F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA0.1-Cover Sheet.dwg, 2/25/2020 10:11:09 AM, DWG To PDF.pc3

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

District Office

1800 SOLAR DRIVE–1ST & 2ND FLOORS
OXNARD – CALIFORNIA – 93030

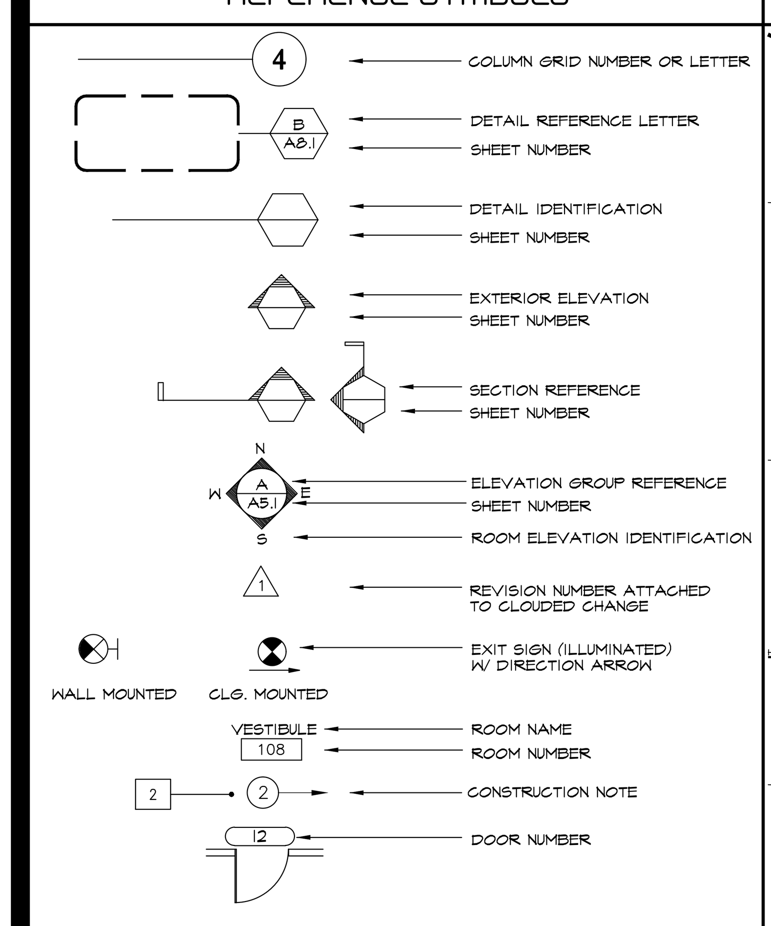
FIRE DEPARTMENT NOTES

1. AIR HANDLING UNITS WITH A CAPACITY IN EXCESS OF 2000 CFM SHALL BE PROVIDED WITH AUTOMATIC SHUTDOWN VIA SMOKE DETECTORS INSTALLED WITHIN THE DUCT (Per Mechanical Code Section 608.)
2. FIRE SPRINKLERS SHALL NOT BE PLACED "OUT OF SERVICE" WITHOUT APPROVAL FROM THE OXNARD FIRE DEPARTMENT.
3. A FIRE ALARM EQUIPPED WITH OCCUPANT NOTIFICATION SHALL BE REQUIRED THROUGHOUT THE BUILDING PER THE DIRECTION OF FIRE CODE OFFICIAL (FIRE MARSHAL).
4. THE FIRE ALARM SHALL HAVE OCCUPANT NOTIFICATION DEVICES ACTIVATED BY AUTOMATIC FIRE DETECTORS, AUTOMATIC SPRINKLER SYSTEM WATERFLOW DEVICES, MANUAL FIRE ALARM BOXES AND/OR AUTOMATIC FIRE EXTINGUISHING SYSTEMS. [CFC 907.5]
5. PROVIDE AUDIBLE ALARM NOTIFICATION DEVICES WITH A SOUND PRESSURE LEVEL OF 15 DECIBELS ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR 5 DECIBELS ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION OF NOT LESS THAN 60 SECONDS, WHICHEVER IS GREATER, IN EVERY OCCUPIABLE SPACE WITHIN THE BUILDING. [CFC 907.5.2.3.1]
6. PROVIDE VISIBLE ALARM NOTIFICATION DEVICES IN PUBLIC USE AREAS AND COMMON USE AREAS INCLUDING BUT NOT LIMITED TO CORRIDORS, LOBBIES, MULTIPURPOSE ROOMS, RESTROOMS AND OCCUPIED ROOMS WHERE AMBIENT NOISE IMPAIRS HEARING OF THE FIRE ALARM. [CFC 907.5.2.3.1]
7. 3200 SERIES KNOX BOX KEY VAULT IS REQUIRED FOR THE BUILDING TO BE LOCATED BY OXNARD FIRE DEPARTMENT.
8. PROVIDE A 2A-10BC FIRE EXTINGUISHER AT OR NEAR EACH EXIT AND WITHIN 75 FOOT MAXIMUM TRAVEL DISTANCE.
9. PROVIDE AN APPROVED EXTERIOR STROBE FOR BUILDING, VISIBLE FROM THE STREET OR APPROACH ROADWAY.
10. SPRINKLER BACKFLOW DEVICES SHALL BE PAINTED "MACHINE GREEN" AND WHEN A FIRE DEPARTMENT CONNECTION IS ATTACHED IT SHALL BE PAINTED RED.
11. A FIVE-YEAR CERTIFICATION INSPECTION REPORT OF THE FIRE SPRINKLER SYSTEM, BY A LICENSED C16 FIRE PROTECTION CONTRACTOR, MUST BE PROVIDED TO THE FIRE DEPARTMENT VIA www.thecomplianceengine.com PRIOR TO FINAL INSPECTION.
12. SPRINKLER PROTECTION IS REQUIRED UNDER EXTERIOR ROOFS, CANOPIES, AND OVERHANGS OVER FOUR-FEET IN WIDTH. ADDITIONAL SPRINKLER HEADS MAY BE REQUIRED BASED ON FIELD CONDITIONS AS DEEMED NECESSARY BY THE FIRE INSPECTOR.

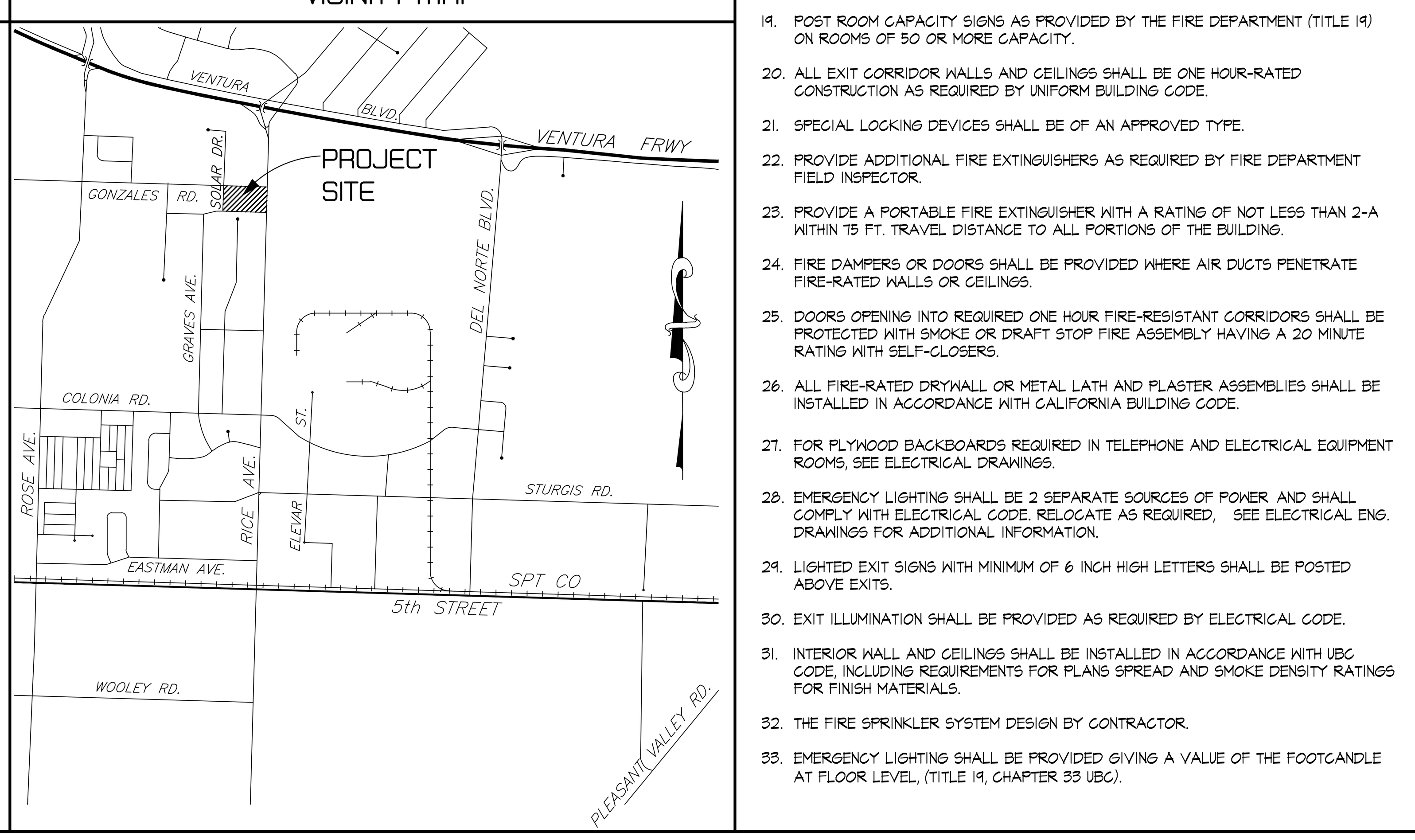
ABBREVIATIONS

¢	And
°	Angle
@	At
~C	Centerline
O	Diameter or Round
#	Pound or Number
(E)	Existing
ACOUS	Acoustical
A.D.	Area Drain
ADJ.	Adjustable
AGGR.	Aggregate
AL.	Aluminum
APPROX.	Approximate
ARCH.	Architectural
ASB.	Asbestos
ASPH.	Asphalt
BD.	Board
BITUM.	Bituminous
BLDG.	Building
BLK.	Block
BLKG.	Blocking
BM.	Beam
BOT.	Bottom
CAB.	Cabinet
C.B.	Catch Basin
CEM.	Cement
CER.	Ceramic
C.I.	Cast Iron
C.G.	Corner Guard
CLG.	Ceiling
CLKG.	Calking
CLO.	Closet
CLR.	Clear
C.O.	Cased Opening
COL.	Column
CONC.	Concrete
CONN.	Connection
CONSTR.	Construction
CONT.	Continuous
CORR.	Corridor
CTSK.	Countersunk
CNTR.	Counter
CTR.	Center
DBL.	Double
DEPT.	Department
D.F.	Drinking Fountain
DET.	Detail
DIA.	Diameter
DIM.	Dimension
DISP.	Dispenser
DN.	Down
D.O.	Door Opening
DR.	Door
DWR.	Drawer
DS.	Downspout
D.S.P.	Dry Standpipe
DWG	Drawing
E.	East
EA.	Each
E.J.	Expansion Joint
EL.	Elevation
ELEC.	Electrical
ELEV.	Elevator
EMER.	Emergency
ENCL.	Enclosure
E.P.	Electrical Panelboard
EQ.	Equal
EQPT.	Equipment
E.W.C.	Electric Water Cooler
EXST.	Existing
EXPO.	Exposed
EXP.	Expansion
EXT.	Exterior
F.A.	Fire Alarm
F.B.	Flat Bar
F.D.	Floor Drain
FDN.	Foundation
F.E.	Fire Extinguisher
F.E.C.	Fire Extinguisher Cab
F.H.C.	Fire Hose Cabinet
FIN.	Finish
FL.	Floor
FLASH.	Flashing
FLUOR.	Fluorescent
F.O.C.	Face of Concrete
F.O.F.	Face of Finish
F.O.M.	Face of Mullion
F.O.S.	Face of Stud
FPRF.	Fireproof
F.S.	Full Size
FT.	Foot or Feet
FTG.	Footing
FURR.	Furring
FUT.	Future
GA.	Gauge
GALV.	Galvanized
G.B.	Grab Bar
GL.	Glass
GND.	Ground
GR.	Grade
GYP.	Gypsum
H.B.	Hose Bibb
H.C.	Hollow Core
HDWD.	Hardwood
HDWE.	Hardware
H.M.	Hollow Metal
HORIZ.	Horizontal
HR.	Hour
HGT.	Height
I.D.	Inside Diameter (Dim.)
INSUL.	Insulation
INT.	Interior
INV.	Inverted
Jan.	Janitor
JT.	Joint
KIT.	Kitchen
LAB.	Laboratory
LAM.	Laminate
LAV.	Lavatory
LKR.	Locker
LT.	Light
MAX.	Maximum
M.C.	Medicine
MECH.	Mechanical
MEMB.	Membrane
MET.	Metal
MFR.	Manufacturer
MH.	Manhole
MIN.	Minimum
MIR.	Mirror
MISC.	Miscellaneous
M.O.	Masonry Opening
MTD.	Mounted
MUL.	Mullion
N.	North
N.I.C.	Not In Contract
NO. or #	Number
NOM.	Nominal
N.T.S.	Not To Scale
O.A.	Overall
OBS.	Obscure
O.C.	On Center
O.D.	Outside Diameter (Dim.)
OFF.	Office
OPNG.	Opening
OPP.	Opposite
PJ	Panel Joint
PRCST.	Pre-cast
PL.	Plate
P.LAM.	Plastic Laminate
PLAS.	Plaster
PLYWD.	Plywood
PR.	Pair
PT.	Point
P.T.D	Paper Towel Dispenser
P.T.D/R	Combination Paper Towel
PTN.	Partition
P.T.R.	Paper Towel Receptacle
Q.T.	Quarry Tile
R.	Riser
RAD.	Radius
R.D.	Roof Drain
REF.	Reference
REFR.	Refrigerator
RGTR.	Register
REINF.	Reinforced
REQ.	Required
RESIL.	Resilient
RM.	Room
R.O.	Rough Opening
RWD.	Redwood
R.W.L.	Rain Water Leader
S.	South
S.C.	Solid Core
S.C.D.	Seat Cover Dispenser
SCHED.	Schedule
S.D.	Soap Dispenser
SECT.	Section
SH.	Shelf
SHR.	Shower
SHT.	Sheet
SIM.	Similar
S.N.D.	Sanitary Napkin Dispenser
S.N.R.	Sanitary Napkin Receptacle
SPEC.	Specifcation
SQ.	Square
S.ST.	Stainless Steel
S.SK.	Service Sink
STA.	Station
STD.	Standard
STL.	Steel
STOR.	Storage
STRL.	Structural
SUSP.	Suspended
SYS.	Symmetrical
TRD.	Tread
T.B.	Towel Bar
T.C.	Top of Curb
TEL.	Telephone
TER.	Terrazzo
T. ¢ G.	Tongue and Groove
THK.	Thick
T.P.	Top of Pavement
T.P.D.	Toilet Paper Dispenser
T.V.	Television
T.W.	Top of Wall
TYP.	Typical
T.O.P.	Top of Parapet
T.O.R.	Top of Roofing Substrate
UNF.	Unfinished
U.O.N.	Unless Otherwise Noted
UR.	Urinal
VERT.	Vertical
VEST.	Vestibule
W.	West
W/	With
W.C.	Water Closet
WD.	Wood
W.H.	Water Heater
W/O	Without
WP	Waterproof
WSCT.	Wainscot
WT.	Weight

REFERENCE SYMBOLS



VICINITY MAP



GENERAL NOTES

BASED ON CURRENT CODES. TITLE 24. & 2016 CALIFORNIA BUILDING CODE

1. ARCHITECT ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OF PLANS FOR BID PURPOSES PRIOR TO ISSUANCE OF THE BUILDING PERMIT. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB SITE PRIOR TO BEGINNING OF CONSTRUCTION.
2. THE INTENT OF THESE DRAWINGS ¢ SPECIFICATIONS IS TO INCLUDE ALL LABOR, MATERIALS AND SERVICES NECESSARY FOR THE COMPLETION OF ALL WORK SHOWN PRESCRIBED OR REASONABLY IMPLIED, BUT NOT LIMITED TO THAT EXPLICITLY INDICATED IN THE CONTRACT DOCUMENTS.
3. THE ARCHITECT'S APPROVAL OF SUCH SHOP DRAWINGS SHALL NOT RELIEVE THE GENERAL CONTRACTOR OR SUBCONTRACTOR FROM RESPONSIBILITY FOR DEVIATIONS FROM DRAWINGS OR SPECIFICATIONS UNLESS HE HAS (IN WRITING) CALLED THE ARCHITECT'S ATTENTION TO SUCH DEVIATIONS AT THE TIME OF SUBMISSIONS, NOR SHALL IT RELIEVE HIM OF RESPONSIBILITY FOR ERRORS OF ANY SORT IN THE SHOP DRAWINGS.
4. A "CERTIFICATE OF COMPLIANCE" SIGNED BY THE OWNER, GENERAL CONTRACTOR, ARCHITECT OR ENGINEER SHALL BE GIVEN TO THE DEPARTMENT STATING THAT THE WORK HAS BEEN PERFORMED AND MATERIALS INSTALLED ACCORDING TO THE PLANS AND SPECIFICATIONS AFFECTING NON-RESIDENTIAL ENERGY.
5. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY BEFORE COMMENCING ANY WORK.
6. CONTRACTOR SHALL CHECK AND VERIFY SIZE AND LOCATION OF DUCT OPENINGS AND PLUMBING RUNS WITH MECHANICAL CONTRACTOR BEFORE FRAMING WALLS, FLOORS, ETC.
7. CONTRACTOR SHALL PROVIDE AND LOCATE ACCESS PANELS AS REQUIRED AFTER INSTALLATION OF MECHANICAL DUCTS, PLUMBING RUNS WITH MECHANICAL CONTRACTOR BEFORE FRAMING WALLS, FLOOR, ETC.
8. DIMENSIONS ON DRAWINGS ARE FROM FACE OF STUDS OR FINISHED FACE OF EXISTING WALLS UNLESS NOTED OTHERWISE.
9. PRIOR TO THE ISSUANCE OF A BUILDING PERMIT, THE APPLICANT SHALL HAVE EVIDENCE OF CURRENT WORKMAN'S COMPENSATION INSURANCE COVERAGE ON FILE WITH THE DEPARTMENT IN COMPLIANCE WITH SECTION 3800 OF THE CALIFORNIA LABOR CODE.
10. NO EXPOSED SCREWS OR FASTENERS SHALL BE PERMITTED ON WINDOW WALL SURFACES EXPOSED TO VIEW.
11. GLASS DOORS, ADJACENT PANELS, AND ALL GLAZED OPENINGS WITHIN 18 INCHES OF THE ADJACENT FLOOR SHALL BE OF GLASS APPROVED FOR IMPACT HAZARD.
12. TITLE 24: ENERGY COMPLIANCE.

ENVELOPE COMPLIANCE ¢ STATEMENT OF DESIGN COMPLIANCE:

THE CALIFORNIA ENERGY CONSERVATION STANDARDS FOR NON-RESIDENTIAL BUILDING SHALL BE REVIEWED AND COMPLIED WITH DURING THE TENANT IMPROVEMENT WORK SCOPE OF THIS PROJECT.

CERTIFICATE OF COMPLIANCE:

PRIOR TO THE ISSUANCE OF FINAL CERTIFICATE OF OCCUPANCY FOR THIS PROJECT, THE GENERAL CONTRACTOR SHALL SUBMIT A SIGNED CERTIFICATE TO THE DEPARTMENT OF BUILDING AND SAFETY STATING THAT ALL WORK HAS BEEN PERFORMED AND MATERIALS INSTALLED ACCORDING TO THE PLANS AND SPECIFICATION AFFECTING NON-RESIDENTIAL ENERGY.

13. ALL NOISE BARRIER BATTS (SOUND INSULATION) SHALL BE INCOMBUSTIBLE.
14. EXTEND ALL STUDS AND WALL MATERIALS TO CONSTRUCTION ABOVE UNLESS OTHERWISE INDICATED.
15. ALL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
16. ALL EXITS SHALL HAVE EXIT SIGNS AND ALL BLIND CORRIDOR TURNS SHALL HAVE DIRECTIONAL EXIT SIGNS.
17. EXIT DOORS SHALL SWING IN THE DIRECTION OF EXIT TRAVEL WHEN SERVING MORE THAN 50 OCCUPANTS.
18. PANIC HARDWARE SHALL BE PROVIDED ON EXIT DOORS SERVING ROOMS, CORRIDORS OR STAIRWAYS HANDLING AN OCCUPANT LOAD OF 50.
19. POST ROOM CAPACITY SIGNS AS PROVIDED BY THE FIRE DEPARTMENT (TITLE 19) ON ROOMS OF 50 OR MORE CAPACITY.
20. ALL EXIT CORRIDOR WALLS AND CEILINGS SHALL BE ONE HOUR-RATED CONSTRUCTION AS REQUIRED BY UNIFORM BUILDING CODE.
21. SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE.
22. PROVIDE ADDITIONAL FIRE EXTINGUISHERS AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR.
23. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A WITHIN 75 FT. TRAVEL DISTANCE TO ALL PORTIONS OF THE BUILDING.
24. FIRE DAMPERS OR DOORS SHALL BE PROVIDED WHERE AIR DUCTS PENETRATE FIRE-RATED WALLS OR CEILINGS.
25. DOORS OPENING INTO REQUIRED ONE HOUR FIRE-RESISTANT CORRIDORS SHALL BE PROTECTED WITH SMOKE OR DRAFT STOP FIRE ASSEMBLY HAVING A 20 MINUTE RATING WITH SELF-CLOSERS.
26. ALL FIRE-RATED DRYWALL OR METAL LATH AND PLASTER ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH CALIFORNIA BUILDING CODE.
27. FOR PLYWOOD BACKBOARDS REQUIRED IN TELEPHONE AND ELECTRICAL EQUIPMENT ROOMS, SEE ELECTRICAL DRAWINGS.
28. EMERGENCY LIGHTING SHALL BE 2 SEPARATE SOURCES OF POWER AND SHALL COMPLY WITH ELECTRICAL CODE. RELOCATE AS REQUIRED, SEE ELECTRICAL ENG. DRAWINGS FOR ADDITIONAL INFORMATION.
29. LIGHTED EXIT SIGNS WITH MINIMUM OF 6 INCH HIGH LETTERS SHALL BE POSTED ABOVE EXITS.
30. EXIT ILLUMINATION SHALL BE PROVIDED AS REQUIRED BY ELECTRICAL CODE.
31. INTERIOR WALL AND CEILINGS SHALL BE INSTALLED IN ACCORDANCE WITH UBC CODE, INCLUDING REQUIREMENTS FOR PLANS SPREAD AND SMOKE DENSITY RATINGS FOR FINISH MATERIALS.
32. THE FIRE SPRINKLER SYSTEM DESIGN BY CONTRACTOR.
33. EMERGENCY LIGHTING SHALL BE PROVIDED GIVING A VALUE OF THE FOOTCANDLE AT FLOOR LEVEL, (TITLE 19, CHAPTER 33 UBC).
34. THE CONTRACTOR FOR THE FIRE SPRINKLER SYSTEM WILL OBTAIN APPROVAL BY CITY AND ARCHITECT.
35. INTERIOR WALL AND CEILING FINISHES FOR ASSEMBLY, CLASSROOM, DINING AND BAR AREAS SHALL NOT EXCEED "200" END POINT FLAME SPREAD RATING.
36. INTERIOR WALL AND CEILING FINISHES FOR EXIT CORRIDORS SHALL NOT EXCEED AN END POINT FLAME SPREAD RATING OF 75.
37. ANY DECORATIONS SHALL BE OF NON-COMBUSTIBLE OR FLAME PROOFED IN APPROVED MANNER.
38. EXTEND EXISTING FIRE/LIFE SAFETY SYSTEM INTO NEW SPACES.
39. HANDICAP ACCESSIBILITY FROM STREET OR PARKING LOT TO BUILDING ENTRANCE TO MEET PRESENT TITLE 24 REQUIREMENTS.
40. TOILET ROOMS TO COMPLY WITH PRESENT TITLE 24 REQUIREMENTS. PER CALIFORNIA CODE OF REGULATIONS, HANDICAP REQUIREMENTS.

ACCESSIBILITY NOTES

BASED ON CURRENT CODES. TITLE 24. & 2016 CALIFORNIA BUILDING CODE

ENTRY

36" CLEAR WIDTH REQUIRED FOR ALL OCCUPANCIES AND OCCUPANT LOAD LESS THAN 10.

DOORS 32" MINIMUM CLEAR.

ON APPROACH SIDE - 60" CLEAR LEVEL AREA WHEN DOOR SWINGS OUT.

48" AREA WHEN DOOR SWINGS IN.

ENTRANCES

ALL PRIMARY ENTRANCES TO BUILDINGS SHALL BE MADE TO THE PHYSICALLY HANDICAPPED. ALL BUILDING ENTRANCES ACCESSIBLE TO AND USABLE BY PHYSICALLY HANDICAPPED SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN WITH ADDITIONAL DIRECTIONAL SIGNS AS REQUIRED. TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS. ALTERNATE IDENTIFICATION MEANS, SHALL BE APPROVED BY THE ARCHITECT AND GOVERNING AUTHORITIES.

HAND ACTIVATED DOOR OPENING HARDWARE TO BE MOUNTED BETWEEN 34" TO 44" ABOVE THE FLOOR AND SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE.

MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS.

THE BOTTOM 10" OF ALL DOORS (EXCEPT SLIDING AND AUTOMATIC) SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE.

ALL DOORWAYS SHALL HAVE A MINIMUM 32" CLEAR OPENING WHEN THE DOOR POSITION IS AT 90° TO THE CLOSED POSITION.

ONE DOOR OF A PAIR OF DOORS SHALL MEET THE MINIMUM WIDTH REQUIREMENTS.

MAXIMUM HEIGHT OF THRESHOLD TO BE 1/2". MAXIMUM VERTICAL CHANGE AT EDGE IS 1/4" WITH A MAXIMUM BEVEL OF 2:1.

GRATING AT WALKS SHALL HAVE 1/2" MAXIMUM OPENING IN THE DIRECTION OF TRAVEL.

PROVIDE A 5'X5' MINIMUM LANDING ON THE WALK SIDE OF DOORS THAT SWING TOWARD THE WALK.

WALKS SHALL EXTEND 24" TO THE SIDE OF STRIKE EDGE OF DOOR THAT SWING TOWARD THE WALK.

FLOORING

THE SURFACES OF FLOORS SHALL BE SLIP RESISTANT. WHEN TESTED IN ACCORDANCE WITH ASTM C10288 TEST PROCEDURE FOR COEFFICIENT OF FRICTION TILE MUST ACHIEVE A WET AND DRY VALUE OF NOT LESS THAN 0.60. PRIOR TO THE INSTALLATION OF THE FLOOR COVERING, A WRITTEN STATEMENT FROM THE FLOORING MANUFACTURER MUST BE SUBMITTED TO THE DEPARTMENT OF BUILDING ¢ SAFETY STATING THAT THE PRODUCT TO BE INSTALLED MEETS CURRENT INDUSTRY STANDARDS FOR SLIP RESISTANCE.

REACH RANGES

SHALL COMPLY TO CBC 11B-308

TENANT APPROVAL

THIS PROJECT SHALL COMPLY WITH THE 2016 EDITIONS OF THE CALIFORNIA BUILDING/ PLUMBING/ MECHANICAL CODES AND THE 2016 EDITION OF THE CALIFORNIA ELECTRICAL CODE, AND 2016 CALIFORNIA ENERGY CODE.

THESE DOCUMENTS HAVE BEEN RECEIVED AND CHECKED FOR ACCURACY INCLUDING: DIMENSIONS ¢ CABINETRY MILLWORK ¢ DETAILS; LOCATIONS OF PARTITIONS; TELEPHONE ¢ ELECTRICAL OUTLET LOCATIONS; SPECIAL ELECTRICAL ¢ LIGHTING REQUIREMENTS; AND WALL ¢ FLOOR FINISH LOCATIONS ¢ SPECIFICATIONS. ANY CHANGES WILL BE AT ADDITIONAL EXPENSE TO THE OWNER ONCE THE DRAWINGS ARE APPROVED AND RELEASED FOR CONSTRUCTION. ALL REVISIONS SHALL BE APPROVED IN WRITING BY THE OWNER. EXPENSE OF ADDITIONAL OR REVISED CONSTRUCTION DOCUMENTS SHALL BE BORNE BY THE OWNER.

☐ APPROVED FOR CONSTRUCTION

☐ APPROVED AS NOTED, RELEASED FOR CONSTRUCTION

TENANT DATE

EXISTING BLDG. INFORMATION

ADDRESS:	1800 SOLAR DRIVE OXNARD, CA 93030
ASSESSORS PARCEL NO.:	213-0-070-045
USE ¢ OCCUPANCY GROUPS:	"B" BUSINESS (OFFICE) "A-3" ASSEMBLY (CLASROOM) "A-3" ASSEMBLY (BOARD ROOM) "S-1" WAREHOUSE/STORAGE
CONSTRUCTION TYPE:	TYPE I-A; FULLY SPRINKLERED
NUMBER OF STORIES:	3-STORY
SEISMIC ZONE:	ZONE 4
TOTAL EXISTING BUILDING AREA:	115,608 S.F.
1st FLOOR	41,760 S.F.
2nd FLOOR	38,778 S.F.
3rd FLOOR	35,070 S.F.

PROJECT INFORMATION

PROJECT DESCRIPTION:

PROPOSED 38,000 S.F. 1ST FLOOR AND 37,000 S.F. 2ND FLOOR TENANT IMPROVEMENT ALTERATIONS OF AN EXISTING 3-STORY SPRINKLERED OFFICE BUILDING.

THE SCOPE OF WORK WILL CONSIST OF DEMOLITION OF EXISTING INTERIOR PARTITIONS, DOORS, MILLWORK, RAISED FLOOR SYSTEM, SUSPENDED CEILING AND FLOOR FINISHES. CONSTRUCTION OF NEW INTERIOR PARTITION WALLS ¢ DOORS, NEW SUSPENDED ACOUSTICAL CEILING GRID SYSTEM; NEW MILLWORK; NEW POWER/DATA AND TITLE-24 COMPLIANT LIGHTING.

NEW DUCT DISTRIBUTION WILL BE PROVIDED FROM EXISTING MECHANICAL UNITS.

PROPOSED PLUMBING WORK FOR NEW EXPANSION AND EMPLOYEE RESTROOMS AND BREAKROOMS.

PROPOSED MINOR EXTERIOR WORK INCLUDES CONCRETE WALKWAY AT NEW BUILDING ENTRIES AND NEW STOREFRONT ENTRY AND EXIT DOORS.

SCOPE OF WORK AREA BREAKDOWN:

FIRST FLOOR GROSS:	41,760 S.F.
FIRST FLOOR NET:	40,997 S.F.
SECOND FLOOR GROSS:	38,778 S.F.
SECOND FLOOR NET:	37,094 S.F.
TOTAL 1ST FLOOR AREA OF TENANT IMPROVEMENT ALTERATION:	35,862 S.F.
TOTAL 2ND FLOOR AREA OF TENANT IMPROVEMENT ALTERATION:	35,515 S.F.
TOTAL AREA OF TENANT IMPROVEMENT ALTERATION:	71,377 S.F.

DEFERRED SUBMITTALS

Approval of certain aspects of the construction may be deferred until the construction contract has been awarded. The awarded contractor will be responsible for all engineering fees, obtaining reviews and approval and permitting fees. The submission of the plans and calculations to the Architect, City of Oxnard, and applicable local agencies shall be the sole responsibility of the contractor. Any delays incurred due to untimely submission, will be considered as an Inexcusable Delay as set forth in Article 7.4.3 of General Conditions - Section 00700.

Some of the deferred submittals are (but not limited to):

- Fire Sprinkler (Suppression) System
  (Alteration to the existing fire sprinkler system require a separate submittal and permit.)
- Fire Alarm
  (Alteration to the fire alarm system is required, under separate submittal and permit.)
- Signs

PLAN CHECK / PERMIT NUMBER

APPLICATION / PERMIT # : 19-06220

CODES

2016 CALIFORNIA MUNICIPAL CODE (LOCAL AMENDMENTS)

CBC - 2016 CALIFORNIA BUILDING CODE
CEC - 2016 CALIFORNIA ELECTRICAL CODE, NFPA 70 ¢ 2016 NEC
CMC - 2016 CALIFORNIA MECHANICAL CODE
CPC - 2016 CALIFORNIA PLUMBING CODE
2016 CALIFORNIA ENERGY CODE (TITLE 24)
CFC - 2016 CALIFORNIA FIRE CODE
CALGREEN - 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE
NFPA 13 SPRINKLER SYSTEMS - 2016 EDITION
NFPA 72 FIRE ALARM CODE - 2016 EDITION

PROJECT DIRECTORY

OWNER / TENANT:
OXNARD UNION HIGH SCHOOL DISTRICT
309 S. "K" STREET
OXNARD, CA 93030
PHONE: (805) 834-1461
CONTACT: JEFFREY WEINSTEIN
EMAIL: (jeff.weinstein@oxnardunion.org)

ARCHITECT:
PK:ARCHITECTURE
5126 CLARETON DRIVE, SUITE 110
AGOURA HILLS, CA 91301
PHONE: (818) 584-0057
CONTACT: MARK KELLOGG
EMAIL: (mkellogg@pkarchitecture.net)

MECHANICAL/PLUMBING/ELECTRICAL ENGINEER:
VECTOR ENGINEERING GROUP, INC.
19012 SADDLEBACK RIDGE ROAD
SANTA CLARITA, CA 91351
PHONE: (818) 731-9120
CONTACT: JO A. RAYNER
EMAIL: (jrayner@vectorengineeringgroup.com)

STRUCTURAL ENGINEER:
PROGRESSIVE CONSULTANTS, INC.
19626 VENTURA BLVD. , SUITE 204
TARZANA, CA 91356
PHONE: (818) 996-2250
CONTACT: IJAZ SHEIKH
EMAIL: (is@progressiveconsultantsinc.net)

SHEET INDEX

ARCHITECTURAL

TA0.1 TITLE SHEET, VICINITY MAP, GENERAL NOTES, SHEET INDEX, ABBREV.
TA0.2 ACCESSIBILITY NOTES
TA0.3 ACCESSIBILITY DETAILS
TA0.4 ACCESSIBILITY DETAILS ¢ UNIVERSAL WASTE FACT SHEET
TA0.5 GREEN BUILDING REQUIREMENTS
TA0.6 GREEN BUILDING REQUIREMENTS
TA0.7 GREEN BUILDING REQUIREMENTS
TA1.0 EXISTING SITE PLAN (FOR REFERENCE ONLY)
TA1.1A EXISTING 1ST ¢ 2ND FLOOR RESTROOM PLANS ¢ DETAILS
TA1.1B EXISTING 1ST ¢ 2ND FLOOR RESTROOM ELEVATIONS
TA1.2 EXISTING ELEVATOR PLANS AND DETAILS (FOR REFERENCE ONLY)
TA2.0 1ST FLOOR LOCATION PLAN
TA2.1 2ND FLOOR LOCATION PLAN
TA2.2 1ST FLOOR EGRESS PLAN
TA2.3 2ND FLOOR EGRESS PLAN
TA3.0.1 1ST FLOOR DEMOLITION PLAN - NORTH WING
TA3.0.2 1ST FLOOR DEMOLITION PLAN - SOUTH WING
TA3.0.3 2ND FLOOR DEMOLITION PLAN - NORTH WING
TA3.0.4 2ND FLOOR DEMOLITION PLAN - SOUTH WING
TA3.1.1 1ST FLOOR PARTITION PLAN - NORTH WING
TA3.1.2 1ST FLOOR PARTITION PLAN - SOUTH WING
TA3.1.3 2ND FLOOR PARTITION PLAN - NORTH WING
TA3.1.4 2ND FLOOR PARTITION PLAN - SOUTH WING
TA3.2.1 1ST FLOOR POWER ¢ DATA PLAN - NORTH WING
TA3.2.2 1ST FLOOR POWER ¢ DATA PLAN - SOUTH WING
TA3.2.3 2ND FLOOR POWER ¢ DATA PLAN - NORTH WING
TA3.2.4 2ND FLOOR POWER ¢ DATA PLAN - SOUTH WING
TA3.3.1 1ST FLOOR REFLECTED CEILING PLAN - NORTH WING
TA3.3.2 1ST FLOOR REFLECTED CEILING PLAN - SOUTH WING
TA3.3.3 2ND FLOOR REFLECTED CEILING PLAN - NORTH WING
TA3.3.4 2ND FLOOR REFLECTED CEILING PLAN - SOUTH WING
TA3.4.1 1ST FLOOR FINISH PLAN (FLOOR) - NORTH WING
TA3.4.2 1ST FLOOR FINISH PLAN (FLOOR) - SOUTH WING
TA3.4.3 2ND FLOOR FINISH PLAN (FLOOR) - NORTH WING
TA3.4.4 2ND FLOOR FINISH PLAN (FLOOR) - SOUTH WING
TA3.4.5 1ST FLOOR WALL FINISH PLAN - NORTH WING
TA3.4.6 1ST FLOOR WALL FINISH PLAN - SOUTH WING
TA3.4.7 2ND FLOOR WALL FINISH PLAN - NORTH WING
TA3.4.8 2ND FLOOR WALL FINISH PLAN - SOUTH WING
TA4.0 ENLARGED 1ST FLOOR RESTROOM PLANS ¢ ELEVATIONS
TA5.0 1ST FLOOR DOOR SCHEDULE ¢ DETAILS
TA5.1 2ND FLOOR DOOR SCHEDULE ¢ DETAILS
TA6.0A DETAILS
TA6.0B DETAILS
TA6.1 DETAILS
TA6.2 DETAILS

STRUCTURAL

S-1 SECOND FLOOR FRAMING PLAN
S-2 THIRD FLOOR FRAMING PLAN
S-3 DETAILS AND GENERAL NOTES

MECHANICAL

M-T24A MECHANICAL TITLE 24 FORMS
M-T24B MECHANICAL TITLE 24 FORMS
M-T24C MECHANICAL TITLE 24 FORMS
M0.1 MECHANICAL LEGENDS, SCHEDULES AND NOTES
MZ1 MECHANICAL ZONING PLAN-FIRST FLOOR
MZ2 MECHANICAL ZONING PLAN-SECOND FLOOR
M1.0 MECHANICAL FIRST FLOOR DEMOLITION PLAN - NORTH WING
M1.1 MECHANICAL FIRST FLOOR DEMOLITION PLAN - SOUTH WING
M1.2 MECHANICAL SECOND FLOOR DEMOLITION PLAN - NORTH WING
M1.3 MECHANICAL SECOND FLOOR DEMOLITION PLAN - SOUTH WING
M2.0 MECHANICAL FIRST FLOOR PLAN - NORTH WING
M2.1 MECHANICAL FIRST FLOOR PLAN - SOUTH WING
M2.2 MECHANICAL SECOND FLOOR PLAN - NORTH WING
M2.3 MECHANICAL SECOND FLOOR PLAN - SOUTH WING
M3.0 MECHANICAL DETAILS
M3.1 MECHANICAL DETAILS

PLUMBING

P0.1 PLUMBING LEGENDS, SCHEDULES AND NOTES
P1.0 PLUMBING OVERALL FLOOR PLANS
P2.0 PLUMBING ENLARGED PLANS
P2.1 PLUMBING ENLARGED PLANS
P3.0 PLUMBING DETAILS

ELECTRICAL

E-0.0.1 ELECTRICAL TITLE SHEET
E-0.0.2 LIGHTING FIXTURE SCHEDULE
E-1.1.1 FIRST FLOOR LIGHTING PLAN (NORTH)
E-1.1.2 FIRST FLOOR LIGHTING PLAN (SOUTH)
E-1.2.1 SECOND FLOOR LIGHTING PLAN (NORTH)
E-1.2.2 SECOND FLOOR LIGHTING PLAN (SOUTH)
E-2.1.1 FIRST FLOOR LIGHTING CONTROLS PLAN
E-2.1.2 SECOND FLOOR LIGHTING CONTROLS PLAN
E-2.1.3 LIGHTING CONTROL DETAILS
E-3.1.1 FIRST FLOOR EMERGENCY PHOTOMETRICS
E-3.2.1 SECOND FLOOR EMERGENCY PHOTOMETRICS
E-4.1.1 FIRST FLOOR POWER PLAN (NORTH)
E-4.1.2 FIRST FLOOR POWER PLAN (SOUTH)
E-4.2.1 SECOND FLOOR POWER PLAN (NORTH)
E-4.2.2 SECOND FLOOR POWER PLAN (SOUTH)
E-5.0.1 DEMOLITION ONE-LINE DIAGRAM
E-5.0.2 NEW CONSTRUCTION ONE-LINE DIAGRAM
E-5.0.3 PANEL SCHEDULES
E-5.0.4 PANEL SCHEDULES
E-5.0.5 PANEL SCHEDULES
E-6.0.1 TITLE 24 INDOOR LIGHTING COMPLIANCE CERTIFICATES

- BID SET -
February 24, 2020

pk:a
pk:architecture

5126 clareton drive : suite 110
agoura hills : california 91301
v: 818.584.0057 f: 818.584.0019
w: pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

COVER SHEET

drawn by

project no 18-66.60

date

scale

TA0.1

ACCESSIBILITY NOTES

19. SANITARY FACILITIES (GENERAL)

1. DOORWAYS LEADING TO MEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY AN EQUILATERAL TRIANGLE 1/4" THICK WITH EDGES 12" LONG AND A VERTEX POINTING UPWARD. WOMEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE 1/4" THICK AND 12 INCH DIAMETER.
2. GEOMETRIC (CIRCLE & TRIANGLE) SYMBOLS ON SANITARY FACILITY DOORS SHALL BE CENTERED AND CONTRAST SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF DOOR.

20. MULTIPLE ACCOMMODATION SANITARY FACILITIES

1. WATER CLOSET COMPARTMENT SHALL BE EQUIPPED WITH A DOOR THAT HAS AN AUTOMATIC-CLOSING DEVICE. AND SHALL HAVE A CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32" WHEN LOCATED AT THE END AND 34 INCHES WHEN LOCATED AT THE SIDE WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
2. WHEN STANDARD COMPARTMENT DOORS ARE USED, WITH A MINIMUM 9 INCHES CLEARANCE FOR FOOTRESTS UNDERNEATH AND A SELF-CLOSING DEVICE, CLEARANCE AT THE STRIKE EDGE, AS SPECIFIED IN SECTION 1133B.2.4.3, IS NOT REQUIRED.
3. THE INSIDE AND OUTSIDE OF THE COMPARTMENT DOOR SHALL BE EQUIPPED WITH A LOOP OR U-SHAPED HANDLE IMMEDIATELY BELOW THE LATCH. THE LATCH SHALL BE FLIP-OVER STYLE, SLIDING, OR OTHER HARDWARE NOT REQUIRING THE USER TO GRASP OR TWIST.

21. SANITARY FACILITY FIXTURES & ACCESSORIES

1. THE HEIGHT OF ACCESSIBLE WATER CLOSETS SHALL BE A MINIMUM OF 17 INCHES AND A MAXIMUM OF 19 INCHES MEASURED TO THE TOP OF A MAXIMUM 2 INCHES HIGH TOILET SEAT, EXCEPT THAT 3 INCH SEATS SHALL BE PERMITTED ONLY IN ALTERATIONS WHERE THE EXISTING FIXTURE IS LESS THAN 15 INCHES HIGH.
2. LAVATORIES WHEN LOCATED ADJACENT TO A SIDE WALL OR PARTITION SHALL, BE A MINIMUM DISTANCE OF 18 INCHES TO THE CENTER LINE OF THE FIXTURE.
3. LAVATORIES THAT ARE DESIGNATED TO BE ACCESSIBLE SHALL BE MOUNTED WITH THE RIM OR COUNTER EDGE NO HIGHER THAN 34 INCHES ABOVE THE FINISHED FLOOR AND WITH A VERTICAL CLEARANCE MEASURED FROM THE BOTTOM OF THE APRON OR OUTSIDE BOTTOM EDGE OF THE LAVATORY OF 29 INCHES, REDUCING TO 27 INCHES AT A POINT LOCATED 8 INCHES BACK FROM THE FRONT EDGE. KNEE CLEARANCE BELOW THE LAVATORY SHALL EXTEND A MINIMUM OF 30 INCHES IN WIDTH BY 17 INCHES DEPTH. TOE CLEARANCE SHALL BE THE SAME WIDTH AND SHALL BE A MINIMUM OF 9 INCHES HIGH FROM THE FRONT OF THE LAVATORY.
4. HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
5. URINALS SHALL BE FLOOR MOUNTED OR WALL HUNG. WHERE ONE OR MORE WALL HUNG URINALS ARE PROVIDED, AT LEAST ONE WITH A RIM PROJECTING A MINIMUM OF 14 INCHES FROM THE WALL AND AT A MAXIMUM OF 17 INCHES ABOVE THE FLOOR SHALL BE PROVIDED.
6. CONTROLS FOR WATER CLOSET FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS.
7. WATER CLOSET AND URINAL FLUSH VALVES CONTROLS, AND FAUCET AND OPERATING MECHANISM CONTROLS, SHALL BE OPERABLE WITH ONE HAND, SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST, AND SHALL BE MOUNTED NO MORE THAN 44 INCHES ABOVE THE FLOOR.
8. THE FORCE REQUIRED TO ACTIVE WATER CLOSET AND URINAL FLUSH VALVE CONTROLS, AND FAUCET AND OPERATING MECHANISM CONTROLS, SHALL BE NO GREATER THAN 5 POUNDS PER FOOT. ELECTRONIC OR AUTOMATIC FLUSHING CONTROLS ARE ACCEPTABLE AND PREFERABLE.
9. SELF-CLOSING FAUCET CONTROL VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
10. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE NO HIGHER THAT 40 INCHES FROM THE FLOOR.
11. WHERE TOWEL, SANITARY NAPKINS, WASTE RECEPTACLES, AND OTHER SIMILAR DISPENSING AND DISPOSABLE FIXTURES ARE PROVIDED AT LEAST ONE OF EACH TYPE SHALL BE LOCATED WITH ALL OPERABLE PARTS, INCLUDING COIN SLOTS, WITHIN 40 INCHES FROM THE FINISHED FLOOR.
12. TOILET TISSUE DISPENSERS SHALL BE LOCATED ON THE WALL WITHIN 12 INCHES OF THE FRONT EDGE OF THE TOILET SEAT AND NO LOWER THAN 19 INCHES FROM THE FLOOR. DISPENSERS THAT CONTROL DELIVERY OR THAT DO NOT PERMIT CONTINUOUS PAPER FLOW SHALL NOT BE USED.
13. TOILET TISSUE DISPENSERS SHALL BE LOCATED ON THE WALL WITHIN 12 INCHES OF THE FRONT EDGE OF THE TOILET SEAT AND NO LOWER THAN 19 INCHES FROM THE FLOOR. DISPENSERS THAT CONTROL DELIVERY OR THAT DO NOT PERMIT CONTINUOUS PAPER FLOW SHALL NOT BE USED.
14. TOILET ROOM FLOORS SHALL HAVE A SMOOTH, HARD, NON-ABSORBENT SURFACE SUCH AS PORTLAND CEMENT, CERAMIC TILE OR OTHER APPROVED MATERIAL WHICH EXTENDS UPWARD ONTO THE WALLS AT LEAST 5 INCHES. WALLS WITHIN WATER CLOSET COMPARTMENTS AND WALLS WITHIN 24 INCHES OF THE FRONT AND SIDES OF URINALS SHALL BE SIMILARLY FINISHED TO A HEIGHT OF 48 INCHES AND, EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIALS USED IN SUCH WALLS SHALL BE A TYPE WHICH IS NOT ADVERSELY AFFECTED BY MOISTURE.

22. STAIRWAYS

1. STAIRWAYS SHALL HAVE HANDRAILS ON EACH SIDE. HANDRAILS SHALL BE CONTINUOUS ALONG BOTH SIDES OF THE STAIRWAY. INTERMEDIATE HANDRAILS SHALL BE PROVIDED AS REQUIRED IN SECTION 1012.8.
2. HANDRAILS SHALL EXTEND A MINIMUM OF 12 INCHES BEYOND THE TOP NOSING AND 12 INCHES PLUS THE TREAD WIDTH BEYOND THE BOTTOM NOSING AND ENDS SHALL BE RETURNED OR TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS.
3. TACTILE FLOOR IDENTIFICATION SIGNS THAT COMPLY WITH SECTION 1117B.5.1 SHALL BE LOCATED AT EACH FLOOR LEVEL LANDING IN ALL ENCLOSED STAIRWAYS IN BUILDINGS TWO OR MORE STORIES IN HEIGHT TO IDENTIFY THE FLOOR LEVEL. AT EXIT DISCHARGE LEVEL, THE SIGN SHALL INCLUDE A RAISED FIVE-POINTED STAR LOCATED TO THE LEFT OF THE IDENTIFYING FLOOR LEVEL. THE OUTSIDE DIAMETER OF THE STAR SHALL BE THE SAME AS THE HEIGHT OF THE RAISED CHARACTERS.

6. CHARACTERS ON SIGNS SHALL HAVE A WIDTH-TO-RATIO OF BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO BETWEEN 1:5 AND 1:10 (1117B.5.3)
7. CHARACTERS, SYMBOLS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND. (1117B.5.2)
8. CHARACTERS AND NUMBERS ON SIGNS REQUIRED TO BE ACCESSIBLE BY SECTION 1117B.5.1 ITEMS 2 AND 3 SHALL BE SIZED ACCORDING TO THE TABLE IN SECTION 1117B.5.4. (1117B.5.4)
9. CONTRACTED (GRADE 2) BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE 1/10 INCH ON CENTERS IN EACH CELL WITH 2/10 INCH SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40 INCH ABOVE THE BACKGROUND. (1117B.5.6)
10. PROVIDE PLANS, SPECIFICATIONS AND DETAILS FOR ALL SIGNS AND IDENTIFICATION AS SPECIFIED IN SECTION 1117B.5.1, WHEN INCLUDED IN NEW CONSTRUCTION, ALTERATIONS, ADDITIONS OR RENOVATIONS. (1117B.5.1 ITEM 4.1)

14. ACCESSIBLE PARKING

1. EACH LOT OR PARKING STRUCTURE WHERE PARKING IS PROVIDED FOR THE PUBLIC AS CLIENTS GUESTS OR EMPLOYEES SHALL PROVIDE ACCESSIBLE PARKING AS REQUIRED BY SECTION 1129B.
2. ACCESSIBLE PARKING SPACES SERVING A PARTICULAR BUILDING SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE ENTRANCE (AS NEAR AS PRACTICAL TO AN ACCESSIBLE ENTRANCE).
3. IN PARKING FACILITIES THAT DO NOT SERVE A PARTICULAR BUILDING, ACCESSIBLE PARKING SHALL BE LOCATED ON THE SHORTEST ROUTE OF TRAVEL TO AN ACCESSIBLE PEDESTRIAN ENTRANCE OF THE PARKING FACILITY. SECTION 1129B.1
4. IN BUILDINGS WITH MULTIPLE ACCESSIBLE ENTRANCES WITH ADJACENT PARKING, ACCESSIBLE PARKING SPACES SHALL BE DISPERSED AND LOCATED CLOSEST TO THE ACCESSIBLE ENTRANCES. SECTION 1129B.1
5. WHERE SINGLE ACCESSIBLE PARKING SPACES ARE PROVIDED, THEY SHALL BE 14 FEET WIDE AND LINED TO PROVIDE A 9-FOOT PARKING AREA AND A 5-FOOT LOADING AND UNLOADING ACCESS AISLE ON THE PASSENGER SIDE OF THE VEHICLE. THE WORDS "NO PARKING" SHALL BE PAINTED ON THE GROUND WITHIN EACH 5-FOOT LOADING AND UNLOADING ACCESS AISLE. THIS NOTICE SHALL BE PAINTED IN WHITE LETTERS NOT LESS THAN 12 INCHES HIGH AND LOCATED SO THAT IT IS VISIBLE TO TRAFFIC ENFORCEMENT OFFICIALS. SEC. 1129B.3.1
6. WHEN MORE THAN ONE ACCESSIBLE PARKING SPACE IS PROVIDED IN LIEU OF PROVIDING A 14-FOOT WIDE SPACE FOR EACH PARKING SPACE, TWO SPACES CAN BE PROVIDED WITHIN A 23-FOOT WIDE AREA LINED TO PROVIDE A 9-FOOT PARKING AREA ON EACH SIDE OF A 5-FOOT LOADING AND UNLOADING ACCESS AISLE IN THE CENTER. THE WORDS "NO PARKING" SHALL BE PAINTED ON THE GROUND WITHIN EACH 5-FOOT LOADING AND UNLOADING ACCESS AISLE. THIS NOTICE SHALL BE PAINTED IN WHITE LETTERS NOE LESS THAN 12 INCHES HIGH AND LOCATED SO THAT IT IS VISIBLE TO TRAFFIC ENFORCEMENT OFFICIALS. SEC. 1129B.3.1
7. ONE IN EVERY EIGHT ACCESSIBLE SPACES, BUT NOT LESS THAN ONE, SHALL BE SERVED BY AN ACCESS AISLE 96 INCHES WIDE MINIMUM PLACED ON THE SIDE OPPOSITE THE DRIVER'S SIDE WHEN THE VEHICLE IS GOING FORWARD INTO THE PARKING SPACE AND SHALL BE DESIGNATED "VAN ACCESSIBLE". ALL SUCH SPACES MAY BE GROUPED ON ONE LEVEL OF A PARKING STRUCTURE. SECTION 1129B.3.2.
8. THE MINIMUM LENGTH OF AN ACCESSIBLE PARKING SPACE SHALL BE 18 FEET.
9. ACCESSIBLE PARKING SPACES SHALL BE LOCATED SO PERSONS WITH DISABILITIES ARE NOT COMPELLED TO WHEEL OR WALK BEHIND PARKING SPACES OTHER THAN THEIR OWN ACCESSIBLE PARKING SPACE. SECTION 1129B.3.3.
10. RAMPS SHALL NOT ENCROACH INTO ANY ACCESSIBLE PARKING SPACE OR THE ADJACENT ACCESS AISLE.
11. SURFACE SLOPES OF ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL BE THE MINIMUM POSSIBLE AND SHALL NOT EXCEED ONE UNIT VERTICAL IN 50 UNITS HORIZONTAL (2 PERCENT SLOPE) IN ANY DIRECTION. SECTION 1129B.3.4.
12. IN EACH PARKING AREA, A BUMPER OR CURB SHALL BE PROVIDED IF REQUIRED TO PREVENT ENCROACHMENT OF CARS OVER THE REQUIRED WIDTH OF WALKWAYS.
13. PEDESTRIAN WAYS WHICH ARE ACCESSIBLE TO PEOPLE WITH DISABILITIES SHALL BE PROVIDED FROM EACH SUCH PARKING SPACE TO RELATED FACILITIES, INCLUDING CURB CUTS OR RAMPS AS NEEDED.
14. PROVIDE MINIMUM VERTICAL CLEARANCE OF 8 FEET 2 INCHES AT ACCESSIBLE PARKING SPACES AND ALONG AT LEAST ONE VEHICLE ACCESS ROUTE TO SUCH SPACES FROM SITE ENTRANCES AND EXITS.
15. EACH PARKING SPACE RESERVED FOR PERSONS WITH DISABILITIES SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN PERMANENTLY POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE, CONSISTING OF THE INTERNATIONAL SYMBOL OF ACCESSIBILITY IN WHITE ON A DARK BLUE BACKGROUND. THE SIGN SHALL NOT BE SMALLER THAN 70 INCHES SQUARE IN AREA AND WHEN IN A PATH OF TRAVEL SHALL BE POSTED AT A MINIMUM HEIGHT OF 80 INCHES FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISHED GRADE. SIGNS TO IDENTIFY ACCESSIBLE PARKING SPACES MAY BE CENTERED ON A WALL AT THE INTERIOR END OF THE PARKING SPACE.
16. AN ADDITIONAL SIGN OR ADDITIONAL LANGUAGE BELOW THE SYMBOL OF ACCESSIBILITY SHALL STATE "MINIMUM FINE $250".
17. VAN ACCESSIBLE PARKING SPACES SHALL HAVE AN ADDITIONAL SIGN OR ADDITIONAL LANGUAGE STATING "VAN ACCESSIBLE" BELOW THE SYMBOL OF ACCESSIBILITY.
18. AN ADDITIONAL SIGN SHALL ALSO BE POSTED IN A CONSPICUOUS PLACE AT EACH ENTRANCE TO OFF STREET PARKING FACILITIES OR IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH ACCESSIBLE STALL OR SPACE. THE SIGN SHALL BE NOT LESS THAN 17 INCHES BY 22 INCHES IN SIZE WITH 1 INCH HIGH MINIMUM LETTERING, WHICH CLEARLY AND CONSPICUOUSLY STATES THE FOLLOWING:

   "UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACECARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT THE OWNERS EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT______________________ OR BY TELEPHONING_________________"
   (BLANK SPACES ARE TO FILLED IN WITH APPROPRIATE INFORMATION AS A PERMANENT PART OF THE SIGN).
19. THE SURFACE OF EACH ACCESSIBLE PARKING SPACE OR STALL SHALL HAVE A SURFACE IDENTIFICATION DUPLICATING EITHER OF THE FOLLOWING SCHEMES:
   a) BY OUTLINING OR PAINTING THE STALL OR SPACE IN BLUE AND OUTLINING ON THE GROUND IN THE STALL OR SPACE IN WHITE OR SUITABLE CONTRASTING COLOR A PROFILE VIEW DEPICTING A WHEELCHAIR WITH OCCUPANT; OR
   b) BY OUTLINING A PROFILE VIEW OF A WHEELCHAIR WITH OCCUPANT IN WHITE ON BLUE BACKGROUND. THE PROFILE VIEW SHALL BE LOCATED SO THAT IT IS VISIBLE TO A TRAFFIC ENFORCEMENT OFFICER WHEN A VEHICLE IS PROPERLY PARKED IN THE SPACE AND STALL BE 36 INCHES HIGH BY 30 INCHES WIDE.
20. ALL ENTRANCES TO AND VERTICAL CLEARANCES WITHIN PARKING STRUCTURES SHALL COMPLY WITH SECTION 1129B.3, ITEM 5 WHERE REQUIRED FOR ACCESSIBILITY TO ACCESSIBLE PARKING SPACES.
21. WHEN DIRECT ACCESS IS PROVIDED FOR PEDESTRIANS FROM A PARKING GARAGE TO A BUILDING, EACH DIRECT ENTRANCE FROM THE GARAGE TO THE BUILDING MUST BE ACCESSIBLE.

15. PASSENGER DROP OFF & LOADING ZONES

1. WHEN PROVIDED, PASSENGER DROP OFF AND LOADING ZONES SHALL BE LOCATED ON AN ACCESSIBLE ROUTE OF TRAVEL.

16. ELECTRICAL

1. THE HIGHEST OPERABLE PART OF ALL CONTROLS, DISPENSERS, RECEPTACLES AND OTHER OPERABLE EQUIPMENT SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION MEETING THE CLEARANCES AND REACH RANGE REQUIREMENTS OF SECTIONS 1118B.5 AND 1118B.6 (1117B.6.3)
2. CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES OR COOLING, HEATING AND VENTILATING EQUIPMENT, SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE OUTLET BOX NOR LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE OUTLET BOX TO LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM. (1117B.6.5.1)
3. ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLE SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING NOR LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM. (1117B.6.5.2)

17. NOTIFICATION APPLIANCES FOR THE HEARING IMPAIRED

NOTE: IF EMERGENCY WARNING SYSTEMS ARE PROVIDED AND REQUIRED WITHIN THE TENANT SPACES, THEY SHALL INCLUDE BOTH AUDIBLE AND VISUAL ALARMS COMPLYING WITH NFPA 72 AND CHAPTER 9 SECTIONS 907.5.2.1 AND 907.5.2.3 (1114B.2.2)

APPROVED NOTIFICATION APPLIANCES FOR THE HEARING AND VISUALLY IMPAIRED SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF NFPA 72 IN THE FOLLOWING AREAS:

a.) LOBBIES
b.) MEETING ROOMS
c.) ANY OTHER AREA FOR COMMON USE

2. STROBE SIGNALING DEVICES REQUIRED FOR THE HEARING IMPAIRED SHALL BE STATE FIRE MARSHALL APPROVED AND LISTED.

8. HAZARDS AND PROTRUDING OBJECTS

1. IF A WALK CROSSES OR ADJOINS A VEHICULAR WAY, AND THE WALKING SURFACES ARE NOT SEPARATED BY CURBS, RAILINGS OR OTHER ELEMENTS BETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS, THE BOUNDARY BETWEEN THE AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE WARNING WHICH IS 36 INCHES (914 MM) WIDE, COMPLYING WITH SECTION 1121B.3.1, ITEM 8(A).

   ONLY APPROVED DSA-AC DETECTABLE WARNING PRODUCTS AND DIRECTIONAL SURFACES SHALL BE INSTALLED AS PROVIDED IN THE CALIFORNIA CODE OF REGULATIONS (CCR), TITLE 24, PART 1, ARTICLES 2, 3 AND 4.1133B.6.2 (1133B.8.5)

9. CONTROLS AND OPERATING MECHANISMS

1. CONTROLS AND OPERATING MECHANISM IN ACCESSIBLE SPACES, ALONG ACCESSIBLE ROUTES OR AS PART OF ACCESSIBLE ELEMENTS AND THOSE IN SECTION 1.9.1 ARE REQUIRED TO BE ACCESSIBLE. (1117B.6.1)
2. CLEAR FLOOR SPACE COMPLYING WITH SECTION 1118B.4 THAT ALLOWS A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT. (1117B.6.2)
3. THE HIGHEST AND LOWEST OPERABLE PART OF ALL CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT SHALL BE PLACED WITHIN ONE OF THE REACH RANGES SPECIFIED IN SECTIONS 1118B.5 AND 1118B.6.3. (1117B.6.3)
4. CONTROLS AND OPERATING MECHANISM SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PUNCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS. (1117B.6.4)
5. FOR ACCESSIBLE LAVATORIES, FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE FAUCET CONTROLS AND OPERATING MECHANISMS FOR KITCHEN SINKS SHALL BE NO GREATER THAN 5 POUNDS PER FOOT LEVER-OPERATED, PUSH-TYPE, AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS. (1115B.4.3)

10. SPACE ALLOWANCE AND REACH RANGES

1. THE MINIMUM CLEAR FLOOR OR GROUND SPACE REQUIRED TO ACCOMMODATE A SINGLE, STATIONARY WHEELCHAIR AND OCCUPANT IS 30 INCHES BY 48 INCHES. THE MINIMUM CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS MAY BE POSITIONED FOR FORWARD OR PARALLEL APPROACH TO AN OBJECT. CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS MAY BE A PART OF THE KNEE SPACE REQUIRED UNDER SOME OBJECTS. (1117B.2.3, 1118B.4.1, FIG. 11-B-5A)
2. ONE FULL-UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE FOR A WHEELCHAIR SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER WHEELCHAIR CLEAR FLOOR SPACE. IF A CLEAR FLOOR OR GROUND SPACE IS LOCATED IN AN ALCOVE OR OTHERWISE CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING CLEARANCES SHALL BE PROVIDED. (1117B.2.4, 1118B.4.2, FIG. 11-B-5A)
3. THE SPACE REQUIRED FOR A WHEELCHAIR TO MAKE A 180-DEGREE TURN IS A CLEAR SPACE OF 60 INCHES DIAMETER OR A T-SHAPED SPACE. (1118B.3, FIG. 11B-12(a) & (b))
4. THE MINIMUM CLEAR WIDTH REQUIRED FOR A WHEELCHAIR TO TURN AROUND AN OBSTRUCTION SHALL BE 36 INCHES MINIMUM WHERE THE OBSTRUCTION IS 48 INCHES OR MORE IN LENGTH; 42 INCHES MINIMUM WHERE THE OBSTRUCTION IS LESS THAN 48 INCHES IN LENGTH. (FIG. 11B-5E)
5. THE MINIMUM CLEAR WIDTH FOR SINGLE WHEELCHAIR PASSAGE SHALL BE 32 INCHES AT A POINT AND 36 INCHES CONTINUOUSLY. (1118B.1, FIG. 11B-11)
6. THE MINIMUM WIDTH FOR TWO WHEELCHAIRS TO PASS IS 60 INCHES. (1118B.2, FIG. 11B-11)
7. IF THE CLEAR FLOOR SPACE ALLOWS FORWARD APPROACH TO AN OBJECT, THE MAXIMUM HIGH FORWARD REACH ALLOWED SHALL BE 48". SEE FIGURE 11B-5C(A). THE MINIMUM LOW FORWARD REACH IS 15". IF THE HIGH FORWARD REACH IS OVER AN OBSTRUCTION, REACH AND CLEARANCES SHALL BE AS SHOWN IN FIGURE 11B-5C(B). SEE DET. U/-
8. IF THE CLEAR FLOOR SPACE ALLOWS PARALLEL APPROACH BY A PERSON IN A WHEELCHAIR, THE MAXIMUM HIGH SIDE REACH ALLOWED SHALL BE 54" AND THE LOW SIDE REACH SHALL BE NO LESS THAN 9" ABOVE THE FLOOR AS SHOWN IN FIGURES 11B-5D(A) & (B). IF THE SIDE REACH IS OVER AND OBSTRUCTION, THE REACH AND CLEARANCES SHALL BE AS SHOWN IN FIGURE 11B-5D(C). SEE DET. V/-

11. EMPLOYEE WORK AREA & WORK STATIONS

WORK STATION IS DEFINED AS "AN AREA DEFINED BY EQUIPMENT AND/OR WORK SURFACES INTENDED FOR USE BY EMPLOYEES ONLY, GENRALLY FOR ONE OR A SMALL NUMBER OF EMPLOYEES AT A TIME..." (1102B)

1. EMPLOYEE AREAS SHALL COMPLY WITH THE ACCESSIBILTY REQUIREMENTS OF CHAPTER 11B. (1123B.1)
2. SPECIFIC WORKSTATIONS NEED ONLY COMPLY WITH AISLE WIDTH AND FLOOR LEVELS AND ENTRYWAYS SHALL BE 32 INCHES IN CLEAR WIDTH. AISLE SHALL NOT BE LESS THAN 36 INCHES IF SERVING ONLY ONE SIDE AND NOT LESS THAN 44 INCHES WIDE IF SERVING BOTH SIDES. 1123B.2, 1133B.6.2)
3. EMPLOYEE WORK AREAS SHALL HAVE A MINIMUM OF 36 INCHES CLEAR WIDTH ACCESS. (1105B.3.2.3, 1105B.3.3.2)

12. FIXED OR BUILT-IN SEATING, TABLES AND COUNTERS

1. WHERE FIXED OR BUILT-IN SEATING, TABLES OR COUNTERS ARE PROVIDED IN ACCESSIBLE PUBLIC USE OR COMMON USE AREA, FIVE PERCENT BUT NEVER LESS THAN ONE MUST BE ACCESSIBLE, AS REQUIRED IN SECTION 1122B. (1122B.1)
2. IF SEATING SPACES FOR PERSONS IN WHEELCHAIRS ARE PROVIDED AT FIXED TABLES OR COUNTERS, CLEAR FLOOR SPACE COMPLYING WITH SECTION 1118B.4 SHALL BE PROVIDED. SUCH CLEAR FLOOR SPACE SHALL NOT OVERLAP KNEE SPACE BY MORE THAN 19 INCHES. (1122B.2, FIG. 11B-13)
3. IF SEATING FOR PERSONS IN WHEELCHAIRS IS PROVIDED AT FIXED TABLES OR COUNTERS, KNEE SPACE AT LEAST 27 INCHES HIGH, 30 INCHES WIDE AND 19 INCHES DEEP SHALL BE PROVIDED. (1122B.3, FIG. 11B-13)
4. THE TOPS OF TABLES AND COUNTERS SHALL BE 28 INCHES TO 34 INCHES FROM THE FLOOR OR GROUND. (1122B.4)
5. WHERE A SINGLE COUNTER CONTAINS MORE THAN ONE TRANSACTION STATION, SUCH AS A BANK COUNTER WITH MULTIPLE TELLER WINDOWS OR A RETAIL SALES COUNTER WITH MULTIPLE CASH REGISTER STATIONS, AT LEAST 5 PERCENT, BUT NEVER LESS THAN ONE OF EACH TYPE OF STATION SHALL BE LOCATED AT A SECTION OF COUNTER THAT IS AT LEAST 36 INCHES LONG AND NO MORE THAN 28 TO 34 INCHES HIGH. (1122B.4)

13. SIGNS & IDENTIFICATION

CALIFORNIA'S STANDARDS FOR SIGNAGE ARE MORE STRINGENT THAN SECTION 4.30 OF THE ADA STANDARDS FOR ACCESSIBLE DESIGN. SEC 1117B.5

THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY DISABLED PERSONS AS SET FORTH IN TITLE 24 AND AS SPECIFICALLY REQUIRED IN THIS SECTION. SEC 1117B.5.8, FIG 11B-6

1. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15090 IN FEDERAL STANDARD 595B. SEC 1117B5.8.1.1
2. ALL BUILDING FACILITY ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE IDENTIFIED WITH A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AND WITH ADDITIONAL DIRECTIONAL SIGNS TO BE VISIBLE TO PERSONS ALONG APPROACHING CIRCULATION PATHS, SEC 1117B.5.8.1.2, 112B.3
3. WHERE PERMANENT IDENTIFICATION SIGNS ARE PROVIDED FOR ROOMS AND SPACES OF A BUILDING OR SITE, RAISED CHARACTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH SECTION 1117B.5.2 THROUGH 1117B.5.7. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH OUTSIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60 INCHES ABOVE THE FINISHED FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR. SEC 1117B.5.1, 1117B.5.7
4. WHEN SIGNS DIRECT TO OR GIVE INFORMATION ABOUT PERMANENT ROOMS AND FUNCTIONAL SPACES OF A BUILDING OR SITE, THEY SHALL COMPLY WITH SECTIONS 1117B.5.2, 1117B.5.3 AND 1117B.5.4. FOR OTHER MEANS OF EGRESS SIGNS AND IDENTIFICATION SEE CHAPTER 10, SECTIONS 1011.3, 1022.8, 1008.1.9.7, 1007.9, 1007.10, 1007.11 AND 1007.4. (1117B.5.1.2)
5. WHEN RAISED CHARACTERS OR WHEN PICTOGRAM SYSMBOLS ARE USED, THEY SHALL CONFORM TO THE FOLLOWING:
   a.) CHARACTERS ON SIGNS SHALL BE RAISED 1/32-INCH MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY CONTRACTED (GRADE 2) BRAILLE COMPLYING WITH SECTION 1117B.5.6. (1117B.5.5.1)
   b.) RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8 INCH HIGH AND A MAXIMUM OF 2 INCHES HIGH. (1117B.5.5.2)
   c.) PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE OUTSIDE DIMENSION OF THE PICTOGRAM FIELD SHALL BE A MINIMUM OF 6 INCHES IN HEIGHT. (1117B.5.5.3)
   d.) CHARACTERS AND BRAILLE SHALL BE IN A HORIZONTAL FORMAT. BRAILLE SHOULD BE PLACED A MINIMUM OF 3/8-INCH AND A MAXIMUM OF 1/2-INCH DIRECTLY BELOW THE TACTILE CHARACTERS; FLUSH LEFT OR CENTERED. WHEN TACTILE SIGN IS MULTI-LINED, ALL BRAILLE SHALL BE PLACED TOGETHER BELOW ALL LINES OF TACTILE TEXT. (1117B.5.5.4)

3. RECESSED DOORMATS SHALL BE ADEQUATELY ANCHORED TO PREVENT INTERFERENCE WITH WHEELCHAIR TRAFFIC. (1133B.1.1.1.3)
4. ALL GATES, INCLUDING TICKET GATES, SHALL MEET ALL APPLICABLE ACCESSIBILITY SPECIFICATIONS OF DOORS. (1133B.2.2)
5. EVERY REQUIRED EXIT DOORWAY SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES, SHALL HAVE A MINIMUM CLEAR OPENING OF 32 INCHES AND SHALL BE A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3 FEET IN WIDTH AND 6 FEET 8 INCHES IN HEIGHT. (1133B.2.2)
6. THE SPACE BETWEEN TWO CONSECUTIVE DOOR OPENINGS IN A VESTIBULE, SERVING OTHER THAN A REQUIRED EXIT STAIRWAY, SHALL PROVIDE A MINIMUM OF 48 INCHES OF CLEAR SPACE FROM ANY DOOR OPENING INTO SUCH VESTIBULE WHEN THE DOOR IS POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. DOORS IN A SERIES SHALL SWING EITHER IN THE SAME DIRECTION OR AWAY FROM THE SPACE BETWEEN THE DOORS. (1133B.2.4.4)

5. DOORS

1. MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS AND SURFACE BOLTS OR ANY OTHER TYPE OF DEVICE THAT MAY BE USED TO CLOSE OR RESTRAIN THE DOOR OTHER THAN BY OPERATION OF THE LOCKING DEVICE SHALL NOT BE USED. WHERE EXIT DOORS ARE USED IN PAIRS AND APPROVED AUTOMATIC FLUSH BOLTS ARE USED, THE DOOR LEAF HAVING THE AUTOMATIC FLUSH BOLTS SHALL HAVE NO DOOR KNOB OR SURFACE-MOUNTED HARDWARE. THE UNLATCHING OF ANY LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION.
2. BARS, GRILLES, OR SIMILAR DEVICES PLACED OVER EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, OR ANY SPECIAL KNOWLEDGE OR EFFORT. SUCH BARS, GRILLES, GRATES, OR SIMILAR DEVICES SHALL BE EQUIPPED WITH AN APPROVED RELEASE DEVICE FOR USE BY THE FIRE DEPARTMENT ONLY ON THE EXTERIOR SIDE FOR THE PURPOSE OF FIRE DEPARTMENT EMERGENCY ACCESS, WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
3. DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON DOORS REQUIRED TO BE ACCESSIBLE SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. MANUALLY OPERATED BOLTS OR SURFACE BOLTS ARE NOT PERMITTED. THE UNLATCHING OF ANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION. (1008.1.9.1, 1008.1.9.4, 1008.1.9.5)
4. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, BY PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN THE EGRESS DIRECTION. (1133B.2.5.2)
5. HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30 INCHES AND 44 INCHES ABOVE THE FLOOR. (1133B.2.5.2)
6. WHEN INSTALLED, DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32 INCHES WITH THE DOOR OPEN 90 DEGREES. (1133B.1.1.1.1)
7. FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. (1133B.2.3)
8. WHERE A PAIR OF DOORS IS UTILIZED, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32 INCHES WITH THE LEAF POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. (1133B.2.3.1)
9. MINIMUM MANEUVERING CLEARANCES AT DOORS SHALL BE AS SHOWN IN FIGURE 11B-26A, 11B-26B & 11B-26C. THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR. (1133B.2.4.2)
10. THERE SHALL BE A LEVEL AND CLEAR FLOOR OR LANDING ON EACH SIDE OF A DOOR. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60 INCHES AND THE LENGTH OPPOSITE THE DIRECTION OF DOOR SWING OF 48 INCHES AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN THE CLOSED POSITION. (1133B.2.4.2)
11. THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND 24 INCHES PAST THE STRIKE EDGE OF FOR EXTERIOR DOORS AND 18 INCHES PAST THE STRIKE EDGE FOR INTERIOR DOORS. WHERE THE PLANE OF THE DOORWAY IS OFFSET OR LOCATED IN AN ALCOVE A DISTANCE MORE THAN 8 INCHES MEASURED FROM THE PLANE OF THE DOORWAY TO THE FACE OF THE WALL, THE DOORS SHALL BE PROVIDED WITH 60 INCHES MANEUVERING CLEARANCE FOR FRONT APPROACH. (1133B.2.4.3, 1133B.2.4.5, 1133B.2.5.3)
12. PROVIDE CEAR SPACE OF 12 INCHES PAST STRIKE EDGE OF THE DOOR ON THE OPPOSITE SIDE TO WHICH THE DOOR SWINGS IF THE DOOR IS EQUIPPED WITH BOTH A LATCH AND A CLOSER.
13. THE FLOOR LANDING SHALL BE NOT MORE THAN 1/2 INCH LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGE IN LEVEL BETWEEN 1/4 INCH AND 1/2 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN ONE UNIT VERTICAL IN 2 UNITS HORIZONTAL. (1133B.2.4.1)
14. THE BOTTOM 10 INCHES OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. WHERE NARROW FRAME DOORS ARE USED, A 10 INCH HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE OF THE DOOR, WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. (1133B.2.6)
15. THE MAXIMUM FORCE REQUIRED TO PUSH OR PULL OPEN A DOOR SHALL COMPLY WITH THE FOLLOWING. PUSH OR PULL FORCE FOR A HINGE DOOR SHALL BE MEASURED PERPENDICULAR TO THE DOOR FACE AT THE DOOR OPENING HARDWARE OR 30 INCHES FROM THE HINGE SIDE, WHICHEVER IS FARTHER FROMTHE HINGE. PUSH OR PULL FORCE FOR A SLIDING OR FOLDING DOOR SHALL BE MEASURED PARALLEL TO THE DOOR AT THE DOOR PULL OR LATCH. COMPENSATING DEVISES OR AUTOMATIC DOOR OPERATORS COMPLYING WITH SECTION 1133B.2.3.2 MAY BE USED TO MEET THE MAXIMUM FORCE LIMITS (1133B.2.5)
   a. REQUIRED FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 LBF.
   b. OTHER THAN REQUIRED FIRE DOOR, INTERIOR DOORS SHALL HAVE A MAXIMUM OPENING FORCE OF 5 LBF.
   c. OTHER THAN REQUIRED FIRE DOORS, EXTERIOR DOORS SHALL HAVE A MAXIMUM OPENING FOR OF 5 LBF.
16. WHEN THE DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 INCHES FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR. (1133B.2.5.1)
17. WHEN AN AUTOMATIC OR POWER ASSISTED DOOR OPERATOR IS UTILIZED TO OPERATE A PAIR OF DOORS, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR UNOBSTRUCTED OPENING WIDTH OF 32 INCHES WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. AUTOMATIC DOORS SHALL COMPLY WITH BHMA A156.10 OR BHMA A156.19.

6. FLOORS AND LEVELS

NOTE: LEVEL AREA IS DEFINED AS "A SPECIFIED SURFACE THAT DOES NOT HAVE A SLOPE IN ANY DIRECTION EXCEEDING ONE UNIT VERTICAL IN 50 UNITS HORIZONTAL (2 PERCENT SLOPE)". SEC 1102B

1. IN BUILDINGS AND FACILITIES, FLOORS OF A GIVEN STORY SHALL BE A COMMON LEVEL THROUGHOUT, OR SHALL BE CONNECTED BY PEDESTRIAN RAMPS, PASSENGER ELEVATORS, OR SPECIAL ACCESS LIFTS. SEC 1120B.1
2. GROUND AND FLOOR SURFACES ALONG ACCESSIBLE ROUTES AND IN ACCESSIBLE ROOMS AND SPACES, INCLUDING FLOORS, WALKS, RAMPS, STAIRS, AND CURB RAMPS, SHALL BE STABLE, FIRM, AND SLIP-RESISTANT. SEC 1120B.2 & 1124B.1
3. CHANGES IN LEVEL UP TO 1/4" MAY BE VERTICAL AND WITHOUT EDGE TREATMENT. SEC 1124B.2, FIG 11B-5E(C)
4. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE ACCOMPLISHED BY MEANS OF A RAMP NO STEEPER THAN 1 VERTICAL TO 2 HORIZONTAL (50 PERCENT SLOPE) SEC 1124B.2, FIG 11B-5(D).
5. CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE ACCOMPLISHED BY MEANS OF A CURB RAMP, RAMP OR ELEVATOR. SEC 1124B.2
6. IF CARPET OR CARPET TILE IS USED ON A GROUND OR FLOOR SURFACE, IT SHALL BE SECURELY ATTACHED; HAVE A FIRM CUSHION, PAD OR BACKING OR NO CUSHION OR PAD; AND HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, OR LEVEL CUT/UNCUT PILE TEXTURE. THE MAXIMUM PILE HEIGHT SHALL BE 1/2". EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE. CARPET EDGE TRIM SHALL COMPLY WITH SECTION 1124B.2. SEC 1124B.3, FIG 11B-7E
7. IF GRATINGS ARE LOCATED ON FLOORS, THEN THEY SHALL HAVE SPACES NO GREATER THAN 1/2 INCH WIDE IN ONE DIRECTION. IF GRATINGS HAVE ELONGATED OPENINGS, THEN THEY SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL. SEC 1124B.4, FIG 11B-7E

7. CORRIDORS AND AISLES

1. EVERY CORRIDOR SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL NOT BE LESS THAN 44" IN WIDTH. SEC 1133B.3.1
2. CORRIDORS SERVING AN OCCUPANT LOAD OF LESS THAN 10 SHALL NOT BE LESS THAN 36" IN WIDTH. SEC 1133B.3.1
3. CORRIDORS WHICH ARE LOCATED ON AN ACCESSIBLE ROUTE AND EXCEED 200' IN LENGTH SHALL HAVE A MINIMUM CLEAR WIDTH OF 60". IF AN ACCESSIBLE ROUTE HAS LESS THAN 60" CLEAR WIDTH, THEN PASSING SPACES AT LEAST 60" BY 60" SHALL BE LOCATED AT REASONABLE INTERVALS NOT TO EXCEED 200'. A T-INTERSECTION OF TWO CORRIDORS OR WALKS IS AN ACCEPTABLE PASSING PLACE. SEC 1133B.3.2, FIG 11B-34
4. CIRCULATION AISLES AND PEDESTRIAN WAYS SHALL BE SIZED ACCORDING TO FUNCTIONAL REQUIREMENTS AND IN NO CASE SHALL BE LESS THAN 36" IN CLEAR WIDTH. SEC 1105B.3.6
5. EVERY PORTION OF EVERY BUILDING IN WHICH ARE INSTALLED SEATS, TABLES, MERCHANDISE, EQUIPMENT OR SIMILAR MATERIALS SHALL BE PROVIDED WITH AISLES LEADING TO AN EXIT. SEC 1133B.6.1
6. EVERY AISLE SHALL NOT BE LESS THAN 36" WIDE IF SERVING ONLY ONE SIDE AND NOT LESS THAN 44" WIDE IF SERVING BOTH SIDES. SEC 1133B.6.2
7. AISLES SHALL COMPLY WITH FIGURE 11B-5E(A) AND (B) FOR CIRCULATION AROUND OBSTRUCTIONS. SEC 1133B.6.2

1. SITE DEVELOPMENT & ACCESSIBLE ROUTE OF TRAVEL

1. ACCESSIBLE ROUTE OF TRAVEL IS DEFINED AS "A CONTINUOUS UNOBSTRUCTED PATH CONNECTING ALL ACCESSIBLE ELEMENTS AND SPACES IN AN ACCESSIBLE BUILDING OR FACILITY THAT CAN BE NEGOTIATED BY A PERSON WITH A DISABILITY USING A WHEELCHAIR AND THAT IS ALSO SAFE FOR AND USABLE BY PERSONS WITH OTHER DISABILITIES AND THAT IS CONSISTENT WITH THE DEFINITION OF "PATH OF TRAVEL" (1102B)
2. SITE DEVELOPMENT AND GRADING SHALL BE DESIGNED TO PROVIDE ACCESS TO ALL ENTRANCES AND EXTERIOR GROUND FLOOR EXITS, AND ACCESS TO NORMAL PATHS OF TRAVEL, AND WHERE NECESSARY TO PROVIDE ACCESS, SHALL INCORPORATE PEDESTRIAN RAMPS, CURB RAMPS, ETC. (SEC 1127B.1)
3. AT LEAST ONE ACCESSIBLE ROUTE WITHIN THE BOUNDARY OF THE SITE SHALL BE PROVIDED FROM PUBLIC TRANSPORTATION STOPS. ACCESSIBLE PARKING AND ACCESSIBLE PASSENGER LOADING ZONES, AND PUBLIC STREETS OR SIDEWALKS, TO THE ACCESSIBLE BUILDING ENTRANCE THEY SERVE. THE ACCESSIBLE ROUTE SHALL, TO THE MAXIMUM EXTENT FEASIBLE COINCIDE WITH THE ROUTE FOR THE GENERAL PUBLIC. (1114B.1.2)
4. THE ACCESSIBLE ROUTE OF TRAVEL SHALL BE THE MOST PRACTICAL DIRECT ROUTE BETWEEN ACCESSIBLE BUILDING ENTRANCES, ACCESSIBLE SITE FACILITIES, AND THE ACCESSIBLE ENTRANCE. TO THE SITE. IF ACCESS IS PROVIDED FOR PEDESTRIANS FROM A PEDESTRIAN TUNNEL OR ELEVATED WALKWAY, ENTRANCES TO THE BUILDING EACH TUNNEL OR WALKWAY MUST BE ACCESSIBLE. (1127B.1)
5. WHEN MORE THAN ONE BUILDING OR FACILITY IS LOCATED ON A SITE, ACCESSIBLE ROUTES OF TRAVEL COMPLYING WITH SECTION 1114B1.2 SHALL BE PROVIDED BETWEEN BUILDINGS AND ACCESSIBLE SITE FACILITIES, ACCESSIBLE ELEMENTS AND ACCESSIBLE SPACES THAT ARE ON THE SAME SITE.
6. WHEN A BUILDING OR PORTION OF A BUILDING IS REQUIRED TO BE ACCESSIBLE OR ADAPTABLE, AN ACCESSIBLE ROUTE OF TRAVEL COMPLYING WITH SECTIONS 1102B, 1114B, 1124B, 1133B.3, 1133B.5, 1133B.7 AND 1133B.8.6 SHALL BE PROVIDED TO ALL PORTIONS OF THE BUILDING, TO ACCESSIBLE BUILDING ENTRANCES, AND BETWEEN THE BUILDING AND THE PUBLIC WAY. ALL WALKS, HALLS, CORRIDORS, AISLES, SKYWALKS, TUNNELS AND OTHER SPACES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF THE CODE. SEC 1114B.1.2
7. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT THE FOLLOWING:
   a. ACCESSIBLE BUILDINGS, FACILITIES, ELEMENTS, AND SPACES THAT ARE ON THE SAME SITE.
   b. ACCESSIBLE BUILDING OR FACILITY ENTRANCES WITH ALL ACCESSIBLE SPACES AND ELEMENTS AND WITH ALL ACCESSIBLE DWELLING UNITS WITHIN THE BUILDING OR FACILTY.
   c. THE ACCESSIBLE ROUTE SHALL, TO THE MAXIMUM EXTENT FEASIBLE COINCIDE WITH THE ROUTE FOR THE GENERAL PUBLIC.
   d. ACCESSIBLE ENTRANCE OF EACH ACCESSIBLE DWELLING UNIT WITH THOSE EXTERIOR AND INTERIOR SPACES AND FACILITIES THAT SERVE THE ACCESSIBLE DWELLING UNIT.
8. WHEN MORE THAN ONE ROUTE OF TRAVEL IS PROVIDED, ALL ROUTES SHALL BE ACCESSIBLE. UNLESS OTHERWISE INDICATED, THE MINIMUM CLEAR WIDTH OF AN ACCESSIBLE ROUTE SHALL NOT BE LESS THAN 36 INCHES EXCEPT AT DOORS COMPLYING WITH SECTION 1133B.2 OR OBSTRUCTIONS COMPLYING WITH FIGURE 11B-10. IF A PERSON IN A WHEELCHAIR MUST MAKE A TURN AROUND AN OBSTRUCTION THE MINIMUM CLEAR WIDTH OF THE ACCESSIBLE ROUTE SHALL BE SHOWN IN FIGURE 11B-5E(A) AND (B). SEC 1114B.1.2
9. WHERE SINGLE ACCESSIBLE PARKING SPACES ARE PROVIDED, THEY SHALL BE 14 FEET WIDE AND LINED TO PROVIDE A 9-FOOT PARKING AREA AND A 5-FOOT LOADING AND UNLOADING ACCESS AISLE ON THE PASSENGER SIDE OF THE VEHICLE. THE WORDS "NO PARKING" SHALL BE PAINTED ON THE GROUND WITHIN EACH 5-FOOT LOADING AND UNLOADING ACCESS AISLE. THIS NOTICE SHALL BE PAINTED IN WHITE LETTERS NOT LESS THAN 12 INCHES HIGH AND LOCATED SO THAT IT IS VISIBLE TO TRAFFIC ENFORCEMENT OFFICIALS. (1129B.3.1)
10. WHEN MORE THAN ONE ACCESSIBLE PARKING SPACE IS PROVIDED IN LIEU OF PROVIDING A 14-FOOT WIDE SPACE FOR EACH PARKING SPACES, TWO SPACES CAN BE PROVIDED WITHIN A 23-FOOT WIDE AREA LINED TO PROVIDE A 9-FOOT PARKING AREA ON EACH SIDE OF A 5-FOOT LOADING AND UNLOADING ACCESS AISLE IN THE CENTER. THE WORDS "NO PARKING" SHALL BE PAINTED ON THE GROUND WITHIN EACH 5-FOOT LOADING AND UNLOADING ACCESS AISLE. THIS NOTICE SHALL BE PAINTED IN WHITE LETTERS NOT LESS THAN 12 INCHES HIGH AND LOCATED SO THAT IT IS VISIBLE TO TRAFFIC ENFORCEMENT OFFICIALS. (1129B.3.1)
11. EACH PARKING SPACE RESERVED FOR PERSONS WITH DISABILITIES SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN PERMANENTLY POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE, CONSISTING OF THE INTERNATIONAL SYMBOL OF ACCESSIBILITY IN WHITE ON A DARK BLUE BACKGROUND. THE SIGN SHALL NOT BE SMALLER THAN 70 SQUARE INCHES IN AREA AND WHEN IN A PATH OF TRAVEL SHALL BE POSTED AT A MINIMUM HEIGHT OF 80 INCHES FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISHED GRADE. SIGNS TO IDENTIFY ACCESSIBLE PARKING SPACES MAY BE CENTERED ON A WALL AT THE INTERIOR END OF THE PARKING SPACE. (1129B.4)
12. AN ADDITIONAL SIGN OR ADDITIONAL LANUAGE BELOW THE SYMBOL OF ACCESSIBILITY SHALL STATE "MINIMUM FINE $250."
13. VAN ACCESSIBLE PARKING SPACES SHALL HAVE AN ADDITIONAL SIGN OR ADDITIONAL LANGUAGE STATING "VAN ACCESIBLE" BELOW THE SYMBOL OF ACCESSIBILITY. (1129B.4)
14. AN ADDITIONAL SIGN SHALL ALSO BE POSTED IN A CONSPICUOUS PLACE AT EACH ENTRANCE TO OFF-STREET PARKING FACILITIES OR IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH ACCESSIBLE STALL OR SPACE. THE SIGN SHALL BE NOT LESS THAN 17 INCHES BY 22 INCHES IN SIZE WITH 1 INCH HIGH MINIMUM LETTERING WHICH CLEARLY AND CONSPICUOUSLY STATES THE FOLLOWING:
   "UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACECARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT THE OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMEDAT___________________OR BY TELEPHONING______________.
   (BLANK SPACES ARE TO BE FILLED IN WITH APPROPRIATE INFORMATION AS A PERMANENT PART OF THE SIGN).
15. THE SURFACEOF EACH ACCESSIBLE PARKING SPACE OR STALL SHALL HAVE A SURFACE IDENTIFICATION DUPLICATING EITHER OF THE FOLLOWING SCHEMES:
   a. BY OUTLINING OR PAINTING THE STALL OR SPACE IN BLUE AND OUTLINING ON THE GROUND IN THE STALL OR SPACE IN WHITE OR SUITABLE CONTRASTING COLOR A PROFILE VIEW DEPICTING A WHEELCHAIR WITH OCCUPANT; OR
   b. BY OUTLINING A PROFILE VIEW OF A WHEELCHAIR WITH OCCUPANT IN WHITE ON BLUE BACKGROUND. THE PROFILE VIEW SHALL BE LOCATED SO THAT IT IS VISIBLE TO A TRAFFIC ENFORCEMENT OFFICER WHEN A VEHICLE IS PROPERLY PARKED IN THE SPACE AND SHALL BE 36 INCHES HIGH BY 36 INCHES WIDE.

2. WALKS AND SIDEWALKS

1. WALKS AND SIDEWALKS SUBJECT TO THESE REGULATIONS SHALL HAVE A CONTINUOUS COMMON SURFACE, NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2 INCH (12.7 MM) (SEE SECTION 1133B.7.4)
2. WALKS AND SIDEWALKS SHALL BE A MINIMUM OF 48 INCHES (1219 MM) IN WIDTH. (1133B.7.1, FIG 11B-27(A))
3. CHANGES IN LEVEL UP TO 1/4" INCH MAY BE VERTICAL AND WITHOUT EDGE TREATMENT. (1124B.2)
4. CHANGES IN LEVEL BETWEEN 1/4" INCH AND 1/2" INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN ONE UNIT VERTICAL IN 2 UNITS HORIZONTAL (50 PERCENT SLOPE) (1124B.2)
5. CHANGES IN LEVEL GREATER THAN 1/2 INCH (12.7 MM) SHALL BE ACCOMPLISHED BY MEANS OF A CURB RAMP, RAMP, ELEVATOR OR PLATFORM LIFT THAT COMPLIES WITH SECTION 1127B.5, 1133B.5, 1116B.1 OR 1116B.2, RESPECTIVELY. (1124B.2)
6. WALKS AND SIDEWALK SURFACES SHALL BE SLIP RESISTANT AS FOLLOWS:
   A. SURFACES WITH A SLOPE OF LESS THAN 6-PERCENT SLOPE SHALL BE AT LEAST AS SLIP RESISTANT AS THAT DESCRIBED AS A MEDIUM SALTED FINISH. (1133B.7.1.1)
   B. SURFACES WITH 6-PERCENT OR GREATER SLOPE SHALL BE SLIP-RESISTANT. (1133B.7.1.2)
7. WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS ONE UNIT VERTICAL IN 20 UNITS HORIZONTAL (5-PERCENT GRADIENT), IT SHALL COMPLY WITH THE PROVISIONS OF SECTION 1133B.5. (1133B.7.1.3)
8. WALKS AND SIDEWALK SURFACE CROSS SLOPES SHALL NOT EXCEED ONE UNIT VERTICAL IN 50 UNITS HORIZONTAL (2-PERCENT SLOPE). (1133B.7.1.3)
9. ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE LEVEL AREAS AT LEAST 5 FEET (1524 MM) IN LENGTH AT INTERVALS OF 400 FEET MAXIMUM. (1133B.7.1.5)
10. WALKS, SIDEWALKS AND PEDESTRIAN WAYS SHALL BE FREE OF GRATINGS WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2 INCH (12.7 MM) IN THE DIRECTION OF TRAFFIC FLOW. IF GRATINGS HAVE ELONGATED OPENINGS, THEY SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL. (1133B.7.2, FIG 11B-7E(A))

3. CURB RAMPS

1. THE SURFACE OF EACH CURB RAMP AND ITS FLARED SIDES SHALL COMPLY WITH SECTION 1124B, GROUND AND FLOOR SURFACES, AND SHALL BE OF CONTRASTING FINISH FROM THAT OF THE ADJACENT SIDEWALK. (1127B.5.5)
2. ALL CURB RAMPS SHALL HAVE A GROOVED BORDER 12 INCHES (305 MM) WIDE AT THE LEVEL SURFACE OF THE SIDEWALK ALONG THE TOP AND EACH SIDE APPROXIMATELY 3/4 INCH (19 MM) ON CENTER. ALL CURB RAMPS CONSTRUCTED BETWEEN THE FACE OF THE CURB AND THE STREET SHALL HAVE A GROOVED BORDER AT THE LEVEL SURFACE OF THE SIDEWALK. SEE FIGURES 11B-19A AND 11B-19B. (1127B.5.6)

4. ENTRANCES AND EXITS

1. ALL ENTRANCES AND ALL EXTERIOR GROUND FLOOR EXIT DOORS TO BUILDINGS SHALL BE MADE ACCESSIBLE TO PERSONS WITH DISABILITIES. (1133B.1.1.1.1)
2. DURING PERIODS OF PARTIAL OR RESTRICTED USE OF A BUILDING OR FACILITY, THE ENTRANCES USED FOR PRIMARY ACCESS SHALL BE ACCESSIBLE TO AND USEABLE BY PERSONS WITH DISABILITIES. (1133B.1.1.1.2)

pk:a
pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v: 818.584.0057 f: 818.584.0019
w: pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19

sheet title

ACCESSIBILITY NOTES

drawn by
project no 18-66.60
date
scale

TA0.2

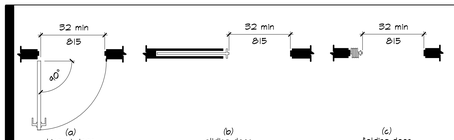


FIGURE IIB-404.2.3
CLEAR WIDTH OF DOORWAYS

IIB-404.2.3 CLEAR WIDTH. DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES (813 MM) MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24 INCHES (610 MM) DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES (914 MM) MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES (864 MM) ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES (864 MM) AND 80 INCHES (2032 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES (102 MM). EXCEPTIONS: 1. IN ALTERATIONS, A PROJECTION OF 5/8 INCH (16 MM) MAXIMUM INTO THE REQUIRED CLEAR WIDTH SHALL BE PERMITTED FOR THE LATCH SIDE STOP. DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78 INCHES (1981 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

CLEAR WIDTH OF DOORWAYS
SCALE: 3/8"=1'-0" — U -

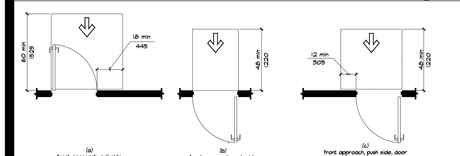


FIGURE IIB-404.2.1

TYPE OF USE MINIMUM		MINIMUM MANEUVERING CLEARANCE	
APPROACH DIRECTION	DOOR OR GATE SIDE	PERPENDICULAR TO DOOR	PARALLEL TO DOORWAY (BEYOND LATCH SIDE UNLESS NOTED)
FROM FRONT	PULL	60 INCHES (1524 MM)	18 INCHES (457 MM) *5
FROM FRONT	PUSH	48 INCHES (1219 MM)	0 INCHES (0 MM) *1
FROM HINGE SIDE	PULL	60 INCHES (1524 MM)	36 INCHES (914 MM)
FROM HINGE SIDE	PULL	60 INCHES (1524 MM)	44 INCHES (1118 MM)
FROM HINGE SIDE	PUSH	44 INCHES (1118 MM) *2	22 INCHES (559 MM) *3
FROM LATCH SIDE	PULL	60 INCHES (1524 MM) *4	24 INCHES (610 MM)
FROM LATCH SIDE	PUSH	44 INCHES (1118 MM) *4	24 INCHES (610 MM)

1. ADD 12 INCHES (305 MM) IF CLOSER AND LATCH ARE PROVIDED.
2. ADD 4 INCHES (102 MM) IF CLOSER AND LATCH ARE PROVIDED.
3. BEYOND HINGE SIDE.
4. ADD 6 INCHES (152 MM) IF CLOSER IS PROVIDED.
5. ADD 6 INCHES (152 MM) AT EXTERIOR CONDITIONS.

TABLE IIB-404.2.4.1 MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES

IIB-404.2.4 MANEUVERING CLEARANCES. MINIMUM MANEUVERING CLEARANCES AT DOORS AND GATES SHALL COMPLY WITH IIB-404.2.4. MANEUVERING CLEARANCES SHALL EXTEND THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE.

EXCEPTION: ENTRY DOORS TO HOSPITAL PATIENT ROOMS SHALL NOT BE REQUIRED TO PROVIDE THE CLEARANCE BEYOND THE LATCH SIDE OF THE DOOR.

IIB-404.2.4.1 SWINGING DOORS AND GATES. SWINGING DOORS AND GATES SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE IIB-404.2.4.1.

TABLE IIB-404.2.4.1 MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES

CLEARANCES @ SWINGING DOORS & GATES
SCALE: 1/4"=1'-0" — V -

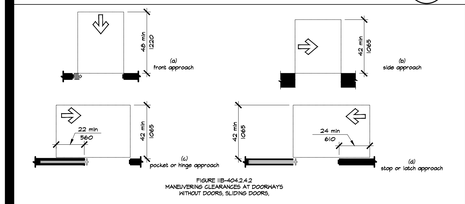


FIGURE IIB-404.2.4.2
MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS, SLIDING DOORS,

IIB-404.2.4.2 DOORWAYS WITHOUT DOORS OR GATES, SLIDING DOORS, AND FOLDING DOORS. DOORWAYS LESS THAN 36 INCHES (914 MM) WIDE WITHOUT DOORS OR GATES, SLIDING DOORS, OR FOLDING DOORS SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE IIB-404.2.4.2

NOTE: REFER TO TABLE
TABLE IIB-404.2.4.2 MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS OR GATES, MANUAL SLIDING DOORS, AND MANUAL FOLDING DOORS

CLEARANCES @ DOORWAYS W/O DOORS
SCALE: 1/4"=1'-0" — W -

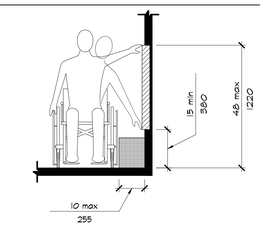
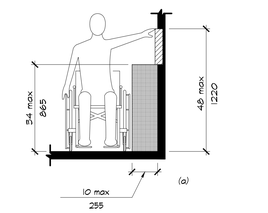


FIGURE IIB-308.1.1

IIB-308.2.1 UNOBSTRUCTED. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES (1219 MM) MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES (381 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

UNOBSTRUCTED SIDE REACH
SCALE: 1/2"=1'-0" — Q -



OBSTRUCTED HIGH REACH. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34 INCHES (864 MM) MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24 INCHES (610 MM) MAXIMUM. THE HIGH SIDE REACH SHALL BE 48 INCHES (1219 MM) MAXIMUM FOR A REACH DEPTH OF 10 INCHES (254 MM) MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 10 INCHES (254 MM), THE HIGH SIDE REACH SHALL BE 46 INCHES (1168 MM) MAXIMUM FOR A REACH DEPTH OF 24 INCHES (610 MM) MAXIMUM.

EXCEPTIONS: 1. THE TOP OF WASHING MACHINES AND CLOTHES DRYERS SHALL BE PERMITTED TO BE 36 INCHES (914 MM) MAXIMUM ABOVE THE FINISH FLOOR.
2. OPERABLE PARTS OF FUEL DISPENSERS SHALL BE PERMITTED TO BE 54 INCHES (1372 MM) MAXIMUM MEASURED FROM THE SURFACE OF THE VEHICULAR WAY WHERE FUEL DISPENSERS ARE INSTALLED ON EXISTING CURBS.

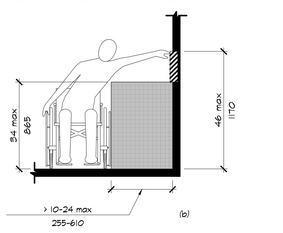


FIGURE IIB-308.3.2

OBSTRUCTED HIGH SIDE REACH
SCALE: 1/2"=1'-0" — R -

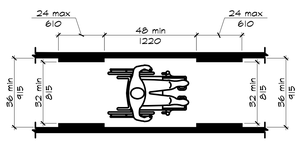


FIGURE IIB-403.5.1

IIB-403.5.1 CLEAR WIDTH. EXCEPT AS PROVIDED IN IIB-403.5.2 AND IIB-403.5.3, THE CLEAR WIDTH OF WALKING SURFACES SHALL BE 36 INCHES (914 MM) MINIMUM. EXCEPTION EXCEPTIONS:

1. THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32 INCHES (813 MM) MINIMUM FOR A LENGTH OF 24 INCHES (610 MM) MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48 INCHES (1219 MM) LONG MINIMUM AND 36 INCHES (914 MM) WIDE MINIMUM.
2. CORRIDORS AND HALLWAYS SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL NOT BE LESS THAN 44 INCHES (1118 MM) IN WIDTH.

CLEAR WIDTH OF AN ACCESSIBLE ROUTE
SCALE: 1/2"=1'-0" — S -

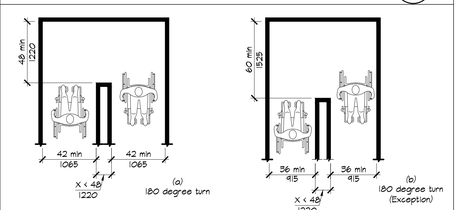


FIGURE IIB-403.5.2

IIB-403.5.2 CLEAR WIDTH AT TURN. WHERE THE ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN ELEMENT WHICH IS LESS THAN 48 INCHES (1219 MM) WIDE, CLEAR WIDTH SHALL BE 42 INCHES (1067 MM) MINIMUM APPROACHING THE TURN, 48 INCHES (1219 MM) MINIMUM AT THE TURN AND 42 INCHES (1067 MM) MINIMUM LEAVING THE TURN. EXCEPTION: WHERE THE CLEAR WIDTH AT THE TURN IS 60 INCHES (1524 MM) MINIMUM COMPLIANCE WITH IIB-403.5.2 SHALL NOT BE REQUIRED.

CLEAR WIDTH AT TURN
SCALE: 1/2"=1'-0" — T -

IIB-307.3 POST-MOUNTED OBJECTS. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS SHALL OVERHANG CIRCULATION PATHS 12 INCHES (305 MM) MAXIMUM WHEN LOCATED 27 INCHES (686 MM) MINIMUM AND 80 INCHES (2032 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. WHERE A SIGN OR OTHER OBSTRUCTION IS MOUNTED BETWEEN POSTS OR PYLONS AND THE CLEAR DISTANCE BETWEEN THE POSTS OR PYLONS IS GREATER THAN 12 INCHES (305 MM), THE LOWEST EDGE OF SUCH SIGN OR OBSTRUCTION SHALL BE 27 INCHES (686 MM) MAXIMUM OR 80 INCHES (2032 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

EXCEPTION: 1. THE SLOPING PORTIONS OF HANDRAILS SERVING STAIRS AND RAMPS SHALL NOT BE REQUIRED TO COMPLY WITH IIB-307.3.

IIB-307.3.1 EDGES AND CORNERS. WHERE SIGNS OR OTHER OBJECTS ARE MOUNTED ON POSTS OR PYLONS, AND THEIR BOTTOM EDGES ARE LESS THAN 80 INCHES (2032 MM) ABOVE THE FLOOR OR GROUND SURFACE, THE EDGES OF SUCH SIGNS AND OBJECTS SHALL BE ROUNDED OR EASED AND THE CORNERS SHALL HAVE A MINIMUM RADIUS OF ¼ INCH (6.2 MM).

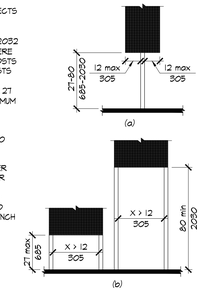


FIGURE IIB-307.3

POST-MOUNTED PROTRUDING OBJECTS
SCALE: 3/4"=1'-0" — L -

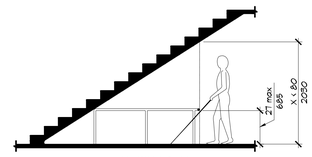


FIGURE IIB-307.4

IIB-307.4 VERTICAL CLEARANCE. VERTICAL CLEARANCE SHALL BE 80 INCHES (2032 MM) HIGH MINIMUM. GUARDRAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80 INCHES (2032 MM) HIGH. THE LEADING EDGE OF SUCH GUARDRAIL OR BARRIER SHALL BE LOCATED 27 INCHES (686 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

EXCEPTION: DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78 INCHES (1981 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

WHERE A GUY SUPPORT IS USED WITHIN EITHER THE WIDTH OF A CIRCULATION PATH OR 24 INCHES MAXIMUM OUTSIDE OF A CIRCULATION PATH, A VERTICAL GUY BRACE, SIDEWALK GUY OR SIMILAR DEVICE SHALL BE USED TO PREVENT A HAZARD OR AN OVERHEAD OBSTRUCTION.

UNOBSTRUCTED FORWARD REACH
SCALE: 3/4"=1'-0" — M -

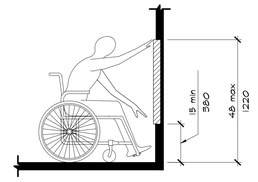
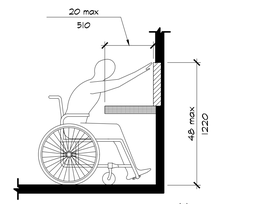


FIGURE IIB-308.2.1

IIB-308.2.1 UNOBSTRUCTED. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES (1219 MM) MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES (381 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

UNOBSTRUCTED FORWARD REACH
SCALE: 1/2"=1'-0" — N -



IIB-308.2.2 OBSTRUCTED HIGH REACH. WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48 INCHES (1219 MM) MAXIMUM WHERE THE REACH DEPTH IS 20 INCHES (508 MM) MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 20 INCHES (508 MM), THE HIGH FORWARD REACH SHALL BE 44 INCHES (1118 MM) MAXIMUM AND THE REACH DEPTH SHALL BE 25 INCHES (635 MM) MAXIMUM.

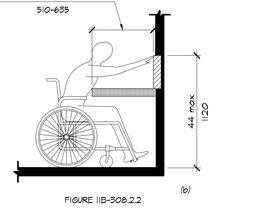


FIGURE IIB-308.2.2

OBSTRUCTED HIGH FORWARD REACH
SCALE: 1/2"=1'-0" — P -

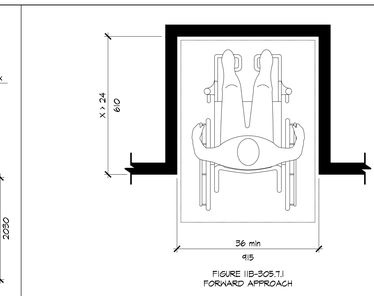


FIGURE IIB-306.1

IIB-306.1 GENERAL. AT LEAST ONE ACCESSIBLE MANEUVERING CLEARANCE SHALL BE PROVIDED WHERE A CLEAR FLOOR OR GROUND SPACE IS LOCATED IN AN ALCOVE OR OTHERWISE CONFINED ON ALL OR PART OF THREE SIDES. ADDITIONAL MANEUVERING CLEARANCE SHALL BE PROVIDED IN ACCORDANCE WITH IIB-305.7.1 AND IIB-305.7.2.

IIB-305.7.1 FORWARD APPROACH. ALCOVES SHALL BE 36 INCHES (914 MM) WIDE MINIMUM WHERE THE DEPTH EXCEEDS 24 INCHES (610 MM).

IIB-305.7.2 PARALLEL APPROACH. ALCOVES SHALL BE 60 INCHES (1524 MM) WIDE MINIMUM WHERE THE DEPTH EXCEEDS 15 INCHES (381 MM).

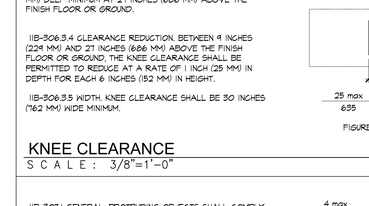


FIGURE IIB-305.7.2
PARLLEL APPROACH

MANEUVERING CLEARANCE IN AN ALCOVE
SCALE: 3/4"=1'-0" — G -

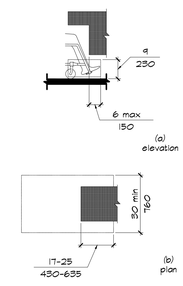


FIGURE IIB-306.2

IIB-306.2.1 GENERAL. SPACE UNDER AN ELEMENT BETWEEN THE FINISH FLOOR OR GROUND AND 9 INCHES (229 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED TOE CLEARANCE AND SHALL COMPLY WITH IIB-306.2.

IIB-306.2.2 MAXIMUM DEPTH. TOE CLEARANCE SHALL EXTEND 25 INCHES (635 MM) MAXIMUM UNDER AN ELEMENT.

IIB-306.2.3 MINIMUM REQUIRED DEPTH. WHERE TOE CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17 INCHES (432 MM) MINIMUM UNDER THE ELEMENT.

EXCEPTION: THE TOE CLEARANCE SHALL EXTEND 19 INCHES (483 MM) MINIMUM UNDER ACCESSIBLE SINKS.

IIB-306.2.4 ADDITIONAL CLEARANCE. SPACE EXTENDING GREATER THAN 6 INCHES (152 MM) BEYOND THE AVAILABLE KNEE CLEARANCE AT 9 INCHES (229 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL NOT BE CONSIDERED TOE CLEARANCE.

IIB-306.2.5 WIDTH. TOE CLEARANCE SHALL BE 30 INCHES (762 MM) WIDE MINIMUM.

TOE CLEARANCE
SCALE: 3/8"=1'-0" — H -

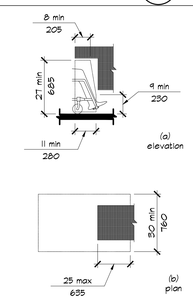


FIGURE IIB-306.3

IIB-306.3.1 GENERAL. SPACE UNDER AN ELEMENT BETWEEN 9 INCHES (229 MM) AND 27 INCHES (686 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED KNEE CLEARANCE AND SHALL COMPLY WITH IIB-306.3.

IIB- 306.3.2 MAXIMUM DEPTH. KNEE CLEARANCE SHALL EXTEND 25 INCHES (635 MM) MAXIMUM UNDER AN ELEMENT AT 9 INCHES (229 MM) ABOVE THE FINISH FLOOR OR GROUND.

IIB-306.3.3 MINIMUM REQUIRED DEPTH. WHERE KNEE CLEARANCE IS REQUIRED UNDER AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE KNEE CLEARANCE SHALL BE 11 INCHES (279 MM) DEEP MINIMUM AT 9 INCHES (229 MM) ABOVE THE FINISH FLOOR OR GROUND, AND 8 INCHES (203 MM) DEEP MINIMUM AT 27 INCHES (686 MM) ABOVE THE FINISH FLOOR OR GROUND.

IIB-306.3.4 CLEARANCE REDUCTION. BETWEEN 9 INCHES (229 MM) AND 27 INCHES (686 MM) ABOVE THE FINISH FLOOR OR GROUND, THE KNEE CLEARANCE SHALL BE PERMITTED TO REDUCE AT A RATE OF 1 INCH (25 MM) IN DEPTH FOR EACH 6 INCHES (152 MM) IN HEIGHT.

IIB-306.3.5 WIDTH. KNEE CLEARANCE SHALL BE 30 INCHES (762 MM) WIDE MINIMUM.

KNEE CLEARANCE
SCALE: 3/8"=1'-0" — J -

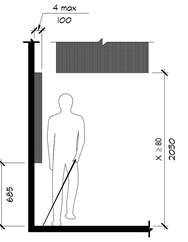


FIGURE IIB-307.2

IIB-307.1 GENERAL. PROTRUDING OBJECTS SHALL COMPLY WITH IIB-307.

IIB-307.2 PROTRUSION LIMITS. OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES (686 MM) AND NOT MORE THAN 80 INCHES (2032 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4 INCHES (102 MM) MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH.

EXCEPTION: HANDRAILS SHALL BE PERMITTED TO PROTRUDE 4½ INCHES (114 MM) MAXIMUM.

PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH REQUIRED FOR ACCESSIBLE ROUTES. IIB-307.5

LIMITS OF PROTRUDING OBJECTS
SCALE: 3/8"=1'-0" — K -

CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND SHALL HAVE A FIRM CUSHION, PAD, OR BACKING OR NO CUSHION OR PAD. CARPET OR CARPET TILE SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, LEVEL CUT/UNCUT PILE TEXTURE. PILE HEIGHT SHALL BE FASTENED TO FLOOR SURFACE AND SHALL HAVE TRIM ON THE ENTIRE LENGTH OF THE EXPOSED EDGE. CARPET EDGE TRIM SHALL COMPLY WITH SECTION IIB-303.

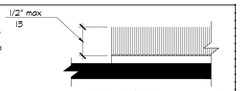


FIGURE IIB-302.2
CARPET PILE HEIGHT 1

VERTICAL CHANGES IN LEVEL FLOOR OR GROUND SURFACE OF 1/4" INCH (6.4 MM) HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT.

FIGURE IIB-303.2
VERTICAL CHANGE IN LEVEL 2

CHANGES IN LEVEL BETWEEN 1/4" HIGH MIN. AND 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.

NOTE: FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT. IIB-302.1

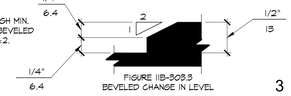


FIGURE IIB-303.3
BEVELED CHANGE IN LEVEL 3

CHANGES IN LEVEL DETAIL
SCALE: 1"=1" — A -

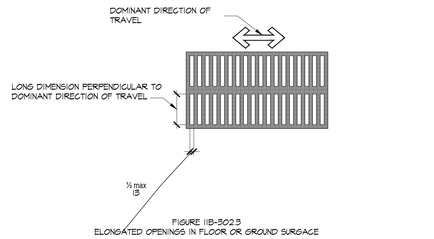


FIGURE IIB-302.5
ELONGATED OPENINGS IN FLOOR OR GROUND SURFACE

OPENINGS IN GROUND SURFACE SHALL NOT ALLOW PASSAGE OF SPHERE MORE THAN 1/2 " INCH (12.7 MM) DIAMETER EXCEPT AS ALLOWED IN SECTION IIB-407.4.3

ELONGATED OPENING IN FLOOR DETAIL
SCALE: 1"=1" — B -

T-SHAPED SPACE. THE TURNING SPACE SHALL BE A T-SHAPED SPACE WITHIN A 60 INCH (1524 MM) SQUARE MINIMUM WITH ARMS AND BASE 36 INCHES (914 MM) WIDE MINIMUM. EACH ARM OF THE T SHALL BE CLEAR OF OBSTRUCTIONS 12 INCHES (305 MM) MINIMUM IN EACH DIRECTION AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24 INCHES (610 MM) MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH IIB-306 ONLY AT THE END OF EITHER THE BASE OR ONE ARM.

IIB-304.4 DOOR SWING. DOORS SHALL BE PERMITTED TO SWING INTO TURNING SPACES.

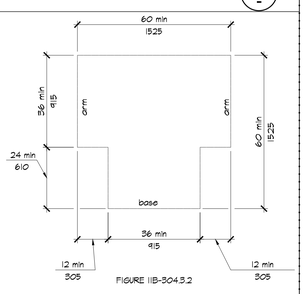


FIGURE IIB-304.3.2

MINIMUM "T" SHAPED TURNING SPACE DETAIL
C -

IIB-305.1 GENERAL. CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH IIB-305.

IIB-305.2 FLOOR OR GROUND SURFACES. FLOOR OR GROUND SURFACES OF A CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH IIB-302. CHANGES IN LEVEL ARE NOT PERMITTED.

EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.

IIB-305.3 SIZE. THE CLEAR FLOOR OR GROUND SPACE SHALL BE 30 INCHES (762 MM) MINIMUM BY 48 INCHES (1219 MM) MINIMUM.

IIB-305.4 KNEE AND TOE CLEARANCE. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH IIB-306.

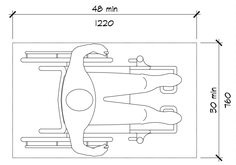


FIGURE IIB-305.3

CLEAR FLOOR OR GROUND SPACE
SCALE: 3/4"=1'-0" — D -

IIB-305.6 APPROACH. ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE SHALL ADJOIN AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER CLEAR FLOOR OR GROUND SPACE.

IIB-305.7 MANEUVERING CLEARANCE. WHERE A CLEAR FLOOR OR GROUND SPACE IS LOCATED IN AN ALCOVE OR OTHERWISE CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING CLEARANCE SHALL BE PROVIDED IN ACCORDANCE WITH IIB-305.7.1 AND IIB-305.7.2.

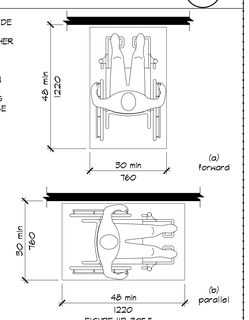


FIGURE IIB-305.5

CLEAR FLOOR OR GROUND SPACE POSITION
F -

pk:a
pk:architecture
5105 clareton drive · suite 110
agoura hills, california 91301
v 818 5640057 f 818 5640019
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

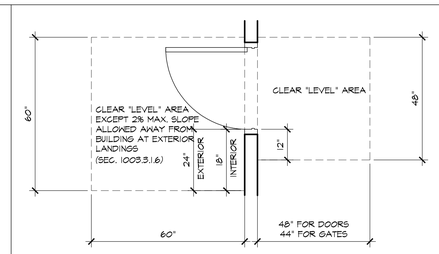
△	remarks	date
	PROGRESS SET	10.14.19

sheet title

ACCESSIBILTY DETAILS
(For Reference Only)

drawn by
project no 18-66.60
date
scale

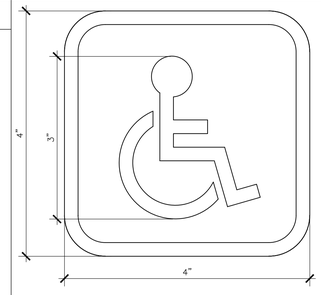
TA0.3



WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60" X 60" AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK, AND NOT LESS THAN 48" WIDE BY 48" DEEP AT A DOOR THAT SWINGS AWAY FROM THE WALK. (SEC. 1133B.7.5)
WALKS SHALL EXTEND A MINIMUM OF 24" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK. (SEC. 1133B.7.5, FIG. IIB-26B)

CLEAR LEVEL AREAS @ DOORS — E

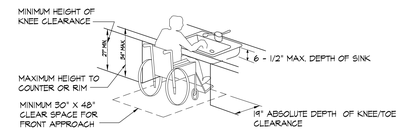
SCALE: 1/2" = 1'-0"



NOTE:
INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE POSTED AT ENTRANCES AND FACILITIES ACCESSIBLE AND USABLE BY INDIVIDUALS WITH DISABILITIES. SIGNAGE TO BE POSTED ON LATCH SIDE OF A DOOR MOUNTED 60" ABOVE FINISH FLOOR WITH CHARACTERS & NUMBERS MINIMUM 3" IN HEIGHT. SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND.

SYMBOL OF ACCESSIBILITY TYP. — F

SCALE: FULL SCALE



NOTE:
A. MINIMUM 30"x48" CLEAR SPACE IS PROVIDED IN FRONT OF SINK THAT ALLOWS FORWARD APPROACH.
B. REQUIRED CLEAR SPACE ADJOINS OR OVERLAPS AN ACCESSIBLE ROUTE.
C. 34" MAXIMUM HEIGHT OF RIM OR COUNTER ABOVE FLOOR SURFACE.
D. SINK IS A MAXIMUM OF 6-1/2" DEEP.
E. KNEE CLEARANCE UNDER SINK IS A MINIMUM OF 27" HIGH AND 30" WIDE, AND PROVIDES AN ABSOLUTE DEPTH OF 19" UNDERNEATH THE SINK.
F. DRAIN AND HOT WATER PIPING IS INSULATED OR CONFIGURED TO PREVENT CONTACT.
G. THERE ARE NO SHARP OR ABRASIVE ELEMENTS UNDER SINK.
H. FAUCETS ARE LEVER TYPE, ELECTRONICALLY ACTIVATED OR APPROVED SELF CLOSING VALVES (MIN. 10 SECOND OPEN FLOW).
J. FAUCETS ARE OPERABLE WITH ONE HAND AND DO NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.
K. 5 LB. MAXIMUM FORCE REQUIRED TO ACTIVATE CONTROLS.

ACCESSIBLE SINK — G

SCALE: 1/4" = 1'-0"

FIGURE IIB-703.7.2.4
INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS

IIB-703.7.2.4 ASSISTIVE LISTENING SYSTEMS. ASSISTIVE LISTENING SYSTEMS SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS COMPLYING WITH FIGURE IIB-703.7.2.4.

1. AN ASSISTIVE LISTENING SYSTEM SHALL BE PROVIDED IN ASSEMBLY AREAS WHERE AUDIBLE COMMUNICATION IS INTEGRAL TO THE SPACE. THIS MEANS THAT ANY SPACE WHERE PEOPLE GATHER (A BOARDROOM, A BANQUET HALL, A CLASSROOM, OR A MOVIE THEATER) IS REQUIRED TO HAVE AN ASSISTIVE LISTENING SYSTEM. ASSISTIVE LISTENING MUST COVER THE ENTIRE SPACE OF THE VENUE, NOT JUST ONE AREA.

2. ASSISTIVE LISTENING IS REQUIRED WHERE THERE IS AMPLIFIED SOUND. IF THERE IS A MICROPHONE AND/OR SPEAKERS, A SYSTEM IS NEEDED. COURTROOMS MUST HAVE ASSISTIVE LISTENING SYSTEMS, EVEN WITHOUT AMPLIFIED SOUND.

3. IN THE ORIGINAL STANDARDS, THE NUMBER OF ASSISTIVE LISTENING DEVICES WAS 4 PERCENT OF SEATING CAPACITY, WITH THE NEW STANDARDS, THE NUMBER OF RECEIVERS HAS BEEN SCALED TO MATCH THE TOTAL OCCUPANCY OF THE VENUE.

4. RECEIVER HEARING-AID COMPATIBILITY: A PERCENTAGE OF RECEIVERS ARE REQUIRED TO BE HEARING-AID COMPATIBLE AND INTERFACE WITH TELECOILS IN HEARING AIDS. THIS IS ACCOMMODATED VIA NECK LOOP TECHNOLOGY WITH RF OR IR ASSISTIVE LISTENING SYSTEMS.

SEATING CAPACITY	MINIMUM # OF REQ. RECEIVERS	MINIMUM # OF REQ. RECEIVERS TO BE HEARING-AID COMPATIBLE
50 OR LESS	2	2
51 - 200	2 (PLUS 1 PER 25 SEATS OVER 50 SEATS)	2
201 - 500	2 (PLUS 1 PER 25 SEATS OVER 50 SEATS)	1 PER 4 RECEIVERS
501 - 1,000	20 (PLUS 1 PER 35 SEATS OVER 500 SEATS)	1 PER 4 RECEIVERS
1,001 - 2,000	35 (PLUS 1 PER 50 SEATS OVER 1,000 SEATS)	1 PER 4 RECEIVERS
2,001 OR MORE	55 (PLUS 1 PER 100 SEATS OVER 2,000 SEATS)	1 PER 4 RECEIVERS

ASSISTIVE LISTENING DEVICE REQ. — A

SCALE: NTS

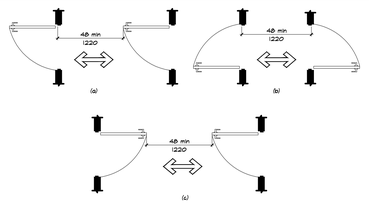


FIGURE IIB-404.2.6
DOORS IN SERIES AND GATES IN SERIES

24.2.6 DOORS IN SERIES AND GATES IN SERIES. THE DISTANCE BETWEEN TWO HINGED OR TED DOORS IN SERIES AND GATES IN SERIES SHALL BE 48 INCHES (1219 MM) MINIMUM PLUS THE 1 OF DOORS OR GATES SWINGING INTO THE SPACE.

DOORS IN SERIES & GATES IN SERIES — B

SCALE: 1/4" = 1'-0"

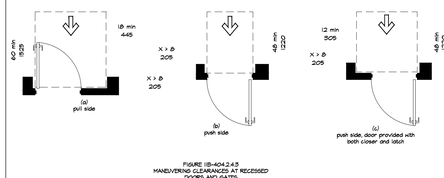
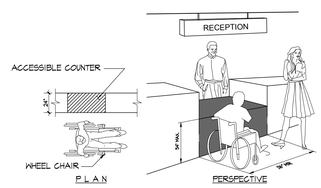


FIGURE IIB-404.2.4.3
MANEUVERING CLEARANCES AT RECESSED DOORS AND GATES

IIB-404.2.4.3 RECESSED DOORS AND GATES. MANEUVERING CLEARANCES FOR FORWARD APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTION WITHIN 18 INCHES (457 MM) OF THE LATCH SIDE OF A DOORWAY PROJECTS MORE THAN 8 INCHES (203 MM) BEYOND THE FACE OF THE DOOR, MEASURED PERPENDICULAR TO THE FACE OF THE DOOR OR GATE.

MANEUVERING CLEARANCES TYP. — C

SCALE: 1/4" = 1'-0"



MULTIPLE TRANSACTION STATIONS

WHERE A SINGLE COUNTER CONTAINS MORE THAN ONE TRANSACTION STATION, SUCH RETAIL SALES COUNTER WITH MULTIPLE CASH REGISTER STATIONS. AT LEAST 5 PERCENT (5%), BUT NEVER LESS THAN ONE, OF EACH TYPE OF STATION SHALL BE LOCATED AT A SECTION OF COUNTER THAT IS AT LEAST 36 INCHES LONG AND NO MORE THAN 28" - 34" HIGH.

MULTIPLE TRANSACTION STATION — D

SCALE: 1/4" = 1'-0"

UNIVERSAL WASTE FACT SHEET - DEPT. OF TOXIC SUBSTANCES CONTROL

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

Our mission is to provide the highest level of safety, and to protect public health and the environment from toxic harm.

Fact Sheet, January 2010

Universal Waste Fact Sheet

California's Universal Waste Rule allows individuals and businesses to transport, handle and recycle certain common hazardous wastes, termed universal wastes, in a manner that differs from the requirements for most hazardous wastes. The more relaxed requirements for managing universal wastes were adopted to ensure that they are managed safely and are not disposed of in the trash.

What are Universal Wastes?

Universal wastes are hazardous wastes that are widely produced by households and many different types of businesses. Universal wastes include televisions, computers and other electronic devices as well as batteries, fluorescent lamps, mercury thermostats, and other mercury containing equipment, among others.

The hazardous waste regulations (Cal. Code Regs, tit. 22, div. 4.5, ch. 11 section 66261.9) identify seven categories of hazardous wastes that can be managed as universal wastes. Any unwanted item that falls within one of these waste streams can be handled, transported and recycled following the simple requirements set forth in the universal waste regulations (UWR) (Cal. Code Regs, tit. 22, div. 4.5, ch. 23)

Universal wastes are:

1. Electronic devices: Includes any electronic device that is a hazardous waste (with or without a Cathode Ray Tube (CRT)), including televisions, computer monitors, cell phones, VCRs, computer CPUs and portable DVD players.
2. Batteries: Most household-type batteries, including rechargeable nickel-cadmium batteries, silver button batteries, mercury batteries, alkaline batteries and other batteries that exhibit a characteristic of a hazardous waste
3. Electric lamps: Fluorescent tubes and bulbs, high intensity discharge lamps, sodium vapor lamps and electric lamps that contain added mercury, as well as any other lamp that exhibits a characteristic of a hazardous waste. (e.g., lead).
4. Mercury-containing equipment: Thermostats, mercury switches, mercury thermometers, pressure or vacuum gauges, dilators and weighted tubing, mercury rubber flooring, mercury gas flow regulators, dental amalgams, counterweights, dampers and mercury added novelties such as jewelry, ornaments and footwear.
5. CRTs: The glass picture tubes removed from devices such as televisions and computer monitors.
6. CRT glass: A cathode ray tube that has been accidently broken or processed for recycling.
7. Non-empty aerosol cans

Universal Wastes may not be disposed of in the trash!

STATE OF CALIFORNIA

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

Our mission is to provide the highest level of safety, and to protect public health and the environment from toxic harm.

Regulatory Standards for Universal Waste

The UWR has separate requirements for of each of the three types of regulated entities:

1. Universal waste handlers
2. Universal waste transporters
3. Destination Facilities

Universal Waste Handlers

A universal waste handler is a generator of universal waste or the owner or operator of a facility that receives universal waste from another universal waste handler, accumulates universal waste, and sends universal waste to another universal waste handler, a facility that accepts hazardous waste, or a foreign country.

A universal waste handler may be:

1. A person (e.g., a household or business) who generates universal waste but does not accept universal waste from others
2. A person who accepts and accumulates universal waste generated by others at his or her facility
3. A person who accepts universal waste generated by others and conducts certain treatment and recycling activities allowed by the universal waste handler regulations

Management Requirements for Universal Waste Handlers (Cal. Code Regs, tit. 22, sections 66273.30-66273.39; additional requirements for handlers who conduct authorized treatment, Cal. Code Regs, tit. 22, sections 66273.70-.77)

- Do not dispose of universal waste or treat universal waste except as provided for in the regulations
- Notify DTSC and/or obtain an EPA identification number
- Use proper containment—non-leaking, compatible containers
- Segregate universal waste in distinct areas
- Determine if materials generated when handling/recycling are hazardous wastes
- Comply with applicable requirements for hazardous waste
- If applicable, comply with zoning requirements when storing universal wastes
- Have spill kits readily available to deal with accidental spills (mercury-containing devices)
- Use proper labeling and markings
- Accumulate universal waste no longer than one year

STATE OF CALIFORNIA

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

Our mission is to provide the highest level of safety, and to protect public health and the environment from toxic harm.

- Provide personnel training to personnel who manage universal waste, or who supervise personnel who manage universal waste and keep training records
- Respond to releases of universal waste or its contents; determine if spill residuals are hazardous waste
- Track shipments by keeping records of what was received and shipped (name, address, quantities) for three years

Universal Waste Transporters

A universal waste transporter is a person engaged in the offsite transportation of universal waste by air, rail, highway or water. A universal waste transporter may be:

1. Universal waste handler carrying universal waste in his or her own vehicle
2. A package shipping service (e.g., US Postal Service; FedEx, UPS)
3. A commercial carrier (e.g., a trucking company, a hauler specializing in universal waste, or the operator of a destination facility that offers a universal waste pick-up service)
   - If you do not own or operate a facility that accepts, generates, accumulates, or stores universal waste, but you pick up and transport universal waste (e.g., electronic devices from office complexes) to a recycling or collection facility, you are a universal waste transporter. Universal waste transporters do not need to notify DTSC or submit annual reports for their transportation activities.
   - Universal waste transporters may store universal waste at a transfer facility for up to 10 days (depending on local zoning). A universal waste transporter who exceeds this limit is considered a universal waste handler and is subject to the handler requirements summarized above.

Destination Facilities

A destination facility is a fully-regulated hazardous waste facility that treats, disposes of, or recycles a specific type of universal waste. Examples of destination facilities are hazardous waste recycling facilities and hazardous waste landfills. A destination facility shall manage the universal waste in accordance with the requirements and conditions in its hazardous waste facility permit, unless authorized by section 66273.60 of title 22 of the California Code of Regulations to manage it pursuant to the reduced requirements applicable to universal waste handlers. A destination facility is required to follow certain rules for shipping universal wastes off-site and for rejecting shipments that contain universal waste and is required to keep records of all shipments received for three years. A facility that only accepts and accumulates universal waste is not a destination facility. Such a facility is regulated as a universal waste handler.

STATE OF CALIFORNIA

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

Our mission is to provide the highest level of safety, and to protect public health and the environment from toxic harm.

Households and Conditionally Exempt Small Quantity Universal Waste Generators (CESQUWG)

Two categories of universal waste handlers—households and CESQUWGs—are exempt from most of the requirements of the universal waste regulations provided they comply with certain conditions. Handlers who qualify for these exemptions are not required:

- To obtain an EPA ID number or otherwise notify DTSC;
- To keep records of shipments or provide annual reports to DTSC; or
- To label their universal waste.

A household is defined to include a single detached residence (e.g., a house) or a single unit of a multiple residence unit (e.g., an apartment or condominium). Households that generate hazardous wastes other than universal wastes (e.g., paints and motor oil) can visit DTSC's household hazardous waste Web page (http://www.dtsc.ca.gov/HazardousWaste/UniversalWaste/HHW.cfm) for information on how to properly dispose of them.

A Conditionally Exempt Small Quantity Universal Waste Generator (CESQUWG) is a universal waste generator who produces less than 100 kilograms (220 pounds) of RCRA hazardous waste, including universal waste that is RCRA universal waste and less than 1 kilogram of acutely hazardous waste in a calendar month. (RCRA hazardous waste is hazardous waste that is regulated under the hazardous waste regulations adopted by the U.S. Environmental Protections Agency.)

Pursuant to section 66273.8 of title 22 of the California Code of Regulations, a generator who meets the definition of a household or a CESQUWG is exempt from universal waste handler requirements provided he or she:

1) Does not dispose of universal waste;
2) Relinquishes universal waste only to another universal waste handler, a universal waste transporter, a destination facility, or a curbside household hazardous waste collection program; and
3) Does not conduct treatment of universal waste, except for limited activities enumerated in the regulations (e.g., removing batteries, light bulbs, or mercury switches). This exemption applies only to universal waste generated by the household (e.g. light bulbs, computers, televisions, thermostats, cell phones, etc.), not to universal waste accepted from other people.

Where can I send universal wastes?

A handler may not send universal waste to a municipal solid waste (garbage) landfill or a non-hazardous waste recycling center. All handlers of universal waste must relinquish their universal waste to one of the following:

STATE OF CALIFORNIA

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

Our mission is to provide the highest level of safety, and to protect public health and the environment from toxic harm.

1. Another handler (typically a business that specializes in collecting, storing, accumulating and shipping universal wastes). Examples:
   - A household hazardous waste facility
   - A "Take-it-Back Partner" such as a retailer or manufacturer
   - A collection event
2. A universal waste transporter. Examples:
   - A curbside HHW collection program
   - A package service (e.g., postal service, UPS)
   - A destination facility that offers a pick-up service
3. A universal waste destination facility (generally, a facility with a permit to treat, store, or dispose of hazardous waste).

Search engines available to find locations accepting universal waste in your area: E-Recycle.org; Earth911.org; CalRecyle database; DTSC map; HHW list;

For more information, see DTSC's Universal Waste Web page at: http://www.dtsc.ca.gov/HazardousWaste/UniversalWaste/index.cfm

Contact your DTSC regulatory assistance officer at: (800) 728-6942

STATE OF CALIFORNIA

pk:architecture
5126 clareton drive : suite 110
agoura hills, california 91301
v 818 597 1000 57 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19

sheet title

ACCESSIBILTY DETAILS: UNIVERSAL WASTE FACT SHEET

(For Reference Only)

drawn by

project no 18-66.60

date

scale

TA0.4

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA0.5 - Green Bldg Requirements.dwg, 2/24/2020 12:48:11 PM, DWG To PDF.p...

NOTE: CONTRACTOR TO REVIEW ALL NOTES PRIOR TO PROCEEDING. IN PARTICULAR CONTRACTOR TO REVIEW BUILDING DEPARTMENT/GREEN BUILDING NOTES FOR CODE REQUIREMENTS AND MATERIAL SPECIFICATIONS AND MAKE ALL SUBS. AND SUPPLIERS AWARE OF THE SPECIAL REQUIREMENTS.

INSPECTOR SIGNOFF
REFERENCE SHEET (SHEET # OR N/A)

CHAPTER 3
GREEN BUILDING
SECTION 301 GENERAL

301.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7.

301.3 NONRESIDENTIAL ADDITIONS AND ALTERATIONS. [BSC] The provisions of individual sections of Chapter 5 apply to newly constructed buildings, building additions of 1,000 square feet or greater, and/or building alterations with a permit valuation of $200,000 or above (for occupancies within the authority of California Building Standards Commission). Code sections relevant to additions and alterations shall only apply to the portions of the building being added or altered within the scope of the permitted work.

A code section will be designated by a banner to indicate where the code section only applies to newly constructed building [N] or to additions and alterations [A]. When the code section applies to both, no banner will be used.

301.3.1 Nonresidential additions and alterations that cause updates to plumbing fixtures only:

Note: On and after January 1, 2014, certain commercial real property, as defined in Civil Code Section 1101.3, shall have its noncompliant plumbing fixtures replaced with appropriate water-conserving plumbing fixtures under specific circumstances. See Civil Code Section 1101.1 *et seq.* for definitions, types of commercial real property affected, effective dates, circumstances necessitating replacement of noncompliant plumbing fixtures, and duties and responsibilities for ensuring compliance.

301.3.2 Waste Diversion. The requirements of Section 5.408 shall be required for additions and alterations whenever a permit is required for work.

301.4 PUBLIC SCHOOLS AND COMMUNITY COLLEGES. (see GBSC)
301.5 HEALTH FACILITIES. (see GBSC)

SECTION 302 MIXED OCCUPANCY BUILDINGS

302.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy.

SECTION 303 PHASED PROJECTS

303.1 Phased projects. For shell buildings and others constructed for future tenant improvements, only those code measures relevant to the building components and systems considered to be new construction (or newly constructed) shall apply.

303.1.1 Tenant improvements. The provisions of this code shall apply only to the initial tenant or occupant improvements to a project. Subsequent tenant improvements shall comply with the scoping provisions in Section 301.3 non-residential additions and alterations.

ABBREVIATION DEFINITIONS:

HCD	Department of Housing and Community Development
BSC	California Building Standards Commission
DSA-SS	Division of the State Architect, Structural Safety
OSHPD	Office of Statewide Health Planning and Development
LR	Low Rise
HR	High Rise
AA	Additions and Alterations
N	New

CHAPTER 5
NONRESIDENTIAL MANDATORY MEASURES

DIVISION 5.1 PLANNING AND DESIGN

SECTION 5.101 GENERAL

5.101.1 Scope
The provisions of this chapter outline planning, design and development methods that include environmentally responsible site selection, building design, building siting and development to protect, restore and enhance the environmental quality of the site and respect the integrity of adjacent properties.

SECTION 5.102 DEFINITIONS

5.102.1 DEFINITIONS
The following terms are defined in Chapter 2 *(and are included here for reference)*

CUTOFF LUMINAIRES. Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle of 90 degrees above nadir, and 100 (10 percent) at a vertical angle of 80 degrees above nadir. This applies to all lateral angles around the luminaire.

LOW-EMITTING AND FUEL EFFICIENT VEHICLES.
Eligible vehicles are limited to the following:

1. Zero emission vehicle (ZEV), including neighborhood electric vehicles (NEV), partial zero emission vehicle (PZEV), advanced technology PZEV (AT ZEV) or CNG fueled (original equipment manufacturer only) regulated under Health and Safety Code section 43800 and CCR, Title 13, Sections 1961 and 1962.
2. High-efficiency vehicles, regulated by U.S. EPA, bearing High-Occupancy Vehicle (HOV) car pool lane stickers issued by the Department of Motor Vehicles.

NEIGHBORHOOD ELECTRIC VEHICLE (NEV). A motor vehicle that meets the definition of "low-speed vehicle" either in Section 385.5 of the Vehicle Code or in 49CFR571.500 (as it existed on July 1, 2000), and is certified to zero-emission vehicle standards.

TENANT-OCCUPANTS. Building occupants who inhabit a building during its normal hours of operation as permanent occupants, such as employees, as distinguished from customers and other transient visitors.

VANPOOL VEHICLE. Eligible vehicles are limited to any motor vehicle, other than a motortruck or truck tractor, designed for carrying more than 10 but not more than 15 persons including the driver, which is maintained and used primarily for the nonprofit work-related transportation of adults for the purpose of ridesharing.

Note: Source: Vehicle Code, Division 1, Section 668

ZEV. Any vehicle certified to zero-emission standards.

SECTION 5.106 SITE DEVELOPMENT

5.106.1 STORM WATER POLLUTION PREVENTION. Newly constructed projects and additions which disturb less than one acre of land shall prevent the pollution of storm water runoff from the construction activities through one or more of the following measures:

5.106.1.1 Local ordinance. Comply with a lawfully enacted storm water management and/or erosion control ordinance.

5.106.1.2 Best Management Practices (BMP). Prevent the loss of soil through wind or water erosion by implementing an effective combination of erosion and sediment control and good housekeeping BMP.

1. Soil loss BMP that should be considered for each project include, but are not limited to, the following:
   a. Scheduling construction activity.
   b. Preservation of natural features, vegetation and soil.
   c. Drainage swales or lined ditches to control stormwater flow.
   d. Mulching or hydroseeding to stabilize disturbed soils.
   e. Erosion control to protect slopes.
   f. Protection of storm drain inlets (gravel bags or catch basin inserts).
   g. Perimeter sediment control (perimeter silt fence, fiber rolls).
   h. Sediment trap or sediment basin to retain sediment on site.
   i. Stabilized construction exits.
   j. Wind erosion control.
   k. Other soil loss BMP acceptable to the enforcing agency.
2. Good housekeeping BMP to manage construction equipment, materials and wastes that should be considered for implementation as appropriate for each project include, but are not limited to, the following:
   a. Material handling and waste management.
   b. Building materials stockpile management.
   c. Management of washout areas (concrete, paints, stucco, etc.).
   d. Control of vehicle/equipment fueling to contractor's staging area.
   e. Vehicle and equipment cleaning performed off site.
   f. Spill prevention and control.
   g. Other housekeeping BMP acceptable to the enforcing agency.

N/A

SHT. TA1.0
(E.) TWO 9-BIKE CAPACITY RACKS

N/A
NO ADDED VEHICULAR PARKING

N/A

N/A
NO ADDED VEHICULAR PARKING

N/A

N/A

N/A

5.106.4 BICYCLE PARKING. For buildings within the authority of California Building Standards Commission as specified in Section 103, comply with Section 5.106.4.1. For buildings within the authority of the Division of the State Architect pursuant to Section 105, comply with Section 5.106.4.2

5.106.4.1 Bicycle parking. [BSC-CG] Comply with Sections 5.106.4.1.1 and 5.106.4.1.2; or meet the applicable local ordinance, whichever is stricter.

5.106.4.1.1 Short-term bicycle parking. If the project or an addition or alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5% of new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack.
Exception: Additions or alterations which add nine or less visitor vehicular parking spaces.

5.106.4.1.2 Long-term bicycle parking. For new buildings with 10 or more tenant-occupants or for additions or alterations that add 10 or more tenant vehicular parking spaces, provide secure bicycle parking for 5 percent of the tenant vehicle parking spaces being added, with a minimum of one space. Acceptable parking facilities shall be convenient from the street and shall meet one of the following:

1. Covered, lockable enclosures with permanently anchored racks for bicycles;
2. Lockable bicycle rooms with permanently anchored racks; or
3. Lockable, permanently anchored bicycle lockers.

Note: Additional information on recommended bicycle accommodations may be obtained from Sacramento Area Bicycle Advocates.

5.106.4.2 Bicycle parking. [DSA-SS] For public schools and community colleges, comply with Sections 5.106.4.2.1 and 5.106.4.2.2

5.106.4.2.1 Student bicycle parking. Provide permanently anchored bicycle racks conveniently accessed with a minimum of four two-bike capacity racks per new building.
5.106.4.2.2 Staff bicycle parking. Provide permanent, secure bicycle parking conveniently accessed with a minimum of two staff bicycle parking spaces per new building. Acceptable bicycle parking facilities shall be convenient from the street or staff parking area and shall meet one of the following:

1. Covered, lockable enclosures with permanently anchored racks for bicycles;
2. Lockable bicycle rooms with permanently anchored racks; or
3. Lockable, permanently anchored bicycle lockers.

5.106.5.2 DESIGNATED PARKING FOR CLEAN AIR VEHICLES. In new projects or additions or alterations that add 10 or more vehicular parking spaces, provide designated parking for any combination of low-emitting, fuel-efficient and carpool/van pool vehicles as follows:

TABLE 5.106.5.2 - PARKING

TOTAL NUMBER OF PARKING SPACES	NUMBER OF REQUIRED SPACES
0-9	0
10-25	1
25-50	3
51-75	6
76-100	8
101-150	11
151-200	16
201 AND OVER	AT LEAST 8% OF TOTAL

5.106.5.2.1 - Parking stall marking. Paint, in the paint used for stall striping, the following characters such that the lower edge of the last word aligns with the end of the stall striping and is visible beneath a parked vehicle: CLEAN AIR / VAN POOL / EV

Note: Vehicles bearing Clean Air Vehicle stickers from expired HOV lane programs may be considered eligible for designated parking spaces.

5.106.5.3 Electric vehicle (EV) charging. [N] Construction shall comply with Section 5.106.5.3.1 or Section 5.106.5.3.2 to facilitate future installation of electric vehicle supply equipment (EVSE). When EVSE(s) is/are installed, it shall be in accordance with the *California Building Code*, the California Energy Commission (CEC) and as follows:

N/A

5.106.5.3.1 Single charging space requirements. [N] When only a single charging space is required per Table 5.106.5.3.3, a raceway is required to be installed at the time of construction and shall be installed in accordance with the *California Electrical Code*. Construction plans and specifications shall include, but are not limited to, the following:

1. The type and location of the EVSE.
2. A listed raceway capable of accommodating a 208/240 -volt dedicated branch circuit.
3. The raceway shall not be less than trade size 1."
4. The raceway shall originate at a service panel or a subpanel serving the area, and shall terminate in close proximity to the proposed location of the charging equipment and listed suitable cabinet, box, enclosure or equivalent.
5. The service panel or subpanel shall have sufficient capacity to accommodate a minimum 40-ampere dedicated branch circuit for the future installation of the EVSE.

N/A

5.106.5.3.2 Multiple charging space requirements. [N] When multiple charging spaces are required per Table 5.106.5.3.3 raceway(s) is/are required to be installed at the time of construction and shall be installed in accordance with the *California Electrical Code*. Construction plans and specifications shall include, but are not limited to, the following:

1. The type and location of the EVSE.
2. The raceway(s) shall originate at a service panel or a subpanel(s) serving the area, and shall terminate in close proximity to the proposed location of the charging equipment and into listed suitable cabinet(s), box(es), enclosure(s) or equivalent.
3. Plan design shall be based upon 40-ampere minimum branch circuits.
4. Electrical calculations shall substantiate the design of the electrical system, to include the rating of equipment and any on-site distribution transformers and have sufficient capacity to simultaneously charge all required EVs at its full rated amperage.
5. The service panel or subpanel(s) shall have sufficient capacity to accommodate the required number of dedicated branch circuit(s) for the future installation of the EVSE.

N/A

5.106.5.3.3 EV charging space calculations. [N] Table 5.106.5.3.3 shall be used to determine if single or multiple charging space requirements apply for the future installation of EVSE.

Exceptions: On a case-by-case basis where the local enforcing agency has determined EV charging and infrastructure is not feasible based upon one or more of the following conditions:

1. Where there is insufficient electrical supply.
2. Where there is evidence suitable to the local enforcing agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the project.

N/A

TABLE 5.106.5.3.3

TOTAL NUMBER OF PARKING SPACES	NUMBER OF REQUIRED SPACES
0-9	0
10-25	1
36-50	2
51-75	4
76-100	5
101-200	7
201 AND OVER	6% of total[1]

1. Calculation for spaces shall be rounded up to the nearest whole number.

5.106.5.3.4 [N] Identification. The service panel or subpanel(s) circuit directory shall identify the reserved overcurrent protective device space(s) for future EV charging as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE".

5.106.5.3.5 [N] Future charging spaces qualify as designated parking as described in Section 5.106.5.2 Designated parking for clean air vehicles.
Notes:

1. The California Department of Transportation adopts and publishes the California Manual on Uniform Traffic Control Devices (California MUTCD) to provide uniform standards and specifications for all official traffic control devices in California. Zero Emission Vehicle Signs and Pavement Markings can be found in the New Policies & Directives number 13-01. www.dot.ca.gov/hq/traffops/policy/13-01.pdf**.**
2. See Vehicle Code Section 22511 for EV charging spaces signage in off-street parking facilities and for use of EV charging spaces.
3. The Governor's Office of Planning and Research published a Zero-Emission Vehicle Community Readiness Guidebook which provides helpful information for local governments, residents and businesses. www.opr.ca.gov/docs/ZEV_Guidebook.pdf.

N/A

5.106.8 LIGHT POLLUTION REDUCTION. [N] Outdoor lighting systems shall be designed and installed to comply with the following:

1. The minimum requirements in the California Energy Code for Lighting Zones 1-4 as defined in Chapter 10 of the California Administrative Code; and
2. Backlight, Uplight and Glare (BUG) ratings as defined in IES TM-15-11; and
3. Allowable BUG ratings not exceeding those shown in Table 5.106.8, or Comply with a local ordinance lawfully enacted pursuant to Section 101.7, whichever is more stringent.

Exceptions: [N]

1. Luminaires that qualify as exceptions in Section 140.7 of the California Energy Code.
2. Emergency lighting.
3. Building facade meeting the requirements in Table 140.7-B of the California Energy Code, Part 6.
4. Custom lighting features as allowed by the local enforcing agency, as permitted by Section 101.8 Alternate materials, designs and methods of construction.

Note: [N] See also California Building Code, Chapter 12, Section 1205.6 for college campus lighting requirements for parking facilities and walkways.

N/A

5.106.10 GRADING AND PAVING. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following:

1. Swales.
2. Water collection and disposal systems.
3. French drains.
4. Water retention gardens.
5. Other water measures which keep surface water away from buildings and aid in groundwater recharge.

Exception: Additions and alterations not altering the drainage path.

TABLE 5.106.8 [N] MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT AND GLARE (BUG) RATINGS[1,2]

ALLOWABLE RATING	LIGHTING ZONE 1	LIGHTING ZONE 2	LIGHTING ZONE 3	LIGHTING ZONE 4
MAXIMUM ALLOWABLE BACKLIGHT RATING [3]				
Luminaire greater than 2 mounting heights (MH) from property line	No Limit	No Limit	No Limit	No Limit
Luminaire back hemisphere is 1-2 MH from property line	B2	B3	B4	B4
Luminaire back hemisphere is 0.5-1 MH from property line	B1	B2	B3	B3
Luminaire back hemisphere is less than 0.5 MH from property line	B0	B0	B1	B2
MAXIMUM ALLOWABLE UPLIGHT RATING				
For area lighting [4]	U0	U0	U0	U0
For all other outdoor lighting,including decorative luminaires	U1	U2	U3	U4
MAXIMUM ALLOWABLE GLARE RATING [5]				
Luminaire greater than 2 MH from property line	G1	G2	G3	G4
Luminaire front hemisphere is 1-2 MH from property line	G0	G1	G1	G2
Luminaire front hemisphere is 0.5-1 MH from property line	G0	G0	G1	G1
Luminaire back hemisphere is less than 0.5 MH from property line	G0	G0	G0	G1

1. IESNA Lighting Zones 0 and 5 are not applicable; refer to Lighting Zones as defined in the *California Energy Code* and Chapter 10 of the *California Administrative Code*.

2. For property lines that abut public walkways, bikeways, plazas and parking lots, the property line may be considered to be 5 feet beyond the actual property line for purpose of determining compliance with this section. For property lines that abut public roadways and public transit corridors, the property line may be considered to be the centerline of the public roadway or public transit corridor for the purpose of determining compliance with this section.

3. If the nearest property line is less than or equal to two mounting heights from the back hemisphere of the luminaire distribution, the applicable reduced Backlight rating shall be met.

4. General lighting luminaires in areas such as outdoor parking, sales or storage lots shall meet these reduced ratings. Decorative luminaires located in these areas shall meet *U*-value limits for "all other outdoor lighting".

5. If the nearest property line is less than or equal to two mounting heights from the front hemisphere of the luminaire distribution, the applicable reduced Glare rating shall be met.

N/A

SHT. TA1.1A & TA4.0, NOTE # 10A & 10B

N/A

DIVISION 5.2 ENERGY EFFICIENCY

SECTION 5.201 GENERAL

5.201.1 Scope [BSC-CG]. *California Energy Code [DSA-SS].* For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory building standards.

DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION

SECTION 5.301 GENERAL

5.301.1 Scope. The provisions of this chapter shall establish the means of conserving water use indoors, outdoors and in wastewater conveyance.

SECTION 5.302 DEFINITIONS

5.302.1 Definitions. The following terms are defined in Chapter 2 *(and are included here for reference)*

EVAPOTRANSPIRATION ADJUSTMENT FACTOR (ETAF) [DSA-SS]. An adjustment factor when applied to reference evapotranspiration that adjusts for plant factors and irrigation efficiency, which are two major influences on the amount of water that needs to be applied to the landscape.

FOOTPRINT AREA [DSA-SS]. The total area of the furthest exterior wall of the structure projected to natural grade, not including exterior areas such as stairs, covered walkways, patios and decks.

METERING FAUCET. A self-closing faucet that dispenses a specific volume of water for each actuation cycle. The volume or cycle duration can be fixed or adjustable.

GRAYWATER. Pursuant to Health and Safety Code Section 17922.12, "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Graywater" includes, but is not limited to wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines and laundry tubs, but does not include waste water from kitchen sinks or dishwashers.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). The California ordinance regulating landscape design, installation and maintenance practices that will ensure commercial, multifamily and other developer installed landscapes greater than 2500 square feet meet an irrigation water budget developed based on landscaped area and climatological parameters.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). [HCD] The California model ordinance (California Code of Regulations, Title 23, Division 2, Chapter 2.7), regulating landscape design, installation and maintenance practices. Local agencies are required to adopt the updated MWELO, or adopt a local ordinance at least as effective as the MWELO.

POTABLE WATER. Water that is drinkable and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards. See definition in the California Plumbing Code, Part 5.

POTABLE WATER. [HCD] Water that is satisfactory for drinking, culinary, and domestic purposes, and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards and the requirements of the Health Authority Having Jurisdiction.

RECYCLED WATER. Water which, as a result of treatment of waste, is suitable for a direct beneficial use or a controlled use that would not otherwise occur [Water Code Section 13050 (n)]. Simply put, recycled water is water treated to remove waste matter attaining a quality that is suitable to use the water again.

SUBMETER. A meter installed subordinate to a site meter. Usually used to measure water intended for one purpose, such as landscape irrigation. For the purposes of CALGreen, a dedicated meter may be considered a submeter.

WATER BUDGET. Is the estimated total landscape irrigation water use which shall not exceed the maximum applied water allowance calculated in accordance with the Department of Water Resources Model Efficient Landscape Ordinance (MWELO).

SECTION 5.303 INDOOR WATER USE

5.303.1 METERS. Separate submeters or metering devices shall be installed for the uses described in Sections 503.1.1 and 503.1.2.

5.303.1.1 Buildings in excess of 50,000 square feet. Separate submeters shall be installed as follows:

1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (380 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop.
2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems:
   a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s).
   b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s).
   c. Steam and hot water boilers with energy input more than 500,000 Btu/h (147 kW).

5.303.1.2 Excess consumption. A separate submeter or metering device shall be provided for any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day.

5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:

5.303.3.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type toilets.

Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.

5.303.3.2 Urinals. The effective flush volume of urinals shall not exceed 0.5 gallons per flush.

5.303.3.3 Showerheads.
5.303.3.3.1 Single showerhead. Showerheads shall have a maximum flow rate of not more than 2.0 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.

5.303.3.3.2 Multiple showerheads serving one shower. When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 2.0 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.

Note: A hand-held shower shall be considered a showerhead.

5.303.3.4 Faucets and fountains.

5.303.3.4.1 Nonresidential Lavatory faucets. Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi.

5.303.3.4.2 Kitchen faucets. Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.

5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than1.8 gallons per minute/20 [rim space (inches) at 60 psi].

5.303.3.4.4 Metering faucets. Metering faucets shall not deliver more than 0.20 gallons per cycle.

5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per minute/20 [rim space (inches) at 60 psi].

Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.

5.303.4 COMMERCIAL KITCHEN EQUIPMENT.

5.303.4.1 Food Waste Disposers. Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding food waste/no-load) or shall automatically shut off after no more than 10 minutes of inactivity. Disposers shall use no more than 8 gpm of water.

Note: This code section does not affect local jurisdiction authority to prohibit or require disposer installation.

5.303.5 AREAS OF ADDITION OR ALTERATION. For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building.

5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the *California Plumbing Code*, and shall meet the applicable standards referenced in Table 1701.1 of the *California Plumbing Code* and in Chapter 6 of this code.

pk:architecture
5126 clareton drive, suite 110
agoura hills, california 91301
v 818 597 1005 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

	remarks	date
1	PROGRESS SET	10.11.19
	PLAN CHECK SUBMITT.	12.19.19
	BID ISSUE	02.24.20

sheet title
CALGREEN BUILDING STANDARDS

drawn by
project no 18-66.60
date
scale

TA0.5

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA0.6 - Green Bldg Requirements.dwg, 12/13/2019 10:07:44 AM, DWG To PDF.p...

NOTE: CONTRACTOR TO REVIEW ALL NOTES PRIOR TO PROCEEDING. IN PARTICULAR CONTRACTOR TO REVIEW BUILDING DEPARTMENT/GREEN BUILDING NOTES FOR CODE REQUIREMENTS AND MATERIAL SPECIFICATIONS AND MAKE ALL SUBS. AND SUPPLIERS AWARE OF THE SPECIAL REQUIREMENTS.

INSPECTOR SIGNOFF — REFERENCE SHEET (SHEET # OR N/A)

SECTION 5.304 OUTDOOR WATER USE

5.304.1 SCOPE. The provisions of Section 5.304, Outdoor Water Use reference the mandatory Model Water Efficiency Landscape Ordinance (MWELO) contained within Chapter 2.7, Division 2, Title 23, California Code of Regulations.

N/A

5.304.2 OUTDOOR WATER USE IN LANDSCAPE AREAS EQUAL TO OR GREATER THAN 500 SQUARE FEET. When water is used for outdoor irrigation for new construction projects with an aggregate landscape area equal to or greater than 500 square feet requiring a building or landscape permit, plan check or design review, one of the following shall apply:

1. A local water efficient landscape ordinance that is, based on evidence in the record, at least as effective in conserving water as the updated model ordinance adopted by the Department of Water Resouces (DWR) per Government Code Section 65595(c).
2. The California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, California Code of Regulations.

N/A

5.304.3 OUTDOOR WATER USE IN REHABILITATED LANDSCAPE PROJECTS EQUAL TO OR GREATER THAN 2,500 SQUARE FEET. Rehabilitated landscape project with an aggregate landscape area equal to or greater than 2,500 square feet requiring a building or landscape permit, plan check, or design review shall comply with Section 5.304.2, Item 1 or 2.

5.304.4 OUTDOOR WATER USE IN LANDSCAPE AREAS OF 2,500 SQUARE FEET OR LESS. Any project with an aggregate area of 2,500 square feet or less may comply with the performance requirements of MWELO or conform to the prescriptive compliance measures contained in MWELO's Appendix D.

5.304.5 GRAYWATER OR RAINWATER USE IN LANDSCAPE AREAS. For projects using treated or untreated graywater or rainwater captured on site, any lot or parcel within the project that has less than 2,500 square feet of landscape and meets the lot or parcel's landscape water requirement (Estimate Total Water Use) entirely with treated or untreated graywater or through stored rainwater captured on site is subject only to Appendix D Section (5).

Notes:
1. DWR's Model Water Efficient Landscape Ordinance, definitions and supporting documents are available at the following link: http://water.ca.gov/wateruseefficiency/landscapeordinance/
2. A water budget calculator is available at the following link: http://water.ca.gov/wateruseefficiency/landscapeordinance/
3. The MWELO prescriptive compliance measure Appendix D may be found at the following link: http://water.ca.gov/wateruseefficiency/landscapeordinance/ In addition, a copy of MWELO Appendix D may be found in Chapter 8 of this code.

N/A

5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS [DSA-SS]. For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, California Code of Regulations, except that the evapotranspiration adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35.

Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of MWELO.

5.304.6.1 Newly constructed landscapes. [DSA-SS] New construction projects with an aggregate landscape area equal to or greater than 500 square feet.

5.304.6.2 Rehabilitated landscapes. [DSA-SS] Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1,200 square feet.

N/A

5.304.3 IRRIGATION DESIGN. In new nonresidential construction with at least 1,000 but not more than 2,500 square feet of cumulative landscaped area (the level at which the MWELO applies), install irrigation controllers and sensors which include the following criteria, and meet manufacturer's recommendations.

5.304.3.1 Irrigation controllers. Automatic irrigation system controllers installed at the time of final inspection shall comply with the following:

1. Controllers shall be weather- or soil moisture-based controllers that automatically adjust irrigation in response to changes in plants' needs as weather conditions change.
2. Weather-based controllers without integral rain sensors or communication systems that account for local rainfall shall have a separate wired or wireless rain sensor which connects or communicates with the controller(s). Soil moisture-based controllers are not required to have rain sensor input.

Note: More information regarding irrigation controller function and specifications is available from the Irrigation Association.

DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

SECTION 5.401 GENERAL

5.401.1 SCOPE. The provisions of this chapter shall outline means of achieving material conservation and resource efficiency through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, and building commissioning or testing and adjusting.

SECTION 5.402 DEFINITIONS

5.402.1 DEFINITIONS. The following terms are defined in Chapter 2 *(and are included here for reference)*

ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or adjust a damper.

BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals, according to design quantities.

BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and construction process, including verifying and documenting that building systems and components are planned, designed, installed, tested, operated and maintained to meet the owner's project requirements.

ORGANIC WASTE. Food waste, green waste, landscape and pruning wste, nonhazardous wood waste, and food soiled paper waste that is mixed in with food waste.

TEST. A procedure to determine quantitative performance of a system or equipment

SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT

5.407.1 WEATHER PROTECTION. Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1403.2 (Weather Protection) and California Energy Code Section 150, (Mandatory Features and Devices), manufacturer's installation instructions or local ordinance, whichever is more stringent.

5.407.2 MOISTURE CONTROL. Employ moisture control measures by the following methods.

5.407.2.1 Sprinklers. Design and maintain landscape irrigation systems to prevent spray on structures.

5.407.2.2 Entries and openings. Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows:

5.407.2.2.1 Exterior door protection. Primary exterior entries shall be covered to prevent water intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings plus at least one of the following:

1. An installed awning at least 4 feet in depth.
2. The door is protected by a roof overhang at least 4 feet in depth.
3. The door is recessed at least 4 feet.
4. Other methods which provide equivalent protection.

5.407.2.2.2 Flashing. Install flashings integrated with a drainage plane.

SHEET TA2.2 DET. B

SHEETS TA3.0.1 TA3.0.2 TA3.0.3 TA3.0.4

SHEET TA0.4

SHEET TA1.0 — REFERENCED AT (E.) TRASH ENCLOSURE

N/A

SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING

5.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.

5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that:

1. Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale.
2. Determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).
3. Identifies diversion facilities where construction and demolition waste material collected will be taken.
4. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

5.408.1.2 Waste Management Company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.

Note: The owner or contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company.

Exceptions to Sections 5.408.1.1 and 5.408.1.2:

1. Excavated soil and land-clearing debris.
2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.
3. Demolition waste meeting local ordinance or calculated in consideration of loacl recycleing facilities and markets.

5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65% minimum requirement as approved by the enforcing agency.

5.408.1.4 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1, through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.

Notes:

1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located at www.bsc.ca.gov/Home/CALGreen.aspx may be used to assist in documenting compliance with the waste management plan.
2. Mixed construction and demolition debris processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).

5.408.2 UNIVERSAL WASTE. [A] Additions and alterations to a building or tenant space that meet the scoping provisions in Section 301.3 for nonresidential additions and alterations, shall require verification that Universal Waste items such as fluorescent lamps and ballast and mercury containing thermostats as well as other California prohibited Universal Waste materials are disposed of properly and are diverted from landfills. A list of prohibited Universal Waste materials shall be included in the construction documents.

Note: Refer to the Universal Waste Rule link at: http://www.dtsc.ca.gov/LawsRegsPolicies/Regs/upload/OEAR-A_REGS_UWR_FinalText.pdf

5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed.

Exception: Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation.

Notes:

1. If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material.
2. For a map of know pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdfa.ca.gov)

SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS

5.410.1 RECYCLING BY OCCUPANTS. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive.

Exception: Rural jurisdictions that meet and apply for the exemption in Public Resources Code 42649.82 (a)(2)(A) et seq. shall also be exempt from the organic waste portion of this section.

5.410.1.1 Additions. All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30% or more in floor area, shall provide recycling areas on site.

Exception: Additions within a tenant space resulting in less than a 30% increase in the tenant space floor area.

5.410.1.2 Sample ordinance. Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division 30 of the *Public Resources Code*. Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act).

Note: A sample ordinance for use by local agencies may be found in Appendix A of the document at the CalRecycle's web site.

N/A

5.410.2 COMMISSIONING. [N] For new buildings 10,000 square feet and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. All occupancies other than I-occupancies and L-occupancies shall comply with the California Energy Code as prescribed in California Energy Code Section 120.8. For I-occupancies that are not regulated by OSHPD or for I-occupancies and L-occupancies that are not regulated by the California Energy Code Section 100.0 Scope, all requirements in Sections 5.410.2 through 5.410.2.6 shall apply.

Commissioning requirements shall include:

1. Owner's or Owner representative's project requirements.
2. Basis of design.
3. Commissioning measures shown in the construction documents.
4. Commissioning plan.
5. Functional performance testing.
6. Documentation and training.
7. Commissioning report.

Exceptions:

1. Unconditioned warehouses of any size.
2. Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within unconditioned warehouses.
3. Tenant improvements less than 10,000 square feet as described in Section 303.1.1.
4. Open parking garages of any size, or open parking garage areas, of any size, within a structure.

Note: For the purposes of this section, unconditioned shall mean a building, area, or room which does not provide heating and or air conditioning.

Informational Notes:

1. IAS AC 476 is an accreditation criteria for organizations providing training and/or certification of commissioning personnel. AC 476 is available to the Authority Having Jurisdiction as a reference for qualifications of commissioning personnel. AC 476 des not certify individuals to conduct functional performance tests or to adjust and balance systems.
2. Functional performance testing for heating, ventilation, air conditioning systems and lighting controls must be performed in compliance with the *California Energy Code*.

N/A

SHEET M0.1

5.410.2.1 Owner's or Owner Representative's Project Requirements (OPR). [N] The expectations and requirements of the building appropriate to its phase shall be documented before the design phase of the project begins. This documentation shall include the following:

1. Environmental and sustainability goals.
2. Energy efficiency goals.
3. Indoor environmental quality requirements.
4. Project program, including facility functions and hours of operation, and need for after hours operation.
5. Equipment and systems expectations.
6. Building occupant and operation and maintenance (O&M) personnel expectations.

N/A

5.410.2.2 Basis of Design (BOD). [N] A written explanation of how the design of the building systems meets the OPR shall be completed at the design phase of the building project. The Basis of Design document shall cover the following systems:

1. Heating, ventilation, air conditioning (HVAC) systems and controls.
2. Indoor lighting system and controls.
3. Water heating system.
4. Renewable energy systems.
5. Water reuse systems.

N/A

5.410.2.3 Commissioning plan. [N] Prior to permit issuance a commissioning plan shall be completed to document how the project will be commissioned. The commissioning plan shall include the following:

1. General project information.
2. Commissioning goals.
3. Systems to be commissioned. Plans to test systems and components shall include:
   a. An explanation of the original design intent.
   b. Equipment and systems to be tested, including the extent of tests.
   c. Functions to be tested.
   d. Conditions under which the test shall be performed.
   e. Measurable criteria for acceptable performance.
4. Commissioning team information.
5. Commissioning process activities, schedules and responsibilities. Plans for the completion of commissioning shall be included.

N/A

5.410.2.4 Functional performance testing. [N] Functional performance tests shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. Functional performance testing reports shall contain information addressing each of the building components tested, the testing methods utilized, and include any readings and adjustments made.

N/A

5.410.2.5 Documentation and training. [N] A Systems Manual and Systems Operations Training are required, including Occupational Safety and Health Act (OSHA) requirements in *California Code of Regulations* (CCR), Title 8, Section 5142, and other related regulations.

5.410.2.5.1 Systems manual. [N] Documentation of the operational aspects of the building shall be completed within the systems manual and delivered to the building owner or representative. The systems manual shall include the following:

1. Site information, including facility description, history and current requirements.
2. Site contact information.
3. Basics operations and maintenance, including general site operating procedures, basic troubleshooting, recommended maintenance requirements, site events log.
4. Major systems.
5. Site equipment inventory and maintenance notes.
6. A copy of verifications required by the enforcing agency or this code.
7. Other resources and documentation, if applicable.

N/A

5.410.2.5.2 Systems operations training. [N] A program for training of the appropriate maintenance staff for each equipment type and/or system shall be developed and documented in the commissioning report and shall include the following:

1. System/equipment overview (what it is, what it does and with what other systems and/or equipment it interfaces).
2. Review and demonstration of servicing/preventive maintenance.
3. Review of the information in the Systems Manual.
4. Review of the record drawings on the system/equipment.

N/A

5.410.2.6 Commissioning report. [N] A report of commissioning process activities undertaken through the design and construction phases of the building project shall be completed and provided to the owner or representative.

5.410.4 TESTING AND ADJUSTING. Testing and adjusting of systems shall be required for buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 303.1.

5.410.4.2 Systems. Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include at a minimum, as applicable to the project:

1. HVAC systems and controls.
2. Indoor and outdoor lighting and controls.
3. Water heating systems.
4. Renewable energy systems.
5. Landscape irrigation systems.
6. Water reuse systems.

5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system.

5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National Environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as approved by the enforcing agency.

5.410.4.4 Reporting. After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.

5.410.4.5 Operation and maintenance (O & M) manual. Provide the building owner or representative with detailed operating and maintenance instructions and copies of guaranties/warranties for each system. O & M instructions shall be consistent with OSHA requirements in CCR, Title 8, Section 5142, and other related regulations.

5.410.4.5.1 Inspections and reports. Include a copy of all inspection verifications and reports required by the enforcing agency.

N/A

SECTION 5.503 FIREPLACES

5.503.1 FIREPLACES. Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove or pellet stove, and refer to residential requirements in the California Energy Code, Title 24, Part 6, Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall comply with applicable local ordinances.

5.503.1.1 Woodstoves. Woodstoves and pellet stoves shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits.

SECTION 5.504 POLLUTANT CONTROL

5.504.1 TEMPORARY VENTILATION. The permanent HVAC system shall only be used during construction if necessary to condition the building or areas of addition or alteration within the required temperature range for material and equipment installation. If the HVAC system is used during construction, use return air filters with a Minimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.2-1999, or an average efficiency of 30% based on ASHRAE 52.1-1992. Replace all filters immediately prior to occupancy, or, if the building is occupied during alteration, at the conclusion of construction.

SHT. M0.1 GBC NOTE #7

5.504.3 Covering of duct openings and protection of mechanical equipment during construction. At the time of rough installation, or during storage on the construction site and until final startup of the heating, cooling and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal or other methods acceptable to the enforcing agency to reduce the amount of dust, water and debris which may collect in the system.

SHT. M0.1 GBC NOTE #1

DIVISION 5.5 ENVIRONMENTAL QUALITY

SECTION 5.501 GENERAL

5.501.1 SCOPE. The provisions of this chapter shall outline means of reducing the quantity of air contaminants that are odorous, irritating, and/or harmful to the comfort and well-being of a building's installers, occupants and neighbors.

SECTION 5.502 DEFINITIONS

5.502.1 DEFINITIONS. The following terms are defined in Chapter 2 *(and are included here for reference)*

ARTERIAL HIGHWAY. A general term denoting a highway primarily for through traffic usually on a continuous route.

A-WEIGHTED SOUND LEVEL (dBA). The sound pressure level in decibels as measured on a sound level meter using the internationally standardized A-weighting filter or as computed from sound spectral data to which A-weighting adjustments have been made.

1 BTU/HOUR. British thermal units per hour, also referred to as Btu. The amount of heat required to raise one pound of water one degree Fahrenheit per hour, a common measure of heat transfer rate. A ton of refrigeration is 12,000 Btu, the amount of heat required to melt a ton (2,000 pounds) of ice at 32° Fahrenheit.

COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average sound level (Ldn), except that a 5 decibel adjustment is added to the equivalent continuous sound exposure level for evening hours (7pm to 10pm) in addition to the 10 dB nighttime adjustment used in the Ldn.

COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, timber, prefabricated wood I–joists or finger–jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Section 93120.1(a).

Note: See CCR, Title 17, Section 93120.1.

DAY-NIGHT AVERAGE SOUND LEVEL (Ldn). The A-weighted equivalent continuous sound exposure level for a 24-hour period with a 10 dB adjustment added to sound levels occurring during nighttime hours (10p.m. to 7 a.m.).

DECIBEL (db). A measure on a logarithmic scale of the magnitude of a particular quantity (such as sound pressure, sound power, sound intensity) with respect to a reference quantity.

ELECTRIC VEHICLE (EV). An automotive-type vehicle for on-road use, such as passenger automobiles, buses, trucks, vans, neighborhood electric vehicles, electric motorcycles, and the like, primarily powered by an electric motor that draws current from a rechargeable storage battery, fuel cell, photovoltaic array, or other source of electric current. Plug-in hybrid electric vehicles (PHEV) are considered electric vehicles. For purposes of the *California Electrical Code*, off-road, self-propelled electric vehicles, such as industrial trucks, hoists, lifts, transports, golf carts, airline ground support equipment, tractors, boats, and the like, are not included.

ELECTRIC VEHICLE CHARGING STATION(S) (EVCS)). One or more spaces intended for charging electric vehicles.

ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE). The conductors, including the ungrounded, grounded, and equipment grounding conductors and the electric vehicle connectors, attachment plugs, and all other fittings, devices, power outlets, or apparatus installed specifically for the purpose of transferring energy between the premises wiring and the electric vehicle.

ENERGY EQUIVALENT (NOISE) LEVEL (Leq). The level of a steady noise which would have the same energy as the fluctuating noise level integrated over the time of period of interest.

EXPRESSWAY. An arterial highway for through traffic which may have partial control of access, but which may or may not be divided or have grade separations at intersections.

FREEWAY. A divided arterial highway with full control of access and with grade separations at intersections.

GLOBAL WARMING POTENTIAL (GWP). The radiative forcing impact of one mass-based unit of a given greenhouse gas relative to an equivalent unit of carbon dioxide over a given period of time. Carbon dioxide is the reference compound with a GWP of one.

GLOBAL WARMING POTENTIAL VALUE (GWP VALUE). A 100-year GWP value published by the Intergovernmental Panel on Climate Change (IPCC) in either its Second Assessment Report (SAR) (IPCC, 1995); or its Fourth Assessment A-3 Report (AR4) (IPCC, 2007). The SAR GWP values are found in column "SAR (100-yr)" of Table 2.14.; the AR4 GWP values are found in column "100 yr" of Table 2.14.

HIGH-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that is: (a) a chlorofluorocarbon, a hdrochlorofluorocarbon, a hydrofluorocarbon, a perfluorocarbon, or any compound or blend of compounds, with a GWP value equal to or greater than 150, or (B) any ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

LONG RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.5 times the pipe diameter.

LOW-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that: (A) has a GWP value less than 150, and (B) is not an ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

MERV. Filter minimum efficiency reporting value, based on ASHRAE 52.2–1999.

MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone formed by adding a compound to the "Base REactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to hundreths of a gram (g O^3/g ROC).

PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for all ingredients in a product subject to this article. The PWMIR is the total product reactivity expressed to hundredths of a gram of ozone formed per gram of product (excluding container and packaging).

PSIG. Pounds per square inch, guage.

REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere.

SCHRADER ACCESS VALVES. Access fittings with a valve core installed.

SHORT RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.0 times the pipe diameter.

SUPERMARKET. For the purposes of Section 5.508.2, a supermarket is any retail food facility with 8,000 square feet or more conditioned area, and that utilizes either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units.

VOC. A volatile organic compound broadly defined as a chemical compound based on carbon chains or rings with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17, Section 94508(a)

Note: Where specific regulations are cited from different agencies such as SCAQMD, ARB, etc., the VOC definition included in that specific regulation is the one that prevails for the specific measure in question.

pk:a
pk:architecture
5126 clareton drive, suite 110
agoura hills, california 91301
v 818.597.1000 f 818.597.1001
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.11.19
	PLAN CHECK SUBMIT	12.20.19

sheet title
CALGREEN BUILDING STANDARDS

drawn by
project no 18-66.60
date
scale

TA0.6

2016 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES

NOTE: CONTRACTOR TO REVIEW ALL NOTES PRIOR TO PROCEEDING. IN PARTICULAR CONTRACTOR TO REVIEW BUILDING DEPARTMENT/GREEN BUILDING NOTES FOR CODE REQUIREMENTS AND MATERIAL SPECIFICATIONS AND MAKE ALL SUBS. AND SUPPLIERS AWARE OF THE SPECIAL REQUIREMENTS.

INSPECTOR SIGNOFF
REFERENCE SHEET (SHEET # OR N/A)

SHEETS
TA3.4.1
TA3.4.2
TA3.4.3
TA3.4.4

5.504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with Sections 5.504.4.1 through 5.504.4.6.

5.504.4.1 Adhesives, sealants and caulks. Adhesives, sealants, and caulks used on the project shall meet the requirements of the following standards:

1. Adhesives, adhesive bonding primers adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCAQMD Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in subsection 2, below.

2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of *California Code of Regulations*, Title 17, commencing with Section 94507.

TABLE 5.504.4.1 - ADHESIVE VOC LIMIT[1,2]

Less Water and Less Exempt Compounds in Grams per Liter

ARCHITECTURAL APPLICATIONS	CURRENT VOC LIMIT
INDOOR CARPET ADHESIVES	50
CARPET PAD ADHESIVES	50
OUTDOOR CARPET ADHESIVES	150
WOOD FLOORING ADHESIVES	100
RUBBER FLOOR ADHESIVES	60
SUBFLOOR ADHESIVES	50
CERAMIC TILE ADHESIVES	65
VCT & ASPHALT TILE ADHESIVES	50
DRYWALL & PANEL ADHESIVES	50
COVE BASE ADHESIVES	50
MULTIPURPOSE CONSTRUCTION ADHESIVES	70
STRUCTURAL GLAZING ADHESIVES	100
SINGLE-PLY ROOF MEMBRANE ADHESIVES	250
OTHER ADHESIVES NOT SPECIFICALLY LISTED	50
SPECIALTY APPLICATIONS	
PVC WELDING	510
CPVC WELDING	490
ABS WELDING	325
PLASTIC CEMENT WELDING	250
ADHESIVE PRIMER FOR PLASTIC	550
CONTACT ADHESIVE	80
SPECIAL PURPOSE CONTACT ADHESIVE	250
STRUCTURAL WOOD MEMBER ADHESIVE	140
TOP & TRIM ADHESIVE	250
SUBSTRATE SPECIFIC APPLICATIONS	
METAL TO METAL	30
PLASTIC FOAMS	50
POROUS MATERIAL (EXCEPT WOOD)	50
WOOD	30
FIBERGLASS	80

1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.

2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168, www.arb.ca.gov/DRDB/SC/CURHTML/R1168.PDF

TABLE 5.504.4.2 - SEALANT VOC LIMIT

Less Water and Less Exempt Compounds in Grams per Liter

SEALANTS	CURRENT VOC LIMIT
ARCHITECTURAL	250
MARINE DECK	760
NONMEMBRANE ROOF	300
ROADWAY	250
SINGLE-PLY ROOF MEMBRANE	450
OTHER	420
SEALANT PRIMERS	
ARCHITECTURAL	
NONPOROUS	250
POROUS	775
MODIFIED BITUMINOUS	500
MARINE DECK	760
OTHER	750

NOTE: FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

INSPECTOR SIGNOFF
REFERENCE SHEET (SHEET # OR N/A)

SHEETS
TA3.4.1
TA3.4.2
TA3.4.3
TA3.4.4

5.504.4.3 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

5.504.4.3.1 Aerosol Paints and coatings. Aerosol paints and coatings shall meet the PWMIR Limits for ROC in Section 94522(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(c)(2) and (d)(2) of *California Code of Regulations*, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8 Rule 49.

INSPECTOR SIGNOFF
REFERENCE SHEET (SHEET # OR N/A)

SHEETS
TA3.4.1
TA3.4.2
TA3.4.3
TA3.4.4

TABLE 5.504.4.3 - VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS[2,3]

GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS

COATING CATEGORY	CURRENT VOC LIMIT
FLAT COATINGS	50
NONFLAT COATINGS	100
NONFLAT HIGH GLOSS COATINGS	150
SPECIALTY COATINGS	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH-TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS[1]	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS:	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

1. GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS

2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.

3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

5.504.4.3.2 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:

1. Manufacturer's product specification
2. Field verification of on-site product containers

5.504.4.4 Carpet Systems. All carpet installed in the building interior shall meet at least one of the testing and product requirements:

1. Carpet and Rug Institute's Green Label Plus Program.
2. Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1, February 2010 (also known as CDPH Standard Method V1.1 or Specification 01350).
3. NSF/ANSI 140 at the Gold level or higher;
4. Scientific Certifications Systems Sustainable Choice; or
5. Compliant with the Collaborative for High Performance Schools California (CA-CHPS) Criteria Interpretation for EQ 7.0 and EQ 7.1 (formerly EQ 2.2) dated July 2012 and listed in the CHPS High Performance Product Database.

5.504.4.4.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute Green Label program.

5.504.4.4.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 5.504.4.1.

5.504.4.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure for Composite Wood (17 CCR 93120 et seq.). Those materials not exempted under the ATCM must meet the specified emission limits, as shown in Table 5.504.4.5.

5.504.4.5.3 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:

1. Product certifications and specifications.
2. Chain of custody certifications.
3. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.).
4. Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian AS/NZS 2269 or European 636 3S standards.
5. Other methods acceptable to the enforcing agency.

INSPECTOR SIGNOFF
REFERENCE SHEET (SHEET # OR N/A)

SHEETS
TA3.4.1
TA3.4.2
TA3.4.3
TA3.4.4

SHT. M0.1
GBC
NOTE #3

TABLE 5.504.4.5 - FORMALDEHYDE LIMITS[1]

MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION

PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD[2]	0.13

1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. FOR ADDITIONAL INFORMATION, SEE CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH 93120.12.

2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8 MM).

5.504.4.6 Resilient flooring systems. For 80 percent of floor area receiving resilient flooring, installed resilient flooring shall meet at least one of the following:

1. Certified under the Resilient Floor Covering Institute (RFCI) FloorScore program;
2. Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health's 2010 Standard Method for the Testing and Evaluation Chambers, Version 1.1, February 2010;
3. Compliant with the Collaborative for High Performance Schools California (CA-CHPS) Criteria Interpretation for EQ 7. and EQ 7.1 (formerly EQ 2.2) dated July 2012 and listed in the CHPS High Performance Product DataBase; or
4. Products certified under UL GREENGUARD Gold (formerly the Greenguard Children's & Schools Program).

5.504.4.6.1 Verification of compliance. Documentation shall be provided verifying that resilient flooring materials meet the pollutant emission limits.

5.504.5.3 Filters. In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of 8. MERV 8 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.

Exceptions:

1. An ASHRAE 10% to 15% efficiency filter shall be permitted for an HVAC unit meeting the 2013 California Energy Code having 60,000 Btu/h or less capacity per fan coil, if the energy use of the air delivery system is 0.4 W/cfm or less at design air flow.
2. Existing mechanical equipment.

5.504.7 ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL. Where outdoor areas are provided for smoking, prohibit smoking within 25 feet of building entries, outdoor air intakes and operable windows and within the building as already prohibited by other laws or regulations; or as enforced by ordinances, regulations or policies of any city, county, city and county, California Community College, campus of the California State University, or campus of the University of California, whichever are more stringent. When ordinances, regulations or policies are not in place, post signage to inform building occupants of the prohibitions.

SECTION 5.505 INDOOR MOISTURE CONTROL

5.505.1 INDOOR MOISTURE CONTROL. Buildings shall meet or exceed the provisions of *California Building Code*, CCR, Title 24, Part 2, Sections 1203 (Ventilation) and Chapter 14 (Exterior Walls). For additional measures not applicable to low-rise residential occupancies, see Section 5.407.2 of this code.

SECTION 5.506 INDOOR AIR QUALITY

5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the *California Energy Code*, or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8.

5.506.2 CARBON DIOXIDE (CO_2) MONITORING. For buildings or additions equipped with demand control ventilation, CO_2 sensors and ventilation controls shall be specified and installed in accordance with the requirements of the California Energy Code, Section 120(c)(4).

SECTION 5.507 ENVIRONMENTAL COMFORT

5.507.4 ACOUSTICAL CONTROL. Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 90 and ASTM E 413, or Outdoor-Indoor Sound Transmission Class (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2.

Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior noise, as determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking structures and utility buildings.

Exception: [DSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction.

5.507.4.1 Exterior noise transmission, prescriptive method. Wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite STC rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations:

1. Within the 65 CNEL noise contour of an airport.

   Exceptions:

   a. L_{dn} or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICUZ) plan.
   b. L_{dn} or CNEL for other airports and heliports for which a land use plan has not been developed shall be determined by the local general plan noise element.

2. Within the 65 CNEL or L_{dn} noise contour of a freeway or expressway, railroad, industrial source or fixed-guideway source as determined by the Noise Element of the General Plan.

5.507.4.1.1. Noise exposure where noisa contours are not readily available. Buildings exposed to a noise level of 65 dB L_{eq} - 1-hr during any hour of operation shall have building, addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30).

5.507.4.2 Performance Method. For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1Hr) of 50 dBA in occupied areas during any hour of operation.

5.507.4.2.1 Site Features. Exterior features such as sound walls or earth berms may be utilized as appropriate to the building, addition or alteration project to mitigate sound migration to the interior.

5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting complying interior soundlevels shall be prepared by personnel approved by the architect or engineer of record.

N/A

5.507.4.3 Interior sound transmission. Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public places shall have an STC of at least 40.

Note: Examples of assemblies and their various STC ratings may be found at the California Office of Noise Control: www.toolbase.org/PDF/CaseStudies/stc_icc_ratings.pdf.

SECTION 5.508 OUTDOOR AIR QUALITY

5.508.1 Ozone depletion and greenhouse gas reductions. Installations of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.

SHT. M0.1
GBC
NOTES
#5 & 6

5.508.1.1 Chlorofluorocarbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not contain CFCs.

5.508.1.2 Halons. Install HVAC, refrigeration and fire suppression equipment that do not contain Halons.

5.508.2 Supermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with the provisions of this section when installed in retail food stores 8,000 square feet or more conditioned area, and that utilize either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential (high-GWP) refrigerants with a GWP of 150 or greater. New refrigeration systems include both new facilities and the replacement of existing refrigeration systems in existing facilities.

INSPECTOR SIGNOFF
REFERENCE SHEET (SHEET # OR N/A)

Exception: Refrigeration systems containing low-global warming potential (low-GWP) refrigerant with a GWP value less than 150 are not subject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants that include ammonia, carbon dioxide (CO_2), and potentially other refrigerants.

5.508.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed to be accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outside diameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used in refrigerant systems except as noted below.

5.508.2.1.1 Threaded pipe. Threaded connections are permitted at the compressor rack.

5.508.2.1.2 Copper pipe. Copper tubing with an OD less than 1/4 inch may be used in systems with a refrigerant charge of 5 pounds or less.

5.508.2.1.2.1 Anchorage. One-fouth-inch OD tubing shall be securely clamped to a rigid base to keep vibration levels below 8 mils.

5.508.2.1.3 Flared tubing connections. Double-flared tubing connections may be used for pressure controls, valve pilot lines and oil.

Exception: Single-flared tubing connections may be used with a multiring seal coated with industrial sealant suitable for use with refrigerants and tightened in accordance with manufacturer's recommendations.

5.508.2.1.4 Elbows. Short radius elbows are only permitted where space limitations prohibit use of long radius elbows.

5.508.2.2 Valves. Valves Valves and fittings shall comply with the *California Mechanical Code* and as follows.

5.508.2.2.1 Pressure relief valves. For vessels containing high-GWP refrigerant, a rupture disc shall be installed between the outlet of the vessel and the inlet of the pressure relief valve.

5.508.2.2.1.1 Pressure detection. A pressure gauge, pressure transducer or other device shall be installed in the space between the rupture disc and the relief valve inlet to indicate a disc rupture or discharge of the relief valve.

5.508.2.2.2 Access valves. Only Schrader access valves with a brass or steel body are permitted for use.

5.508.2.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve caps shall be brass or steel and not plastic.

5.508.2.2.2.2 Seal caps. If designed for it, the cap shall have a neoprene O-ring in place.

5.508.2.2.2.2.1 Chain tethers. Chain tethers to fit ovr the stem are required for valves designed to have seal caps.

Exception: Valves with seal caps that are not removed from the valve during stem operation.

5.508.2.3 Refrigerated service cases. Refrigerated service cases holding food products containing vinegar and salt shall have evaporator coils of corrosion-reistant material, such as stainless steel; or be coated to prevent corrosion from these substances.

5.508.2.3.1 Coil coating. Consideration shall be given to the heat transfer efficiency of coil coating to maximize energy efficiency.

5.508.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall be fitted with a device tha indicates the level of refrigerant in the receiver.

5.508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation and charging.

5.508.2.5.1 Minimum pressure. The system shall be charged with regulated dry nitrogen and appropriate tracer gas to bring system pressure up to 300 psig minimum.

5.508.2.5.2 Leaks. Check the system for leaks, repair any leaks, and retest for pressure using the same gauge.

5.508.2.5.3 Allowable pressure change. The system shall stand, unaltered, for 24 hours with no more than a +/- one pound pressure change from 300 psig, measured with the same gauge.

5.508.2.6 Evacuation. The system shall be evacuated after pressure testing and prior to charging.

5.508.2.6.1 First vacuum. Pull a system vacuum down to at least 1000 microns (+/- 50 microns), and hold for 30 minutes.

5.508.2.6.2 Second vacuum. Pull a second system vacuum to a minimum of 500 microns and hold for 30 minutes.

5.508.2.6.3 Third vacuum. Pull a third vacuum down to a minimum of 300 microns, and hold for 24 hours with a maximum drift of 100 microns over a 24-hour period.

CHAPTER 7
INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS

702 QUALIFICATIONS

702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following:

1. State certified apprenticeship programs.
2. Public utility training programs.
3. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.
4. Programs sponsored by manufacturing organizations.
5. Other programs acceptable to the enforcing agency.

702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector:

1. Certification by a national or regional green building program or standard publisher.
2. Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.
3. Successful completion of a third party apprentice training program in the appropriate trade.
4. Other programs acceptable to the enforcing agency.

Notes:

1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.
2. HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).

[BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency.

Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

703 VERIFICATIONS

703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checklist.

pk:architecture
5126 clareton drive | suite 110
agoura hills, california 91301
v 818 597 1000 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.20.19

sheet title
CALGREEN BUILDING STANDARDS

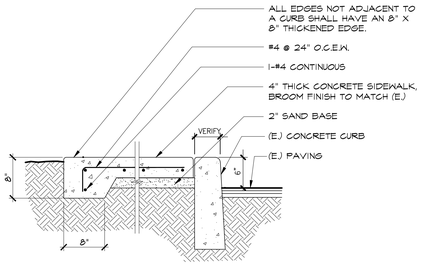
drawn by

project no 18-66.60

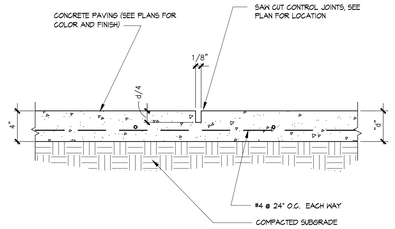
date

scale

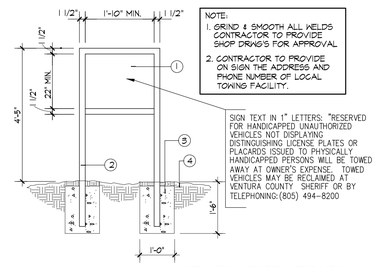
TA0.7



CONCRETE WALK DETAIL G - SCALE: 1" = 1'-0"



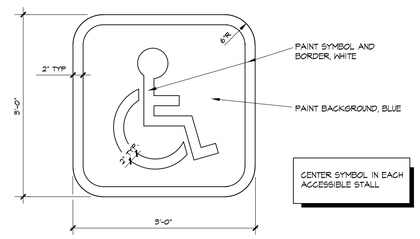
CONCRETE SAWCUT CONTROL JOINT F - SCALE: 1 1/2" = 1'-0"



1. HANDICAPPED ENTRY SIGN 22"W. x 22"H. MIN.
2. 1 1/2" x 1 1/2" SQ. STEEL TUBING GALV. & PAINT BLACK
3. CONCRETE FOOTING
4. FINISH GRADE

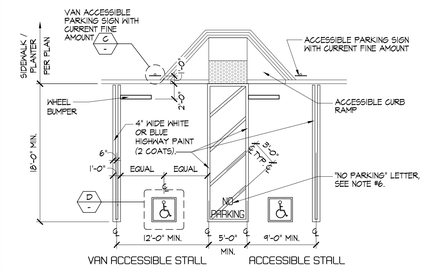
NOTE: VERIFY SIZES PER LATEST CODE.

(E.) ACCESSIBLE ENTRANCE SIGN E - SCALE: 3/4" = 1'-0"
(FOR REFERENCE ONLY)

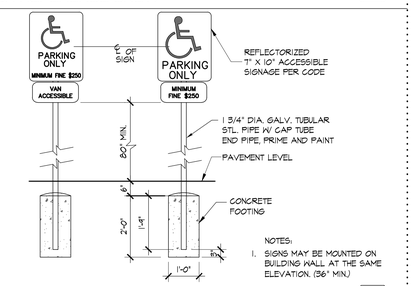


(E.) ACCESSIBLE PARKING STALL SYMBOL D - SCALE: 1/2" = 1'-0"
(FOR REFERENCE ONLY)

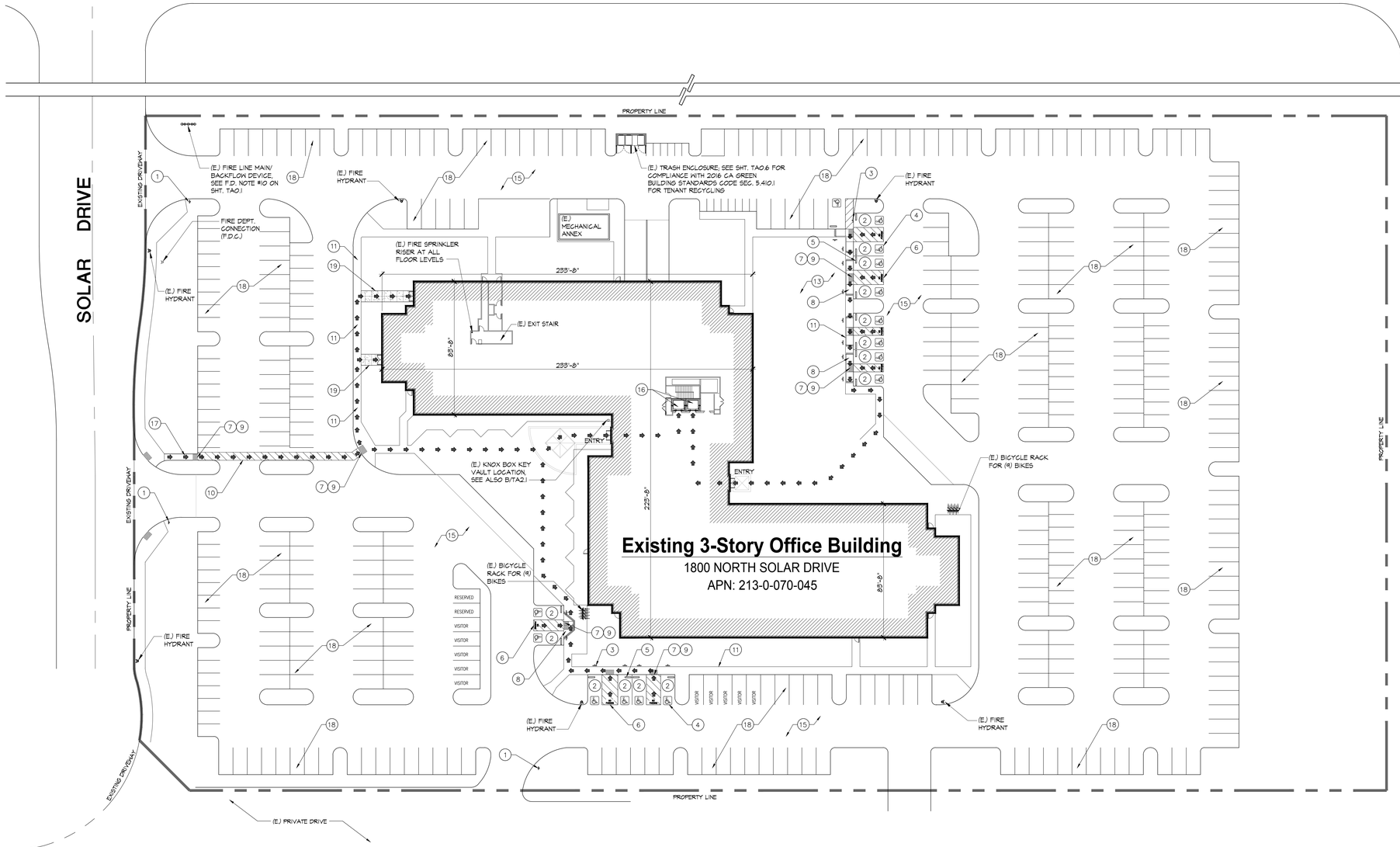
NOTES:
1. SURFACE SLOPES OF PARKING SPACES SHALL NOT EXCEED 2% IN ANY DIRECTION.
2. PAINT 12" HIGH, 1" WIDE STENCIL LETTER TO READ "NO PARKING" WITH TWO (2) COATS OF HIGHWAY WHITE PAINT.



(E.) ACCESSIBLE PARKING B - SCALE: 1/2" = 1'-0"
(FOR REFERENCE ONLY)



(E.) ACCESSIBLE PARKING SIGNAGES C - SCALE: 1/2" = 1'-0"
(FOR REFERENCE ONLY)



SITE PLAN W/ ACCESSIBLE PATH OF TRAVEL A - SCALE: 1" = 30'-0"
(FOR REFERENCE ONLY)

NORTH

LEGEND & KEYNOTES

ACCESSIBLE PATH OF TRAVEL WITH 2% MAXIMUM CROSS SLOPE AND 5% MAXIMUM RUN AT DIRECTION OF TRAVEL

(E.) DENOTES EXISTING

1. EXISTING ACCESSIBLE PARKING SIGNAGE AT DRIVEWAY ENTRANCE, SEE DETAIL E/-
2. EXISTING ACCESSIBLE PARKING SPACE AND STRIPING; MAXIMUM 2% SLOPE IN ALL DIRECTIONS, SEE DETAIL B/-
3. EXISTING ACCESSIBLE PARKING SIGN AT END OF EACH STALL, SEE DETIAL C/-
4. EXISTING ACCESSIBLE PARKING SYMBOL ON PAVEMENT, TYPICAL; SEE DETAIL D/-.
5. EXISTING PRECAST CONCRETE WHEEL STOP
6. EXISTING LOADING/UNLOADING AISLE WITH PAINTED "NO PARKING" ON PAVEMENT (12" HIGH MIN. WHITE LETTERS).
7. EXISTING 0" CURB FACE, FLUSH WITH PARKING LOT PAVEMENT.
8. EXISTING ACCESSIBLE CONCRETE CURB RAMP
9. EXISTING STANDARD YELLOW TRUNCATED DOME PAD
10. EXISTING 48" WIDE MIN. BLUE PAINTED 4" WIDE STRIPE ACCESSIBLE CROSSWALK.
11. EXISTING CONCRETE SIDEWALK.
12. EXISTING CONCRETE PLANTER/TREE WELL.
13. EXISTING LANDSCAPING.
14. EXISTING STANDARD NON-ACCESSIBLE PARKING STALL.
15. EXISTING ASPHALT PAVEMENT DRIVE AISLE.
16. EXISTING ACCESSIBLE PASSENGER ELEVATORS, SEE SHEET TA1.2
17. EXISTING ACCESSIBLE PATH OF TRAVEL FROM PUBLIC RIGHT OF WAY.
18. EXISTING PARKING
19. CONSTRUCT NEW 4" CONCRETE WALK WITH BROOM FINISH TO MATCH EXISTING ON COMPACTED GRADE, SEE DETAILS F/- & G/-

- EXISTING - FOR REFERENCE ONLY

pk:a
pk:architecture
Architecture Group, Inc.
Irvine, California 92618
v 949.581.8000 f 949.581.8030
www.pkarchitecture.com

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

SITE PLAN W/ ACCESSIBLE PATH OF TRAVEL

(For Reference Only)

drawn by

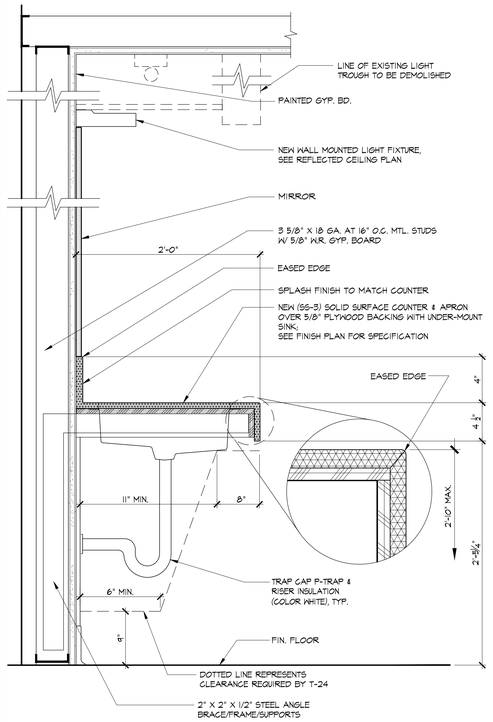
project no 18-66.60

date

scale

TA1.0

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA1.1A - TA1.1B-Existing Restroom Plans & Details-Elevs.dwg, 2/21/2020 3:45:43 PM, DWG To PDF.p



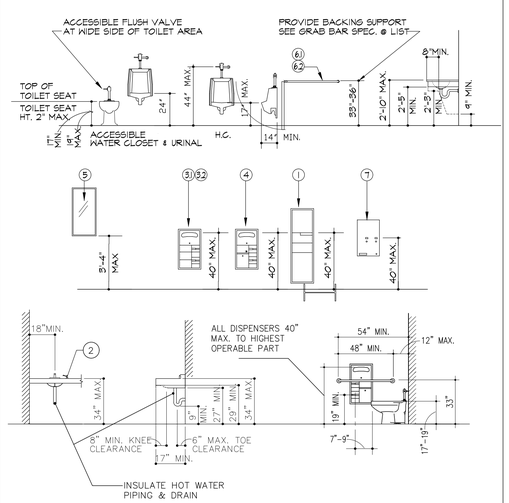
NOTE: HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

TYPICAL EXISTING RESTROOM COUNTER

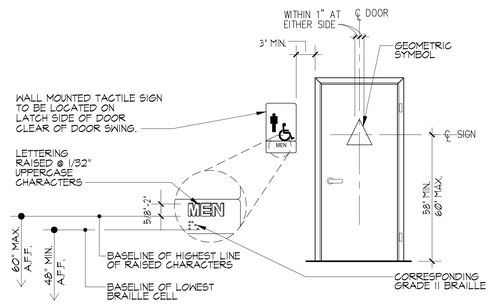
F / –

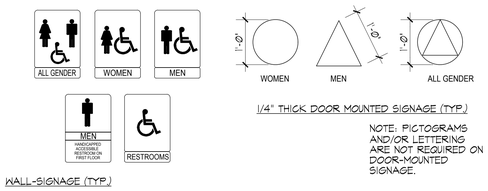
SCALE: 1 1/2" = 1'-0"

STANDARD TOILET FIXTURES / ACCESSORIES MOUNTING HEIGHTS



IDENTIFICATION SYMBOLS FOR SANITARY FACILITIES

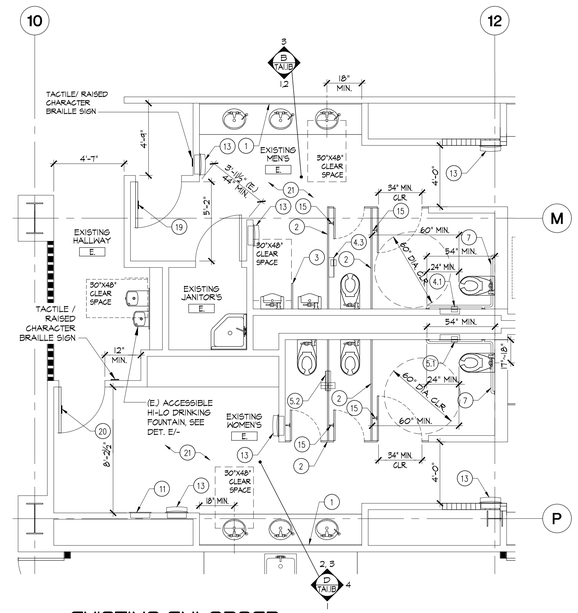




WALL-SIGNAGE (TYP.)

1/4" THICK DOOR MOUNTED SIGNAGE (TYP.)

NOTE: PICTOGRAMS AND/OR LETTERING ARE NOT REQUIRED ON DOOR-MOUNTED SIGNAGE.

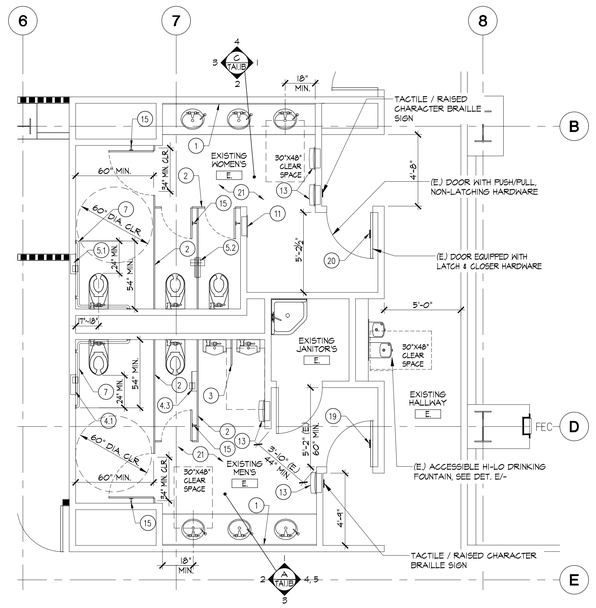


EXISTING ENLARGED 1ST FLOOR RESTROOM PLAN - South Wing

B / –

SCALE: 1/4" = 1'-0"

NORTH



EXISTING ENLARGED 1ST FLOOR RESTROOM PLAN - North Wing

A / –

SCALE: 1/4" = 1'-0"

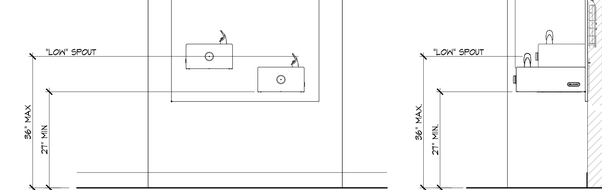
NORTH

EXISTING ENLARGED 2nd FLOOR RESTROOM PLAN - South Wing

D / –

SCALE: 1/4" = 1'-0"

NORTH



EXISTING ENLARGED 2nd FLOOR RESTROOM PLAN - North Wing

C / –

SCALE: 1/4" = 1'-0"

NORTH

EXISTING ACCESSIBLE HI-LO DRINKING FOUNTAIN

(For Reference Only) SCALE: 3/4" = 1'-0"

E / –

ACCESSORIES SCHEDULE / KEYNOTES

	DESCRIPTION
1	B-2909 LAMINATED 1/4" FLOAT/PLATE GLASS MIRROR WITH 15-YEAR SILVER SPOILAGE WARRANTY. BACK PROTECTED WITH 1/8" POLYETHYLENE PADDING. SIZE: 48" H. X FULL WIDTH
2	HEADRAIL BRACED TOILET PARTITIONS; 72" HIGH DOORS AND PANELS (MFR.: "ELITE PLUS" BY HADRIAN, INC.) FINISH: METAL WITH BAKED ON HIGH PERFORMANCE POWDER COATING. COLOR TO BE SELECTED BY ARCHITECT.
3	18" WIDE URINAL SCREEN TO MATCH TOILET PARTITION. COLOR TO BE SELECTED BY ARCHITECT.
4.1	B-3474 RECESSED-MOUNTED TOILET SEAT COVER DISPENSER AND TOILET TISSUE DISPENSER AT MEN'S RESTROOM
4.2	B-3471 PARTITION MOUNTED TOILET SEAT COVER AND TOILET TISSUE DISPENSER.
4.3	B-3474 SURFACE MOUNTED TOILET SEAT COVER AND TOILET TISSUE DISPENSER.
5.1	B-3574 RECESSED-MOUNTED TOILET SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL & TOILET TISSUE DISPENSER AT WOMEN'S RESTROOM
5.2	B-351 PARTITION-MOUNTED TOILET SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL & TOILET TISSUE DISPENSER (SERVES TWO COMPARTMENTS AT WOMEN'S RR)
5.3	B-3574 SURFACE MOUNTED TOILET SEAT COVER NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER.
6	B-8226 COUNTERTOP MOUNTED ALL PURPOSE SOAP DISPENSER.
7	B-5837.99 1 1/4"ø TWO WALL GRAB BAR (EXTEND 24" MINIMUM BEYOND LIP OF WATER CLOSET) FOR ATTACHMENT, USE B-256 ANCHOR PLATES AT STUD WALL AND B-255 AT TOILET COMPARTMENT PANELS (SEE DETAIL G/TA6.2).
8	(RESERVED)
9	B-6877 SURFACE MOUNTED DOOR BUMPER, TYP. AT MAIN ENTRY SOLID WOOD CORE DOOR & HC COMPARTMENT DOOR.
10	(RESERVED)
11	B-37065 50 RECESSED SANITARY NAPKIN/TAMPON VENDOR, SINGLE-COIN OPERATION (VERIFY COIN AMOUNT WITH OWNER).
12	(RESERVED)
13	B-43944 RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE.
14	B-3571 PARTITION MOUNTED TOILET SEAT COVER, NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER AT WOMEN'S ADA STALL.
15	B-212 CLOTHES HOOK AND BUMPER, TYP. AT COMPARTMENT DOOR.
16	(NOT USED)
17	AMERICAN STANDARD WALL-MOUNTED WATER CLOSET, SEE PLUMBING DWGS.
18	AMERICAN STANDARD WALL-HUNG URINAL, SEE PLUMBING DWG..
19	1/4" THK. X 12" WIDTH X 18" LONG SIDES EQUILATERAL TRIANGLE. MOUNTED 60" HIGH, CONTRASTING COLOR FROM DOOR/WALL PER CALIFORNIA TITLE 24 "MEN" SIGNAGE. SEE RESTROOM SIGNAGE STANDARDS BELOW.
20	1/4" THK. X 60" DIA. CIRCLE MOUNTED 60" HIGH, CONTRASTING COLOR FROM DOOR/WALL PER CALIFORNIA TITLE 24 "WOMEN" SIGNAGE. SEE RESTROOM SIGNAGE STANDARDS BELOW.
21	TOILET ROOM FLOORS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE, TO A HEIGHT OF 4-FT. ABOVE THE FLOOR (CBC, SEC 1210.2)
22	FLOOR DRAIN, TYPICAL
23	STONE THRESHOLD

GENERAL NOTES

1. ALL TOILET GYP. BOARD SHALL BE 5/8" TYPE "X" WATER RESISTANT BOARD.
2. INSULATE ALL HOT WATER PIPES UNDERNEATH SINK W/ APPROVED UNITIZED PIECE INSULATION WRAP. (UPC 1504.2)
3. ACCESSORIES MODEL # "B-.." INDICATE MFR. "BOBRICK" AND TYPE 304, 18-8 STAIN FINISH STAINLESS STEEL, UNLESS NOTED OTHERWISE.
4. ALL RESTROOM DIMENSIONS ARE TO FACE OF FINISH (F.O.F.), UNLESS NOTED OTHERWISE.
5. TOILET ROOM CLEARANCES & HEIGHTS TO COMPLY WITH "ADA" REQUIREMENTS AND "CAC" REQUIREMENTS.
6. REFER TO SHEET TA0.2 FOR TOILET ROOM ACCESSIBLE NOTES.
7. SEE PARTITION PLAN FOR ALL WALL TYPE REFERENCES.
8. WHERE GRAB BAR OCCURS AT DRYWALL, PROVIDE ANCHOR PLATES- 256 SERIES OR 258 FOR TOILET COMPARTMENTS.
9. PROVIDE BLOCKING/ SUPPORTS AT WALL MOUNTED FIXTURES AS REQUIRED.
10. A.) PROVIDE LOW-FLUSH WATER SAVING WATER CLOSET PER 2016 CPC. FLUSH VOLUME SHALL NOT EXCEED 1.28 GALLONS PER FLUSH.
    B.) PROVIDE LOW-FLUSH WATER SAVING URINAL PER 2016 CPC. URINALS SHALL USE NO MORE THAN 0.5 GALLONS PER FLUSH.
11. THE FAUCET CONTROLS AND THE OPERATING MECHANISM (OPERABLE WITH ONE HAND) SHALL BE OF THE TYPE NOT REQUIRING AN OPERATING FORCE EXCEEDING 5 LBF. OR TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. (UPC 1504.3)
12. ANY SELF-CLOSING VALVES, IF USED, ARE TO REMAIN OPEN FOR AT LEAST 10 SECONDS. (UPC 1504.3)
13. TOILET ROOMS SHALL BE PROVIDED WITH A MECHANICALLY OPERATED EXHAUST SYSTEM CAPABLE OF PROVIDING A COMPLETE CHANGE OF AIR EVERY 15 MINUTES. IT SHALL BE CONNECTED DIRECTLY TO THE OUTSIDE AND THE POINT OF DISCHARGE SHALL BE AT LEAST 3 FEET FROM ANY OPENING THAT ALLOWS AIR ENTRY INTO OCCUPIED PORTIONS OF THE BUILDING. SEC 1202.2.1

pk:a
pk:architecture
5126 clareton drive · suite 110
agoura hills · california 91301
v 818.597.1000 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

EXISTING ENLARGED RESTROOM PLANS & DETAILS

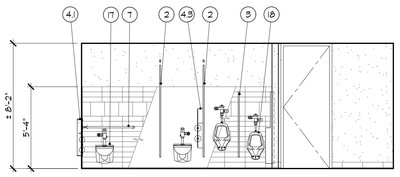
drawn by

project no 18-66.60

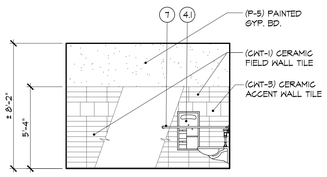
date

scale

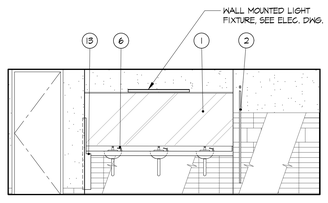
TA1.1A



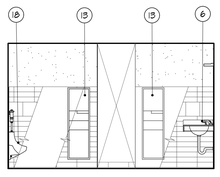
- 1 -



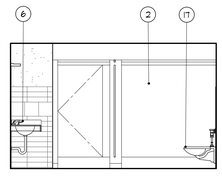
- 2 -



- 3 -



- 4 -

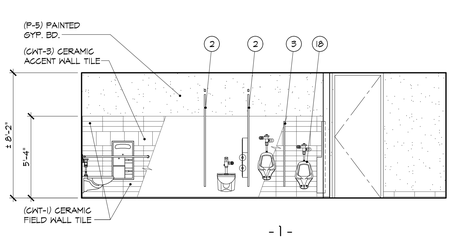


- 5 -

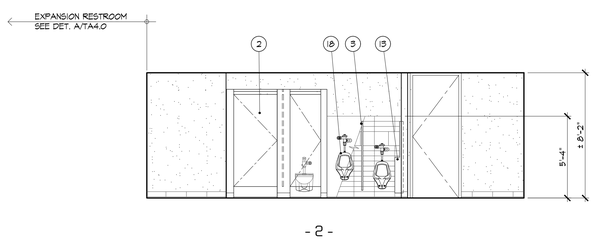
EXISTING 1ST FLOOR MEN'S RR ELEVATIONS - North Wing and EXISTING 2ND FLOOR MEN'S RR ELEVATIONS - North & South Wing

SCALE: 1/4" = 1'-0"

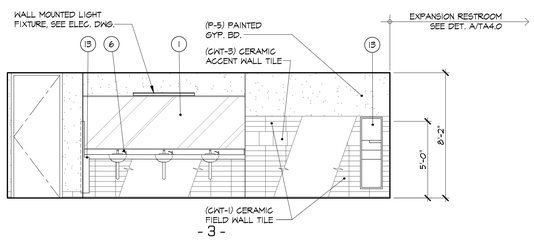
A



- 1 -



- 2 -

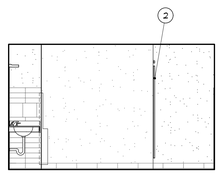


- 3 -

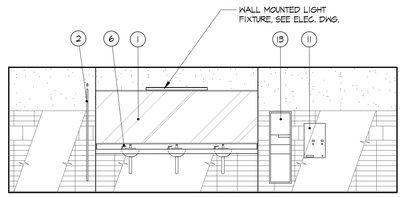
EXISTING 1ST FLOOR MEN'S RESTROOM ELEVATIONS - South Wing

SCALE: 1/4" = 1'-0"

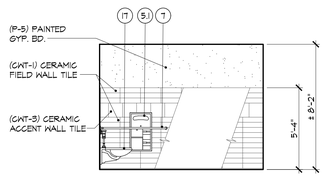
B



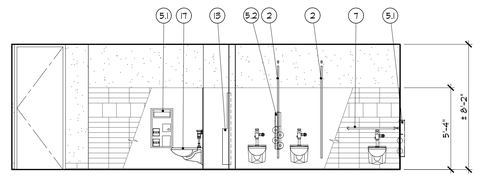
- 1 -



- 2 -



- 3 -

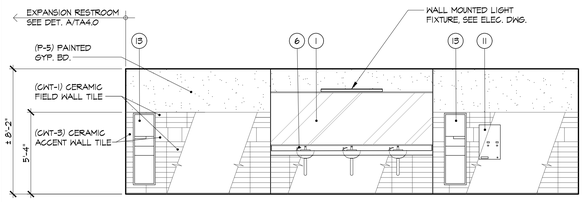


- 4 -

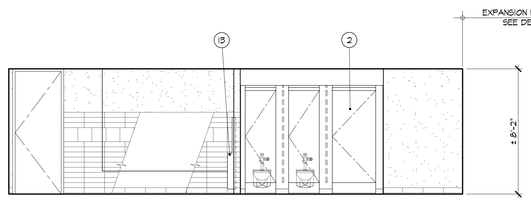
EXISTING 1ST FLOOR WOMEN'S RR ELEVATIONS - North Wing and EXISTING 2ND FLOOR WOMEN'S RR ELEVATIONS - North & South Wing

SCALE: 1/4" = 1'-0"

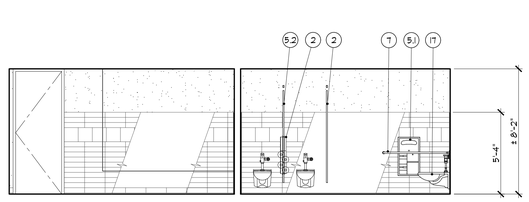
C



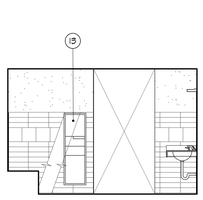
- 1 -



- 2 -



- 3 -



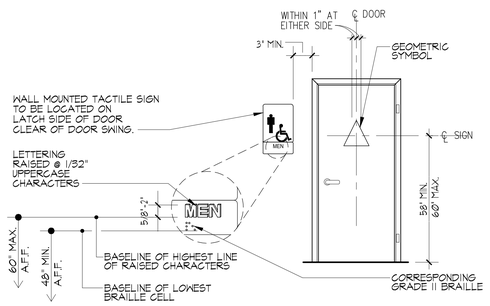
- 4 -

EXISTING 1ST FLOOR WOMEN'S RESTROOM ELEVATIONS - South Wing

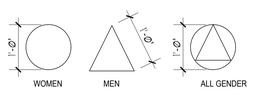
SCALE: 1/4" = 1'-0"

D

IDENTIFICATION SYMBOLS FOR SANITARY FACILITIES



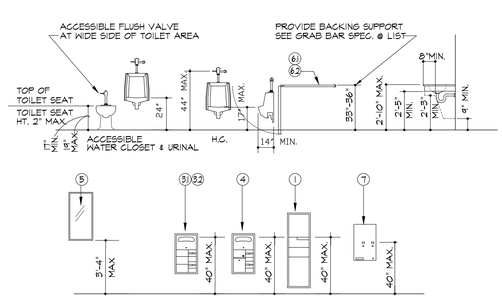
WALL-SIGNAGE (TYP.)

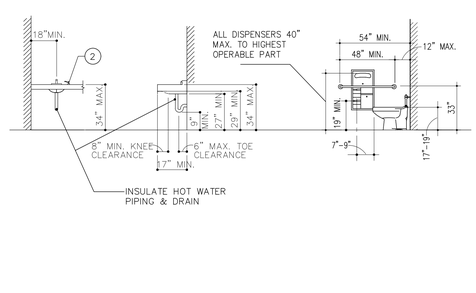


1/4" THICK DOOR MOUNTED SIGNAGE (TYP.)

NOTE: PICTOGRAMS AND/OR LETTERING ARE NOT REQUIRED ON DOOR-MOUNTED SIGNAGE.

STANDARD TOILET FIXTURES / ACCESSORIES MOUNTING HEIGHTS





pk:a
pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818 597 1005 7 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.11.19
	PLAN CHECK SUBMIT.	12.13.19
	BID ISSUE	02.24.20

sheet title

EXISTING ENLARGED RESTROOM ELEVATIONS

drawn by

project no 18-66.60

date

scale

TA1.1B

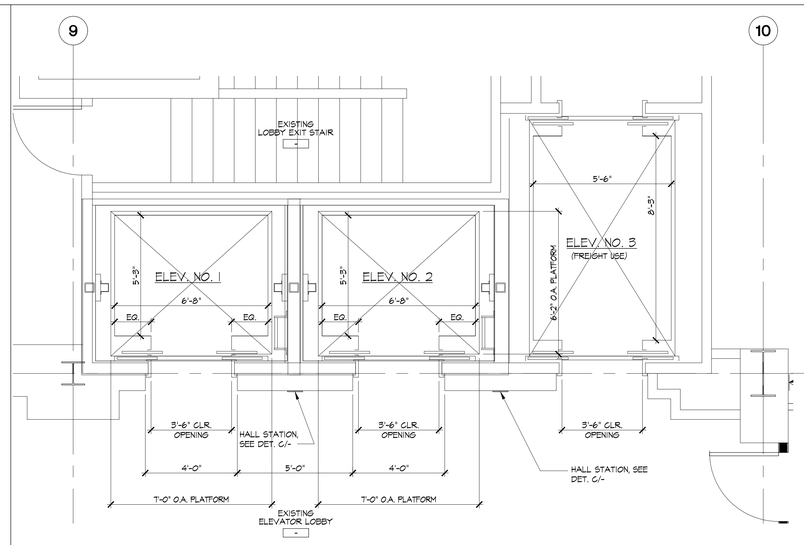
ACCESSORIES SCHEDULE / KEYNOTES

DESCRIPTION

1. B-2909 LAMINATED 1/4" FLOAT/PLATE GLASS MIRROR WITH 15-YEAR SILVER SPOILAGE WARRANTY. BACK PROTECTED WITH 1/8" POLYETHYLENE PADDING. SIZE: 48" H. X FULL WIDTH
2. HEADRAIL BRACED TOILET PARTITIONS, 72" HIGH DOORS AND PANELS (MFR.: "ELITE PLUS" BY HADRIAN, INC. / FINISH: METAL WITH BAKED ON HIGH PERFORMANCE POWDER COATING. COLOR TO BE SELECTED BY ARCHITECT.
3. 18" WIDE URINAL SCREEN TO MATCH TOILET PARTITION. COLOR TO BE SELECTED BY ARCHITECT.
4.1. B-3474 RECESSED-MOUNTED TOILET SEAT COVER DISPENSER AND TOILET TISSUE DISPENSER AT MEN'S RESTROOM
4.2. B-3471 PARTITION MOUNTED TOILET SEAT COVER AND TOILET TISSUE DISPENSER.
4.3. B-3478 SURFACE MOUNTED TOILET SEAT COVER AND TOILET TISSUE DISPENSER.
5.1. B-3574 RECESSED-MOUNTED TOILET SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL & TOILET TISSUE DISPENSER AT WOMEN'S RESTROOM
5.2. B-351 PARTITION-MOUNTED TOILET SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL & TOILET TISSUE DISPENSER (SERVES TWO COMPARTMENTS AT WOMEN'S RR)
5.3. B-3579 SURFACE MOUNTED TOILET SEAT COVER NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER.
6. B-8226 COUNTERTOP MOUNTED ALL PURPOSE SOAP DISPENSER.
7. B-5837.99 1 1/4"Ø TWO WALL GRAB BAR (EXTEND 24" MINIMUM BEYOND LIP OF WATER CLOSET) FOR ATTACHMENT, USE B-256 ANCHOR PLATES AT STUD WALL AND B-255 AT TOILET COMPARTMENT PANELS (SEE DETAIL G/TA6.2).
8. (RESERVED)
9. B-6871 SURFACE MOUNTED DOOR BUMPER, TYP. AT MAIN ENTRY SOLID WOOD CORE DOOR & HC COMPARTMENT DOOR.
10. (RESERVED)
11. B-37065 SO RECESSED SANITARY NAPKIN/TAMPON VENDOR, SINGLE-COIN OPERATION (VERIFY COIN AMOUNT WITH OWNER).
12. (RESERVED)
13. B-43944 RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE.
14. B-3511 PARTITION MOUNTED TOILET SEAT COVER, NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER AT WOMEN'S ADA STALL.
15. B-212 CLOTHES HOOK AND BUMPER, TYP. AT COMPARTMENT DOOR.
16. (NOT USED)
17. AMERICAN STANDARD WALL-MOUNTED WATER CLOSET, SEE PLUMBING DWGS.
18. AMERICAN STANDARD WALL-HUNG URINAL, SEE PLUMBING DWG..
19. 1/4" THK. X 12" WIDTH X 18" LONG SIDES EQUILATERAL TRIANGLE. MOUNTED 60" HIGH, CONTRASTING COLOR FROM DOOR/WALL PER CALIFORNIA TITLE 24 "MEN" SIGNAGE. SEE RESTROOM SIGNAGE STANDARDS BELOW.
20. 1/4" THK. X 60" DIA. CIRCLE MOUNTED 60" HIGH, CONTRASTING COLOR FROM DOOR/WALL PER CALIFORNIA TITLE 24 "WOMEN" SIGNAGE. SEE RESTROOM SIGNAGE STANDARDS BELOW.
21. TOILET ROOM FLOORS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE, TO A HEIGHT OF 4-FT. ABOVE THE FLOOR (CBC, SEC 1210.2)
22. FLOOR DRAIN, TYPICAL
23. STONE THRESHOLD

ELEVATOR NOTES:

1. PASSENGER ELEVATORS SHALL BE LOCATED NEAR A MAJOR PATH OF TRAVEL AND PROVISIONS SHALL BE MADE TO ASSURE THAT THEY REMAIN ACCESSIBLE AND USABLE AT ALL TIMES THE BUILDING IS OCCUPIED.
2. THE CAR INSIDE SHALL ALLOW FOR THE TURNING OF A WHEELCHAIR. THE MINIMUM CLEAR DISTANCE BETWEEN WALLS OR BETWEEN WALL AND DOOR, EXCLUDING RETURN PANELS, SHALL BE NOT LESS THAN 80" BY 54" FOR CENTER-OPENING DOORS, AND 68" BY 54" FOR SIDE-SLIDE OPENING DOORS. MINIMUM DISTANCE FROM WALL TO RETURN PANEL SHALL BE NOT LESS THAN 51".
3. MINIMUM CLEAR WIDTH FOR ELEVATOR DOORS SHALL BE 36".
4. A HANDRAIL SHALL BE PROVIDED ON ONE WALL OF THE CAR, PREFERABLE THE REAR. THE RAILS SHALL BE SMOOTH AND THE INSIDE SURFACE AT LEAST 1-1/2" CLEAR OF THE WALLS AT A NOMINAL HEIGHT OF 34" ABOVE THE FLOOR.
5. ELEVATOR FLOOR BUTTONS SHALL BE WITHIN 4'-6" ABOVE THE FINISHED FLOOR FOR SIDE APPROACH AND 4' FOR FRONT APPROACH.
6. FLOOR BUTTONS SHALL BE PROVIDED WITH VISUAL INDICATORS TO SHOW WHEN EACH CALL IS REGISTERED. THE VISUAL INDICATORS SHALL BE EXTINGUISHED WHEN EACH CALL IS ANSWERED.
7. EXCEPT FOR PHOTO ELECTRIC TUBE BY-PASS SWITCHES, EMERGENCY CONTROLS, INCLUDING THE EMERGENCY STOP AND ALARM, SHALL BE GROUPED IN OR ADJACENT TO THE BOTTOM OF THE PANEL AND SHALL BE NO LOWER THAN 2'-11" FROM THE FLOOR. FOR MULTIPLE CONTROLS ONLY, ONE SET MUST COMPLY WITH THESE HEIGHT
8. CALL OPERATION BUTTONS SHALL BE WITHIN 3'-6" OF THE FLOOR. THE BUTTONS SHALL BE A MINIMUM OF 3/4" IN SIZE AND SHALL BE RAISED 1/8" ± 1/32" ABOVE THE SURROUNDING SURFACE. VISUAL INDICATION SHALL BE PROVIDED TO SHOW EACH CALL REGISTERED AND EXTINGUISHED WHEN ANSWERED. OBJECTS ADJACENT TO AND BELOW HALL CALL BUTTONS SHALL NOT PROJECT MORE THAN 4" FROM THE WALL.
9. THE EMERGENCY TELEPHONE HANDSET SHALL BE POSITIONED NO HIGHER THAN 4' ABOVE THE FLOOR, AND THE HANDSET CORD SHALL BE A MINIMUM OF 2'-5" IN LENGTH.
10. IF THE TELEPHONE SYSTEM IS LOCATED IN A CLOSED COMPARTMENT, THE COMPARTMENT DOOR HARDWARE SHALL BE LEVER TYPE CONFORMING TO THE PROVISIONS OF SECTION 3304(c), TYPE OF LOCK OR LATCH. EMERGENCY INTERCOMMUNICATION SHALL NOT REQUIRE VOICE COMMUNICATION.
11. A CAR POSITION INDICATOR SHALL BE PROVIDED ABOVE THE CAR OPERATING PANEL OR OVER THE OPENING OF EACH CAR TO SHOW THE POSITION OF THE CAR IN THE HOISTWAY BY ILLUMINATION OF THE INDICATION CORRESPONDING TO THE LANDING AT WHICH THE CAR IS STOPPED OR PASSING.
12. THE CAR POSITION INDICATOR SHALL BE ON A CONTRASTING COLOR BACKGROUND AND A MINIMUM OF 1/2" IM HEIGHT.
13. AN AUDIBLE VERBAL ANNOUNCEMENT OR SIGNAL SHALL SOUND TO TELL PASSENGERS THAT THE CAR IS STOPPING OR PASSING A FLOOR SERVED BY THE ELEVATOR. THE AUDIBLE SIGNAL SHALL BE NO LESS THAN 20 DECIBELS WITH A FREQUENCY NO HIGHER THAN 1500 Hz.
14. THE MINIMUM ILLUMINATION AT THE CAR CONTROLS, THRESHOLD, AND THE LANDING WHEN THE CAR AND LANDING DOORS ARE OPEN SHALL NOT BE LESS THAN 5 FOOT-CANDLES.
15. IDENTIFICATION FOR THE VISUALLY IMPAIRED SHALL BE AS FOLLOWS:
    a. PASSENGER ELEVATOR CAR CONTROLS SHALL HAVE A MINIMUM DIMENSION OF 3/4" AND SHALL BE RAISED 1/8" + 1/32" ABOVE THE SURROUNDING SURFACE.
    b. CONTROL BUTTONS SHALL BE ILLUMINATED, SHALL HAVE SQUARE SHOULDERS, AND SHALL BE ACTIVATED BY A MECHANICAL MOTION THAT IS DETECTIBLE.
    c. ALL CONTROL BUTTONS SHALL BE DESIGNATED BY A 5/8" MINIMUM, ARABIC NUMERAL, STANDARD ALPHABET CHARACTER, OR STANDARD SYMBOL IMMEDIATELY TO THE LEFT OF THE CONTROL BUTTON.
    d. A BRAILLE SYMBOL SHALL BE LOCATED IMMEDIATELY BELOW THE NUMERAL, CHARACTER, OR SYMBOL.
    e. A MINIMUM CLEAR SPACE OF 3/8" OR OTHER SUITABLE MEANS OF SEPARATION SHALL BE PROVIDED BETWEEN ROWS OF CONTROL BUTTONS.
    f. THE RAISED CHARACTERS SHALL BE WHITE ON A BLACK BACKGROUND.
    g. CONTROLS AND EMERGENCY EQUIPMENT IDENTIFIED BY RAISED SYMBOLS SHALL INCLUDE, BUT NOT BE LIMITED TO, DOOR OPEN, DOOR CLOSE, ALARM BELL, EMERGENCY STOP, AND TELEPHONE.
    h. THE FLOOR LANDING DESIGNATION SIGN FOR THE MAIN ENTRY FLOOR SHALL BE DESIGNATED BY A RAISED STAR AT THE LEFT OF THE FLOOR DESIGNATION.
16. A VISUAL AND AUDIBLE SIGNAL SHALL BE PROVIDED AT EACH HOISTWAY ENTRANCE INDICATING TO THE PROSPECTIVE PASSENGER THE CAR ANSWERING THE CALL AND ITS DIRECTION OF TRAVEL AS FOLLOWS:
    a. THE VISUAL SIGNAL FOR EACH DIRECTION SHALL BE A MINIMUM OF 2-1/2" HIGH BY 2-1/2" WIDE, AND VISIBLE FROM THE PROXIMITY OF THE HALL CALL BUTTON.
    b. THE AUDIBLE SIGNAL SHALL SOUND ONCE FOR THE UP DIRECTION AND TWICE FOR THE DOWN DIRECTION OR OF A CONFIGURATION WHICH DISTINGUISHES BETWEEN UP AND DOWN ELEVATOR TRAVEL.
    c. THE CENTER LINE OF THE FIXTURE SHALL BE LOCATED A MINIMUM OF 6' IN HEIGHT FROM THE LOBBY FLOOR.
17. THE USE OF IN-CAR LANTERNS, LOCATED IN OR ON THE DOOR JAMBS, VISIBLE FROM THE PROXIMITY OF THE HALL CALL BUTTONS AND CONFORMING TO SECTIONS 5103(d.1)9 A, B, & C WILL BE ACCEPTED.
18. THE USE OF ARROW SHAPES IS PREFERED FOR VISIBLE SIGNALS.
19. PASSENGER ELEVATOR LANDING JAMBS ON ALL ELEVATOR FLOORS SHALL HAVE THE NUMBER OF THE FLOOR ON WHICH THE JAMB IS LOCATED DESIGNATED BY RAISED ARABIC NUMERALS WHICH ARE A MINIMUM OF 2" IN HEIGHT AND RAISED BRAILLE SYMBOLS WHICH CONFORM TO SECTION 3105(e)1 LOCATED APPROXIMATELY 5' ABOVE THE FLOOR ON THE JAMB PANELS ON BOTH SIDES OF THE DOOR SO THAT THEY ARE VISIBLE FROM WITHIN THE ELEVATOR. RAISED BRAILLE SYMBOLS SHALL BE PLACED DIRECTLY TO THE LEFT OF THE CORRESPONDING RAISED ARABIC NUMERALS. THE RAISED CHARACTERS SHALL BE ON A CONTRASTING BACKGROUND.
20. POWER-OPERATED HORIZONTALLY SLIDING CAR AND HOISTWAY DOORS OPENED AND CLOSED BY AUTOMATIC MEANS SHALL BE PROVIDED.
21. DOORS CLOSED BY AUTOMATIC MEANS SHALL BE PROVIDED WITH A DOOR REOPENING DEVICE WHICH WILL FUNCTION TO STOP AND REOPEN A CAR DOOR AND ADJACENT HOISTWAY DOOR IN CASE THE CAR DOOR IS OBSTRUCTED WHILE CLOSING. THIS REOPENING DEVICE SHALL ALSO BE CAPABLE OF SENSING AN OBJECT OR PERSON IN THE PATH OF THE CLOSING DOOR WITHOUT REQUIRING CONTACT FOR ACTIVATION AT A NORMAL 5" AND 29" ABOVE THE FLOOR. DOOR REOPENING DEVICES SHALL REMAIN EFFECTIVE FOR A PERIOD OF NOT LESS THAN 20 SECONDS. AFTER SUCH AN INTERVAL THE DOORS MAY CLOSE IN ACCORDANCE WITH THE REQUIREMENTS OF ANSI 17.1-86 OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) DOCUMENT ASME 17.1-1990.
22. THE MINIMUM ACCEPTABLE TIME FROM NOTIFICATION THAT A CAR IS ANSWERING A CALL (LANTERN AND AUDIBLE SIGNAL) UNTIL THE DOORS OF THE CAR START TO CLOSE SHALL BE CALCULATED IN ACCORDANCE WITH SECTION 5103(d.1)5A.
23. FOR CARS WITH IN-CAR LANTERNS, THE TOTAL TIME, T, AS CALCULATED IN ACCORDANCE WITH SECTION 5103(d.1)5A, BEGINS WHEN THE LANTERN IS VISIBLE FROM THE VICINITY OF HALL CALL BUTTONS AND AN AUDIBLE SIGNAL IS SOUNDED.
24. THE MINIMUM ACCEPTABLE TIME FOR DOORS TO REMAIN FULLY OPEN SHALL NOT BE LESS THAN 5 SECONDS.
25. THE ELEVATOR SHALL BE AUTOMATIC AND BE PROVIDED WITH A SELF-LEVELING FEATURE THAT WILL AUTOMATICALLY BRING THE CAR TO THE FLOOR LANDINGS WITH A TOLERANCE OF ±3/8" UNDER NORMAL LOADING AND UNLOADING CONDITIONS. THIS SELF-LEVELING SHALL, WITHIN ITS ZONE, BE ENTIRELY AUTOMATIC AND INDEPENDENT OF THE OPERATING DEVICE AND SHALL CORRECT THE OVERTRAVEL OR UNDER-TRAVEL. THE CAR SHALL ALSO BE MAINTAINED APPROXIMATELY LEVEL WITH THE LANDING, IRRESPECTIVE OF LOAD. THE CLEARANCE BETWEEN THE CAR PLATFORM SILL AND THE EDGE OF THE HOISTWAY LANDING SHALL BE NO GREATER THAN 1-1/4".
26. WALLS AND PARTITIONS ENCLOSING ELEVATOR AND DUMBWAITER HOISTWAY SHAFTS AND ESCALATOR SHAFTS SHALL NOT BE OF LESS THAN THE FIRE-RESISTIVE CONSTRUCTION REQUIRED UNDER "TYPES OF CONSTRUCTION" IN THE LOS ANGELES BUILDING CODE.
27. ELEVATOR LOBBIES SHALL HAVE AT LEAST ONE EXIT. THE USE OF SUCH EXIT SHALL NOT REQUIRE KEYS, TOOLS, SPECIAL KNOWLEDGE OR EFFORT.
28. ELEVATOR REQUIRES APPROVAL AND PERMIT FROM THE STATE PRIOR TO PERMIT ISSUANCE.



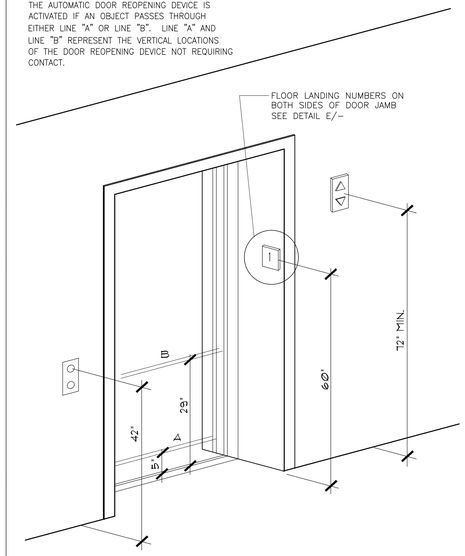
EXISTING ENLARGED ELEVATOR LOBBY PLAN

SCALE: 3/8" = 1'-0" — D

NORTH

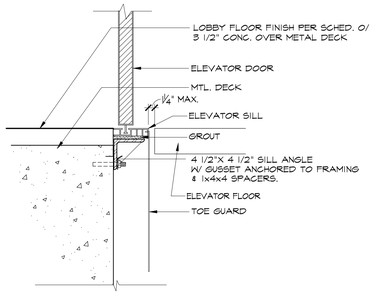
- EXISTING - FOR REFERENCE ONLY

NOTE:
THE AUTOMATIC DOOR REOPENING DEVICE IS ACTIVATED IF AN OBJECT PASSES THROUGH EITHER LINE "A" OR LINE "B". LINE "A" AND LINE "B" REPRESENT THE VERTICAL LOCATIONS OF THE DOOR REOPENING DEVICE NOT REQUIRING CONTACT.



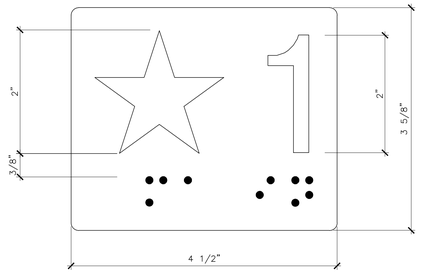
(E.) ELEVATOR LOBBY ENTRANCES — A

N.T.S. (For Reference Only)



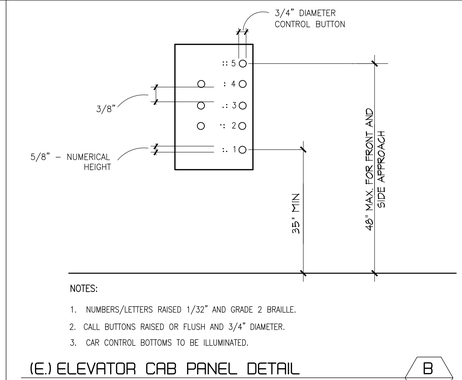
(E.) ELEVATOR SILL @ 2ND & 3RD LEVELS — H

SCALE: 1" = 1'-0" (For Reference Only)



(E.) FLOOR LANDING NUMBER SIGNAGE — E

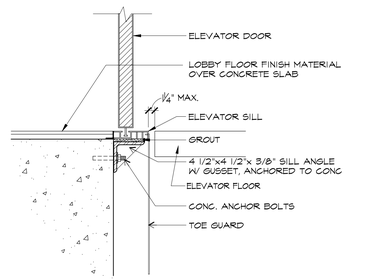
SCALE: FULL (For Reference Only)



NOTES:
1. NUMBERS/LETTERS RAISED 1/32" AND GRADE 2 BRAILLE.
2. CALL BUTTONS RAISED OR FLUSH AND 3/4" DIAMETER.
3. CAR CONTROL BOTTOMS TO BE ILLUMINATED.

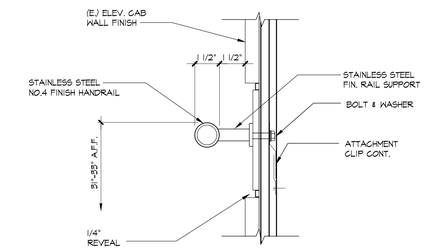
(E.) ELEVATOR CAB PANEL DETAIL — B

N.T.S. (For Reference Only)



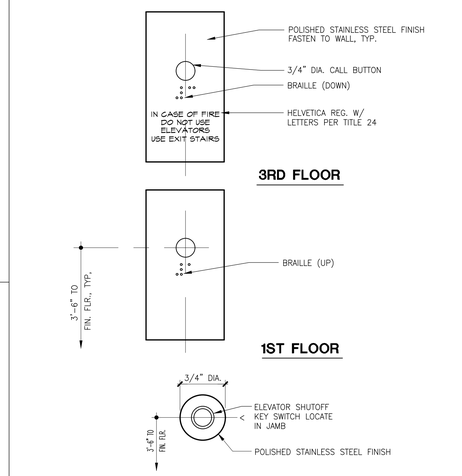
(E.) ELEVATOR SILL @ 1ST LEVEL — J

SCALE: 1" = 1'-0" (For Reference Only)



(E.) HANDRAIL AT WRAPPED PANELS — F

SCALE: 3" = 1'-0" (For Reference Only)



(E.) ELEVATOR CAB PANEL DETAIL — C

N.T.S. (For Reference Only)

pk:a
pk:architecture
5265 planeton drive · suite 110
agoura hills, california 91301
v 818.594.0057 f 818.594.0013
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

	remarks	date
	PROGRESS SET	10.11.19
	PLAN CHECK SUBMITT.	12.13.19
	BID ISSUE	02.21.20

sheet title

EXISTING ELEVATOR PLANS & DETAILS *(For Reference Only)*

drawn by

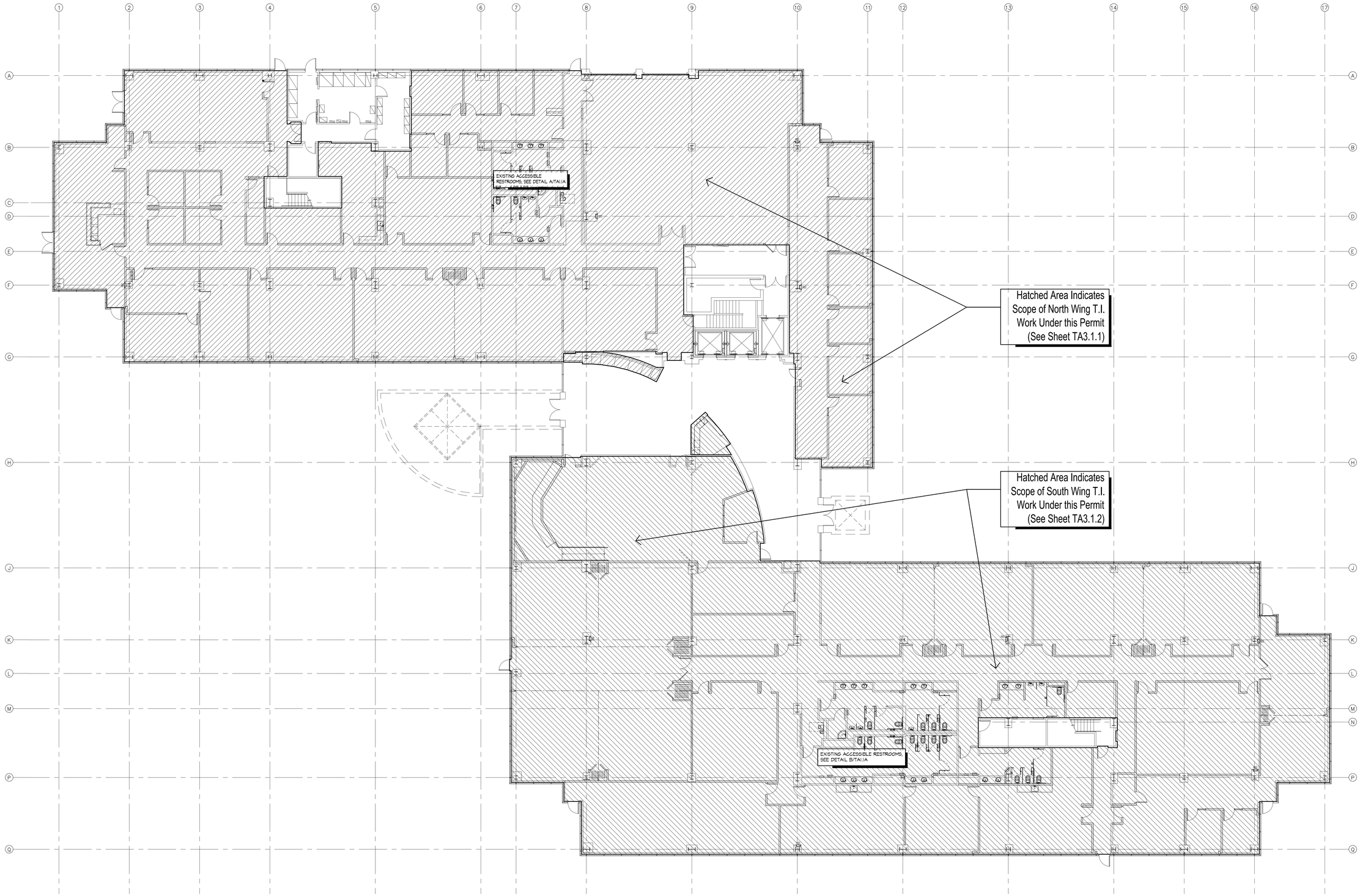
project no 18-66.60

date

scale

TA1.2

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA2.0-TA2.1-1st & 2nd Flr Location Plans.dwg, 2/21/2020 3:54:27 PM, DWG To PDF.p



FIRST FLOOR LOCATION PLAN

SCALE: 3/32" = 1'-0"

A
–

NORTH

pk:architecture

5126 clareton drive : suite 110
agoura hills : california 91301
v 818 597 1005 7 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

FIRST FLOOR
LOCATION PLAN

drawn by

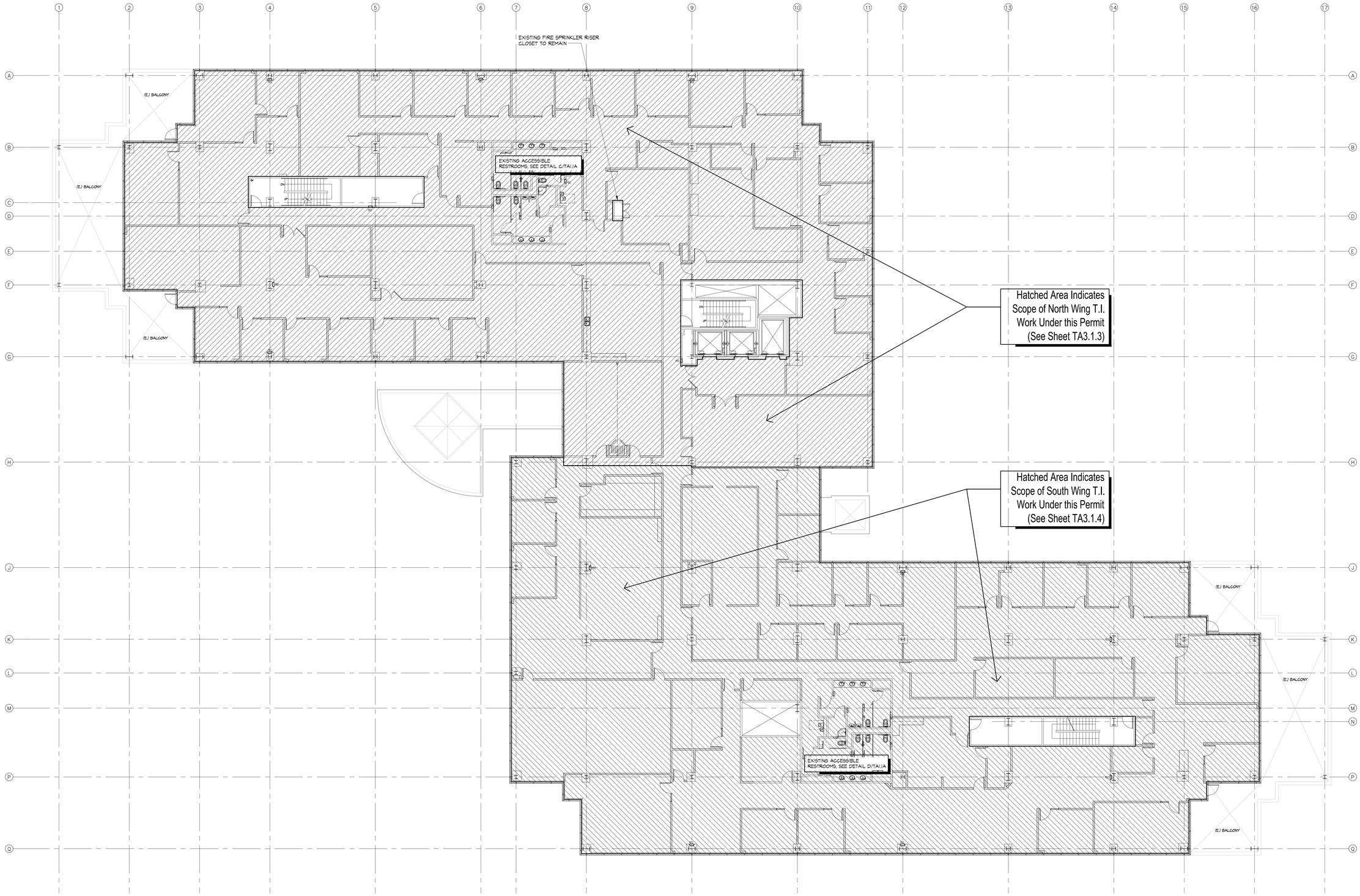
project no 18-66.60

date

scale

TA2.0

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA2.0-TA2.1-1st & 2nd Flr Location Plans.dwg, 2/21/2020 3:55:09 PM, DWG To PDF.p



SECOND FLOOR LOCATION PLAN

SCALE: 3/32" = 1'-0"

A
–

NORTH

pk:architecture

5126 clareton drive : suite 110
agoura hills : california 91301
v 818 597 1005 7 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

SECOND FLOOR LOCATION PLAN

drawn by

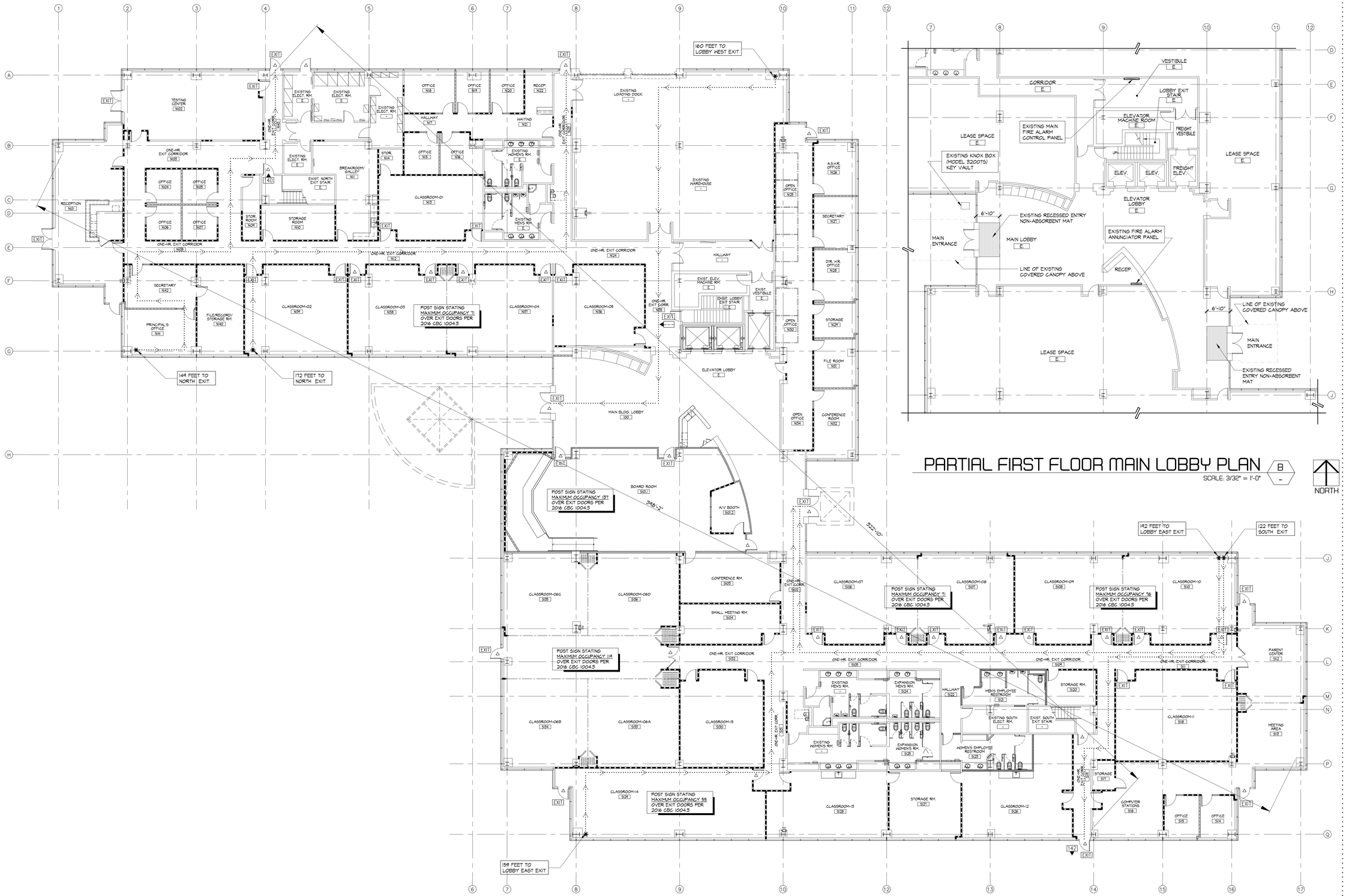
project no 18-66.60

date

scale

TA2.1

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA2.2-TA2.3-1st & 2nd Flr Egress Plans.dwg, 2/24/2020 12:12:51 PM, DWG To PDF.p



PARTIAL FIRST FLOOR MAIN LOBBY PLAN

SCALE: 3/32" = 1'-0"

B / -

NORTH

FIRST FLOOR EGRESS PLAN

SCALE: 3/32" = 1'-0"

A / -

NORTH

OCCUPANCY LOAD CALCULATION

1ST FLOOR

USE:

a.) OFFICE (B)	16681 S.F.	1 OCC. / 100 S.F.	=	167 OCCUPANTS
b.) CLASSROOMS	13,080 S.F.	1 OCC. / 20 S.F.	=	654 OCCUPANTS
c.) BOARD ROOM (A-3)	1,771 S.F.	1 OCC. / 15 S.F.	=	119 OCCUPANTS
d.) WAREHOUSE (S-1) & UTILITY ROOMS	4305 S.F.	1 OCC. / 500 S.F.	=	9 OCCUPANTS
TOTAL				1,065 OCCUPANTS

OCCUPANT LOAD FACTOR (PER TABLE 1004.1.2)

OFFICE (B)	100 SQ. FT. PER OCCUPANT
CLASSROOMS	20 SQ. FT. PER OCCUPANT
ASSEMBLY (A-3)	15 SQ. FT. PER OCCUPANT
WAREHOUSE (S-1)	500 SQ. FT. PER OCCUPANT

NUMBER OF EXITS

1,065 OCC. > 1,000 OCC., THEREFORE 4 EXITS REQUIRED
EXITS PROVIDED : 10 TOTAL

PER CBC 2016 TABLE 1006.3.1, FOR MORE THAN 1,000 OCCUPANTS, MINIMUM NUMBER OF EXITS PER STORY REQUIRED IS 4

EXIT SEPARATION

REQUIRED : 1/3 MAX. DIAGONAL W/ SPRINKLERS
398'-2" = MAX. DIAGONAL
132'-8" = 1/3 DIAGONAL W/SPRINKLERS
##'-#" = SEPARATION PROVIDED
FROM NORTH EXIT STAIR TO LOBBY EXIT STAIR

EXIT TRAVEL DISTANCE

MAX. EXIT TRAVEL DISTANCE - "B" OCC. OCCUPANCY WITH SPRINKLERS = 300'
MAX. TRAVEL DIST. PROVIDED = 291'

EXITING NOTES:

1. ALLOWABLE EXIT ACCESS TRAVEL DISTANCE FOR BUILDING WITH SPRINKLER SYSTEM (PER 2016 CBC, CHAPTER 10, TABLE 1017.2):
   "A", "S-1" OCCUPANCY - 250 FEET
   "B" OCCUPANCY - 300 FEET
2. THE EXIT PATH SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TI THE REQUIREMENTS OF SECTION 1011. EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF APPROACH. EXIT SIGNS SHALL BE LOCATES AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL. NO POINT SHALL BE MORE THAN 100 FEET FROM THE NEAREST VISIBLE SIGN. (1011)
3. EXIT STAIRS ARE TO BE PROVIDED WITH APPROVED STAIRWAY SIGN INDICATING THE FLOOR LEVEL, TERMINUS OF THE TOP AND BOTTOM OF THE STAIR AND THE IDENTIFICATION NUMBER OF THE STAIR. IT IS TO BE LOCATED APPROXIMATELY 5 FT. ABOVE THE FLOOR LANDING AND READILY VISIBLE WHEN THE STAIR DOORS ARE IN AN OPEN OR CLOSED POSITION. (1022.9)

EXIT → ILLUMINATED EXIT SIGN (DIRECTIONAL AS SHOWN) EXACT QUANTITIES AND LOCATIONS TO BE CONFIRMED WITH THE FIRE MARSHAL

ACCUMULATION OF OCCUPANT LOAD TO EACH EXIT

△ DENOTES DOOR EQUIPPED WITH PANIC DEVICE

pk:a
pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818 991 0057 f 818 991 0093
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.11.19
	PLAN CHECK SUBMIT	12.19.19
	BID ISSUE	02.24.20

sheet title

FIRST FLOOR EGRESS PLAN

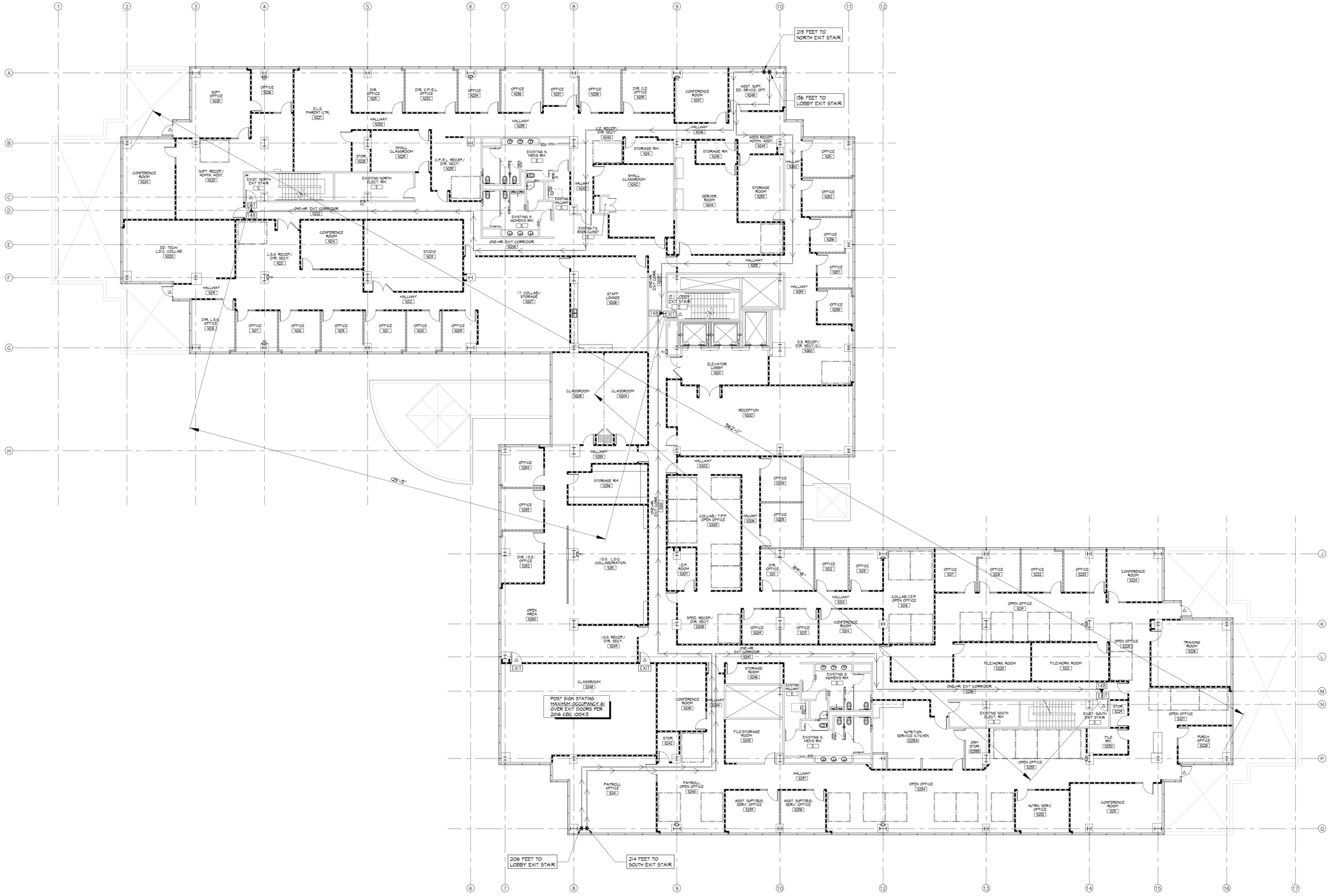
drawn by

project no 18-66.60

date

scale

TA2.2



SECOND FLOOR EGRESS PLAN

SCALE: 3/32" = 1'-0"

NORTH

OCCUPANCY LOAD CALCULATION

2ND FLOOR

USE:				
OFFICE (B)	30,875 S.F.	1 OCC. / 100 S.F.	=	309 OCCUPANTS
CLASSROOMS	2,564 S.F.	1 OCC. / 20 S.F.	=	128 OCCUPANTS
STORAGE	3,416 S.F.	1 OCC. / 500 S.F.	=	7 OCCUPANTS
TOTAL				444 OCCUPANTS

OCCUPANT LOAD FACTOR (PER TABLE 1004.1.2)

OFFICE (B)	100 SQ. FT. PER OCCUPANT
CLASSROOM	20 SQ. FT. PER OCCUPANT
STORAGE (S-1)	500 SQ. FT. PER OCCUPANT

NUMBER OF EXITS

444 OCC. > 49 OCC. < 501 OCC. = 2 EXITS REQUIRED
3 EXITS PROVIDED - COMPLIES

PER CBC 2016 TABLE 1006.3.1, FOR 1-500 OCCUPANTS, MINIMUM NUMBER OF EXITS PER STORY REQUIRED IS 2

EXIT SEPARATION

REQUIRED: 1/3 MAX. DIAGONAL W/ SPRINKLERS
362'-11" = MAX. DIAGONAL
120'-11.63" = 1/3 DIAGONAL W/ SPRINKLERS
125'-3" = SEPARATION PROVIDED - COMPLIES
FROM NORTH EXIT STAIR TO LOBBY EXIT STAIR

EXIT TRAVEL DISTANCE

MAX. EXIT TRAVEL DISTANCE - TYPE B
OCCUPANCY WITH SPRINKLERS = 300'
MAX. TRAVEL DIST. PROVIDED = 215'

REQUIRED LOBBY EXIT STAIRWAY WIDTH (1005.3.1)

148 OCC. @ 0.3 IN./OCC. = 44" REQ. WIDTH
EXIT WIDTH PROVIDED = 44" - COMPLIES

REQUIRED LOBBY EGRESS WIDTH (1005.3.2)

148 OCC. @ 0.2 IN./OCC. = 29.6" REQ. WIDTH
EXIT WIDTH PROVIDED = 36" - COMPLIES

REQUIRED NORTH EXIT STAIRWAY WIDTH (1005.3.1)

148 OCC. @ 0.3 IN./OCC. = 44" REQ. WIDTH
EXIT WIDTH PROVIDED = 44" - COMPLIES

REQUIRED NORTH EGRESS WIDTH (1005.3.2)

148 OCC. @ 0.2 IN./OCC. = 29.6" REQ. WIDTH
EXIT WIDTH PROVIDED = 36" - COMPLIES

REQUIRED SOUTH EXIT STAIRWAY WIDTH (1005.3.1)

148 OCC. @ 0.3 IN./OCC. = 44" REQ. WIDTH
EXIT WIDTH PROVIDED = 44" - COMPLIES

REQUIRED SOUTH EGRESS WIDTH (1005.3.2)

148 OCC. @ 0.2 IN./OCC. = 29.6" TOTAL REQ. WIDTH
EXIT WIDTH PROVIDED = 36" - COMPLIES

EXITING NOTES:

1. ALLOWABLE EXIT ACCESS TRAVEL DISTANCE FOR BUILDING WITH SPRINKLER SYSTEM (PER 2016 CBC, CHAPTER 10, TABLE 1017.2):
   "A", "S-1" OCCUPANCY - 250 FEET
   "B" OCCUPANCY - 300 FEET
2. THE EXIT PATH SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TI THE REQUIREMENTS OF SECTION 1011. EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF APPROACH. EXIT SIGNS SHALL BE LOCATES AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL. NO POINT SHALL BE MORE THAN 100 FEET FROM THE NEAREST VISIBLE SIGN. (1011)
3. EXIT STAIRS ARE TO BE PROVIDED WITH APPROVED STAIRWAY SIGN INDICATING THE FLOOR LEVEL, TERMINUS OF THE TOP AND BOTTOM OF THE STAIR AND THE IDENTIFICATION NUMBER OF THE STAIR. IT IS TO BE LOCATED APPROXIMATELY 5 FT. ABOVE THE FLOOR LANDING AND READILY VISIBLE WHEN THE STAIR DOORS ARE IN AN OPEN OR CLOSED POSITION. (1022.9)

EXIT — ILLUMINATED EXIT SIGN (DIRECTIONAL AS SHOWN)
EXACT QUANTITIES AND LOCATIONS TO BE CONFIRMED WITH THE FIRE MARSHAL

— ACCUMULATION OF OCCUPANT LOAD TO EACH EXIT

△ — DENOTES DOOR EQUIPPED WITH PANIC DEVICE

pk:architecture
5126 clareton drive : suite 110
agoura hills, california 91301
v 818.597.1005.7 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.11.19
	PLAN CHECK SUBMIT	12.19.19
	BID ISSUE	02.24.20

sheet title

SECOND FLOOR EGRESS PLAN

drawn by

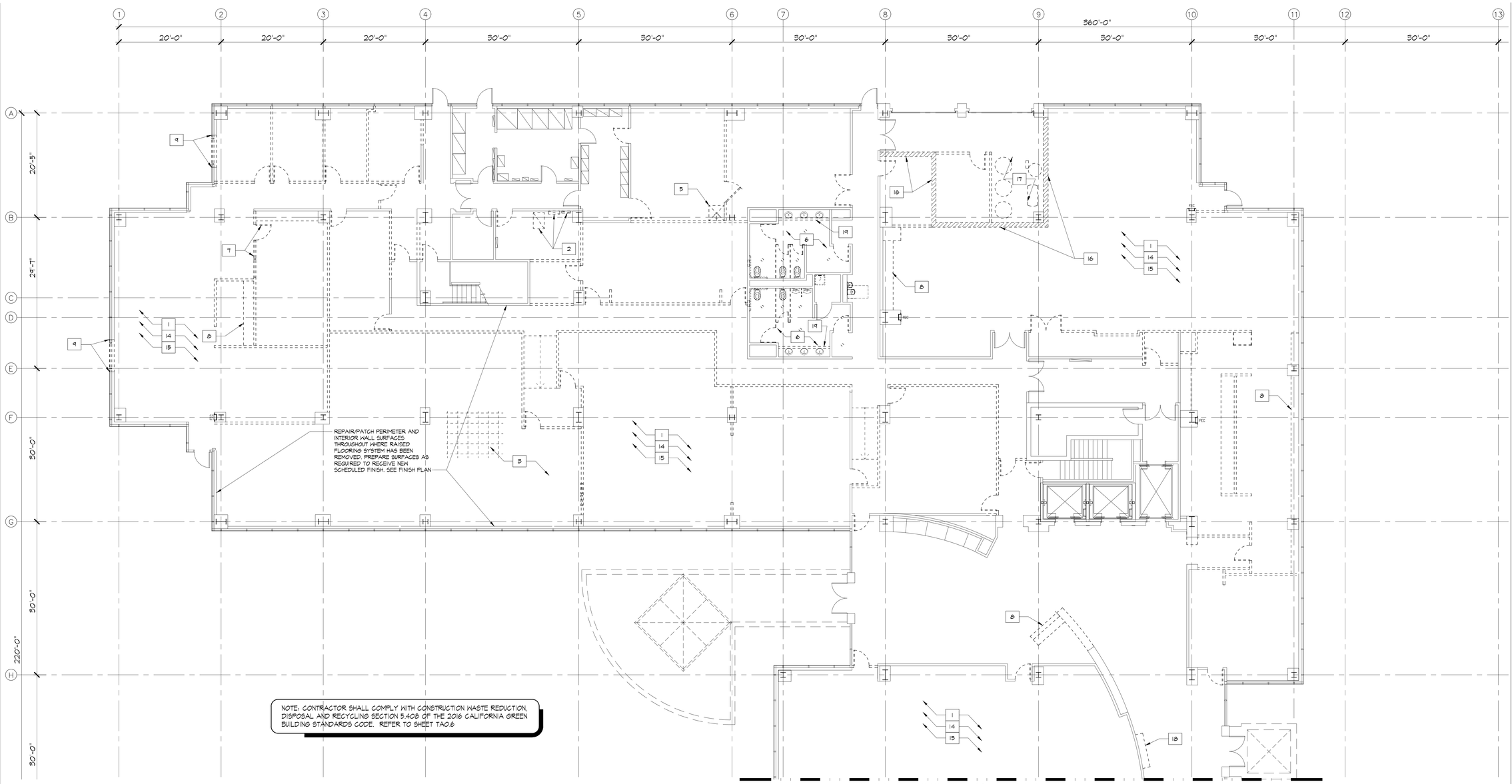
project no 18-66.60

date

scale

TA2.3

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA3.0.1-TA3.0.2-1st Flr Demolition Plan.dwg, 2/25/2020 11:28:22 AM, DWG To PDF.p



1st FLOOR DEMOLITION PLAN - NORTH WING

SCALE: 1/8" = 1'-0"

A
-

DEMOLITION GENERAL NOTES

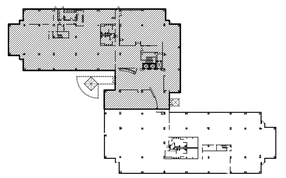
1. REMOVE ALL DEBRIS AS A RESULT OF THIS PROJECT.
2. PROTECT EXISTING BUILDING DURING DEMOLITION.
3. CONTRACTOR TO BE RESPONSIBLE FOR SECURITY OF BUILDING DURING DEMOLITION AND RENNOVATION.
4. PROTECT EXISTING FACILITIES, EQUIPMENT, FIXTURES, ETC. THAT ARE TO REMAIN FROM DAMAGE DURING DEMOLITION AND RENNOVATION.
5. REVIEW AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY CONDITIONS NOT DOCUMENTED ON THESE DRAWINGS OR OBSERVED TO BE DIFFERENT THAN THOSE SHOWN ON THE DRAWINGS ARE TO BE REPORTED TO THE ARCHITECT PRIOR TO COMMENCING WORK.
6. ALL DAMAGED SURFACES AND/OR FINISHES AS A RESULT OF THE WORK SHALL BE REPAIRED AND FINISHED TO THEIR ORIGINAL CONDITION.
7. DEMOLITION OF EXISTING WALLS AND/OR STRUCTURES, DOOR, WINDOW, MILLWORK OR EQUIPMENT AS INDICATED BY DASHED LINES MAY REQUIRE THE REMOVAL OF ELECTRICAL, H.V.A.C., PLUMBING, EQUIPMENT, ETC. DEMOLITION IS MEANT TO INCLUDE REMOVAL OF ALL SUCH MATERIALS EITHER KNOWN OR UNKNOWN.
8. CONTACT LOCAL UTILITIES AS REQUIRED DURING DEMOLITION.
9. KEEP ALL SALVAGEABLE ITEMS AND COORDINATE WITH TENANT AND LANDLORD BEFORE DISPOSING.
10. REMOVE EXISTING FLOOR AND WALL FINISHES AND PREPARE SURFACES TO RECEIVE NEW SCHEDULED FINISH, SEE FINISH PLAN THROUGHOUT, UNLESS NOTED OTHERWISE.
11. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FLOOR DEMO. IN AREA OF DEMOLITION/CONSTRUCTION.
12. REMOVE EXISTING ACOUSTICAL TILE/GYPSUM BOARD CEILING SYSTEM AND LIGHT FIXTURES THROUGHOUT UNLESS OTHERWISE NOTED, COORDINATE WITH LANDLORD AND TENANT BEFORE DISPOSING.
13. REMOVE ALL EXISTING POWER/DATA THROUGHOUT AREA OF WORK, PATCH AND REPAIR AS REQUIRED.
14. REMOVE EXISTING PLUMBING FIXTURE(S) AND CAP/REMOVE PLUMBING LINES AS REQUIRED THROUGHOUT UNLESS OTHERWISE NOTED.
15. REMOVE MILLWORK THROUGHOUT UNLESS OTHERWISE NOTED.
16. REMOVE ALL DEBRIS AS A RESULT OF THIS PROJECT.
17. EXISTING FIRE SPRINKLERS, DRAFTSTOP(S), ROOF ACCESS LADDER, AND MAJOR HVAC SYSTEM COMPONENTS TO REMAIN, UNLESS NOTED OTHERWISE.
18. ANY STRUCTURAL COLUMNS THAT BECOME EXPOSED DURING DEMO. MUST BE MAINTAINED AS IS.
19. EXISTING FIRE SPRINKLER SYSTEM TO REMAIN OPERABLE AT ALL TIME
20. ALL WORK TO COMPLY WITH IB # PIBC 2014-097
21. EXISTING ELECTRICAL ROOM, SUBPANEL(S) / SWITCHBOARDS TO REMAIN, UNLESS NOTED OTHERWISE.
22. EXISTING ACCESSIBLE RESTROOMS TO REMAIN AS IS, UNLESS NOTED OTHERWISE.
23. PROJECT IS FOR INTERIOR DEMOLITION OF NON BEARING WALLS, CEILINGS, AND FINISHES ONLY.
24. INCLUDES SOME MINOR EXTERIOR SITE, BUILDING SHELL ENVELOPE, EXTERIOR EQUIPMENT OR EXTERIOR FINISHES.
25. DOES NOT INCLUDE REPAIR EXTERIOR REFINISHING OR ANY NEW CONSTRUCTION.
26. CONTRACTOR WILL RECOGNIZE THAT A PORTION OF THE EXISTING BUILDING IS OCCUPIED BY OTHER TENANTS. CONTRACTOR WILL COORDINATE THE DEMOLITION / SHUTOFF OF EXISTING UTILITIES WITH THE EXISTING TENANTS SO AS TO MINIMIZE DISRUPTION TO THEIR DAILY OPERATIONS.

DEMOLITION KEYNOTES NOTES

1. EXISTING FLOOR SLAB OF WHOLE AREA OF NEW SCOPE OF WORK SHALL BE CLEANED FROM ANY DEBRIS, OLD FLOORING MATERIALS, PROTRUDING AND ABANDONED EQUIPMENT ANCHORING, DAMAGED CONCRETE DEBRIS, PREPARE FLOOR TO RECEIVE LEVELING COMPOUND TO FILL VOIDS, SPALLED CONCRETE, AND UNEVENNESS OF FLOOR
2. REMOVE EXISTING ELECTRICAL PANELS.
3. REMOVE EXISTING RAISED FLOOR SYSTEM THROUGHOUT EXCEPT WHERE NOTED OTHERWISE.
4. REMOVE EXISTING RAMP AND HANDRAILS.
5. REMOVE EXISTING EXISTING EMERGENCY EYEWASH/SAFETY SHOWER STATION AND FLOOR DRAIN.
6. REMOVE ALL EXISTING PLUMBING FIXTURES, TOILET COMPARTMENTS AND ACCESSORIES, WALL AND FLOOR TILE FINISHES THROUGHOUT AND REPLACE WITH NEW. REMOVE EXISTING COUNTERTOP FINISH, SALVAGE STRUCTURAL FRAMEWORK OF COUNTER IF POSSIBLE AND PREP FOR NEW COUNTER FINISH PER FINISH SCHEDULE. REMOVE ALL EXISTING LIGHT FIXTURES AND REPLACE WITH NEW.
7. REMOVE EXISTING "HERCULITE" DOOR/SIDELIGHT OR GLASS PARTITION.
8. REMOVE EXISTING CABINETRY/MILLWORK.
9. DEMO. PORTION OF EXISTING INTERIOR WALL OR EXTERIOR STOREFRONT WINDOW SYSTEM FOR NEW DOOR OPENING PER PARTITION PLAN.
10. EXISTING FIRE EXTINGUISHER CABINET TO BE SALVAGED AND RELOCATED AS REQUIRED.
11. REMOVE AND SALVAGE EXISTING FIRE EXTINGUISHER CABINET. REPAIR WALL AS REQUIRED.
12. DEMO. EXISTING SHOWER STALLS
13. REMOVE EXISTING LOCKERS
14. REMOVE EXISTING SUSPENDED T-BAR CEILING SYSTEM, HARDLID CEILING AND SOFFIT THROUGHOUT, UNLESS NOTED OTHERWISE.
15. REMOVE EXISTING FLOOR FINISH THROUGHOUT, UNLESS NOTED OTHERWISE. PREPARE SURFACE FOR NEW FLOOR FINISH.
16. DEMO. EXISTING CONCRETE BLOCK WALL IF POSSIBLE; CONTRACTOR TO VERIFY.
17. REMOVE ALL EXISTING EQUIPMENT, PIPING, ELEC. PANELS/CONDUIT, ETC...IN LOADING DOCK AREA.
18. EXISTING DISPLAY CABINET TO BE REMOVED. CONTRACTOR TO VERIFY WOOD PANELING EXIST BEHIND CABINET. IF NOT, PROVIDE AND INSTALL TO MATCH WITH EXISTING.
19. DEMO. EXISTING LIGHT TROUGH AND ALL RELATED ITEMS ABOVE RESTROOM COUNTER.

DEMOLITION LEGEND

- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING SHELL, INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING BUILDING SHAFTS TO REMAIN.
- WALLS, DOORS, PANELS TO BE DEMOLISHED IN ITS ENTIRETY. REMOVE ALL POWER/DATA OUTLETS AND SAFELY TERMINATE TO PANEL OR J-BOX. ANY PLUMBING LINES IF ANY, CAP TO NEAREST POSSIBLE LOCATION.



KEY PLAN

pk:a
pk:architecture
5126 clareton drive : suite 110
agoura hills, california 91301
v 818.597.1005.7 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.11.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

1st FLOOR DEMOLITION PLAN - NORTH WING

drawn by

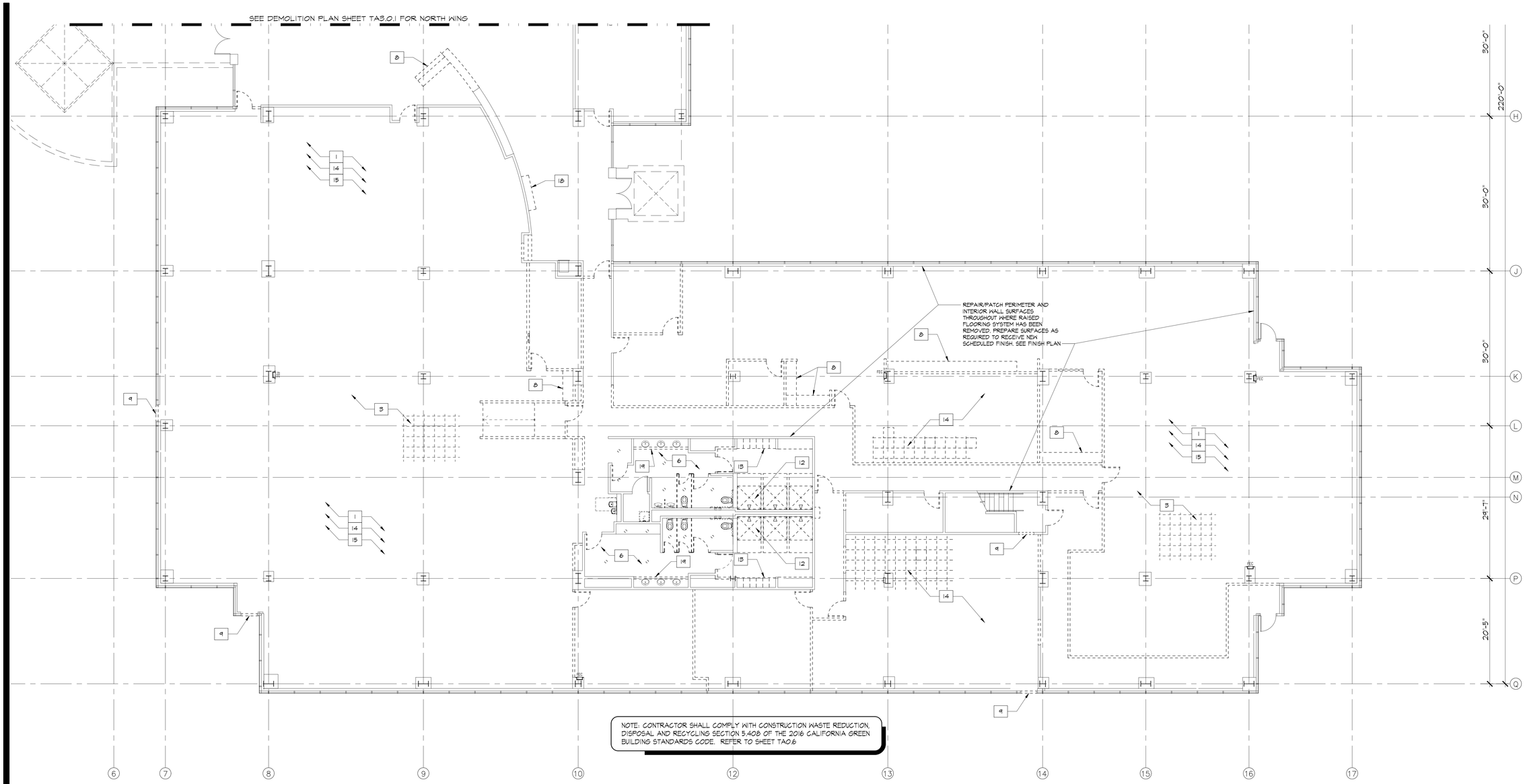
project no 18-66.60

date

scale

TA3.0.1

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA3.0.1-TA3.0.2-1st Flr Demolition Plan.dwg, 2/25/2020 11:29:05 AM, DWG To PDF.p



1st FLOOR DEMOLITION PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"

DEMOLITION GENERAL NOTES

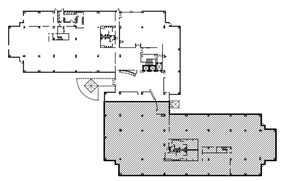
1. REMOVE ALL DEBRIS AS A RESULT OF THIS PROJECT.
2. PROTECT EXISTING BUILDING DURING DEMOLITION.
3. CONTRACTOR TO BE RESPONSIBLE FOR SECURITY OF BUILDING DURING DEMOLITION AND RENNOVATION.
4. PROTECT EXISTING FACILITIES, EQUIPMENT, FIXTURES, ETC. THAT ARE TO REMAIN FROM DAMAGE DURING DEMOLITION AND RENNOVATION.
5. REVIEW AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY CONDITIONS NOT DOCUMENTED ON THESE DRAWINGS OR OBSERVED TO BE DIFFERENT THAN THOSE SHOWN ON THE DRAWINGS ARE TO BE REPORTED TO THE ARCHITECT PRIOR TO COMMENCING WORK.
6. ALL DAMAGED SURFACES AND/OR FINISHES AS A RESULT OF THE WORK SHALL BE REPAIRED AND FINISHED TO THEIR ORIGINAL CONDITION.
7. DEMOLITION OF EXISTING WALLS AND/OR STRUCTURES, DOOR, WINDOW, MILLWORK OR EQUIPMENT AS INDICATED BY DASHED LINES MAY REQUIRE THE REMOVAL OF ELECTRICAL, H.V.A.C., PLUMBING, EQUIPMENT, ETC. DEMOLITION IS MEANT TO INCLUDE REMOVAL OF ALL SUCH MATERIALS EITHER KNOWN OR UNKNOWN.
8. CONTACT LOCAL UTILITIES AS REQUIRED DURING DEMOLITION.
9. KEEP ALL SALVAGEABLE ITEMS AND COORDINATE WITH TENANT AND LANDLORD BEFORE DISPOSING.
10. REMOVE EXISTING FLOOR AND WALL FINISHES AND PREPARE SURFACES TO RECEIVE NEW SCHEDULED FINISH, SEE FINISH PLAN THROUGHOUT, UNLESS NOTED OTHERWISE.
11. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FLOOR DEMO. IN AREA OF DEMOLITION/CONSTRUCTION.
12. REMOVE EXISTING ACOUSTICAL TILE/GYPSUM BOARD CEILING SYSTEM AND LIGHT FIXTURES THROUGHOUT UNLESS OTHERWISE NOTED, COORDINATE WITH LANDLORD AND TENANT BEFORE DISPOSING.
13. REMOVE ALL EXISTING POWER/DATA THROUGHOUT AREA OF WORK, PATCH AND REPAIR AS REQUIRED.
14. REMOVE EXISTING PLUMBING FIXTURE(S) AND CAP/REMOVE PLUMBING LINES AS REQUIRED THROUGHOUT UNLESS OTHERWISE NOTED.
15. REMOVE MILLWORK THROUGHOUT UNLESS OTHERWISE NOTED.
16. REMOVE ALL DEBRIS AS A RESULT OF THIS PROJECT.
17. EXISTING FIRE SPRINKLERS, DRAFTSTOP(S), ROOF ACCESS LADDER, AND MAJOR HVAC SYSTEM COMPONENTS TO REMAIN, UNLESS NOTED OTHERWISE.
18. ANY STRUCTURAL COLUMNS THAT BECOME EXPOSED DURING DEMO. MUST BE MAINTAINED AS IS.
19. EXISTING FIRE SPRINKLER SYSTEM TO REMAIN OPERABLE AT ALL TIME
20. ALL WORK TO COMPLY WITH IB # PIBC 2014-087
21. EXISTING ELECTRICAL ROOM, SUBPANEL(S) / SWITCHBOARDS TO REMAIN, UNLESS NOTED OTHERWISE.
22. EXISTING ACCESSIBLE RESTROOMS TO REMAIN AS IS, UNLESS NOTED OTHERWISE.
23. PROJECT IS FOR INTERIOR DEMOLITION OF NON BEARING WALLS, CEILINGS, AND FINISHES ONLY.
24. INCLUDES SOME MINOR EXTERIOR SITE, BUILDING SHELL ENVELOPE, EXTERIOR EQUIPMENT OR EXTERIOR FINISHES.
25. DOES NOT INCLUDE REPAIR EXTERIOR REFINISHING OR ANY NEW CONSTRUCTION.
26. CONTRACTOR WILL RECOGNIZE THAT A PORTION OF THE EXISTING BUILDING IS OCCUPIED BY OTHER TENANTS. CONTRACTOR WILL COORDINATE THE DEMOLITION / SHUTOFF OF EXISTING UTILITIES WITH THE EXISTING TENANTS SO AS TO MINIMIZE DISRUPTION TO THEIR DAILY OPERATIONS.

DEMOLITION KEYNOTES NOTES

1. EXISTING FLOOR SLAB OF WHOLE AREA OF NEW SCOPE OF WORK SHALL BE CLEANED FROM ANY DEBRIS, OLD FLOORING MATERIALS, PROTRUDING AND ABANDONED EQUIPMENT ANCHORING, DAMAGED CONCRETE DEBRIS, PREPARE FLOOR TO RECEIVE LEVELING COMPOUND TO FILL VOIDS, SPALLED CONCRETE, AND UNEVENNESS OF FLOOR
2. REMOVE EXISTING ELECTRICAL PANELS.
3. REMOVE EXISTING RAISED FLOOR SYSTEM THROUGHOUT EXCEPT WHERE NOTED OTHERWISE.
4. REMOVE EXISTING RAMP AND HANDRAILS.
5. REMOVE EXISTING EXISTING EMERGENCY EYEWASH/SAFETY SHOWER STATION AND FLOOR DRAIN.
6. REMOVE ALL EXISTING PLUMBING FIXTURES, TOILET COMPARTMENTS AND ACCESSORIES, WALL AND FLOOR TILE FINISHES THROUGHOUT AND REPLACE WITH NEW. REMOVE EXISTING COUNTERTOP FINISH, SALVAGE STRUCTURAL FRAMEWORK OF COUNTER IF POSSIBLE AND PREP FOR NEW COUNTER FINISH PER FINISH SCHEDULE. REMOVE ALL EXISTING LIGHT FIXTURES AND REPLACE WITH NEW.
7. REMOVE EXISTING "HERCULITE" DOOR/SIDELIGHT OR GLASS PARTITION.
8. REMOVE EXISTING CABINETRY/MILLWORK.
9. DEMO. PORTION OF EXISTING INTERIOR WALL OR EXTERIOR STOREFRONT WINDOW SYSTEM FOR NEW DOOR OPENING PER PARTITION PLAN.
10. EXISTING FIRE EXTINGUISHER CABINET TO BE SALVAGED AND RELOCATED AS REQUIRED.
11. REMOVE AND SALVAGE EXISTING FIRE EXTINGUISHER CABINET. REPAIR WALL AS REQUIRED.
12. DEMO. EXISTING SHOWER STALLS
13. REMOVE EXISTING LOCKERS
14. REMOVE EXISTING SUSPENDED T-BAR CEILING SYSTEM, HARDLID CEILING AND SOFFIT THROUGHOUT, UNLESS NOTED OTHERWISE.
15. REMOVE EXISTING FLOOR FINISH THROUGHOUT, UNLESS NOTED OTHERWISE. PREPARE SURFACE FOR NEW FLOOR FINISH.
16. DEMO. EXISTING CONCRETE BLOCK WALL IF POSSIBLE; CONTRACTOR TO VERIFY.
17. REMOVE ALL EXISTING EQUIPMENT, PIPING, ELEC. PANELS/CONDUIT, ETC...IN LOADING DOCK AREA.
18. EXISTING DISPLAY CABINET TO BE REMOVED. CONTRACTOR TO VERIFY WOOD PANELING EXIST BEHIND CABINET. IF NOT, PROVIDE AND INSTALL TO MATCH WITH EXISTING.
19. DEMO. EXISTING LIGHT TROUGH AND ALL RELATED ITEMS ABOVE RESTROOM COUNTER.

DEMOLITION LEGEND

- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING SHELL, INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING BUILDING SHAFTS TO REMAIN.
- WALLS, DOORS, PANELS TO BE DEMOLISHED IN ITS ENTIRETY. REMOVE ALL POWER/DATA OUTLETS AND SAFELY TERMINATE TO PANEL OR J-BOX. ANY PLUMBING LINES IF ANY, CAP TO NEAREST POSSIBLE LOCATION.



KEY PLAN

pk:a
pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818 597 1005 7 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

1st FLOOR DEMOLITION PLAN - SOUTH WING

drawn by

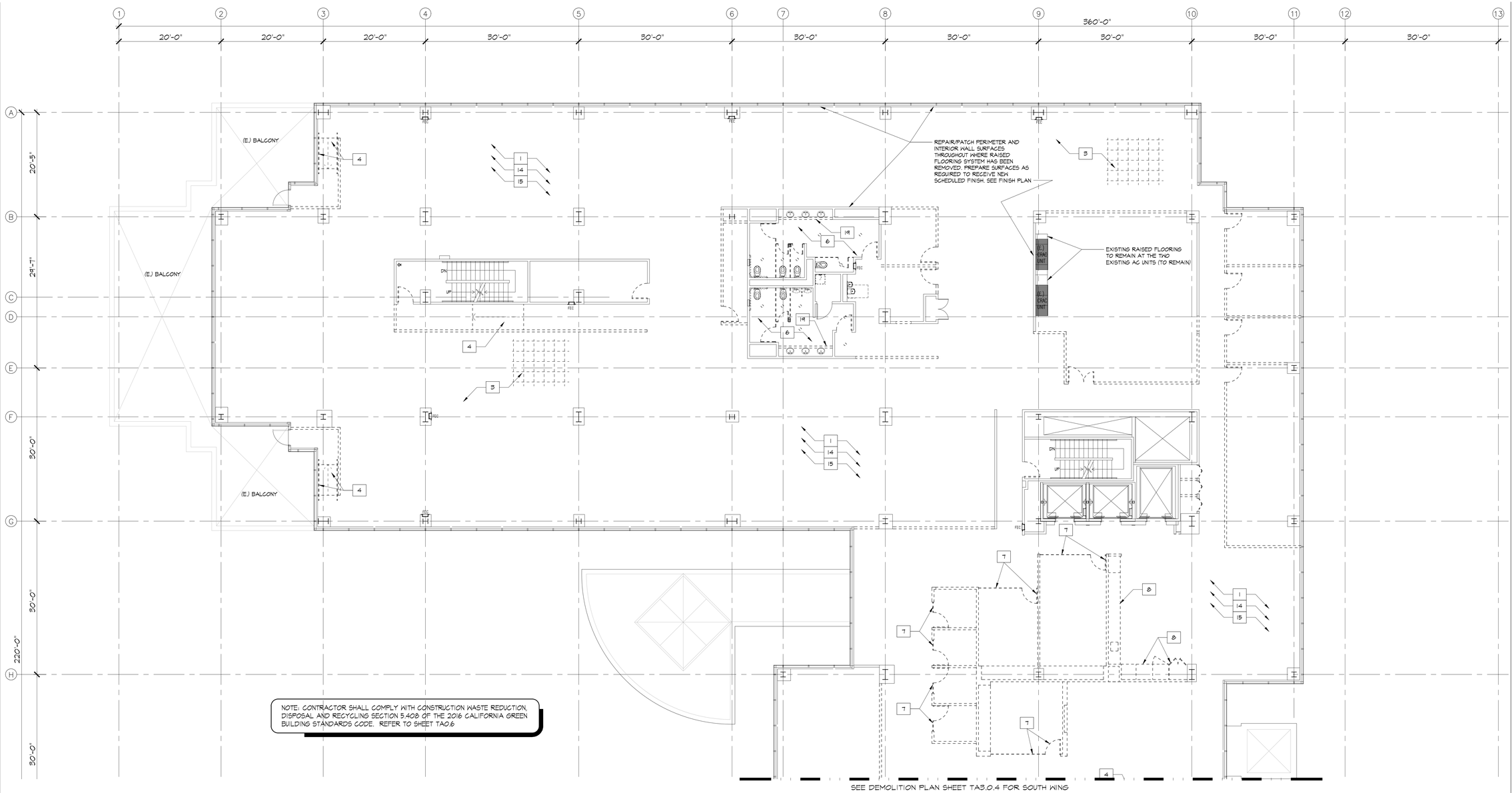
project no 18-66.60

date

scale

TA3.0.2

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA3.0.3-TA3.0.4-2nd Flr Demolition Plan.dwg, 2/24/2020 11:58:35 AM, DWG To PDF.p



2nd FLOOR DEMOLITION PLAN - NORTH WING

SCALE: 1/8" = 1'-0"

DEMOLITION GENERAL NOTES

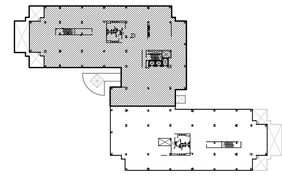
1. REMOVE ALL DEBRIS AS A RESULT OF THIS PROJECT.
2. PROTECT EXISTING BUILDING DURING DEMOLITION.
3. CONTRACTOR TO BE RESPONSIBLE FOR SECURITY OF BUILDING DURING DEMOLITION AND RENNOVATION.
4. PROTECT EXISTING FACILITIES, EQUIPMENT, FIXTURES, ETC. THAT ARE TO REMAIN FROM DAMAGE DURING DEMOLITION AND RENNOVATION.
5. REVIEW AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY CONDITIONS NOT DOCUMENTED ON THESE DRAWINGS OR OBSERVED TO BE DIFFERENT THAN THOSE SHOWN ON THE DRAWINGS ARE TO BE REPORTED TO THE ARCHITECT PRIOR TO COMMENCING WORK.
6. ALL DAMAGED SURFACES AND/OR FINISHES AS A RESULT OF THE WORK SHALL BE REPAIRED AND FINISHED TO THEIR ORIGINAL CONDITION.
7. DEMOLITION OF EXISTING WALLS AND/OR STRUCTURES, DOOR, WINDOW, MILLWORK OR EQUIPMENT AS INDICATED BY DASHED LINES MAY REQUIRE THE REMOVAL OF ELECTRICAL, H.V.A.C., PLUMBING, EQUIPMENT, ETC. DEMOLITION IS MEANT TO INCLUDE REMOVAL OF ALL SUCH MATERIALS EITHER KNOWN OR UNKNOWN.
8. CONTACT LOCAL UTILITIES AS REQUIRED DURING DEMOLITION.
9. KEEP ALL SALVAGEABLE ITEMS AND COORDINATE WITH TENANT AND LANDLORD BEFORE DISPOSING.
10. REMOVE EXISTING FLOOR AND WALL FINISHES AND PREPARE SURFACES TO RECEIVE NEW SCHEDULED FINISH, SEE FINISH PLAN THROUGHOUT, UNLESS NOTED OTHERWISE.
11. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FLOOR DEMO. IN AREA OF DEMOLITION/CONSTRUCTION.
12. REMOVE EXISTING ACOUSTICAL TILE/GYPSUM BOARD CEILING SYSTEM AND LIGHT FIXTURES THROUGHOUT UNLESS OTHERWISE NOTED. COORDINATE WITH LANDLORD AND TENANT BEFORE DISPOSING.
13. REMOVE ALL EXISTING POWER/DATA THROUGHOUT AREA OF WORK, PATCH AND REPAIR AS REQUIRED.
14. REMOVE EXISTING PLUMBING FIXTURE(S) AND CAP/REMOVE PLUMBING LINES AS REQUIRED THROUGHOUT UNLESS OTHERWISE NOTED.
15. REMOVE MILLWORK THROUGHOUT UNLESS OTHERWISE NOTED.
16. REMOVE ALL DEBRIS AS A RESULT OF THIS PROJECT.
17. EXISTING FIRE SPRINKLERS, DRAFTSTOP(S), ROOF ACCESS LADDER, AND MAJOR HVAC SYSTEM COMPONENTS TO REMAIN, UNLESS NOTED OTHERWISE.
18. ANY STRUCTURAL COLUMNS THAT BECOME EXPOSED DURING DEMO. MUST BE MAINTAINED AS IS.
19. EXISTING FIRE SPRINKLER SYSTEM TO REMAIN OPERABLE AT ALL TIME
20. ALL WORK TO COMPLY WITH IB # PIBC 2014-087
21. EXISTING ELECTRICAL ROOM, SUBPANEL(S) / SWITCHBOARDS TO REMAIN, UNLESS NOTED OTHERWISE.
22. EXISTING ACCESSIBLE RESTROOMS TO REMAIN AS IS, UNLESS NOTED OTHERWISE.
23. PROJECT IS FOR INTERIOR DEMOLITION OF NON BEARING WALLS, CEILINGS, AND FINISHES ONLY.
24. INCLUDES SOME MINOR EXTERIOR SITE, BUILDING SHELL ENVELOPE, EXTERIOR EQUIPMENT OR EXTERIOR FINISHES.
25. DOES NOT INCLUDE REPAIR EXTERIOR REFINISHING OR ANY NEW CONSTRUCTION.
26. CONTRACTOR WILL RECOGNIZE THAT A PORTION OF THE EXISTING BUILDING IS OCCUPIED BY OTHER TENANTS. CONTRACTOR WILL COORDINATE THE DEMOLITION / SHUTOFF OF EXISTING UTILITIES WITH THE EXISTING TENANTS SO AS TO MINIMIZE DISRUPTION TO THEIR DAILY OPERATIONS.

DEMOLITION KEYNOTES NOTES

1. EXISTING FLOOR SLAB OF WHOLE AREA OF NEW SCOPE OF WORK SHALL BE CLEANED FROM ANY DEBRIS, OLD FLOORING MATERIALS, PROTRUDING AND ABANDONED EQUIPMENT ANCHORING, DAMAGED CONCRETE DEBRIS. PREPARE FLOOR TO RECEIVE LEVELING COMPOUND TO FILL VOIDS, SPALLED CONCRETE, AND UNEVENNESS OF FLOOR
2. REMOVE EXISTING ELECTRICAL PANELS.
3. REMOVE EXISTING RAISED FLOOR SYSTEM THROUGHOUT EXCEPT WHERE NOTED OTHERWISE.
4. REMOVE EXISTING RAMP AND HANDRAILS.
5. REMOVE EXISTING EXISTING EMERGENCY EYEWASH/SAFETY SHOWER STATION AND FLOOR DRAIN.
6. REMOVE ALL EXISTING PLUMBING FIXTURES, TOILET COMPARTMENTS AND ACCESSORIES, WALL AND FLOOR TILE FINISHES THROUGHOUT AND REPLACE WITH NEW. REMOVE EXISTING COUNTERTOP FINISH, SALVAGE STRUCTURAL FRAMEWORK OF COUNTER IF POSSIBLE AND PREP FOR NEW COUNTER FINISH PER FINISH SCHEDULE. REMOVE ALL EXISTING LIGHT FIXTURES AND REPLACE WITH NEW.
7. REMOVE EXISTING "HERCULITE" DOOR/SIDELIGHT OR GLASS PARTITION.
8. REMOVE EXISTING CABINETRY/MILLWORK.
9. DEMO. PORTION OF EXISTING INTERIOR WALL OR EXTERIOR STOREFRONT WINDOW SYSTEM FOR NEW DOOR OPENING PER PARTITION PLAN.
10. EXISTING FIRE EXTINGUISHER CABINET TO BE SALVAGED AND RELOCATED AS REQUIRED.
11. REMOVE AND SALVAGE EXISTING FIRE EXTINGUISHER CABINET. REPAIR WALL AS REQUIRED.
12. DEMO. EXISTING SHOWER STALLS
13. REMOVE EXISTING LOCKERS
14. REMOVE EXISTING SUSPENDED T-BAR CEILING SYSTEM, HARDLID CEILING AND SOFFIT THROUGHOUT, UNLESS NOTED OTHERWISE.
15. REMOVE EXISTING FLOOR FINISH THROUGHOUT, UNLESS NOTED OTHERWISE. PREPARE SURFACE FOR NEW FLOOR FINISH.
16. DEMO. EXISTING CONCRETE BLOCK WALL IF POSSIBLE; CONTRACTOR TO VERIFY.
17. REMOVE ALL EXISTING EQUIPMENT, PIPING, ELEC. PANELS/CONDUIT, ETC...IN LOADING DOCK AREA.
18. EXISTING DISPLAY CABINET TO BE REMOVED. CONTRACTOR TO VERIFY WOOD PANELING EXIST BEHIND CABINET. IF NOT, PROVIDE AND INSTALL TO MATCH WITH EXISTING.
19. DEMO. EXISTING LIGHT TROUGH AND ALL RELATED ITEMS ABOVE RESTROOM COUNTER.

DEMOLITION LEGEND

- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING SHELL, INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING BUILDING SHAFTS TO REMAIN.
- WALLS, DOORS, PANELS TO BE DEMOLISHED IN ITS ENTIRETY. REMOVE ALL POWER/DATA OUTLETS AND SAFELY TERMINATE TO PANEL OR J-BOX. ANY PLUMBING LINES IF ANY, CAP TO NEAREST POSSIBLE LOCATION.



KEY PLAN

pk:a
pk:architecture
5186 clareton drive : suite 110
agoura hills, california 91301
v 818.597.1005.7 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

2nd FLOOR DEMOLITION PLAN - NORTH WING

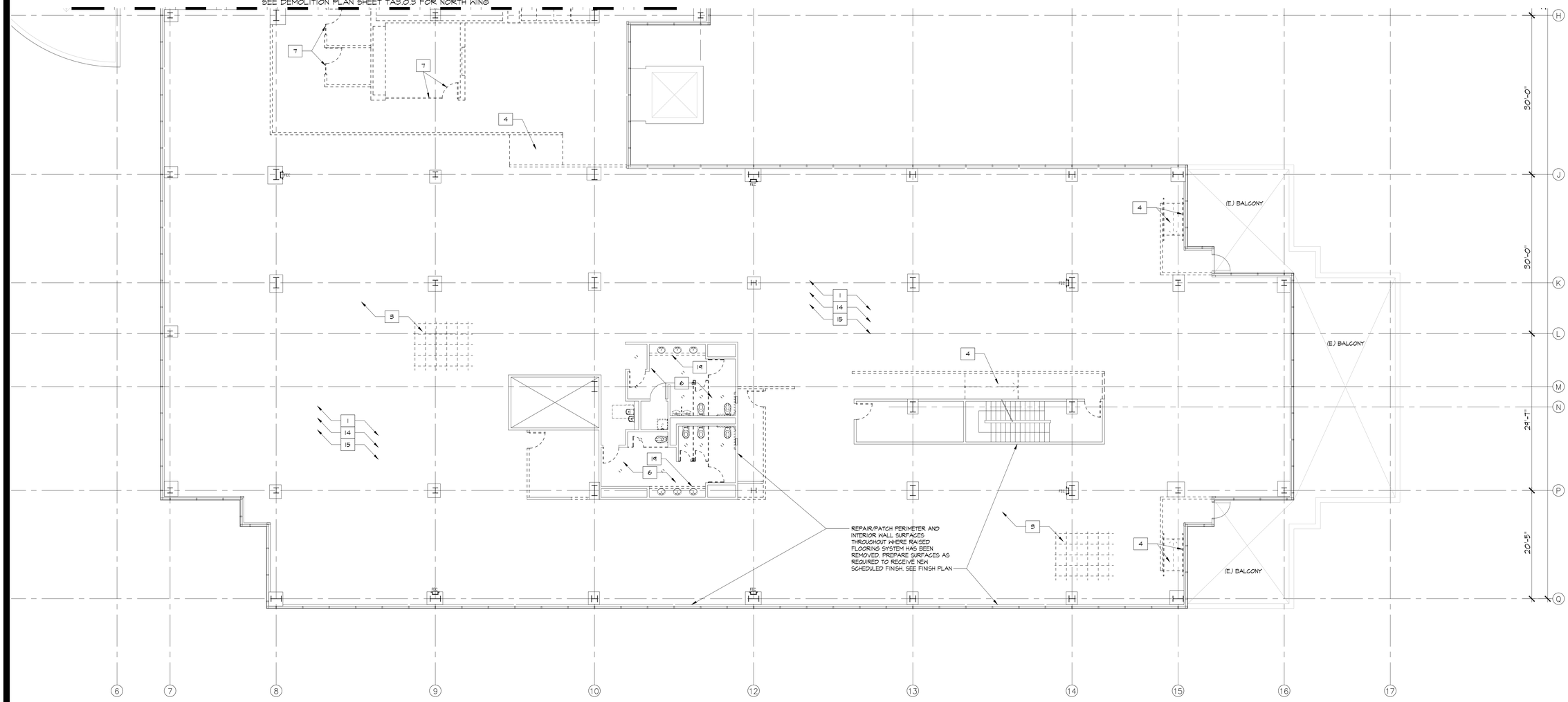
drawn by

project no 18-66.60

date

scale

TA3.0.3



NOTE: CONTRACTOR SHALL COMPLY WITH CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING SECTION 5.408 OF THE 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE. REFER TO SHEET TA0.6

2nd FLOOR DEMOLITION PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"

A

DEMOLITION GENERAL NOTES

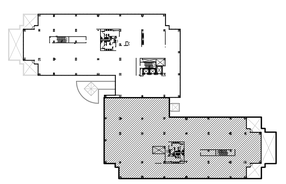
1. REMOVE ALL DEBRIS AS A RESULT OF THIS PROJECT.
2. PROTECT EXISTING BUILDING DURING DEMOLITION.
3. CONTRACTOR TO BE RESPONSIBLE FOR SECURITY OF BUILDING DURING DEMOLITION AND RENNOVATION.
4. PROTECT EXISTING FACILITIES, EQUIPMENT, FIXTURES, ETC. THAT ARE TO REMAIN FROM DAMAGE DURING DEMOLITION AND RENNOVATION.
5. REVIEW AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY CONDITIONS NOT DOCUMENTED ON THESE DRAWINGS OR OBSERVED TO BE DIFFERENT THAN THOSE SHOWN ON THE DRAWINGS ARE TO BE REPORTED TO THE ARCHITECT PRIOR TO COMMENCING WORK.
6. ALL DAMAGED SURFACES AND/OR FINISHES AS A RESULT OF THE WORK SHALL BE REPAIRED AND FINISHED TO THEIR ORIGINAL CONDITION.
7. DEMOLITION OF EXISTING WALLS AND/OR STRUCTURES, DOOR, WINDOW, MILLWORK OR EQUIPMENT AS INDICATED BY DASHED LINES MAY REQUIRE THE REMOVAL OF ELECTRICAL, H.V.A.C., PLUMBING, EQUIPMENT, ETC. DEMOLITION IS MEANT TO INCLUDE REMOVAL OF ALL SUCH MATERIALS EITHER KNOWN OR UNKNOWN.
8. CONTACT LOCAL UTILITIES AS REQUIRED DURING DEMOLITION.
9. KEEP ALL SALVAGEABLE ITEMS AND COORDINATE WITH TENANT AND LANDLORD BEFORE DISPOSING.
10. REMOVE EXISTING FLOOR AND WALL FINISHES AND PREPARE SURFACES TO RECEIVE NEW SCHEDULED FINISH, SEE FINISH PLAN THROUGHOUT, UNLESS NOTED OTHERWISE.
11. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FLOOR DEMO. IN AREA OF DEMOLITION/CONSTRUCTION.
12. REMOVE EXISTING ACOUSTICAL TILE/GYPSUM BOARD CEILING SYSTEM AND LIGHT FIXTURES THROUGHOUT UNLESS OTHERWISE NOTED. COORDINATE WITH LANDLORD AND TENANT BEFORE DISPOSING.
13. REMOVE ALL EXISTING POWER/DATA THROUGHOUT AREA OF WORK, PATCH AND REPAIR AS REQUIRED.
14. REMOVE EXISTING PLUMBING FIXTURE(S) AND CAP/REMOVE PLUMBING LINES AS REQUIRED THROUGHOUT UNLESS OTHERWISE NOTED.
15. REMOVE MILLWORK THROUGHOUT UNLESS OTHERWISE NOTED.
16. REMOVE ALL DEBRIS AS A RESULT OF THIS PROJECT.
17. EXISTING FIRE SPRINKLERS, DRAFTSTOP(S), ROOF ACCESS LADDER, AND MAJOR HVAC SYSTEM COMPONENTS TO REMAIN, UNLESS NOTED OTHERWISE.
18. ANY STRUCTURAL COLUMNS THAT BECOME EXPOSED DURING DEMO, MUST BE MAINTAINED AS IS.
19. EXISTING FIRE SPRINKLER SYSTEM TO REMAIN OPERABLE AT ALL TIME
20. ALL WORK TO COMPLY WITH IB # PIBC 2014-087
21. EXISTING ELECTRICAL ROOM, SUBPANEL(S) / SWITCHBOARDS TO REMAIN, UNLESS NOTED OTHERWISE.
22. EXISTING ACCESSIBLE RESTROOMS TO REMAIN AS IS, UNLESS NOTED OTHERWISE.
23. PROJECT IS FOR INTERIOR DEMOLITION OF NON BEARING WALLS, CEILINGS, AND FINISHES ONLY.
24. INCLUDES SOME MINOR EXTERIOR SITE, BUILDING SHELL ENVELOPE, EXTERIOR EQUIPMENT OR EXTERIOR FINISHES.
25. DOES NOT INCLUDE REPAIR EXTERIOR REFINISHING OR ANY NEW CONSTRUCTION.
26. CONTRACTOR WILL RECOGNIZE THAT A PORTION OF THE EXISTING BUILDING IS OCCUPIED BY OTHER TENANTS. CONTRACTOR WILL COORDINATE THE DEMOLITION / SHUTOFF OF EXISTING UTILITIES WITH THE EXISTING TENANTS SO AS TO MINIMIZE DISRUPTION TO THEIR DAILY OPERATIONS.

DEMOLITION KEYNOTES NOTES

1. EXISTING FLOOR SLAB OF WHOLE AREA OF NEW SCOPE OF WORK SHALL BE CLEANED FROM ANY DEBRIS, OLD FLOORING MATERIALS, PROTRUDING AND ABANDONED EQUIPMENT ANCHORING, DAMAGED CONCRETE DEBRIS. PREPARE FLOOR TO RECEIVE LEVELING COMPOUND TO FILL VOIDS, SPALLED CONCRETE, AND UNEVENNESS OF FLOOR
2. REMOVE EXISTING ELECTRICAL PANELS.
3. REMOVE EXISTING RAISED FLOOR SYSTEM THROUGHOUT EXCEPT WHERE NOTED OTHERWISE.
4. REMOVE EXISTING RAMP AND HANDRAILS.
5. REMOVE EXISTING EXISTING EMERGENCY EYEWASH/SAFETY SHOWER STATION AND FLOOR DRAIN.
6. REMOVE ALL EXISTING PLUMBING FIXTURES, TOILET COMPARTMENTS AND ACCESSORIES, WALL AND FLOOR TILE FINISHES THROUGHOUT AND REPLACE WITH NEW. REMOVE EXISTING COUNTERTOP FINISH, SALVAGE STRUCTURAL FRAMEWORK OF COUNTER IF POSSIBLE AND PREP FOR NEW COUNTER FINISH PER FINISH SCHEDULE. REMOVE ALL EXISTING LIGHT FIXTURES AND REPLACE WITH NEW.
7. REMOVE EXISTING "HERCULITE" DOOR/SIDELIGHT OR GLASS PARTITION.
8. REMOVE EXISTING CABINETRY/MILLWORK.
9. DEMO. PORTION OF EXISTING INTERIOR WALL OR EXTERIOR STOREFRONT WINDOW SYSTEM FOR NEW DOOR OPENING PER PARTITION PLAN.
10. EXISTING FIRE EXTINGUISHER CABINET TO BE SALVAGED AND RELOCATED AS REQUIRED.
11. REMOVE AND SALVAGE EXISTING FIRE EXTINGUISHER CABINET. REPAIR WALL AS REQUIRED.
12. DEMO. EXISTING SHOWER STALLS
13. REMOVE EXISTING LOCKERS
14. REMOVE EXISTING SUSPENDED T-BAR CEILING SYSTEM, HARDLID CEILING AND SOFFIT THROUGHOUT, UNLESS NOTED OTHERWISE.
15. REMOVE EXISTING FLOOR FINISH THROUGHOUT, UNLESS NOTED OTHERWISE. PREPARE SURFACE FOR NEW FLOOR FINISH.
16. DEMO. EXISTING CONCRETE BLOCK WALL IF POSSIBLE. CONTRACTOR TO VERIFY.
17. REMOVE ALL EXISTING EQUIPMENT, PIPING, ELEC. PANELS/CONDUIT, ETC...IN LOADING DOCK AREA.
18. EXISTING DISPLAY CABINET TO BE REMOVED. CONTRACTOR TO VERIFY WOOD PANELING EXIST BEHIND CABINET. IF NOT, PROVIDE AND INSTALL TO MATCH WITH EXISTING.
19. DEMO. EXISTING LIGHT TROUGH AND ALL RELATED ITEMS ABOVE RESTROOM COUNTER.

DEMOLITION LEGEND

- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING SHELL, INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING BUILDING SHAFTS TO REMAIN.
- WALLS, DOORS, PANELS TO BE DEMOLISHED IN ITS ENTIRETY. REMOVE ALL POWER/DATA OUTLETS AND SAFELY TERMINATE TO PANEL OR J-BOX. ANY PLUMBING LINES IF ANY, CAP TO NEAREST POSSIBLE LOCATION.



KEY PLAN

pk:a
pk:architecture
5126 clareton drive | suite 110
agoura hills, california 91301
v 818.597.1005.7 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect

	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

2nd FLOOR DEMOLITION PLAN - SOUTH WING

drawn by

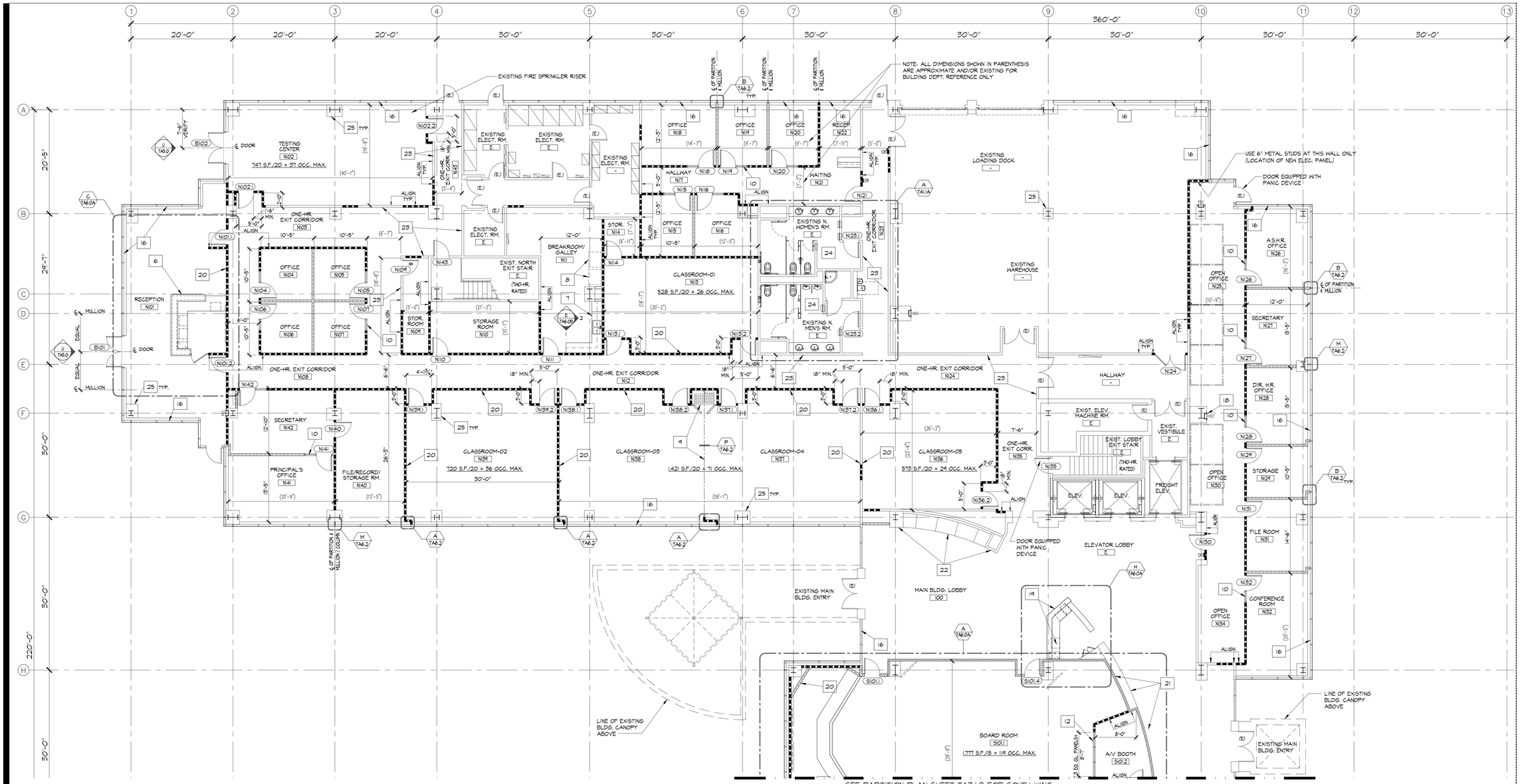
project no 18-66.60

date

scale

TA3.0.4

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA3.1.1-TA3.1.2-1st Flr Partition Plan.dwg, 2/25/2020 11:26:37 AM, DWG To PDF.p



1st FLOOR PARTITION PLAN - NORTH WING

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

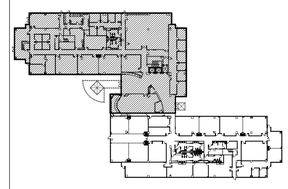
1. GENERAL AND ALL SUBCONTRACTORS TO VERIFY ALL EXISTING FIELD CONDITIONS PRIOR TO SUBMITTING BIDS AND STARTING ANY WORK.
2. ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT CALIFORNIA BUILDING CODE AND MATERIALS USED UNLESS OTHERWISE NOTED. CONTRACTORS TO PROTECT ALL EXISTING CONDITIONS AS REQUIRED AND REPAIR ALL DAMAGES CAUSED BY DEMOLITION OR NEW CONSTRUCTION.
3. OPENING IN FIRE RATED WALLS REQUIRING PROTECTED OPENING SHALL HAVE A RATING IN THE FOLLOWING LOCATIONS.
   A. ABOVE CORRIDOR CEILING WHICH ARE NOT PART OF THE FIRE RESISTIVE ASSEMBLY.
   B. BELOW ANY CEILING. (CBC 716)
4. CONSTRUCTION JOINTS IN FIRE-RATING WALLS REQUIRED TO HAVE PROTECTION OPENINGS OR IN FLOORS SHALL BE PROTECTED BY MATERIALS HAVING AN EQUIVALENT FIRE RATING. SUCH MATERIAL SHALL CONFORM WITH CBC SECTION 715.
5. FIRE DOORS AND FIRE DAMPERS SHALL BE LABELED OR OTHERWISE IDENTIFIED AS TO THE FIRE PROTECTION RATING SHALL BE INSTALLED IN ACCORDANCE WITH THEIR LISTING. FIRE DAMPERS SHALL BE FABRICATED AND INSTALLED IN AN APPROVED MANNER. (CBC 717.3.2.1).
6. FIRE AND SMOKE DAMPERS ARE REQUIRED IN THE FOLLOWING LOCATIONS:
   A. DUCTS PENETRATING THE CEILING OF A FIRE-RESISTIVE FLOOR - OR ROOF-ASSEMBLY.
   B. DUCTS PENETRATING FIRE-RATED CORRIDOR WALLS. (CBC 717.5.1)
7. A CLASS II FLAME RATING FOR INTERIOR FINISHES OF EXIT CORRIDORS AND A CLASS III FLAME RATING FOR INTERIOR FINISHES AT ROOMS. (CBC 803.11)
8. CONTRACTOR TO FIELD VERIFY THE CURRENT LEVEL OF FIRE LIFE SAFETY SYSTEM INSTALLED IN THE BUILDING AND INSTALL AS REQUIRED AN EQUIVALENT SYSTEM TO MATCH. SYSTEMS MUST BE INTER-CONNECTED THROUGHOUT THE BUILDING.
9. A FINAL REPORT FOR TESTING AND ADJUSTING OF ALL NEW SYSTEM SHALL BE COMPLETED PRIOR TO ISSUANCE OF PERMIT. THIS REPORT SHALL BE SIGNED BY THE INDIVIDUAL RESPONSIBLE FOR PERFORMING THESE SERVICES. (10.410.4.4)
10. ALL JOINTS, PENETRATIONS AND ANY OTHER OPENINGS IN THE BUILDING ENVELOPE SHALL BE SEALED TO LIMIT INFILTRATION AND EXFILTRATION

PARTITION PLAN KEY NOTES

1. CONTRACTOR TO FIELD VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY BEFORE COMMENCING ANY WORK.
2. ALL DIMENSIONS ARE TO BE TAKEN FROM FACE OF FINISH, U.N.O., SEE PLANS AND WALL DETAILS.
3. ALL PARTITIONS / WORK SURFACES SHALL BE CONSTRUCTED PARALLEL TO COLUMN GRID OR EXTERIOR WINDOWS, U.N.O. DIMENSIONED ON PLAN.
4. CONTRACTOR TO VERIFY ALL CONDITIONS IN THE FIELD PRIOR TO PRICING.
5. CUBICLES ARE TO BE SUPPLIED AND INSTALLED BY FURNITURE VENDOR. CONTRACTOR TO PROVIDE HARDWIRE HOOK-UP FOR ELEC./ TELE/ DATA, TYPICAL.
6. BUILT-IN ADA ACCESSIBLE RECEPTION COUNTER AT RECEPTION-N101, SEE ENLARGED PLAN DETAIL C/TA6.0A
7. NEW PLASTIC LAMINATE UPPER AND LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN BREAK ROOM. SEE DETAIL E/TA6.0B
8. LOCATION OF TENANT-PROVIDED REFRIGERATORS (SIZE TO BE DETERMINED)
9. MODERNFOLD OPERABLE PARTITION SYSTEM, SEE DETAIL P/TA6.2.
   a.) ACOUSTI-SEAL PAIRED PANEL SYSTEM
   b.) ENCORE 56 STC
   c.) 4" PANEL THICKNESS
   d.) EXPANDABLE CLOSURE
   e.) VINYL FINISH
   f.) AUTOMATIC BOTTOM SEALFOLDING PARTITION SYSTEM
10. NEW ¼" THICK CLEAR TEMPERED GLASS SIDELIGHT FROM FLOOR TO DOOR HEAD HEIGHT IN PRE-FINISHED BLACK "TIMELY" C-SERIES FRAMES AT DIR. OFFICE-N128, SEE DETAIL D/TA6.2
11. NEW PLASTIC LAMINATE LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN CLASSROOMS-S1.26 & S-1.28, SEE DETAIL B/TA6.0B
12. NEW WINDOW FROM 42" A.F.F. TO DOOR HEAD HEIGHT AT A/V BOOTH ROOM, SEE DETAIL H/TA6.2
13. PROVIDE TACTILE "EXIT" SIGN AT DOOR, SEE DETAIL T/TA5.0
14. PROVIDE TACTILE "EXIT ROUTE" SIGN AT DOOR, SEE DETAIL U/TA5.0
15. NEW PLASTIC LAMINATE UPPER AND LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN STAFF LOUNGE-N206. SEE DETAIL H/TA6.0B
16. EXISTING WINDOW COVERING TO REMAIN THROUGHOUT, CLEAN / REPAIR AS REQUIRED.
17. NEW TEMPERED GLASS FROM FLOOR TO DOOR HEAD HEIGHT IN PRE-FINISHED BLACK "TIMELY" C-SERIES FRAMES AT DIR. OFFICE-S211, SEE DETAIL D/TA6.2
18. EXISTING SEMI-RECESSED FIRE EXTINGUISHER CABINETS TO REMAIN OR RELOCATE AS REQUIRED AND TO BE INSPECTED FOR COMPLIANCE
19. BUILT-IN EXISTING MAIN LOBBY RECEPTION DESK TO BE MODIFIED, SEE DETAIL H/TA6.0A
20. PROVIDE BACKING IN WALL FOR WALL MOUNTED FLAT SCREEN TELEVISION. CONTRACTOR TO VERIFY WITH TENANT FOR EXACT LOCATION.
21. EXISTING CASEWORK AND HOOD PANELING WITH REVEALS TO REMAIN, UNLESS NOTED OTHERWISE.
22. EXISTING BANQUETTE AND HOOD PANELED CASEWORK TO REMAIN, UNLESS NOTED OTHERWISE.
23. CONTRACTOR TO VERIFY THAT EXISTING PARTITION AND COLUMN FURRING IN ONE-HOUR RATED CORRIDOR ARE CONSTRUCTED TO THE UNDERSIDE OF STRUCTURE ABOVE AND MODIFY AS REQUIRED PER DETAIL K/TA6.1
24. PROVIDE ALTERNATE PRICING TO SALVAGE AND RE-USE ALL EXISTING RESTROOM FAUCETS, COUNTER-MOUNTED SOAP DISPENSERS, PAPER TOWEL DISPENSERS/RECEPTACLES, FEMININE NAPKIN VENDORS/RECEPTACLES, GRAB BARS AND TOILET TISSUE DISPENSERS. MIRRORS ARE TO BE RE-USED AT ALL EXISTING RESTROOMS
25. PROVIDE METAL J-MOLD AT TOP EDGE OF EXISTING GYP. BD. COLUMN FURRING THROUGHOUT EXPOSED STRUCTURE (NO FINISH CEILING) AREAS. PAINT METAL J-MOLD TO MATCH GYP. BD.

WALL LEGEND

- ### — DOOR IDENTIFICATION, REFER TO DOOR SCHEDULE SHEET TA5.0 & TA5.1
- CR — DOOR CARD READER, CARD KEY ACCESS CONTROL DEVICE (E.G. TO COORDINATE CONDUIT REQUIREMENTS FOR CARD READER SYSTEM WITH TENANT) PROVIDE ALL REQUIRED INFRASTRUCTURE SEE DOOR SCHEDULE SHEET TA5.0 & TA5.1 FOR ADDITIONAL INFORMATION
- F.E.C. — EXISTING RECESSED FIRE EXTINGUISHER CABINET (RELOCATE AS REQUIRED)
- (E.) — EXISTING TO REMAIN
- INACTIVE DOOR LEAF
- ACTIVE DOOR LEAF
- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING SHELL, INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING BUILDING SHAFTS TO REMAIN.
- FURNITURE PARTITION SYSTEM BY TENANT. CONTRACTOR TO PROVIDE HARDWIRE HOOK-UP FOR ELEC./ TELE/ DATA, TYPICAL
- NEW FULL-HEIGHT SOUND PARTITION - ⅝" TYPE "X" GYP. BD. EACH SIDE OF 3 ⅝" X 20 GA. METAL STUDS FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH R-13 SOUND ATTENUATION BATT INSULATION — G/TA6.1, K/TA6.1
- NEW PARTITION - ⅝" TYPE "X" GYP. BD. EACH SIDE OF 3 ⅝" X 20 GA. METAL STUD FROM FINISH FLOOR TO 12" ABOVE ADJACENT CEILING WITH R-13 SOUND ATTENUATION BATT INSULATION — J/TA6.1
- NEW FULL-HEIGHT SOUND CONTROL PARTITION FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH TWO LAYERS OF ⅝" TYPE "X" GYP. BD. EACH SIDE OF 3⅝" X 20 GAUGE METAL STUDS AND R-13 SOUND ATTENUATION BATT INSULATION — M/TA6.1
- NEW FULL-HEIGHT PERIMETER TOILET PARTITION 3⅝" X 20 GA. METAL STUDS @ 24" O.C. — L/TA6.1
- NEW INTERIOR CEILING-HEIGHT TOILET PARTITION 3⅝" X 20 GA. METAL STUDS @ 24" O.C. — N/TA6.1
- NEW LOW PARTITION WITH TUBE STEEL SUPPORTS — P/TA6.1



KEY PLAN

pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818.597.1000 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

1st FLOOR PARTITION PLAN - NORTH WING

drawn by

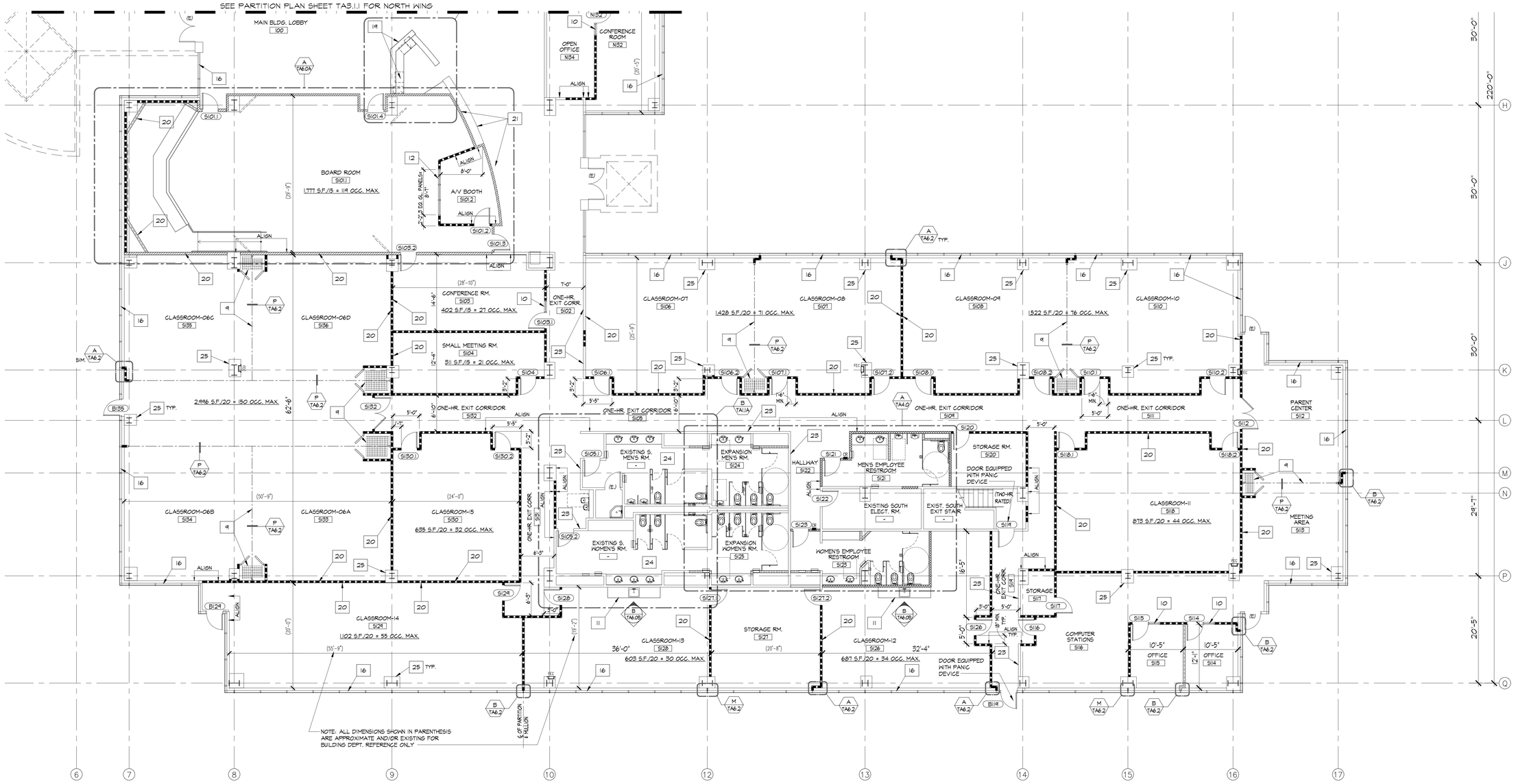
project no 18-66.60

date

scale

TA3.1.1

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA3.1.1-TA3.1.2-1st Flr Partition Plan.dwg, 2/25/2020 11:27:18 AM, DWG To PDF.p



1st FLOOR PARTITION PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

1. GENERAL AND ALL SUBCONTRACTORS TO VERIFY ALL EXISTING FIELD CONDITIONS PRIOR TO SUBMITTING BIDS AND STARTING ANY WORK.
2. ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT CALIFORNIA BUILDING CODE AND MATERIALS USED UNLESS OTHERWISE NOTED, CONTRACTORS TO PROTECT ALL EXISTING CONDITIONS AS REQUIRED AND REPAIR ALL DAMAGES CAUSED BY DEMOLITION OR NEW CONSTRUCTION.
3. OPENING IN FIRE RATED WALLS REQUIRING PROTECTED OPENING SHALL HAVE A RATING IN THE FOLLOWING LOCATIONS.
   A. ABOVE CORRIDOR CEILING WHICH ARE NOT PART OF THE FIRE RESISTIVE ASSEMBLY.
   B. BELOW ANY CEILING. (CBC 716)
4. CONSTRUCTION JOINTS IN FIRE-RATING WALLS REQUIRED TO HAVE PROTECTION OPENINGS OR IN FLOORS SHALL BE PROTECTED BY MATERIALS HAVING AN EQUIVALENT FIRE RATING. SUCH MATERIAL SHALL CONFORM WITH CBC SECTION 715.
5. FIRE DOORS AND FIRE DAMPERS SHALL BE LABELED OR OTHERWISE IDENTIFIED AS TO THE FIRE PROTECTION RATING SHALL BE INSTALLED IN ACCORDANCE WITH THEIR LISTING. FIRE DAMPERS SHALL BE FABRICATED AND INSTALLED IN AN APPROVED MANNER. (CBC 717.3.2.1).
6. FIRE AND SMOKE DAMPERS ARE REQUIRED IN THE FOLLOWING LOCATIONS:
   A. DUCTS PENETRATING THE CEILING OF A FIRE-RESISTIVE FLOOR - OR ROOF-ASSEMBLY.
   B. DUCTS PENETRATING FIRE-RATED CORRIDOR WALLS. (CBC 717.5.1)
7. A CLASS II FLAME RATING FOR INTERIOR FINISHES OF EXIT CORRIDORS AND A CLASS III FLAME RATING FOR INTERIOR FINISHES AT ROOMS. (CBC 803.1)
8. CONTRACTOR TO FIELD VERIFY THE CURRENT LEVEL OF FIRE LIFE SAFETY SYSTEM INSTALLED IN THE BUILDING AND INSTALL AS REQUIRED AN EQUIVALENT SYSTEM TO MATCH. SYSTEMS MUST BE INTER-CONNECTED THROUGHOUT THE BUILDING.
9. A FINAL REPORT FOR TESTING AND ADJUSTING OF ALL NEW SYSTEM SHALL BE COMPLETED PRIOR TO ISSUANCE OF PERMIT. THIS REPORT SHALL BE SIGNED BY THE INDIVIDUAL RESPONSIBLE FOR PERFORMING THESE SERVICES. (10.410.4.4)
10. ALL JOINTS, PENETRATIONS AND ANY OTHER OPENINGS IN THE BUILDING ENVELOPE SHALL BE SEALED TO LIMIT INFILTRATION AND EXFILTRATION

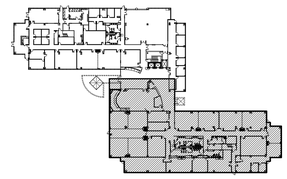
PARTITION PLAN KEY NOTES

1. CONTRACTOR TO FIELD VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY BEFORE COMMENCING ANY WORK.
2. ALL DIMENSIONS ARE TO BE TAKEN FROM FACE OF FINISH, U.N.O., SEE PLANS AND WALL DETAILS.
3. ALL PARTITIONS / WORK SURFACES SHALL BE CONSTRUCTED PARALLEL TO COLUMN GRID OR EXTERIOR WINDOWS, U.N.O. DIMENSIONED ON PLAN.
4. CONTRACTOR TO VERIFY ALL CONDITIONS IN THE FIELD PRIOR TO PRICING.
5. CUBICLES ARE TO BE SUPPLIED AND INSTALLED BY FURNITURE VENDOR. CONTRACTOR TO PROVIDE HARDWIRE HOOK-UP FOR ELEC./ TELE./ DATA, TYPICAL.

6. BUILT-IN ADA ACCESSIBLE RECEPTION COUNTER AT RECEPTION-N101, SEE ENLARGED PLAN DETAIL C/TA6.0A
7. NEW PLASTIC LAMINATE UPPER AND LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN BREAK ROOM. SEE DETAIL E/TA6.0B
8. LOCATION OF TENANT-PROVIDED REFRIGERATORS (SIZE TO BE DETERMINED)
9. MODERNFOLD OPERABLE PARTITION SYSTEM, SEE DETAIL P/TA6.2:
   a.) ACOUSTI-SEAL PAIRED PANEL SYSTEM
   b.) ENCORE 56 STC
   c.) 4" PANEL THICKNESS
   d.) EXPANDABLE CLOSURE
   e.) VINYL FINISH
   f.) AUTOMATIC BOTTOM SEALFOLDING PARTITION SYSTEM
10. NEW ¼" THICK CLEAR TEMPERED GLASS SIDELIGHT FROM FLOOR TO DOOR HEAD HEIGHT IN PRE-FINISHED BLACK "TIMELY" FRAMES, SEE DETAILS C/TA6.2 & D/TA6.2
11. NEW PLASTIC LAMINATE LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN CLASSROOMS-S126 & S-128. SEE DETAIL B/TA6.0B
12. NEW WINDOW FROM 42" A.F.F. TO DOOR HEAD HEIGHT AT A/V BOOTH ROOM, SEE DETAIL H/TA6.2
13. PROVIDE TACTILE "EXIT" SIGN AT DOOR, SEE DETAIL T/TA5.0
14. PROVIDE TACTILE "EXIT ROUTE" SIGN AT DOOR, SEE DETAIL U/TA5.0
15. NEW PLASTIC LAMINATE UPPER AND LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN STAFF LOUNGE-N206. SEE DETAIL H/TA6.0B
16. EXISTING WINDOW COVERING TO REMAIN THROUGHOUT, CLEAN / REPAIR AS REQUIRED.
17. NEW TEMPERED GLASS FROM FLOOR TO DOOR HEAD HEIGHT IN PRE-FINISHED BLACK "TIMELY" C-SERIES FRAMES AT DIR. OFFICE-S211, SEE DETAIL D/TA6.2
18. EXISTING SEMI-RECESSED FIRE EXTINGUISHER CABINETS TO REMAIN OR RELOCATE AS REQUIRED AND TO BE INSPECTED FOR COMPLIANCE
19. BUILT-IN EXISTING MAIN LOBBY RECEPTION DESK TO BE MODIFIED, SEE DETAIL H/TA6.0A
20. PROVIDE BACKING IN WALL FOR WALL MOUNTED FLAT SCREEN TELEVISION. CONTRACTOR TO VERIFY WITH TENANT FOR EXACT LOCATION.
21. EXISTING CASEWORK AND HOOD PANELING WITH REVEALS TO REMAIN, UNLESS NOTED OTHERWISE.
22. EXISTING BANQUETTE AND HOOD PANELED CASEWORK TO REMAIN, UNLESS NOTED OTHERWISE.
23. CONTRACTOR TO VERIFY THAT EXISTING PARTITION AND COLUMN FURRING IN ONE-HOUR RATED CORRIDOR ARE CONSTRUCTED TO THE UNDERSIDE OF STRUCTURE ABOVE AND MODIFY AS REQUIRED PER DETAIL K/TA6.1
24. PROVIDE ALTERNATE PRICING TO SALVAGE AND RE-USE ALL EXISTING RESTROOM FAUCETS, COUNTER-MOUNTED SOAP DISPENSERS, PAPER TOWEL DISPENSERS/RECEPTACLES, FEMININE NAPKIN VENDORS/RECEPTACLES, GRAB BARS AND TOILET TISSUE DISPENSERS. MIRRORS ARE TO BE RE-USED AT ALL EXISTING RESTROOMS
25. PROVIDE METAL J-MOLD AT TOP EDGE OF EXISTING GYP. BD. COLUMN FURRING THROUGHOUT EXPOSED STRUCTURE (NO FINISH CEILING) AREAS. PAINT METAL J-MOLD TO MATCH GYP. BD.

WALL LEGEND

- ### — DOOR IDENTIFICATION, REFER TO DOOR SCHEDULE SHEET TA5.0 & TA5.1
- CR — DOOR CARD READER, CARD KEY ACCESS CONTROL DEVICE (E.C. TO COORDINATE CONDUIT REQUIREMENTS FOR CARD READER SYSTEM WITH TENANT) PROVIDE ALL REQUIRED INFRASTRUCTURE SEE DOOR SCHEDULE SHEET TA5.0 & TA5.1 FOR ADDITIONAL INFORMATION
- F.E.C. — EXISTING RECESSED FIRE EXTINGUISHER CABINET (RELOCATE AS REQUIRED)
- (E.) — EXISTING TO REMAIN
- INACTIVE DOOR LEAF
- ACTIVE DOOR LEAF
- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING SHELL, INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING BUILDING SHAFTS TO REMAIN.
- FURNITURE PARTITION SYSTEM BY TENANT. CONTRACTOR TO PROVIDE HARDWIRE HOOK-UP FOR ELEC./ TELE./ DATA, TYPICAL
- NEW FULL-HEIGHT SOUND PARTITION - ⅝" TYPE "X" GYP. BD. EACH SIDE OF 3 ⅝" X 20 GA. METAL STUDS FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH R-13 SOUND ATTENUATION BATT INSULATION — G/TA6.1, K/TA6.1
- NEW PARTITION - ⅝" TYPE "X" GYP. BD. EACH SIDE OF 3 ⅝" X 20 GA. METAL STUD FROM FINISH FLOOR TO 12" ABOVE ADJACENT CEILING WITH R-13 SOUND ATTENUATION BATT INSULATION — J/TA6.1
- NEW FULL-HEIGHT SOUND CONTROL PARTITION FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH TWO LAYERS OF ⅝" TYPE "X" GYP. BD. EACH SIDE OF 3⅝" X 20 GAUGE METAL STUDS AND R-13 SOUND ATTENUATION BATT INSULATION — M/TA6.1
- NEW FULL-HEIGHT PERIMETER TOILET PARTITION 3⅝" X 20 GA. METAL STUDS @ 24" O.C. — L/TA6.1
- NEW INTERIOR CEILING-HEIGHT TOILET PARTITION 3⅝" X 20 GA. METAL STUDS @ 24" O.C. — N/TA6.1
- NEW LOW PARTITION WITH TUBE STEEL SUPPORTS — P/TA6.1



KEY PLAN

pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818.597.1000.7 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors

OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT	12.19.19
	BID ISSUE	02.21.20

sheet title

1st FLOOR PARTITION PLAN - SOUTH WING

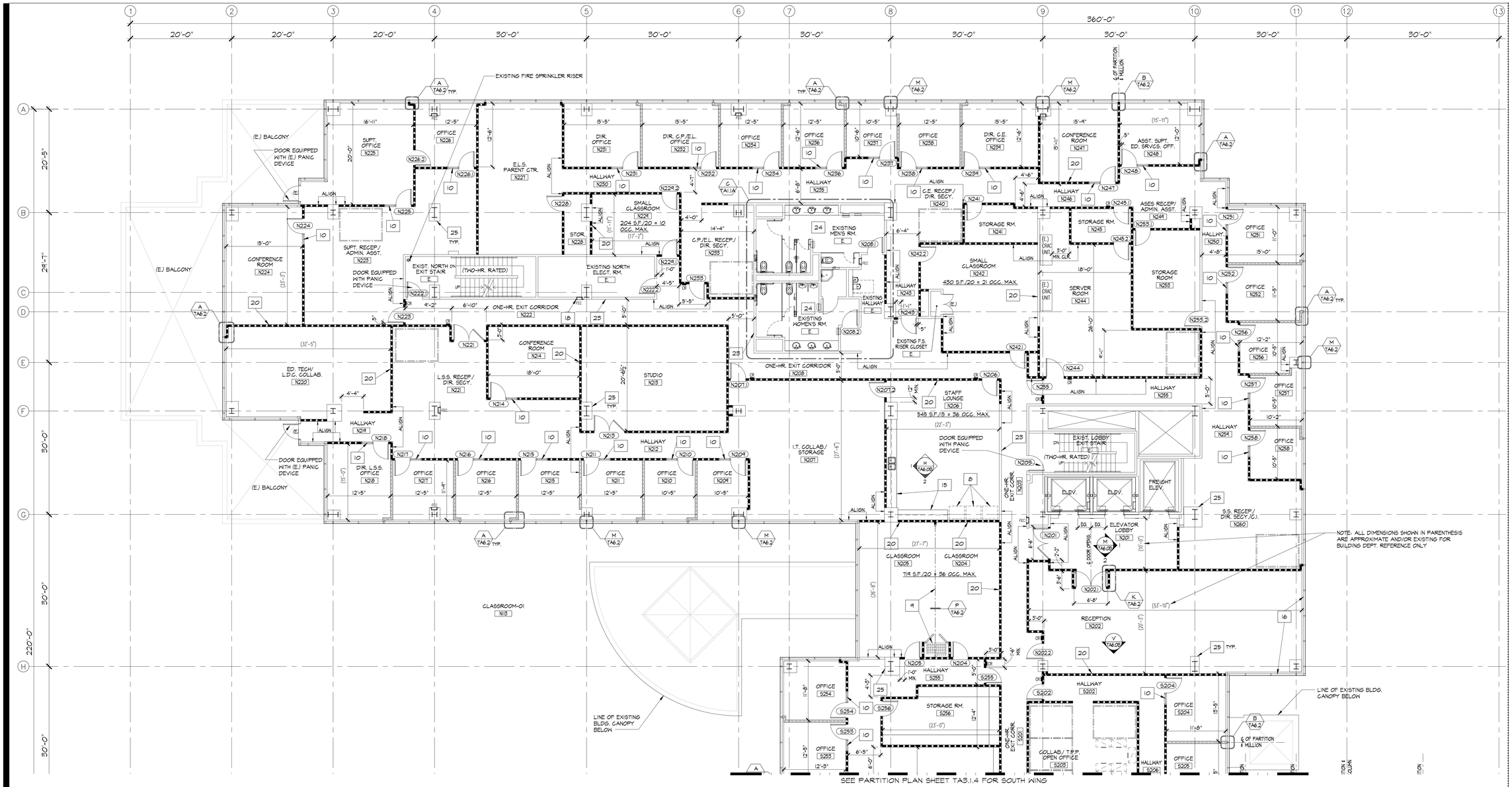
drawn by

project no 18-66.60

date

scale

TA3.1.2



SEE PARTITION PLAN SHEET TA3.1.4 FOR SOUTH WING

2nd FLOOR PARTITION PLAN - NORTH WING

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

1. GENERAL AND ALL SUBCONTRACTORS TO VERIFY ALL EXISTING FIELD CONDITIONS PRIOR TO SUBMITTING BIDS AND STARTING ANY WORK.
2. ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT CALIFORNIA BUILDING CODE AND MATERIALS USED UNLESS OTHERWISE NOTED. CONTRACTORS TO PROTECT ALL EXISTING CONDITIONS AS REQUIRED AND REPAIR ALL DAMAGES CAUSED BY DEMOLITION OR NEW CONSTRUCTION.
3. OPENING IN FIRE RATED WALLS REQUIRING PROTECTED OPENING SHALL HAVE A RATING IN THE FOLLOWING LOCATIONS.
   A. ABOVE CORRIDOR CEILING WHICH ARE NOT PART OF THE FIRE RESISTIVE ASSEMBLY.
   B. BELOW ANY CEILING. (CBC 716)
4. CONSTRUCTION JOINTS IN FIRE-RATING WALLS REQUIRED TO HAVE PROTECTION OPENINGS OR IN FLOORS SHALL BE PROTECTED BY MATERIALS HAVING AN EQUIVALENT FIRE RATING. SUCH MATERIAL SHALL CONFORM WITH CBC SECTION 715.
5. FIRE DOORS AND FIRE DAMPERS SHALL BE LABELED OR OTHERWISE IDENTIFIED AS TO THE FIRE PROTECTION RATING SHALL BE INSTALLED IN ACCORDANCE WITH THEIR LISTING. FIRE DAMPERS SHALL BE FABRICATED AND INSTALLED IN AN APPROVED MANNER. (CBC 1117.8.2.1).
6. FIRE AND SMOKE DAMPERS ARE REQUIRED IN THE FOLLOWING LOCATIONS:
   A. DUCTS PENETRATING THE CEILING OF A FIRE-RESISTIVE FLOOR - OR ROOF-ASSEMBLY.
   B. DUCTS PENETRATING FIRE-RATED CORRIDOR WALLS. (CBC 717.5.1)
7. A CLASS II FLAME RATING FOR INTERIOR FINISHES OF EXIT CORRIDORS AND A CLASS III FLAME RATING FOR INTERIOR FINISHES AT ROOMS. (CBC 803.11)
8. CONTRACTOR TO FIELD VERIFY THE CURRENT LEVEL OF FIRE LIFE SAFETY SYSTEM INSTALLED IN THE BUILDING AND INSTALL AS REQUIRED AN EQUIVALENT SYSTEM TO MATCH. SYSTEMS MUST BE INTER-CONNECTED THROUGHOUT THE BUILDING.
9. A FINAL REPORT FOR TESTING AND ADJUSTING OF ALL NEW SYSTEM SHALL BE COMPLETED PRIOR TO ISSUANCE OF PERMIT. THIS REPORT SHALL BE SIGNED BY THE INDIVIDUAL RESPONSIBLE FOR PERFORMING THESE SERVICES. (10.410.4.4)
10. ALL JOINTS, PENETRATIONS AND ANY OTHER OPENINGS IN THE BUILDING ENVELOPE SHALL BE SEALED TO LIMIT INFILTRATION AND EXFILTRATION

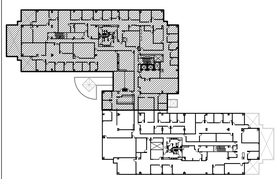
PARTITION PLAN KEY NOTES

1. CONTRACTOR TO FIELD VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY BEFORE COMMENCING ANY WORK.
2. ALL DIMENSIONS ARE TO BE TAKEN FROM FACE OF FINISH, U.N.O., SEE PLANS AND WALL DETAILS.
3. ALL PARTITIONS / WORK SURFACES SHALL BE CONSTRUCTED PARALLEL TO COLUMN GRID OR EXTERIOR WINDOWS, U.N.O. DIMENSIONED ON PLAN.
4. CONTRACTOR TO VERIFY ALL CONDITIONS IN THE FIELD PRIOR TO PRICING.
5. CUBICLES ARE TO BE SUPPLIED AND INSTALLED BY FURNITURE VENDOR. CONTRACTOR TO PROVIDE HARDWIRE HOOK-UP FOR ELEC./ TELE./ DATA, TYPICAL.

6. BUILT-IN ADA ACCESSIBLE RECEPTION COUNTER AT RECEPTION-N101, SEE ENLARGED PLAN DETAIL C/TA6.0A
7. NEW PLASTIC LAMINATE UPPER AND LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN BREAK ROOM. SEE DETAIL E/TA6.0B
8. LOCATION OF TENANT-PROVIDED REFRIGERATORS (SIZE TO BE DETERMINED)
9. MODERNFOLD OPERABLE PARTITION SYSTEM, SEE DETAIL P/TA6.2:
   a.) ACOUSTI-SEAL PAIRED PANEL SYSTEM
   b.) ENCORE 56 STC
   c.) 4" PANEL THICKNESS
   d.) EXPANDABLE CLOSURE
   e.) VINYL FINISH
   f.) AUTOMATIC BOTTOM SEALFOLDING PARTITION SYSTEM
10. NEW 1" THICK CLEAR TEMPERED GLASS SIDELIGHT FROM FLOOR TO DOOR HEAD HEIGHT IN PRE-FINISHED BLACK "TIMELY" FRAMES, SEE DETAILS C/TA6.2 & D/TA6.2
11. NEW PLASTIC LAMINATE LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN CLASSROOMS-S126 & S-128. SEE DETAIL B/TA6.0B
12. NEW WINDOW FROM 42" A.F.F. TO DOOR HEAD HEIGHT AT A/V BOOTH ROOM, SEE DETAIL H/TA6.2
13. PROVIDE TACTILE "EXIT" SIGN AT DOOR, SEE DETAIL T/TA5.0
14. PROVIDE TACTILE "EXIT ROUTE" SIGN AT DOOR, SEE DETAIL U/TA5.0
15. NEW PLASTIC LAMINATE UPPER AND LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN STAFF LOUNGE-N206. SEE DETAIL H/TA6.0B
16. EXISTING WINDOW COVERING TO REMAIN THROUGHOUT, CLEAN / REPAIR AS REQUIRED.
17. NEW TEMPERED GLASS FROM FLOOR TO DOOR HEAD HEIGHT IN PRE-FINISHED BLACK "TIMELY" C-SERIES FRAMES AT DIR. OFFICE-S211, SEE DETAIL D/TA6.2
18. EXISTING SEMI-RECESSED FIRE EXTINGUISHER CABINETS TO REMAIN OR RELOCATE AS REQUIRED AND TO BE INSPECTED FOR COMPLIANCE
19. BUILT-IN EXISTING MAIN LOBBY RECEPTION DESK TO BE MODIFIED, SEE DETAIL H/TA6.0A
20. PROVIDE BACKING IN WALL FOR WALL MOUNTED FLAT SCREEN TELEVISION. CONTRACTOR TO VERIFY WITH TENANT FOR EXACT LOCATION.
21. EXISTING CASEWORK AND HOOD PANELING WITH REVEALS TO REMAIN, UNLESS NOTED OTHERWISE.
22. EXISTING BANQUETTE AND HOOD PANELED CASEWORK TO REMAIN, UNLESS NOTED OTHERWISE.
23. CONTRACTOR TO VERIFY THAT EXISTING PARTITION AND COLUMN FURRING IN ONE-HOUR RATED CORRIDOR ARE CONSTRUCTED TO THE UNDERSIDE OF STRUCTURE ABOVE AND MODIFY AS REQUIRED PER DETAIL K/TA6.1
24. PROVIDE ALTERNATE PRICING TO SALVAGE AND RE-USE ALL EXISTING RESTROOM FAUCETS, COUNTER-MOUNTED SOAP DISPENSERS, PAPER TOWEL DISPENSERS/RECEPTACLES, FEMININE NAPKIN VENDORS/RECEPTACLES, GRAB BARS AND TOILET TISSUE DISPENSERS. MIRRORS ARE TO BE RE-USED AT ALL EXISTING RESTROOMS
25. PROVIDE METAL J-MOLD AT TOP EDGE OF EXISTING GYP. BD. COLUMN FURRING THROUGHOUT EXPOSED STRUCTURE (NO FINISH CEILING) AREAS. PAINT METAL J-MOLD TO MATCH GYP. BD.

WALL LEGEND

- ### — DOOR IDENTIFICATION, REFER TO DOOR SCHEDULE SHEET TA5.0 & TA5.1
- CR — DOOR CARD READER, CARD KEY ACCESS CONTROL DEVICE (E.G. TO COORDINATE CONDUIT REQUIREMENTS FOR CARD READER SYSTEM WITH TENANT) PROVIDE ALL REQUIRED INFRASTRUCTURE SEE DOOR SCHEDULE SHEET TA5.0 & TA5.1 FOR ADDITIONAL INFORMATION
- F.E.C. — EXISTING RECESSED FIRE EXTINGUISHER CABINET (RELOCATE AS REQUIRED)
- (E.) — EXISTING TO REMAIN
- INACTIVE DOOR LEAF
- ACTIVE DOOR LEAF
- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING SHELL, INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING BUILDING SHAFTS TO REMAIN.
- FURNITURE PARTITION SYSTEM BY TENANT. CONTRACTOR TO PROVIDE HARDWIRE HOOK-UP FOR ELEC./ TELE./ DATA, TYPICAL
- NEW FULL-HEIGHT SOUND PARTITION - 5/8" TYPE "X" GYP. BD. EACH SIDE OF 3 5/8" X 20 GA. METAL STUDS FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH R-13 SOUND ATTENUATION BATT INSULATION — G/TA6.1, K/TA6.1
- NEW PARTITION - 5/8" TYPE "X" GYP. BD. EACH SIDE OF 3 5/8" X 20 GA. METAL STUD FROM FINISH FLOOR TO 12" ABOVE ADJACENT CEILING WITH R-13 SOUND ATTENUATION BATT INSULATION — J/TA6.1
- NEW FULL-HEIGHT SOUND CONTROL PARTITION FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH TWO LAYERS OF 5/8" TYPE "X" GYP. BD. EACH SIDE OF 3 5/8" X 20 GAUGE METAL STUDS AND R-13 SOUND ATTENUATION BATT INSULATION — M/TA6.1
- NEW FULL-HEIGHT PERIMETER TOILET PARTITION 5/8" X 20 GA. METAL STUDS @ 24" O.C. — L/TA6.1
- NEW INTERIOR CEILING-HEIGHT TOILET PARTITION 5/8" X 20 GA. METAL STUDS @ 24" O.C. — N/TA6.1
- NEW LOW PARTITION WITH TUBE STEEL SUPPORTS — P/TA6.1



KEY PLAN

pk:a pk:architecture
5126 clareton drive | suite 110
agoura hills, california 91301
v 818 597 1000 57 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT	12.19.19
	BID ISSUE	02.24.20

sheet title

2nd FLOOR PARTITION PLAN - NORTH WING

drawn by

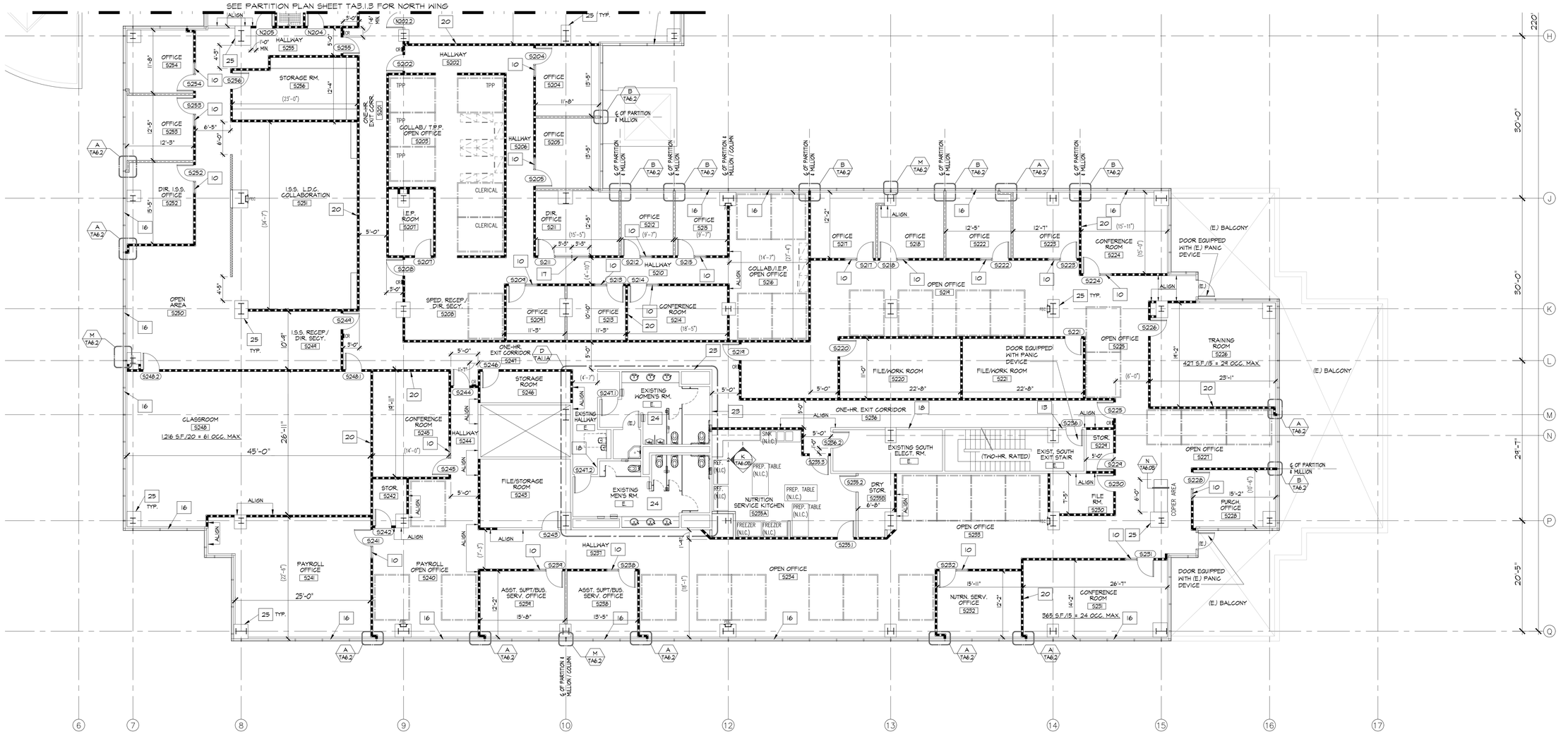
project no 18-66.60

date

scale

TA3.1.3

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA3.1.3-TA3.1.4-2nd Flr Partition Plan.dwg, 2/24/2020 12:02:37 PM, DWG To PDF.p



2nd FLOOR PARTITION PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

1. GENERAL AND ALL SUBCONTRACTORS TO VERIFY ALL EXISTING FIELD CONDITIONS PRIOR TO SUBMITTING BIDS AND STARTING ANY WORK.
2. ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT CALIFORNIA BUILDING CODE AND MATERIALS USED UNLESS OTHERWISE NOTED. CONTRACTORS TO PROTECT ALL EXISTING CONDITIONS AS REQUIRED AND REPAIR ALL DAMAGES CAUSED BY DEMOLITION OR NEW CONSTRUCTION.
3. OPENING IN FIRE RATED WALLS REQUIRING PROTECTED OPENING SHALL HAVE A RATING IN THE FOLLOWING LOCATIONS.
   A. ABOVE CORRIDOR CEILING WHICH ARE NOT PART OF THE FIRE RESISTIVE ASSEMBLY.
   B. BELOW ANY CEILING. (CBC 716)
4. CONSTRUCTION JOINTS IN FIRE-RATING WALLS REQUIRED TO HAVE PROTECTION OPENINGS OR IN FLOORS SHALL BE PROTECTED BY MATERIALS HAVING AN EQUIVALENT FIRE RATING. SUCH MATERIAL SHALL CONFORM WITH CBC SECTION 715.
5. FIRE DOORS AND FIRE DAMPERS SHALL BE LABELED OR OTHERWISE IDENTIFIED AS TO THE FIRE PROTECTION RATING SHALL BE INSTALLED IN ACCORDANCE WITH THEIR LISTING. FIRE DAMPERS SHALL BE FABRICATED AND INSTALLED IN AN APPROVED MANNER. (CBC 717.3.2.1).
6. FIRE AND SMOKE DAMPERS ARE REQUIRED IN THE FOLLOWING LOCATIONS:
   A. DUCTS PENETRATING THE CEILING OF A FIRE-RESISTIVE FLOOR - OR ROOF-ASSEMBLY.
   B. DUCTS PENETRATING FIRE-RATED CORRIDOR WALLS. (CBC 717.5.1)
7. A CLASS II FLAME RATING FOR INTERIOR FINISHES OF EXIT CORRIDORS AND A CLASS III FLAME RATING FOR INTERIOR FINISHES AT ROOMS. (CBC 803.11)
8. CONTRACTOR TO FIELD VERIFY THE CURRENT LEVEL OF FIRE LIFE SAFETY SYSTEM INSTALLED IN THE BUILDING AND INSTALL AS REQUIRED AN EQUIVALENT SYSTEM TO MATCH. SYSTEMS MUST BE INTER-CONNECTED THROUGHOUT THE BUILDING.
9. A FINAL REPORT FOR TESTING AND ADJUSTING OF ALL NEW SYSTEM SHALL BE COMPLETED PRIOR TO ISSUANCE OF PERMIT. THIS REPORT SHALL BE SIGNED BY THE INDIVIDUAL RESPONSIBLE FOR PERFORMING THESE SERVICES. (10.410.4.4)
10. ALL JOINTS, PENETRATIONS AND ANY OTHER OPENINGS IN THE BUILDING ENVELOPE SHALL BE SEALED TO LIMIT INFILTRATION AND EXFILTRATION

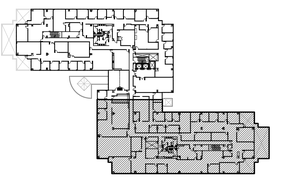
PARTITION PLAN KEY NOTES

1. CONTRACTOR TO FIELD VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY BEFORE COMMENCING ANY WORK.
2. ALL DIMENSIONS ARE TO BE TAKEN FROM FACE OF FINISH, U.N.O., SEE PLANS AND WALL DETAILS.
3. ALL PARTITIONS / WORK SURFACES SHALL BE CONSTRUCTED PARALLEL TO COLUMN GRID OR EXTERIOR WINDOWS, U.N.O. DIMENSIONED ON PLAN.
4. CONTRACTOR TO VERIFY ALL CONDITIONS IN THE FIELD PRIOR TO PRICING.
5. CUBICLES ARE TO BE SUPPLIED AND INSTALLED BY FURNITURE VENDOR. CONTRACTOR TO PROVIDE HARDWIRE HOOK-UP FOR ELEC./ TELE/ DATA, TYPICAL.

6. BUILT-IN ADA ACCESSIBLE RECEPTION COUNTER AT RECEPTION-N101, SEE ENLARGED PLAN DETAIL C/TA6.0A
7. NEW PLASTIC LAMINATE UPPER AND LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN BREAK ROOM. SEE DETAIL E/TA6.0B
8. LOCATION OF TENANT-PROVIDED REFRIGERATORS (SIZE TO BE DETERMINED)
9. MODERNFOLD OPERABLE PARTITION SYSTEM, SEE DETAIL P/TA6.2.
   a.) ACOUSTI-SEAL PAIRED PANEL SYSTEM
   b.) ENCORE 56 STC
   c.) 4" PANEL THICKNESS
   d.) EXPANDABLE CLOSURE
   e.) VINYL FINISH
   f.) AUTOMATIC BOTTOM SEALFOLDING PARTITION SYSTEM
10. NEW ¼" THICK CLEAR TEMPERED GLASS SIDELIGHT FROM FLOOR TO DOOR HEAD HEIGHT IN PRE-FINISHED BLACK "TIMELY" FRAMES, SEE DETAILS C/TA6.2 & D/TA6.2
11. NEW PLASTIC LAMINATE LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN CLASSROOMS-S126 & S-128, SEE DETAIL B/TA6.0B
12. NEW WINDOW FROM 42" A.F.F. TO DOOR HEAD HEIGHT AT A/V BOOTH ROOM, SEE DETAIL H/TA6.2
13. PROVIDE TACTILE "EXIT" SIGN AT DOOR, SEE DETAIL T/TA5.0
14. PROVIDE TACTILE "EXIT ROUTE" SIGN AT DOOR, SEE DETAIL U/TA5.0
15. NEW PLASTIC LAMINATE UPPER AND LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN STAFF LOUNGE-N206. SEE DETAIL H/TA6.0B
16. EXISTING WINDOW COVERING TO REMAIN THROUGHOUT, CLEAN / REPAIR AS REQUIRED.
17. NEW TEMPERED GLASS FROM FLOOR TO DOOR HEAD HEIGHT IN PRE-FINISHED BLACK "TIMELY" C-SERIES FRAMES AT DIR. OFFICE-S211, SEE DETAIL D/TA6.2
18. EXISTING SEMI-RECESSED FIRE EXTINGUISHER CABINETS TO REMAIN OR RELOCATE AS REQUIRED AND TO BE INSPECTED FOR COMPLIANCE
19. BUILT-IN EXISTING MAIN LOBBY RECEPTION DESK TO BE MODIFIED, SEE DETAIL H/TA6.0A
20. PROVIDE BACKING IN WALL FOR WALL MOUNTED FLAT SCREEN TELEVISION. CONTRACTOR TO VERIFY WITH TENANT FOR EXACT LOCATION.
21. EXISTING CASEWORK AND HOOD PANELING WITH REVEALS TO REMAIN, UNLESS NOTED OTHERWISE.
22. EXISTING BANQUETTE AND HOOD PANELED CASEWORK TO REMAIN, UNLESS NOTED OTHERWISE.
23. CONTRACTOR TO VERIFY THAT EXISTING PARTITION AND COLUMN FURRING IN ONE-HOUR RATED CORRIDOR ARE CONSTRUCTED TO THE UNDERSIDE OF STRUCTURE ABOVE AND MODIFY AS REQUIRED PER DETAIL K/TA6.1
24. PROVIDE ALTERNATE PRICING TO SALVAGE AND RE-USE ALL EXISTING RESTROOM FAUCETS, COUNTER-MOUNTED SOAP DISPENSERS, PAPER TOWEL DISPENSERS/RECEPTACLES, FEMININE NAPKIN VENDORS/RECEPTACLES, GRAB BARS AND TOILET TISSUE DISPENSERS. MIRRORS ARE TO BE RE-USED AT ALL EXISTING RESTROOMS
25. PROVIDE METAL J-MOLD AT TOP EDGE OF EXISTING GYP. BD. COLUMN FURRING THROUGHOUT EXPOSED STRUCTURE (NO FINISH CEILING) AREAS. PAINT METAL J-MOLD TO MATCH GYP. BD.

WALL LEGEND

- ### — DOOR IDENTIFICATION, REFER TO DOOR SCHEDULE SHEET TA5.0 & TA5.1
- CR — DOOR CARD READER, CARD KEY ACCESS CONTROL DEVICE (E.G. TO COORDINATE CONDUIT REQUIREMENTS FOR CARD READER SYSTEM WITH TENANT) PROVIDE ALL REQUIRED INFRASTRUCTURE. SEE DOOR SCHEDULE SHEET TA5.0 & TA5.1 FOR ADDITIONAL INFORMATION
- F.E.C. — EXISTING RECESSED FIRE EXTINGUISHER CABINET (RELOCATE AS REQUIRED)
- (E.) — EXISTING TO REMAIN
- INACTIVE DOOR LEAF
- ACTIVE DOOR LEAF
- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING SHELL, INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING BUILDING SHAFTS TO REMAIN.
- FURNITURE PARTITION SYSTEM BY TENANT. CONTRACTOR TO PROVIDE HARDWIRE HOOK-UP FOR ELEC./ TELE/ DATA, TYPICAL
- NEW FULL-HEIGHT SOUND PARTITION - ⅝" TYPE "X" GYP. BD. EACH SIDE OF 3 ⅝" X 20 GA. METAL STUDS FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH R-13 SOUND ATTENUATION BATT INSULATION — G/TA6.1, K/TA6.1
- NEW PARTITION - ⅝" TYPE "X" GYP. BD. EACH SIDE OF 3 ⅝" X 20 GA. METAL STUD FROM FINISH FLOOR TO 12" ABOVE ADJACENT CEILING WITH R-13 SOUND ATTENUATION BATT INSULATION — J/TA6.1
- NEW FULL-HEIGHT SOUND CONTROL PARTITION FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH TWO LAYERS OF ⅝" TYPE "X" GYP. BD. EACH SIDE OF 3⅝" X 20 GAUGE METAL STUDS AND R-13 SOUND ATTENUATION BATT INSULATION — M/TA6.1
- NEW FULL-HEIGHT PERIMETER TOILET PARTITION 3⅝" X 20 GA. METAL STUDS @ 24" O.C. — L/TA6.1
- NEW INTERIOR CEILING-HEIGHT TOILET PARTITION 3⅝" X 20 GA. METAL STUDS @ 24" O.C. — N/TA6.1
- NEW LOW PARTITION WITH TUBE STEEL SUPPORTS — P/TA6.1



KEY PLAN

pk:a
pk:architecture
5126 clareton drive, suite 110
agoura hills, california 91301
v 818 597 1005 7 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

2nd FLOOR PARTITION PLAN - SOUTH WING

drawn by

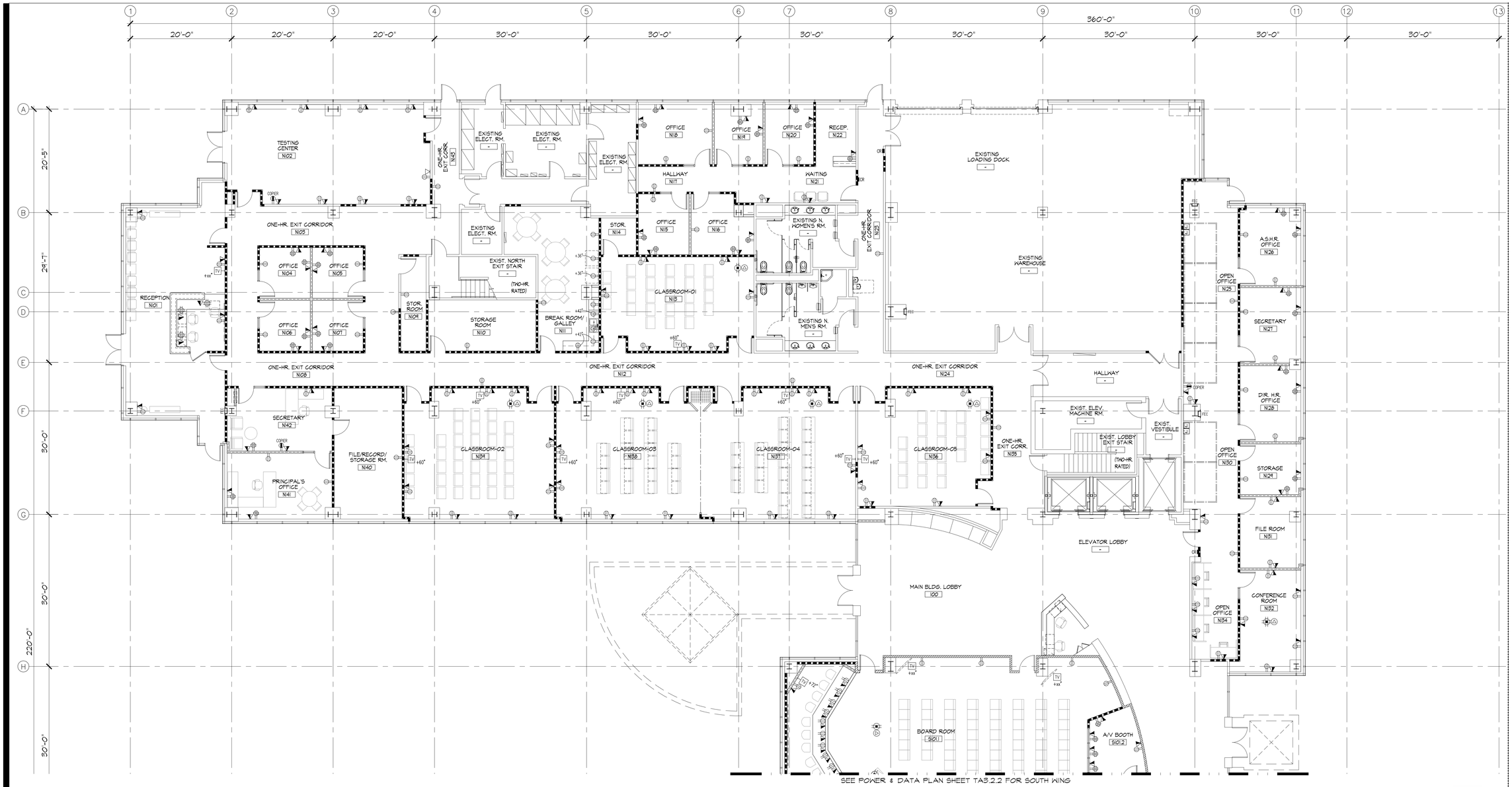
project no 18-66.60

date

scale

TA3.1.4

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA3.2.1-TA3.2.2-1st Flr PowerData Plan.dwg, 2/21/2020 2:47:40 PM, DWG To PDF.p



SEE POWER & DATA PLAN SHEET TA3.2.2 FOR SOUTH WING

1st FLOOR POWER/DATA PLAN - NORTH WING

SCALE: 1/8" = 1'-0"

NORTH

POWER / DATA PLAN GENERAL NOTES

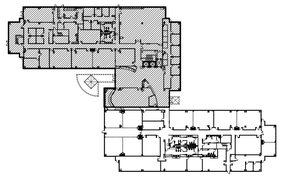
1. ALL POWER OUTLETS ARE 120V UNLESS NOTED OTHERWISE; ALL ETHERNET CABLES TO BE CAT6a.
2. CONTRACTOR TO VERIFY AND CONFIRM WITH TENANT THE FINAL LOCATIONS AND QUANTITY OF ALL ELECTRICAL REQUIREMENTS.
3. LOCATE ELEC. OUTLETS PER A.D.A. REQ'TS.
4. ALL J-BOX AND FLOOR MONUMENT LOCATIONS TO BE VERIFIED WITH TENANT AND/OR TENANT'S FURNITURE VENDOR.
5. ALL ELECTRICAL TO BE ISOLATED AND GROUNDED.
6. ALL NEW OUTLET BOXES TO BE PROVIDED PER DETAIL F / TA6.2
7. ELEC. / TELE/ DATA OUTLETS SHOWN ARE NEW; RE-USE EXISTING WHEREVER POSSIBLE.

POWER / DATA KEY NOTES

1. VERIFY WITH TENANT VENDOR REGARDING SECURITY ACCESS AT NEW DOORS INDICATED.
2. CONFIRM WITH TENANT'S VENDOR REGARDING SECURITY ACCESS AT ALL EXISTING STAIRWAY DOORS TO SUITE.
3. FINAL APPROVAL OF FLOOR CORE LOCATIONS TO BE VERIFIED/APPROVED BY TENANT/FURNITURE VENDOR PRIOR TO CORING, NO EXCEPTIONS.

POWER / DATA LEGEND

- BLDG. STD. WALL MOUNTED DUPLEX ELECTRICAL OUTLET @ 18" A.F.F., U.N.O.
- BLDG. STD. WALL MOUNTED FOURPLEX ELECTRICAL OUTLET AT 18" A.F.F., U.N.O.
- WALL MOUNTED DEDICATED DUPLEX ELECTRICAL OUTLET @ 18" A.F.F., U.N.O.
- BLDG. STD. WALL MOUNTED DUPLEX TELE. / DATA OUTLET @ 18" A.F.F., U.N.O. (PROVIDE 3/4"ø CONDUIT STUBBED TO ABOVE CEILING WITH FULL STRING) TYPICAL, U.N.O.
- BLDG. STD. IN-CEILING DATA OUTLET
- BLDG. STD. FLOOR MOUNTED FLUSH DATA/TELEPHONE OUTLET WITH WITH 3/4" CONDUIT, U.N.O.
- BLDG. STD. FLOOR MOUNTED FLUSH FOUR-PLEX ELECTRICAL OUTLET
- BLDG. STD. FLOOR MOUNTED FLUSH DUPLEX ELECTRICAL OUTLET
- TV — RECESSED AUDIO VISUAL BOX WITH ELECTRICAL AND DATA CONNECTIONS FOR TELEVISION MONITOR
- J J — WALL MOUNTED JUNCTION BOXES FOR CONNECTION OF ELECTRICAL POWER AND HARDWIRE OFF TELE./DATA TO TENANT'S FURNITURE PARTITION SYSTEM. CONDUIT SIZE TO BE DETERMINED AND EXACT LOCATIONS TO BE VERIFIED WITH TENANT AND TENANT'S FURNITURE VENDOR. CONTRACTOR TO VERIFY LOCATIONS OF EXISTING JUNCTION BOXES AND RE-USE WHEREVER POSSIBLE.
- J J — FLUSH FLOOR MOUNTED JUNCTION BOXES FOR CONNECTION OF ELECTRICAL POWER AND HARDWIRE OFF TELE./DATA TO TENANT'S FURNITURE PARTITION SYSTEM. CONDUIT SIZE TO BE DETERMINED AND EXACT LOCATIONS TO BE VERIFIED WITH TENANT AND TENANT'S FURNITURE VENDOR. CONTRACTOR TO VERIFY LOCATIONS OF EXISTING JUNCTION BOXES AND RE-USE WHEREVER POSSIBLE.
- CR — DOOR CARD READER, CARD KEY ACCESS CONTROL DEVICE (G.C. TO COORDINATE CONDUIT REQUIREMENTS FOR CARD READER SYSTEM WITH TENANT) PROVIDE ALL REQUIRED INFRASTRUCTURE. SEE DOOR SCHEDULE SHEET TA5.0 & TA5.1 FOR ADDITIONAL INFORMATION



KEY PLAN

pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818 597 1005 7 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

1st FLOOR POWER/DATA PLAN - NORTH WING

drawn by

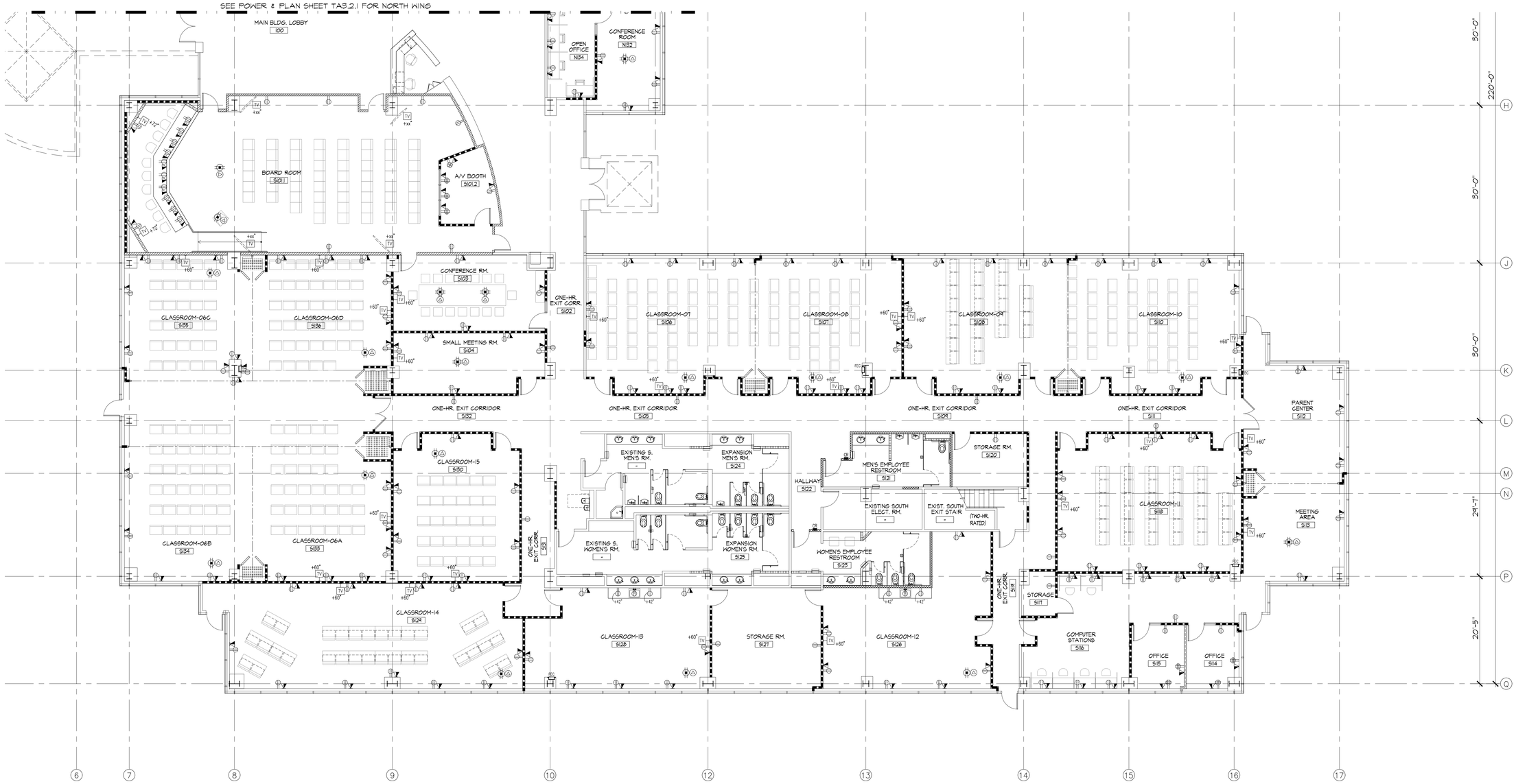
project no 18-66.60

date

scale

TA3.2.1

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA3.2.1-TA3.2.2-1st Flr PowerData Plan.dwg, 2/21/2020 2:48:30 PM, DWG To PDF.p



1st FLOOR POWER/DATA PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"

NORTH

POWER / DATA PLAN GENERAL NOTES

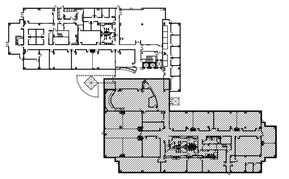
1. ALL POWER OUTLETS ARE 120V UNLESS NOTED OTHERWISE; ALL ETHERNET CABLES TO BE CAT6a.
2. CONTRACTOR TO VERIFY AND CONFIRM WITH TENANT THE FINAL LOCATIONS AND QUANTITY OF ALL ELECTRICAL REQUIREMENTS.
3. LOCATE ELEC. OUTLETS PER A.D.A. REQ'TS.
4. ALL J-BOX AND FLOOR MONUMENT LOCATIONS TO BE VERIFIED WITH TENANT AND/OR TENANT'S FURNITURE VENDOR.
5. ALL ELECTRICAL TO BE ISOLATED AND GROUNDED.
6. ALL NEW OUTLET BOXES TO BE PROVIDED PER DETAIL F/TA6.2
7. ELEC. / TELE/ DATA OUTLETS SHOWN ARE NEW; RE-USE EXISTING WHEREVER POSSIBLE.

POWER / DATA KEY NOTES

1. VERIFY WITH TENANT VENDOR REGARDING SEGURITY ACCESS AT NEW DOORS INDICATED.
2. CONFIRM WITH TENANT'S VENDOR REGARDING SEGURITY ACCESS AT ALL EXISTING STAIRWAY DOORS TO SUITE.
3. FINAL APPROVAL OF FLOOR CORE LOCATIONS TO BE VERIFIED/APPROVED BY TENANT/FURNITURE VENDOR PRIOR TO CORING, NO EXCEPTIONS.

POWER / DATA LEGEND

- BLDG. STD. WALL MOUNTED DUPLEX ELECTRICAL OUTLET @ 18" A.F.F., U.N.O.
- BLDG. STD. WALL MOUNTED FOURPLEX ELECTRICAL OUTLET AT 18" A.F.F., U.N.O.
- WALL MOUNTED DEDICATED DUPLEX ELECTRICAL OUTLET @ 18" A.F.F., U.N.O.
- BLDG. STD. WALL MOUNTED DUPLEX TELE. / DATA OUTLET @ 18" A.F.F., U.N.O. (PROVIDE 3/4"ø CONDUIT STUBBED TO ABOVE CEILING WITH PULL STRING) TYPICAL, U.N.O.
- BLDG. STD. IN-CEILING DATA OUTLET
- BLDG. STD. FLOOR MOUNTED FLUSH DATA/TELEPHONE OUTLET WITH WITH 3/4" CONDUIT, U.N.O.
- BLDG. STD. FLOOR MOUNTED FLUSH FOUR-PLEX ELECTRICAL OUTLET
- BLDG. STD. FLOOR MOUNTED FLUSH DUPLEX ELECTRICAL OUTLET
- TV — RECESSED AUDIO VISUAL BOX WITH ELECTRICAL AND DATA CONNECTIONS FOR TELEVISION MONITOR
- J J — WALL MOUNTED JUNCTION BOXES FOR CONNECTION OF ELECTRICAL POWER AND HARDWIRE OF TELE./DATA TO TENANT'S FURNITURE PARTITION SYSTEM. CONDUIT SIZE TO BE DETERMINED AND EXACT LOCATIONS TO BE VERIFIED WITH TENANT AND TENANT'S FURNITURE VENDOR. CONTRACTOR TO VERIFY LOCATIONS OF EXISTING JUNCTION BOXES AND RE-USE WHEREVER POSSIBLE.
- J J — FLUSH FLOOR MOUNTED JUNCTION BOXES FOR CONNECTION OF ELECTRICAL POWER AND HARDWIRE OF TELE./DATA TO TENANT'S FURNITURE PARTITION SYSTEM. CONDUIT SIZE TO BE DETERMINED AND EXACT LOCATIONS TO BE VERIFIED WITH TENANT AND TENANT'S FURNITURE VENDOR. CONTRACTOR TO VERIFY LOCATIONS OF EXISTING JUNCTION BOXES AND RE-USE WHEREVER POSSIBLE.
- CR — DOOR CARD READER, CARD KEY ACCESS CONTROL DEVICE (G.C. TO COORDINATE CONDUIT REQUIREMENTS FOR CARD READER SYSTEM WITH TENANT) PROVIDE ALL REQUIRED INFRASTRUCTURE. SEE DOOR SCHEDULE SHEET TA5.0 & TA5.1 FOR ADDITIONAL INFORMATION



KEY PLAN

pk:architecture
5126 clareton drive : suite 110
agoura hills, california 91301
v 818.597.1000 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

1st FLOOR POWER/DATA PLAN - SOUTH WING

drawn by

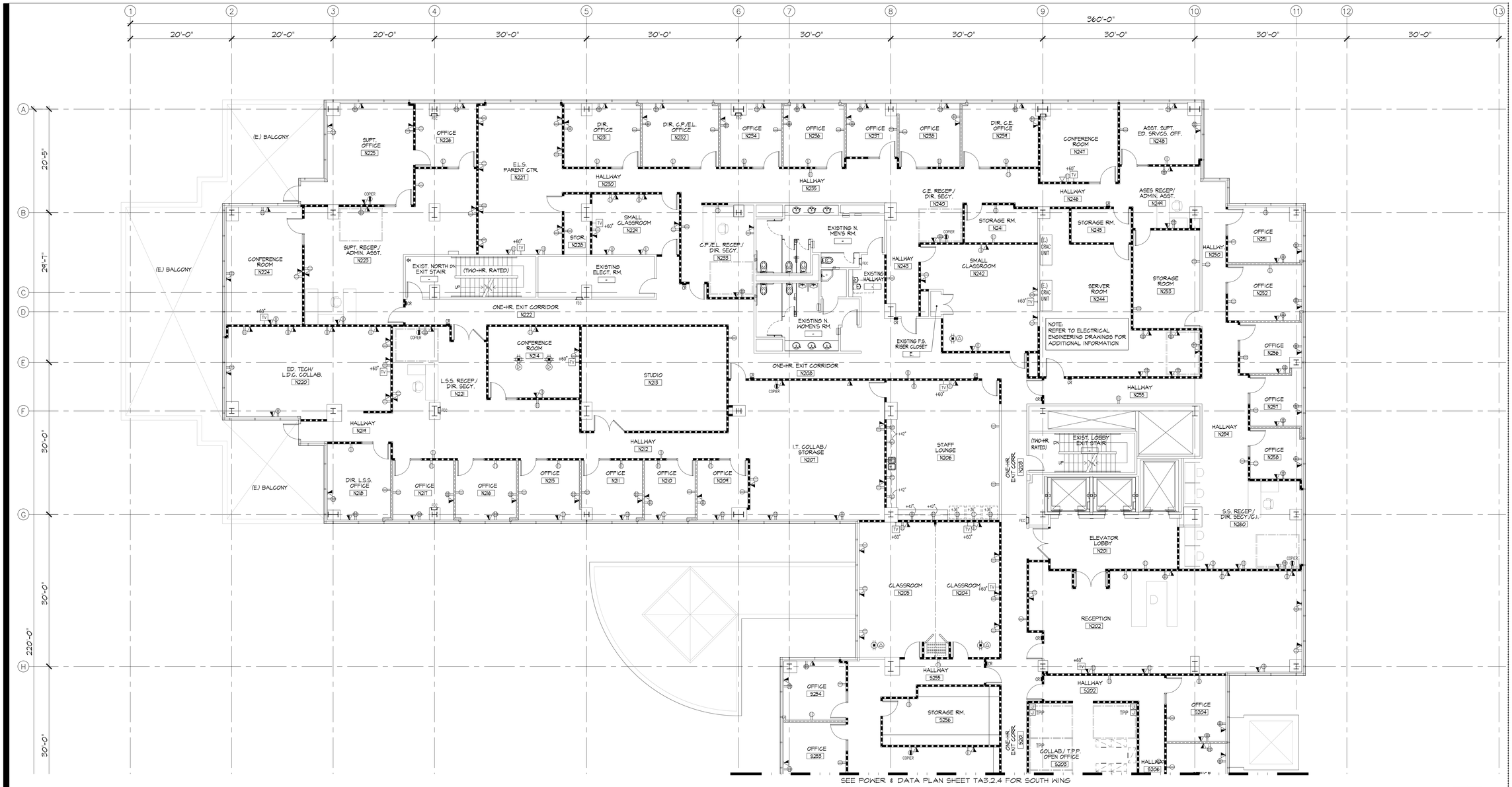
project no 18-66.60

date

scale

TA3.2.2

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA3.2.3-TA3.2.4-2nd Flr PowerData Plan.dwg, 2/21/2020 2:58:52 PM, DWG To PDF.p



2nd FLOOR POWER/DATA PLAN - NORTH WING

SCALE: 1/8" = 1'-0"

NORTH

POWER / DATA PLAN GENERAL NOTES

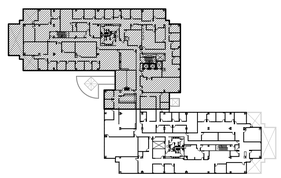
1. ALL POWER OUTLETS ARE 120V UNLESS NOTED OTHERWISE; ALL ETHERNET CABLES TO BE CAT6a.
2. CONTRACTOR TO VERIFY AND CONFIRM WITH TENANT THE FINAL LOCATIONS AND QUANTITY OF ALL ELECTRICAL REQUIREMENTS.
3. LOCATE ELEC. OUTLETS PER A.D.A. REQTS.
4. ALL J-BOX AND FLOOR MONUMENT LOCATIONS TO BE VERIFIED WITH TENANT AND/OR TENANT'S FURNITURE VENDOR.
5. ALL ELECTRICAL TO BE ISOLATED AND GROUNDED.
6. ALL NEW OUTLET BOXES TO BE PROVIDED PER DETAIL F/TA6.2
7. ELEC. / TELE/ DATA OUTLETS SHOWN ARE NEW; RE-USE EXISTING WHEREVER POSSIBLE.

POWER / DATA KEY NOTES

1. VERIFY WITH TENANT VENDOR REGARDING SECURITY ACCESS AT NEW DOORS INDICATED.
2. CONFIRM WITH TENANT'S VENDOR REGARDING SECURITY ACCESS AT ALL EXISTING STAIRWAY DOORS TO SUITE.
3. FINAL APPROVAL OF FLOOR CORE LOCATIONS TO BE VERIFIED/APPROVED BY TENANT/FURNITURE VENDOR PRIOR TO CORING, NO EXCEPTIONS.

POWER / DATA LEGEND

- BLDG. STD. WALL MOUNTED DUPLEX ELECTRICAL OUTLET @ 18" A.F.F., U.N.O.
- BLDG. STD. WALL MOUNTED FOURPLEX ELECTRICAL OUTLET AT 18" A.F.F., U.N.O.
- WALL MOUNTED DEDICATED DUPLEX ELECTRICAL OUTLET @ 18" A.F.F., U.N.O.
- BLDG. STD. WALL MOUNTED DUPLEX TELE. / DATA OUTLET @ 18" A.F.F., U.N.O. (PROVIDE 3/4"ø CONDUIT STUBBED TO ABOVE CEILING WITH PULL STRING) TYPICAL, U.N.O.
- BLDG. STD. IN-CEILING DATA OUTLET
- BLDG. STD. FLOOR MOUNTED FLUSH DATA/TELEPHONE OUTLET WITH WITH 3/4" CONDUIT, U.N.O.
- BLDG. STD. FLOOR MOUNTED FLUSH FOUR-PLEX ELECTRICAL OUTLET
- BLDG. STD. FLOOR MOUNTED FLUSH DUPLEX ELECTRICAL OUTLET
- TV — RECESSED AUDIO VISUAL BOX WITH ELECTRICAL AND DATA CONNECTIONS FOR TELEVISION MONITOR
- J J — WALL MOUNTED JUNCTION BOXES FOR CONNECTION OF ELECTRICAL POWER AND HARDWIRE OF TELE./DATA TO TENANT'S FURNITURE PARTITION SYSTEM. CONDUIT SIZE TO BE DETERMINED AND EXACT LOCATIONS TO BE VERIFIED WITH TENANT AND TENANT'S FURNITURE VENDOR. CONTRACTOR TO VERIFY LOCATIONS OF EXISTING JUNCTION BOXES AND RE-USE WHEREVER POSSIBLE.
- J J — FLUSH FLOOR MOUNTED JUNCTION BOXES FOR CONNECTION OF ELECTRICAL POWER AND HARDWIRE OF TELE./DATA TO TENANT'S FURNITURE PARTITION SYSTEM. CONDUIT SIZE TO BE DETERMINED AND EXACT LOCATIONS TO BE VERIFIED WITH TENANT AND TENANT'S FURNITURE VENDOR. CONTRACTOR TO VERIFY LOCATIONS OF EXISTING JUNCTION BOXES AND RE-USE WHEREVER POSSIBLE.
- CR — DOOR CARD READER, CARD KEY ACCESS CONTROL DEVICE (G.C. TO COORDINATE CONDUIT REQUIREMENTS FOR CARD READER SYSTEM WITH TENANT) PROVIDE ALL REQUIRED INFRASTRUCTURE. SEE DOOR SCHEDULE SHEET TA5.0 & TA5.1 FOR ADDITIONAL INFORMATION



KEY PLAN

pk:a pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818 597 1005 7 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

2nd FLOOR POWER/DATA PLAN - NORTH WING

drawn by

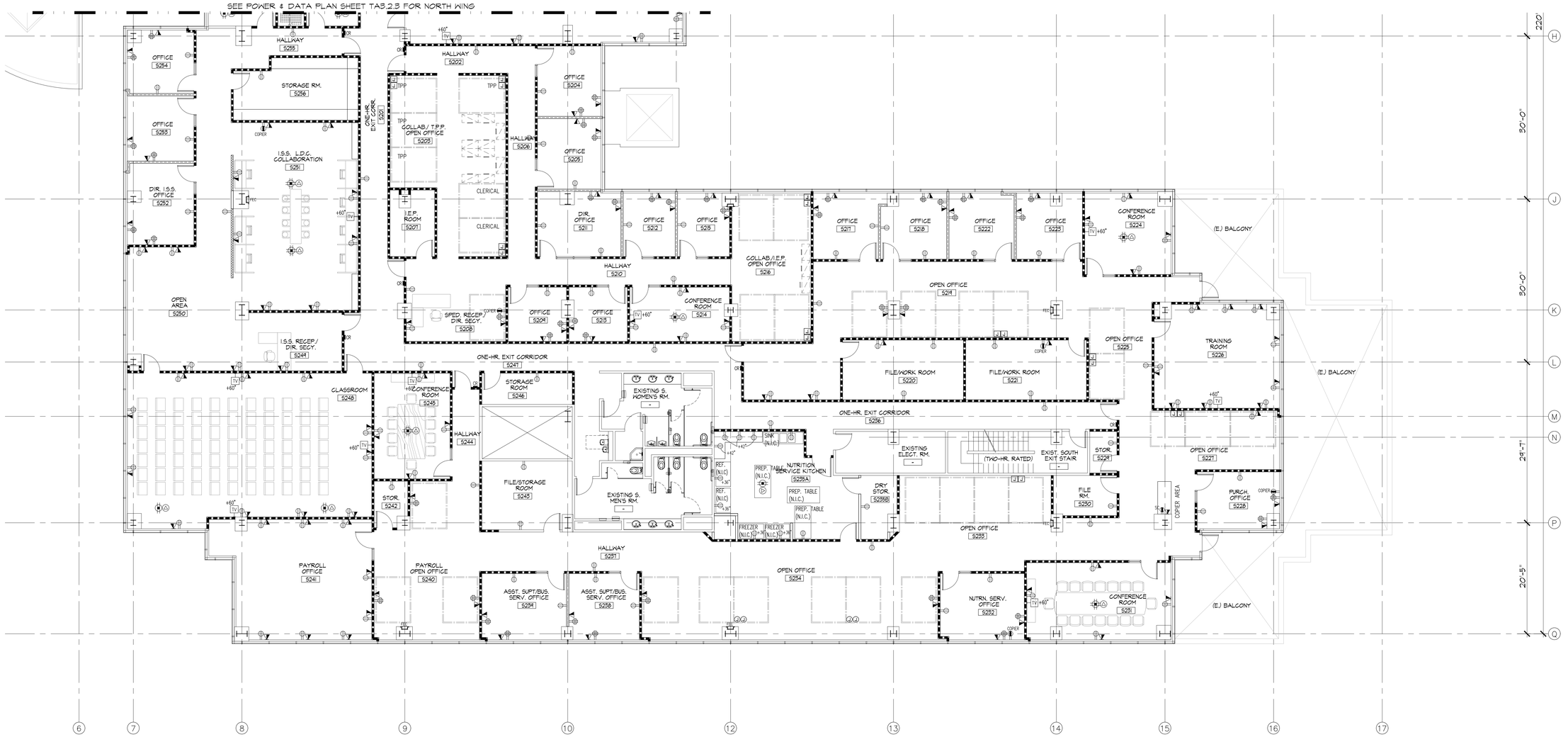
project no 18-66.60

date

scale

TA3.2.3

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA3.2.3-TA3.2.4-2nd Flr PowerData Plan.dwg, 2/21/2020 2:59:46 PM, DWG To PDF.p



2nd FLOOR POWER/DATA PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"

NORTH

POWER / DATA PLAN GENERAL NOTES

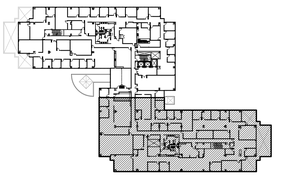
1. ALL POWER OUTLETS ARE 120V UNLESS NOTED OTHERWISE; ALL ETHERNET CABLES TO BE CAT6a.
2. CONTRACTOR TO VERIFY AND CONFIRM WITH TENANT THE FINAL LOCATIONS AND QUANTITY OF ALL ELECTRICAL REQUIREMENTS.
3. LOCATE ELEC. OUTLETS PER A.D.A. REQ'TS.
4. ALL J-BOX AND FLOOR MONUMENT LOCATIONS TO BE VERIFIED WITH TENANT AND/OR TENANT'S FURNITURE VENDOR.
5. ALL ELECTRICAL TO BE ISOLATED AND GROUNDED.
6. ALL NEW OUTLET BOXES TO BE PROVIDED PER DETAIL F / TA6.2
7. ELEC. / TELE/ DATA OUTLETS SHOWN ARE NEW/ RE-USE EXISTING WHEREVER POSSIBLE.

POWER / DATA KEY NOTES

1. VERIFY WITH TENANT VENDOR REGARDING SECURITY ACCESS AT NEW DOORS INDICATED.
2. CONFIRM WITH TENANT'S VENDOR REGARDING SECURITY ACCESS AT ALL EXISTING STAIRWAY DOORS TO SUITE.
3. FINAL APPROVAL OF FLOOR CORE LOCATIONS TO BE VERIFIED/APPROVED BY TENANT/FURNITURE VENDOR PRIOR TO CORING, NO EXCEPTIONS.

POWER / DATA LEGEND

- BLDG. STD. WALL MOUNTED DUPLEX ELECTRICAL OUTLET @ 18" A.F.F., U.N.O.
- BLDG. STD. WALL MOUNTED FOURPLEX ELECTRICAL OUTLET AT 18" A.F.F., U.N.O.
- WALL MOUNTED DEDICATED DUPLEX ELECTRICAL OUTLET @ 18" A.F.F., U.N.O.
- BLDG. STD. WALL MOUNTED DUPLEX TELE. / DATA OUTLET @ 18" A.F.F., U.N.O. (PROVIDE 3/4"ø CONDUIT STUBBED TO ABOVE CEILING WITH FULL STRING) TYPICAL, U.N.O.
- BLDG. STD. IN-CEILING DATA OUTLET
- BLDG. STD. FLOOR MOUNTED FLUSH DATA/TELEPHONE OUTLET WITH WITH 3/4" CONDUIT, U.N.O.
- BLDG. STD. FLOOR MOUNTED FLUSH FOUR-PLEX ELECTRICAL OUTLET
- BLDG. STD. FLOOR MOUNTED FLUSH DUPLEX ELECTRICAL OUTLET
- TV — RECESSED AUDIO VISUAL BOX WITH ELECTRICAL AND DATA CONNECTIONS FOR TELEVISION MONITOR
- J J — WALL MOUNTED JUNCTION BOXES FOR CONNECTION OF ELECTRICAL POWER AND HARDWIRE OF TELE./DATA TO TENANT'S FURNITURE PARTITION SYSTEM. CONDUIT SIZE TO BE DETERMINED AND EXACT LOCATIONS TO BE VERIFIED WITH TENANT AND TENANT'S FURNITURE VENDOR. CONTRACTOR TO VERIFY LOCATIONS OF EXISTING JUNCTION BOXES AND RE-USE WHEREVER POSSIBLE.
- J J — FLUSH FLOOR MOUNTED JUNCTION BOXES FOR CONNECTION OF ELECTRICAL POWER AND HARDWIRE OFF TELE./DATA TO TENANT'S FURNITURE PARTITION SYSTEM. CONDUIT SIZE TO BE DETERMINED AND EXACT LOCATIONS TO BE VERIFIED WITH TENANT AND TENANT'S FURNITURE VENDOR. CONTRACTOR TO VERIFY LOCATIONS OF EXISTING JUNCTION BOXES AND RE-USE WHEREVER POSSIBLE.
- CR — DOOR CARD READER, CARD KEY ACCESS CONTROL DEVICE (G.C. TO COORDINATE CONDUIT REQUIREMENTS FOR CARD READER SYSTEM WITH TENANT) PROVIDE ALL REQUIRED INFRASTRUCTURE
  SEE DOOR SCHEDULE SHEET TA5.0 & TA5.1 FOR ADDITIONAL INFORMATION



KEY PLAN

pk:a
pk:architecture
5126 clareton drive : suite 110
agoura hills, california 91301
v 818.597.1005 7 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

2nd FLOOR POWER/DATA PLAN - SOUTH WING

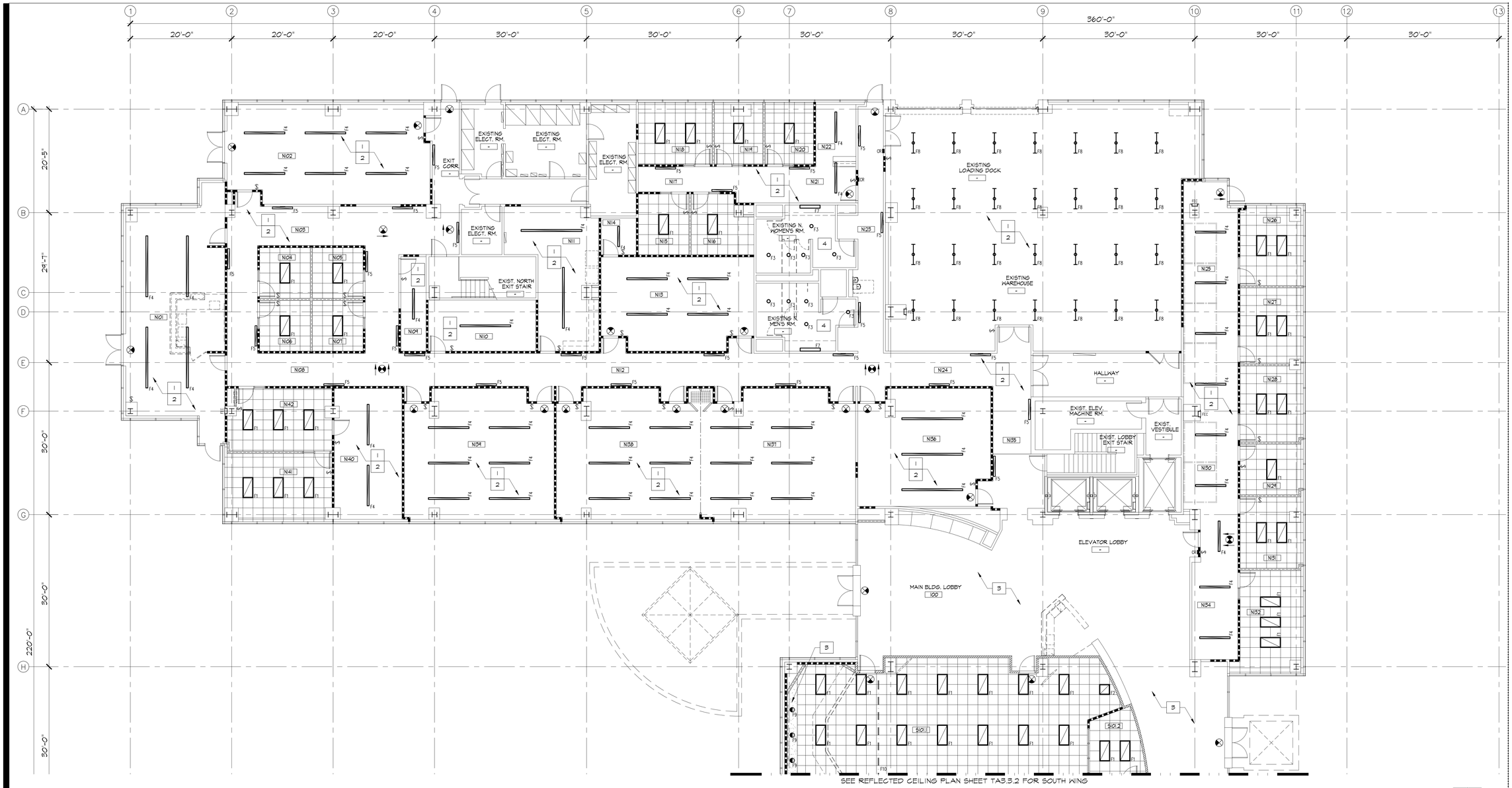
drawn by

project no 18-66.60

date

scale

TA3.2.4



1st FLOOR REFLECTED CEILING PLAN - NORTH WING

SCALE: 1/8" = 1'-0"

NORTH

CEILING PLAN NOTES

1. EXISTING CEILING AND LIGHTING TO BE REMOVED THROUGHOUT, UNLESS NOTED OTHERWISE.
2. EXISTING FIRE SPRINKLERS, MECHANICAL DISTRIBUTION, LIGHT SWITCHING, ETC... TO BE REWORKED AS REQUIRED FOR NEW LAYOUT.
3. CONTRACTOR TO VERIFY AND CONFIRM WITH ARCHITECT, ELECTRICAL'S LATEST TITLE 24 ENERGY REQUIREMENTS FOR LIGHTING AND CONTROLS.
4. PROVIDE EMERGENCY LIGHTING AS REQUIRED.
5. SEE MECHANICAL PLANS FOR SUPPLY AND RETURN AIR REGISTERS.
6. A HEAVY DUTY T-BAR GRID SYSTEM SHALL BE USED & SHALL COMPLY WITH SECTION 13.5.6 OF ASCE 7-10.
7. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN 2". ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE. THE OTHER END IN EACH HORIZONTAL DIRECTION SHALL HAVE A 3/4" CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE.
8. CEILING EXCEEDING 1,000 S.F. SHALL HAVE HORIZONTAL RESTRAINTS.
9. FOR CEILING AREAS EXCEEDING 2500 S.F., A SEISMIC SEPARATION JOINT OR FULL HEIGHT PARTITION THAT BREAKS THE CEILING INTO AREAS NOT EXCEEDING 2500 S.F. SHALL BE PROVIDED.
10. SPRINKLER HEADS SHALL BE SUPPORTED INDEPENDENTLY AND SHALL HAVE A 2" OVERSIZE RING.
11. SPECIAL SUSPENDED CEILING INSPECTION IS REQUIRED.
12. CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING.
13. SPRINKLER HEADS, RECESSED LIGHT FIXTURES, SPEAKERS, MISC. SENSOR, ETC...TO BE CENTERED IN 2'X2' PORTION OF CEILING TILES, WHERE OCCURS.
14. GENERAL CONTRACTOR TO COORDINATE WITH TENANT'S LOW VOLTAGE VENDOR.
15. COORDINATE WITH TENANT'S SECURITY VENDOR REGARDING ALL CEILING WORK, I.E. CAMERAS, ALARM, ETC...

CEILING PLAN KEY NOTES

1. EXISTING UNDERSIDE OF ALL EXPOSED FLOOR DECKING AND STRUCTURE ABOVE TO BE PAINTED (P-1) COLOR PER FINISH SCHEDULE. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
2. ALL SPRINKLER LINES TO BE PAINTED (P-7) COLOR PER FINISH SCHEDULE.
3. ALL SOFFITS/CEILINGS TO BE PAINTED (P-6) COLOR PER FINISH SCHEDULE, UNLESS NOTED OTHERWISE.
4. ALL RESTROOM CEILINGS TO BE PAINTED (P-5) COLOR PER FINISH SCHEDULE, UNLESS NOTED OTHERWISE.

CEILING LEGEND

2'-0" X 2'-0" SUSPENDED CEILING TILE/GRID SYSTEM. CEILING HEIGHT PER PLAN. SEE CEILING PLAN NOTES BELOW FOR ADDITIONAL INFORMATION.
MANUF.: ARMSTRONG
GRID: ARMSTRONG SILHOUETTE XL ¾" BOLT SLOT GRID WITH ¼" REVEAL GRID, WHITE
TILE: 2'-0" X 2'-0" ARMSTRONG DUNE TEGULAR OR APPROVED EQUIVALENT
NOTE: PROVIDE SEISMIC AND COMPRESSION POST AS REQUIRED TO MEET CURRENT CODE.
SEE DETAILS A/TA6 B/TA6 C/TA6 D/TA6 E/TA6 F/TA6

EXISTING UNDERSIDE OF ALL EXPOSED FLOOR DECKING AND STRUCTURE ABOVE TO BE PAINTED (P-1) COLOR PER FINISH SCHEDULE

5/8" TYPE 'X' PAINTED GYPSUM BOARD CEILING/SOFFIT.

$ LIGHT SWITCH (PROVIDE SENSOR SWITCH PER ELEC. DWGS.)

BLDG. STD. ILLUMINATED EXIT SIGN (DIRECTIONAL, AS SHOWN) EXACT QUANTITIES AND LOCATIONS TO BE CONFIRMED WITH THE FIRE MARSHALL

X'-0" CEILING OR SOFFIT HEIGHT INDICATOR ABOVE FIN. FLOOR

F1 (F1) 2'-0" X 4'-0" RECESSED L.E.D. LIGHT FIXTURE.
MFR: LITHONIA LIGHTING
SERIES: 2BLT4 BLT SERIES L.E.D.
DIFFUSER: SDP, SQUARE LINEAR PRISMS
COLOR TEMPERATURE: LP835, 82CRI, 3500K
NOTE: OR APPROVED EQUAL

F2 (F2) 2'-0" X 2'-0" RECESSED L.E.D. LIGHT FIXTURE.
MFR: LITHONIA LIGHTING
SERIES: 2BLT2 BLT SERIES L.E.D.
DIFFUSER: SDP, SQUARE LINEAR PRISMS
COLOR TEMPERATURE: LP835, 82CRI, 3500K
NOTE: OR APPROVED EQUAL

F3 (F3) 4" ROUND RECESSED L.E.D. DOWNLIGHT
MFR: ALPHABET
SERIES: NU4
COLOR TEMPERATURE: 35K 3500K, 83 83CRI
TRIM COLOR: WH WHITE
BEZEL COLOR: WH WHITE
NOTE: OR APPROVED EQUAL

F4 (F4) LINEAR INDIRECT/DIRECT L.E.D. PENDANT
MFR: FINELITE INC.
SERIES: HP-4 ID
LENGTH: (SEE PLAN)
L.E.D. CRI/CCT: 835-80 CRI MIN. 3500K
UPLIGHT OPTION: TG TOP GLOW
DOWNLIGHT OPTION: F FLUSH
NOTE: OR APPROVED EQUAL

F5 (F5) WALL MOUNTED INDIRECT/DIRECT L.E.D.
MFR: FINELITE INC.
SERIES: HP-4 WM ID
LENGTH: 4'
L.E.D. CRI/CCT: 835-80 CRI MIN. 3500K
UPLIGHT OPTION: TG TOP GLOW
DOWNLIGHT OPTION: F FLUSH
NOTE: OR APPROVED EQUAL

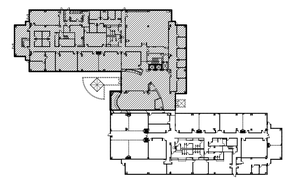
F6 (F6) L.E.D. PENDANT
MFR: DELRAY LIGHITNG
SERIES: KONES KLP31
LUMENS: 3-3000
FINISH: S-SILVER
LEDs: W35

F7 (F7) WALL MOUNT INDIRECT/DIRECT L.E.D.
MFR: FINELITE INC.
SERIES: SERIES 16 L.E.D. WM ID
LENGTH: 4'
L.E.D. CRI/CCT: 835-80 CRI MIN. 3500K
NOTE: OR APPROVED EQUAL

F8 (F8) L.E.D. STRIPLIGHT
MFR: LITHONIA LIGHTING
SERIES: LFIT
LENGTH: 48" L48
COLOR TEMP. : 5000K 50K
INSTALLATION: HANGER CHAIN
NOTE: OR APPROVED EQUAL

F9 (F9) L.E.D. WALL WASHER
MFR: (REFER TO ELEC. DWGS.)
SERIES:
LUMENS:
FINISH:
LEDs:

F10 (F10) "STUDIO" TRACK LIGHTING
MFR: (REFER TO ELEC. DWGS.)
SERIES:
LUMENS:
FINISH:
LEDs:



KEY PLAN

pk:a pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818.597.1000 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.13.19
	BID ISSUE	02.24.20

sheet title

1st FLOOR REFLECTED CEILING PLAN -NORTH WING

drawn by

project no 18-66.60

date

scale

TA3.3.1

1st FLOOR REFLECTED CEILING PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"

NORTH

CEILING PLAN NOTES

1. EXISTING CEILING AND LIGHTING TO BE REMOVED THROUGHOUT, UNLESS NOTED OTHERWISE.
2. EXISTING FIRE SPRINKLERS, MECHANICAL DISTRIBUTION, LIGHT SWITCHING, ETC... TO BE REWORKED AS REQUIRED FOR NEW LAYOUT.
3. CONTRACTOR TO VERIFY AND CONFIRM WITH ARCHITECT, ELECTRICAL'S LATEST TITLE 24 ENERGY REQUIREMENTS FOR LIGHTING AND CONTROLS.
4. PROVIDE EMERGENCY LIGHTING AS REQUIRED.
5. SEE MECHANICAL PLANS FOR SUPPLY AND RETURN AIR REGISTERS.
6. A HEAVY DUTY T-BAR GRID SYSTEM SHALL BE USED & SHALL COMPLY WITH SECTION 13.5.6 OF ASCE 7-10.
7. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN 2". ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE. THE OTHER END IN EACH HORIZONTAL DIRECTION SHALL HAVE A 3/4" CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE.
8. CEILING EXCEEDING 1,000 S.F. SHALL HAVE HORIZONTAL RESTRAINTS.
9. FOR CEILING AREAS EXCEEDING 2,500 S.F., A SEISMIC SEPARATION JOINT OR FULL HEIGHT PARTITION THAT BREAKS THE CEILING INTO AREAS NOT EXCEEDING 2,500 S.F. SHALL BE PROVIDED.
10. SPRINKLER HEADS SHALL BE SUPPORTED INDEPENDENTLY AND SHALL HAVE A 2" OVERSIZE RING.
11. SPECIAL SUSPENDED CEILING INSPECTION IS REQUIRED.
12. CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING.
13. SPRINKLER HEADS, RECESSED LIGHT FIXTURES, SPEAKERS, MISC. SENSOR, ETC...TO BE CENTERED IN 2'X2' PORTION OF CEILING TILES, WHERE OCCURS.
14. GENERAL CONTRACTOR TO COORDINATE WITH TENANT'S LOW VOLTAGE VENDOR.
15. COORDINATE WITH TENANT'S SECURITY VENDOR REGARDING ALL CEILING WORK, I.E. CAMERAS, ALARM, ETC...

CEILING PLAN KEY NOTES

1. EXISTING UNDERSIDE OF ALL EXPOSED FLOOR DECKING AND STRUCTURE ABOVE TO BE PAINTED (P-1) COLOR PER FINISH SCHEDULE. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
2. ALL SPRINKLER LINES TO BE PAINTED (P-7) COLOR PER FINISH SCHEDULE.
3. ALL SOFFITS/CEILINGS TO BE PAINTED (P-6) COLOR PER FINISH SCHEDULE, UNLESS NOTED OTHERWISE.
4. ALL RESTROOM CEILINGS TO BE PAINTED (P-5) COLOR PER FINISH SCHEDULE, UNLESS NOTED OTHERWISE.

CEILING LEGEND

2'-0" X 2'-0" SUSPENDED CEILING TILE/GRID SYSTEM, CEILING HEIGHT PER PLAN. SEE CEILING PLAN NOTES BELOW FOR ADDITIONAL INFORMATION.
MANUF.: ARMSTRONG
GRID: ARMSTRONG SILHOUETTE XL 9/16" BOLT SLOT GRID WITH 1/4" REVEAL GRID, WHITE
TILE: 2'-0" X 2'-0" ARMSTRONG DUNE TEGULAR OR APPROVED EQUIVALENT
NOTE: PROVIDE SEISMIC AND COMPRESSION POST AS REQUIRED TO MEET CURRENT CODE.
SEE DETAILS A/TA6.1 B/TA6.1 C/TA6.1 D/TA6.1 E/TA6.1 F/TA6.1

EXISTING UNDERSIDE OF ALL EXPOSED FLOOR DECKING AND STRUCTURE ABOVE TO BE PAINTED (P-1) COLOR PER FINISH SCHEDULE

5/8" TYPE "X" PAINTED GYPSUM BOARD CEILING/SOFFIT.

$ LIGHT SWITCH (PROVIDE SENSOR SWITCH PER ELEC. DWGS.)

BLDG. STD. ILLUMINATED EXIT SIGN (DIRECTIONAL, AS SHOWN) EXACT QUANTITIES AND LOCATIONS TO BE CONFIRMED WITH THE FIRE MARSHALL

X'-0" CEILING OR SOFFIT HEIGHT INDICATOR ABOVE FIN. FLOOR

F1 (F1) 2'-0" X 4'-0" RECESSED L.E.D. LIGHT FIXTURE.
MFR: LITHONIA LIGHTING
SERIES: 2BLT4 BLT SERIES L.E.D.
DIFFUSER: SDP, SQUARE LINEAR PRISMS
COLOR TEMPERATURE: LP835, 82CRI, 3500K
NOTE: OR APPROVED EQUAL

F2 (F2) 2'-0" X 2'-0" RECESSED L.E.D. LIGHT FIXTURE.
MFR: LITHONIA LIGHTING
SERIES: 2BLT2 BLT SERIES L.E.D.
DIFFUSER: SDP, SQUARE LINEAR PRISMS
COLOR TEMPERATURE: LP835, 82CRI, 3500K
NOTE: OR APPROVED EQUAL

F3 (F3) 4" ROUND RECESSED L.E.D. DOWNLIGHT
MFR: ALPHABET
SERIES: NU4
COLOR TEMPERATURE: 35K 3500K, 83 83CRI
TRIM COLOR: WH WHITE
BEZEL COLOR: WH WHITE
NOTE: OR APPROVED EQUAL

F4 (F4) LINEAR INDIRECT/DIRECT L.E.D. PENDANT
MFR: FINELITE INC.
SERIES: HP-4 ID
LENGTH: (SEE PLAN)
L.E.D. CRI/CCT: 835-80 CRI MIN. 3500K
UPLIGHT OPTION: TG TOP GLOW
DOWNLIGHT OPTION: F FLUSH
NOTE: OR APPROVED EQUAL

F5 (F5) WALL MOUNTED INDIRECT/DIRECT L.E.D.
MFR: FINELITE INC.
SERIES: HP-4 WM ID
LENGTH: 4'
L.E.D. CRI/CCT: 835-80 CRI MIN. 3500K
UPLIGHT OPTION: TG TOP GLOW
DOWNLIGHT OPTION: F FLUSH
NOTE: OR APPROVED EQUAL

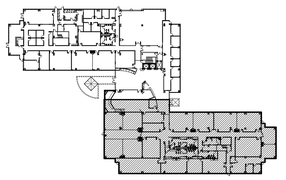
F6 (F6) L.E.D. PENDANT
MFR: DELRAY LIGHTING
SERIES: KONE3 KLP31
LUMENS: 3-3000
FINISH: S-SILVER
LEDs: W35

F7 (F7) WALL MOUNT INDIRECT/DIRECT L.E.D.
MFR: FINELITE INC.
SERIES: SERIES 16 L.E.D. WM ID
LENGTH: 4'
L.E.D. CRI/CCT: 835-80 CRI MIN. 3500K
NOTE: OR APPROVED EQUAL

F8 (F8) L.E.D. STRIPLIGHT
MFR: LITHONIA LIGHTING
SERIES: UFIT
LENGTH: 48" L48
COLOR TEMP.: 5000K 50K
INSTALLATION: HANGER CHAIN
NOTE: OR APPROVED EQUAL

F9 (F9) L.E.D. WALL WASHER
MFR: (REFER TO ELEC. DWGS.)
SERIES:
LUMENS:
FINISH:
LEDs:

F10 (F10) "STUDIO" TRACK LIGHTING
MFR: (REFER TO ELEC. DWGS.)
SERIES:
LUMENS:
FINISH:
LEDs:



KEY PLAN

pk:a pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818 597 1005 7 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

1st FLOOR REFLECTED CEILING PLAN -SOUTH WING

drawn by

project no 18-66.60

date

scale

TA3.3.2

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA3.3.3-TA3.3.4-2nd Flr Ref Clg Plan.dwg, 2/21/2020 2:37:43 PM, DWG To PDF.p

2nd FLOOR REFLECTED CEILING PLAN - NORTH WING

SCALE: 1/8" = 1'-0"

NORTH

CEILING PLAN NOTES

1. EXISTING CEILING AND LIGHTING TO BE REMOVED THROUGHOUT, UNLESS NOTED OTHERWISE.
2. EXISTING FIRE SPRINKLERS, MECHANICAL DISTRIBUTION, LIGHT SWITCHING, ETC... TO BE REWORKED AS REQUIRED FOR NEW LAYOUT.
3. CONTRACTOR TO VERIFY AND CONFIRM WITH ARCHITECT, ELECTRICAL'S LATEST TITLE 24 ENERGY REQUIREMENTS FOR LIGHTING AND CONTROLS.
4. PROVIDE EMERGENCY LIGHTING AS REQUIRED.
5. SEE MECHANICAL PLANS FOR SUPPLY AND RETURN AIR REGISTERS.
6. A HEAVY DUTY T-BAR GRID SYSTEM SHALL BE USED & SHALL COMPLY WITH SECTION 13.5.6 OF ASCE 7-10.
7. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN 2". ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE. THE OTHER END IN EACH HORIZONTAL DIRECTION SHALL HAVE A 3/4" CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE.
8. CEILING EXCEEDING 1,000 S.F. SHALL HAVE HORIZONTAL RESTRAINTS.
9. FOR CEILING AREAS EXCEEDING 2,500 S.F., A SEISMIC SEPARATION JOINT OR FULL HEIGHT PARTITION THAT BREAKS THE CEILING INTO AREAS NOT EXCEEDING 2,500 S.F. SHALL BE PROVIDED.
10. SPRINKLER HEADS SHALL BE SUPPORTED INDEPENDENTLY AND SHALL HAVE A 2" OVERSIZE RING.
11. SPECIAL SUSPENDED CEILING INSPECTION IS REQUIRED.
12. CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING.
13. SPRINKLER HEADS, RECESSED LIGHT FIXTURES, SPEAKERS, MISC. SENSOR, ETC...TO BE CENTERED IN 2'X2' PORTION OF CEILING TILES, WHERE OCCURS.
14. GENERAL CONTRACTOR TO COORDINATE WITH TENANT'S LOW VOLTAGE VENDOR.
15. COORDINATE WITH TENANT'S SECURITY VENDOR REGARDING ALL CEILING WORK, I.E. CAMERAS, ALARM, ETC...

CEILING PLAN KEY NOTES

1. EXISTING UNDERSIDE OF ALL EXPOSED FLOOR DECKING AND STRUCTURE ABOVE TO BE PAINTED (P-1) COLOR PER FINISH SCHEDULE. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
2. ALL SPRINKLER LINES TO BE PAINTED (P-7) COLOR PER FINISH SCHEDULE.
3. ALL SOFFITS/CEILINGS TO BE PAINTED (P-6) COLOR PER FINISH SCHEDULE, UNLESS NOTED OTHERWISE.
4. ALL RESTROOM CEILINGS TO BE PAINTED (P-5) COLOR PER FINISH SCHEDULE, UNLESS NOTED OTHERWISE.

CEILING LEGEND

2'-0" X 2'-0" SUSPENDED CEILING TILE/GRID SYSTEM, CEILING HEIGHT PER PLAN. SEE CEILING PLAN NOTES BELOW FOR ADDITIONAL INFORMATION.
MANUF.: ARMSTRONG
GRID: ARMSTRONG SILHOUETTE XL 9/16" BOLT SLOT GRID WITH 1/4" REVEAL GRID, WHITE
TILE: 2'-0" X 2'-0" ARMSTRONG DUNE TEGULAR OR APPROVED EQUIVALENT
NOTE: PROVIDE SEISMIC AND COMPRESSION POST AS REQUIRED TO MEET CURRENT CODE.
SEE DETAILS A/TA6 B/TA6 C/TA6 D/TA6 E/TA6 F/TA6

EXISTING UNDERSIDE OF ALL EXPOSED FLOOR DECKING AND STRUCTURE ABOVE TO BE PAINTED (P-1) COLOR PER FINISH SCHEDULE

5/8" TYPE "X" PAINTED GYPSUM BOARD CEILING/SOFFIT.

$ LIGHT SWITCH (PROVIDE SENSOR SWITCH PER ELEC. DWGS.)

BLDG. STD. ILLUMINATED EXIT SIGN (DIRECTIONAL, AS SHOWN) EXACT QUANTITIES AND LOCATIONS TO BE CONFIRMED WITH THE FIRE MARSHALL

X'-0" CEILING OR SOFFIT HEIGHT INDICATOR ABOVE FIN. FLOOR

F1 (F1) 2'-0" X 4'-0" RECESSED L.E.D. LIGHT FIXTURE.
MFR: LITHONIA LIGHTING
SERIES: 2BLT4 BLT SERIES L.E.D.
DIFFUSER: SDP, SQUARE LINEAR PRISMS
COLOR TEMPERATURE: LP835, 82CRI, 3500K
NOTE: OR APPROVED EQUAL

F2 (F2) 2'-0" X 2'-0" RECESSED L.E.D. LIGHT FIXTURE.
MFR: LITHONIA LIGHTING
SERIES: 2BLT2 BLT SERIES L.E.D.
DIFFUSER: SDP, SQUARE LINEAR PRISMS
COLOR TEMPERATURE: LP835, 82CRI, 3500K
NOTE: OR APPROVED EQUAL

F3 (F3) 4" ROUND RECESSED L.E.D. DOWNLIGHT
MFR: ALPHABET
SERIES: NU4
COLOR TEMPERATURE: 35K 3500K, 83 83CRI
TRIM COLOR: WH WHITE
BEZEL COLOR: WH WHITE
NOTE: OR APPROVED EQUAL

F4 (F4) LINEAR INDIRECT/DIRECT L.E.D. PENDANT
MFR: FINELITE INC.
SERIES: HP-4 ID
LENGTH: (SEE PLAN)
L.E.D. CRI/CGT: 835-80 CRI MIN. 3500K
UPLIGHT OPTION: TG TOP GLOW
DOWNLIGHT OPTION: F FLUSH
NOTE: OR APPROVED EQUAL

F5 (F5) WALL MOUNTED INDIRECT/DIRECT L.E.D.
MFR: FINELITE INC.
SERIES: HP-4 WM ID
LENGTH: 4'
L.E.D. CRI/CGT: 835-80 CRI MIN. 3500K
UPLIGHT OPTION: TG TOP GLOW
DOWNLIGHT OPTION: F FLUSH
NOTE: OR APPROVED EQUAL

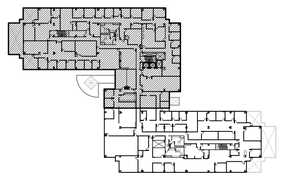
F6 (F6) L.E.D. PENDANT
MFR: DELRAY LIGHITNG
SERIES: KONER KLP31
LUMENS: 3-3000
FINISH: S-SILVER
LEDs: W35

F7 (F7) WALL MOUNT INDIRECT/DIRECT L.E.D.
MFR: FINELITE INC.
SERIES: SERIES 16 L.E.D. WM ID
LENGTH: 4'
L.E.D. CRI/CGT: 835-80 CRI MIN. 3500K
NOTE: OR APPROVED EQUAL

F8 (F8) L.E.D. STRIPLIGHT
MFR: LITHONIA LIGHTING
SERIES: LFIT
LENGTH: 48" L48
COLOR TEMP.: 5000K 50K
INSTALLATION: HANGER CHAIN
NOTE: OR APPROVED EQUAL

F9 (F9) L.E.D. WALL WASHER
MFR: (REFER TO ELEC. DWGS.)
SERIES:
LUMENS:
FINISH:
LEDs:

F10 (F10) "STUDIO" TRACK LIGHTING
MFR: (REFER TO ELEC. DWGS.)
SERIES:
LUMENS:
FINISH:
LEDs:



KEY PLAN

pk:a pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818.597.1000.7 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT	12.19.19
	BID ISSUE	02.24.20

sheet title

2nd FLOOR REFLECTED CEILING PLAN -NORTH WING

drawn by

project no 18-66.60

date

scale

TA3.3.3

2nd FLOOR REFLECTED CEILING PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"

NORTH

CEILING PLAN NOTES

1. EXISTING CEILING AND LIGHTING TO BE REMOVED THROUGHOUT, UNLESS NOTED OTHERWISE.
2. EXISTING FIRE SPRINKLERS, MECHANICAL DISTRIBUTION, LIGHT SWITCHING, ETC... TO BE REWORKED AS REQUIRED FOR NEW LAYOUT.
3. CONTRACTOR TO VERIFY AND CONFIRM WITH ARCHITECT, ELECTRICAL'S LATEST TITLE 24 ENERGY REQUIREMENTS FOR LIGHTING AND CONTROLS.
4. PROVIDE EMERGENCY LIGHTING AS REQUIRED.
5. SEE MECHANICAL PLANS FOR SUPPLY AND RETURN AIR REGISTERS.
6. A HEAVY DUTY T-BAR GRID SYSTEM SHALL BE USED & SHALL COMPLY WITH SECTION 13.5.6 OF ASCE 7-10.
7. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN 2". ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE. THE OTHER END IN EACH HORIZONTAL DIRECTION SHALL HAVE A 3/4" CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE.
8. CEILING EXCEEDING 1,000 S.F. SHALL HAVE HORIZONTAL RESTRAINTS.
9. FOR CEILING AREAS EXCEEDING 2,500 S.F., A SEISMIC SEPARATION JOINT OR FULL HEIGHT PARTITION THAT BREAKS THE CEILING INTO AREAS NOT EXCEEDING 2,500 S.F. SHALL BE PROVIDED.
10. SPRINKLER HEADS SHALL BE SUPPORTED INDEPENDENTLY AND SHALL HAVE A 2" OVERSIZE RING.
11. SPECIAL SUSPENDED CEILING INSPECTION IS REQUIRED.
12. CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING.
13. SPRINKLER HEADS, RECESSED LIGHT FIXTURES, SPEAKERS, MISC. SENSOR, ETC...TO BE CENTERED IN 2'X2' PORTION OF CEILING TILES, WHERE OCCURS.
14. GENERAL CONTRACTOR TO COORDINATE WITH TENANT'S LOW VOLTAGE VENDOR.
15. COORDINATE WITH TENANT'S SECURITY VENDOR REGARDING ALL CEILING WORK, I.E. CAMERAS, ALARM, ETC...

CEILING PLAN KEY NOTES

1. EXISTING UNDERSIDE OF ALL EXPOSED FLOOR DECKING AND STRUCTURE ABOVE TO BE PAINTED (P-1) COLOR PER FINISH SCHEDULE. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
2. ALL SPRINKLER LINES TO BE PAINTED (P-7) COLOR PER FINISH SCHEDULE.
3. ALL SOFFITS/CEILINGS TO BE PAINTED (P-6) COLOR PER FINISH SCHEDULE, UNLESS NOTED OTHERWISE.
4. ALL RESTROOM CEILINGS TO BE PAINTED (P-5) COLOR PER FINISH SCHEDULE, UNLESS NOTED OTHERWISE.

CEILING LEGEND

2'-0" X 2'-0" SUSPENDED CEILING TILE/GRID SYSTEM, CEILING HEIGHT PER PLAN. SEE CEILING PLAN NOTES BELOW FOR ADDITIONAL INFORMATION.
MANUF.: ARMSTRONG
GRID: ARMSTRONG SILHOUETTE XL 9/16" BOLT SLOT GRID WITH 1/4" REVEAL GRID, WHITE
TILE: 2'-0" X 2'-0" ARMSTRONG DUNE TEGULAR OR APPROVED EQUIVALENT
NOTE: PROVIDE SEISMIC AND COMPRESSION POST AS REQUIRED TO MEET CURRENT CODE.
SEE DETAILS A/TA6.1 B/TA6.1 C/TA6.1 D/TA6.1 E/TA6.1 F/TA6.1

EXISTING UNDERSIDE OF ALL EXPOSED FLOOR DECKING AND STRUCTURE ABOVE TO BE PAINTED (P-1) COLOR PER FINISH SCHEDULE

5/8" TYPE "X" PAINTED GYPSUM BOARD CEILING/SOFFIT.

$ LIGHT SWITCH (PROVIDE SENSOR SWITCH PER ELEC. DWGS.)

BLDG. STD. ILLUMINATED EXIT SIGN (DIRECTIONAL, AS SHOWN) EXACT QUANTITIES AND LOCATIONS TO BE CONFIRMED WITH THE FIRE MARSHALL

X'-0" CEILING OR SOFFIT HEIGHT INDICATOR ABOVE FIN. FLOOR

F1 (F1) 2'-0" X 4'-0" RECESSED L.E.D. LIGHT FIXTURE.
MFR: LITHONIA LIGHTING
SERIES: 2BLT4 BLT SERIES L.E.D.
DIFFUSER: SDP, SQUARE LINEAR PRISMS
COLOR TEMPERATURE: LP835, 82CRI, 3500K
NOTE: OR APPROVED EQUAL

F2 (F2) 2'-0" X 2'-0" RECESSED L.E.D. LIGHT FIXTURE.
MFR: LITHONIA LIGHTING
SERIES: 2BLT2 BLT SERIES L.E.D.
DIFFUSER: SDP, SQUARE LINEAR PRISMS
COLOR TEMPERATURE: LP835, 82CRI, 3500K
NOTE: OR APPROVED EQUAL

F3 (F3) 4" ROUND RECESSED L.E.D. DOWNLIGHT
MFR: ALPHABET
SERIES: NU4
COLOR TEMPERATURE: 35K 3500K, 83 83CRI
TRIM COLOR: WH WHITE
BEZEL COLOR: WH WHITE
NOTE: OR APPROVED EQUAL

F4 (F4) LINEAR INDIRECT/DIRECT L.E.D. PENDANT
MFR: FINELITE INC.
SERIES: HP-4 ID
LENGTH: (SEE PLAN)
L.E.D. CRI/CCT: 835-80 CRI MIN. 3500K
UPLIGHT OPTION: TG TOP GLOW
DOWNLIGHT OPTION: F FLUSH
NOTE: OR APPROVED EQUAL

F5 (F5) WALL MOUNTED INDIRECT/DIRECT L.E.D.
MFR: FINELITE INC.
SERIES: HP-4 WM ID
LENGTH: 4'
L.E.D. CRI/CCT: 835-80 CRI MIN. 3500K
UPLIGHT OPTION: TG TOP GLOW
DOWNLIGHT OPTION: F FLUSH
NOTE: OR APPROVED EQUAL

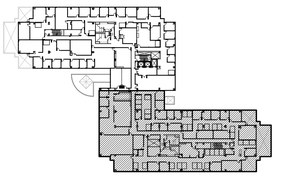
F6 (F6) L.E.D. PENDANT
MFR: DELRAY LIGHTING
SERIES: KONE3 KLP31
LUMENS: 3-3000
FINISH: S-SILVER
LEDs: W35

F7 (F7) WALL MOUNT INDIRECT/DIRECT L.E.D.
MFR: FINELITE INC.
SERIES: SERIES 16 L.E.D. WM ID
LENGTH: 4'
L.E.D. CRI/CCT: 835-80 CRI MIN. 3500K
NOTE: OR APPROVED EQUAL

F8 (F8) L.E.D. STRIPLIGHT
MFR: LITHONIA LIGHTING
SERIES: UFIT
LENGTH: 48" L48
COLOR TEMP.: 5000K 50K
INSTALLATION: HANGER CHAIN
NOTE: OR APPROVED EQUAL

F9 (F9) L.E.D. WALL WASHER
MFR: (REFER TO ELEC. DWGS.)
SERIES:
LUMENS:
FINISH:
LEDs:

F10 (F10) "STUDIO" TRACK LIGHTING
MFR: (REFER TO ELEC. DWGS.)
SERIES:
LUMENS:
FINISH:
LEDs:



KEY PLAN

pk:a pk:architecture
5126 clareton drive, suite 110
agoura hills, california 91301
v 818.597.1000 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

2nd FLOOR REFLECTED CEILING PLAN -SOUTH WING

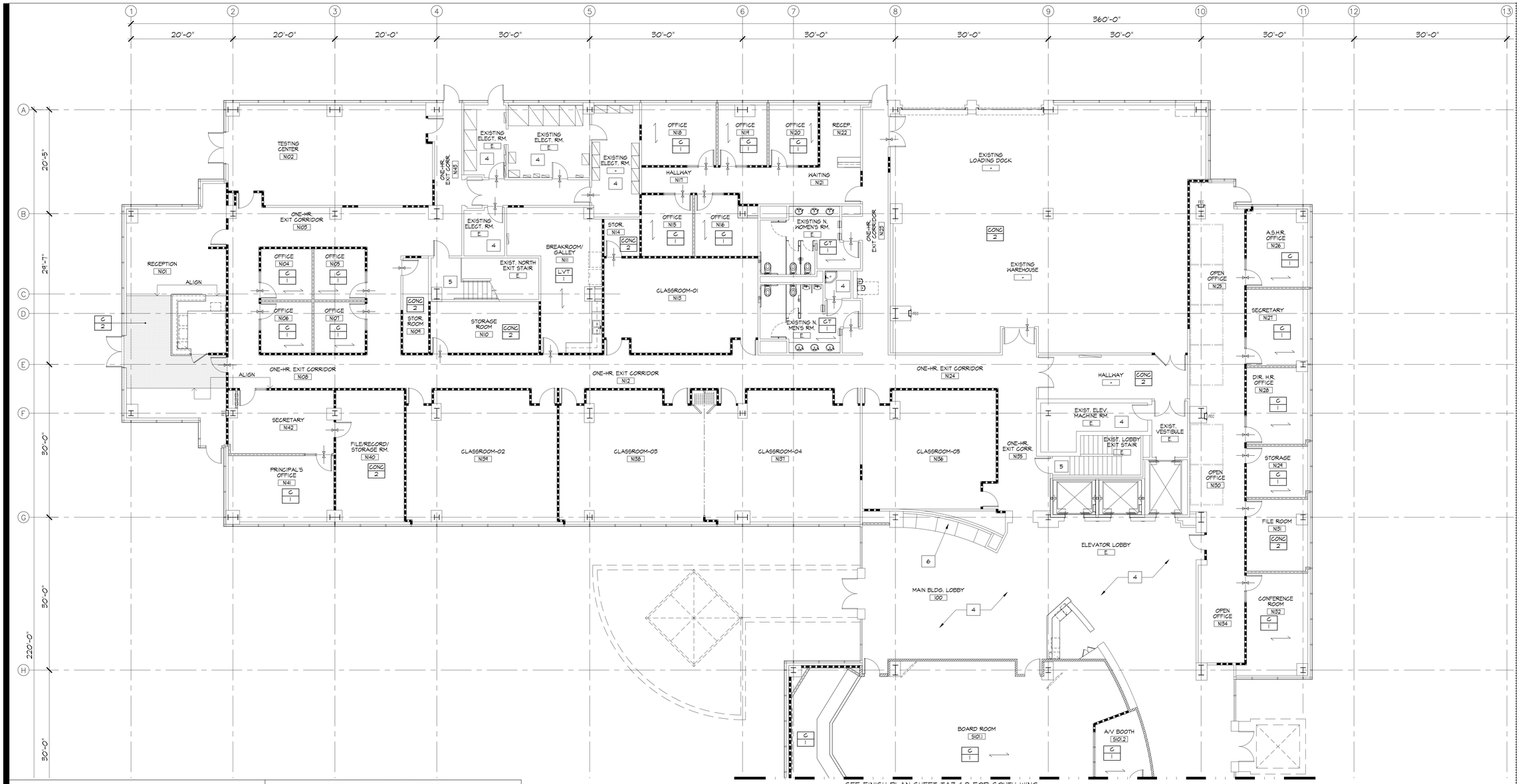
drawn by

project no 18-66.60

date

scale

TA3.3.4



SEE FINISH PLAN SHEET TA3.4.2 FOR SOUTH WING

1st FLOOR FINISH PLAN - NORTH WING

SCALE: 1/8" = 1'-0"

NORTH

GENERAL FINISH NOTES

1. INSTALL ALL FINISHES PER MANUFACTURER'S PREFERRED RECOMMENDATIONS. PREP. FLOOR/WALL AS REQUIRED.
2. (RESERVED)
3. PROVIDE STRAIGHT BASE AT ALL CARPET, CONCRETE AND RESILIENT FLOORING WHERE NOTED.
4. PROVIDE VINYL (BLACK) REDUCER STRIP AT ALL CONCRETE-TO-CARPET AND CARPET-TO-RESILIENT TILE TRANSITIONS.
5. DIRECTION OF CARPET TILES AS INDICATED BY ARROWS ON PLANS.
6. PAINT THROUGHOUT TO BE (P-1) UNLESS NOTED OTHERWISE.
7. PROVIDE (P-6) PAINT ON ALL SOFFITS / HARD LID CEILINGS UNLESS NOTED OTHERWISE.
8. ALL PAINTS SHALL BE MINIMUM ONE (1) COAT OF PRIMER, OR MORE IF RECOMMENDED BY THE MANUFACTURER AND TWO (2) COATS OF FINISH COLOR.
9. VERIFY MANUFACTURER'S SPECIFICATIONS PRIOR TO PRIGING AND PROVIDE PRIMER COATS FOR ALL COLOR THAT REQUIRE IT; PRIMERS TO BE ZERO V.O.C.
10. CARPET OR CARPET TILES ARE TO BE SECURELY ATTACHED AND HAVE A LEVEL LOOP, TEXTURED LOOP LEVEL-CUT PILE OR LEVEL-CUT/UNCUT PILE NOT EXCEEDING 1/8" IN HEIGHT. EXPOSED EDGES OF CARPET ARE TO BE FASTENED TO THE FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE.
11. ALL FLOOR TRANSITIONS BETWEEN ROOMS TO OCCUR AT CENTERLINE OF DOOR WHEN CLOSED, UNLESS NOTED OTHERWISE.
12. INSTALL SPECIFIED RUBBER BASE THROUGHOUT, U.N.O. USE "ROLLED GOODS" ONLY.
13. PLASTIC LAMINATE INSTALLED ON HORIZONTAL SURFACES TO BE MINIMUM 'GENERAL PURPOSE' GRADE AND TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
14. ALL CABINET DOOR AND DRAWER EDGES TO BE FINISHED IN PLASTIC LAMINATE TO MATCH FRONTS, NO EDGE BANDING.
15. ALL JOINTS WHERE MILLWORK PLASTIC LAMINATE MEETS DRYWALL ARE TO BE CAULKED IN COLOR TO EITHER MATCH PLASTIC LAMINATE OR PAINT ON WALL.

FINISH PLAN SYMBOLS LEGEND

- DIRECTION OF CARPET TILES OR PATTERN
- FLOOR FINISH TRANSITION
- P-2 — ACCENT WALLS

FINISH KEYNOTES

1. EXPOSED CONCRETE FLOOR THROUGHOUT, UNLESS NOTED OTHERWISE (CONC-1).
2. CLEAN, POLISH AND SEAL EXISTING EXPOSED CONCRETE EXCEPT WHERE OTHER FLOORING IS INSTALLED (CONC-1).
3. 2ND FLOOR EXPOSED CONCRETE: ALTERNATE PRIGING TO PROVIDE LVT IN LIEU OF EXPOSED CONCRETE.
4. EXISTING FLOORING TO REMAIN.
5. GENERAL CONTRACTOR TO CONFIRM EXISTING FLOORING AT EXISTING STAIRS HAVE CONTRASTING STRIP AT TREADS.
6. RE-UPHOLSTER EXISTING BUILT-IN BENCH. REPAIR SEAT AND BACK CUSHION AS REQUIRED.
7. RE-STAIN EXISTING WOOD PANELS TO MATCH ARCHITECTS SAMPLE. SAND, PATCH AND REPAIR AS REQUIRED.
8. EXISTING REVEALS TO REMAIN, NEW PAINT, PATCH AND REPAIR AS REQUIRED.
9. ALL EXPOSED STRUCTURE ABOVE TO BE PAINTED P-1. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
10. FIRE SPRINKLER LINES THROUGHOUT TO BE PAINTED P-7.

CODE REQUIREMENTS

INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803 OF THE CBC.

TABLE 803.11
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

OCCUPANCY GROUP IN SPRINKLERED BUILDING	INTERIOR EXIT STAIRWAYS & EXIT PASSAGE WAYS	CORRIDORS	ROOMS & ENCLOSED SPACES
A-3 *	B	B	C
B	B	C	C

CLASS B: FLAME SPREAD 26-75, SMOKE-DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD 76-200, SMOKE-DEVELOPED INDEX 0-450

* FOR A-3 OCCUPANCIES, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES , PANELING OR CHANCEL FURNISHING SHALL BE PERMITTED. (PER FOOTNOTE "f" OF CBC TABLE 803.11)

FINISH SCHEDULE

FLOORING FINISHES

CARPET

C-1 — MANUFACTURER: TARKETT/TANDUS
STYLE NAME: TEXTURE MAP 11124
COLOR: LANDING ZONE 423808
SIZE: 24" X 24"
INSTALLATION: VERTICAL ASHLAR
LOCATION: OFFICES, CONFERENCE ROOMS
REP. : LESLIE FONCE, (310)962-6457

C-2 — MANUFACTURER: PATCRAFT
STYLE NAME: WALK FORWARD, ACCESS, 10533
COLOR: TREK, 00590
SIZE: 24" X 24"
INSTALLATION: MONOLITHIC
LOCATION: 1ST FLOOR RECEPTION
REP. : JON ANDERSON, (818)383-3496

LUXURY VINYL TILE

LVT-1 — MANUFACTURER: MANNINGTON
STYLE NAME: ACCESS-WOOD
COLOR: FROSTED OAK 5X59020
SIZE: 5.91" X 59.71"
INSTALLATION: STAGGERED
LOCATION: BREAK ROOMS
REP. : TRACY KO, (805)594-1907

LVT-2 — ALTERNATE
MANUFACTURER: MOHAWK
STYLE NAME: BOLDER
COLOR: PEBBLE 925
SIZE: 36" X 36"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ALTERNATIVE TO EXPOSED CONCRETE
REP. : VALARY BRAL, (818)324-1477

COMPOSITION TILE

SDT-1 — MANUFACTURER: ARMSTRONG
STYLE NAME: STATIC DISSIPATIVE TILE
COLOR: 51493 PEARL WHITE
SIZE: 12" X 12"
LOCATION: SERVER ROOM

CERAMIC TILE

CT-1 — MANUFACTURER: DAL TILE
STYLE NAME: FABRIQUE
COLOR: BLANC LINEN, F685
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: RESTROOMS
REP. : IRVIN KELLER, (818)424-4048

CT-2 — MANUFACTURER: DAL TILE
STYLE NAME: CHORD
COLOR: CANON GRAY, CH22
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ELEVATOR LOBBY
REP. : IRVIN KELLER, (818)424-4048

CONCRETE FLOORS

CONC-1 — EXISTING CONCRETE TO REMAIN CLEAN, POLISH AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: THROUGHOUT

CONC-2 — EXISTING CONCRETE TO REMAIN CLEAN AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: AS NOTED

WALL FINISHES

WALL BASE

WB-1 — MANUFACTURER: JOHNSONITE
COLOR: TA6 BEDROCK CG
SIZE: 4"
LOCATION: THROUGHOUT

PAINTS

P-1 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: EGGSHELL

P-2 — MANUFACTURER: DUNN EDWARDS
COLOR: DET612 "STIELGLITZ SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P-3 — MANUFACTURER: DUNN EDWARDS
COLOR: DET713 "STONE SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P-4 — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT

P-5 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW386 "PRECIOUS PEARLS"
FINISH: SEMI GLOSS
NOTE: RESTROOMS

P-6 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: FLAT

P-7 — MANUFACTURER: DUNN EDWARDS
COLOR: DEA 187 "BLACK"
FINISH: FLAT
NOTE: FIRE SPRINKLER LINES

P-X — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT WALL, P1, P2, P3 OR P4, USER TO DETERMINE

CERAMIC WALL TILE

CWT-1 — MANUFACTURER: EMSER
STYLE NAME: LOGIC
COLOR: WHITE, GLOSS
SIZE: 4" X 16"
INSTALLATION: STACKED
LOCATION: RESTROOMS
REP. : BRANDI SMITH, (818)717-5090

CWT-2 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: SERENE STORM, IB04
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (MEN'S)
REP. : IRVIN KELLER, (818)424-4048

CWT-3 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: TRANQUIL SNOW, IB01
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (WOMEN'S)
REP. : IRVIN KELLER, (818)424-4048

SOLID SURFACES

SS-1 — MANUFACTURER: CAESARSTONE
COLOR NAME: 4600 ORGANIC WHITE, POLISHED 3/4" SLAB
LOCATION: 1ST FLOOR RECEPTION TRANSACTION COUNTER

SS-2 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: CRYSTAL WHITE BQ8SOP, 3/4" SLAB, POLISHED
LOCATION: BREAK ROOM COUNTER & BACK SPLASH

SS-3 — MANUFACTURER: GORTSTONE
COLOR NAME: LUNA GRAY POLISHED G4055, 3/4" SLAB
LOCATION: RESTROOM COUNTERS

SS-4 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: MISTERIO POLISHED BQ8815P, 3/4" SLAB
LOCATION: MAIN LOBBY & BOARD ROOM TRANSACTION COUNTER

PLASTIC LAMINATES

PL-1 — MANUFACTURER: WILSONART
COLOR: ASIAN NIGHT, 7949K-18
FINISH: LINEARITY FINISH WITH AEON
LOCATION: LOWER CABINETS - BREAK ROOMS

PL-2 — MANUFACTURER: NEVAMAR
COLOR: ZEBRANO WHITE, MZ0080-TL
FINISH: TIMBERLINE FINISH
LOCATION: UPPER CABINETS - BREAK ROOMS

PL-3 — MANUFACTURER: NEVAMAR
COLOR: JET BLACK, S-6035SM
FINISH: SUPER MATTE FINISH
LOCATION: TOE KICK AT 1ST FLOOR RECEPTION

PL-4 — MANUFACTURER: WILSONART
COLOR: LIMESTONE, SG2085D-38
FINISH: TEXTURED/SUEDE FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION) & BOARD ROOM DESK

PL-5 — MANUFACTURER: NEVAMAR
COLOR: WROUGHT IRON, S-6054T
FINISH: TEXTURED FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)

FABRICS

F-1 — MANUFACTURER: ARC COM
STYLE NAME: APOLLO, AC-63358
COLOR NAME: CARIBBEAN, #8
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, BACK
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)903-1342

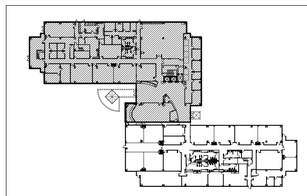
F-2 — MANUFACTURER: ARC COM
STYLE NAME: SPECTRUM, AC-63358
COLOR NAME: CHARCOAL, #40
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, SEATING
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)903-1342

WALL PANELS

WP-1 — MANUFACTURER: SUSTAINABLE FLOORING
STYLE NAME: TEKTURA RECYCLED
COLOR: JUNGLE MIX DARK
SIZE: 12" X 60" X 3/8"
INSTALLATION: HORIZONTAL
LOCATION: 1ST FLOOR RECEPTION DESK
REP. : CINDY ORTIZ, (949) 533-2578

WP-2 — MANUFACTURER: ATI LAMINATES
STYLE NAME: MIRROFLEX, KALAHARI
COLOR: MATTE WHITE
SIZE: 4' X 10'
INSTALLATION: HORIZONTAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION
REP. : SUSAN NELLOR, (714) 531-2553

WP-3 — WOOD VENEER: WHITE OAK
CUT: PLAIN SLICED
COLOR: MATCH ARCHITECTS SAMPLE (DARK BROWN GRAY)
INSTALLATION: VERTICAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION



KEY PLAN

pk:architecture
5126 clareton drive : suite 110
agoura hills, california 91301
v 818 597 1005 7 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.11.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

1st FLOOR FINISH PLAN - NORTH WING

drawn by

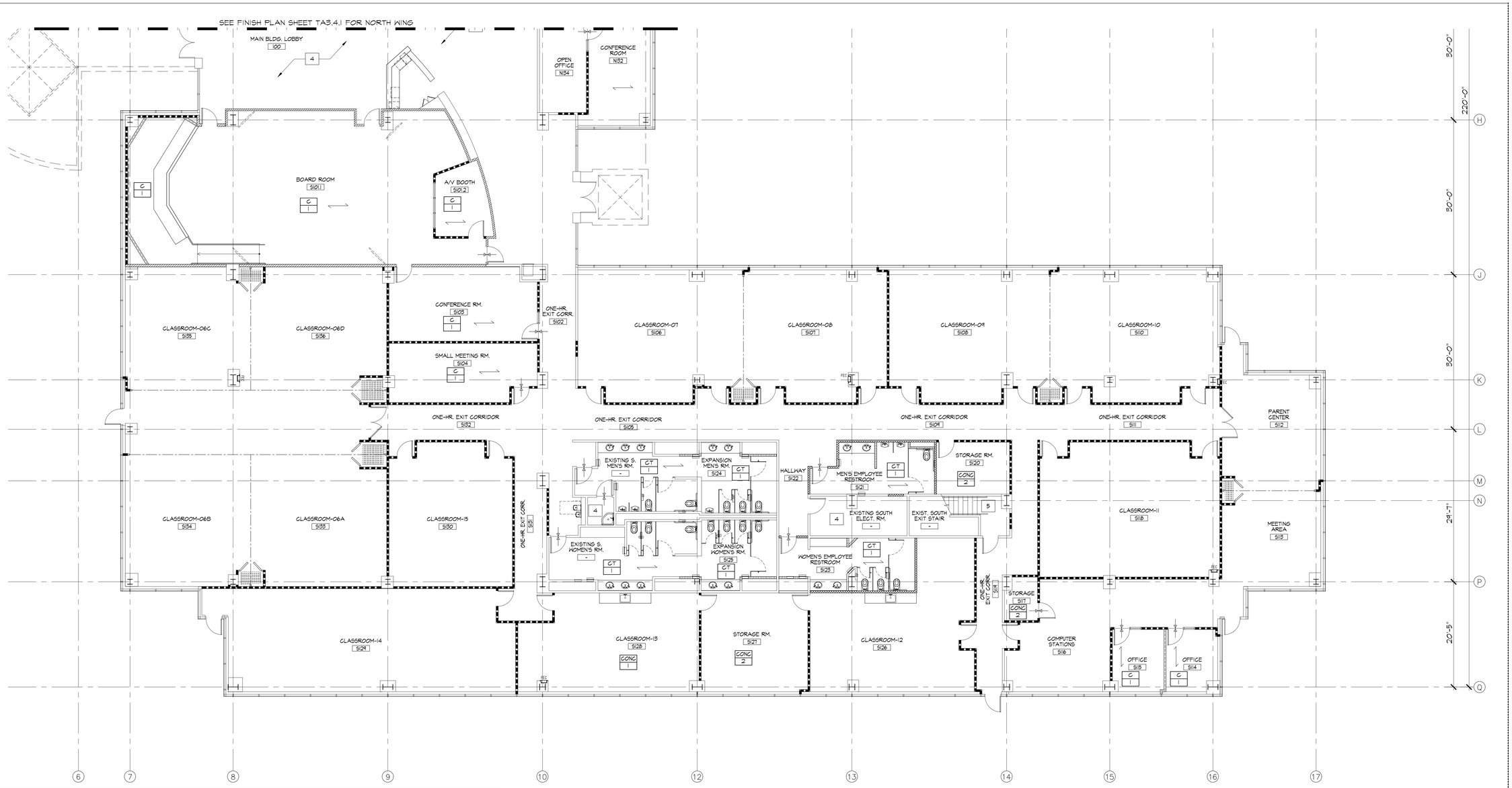
project no 18-66.60

date

scale

TA3.4.1

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA3.4.1-TA3.4.2-1st Flr Floor Finish Plan.dwg, 2/21/2020 1:56:10 PM, DWG To PDF.p



1st FLOOR FINISH PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"

NORTH

GENERAL FINISH NOTES

1. INSTALL ALL FINISHES PER MANUFACTURER'S PREFERRED RECOMMENDATIONS. PREP, FLOOR/WALL AS REQUIRED.
2. (RESERVED)
3. PROVIDE STRAIGHT BASE AT ALL CARPET, CONCRETE AND RESILIENT FLOORING WHERE NOTED.
4. PROVIDE VINYL (BLACK) REDUCER STRIP AT ALL CONCRETE-TO-CARPET AND CARPET-TO-RESILIENT TILE TRANSITIONS.
5. DIRECTION OF CARPET TILES AS INDICATED BY ARROWS ON PLANS.
6. PAINT THROUGHOUT TO BE (P-1) UNLESS NOTED OTHERWISE.
7. PROVIDE (P-6) PAINT ON ALL SOFFITS / HARD LID CEILINGS UNLESS NOTED OTHERWISE.
8. ALL PAINTS SHALL BE MINIMUM ONE (1) COAT OF PRIMER, OR MORE IF RECOMMENDED BY THE MANUFACTURER AND TWO (2) COATS OF FINISH COLOR.
9. VERIFY MANUFACTURER'S SPECIFICATIONS PRIOR TO PRICING AND PROVIDE PRIMER COATS FOR ALL COLOR THAT REQUIRE IT; PRIMERS TO BE ZERO V.O.C.
10. CARPET OR CARPET TILES ARE TO BE SECURELY ATTACHED AND HAVE A LEVEL LOOP, TEXTURED LOOP LEVEL-CUT PILE OR LEVEL-CUT/UNCUT PILE NOT EXCEEDING 1/8" IN HEIGHT. EXPOSED EDGES OF CARPET ARE TO BE FASTENED TO THE FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE.
11. ALL FLOOR TRANSITIONS BETWEEN ROOMS TO OCCUR AT CENTERLINE OF DOOR WHEN CLOSED, UNLESS NOTED OTHERWISE.
12. INSTALL SPECIFIED RUBBER BASE THROUGHOUT, U.N.O. USE "ROLLED GOODS" ONLY.
13. PLASTIC LAMINATE INSTALLED ON HORIZONTAL SURFACES TO BE MINIMUM 'GENERAL PURPOSE' GRADE AND TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
14. ALL CABINET DOOR AND DRAWER EDGES TO BE FINISHED IN PLASTIC LAMINATE TO MATCH FRONTS, NO EDGE BANDING.
15. ALL JOINTS WHERE MILLWORK PLASTIC LAMINATE MEETS DRYWALL ARE TO BE CAULKED IN COLOR TO EITHER MATCH PLASTIC LAMINATE OR PAINT ON WALL.

FINISH PLAN SYMBOLS LEGEND

- DIRECTION OF CARPET TILES OR PATTERN
- FLOOR FINISH TRANSITION
- P-2 — ACCENT WALLS

FINISH KEYNOTES

1. EXPOSED CONCRETE FLOOR THROUGHOUT, UNLESS NOTED OTHERWISE (CONC-1).
2. CLEAN, POLISH AND SEAL EXISTING EXPOSED CONCRETE EXCEPT WHERE OTHER FLOORING IS INSTALLED (CONC-1).
3. 2ND FLOOR EXPOSED CONCRETE: ALTERNATE PRICING TO PROVIDE LVT IN LIEU OF EXPOSED CONCRETE.

[4] EXISTING FLOORING TO REMAIN.

[5] GENERAL CONTRACTOR TO CONFIRM EXISTING FLOORING AT EXISTING STAIRS HAVE CONTRASTING STRIP AT TREADS.

[6] RE-UPHOLSTER EXISTING BUILT-IN BENCH. REPAIR SEAT AND BACK CUSHION AS REQUIRED.

[7] RE-STAIN EXISTING WOOD PANELS TO MATCH ARCHITECT'S SAMPLE. SAND, PATCH AND REPAIR AS REQUIRED.

[8] EXISTING REVEALS TO REMAIN, NEW PAINT. PATCH AND REPAIR AS REQUIRED.

9. ALL EXPOSED STRUCTURE ABOVE TO BE PAINTED P-1. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
10. FIRE SPRINKLER LINES THROUGHOUT TO BE PAINTED P-7.

CODE REQUIREMENTS

INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803 OF THE CBC;

TABLE 803.11
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

OCCUPANCY GROUP IN SPRINKLERED BUILDING	INTERIOR EXIT STAIRWAYS & EXIT PASSAGE WAYS	CORRIDORS	ROOMS & ENCLOSED SPACES
A-3 *	B	B	C
B	B	C	C

CLASS B: FLAME SPREAD 26-75, SMOKE-DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD 76-200; SMOKE-DEVELOPED INDEX 0-450

* FOR A-3 OCCUPANCIES, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES , PANELING OR CHANCEL FURNISHING SHALL BE PERMITTED. (PER FOOTNOTE "f" OF CBC TABLE 803.11)

FINISH SCHEDULE

FLOORING FINISHES

CARPET

C-1 — MANUFACTURER: TARKETT/TANDUS
STYLE NAME: TEXTURE MAP 11129
COLOR: LANDING ZONE 42808
SIZE: 24" X 24"
INSTALLATION: VERTICAL ASHLAR
LOCATION: OFFICES, CONFERENCE ROOMS
REP. : LESLIE FONCE, (310)962-6451

C-2 — MANUFACTURER: PATCRAFT
STYLE NAME: WALK FORWARD, ACCESS, 10533
COLOR: TREK, D0590
SIZE: 24" X 24"
INSTALLATION: MONOLITHIC
LOCATION: 1ST FLOOR RECEPTION
REP. : JON ANDERSON, (818)383-5496

LUXURY VINYL TILE

LVT-1 — MANUFACTURER: MANNINGTON
STYLE NAME: ACCESS-WOOD
COLOR: FROSTED OAK 5X596020
SIZE: 5.41" X 94.31"
INSTALLATION: STAGGERED
LOCATION: BREAK ROOMS
REP. : TRACY KO, (805)554-1901

LVT-2 — *ALTERNATE*
MANUFACTURER: MOHAWK
STYLE NAME: BOLDER
COLOR: PEBBLE 925
SIZE: 36" X 36"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ALTERNATIVE TO EXPOSED CONCRETE
REP. : VALARY BRAL, (818)324-1977

COMPOSITION TILE

SDT-1 — MANUFACTURER: ARMSTRONG
STYLE NAME: STATIC DISSIPATIVE TILE
COLOR: 51953 PEARL WHITE
SIZE: 12" X 12"
LOCATION: SERVER ROOM

CERAMIC TILE

CT-1 — MANUFACTURER: DAL TILE
STYLE NAME: FABRIQUE
COLOR: BLANC LINEN, F685
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: RESTROOMS
REP. : IRVIN KELLER, (818)424-8048

CT-2 — MANUFACTURER: DAL TILE
STYLE NAME: CHORD
COLOR: CANON GRAY, CH22
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ELEVATOR LOBBY
REP. : IRVIN KELLER, (818)424-8048

CONCRETE FLOORS

CONC-1 — EXISTING CONCRETE TO REMAIN CLEAN, POLISH AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: THROUGHOUT

CONC-2 — EXISTING CONCRETE TO REMAIN CLEAN AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: AS NOTED

WALL FINISHES

WALL BASE

WB-1 — MANUFACTURER: JOHNSONITE
COLOR: TA6 BEDROCK CG
SIZE: 4"
LOCATION: THROUGHOUT

PAINTS

P-1 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: EGGSHELL

P-2 — MANUFACTURER: DUNN EDWARDS
COLOR: DET612 "STIELGLITZ SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P-3 — MANUFACTURER: DUNN EDWARDS
COLOR: DET713 "STONE SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P-4 — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT

P-5 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW386 "PRECIOUS PEARLS"
FINISH: SEMI GLOSS
NOTE: RESTROOMS

P-6 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: FLAT

P-7 — MANUFACTURER: DUNN EDWARDS
COLOR: DEA 187 "BLACK"
FINISH: FLAT
NOTE: FIRE SPRINKLER LINES

P-X — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT WALL P1, P2, P3 OR P4, USER TO DETERMINE

CERAMIC WALL TILE

CWT-1 — MANUFACTURER: EMSER
STYLE NAME: LOGIC
COLOR: WHITE, GLOSS
SIZE: 4" X 16"
INSTALLATION: STACKED
LOCATION: RESTROOMS
REP. : BRANDI SMITH, (818)717-5040

CWT-2 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: SERENE STORM, IB04
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (MENS)
REP. : IRVIN KELLER, (818)424-8048

CWT-3 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: TRANQUIL SNOW, IB01
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (WOMEN'S)
REP. : IRVIN KELLER, (818)424-8048

SOLID SURFACES

SS-1 — MANUFACTURER: CAESARSTONE
COLOR NAME: 4600 ORGANIC WHITE, POLISHED 3/4" SLAB
LOCATION: 1ST FLOOR RECEPTION TRANSACTION COUNTER

SS-2 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: CRYSTAL WHITE BQ850P, 3/4" SLAB, POLISHED
LOCATION: BREAK ROOM COUNTER & BACK SPLASH

SS-3 — MANUFACTURER: GORTSTONE
COLOR NAME: LUNA GRAY POLISHED G4055, 3/4" SLAB
LOCATION: RESTROOM COUNTERS

SS-4 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: MISTERIO POLISHED BQ8815P, 3/4" SLAB
LOCATION: MAIN LOBBY & BOARD ROOM TRANSACTION COUNTER

PLASTIC LAMINATES

PL-1 — MANUFACTURER: WILSONART
COLOR: ASIAN NIGHT, 7449K-18
FINISH: LINEARITY FINISH WITH AEON
LOCATION: LOWER CABINETS - BREAK ROOMS

PL-2 — MANUFACTURER: NEVAMAR
COLOR: ZEBRANO WHITE, WZ0080-TL
FINISH: TIMBERLINE FINISH
LOCATION: UPPER CABINETS - BREAK ROOMS

PL-3 — MANUFACTURER: NEVAMAR
COLOR: JET BLACK, S-60535M
FINISH: SUPER MATTE FINISH
LOCATION: TOE KICK AT 1ST FLOOR RECEPTION

PL-4 — MANUFACTURER: WILSONART
COLOR: LIMESTONE, SG20850-38
FINISH: TEXTURED/SUEDE FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION) & BOARD ROOM DESK

PL-5 — MANUFACTURER: NEVAMAR
COLOR: WROUGHT IRON, S-6054T
FINISH: TEXTURED FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)

FABRICS

F-1 — MANUFACTURER: ARC COM
STYLE NAME: APOLLO, AC-63358
COLOR NAME: CARIBBEAN, #4
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, BACK
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)903-7342

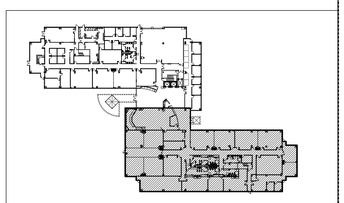
F-2 — MANUFACTURER: ARC COM
STYLE NAME: SPECTRUM, AC-63358
COLOR NAME: CHARCOAL, #40
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, SEATING
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)903-7342

WALL PANELS

WP-1 — MANUFACTURER: SUSTAINABLE FLOORING
STYLE NAME: TEXTURA RECYCLED
COLOR: JUNGLE MIX DARK
SIZE: 12" X 60" X 3/8"
INSTALLATION: HORIZONTAL
LOCATION: 1ST FLOOR RECEPTION DESK
REP. : GINDY ORTIZ, (949) 533-2578

WP-2 — MANUFACTURER: ATI LAMINATES
STYLE NAME: MIRROFLEX, KALAHARI
COLOR: MATTE WHITE
SIZE: 4' X 10'
INSTALLATION: HORIZONTAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION
REP. : SUSAN NELLOR, (714) 351-2553

WP-3 — WOOD VENEER: WHITE OAK
CUT: PLAIN SLICED
COLOR: MATCH ARCHITECT'S SAMPLE (DARK BROWN GRAY)
INSTALLATION: VERTICAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION



pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818 991 0057 f 818 991 0093
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.13.19
	BID ISSUE	02.21.20

sheet title

1st FLOOR FINISH PLAN - SOUTH WING

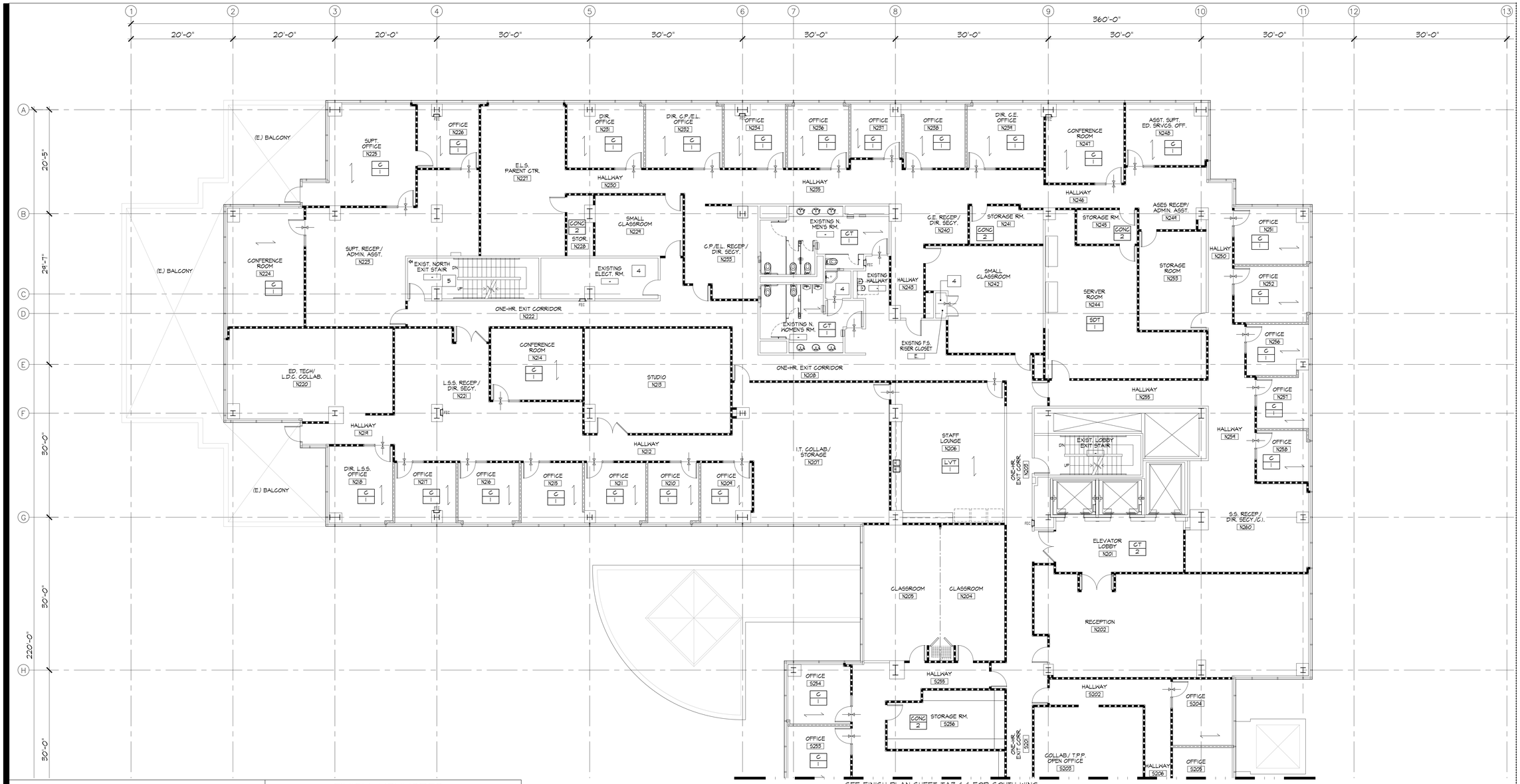
drawn by

project no 18-66.60

date

scale

TA3.4.2



SEE FINISH PLAN SHEET TA3.4.4 FOR SOUTH WING

2nd FLOOR FINISH PLAN - NORTH WING

SCALE: 1/8" = 1'-0"

NORTH

GENERAL FINISH NOTES

1. INSTALL ALL FINISHES PER MANUFACTURER'S PREFERRED RECOMMENDATIONS. PREP. FLOOR/WALL AS REQUIRED.
2. (RESERVED)
3. PROVIDE STRAIGHT BASE AT ALL CARPET, CONCRETE AND RESILIENT FLOORING WHERE NOTED.
4. PROVIDE VINYL (BLACK) REDUCER STRIP AT ALL CONCRETE-TO-CARPET AND CARPET-TO-RESILIENT TILE TRANSITIONS.
5. DIRECTION OF CARPET TILES AS INDICATED BY ARROWS ON PLANS.
6. PAINT THROUGHOUT TO BE (P-1) UNLESS NOTED OTHERWISE.
7. PROVIDE (P-6) PAINT ON ALL SOFFITS / HARD LID CEILINGS UNLESS NOTED OTHERWISE.
8. ALL PAINTS SHALL BE MINIMUM ONE (1) COAT OF PRIMER, OR MORE IF RECOMMENDED BY THE MANUFACTURER AND TWO (2) COATS OF FINISH COLOR.
9. VERIFY MANUFACTURER'S SPECIFICATIONS PRIOR TO PRICING AND PROVIDE PRIMER COATS FOR ALL COLOR THAT REQUIRE IT; PRIMERS TO BE ZERO V.O.C.
10. CARPET OR CARPET TILES ARE TO BE SECURELY ATTACHED AND HAVE A LEVEL LOOP, TEXTURED LOOP LEVEL-CUT PILE OR LEVEL-CUT/UNCUT PILE NOT EXCEEDING ⅛" IN HEIGHT. EXPOSED EDGES OF CARPET ARE TO BE FASTENED TO THE FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE.
11. ALL FLOOR TRANSITIONS BETWEEN ROOMS TO OCCUR AT CENTERLINE OF DOOR WHEN CLOSED, UNLESS NOTED OTHERWISE.
12. INSTALL SPECIFIED RUBBER BASE THROUGHOUT, U.N.O. USE "ROLLED GOODS" ONLY.
13. PLASTIC LAMINATE INSTALLED ON HORIZONTAL SURFACES TO BE MINIMUM 'GENERAL PURPOSE' GRADE AND TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
14. ALL CABINET DOOR AND DRAWER EDGES TO BE FINISHED IN PLASTIC LAMINATE TO MATCH FRONTS, NO EDGE BANDING.
15. ALL JOINTS WHERE MILLWORK PLASTIC LAMINATE MEETS DRYWALL ARE TO BE CAULKED IN COLOR TO EITHER MATCH PLASTIC LAMINATE OR PAINT ON WALL.

FINISH PLAN SYMBOLS LEGEND

DIRECTION OF CARPET TILES OR PATTERN

FLOOR FINISH TRANSITION

F# 2 — ACCENT WALLS

FINISH KEYNOTES

1. EXPOSED CONCRETE FLOOR THROUGHOUT, UNLESS NOTED OTHERWISE (CONC-1).
2. CLEAN, POLISH AND SEAL EXISTING EXPOSED CONCRETE EXCEPT WHERE OTHER FLOORING IS INSTALLED (CONC-1).
3. 2ND FLOOR EXPOSED CONCRETE: ALTERNATE PRICING TO PROVIDE LVT IN LIEU OF EXPOSED CONCRETE.
4. EXISTING FLOORING TO REMAIN.
5. GENERAL CONTRACTOR TO CONFIRM EXISTING FLOORING AT EXISTING STAIRS HAVE CONTRASTING STRIP AT TREADS.
6. RE-UPHOLSTER EXISTING BUILT-IN BENCH. REPAIR SEAT AND BACK CUSHION AS REQUIRED.
7. RE-STAIN EXISTING WOOD PANELS TO MATCH ARCHITECT'S SAMPLE. SAND, PATCH AND REPAIR AS REQUIRED.
8. EXISTING REVEALS TO REMAIN, NEW PAINT. PATCH AND REPAIR AS REQUIRED.
9. ALL EXPOSED STRUCTURE ABOVE TO BE PAINTED P-1. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
10. FIRE SPRINKLER LINES THROUGHOUT TO BE PAINTED P-7.

CODE REQUIREMENTS

INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803 OF THE CBC:

TABLE 803.11
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

OCCUPANCY GROUP IN SPRINKLERED BUILDING	INTERIOR EXIT STAIRWAYS & EXIT PASSAGE WAYS	CORRIDORS	ROOMS & ENCLOSED SPACES
A-3 *	B	B	C
B	B	C	C

CLASS B: FLAME SPREAD 26-75, SMOKE-DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD 76-200; SMOKE-DEVELOPED INDEX 0-450

* FOR A-3 OCCUPANCIES, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES, PANELLING OR CHANCEL FURNISHING SHALL BE PERMITTED. (PER FOOTNOTE "*" OF CBC TABLE 803.11)

FINISH SCHEDULE

FLOORING FINISHES

CARPET

C 1 — MANUFACTURER: TARKETT/TANDUS
STYLE NAME: TEXTURE MAP 11124
COLOR: LANDING ZONE 42808
SIZE: 24" X 24"
INSTALLATION: VERTICAL ASHLAR
LOCATION: OFFICES, CONFERENCE ROOMS
REP. : LESLIE FONCE, (310)962-6457

C 2 — MANUFACTURER: PATCRAFT
STYLE NAME: WALK FORWARD, ACCESS, 10535
COLOR: TREK, D0910
SIZE: 24" X 24"
INSTALLATION: MONOLITHIC
LOCATION: 1ST FLOOR RECEPTION
REP. : JON ANDERSON, (818)383-5496

LUXURY VINYL TILE

LVT 1 — MANUFACTURER: MANNINGTON
STYLE NAME: ACCESS-WOOD
COLOR: FROSTED OAK SWS/60220
SIZE: 5.91" X 36.21"
INSTALLATION: STAGGERED
LOCATION: BREAK ROOMS
REP. : TRACY KO, (805)554-1607

LVT 2 — *ALTERNATE*
MANUFACTURER: MOHAWK
STYLE NAME: BOLDER
COLOR: PEBBLE 925
SIZE: 36" X 36"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ALTERNATIVE TO EXPOSED CONCRETE
REP. : VALARY BRAL, (818)324-1977

COMPOSITION TILE

SDT 1 — MANUFACTURER: ARMSTRONG
STYLE NAME: STATIC DISSIPATIVE TILE
COLOR: 51853 PEARL WHITE
SIZE: 12" X 12"
LOCATION: SERVER ROOM

CERAMIC TILE

CT 1 — MANUFACTURER: DAL TILE
STYLE NAME: FABRIQUE
COLOR: BLANC LINEN, F685
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: RESTROOMS
REP. : IRVIN KELLER, (818)424-6048

CT 2 — MANUFACTURER: DAL TILE
STYLE NAME: CHORD
COLOR: CANON GRAY, CH22
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ELEVATOR LOBBY
REP. : IRVIN KELLER, (818)424-6048

CONCRETE FLOORS

CONC 1 — EXISTING CONCRETE TO REMAIN CLEAN, POLISH AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: THROUGHOUT

CONC 2 — EXISTING CONCRETE TO REMAIN CLEAN AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: AS NOTED

WALL FINISHES

WALL BASE

WB 1 — MANUFACTURER: JOHNSONITE
COLOR: TA6 BEDROCK CG
SIZE: 4"
LOCATION: THROUGHOUT

PAINTS

P 1 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: EGGSHELL

P 2 — MANUFACTURER: DUNN EDWARDS
COLOR: DET612 "STIELGLITZ SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P 3 — MANUFACTURER: DUNN EDWARDS
COLOR: DET713 "STONE SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P 4 — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT

P 5 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW386 "PRECIOUS PEARLS"
FINISH: SEMI GLOSS
NOTE: RESTROOMS

P 6 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: FLAT

P 7 — MANUFACTURER: DUNN EDWARDS
COLOR: DEA 187 "BLACK"
FINISH: FLAT
NOTE: FIRE SPRINKLER LINES

P X — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT WALL P1, P2, P3 OR P4, USER TO DETERMINE

CERAMIC WALL TILE

CWT 1 — MANUFACTURER: EMSER
STYLE NAME: LOGIC
COLOR: WHITE, GLOSS
SIZE: 4" X 16"
INSTALLATION: STACKED
LOCATION: RESTROOMS
REP. : BRANDI SMITH, (818)711-5090

CWT 2 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: SERENE STORM, IB04
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (MEN'S)
REP. : IRVIN KELLER, (818)424-6048

CWT 3 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: TRANQUIL SNOW, IB01
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (WOMEN'S)
REP. : IRVIN KELLER, (818)424-6048

SOLID SURFACES

SS 1 — MANUFACTURER: CAESARSTONE
COLOR NAME: 4600 ORGANIC WHITE, POLISHED 3/4" SLAB
LOCATION: 1ST FLOOR RECEPTION TRANSACTION COUNTER

SS 2 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: CRYSTAL WHITE BQ8SOP, 3/4" SLAB, POLISHED
LOCATION: BREAK ROOM COUNTER & BACK SPLASH

SS 3 — MANUFACTURER: GORTSTONE
COLOR NAME: LUNA GRAY POLISHED G4055, 3/4" SLAB
LOCATION: RESTROOM COUNTERS

SS 4 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: MISTERIO POLISHED BQ8815P, 3/4" SLAB
LOCATION: MAIN LOBBY & BOARD ROOM TRANSACTION COUNTER

PLASTIC LAMINATES

PL 1 — MANUFACTURER: WILSONART
COLOR: ASIAN NIGHT, 7949K-18
FINISH: LINEARITY FINISH WITH AEON
LOCATION: LOWER CABINETS - BREAK ROOMS

PL 2 — MANUFACTURER: NEVAMAR
COLOR: ZEBRANO WHITE, WZ008O-TL
FINISH: TIMBERLINE FINISH
LOCATION: UPPER CABINETS - BREAK ROOMS

PL 3 — MANUFACTURER: NEVAMAR
COLOR: JET BLACK, S-60535M
FINISH: SUPER MATTE FINISH
LOCATION: TOE KICK AT 1ST FLOOR RECEPTION

PL 4 — MANUFACTURER: WILSONART
COLOR: LIMESTONE, 5G20850-38
FINISH: TEXTURED/SUEDE FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION) & BOARD ROOM DESK

PL 5 — MANUFACTURER: NEVAMAR
COLOR: WROUGHT IRON, S-60547
FINISH: TEXTURED FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)

FABRICS

F 1 — MANUFACTURER: ARC COM
STYLE NAME: APOLLO, AC-63358
COLOR NAME: CARIBBEAN, #9
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, BACK
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)905-7342

F 2 — MANUFACTURER: ARC COM
STYLE NAME: SPECTRUM, AC-63358
COLOR NAME: CHARCOAL, #40
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, SEATING
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)905-7342

WALL PANELS

WP 1 — MANUFACTURER: SUSTAINABLE FLOORING
STYLE NAME: TEXTURA RECYCLED
COLOR: JINGLE MIX DARK
SIZE: 12" X 60" X 3/8"
INSTALLATION: HORIZONTAL
LOCATION: 1ST FLOOR RECEPTION DESK
REP. : CINDY ORTIZ, (949) 533-2578

WP 2 — MANUFACTURER: ATI LAMINATES
STYLE NAME: MIRROFLEX, KALAHARI
COLOR: MATTE WHITE
SIZE: 4' X 10'
INSTALLATION: HORIZONTAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION
REP. : SUSAN NELLOR, (714) 397-2553

WP 3 — WOOD VENEER: WHITE OAK
CUT: PLAIN SLICED
COLOR: MATCH ARCHITECT'S SAMPLE (DARK BROWN GRAY)
INSTALLATION: VERTICAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION

KEY PLAN

pk:a pk:architecture
5126 clareton drive, suite 110
agoura hills, california 91301
v 818.597.1000 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.13.19
	BID ISSUE	02.24.20

sheet title

2nd FLOOR FINISH PLAN - NORTH WING

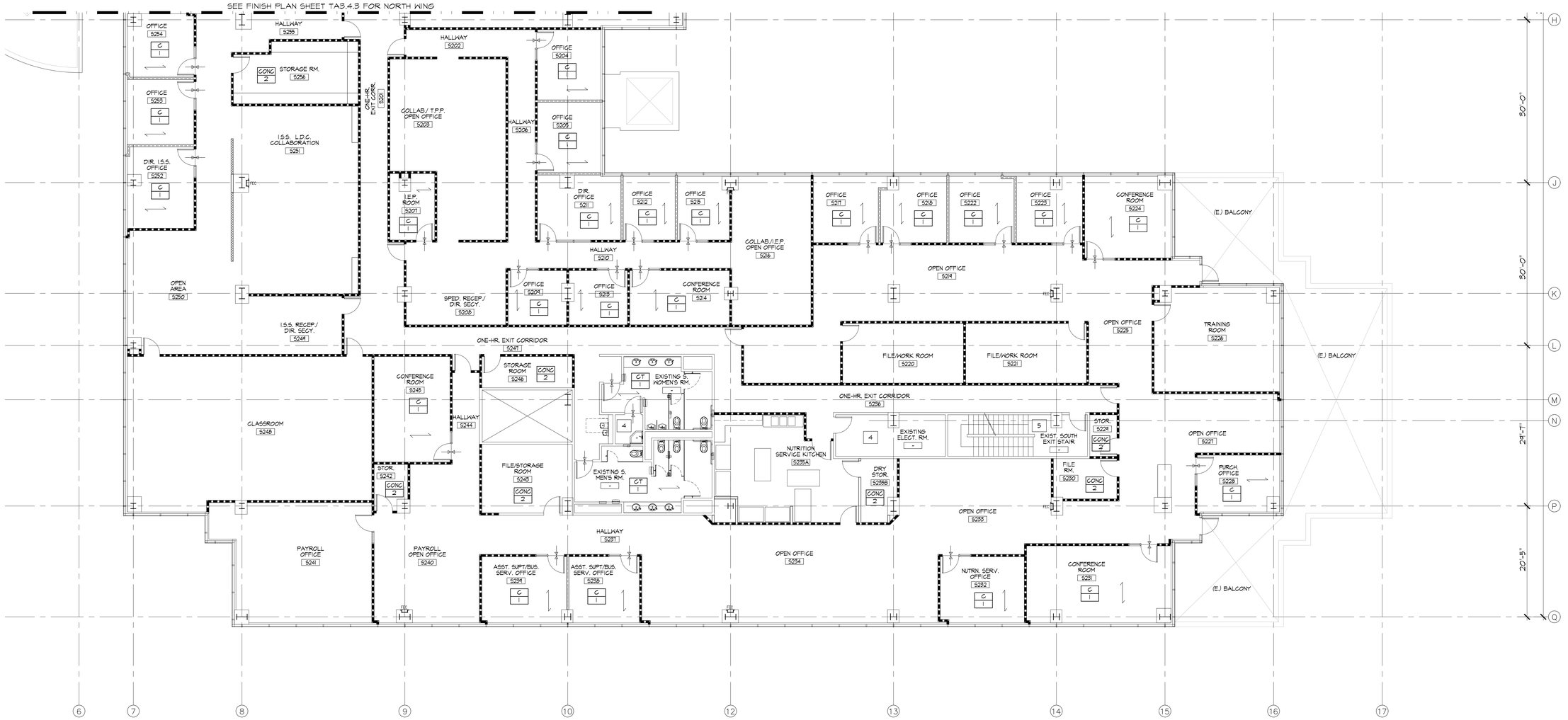
drawn by

project no 18-66.60

date

scale

TA3.4.3



GENERAL FINISH NOTES

1. INSTALL ALL FINISHES PER MANUFACTURER'S PREFERRED RECOMMENDATIONS. PREP. FLOOR/WALL AS REQUIRED.
2. (RESERVED)
3. PROVIDE STRAIGHT BASE AT ALL CARPET, CONCRETE AND RESILIENT FLOORING WHERE NOTED.
4. PROVIDE VINYL (BLACK) REDUCER STRIP AT ALL CONCRETE-TO-CARPET AND CARPET-TO-RESILIENT TILE TRANSITIONS.
5. DIRECTION OF CARPET TILES AS INDICATED BY ARROWS ON PLANS.
6. PAINT THROUGHOUT TO BE (P-1) UNLESS NOTED OTHERWISE.
7. PROVIDE (P-6) PAINT ON ALL SOFFITS / HARD LID CEILINGS UNLESS NOTED OTHERWISE.
8. ALL PAINTS SHALL BE MINIMUM ONE (1) COAT OF PRIMER, OR MORE IF RECOMMENDED BY THE MANUFACTURER AND TWO (2) COATS OF FINISH COLOR.
9. VERIFY MANUFACTURER'S SPECIFICATIONS PRIOR TO PRIGING AND PROVIDE PRIMER COATS FOR ALL COLOR THAT REQUIRE IT; PRIMERS TO BE ZERO V.O.C.
10. CARPET OR CARPET TILES ARE TO BE SECURELY ATTACHED AND HAVE A LEVEL LOOP, TEXTURED LOOP LEVEL-CUT PILE OR LEVEL-CUT/UNCUT PILE NOT EXCEEDING $\frac{1}{4}$" IN HEIGHT. EXPOSED EDGES OF CARPET ARE TO BE FASTENED TO THE FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE.
11. ALL FLOOR TRANSITIONS BETWEEN ROOMS TO OCCUR AT CENTERLINE OF DOOR WHEN CLOSED, UNLESS NOTED OTHERWISE.
12. INSTALL SPECIFIED RUBBER BASE THROUGHOUT, U.N.O. USE "ROLLED GOODS" ONLY.
13. PLASTIC LAMINATE INSTALLED ON HORIZONTAL SURFACES TO BE MINIMUM 'GENERAL PURPOSE' GRADE AND TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
14. ALL CABINET DOOR AND DRAWER EDGES TO BE FINISHED IN PLASTIC LAMINATE TO MATCH FRONTS, NO EDGE BANDING.
15. ALL JOINTS WHERE MILLWORK PLASTIC LAMINATE MEETS DRYWALL ARE TO BE CAULKED IN COLOR TO EITHER MATCH PLASTIC LAMINATE OR PAINT ON WALL.

FINISH PLAN SYMBOLS LEGEND

DIRECTION OF CARPET TILES OR PATTERN

FLOOR FINISH TRANSITION

P-2 ACCENT WALLS

FINISH KEYNOTES

1. EXPOSED CONCRETE FLOOR THROUGHOUT, UNLESS NOTED OTHERWISE (CONC-1).
2. CLEAN, POLISH AND SEAL EXISTING EXPOSED CONCRETE EXCEPT WHERE OTHER FLOORING IS INSTALLED (CONC-1).
3. 2ND FLOOR EXPOSED CONCRETE: ALTERNATE PRICING TO PROVIDE LVT IN LIEU OF EXPOSED CONCRETE.
4. EXISTING FLOORING TO REMAIN.
5. GENERAL CONTRACTOR TO CONFIRM EXISTING FLOORING AT EXISTING STAIRS HAVE CONTRASTING STRIP AT TREADS.
6. RE-UPHOLSTER EXISTING BUILT-IN BENCH. REPAIR SEAT AND BACK CUSHION AS REQUIRED.
7. RE-STAIN EXISTING WOOD PANELS TO MATCH ARCHITECTS SAMPLE. SAND, PATCH AND REPAIR AS REQUIRED.
8. EXISTING REVEALS TO REMAIN, NEW PAINT, PATCH AND REPAIR AS REQUIRED.
9. ALL EXPOSED STRUCTURE ABOVE TO BE PAINTED P-1. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
10. FIRE SPRINKLER LINES THROUGHOUT TO BE PAINTED P-7.

CODE REQUIREMENTS

INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803 OF THE CBC.

TABLE 803.11
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

OCCUPANCY GROUP IN SPRINKLERED BUILDING	INTERIOR EXIT STAIRWAYS & EXIT PASSAGE WAYS	CORRIDORS	ROOMS & ENCLOSED SPACES
A-3 *	B	B	C
B	B	C	C

CLASS B: FLAME SPREAD 26-75, SMOKE-DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD 76-200, SMOKE-DEVELOPED INDEX 0-450

* FOR A-3 OCCUPANCIES, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES , PANELING OR CHANCEL FURNISHING SHALL BE PERMITTED. (PER FOOTNOTE "f" OF CBC TABLE 803.11)

2nd FLOOR FINISH PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"

A

NORTH

FINISH SCHEDULE

FLOORING FINISHES

CARPET

C-1 — MANUFACTURER: TARKETT/TANDUS
STYLE NAME: TEXTURE MAP 11124
COLOR: LANDING ZONE 423808
SIZE: 24" X 24"
INSTALLATION: VERTICAL ASHLAR
LOCATION: OFFICES, CONFERENCE ROOMS
REP. : LESLIE FONCE, (310)962-6457

C-2 — MANUFACTURER: PATCRAFT
STYLE NAME: WALK FORWARD, ACCESS, 10533
COLOR: TREK, 00590
SIZE: 24" X 24"
INSTALLATION: MONOLITHIC
LOCATION: 1ST FLOOR RECEPTION
REP. : JON ANDERSON, (818)383-3496

LUXURY VINYL TILE

LVT-1 — MANUFACTURER: MANNINGTON
STYLE NAME: ACCESS-WOOD
COLOR: FROSTED OAK 5X59020
SIZE: 5.91" X 59.71"
INSTALLATION: STAGGERED
LOCATION: BREAK ROOMS
REP. : TRACY KO, (805)594-1907

LVT-2 — ALTERNATE
MANUFACTURER: MOHAWK
STYLE NAME: BOLDER
COLOR: PEBBLE 925
SIZE: 36" X 36"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ALTERNATIVE TO EXPOSED CONCRETE
REP. : VALARY BRAL, (818)324-1477

COMPOSITION TILE

SDT-1 — MANUFACTURER: ARMSTRONG
STYLE NAME: STATIC DISSIPATIVE TILE
COLOR: 51953 PEARL WHITE
SIZE: 12" X 12"
LOCATION: SERVER ROOM

CERAMIC TILE

CT-1 — MANUFACTURER: DAL TILE
STYLE NAME: FABRIQUE
COLOR: BLANC LINEN, F685
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: RESTROOMS
REP. : IRVIN KELLER, (818)424-4048

CT-2 — MANUFACTURER: DAL TILE
STYLE NAME: CHORD
COLOR: CANON GRAY, CH22
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ELEVATOR LOBBY
REP. : IRVIN KELLER, (818)424-4048

CONCRETE FLOORS

CONC-1 — EXISTING CONCRETE TO REMAIN CLEAN, POLISH AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: THROUGHOUT

CONC-2 — EXISTING CONCRETE TO REMAIN CLEAN AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: AS NOTED

WALL FINISHES

WALL BASE

WB-1 — MANUFACTURER: JOHNSONITE
COLOR: TA6 BEDROCK CG
SIZE: 4"
LOCATION: THROUGHOUT

PAINTS

P-1 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: EGGSHELL

P-2 — MANUFACTURER: DUNN EDWARDS
COLOR: DET612 "STIELGLITZ SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P-3 — MANUFACTURER: DUNN EDWARDS
COLOR: DET713 "STONE SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P-4 — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT

P-5 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW386 "PRECIOUS PEARLS"
FINISH: SEMI GLOSS
NOTE: RESTROOMS

P-6 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: FLAT

P-7 — MANUFACTURER: DUNN EDWARDS
COLOR: DEA 187 "BLACK"
FINISH: FLAT
NOTE: FIRE SPRINKLER LINES

P-X — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT WALL, P1, P2, P3 OR P4, USER TO DETERMINE

CERAMIC WALL TILE

CWT-1 — MANUFACTURER: EMSER
STYLE NAME: LOGIC
COLOR: WHITE, GLOSS
SIZE: 4" X 16"
INSTALLATION: STACKED
LOCATION: RESTROOMS
REP. : BRANDI SMITH, (818)717-5090

CWT-2 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: SERENE STORM, IB04
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (MEN'S)
REP. : IRVIN KELLER, (818)424-4048

CWT-3 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: TRANQUIL SNOW, IB01
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (WOMEN'S)
REP. : IRVIN KELLER, (818)424-4048

SOLID SURFACES

SS-1 — MANUFACTURER: CAESARSTONE
COLOR NAME: 4600 ORGANIC WHITE, POLISHED 3/4" SLAB
LOCATION: 1ST FLOOR RECEPTION TRANSACTION COUNTER

SS-2 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: CRYSTAL WHITE BQ8SOP, 3/4" SLAB, POLISHED
LOCATION: BREAK ROOM COUNTER & BACK SPLASH

SS-3 — MANUFACTURER: GORTSTONE
COLOR NAME: LUNA GRAY POLISHED G4055, 3/4" SLAB
LOCATION: RESTROOM COUNTERS

SS-4 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: MISTERIO POLISHED BQ8815P, 3/4" SLAB
LOCATION: MAIN LOBBY & BOARD ROOM TRANSACTION COUNTER

PLASTIC LAMINATES

PL-1 — MANUFACTURER: WILSONART
COLOR: ASIAN NIGHT, 7949K-18
FINISH: LINEARITY FINISH WITH AEON
LOCATION: LOWER CABINETS - BREAK ROOMS

PL-2 — MANUFACTURER: NEVAMAR
COLOR: ZEBRANO WHITE, MZ0080-TL
FINISH: TIMBERLINE FINISH
LOCATION: UPPER CABINETS - BREAK ROOMS

PL-3 — MANUFACTURER: NEVAMAR
COLOR: JET BLACK, S-60535M
FINISH: SUPER MATTE FINISH
LOCATION: TOE KICK AT 1ST FLOOR RECEPTION

PL-4 — MANUFACTURER: WILSONART
COLOR: LIMESTONE, SG2085D-38
FINISH: TEXTURED/SUEDE FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION) & BOARD ROOM DESK.

PL-5 — MANUFACTURER: NEVAMAR
COLOR: WROUGHT IRON, S-6054T
FINISH: TEXTURED FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)

FABRICS

F-1 — MANUFACTURER: ARC COM
STYLE NAME: APOLLO, AC-63358
COLOR NAME: CARIBBEAN, #8
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, BACK
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)903-1342

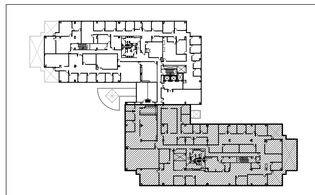
F-2 — MANUFACTURER: ARC COM
STYLE NAME: SPECTRUM, AC-63358
COLOR NAME: CHARCOAL, #40
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, SEATING
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)903-1342

WALL PANELS

WP-1 — MANUFACTURER: SUSTAINABLE FLOORING
STYLE NAME: TEXTURA RECYCLED
COLOR: JUNGLE MIX DARK
SIZE: 12" X 60" X 3/8"
INSTALLATION: HORIZONTAL
LOCATION: 1ST FLOOR RECEPTION DESK
REP. : CINDY ORTIZ, (949) 533-2578

WP-2 — MANUFACTURER: ATI LAMINATES
STYLE NAME: MIRROFLEX, KALAHARI
COLOR: MATTE WHITE
SIZE: 4' X 10'
INSTALLATION: HORIZONTAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION
REP. : SUSAN NELLOR, (714) 531-2553

WP-3 — WOOD VENEER: WHITE OAK
CUT: PLAIN SLICED
COLOR: MATCH ARCHITECTS SAMPLE (DARK BROWN GRAY)
INSTALLATION: VERTICAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION


KEY PLAN

pk:a
pk:architecture
5126 clareton drive : suite 110
agoura hills, california 91301
v 818 991 0057 f 818 991 0093
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

2nd FLOOR FINISH PLAN - SOUTH WING

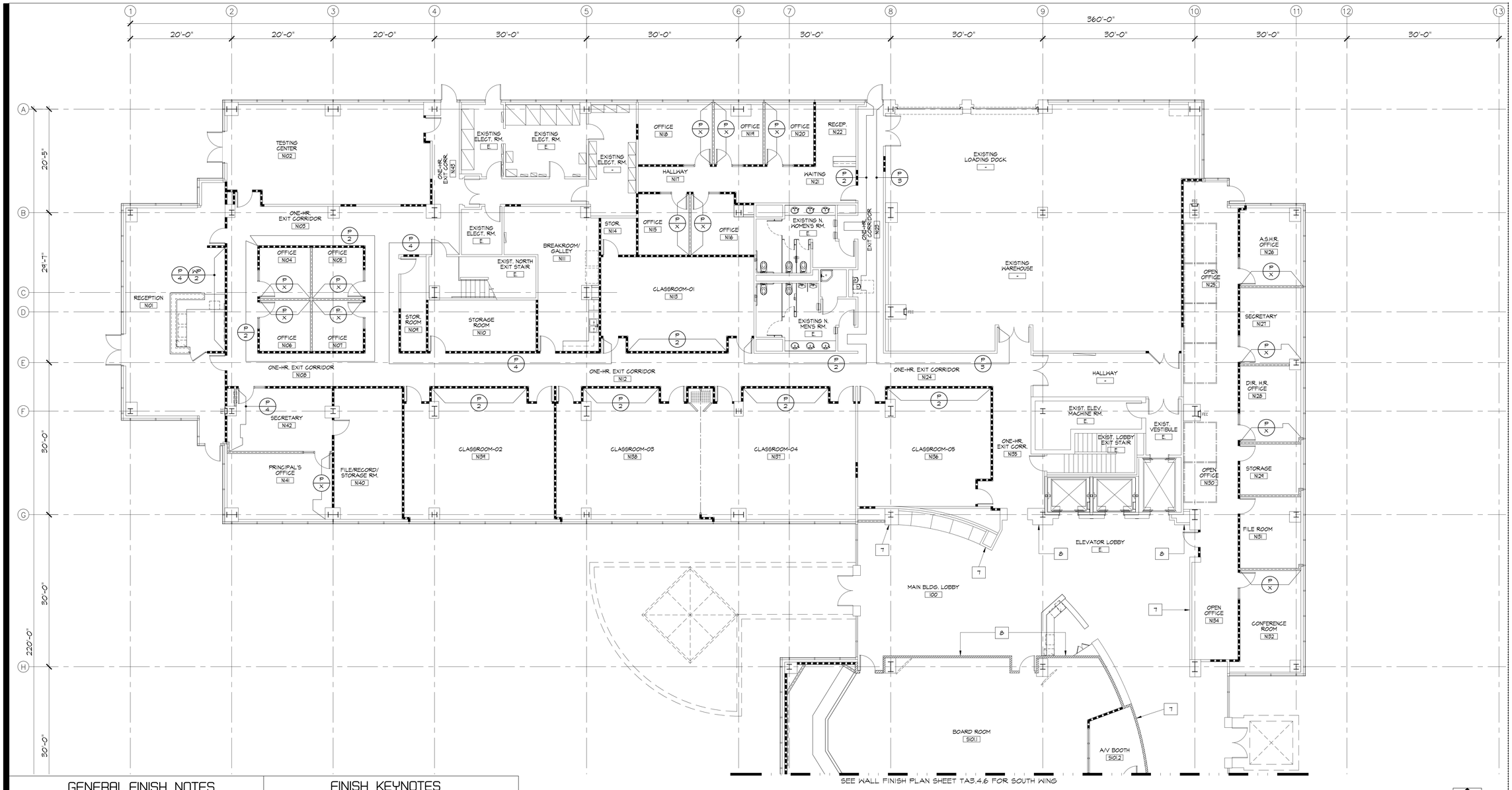
drawn by

project no 18-66.60

date

scale

TA3.4.4



SEE WALL FINISH PLAN SHEET TA3.4.6 FOR SOUTH WING

1st FLOOR WALL FINISH PLAN - NORTH WING

SCALE: 1/8" = 1'-0"

NORTH

GENERAL FINISH NOTES

1. INSTALL ALL FINISHES PER MANUFACTURER'S PREFERRED RECOMMENDATIONS. PREP, FLOOR/WALL AS REQUIRED.
2. (RESERVED)
3. PROVIDE STRAIGHT BASE AT ALL CARPET, CONCRETE AND RESILIENT FLOORING WHERE NOTED.
4. PROVIDE VINYL (BLACK) REDUCER STRIP AT ALL CONCRETE-TO-CARPET AND CARPET-TO-RESILIENT TILE TRANSITIONS.
5. DIRECTION OF CARPET TILES AS INDICATED BY ARROWS ON PLANS.
6. PAINT THROUGHOUT TO BE (P-1) UNLESS NOTED OTHERWISE.
7. PROVIDE (P-6) PAINT ON ALL SOFFITS / HARD LID CEILINGS UNLESS NOTED OTHERWISE.
8. ALL PAINTS SHALL BE MINIMUM ONE (1) COAT OF PRIMER, OR MORE IF RECOMMENDED BY THE MANUFACTURER AND TWO (2) COATS OF FINISH COLOR.
9. VERIFY MANUFACTURER'S SPECIFICATIONS PRIOR TO PRIGING AND PROVIDE PRIMER COATS FOR ALL COLOR THAT REQUIRE IT, PRIMERS TO BE ZERO V.O.C.
10. CARPET OR CARPET TILES ARE TO BE SECURELY ATTACHED AND HAVE A LEVEL LOOP, TEXTURED LOOP LEVEL-CUT PILE OR LEVEL-CUT/UNCUT PILE NOT EXCEEDING ⅛" IN HEIGHT. EXPOSED EDGES OF CARPET ARE TO BE FASTENED TO THE FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE.
11. ALL FLOOR TRANSITIONS BETWEEN ROOMS TO OCCUR AT CENTERLINE OF DOOR WHEN CLOSED, UNLESS NOTED OTHERWISE.
12. INSTALL SPECIFIED RUBBER BASE THROUGHOUT, U.N.O. USE "ROLLED GOODS" ONLY.
13. PLASTIC LAMINATE INSTALLED ON HORIZONTAL SURFACES TO BE MINIMUM 'GENERAL PURPOSE' GRADE AND TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
14. ALL CABINET DOOR AND DRAWER EDGES TO BE FINISHED IN PLASTIC LAMINATE TO MATCH FRONTS, NO EDGE BANDING.
15. ALL JOINTS WHERE MILLWORK PLASTIC LAMINATE MEETS DRYWALL ARE TO BE CAULKED IN COLOR TO EITHER MATCH PLASTIC LAMINATE OR PAINT ON WALL.

FINISH PLAN SYMBOLS LEGEND

- DIRECTION OF CARPET TILES OR PATTERN
- FLOOR FINISH TRANSITION
- P 2 — ACCENT WALLS

FINISH KEYNOTES

1. EXPOSED CONCRETE FLOOR THROUGHOUT, UNLESS NOTED OTHERWISE (CONC-1).
2. CLEAN, POLISH AND SEAL EXISTING EXPOSED CONCRETE EXCEPT WHERE OTHER FLOORING IS INSTALLED (CONC-1).
3. 2ND FLOOR EXPOSED CONCRETE: ALTERNATE PRIGING TO PROVIDE LVT IN LIEU OF EXPOSED CONCRETE.

4 EXISTING FLOORING TO REMAIN.

5 GENERAL CONTRACTOR TO CONFIRM EXISTING FLOORING AT EXISTING STAIRS HAVE CONTRASTING STRIP AT TREADS.

6 RE-UPHOLSTER EXISTING BUILT-IN BENCH, REPAIR SEAT AND BACK CUSHION AS REQUIRED.

7 RE-STAIN EXISTING WOOD PANELS TO MATCH ARCHITECTS SAMPLE. SAND, PATCH AND REPAIR AS REQUIRED.

8 EXISTING REVEALS TO REMAIN, NEW PAINT. PATCH AND REPAIR AS REQUIRED.

9. ALL EXPOSED STRUCTURE ABOVE TO BE PAINTED P-1. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
10. FIRE SPRINKLER LINES THROUGHOUT TO BE PAINTED P-7.

CODE REQUIREMENTS

INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803 OF THE CBC.

TABLE 803.11
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

OCCUPANCY GROUP IN SPRINKLERED BUILDING	INTERIOR EXIT STAIRWAYS & EXIT PASSAGE WAYS	CORRIDORS	ROOMS & ENCLOSED SPACES
A-3 *	B	B	C
B	B	C	C

CLASS B: FLAME SPREAD 26-75, SMOKE-DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD 76-200; SMOKE-DEVELOPED INDEX 0-450

* FOR A-3 OCCUPANCIES, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES , PANELING OR CHANCEL FURNISHING SHALL BE PERMITTED. (PER FOOTNOTE "f" OF CBC TABLE 803.11)

FINISH SCHEDULE

FLOORING FINISHES

CARPET

C 1 — MANUFACTURER: TARKETT/TANDUS
STYLE NAME: TEXTURE MAP 1124
COLOR: LANDING ZONE 428GB
SIZE: 24" X 24"
INSTALLATION: VERTICAL ASHLAR
LOCATION: OFFICES, CONFERENCE ROOMS
REP. : LESLIE FONCE, (510)862-6451

C 2 — MANUFACTURER: PATCRAFT
STYLE NAME: WALK FORWARD, ACCESS, 10535
COLOR: TREK, 00590
SIZE: 24" X 24"
INSTALLATION: MONOLITHIC
LOCATION: 1ST FLOOR RECEPTION
REP. : JON ANDERSON, (818)365-8446

LUXURY VINYL TILE

LVT 1 — MANUFACTURER: MANNINGTON
STYLE NAME: ACCESS+WOOD
COLOR: FROSTED OAK SXSW8020
SIZE: 5.91" X 36.22"
INSTALLATION: STAGGERED
LOCATION: BREAK ROOMS
REP. : TRACY KO, (805)554-1907

LVT 2 — ALTERNATE
MANUFACTURER: MOHAWK
STYLE NAME: BOLDER
COLOR: PEBBLE 925
SIZE: 36" X 36"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ALTERNATIVE TO EXPOSED CONCRETE
REP. : VALARY BRAL, (818)324-1977

COMPOSITION TILE

SDT 1 — MANUFACTURER: ARMSTRONG
STYLE NAME: STATIC DISSIPATIVE TILE
COLOR: 51853 PEARL WHITE
SIZE: 12" X 12"
LOCATION: SERVER ROOM

CERAMIC TILE

CT 1 — MANUFACTURER: DAL TILE
STYLE NAME: FABRIQUE
COLOR: BLANC LINEN, P685
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: RESTROOMS
REP. : IRVIN KELLER, (818)424-4048

CT 2 — MANUFACTURER: DAL TILE
STYLE NAME: CHORD
COLOR: CANON GRAY, CH22
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ELEVATOR LOBBY
REP. : IRVIN KELLER, (818)424-4048

CONCRETE FLOORS

CONC 1 — EXISTING CONCRETE TO REMAIN CLEAN, POLISH AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: THROUGHOUT

CONC 2 — EXISTING CONCRETE TO REMAIN CLEAN AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: AS NOTED

WALL FINISHES

WALL BASE

WB 1 — MANUFACTURER: JOHNSONITE
COLOR: TA6 BEDROCK CG
SIZE: 4"
LOCATION: THROUGHOUT

PAINTS

P 1 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: EGGSHELL

P 2 — MANUFACTURER: DUNN EDWARDS
COLOR: DET612 "STIELGLITZ SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P 3 — MANUFACTURER: DUNN EDWARDS
COLOR: DET113 "STONE SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P 4 — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT

P 5 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW386 "PRECIOUS PEARLS"
FINISH: SEMI GLOSS
NOTE: RESTROOMS

P 6 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: FLAT

P 7 — MANUFACTURER: DUNN EDWARDS
COLOR: DEA 151 "BLACK"
FINISH: FLAT
NOTE: FIRE SPRINKLER LINES

P X — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT WALL P1, P2, P3 OR P4, USER TO DETERMINE

CERAMIC WALL TILE

CWT 1 — MANUFACTURER: EMSER
STYLE NAME: LOGIC
COLOR: WHITE, GLOSS
SIZE: 4" X 16"
INSTALLATION: STACKED
LOCATION: RESTROOMS
REP. : BRANDI SMITH, (818)111-5090

CWT 2 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: SERENE STORM, IB04
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (MEN'S)
REP. : IRVIN KELLER, (818)424-4048

CWT 3 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: TRANQUIL SNOW, IB01
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (WOMEN'S)
REP. : IRVIN KELLER, (818)424-4048

SOLID SURFACES

SS 1 — MANUFACTURER: CAESARSTONE
COLOR NAME: 4600 ORGANIC WHITE, POLISHED 3/4" SLAB
LOCATION: 1ST FLOOR RECEPTION TRANSACTION COUNTER

SS 2 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: CRYSTAL WHITE BQ850P, 3/4" SLAB, POLISHED
LOCATION: BREAK ROOM COUNTER & BACK SPLASH

SS 3 — MANUFACTURER: GORTSTONE
COLOR NAME: LUNA GRAY POLISHED GA055, 3/4" SLAB
LOCATION: RESTROOM COUNTERS

SS 4 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: MISTERIO POLISHED BQ8815P, 3/4" SLAB
LOCATION: MAIN LOBBY & BOARD ROOM TRANSACTION COUNTER

PLASTIC LAMINATES

PL 1 — MANUFACTURER: WILSONART
COLOR: ASIAN NIGHT, 7949K-18
FINISH: LINEARITY FINISH WITH AEON
LOCATION: LOWER CABINETS - BREAK ROOMS

PL 2 — MANUFACTURER: NEVAMAR
COLOR: ZEBRANO WHITE, WZ080-TL
FINISH: TIMBERLINE FINISH
LOCATION: UPPER CABINETS - BREAK ROOMS

PL 3 — MANUFACTURER: NEVAMAR
COLOR: JET BLACK, S-60535M
FINISH: SUPER MATTE FINISH
LOCATION: TOE KICK AT 1ST FLOOR RECEPTION

PL 4 — MANUFACTURER: WILSONART
COLOR: LIMESTONE, SG208SD-38
FINISH: TEXTURED/SUEDE FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION) & BOARD ROOM DESK

PL 5 — MANUFACTURER: NEVAMAR
COLOR: WROUGHT IRON, S-6054T
FINISH: TEXTURED FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)

FABRICS

F 1 — MANUFACTURER: ARC COM
STYLE NAME: APOLLO, AC-63358
COLOR NAME: CARIBBEAN, #4
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, BACK
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)905-7342

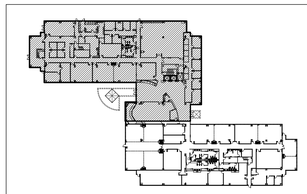
F 2 — MANUFACTURER: ARC COM
STYLE NAME: SPECTRUM, AC-63358
COLOR NAME: CHARCOAL, #40
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, SEATING
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)905-7342

WALL PANELS

WP 1 — MANUFACTURER: SUSTAINABLE FLOORING
STYLE NAME: TEKTURA RECYCLED
COLOR: JUNGLE MIX DARK
SIZE: 12" X 60" X 3/8"
INSTALLATION: HORIZONTAL
LOCATION: 1ST FLOOR RECEPTION DESK
REP. : CINDY ORTIZ, (949) 533-2578

WP 2 — MANUFACTURER: ATI LAMINATES
STYLE NAME: MIRROFLEX, KALAHARI
COLOR: MATTE WHITE
SIZE: 4' X 10'
INSTALLATION: HORIZONTAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION
REP. : SUSAN NELLOR, (714) 337-2553

WP 3 — WOOD VENEER: WHITE OAK
CUT: PLAIN SLICED
COLOR: MATCH ARCHITECT'S SAMPLE (DARK BROWN GRAY)
INSTALLATION: VERTICAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION



KEY PLAN

pk:a pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818 597 1005 7 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

1st FLR. WALL FIN. PLAN - NORTH WING

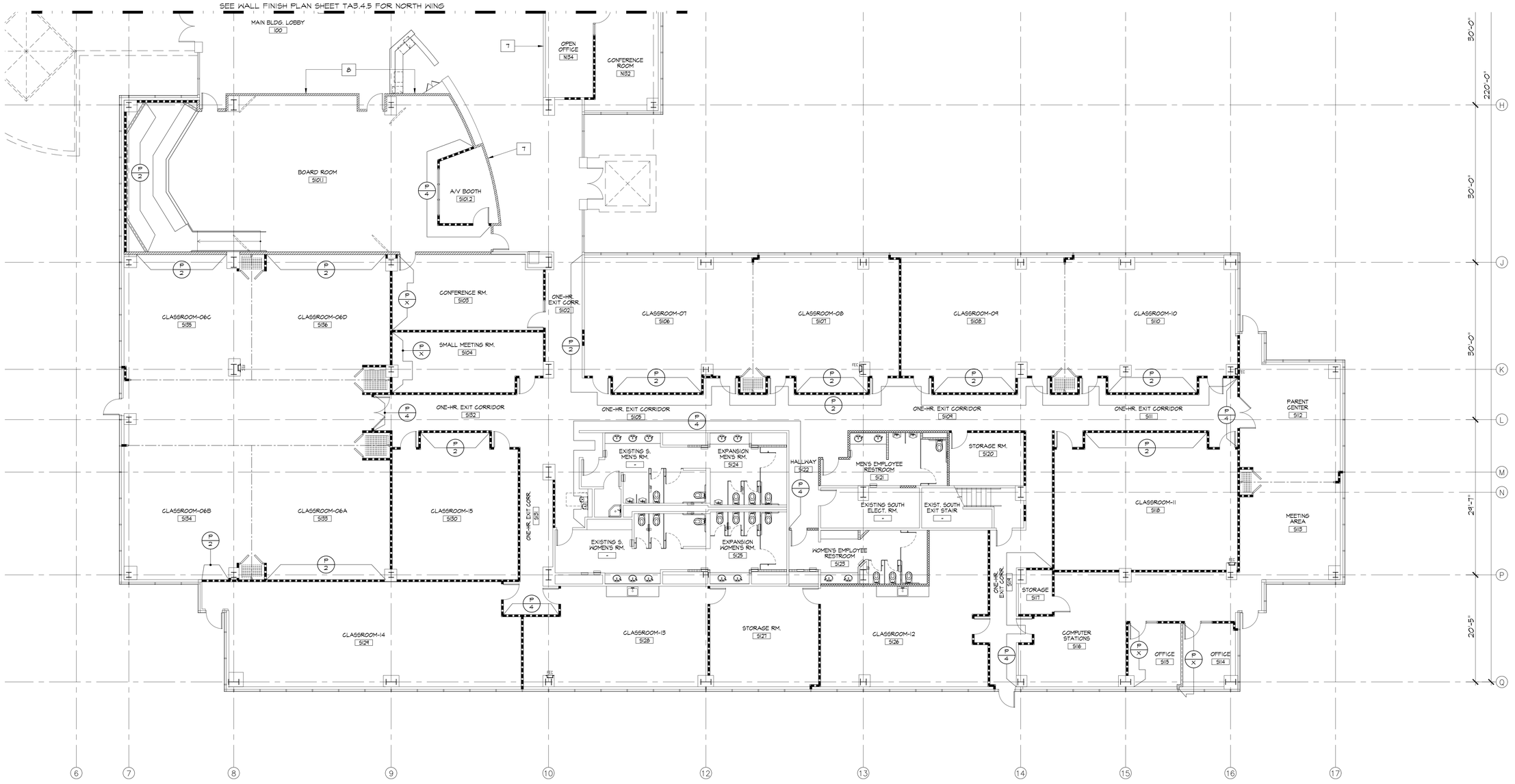
drawn by

project no 18-66.60

date

scale

TA3.4.5



1st FLOOR WALL FINISH PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"

NORTH

GENERAL FINISH NOTES

1. INSTALL ALL FINISHES PER MANUFACTURER'S PREFERRED RECOMMENDATIONS. PREP. FLOOR/WALL AS REQUIRED.
2. (RESERVED)
3. PROVIDE STRAIGHT BASE AT ALL CARPET, CONCRETE AND RESILIENT FLOORING WHERE NOTED.
4. PROVIDE VINYL (BLACK) REDUCER STRIP AT ALL CONCRETE-TO-CARPET AND CARPET-TO-RESILIENT TILE TRANSITIONS.
5. DIRECTION OF CARPET TILES AS INDICATED BY ARROWS ON PLANS.
6. PAINT THROUGHOUT TO BE (P-1) UNLESS NOTED OTHERWISE.
7. PROVIDE (P-6) PAINT ON ALL SOFFITS / HARD LID CEILINGS UNLESS NOTED OTHERWISE.
8. ALL PAINTS SHALL BE MINIMUM ONE (1) COAT OF PRIMER, OR MORE IF RECOMMENDED BY THE MANUFACTURER AND TWO (2) COATS OF FINISH COLOR.
9. VERIFY MANUFACTURER'S SPECIFICATIONS PRIOR TO PRICING AND PROVIDE PRIMER COATS FOR ALL COLOR THAT REQUIRE IT; PRIMERS TO BE ZERO V.O.C.
10. CARPET OR CARPET TILES ARE TO BE SECURELY ATTACHED AND HAVE A LEVEL LOOP, TEXTURED LOOP LEVEL-CUT PILE OR LEVEL-CUT/UNCUT PILE NOT EXCEEDING ½" IN HEIGHT. EXPOSED EDGES OF CARPET ARE TO BE FASTENED TO THE FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE.
11. ALL FLOOR TRANSITIONS BETWEEN ROOMS TO OCCUR AT CENTERLINE OF DOOR WHEN CLOSED, UNLESS NOTED OTHERWISE.
12. INSTALL SPECIFIED RUBBER BASE THROUGHOUT, U.N.O. USE "ROLLED GOODS" ONLY.
13. PLASTIC LAMINATE INSTALLED ON HORIZONTAL SURFACES TO BE MINIMUM 'GENERAL PURPOSE' GRADE AND TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
14. ALL CABINET DOOR AND DRAWER EDGES TO BE FINISHED IN PLASTIC LAMINATE TO MATCH FRONTS, NO EDGE BANDING.
15. ALL JOINTS WHERE MILLWORK PLASTIC LAMINATE MEETS DRYWALL ARE TO BE CAULKED IN COLOR TO EITHER MATCH PLASTIC LAMINATE OR PAINT ON WALL.

FINISH PLAN SYMBOLS LEGEND

- DIRECTION OF CARPET TILES OR PATTERN
- FLOOR FINISH TRANSITION
- P-2 — ACCENT WALLS

FINISH KEYNOTES

1. EXPOSED CONCRETE FLOOR THROUGHOUT, UNLESS NOTED OTHERWISE (CONC-1).
2. CLEAN, POLISH AND SEAL EXISTING EXPOSED CONCRETE EXCEPT WHERE OTHER FLOORING IS INSTALLED (CONC-1).
3. 2ND FLOOR EXPOSED CONCRETE: ALTERNATE PRICING TO PROVIDE LVT IN LIEU OF EXPOSED CONCRETE.
4. EXISTING FLOORING TO REMAIN.
5. GENERAL CONTRACTOR TO CONFIRM EXISTING FLOORING AT EXISTING STAIRS HAVE CONTRASTING STRIP AT TREADS.
6. RE-UPHOLSTER EXISTING BUILT-IN BENCH. REPAIR SEAT AND BACK CUSHION AS REQUIRED.
7. RE-STAIN EXISTING WOOD PANELS TO MATCH ARCHITECT'S SAMPLE. SAND, PATCH AND REPAIR AS REQUIRED.
8. EXISTING REVEALS TO REMAIN, NEW PAINT. PATCH AND REPAIR AS REQUIRED.
9. ALL EXPOSED STRUCTURE ABOVE TO BE PAINTED P-1. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
10. FIRE SPRINKLER LINES THROUGHOUT TO BE PAINTED P-7.

CODE REQUIREMENTS

INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803 OF THE CBC:

TABLE 803.11
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

OCCUPANCY GROUP IN SPRINKLERED BUILDING	INTERIOR EXIT STAIRWAYS & EXIT PASSAGE WAYS	CORRIDORS	ROOMS & ENCLOSED SPACES
A-3 *	B	B	C
B	B	C	C

CLASS B: FLAME SPREAD 26-75, SMOKE-DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD 76-200; SMOKE-DEVELOPED INDEX 0-450

* FOR A-3 OCCUPANCIES, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES , PANELING OR CHANCEL FURNISHING SHALL BE PERMITTED. (PER FOOTNOTE "f" OF CBC TABLE 803.11)

FINISH SCHEDULE

FLOORING FINISHES

CARPET

C-1 — MANUFACTURER: TARKETT/TANDUS
STYLE NAME: TEXTURE MAP 11124
COLOR: LANDING ZONE 42808
SIZE: 24" X 24"
INSTALLATION: VERTICAL ASHLAR
LOCATION: OFFICES, CONFERENCE ROOMS
REP. : LESLIE FONCE, (510)862-6851

C-2 — MANUFACTURER: PATCRAFT
STYLE NAME: WALK FORWARD, ACCESS, 10533
COLOR: TREK, D0590
SIZE: 24" X 24"
INSTALLATION: MONOLITHIC
LOCATION: 1ST FLOOR RECEPTION
REP. : JON ANDERSON, (818)365-5496

LUXURY VINYL TILE

LVT-1 — MANUFACTURER: MANNINGTON
STYLE NAME: ACCESS+WOOD
COLOR: FROSTED OAK SX5V5020
SIZE: 5.41" X 39.37"
INSTALLATION: STAGGERED
LOCATION: BREAK ROOMS
REP. : TRACY KO, (805)594-1907

LVT-2 — ALTERNATE
MANUFACTURER: MOHAWK
STYLE NAME: BOLDER
COLOR: PEBBLE 925
SIZE: 36" X 36"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ALTERNATIVE TO EXPOSED CONCRETE
REP. : VALARY BRAL, (818)324-1977

COMPOSITION TILE

SDT-1 — MANUFACTURER: ARMSTRONG
STYLE NAME: STATIC DISSIPATIVE TILE
COLOR: 51953 PEARL WHITE
SIZE: 12" X 12"
LOCATION: SERVER ROOM

CERAMIC TILE

CT-1 — MANUFACTURER: DAL TILE
STYLE NAME: FABRIQUE
COLOR: BLANC LINEN, P685
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: RESTROOMS
REP. : IRVIN KELLER, (818)424-4048

CT-2 — MANUFACTURER: DAL TILE
STYLE NAME: CHORD
COLOR: CANON GRAY, CH22
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ELEVATOR LOBBY
REP. : IRVIN KELLER, (818)424-4048

CONCRETE FLOORS

CONC-1 — EXISTING CONCRETE TO REMAIN CLEAN, POLISH AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: THROUGHOUT

CONC-2 — EXISTING CONCRETE TO REMAIN CLEAN AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: AS NOTED

WALL FINISHES

WALL BASE

WB-1 — MANUFACTURER: JOHNSONITE
COLOR: TAB BEDROCK CG
SIZE: 4"
LOCATION: THROUGHOUT

PAINTS

P-1 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: EGGSHELL

P-2 — MANUFACTURER: DUNN EDWARDS
COLOR: DET612 "STIELGLITZ SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P-3 — MANUFACTURER: DUNN EDWARDS
COLOR: DET713 "STONE SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P-4 — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT

P-5 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW386 "PRECIOUS PEARLS"
FINISH: SEMI GLOSS
NOTE: RESTROOMS

P-6 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: FLAT

P-7 — MANUFACTURER: DUNN EDWARDS
COLOR: DEA 187 "BLACK"
FINISH: FLAT
NOTE: FIRE SPRINKLER LINES

P-X — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT WALL, P1, P2, P3 OR P4, USER TO DETERMINE

CERAMIC WALL TILE

CWT-1 — MANUFACTURER: EMSER
STYLE NAME: LOGIC
COLOR: WHITE, GLOSS
SIZE: 4" X 16"
INSTALLATION: STACKED
LOCATION: RESTROOMS
REP. : BRANDI SMITH, (818)717-5090

CWT-2 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: SERENE STORM, IB04
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (MEN'S)
REP. : IRVIN KELLER, (818)424-4048

CWT-3 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: TRANQUIL SNOW, IB01
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (WOMEN'S)
REP. : IRVIN KELLER, (818)424-4048

SOLID SURFACES

SS-1 — MANUFACTURER: CAESARSTONE
COLOR NAME: 4600 ORGANIC WHITE, POLISHED 3/4" SLAB
LOCATION: 1ST FLOOR RECEPTION TRANSACTION COUNTER

SS-2 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: CRYSTAL WHITE BQ850P, 3/4" SLAB, POLISHED
LOCATION: BREAK ROOM COUNTER & BACK SPLASH

SS-3 — MANUFACTURER: GORTSTONE
COLOR NAME: LUNA GRAY POLISHED G4055, 3/4" SLAB
LOCATION: RESTROOM COUNTERS

SS-4 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: MISTERIO POLISHED BQ881SP, 3/4" SLAB
LOCATION: MAIN LOBBY & BOARD ROOM TRANSACTION COUNTER

PLASTIC LAMINATES

PL-1 — MANUFACTURER: WILSONART
COLOR: ASIAN NIGHT, 7914K-18
FINISH: LINEARITY FINISH WITH AEON
LOCATION: LOWER CABINETS - BREAK ROOMS

PL-2 — MANUFACTURER: NEVAMAR
COLOR: ZEBRANO WHITE, WZ008O-TL
FINISH: TIMBERLINE FINISH
LOCATION: UPPER CABINETS - BREAK ROOMS

PL-3 — MANUFACTURER: NEVAMAR
COLOR: JET BLACK, S-80559M
FINISH: SUPER MATTE FINISH
LOCATION: TOE KICK AT 1ST FLOOR RECEPTION

PL-4 — MANUFACTURER: WILSONART
COLOR: LIMESTONE, 5620850-38
FINISH: TEXTURED/SUEDE FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION) & BOARD ROOM DESK

PL-5 — MANUFACTURER: NEVAMAR
COLOR: WROUGHT IRON, S-6054T
FINISH: TEXTURED FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)

FABRICS

F-1 — MANUFACTURER: ARC COM
STYLE NAME: APOLLO, AC-63358
COLOR NAME: CARIBBEAN, #8
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, BACK
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)905-7342

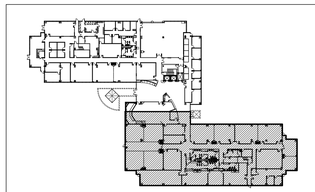
F-2 — MANUFACTURER: ARC COM
STYLE NAME: SPECTRUM, AC-63358
COLOR NAME: CHARCOAL, #40
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, SEATING
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)905-7342

WALL PANELS

WP-1 — MANUFACTURER: SUSTAINABLE FLOORING
STYLE NAME: TEKTURA RECYCLED
COLOR: JINGLE MIX DARK
SIZE: 12" X 60" X 3/8"
INSTALLATION: HORIZONTAL
LOCATION: 1ST FLOOR RECEPTION DESK
REP. : CINDY ORTIZ, (949) 535-2578

WP-2 — MANUFACTURER: ATI LAMINATES
STYLE NAME: MIRROFLEX, KALAHARI
COLOR: MATTE WHITE
SIZE: 4' X 10'
INSTALLATION: HORIZONTAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION
REP. : SUSAN NELLOR, (714) 337-2553

WP-3 — WOOD VENEER: WHITE OAK
CUT: PLAIN SLICED
COLOR: MATCH ARCHITECT'S SAMPLE (DARK BROWN GRAY)
INSTALLATION: VERTICAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION



pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818 991 0057 f 818 991 0093
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

1st FLR. WALL FIN. PLAN - SOUTH WING

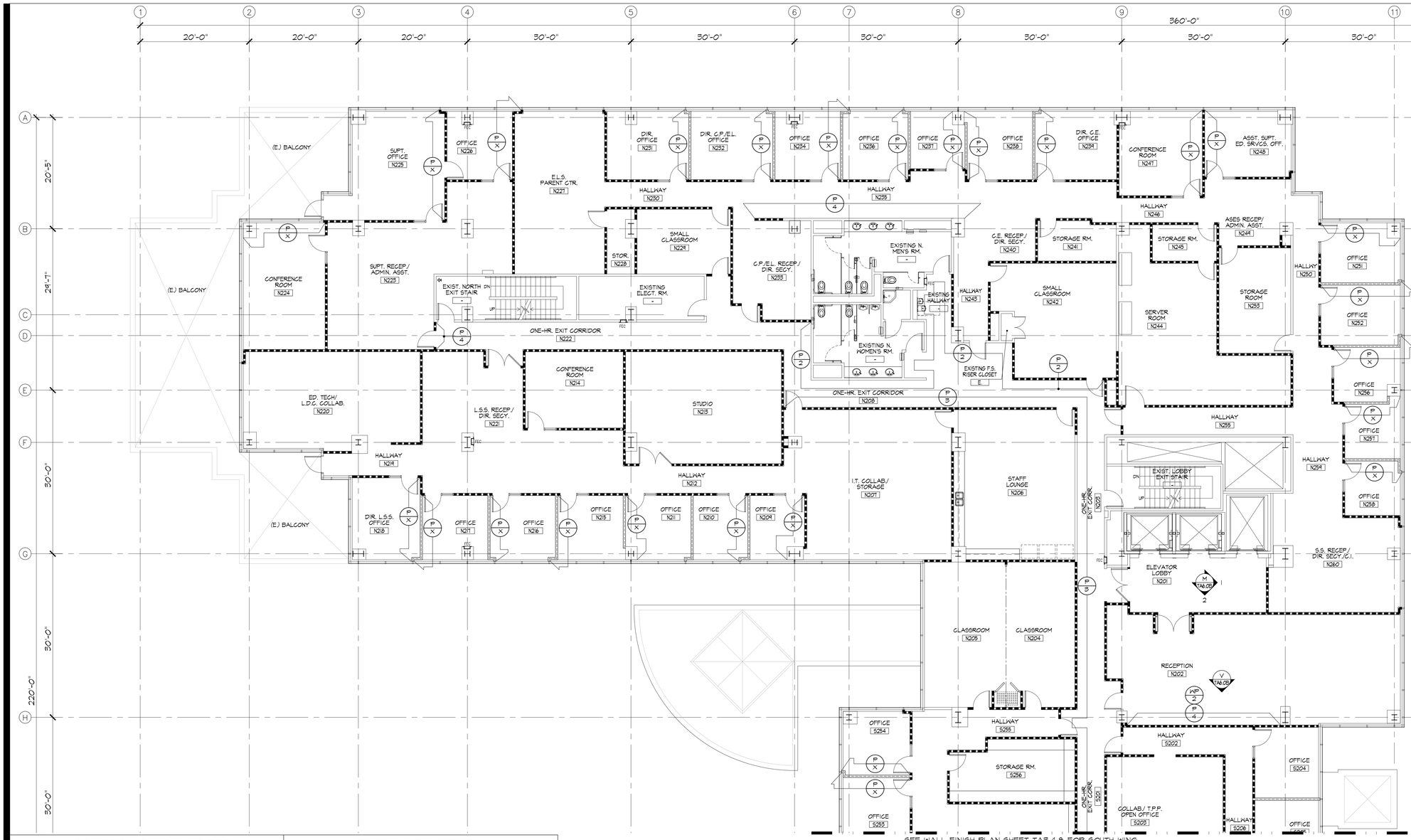
drawn by

project no 18-66.60

date

scale

TA3.4.6



SEE WALL FINISH PLAN SHEET TA3.4.8 FOR SOUTH WING

2nd FLOOR WALL FINISH PLAN - NORTH WING

SCALE: 1/8" = 1'-0"

NORTH

GENERAL FINISH NOTES

1. INSTALL ALL FINISHES PER MANUFACTURER'S PREFERRED RECOMMENDATIONS. PREP. FLOOR/WALL AS REQUIRED.
2. (RESERVED)
3. PROVIDE STRAIGHT BASE AT ALL CARPET, CONCRETE AND RESILIENT FLOORING WHERE NOTED.
4. PROVIDE VINYL (BLACK) REDUCER STRIP AT ALL CONCRETE-TO-CARPET AND CARPET-TO-RESILIENT TILE TRANSITIONS.
5. DIRECTION OF CARPET TILES AS INDICATED BY ARROWS ON PLANS.
6. PAINT THROUGHOUT TO BE (P-1) UNLESS NOTED OTHERWISE.
7. PROVIDE (P-6) PAINT ON ALL SOFFITS / HARD LID CEILINGS UNLESS NOTED OTHERWISE.
8. ALL PAINTS SHALL BE MINIMUM ONE (1) COAT OF PRIMER, OR MORE IF RECOMMENDED BY THE MANUFACTURER AND TWO (2) COATS OF FINISH COLOR.
9. VERIFY MANUFACTURER'S SPECIFICATIONS PRIOR TO PRICING AND PROVIDE PRIMER COATS FOR ALL COLOR THAT REQUIRE IT; PRIMERS TO BE ZERO V.O.C.
10. CARPET OR CARPET TILES ARE TO BE SECURELY ATTACHED AND HAVE A LEVEL LOOP, TEXTURED LOOP LEVEL-CUT PILE OR LEVEL-CUT/UNCUT PILE NOT EXCEEDING ½" IN HEIGHT. EXPOSED EDGES OF CARPET ARE TO BE FASTENED TO THE FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE.
11. ALL FLOOR TRANSITIONS BETWEEN ROOMS TO OCCUR AT CENTERLINE OF DOOR WHEN CLOSED, UNLESS NOTED OTHERWISE.
12. INSTALL SPECIFIED RUBBER BASE THROUGHOUT, U.N.O. USE "ROLLED GOODS" ONLY.
13. PLASTIC LAMINATE INSTALLED ON HORIZONTAL SURFACES TO BE MINIMUM 'GENERAL PURPOSE' GRADE AND TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
14. ALL CABINET DOOR AND DRAWER EDGES TO BE FINISHED IN PLASTIC LAMINATE TO MATCH FRONTS, NO EDGE BANDING.
15. ALL JOINTS WHERE MILLWORK PLASTIC LAMINATE MEETS DRYWALL ARE TO BE CAULKED IN COLOR TO EITHER MATCH PLASTIC LAMINATE OR PAINT ON WALL.

FINISH PLAN SYMBOLS LEGEND

- DIRECTION OF CARPET TILES OR PATTERN
- FLOOR FINISH TRANSITION
- P-2 — ACCENT WALLS

FINISH KEYNOTES

1. EXPOSED CONCRETE FLOOR THROUGHOUT, UNLESS NOTED OTHERWISE (CONC-1).
2. CLEAN, POLISH AND SEAL EXISTING EXPOSED CONCRETE EXCEPT WHERE OTHER FLOORING IS INSTALLED (CONC-1).
3. 2ND FLOOR EXPOSED CONCRETE: ALTERNATE PRICING TO PROVIDE LVT IN LIEU OF EXPOSED CONCRETE.
4. EXISTING FLOORING TO REMAIN.
5. GENERAL CONTRACTOR TO CONFIRM EXISTING FLOORING AT EXISTING STAIRS HAVE CONTRASTING STRIP AT TREADS.
6. RE-UPHOLSTER EXISTING BUILT-IN BENCH. REPAIR SEAT AND BACK CUSHION AS REQUIRED.
7. RE-STAIN EXISTING WOOD PANELS TO MATCH ARCHITECT'S SAMPLE. SAND, PATCH AND REPAIR AS REQUIRED.
8. EXISTING REVEALS TO REMAIN, NEW PAINT. PATCH AND REPAIR AS REQUIRED.
9. ALL EXPOSED STRUCTURE ABOVE TO BE PAINTED P-1. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
10. FIRE SPRINKLER LINES THROUGHOUT TO BE PAINTED P-7.

CODE REQUIREMENTS

INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803 OF THE CBC.

TABLE 803.11
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

OCCUPANCY GROUP IN SPRINKLERED BUILDING	INTERIOR EXIT STAIRWAYS & EXIT PASSAGE WAYS	CORRIDORS	ROOMS & ENCLOSED SPACES
A-3 *	B	B	C
B	B	C	C

CLASS B: FLAME SPREAD 26-75, SMOKE-DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD 76-200; SMOKE-DEVELOPED INDEX 0-450

* FOR A-3 OCCUPANCIES, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES , PANELING OR CHANCEL FURNISHING SHALL BE PERMITTED. (PER FOOTNOTE "f" OF CBC TABLE 803.11)

FINISH SCHEDULE

FLOORING FINISHES

CARPET

C-1 — MANUFACTURER: TARKETT/TANDUS
STYLE NAME: TEXTURE MAP 11124
COLOR: LANDING ZONE 42808
SIZE: 24" X 24"
INSTALLATION: VERTICAL ASHLAR
LOCATION: OFFICES, CONFERENCE ROOMS
REP. : LESLIE FONCE, (510)862-6851

C-2 — MANUFACTURER: PATCRAFT
STYLE NAME: WALK FORWARD, ACCESS, 10533
COLOR: TREK, 00590
SIZE: 24" X 24"
INSTALLATION: MONOLITHIC
LOCATION: 1ST FLOOR RECEPTION
REP. : JON ANDERSON, (818)365-5496

LUXURY VINYL TILE

LVT-1 — MANUFACTURER: MANNINGTON
STYLE NAME: ACCESS+WOOD
COLOR: FROSTED OAK 5X5V5020
SIZE: 5.41" X 36.37"
INSTALLATION: STAGGERED
LOCATION: BREAK ROOMS
REP. : TRACY KO, (805)594-1401

LVT-2 — ALTERNATE
MANUFACTURER: MOHAWK
STYLE NAME: BOLDER
COLOR: PEBBLE 925
SIZE: 36" X 36"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ALTERNATIVE TO EXPOSED CONCRETE
REP. : VALARY BRAL, (818)324-1977

COMPOSITION TILE

SDT-1 — MANUFACTURER: ARMSTRONG
STYLE NAME: STATIC DISSIPATIVE TILE
COLOR: 51953 PEARL WHITE
SIZE: 12" X 12"
LOCATION: SERVER ROOM

CERAMIC TILE

CT-1 — MANUFACTURER: DAL TILE
STYLE NAME: FABRIQUE
COLOR: BLANC LINEN, P685
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: RESTROOMS
REP. : IRVIN KELLER, (818)424-4048

CT-2 — MANUFACTURER: DAL TILE
STYLE NAME: CHORD
COLOR: CANON GRAY, CH22
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ELEVATOR LOBBY
REP. : IRVIN KELLER, (818)424-4048

CONCRETE FLOORS

CONC-1 — EXISTING CONCRETE TO REMAIN CLEAN, POLISH AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: THROUGHOUT

CONC-2 — EXISTING CONCRETE TO REMAIN CLEAN AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: AS NOTED

WALL FINISHES

WALL BASE

WB-1 — MANUFACTURER: JOHNSONITE
COLOR: TA6 BEDROCK CG
SIZE: 4"
LOCATION: THROUGHOUT

PAINTS

P-1 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: EGGSHELL

P-2 — MANUFACTURER: DUNN EDWARDS
COLOR: DET612 "STIELGLITZ SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P-3 — MANUFACTURER: DUNN EDWARDS
COLOR: DET713 "STONE SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P-4 — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT

P-5 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW386 "PRECIOUS PEARLS"
FINISH: SEMI GLOSS
NOTE: RESTROOMS

P-6 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: FLAT

P-7 — MANUFACTURER: DUNN EDWARDS
COLOR: DEA 187 "BLACK"
FINISH: FLAT
NOTE: FIRE SPRINKLER LINES

P-X — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT WALL, P1, P2, P3 OR P4, USER TO DETERMINE

CERAMIC WALL TILE

CWT-1 — MANUFACTURER: EMSER
STYLE NAME: LOGIC
COLOR: WHITE, GLOSS
SIZE: 4" X 16"
INSTALLATION: STACKED
LOCATION: RESTROOMS
REP. : BRANDI SMITH, (818)717-5090

CWT-2 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: SERENE STORM, IB04
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (MEN'S)
REP. : IRVIN KELLER, (818)424-4048

CWT-3 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: TRANQUIL SNOW, IB01
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (WOMEN'S)
REP. : IRVIN KELLER, (818)424-4048

SOLID SURFACES

SS-1 — MANUFACTURER: CAESARSTONE
COLOR NAME: 4600 ORGANIC WHITE, POLISHED 3/4" SLAB
LOCATION: 1ST FLOOR RECEPTION TRANSACTION COUNTER

SS-2 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: CRYSTAL WHITE BQ850P, 3/4" SLAB, POLISHED
LOCATION: BREAK ROOM COUNTER & BACK SPLASH

SS-3 — MANUFACTURER: CORTSTONE
COLOR NAME: LUNA GRAY POLISHED G4055, 3/4" SLAB
LOCATION: RESTROOM COUNTERS

SS-4 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: MISTERIO POLISHED BQ881SP, 3/4" SLAB
LOCATION: MAIN LOBBY & BOARD ROOM TRANSACTION COUNTER

PLASTIC LAMINATES

PL-1 — MANUFACTURER: WILSONART
COLOR: ASIAN NIGHT, 1964K-18
FINISH: LINEARITY FINISH WITH AEON
LOCATION: LOWER CABINETS - BREAK ROOMS

PL-2 — MANUFACTURER: NEVAMAR
COLOR: ZEBRANO WHITE, WZ008O-TL
FINISH: TIMBERLINE FINISH
LOCATION: UPPER CABINETS - BREAK ROOMS

PL-3 — MANUFACTURER: NEVAMAR
COLOR: JET BLACK, S-80535M
FINISH: SUPER MATTE FINISH
LOCATION: TOE KICK AT 1ST FLOOR RECEPTION

PL-4 — MANUFACTURER: WILSONART
COLOR: LIMESTONE, 5620850-38
FINISH: TEXTURED/SUEDE FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION) & BOARD ROOM DESK

PL-5 — MANUFACTURER: NEVAMAR
COLOR: WROUGHT IRON, S-6054T
FINISH: TEXTURED FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)

FABRICS

F-1 — MANUFACTURER: ARC COM
STYLE NAME: APOLLO, AC-63358
COLOR NAME: CARIBBEAN, #8
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, BACK
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)905-7342

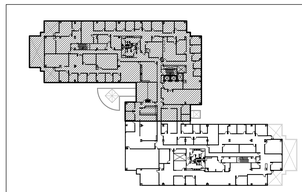
F-2 — MANUFACTURER: ARC COM
STYLE NAME: SPECTRUM, AC-63358
COLOR NAME: CHARCOAL, #40
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, SEATING
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)905-7342

WALL PANELS

WP-1 — MANUFACTURER: SUSTAINABLE FLOORING
STYLE NAME: TEKTURA RECYCLED
COLOR: JUNGLE MIX DARK
SIZE: 12" X 60" X 3/8"
INSTALLATION: HORIZONTAL
LOCATION: 1ST FLOOR RECEPTION DESK
REP. : CINDY ORTIZ, (949) 533-2578

WP-2 — MANUFACTURER: ATI LAMINATES
STYLE NAME: MIRROFLEX, KALAHARI
COLOR: MATTE WHITE
SIZE: 4' X 10'
INSTALLATION: HORIZONTAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION
REP. : SUSAN NELLOR, (714) 337-2553

WP-3 — WOOD VENEER: WHITE OAK
CUT: PLAIN SLICED
COLOR: MATCH ARCHITECT'S SAMPLE (DARK BROWN GRAY)
INSTALLATION: VERTICAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION



KEY PLAN

pk:a pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818 597 1005 7 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

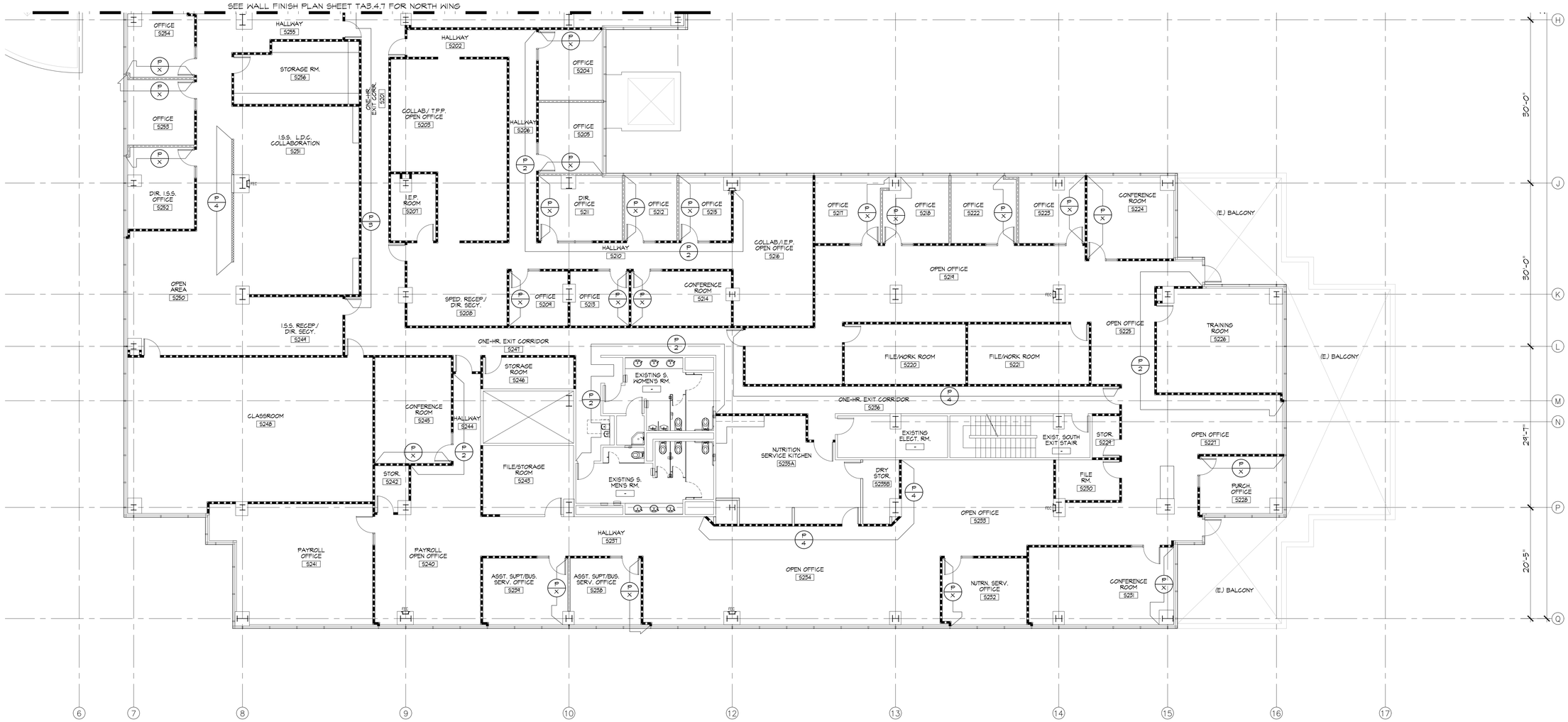
sheet title

2nd FLR. WALL FIN. PLAN - NORTH WING

drawn by
project no 18-66.60
date
scale

TA3.4.7

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA3.4.7-TA3.4.8-2nd Flr Wall Finish Plan.dwg, 2/21/2020 12:06:37 PM, DWG To PDF.p



GENERAL FINISH NOTES

1. INSTALL ALL FINISHES PER MANUFACTURER'S PREFERRED RECOMMENDATIONS. PREP, FLOOR/WALL AS REQUIRED.
2. (RESERVED)
3. PROVIDE STRAIGHT BASE AT ALL CARPET, CONCRETE AND RESILIENT FLOORING WHERE NOTED.
4. PROVIDE VINYL (BLACK) REDUCER STRIP AT ALL CONCRETE-TO-CARPET AND CARPET-TO-RESILIENT TILE TRANSITIONS.
5. DIRECTION OF CARPET TILES AS INDICATED BY ARROWS ON PLANS.
6. PAINT THROUGHOUT TO BE (P-1) UNLESS NOTED OTHERWISE.
7. PROVIDE (P-6) PAINT ON ALL SOFFITS / HARD LID CEILINGS UNLESS NOTED OTHERWISE.
8. ALL PAINTS SHALL BE MINIMUM ONE (1) COAT OF PRIMER, OR MORE IF RECOMMENDED BY THE MANUFACTURER AND TWO (2) COATS OF FINISH COLOR.
9. VERIFY MANUFACTURER'S SPECIFICATIONS PRIOR TO PRIGING AND PROVIDE PRIMER COATS FOR ALL COLOR THAT REQUIRE IT; PRIMERS TO BE ZERO V.O.C.
10. CARPET OR CARPET TILES ARE TO BE SECURELY ATTACHED AND HAVE A LEVEL LOOP, TEXTURED LOOP LEVEL-CUT PILE OR LEVEL-CUT/UNCUT PILE NOT EXCEEDING $\frac{1}{4}$" IN HEIGHT. EXPOSED EDGES OF CARPET ARE TO BE FASTENED TO THE FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE.
11. ALL FLOOR TRANSITIONS BETWEEN ROOMS TO OCCUR AT CENTERLINE OF DOOR WHEN CLOSED, UNLESS NOTED OTHERWISE.
12. INSTALL SPECIFIED RUBBER BASE THROUGHOUT, U.N.O. USE "ROLLED GOODS" ONLY.
13. PLASTIC LAMINATE INSTALLED ON HORIZONTAL SURFACES TO BE MINIMUM 'GENERAL PURPOSE' GRADE AND TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
14. ALL CABINET DOOR AND DRAWER EDGES TO BE FINISHED IN PLASTIC LAMINATE TO MATCH FRONTS, NO EDGE BANDING.
15. ALL JOINTS WHERE MILLWORK PLASTIC LAMINATE MEETS DRYWALL ARE TO BE CAULKED IN COLOR TO EITHER MATCH PLASTIC LAMINATE OR PAINT ON WALL.

FINISH PLAN SYMBOLS LEGEND

- DIRECTION OF CARPET TILES OR PATTERN
- FLOOR FINISH TRANSITION
- P-2 — ACCENT WALLS

FINISH KEYNOTES

1. EXPOSED CONCRETE FLOOR THROUGHOUT, UNLESS NOTED OTHERWISE (CONC-1).
2. CLEAN, POLISH AND SEAL EXISTING EXPOSED CONCRETE EXCEPT WHERE OTHER FLOORING IS INSTALLED (CONC-1).
3. 2ND FLOOR EXPOSED CONCRETE: ALTERNATE PRIGING TO PROVIDE LVT IN LIEU OF EXPOSED CONCRETE.
4. EXISTING FLOORING TO REMAIN.
5. GENERAL CONTRACTOR TO CONFIRM EXISTING FLOORING AT EXISTING STAIRS HAVE CONTRASTING STRIP AT TREADS.
6. RE-UPHOLSTER EXISTING BUILT-IN BENCH. REPAIR SEAT AND BACK CUSHION AS REQUIRED.
7. RE-STAIN EXISTING WOOD PANELS TO MATCH ARCHITECTS SAMPLE. SAND, PATCH AND REPAIR AS REQUIRED.
8. EXISTING REVEALS TO REMAIN, NEW PAINT, PATCH AND REPAIR AS REQUIRED.
9. ALL EXPOSED STRUCTURE ABOVE TO BE PAINTED P-1. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
10. FIRE SPRINKLER LINES THROUGHOUT TO BE PAINTED P-7.

CODE REQUIREMENTS

INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803 OF THE CBC:

TABLE 803.11
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

OCCUPANCY GROUP IN SPRINKLERED BUILDING	INTERIOR EXIT STAIRWAYS & EXIT PASSAGE WAYS	CORRIDORS	ROOMS & ENCLOSED SPACES
A-3 *	B	B	C
B	B	C	C

CLASS B: FLAME SPREAD 26-75, SMOKE-DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD 76-200, SMOKE-DEVELOPED INDEX 0-450

* FOR A-3 OCCUPANCIES, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES , PANELING OR CHANCEL FURNISHING SHALL BE PERMITTED. (PER FOOTNOTE "f" OF CBC TABLE 803.11)

2nd FLOOR WALL FINISH PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"

A – NORTH

FINISH SCHEDULE

FLOORING FINISHES

CARPET

C-1 — MANUFACTURER: TARKETT/TANDUS
STYLE NAME: TEXTURE MAP 11124
COLOR: LANDING ZONE 42808
SIZE: 24" X 24"
INSTALLATION: VERTICAL ASHLAR
LOCATION: OFFICES, CONFERENCE ROOMS
REP. : LESLIE FONCE, (310)962-6457

C-2 — MANUFACTURER: PATCRAFT
STYLE NAME: WALK FORWARD, ACCESS, 10533
COLOR: TREK, 00590
SIZE: 24" X 24"
INSTALLATION: MONOLITHIC
LOCATION: 1ST FLOOR RECEPTION
REP. : JON ANDERSON, (818)383-3496

LUXURY VINYL TILE

LVT-1 — MANUFACTURER: MANNINGTON
STYLE NAME: ACCESS-WOOD
COLOR: FROSTED OAK 5X59020
SIZE: 5.91" X 59.71"
INSTALLATION: STAGGERED
LOCATION: BREAK ROOMS
REP. : TRACY KO, (805)594-1907

LVT-2 — ALTERNATE
MANUFACTURER: MOHAWK
STYLE NAME: BOLDER
COLOR: PEBBLE 925
SIZE: 36" X 36"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ALTERNATIVE TO EXPOSED CONCRETE
REP. : VALARY BRAL, (818)324-1477

COMPOSITION TILE

SDT-1 — MANUFACTURER: ARMSTRONG
STYLE NAME: STATIC DISSIPATIVE TILE
COLOR: 51953 PEARL WHITE
SIZE: 12" X 12"
LOCATION: SERVER ROOM

CERAMIC TILE

CT-1 — MANUFACTURER: DAL TILE
STYLE NAME: FABRIQUE
COLOR: BLANC LINEN, F685
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: RESTROOMS
REP. : IRVIN KELLER, (818)424-4048

CT-2 — MANUFACTURER: DAL TILE
STYLE NAME: CHORD
COLOR: CANON GRAY, CH22
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ELEVATOR LOBBY
REP. : IRVIN KELLER, (818)424-4048

CONCRETE FLOORS

CONC-1 — EXISTING CONCRETE TO REMAIN CLEAN, POLISH AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: THROUGHOUT

CONC-2 — EXISTING CONCRETE TO REMAIN CLEAN AND SEAL
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: AS NOTED

WALL FINISHES

WALL BASE

WB-1 — MANUFACTURER: JOHNSONITE
COLOR: TA6 BEDROCK CG
SIZE: 4"
LOCATION: THROUGHOUT

PAINTS

P-1 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: EGGSHELL

P-2 — MANUFACTURER: DUNN EDWARDS
COLOR: DET612 "STIELGLITZ SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P-3 — MANUFACTURER: DUNN EDWARDS
COLOR: DET713 "STONE SILVER"
FINISH: EGGSHELL
NOTE: ACCENT

P-4 — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT

P-5 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW386 "PRECIOUS PEARLS"
FINISH: SEMI GLOSS
NOTE: RESTROOMS

P-6 — MANUFACTURER: DUNN EDWARDS
COLOR: DEW 380 "WHITE"
FINISH: FLAT

P-7 — MANUFACTURER: DUNN EDWARDS
COLOR: DEA 187 "BLACK"
FINISH: FLAT
NOTE: FIRE SPRINKLER LINES

P-X — MANUFACTURER: DUNN EDWARDS
COLOR: DET714 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT WALL, P1, P2, P3 OR P4, USER TO DETERMINE

CERAMIC WALL TILE

CWT-1 — MANUFACTURER: EMSER
STYLE NAME: LOGIC
COLOR: WHITE, GLOSS
SIZE: 4" X 16"
INSTALLATION: STACKED
LOCATION: RESTROOMS
REP. : BRANDI SMITH, (818)717-5090

CWT-2 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: SERENE STORM, IB04
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (MEN'S)
REP. : IRVIN KELLER, (818)424-4048

CWT-3 — MANUFACTURER: DAL TILE
STYLE NAME: IDYLLIC BLENDS
COLOR: TRANQUIL SNOW, IB01
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (WOMEN'S)
REP. : IRVIN KELLER, (818)424-4048

SOLID SURFACES

SS-1 — MANUFACTURER: CAESARSTONE
COLOR NAME: 4600 ORGANIC WHITE, POLISHED 3/4" SLAB
LOCATION: 1ST FLOOR RECEPTION TRANSACTION COUNTER

SS-2 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: CRYSTAL WHITE BQ8SOP, 3/4" SLAB, POLISHED
LOCATION: BREAK ROOM COUNTER & BACK SPLASH

SS-3 — MANUFACTURER: GORTSTONE
COLOR NAME: LUNA GRAY POLISHED G4055, 3/4" SLAB
LOCATION: RESTROOM COUNTERS

SS-4 — MANUFACTURER: PENTAL QUARTZ
COLOR NAME: MISTERIO POLISHED BQ8815P, 3/4" SLAB
LOCATION: MAIN LOBBY & BOARD ROOM TRANSACTION COUNTER

PLASTIC LAMINATES

PL-1 — MANUFACTURER: WILSONART
COLOR: ASIAN NIGHT, 7949K-18
FINISH: LINEARITY FINISH WITH AEON
LOCATION: LOWER CABINETS - BREAK ROOMS

PL-2 — MANUFACTURER: NEVAMAR
COLOR: ZEBRANO WHITE, MZ0080-TL
FINISH: TIMBERLINE FINISH
LOCATION: UPPER CABINETS - BREAK ROOMS

PL-3 — MANUFACTURER: NEVAMAR
COLOR: JET BLACK, S-6035SM
FINISH: SUPER MATTE FINISH
LOCATION: TOE KICK AT 1ST FLOOR RECEPTION

PL-4 — MANUFACTURER: WILSONART
COLOR: LIMESTONE, SG2085D-38
FINISH: TEXTURED/SUEDE FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION) & BOARD ROOM DESK.

PL-5 — MANUFACTURER: NEVAMAR
COLOR: WROUGHT IRON, S-6054T
FINISH: TEXTURED FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)

FABRICS

F-1 — MANUFACTURER: ARC COM
STYLE NAME: APOLLO, AC-63358
COLOR NAME: CARIBBEAN, #8
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, BACK
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)903-1342

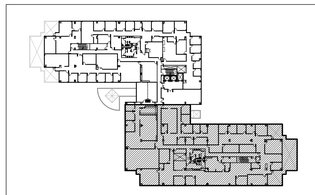
F-2 — MANUFACTURER: ARC COM
STYLE NAME: SPECTRUM, AC-63358
COLOR NAME: CHARCOAL, #40
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH, SEATING
NOTE: MUST BE FR FREE
REP. : STACY NOCHENSON, (310)903-1342

WALL PANELS

WP-1 — MANUFACTURER: SUSTAINABLE FLOORING
STYLE NAME: TEXTURA RECYCLED
COLOR: JUNGLE MIX DARK
SIZE: 12" X 60" X 3/8"
INSTALLATION: HORIZONTAL
LOCATION: 1ST FLOOR RECEPTION DESK
REP. : CINDY ORTIZ, (949) 533-2578

WP-2 — MANUFACTURER: ATI LAMINATES
STYLE NAME: MIRROFLEX, KALAHARI
COLOR: MATTE WHITE
SIZE: 4' X 10'
INSTALLATION: HORIZONTAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION
REP. : SUSAN NELLOR, (714) 531-2553

WP-3 — WOOD VENEER: WHITE OAK
CUT: PLAIN SLICED
COLOR: MATCH ARCHITECTS SAMPLE (DARK BROWN GRAY)
INSTALLATION: VERTICAL
LOCATION: BACK WALL AT 1ST & 2ND FLOORS RECEPTION


KEY PLAN

pk:architecture
5126 clareton drive : suite 110
agoura hills, california 91301
v 818.597.1005 7 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

2nd FLR. WALL FIN. PLAN - SOUTH WING

drawn by

project no 18-66.60

date

scale

TA3.4.8

F:\PROJECTS\18-66.60 Fit Plan Oxnard Union High School District\04 Drawings\04 TI-CDs\TA4.0-New Enlarged 1st Flr Restroom Plan.dwg, 2/24/2020 12:42:26 PM, DWG To PDF.p

ACCESSORIES SCHEDULE / KEYNOTES

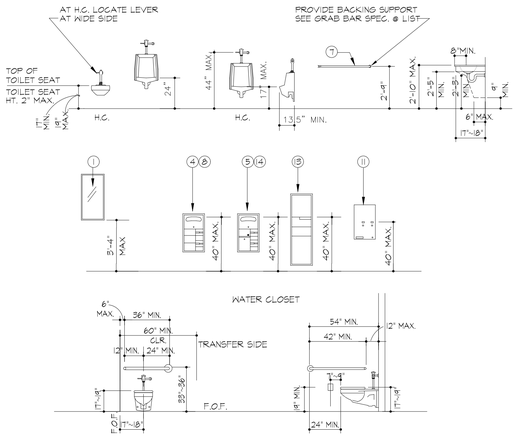
1. B-2908 LAMINATED 1/4" FLOAT/PLATE GLASS MIRROR WITH 15-YEAR SILVER SPOILAGE WARRANTY. BACK PROTECTED WITH 1/8" POLYETHYLENE PADDING. SIZE: 48" H. X FULL WIDTH.
2. HEADRAIL BRACED TOILET PARTITIONS; 72" HIGH DOORS AND PANELS (MFR.: "ELITE PLUS" BY HADRIAN, INC.) FINISH: METAL WITH BAKED ON HIGH PERFORMANCE POWDER COATING. COLOR TO BE SELECTED BY ARCHITECT.
3. 18" WIDE URINAL SCREEN TO MATCH TOILET PARTITION. COLOR TO BE SELECTED BY ARCHITECT.
4. B-3474 RECESSED-MOUNTED TOILET SEAT COVER DISPENSER AND TOILET TISSUE DISPENSER AT MEN'S RESTROOM
4.2. B-3471 PARTITION MOUNTED TOILET SEAT COVER AND TOILET TISSUE DISPENSER (SERVES TWO TOILET COMPARTMENTS)
4.3. B-3479 SURFACE MOUNTED TOILET SEAT COVER AND TOILET TISSUE DISPENSER.
5.1. B-3574 RECESSED TOILET SEAT COVER NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER.
5.2. B-357 PARTITION-MOUNTED TOILET SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL & TOILET TISSUE DISPENSER (SERVES TWO COMPARTMENTS AT WOMEN'S RR)
5.3. B-3574 SURFACE MOUNTED TOILET SEAT COVER NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER.
6. B-8226 COUNTERTOP MOUNTED ALL PURPOSE SOAP DISPENSER.
7. B-5851.99 1 1/4"Ø TWO WALL GRAB BAR (EXTEND 24" MINIMUM BEYOND LIP OF WATER CLOSET) FOR ATTACHMENT, USE B-256 ANCHOR PLATES AT STUD WALL AND B-258 AT TOILET COMPARTMENT PANELS (SEE DETAIL G/TA6.2).
8. (RESERVED)
9. B-6871 SURFACE MOUNTED DOOR BUMPER, TYP. AT MAIN ENTRY SOLID WOOD CORE DOOR & HC COMPARTMENT DOOR.
10. (RESERVED)
11. B-37063 50 RECESSED SANITARY NAPKIN/TAMPON VENDOR. SINGLE-COIN OPERATION (VERIFY COIN AMOUNT WITH OWNER).
12. (RESERVED)
13. B-43944 RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE.
14. B-3571 PARTITION MOUNTED TOILET SEAT COVER, NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER AT WOMEN'S ADA STALL.
15. B-212 CLOTHES HOOK AND BUMPER, TYP. AT COMPARTMENT DOOR.
16. (NOT USED)
17. AMERICAN STANDARD WALL-MOUNTED WATER CLOSET, SEE PLUMBING DWGS.
18. AMERICAN STANDARD WALL-HUNG URINAL, SEE PLUMBING DWGS.
19. 1/4" THK. X 12" WIDTH X 18" LONG SIDES EQUILATERAL TRIANGLE, MOUNTED 60" HIGH, CONTRASTING COLOR FROM DOOR/WALL PER CALIFORNIA TITLE 24 "MEN" SIGNAGE. SEE RESTROOM SIGNAGE STANDARDS BELOW.
20. 1/4" THK. X 60" DIA. CIRCLE MOUNTED 60" HIGH, CONTRASTING COLOR FROM DOOR/WALL PER CALIFORNIA TITLE 24 "WOMEN" SIGNAGE. SEE RESTROOM SIGNAGE STANDARDS BELOW.
21. TOILET ROOM FLOORS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE, TO A HEIGHT OF 4-FT. ABOVE THE FLOOR (CBC, SEC 1210.2)
22. FLOOR DRAIN, TYPICAL
23. STONE THRESHOLD

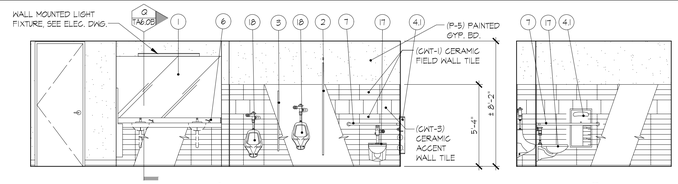
GENERAL NOTES

1. ALL TOILET GYP. BOARD SHALL BE 5/8" TYPE "X" WATER RESISTANT BOARD.
2. INSULATE ALL HOT WATER PIPES UNDERNEATH SINK W/ APPROVED UNITIZED PIECE INSULATION WRAP. (UPC 1504.2)
3. ACCESSORIES MODEL # "B-..." INDICATE MFR. "BOBRICK" AND TYPE 304, 18-8 STAIN FINISH STAINLESS STEEL, UNLESS NOTED OTHERWISE.
4. ALL RESTROOM DIMENSIONS ARE TO FACE OF FINISH (F.O.F.), UNLESS NOTED OTHERWISE.
5. TOILET ROOM CLEARANCES & HEIGHTS TO COMPLY WITH "ADA" REQUIREMENTS AND "CAC" REQUIREMENTS.
6. REFER TO SHEET TA0.2 FOR TOILET ROOM ACCESSIBLE NOTES.
7. SEE PARTITION PLAN FOR ALL WALL TYPE REFERENCES.
8. WHERE GRAB BAR OCCURS AT DRYWALL, PROVIDE ANCHOR PLATES- 256 SERIES OR 258 FOR TOILET COMPARTMENTS.
9. PROVIDE BLOCKING/ SUPPORTS AT WALL MOUNTED FIXTURES AS REQUIRED.
10. A.) PROVIDE LOW-FLUSH WATER SAVING WATER CLOSET PER 2016 CPC. FLUSH VOLUME SHALL NOT EXCEED 1.28 GALLONS PER FLUSH.

    B.) PROVIDE LOW-FLUSH WATER SAVING URINAL PER 2016 CPC. URINALS SHALL USE NO MORE THAN 0.5 GALLONS PER FLUSH.
11. THE FAUCET CONTROLS AND THE OPERATING MECHANISM (OPERABLE WITH ONE HAND) SHALL BE OF THE TYPE NOT REQUIRING AN OPERATING FORCE EXCEEDING 5 LBF. OR TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. (UPC 1504.3)
12. ANY SELF-CLOSING VALVES, IF USED, ARE TO REMAIN OPEN FOR AT LEAST 10 SECONDS. (UPC 1504.3)
13. TOILET ROOMS SHALL BE PROVIDED WITH A MECHANICALLY OPERATED EXHAUST SYSTEM CAPABLE OF PROVIDING A COMPLETE CHANGE OF AIR EVERY 15 MINUTES. IT SHALL BE CONNECTED DIRECTLY TO THE OUTSIDE AND THE POINT OF DISCHARGE SHALL BE AT LEAST 3 FEET FROM ANY OPENING THAT ALLOWS AIR ENTRY INTO OCCUPIED PORTIONS OF THE BUILDING. SEC 1202.2.1

STANDARD TOILET FIXTURES / ACCESSORIES MOUNTING HEIGHTS



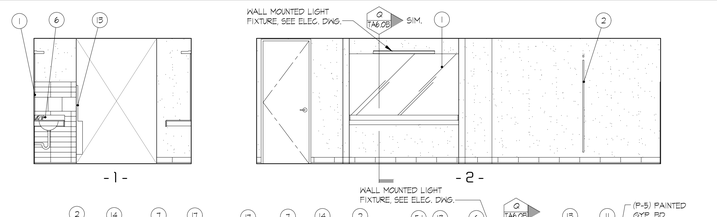


- 1 -
- 2 -
- 3 -
- 4 -

MEN'S EMPLOYEE RESTROOM-S121 ELEVATIONS

SCALE: 1/4" = 1'-0"

C

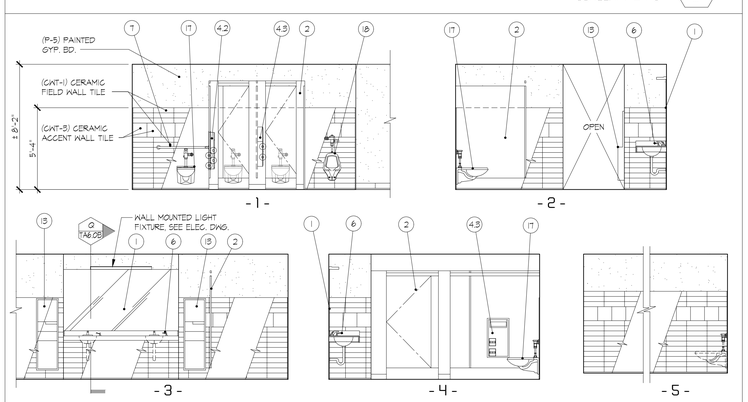


- 1 -
- 2 -
- 3 -
- 4 -

WOMEN'S EMPLOYEE RESTROOM-S123 ELEVATIONS

SCALE: 1/4" = 1'-0"

D

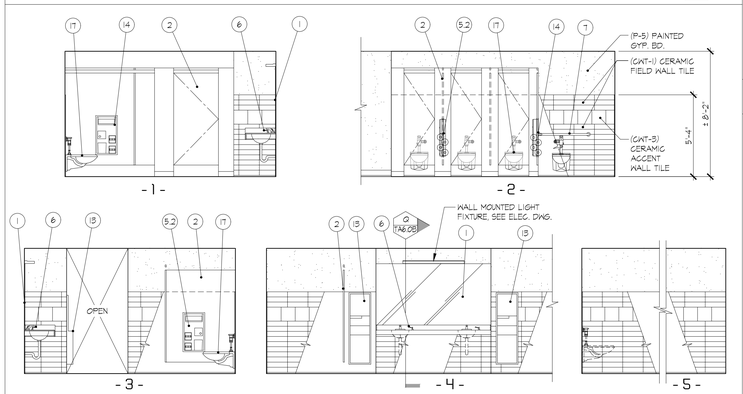


- 1 -
- 2 -
- 3 -
- 4 -
- 5 -

MEN'S EXPANSION RESTROOM-S124 ELEVATIONS

SCALE: 1/4" = 1'-0"

E

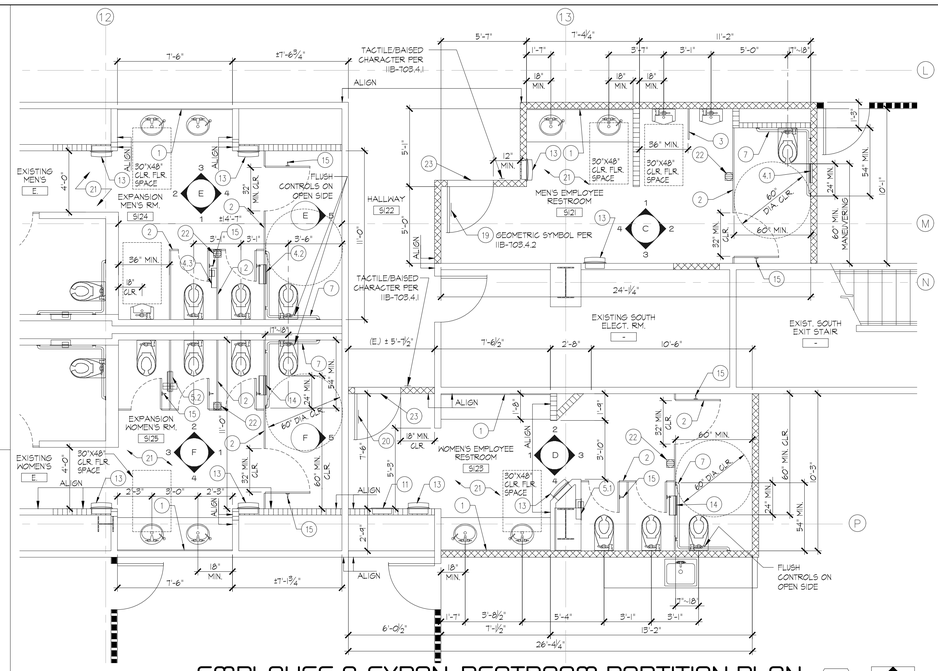


- 1 -
- 2 -
- 3 -
- 4 -
- 5 -

WOMEN'S EXPANSION RESTROOM-S125 ELEVATIONS

SCALE: 1/4" = 1'-0"

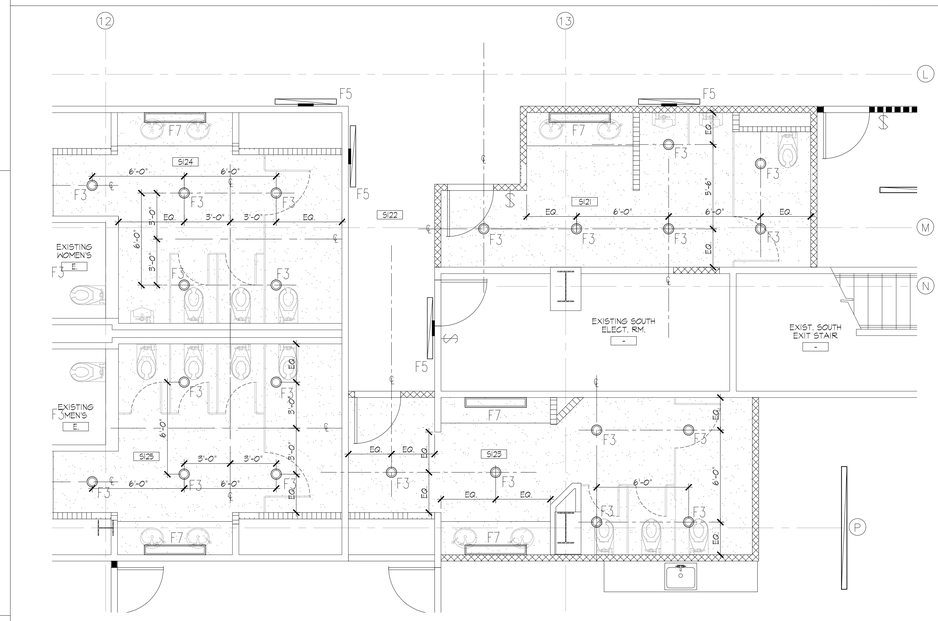
F



EMPLOYEE & EXPAN. RESTROOM PARTITION PLAN

SCALE: 1/4" = 1'-0"

A



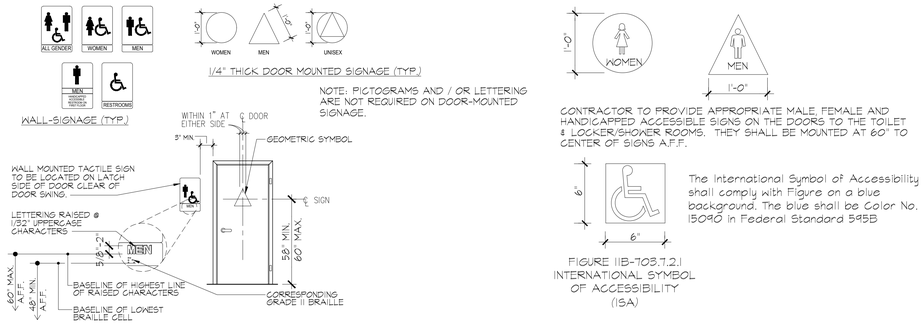
EMPLOYEE & EXPAN. RESTROOM REF. CEILING PLAN

SCALE: 1/4" = 1'-0"

B

NORTH

IDENTIFICATION SYMBOLS FOR SANITARY FACILITIES



pk:a
pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818.597.1000 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

ENLARGED RESTROOM PARTITION PLAN & REFLECTED CLG. PLAN

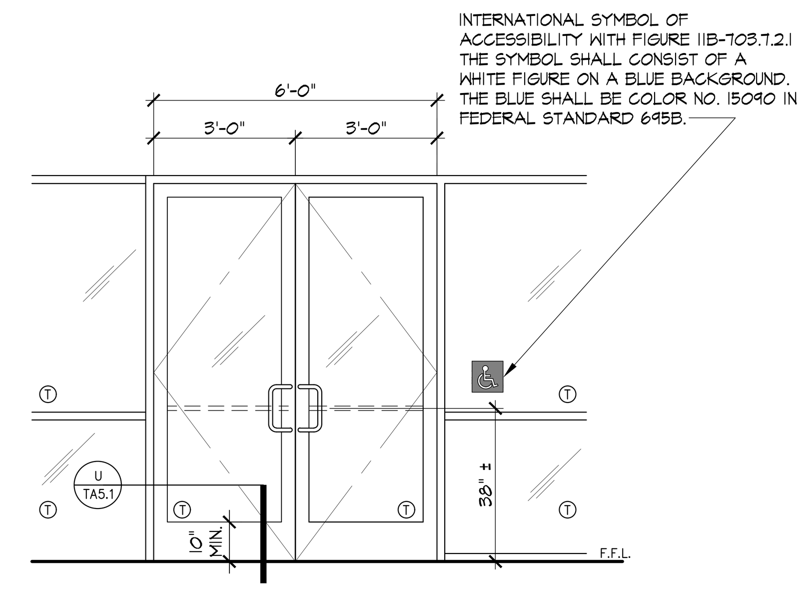
drawn by

project no 18-66.60

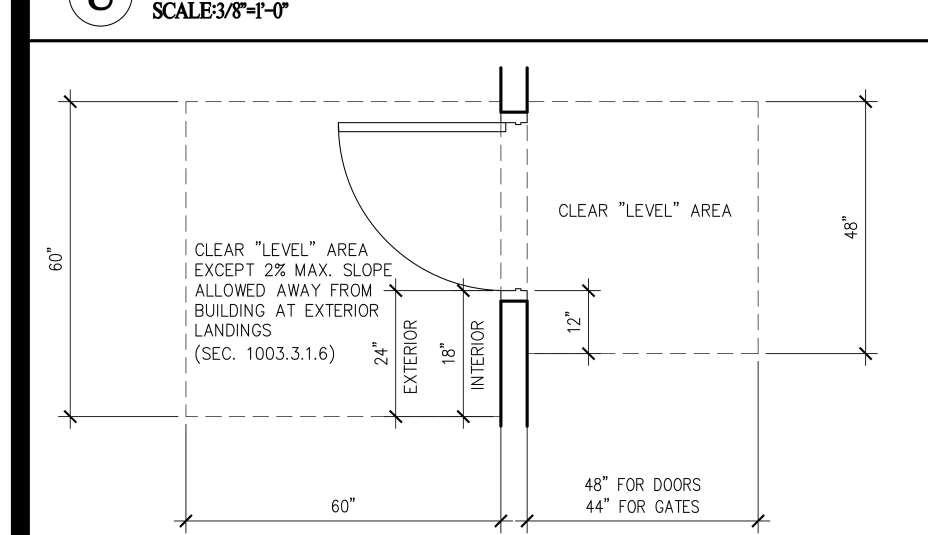
date

scale

TA4.0



U INT'L SYSMBOL OF ACCESSIBILITY @ ENTRANCE
SCALE:3/8"=1'-0"



WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60" X 60" AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK, AND NOT LESS THAN 48" WIDE BY 48" DEEP AT A DOOR THAT SWINGS AWAY FROM THE WALK. (SEC. 1133B.7.5)
WALKS SHALL EXTEND A MINIMUM OF 24" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK. (SEC. 1133B.7.5. FIG. 11B-26B)

V CLEAR LEVEL AREAS AT DOORS
SCALE:1/2"=1'-0"

HARDWARE GROUPS

NOTE: SEE HARDWARE LIST ON THIS SHEET FOR SPECIFIED ITEMS.

1. EXTERIOR STOREFRONT DOUBLE DOOR: MORTISE LOCKSET, 3-POINT DEADBOLT, EXTERIOR PULL, INTERIOR PULL BAR, FULL-MORTISE HINGE, CONCEALED CLOSER, WEATHER SEALS, THRESHOLD, DUST PROOF STRIKE, EXTERIOR DOOR BOTTOM, & STOP.

1.1 EXTERIOR STOREFRONT DOOR: MORTISE LOCKSET, PANIC DEVICE, FULL-MORTISE HINGE, CONCEALED CLOSER, WEATHER SEALS, THRESHOLD, EXTERIOR DOOR BOTTOM, & STOP.

2. INTERIOR OFFICE: CYLINDRICAL PASSAGE SET, HINGES, & STOP.

3. INTERIOR OFFICE: CYLINDRICAL OFFICE LOCKSET, HINGES, & STOP. SEE REMARKS WHERE REQUIRED TO HAVE ELECTRIFIED LOCKS FOR F.O.B. ACCESS.

4. INTERIOR STORAGE: CYLINDRICAL STORAGE LOCKSET, HINGES, & STOP.

4.1 INTERIOR DOUBLE DOOR (STORAGE ROOM): CYLINDRICAL STORAGE LOCKSET, HINGES, MANUAL FLUSH BOLTS TOP & BOTTOM & STOP.

4.2 INTERIOR STORAGE: CYLINDRICAL STORAGE LOCKSET, HINGES, CLOSERS, THRESHOLD, SMOKE SEALS & STOP.

5. INTERIOR RESTROOM: PUSH PLATE/DOOR PULL, CLOSER, KICK PLATE (BOTH SIDES OF DOOR) & STOP.

6. INTERIOR RESTROOM: CYLINDRICAL PASSAGE SET, HINGES, CLOSER, SEALS, 1/2" THRESHOLD, KICK PLATES (BOTH SIDES OF DOOR) & STOP.

6.1 INTERIOR RESTROOM: CYLINDRICAL LOCKSET, HINGES, CLOSER, SEALS, 1/2" THRESHOLD, KICK PLATES (BOTH SIDES OF DOOR) & STOP. ELECTRIFIED LOCKS FOR CARD READER.

7. INTERIOR DOOR: CYLINDRICAL CLASSROOM LOCKSET, HINGES, CLOSER, SEALS, & STOPS. SEE REMARKS FOR THRESHOLD AND DOOR BOTTOMS. (SEE REMARKS FOR PANIC DEVICE WHERE REQUIRED.)

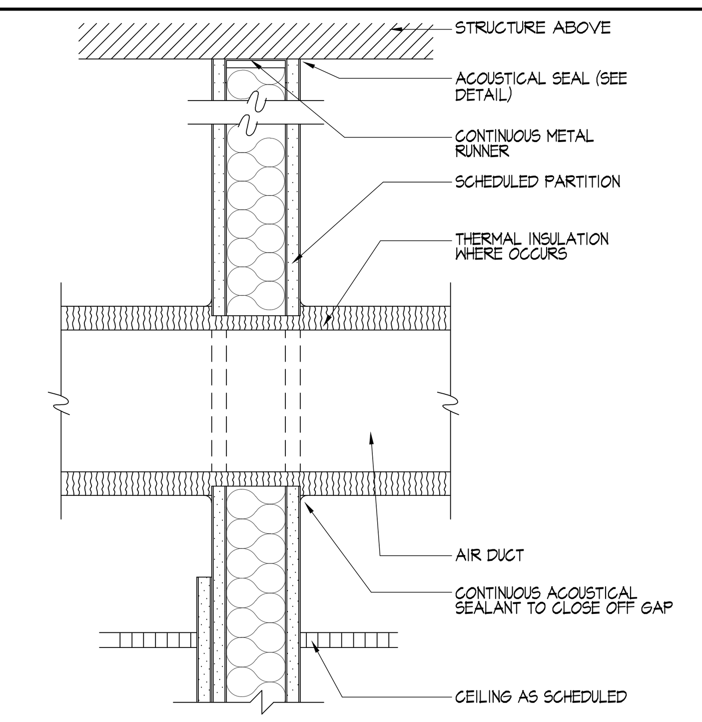
8. INTERIOR DOUBLE DOOR: CYLINDRICAL CLASSROOM LOCKSET ON ACTIVE LEAF ONLY, HINGES, CLOSERS, COORDINATOR, AUTO FLUSH BOLTS TOP & BOTTOM, DUST PROOF STRIKE, ASTRAGAL, SEALS, & STOPS. SEE REMARKS FOR THRESHOLD AND DOOR BOTTOMS.

8.1 INTERIOR SOUND CONTROL DOUBLE DOORS: OFFICE LOCK WITH MATCHING LEVER ON EXTERIOR OF ACTIVE LEAF, PANIC DEVICE ON ACTIVE LEAF, RIM LATCHING WITH STRIKE ON INACTIVE LEAF, HINGES, CLOSERS, COORDINATOR, AUTO FLUSH BOLTS TOP & BOTTOM, DUST PROOF STRIKE, ASTRAGAL, THRESHOLD, SOUND SEALS, & STOPS. SEE DETAIL -/- FOR THRESHOLD AND DOOR BOTTOMS.

9. INTERIOR SOUND CONTROL DOOR: OFFICE LOCK WITH MATCHING LEVER ON EXTERIOR SIDE, PANIC DEVICE, HINGES, CLOSERS, THRESHOLD, SOUND SEALS, & STOPS. SEE DETAIL -/- FOR THRESHOLD AND DOOR BOTTOMS.

10. INTERIOR SOUND CONTROL OFFICE DOOR: CYLINDRICAL OFFICE LOCKSET, HINGES, CLOSERS, THRESHOLD, SOUND SEALS, & STOPS. SEE REMARKS FOR THRESHOLD AND DOOR BOTTOMS.

11. INTERIOR FIRE RATED EXIT DOOR: MORTISE LOCKSET, PANIC DEVICE, HINGES, CLOSERS, THRESHOLD, SMOKE SEALS, & STOPS. SEE REMARKS WHERE REQUIRED TO HAVE ELECTRIFIED LOCKS FOR F.O.B. ACCESS.



PENETRATIONS OF ACOUSTICAL PARTITIONS BY DUCTWORK SHALL BE ACOUSTICALLY SEALED AS SHOWN. ANY GAP LARGER THAN 1/2" SHALL BE COVERED WITH GYPSUM BOARD, LAPPED A MINIMUM OF 2" AND SCREWED BEFORE USING ACOUSTICAL SEALANT.

V DUCT PENETRATION OF SOUND PARTITION
1-1/2"=1'-0"

DOOR AND HARDWARE NOTES

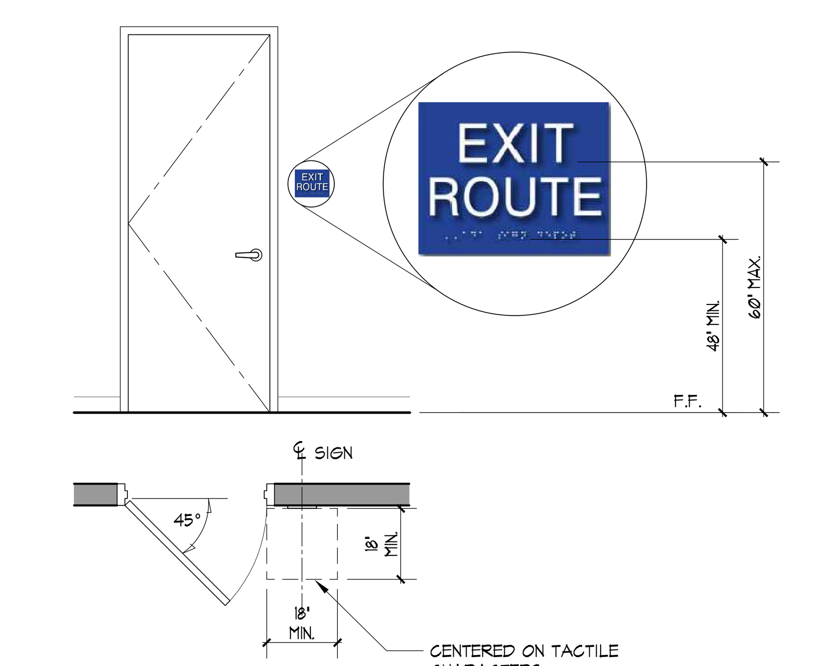
1. ALL HARDWARE FINISH TO MATCH 626 SATIN CHROME FINISH.
2. INTERIOR DOOR FRAMES TO BE "TIMELY" STEEL FRAME IN PRE-FINISH BLACK COLOR.
3. INTERIOR WOOD DOORS TO BE SOLID CORE STAIN GRADE FINISH DOORS, UNLESS NOTED OTHERWISE.
4. DOOR SUPPLIER TO VERIFY DOOR UNDERCUT DIMENSIONS WITH FLOOR FINISH, DOOR BOTTOM AND THRESHOLD REQUIREMENTS.
5. RE-USE EXISTING SALVAGED DOORS WHERE POSSIBLE AND ONLY IF REPLACEABLE WITH "CORBIN RUSSWIN" HARDWARE (NO SUBSTITUTION ALLOWED).
6. ALL LOCKSETS AND CYLINDERS ON DOORS SHALL BE PROVIDED W/ REMOVABLE CYLINDERS.
7. EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
8. PROVIDE DOOR STOPS AT ALL DOORS OF A TYPE AS NEEDED.
9. VERIFY AND CONFIRM THE DIRECTION OF SWING FOR ALL DOORS ON THE FLOOR PLANS.
10. ALL DOOR FRAMES SHALL HAVE SILENCER BUTTONS EXCEPT WHERE SEALS ARE PROVIDED.
11. THE EXTERIOR FLOOR LANDING SHALL BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY. (1133B.2.4.1)
12. MAXIMUM EFFORT TO OPERATE EXTERIOR AND INTERIOR DOORS SHALL NOT EXCEED 5 POUNDS, WITH SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS.
13. EACH PANE OF SAFETY GLAZING INSTALLED IN HAZARDOUS LOCATIONS SHALL BE IDENTIFIED BY A MANUFACTURER'S DESIGNATION SPECIFYING WHO APPLIED THE DESIGNATION, THE MANUFACTURER OR INSTALLER AND THE SAFETY-GLAZING STANDARD. THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSED OF SAFETY GLAZING. GLAZING IN: (CBC, SEC 2406)
    a. SWING DOORS.
    b. FIXED OR OPERABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN 24 INCHES ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE.
14. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 0.50" IN HEIGHT. 0.75" IN HEIGHT FOR SLIDING DOORS SERVING DWELLING UNITS (CBC, SEC. 1008.1.7)
15. DOORS SHALL NOT PROJECT MORE THAN 7" INTO THE REQUIRED CORRIDOR WIDTH OR AT LANDINGS WHEN FULLY OPENED AND NOT MORE THAN 50% IN ANY POSITION. (CBC, SEC. 1008.4)
16. EVERY REQUIRED EXIT DOORWAY SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES, SHALL HAVE A MINIMUM CLEAR OPENING OF 32 INCHES, AND SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3 FEET IN WIDTH AND 6 FEET 8 INCHES IN HEIGHT. (CBC SEC. 1133B.2.2)
17. THE MAXIMUM WIDTH OF A SWINGING EXIT DOOR LEAF SHALL BE 48" NOMINAL.
18. EXIT DOOR SHALL BE SIDE-HINGED SWINGING TYPE.
19. (T) INDICATES TEMPERED GLASS.

DOOR KEYNOTES

(1) MOUNT F.O.B. READER NO HIGHER THAN 48" FROM FINISHED FLOOR.
(2) WHERE EXISTING RAISED FLOORING HAS BEEN REMOVED, FILL IN VOID AT DOOR HEAD ABOVE AS REQUIRED FOR NEW DOOR HEAD HEIGHT.
(3) EXIT STAIRWAY DOORS SHALL BE PROVIDED WITH ELECTRONIC LATCH PANIC DEVICE WITH DEFAULT "LOCK" (IN CASE OF POWER FAILURE) TO BE RELEASED ONLY BY A FIRE COMMAND CENTER OR A SIGNAL BY EMERGENCY PERSONNEL FROM A SINGLE LOCATION INSIDE THE MAIN ENTRANCE TO THE BUILDING. (2016 CBC SEC. 1010.1.9.11 EXCEPTION #3)
(4) PROVIDE ALTERNATE PRICING TO OMIT FIRE-RATED GLASS SIDELIGHTS IN ONE-HOUR RATED EXIT CORRIDOR.

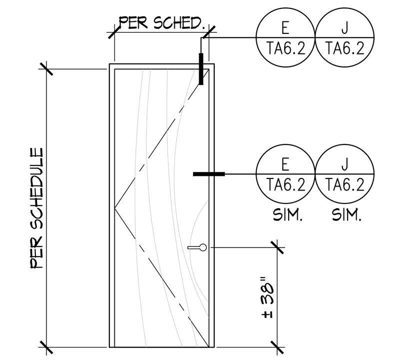
HARDWARE LIST

DOOR PULLS	TRIMCO # 1191-4, 1" DIA. x 12", STAINLESS STEEL OR MATCH EXISTING
MORTISE LOCKSETS	CORBIN RUSSWIN - ML2000 SERIES
CYLINDERS LOCKSETS	CORBIN RUSSWIN - CL3300 SERIES
LATCHSETS	
LEVERS	CORBIN RUSSWIN - "LUSTRA"
PANIC DEVICES	CORBIN RUSSWIN - ED4000 / ED5000 SERIES
PUSH PLATES & PULLS	ROCKWOOD PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR SERIES
HINGES	McKINNEY PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR ACCESSORIES PEMKO PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR ACCESSORIES
CLOSERS	CORBIN RUSSWIN - DC6000 SERIES; SURFACE MOUNTED (HEAVY DUTY) CORBIN RUSSWIN - UNITROL SERIES; SURFACE MOUNTED (UNITROL)
MAN. FLUSH BOLTS	ROCKWOOD PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR SERIES
AUTO FLUSH BOLTS	ROCKWOOD PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR SERIES
STOPS	ROCKWOOD PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR SERIES
COORDINATOR	GLYNN-JOHNSON - COR SERIES
DUST PROOF STRIKES	GLYNN-JOHNSON - DP2
THRESHOLDS	PEMKO - NO. 271-A AT INTERIOR WOOD DOORS PEMKO - NO. 158-A AT H.M. DOORS PEMKO - NO. 2727-A AT GLASS DOORS
DOOR BOTTOMS	PEMKO - NO. 345 A AT GLASS DOORS PEMKO - NO. 2221 AV AT H.M. DOORS.
SEALS	PEMKO - NO. S88 W PEMKO - NO. 350 AT SOUND DOOR CONDITIONS
ASTRAGAL	PEMKO - NO. 355 CV
KICK PLATES	TRIMCO # K0050 - 16", STAINLESS STEEL (BOTH SIDES OF DOOR)



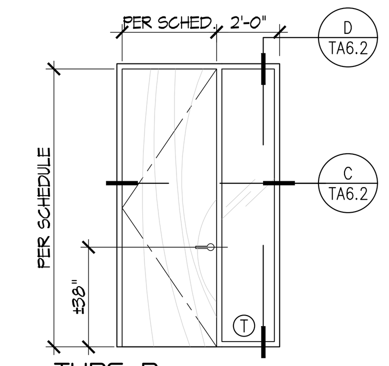
U HT. & LOCATION OF TACTILE SIGN AT DOORS
3/8"=1'-0"

DOOR TYPES



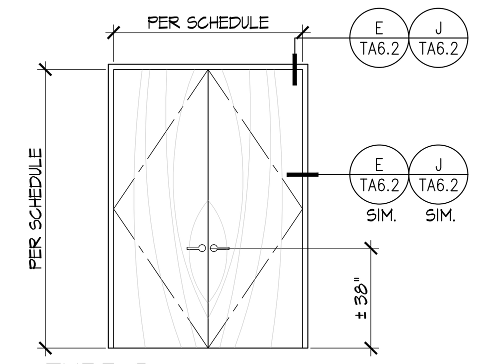
TYPE A
SOLID CORE WOOD DOOR WITH PRE-FINISHED BLACK "TIMELY" STEEL FRAME. FIRE RATED ASSEMBLY WHERE REQUIRED.

STAIN GRADE FINISH



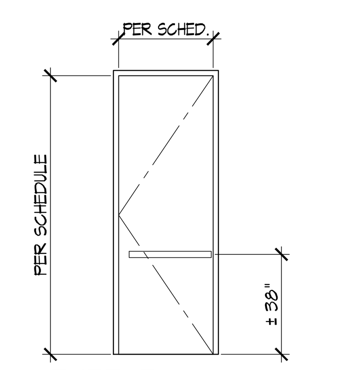
TYPE B
SOLID CORE WOOD DOOR WITH PRE-FINISHED BLACK "TIMELY" STEEL FRAME.

STAIN GRADE FINISH



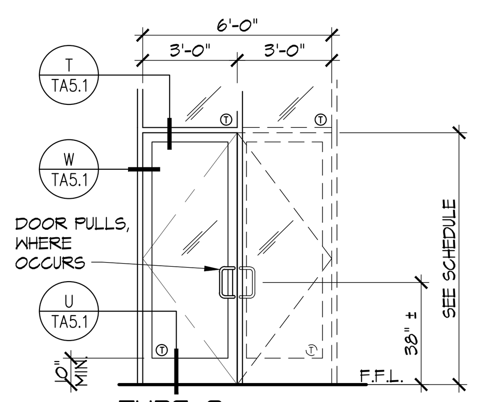
TYPE C
PAIR SOLID CORE WOOD DOOR WITH PRE-FINISHED BLACK "TIMELY" STEEL FRAME; PROVIDE ASTRAGAL, SEE DOOR TYPE A FOR ADDITIONAL DESCRIPTION

STAIN GRADE FINISH

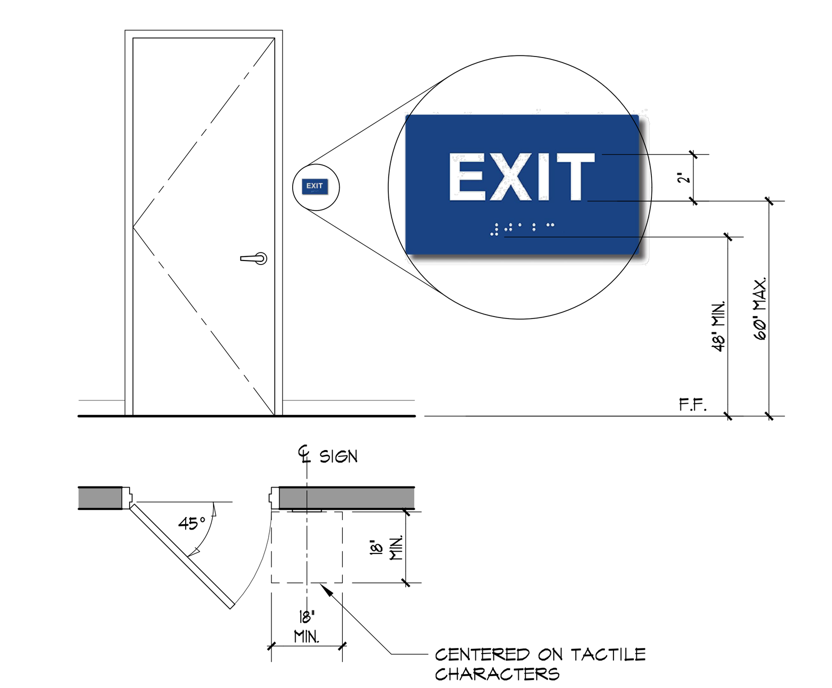


TYPE F
HOLLOW METAL WITH PRE-FINISHED BLACK "TIMELY" STEEL FRAME. FIRE RATED ASSEMBLY AS REQUIRED.

PAINT GRADE FINISH:
MANUFACTURER: DUNN EDWARDS
COLOR: TO BE SELECTED
FINISH: SEMI-GLOSS



TYPE G
EXTERIOR STOREFRONT: DOOR TO MATCH BUILDING EXIT DOOR. BLACK ANODIZED ALUMINUM FRAME TINTED TEMPERED GLASS.



T HT. & LOCATION OF TACTILE SIGN AT DOORS
3/8"=1'-0"

FIRST FLOOR DOOR SCHEDULE

WING	DOOR NO.	TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR STYLE	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	FIRE RATING	HARDWARE GROUP	REMARKS
NORTH WING	B101	G	PAIR 3'-0"	7'-0"	1-3/4"	ALUM./GLASS	MATCH EXISTING	ALUM.	ANODIZED	-	1	
	N101.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	2	CLOSER
	N101.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	2	CLOSER
	B102	G	PAIR 3'-0"	7'-0"	1-3/4"	ALUM./GLASS	MATCH EXISTING	ALUM.	ANODIZED	-	1	
	N102.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CLOSER
	N102.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CLOSER
	N104	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	60-MIN. FIRE RATED SIDELIGHT (4)
	N105	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	60-MIN. FIRE RATED SIDELIGHT (4)
	N106	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	60-MIN. FIRE RATED SIDELIGHT (4)
	N107	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	60-MIN. FIRE RATED SIDELIGHT (4)
	N109	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	4	
	N110	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	4	
	N111	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	2	
	N113.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	
	N113.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	
	N114	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	N115	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N116	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N118	B	3'-0"	8'-0"	1-3/4"	HOLLOW METAL	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N119	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N120	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N121	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1)
	N123.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.		
	N123.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.		
	N124	C	PAIR 3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4.1	
	N126	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N127	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N128	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N129	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	N130	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1)
	N131	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	N132	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
	N133	(NOT USED)										
	N135	F	3'-0"	8'-0"	1-3/4"	HOLLOW METAL	PAINT GRADE	TIMELY STEEL	PRE-FINISHED	90 MIN.	11	(3)
	N136.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	
	N136.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	
	N137.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	N137.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	N138.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	N138.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	N139.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	
	N139.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	
	N140	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	N141	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N142	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	60-MIN. FIRE RATED SIDELIGHT
	N143	F	3'-0"	8'-0"	1-3/4"	HOLLOW METAL	PAINT GRADE	TIMELY STEEL	PRE-FINISHED	90 MIN.	11	(3)
SOUTH WING	S101.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	S101.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S101.3	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	S101.4	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	S103.1	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	60-MIN. FIRE RATED SIDELIGHT (4)
	S103.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	7	
	S104	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	2	
	S105.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	6	
	S105.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	6	
	S106.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	S106.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	S107.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	S107.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	S108.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	S108.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	S110.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	S110.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	S112	C	PAIR 3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	8	
	S114	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S115	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S116	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	S117	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	S118.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	S118.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	B119	G	3'-0"	7'-0"	1-3/4"	ALUM./GLASS	MATCH EXISTING	ALUM.	ANODIZED	-	1.1	
	S119	F	3'-0"	8'-0"	1-3/4"	HOLLOW METAL	PAINT GRADE	TIMELY STEEL	PRE-FINISHED	90 MIN.	11	(3)
	S120	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	4	
	S121	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	6.1	CARD READER (1)
	S122	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	60 MIN.	4.2	
	S123	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	6.1	CARD READER (1)
	S126	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	
	S127.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	S127.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	S128	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	
	B129	G	3'-0"	7'-0"	1-3/4"	ALUM./GLASS	MATCH EXISTING	ALUM.	ANODIZED	-	1.1	
	S129	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	S130.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	
	S130.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	
	S132	C	PAIR 3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	8	PANIC DEVICE
	B135	G	3'-0"	7'-0"	1-3/4"	ALUM./GLASS	MATCH EXISTING	ALUM.	ANODIZED	-	1.1	

pk:a
pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v: 818.584.0057 f: 818.584.0019
w: pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

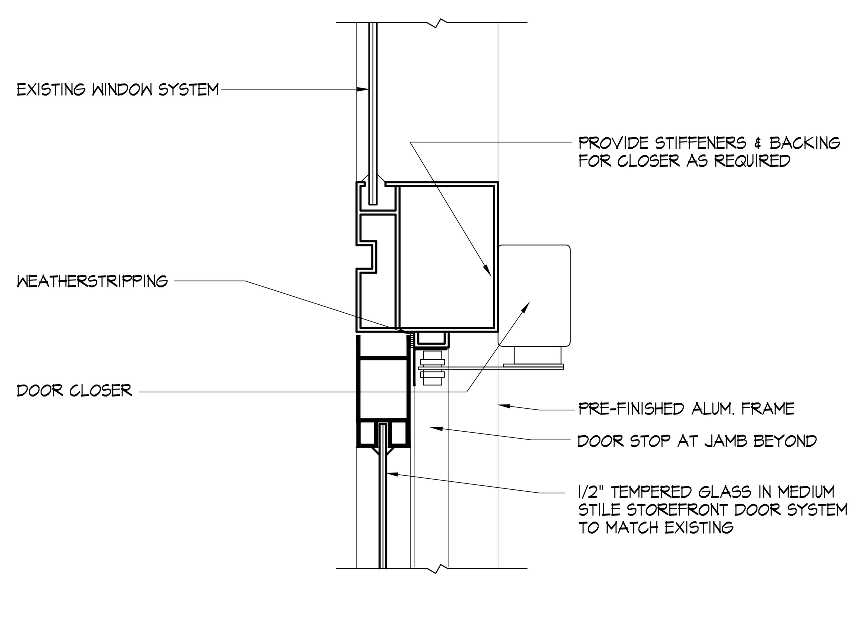
△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

1ST FLOOR DOOR SCHEDULE & DETAILS

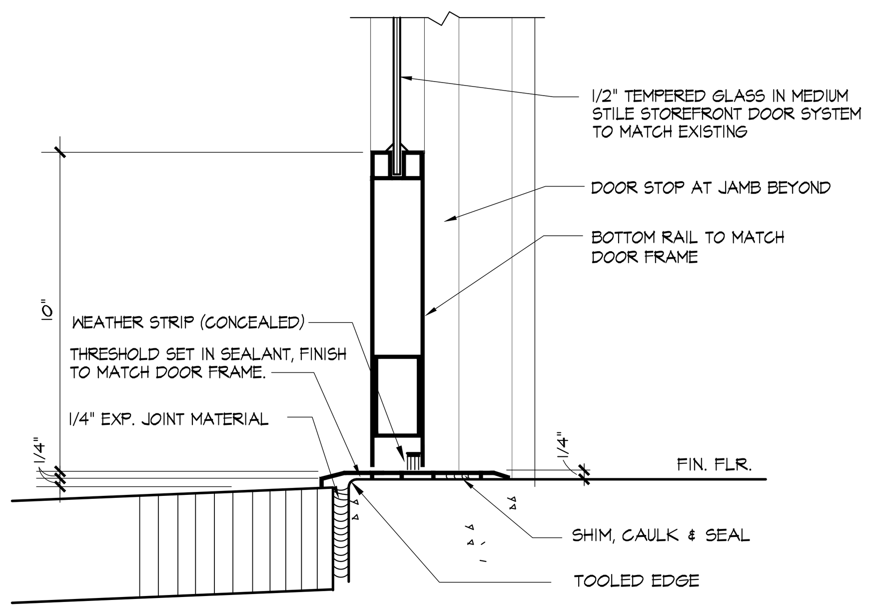
drawn by
project no 18-66.60
date
scale

TA5.0



T STOREFRONT DOOR HEAD DETAIL

3"=1'-0"



U STOREFRONT DOOR SILL DETAIL

3"=1'-0"

HARDWARE GROUPS

NOTE: SEE HARDWARE LIST ON THIS SHEET FOR SPECIFIED ITEMS.

1. EXTERIOR STOREFRONT DOUBLE DOOR: MORTISE LOCKSET, 3-POINT DEADBOLT, EXTERIOR PULL, INTERIOR PULL BAR, FULL-MORTISE HINGE, CONCEALED CLOSER, WEATHER SEALS, THRESHOLD, DUST PROOF STRIKE, EXTERIOR DOOR BOTTOM, & STOP.

1.1 EXTERIOR STOREFRONT DOOR: MORTISE LOCKSET, PANIC DEVICE, FULL-MORTISE HINGE, CONCEALED CLOSER, WEATHER SEALS, THRESHOLD, EXTERIOR DOOR BOTTOM, & STOP.

2. INTERIOR OFFICE: CYLINDRICAL PASSAGE SET, HINGES, & STOP.

3. INTERIOR OFFICE: CYLINDRICAL OFFICE LOCKSET, HINGES, & STOP. SEE REMARKS WHERE REQUIRED TO HAVE ELECTRIFIED LOCKS FOR F.O.B. ACCESS.

4. INTERIOR STORAGE: CYLINDRICAL STORAGE LOCKSET, HINGES, & STOP.

4.1 INTERIOR DOUBLE DOOR (STORAGE ROOM): CYLINDRICAL STORAGE LOCKSET, HINGES, MANUAL FLUSH BOLTS TOP & BOTTOM & STOP.

4.2 INTERIOR STORAGE: CYLINDRICAL STORAGE LOCKSET, HINGES, CLOSERS, THRESHOLD, SMOKE SEALS & STOP.

5. INTERIOR RESTROOM: PUSH PLATE/DOOR PULL, CLOSER, KICK PLATE (BOTH SIDES OF DOOR) & STOP.

6. INTERIOR RESTROOM: CYLINDRICAL PASSAGE SET, HINGES, CLOSER, SEALS, 1/2" THRESHOLD, KICK PLATES (BOTH SIDES OF DOOR) & STOP.

6.1 INTERIOR RESTROOM: CYLINDRICAL LOCKSET, HINGES, CLOSER, SEALS, 1/2" THRESHOLD, KICK PLATES (BOTH SIDES OF DOOR) & STOP. ELECTRIFIED LOCKS FOR CARD READER.

7. INTERIOR DOOR: CYLINDRICAL CLASSROOM LOCKSET, HINGES, CLOSER, SEALS, & STOPS. SEE REMARKS FOR THRESHOLD AND DOOR BOTTOMS. (SEE REMARKS FOR PANIC DEVICE WHERE REQUIRED.)

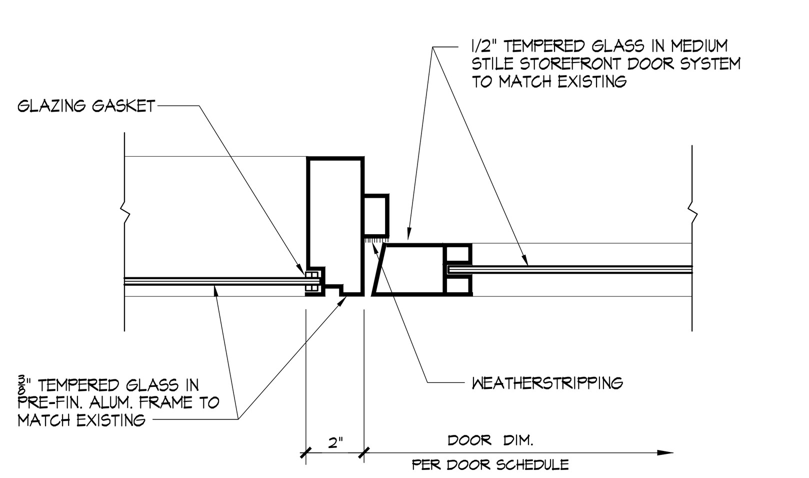
8. INTERIOR DOUBLE DOOR: CYLINDRICAL CLASSROOM LOCKSET ON ACTIVE LEAF ONLY, HINGES, CLOSERS, COORDINATOR, AUTO FLUSH BOLTS TOP & BOTTOM, DUST PROOF STRIKE, ASTRAGAL, SEALS, & STOPS. SEE REMARKS FOR THRESHOLD AND DOOR BOTTOMS.

8.1 INTERIOR SOUND CONTROL DOUBLE DOORS: OFFICE LOCK WITH MATCHING LEVER ON EXTERIOR OF ACTIVE LEAF, PANIC DEVICE ON ACTIVE LEAF, RIM LATCHING WITH STRIKE ON INACTIVE LEAF, HINGES, CLOSERS, COORDINATOR, AUTO FLUSH BOLTS TOP & BOTTOM, DUST PROOF STRIKE, ASTRAGAL, THRESHOLD, SOUND SEALS, & STOPS. SEE DETAIL -/- FOR THRESHOLD AND DOOR BOTTOMS.

9. INTERIOR SOUND CONTROL DOOR: OFFICE LOCK WITH MATCHING LEVER ON EXTERIOR SIDE, PANIC DEVICE, HINGES, CLOSERS, THRESHOLD, SOUND SEALS, & STOPS. SEE DETAIL -/- FOR THRESHOLD AND DOOR BOTTOMS.

10. INTERIOR SOUND CONTROL OFFICE DOOR: CYLINDRICAL OFFICE LOCKSET, HINGES, CLOSERS, THRESHOLD, SOUND SEALS, & STOPS. SEE REMARKS FOR THRESHOLD AND DOOR BOTTOMS.

11. INTERIOR FIRE RATED EXIT DOOR: MORTISE LOCKSET, PANIC DEVICE, HINGES, CLOSERS, THRESHOLD, SMOKE SEALS, & STOPS. SEE REMARKS WHERE REQUIRED TO HAVE ELECTRIFIED LOCKS FOR F.O.B. ACCESS.



NOTES:

1. GLAZING ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN 24 INCH ARCH OF THE VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION SHALL BE TEMPERED. (2406.4.6)
2. THE TYPE OF GLASS, THICKNESS AND METHOD OF PROTECTION AGAINST IMPACT FOR GLASS LIGHTS WITH BOTTOMS 18" OR LESS ABOVE THE WALKING SURFACE MUST BE TEMPERED. (2406.4.7)

W STOREFRONT DOOR JAMB DETAIL

3"=1'-0"

DOOR AND HARDWARE NOTES

1. ALL HARDWARE FINISH TO MATCH 626 SATIN CHROME FINISH.
2. INTERIOR DOOR FRAMES TO BE "TIMELY" STEEL FRAME IN PRE-FINISH BLACK COLOR.
3. INTERIOR WOOD DOORS TO BE SOLID CORE STAIN GRADE FINISH DOORS, UNLESS NOTED OTHERWISE.
4. DOOR SUPPLIER TO VERIFY DOOR UNDERCUT DIMENSIONS WITH FLOOR FINISH, DOOR BOTTOM AND THRESHOLD REQUIREMENTS.
5. RE-USE EXISTING SALVAGED DOORS WHERE POSSIBLE AND ONLY IF REPLACEABLE WITH "CORBIN RUSSWIN" HARDWARE (NO SUBSTITUTION ALLOWED).
6. ALL LOCKSETS AND CYLINDERS ON DOORS SHALL BE PROVIDED W/ REMOVABLE CYLINDERS.
7. EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
8. PROVIDE DOOR STOPS AT ALL DOORS OF A TYPE AS NEEDED.
9. VERIFY AND CONFIRM THE DIRECTION OF SWING FOR ALL DOORS ON THE FLOOR PLANS.
10. ALL DOOR FRAMES SHALL HAVE SILENCER BUTTONS EXCEPT WHERE SEALS ARE PROVIDED.
11. THE EXTERIOR FLOOR LANDING SHALL BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY. (1133B.2.4.1)
12. MAXIMUM EFFORT TO OPERATE EXTERIOR AND INTERIOR DOORS SHALL NOT EXCEED 5 POUNDS, WITH SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS.
13. EACH PANE OF SAFETY GLAZING INSTALLED IN HAZARDOUS LOCATIONS SHALL BE IDENTIFIED BY A MANUFACTURER'S DESIGNATION SPECIFYING WHO APPLIED THE DESIGNATION, THE MANUFACTURER OR INSTALLER AND THE SAFETY-GLAZING STANDARD. THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSED OF SAFETY GLAZING. GLAZING IN: (CBC, SEC 2406)
    a. SWING DOORS.
    b. FIXED OR OPERABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN 24 INCHES ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE.
14. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 0.50" IN HEIGHT. 0.75" IN HEIGHT FOR SLIDING DOORS SERVING DWELLING UNITS (CBC, SEC. 1008.1.7)
15. DOORS SHALL NOT PROJECT MORE THAN 7" INTO THE REQUIRED CORRIDOR WIDTH OR AT LANDINGS WHEN FULLY OPENED AND NOT MORE THAN 50% IN ANY POSITION. (CBC, SEC. 1008.4)
16. EVERY REQUIRED EXIT DOORWAY SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES, SHALL HAVE A MINIMUM CLEAR OPENING OF 32 INCHES, AND SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3 FEET IN WIDTH AND 6 FEET 8 INCHES IN HEIGHT. (CBC SEC. 1133B.2.2)
17. THE MAXIMUM WIDTH OF A SWINGING EXIT DOOR LEAF SHALL BE 48" NOMINAL.
18. EXIT DOOR SHALL BE SIDE-HINGED SWIINGING TYPE.
19. (T) INDICATES TEMPERED GLASS.

DOOR KEYNOTES

(1) MOUNT F.O.B. READER NO HIGHER THAN 48" FROM FINISHED FLOOR.

(2) WHERE EXISTING RAISED FLOORING HAS BEEN REMOVED, FILL IN VOID AT DOOR HEAD ABOVE AS REQUIRED FOR NEW DOOR HEAD HEIGHT.

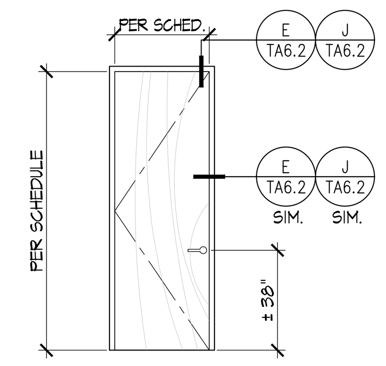
(3) EXIT STAIRWAY DOORS SHALL BE PROVIDED WITH ELECTRONIC LATCH PANIC DEVICE WITH DEFAULT "LOCK" (IN CASE OF POWER FAILURE) TO BE RELEASED ONLY BY A FIRE COMMAND CENTER OR A SIGNAL BY EMERGENCY PERSONNEL FROM A SINGLE LOCATION INSIDE THE MAIN ENTRANCE TO THE BUILDING. (2016 CBC SEC. 1010.1.9.11 EXCEPTION #3)

(4) PROVIDE ALTERNATE PRICING TO OMIT FIRE-RATED GLASS SIDELIGHTS IN ONE-HOUR RATED EXIT CORRIDOR.

HARDWARE LIST

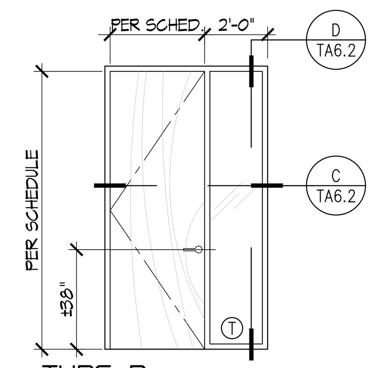
DOOR PULLS	TRIMCO # 1191-4, 1" DIA. x 12", STAINLESS STEEL OR MATCH EXISTING
MORTISE LOCKSETS	CORBIN RUSSWIN - ML2000 SERIES
CYLINDERS LOCKSETS	CORBIN RUSSWIN - CL3300 SERIES
LATCHSETS	
LEVERS	CORBIN RUSSWIN - "LUSTRA"
PANIC DEVICES	CORBIN RUSSWIN - ED4000 / ED5000 SERIES
PUSH PLATES & PULLS	ROCKWOOD PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR SERIES
HINGES	McKINNEY PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR ACCESSORIES PEMKO PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR ACCESSORIES
CLOSERS	CORBIN RUSSWIN - DC6000 SERIES; SURFACE MOUNTED (HEAVY DUTY) CORBIN RUSSWIN - UNITROL SERIES; SURFACE MOUNTED (UNITROL)
MAN. FLUSH BOLTS	ROCKWOOD PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR SERIES
AUTO FLUSH BOLTS	ROCKWOOD PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR SERIES
STOPS	ROCKWOOD PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR SERIES
COORDINATOR	GLYNN-JOHNSON - COR SERIES
DUST PROOF STRIKES	GLYNN-JOHNSON - DP2
THRESHOLDS	PEMKO - NO. 271-A AT INTERIOR WOOD DOORS PEMKO - NO. 158-A AT H.M. DOORS PEMKO - NO. 2727-A AT GLASS DOORS
DOOR BOTTOMS	PEMKO - NO. 345 A AT GLASS DOORS PEMKO - NO. 2221 AV AT H.M. DOORS.
SEALS	PEMKO - NO. S88 W PEMKO - NO. 350 AT SOUND DOOR CONDITIONS
ASTRAGAL	PEMKO - NO. 355 CV
KICK PLATES	TRIMCO # K0050 - 16", STAINLESS STEEL (BOTH SIDES OF DOOR)

DOOR TYPES



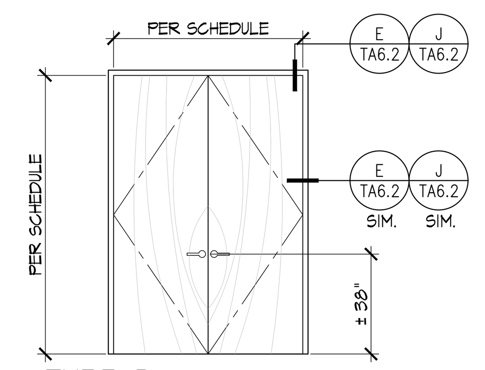
TYPE A
SOLID CORE WOOD DOOR WITH PRE-FINISHED BLACK "TIMELY" STEEL FRAME. FIRE RATED ASSEMBLY WHERE REQUIRED.

STAIN GRADE FINISH



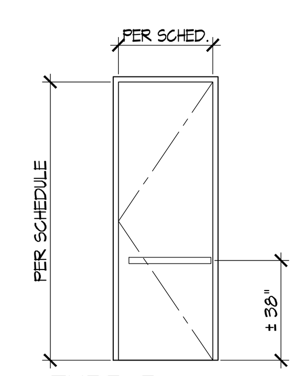
TYPE B
SOLID CORE WOOD DOOR WITH PRE-FINISHED BLACK "TIMELY" STEEL FRAME.

STAIN GRADE FINISH



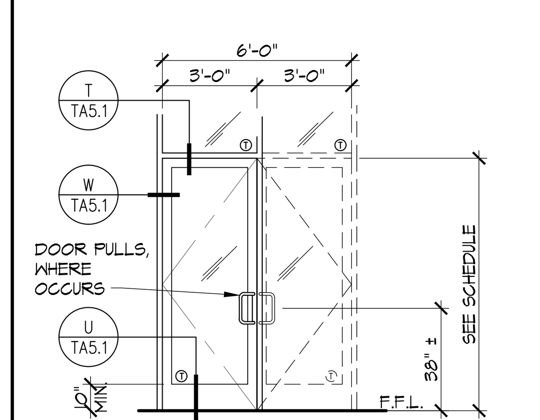
TYPE C
PAIR SOLID CORE WOOD DOOR WITH PRE-FINISHED BLACK "TIMELY" STEEL FRAME; PROVIDE ASTRAGAL, SEE DOOR TYPE A FOR ADDITIONAL DESCRIPTION

STAIN GRADE FINISH



TYPE F
HOLLOW METAL WITH PRE-FINISHED BLACK "TIMELY" STEEL FRAME. FIRE RATED ASSEMBLY AS REQUIRED.

PAINT GRADE FINISH:
MANUFACTURER: DUNN EDWARDS
COLOR: TO BE SELECTED
FINISH: SEMI-GLOSS



TYPE G
EXTERIOR STOREFRONT: DOOR TO MATCH BUILDING EXIT DOOR. BLACK ANODIZED ALUMINUM FRAME TINTED TEMPERED GLASS.

SECOND FLOOR DOOR SCHEDULE

WING	DOOR NO.	TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR STYLE	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	FIRE RATING	HARDWARE GROUP	REMARKS
NORTH WING	N201	C	PAIR 3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.		
	N202.1	C	PAIR 3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-		MAGNETIC HOLD OPEN
	N202.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1)
	N203	F	3'-0"	8'-0"	1-3/4"	HOLLOW METAL	PAINT GRADE	TIMELY STEEL	PRE-FINISHED	90 MIN.	11	(3)
	N204	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	7	
	N205	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	7	
	N206	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1) ; CLOSER
	N207.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1) ; CLOSER
	N207.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	N208.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	6	
	N208.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	6	
	N209	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N210	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N211	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N213	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	8	
	N214	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
	N215	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N216	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N217	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N218	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N221	C	PAIR 3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	8	CARD READER (1)
	N222.1	F	3'-0"	8'-0"	1-3/4"	HOLLOW METAL	PAINT GRADE	TIMELY STEEL	PRE-FINISHED	90 MIN.	11	CARD READER AT STAIR SIDE (1) (3)
	N222.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	60 MIN.	4.2	(2)
	N223	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1) ; CLOSER
	N224	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
	N225	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N226.1	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N226.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
	N228	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	N229.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	
	N229.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	7	
	N231	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N232	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N233	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1) ; CLOSER
	N234	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N236	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N237	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N238	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N239	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N241	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	N242.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	
	N242.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-		
	N243	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1) ; CLOSER
	N244	A	3'-6"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	60 MIN.	4	CARD READER (1) ; CLOSER
	N245.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	CARD READER (1) ; CLOSER
	N245.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	60 MIN.	2	
	N247	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
	N248	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N251	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N252	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N253.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	N253.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	N254	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	N255	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1) ; CLOSER
	N256	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N257	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	N258	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
SOUTH WING	S202	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1) ; CLOSER
	S204	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S205	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S207	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S208	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1) ; CLOSER
	S209	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S211	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S212	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S213	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S214	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
	S215	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S217	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S218	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S219	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1) ; CLOSER
	S220	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	S221	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	S222	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S223	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S224	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
	S225	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1) ; CLOSER
	S226	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
	S228	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S229	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	S230	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	S231	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
	S232	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S235.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S235.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	S235.3	A	3'-6"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	4	
	S236.1	F	3'-0"	8'-0"	1-3/4"	HOLLOW METAL	PAINT GRADE	TIMELY STEEL	PRE-FINISHED	90 MIN.	11	CARD READER AT STAIR SIDE (1) (3)
	S236.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	60 MIN.	4.2	(2)
	S238	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	

SECOND FLOOR DOOR SCHEDULE (continued)

WING	DOOR NO.	TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR STYLE	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	FIRE RATING	HARDWARE GROUP	REMARKS
SOUTH WING	S239	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S241	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S242	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	S243	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	S244	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1) ; CLOSER
	S245	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
	S246	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
	S247.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	6	
	S247.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	6	
	S248.1	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	7	PANIC DEVICE
	S248.2	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	7	PANIC DEVICE
	S249	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1) ; CLOSER
	S252	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S253	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S254	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
	S255	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	20 MIN.	3	CARD READER (1) ; CLOSER
	S256	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	

pk:a
pk:architecture

5126 clareton drive : suite 110
agoura hills : california 91301

v: 818.584.0057 f: 818.584.0019

w: pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

2ND FLOOR DOOR SCHEDULE & DETAILS

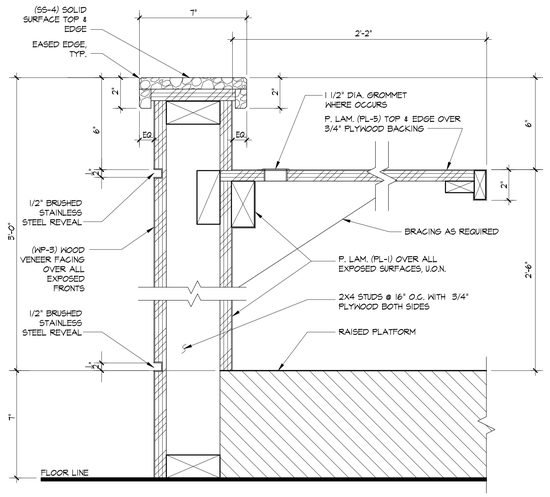
drawn by

project no 18-66.60

date

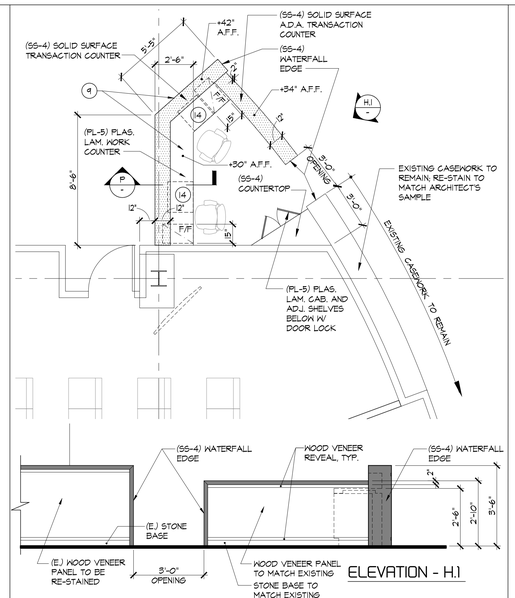
scale

TA5.1



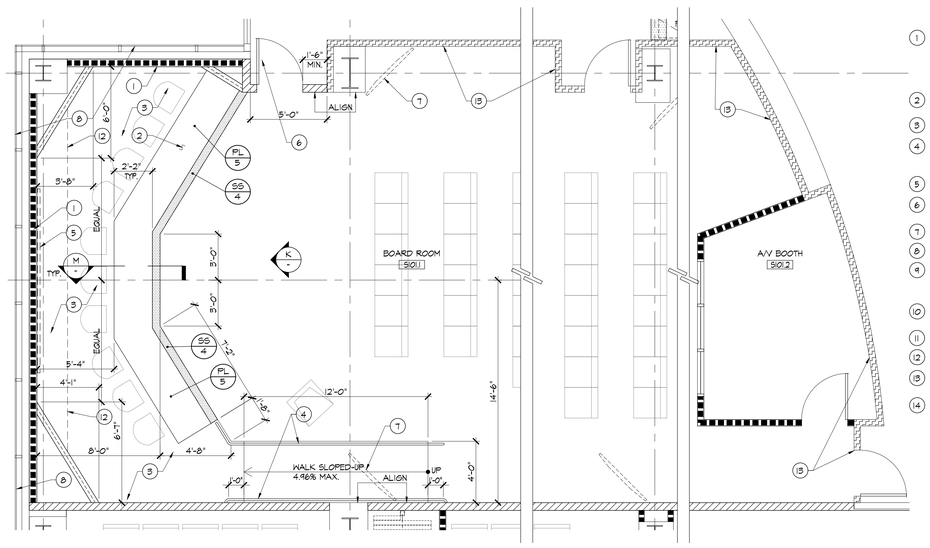
M BOARD ROOM COUNTER SECTION

SCALE:3"=1'-0"



H ENLARGED MAIN LOBBY RECEP. COUNTER

SCALE:1/4"=1'-0"

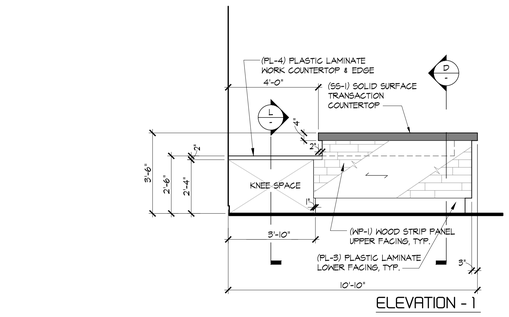


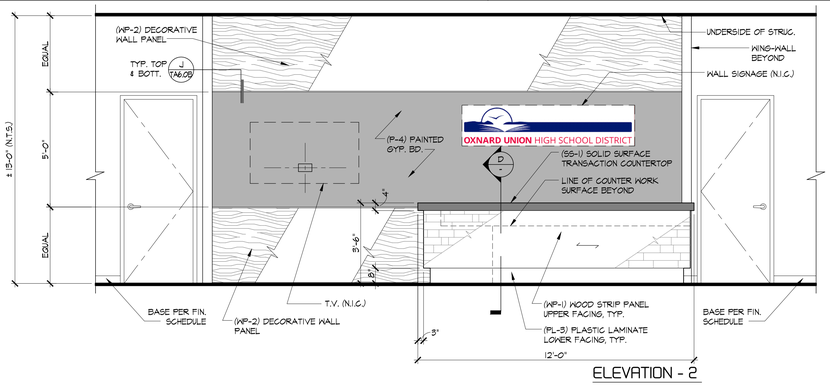
A ENLARGED BOARD ROOM-S101.1 PLAN

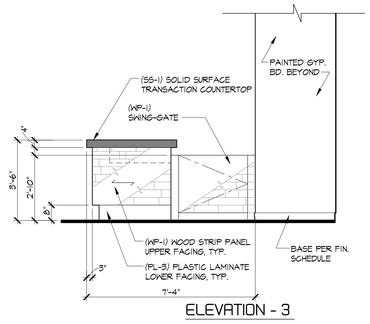
SCALE:1/4"=1'-0"

KEYNOTES

1. FULL-HEIGHT PERIMETER WINDOW FURRING: 3 5/8" X 20 GA. GALV. METAL STUDS WITH 5/8" TYPE "X" GYPSUM BOARD AND R-13 INSULATION. VENT TOP OF WALL. GYPSUM BOARD FACING GLAZING TO BE PAINTED MATT BLACK.
2. BUILT-IN WOOD VENEER BOARD ROOM DESK, PLASTIC LAMINATE WORK SURFACE & SOLID SURFACE TOP
3. 7" HIGH PLATFORM A.F.F.
4. PROVIDE 30" HIGH BRUSHED STAINLESS STEEL PIPE HANDRAIL AND 2" CONTRASTING COLOR BAND AT 1" FROM EDGE AT PERIMETER OF PLATFORM.
5. WALL SIGNAGE (N.I.C.)
6. PANIC HARDWARE ON REQUIRED EXIT DOORS WITH OCCUPANT LOAD SIGNAGE ABOVE DOOR.
7. LINE OF TV ABOVE (N.I.C.)
8. EXISTING STOREFRONT WINDOW SYSTEM.
9. BUILT-IN RECEPTION DESK WITH WOOD VENEER FACE, PLASTIC LAMINATE WORK SURFACE AND SOLID SURFACE TRANSACTION COUNTER
10. LINE 30" X 48" CLEAR FLOOR SPACE IN FRONT OF ACCESSIBLE COUNTER.
11. 36" WIDE PLASTIC LAMINATE SWING GATE
12. LINE OF SOFFIT ABOVE
13. UPGRADE EXISTING LOBBY PARTITION AS REQUIRED TO SOUND CONTROL PARTITION PER DETAIL M/TA6.1
14. PENCIL DRAWER

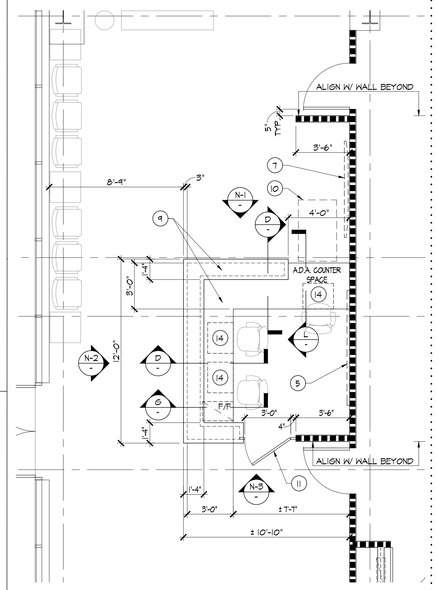






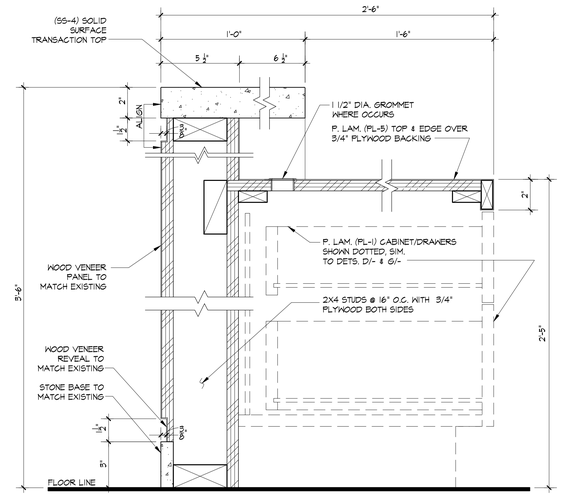
N ENLARGED RECEPTION-N101 COUNTER ELEVATIONS

SCALE:3/8"=1'-0"



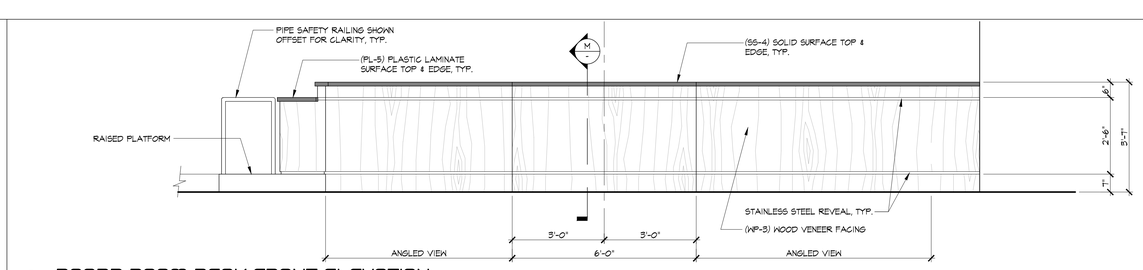
C ENLARGED RECEPTION COUNTER - N101

SCALE:1/4"=1'-0"



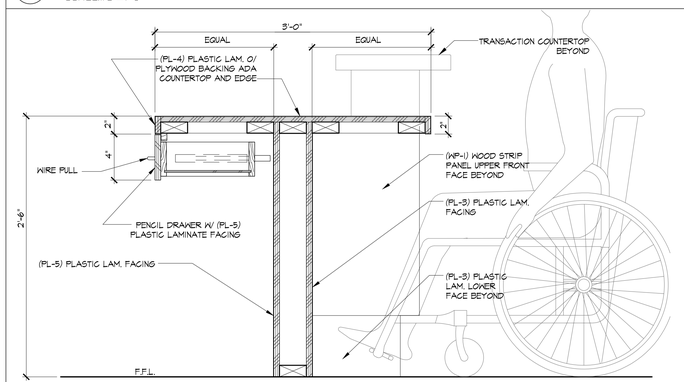
P MAIN LOBBY COUNTER SECTION

SCALE:3"=1'-0"



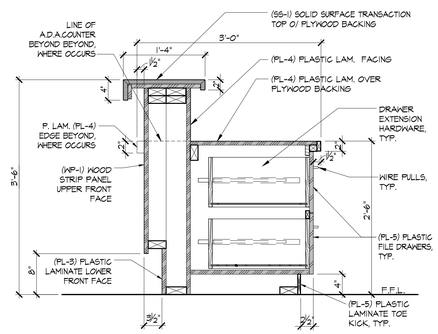
K BOARD ROOM DESK FRONT ELEVATION

SCALE:1/2"=1'-0"



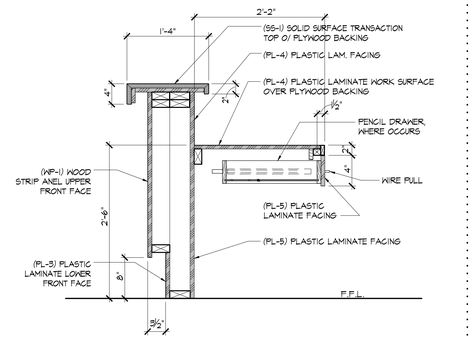
L A.D.A. COUNTER SECTION AT RECEPTION - N101

SCALE:1-1/2"=1'-0"



G COUNTER / FILE CAB. SECTION AT RECEPTION-N101

SCALE:1"=1'-0"



D COUNTER SECTION AT RECEPTION-N101

SCALE:1"=1'-0"

pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818.597.1000 f 818.597.1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT	12.19.19
	BID ISSUE	02.24.20

sheet title

DETAILS

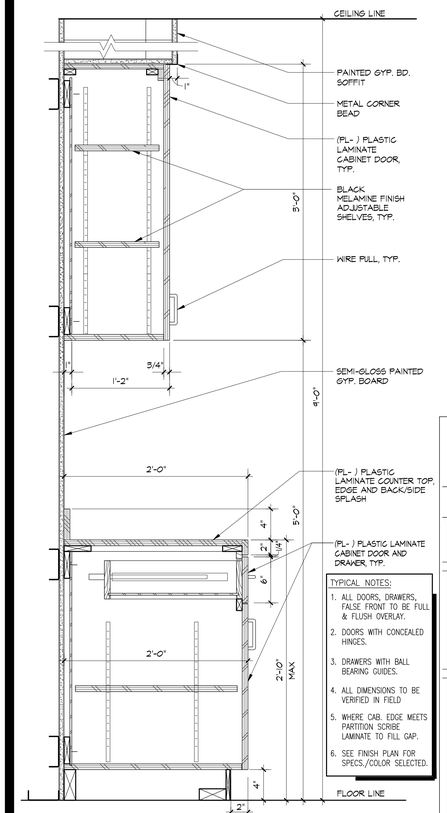
drawn by

project no 18-66.60

date

scale

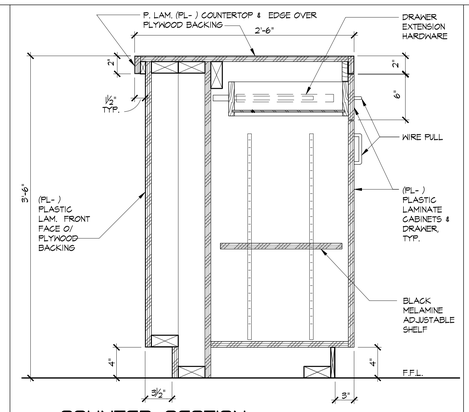
TA6.0A



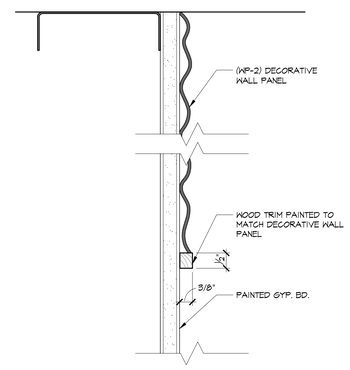
TYPICAL NOTES:

1. ALL DOORS, DRAWERS, FALSE FRONT TO BE FULL & FLUSH OVERLAY.
2. DOORS WITH CONCEALED HINGES.
3. DRAWERS WITH BALL BEARING GUIDES.
4. ALL DIMENSIONS TO BE VERIFIED IN FIELD
5. WHERE CAB. EDGE MEETS PARTITION SCRIBE LAMINATE TO FILL GAP.
6. SEE FINISH PLAN FOR SPECS./COLOR SELECTED.

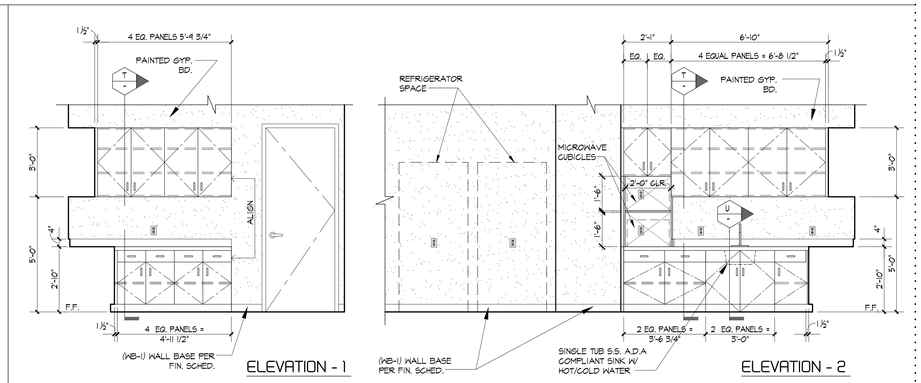
T CABINET SECTION AT BREAK ROOM-360
SCALE:1-1/2"=1'-0"



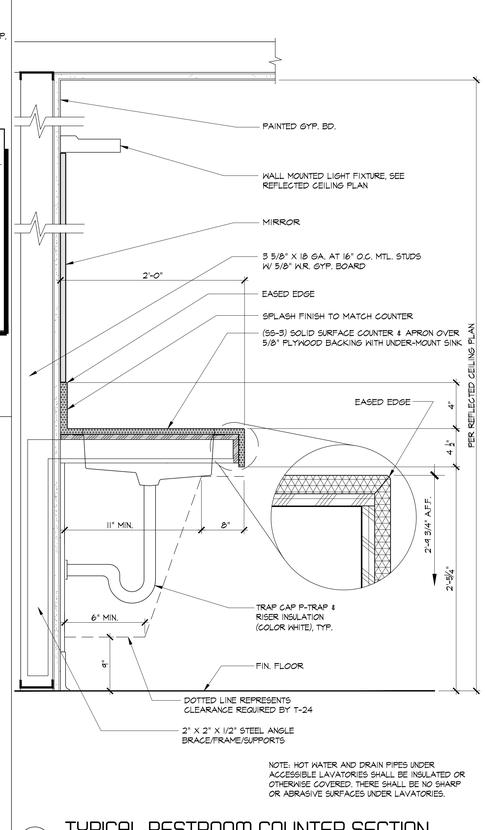
N COUNTER SECTION
SCALE:3/8"=1'-0"



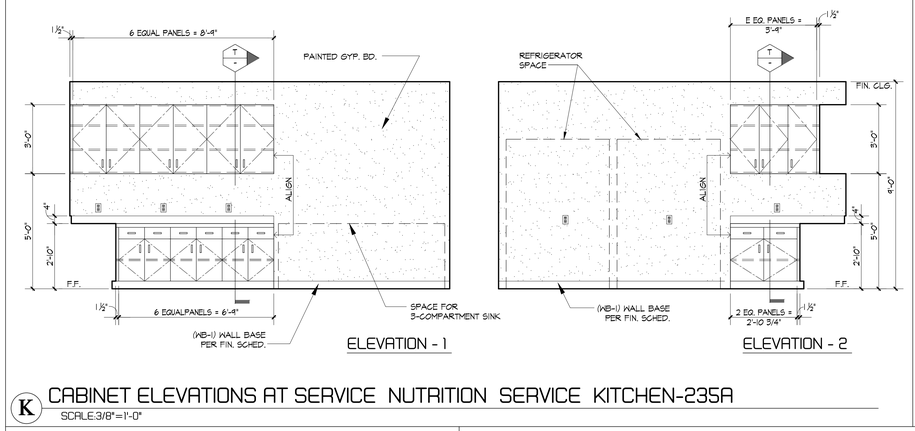
J WOOD TRIM AT DECO. WALL PANEL
SCALE:6"=1'-0"



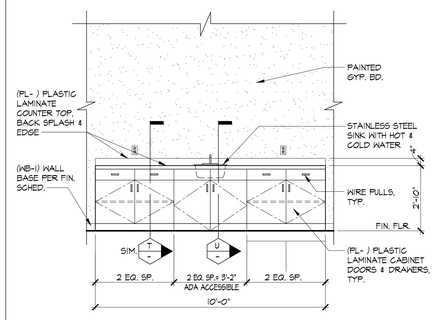
E CABINET ELEVATIONS AT BREAK ROOM/GALLEY -N111
SCALE:3/8"=1'-0"



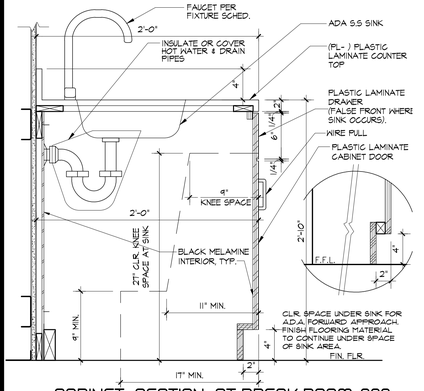
Q TYPICAL RESTROOM COUNTER SECTION
SCALE:1-1/2"=1'-0"



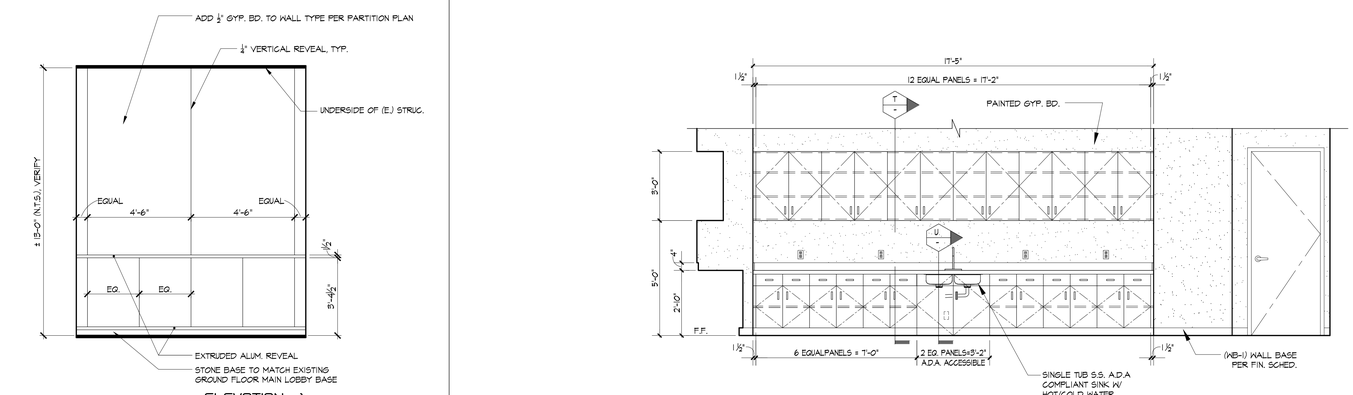
K CABINET ELEVATIONS AT SERVICE NUTRITION SERVICE KITCHEN-235A
SCALE:3/8"=1'-0"



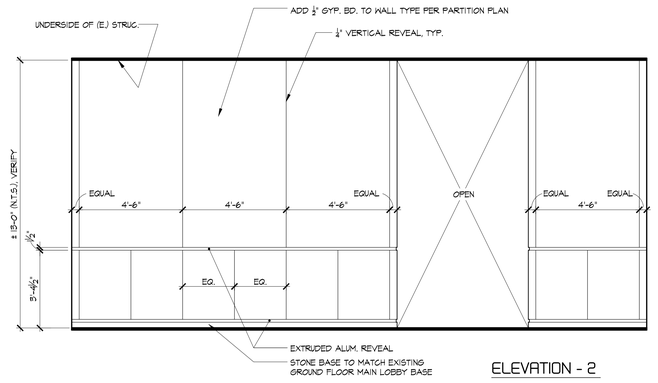
B CAB. ELEV. AT CLASSROOM-N126 & N128
SCALE:3/8"=1'-0"



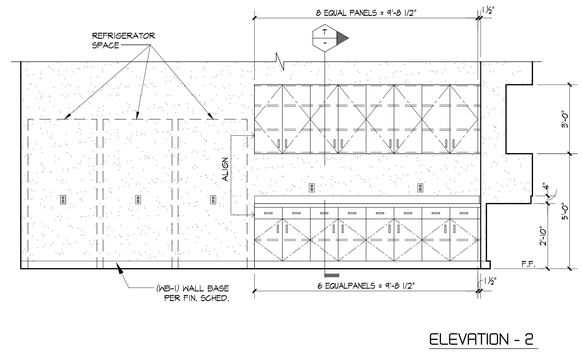
U CABINET SECTION AT BREAK ROOM-360
SCALE:1-1/2"=1'-0"



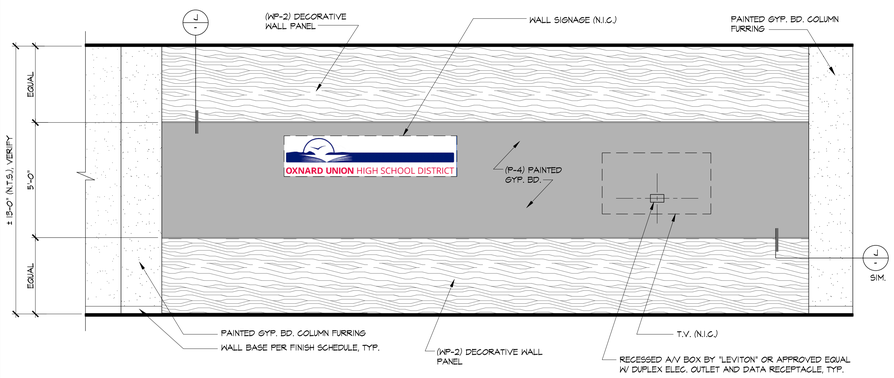
V WALL ELEVATION AT RECEPTION -N202
SCALE:3/8"=1'-0"



M WALL ELEVATION AT ELEVATOR LOBBY -N201
SCALE:3/8"=1'-0"



H CABINET ELEVATIONS AT STAFF LOUNGE -N206
SCALE:3/8"=1'-0"



V WALL ELEVATION AT RECEPTION -N202
SCALE:3/8"=1'-0"

pk:architecture
5126 clareton drive : suite 110
agoura hills, california 91301
v 818.991.0057 f 818.991.0093
w pkarchitecture.net

TENANT IMPROVEMENT FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.11.19
	PLAN CHECK SUBMIT.	12.13.19
	BID ISSUE	02.24.20

sheet title

DETAILS

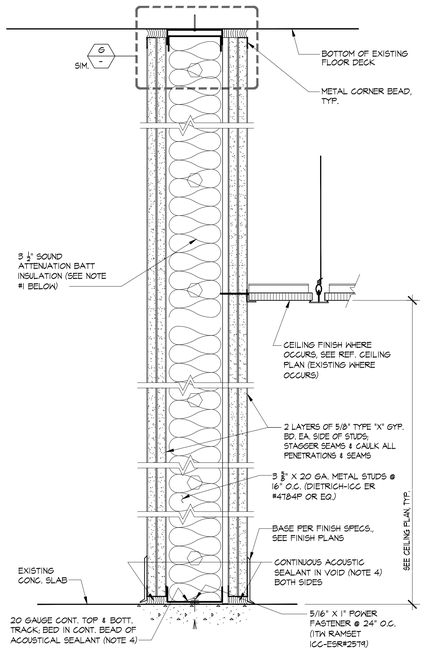
drawn by

project no 18-66.60

date

scale

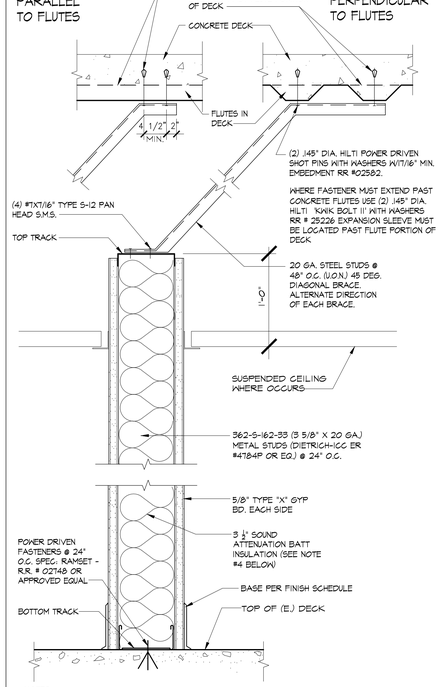
TA6.0B



NOTES:

1. SOUND ATTENUATION MATERIAL SHALL BE FASTENED IN SUCH A WAY AS TO PREVENT IT FROM SLIDING DOWN AND LEAVING A VOID AT THE TOP OF WALL.
2. PROVIDE SEALANT ALL ALL AROUND DUCT OPENINGS OR PIPE/CONDUIT PENETRATIONS.
3. PARTITION SHALL BE SEALED CONTINUOUSLY WITH ACOUSTICAL SEALANT WHEREVER IT ABUTS ANOTHER ELEMENT (I.E. WALL, COLUMN, MULLION, ETC...)
4. REMOVE EXISTING CEMENTITIOUS FIREPROOFING FROM DECKING AT STUD ATTACHMENT AS REQUIRED TO ACHIEVE SPECIFIED EMBEDMENT.

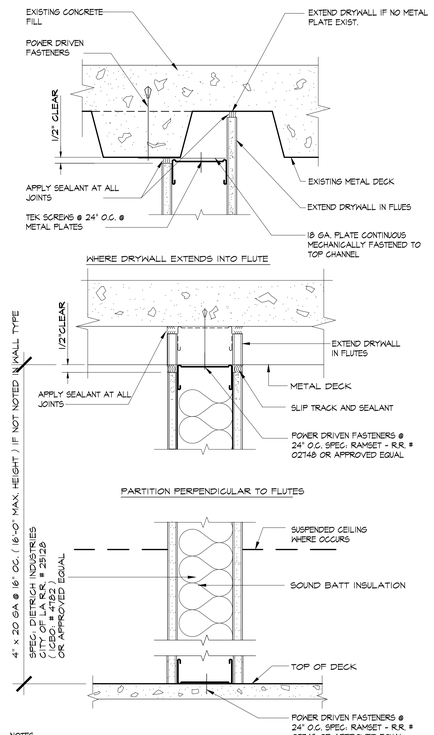
M SOUND CONTROL PARTITION
3"=1'-0"



NOTES:

1. PROVIDE BACKING AS REQUIRED WHERE CABINETRY OR SHELVING HANGS FROM THIS WALL.
2. REMOVE EXISTING CEMENTITIOUS FIREPROOFING FROM DECKING AT STUD ATTACHMENT AS REQUIRED TO ACHIEVE SPECIFIED EMBEDMENT.
3. ALL ATTACHMENTS TO BUILDING STRUCTURAL MEMBERS THAT DISTURBS THE EXISTING SPRAY FIREPROOFING WILL BE REQUIRED TO BE REPAIRED; A 3RD PARTY DEPUTY INSPECTION WILL BE REQUIRED FOR ALL SPRAY FIREPROOFING REPAIRS.
4. SOUND ATTENUATION MATERIAL SHALL BE FASTENED IN SUCH A WAY AS TO PREVENT IT FROM SLIDING DOWN AND LEAVING A VOID AT THE TOP OF WALL.

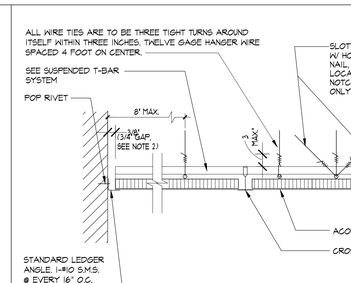
J ABOVE-CEILING PARTITION
3"=1'-0"



NOTES:

1. REMOVE EXISTING CEMENTITIOUS FIREPROOFING FROM DECKING AT STUD ATTACHMENT AS REQUIRED TO ACHIEVE SPECIFIED EMBEDMENT.
2. ALL ATTACHMENTS TO BUILDING STRUCTURAL MEMBERS THAT DISTURBS THE EXISTING SPRAY FIREPROOFING WILL BE REQUIRED TO BE REPAIRED; A 3RD PARTY DEPUTY INSPECTION WILL BE REQUIRED FOR ALL SPRAY FIREPROOFING REPAIRS.
3. SEE DRAWINGS FOR FINISH MATERIALS, CEILING HEIGHTS AND WALL LOCATIONS.

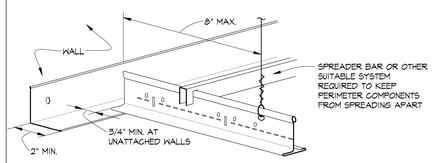
G FULL HEIGHT PARTITION CONNECTION
3"=1'-0"



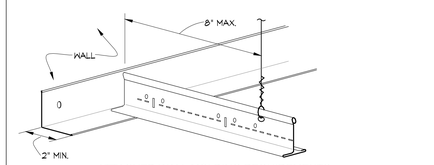
NOTE:

1. RESTRAIN CEILING SYSTEM AT TWO ADJACENT WALLS LEAVING REMAINING WALLS UNRESTRAINED
2. WHERE THE SPAN OF THE CEILING BETWEEN PERIMETER WALLS EXCEEDS 25 FEET IN BOTH DIRECTIONS, A MIN. WALL ANGLE OF AT LEAST 2 INCH HORIZONTAL LEG WITH A 3/4" GAP BETWEEN WALL AND THE FIRST CEILING TILE, SHALL BE PROVIDED.

E SUSPENDED CEILING DETAIL - SECT.
3"=1'-0"

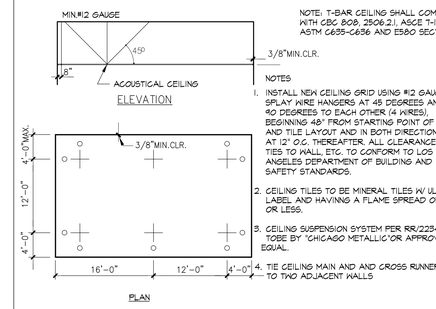


UNATTACHED WALL MOLDING REQUIREMENTS



ATTACHED WALL MOLDING REQUIREMENTS

F SUSP. CEILING PERIMETER SUPPORTING CLOSURE ANGLE
SCALE: NONE

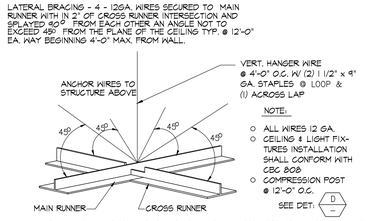


NOTE: T-BAR CEILING SHALL COMPLY WITH CBC 808, 2506.2.1, ASCE 7-10, ASTM C635-C636 AND ESR60 SECTION 5.

NOTES

1. INSTALL NEW CEILING GRID USING #12 GAUGE SPLAY WIRE HANGERS AT 45 DEGREES AND 90 DEGREES TO EACH OTHER (4 WIRES). BEGINNING 48" FROM STARTING POINT OF GRID AND TILE LAYOUT AND IN BOTH DIRECTIONS AT 12' O.C. THEREAFTER. ALL CLEARANCES, TIES TO WALL ETC. TO CONFORM TO LOS ANGELES DEPARTMENT OF BUILDING AND SAFETY STANDARDS.
2. CEILING TILES TO BE MINERAL TILES W/ UL LABEL AND HAVING A FLAME SPREAD OF 25 OR LESS.
3. CEILING SUSPENSION SYSTEM PER RR/22543 TOSE BY "CHICAGO METALLIC/OR APPROVED EQUAL.
4. TIE CEILING MAIN AND AND CROSS RUNNER TO TWO ADJACENT WALLS

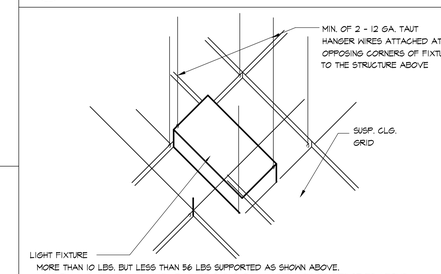
A SUSPENDED GRID CEILING
N.T.S.



NOTE:

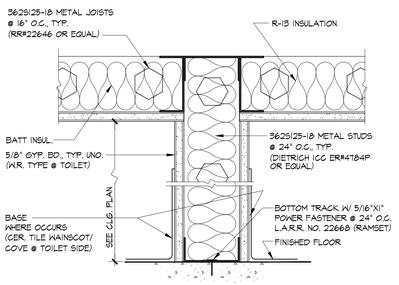
- ALL WIRES 12 GA.
- CEILING & LIGHT FIXTURES INSTALLATION SHALL CONFORM WITH CBC 808
- COMPRESSION POST @ 12'-0" O.C.

B SUSPENDED ACOUSTIC CEILING
N.T.S.

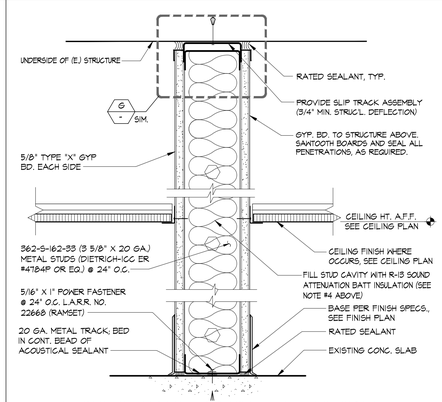


MORE THAN 10 LBS. BUT LESS THAN 56 LBS SUPPORTED AS SHOWN ABOVE.
LESS THAN 10 LBS. SHALL HAVE AT LEAST ONE 12 GA. HANGER WIRE TO STRUCTURE ABOVE
MORE THAN 56 LBS. SHALL BE SUPPORTED DIRECTLY FROM STRUCTURE ABOVE WITH TAUT WIRES
PENDANT MOUNTED FIXTURES SHALL BE DIRECTLY SUPPORTED FROM STRUCTURE ABOVE WITHOUT USING THE CEILING SUPPORT SYSTEM FOR DIRECT SUPPORT

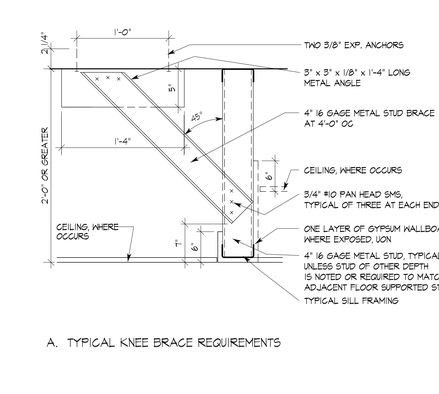
C LIGHT FIXTURE AT SUSPENDED CEILING
N.T.S.



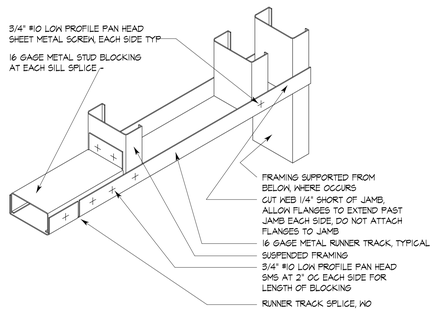
N CEILING-HEIGHT TOILET PARTITION
3"=1'-0"



K FULL-HEIGHT SOUND PARTITION
3"=1'-0"



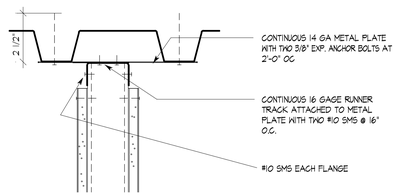
A. TYPICAL KNEE BRACE REQUIREMENTS



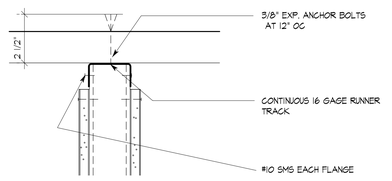
B. TYPICAL SILL REQUIREMENTS

NOTES:

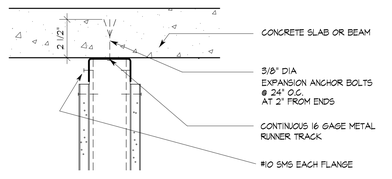
1. REMOVE EXISTING CEMENTITIOUS FIREPROOFING FROM DECKING AT STUD ATTACHMENT AS REQUIRED TO ACHIEVE SPECIFIED EMBEDMENT.
2. ALL ATTACHMENTS TO BUILDING STRUCTURAL MEMBERS THAT DISTURBS THE EXISTING SPRAY FIREPROOFING WILL BE REQUIRED TO BE REPAIRED; A 3RD PARTY DEPUTY INSPECTION WILL BE REQUIRED FOR ALL SPRAY FIREPROOFING REPAIRS.



C. HEAD PARALLEL TO METAL DECK FLUTES



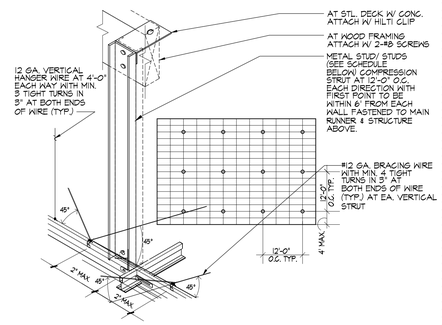
D. HEAD PERPENDICULAR TO METAL DECK FLUTES



E. HEAD BELOW CONCRETE SLABS OR BEAMS

H TYP. SUSPENDED PARTITION DETAIL
1 1/2"=1'-0"

INSTALL SILHOUETTE XL 9/16 BOLT SLOT SYSTEM PER ARMSTRONG SEISMIC RX SUSPENSION SYSTEM (OR EQUIVALENT CONFORMING) TO IC-ESS ESR-1308 REPORT. REFER TO FULL ESR REPORT FOR INSTALLATION. USE BERC CLIPS AS SHOWN IN REPORT.



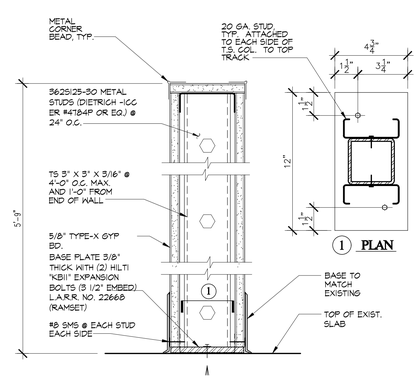
NOTES:

1. GENERAL CONTRACTOR TO PROVIDE UPLIFT RESISTANCE CAPACITY OF 250LBS AT ENDS OF ELEMENT SUPPORTING COMPRESSION STRUTS.
2. FOR DOUBLE STUD ATTACH WEB TO WEB WITH NO. 6 SCREW @ 16" O.C.
3. FOR BOX STUD, TACK WELD TOGETHER OR USE SPLICE PLATES W/NO. 6 SCREWS @16" O.C.
4. FOR THIS SPECIFIC PROJECT, MAXIMUM HEIGHT FOR BETWEEN SUSPENDED CEILING AND DECK ABOVE IS 7'-0"

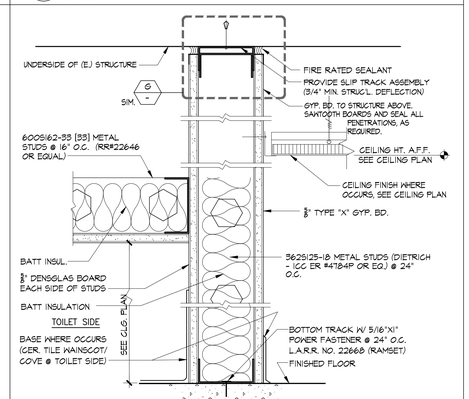
SCHEDULE OF COMPRESSION STRUT

METAL STUD SIZE AND GAUGE	MAX. HT. OF COMPRESSION STRUT			
	SINGLE STUD [	DOUBLE STUD ⊢⊣	BOX STUD □
250 S 137 - 33	9'-0"		
250 S 162 - 33	10'-0"		
250 S 125 - 33		14'-0"	
250 S 162 - 33			20'-0"
262 S 125 - 33			25'-0"

D VERTICAL CEILING STRUT
N.T.S.



P LOW PARTITION W/ T.S. COL. SUPPORT
3"=1'-0"



L TOILET PERIMETER PARTITION
3"=1'-0"

pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818 597 1000 57 f 818 597 1001 9
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.13.19
	BID ISSUE	02.24.20

sheet title

DETAILS

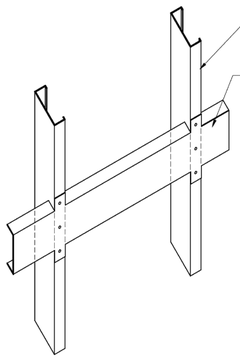
drawn by

project no 18-66.60

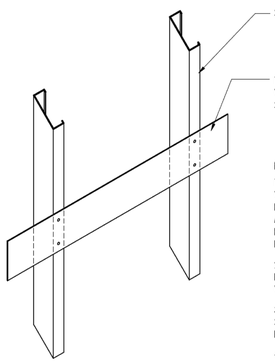
date

scale

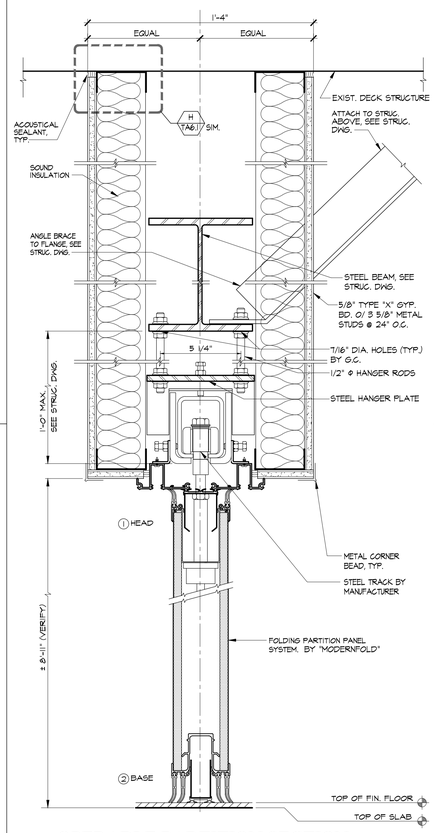
TA6.1



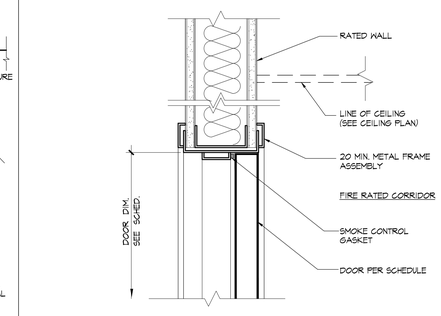
S HEAVY DUTY WALL BACKING
N.T.S.



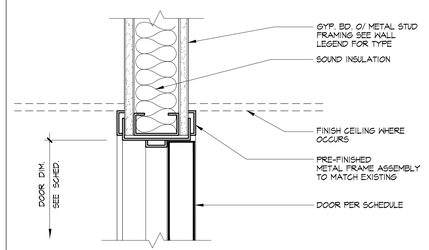
T LIGHT DUTY WALL BACKING
N.T.S.



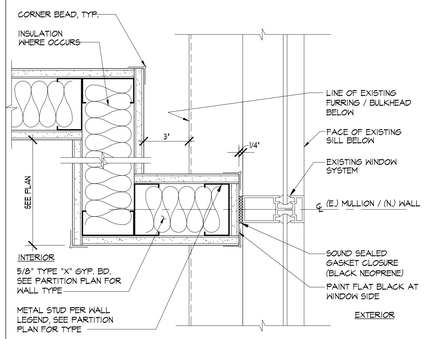
P OPERABLE PARTITION SECTION
3"=1'-0"



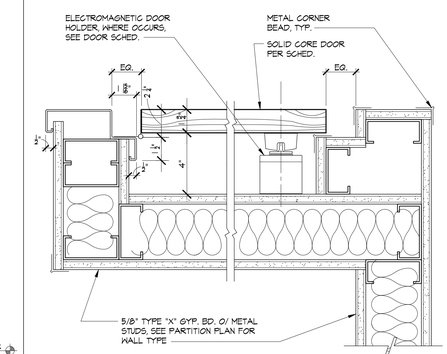
J RATED DOOR HEAD - JAMB SIMILAR - SECTION
3"=1'-0"



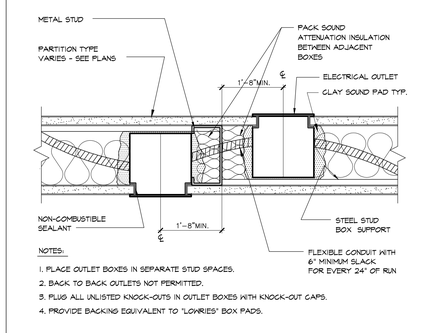
E NON-RATED DOOR HEAD-JAMB SIM. - SECTION
3"=1'-0"



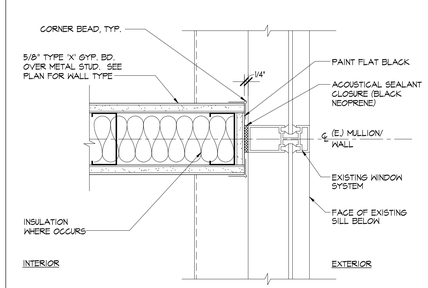
A PARTITION TO (E.) EXT. MULLION
3"=1'-0"



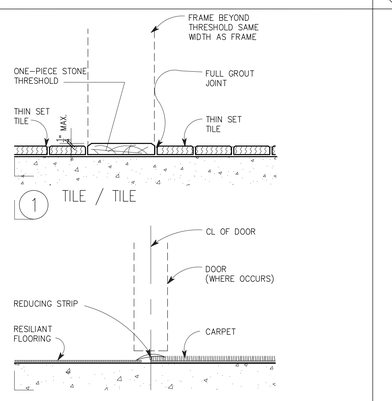
K POCKET DOOR JAMB
3"=1'-0"



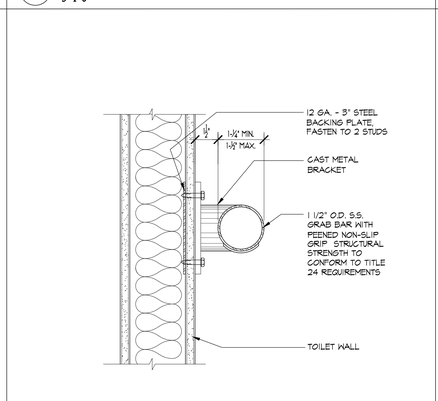
F OUTLET BOXES IN WALL
3"=1'-0"



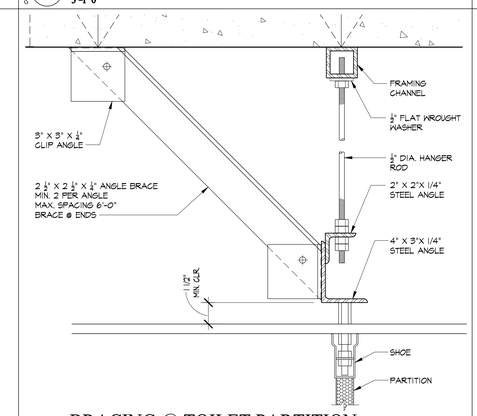
B PARTITION TO (E.) EXT. MULLION
3"=1'-0"



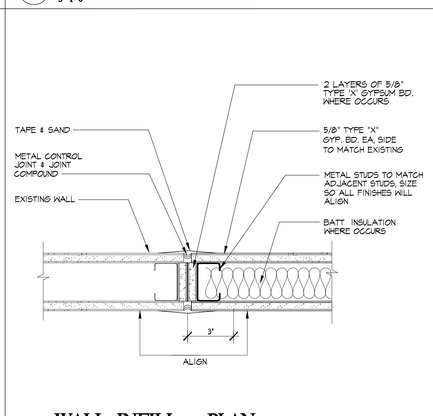
V TYPICAL FLOOR MATERIAL TRANSIT
N.T.S.



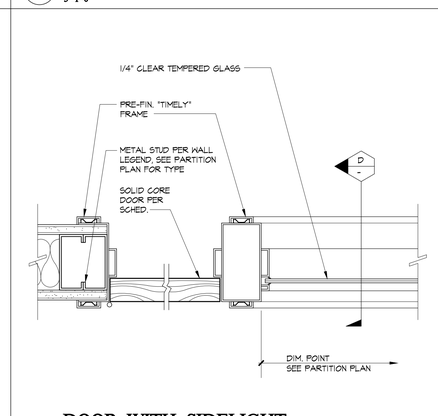
Q GRAB BAR DETAIL - SECTION
3"=1'-0"



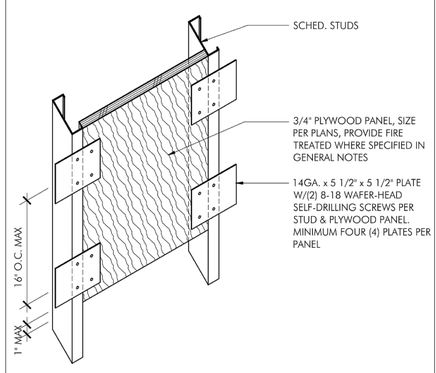
L BRACING @ TOILET PARTITION
3"=1'-0"



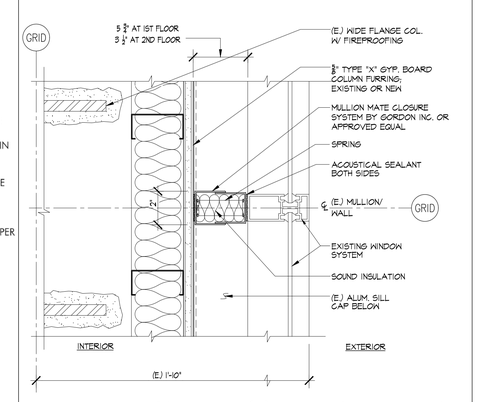
G WALL INFILL - PLAN
3"=1'-0"



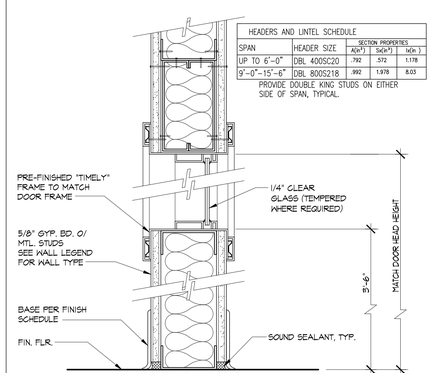
C DOOR WITH SIDELIGHT
3"=1'-0"



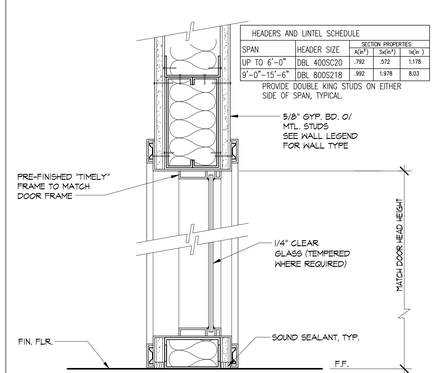
R PLYWOOD WALL BACKING
N.T.S.



M ALUM. CLOSURE AT (E.) EXT. COL. FURRING
3"=1'-0"



H FIXED WINDOW SECTION
3"=1'-0"



D TYP. OFFICE SIDELIGHT/WINDOW SECT.
3"=1'-0"

pk:architecture
5126 clareton drive : suite 110
agoura hills, california 91301
v 818 597 1005 7 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19
	PLAN CHECK SUBMIT.	12.19.19
	BID ISSUE	02.24.20

sheet title

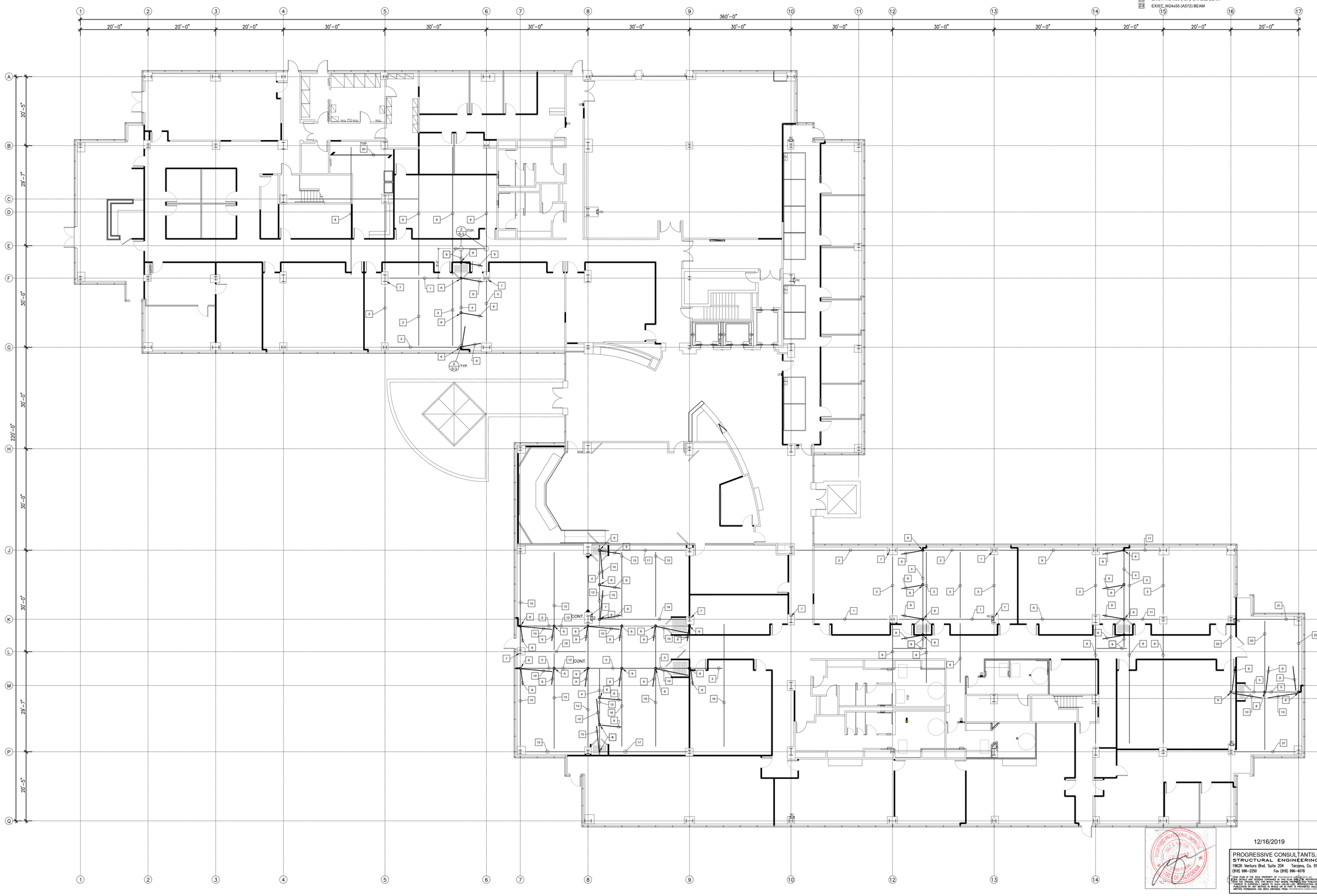
DETAILS

drawn by
project no 18-66.60
date
scale

TA6.2

LEGEND

1. EXIST. W24x55 (A572 GRADE) STEEL BEAM
2. EXIST. STEEL BEAM (A572 GRADE)
3. EXIST. W14x22 STEEL BEAM
4. NEW W14x30 STEEL BEAM
5. NEW W14x22 STEEL BEAM
6. TS 3x3x¼ HANGING COL. SEE 1/S-3
7. EXIST. STEEL COL.
8. EXIST. W21x44 (A572) STEEL BEAM
9. BRACING SEE 1/S-3
10. BRACING SEE DET. 2/S-3
11. EXIST. W18x40 (A572 GRADE) BEAM
12. TS 4x6x½ CONT. BEAM FOR SUPPORTING THE FOLDING PARTITION.
13. EXIST. STEEL BEAM
14. EXIST. W24x62 (A572 GRADE)
15. EXIST. W18x35
16. EXIST. W21x57 (A572 GRADE)
17. EXIST. W24x68 (A572 GRADE)
18. EXIST. W24x76 (A572 GRADE)
19. EXIST. W18x40 (A572)
20. EXIST. 18GA-3" STEEL DECK w/2½" NORMAL WT 3000 psi CONC. SLAB (TOTAL 5½")
21. EXIST. W18x35 (A572) BEAM
22. EXIST. W24x55 (A572 GRADE) BEAM
23. EXIST. W24x55 (A572) BEAM



pk:a architecture
5126 clareton drive : suite 110
agoura hills, california 91301
v 818 991 0057 f 818 991 0093
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE – 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19

sheet title

2nd FLOOR FRMG. PLAN

drawn by

project no 18-66.60

date

scale

S-1

P.C.#19-038

12/16/2019

PROGRESSIVE CONSULTANTS,INC
STRUCTURAL ENGINEERING
19626 Ventura Blvd. Suite 204 Tarzana, Ca. 91356
(818) 996-2250 Fax (818) 996-4078

THIS PLAN IS THE SOLE PROPERTY OF PROGRESSIVE CONSULTANTS, INC. ITS REUSE AND ACCURACY CONTAINED IN THIS PLAN SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH IT WAS PREPARED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REUSE, REPRODUCTION OR PUBLICATION BY ANY METHOD, IN WHOLE OR IN PART, IS PROHIBITED. TITLE TO PLANS AND SPECIFICATIONS REMAINS WITH PROGRESSIVE CONSULTANTS, INC.

LEGEND

1. EXIST. W24x55 (A572 GRADE) STEEL BEAM
2. EXIST. STEEL BEAM (A572 GRADE)
3. EXIST. W14x22 STEEL BEAM
4. NEW W14x30 STEEL BEAM
5. NEW W14x22 STEEL BEAM
6. TS 3x3x ¼ HANGING COL. SEE 1/S-3
7. EXIST. STEEL COL.
8. EXIST. W21x44 (A572) STEEL BEAM
9. BRACING SEE 1/S-3
10. BRACING SEE DET. 2/S-3
11. EXIST. W18x40 (A572 GRADE) BEAM
12. TS 4x6x¼ CONT. BEAM FOR SUPPORTING THE FOLDING PARTITION.
13. EXIST. STEEL BEAM
14. EXIST. W24x62 (A572 GRADE)
15. EXIST. W18x35
16. EXIST. W21x57 (A572 GRADE)
17. EXIST. W24x68 (A572 GRADE)
18. EXIST. W24x76 (A572 GRADE)
19. EXIST. W18x40 (A572)
20. EXIST. 18GA-3" STEEL DECK w/2½" NORMAL WT 3000 psi CONC. SLAB (TOTAL 5½")
21. EXIST. W18x35 (A572) BEAM
22. EXIST. W24x55 (A572 GRADE) BEAM
23. EXIST. W24x55 (A572) BEAM

pk:architecture
5126 clareton drive, suite 110
agoura hills, california 91301
v 818 597 1005 7 f 818 597 1009
w pkarchitecture.net

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N. SOLAR DRIVE – 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

	remarks	date
1	PROGRESS SET	10.14.19

sheet title

3rd FLOOR FRMG. PLAN

drawn by

project no 18-66.60

date

scale

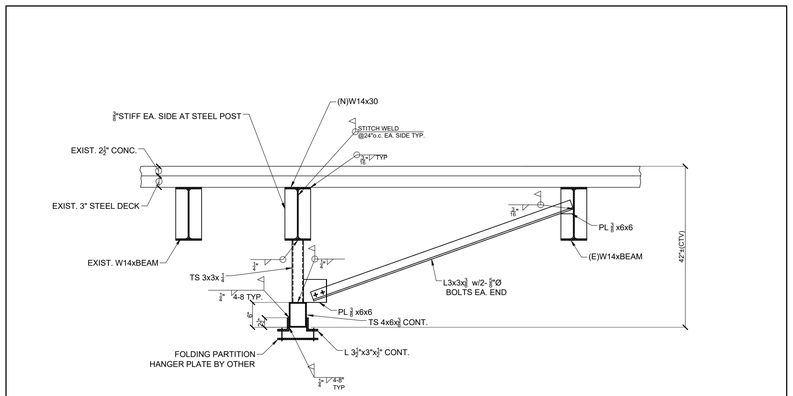
S-2

12/16/2019

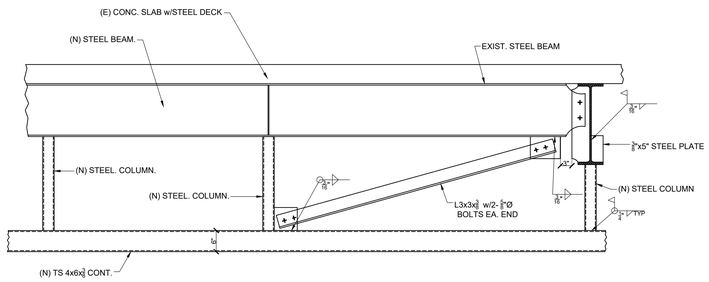
PROGRESSIVE CONSULTANTS,INC
STRUCTURAL ENGINEERING
19626 Ventura Blvd. Suite 204 Tarzana, Ca. 91356
(818) 996-2250 Fax (818) 996-4078

THIS PLAN IS THE SOLE PROPERTY OF PROGRESSIVE CONSULTANTS, INC. AND IS NOT TO BE USED IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN THE SPECIFIED JOB FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE.RE-USE, REPRODUCTION OR PUBLICATION BY ANY METHOD, IN WHOLE OR IN PART, IS PROHIBITED WITHOUT WRITTEN PERMISSION AND SEEN OBTAINED FROM PROGRESSIVE CONSULTANTS, INC.

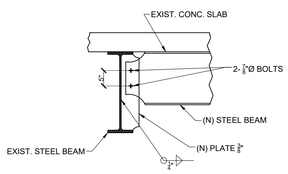
P.C.#19-038



1



2



3

GENERAL :

1. ALL DETAILS SECTIONS AND NOTES SHOWN ON DRAWINGS ARE INTENTED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS OTHER WISE NOTED.

2. ALL DESIGNS AND CONSTRUCTION SHALL BE IN ACCORDANCE OF THE 2016 EDITION OF THE " CALIFORNIA BUILDING CODE", AS AMENDED BY CITY ORDINANCE

3. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE GOVERNING BUILDING CODE.

4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE AND NOTIFY ENGINEER OF ANY DISCREPANCIES AND INCONSISTENCIES WHICH MAY EXIST.

5. ALL ASTM. STANDARDS SHALL BE AS AMENDED TO DATE U.N.O.

6. ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE STRUCTURAL ENGINEER BEFORE PROCEDING WITH ANY WORK INVOLVED.

7. ALL CONCRETE IS DESIGNED BY ULTIMATE STRENGTH.

8. COORDINATE ALL ELEVATIONS WITH ARCHITECTURAL DRAWINGS.

9. RETAINING WALLS SHALL NOT BE BACKFILLED UNTIL CONNECTING SLABS ARE IN PLACE AND HAVE GAINED THE DESIGNED CONCRETE STRENGTH PROVIDE WEEP HOLES AT THE BASE OF RETAINING WALLS.

10. THE CONTRACTOR SHALL COORDINATE AND VERIFY WITH ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR SIZE AND LOCATION OF WALL, FLOOR, AND ROOF OPENINGS, WALL OFFSETS, PROVISIONS FOR PRESENT AND FUTURE EQUIPMENT, ATTATCHMENT AND MOUNTING OF FIXTURES, INSERTS AND OTHER EMBEDDED HARDWARES, STAIR DETAILS, PIPE, VENTS, DUCTS, AND OTHER OPENINGS, AND OTHER DETAILS, WHETHER OR NOT SHOWN ON THE STRUCTURAL DRAWINGS.

11. PROVIDE ADECUATE SHORING AND BRACING TO SUPPORT ALL CONSTRUCTION LOADS.

12. DURING CONSTRUCTION, PRIOR TO INCORPORATING ANY CHANGES, REVISIONS, MODIFICATIONS AND ANY DEVIATIONS FROM THE STRUCTURAL DRAWINGS, SHALL BE BROUGHT TO THE ATTENTION OF AND OBTAIN APPROVAL FROM THE ARCHITECT, STRUCTURAL ENGINEER AND THE GOVERNING BUILDING DEPARTMENT.

SAFETY NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH THE PERTINENT SECTIONS AS THEY APPLY TO THIS PROJECT OF THE "CONSTRUCTION SAFETY ORDERS" ISSUED BY THE STATE OF CALIFORNIA LATEST EDITION.

2. THE ARCHITECT, STRUCTURAL ENGINEER AND THE OWNER DO NOT ACCEPT ANY RESPONSABILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY WITH THESE SAFETY ORDERS.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADECUATE DESIGN AND CONSTRUCTION OF ALL FORMS AND SHORING REQUIRED.

4. CONTRACTOR TO SHOR ALL EXISTING FRAMING PRIOR TO REMOVAL OF ANY SUPPORT, TYPICAL.

5. "NO TRENCHES OR EXCAVATIONS 5' OR MORE IN DEPTH INTO WHICH A PERSON IS REQUIRED TO DESCEND", OR, OBTAIN NECESSARY PERMIT FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE ISSUANCE OF A BUILDING OR GRADING PERMIT.

ENGINEER'S DISCLOSURE:

-THIS FIRM DOES NOT PRACTICE OR CONSULT IN THE FIELD OF SAFETY ENGINEERING. WE DO NOT DIRECT THE CONTRACTOR'S OPERATIONS, AND WE ARE NOT RESPONSIBLE FOR FOR OTHER THAN OUR PERSONNEL ON THE SITE. THEREFORE, THE SAFETY OF OTHERS IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHOULD NOTIFY THE OWNER IF HE CONSIDERS ANY OF THE RECOMMENDED ACTIONS PRESENTED HEREIN TO BE UNSAFE.

STRUCTURAL STEEL:

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST AISC STANDARD PRACTICE.
2. STRUCTURAL STEEL SHALL CONFORM ASTM A992, MIN.Fy'=50KSI. STEEL PIPE SHALL CONFORM TO ASTM A-53, GRADE B. STEEL BOLTS TO CONFORM TO ASTM A-325N.
3. ALL WELDING SHALL BE PERFORMED BY A WELDER CERTIFIED BY THE BUILDING DEPARTMENT.
4. LIGHT GAGE STRUCTURAL STEEL SHALL CONFORM TO ASTM A570 OR A611.
5. PROVIDE MIN. 2-7/8" DIA. BOLTS FOR A BOLTED CONNECTION IF NOT SPECIFIED ON THE PLANS.
6. ALL WELDING SHALL BE E70 XX ELECTRODE.
7. STRUCTURAL STEEL FABRICATOR SHALL BE CERTIFIED BY THE GOVERNING BUILDING DEPARTMENT.
8. STEEL TUBING TO CONFORM ASTM A-501 GRADE B. Fy'=46 KSI.
   STEEL PLATE TO CONFORM ASTM A-36.
   STEEL ANGLE TO CONFORM ASTM A-36.
10. LICENSED FABRICATOR REQUIRED FOR STEEL FABRICATION.
11. CONTINUOUS INSPECTION REQUIRED FOR ALL FIELD WELDING.
12. FIELD WELDING TO BE DONE BY WELDERS MUST BE CERTIFIED BY THE CARPENTERIA CITY BUILDING DEPARTMENT FOR STRUCTURAL STEEL.
13. SHOP WELDS MUST BE PERFORMED IN A CARPENTERIA CITY BLDG. DEPT. LICENSED FABRICATOR'S SHOP.
14. UNISTRUT SHALL BE 10 GAUGE MINIMUM.

15. THE SEISMIC DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH CHAPTERS A TO F OF SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.

16. WELDED JOINTS SHALL BE DESIGNED IN ACCORDANCE WITH CHAPTER J OF THE SPECIFICATION AND A WELDING PROCEDURE SPECIFICATION (WPS) AS REQUIRED IN AWS D1.8/D1.8M AND APPROVED BY THE ENGINEER OF RECORD. "PROVIDE WELDING PROCEDURE SPECIFICATION" ON PLANS.

17. ALL COMPLETE-JOINT-PENETRATION GROOVE WELDS USED IN THE SEISMIC FORCE RESISTING SYSTEM SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CVN TOUGHNESS OF 20 ft-lbs AT MINUS 20° F AND 40 ft-lbs AT 70° F.

18. DISCONTINUITIES IN WELD CREATED BY ERRORS OR BY FABRICATION OR ERECTION OPERATIONS, SUCH AS TACK WELDS, ERECTION AIDS, AIR-ARC GOUGING AND FLAME CUTTING, SHALL BE REPAIRED AS REQUIRED BY THE ENGINEER OF RECORD.

19. ALL BOLTS USED AS A PART OF THE SEISMIC FORCE RESISTING SYSTEM SHALL BE FULLY TENSIONED HIGH STRENGTH BOLTS.

20. THE SPECIFICATION AND FABRICATION FOR STEEL FRAMES SHALL COMPLY WITH ATTACHED WELDING AND FABRICATION PROCEDURES.

SEISMIC COEFFICIENTS

Ss = 1.78 ***S_{M1} = Fv*S1 = NULL***

S1 = 0.66 ***S_{D1} = 2/3*S_{M1} = NULL***

S_{MS} = 1.78

S_{DS} = 1.187

Fa = 1.0

Fv = 1.5

I = 1.0 Importance Factor

Rp = 2.5

SEISMIC DESIGN CATEGORY ---- D

NAILING SCHEDULE

CONNECTION	NAILING
1. JOIST TO SILL OR GIRDER, TOENAIL.	3-8d
2. BRIDGING TO JOIST, TOENAIL EACH END.	2-8d
3. 1"x6" SUBFLOOR OR LESS TO EACH JOIST. FACE NAIL	2-8d
4. WIDER THAN 1"x6" SUBFLOOR TO EACH JOIST. FACE NAIL	3-8d
5. 2"SUBFLOOR TO JOIST OR GIRDER. BLIND AND FACE NAIL	2-16d
6. SOLE PLATE TO JOIST OR BLOCKING. FACE NAIL	16d @ 16"o.c, 2-16d
7. TOP PLATE TO STUD. END NAIL	4-8 TOENAIL OR 2-16d. END NAIL
8. STUD TO SOLE PLATE	2-16d
9. DOUBLE STUDS. FACE NAIL	16d @ 24"o.c.
10. DOUBLED TOP PLATES. FACE NAIL	16d @ 16"o.c.
11. TOP PLATES, LAPS AND INTERSECTIONS. FACE NAIL	2-16d
12. CONTINUOUS HEADER, TWO PIECES	16d @ 16"o.c. ALONG EACH EDGE
13. CEILING JOIST TO PLATE. TOENAIL	3-8d
14. CONTINUOUS HEADER TO STUD. TOENAIL	4-8d
15. CEILING JOISTS, LAPS OVER PARTITIONS. FACE NAIL	3-16d
16. CEILING JOIST TO PARALLEL RAFTERS. FACE NAIL	3-16d
17. RAFTER TO PLATE. TOENAIL	3-8d
18. 1"BRACE TO EACH STUD AND PLATE. FACE NAIL	2-8d
19. 1"x8" SHEATHING OR LESS TO EACH BEARING. FACE NAIL	2-8d
20. WIDER THAN 1"x8" SHEATHING TO EACH BEARING. FACE NAIL	3-8d
21. BUILT-UP CORNER STUDS	16d @ 24"o.c.
22. BUILT-UP GIRDER AND BEAMS	20d @ 32"o.c. AT TOP AND BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE

ENGINEER'S DISCLOSURE:

-THIS FIRM DOES NOT PRACTICE OR CONSULT IN THE FIELD OF SAFETY ENGINEERING. WE DO NOT DIRECT THE CONTRACTOR'S OPERATIONS, AND WE ARE NOT RESPONSIBLE FOR FOR OTHER THAN OUR PERSONNEL ON THE SITE. THEREFORE, THE SAFETY OF OTHERS IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHOULD NOTIFY THE OWNER IF HE CONSIDERS ANY OF THE RECOMMENDED ACTIONS PRESENTED HEREIN TO BE UNSAFE.

-THE ENGINEER SHALL NOT HAVE CONTROL OVER OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, SINCE THIS ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY UNDER THE CONTRACT FOR CONSTRUCTION. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S SCHEDULES OR FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACTOR'S DOCUMENTS. THE ENGINEER SHALL NOT HAVE CONTROL OVER OR CHARGE OF ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR OR THEIR AGENTS OR EMPLOYEES, OR ANY OF THE PERSONS PERFORMING PORTIONS OF THE WORK.

pk:a
pk:architecture
5126 clareton drive suite 110
agoura hills, california 91301
v. 818.564-0057 f. 818.564-0060
w. pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N. SOLAR DRIVE – 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PROGRESS SET	10.14.19

sheet title

DETAILS & GENERAL NOTES

drawn by

project no 18–66.60

date

scale

S-3

12/16/2019

PROGRESSIVE CONSULTANTS,INC.
STRUCTURAL ENGINEERING
19626 Ventura Blvd. Suite 204 Tarzana, Ca. 91356
(818) 996–2250 Fax (818) 996–4078

THIS PLAN IS THE SOLE PROPERTY OF PROGRESSIVE CONSULTANTS INC. AND IS NOT TO BE USED IN WHOLE OR IN PART FOR ANY PURPOSE NOT INTENDED FOR THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE.RE-USE, REPRODUCTION OR PUBLICATION BY ANY METHOD, IN WHOLE OR IN PART, IS PROHIBITED WITHOUT WRITTEN PERMISSION AND BEING OBTAINED FROM PROGRESSIVE CONSULTANTS INC.

P.C.#19–038

Z:\2019\2019038 1800 N. Solar drive, Oxnard\Structural\DETAILS.dwg, 12/16/2019 2:48:26 PM, DWG To PDF.pc3

STATE OF CALIFORNIA
MECHANICAL SYSTEMS
CEC-NRCC-MCH-01-E (Revised 01/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-01-E
Mechanical Systems	(Page 1 of 4)
Project Name: TI for RIO School District	Date Prepared: 2/24/2020

A. MECHANICAL COMPLIANCE DOCUMENTS & WORKSHEETS (check box if worksheet is included)

For detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, refer to the 2016 Nonresidential Manual
Note: The Enforcement Agency may require all forms to be incorporated onto the building plans.

YES	NO	Comp. Doc./Worksheet #	Title
☑	☐	NRCC-MCH-01-E (Part 1 of 3)	Certificate of Compliance, Declaration. Required on plans for all submittals.
☑	☐	NRCC-MCH-01-E (Part 2 of 3)	Certificate of Compliance, Required Acceptance Tests (MCH-02-A to 11-A). Required on plans for all submittals.
☑	☐	NRCC-MCH-01-E (Part 3 of 3)	Certificate of Compliance, Required Acceptance Tests (MCH-12-A to 18-A). Required on plans where applicable.
☐	☑	NRCC-MCH-02-E (Part 1 of 2)	Mechanical Dry Equipment Summary is required for all submittals with Central Air Systems. It is optional on plans.
☐	☑	NRCC-MCH-02-E (Part 2 of 2)	Mechanical Wet Equipment Summary is required for all submittals with chilled water, hot water or condenser water systems. It is optional on plans.
☑	☐	NRCC-MCH-03-E	Mechanical Ventilation and Reheat is required for all submittals with multiple zone heating and cooling systems. It is optional on plans.
☐	☑	NRCC-MCH-07-E (Part 1 of 2)	Power Consumption of Fans. Required on plans where applicable
☐	☑	NRCC-MCH-07-E (Part 2 of 2)	Power Consumption of Fans, Declaration. Required on plans where applicable

STATE OF CALIFORNIA
MECHANICAL SYSTEMS
CEC-NRCC-MCH-01-E (Revised 01/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-01-E
Mechanical Systems	(Page 2 of 4)
Project Name: TI for RIO School District	Date Prepared: 2/24/2020

B. MECHANICAL HVAC ACCEPTANCE FORMS (check box for required compliance documents)

Test Performed By:

Designer:
This compliance document is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for HVAC systems. The designer is required to check the applicable boxes for all acceptance tests that apply and list all equipment that requires an acceptance test. All equipment of the same type that requires a test, list the equipment description and the number of systems.

Installing Contractor:
The contractor who installed the equipment is responsible to either conduct the acceptance test themselves or have a qualified entity run the test for them. If more than one person has responsibility for the acceptance testing, each person shall sign and submit the Certificate of Acceptance applicable to the portion of the construction or installation for which they are responsible.

Enforcement Agency:
Plancheck – The NRCC-MCH-01-E compliance document is not considered a completed document and is not to be accepted by the building department unless the correct boxes are checked.
Inspector - Before occupancy permit is granted all newly installed process systems must be tested to ensure proper operations.

Test Description		MCH-02-A	MCH-03-A	MCH-04-A	MCH-05-A	MCH-06-A	MCH-07-A	MCH-08-A	MCH-09-A	MCH-10-A	MCH-11-A
Equipment Requiring Testing or Verification	# of Units	Outdoor Air	Single Zone Unitary	Air Distribution Ducts	Economizer Controls	Demand Control Ventilation (DCV)	Supply Fan VAV	Valve Leakage Test	Supply Water Temp. Reset	Hydronic System Variable Flow Control	Automatic Demand Shed Control
FUJITSU ASU2	1	☑	☑	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

STATE OF CALIFORNIA
MECHANICAL SYSTEMS
CEC-NRCC-MCH-01-E (Revised 01/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-01-E
Mechanical Systems	(Page 3 of 4)
Project Name: TI for RIO School District	Date Prepared: 2/24/2020

C. MECHANICAL HVAC ACCEPTANCE FORMS (check box for required compliance documents)

Test Performed By:

Designer:
This compliance document is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for HVAC systems. The designer is required to check the applicable boxes for all acceptance tests that apply and list all equipment that requires an acceptance test. All equipment of the same type that requires a test, list the equipment description and the number of systems.

Installing Contractor:
The contractor who installed the equipment is responsible to either conduct the acceptance test themselves or have a qualified entity run the test for them. If more than one person has responsibility for the acceptance testing, each person shall sign and submit the Certificate of Acceptance applicable to the portion of the construction or installation for which they are responsible.

Enforcement Agency:
Plancheck – The NRCC-MCH-01-E compliance document is not considered a completed document and is not to be accepted by the building department unless the correct boxes are checked.
Inspector - Before occupancy permit is granted all newly installed process systems must be tested to ensure proper operations.

Test Description		MCH-12-A	MCH-13-A	MCH-14-A	MCH-15-A	MCH-16-A	MCH-17-A	MCH-18-A
Equipment Requiring Testing or Verification	# of Units	Fault Detection & Diagnostics for DX Units	Automatic Fault Detection & Diagnostics for Air & Zone	Distributed Energy Storage DX AC Systems	Thermal Energy Storage (TES) Systems	Supply Air Temperature Reset Controls	Condenser Water Reset Controls	ECMS
FUJITSU ASU2	1	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐

STATE OF CALIFORNIA
MECHANICAL SYSTEMS
CEC-NRCC-MCH-01-E (Revised 01/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-01-E
Mechanical Systems	(Page 4 of 4)
Project Name: TI for RIO School District	Date Prepared: 2/24/2020

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name:	Eric Santellan	Documentation Author Signature:	
Company:	Kevin A. Smola and Associates	Signature Date:	2/24/2020
Address:	16025 Arrow Highway, Ste. C	CEA/ HERS Certification Identification (if applicable):	
City/State/Zip:	Irwindale, CA 91706	Phone:	626-585-9338

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name:	Kevin A. Smola	Responsible Designer Signature:	
Company:	Kevin A. Smola and Associates	Date Signed:	
Address:	16025 Arrow Hwy Ste C	License:	M21106
City/State/Zip:	Irwindale, CA 91706	Phone:	626-585-9338

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-03-E
Mechanical Ventilation & Reheat	(Page 1 of 2)
Project Name: TI for RIO School District	Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASIS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
ZONE / SYSTEM / VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	CNTRL TYPE: DDC or TSTA	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (ft²)	MIN CFM PER AREA	MIN. CFM BY AREA	NUM. OF PEOPLE	CFM PER PERSON	MIN CFM BY OCCUPANCY	MIN. CFM BY ROOM	REQ'D VENT AIRFLOW (CFM)	COMPLIES?	PERCENTAGE BASED DESIGN PRIMARY COOLING AIR (CFM)	MAXIMUM REHEAT (CFM)	COMPLIES?	% BASED DESIGN PRIMARY COOLING AIR (CFM)	MAX DEAD BAND AIRFLOW (CFM)	COMPLIES?
1-1	500	100	250	Y		421	0.15	63	2.1	30.0	63		63	☒ Pass ☐ Fail	250	250	☒ Pass ☐ Fail ☐ N/A	100	100	☒ Pass ☐ Fail ☐ N/A
1-2	660	132	330	Y		530	0.15	80	2.7	30.0	80		80	☒ Pass ☐ Fail	330	330	☒ Pass ☐ Fail ☐ N/A	132	132	☒ Pass ☐ Fail ☐ N/A
1-3	500	100	250	Y		438	0.15	66	2.2	30.0	66		66	☒ Pass ☐ Fail	250	250	☒ Pass ☐ Fail ☐ N/A	100	100	☒ Pass ☐ Fail ☐ N/A
1-4	420	84	210	Y	61	289	0.50	145	9.6	15.0	145		145	☒ Pass ☐ Fail	210	210	☒ Pass ☐ Fail ☐ N/A	84	145	☒ Pass ☐ Fail ☐ N/A
1-5	1,060	212	530	Y		1,303	0.15	195	6.5	30.0	195		195	☒ Pass ☐ Fail	530	530	☒ Pass ☐ Fail ☐ N/A	212	212	☒ Pass ☐ Fail ☐ N/A
1-6	975	195	485	Y	7	404	0.50	202	13.5	15.0	202		202	☒ Pass ☐ Fail	488	488	☒ Pass ☐ Fail ☐ N/A	195	202	☒ Pass ☐ Fail ☐ N/A
1-7	500	100	0	Y		525	0.15	79	2.6	30.0	79		79	☒ Pass ☐ Fail	250	250	☒ Pass ☐ Fail ☐ N/A	100	100	☒ Pass ☐ Fail ☐ N/A

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-03-E
Mechanical Ventilation & Reheat	(Page 1 of 2)
Project Name: TI for RIO School District	Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASIS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
ZONE / SYSTEM / VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	CNTRL TYPE: DDC or TSTA	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (ft²)	MIN CFM PER AREA	MIN. CFM BY AREA	NUM. OF PEOPLE	CFM PER PERSON	MIN CFM BY OCCUPANCY	MIN. CFM BY ROOM	REQ'D VENT AIRFLOW (CFM)	COMPLIES?	PERCENTAGE BASED DESIGN PRIMARY COOLING AIR (CFM)	MAXIMUM REHEAT (CFM)	COMPLIES?	% BASED DESIGN PRIMARY COOLING AIR (CFM)	MAX DEAD BAND AIRFLOW (CFM)	COMPLIES?
1-8	500	100	0	Y		623	0.15	93	3.1	30.0	93		93	☒ Pass ☐ Fail	250	250	☒ Pass ☐ Fail ☐ N/A	100	100	☒ Pass ☐ Fail ☐ N/A
1-9	830	166	0	Y		744	0.15	112	3.7	30.0	112		112	☒ Pass ☐ Fail	415	415	☒ Pass ☐ Fail ☐ N/A	166	166	☒ Pass ☐ Fail ☐ N/A
1-10	410	82	0	Y		384	0.15	58	1.9	30.0	58		58	☒ Pass ☐ Fail	205	205	☒ Pass ☐ Fail ☐ N/A	82	82	☒ Pass ☐ Fail ☐ N/A
1-11	930	186	0	Y	150	883	0.38	336	22.1	15.0	331		336	☒ Pass ☐ Fail	465	465	☒ Pass ☐ Fail ☐ N/A	186	336	☒ Pass ☐ Fail ☐ N/A
1-12	640	128	0	Y	17	964	0.15	145	4.8	30.0	145		145	☒ Pass ☐ Fail	320	320	☒ Pass ☐ Fail ☐ N/A	128	145	☒ Pass ☐ Fail ☐ N/A
1-13	2,190	438	0	Y		1,575	0.15	236	7.9	30.0	236		236	☒ Pass ☐ Fail	1,095	1,095	☒ Pass ☐ Fail ☐ N/A	438	438	☒ Pass ☐ Fail ☐ N/A
1-14	700	140	350	Y		416	0.15	62	2.1	30.0	62		62	☒ Pass ☐ Fail	350	350	☒ Pass ☐ Fail ☐ N/A	140	140	☒ Pass ☐ Fail ☐ N/A

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-03-E
Mechanical Ventilation & Reheat	(Page 1 of 2)
Project Name: TI for RIO School District	Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASIS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
ZONE / SYSTEM / VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	CNTRL TYPE: DDC or TSTA	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (ft²)	MIN CFM PER AREA	MIN. CFM BY AREA	NUM. OF PEOPLE	CFM PER PERSON	MIN CFM BY OCCUPANCY	MIN. CFM BY ROOM	REQ'D VENT AIRFLOW (CFM)	COMPLIES?	PERCENTAGE BASED DESIGN PRIMARY COOLING AIR (CFM)	MAXIMUM REHEAT (CFM)	COMPLIES?	% BASED DESIGN PRIMARY COOLING AIR (CFM)	MAX DEAD BAND AIRFLOW (CFM)	COMPLIES?
1-15	420	84	0	Y		413	0.15	62	2.1	30.0	62		62	☒ Pass ☐ Fail	210	210	☒ Pass ☐ Fail ☐ N/A	84	84	☒ Pass ☐ Fail ☐ N/A
1-16	700	140	350	Y		401	0.15	60	2.0	30.0	60		60	☒ Pass ☐ Fail	350	350	☒ Pass ☐ Fail ☐ N/A	140	140	☒ Pass ☐ Fail ☐ N/A
1-17	650	130	325	Y		434	0.15	65	2.2	30.0	65		65	☒ Pass ☐ Fail	325	325	☒ Pass ☐ Fail ☐ N/A	130	130	☒ Pass ☐ Fail ☐ N/A
1-18	490	98	0	Y		530	0.15	80	2.7	30.0	80		80	☒ Pass ☐ Fail	245	245	☒ Pass ☐ Fail ☐ N/A	98	98	☒ Pass ☐ Fail ☐ N/A
1-19	1,235	247	615	Y	86	666	0.50	333	22.2	15.0	333		333	☒ Pass ☐ Fail	618	618	☒ Pass ☐ Fail ☐ N/A	247	333	☒ Pass ☐ Fail ☐ N/A
1-20	1,300	260	650	Y	32	769	0.38	292	19.2	15.0	288		292	☒ Pass ☐ Fail	650	650	☒ Pass ☐ Fail ☐ N/A	260	292	☒ Pass ☐ Fail ☐ N/A
1-21	1,100	220	550	Y	58	731	0.38	278	18.3	15.0	274		278	☒ Pass ☐ Fail	550	550	☒ Pass ☐ Fail ☐ N/A	220	278	☒ Pass ☐ Fail ☐ N/A

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-03-E
Mechanical Ventilation & Reheat	(Page 1 of 2)
Project Name: TI for RIO School District	Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASIS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
ZONE / SYSTEM / VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	CNTRL TYPE: DDC or TSTA	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (ft²)	MIN CFM PER AREA	MIN. CFM BY AREA	NUM. OF PEOPLE	CFM PER PERSON	MIN CFM BY OCCUPANCY	MIN. CFM BY ROOM	REQ'D VENT AIRFLOW (CFM)	COMPLIES?	PERCENTAGE BASED DESIGN PRIMARY COOLING AIR (CFM)	MAXIMUM REHEAT (CFM)	COMPLIES?	% BASED DESIGN PRIMARY COOLING AIR (CFM)	MAX DEAD BAND AIRFLOW (CFM)	COMPLIES?
1-22	1,100	220	550	Y	80	789	0.38	300	19.7	15.0	296		300	☒ Pass ☐ Fail	550	550	☒ Pass ☐ Fail ☐ N/A	220	300	☒ Pass ☐ Fail ☐ N/A
1-23	1,350	270	0	Y		1,333	0.15	200	6.7	30.0	200		200	☒ Pass ☐ Fail	675	675	☒ Pass ☐ Fail ☐ N/A	270	270	☒ Pass ☐ Fail ☐ N/A
1-24	2,000	400	1,000	Y	163	1,126	0.50	563	37.5	15.0	563		563	☒ Pass ☐ Fail	1,000	1,000	☒ Pass ☐ Fail ☐ N/A	400	563	☒ Pass ☐ Fail ☐ N/A
1-25	2,200	440	1,100	Y	225	1,330	0.50	665	44.3	15.0	665		665	☒ Pass ☐ Fail	1,100	1,100	☒ Pass ☐ Fail ☐ N/A	440	665	☒ Pass ☐ Fail ☐ N/A
1-26	420	84	0	Y		412	0.15	62	2.1	30.0	62		62	☒ Pass ☐ Fail	210	210	☒ Pass ☐ Fail ☐ N/A	84	84	☒ Pass ☐ Fail ☐ N/A
1-27	800	160	400	Y		461	0.15	69	2.3	30.0	69		69	☒ Pass ☐ Fail	400	400	☒ Pass ☐ Fail ☐ N/A	160	160	☒ Pass ☐ Fail ☐ N/A
1-28	520	104	260	Y		140	0.15	21	0.7	30.0	21		21	☒ Pass ☐ Fail	260	260	☒ Pass ☐ Fail ☐ N/A	104	104	☒ Pass ☐ Fail ☐ N/A

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-03-E
Mechanical Ventilation & Reheat	(Page 1 of 2)
Project Name: TI for RIO School District	Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASIS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
ZONE / SYSTEM / VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	CNTRL TYPE: DDC or TSTA	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (ft²)	MIN CFM PER AREA	MIN. CFM BY AREA	NUM. OF PEOPLE	CFM PER PERSON	MIN CFM BY OCCUPANCY	MIN. CFM BY ROOM	REQ'D VENT AIRFLOW (CFM)	COMPLIES?	PERCENTAGE BASED DESIGN PRIMARY COOLING AIR (CFM)	MAXIMUM REHEAT (CFM)	COMPLIES?	% BASED DESIGN PRIMARY COOLING AIR (CFM)	MAX DEAD BAND AIRFLOW (CFM)	COMPLIES?
1-29	1,050	210	525	Y		1,044	0.15	157	5.2	30.0	157		157	☒ Pass ☐ Fail	525	525	☒ Pass ☐ Fail ☐ N/A	210	210	☒ Pass ☐ Fail ☐ N/A
1-30	1,080	216	0	Y		846	0.15	127	4.2	30.0	127		127	☒ Pass ☐ Fail	540	540	☒ Pass ☐ Fail ☐ N/A	216	216	☒ Pass ☐ Fail ☐ N/A
1-31	350	70	0	Y		148	0.15	22	0.7	30.0	22		22	☒ Pass ☐ Fail	175	175	☒ Pass ☐ Fail ☐ N/A	70	70	☒ Pass ☐ Fail ☐ N/A
1-32	1,040	208	520	Y	25	612	0.38	233	15.3	15.0	230		233	☒ Pass ☐ Fail	520	520	☒ Pass ☐ Fail ☐ N/A	208	233	☒ Pass ☐ Fail ☐ N/A
1-33	660	132	0	Y	118	658	0.38	250	16.5	15.0	247		250	☒ Pass ☐ Fail	330	330	☒ Pass ☐ Fail ☐ N/A	132	250	☒ Pass ☐ Fail ☐ N/A
1-34	970	194	0	Y	277	942	0.50	471	31.4	15.0	471		471	☒ Pass ☐ Fail	485	485	☒ Pass ☐ Fail ☐ N/A	194	471	☒ Pass ☐ Fail ☐ N/A
1-35	620	124	310	Y	110	615	0.38	234	15.4	15.0	231		234	☒ Pass ☐ Fail	310	310	☒ Pass ☐ Fail ☐ N/A	124	234	☒ Pass ☐ Fail ☐ N/A

pk:architecture
5 25 station drive - suite 110
laguna niguel, california 92677
v 949 496 1005 f 949 581 1005
info@pkarchitecture.net

KEVIN A. SMOLA AND ASSOC, INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect

△	remarks	date

sheet title

MECHANICAL
TITLE 24 FORMS

drawn by: RG
project no: 43098
date: 2/25/20
scale: AS SHOWN

MT24A

STATE OF CALIFORNIA

MECHANICAL VENTILATION AND REHEAT

CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-03-E

Mechanical Ventilation & Reheat (Page 1 of 2)

Project Name: TI for RIO School District Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASIS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01 ZONE/ SYSTEM/ VAV BOX TAG	02 DESIGN PRIMARY COOLING AIRFLOW (CFM)	03 DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	04 DESIGN PRIMARY HEATING AIRFLOW (CFM)	05 CNTRL TYPE DDC (Y/N)	06 TRANSFER AIRFLOW (CFM)	07 CONDITIONED AREA (ft²)	08 MIN CFM PER AREA	09 MIN CFM BY AREA	10 NUM. OF PEOPLE	11 CFM PER PERSON	12 MIN CFM BY OCCUPANT	13 MIN CFM BY ROOM	14 REQ'D VENT AIRFLOW (CFM)	15 COMPLIES?	16 PERCENTAGE BASED DESIGN PRIMARY COOLING AIR (CFM)	17 MAXIMUM REHEAT (CFM)	18 COMPLIES?	19 % BASED DESIGN PRMY COOLNG AIR (CFM)	20 MAX DEAD-BAND AIRFLOW (CFM)	21 COMPLIES?
1-36	1,300	260	650	Y		660	0.38	251	16.5	15.0	248		251	☒ Pass ☐ Fail	650	650	☒ Pass ☐ Fail ☐ N/A	260	260	☒ Pass ☐ Fail ☐ N/A
1-37	680	136	0	Y	124	684	0.38	260	17.1	15.0	257		260	☒ Pass ☐ Fail	340	340	☒ Pass ☐ Fail ☐ N/A	136	260	☒ Pass ☐ Fail ☐ N/A
1-38	900	180	0	Y	161	897	0.38	341	22.4	15.0	336		341	☒ Pass ☐ Fail	450	450	☒ Pass ☐ Fail ☐ N/A	180	341	☒ Pass ☐ Fail ☐ N/A
1-39	1,500	300	750	Y		682	0.38	259	17.1	15.0	256		259	☒ Pass ☐ Fail	750	750	☒ Pass ☐ Fail ☐ N/A	300	300	☒ Pass ☐ Fail ☐ N/A
1-40	740	148	370	Y	40	494	0.38	188	12.4	15.0	185		188	☒ Pass ☐ Fail	370	370	☒ Pass ☐ Fail ☐ N/A	148	188	☒ Pass ☐ Fail ☐ N/A
1-41	930	186	465	Y	126	820	0.38	312	20.5	15.0	308		312	☒ Pass ☐ Fail	465	465	☒ Pass ☐ Fail ☐ N/A	186	312	☒ Pass ☐ Fail ☐ N/A
1-42	750	150	375	Y	124	720	0.38	274	18.0	15.0	270		274	☒ Pass ☐ Fail	375	375	☒ Pass ☐ Fail ☐ N/A	150	274	☒ Pass ☐ Fail ☐ N/A

STATE OF CALIFORNIA

MECHANICAL VENTILATION AND REHEAT

CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-03-E

Mechanical Ventilation & Reheat (Page 1 of 2)

Project Name: TI for RIO School District Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASIS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01 ZONE/ SYSTEM/ VAV BOX TAG	02 DESIGN PRIMARY COOLING AIRFLOW (CFM)	03 DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	04 DESIGN PRIMARY HEATING AIRFLOW (CFM)	05 CNTRL TYPE DDC (Y/N)	06 TRANSFER AIRFLOW (CFM)	07 CONDITIONED AREA (ft²)	08 MIN CFM PER AREA	09 MIN CFM BY AREA	10 NUM. OF PEOPLE	11 CFM PER PERSON	12 MIN CFM BY OCCUPANT	13 MIN CFM BY ROOM	14 REQ'D VENT AIRFLOW (CFM)	15 COMPLIES?	16 PERCENTAGE BASED DESIGN PRIMARY COOLING AIR (CFM)	17 MAXIMUM REHEAT (CFM)	18 COMPLIES?	19 % BASED DESIGN PRMY COOLNG AIR (CFM)	20 MAX DEAD-BAND AIRFLOW (CFM)	21 COMPLIES?
1-43	1,170	234	0	Y		1,073	0.15	161	5.4	30.0	161		161	☒ Pass ☐ Fail	585	585	☒ Pass ☐ Fail ☐ N/A	234	234	☒ Pass ☐ Fail ☐ N/A
1-44	940	188	0	Y	118	2,040	0.15	306	10.2	30.0	306		306	☒ Pass ☐ Fail	470	470	☒ Pass ☐ Fail ☐ N/A	188	306	☒ Pass ☐ Fail ☐ N/A
1-45	1,340	268	670	Y		682	0.38	259	17.1	15.0	256		259	☒ Pass ☐ Fail	670	670	☒ Pass ☐ Fail ☐ N/A	268	268	☒ Pass ☐ Fail ☐ N/A
1-46	560	112	280	Y		426	0.15	64	2.1	30.0	64		64	☒ Pass ☐ Fail	280	280	☒ Pass ☐ Fail ☐ N/A	112	112	☒ Pass ☐ Fail ☐ N/A
1-47	1,380	276	690	Y	14	762	0.38	290	19.1	15.0	286		290	☒ Pass ☐ Fail	690	690	☒ Pass ☐ Fail ☐ N/A	276	290	☒ Pass ☐ Fail ☐ N/A
1-48	750	150	375	Y	155	803	0.38	305	20.1	15.0	301		305	☒ Pass ☐ Fail	375	375	☒ Pass ☐ Fail ☐ N/A	150	305	☒ Pass ☐ Fail ☐ N/A
1-49	1,110	222	555	Y	102	853	0.38	324	21.3	15.0	320		324	☒ Pass ☐ Fail	555	555	☒ Pass ☐ Fail ☐ N/A	222	324	☒ Pass ☐ Fail ☐ N/A

STATE OF CALIFORNIA

MECHANICAL VENTILATION AND REHEAT

CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-03-E

Mechanical Ventilation & Reheat (Page 1 of 2)

Project Name: TI for RIO School District Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASIS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01 ZONE/ SYSTEM/ VAV BOX TAG	02 DESIGN PRIMARY COOLING AIRFLOW (CFM)	03 DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	04 DESIGN PRIMARY HEATING AIRFLOW (CFM)	05 CNTRL TYPE DDC (Y/N)	06 TRANSFER AIRFLOW (CFM)	07 CONDITIONED AREA (ft²)	08 MIN CFM PER AREA	09 MIN CFM BY AREA	10 NUM. OF PEOPLE	11 CFM PER PERSON	12 MIN CFM BY OCCUPANT	13 MIN CFM BY ROOM	14 REQ'D VENT AIRFLOW (CFM)	15 COMPLIES?	16 PERCENTAGE BASED DESIGN PRIMARY COOLING AIR (CFM)	17 MAXIMUM REHEAT (CFM)	18 COMPLIES?	19 % BASED DESIGN PRMY COOLNG AIR (CFM)	20 MAX DEAD-BAND AIRFLOW (CFM)	21 COMPLIES?
1-50	300	60	0	Y		301	0.15	45	1.5	30.0	45		45	☒ Pass ☐ Fail	150	150	☒ Pass ☐ Fail ☐ N/A	60	60	☒ Pass ☐ Fail ☐ N/A
1-51	1,260	252	0	Y	219	1,239	0.38	471	31.0	15.0	465		471	☒ Pass ☐ Fail	630	630	☒ Pass ☐ Fail ☐ N/A	252	471	☒ Pass ☐ Fail ☐ N/A
1-52	790	158	395	Y		711	0.15	107	1.1	99.9	107		107	☒ Pass ☐ Fail	395	395	☒ Pass ☐ Fail ☐ N/A	158	158	☒ Pass ☐ Fail ☐ N/A
1-53	300	60	150	Y		138	0.15	21	0.7	30.0	21		21	☒ Pass ☐ Fail	150	150	☒ Pass ☐ Fail ☐ N/A	60	60	☒ Pass ☐ Fail ☐ N/A
1-54	440	88	220	Y		148	0.15	22	0.7	30.0	22		22	☒ Pass ☐ Fail	220	220	☒ Pass ☐ Fail ☐ N/A	88	88	☒ Pass ☐ Fail ☐ N/A
1-55	1,000	200	500	Y		500	0.15	75	2.5	30.0	75		75	☒ Pass ☐ Fail	500	500	☒ Pass ☐ Fail ☐ N/A	200	200	☒ Pass ☐ Fail ☐ N/A
1-56	1,000	200	500	Y		424	0.15	64	2.1	30.0	64		64	☒ Pass ☐ Fail	500	500	☒ Pass ☐ Fail ☐ N/A	200	200	☒ Pass ☐ Fail ☐ N/A

STATE OF CALIFORNIA

MECHANICAL VENTILATION AND REHEAT

CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-03-E

Mechanical Ventilation & Reheat (Page 1 of 2)

Project Name: TI for RIO School District Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASIS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01 ZONE/ SYSTEM/ VAV BOX TAG	02 DESIGN PRIMARY COOLING AIRFLOW (CFM)	03 DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	04 DESIGN PRIMARY HEATING AIRFLOW (CFM)	05 CNTRL TYPE DDC (Y/N)	06 TRANSFER AIRFLOW (CFM)	07 CONDITIONED AREA (ft²)	08 MIN CFM PER AREA	09 MIN CFM BY AREA	10 NUM. OF PEOPLE	11 CFM PER PERSON	12 MIN CFM BY OCCUPANT	13 MIN CFM BY ROOM	14 REQ'D VENT AIRFLOW (CFM)	15 COMPLIES?	16 PERCENTAGE BASED DESIGN PRIMARY COOLING AIR (CFM)	17 MAXIMUM REHEAT (CFM)	18 COMPLIES?	19 % BASED DESIGN PRMY COOLNG AIR (CFM)	20 MAX DEAD-BAND AIRFLOW (CFM)	21 COMPLIES?
2-1	400	80	200	Y		387	0.15	58	1.9	30.0	58		58	☒ Pass ☐ Fail	200	200	☒ Pass ☐ Fail ☐ N/A	80	80	☒ Pass ☐ Fail ☐ N/A
2-2	1,100	220	550	Y		375	0.50	188	12.5	15.0	188		188	☒ Pass ☐ Fail	550	550	☒ Pass ☐ Fail ☐ N/A	220	220	☒ Pass ☐ Fail ☐ N/A
2-3	960	192	480	Y		709	0.15	106	3.5	30.0	106		106	☒ Pass ☐ Fail	480	480	☒ Pass ☐ Fail ☐ N/A	192	192	☒ Pass ☐ Fail ☐ N/A
2-4	330	66	0	Y	40	705	0.15	106	3.5	30.0	106		106	☒ Pass ☐ Fail	165	165	☒ Pass ☐ Fail ☐ N/A	66	106	☒ Pass ☐ Fail ☐ N/A
2-5	200	40	100	Y		166	0.15	25	0.8	30.0	25		25	☒ Pass ☐ Fail	100	100	☒ Pass ☐ Fail ☐ N/A	40	40	☒ Pass ☐ Fail ☐ N/A
2-6	590	118	0	Y		769	0.15	115	3.8	30.0	115		115	☒ Pass ☐ Fail	295	295	☒ Pass ☐ Fail ☐ N/A	118	118	☒ Pass ☐ Fail ☐ N/A
2-7	690	138	0	Y		851	0.15	128	4.3	30.0	128		128	☒ Pass ☐ Fail	345	345	☒ Pass ☐ Fail ☐ N/A	138	138	☒ Pass ☐ Fail ☐ N/A

STATE OF CALIFORNIA

MECHANICAL VENTILATION AND REHEAT

CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-03-E

Mechanical Ventilation & Reheat (Page 1 of 2)

Project Name: TI for RIO School District Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASIS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01 ZONE/ SYSTEM/ VAV BOX TAG	02 DESIGN PRIMARY COOLING AIRFLOW (CFM)	03 DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	04 DESIGN PRIMARY HEATING AIRFLOW (CFM)	05 CNTRL TYPE DDC (Y/N)	06 TRANSFER AIRFLOW (CFM)	07 CONDITIONED AREA (ft²)	08 MIN CFM PER AREA	09 MIN CFM BY AREA	10 NUM. OF PEOPLE	11 CFM PER PERSON	12 MIN CFM BY OCCUPANT	13 MIN CFM BY ROOM	14 REQ'D VENT AIRFLOW (CFM)	15 COMPLIES?	16 PERCENTAGE BASED DESIGN PRIMARY COOLING AIR (CFM)	17 MAXIMUM REHEAT (CFM)	18 COMPLIES?	19 % BASED DESIGN PRMY COOLNG AIR (CFM)	20 MAX DEAD-BAND AIRFLOW (CFM)	21 COMPLIES?
2-8	250	50	0	Y	83	265	0.50	133	8.8	15.0	133		133	☒ Pass ☐ Fail	125	133	☒ Pass ☐ Fail ☐ N/A	50	133	☒ Pass ☐ Fail ☐ N/A
2-9	1,275	255	635	Y		215	0.15	32	1.1	30.0	32		32	☒ Pass ☐ Fail	638	638	☒ Pass ☐ Fail ☐ N/A	255	255	☒ Pass ☐ Fail ☐ N/A
2-10	1,050	210	525	Y		480	0.15	72	2.4	30.0	72		72	☒ Pass ☐ Fail	525	525	☒ Pass ☐ Fail ☐ N/A	210	210	☒ Pass ☐ Fail ☐ N/A
2-11	1,050	210	525	Y		465	0.15	70	2.3	30.0	70		70	☒ Pass ☐ Fail	525	525	☒ Pass ☐ Fail ☐ N/A	210	210	☒ Pass ☐ Fail ☐ N/A
2-12	240	48	0	Y	43	609	0.15	91	3.0	30.0	91		91	☒ Pass ☐ Fail	120	120	☒ Pass ☐ Fail ☐ N/A	48	91	☒ Pass ☐ Fail ☐ N/A
2-13	590	118	295	Y		434	0.15	65	2.2	30.0	65		65	☒ Pass ☐ Fail	295	295	☒ Pass ☐ Fail ☐ N/A	118	118	☒ Pass ☐ Fail ☐ N/A
2-14	240	48	120	Y		209	0.15	31	1.0	30.0	31		31	☒ Pass ☐ Fail	120	120	☒ Pass ☐ Fail ☐ N/A	48	48	☒ Pass ☐ Fail ☐ N/A

STATE OF CALIFORNIA

MECHANICAL VENTILATION AND REHEAT

CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-03-E

Mechanical Ventilation & Reheat (Page 1 of 2)

Project Name: TI for RIO School District Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASIS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01 ZONE/ SYSTEM/ VAV BOX TAG	02 DESIGN PRIMARY COOLING AIRFLOW (CFM)	03 DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	04 DESIGN PRIMARY HEATING AIRFLOW (CFM)	05 CNTRL TYPE DDC (Y/N)	06 TRANSFER AIRFLOW (CFM)	07 CONDITIONED AREA (ft²)	08 MIN CFM PER AREA	09 MIN CFM BY AREA	10 NUM. OF PEOPLE	11 CFM PER PERSON	12 MIN CFM BY OCCUPANT	13 MIN CFM BY ROOM	14 REQ'D VENT AIRFLOW (CFM)	15 COMPLIES?	16 PERCENTAGE BASED DESIGN PRIMARY COOLING AIR (CFM)	17 MAXIMUM REHEAT (CFM)	18 COMPLIES?	19 % BASED DESIGN PRMY COOLNG AIR (CFM)	20 MAX DEAD-BAND AIRFLOW (CFM)	21 COMPLIES?
2-15	890	178	0	Y	79	1,714	0.15	257	8.6	30.0	257		257	☒ Pass ☐ Fail	445	445	☒ Pass ☐ Fail ☐ N/A	178	257	☒ Pass ☐ Fail ☐ N/A
2-16	780	156	390	Y		625	0.15	94	3.1	30.0	94		94	☒ Pass ☐ Fail	390	390	☒ Pass ☐ Fail ☐ N/A	156	156	☒ Pass ☐ Fail ☐ N/A
2-17	280	56	0	Y	62	785	0.15	118	3.9	30.0	118		118	☒ Pass ☐ Fail	140	140	☒ Pass ☐ Fail ☐ N/A	56	118	☒ Pass ☐ Fail ☐ N/A
2-18	900	180	450	Y		828	0.15	124	4.1	30.0	124		124	☒ Pass ☐ Fail	450	450	☒ Pass ☐ Fail ☐ N/A	180	180	☒ Pass ☐ Fail ☐ N/A
2-19	400	80	0	Y	74	405	0.38	154	10.1	15.0	152		154	☒ Pass ☐ Fail	200	200	☒ Pass ☐ Fail ☐ N/A	80	154	☒ Pass ☐ Fail ☐ N/A
2-20	330	66	0	Y	417	965	0.50	483	32.2	15.0	483		483	☒ Pass ☐ Fail	165	483	☒ Pass ☐ Fail ☐ N/A	66	483	☒ Pass ☐ Fail ☐ N/A
2-21	240	48	120	Y		209	0.15	31	1.0	30.0	31		31	☒ Pass ☐ Fail	120	120	☒ Pass ☐ Fail ☐ N/A	48	48	☒ Pass ☐ Fail ☐ N/A

STATE OF CALIFORNIA

MECHANICAL VENTILATION AND REHEAT

CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-03-E

Mechanical Ventilation & Reheat (Page 1 of 2)

Project Name: TI for RIO School District Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASIS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01 ZONE/ SYSTEM/ VAV BOX TAG	02 DESIGN PRIMARY COOLING AIRFLOW (CFM)	03 DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	04 DESIGN PRIMARY HEATING AIRFLOW (CFM)	05 CNTRL TYPE DDC (Y/N)	06 TRANSFER AIRFLOW (CFM)	07 CONDITIONED AREA (ft²)	08 MIN CFM PER AREA	09 MIN CFM BY AREA	10 NUM. OF PEOPLE	11 CFM PER PERSON	12 MIN CFM BY OCCUPANT	13 MIN CFM BY ROOM	14 REQ'D VENT AIRFLOW (CFM)	15 COMPLIES?	16 PERCENTAGE BASED DESIGN PRIMARY COOLING AIR (CFM)	17 MAXIMUM REHEAT (CFM)	18 COMPLIES?	19 % BASED DESIGN PRMY COOLNG AIR (CFM)	20 MAX DEAD-BAND AIRFLOW (CFM)	21 COMPLIES?
2-22	350	70	175	Y	58	255	0.50	128	8.5	15.0	128		128	☒ Pass ☐ Fail	175	175	☒ Pass ☐ Fail ☐ N/A	70	128	☒ Pass ☐ Fail ☐ N/A
2-23	470	94	235	Y		211	0.15	32	1.1	30.0	32		32	☒ Pass ☐ Fail	235	235	☒ Pass ☐ Fail ☐ N/A	94	94	☒ Pass ☐ Fail ☐ N/A
2-24	750	150	375	Y		533	0.15	80	2.7	30.0	80		80	☒ Pass ☐ Fail	375	375	☒ Pass ☐ Fail ☐ N/A	150	150	☒ Pass ☐ Fail ☐ N/A
2-25	1,225	245	610	Y		547	0.15	82	2.7	30.0	82		82	☒ Pass ☐ Fail	613	613	☒ Pass ☐ Fail ☐ N/A	245	245	☒ Pass ☐ Fail ☐ N/A
2-26	680	136	340	Y		905	0.15	136	4.5	30.0	136		136	☒ Pass ☐ Fail	340	340	☒ Pass ☐ Fail ☐ N/A	136	136	☒ Pass ☐ Fail ☐ N/A
2-27	1,100	220	550	Y		416	0.38	158	10.4	15.0	156		158	☒ Pass ☐ Fail	550	550	☒ Pass ☐ Fail ☐ N/A	220	220	☒ Pass ☐ Fail ☐ N/A
2-28	430	86	0	Y	120	543	0.38	206	9.7	16.5	160		206	☒ Pass ☐ Fail	215	215	☒ Pass ☐ Fail ☐ N/A	86	206	☒ Pass ☐ Fail ☐ N/A

STATE OF CALIFORNIA

MECHANICAL VENTILATION AND REHEAT

CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-03-E

Mechanical Ventilation & Reheat (Page 1 of 2)

Project Name: TI for RIO School District Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASIS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01 ZONE/ SYSTEM/ VAV BOX TAG	02 DESIGN PRIMARY COOLING AIRFLOW (CFM)	03 DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	04 DESIGN PRIMARY HEATING AIRFLOW (CFM)	05 CNTRL TYPE DDC (Y/N)	06 TRANSFER AIRFLOW (CFM)	07 CONDITIONED AREA (ft²)	08 MIN CFM PER AREA	09 MIN CFM BY AREA	10 NUM. OF PEOPLE	11 CFM PER PERSON	12 MIN CFM BY OCCUPANT	13 MIN CFM BY ROOM	14 REQ'D VENT AIRFLOW (CFM)	15 COMPLIES?	16 PERCENTAGE BASED DESIGN PRIMARY COOLING AIR (CFM)	17 MAXIMUM REHEAT (CFM)	18 COMPLIES?	19 % BASED DESIGN PRMY COOLNG AIR (CFM)	20 MAX DEAD-BAND AIRFLOW (CFM)	21 COMPLIES?
2-29	780	156	0	Y		864	0.15	130	4.3	30.0	130		130	☒ Pass ☐ Fail	390	390	☒ Pass ☐ Fail ☐ N/A	156	156	☒ Pass ☐ Fail ☐ N/A
2-30	600	120	300	Y		525	0.15	79	2.6	30.0	79		79	☒ Pass ☐ Fail	300	300	☒ Pass ☐ Fail ☐ N/A	120	120	☒ Pass ☐ Fail ☐ N/A
2-31	500	100	250	Y		162	0.15	24	0.8	30.0	24		24	☒ Pass ☐ Fail	250	250	☒ Pass ☐ Fail ☐ N/A	100	100	☒ Pass ☐ Fail ☐ N/A
2-32	930	186	465	Y		366	0.15	55	1.8	30.0	55		55	☒ Pass ☐ Fail	465	465	☒ Pass ☐ Fail ☐ N/A	186	186	☒ Pass ☐ Fail ☐ N/A
2-33	800	160	0	Y	193	2,354	0.15	353	11.8	30.0	353		353	☒ Pass ☐ Fail	400	400	☒ Pass ☐ Fail ☐ N/A	160	353	☒ Pass ☐ Fail ☐ N/A
2-34	685	137	0	Y	165	2,014	0.15	302	10.1	30.0	302		302	☒ Pass ☐ Fail	343	343	☒ Pass ☐ Fail ☐ N/A	137	302	☒ Pass ☐ Fail ☐ N/A
2-35	650	130	325	Y		540	0.15	81	2.7	30.0	81		81	☒ Pass ☐ Fail	325	325	☒ Pass ☐ Fail ☐ N/A	130	130	☒ Pass ☐ Fail ☐ N/A

STATE OF CALIFORNIA

MECHANICAL VENTILATION AND REHEAT

CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-03-E

Mechanical Ventilation & Reheat (Page 1 of 2)

Project Name: TI for RIO School District Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASIS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01 ZONE/ SYSTEM/ VAV BOX TAG	02 DESIGN PRIMARY COOLING AIRFLOW (CFM)	03 DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	04 DESIGN PRIMARY HEATING AIRFLOW (CFM)	05 CNTRL TYPE DDC (Y/N)	06 TRANSFER AIRFLOW (CFM)	07 CONDITIONED AREA (ft²)	08 MIN CFM PER AREA	09 MIN CFM BY AREA	10 NUM. OF PEOPLE	11 CFM PER PERSON	12 MIN CFM BY OCCUPANT	13 MIN CFM BY ROOM	14 REQ'D VENT AIRFLOW (CFM)	15 COMPLIES?	16 PERCENTAGE BASED DESIGN PRIMARY COOLING AIR (CFM)	17 MAXIMUM REHEAT (CFM)	18 COMPLIES?	19 % BASED DESIGN PRMY COOLNG AIR (CFM)	20 MAX DEAD-BAND AIRFLOW (CFM)	21 COMPLIES?
2-36	750	150	375	Y		301	0.15	45	1.5	30.0	45		45	☒ Pass ☐ Fail	375	375	☒ Pass ☐ Fail ☐ N/A	150	150	☒ Pass ☐ Fail ☐ N/A
2-37	420	84	0	Y	122	1,374	0.15	206	6.9	30.0	206		206	☒ Pass ☐ Fail	210	210	☒ Pass ☐ Fail ☐ N/A	84	206	☒ Pass ☐ Fail ☐ N/A
2-38	1,350	270	675	Y		652	0.15	98	16.3	15.0	245		245	☒ Pass ☐ Fail	675	675	☒ Pass ☐ Fail ☐ N/A	270	270	☒ Pass ☐ Fail ☐ N/A
2-39	1,350	270	675	Y									0	☒ Pass ☐ Fail	675	675	☒ Pass ☐ Fail ☐ N/A	270	270	☒ Pass ☐ Fail ☐ N/A
2-40	650	130	0	Y	105	618	0.38	235	15.5	15.0	232		235	☒ Pass ☐ Fail	325	325	☒ Pass ☐ Fail ☐ N/A	130	235	☒ Pass ☐ Fail ☐ N/A
2-41	260	52	0	Y	94	292	0.50	146	9.7	15.0	146		146	☒ Pass ☐ Fail	130	146	☒ Pass ☐ Fail ☐ N/A	52	146	☒ Pass ☐ Fail ☐ N/A
2-42	2,125	425	1,060	Y		876	0.15	131	4.4	30.0	131		131	☒ Pass ☐ Fail	1,063	1,063	☒ Pass ☐ Fail ☐ N/A	425	425	☒ Pass ☐ Fail ☐ N/A

pk:a pk:architecture

5126 clareton drive : suite 110
agoura hills : california 91301
v: 818.584.0057 f: 818.584.0019
w: pkarchitecture.net

KEVIN A. SMOLA AND ASSOC., INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date

sheet title

MECHANICAL
TITLE 24 FORMS

drawn by AG

project no 43098

date 2/25/20

scale AS SHOWN

MT24B

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
CEC-NRCC-MCH-03-E (Revised 05/16) — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-03-E
Mechanical Ventilation & Reheat	(Page 1 of 2)
Project Name: TI for RIO School District	Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
ZONE / SYSTEM / VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	CNTRL TYPE (VDC, CYC)	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (ft²)	MIN CFM PER AREA	MIN CFM BY AREA	NUM. OF PEOPLE	CFM PER PERSON	MIN CFM BY OCCUPANT	MIN CFM BY ROOM	REQ'D VENT AIRFLOW (CFM)	COMPLIES?	PERCENTAGE BASED DESIGN PRIMARY COOLING AIR	MAXIMUM REHEAT (CFM)	COMPLIES?	% BASED DESIGN PRIMARY COOLING AIR (CFM)	MAX DEAD BAND AIRFLOW (CFM)	COMPLIES?
2-43	735	147	0	Y	46	1,284	0.15	193	6.4	30.0	193		193	☒ Pass ☐ Fail	368	368	☒ Pass ☐ Fail ☐ N/A	147	193	☒ Pass ☐ Fail ☐ N/A
2-44	970	194	485	Y		386	0.15	58	1.9	30.0	58		58	☒ Pass ☐ Fail	485	485	☒ Pass ☐ Fail ☐ N/A	194	194	☒ Pass ☐ Fail ☐ N/A
2-45	350	70	175	Y		254	0.15	38	1.3	30.0	38		38	☒ Pass ☐ Fail	175	175	☒ Pass ☐ Fail ☐ N/A	70	70	☒ Pass ☐ Fail ☐ N/A
2-46	180	36	0	Y	65	201	0.50	101	6.7	15.0	101		101	☒ Pass ☐ Fail	90	101	☒ Pass ☐ Fail ☐ N/A	36	101	☒ Pass ☐ Fail ☐ N/A
2-47	300	60	150	Y	75	898	0.15	135	4.5	30.0	135		135	☒ Pass ☐ Fail	150	150	☒ Pass ☐ Fail ☐ N/A	60	135	☒ Pass ☐ Fail ☐ N/A
2-48	275	55	0	Y	74	858	0.15	129	4.3	30.0	129		129	☒ Pass ☐ Fail	138	138	☒ Pass ☐ Fail ☐ N/A	55	129	☒ Pass ☐ Fail ☐ N/A
2-49	1,485	297	740	Y		1,779	0.15	267	8.9	30.0	267		267	☒ Pass ☐ Fail	743	743	☒ Pass ☐ Fail ☐ N/A	297	297	☒ Pass ☐ Fail ☐ N/A

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
CEC-NRCC-MCH-03-E (Revised 05/16) — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-03-E
Mechanical Ventilation & Reheat	(Page 2 of 2)
Project Name: TI for RIO School District	Date Prepared: 2/24/2020

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name:	Eric Santellan	Documentation Author Signature:	
Company:	Kevin A. Smola and Associates	Signature Date:	2/24/2020
Address:	16025 Arrow Highway, Ste. C	CEA/ HERS Certification Identification (if applicable):	
City/State/Zip:	Irwindale, CA 91706	Phone:	626-585-9338

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name:	Kevin A. Smola	Responsible Designer Signature:	
Company :	Kevin A. Smola and Associates	Date Signed:	
Address:	16025 Arrow Hwy Ste C	License:	M21106
City/State/Zip:	Irwindale, CA 91706	Phone:	626-585-9338

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
CEC-NRCC-MCH-03-E (Revised 05/16) — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-03-E
Mechanical Ventilation & Reheat	(Page 1 of 2)
Project Name: TI for RIO School District	Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01	02	08	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
ZONE / SYSTEM / VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	CNTRL TYPE (VDC, CYC)	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (ft²)	MIN CFM PER AREA	MIN CFM BY AREA	NUM. OF PEOPLE	CFM PER PERSON	MIN CFM BY OCCUPANT	MIN CFM BY ROOM	REQ'D VENT AIRFLOW (CFM)	COMPLIES?	PERCENTAGE BASED DESIGN PRIMARY COOLING AIR	MAXIMUM REHEAT (CFM)	COMPLIES?	% BASED DESIGN PRIMARY COOLING AIR (CFM)	MAX DEAD BAND AIRFLOW (CFM)	COMPLIES?
2-50	400	80	200	Y	170	1,667	0.15	250	8.3	30.0	250		250	☒ Pass ☐ Fail	200	250	☒ Pass ☐ Fail ☐ N/A	80	250	☒ Pass ☐ Fail ☐ N/A
2-51	620	124	0	Y		207	0.15	31	1.0	30.0	31		31	☒ Pass ☐ Fail	310	310	☒ Pass ☐ Fail ☐ N/A	124	124	☒ Pass ☐ Fail ☐ N/A
2-52	160	32	0	Y	101	266	0.15	40	8.9	15.0	133		133	☒ Pass ☐ Fail	80	133	☒ Pass ☐ Fail ☐ N/A	32	133	☒ Pass ☐ Fail ☐ N/A
2-53	215	43	0	Y	158	401	0.15	60	13.4	15.0	201		201	☒ Pass ☐ Fail	108	201	☒ Pass ☐ Fail ☐ N/A	43	201	☒ Pass ☐ Fail ☐ N/A
2-54	525	105	260	Y	103	663	0.15	99	12.9	16.1	208		208	☒ Pass ☐ Fail	263	263	☒ Pass ☐ Fail ☐ N/A	105	208	☒ Pass ☐ Fail ☐ N/A
2-55	400	80	200	Y		179	0.15	27	0.9	30.0	27		27	☒ Pass ☐ Fail	200	200	☒ Pass ☐ Fail ☐ N/A	80	80	☒ Pass ☐ Fail ☐ N/A
											Total		17,911	☐ Pass ☐ Fail			☐ Pass ☐ Fail ☐ N/A			☐ Pass ☐ Fail ☐ N/A

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
CEC-NRCC-MCH-03-E (Revised 05/16) — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-03-E
Mechanical Ventilation & Reheat	(Page 1 of 2)
Project Name: TI for RIO School District	Date Prepared: 2/24/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
ZONE / SYSTEM / VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	CNTRL TYPE (VDC, CYC)	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (ft²)	MIN CFM PER AREA	MIN CFM BY AREA	NUM. OF PEOPLE	CFM PER PERSON	MIN CFM BY OCCUPANT	MIN CFM BY ROOM	REQ'D VENT AIRFLOW (CFM)	COMPLIES?	PERCENTAGE BASED DESIGN PRIMARY COOLING AIR	MAXIMUM REHEAT (CFM)	COMPLIES?	% BASED DESIGN PRIMARY COOLING AIR (CFM)	MAX DEAD BAND AIRFLOW (CFM)	COMPLIES?
EXISTING ELEC						82	0.15	12	0.1	99.9	12		12	☒ Pass ☐ Fail			☐ Pass ☐ Fail ☒ N/A			☐ Pass ☐ Fail ☒ N/A
											Total		12	☐ Pass ☐ Fail			☐ Pass ☐ Fail ☐ N/A			☐ Pass ☐ Fail ☐ N/A
														☐ Pass ☐ Fail			☐ Pass ☐ Fail ☐ N/A			☐ Pass ☐ Fail ☐ N/A
														☐ Pass ☐ Fail			☐ Pass ☐ Fail ☐ N/A			☐ Pass ☐ Fail ☐ N/A
														☐ Pass ☐ Fail			☐ Pass ☐ Fail ☐ N/A			☐ Pass ☐ Fail ☐ N/A
														☐ Pass ☐ Fail			☐ Pass ☐ Fail ☐ N/A			☐ Pass ☐ Fail ☐ N/A

pk:a
pk:architecture
5185 Campton drive - suite 110
slyvia valley, california 91301
v 818.594.9057 f 818.594.9059
w: planetarchitecture.net

KEVIN A. SMOLA AND ASSOC, INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date

sheet title

MECHANICAL
TITLE 24 FORMS

drawn by: RC
project no: 43098
date: 2/25/20
scale: AS SHOWN

MT24C

SYMBOL/ABBREV./DEFINITION

SYMBOL	ABBREV	DEFINITION
1 / M-1		DETAIL TOP – I.D. NUMBER REFERENCE BOTTOM – SHT NUMBER
	SA	SUPPLY AIR DUCT
	RA	RETURN AIR DUCT
	EA	EXHAUST AIR DUCT
	FC	FLEXIBLE CONNECTION
		INCLINED DUCT RISE
		INCLINED DUCT DROP
		ACOUSTICAL DUCT LINING
		SUPPLY AIR DIFFUSER
		RETURN AIR GRILLE
		45 DEGREE DUCT TAP IN WITH CONICAL FITTING
		DOOR LOUVER
S	S	SENSOR
T	T–STAT	THERMOSTAT
(E)T	T–STAT	EXISTING THERMOSTAT
TR	T–STAT	RELOCATED THERMOSTAT
TC	TC	TIME CLOCK
SD	SD	DUCT SMOKE DETECTOR
		EQUIPMENT SHOWN HATCH IS TO BE REMOVED
T		INDICATES CONTROL WIRING
		SUPPLY DUCT THRU ROOF
		RETURN DUCT THRU ROOF
		EXHAUST AIR DUCT THRU ROOF
		SIDEWALL DISCHARGE GRILLE
UC		DOOR UNDERCUT
SF	SF	SMOKE FIRE DAMPER
M	M	MOTORIZED DAMPER
		FLEX CONNECTION
	POC	POINT OF CONNECTION
	GLV	GLOBE VALVE
	BAL. VAL	BALANCING VALVE
	CV	CHECK VALVE
	STR	STRAINER
	BLV	BALL VALVE, BUTTERFLY VALVE
	U	UNION
	GAC	GAGE COCK
		CAPPED OR PLUGGED OUTLET
	PRV	PRESSURE REDUCING VALVE
	AV	ANGLE VALVE
		PIPE DOWN
		PIPE UP
	AN	PIPE ANCHOR
	GU	PIPE GUIDE
	FC	FLEXIBLE CONNECTION
CHS	CHS	CHILLED WATER SUPPLY
CHR	CHR	CHILLED WATER RETURN
CS	CS	CONDENSER WATER SUPPLY
CR	CR	CONDENSER WATER RETURN
HWS	HWS	HEATING HOT WATER SUPPLY
HWR	HWR	HEATING HOT WATER RETURN
CD	CD	CONDENSATE DRAIN
VT	VT	EQUIPMENT AND VALVE VENT
A	A	AUTOMATIC SPRINKLERS
IA	IA	INSTRUMENT AIR

ABBREVIATION/DEFINITION

ABBREV.	DEFINITION
ABV	ABOVE
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
ARCH	ARCHITECT
BEL	BELOW
BLDG	BUILDING
C	COLD AIR
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CI	CAST IRON
CLG	CEILING
CL	CENTER LINE
COMP	COMPRESSOR
CONC	CONCRETE
CONT	CONTINUATION
DET	DETAIL
DIA	DIAMETER
DN	DOWN
DR	DRAIN
DRWG	DRAWING
EL	ELEVATION
ENCL	ENCLOSURE
EMS	ENERGY MANAGEMENT SYSTEM
EXH	EXHAUST
EXIST	EXISTING
FA	FRESH AIR
FD	FIRE DAMPER
FG	FLOOR GRILLE
FIN	FINISH
FLR	FLOOR
FPF	FINS PER FOOT
FS	FLOOR SINK
GALV	GALVANIZED
GPM	GALLONS PER MINUTE
GR	GRADE
H	HOT AIR
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER
MD	MOTORIZED DAMPER
MIN	MINIMUM
MECH	MECHANICAL
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
OPNG	OPENING
PLBG	PLUMBING
POC	POINT OF CONNECTION
R	RELOCATE
SCR	SCREEN
SD	SMOKE DETECTOR
SF	SMOKE/FIRE DAMPER
SM	SHEET METAL
TEMP	TEMPERATURE
TYP	TYPICAL
UTR	UP THROUGH ROOF
VTR	VENT THROUGH ROOF
VD	VOLUME DAMPER

GENEARL NOTES

1. CONTRACTOR SHALL EXAMINE ALL OTHER SPECIFICATIONS, DRAWINGS AND ALL FEATURES OF BUILDING CONSTRUCTION WHICH MAY AFFECT HIS WORK AND SHALL BE GOVERNED BY THESE AND OTHER SPECIFICATIONS, INCLUDING THE GENERAL CONDITIONS AND PARTICULAR INSTRUCTIONS TO ALL BIDDERS AND SUPPLIERS.
2. ALL WORK SHALL BE EXECUTED AND INSPECTED IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND/OR STATE CODES, LAWS, ORDINANCES, RULES AND REGULATIONS APPLICABLE TO THIS PARTICULAR CLASS OF WORK, AND EACH CONTRACTOR SHALL INCLUDE IN HIS PRICE ALL APPLICABLE SERVICE CHARGES, FEES, PERMITS, TAXES, AND OTHER SIMILAR COSTS IN CONNECTION THEREWITH.
3. PRIOR TO FABRICATION OF DUCTWORK, CONTRACTOR SHALL EXAMINE AND VERIFY ALL CONDITIONS ABOVE AND BELOW THE CEILING WHICH MAY INTERFERE WITH THE DUCT SYSTEM AND NOTIFY THE ARCHITECT OF ANY CONFLICT ENCOUNTERED. CONTRACTOR SHALL PROVIDE ALL OFFSETS, ETC. WHICH MAY BE REQUIRED, WITHOUT ADDITIONAL COST TO THE OWNER.
4. ALL SHEET METAL DUCT CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH "SMACNA" LOW OR MED PRESSURE DUCT CONSTRUCTION STANDARD.
5. ALL DUCTS SHALL BE SUPPORTED WITH 1"WIDE, 16 GAUGE, GALVANIZED STEEL BANDS.
6. ALL DUCT DIMENSIONS SHOWN ON PLANS ARE INTERNAL
7. CONTRACTOR SHALL COORDINATE THE LOCATION OF SUPPLY AND RETURN AIR REGISTERS, DUCTS, GRILLES AND DIFFUSERS WITH LIGHTING AND CEILING PATTERNS.
8. PROVIDE LATERAL BRACING OF ALL DUCTS AND PIPES AS REQUIRED BY CODE.
9. INSULATE AND SEAL ALL DUCTWORK PER CHAPTER 10 OF THE STATE MECHANICAL CODE (T–24, PART 4).
10. MOUNT ALL THERMOSTATS AT 48" ABOVE FINISHED FLOOR.
11. ALL BRACING OF DUCTS AND PIPING SHALL BE INSTALLED IN ACCORDANCE WITH SMACNA GUIDELINES AS APPROVED BY THE ARCHITECT.
12. WHERE BRACING DETAILS ARE NOT SHOWN ON THE DRAWINGS OR IN THE GUIDELINES, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE MECHANICAL ENGINEER.
13. A COPY OF THE GUIDELINES PUBLISHED BY "SMACNA" AND APPROVED BY ARCHITECT SHALL BE PROVIDED BY THE CONTRACTOR AND KEPT ON THE JOB AT ALL TIMES.
14. ALL PLUMBING VENTS, EXHAUST EQUIPMENT SHALL BE A MIN. OF 10 FT. FROM ANY AIR INTAKE VENT.
15. ALL MECHANICAL EQUIPMENT SHALL BE SECURELY FASTENED IN PLACE.
16. ALL DUCT DETECTORS SHALL BE MAGNEHELIC TESTED TO THE MANUFACTURERS SPECIFICATION IN THE PRESENCE OF THE CITY OF SANTA CLARITA BUILDING INSPECTOR PRIOR TO THE FINAL APPROVAL.
17. PROVIDE AIR BALANCE REPORT BY A THIRD PARTY AABC OR NEBB AIR BALANCE CONTRACTOR. INCLUDE THE COST OF MULTIPLE BALANCES IN ORDER TO ACHIEVE THE AIRLFLOWS INDICATED.
18. PROVIDE MANUAL BALANCING DAMPERS IN ALL DUCT BRANCHES.

SCOPE OF WORK

TENANT IMPROVEMENT IN AN EXISTING BUILDING. DEMOLISH ALL EXISTING AIR DISTRIBUTION DOWNSTREAM OF EXISTING VAV BOXES. DEMOLISH ALL (E)PNEUMATIC CONTROLS AND T–STATS. RELOCATE (E)VAV BOXES AND INSTALL NEW VAV BOXES AS SHOWN. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER REQUIREMENTS OF ALL VAV BOXES INCLUDING LOW VOLTAGE TRANSFORMERS. CONTROLS DESIGN AND REPLACEMENT ARE NOT PART OF THIS PROJECT. ALTHOUGH DDC CONTROLS ARE NOT A PART OF THIS PROJECT THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE CONTROLS CONTRACTOR PERFORMING THE WORK. REQUEST THE PLANS PERTAINING TO THE CONTROLS REPLACEMENT FROM THE OWNER PRIOR TO BEGINNING WORK.

PERFORM AN INITIAL AIR TEST OF ALL AIR DISTRIBUTION SERVING THE THIRD FLOOR WHETHER SHOWN ON THE MECHANICAL PLANS OR NOT. ALL AIR AND WATER TESTING AND BALANCING SHALL BE PERFORMED BY AN NEBB OR AABC AIR BALANCE CONTRACTOR PRIOR TO PERFORMING ANY DEMOLITION AND SUBMIT REPORT TO ARCHITECT FOR RECORD. UPON COMPLETION OF THE NEW WORK, PERFORM A FINAL AIR AND WATER TEST AND BALANCE AND SUBMIT FOR REVIEW. REFERENCE THE AIR BALANCE REQUIREMENT NOTE BOX ON THIS SHEET.

EQUIPMENT NOTE

ALL EXISTING EQUIPMENT IS MARKED "(E)" ON THESE PLANS. ANY EQUIPMENT NOT MARKED WITH "(E)" SHALL BE CONSIDERED NEW.

GREEN BUILDING CODE

1. ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, OR SHEETMETAL UNTIL THE FINAL STARTUP OF THE HEATING AND COOLING EQUIPMENT. (504.3)
2. ADHESIVES, CAULKS, AND SEALANTS SHALL COMPLY WITH VOLITILE ORGANIC COMPOUND (VOC) LIMITS LISTED IN TABLES 504.4.1–504.4.3 (504.4)
3. IN MECHANICALLY VENTILATED BUILDINGS, PROVIDE REGULARLY OCCUPIED AREAS OF THE BUILDING WITH CLEARLY LABELED AIR FILTRATION MEDIA FOR OUTSIDE AND RETURN AIR PRIOR TO OCCUPANCY THAT PROVIDES AT LEAST A MINIMUM EFFICIENCY REPORTING VALUE (MERV) OF 8. (5.504.5.3)
4. FOR TESTING, BALANCING, AND REPORTING, REFER TO AIR BALANCE REQUIREMENTS NOTE BOX THIS SHEET.
5. ALL INSTALLED HVAC, REFRIGERATION, AND FIRE SUPPRESSION EQUIPMENT SHALL NOT CONTAIN CHLOROFLUOROCARBONS (CFCs).
6. ALL INSTALLED HVAC, REFRIGERATION, AND FIRE SUPPRESSION EQUIPMENT SHALL NOT CONTAIN HALONS.
7. PROVIDE TEMPORARY VENTILATION DURING CONSTRUCTION IN ACCORDANCE WITH SECTION 120.1 OF THE CALIFORNIA ENERGY CODE CCR TITLE 24 PART 6 AND CHAPTER 4 OF CCR TITLE 8, AND AS FOLLOWS:
   A.) VENTILATION DURING CONSTRUCTION SHALL BE ACHIEVED THROUGH OPENINGS IN THE BUILDING SHELL USING FANS TO PRODUCE A MINIMUM OF THREE AIR CHANGES PER HOUR.
   B.) IF THE BUILDING IS OCCUPIED DURING DEMOLITION OR CONSTRUCTION, MEET OR EXCEED THE RECOMMENDED CONTROL MEASURES OF THE SHEET METAL AND AIR CONDITIONING NATIONAL CONTRACTORS ASSOCIATION (SMACNA) IAQ GUIDELINES FOR OCCUPIED BUILDINGS UNDER CONSTRUCTION, 1995, CHAPTER 3.
8. PROVIDE THE BUILDING OWNER WITH DETAILED OPERATING AND MAINTENANCE INSTRUCTIONS AND COPIES OF GUARANTIES/WARRANTIES FOR EACH SYSTEM PRIOR TO FINAL INSPECTION.INCLUDE A COPY OF ALL INSPECTION VERIFICATIONS AND REPORTS REQUIRED BY THE ENFORCING AGENCY.

EXHAUST FAN SCHEDULE

SYMBOL	LOCATION	MANUFACTURER MODEL	TYPE	CFM	E.S.P.	FRPM	SOUND LEVEL (SONE)	DRIVE	HP	VOLT	PHASE	HZ	OPER. WEIGHT (LBS)	REMARKS
EF 1	ROOF	GREENHECK GB–091–4	CENTRIFUGAL	420	0.3"	1,002	5.6	BELT	1/4	115	1	60	60	UL LISTED, FACTORY ROOF CURB WITH HINGED BASE, GALV. BIRDSCREEN, HOOD HASPS, BACKDRAFT DAMPER, NAMEPLATE, 5 YEAR WARRANTY. SEE 11/M–3.0 FOR WIRING DIAGRAM.

FAN COIL SCHEDULE

SYMBOL	MATCHING UNIT	FC MODEL	ROOM	SERVICE	CFM	S.P.	CLG. CAP. BTUH	HTG. CAP BTUH	FAN HP	FAN FLA	UNIT FLA	MCA	MFS	VOLT	PH	FILTERS	WEIGHT	REMARKS
FC 1	CU 1	FUJITSU ASU24RLX	EXISTING SOUTH ELETC. RM.	TEL./COMM.	800	–	24,000	24,000	–	–	0.57	0.3	30	208/230	1	–	35	WALL PROGRAMMABLE THERMOSTAT. SEE 11/M3.0 FOR WIRING DIAGRAM.

CONDENSING UNIT SCHEDULE

SYMBOL	MODEL	COOLING CAPACITY	COMPR. RLA	FAN FLA	SEER	VOLT	PHASE	MCA	MOCP	HSFP	OPER. WEIGHT	REMARKS
CU 1	FUJITSU AOU24RLX	24,000	11.5	1.3	18	208/230	1	15.5	30	10.0	135	REFRIGERANT: R–410. LOCATED ON 2ND FLOOR BALCONY. ANTI–SHORT CYCLE KIT. LOCK OUT HEATING MODE DURING STARTUP. SEE 3/M3.1 FOR MOUNTING DETAIL.

AIR TERMINAL UNITS SCHEDULE

MARK NO.	TYPE & MODEL	CFM CAP MAX.	CFM CAP MIN.	MAX. Ps	MAX. NC AT 2" INLET S.P. DISCH.	MAX. NC AT 2" INLET S.P. RADIATED	INLET DUCT SIZE COLD	INLET DUCT SIZE HOT	REMARKS
A–1	SINGLE DUCT VARIABLE VOLUME ENVIRO–TEC SDR	150		0.25	30	30	4"		5'–0" LINED DUCT
A–2		300					5"		
A–3		400					6"		
A–4		800					8"		
A–5		1300					10"		
A–6		1800					12"		10'–0" LINED DUCT
A–7		2300					14"		
A–8		3100					16"		

NOTES: 1.) MEDIUM PRESSURE DUCT CONNECTION SIZE FROM HIGH PRESSURE MAIN DUCT TO AIR TERMINAL UNIT UNLESS OTHERWISE NOTED ON DWGS. PROVIDE TRANSITION IF REQUIRED TO SUIT UNIT INLET SIZE.

FAN-POWERED – VAV AIR TERMINAL UNITS

SYMBOL:	B 1	B 2	B 3	B 4	B 5	B 6	B 7	B 8	B 9	B 10	B 11
P.A. CFM RANGE:	53–435	105–840	105–840	105–840	165–1355	165–1355	165–1355	240–1975	240–1975	240–1975	335–2750
P.A. INLET SIZE:	6"	8"	8"	8"	10"	10"	10"	12"	12"	12"	14"
TERMINAL UNIT SIZE:	0606	0806	0806	0811	1006	1006	1011	1211	1211	1218	1418
DOWNSTREAM S.P.	.25	.25	.25	.25	.25	.25	.25	.35	.35	.4	.4
MOTOR SIZE:	1/10	1/10	1/6	1/4	1/10	1/6	1/4	1/6	1/4	1/2	1/2
FAN CFM RANGE:	200–455	250–465	250–525	450–970	300–485	300–500	500–1100	500–890	500–1140	800–1700	800–1800
MAX HTG. CAPACITY	24.7	24.7	33.3	50.6	27.4	27.4	66.2	48.0	66.2	84.5	94.3
GPM	1.0	1.0	2.0	5.0	1.0	1.0	5.0	2.0	5.0	5.0	5.0
POWER SUPPLY:	–	–	–	–	–	–	–	–	–	–	–
DOWNSTREAM DUCT	5'–0" LINED								10'–0" LINED		
MANUFACTURE:	ENVIRO–TEC		ENVIRO–TEC	ENVIRO–TEC	ENVIRO–TEC	ENVIRO–TEC	ENVIRO–TEC	ENVIRO–TEC	ENVIRO–TEC	ENVIRO–TEC	ENVIRO–TEC
MODEL:	VFR–WC		VFR–WC	VFR–WC	VFR–WC	VFR–WC	VFR–WC	VFR–WC	VFR–WC	VFR–WC	VFR–WC
INLET FILTERS	YES										→

REMARKS: 1.) REHEAT CAPACITY (MBH) BASED ON 2–ROW REHEAT COILS; 180° EWT; 160° LWT; 65° EAT.
2.) DESIGN SELECTIONS BASED ON PRIMARY AIR RADIATED NC LEVEL <= 30 NC.
3.) INSTALL SPRING VIBRATION ISOLATERS FOR FAN–POWERED AIR TERMINAL UNITS WITH 1/2 HORSEPOWER MOTORS AND HANDLING 1000 CFM OR GREATER VOLUME OF AIR DESIGNED BY "VIBREX" OR "MASON". INCLUDE SEISMIC RESTRAINT.

AIR DISTRIBUTION SCHEDULE

(PRICE, MODULAR)

NECK SIZE	CFM
6 x 6	*100
8 x 8	*180
10 x 10	*300
12 x 12	*400
14 x 14	*500
16 x 16	*700
18 x 18	*950

THROW
A = 4 WAY
B = 3 WAY
C = 2 WAY OPP.
D = 2 WAY CORNER
E = 1 WAY
X = EXHAUST

NECK SIZE (SQUARE)
THROW (X=EXHAUST)
12B / 300 CFM
DIFFUSER FACE TO BE 24x24 FOR T–BAR CEILINGS.

T–BAR CEILINGS, PROVIDE QUAD DAMPRS IN DUCTS GYP CEILINGS, PROVIDE OBD AT GRILLES COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING TYPE. SELECT DIFFUSER MOUNTING TYPE ACCORDINGLY.

CEILING	EXPOSED	T–BAR	T–BAR	GYPBOARD	GYPBOARD	GYPBOARD
PRICE	RCDA	PDMC	PDDR	SMCD	520D	80
FACE TYPE	RD	PR	PR	SQ	SW	EG
MOUNTING	–	FL	FL	S	S	S
PATTERN	–	ADJ	–	4W	FIX	FIX
DAMPER	VD	VD	VD	OBD	OBD	OBD
MATERIAL	ST	ST	ST	ST	ST	ST
FINISH	W	W	W	W	W	W
USE	SUPPLY	SUPPLY	RETURN	SUPPLY	SUPPLY	EXHAUST

FACE TYPE:
RD – ROUND
PR – PERFORATED
SW – SIDEWALL
EG – EGGCRATE
MOUNTING:
FL – FLUSH
S – SURFACE

PATTERN:
ADJ – ADJUSTABLE
4W – FOUR WAY
FIX – FIXED

FINISHES:
W– WHITE

DAMPERS:
OBD – OPPOSED BLADE DAMPER
VD – VOLUME DAMPER

MATERIAL:
ST – STEEL

AIR BALANCE REQUIREMENTS

PROVIDE AN INITIAL AIR TEST OF ALL EXISTING HVAC EQUIPMENT, AIR INLETS AND OUTLETS PRIOR TO ANY WORK TAKING PLACE. THIS INCLUDES ALL AREAS SERVED BY THE EXISTING AIR HANDLER AND EXHAUST SYSTEM. SUBMIT TEST TO ARCHITECT FOR REVIEW. PROVIDE FINAL AIR BALANCE AFTER CONSTRUCTION IS COMPLETE BASED ON THE DESIGN AIRFLOWS INDICATED IN THE AIRFLOW TABLE.

TESTING AND BALANCING AIR DISTRIBUTION SYSTEMS:

1. OBTAIN THE SERVICES OF AN INDEPENDENT TEST AND BALANCE AGENCY THAT SPECIALIZES IN AND WHOSE BUSINESS IS LIMITED TO THE TESTING AND BALANCING OF AIR CONDITION SYSTEMS.
2. THE AGENCY SELECTED SHALL BE A FULLY CERTIFIED MEMBER OF THE AABC OR NEBB. AT LEAST ONE MEMBER OF THE AGENCY SHALL BE QUALIFIED AS A CERTIFIED TEST AND BALANCE ENGINEER BY THE NATIONAL EXAMINING BOARD. ALL FINAL REPORTS SHALL BE SIGNED BY THIS CERTIFIED TEST AND BALANCE ENGINEER AND SHALL INCLUDE HIS OFFICIAL STAMP. THE NATIONAL EXAMINING BOARD. ALL FINAL REPORTS SHALL BE SIGNED BY THIS CERTIFIED TEST.
3. TESTING AND BALANCING SHALL BE PERFORMED IN COMPLETE ACCORDANCE WITH AABC STANDARDS FOR FIELD MEASUREMENT AND INSTRUMENTATION. TESTING AND BALANCING SHALL BE PERFORMED ON ALL SYSTEMS.
4. INSTRUMENTS USED FOR TESTING AND BALANCING OF SYSTEMS MUST HAVE BEEN CALIBRATED WITHIN PERIOD OF SIX MONTHS AND BEEN CHECKED FOR ACCURACY PRIOR TO START OF WORK.
5. MEASURE MAXIMUM AIR FLOW QUANTITY OF EACH SUPPLY AIR DIFFUSER. SET BALANCING DAMPER AND LOCK INTO PLACE.

EQUIPMENT AND MATERIALS

- ALL EQUIPMENT SHALL BE LABELED OR LISTED BY A RECOGNIZED APPROVAL AGENCY.
- FOR SUPPLY, RETURN, AND EXHAUST DUCT, MATERIALS SHALL BE GALVANIZED STEEL.
- ALL EXTERIOR REFRIGERANT PIPING INSULATION SHALL BE CLAD WITH ALUMINUM AND SECURED WITH ALUMINUM BANDS.

GOVERNING CODES

2016 CALIFORNIA ADMINISTRATIVE CODE, TITLE 24 PART 1
2016 CALIFORNIA BUILDING CODE, TITLE 24 PART 2
(INCLUDES THE CALIFORNIA HISTORICAL BUILDING CODE, PART 8 AND CALIFORNIA EXISTING BUILDING CODE, PART 10)
2016 CALIFORNIA ELECTRICAL CODE, TITLE 24 PART 3
2016 CALIFORNIA MECHANICAL CODE, TITLE 24, PART 4
2016 CALIFORNIA PLUMBING CODE, TITLE 24, PART 5
2016 CALIFORNIA FIRE CODE, TITLE 24 PART 9
2016 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24 PART 12

SHEET INDEX

MT24A	MECHANICAL TITLE 24 FORMS
MT24B	MECHANICAL TITLE 24 FORMS
MT24C	MECHANICAL TITLE 24 FORMS
M0.1	MECHANICAL LEGENDS, SCHEDULES AND NOTES
MZ1	MECHANICAL ZONING PLAN – FIRST FLOOR
MZ2	MECHANICAL ZONING PLAN – SECOND FLOOR
M1.0	MECHANICAL FIRST FLOOR DEMOLITION PLAN – NORTH WING
M1.1	MECHANICAL FIRST FLOOR DEMOLITION PLAN – SOUTH WING
M1.2	MECHANICAL SECOND FLOOR DEMOLITION PLAN – NORTH WING
M1.3	MECHANICAL SECOND FLOOR DEMOLITION PLAN – SOUTH WING
M2.0	MECHANICAL FIRST FLOOR PLAN– NORTH WING
M2.1	MECHANICAL FIRST FLOOR PLAN– SOUTH WING
M2.2	MECHANICAL SECOND FLOOR PLAN – NORTH WING
M2.3	MECHANICAL SECOND FLOOR PLAN – SOUTH WING
M3.0	MECHANICAL DETAILS
M3.1	MECHANICAL DETAILS

RETURN AIR PLENUM REQUIREMENTS

WIRING – ONLY WIRING METHODS CONSISTING OF TYPE MI CABLE OR TYPE MC CABLE EMPLOYING A SMOOTH OR CORRUGATED IMPERVIOUS METAL SHEATH WITHOUT AN OVERALL NONMETALLIC COVERING, ELECTRICAL METALLIC TUBING, FLEXIBLE METALLIC TUBING, INTERMEDIATE METAL CONDUIT, OR RIGID METAL CONDUIT IS PERMITTED. FLEXIBLE METAL CONDUIT AND LIQUID TIGHT FLEXIBLE METAL CONDUIT SHALL BE PERMITTED, IN LENGTHS NOT TO EXCEED 4 FEET, TO CONNECT PHYSICALLY ADJUSTABLE EQUIPMENT AND DEVICES THAT ARE PERMITTED IN THE PLENUM (NEC 300–22B, 22C)

GAS VALVES SHALL NOT BE LOCATED IN SUCH SPACES DUE TO THE POTENTIAL TO LEAK.

COMMUNICATION CABLES – CABLES INSTALLED IN DUCTS, PLENUMS, AND OTHER SPACES USED FOR ENVIRONMENT AIR SHALL BE TYPE CMP. TYPES CMP, CMR, CMG, CM AND CMX AND COMMUNICATIONS WIRE SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING, FLEXIBLE METAL TUBING, INTERMEDIATE METAL CONDUIT, RIGID METAL CONDUIT, FLEXIBLE METAL CONDUIT, OR, WHERE ACCESSIBLE, SURFACE METAL RACEWAY OR WIRE WAY WITH METAL COVERS OR SOLID BOTTOM METAL CABLE TRAY WITH SOLID METAL COVERS. (CEC 800.154SA, 300–22A,B,C)

WOOD FRAMING & PLYWOOD – NOT PERMITTED TO BE EXPOSED IN THE PLENUM UNLESS RATED CLASS I. (CMC 602.2)

SUSPENDED CEILINGS – RATED FOR PLENUM OR A MINIMUM OF 1–HOUR RATED.

INSULATION – CLASS I MATERIAL ONLY. BATTS NOT PERMITTED.

LIGHTING – SHALL HAVE A METAL ENCLOSURE, OR NONMETALLIC ENCLOSURE LISTED FOR THE USE WITH ADEQUATE FIRE–RESISTANT AND LOW SMOKE–PRODUCING (CLASS 1 FLAME SPREAD) AND ASSOCIATED WIRING MATERIAL SUITABLE FOR THE AMBIENT TEMPERATURE.

DUCT MATERIALS – CLASS "0" OR "1" ONLY.

pk:architecture
5185 Campton Drive – Suite 100
Aliso Viejo, California 92301
v 949.654.0097 f 949.654.0099
www.pkarchitecture.net

KEVIN A. SMOLA AND ASSOC. INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585–9338 FAX(626)585–0864

TENANT IMPROVEMENTS FOR
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE – 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

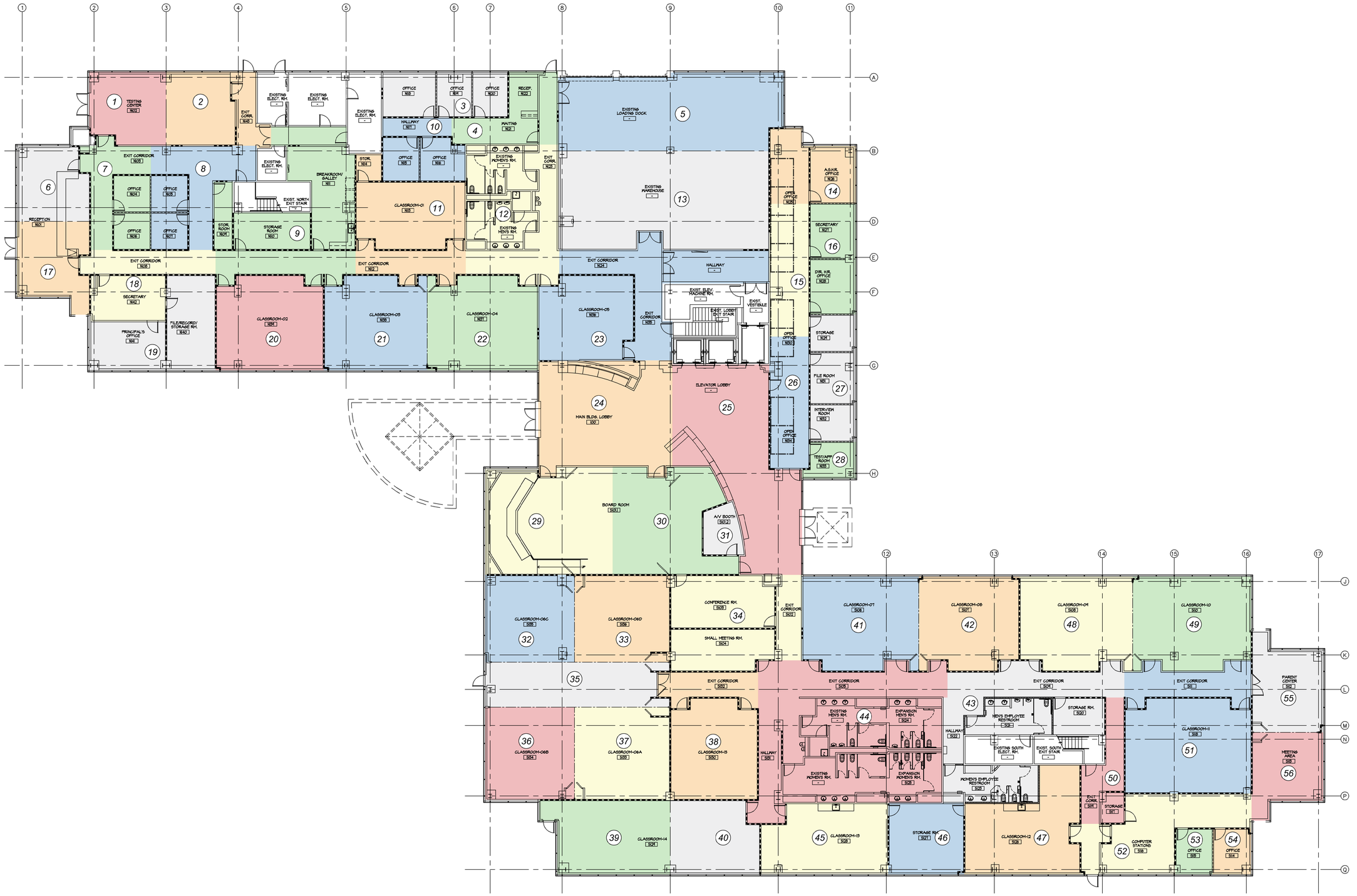
△	remarks	date

sheet title

MECHANICAL LEGENDS, NOTES AND SCHEDULES

drawn by: RG
project no: 43098
date: 2/25/20
scale: AS SHOWN

M0.1



pk:a
pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v. 818.584.0057 f. 818.584.0019
w. pkarchitecture.net

KEVIN A. SMOLA AND ASSOC., INC.
CONSULTING MECHANICAL ENGINEERS
19025 ARROW HWY. STE. C
RWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated usec or disclosed without the written consent of the architect.

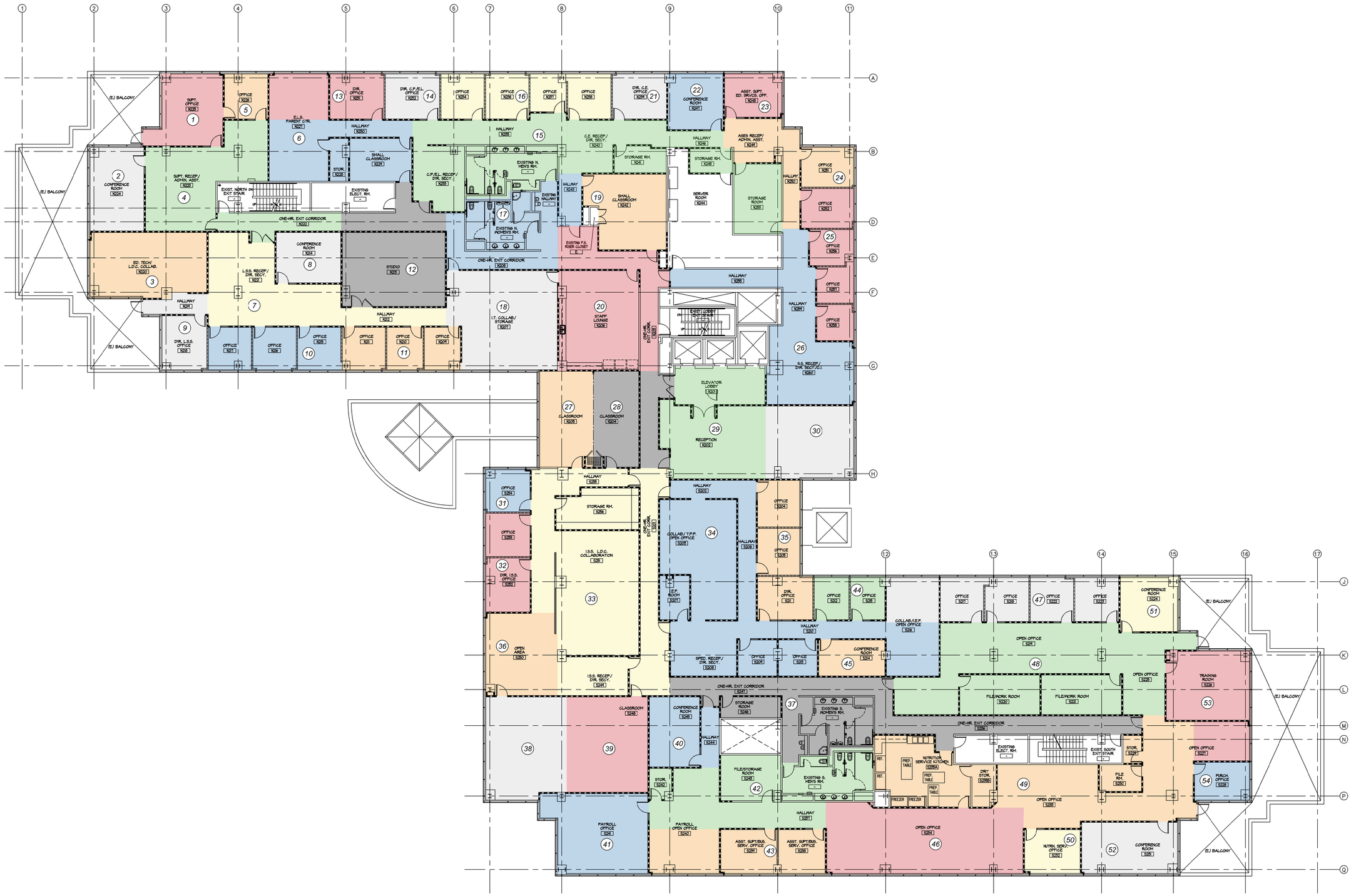
△	remarks	date

sheet title

MECHANICAL ZONING PLAN - FIRST FLOOR

drawn by	RG
project no	43098
date	2/25/20
scale	AS SHOWN

MZI



pk:a
pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v. 818.584.0057 f. 818.584.0019
w. pkarchitecture.net

KEVIN A. SMOLA AND ASSOC., INC.
CONSULTING MECHANICAL ENGINEERS
19025 ARROW HWY. STE. C
RWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect

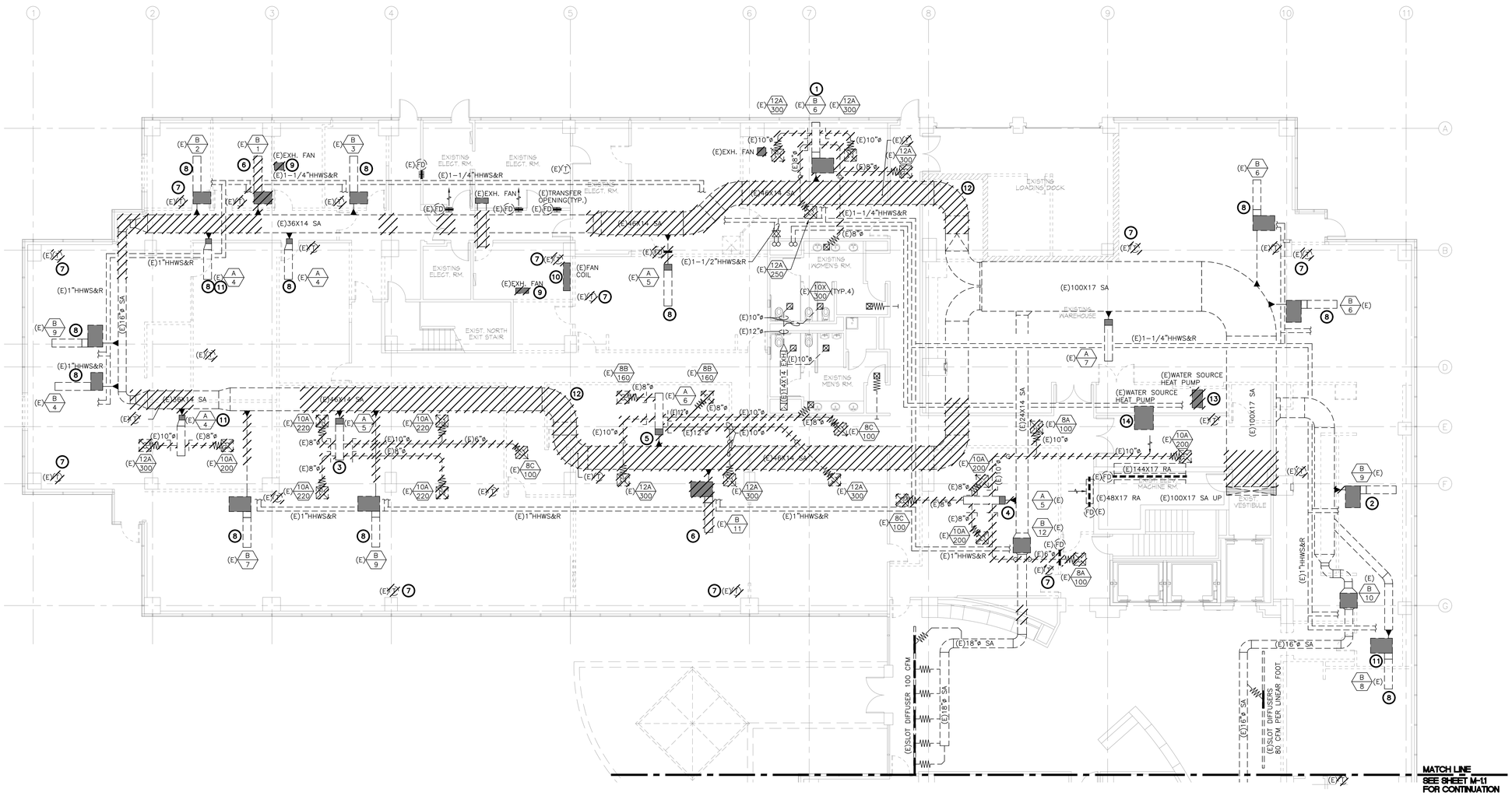
△	remarks	date

sheet title

MECHANICAL ZONING PLAN - SECOND FLOOR

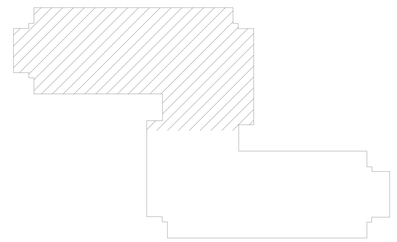
drawn by	RC
project no	43098
date	2/25/20
scale	AS SHOWN

MZ2



MECHANICAL FIRST FLOOR DEMOLITION PLAN - NORTH WING

SCALE: 1/8" = 1'-0"



KEY PLAN

NOTES:

DASHED LINES REPRESENT EXISTING DUCTS, EQUIPMENT, ETC.

"LIGHT TEXT" PERTAINS TO EXISTING DUCTS AND EQUIPMENT

"HEAVY TEXT" PERTAINS TO NEW DUCTS AND EQUIPMENT

CROSSHATCHED AREAS INDICATED "NIC" NO MECHANICAL WORK REQUIRED.

DEMOLITION NOTES

1. DISCONNECT (E)HWS&R AND MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #14. SEE SHEET M-2.0 FOR NEW LOCATION.
2. DISCONNECT (E)HWS&R AND MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #36. SEE SHEET M-2.1 FOR NEW LOCATION.
3. DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #9. SEE SHEET M-2.0 FOR NEW LOCATION.
4. DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #21. SEE SHEET M-2.0 FOR NEW LOCATION.
5. DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #23. SEE SHEET M-2.0 FOR NEW LOCATION.
6. DEMOLISH EXISTING VAV ZONE AND ALL ASSOCIATED HWS&R PIPING. LOW PRESSURE DUCTWORK, DIFFUSERS ETC.
7. DEMOLISH EXISTING THERMOSTATS AND REPLACE WITH NEW. SEE SHEET M-2.0 FOR NEW LOCATION. (TYP.)
8. DEMOLISH ALL ASSOCIATED EXISTING DUCTWORK DOWNSTREAM FROM (E)SA PLENUM/ATTENUATOR OF (E)VAV BOX AND ALL (E)SA DIFFUSERS. (E)SA PLENUM/ATTENUATOR IS EXISTING TO REMAIN.
9. DEMOLISH (E)EXHAUST FAN AND ALL ASSOCIATED DUCTWORK. (TYP.)
10. EXISTING FAN COIL TO BE RELOCATED TO ADJACENT ELECTRICAL ROOM. SEE M2.0 FOR NEW LOCATION. EXTEND EXISTING REFRIGERANT PIPING TO NEW FAN COIL LOCATION AS NECESSARY AND RECONNECT. SEE PLUMBING FOR CONDENSATE DISCHARGE. MECH CONTRACTOR TO CLEAN AND FULLY SERVICE EXISTING FAN COIL AND ASSOCIATED CONDENSING UNIT. VERIFY LOCATIONS IN FIELD.
11. RELOCATE EXISTING VAV BOX. EXTEND EXISTING HEATING HOT WATER PIPING AND RECONNECT TO (E)MEDIUM PRESSURE DUCTWORK AS NECESSARY SEE M2.0 FOR NEW LOCATION.
12. DEMOLISH EXISTING MEDIUM PRESSURE DUCT AS NECESSARY DUE TO NEW FULL HEIGHT WALLS. (TYP.)
13. DEMOLISH EXISTING WATER SOURCE HEAT PUMP AND ALL ASSOCIATED DUCTWORK. CAP EXISTING CONDENSER WATER PIPING ABOVE CEILING.
14. EXISTING WATER SOURCE HEAT PUMP TO REMAIN

pk:a
pk:architecture
5185 Campton drive - suite 103
Aliso Viejo, California 92301
v 949.564.1000 f 949.564.1010
w pkarchitecture.net

KEVIN A. SMOLA AND ASSOC, INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect

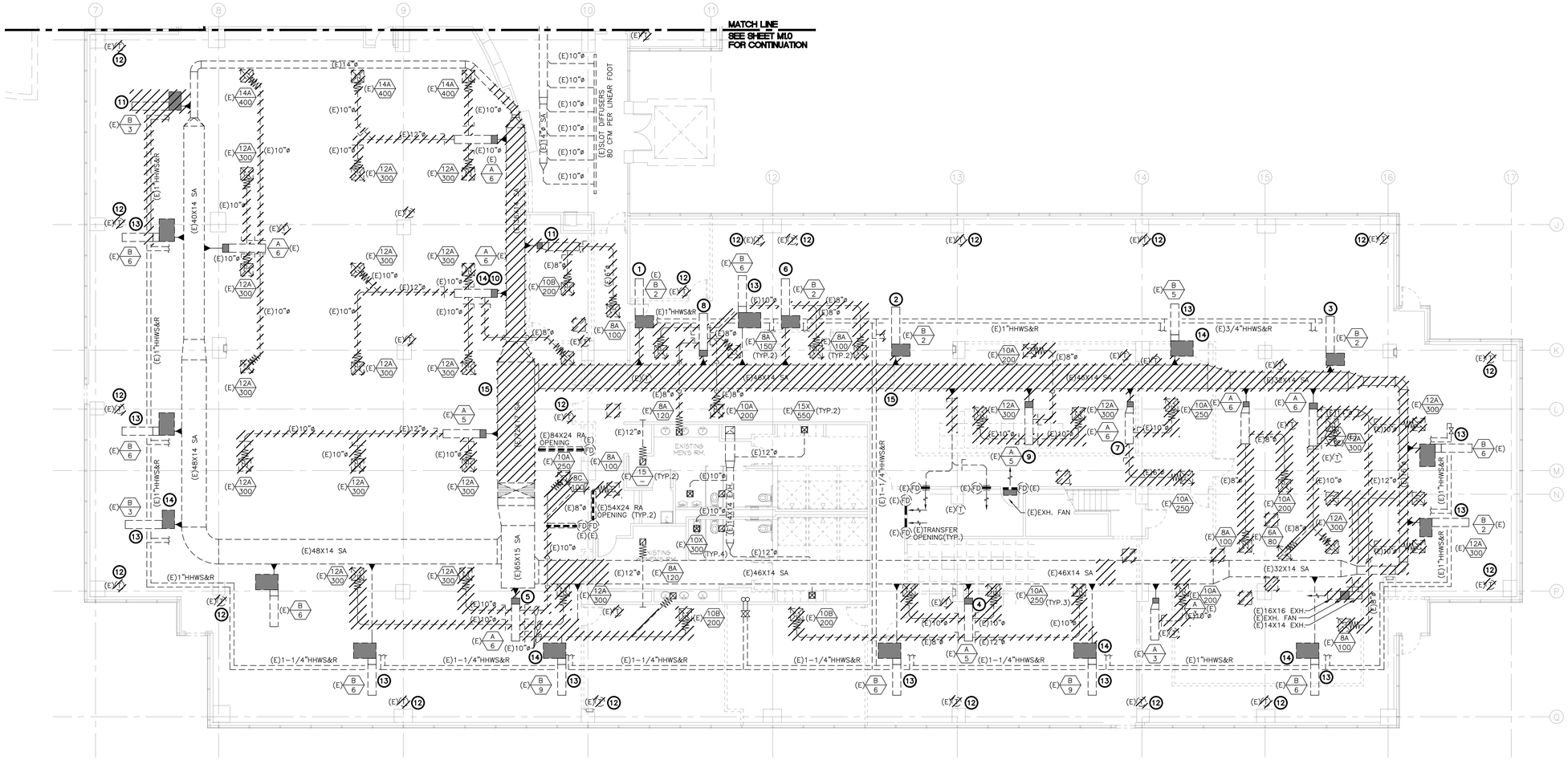
△	remarks	date

sheet title

MECHANICAL FIRST FLOOR DEMOLITION PLAN- NORTH WING

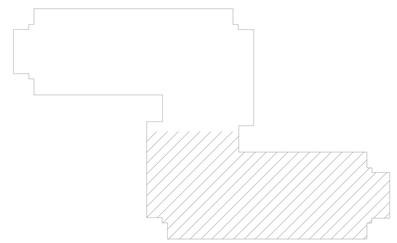
drawn by	RC
project no	13098
date	2/25/20
scale	AS SHOWN

M1.0



MECHANICAL FIRST FLOOR DEMOLITION PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"



KEY PLAN

NOTES:

DASHED LINES REPRESENT EXISTING DUCTS, EQUIPMENT, ETC.

"LIGHT TEXT" PERTAINS TO EXISTING DUCTS AND EQUIPMENT

"HEAVY TEXT" PERTAINS TO NEW DUCTS AND EQUIPMENT

CROSSHATCHED AREAS INDICATED "NIC" NO MECHANICAL WORK REQUIRED.

DEMOLITION NOTES

1. DISCONNECT (E)HWS&R AND MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #3. SEE SHEET M-2.0 FOR NEW LOCATION.
2. DISCONNECT (E)HWS&R AND MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #4. SEE SHEET M-2.0 FOR NEW LOCATION.
3. DISCONNECT (E)HWS&R AND MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #28. SEE SHEET M-2.0 FOR NEW LOCATION.
4. DISCONNECT (E)HWS&R AND MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #33. SEE SHEET M-2.1 FOR NEW LOCATION.
5. DISCONNECT (E)HWS&R AND MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #44. SEE SHEET M-2.1 FOR NEW LOCATION.
6. DISCONNECT (E)HWS&R AND MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #53. SEE SHEET M-2.1 FOR NEW LOCATION.
7. DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #31. SEE SHEET M-2.1 FOR NEW LOCATION.
8. DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #34. SEE SHEET M-2.1 FOR NEW LOCATION.
9. DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #37. SEE SHEET M-2.1 FOR NEW LOCATION.
10. DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #43. SEE SHEET M-2.1 FOR NEW LOCATION.
11. DEMOLISH EXISTING VAV ZONE AND ALL ASSOCIATED HWS&R PIPING, LOW PRESSURE DUCTWORK, DIFFUSERS ETC.
12. DEMOLISH EXISTING THERMOSTATS AND REPLACE WITH NEW. SEE SHEET M-2.0 FOR NEW LOCATION. (TYP.)
13. DEMOLISH ALL ASSOCIATED EXISTING DUCTWORK DOWNSTREAM FROM (E)SA PLENUM/ATTENUATOR OF (E)VAV BOX AND ALL (E)SA DIFFUSERS. (E)SA PLENUM/ATTENUATOR IS EXISTING TO REMAIN.
14. RELOCATE EXISTING VAV BOX. EXTEND EXISTING HEATING HOT WATER PIPING AND RECONNECT TO (E)MEDIUM PRESSURE DUCTWORK AS NECESSARY SEE M2.1 FOR NEW LOCATION.
15. DEMOLISH EXISTING MEDIUM PRESSURE DUCT AS NECESSARY DUE TO NEW FULL HEIGHT WALLS. (TYP.)

pk:a
pk:architecture
5161 claremont drive - suite 103
agoura hills, california 91301
v. 818.594-0057 f. 818.594-0059
w. pkarchitecture.net

KEVIN A. SMOLA AND ASSOC, INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

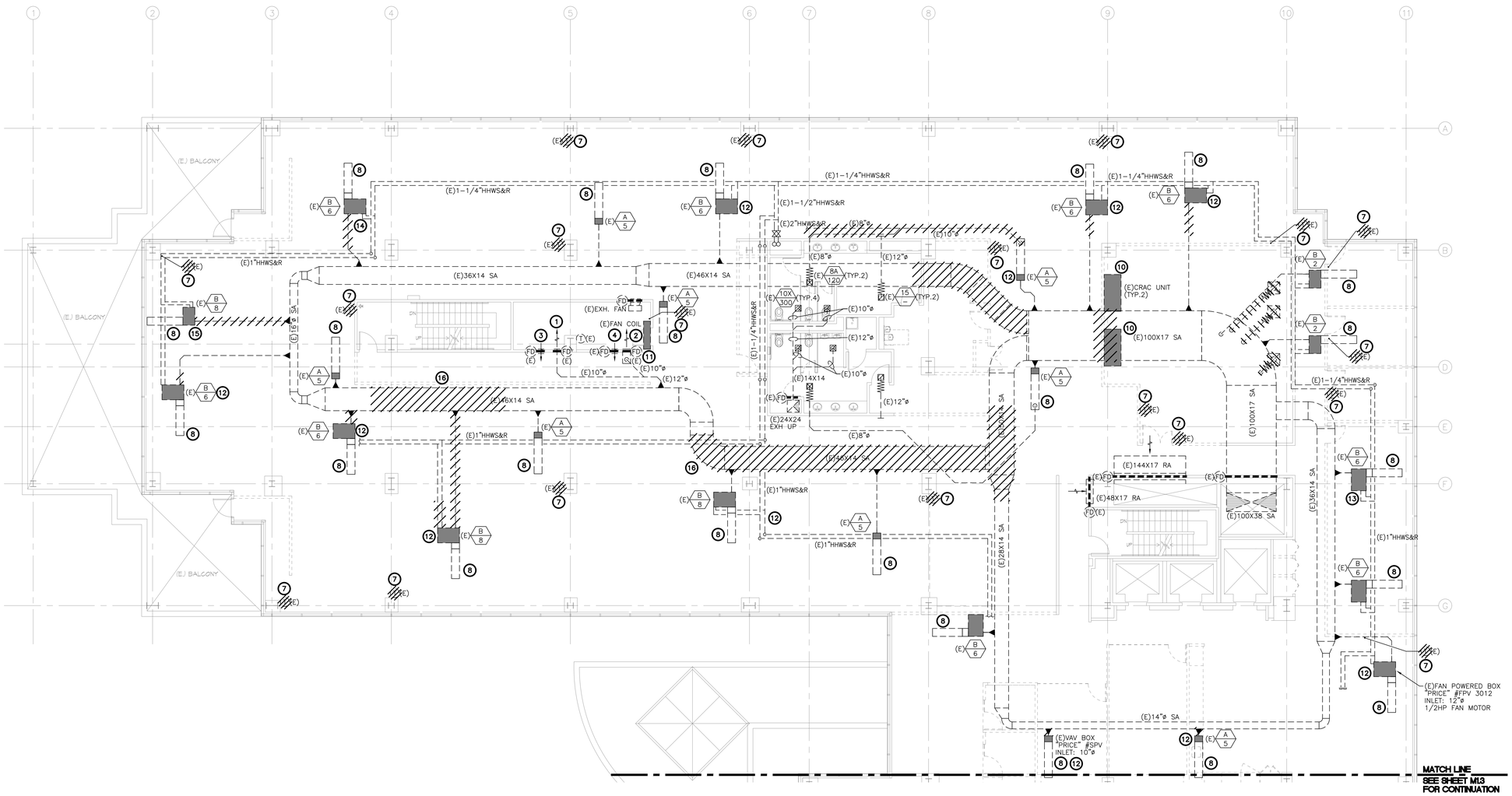
△	remarks	date

sheet title

MECHANICAL FIRST FLOOR DEMOLITION PLAN- SOUTH WING

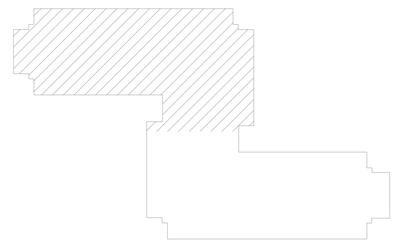
drawn by	RG
project no	13098
date	2/25/20
scale	AS SHOWN

M1.1



MECHANICAL SECOND FLOOR DEMOLITION PLAN - NORTH WING

SCALE: 1/8" = 1'-0"



KEY PLAN

NOTES:

DASHED LINES REPRESENT EXISTING DUCTS, EQUIPMENT, ETC.

"LIGHT TEXT" PERTAINS TO EXISTING DUCTS AND EQUIPMENT

"HEAVY TEXT" PERTAINS TO NEW DUCTS AND EQUIPMENT

CROSSHATCHED AREAS INDICATED "NIC" NO MECHANICAL WORK REQUIRED.

DEMOLITION NOTES

1. (E)SIDE WALL DIFFUSER WITH (E)FD 250 CFM TO REMAIN.
2. (E)SIDE WALL DIFFUSER WITH (E)FD 200 CFM TO REMAIN.
3. (E)RETURN AIR SIDE WALL DIFFUSER WITH (E)FD TO REMAIN.
4. (E)16X10 RETURN AIR OPENING WITH WIREMESH ON BOTH SIDES OF OPENING. PROTECT IN PLACE.
5. DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #49. SEE SHEET M2.3 FOR NEW LOCATION.
6. DEMOLISH EXISTING VAV ZONE AND ALL ASSOCIATED HWS&R PIPING, LOW PRESSURE DUCTWORK, DIFFUSERS ETC.
7. DEMOLISH EXISTING THERMOSTATS AND REPLACE WITH NEW. SEE SHEET M2.0 FOR NEW LOCATION. (TYP.)
8. DEMOLISH ALL ASSOCIATED EXISTING DUCTWORK DOWNSTREAM FROM (E)SA PLENUM/ATTENUATOR OF (E)VAV BOX AND ALL (E)SA DIFFUSERS. (E)SA PLENUM/ATTENUATOR IS EXISTING TO REMAIN.
9. DEMOLISH (E)SA DIFFUSER AND PARTIALLY DEMOLISH (E)DUCTWORK. SEE M2.3 FOR EXTENT OF DEMOLITION.
10. EXISTING COMPUTER ROOM AIR CONDITIONERS TO REMAIN AND BE PROTECTED IN PLACE.
11. EXISTING FAN COIL TO REMAIN. CONTRACTOR TO CLEAN AND FULLY SERVICE EXISTING FAN COIL AND ASSOCIATED CONDENSING UNIT. VERIFY LOCATIONS IN FIELD.
12. RELOCATE EXISTING VAV BOX. EXTEND EXISTING HEATING HOT WATER PIPING AND RECONNECT TO (E)MEDIUM PRESSURE DUCTWORK AS NECESSARY SEE M2.2 & M2.3 FOR NEW LOCATION.
13. DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #18. SEE SHEET M2.2 FOR NEW LOCATION.
14. DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #2. SEE SHEET M2.2 FOR NEW LOCATION.
15. DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #1. SEE SHEET M2.2 FOR NEW LOCATION.
16. DEMOLISH EXISTING MEDIUM PRESSURE DUCT AS NECESSARY DUE TO NEW FULL HEIGHT WALLS. (TYP.)

pk:a
pk:architecture
5185 Campton drive - suite 110
Agoura Hills, California 91301
v 818.564-0057 f 818.564-0059
w pkarchitecture.net

KEVIN A. SMOLA AND ASSOC. INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

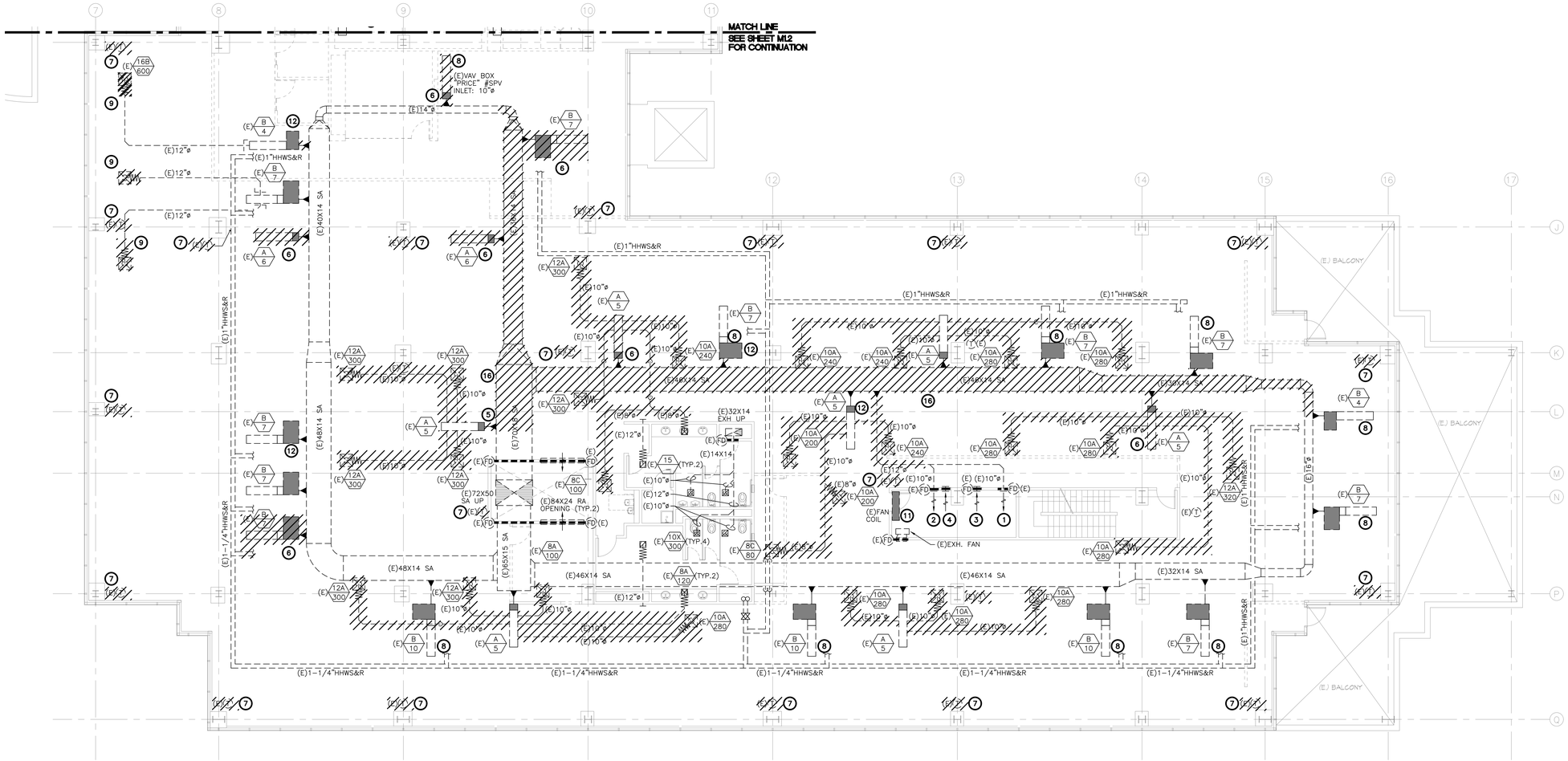
△	remarks	date

sheet title

MECHANICAL SECOND FLOOR DEMOLITION PLAN- NORTH WING

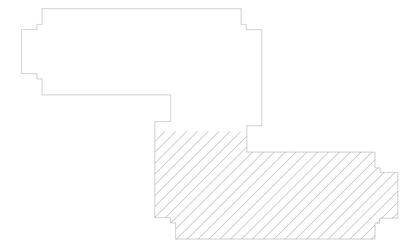
drawn by	RG
project no	13098
date	2/25/20
scale	AS SHOWN

M1.2



MECHANICAL SECOND FLOOR DEMOLITION PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"



KEY PLAN

NOTES:

DASHED LINES REPRESENT EXISTING DUCTS, EQUIPMENT, ETC.

"LIGHT TEXT" PERTAINS TO EXISTING DUCTS AND EQUIPMENT

"HEAVY TEXT" PERTAINS TO NEW DUCTS AND EQUIPMENT

CROSSHATCHED AREAS INDICATED "NIC" NO MECHANICAL WORK REQUIRED.

DEMOLITION NOTES

1. (E)SIDE WALL DIFFUSER WITH (E)FD 250 CFM TO REMAIN.
2. (E)SIDE WALL DIFFUSER WITH (E)FD 200 CFM TO REMAIN.
3. (E)RETURN AIR SIDE WALL DIFFUSER WITH (E)FD TO REMAIN.
4. (E)16X10 RETURN AIR OPENING WITH WIREMESH ON BOTH SIDES OF OPENING. PROTECT IN PLACE.
5. DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #49. SEE SHEET M2.3 FOR NEW LOCATION.
6. DEMOLISH EXISTING VAV ZONE AND ALL ASSOCIATED HWS&R PIPING, LOW PRESSURE DUCTWORK, DIFFUSERS ETC.
7. DEMOLISH EXISTING THERMOSTATS AND REPLACE WITH NEW. SEE SHEET M2.0 FOR NEW LOCATION. (TYP.)
8. DEMOLISH ALL ASSOCIATED EXISTING DUCTWORK DOWNSTREAM FROM (E)SA PLENUM/ATTENUATOR OF (E)VAV BOX AND ALL (E)SA DIFFUSERS. (E)SA PLENUM/ATTENUATOR IS EXISTING TO REMAIN.
9. DEMOLISH (E)SA DIFFUSER AND PARTIALLY DEMOLISH (E)DUCTWORK. SEE M2.3 FOR EXTENT OF DEMOLITION.
10. EXISTING COMPUTER ROOM AIR CONDITIONERS TO REMAIN AND BE PROTECTED IN PLACE.
11. EXISTING FAN COIL TO REMAIN. CONTRACTOR TO CLEAN AND FULLY SERVICE EXISTING FAN COIL AND ASSOCIATED CONDENSING UNIT. VERIFY LOCATIONS IN FIELD.
12. RELOCATE EXISTING VAV BOX. EXTEND EXISTING HEATING HOT WATER PIPING AND RECONNECT TO (E)MEDIUM PRESSURE DUCTWORK AS NECESSARY SEE M2.2 & M2.3 FOR NEW LOCATION.
13. DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #18. SEE SHEET M2.2 FOR NEW LOCATION.
14. DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #2. SEE SHEET M2.2 FOR NEW LOCATION.
15. DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #1. SEE SHEET M2.2 FOR NEW LOCATION.
16. DEMOLISH EXISTING MEDIUM PRESSURE DUCT AS NECESSARY DUE TO NEW FULL HEIGHT WALLS. (TYP.)

pk:architecture
5.25 Carpenter Drive, Suite 110
Irvine, California 92612
v. 949.540.0057 f. 949.654.6010
ia@pkarchitecture.net

KEVIN A. SWICLA AND ASSOC., INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date

sheet title

MECHANICAL SECOND FLOOR DEMOLITION PLAN- SOUTH WING

drawn by	RG
project no	13098
date	2/25/20
scale	AS SHOWN

M1.3

NOTES:

DASHED LINES REPRESENT EXISTING DUCTS, EQUIPMENT, ETC.

"LIGHT TEXT" PERTAINS TO EXISTING DUCTS AND EQUIPMENT

"HEAVY TEXT" PERTAINS TO NEW DUCTS AND EQUIPMENT

CROSSHATCHED AREAS INDICATED "NIC" NO MECHANICAL WORK REQUIRED.

SEE MT24 SHEET FOR CORRESPONDING ZONE NUMBERS ON MCH-03 VENTILATION FORMS.

ALL NEW MEDIUM PRESSURE DUCTWORK SHALL HAVE A MINIMUM OF 1" LINING TO MATCH CONDITION OF EXISTING MEDIUM PRESSURE DUCTWORK. CONTRACTOR TO VERIFY CONDITION IN FIELD AND INCLUDE THE COST OF LINED DUCTWORK IN THEIR BID.

PLAN NOTES

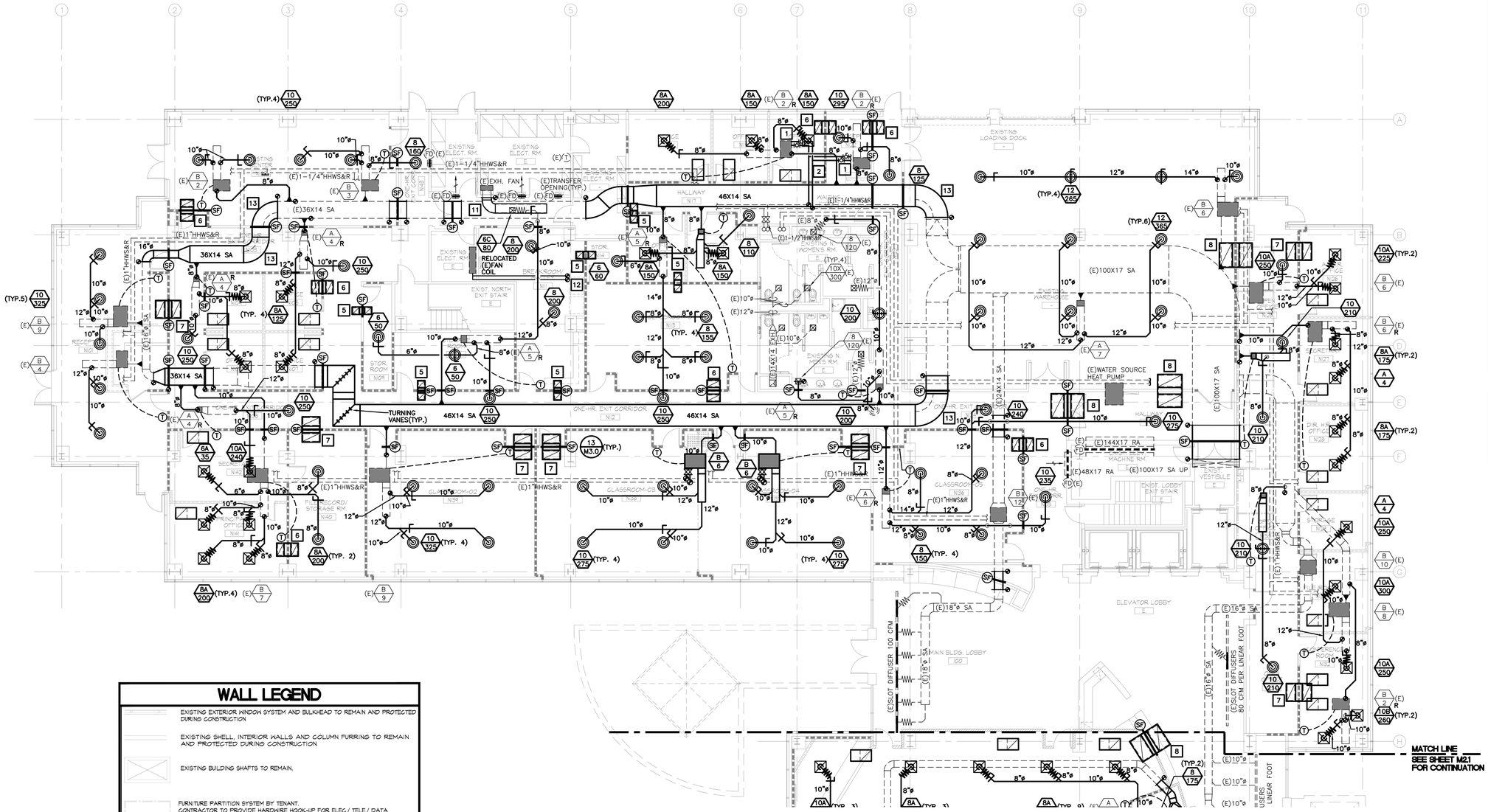
1. 1"HHWS&R.
2. 1-1/4"HHWS&R.
3. INSULATED REFRIGERANT PIPING WRAPPED WITH RIGID ALUMINUM CLADDING AND ALUMINUM BANDS.
4. 3/8" AND 5/8" INSULATED REFRIGERANT PIPING DN TO FC-1 ON 1ST FLR. SEE M2.1 FOR CONT.
5. 12X12(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
6. 24X14(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
7. 34X16(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
8. 48X24(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
9. 3/8" AND 5/8" INSULATED REFRIGERANT PIPING UP TO CU-1 ON 1ST FLR. SEE M2.3 FOR CONT.
10. 12X12 EXH DUCT UP TO LOW ROOF ON 2ND FLOOR. SEE M2.3 FOR CONT.
11. NEW DUCT WITH 1" LINING POC TO DUCT. MATCH EXISTING DUCT SIZE. VERIFY IN FIELD. RUN A MIN. 10' OF DUCT LENGTH. CONT. LOCATE DUCT ABOVE MEDIUM PRESSURE SUPPLY AIR DUCT.
12. RELOCATE AND INSTALL EXISTING FAN COIL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. EXTEND INSULATED REFRIGERANT PIPING TO (E)FAN COIL'S NEW LOCATION.
13. PROVIDE THIRD POINT TURNING VANES FOR ALL RADIUS ELBOWS GREATER THAN 30" WIDE. SEE 14/M3.0 FOR DETAIL.

DUCT BRACING

MECHANICAL CONTRACTOR SHALL OBTAIN THE SERVICES OF M.W. SAUSSE TO DESIGN DUCT SEISMIC BRACING INCLUDING CALCULATIONS AND DETAILS USING OPM-0203-13 OR "MASON" AND "B-LINE" OPM EQUAL. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.

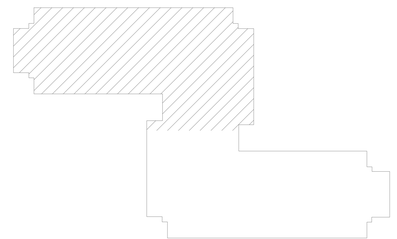
WALL LEGEND

- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING SHELL, INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING BUILDING SHAFTS TO REMAIN.
- FURNITURE PARTITION SYSTEM BY TENANT. CONTRACTOR TO PROVIDE HARDWIRE HOOK-UP FOR ELEC./ TELE/ DATA, TYPICAL
- NEW FULL-HEIGHT SOUND PARTITION - 5/8" TYPE "X" GYP. BD. EACH SIDE OF 3 5/8" X 20 GA. METAL STUDS FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH R-13 SOUND ATTENUATION BATT INSULATION
- NEW PARTITION - 5/8" TYPE "X" GYP. BD. EACH SIDE OF 3 5/8" X 20 GA. METAL STUD FROM FINISH FLOOR TO 12" ABOVE ADJACENT CEILING WITH R-13 SOUND ATTENUATION BATT INSULATION
- NEW FULL-HEIGHT SOUND CONTROL PARTITION FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH TWO LAYERS OF 5/8" TYPE "X" GYP. BD. EACH SIDE OF 6 5/8" X 20 GAUGE METAL STUDS AND R-13 SOUND ATTENUATION BATT INSULATION
- NEW FULL-HEIGHT PERIMETER TOILET PARTITION 3 5/8" X 20 GA. METAL STUDS @ 24" O.C.
- NEW INTERIOR CEILING-HEIGHT TOILET PARTITION 3 5/8" X 20 GA. METAL STUDS @ 24" O.C.
- NEW LOW PARTITION WITH TUBE STEEL SUPPORTS



MECHANICAL FIRST FLOOR PLAN - NORTH WING

SCALE: 1/8" = 1'-0"



KEY PLAN

pk:architecture

5185 campton drive - suite 103
aliso viejo, california 92301
v 949.594.0057 f 949.594.0059
w pkarchitecture.net

KEVIN A. SMOLA AND ASSOC, INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
RWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date

sheet title

MECHANICAL FIRST FLOOR PLAN - NORTH WING

drawn by: RG
project no: 43098
date: 2/25/20
scale: AS SHOWN

M2.0

WALL LEGEND

- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING SHELL, INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING BUILDING SHAFTS TO REMAIN.
- FURNITURE PARTITION SYSTEM BY TENANT. CONTRACTOR TO PROVIDE HARDWIRE HOOK-UP FOR ELEC./ TELE/ DATA, TYPICAL
- NEW FULL-HEIGHT SOUND PARTITION - ⅝" TYPE 'X' GYP. BD. EACH SIDE OF 3 ⅝" X 20 GA. METAL STUDS FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH R-13 SOUND ATTENUATION BATT INSULATION
- NEW PARTITION - ⅝" TYPE 'X' GYP. BD. EACH SIDE OF 3 ⅝" X 20 GA. METAL STUD FROM FINISH FLOOR TO 12" ABOVE ADJACENT CEILING WITH R-13 SOUND ATTENUATION BATT INSULATION
- NEW FULL-HEIGHT SOUND CONTROL PARTITION FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH TWO LAYERS OF ⅝" TYPE 'X' GYP. BD. EACH SIDE OF 5⅛" X 20 GAUGE METAL STUDS AND R-13 SOUND ATTENUATION BATT INSULATION
- NEW FULL-HEIGHT PERIMETER TOILET PARTITION 3⅝" X 20 GA. METAL STUDS @ 24" O.C.
- NEW INTERIOR CEILING-HEIGHT TOILET PARTITION 3⅝" X 20 GA. METAL STUDS @ 24" O.C.
- NEW LOW PARTITION WITH TUBE STEEL SUPPORTS

NOTES:

DASHED LINES REPRESENT EXISTING DUCTS, EQUIPMENT, ETC.

"LIGHT TEXT" PERTAINS TO EXISTING DUCTS AND EQUIPMENT

"HEAVY TEXT" PERTAINS TO NEW DUCTS AND EQUIPMENT

CROSSHATCHED AREAS INDICATED "NIC" NO MECHANICAL WORK REQUIRED.

SEE MT24 SHEET FOR CORRESPONDING ZONE NUMBERS ON MCH-03 VENTILATION FORMS.

ALL NEW MEDIUM PRESSURE DUCTWORK SHALL HAVE A MINIMUM OF 1" LINING TO MATCH CONDITION OF EXISTING MEDIUM PRESSURE DUCTWORK. CONTRACTOR TO VERIFY CONDITION IN FIELD AND INCLUDE THE COST OF LINED DUCTWORK IN THEIR BID.

PLAN NOTES

1. 1"HHWS&R.
2. 1-1/4"HHWS&R.
3. INSULATED REFRIGERANT PIPING WRAPPED WITH RIGID ALUMINUM CLADDING AND ALUMINUM BANDS.
4. 3/8" AND 5/8" INSULATED REFRIGERANT PIPING DN TO FC-1 ON 1ST FLR. SEE M2.1 FOR CONT.
5. 12X12(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
6. 24X14(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
7. 34X16(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
8. 48X24(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
9. 3/8" AND 5/8" INSULATED REFRIGERANT PIPING UP TO CU-1 ON 1ST FLR. SEE M2.3 FOR CONT.
10. 12X12 EXH DUCT UP TO LOW ROOF ON 2ND FLOOR. SEE M2.3 FOR CONT.
11. NEW DUCT WITH 1" LINING POC TO DUCT. MATCH EXISTING DUCT SIZE. VERIFY IN FIELD. RUN A MIN. 10' OF DUCT LENGTH. CONT. LOCATE DUCT ABOVE MEDIUM PRESSURE SUPPLY AIR DUCT.
12. RELOCATE AND INSTALL EXISTING FAN COIL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. EXTEND INSULATED REFRIGERANT PIPING TO (E)FAN COIL'S NEW LOCATION.
13. PROVIDE THIRD POINT TURNING VANES FOR ALL RADIUS ELBOWS GREATER THAN 30" WIDE. SEE 14/M3.0 FOR DETAIL.

DUCT BRACING

MECHANICAL CONTRACTOR SHALL OBTAIN THE SERVICES OF M.W. SAUSSE TO DESIGN DUCT SEISMIC BRACING INCLUDING CALCULATIONS AND DETAILS USING SMACNA OPM-0203-13 OR "MASON" AND "B-LINE" OPM EQUAL. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.

MATCH LINE SEE SHEET M2.0 FOR CONTINUATION

MECHANICAL FIRST FLOOR PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"

KEY PLAN

pk:architecture

5161 planetary drive - suite 103
agoura hills, california 91301
v 818.594.1005 f 818.594.1009
w pkarchitecture.net

KEVIN A. SMOLA AND ASSOC, INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

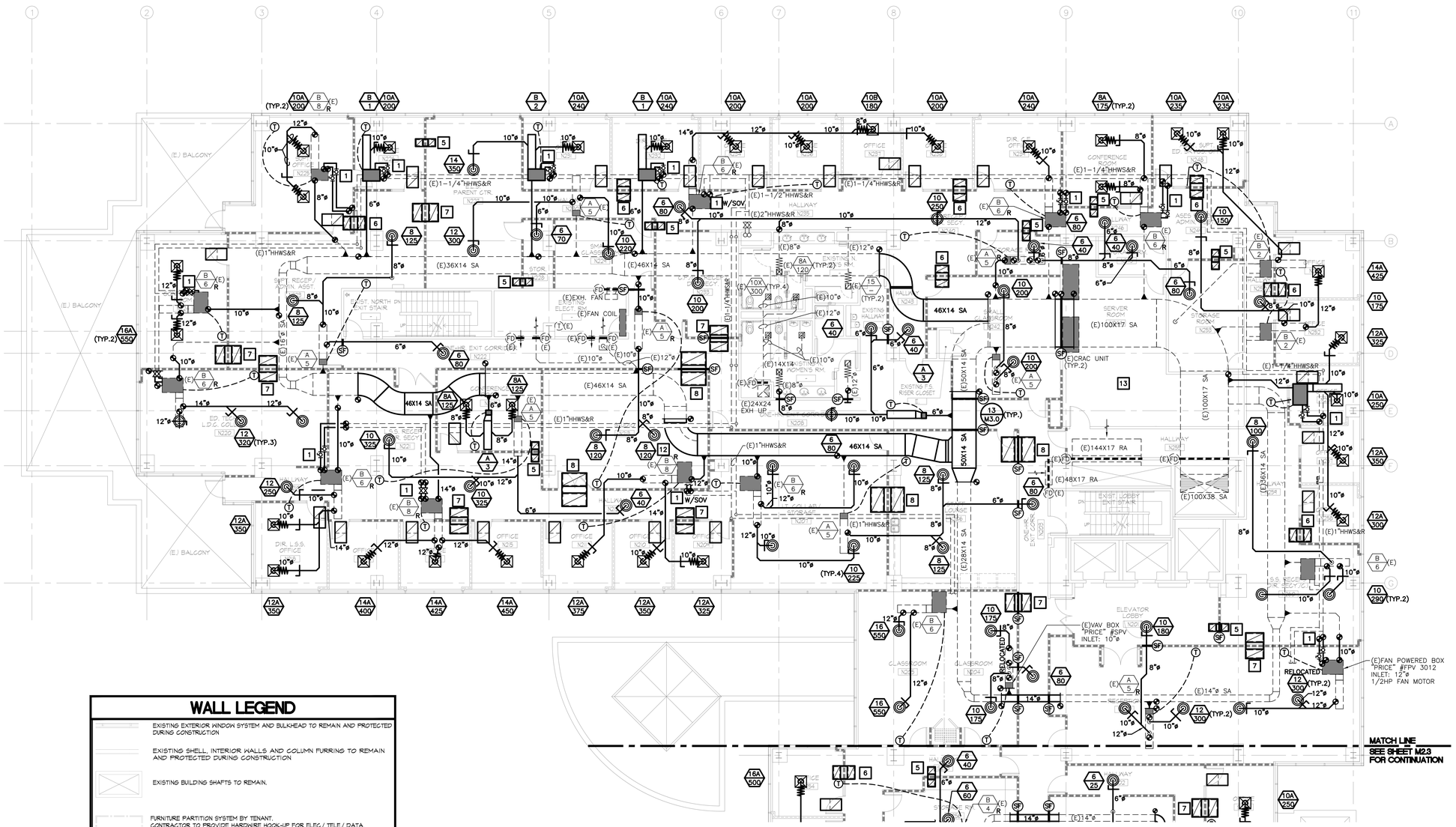
△	remarks	date

sheet title

MECHANICAL FIRST FLOOR PLAN - SOUTH WING

drawn by	RC
project no	43098
date	2/25/20
scale	AS SHOWN

M2.1

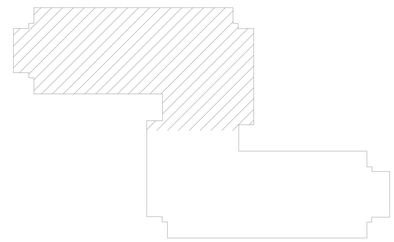


WALL LEGEND

- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING SHELL, INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING BUILDING SHAFTS TO REMAIN.
- FURNITURE PARTITION SYSTEM BY TENANT. CONTRACTOR TO PROVIDE HARDWIRE HOOK-UP FOR ELEC./ TELE/ DATA, TYPICAL
- NEW FULL-HEIGHT SOUND PARTITION - 5/8" TYPE "X" GYP. BD. EACH SIDE OF 3 5/8" X 20 GA. METAL STUDS FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH R-13 SOUND ATTENUATION BATT INSULATION
- NEW PARTITION - 5/8" TYPE "X" GYP. BD. EACH SIDE OF 3 5/8" X 20 GA. METAL STUD FROM FINISH FLOOR TO 12' ABOVE ADJACENT CEILING WITH R-13 SOUND ATTENUATION BATT INSULATION
- NEW FULL-HEIGHT SOUND CONTROL PARTITION FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH TWO LAYERS OF 5/8" TYPE "X" GYP. BD. EACH SIDE OF 3 5/8" X 20 GAUGE METAL STUDS AND R-13 SOUND ATTENUATION BATT INSULATION
- NEW FULL-HEIGHT PERIMETER TOILET PARTITION 3 5/8" X 20 GA. METAL STUDS @ 24" O.C.
- NEW INTERIOR CEILING-HEIGHT TOILET PARTITION 3 5/8" X 20 GA. METAL STUDS @ 24" O.C.
- NEW LOW PARTITION WITH TUBE STEEL SUPPORTS

MECHANICAL SECOND FLOOR PLAN - NORTH WING

SCALE: 1/8" = 1'-0"



KEY PLAN

NOTES:

DASHED LINES REPRESENT EXISTING DUCTS, EQUIPMENT, ETC.

"LIGHT TEXT" PERTAINS TO EXISTING DUCTS AND EQUIPMENT

"HEAVY TEXT" PERTAINS TO NEW DUCTS AND EQUIPMENT

CROSSHATCHED AREAS INDICATED "NIC" NO MECHANICAL WORK REQUIRED.

SEE MT24 SHEET FOR CORRESPONDING ZONE NUMBERS ON MCH-03 VENTILATION FORMS.

ALL NEW MEDIUM PRESSURE DUCTWORK SHALL HAVE A MINIMUM OF 1" LINING TO MATCH CONDITION OF EXISTING MEDIUM PRESSURE DUCTWORK. CONTRACTOR TO VERIFY CONDITION IN FIELD AND INCLUDE THE COST OF LINED DUCTWORK IN THEIR BID.

PLAN NOTES

1. 1"HHWS&R.
2. 1-1/4"HHWS&R.
3. INSULATED REFRIGERANT PIPING WRAPPED WITH RIGID ALUMINUM CLADDING AND ALUMINUM BANDS.
4. 3/8" AND 5/8" INSULATED REFRIGERANT PIPING DN TO FC-1 ON 1ST FLR. SEE M2.1 FOR CONT.
5. 12X12(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
6. 24X14(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
7. 34X16(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
8. 48X24(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
9. 3/8" AND 5/8" INSULATED REFRIGERANT PIPING UP TO CU-1 ON 1ST FLR. SEE M2.3 FOR CONT.
10. 12X12 EXH DUCT UP TO LOW ROOF ON 2ND FLOOR. SEE M2.3 FOR CONT.
11. EXTEND 84X24 RA INTAKE OPENING AS SHOWN.
12. PROVIDE THIRD POINT TURNING VANES FOR ALL RADIUS ELBOWS GREATER THAN 30" WIDE. SEE 14/M3.0 FOR DETAIL.
13. TUNNEL CONSTRUCTION THIS AREA FOR BUILDING RETURN AIR. SEE ARCHITECTURAL DRAWINGS.

DUCT BRACING

MECHANICAL CONTRACTOR SHALL OBTAIN THE SERVICES OF M.W. SAUSSE TO DESIGN DUCT SEISMIC BRACING INCLUDING CALCULATIONS AND DETAILS USING OPM-0203-13 OR "MASON" AND "B-LINE" OPM EQUAL. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.

pk:a
pk:architecture
5165 plaza drive - suite 110
cypress, california 90630
v 818.594-1005? f 818.594-1009
w: pkarchitecture.net

KEVIN A. SMOLA AND ASSOC, INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date

sheet title

MECHANICAL SECOND FLOOR PLAN - NORTH WING

drawn by	RG
project no	43098
date	2/25/20
scale	AS SHOWN

M2.2

WALL LEGEND

- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING SHELL, INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING BUILDING SHAFTS TO REMAIN.
- FURNITURE PARTITION SYSTEM BY TENANT. CONTRACTOR TO PROVIDE HARDWIRE HOOK-UP FOR ELEC./ TELE./ DATA, TYPICAL
- NEW FULL-HEIGHT SOUND PARTITION - ⅝" TYPE 'X' GYP. BD. EACH SIDE OF 3 ⅝" X 20 GA. METAL STUDS FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH R-13 SOUND ATTENUATION BATT INSULATION
- NEW PARTITION - ⅝" TYPE 'X' GYP. BD. EACH SIDE OF 3 ⅝" X 20 GA. METAL STUD FROM FINISH FLOOR TO 12" ABOVE ADJACENT CEILING WITH R-13 SOUND ATTENUATION BATT INSULATION
- NEW FULL-HEIGHT SOUND CONTROL PARTITION FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH TWO LAYERS OF ⅝" TYPE 'X' GYP. BD. EACH SIDE OF 5⅛" X 20 GAUGE METAL STUDS AND R-13 SOUND ATTENUATION BATT INSULATION
- NEW FULL-HEIGHT PERIMETER TOILET PARTITION 3⅝" X 20 GA. METAL STUDS @ 24" O.C.
- NEW INTERIOR CEILING-HEIGHT TOILET PARTITION 3⅝" X 20 GA. METAL STUDS @ 24" O.C.
- NEW LOW PARTITION WITH TUBE STEEL SUPPORTS

NOTES:

DASHED LINES REPRESENT EXISTING DUCTS, EQUIPMENT, ETC.

"LIGHT TEXT" PERTAINS TO EXISTING DUCTS AND EQUIPMENT

"HEAVY TEXT" PERTAINS TO NEW DUCTS AND EQUIPMENT

CROSSHATCHED AREAS INDICATED "NIC" NO MECHANICAL WORK REQUIRED.

SEE MT24 SHEET FOR CORRESPONDING ZONE NUMBERS ON MCH-03 VENTILATION FORMS.

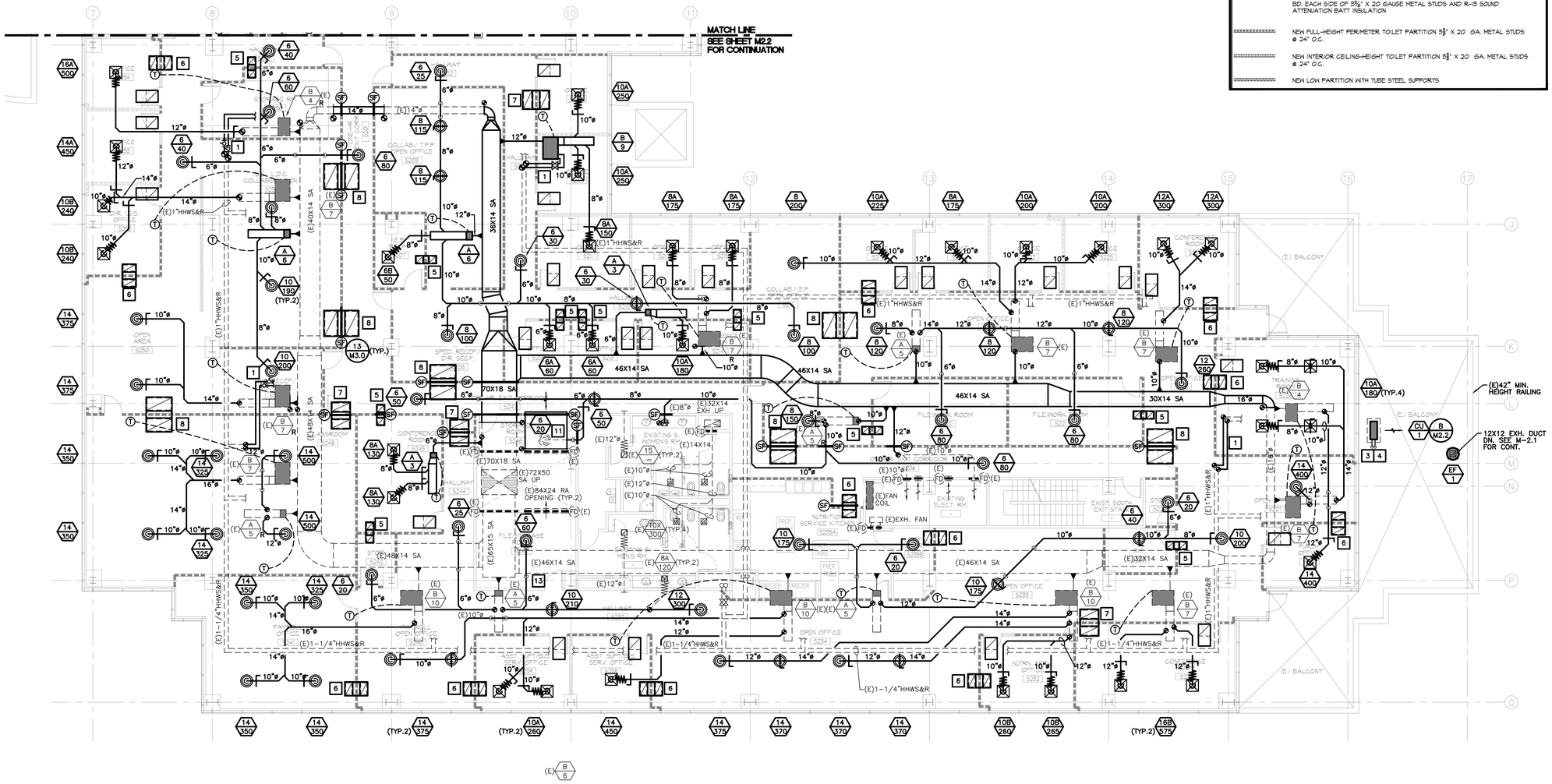
ALL NEW MEDIUM PRESSURE DUCTWORK SHALL HAVE A MINIMUM OF 1" LINING TO MATCH CONDITION OF EXISTING MEDIUM PRESSURE DUCTWORK. CONTRACTOR TO VERIFY CONDITION IN FIELD AND INCLUDE THE COST OF LINED DUCTWORK IN THEIR BID.

PLAN NOTES

1. 1"HHWS&R.
2. 1-1/4"HHWS&R.
3. INSULATED REFRIGERANT PIPING WRAPPED WITH RIGID ALUMINUM CLADDING AND ALUMINUM BANDS.
4. 3/8" AND 5/8" INSULATED REFRIGERANT PIPING DN TO FC-1 ON 1ST FLR. SEE M2.1 FOR CONT.
5. 12X12(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
6. 24X14(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
7. 34X16(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
8. 48X24(1"L) TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
9. 3/8" AND 5/8" INSULATED REFRIGERANT PIPING UP TO CU-1 ON 1ST FLR. SEE M2.3 FOR CONT.
10. 12X12 EXH DUCT UP TO LOW ROOF ON 2ND FLOOR. SEE M2.3 FOR CONT.
11. EXTEND 84X24 RA INTAKE OPENING AS SHOWN.
12. PROVIDE THIRD POINT TURNING VANES FOR ALL RADIUS ELBOWS GREATER THAN 30" WIDE. SEE 14/M3.0 FOR DETAIL.
13. TUNNEL CONSTRUCTION THIS AREA FOR BUILDING RETURN AIR. SEE ARCHITECTURAL DRAWINGS.

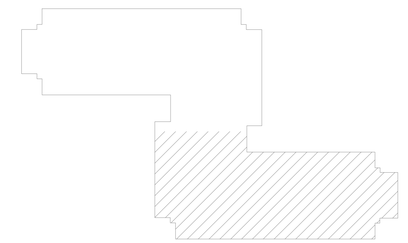
DUCT BRACING

MECHANICAL CONTRACTOR SHALL OBTAIN THE SERVICES OF M.W. SAUSSE TO DESIGN DUCT SEISMIC BRACING INCLUDING CALCULATIONS AND DETAILS USING OPM-0203-13 OR "MASON" AND "B-LINE" OPM EQUAL. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.



MECHANICAL SECOND FLOOR PLAN - SOUTH WING

SCALE: 1/8" = 1'-0"



KEY PLAN

pk:architecture
5 65 operation drive - suite 110
kipperville, california 91301
v. 818.594.1000 f. 818.594.1009
info@pkarchitecture.net

KEVIN A. SMOLA AND ASSOC, INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date

sheet title

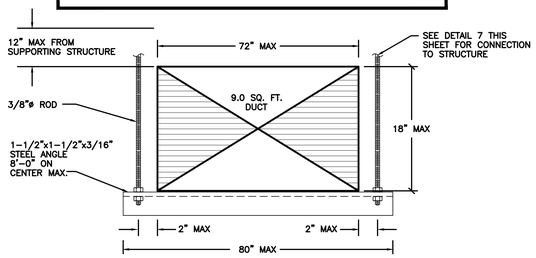
MECHANICAL SECOND FLOOR PLAN - SOUTH WING

drawn by	RG
project no	1903B
date	2/25/20
scale	AS SHOWN

M2.3

RECTANGULAR DUCT DESIGN NOTES:

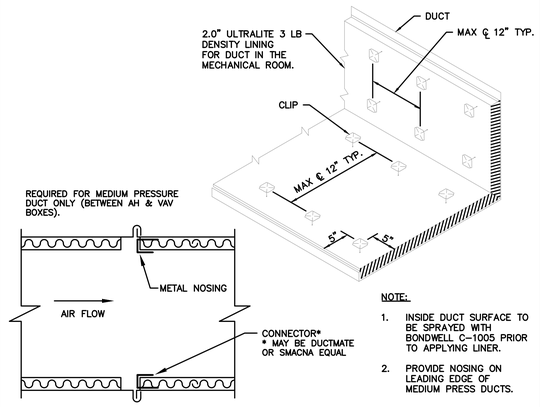
1. 144 LBS. HANGER LOAD @ 8'-0" O.C. SPACING.
2. 450 LBS. MAX ANGLE LOAD AT 3/8" DEFL.
3. 680 LBS. MAX ROD LOAD.
4. VALUES ARE WORST CASE SCENARIO.
5. HANGER IS NOT A SEISMIC BRACE. SEISMIC BRACING NOT REQUIRED PER CBC 1616A1.25 EXCEPTIONS 1.b AND 2.
6. MAXIMUM DUCT WEIGHT BASED ON 72"x18"x20GA. DUCT (14.9 #/FT) + 1" OF INSULATION WRAP @ 2.25#/CU. FT. (2.0#/FT) = 18 #/FT



RECTANGULAR DUCT SUPPORT DETAIL

RECTANGULAR DUCT HANGER DETAIL

SCALE: NONE | 15

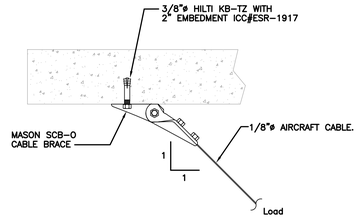


NOTE:

1. INSIDE DUCT SURFACE TO BE SPRAYED WITH BONDWELL C-1005 PRIOR TO APPLYING LINER.
2. PROVIDE NOSING ON LEADING EDGE OF MEDIUM PRESS DUCTS.

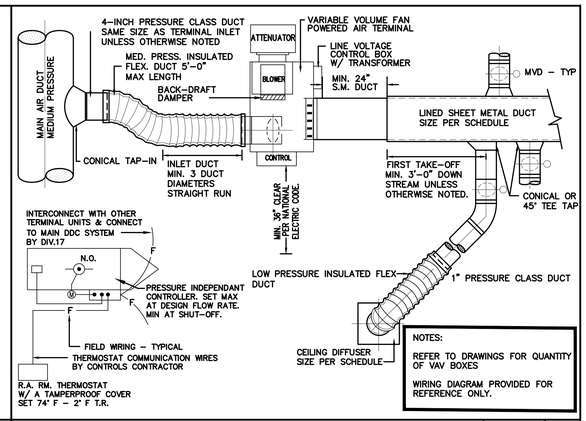
DUCT LINING AND NOSING DETAIL

SCALE: NONE | 12



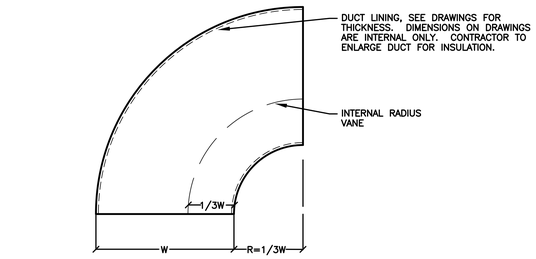
BRACE CONNECTION DETAIL

SCALE: NONE | 8



EXTERIOR ZONE VAV BOX DETAIL

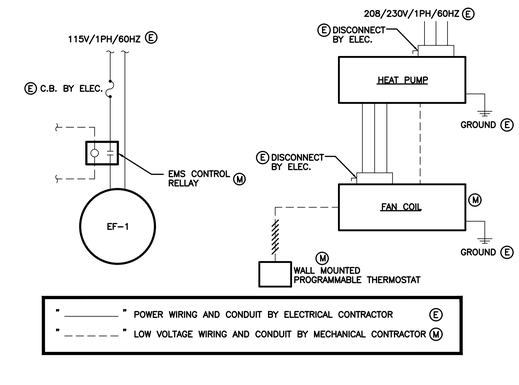
SCALE: NONE | 4



REQUIRED FOR MEDIUM PRESSURE DUCT ONLY (BETWEEN AH & VAV BOXES).

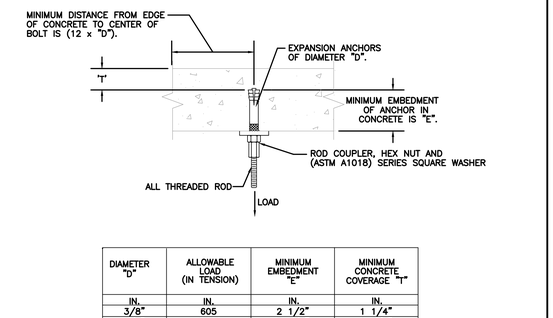
THIRD POINT RADIUS ELBOW

SCALE: NONE | 14



WIRING DIAGRAMS

SCALE: NONE | 11

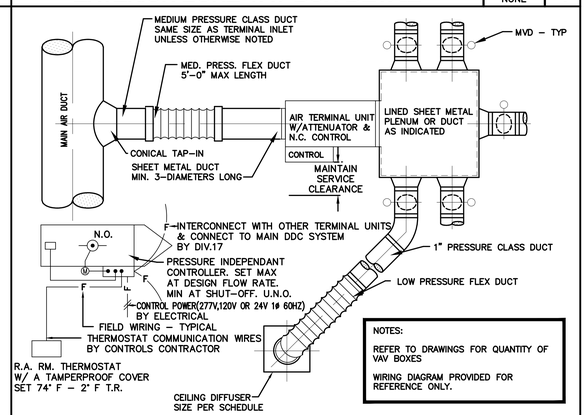


DIAMETER "D"	ALLOWABLE LOAD (IN TENSION)	MINIMUM EMBEDMENT "E"	MINIMUM CONCRETE COVERAGE "T"
IN.	IN.	IN.	IN.
3/8"	605	2 1/2"	1 1/4"
1/2"	1000	3 1/2"	1 3/4"
5/8"	1335	4"	2"
3/4"	1940	4 3/4"	2 3/8"

*HILTI KB TZ IN 3000 PSI (20.7 MPA) MINIMUM NORMAL WEIGHT CONCRETE.

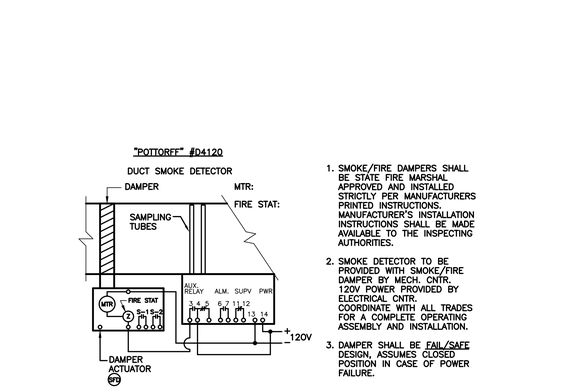
HANGER ANCHORING DETAIL

SCALE: NONE | 7

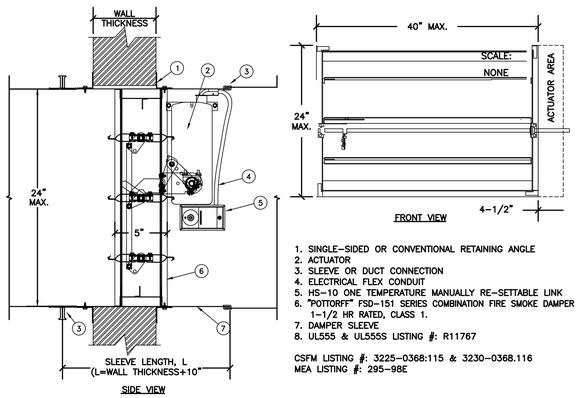


INTERIOR ZONE VAV BOX DETAIL

SCALE: NONE | 3



1. SMOKE/FIRE DAMPERS SHALL BE STATE FIRE MARSHAL APPROVED AND INSTALLED STRICTLY PER MANUFACTURERS PRINTED INSTRUCTIONS. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE MADE AVAILABLE TO THE INSPECTING AUTHORITIES.
2. SMOKE DETECTOR TO BE PROVIDED WITH SMOKE/FIRE DAMPER BY MECH. CNTR. 120V POWER PROVIDED BY ELECTRICAL CNTR. COORDINATE WITH ALL TRADES FOR A COMPLETE OPERATING ASSEMBLY AND INSTALLATION.
3. DAMPER SHALL BE FAIL/SAFE DESIGN, ASSUMES CLOSED POSITION IN CASE OF POWER FAILURE.

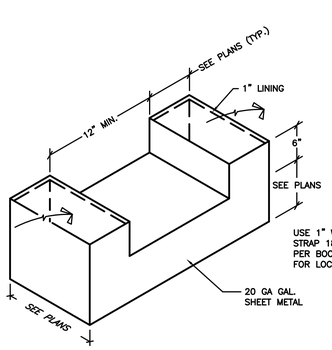


1. SINGLE-SIDED OR CONVENTIONAL RETAINING ANGLE
2. ACTUATOR
3. SLEEVE OR DUCT CONNECTION
4. ELECTRICAL FLEX CONDUIT
5. HS-10 ONE TEMPERATURE MANUALLY RE-SETTABLE LINK
6. "POTTORFF" FSD-151 SERIES COMBINATION FIRE SMOKE DAMPER 1-1/2 HR RATED, CLASS 1.
7. DAMPER SLEEVE
8. UL555 & UL555S LISTING #: R11767

CSFM LISTING #: 3225-0368:115 & 3230-0368.116
MEA LISTING #: 295-98E

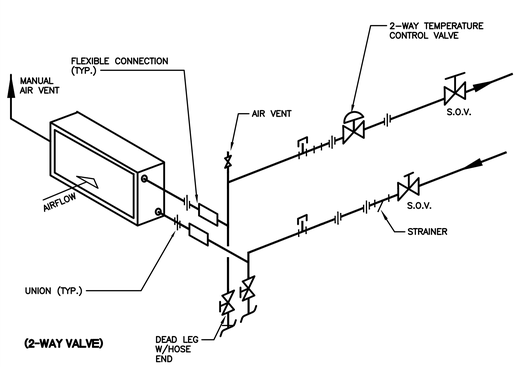
COMBINATION SMOKE/FIRE DAMPER DETAIL

SCALE: NONE | 13



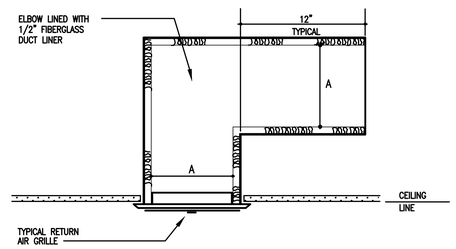
TRANSFER BOOT DETAIL

SCALE: NONE | 10



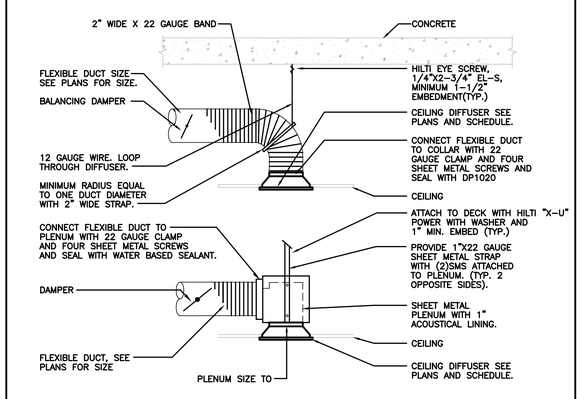
REHEAT COIL CONNECTION DETAIL

SCALE: NONE | 9



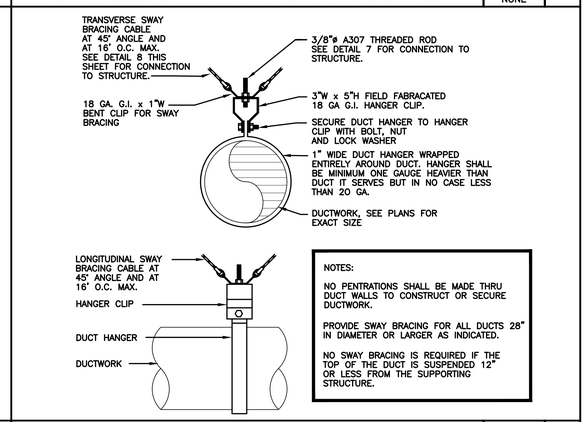
RETURN AIR BOOT DETAIL

SCALE: NONE | 5



DIFFUSER DUCT CONNECTOR DETAIL

SCALE: NONE | 2



ROUND DUCT HANGER DETAIL

SCALE: NONE | 1

pk:architecture
5185 Campus Drive - Suite 100
Irvine, California 92612
v 949.854.0057 f 949.854.0059
www.pkarchitecture.net

KEVIN A. SMOLA AND ASSOC., INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date

sheet title

MECHANICAL DETAILS

drawn by: RC
project no: 43098
date: 2/25/20
scale: AS SHOWN

M3.0

NONE | SCALE: NONE | 12

NONE | SCALE: NONE | 11

NONE | SCALE: NONE | 10

NONE | SCALE: NONE | 9

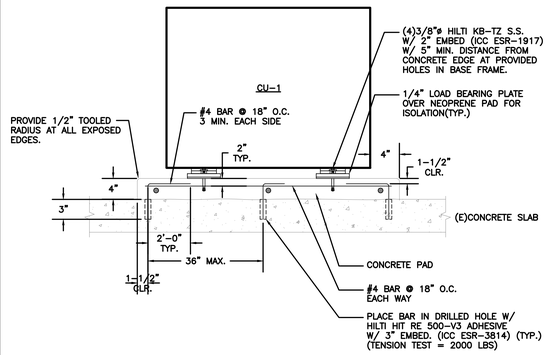
NONE | SCALE: NONE | 8

NONE | SCALE: NONE | 7

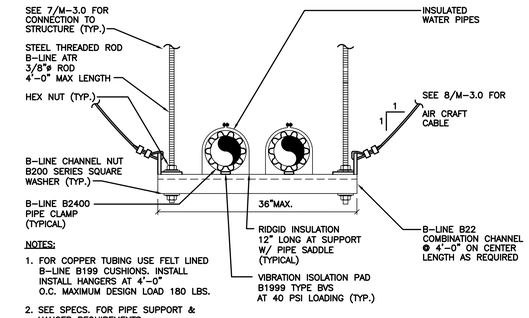
NONE | SCALE: NONE | 6

NONE | SCALE: NONE | 5

NONE | SCALE: NONE | 4

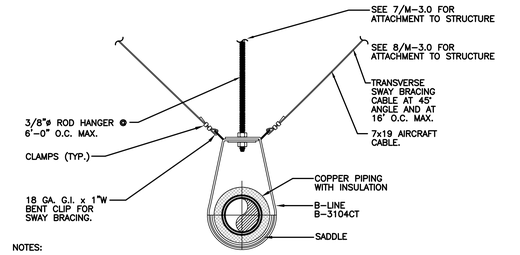


CU-1 MOUNTING DETAIL | SCALE: NONE | 3



NOTES:

1. FOR COPPER TUBING USE FELT LINED B-LINE B199 CUSHIONS. INSTALL INSTALL HANGERS AT 4'-0" O.C. MAXIMUM DESIGN LOAD 180 LBS.
2. SEE SPECS. FOR PIPE SUPPORT & HANGER REQUIREMENTS.



NOTES:

1. FOR COPPER TUBING USE FELT LINED B3690F OR PLASTIC COATED B3690C HANGERS. INSTALL HANGERS AT 6'-0"O.C. MAXIMUM DESIGN LOAD 180 LBS.
2. MAXIMUM DESIGN LOAD = 3/4" COPPER FILLED WITH WATER: 0.8 LBS./FT.

NOTES:
1. CABLES TO BE INSTALLED 1/4" SLACK.
2. CABLE IS 7 X 19 AIRCRAFT CABLE.

PIPING HANGER DETAIL | SCALE: NONE | 2

NOTES:

3M FIRE BARRIER PRODUCTS:
CALIFORNIA STATE FIRE MARSHALL LISTING NO. 4485-941:100

UNINSULATED PIPE:

U.L. DESIGN NO. WL1001 (STUD WALL)

INSULATED PIPE:

U.L. DESIGN NO. WL5001 (STUD WALL)

SPECIFICATIONS:

PENETRATIONS IN FIRE RESTRICTIVE WALLS, PARTITIONS AND FLOORS WHERE PROTECTED OPENINGS ARE REQUIRED SHALL BE FIRE STOPPED USING APPROVED MATERIALS, SECURELY INSTALLED AND CAPABLE OF MAINTAINING THEIR INTEGRITY AND PREVENTING THE MOVEMENT OF FLAMES AND/OR GASES THROUGH THE VOID SPACES BETWEEN PENETRATING MATERIALS AND WALLS, PARTITIONS AND FLOORS WHEN TESTED IN ACCORDANCE WITH ASTM STANDARD E-814 OR UL STANDARD 1479

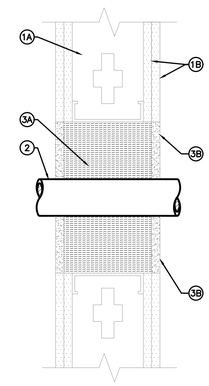
PROVIDE DESIGN DETAILS ON DRAWINGS DEPICTING APPROVED (LISTED) METHODS AND MATERIALS USED TO PROTECT PENETRATIONS WALLS, PARTITIONS AND FLOORS.

DESIGNS ARE LISTED BY UNDERWRITER'S LABORATORIES (FIRE RESISTANCE DIRECTORY) AND THE CALIFORNIA STATE FIRE MARSHALL (BUILDING MATERIAL LISTINGS). SPECIFIC DESIGN INFORMATION IS AVAILABLE FROM U.L CSFM OR THE PRODUCT MANUFACTURER.

FIRESTOP CONFIGURATION

1. WALL ASSEMBLY – THE 1 OR 2 HOUR FIRE-RATED GYPSUM WALLBOARD/ STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
   A. STUDS – WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4" LUMBER SPACED 16" OC. STEEL STUDS TO BE MIN 3-1/2" WIDE AND SPACED MAX 24" OC FOR 1 HOUR RATED WALLS. STEEL STUDS TO BE MIN. 2-1/2" WIDE AND SPACED MAX 24" OC FOR 2 HOUR RATED WALLS.
   B. GYPSUM BOARD – ONE OR TWO LAYERS OF NOM 5/8" THICK GYPSUM WALLBOARD, AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. MAX AREA OF OPENING IS 585 SQ. IN. WITH MAX DIMENSIONS OF 21" WIDE BY 27-7/8" HIGH.

   THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE HOURLY RATING OF THE WALL.
2. THROUGH-PENETRANTS – METALLIC PIPE, CONDUIT OR TUBING INSTALLED WITHIN THE FIRESTOP SYSTEM. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES OF PIPE, CONDUIT OR TUBING MAY BE USED.
   A. STEEL PIPE – NOM 4" IN DIAMETER (OR SMALLER) SCHEDULE 5 (OR HEAVIER) STEEL PIPE.
   B. COPPER TUBING – NOM 3" IN DIAMETER (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.
   C. COPPER PIPE – NOM 3" IN DIAMETER (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.
   D. CONDUIT – NOM 4" IN DIAMETER (OR SMALLER) ELECTRICAL METALLIC TUBING (EMT) OR STEEL CONDUIT.
3. FIRESTOP SYSTEM – THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING.
   A. PACKING MATERIAL – MIN. 4" THICKNESS OF MIN. 4 PCF MINERAL WOOL BATT INSULATION PACKED AT 50 PERCENT COMPRESSION INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
   B. FILL, VOID, OR CAVITY MATERIAL – SEALANT – MIN 3/8" THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULAR SPACE BETWEEN THE PIPE COVERING AND THE PERIPHERY OF THE OPENING, FLUSH WITH BOTH SURFACES OF WALL. 3M COMPANY – FB-1000 NS OR FB-3000 WT.



PIPE THRU RATED WALL (UL-W-L-8022) | SCALE: NONE | 1

pk:a
pk:architecture
SITE planning group - suite 103
agoura hills, california 91301
v 818.594-0007 f 818.594-0010
w: pkarchitecture.net

KEVIN A. SMOLA AND ASSOC, INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date

sheet title

MECHANICAL DETAILS

drawn by: RC
project no: 43098
date: 2/25/20
scale: AS SHOWN

M3.1

SYMBOLS/ABBREVIATIONS/DEFINITIONS

SYMBOL	ABBREV.	DEFINITION
//////////	DEMO	DEMOLISH
—ICW—	ICW	INDUSTRIAL COLD WATER
— – —	CW	COLD WATER
— – —	HW	HOT WATER
— – – –	HWR	HOT WATER RETURN
— — —	S (OR) W	SEWER OR WASTE ABOVE GRADE
— — —	S (OR) W	SEWER OR WASTE BELOW GRADE
– – – –	V	VENT
— D —	D	INDIRECT DRAIN
— SD —	SD	STORM DRAIN ABOVE GRADE
— SD —	SD	STORM DRAIN BELOW GRADE
— G —	G	GAS – LOW PRESSURE
— MG —	MG	GAS – MEDIUM PRESSURE
— N2 —	N2	NITROGEN
— CA —	CA	COMPRESSED AIR
— DI —	DI	DEIONIZATION
— O2 —	O2	OXYGEN
— VAC —	VAC	VACUUM
— F —	F	FIRE PROTECTION SUPPLY
— CSP —	CSP	COMBINATION STANDPIPE
— AS —	AS	AUTOMATIC FIRE SPRINKLERS
— SPD —	SPD	SUMP PUMP DISCHARGE
— SED —	SED	SEWAGE EJECTOR DISCHARGE
— FOS —	FOS	FUEL OIL SUPPLY
— FOR —	FOR	FUEL OIL RETURN
– – FOV – –	FOV	FUEL OIL VENT
	GV	GATE VALVE
	GLV	GLOBE VALVE
	BLV	BALL VALVE
	ANV	ANGLE VALVE
	CV	SWING CHECK VALVE
	NCV	NON–SLAM CHECK VALVE
	BC	BALANCING COCK
PRV	PRV	PRESSURE REDUCING VALVE
	PTR	PRESSURE–TEMPERATURE RELIEF VALVE
BFP	BFP	BACKFLOW PREVENTER
	GC	GAS COCK, GAS STOP
	FHV	FIRE HOSE VALVE
	FHC	FIRE HOSE CABINET (SURFACE MOUNTED)
	FHC	FIRE HOSE CABINET (RECESSED)
	FS	FLOW SWITCH
	PS	PRESSURE SWITCH
	DN	RISER DOWN
		RISER UP
		RISE OR DROP
		VALVE IN RISER
	WCO	WALL CLEANOUT
	CO	CLEANOUT PLUG
	FCO	FOOR CLEANOUT, CLEANOUT TO GRADE
		CAP OR PLUG ON END OF PIPE
	HB	HOSE BIBB
	WHA	WATER HAMMER ARRESTOR
RO	RO	REVERSE OSMOSIS WATER
	POC	POINT OF CONNECTION
4 / P1.01		DETAIL TOP – I.D. NUMBER REFERENCE BOTTOM – SHEET NUMBER
	IE	INVERT ELEVATION
	HDR	HEADER
	FU	PLUMBING FIXTURE UNIT
	SPO	SOIL PLUGGED OUTLET
	VCO	VENT CAPPED OUTLET
	FPC	FIRE PROTECTION OUTLET
	SCW	SOFT COLD WATER

ABBREV/DEFINITIONS

ABBREV.	DEFINITION
A	AIR
ABV	ABOVE
AD	ACCESS DOOR
AP	ACCESS PANEL
ARCH	ARCHITECT
AW	ACID WASTE
BEL	BELOW
BLDG	BUILDING
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
C	COLD AIR
CA	COMPRESSED AIR
CD	CONDENSATE
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CI	CAST IRON
CLG	CEILING
CL	CENTER LINE
COMP	COMPRESSOR
CONC	CONCRETE
CONT	CONTINUATION
DET	DETAIL
DI	DEIONIZATION
DIA	DIAMETER
DN	DOWN
DR	DRAIN
DRWG	DRAWING
DSP	DRY STANDPIPE
EL	ELEVATION
ENCL	ENCLOSURE
EQUIP	EQUIPMENT
EXH	EXHAUST
EXIST	EXISTING
FD	FIRE DAMPER
FG	FLOOR GRILLE
FHC	FIRE HOSE CABINET
FIN	FINISH
FLR	FLOOR
FPF	FINS PER FOOT
FSP	FIRE SERVICE PIPE
FS	FLOOR SINK
G	GAS
GALV	GALVANIZED
GPM	GALLONS PER MINUTE
GR	GRADE
H	HOT AIR
IE	INVERT ELEVATION
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER
MD	MOTORIZED DAMPER
MIN	MINIMUM
MECH	MECHANICAL
N2	NITROGEN
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
OPNG	OPENING
OX	OXYGEN
FA	FRESH AIR
PD	PLANTER DRAIN
PLBG	PLUMBING
POC	POINT OF CONNECTION
RD	ROOF DRAIN
SCR	SCREEN
SCW	SOFT COLD WATER
SD	STORM DRAIN
SM	SHEET METAL
TEMP	TEMPERATURE
TP	TRAP PRIMER
TYP	TYPICAL
TW	TEMPERED WATER
VAC	VACUUM
VD	VOLUME DAMPER
VTR	VENT THROUGH ROOF
WSP	WET STANDPIPE

GENERAL NOTES

1. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH ALL CALIFORNIA STATE, LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.
2. BEFORE STARTING ANY WORK, VERIFY THE ADEQUACY, LOCATION OF UTILITIES AT POINTS OF CONNECTION, SIZE AND AVAILABILITY OF ALL UTILITIES CONCERNED, INCLUDING SEWER INVERT ELEVATIONS AND WATER PRESSURE BEFORE START OF ANY WORK CONTRACTOR IS TO OBTAIN THE SERVICES OF A PIPE LOCATION COMPANY TO VERIFY ANY PIPE LOCATIONS FOR CONNECTIONS TO BE MADE
3. THE WORK FOR THIS PROJECT INVOLVES ADDITIONS TO AND ALTERATIONS OF THE EXISTING BUILDING TO ACHIEVE THE ARRANGEMENT INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL VISIT THE JOBSITE TO DETERMINE THE EXTENT OF WORK REQUIRED BY THE CONSTRUCTION ACTIVITIES. THE ARCHITECTURAL DRAWINGS FOR THESE AREAS SHOW THE CHANGES TO BE MADE. THE CONTRACTOR SHALL REVISE, REARRANGE, RE–ROUTE OR REMOVE EXISTING PIPING AS INDICATED TO ACCOMMODATE THE CHANGES AND ADDITION SHOWN TO PROVIDE CONTINUING SERVICE FOR THOSE EXISTING PORTIONS OF THE PROJECT WHICH ARE TO REMAIN IN OPERATIONS.
4. ALL WORK THAT INVOLVES A SHUT–DOWN OF EXISTING BUILDING UTILITIES OR PORTIONS THEREOF, SHALL BE DONE AT SUCH TIMES AS WILL CAUSE THE LEAST INCONVENIENCE TO THE BUILDING'S ACTIVITIES, OR AT THE APPROVAL OF THE ARCHITECT. THE EXACT TIME AND LENGTH OF SHUT–DOWN SHALL BE ARRANGED WITH THE ARCHITECT OR THE BUILDING ENGINEER AT LEAST SEVEN (7) DAYS BUT NOT MORE THAN THIRTY FIVE (35) DAYS IN ADVANCE OF THE REQUIRED SHUT–DOWN.
5. DRAWINGS INDICATE SIZE AND TERMINATION OF PIPING AND SUGGEST PROPER ROUTES OF PIPING TO CONFORM TO THE STRUCTURE TO AVOID OBSTRUCTION AND TO PRESERVE CLEARANCE. IT IS NOT THE INTENTION TO INDICATE ALL NECESSARY OFFSETS AND IT SHALL BE THE RESPONSIBILITY UNDER THIS SECTION TO INSTALL PIPING IN SUCH A MANNER AS TO CONFORM TO STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM, KEEP OPENINGS AND PASSAGEWAYS CLEAR AND MAKE ALL EQUIPMENT REQUIRING INSPECTION, MAINTENANCE AND REPAIR ACCESSIBLE WITH OUT FURTHER INSPECTIONS OR EXTRA COST.
6. CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES FOR CLEARANCES AND WORK INCLUDED PRIOR TO START OF WORK.
7. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT PLUMBING FIXTURES AND EQUIPMENT LOCATIONS.
8. CLEANOUTS SHALL BE INSTALLED PER LATEST CPC CODE SECTIONS.
9. PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED. FIRE STOPPING SHALL BE AN APPROVED MATERIAL AS PRESCRIBED IN STATE FIRE MARSHAL STANDARD 43–1, AND SHALL BE U.L.
10. ALL FIXTURES SHALL BE PROTECTED DURING CONSTRUCTION FROM ANY DAMAGE. REFINISHED FIXTURES WILL NOT BE ACCEPTABLE UNDER ANY CONDITIONS.
11. DRAWINGS AND SPECIFICATIONS GOVERN WHERE THEY EXCEED CODE REQUIREMENTS.
12. ALL PLUMBING FIXTURES AND EQUIPMENT SHALL HAVE ISOLATING VALVES ON WATER SUPPLY LINES.
13. PROVIDE ACCESS DOORS TO ALL CONCEALED VALVES.
14. PROVIDE STOP VALVES FOR ALL FIXTURES.

PIPE MATERIALS

1. DOMESTIC WATER PIPE SHALL BE COPPER TYPE L (ABV.GROUND) TYPE K.(BELOW GROUND)
2. WASTE AND VENT PIPING SHALL BE CAST IRON NO–HUB WITH STAINLESS STEEL COUPLINGS.
3. REFER TO SPECIFICATIONS FOR ASSOCIATED FITTINGS METHODS, AND JOINING METHODS.
4. CONDENSATE PIPING SHALL BE INSULATED TYPE M COPPER.

LEAD FREE ORDINANCE

ALL FIXTURES, MATERIALS ETC IN DOMESTIC WATER SYSTEM SHALL COMPLY WITH LEAD FREE ORDINANCE. MANUFACTURER SHALL INCLUDE CLEAR STATEMENT WITH EACH SUBMITTAL.

GREEN BUILDING CODE

1. PLUMBING FIXTURES AND FITTINGS SHALL MEET THE STANDARDS REFERENCED IN TABLE 5.303.6
2. PLUMBING FIXTURES AND FITTING SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE, AND SHALL MEET THE APPLICABLE STANDARDS REFERENCED IN TABLE 1701.1 OF THE 2016 CALIFRONIA PLUMBING CODE AND IN CHAPTER 6 OF THIS CODE.
3. NEW PLUMBING FIXTURES AND FITTINGS SHALL NOT EXCEED THE MAXIMUM ALLOWABLE FLOW RATE SPECIFIED IN TABLE 10.303.2.3 (10.303.2)

GOVERNING CODES

2016 CALIFORNIA ADMINISTRATIVE CODE, TITLE 24 PART 1
2016 CALIFORNIA BUILDING CODE, TITLE 24 PART 2
(INCLUDES THE CALIFORNIA HISTORICAL BUILDING CODE,
PART 8 AND CALIFORNIA EXISTING BUILDING CODE, PART 10)
2016 CALIFORNIA ELECTRICAL CODE, TITLE 24 PART 3
2016 CALIFORNIA MECHANICAL CODE, TITLE 24, PART 4
2016 CALIFORNIA PLUMBING CODE, TITLE 24, PART 5
2016 CALIFORNIA FIRE CODE, TITLE 24 PART 9
2016 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24 PART 12

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	WASTE	TRAP	VENT	COLD WATER	HOT WATER	REMARKS
WC 1	WATER CLOSET (FLUSH VALVE, ADA)	4	INTEGRAL	2	1–1/2	–	WALL MOUNTED "AMERICAN STANDARD", AFWALL #3351.101, 16–1/2" HIGH ELONGATED TOILET, CHURCH 9500 SEAT, "SLOAN" #8111–1.28 CHROME FLUSH VALVE, BATTERY OPERATED (1.28 GPF)
WC 2	WATER CLOSET (FLUSH VALVE)	4	INTEGRAL	2	1–1/2	–	WALL MOUNTED "AMERICAN STANDARD", AFWALL #3351.101, 15" HIGH ELONGATED TOILET, CHURCH 9500 SEAT, "SLOAN" #8111–1.28 CHROME FLUSH VALVE, BATTERY OPERATED (1.28 GPF)
UR 1	URINAL (FLUSH VALVE, ADA)	2	–	1–1/2	1–1/2	–	"SLOAN" #WEUS–1000.1401, WITH "AMERICAN STANDARD" SELECTRONIC FLUSH VALVE BATTERY POWERED (TOP SPUD). 0.125 GPF. PROVIDE CLEANOUT ABOVE FIXTURE CONNECTION FITTING PER CPC 707.4.
LAV 1	LAVATORY (ADA)	2	1–1/4X1–1/2	1–1/2	1/2	1/2	"AMERICAN STANDARD" LUCERNE #0355.012 WALL–HUNG LAVATORY WITH "AMERICAN STANDARD" INNSBROOK #6055.204 FAUCET: SENSOR ACTIVATED (BATTERY POWERED), THERMOSTATIC MIXING VALVE 605XTMV1070, 0.5 GPM MAX.
S 1	SINK (ADA)	2	1–1/4X1–1/2	1–1/2	3/4	3/4	TOP MOUNT "ELKAY" PACEMAKER STAINLESS STEEL SINGLE BOWL, 3 HOLES 4" ON CENTER, WITH "DELTA" #27C1934 LOW LEAD GOOSENECK FAUCET, SWING SPOUT, BRASS BODY, LESS SPRAYER, 3" LEVERS, 1.5 GPM MAX.
S 2	DOUBLE COMPARTMENT SINK (ADA)	2	1–1/4X1–1/2	1–1/2	3/4	3/4	TOP MOUNT "ELKAY" #LR3321 STAINLESS STEEL SINK, 3 HOLES 4" ON CENTER, WITH "DELTA" #27C1934 LOW LEAD GOOSENECK FAUCET, SWING SPOUT, BRASS BODY, LESS SPRAYER, 3" LEVERS, 1.5 GPM MAX.
FS 1	FLOOR SINK	2	2	2	–	–	J.R. SMITH 3100.
FD 1	FLOOR DRAIN	2	2	1–1/2	1/2	–	J.R. SMITH 2005 WITH TRAP PRIMER CONNECTION, VANDAL PROOF TOP, AND HEAL PROOF GRATE. 1/4" MAX GRATE OPENINGS IN ALL DIRECTIONS.
TP 1	TRAP PRIMER	–	–	–	1/2	–	"PPP" PRIME RITE SERIES, LOW LEAD. PROVIDE "PPP" MODEL: PR–500 WITH DU–U DISTRIBUTION UNIT FOR MULTIPLE TRAPS.

ELECTRIC WATER HEATER SCHEDULE

SYMBOL	LOCATION	MODEL	OPER. TEMP.	KW	VOLT	PHASE	AMPS	WRKNG. PRESS	OPER. WEIGHT	REMARKS
WH 1	SEE PLANS	EEMAX SP60	105°	6.0	277	1	22	150	4	UL APPROVED, 0.7 GPM ACTIVATION, WALL MOUNTED, UL APPROVED, NSF 61 SECTION 9 COMPLIANT, AND ADA COMPLIANT.
WH 2	SEE PLANS	EEMAX SP60	105°	6.0	277	1	22	150	4	UL APPROVED, 0.7 GPM ACTIVATION, WALL MOUNTED, UL APPROVED, NSF 61 SECTION 9 COMPLIANT, AND ADA COMPLIANT.

PUMP SCHEDULE

SYMBOL	TYPE	LOCATION	MAKE	SERVICE	MODEL	TYPE	GPM	HEAD (FT)	WRKNG. PRESS	AMPS	VOLT	PHASE	RPM	OPER. WEIGHT	REMARKS
CP 1	CONDENSATE PUMP	RM 109	LITTLE GIANT	CONDENSATE REMOVAL	EC–1	INLINE	1.8 (GPH)	5.0	–	0.5	115	1	2940	2	MOUNT PUMP ON WALL. PLACE RESERVOIR INSIDE OF FAN COIL. PROVIDE A DIRECT ELECTRICAL CONNECTION. INSTALL PER MANUFACTURER'S INSTALLATION MANUAL.
CP 2	CONDENSATE PUMP	EXISTING ELECT. RM.	LITTLE GIANT	CONDENSATE REMOVAL	EC–1	INLINE	1.8 (GPH)	5.0	–	0.5	115	1	2940	2	

SCOPE OF WORK

TENANT IMPROVEMENT IN AN EXISTING OFFICE BUILDING. RESTROOM EXPANSION ON THE FIRST FLOOR – SOUTHERN WING, TWO ADDITIONAL SINKS ON THE SECOND FLOOR – ONE IN THE NORTH WING AND A SECOND IN THE SOUTH WING, AND ONE NEW SINK ON FIRST FLOOR – NORTH WING. CONNECT TO EXISTING PLUMBING UTILITIES AS INDICATED. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK INCLUDE SLOPE TO WASTE AND VENT POINTS OF CONNECTION. NOTIFY THE ARCHITECT OF ANY ISSUES PRIOR TO BEGINNING WORK. COORDINATE WITH ALL TRADES FOR PIPE ROUTING.

SHEET INDEX

P0.1	PLUMBING LEGENDS, SCHEDULES AND NOTES
P1.0	PLUMBING OVERALL FLOOR PLANS
P2.0	PLUMBING ENLARGED PLANS
P2.1	PLUMBING ENLARGED PLANS
P3.0	PLUMBING DETAILS

WATER HAMMER ARRESTOR SCHEDULE

PCN/ FIG. NO.	PCN/ FIG. NO.	FIXTURE UNIT RATING	A SIZE	B	C
5005	A	1–11	3/4	4	3
5010	B	12–32	1	5	3
5020	C	33–60	1	6	3
5030	D	61–113	1	7	3
5040	E	114–154	1	8	3
5050	F	155–330	1	9	3

JAY R. SMITH MANUFACTURER CO.
SIZE WHA PER SCHEDULE, LOCATIONS PER DRAWINGS. STAINLESS STEEL LEAD FREE.

PIPE SIZE CHART

	COLD WATER		HOT WATER
SIZE	FLUSH TANK	FLUSH VALVE FU	FLUSH TANK
1/2	1	–	1
3/4	6	–	6
1	13	–	15
1 1/4	26	–	26
1 1/2	51	12	46
2	175	76	119
2 1/2	406	270	245

NOTE: CHART BASED ON MAX. 8 FPS., HW–5 FPS. AND/OR 3.4 PSI/100 FT LOSS

pk:architecture
Side standard drive | suite 101
agoura hills, california 91301
v. 818 594 0057 f. 818 594 0013
w. pkarchitecture.net

KEVIN A. SMOLA AND ASSOC. INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585–9338 FAX(626)585–0864

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

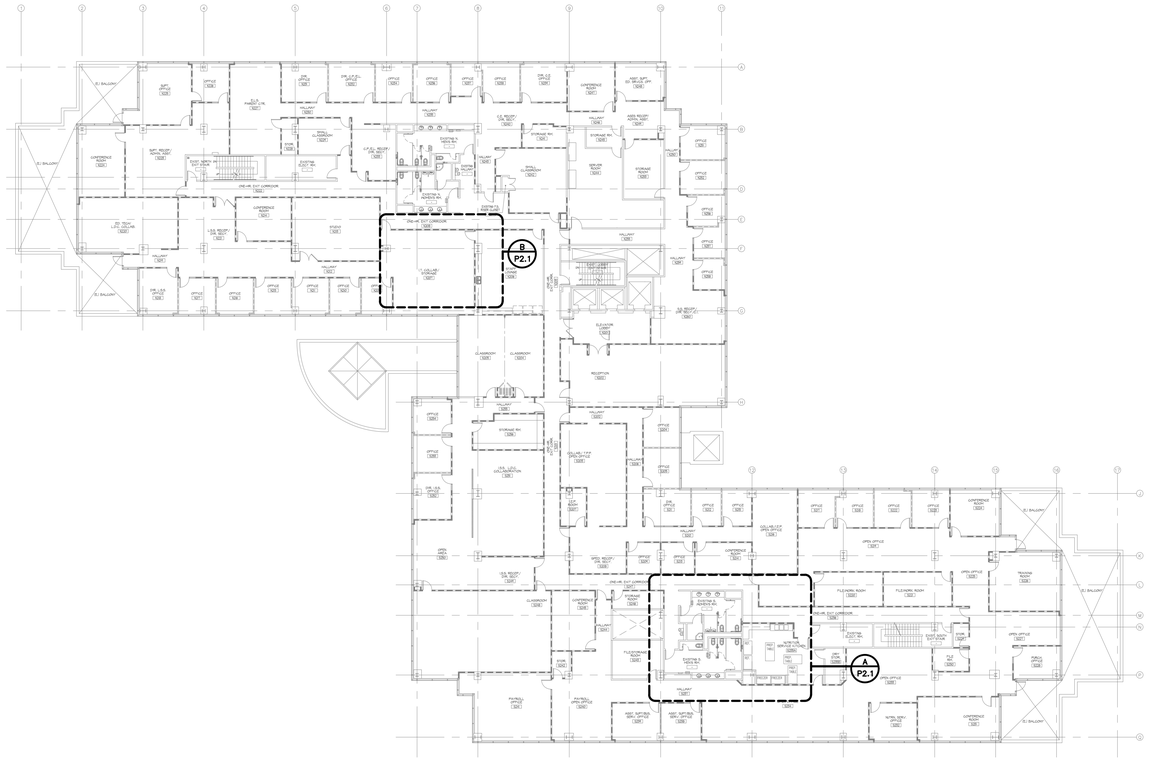
△	remarks	date

sheet title

PLUMBING LEGENDS, NOTES, AND SCHEDULES

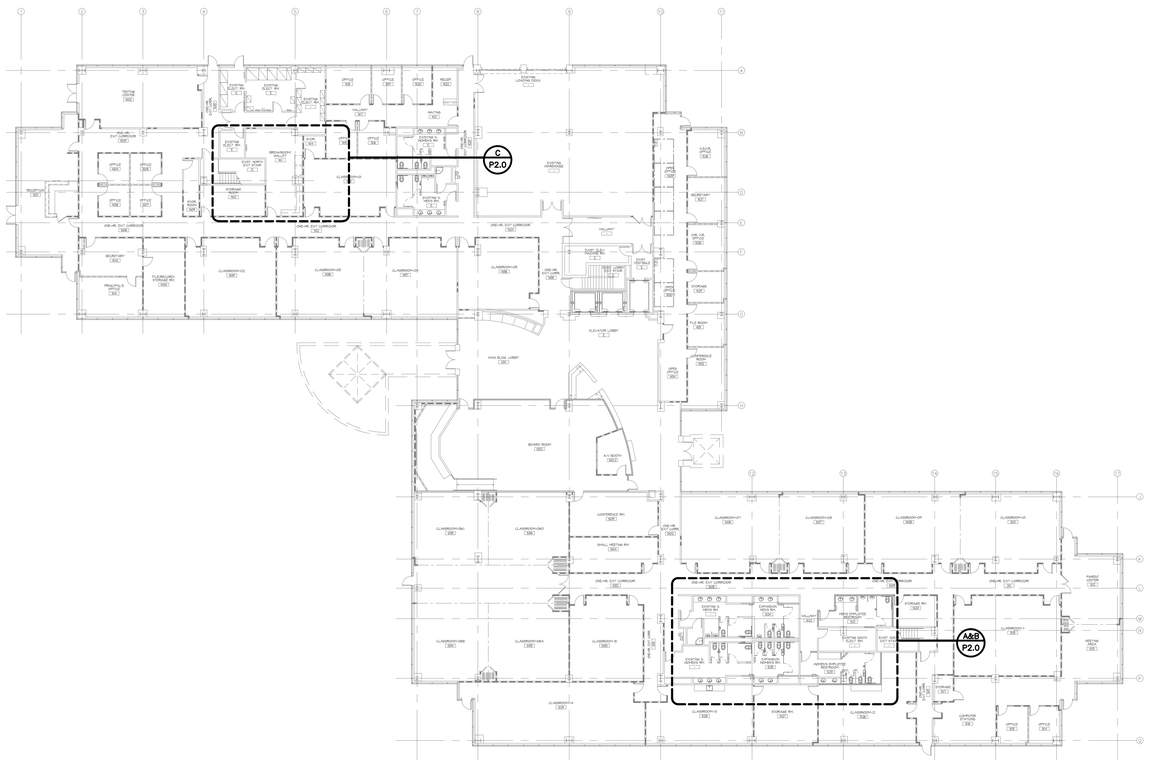
drawn by: RC
project no: 43098
date: 2/25/20
scale: AS SHOWN

P0.1



PLUMBING OVERALL SECOND FLOOR PLAN

SCALE: NONE



PLUMBING OVERALL FIRST FLOOR PLAN

SCALE: NONE

pk:a
pk:architecture
Side planters drive - suite 100
laguna hills, california 92653
v. 949.594.0057 f. 949.594.0093
w. pkarchitecture.net

KEVIN A. SMOLA AND ASSOC.,INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

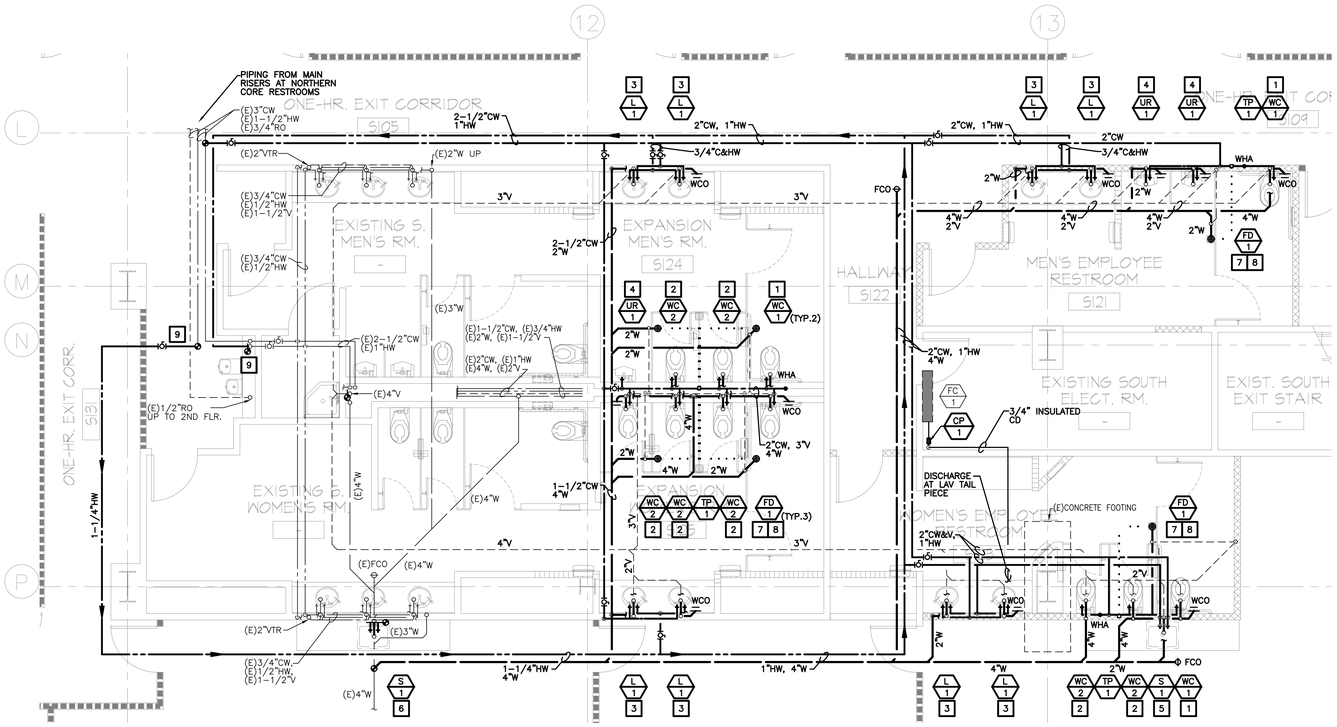
△	remarks	date

sheet title

PLUMBING OVERALL FLOOR PLANS

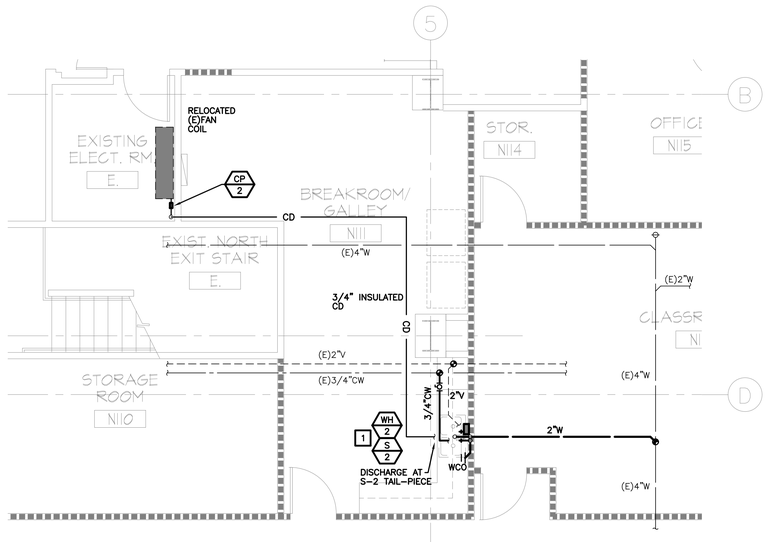
drawn by	AG
project no	43098
date	2/25/20
scale	AS SHOWN

P1.0



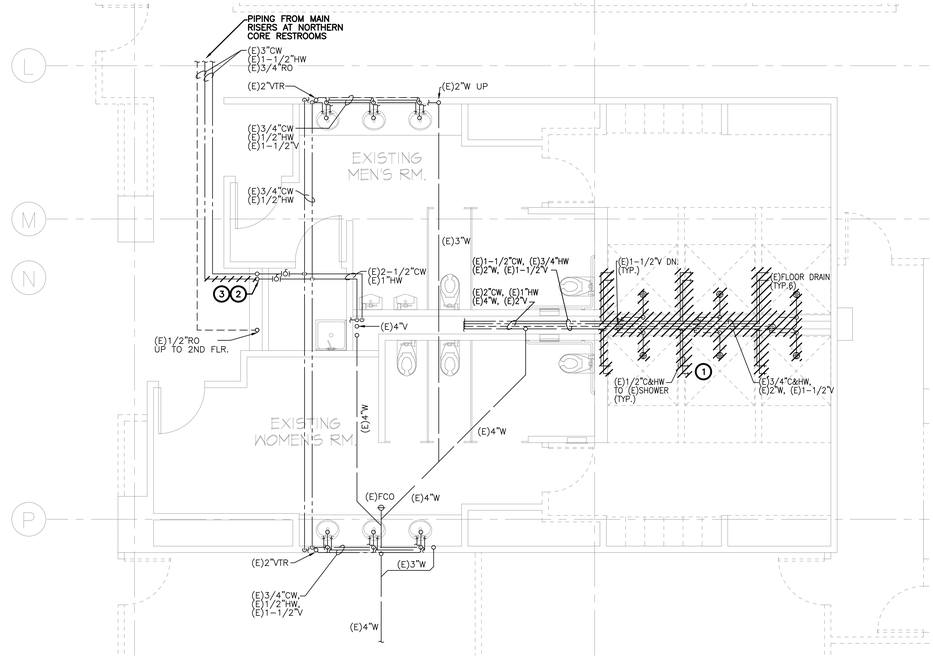
PLUMBING ENLARGED FIRST FLOOR PLAN - SOUTH

SCALE: 1/4" = 1'-0"



PLUMBING ENLARGED FIRST FLOOR PLAN - NORTH

SCALE: 1/4" = 1'-0"



PLUMBING ENLARGED DEMOLITION FIRST FLOOR PLAN - SOUTH

SCALE: 1/4" = 1'-0"

NOTE:

EXISTING SIZES AND LOCATIONS OF PIPES ARE SHOWN FOR INFORMATION AND GENERAL USE BY CONTRACTOR. HOWEVER, PLUMBING CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND SIZES OF PIPES PRIOR TO START OF CONSTRUCTION. PLUMBING CONTRACTOR TO COORDINATE PIPING LOCATIONS WITH ALL TRADES.

"LIGHT TEXT" PERTAINS TO EXISTING PIPING AND EQUIPMENT

"HEAVY TEXT" PERTAINS TO NEW PIPING AND EQUIPMENT

REFER TO FIXTURE SCHEDULE FOR FIXTURE PIPE SIZES.

DEMOLITION NOTES

1. DEMOLISH EXISTING SHOWER AND ALL ASSOCIATED PIPING. SEE SHEET DETAIL 2 THIS SHEET FOR EXTENT OF DEMOLITION.
2. (E)2-1/2"CW AND (E)1-1/4"HW RISER UP TO 2ND AND 3RD FLOORS ONLY. (E)1-1/4"HW CONNECTS TO (E)3/4"HWR LOOP ON THE 3RD FLOOR. (E)3/4"HWR LOOP IS CONNECTED TO THE (E)BUILDING HWR PUMP.
3. DEMOLISH PARTIAL (E)1-1/4"HW IN ORDER TO REROUTE TO NEW FIXTURES. SEE SHEET DETAIL 2 THIS SHEET FOR EXTENT OF DEMOLITION.

PLAN NOTES

1. NEW WATER CLOSET TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 4"W, 2"V AND 1-1/2"CW)
2. NEW WATER CLOSET TO BE INSTALLED. (PROVIDE 4"W, 1-1/2"V AND 1-1/2"CW)
3. NEW LAVATORY TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 2"W, 1 1/2"V AND 1/2"C&HW)
4. NEW URINAL TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 2"W, 1 1/2"V AND 1-1/2"CW)
5. NEW SINK TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 2"W, 1 1/2"V AND 3/4"C&HW)
6. NEW SINK TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 2"W, 1 1/2"V AND 3/4"C&HW). CONNECT TO (E)3/4"CW & (E)1/2"HW IN WALL, (E)3"W, AND (E)2"V ABOVE CEILING.
7. INSTALL NEW FLOOR DRAIN. PROVIDE TRAP PRIMER CONNECTION.
8. 1/2"CW FROM TP-1 TO FD-1.
9. CONNECT TO (E)1-1/4"HW ORIGINATING FROM THE NORTH WING AND LOOP NEW HW PIPING AS SHOWN IN ORDER TO UTILIZE (E)HWR SYSTEM LOOP. REFERENCE DEMOLITION NOTE 2 THIS SHEET.

pk:a
pk:architecture
5161 Lankershim Boulevard, Suite 101
North Hollywood, California 91601
t 818.594.0057 f 818.594.0013
w pkarchitecture.net

Kevin A. Smola and Assoc. Inc.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date

sheet title

PLUMBING ENLARGED FIRST FLOOR PLANS

drawn by	RG
project no	13098
date	2/25/20
scale	AS SHOWN

P2.0

NOTE:

EXISTING SIZES AND LOCATIONS OF PIPES ARE SHOWN FOR INFORMATION AND GENERAL USE BY CONTRACTOR. HOWEVER, PLUMBING CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND SIZES OF PIPES PRIOR TO START OF CONSTRUCTION. PLUMBING CONTRACTOR TO COORDINATE PIPING LOCATIONS WITH ALL TRADES.

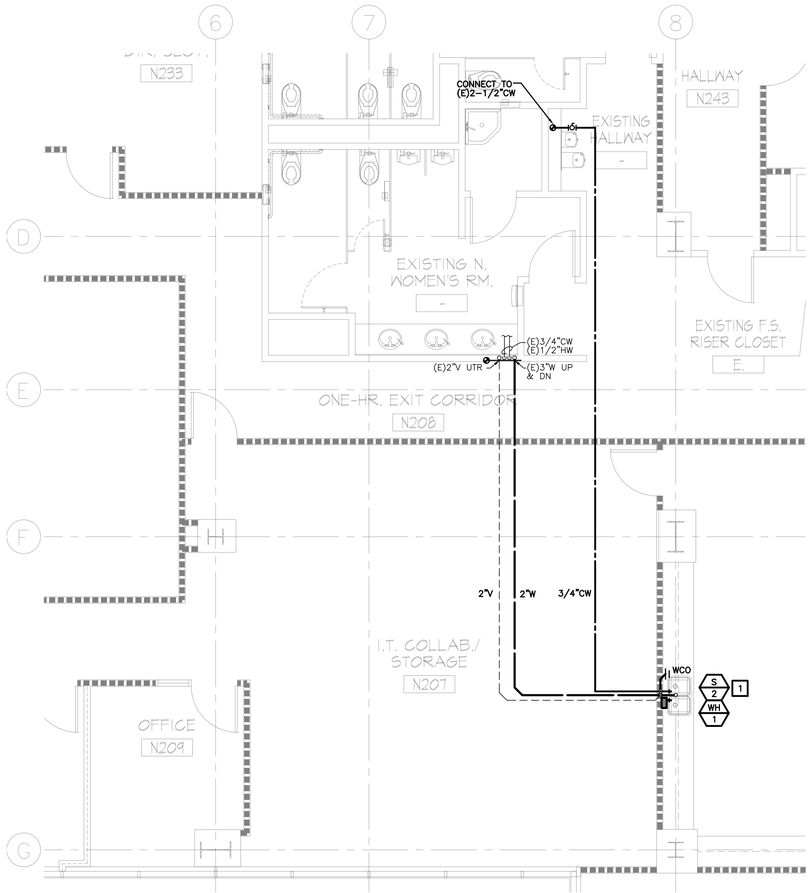
"LIGHT TEXT" PERTAINS TO EXISTING PIPING AND EQUIPMENT

"HEAVY TEXT" PERTAINS TO NEW PIPING AND EQUIPMENT

REFER TO FIXTURE SCHEDULE FOR FIXTURE PIPE SIZES.

PLAN NOTES

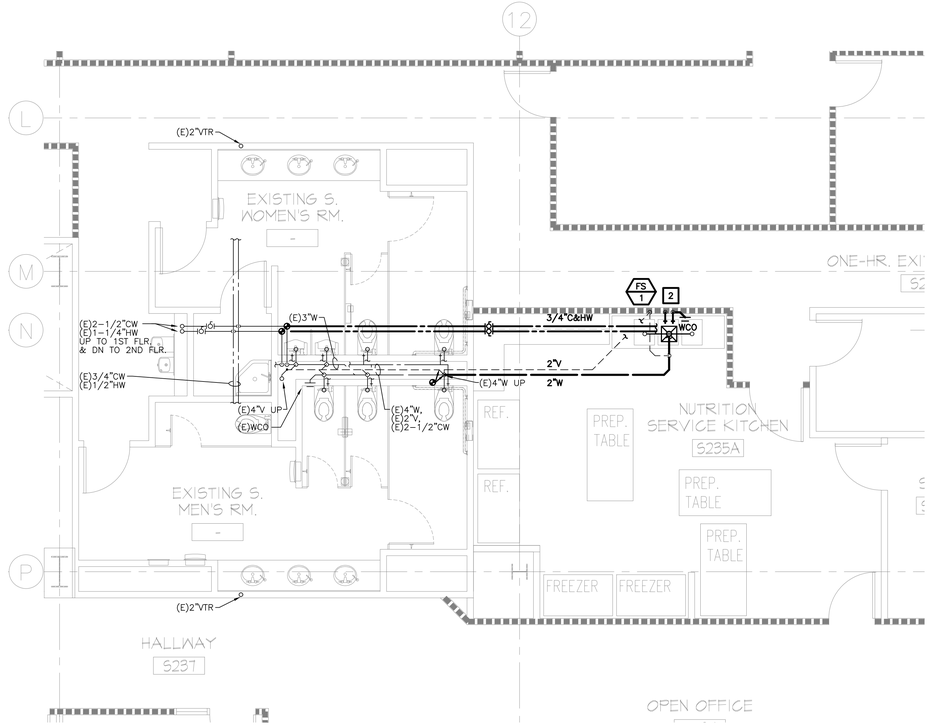
1. NEW SINK TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 2"W, 1 1/2"V AND 3/4"C&HW)
2. INSTALL NEW 3-COMPARTMENT SINK. SEE ARCHITECTURAL PLANS FOR MAKE AND MODEL. (PROVIDE 2"W, 1 1/2"V AND 3/4"C&HW)



PLUMBING ENLARGED SECOND FLOOR PLAN - NORTH

SCALE: 1/4" = 1'-0"

B – N



PLUMBING ENLARGED SECOND FLOOR PLAN - SOUTH

SCALE: 1/4" = 1'-0"

A – N

pk:a pk:architecture

Side planters drive , suite 101
agoura hills, california 91301
v. 818.564.0057 f. 818.564.0013
w. pkarchitecture.net

KEVIN A. SMOLA AND ASSOC.,INC.

CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706

(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date

sheet title

PLUMBING ENLARGED SECOND FLOOR PLANS

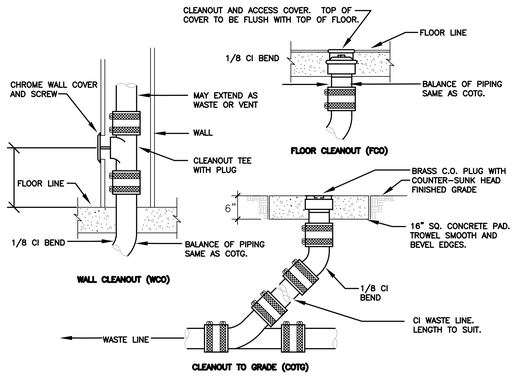
drawn by	AG
project no	43098
date	2/25/20
scale	AS SHOWN

P2.1

NONE

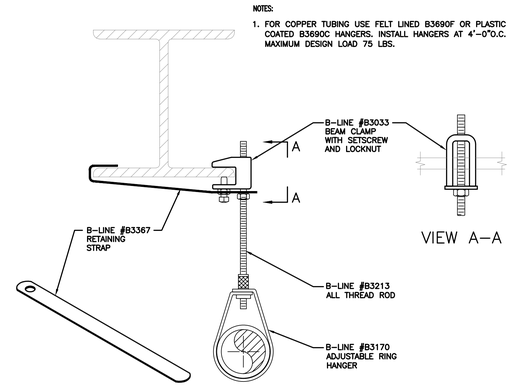
SCALE: NONE — 12

FLOOR/WALL CLEANOUT DETAILS



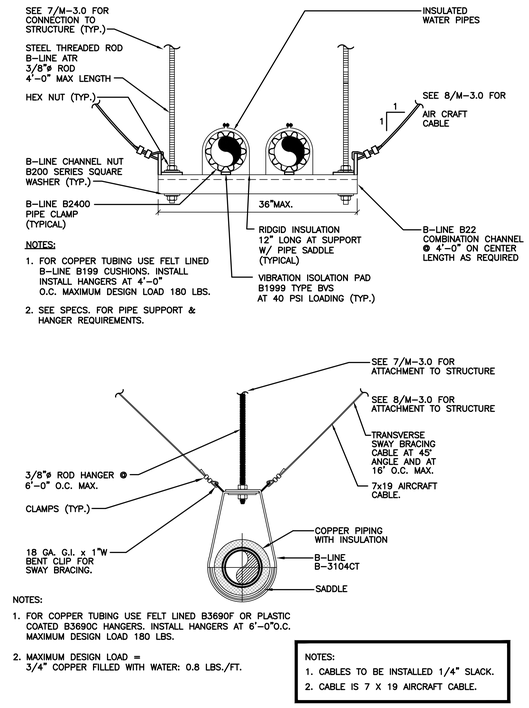
SCALE: NONE — 8

BEAM CLAMP PIPE SUPPORT



SCALE: NONE — 4

PIPING HANGER DETAIL

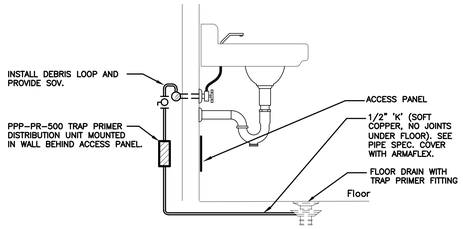


SCALE: NONE — 2

NONE

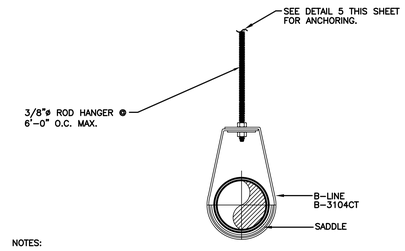
SCALE: NONE — 11

TRAP PRIMER DETAIL



SCALE: NONE — 7

SINGLE PIPE HANGER DETAIL



SCALE: NONE — 3

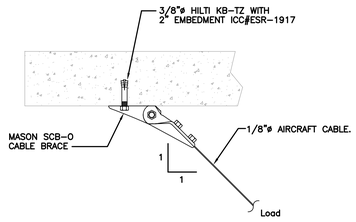
PIPING HANGER DETAIL

SCALE: NONE — 2

NONE

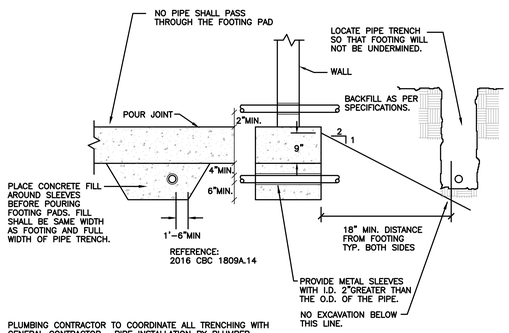
SCALE: NONE — 10

BRACE CONNECTION DETAIL



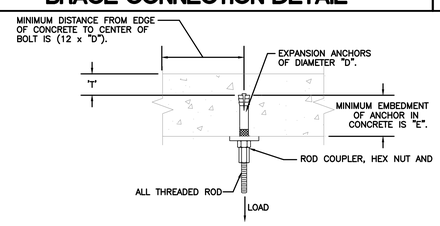
SCALE: NONE — 6

TYPICAL PIPE TRENCH DETAIL



SCALE: NONE — 9

ROD ANCHORING DETAIL



ROD

DIAMETER "D"	ALLOWABLE LOAD (IN TENSION)	MINIMUM EMBEDMENT "E"	MINIMUM CONCRETE COVERAGE "T"
IN.	IN.	IN.	IN.
3/8"	605	2 1/2"	1 1/4"
1/2"	1000	3 1/2"	1 3/4"
5/8"	1335	4"	2"
3/4"	1940	4 3/4"	2 3/8"

*HILTI KB TZ IN 3000 PSI (20.7 MPA) MINIMUM NORMAL WEIGHT CONCRETE.

SCALE: NONE — 5

PIPE THRU RATED WALL (UL-W-L-8022)

SPECIFICATIONS:

PENETRATIONS IN FIRE RESTRICTIVE WALLS, PARTITIONS AND FLOORS WHERE PROTECTED OPENINGS ARE REQUIRED SHALL BE FIRE STOPPED USING APPROVED MATERALS, SECURELY INSTALLED AND CAPABLE OF MAINTAINING THEIR INTEGRITY AND PREVENTING THE MOVEMENT OF FLAMES AND/OR GASES THROUGH THE VOID SPACES BETWEEN PENETRATING MATERIALS AND WALLS, PARTITIONS AND FLOORS WHEN TESTED IN ACCORDANCE WITH ASTM STANDARD E-814 OR UL STANDARD 1479

PROVIDE DESIGN DETAILS ON DRAWINGS DEPICTING APPROVED (LISTED) METHODS AND MATERIALS USED TO PROTECT PENETRATIONS WALLS, PARTITIONS AND FLOORS.

DESIGNS ARE LISTED BY UNDERWRITER'S LABORATORIES (FIRE RESISTANCE DIRECTORY) AND THE CALIFORNIA STATE FIRE MARSHALL (BUILDING MATERIAL LISTINGS). SPECIFIC DESIGN INFORMATION IS AVAILABLE FROM U.L CSFM OR THE PRODUCT MANUFACTURER.

FIRESTOP CONFIGURATION

1. WALL ASSEMBLY – THE 1 OR 2 HOUR FIRE-RATED GYPSUM WALLBOARD/ STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
   - A. STUDS – WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4" LUMBER SPACED 16" OC. STEEL STUDS TO BE MIN 3-1/2" WIDE AND SPACED MAX 24" OC FOR 1 HOUR RATED WALLS. STEEL STUDS TO BE MIN. 2-1/2" WIDE AND SPACED MAX 24" OC FOR 2 HOUR RATED WALLS.
   - B. GYPSUM BOARD – ONE OR TWO LAYERS OF NOM 5/8" THICK GYPSUM WALLBOARD, AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. MAX AREA OF OPENING IS 585 SQ. IN. WITH MAX DIMENSIONS OF 21" WIDE BY 27-7/8" HIGH.

     THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE HOURLY RATING OF THE WALL.
2. THROUGH-PENETRANTS – METALLIC PIPE, CONDUIT OR TUBING INSTALLED WITHIN THE FIRESTOP SYSTEM. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES OF PIPE, CONDUIT OR TUBING MAY BE USED.
   - A. STEEL PIPE – NOM 4" IN DIAMETER (OR SMALLER) SCHEDULE 5 (OR HEAVIER) STEEL PIPE.
   - B. COPPER TUBING – NOM 3" IN DIAMETER (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.
   - C. COPPER PIPE – NOM 3" IN DIAMETER (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.
   - D. CONDUIT – NOM 4" IN DIAMETER (OR SMALLER) ELECTRICAL METALLIC TUBING (EMT) OR STEEL CONDUIT.
3. FIRESTOP SYSTEM – THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING.
   - A. PACKING MATERIAL – MIN. 4" THICKNESS OF MIN. 4 PCF MINERAL WOOL BATT INSULATION PACKED AT 50 PERCENT COMPRESSION INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
   - B. FILL, VOID, OR CAVITY MATERIAL – SEALANT – MIN 3/8" THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULAR SPACE BETWEEN THE PIPE COVERING AND THE PERIPHERY OF THE OPENING, FLUSH WITH BOTH SURFACES OF WALL. 3M COMPANY – FB-1000 NS OR FB-3000 WT.

NOTES:

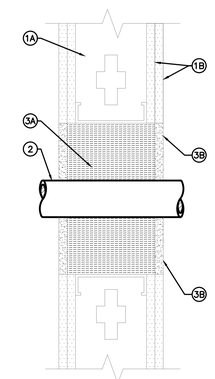
3M FIRE BARRIER PRODUCTS:
CALIFORNIA STATE FIRE MARSHALL LISTING NO. 4485-941:100

UNINSULATED PIPE:

U.L. DESIGN NO. WL1001 (STUD WALL)

INSULATED PIPE:

U.L. DESIGN NO. WL5001 (STUD WALL)



SCALE: NONE — 1

pk:a
pk:architecture
Side planetoid drive, suite 180
ojgeuria hills, california 91301
v 818 594 0057 f 818 594 0013
w pkarchitecture.net

KEVIN A. SMOLA AND ASSOC. INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
IRWINDALE, CALIFORNIA 91706
(626)585-9338 FAX(626)585-0864

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date

sheet title

PLUMBING DETAILS

drawn by: RC
project no: 43098
date: 2/25/20
scale: AS SHOWN

P3.0

LIGHTING

- FIXTURE TYPE (A)
- NORMAL CIRCUIT NUMBER & SWITCH LEG OR RELAY (1a)
- EMERGENCY DESIGNATION AND CIRCUIT NUMBER (WHERE APPLICABLE) (3EM)
- RECESSED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- LED OR FLUORESCENT FIXTURE
- EMERGENCY LED OR FLUORESCENT FIXTURE
- LED SURFACE OR PENDANT MOUNTED LIGHT FIXTURE
- STRIP LIGHT FIXTURE
- NEW EXIT LIGHT, SURFACE OR PENDANT - ARROWS INDICATE DIRECTION OF EGRESS AND SHADING INDICATES ILLUMINATED FACE
- (E) EXISTING EXIT LIGHT TO BE RECONDITIONED - ARROWS INDICATE DIRECTION OF EGRESS AND SHADING INDICATES ILLUMINATED FACE
- EMERGENCY LIGHTING UNIT WITH BATTERY AND CHARGER

SWITCHES

- WALL MOUNTED SWITCH. SUBSCRIPT INDICATES CONTROLLING SWITCH LEG: "ab" = SEPARATE BUTTON/ TOGGLE PER LEG; "c+d" = ONE BUTTON/ TOGGLE CONTROLS BOTH LEGS. +48" AFF

  SUPERSCRIPT INDICATES THE FOLLOWING:

LV	LOW VOLTAGE SWITCH. SEE LIGHTING CONTROL DRAWINGS FOR ADDITIONAL INFORMATION.
2	TWO POLE
3	THREE-WAY SWITCH
4	FOUR-WAY SWITCH
WP	WEATHERPROOF COVER
M	MANUAL MOTOR STARTER: 30A-2P, UON
K	LOW VOLTAGE KEY OPERATED. ACUITY #KS-CK
KD	LOW VOLTAGE KEY OPERATED WITH DIMMING. ACUITY #KS
P	PILOT

- MUSHROOM PUSH BUTTON SWITCH FOR EMERGENCY SHUT-OFF (PER DRAWINGS)
- DOOR INTERLOCK SWITCH

OUTLETS

- WALL MOUNTED DUPLEX RECEPTACLE 15A, 125V, 2P, 3W GROUNDED, +18" AFF
- WALL MOUNTED DUPLEX RECEPTACLE AS ABOVE, EXCEPT WITH GROUND FAULT CIRCUIT INTERRUPTER PROTECTION
- WALL MOUNTED DOUBLE DUPLEX RECEPTACLE 15A, 125V, 2P, 3W GROUNDED, +18" AFF
- (20A) WALL MOUNTED DUPLEX RECEPTACLE 20A, 125V, 2P, 3W GROUNDED, +18" AFF
- (WP) WALL MOUNTED WEATHER RESISTANT GFI TYPE DUPLEX RECEPTACLE WITH WEATHERPROOF COVER, 20A, 125V, 2P, 3W GROUNDED, +18" AFF
- (CT) WALL MOUNTED DUPLEX RECEPTACLE INSTALLED 5" ABOVE COUNTER TOP HEIGHT. REFER TO ARCHITECTURAL.
- WALL MOUNTED SIMPLEX RECEPTACLE 20A, 125V, 2P, 3W GROUNDED, +18" AFF
- CEILING MOUNTED DUPLEX RECEPTACLE 15A, 125V, 2P, 3W GROUNDED
- SPECIAL RECEPTACLE, VERIFY CONFIGURATION ON JOB, +24" AFF
- WALL MOUNTED JUNCTION BOX OR EQUIPMENT CONNECTION
- JUNCTION BOX OR EQUIPMENT CONNECTION
- CEILING MOUNTED CORD REEL WITH SINGLE 20A DUPLEX RECEPTACLE.
- FLUSH RECTANGULAR CAST IRON FLOOR BOX, 2-GANG WITH (1) DUPLEX RECEPTACLE 20A, 125V, 2P, 3W GROUNDED; AND LOW VOLTAGE BARRIER
- FLUSH RECTANGULAR CAST IRON FLOOR BOX, 3-GANG WITH (2) DUPLEX RECEPTACLE 20A, 125V, 2P, 3W GROUNDED; AND LOW VOLTAGE BARRIER
- 4" FLUSH POKE-THRU TYPE FLOOR BOX WITH (1) DUPLEX RECEPTACLE 20A, 125V, 2P, 3W GROUNDED
- 6" FLUSH POKE-THRU TYPE FLOOR BOX WITH (2) DUPLEX RECEPTACLES 20A, 125V, 2P, 3W GROUNDED
- (X-XX FP) WALL MOUNTED FURNITURE FEED POWER JUNCTION BOX FOR 4-CIRCUIT FURNITURE SYSTEM, +18" AFF. PROVIDE 4 HOT, 2 NEUTRAL, AND ONE GROUND CONDUCTOR(S). "X-XX" INDICATES PANEL AND CIRCUIT DESIGNATION. PROVIDE 2-POLE OR HANDLE-TIED BREAKER FOR CIRCUITS THAT SHARE NEUTRALS.
- (X-XX F) FLUSH MOUNTED FIRE-RATED POKE-THRU TYPE FLOOR BOX WITH DUAL POWER/ DATA FURNITURE FEED CONNECTION FOR 4-CIRCUIT FURNITURE. POWER TO CONSIST OF 4 HOT, 2 NEUTRAL, AND ONE GROUND CONDUCTOR(S). PROVIDE 2-POLE OR HANDLE-TIED BREAKER FOR CIRCUITS THAT SHARE NEUTRALS. "X-XX" DENOTES PANEL AND CIRCUIT NUMBERS.

CONDUIT

- (HA-1,3) HOMERUN WITH PANEL DESIGNATION & CIRCUIT NUMBERS, MINIMUM 3/4" CONDUIT
- CONDUIT CONCEALED IN CEILING, WALL, OR EMBEDDED IN CONCRETE
- CONDUIT IN FLOOR OR UNDERGROUND
- CONDUIT FOR EMERGENCY/ LIFE SAFETY CIRCUITS
- EXISTING CONDUIT TO BE DEMOLISHED

NOTE: PROVIDE MINIMUM 1/2" CONDUIT WITH QUANTITY OF #12 CONDUCTORS REQUIRED TO OBTAIN SWITCHING AND POWER FEED CIRCUITING AS SHOWN. PROVIDE GROUND WIRE IN ALL RACEWAYS. BY DEFAULT, THE MINIMUM NUMBER OF BRANCH CIRCUIT CONDUCTORS IS THREE (1H-1N-1G) UNLESS INDICATED OR REQUIRED TO BE OTHERWISE.

- 1/2" CONDUIT - 3#12 (2H-0N-1G)
- 1/2" CONDUIT - 4#12 (2H-1N-1G)
- 1/2" CONDUIT - 5#12 (2H-2N-1G)
- (4#4 - 1"C) OTHER WIRE SIZES & CONDUIT AS NOTED.
- (1" C.O.) CONDUIT ONLY, SIZE AS NOTED, WITH NYLON PULL CORD.
- (E) PROVIDE CONDUIT STUB (FOR FUTURE USE)

* NOTES *

MOUNTING HEIGHTS SHOWN ON THIS SHEET ARE TO THE CENTER OF THE OUTLET BOX.

PER CBC 2016, CONTROLS AND SWITCHES INTENDED FOR USE BY OCCUPANTS OF THE ROOM OR AREA SHALL BE LOCATED NO MORE THAN 48" TO THE TOP OF THE OUTLET BOX, AND NO LESS THAN 15" TO THE BOTTOM OF THE OUTLET BOX.

PER CBC 2016, ELECTRICAL RECEPTACLES ON BRANCH CIRCUITS OF 30 AMPS OR LESS AND COMMUNICATIONS SYSTEM OUTLETS SHALL BE LOCATED NO MORE THAN 48" TO THE TOP OF THE OUTLET BOX, AND NO LESS THAN 15" TO THE BOTTOM OF THE OUTLET BOX.

ALL OF THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

SIGNALS

- WALL MOUNTED QUAD DATA OUTLET. PROVIDE 4S DEEP BOX WITH 1-GANG MUDRING AND MINIMUM 1" C.O. WITH PULL CORD TO ABOVE ACCESSIBLE CEILING, +18" AFF
- WALL MOUNTED TELEPHONE OUTLET. PROVIDE 4S DEEP BOX WITH 1-GANG MUDRING AND MINIMUM 3/4" C.O. WITH PULL CORD TO ABOVE ACCESSIBLE CEILING, +18" AFF
- (M) MAINTENANCE TELEPHONE OUTLET AS ABOVE, +48" AFF
- WALL MOUNTED COMBINATION PHONE/ DATA OUTLET. PROVIDE 4S DEEP BOX WITH 1-GANG MUDRING AND MINIMUM 3/4" C.O. WITH PULL CORD TO ABOVE ACCESSIBLE CEILING, +18" AFF
- FLUSH RECTANGULAR CAST IRON TELECOMMUNICATIONS FLOOR BOX, INTEGRAL TO POWER FLOOR BOX DEVICE, SEE "OUTLETS" LEGEND FOR ADDITIONAL DETAILS. PROVIDE TELECOMMUNICATIONS OUTLET PLATE PER OWNER'S SPECIFICATIONS.
- FLUSH MOUNTED FIRE-RATED POKE-THRU TYPE TELECOMMUNICATIONS FLOOR BOX, INTEGRAL TO POWER POKE-THRU DEVICE, SEE "OUTLETS" LEGEND FOR ADDITIONAL DETAILS. PROVIDE TELECOMMUNICATIONS OUTLET PLATE PER OWNER'S SPECIFICATIONS.
- (TV) COAXIAL TV OUTLET, +60" AFF
- (SD) WALL MOUNTED OUTLET FOR SECURITY DEVICE. PROVIDE 4S DEEP BOX WITH 1-GANG MUDRING AND MINIMUM 3/4" C.O. WITH PULL CORD TO ABOVE ACCESSIBLE CEILING, +48" AFF. FIELD VERIFY BOX AND CONDUIT REQUIREMENTS WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
- (FT) WALL MOUNTED FURNITURE FEED TELECOMMINICATIONS JUNCTION BOX. PROVIDE 4S DEEP BOX WITH 2-GANG CENTER OUT COVER AND MINIMUM 1 1/4" C.O. WITH PULL CORD TO ABOVE ACCESSIBLE CEILING, +18" AFF
- (B) SPRINKLER SYSTEM ALARM BELL
- (FS) FLOW SWITCH
- (TS) TAMPER SWITCH
- (C) CLOCK, +78" AFF
- CCTV CAMERA, CEILING MOUNTED
- (SF) SMOKE FIRE DAMPER

MOTORS

- (2) MOTOR OUTLET; NUMBER DENOTES MOTOR HP RATING, "F" MEANS FRACTIONAL (REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS)
- (2) MOTOR STARTER; NUMBER DENOTES NEMA SIZE
- COMBINATION STARTER DISCONNECT SWITCH
- (VFD) VARIABLE FREQUENCY DRIVE
- (T) THERMOSTAT (BY OTHERS). ELECTRICAL CONTRACTOR TO PROVIDE 1/2"C.O. FROM DEVICE TO REQUIRED MECHANICAL EQUIPMENT PER HVAC DRAWINGS. REFER TO MECHANICAL FOR EXACT QUANTITIES AND LOCATIONS PRIOR TO ROUGH-IN.
- (3R) LOCKABLE DISCONNECT SWITCH - NEMA ENCLOSURE NOTED, +48" AFF
- (4X) LOCKABLE DISCONNECT SWITCH, FUSED - NEMA ENCLOSURE NOTED, +48" AFF

OTHERS

- ELECTRICAL SWITCHBOARD
- ELECTRICAL PANEL
- ELECTRICAL ENCLOSURE
- TRANSFORMER (ONE-LINE)
- TRANSFORMER (PLAN)
- CIRCUIT BREAKER

APPLICABLE CODES AND STANDARDS

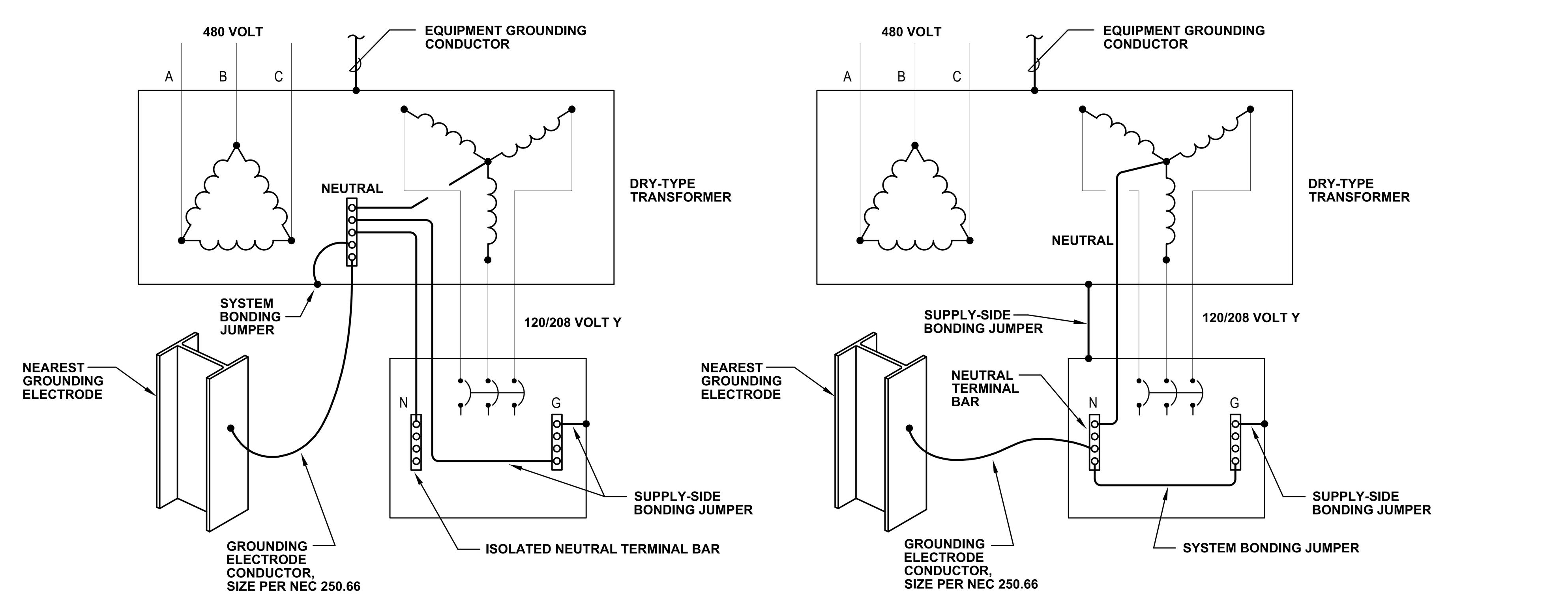
ALL WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING GOVERNING CODES:

- 2016 CALIFORNIA ADMINISTRATIVE CODE, TITLE 24 PART 1
- 2016 CALIFORNIA BUILDING CODE, TITLE 24 PART 2
- 2016 CALIFORNIA ELECTRICAL CODE, TITLE 24 PART 3
- 2016 CALIFORNIA MECHANICAL CODE, TITLE 24 PART 4,
- 2016 CALIFORNIA PLUMBING CODE, TITLE 24 PART 5
- 2016 CALIFORNIA ENERGY CODE, TITLE 24, PART 6,
- 2016 CALIFORNIA GREEN BUILDING STANDARDS, TITLE 24, PART11
- 2016 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24 PART 12
- ALL OTHER PREVAILING LOCAL CODES, AMENDMENTS, AND ORDINANCES

THE AUTHORITY HAVING JURISDICTION (AHJ) IS THE CITY OF OXNARD BUILDING & SAFETY SERVICES.

GENERAL NOTES

1. THE CONTRACTOR SHALL VISIT THE SITE OF THE WORK AND THOROUGHLY FAMILIARIZE HIMSELF WITH THE WORKING CONDITIONS AND THE EXACT NATURE AND EXTENT OF WORK TO BE DONE. COORDINATE WITH THE GENERAL CONTRACTOR AND/OR OTHER SUB-CONTRACTORS TO DETERMINE POSSIBLE ADDITIONAL WORK WHICH MAY BE REQUIRED UNDER THE ELECTRICAL CONTRACT. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THE COMPLETE BID DOCUMENT PACKAGE SO TO UNDERSTAND THE TOTAL SCOPE OF WORK PRIOR TO SUBMITTING BID.
2. BEFORE STARTING ANY WORK, EXAMINE THE COMPLETE SET OF DRAWINGS FOR ALL TRADES, INCLUDING BUT NOT LIMITED TO ARCHITECTURAL, MECHANICAL, & PLUMBING. VERIFY DIMENSIONS, SPACE REQUIREMENTS, MOUNTING HEIGHTS, AND POINTS OF CONNECTION FOR ALL EQUIPMENT AND CONTROL DEVICES. MAKE ANY MINOR ADJUSTMENTS NECESSARY TO AVOID CONFLICTS OF OTHER TRADES. MAJOR (REQUIRING COST ADJUSTMENTS) DISCREPANCIES SHALL BE RESOLVED IN WRITING PRIOR TO PERFORMING ANY WORK.
3. IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS THAT A COMPLETE AND WORKABLE ELECTRICAL INSTALLATION BE PROVIDED FOR ALL THE EQUIPMENT DESCRIBED OR SHOWN AS BEING IN THIS CONTRACT. DRAWINGS ARE DIAGRAMMATIC IN NATURE, AND CONDUIT ROUTING IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. NO SURFACE MOUNTED CONDUIT IS PERMITTED EXCEPT AS INDICATED ON DRAWINGS OR IN OPEN CEILING AREAS. EXPOSED CONDUIT SHALL BE ROUTED PARALLEL AND PERPENDICULAR TO THE BUILDING STRUCTURE.
4. FURNISH ALL NECESSARY LABOR. FURNISH AND INSTALL ALL APPARATUS, MATERIALS, EQUIPMENT, AND COMPONENTS NECESSARY FOR A COMPLETE AND WORKING SYSTEM, INCLUDING ITEMS REQUIRED BUT NOT NORMALLY SHOWN, SUCH AS COUPLINGS, HANGERS, BRACKETS, CLAMPS, JUNCTION BOXES, PULLBOXES, SMALL GUTTERS, CONNECTORS, AND HARDWARE. ITEMS SHALL BE INSTALLED IN A MANNER COMPLYING WITH ALL APPLICABLE CODES. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE, OR RECOGNIZED STANDARDS, SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND INSPECTOR OF RECORD PRIOR TO COMMENCING WORK.
5. ALL CONDUITS THAT DO NOT TERMINATE AT EQUIPMENT SHALL BE PROVIDED WITH PROTECTIVE BUSHINGS. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH A 3/32-INCH, 200-LB TEST POLYETHYLENE PULL STRING AND TAGGED TO SHOW TERMINAL POINTS AND PURPOSE OF CONDUIT RUN. USE 3/16-INCH, 700-LB TEST PULL ROPE FOR ALL RACEWAYS 1-1/2" TRADE SIZE AND LARGER. NON TERMINATED WIRES TO BE SAFED-OFF AND LABELED WITH CIRCUIT NUMBER AND PURPOSE.
6. ALL CONDUCTORS OPERATING AT 50 VOLTS OR GREATER SHALL BE IN RACEWAY. ALL RACEWAY WITHIN THE STRUCTURE ABOVE THE FLOOR SLAB SHALL BE METAL. RACEWAY BELOW THE FLOOR SLAB AND UNDERGROUND RACEWAY OUTSIDE THE STRUCTURE SHALL BE PVC.
7. ALL LOW VOLTAGE CABLES OR CONDUCTORS OPERATING AT LESS THAN 50 VOLTS SHALL BE IN METAL RACEWAY WHERE INSTALLED WITHIN WALLS OR INACCESSIBLE SPACES. LOW VOLTAGE CABLES MAY BE RUN IN CABLE TRAY ABOVE ACCESSIBLE CEILINGS. LOW VOLTAGE CABLES MAY BE RUN IN CABLE SUPPORT HOOKS ABOVE ACCESSIBLE CEILINGS WITH THE OWNER'S REPRESENTATIVE'S PERMISSION.
8. GREEN INSULATED COPPER GROUNDING CONDUCTOR, SIZED PER CODE, SHALL BE INSTALLED AND CONNECTED TO EACH POWER OUTLET, ENCLOSURE, POWER DEVICE, FIXTURE, ETC. THROUGHOUT THE SITE. THE RACEWAYS SHALL NOT BE RELIED UPON FOR EQUIPMENT GROUNDING.
9. SHARED NEUTRALS WILL NOT BE ALLOWED, UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS.
10. ALL ELECTRIC EQUIPMENT EXPOSED TO WEATHER OR INSTALLED OUTDOORS SHALL BE WEATHERPROOF TYPE, INCLUDING BUT NOT LIMITED TO: SWITCHES, CONDUITS, BOXES, ETC.
11. USE OF FLEXIBLE CONDUIT IS NOT ALLOWED EXCEPT FOR LENGTHS UP TO 6 FEET FOR FINAL CONNECTION TO LIGHTING FIXTURES, MOTORS, OR VIBRATING EQUIPMENT. CONCEALED CONDUIT SHOULD BE INSTALLED WHEREVER POSSIBLE. IF EXPOSED CONDUITS AND BOXES ARE INSTALLED, THEY SHALL BE PAINTED TO MATCH THE SURFACES WHERE INSTALLED WHEN VISIBLE TO THE PUBLIC.
12. ALL PANELBOARDS SHALL BE MARKED TO INDICATE UPSTREAM EQUIPMENT WHERE THE POWER ORIGINATES. LABEL ALL JUNCTION BOXES, PULLBOXES, AND DISCONNECT SWITCHES WITH THEIR SERVING PANEL AND CIRCUIT NUMBER(S). LABEL THE INSIDE COVER OF ALL RECEPTACLES WITH THE SERVING PANEL AND CIRCUIT NUMBER.
13. ALL 20 AMP, 120 VOLT HOMERUNS GREATER THAN 100' SHALL BE INSTALLED WITH #10 CONDUCTORS.
14. CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL SPOILS CREATED BY THE SCOPE OF WORK.
15. PROVIDE FIRE STOPPING AT ALL CONDUIT PENETRATIONS OF CEILINGS AND WALLS AND BACK OF ELECTRICAL BOXES COMPATIBLE WITH AND TO MAINTAIN THE FIRE RATING OF THE STRUCTURE. LOCATE WALL PENETRATIONS ABOVE CEILING AREAS WHERE PRESENT. PENETRATIONS INTO FIRE RATED ASSEMBLY SHALL NOT BE LARGER THAN 4" NOMINAL ROUND OR 16 SQUARE INCHES IN OVERALL CROSS SECTION AREA WITH AN AGGREGATE AREA NOT MORE THAN 100 SQUARE FEET. (UBC SECTION 709.7).
16. TEST FOR SHORTS AND GROUNDS BEFORE ENERGIZING ANY NEW CIRCUITS.
17. FINISHES OF ALL RECEPTACLES, SWITCHES, TELEPHONE OUTLETS, ETC. TO BE SELECTED BY ARCHITECT. ALL DEVICES GANGED TOGETHER SHALL BE MOUNTED UNDER A SINGLE COVER PLATE.
18. ALL ELECTRIC EQUIPMENT EXPOSED TO WEATHER OR INSTALLED OUTDOORS SHALL BE WEATHERPROOF TYPE, INCLUDING BUT NOT LIMITED TO: SWITCHES, CONDUITS, BOXES, ETC.
19. NO PIPING, DUCTS, OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN THE DEDICATED SPACE ABOVE THE ELECTRICAL EQUIPMENT.
20. THE ELECTRICAL WORK HEREIN SHALL BE INSTALLED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF ALL LOCAL AND GOVERNMENTAL ENFORCING AUTHORITIES. WHERE CONFLICT OCCURS, THE MORE STRINGENT REQUIREMENTS SHALL APPLY. ALL WORK SHALL CONFORM TO THE CURRENT CALIFORNIA BUILDING CODE, CALFORNIA ELECTRICAL CODE, AND TITLE 24 CODE OF REGULATIONS.
21. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC. SIZES AND LOCATIONS OF EQUIPMENT AND WIRING ARE SHOWN TO SCALE WHERE POSSIBLE, BUT MAY BE DISTORTED FOR CLARITY ON THE DRAWINGS. FINAL LOCATION OF OUTLETS AND EQUIPMENT SHALL BE AS APPROVED BY THE ARCHITECT. IT IS NOT WITHIN THE SCOPE OF THE DRAWINGS TO SHOW ALL NECESSARY BENDS, OFFSETS, PULL BOXES, AND OBSTRUCTIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL HIS WORK TO CONFORM TO THE STRUCTURE, PRESERVE HEADROOM, AND KEEP OPENINGS AND PASSAGEWAYS CLEAN.
22. CONDUCTORS SMALLER THAN #4 AWG FOR LIGHTING AND POWER SYSTEM WIRING SHALL HAVE 600 VOLT TYPE THWN/THHN INSULATION. CONDUCTORS #2 AND LARGER SHALL HAVE 600 VOLT XHHW TYPE INSULATION. CONDUCTORS #12 AWG AND SMALLER SHALL BE SOLID COPPER. CONDUCTORS #10 AWG AND LARGER SHALL BE STRANDED COPPER. MINIMUM SIZE CONDUCTOR SHALL BE #12 AWG UNLESS OTHERWISE SPECIFIED. NO ALUMINUM CONDUCTORS SHALL BE PERMITTED. SPLICES IN #8 AWG AND SMALLER CONDUCTORS SHALL BE MADE WITH CONICALLY SHAPED SPRING STEEL CONNECTORS, PLATED FOR CORROSION PROTECTION. CONNECTORS MAY HAVE AN INSULATING, SEMI-RIGID OUTER SHELL. SPLICES IN #6 AWG AND LARGER CONDUCTORS SHALL BE MADE WITH SPLIT BOLT CONNECTORS. SPLICES SHALL BE TAPED WITH RUBBER AND FRICTION TAPE OR PLASTIC ELECTRICIAN'S TAPE TO PROVIDE INSULATION EQUAL TO THE INSULATION OF THE CONDUCTOR. TWIST-ON CONNECTORS OR PHENOLIC COMPOUND OR CRIMP OR CRIMP-TYPE CONNECTORS SHALL NOT BE USED.
23. MC CABLE SHALL NOT BE INSTALLED EXPOSED ON WALLS, OR IN ELECTRIC ROOMS, MECHANICAL ROOMS, TELEPHONE CLOSETS, ETC. EMT CONDUIT SHALL BE USED FROM ELECTRIC CLOSET TO FIRST RECEPTACLE OR LIGHT FIXTURE.
24. ALL CONTROL WIRING ASSOCIATED WITH MECHANICAL EQUIPMENT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.
25. EXISTING FIRE ALARM SYSTEM DEVICES SHALL REMAIN OPERATIONAL DURING CONSTRUCTION OR AS REQUIRED BY LANDLORD. EXISTING FIRE ALARM SYSTEM DEVICES AND WIRING SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING SYSTEM, AND FOR PROVIDING A FIRE WATCH UNTIL OPERATION OF THE FIRE ALARM SYSTEM IS FULLY RESTORED.
26. ALL CUTTING, CORING, CHOPPING, AND PATCHING REQUIRED UNDER THIS CONTRACT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PERFORMED WITH BUILDING MANAGEMENT'S APPROVAL. ALL PENETRATIONS CAUSED BY THIS WORK SHALL BE TREATED FOR A TIGHT SEAL BY THIS CONTRACTOR USING A MATERIAL OF THE SAME INTEGRITY AS THE EXISTING PENETRATION.
27. ALL ABANDONED OR UNUSED CABLING, RACEWAYS, ETC., MUST BE REMOVED BACK TO THE POINT OF ORIGIN.
28. EXISTING BASE BUILDING CORE DEVICES (LIGHTING, RECEPTACLES, AV/DATA OUTLETS ETC.) SHALL REMAIN ACTIVE. IF DEVICES HAVE BEEN DISCONNECTED BY DEMOLITION, DEVICES SHALL BE RECONNECTED AND RE-ENERGIZED UTILIZING SPARE CIRCUIT BREAKERS. ALL CORE DEVICES VISUAL TO TENANT SHALL BE REMOVED AND REPLACED WITH NEW DEVICES MATCHING PROJECT STANDARDS.
29. NO POWDER DRIVEN FASTENERS TO THE UNDERSIDE OF CONCRETE FLOOR OR ROOF SLABS SHALL BE PERMITTED. THOSE ATTACHMENTS SHALL BE DRILLED HOLES AND INSERTS ONLY. DO NOT DRILL INTO CONCRETE FLOOR/ROOF STRUCTURE TEES, DRILL INTO HORIZONTAL FLOOR/ROOF SLABS ONLY.
30. UPON COMPLETION OF ALL ELECTRICAL WORK, THE ELECTRICAL CONTRACTOR SHALL ADJUST AND TEST ALL CIRCUITS, RECEPTACLES, SWITCHES, LIGHTS, MOTORS AND ANY OTHER ELECTRICAL ITEMS INSTALLED. ANY DEFECTIVE ITEMS SHALL BE IMMEDIATELY REPAIRED OR REPLACED WITH NEW AND THAT PORTION OF THE SYSTEM RETESTED. ALL SUCH REMEDIAL WORK SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
31. THE ELECTRICAL CONTRACTOR SHALL OBTAIN THE SERVICES OF A CERTIFIED ACCEPTANCE TESTER TO VERIFY TITLE 24 COMPLIANCE OF THE INSTALLED SYSTEMS AND COMPLETE THE ACCEPTANCE FORMS REQUIRED BY THE 2016 CALIFORNIA ENERGY CODE FOR THE INSTALLATION OF NEW ELECTRICAL SYSTEMS. ALL ASSOCIATED COSTS SHALL BE INCLUDED IN THE BID.
32. RECEPTACLES EQUIPPED WITH GFI DEVICES MUST BE READILY ACCESSIBLE.



1 SEPARATELY DERIVED SYSTEM GROUNDING DETAILS
E-0.0.1 NOT TO SCALE

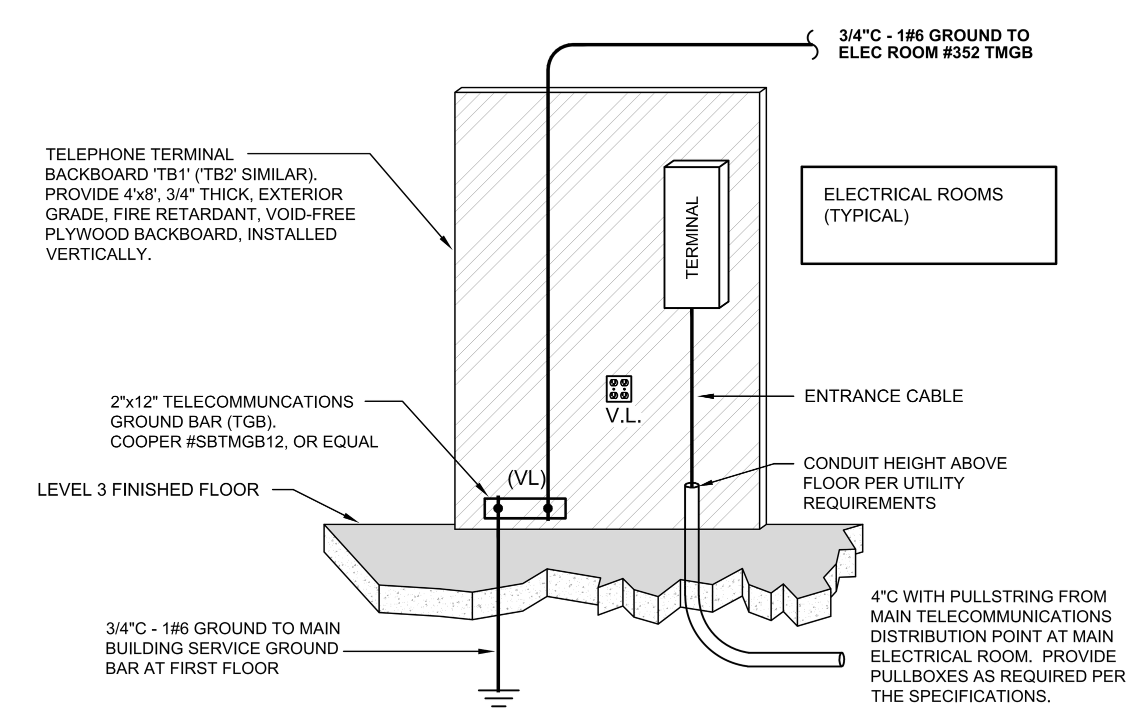
ELECTRICAL ABBREVIATIONS

A.A.P.	ALARM ANNUNCIATOR PANEL	HZ.	HERTZ
A.C.	ALTERNATING CURRENT	I.D.	INSIDE DIAMETER
ACU	AIR CONDITIONING UNIT	I/L	INTERLOCK
AFF	ABOVE FINISH FLOOR	IN.	INCH (ES)
AF	AMP FUSE	INT.	INTERIOR
AHU	AIR HANDLING UNIT	JB	JUNCTION BOX
ALT.	ALTERNATE	K.O.	KNOCK OUT
ALUM.	ALUMINUM	KVA	KILOVOLT AMPS
AMP.	AMPERE	KW	KILOWATTS
APPROX.	APPROXIMATE	LB	POUND (WEIGHT)
ARCH.	ARCHITECT/ ARCHITECTURAL	L.F.	LINEAR FOOT
AS	AMP SWITCH	LTFC	LIQUID TIGHT FLEXIBLE CONDUIT
ATS	AUTOMATIC TRANSFER SWITCH	LT.	LIGHT
AUTO	AUTOMATIC	LTS.	LIGHTS
BLDG.	BUILDING	LTG.	LIGHTING
BOT.	BOTTOM	MAX.	MAXIMUM
BSMT.	BASEMENT	MCC	MOTOR CONTROL CENTER
C.	CONDUIT	MECH.	MECHANICAL
CAB.	CABINET	MEZZ.	MEZZANINE
CAP.	CAPACITY	MFR.	MANUFACTURER
CB	CIRCUIT BREAKER	MH	MANHOLE
CIRC.	CIRCUIT	MIN.	MINIMUM
CCTV	CLOSED CIRCUIT TELEVISION	MISC.	MISCELLANEOUS
CL	CENTERLINE	M.S.	MOTOR STARTER
CLG	CEILING	MTD.	MOUNTED
C.O.	CONDUIT ONLY	MTR	MOTOR
COMB.	COMBINATION/-ED	M.T.S.	MANUAL TRANSFER SWITCH
CONC.	CONCRETE	N.A.	NOT APPLICABLE
CONN.	CONNECT/ -ED/ -ION	NF	NON FUSED
CONST.	CONSTRUCTION	N/L	NIGHT LIGHT
CONT.	CONTINUE/ -OUS/ -ATION	NIC	NOT IN CONTRACT
CONT.	CONTRACT/ -OR	NO.	NUMBER
CONV.	CONVENIENCE	NT.	NOTE
COORD.	COORDINATE	NTS	NOT TO SCALE
CT	CURRENT TRANSFORMER	O.C.	ON CENTER
CTR	CENTER	O.D.	OUTSIDE DIAMETER
C.F.	CUBIC FEET	OH	OVERHEAD
CUH	CABINET UNIT HEATER	P.B.	PULL BOX
DC	DIRECT CURRENT	PH.	PHASE
DET.	DETAIL	P.F.	POWER FACTOR
DIA.	DIAMETER	PIV	POST INDICATOR VALVE
DIAG.	DIAGONAL	P.L.	PILOT LIGHT
DIM.	DIMENSION	PNL.	PANEL
DIST.	DISTRIBUTION	PWR.	POWER
DIV.	DIVISION	REC.	RECESSED
DN.	DOWN	RCPT.	RECEPTACLE
DWG.	DRAWING	REF.	REFERENCE
EA.	EACH	REQD.	REQUIRED
E.C.	ELECTRICAL CONTRACTOR	RM.	ROOM
ELEV.	ELEVATION	RTU	ROOF TOP UNIT (HVAC)
ELEC.	ELECTRICAL	S.C.	SEPARATE CIRCUIT
ELEV.	ELEVATOR	SCHED.	SCHEDULE
EM.	EMERGENCY	S.F.	SQUARE FOOT
EOL	END OF LINE	SHT.	SHEET
E.P.	EXPLOSION PROOF	SPEC.	SPECIFICATIONS
EQ.	EQUAL	SQ.	SQUARE
EQUIP.	EQUIPMENT	STD.	STANDARD
EWC	ELECTRIC WATER COOLER	STR.	STARTER
EXT.	EXTERIOR	STRUCT.	STRUCTURAL
F.	FUSED	SUSP.	SUSPENDED
FACP	FIRE ALARM CONTROL PANEL	SW.	SWITCH
FDR.	FEEDER	TEL.	TELEPHONE
FIN.	FINISH	TV.	TELEVISION
FIXT.	FIXTURE	T.P.	TWISTED PAIR
FLR.	FLOOR	TYP.	TYPICAL
FLEX.	FLEXIBLE	UG	UNDERGROUND
FLUOR.	FLUORESCENT	UON	UNLESS OTHERWISE NOTED
FUT.	FUTURE	V.	VOLTS
GA.	GAUGE	VL	VERIFY LOCATION
G.C.	GENERAL CONTRACTOR	VA	VOLT AMPS
GEN.	GENERATOR	W.	WATTS
GFI	GROUND FAULT INTERRUPTER	W.H.	WATER HEATER
GND.	GROUND	WP	WEATHERPROOF
GRD.	GRADE	XFMR	TRANSFORMER
H.	HEIGHT	W/	WITH
H.O.A.	HAND-OFF-AUTOMATIC	W/O	WITHOUT
HORZ.	HORIZONTAL	(E)	EXISTING
HP	HORSEPOWER	(N)	NEW
HTR.	HEATER	(R)	EXISTING RELOCATED

INDEX OF ELECTRICAL DRAWINGS

E-0.0.1	ELECTRICAL TITLE SHEET
E-0.0.2	LIGHTING FIXTURE SCHEDULE
E-1.1.1	1ST FLOOR LIGHTING PLAN (NORTH)
E-1.1.2	1ST FLOOR LIGHTING PLAN (SOUTH)
E-1.2.1	2ND FLOOR LIGHTING PLAN (NORTH)
E-1.2.2	2ND FLOOR LIGHTING PLAN (SOUTH)
E-2.1.1	1ST FLOOR LIGHTING CONTROLS PLAN
E-2.1.2	2ND FLOOR LIGHTING CONTROLS PLAN
E-2.1.3	LIGHTING CONTROL DETAILS
E-3.1.1	FIRST FLOOR EMERGENCY PHOTOMETRICS
E-3.2.1	SECOND FLOOR EMERGENCY PHOTOMETRICS
E-4.1.1	1ST FLOOR POWER FLOOR PLAN (NORTH)
E-4.1.2	1ST FLOOR POWER FLOOR PLAN (SOUTH)
E-4.2.1	2ND FLOOR POWER FLOOR PLAN (NORTH)
E-4.2.2	2ND FLOOR POWER FLOOR PLAN (SOUTH)
E-5.0.1	DEMOLITION SINGLE-LINE DIAGRAM
E-5.0.2	NEW CONSTRUCTION SINGLE-LINE DIAGRAM
E-5.0.3	PANEL SCHEDULES
E-5.0.4	PANEL SCHEDULES
E-5.0.5	PANEL SCHEDULES
E-6.0.1	TITLE 24 COMPLIANCE CERTIFICATES

DRAWING KEY: E-2.3.1 — 1=LIGHTING, 4=POWER, ETC — SHEET NUMBER — FLOOR



2 TELEPHONE TERMINAL BOARD DETAIL
E-0.0.1 NO SCALE

pk:a pk:architecture

5126 clareton drive : suite 1
agoura hills : california 913
v: 818.584.0057 f: 818.584.00
w: pkarchitecture.n

REGISTERED PROFESSIONAL ENGINEER J.O.A. RAYNER E18504 Exp. 06-30-20 ELECTRICAL STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors

all drawings and written material appeari herein constitute the original and unpublis work of the architect and the same may r be duplicated used or disclosed without th written consent of the architect.

△	remarks	da
	PLAN CHECK	12.1

sheet title

ELECTRICAL TITLE SHEET

drawn by

project no 18-

date

scale

E-0.0.1

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER	MODEL	VOLT	LAMP TYPE WATTS LUMENS COLOR TEMP	BALLAST/ DRIVER	FIXTURE DESCRIPTION
F1	LITHONIA	2BLT4 60L ADSM EZ1 LP835	120/277	LED 48 W 6000 L 3500° K	0-10V DIMMING	2X4 LAY-IN DIMMABLE LED WITH CURVED CENTER
F1B	LITHONIA	2BLT4 85L ADSM EZ1 LP835	120/277	LED 74W 6000 L 3500° K	0-10V DIMMING	2X4 LAY-IN DIMMABLE LED WITH CURVED CENTER
F2	LITHONIA	2BLT2 40L ADSM EZ1 LP835	120/277	LED 31 W 4000 L HATCH	0-10V DIMMING	2X2 LAY-IN DIMMABLE LED WITH CURVED CENTER
F3	ALPHABET	NU4 RD SW 20LM 35K 80 HE60 277V 10V NC WH WH		LED 16 W 1600L 3500° K	0-10V DIMMING	4' ROUND DIMMABLE LED DOWNLIGHT
F4A	PINNACLE	EDGE EX4DI A HEA 835 835HO 4FT AC48G1 U OL2 1 0 W		LED 40W 5000L 3500° K	0-10V DIMMING	4' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION METHOD
F4A-HO	PINNACLE	EDGE EX4DI A HEA 835HO 835HO 4FT AC48G1 U OL2 1 0 W		LED 44W 5000L 3500° K	0-10V DIMMING	4' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION METHOD
F4AE-HO	PINNACLE	EDGE EX4DI A HEA 835HO 835HO 4FT AC48G1 U OL2 2 1E/1G W		LED 44W 5000L 3500° K	0-10V DIMMING	4' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION METHOD. NO UPLIGHT AND ONLY THE CENTER 4 FEET OF THE DOWNLIGHT (APPROX. 26 WATTS) IS TO BE ON INVERTER. COORDINATE REQUIREMENT FOR GENERATOR TRANSFER DEVICE WITH LIGHTING CONTROLS.
F4B	PINNACLE	EDGE EX4DI A HEA 835 835HO 8FT AC48G1 U OL2 1 0 W		LED 80W 10000L 3500° K	0-10V DIMMING	8' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION METHOD
F4BE	PINNACLE	EDGE EX4DI A HEA 835 835HO 8FT AC48G1 U OL2 2 1E/1G W		LED 80W 10000L 3500° K	0-10V DIMMING	8' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION. NO UPLIGHT AND ONLY THE CENTER 4 FEET OF THE DOWNLIGHT (APPROX.18 WATTS) IS TO BE ON INVERTER. COORDINATE REQUIREMENT FOR GENERATOR TRANSFER DEVICE WITH LIGHTING CONTROLS.
F4B-HO	PINNACLE	EDGE EX4DI A HEA 835HO 835HO 8FT AC48G1 U OL2 1 0 W		LED 88W 10000L 3500° K	0-10V DIMMING	8' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION METHOD
F4BE-HO	PINNACLE	EDGE EX4DI A HEA 835HO 835HO 8FT AC48G1 U OL2 2 1E/1G W		LED 88W 10000L 3500° K	0-10V DIMMING	8' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION. NO UPLIGHT AND ONLY THE CENTER 4 FEET OF THE DOWNLIGHT (APPROX. 26 WATTS) IS TO BE ON INVERTER. COORDINATE REQUIREMENT FOR GENERATOR TRANSFER DEVICE WITH LIGHTING CONTROLS.
F4C	PINNACLE	EDGE EX4DI A HEA 835 835HO 12FT AC48G1 U OL2 1 0 W		LED 120W 15000L 3500° K	0-10V DIMMING	12' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION METHOD
F4CE	PINNACLE	EDGE EX4DI A HEA 835 835HO 12FT AC48G1 U OL2 2 1E/1G W		LED 120W 15000L 3500° K	0-10V DIMMING	12' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION. NO UPLIGHT AND ONLY THE CENTER 4 FEET OF THE DOWNLIGHT (APPROX. 18 WATTS) IS TO BE ON INVERTER. COORDINATE REQUIREMENT FOR GENERATOR TRANSFER DEVICE WITH LIGHTING CONTROLS.
F4D	PINNACLE	EDGE EX4DI A HEA 835 835HO 6FT AC48G1 U OL2 1 0 W		LED 60W 7500L 3500° K	0-10V DIMMING	6' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION METHOD
F4DE	PINNACLE	EDGE EX4DI A HEA 835 835HO 6FT AC48G1 U OL2 2 1E/1G W		LED 60W 7500L 3500° K	0-10V DIMMING	6' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION. NO UPLIGHT AND ONLY THE CENTER 4 FEET DOWNLIGHT (APPROX. 18 WATTS) IS TO BE ON INVERTER. COORDINATE REQUIREMENT FOR GENERATOR TRANSFER DEVICE WITH LIGHTING CONTROLS.
F4D-HO	PINNACLE	EDGE EX4DI A HEA 835HO 835HO 6FT AC48G1 U OL2 1 0 W		LED 66W 7500L 3500° K	0-10V DIMMING	6' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION METHOD
F4DE-HO	PINNACLE	EDGE EX4DI A HEA 835HO 835HO 6FT AC48G1 U OL2 2 1E/1G W		LED 66W 7500L 3500° K	0-10V DIMMING	6' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION. NO UPLIGHT AND ONLY THE CENTER 4 FEET OF THE DOWNLIGHT (APPROX. 26 WATTS) IS TO BE ON INVERTER. COORDINATE REQUIREMENT FOR GENERATOR TRANSFER DEVICE WITH LIGHTING CONTROLS.
F4F	PINNACLE	EDGE EX4DI A HEA 835 835HO 10FT AC48G1 U OL2 1 0 W		LED 100W 12500L 3500° K	0-10V DIMMING	10' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION METHOD
F4FE	PINNACLE	EDGE EX4DI A HEA 835 835HO 10FT AC48G1 U OL2 2 1E/1G W		LED 100W 12500L 3500° K	0-10V DIMMING	10' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION. NO UPLIGHT AND ONLYTHE CENTER 4 FEET OF THE DOWNLIGHT (APPROX. 18 WATTS) IS TO BE ON INVERTER. COORDINATE REQUIREMENT FOR GENERATOR TRANSFER DEVICE WITH LIGHTING CONTROLS.
F4F-HO	PINNACLE	EDGE EX4DI A HEA 835HO 835HO 10FT AC48G1 U OL2 1 0 W		LED 110W 12500L 3500° K	0-10V DIMMING	10' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION METHOD
F4FE-HO	PINNACLE	EDGE EX4DI A HEA 835HO 835HO 10FT AC48G1 U OL2 2 1E/1G W		LED 110W 12500L 3500° K	0-10V DIMMING	10' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION. NO UPLIGHT AND ONLY THE CENTER 4 FEET OF THE DOWNLIGHT (APPROX. 26 WATTS) IS TO BE ON INVERTER. COORDINATE REQUIREMENT FOR GENERATOR TRANSFER DEVICE WITH LIGHTING CONTROLS.
F4G	PINNACLE	EDGE EX4DI A HEA 835 835HO 16FT AC48G1 U OL2 1 0 W		LED 160W 20000L 3500° K	0-10V DIMMING	16' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION METHOD
F4GE	PINNACLE	EDGE EX4DI A HEA 835 835HO 16FT AC48G1 U OL2 2 1E/1G W		LED 160W 20000L 3500° K	0-10V DIMMING	16' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH AC TO GRID INSTALLATION. NO UPLIGHT AND ONLY THE CENTER 4 FEET OF THE DOWNLIGHT (APPROX. 18 WATTS) IS TO BE ON INVERTER. COORDINATE REQUIREMENT FOR GENERATOR TRANSFER DEVICE WITH LIGHTING CONTROLS.
F5	PINNACLE	EDGE EX4DI A HEA 835 835HO 4FT WA U OL2 -1- 0 WH		LED 44W 5000L 3500° K	0-10V DIMMING	4' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH WALL MOUNT INSTALLATION METHOD.
F5E	PINNACLE	EDGE EX4DI A HEA 835 835HO 4FT WA U OL2-2-1E/1G-W		LED 44W 5000L 3500° K	0-10V DIMMING	4' SUSPENDED ARCHITECTURAL DIRECT/INDIRECT LINEAR DIMMABLE LED WITH WALL MOUNT INSTALLATION. ONLY THE DOWNLIGHT (APPROX. 18 WATTS) IS TO BE ON INVERTER. COORDINATE REQUIREMENT FOR GENERATOR TRANSFER DEVICE WITH LIGHTING CONTROLS.
F6	DELRAY	KLP31-3-S-E35-D		LED 33W 3000L 3500°K	0-10V DIMMING	SMALL DIMMABLE LED PENDANT FIXURE WITH OPAL GLASS OUTER SHADE
F7	PINNACLE	LINERO L6DI-A-XX (40 OR 70) - WA-U-OL2-X-O-W		LED 18W 2400L 3500°K	0-10V DIMMING	DIRECT-INDIRECT LINEAR SUSPENDED DIMMABLE LED
F8	LITHONIA	UFIT-L48-6000LM-SEF-MVOLT-GZ10-35K-80CRI-W		LED 44W 6000L 3500°K	0-10V DIMMING	LINEAR DIMMABLE SUSPENDED LED LOW BAY
F9	ALPHABET	NU6-RW-SW-40LM-35K-80-WW-277-DIM10Z-NC-WH-WH		LED 32W 3210 L 3500K	0-10V DIMMING	6" ROUND DIMMABLE LED WALL WASH FIXTURE. FIELD COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECT TO PROVIDE OPTIMAL ILLUMINATION OF DESIRED AREAS.
F10	XAL	MOVE IT 1.2 48V TRACK WITH 20 EACH MOVEINS-JUST55-WH-35K C90-MD-010V-0700LM HEADS		LED 320W 700L 3500K	0-10V DIMMING	LOW VOLTAGE (48V) LED TRACK LIGHTING SYSTEM. . PROVIDE WITH ALL HARDWARE, POWER SUPPLIES, AND APPURTENANCES REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
E1	LITHONIA	ELM2 LED		LED		EMERGENCY BUG EYE FIXTURE
X	BEGHELLI OR EQUAL	OL2-HT-LR-1-C	120/277	LED		NEW SINGLE-FACED CLEAR EDGE-LIT LED EXIT SIGN WITH RED LETTERING AND DIRECTIONAL CHEVRONS.
XA	BEGHELLI OR EQUAL	OL2-SA-LR-1-C		LED		NEW SINGLE-FACED CLEAR EDGE-LIT LED EXIT SIGN WITH RED LETTERING AND MAINTENANCE FREE BATTERY.
X2	BEGHELLI OR EQUAL	OL2-HT-LR-2-M	120/277	LED		NEW DOUBLE-FACED MIRRORED EDGE-LIT LED EXIT SIGN WITH RED LETTERING AND DIRECTIONAL CHEVRONS.

pk:architecture
5126 clareton drive suite
agoura hills, california
v 818.584.0057 f 818.584.00
w pkarchitecture.c

REGISTERED PROFESSIONAL ENGINEER
JOHN A. RAYNER
E18504
Exp. 06-30-20
ELECTRICAL
STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	da
	PLAN CHECK	12.1

sheet title

LIGHT FIXTURE SCHEDULE

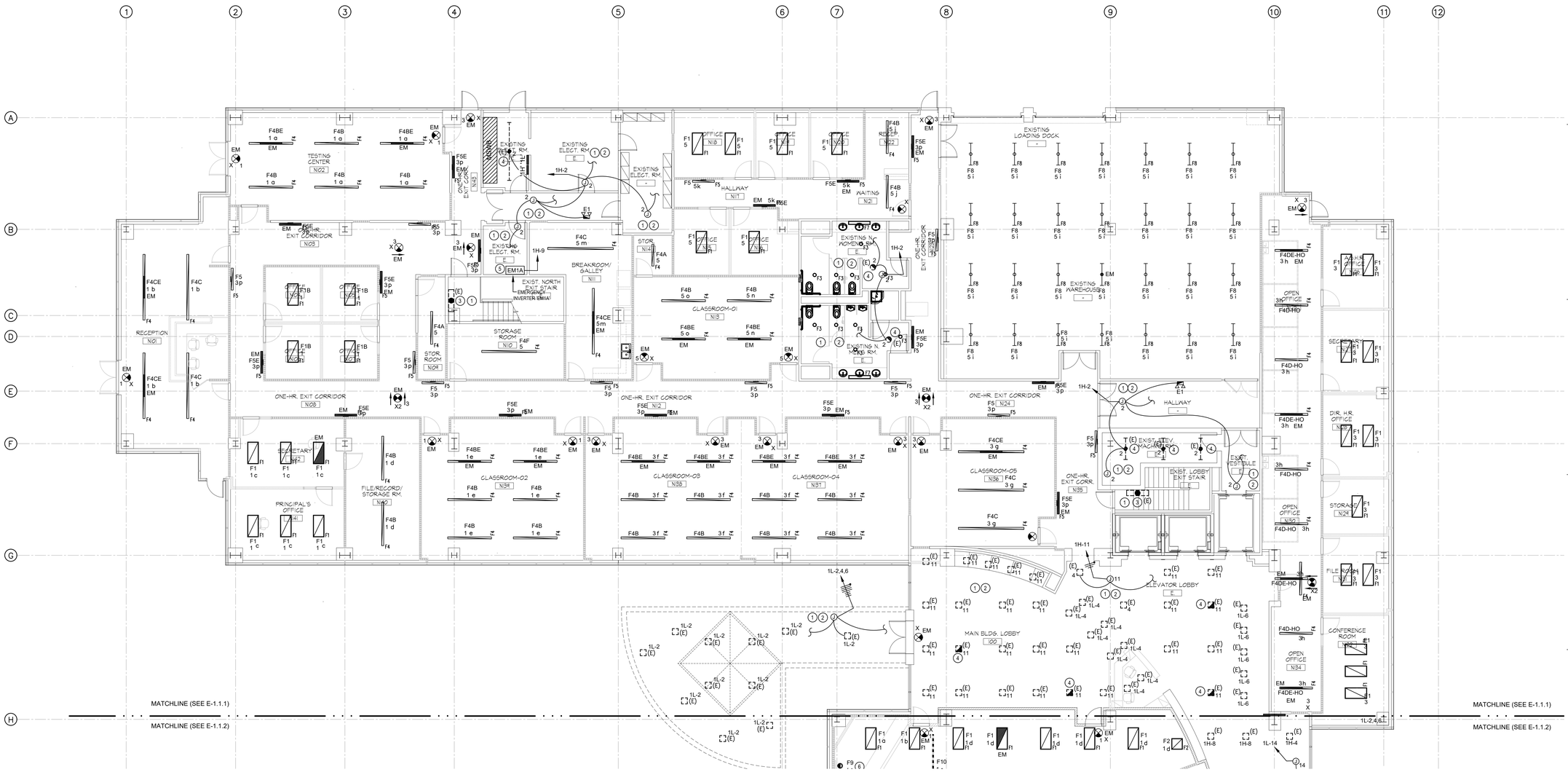
drawn by

project no 18-

date

scale

E-0.0.2



1 E-1.1.1 FIRST FLOOR LIGHTING PLAN (NORTH)
1/8" = 1'-0"

LIGHT FIXTURE SCHEDULE NOTES:

1. PROVIDE LIGHTING FIXTURE SUBMITTALS INDICATING FIXTURE TYPE WITH CATALOG NUMBERS AND FINISHES. SUBMITTALS WITH NO INFORMATION INDICATED WILL BE REJECTED.
2. PROVIDE ALL LIGHTING FIXTURES COMPLETE WITH LAMPS, CONNECTORS, MOUNTING BRACKETS, JUNCTION BOXES AND COMPLETELY WIRED, CONTROLLED AND SECURELY ATTACHED TO SUPPORTS. PROVIDE ADEQUATE SUPPORTS FOR EACH LIGHTING FIXTURE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING WEIGHTS AND MOUNTING METHODS OF ALL FIXTURES AND FOR PROVIDING SUITABLE SUPPORTS. FIXTURE MOUNTING ASSEMBLIES SHALL COMPLY WITH ALL LOCAL SEISMIC CODES AND REGULATIONS.
3. THE LIGHTING FIXTURES AND WORKMANSHIP MUST BE IN ACCORDANCE WITH THE STANDARDS AND REGULATIONS OF THE FOLLOWING:
   - UNDERWRITERS LABORATORIES
   - NATIONAL ELECTRICAL CODE (WITH STATE AMENDMENTS)
   - LOCAL BUILDING AND LIFE SAFETY CODE AGENCIES
4. CONTRACTOR IS RESPONSIBLE TO PROVIDE FINAL QUANTITIES OF THE REQUIRED LIGHTING FIXTURES PRIOR TO BID AND ORDERING. QUANTITY OF FIXTURES SHALL BE BASED ON FLOOR PLANS.
5. AT THE COMPLETION OF CONSTRUCTION, CLEAN LENSES AND REFLECTORS OF ALL LIGHT FIXTURES SO AS TO RENDER THEM FREE OF ANY MATERIAL, SUBSTANCE OR FILM FOREIGN TO THE FIXTURE. BLEMISHED OR DAMAGED FIXTURES SHALL BE REPLACED IN A SATISFACTORY MANNER.

GENERAL NOTES:

A. LIGHTING CIRCUITS ON THIS SHEET TO BE HOMERUN TO PANEL "1H" UNLESS INDICATED OTHERWISE.

B. EMERGENCY LIGHTING INDICATED AS "EM" TO BE HOMERUN TO EMERGENCY LIGHTING INVERTER "EM1A" UNLESS INDICATED OTHERWISE.

C. EXISTING CONDUIT IN GOOD CONDITION MAY BE REUSED.

D. EXISTING LIGHTING FIXTURES TO REMAIN ARE TO BE CLEANED AND RE-LAMPED AS REQUIRED.

E. PROVIDE NEW WALL DEVICES, INCLUDING RECEPTACLES, SWITCHES, ETC. FOR EXISTING WALL-MOUNTED DEVICES TO REMAIN. PROVIDE NEW DEVICE PLATES THROUGHOUT. COLOR TO BE SELECTED BY ARCHITECT.

F. CLEAN AND ADJUST EXISTING LIGHTING CONTROL SYSTEM TO REMAIN. PROVIDE NEW LIGHTING CONTROL DEVICES AS NEEDED FOR PROPER OPERATION. PROVIDE NEW WALL-MOUNTED LIGHTING CONTROL DEVICES. COLOR TO BE SELECTED BY ARCHITECT.

G. EMERGENCY LIGHTING CONDUCTORS SHALL NOT SHARE A CONDUIT WITH NORMAL LIGHTING CONDUCTORS.

H. PROVIDE UNSWITCHED HOT CONDUCTOR AHEAD OF CONTACTOR FOR EXIT SIGNS AND FIXTURES WITH EMERGENCY BALLASTS.

I. PROVIDE NEW LAMPS FOR ALL FIXTURES THAT ARE EXISTING TO REMAIN.

J. ALL OFFICES, OPEN OFFICES, RECEPTION, AND SIMILAR AREAS ARE TO BE PROVIDED WITH DIMMER SWITCHES.

KEY NOTES: (#)

1. EXISTING LIGHTING AND LOCAL LIGHTING CONTROLS IN THIS AREA TO REMAIN. REVISE EXISTING CIRCUITRY AS REQUIRED TO MAINTAIN CONTINUITY OF CIRCUITS SERVING EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS. CONNECT CIRCUITS SERVING EXISTING LIGHTING TO REMAIN TO NEW RELAY PANEL AND/OR RELAY/DIMMER PACK AND INTERLOCK WITH NEW LIGHTING CONTROL SYSTEM. VERIFY QUANTITY AND TYPE OF CONTROL DEVICES NEEDED WITH MANUFACTURER.
   NOTE: EXISTING FIXTURES MAY BE 120V OR 277V. FIELD VERIFY EXISTING VOLTAGE PRIOR TO ENERGIZING. SEE GENERAL NOTES.
2. CONNECT TO EXISTING CIRCUIT SERVING EXISTING LIGHTING TO REMAIN. ROUTE NEW HOMERUN TO PANEL AS REQUIRED.
3. EXISTING EMERGENCY LIGHTING FIXTURE WITH INTEGRAL BATTERY. TEST FIXTURE FOR PROPER OPERATION. REPLACE BATTERY OR OTHER COMPONENTS AS NEEDED TO RESTORE PROPER OPERATION. TYPICAL FOR ONE FIXTURE ON EACH FLOOR (FLOORS 1, 2, AND 3).
4. EXISTING EMERGENCY LIGHTING FIXTURE WITH INTEGRAL BATTERY. TEST FIXTURE FOR PROPER OPERATION. REPLACE BATTERY OR OTHER COMPONENTS AS NEEDED TO RESTORE PROPER OPERATION.
5. PROVIDE 3.0 KVA LIGHTING INVERTER 'EM1' WITH 277V INPUT, 277 V OUTPUT, 6-20/1 OUTPUT CIRCUIT BREAKERS, INTERNAL MAINTENANCE BYPASS, REMOTE SUMMARY ALARM PANEL, AND FACTORY STARTUP / TRAINING. PROVIDE 2#12, 1#12G FEEDER FROM PANEL '3H1'. MYERS POWER PRODUCTS # 6 IE 3 S--B D 206 A C M T 2YW. SEE SPECIFICATIONS SHEETS ON E1-1.2.

pk:architecture
5125 claireton drive, suite 110
agoura hills, california 91301
v. 818.597.0057 f. 818.597.0019
w. pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER JOHN A. RATNER E18504 Exp. 06-30-20 ELECTRICAL STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

FIRST FLOOR LIGHTING PLAN (NORTH)

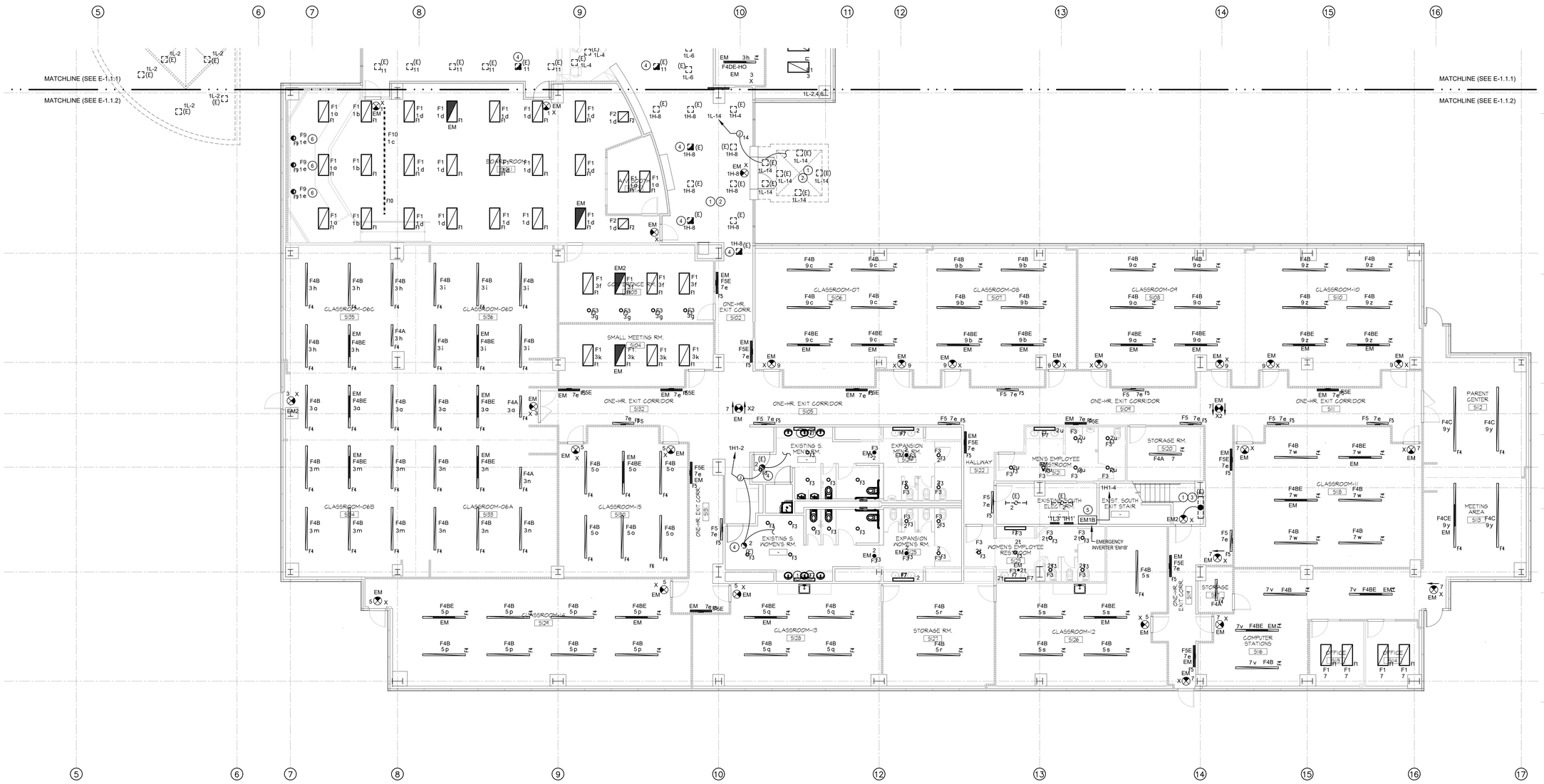
drawn by

project no 18-66.60

date

scale

E-1.1.1



1 FIRST FLOOR LIGHTING PLAN (SOUTH)
E-1.1.2 1/8" = 1'-0"

GENERAL NOTES:

A. LIGHTING CIRCUITS ON THIS SHEET TO BE HOMERUN TO PANEL "1H1" UNLESS INDICATED OTHERWISE.

B. EMERGENCY LIGHTING INDICATED AS "EM" TO BE HOMERUN TO EMERGENCY LIGHTING INVERTER "EM1B" UNLESS INDICATED OTHERWISE.

C. EXISTING CONDUIT IN GOOD CONDITION MAY BE REUSED.

D. EXISTING LIGHTING FIXTURES TO REMAIN ARE TO BE CLEANED AND RE-LAMPED AS REQUIRED.

E. PROVIDE NEW WALL DEVICES, INCLUDING RECEPTACLES, SWITCHES, ETC. FOR EXISTING WALL-MOUNTED DEVICES TO REMAIN. PROVIDE NEW DEVICE PLATES THROUGHOUT. COLOR TO BE SELECTED BY ARCHITECT.

F. CLEAN AND ADJUST EXISTING LIGHTING CONTROL SYSTEM TO REMAIN. PROVIDE NEW LIGHTING CONTROL DEVICES AS NEEDED FOR PROPER OPERATION. PROVIDE NEW WALL-MOUNTED LIGHTING CONTROL DEVICES. COLOR TO BE SELECTED BY ARCHITECT.

G. EMERGENCY LIGHTING CONDUCTORS SHALL NOT SHARE A CONDUIT WITH NORMAL LIGHTING CONDUCTORS.

H. PROVIDE UNSWITCHED HOT CONDUCTOR AHEAD OF CONTACTOR FOR EXIT SIGNS AND FIXTURES WITH EMERGENCY BALLASTS.

I. PROVIDE NEW LAMPS FOR ALL FIXTURES THAT ARE EXISTING TO REMAIN.

J. ALL OFFICES, OPEN OFFICES, RECEPTION, AND SIMILAR AREAS ARE TO BE PROVIDED WITH DIMMER SWITCHES.

KEY NOTES: (#)

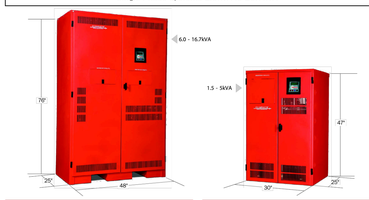
1. EXISTING LIGHTING AND LOCAL LIGHTING CONTROLS IN THIS AREA TO REMAIN. REVISE EXISTING CIRCUITRY AS REQUIRED TO MAINTAIN CONTINUITY OF CIRCUITS SERVING EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS. CONNECT CIRCUITS SERVING EXISTING LIGHTING TO REMAIN TO NEW RELAY PANEL AND/OR RELAY/DIMMER PACK AND INTERLOCK WITH NEW LIGHTING CONTROL SYSTEM. VERIFY QUANTITY AND TYPE OF CONTROL DEVICES NEEDED WITH MANUFACTURER.
   NOTE: EXISTING FIXTURES MAY BE 120V OR 277V. FIELD VERIFY EXISTING VOLTAGE PRIOR TO ENERGIZING. SEE GENERAL NOTES.
2. CONNECT TO EXISTING CIRCUIT SERVING EXISTING LIGHTING TO REMAIN. ROUTE NEW HOMERUN TO PANEL AS REQUIRED.
3. EXISTING EMERGENCY LIGHTING FIXTURE WITH INTEGRAL BATTERY. TEST FIXTURE FOR PROPER OPERATION. REPLACE BATTERY OR OTHER COMPONENTS AS NEEDED TO RESTORE PROPER OPERATION. TYPICAL FOR ONE FIXTURE ON EACH FLOOR (FLOORS 1, 2, AND 3).
4. EXISTING EMERGENCY LIGHTING FIXTURE WITH INTEGRAL BATTERY. TEST FIXTURE FOR PROPER OPERATION. REPLACE BATTERY OR OTHER COMPONENTS AS NEEDED TO RESTORE PROPER OPERATION.
5. PROVIDE 3.0 KVA LIGHTING INVERTER 'EM2' WITH 277V INPUT, 277 V OUTPUT, 6-20/1 OUTPUT CIRCUIT BREAKERS, INTERNAL MAINTENANCE BYPASS, REMOTE SUMMARY ALARM PANEL, AND FACTORY STARTUP / TRAINING. PROVIDE 2#12, 1#12G FEEDER FROM PANEL '3H1'. MYERS POWER PRODUCTS # 6 IE 3 S--B D 206 A C M T 2YW. SEE SPECIFICATIONS SHEETS ON E-1.2.
6. MOUNTING LOCATION TO BE ADJUSTED AS NEEDED TO PROVIDE OPTIMAL ILLUMINATION OF TARGETED AREA. FIELD COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECT.

2 EMERGENCY INVERTER SPECIFICATIONS
E-1.2 N.T.S.

MYERS Power Products, Inc.

Illuminator Series IE
Emergency Lighting Inverter System

Interruptible Power System
Single Phase Systems 1.5kVA to 16.7kVA



STANDARD FEATURES

- 98% Efficient
- PWM/IGBT Technology
- Micro-Processor Control
- User Programmable with Password Protection
- UL 924 Listed
- Automatic Event, Test and Alarm Log
- RS232 Communications Port
- Input Circuit Breaker
- Modular Design
- Low Audible Noise
- Single Cabinet for Batteries and Inverter

OPTIONAL FEATURES

- E-Mail/Fax Modem
- Internal Maintenance Bypass
- Summary Form C Contacts
- Modem
- Remote Meter Panel
- Output Circuit Breakers
- Extended Factory Warranty
- Factory Startup and Training
- Normally Off Output
- Output Trip Alarms
- Remote Summary Alarm Panel

SPECIFICATIONS

- Input 120 or 277VAC 1 Phase 2 Wire Plus Ground
- Output 120 or 277VAC 1 Phase 2 Wire Plus Ground
- Output Load Power Factor .5 Lag to.5 Lead
- Electronic and Magnetic Ballast Compatible
- Output Distortion Less than 3% THD for Linear Loads
- Forced Air Cooling only during Emergency Operation, No Filters Required
- Generator Compatibility
- 90 Minute Runtime Standard; Other Runtimes Available upon Request
- Custom Voltages Available

Example Model Number:
1-IE-4-S-BA2007-F-T-S-M-N-2YW

6	IE	1	S	--	B D 20 6	A C M T	2YW

SYSTEM TYPE
E - Illuminator Series "E"
IE - Illuminator Series "IE"

VOLTAGE (INPUT/OUTPUT)[1]
1 - 120/120
2 - 120/120/277
3 - 208/120
4 - 240/120/240
5 - 277/120
6 - 277/277
7 - 277/277/120
8 - 208/120/240
9 - 347/347
A - 208/120/208
Z - Other Voltages

BATTERY TYPE
S - Standard (VRLA)
G - VRLA 20-Hour

KVA/KW[2]
1 - 1.5
2 - 2.25
3 - 3.75
4 - 5.0
5 - 6.0
6 - 6.0
7 - 8.0
8 - 10.0
9 - 12.5
10 - 16.7

RUNTIME[3]
(Other than 90 minutes)
R15 - 15 Minutes
R30 - 30 Minutes
R60 - 60 Minutes
R120 - 120 Minutes
R180 - 180 Minutes
R240 - 240 Minutes

OUTPUT
B - Normally On
N - Normally Off[4]

VOLTAGE
A - 120
B - 208
C - 240
D - 277
Z - Other

AMP RATING
10, 15, 20, 25, 30, 40, 50, 60

QUANTITY
01 - 24[5]
(List all circuit breaker requirements separately, ex: BA2007 - 1A1001.)

OUTPUT BREAKERS
Example: B & 20 07

WARRANTY[1]
2YW - Factory Start-Up Extended 2-Year Warranty
5YP - 5-Year Preventative Maintenance Plan, Start-Up Included
5YW - 5-Year Extended Electronics Warranty
5MP[1] - Service Monitoring Plan

OPTIONS
A - Remote Summary Alarm Panel
C - Status Monitoring Contacts
E - E-Mail Modem
F - Fast Charge
I - Inverter On Dry Contact
M - Maintenance Bypass[1]
R - Remote Meter Panel
S - Summary Fault Form C Contacts
T - Output Trip[1] (Supervised) Alarm
V - Time Delay 15 min.
Z - Seismic Zone 4

ACCESSORIES
MOD - Modem
EMBP[1,4] - External Maintenance Bypass Switch

A) Cannot purchase External Maintenance Bypass Switch with Branch Circuit Breaker options.

1) Only single phase voltages available.
2) KVA = kW
3) Standard battery run time is 90 minutes.
4) Normally off loads on Series E cannot exceed 20% of total KVA rating with any combination of H.I.D. Loads.
5) Maximum output breakers available: 12 unsupervised (1-pole), or 8 supervised (1-pole) for 1.5 - 5 kVA, and 24 unsupervised (1-pole), or 18 supervised (1-pole) for 6 - 16.7 kVA. Breakers are supplied 1-pole unless otherwise specified. Where 2-pole breaker occupies 2 positions.
6) Maintenance bypass switch is a "make before break".
7) Standard one year warranty.
8) Requires Factory Start-up and E-mail/Modem options. This program will provide monitoring of the lighting inverter system by our factory service department. All monthly and yearly system tests will be performed by our factory service department. Any warning signs of any system malfunction. Any system alarms and monthly/yearly test results will automatically be E-mailed to our service department where corrective action can be taken and while under warranty, if necessary, a factory authorized service technician will be scheduled to complete any necessary repairs. This monitoring program will require a dedicated telephone line.
9) 15 minute retransfer time delay of normally off circuit after return of utility.

UPS Electronics Module

Model Number	Power Rating (kVA)	Power Rating (kW)	Efficiency (@ full load)	Audible Noise (dBA @ 1m)	Heat Loss (BTU)	Cabinet Dimensions Width (in/cm)	Height (in/cm)	Depth (in/cm)	Weight (lb/kg)
6-IE-S	3.0	3.0	98	45	102	30/77	47/119	25/64	223/99
8-IE-S	4.5	4.5	98	45	153	30/77	47/119	25/64	225/102
8-IE-S	7.0	7.0	98	45	204	30/77	47/119	25/64	230/107
8-IE-S	3.75	3.75	98	45	255	30/77	47/119	25/64	240/109
8-IE-S	5.0	5.0	98	45	306	30/77	47/119	25/64	245/111
8-IE-S	6.0	6.0	98	45	408	48/122	76/193	25/64	605/272
8-IE-S	6.0	6.0	98	45	344	48/122	76/193	25/64	640/288
8-IE-S	8.0	8.0	98	45	459	48/122	76/193	25/64	650/293
8-IE-S	12.5	12.5	98	45	800	48/122	76/193	25/64	805/362
8-IE-S	16.7	16.7	98	45	1135	48/122	76/193	25/64	885/398

Batteries
(90 Minutes @ Full Load)

90 Minute Batteries	Number of Batteries	Voltage (VDC)	Current (Amperes)	Total System Weight (lb/kg)
288/130	4	48	39	513/230
576/259	8	48	39	817/372
992/446	8	96	38	827/372
740/330	10	120	37	980/441
1480/666	20	240	39	1710/772
1110/500	15	180	40	1735/772
1480/666	20	240	39	2120/954
2220/999	30	180	82	3025/1363
2220/999	30	180	82	3025/1363
2960/1332	40	240	80	3845/1730

MYERS Power Products, Inc.
Tel: 610-868-3500 Fax: 610-868-8686
www.myerspowerproducts.com

Specifications are subject to change without notice to reflect improvements and upgrades.

08-05-2008

pk:architecture
5105 Clareton drive suite 160
agoura hills, california 91301
v. 818.597.0057 f. 818.597.0019
w. pkarchitecture.net

STRUCTURAL PROFESSIONAL ENGINEER
TIMOTHY A. RATNER
E18504
Exp. 06-30-20
ELECTRICAL
STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

FIRST FLOOR LIGHTING PLAN (SOUTH)

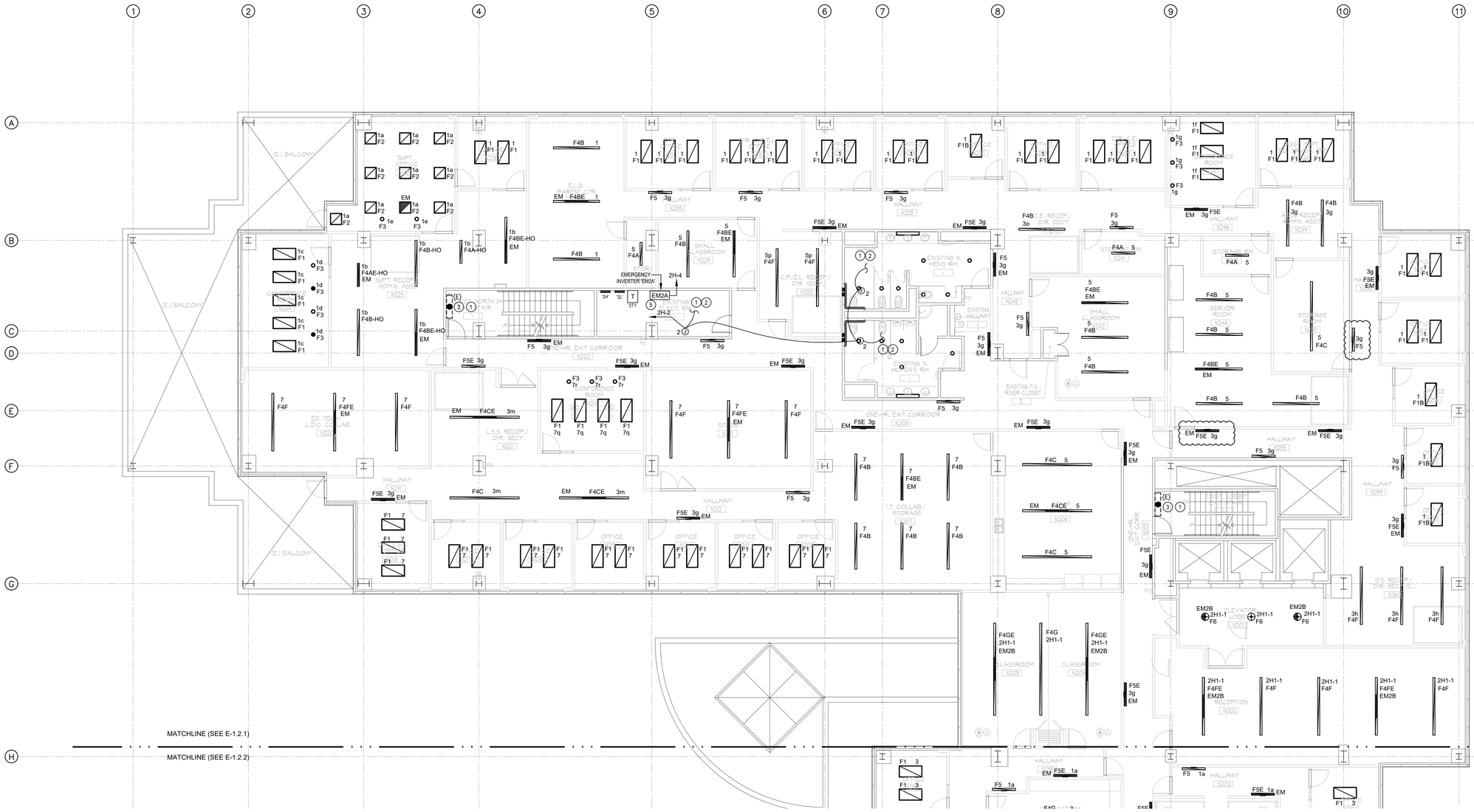
drawn by

project no 18-6660

date

scale

E-1.1.2



NOTE: LIGHTING CONTROLS TO BE PLUG AND PLAY NLIGHT CONTROLS AS SPECIFIED, OR HUBBELL NX EQUIVALENT

1 SECOND FLOOR LIGHTING PLAN (NORTH)
E-1.2.1 1/8" = 1'-0"

LIGHT FIXTURE SCHEDULE NOTES:

1. PROVIDE LIGHTING FIXTURE SUBMITTALS INDICATING FIXTURE TYPE WITH CATALOG NUMBERS AND FINISHES. SUBMITTALS WITH NO INFORMATION INDICATED WILL BE REJECTED.
2. PROVIDE ALL LIGHTING FIXTURES COMPLETE WITH LAMPS, CONNECTORS, MOUNTING BRACKETS, JUNCTION BOXES AND COMPLETELY WIRED, CONTROLLED AND SECURELY ATTACHED TO SUPPORTS. PROVIDE ADEQUATE SUPPORTS FOR EACH LIGHTING FIXTURE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING WEIGHTS AND MOUNTING METHODS OF ALL FIXTURES AND FOR PROVIDING SUITABLE SUPPORTS. FIXTURE MOUNTING ASSEMBLIES SHALL COMPLY WITH ALL LOCAL SEISMIC CODES AND REGULATIONS.
3. THE LIGHTING FIXTURES AND WORKMANSHIP MUST BE IN ACCORDANCE WITH THE STANDARDS AND REGULATIONS OF THE FOLLOWING:
   - UNDERWRITERS LABORATORIES
   - NATIONAL ELECTRICAL CODE (WITH STATE AMENDMENTS)
   - LOCAL BUILDING AND LIFE SAFETY CODE AGENCIES
4. CONTRACTOR IS RESPONSIBLE TO PROVIDE FINAL QUANTITIES OF THE REQUIRED LIGHTING FIXTURES PRIOR TO BID AND ORDERING. QUANTITY OF FIXTURES SHALL BE BASED ON FLOOR PLANS.
5. AT THE COMPLETION OF CONSTRUCTION, CLEAN LENSES AND REFLECTORS OF ALL LIGHT FIXTURES SO AS TO RENDER THEM FREE OF ANY MATERIAL, SUBSTANCE OR FILM FOREIGN TO THE FIXTURE. BLEMISHED OR DAMAGED FIXTURES SHALL BE REPLACED IN A SATISFACTORY MANNER.

GENERAL NOTES:

A. LIGHTING CIRCUITS SHOWN ON THIS SHEET TO BE HOMERUN TO PANEL '2H' UNLESS INDICATED OTHERWISE.

B. EMERGENCY LIGHTING INDICATED AS "EM" TO BE HOMERUN TO EMERGENCY LIGHTING INVERTER "EM2A" UNLESS INDICATED OTHERWISE.

C. EXISTING CONDUIT IN GOOD CONDITION MAY BE REUSED.

D. EXISTING LIGHTING FIXTURES TO REMAIN ARE TO BE CLEANED AND RE-LAMPED AS REQUIRED.

E. PROVIDE NEW WALL DEVICES, INCLUDING RECEPTACLES, SWITCHES, ETC. FOR EXISTING WALL-MOUNTED DEVICES TO REMAIN. PROVIDE NEW DEVICE PLATES THROUGHOUT. COLOR TO BE SELECTED BY ARCHITECT.

F. CLEAN AND ADJUST EXISTING LIGHTING CONTROL SYSTEM TO REMAIN. PROVIDE NEW LIGHTING CONTROL DEVICES AS NEEDED FOR PROPER OPERATION. PROVIDE NEW WALL-MOUNTED LIGHTING CONTROL DEVICES. COLOR TO BE SELECTED BY ARCHITECT.

G. EMERGENCY LIGHTING CONDUCTORS SHALL NOT SHARE A CONDUIT WITH NORMAL LIGHTING CONDUCTORS.

H. PROVIDE UNSWITCHED HOT CONDUCTOR AHEAD OF CONTACTOR FOR EXIT SIGNS AND FIXTURES WITH EMERGENCY BALLASTS.

I. PROVIDE NEW LAMPS FOR ALL FIXTURES THAT ARE EXISTING TO REMAIN.

J. ALL OFFICES, OPEN OFFICES, RECEPTION, AND SIMILAR AREAS TO BE PROVIDED WITH DIMMER SWITCHES.

KEY NOTES: (#)

1. EXISTING LIGHTING AND LOCAL LIGHTING CONTROLS IN THIS AREA TO REMAIN. REVISE EXISTING CIRCUITRY AS REQUIRED TO MAINTAIN CONTINUITY OF CIRCUITS SERVING EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS. CONNECT CIRCUITS SERVING EXISTING LIGHTING TO REMAIN TO NEW RELAY PANEL AND/OR RELAY/DIMMER PACK AND INTERLOCK WITH NEW LIGHTING CONTROL SYSTEM. VERIFY QUANTITY AND TYPE OF CONTROL DEVICES NEEDED WITH MANUFACTURER.
   NOTE: EXISTING FIXTURES MAY BE 120V OR 277V. FIELD VERIFY EXISTING VOLTAGE PRIOR TO ENERGIZING. SEE GENERAL NOTES.
2. CONNECT TO EXISTING CIRCUIT SERVING EXISTING LIGHTING TO REMAIN. ROUTE NEW HOMERUN TO PANEL AS REQUIRED.
3. REPLACE EXISTING COMPACT FLUORESCENT FIXTURE WITH NEW DIMMABLE LED FIXTURE TYPE F7. PROVIDE NEW TITLE 24-COMPLIANT LIGHTING CONTROLS.
4. EXISTING LED RECESSED CAN TO REMAIN WHERE INDICATED WITH (E). RE-CIRCUIT AND PROVIDE NEW TITLE 24-COMPLIANT LIGHTING CONTROLS.
5. EXISTING RECESSED DECORATIVE FLUORESCENT FIXTURE TO REMAIN. RE-CIRUIT AND PROVIDE NEW TITLE 24-COMPLIANT CONTROLS.
6. EXISTING DECORATIVE PENDANT FIXTURES IN THIS AREA TO BE REMOVED, CLEANED, AND REINSTALLED IN RECEPTION AREA. SEE FIXTURE TYPE F3.
7. PROVIDE 1.5 KVA LIGHTING INVERTER 'EM1' WITH 277V INPUT, 277 V OUTPUT, 3-20/1 OUTPUT CIRCUIT BREAKERS, INTERNAL MAINTENANCE BYPASS, REMOTE SUMMARY ALARM PANEL, AND FACTORY STARTUP / TRAINING. PROVIDE 2#12, 1#12G FEEDER FROM PANEL '3H1'. MYERS POWER PRODUCTS # 6 IE 1 S--B D 203 A C M T 2YW. SEE SPECIFICATIONS SHEETS ON E-1.2.
8. EXISTING EMERGENCY LIGHTING FIXTURE WITH INTEGRAL BATTERY. TEST FIXTURE FOR PROPER OPERATION. REPLACE BATTERY OR OTHER COMPONENTS AS NEEDED TO RESTORE PROPER OPERATION. TYPICAL FOR ONE FIXTURE ON EACH FLOOR (FLOORS 1, 2, AND 3).
9. EXISTING EMERGENCY LIGHTING FIXTURE WITH INTEGRAL BATTERY. TEST FIXTURE FOR PROPER OPERATION. REPLACE BATTERY OR OTHER COMPONENTS AS NEEDED TO RESTORE PROPER OPERATION.

pk:architecture
5126 clareton drive suite 110
agoura hills california 91301
v 818.597.0057 f 818.597.0059
w pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER
JOA.RAYNER
E18504
Exp. 06-30-20
ELECTRICAL
STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

SECOND FLOOR LIGHTING PLAN (NORTH)

drawn by

project no 18-6660

date

scale

E-1.2.1

1 E-1.2.2 SECOND FLOOR LIGHTING PLAN (SOUTH)
1/8" = 1'-0"

GENERAL NOTES:

A. LIGHTING CIRCUITS SHOWN ON THIS SHEET TO BE HOMERUN TO PANEL '2H1' UNLESS INDICATED OTHERWISE.

B. EMERGENCY LIGHTING INDICATED AS "EM" TO BE HOMERUN TO EMERGENCY LIGHTING INVERTER "EM2B" UNLESS INDICATED OTHERWISE.

C. EXISTING CONDUIT IN GOOD CONDITION MAY BE REUSED.

D. EXISTING LIGHTING FIXTURES TO REMAIN ARE TO BE CLEANED AND RE-LAMPED AS REQUIRED.

E. PROVIDE NEW WALL DEVICES, INCLUDING RECEPTACLES, SWITCHES, ETC. FOR EXISTING WALL-MOUNTED DEVICES TO REMAIN. PROVIDE NEW DEVICE PLATES THROUGHOUT. COLOR TO BE SELECTED BY ARCHITECT.

F. CLEAN AND ADJUST EXISTING LIGHTING CONTROL SYSTEM TO REMAIN. PROVIDE NEW LIGHTING CONTROL DEVICES AS NEEDED FOR PROPER OPERATION. PROVIDE NEW WALL-MOUNTED LIGHTING CONTROL DEVICES. COLOR TO BE SELECTED BY ARCHITECT.

G. EMERGENCY LIGHTING CONDUCTORS SHALL NOT SHARE A CONDUIT WITH NORMAL LIGHTING CONDUCTORS.

H. PROVIDE UNSWITCHED HOT CONDUCTOR AHEAD OF CONTACTOR FOR EXIT SIGNS AND FIXTURES WITH EMERGENCY BALLASTS.

I. PROVIDE NEW LAMPS FOR ALL FIXTURES THAT ARE EXISTING TO REMAIN.

J. ALL OFFICES, OPEN OFFICES, RECEPTION, AND SIMILAR AREAS TO BE PROVIDED WITH DIMMER SWITCHES.

KEY NOTES:

1. EXISTING LIGHTING AND LOCAL LIGHTING CONTROLS IN THIS AREA TO REMAIN. REVISE EXISTING CIRCUITRY AS REQUIRED TO MAINTAIN CONTINUITY OF CIRCUITS SERVING EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS. CONNECT CIRCUITS SERVING EXISTING LIGHTING TO REMAIN TO NEW RELAY PANEL AND/OR RELAY/DIMMER PACK AND INTERLOCK WITH NEW LIGHTING CONTROL SYSTEM. VERIFY QUANTITY AND TYPE OF CONTROL DEVICES NEEDED WITH MANUFACTURER.
NOTE: EXISTING FIXTURES MAY BE 120V OR 277V. FIELD VERIFY EXISTING VOLTAGE PRIOR TO ENERGIZING. SEE GENERAL NOTES.

2. CONNECT TO EXISTING CIRCUIT SERVING EXISTING LIGHTING TO REMAIN. ROUTE NEW HOMERUN TO PANEL AS REQUIRED.

3. REPLACE EXISTING COMPACT FLUORESCENT FIXTURE WITH NEW DIMMABLE LED FIXTURE TYPE F7. PROVIDE NEW TITLE 24-COMPLIANT LIGHTING CONTROLS.

4. EXISTING LED RECESSED CAN TO REMAIN WHERE INDICATED WITH (E). RE-CIRCUIT AND PROVIDE NEW TITLE 24-COMPLIANT LIGHTING CONTROLS.

5. EXISTING RECESSED DECORATIVE FLUORESCENT FIXTURE TO REMAIN. RE-CIRUIT AND PROVIDE NEW TITLE 24-COMPLIANT CONTROLS.

6. EXISTING DECORATIVE PENDANT FIXTURES IN THIS AREA TO BE REMOVED, CLEANED, AND REINSTALLED IN RECEPTION AREA. SEE FIXTURE TYPE F3.

7. PROVIDE 1.5 KVA LIGHTING INVERTER 'EM2' WITH 277V INPUT, 277 V OUTPUT, 3-20/1 OUTPUT CIRCUIT BREAKERS, INTERNAL MAINTENANCE BYPASS, REMOTE SUMMARY ALARM PANEL, AND FACTORY STARTUP / TRAINING. PROVIDE 2#12, 1#12G FEEDER FROM PANEL '3H2'. MYERS POWER PRODUCTS # 6 IE 1 S--B D 203 A C M T 2YW. SEE SPECIFICATION SHEETS, THIS DRAWING.

8. EXISTING EMERGENCY LIGHTING FIXTURE WITH INTEGRAL BATTERY. TEST FIXTURE FOR PROPER OPERATION. REPLACE BATTERY OR OTHER COMPONENTS AS NEEDED TO RESTORE PROPER OPERATION. TYPICAL FOR ONE FIXTURE ON EACH FLOOR (FLOORS 1, 2, AND 3).

9. EXISTING EMERGENCY LIGHTING FIXTURE WITH INTEGRAL BATTERY. TEST FIXTURE FOR PROPER OPERATION. REPLACE BATTERY OR OTHER COMPONENTS AS NEEDED TO RESTORE PROPER OPERATION.

pk:a pk:architecture
5126 clareton drive . suite 110
agoura hills . california 91301
v: 818.584.0057 f: 818.584.0019
w: pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER JOA. RAYNER E18504 Exp. 06-30-20 ELECTRICAL STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

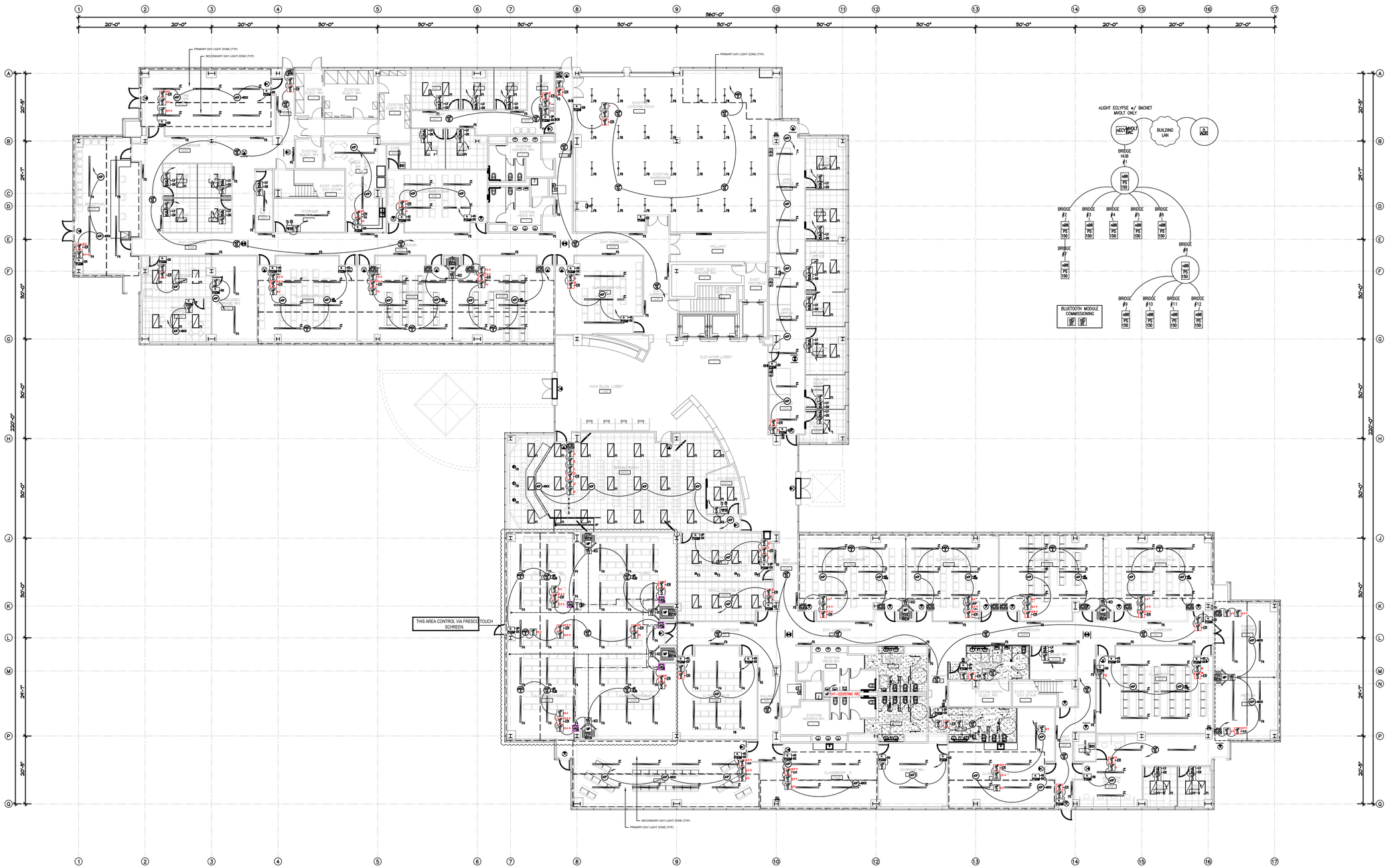
all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title
SECOND FLOOR LIGHTING PLAN (SOUTH)

drawn by
project no 18-66.60
date
scale

E-1.2.2



1 E-2.1.1 FIRST FLOOR LIGHTING CONTROLS PLAN
NOT TO SCALE

BACKBONE WIRING DIAGRAM

exact configuration to be determined by contractor based upon field conditions, this diagram is for reference purposes only.

pk:architecture
5100 clareton drive suite 110
agoura hills, california 91301
v. 818.991.0057 f. 818.991.0060
w. pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER
JOHN A. RATNER
E18504
Exp. 06-30-20
ELECTRICAL
STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

FIRST FLOOR
LIGHTING
CONTROLS PLAN

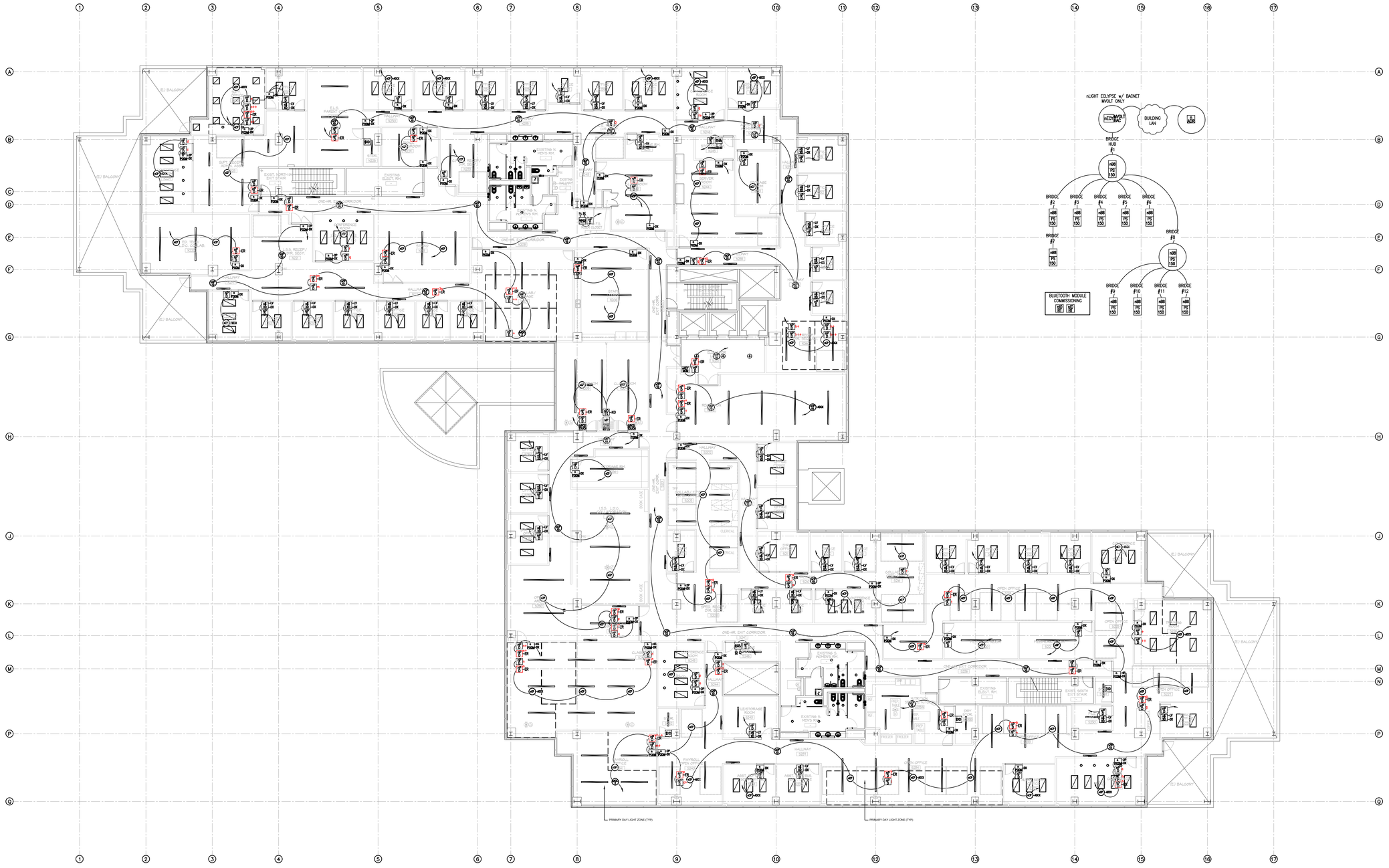
drawn by

project no 18-6660

date

scale

E-2.1.1



1 E-2.1.2 SECOND FLOOR LIGHTING CONTROLS PLAN
NOT TO SCALE

BACKBONE WIRING DIAGRAM

exact configuration to be determined by contractor based upon field conditions, this diagram is for reference purposes only.

pk:architecture
5165 clareton drive, suite 110
agoura hills, california 91301
v. 818.564.0057 f. 818.564.0019
w. pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER
JO A. RATNER
E18504
Exp. 06-30-20
ELECTRICAL
STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

SECOND FLOOR LIGHTING CONTROLS PLAN

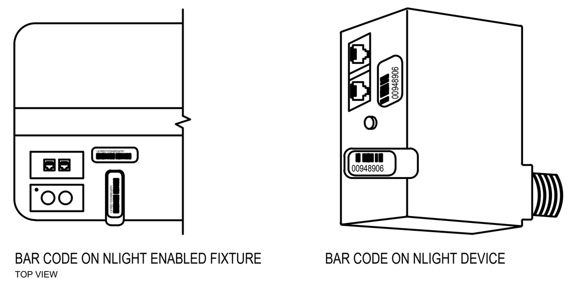
drawn by

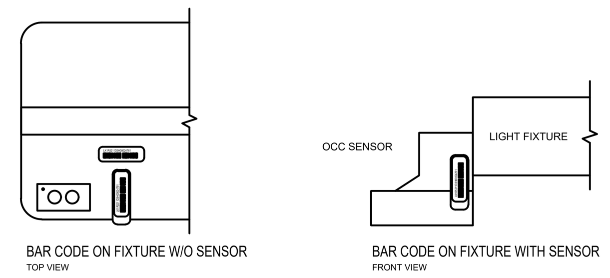
project no 18-6660

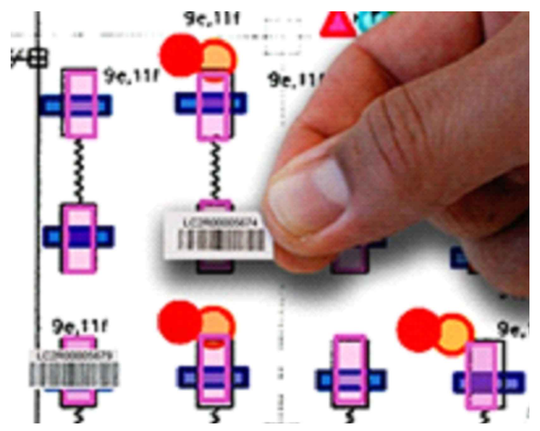
date

scale

E-2.1.2







IMPORTANT: WIRELESS LUMINAIRE AND DEVICE BARCODES

The small barcode labels included with all XPoint Wireless luminaires and devices must be placed on a printed plan by the installer prior to Onsite System Startup.

The barcode indicates the unique ID of each XPoint Wireless device. This ID is used during System Startup to program devices with the correct groupings and settings. Without this, System Startup will require additional days on the job to locate device IDs.

Barcode Instructions:

1. Print a plan of the installation area to a minimum D size (24" x 36"). The plan may be a reflected ceiling plan, lighting plan, or electrical plan, so long as all devices can be located by the Field Support Engineer.

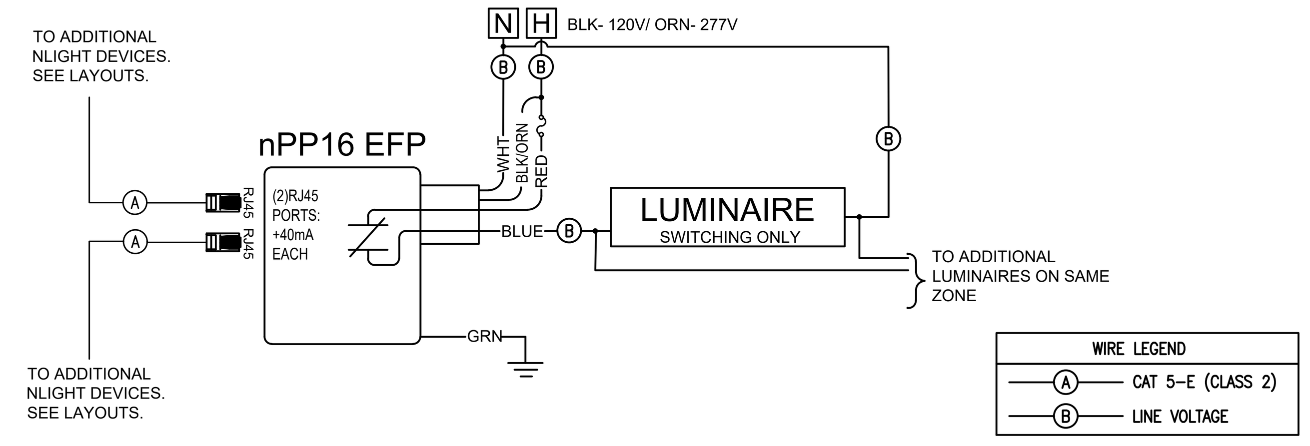
2. Place the small barcode label (0.875" long) from each luminaire and device on the floorplan. The large barcode label (1.25" long) can be used on the outside of any housing or junction box that obscures the ID number shown on the device itself.

3. Save the plan at the job site, and hand over to Acuity Field Support Engineer or other personnel responsible for Onsite System Startup. It is also acceptable to provide the barcode plan in the following ways:
   a. Scan plan(s) with labels to PDF and email to controls.startups@acuitybrands.com, with Project Name and Project Address in subject line and a copy of the Onsite Startup Request form.
   b. Send plan(s), with a hard copy of the Onsite Startup Request form, via courier with tracking services (e.g. FedEx) to: Acuity Brands - Controls Startups, 9144 Deering Ave, Los Angeles, CA 91311

Additional Notes:
1. Draw on plan any location changes for a fixture or devices, if different than shown on plan.
2. Highlight or circle on the plan any luminaire fed by emergency or egress circuit.

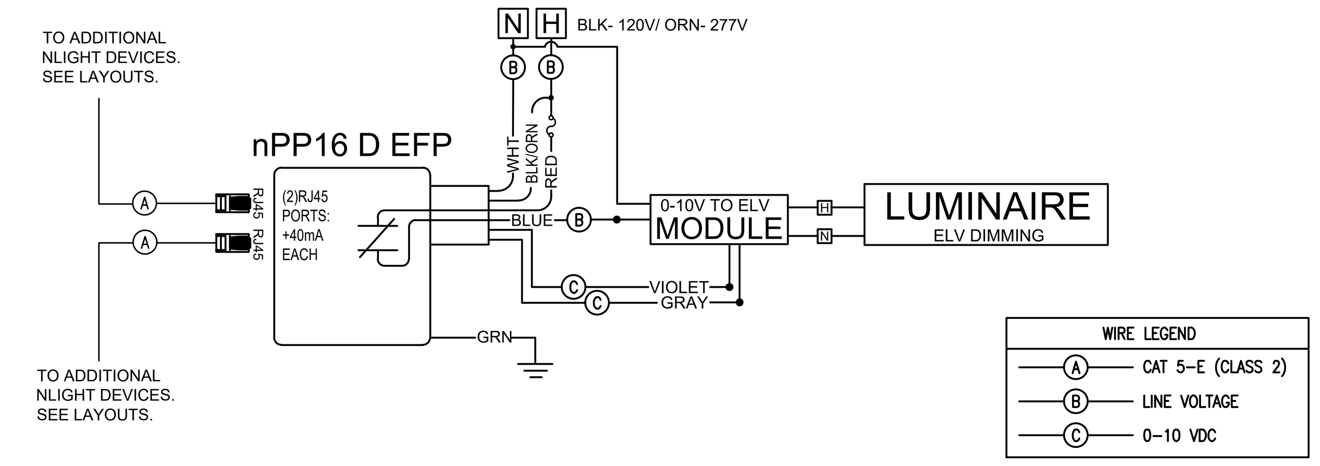
NLIGHT BARCODE INSTRUCTIONS

N.T.S.



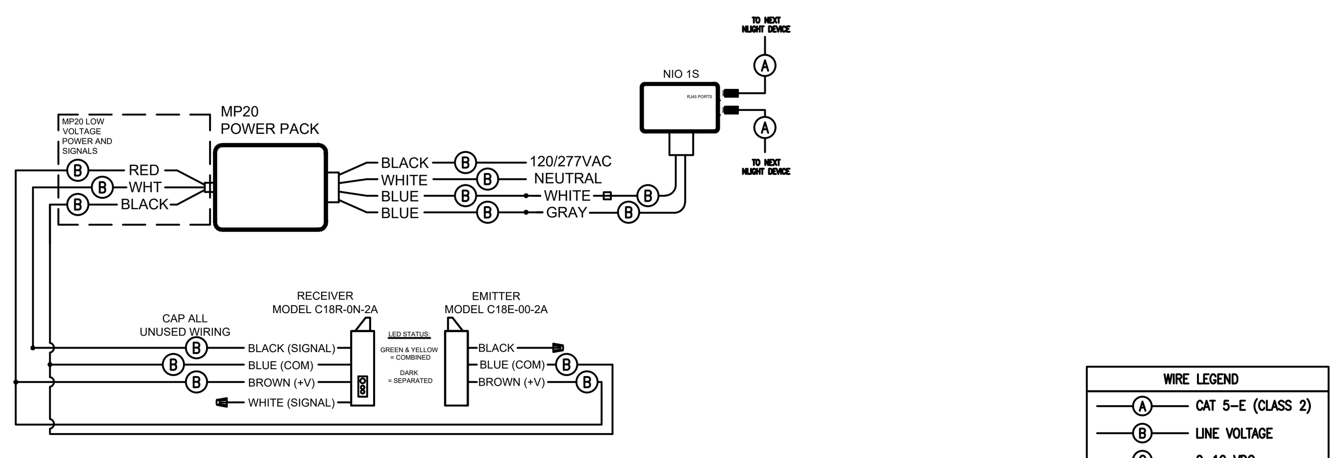
TYPICAL WIRING DIAGRAM: NPP16 EFP

N.T.S.



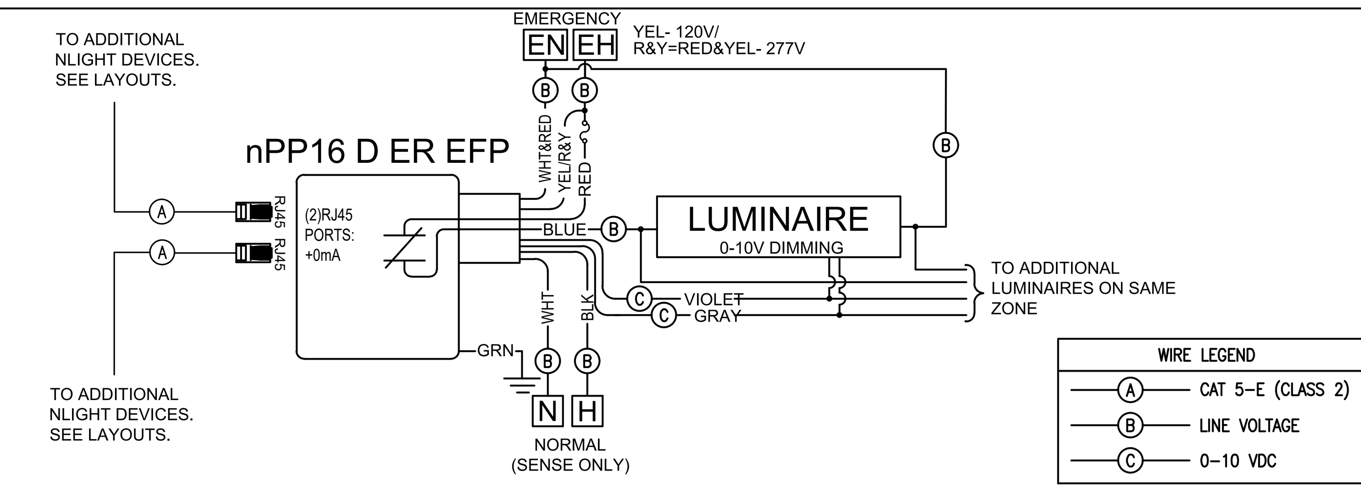
TYPICAL WIRING DIAGRAM: NPP16 D EFP

N.T.S.



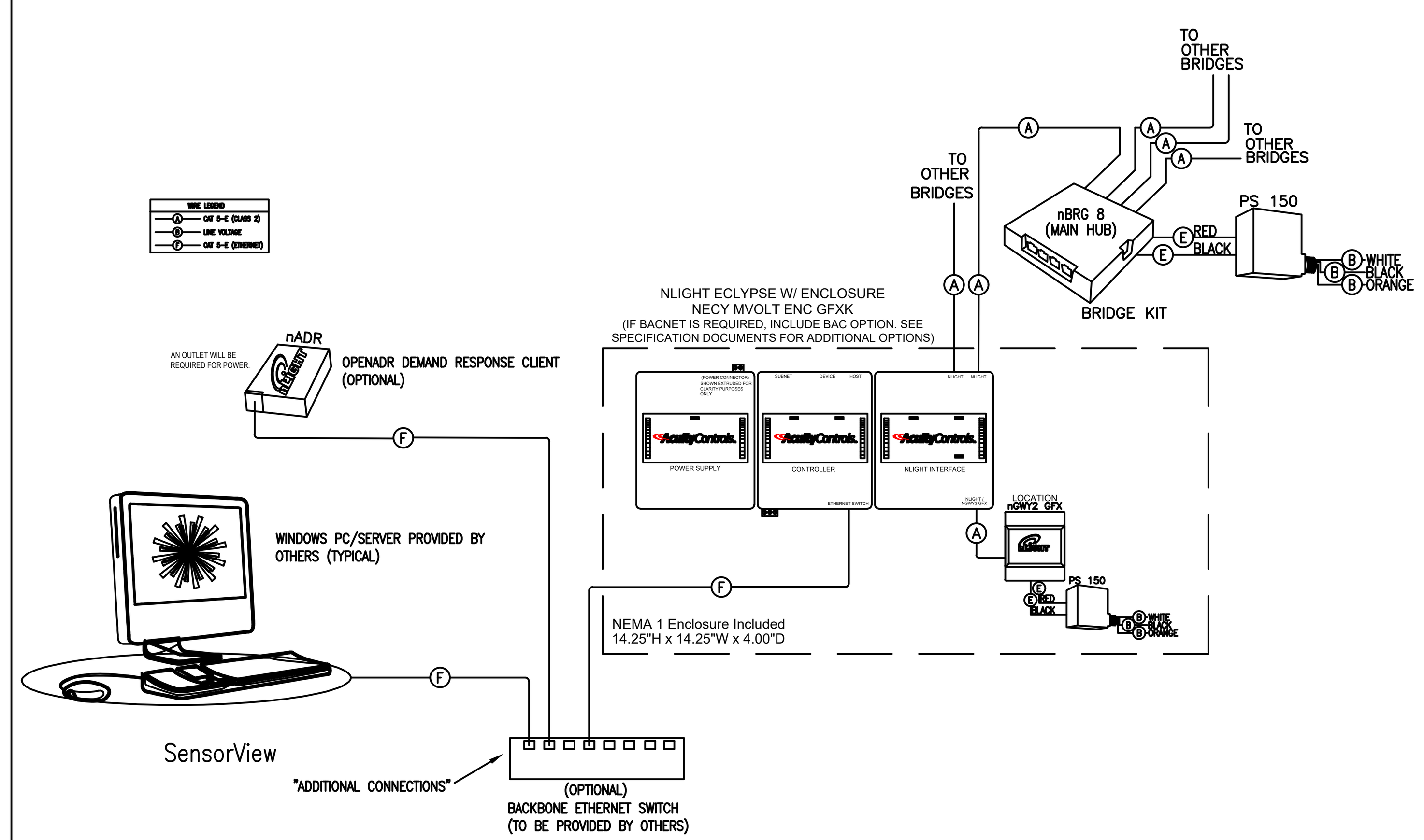
TYPICAL WIRING DIAGRAM: SYA IR PARTITION

N.T.S.



TYPICAL WIRING DIAGRAM: NPP16 D ER EFP

N.T.S.

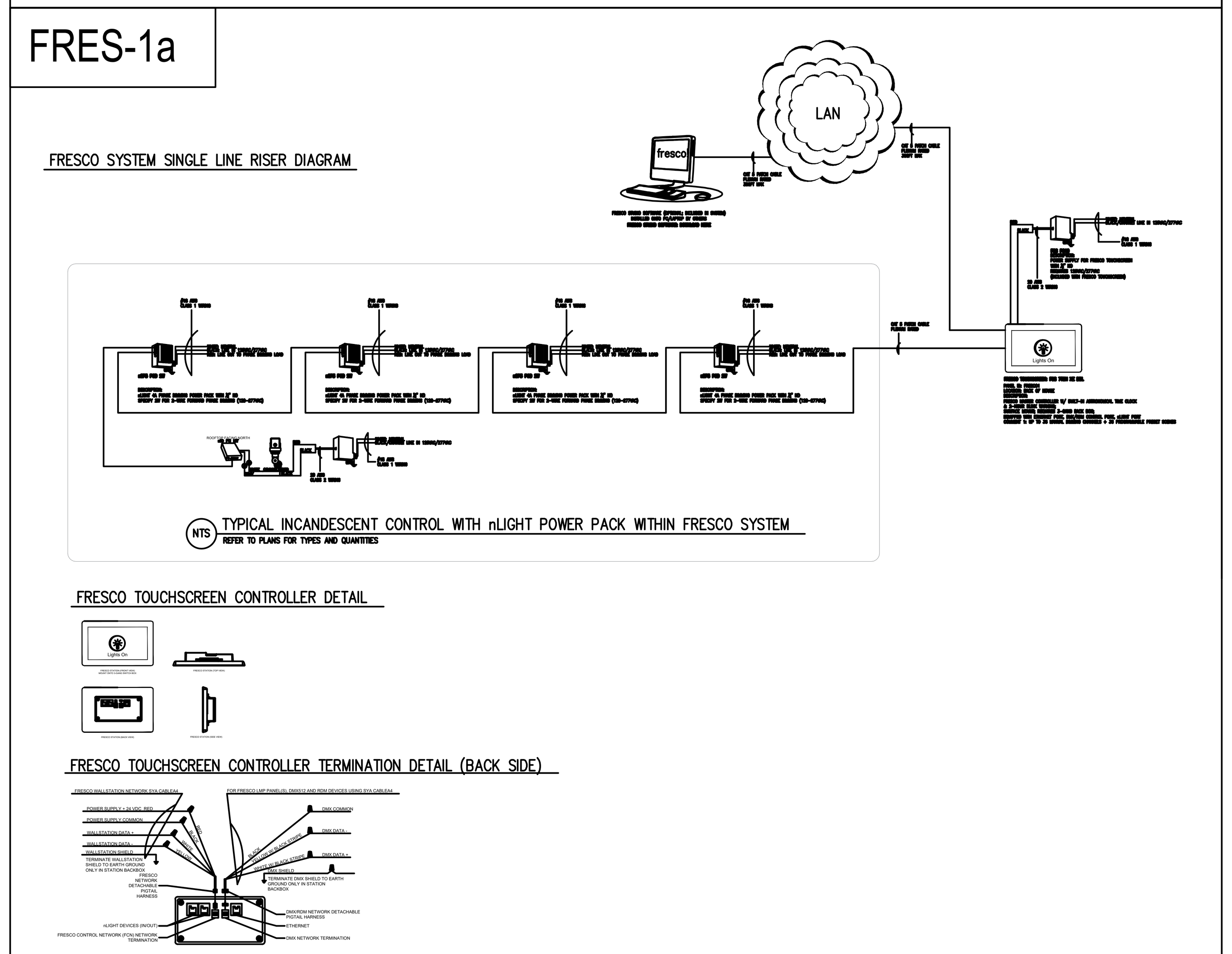


TYPICAL WIRING DIAGRAM:BACKBONE

N.T.S.

Using Fresco + nLight devices w/ Ethernet

FRES-1a



CRITICAL NOTES (PLEASE READ)

- THIS DESIGN IS BASED ON CAD FILE, DATED UNKNOWN
- THIS DESIGN IS SUBJECT TO CHANGE DEPENDING ON ENGINEER REVIEW.
- SCENE LIGHTING CONTROL HAVE BEEN PROVIDED FOR ALL CLASS ROOM AREA.
- EM SYSTEM IS CONSIDERED TO BE INVERTER.
- PLUG LOADS HAVE BEEN EXCLUDED FROM THIS DESIGN. IF PLUG LOADS ARE REQUIRED PROVIDE POWER PLANS INDICATING CONTROLLED RECEPTACLES AND REQUEST A REVISED DESIGN.
- ALL FIXTURES ARE ASSUMED TO BE 0-10V.
- ALL DIRECT/INDERECT LIGHTING IS ASSUMED TO BE CONTROLLED WITH ONE DRIVER AND NOT INDEPENDENTLY OF EACH OTHER
- DAYLIGHT HARVESTING IS USED IN AREAS WITH > 120 WATTS CONNECTED LOAD AND MORE THAN 24 SQ. FT. OF TOTAL GLAZED AREA.
- DAYLIGHT HARVESTING IS PLACED IN THE PRIMARY DAYLIGHT ZONE ALL ASSOCIATED CONTROL DEVICES WILL BE DESIGNATED WITH A "+" , FIXTURES IN THE SECONDARY ZONE WILL BE PROGRAMMED TO BE OFFSET FROM THE PRIMARY ZONE AND ALL ASSOCIATED CONTROL DEVICES WILL BE DESIGNATED WITH A "++".
- AUTOMATIC DEMAND RESPONSE CAPABILITY IS USED IN AREAS LARGER THAN 10,000 SQ.FT PER THE 2013 T24 REQUIREMENT. SYSTEMS WITH AUTOMATIC DEMAND RESPONSE ARE FULLY NETWORKED AND OFFER CENTRALIZED PROGRAMMING AND CONTROL CAPABILITIES.
- BUILDING MANAGEMENT INTERFACE HAS BEEN PROVIDED.
- THE SYSTEM IS FULLY NETWORKED BY NECY AND BRIDGES, AND OFFERS CENTRALIZED TIME CLOCK PROGRAMMING AND CONTROL CAPABILITIES.
- LOCATION OF NECY AND BRIDGES TO BE DETERMINED BY THE CONTRACTOR BASED ON FIELD CONDITIONS. CAT5 BETWEEN EACH BRIDGE CONNECTION CANNOT EXCEED 1500 FT.
- ALL CAT5 CABLE SHOWN IN THIS DESIGN IS TO BE SUPPLIED BY OTHERS. CONTRACTOR TO VERIFY LENGTH AND QUANTITY PRIOR TO PLACING ORDER.
- LIGHTING CONTROL SYSTEM SHALL HAVE ON SITE START-UP PERFORMED BY THE MANUFACTURER'S TRAINED TECHNICIAN. CONTRACTOR SHALL COORDINATE WITH MANUFACTURER FOR START-UP REQUIREMENTS.
- NIO BT (BLUETOOTH) MODULES HAVE BEEN PROVIDED FOR ON-SITE COMMISSIONING.

ATTENTION: THIS IS A PRELIMINARY DESIGN. FOR FINAL DRAWINGS
PLEASE CONTACT YOUR P.L.S. SALES PERSON AND/OR
CONTROLS@PERFORMANCELTG.COM

FOR ADDITIONAL TECH SUPPORT AND INSTALLATION INFORMATION
PLEASE CALL 1.800.535.2465

Created on 12/12/19 13:28 by saiketm.
Oxnard Union High School 1st & 2nd Floors_ORIG_12.06.2019.dwg
PROJECT: Oxnard Union High School 1st & 2nd Floors_ORIG_12.06.2019

Symbol	Description
	BRIDGE PORT CONNECTION POINTS
nB8 PS 150	nBRG 8 KIT Bridge-8 Port with 150 mA power supply
n ADR	nADR OpenADR Demand Response Client Interface: Supports up to five (5) nLight Gateways (nGWY2 or nGWY2 L400)
nADC X	nCM ADCX Automatic Dimming Control Photocell–Ceiling Mount, Low Voltage (No Wires)
nCP 10 -ADCX	nCM PDT 10 ADCX Extended Range 360° Sensor–Ceiling Mount, Low Voltage, Dual Technology (PDT): Photocell w/Dimming (No Wires)
nCP 10 -AR -RJB	nCM PDT 10 AR RJB Extended Range 360° Sensor–Ceiling Mount, Rear RJ-45 Port; Low Voltage, Auxiliary Relay, Dual Technology (PDT):
nCP 10	nCM PDT 10 Extended Range 360° Sensor–Ceiling Mount, Low Voltage, Dual Technology (PDT)
nCP -ADCX	nCM PDT 9 ADCX Standard Range 360° Sensor–Ceiling Mount, Low Voltage, Dual Technology (PDT): Photocell w/ Dimming (No Wires)
nCMP 9 -AR -RJB	nCM PDT 9 AR RJB Standard Range 360° Sensor–Ceiling Mount, Low Voltage, Dual Technology (PDT), AUX Relay
nCP	nCM PDT 9 Standard Range 360° Sensor, Ceiling Mount, Low Voltage, Dual Technology (PDT)
nECY BAC	nECY 120 BAC nLight Eclypse time-based control of an nLight and/or XPA Wirless network. Acting IP & Building Managment interface for nLight networks.
nIO -1S -KO	nIO 1S KO Contact Closure Input Device; Chase Nipple Mounting
nIO BT	nIO BT Bluetooth Low Energy Communication Module
nKEY MOM	nPOD KEY [COLOR] nLIGHT Low Voltage Key Switch, Momentary Operation
n PODM -2P -DX	nPODM 2P DX [COLOR] 2 Channel On/Off Toggle With Dimming
n PODM -4P -DX	nPODM 4P DX [COLOR] 4 Channel On/Off Toggle With Dimming
n PODM -4S -DX	nPODM 4S DX [COLOR] 4 Button On/Off Toggle or Quad Scene Controller With Dimming
n PODM -DX	nPODM DX [COLOR] 1 Channel On/Off Toggle With Dimming
nPOD MR	nPODMR [COLOR] 1 Channel On/Off Line Voltage Toggle
nP	nPP16 Power/Relay Pack: 16A 120/277 VAC
nP D	nPP16 D Power/Relay Pack: 16A 120/277 VAC w/ 0-10VDC Dimming
nP D -ER	nPP16 D ER Relay Pack: 16A 120/277 VAC UL-924 Emergency Relay Pack w/ 0-10VDC Dimming
n$ XD -LV -DX	nWSX PDT LV DX [COLOR] Wall Switch Decorator Sensor-Dual Technology (PDT), Low Voltage; Raise/Lower Dim Control
FCS 7TSN	FCS 7TSN [COLOR] FRESCO Architectural Control; Lighting Scene Control Touchscreen
MP	MP20 Mini Power Pack:120/277 VAC
$XD	WSX PDT [COLOR] Wall Switch Decorator Sensor-Dual Technology (PDT), w/Convertible Neutral/No Neutral Wiring;
SYA IRPA	SYA IR PARTITION Synergy through beam infrared sensor used for partition control.

pk:architecture

5126 clareton drive : suite 110
agoura hills : california 91301
v: 818.584.0057 f: 818.584.0019
w: pkarchitecture.net

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

LIGHTING CONTROL DETAILS

drawn by
project no 18-66.60
date
scale

E-2.1.3

1 E-3.1.1 FIRST FLOOR EMERGENCY LIGHTING PHOTOMETRICS
NOT TO SCALE

pk:architecture
5120 clareton drive - suite 110
agoura hills, california 91301
v 818.594.0057 f 818.594.0013
w pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER
JO A. RAYNER
E18504
Exp. 06-30-20
ELECTRICAL
STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect

	remarks	date
1	PLAN CHECK	12.17.19

sheet title

FIRST FLOOR
EMERGENCY
PHOTOMETRICS

drawn by

project no
18-66.60

date

scale

E-3.1.1

1 E-3.2.1 SECOND FLOOR EMERGENCY LIGHTING PHOTOMETRICS
NOT TO SCALE

pk:architecture
51 E. Canon Perdido Street, Suite 1-B
Santa Barbara, California 93101
v. 805.564.0037 f. 805.564.0038
w. pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER
JOA. RAYNER
E18504
Exp. 06-30-20
ELECTRICAL
STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

SECOND FLOOR EMERGENCY PHOTOMETRICS

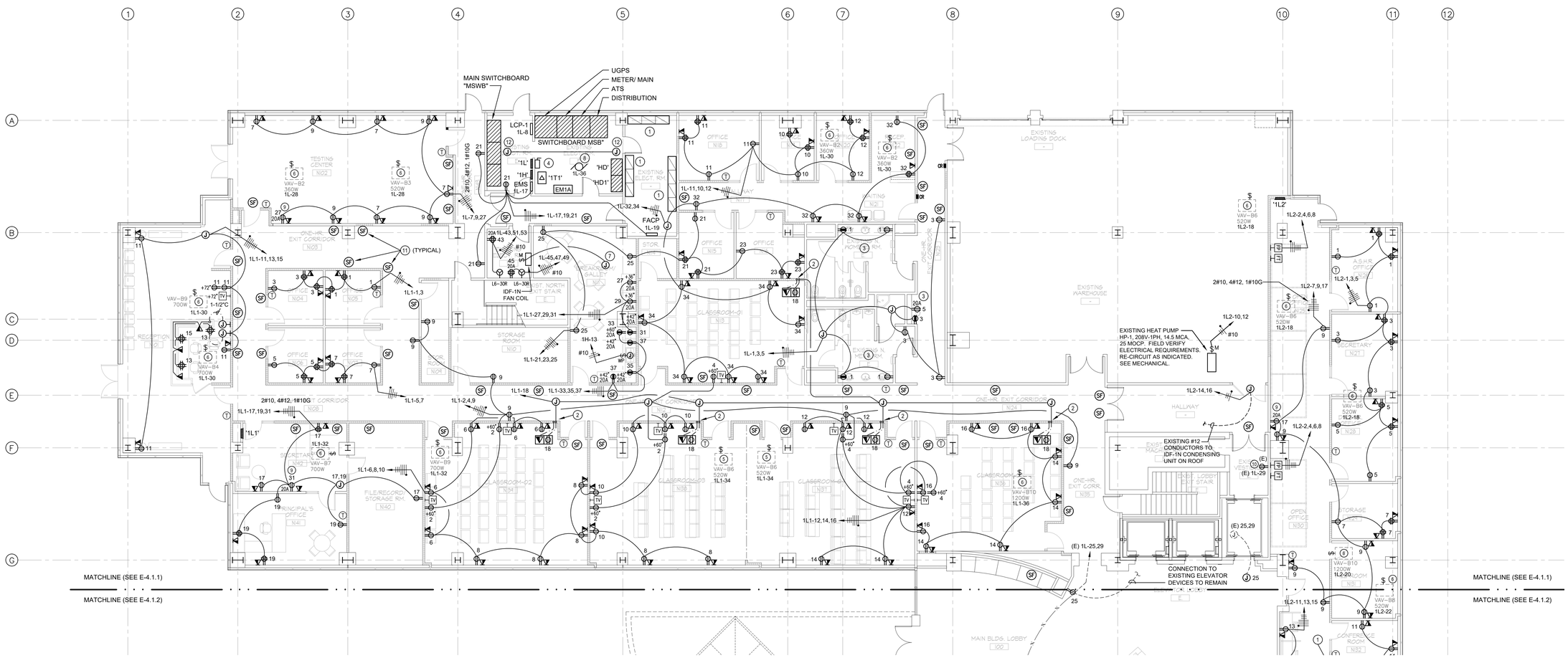
drawn by

project no 18-6660

date

scale

E-3.2.1



1 E-4.1.1 FIRST FLOOR POWER PLAN (NORTH)
1/8" = 1'-0"

KEY NOTES: (#)

1. EXISTING UPS SYSTEM EQUIPMENT TO BE DISCONNECTED. REMOVE ALL ASSOCIATED WIRING AND CONDUIT.
2. PROVIDE 3/4"C FOR POWER AND 1-1/4"C FOR DATA BELOW GRADE TO FLOOR BOX. FIELD VERIFY FINAL LOCATION OF FLOOR BOX WITH TENANT/ FURNITURE VENDOR PRIOR TO INSTALLATION.
3. RESTROOM AND DRINKING FOUNTAIN RECEPTACLES ARE EXISTING. REPLACE WITH NEW AS INDICATED AND RE-CIRCUIT AS REQUIRED PER THE CONSTRUCTION DOCUMENTS.
4. EXISTING TRANSFORMERS IN GOOD CONDITION MAY BE CLEANED AND REUSED.
5. NEW VAV BOX. SEE MECHANICAL.
6. EXISTING VAV BOX TO BE RELOCATED. EXTEND OR PROVIDE NEW CONDUCTORS AND RE-CIRCUIT AS INDICATED. SEE MECHANICAL.
7. INTERCEPT CONDUCTORS FROM EXISTING FAN COIL UNIT TO BE RELOCATED, EXTEND TO NEW LOCATION, AND RECONNECT. SEE MECHANICAL FOR ADDITIONAL INFORMATION.
8. EXISTING ELECTRICAL ROOM EXHAUST FAN TO REMAIN. RE-CIRCUIT AS INDICATED.
9. PROVIDE #10 CONDUCTORS FOR DEDICATED COPIER RECEPTACLE.
10. REPLACE EXISTING DEVICE TO REMAIN WITH NEW DEVICE AND COVERPLATE AND VERIFY PROPER OPERATION.
11. ALL SMOKE/ FIRE DAMPERS THIS SHEET SHALL BE CIRCUITED WITH #12 CONDUCTORS TO '1L1-39.
12. INTERCEPT EXISTING TRANSFORMER "2TR1" FEEDER AT PANEL 'HD1' AND EXTEND TO SWITCHBOARD 'MSWB'. PROVIDE NEW BREAKER AND RECONNECT TO POWER 2ND FLOOR TRANSFORMER "2T6". SEE ONE-LINE.

GENERAL SHEET NOTES:

A. PROVIDE CONDUIT, J-BOXES, AND BACKBOXES AS REQUIRED TO ACCOMMODATE INSTALLATION OF THE HVAC LOW VOLTAGE CONTROLS AS INDICATED ON THE MECHANICAL PLANS.

B. ALL ROOFTOP EQUIPMENT AND COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND LOCAL CODE REQUIREMENTS.

C. FIELD VERIFY FINAL LOCATIONS OF ROOFTOP EQUIPMENT WITH ARCHITECTURAL AND MECHANICAL PLANS PRIOR TO ROUGH-IN.

D. ROOFTOP EQUIPMENT/ DEVICES SHALL BE WEATHERPROOF TYPE.

E. CONDUITS FEEDING ROOFTOP EQUIPMENT/ DEVICES SHALL BE LESS THAN 5' SOLAR EXPOSED.

F. PROVIDE FINAL CONNECTIONS PER EQUIPMENT LABEL.

G. ALL ROOF PENETRATION SHALL BE SEALED BY A LICENSED ROOFER.

H. ALL CONDUIT INSTALLED ON ROOF SHALL BE IMC OR RGC.

I. FOR THE CONNECTION BETWEEN THE INDOOR AND OUTDOOR FAN COIL UNIT, PROVIDE OUTDOOR AND WATERPROOF CONNECTION CABLE RATED MINIMUM 300V AND CONFORMING TO 60245 IEC 57.

J. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF NEW FLOOR BOXES.

K. REFER TO MECHANICAL DRAWINGS FOR EXACT QUANTITIES AND LOCATIONS OF ALL MECHANICAL EQUIPMENT, INCLUDING VAV BOXES, FAN COILS, THERMOSTAT, FIRE/SMOKE DAMPERS, ETC.

pk:architecture
5426 ujeration drive - suite 110
agoura hills, california 91301
v 818 594 0057 f 818 594 0059
w pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER
JOA RAYNER
E18504
Exp. 06-30-20
ELECTRICAL
STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

FIRST FLOOR POWER PLAN (NORTH)

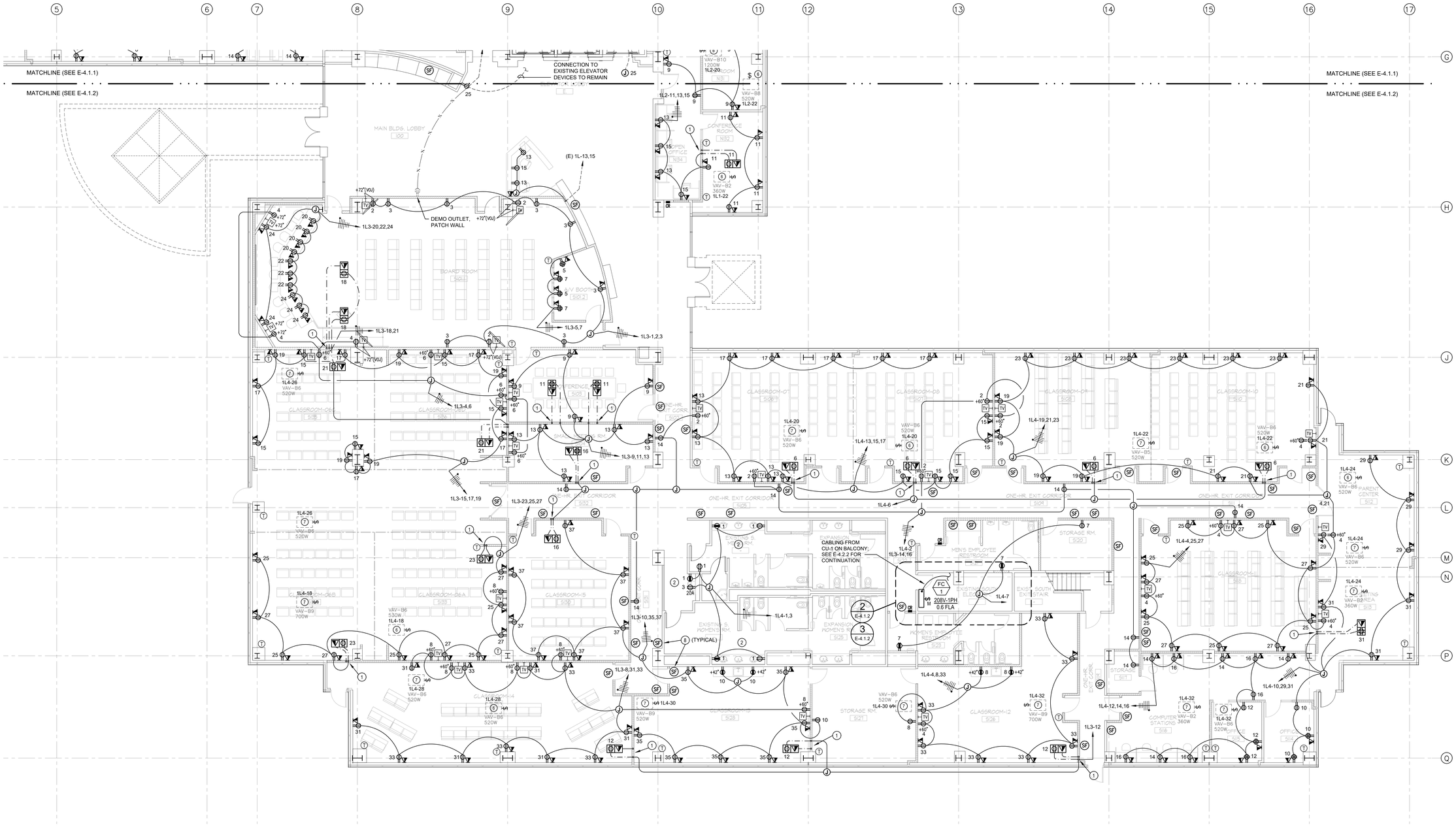
drawn by

project no 18-66.60

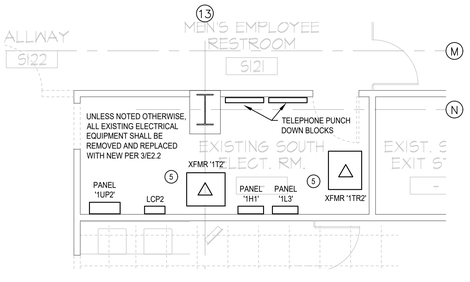
date

scale

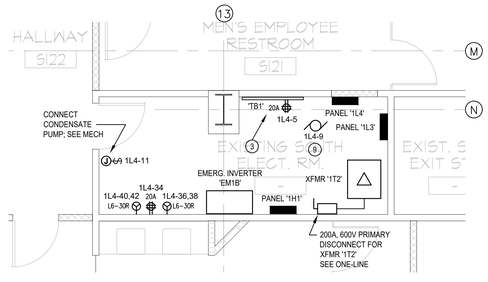
E-4.1.1



1 FIRST FLOOR POWER PLAN (SOUTH)
E-4.1.2 1/8" = 1'-0"



2 ENLARGED SOUTH ELECTRICAL ROOM DEMOLITION PLAN
E-4.1.2 1/4" = 1'-0"



3 ENLARGED SOUTH ELECTRICAL ROOM NEW CONSTRUCTION PLAN
E-4.1.2 1/4" = 1'-0"

KEY NOTES:

1. PROVIDE 3/4"C FOR POWER AND 1-1/4"C FOR DATA BELOW GRADE TO FLOOR BOX. FIELD VERIFY FINAL LOCATION OF FLOOR BOX WITH TENANT/ FURNITURE VENDOR PRIOR TO INSTALLATION.
2. RESTROOM AND DRINKING FOUNTAIN RECEPTACLES ARE EXISTING. REPLACE WITH NEW AS INDICATED AND RE-CIRCUIT AS REQUIRED PER THE CONSTRUCTION DOCUMENTS.
3. PROVIDE TELECOMMUNICATIONS BACKBOARD PER 2/E-0.0.1.
4. EXTEND 4#4/0, 1#4G - 2 1/2"C FEEDER TO NEW PANEL '1H1' LOCATION.
5. EXISTING TRANSFORMERS IN GOOD CONDITION MAY BE CLEANED AND REUSED.
6. NEW VAV BOX. SEE MECHANICAL.
7. EXISTING VAV BOX TO BE RELOCATED. EXTEND OR PROVIDE NEW CONDUCTORS AND RE-CIRCUIT AS INDICATED. SEE MECHANICAL.
8. ALL SMOKE/ FIRE DAMPERS THIS SHEET SHALL BE CIRCUITED WITH #12 CONDUCTORS TO 1L3-39.
9. EXISTING ELECTRICAL ROOM EXHAUST FAN TO REMAIN. RE-CIRCUIT AS INDICATED.

GENERAL SHEET NOTES:

A. PROVIDE CONDUIT, J-BOXES, AND BACKBOXES AS REQUIRED TO ACCOMMODATE INSTALLATION OF THE HVAC LOW VOLTAGE CONTROLS AS INDICATED ON THE MECHANICAL PLANS.

B. ALL ROOFTOP EQUIPMENT AND COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND LOCAL CODE REQUIREMENTS.

C. FIELD VERIFY FINAL LOCATIONS OF ROOFTOP EQUIPMENT WITH ARCHITECTURAL AND MECHANICAL PLANS PRIOR TO ROUGH-IN.

D. ROOFTOP EQUIPMENT/ DEVICES SHALL BE WEATHERPROOF TYPE.

E. CONDUITS FEEDING ROOFTOP EQUIPMENT/ DEVICES SHALL BE LESS THAN 5' SOLAR EXPOSED.

F. PROVIDE FINAL CONNECTIONS PER EQUIPMENT LABEL.

G. ALL ROOF PENETRATION SHALL BE SEALED BY A LICENSED ROOFER.

H. ALL CONDUIT INSTALLED ON ROOF SHALL BE IMC OR RGC.

I. FOR THE CONNECTION BETWEEN THE INDOOR AND OUTDOOR FAN COIL UNIT, PROVIDE OUTDOOR AND WATERPROOF CONNECTION CABLE RATED MINIMUM 300V AND CONFORMING TO 60245 IEC 57.

J. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF NEW FLOOR BOXES.

K. REFER TO MECHANICAL DRAWINGS FOR EXACT QUANTITIES AND LOCATIONS OF ALL MECHANICAL EQUIPMENT, INCLUDING VAV BOXES, FAN COILS, THERMOSTATS, FIRE/SMOKE DAMPERS, ETC.

pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v 818 597 0057 f 818 597 0069
w pkarchitecture.net

JOA RAYNER
E18504
Exp. 06-30-20
ELECTRICAL
STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

FIRST FLOOR POWER PLAN (SOUTH)

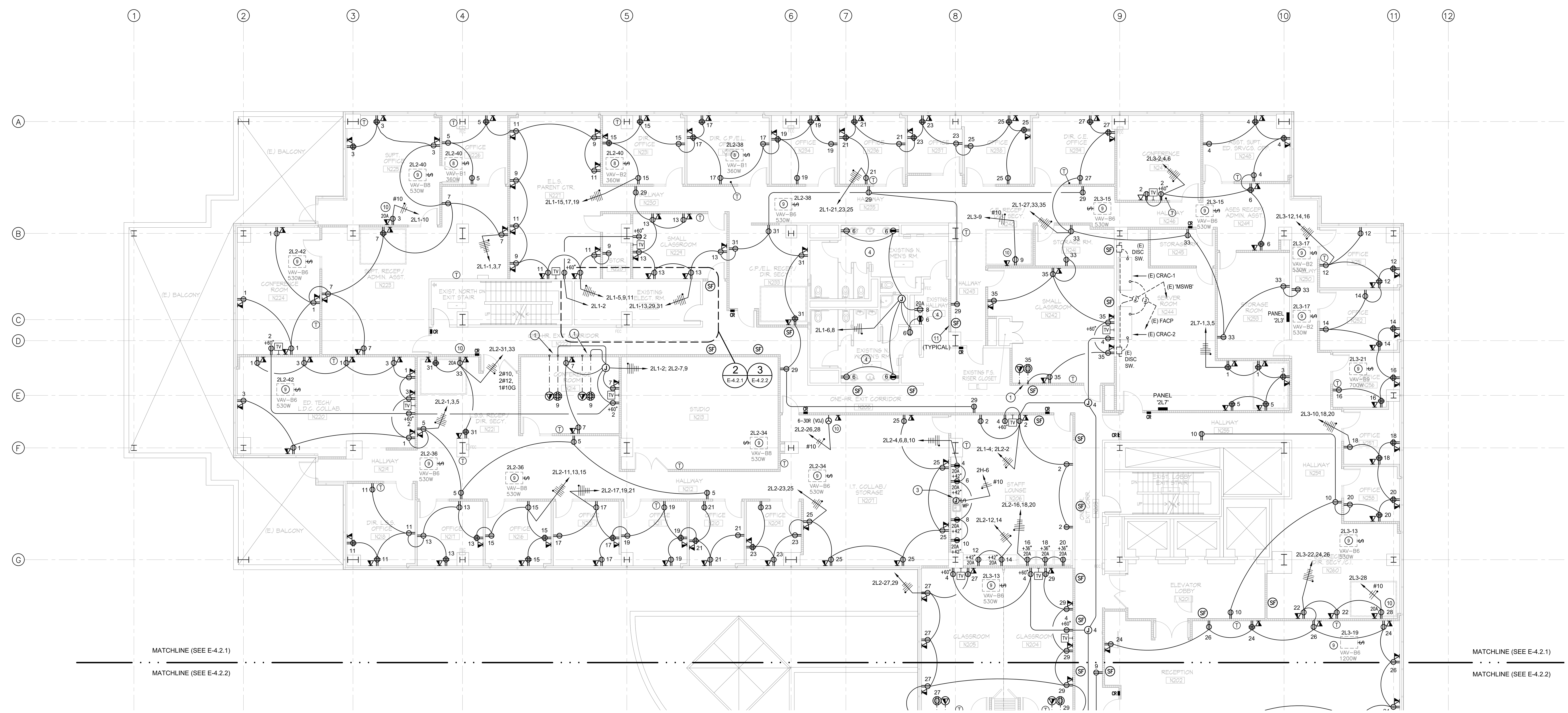
drawn by

project no 18-6560

date

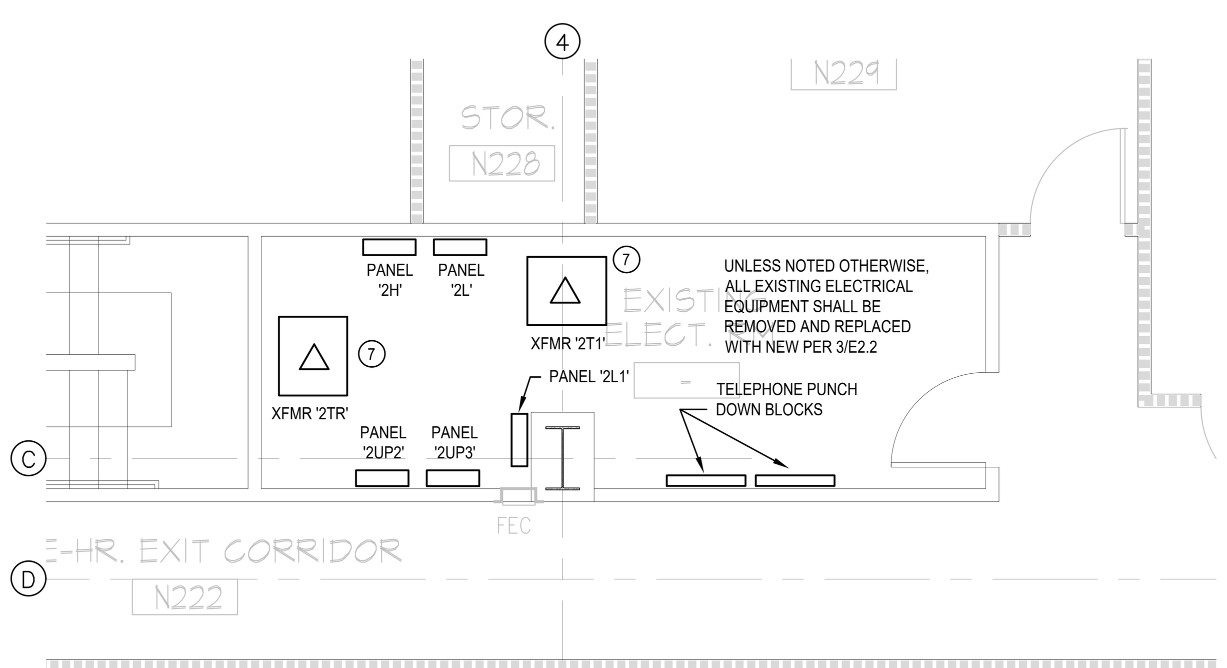
scale

E-4.1.2



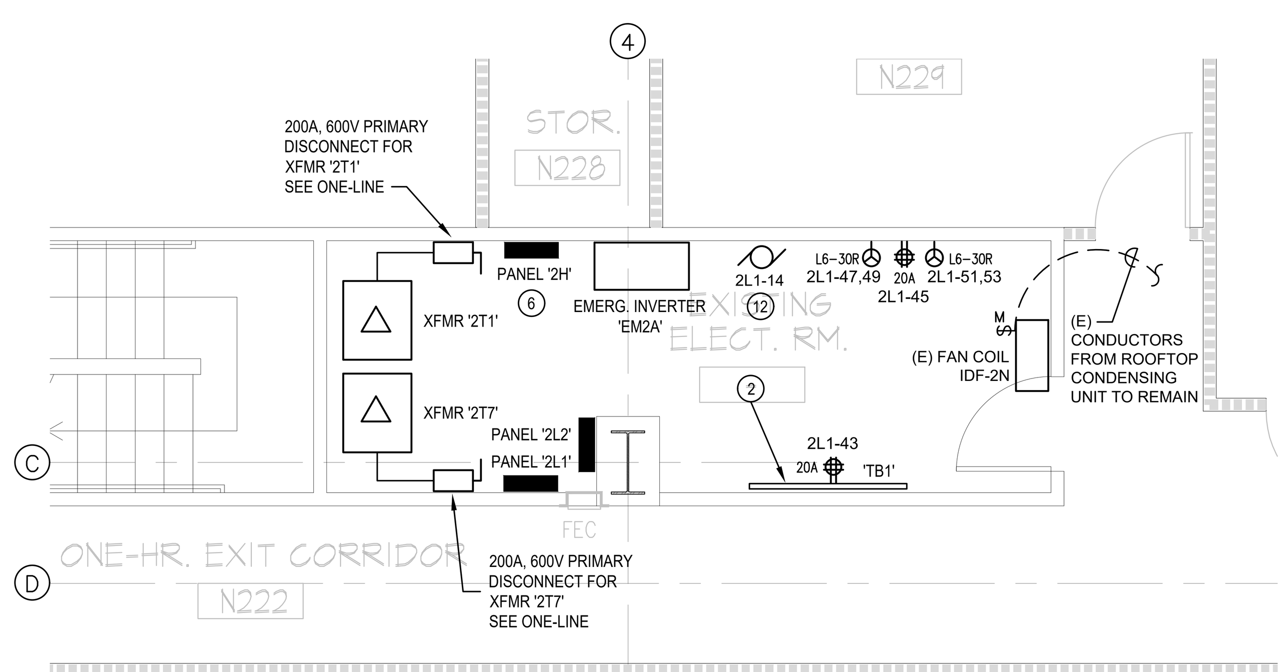
1 SECOND FLOOR POWER PLAN (NORTH)

E4.2.1 1/8" = 1'-0"



2 ENLARGED NORTH ELECTRICAL ROOM DEMOLITION PLAN

E-4.2.1 1/4" = 1'-0"



3 ENLARGED NORTH ELECTRICAL ROOM NEW CONSTRUCTION PLAN

E-4.2.1 1/4" = 1'-0"

KEY NOTES: (#)

1. PROVIDE 3/4"C FOR POWER AND 1-1/4"C FOR DATA BELOW GRADE TO FLOOR BOX. FIELD VERIFY FINAL LOCATION OF FLOOR BOX WITH TENANT/ FURNITURE VENDOR PRIOR TO CORING.
2. PROVIDE TELECOMMUNICATIONS BACKBOARD PER 2/E-0.1.
3. PROVIDE J-BOX WITH RATED DISCONNECT SWITCH FOR 277V. 6.0KW WATER HEATER. (REFER TO PLUMBING DRAWING INFORMATION)
4. RESTROOM AND DRINKING FOUNTAIN RECEPTACLES ARE EXISTING. REPLACE WITH NEW AS INDICATED AND RE-CIRCUIT AS REQUIRED PER THE CONSTRUCTION DOCUMENTS.
5. NOT USED.
6. EXTEND 4#4/0, 1#4G - 2 1/2"C FEEDER TO NEW PANEL '2H' LOCATION.
7. EXISTING TRANSFORMERS IN GOOD CONDITION MAY BE CLEANED AND REUSED.
8. NEW VAV BOX. SEE MECHANICAL.
9. EXISTING VAV BOX TO BE RELOCATED. EXTEND OR PROVIDE NEW CONDUCTORS AND RE-CIRCUIT AS INDICATED. SEE MECHANICAL.
10. PROVIDE #10 CONDUCTORS TO DEDICATED COPY MACHINE RECEPTACLE.
11. ALL SMOKE/ FIRE DAMPERS THIS SHEET SHALL BE CIRCUITED WITH #12 CONDUCTORS TO 2L1-12.
12. EXISTING ELECTRICAL ROOM EXHAUST FAN TO REMAIN. RE-CIRCUIT AS INDICATED.

GENERAL SHEET NOTES:

A. PROVIDE CONDUIT, J-BOXES, AND BACKBOXES AS REQUIRED TO ACCOMMODATE INSTALLATION OF THE HVAC LOW VOLTAGE CONTROLS AS INDICATED ON THE MECHANICAL PLANS.
B. ALL ROOFTOP EQUIPMENT AND COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND LOCAL CODE REQUIREMENTS.
C. FIELD VERIFY FINAL LOCATIONS OF ROOFTOP EQUIPMENT WITH ARCHITECTURAL AND MECHANICAL PLANS PRIOR TO ROUGH-IN.
D. ROOFTOP EQUIPMENT/ DEVICES SHALL BE WEATHERPROOF TYPE.
E. CONDUITS FEEDING ROOFTOP EQUIPMENT/ DEVICES SHALL BE LESS THAN 5' SOLAR EXPOSED.
F. PROVIDE FINAL CONNECTIONS PER EQUIPMENT LABEL.
G. ALL ROOF PENETRATION SHALL BE SEALED BY A LICENSED ROOFER.
H. ALL CONDUIT INSTALLED ON ROOF SHALL BE IMC OR RGC.
I. FOR THE CONNECTION BETWEEN THE INDOOR AND OUTDOOR FAN COIL UNIT, PROVIDE OUTDOOR AND WATERPROOF CONNECTION CABLE RATED MINIMUM 300V AND CONFORMING TO 60245 IEC 57.
J. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF NEW FLOOR BOXES.
K. REFER TO MECHANICAL DRAWINGS FOR EXACT QUANTITIES AND LOCATIONS OF ALL MECHANICAL EQUIPMENT, INCLUDING VAV BOXES, FAN COILS, THERMOSTATS, FIRE/SMOKE DAMPERS, ETC.

pk:a
pk:architecture
5126 clareton drive : suite 110
agoura hills : california 91301
v: 818.584.0057 f: 818.584.0019
w: pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER
JOA. RAYNER
E18504
Exp. 06-30-20
ELECTRICAL
STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

SECOND FLOOR POWER PLAN (NORTH)

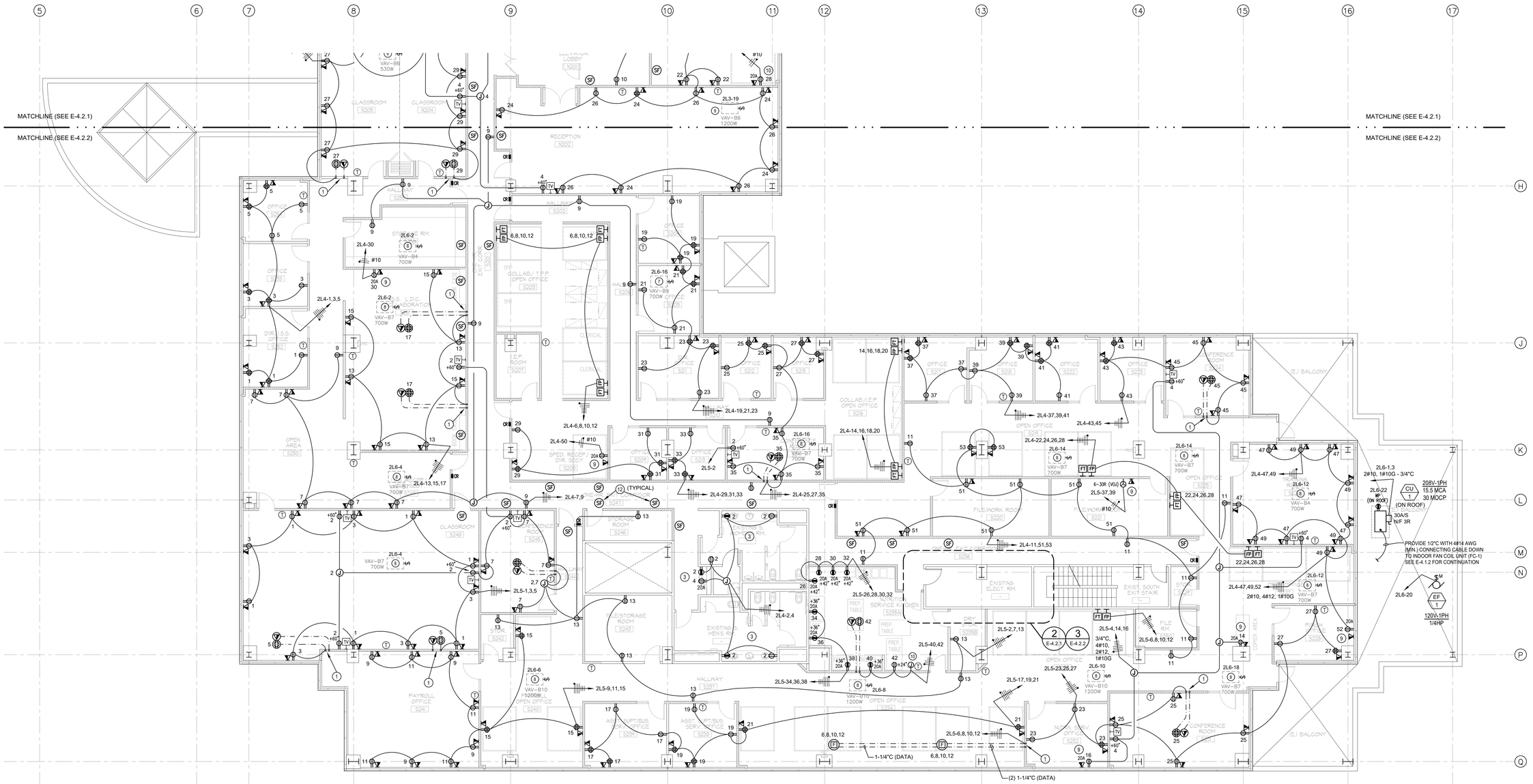
drawn by

project no 18-66.60

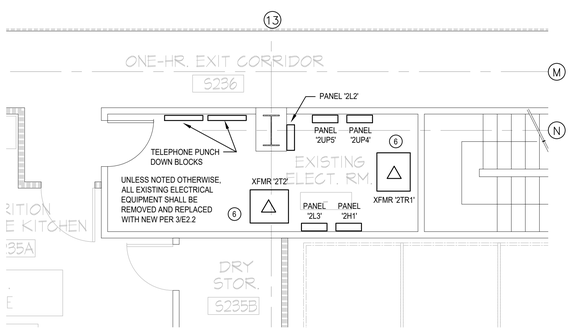
date

scale

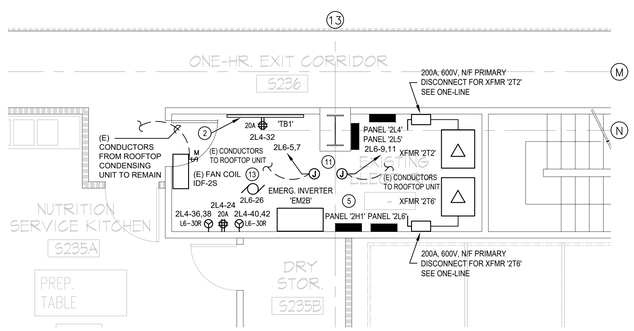
E-4.2.1



1 SECOND FLOOR POWER PLAN (SOUTH)
E-4.2.2 1/8" = 1'-0"



2 ENLARGED SOUTH ELECTRICAL ROOM DEMOLITION PLAN
E-4.2.2 1/4" = 1'-0"



3 ENLARGED SOUTH ELECTRICAL ROOM NEW CONSTRUCTION PLAN
E-4.2.2 1/4" = 1'-0"

KEY NOTES:

1. PROVIDE 3/4"C FOR POWER AND 1-1/4"C FOR DATA BELOW GRADE TO FLOOR BOX. FIELD VERIFY FINAL LOCATION OF FLOOR BOX WITH TENANT/ FURNITURE VENDOR PRIOR TO CORING.
2. PROVIDE TELECOMMUNICATIONS BACKBOARD PER 2/E-0.1.
3. RESTROOM AND DRINKING FOUNTAIN RECEPTACLES ARE EXISTING. REPLACE WITH NEW AS INDICATED AND RE-CIRCUIT AS REQUIRED PER THE CONSTRUCTION DOCUMENTS.
4. NOT USED.
5. EXTEND 4#4/0, 1#4G - 2 1/2"C FEEDER TO NEW PANEL '2H1' LOCATION.
6. EXISTING TRANSFORMERS IN GOOD CONDITION MAY BE CLEANED AND REUSED.
7. NEW VAV BOX. SEE MECHANICAL.
8. EXISTING VAV BOX TO BE RELOCATED. EXTEND OR PROVIDE NEW CONDUCTORS AND RE-CIRCUIT AS INDICATED. SEE MECHANICAL.
9. PROVIDE #10 CONDUCTORS FOR DEDICATED COPIER RECEPTACLE.
10. PROVIDE GFCI SWITCH MOUNTED AT 42" AFF FOR CIRCUIT 2L5-42. HUBBELL #GFBFHP20I, OR EQUAL.
11. INTERCEPT EXISTING #8 CONDUCTORS FROM IDF-2N & IDF-2S CONDENSING UNITS AT THIRD FLOOR ELECTRICAL ROOM AND EXTEND TO NEW PANEL AS INDICATED.
12. ALL SMOKE/ FIRE DAMPERS THIS SHEET SHALL BE CIRCUITED WITH #12 CONDUCTORS TO 2L6-24.
13. EXISTING ELECTRICAL ROOM EXHAUST FAN TO REMAIN. RE-CIRCUIT AS INDICATED.

GENERAL SHEET NOTES:

A. ALL DEVICES ON THIS SHEET SHALL BE CIRCUITED TO PANEL "3L2", UNLESS INDICATED OTHERWISE.

B. PROVIDE CONDUIT, J-BOXES, AND BACKBOXES AS REQUIRED TO ACCOMMODATE INSTALLATION OF THE HVAC LOW VOLTAGE CONTROLS AS INDICATED ON THE MECHANICAL PLANS.

C. ALL ROOFTOP EQUIPMENT AND COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND LOCAL CODE REQUIREMENTS.

D. FIELD VERIFY FINAL LOCATIONS OF ROOFTOP EQUIPMENT WITH ARCHITECTURAL AND MECHANICAL PLANS PRIOR TO ROUGH-IN.

E. ROOFTOP EQUIPMENT/ DEVICES SHALL BE WEATHERPROOF TYPE.

F. CONDUITS FEEDING ROOFTOP EQUIPMENT/ DEVICES SHALL BE LESS THAN 5' SOLAR EXPOSED.

G. PROVIDE FINAL CONNECTIONS PER EQUIPMENT LABEL.

H. ALL ROOF PENETRATION SHALL BE SEALED BY A LICENSED ROOFER.

I. ALL CONDUIT INSTALLED ON ROOF SHALL BE IMC OR RGC.

J. FOR THE CONNECTION BETWEEN THE INDOOR AND OUTDOOR FAN COIL UNIT, PROVIDE OUTDOOR AND WATERPROOF CONNECTION CABLE RATED MINIMUM 300V AND CONFORMING TO 60245 IEC 57.

K. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF NEW FLOOR BOXES.

L. REFER TO MECHANICAL DRAWINGS FOR EXACT QUANTITIES AND LOCATIONS OF ALL MECHANICAL EQUIPMENT, INCLUDING VAV BOXES, FAN COILS, THERMOSTATS, FIRE/SMOKE DAMPERS, ETC.

pk:architecture
5426 ujiereon drive · suite 110
agoura hills · california 91301
v 818.584.0057 f 818.584.0019
w pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER
JOA.RAYNER
E18504
Exp. 06-30-20
ELECTRICAL
STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

SECOND FLOOR POWER PLAN (SOUTH)

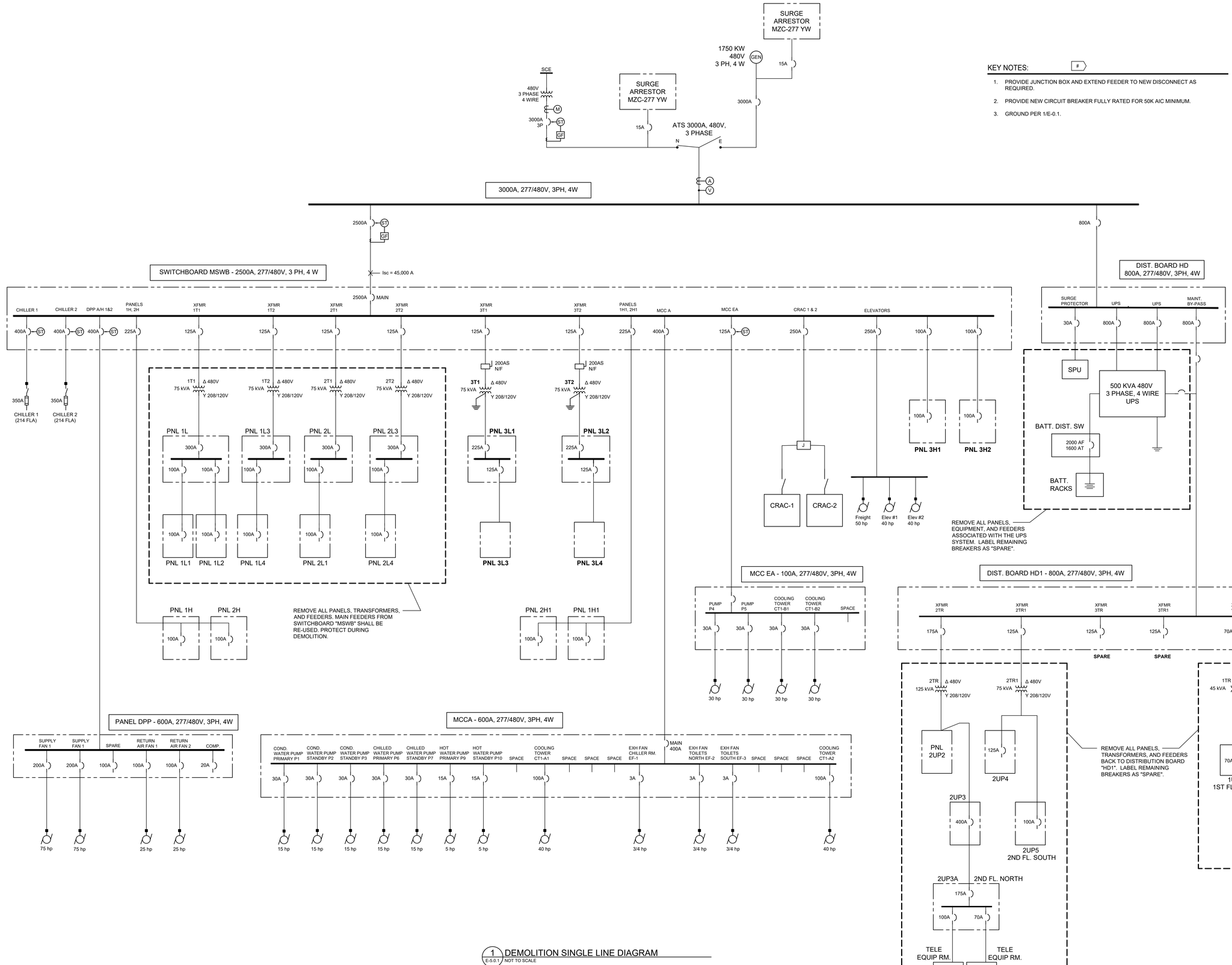
drawn by

project no 18-66.60

date

scale

E-4.2.2



1 E-5.0.1 DEMOLITION SINGLE LINE DIAGRAM
NOT TO SCALE

KEY NOTES: #

1. PROVIDE JUNCTION BOX AND EXTEND FEEDER TO NEW DISCONNECT AS REQUIRED.
2. PROVIDE NEW CIRCUIT BREAKER FULLY RATED FOR 50K AIC MINIMUM.
3. GROUND PER 1/E-0.1.

pk:architecture
5126 clareton drive, suite 110
agoura hills, california 91301
v 818 594 0057 f 818 594 0059
w pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER JOARAYNER E18504 Exp. 06-30-20 ELECTRICIAN STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

DEMOLITION SINGLE LINE DIAGRAM

drawn by

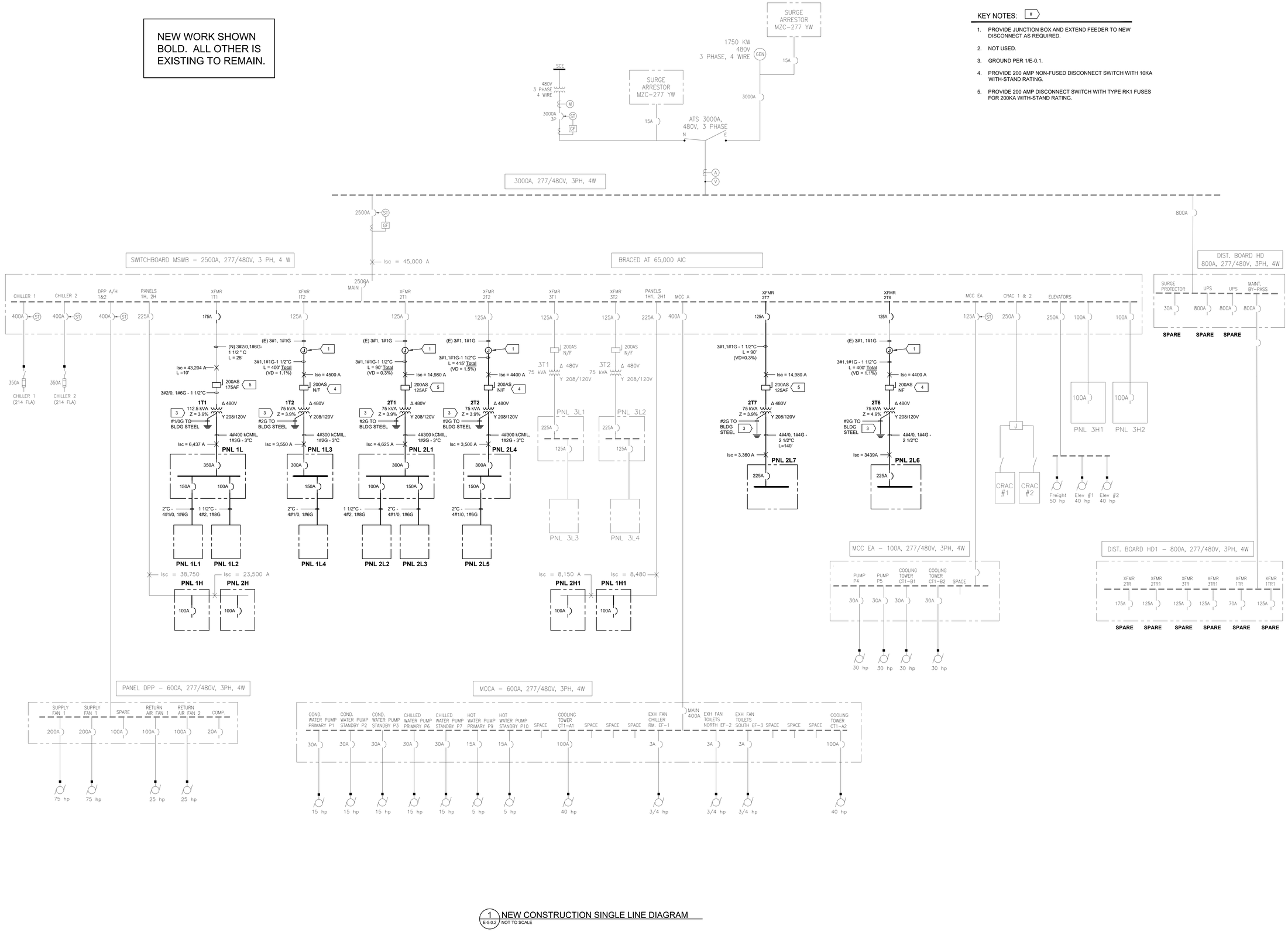
project no 18-66.60

date

scale

E-5.0.1

NEW WORK SHOWN BOLD. ALL OTHER IS EXISTING TO REMAIN.



1 E-5.0.2 NEW CONSTRUCTION SINGLE LINE DIAGRAM
NOT TO SCALE

KEY NOTES: #

1. PROVIDE JUNCTION BOX AND EXTEND FEEDER TO NEW DISCONNECT AS REQUIRED.
2. NOT USED.
3. GROUND PER 1/E-0.1.
4. PROVIDE 200 AMP NON-FUSED DISCONNECT SWITCH WITH 10KA WITH-STAND RATING.
5. PROVIDE 200 AMP DISCONNECT SWITCH WITH TYPE RK1 FUSES FOR 200KA WITH-STAND RATING.

pk:a pk:architecture
5126 clareton drive, suite 110
agoura hills, california 91301
v 818.594.0057 f 818.594.0019
w pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER JOARAYNER E18504 Exp. 06-30-20 ELECTRICAL STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

NEW CONSTRUCTION SINGLE LINE DIAGRAM

drawn by

project no 18-66.60

date

scale

E-5.0.2

PANEL SCHEDULE

PANEL NAME:	1H		VOLT:	480Y/277							BUS SIZE:	125 AMPS	REMARKS:
LOCATION:	MAIN ELEC		PH:	3							MAIN BRKR:	100 AMPS	
MOUNTING:			WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC: 42,000

NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	LIGHTING -TESTING CTR	L	20/1	1	2048			1400			2	20/1	L	EXIST. RESTRM LTG	
	LIGHTING - CLSRMS	L	20/1	3		2428			0		4	20/1	L	INVERTER EM1A-710W	
	LIGHTING - WAREHOUSE	L	20/1	5			2658			0	6	20/1		SPARE	
	ANNEX BLDG LIGHTING	L	20/1	7	*400*			*1600*			8	20	L	*WEST POLE LIGHITNG*	
	SPARE		20/1	9		0			*1600*		10	/2	L		
	LOBBY LIGHTING	*L*	*20/1*	11			*2800*			*1600*	12	20	L	*WEST POLE LIGHITNG*	
	BREAK RM WTR HTR	N	30/1	13	6000			*1600*			14	/2	L		
				15					*1400*		16	20	L	*WEST POLE LIGHITNG*	
				17						*1400*	18	/2	L		
	EAST POLE LIGHITNG	*L*	*20*	19	*1400*						20				
		L	*/2*	21		*1400*					22				
	EAST POLE LIGHTING	*L*	*20*	23			*1400*				24				
		L	*/2*	25	*1400*						26				
	EAST POLE LIGHITNG	*L*	*20*	27		*1600*					28				
		L	*/2*	29			*1600*				30				
	SOUTH POLE LIGHTING	*L*	*20*	31	*1600*						32				
		L	*/2*	33		*1600*					34				
			20	35							36				
	LOADING DOCK		*/*	37				*4200*			38	*50*	*M*		
			3	39					*4200*		40	*/*	*M*	*BOOSTER PUMP*	
				41						*4200*	42	*3*	*M*		

PER PHASE TOTAL VA	21648	14228	15658
TOTAL CONNECTED VA		51534	V.A.
TOTAL CONNECTED AMPS		62	AMPS
3 x HIGHEST PHASE		64944	V.A.
HIGHEST AMPS		78	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	32934	X 1.25 =	41168
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	12600	X 1 =	12600
N =	NON-CONTINUOUS	6000	X 1 =	6000
R =	RECEPTACLE	0	* =	0
TOTAL CALCULATED LOAD (VA)			=	59768
TOTAL CALCULATED AMPS			=	72

* 1ST 10KVA + (>10KVA)/2

PANEL SCHEDULE

PANEL NAME:	1H1		VOLT:	480Y/277							BUS SIZE:	125 AMPS	REMARKS:
LOCATION:	SO. ELEC RM		PH:	3							MAIN BRKR:	100 AMPS	
MOUNTING:			WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC: 10,000

NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	BOARD ROOM LIGHTING	L	20/1	1	2982			1460			2	20/1	L	RESTROOM LIGHTING	
	CLSRM 06 A-D LIGHTING	L	20/1	3		2956			0		4	20/1	L	INVERTER 'EM1B' 786W	
	CLSRM 12-15 LIGHTING	L	20/1	5			2200				6				
	CLSRM 11 , CORRIDOR LTG	L	20/1	7	2304						8				
	CLSRM 7-10, PARENT LTG	L	20/1	9		2640					10				
				11							12				
				13							14				
				15							16				
				17							18				
				19							20				
				21							22				
				23							24				
				25							26				
				27							28				
				29							30				
				31							32				
				33							34				
				35							36				
				37							38				
				39							40				
				41							42				

PER PHASE TOTAL VA	6746	5596	2200
TOTAL CONNECTED VA		14542	V.A.
TOTAL CONNECTED AMPS		17	AMPS
3 x HIGHEST PHASE		20238	V.A.
HIGHEST AMPS		24	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	14542	X 1.25 =	18178
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	0	X 1 =	0
N =	NON-CONTINUOUS	0	X 1 =	0
R =	RECEPTACLE	0	* =	0
TOTAL CALCULATED LOAD (VA)			=	18178
TOTAL CALCULATED AMPS			=	22

* 1ST 10KVA + (>10KVA)/2

PANEL SCHEDULE

PANEL NAME:	2H		VOLT:	480Y/277							BUS SIZE:	125 AMPS	REMARKS:
LOCATION:	2ND FL		PH:	3							MAIN BRKR:	100 AMPS	
MOUNTING:			WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC: 35,000

NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	OFFICE & SUPT. LIGHTING	L	20/1	1	2694			750			2	20/1	L	EXISTING LIGHTING	
	CORRIDOR LIGHTING	L	20/1	3		2134			0		4	20/1	L	INVERTER EM2A 774W	
	CLSRM LIGHTING	L	20/1	5			1683			6000	6	30/1	N	LOUNGE WTR HTR	
	STUDIO LIGHTING	L	20/1	7	2148						8				
				9							10				
				11							12				
				13							14				
				15							16				
				17							18				
				19							20				
				21							22				
				23							24				
				25							26	20		*WATER HEATER*	
				27							28	/			
				29							30	3			
				31							32				
				33							34				
				35							36				
				37							38				
				39							40				
				41							42				

PER PHASE TOTAL VA	5592	2134	7683
TOTAL CONNECTED VA		15409	V.A.
TOTAL CONNECTED AMPS		19	AMPS
3 x HIGHEST PHASE		23049	V.A.
HIGHEST AMPS		28	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	9409	X 1.25 =	11761
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	0	X 1 =	0
N =	NON-CONTINUOUS	6000	X 1 =	6000
R =	RECEPTACLE	0	* =	0
TOTAL CALCULATED LOAD (VA)			=	17761
TOTAL CALCULATED AMPS			=	21

* 1ST 10KVA + (>10KVA)/2

PANEL SCHEDULE

PANEL NAME:	2H1		VOLT:	480Y/277							BUS SIZE:	125 AMPS	REMARKS:
LOCATION:	2ND FL SO.		PH:	3							MAIN BRKR:	100 AMPS	
MOUNTING:			WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC: 10,000

NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	CORR. & RECEP LIGHTING	L	20/1	1	2974						2				
	OFFICE LIGHTING	L	20/1	3		2928			0		4	20/1	L	INVERTER EM2B 792W	
	SOUTH OFFICE LIGHTING	L	20/1	5			3012				6				
	CENTRAL AREA LIGHTING	L	20/1	7	2688						8				
				9							10				
				11							12				
				13							14				
				15							16				
				17							18				
				19							20				
				21							22				
				23							24				
				25							26				
				27							28				
				29							30				
				31							32				
				33							34				
				35							36				
				37							38				
				39							40				
				41							42				

PER PHASE TOTAL VA	5662	2928	3012
TOTAL CONNECTED VA		11602	V.A.
TOTAL CONNECTED AMPS		14	AMPS
3 x HIGHEST PHASE		16986	V.A.
HIGHEST AMPS		20	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	11602	X 1.25 =	14503
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	0	X 1 =	0
N =	NON-CONTINUOUS	0	X 1 =	0
R =	RECEPTACLE	0	* =	0
TOTAL CALCULATED LOAD (VA)			=	14503
TOTAL CALCULATED AMPS			=	17

* 1ST 10KVA + (>10KVA)/2

NEW PANEL SCHEDULE

PANEL NAME:	1L		VOLT:	208Y/120							BUS SIZE:	400 AMPS	REMARKS:
LOCATION:	MAIN ELEC		PH:	3							MAIN BRKR:	350 AMPS	
MOUNTING:	SURFACE		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC: 10,000

NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	TOILET RECEPS	R	20/1	1	720			1240			2	20/1	L	*EXTERIOR CANOPY LTS*	
	CORRIDOR RECEPS	R	20/1	3		720			1170		4	20/1	L	*LOBBY LTS*	
1	DRINKING FOUNTAIN	N	20/1	5			500			540	6	20/1	L	*LOBBY WALL WASH LTS*	
	TESTING CTR RECEPS	R	20/1	7	900			200			8	20/1	N	LCP-1	
	TESTING CTR RECEPS	R	20/1	9		720			720		10	20/1	R	OFFICE N119 RECEPS	
	OFFICE N118 RECEPS	R	20/1	11			1080			720	12	20/1	R	OFFICE N120 RECEPS	
	GUARD DESK	R	20/1	13	360			1200			14	20/1	L	*CANOPY LTS*	
	GUARD DESK	R	20/1	15		360			300		16	20/1	L	*ELEVATOR LTS*	
	EMS	N	20/1	17			200			300	18	20/1	L	*ELEVATOR LTS*	
2	*FACP*	N	20/1	19	200			300			20	20/1	L	*ELEVATOR LTS*	
	CORR. & ELEC. RECEPS	R	20/1	21		720			200		22	20/1	N	*ELEVATOR CONTROLS*	
	RECEPT/ WAITING RECEPS	R	20/1	23			900			200	24	20/1	N	*ELEVATOR CONTROLS*	
	ELEV. LOBBY RECEPS	R	20/1	25	720			200			26	20/1	N	*ELEVATOR CONTROLS*	
	TESTING CTR COPIER	N	20/1	27		1250			880		28	15/1	M	VAV BOXES	
	ELEVATOR PIT	N	20/1	29			1200			720	30	15/1	M	VAV BOXES	
		M	20	31	1270			1080			32	20/1	R	SECRETARY RECEPS	
	ROLL-UP DOOR #1	M	/	33		1270			1260		34	20/1	R	CLASSRM N18 RECPS	
		M	3	35			1270			700	36	20/1	M	ELEC RM EXHAUST	
		M	20	37	1270			0			38	20/1		SPARE	
	ROLL-UP DOOR #2	M	/	39		1270			0		40	20/1		SPARE	
		M	3	41			1270			0	42	20/1		SPARE	
	TELEPHONE BACKBRD	R	20/1	43	360			9285			44	150	N		
	IDF RECEP	N	20/1	45		500			9285		46	/	N	PANEL 1L1	
	IDF OUTLET	N	30	47			2000			9285	48	3	N		
		N	/2	49	2000			6663			50	100	N		
	IDF OUTLET	N	30	51		2000			6663		52	/	N	PANEL 1L2	
		N	/2	53			2000			6663	54	3	N		
	SPACE ONLY			55	0			0			56			SPACE ONLY	
	SPACE ONLY			57		0			0		58			SPACE ONLY	
	SPACE ONLY			59			0			0	60			SPACE ONLY	

NOTES:
1) PROVIDE GFI TYPE BREAKER.
2) PROVIDE LOCK "ON" DEVICE

PER PHASE TOTAL VA	27968	28288	29548
TOTAL CONNECTED VA		86805	V.A.
TOTAL CONNECTED AMPS		241	AMPS
3 x HIGHEST PHASE		88845	V.A.
HIGHEST AMPS		246	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	5050	X 1.25 =	6313
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	9920	X 1 =	9920
N =	NON-CONTINUOUS	60495	X 1 =	60495
R =	RECEPTACLE	11340	* =	10670
TOTAL CALCULATED LOAD (VA)			=	87398
TOTAL CALCULATED AMPS			=	243

* 1ST 10KVA + (>10KVA)/2

PANEL SCHEDULE

PANEL NAME:	1L1		VOLT:	208Y/120							BUS SIZE:	225 AMPS	REMARKS:
LOCATION:	SECRETARY		PH:	3							MAIN BRKR:	MLO	
MOUNTING:	FLUSH		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC: 10,000

NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	OFFICE N104 RECEPS	R	20/1	1	900			1000			2	20/1	N	CLASSRM TV RECEPS	
	OFFICE N05 RECEPS	R	20/1	3		900			1000		4	20/1	N	CLASSRM TV RECEPS	
	OFFICE N06 RECEPS	R	20/1	5			900			900	6	20/1	R	CLASSRM N139 RECEPS	
	OFFICE N107 RECEPS	R	20/1	7	900			1080			8	20/1	R	CLASSRM N139/38 RECEPS	
	CORRIDOR RECEPS	R	20/1	9		1080			900		10	20/1	R	CLASSRM N138 RECEPS	
	RECEPTION RECEPS	R	20/1	11			950			720	12	20/1	R	CLASSRM N137 RECEPS	
	RECEPTION CNTR RECPS	R	20/1	13	720			1080			14	20/1	R	CLASSRM N137/36 RECEPS	
	RECEPTION CNTR RECPS	R	20/1	15		360			720		16	20/1	R	CLASSRM N136 RECEPS	
	SECRETARY RECEPS	R	20/1	17			900			900	18	20/1	R	CLASSRM FLOOR RECEPS	
	PRINCIPAL RECEPS	R	20/1	19	1080			0			20	20/1		SPARE	
	OFFICE N15 RECEPS	R	20/1	21		900			0		22	20/1		SPARE	
	OFFICE N16 RECEPS	R	20/1	23			900			0	24	20/1		SPARE	
	BREAKRM RECEPS	R	20/1	25	540			0			26	20/1		SPARE	
	REFRIGERATOR	N	20/1	27		600			0		28	20/1		SPARE	
	REFRIGERATOR	N	20/1	29			600			1400	30	20/1	M	VAV BOXES	
	SECRETARY COPIER	N	20/1	31	1250			1400			32	20/1	M	VAV BOXES	
	BREAKRM CNTR RECEP	N	20/1	33		1500			1040		34	20/1	M	VAV BOXES	
	BREAKRM CNTR RECEP	N	20/1	35			1500			1200	36	20/1	M	VAV BOXES	
	BREAKRM CNTR RECEP	N	20/1	37	1500			0			38	20/1	M	SPACE ONLY	
1	FIRE DAMPERS	N	20/1	39		200			0		40	20/1	M	SPACE ONLY	
	SPARE		20/1	41			0			0	42	20/1	M	SPACE ONLY	

NOTES:
1) PROVIDE LOCK ON DEVICE.

PER PHASE TOTAL VA	11450	9200	10870
TOTAL CONNECTED VA		31520	V.A.
TOTAL CONNECTED AMPS		87	AMPS
3 x HIGHEST PHASE		34350	V.A.
HIGHEST AMPS		95	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	0	X 1.25 =	0
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	5040	X 1 =	5040
N =	NON-CONTINUOUS	9150	X 1 =	9150
R =	RECEPTACLE	17330	* =	13665
TOTAL CALCULATED LOAD (VA)			=	27855
TOTAL CALCULATED AMPS			=	77

* 1ST 10KVA + (>10KVA)/2

pk:architecture
5426 ujiraton drive - suite 110
agoura hills, california 91301
v 818 594 0057 f 818 594 0059
w pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER
JOAN A. RAYNER
E18504
Exp. 06-30-20
ELECTRICAL
STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

PANEL SCHEDULES

drawn by

project no 18-6660

date

scale

E-5.0.3

PANEL SCHEDULE

PANEL NAME:	1L2		VOLT:	208Y/120							BUS SIZE:	100 AMPS	REMARKS:				
LOCATION:	WEST OFFICES		PH:	3							MAIN BRKR:	MLO					
MOUNTING:	FLUSH		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC:	10,000			
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION		NOTES	
	ASHR RECEPS	R	20/1	1	1080			1000			2	20	R	SYSTEMS FURNITURE			
	SECRETARY RECEPS	R	20/1	3		1080			1000		4	/2	R				
	HR DIRECTOR RECEPS	R	20/1	5			1080			1000	6	20	R	SYSTEMS FURNITURE			
	STORAGE RECEPS	R	20/1	7	900			1000			8	/2	R				
	GENERAL RECPS	R	20/1	9		1080			1500		10	25	M	(E) HP-1			
	CONFERENCE RECEPS	R	20/1	11			1260			1500	12	/2	M				
	OPEN OFFICE RECEPS	R	20/1	13	360			750			14	15	M	(E) IDF-1N FAN COIL			
	OPEN OFFICE RECEPS	R	20/1	15		360			750		16	/2	M				
	COPIER RECEP	N	20/1	17			1250			1560	18	20/1	M	VAV BOXES			
	SPARE		20/1	19	0			1200			20	20/1	M	VAV BOXES			
	SPARE		20/1	21		0			880		22	20/1	M	VAV BOXES			
	SPARE		20/1	23			0			0	24	20/1		SPARE			
	SPACE ONLY			25	0			0			26			SPACE ONLY			
	SPACE ONLY			27		0			0		28			SPACE ONLY			
	SPACE ONLY			29			0			0	30			SPACE ONLY			
	SPACE ONLY			31	0			0			32			SPACE ONLY			
	SPACE ONLY			33		0			0		34			SPACE ONLY			
	SPACE ONLY			35			0			0	36			SPACE ONLY			
	SPACE ONLY			37	0			0			38			SPACE ONLY			
	SPACE ONLY			39		0			0		40			SPACE ONLY			
	SPACE ONLY			41			0			0	42			SPACE ONLY			

PER PHASE TOTAL VA	8290	6650	7650
TOTAL CONNECTED VA		20590	V.A
TOTAL CONNECTED AMPS		57	AMPS
3 x HIGHEST PHASE		22950	V.A
HIGHEST AMPS		64	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	0	X 1.25 =	0
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	8140	X 1 =	8140
N =	NON-CONTINUOUS	1250	X 1 =	1250
R =	RECEPTACLE	11200	* =	10600
TOTAL CALCULATED LOAD (VA)			=	19990
TOTAL CALCULATED AMPS			=	55

* 1ST 10KVA + (>10KVA)/2

PANEL SCHEDULE

PANEL NAME:	1L4		VOLT:	208Y/120							BUS SIZE:	225 AMPS	REMARKS:				
LOCATION:	1ST FLR S. ELEC		PH:	3							MAIN BRKR:	MLO					
MOUNTING:	SURFACE		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC:	10,000			
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION		NOTES	
	TOILET RECEPS	R	20/1	1	1080			1000			2	20/1	N	CLASSRM TV RECEPS			
1	*DRINKING FOUNTAIN*	N	20/1	3		500			1200		4	20/1	N	CLASSRM TV RECEPS			
	TELEPHONE BACKBRD	R	20/1	5			360			720	6	20/1	R	CLASSRM FLR RECEPS			
	EMP. TOILET RECEPS	R	20/1	7	360			540			8	20/1	R	CLASSRM 12 CNTR RECEPS			
	ELEC RM EXHAUST	M	20/1	9		700			900		10	20/1	R	OFFICE 114 RECEPS			
	CONDENSATE PUMP	M	15/1	11			60			900	12	20/1	R	OFFICE 115 RECEPS			
	CLASSRM 07 RECEPS	R	20/1	13	900			720			14	20/1	R	COMPUTER 166 RECEPS			
	CLASSRM 08 RECEPS	R	20/1	15		900			900		16	20/1	R	COMPUTER 166 RECEPS			
	CLASSRM 07/08 RECEPS	R	20/1	17			900			1230	18	20/1	M	VAV BOXES			
	CLASSRM 09 RECEPS	R	20/1	19	720			1040			20	20/1	M	VAV BOXES			
	CLASSRM 10 RECEPS	R	20/1	21		720			1040		22	20/1	M	VAV BOXES			
	CLASSRM 09/10 RECEPS	R	20/1	23			1080			1400	24	20/1	M	VAV BOXES			
	CLASSRM 11 RECEPS	R	20/1	25	1080			1040			26	20/1	M	VAV BOXES			
	CLASSRM 11 RECEPS	R	20/1	27		900			1040		28	20/1	M	VAV BOXES			
	PARENT CENTER RECEPS	R	20/1	29			720			1040	30	20/1	M	VAV BOXES			
	MEETING RECEPS	R	20/1	31	900			1580			32	20/1	M	VAV BOXES			
	CLASSRM 12 RECEPS	R	20/1	33		1260			500		34	20/1	R	IDF RECEP			
	SMOKE FIRE DAMPERS	N	20/1	35			400			2000	36	30	N	IDF OUTLET			
	SPACE ONLY			37	0			2000			38	/2	N				
	SPACE ONLY			39		0			2000		40	30	N	IDF OUTLET			
	SPACE ONLY			41			0			2000	42	/2	N				

NOTES:
1) PROVIDE GFI TYPE BREAKER.

PER PHASE TOTAL VA	12960	12560	12810
TOTAL CONNECTED VA		38330	V.A
TOTAL CONNECTED AMPS		106	AMPS
3 x HIGHEST PHASE		38880	V.A
HIGHEST AMPS		108	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	0	X 1.25 =	0
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	10170	X 1 =	10170
N =	NON-CONTINUOUS	11100	X 1 =	11100
R =	RECEPTACLE	17060	* =	13530
TOTAL CALCULATED LOAD (VA)			=	34800
TOTAL CALCULATED AMPS			=	97

* 1ST 10KVA + (>10KVA)/2

PANEL SCHEDULE

PANEL NAME:	2L2		VOLT:	208Y/120							BUS SIZE:	100 AMPS	REMARKS:				
LOCATION:	2ND FLR N. ELEC		PH:	3							MAIN BRKR:	MLO					
MOUNTING:	SURFACE		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC:	10,000			
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION		NOTES	
	ED. TECH RECEPS	R	20/1	1	900			720			2	20/1	R	LOUNGE RECEPS			
	ED. TECH RECEPS	R	20/1	3		720			1500		4	20	N	LOUNGE CNTR RECEPS			
	LSS SECY. RECEPS	R	20/1	5			1080			1500	6	/2	N	LOUNGE CNTR RECEPS			
	CONFERENCE RECEPS	R	20/1	7	540			1500			8	20	R	LOUNGE CNTR RECEPS			
	CONFERENCE FLR RECEPS	R	20/1	9		720			200		10	/2	R	LOUNGE CNTR RECEPS			
	DIR. LSS OFFICE	R	20/1	11			1080			200	12	20	R	LOUNGE CNTR RECEPS			
	OFFICE 217 RECEPS	R	20/1	13	1080			200			14	/2	R	LOUNGE CNTR RECEPS			
	OFFICE 216 RECEPS	R	20/1	15		1080			600		16	20/1	N	REFRIGERATOR			
	OFFICE 215 RECEPS	R	20/1	17			900			600	18	20/1	N	REFRIGERATOR			
	OFFICE 211 RECEPS	R	20/1	19	900			600			20	20/1	N	REFRIGERATOR			
	OFFICE 210 RECEPS	R	20/1	21		900			0		22	20/1		SPARE			
	OFFICE 209 RECEPS	R	20/1	23			900			0	24	20/1		SPARE			
	IT COLLAB STORAGE RECEPS	R	20/1	25	1080			1400			26	20	N	IT 207 COPIER			
	CLASSRM 205 RECEPS	R	20/1	27		900			1400		28	/2	N				
	CLASSRM 204 RECEPS	R	20/1	29			900			0	30			SPACE ONLY			
	LSS SECY. RECEPS	R	20/1	31	720			0			32			SPACE ONLY			
	LSS SECY. COPIER	N	20/1	33		1250			1060		34	20/1	M	VAV BOXES			
	SPARE		20/1	35			0			1060	36	20/1	M	VAV BOXES			
	SPACE ONLY			37	0			890			38	15/1	M	VAV BOXES			
	SPACE ONLY			39		0			1250		40	20/1	M	VAV BOXES			
	SPACE ONLY			41			0			1060	42	20/1	M	VAV BOXES			

NOTES:
1) PROVIDE GFI TYPE BREAKER.

PER PHASE TOTAL VA	10530	11580	9280
TOTAL CONNECTED VA		31390	V.A
TOTAL CONNECTED AMPS		87	AMPS
3 x HIGHEST PHASE		34740	V.A
HIGHEST AMPS		96	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	0	X 1.25 =	0
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	5320	X 1 =	5320
N =	NON-CONTINUOUS	8850	X 1 =	8850
R =	RECEPTACLE	17220	* =	13610
TOTAL CALCULATED LOAD (VA)			=	27780
TOTAL CALCULATED AMPS			=	77

* 1ST 10KVA + (>10KVA)/2

PANEL SCHEDULE

PANEL NAME:	1L3		VOLT:	208Y/120							BUS SIZE:	400 AMPS	REMARKS:				
LOCATION:	1ST FLR S. ELEC		PH:	3							MAIN BRKR:	300 AMPS					
MOUNTING:	SURFACE		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC:	10,000			
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION		NOTES	
	MAIN LOBBY RECEPS	R	20/1	1	720			600			2	20/1	N	BOARD RM TV RECEPS			
	BOARD RM RECEPS	R	20/1	3		1260			600		4	20/1	N	BOARD RM TV RECEPS			
	AV BOOTH RECEPS	R	20/1	5			720			1000	6	20/1	N	CLASSRM TV RECEPS			
	AV BOOTH RECEPS	R	20/1	7	720			1000			8	20/1	N	CLASSRM TV RECEPS			
	CONFERENCE RECEPS	R	20/1	9		720			540		10	20/1	R	CLASSRM 13 CNTR RECEPS			
	CONFERENCE FLR RECEPS	R	20/1	11			720			540	12	20/1	R	CLASSRM 12/13/14 FLR RECEP			
	MEETING RM RECEPS	R	20/1	13	900			1440			14	20/1	R	CORRIDOR RECEPS			
	CLASSRM 06C/D RECEPS	R	20/1	15		900			540		16	20/1	R	CLASSRM 15/ MTG FLR RECEP			
	CLASSRM 06C/D RECEPS	R	20/1	17			900			360	18	20/1	R	BOARD RM FLR RECEPS			
	CLASSRM 06C/D RECEPS	R	20/1	19	900			720			20	20/1	R	BOARD RM DESK RECEPS			
	CLASSRM 06C/D FLR RECEP	R	20/1	21		360			540		22	20/1	R	BOARD RM DESK RECEPS			
	CLASSRM 06A/B FLR RECEP	R	20/1	23			360			540	24	20/1	R	BOARD RM DESK RECEPS			
	CLASSRM 06A/B RECEPS	R	20/1	25	900			0			26			SPACE ONLY			
	CLASSRM 06A/B RECEPS	R	20/1	27		900			0		28			SPACE ONLY			
	SPARE		20/1	29			0			0	30			SPACE ONLY			
	CLASSRM 14 RECEPS	R	20/1	31	1080			0			32			SPACE ONLY			
	CLASSRM 14 RECEPS	R	20/1	33		900			0		34			SPACE ONLY			
	CLASSRM 13 RECEPS	R	20/1	35			1260			0	36			SPACE ONLY			
	CLASSRM 15 RECEPS	R	20/1	37	1260			0			38			SPACE ONLY			
1	FIRE DAMPERS	N	20/1	39		200			0		40			SPACE ONLY			
	SPARE		20/1	41			0			0	42			SPACE ONLY			
	SPACE ONLY			43	0			0			44			SPACE ONLY			
	SPACE ONLY			45		0			0		46			SPACE ONLY			
	SPACE ONLY			47			0			0	48			SPACE ONLY			
	SPACE ONLY			49	0			11600			50	150	N				
	SPACE ONLY			51		0			11600		52	/	N	PANEL 1L4			
	SPACE ONLY			53			0			11600	54	3	N				

NOTES:
1) PROVIDE LOCK ON DEVICE.

PER PHASE TOTAL VA	21840	19060	18000
TOTAL CONNECTED VA		58900	V.A
TOTAL CONNECTED AMPS		163	AMPS
3 x HIGHEST PHASE		65520	V.A
HIGHEST AMPS		182	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	0	X 1.25 =	0
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	0	X 1 =	0
N =	NON-CONTINUOUS	38200	X 1 =	38200
R =	RECEPTACLE	20700	* =	15350
TOTAL CALCULATED LOAD (VA)			=	53550
TOTAL CALCULATED AMPS			=	149

* 1ST 10KVA + (>10KVA)/2

PANEL SCHEDULE

PANEL NAME:	2L1		VOLT:	208Y/120							BUS SIZE:	400 AMPS	REMARKS:				
LOCATION:	2ND FLR N. ELEC		PH:	3							MAIN BRKR:	300 AMPS					
MOUNTING:	SURFACE		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC:	10,000			
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION		NOTES	
	CONFERENCE RECEPS	R	20/1	1	720			800			2	20/1	N	TV MONITORS			
	SUPT. OFFICE RECEPS	R	20/1	3		1080			1200		4	20/1	N	TV MONITORS			
	OFFICE 226 RECEPS	R	20/1	5			720			1080	6	20/1	R	*RESTRM RECEPS*			
	ADMIN ASSIST. RECEPS	R	20/1	7	1080			500			8	20/1	N	*DRINKING FOUNTAIN*		1	
	ELS PARENT CTR RECEPS	R	20/1	9		720			1250		10	20/1	N	OFFICE 225 COPIER			
	ELS PARENT CTR RECEPS	R	20/1	11			900			200	12	20/1	N	FIRE DAMPERS		2	
	SMALL CLASSRM RECEPS	R	20/1	13	1080			700			14	20/1	M	ELEC RM EXHAUST			
	DIR. OFFICE 231 RECEPS	R	20/1	15		1080			0		16			SPACE ONLY			
	DIR. OFFICE 232 RECEPS	R	20/1	17			1080			0	18			SPACE ONLY			
	OFFICE 234 RECEPS	R	20/1	19	1080			0			20			SPACE ONLY			
	OFFICE 236 RECEPS	R	20/1	21		1080			0		22			SPACE ONLY			
	OFFICE 237 RECEPS	R	20/1	23			900			0	24			SPACE ONLY			
	OFFICE 238 RECEPS	R	20/1	25	1080			0			26			SPACE ONLY			
	OFFICE 239 RECEPS	R	20/1	27		900			0		28			SPACE ONLY			
	CORRIDOR RECEPS	R	20/1	29			1260			0	30			SPACE ONLY			
	CP/EL SECY. RECEPS	R	20/1	31	900			0			32			SPACE ONLY			
	STORAGE RECEPS	R	20/1	33		1080			0		34			SPACE ONLY			
	SMALL CLASSRM RECEPS	R	20/1	35			1260			0	36			SPACE ONLY			
	SPARE		20/1	37	0			0			38			SPACE ONLY			
	SPARE		20/1	39		0			0		40			SPACE ONLY			
	SPARE		20/1	41			0			0	42			SPACE ONLY			
	TELEPHONE BACKBRD	R	20/1	43	360			9260			44	100	N				
	IDF RECEP	N	20/1	45		500			9260		46	/	N	PANEL '2L2'			
	IDF OUTLET	N	30	47			2000			9260	48	3	N				
		N	/2	49	2000			5993			50	200	N				
	IDF OUTLET	N	30	51		2000			5993		52	/	N	PANEL '2L3'			
		N	/2	53			2000			5993	54	3	N				

NOTES:
1) PROVIDE GFI TYPE BREAKER.
2) PROVIDE LOCK "ON" DEVICE.

PER PHASE TOTAL VA	25553	26143	26653
TOTAL CONNECTED VA		78350	V.A
TOTAL CONNECTED AMPS		217	AMPS
3 x HIGHEST PHASE		79960	V.A
HIGHEST AMPS		222	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	0	X 1.25 =	0
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	700	X 1 =	700
N =	NON-CONTINUOUS	58210	X 1 =	58210
R =	RECEPTACLE	19440	* =	14720
TOTAL CALCULATED LOAD (VA)			=	73630
TOTAL CALCULATED AMPS			=	204

* 1ST 10KVA + (>10KVA)/2

pk:architecture
5426 ujiraton drive - suite 110
agoura hills, california 91301
v 818.594.0057 f 818.594.0059
w pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER
JOANNA RAYNER
E18504
Exp. 06-30-20
ELECTRICAL
STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

PANEL SCHEDULES

drawn by

project no 18-6660

date

scale

E-5.0.4

PANEL SCHEDULE

PANEL NAME:	2L3		VOLT:	208Y/120							BUS SIZE:	225 AMPS	REMARKS:		
LOCATION:	STORAGE		PH:	3							MAIN BRKR:	150 AMPS			
MOUNTING:	SURFACE		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC:	10,000	
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	SPARE		20/1	1	0			360			2	20/1	R	CONFERENCE/ TV RECEPS	
	SPARE		20/1	3		0			1080		4	20/1	R	ASST. SUPT. OFFICE RECEPS	
	SPARE		20/1	5			0			720	6	20/1	R	ASES ASST. RECEPS	
	SPARE		20/1	7	0			540			8	20/1	R	STORAGE RECEPS	
	C.E. RECEP. COPIER	N	20/1	9		1250			540		10	20/1	R	HALLWAY RECEPS	
	SPARE		20/1	11			0			1080	12	20/1	R	OFFICE 251 RECEPS	
	VAV BOXES	M	20/1	13	1060			1080			14	20/1	R	OFFICE 252 RECEPS	
	VAV BOXES	M	20/1	15		1060			900		16	20/1	R	OFFICE 256 RECEPS	
	VAV BOXES	M	20/1	17			1060			900	18	20/1	R	OFFICE 257 RECEPS	
	VAV BOXES	M	20/1	19	1200			900			20	20/1	R	OFFICE 258 RECEPS	
	VAV BOXES	M	15/1	21		700			720		22	20/1	R	SS DIR. SECY. RECEPS	
	SPARE		20/1	23			0			1080	24	20/1	R	RECEPTION RECEPS	
	SPACE ONLY			25	0			900			26	20/1	R	RECEPTION RECEPS	
	SPACE ONLY			27		0			1250		28	20/1	N	SS DIR. SECY. COPIER	
	SPACE ONLY			29			0			0	30	20/1		SPARE	
	SPACE ONLY			31	0			0			32			SPACE ONLY	
	SPACE ONLY			33		0			0		34			SPACE ONLY	
	SPACE ONLY			35			0			0	36			SPACE ONLY	
	SPACE ONLY			37	0			0			38			SPACE ONLY	
	SPACE ONLY			39		0			0		40			SPACE ONLY	
	SPACE ONLY			41			0			0	42			SPACE ONLY	

PER PHASE TOTAL VA	6040	7500	4840
TOTAL CONNECTED VA		18380	V.A.
TOTAL CONNECTED AMPS		51	AMPS
3 x HIGHEST PHASE		22500	V.A.
HIGHEST AMPS		62	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	0	X 1.25 =	0
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	5080	X 1 =	5080
N =	NON-CONTINUOUS	2500	X 1 =	2500
R =	RECEPTACLE	10800	* =	10400
TOTAL CALCULATED LOAD (VA)			=	17980
TOTAL CALCULATED AMPS			=	50

* 1ST 10KVA + (>10KVA)/2

PANEL SCHEDULE

PANEL NAME:	2L5		VOLT:	208Y/120							BUS SIZE:	225 AMPS	REMARKS:		
LOCATION:	2ND FLR S. ELEC		PH:	3							MAIN BRKR:	MLO			
MOUNTING:	SURFACE		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC:	10,000	
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	CLASSRM 248 RECEPS	R	20/1	1	1080			1000			2	20/1	R	TV MONITORS	
	CLASSRM 248 RECEPS	R	20/1	3		900			600		4	20/1	R	TV MONITORS	
	CLASSRM 248 FLR RECEPS	R	20/1	5			360			625	6	20	R	OPEN OFICE	
	CONFERENCE 245 RECEPS	R	20/1	7	720			625			8	/2	R	SYSTEM FURNITURE	
	PAYROLL OFFICE RECEPS	R	20/1	9		720			625		10	20	R	OPEN OFICE	
	PAYROLL OFFICE RECEPS	R	20/1	11			720			625	12	/2	R	SYSTEM FURNITURE	
	CORRIDOR/ STORAGE RECEP	R	20/1	13	1440			1250			14	20/1	N	COPY MACHINE	
	PAYROLL OFFICE RECEPS	R	20/1	15		1080			1250		16	20/1	N	NUTRN. SERV. COPIER	
	BUS. SUPERVISOR RECEPS	R	20/1	17			1080			0	18	20/1		SPARE	
	BUS. SUPERVISOR RECEPS	R	20/1	19	1080			0			20	20/1		SPARE	
	OPEN OFFICE RECEPS	R	20/1	21		720			0		22	20/1		SPARE	
	NUTRITION SERV. OFFICE	R	20/1	23			1080			0	24	20/1		SPARE	
	CONFERENCE REECEPS	R	20/1	25	1080			1500			26	20	N	KITCHEN CNTR RECEPS	
	PURCHASING OFFICE RECEP	R	20/1	27		720			1500		28	/2	N	KITCHEN CNTR RECEPS	
	SPARE		20/1	29			0			1000	30	20	N	KITCHEN CNTR RECEPS	
	SPARE		20/1	31	0			1000			32	/2	N	KITCHEN CNTR RECEPS	
	WORK ROOM COPIER	N	20	33		1400			600		34	20/1	N	REFRIGERATOR	
		N	/2	35			1400			600	36	20/1	N	REFRIGERATOR	
	SPACE ONLY			37	0			600			38	20/1	N	FREEZER	
	SPACE ONLY			39		0			600		40	20/1	N	FREEZER	
	SPACE ONLY			41			0			360	42	20/1	R	PREP TABLE RECEPS	

NOTES:
1) PROVIDE GFI TYPE BREAKER.

PER PHASE TOTAL VA	11375	10715	7850
TOTAL CONNECTED VA		29940	V.A.
TOTAL CONNECTED AMPS		83	AMPS
3 x HIGHEST PHASE		34125	V.A.
HIGHEST AMPS		95	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	0	X 1.25 =	0
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	0	X 1 =	0
N =	NON-CONTINUOUS	12700	X 1 =	12700
R =	RECEPTACLE	17240	* =	13620
TOTAL CALCULATED LOAD (VA)			=	26320
TOTAL CALCULATED AMPS			=	73

* 1ST 10KVA + (>10KVA)/2

PANEL SCHEDULE

PANEL NAME:	2L7		VOLT:	208Y/120							BUS SIZE:	225 AMPS	REMARKS:		
LOCATION:	SERVER RM		PH:	3							MAIN BRKR:	225 AMPS			
MOUNTING:	SURFACE		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC:	10,000	
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	WORK STATION RECEPS	R	20/1	1	720			20000			2	200	N		
	WORK STATION RECEPS	R	20/1	3		540			20000		4	/	N	FUTURE 60 KW UPS	
	WORK STATION RECEPS	R	20/1	5			720			20000	6	3	N		
				7							8				
				9							10				
				11							12				
				13							14				
				15							16				
				17							18				
				19							20				
				21							22				
				23							24				
				25							26				
				27							28				
				29							30				
				31							32				
				33							34				
				35							36				
				37							38				
				39							40				
				41							42				

PER PHASE TOTAL VA	20720	20540	20720
TOTAL CONNECTED VA		61980	V.A.
TOTAL CONNECTED AMPS		172	AMPS
3 x HIGHEST PHASE		62160	V.A.
HIGHEST AMPS		173	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	0	X 1.25 =	0
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	0	X 1 =	0
N =	NON-CONTINUOUS	60000	X 1 =	60000
R =	RECEPTACLE	1980	* =	1980
TOTAL CALCULATED LOAD (VA)			=	61980
TOTAL CALCULATED AMPS			=	172

* 1ST 10KVA + (>10KVA)/2

PANEL SCHEDULE

PANEL NAME:	2L4		VOLT:	208Y/120							BUS SIZE:	400 AMPS	REMARKS:		
LOCATION:	2ND FLR S. ELEC		PH:	3							MAIN BRKR:	300 AMPS			
MOUNTING:	SURFACE		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC:	10,000	
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	ISS OFFICE 252 RECEPS	R	20/1	1	900			1080			2	20/1	R	*RESTRM RECEPS*	
	OFFICE 253 RECEPS	R	20/1	3		900			500		4	20/1	N	*DRINKING FOUNTAIN*	1
	OFFICE 254 RECEPS	R	20/1	5			1080			750	6	20	R	TPP OPEN OFICE	
	ISS SECRETARY RECEPS	R	20/1	7	900			750			8	/2	R	SYSTEM FURNITURE	
	CORRIDOR RECEPS	R	20/1	9		1260			750		10	20	R	TPP OPEN OFICE	
	CORRIDOR RECEPS	R	20/1	11			1440			750	12	/2	R	SYSTEM FURNITURE	
	ISS/LDC COLL/AB. RECEPS	R	20/1	13	720			500			14	20	R	IEP OPEN OFFICE	
	ISS/LDC COLL/AB. RECEPS	R	20/1	15		720			500		16	/2	R	SYSTEM FURNITURE	
	ISS/LDC COLL/AB. FLR RECEP	R	20/1	17			720			500	18	20	R	IEP OPEN OFFICE	
	OFFICE 204 RECEPS	R	20/1	19	1080			500			20	/2	R	SYSTEM FURNITURE	
	OFFICE 205 RECEPS	R	20/1	21		1080			750		22	20	R	OPEN OFFICE	
	DIR, OFFICE 211 RECEPS	R	20/1	23			1080			750	24	/2	R	SYSTEM FURNITURE	
	OFFICE 212 RECEPS	R	20/1	25	900			750			26	20	R	OPEN OFFICE	
	OFFICE 215 RECEPS	R	20/1	27		900			750		28	/2	R	SYSTEM FURNITURE	
	SPED. DIR. SECY. RECEPS	R	20/1	29			720			1250	30	20/1	N	ISS/LDC COPIER	
	OFFICE 209 RECEPS	R	20/1	31	900			360			32	20/1	R	TELEPHONE BACKBRD	
	OFFICE 213 RECEPS	R	20/1	33		900			500		34	20/1	N	IDF RECEP	
	CONFERENCE 214 RECEPS	R	20/1	35			1080			2000	36	30	N	IDF OUTLET	
	OFFICE 217 RECEPS	R	20/1	37	1080			2000			38	/2	N		
	OFFICE 218 RECEPS	R	20/1	39		1080			2000		40	30	N	IDF OUTLET	
	OFFICE 222 RECEPS	R	20/1	41			900			2000	42	/2	N		
	OFFICE 223 RECEPS	R	20/1	43	900			8773			44	150	N		
	CONFERENCE 224 RECEPS	R	20/1	45		1080			8773		46	/	N	PANEL '2L5'	
	TRANING RM RECEPS	R	20/1	47			900			8773	48	3	N		
	TRANING RM RECEPS	R	20/1	49	720			1250			50	20/1	N	SPED. DIR. SECY. COPIER	
	FILE/ WORK RM RECEPS	R	20/1	51		1260			1250		52	20/1	N	PURCH. OFFICE COPIER	
	SPARE		20/1	53			0			0	54	20/1		SPARE	
	SPACE ONLY			55	0						56			SPACE ONLY	
	SPACE ONLY			57		0					58			SPACE ONLY	
	SPACE ONLY			59			0				60			SPACE ONLY	

NOTES:
1) PROVIDE GFI TYPE BREAKER.

PER PHASE TOTAL VA	24063	24953	24693
TOTAL CONNECTED VA		73710	V.A.
TOTAL CONNECTED AMPS		205	AMPS
3 x HIGHEST PHASE		74880	V.A.
HIGHEST AMPS		208	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	0	X 1.25 =	0
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	0	X 1 =	0
N =	NON-CONTINUOUS	39070	X 1 =	39070
R =	RECEPTACLE	34640	* =	22320
TOTAL CALCULATED LOAD (VA)			=	61390
TOTAL CALCULATED AMPS			=	170

* 1ST 10KVA + (>10KVA)/2

PANEL SCHEDULE

PANEL NAME:	2L6		VOLT:	208Y/120							BUS SIZE:	225 AMPS	REMARKS:		
LOCATION:	2ND FLR S. ELEC		PH:	3							MAIN BRKR:	225 AMPS			
MOUNTING:	SURFACE		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	GFI:	NO	AIC:	10,000	
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT							CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	CU-1 / FC-1	M	30	1	1460			1400			2	20/1	M	VAV BOXES	
		M	/2	3		1460			1400		4	20/1	M	VAV BOXES	
	IDF CU-2N	M	40	5			2500			1200	6	20/1	M	VAV BOXES	
		M	/2	7	2500			1200			8	20/1	M	VAV BOXES	
	IDF CU-2S	M	40	9		2500			1200		10	20/1	M	VAV BOXES	
		M	/2	11			2500			1400	12	20/1	M	VAV BOXES	
	SPACE ONLY			13	0			1400			14	20/1	M	VAV BOXES	
	SPACE ONLY			15		0			1400		16	20/1	M	VAV BOXES	
	SPACE ONLY			17			0			700	18	15/1	M	VAV BOXES	
	SPACE ONLY			19	0			700			20	15/1	M	EF-1 (ON ROOF)	
	SPACE ONLY			21		0			180		22	20/1	R	ROOFTOP RECEP	
	SPACE ONLY			23			0			200	24	20/1	N	FIRE DAMPERS	2
	SPACE ONLY			25	0			700			26	20/1	M	ELEC RM EXHAUST	
	SPACE ONLY			27		0			0		28			SPACE ONLY	
	SPACE ONLY			29			0			0	30			SPACE ONLY	
	SPACE ONLY			31	0			0			32			SPACE ONLY	
	SPACE ONLY			33		0			0		34			SPACE ONLY	
	SPACE ONLY			35			0			0	36			SPACE ONLY	
	SPACE ONLY			37	0			0			38			SPACE ONLY	
	SPACE ONLY			39		0			0		40			SPACE ONLY	
	SPACE ONLY			41			0			0	42			SPACE ONLY	

NOTES:
1) PROVIDE GFI TYPE BREAKER.
2) PROVIDE LOCK "ON" DEVICE.

PER PHASE TOTAL VA	9360	8140	8500
TOTAL CONNECTED VA		26000	V.A.
TOTAL CONNECTED AMPS		72	AMPS
3 x HIGHEST PHASE		28080	V.A.
HIGHEST AMPS		78	AMPS

LOAD TYPE		CONNECTED	MULTIPLIER	TOTAL
L =	LIGHTING	0	X 1.25 =	0
C =	CONTINUOUS	0	X 1.25 =	0
LM =	LARGEST MOTOR	0	X 1.25 =	0
M =	REMAINING MOTORS	25620	X 1 =	25620
N =	NON-CONTINUOUS	200	X 1 =	200
R =	RECEPTACLE	180	* =	180
TOTAL CALCULATED LOAD (VA)			=	26000
TOTAL CALCULATED AMPS			=	72

* 1ST 10KVA + (>10KVA)/2

pk:architecture

5426 ujiraton drive - suite 110
agoura hills, california 91301
v 818 594 0057 f 818 594 0019
w pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER
JOA.RAYNER
E18504
Exp. 06-30-20
ELECTRICAL
STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

PANEL SCHEDULES

drawn by

project no 18-66.60

date

scale

E-5.0.5

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 7/18) — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
This document is used to demonstrate compliance with requirements in §110.9, §130.0, §130.1, §140.6, and §141.0(b)2 for indoor lighting scopes using the prescriptive path.		
Project Name: Tenant Improvements for Oxnard High School District	Report Page:	Page 1 of 7
Project Address: 1800 N Solar Drive	Date Prepared:	12/16/2019

A. GENERAL INFORMATION

01	Project Location (city)	Oxnard	04	Total Conditioned Floor Area (ft²)	75,700
02	Climate Zone	9	05	Total Unconditioned Floor Area (ft²)	0
03	Occupancy Types Within Project (select all that apply):		06	# of Stories (Habitable Above Grade)	2

☐ Office ☐ Retail ☐ Warehouse ☐ Hotel/Motel ☑ School ☐ Support Areas
☐ Parking Garage ☐ High-Rise Residential ☐ Relocatable ☐ Other (write in):

B. PROJECT SCOPE

Table Instructions: Include any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.6 or §141.0(b)2 for alterations. WARNING: Changing the Calculation Method in this table will result in the deletion of data previously input. If you need to change the calculation method, please open a new form or use "Save As".

Scope of Work	Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft²)	Calculation Method	Area (ft²)
☑ New Lighting System	Complete Building	75,700	Complete Building	0
☐ Altered Lighting System				
Total Area of Work (ft²)	**75,700**		**0**	

C. COMPLIANCE RESULTS

Table Instructions: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per §140.6(b)1.	Allowed Lighting Power per §140.6(b) (Watts)						Actual Lighting Power per §140.6(a) (Watts)					Compliance Results
	01	02	03	04	05		06	07	08		09	10
	Complete Building §140.6(c)1	Area Category §140.6(c)2	Area Category Footnotes §140.6(c)2G (+)	Tailored §140.6(c)3 (+)	**Total Allowed** (Watts)		Total Designed (Watts)	Adjustments: Portable Lighting §140.6(a) (-)	Adjustments: PAF Control Credits §140.6(a)2 (-)		**Total Actual** (Watts) *Includes Adjustments	**05 Must be ≥ 09** §140.6
	(See Table I)	(See Table I)	(See Table K)	(See Table L)			(See Table F)	(See Table J)	(See Table R)			
Conditioned:	83,270				= **83,270**	≥	39,259			=	**39,259**	**COMPLIES**
Unconditioned:					=	≥				=		
Controls Compliance (See Table H for Details)												**COMPLIES with Exceptional Conditions**
Rated Power Reduction Compliance (See Table S for Details)												**Not Applicable**

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 7/18) — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: Tenant Improvements for Oxnard High School District	Report Page:	Page 2 of 7
Project Address: 1800 N Solar Drive	Date Prepared:	12/16/2019

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

Table H. Indoor Lighting Controls Permit Applicant Notes:
Private Offices: Less than 120W per zone.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. INDOOR LIGHTING FIXTURE SCHEDULE

Table Instructions: Include all permanent designed lighting and all portable lighting in offices.

01	02	03		04	05	06	07	08	09	
Name or Item Tag	Complete Luminaire Description	Specialized Luminaire Types: Track	Portable	Watts per luminaire[1]	How Wattage is determined	Total number luminaires	Exempt per §140.6(a)3	Design Watts	Field Inspector: Pass	Fail
F1	48w2X4 LED TROFFER	☐	☐	48	Mfr. Spec[1]	159	☐	7,632	☐	☐
F10	320w LOW VOLTAGE LED TRACK LIGH	☐	☐	320	Mfr. Spec[1]	1	☐	320	☐	☐
F1B	74w LED TROFFER	☐	☐	74	Mfr. Spec[1]	11	☐	814	☐	☐
F2	31w 2X2 LED TROFFER	☐	☐	31	Mfr. Spec[1]	12	☐	372	☐	☐
F3	16w LED CAN LIGHT	☐	☐	16	Mfr. Spec[1]	46	☐	736	☐	☐
F4A	40w SUSPENDED LINEAR LED	☐	☐	40	Mfr. Spec[1]	12	☐	480	☐	☐
F4A-HO	44w SUSPENDED LINEAR LED	☐	☐	44	Mfr. Spec[1]	2	☐	88	☐	☐
F4B	80w SUSPENDED LINEAR LED	☐	☐	80	Mfr. Spec[1]	156	☐	12,480	☐	☐
F4B-HO	88w SUSPENDED LINEAR LED	☐	☐	88	Mfr. Spec[1]	17	☐	1,496	☐	☐
F4C	120w SUSPENDED LINEAR LED	☐	☐	120	Mfr. Spec[1]	29	☐	3,480	☐	☐
F4D	60w SUSPENDED LINEAR LED	☐	☐	60	Mfr. Spec[1]	10	☐	600	☐	☐
F4D-HO	66w SUSPENDED LINEAR LED	☐	☐	66	Mfr. Spec[1]	17	☐	1,122	☐	☐
F4F	100w SUSPENDED LINEAR LED	☐	☐	100	Mfr. Spec[1]	15	☐	1,500	☐	☐
F4F-HO	110w SUSPENDED LINEAR LED	☐	☐	110	Mfr. Spec[1]	8	☐	880	☐	☐
F4G	160w SUSPENDED LINEAR LED	☐	☐	160	Mfr. Spec[1]	4	☐	640	☐	☐
F5	44w SUSPENDED LINEAR LED	☐	☐	44	Mfr. Spec[1]	112	☐	4,928	☐	☐

Table Continued

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 7/18) — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: Tenant Improvements for Oxnard High School District	Report Page:	Page 3 of 7
Project Address: 1800 N Solar Drive	Date Prepared:	12/16/2019

01	02	03		04	05	06	07	08	09	
Name or Item Tag	Complete Luminaire Description	Specialized Luminaire Types: Track	Portable	Watts per luminaire[1]	How Wattage is determined	Total number luminaires	Exempt per §140.6(a)3	Design Watts	Field Inspector: Pass	Fail
F6	33w LED PENDANT	☐	☐	33	Mfr. Spec[1]	3	☐	99	☐	☐
F7	18w SUSPENDED LINEAR LED	☐	☐	18	Mfr. Spec[1]	4	☐	72	☐	☐
F8	44w SUSPENDED LINEAR LOWBAY LE	☐	☐	44	Mfr. Spec[1]	28	☐	1,232	☐	☐
F9	32w 6" LED CAN LIGHT	☐	☐	32	Mfr. Spec[1]	9	☐	288	☐	☐
						Total Designed Watts CONDITIONED SPACES:		**39,259**		

[1]NOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c) Wattage used must be the maximum rated for the luminaire, not the lamp.

G. TRACK LIGHTING

This Section Does Not Apply

H. INDOOR LIGHTING CONTROLS (Not Including PAFs)

Table Instructions:
*Please include lighting controls for conditioned and unconditioned spaces in this table. When an option having a * is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.*

Building Level Controls

01	02	03	
Mandatory Demand Response §130.1(e)	Shut-off Controls §130.1(c)	Field Inspector: Pass	Fail
Required > 10,000 SF	Whole Building: Automatic Time Switch	☐	☐

Area Level Controls

04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Area Controls §130.1(a)	Multi-Level Controls §130.1(b)	Shut-Off Controls §130.1(c)	Primary/Skylit Daylighting §130.1(d)	Secondary Daylighting §140.6(d)	Interlocked Systems §140.6(a)1	Field Inspector: Pass	Fail
Classroom	Classroom, Lecture, Training	Manual ON/OFF	Dimmer	Occ Sensor	Included	Included		☐	☐
Private Offices	Office <= 250 sqft	Manual ON/OFF	Dimmer	Occ Sensor	Exempt *	Exempt *		☐	☐
Corridors	Corridor/Restroom/Support	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A		☐	☐
Conference	Convention/Conference/Meeting	Manual ON/OFF	Dimmer	Occ Sensor	Included	Included		☐	☐
Kitchenette	Kitchenette	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A		☐	☐
Open Office	Office > 250 sqft	Manual ON/OFF	Dimmer	Occ Sensor	Included	Included		☐	☐

Table Continued

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 7/18) — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: Tenant Improvements for Oxnard High School District	Report Page:	Page 4 of 7
Project Address: 1800 N Solar Drive	Date Prepared:	12/16/2019

04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Area Controls §130.1(a)	Multi-Level Controls §130.1(b)	Shut-Off Controls §130.1(c)	Primary/Skylit Daylighting §130.1(d)	Secondary Daylighting §140.6(d)	Interlocked Systems §140.6(a)1	Field Inspector: Pass	Fail

*NOTES: Controls with a * require a note in the space below explaining how compliance is achieved.
EX: Conference 1: Primary/Skylight Daylighting: Exempt because less than 120 watts of general lighting; EXCEPTION 1 to §130.1(d)2
Private Offices Less than 120W per zone.

13
Plan Sheet Showing Daylit Zones:

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Table Instructions: Complete the table for each area complying using the Complete Building or Area Category Methods per §140.6(b). Indicate if additional lighting power allowances per §140.6(c) or adjustments per §140.6(a) are being used.

Conditioned Spaces

01	02	03	04	05	06		
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowances / Adjustments: Footnotes	PAF	Portable Ltg
Whole Building	Classroom Building	1.1	75,700	83,270	☐	☐	☐
		TOTAL:	**75,700**	**83,270**	See Tables J, K, R for detail		

J. POWER ADJUSTMENT: PORTABLE LIGHTING IN OFFICES

This Section Does Not Apply

K. ADDITIONAL LIGHTING ALLOWANCE: AREA CATEGORY METHOD FOOTNOTES

This Section Does Not Apply

L. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE

This Section Does Not Apply

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED SPECIAL FUNCTION AREAS

This Section Does Not Apply

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 7/18) — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: Tenant Improvements for Oxnard High School District	Report Page:	Page 5 of 7
Project Address: 1800 N Solar Drive	Date Prepared:	12/16/2019

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY

This Section Does Not Apply

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING

This Section Does Not Apply

P. ADDITIONAL LIGHTING ALLOWANCE: TAILORED ORNAMENTAL/SPECIAL EFFECTS

This Section Does Not Apply

Q. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE

This Section Does Not Apply

R. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (PAF)

This Section Does Not Apply

S. RATED POWER REDUCTION COMPLIANCE BY SPACE

This Section Does Not Apply

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 7/18) — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: Tenant Improvements for Oxnard High School District	Report Page:	Page 6 of 7
Project Address: 1800 N Solar Drive	Date Prepared:	12/16/2019

T. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at http://www.energy.ca.gov/2015publications/CEC-400-2015-033/appendices/forms/NRCI

YES	NO	Form/Title	Field Inspector: Pass	Fail
◉	○	NRCI-LTI-01-E - Must be submitted for all buildings	☐	☐
◉	○	NRCI-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	☐	☐
○	◉	NRCI-LTI-03-E - Must be submitted for a line-voltage track lighting integral current limiter, or for a supplementary overcurrent protection panel used to energize only line-voltage track lighting, to be recognized for compliance.	☐	☐
○	◉	NRCI-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance.	☐	☐
○	◉	NRCI-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.	☐	☐
○	◉	NRCI-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.	☐	☐

U. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

YES	NO	Form/Title	Field Inspector: Pass	Fail
◉	○	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	☐	☐
◉	○	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	☐	☐
◉	○	NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	☐	☐
○	◉	NRCA-LTI-05-A - Must be submitted for institutional tuning power adjustment factor (PAF).	☐	☐

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 7/18) — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: Tenant Improvements for Oxnard High School District	Report Page:	Page 7 of 7
Project Address: 1800 N Solar Drive	Date Prepared:	12/16/2019

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

Documentation Author Name:	Jo Rayner	Documentation Author Signature:	
Company:	Vector Engineering Group	Signature Date:	12/16/2019
Address:	19012 Saddleback Ridge Rd.	CEA/ HERS Certification Identification (if applicable):	
City/State/Zip:	Santa Clarita, Ca 91351	Phone:	(818)731-9120

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name:	Jo A. Rayner	Responsible Designer Signature:	
Company :	Vector Engineering Group	Date Signed:	12/16/2019
Address:	19012 Saddleback Ridge Rd.	License:	E18504
City/State/Zip:	Canyon Country, CA 91351	Phone:	818-731-9120

pk:architecture
5126 clareton drive · suite 110
agoura hills, california 91301
v 818.594.0057 f 818.594.0019
w. pkarchitecture.net

REGISTERED PROFESSIONAL ENGINEER
JO A. RAYNER
E18504
Exp. 06-30-20
ELECTRICAL
STATE OF CALIFORNIA

TENANT IMPROVEMENTS FOR:
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

△	remarks	date
	PLAN CHECK	12.17.19

sheet title

TITLE 24
INDOOR LIGHTING
COMPLIANCE
CERTIFICATES

drawn by

project no 18-6660

date

scale

E-6.0.1