

# RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS

OXNARD UNION HIGH SCHOOL DISTRICT

DSA SUBMITTAL

03/23/2020



# RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS

## OXNARD UNION HIGH SCHOOL DISTRICT

APPLICABLE STATE CODES

1.

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH:  
2016 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.  
  
2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.  
(2015 INTERNATIONAL BUILDING CODE VOLUMES 1 & 2 AND 2013 CALIFORNIA AMENDMENTS)  
  
2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.  
(2014 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)  
  
2016 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.  
(2015 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)  
  
2016 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.  
(2015 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)  
  
2016 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.  
  
2016 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.  
(2015 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)  
  
2016 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), Part 11, Title 24 C.C.R.  
  
2016 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.  
  
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

2.

ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE REQUIREMENTS OF THESE CODES AND ALL APPLICABLE LOCAL ORDINANCES. WHERE CONTRACT DOCUMENTS EXCEED SUCH REQUIREMENTS, WITHOUT VIOLATING SUCH CODES, REGULATIONS AND ORDINANCES, CONTRACT DOCUMENTS TAKE PRECEDENCE. WHERE CODES CONFLICT, THE MORE STRINGENT SHALL APPLY.

3.

THE PROVISIONS OF 2016 CBC CHAPTER 11 AND 2016 CBC CHAPTER 33 SHALL BE ENFORCED ON THIS PROJECT.

4.

A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

5.

GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 20

STATIONARY PUMPS

2007 EDITION

NFPA 24

PRIVATE FIRE MAINS (CA AMENDED)

2016 EDITION

NFPA 72

NATIONAL FIRE ALARM CODE (CA AMENDED)

2016 EDITION

NFPA 80

FIRE DOOR AND OTHER OPENING PROTECTIVES

2016 EDITION

REFERENCE CODE SECTION FOR NFPA STANDARDS - 2016 CBC (SFM) CHAPTER 35  
SEE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS

SCOPE OF WORK

WORK UNDER THIS CONTRACT INCLUDES THE FOLLOWING ITEMS SHOWN ON THE DRAWINGS AND AS SPECIFIED IN THE PROJECT MANUAL, INCLUDING:  
  
1. DEMOLITION OF CERTAIN EXISTING TRACK & FIELD COMPONENTS;  
2. INSTALLATION OF NEW SYNTHETIC TURF FIELD & TRACK SURFACING;  
3. INSTALLATION OF NEW HIGH JUMP;  
4. INSTALLATION OF TWO (2) NEW LONG JUMPS;  
5. INSTALLATION OF NEW FIELD SCOREBOARD PER PC #04-116017;  
6. UPGRADE OF EXISTING STADIUM LIGHTING;  
7. CONSTRUCTION OF (1) NEW GATEWAY STRUCTURE;  
8. MINOR UPGRADE OF EXISTING RESTROOMS IN UNIT "V"; AND  
9. REPAIR OF EXISTING BASEBALL FIELD DRAINAGE AND UPGRADE OF EXISTING UNDERGROUND UTILITY LINES AS NEEDED.

SAFETY

A DIVISION OF THE STATE ARCHITECT (DSA) CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK.  
  
THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, TITLE 24, PART 1 CCR AND IR A-7. CLASS 2 INSPECTOR CERTIFIED BY DSA.  
  
A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

PROJECT INSPECTOR

ALL WORK SHALL CONFORM TO 2016 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).  
  
FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. LIST DEFERRED SUBMITTAL ITEMS FOR THIS PROJECT  
  
CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SEC. 4-338, PART 1, TITLE 24, C.C.R.  
  
THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SEC. 4-317(c), PART 1, TITLE 24, CCR)

DEFERRED APPROVAL ITEMS

FABRICATION & INSTALLATION OF DEFERRED APPROVAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER WHO HAS BEEN DELEGATED THE RESPONSIBILITY OF COVERING THE WORK SHOWN ON A PARTICULAR PLAN OR SPECIFICATION, AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT. DEFERRED ITEMS SHALL BE COMPLETED PRIOR TO OCCUPANCY OF BUILDINGS AFFECTED BY THE DEFERRED WORK.  
  
CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, C.C.R.  
  
ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).  
  
DEFERRED APPROVAL ITEMS ARE AS FOLLOWS:  
  
**NONE**  
  
DEFERRED SUBMITTALS (DS) MUST BE RECEIVED AT DSA NO LATER THAN 60 DAYS AFTER LETTING OF CONTRACT.  
  
THE PLANS AND SPECIFICATIONS SHALL BE STAMPED AND SIGNED BY THE ARCHITECT AND ENGINEER OF RECORD BEFORE SUBMITTAL TO DSA.

DSA REQUIREMENTS

ALL WORK SHALL CONFORM TO 2016 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).  
  
FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. LIST DEFERRED SUBMITTAL ITEMS FOR THIS PROJECT  
  
CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SEC. 4-338, PART 1, TITLE 24, C.C.R.  
  
THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SEC. 4-317(c), PART 1, TITLE 24, CCR)

PROJECT DIRECTORY

PROJECT

RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS  
545 CENTRAL AVE  
OXNARD, CA 93036

OWNER

OXNARD UNIFIED HIGH SCHOOL DISTRICT  
309 S. "K" STREET  
OXNARD, CA 93030  
(805) 385-2500

ARCHITECT

LITTLE  
1300 DOVE STREET, SUITE 100  
NEWPORT BEACH, CA. 92660  
(949) 698-1400  
(949) 698-1433 (FAX)

CIVIL

LITTLE  
1300 DOVE STREET, SUITE 100  
NEWPORT BEACH, CA. 92660  
(949) 698-1400  
(949) 698-1433 (FAX)

LANDSCAPE

LITTLE  
1300 DOVE STREET, SUITE 100  
NEWPORT BEACH, CA. 92660  
(949) 698-1400  
(949) 698-1433 (FAX)

STRUCTURAL

LITTLE  
1300 DOVE STREET, SUITE 100  
NEWPORT BEACH, CA. 92660  
(949) 698-1400  
(949) 698-1433 (FAX)

MECHANICAL / PLUMBING

ENGINEOUS GROUP INC.  
751 N. FAIR OAKS, #201  
PASADENA, CA. 91103  
(626) 714-7506

ELECTRICAL

ENGINEOUS GROUP INC.  
751 N. FAIR OAKS, #201  
PASADENA, CA. 91103  
(626) 714-7506

VICINITY MAP

NOT TO SCALE

GENERAL NOTES

1. DURING THE ENTIRE CONSTRUCTION PERIOD, IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONDITIONS AT THE PROJECT SITE, TO MEET THE REQUIREMENTS OF THE FEDERAL, OCCUPATIONAL SAFETY AND DIVISION OF THE STATE ARCHITECT (DSA) AND CALIFORNIA OCCUPATIONAL REGULATIONS. THIS PROVISION SHALL COVER THE CONTRACTOR'S EMPLOYEES AND ALL OTHER PERSONS WORKING UPON OR VISITING THE SITE. THE CONTRACTOR SHALL BECOME FULLY INFORMED OF ALL APPLICABLE STANDARDS AND REGULATIONS AND INFORM ALL PERSONS AND REPRESENTATIVES RESPONSIBLE FOR WORK UNDER THIS CONTRACT.  
2. CONTRACTOR TO VERIFY ALL EXISTING ELEMENTS, WHETHER THEY ARE TO REMAIN, BE REMOVED, OR RELOCATED, ARE IN THE LOCATION AND IN THE CONDITION THAT THESE CONSTRUCTION DOCUMENTS AND ALL REFERENCED DRAWINGS REPRESENT. CONFIRM ALL EXISTING CONDITIONS WITH THE CONTRACT DOCUMENTS. NOTIFY ARCHITECT IMMEDIATELY IN WRITING OF ALL DISCREPANCIES OR CONFLICTS. DO NOT PROCEED WITH WORK IN THE AREA OF DISCREPANCY OR CONFLICT UNTIL DIRECTION IS GIVEN BY ARCHITECT. IF CONTRACTOR PROCEEDS WITHOUT DIRECTION FROM ARCHITECT, IT SHALL BE AT CONTRACTOR'S RISK, AND CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED CORRECTIVE ACTION. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338.  
3. REVIEW THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF SYSTEMS SHOWN ON CONSULTING ENGINEER'S DOCUMENTS. DISCREPANCIES BETWEEN THE ARCHITECTURAL AND CONSULTING ENGINEER'S DOCUMENTS SHALL BE BROUGHT TO ARCHITECT'S ATTENTION FOR DIRECTION. CONSTRUCTION INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY CONTRACTOR AT NO EXPENSE TO THE OWNER.  
4. DO NOT SCALE THE CONSTRUCTION DOCUMENTS. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED GRAPHICS. NOTIFY ARCHITECT IMMEDIATELY IN WRITING OF ALL ADDITIONAL REQUIRED DIMENSIONS. DO NOT PROCEED WITH WORK IN THE AREA OF DISCREPANCY OR CONFLICT UNTIL DIRECTION IS GIVEN BY ARCHITECT. IF THE CONTRACTOR PROCEEDS WITHOUT DIRECTION FROM ARCHITECT, IT SHALL BE AT CONTRACTOR'S RISK, AND CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED CORRECTIVE ACTION.  
5. CORRECT ALL WORK INSTALLED IN CONFLICT WITH THE CONSTRUCTION DOCUMENTS BY CONTRACTOR AS DIRECTED BY ARCHITECT AND AT NO ADDITIONAL EXPENSE TO THE OWNER.  
6. VISIT JOB SITE PRIOR TO BEGINNING WORK AND VERIFY ALL DIMENSIONS AND CONDITIONS.  
7. SECURE AND PAY FOR ALL PERMITS, GOVERNMENTAL FEES AND LICENSES REQUIRED FOR PROPER COMPLETION OF THE WORK. REQUEST ALL INSPECTIONS REQUIRED BY LOCAL GOVERNMENTAL AGENCIES AND COORDINATE THE WORK ACCORDINGLY.  
8. WHERE WORK OR EQUIPMENT IS INDICATED "N.I.C." (NOT IN CONTRACT) OR "BY OTHERS" ON THE DRAWINGS, SHALL BE PROVIDED BY OWNER OR UNDER SEPARATE CONTRACT. CONTRACTOR SHALL COORDINATE AND COOPERATE TO EFFECT SUCH INSTALLATION.  
9. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT THE REVIEW OF ARCHITECT UNLESS NOTED "(+/-)" OR "VERIFY". ALL OTHER DIMENSIONS NOTED SHALL BE CONSIDERED AS ABSOLUTE AND USED FOR LAY-OUT CONTROL UNLESS OTHERWISE DIRECTED BY ARCHITECT.  
10. "TYPICAL" MEANS COMPARABLE CHARACTERISTICS FOR THE ELEVATION OR DETAIL NOTED. WHEN A DETAIL OR NOTE IS IDENTIFIED AS "TYPICAL", CONTRACTOR SHALL APPLY THIS DETAIL OR NOTE TO EVERY LIKE CONDITION, WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE. VERIFY DIMENSIONS AND ORIENTATION ON PLANS.  
11. PROVIDE WORK NOT SPECIFICALLY DETAILED OR SPECIFIED IN ACCORDANCE WITH DETAILS OR SIZES COVERING SIMILAR WORK.  
12. "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR THE ELEVATION OR DETAIL NOTED VERIFY DIMENSIONS AND ORIENTATION ON PLANS.  
13. ABBREVIATIONS THROUGHOUT THE DOCUMENTS COMPLY WITH DOCUMENT ABBREVIATION LIST OR ARE THOSE IN COMMON USE. ARCHITECT WILL DEFINE THE INTENT OF ANY IN QUESTION.  
14. REFER TO THE PROJECT MANUAL FOR GENERAL CONDITIONS, SUPPLEMENTARY AND SPECIAL CONDITIONS, AND OTHER REQUIREMENTS.  
15. THE CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY PEDESTRIAN PROTECTION AS REQUIRED BY LOCAL CODE AND SPECIFICATION. PROVIDE BARRICADES AND PROTECTIVE DEVICES SEPARATING CONSTRUCTION AREAS PRIOR TO DELIVERY OF MATERIALS TO CONSTRUCTION ZONE AND REMOVAL OF WASTE FROM SITE. CHECK WITH OWNER FOR ACCEPTABLE ACCESS ROUTE AND TIME. UNDER NO CIRCUMSTANCES USE AREA OUTSIDE THE CONSTRUCTION ZONE WITHOUT PRIOR CLEARANCE FROM THE OWNER. COMPLY WITH REQUIREMENTS AS SPECIFIED IN PROJECT MANUAL.  
16. PROVIDE FOR THE PROPER SEQUENCE OF CONSTRUCTION, LOCATION AND SIZE OF OPENINGS. COORDINATE ALL CONSTRUCTION AS INDICATED BY THE CONTRACT DOCUMENTS, INCLUDING SHOP DRAWINGS REVIEWED AND APPROVED BY THE ARCHITECT.  
17. TAKE ALL MEASURES TO ACCOMPLISH THE WORK WITH THE MINIMUM OF INTERRUPTION TO NORMAL SCHOOL PROCEDURES. NOTIFY OWNER IN ADVANCE OF ANY SYSTEM SHUT-OFFS. MINIMIZE NOISE AND DUST GENERATION TO MAXIMUM EXTENT POSSIBLE. COMPLY WITH REQUIREMENTS AS SPECIFIED IN THE PROJECT MANUAL.  
18. REMOVE ALL TRASH AND DEBRIS DAILY. DO NOT STORE BUILDING MATERIALS IN WALKWAYS AT ANY TIME.  
19. COMPLY WITH REQUIREMENTS AS SPECIFIED IN THE PROJECT MANUAL.  
20. PERFORM ALL CUTTING, PATCHING, AND FINISHING NECESSARY TO RESTORE THE SITE TO ORIGINAL CONDITION OF ALL EXISTING PORTIONS OF THE TRACK AND FIELD AFFECTED BY CONTRACTORS WORK, TO THE SATISFACTION OF ARCHITECT AND OWNER.  
21. VERIFY POINTS OF CONNECTION, INCLUDING SIZES AND LOCATIONS, AND ALL OTHER REQUIRED OPERATING CRITERIA WITH MATERIAL MANUFACTURERS.  
22. CONTRACTOR SHALL STIPULATE THAT ALL PROPOSED SUBSTITUTIONS ARE EQUAL IN PERFORMANCE AND COMPLY WITH APPLICABLE CODES AND REGULATIONS. CONTRACTOR'S SUBSTITUTION OF ALTERNATE MATERIALS OR SYSTEMS SHALL BE AT NO ADDITIONAL COST TO THE OWNER.  
23. CONTRACTOR SHALL INSURE ALL CONSTRUCTION SHALL REMAIN ACCESSIBLE AND EXPOSED FOR INSPECTION PURPOSES UNTIL APPROVED BY THE INSPECTOR OF RECORD. FOR CONTINUOUS INSPECTION, TESTING, AND OBSERVATION REQUIREMENTS, REFER TO THE TESTING AND OBSERVATION PROGRAM.

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MT1

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MS1

POLE DETAIL

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POLE DETAIL

FIELD SCOREBOARD

PER PC#04-116017

1 PC-2 TITLE PAGE

2 PC SIGN MOUNTING DETAILS 1

6 PC-2 25'-0" WIDE ELEVATION 110 MPH WIND SPEED

Grand Total: 82

LANDSCAPE

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IRRIGATION PLAN

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A0.0.1

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A0.1.1

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A1.0.1

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A1.0.2

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A1.1.1

ENLARGED SITE PLAN

A1.3.1

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T + F STRIPING DETAILS

A1.3.3

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A2.0.1

FLOOR PLAN - HOME GATEWAY

A2.0.2

FLOOR PLANS - FIELD BUILDING UNIT "V"

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A6.0.1

EXTERIOR ELEVATIONS - HOME GATEWAY

A6.1.1

BUILDING SECTIONS - HOME GATEWAY

STATEMENT OF GENERAL CONFORMANCE

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

The drawings or sheets listed on the sheet index under:  
  
"FIELD SCOREBOARD PER PC#04-116017"

have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:  
  
1) design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and  
  
2) coordination with my plans and is acceptable for incorporation into the construction of this project.  
  
The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1, (Title 24, Part 1, Section 4-317 (b))  
  
I certify that all drawings listed on the sheet index under:  
"MUSCO STADIUM LIGHTING"  
"FIELD SCOREBOARD PER PC#04-116017"  
  
are in general conformance with the project design, and have been coordinated with the project plans.

Signature

JAY R. TITTLE, AIA

Print Name

C 12955

License Number

11-14-19

Date

11-30-21

Expiration Date

AGENCY REVIEW

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 03-120293 INC.  
REVIEWED FOR  
SS ☐ FLS ☐ ACS ☐  
DATE: 03/23/2020

LITTLE

DIVERSIFIED ARCHITECTURAL CONSULTING

1300 Dove Street, Suite 100  
Newport Beach, CA, 92660  
T: 949.698.1400

www.littleonline.com

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CLIENT NAME

OXNARD UNION HIGH SCHOOL DISTRICT

PROJECT NAME

RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS

CONSULTANT

545 CENTRAL AVENUE,  
OXNARD, CA. 93036

SEAL

ISSUE FOR

DSA SUBMITTAL

ISSUE DATE

03/23/2020

REVISIONS

NO.	REASON	DATE
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PROJECT TEAM

PRINCIPAL IN CHARGE

JT

PROJECT MANAGER

LEB

DESIGN TEAM

FM/RG/JR/CL/TA/

PROJECT NAME

RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS

PROJECT NO.

6121235307

SHEET TITLE

TITLE SHEET / SHEET INDEX

SHEET NUMBER

G0.1.1

C:\Users\tamaz.mahood\Documents\6121235307 OXNARD UHSD RIO MESA HS TRACK & FIELD IMPROVEMENTS-CENTRAL 2018\_03062020\_tamaz.mahood.rvt 3/19/2020 11:37:24 PM



OCCUPANCY AND EGRESS TABLE

EXIT REQUIREMENTS AND TRAVEL DISTANCE

FLOOR, ROOM OR SPACE DESIGNATION	OCCUPANCY TYPE	MINIMUM NUMBER OF EXITS		EXIT ACCESS TRAVEL DISTANCE		COMMON PATH OF EGRESS TRAVEL	
		REQUIRED PER TABLE 1006.2.1	SHOWN IN PLAN	MAXIMUM PER TABLE 1017.2	SHOWN IN PLAN	MAXIMUM PER TABLES 1006.2.1 & 1006.3.2(2)	SHOWN IN PLAN
HOME GATEWAY TICKET BOOTH	B	1	1	200' - 0"	12' - 6"	100' - 0"	12' - 6"

FIRE-RESISTANCE RATING REQUIREMENTS

FIRE-RESISTANCE RATING REQUIREMENTS FOR HOME GATEWAY<sup>1</sup>

BUILDING ELEMENT FOR TYPE V-B		REQUIRED	PROVIDED
PRIMARY STRUCTURAL FRAME		0	1
BEARING WALLS	EXTERIOR	0	1
	INTERIOR	0	N/A
NONBEARING WALLS AND PARTITIONS	EXTERIOR	SEE BELOW	0
	INTERIOR	0	N/A
FLOOR CONSTRUCTION AND SECONDARY MEMBERS		0	1
ROOF CONSTRUCTION AND SECONDARY MEMBERS		0	0

<sup>1</sup>PER 2016 CBC TABLE 601.

FIRE-RESISTANCE RATING FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE<sup>2</sup>

FIRE SEPARATION DISTANCE (FEET)	REQUIRED	PROVIDED
X < 5	1	N/A
5 ≤ X < 10	1	N/A
10 ≤ X < 30	0	0
X ≥ 30	0	0



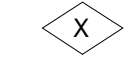
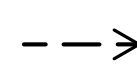
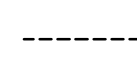
<sup>2</sup>PER 2016 CBC TABLE 602 FOR TYPE V-B CONSTRUCTION, OCCUPANCY GROUP B.

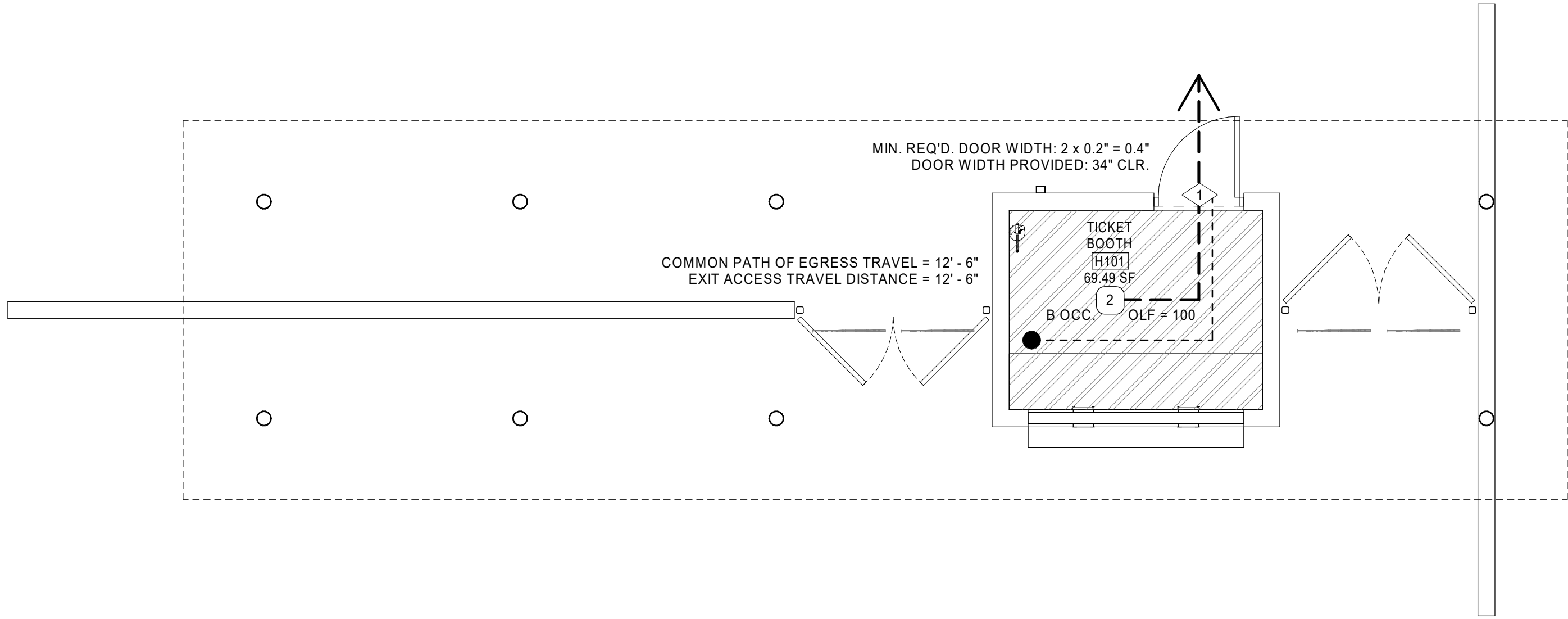
BUILDING INFORMATION

(N) HOME GATEWAY w/ TICKET BOOTH:

OCCUPANCY: B  
TYPE OF CONSTRUCTION: V-B  
FIRE SPRINKLER: NO  
BUILDING HEIGHT: HEIGHT IN FEET ABOVE GRADE PLANE:  
ALLOWABLE: 40' - 0" (PER 2016 CBC TABLE 504.3, TYPE V-B, B OCC., NS)  
FOR ACTUAL: 12' - 0" (< 40' - 0" = COMPLIANT)  
NUMBER OF STORIES ABOVE GRADE PLANE:  
ALLOWABLE: 2 STORIES (PER 2016 CBC TABLE 504.4, TYPE V-B, B OCC., NS)  
ACTUAL: 1 (COMPLIANT)  
BUILDING AREA: 9,000 SF (PER 2016 CBC TABLE 506.2 FOR TYPE V-B, B OCC., NS)  
ACTUAL: 69 SF (COMPLIANT)

EGRESS ANALYSIS LEGEND

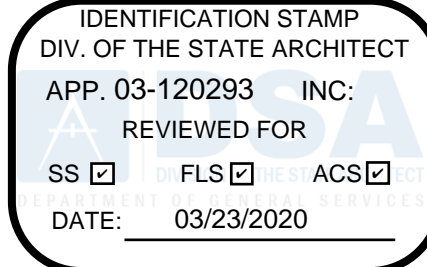
-  B OCCUPANCY
-  ROOM OCCUPANCY LOAD
-  EXITING OCCUPANTS
-  PATH OF EXIT ACCESS TRAVEL (ARROW INDICATES DIRECTION)
-  COMMON PATH OF EGRESS TRAVEL



HOME GATEWAY - OCCUPANCY AND EGRESS ANALYSIS

1
1/4" = 1'-0"
G1.0.1

AGENCY REVIEW



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DIVERSIFIED ARCHITECTURAL CONSULTING

1300 Dove Street, Suite 100  
Newport Beach, CA, 92660  
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CLIENT NAME

**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

PROJECT NAME

**RIO MESA HIGH SCHOOL TRACK &  
FIELD IMPROVEMENTS**  
**545 CENTRAL AVENUE,  
OXNARD, CA. 93036**

CONSULTANT

SEAL



ISSUE FOR  
DSA SUBMITTAL

ISSUE DATE  
03/23/2020

REVISIONS

NO.	REASON	DATE

PROJECT TEAM

PRINCIPAL IN CHARGE

JT

PROJECT MANAGER

LEB

DESIGN TEAM

FM/ RG/ JR/ CL/ TA

PROJECT NAME

**RIO MESA HIGH SCHOOL  
TRACK & FIELD  
IMPROVEMENTS**

PROJECT NO.

**6121235307**

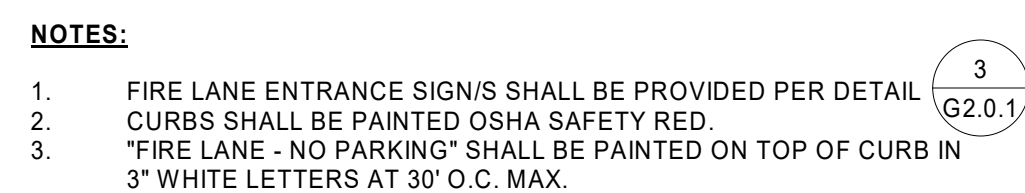
SHEET TITLE

**CODE ANALYSIS**

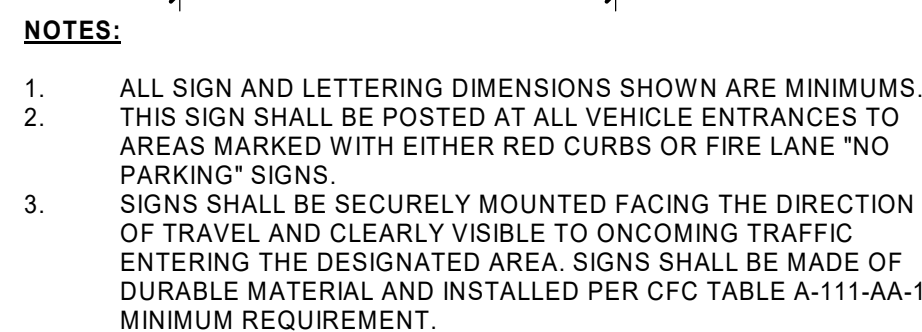
SHEET NUMBER

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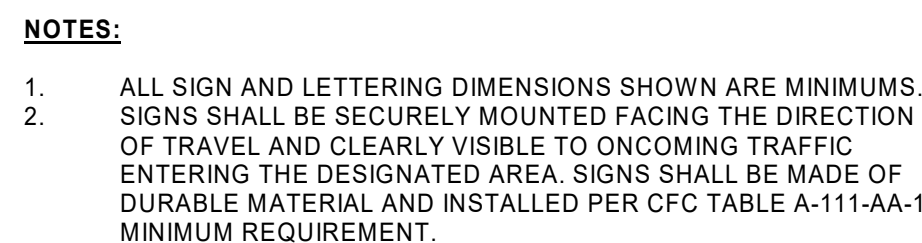




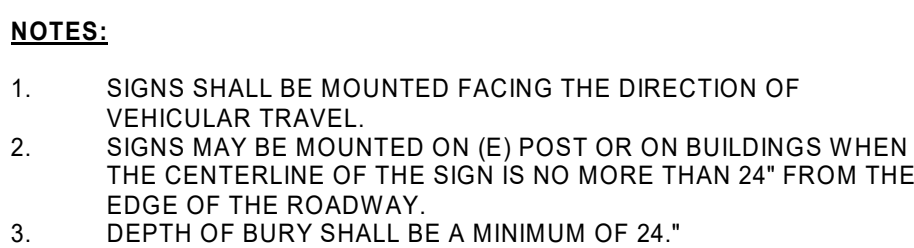
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G2.0.1



E SIGN	3
1/4" = 1'-0"	G2.0.1



G SIGN	4
1/4" = 1'-0"	G2.0.1



PRINTING	5
1/4" = 1'-0"	G2.0.1



SS-2 FIRE LANE NO PARKING SIGN. SEE DETAIL  
4/G2.0.1

PER 2016 CFC APPENDIX CC TABLE CC105.1, MINIMUM NUMBER OF HYDRANTS REQUIRED FOR 1,500 GPM FIRE FLOW IS ONE (1); AVERAGE SPACING BETWEEN HYDRANTS IS 500 FEET; AND, MAXIMUM ALLOWED DISTANCE FROM ANY POINT ON STREET OR ROAD FRONTAGE TO A HYDRANT IS 250 FEET.

## SHEET NUMBER

## G2.0.1



GENERAL NOTES

1. WORK SHALL BE PERFORMED ACCORDING TO THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS AND PLANS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK & S.P.P.W.C.), LATEST EDITION OF CALIFORNIA BUILDING CODE AND VENTURA COUNTY BUILDING CODE REQUIREMENTS.
2. NO WORK SHALL BE STARTED WITHOUT A PRE-CONSTRUCTION MEETING WITH THE OWNER, INSPECTOR AND AOR.
3. THE CONTRACTOR SHALL PROVIDE FOR CONTRIBUTORY DRAINAGE AT ALL TIMES AND TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES AND IMPROVEMENTS FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK.
4. NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL OF THE CIVIL ENGINEER.
5. IMPORTANT NOTICE - SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE ANY "PERMIT TO EXCAVATE" WILL BE VALUED FOR YOUR DIG ALERT I.D. NUMBER. CALL UNDERGROUND SERVICE ALERT TOLL FREE @ 1-800-422-4133, TWO WORKING DAYS BEFORE YOU DIG.
6. ANY IMPROVEMENT(S) TO BE CONSTRUCTED WITHIN PUBLIC RIGHT-OF-WAY WILL REQUIRE SEPARATE CONSTRUCTION PERMIT AND INSPECTION FROM THE GOVERNING AGENCY(IES). CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL APPLICABLE PERMITS AND PAYING ANY REQUIRED FEES.
7. FILLS SHALL BE COMPACTED THROUGHOUT TO AT LEAST 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D 1557.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING ALL GRADE STAKES UNTIL AUTHORIZED BY SURVEYOR TO REMOVE.
9. CONTRACTOR SHALL RESTORE LIKE FOR LIKE, TO THE SATISFACTION OF THE OWNER/ARCHITECT, ALL AREAS DAMAGED OR DISTURBED AS A RESULT OF WORK PERFORMED PURSUANT TO THESE PLANS AT HIS/HERS OWN EXPENSE.
10. FIELD DENSITY MAY BE DETERMINED BY THE NUCLEAR DENSITY METHOD A.S.T.M. D2922 & D3017 PROVIDED NOT LESS THAN 10% OF THE REQUIRED DENSITY TESTS UNIFORMLY DISTRIBUTED ARE BY THE SAND-CONE METHOD. THE METHOD OF DETERMINING FIELD DENSITY AND LOCATION AND APPROXIMATE ELEVATION SHALL BE SHOWN IN THE COMPACTION REPORT. OTHER METHODS MAY BE USED IF RECOMMENDED BY THE SOILS ENGINEER AND APPROVED IN ADVANCE BY THE CITY ENGINEER.
11. CRUSHED AGGREGATE BASE MATERIAL SHALL CONFORM TO SUBSECTION 200-2.2 OF STANDARD SPECIFICATIONS AND SHALL BE COMPACTED TO 95% RELATIVE COMPACTION USING MECHANICAL COMPACTING EQUIPMENT.
12. NEW CONCRETE SHALL CONFORM TO SPECIFICATIONS LISTED IN THE PROJECT MANUAL.
13. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES WHETHER SHOWN OR NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS, OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PUBLIC AND PRIVATE PROPERTY INsofar AS IT MAY BE AFFECTED BY THESE OPERATIONS. ALL COSTS FOR PROTECTING, REMOVING, AND RESTORING EXISTING IMPROVEMENTS SHALL BE BORNE BY THE CONTRACTOR.
14. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE IN EFFECT AT ALL TIMES.
15. THE CONTRACTOR SHALL VERIFY ALL JOINT ELEVATIONS PRIOR TO THE REMOVAL OF PAVEMENT, CURB, GUTTER, SIDEWALK AND/OR SLOPE GRADING. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO REMOVALS WITHIN THE AREA OF THE DISCREPANCIES.
16. DUST SHALL BE CONTROLLED BY WATERING TO THE SATISFACTION OF THE INSPECTOR.
17. WHERE THE IRRIGATION SYSTEM IN CONFLICT WITH NEW WORK NEEDS TO BE RELOCATED OR REPLACED, CONTRACTOR SHALL COORDINATE THE WATER SHUT OFF OF ANY ELECTRICAL RELATED WORK WITH OWNER 48 HOURS PRIOR COMMENCING THE WORK.
18. ALL EXPOSED P.C.C. CORNERS SHALL BE ROUNDED WITH A 1/2" RADIUS.
19. ALL EXPORT OF MATERIAL FROM THE SITE MUST GO TO A PERMITTED SITE APPROVED BY THE BUILDING OFFICIAL OR A LOCAL DUMP SITE. RECEIPTS FOR ACCEPTANCE OF EXCESS MATERIAL BY A DUMP SITE ARE REQUIRED AND MUST BE PROVIDED TO THE BUILDING OFFICIAL UPON REQUEST.
20. CONTRACTOR TO CALCULATE HIS/HER OWN QUANTITIES FOR BIDDING PURPOSES.
21. FOR JOINTS AT NEW CURB AND SIDEWALK REFER TO S.P.P.W.C. STD. PLAN No. 112-2. ALSO SEE DETAILS ON THIS SHEET FOR ADDITIONAL INFORMATION JOINT DETAILS.
22. IF WORK IS COMMENCED DURING RAINY SEASON, CONTRACTOR SHALL SATISFY VENTURA COUNTY'S EROSION CONTROL REQUIREMENTS AND INSTALL APPROPRIATE BMPs.

PRIVATE ENGINEER'S NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY AND ALL CONDUITS, UTILITY PIPES, AND STRUCTURES SHOWN ON THIS SET OF PLANS ARE OBTAINED BASED ON AVAILABLE RECORDS AT THE TIME OF DESIGN. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT AT THE TIME OF DESIGN EXCEPT AS SHOWN ON THIS SET OF PLANS. THE CONTRACTOR IS REQUIRED TO TAKE OUR PRECAUTIONARY MEASURES TO PROTECT ANY AND ALL UTILITY LINES SHOWN ON THIS SET OF PLANS. THE CONTRACTOR FURTHER ASSUMES ANY AND ALL LIABILITY AND RESPONSIBILITY FOR THE CONDUITS, UTILITY PIPES, AND STRUCTURES SHOWN ON THIS SET OF DRAWINGS.

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS ASSUMPTION INCLUDES THE SAFETY OF ANY AND ALL PERSONS AND PROPERTY. THE CONTRACTOR SHALL FURTHER DEFEND, INDEMNIFY, AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, WITH THE EXCEPTION OF LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

GENERAL NOTES FOR ON-SITE UTILITIES

1. CONTRACTOR SHALL VERIFY ALL SITE UTILITY ROUTES, STRUCTURE LOCATIONS AND ASSOCIATED REQUIREMENTS WITH RESPECTIVE UTILITY COMPANIES BEFORE COMMENCING WORK ON THOSE UTILITIES.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING ALL GRADE STAKES UNTIL AUTHORIZED BY SURVEYOR TO REMOVE.
3. INDIVIDUAL PIPE FITTINGS ARE NOT CALLED OUT; CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY FITTINGS AS REQUIRED TO COMPLETE THIS PROJECT. PIPE LENGTHS SHOWN ARE APPROXIMATE.
4. RESTORATION/REPAIR: CONTRACTOR SHALL RESTORE/REPAIR ALL AREAS DAMAGED OR DISTURBED AS A RESULT OF ALL WORK PERFORMED PURSUANT TO THESE PLANS. SUCH AREAS INCLUDE, BUT ARE NOT LIMITED TO, CURB AND GUTTER, A.C. PAVEMENT, CONCRETE, STRIPING, LANDSCAPING, AND UTILITIES. RESTORATION/REPAIR SHALL INCLUDE, BUT IS NOT LIMITED TO, MATCHING A.C. AND CONCRETE SECTIONS AND TEXTURE, MATCHING FINISH AS APPLICABLE, ALL TO THE SATISFACTION OF THE DISTRICT.
5. ADDITIONAL MATERIALS: CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS AND LABOR, SUBJECT TO THE APPROVAL OF THE DISTRICT AND ARCHITECT/ENGINEER, NOT SPECIFICALLY DESCRIBED IN THE CONSTRUCTION NOTES BUT REQUIRED FOR COMPLETE AND PROPER INSTALLATION OF THIS WORK.
6. ALL MATERIALS REMOVED SHALL BE TAKEN OFF SCHOOL PROPERTY BY CONTRACTOR AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE CODES UNLESS DIRECTED BY OWNER TO BE SALVAGED.
7. CONTRACTOR TO POTHOLE AND VERIFY THE SIZE, MATERIAL AND INVERT ELEVATION OF EXISTING UTILITY AND VERIFY THAT THE CONNECTION CAN BE MADE AS SHOWN ON THE PLAN. IN THE EVENT OF A DISCREPANCY, NOTIFY THE OWNER/PROJECT MANAGER OF THE FIELD FINDINGS 7 DAYS PRIOR TO THE CONSTRUCTION DATE FOR ALTERNATIVE RESOLUTION.

CONTRACTOR TO INCLUDE IN THEIR BID

IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE SWPPP.; SUBMIT IT TO THE STATE WATER QUALITY BOARD, OBTAIN NOI (NOTICE OF INTENT), AND PAY THE NECESSARY FEES FOR THE PERMIT. SWPPP MUST BE PREPARED BY A CERTIFIED QSD.

IT WILL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A CERTIFIED "QSP" FOR SWPPP OBSERVATIONS AND FILLING ALL NECESSARY REPORTS THROUGH "SMART" WITH THE STATE WATER QUALITY BOARD THROUGHOUT THE LIFE OF THE PROJECT TILL IT IS COMPLETED. CONTRACTOR'S "QSP" SHALL FILE THE NOI (NOTICE OF INTENT).

LEGEND

FS	FINISH SURFACE ELEVATION
TC	TOP OF CURB ELEVATION
TS	TOP OF CONCRETE SLAB ELEVATION
XX.XX	PROPOSED SPOT ELEVATION
(XX.XX)	EXISTING SPOT ELEVATION
---	CMU WALL
X---	EXISTING FENCE
XX---	NEW C.L. FENCE
CONC.	CONCRETE
G.B.	GRADE BREAK
ESW	EDGE OF SIDEWALK
DWY	DRIVEWAY
G&G	CURB & GUTTER
H.P.	HIGH POINT
S.P.P.W.C.	STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION
S.S.P.W.C.	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
C.F.	CURB FACE ELEVATION
ELEV.	ELEVATION
EX.	EXISTING
BCR.	BEGIN CURB RETURN
ECR.	END CURB RETURN
A.P.	ANGLE POINT
X	FURNISH AND INSTALL/CONSTRUCT, DEMOLISH, REMOVE AND REPLACE, OR RELOCATE, AS INDICATED.
XX.XX	NEW SLOPE
(XX.XX)	EXISTING SLOPE
FL	FLOW LINE
T.B.M.	TEMPORARY BENCH MARK
CONC.	CONCRETE PAVEMENT
A.C.	ASPHALT CONCRETE PAVING
(N)	NEW
T.B.M.	TEMPORARY BENCH MARK
F.F.	FINISH FLOOR
A.F.F.	ABOVE FINISH FLOOR
EG	EDGE OF GUTTER
CLR.	CLEAR
SCO	SEWER CLEAN-OUT
SMH	SEWER MANHOLE
P.A.	PLANTER AREA
E.J.	EXPANSION JOINT
C.J.	CONTROL JOINT
D.I.	DRAIN INLET
SCO	SEWER CLEAN-OUT
EPB	ELECTRICAL PULL BOX
WV	WATER VALVE
SPM	SEWER FORCE MAIN

BASIS OF BEARING

N50°24'28"W BEING THE CENTERLINE OF CENTRAL AVENUE PER EASEMENT DEED RECORDED AS INSTRUMENT NUMBER 03-337299 OF OFFICIAL RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF VENTURA COUNTY, STATE OF CALIFORNIA.

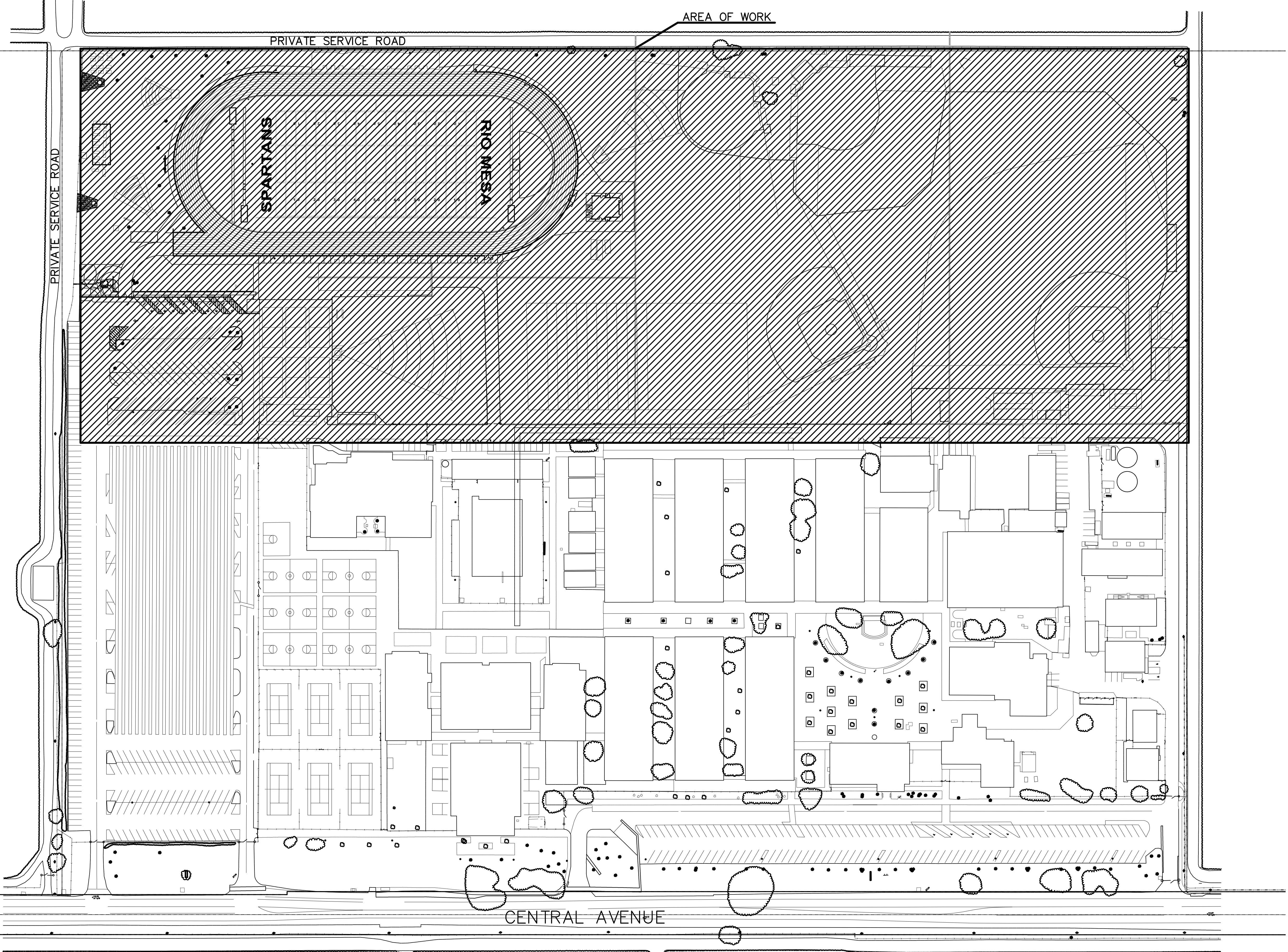
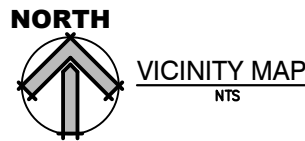
BENCHMARK

CITY OF OXNARD 110-4

ELEVATION: 113.962

DESCRIPTION: BRASS DISK STAMPED "110-4 1977"

LOCATION: BRASS DISK STAMPED "110-4 1985" SET FLUSH IN TOP AND MIDDLE OF CONCRETE CURB RETURN AT NORTHEASTERLY CORNER OF THE INTERSECTION OF VINEYARD AVENUE AND CENTRAL AVENUE.



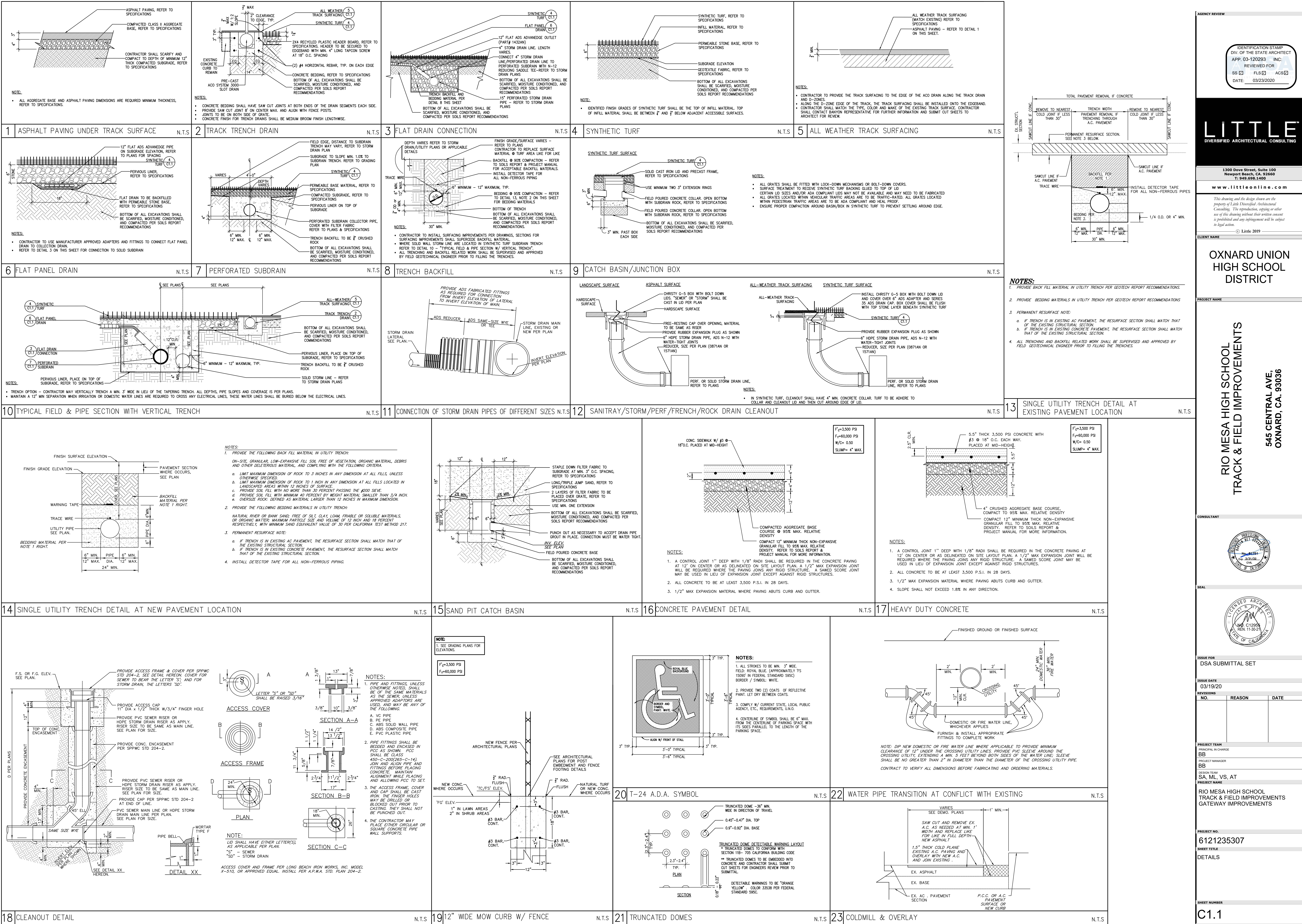
AGENCY REVIEW		
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP. 03-120293 INC. REVIEWED FOR SS <input type="checkbox"/> FLS <input type="checkbox"/> ACS <input type="checkbox"/> DATE: 03/23/2020		
LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING		
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CLIENT NAME		
OXNARD UNION HIGH SCHOOL DISTRICT		
PROJECT NAME		
RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS		
545 CENTRAL AVE. OXNARD, CA. 93036		
CONSULTANT		
SEAL		
ISSUE FOR		
DSA SUBMITTAL SET		
ISSUE DATE		
03/19/20		
REVISIONS		
NO.	REASON	DATE
PROJECT TEAM		
PRINCIPAL IN CHARGE		
BB		
PROJECT MANAGER		
BB		
DESIGN TEAM		
SA, ML, VS, AT		
PROJECT NAME		
RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS GATEWAY IMPROVEMENTS		
PROJECT NO.		
6121235307		
SHEET TITLE		
COVER SHEET - NOTES & INDEX MAP		
SHEET NUMBER		
C1.0		



CAMPUS LOCATION MAP: WORK AREAS







AGENCY REVIEW

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 03-120293 INC.  
REVIEWED FOR  
SS ☐ FLS ☐ ACS ☐  
DATE: 03/23/2020

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CLIENT NAME

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HIGH SCHOOL  
DISTRICT**

PROJECT NAME

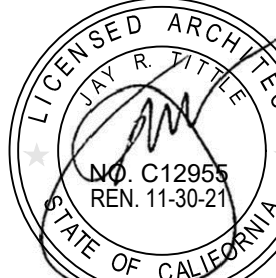
**RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS**

**545 CENTRAL AVE.  
OXNARD, CA. 93036**

CONSULTANT



SEAL



ISSUE FOR  
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ISSUE DATE  
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BB  
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SA, ML, VS, AT  
PROJECT NAME  
RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS  
GATEWAY IMPROVEMENTS

PROJECT NO.  
6121235307  
SHEET TITLE  
DETAILS

SHEET NUMBER

C1.1



3636 STEEL GRATES - 1 Pc. PARKWAY 93 lbs. 36" x 36" 3636 FRAME ONLY 36" x 36" 3636 EXTENSION (NO FRAME) 36" x 36" 3636 BOTTOM SECTION (NO FRAME) 36" x 36" 3636 STEEL COVER - 1 Pc. PARKWAY 190 lbs. 36" x 36" 3636 CB

24 BROOKS PRODUCTS, 36" X 36" CATCH BASIN

360 SERIES STANDARD DUPLEX PUMP STATION. Includes isometric view, plan view, and profile view. Jensen Engineering logo.

26 SEWER LIFT STATION

LEAD FREE Maxim™ Series M400, M400N, M400Z. Reduced Pressure Zone Assemblies. Includes technical drawings and specifications.

29 REDUCED PRESSURE ZONE ASSEMBLY

ACO DRAIN KlassikDrain - K300 Galvanized steel edge rail channel system. Includes technical drawings and specifications.

25 TRENCH DRAIN (KLASSIKRAIN K300 W/ ADA COMPLIANT GRATE)

360 SERIES STANDARD PS. Includes technical drawings and specifications.

30 MANHOLE PIPE-TO-PIPE

AMES FIRE & WATERWORKS. Includes technical drawings and specifications.

ACO DRAIN KlassikDrain - K300 Galvanized steel edge rail channel system. Includes technical drawings and specifications.

31 MAXWELL IV DRAINAGE DRYWELL

360 SERIES STANDARD PS. Includes technical drawings and specifications.

32 ACCESSIBLE PARKING SIGNAGE

AMES FIRE & WATERWORKS. Includes technical drawings and specifications.

33 MAXWELL IV DRAINAGE DRYWELL

ACO DRAIN Type 876D Longitudinal ductile iron grate (ADA). Includes technical drawings and specifications.

34 ACCESSIBLE PARKING SIGNAGE

360 SERIES STANDARD PS. Includes technical drawings and specifications.

35 MAXWELL IV DRAINAGE DRYWELL

AMES FIRE & WATERWORKS. Includes technical drawings and specifications.

36 MAXWELL IV DRAINAGE DRYWELL

ACO DRAIN Type 876D Longitudinal ductile iron grate (ADA). Includes technical drawings and specifications.

37 MAXWELL IV DRAINAGE DRYWELL

360 SERIES STANDARD PS. Includes technical drawings and specifications.

38 MAXWELL IV DRAINAGE DRYWELL

AMES FIRE & WATERWORKS. Includes technical drawings and specifications.

39 MAXWELL IV DRAINAGE DRYWELL

ACO DRAIN Type 876D Longitudinal ductile iron grate (ADA). Includes technical drawings and specifications.

40 MAXWELL IV DRAINAGE DRYWELL

360 SERIES STANDARD PS. Includes technical drawings and specifications.

41 MAXWELL IV DRAINAGE DRYWELL

AMES FIRE & WATERWORKS. Includes technical drawings and specifications.

42 MAXWELL IV DRAINAGE DRYWELL

43 MAXWELL IV DRAINAGE DRYWELL

44 MAXWELL IV DRAINAGE DRYWELL

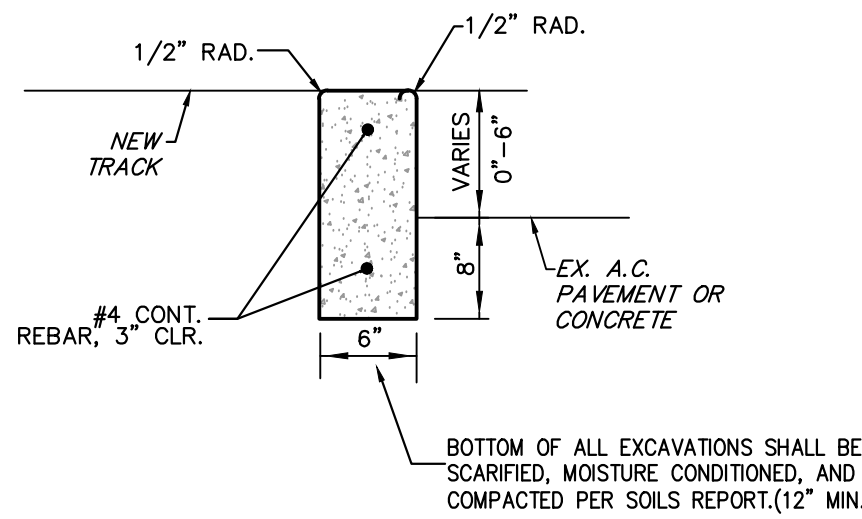
45 MAXWELL IV DRAINAGE DRYWELL

46 MAXWELL IV DRAINAGE DRYWELL

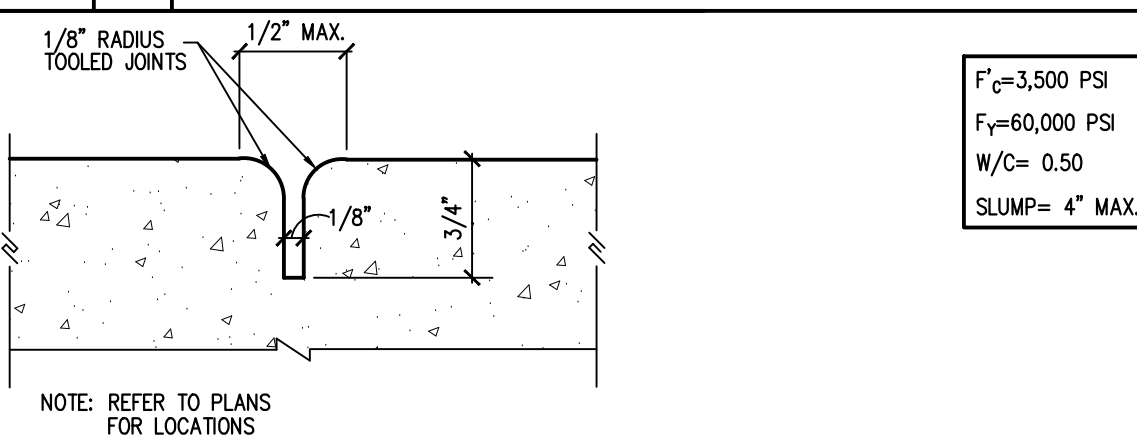
47 MAXWELL IV DRAINAGE DRYWELL

48 MAXWELL IV DRAINAGE DRYWELL





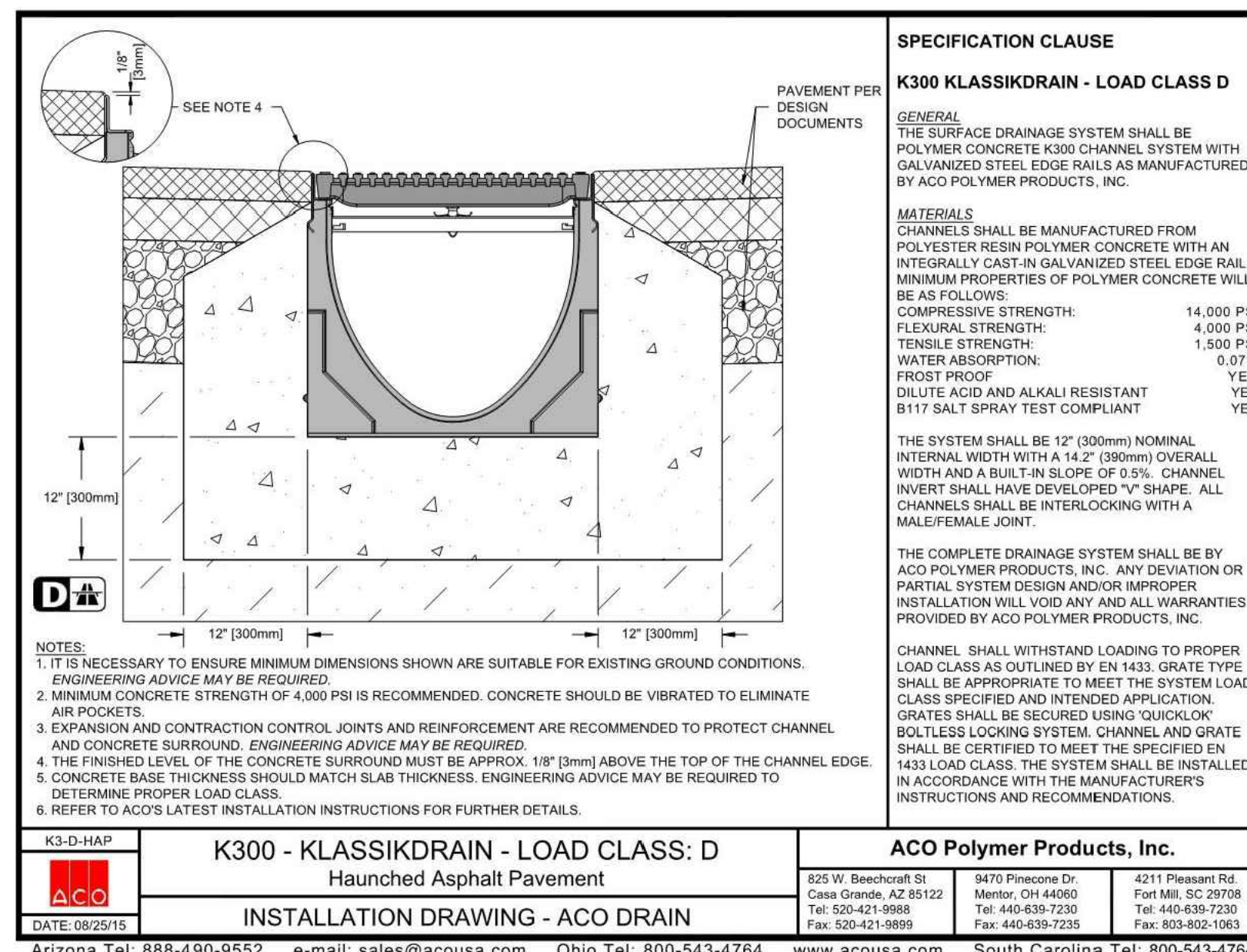
N.T.S	33	6" WIDE P.C.C. CURB
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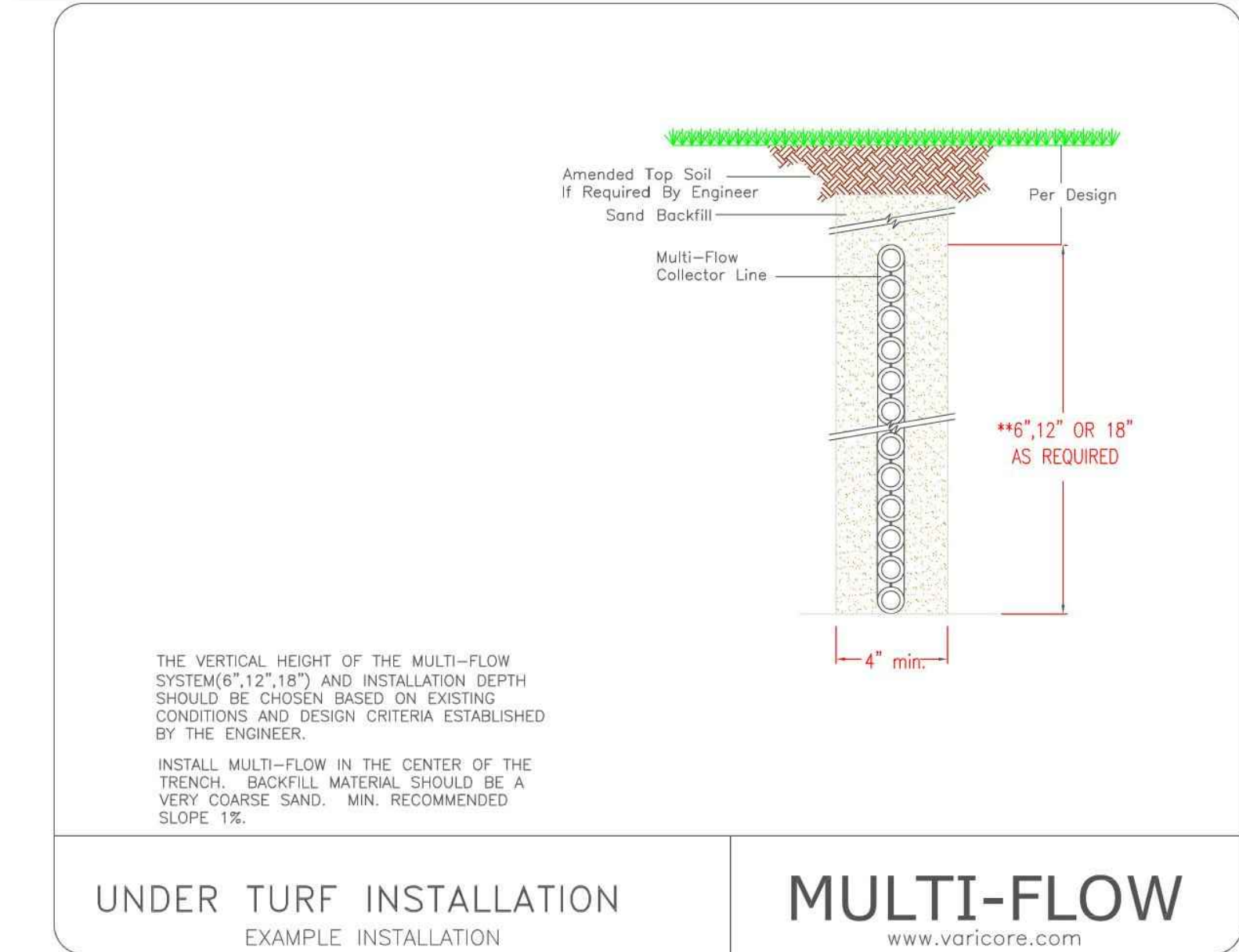
38 6" CONCRETE CURB AT 'D-ZONE' & TURF EDGE



38 6" CONCRETE CURB AT 'D-ZONE' & TURF EDGE



N.T.S.	35	MULTI-FLOW COLLECTOR LINE UNDER TURB
--------	----	--------------------------------------



35	MULTI-FLOW COLLECTOR LINE UNDER TURB
----	--------------------------------------

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PROJECT NAME

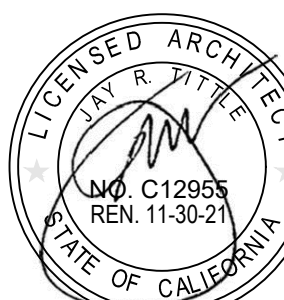
**RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS**

545 CENTRAL AVE,  
OXNARD, CA. 93036

CONSULTANT



SEARCH



ISSUE FOR  
DSA SUBMITTAL SET

ISSUE DATE  
03/19/20

## REVISIONS

NO.	REASON	DATE

<b>PROJECT TEAM</b>
PRINCIPAL IN CHARGE
<b>BB</b>
PROJECT MANAGER

DESIGN TEAM  
SA, ML, VS, AT  
PROJECT NAME

RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS  
GATEWAY IMPROVEMENTS

PROJECT NO.	6121235307
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## ADDITIONAL DETAILS

SHEET NUMBER

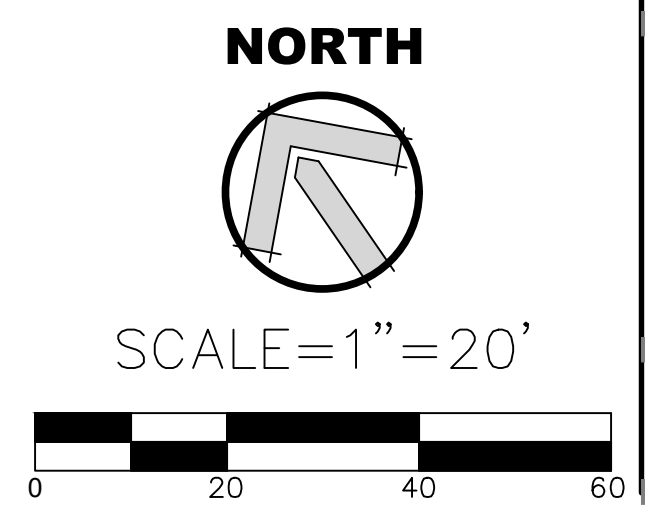
|C1.3







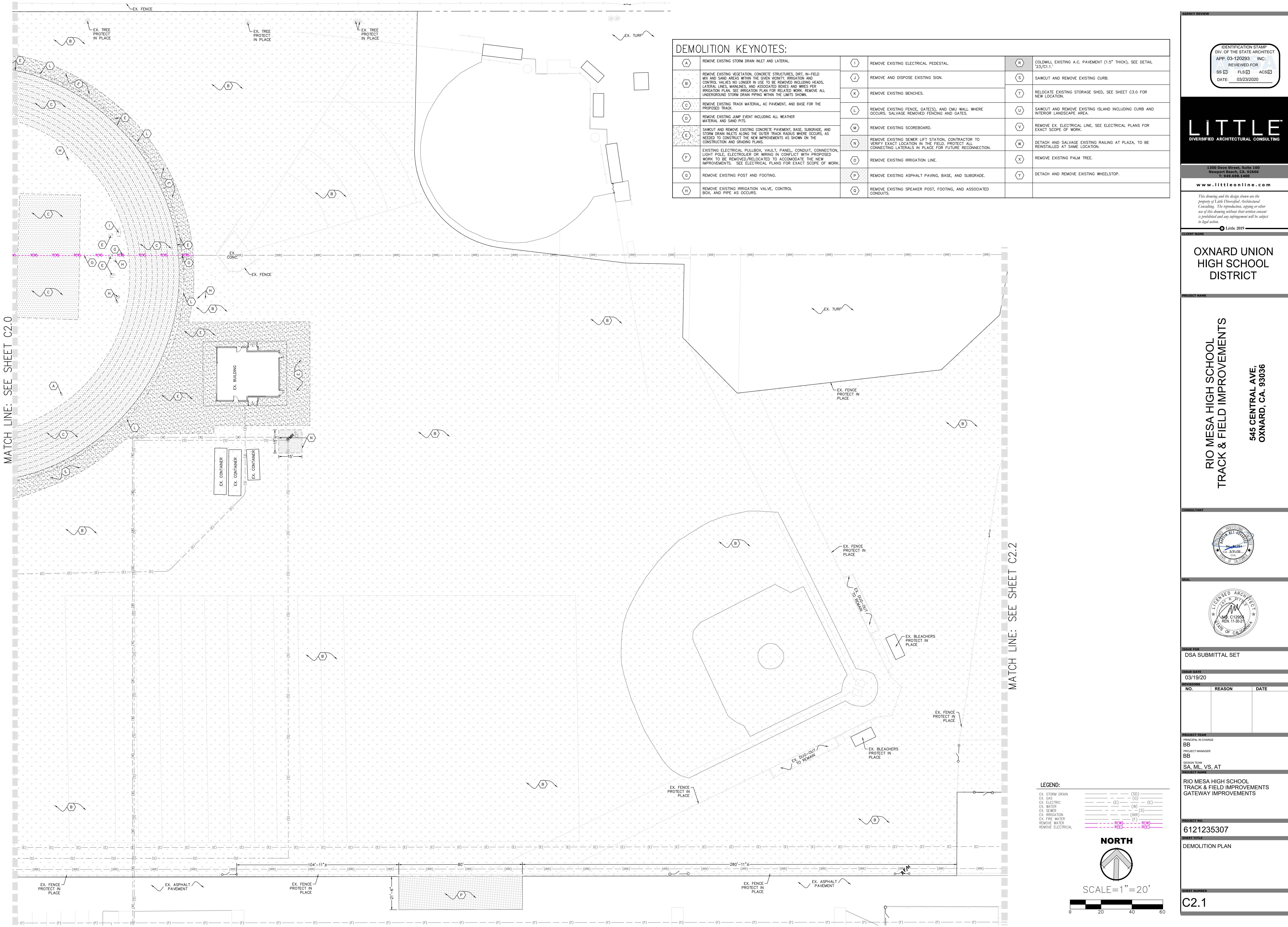
**LEGEND:**

EX. STORM DRAIN	_____	(SD)	_____
EX. GAS	_____	(G)	_____
EX. ELECTRIC	_____	(E)	_____ (E)
EX. WATER	_____	(W)	_____ (S)
EX. SEWER	_____	(S)	_____
EX. IRRIGATION	_____	(IRR)	_____
EX. FIRE WATER	_____	(F)	_____
REMOVE WATER	----- R(W)		----- R(W)
REMOVE ELECTRICAL	----- R(E)		----- R(E)



<small>AGENCY REVIEW</small>		
<div style="border: 1px solid black; border-radius: 15px; padding: 10px; margin: 0 auto; width: 80%;"><div style="text-align: center; margin-bottom: 5px;">IDENTIFICATION STAMP</div><div style="text-align: center; margin-bottom: 5px;">DIV. OF THE STATE ARCHITECT</div><div style="text-align: center; margin-bottom: 5px;">APP: 03-120293      INC:</div><div style="text-align: center; margin-bottom: 5px;">REVIEWED FOR:</div><div style="display: flex; justify-content: space-around; margin-bottom: 5px;"><span>SS <input type="checkbox"/></span><span>FLS <input type="checkbox"/></span><span>ACS <input type="checkbox"/></span></div><div style="text-align: center;">DATE: 03/23/2020</div></div>		
<h1 style="margin: 0;">LITTLE</h1> <div style="display: flex; justify-content: space-between; width: 100%;"><span>VERSIFIED</span><span>ARCHITECTURAL</span><span>CONSULTING</span></div>		
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<small>● Little 2019</small>		
<h2 style="margin: 0;">OXNARD UNION HIGH SCHOOL DISTRICT</h2>		
<small>PROJECT NAME</small>		
<div style="display: flex; justify-content: space-between; align-items: center;"><div style="writing-mode: vertical-rl; transform: rotate(180deg); text-align: center;"><h3 style="margin: 0;">RIO MESA HIGH SCHOOL TRACK &amp; FIELD IMPROVEMENTS</h3></div><div style="writing-mode: vertical-rl; transform: rotate(180deg); text-align: center;"><h3 style="margin: 0;">545 CENTRAL AVE, OXNARD, CA. 93036</h3></div></div>		
<small>CONSULTANT</small>		
		
<small>SEAL</small>		
		
<small>ISSUE FOR</small>		
<b>DSA SUBMITTAL SET</b>		
<small>ISSUE DATE</small>		
<b>03/19/20</b>		
<small>REVISIONS</small>		
<b>NO.</b>	<b>REASON</b>	<b>DATE</b>
<small>PROJECT TEAM</small>		
BB <small>PRINCIPAL IN CHARGE</small>		
BB <small>PROJECT MANAGER</small>		
BB <small>DESIGN TEAM</small>		
<b>SA, ML, VS, AT</b>		
<small>PROJECT NAME</small>		
<b>RIO MESA HIGH SCHOOL TRACK &amp; FIELD IMPROVEMENTS GATEWAY IMPROVEMENTS</b>		
<small>PROJECT NO.</small>		
<b>6121235307</b>		
<small>SHEET TITLE</small>		
<b>DEMOLITION PLAN</b>		
<small>SHEET NUMBER</small>		
<b>C2.0</b>		





AGENCY REVIEW

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 03-120293 INC.  
REVIEWED FOR  
SS ☐ FLS ☐ ACS ☐  
DATE: 03/23/2020

**LITTLE**  
DIVERSIFIED ARCHITECTURAL CONSULTING

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CLIENT NAME

OXNARD UNION  
HIGH SCHOOL  
DISTRICT

PROJECT NAME

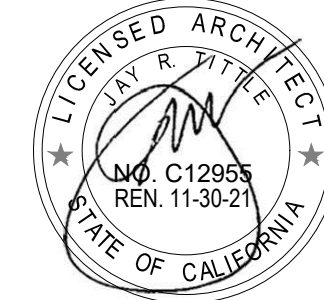
RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS

545 CENTRAL AVE.  
OXNARD, CA. 93036

CONSULTANT



SEAL



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PROJECT TEAM

PRINCIPAL IN CHARGE

BB

PROJECT MANAGER

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DESIGN TEAM

SA, ML, VS, AT

PROJECT NAME

RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS  
GATEWAY IMPROVEMENTS

PROJECT NO.

6121235307

SHEET TITLE

DEMOLITION PLAN

SHEET NUMBER

C2.1

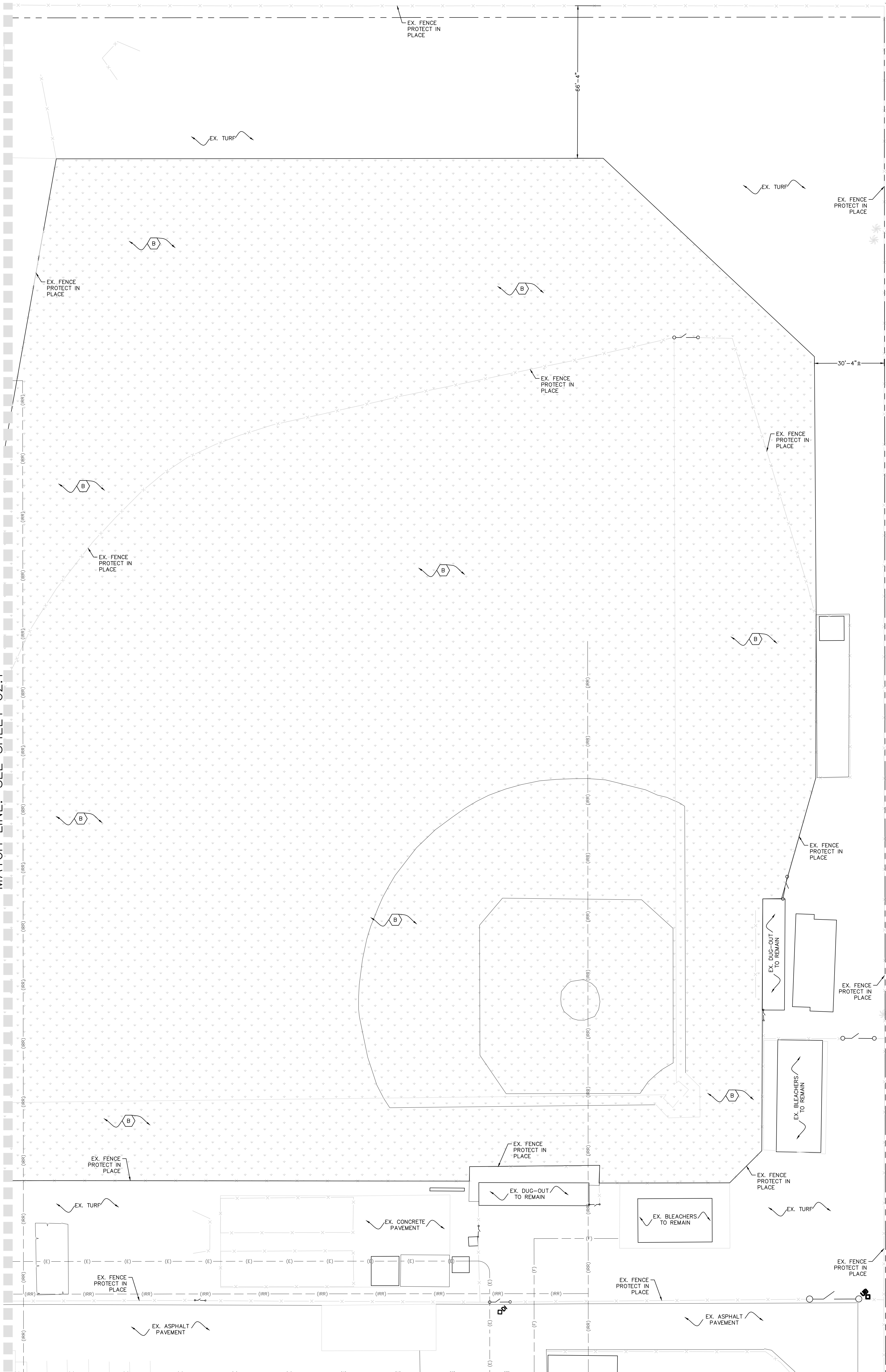


DEMOLITION KEYNOTES:			
<div>A</div>	REMOVE EXISTING STORM DRAIN INLET AND LATERAL.	<div>I</div>	REMOVE EXISTING ELECTRICAL PEDESTAL.
<div>B</div>	REMOVE EXISTING VEGETATION, CONCRETE STRUCTURES, DIRT, IN-FIELD MIX AND SAND AREAS WITHIN THE GIVEN VICINITY. IRRIGATION AND CONTROL VALVES NO LONGER IN USE TO BE REMOVED INCLUDING HEADS, LATERAL LINES, MAINLINES, AND ASSOCIATED BOXES AND WIRES PER IRRIGATION PLAN. SEE IRRIGATION PLAN FOR RELATED WORK. REMOVE ALL UNDERGROUND STORM DRAIN PIPING WITHIN THE LIMITS SHOWN.	<div>J</div>	REMOVE AND DISPOSE EXISTING SIGN.
<div>C</div>	REMOVE EXISTING TRACK MATERIAL, AC PAVEMENT, AND BASE FOR THE PROPOSED TRACK.	<div>K</div>	REMOVE EXISTING BENCHES.
<div>D</div>	REMOVE EXISTING JUMP EVENT INCLUDING ALL WEATHER MATERIAL AND SAND PITS.	<div>L</div>	REMOVE EXISTING FENCE, GATE(S), AND CMU WALL WHERE OCCURS. SALVAGE REMOVED FENCING AND GATES.
<div>E</div>	SAWCUT AND REMOVE EXISTING CONCRETE PAVEMENT, BASE, SUBGRADE, AND STORM DRAIN INLETS ALONG THE OUTER TRACK RADIUS WHERE OCCURS, AS NEEDED TO CONSTRUCT THE NEW IMPROVEMENTS AS SHOWN ON THE CONSTRUCTION AND GRADING PLANS.	<div>M</div>	REMOVE EXISTING SCOREBOARD.
<div>F</div>	EXISTING ELECTRICAL PULLBOX, VAULT, PANEL, CONDUIT, CONNECTION, LIGHT POLE, ELECTRICIAN OR WIRING IN CONFLICT WITH PROPOSED WORK TO BE REMOVED/RELOCATED TO ACCOMMODATE THE NEW IMPROVEMENTS. SEE ELECTRICAL PLANS FOR EXACT SCOPE OF WORK.	<div>N</div>	REMOVE EXISTING SEWER LIFT STATION. CONTRACTOR TO VERIFY EXACT LOCATION IN THE FIELD. PROTECT ALL CONNECTING LATERALS IN PLACE FOR FUTURE RECONNECTION.
<div>G</div>	REMOVE EXISTING POST AND FOOTING.	<div>O</div>	REMOVE EXISTING IRRIGATION LINE.
<div>H</div>	REMOVE EXISTING IRRIGATION VALVE, CONTROL BOX, AND PIPE AS OCCURS.	<div>P</div>	REMOVE EXISTING ASPHALT PAVING, BASE, AND SUBGRADE.
		<div>Q</div>	REMOVE EXISTING SPEAKER POST, FOOTING, AND ASSOCIATED CONDUITS.
		<div>R</div>	COLDMILL EXISTING A.C. PAVEMENT (1.5" THICK), SEE DETAIL '23/C1.1.'
		<div>S</div>	SAWCUT AND REMOVE EXISTING CURB.
		<div>T</div>	RELOCATE EXISTING STORAGE SHED, SEE SHEET C3.0 FOR NEW LOCATION.
		<div>U</div>	SAWCUT AND REMOVE EXISTING ISLAND INCLUDING CURB AND INTERIOR LANDSCAPE AREA.
		<div>V</div>	REMOVE EX. ELECTRICAL LINE, SEE ELECTRICAL PLANS FOR EXACT SCOPE OF WORK.
		<div>W</div>	DETACH AND SALVAGE EXISTING RAILING AT PLAZA, TO BE REINSTALLED AT SAME LOCATION.
		<div>X</div>	REMOVE EXISTING PALM TREE.
		<div>Y</div>	DETACH AND REMOVE EXISTING WHEELSTOP.

LEGEND:

EX. STORM DRAIN	---	(SD)
EX. GAS	---	(G)
EX. ELECTRIC	---	(E)
EX. WATER	---	(W)
EX. SEWER	---	(S)
EX. IRRIGATION	---	(IRR)
EX. FIRE WATER	---	(F)
REMOVE WATER	---	(R(W))
REMOVE ELECTRICAL	---	(R(E))

MATCH LINE: SEE SHEET C2.1



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**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

PROJECT NAME

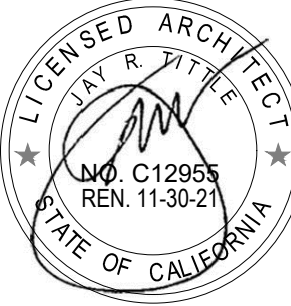
**RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS**

**545 CENTRAL AVE.  
OXNARD, CA, 93036**

CONSULTANT



SEAL



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PROJECT TEAM

PRINCIPAL IN CHARGE

BB

PROJECT MANAGER

BB

DESIGN TEAM

SA, ML, VS, AT

PROJECT NAME

**RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS  
GATEWAY IMPROVEMENTS**

PROJECT NO.

**6121235307**

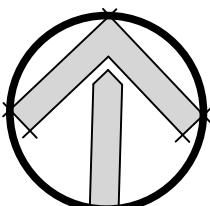
SHEET TITLE

**DEMOLITION PLAN**

SHEET NUMBER

**C2.2**

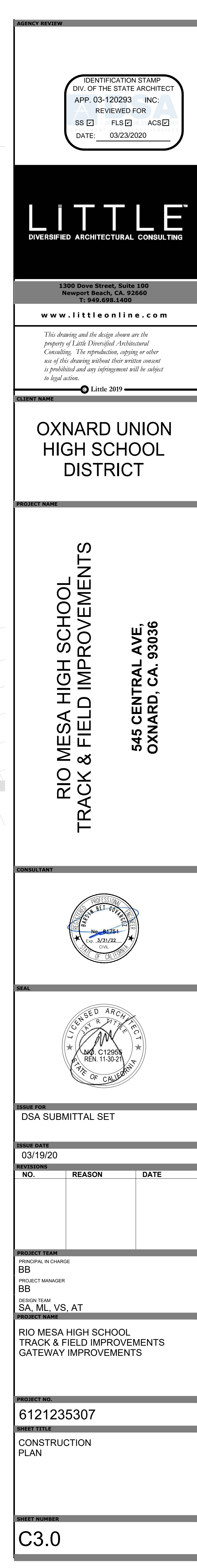
**NORTH**



SCALE=1"=20'

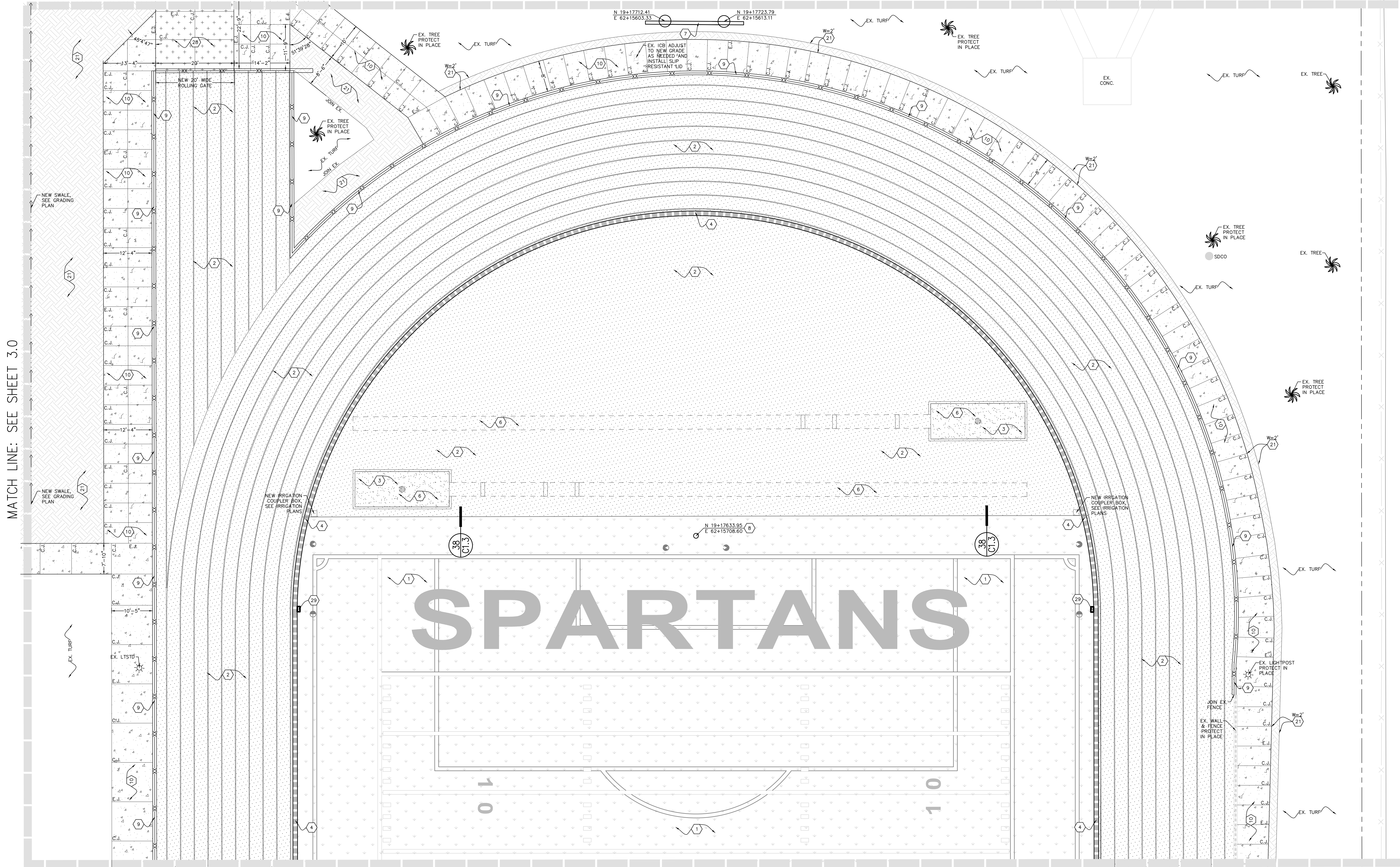








MATCH LINE: SEE SHEET C3.0



MATCH LINE: SEE SHEET C3.2

CONSTRUCTION KEYNOTES (FURNISH & INSTALL):

1	SYNTHETIC TURF	11	NEW 42" HIGH COURTESY RAIL, SEE DETAIL FOR MORE INFORMATION.	20	NEW DETECTABLE WARNING SURFACE (WET SET TRUNCATED DOMES)	29	ELECTRICAL JUNCTION BOX WITH ALL WEATHER TRACK MATERIAL LID (REFER TO ELECTRICAL PLANS). MATCHING TYPE, COLOR & MODEL OF EXISTING TRACK SURFACE. CONTRACTOR SHALL CONTACT BEYOND REP. FOR INFO. & SUBMIT OUT-SHEETS FOR REVIEW.
2	ASPHALT PAVING WITH ALL-WEATHER TRACK SURFACING	12	NEW GATEWAY STRUCTURE PER ARCHITECTURAL PLANS.	21	NEW LANDSCAPE AREA (SEE PLANTING AND IRRIGATION PLANS FOR DETAILS).	30	SALVAGED RAILING TO BE REINSTALLED AT ORIGINAL LOCATION.
3	SAND (REFER TO ARCHITECTURAL PLANS)	13	NEW 12" WIDE RETAINING WALL WITH FENCE (REFER TO ARCHITECTURAL PLANS FOR FENCING DETAILS).	22	NEW "NO PARKING" WORDS IN 12" HIGH WHITE LETTERS.	31	NEW 12" TRENCH DRAIN, SEE STORM DRAIN PLANS FOR DETAILS.
4	TRACK TRENCH DRAIN	14	NEW ACCESSIBLE PARKING SIGN WITH BOLLARD AND POST.	23	RELOCATE EXISTING STORAGE CONTAINER TO NEW LOCATION SHOWN ON PLAN.	32	RELOCATE EXISTING STORAGE CONTAINER DURING CONSTRUCTION AND PLACE BACK AT ORIGINAL LOCATION ONCE CONSTRUCTION HAS BEEN COMPLETED.
5	HIGH JUMP (REFER TO ARCHITECTURAL PLANS)	15	NEW LOADING/UNLOADING AISLE WITH BLUE PAINTED BORDERLINE AROUND THE PERIMETER. THE AREA WITHIN THE BLUE BORDERLINES SHALL BE MARKED WITH 45° HATCHED LINES A MAX. OF 36" O.C. IN A WHITE COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE. BLUE BORDER COLOR SHALL BE APPROXIMATELY YS 15090 IN FEDERAL STANDARD 595C.	24	NEW FULL DEPTH ASPHALT PAVEMENT, MATCH ADJOINING PAVEMENT SECTION LIKE-FOR-LIKE.	33	REPAIR/REPLACE IN-FIELD MIX AS NEEDED TO ACCOMMODATE THE IMPROVEMENTS SHOWN ON THE GRADING AND STORM DRAIN PLAN. SEE SPECIFICATIONS FOR IN-FIELD MIX.
6	LONG/TRIPLE JUMP (REFER TO ARCHITECTURAL PLANS)	16	NEW 4" WIDE BLUE PAINT (2 COATS). BLUE COLOR SHALL BE APPROXIMATELY YS 15090 IN FEDERAL STANDARD 595C.	25	NEW 12" WIDE MOW CURB WITH FENCE (SEE ARCHITECTURAL PLANS FOR FENCING DETAILS).	34	NEW RIP-RAP AREA, SEE STORM DRAIN PLANS FOR MORE INFORMATION.
7	SCOREBOARD (REFER TO ARCHITECTURAL PLANS)	17	NEW 36" X 36" INTERNATIONAL SYMBOL OF ACCESSIBILITY.	26	NEW "NO PARKING" AREA WITH RED PAINTED BORDERLINE AROUND THE PERIMETER. THE AREA WITHIN THE BORDERLINES SHALL BE MARKED WITH 45° HATCHED LINES A MAX. OF 36" O.C. IN A RED COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE.	35	PAINT NEW CURB RED (2 COATS).
8	NEW GOAL POST (REFER TO ARCHITECTURAL PLANS)	18	NEW 6" P.C.C. CURB, PAINT CURB BLUE (2 COATS). BLUE COLOR SHALL BE APPROXIMATELY YS 15090 IN FEDERAL STANDARD 595C.	27	NEW 6" WIDE P.C.C. CURB	36	REFRESH/RE-STRIPE (2 COATS) PAVEMENT MARKINGS, MATCH EXISTING LIKE-FOR-LIKE.
9	NEW 12" WIDE CURB WITH FENCE, SEE ARCHITECTURAL PLANS FOR ALL FENCING, GATES, AND POST EMBEDMENT DETAILS.	19	VARIABLE THICKNESS (1.5" MIN.) A.C. PAVEMENT OVERLAY TYPE C2, PG 64-10. SEE DETAIL FOR ADDITIONAL INFO. SEE GRADING PLANS FOR PROPOSED FINISHED SURFACE ELEVATIONS.			37	PAINT NEW DIRECTIONAL ARROW PAVEMENT MARKING (2 COATS), MATCH EXISTING LIKE-FOR-LIKE.
10	NEW CONCRETE PAVING, COLOR AND FINISH PER ARCHITECTURAL PLANS						

LEGEND:

	TRACK TRENCH DRAIN
	PERFORATED DRAIN CLEANOUT AT SYNTHETIC TURF
	SAND PIT CATCH BASIN
	JUNCTION BOX
	STORM DRAIN CLEAN-OUT
	GRATE INLET CATCH BASIN
	WATER VALVE/BOX
	REDUCED PRESSURE ZONE ASSEMBLY
	SEWER CLEAN-OUT
	STORM DRAIN MANHOLE

NOTE:

1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR: ALL PLAY FIELD/TRACK STRIPING, JOINT PATTERNS, POST EMBEDMENT DETAILS, FENCING, JUMP EVENTS, AND NEW PAVEMENT COLOR/FINISH.

NOTES:

1. ALL THE MOVABLE ITEMS THAT ARE CURRENTLY LOCATED WITHIN THE WORK AREA NEED TO BE RELOCATED DURING THE DEMOLITION AND CONSTRUCTION, AND PLACED BACK AT THE SAME LOCATION AFTER THE WORK IS COMPLETED.

2. CONTRACTOR SHALL ENSURE EXISTING IRRIGATION THAT FEEDS LANDSCAPE AREAS ADJACENT TO THE PROJECT WORK AREA REMAINS FULL OPERATIONAL THROUGHOUT DURATION OF THE PROJECT. WHEN REQUIRED TO INTERRUPT EXISTING IRRIGATION OPERATIONS, CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY WATER TO MAINTAIN ALL EXISTING LANDSCAPE AREAS IN HEALTHY CONDITION UNTIL IRRIGATION SYSTEM IS RESTORED.

NORTH

SCALE=1"=10'



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**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

PROJECT NAME

**RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS**

**545 CENTRAL AVE.  
OXNARD, CA. 93036**

CONSULTANT



SEAL



ISSUE FOR

DSA SUBMITTAL SET

ISSUE DATE

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REVISIONS

NO.	REASON	DATE

PROJECT TEAM

PRINCIPAL IN CHARGE

BB

PROJECT MANAGER

BB

DESIGN TEAM

SA, ML, VS, AT

PROJECT NAME

**RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS  
GATEWAY IMPROVEMENTS**

PROJECT NO.

**6121235307**

SHEET TITLE

**CONSTRUCTION  
PLAN**

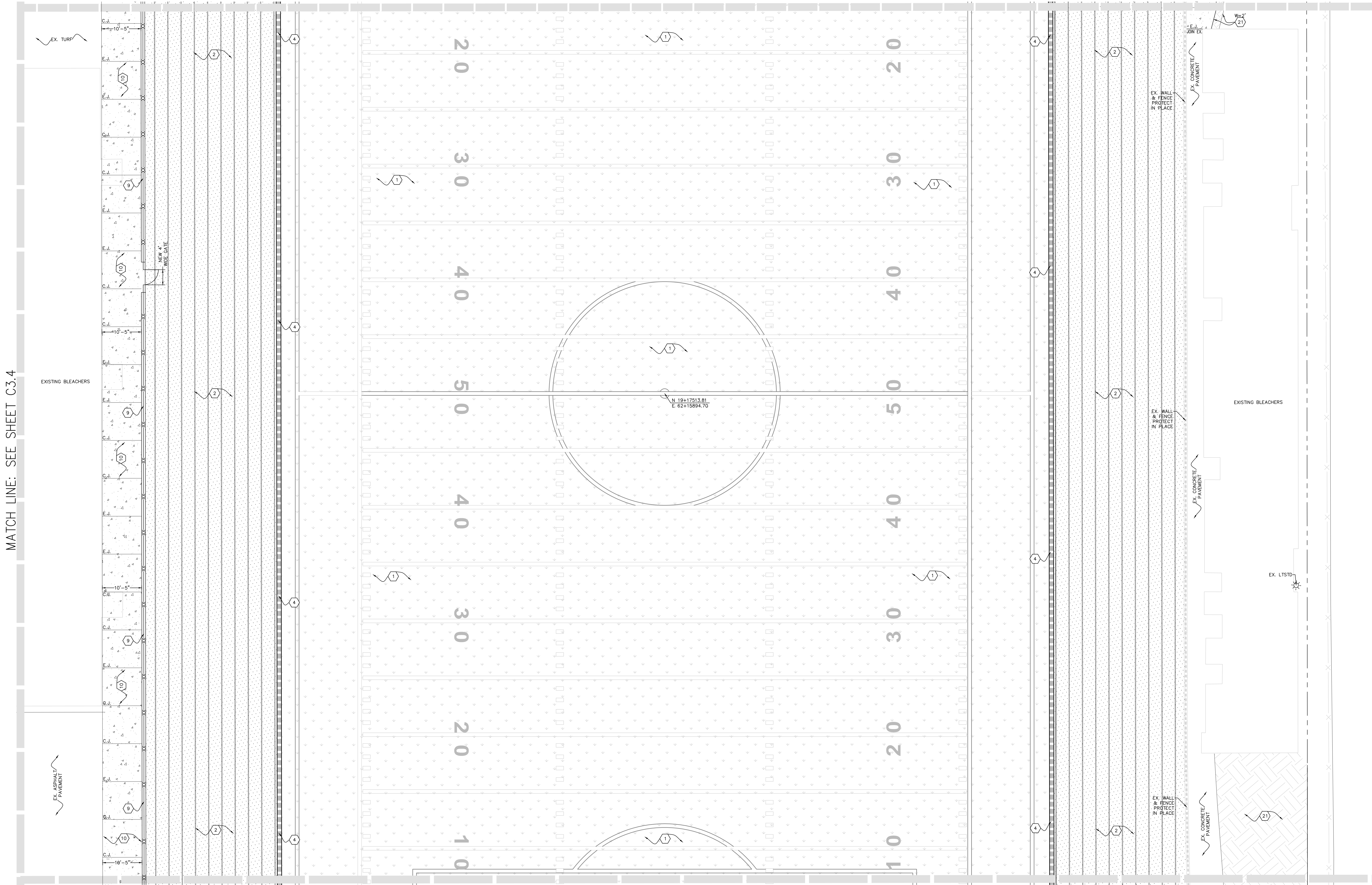
SHEET NUMBER

**C3.1**



MATCH LINE: SEE SHEET C3.1

MATCH LINE: SEE SHEET C3.4



MATCH LINE: SEE SHEET C3.3

CONSTRUCTION KEYNOTES (FURNISH & INSTALL):

1	SYNTHETIC TURF	11	NEW 42" HIGH COURTESY RAIL, SEE DETAIL FOR MORE INFORMATION.	21	NEW DETECTABLE WARNING SURFACE (WET SET TRUNCATED DOMES)	29	ELECTRICAL JUNCTION BOX WITH ALL WEATHER TRACK MATERIAL LID (REFER TO ELECTRICAL PLANS). MATCHING TYPE, COLOR & MODEL OF EXISTING TRACK SURFACE. CONTRACTOR SHALL CONTACT BEYONN REP. FOR INFO. & SUBMIT CUT-SHEETS FOR REVIEW.
2	ASPHALT PAVING WITH ALL-WEATHER TRACK SURFACING	12	NEW GATEWAY STRUCTURE PER ARCHITECTURAL PLANS.	22	NEW LANDSCAPE AREA (SEE PLANTING AND IRRIGATION PLANS FOR DETAILS).	30	NEW 12" TRENCH DRAIN, SEE STORM DRAIN PLANS FOR DETAILS.
3	SAND (REFER TO ARCHITECTURAL PLANS)	13	NEW 12" WIDE RETAINING WALL WITH FENCE (REFER TO ARCHITECTURAL PLANS FOR FENCING DETAILS).	23	NEW "NO PARKING" WORDS IN 12" HIGH WHITE LETTERS.	31	RELOCATE EXISTING STORAGE CONTAINER DURING CONSTRUCTION AND PLACE BACK AT ORIGINAL LOCATION ONCE CONSTRUCTION HAS BEEN COMPLETED.
4	TRACK TRENCH DRAIN	14	NEW ACCESSIBLE PARKING SIGN WITH BOLLARD AND POST.	24	REPAIR/REPLACE IN-FIELD MIX AS NEEDED TO ACCOMMODATE THE IMPROVEMENTS SHOWN ON THE GRADING AND STORM DRAIN PLAN. SEE SPECIFICATIONS FOR IN-FIELD MIX.	32	NEW RP-RAP AREA, SEE STORM DRAIN PLANS FOR MORE INFORMATION.
5	HIGH JUMP (REFER TO ARCHITECTURAL PLANS)	15	NEW LOADING/UNLOADING AISLE WITH BLUE PAINTED BORDERLINE AROUND THE PERIMETER. THE AREA WITHIN THE BLUE BORDERLINES SHALL BE MARKED WITH 45° HATCHED LINES A MAX. OF 36" O.C. IN A WHITE COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE. BLUE BORDER COLOR SHALL BE APPROXIMATELY 15090" IN FEDERAL STANDARD 595C.	25	NEW 12" WIDE MOW CURB WITH FENCE (SEE ARCHITECTURAL PLANS FOR FENCING DETAILS).	33	PAINT NEW CURB RED (2 COATS).
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9	NEW 12" WIDE CURB WITH FENCE. SEE ARCHITECTURAL PLANS FOR ALL FENCING, GATES, AND POST EMBEDMENT DETAILS.	19	VARIABLE THICKNESS (1.5" MIN.) A.C. PAVEMENT OVERLAY TYPE C2, PG 44-10. SEE DETAIL FOR ADDITIONAL INFO. SEE GRADING PLANS FOR PROPOSED FINISHED SURFACE ELEVATIONS.	29		37	
10	NEW CONCRETE PAVING, COLOR AND FINISH PER ARCHITECTURAL PLANS						

LEGEND:

	PDGO	PERFORATED DRAIN CLEANOUT AT SYNTHETIC TURF
	SPOB	SAND PIT CATCH BASIN
	JB	JUNCTION BOX
	SDCO	STORM DRAIN CLEAN-OUT
	GIB	GRATE INLET CATCH BASIN
	WV	WATER VALVE/BOX
	RPZA	REDUCED PRESSURE ZONE ASSEMBLY
	SCD	SEWER CLEAN-OUT
	SDMH	STORM DRAIN MANHOLE

NOTE:

1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR: ALL PLAY FIELD/TRACK STRIPING, JOINT PATTERNS, POST EMBEDMENT DETAILS, FENCING, JUMP EVENTS, AND NEW PAVEMENT COLOR/FINISH.

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NORTH

SCALE=1"=10'



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PROJECT NAME

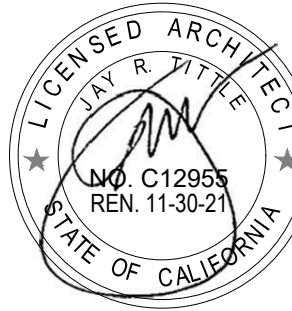
**RIO MESA HIGH SCHOOL  
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CONSULTANT



SEAL



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PROJECT NAME

**RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS  
GATEWAY IMPROVEMENTS**

PROJECT NO.

**6121235307**

SHEET TITLE

**CONSTRUCTION  
PLAN**

SHEET NUMBER

**C3.2**



MATCH LINE: SEE SHEET C3.4

MATCH LINE: SEE SHEET C3.2

MATCH LINE: SEE SHEET C3.5

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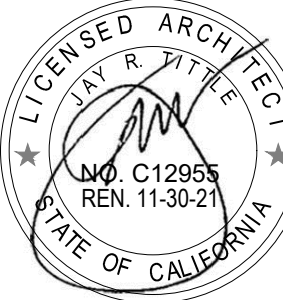
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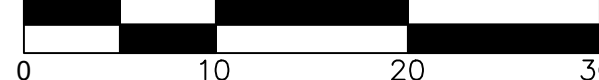
**C3.3**

**LEGEND:**

- TRACK TRENCH DRAIN
- POCO PERFORATED DRAIN CLEANOUT AT SYNTHETIC TURF
- SPCB SAND PIT CATCH BASIN
- JB JUNCTION BOX
- SDCO STORM DRAIN CLEAN-OUT
- GRATE INLET CATCH BASIN
- WV WATER VALVE/BOX
- RPZA REDUCED PRESSURE ZONE ASSEMBLY
- SCD SEWER CLEAN-OUT
- SDMH STORM DRAIN MANHOLE

**NORTH**

SCALE=1"=10'



**CONSTRUCTION KEYNOTES (FURNISH & INSTALL):**

1	SYNTHETIC TURF	1	NEW 42" HIGH COURTESY RAIL, SEE DETAIL FOR MORE INFORMATION.	20	NEW DETECTABLE WARNING SURFACE (NET SET TRUNCATED DOMES)	29	ELECTRICAL JUNCTION BOX WITH ALL WEATHER TRACK MATERIAL LID (REFER TO ELECTRICAL PLANS). MATCHING TYPE, COLOR & MODEL OF EXISTING TRACK SURFACE. CONTRACTOR SHALL CONTACT DESIGNER FOR INFO & SUBMIT CUT-SHEETS FOR REVIEW.
2	ASPHALT PAVING WITH ALL-WEATHER TRACK SURFACING	12	NEW GATEWAY STRUCTURE PER ARCHITECTURAL PLANS.	21	NEW LANDSCAPE AREA (SEE PLANTING AND IRRIGATION PLANS FOR DETAILS).	30	SALVAGED RAILING TO BE REINSTALLED AT ORIGINAL LOCATION.
3	SAND (REFER TO ARCHITECTURAL PLANS)	13	NEW 12" WIDE RETAINING WALL WITH FENCE (REFER TO ARCHITECTURAL PLANS FOR FENCING DETAILS)	22	NEW "NO PARKING" WORDS IN 12" HIGH WHITE LETTERS.	31	NEW 12" TRENCH DRAIN, SEE STORM DRAIN PLANS FOR DETAILS.
4	TRACK TRENCH DRAIN	14	NEW ACCESSIBLE PARKING SIGN WITH BOLLARD AND POST.	23	RELOCATE EXISTING STORAGE CONTAINER TO NEW LOCATION SHOWN ON PLAN.	32	RELOCATE EXISTING STORAGE CONTAINER DURING CONSTRUCTION AND PLACE BACK AT ORIGINAL LOCATION ONCE CONSTRUCTION HAS BEEN COMPLETED.
5	HIGH JUMP (REFER TO ARCHITECTURAL PLANS)	15	NEW LOADING/UNLOADING AISLE WITH BLUE PAINTED BORDERLINE AROUND THE PERIMETER. THE AREA WITHIN THE BLUE BORDERLINES SHALL BE MARKED WITH 45° HATCHED LINES A MAX. OF 36" O.C. IN A WHITE COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE. BLUE BORDER COLOR SHALL BE APPROXIMATELY 'S 15090' IN FEDERAL STANDARD 595C.	24	NEW FULL DEPTH ASPHALT PAVEMENT, MATCH ADJOINING PAVEMENT SECTION LIKE-FOR-LIKE.	33	REPAIR/REPLACE IN-FIELD MIX AS NEEDED TO ACCOMMODATE THE IMPROVEMENTS SHOWN ON THE GRADING AND STORM DRAIN PLAN. SEE SPECIFICATIONS FOR IN-FIELD MIX.
6	LONG/TRIPLE JUMP (REFER TO ARCHITECTURAL PLANS)	16	NEW 4" WIDE BLUE PAINT (2 COATS). BLUE COLOR SHALL BE APPROXIMATELY 'S 15090' IN FEDERAL STANDARD 595C.	25	NEW 12" WIDE MOW CURB WITH FENCE (SEE ARCHITECTURAL PLANS FOR FENCING DETAILS).	34	NEW RIP-RAP AREA, SEE STORM DRAIN PLANS FOR MORE INFORMATION.
7	SCOREBOARD (REFER TO ARCHITECTURAL PLANS)	17	NEW 36" X 36" INTERNATIONAL SYMBOL OF ACCESSIBILITY.	26	NEW "NO PARKING" AREA WITH RED PAINTED BORDERLINE AROUND THE PERIMETER. THE AREA WITHIN THE BORDERLINES SHALL BE MARKED WITH 45° HATCHED LINES A MAX. OF 36" O.C. IN A RED COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE.	35	PAINT NEW CURB RED (2 COATS).
8	NEW GOAL POST (REFER TO ARCHITECTURAL PLANS)	18	NEW 6" P.C.C. CURB. PAINT CURB BLUE (2 COATS). BLUE COLOR SHALL BE APPROXIMATELY 'S 15090' IN FEDERAL STANDARD 595C.	27	NEW 6" WIDE P.C.C. CURB	36	REFRESH/RE-STRIPE (2 COATS) PAVEMENT MARKINGS, MATCH EXISTING LIKE-FOR-LIKE.
9	NEW 12" WIDE CURB WITH FENCE. SEE ARCHITECTURAL PLANS FOR ALL FENCING, GATES, AND POST EMBEDMENT DETAILS.	19	VARIABLE THICKNESS (1.5" MIN.) A.C. PAVEMENT OVERLAY TYPE C2 PG 64-10. SEE DETAIL FOR ADDITIONAL INFO. SEE GRADING PLANS FOR PROPOSED FINISHED SURFACE ELEVATIONS.	28	NEW HEAVY DUTY VEHICULAR CONCRETE PAVEMENT.	37	PAINT NEW DIRECTIONAL ARROW PAVEMENT MARKING (2 COATS), MATCH EXISTING LIKE-FOR-LIKE.
10	NEW CONCRETE PAVING, COLOR AND FINISH PER ARCHITECTURAL PLANS						

**NOTE:**

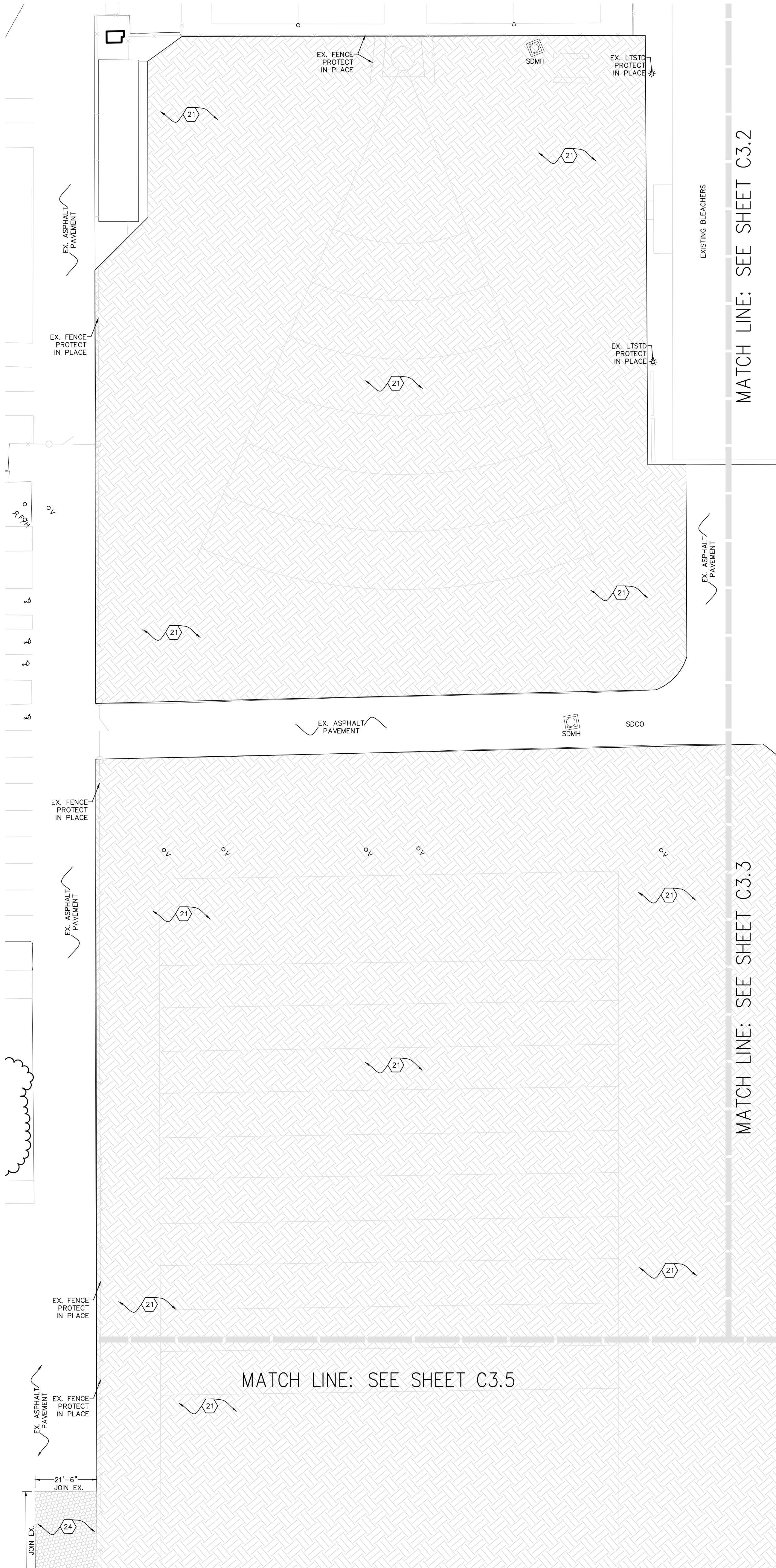
1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR: ALL PLAY FIELD/TRACK STRIPING, JOINT PATTERNS, POST EMBEDMENT DETAILS, FENCING, JUMP EVENTS, AND NEW PAVEMENT COLOR/FINISH.

**NOTES:**

1. ALL THE MOVABLE ITEMS THAT ARE CURRENTLY LOCATED WITHIN THE WORK AREA NEED TO BE RELOCATED DURING THE DEMOLITION AND CONSTRUCTION, AND PLACED BACK AT THE SAME LOCATION AFTER THE WORK IS COMPLETED.

2. CONTRACTOR SHALL ENSURE EXISTING IRRIGATION THAT FEEDS LANDSCAPE AREAS ADJACENT TO THE PROJECT WORK AREA REMAINS FULL OPERATIONAL THROUGHOUT DURATION OF THE PROJECT. WHEN REQUIRED TO INTERRUPT EXISTING IRRIGATION OPERATIONS, CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY WATER TO MAINTAIN ALL EXISTING LANDSCAPE AREAS IN HEALTHY CONDITION UNTIL IRRIGATION SYSTEM IS RESTORED.





CONSTRUCTION KEYNOTES (FURNISH & INSTALL):		
1	SYNTHETIC TURF	1 C11
2	ASPHALT PAVING WITH ALL-WEATHER TRACK SURFACING	1 C11 5 C11
3	SAND (REFER TO ARCHITECTURAL PLANS)	
4	TRACK TRENCH DRAIN	2 C11
5	HIGH JUMP (REFER TO ARCHITECTURAL PLANS)	7 C13
6	LONG/TRIPLE JUMP (REFER TO ARCHITECTURAL PLANS)	12 C13
7	SCOREBOARD (REFER TO ARCHITECTURAL PLANS)	9 C13
8	NEW GOAL POST (REFER TO ARCHITECTURAL PLANS)	2 C13
9	NEW 12" WIDE CURB WITH FENCE. SEE ARCHITECTURAL PLANS FOR ALL FENCING, GATES, AND POST EMBEDMENT DETAILS.	19 C11
10	NEW CONCRETE PAVING, COLOR AND FINISH PER ARCHITECTURAL PLANS	16 C11
11	NEW 42" HIGH COURTESY RAIL, SEE DETAIL FOR MORE INFORMATION.	
12	NEW GATEWAY STRUCTURE PER ARCHITECTURAL PLANS.	1 C21
13	NEW 12" WIDE RETAINING WALL WITH FENCE (REFER TO ARCHITECTURAL PLANS FOR FENCING DETAILS)	2 C13
14	NEW ACCESSIBLE PARKING SIGN WITH BOLLARD AND POST.	27 C12
15	NEW LOADING/UNLOADING AISLE WITH BLUE PAINTED BORDERLINE AROUND THE PERIMETER. THE AREA WITHIN THE BLUE BORDERLINES SHALL BE MARKED WITH 45° HATCHED LINES A MAX. OF 36" O.C. IN A WHITE COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE. BLUE BORDER COLOR SHALL BE APPROXIMATELY YS 15090' IN FEDERAL STANDARD 595C.	
16	NEW 4" WIDE BLUE PAINT (2 COATS). BLUE COLOR SHALL BE APPROXIMATELY YS 15090' IN FEDERAL STANDARD 595C.	
17	NEW 36" X 36" INTERNATIONAL SYMBOL OF ACCESSIBILITY.	20 C11
18	NEW 6" P.C.C. CURB. PAINT CURB BLUE (2 COATS). BLUE COLOR SHALL BE APPROXIMATELY YS 15090' IN FEDERAL STANDARD 595C.	21 C13
19	VARIABLE THICKNESS (1.5" MIN.) A.C. PAVEMENT OVERLAY TYPE C2 PG 64-10. SEE DETAIL FOR ADDITIONAL INFO. SEE GRADING PLANS FOR PROPOSED FINISHED SURFACE ELEVATIONS.	2 C11
20	NEW DETECTABLE WARNING SURFACE (WET SET TRUNCATED DOMES)	21 C11 2 C12
21	NEW LANDSCAPE AREA (SEE PLANTING AND IRRIGATION PLANS FOR DETAILS)	
22	NEW "NO PARKING" WORDS IN 12" HIGH WHITE LETTERS.	
23	RELOCATE EXISTING STORAGE CONTAINER TO NEW LOCATION SHOWN ON PLAN.	
24	NEW FULL DEPTH ASPHALT PAVEMENT, MATCH ADJOINING PAVEMENT SECTION LINE-FOR-LINE.	
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27	NEW 6" WIDE P.C.C. CURB	21 C13
28	NEW HEAVY DUTY VEHICULAR CONCRETE PAVEMENT.	17 C11
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30	SALVAGED RAILING TO BE REINSTALLED AT ORIGINAL LOCATION.	
31	NEW 12" TRENCH DRAIN, SEE STORM DRAIN PLANS FOR DETAILS	20 C12
32	RELOCATE EXISTING STORAGE CONTAINER DURING CONSTRUCTION AND PLACE BACK AT ORIGINAL LOCATION ONCE CONSTRUCTION HAS BEEN COMPLETED.	
33	REPAIR/REPLACE IN-FIELD MIX AS NEEDED TO ACCOMMODATE THE IMPROVEMENTS SHOWN ON THE GRADING AND STORM DRAIN PLAN. SEE SPECIFICATIONS FOR IN-FIELD MIX.	
34	NEW RIP-RAP AREA, SEE STORM DRAIN PLANS FOR MORE INFORMATION.	
35	PAINT NEW CURB RED (2 COATS).	
36	REFRESH/RE-STRIP (2 COATS) PAVEMENT MARKINGS, MATCH EXISTING LINE-FOR-LINE.	
37	PAINT NEW DIRECTIONAL ARROW PAVEMENT MARKING (2 COATS), MATCH EXISTING LINE-FOR-LINE.	19 C13

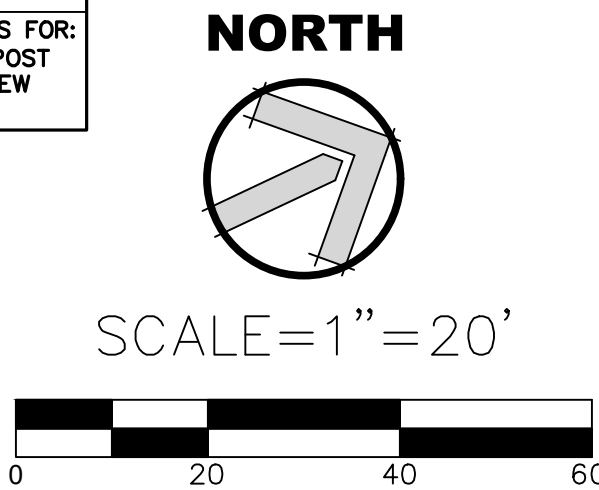
LEGEND:	
	TRACK TRENCH DRAIN
	PERFORATED DRAIN CLEANOUT AT SYNTHETIC TURF
	SAND PIT CATCH BASIN
	JUNCTION BOX
	STORM DRAIN CLEAN-OUT
	GRATE INLET CATCH BASIN
	WATER VALVE/BOX
	REDUCED PRESSURE ZONE ASSEMBLY
	SEWER CLEAN-OUT
	STORM DRAIN MANHOLE

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AGENCY REVIEW

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 03-120293 INC.  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 03/23/2020

LITTLE

DIVERSIFIED ARCHITECTURAL CONSULTING

1300 Dove Street, Suite 100  
Newport Beach, CA. 92660  
T: 949.698.1400

www.littleonline.com

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Little 2019

CLIENT NAME

OXNARD UNION  
HIGH SCHOOL  
DISTRICT

PROJECT NAME

RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS

545 CENTRAL AVE.  
OXNARD, CA. 93036

CONSULTANT

SEAL

ISSUE FOR

DSA SUBMITTAL SET

ISSUE DATE

03/19/20

REVISIONS

NO.	REASON	DATE

PROJECT TEAM

PRINCIPAL IN CHARGE  
BB  
PROJECT MANAGER  
BB  
DESIGN TEAM  
SA, ML, VS, AT  
PROJECT NAME

PROJECT NO.

6121235307

SHEET TITLE

CONSTRUCTION  
PLAN

SHEET NUMBER

C3.4



MATCH LINE: SEE SHEET C3.4

MATCH LINE: SEE SHEET C3.3

CONSTRUCTION KEYNOTES  
(FURNISH & INSTALL):

1	SYNTHETIC TURF	1	1
2	ASPHALT PAVING WITH ALL-WEATHER TRACK SURFACING	1	1
3	SAND (REFER TO ARCHITECTURAL PLANS)	1	1
4	TRACK TRENCH DRAIN	1	1
5	HIGH JUMP (REFER TO ARCHITECTURAL PLANS)	1	1
6	LONG/TRIPLE JUMP (REFER TO ARCHITECTURAL PLANS)	1	1
7	SCOREBOARD (REFER TO ARCHITECTURAL PLANS)	1	1
8	NEW GOAL POST (REFER TO ARCHITECTURAL PLANS)	1	1
9	NEW 12" WIDE CURB WITH FENCE. SEE ARCHITECTURAL PLANS FOR ALL FENCING, GATES, AND POST EMBEDMENT DETAILS.	1	1
11	NEW 42" HIGH COURTESY RAIL, SEE DETAIL FOR MORE INFORMATION.	1	1
12	NEW GATEWAY STRUCTURE PER ARCHITECTURAL PLANS.	1	1
13	NEW 12" WIDE RETAINING WALL WITH FENCE (REFER TO ARCHITECTURAL PLANS FOR FENCING DETAILS).	1	1
14	NEW ACCESSIBLE PARKING SIGN WITH BOLLARD AND POST.	1	1
15	NEW LOADING/UNLOADING AISLE WITH BLUE PAINTED BORDERLINE AROUND THE PERIMETER. THE AREA WITHIN THE BLUE BORDERLINES SHALL BE MARKED WITH 45° HATCHED LINES A MAX. OF 36" O.C. IN A WHITE COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE. BLUE BORDER COLOR SHALL BE APPROXIMATELY TS 15090° IN FEDERAL STANDARD 595C.	1	1
16	NEW 4" WIDE BLUE PAINT (2 COATS). BLUE COLOR SHALL BE APPROXIMATELY TS 15090° IN FEDERAL STANDARD 595C.	1	1
17	NEW 36" X 36" INTERNATIONAL SYMBOL OF ACCESSIBILITY.	1	1
18	NEW 6" P.C.C. CURB. PAINT CURB BLUE (2 COATS). BLUE COLOR SHALL BE APPROXIMATELY TS 15090° IN FEDERAL STANDARD 595C.	1	1
20	NEW DETECTABLE WARNING SURFACE (WET SET TRUNCATED DOMES)	1	1
21	NEW LANDSCAPE AREA (SEE PLANTING AND IRRIGATION PLANS FOR DETAILS).	1	1
22	NEW "NO PARKING" WORDS IN 12" HIGH WHITE LETTERS.	1	1
23	RELOCATE EXISTING STORAGE CONTAINER TO NEW LOCATION SHOWN ON PLAN.	1	1
24	NEW FULL DEPTH ASPHALT PAVEMENT, MATCH ADJOINING PAVEMENT SECTION LIKE-FOR-LIKE.	1	1
25	NEW 12" WIDE MOW CURB WITH FENCE (SEE ARCHITECTURAL PLANS FOR FENCING DETAILS).	1	1
26	NEW "NO PARKING" AREA WITH RED PAINTED BORDERLINE AROUND THE PERIMETER. THE AREA WITHIN THE BORDERLINES SHALL BE MARKED WITH 45° HATCHED LINES A MAX. OF 36" O.C. IN A RED COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE.	1	1
27	NEW 6" WIDE P.C.C. CURB	1	1
28	ELECTRICAL JUNCTION BOX WITH ALL WEATHER TRACK MATERIAL LID (REFER TO ELECTRICAL PLANS). MATCHING TYPE, COLOR & MODEL OF EXISTING TRACK SURFACE. CONTRACTOR SHALL CONTACT BAYDON REP. FOR INFO. & SUBMIT OUT-SHEETS FOR REVIEW.	1	1
30	SALVAGED RAILING TO BE REINSTALLED AT ORIGINAL LOCATION.	1	1
31	NEW 12" TRENCH DRAIN, SEE STORM DRAIN PLANS FOR DETAILS	1	1
32	RELOCATE EXISTING STORAGE CONTAINER DURING CONSTRUCTION AND PLACE BACK AT ORIGINAL LOCATION ONCE CONSTRUCTION HAS BEEN COMPLETED.	1	1
33	REPAIR/REPLACE IN-FIELD MIX AS NEEDED TO ACCOMMODATE THE IMPROVEMENTS SHOWN ON THE GRADING AND STORM DRAIN PLAN. SEE SPECIFICATIONS FOR IN-FIELD MIX.	1	1
34	NEW RIP-RAP AREA, SEE STORM DRAIN PLANS FOR MORE INFORMATION.	1	1
35	PAINT NEW CURB RED (2 COATS).	1	1
36	REFRESH/RE-STRIPE (2 COATS) PAVEMENT MARKINGS, MATCH EXISTING LIKE-FOR-LIKE.	1	1
37	PAINT NEW DIRECTIONAL ARROW PAVEMENT MARKING (2 COATS), MATCH EXISTING LIKE-FOR-LIKE.	1	1

LEGEND:

	TRACK TRENCH DRAIN
	PERFORATED DRAIN CLEANOUT AT SYNTHETIC TURF
	SAND PIT CATCH BASIN
	JUNCTION BOX
	STORM DRAIN CLEAN-OUT
	GRATE INLET CATCH BASIN
	WATER VALVE/BOX
	REDUCED PRESSURE ZONE ASSEMBLY
	SEWER CLEAN-OUT
	STORM DRAIN MANHOLE

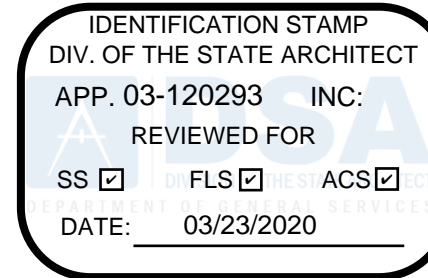
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AGENCY REVIEW



**LITTLE**  
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CLIENT NAME

**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

PROJECT NAME

**RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS**

**545 CENTRAL AVE.  
OXNARD, CA. 93036**

CONSULTANT



SEAL



ISSUE FOR

**DSA SUBMITTAL SET**

ISSUE DATE

**03/19/20**

REVISIONS

**NO.**

**REASON**

**DATE**

PROJECT TEAM

**PRINCIPAL IN CHARGE**

**BB**

**PROJECT MANAGER**

**BB**

**DESIGN TEAM**

**SA, ML, VS, AT**

**PROJECT NAME**

**RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS  
GATEWAY IMPROVEMENTS**

PROJECT NO.

**6121235307**

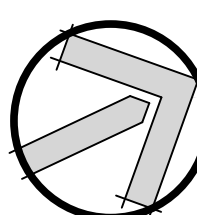
SHEET TITLE

**CONSTRUCTION  
PLAN**

SHEET NUMBER

**C3.5**

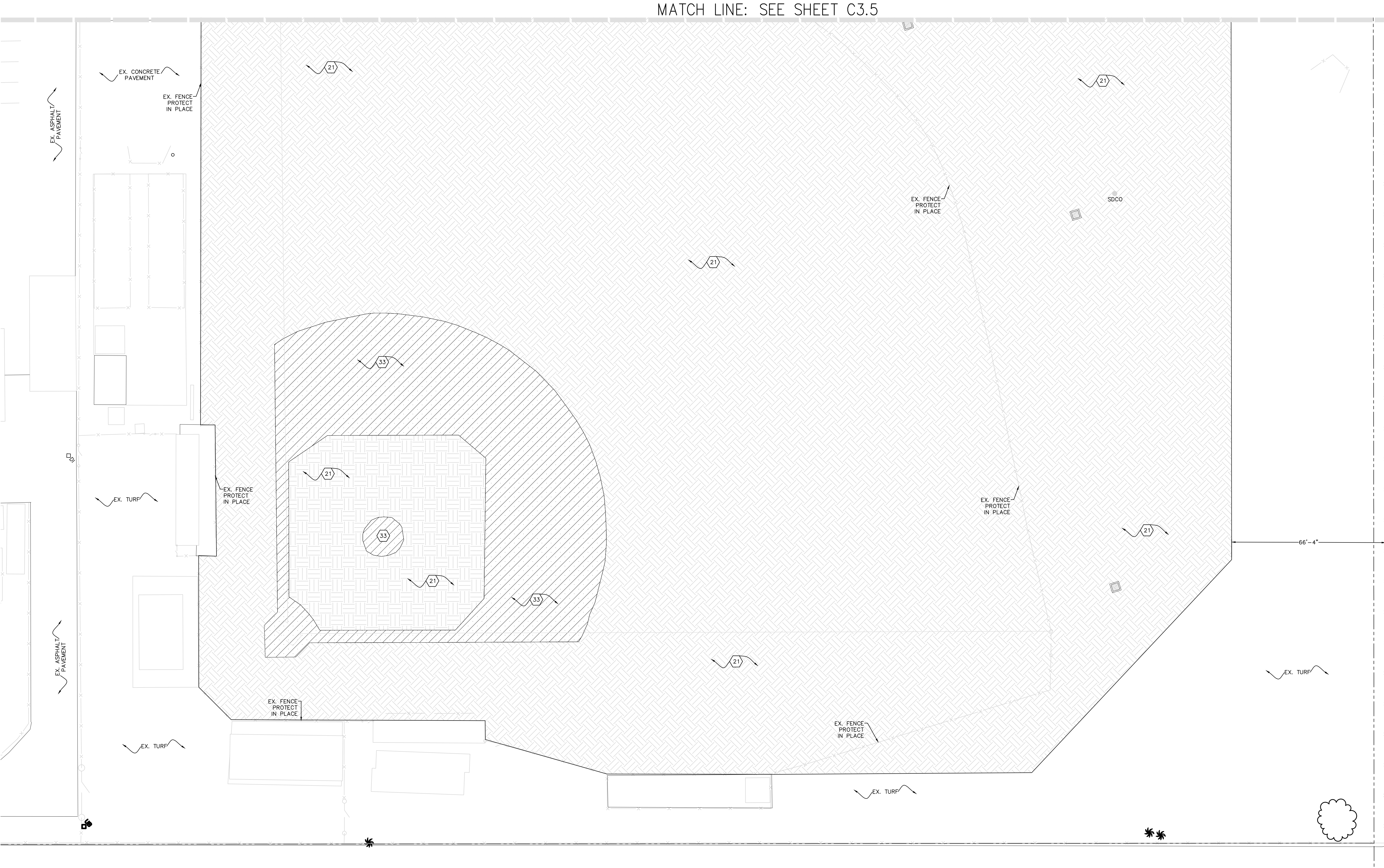
**NORTH**



SCALE=1"=20'







CONSTRUCTION KEYNOTES  
(FURNISH & INSTALL):

1	SYNTHETIC TURF	1	1
2	ASPHALT PAVING WITH ALL-WEATHER TRACK SURFACING	1	1
3	SAND (REFER TO ARCHITECTURAL PLANS)	2	1
4	TRACK TRENCH DRAIN	2	1
5	HIGH JUMP (REFER TO ARCHITECTURAL PLANS)	2	1
6	LONG/TRIPLE JUMP (REFER TO ARCHITECTURAL PLANS)	13	1
7	SCOREBOARD (REFER TO ARCHITECTURAL PLANS)	9	1
8	NEW GOAL POST (REFER TO ARCHITECTURAL PLANS)	2	1
9	NEW 12" WIDE CURB WITH FENCE. SEE ARCHITECTURAL PLANS FOR ALL FENCING, GATES, AND POST EMBEDMENT DETAILS.	19	1
11	NEW 42" HIGH COURTESY RAIL, SEE DETAIL FOR MORE INFORMATION.		
12	NEW GATEWAY STRUCTURE PER ARCHITECTURAL PLANS.	1	20
13	NEW 12" WIDE RETAINING WALL WITH FENCE (REFER TO ARCHITECTURAL PLANS FOR FENCING DETAILS)	1	1
14	NEW ACCESSIBLE PARKING SIGN WITH BOLLARD AND POST.	27	1
15	NEW LOADING/UNLOADING AISLE WITH BLUE PAINTED BORDERLINE AROUND THE PERIMETER. THE AREA WITHIN THE BLUE BORDERLINES SHALL BE MARKED WITH 45° HATCHED LINES A MAX. OF 36" O.C. IN A WHITE COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE. BLUE BORDER COLOR SHALL BE APPROXIMATELY 155090° IN FEDERAL STANDARD 595C.		
16	NEW 4" WIDE BLUE PAINT (2 COATS). BLUE COLOR SHALL BE APPROXIMATELY 155090° IN FEDERAL STANDARD 595C.	20	1
17	NEW 36" X 36" INTERNATIONAL SYMBOL OF ACCESSIBILITY.	20	1
18	NEW 6" P.C.C. CURB. PAINT CURB BLUE (2 COATS). BLUE COLOR SHALL BE APPROXIMATELY 155090° IN FEDERAL STANDARD 595C.	21	1
20	NEW DETECTABLE WARNING SURFACE (WET SET TRUNCATED DOMES)	18	1
21	NEW LANDSCAPE AREA (SEE PLANTING AND IRRIGATION PLANS FOR DETAILS).		
22	NEW "NO PARKING" WORDS IN 12" HIGH WHITE LETTERS.		
23	RELOCATE EXISTING STORAGE CONTAINER TO NEW LOCATION SHOWN ON PLAN.		
24	NEW FULL DEPTH ASPHALT PAVEMENT, MATCH ADJOINING PAVEMENT SECTION LIKE-FOR-LIKE.		
25	NEW 12" WIDE MOW CURB WITH FENCE (SEE ARCHITECTURAL PLANS FOR FENCING DETAILS).	9	1
26	NEW "NO PARKING" AREA WITH RED PAINTED BORDERLINE AROUND THE PERIMETER. THE AREA WITHIN THE BORDERLINES SHALL BE MARKED WITH 45° HATCHED LINES A MAX. OF 36" O.C. IN A RED COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE.		
27	NEW 6" WIDE P.C.C. CURB	33	1
28	ELECTRICAL JUNCTION BOX WITH ALL WEATHER TRACK MATERIAL LID (REFER TO ELECTRICAL PLANS). MATCHING TYPE, COLOR & MODEL OF EXISTING TRACK SURFACE. CONTRACTOR SHALL CONTACT BENTON REP. FOR INFO. & SUBMIT OUT-SHEETS FOR REVIEW.		
30	SALVAGED RAILING TO BE REINSTALLED AT ORIGINAL LOCATION.		
31	NEW 12" TRENCH DRAIN, SEE STORM DRAIN PLANS FOR DETAILS	26	1
32	RELOCATE EXISTING STORAGE CONTAINER DURING CONSTRUCTION AND PLACE BACK AT ORIGINAL LOCATION ONCE CONSTRUCTION HAS BEEN COMPLETED.		
33	REPAIR/REPLACE IN-FIELD MIX AS NEEDED TO ACCOMMODATE THE IMPROVEMENTS SHOWN ON THE GRADING AND STORM DRAIN PLAN. SEE SPECIFICATIONS FOR IN-FIELD MIX.		
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37	PAINT NEW DIRECTIONAL ARROW PAVEMENT MARKING (2 COATS), MATCH EXISTING LIKE-FOR-LIKE.	39	1

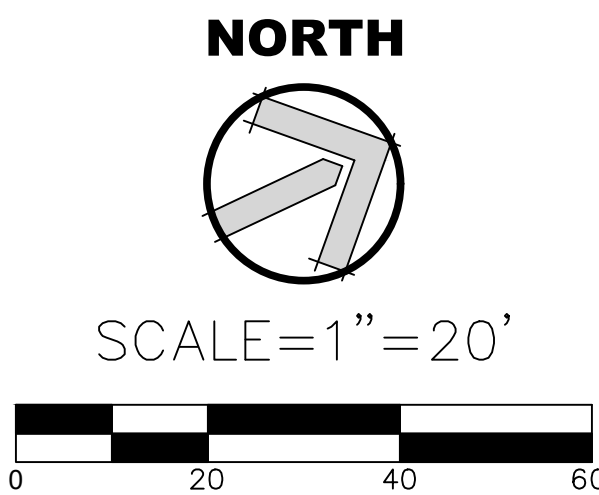
LEGEND:	
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Little 2019

**CLIENT NAME**

OXNARD UNION  
HIGH SCHOOL  
DISTRICT

**PROJECT NAME**

RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS

545 CENTRAL AVE.  
OXNARD, CA. 93036

**CONSULTANT**

**SEAL**

**ISSUE FOR**

DSA SUBMITTAL SET

**ISSUE DATE**

03/19/20

NO.	REASON	DATE

**PROJECT TEAM**

PRINCIPAL IN CHARGE  
BB  
PROJECT MANAGER  
BB  
DESIGN TEAM  
SA, ML, VS, AT  
PROJECT ENGINEER

**PROJECT NO.**

6121235307

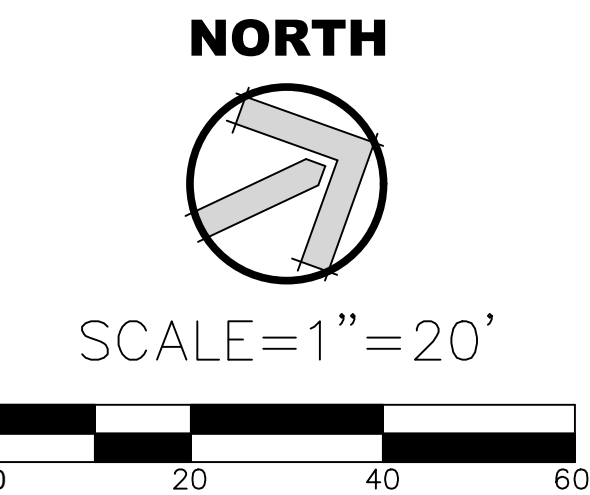
**SHEET TITLE**

CONSTRUCTION  
PLAN

**SHEET NUMBER**

C3.6





AGENCY REVIEW

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 03-120293 INC.  
REVIEWED FOR  
SS ☐ FLS ☐ ACS ☐  
DATE: 03/23/2020

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OXNARD, CA, 93036

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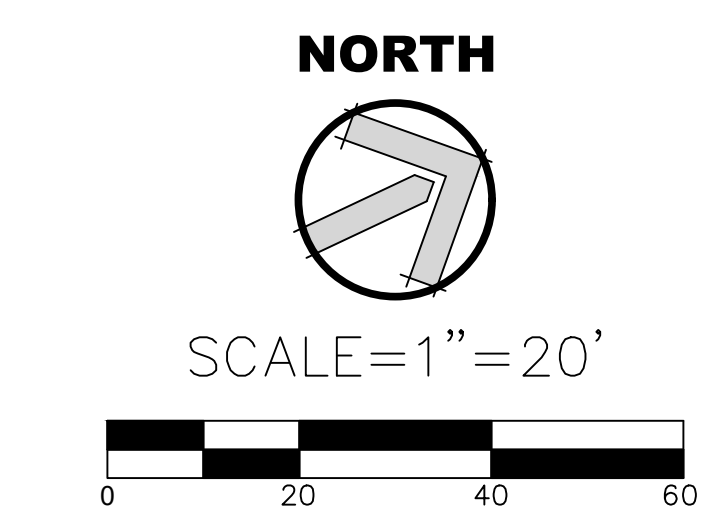
PROJECT TEAM  
PRINCIPAL IN CHARGE  
BB  
PROJECT MANAGER  
BB  
DESIGN TEAM  
SA, ML, VS, AT  
PROJECT NAME  
RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS  
GATEWAY IMPROVEMENTS

PROJECT NO.  
6121235307

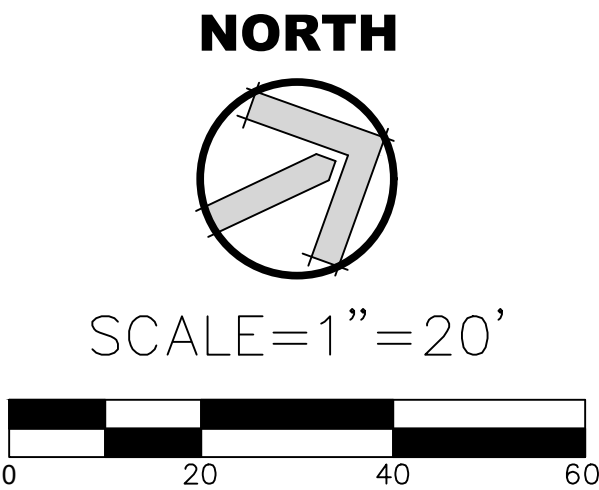
SHEET TITLE  
GRADING PLAN

SHEET NUMBER  
C4.0











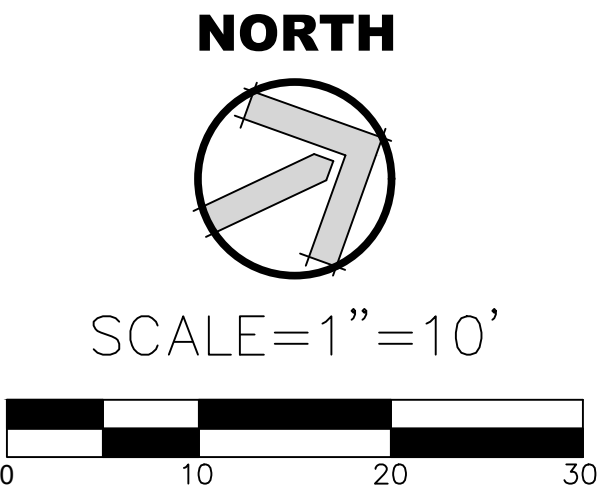
MATCH LINE: SEE SHEET 4.2

MATCH LINE: SEE SHEET 4.1

MATCH LINE: SEE SHEET 4.4

MATCH LINE: SEE SHEET 4.1

RIO MESA



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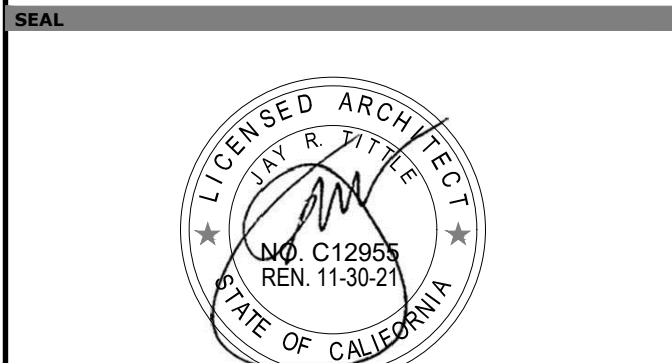
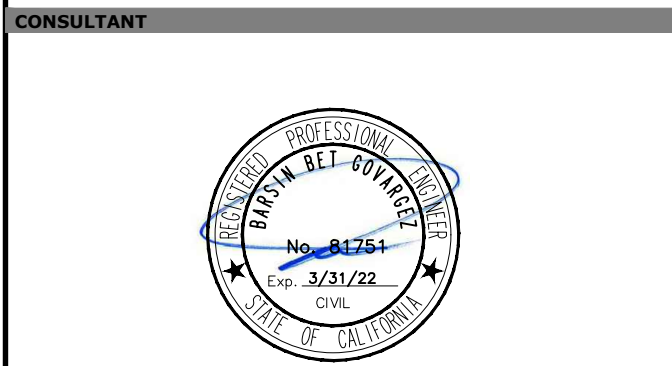
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GATEWAY IMPROVEMENTS

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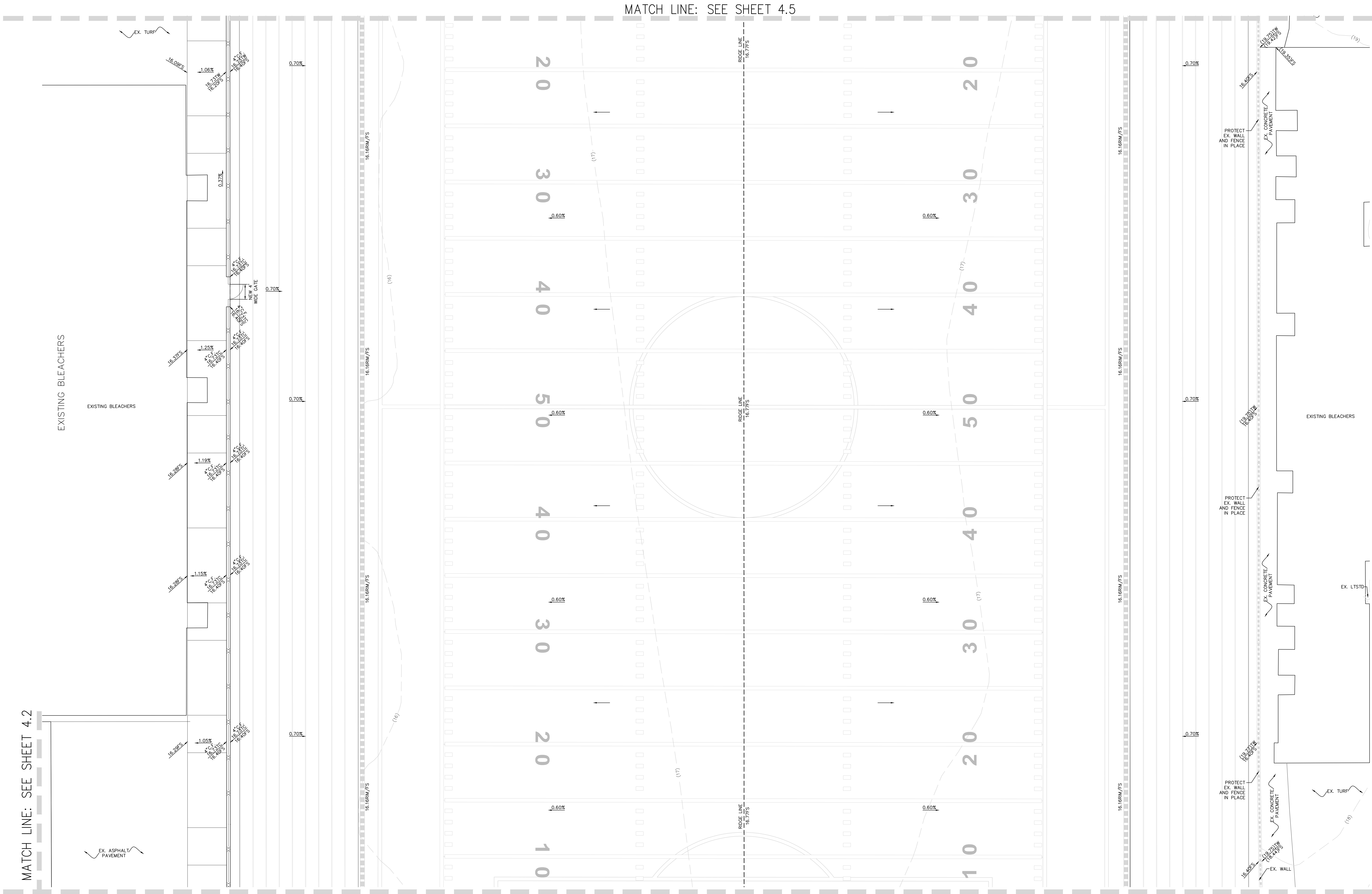
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GRADING PLAN

SHEET NUMBER

C4.3





MATCH LINE: SEE SHEET 4.2

MATCH LINE: SEE SHEET 4.1

MATCH LINE: SEE SHEET 4.5

MATCH LINE: SEE SHEET 4.3

NORTH

SCALE=1"=10'



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PROJECT NO.

6121235307

SHEET TITLE

GRADING PLAN

SHEET NUMBER

C4.4



MATCH LINE: SEE SHEET 4.6

MATCH LINE: SEE SHEET 4.6

MATCH LINE: SEE SHEET 4.4

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GATEWAY IMPROVEMENTS**

PROJECT NO.

6121235307

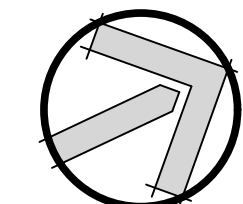
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GRADING PLAN

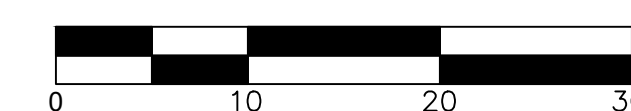
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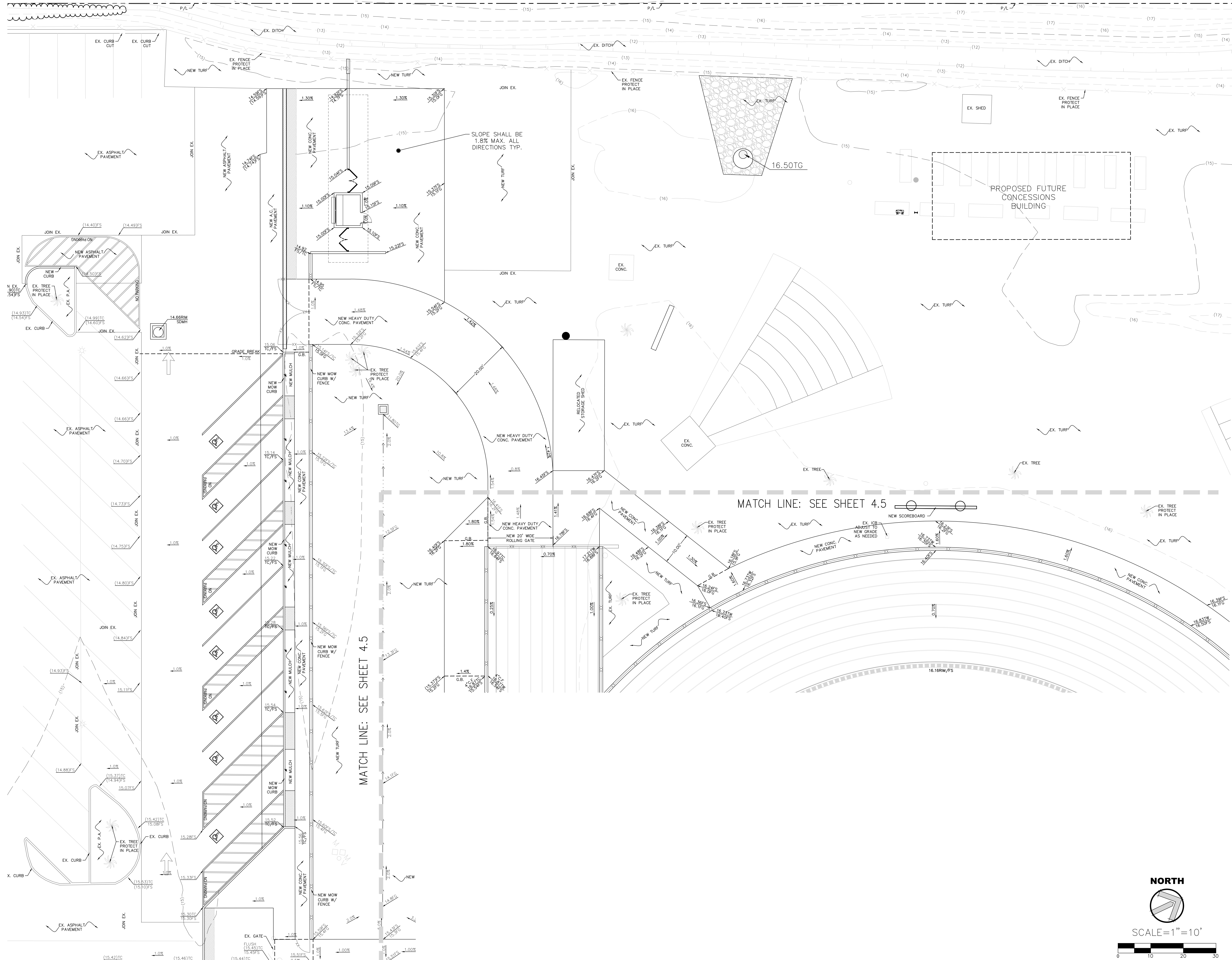
**NORTH**



SCALE=1"=10'







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545 CENTRAL AVE.  
OXNARD, CA. 93036

CONSULTANT

PROFESSIONAL SEAL

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REN. 11-30-21

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DESIGN TEAM

SA, ML, VS, AT

PROJECT NAME

RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS GATEWAY IMPROVEMENTS

PROJECT NO.

6121235307

SHEET TITLE

GRADING PLAN

SHEET NUMBER



C4.6



This technical drawing is a comprehensive site plan for a sewer system installation. Key elements include:

- Pipe Network:** A series of interconnected pipes shown with solid and dashed lines. Labels specify pipe types and slopes, such as "0.5% MIN. COLLECTOR PIPE" and "1.00% TRANSPORT PIPE".
- Elevation and Stationing:** Numerous numerical values indicating elevations (e.g., 112.73INV. TRA., 116.50TOP, COL.) and stationing points along the pipeline.
- Infrastructure Context:** The plan overlays the sewer layout onto an existing site map, showing streets, railroad tracks (RR), and building footprints.
- Topography and Landmarks:** Contour lines represent ground elevation, while tree symbols indicate existing vegetation. Specific landmarks like "12\" COVER 117.50Elev" are noted at manhole locations.
- Annotations:** Various notes provide additional context, including "TYP." (typical) and specific material or construction requirements.

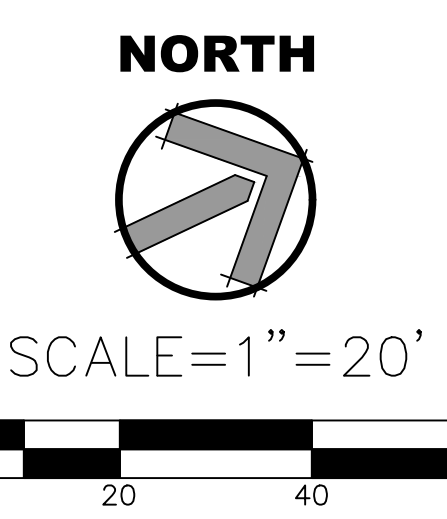
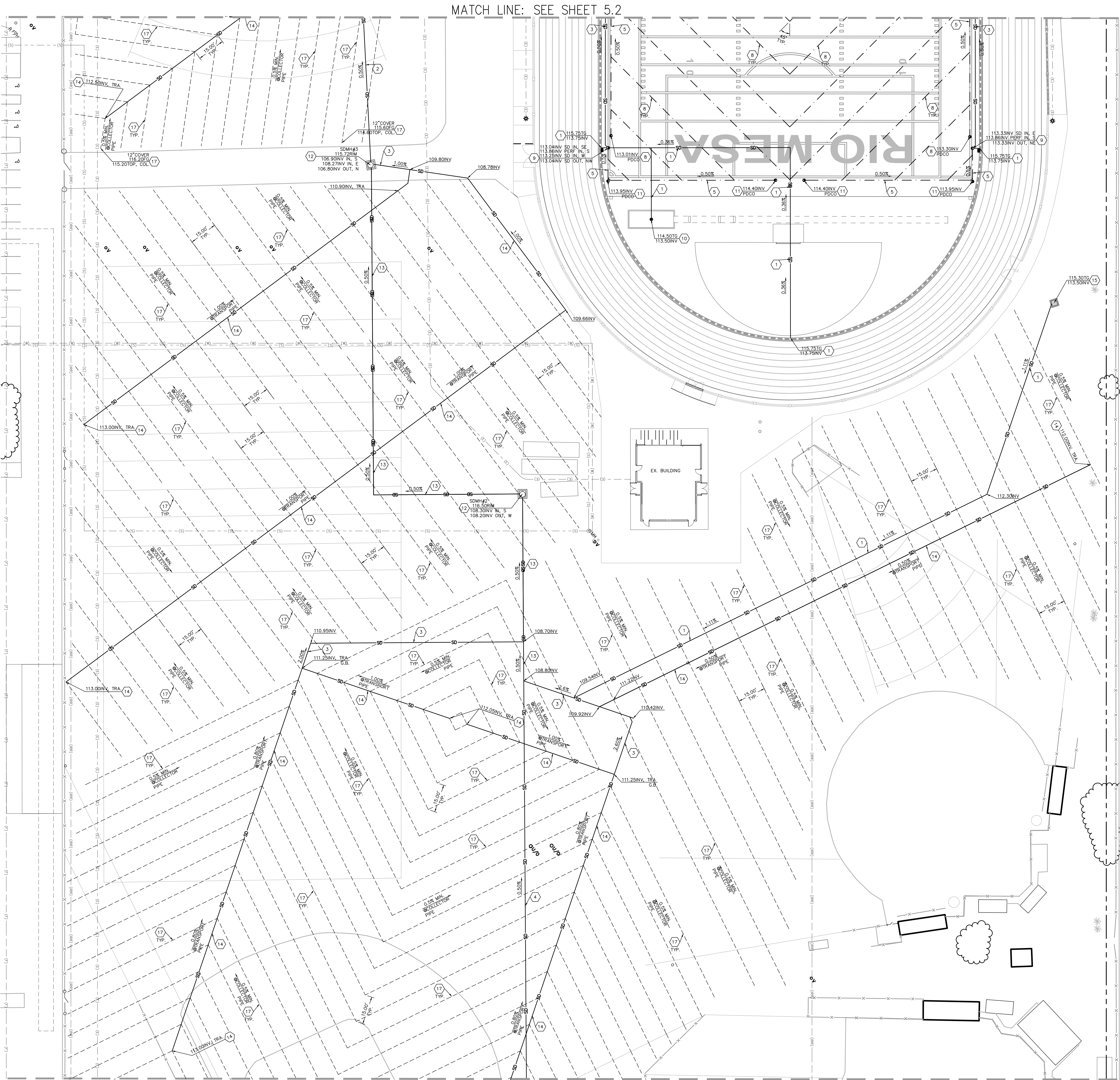
STORM DRAIN KEYNOTES:		
①	NEW 8" HDPE STORM DRAIN PIPE, ADS N-12 WITH WATER-TIGHT JOINTS OR APPROVED EQUAL.	
②	NEW 30" HDPE STORM DRAIN PIPE, ADS N-12 WITH WATER-TIGHT JOINTS OR APPROVED EQUAL.	
③	NEW 15" HDPE STORM DRAIN PIPE, ADS N-102 WITH WATER-TIGHT JOINTS OR APPROVED EQUAL.	
④	NEW 18" HDPE STORM DRAIN PIPE, ADS N-12 WITH WATER-TIGHT JOINTS OR APPROVED EQUAL.	
⑤	NEW 15" HDPE PERFORATED STORM DRAIN PIPE, ADS N-12 WITH WATER-TIGHT JOINTS OR APPROVED EQUAL.	
⑥	NEW STORM DRAIN CLEAN-OUT (SDCO)	⑥ SDCO
⑦	NEW TRENCH TRENCH DRAIN	⑦ TRENCH DRAIN
⑧	NEW FLAT PANEL DRAIN	⑧ FLAT PANEL DRAIN
⑨	NEW JUNCTION BOX (JB) PER DETAIL, 9"/12" OR NEW HYDROPLANET, INLINE DRAIN OR ENLINE DRAIN. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ENGINEER'S REVIEW AND APPROVAL, PRIOR TO ORDERING MATERIAL.	⑨ JB
⑩	NEW SAND PIT CATCH BASIN (SPCB) PER DETAIL, 15"/12" OR HYDROPLANET ENLINE DRAIN. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ENGINEER'S REVIEW AND APPROVAL, PRIOR TO ORDERING MATERIAL.	⑩ SPCB
⑪	NEW PERFORATED DRAIN CLEAN-OUT AT SYNTHETIC TURF (PDCO)	⑪ PDCO
⑫	NEW STORM DRAIN MANHOLE PIPE-TO-PIPE PER S.P.P.W.C. STD. PLAN NO. 321-2.	⑫ MANHOLE
⑬	NEW 24" HDPE STORM DRAIN PIPE, ADS N-12 WITH WATER-TIGHT JOINTS OR APPROVED EQUAL.	⑬ 24" HDPE
⑭	NEW 10" HDPE STORM DRAIN PIPE, ADS N-12 WITH WATER-TIGHT JOINTS OR APPROVED EQUAL.	⑭ 10" HDPE
⑮	NEW 36" SO. CONC. DRAIN INLET, BROOKS 36X36 WITH GLASS, STEEL, SLOTTED, SLOW, VANDAL-PROOF, REEL PROOF, H-10 RATED. ADA GRATE OR APPROVED EQUAL, WITH INLET OR OUTLET AS REQUIRED. INSTALL FLOWDRAIN GRATED INLET STYLE CATCH BASIN INSERT FILTER. MODULE NUMBER P20-36F. SEE DETAIL 24/212.	⑮ 36" INLET
⑯	NEW MAXWELL IV DRYWELL, WITH ADA COMPLIANT GRATE. BOLTED DOWN VANDAL PROOF. ROCK SHAFT DIAMETER = 6". SEE DETAIL 31"/C1.2". SEE PLAN FOR INLET AND OUTLET LOCATION AND ELEVATION. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ENGINEER'S REVIEW.	⑯ DRYWELL
⑰	NEW 6" MULTIPLE-FLUOR COLLECTOR PIPE. PROVIDE MINIMUM 1" FLANGE OVER THE PIPE AT ALL TIMES. THE DRAINAGE MEDIA SHALL BE SLOPED AT 0.5% MINIMUM.	⑰ 6" PIPE
⑱	NEW 6" THICK LAYER OF GRAVEL. 1" TO 3" SIZED WASHED RIVER ROCK. PLACE FILTER FABRIC UNDERNEATH (MRAFI 140N).	⑱ GRAVEL

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PROJECT NAME		
RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS		
545 CENTRAL AVE. OXNARD, CA. 93036		
CONSULTANT		
		
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PRINCIPAL IN CHARGE		
BB		
PROJECT MANAGER		
BB		
DESIGN TEAM		
SA, ML, VS, AT		
PROJECT NAME		
RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS GATEWAY IMPROVEMENTS		
PROJECT NO.		
6121235307		
SHEET TITLE		
STORM DRAIN PLAN		
SHEET NUMBER		
C5.0		



STORM DRAIN LEGEND: Table with 2 columns: Symbol and Description. Includes items like Solid Storm Drain Pipe, Perforated Storm Drain Pipe, Track Trench Drain, Flat Panel Drain, etc.

STORM DRAIN KEYNOTES: Table with 2 columns: Keynote Number and Description. Includes items like New 8" HDPE Storm Drain Pipe, New 30" HDPE Storm Drain Pipe, etc.

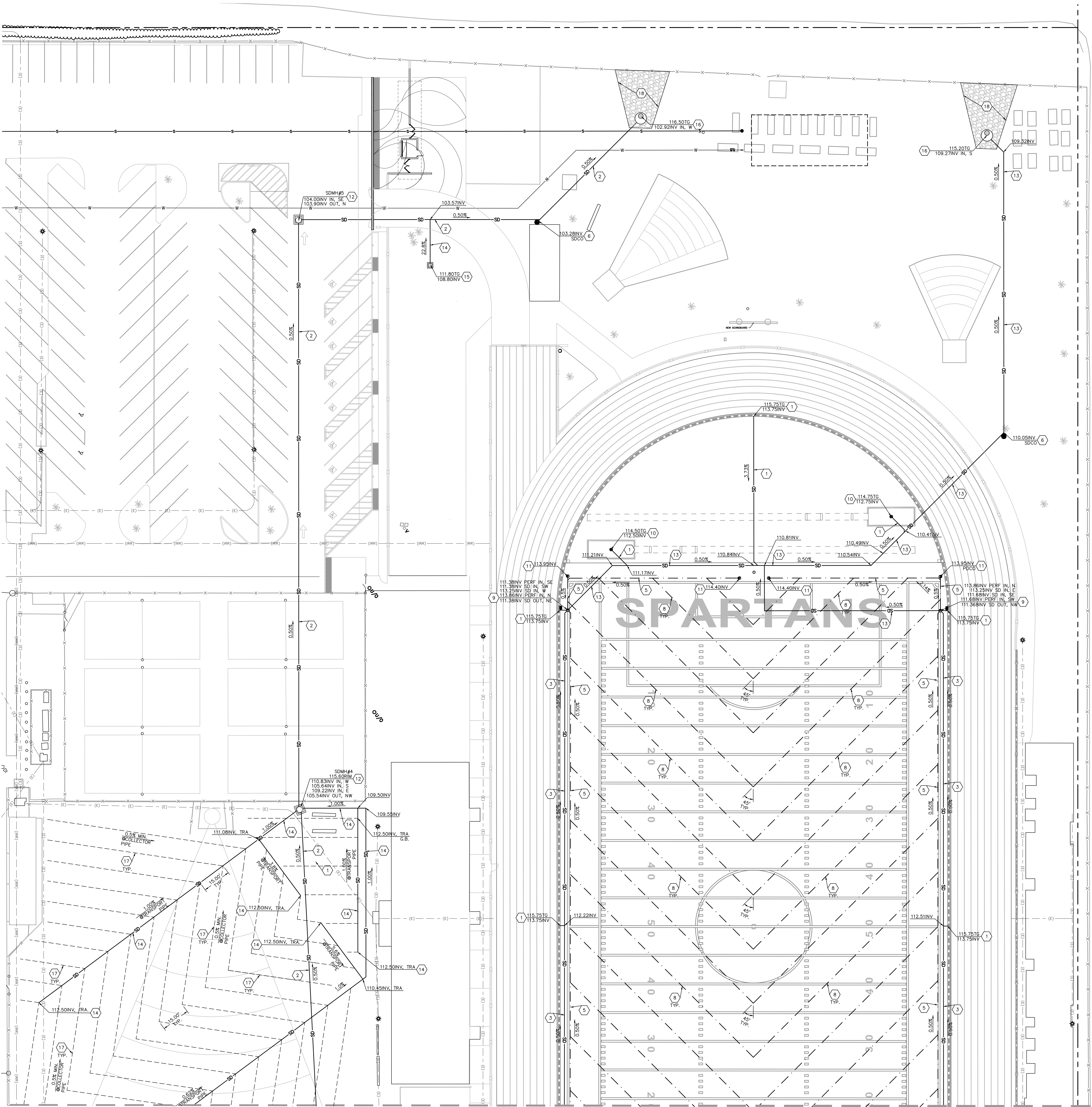


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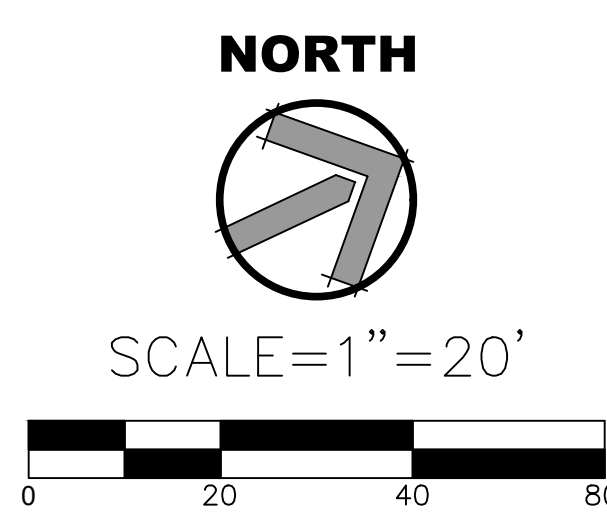


STORM DRAIN LEGEND:	
	SOLID STORM DRAIN PIPE
	PERFORATED STORM DRAIN PIPE
	TRACK TRENCH DRAIN
	FLAT PANEL DRAIN
	PDCO PERFORATED DRAIN CLEANOUT AT SYNTHETIC TURF
	SPCB SAND PIT CATCH BASIN
	JUNCTION BOX
	SDCO STORM DRAIN CLEAN-OUT
	GRATE INLET CATCH BASIN
	STORM DRAIN MANHOLE
	CHECK VALVE

STORM DRAIN KEYNOTES:	
1	NEW 8" HDPE STORM DRAIN PIPE, ADS N-12 WITH WATER-TIGHT JOINTS OR APPROVED EQUAL.
2	NEW 30" HDPE STORM DRAIN PIPE, ADS N-12 WITH WATER-TIGHT JOINTS OR APPROVED EQUAL.
3	NEW 15" HDPE STORM DRAIN PIPE, ADS N-12 WITH WATER-TIGHT JOINTS OR APPROVED EQUAL.
4	NEW 18" HDPE STORM DRAIN PIPE, ADS N-12 WITH WATER-TIGHT JOINTS OR APPROVED EQUAL.
5	NEW 15" HDPE PERFORATED STORM DRAIN PIPE, ADS N-12 WITH WATER-TIGHT JOINTS OR APPROVED EQUAL.
6	NEW STORM DRAIN CLEAN-OUT (SDCO)
7	NEW TRACK TRENCH DRAIN
8	NEW FLAT PANEL DRAIN
9	NEW JUNCTION BOX (JB) PER DETAIL '9/C1.1' OR NEW NYLOPLAST BASIN, NINE DRAIN OR ENGINE DRAIN, CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ENGINEER'S REVIEW AND APPROVAL PRIOR TO ORDERING MATERIAL.
10	NEW SAND PIT CATCH BASIN (SPCB) PER DETAIL '10/C1.1' OR NYLOPLAST ENGINE DRAIN, CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ENGINEER'S REVIEW AND APPROVAL PRIOR TO ORDERING MATERIAL.
11	NEW PERFORATED DRAIN CLEAN-OUT AT SYNTHETIC TURF (PDCO)
12	NEW STORM DRAIN MANHOLE PIPE-TO-PIPE PER S.P.P.W.C. STD. PLAN NO. 301-2.
13	NEW 24" HDPE STORM DRAIN PIPE, ADS N-12 WITH WATER-TIGHT JOINTS OR APPROVED EQUAL.
14	NEW 10" HDPE STORM DRAIN PIPE, ADS N-12 WITH WATER-TIGHT JOINTS OR APPROVED EQUAL.
15	NEW 36" SQ. CONC. DRAIN INLET, BROOKS 36X36 WITH GLAV. STEEL, SCREWED-DOWN, VANDAL-PROOF, HEEL PROOF, H-10 RATED, ADA GRATE OR APPROVED EQUAL WITH INLET OR OUTLET AS REQUIRED. INSTALL FLOWGUARD GRATED INLET STYLE CATCH BASIN INSERT FILTER. MODULE NUMBER FGP-36F. SEE DETAIL '24/C1.2'.
16	NEW MAXWELL IV DRYWELL WITH ADA COMPLIANT GRATE BOLTED DOWN VANDAL PROOF. ROCK SHAFT DIAMETER = 6". SEE DETAIL '31/C1.2'. SEE PLAN FOR INLET AND OUTLET LOCATION AND ELEVATION. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ENGINEER'S REVIEW.
17	NEW 6" MULTIFLOW COLLECTOR PIPE. PROVIDE MINIMUM 12" COVER OVER THE PIPE AT ALL TIMES. THE DRAINAGE MEDIA SHALL BE SLOPED AT 0.5% MINIMUM.
18	NEW 6" THICK LAYER OF GRAVEL, 1" TO 3" SIZED WASHED RIVER ROCK. PLACE FILTER FABRIC UNDERNEATH (MIRAFI 140N).



MATCH LINE: SEE SHEET 5.1



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CONSULTANT  
ARCHITECT & ENGINEER  
REGISTERED PROFESSIONAL  
ARCHITECT  
NO. C-12955  
REN. 11-30-21

SEAL  
LICENSED ARCHITECT  
M. C. 12955  
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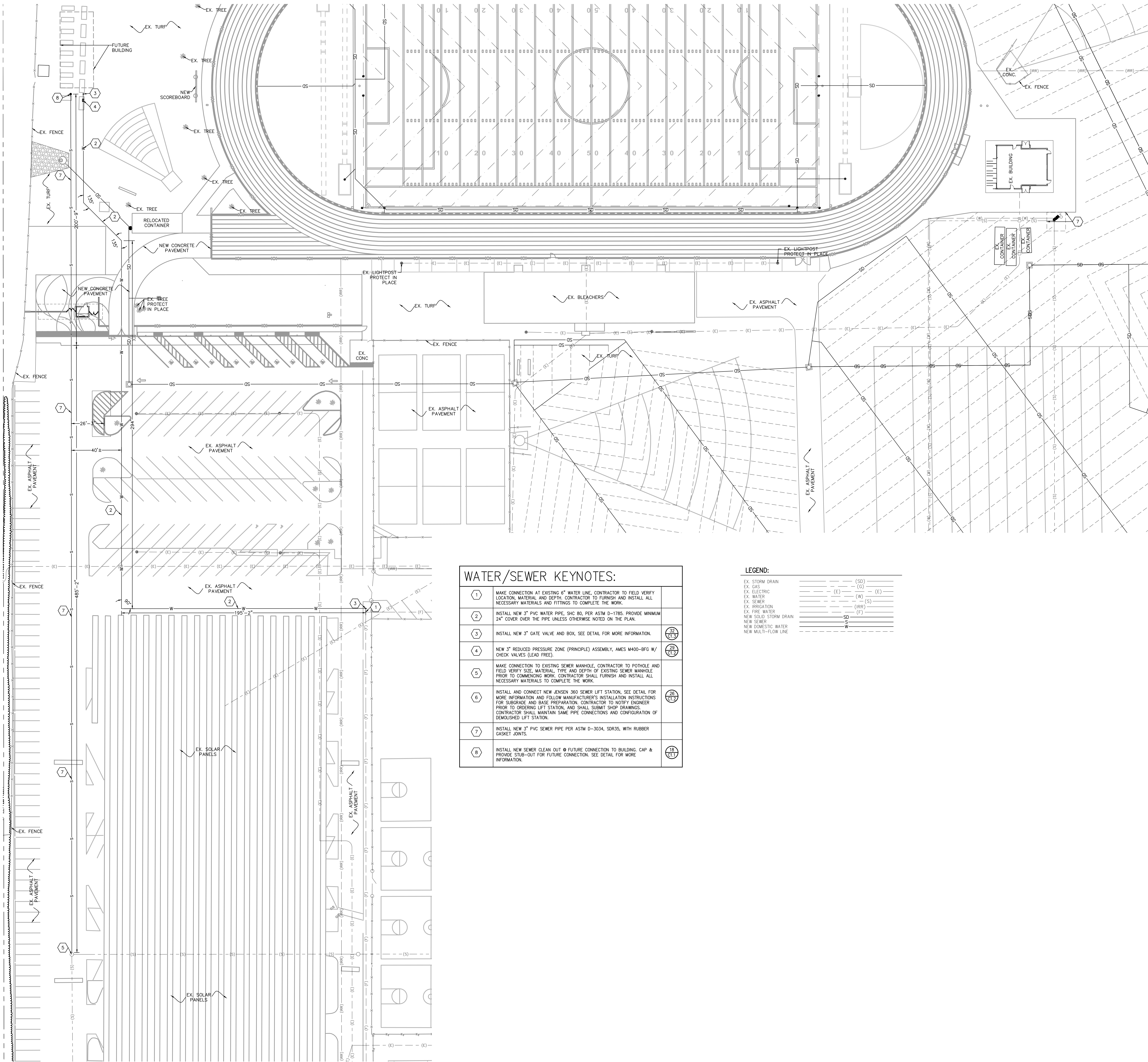
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SHEET TITLE  
STORM DRAIN  
PLAN

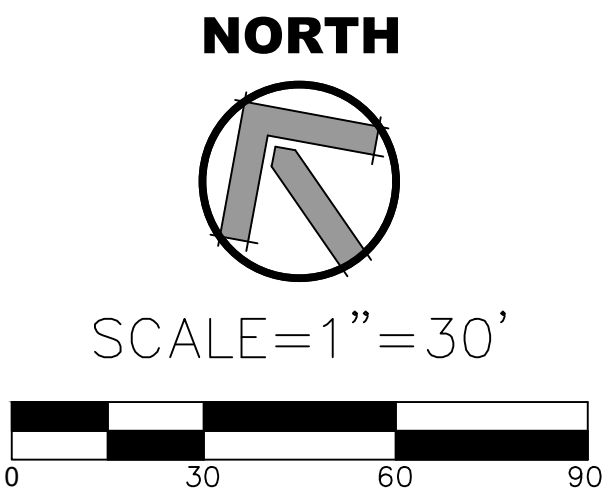
SHEET NUMBER  
C5.2





WATER/SEWER KEYNOTES:			
1	MAKE CONNECTION AT EXISTING 6" WATER LINE. CONTRACTOR TO FIELD VERIFY LOCATION, MATERIAL, AND DEPTH. CONTRACTOR TO FURNISH AND INSTALL ALL NECESSARY MATERIALS AND FITTINGS TO COMPLETE THE WORK.		
2	INSTALL NEW 3" PVC WATER PIPE, SHC 80, PER ASTM D-1785, PROVIDE MINIMUM 24" COVER OVER THE PIPE UNLESS OTHERWISE NOTED ON THE PLAN.		
3	INSTALL NEW 3" GATE VALVE AND BOX. SEE DETAIL FOR MORE INFORMATION.		
4	NEW 3" REDUCED PRESSURE ZONE (PRINCIPLE) ASSEMBLY, AMES M400-BFG W/ CHECK VALVES (LEAD FREE).		
5	MAKE CONNECTION TO EXISTING SEWER MANHOLE. CONTRACTOR TO POT-HOLE AND FIELD VERIFY SIZE, MATERIAL, TYPE AND DEPTH OF EXISTING SEWER MANHOLE PRIOR TO COMMENCING WORK. CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY MATERIALS TO COMPLETE THE WORK.		
6	INSTALL AND CONNECT NEW JENSEN 360 SEWER LIFT STATION. SEE DETAIL FOR MORE INFORMATION AND FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR SUBGRADE AND BASE PREPARATION. CONTRACTOR TO NOTIFY ENGINEER PRIOR TO ORDERING LIFT STATION, AND SHALL SUBMIT SHOP DRAWINGS. CONTRACTOR SHALL MAINTAIN SAME PIPE CONNECTIONS AND CONFIGURATION OF DEMOLISHED LIFT STATION.		
7	INSTALL NEW 3" PVC SEWER PIPE PER ASTM D-3034, SDR35, WITH RUBBER GASKET JOINTS.		
8	INSTALL NEW SEWER CLEAN OUT @ FUTURE CONNECTION TO BUILDING. CAP & PROVIDE STUB-OUT FOR FUTURE CONNECTION. SEE DETAIL FOR MORE INFORMATION.		

LEGEND:	
EX. STORM DRAIN	---
EX. GAS	---
EX. ELECTRIC	---
EX. WATER	---
EX. SEWER	---
EX. IRRIGATION	---
EX. FIRE WATER	---
NEW SOLID STORM DRAIN	---
NEW SEWER	---
NEW DOMESTIC WATER	---
NEW MULTI-FLOW LINE	---



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OXNARD UNION  
HIGH SCHOOL  
DISTRICT

PROJECT NAME  
RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS

545 CENTRAL AVE.  
OXNARD, CA. 93036

CONSULTANT

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ISSUE FOR  
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ISSUE DATE  
03/19/20

REVISIONS  
NO. REASON DATE

PROJECT TEAM  
PRINCIPAL IN CHARGE  
BB  
PROJECT MANAGER  
BB  
DESIGN TEAM  
SA, ML, VS, AT  
PROJECT NAME  
RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS  
GATEWAY IMPROVEMENTS

PROJECT NO.  
6121235307

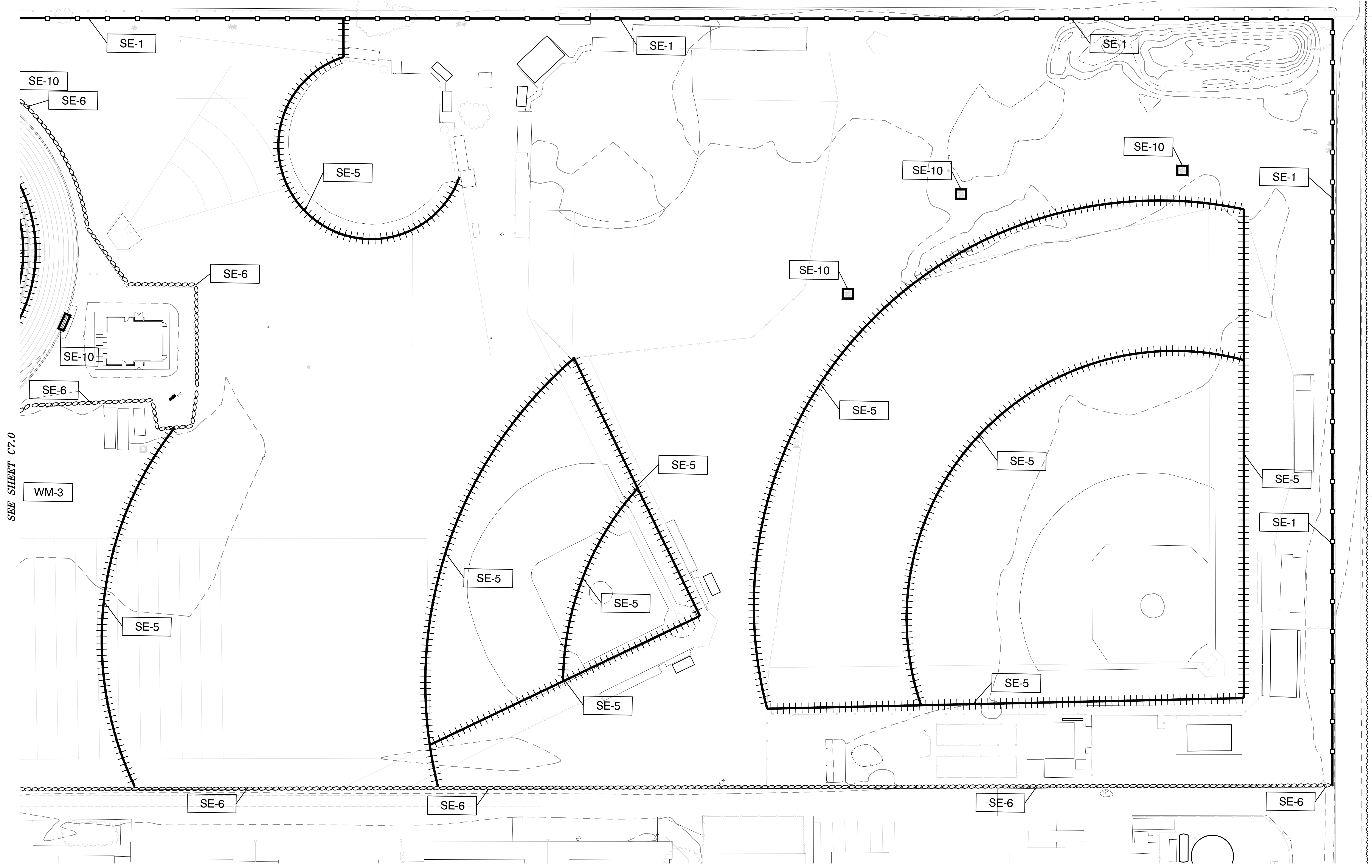
SHEET TITLE  
WATER & SEWER  
PLAN

SHEET NUMBER  
C6.0



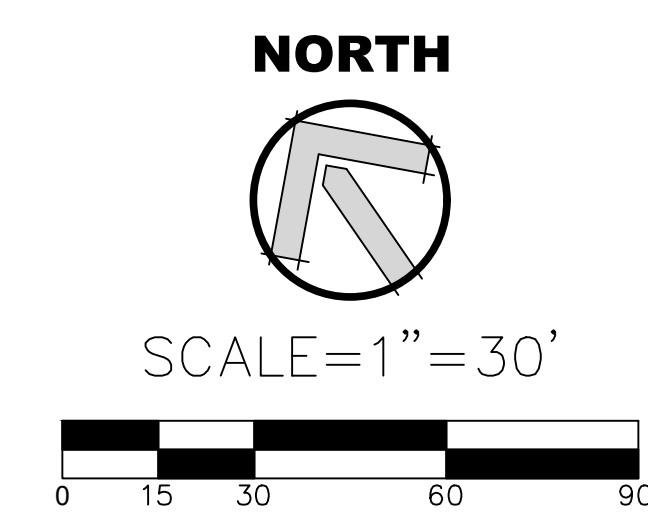






SEE SHEET C7.0

REFER TO SHEET C6.0 FOR ALL  
NOTES AND DETAILS PERTAINING  
TO EROSION CONTROL PLAN



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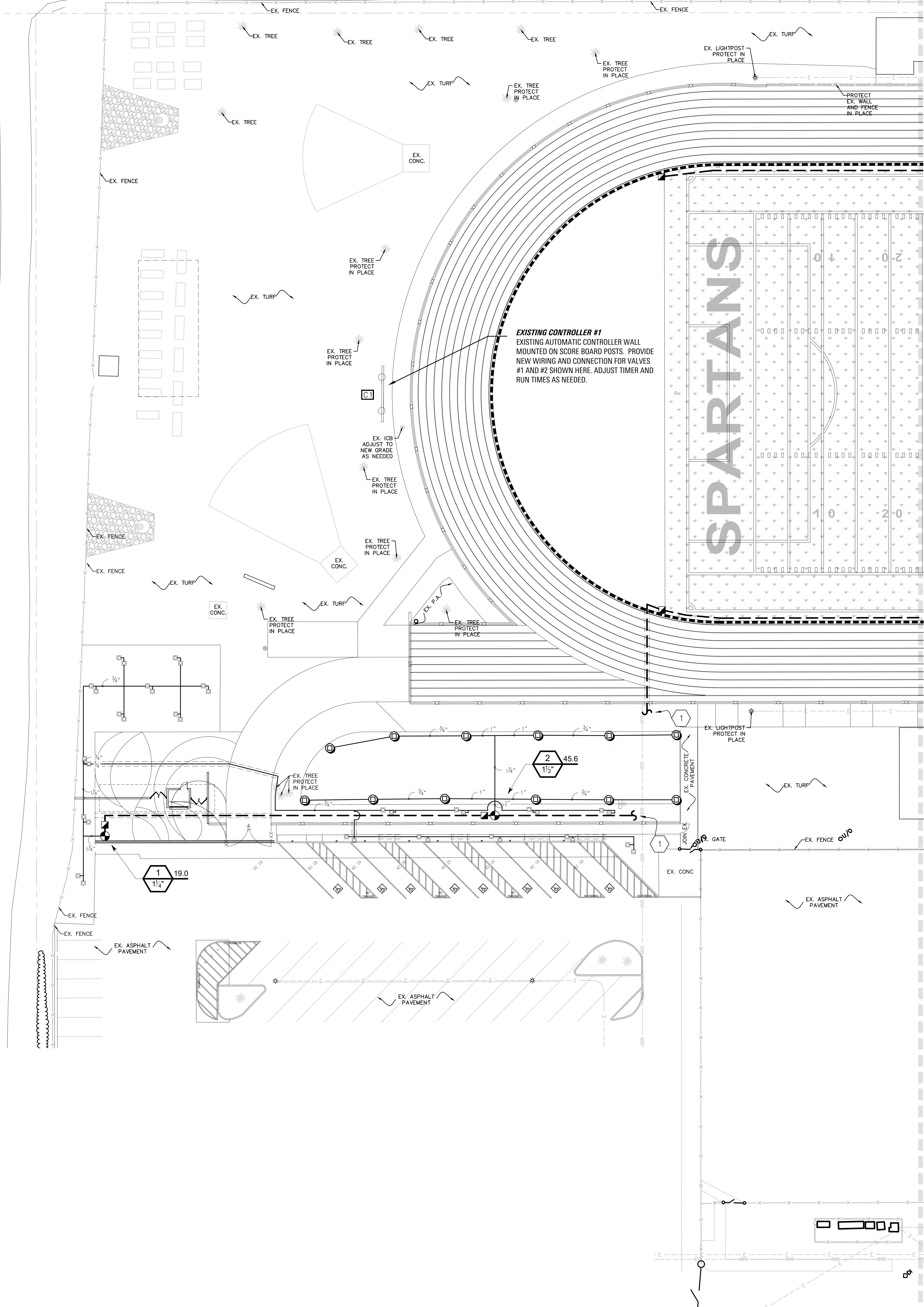
SHEET TITLE

EROSION CONTROL  
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C7.1





MATCH LINE: SEE SHEET L1.1

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## IRRIGATION KEYNOTES:

- 1 CONNECT TO EXISTING IRRIGATION LINE – COMPLETE EXISTING LOOP VERIFY EXACT LOCATION IN THE FIELD.
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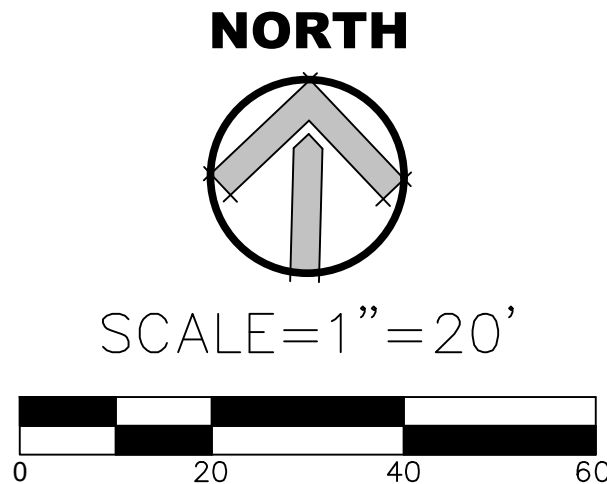
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**\*\* SEE IRRIGATION LEGEND, SHEET L2.0 FOR ALL REQUIRED PARTS AND MATERIALS AS DEPICTED HERE. \*\***



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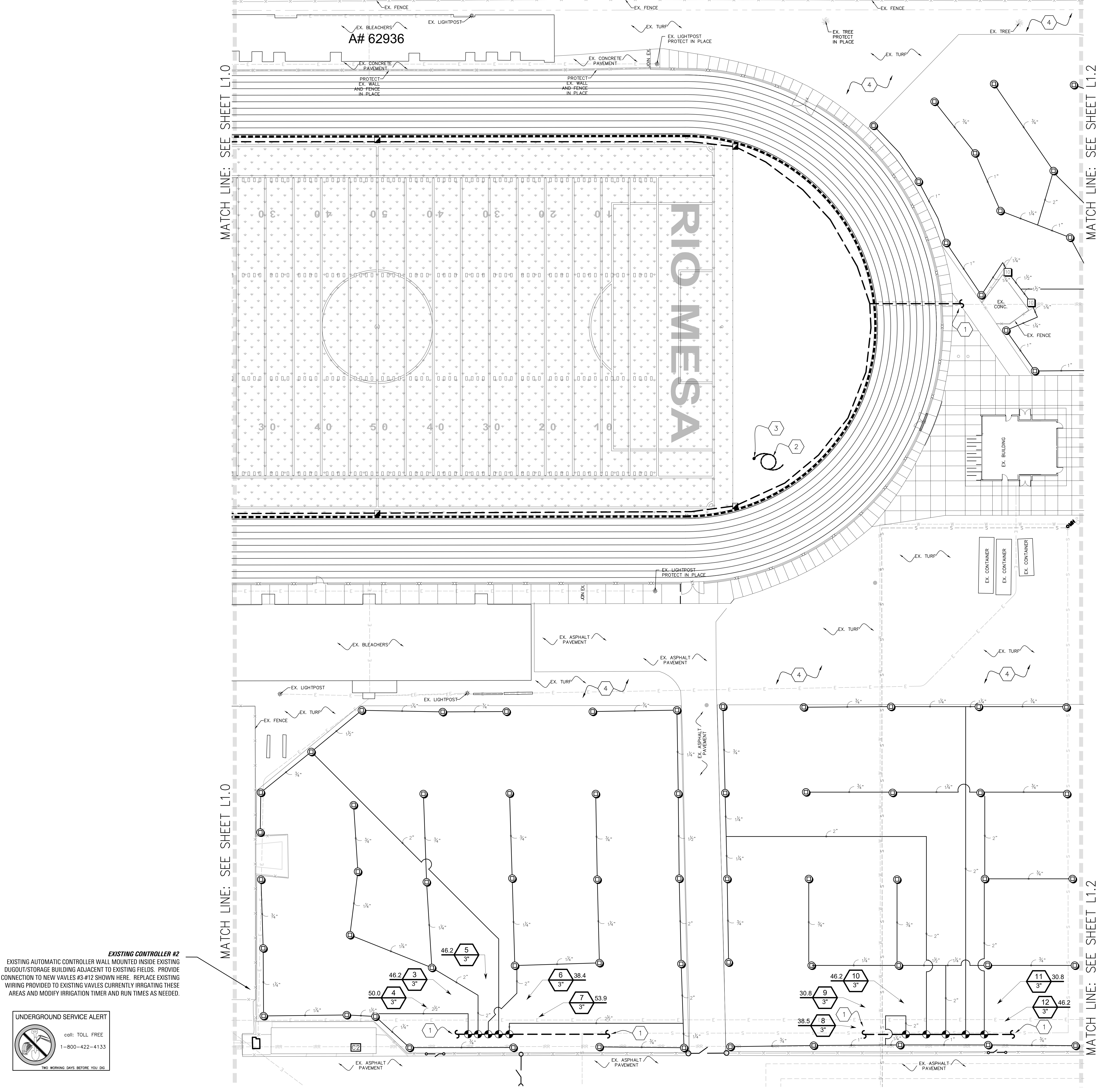
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GATEWAY IMPROVEMENTS

PROJECT NO.  
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SHEET TITLE  
IRRIGATION PLAN

SHEET NUMBER  
L1.0





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SCALE=1"=20'



**EXISTING CONTROLLER #2**  
EXISTING AUTOMATIC CONTROLLER WALL MOUNTED INSIDE EXISTING DUGOUT/STORAGE BUILDING ADJACENT TO EXISTING FIELDS. PROVIDE CONNECTION TO NEW VAVLES #3-#12 SHOWN HERE. REPLACE EXISTING WIRING PROVIDED TO EXISTING VAVLES CURRENTLY IRRIGATING THESE AREAS AND MODIFY IRRIGATION TIMER AND RUN TIMES AS NEEDED.



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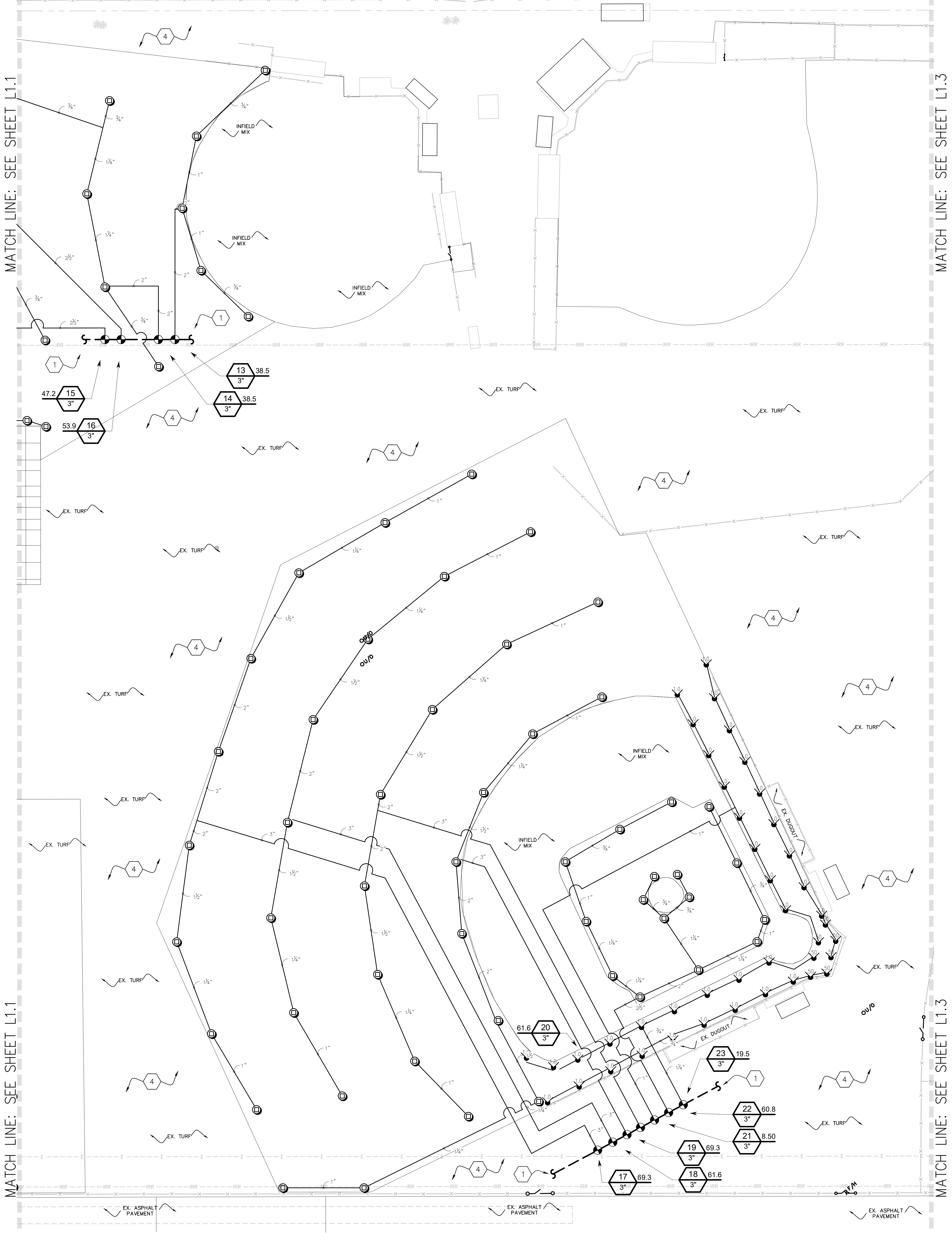
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GATEWAY IMPROVEMENTS

PROJECT NO.  
6121235307

SHEET TITLE  
IRRIGATION PLAN

SHEET NUMBER  
**L1.1**





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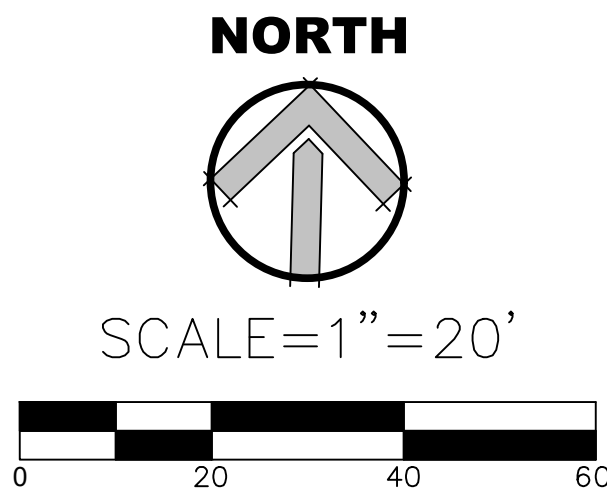
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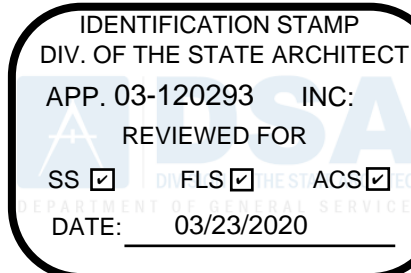
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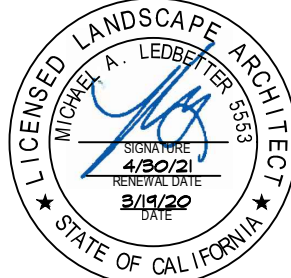
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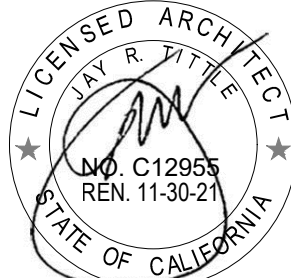
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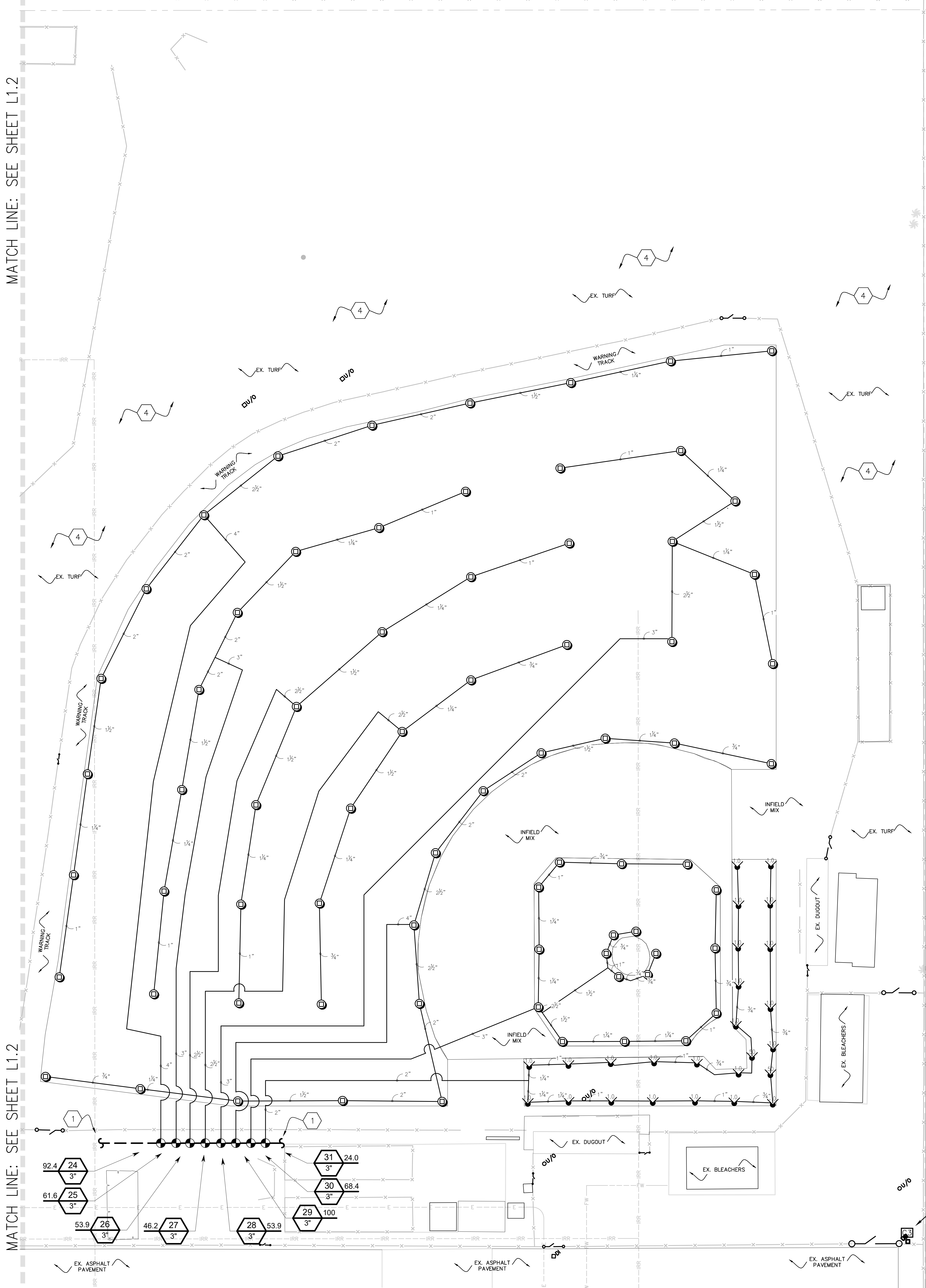
SHEET TITLE

IRRIGATION PLAN

SHEET NUMBER

**L1.2**





MATCH LINE: SEE SHEET L1.2

MATCH LINE: SEE SHEET L1.2



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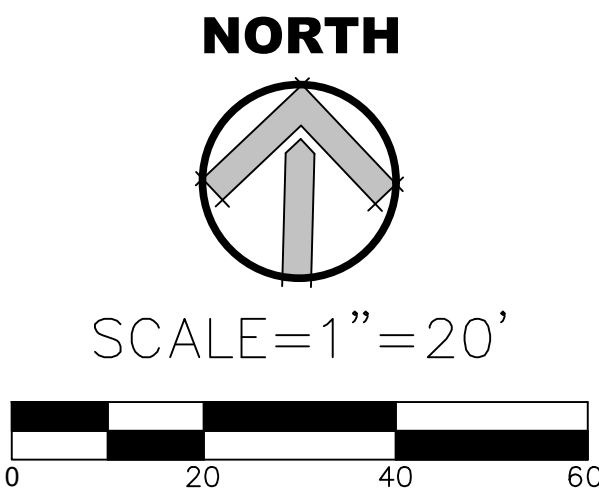
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FOR GRAPHIC CLARITY ONLY. ALL MAINLINE, SLEEVING, VALVES, ETC.  
SHALL BE INSTALLED WITHIN THE LIMIT OF WORK AND LOCATED IN  
LANDSCAPE AREAS WHERE EVER POSSIBLE. CONTRACTOR WILL BE  
EXPECTED TO MAKE ADJUSTMENTS IN THE FIELD TO AVOID CONFLICTS  
WITH PROPOSED PLANTING AND ARCHITECTURAL IMPROVEMENTS.
7. CONTRACTOR SHALL INSTALL ALL PIPE UNDER PAVED AREAS  
(HARDSCAPE, PARKING LOTS, ETC.) INSIDE SLEEVING AS SHOWN ON THE  
LEGEND AND SPECIFICATIONS. INSTALL PER DETAILS PROVIDED. AT A  
MINIMUM, SLEEVES ARE TO BE 2X THE DIAMETER OF THE PIPE OR WIRE  
BUNDLE CARRIED. SLEEVES SHALL EXTEND 6" MIN. PAST THE EDGE OF  
PAVED AREAS ABOVE.
8. IRRIGATION HEADS SHALL BE INSTALLED WITH THE NOZZLE, SCREEN,  
AND ARCS SHOWN ON THE LEGEND. CONTRACTOR IS EXPECTED TO  
PERFORM MINOR ADJUSTMENTS IN THE FIELD TO LIMIT THE AMOUNT OF  
OVER-SPRAY ONTO ANY HARDSCAPE ELEMENT. WHERE OCCURS, AND  
AT NO ADDITIONAL COST TO THE OWNER, CONTRACTOR IS HEREBY  
DIRECTED TO REPLACE NOZZLES, SCREENS, ETC. WITH MORE  
APPROPRIATE RADIUS EQUIPMENT TO BETTER FIT ACTUAL FIELD  
CONDITIONS ENCOUNTERED.
9. ALL NEW RCV'S SHOWN SHALL BE CONNECTED TO NEAREST EXISTING  
IRRIGATION CONTROLLERS ON-SITE WHERE OCCURS. VERIFY  
LOCATIONS IN THE FIELD AND CONNECT TO EXISTING WIRES.

## SPECIAL REQUIREMENT:

EXISTING IRRIGATION BEING SERVED DOWNSTREAM OF THIS  
PROJECT WILL BE INTERRUPTED BY THIS WORK.  
CONTRACTOR SHALL PROVIDE AN ALLOWANCE TO SUPPLY  
TEMPORARY IRRIGATION SERVICE (VIA WATER TRUCK) FOR  
THE DURATION OF SERVICE INTERRUPTION. ENSURE  
REGULAR IRRIGATION OPERATIONS OCCUR AND HEALTH  
AND VIGOR OF EXISTING LANDSCAPE AREAS SERVED BY  
DOWNSTREAM MAINLINE ARE MAINTAINED. CONTRACTOR  
WILL BE RESPONSIBLE TO REPLACE EXISTING LANDSCAPE  
PLANTINGS DAMAGED DUE TO LACK OF IRRIGATION WATER  
DURING CONSTRUCTION OPERATIONS.

**EXISTING CONTROLLER #3**  
EXISTING AUTOMATIC CONTROLLER INSTALLED INSIDE STAINLESS  
STEEL ENCLOSURE. PROVIDE CONNECTION TO NEW VALVES #13-#31  
SHOWN ON SHEETS L1.2 & L1.3. REPLACE EXISTING WIRING PROVIDED  
TO EXISTING VALVES CURRENTLY IRRIGATING THESE AREAS AND  
MODIFY IRRIGATION TIMER AND RUN TIMES AS NEEDED.

**\*\* SEE IRRIGATION LEGEND, SHEET L2.0  
FOR ALL REQUIRED PARTS AND  
MATERIALS AS DEPICTED HERE. \*\***



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CLIENT NAME  
Little 2019

**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

PROJECT NAME  
RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS

545 CENTRAL AVE.  
OXNARD, CA. 93036

CONSULTANT

SEAL

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ISSUE DATE  
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REVISIONS  

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PROJECT TEAM  
PRINCIPAL IN CHARGE  
BB  
PROJECT MANAGER  
ML  
DESIGN TEAM  
ML

PROJECT NAME  
RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS  
GATEWAY IMPROVEMENTS

PROJECT NO.  
6121235307

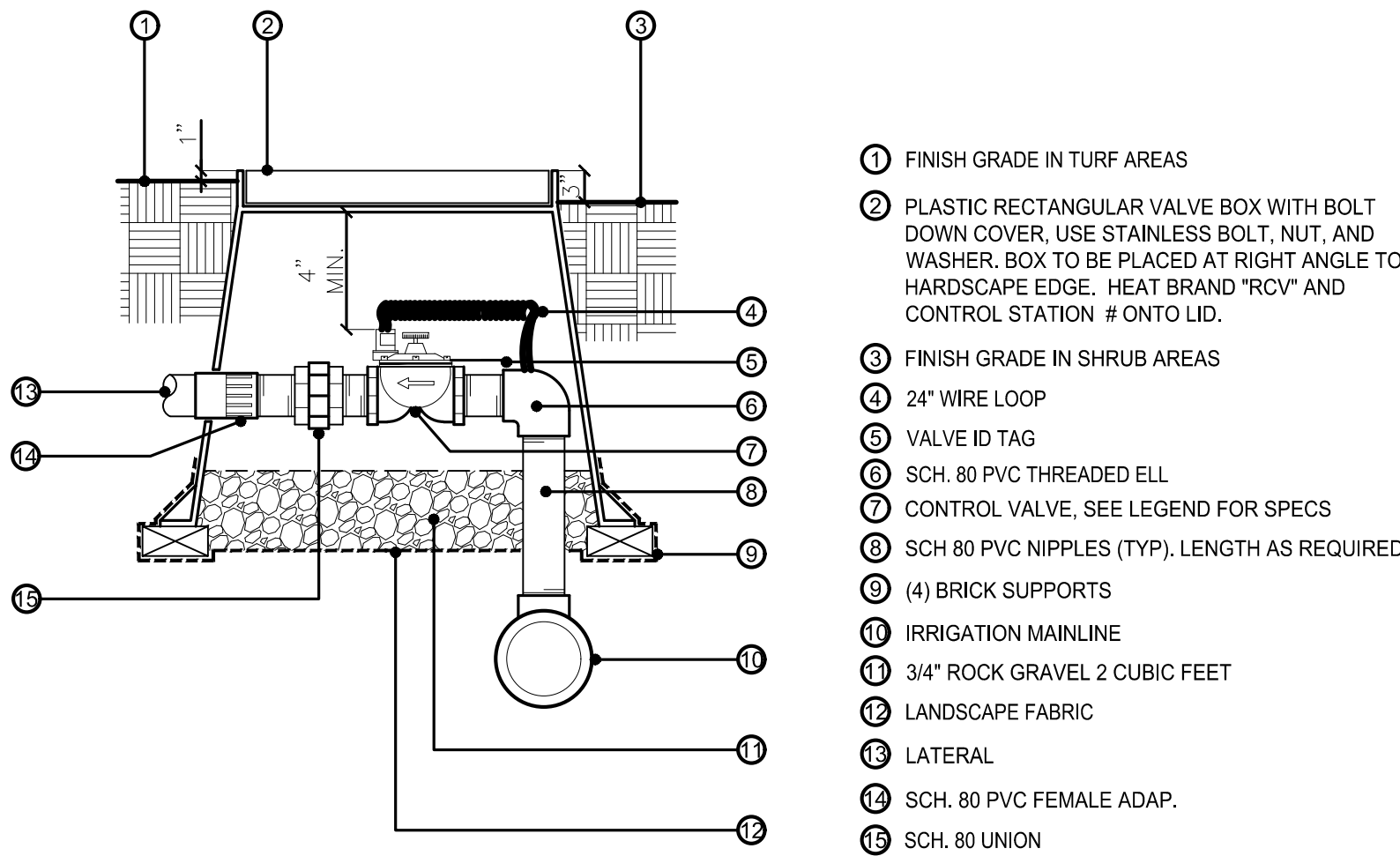
SHEET TITLE  
IRRIGATION PLAN

SHEET NUMBER  
L1.3





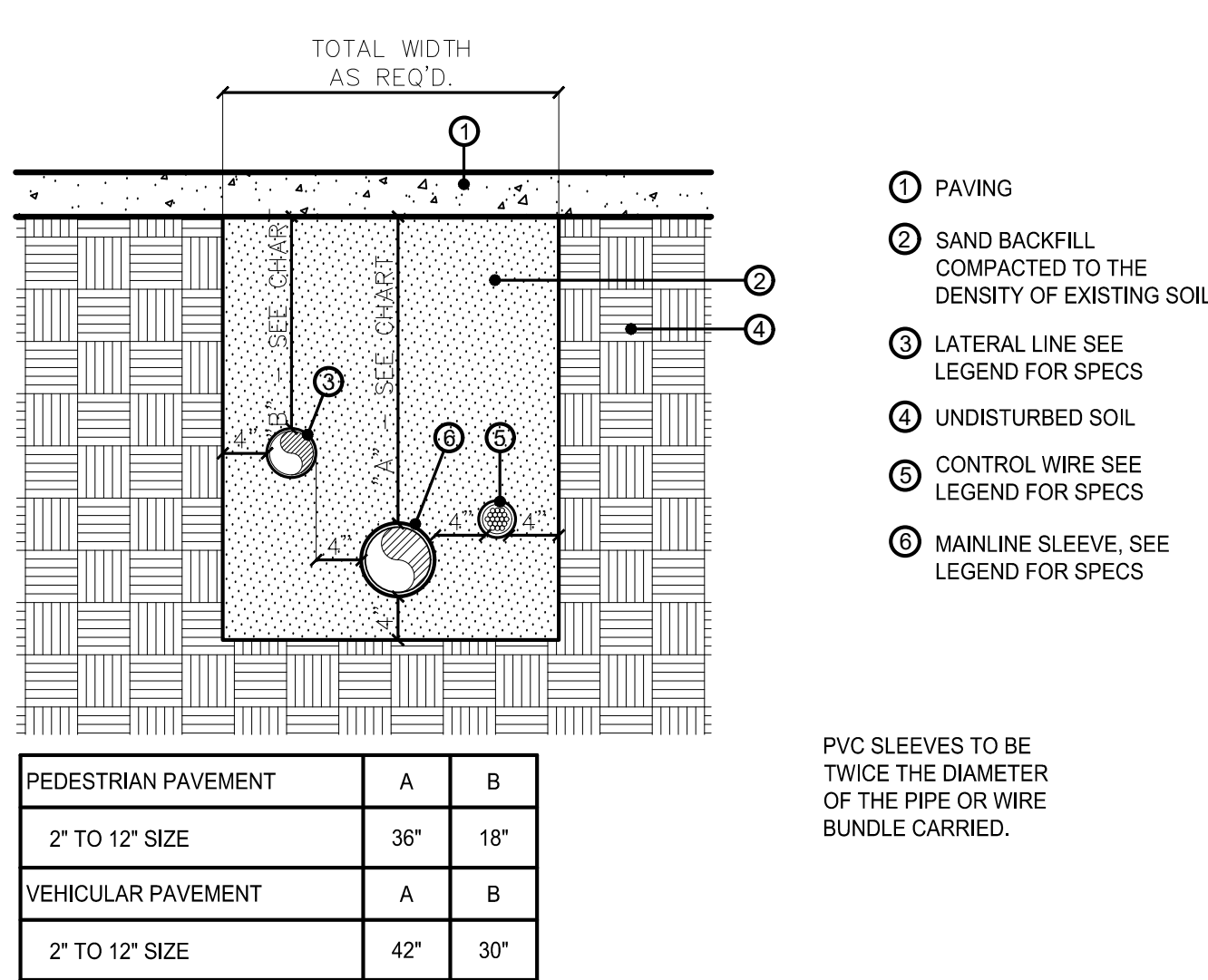




NOTES:  
 a. ALL THREADED CONNECTIONS TO HAVE TEFLON TAPE OR PASTE.

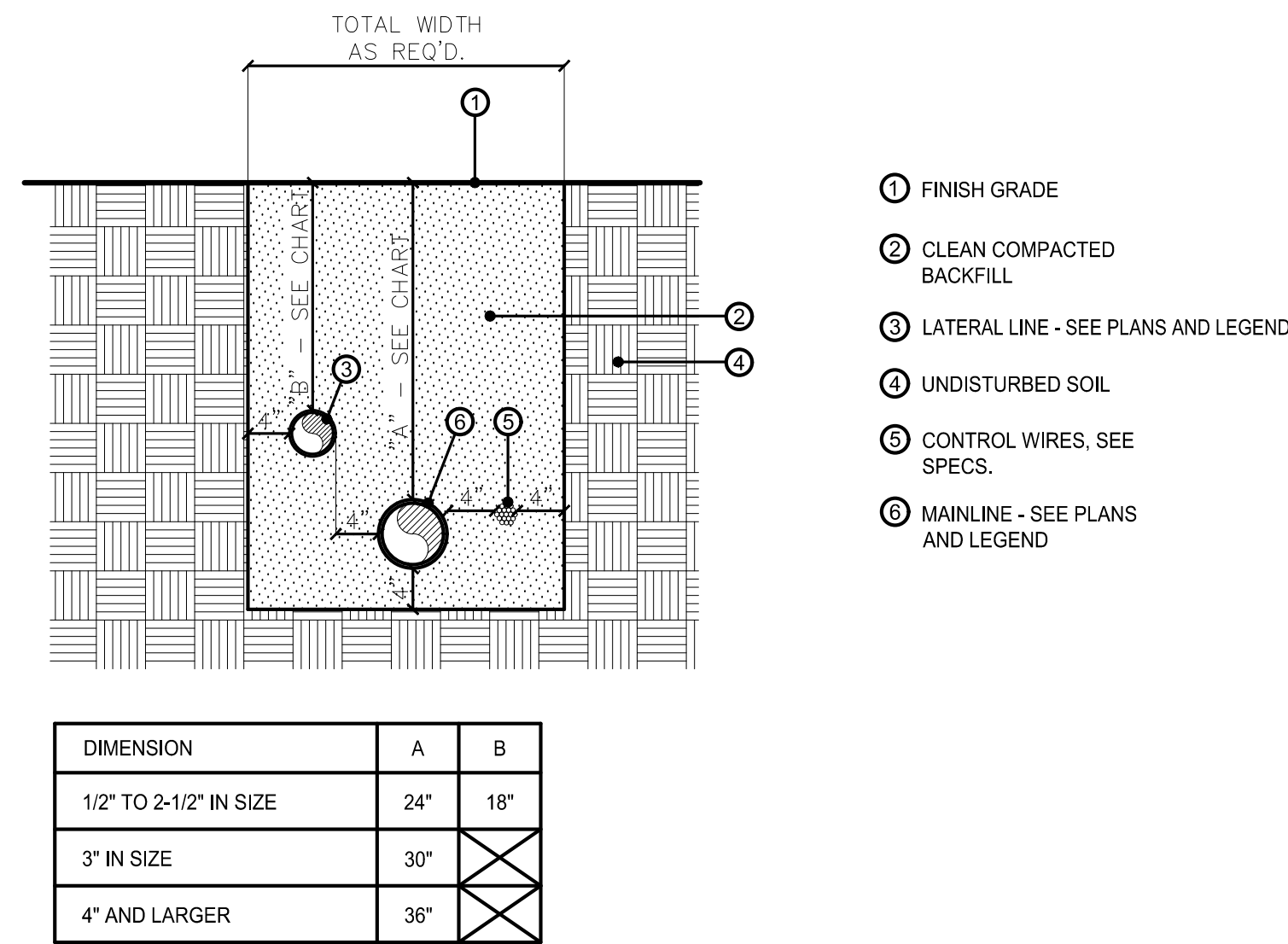
## E REMOTE CONTROL VALVE

N.T.S.



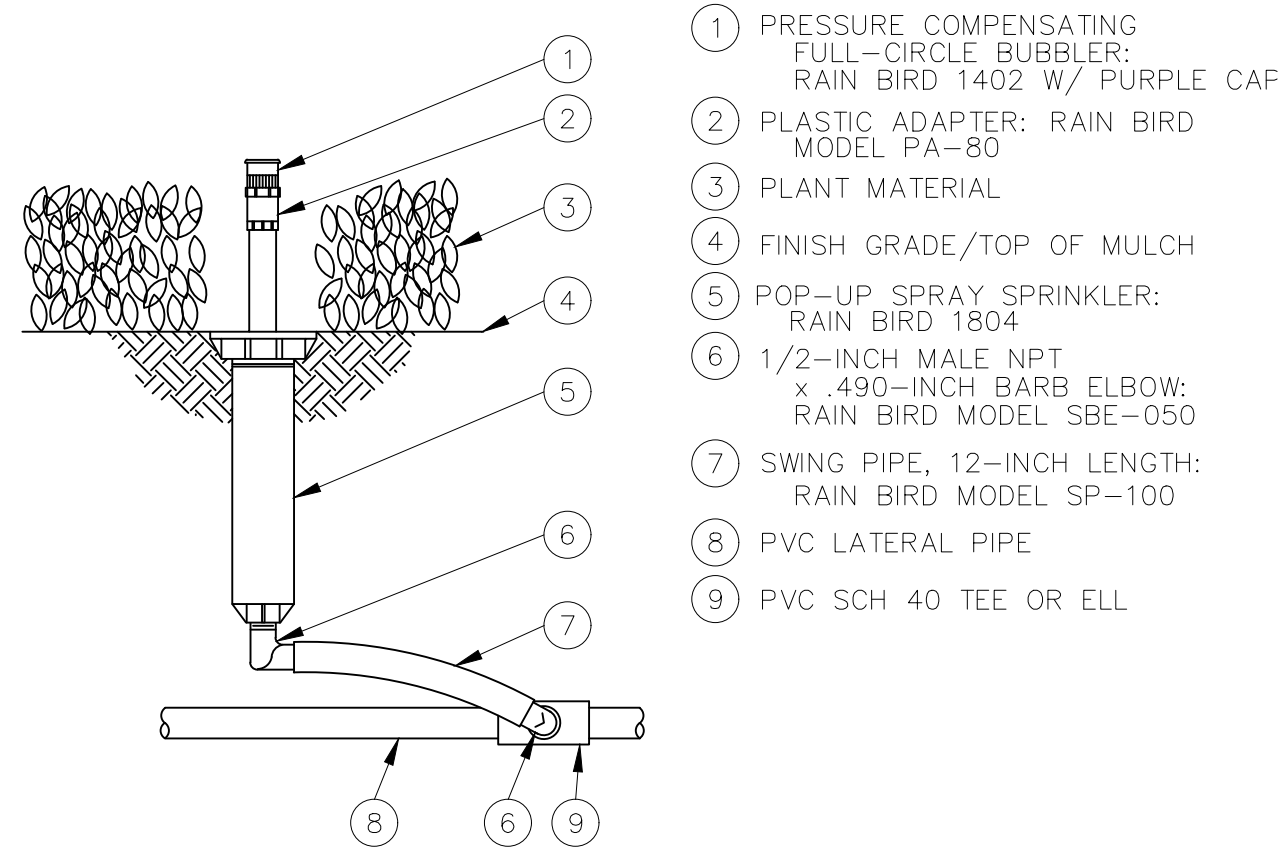
## D SLEEVING

N.T.S.



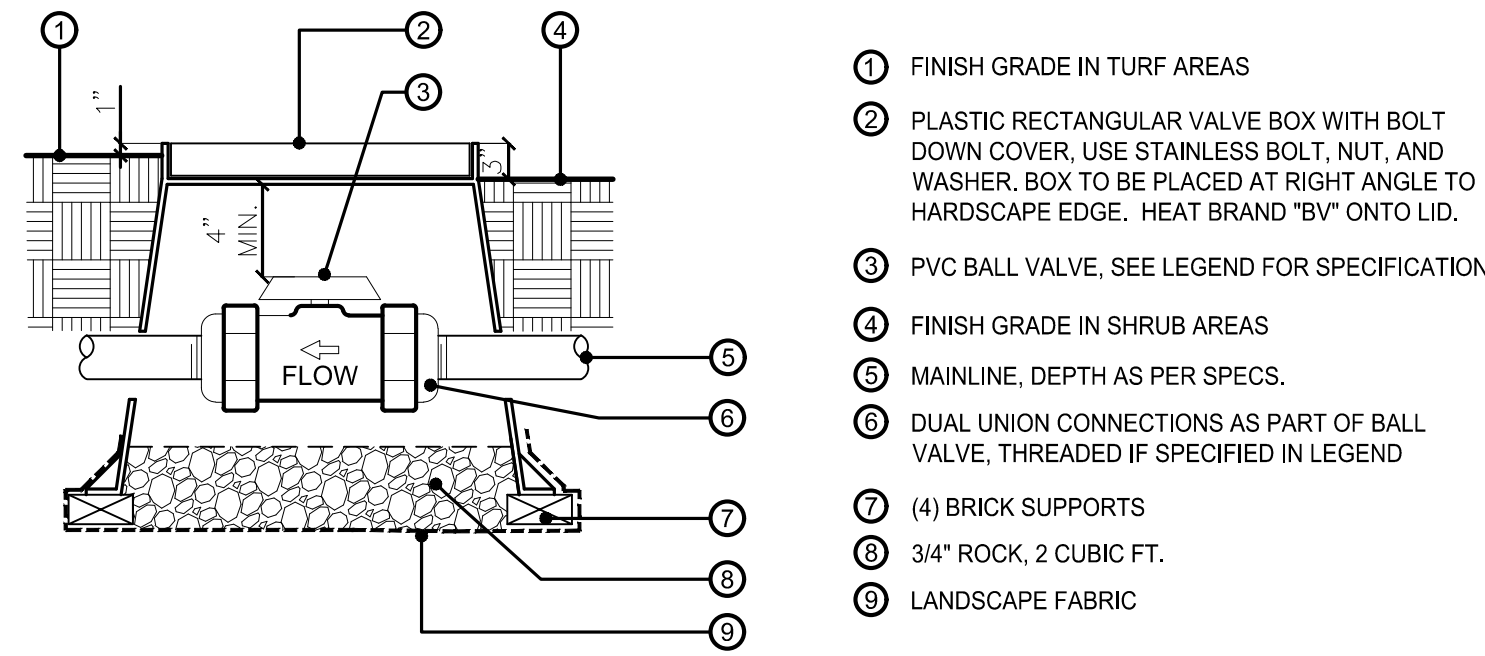
## C TRENCHING

N.T.S.



## H TREE BUBBLER

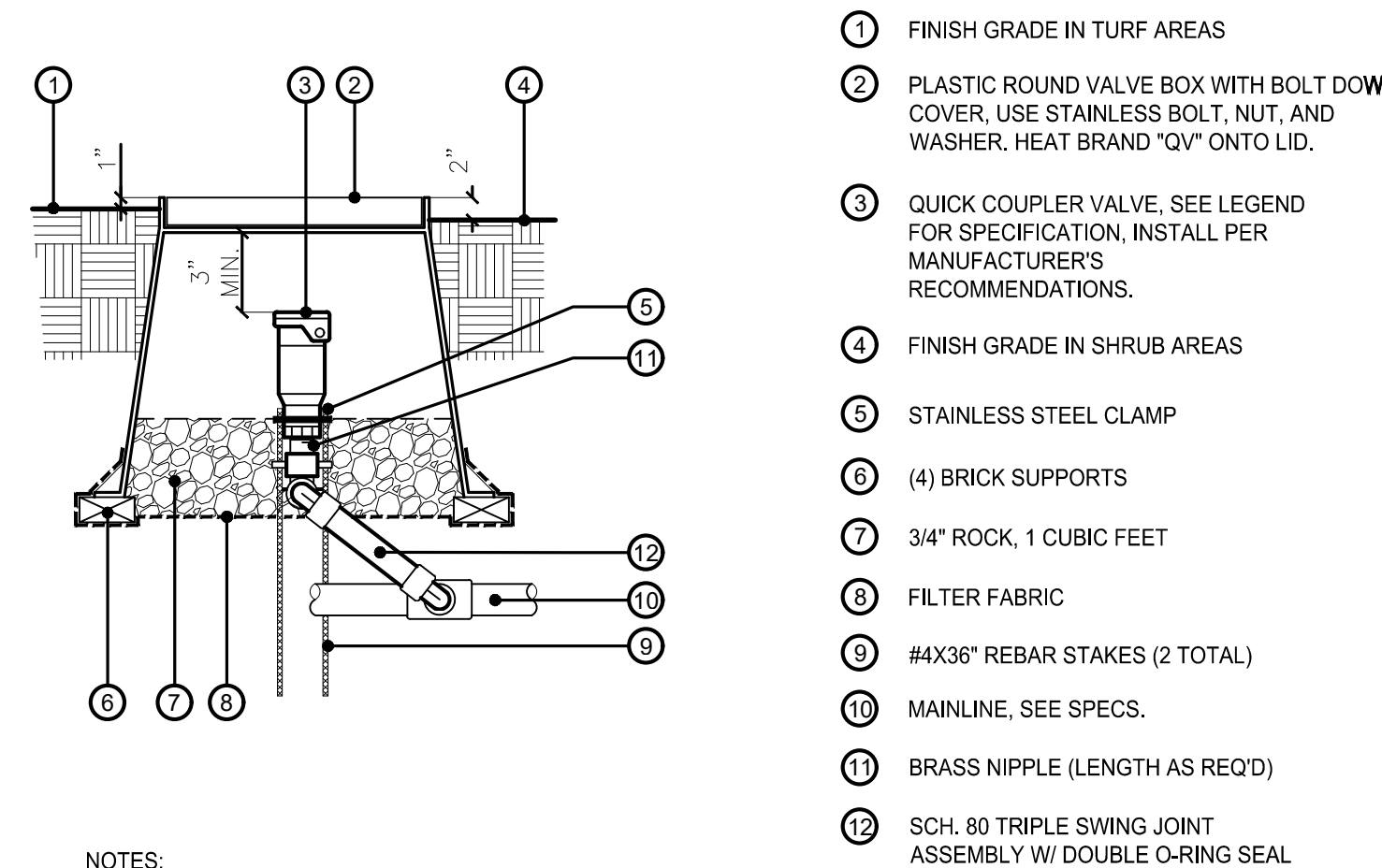
N.T.S.



NOTES:  
 1. BOX TO BE INSTALLED TO ALLOW FOR PROPER OPERATION OF BALL VALVE HANDLE.  
 2. INSTALL AT RIGHT ANGLE TO HARDSCAPE EDGE.  
 3. INSTALL VALVE BOX EXTENSIONS AS REQUIRED TO ACHIEVE PROPER VALVE INSTALLATION AT MAINLINE DEPTH.  
 4. ALL THREADED CONNECTIONS SHALL HAVE TEFLON TAPE OR PASTE.

## G BALL VALVE

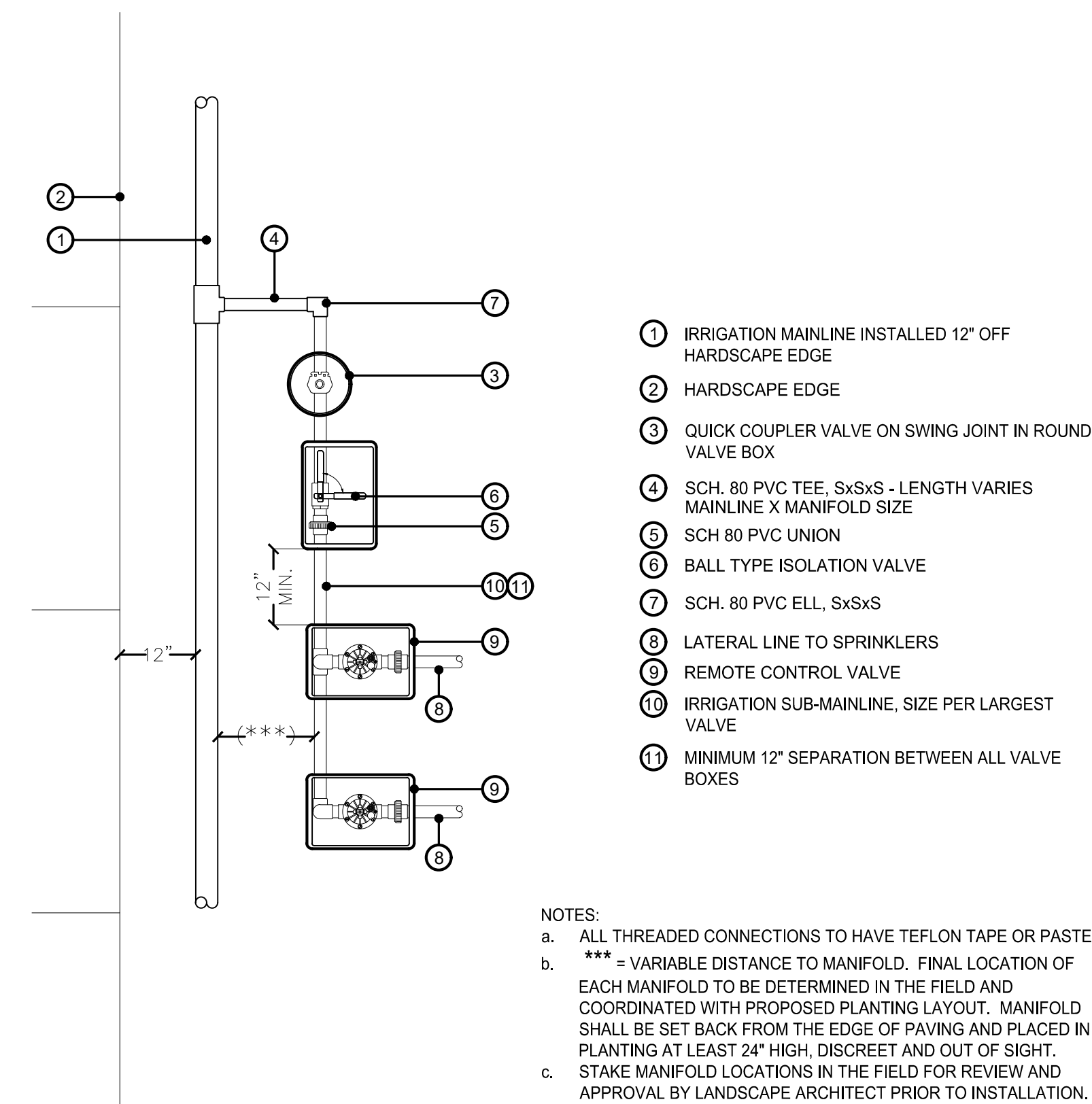
N.T.S.



NOTES:  
 a. ALL THREADED CONNECTIONS TO HAVE TEFLON TAPE OR PASTE.  
 b. ENSURE QCV KEY SWIVELS FREELY WHEN INSERTED INTO LUG TRACK.

## F QUICK COUPLER VALVE

N.T.S.



## I VALVE MANIFOLD

N.T.S.



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**OXNARD UNION  
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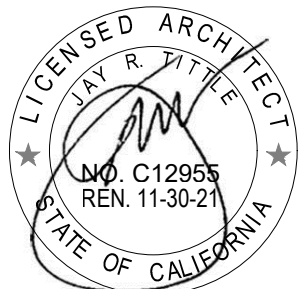
**RIO MESA HIGH SCHOOL  
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**545 CENTRAL AVE.  
 OXNARD, CA. 93036**

CONSULTANT



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**BB**

PROJECT MANAGER

**ML**

DESIGN TEAM

**ML**

PROJECT NAME

**RIO MESA HIGH SCHOOL  
 TRACK & FIELD IMPROVEMENTS  
 GATEWAY IMPROVEMENTS**

PROJECT NO.

**6121235307**

SHEET TITLE




**IRRIGATION DETAILS**

SHEET NUMBER

**L2.1**





-  **A**  
L4.0 WASHINGTONIA HYBRID  
HYBRID CALIFORNIA FAN PALM  
15FT B.T.H.  
(19) TOTAL THIS SHEET (MATCHING)
-  **B**  
L4.0 HESPERALOE PARVIFLORA \*\*  
RED YUCCA  
5 GAL  
(67) TOTAL THIS SHEET
-  **B**  
L4.0 SALVIA LEU. 'AMETHYST BLUE' \*\*  
PURPLE SAGE  
5 GAL  
(32) TOTAL THIS SHEET

### PLANTING KEYNOTE

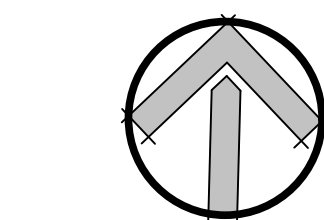
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TURF GRASS - SOD  
CONTRACTOR TO MATCH EXISTING ONSITE  
LARGE ROLL SOD  
CONTRACTOR TO COMPUTE QUANTITY

#### PLANTING NOTES:

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NORTH



SCALE=1"=20'



### SPECIAL REQUIREMENT:

\*\* DENOTES PLANT MATERIAL THAT WILL REQUIRE HAND WATERING DURING THE MAINTENANCE PERIOD.

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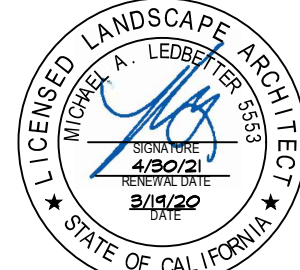
OXNARD UNION  
HIGH SCHOOL  
DISTRICT

PROJECT NAME

RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS

545 CENTRAL AVE.  
OXNARD, CA. 93036

CONSULTANT



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ML

DESIGN TEAM

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TRACK & FIELD IMPROVEMENTS  
GATEWAY IMPROVEMENTS

PROJECT NO.

6121235307

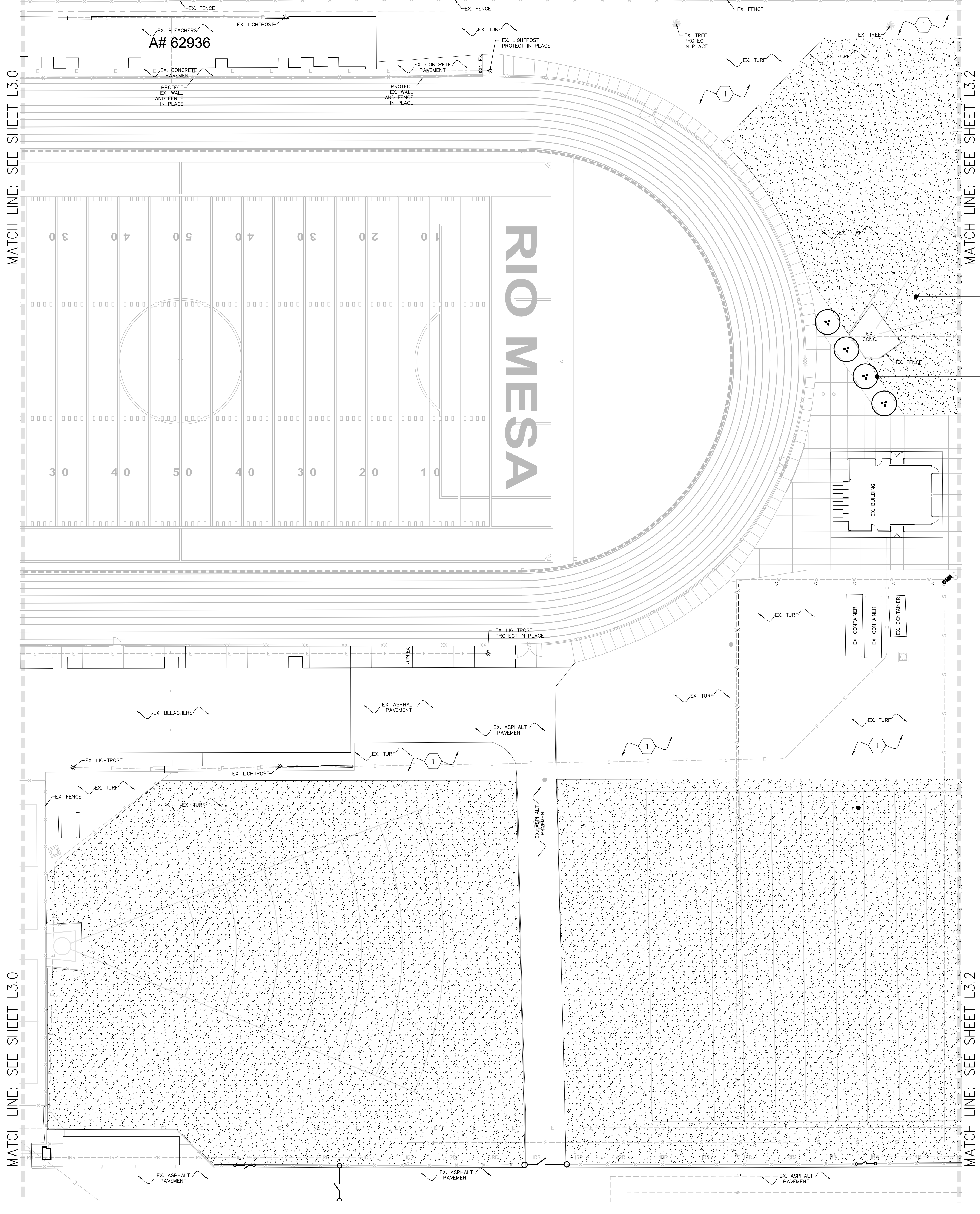
SHEET TITLE

PLANTING PLAN

SHEET NUMBER

L3.0





MATCH LINE: SEE SHEET L3.0

MATCH LINE: SEE SHEET L3.2

MATCH LINE: SEE SHEET L3.0

MATCH LINE: SEE SHEET L3.2



TURF GRASS - SOD  
CONTRACTOR TO MATCH EXISTING ONSITE  
LARGE ROLL SOD  
CONTRACTOR TO COMPUTE QUANTITY

\*\* VAUQUELINIA CALIFORNICA  
ARIZONA REDWOOD  
15 GAL  
(4) TOTAL THIS SHEET

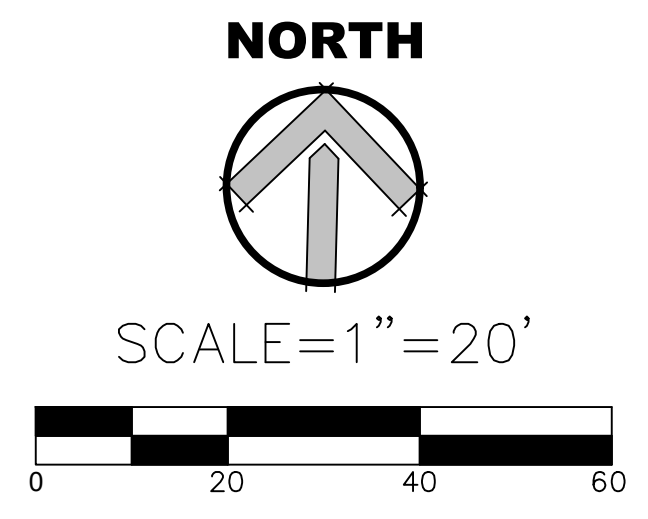
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TURF GRASS - SOD  
CONTRACTOR TO MATCH EXISTING ONSITE  
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Client Name  
Little 2019

Project Name  
**OXNARD UNION HIGH SCHOOL DISTRICT**

RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS

545 CENTRAL AVE.  
OXNARD, CA. 93036

CONSULTANT

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PROJECT MANAGER  
ML  
DESIGN TEAM  
ML

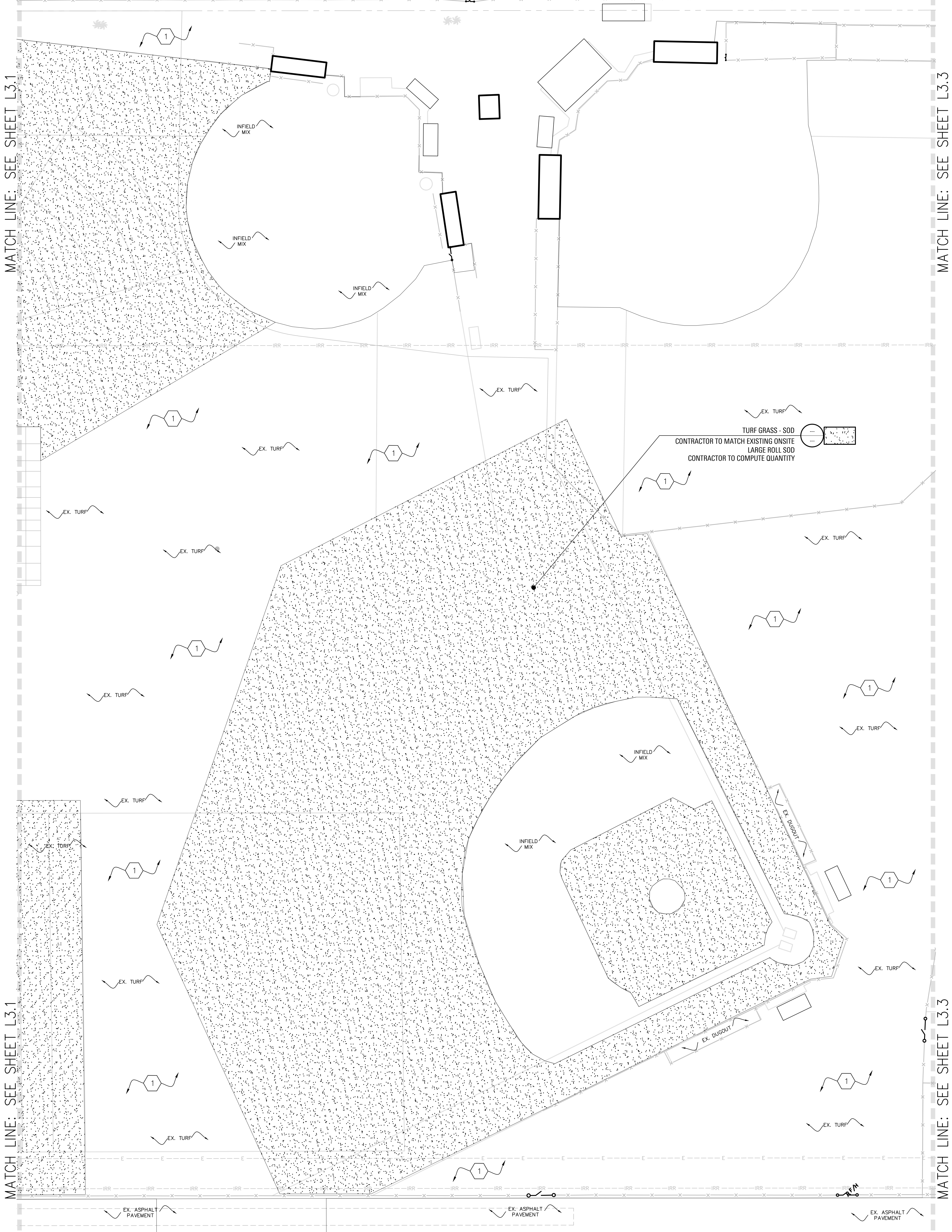
PROJECT NAME  
RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS  
GATEWAY IMPROVEMENTS

PROJECT NO.  
6121235307

SHEET TITLE  
PLANTING PLAN

SHEET NUMBER  
L3.1



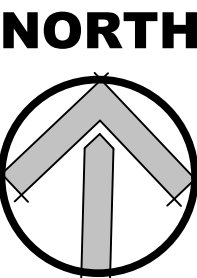


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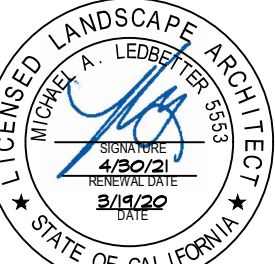
**OXNARD UNION  
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**BB**

**PROJECT MANAGER**

**ML**

**DESIGN TEAM**

**ML**

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### PROJECT NO.

**6121235307**

### SHEET TITLE

**PLANTING PLAN**

### SHEET NUMBER

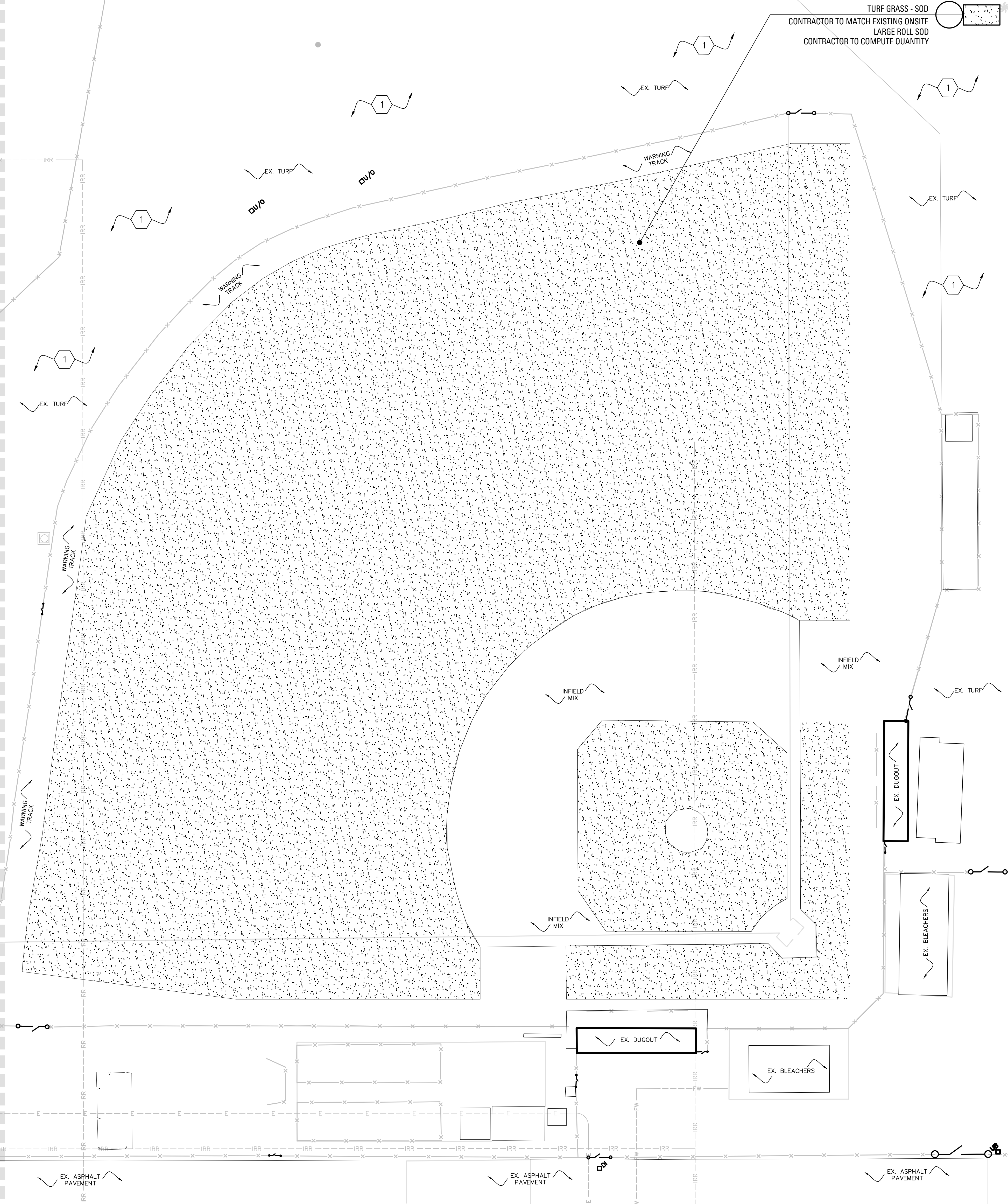
**L3.2**





MATCH LINE: SEE SHEET L3.2

MATCH LINE: SEE SHEET L3.2

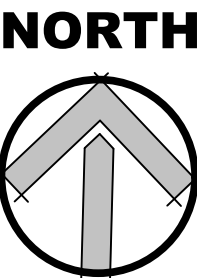


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- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH OTHER TRADES AS REQUIRED TO ACCOMPLISH PLANTING OPERATIONS PER THE CONSTRUCTION SCHEDULE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND STRUCTURES, 2% MIN.
- CONTRACTOR SHALL NOT WILLFULLY INSTALL ANY PLANT MATERIAL WHEN IT IS OBVIOUS THAT UNKNOWN CONDITIONS OR GRADE DIFFERENCES EXIST THAT WOULD MAKE THE PROPOSED DESIGN UNACHIEVABLE. NOTIFY THE GENERAL CONTRACTOR IMMEDIATELY IF ANY SUCH CONDITIONS ARE DISCOVERED. FAILURE TO NOTIFY THE APPROPRIATE PARTIES COULD RESULT IN THE REJECTION AND REMOVAL OF FINISHED WORK AT NO COST TO THE OWNER.



SCALE=1"=20'



AGENCY REVIEW

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 03-120293 INC.  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 03/23/2020

**LITTLE**  
DIVERSIFIED ARCHITECTURAL CONSULTING

1300 Dove Street, Suite 100  
Newport Beach, CA. 92660  
T: 949.698.1400

[www.littleonline.com](http://www.littleonline.com)

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CLIENT NAME

**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

PROJECT NAME

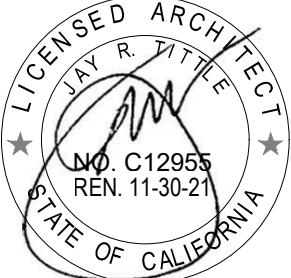
**RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS**

**545 CENTRAL AVE.  
OXNARD, CA. 93036**

CONSULTANT



SEAL



ISSUE FOR

**DSA SUBMITTAL SET**

ISSUE DATE

**03/19/20**

REVISIONS

NO.	REASON	DATE

PROJECT TEAM

PRINCIPAL IN CHARGE

**BB**

PROJECT MANAGER

**ML**

DESIGN TEAM

**ML**

PROJECT NAME

**RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS  
GATEWAY IMPROVEMENTS**

PROJECT NO.

**6121235307**

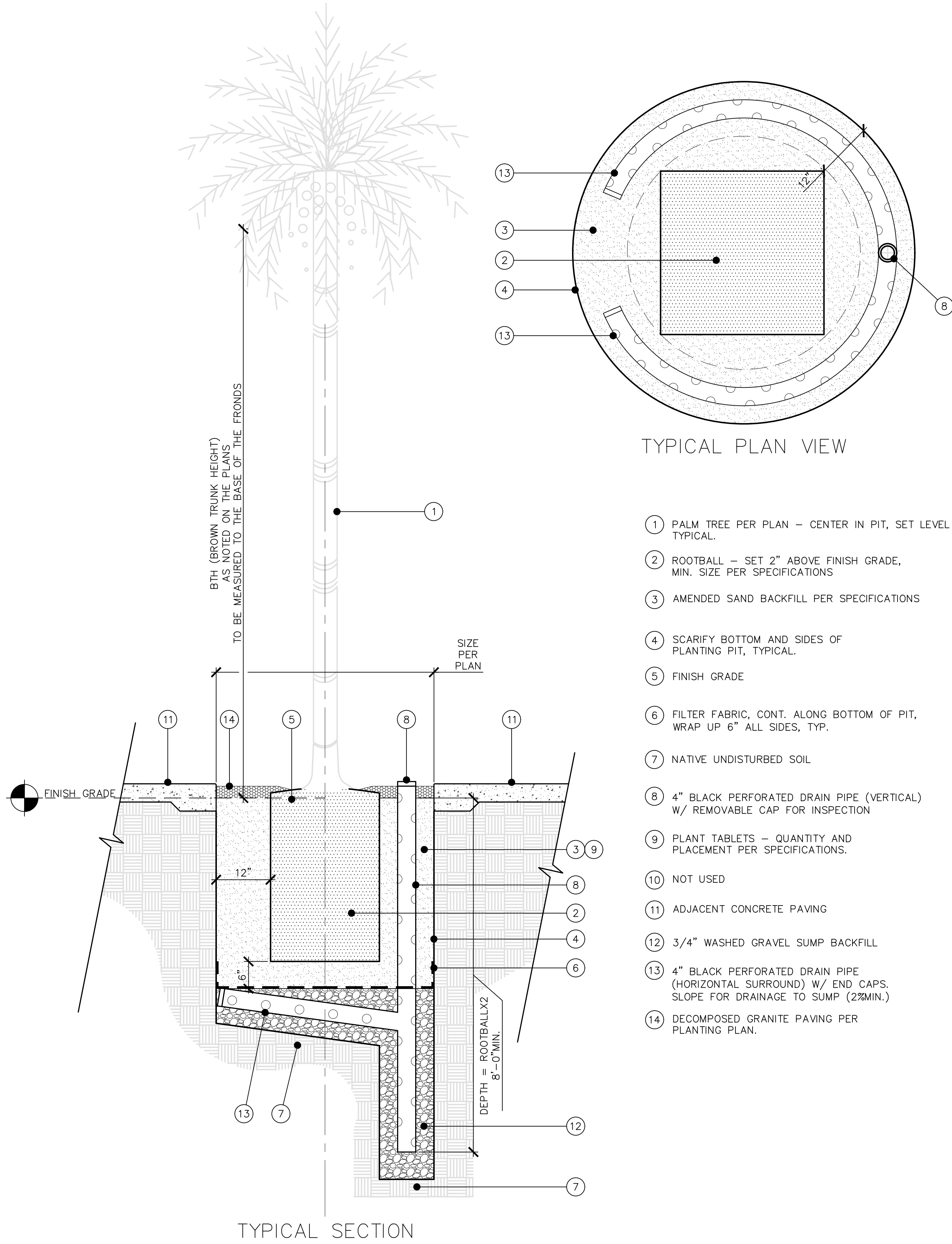
SHEET TITLE

**PLANTING PLAN**

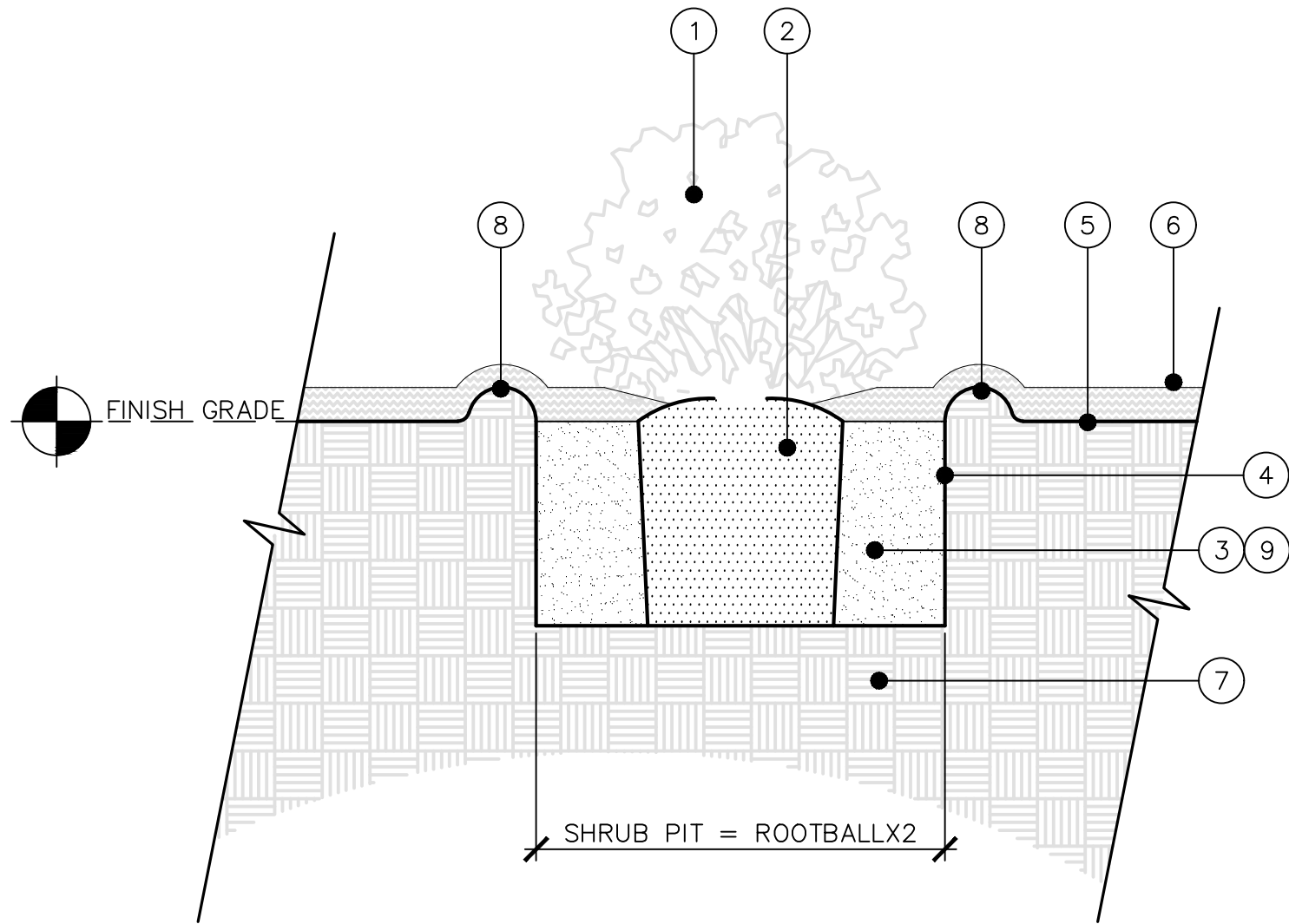
SHEET NUMBER

**L3.3**





**A** PALM PLANTING  
N.T.S.



**B** SHRUB PLANTING  
N.T.S.

AGENCY REVIEW

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TRACK & FIELD IMPROVEMENTS**

**545 CENTRAL AVE,  
OXNARD, CA, 93036**

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PROJECT NAME

**RIO MESA HIGH SCHOOL  
TRACK & FIELD IMPROVEMENTS  
GATEWAY IMPROVEMENTS**

PROJECT NO.

**6121235307**

SHEET TITLE

**PLANTING DETAILS**

SHEET NUMBER

**L4.0**



	<div>GENERAL NOTES</div> <div><div>1. FOR APPLICABLE CODES AND STANDARDS, REFER TO SHEET G0.1</div><div>2. DURING THE ENTIRE CONSTRUCTION PERIOD, IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONDITIONS AT THE PROJECT SITE, TO MEET THE REQUIREMENTS OF THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND CALIFORNIA OCCUPATIONAL REGULATIONS . THIS PROVISION SHALL COVER THE CONTRACTOR'S EMPLOYEES AND ALL OTHER PERSONS WORKING UPON OR VISITING THE SITE. THE CONTRACTOR SHALL BECOME FULLY INFORMED OF ALL APPLICABLE STANDARDS AND REGULATIONS AND INFORM ALL PERSONS AND REPRESENTATIVES RESPONSIBLE FOR WORK UNDER THIS CONTRACT.</div><div>3. CONFIRM ALL NEW AND EXISTING CONDITIONS WITH THE CONTRACT DOCUMENTS. NOTIFY ARCHITECT IMMEDIATELY IN WRITING OF ALL DISCREPANCIES OR CONFLICTS. DO NOT PROCEED WITH WORK IN THE AREA OF DISCREPANCY OR CONFLICT UNTIL DIRECTION IS GIVEN BY ARCHITECT. IF CONTRACTOR PROCEEDS WITHOUT DIRECTION FROM ARCHITECT, IT SHALL BE AT CONTRACTORS RISK, AND CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED CORRECTIVE ACTION.</div><div>4. REVIEW THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF SYSTEMS SHOWN ON CONSULTING ENGINEERS DOCUMENTS. DISCREPANCIES BETWEEN THE ARCHITECTURAL AND CONSULTING ENGINEER'S DOCUMENTS SHALL BE BROUGHT TO ARCHITECT'S ATTENTION FOR DIRECTION. CONSTRUCTION INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY CONTRACTOR AT NO EXPENSE TO THE OWNER.</div><div>5. DO NOT SCALE THE CONSTRUCTION DOCUMENTS. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED GRAPHICS. NOTIFY ARCHITECT IMMEDIATELY IN WRITING OF ALL ADDITIONAL REQUIRED DIMENSIONS. DO NOT PROCEED WITH WORK IN THE AREA OF DISCREPANCY OR CONFLICT UNTIL DIRECTION IS GIVEN BY ARCHITECT. IF THE CONTRACTOR PROCEEDS WITHOUT DIRECTION FROM ARCHITECT, IT SHALL BE AT CONTRACTORS RISK, AND CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED CORRECTIVE ACTION.</div><div>6. CORRECT ALL WORK INSTALLED IN CONFLICT WITH THE CONSTRUCTION DOCUMENTS BY CONTRACTOR AS DIRECTED BY ARCHITECT AND AT NO ADDITIONAL EXPENSE TO THE OWNER.</div><div>7. VISIT JOB SITE PRIOR TO BEGINNING WORK AND VERIFY ALL DIMENSIONS AND CONDITIONS.</div><div>8. SECURE AND PAY FOR ALL PERMITS, GOVERNMENTAL FEES AND LICENSES REQUIRED FOR PROPER COMPLETION OF THE WORK. REQUEST ALL INSPECTIONS REQUIRED BY LOCAL GOVERNMENTAL AGENCIES AND COORDINATE THE WORK ACCORDINGLY.</div><div>9. WHERE WORK OR EQUIPMENT IS INDICATED "N.I.C." (NOT IN CONTRACT) ON THE DRAWINGS, SUCH WORK AND/OR EQUIPMENT SHALL BE PROVIDED BY OTHERS. CONTRACTOR SHALL COORDINATE AND COOPERATE TO EFFECT SUCH INSTALLATION.</div><div>10. ALL PLAN DIMENSIONS SHOWN AT CENTER OF WALL REPRESENT CENTER LINE OF STUD OR STRUCTURAL ELEMENT UNLESS NOTED OTHERWISE.</div><div>11. ALL PLAN DIMENSIONS FOR MASONRY AND CONCRETE REPRESENT FACE OF MATERIAL AND OPENING UNLESS NOTED OTHERWISE.</div><div>12. ALL DIMENSIONS SHOWN ARE TO FACE OF STUD AT NEW CONSTRUCTION AND FACE OF FINISH AT EXISTING CONSTRUCTION, UNLESS NOTED OTHERWISE.</div><div>13. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT THE REVIEW OF ARCHITECT UNLESS NOTED "(+)" OR "VERIFY". DIMENSIONS NOTED "HOLD" SHALL BE CONSIDERED AS ABSOLUTE AND USED FOR LAY-OUT CONTROL UNLESS OTHERWISE DIRECTED BY ARCHITECT.</div><div>14. ALL HEIGHTS ARE DIMENSIONED FROM TOP OF SLAB UNLESS NOTED "AFF" (ABOVE FINISH FLOOR).</div><div>15. "TYPICAL" MEANS COMPARABLE CHARACTERISTICS FOR THE ELEVATION OR DETAIL NOTED. WHEN A DETAIL OR NOTE IS IDENTIFIED AS "TYPICAL", CONTRACTOR SHALL APPLY THIS DETAIL OR NOTE TO EVERY LIKE CONDITION, WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE. VERIFY DIMENSIONS AND ORIENTATION ON PLANS.</div><div>16. OVIDE WORK NOT SPECIFICALLY DETAILED OR SPECIFIED IN ACCORDANCE WITH DETAILS OR SIZES COVERING SIMILAR WORK.</div><div>17. "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR THE ELEVATION OR DETAIL NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLANS.</div><div>18. ABBREVIATIONS THROUGHOUT THE DOCUMENTS COMPLY WITH DOCUMENT ABBREVIATION LIST OR ARE THOSE IN COMMON USE. ARCHITECT WILL DEFINE THE INTENT OF ANY IN QUESTION.</div><div>19. REFER TO THE PROJECT MANUAL FOR GENERAL CONDITIONS, SUPPLEMENTARY AND SPECIAL CONDITIONS, AND OTHER REQUIREMENTS.</div><div>20. PROVIDE BARRICADES AND PROTECTIVE DEVICES SEPARATING CONSTRUCTION AREAS. PROVIDE TEMPORARY PASSAGES AS REQUIRED. PRIOR TO DELIVERY OF MATERIALS TO CONSTRUCTION ZONE AND REMOVAL OF WASTE FROM SITE, CHECK WITH [OWNER/ARCHITECT/RESIDENT INSPECTOR] FOR ACCEPTABLE ACCESS ROUTE AND TIME. UNDER NO CIRCUMSTANCES USE AREA OUTSIDE THE CONSTRUCTION ZONE WITHOUT PRIOR CLEARANCE FROM THE [OWNER/ARCHITECT/RESIDENT INSPECTOR]. COMPLY WITH REQUIREMENTS AS SPECIFIED IN PROJECT MANUAL.</div><div>21. PROVIDE FOR THE PROPER SEQUENCE OF CONSTRUCTION, LOCATION AND SIZE OF OPENINGS. COORDINATE ALL CONSTRUCTION AS INDICATED BY THE CONTRACT DOCUMENTS, INCLUDING SHOP DRAWINGS REVIEWED BY ARCHITECT.</div><div>22. TAKE ALL MEASURES TO ACCOMPLISH THE WORK WITH THE MINIMUM OF INTERRUPTION TO NORMAL BUILDING PROCEDURES. NOTIFY OWNER IN ADVANCE OF HVAC, ELECTRICAL OR OTHER BUILDING SYSTEM SHUT-OFFS, MINIMIZE NOISE AND DUST GENERATION TO MAXIMUM EXTENT POSSIBLE. COMPLY WITH REQUIREMENTS AS SPECIFIED IN PROJECT MANUAL.</div><div>23. REMOVE ALL TRASH AND DEBRIS DAILY. DO NOT STORE BUILDING MATERIALS IN CORRIDORS AT ANY TIME. COMPLY WITH REQUIREMENTS AS SPECIFIED IN PROJECT MANUAL.</div><div>24. PERFORM ALL CUTTING, PATCHING, AND FINISHING NECESSARY TO RESTORE THE BUILDING AND SITE TO ORIGINAL CONDITION OF ALL EXISTING PORTIONS OF THE BUILDING AND SITE AFFECTED BY CONTRACTORS WORK, TO THE SATISFACTION OF ARCHITECT AND OWNER.</div><div>25. VERIFY POINTS OF CONNECTION, INCLUDING SIZES AND LOCATIONS, AND ALL OTHER REQUIRED OPERATING CRITERIA WITH EQUIPMENT MANUFACTURER.</div><div>26. COORDINATE THE LOCATION AND TYPE OF ALL ACCESS PANELS REQUIRED FOR ACCESSING MECHANICAL, PLUMBING, ELECTRICAL AND OTHER BUILDING SYSTEMS WITH ARCHITECT.</div><div>27. CONTRACTOR SHALL STIPULATE THAT ALL PROPOSED SUBSTITUTIONS ARE EQUAL IN PERFORMANCE AND COMPLY WITH APPLICABLE CODES AND REGULATIONS. CONTRACTOR'S SUBSTITUTION OF ALTERNATE MATERIALS OR SYSTEMS SHALL BE AT NO ADDITIONAL COST TO OWNER.</div><div>28. CONTRACTOR SHALL INSURE ALL CONSTRUCTION SHALL REMAIN ACCESSIBLE AND EXPOSED FOR INSPECTION PURPOSES UNTIL APPROVED BY THE INSPECTOR OF RECORD. FOR CONTINUOUS INSPECTION, TESTING, AND OBSERVATION REQUIREMENTS, REFER TO THE TESTING AND OBSERVATION PROGRAM.</div><div>29. PROTECTION DURING WELDING: CONFORM TO TITLE 8, C.C.R. FURTHER PROTECT OCCUPANTS AND THE PUBLIC WITH PORTABLE SOLID VISION BARRICADES AROUND LOCATION WHERE WELDING IS BEING PERFORMED. PROVIDE SIGNS WARNING AGAINST LOOKING AT WELDING WITHOUT PROPER EYE PROTECTION OR EQUIVALENT. SEE C.F.C. FOR REQUIREMENTS FOR ON SITE WELDING.</div></div>	<div>STRUCTURAL NOTES</div> <div><div>1. SUPPORT AND BRACE ALL PIPES, DUCTS, AND CONDUITS PER THE FOLLOWING STANDARDS OR APPROVED EQUAL:</div><div><ul style="list-style-type: none"><li>• OSHPD ANCHORAGE PRE-APPROVAL #R-0010: SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEMS"</li><li>• OSHPD ANCHORAGE PRE-APPROVAL #R-0003: SUPERSTRUT SEISMIC RESTRAINT SYSTEM (FOR PIPES AND CONDUIT ONLY)</li></ul></div><div>2. PROVIDE ALL TEMPORARY SHORING AND BRACING AS REQUIRED FOR ALL DEMOLITION AND NEW WORK AS REQUIRED. ASSUME FULL RESPONSIBILITY FOR REPAIR AND/OR REPLACEMENT OF DAMAGED AREAS, INCLUDING BUT NOT NECESSARILY LIMITED TO STRUCTURE, FINISHES, EQUIPMENT AND FURNISHINGS IF DAMAGE OF ANY KIND OCCURS AS RESULT OF IMPROPER OR INADEQUATE SHORING OR BRACING.</div><div>3. UNLESS SPECIFICALLY DETAILED ON STRUCTURAL DRAWINGS, DO NOT CUT OR OTHERWISE MODIFY STRUCTURAL ELEMENTS WITHOUT DIRECTION FROM ARCHITECT. PROVIDE REINFORCEMENT, SUPPORT, TEMPORARY SHORING SATISFACTORY TO THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO CUTTING INTO STRUCTURAL PORTIONS OF ANY BUILDING ELEMENT. PROVIDE ALL CUTTING OF STRUCTURAL ELEMENTS, AND ALL ASSOCIATED REPAIR OR REFINISHING OF ADJACENT SURFACES AT NO ADDITIONAL EXPENSE TO THE OWNER.</div><div>4. WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWER DRIVEN PINS IN EXISTING NON-PRE-STRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING EXISTING REINFORCING BARS. WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWER DRIVEN PINS IN EXISTING PRE-STRESSED REINFORCED CONCRETE (POST OR PRE TENSIONED), USE A NON-DESTRUCTIVE METHOD TO LOCATE TENDONS PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR AND/OR PIN.</div><div>5. PROVIDE TEMPORARY SHORING FOR EXCAVATIONS THAT REMOVE THE LATERAL SUPPORT FROM AN EXISTING BUILDING OR A PUBLIC WAY. PRIOR TO ISSUANCE OF PERMIT, OBTAIN APPROVAL FROM THE ENFORCING AGENCY FOR EXCAVATIONS ADJACENT TO A PUBLIC WAY.</div><div>6. OBTAIN NECESSARY PERMITS, INCLUDING CALIFORNIA DIVISION OF INDUSTRIAL SAFETY, PRIOR TO ISSUANCE OF A BUILDING OR GRADING PERMIT FOR ALL TRENCHING.</div></div>	<div>ACCESSIBILITY NOTES</div> <div><div>13. ACCESSIBLE DRINKING FOUNTAINS</div><div>PROVIDE DRINKING FOUNTAINS COMPLYING WITH CHAPTER 11B, PART 2, TITLE 24, CCR, CHAPTER 15, PART 5, TITLE 24, CCR.</div><div>PROVIDE DRINKING FOUNTAIN WITH MINIMUM 18 INCH DEPTH.</div><div>PROVIDE DRINKING FOUNTAINS WITH KNEE CLEARANCE MINIMUM 32 INCHES WIDE, MINIMUM 27 INCHES HIGH MEASURED 8 INCHES BACK FROM FOUNTAIN FRONT EDGE. PROVIDE TOE CLEARANCE MINIMUM 5 INCHES HIGH, 32 INCHES WIDE, EXTENDING MAXIMUM 6 INCHES IN DEPTH FROM THE REAR WALL.</div><div>SIDE APPROACH DRINKING FOUNTAIN IS NOT ACCEPTABLE.</div><div>ACTIVATE WITH LEVER, PUSH BAR OR OTHER APPROVED CONTROL LOCATED MAXIMUM 6 INCHES FROM FRONT EDGE. LOCATE BUBBLER ORIFICE MAXIMUM 6 INCHES FROM FRONT EDGE AND MAXIMUM 36 INCHES AFF. THE WATER STREAM FROM THE BUBBLER SHALL BE SUBSTANTIALLY PARALLEL TO THE FRONT EDGE OF THE DRINKING FOUNTAIN.</div><div>14. ACCESSIBILITY SIGNAGE</div><div>PROVIDE ACCESSIBLE PARKING SIGNAGE COMPLYING WITH CHAPTER 11B, DIVISION II, PART 2, TITLE 24, CCR.</div><div>PROVIDE TOILET ROOM ACCESSIBILITY SIGNAGE COMPLYING WITH CHAPTER 11B, DIVISION I, PART 2, TITLE 24, CCR.</div><div>PROVIDE PERMANENT ROOM ACCESSIBILITY SIGNAGE COMPLYING WITH CHAPTER 11B, DIVISION I, PART 2, TITLE 24, CCR.</div><div>PROVIDE DIRECTIONAL AND INFORMATIONAL ACCESSIBILITY SIGNAGE COMPLYING WITH CHAPTER 11B, DIVISION I, PART 2, TITLE 24, CCR.</div><div>IDENTIFY EACH ACCESSIBLE PARKING SPACE WITH A PERMANENTLY AFFIXED REFLECTORIZED SIGN, NO SMALLER THAN 70 SQUARE INCHES, DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. WHEN LOCATED IN PATH OF TRAVEL, INSTALL BOTTOM OF SIGN AT MINIMUM 80 INCHES ABOVE FINISHED GRADE. HEIGHT OF 80 INCHES FROM BOTTOM OF SIGN TO FINISHED GRADE AT PATH OF TRAVEL. SIGN MAY BE CENTERED ON THE WALL AT THE INTERIOR END OF THE PARKING SPACE AT A MINIMUM HEIGHT OF 60 INCHES FROM THE PARKING SPACE FINISHED GRADE.</div><div>PROVIDE SIGN AT EACH ENTRANCE TO OFF-STREET PARKING WITH ACCESSIBLE PARKING, NOT LESS THAN 17 X 22 INCHES IN SIZE, WITH LETTERING NOT LESS THAN 1 INCH IN HEIGHT CLEARLY AND CONSPICUOUSLY STATING THE FOLLOWING:</div><div>"UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES MAY BE TOWED AWAY AT OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT _____"</div><div>PROVIDE AT EACH ACCESSIBLE PARKING SPACE A SURFACE APPLIED IDENTIFICATION DUPLICATING THE SYMBOL OF ACCESSIBILITY IN BLUE PAINT, A MINIMUM OF 3 X 3 FEET, AND VISIBLE FROM DRIVE AREA WHEN VEHICLE IS PROPERLY PARKED.</div><div>PROVIDE 14" THICK IDENTIFICATION SYMBOLS ON DOORS TO SANITARY FACILITIES, CONSISTING OF A 12 INCH TRIANGLE FOR MEN AND 12 INCH DIAMETER CIRCLE FOR WOMEN.</div></div>	<div><div><div>AGENCY REVIEW</div><div><div>IDENTIFICATION STAMP</div><div>DIV. OF THE STATE ARCHITECT</div><div>APP. 03-120293 INC.</div><div>REVIEWED FOR</div><div>SS <input type="checkbox"/> FLS <input type="checkbox"/> ACS <input type="checkbox"/></div><div>DATE: 03/23/2020</div></div></div><div><div>LITTLE</div><div>DIVERSIFIED ARCHITECTURAL CONSULTING</div><div>1300 Dove Street, Suite 100</div><div>Newport Beach, CA, 92660</div><div>T: 949.698.1400</div><div>www.littleonline.com</div><div>This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.</div><div>© Little 2019</div><div>CLIENT NAME</div><div>PROJECT NAME</div><div>CONSULTANT</div><div>SEAL</div><div><div>ISSUED FOR</div><div>DSA SUBMITTAL</div><div>ISSUE DATE</div><div>03/23/2020</div><div>REVISIONS</div><table><tr><th>NO.</th><th>REASON</th><th>DATE</th></tr></table><div>PROJECT TEAM</div><div>PRINCIPAL IN CHARGE</div><div>JT</div><div>PROJECT MANAGER</div><div>LEB</div><div>DESIGN TEAM</div><div>FM /RG /JR /JCL</div><div>PROJECT NAME</div><div>RIO MESA HIGH SCHOOL TRACK &amp; FIELD IMPROVEMENTS</div><div>PROJECT NO.</div><div>6121235307</div><div>SHEET TITLE</div><div>GENERAL NOTES</div><div>SHEET NUMBER</div><div>A0.0.1</div></div></div></div>	NO.	REASON	DATE
NO.	REASON	DATE					
DEMO AND RENOVATION NOTES		<div><div>1. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO MODIFY THE FACILITY FOR ACCESSIBILITY IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS SUCH THAT THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK.</div><div>2. VERIFY ALL EXISTING CONDITIONS INCLUDING BUT NOT LIMITED TO, MECHANICAL, PLUMBING, ELECTRICAL, PNEUMATIC TUBE, AND ALL OTHER EXISTING SYSTEMS. MAKE NECESSARY PROVISIONS TO MAINTAIN THE INTEGRITY OF EXISTING SYSTEMS PRIOR TO THE COMMENCEMENT OF DEMOLITION.</div><div>3. REFER TO DOCUMENTS PREPARED BY CONSULTING ENGINEERS FOR INFORMATION REGARDING THE REMOVAL OF EXISTING SYSTEMS.</div><div>4. COMPLY WITH ANSI A10.6 "SAFETY REQUIREMENTS FOR DEMOLITION" PUBLISHED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE.</div><div>2. VERIFY ALL EXISTING CONDITIONS INCLUDING BUT NOT LIMITED TO, MECHANICAL, PLUMBING, ELECTRICAL, PNEUMATIC TUBE, AND ALL OTHER EXISTING SYSTEMS. MAKE NECESSARY PROVISIONS TO MAINTAIN THE INTEGRITY OF EXISTING SYSTEMS PRIOR TO THE COMMENCEMENT OF DEMOLITION.</div><div>3. REFER TO DOCUMENTS PREPARED BY CONSULTING ENGINEERS FOR INFORMATION REGARDING THE REMOVAL OF EXISTING SYSTEMS.</div><div>4. COMPLY WITH ANSI A10.6 "SAFETY REQUIREMENTS FOR DEMOLITION" PUBLISHED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE.</div></div>					

RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS

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OXNARD, CA. 93036



## ABBREVIATIONS

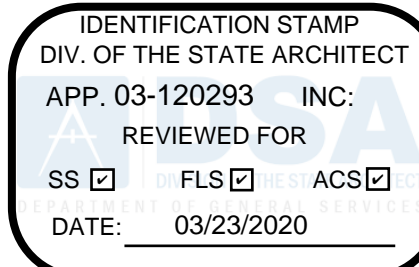
&	AND	DW	DISHWASHER	ID	INSIDE DIAMETER
△	ANGLE	DWG	DRAWING	IF	INSIDE FACE
@	AT	DWL	DOWEL	ILLUM	ILLUMINATION
AB	ANCHOR BOLT	DWR	DRAWER	INCAND	INCANDESCENT
ABAN	ABANDON	DWV	DRAIN WASTE & VENT	INL	INLET
ABS	ACRYLONITRILE BUTADIENE STYRENE	E	EAST	INSTL	INSTALLATION
ABV	ABOVE	EA	EACH	INSUL	INSULATION
AC	AIR CONDITIONING	EA	EACH	INT	INTERIOR
AC	ASPHALTIC CONCRETE	(E)	EXISTING	INV	INVERT
ACOUS	ACOUSTICAL	EC	ELASTOMERIC COATING	INV EL	INVERT ELEVATION
AC PVG	ASPHALT CONCRETE PAVING	ECON	ECONOMIZER	IP	IRON PIPE
ACP	ACOUSTICAL PANEL	ECU	EVAPORATIVE COOLING UNIT	IPS	INSIDE PIPE SIZE
ACT	ACOUSTICAL TILE	EF	EACH FACE	IPS	INTERNATIONAL PIPE STANDARD
ACU	AIR CONDITIONING UNIT	EHD	ELECTRIC HAND DRYER	ISO	ISOMETRIC
AD	AREA DRAIN	EJ	EXPANSION JOINT	IWH	INSTANTANEOUS WATER HEATER
ADDL	ADDITIONAL	EL	ELEVATION	JAN	JANITOR
ADJ	ADJUSTABLE	ELAST	ELASTOMERIC	JB	JUNCTION BOX
AFF	ABOVE FINISHED FLOOR	ELEC	ELECTRIC(AL)	JST	JOIST
AFG	ABOVE FINISHED GRADE	ELEV	ELEVATOR	JT	JOINT
AGGR	AGGREGATE	EMER	EMERGENCY	KD	KILN DRIED
AHU	AIR HANDLING UNIT	ENAM	ENAMEL	KD	KNOCK DOWN
AL	ALUMINUM	ENCL	ENCLOSURE	KD	KNOCKOUT
ALT	ALTERNATE	ENGR	ENGINEER	KD	KNOCKOUT
AMT	AMOUNT	ENTR	ENTRANCE	KPL	KICKPLATE
ANOD	ANODIZED	EP	ELECTRICAL PANEL	L	LEFT
AP	ACCESS PANEL	EOP	EDGE OF PAVEMENT	LAD	LADDER
APPROX	APPROXIMATE	EPDM	ETHYLENE PROPYLENE DIENE MONOMER	LAM	LAMINATING
ARCH	ARCHITECT/ARCHITECTURAL	EQ	EQUAL	LAT	LATERAL
ASD	AUTOMATIC SPRINKLER DRAIN	EQL SP	EQUALLY SPACED	LAV	LAVATORY
ASPH	ASPHALT	EQUIP	EQUIPMENT	LB	LAG BOLT
ASSY	ASSEMBLY	ES	EACH SIDE	LB	POUND
AV	AUDIO VISUAL	EST	ESTIMATE	LDG	LANDING
AWP	ACOUSTICAL WALL PANEL	ESMNT	EASEMENT	LEADER	LEADER
		EW	EACH WAY	LF	LINEAR FOOT
		EWC	ELECTRICAL WATER COOLER	LG	LONG
BAL	BALANCE	EXH	EXHAUST	LH	LEFT HAND
BBD	BULLETIN BOARD	EXIST	EXISTING	LHR	LEFT HAND REVERSE
BBRG	BALL BEARING	EXIST GR	EXISTING GRADE	LIN	LINEAR
BC	BACK OF CURB	EXP	EXPANSION	LOOKR	LOOKER
BD	BOARD	EXP JT	EXPANSION JOINT	LL	LIVE LOAD
BETW	BETWEEN	EXT	EXTERIOR	LLH	LONG LEG HORIZONTAL
BEV	BEVEL			LLV	LONG LEG VERTICAL
BIFUM	BITUMINOUS	F/F	FACE TO FACE	LOC	LOCATION
BLDG	BUILDING	FA	FIRE ALARM	LONG	LONG
BLK	BLOCK	FACP	FIRE ALARM CONTROL PANEL	LP	LOW POINT
BLKG	BLOCKING	FC	FLOOR CLEANOUT	LP	LOW PRESSURE
BLKHD	BULKHEAD	FCO	FLOOR CLEANOUT	LS	LUMP SUM
BLW	BELOW	FCU	FAN COIL UNIT	LT	LIGHT
BM	BEAM	FD	FIRE DAMPER	LT WT	LIGHTWEIGHT
BM	BENCH MARK	FD	FLOOR DRAIN	LTD	LIGHTING
BMU	BRICK MASONRY UNIT	FDC	FIRE DEPARTMENT CONNECTION	LTG PNL	LIGHTING PANEL
BOF	BOTTOM OF FOOTING	FDN	FOUNDATION	LUB	LUBRICATE
BOT	BOTTOM	FE	FIRE EXTINGUISHER	LV	LOW VOLTAGE
BRG	BEARING	FEC	FIRE EXTINGUISHER CABINET	LVL	LEVEL
BRS	BRASS	FEM	FEMALE	LVR	LOUVER
BRZ	BRONZE	FGL	FIBERGLASS	LWC	LIGHTWEIGHT CONCRETE
BSMNT	BASEMENT	FHC	FIRE HOSE CABINET	M	MIRROR
BUR	BUILT-UP ROOF	FHEV	FLAT HEAD MACHINE SCREW	MACH RM	MACHINE ROOM
		FHWS	FLAT HEAD WOOD SCREW	MAINT	MAINTENANCE
		FH	FIRE HYDRANT	MAN	MANUAL
C	CENTERLINE	FIN	FINISH	MARB	MARBLE
C&G	CURB AND GUTTER	FIXT	FIXTURE	MAS	MASONRY
C/C	CENTER TO CENTER	FF	FINISH FLOOR	MATL	MATERIAL
CAB	CABINET	FF	FINISH FLOOR	MAU	MAKE-UP AIR UNIT
CB	CORNER BEAD	FG	FLASHING	MAX	MAXIMUM
CB	CATCHBASIN	FL	FLOW LINE	MB	MACHINE BOLT
CBD	CHALKBOARD	FLR	FLOOR/FLOORING	MB	MIXING BOX
CCTV	CLOSED CIRCUIT TELEVISION	FLR FIN	FLOOR FINISH	MBF	THOUSAND BOARD FEET
CCW	COUNTER CLOCKWISE	FLUOR	FLOOR FINISH	MBD	MARKER BOARD
CEM	CEMENT	FOC	FACE OF CONCRETE	MC	MOMENT CONNECTION
CER	CERAMIC	FOF	FACE OF FINISH	MC	MOMENT
CI	CAST IRON	FOM	FACE OF MASONRY	MDF	MEDIUM DENSITY FIBERBOARD
CIP	CAST IRON PIPE	FOS	FACE OF STUD	MDO	MEDIUM DENSITY OVERLAD
CJ	CONSTRUCTION JOINT	FFM	FEET PER MINUTE	MECH	MECHANICAL
CF	CLEAR FINISH COATING	FFM	FEET PER MINUTE	MED	MEDIUM
CFX	CLEAR FINISH COATING - EXTERIOR	FRQ	FREQUENCY	MEMB	MEMBRANE
CG	CORNER GUARD	FTG	FOOTING	MET	METAL
CL	CENTER LINE	FTG	FOOTING	MEZZ	MEZZANINE
CLG	CEILING	FURR	FURRING	MFG	MANUFACTURER
CLG DIFF	CEILING DIFFUSER	FURN	FURNITURE	MH	MANHOLE
CLG HT	CEILING HEIGHT	FUT	FUTURE	MI	MILE
CLG REG	CEILING REGISTER	FWC	FABRIC WALL COVERING	MIR	MIRROR
CLO	CLOSET			MGL	MIRROR GLASS
CLR	CLEAR	G	GAS	MLDG	MOLDING
CMP	CORRUGATED METAL PIPE	GA	GAGE/GAUGE	MLWK	MILLWORK
CMU	CONCRETE MASONRY UNIT	GAL	GALLON	MO	MASONRY OPENING
CO	CLEANOUT	GALV	GALVANIZED	MOD	MODULE
COL	COLUMN	GB	GRAB BAR	MOD	MODUL
COM	COMMON	GI	GALVANIZED IRON	MPH	MILES PER HOUR
COMB	COMBINATION	GL	GLASS	MR	MOP RACK
COMPL	COMPLETE	GLU LAM	GLUE LAMINATED	MS	MIRROR WITH SHELF
CONC	CONCRETE	GLBM	GLUE LAMINATED BEAM	MTD	MOUNTED
CONC FL	CONCRETE FLOOR	GLZ	GLAZING	MTG	MEETING
COND	CONDENSER/CONDENSATE	GMLU	GLASS MASONRY UNIT	MTG	MOUNTING
CONF	CONFERENCE	GND	GROUND	MTR	METER
CONN	CONNECTION	GOVT	GOVERNMENT	MTR	MORTAR
CONSTR	CONSTRUCTION	GPH	GALLONS PER HOUR	MULL	MULLION
CONT	CONTINUOUS/CONTINUATION	GPM	GALLONS PER MINUTE	MULT	MULTIPLE
CONTR	CONTRACT/CONTRACTOR	GR	GRADE/GRADING	#	NUMBER
COORD	COORDINATE	GRC	GRAFITTI RESISTANT COATING	N	NORTH
CORR	CORRIDOR	GR BM	GRADE BEAM	NA	NOT APPLICABLE
COTG	CLEAN OUT TO GRADE	GR LN	GRADE LINE	NAT	NATURAL
COV	COVER	GRTG	GRATING	NCP	NON-REINFORCED CONCRETE PIPE
COV PL	COVER PLATE	GRV	GRAVITY ROOF VENTILATOR	NEG	NEGATIVE
CP	CONCRETE PAVING	GSTL	GALVANIZED STEEL	NC	NOT IN CONTRACT
CP	CONTROL PANEL	GV	GRAVITY VENT	NO	NUMBER
CPT	CARPET	GVL	GRAVEL	NOM	NOMINAL
CPVC	CHLORINATED POLYVINYL CHLORIDE	GVTR	GAS VENT THROUGH ROOF	NPS	NOMINAL PIPE SIZE
CR	CRASHRAIL	GYP	GYP SUM	NRC	NOISE REDUCTION COEFFICIENT
CR	COAT RACK/COAT ROD	GBD	GYP SUM BOARD	NST	NATURAL STONE TILE
CRSTL	COLD ROLLED STEEL	H	HIGH	NTS	NOT TO SCALE
CS	CHANGING STATION	H PLAM	HIGH PRESSURE LAMINATE	O/O	OUT TO OUT
CSK	COUNTERSINK	HC	HOLLOW CORE	OA	OUTSIDE AIR
CSMNT	CASEMENT	HO	HOSE BIBB	OB	OVERALL
CT	CERAMIC TILE	HC	HOLLOW CORE	OC	ON CENTER
CTV	CABLE TELEVISION	HDR	HEADER	OD	OUTSIDE DIAMETER
CU YD	CUBIC YARD	HDWL	HEADWALL	OD	OUTSIDE DIMENSION </td
CW	COLD WATER	HDWR	HEADWARE	OFCl	OWNER FURNISHED CONTRACTOR INSTALLED
CYL	CYLINDER	HD	HANGER	OFCl	OWNER FURNISHED OWNER INSTALLED
		HGT	HEIGHT	OH	OVERHEAD
		HHWS	HEX HEAD WOOD SCREW	OHD	OVERHEAD
		HM	HOLLOW METAL	OHWS	OVERHEAD
		HO	HOLD-OPEN	OPNG	OPENING
		HORIZ	HORIZONTAL	OPP	OPPOSITE
		HP	HIGH POINT	OPT	OPTIONAL
		HR	HOUR	ORD	OVERFLOW ROOF DRAIN
		HS	HIGH STRENGTH	ORIG	ORIGINAL
		HSB	HIGH STRENGTH BOLT	OVFL	OVERFLOW
		HTG	HEATING	OZ	OUNCE
		HTR	HEATER		
		HVY	HEAVY	J	PENNY
		HVAC	HEATING, VENTILATION, AIR CONDITIONING	PAR	PARALLEL
		HW	HOT WATER	PB	PANIC BAR
		HYD	HYDRANT	PBD	PARTICLEBOARD
				PC	PIECE

PC	POINT OF CURVE	SO	SQUARE
PC	PORTLAND CEMENT	SO FT	SQUARE FOOT
PCF	POUNDS PER CUBIC FOOT	SO IN	SQUARE INCH
PD	PLANTER DRAIN	SO YD	SQUARE YARD
PERF	PERFORATED	SS	SANITARY SEWER
PERIM	PERIMETER	SR	SHOWER ROD
PERM	PERMANENT	SSNK	SERVICE SINK
PERP	PERPENDICULAR	SSTL	STAINLESS STEEL
PF	PAINT FINISH	ST	STREET
PFX	PAINT FINISH - EXTERIOR	ST	STAIN FINISH
PGL	PLASTIC GLAZING	STA	STATION
PHAS	PHASE	STAG	STAGGERED
PHOTO	PHOTOGRAPH	STC	SOUND TRANSMISSION CLASS
PHS	PHILLIP HEAD SCREW	STD	STANDARD
PI	POINT OF INTERSECTION	STIF	STIFFENER
PV	POST INDICATOR VALVE	STIR	STIRRUP
PKG	PACKAGE	STL	STEEL
PL	PLATE	STOR	STORAGE
PL	PROPERTY LINE	STRUCT	STRUCTURAL
PLAM	PLASTIC LAMINATE	STX	STAIN FINISH - EXTERIOR
PLAS	PLASTER	SUH	SUSPENDED UNIT HEATER
PLAT	PLATFORM	SUSP	SUSPENDED
PLBG	PLUMBING	SV	STONE VENEER
PLF	POUNDS PER LINEAR FOOT	SWHR	SHOWER
PLYWD	PLYWOOD	SWR	SEWER
PNL	PANEL	SYM	SYMBOL
PNT	PAINT	SYM	SYMMETRICAL
POL	POLISHED	SYNH	SYNTHETIC
PORT	PORTABLE	SYS	SYSTEM
POS	POSITIVE		
PR	PAIR	T	TEE
PRCST	PRECAST	T	THERMOSTAT
PREFAB	PREFABRICATED	T	TREAD
PREFIN	PREFINISHED	T&B	TOP AND BOTTOM
PRELUM	PRELUMINARY	TONG	TONGUE AND GROOVE
PREP	PREPARATION	TAN	TANGENT
PRKG	PARKING	TB	TOWEL BAR
PROJ	PROJECT	TBD	TACKBOARD
PROP	PROPERTY	TBD	TO BE DETERMINED
PS	PROJECTION SCREEN	TBT	THIN BRICK TILE
PSF	POUNDS PER SQUARE FOOT	TC	TOP OF CONCRETE
PSI	POUNDS PER SQUARE INCH	TC	TOP OF CURB
PTD	PAPER TOWEL DISPENSER	TD	TOWEL DISPENSER
PTN	PARTITION	TD	TRENCH DRAIN
PTR	PAPER TOWEL RECEPTACLE	TDR	TOWEL DISPENSER WASTE RECEPTACLE
PTS	PNEUMATIC TUBE STATION	TE	TELEPHONE
PVC	POLYVINYL CHLORIDE	TECH	TECHNICAL
PVG	PAVING	TEL	TELEPHONE
PVMT	PAVEMENT	TEMP	TEMPERED
PWR	POWER	TEMP	TEMPERATURE
		TEMP	TEMPORARY
QT	QUARRY TILE	TER	TERRAZZO
QTR	QUARTER	TERM	TERMINAL
QTY	QUANTITY	THK	THICKNESS
QUAL	QUALITY	THRESH	THRESHOLD
		THRU	THROUGH
RA	RETURN AIR	TOMB	TOP OF BEAM
RA GR	RETURN AIR GRILLE	TOC	TOP OF CURB
RAD	RADIUS	TOF	TOP OF FOOTING
RB	RUBBER BASE	TOL	TOLERANCE
RBR	RUBBER	TOM	TOP OF MASONRY
RC	REINFORCED CONCRETE	TOP	TOP OF PAVING
RCP	REINFORCED CONCRETE PIPE	TOP	TOP OF PARAPET
RD	ROAD	TOS	TOP OF SHEATHING
RD	ROOF DRAIN	TOS	TOP OF STEEL
REC	RECESSED	TOT	TOTAL
RECD	RECEIVED	TOW	TOP OF WALL
RECIRC	RECIRCULATE	TPH	TOILET PAPER HOLDER
RECPT	RECEPTACLE	TPR	TOP OF PAPER
RECPT	RECEPTIONIST	TRANS	TRANSPARENT
RECT	RECTANGULAR	TRMS	TAMPER RESISTANT METAL SCREW
REF	REFERENCE	TRWS	TAMPER RESISTANT WOOD SCREW
REFL	REFLECTOR	TS	TUBE STEEL
REFR	REFRIGERATOR	TYP	TELEVISION
REG	REGISTER	TYP	TYPICAL
REIN	REINFORCED/REINFORCING		
REM	REMOVABLE	UC	UNDERCUT
RE	RIM ELEVATION	UNFIN	UNFINISHED
REQD	REQUIRED	UNGND	UNDERGROUND
RESIL	RESILIENT	UNIF	UNIFORM
RET	RETURN	UNL	UNLESS NOTED OTHERWISE
RFG	ROOFING	UR	URINAL
RH	RELATIVE HUMIDITY	UTIL	UTILITY
RH	RIGHT HAND	UV	ULTRAVIOLET
RHMS	ROUND HEAD MACHINE SCREW		
RHR	ROUND HEAD REVERSE	VAC	VACUUM
RHW	ROUND HEAD WOOD SCREW	VAV	VARIABLE AIR VOLUME
RLG	RAILING	VB	VALVE BOX
RM	ROOM	VB	VINYL BASE
RND	ROUND	VCT	VINYL COMPOSITION TILE
RO	ROUGH OPENING	VCP	VITRIFIED CLAY PIPE
ROW	ROUGH OPENING	VCRD	VINYL COVERED TACKBOARD
RWP	RIGID PROTECTIVE WALLCOVERING	VENT	VENTILATOR
RS	ROOM SIGN	VERT	VERTICAL
RSF	RESILIENT SHEET FLOORING	VEST	VESTIBULE
RTF	RESILIENT TILE FLOOR	VIB	VIBRATION
RWC	RAIN WATER CONDUCTOR	VIT	VITREOUS
RWF	RESILIENT WOOD FLOOR	VNR	VENEER
RWL	RAIN WATER LEADER	VOL	VOLUME
		VS	VEHICULAR SIGN
S	SOUTH	VTR	VENT THROUGH ROOF
S	SHELF	VWC	VINYL WALL COVERING
SA	SUPPLY AIR	W	WEST
SAG	SUPPLY AIR GRILLE	WI	WITH
SALV	SALVAGE	W/O	WITHOUT
SAN	SANITARY	W/W	WALL TO WALL
SAT	SATURATION	WC	WATER CLOSET
SB	SPLASH BLOCK	WCO	WALL CLEANOUT
SC	SHOWER CURTAIN	WD	WOOD
SC	SOLID CORE	WDW	WINDOW
SCD	SEAT COVER DISPENSER	WF	WIDE FLANGE
SCHED	SCHEDULE	WGL	WIRE GLASS
SD	SOAP DISPENSER	WH	WALL HYDRANT
SD	STORM DRAIN	WHTR	WATER HEATER
SD	SUPPLY DIFFUSER	WI	WROUGHT IRON
SDS	SITE DIRECTIONAL SIGN	WIC	WOODWORK INSTITUTE OF CALIFORNIA
SEC	SECOND	WID	WIDTH
SECT	SECTION	WL	WATER LINE
SGL	SINGLE	WL	WIND LOAD
SHT	SHEETS/SHEETING	WP	WORKING POINT
SHTG	SHEATHING	WP	WATERPROOF
SHV	SHELVES/SHELVING	WR	WATER RESISTANT
SHT	SHEET	WR	WASTE RECEPTACLE
SHTHG	SHEATHING	WSC	WAINSCOT
SM	SIMILAR	WSP	WET STAND PIPE
SLV	SLEEVE	WTR	WATER
SM	SHEET METAL	WTR	WATER
SMS	SHEET METAL SCREW	WTRPRF	WATERPROOFING
SNK	SINK	WWF	WELDED WIRE FABRIC
SP	SPACING		
SPCL	SPECIAL	XFMR	TRANSFORMER
SPEC	SPECIFICATION		
SPD	SANITARY PRODUCTS DISPENSER	YB	YARD BOX
SFRM	SPRAYED FIRE RESISTIVE MATERIAL	YD	YARD
SPKLR	SPRINKLER		
SPKR	SPEAKER	ZA	ZINC ALLOY
SPLY	SUPPLY		
SPW	SANITARY PRODUCTS WASTE RECEPTACLE		

## SYMBOLS

	NORTH ARROW
	FINISH FLOOR LEVEL
	STRUCTURAL GRID LINES
	MATCH LINE
	DETAIL REFERENCE TAG DETAIL NUMBER SHEET NUMBER
	BUILDING SECTION TAG DETAIL NUMBER SHEET NUMBER
	BUILDING ELEVATION TAG DETAIL NUMBER SHEET NUMBER
	ROOM NAME TAG ROOM NUMBER ROOM CEILING HEIGHT
	INTERIOR ELEVATION TAG DETAIL NUMBER SHEET NUMBER
	WALL/ROOF TYPE TAG (SEE FLOOR PLANS, ELEVATIONS, WALL SECTIONS)
	WINDOW NUMBER TAG (SEE FLOOR PLANS AND ELEVATIONS)
	GATE/DOOR NUMBER TAG (SEE FLOOR PLANS AND ELEVATIONS)
	DEMOLITION/CONSTRUCTION KEYNOTE (SEE SITE PLANS, FLOOR PLANS, ELEVATIONS AND WALL SECTIONS)

## AGENCY REVIEW



**LITTLE**  
DIVERSIFIED ARCHITECTURAL CONSULTING

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## CLIENT NAME

**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

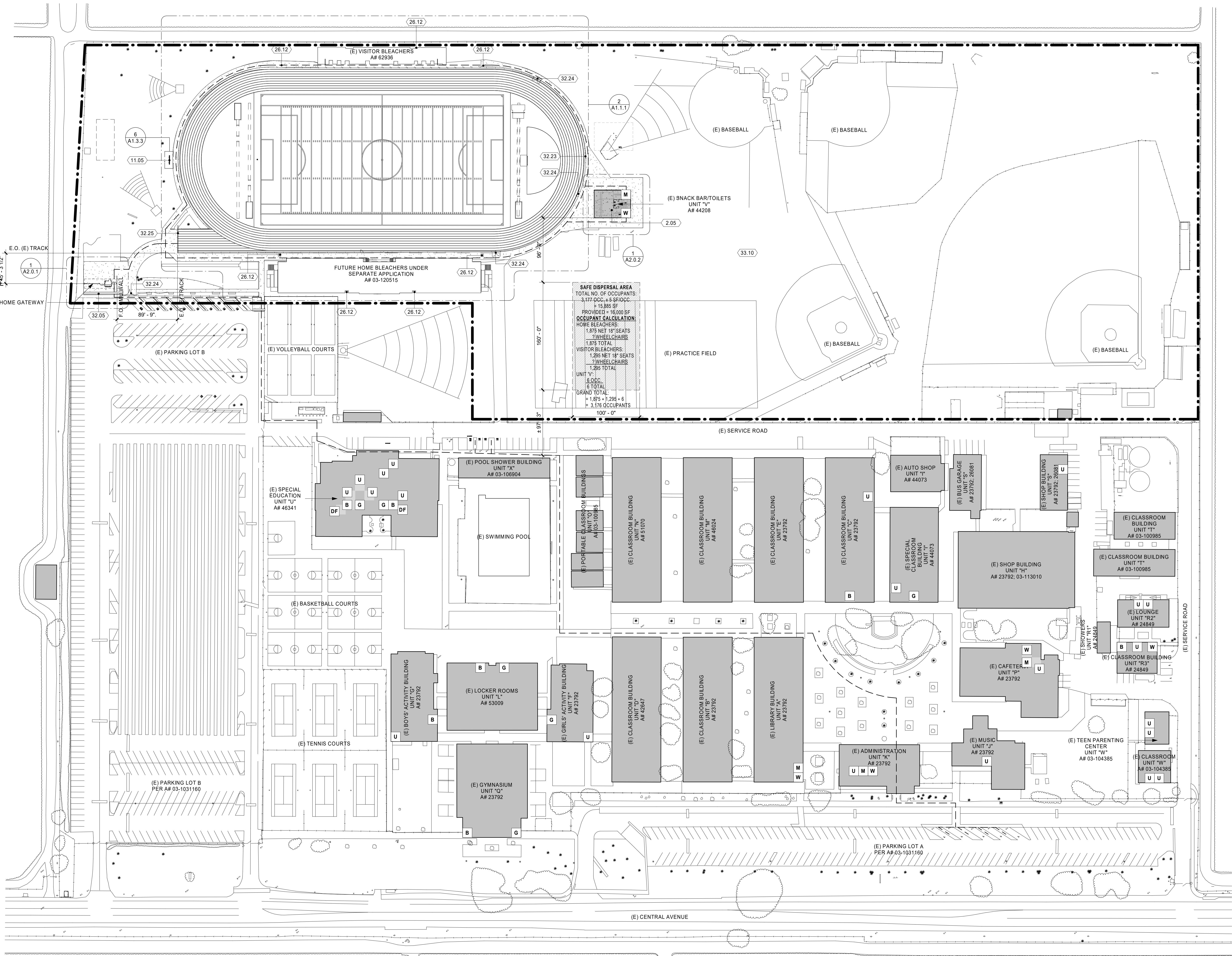
## PROJECT NAME

**RIO MESA HIGH SCHOOL TRACK &  
FIELD IMPROVEMENTS**

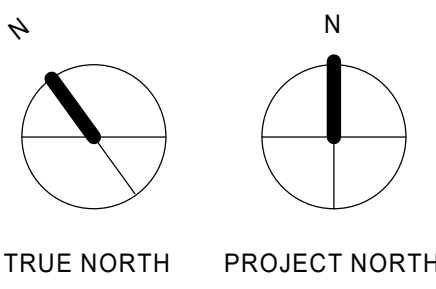
**545 CENTRAL AVENUE,  
OXNARD, CA. 93036**

## CONSULTANT





OVERALL SITE PLAN 1  
1" = 60'-0"



KEYNOTES	
2.05	(E) FIELD BUILDING UNIT "V" TO BE MODERNIZED. SEE SHEET A2.0.2
11.05	(N) SCOREBOARD, SEE DETAIL 6/A1.3.3 AND APPROVED DSA PC# 04-116017 DRAWINGS - 11 68 43.13
26.12	(N) STADIUM LIGHTING FIXTURES ON (E) STADIUM LIGHTING POLES. SEE SHEETS M51 AND M52 OF MUSCO STADIUM LIGHTING SHEETS.
32.05	DETECTABLE WARNING SURFACE PANEL - 32 13 13
32.23	CHAIN LINK PEDESTRIAN GATE - 32 31 13. SEE DETAIL 6/A0.0.2
32.24	CHAIN LINK SWING GATE - 32 31 13. SEE DETAIL 4/A0.0.2
32.25	CHAIN LINK SLIDING GATE - 32 31 13. SEE DETAIL 6/A1.3.1
33.10	IMPROVE (E) PLAYFIELD/SITE DRAINAGE AND IRRIGATION. SEE CIVIL DRAWINGS

#### ACCESSIBILITY NOTES

1. ARCHITECT TO VERIFY PATH OF TRAVEL REQUIREMENTS ARE MET FOR P.O.T. FROM ACCESSIBLE PARKING AND PUBLIC WAY TO RESTROOMS, DRINKING FOUNTAINS, SCHOOL ADMINISTRATION BUILDING, ACCESSIBLE SEATING AND INSIDE TRACK AS INDICATED. ANY DEVIATION FROM P.O.T. DEFINITION LISTED BELOW SHALL BE BROUGHT INTO COMPLIANCE BY THE ARCHITECT PREPARING A C.C.D. AND SUBMITTING IT TO DSA FOR APPROVAL.
2. PATH OF TRAVEL (P.O.T.) AS INDICATED IS A BARRIER-FREE ACCESS WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE. EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL AND IS AT LEAST 48" WIDE. SURFACE IS SLIP-RESISTANT, STABLE, FIRM, AND SMOOTH. CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5%, UNLESS OTHERWISE INDICATED. P.O.T. SHALL MAINTAIN FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (CBC 11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM THE WALL AND ABOVE 27" AND LESS THAN 80" (CBC 11B-307). ARCHITECT TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT, AND PATH OF TRAVEL COMPLIES WITH CHAPTER 11 DIVISION 4 OF THE 2016 CBC.
3. ALL NEW PAVING AND SURFACING TO BE FLUSH TO EXISTING PAVING EDGE.
4. FOR GRADE ELEVATIONS, SEE CIVIL DRAWINGS.
5. FOR DEMOLITION WORK, SEE CIVIL DRAWINGS.
6. DIMENSIONS ARE TO BE FIELD VERIFIED.
7. ALL EXISTING ELEMENTS TO REMAIN SHALL BE PROTECTED IN PLACE, TYP.

#### LEGEND

	(E) BUILDING TO REMAIN
	EXTENT OF SCOPE OF WORK
	ACCESSIBLE PATH OF TRAVEL 4'-0" WIDE MIN. CONCRETE OR A.C. PAVED. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION ON MATERIAL, SLOPES AND ELEVATIONS.
	WOMEN'S RESTROOM
	MEN'S RESTROOM
	DRINKING FOUNTAIN

#### PARKING ANALYSIS

TOTAL SPACES PROVIDED:	592
(E) PARKING LOT A:	119
ACCESSIBLE SPACES:	REQUIRED: 5 PROVIDED: 5
VAN ACCESSIBLE SPACES:	REQUIRED: 1 PROVIDED: 1
(E) PARKING LOT B:	473
ACCESSIBLE SPACES:	REQUIRED: 9 PROVIDED: 17
VAN ACCESSIBLE SPACES:	REQUIRED: 2 PROVIDED: 2

#### STATEMENT BY DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE

"THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE 2016 CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."

#### DSA CERTIFICATIONS

DSA #	STATUS
44208	CERTIFICATION AND CLOSE OF FILE, LETTER TYPE #1, 09/07/1998
03 105667	CERTIFICATION AND CLOSE OF FILE, LETTER TYPE #1, 04/30/2002
03 104385	CERTIFICATION AND CLOSE OF FILE, LETTER TYPE #1, 07/26/2001
03 106904	CERTIFICATION AND CLOSE OF FILE, LETTER TYPE #5, 10/11/2007
03 103034	CERTIFICATION AND CLOSE OF FILE, LETTER TYPE #2, 04/08/2014
03 103160	CERTIFICATION AND CLOSE OF FILE, LETTER TYPE #1, 02/09/2008
03-113746	CERTIFICATION AND CLOSE OF FILE, LETTER TYPE #1, 02/27/2013
03-113010	CERTIFICATION AND CLOSE OF FILE, LETTER TYPE #2, 10/30/2013
03-103019	CERTIFICATION AND CLOSE OF FILE, LETTER TYPE #2, 02/02/2017
03-120515	UNDER DSA REVIEW, APPLICATION SUBMITTED 03/03/2020

#### AGENCY REVIEW

IDENTIFICATION STAMP	
DIV. OF THE STATE ARCHITECT	INC.
APP. 03-120293	REVIEWED FOR
SS <input checked="" type="checkbox"/>	FLS <input checked="" type="checkbox"/>
DATE: 03/23/2020	ACS <input checked="" type="checkbox"/>

**LITTLE**  
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#### CLIENT NAME

**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

#### PROJECT NAME

**RIO MESA HIGH SCHOOL TRACK &  
FIELD IMPROVEMENTS**

**545 CENTRAL AVENUE,  
OXNARD, CA. 93036**

#### CONSULTANT

#### SEAL



#### ISSUE FOR

**DSA SUBMITTAL**

#### ISSUE DATE

03/23/2020

#### REVISIONS

NO.	REASON	DATE

#### PROJECT TEAM

PRINCIPAL IN CHARGE

JT

PROJECT MANAGER

LEB

DESIGN TEAM

FM /RG /JR /CL

PROJECT NAME

**RIO MESA HIGH SCHOOL  
TRACK & FIELD  
IMPROVEMENTS**

#### PROJECT NO.

**6121235307**

#### SHEET TITLE

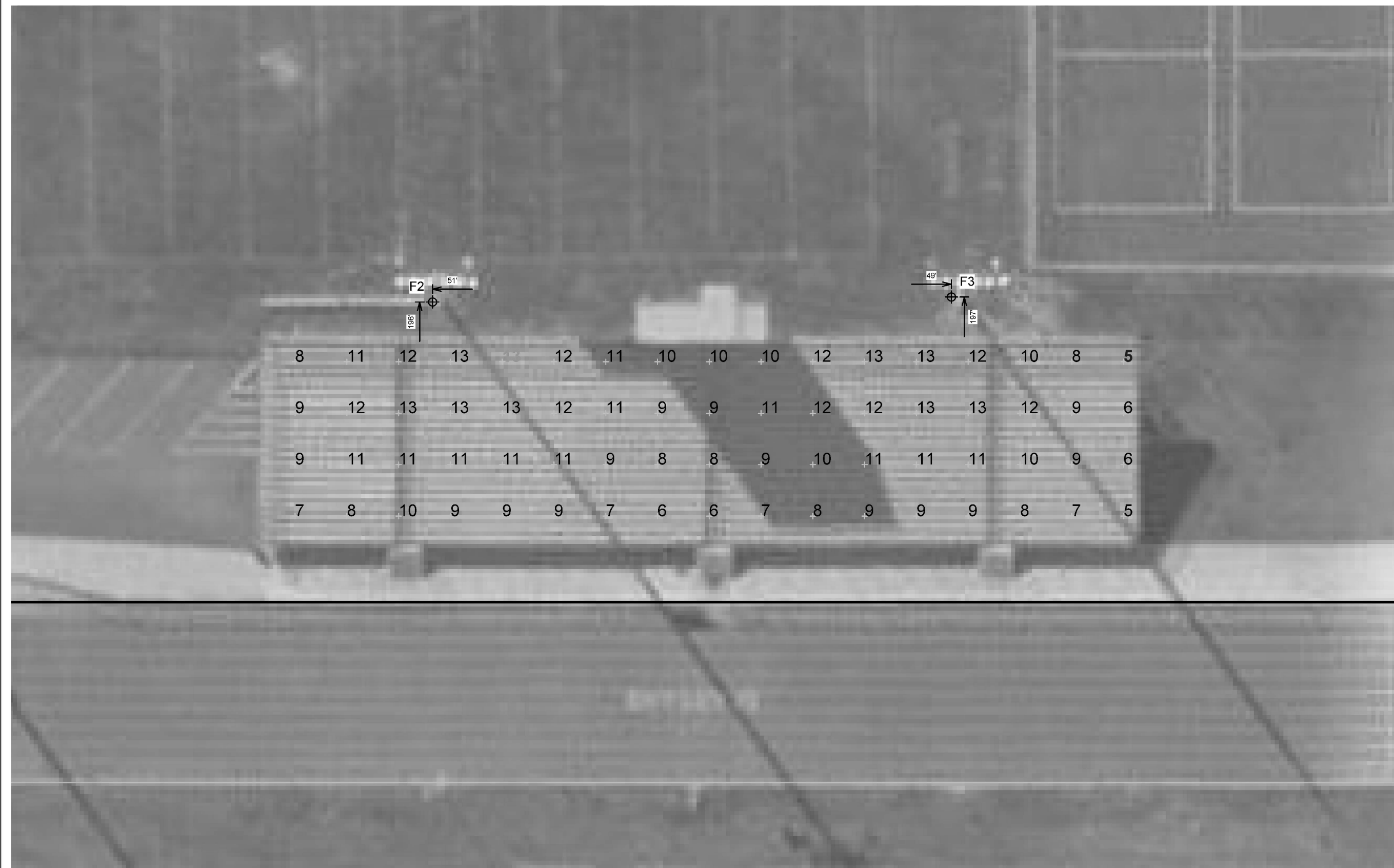
**OVERALL SITE PLAN**

#### SHEET NUMBER

**A10.1**



EQUIPMENT LIST FOR AREAS SHOWN									
Qty		Location	Pole	Size	Height	Mounting	Luminaire	Qty	Notes
1	2	3	4	5	6	7	8	9	10
1	1	F1	90'	-	90'	TLC-LED-1500	1	1	O
2	2	F2-F3	90'	-	90'	TLC-LED-1500	1	1	O
1	1	F4	90'	-	90'	TLC-LED-1500	1	1	O
1	1	F5	90'	-	90'	TLC-LED-1500	2	2	O
TOTALS							6	6	O



ENGINEERED DESIGN By: T. Hamilton • File #201831D\_Egress • 19-Mar-20

Rio Mesa High School Football Retrofit  
Oxnard, CA

GRID SUMMARY	
Name:	South Seating
Size:	Irregular
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
Entire Grid	
Scan Average:	8.88
Maximum:	13
Minimum:	5
Avg / Min:	2.00
Max / Min:	2.66
UG (adjacent pts):	1.55
CU:	0.12
No. of Points:	68
LUMINAIRE INFORMATION	
Color / CRI:	5700K - 75 CRI
Luminaire Output:	65,600 / 160,000 lumens
No. of Luminaires:	6
Total Load:	5.18 kW
Lumen Maintenance	
Luminaire Type	150 hrs 180 hrs 170 hrs
TLC-ED-600	>120,000 >120,000 >120,000
TLC-LED-1500	>120,000 >120,000 >120,000

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.  
Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.  
Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.  
Installation Requirements: Results assume a 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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#### ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN									
Qty		Location	Pole	Size	Height	Mounting	Luminaire	Qty	Notes
1	2	3	4	5	6	7	8	9	10
1	1	F1	90'	-	90'	TLC-LED-1500	1	1	O
2	2	F2-F3	90'	-	90'	TLC-LED-600	1	1	O
1	1	F4	90'	-	90'	TLC-LED-1500	1	1	O
1	1	F5	90'	-	90'	TLC-LED-600	2	2	O
TOTALS							6	6	O



ENGINEERED DESIGN By: T. Hamilton • File #201831D\_Egress • 19-Mar-20

Rio Mesa High School Football Retrofit  
Oxnard, CA

GRID SUMMARY	
Name:	Path of Egress
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
Entire Grid	
Scan Average:	2.584
Maximum:	5.90
Minimum:	0.02
No. of Points:	56
LUMINAIRE INFORMATION	
Color / CRI:	5700K - 75 CRI
Luminaire Output:	65,600 / 160,000 lumens
No. of Luminaires:	6
Total Load:	5.18 kW
Lumen Maintenance	
Luminaire Type	150 hrs 180 hrs 170 hrs
TLC-ED-600	>120,000 >120,000 >120,000
TLC-LED-1500	>120,000 >120,000 >120,000

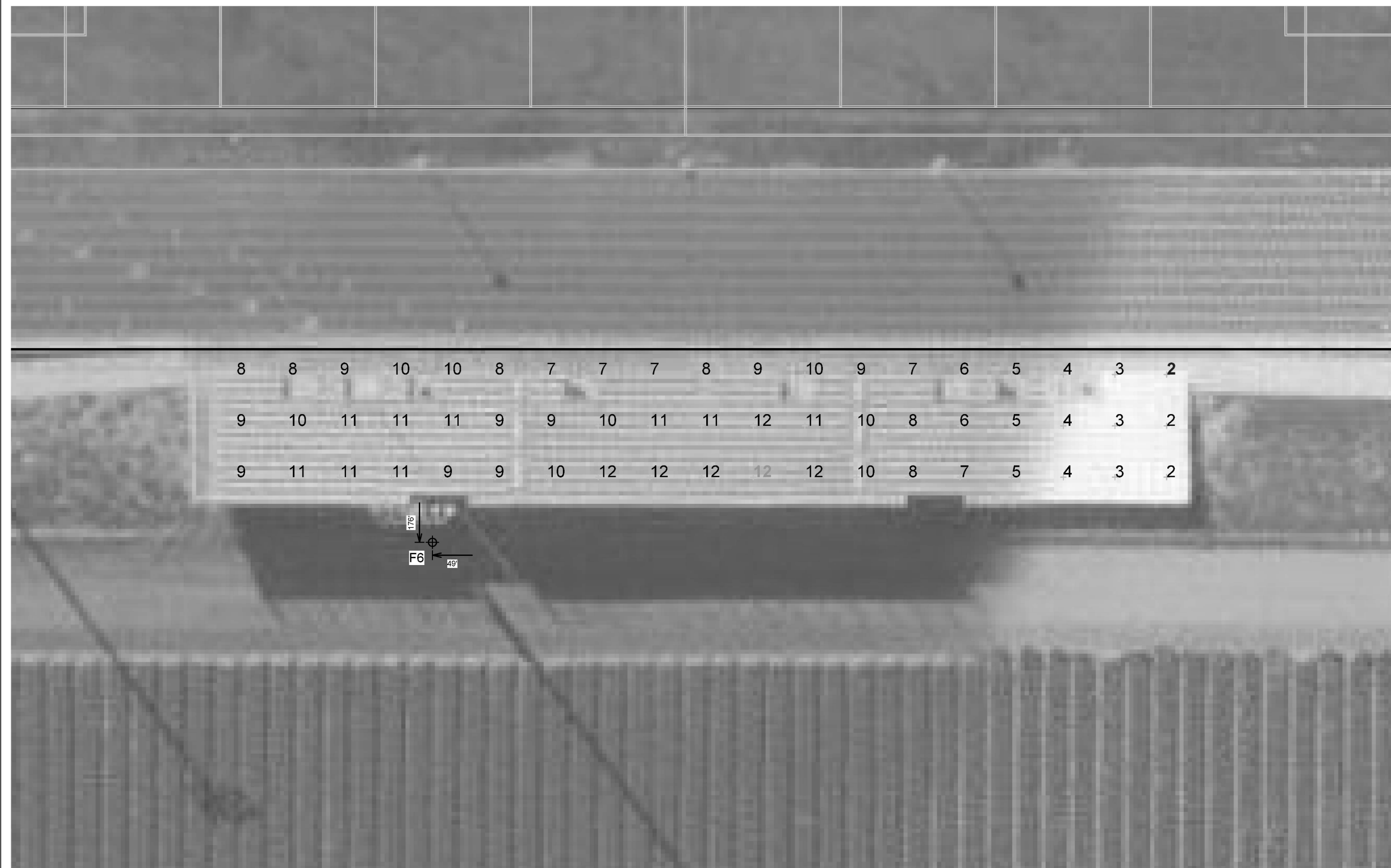
Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.  
Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.  
Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.  
Installation Requirements: Results assume a 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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#### ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN									
Qty		Location	Pole	Size	Height	Mounting	Luminaire	Qty	Notes
1	2	3	4	5	6	7	8	9	10
1	1	F1	90'	-	90'	TLC-LED-1500	1	1	O
2	2	F2-F3	90'	-	90'	TLC-LED-600	1	1	O
1	1	F4	90'	-	90'	TLC-LED-1500	1	1	O
1	1	F5	90'	-	90'	TLC-LED-600	2	2	O
TOTALS							6	6	O



ENGINEERED DESIGN By: T. Hamilton • File #201831D\_Egress • 19-Mar-20

Rio Mesa High School Football Retrofit  
Oxnard, CA

GRID SUMMARY	
Name:	North Seating
Size:	Irregular
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
Entire Grid	
Scan Average:	8.29
Maximum:	12
Minimum:	2
Avg / Min:	3.52
Max / Min:	5.31
UG (adjacent pts):	1.55
CU:	0.08
No. of Points:	57
LUMINAIRE INFORMATION	
Color / CRI:	5700K - 75 CRI
Luminaire Output:	65,600 / 160,000 lumens
No. of Luminaires:	6
Total Load:	5.18 kW
Lumen Maintenance	
Luminaire Type	150 hrs 180 hrs 170 hrs
TLC-ED-600	>120,000 >120,000 >120,000
TLC-LED-1500	>120,000 >120,000 >120,000

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.  
Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.  
Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.  
Installation Requirements: Results assume a 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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#### ILLUMINATION SUMMARY

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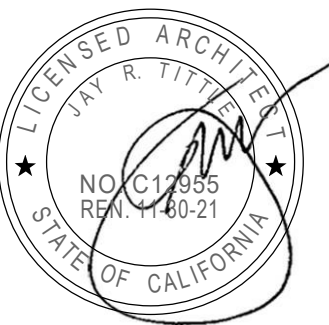
#### PROJECT NAME

**RIO MESA HIGH SCHOOL TRACK &  
FIELD IMPROVEMENTS**

**545 CENTRAL AVENUE,  
OXNARD, CA. 93036**

#### CONSULTANT

#### SEAL



#### ISSUE FOR

DSA SUBMITTAL

#### ISSUE DATE

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#### REVISIONS

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#### PROJECT TEAM

PRINCIPAL IN CHARGE

PROJECT MANAGER

DESIGN TEAM

#### PROJECT NAME

**RIO MESA HIGH SCHOOL  
TRACK & FIELD  
IMPROVEMENTS**

#### PROJECT NO.

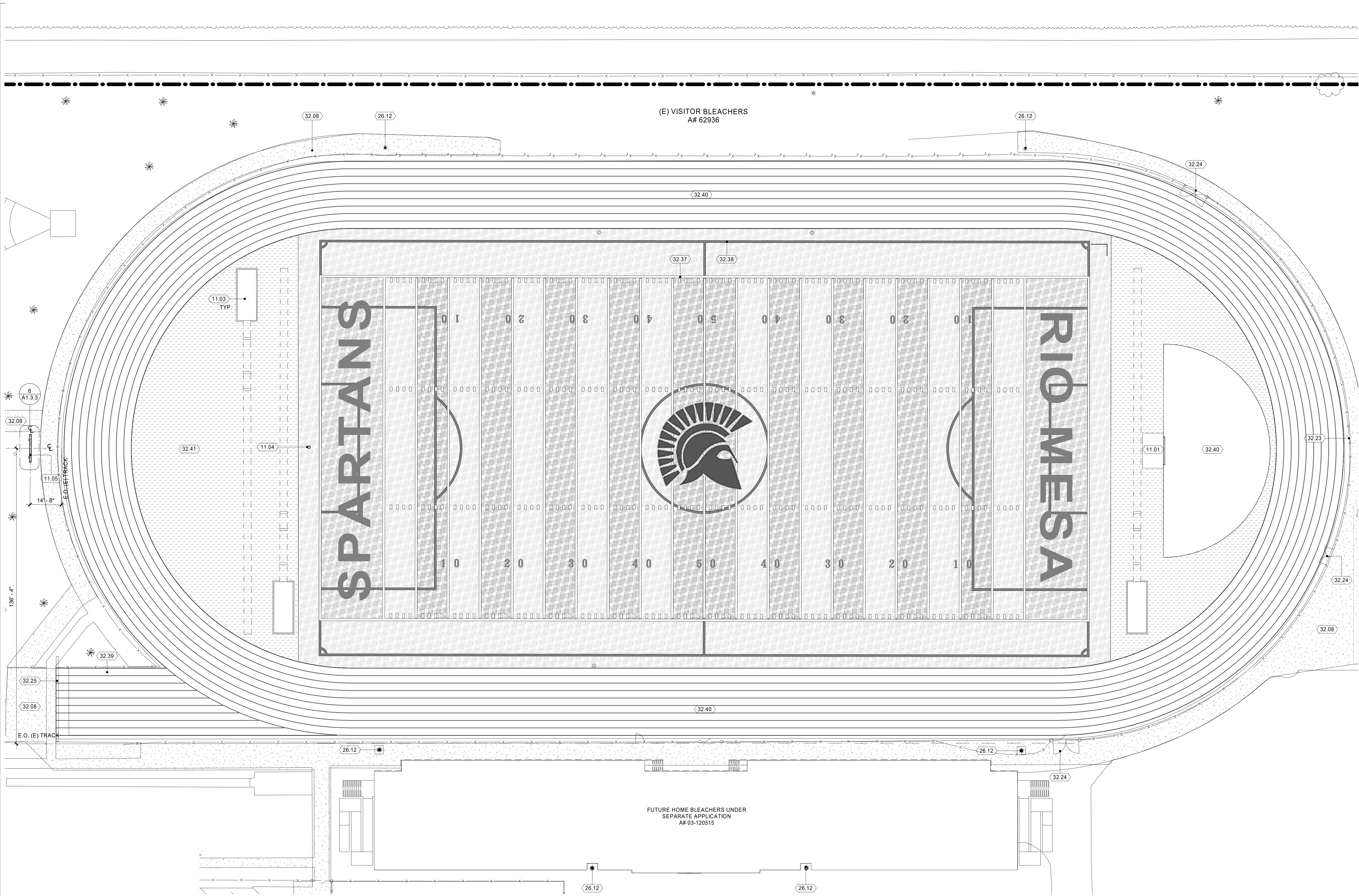
**6121235307**

**EGRESS PHOTOMETRIC SCANS**

#### SHEET NUMBER

**A1.0.2**





#### KEYNOTES

- 11.01 (N) HIGH JUMP, SEE DETAIL 7/A1.3.2 - 11 68 33 43  
11.03 (N) LONG/TRIPLE JUMP, SEE DETAIL 2/A1.3.3 - 11 68 33 43  
11.04 (N) GOAL POST, SEE DETAIL 1/A1.3.3 - 11 68 33 13  
11.05 (N) SCOREBOARD, SEE DETAIL 6/A1.3.3 AND APPROVED DSA PDF 04-116017 DRAWINGS - 11 68 43 13  
26.12 (N) STADIUM LIGHTING FIXTURES ON (E) STADIUM LIGHTING POLES, SEE SHEETS MS1 AND MS2 OF MUSCO STADIUM LIGHTING SHEETS  
32.08 CONCRETE PAVING - 32 13 13  
32.23 CHAIN LINK PEDESTRIAN GATE - 32 31 13. SEE DETAIL 8/A9.0.2  
32.24 CHAIN LINK SWING GATE - 32 31 13. SEE DETAIL 4/A9.0.2  
32.25 CHAIN LINK SLIDING GATE - 32 31 13. SEE DETAIL 6/A1.3.1  
32.37 FOOTBALL FIELD STRIPING, SEE DETAIL 1/A1.3.2 - 32 18 23 29  
32.38 SOCCER FIELD STRIPING, SEE DETAIL 6/A1.3.2 - 32 18 23 29  
32.39 RUNNING TRACK STRIPING, SEE DETAIL 4/A1.3.2 - 32 18 23 33  
32.40 SYNTHETIC RUNNING TRACK SURFACING - 32 18 23 33  
32.41 SYNTHETIC TURF - 32 18 23 29

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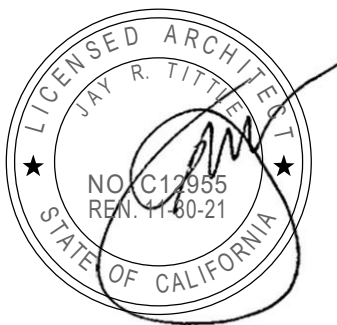
#### PROJECT NAME

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#### CONSULTANT

#### SEAL



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#### PROJECT TEAM

PRINCIPAL IN CHARGE

JT

PROJECT MANAGER

LEB

DESIGN TEAM

FM /RG /JR /CL

#### PROJECT NAME

**RIO MESA HIGH SCHOOL  
TRACK & FIELD  
IMPROVEMENTS**

#### PROJECT NO.

**6121235307**

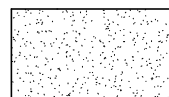
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**ENLARGED SITE PLAN**

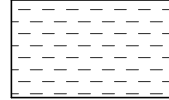
#### SHEET NUMBER

**A1.1.1**

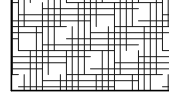
#### LEGEND



CONCRETE PAVING CP-1

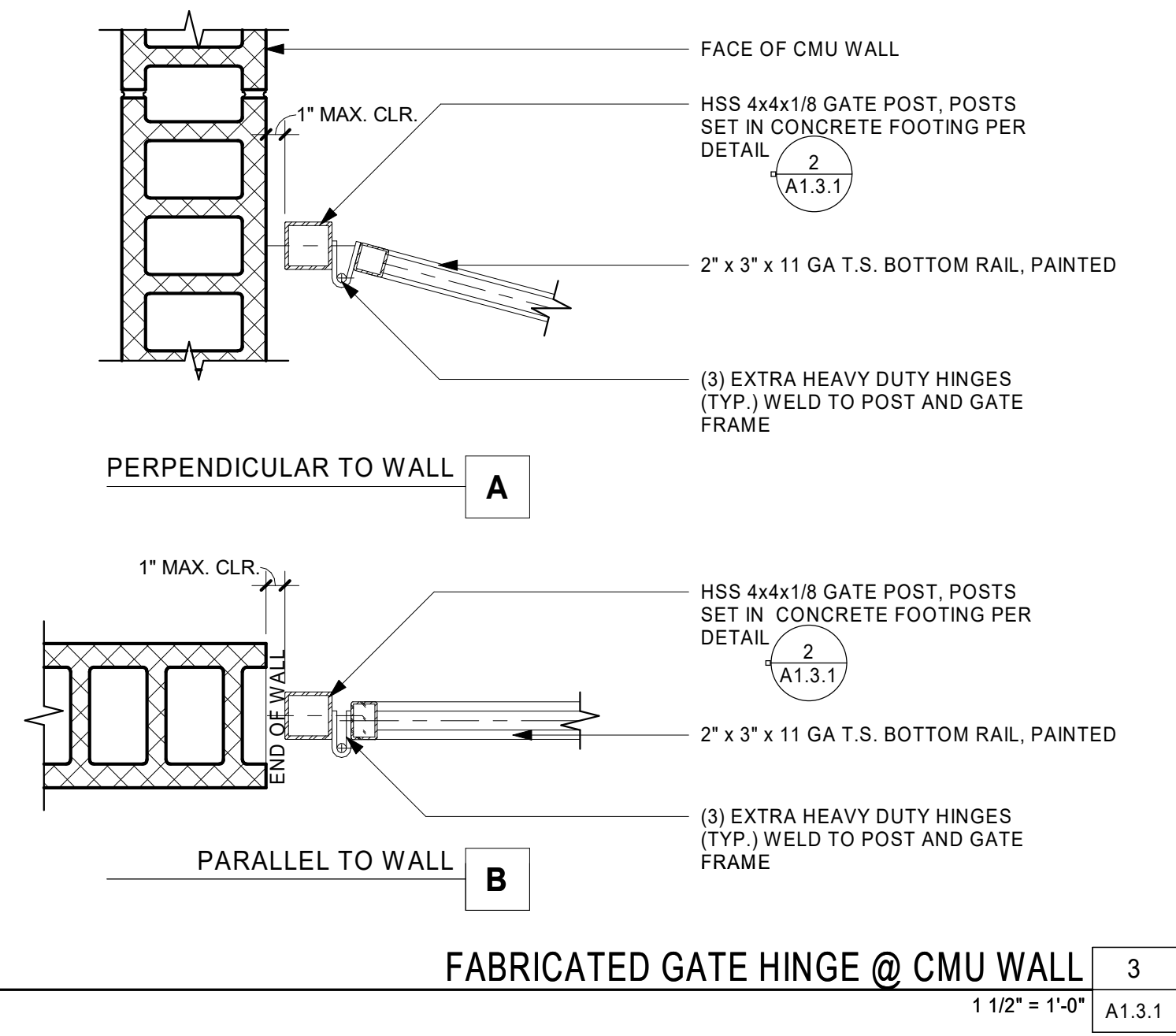
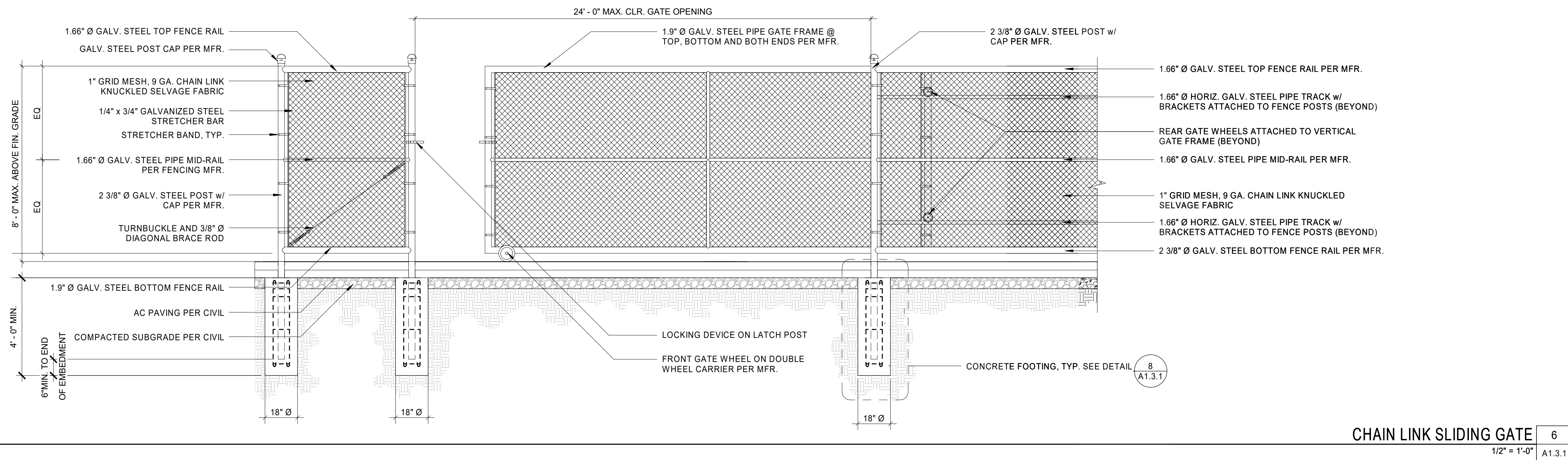
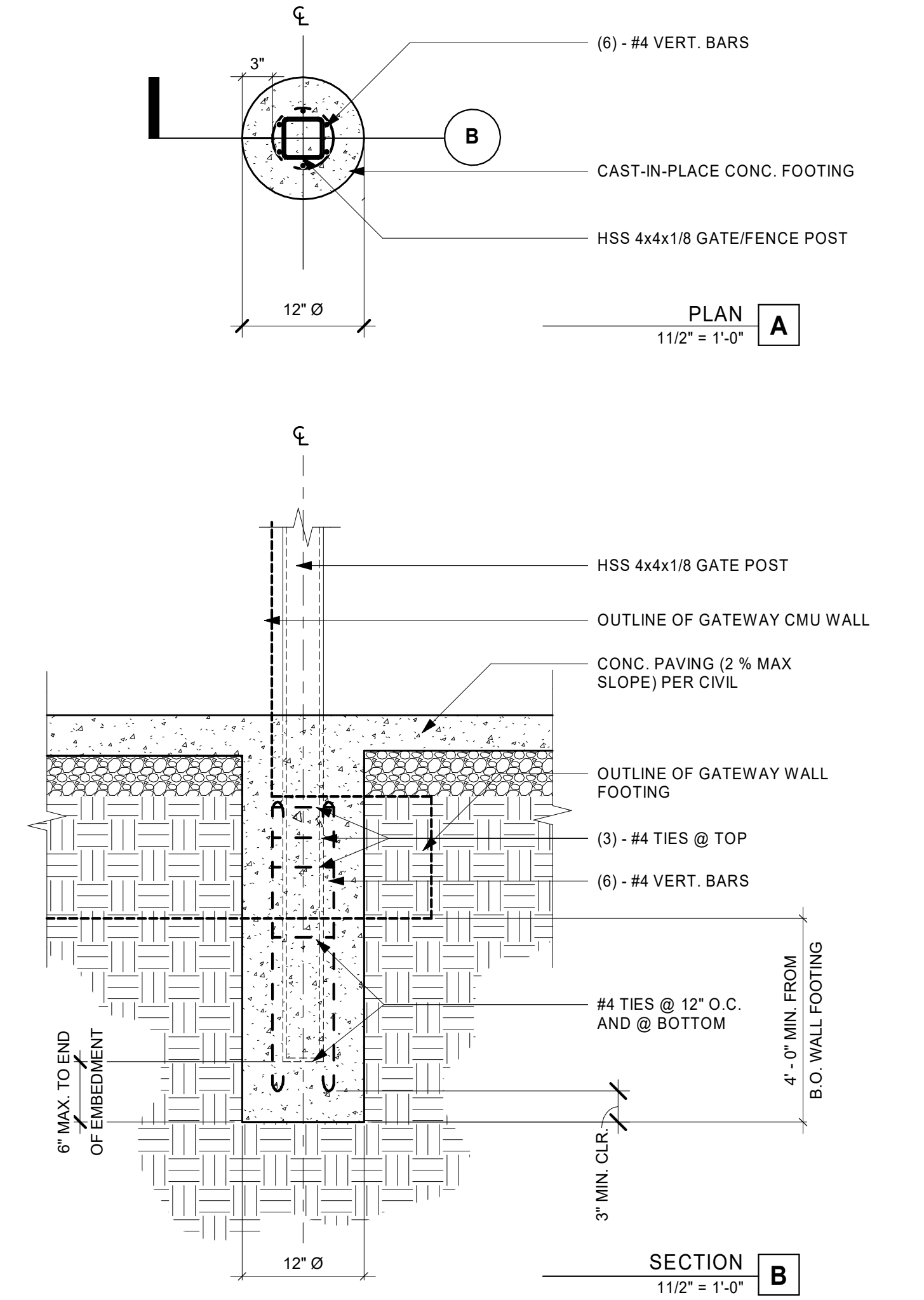
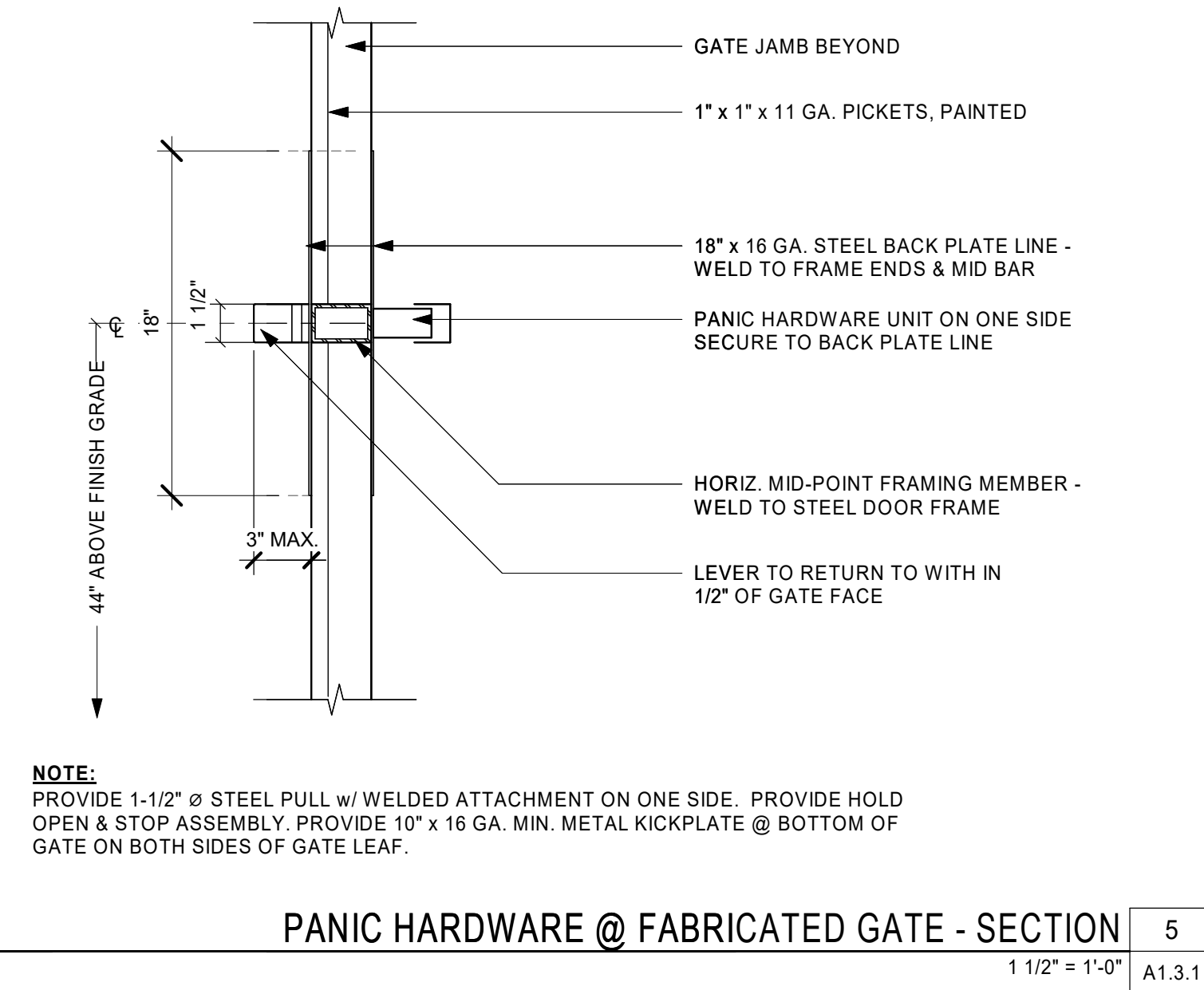
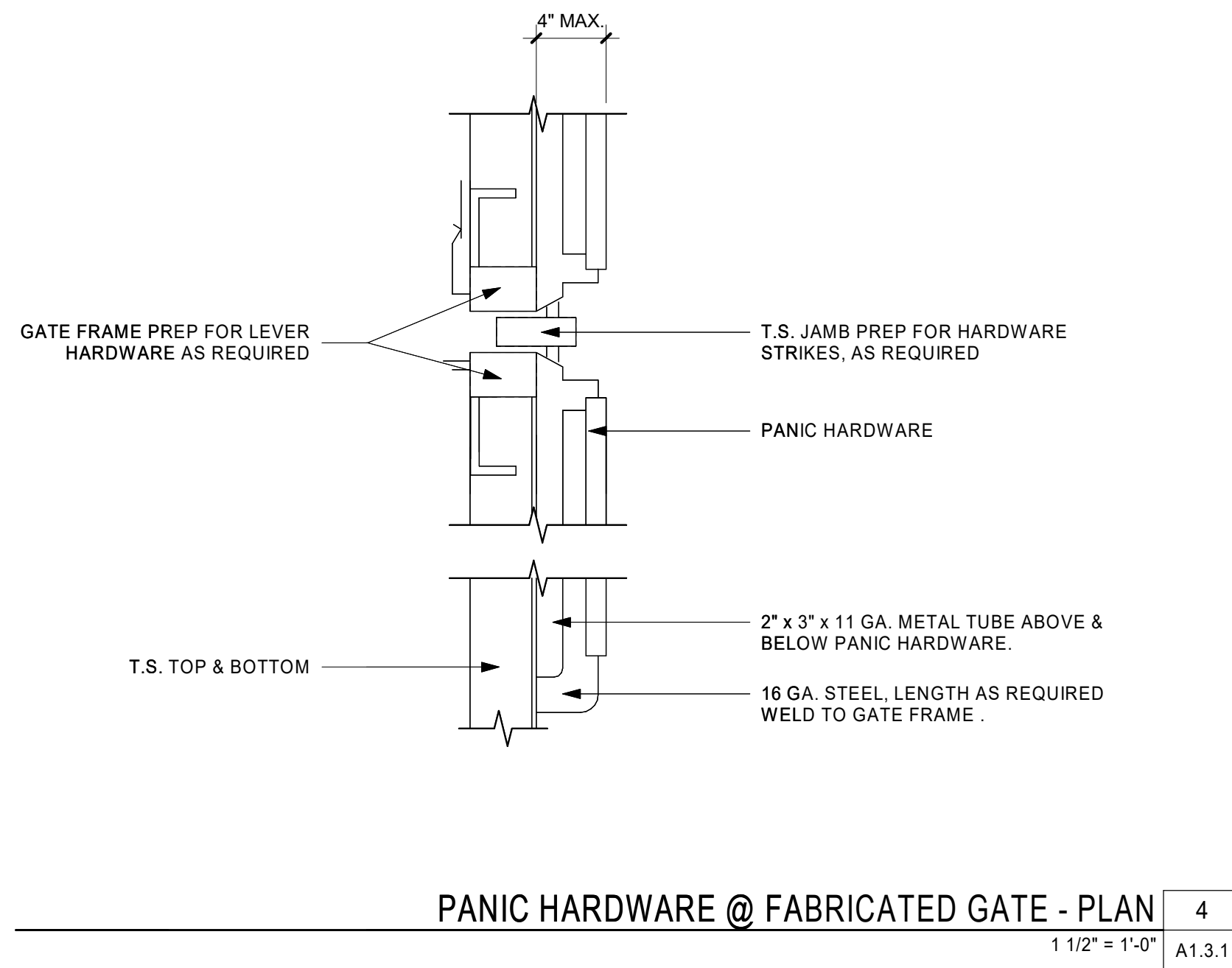
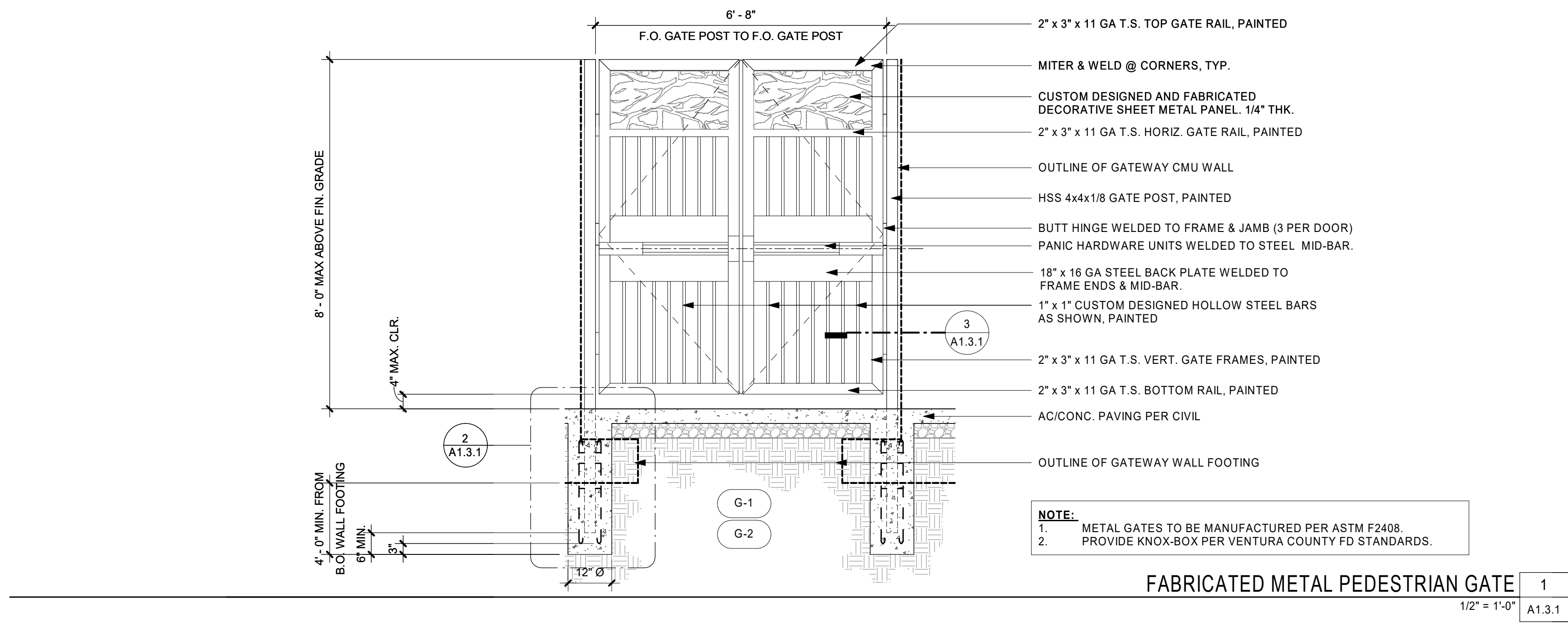
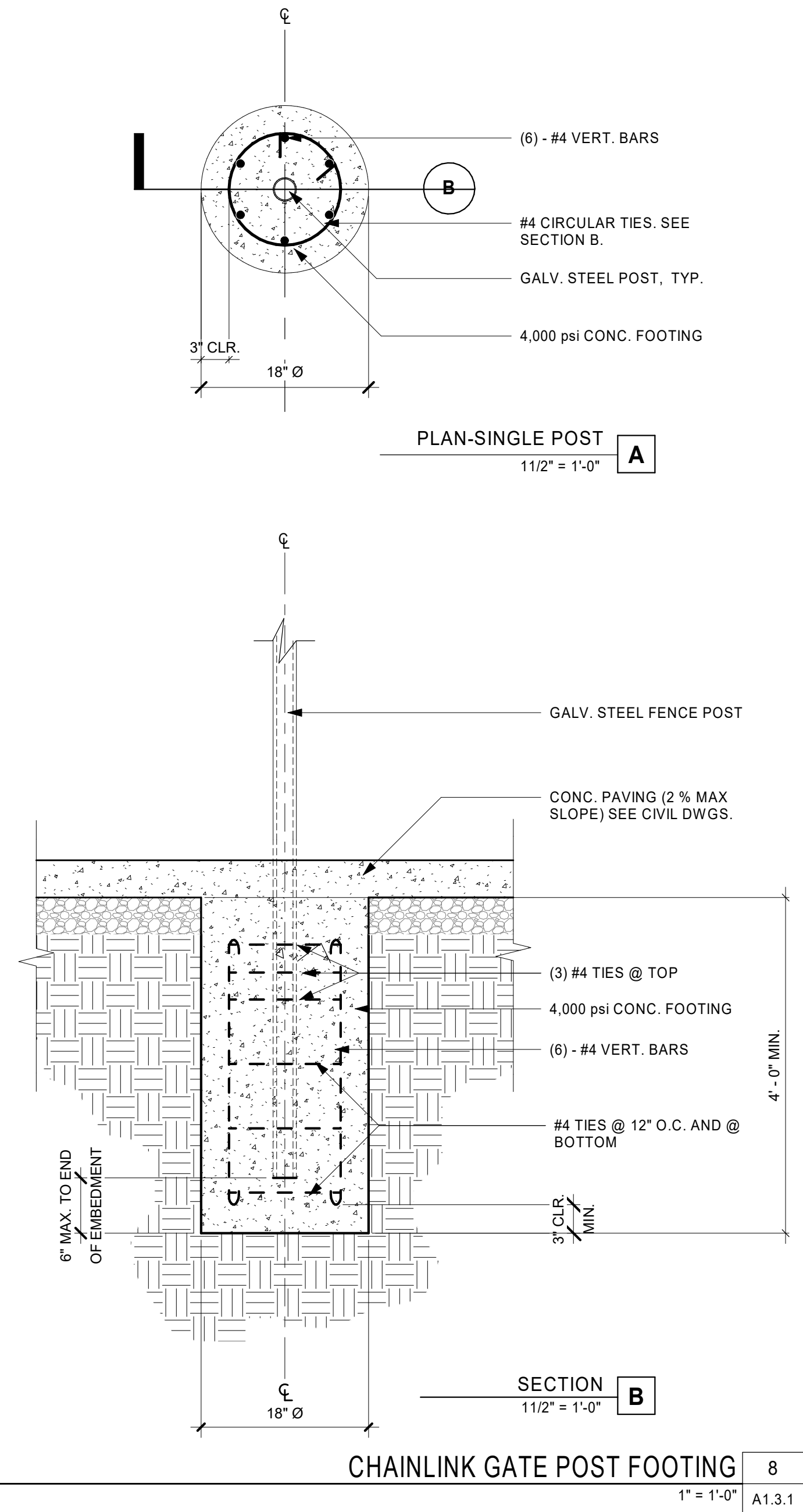
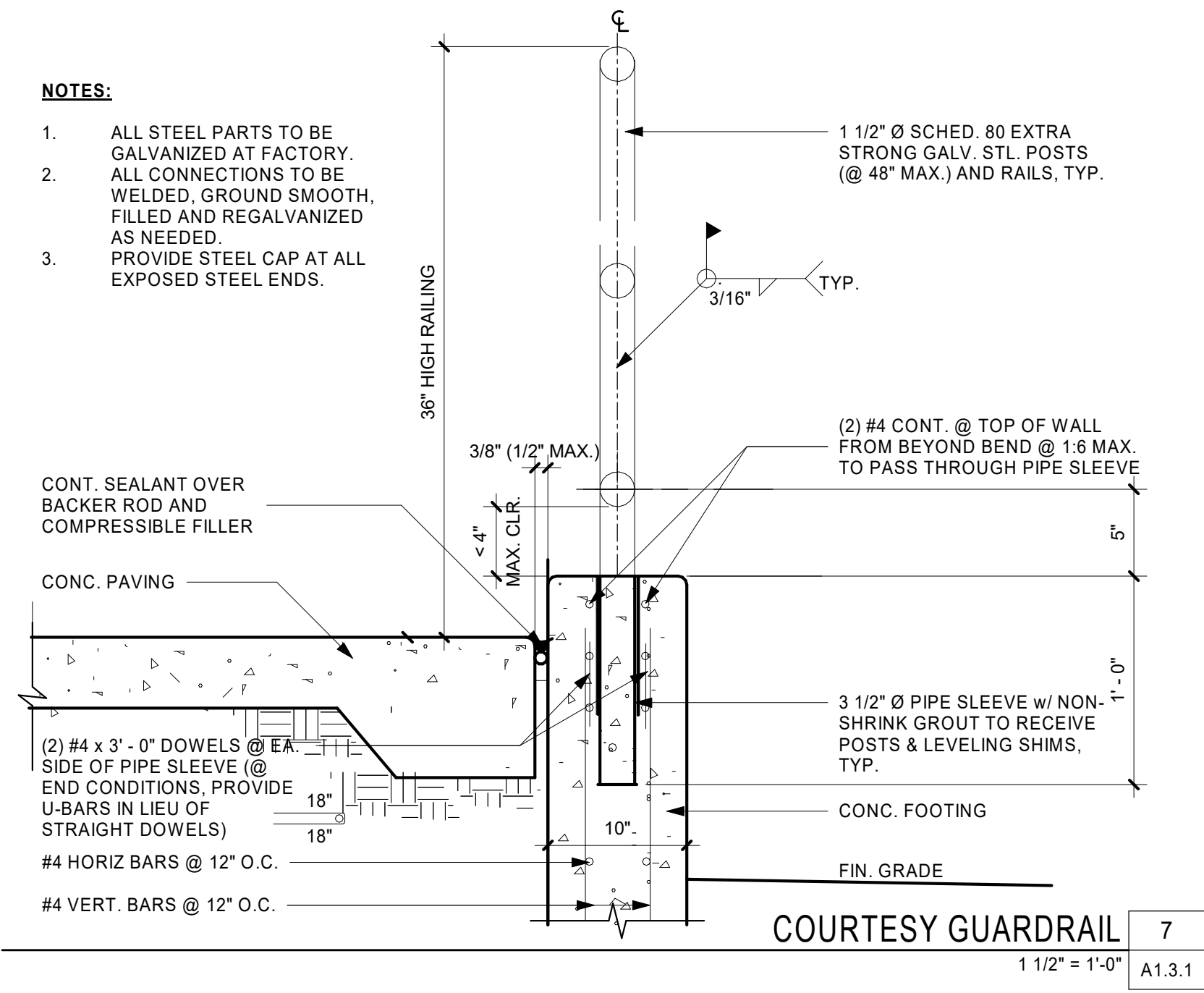


TRACK SURFACE



SYNTHETIC TURF





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**OXNARD UNION HIGH SCHOOL DISTRICT**

PROJECT NAME

**RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS**

545 CENTRAL AVENUE,  
OXNARD, CA. 93036

CONSULTANT

ISSUE FOR

**DSA SUBMITTAL**

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REVISIONS

NO.	REASON	DATE
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PROJECT TEAM

PRINCIPAL IN CHARGE  
JT

PROJECT MANAGER  
LEB

DESIGN TEAM  
FM/RG/JR/JCL

PROJECT NAME

**RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS**

PROJECT NO.

6121235307

SHEET TITLE

**SITE DETAILS**

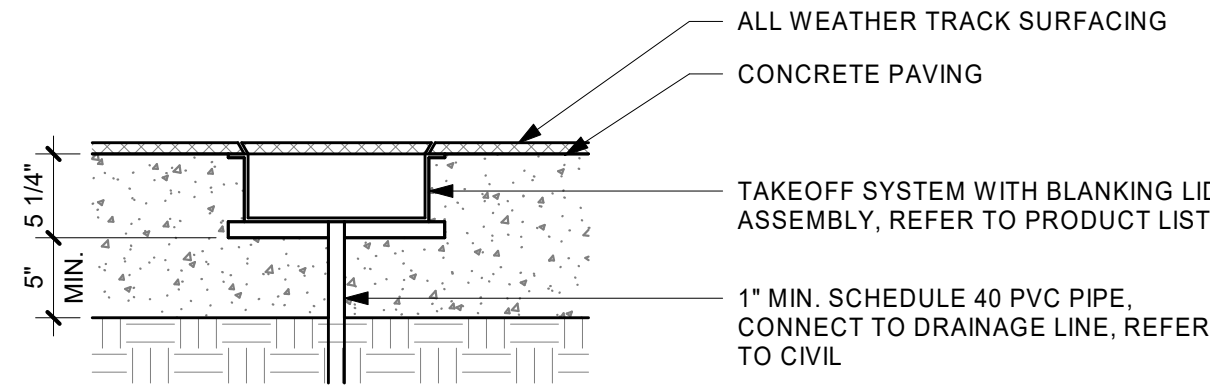
SHEET NUMBER

**A1.3.1**

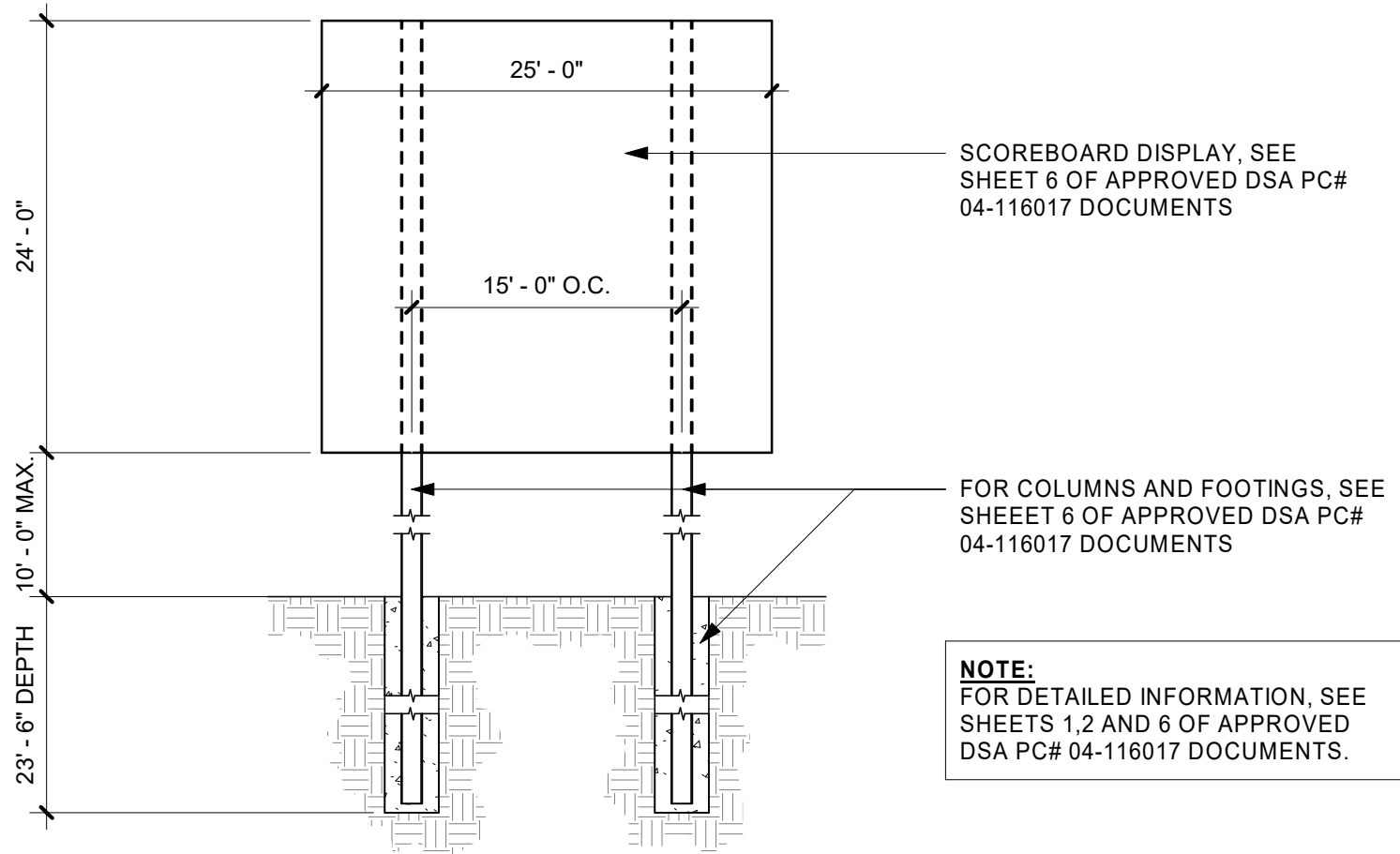




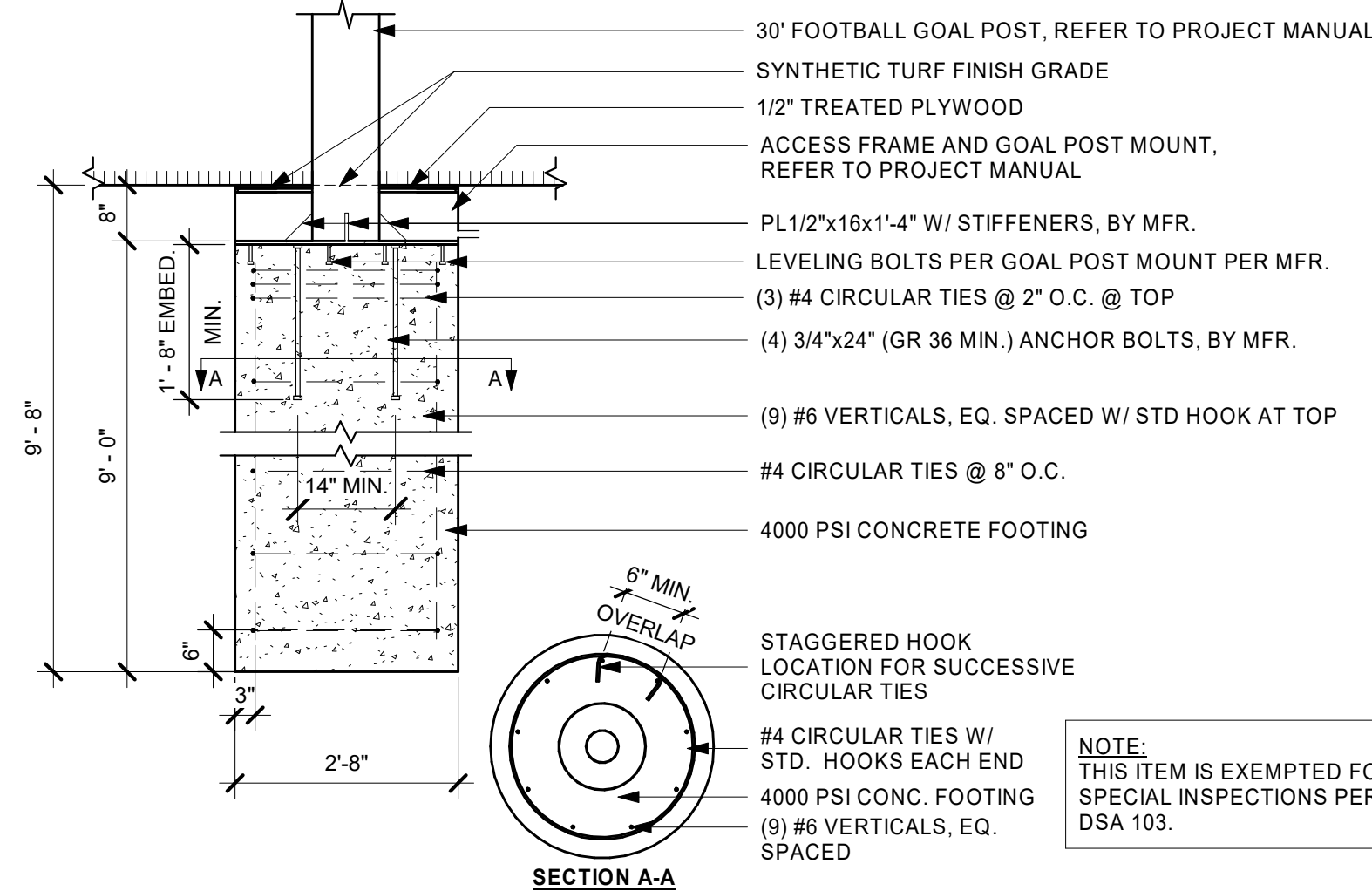




TAKE-OFF BOARD 5  
1" = 1'-0" A1.3.3

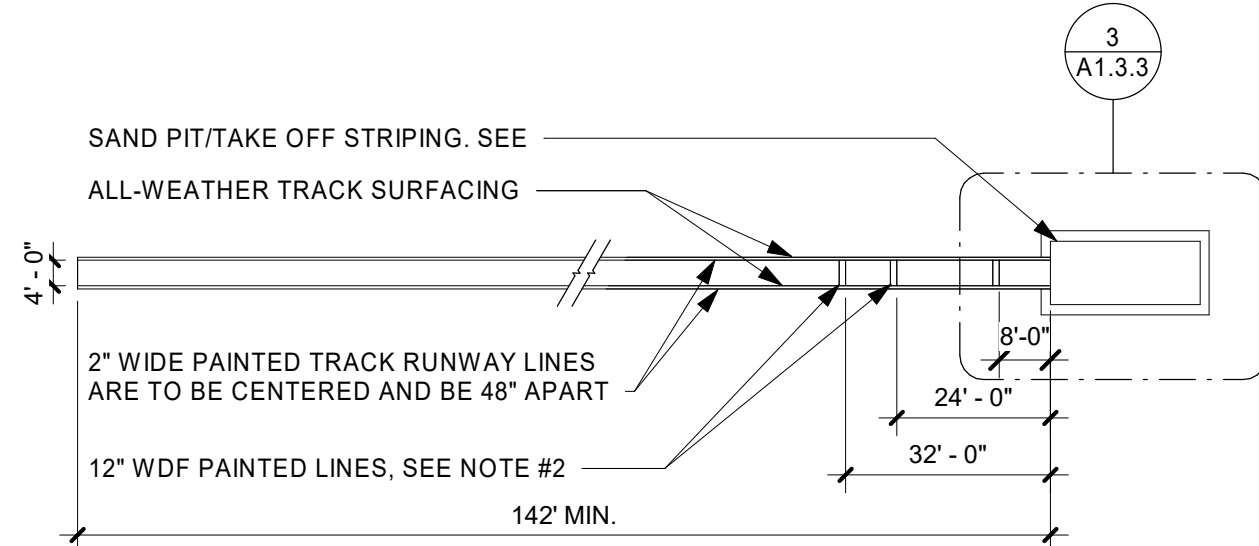


SCOREBOARD 6  
1" = 10'-0" A1.3.3



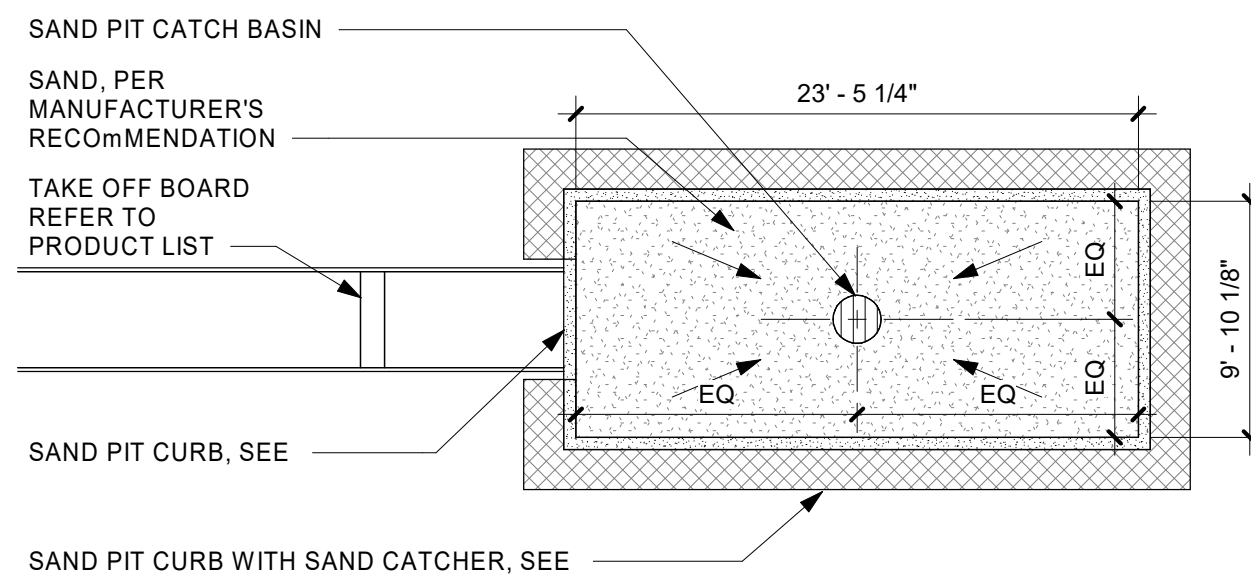
- NOTES:
- ENSURE THAT THE FRONT EDGES OF THE CROSSBARS ARE 360'-0" FROM EACH OTHER, AND THAT THE FRONT EDGE OF THE CROSSBAR IS IN LINE WITH THE FRONT EDGE OF THE BACK LINE OF THE FOOTBALL END ZONE.
  - INSTALL THE GOAL POSTS SO THAT THE TOP OF THE CROSSBARS ARE 10 FEET ABOVE THE FINISH GRADE OF THE TURF, MEASURED AT THE CENTER OF THE CROSSBAR.

FOOTBALL GOAL POST 1  
1/2" = 1'-0" A1.3.3



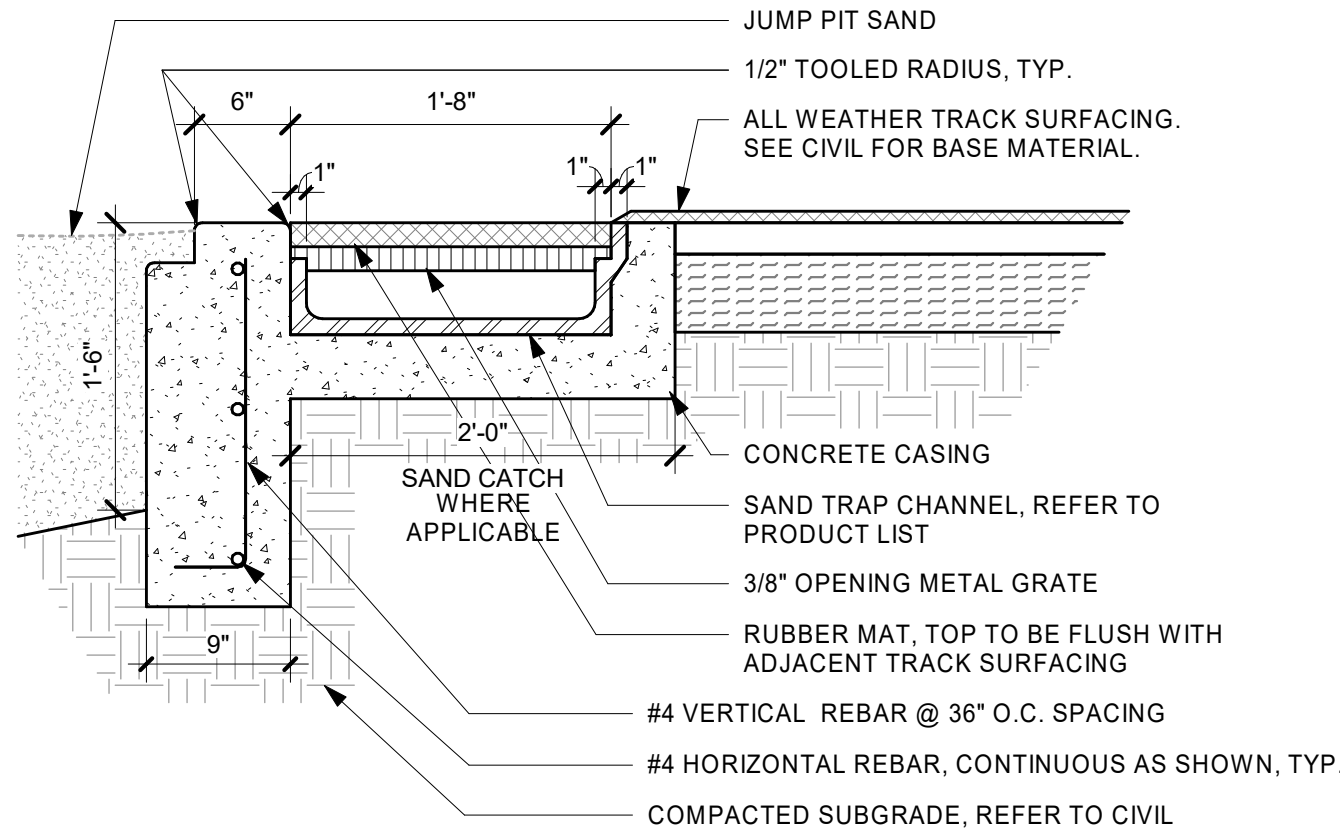
- NOTES:
- ALL DRAWINGS DEPICTING IN-GROUND EQUIPMENT ARE FOR BIDDING ONLY. REFER TO PRODUCT LIST AND SHOP DRAWINGS FOR INSTALLATION DIMENSIONS AND INSTRUCTIONS.
  - DIMENSIONS TO TAKE OFF ARE MEASURED FROM FACE OF LANDING PIT EDGE.
  - COLOR OF 32' TRIPLE JUMP TAKE OFF LINE SHALL BE WHITE AND 24' TAKE OFF LINE SHALL BE PASTEL GREEN.

LONG/TRIPLE JUMP 2  
1" = 30'-0" A1.3.3



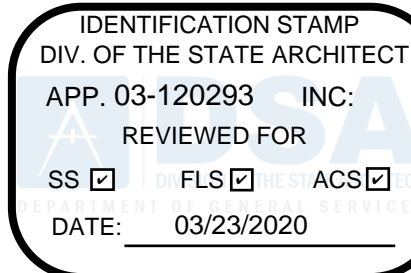
- NOTES:
- FOR PRODUCT MANUFACTURER AND MODEL NUMBER REFER TO LIST
  - SAND TO BE LEVEL WITH TOP OF ADJACENT SAND CATCHER SYSTEM
  - THIS DETAIL IS FOR POURED IN PLACE JUMP PIT

SAND PIT/TAKE OFF STRIPING 3  
1/8" = 1'-0" A1.3.3



SAND PIT CURB AND SAND CATCHER 4  
1" = 1'-0" A1.3.3

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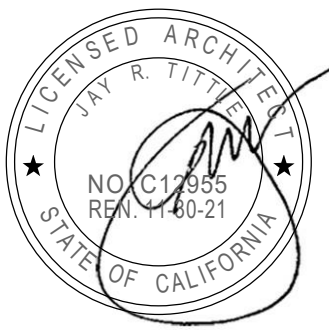
PROJECT NAME

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**545 CENTRAL AVENUE,  
OXNARD, CA. 93036**

CONSULTANT

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FM /RG /JR /CL

PROJECT NAME

RIO MESA HIGH SCHOOL  
TRACK & FIELD  
IMPROVEMENTS

PROJECT NO.

6121235307

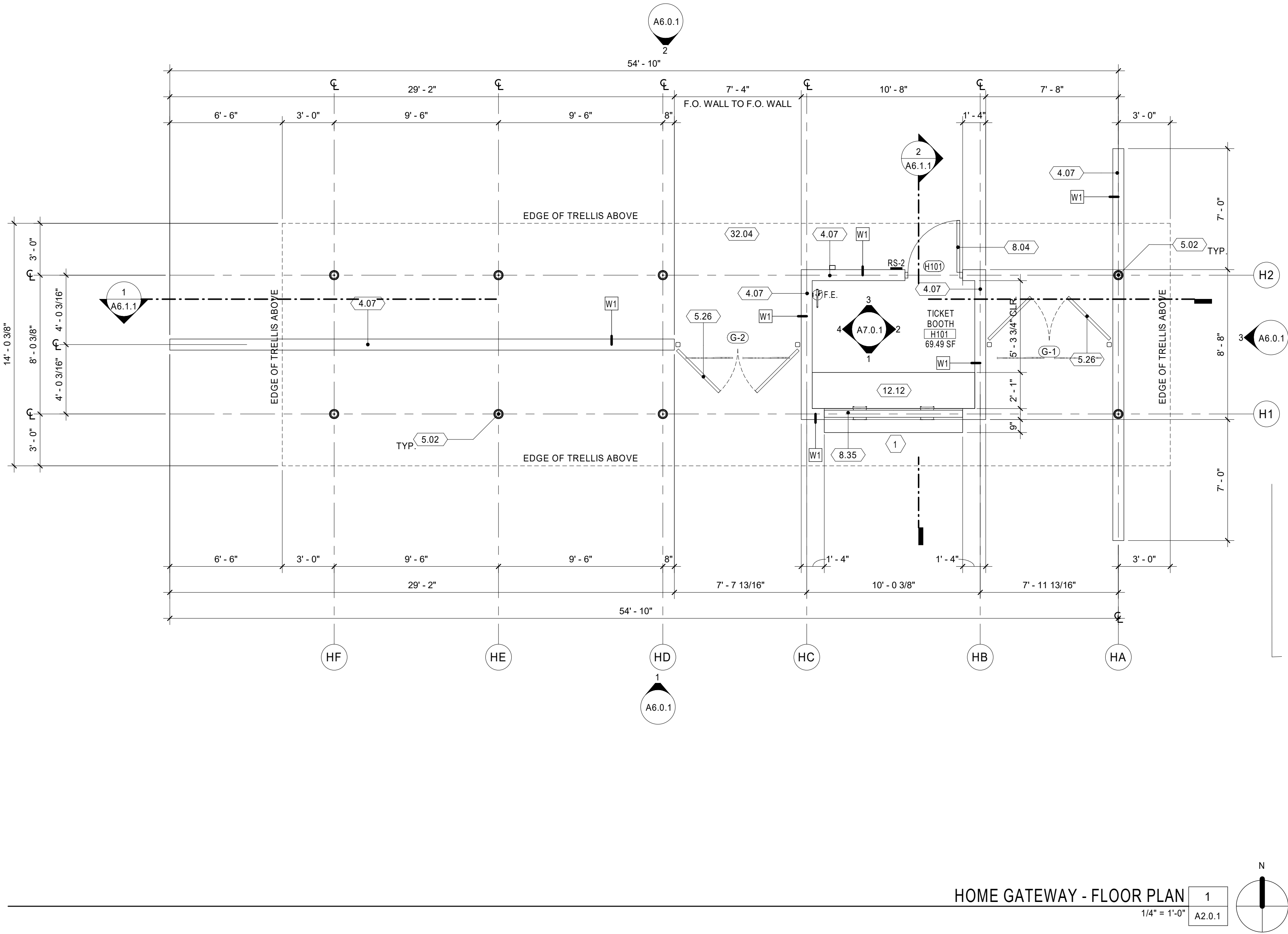
SHEET TITLE

T + F CONSTRUCTION DETAILS

SHEET NUMBER

A1.3.3





HOME GATEWAY - FLOOR PLAN

1
A2.0.1

1/4" = 1'-0"

KEYNOTES	
4.07	CONCRETE MASONRY UNIT, 8" x 8" x 16," RUNNING BOND - 04 22 13
5.02	STEEL COLUMN PER STRUCTURAL - 05 12 00
5.26	FABRICATED STEEL GATE - 05 50 00
8.04	HOLLOW METAL DOOR - 08 11 00
8.35	ALUMINUM PASS THRU WINDOW WITH SPEAK THROUGH DEVICE - 08 56 19
12.12	STAINLESS STEEL COUNTERTOP - 12 36 00
32.04	CONCRETE PAVING - 32 13 13

FLOOR PLAN LEGEND	
	NON-RATED WALL ASSEMBLY AND WALL TAG
	ROOM SIGNAGE. SEE DETAIL 3/A9.0.1
	DOOR/GATE TAG
	WINDOW TAG
	BRACKET-MOUNTED PORTABLE FIRE EXTINGUISHER, MIN. 2-A-10BC RATING

CONSTRUCTION NOTES	
1.	REVIEW DOCUMENTS AND VERIFY DIMENSIONS AND FIELD CONDITIONS WHEN APPLICABLE. CONFIRM THAT WORK IS BUILDABLE AS SHOWN. ANY CONFLICTS OR OMISSIONS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT FOR CLARIFICATION PRIOR TO THE PERFORMANCE OF WORK IN QUESTION. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS GOVERN. ALL WALL/PARTITION LOCATIONS, DIMENSIONS AND TYPES, DOOR AND WINDOW LOCATIONS SHALL BE AS SHOWN ON PLAN. IN CASE OF CONFLICT, NOTIFY ARCHITECT.
2.	

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JT

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LEB

DESIGN TEAM  
FM /RG /JR /CL /TA

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RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS

PROJECT NO.

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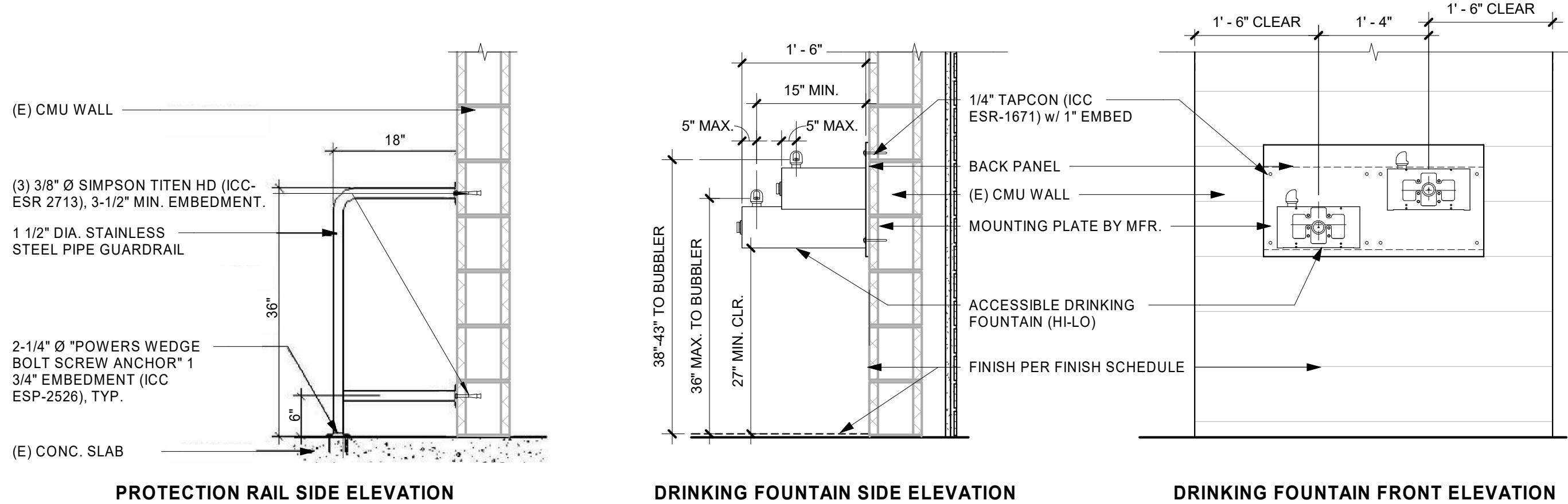
SHEET TITLE

FLOOR PLAN - HOME GATEWAY

SHEET NUMBER

A2.0.1

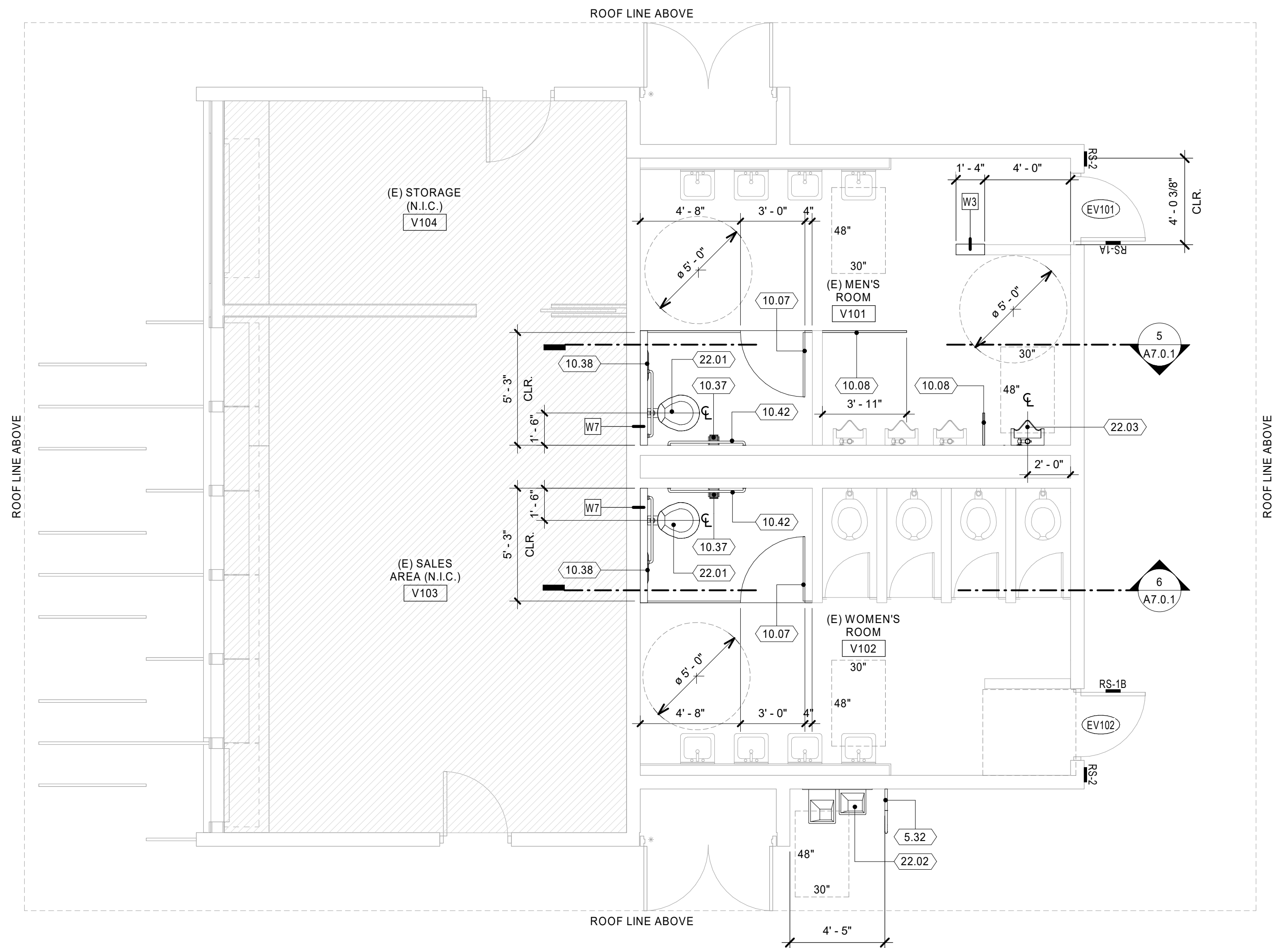
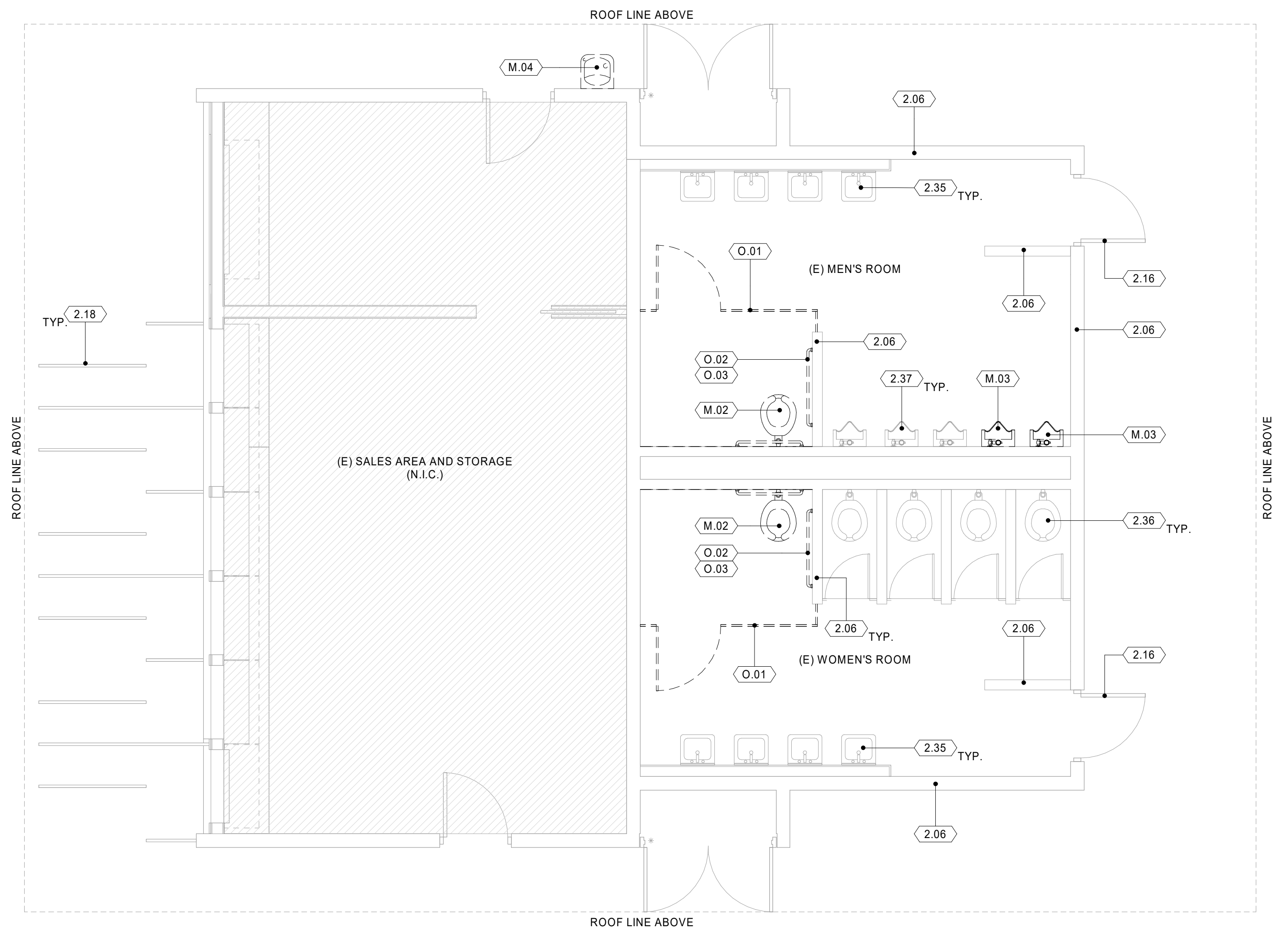
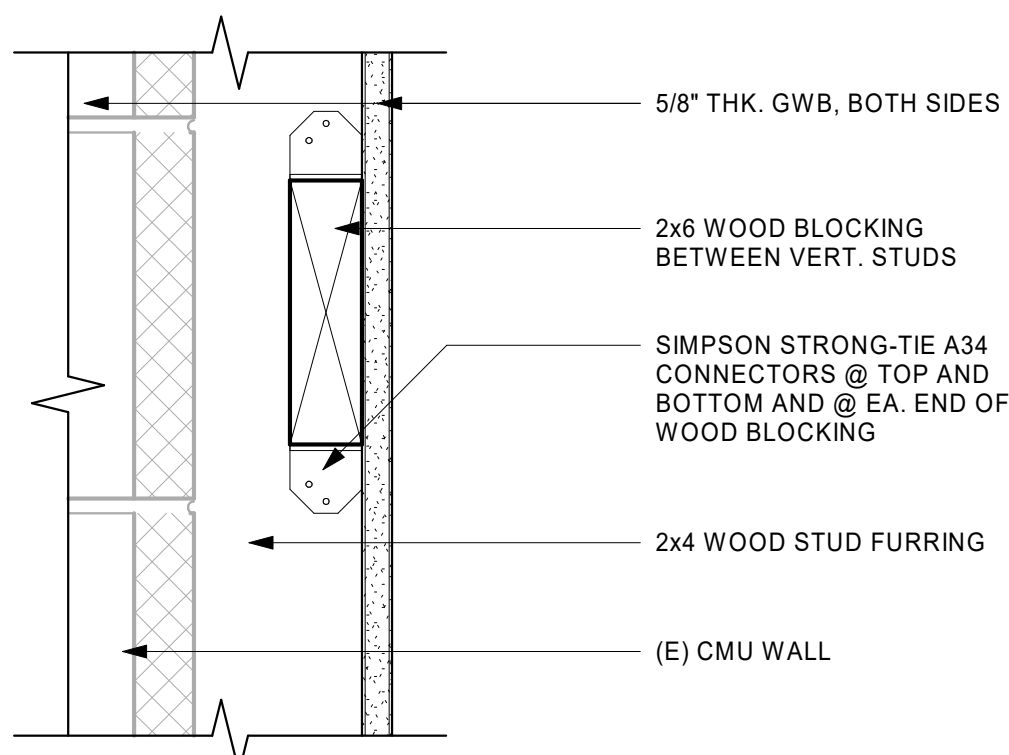
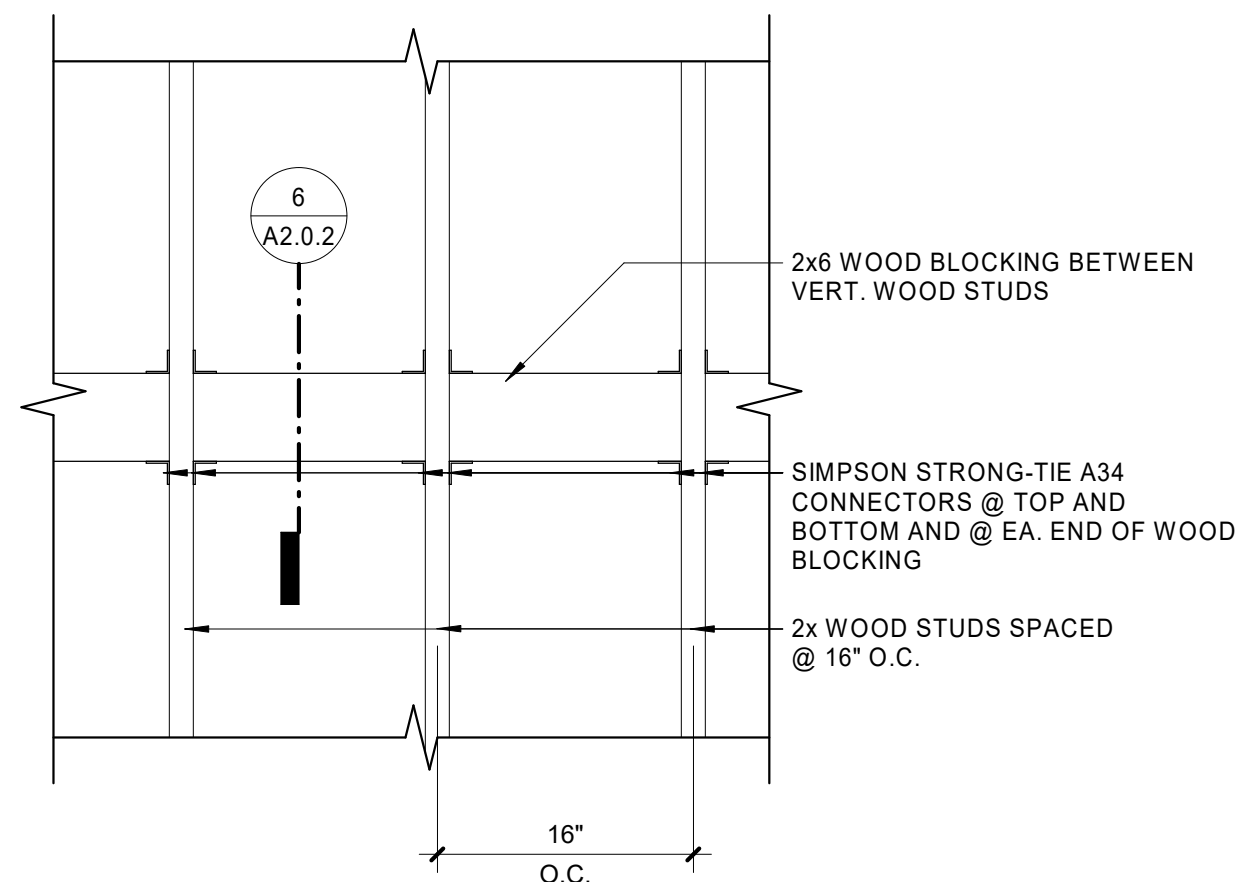
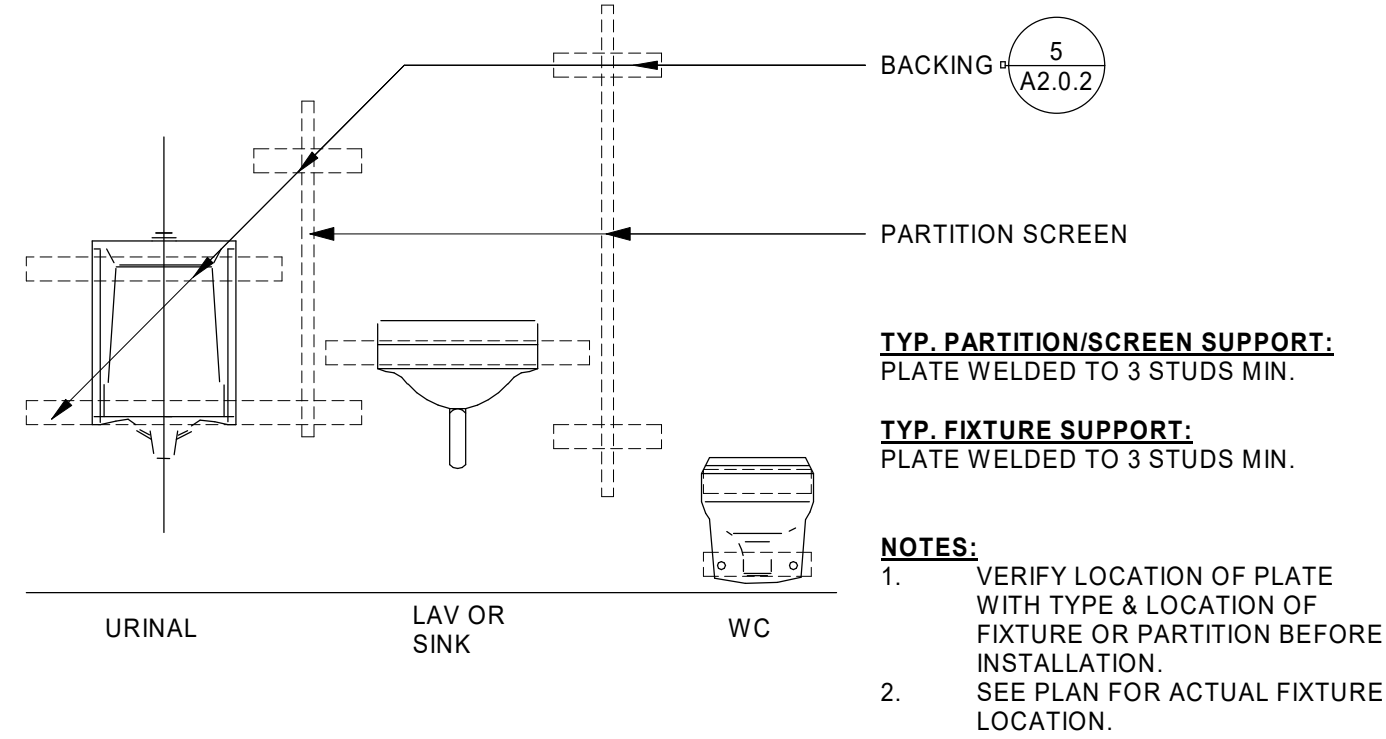
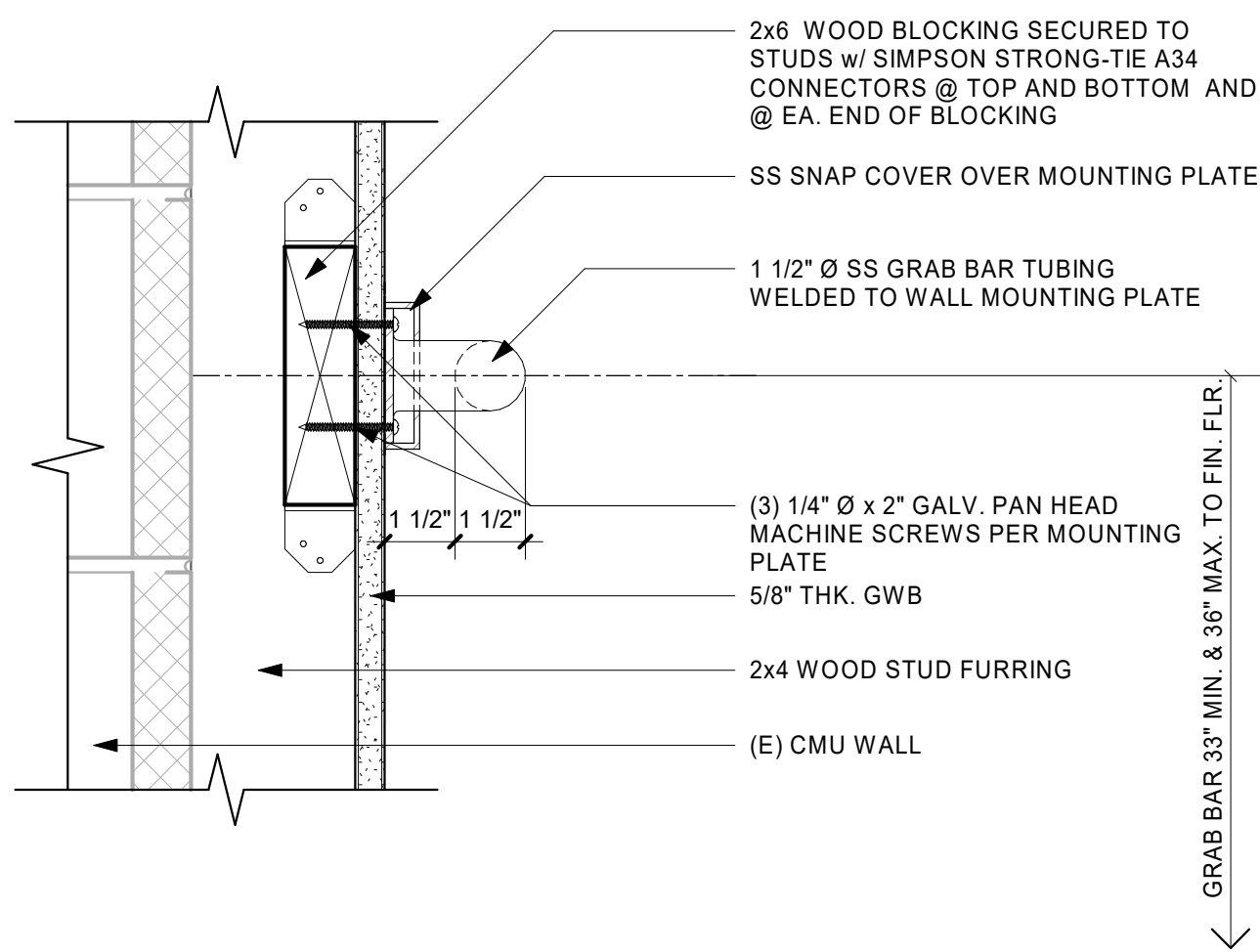




NOTE:

- MINIMIZE OPENINGS ON (E) CMU WALL. DO NOT DAMAGE (E) REBARS. CONTRACTOR TO LOCATE (E) REBARS PRIOR TO PENETRATING CMU WALL. MAX 8" x 8" OPENINGS IN CMU WALL.
- CONTRACTOR TO VERIFY WITH MANUFACTURER (ELKAY OR EQUAL) ON PLACEMENT OF WATER SUPPLY, DRAINAGE LINES, AND ACCESS PANELS ON (E) FURRING WALL BEHIND CMU WALL. CONTRACTOR TO CONNECT TO NEAREST (E) WATER SUPPLY AND DRAINAGE LINES.
- PATCH AND REPAIR CERAMIC TILES ON FURRING WALL TO MATCH (E).

DRINKING FOUNTAIN & PROTECTION RAIL ANCHORAGE @ (E) CMU WALL 3  
3/4" = 1'-0" A2.0.2



KEYNOTES (X.X)

- M.02 REMOVE (E) WATER CLOSET AND ASSOCIATED PLUMBING AND ACCESSORIES. SEE PLUMBING DRAWINGS FOR PORTION OF (E) PLUMBING LINES TO BE RETAINED AND PROTECTED FOR CONNECTION TO (N) FIXTURES.
- M.03 REMOVE (E) URINAL AND ASSOCIATED PLUMBING AND ACCESSORIES. SEE PLUMBING DRAWINGS FOR PORTION OF (E) PLUMBING LINES TO BE RETAINED AND PROTECTED FOR CONNECTION TO (N) FIXTURES.
- M.04 REMOVE (E) DRINKING FOUNTAIN, ANCHORAGE AND ASSOCIATED PLUMBING AND ACCESSORIES. PATCH AND REPAIR AFFECTED AREA OF WALL TO MATCH EXISTING.
- O.01 REMOVE (E) PARTITIONS AND DOORS, ANCHORAGE AND ASSOCIATED HARDWARE AND ACCESSORIES.
- O.02 REMOVE (E) GRAB BARS, ANCHORAGE AND ASSOCIATED HARDWARE. PATCH/REPAIR ADJACENT FINISHES DAMAGED IN THE COURSE OF REMOVAL.
- O.03 REMOVE (E) TOILET ACCESSORIES, ANCHORAGE AND ASSOCIATED HARDWARE. PATCH/REPAIR ADJACENT FINISHES DAMAGED IN THE COURSE OF REMOVAL.
- 2.06 (E) CONCRETE MASONRY WALL TO REMAIN. PROTECT IN PLACE.
- 2.16 (E) DOOR TO REMAIN. PROTECT IN PLACE.
- 2.18 (E) METAL RAILING TO REMAIN. PROTECT IN PLACE.
- 2.35 (E) WALL-HUNG LAVATORY TO REMAIN. PROTECT IN PLACE.
- 2.36 (E) WATER CLOSET TO REMAIN. PROTECT IN PLACE.
- 2.37 (E) URINAL TO REMAIN. PROTECT IN PLACE.
- 5.32 STEEL PIPE PROTECTION RAIL. SEE DETAIL 3/A2.0.2 - 05 00 00
- 10.07 HDPE TOILET COMPARTMENT AND DOOR - 10 21 14
- 10.08 HDPE URINAL SCREEN. SEE DETAIL 4/A2.0.2 FOR ANCHORAGE - 10 21 14
- 10.37 SURFACED UTILITIES WHICH ARE INTENDED TO REMAIN IN USE AND THE ROUTING OF WHICH COULD NOT BE PREDETERMINED UNTIL DEMOLITION WAS STARTED. ALL SUCH DISCOVERIES OF UTILITIES DURING THE DEMOLITION PROCESS WHICH ARE IN A LOCATION DIFFERENT FROM THAT INDICATED, OR ARE UNIDENTIFIED, SHALL BE REPORTED TO THE ARCHITECT PRIOR TO REMOVAL FOR FINAL DISPOSITION.
- 22.01 WALL-HUNG WATER CLOSET. SEE DETAIL 4/A2.0.2 FOR ANCHORAGE - 22 40 00
- 22.02 HI-LO DRINKING FOUNTAIN. SEE DETAIL 3/A2.0.2 FOR ANCHORAGE - 22 40 00
- 22.03 ACCESSIBLE WALL-HUNG URINAL. SEE DETAIL 4/A2.0.2 FOR ANCHORAGE - 22 40 00

DEMOLITION PLAN LEGEND

- EXISTING ITEM TO REMAIN
- EXISTING ITEM TO BE REMOVED/DEMOLISHED
- EXISTING WALL TO REMAIN
- AREA NOT INCLUDED IN SCOPE OF WORK (N.I.C.)
- EXISTING DOOR TO REMAIN

FLOOR PLAN LEGEND

- XX NON-RATED WALL ASSEMBLY AND WALL TAG
- RS-2 ROOM SIGNAGE. SEE DETAIL 3/A9.0.1
- (X-X) DOOR/GATE TAG
- (X) WINDOW TAG

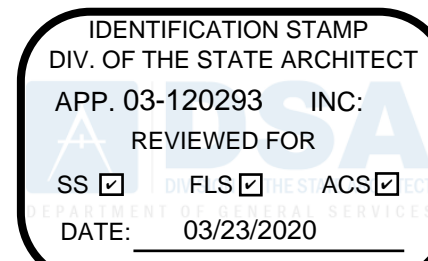
DEMOLITION NOTES

- THE CONTRACTOR SHALL REMOVE SUCH EXISTING WORK AS CALLED FOR IN CONTRACT OR AS REQUIRED TO CLEAR THE AREAS FOR NEW CONSTRUCTION.
- ALL DEMOLITION WORK SHALL BE PERFORMED WITH "DUE CARE AND DILIGENCE" AS TO PREVENT THE ARBITRARY DESTRUCTION OR INTERRUPTION OF CONCEALED UTILITIES WHICH ARE INTENDED TO REMAIN IN USE AND THE ROUTING OF WHICH COULD NOT BE PREDETERMINED UNTIL DEMOLITION WAS STARTED. ALL SUCH DISCOVERIES OF UTILITIES DURING THE DEMOLITION PROCESS WHICH ARE IN A LOCATION DIFFERENT FROM THAT INDICATED, OR ARE UNIDENTIFIED, SHALL BE REPORTED TO THE ARCHITECT PRIOR TO REMOVAL FOR FINAL DISPOSITION.
- WORK DESIGNATED TO REMAIN SHALL BE PROTECTED FROM DAMAGE AND PATCHED OR REPAIRED SHOULD DAMAGE OCCUR.
- WHERE EXISTING EQUIPMENT IS TO BE RELOCATED, EXTREME CARE SHALL BE TAKEN TO PREVENT DAMAGE DURING THE REMOVAL. WHERE DAMAGE OCCURS, THE EQUIPMENT SHALL BE REPLACED OR REPAIRED TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
- ALL DEBRIS BECOMES THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED DAILY FROM THE PREMISES AT THE CONTRACTOR'S EXPENSE AND BE DISPOSED OF ACCORDING TO LOCAL CODES AND GOVERNING AUTHORITIES. VERIFY SALVAGE MATERIALS WITH THE OWNER'S REPRESENTATIVE.
- WHERE EXISTING ELECTRICAL WORK INTERFERES WITH NEW WORK AND WHERE SUCH INSTALLATIONS ARE TO REMAIN IN USE, THE INSTALLATIONS SHALL BE DISCONTINUED AND RELOCATED AND/OR RECONNECTED TO COORDINATE WITH NEW ELECTRICAL WORK.
- CONTRACTOR SHALL CONSULT OTHER TRADES PRIOR TO COMMENCING DEMOLITION WORK, TO AVOID CONFLICT.
- DEMOLITION DRAWINGS ARE DIAGRAMMATIC AND SHOW INTENT OF WORK TO BE DONE. CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, LABOR REQUIRED AND COST FOR REMOVAL OF ALL SYSTEMS CALLED FOR IN CONTRACT.
- ALL EXISTING CONSTRUCTION SHALL REMAIN UNLESS NOTED OTHERWISE.
- CONTRACTOR TO PATCH AND REPAIR ALL AREAS AFFECTED BY THE DEMOLITION.
- CONTRACTORS SHALL COORDINATE THE SEQUENCE FOR DEMOLITION AND THE LOCATION OF ON-SITE STORAGE AREAS FOR EXISTING ITEMS TO BE REUSED, AND PROVIDE THE OWNER WITH COPIES OF DEMOLITION INVENTORY.

CONSTRUCTION NOTES

- REVIEW DOCUMENTS AND VERIFY DIMENSIONS AND FIELD CONDITIONS WHEN APPLICABLE. CONFIRM THAT WORK IS BUILDABLE AS SHOWN. ANY CONFLICTS OR OMISSIONS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT FOR CLARIFICATION PRIOR TO THE PERFORMANCE OF WORK IN QUESTION.
- DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS GOVERN. ALL WALL/PARTITION LOCATIONS, DIMENSIONS AND TYPES, DOOR AND WINDOW LOCATIONS SHALL BE AS SHOWN ON PARTITION PLAN. IN CASE OF CONFLICT, NOTIFY ARCHITECT.

AGENCY REVIEW



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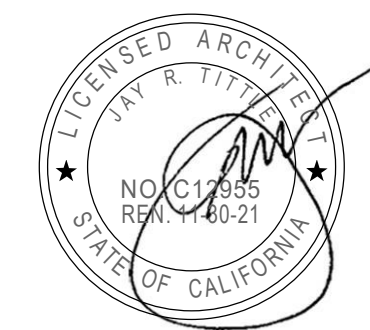
PROJECT NAME

**RIO MESA HIGH SCHOOL TRACK &  
FIELD IMPROVEMENTS**

**545 CENTRAL AVENUE,  
OXNARD, CA. 93036**

CONSULTANT

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ISSUE DATE

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REVISIONS

NO.	REASON	DATE

PROJECT TEAM

PRINCIPAL IN CHARGE

JT

PROJECT MANAGER

LEB

DESIGN TEAM

FM /RG /JR /JCL

PROJECT NAME

**RIO MESA HIGH SCHOOL  
TRACK & FIELD  
IMPROVEMENTS**

PROJECT NO.

**6121235307**

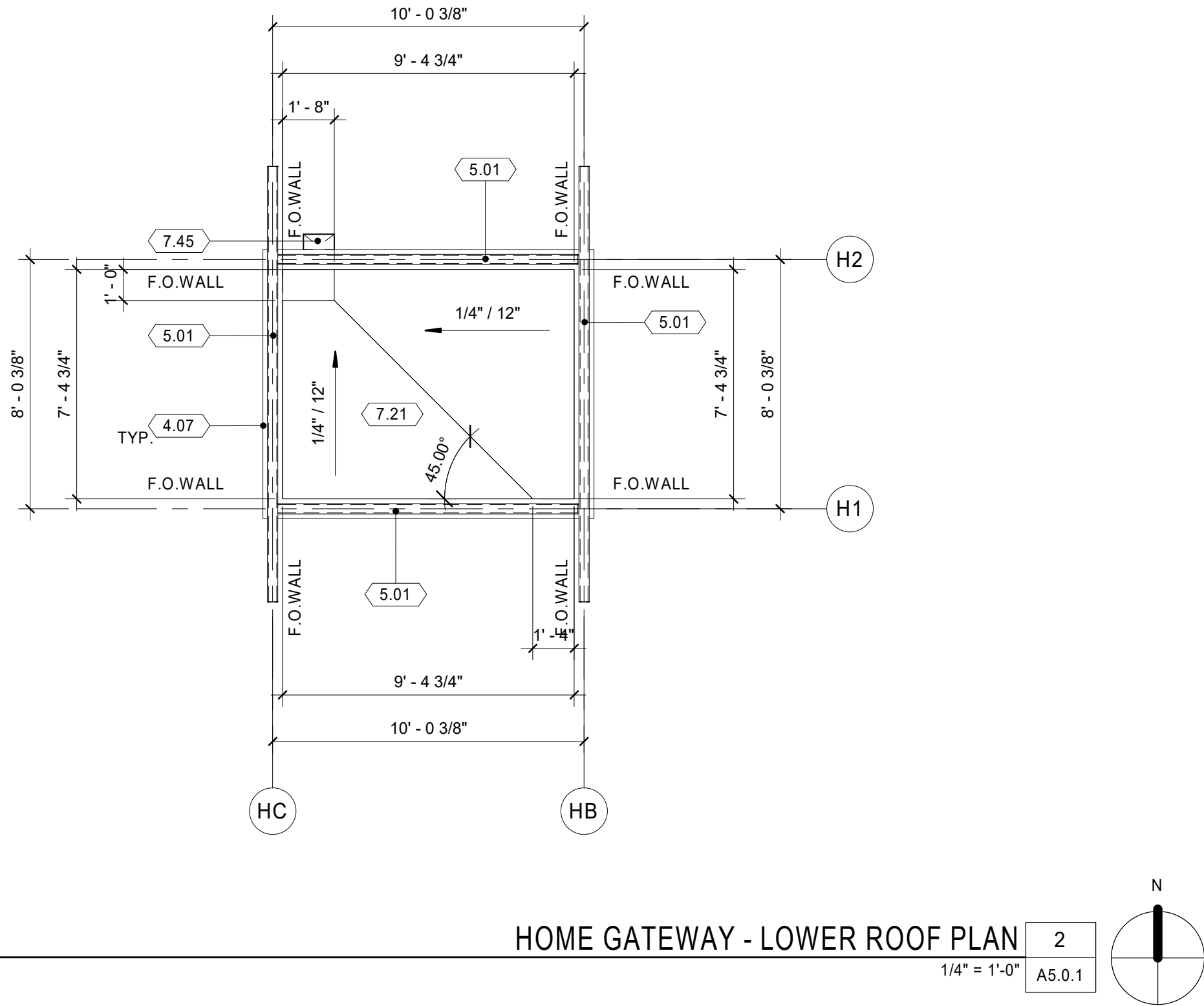
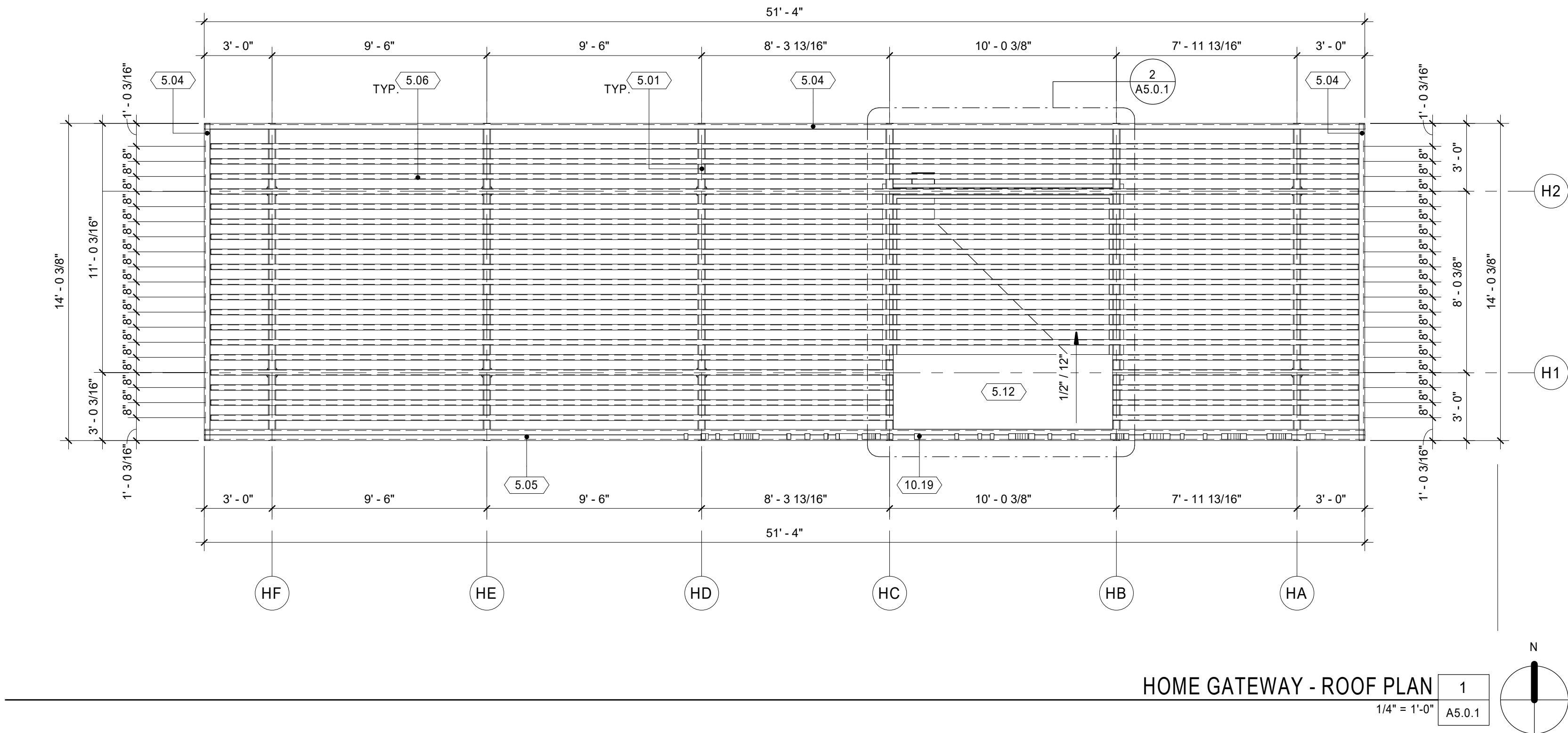
SHEET TITLE

**FLOOR PLANS - FIELD BUILDING  
UNIT 'V'**

SHEET NUMBER

**A2.0.2**





- KEYNOTES (XXX)
- 4.07 CONCRETE MASONRY UNIT, 8" x 8" x 16," RUNNING BOND - 04 22 13
  - 5.01 STEEL BEAM PER STRUCTURAL - 05 12 00
  - 5.04 STEEL CHANNEL PER STRUCTURAL - 05 12 00
  - 5.05 STEEL DOUBLE CHANNEL PER STRUCTURAL - 05 12 00
  - 5.06 STEEL TUBE TRELLIS RAFTER PER STRUCTURAL - 05 12 00
  - 5.12 METAL ROOF DECK - 05 31 00
  - 7.21 CLASS A ROOF ASSEMBLY WITH MODIFIED BITUMEN WATERPROOFING. SEE DETAIL 1/A5.0.1 - 07 52 10
  - 7.45 METAL SCUPPER - 07 60 00
  - 10.19 BRUSHED ALUMINUM DIMENSIONAL SIGNAGE - 10 14 00

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APP. 03-120293 INC.  
REVIEWED FOR  
SS ☐ FLS ☐ ACS ☐  
DATE: 03/23/2020

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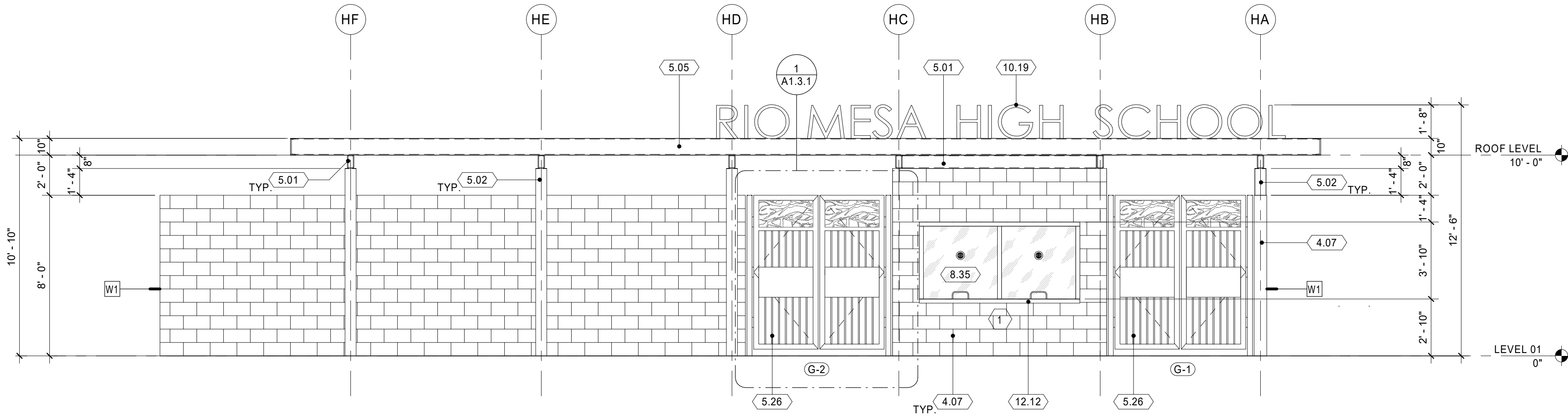
SHEET TITLE

**ROOF PLANS - HOME GATEWAY**

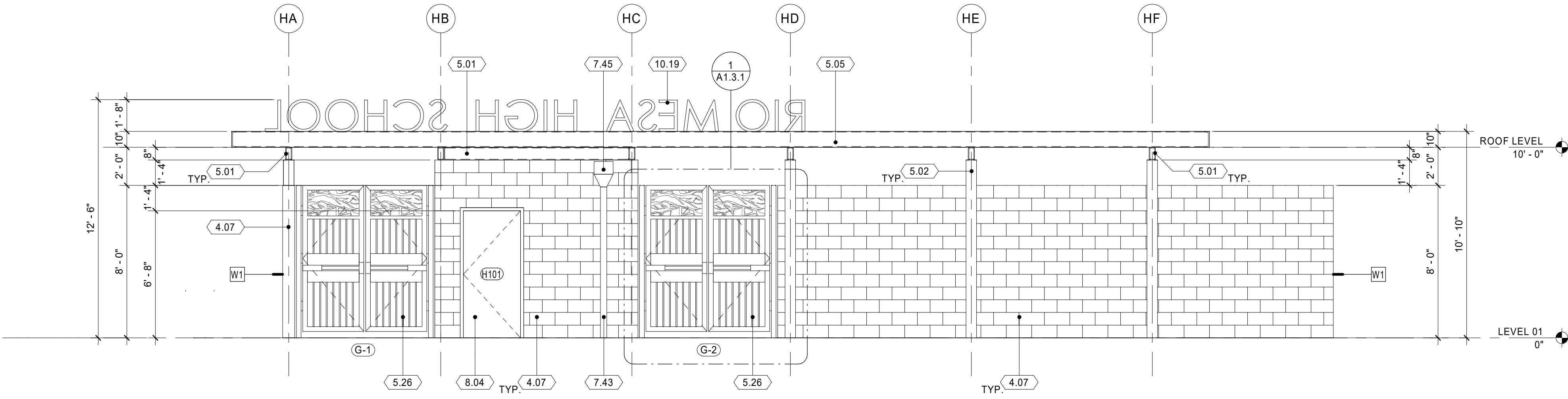
SHEET NUMBER

**A5.0.1**

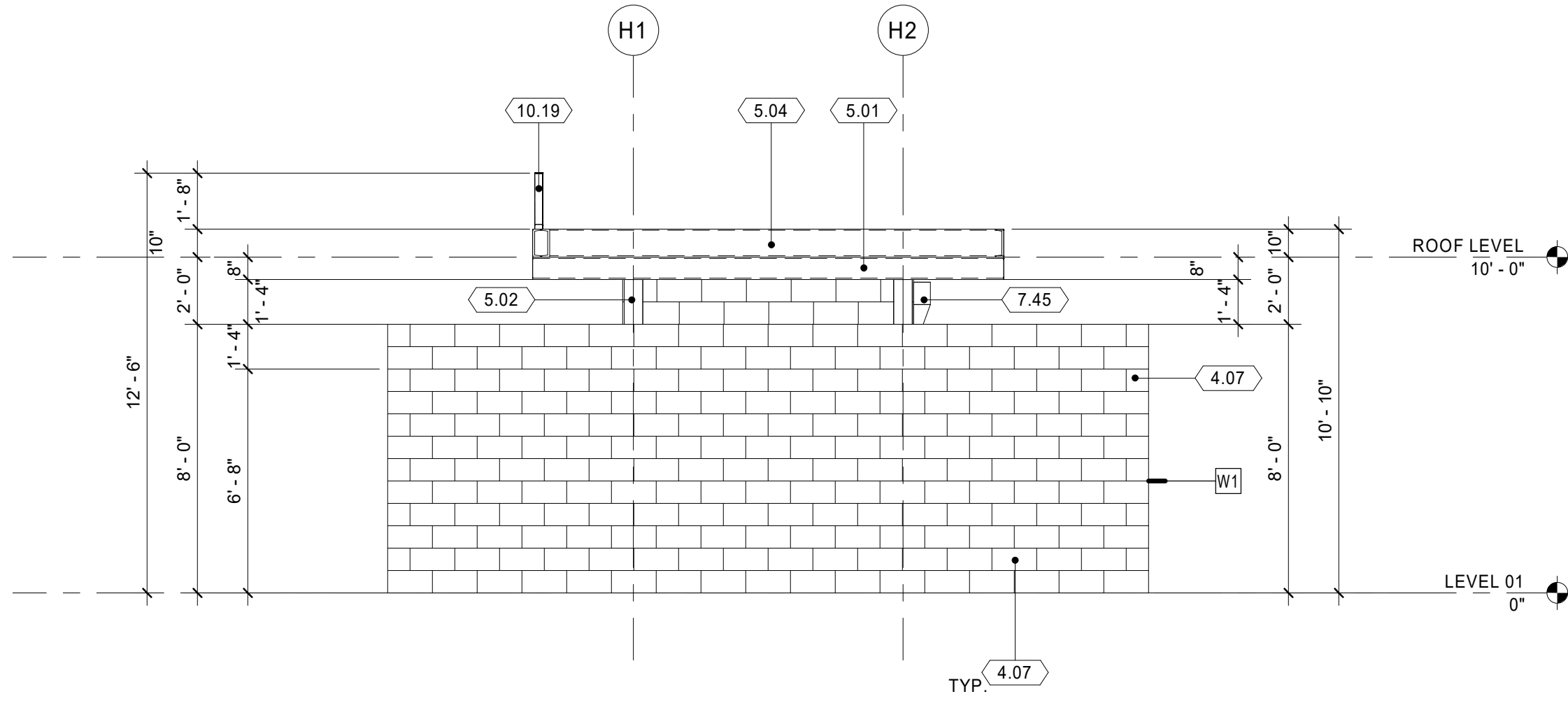




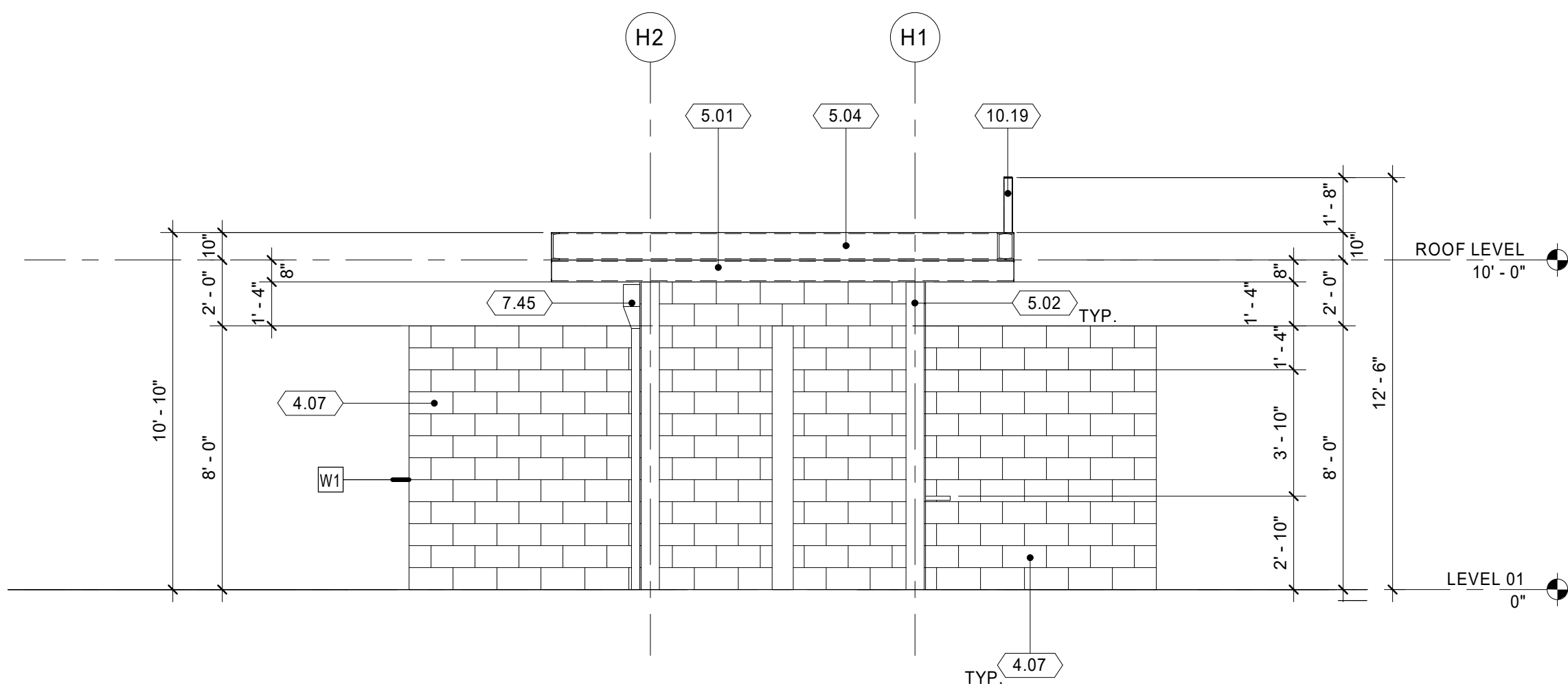
HOME GATEWAY - FRONT ELEVATION 1  
1/4" = 1'-0" A6.0.1



HOME GATEWAY - REAR ELEVATION 2  
1/4" = 1'-0" A6.0.1



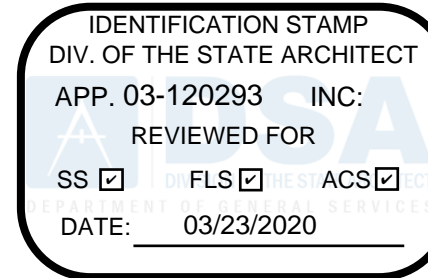
HOME GATEWAY - RIGHT SIDE ELEVATION 3  
1/4" = 1'-0" A6.0.1



HOME GATEWAY - LEFT SIDE ELEVATION 4  
1/4" = 1'-0" A6.0.1

- KEYNOTES (XXX)
- 4.07 CONCRETE MASONRY UNIT, 8" x 8" x 16," RUNNING BOND - 04 22 13
  - 5.01 STEEL BEAM PER STRUCTURAL - 05 12 00
  - 5.02 STEEL COLUMN PER STRUCTURAL - 05 12 00
  - 5.04 STEEL CHANNEL PER STRUCTURAL - 05 12 00
  - 5.05 STEEL DOUBLE CHANNEL PER STRUCTURAL - 05 12 00
  - 5.26 FABRICATED STEEL GATE - 06 50 00
  - 7.43 METAL DOWNSPOUT - 07 60 00
  - 7.45 METAL SCUPPER - 07 60 00
  - 8.04 HOLLOW METAL DOOR - 08 11 00
  - 8.35 ALUMINUM PASS THRU WINDOW WITH SPEAK THROUGH DEVICE - 08 56 19
  - 10.19 BRUSHED ALUMINUM DIMENSIONAL SIGNAGE - 10 14 00
  - 12.12 STAINLESS STEEL COUNTERTOP - 12 36 00

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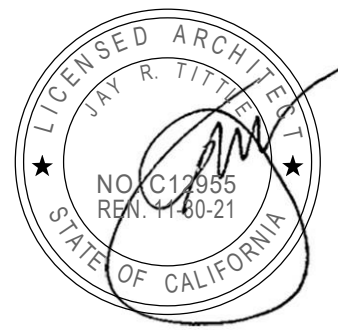
PROJECT NAME

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LEB

DESIGN TEAM

FM/RG/JR/CL

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TRACK & FIELD  
IMPROVEMENTS**

PROJECT NO.

**6121235307**

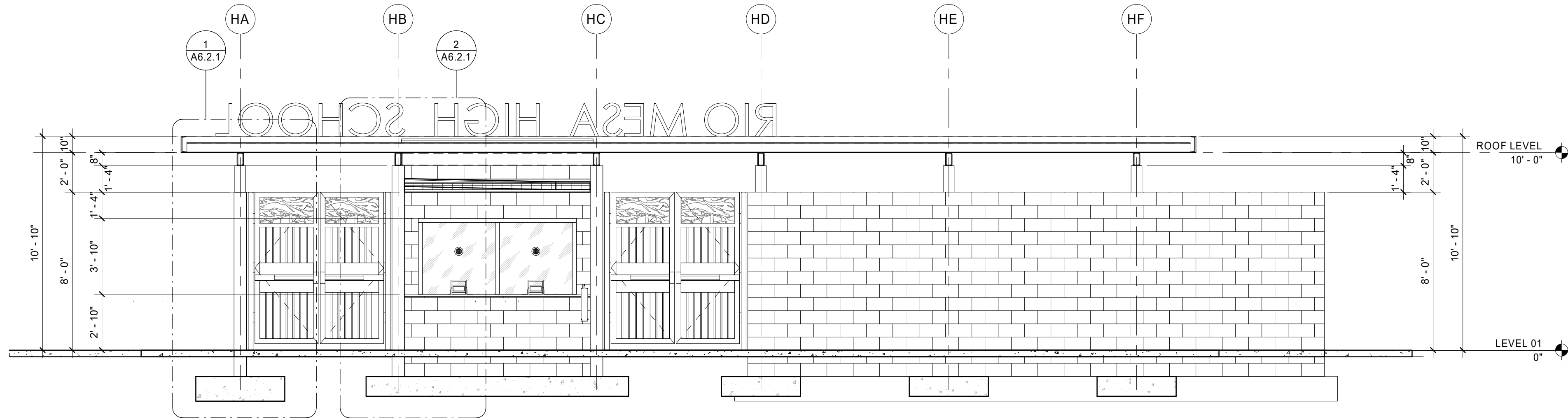
SHEET TITLE

**EXTERIOR ELEVATIONS - HOME  
GATEWAY**

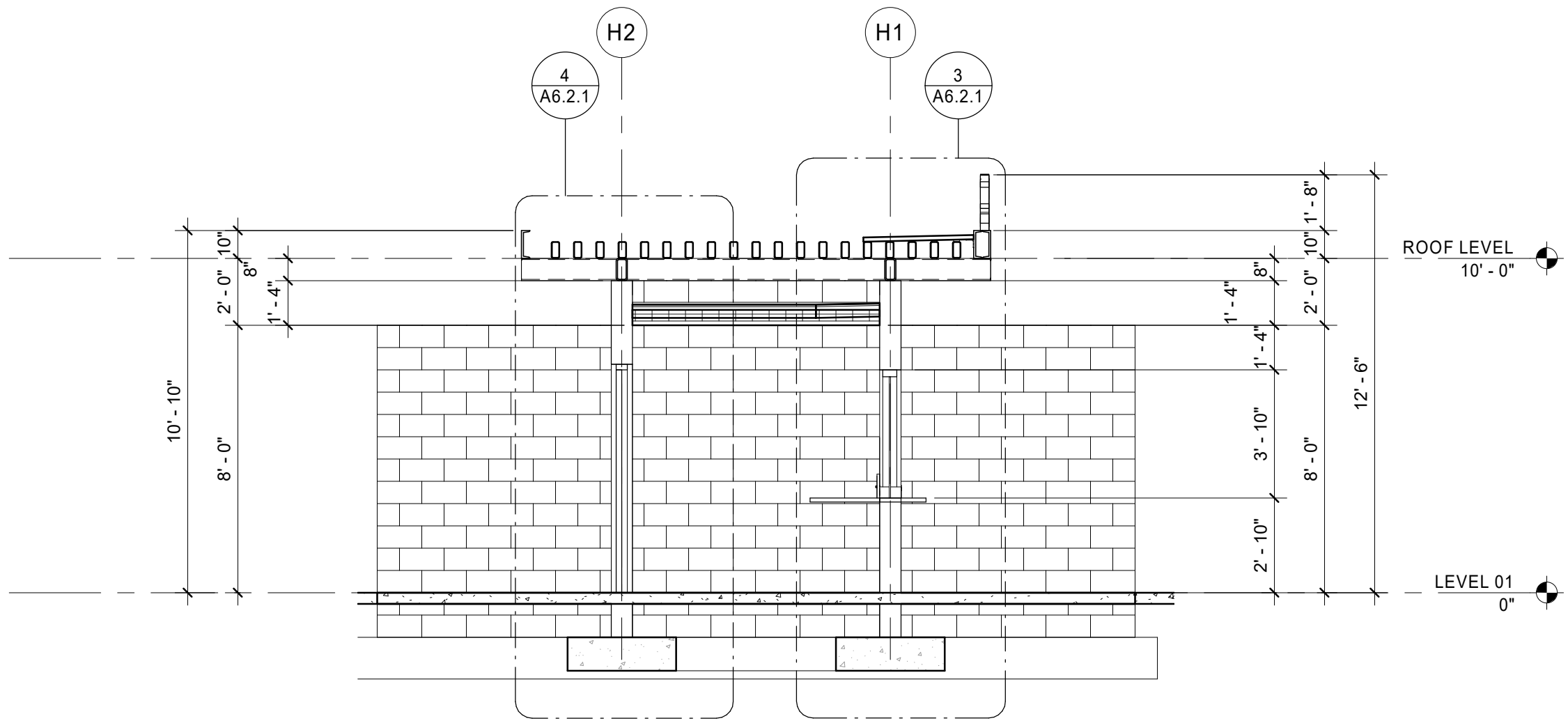
SHEET NUMBER

**A6.0.1**





HOME GATEWAY - LONGITUDINAL SECTION 1  
1/4" = 1'-0"



HOME GATEWAY - CROSS SECTION 2  
1/4" = 1'-0"

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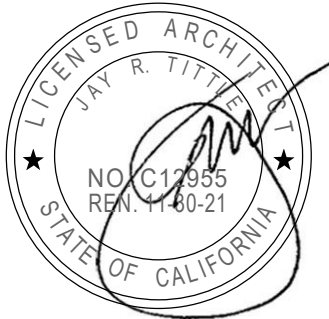
PROJECT NAME

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PROJECT NO.

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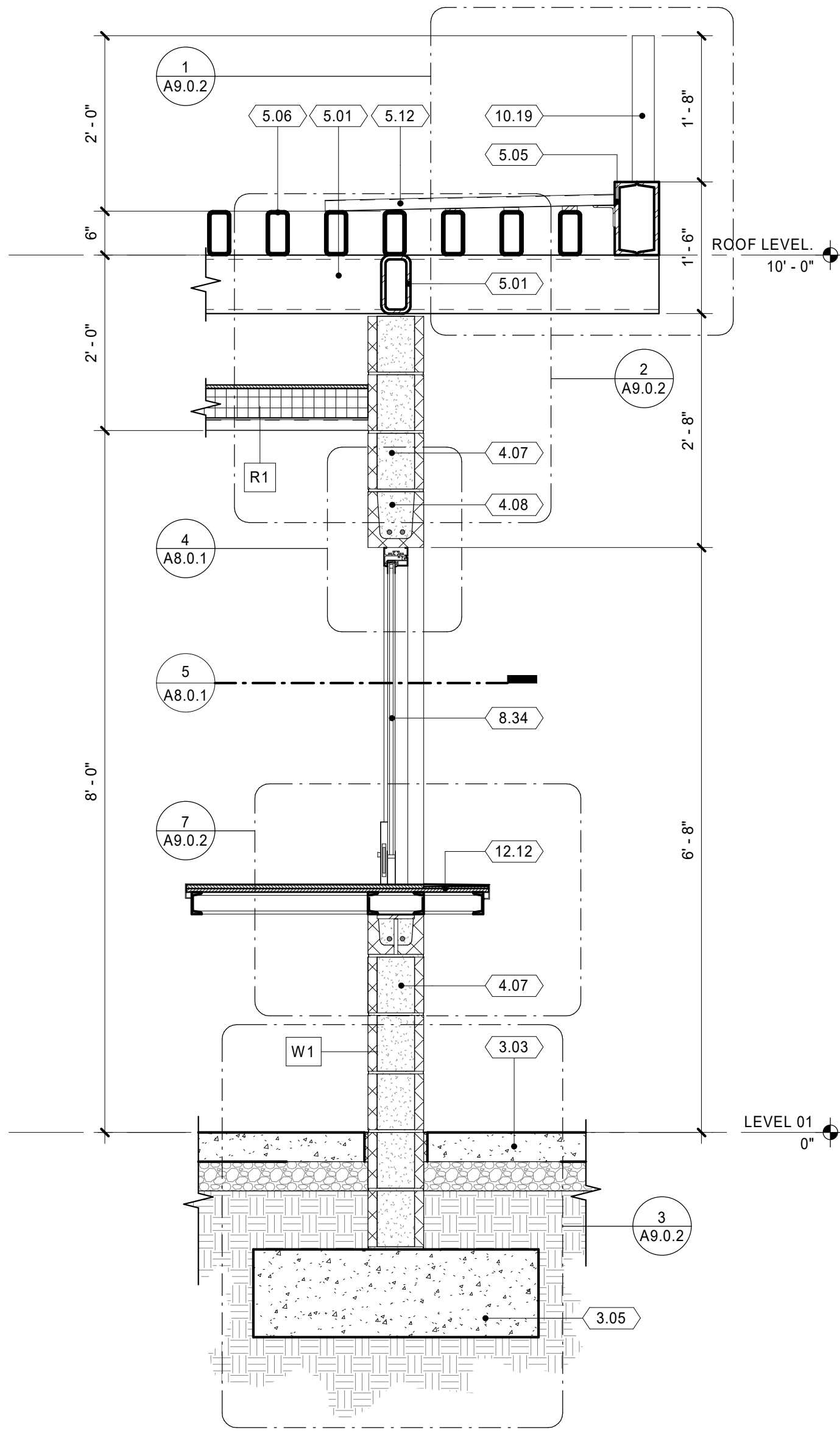
SHEET TITLE

**BUILDING SECTIONS - HOME  
GATEWAY**

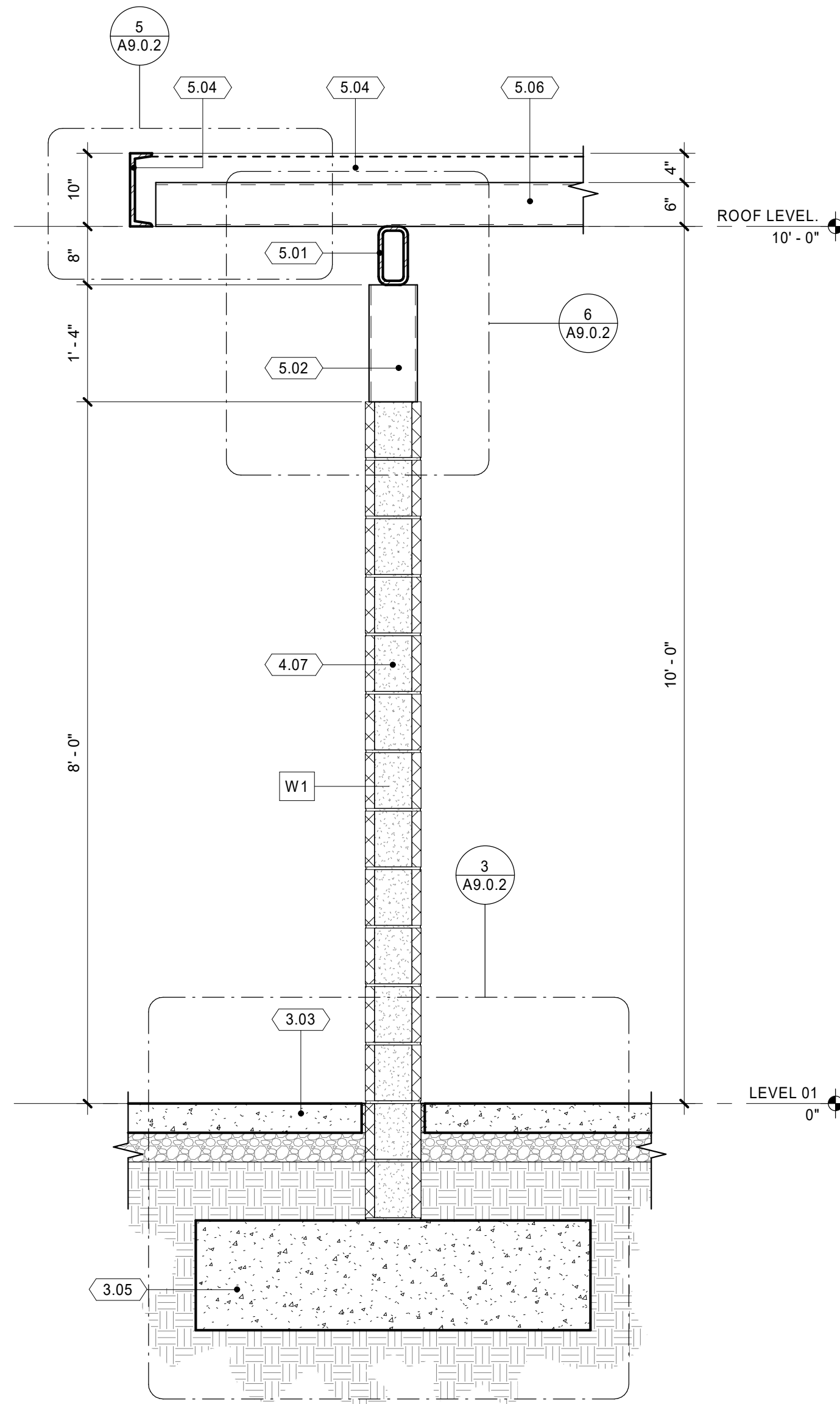
SHEET NUMBER

**A6.1.1**

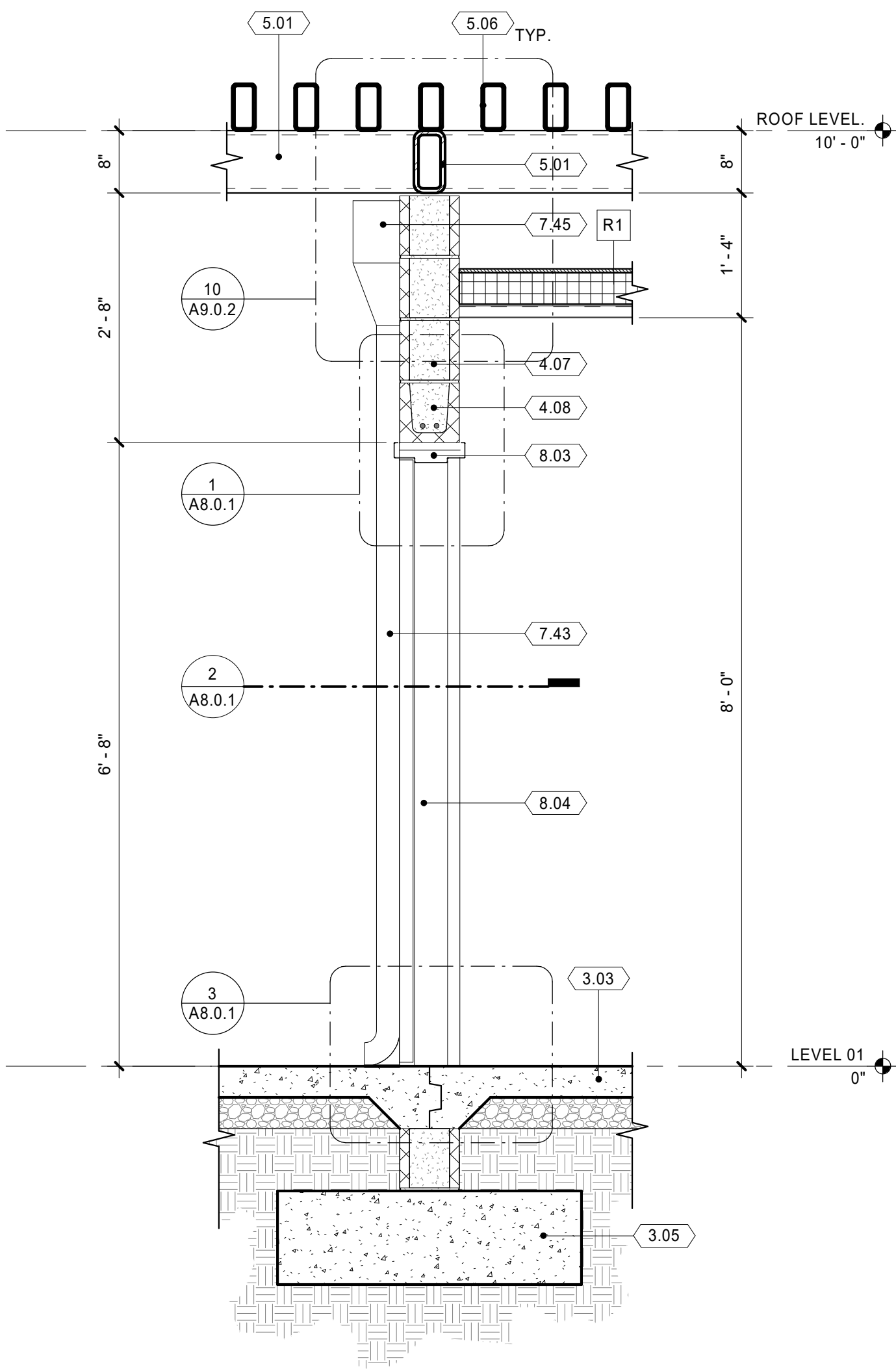




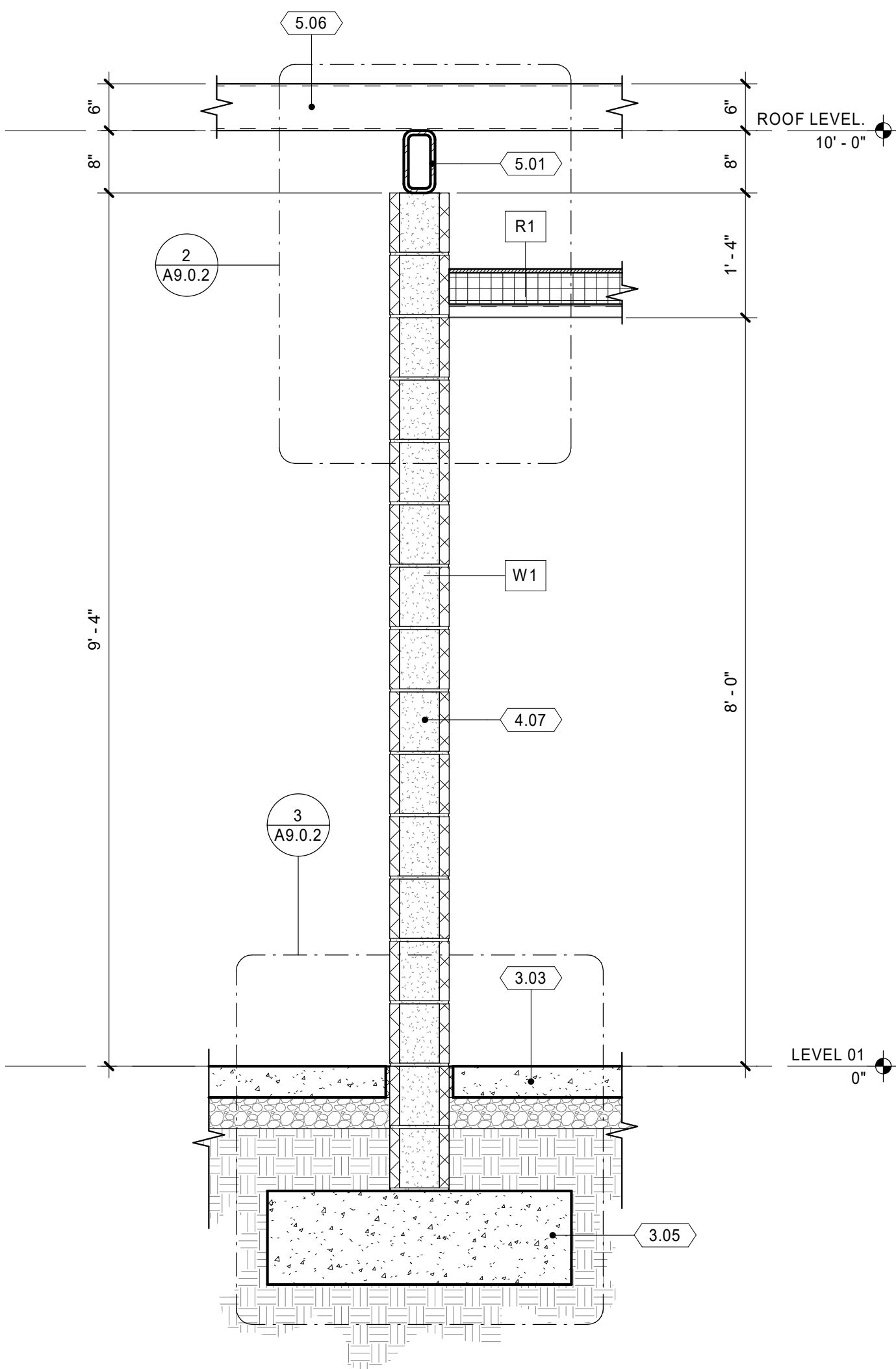
WALL SECTION - TICKET BOOTH WINDOW WALL 3  
3/4" = 1'-0" A6.2.1



WALL SECTION - END WALL 1  
3/4" = 1'-0" A6.2.1



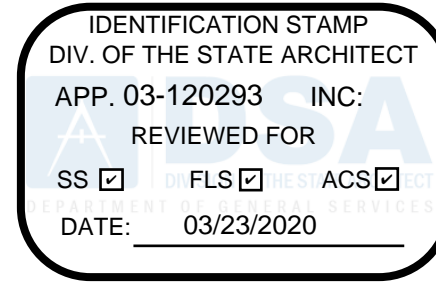
WALL SECTION - TICKET BOOTH DOOR WALL 4  
3/4" = 1'-0" A6.2.1



WALL SECTION - TICKET BOOTH SIDE WALL 2  
3/4" = 1'-0" A6.2.1

- KEYNOTES (XXX)
- 3.03 CAST-IN-PLACE CONCRETE SLAB - 03 30 10
  - 3.05 CAST-IN-PLACE CONCRETE FOOTING - 03 30 10
  - 4.07 CONCRETE MASONRY UNIT, 8" x 8" x 16," RUNNING BOND - 04 22 13
  - 4.08 PILASTER UNIT CMU - 04 22 00
  - 5.01 STEEL BEAM PER STRUCTURAL - 05 12 00
  - 5.02 STEEL COLUMN PER STRUCTURAL - 05 12 00
  - 5.04 STEEL CHANNEL PER STRUCTURAL - 05 12 00
  - 5.05 STEEL DOUBLE CHANNEL PER STRUCTURAL - 05 12 00
  - 5.06 STEEL TUBE TRELLIS RAFTER PER STRUCTURAL - 05 12 00
  - 5.12 METAL ROOF DECK - 05 31 00
  - 7.43 METAL DOWNSPOUT - 07 60 00
  - 7.45 METAL SCUPPER - 07 60 00
  - 8.03 HOLLOW METAL DOOR FRAME - 08 11 00
  - 8.04 HOLLOW METAL DOOR - 08 11 00
  - 8.34 ALUMINUM WINDOW - 08 51 13
  - 10.19 BRUSHED ALUMINUM DIMENSIONAL SIGNAGE - 10 14 00
  - 12.12 STAINLESS STEEL COUNTERTOP - 12 36 00

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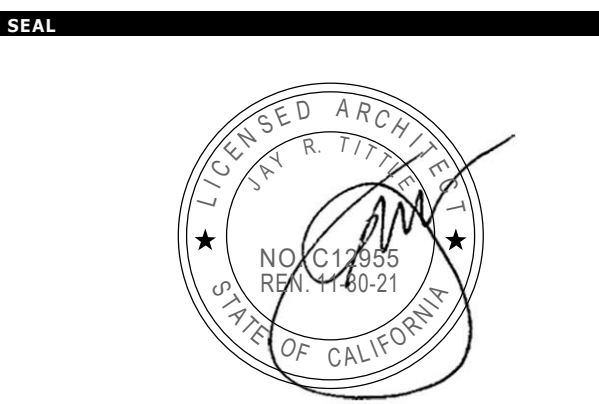
**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

PROJECT NAME

**RIO MESA HIGH SCHOOL TRACK &  
FIELD IMPROVEMENTS**

**545 CENTRAL AVENUE,  
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LEB  
DESIGN TEAM  
FM /RG /JR /CL

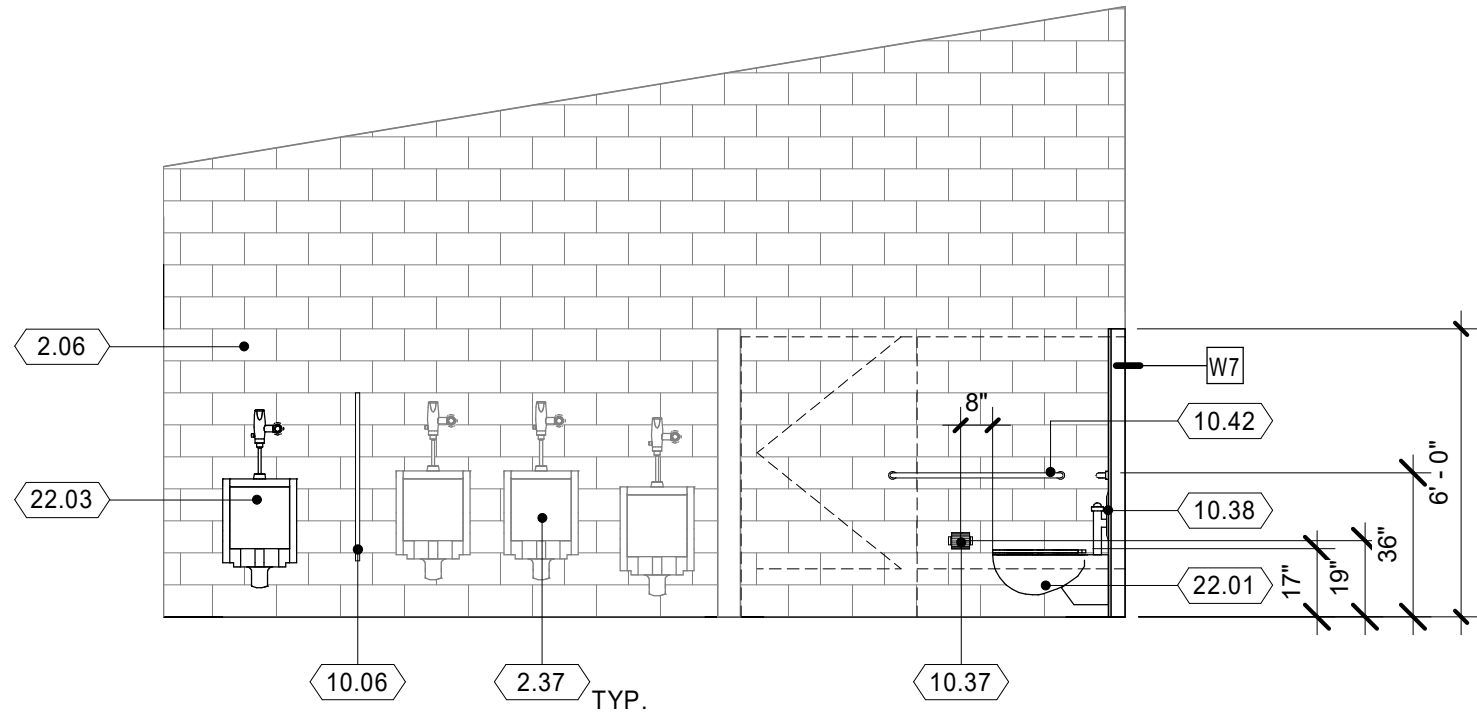
PROJECT NAME  
RIO MESA HIGH SCHOOL  
TRACK & FIELD  
IMPROVEMENTS

PROJECT NO.  
6121235307

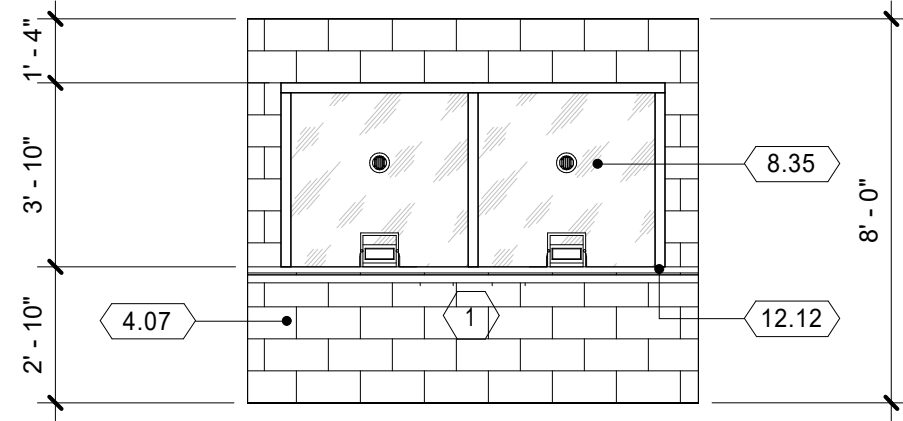
SHEET TITLE  
WALL SECTIONS - HOME GATEWAY

SHEET NUMBER  
A6.2.1

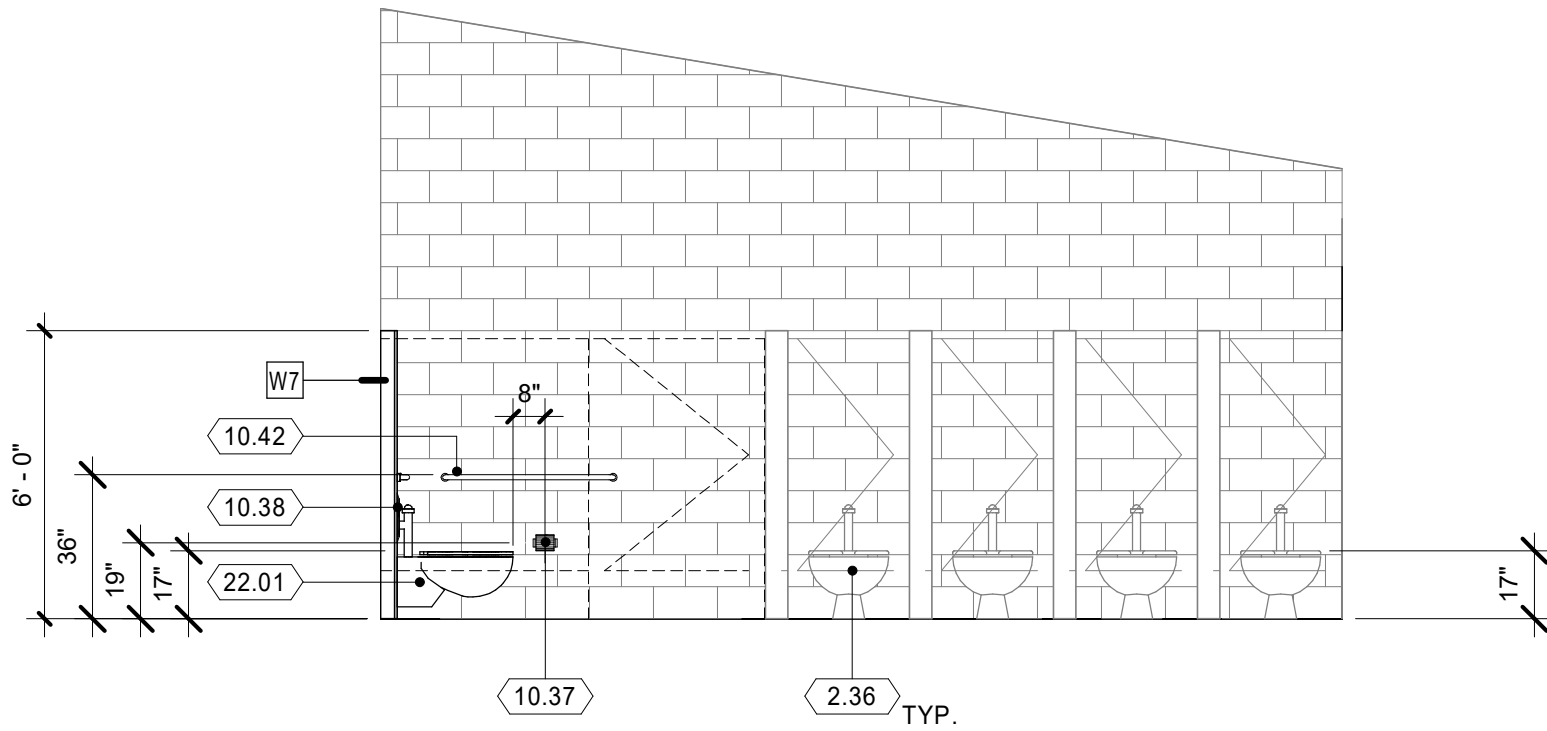




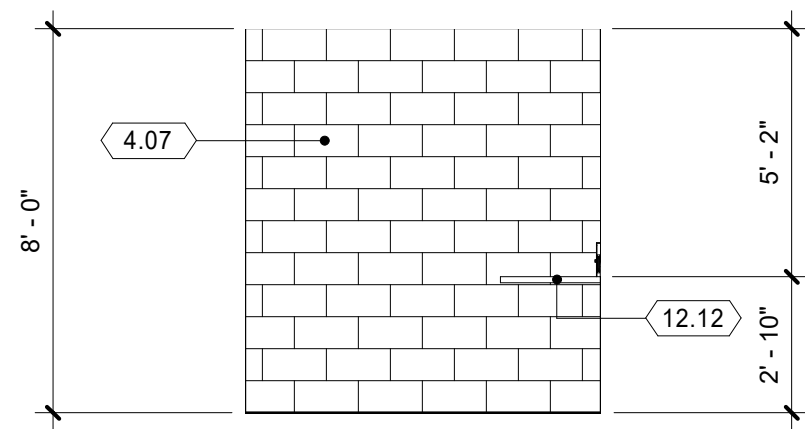
(E) MEN'S ROOM V101 - SOUTH WALL INT. ELEV. 5  
1/4" = 1'-0" A7.0.1



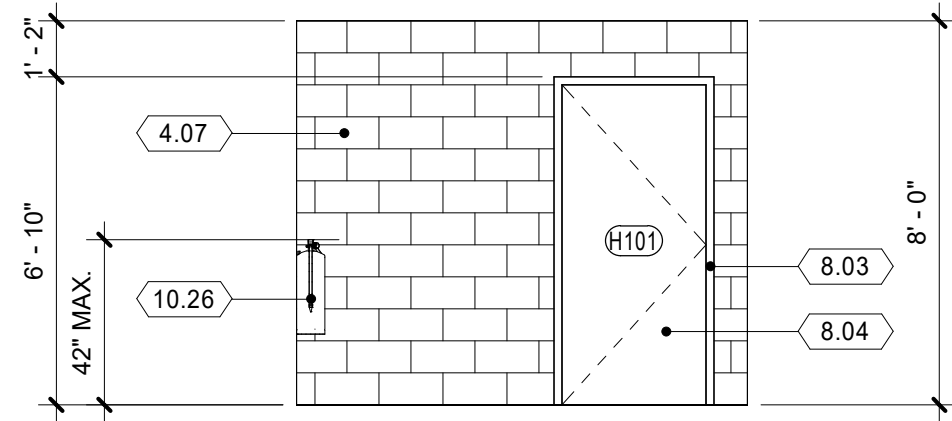
TICKET BOOTH - FRONT WALL INT. ELEV. 1  
1/4" = 1'-0" A7.0.1



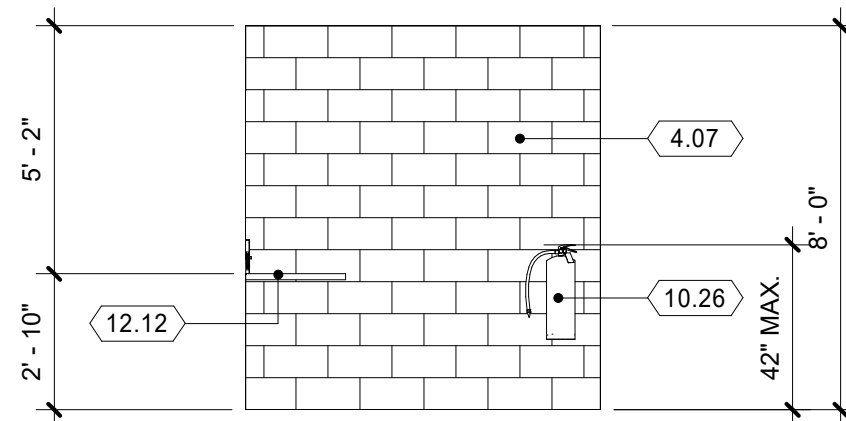
(E) WOMEN'S ROOM V102 - NORTH WALL INT. ELEV. 6  
1/4" = 1'-0" A7.0.1



TICKET BOOTH - EAST SIDE WALL INT. ELEV. 2  
1/4" = 1'-0" A7.0.1



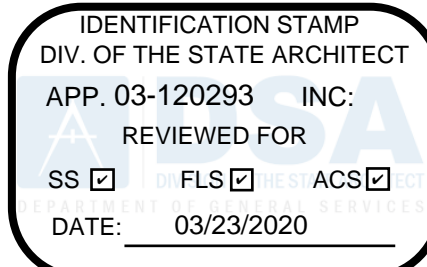
TICKET BOOTH - REAR WALL INT. ELEV. 3  
1/4" = 1'-0" A7.0.1



TICKET BOOTH - WEST SIDE WALL INT. ELEV. 4  
1/4" = 1'-0" A7.0.1

- KEYNOTES (XXX)
- 2.06 (E) CONCRETE MASONRY WALL TO REMAIN. PROTECT IN PLACE.
  - 2.36 (E) WATER CLOSET TO REMAIN. PROTECT IN PLACE.
  - 2.37 (E) URINAL TO REMAIN. PROTECT IN PLACE.
  - 4.07 CONCRETE MASONRY UNIT, 8" x 8" x 16"; RUNNING BOND - 04 22 13
  - 8.03 HOLLOW METAL DOOR FRAME - 08 11 00
  - 8.04 HOLLOW METAL DOOR - 08 11 00
  - 8.35 ALUMINUM PASS THRU WINDOW WITH SPEAK THROUGH DEVICE - 08 56 19
  - 10.06 METAL URINAL SCREEN- 10 21 13
  - 10.26 FIRE HOUSE CABINET - 10 44 16
  - 10.37 SURFACE-MOUNTED TOILET PAPER HOLDER - 10 28 00
  - 10.38 RECESSED TOILET SEAT COVER DISPENSER - 10 28 00
  - 10.42 GRAB BAR. SEE DETAIL 8/A2.0.2 FOR ANCHORAGE - 10 28 00
  - 12.12 STAINLESS STEEL COUNTERTOP - 12 38 00
  - 22.01 WALL-HUNG WATER CLOSET. SEE DETAIL 4/A2.0.2 FOR ANCHORAGE - 22 40 00
  - 22.03 ACCESSIBLE WALL-HUNG URINAL. SEE DETAIL 4/A2.0.2 FOR ANCHORAGE - 22 40 00

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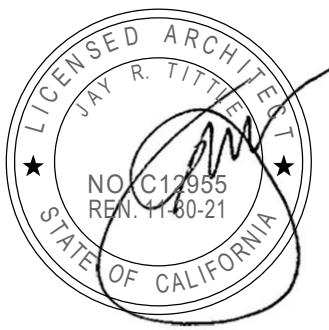
PROJECT NAME

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DESIGN TEAM

FM /RG /JR /CL

PROJECT NAME

**RIO MESA HIGH SCHOOL  
TRACK & FIELD  
IMPROVEMENTS**

PROJECT NO.

**6121235307**

SHEET TITLE

**INTERIOR ELEVATIONS - HOME  
GATEWAY/BUILDING UNIT 'V'**

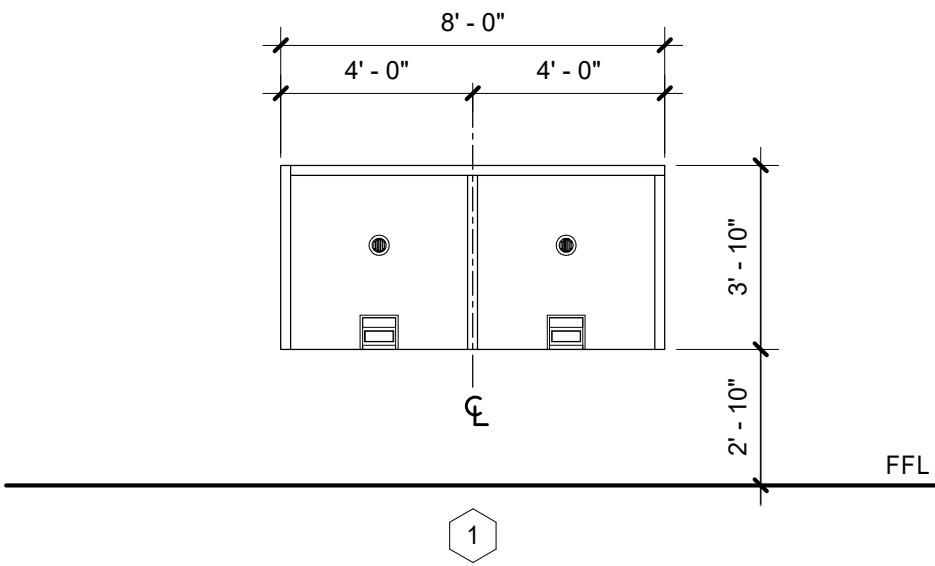
SHEET NUMBER

**A7.0.1**



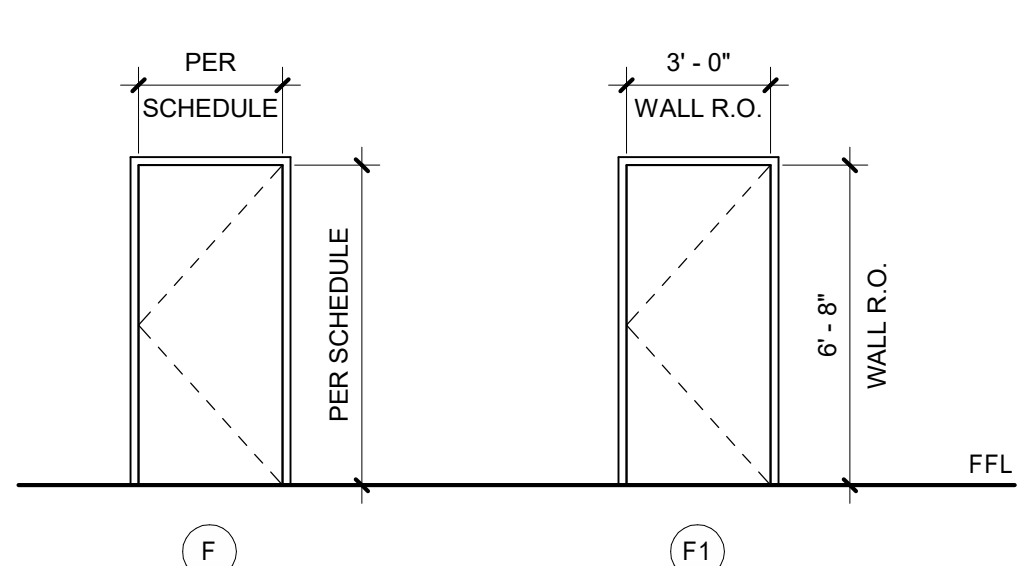
ROOM FINISH SCHEDULE																
NO.	ROOM NAME	FLOOR			BASE	WALLS								CEILING		REMARKS
		MAT.	FIN.	CONC.		NORTH		EAST		SOUTH		WEST		MAT.	FIN.	
						CMU	PF-1	CMU	PF-1	CMU	PF-1	CMU	PF-1			
H101	MAIN GATEWAY TICKET BOOTH	CONC.	CS-1	-		CMU	PF-1	CMU	PF-1	CMU	PF-1	CMU	PF-1	EXP	UNF	1

DOOR SCHEDULE											
DOOR			FRAME			DETAILS					
NO.	WIDTH	HEIGHT	TYPE	MAT.	FIN.	TYPE	MAT.	FIN.	HEAD	JAMB	THRESH
H101	3'-0"	6'-8"	F	HM	PFX-1	F1	HM	PFX-1	1/A8.0.1	2/A8.0.1	3/A8.0.1



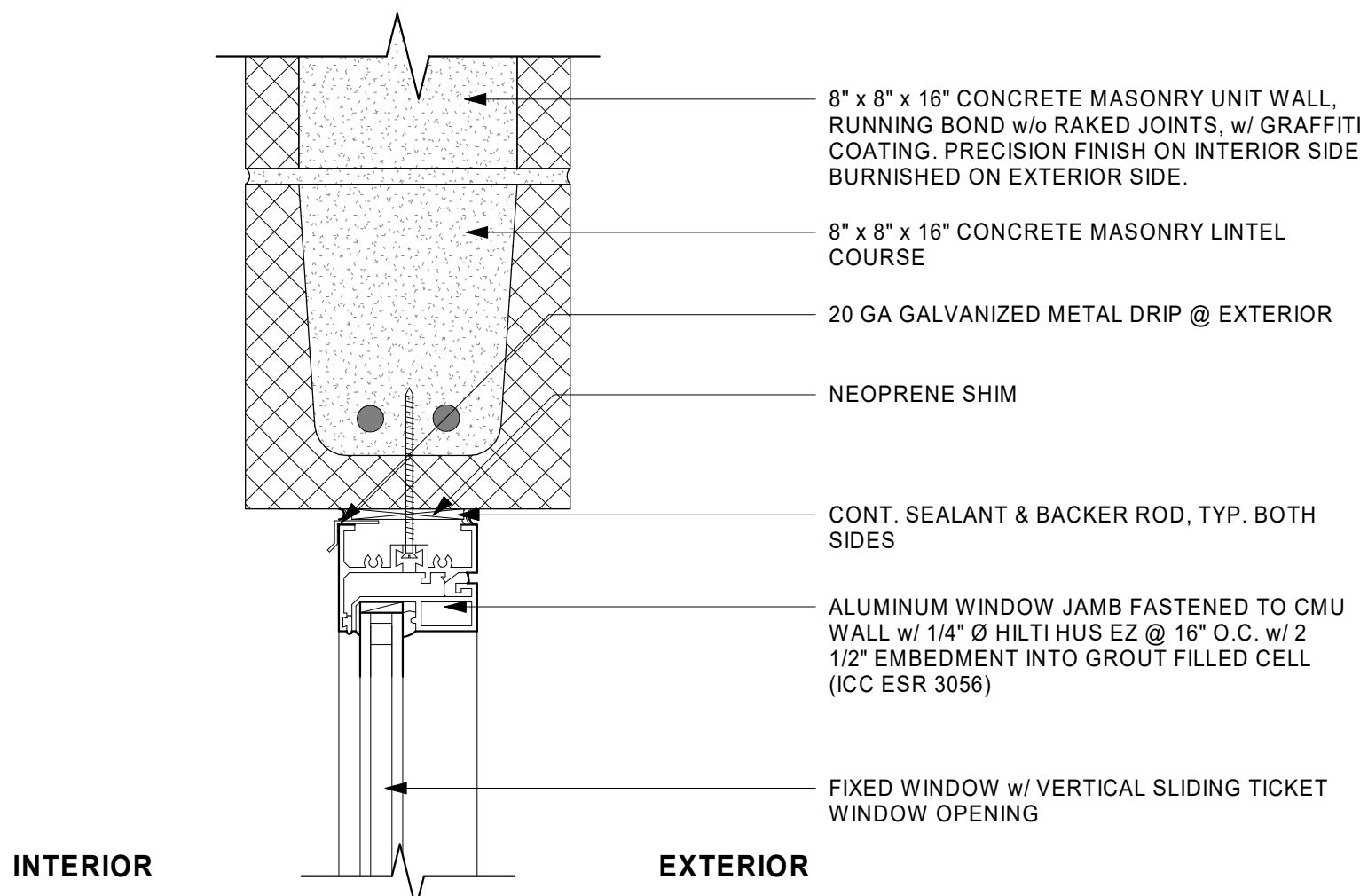
WINDOW TYPES LEGEND

1/4" = 1'-0"



DOOR AND FRAME TYPE LEGEND

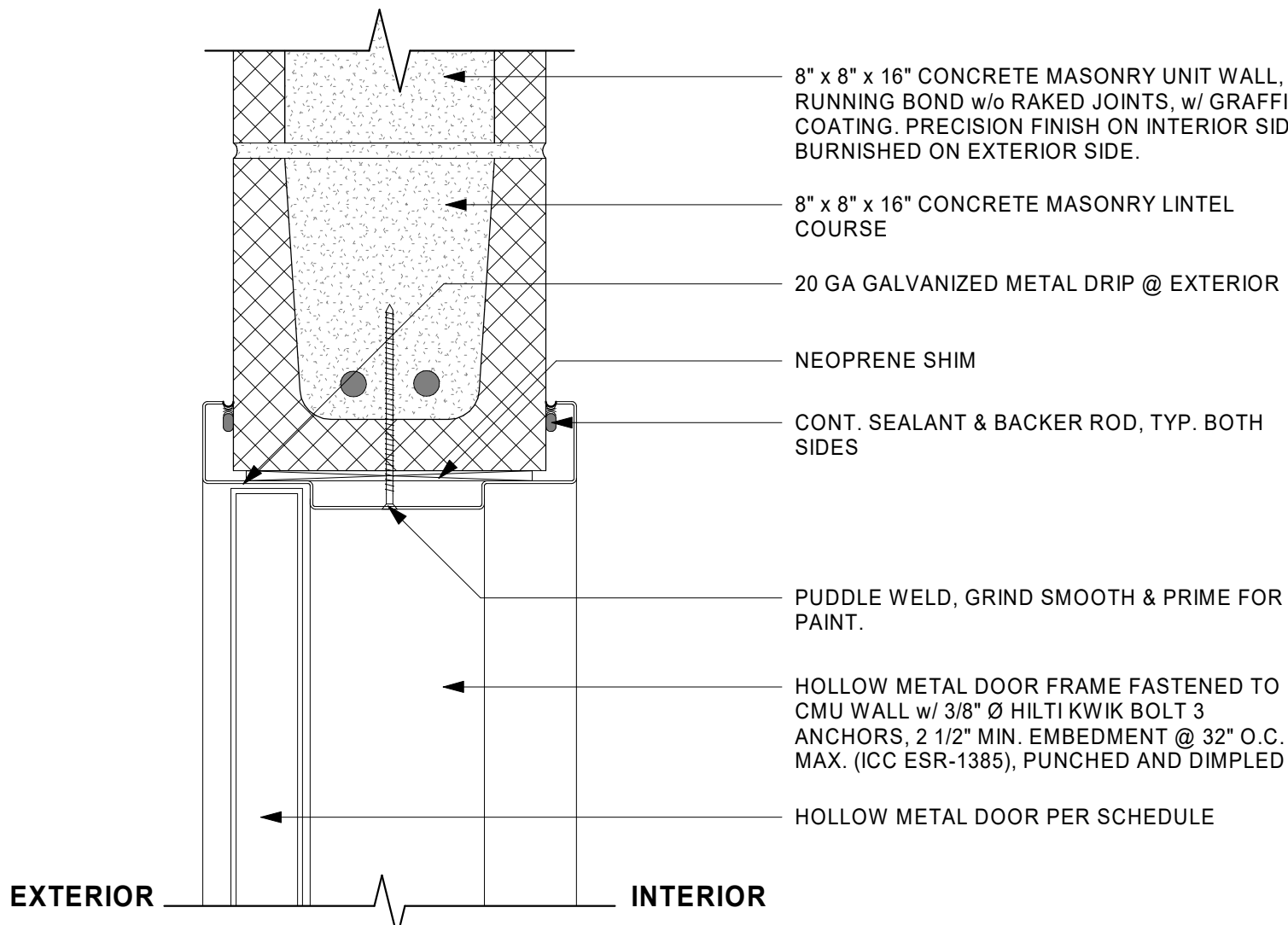
1/4" = 1'-0"



ALUMINUM WINDOW HEAD @ CMU WALL

4

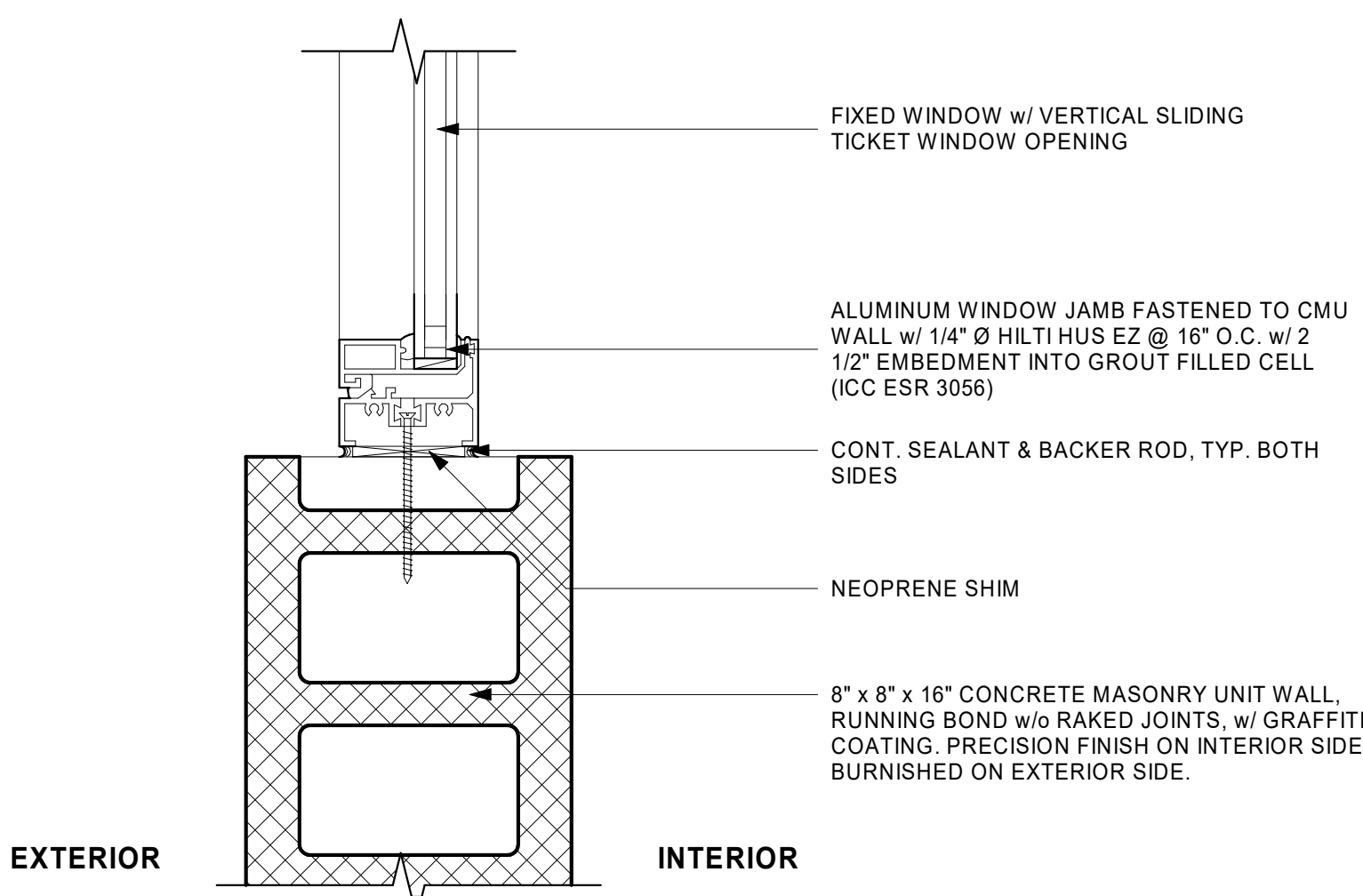
3" = 1'-0" A8.0.1



METAL DOOR HEAD @ CMU WALL

1

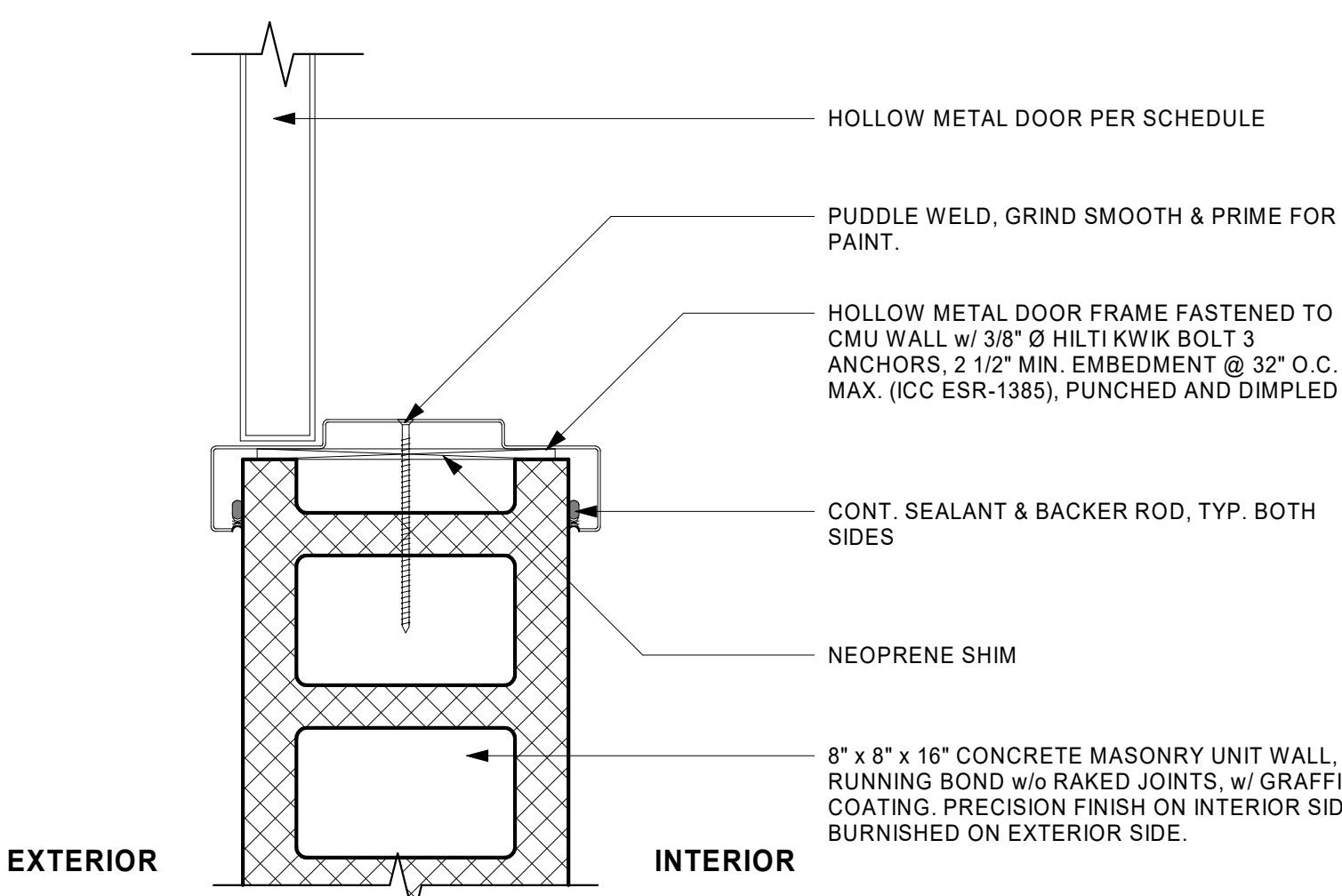
3" = 1'-0" A8.0.1



ALUMINUM WINDOW JAMB @ CMU WALL

5

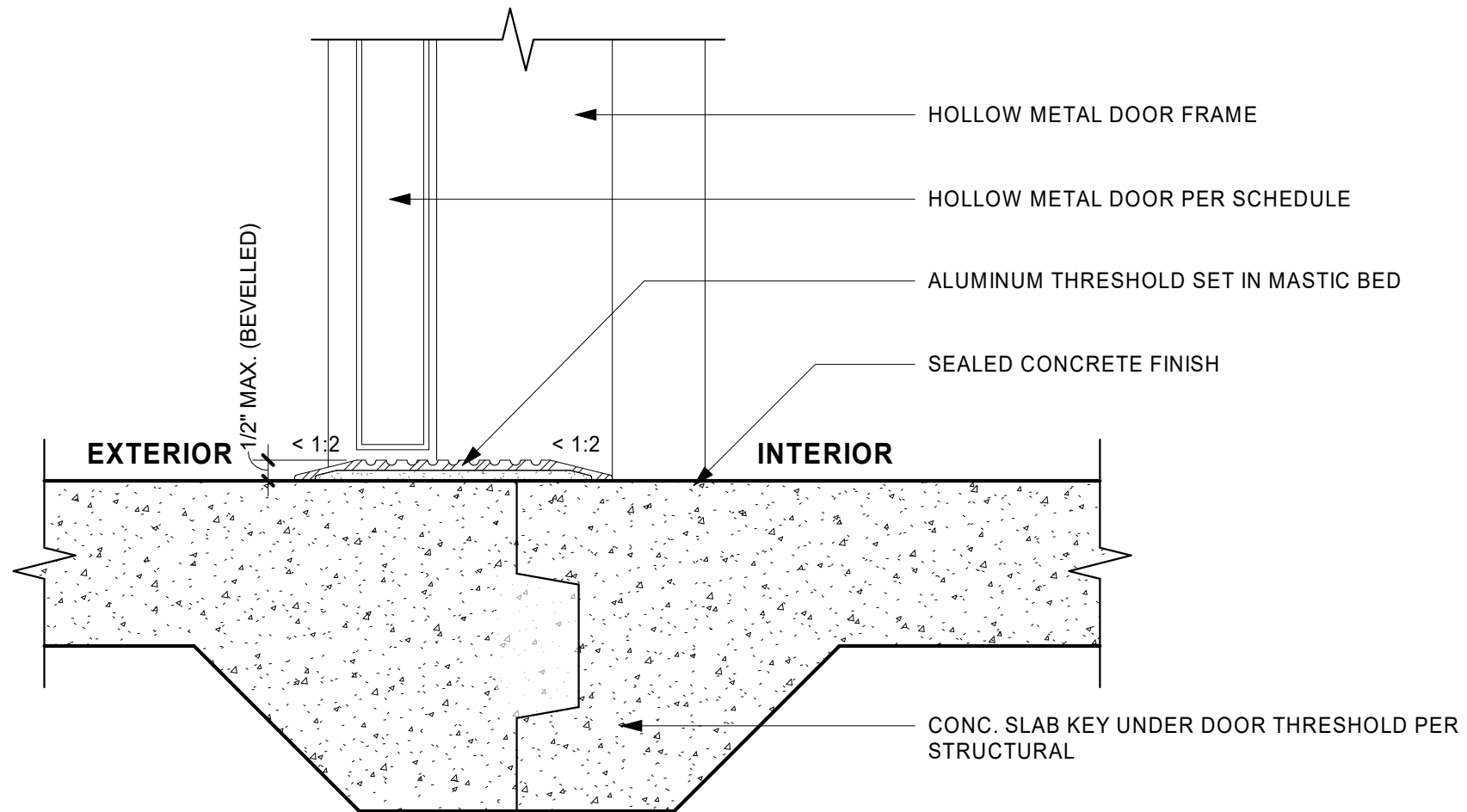
3" = 1'-0" A8.0.1



METAL DOOR JAMB @ CMU WALL

2

3" = 1'-0" A8.0.1



METAL DOOR @ THRESHOLD

3

3" = 1'-0" A8.0.1

MATERIALS

CBU CEMENTITIOUS BACKER UNIT  
CS-1 CONCRETE SEALER - COLORLESS - 03 30 10  
CONC EXPOSED CONCRETE  
CMU CONCRETE MASONRY UNIT  
CT-3 CERAMIC TILE PAVER - 12 x 12 FLOOR - 09 30 13

EXP EXPOSED STRUCTURE

FF FACTORY FINISH

GB GYPSUM BOARD - 09 21 16

GBX GYPSUM BOARD, FIRE RATED - 09 21 16

GBMR GYPSUM BOARD, MOISTURE RESISTANT - 09 21 16

GBMRX GYPSUM BOARD, FIRE RATED, MOISTURE RESISTANT - 09 21 16

ALUM ALUMINUM

HM HOLLOW METAL

WD WOOD

STL STEEL

PF-1 PAINT - SEMI-GLOSS - 09 91 00

PF-2 PAINT - EGGSHELL - 09 91 00

PF-3 PAINT - SEMI-GLOSS ENAMEL - 09 91 00

PF-4 PAINT - FERROUS METAL PIPING, MISC. METALS - 09 91 00

PF-5 PAINT - GALV. DUCTWORK, ELECT CONDUIT - 09 91 00

PF-6 PAINT - EPOXY - 09 91 00

PFX-1 PAINT - STEEL DOORS & FRAMES - 09 91 00

PFX-2 PAINT - HIGH PERFORMANCE COATING - 09 91 00

PFX-3 PAINT - FERROUS METAL PIPING, MISC. METALS - 09 91 00

PFX-4 PAINT - FLAT FINISH ACRYLIC - 09 91 00

UNF UNFINISHED

INTERIOR PAINT COLORS

PT-1

PT-2

PT-3

PT-4

GENERAL NOTES - FINISHES

- ALL FINISHES SHALL COMPLY WITH 2016 CBC CHAPTER 8 AND WITH TITLE 19 C.C.R. & 2016 CFC.
- PREPARE ALL SURFACES TO BE FINISHED PRIOR TO PAINTING, INCLUDING GALVANIZED STEEL AND ALL SURFACES ON WHICH DEBRIS OR OTHER RESIDUES EXIST WHICH MAY INTERFERE WITH FINISHING.

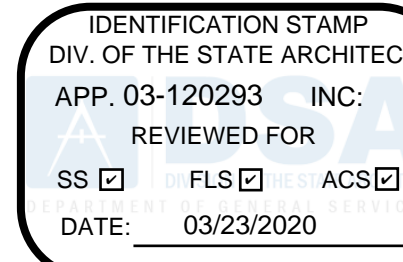
FINISH SCHEDULE REMARKS

- PAINT ALL EXPOSED STRUCTURAL STEEL, METAL DECK, DUCTWORK AND ELECTRICAL COMPONENTS - 09 91 00.

DOOR SCHEDULE REMARKS

- ALL DOORS ARE 1-3/4" THICK UNLESS NOTED OTHERWISE.

AGENCY REVIEW



**LITTLE**  
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Newport Beach, CA, 92660  
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CLIENT NAME

**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

PROJECT NAME

**RIO MESA HIGH SCHOOL TRACK &  
FIELD IMPROVEMENTS**

**545 CENTRAL AVENUE,  
OXNARD, CA. 93036**

CONSULTANT

SEAL



ISSUE FOR

DSA SUBMITTAL

ISSUE DATE

03/23/2020

REVISIONS

NO.	REASON	DATE

PROJECT TEAM

PRINCIPAL IN CHARGE

JT

PROJECT MANAGER

LEB

DESIGN TEAM

FM/RG/CL/TA

PROJECT NAME

RIO MESA HIGH SCHOOL

TRACK & FIELD

IMPROVEMENTS

PROJECT NO.

6121235307

SHEET TITLE

ROOM FINISH SCHEDULE, DOOR  
SCHEDULE, DOOR & WINDOW  
TYPES, DETAILS

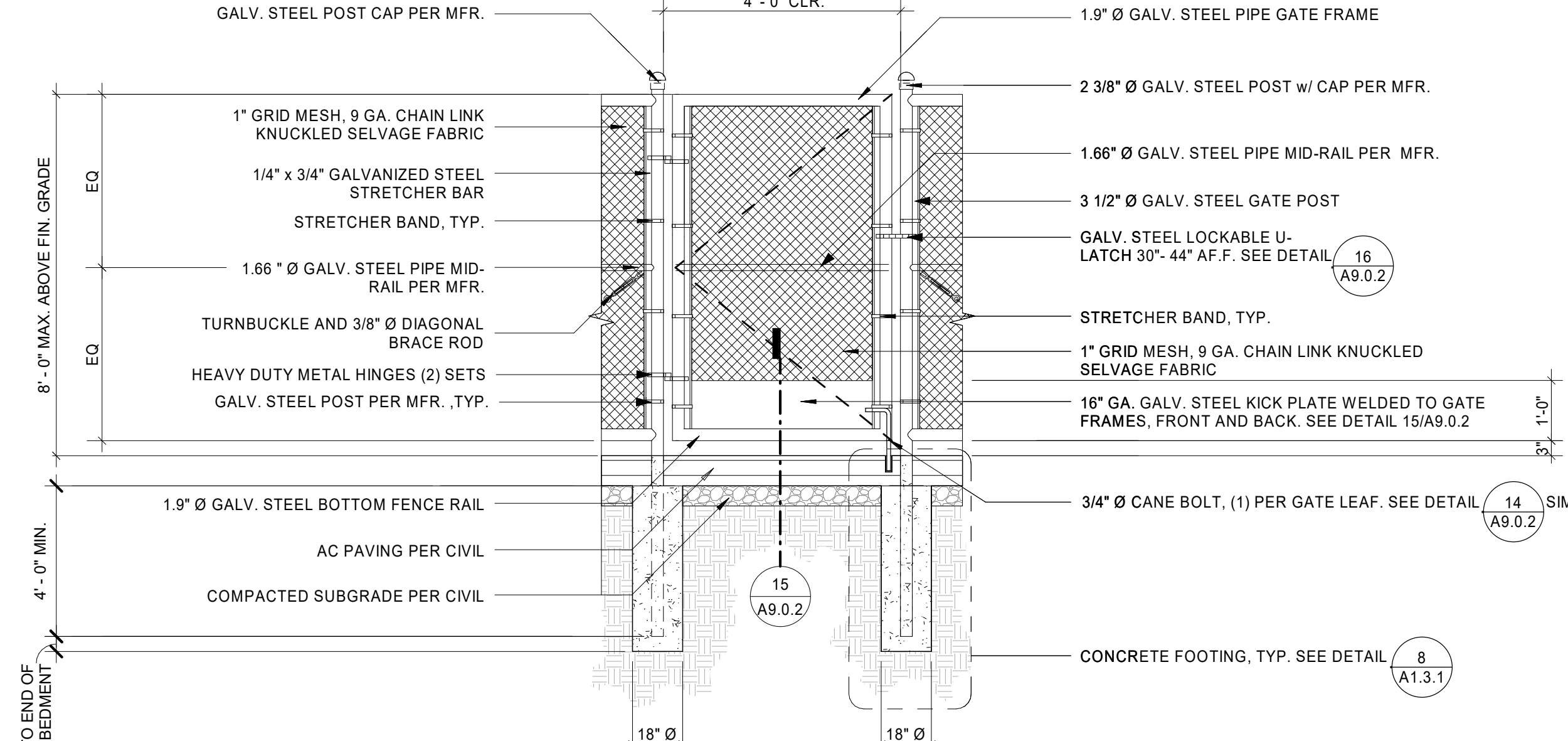
SHEET NUMBER

A8.0.1

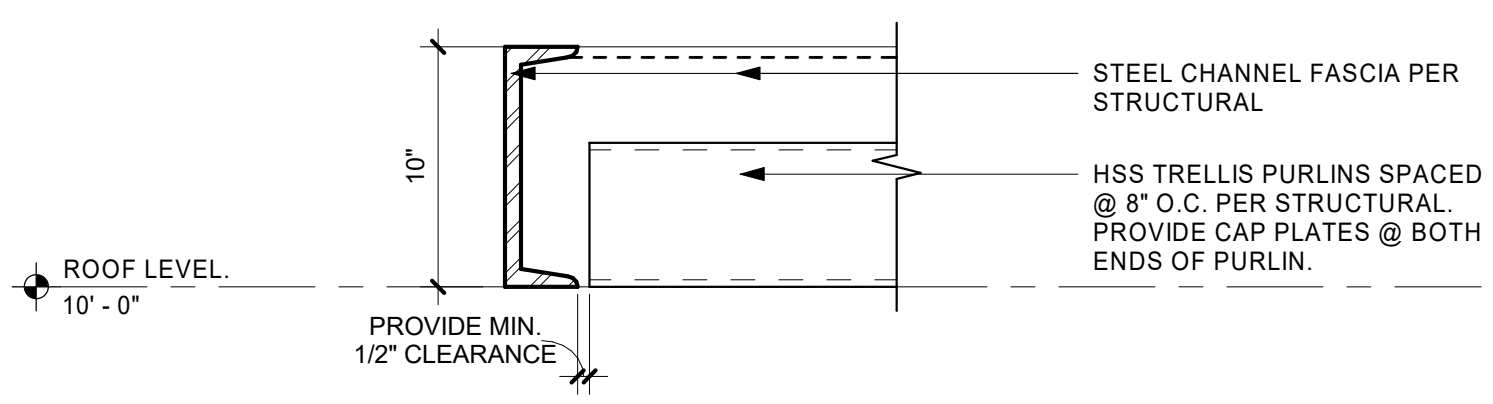




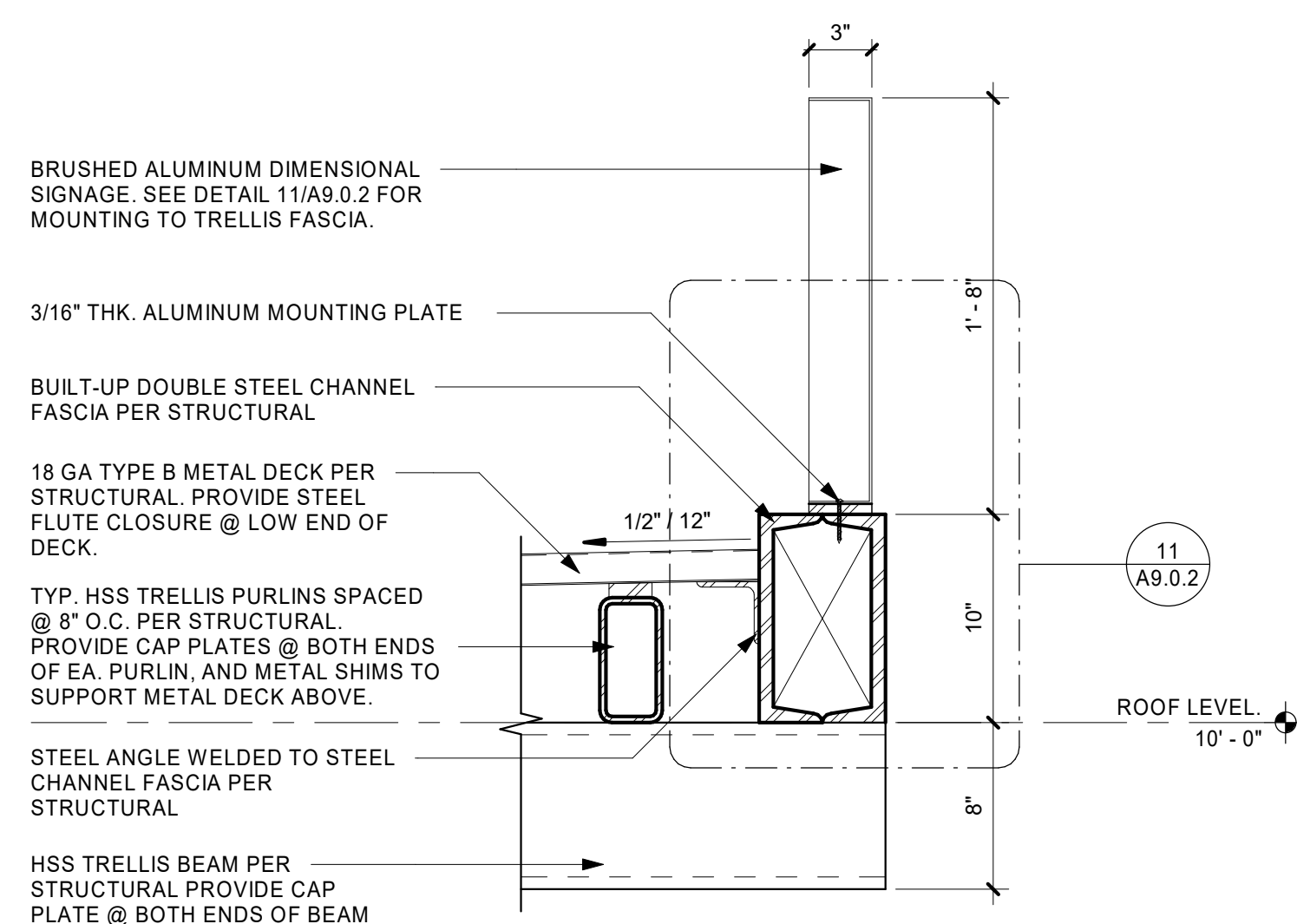




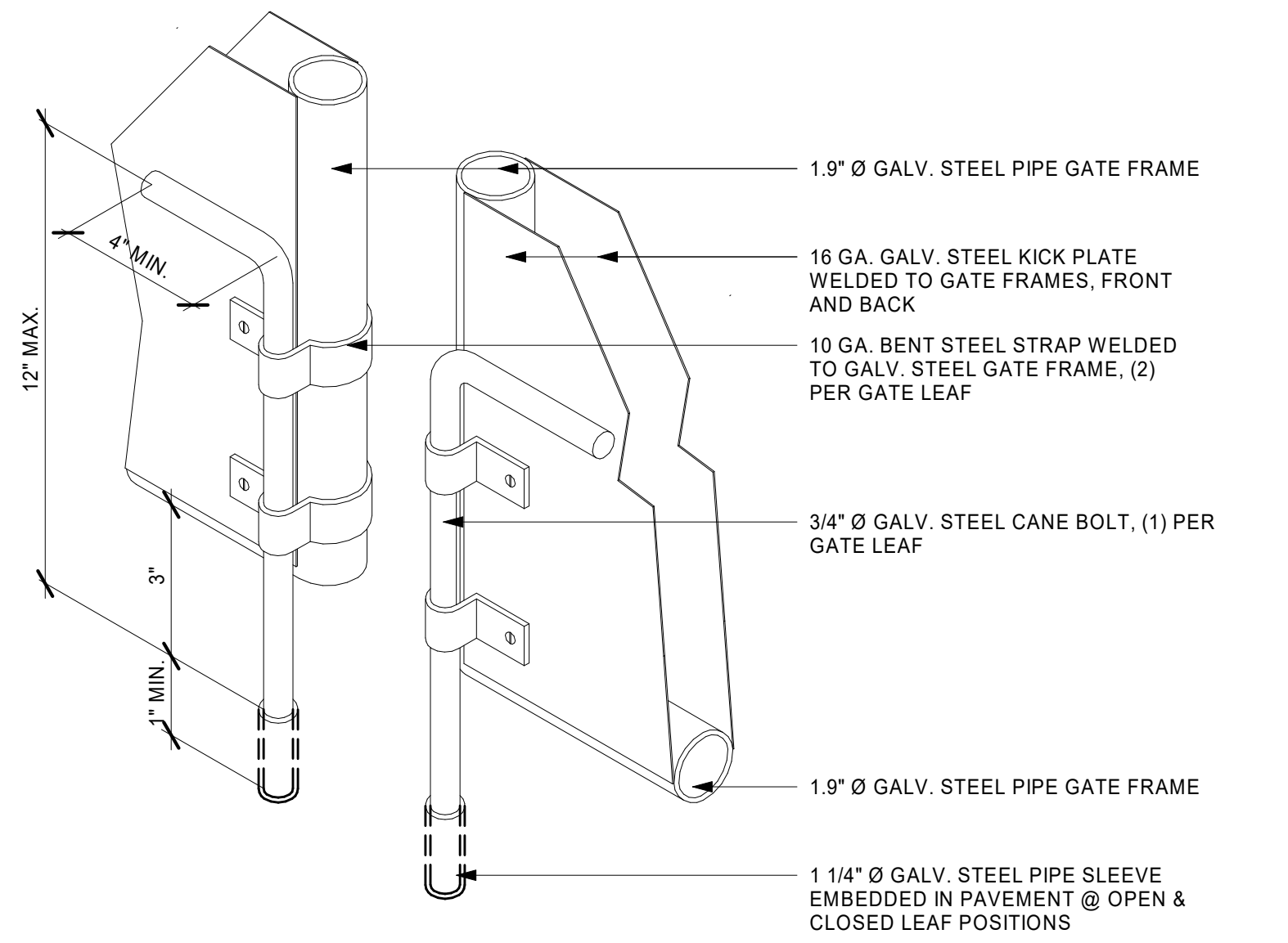
CHAIN LINK PEDESTRIAN GATE 9  
1/2" = 1'-0" A9.0.2



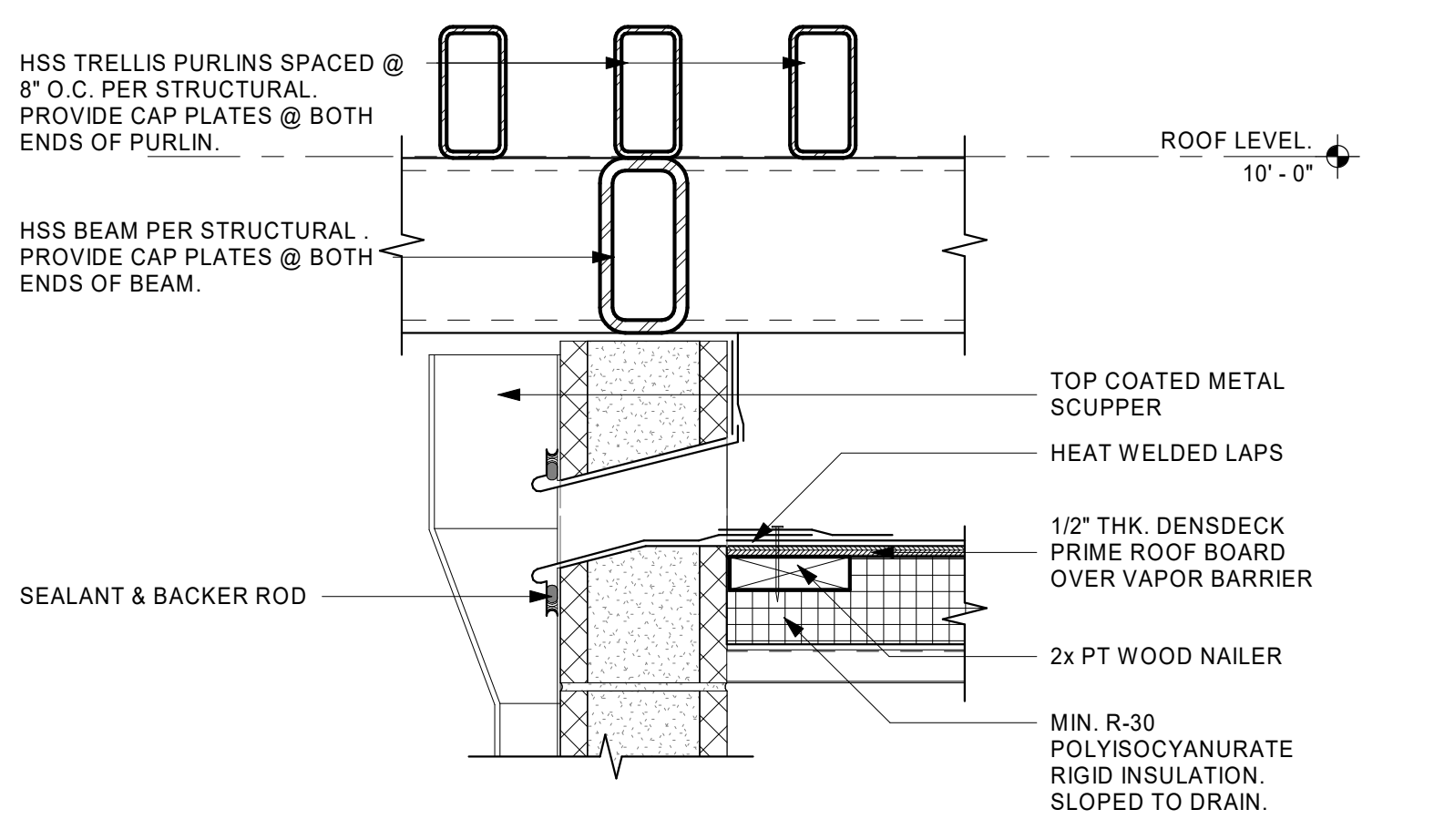
TYP. END CHANNEL FASCIA 5  
1 1/2" = 1'-0" A9.0.2



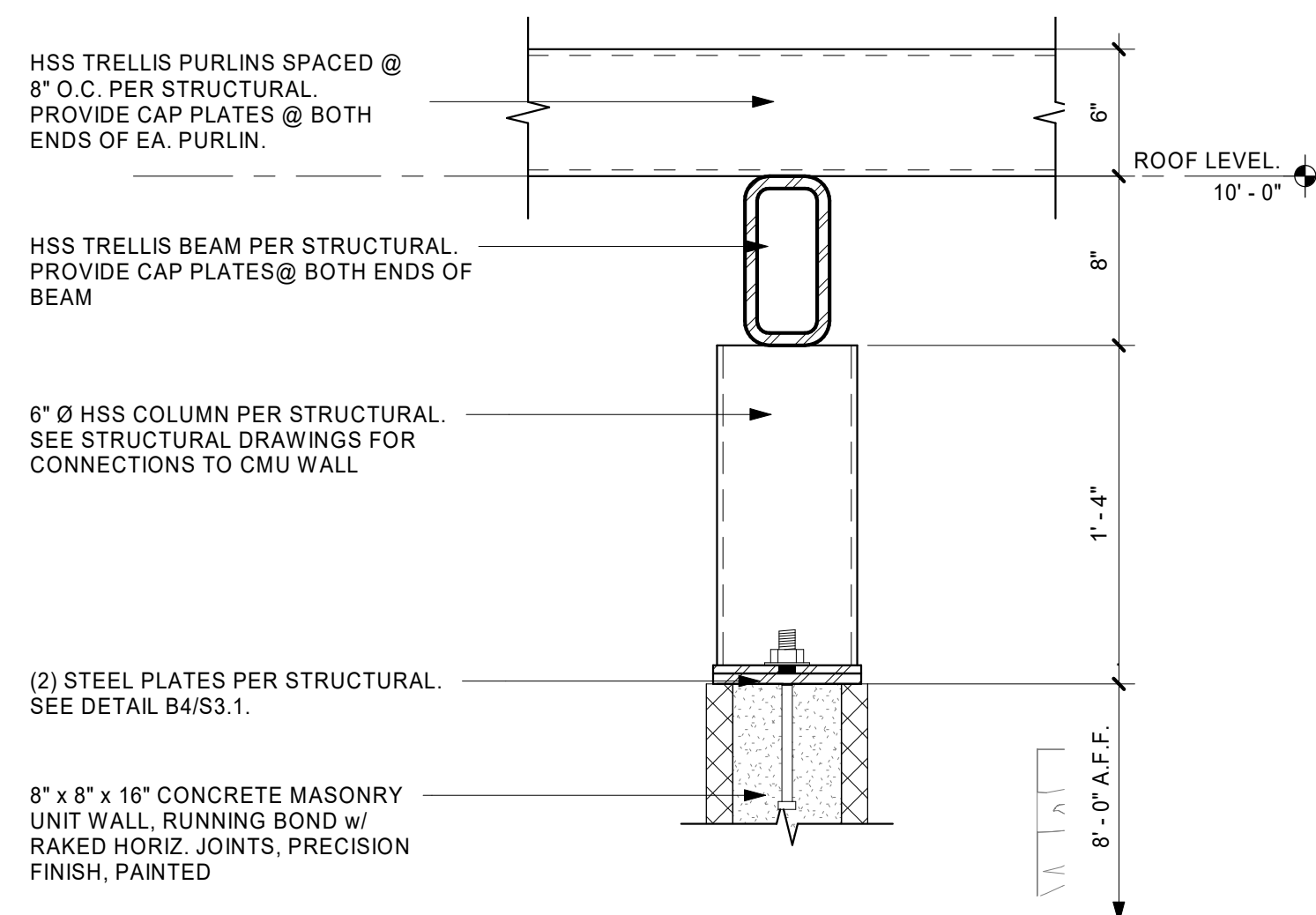
DOUBLE CHANNEL FASCIA AND DIMENSIONAL SIGNAGE 1  
1 1/2" = 1'-0" A9.0.2



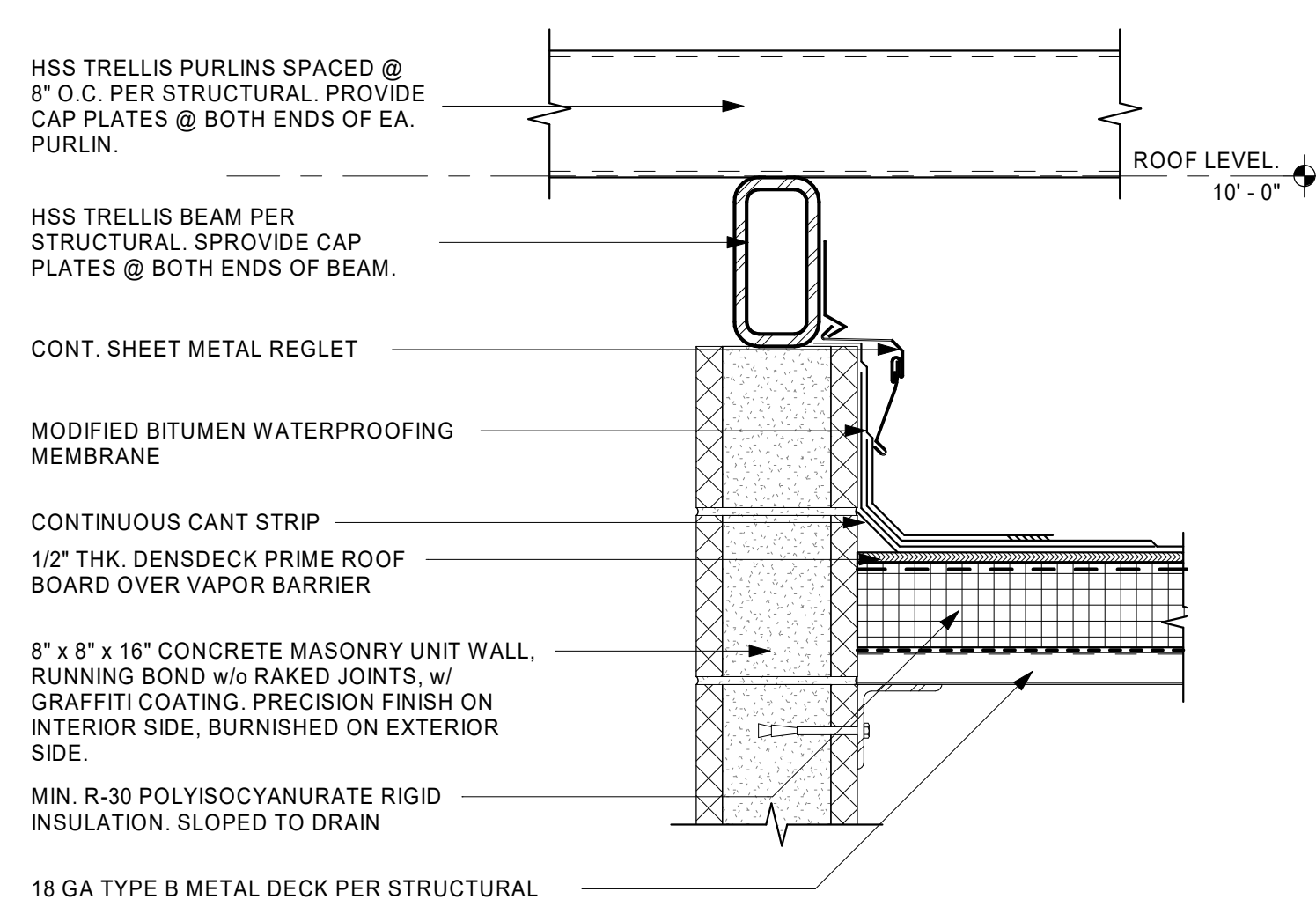
CANE BOLT ASSEMBLY 14  
3" = 1'-0" A9.0.2



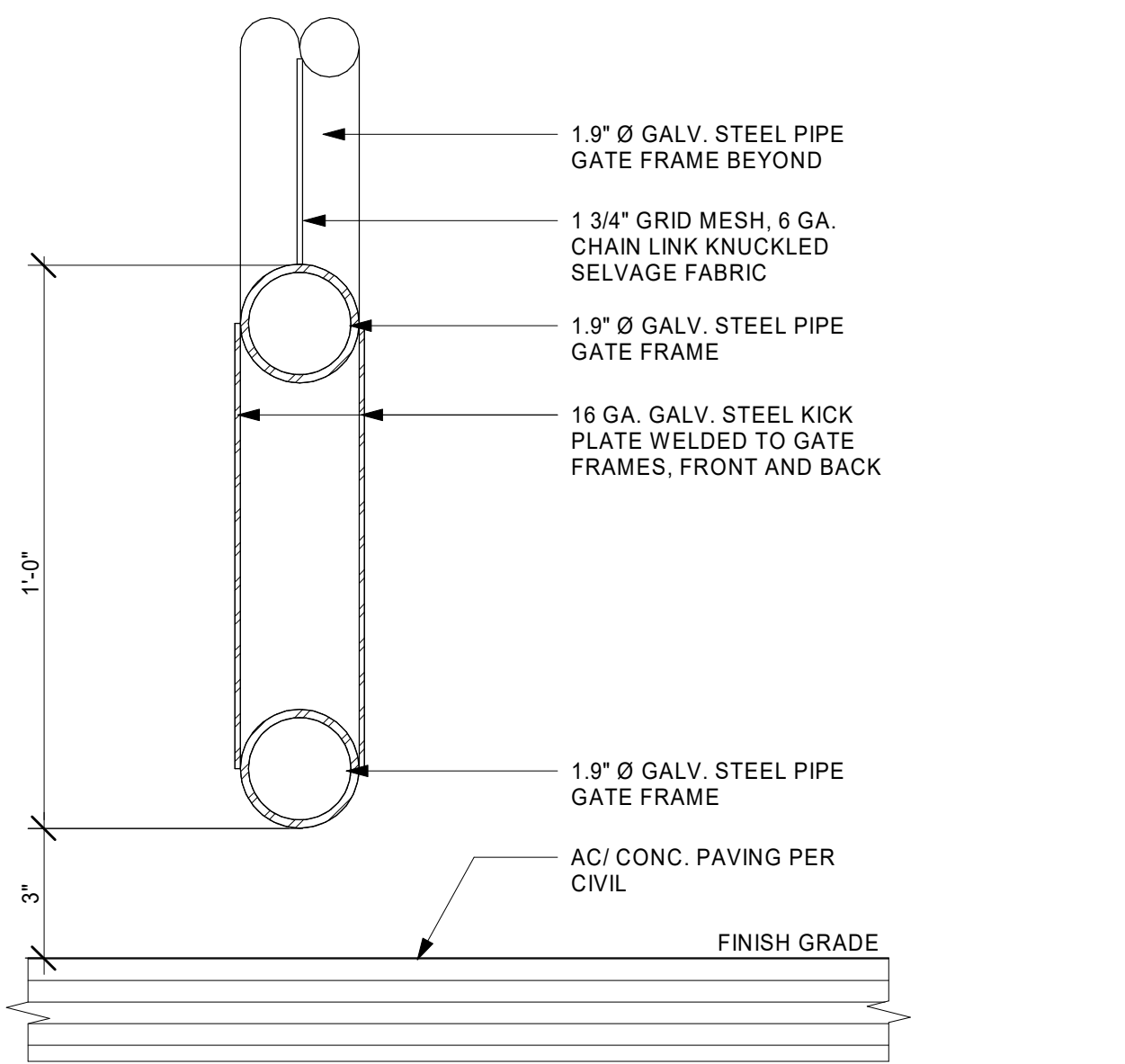
METAL SCUPPER @ CMU WALL 10  
1 1/2" = 1'-0" A9.0.2



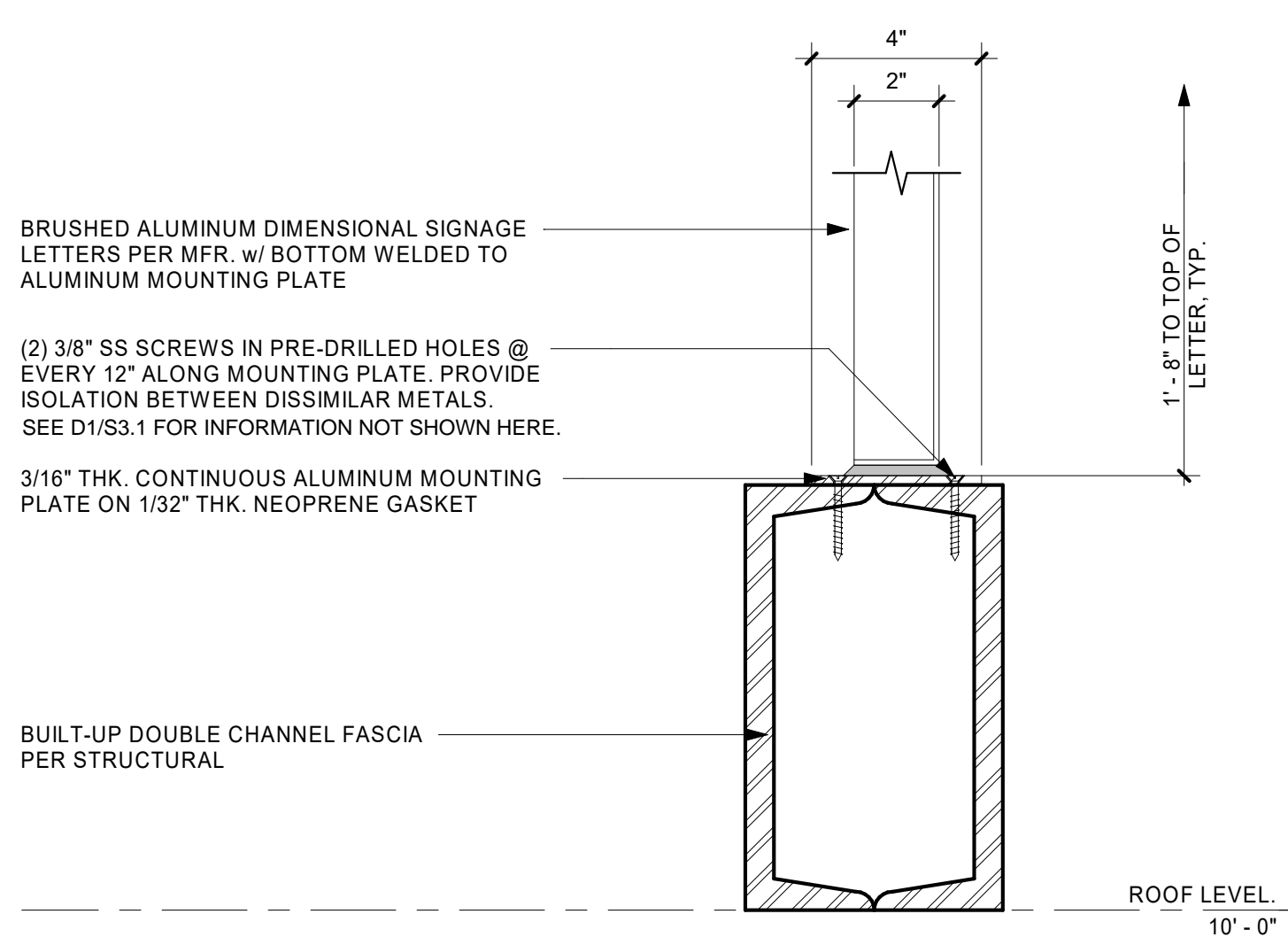
COLUMN/CMU END WALL CONNECTION 6  
1 1/2" = 1'-0" A9.0.2



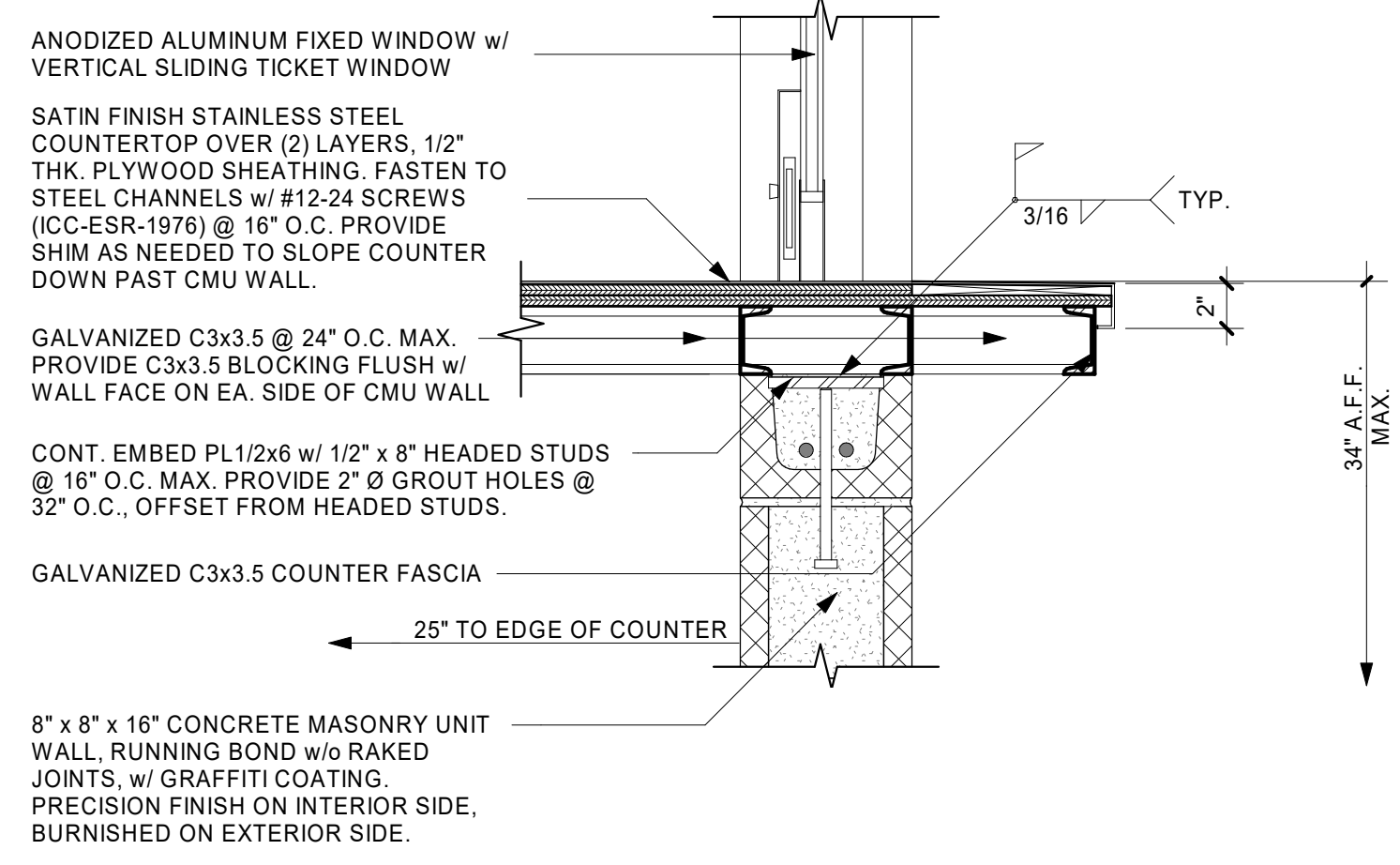
ROOF/CMU WALL CONNECTION 2  
1 1/2" = 1'-0" A9.0.2



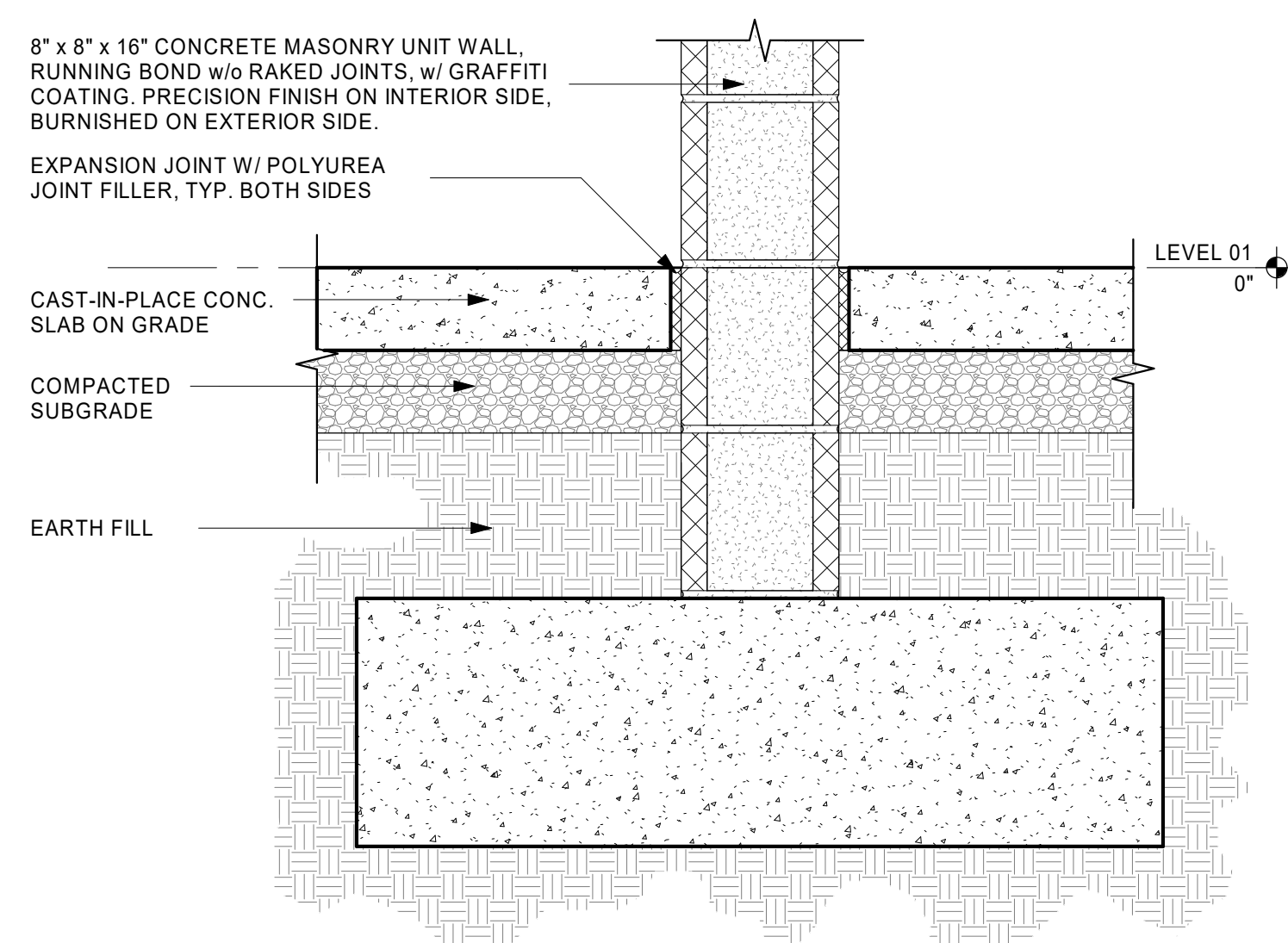
CHAIN LINK GATE KICK PLATE 15  
3" = 1'-0" A9.0.2



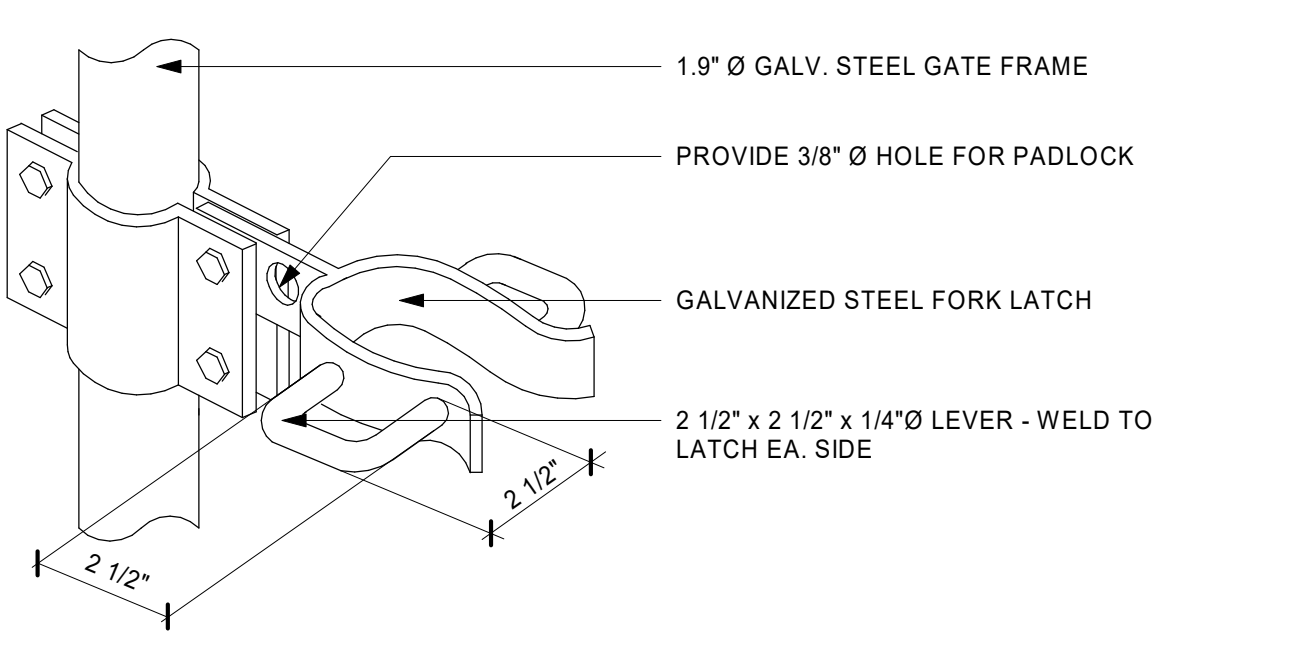
DIMENSIONAL SIGNAGE MOUNTING 11  
3" = 1'-0" A9.0.2



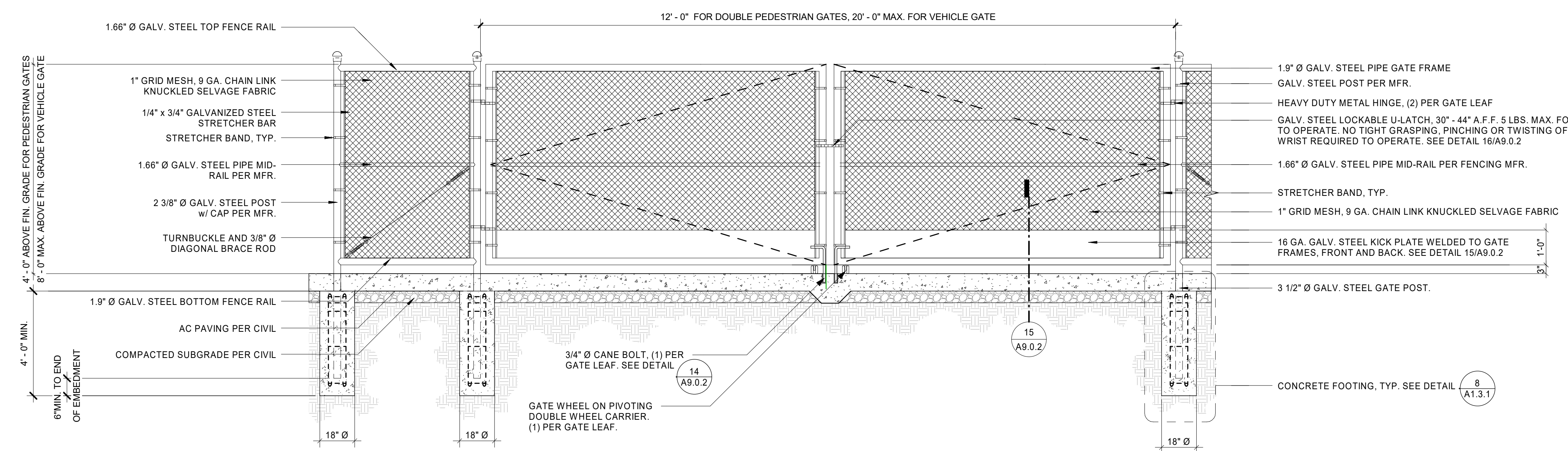
STAINLESS STEEL TICKET COUNTER 7  
1 1/2" = 1'-0" A9.0.2



CMU WALL/CONC. SLAB CONNECTION 3  
1 1/2" = 1'-0" A9.0.2



CHAINLINK GATE NON-GRASP LATCH 16  
6" = 1'-0" A9.0.2



CHAIN LINK FENCE & FIRE GATE 4  
1/2" = 1'-0" A9.0.2

AGENCY REVIEW

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 03-120293 INC.  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 03/23/2020

**LITTLE**  
DIVERSIFIED ARCHITECTURAL CONSULTING

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CONSULTANT

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PRINCIPAL IN CHARGE  
JT  
PROJECT MANAGER  
LEB  
DESIGN TEAM  
FM /RG /JR /CL

PROJECT NAME

**RIO MESA HIGH SCHOOL  
TRACK & FIELD  
IMPROVEMENTS**

PROJECT NO.

**6121235307**

SHEET TITLE

**EXTERIOR DETAILS**

SHEET NUMBERS

**A9.0.2**



F

E

D

C

B

A

## GENERAL CONDITIONS AND STATEMENTS

- THESE NOTES SHALL APPLY UNLESS INDICATED OTHERWISE BY DRAWINGS OR SPECIFICATIONS. IN THE EVENT THAT CONFLICTS OCCUR BETWEEN THESE NOTES, DRAWINGS OR SPECIFICATIONS NOTIFY THE STRUCTURAL ENGINEER FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK.
- STRUCTURAL DRAWINGS INDICATE TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. SHOP DRAWINGS SHALL DETAIL ALL CONDITIONS IN ACCORDANCE WITH THE SPECIFIED STANDARDS AND THE SPECIFIC REQUIREMENTS OF THIS PROJECT.
- SUBMIT SHOP DRAWINGS ON ALL STRUCTURAL MATERIALS FOR APPROVAL BEFORE FABRICATION. CONTRACTOR SHALL REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO SUBMISSION.
- THE STRUCTURE INDICATED BY THE DRAWINGS AND SPECIFICATIONS IS STRUCTURALLY STABLE UNO IN ITS COMPLETED FORM. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS, METHODS, SEQUENCES AND OPERATIONS OF CONSTRUCTION AND SHALL PROVIDE TEMPORARY BRACING AS REQUIRED TO MAINTAIN THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION.
- ALL DETAILS, SECTIONS, AND NOTES INDICATED ON THE DRAWINGS SHALL APPLY AT ALL LOCATIONS WHERE CONDITIONS ARE SIMILAR TO THOSE INDICATED BY THE DETAIL, SECTION, OR NOTE.
- CENTERLINES OF COLUMNS AND FOUNDATIONS SHALL COINCIDE WITH GRID LINE INTERSECTIONS UNLESS NOTED OTHERWISE.
- CENTERLINES OF FLOOR AND ROOF FRAMING MEMBERS SHALL COINCIDE WITH GRID LINES UNLESS NOTED OTHERWISE. EQUALLY SPACE FLOOR AND ROOF FRAMING MEMBERS UNLESS GRID LINES UNLESS NOTED OTHERWISE.
- USE ONLY DIMENSIONS INDICATED ON THE DRAWINGS. DO NOT SCALE THE DRAWINGS OR USE ANY DIMENSIONS TAKEN FROM ELECTRONIC DATA FILES.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE STRUCTURAL WORK WITH CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND ALL OTHER RELEVANT TRADES. IN CASE OF CONFLICT BETWEEN STRUCTURAL WORK AND DRAWINGS RELATED TO OTHER TRADES THE CONTRACTOR SHALL MAKE IN THEIR BID ALLOWANCE FOR THE MORE SEVERE REQUIREMENTS. CONFLICTS BETWEEN THE STRUCTURAL WORK AND THE DRAWINGS OF OTHER TRADES SHALL NOT BE A REASON FOR ANY ADDITIONAL COST OR DELAY IN EXECUTION OF THE WORK.
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER OF ANY DISCREPANCIES BETWEEN THE STRUCTURAL DOCUMENTS AND ANY OTHER DOCUMENTS OR EXISTING CONDITIONS FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK.

## ABBREVIATIONS

ADDL	ADDITIONAL	EL	ELEVATION	LLV	LONG LEG VERTICAL
ADH	ADHESIVE	ELEC	ELECTRICAL	LSH	LONG SIDE HORIZONTAL
AESS	ARCHITECTURALLY EXPOSED	ELEV	ELEVATOR	LSV	LONG SIDE VERTICAL
AST	ASTM	ED	EDGE OF DECK	LW	LIGHT WEIGHT
BE	BEARING	EDS	EDGE OF SLAB	MAX	MAXIMUM
BLDG	BUILDING	EQ	EQUAL	MECH	MECHANICAL
BOTT	BOTTOM	EQUIP	EQUIPMENT	MFR	MANUFACTURER
BP	BASE PL	EW	EACH WAY	MIN	MINIMUM
BRG	BRACING	EXP	EXPANSION	MOW	MIDDLE OF WALL
BTWN	BETWEEN	EXT	EXTERIOR	NTS	NOT TO SCALE
CP	CAST IN PLACE	EXIST	EXISTING	NW	NORMAL WEIGHT
CJ	CONTRACTION OR CONSTRUCTION JOINT	FFE	FINISHED FLOOR ELEVATION	OC	ON CENTER
CL	CENTERLINE	FIN	FINISHED	OH	OPPOSITE HAND
CLR	CLEAR	FIR	FLOOR	OPNG	OPENING
CMU	CONCRETE MASONRY UNIT	FOB	FACE OF BRICK	PAF	POWDER/ POWER ACTUATED FASTENER
COL	COLUMN	FOM	FACE OF MASONRY	PC	PRECAST or PILE CAP
CONC	CONCRETE	FOS	FACE OF STUD	PJF	PRE-MOLDED JOINT FILLER
CONN	CONNECTION	FRTW	FIRE RETARDANT TREATED WOOD	PL	PLATE
CONT	CONTINUOUS	FTG	FOOTING	PLB	PLUMBING
COORD	COORDINATE	GA	GAGE	PT	PRESSURE TREATED or POST TENSIONED
CTR	CENTER	GALV	GALVANIZED	QTY	QUANTITY
DCJ	DEFORMED BAR ANCHOR DOWELED CONSTRUCTION JOINT	GB	GRADE BEAM	REIN	REINFORCEMENT
DEFL	DEFLECTION	GC	GENERAL CONTRACTOR	REF	REFERENCE
DEMO	DEMOLISH or DEMOLITION	GLB	GLULAM BEAM	REQD	REQUIRED
DIA, Ø	DIAMETER	HORIZ	HORIZONTAL	SCHD	SCHEDULE
DIM	DIMENSION	INT	INTERIOR	SFRS	SEISMIC FORCE RESISTING
DWG	DRAWING	JBE	JOIST BEARING ELEVATION	SIM	SIMILAR
DWL	DOWEL	JT	JOINT	SDG	SLAB ON GRADE
EA	EACH	K	KIPS	SPEC	SPECIFICATIONS
EF	EACH FACE	KLF; PLF	KIPS/FOUNDS PER LINEAR FOOT	STD	STANDARD
EJ	EXPANSION JOINT	KSI; PSI	KIPS/POUND PER SQUARE INCH	TYP	TYPICAL
		KSF; PSF	KIPS/POUNDS PER SQUARE FOOT	UNO	UNLESS NOTED OTHERWISE
		LB	POUND	VERT; V	VERTICAL
		LG	LONG	W/	WITH
		LLH	LONG LEG HORIZONTAL	WWF	WELDED WIRE FABRIC

## DESIGN CRITERIA

## DESIGN CODES

- BUILDING CODE 2016 CALIFORNIA BUILDING CODE
- DESIGN LOADS ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
- STEEL AISC 360-10 SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS
- CONCRETE ACI 318-14 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
- CONCRETE MASONRY ACI 530-13 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES

## DESIGN LOADS

- BUILDING RISK CATEGORY II
- GATEWAY TRELLIS SELF WEIGHT  
SUPERIMPOSED DEAD LOAD 1 PSF
- ROOF DEAD LOAD (TICKET BOOTH) ROOF MEMBRANE 1 PSF  
COVER BOARD 1 PSF  
METAL DECK 3 PSF  
STEEL 1.5 PSF  
SUSPENDED (LIGHTS) .5 PSF  
TOTAL DEAD LOAD 7 PSF
- ROOF LIVE LOAD 20 PSF
- SEISMIC LOAD (TRELLIS ONLY) Ie  
SITE CLASSIFICATION D  
Ss 2.803  
SDs 1.869  
S1 1.077  
SD1 1.077  
SEISMIC DESIGN CATEGORY E  
SFRS (NS) ORDINARY CANTILEVERED COLUMN; R=1.25 Cs 1.494  
SFRS (NS) SPECIAL REINF MASONRY WALLS; R=5 (R=1.25 USED) Cs 1.494  
SFRS (EW) SPECIAL REINF MASONRY WALLS; R=5 Cs 0.374  
SFRS (SCREEN WALL) SELF SUPPORTING CANTILEVERED WALL
- ANALYSIS PROCEDURE EQUIVALENT LATERAL FORCE  
SEISMIC BASE SHEAR NS 45 KIPS  
SEISMIC BASE SHEAR EW 11 KIPS
- WIND LOAD (TRELLIS ONLY) WIND SPEED 110 MPH  
EXPOSURE C  
Iw 1.0  
P 28 PSF (ULTIMATE)  
WIND BASE SHEAR NS 21 KIPS  
WIND BASE SHEAR EW 8 KIPS

## SOIL AND SUBSURFACE CONDITIONS

- SOIL BEARING CAPACITY SHALL BE VERIFIED BY PROJECT STATE GEOTECHNICAL ENGINEER.
- THE FOUNDATION HAS BEEN DESIGNED IN ACCORDANCE WITH THE REPORT OF GEOTECHNICAL EXPLORATION PREPARED BY EARTH SYSTEMS PACIFIC PROJECT NO. 30351-A-002, DATED 11/14/2019.
- SEE GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS AND INFORMATION.
- THE FOUNDATIONS HAVE BEEN DESIGNED BASED ON THE FOLLOWING DESIGN VALUES FROM THE GEOTECHNICAL REPORT:  
SPREAD FOOTING BEARING PRESSURE 2,300 PSF  
CONTINUOUS FOOTING BEARING PRESSURE 2,000 PSF  
FENCE POST PIERS (DRILLED PIERS IN UNCOMPACTED SOILS) HAVE BEEN DESIGNED BASED ON THE FOLLOWING PRESUMPTIVE VALUES FROM CBC TABLE 1606 A.2:  
VERTICAL FOUNDATION PRESSURE 1,500 PSF  
LATERAL BEARING PRESSURE 100 PSF/FT
- THE CONTRACTOR SHALL VERIFY WITH THE GEOTECHNICAL ENGINEER THAT THE FOLLOWING ARE IN CONFORMANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT:  
A. THE BEARING STRATUM AT EACH FOUNDATION IS AS ASSUMED IN THE REPORT.  
B. THE ALLOWABLE BEARING PRESSURE MEETS OR EXCEEDS THE REQUIRED VALUE.  
C. ENGINEERED FILL IS INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE REPORT.  
D. THE INSTALLATION OF THE FOUNDATION IS AS ASSUMED IN THE REPORT.
- SOIL WITHIN 5'-0" OF NEW BUILDINGS AND WITHIN 2'-0" OF FOOTINGS MUST BE OVER EXCAVATED TO A DEPTH OF 4'-6" BELOW FINISH GRADE. THE RESULTING SURFACE SHOULD BE SCARIFIED AN ADDITIONAL 6" MOISTURE CONDITIONED, AND RECOMPACTED TO ATLEAST 90% OF THE MAXIMUM DRY DENSITY.
- ALL FILL MATERIALS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER.
- FOOTING BEARING ELEVATIONS SHALL BE ADJUSTED AT TIME OF EXCAVATION TO ACHIEVE THE REQUIRED BEARING CAPACITY IF SO REQUIRED.
- BACKFILLING OF RETAINING WALLS SHALL BE PLACED SO THAT EQUAL LOADING SHALL BE MAINTAINED ON EACH SIDE OF WALL UNTIL THE LOWER GRADE IS REACHED.
- PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING FOUNDATIONS BOTH DURING CONSTRUCTION AND PERMANENTLY. MAINTAIN STABILITY OF EXCAVATIONS UNTIL PROPERLY BACKFILLED. KEEP EXCAVATIONS FREE OF LOOSE MATERIAL. DEWATER EXCAVATIONS AND REMOVE ANY WET MATERIAL PRIOR TO PLACING CONCRETE.
- PLACE A 3" THICKNESS "MUDMAT" OF CONCRETE IN THE BOTTOM OF FOOTINGS THAT WILL BE EXPOSED TO RAIN OR LEFT OPEN OVER NIGHT.
- HEAVY EQUIPMENT USED FOR PLACING OR COMPACTING BACKFILL SHALL NOT BE OPERATED WITHIN A DISTANCE EQUAL TO THE HEIGHT OF THE BACKFILL ABOVE THE TOP OF FOOTING. (1 HORIZONTAL TO 1 VERTICAL). HAND OPERATED COMPACTION EQUIPMENT SHALL BE USED FOR COMPACTION OPERATIONS IN THIS AREA.
- GRADE SHALL BE SUCH THAT THE THICKNESS OF ANY FOUNDATION OR SLAB ON GRADE IS NOT REDUCED BY MORE THAN 5% OF THAT INDICATED.
- EXCAVATION BRACING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. EXCAVATION BRACING SHALL BE DESIGNED FOR LATERAL LOADING RESULTING FROM AN EQUIVALENT FLUID PRESSURE OF 60 PCF AND A SURFACE SURCHARGE OF 250 PSF.

## CAST IN PLACE STRUCTURAL CONCRETE

- SUBMIT MIX DESIGNS FOR EACH TYPE OF CONCRETE SPECIFIED.
- SUBMIT DATA FOR ALL ADMIXTURES, CURING COMPOUNDS AND HARDENERS THAT ARE INTENDED FOR USE.
- TESTING LABORATORY SHALL SAMPLE AND TEST CONCRETE PER DSA 103 AND REQUIREMENTS OF CBC SECTION 1705A.3. TEST REPORTS SHALL BE SENT TO THE STRUCTURAL ENGINEER AND SHALL BE AVAILABLE AT THE JOBSITE.
- CONCRETE SHALL HAVE THE MINIMUM 28 DAY COMPRESSIVE STRENGTH AND WEIGHTS:  
LOCATION 28 DAY STRENGTH UNIT WEIGHT  
FOUNDATIONS AND SLAB ON GRADE 4,500 PSI 145 PCF  
FENCE POSTS 3,500 PSI 145 PCF
- CONCRETE WORK SHALL CONFORM TO ACI 318.
- REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60.
- REINFORCING BARS TO BE WELDED SHALL CONFORM TO ASTM A706 GRADE 60.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A62 AND A185. PROVIDE MATERIAL IN SHEETS. LAP ALL WELDED WIRE FABRIC ONE FULL SQUARE PLUS 2" AT ALL SHEET EDGES.
- SLAB ON GRADE DOWELS SHALL BE SMOOTH RODS CONFORMING TO ASTM A36 WITH ENDS SMOOTH CUT.
- REINFORCING BAR SUPPORT DEVICES SHALL CONFORM TO CRSI MANUAL OF STANDARD PRACTICE.
- CONCRETE CLEAR COVER ON EMBEDDED REINFORCING SHALL BE AS FOLLOWS:  
LOCATION BAR SIZE MINIMUM CLEAR COVER  
FOOTINGS ALL 3" BOTTOM AND SIDES.  
2" TOP  
1 1/2" 2"
- CONCRETE EXPOSED TO EARTH OR WEATHER #5 AND SMALLER #6 THROUGH #18 3/4"
- CONCRETE NOT EXPOSED TO EARTH OR WEATHER #11 AND SMALLER #14 AND #18 1 1/2"
- ALL CONTINUOUS BARS SHALL HAVE A CLASS B TENSION LAP. SPlice AT ALL SPICES UNO. PROVIDE CORNER BARS FOR ALL CONTINUOUS BARS AT ALL FOUNDATION AND WALL CORNERS AND INTERSECTIONS. LAP CORNER BARS 48 BAR DIAMETER LAPS EACH END.
- PROVIDE DOWELS TO FOOTINGS TO MATCH ALL WALL, PIER AND COLUMN VERTICAL REINFORCING UNO. EMBED DOWELS IN FOOTING WITH HOOK TO WITHIN 3" OF BOTTOM OF FOOTING. EXTEND DOWELS ABOVE FOOTING FOR 48 BAR DIAMETER LAP. SPlice WITH VERTICAL REINFORCING UNO.
- CONSTRUCTION OR CONTRACTION JOINTS SHALL BE INSTALLED IN SLABS ON GRADE AT A SPACING NOT TO EXCEED 12'-0" OC EACH DIRECTION UNO ON FOUNDATION PLAN. ASPECT RATIO OF SLAB AREAS BETWEEN JOINTS (RATIO OF LONG SIDE TO SHORT SIDE) SHALL NOT EXCEED 1.5. SAW CUT JOINTS SHALL BE MADE AS SOON AS SLABS WILL SUPPORT MEN AND EQUIPMENT. EMBEDDED EDGE ANGLES SHALL BE DISCONTINUOUS AT SLAB JOINT LOCATIONS.
- CONSTRUCTION AND CONTRACTION JOINTS IN WALLS SHALL BE LOCATED AT 25'-0" OC MAXIMUM AND 25'-0" MAXIMUM FROM WALL CORNERS. ALIGN JOINTS IN WALLS WITH JOINTS IN SLABS AT LOCATIONS WHERE SLABS ARE CONNECTED TO WALLS. CONFORM TO ACI 308 FOR COLD WEATHER CONCRETE AND ACI 308 FOR HOT WEATHER CONCRETE WORK WHEN ANY COMBINATION OF TEMPERATURE, HUMIDITY OR WIND SPEED RESULTS IN CONDITIONS THAT WOULD IMPAIR THE QUALITY OF CONCRETE. CONCRETE IS TO BE REJECTED IF ITS TEMPERATURE AT TIME OF PLACEMENT IS 90 DEGREES F OR ABOVE.
- CHAMFER ALL EXPOSED CONCRETE EDGES 3/4" UNO. SEE ARCHITECTURAL DRAWINGS FOR DETAILS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL EMBEDDED ITEMS IN CONCRETE WORK. COORDINATE WITH THE FOLLOWING: CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS, PRECAST SHOP DRAWINGS, MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT AND FIXTURE REQUIREMENTS

## CONCRETE MASONRY

- UNO HOLLOW MASONRY UNITS SHALL CONFORM TO ASTM C90, MEDIUM-WEIGHT, WITH A MINIMUM COMPRESSIVE STRENGTH Fm = 2,000 PSI ON THE NET BLOCK AREA.
- MORTAR SHALL CONFORM TO ASTM C270 CEMENT-LIME TYPE M OR S. MINIMUM COMPRESSIVE STRENGTH TO BE 2,000 PSI.
- COURSE MASONRY GROUT SHALL CONFORM TO ASTM C476 WITH MAXIMUM AGGREGATE SIZE OF 3/8". MINIMUM COMPRESSIVE STRENGTH SHALL BE 2,000 PSI AT 28 DAYS. PROVIDE CLEAN OUT OPENINGS WHERE GROUT POUR EXCEEDS 5'-0".  
A. CONCRETE MASONRY QUALITY CONTROL:  
a. WORK IN PROGRESS SHALL BE INSPECTED FOR CONFORMANCE WITH SPECIFIED MATERIALS AND THAT WORKMANSHIP AND CONSTRUCTION IS IN COMPLIANCE WITH PLANS, SPECIFICATIONS AND INDUSTRY STANDARDS.  
b. MORTAR: INSPECT PROPORTIONING OF MORTARS IN ACCORDANCE WITH ASTM C780. VERIFY ALL MATERIALS ARE AS APPROVED FOR THE PROJECT.  
c. GROUT: TEST 3"x3" PRISMS IN ACCORDANCE WITH ASTM C1019. TEST (2) PRISMS FOR EACH 30 CUBIC YARDS OR FRACTION THEREOF PLACED EACH DAY AND WHEN MIX PROPORTIONS ARE CHANGED.
- PROVIDE DOWELS TO MATCH VERTICAL BARS AT THE BASE OF ALL WALLS. LAP 52 BAR DIAMETERS MINIMUM WITH VERTICAL BARS UNO.
- MASONRY DESIGN BASED ON LRFD, UNO.

## STRUCTURAL STEEL

- STRUCTURAL STEEL CONSTRUCTION DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO THE AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS".  
A. STRUCTURAL STEEL MEMBERS SHALL CONFORM TO THE FOLLOWING STANDARDS:  
ASTM A992  
ANGLE, CHANNELS AND PLATES ASTM A36  
ANCHOR RODS <= 3/4"Ø ASTM F1554 GRADE 36  
ROUND HSS ASTM A500 GRADE B, 42 ksi  
RECTANGULAR HSS ASTM A500 GRADE B, 46 ksi  
HEADED STUDS ASTM A108, GRADE 1015-1020
- STEEL EXPOSED TO WEATHER  
A. SEE ARCH FOR STEEL FINISH.  
B. ALL STEEL EXPOSED TO WEATHER TO BE PROTECTED BY HIGH PERFORMANCE EXTERIOR PAINT UNO.  
C. GC COORD PAINT SYSTEM AND SHOP PRIMER WITH FABRICATOR.  
D. REFERENCE 05 12 13 - ARCHITECTURALLY-EXPOSED STRUCTURAL STEEL FRAMING, 09 91 13 - EXTERIOR PAINTING, AND 09 98 00 - HIGH-PERFORMANCE COATING. FOR ADDITIONAL INFORMATION.
- SPLICING OF STRUCTURAL STEEL MEMBERS IS PROHIBITED WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER FOR THE LOCATION AND TYPE OF SPlice.
- CAMBER BEAMS WHERE INDICATED, WHERE NO CAMBER IS INDICATED, BEAMS SHALL BE FABRICATED SO THAT AFTER ERECTION, ANY NATURAL CAMBER IS UPWARD.
- ALL COPES, HOLES, OPENINGS AND MODIFICATIONS REQUIRED IN STRUCTURAL STEEL MEMBERS FOR ERECTION OR THE WORK OF OTHER TRADES SHALL BE INDICATED ON THE SHOP DRAWINGS AT TIME OF SUBMITTAL FOR REVIEW.
- FIELD MODIFICATION OF STRUCTURAL STEEL IS PROHIBITED WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.
- SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL STRUCTURAL STEEL AND SHALL INDICATE COMPLETE CONNECTION INFORMATION, BOTH SHOP AND FIELD.
- FILL SOLID WITH NON-SHRINK GROUT UNDER ALL BASE AND BEARING PLATES.  
CONNECTION NOTES:  
A. CONNECTION MATERIALS SHALL CONFORM TO THE FOLLOWING STANDARDS AND MATERIAL PROPERTIES:  
ANGLES ASTM A36  
PLATES ASTM A36  
BOLTS ASTM A325 or ASTM A490  
NUTS ASTM A563  
WASHERS ASTM F436  
E70XX WELDING ELECTRODES  
B. BOLTED CONNECTIONS SHALL CONFORM TO THE PROVISIONS OF THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS."  
C. WELDED CONNECTIONS SHALL BE MADE WITH CONTINUOUS FILLET WELDS UNO. MINIMUM WELD SIZE SHALL BE 1/4" OR AS REQUIRED BY AISC SPECIFICATION, WHICHEVER IS LARGER. MINIMUM WELD LENGTH SHALL BE 2".  
D. ALL WELDS SHALL BE MADE BY CERTIFIED WELDERS.

## ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS)

- STRUCTURAL STEEL NOTED AS AESS ON THE STRUCTURAL DRAWINGS SHALL BE CLASSIFIED AS AESS 3 UNLESS OTHERWISE SPECIFIED. FABRICATION, AND ERECTION TOLERANCES TO BE HELD AT HALF THOSE INDICATED IN CODE OF STANDARD PRACTICE.
- FABRICATION OF AESS SHALL HAVE WELDS GROUND SMOOTH, MILL MARKS REMOVED, AND PIECE MARKS HIDDEN. SURFACE PREPARATION SHALL CONFORM TO SSPC-3 POWER TOOL CLEANING.
- UNLESS NOTED OTHERWISE IN THE SPECIFICATIONS, FIELD WELDS EXPOSED TO VIEW SHALL BE MADE CONTINUOUS AND GROUND SMOOTH WITH BACKING BARS AND RUNOFF TABS REMOVED.

## METAL ROOF DECK

- THE DESIGN, MANUFACTURE AND ERECTION OF STEEL ROOF DECK AND ITS ANCHORAGE SHALL BE IN ACCORDANCE WITH THE ANSI/DI "STANDARD FOR STEEL ROOF DECK".
- SEE ESR 1735P FOR VERO DECK EVALUATION REPORT.
- ALL METAL DECKS TO BE HOT DIPPED GALVANIZED.
- PROVIDE ROOF DECK OF TYPE, DEPTH AND MINIMUM THICKNESS INDICATED.
- INSTALL ROOF DECK WITH A MINIMUM END BEARING LENGTH OF 1 1/2".
- ROOF DECK SHALL BE FASTENED TO SUPPORTS AS INDICATED ON THE DRAWINGS. FASTEN TO SUPPORTS AT DECK PERIMETER WITH A MINIMUM OF 3/8" DIAMETER WELDS SPACED AT 6" OC.

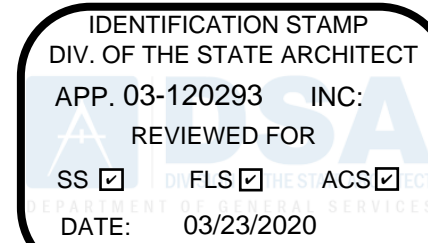
## POST-INSTALLED ANCHORS - TESTING NOTES & FREQUENCY

- IF ANY ANCHOR FAILS TESTING, ALL ANCHORS OF THE SAME TYPE SHALL BE TESTED, WHICH ARE INSTALLED BY THE SAME TRADE, NOT PREVIOUSLY TESTED UNTIL TWENTY CONSECUTIVE ANCHORS PASS, THEN RESUME THE INITIAL TEST FREQUENCY.
- ALL POST INSTALLED ANCHORS SHALL BE TENSION TESTED UNO. TORQUE-CONTROLLED POST-INSTALLED ANCHORS AND SCREW TYPE ANCHORS SHALL BE PERMITTED TO BE TESTED USING TORQUE BASED ON AN APPROVED TEST REPORT USING CRITERIA LISTED HERE.
- ALL POST INSTALLED ANCHORS USED FOR STRUCTURAL APPLICATIONS SHALL BE TESTED UNLESS A LESSER FREQUENCY IS NOTED BELOW.  
10% OF POST INSTALLED ANCHORS USED FOR SILL PLATE AND BOTTOM TRACK BOLTING APPLICATIONS SHALL BE TESTED.  
50% OF POST INSTALLED EQUIPMENT ANCHORAGE BOLTS SHALL BE TESTED.  
25% OF REBAR DOWELED THROUGH COLD JOINTS (ANCHORS TO BE CHOSEN AT RANDOM BY IOR).

## POST-INSTALLED ANCHORS - TESTING LOADS & CRITERIA

- 200% OF THE MAXIMUM ALLOWABLE TENSION LOAD OR 125% OF THE MAXIMUM DESIGN STRENGTH OF ANCHORS AS PROVIDED IN AN APPROVED EVALUATION REPORT. NOTE TESTING LOAD NEED NOT EXCEED 80% THE NOMINAL YIELD STRENGTH OF THE ANCHOR (0.8\*fy).
- THE MANUFACTURER'S RECOMMENDED INSTALLATION TORQUE BASED ON AN APPROVED EVALUATION REPORT.
- HYDRAULIC RAM METHOD: ANCHORS TESTED WITH A HYDRAULIC JACK OR SPRING LOADED APPARATUS SHALL MAINTAIN THE TEST LOAD FOR A MINIMUM OF 15 SECONDS AND SHALL EXHIBIT NO DISCERNIBLE MOVEMENT DURING THE TENSION TEST.
- FOR ADHESIVE ANCHORS, WHERE OTHER THAN BOND IS BEING TESTED, THE TESTING APPARATUS SUPPORT SHALL NOT BE LOCATED WITHIN 15 TIMES THE ANCHOR'S EMBEDMENT DEPTH TO AVOID RESTRICTING THE CONCRETE SHEAR CONE TYPE FAILURE MECHANISM FROM OCCURRING.
- TORQUE WRENCH METHOD: TORQUE CONTROLLED POST-INSTALLED ANCHORS TESTED WITH A CALIBRATED TORQUE WRENCH SHALL ATTAIN THE SPECIFIED TORQUE WITHIN 1/4 TURN OF THE NUT AFTER INITIAL SEATING OF THE SCREW HEAD.
- SEE SECTIONS FOR TESTING LOADS.

## AGENCY REVIEW



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## PROJECT NAME

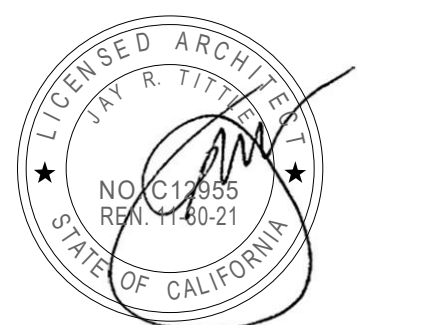
**RIO MESA HIGH SCHOOL TRACK &  
FIELD IMPROVEMENTS**

**545 CENTRAL AVENUE  
OXNARD, CA 93036**

## CONSULTANT



## SEAL



## ISSUE FOR

**DSA SUBMITTAL**

## ISSUE DATE

3/23/20

## REVISIONS

NO.	REASON	DATE

## PROJECT TEAM

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DESIGN TEAM  
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**RIO MESA HIGH SCHOOL  
TRACK & FIELD  
IMPROVEMENTS**

## PROJECT NO.

**6121235307**

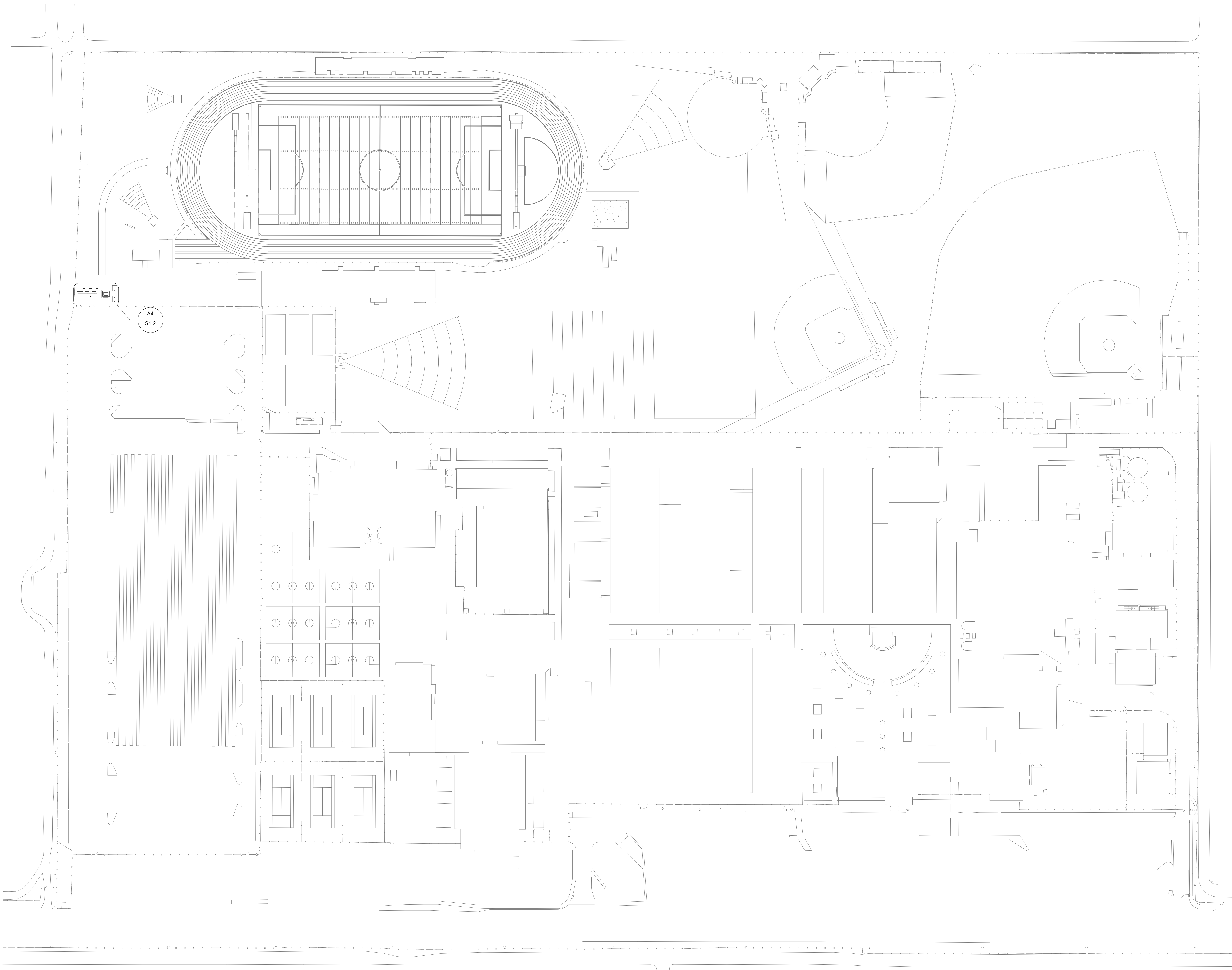
**SHEET TITLE  
GENERAL NOTES**

## SHEET NUMBER

**S0.1**



F  
E  
D  
C  
B  
A



A1 OVERALL SITE PLAN  
S1.1 1" = 60'-0"

AGENCY REVIEW

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**Bryan Starr, SE**

DESIGN TEAM

**BS/EC**

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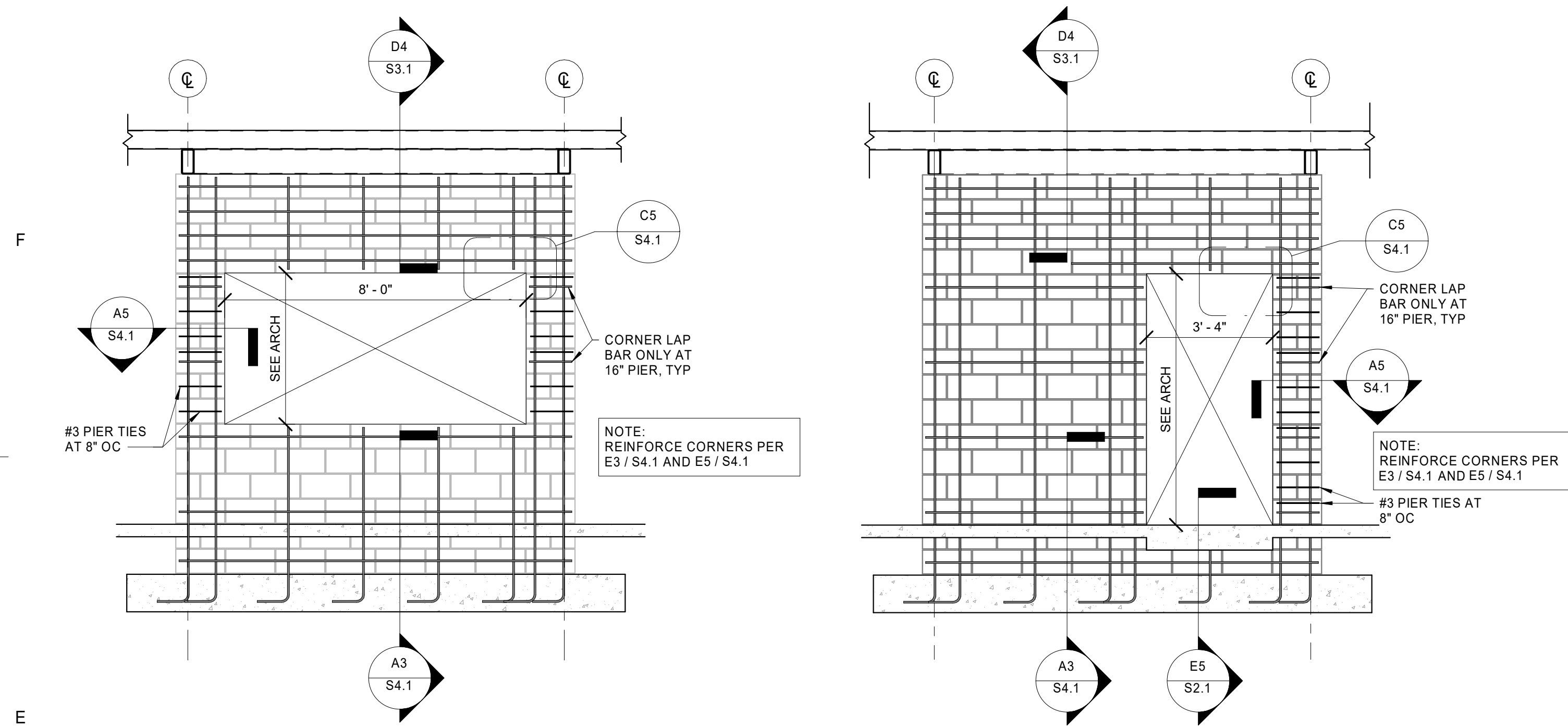
SHEET TITLE

**OVERALL SITE PLAN**

SHEET NUMBER

**S1.1**



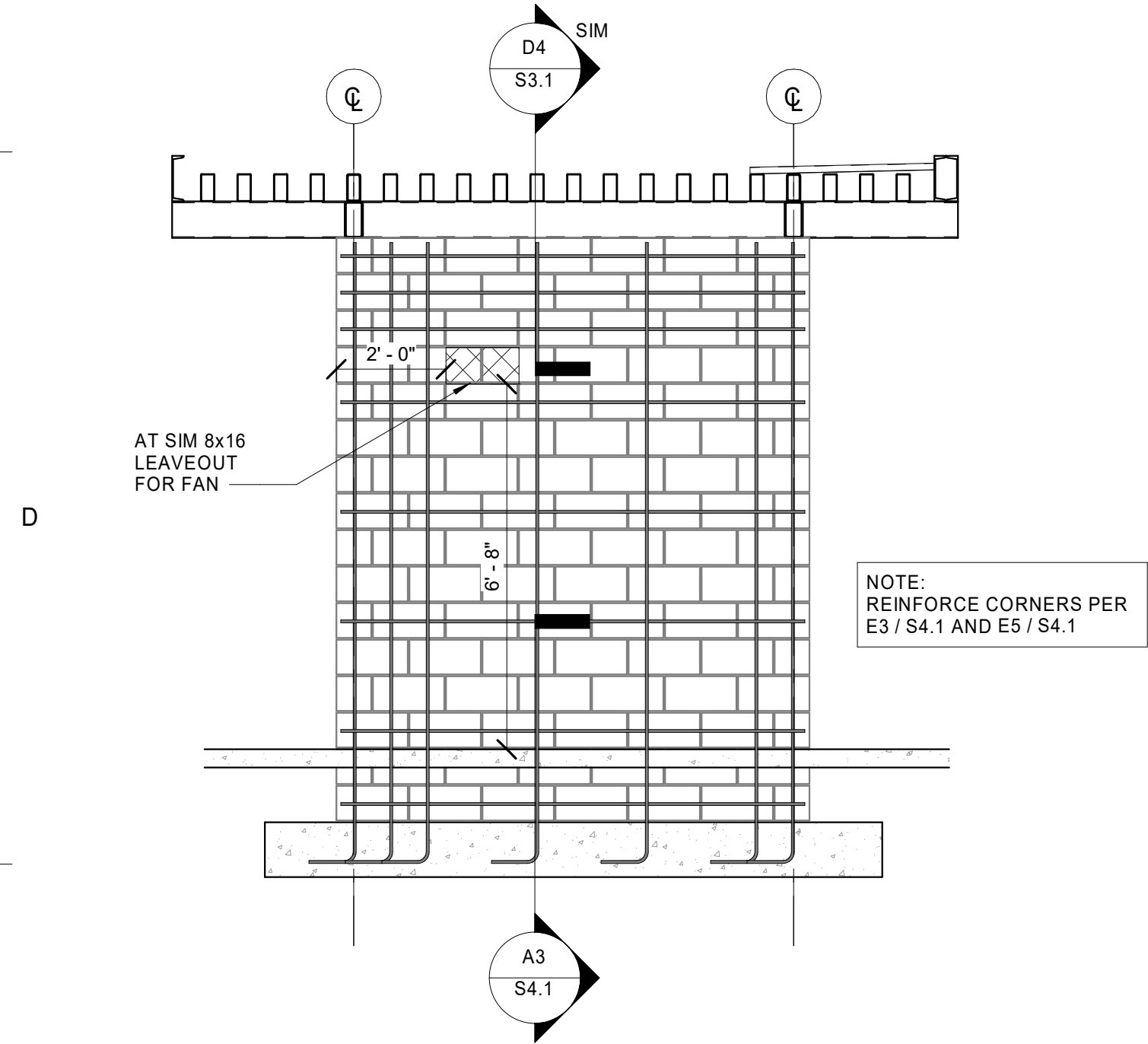


E1 TICKET BOOTH - FRONT ELEVATION

S1.2 3/8" = 1'-0"

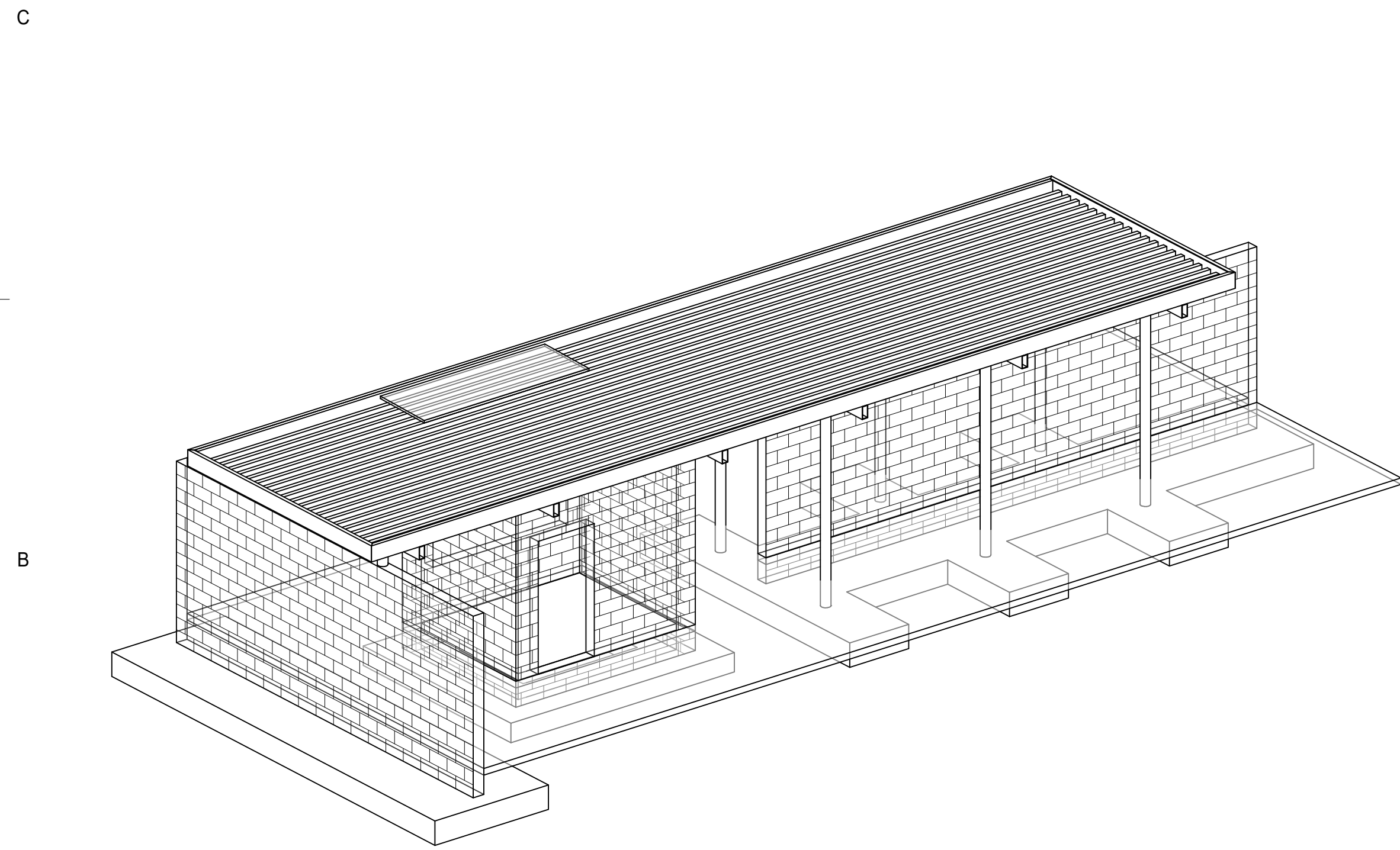
E2 TICKET BOOTH - BACK ELEVATION

S1.2 3/8" = 1'-0"



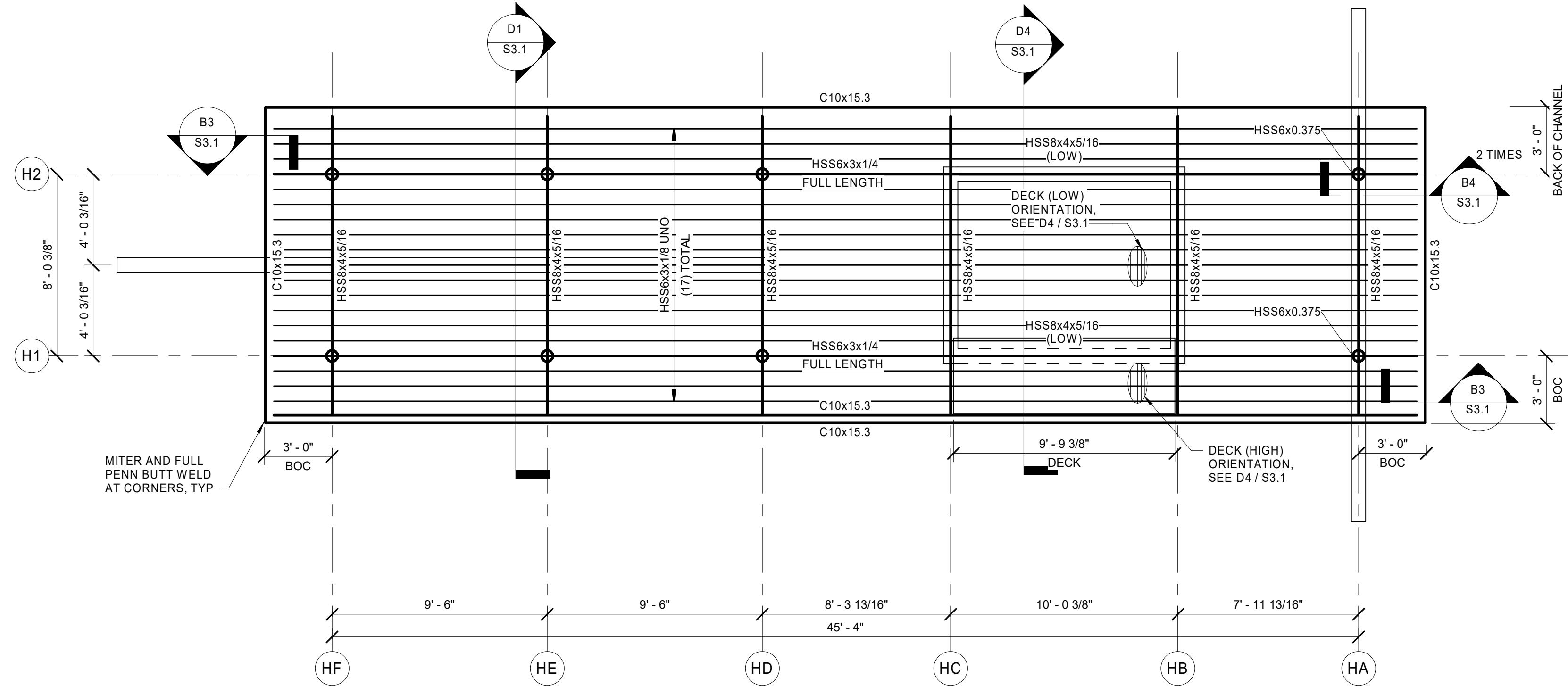
C1 TICKET BOOTH - SIDE ELEVATION

S1.2 3/8" = 1'-0"



A1 ISOPARAMETRIC VIEW - HOME GATEWAY - FOR INFORMATION ONLY

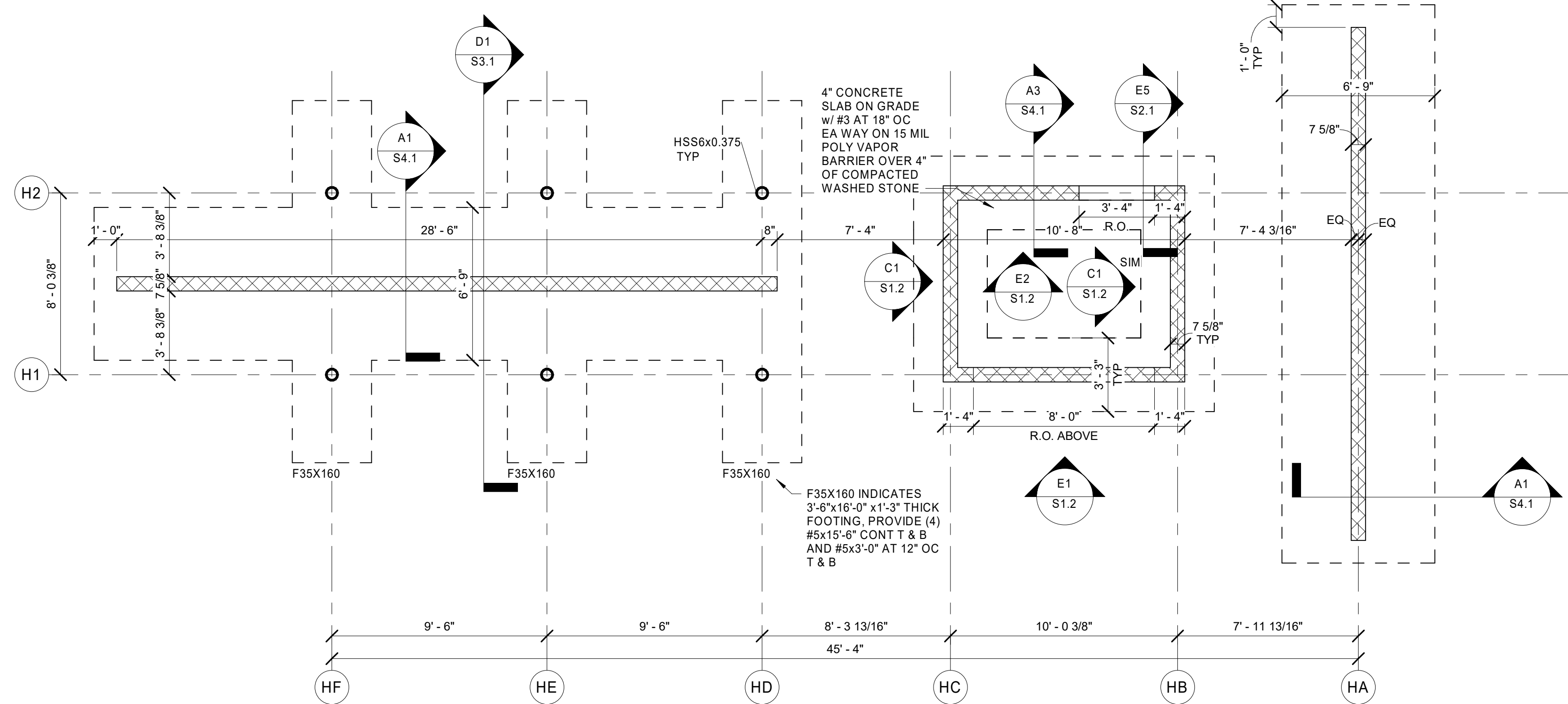
S1.2



D4 FRAMING PLAN - HOME GATEWAY

S1.2 1/4" = 1'-0"

- FRAMING NOTES:
- SEE S0.1 FOR GENERAL NOTES AND ABBREVIATIONS.
  - ALL ELEVATIONS REFERENCED FROM FFE (0'-0").
  - SEE S3.1 FOR TYPICAL ROOF FRAMING DETAILS.
  - SEE S4.1 FOR TYPICAL MASONRY DETAILS.
  - ALL EXPOSED STEEL TO BE FINISHED TO AESS3.
  - ALL EXPOSED STEEL TO BE PAINTED UNO, COORD W/ ARCH AND DETAILS.



A4 FOUNDATION PLAN - HOME GATEWAY

S1.2 1/4" = 1'-0"

- FOUNDATION NOTES:
- SEE S0.1 FOR GENERAL NOTES AND ABBREVIATIONS.
  - SEE CIVIL FOR FINISHED FLOOR ELEVATION AND LOCATION OF STRUCTURES. REFERENCE ELEVATION 0'-0" DATUM.
  - TOP OF FOOTING 1'-4" BELOW FINISHED FLOOR ELEVATION, UNO. <No> INDICATES TOP OF FOOTING ELEVATION, SEE PLAN.
  - <No> INDICATES STEP IN WALL FOOTING, SEE C1 / S2.1. DETAIL MAY BE USED AS REQUIRED IN FIELD.
  - SEE S2.1 FOR TYPICAL SLAB CONSTRUCTION DETAILS.
  - SEE S2.1 FOR TYPICAL REBAR LAP AND BEND REQUIREMENTS.
  - SEE S4.1 FOR TYPICAL MASONRY CONSTRUCTION DETAILS AND REQUIREMENTS AT OPENINGS.
  - SOIL WITHIN 5'-0" OF NEW BUILDINGS AND WITHIN 3'-0" OF FOOTINGS MUST BE OVER EXCAVATED TO A DEPTH OF 4'-6" BELOW FINISH GRADE. THE RESULTING SURFACE SHOULD BE SCARIFIED AN ADDITIONAL 6" MOISTURE CONDITIONED, AND RECOMPACTED TO ATLEAST 90% OF THE MAXIMUM DRY DENSITY.
  - GC COORD ALL ROUGH OPENING DIMENSIONS W/ ARCH.

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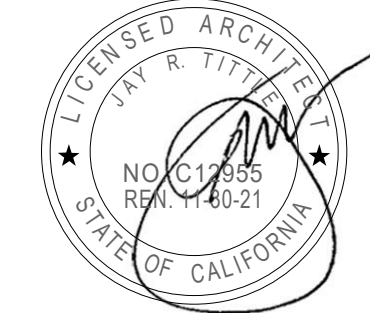
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CONSULTANT



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PROJECT TEAM

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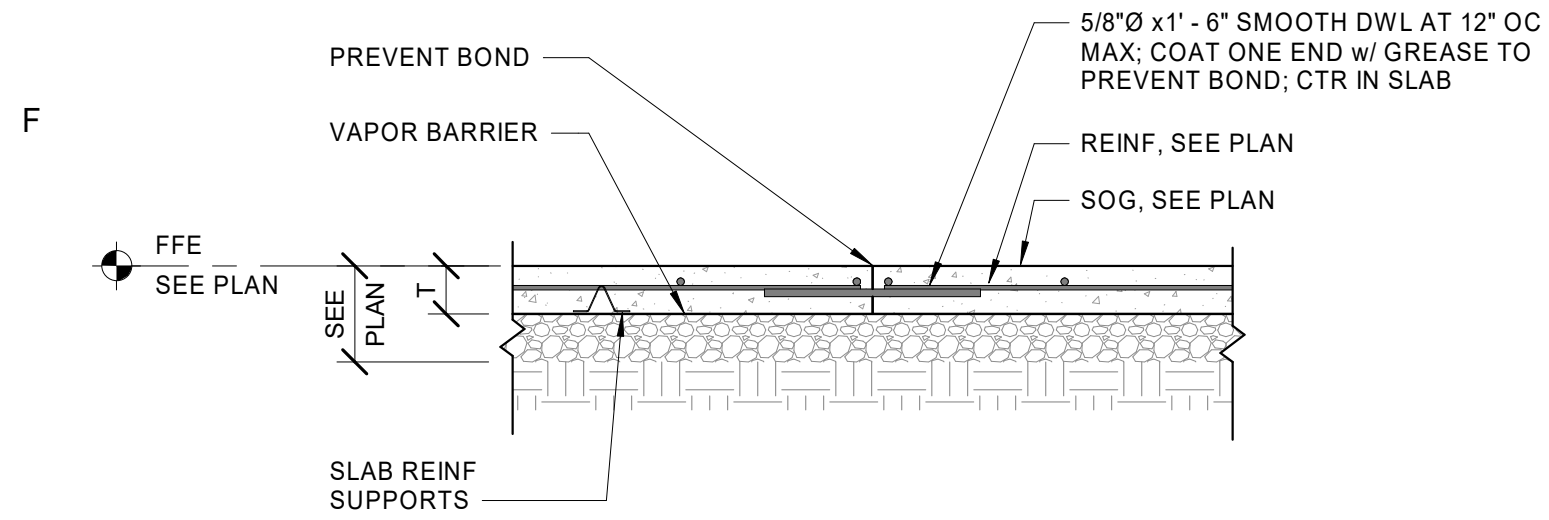
**6121235307**

**GATEWAY PLANS AND ELEVATIONS -  
HOME GATEWAY**

SHEET NUMBER

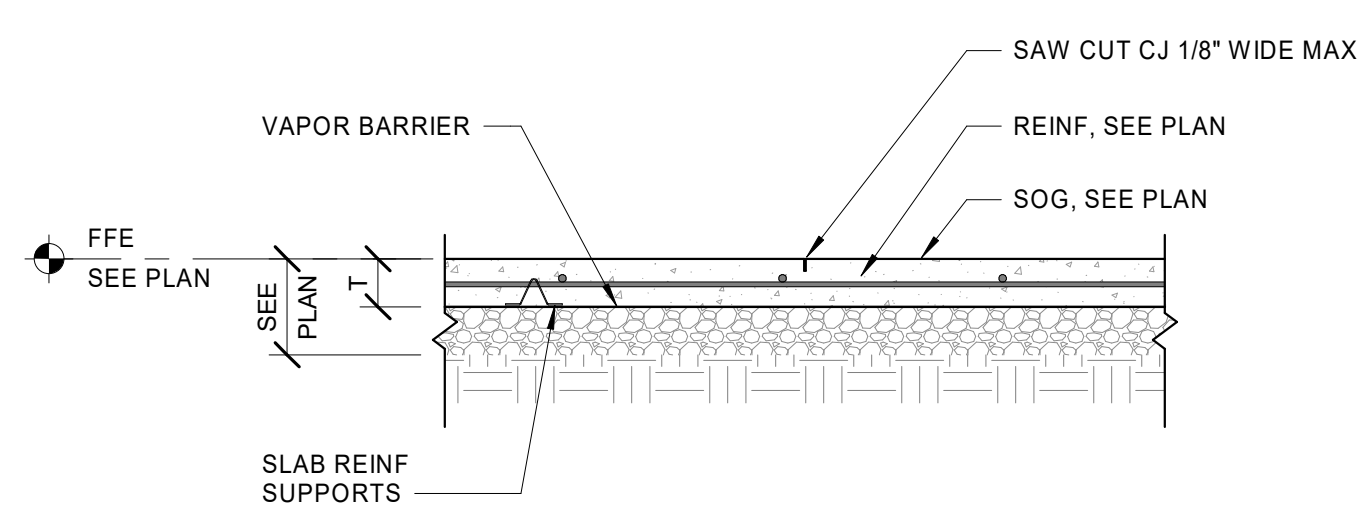
**S1.2**





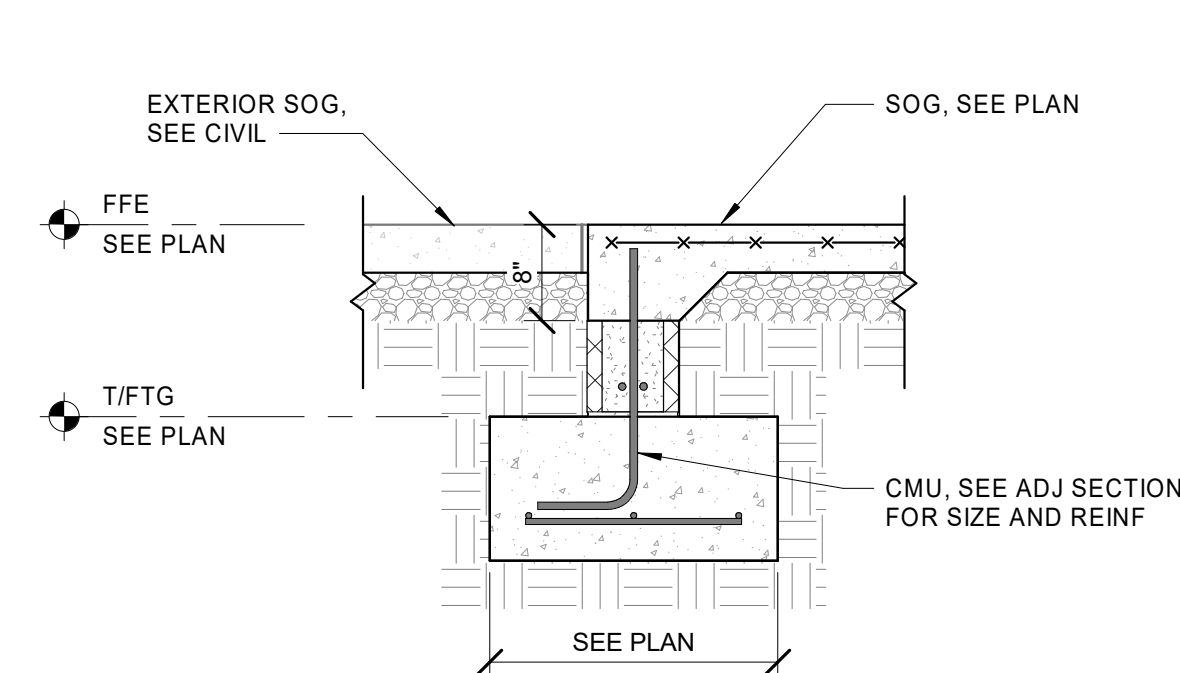
E1 SLAB ON GRADE CONSTRUCTION JOINT DETAIL

S2.1 3/4" = 1'-0"  
NOTES:  
1. DO NOT RUN REINF THROUGH CONSTRUCTION JOINT.



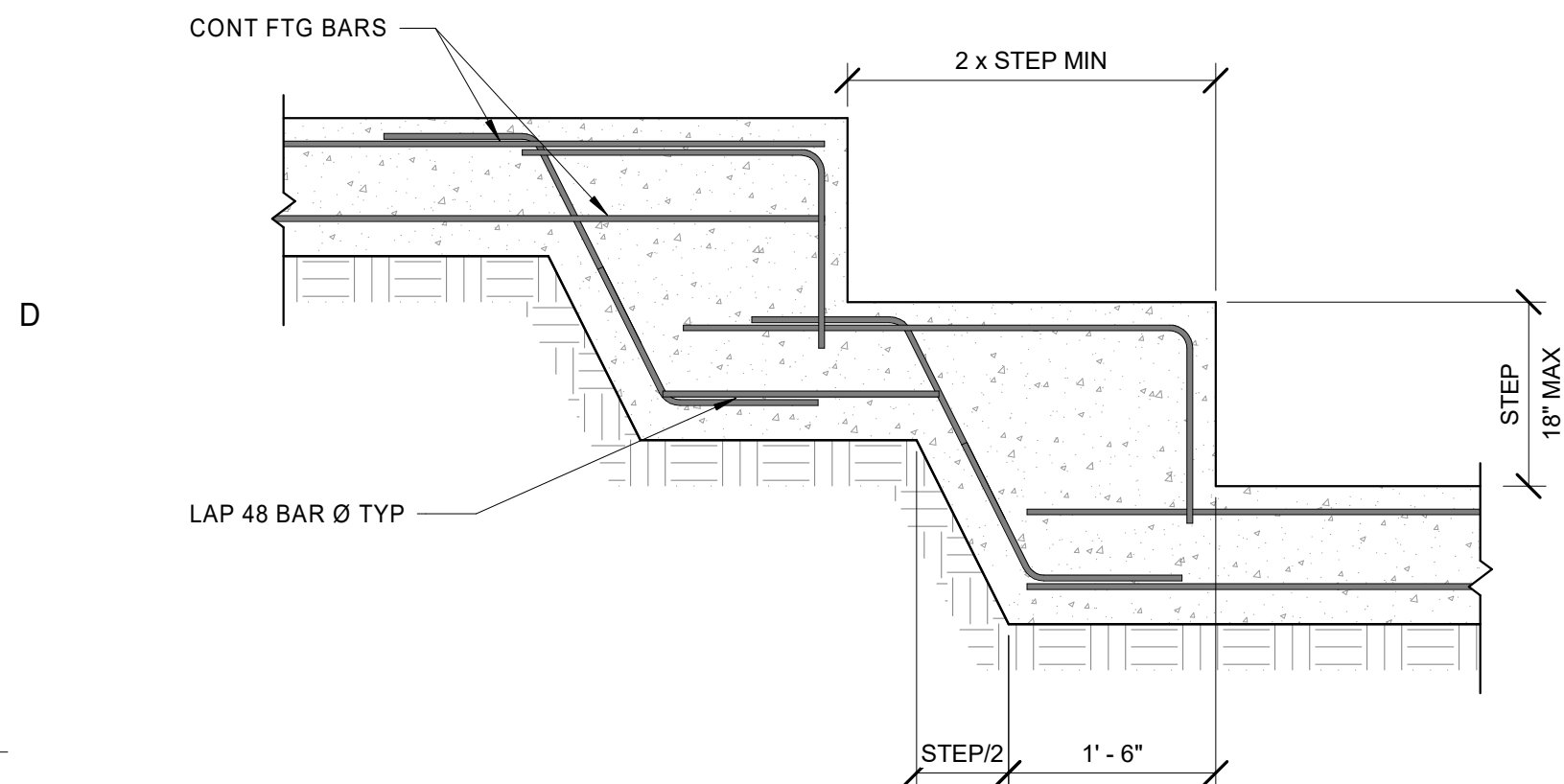
E3 SLAB ON GRADE CONTRACTION JOINT DETAIL

S2.1 3/4" = 1'-0"  
NOTES:  
1. CUT EVERY OTHER REINF WHERE CONTRACTION JOINTS ARE TO BE CUT.  
2. SAW CUT SLAB WITHIN 8 HOURS OF CONCRETE POUR.



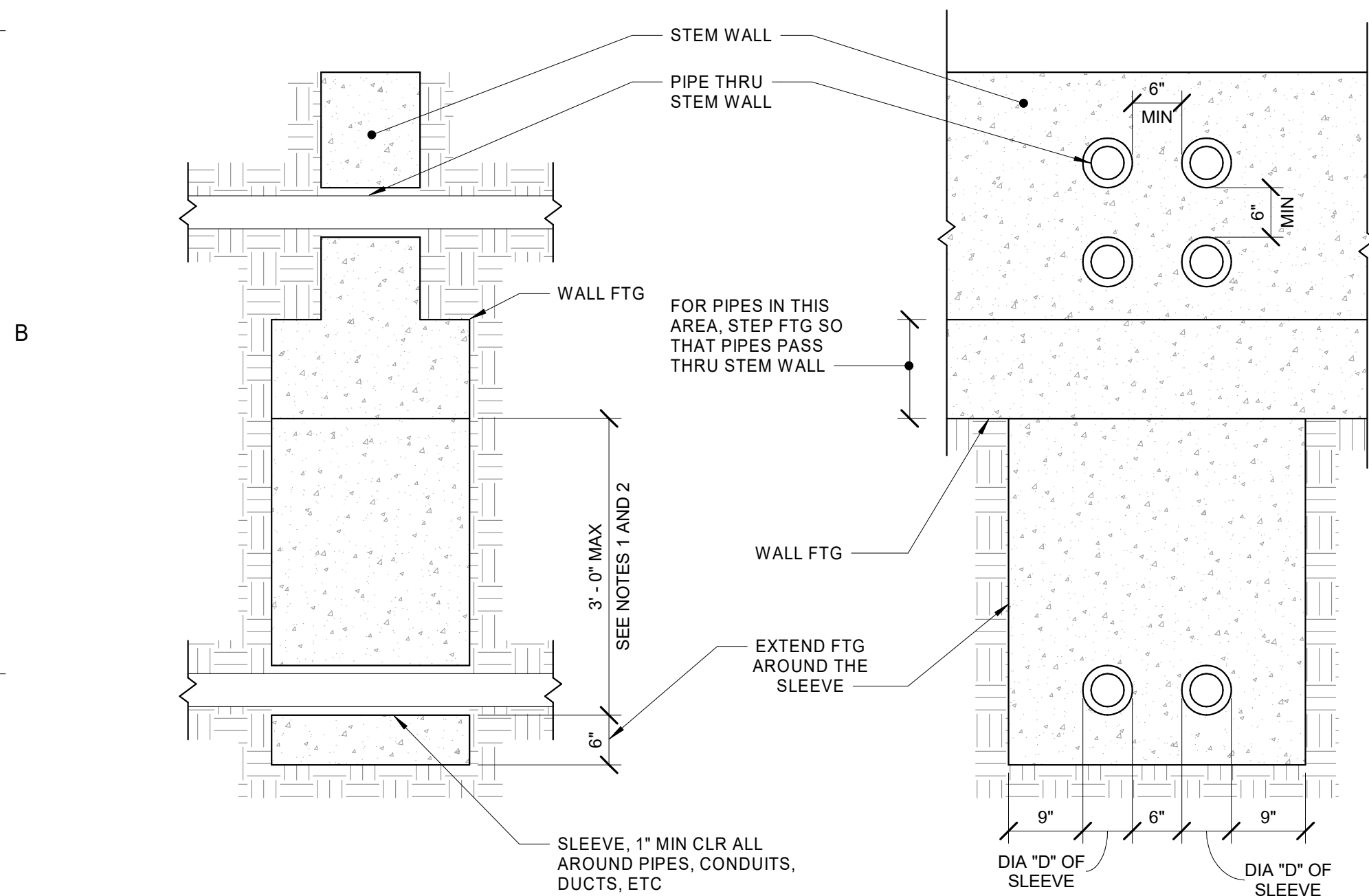
E5 CMU WALL AT DOOR

S2.1 3/4" = 1'-0"



C1 TYPICAL FOOTING STEP DETAIL

S2.1 3/4" = 1'-0"  
NOTES:  
1. GENERAL CONTRACTOR TO COORDINATE / VERIFY THE LOCATION OF FOOTING STEPS WITH THE FINISHED GRADING PLAN.  
2. PROVIDE 1'-4" MINIMUM COVER ABOVE TOP OF FOOTING.  
3. ADDED BARS TO BE THE SAME SIZE AND QUANTITY AS CONTINUOUS BARS.



A1 PIPE PENETRATION PERPENDICULAR TO FOOTING

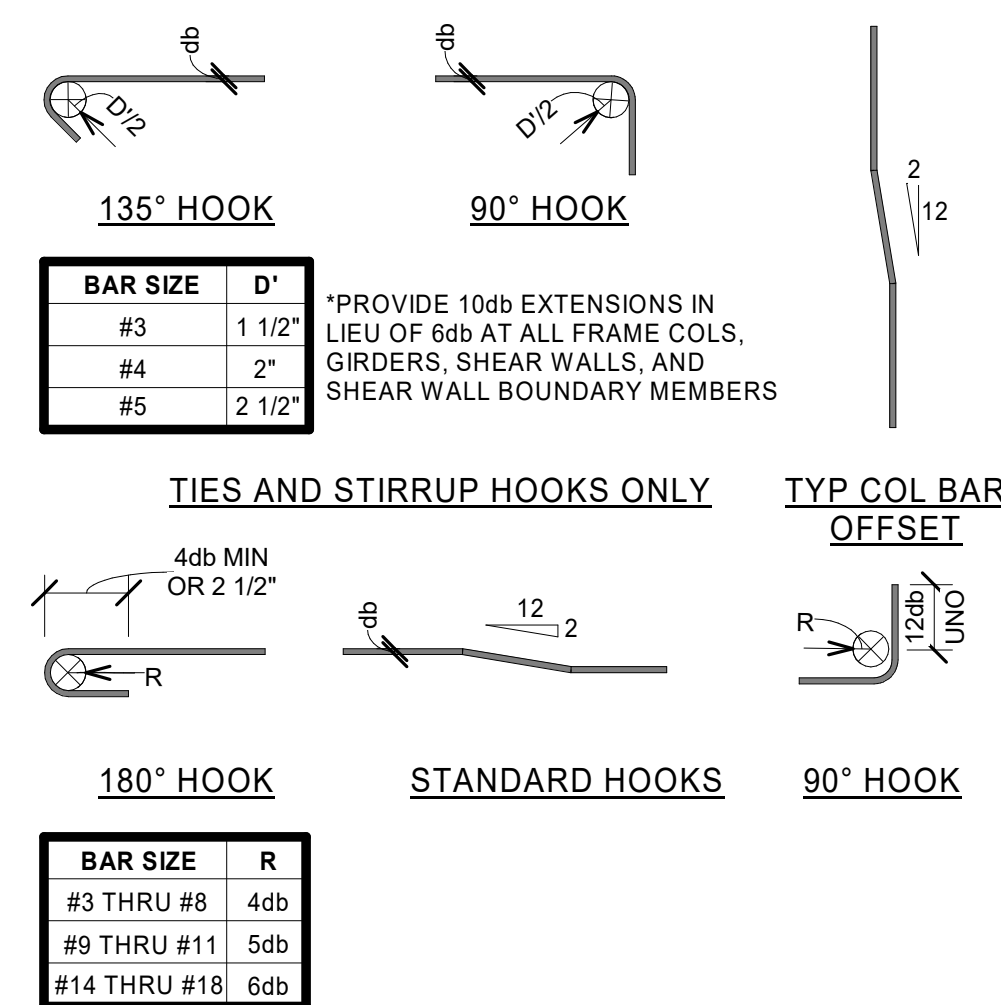
S2.1 3/4" = 1'-0"  
NOTES:  
1. FOR PIPES 3'-0" OR LESS BELOW BOTTOM OF FOOTING, PROVIDE SLEEVE AND CONCRETE AS SHOWN.  
2. FOR PIPES BETWEEN 3'-0" AND 5'-0" BELOW BOTTOM OF FOOTING, STEP FOOTING SO THAT THE BOTTOM OF SLEEVE IS 3'-0" MAX FROM BOTTOM OF FOOTING AS SHOWN ABOVE.  
3. FOR PIPES 5'-0" OR MORE BELOW BOTTOM OF FOOTING, SLEEVES AND FOOTING EXTENSION ARE NOT REQUIRED.

A3 SPLICE TABLE - GENERAL

S2.1 NOT TO SCALE  
NOTES:  
1. USE THIS TABLE FOR BAR SPLICES UNLESS SPECIFICALLY DETAILED AND DIMENSIONED ON PLANS.  
2. FOR TENSION DEVELOPMENT LENGTHS "Ld" USE CLASS "A" SPLICE LENGTHS.  
3. ALL SPLICES SHALL BE CLASS "B" UNLESS OTHERWISE NOTED ON PLANS.  
4. TOP BARS ARE HORIZONTAL REINFORCEMENT WITH MORE THAN 12" OF CONCRETE CAST BELOW BAR.  
5. BOTTOM BARS ARE ALL VERTICAL BARS, ALL HORIZONTAL WALL REINFORCEMENT, AND HORIZONTAL REINFORCEMENT WITH LESS THAN 12" OF CONCRETE CAST BELOW BAR.  
6. COVER DESIGNATES CLEAR CONCRETE COVER FROM SPLICED BAR TO FACE OF MEMBER, SPACING DESIGNATES CLEAR DIMENSION BETWEEN SPLICED BARS.

A6 REINFORCING BAR BENDING DETAIL

S2.1 NOT TO SCALE  
NOTES:  
1. FOR TENSION SPLICE SEE A3 / S2.1



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PROJECT MANAGER  
Bryan Starr, SE

DESIGN TEAM

BS/EC

PROJECT NAME

RIO MESA HIGH SCHOOL

TRACK & FIELD

IMPROVEMENTS

PROJECT NO.

6121235307

SHEET TITLE

FOUNDATION DETAILS

SHEET NUMBER

S2.1







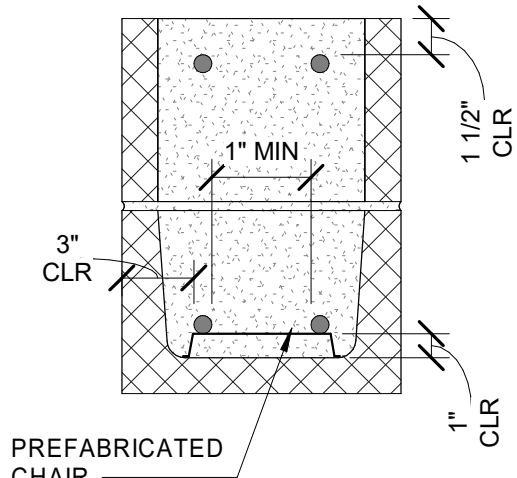
F

CMU WALL REINFORCING LAP SPLICE SCHEDULE				
BAR SIZE	LAP SPLICE LENGTH (INCHES)			
	8" CMU		12" CMU	
	1 BAR/CELL CTRD	2 BARS/CELL CLR 3"	1 BAR/CELL CTRD	2 BARS/CELL CLR 3"
#3	19"	19"	19"	19"
#4	25"	30"	25"	25"
#5	31"	49"	31"	39"
#6	57"		53"	75"
#7	79"		61"	104"

E1 TYPICAL MASONRY LAP SPLICE SCHEDULE  
S4.1 NOT TO SCALE

E

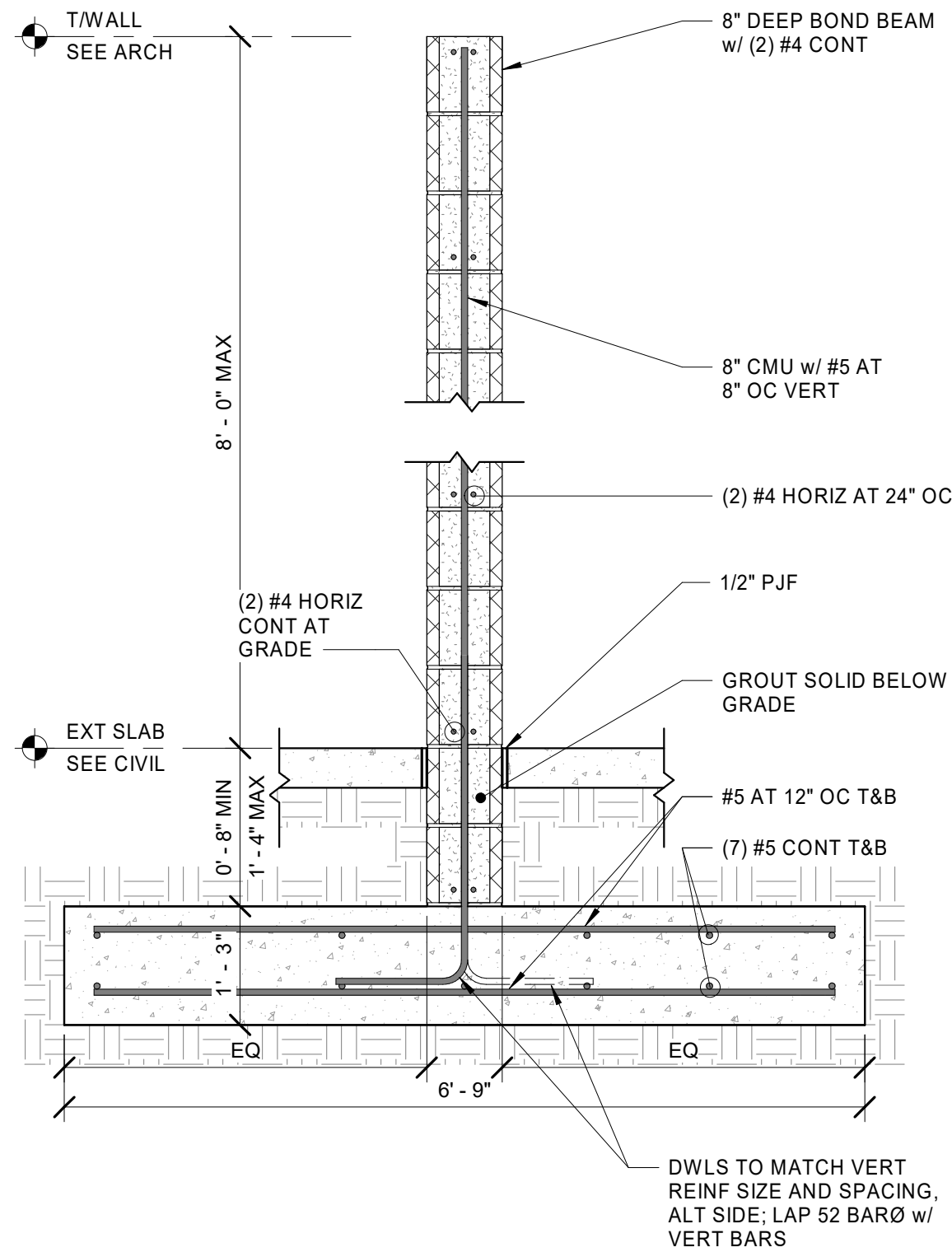
MAX CLEAR SPAN	CMU LINTEL		JAMB	
	DEPTH 'D'	8" WALL	12" WALL	8" WALL
4' - 0"	8"	(2) #4 BOTT	8"	(1) #5
8' - 0"	16"	(2) #4 BOTT	16"	(1) #5 EA CELL



C1 TYPICAL CMU LINTEL SCHEDULE  
S4.1 NOT TO SCALE

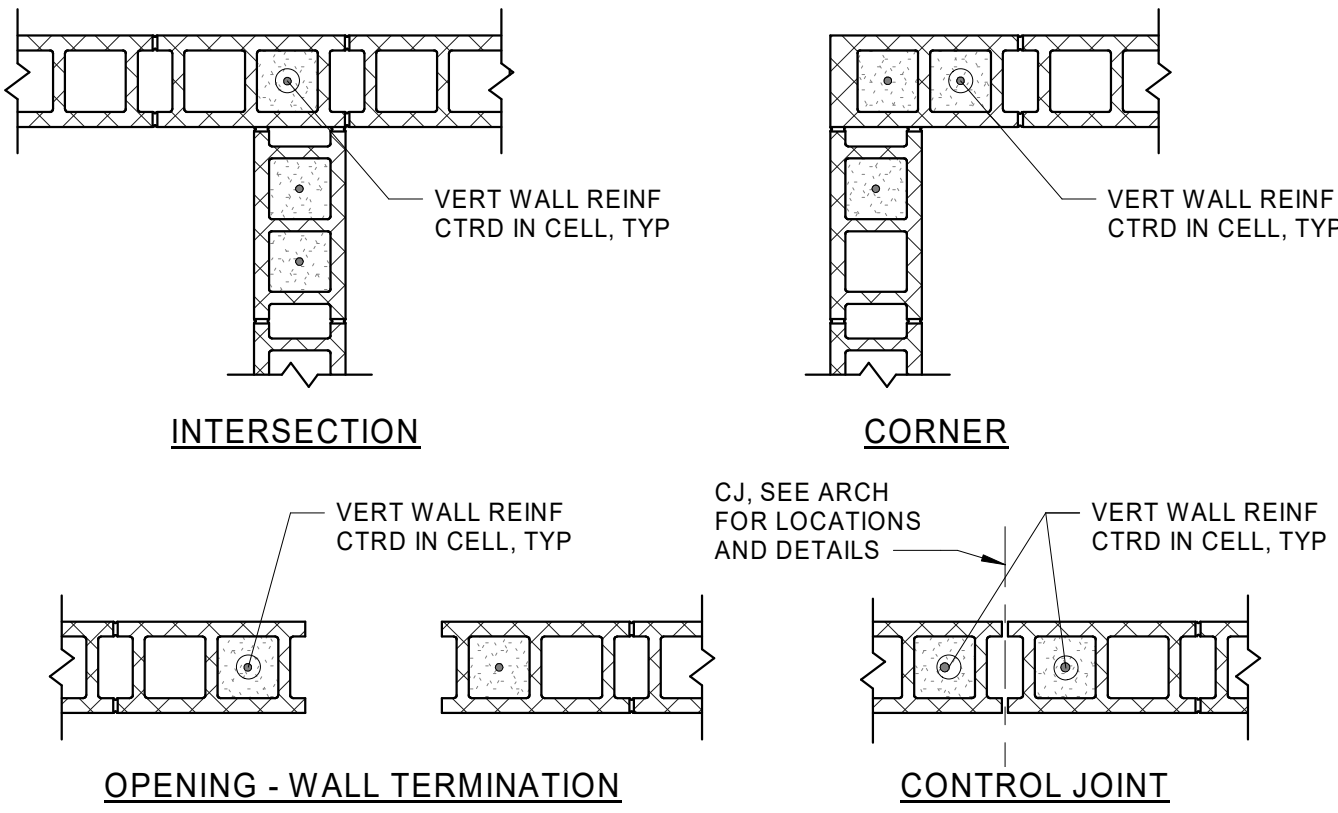
- NOTES:
- USE THIS SCHEDULE AT OPENINGS IN CMU WALLS WHERE LINTELS ARE NOT INDICATED ON PLANS.
  - SEE C3 / S4.1 AND C5 / S4.1 FOR CMU LINTEL SECTION AND ELEVATION.
  - REINFORCING TO BE HELD OFF BOTTOM OF MASONRY BLOCK USING PREFABRICATED CHAIRS (SUBMIT FOR APPROVAL). REBAR TO BE LOCATED IN BOND BEAM WITHIN ±1/4" (CONSTRUCTION TOLERANCE) AS SHOWN IN DETAIL.
  - PROVIDE 2'-0" BEARING OVER MASONRY EACH END WHERE POSSIBLE. SEE CMU WALL REINFORCING AND LINTEL DETAILS.
  - SEE ARCHITECTURAL AND MEP DRAWINGS FOR LINTELS IN NON-LOAD BEARING WALLS.

C



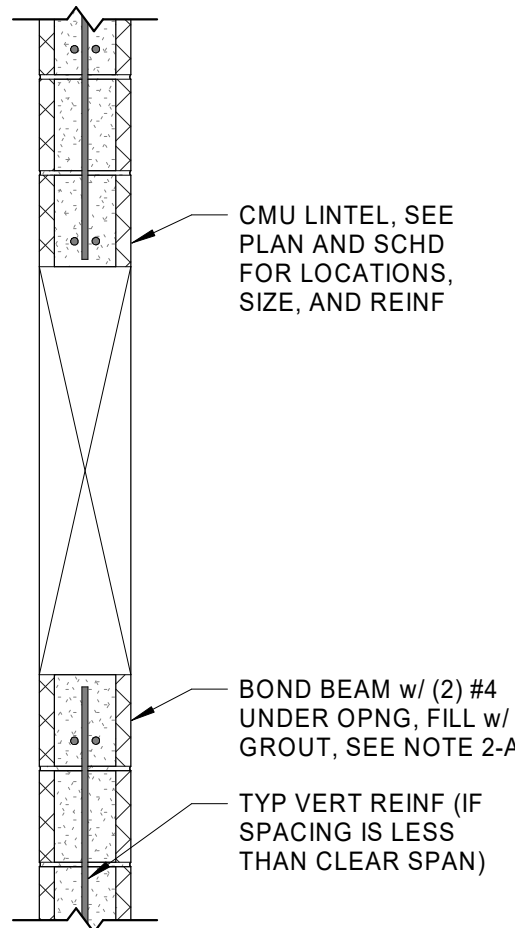
A1 SECTION AT MASONRY SCREEN WALL  
S4.1 NOT TO SCALE

A

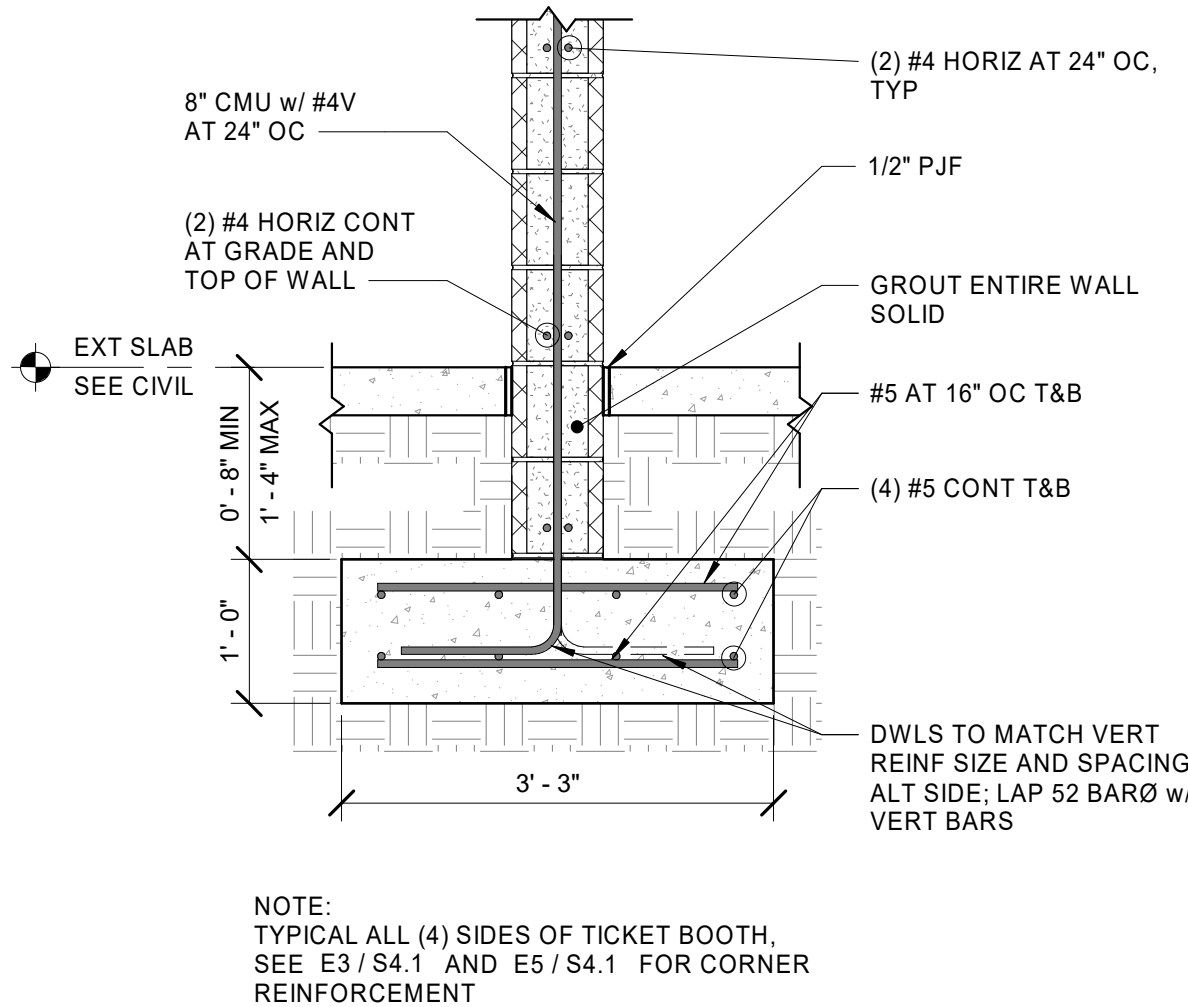


NOTE:  
MATCH DIAMETER OF TYPICAL VERTICAL REINFORCEMENT WHERE THIS DETAIL APPLIES

E3 TYPICAL CMU WALL REINFORCING  
S4.1 NOT TO SCALE



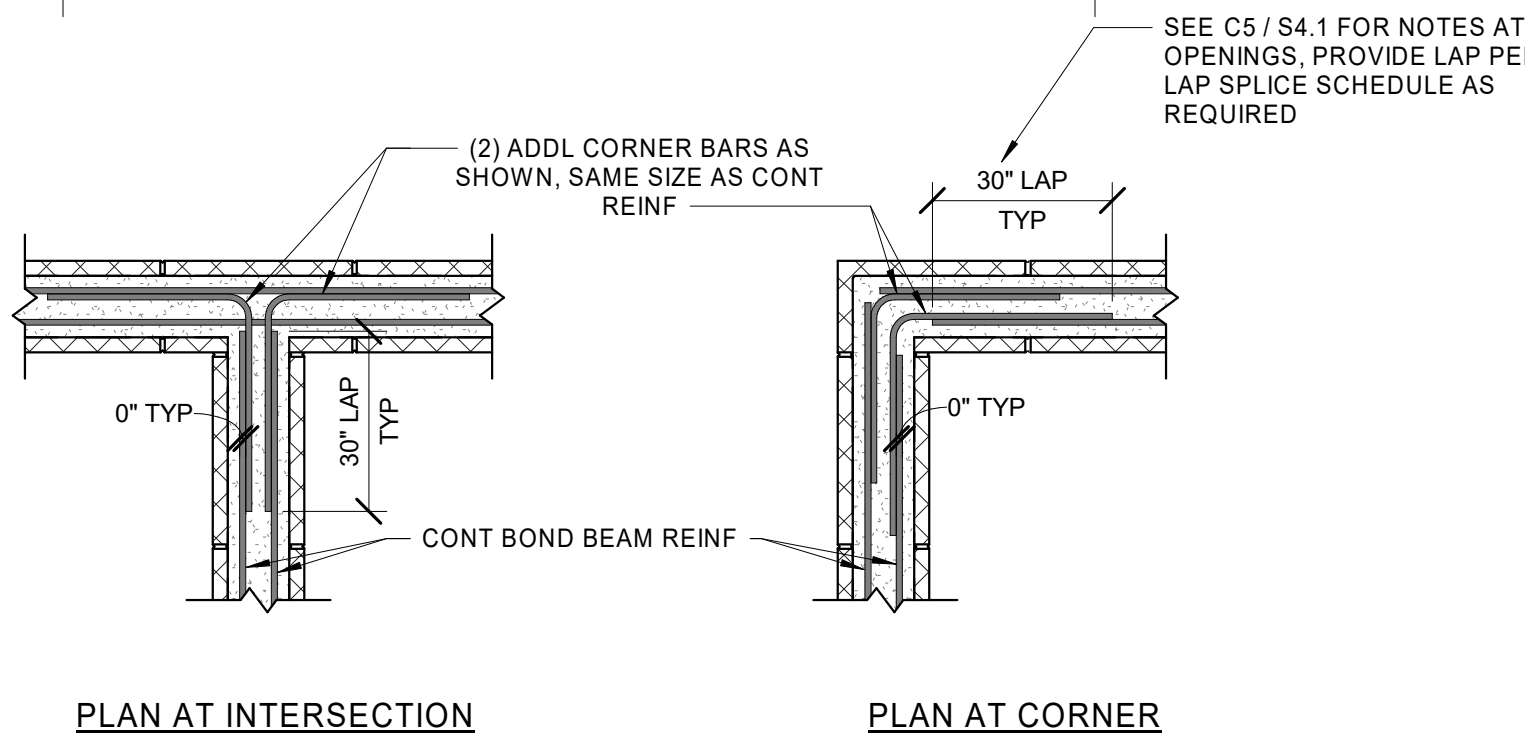
C3 TYPICAL CMU LINTEL SECTION  
S4.1 NOT TO SCALE



NOTE:  
TYPICAL ALL (4) SIDES OF TICKET BOOTH. SEE E3 / S4.1 AND E5 / S4.1 FOR CORNER REINFORCEMENT

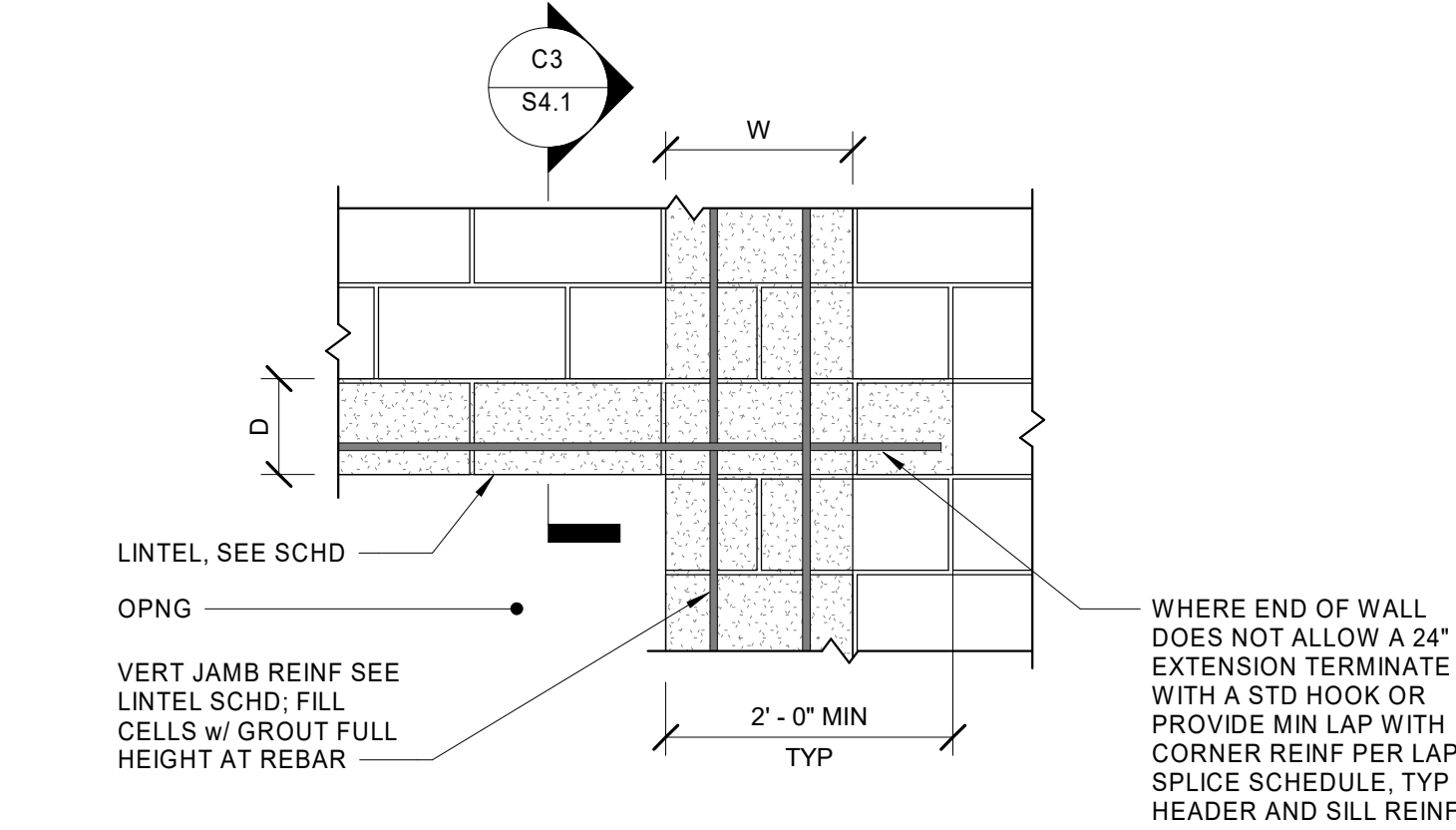
A3 SECTION AT EXTERIOR TICKET BOOTH MASONRY WALL  
S4.1 3/4" = 1'-0"

A3



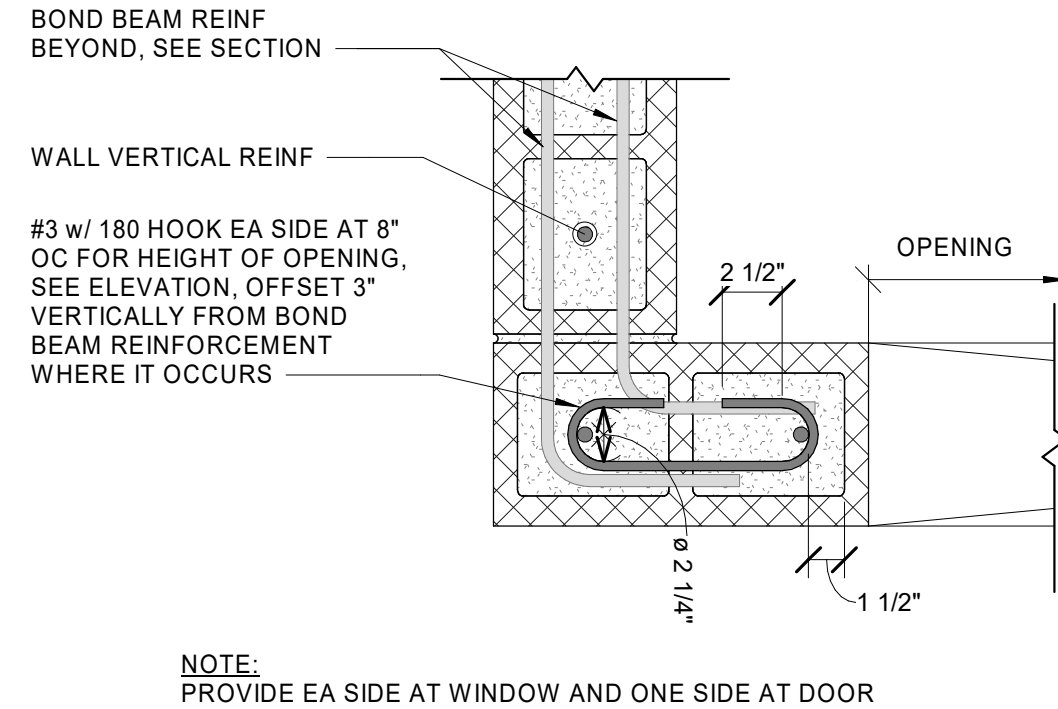
NOTE:  
MATCH DIAMETER OF TYPICAL HORIZONTAL REINFORCEMENT WHERE THIS DETAIL APPLIES

E5 TYPICAL BOND BEAM CORNERS AND INTERSECTIONS  
S4.1 NOT TO SCALE



C5 TYPICAL CMU LINTEL ELEVATION  
S4.1 NOT TO SCALE

C5

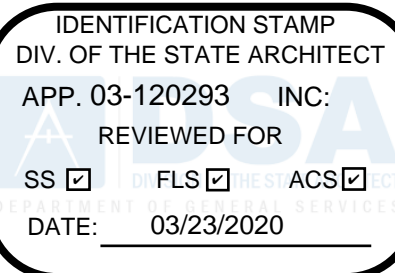


NOTE:  
PROVIDE EA SIDE AT WINDOW AND ONE SIDE AT DOOR

A5 TIE AT WALL PIER  
S4.1 1 1/2" = 1'-0"

A5

AGENCY REVIEW



**LITTLE**  
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CLIENT NAME

**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

PROJECT NAME

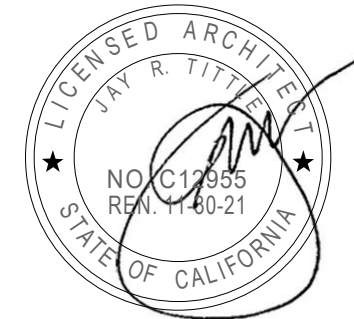
**RIO MESA HIGH SCHOOL TRACK &  
FIELD IMPROVEMENTS**

**545 CENTRAL AVENUE  
OXNARD, CA 93036**

CONSULTANT



SEAL



ISSUE FOR

DSA SUBMITTAL

ISSUE DATE

3/23/20

REVISIONS

NO.

REASON

DATE

PROJECT TEAM

PRINCIPAL IN CHARGE

Bryan Starr, SE

PROJECT MANAGER

Bryan Starr, SE

DESIGN TEAM

BS/EC

PROJECT NAME

**RIO MESA HIGH SCHOOL  
TRACK & FIELD  
IMPROVEMENTS**

PROJECT NO.

**6121235307**

SHEET TITLE

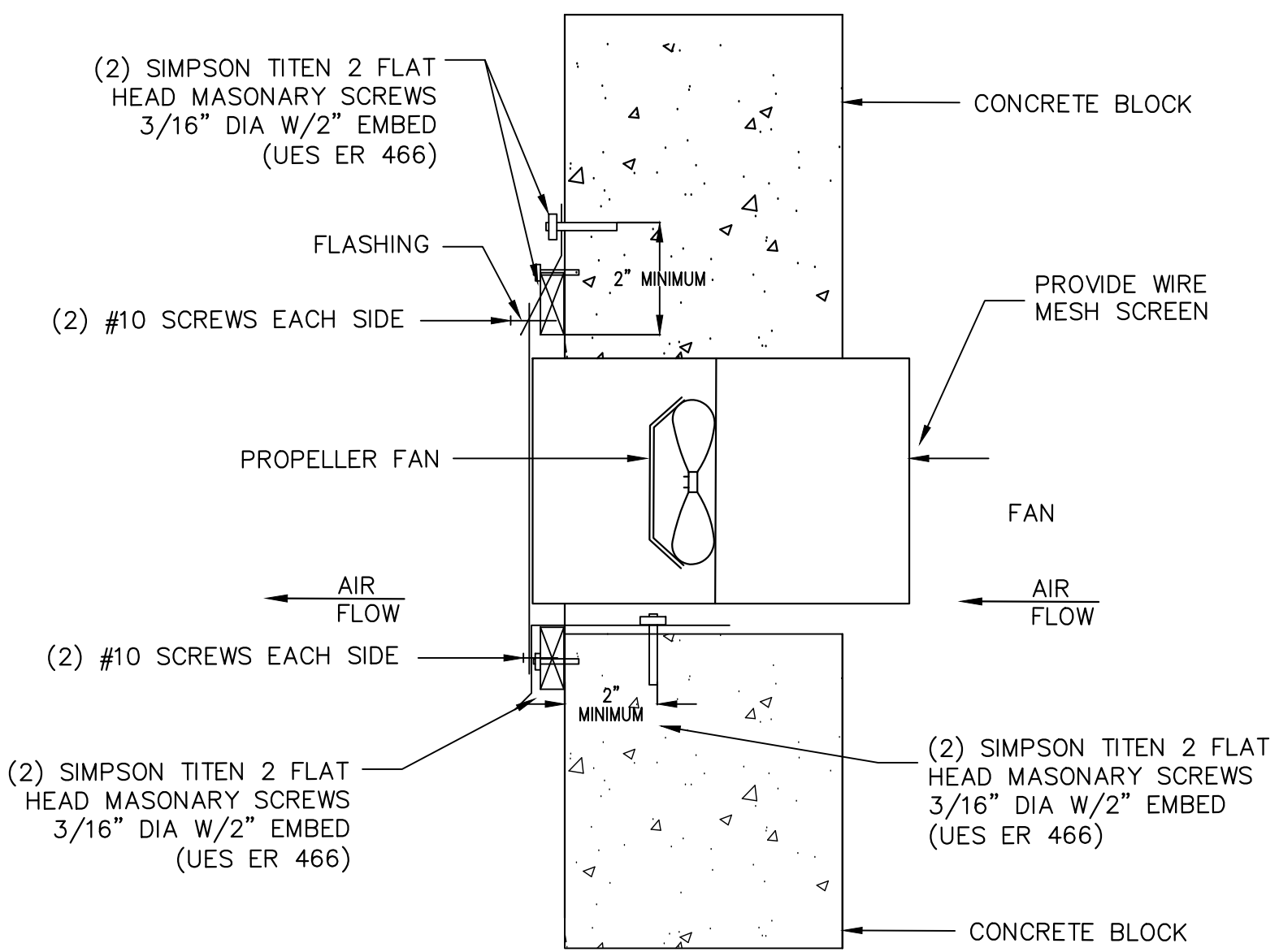
**MASONRY DETAILS**

SHEET NUMBER

**S4.1**

SHEET NUMBER





SIDEWALL PROPELLER FAN

SCALE	1
NONE	

MEP Component Anchorage Note

All mechanical, plumbing, and electrical components shall be anchored and installed per the details on the DSA approved construction documents. Where no detail is indicated, the following components shall be anchored or braced to meet the force and displacement requirements prescribed in the 2016 CBC, Sections 1616A.1.18 through 1616A.1.20 and ASCE 7-10 Chapters 13, 26 and 30.

1. All permanent equipment and components.
2. Temporary or movable equipment that is permanently attached (e.g. hard wired) to the building utility services such as electricity, gas or water.
3. Movable equipment which is stationed in one place for more than 8 hours and heavier than 400 pounds or has a center of mass located 4 feet or more above the adjacent floor or roof level that directly support the component are required to be anchored with temporary attachments.

The following mechanical and electrical components shall be positively attached to the structure, but the attachment need not be detailed on the plans. These components shall have flexible connections provided between the component and associated ductwork, piping, and conduit.

- A. Components weighing less than 400 pounds and have a center of mass located 4 feet or less above the adjacent floor or roof level that directly support the component.
- B. Components weighing less than 20 pounds, or in the case of distributed systems, less than 5 pounds per foot, which are suspended from a roof or floor or hung from a wall.

For those elements that do not require details on the approved drawings, the installation shall be subject to the approval of the design professional in general responsible charge or Structural Engineer delegated responsibility and the DSA District Structural Engineer. The project inspector will verify that all components and equipment have been anchored in accordance with above requirements.

Piping, Ductwork, and Electrical Distribution System Bracing Note

Piping, ductwork, and electrical distribution systems shall be braced to comply with the forces and displacements prescribed in ASCE 7-10 Section 13.3 as defined in ASCE 7-10 Section 13.6.5.6, 13.6.7, 13.6.8, and 2016 CBC, Sections 1616A.1.24, 1616A.1.25, and 1616A.1.26.

The method of showing bracing and attachments to the structure for the identified distribution system are as noted below. When bracing and attachments are based on preapproved installation guide (e.g. SMACNA or OSHPD OPM), copies of the bracing system installation guide or manual shall be available on the jobsite prior to the start of and during the hanging and bracing of the distribution system. The Structural Engineer of Record shall verify the adequacy of the structure to support the hanger and brace loads.

Mechanical Piping (MP), Mechanical Ducts (MD), Plumbing Piping (PP):

MP ☐ MD ☐ PP ☐ - Option 1: Detailed on the approved drawings with project specific notes and details.

MP ☐ MD ☐ PP ☐ - Option 2: Shall comply with the applicable OSHPD Pre-Approved (OPM #) \_\_\_\_\_.

MP ☒ MD ☒ PP ☒ - Option 3: Shall comply with the SMACNA Seismic Restraint Manual OSHPD Edition (2009) including any addenda, Fasteners and other attachments not specifically identified in the SMACNA Seismic Restraint Manual, OSHPD Edition, are detailed on the approved drawings with project specific notes and details. The details shall account for the applicable Seismic Hazard Level AA and Connection Level 2 for the project and conditions.

DSA NOTES

1. UNLESS SPECIFIED ON STRUCTURAL / ARCHITECTURAL DRAWINGS, ANY ALTERATIONS OR MODIFICATIONS TO A STRUCTURAL ELEMENT BY CUTTING, DRILLING, BORING, BRACING, WELDING ETC. SHALL HAVE WRITTEN APPROVAL BY STRUCTURAL ENGINEER OF RECORD AND DSA PRIOR TO START OF WORK.

2. PIPE AND DUCTS SUPPORTS:

PIPES, DUCTS AND CONDUITS SHALL BE SUPPORTED AND BRACED PER OSHPD ANCHORAGE PRE-APPROVAL NO. R-0010, THE SMACNA GUIDELINES FOR SEISMIC RESTRAINT MANUAL FOR MECHANICAL SYSTEM. ONCE THE EXACT LOCATION OF ALL PIPES, DUCTS AND CONDUITS HAVE BEEN ESTABLISHED, THE STRUCTURAL ENGINEER MUST CHECK THE ADEQUACY OF THE SUPPORTING STRUCTURE TO ENSURE THAT THE ORIGINAL DESIGN IS STILL ADEQUATE. SEE ASCE 7-05 SECTION 13.6 FOR REQUIREMENTS.

3. THE SEISMIC ANCHORAGE OF MECHANICAL AND ELECTRICAL EQUIPMENT SHALL CONFORM TO ASCE 7-05 SECTION 13.6 AND TABLE 13.6-1.

4. ALL PLUMBING LINES SHALL BE LOCATED 12 INCHES MINIMUM AWAY FROM STRUCTURAL HOLD DOWN BOLTS.

5. ANCHORAGE DETAILS FOR EQUIPMENT WHICH ARE NOT APPROVED DURING PLAN REVIEW ARE SUBJECT TO APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND DSA'S DISTRICT STRUCTURAL ENGINEER PRIOR TO INSTALLATION AND INSPECTION BY THE PROJECT INSPECTOR.

MECHANICAL EQUIPMENT BRACING AND ANCHORAGE:

ALL MECHANICAL EQUIPMENT AND DUCTS SHALL BE INSTALLED WITH SEISMIC RESTRAINTS PER GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING SYSTEM PUBLISHED BY SMACNA (1998) AND APPROVED BY DSA.

WHERE BRACING AND ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS OR IN THE GUIDELINES, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT, THE STRUCTURAL ENGINEER, THE MECHANICAL ENGINEER AND THE DSA FIELD ENGINEER.

A COPY OF THE GUIDELINES PUBLISHED BY SMACNA (1998) AND APPROVED BY DSA SHALL BE PROVIDED BY THE CONTRACTOR AND KEPT ON THE JOB AT ALL TIMES.

HVAC SYMBOL AND ABBREVIATIONS

	SUPPLY AIR DUCT	
	RETURN, TRANSFER EXHAUST OR BY-PASS AIR DUCT	
	SUPPLY AIR DIFFUSER	S.A
	RETURN AIR REGISTER	R.A.
	TRANSFER AIR REGISTER	T.A.
	EXHAUST AIR REGISTER	E.A
	AC UNIT THERMOSTAT & ZONE	
	VOLUME DAMPER	V.D.
	UNDER CUT DOOR	
	DOOR LOUVER	D.L.
	DUCT TRANSITION	
	CEILING	CLG
	OUTSIDE AIR	O.A
	CEILING DIFFUSER	C.D.
	FILLER PANEL	F.P.
	RETURN CEILING GRILLE	R.C.G.
	RETURN CEILING REGISTER	R.C.R.
	TRANSFER CEILING GRILLE	T.C.G.
	EXHAUST CEILING GRILLE	E.C.G.
	EXHAUST CEILING REGISTER	E.C.R.
	SUPPLY WALL GRILLE	S.W.G.
	SUPPLY WALL REGISTER	S.W.R.
	RETURN WALL GRILLE	R.W.G.
	RETURN WALL REGISTER	R.W.R.
	TRANSFER WALL GRILLE	T.W.G.
	EXHAUST WALL GRILLE	E.W.G.
	EXHAUST WALL REGISTER	E.W.R.
	FUSIBLE LINK FIRE DAMPER	F.L.F.D.
	ACCESS PANEL	A.P.
	U.L. LISTED ACCESS PANEL	U.L.A.P.
	AIR CONDITIONING UNIT	A.C.
	EXHAUST FAN	E.F.
	GRAVITY VENTILATOR	GV
	FUME HOOD EXHAUST FAN	FEF
	POINT OF CONNECTION	P.O.C.
	ABOVE FINISHED FLOOR	A.F.F.
	AIR CONDITIONING UNIT	AC
	FLOOR	FLR
	COOLING UNIT	C.C.
	HEAT PUMP UNIT	HP
	KITCHEN HOOD EXHAUST FAN	KEF
	KITCHEN HOOD SUPPLY FAN	KSF
	FURNISHED AND INSTALLED UNDER THE ARCHITECTURAL DIVISION OF THE SPECIFICATIONS.	A
	FURNISHED AND INSTALLED UNDER THE ELECTRICAL DIVISION OF THE SPECIFICATIONS.	E
	FURNISHED AND INSTALLED UNDER THE STRUCTURAL DIVISION OF THE SPECIFICATIONS.	S
	COMBINATION SMOKE/FIRE DAMPER	CSFD
	INTERNALLY LINED DUCTWORK	(L) OR
	CARBON DIOXIDE SENSOR	CO2
	S.A. OR R.A. DUCT DROPS	OR
	E.A. DUCT DROP	

GENERAL REQUIREMENTS

1. A. FURNISH ALL LABOR, SUPERVISION, MATERIALS, EQUIPMENT AND FACILITIES NECESSARY TO FURNISH, FABRICATE, DELIVER, STORE AND INSTALL ALL WORK NOTED ON THE DRAWINGS AND/OR SPECIFIED HEREIN.

B. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL WORK NECESSARY TO MAKE A COMPLETE SYSTEM WHETHER OR NOT SUCH DETAILS ARE MENTIONED IN THESE SPECIFICATIONS OR SHOWN ON THE PLANS, BUT WHICH ARE OBVIOUSLY NECESSARY TO MAKE A COMPLETE SYSTEM, EXCEPTING ONLY THOSE PORTIONS THAT ARE SPECIFICALLY MENTIONED HEREIN OR PLAINLY MARKED ON THE ACCOMPANYING DRAWINGS AS BEING INSTALLED UNDER ANOTHER SECTION OF THE SPECIFICATIONS.

2. WORKMANSHIP: THE WORK SHALL BE ACCOMPLISHED IN A THOROUGH AND WORKMAN-LIKE MANNER SATISFACTORY TO AND MEETING THE APPROVAL OF THE OWNER AND ARCHITECT.

3. MATERIALS: ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND THE BEST OF THEIR RESPECTIVE KIND, FREE FROM ALL DEFECTS AND OF THE MAKE AND QUALITY SPECIFIED.

4. SITE INSPECTION: CONTRACTOR SHALL VISIT THE SITE OF WORK PRIOR TO SUB-MISSION OF HIS BID AND THOROUGHLY FAMILIARIZE HIMSELF WITH THE WORKING CONDITIONS & EXACT NATURE OF THE WORK. SUBMISSION OF A BID ACKNOWLEDGES FULL RESPONSIBILITY FOR FURNISHING A COMPLETE AND FUNCTIONAL SYSTEM. NO CHANGES IN CONTRACT WILL BE MADE TO ACCOMMODATE OR ALLOW EXTRA FUNDS FOR ANY OMISSION WHICH RESULTS FROM A FAILURE TO THOROUGHLY MAKE THE EXAMINATION.

5. CODES AND PERMITS: ALL MECHANICAL EQUIPMENT, INSTALLATION, ETC., SHALL CONFORM WITH ALL APPLICABLE CODES AND ORDINANCES AS INTERPRETED BY THE LOCAL AUTHORITY HAVING JURISDICTION, INCLUDING CALIFORNIA TITLE 24. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS. COPIES OF ALL PERMITS AND INSPECTION REPORTS SHALL BE SUBMITTED TO THE ARCHITECT.

6. COORDINATION: THE DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW SCOPE. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES TO PROVIDE BEST ARRANGEMENT OF ALL DUCTS, PIPES, CONDUIT, ETC.

7. INSULATION SHALL BE U.L. LISTED IN COMPLIANCE WITH FLAME-SPREAD RATING OF NOT MORE THAN 25 AND SMOKE DENSITY NOT EXCEEDING 50, PER THE CALIFORNIA MECHANICAL CODE. INSTALLATION SHALL BE IN ACCORDANCE WITH THE STATE OF CALIFORNIA ENERGY COMMISSION AND CMC REQUIREMENTS.

8. CONTRACTOR SHALL AFFIX A MAINTENANCE LABEL TO ALL EQUIPMENT REQUIRING ROUTINE MAINTENANCE AND SHALL PROVIDE THREE COPIES OF MAINTENANCE AND OPERATING MANUALS TO THE OWNER.

9. BALANCING AND ADJUSTING: ALL WATER SYSTEMS SHALL BE ADJUSTED BY AN INDEPENDENT BALANCING CONTRACTOR THAT IS A MEMBER OF THE ASSOCIATED AIR BALANCING COUNCIL (AABC). SUBMIT BALANCE REPORT TO OWNER PRIOR TO RECEIVING FINAL PAYMENT.

10. COORDINATE LOCATIONS OF ALL ROOF WALL OPENINGS WITH ALL RELEVANT TRADES, AND PROVIDE WATERTIGHT FLASHINGS WHEREVER PENETRATIONS OCCUR. EXACT LOCATIONS AND SIZES MAY BE DEPENDENT UPON EQUIPMENT SELECTIONS; COORDINATE SIZES AND LOCATIONS OF ALL OPENINGS WITH APPROPRIATE EQUIPMENT REQUIREMENTS.

11. PERMANENT ACCESS TO EQUIPMENT SHALL BE PROVIDED, AND A MINIMUM OF 30" CLEAR WORKING SPACE IN FRONT OF ACCESS PANELS TO THE EQUIPMENT SHALL BE PROVIDED.

12. ALL EQUIPMENT SHALL BE SECURELY FASTENED TO THE BUILDING STRUCTURE.

13. GAS-FIRED EQUIPMENT SHALL BE EQUIPPED WITH A PILOTLESS ELECTRONIC INTERMITTENT IGNITION SYSTEM. GAS FIRED BOILER AND GAS FIRED AC UNITS SHALL MEET ALL SQADM LO-NOX REQUIREMENTS.

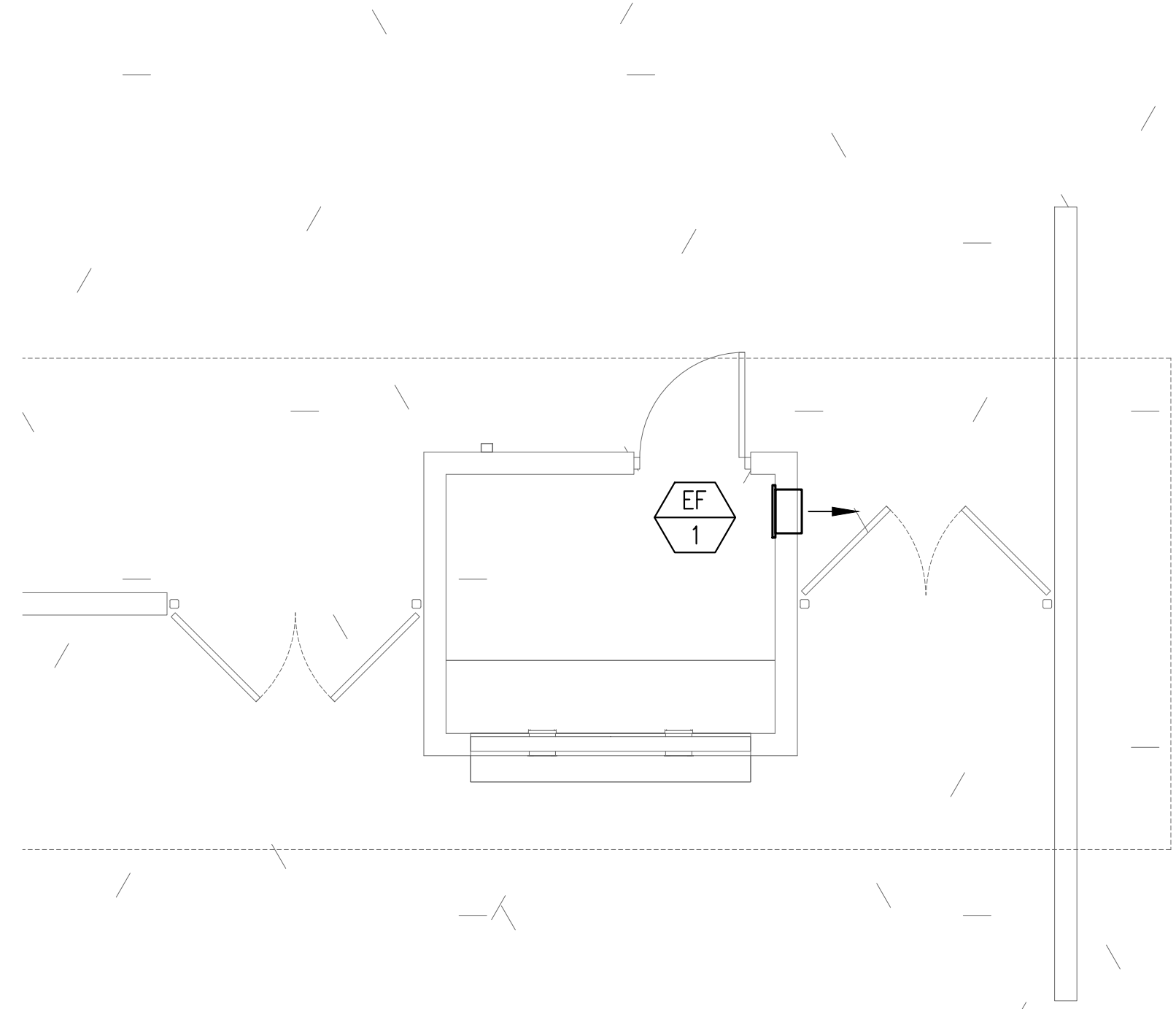
14. EACH PIECE OF EQUIPMENT AND ALL SYSTEMS SHALL BE ADJUSTED AND RE-ADJUSTED TO INSURE PROPER FUNCTION OF ALL CONTROLS, MAINTENANCE OF TEMPERATURE, ADEQUACY OF FLOWS AND CAPACITIES, ELIMINATION OF NOISE AND VIBRATION, AND SHALL BE LEFT IN PROPER OPERATING CONDITION.

15. AIR FILTERS SHALL BE A STATE FIRE MARSHAL APPROVED AND LISTED TYPE. PREFORMED FILTERS HAVING COMBUSTIBLE FRAMING SHALL BE TESTED AS A COMPLETE ASSEMBLY. AIR FILTERS IN ALL OCCUPANCIES SHALL BE CLASS 2 OR BETTER (AS SHOWN IN THE STATE FIRE MARSHAL LISTING). AIR FILTERS SHALL BE ACCESSIBLE FOR CLEANING OR REPLACEMENT.

16. VOLUME DAMPERS SHALL BE PROVIDED IN EACH BRANCH DUCT SERVING EACH REGISTER OR DIFFUSER (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION).

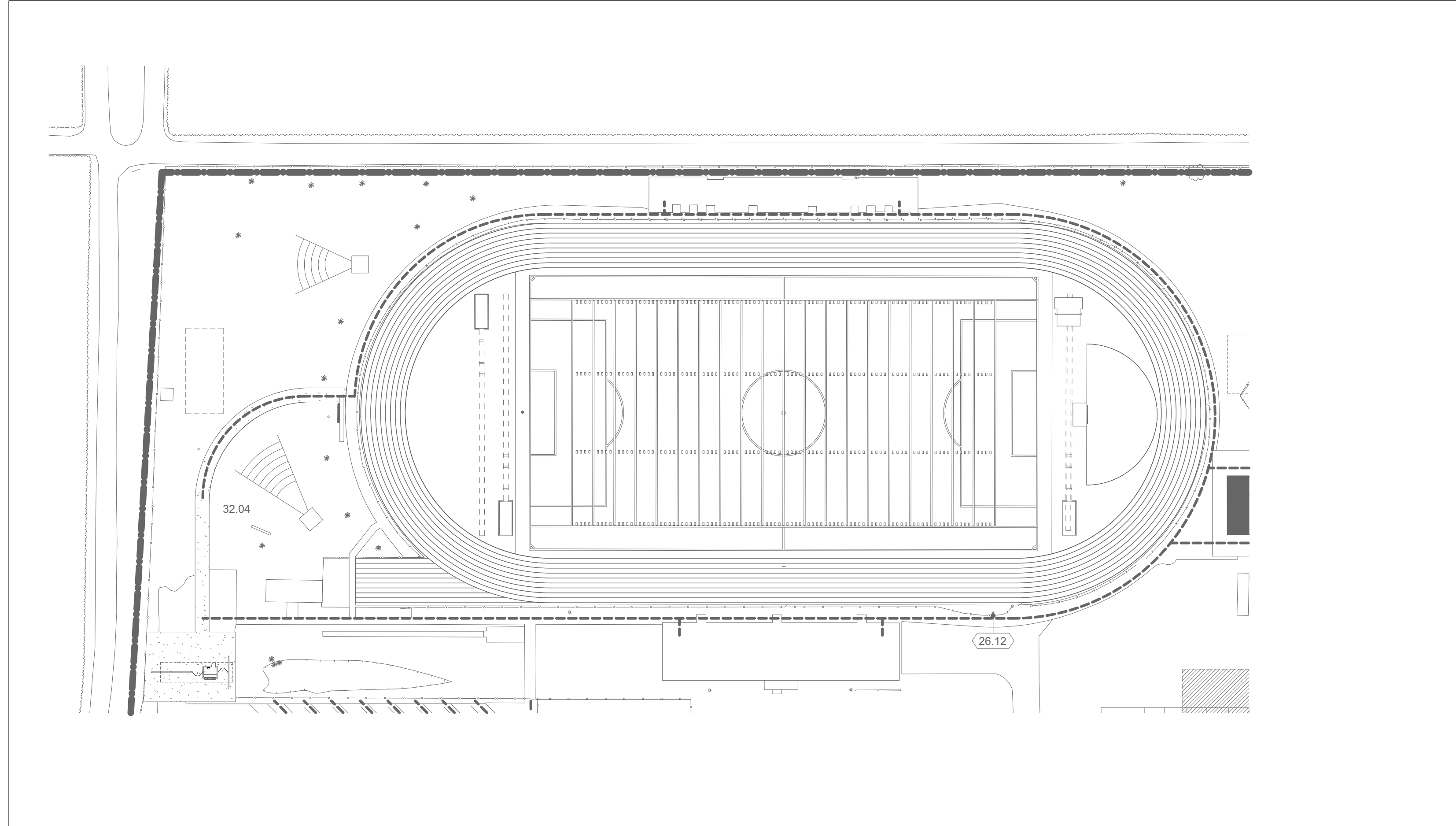
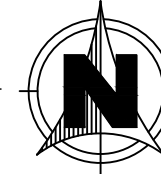
EXHAUST FAN SCHEDULE

BUILDING	UNIT	MAKE	MODEL	FAN TYPE	ELECTRICAL DATA			TOTAL CFM	SP (IN)	SONES	DUCT CONNECTION	OPER. WT. (LBS)	REMARKS										
					WATTS	V	PH						1	2	3	4	5	6	7	8	9	10	
TICKET BOOTHS	EF-1	COOK	CBF	WALL MOUNTED	54.9	120	1	150	.25	5.1	--	35	x	x									
<div>① INTERLOCK WITH WALL SWITCH. PROVIDE WITH SPEED CONTROL.</div> <div>② PROVIDE WITH BIRDSCREEN AND MANUFACTURERS MOUNTING KIT AS REQUIRED.</div> <div>③ PROVIDE WITH MANUFACTURERS COASTAL CORROSION PREVENTION COATINGS.</div>																							



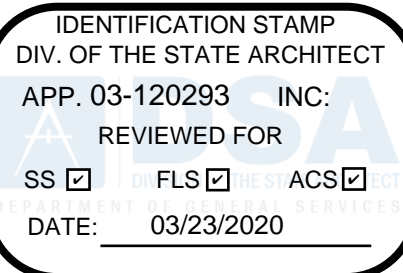
GATEWAY TICKET BOOTH #1 MECHANICAL FLOOR PLAN

Scale 1/4" = 1'-0"



SITE KEY PLAN

Scale 1" = 60'-0"



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**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

**RIO MESA HIGH SCHOOL TRACK &  
FIELD IMPROVEMENTS**

**545 CENTRAL AVENUE,  
OXNARD, CA. 93036**



DSA SUBMITTAL

03/23/2020

NO.	REASON	DATE

PRINCIPAL IN CHARGE  
**B.E.S./A.O.**  
PROJECT MANAGER  
**A.O./D.E.**  
DESIGN TEAM  
**J.H.**

**RIO MESA HIGH SCHOOL  
TRACK & FIELD**

**MECHANICAL COVER  
SHEET AND FLOOR  
PLANS**

**M-001**





## APPLICABLE CODES:

THE APPLICABLE CODES TO THIS PROJECT INCLUDE BUT ARE NOT LIMITED TO:

- 2016 CALIFORNIA PLUMBING CODE
- 2016 CALIFORNIA MECHANICAL CODE
- 2016 CALIFORNIA ENERGY CODE
- 2016 CALIFORNIA GREEN BUILDING CODE

# GENERAL REQUIREMENTS

1. A. FURNISH ALL LABOR, SUPERVISION, MATERIALS, EQUIPMENT AND FACILITIES NECESSARY TO FURNISH, FABRICATE, DELIVER, STORE AND INSTALL ALL WORK NOTED ON THE DRAWINGS AND/OR SPECIFIED HEREIN.
2. B. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL WORK NECESSARY TO MAKE A COMPLETE SYSTEM WHETHER OR NOT SUCH DETAILS ARE MENTIONED IN THESE SPECIFICATIONS OR SHOWN ON THE PLANS, BUT WHICH ARE OBVIOUSLY NECESSARY TO MAKE A COMPLETE SYSTEM, EXCEPTING ONLY THOSE PORTIONS THAT ARE SPECIFICALLY MENTIONED HEREIN OR PLAINLY MARKED ON THE ACCOMPANYING DRAWINGS AS BEING INSTALLED UNDER ANOTHER SECTION OF THE SPECIFICATIONS.
3. WORKMANSHIP: THE WORK SHALL BE ACCOMPLISHED IN A THOROUGH AND WORKMAN-LIKE MANNER SATISFACTORY TO AND MEETING THE APPROVAL OF THE OWNER AND ARCHITECT.
4. MATERIALS: ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND THE BEST OF THEIR RESPECTIVE KIND, FREE FROM ALL DEFECTS AND OF THE MAKE AND QUALITY SPECIFIED.
5. SITE INSPECTION: CONTRACTOR SHALL VISIT THE SITE OF WORK PRIOR TO SUBMISSION OF HIS BID AND THOROUGHLY FAMILIARIZE HIMSELF WITH THE WORKING CONDITIONS AND EXACT NATURE OF THE WORK. SUBMISSION OF A BID ACKNOWLEDGES FULL RESPONSIBILITY FOR FURNISHING A COMPLETE AND FUNCTIONAL SYSTEM. NO CHANGES IN CONTRACT WILL BE MADE TO ACCOMMODATE OR ALLOW EXTRA FUNDS FOR ANY OMISSION WHICH RESULTS FROM A FAILURE TO THOROUGHLY MAKE THE EXAMINATION.
6. CODES AND PERMITS: ALL MECHANICAL EQUIPMENT, INSTALLATION, ETC., SHALL CONFORM WITH ALL APPLICABLE CODES AND ORDINANCES AS INTERPRETED BY THE LOCAL AUTHORITY HAVING JURISDICTION, INCLUDING CALIFORNIA TITLE 24.
7. COORDINATION: THE DRAWINGS ARE DIAGRAMATIC AND INTENDED TO SHOW SCOPE. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES TO PROVIDE BEST ARRANGEMENT OF ALL DUCTS, PIPES, CONDUIT, ETC.
8. INSULATION SHALL BE U.L. LISTED IN COMPLIANCE WITH FLAME-SPREAD RATING OF NOT MORE THAN 25 AND SMOKE DENSITY NOT EXCEEDING 50, PER THE CALIFORNIA MECHANICAL CODE. INSTALLATION SHALL BE IN ACCORDANCE WITH THE STATE OF CALIFORNIA ENERGY CONSERVATION AND CPC REQUIREMENTS.
9. HORIZONTAL DRAINAGE PIPING SHALL BE RUN AT A UNIFORM SLOPE OF NOT LESS THAN 1/4" PER FOOT TOWARD THE POINT OF DISPOSAL. WHERE APPROVED BY THE LOCAL AUTHORITY OR INDICATED ON DRAWINGS, DRAINAGE PIPING 4 INCHES, OR LARGER, MAY BE RUN AT A UNIFORM SLOPE OF 1/8 INCHES PER FOOT. ALL PIPING UNDER BUILDINGS SHALL BE SLOPED AT 1/8 INCHES PER FOOT.
10. ALL FLOOR SINKS SHALL BE FLUSHED TO THE FLOOR. ALL LINES DRAINING TO THE FLOOR SINK SHALL SLOPE A MINIMUM OF 1/4" PER FOOT AND SHALL TERMINATE AT LEAST ONE INCH ABOVE THE RIM OF THE FLOOR SINK. ALL FLOOR SINKS AND FLOOR DRAINS SHALL BE PROVIDED WITH TRAP PRIMERS.
11. EACH PLUMBING VENT SHALL TERMINATE NOT LESS THAN TEN FEET FROM OR AT LEAST THREE FEET ABOVE ANY OPENABLE WINDOW, DOOR, OPENING, AIR INTAKE OR VENT SHAFT, AND SHALL TERMINATE NOT LESS THAN SIX INCHES ABOVE THE ROOF OR 1 FOOT FROM ANY VERTICAL SURFACE.
12. CLEAN-OUTS SHALL BE INSTALLED AS PER CPC REQUIREMENTS.
13. PROTECT ROOF RECEPTORS FROM RAIN WATER BY ELEVATING THE RIM 2 INCHES ABOVE THE ROOF SURFACE.
14. COORDINATE LOCATIONS OF ALL ROOF WALL OPENINGS WITH ALL RELEVANT TRADES AND PROVIDE WATERTIGHT FLASHINGS WHEREVER PENETRATIONS OCCUR. EXACT LOCATIONS AND SIZES MAY BE DEPENDENT UPON EQUIPMENT SELECTIONS; COORDINATE SIZES AND LOCATIONS OF ALL OPENINGS WITH APPROPRIATE EQUIPMENT REQUIREMENTS.
15. PENETRATIONS: PENETRATIONS IN WALLS REQUIRING PROTECTED OPENINGS SHALL BE FIRE-STOPPED. FIRE-STOPPING SHALL BE AN APPROVED MATERIAL SECURELY INSTALLED AND CAPABLE OF MAINTAINING ITS INTEGRITY WHEN SUBJECTED TO TEST TEMPERATURE PRESCRIBED IN THE C.B.C. FOR SPECIFIC WALL OR PARTITION TYPE.
16. PROVIDE FILL WITH METAL BACKING VIBRATION ISOLATION SLEEVES OR PADS AT ALL PIPE HANGERS OR SUPPORTS AND ALL POINTS WHERE PIPING COMES IN CONTACT WITH ANY PORTION OF THE STRUCTURE.
17. ROUGH-IN AND CONNECT EQUIPMENT PROVIDED UNDER OTHER SECTIONS OF THE WORK.
18. WATER HEATING SYSTEMS AND EQUIPMENT SHALL MEET OR EXCEED ALL APPLICABLE EFFICIENCY REQUIREMENTS AS INDICATED IN THE CALIFORNIA ENERGY COMMISSION.
19. HOT WATER CIRCULATING PUMPS SHALL HAVE A CONTROL CAPABLE OF AUTOMATICALLY TURNING OFF WHEN HOT WATER IS NOT REQUIRED.
20. GAS-FIRED EQUIPMENT SHALL BE EQUIPPED WITH A PILOTLESS ELECTRONIC INTERMITTENT IGNITION SYSTEM. GAS FIRED BOILER AND GAS FIRED AC UNITS SHALL MEET ALL SOUND LO-NOX REQUIREMENTS.
21. LAVATOIRES IN RESTROOMS OF PUBLIC FACILITIES SHALL BE EQUIPPED WITH OUTLET DEVICES THAT LIMIT THE FLOW OF HOT WATER TO A MAXIMUM OF 0.5 GALLONS PER MINUTE AND WITH CONTROLS TO LIMIT THE OUTLET TEMPERATURE TO 110°F.
22. ALL EQUIPMENT SHALL BE SECURELY FASTENED TO THE BUILDING STRUCTURE.
23. INSULATION SHALL BE PROVIDED ON ALL WATER LINES AND P-TRAPS SERVING HANDICAPPED LAVATOIRES AND SINKS WITH HOT WATER SERVICE.
24. ROOF OVERFLOW DRAINS SHALL SPILL BELOW SLOPE ABOVE COVERED WALKWAY AREA WHERE POSSIBLE. DRAINS WHICH CANNOT SPILL TO SOFFIT AND ARE RUN DOWN IN EXTERIOR WALL SHALL TERMINATE MIN 9" MAX 12" ABOVE GRADE.
25. CONTRACTOR TO COORDINATE ROOF DRAIN OUTLET INVERT ELEVATIONS WITH CIVIL STORM DRAIN PIPING STUBBED TO BUILDING, AND MAKE FINAL CONNECTION AS REQUIRED.
26. UNLESS SPECIFICALLY SHOWN ON THESE PLANS, NO STRUCTURAL MEMBERS SHALL BE CUT, DOLLED OR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE DISTRICT STRUCTURAL ENGINEER FROM THE DIVISION OF THE STATE ARCHITECT.

**MEP Component Anchorage Note**

All mechanical, plumbing, and electrical components shall be anchored and installed per the details on the USA approved construction documents. Where no detail is indicated, the following components shall be anchored or braced to meet the force and displacement requirements prescribed in the 2016 CBC, Sections 1616A.1.18 through 1616A.1.26 and ASCE 7-10 Chapters 13, 26 and 30.

1. All permanent equipment and components.
2. Temporary or movable equipment that is permanently attached (e.g. hard wired) to the building utility services such as electricity, gas or water.
3. Movable equipment which is stationed in one place for more than 8 hours and heavier than 400 pounds or has a center of mass located 4 feet or more above the adjacent floor or roof level that directly support the component are required to be anchored with temporary attachments.

The following mechanical and electrical components shall be positively attached to the structure, but the attachment need not be detailed on the plans. These components shall have flexible connections provided between the component and associated ductwork, piping, and conduit.

- A. Components weighing less than 400 pounds and have a center of mass located 4 feet or less above the adjacent floor or roof level that directly support the component.
- B. Components weighing less than 20 pounds, or in the case of distributed systems, less than 5 pounds per foot, which are suspended from a roof or floor or hung from a wall.

For those elements that do require details on the approved drawings, the installation shall be subject to the approval of the design professional in general responsible charge or Structural Engineer delegated responsibility and the USA District Structural Engineer. The project inspector will verify that all components and equipment have been anchored in accordance with above requirements.

**Piping, Ductwork, and Electrical Distribution System Bracing Note**

Piping, ductwork, and electrical distribution systems shall be braced to comply with the forces and displacements prescribed in ASCE 7-10 Section 13.3 as defined in ASCE 7-10 Section 13.6.5.6, 13.6.7, 13.6.8, and 2016 CBC, Sections 1616A. 1.24, 1616A. 1.25, and 1616A. 1.26.

The method of showing bracing and attachments to the structure for the identified distribution system are as noted below. When bracing and attachments are based on preapproved installation guide (e.g. SMACNA or OSHDP OPM), copies of the bracing system installation guide or manual shall be available on the jobsite prior to the start of and during the hanging and bracing of the distribution system. The Structural Engineer of Record shall verify the adequacy of the structure to support the hanger and brace loads.

**Mechanical Piping (MP), Mechanical Ducts (MD), Plumbing Piping (PP):**

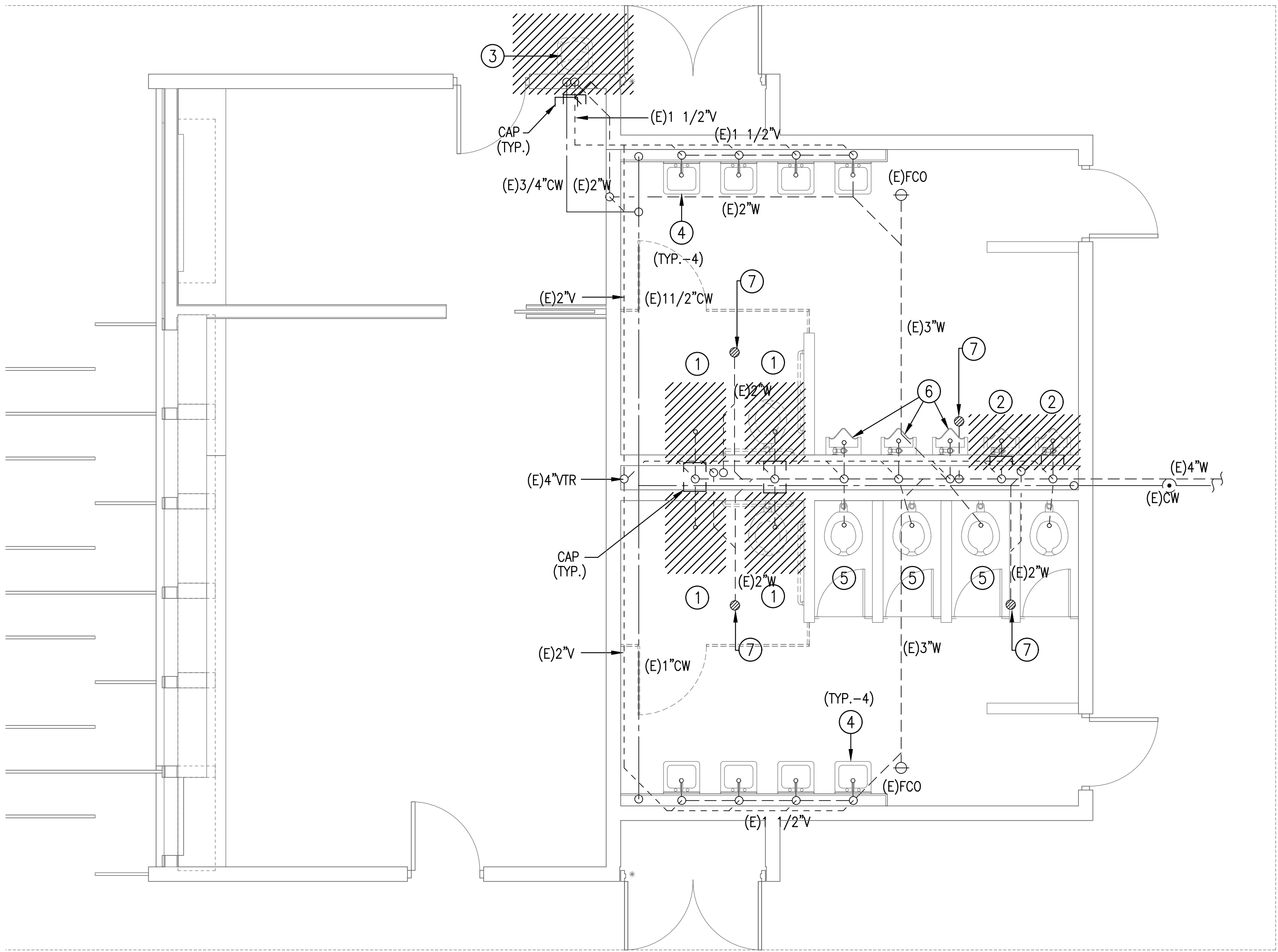
**MP ☒ MD ☒ PP ☒** – Option 1: Detailed on the approved drawings with project specific notes and details.

**MP ☒ MD ☒ PP ☐** – Option 2: Shall comply with the applicable OSHDP Pre-Approved (OPM #)           .

**MP ☒ MD ☒ PP ☐** – Option 3: Shall comply with the SMACNA Seismic Restraint Manual OSHDP Edition (2009) including any addenda. Fasteners and other attachments not specifically identified in the SMACNA Seismic Restraint Manual OSHDP Edition, are detailed on the approved drawings with project specific notes and details. The details shall account for the applicable Seismic Hazard Level 2 and Connection Level AA for the project and conditions.

P-001

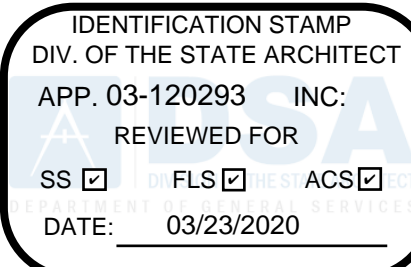




BUILDING 'V' PLUMBING DEMO PLAN  
Scale 1/4"=1' 0"



- DEMOLITION KEYNOTES:**
- EXISTING WATER CLOSET TO BE REMOVED. CAP REMAINING WATER WASTE AND VENT PIPING IN WALL AND FLUSH TO FLOOR AS REQUIRED.
  - EXISTING WATER CLOSET TO BE REMOVED. CAP REMAINING WATER WASTE AND VENT PIPING IN WALL AND FLUSH TO FLOOR AS REQUIRED.
  - REMOVE EXISTING DRINKING FOUNTAIN AS INDICATED. CAP REMAINING WATER WASTE AND VENT PIPING IN WALL AND ABANDON. PATCH WALL AS REQUIRED. SEE ARCHITECTURAL PLANS.
  - EXISTING LAVATORY TO REMAIN.
  - EXISTING WATER CLOSET TO REMAIN.
  - EXISTING URINAL TO REMAIN.
  - EXISTING FLOOR DRAIN TO REMAIN.



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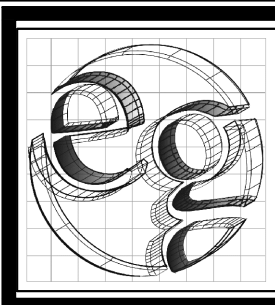
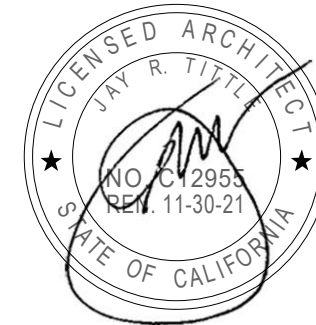
**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

**RIO MESA HIGH SCHOOL TRACK &  
FIELD IMPROVEMENTS**

**545 CENTRAL AVENUE,  
OXNARD, CA. 93036**

**KEYNOTES**

- CONNECT NEW 4" WASTE PIPING FROM WC TO EXISTING BUILDING 4" WASTE PIPING. CONTRACTOR TO FIELD VERIFY EXACT POINT OF CONNECTION.
- CONNECT NEW 2" WASTE PIPING FROM UR TO EXISTING BUILDING 4" WASTE PIPING. CONTRACTOR TO FIELD VERIFY EXACT POINT OF CONNECTION.
- CONNECT NEW 2" VENT PIPING FROM WC TO EXISTING BUILDING 2" VENT PIPING. CONTRACTOR TO FIELD VERIFY EXACT POINT OF CONNECTION.
- EXTEND 1 1/4" CW PIPING FROM EXISTING WATER PIPING IN CHASE AND CONNECT TO WATER CLOSET.
- CONNECT NEW 2"WASTE AND 1 1/2" VENT PIPING FROM NEW DRINKING FOUNTAIN TO EXISTING WASTE AND VENT PIPING IN WALL. EXTEND 1/2" COLD WATER AND CONNECT TO EXISTING WATER PIPING IN WALL.



**Engineous  
Group, Inc.**  
751 N. Fair Oaks Ave., Suite 201  
Pasadena, CA 91103  
Phone: (626) 696-3650

DSA SUBMITTAL

03/23/2020

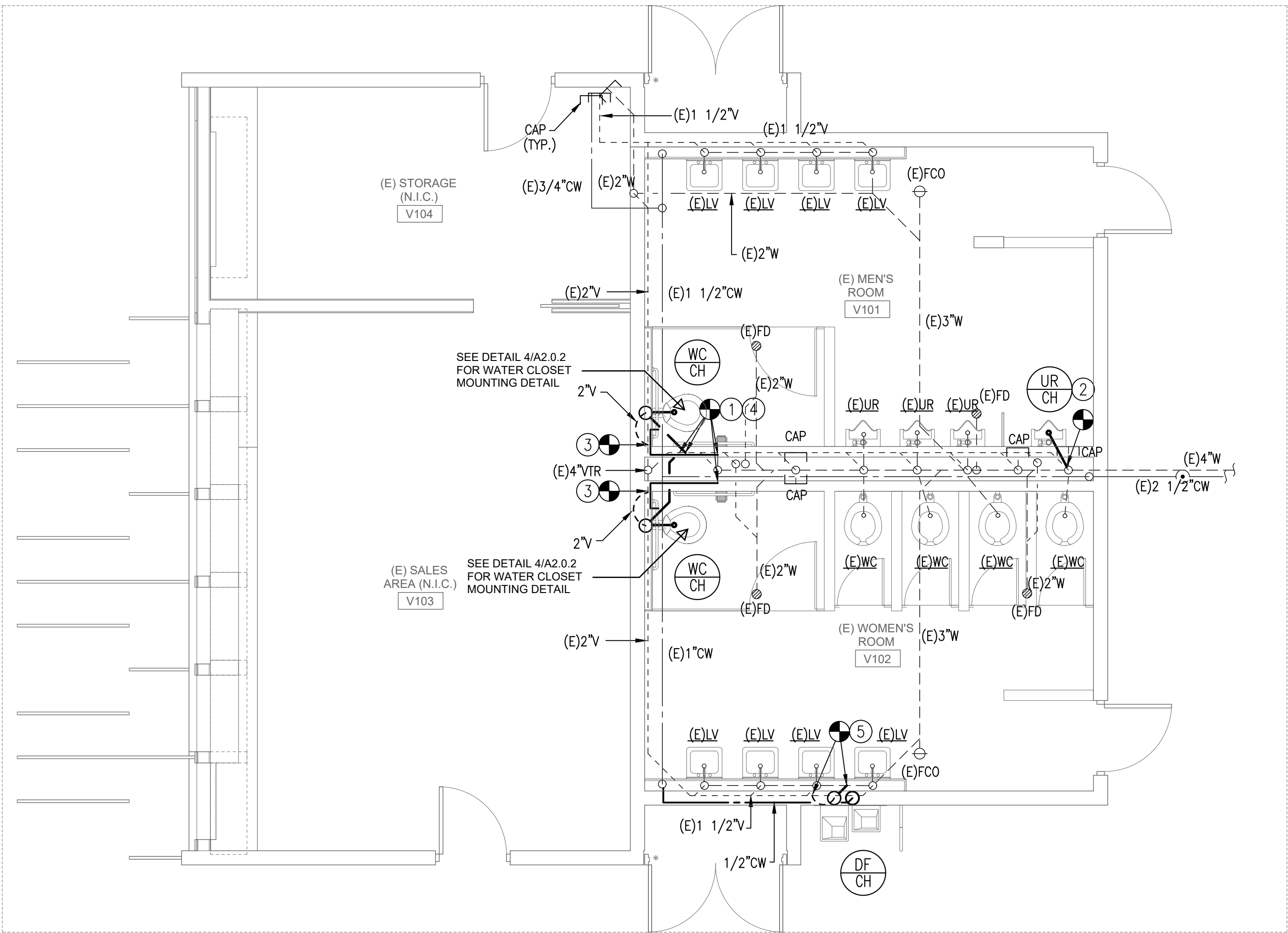
NO.	REASON	DATE

PRINCIPAL IN CHARGE  
**B.E.S./A.O.**  
PROJECT MANAGERS  
**A.O./D.E/S.A.M.**  
DESIGN TEAM  
**J.H.**

**RIO MESA HIGH SCHOOL  
TRACK & FIELD**

BUILDING  
V PLUMBING DEMO AND  
FLOOR PLANS




**P-101**



BUILDING 'V' PLUMBING FLOOR PLAN  
Scale 1/4"=1' 0"





SYMBOLS			
SWITCHES & CONTROLS		POWER	LIGHTING/CEILING
	SWITCH, SINGLE POLE +48" *	 SERVICE DISCONNECT, FUSED OR NON FUSED PER DRAWING	 LIGHT, WALL MOUNTED, HEIGHT PER DRAWING, DETAILS PER FIXTURE SCHEDULE.
	SWITCH, DIMMER, SIZE PER LOAD OR SPECIFICATION +48" *	 SERVICE DISCONNECT, MAGNETIC STARTER	 LIGHT, WALL MOUNTED, HEIGHT PER DRAWING, DETAILS PER FIXTURE SCHEDULE, EMERGENCY LIGHT IF FILLED CENTER
	SWITCH, DIMMER 0-10V +48" *	 SERVICE DISCONNECT, VFD	 LIGHT, CEILING MOUNTED, DETAILS PER FIXTURE SCHEDULE
	SWITCH, 3 WAY, SINGLE POLE +48" *	 OUTLET, SINGLE, 120V +18" * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	 LIGHT, CEILING MOUNTED, DETAILS PER FIXTURE SCHEDULE EMERGENCY LIGHT IF FILLED CENTER
	SWITCH, 4 WAY +48" *	 OUTLET, DUPLEX, 120V +18" * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	 LIGHT, CEILING MOUNTED, PENDANT, DETAILS PER FIXTURE SCHEDULE
	SWITCH, KEY +48" *	 OUTLET, HALF HOT, HALF SWITCHED, 120V +18" * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	 LIGHT, CEILING MOUNTED, PENDANT, DETAILS PER FIXTURE SCHEDULE EMERGENCY LIGHT IF FILLED CENTER
	SWITCH, PILOT LIGHT, SINGLE POLE +48" *	 OUTLET, DOUBLE DUPLEX, 120V +18" * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	 FLUSH MOUNTED DOWN LIGHT, DETAILS PER FIXTURE SCHEDULE
	SWITCH, TIMER, 2 HR. NO HOLD MANUEL TYPE UNLESS NOTED OTHERWISE +48" *	 OUTLET, DOUBLE DUPLEX, HALF HOT, HALF SWITCHED, 120V +18" * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	 FLUSH MOUNTED WALL WASH/ADJUSTABLE, DETAILS PER FIXTURE SCHEDULE
	SWITCH, VACANCY DETECTOR +48" *	 OUTLET, SINGLE, 240V SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	 IN-GRADE RECESSED UP-LIGHT, DETAILS PER FIXTURE SCHEDULE
	OCCUPANCY SENSOR SINGLE CIRCUIT WALL SWITCH +48" *	 OUTLET, SINGLE, 120/240V SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	 FLUSH MOUNTED DOWN LIGHT, SQUARE CAN, DETAILS PER FIXTURE SCHEDULE
	OCCUPANCY SENSOR DUAL CIRCUIT WALL SWITCH +48" *	 OUTLET, SINGLE, 3 PHASE SIZE AND TYPE PER CIRCUIT REQUIREMENTS OR SPECIFICATION	 FLUSH MOUNTED WALL WASH/ADJUSTABLE, SQUARE CAN, DETAILS PER FIXTURE SCHEDULE
	OCCUPANCY SENSOR SINGLE CIRCUIT DIMMER 120V WALL SWITCH - LIKE LUTRON +48" *	 OUTLET, DUPLEX, 120V, GFCI +18" * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	 LIGHT, xxxxxx, DETAILS PER FIXTURE SCHEDULE
	OCCUPANCY SENSOR SINGLE CIRCUIT DIMMER 0-10V WALL SWITCH - LIKE LUTRON +48" *	 OUTLET, DOUBLE DUPLEX, 120V, GFCI +18" * SIZE AND TYPE PER CIRCUIT REQUIREMENTS OR SPECIFICATION	 LIGHT, xxxxxx, DETAILS PER FIXTURE SCHEDULE
	CEILING MOUNTED MOTION SENSOR, ULTRA SOUND	 OUTLET, DUPLEX, 120V, FLOOR MOUNT SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	 LIGHT, xxxxxx, DETAILS PER FIXTURE SCHEDULE
	CEILING MOUNTED MOTION SENSOR, INFRARED	 OUTLET, DOUBLE DUPLEX, 120V, FLOOR MOUNT SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	 LIGHT, xxxxxx, DETAILS PER FIXTURE SCHEDULE
	CEILING MOUNTED MOTION SENSOR, COMBINATION ULTRA SOUND / INFRARED	 OUTLET, PEDCO, DUPLEX, 120V, GFCI * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	 VANITY WALL LIGHT, DETAILS PER FIXTURE SCHEDULE
	CEILING MOUNTED RELAY / POWER PACK FOR LOW VOLTAGE MOTION SENSORS, SIZE PER CIRCUIT AND SENSOR REQUIREMENTS	 OUTLET, PEDCO, DOUBLE DUPLEX, 120V, GFCI * SIZE AND TYPE PER CIRCUIT REQUIREMENTS OR SPECIFICATION	 TRACK LIGHT, DETAILS PER FIXTURE SCHEDULE
	CEILING MOUNTED RELAY SLAVE PACK FOR LOW VOLTAGE MOTION SENSOR, SIZE PER CIRCUIT AND SENSOR REQUIREMENTS	 OUTLET, PEDCO, SINGLE, 120/240V, GFCI * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	 COVE LIGHT, DETAILS PER FIXTURE SCHEDULE
	THERMOSTAT, +48" *	 OUTLET, SINGLE/2-PORT USB COMBO, 120V * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	 LIGHT, POLE-ARM, DETAILS PER FIXTURE SCHEDULE
	TIME CLOCK, POLES AND VOLTAGE AS NEEDED OR SPECIFIED	 OUTLET, 4-PORT USB * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	 LIGHT, POLE-CENTER, DETAILS PER FIXTURE SCHEDULE
	EXTERIOR-PHOTO CELL, SIZE AND VOLTAGE PER CIRCUIT OR AS SPECIFIED INTERIOR-0-10V PHOTO SENSOR RE. DAYLIGHT CONTROLLER	 OUTLET, DUPLEX EM CIRCUIT, 120V +18" * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	 LIGHT, BOLLARD SQUARE, DETAILS PER FIXTURE SCHEDULE
		 JUNCTION BOX	 LIGHT, BOLLARD ROUND, DETAILS PER FIXTURE SCHEDULE
			 LANDSCAPE UP OR DOWN LIGHT, DETAILS PER FIXTURE SCHEDULE
			 EXIT SIGN, DARK SPOT INDICATES DIRECTION THE LIGHTED FACE IS TO BE VISIBLE FROM, ARROWS INDICATE DIRECTION OF ARROWS ON THE SIGN FACE
			 EXIT SIGN, DARK SPOTS INDICATE DIRECTION THE LIGHTED FACES ARE TO BE VISIBLE FROM, ARROWS INDICATE DIRECTION OF ARROWS ON THE SIGN FACE
			 COMBINATION EXIT SIGN, EMERGENCY LIGHT WITH BATTERY BACK UP
			 EMERGENCY LIGHT, BATTERY POWERED
			 STEP/NICHE LIGHT, DETAILS PER FIXTURE SCHEDULE
			 LIGHT, WALL SMALL UP/DN-LIGHT, HEIGHT PER DRAWING, DETAILS PER FIXTURE SCHEDULE
			 ALL LIGHT FIXTURES ABOVE ARE EMERGENCY LIGHT IF FILLED CENTER
			FIRE
			 FIRE DUCT SMOKE DETECTOR
			 FIRE DUCT DAMPENER
			 FIRE MINI STROBE
			 FIRE ALARM CHIME
			 FIRE STROBE & HORN
			 FIRE ALARM PULL BOX
			WIRE TYPES
			 HOME RUN IN CABLE OR CONDUIT (PER SPECIS AND CODE), CIRCUIT AND CIRCUIT & CONDUCTOR SIZE AS NOTED, CONDUIT PER NEC OR AS NOTED
			 EXISTING WIRING TO REMAIN
			 EXISTING WIRING TO BE REMOVED
			 NEW ABOVE FLOOR WIRING
			 NEW UNDER FLOOR WIRING
			 STUB UP TO OR DOWN FROM NEXT FLOOR LEVEL
			 STUB DOWN TO OR UP FROM THE NEXT FLOOR LEVEL
			* STANDARD HEIGHT TO MEET STATE ACCESSIBILITY REQUIREMENTS AND PROVISIONS OF THE ADA IS 36" - 48" AFF FOR SWITCHES AND THERMOSTATS, 15" - 48" FOR OUTLETS, HEIGHT SHOWN IN SYMBOL LIST IS PREFERRED HEIGHT TO BE CHANGED ONLY IF PHYSICAL REQUIREMENTS OF THE STRUCTURE OR CASEWORK REQUIRE. CHANGES MUST MEET STANDARDS IF OUTLET OR SWITCH IS FOR GENERAL USAGE. OUTLET TO BE MOUNTED AT HEIGHT SHOWN ON PLAN WHEN SPECIAL PURPOSE.
SYMBOLS		SCALE: NONE	

#### GENERAL

- All work is to be performed per the 2016 issue of the California Electrical Code and the 2016 California Energy Code as accepted by the City of Oxnard and all other applicable national, state and local codes and laws pertaining to electrical work.
- All work in hazardous locations shall comply with CEC Art. 500 through 516 as applicable.
- Nothing in these notes shall be construed as circumventing any more stringent specification or requirement of the contract documents.
- Electrical Contractor shall visit the job site prior to bidding work and include in his bid the necessary costs for reworking this project according to the intent of the drawings.
- Any discrepancies between site conditions and drawings shall be brought to the attention of the project coordinator or Architect prior to bid if possible.
- Electrical work under this contract shall include all labor, materials and equipment necessary to complete the installation covered under the contract including control conduit and wiring as documented or inferred in the mechanical drawings.
- All material and equipment furnished and or installed under this contract shall be new, free from defects, and shall be guaranteed for a period of one year from the date of final acceptance by owner or his representative. Should any problems develop during this warranty period due to faulty workmanship, material defects or equipment defects or failure, the Electrical Contractor shall correct the problem and repair or replace equipment or material without cost to the owners. All work shall be executed in a workmanlike manner and shall be neat in appearance as well as functional when completed.
- Unless noted otherwise or coordinated with the General Contractor, the Electrical Contractor shall be responsible for all demolition, cutting, and patching relating to electrical work.
- State handicap requirements are to be met per standards listed in 'SYMBOL LIST'.
- Cut sheets shall be provided by Electrical Contractor for all equipment provided within contract scope of work.

#### MATERIAL and INSTALLATION

- All electrical materials and equipment are to be Underwriter's laboratory listed or listed by an equivalent nationally recognized testing laboratory accepted by the City of Oxnard. All materials shall be approved for the intended purpose and used for such purpose.
- All 600-volt insulated wire in conduits shall be copper type THHN/THWN-2 unless noted otherwise.
- All conductors size AWG #12 and smaller shall be solid, all conductors size #10 and larger shall be stranded.
- All junction boxes shall be marked (in ink) with the panel number, circuit numbers, and system voltage contain within, ('Magic Markers' are acceptable). i.e. 'LA'-1,3,5 277/480V or 'RA'-2,4,6 120/208V etc.
- All raceways shall contain secondary grounding conductors per the CEC and NEC. Circuits feeding patient care and treatment areas shall be grounded in accordance with CEC 517.
- All raceways above grade level shall be EMT or Rigid Steel conduit. All raceways below grade level shall be PVC (sch 40 or sch or Rigid Steel conduit.
- Type AC and MC cables may be used for general wiring where enclosed by walls or ceiling systems. Where wiring is required to be installed per CEC 517 cables shall be type ACH and MCH when used. Where applicable for accommodating seismic joints in building, conduits passing through these areas will contain at least 24" of liquid tight spiral steel core flexible conduit with round wire as required by code or additional notes and specifications. Flexible conduit shall contain a drop loop to allow joint to stretch or shift without breaking the conduit. Seismic areas should be avoided as much as is possible by routing underground or around the structure.
- Flexible conduits and or cable systems (type AC-90 or MC) may be used for the interconnection of lighting fixtures installed in all areas where a finished type ceiling is installed. Where ceiling is open to structure, flexible conduits and or cables are allowed only where needed to connect hanging fixtures which may be allowed to move in a seismic event.
- All site PVC conduit shall be a minimum of 24" below grade level. High Voltage conduits shall maintain 30' minimum coverage or distance needed to properly install sweep stub ups, whichever is greater.
- When conduit must cross traffic areas, the conduit shall cross perpendicular to the normal traffic pattern.
- All ballasts are to be CEC listed.
- All outdoor lighting fixtures are to be listed for wet or damp location depending on type of exposure.
- Lighting fixtures must not be recessed in fire rated assemblies unless boxed with equivalent construction.
- All light fixtures are mounted in contact with insulation shall be UL Listed for thermal barrier or be provided with minimum of 3" clearance from insulation.
- All 2x4' and 2'x2' drop in fixtures shall be supported by means of 2 #12 AWG steel wires connected between the permanent structure and 2 opposite corners of the fixture. In addition to these wires the fixture shall be securely attached to the T-bar main runners by screws or other approved means at corners adjacent to the wires. T-bar main runners shall be supported within 3' of each corner of the fixture.
- Single flush fixtures shall be supported by means of 1 #12 AWG steel wire connected between the permanent structure and the frame of the fixture. In addition to this wire the fixture shall be securely attached to the T-bar runners by screws or other factory approved means.
- When light fixtures require mounting supports in addition to normal mounting box, light fixtures shall be mounted with 1/4" toggle bolts or 1/4" metal expansion type bolts, no vinyl anchors will be accepted.
- All equipment locations are to be verified and coordinated with the suite occupants.
- All devices installed shall be specification grade ivory color. Where installed in patient care or treatment areas, devices shall be hospital rated.
- All devices shall be grounded by means of a separate grounding conductor and either a wire bond from the device strap to the box or a self-grounding screw.
- All penetrations through fire rated assemblies shall be restored to their original rating by methods approved for the purpose. Refer to Architectural drawings for location of fire rated assemblies and details of approved penetration methods. Complete NRTL Classification Sheets shall be provided to the Inspector at time of inspection.
- All circuit breakers used as switches in 120 and 277 Volt Fluorescent lighting circuits shall be listed and marked 'SWD' or 'HID'. (CEC 240.83(D))
- Each multiwire branch circuit shall be provided with a means that will simultaneously disconnect all ungrounded conductors at the point where the branch circuit originates. (CEC 210.4(B))
- The ungrounded and grounded conductors of each multiwire branch circuit shall be grouped by wire ties or similar means in at least one location within the panelboard or other point of origination. (CEC 210.4(D))
- All new overcurrent devices installed in existing panels/switchboards shall match or exceed the make, model and interrupting capacity of the existing overcurrent devices.

#### COMPLETION

- Upon completion of work, Electrical Contractor shall insure the installation to be free from short circuits, phase grounds and neutral grounds.
- All feeders shall have insulation tested prior to energization.
- All panels, transformers, distribution boards, switches, etc. shall be labeled per Single Line Diagram using plastic plates with 3/8" high white letters on black backgrounds. Label shall include item name and voltage present. Transformer label shall include both primary and secondary voltages. Label shall be permanently attached using at least (2) round head stainless steel machine screws with minimum thread size 8-32.
- Electrical Contractor shall furnish as-built drawings to Architect upon completion of work.
- Electrical Contractor shall be available for night inspection and approval of completed work.
- Prior to final energization, neutral feed shall be disconnected from the panel and bus with all load neutrals connected shall be tested in the presence of the electrical engineer for faults to ground.
- All circuit breaker, neutral and ground lug connections shall be torqued per manufacturer's specifications in the presence of the electrical inspector.
- All mandatory and optional lighting control shall be tested for proper installation and function per latest IES standards and requirements in the presence of the electrical inspector. Contractor shall pay any additional fees imposed by the inspecting authority for such certification.
- The issuance of a permit shall not prevent the Building Official from requiring the correction of errors on these plans or from preventing any violation of the codes adopted by the city, relevant laws, ordinances, rules and/or regulations.
- All emergency lighting shall be tested and shall be measured to show a level of 1ft-cd at floor level along the paths of egress.

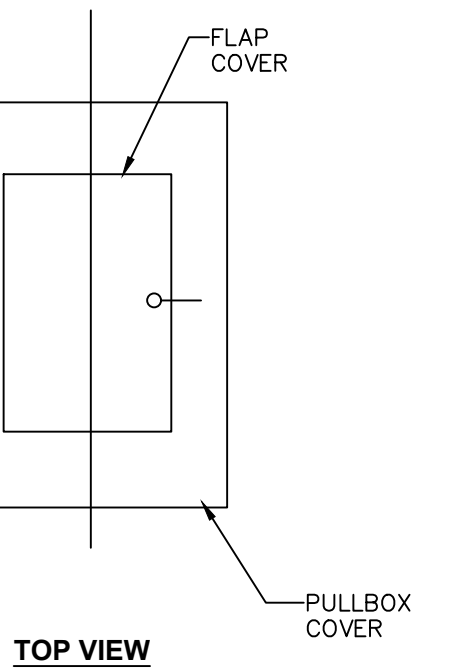
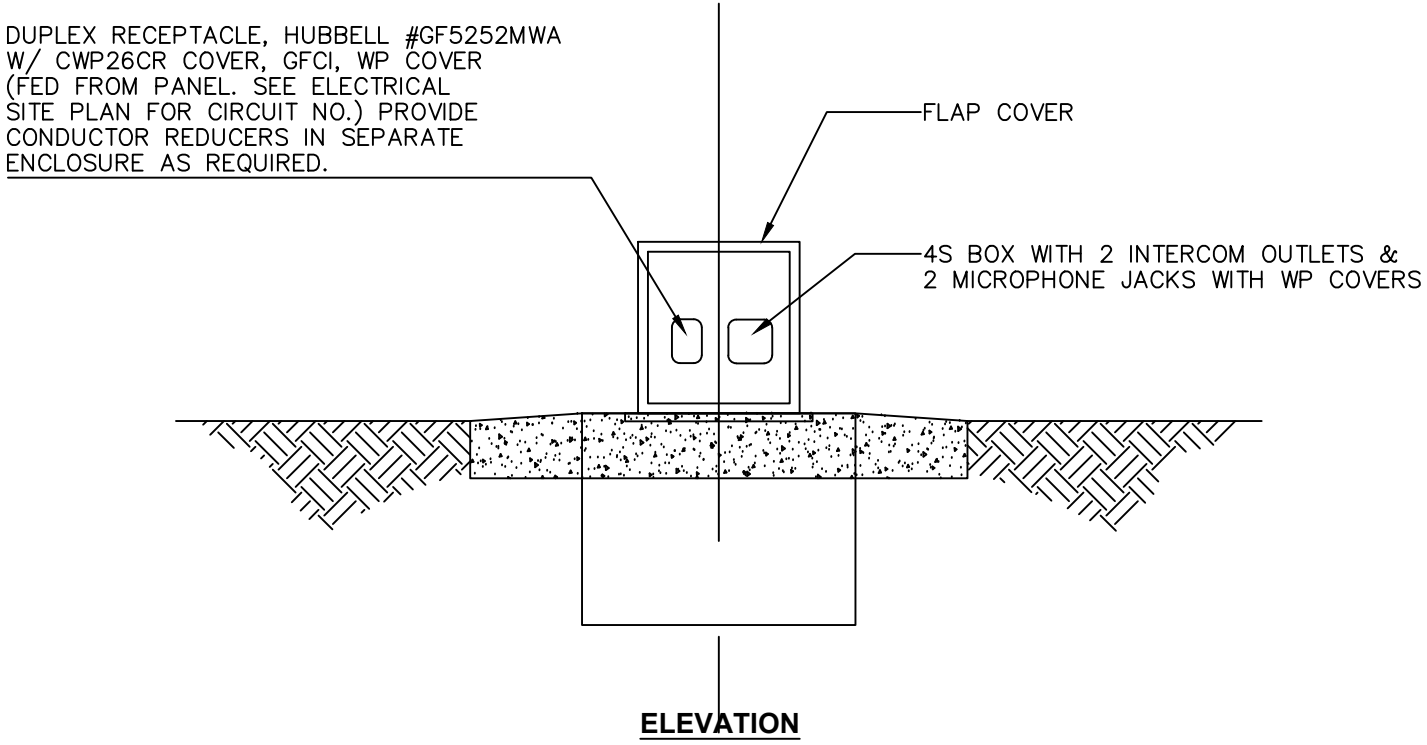
Tests for illumination and exit signs, including directional exit signs powered by either the normal premises wiring or any additionally required emergency systems shall be conducted in the presence of the building inspection staff to ensure compliance.

The test times for emergency systems shall be arranged in advance and all staffing cost associated with either pre-hours or after-hours shall be paid at this time. The testing and approval of such systems shall occur prior to the issuance of a Temporary Certificate of Approval or final approval of the project.

Approved Date:\_\_\_\_\_ Approved By:\_\_\_\_\_

### NOTES

SCALE: NONE

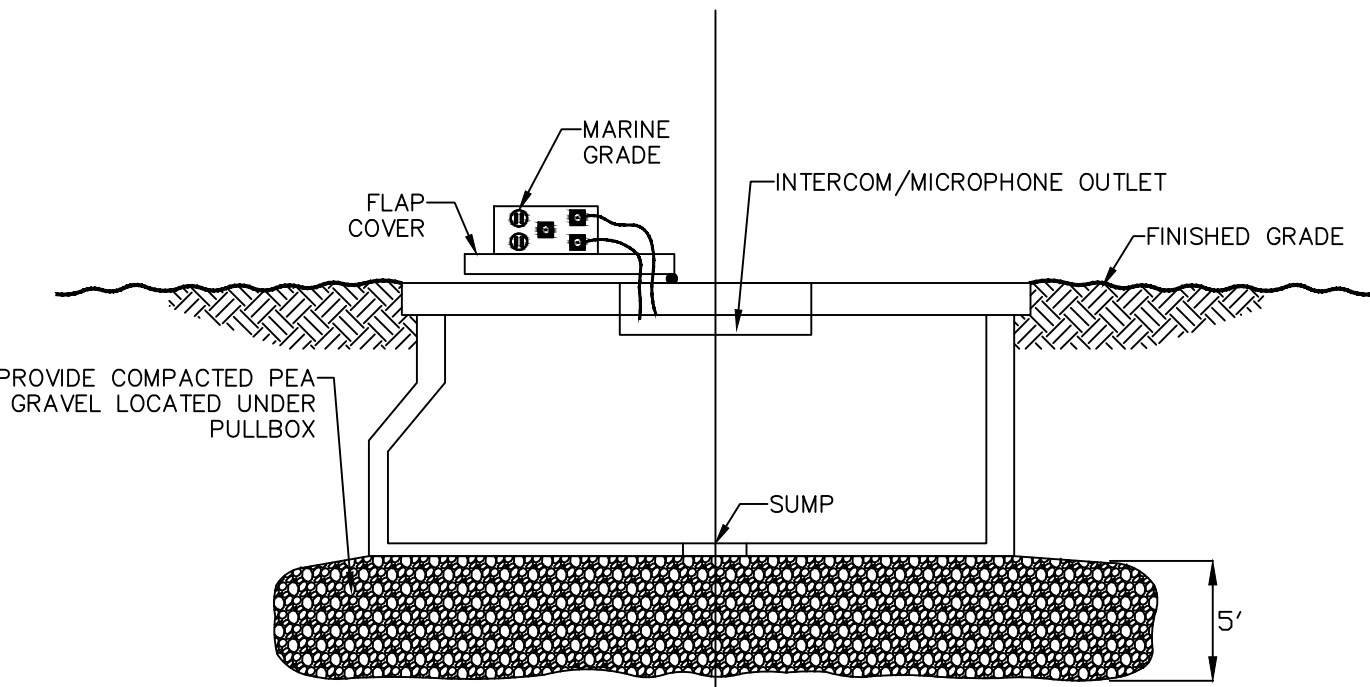


#### GENERAL NOTES

- THE TRACK SURFACE MATERIAL SHALL COVER PULLBOX COVER AND LID.
- ALL PULLBOXES NEAR TRACK SHALL BE LOCATED ON EDGE OF TRACK.

#### POWER/INTERCOM/MIC OUTLET TERMINAL DETAIL

SCALE: NONE

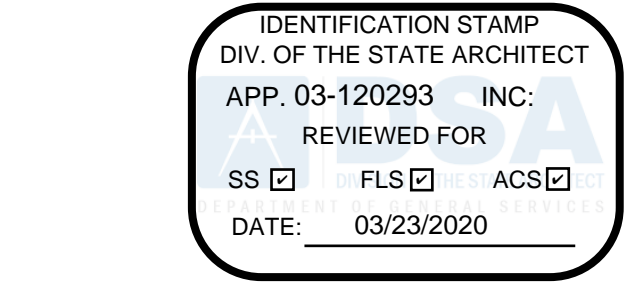


#### GENERAL NOTES

- THE TRACK SURFACE MATERIAL SHALL COVER PULLBOX COVER AND LID.
- ALL PULLBOXES NEAR TRACK SHALL BE LOCATED ON EDGE OF TRACK.

#### PULLBOX MOUNTING DETAIL

SCALE: NONE



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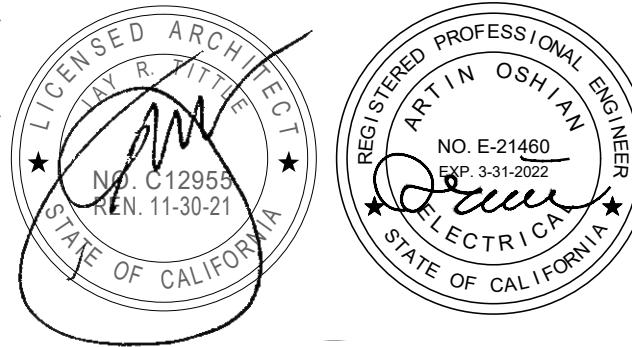
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**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

**RIO MESA HIGH SCHOOL TRACK &  
FIELD IMPROVEMENTS**

**545 CENTRAL AVENUE,  
OXNARD, CA. 93036**



#### DSA SUBMITTAL

03/23/2020

NO.	REASON	DATE

PRINCIPAL IN CHARGE  
B.E.S./A.O.  
PROJECT MANAGER  
A.O./D.E  
DESIGN TEAM  
J.H.

#### SYMBOLS AND NOTES

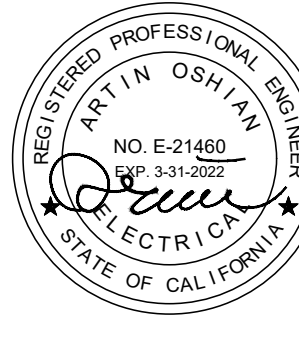
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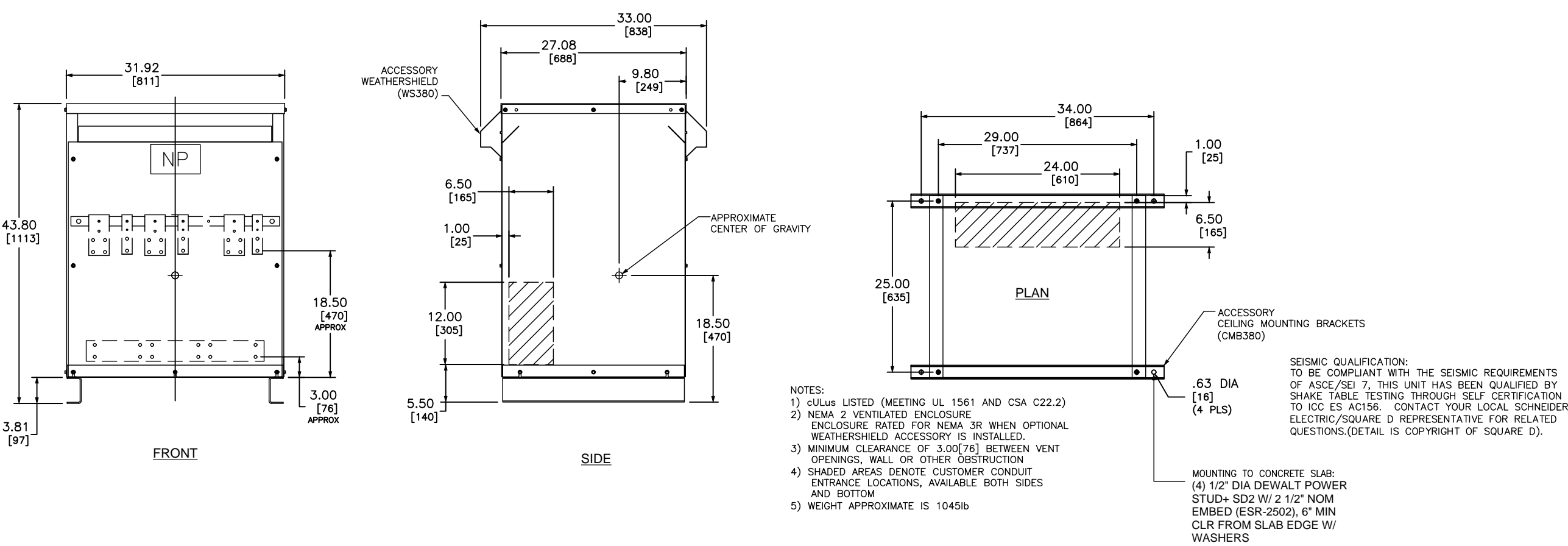
- |          |             |   |
|----------|-------------|---|
| KEYNOTES | SCALE: NONE | 7 |
|----------|-------------|---|

545 CENTRAL AVENUE,  
OXNARD, CA. 93036



ENLARGED ELECTRICAL EQUIPMENT LAYOUT	SCALE: NONE	2
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TRANSFORMER MOUNTING DETAILS	SCALE: NONE	6
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STATE OF CALIFORNIA

Outdoor Lighting

NRCC-LTO-E (Created 9/17)

CALIFORNIA ENERGY COMMISSION

NRCC-LTO-E

CERTIFICATE OF COMPLIANCE

Project Name: Rio Mesa High School

Report Page: Page 1 of 5

Project Address: 545 Central Avenue

Date Prepared: 11/13/2019

A. GENERAL INFORMATION

01 Project Location (city)

Oxnard

04 Total Illuminated Hardscape Area (ft²)

2,032

02 Climate Zone

6

03 Outdoor Lighting Zone per Title 24, Part 1 §10-114 or as designated by Authority Having Jurisdiction (AHJ):

☐ LZ-0: Very Low - Undeveloped Parkland

☐ LZ-2: Moderate - Rural Areas

☐ LZ-4: High - Must be reviewed by CA Energy Commission for Approval

☒ LZ-1: Low - Developed Parkland

☒ LZ-3: Moderately High - Urban Areas

B. PROJECT SCOPE

Table Instructions: Include any outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.7 or §141.0(b)(2) for alterations.

My project consists of:

01

☒ New Lighting System

Must Comply with Allowances from §140.7.

02

☐ Altered Lighting System

Is your alteration increasing the connected lighting load (Watts)?

☐ Yes

☐ No

FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100

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.

Calculation of Total Allowed Lighting Power (Watts) §140.7 or §141.0(b)(2)

01

02

03

04

05

06

07

08

09

General Hardscape Allowance §140.7(d)(1)

+

Per Application §140.7(d)(2)

+

Sales Frontage §140.7(d)(2)

+

Ornamental §140.7(d)(2)

+

Per Specific Area §140.7(d)(2)

OR

Existing Power §141.0(b)(2)

=

Total Allowed (Watts)

≥

Total Actual (Watts)

07 Must be ≥ 08

668.48

+

+

+

OR

=

668.48

≥

384

COMPLIES

Cutoff Compliance (See Table G for Details)

Not Applicable

Controls Compliance (See Table H for Details)

COMPLIES

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2016standards>

September 2017

STATE OF CALIFORNIA

Outdoor Lighting

NRCC-LTO-E (Created 9/17)

CALIFORNIA ENERGY COMMISSION

NRCC-LTO-E

CERTIFICATE OF COMPLIANCE

Project Name: Rio Mesa High School

Report Page: Page 2 of 5

Project Address: 545 Central Avenue

Date Prepared: 11/13/2019

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

No exceptional conditions apply to this project.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

Table Instructions: For new or altered lighting systems demonstrating compliance with §140.7 (ie Table I has expanded for input), include all luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per §141.0(b)(2), (ie Table N has expanded for input), include only new luminaires being installed and replacement luminaires being installed as part of the project scope (ie, do not include existing luminaires remaining or existing luminaires being moved).

Designed Wattage:

01

02

03

04

05

06

07

08

09

10

Name or Item Tag

Complete Luminaire Description

Watts per luminaire¹

How Wattage is determined

Total number luminaires

Luminaire Status²

Excluded per §140.7(a)

Design Watts

Cutoff Req. > 150W/ §130.2(b)³

Field Inspector

LT-C

32w Recessed Ceiling MTD. LED Light

32

Mfr. Spec¹

12

New

384

Total Designed Watts:

384

\* NOTES: Selections with a \* require a note in the space below explaining how compliance is achieved.

EX: Luminaire is lighting a statue; EXCEPTION 2 to §130.2(b).

G. CUTOFF REQUIREMENTS (BUG)

This Section Does Not Apply

H. OUTDOOR LIGHTING CONTROLS

Table Instructions: Complete this table demonstrating compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.

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. For each requirement in columns 02 through 07, do not leave the field blank, instead select NA or Exempt\* from the dropdown list to indicate not applicable or an exemption.

Table Continued

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2016standards>

September 2017

STATE OF CALIFORNIA

Outdoor Lighting

NRCC-LTO-E (Created 9/17)

CALIFORNIA ENERGY COMMISSION

NRCC-LTO-E

CERTIFICATE OF COMPLIANCE

Project Name: Rio Mesa High School

Report Page: Page 3 of 5

Project Address: 545 Central Avenue

Date Prepared: 11/13/2019

01

02

03

04

05

06

07

08

Area Description

Motion Sensor: Incandescent>100W §130.2(a)

Shut-Off §130.2(c)(1)

Auto-Schedule §130.2(c)(2)

Motion Sensor §130.2(c)(3)

Sales Frontage §130.2(c)(4)

Façade, Ornament, Outdoor Dining §130.2(c)(5)

Field Inspector

Pass

Fail

Mandatory Controls

01

02

03

04

05

06

07

08

Area Description

Motion Sensor: Incandescent>100W §130.2(a)

Shut-Off §130.2(c)(1)

Auto-Schedule §130.2(c)(2)

Motion Sensor §130.2(c)(3)

Sales Frontage §130.2(c)(4)

Façade, Ornament, Outdoor Dining §130.2(c)(5)

Field Inspector

Exterior Lighting

NA: No Incand-100W

Astronomical Timer

Yes

Yes

NA: No Sales Front Ltg

No Applicable Ltg

☐ Pass

☐ Fail

\*NOTES: Controls with a \* require a note in the space below explaining how compliance is achieved.

EX: Not permitted by health & safety to be turned off; EXCEPTION 1 to §130.2(c).

L. LIGHTING POWER ALLOWANCE (per §140.7)

Table Instructions: Please complete this table for areas using the allowance calculations per §140.7. General Hardscape Allowance is per Table 140.7-A while "Use it or lose it" Allowances are per Table 140.7.2.B. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.

01

General Hardscape Allowance

☒ Per Application

☐ Sales Frontage

☐ Ornamental

☐ Per Specific Area

Table I (below)

Table J

Table K

Table L

Table M

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A

02

03

04

05

06

07

08

09

Area Description

Area Wattage Allowance (AWA)

Perimeter Allowed Density (W/ft²)

Area Allowance (Watts)

Perimeter Length (lf)

Allowed Density (W/lf)

Linear Allowance (Watts)

Total General AWA + LWA (Watts)

Gateway #1 Perimeter

2,032

0.04

81.28

192

0.35

67.2

148.48

Initial Wattage Allowance for Entire Site (Watts):

520

Total General Hardscape Allowance (Watts):

668.48

J. LIGHTING ALLOWANCE: PER APPLICATION

This Section Does Not Apply

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2016standards>

September 2017

STATE OF CALIFORNIA

Outdoor Lighting

NRCC-LTO-E (Created 9/17)

CALIFORNIA ENERGY COMMISSION

NRCC-LTO-E

CERTIFICATE OF COMPLIANCE

Project Name: Rio Mesa High School

Report Page: Page 4 of 5

Project Address: 545 Central Avenue

Date Prepared: 11/13/2019

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This Section Does Not Apply

L. LIGHTING ALLOWANCE: ORNAMENTAL

This Section Does Not Apply

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This Section Does Not Apply

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This Section Does Not Apply

O. 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/appendixes/forms/NRCC>

YES

NO

Form/Title

Field Inspector

☒

☐

NRCC-LTO-01-E - Must be submitted for all buildings.

☐ Pass

☐ Fail

☒

☐

NRCC-LTO-02-E - Must be submitted for a lighting control system; or for an Energy Management Control System (EMCS), to be recognized for compliance.

☐ Pass

☐ Fail

P. 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

☒

☐

NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls area added to ≤ 20 luminaires.

☐ Pass

☐ Fail

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2016standards>

September 2017

STATE OF CALIFORNIA

Outdoor Lighting

NRCC-LTO-E (Created 9/17)

CALIFORNIA ENERGY COMMISSION

NRCC-LTO-E

CERTIFICATE OF COMPLIANCE

Project Name: Rio Mesa High School

Report Page: Page 5 of 5

Project Address: 545 Central Avenue

Date Prepared: 11/13/2019

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

Documentation Author Name:

Artin Oshian

Documentation Author Signature:

Company:

Engineous Group Inc.

Signature Date:

2019-11-12

Address:

751 N. Fair Oaks Ave. Suite 201

CEA/ HERS Certification Identification (if applicable):

E-21460

City/State/Zip:

Pasadena, CA 91103

Phone:

626 714 7506

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:

Artin Oshian

Responsible Designer Signature:

Company :

Engineous Group Inc.

Date Signed:

2019-11-12

Address:

751 N Fair Oaks Avenue Ste 201

License:

E-21460

City/State/Zip:

Pasadena, CA 91103

Phone:

(626) 714-7506

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2016standards>

September 2017

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OXNARD UNION  
HIGH SCHOOL  
DISTRICT

RIO MESA HIGH SCHOOL TRACK &  
FIELD IMPROVEMENTS

545 CENTRAL AVENUE,  
OXNARD, CA. 93036

DSA SUBMITTAL

03/23/2020

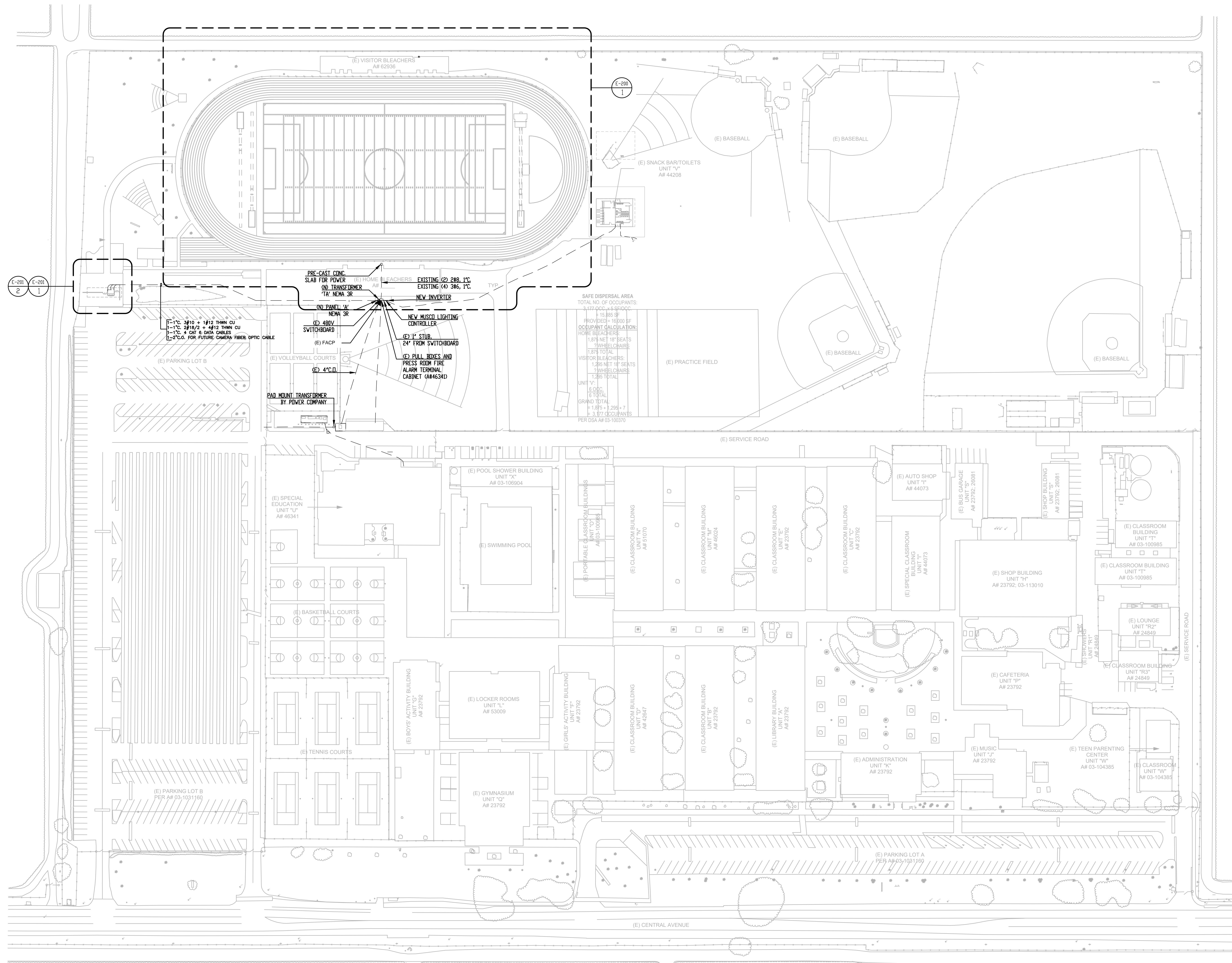
NO.	REASON	DATE

PRINCIPAL IN CHARGE  
B.E.S./A.O.  
PROJECT MANAGER  
A.O./D.E  
DESIGN TEAM  
J.H.

TITLE 24 CALCULATION

E-002





IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 03-120293 INC.  
REVIEWED FOR  
SS ☐ FLS ☐ ACS ☐  
DATE: 03/23/2020

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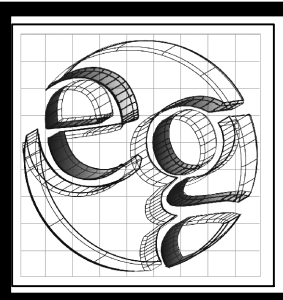
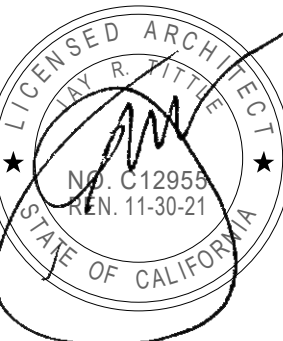
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## OXNARD UNION HIGH SCHOOL DISTRICT

### RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS

545 CENTRAL AVENUE,  
OXNARD, CA. 93036



**Engineous  
Group, Inc.**

751 N. Fair Oaks Ave., Suite 201  
Pasadena, CA 91103  
Phone: (626) 698-3850

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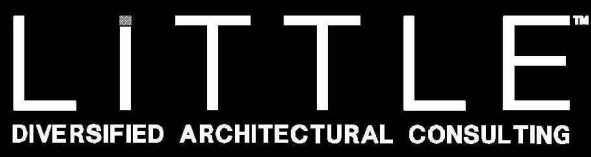
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NO.	REASON	DATE

PRINCIPAL IN CHARGE  
B.E.S./A.O.  
PROJECT MANAGER  
A.O./D.E.  
DESIGN TEAM  
J.H.

OVERALL SITE PLAN





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## RIO MESA HIGH SCHOOL TRACK & FIELD IMPROVEMENTS

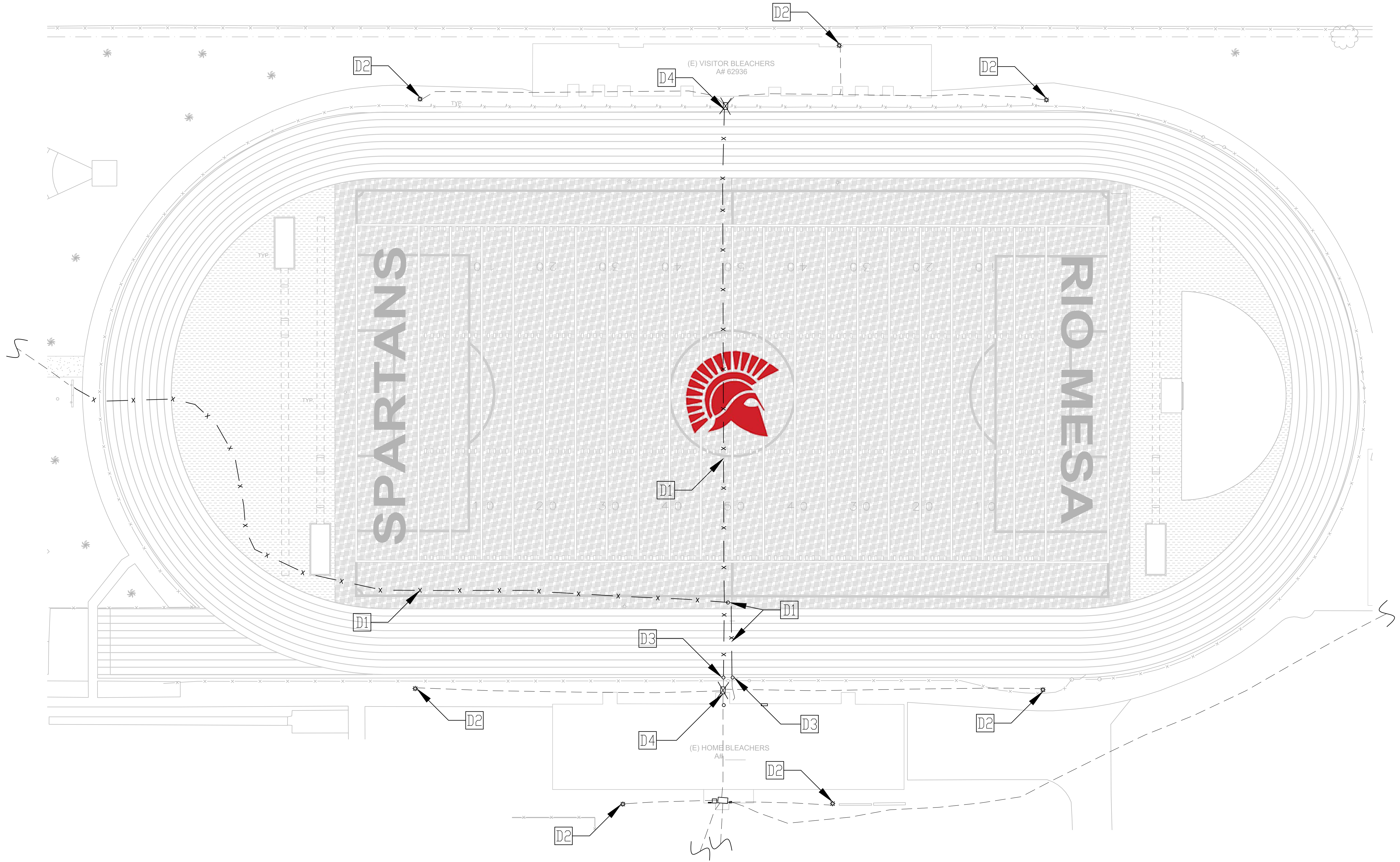
OXNARD, CA. 93036



NO.	REASON	DATE

## ENLARGED ELECTRICAL EMO SITE PLAN

ED-200



## ENLARGED ELECTRICAL DEMO SITE PLAN - TRACK & FIELD

SCALE: 1"=20'-0" | 1

DEMOLITION GENERAL NOTES

1. EXISTING CONDITIONS SHOWN ARE FROM AVAILABLE RECORDS AND SITE INVESTIGATION AS LIMITED BY STRUCTURAL CONDITIONS.
2. ANY CONDUITS AND EQUIPMENT SHALL REMOVED TO BE IN USE FOR THE BUILDING OPERATION SHALL BE REPAIRED AS NEEDED PRIOR TO BEGINNING NEW WORK.
3. ANY LIVE CONDUITS OR SERVICES SHALL BE DE-ENERGISED AND TERMINATED OR REDROUTED PRIOR TO BEGINNING OF NEW WORK.
4. ANY WORK THAT REQUIRES ANY ELECTRICAL, LOW VOLTAGE, MECHANICAL, COMMUNICATION OR FIRE ALARM SERVICES TO BE SHUT OFF TO ANY AREA SHALL BE COORDINATED WITH THE SCHOOL DISTRICT AND SCHEDULED FOR NON SCHOOL HOURS.

DEMOLITION PLAN KEYED NOTES (NOT ALL MAY APPLY)	
D1	ELECTRICAL CONTRACTOR SHALL VERIFY LOCATION AND SIZING OF EXISTING JUNCTION BOXES, CONDUITS, AND CONDUCTORS, PRIOR REMOVING AND DEMOLISHING FROM EXISTING AREA.
D2	EXISTING LIGHT POLE TO BE RETROFITTED. CONTRACTOR SHALL VERIFY EXISTING CONDITION AND NEW REQUIREMENTS WITH DISTRICT, PRIOR BID/CONSTRUCTION.
D3	DEMOLISH EXISTING CONDUIT AND CONDUCTOR AND STUB OUT FOR NEW WORK.
D4	EXISTING PULL BOXES TO BE REMOVED.

## DEMO PLAN NOTES

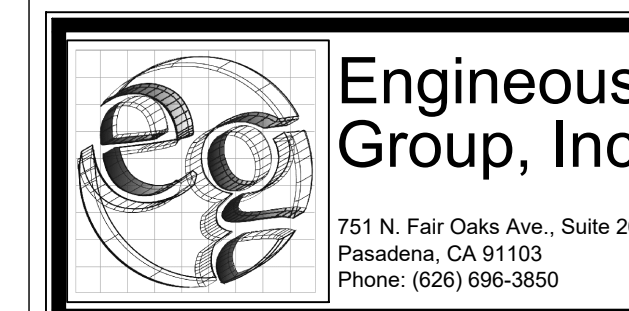
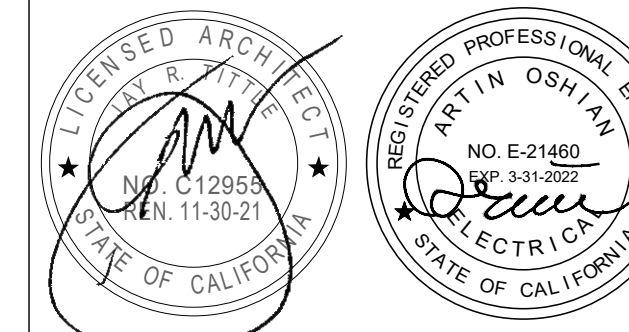
SCALE: NONE



**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

**RIO MESA HIGH SCHOOL TRACK &  
FIELD IMPROVEMENTS**

545 CENTRAL AVENUE,  
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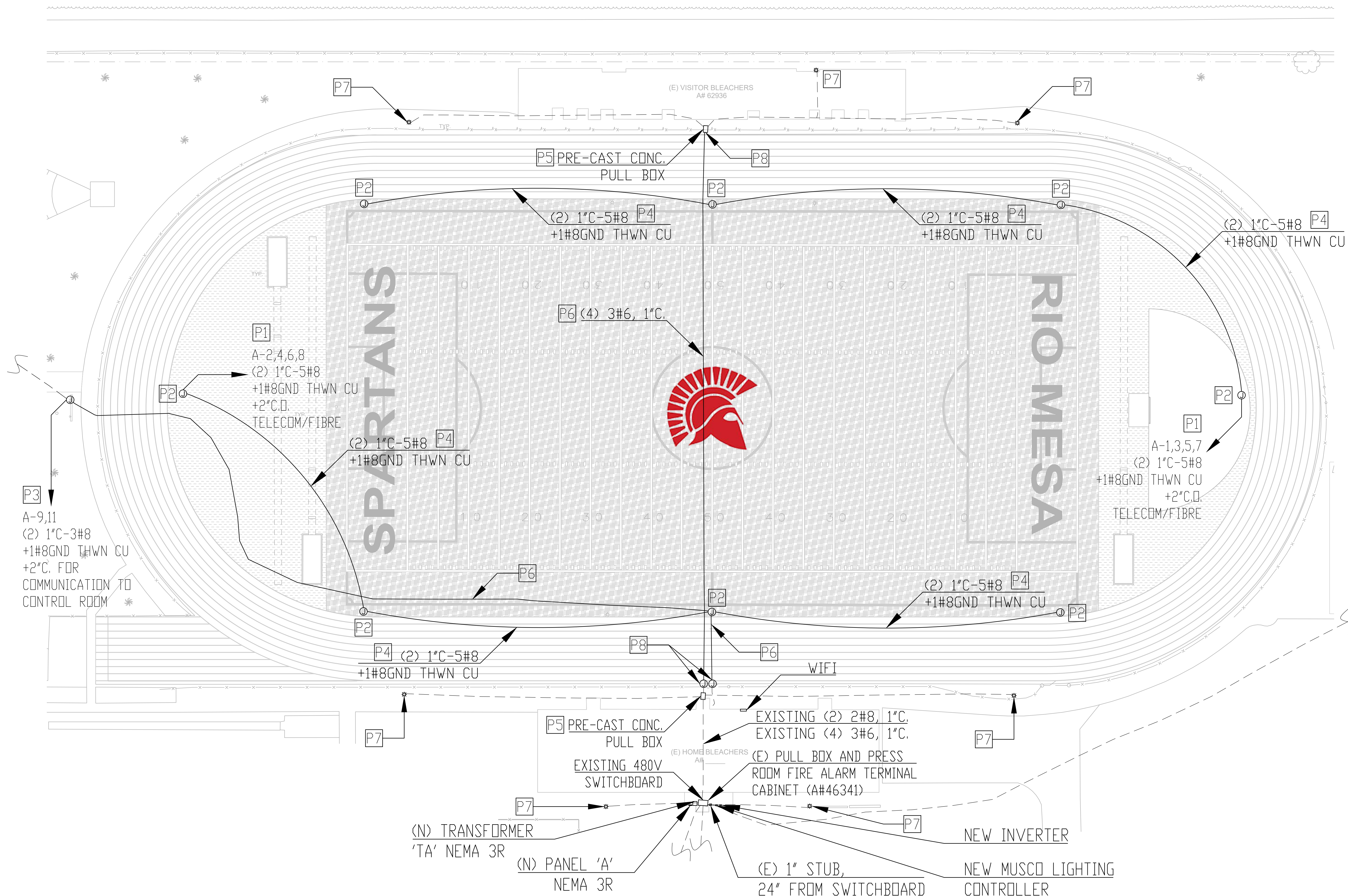
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NO.	REASON	DATE

PRINCIPAL IN CHARGE  
B.E.S./A.O.  
PROJECT MANAGER  
A.O./D.E  
DESIGN TEAM  
J.H.

ENLARGED ELECTRICAL  
SITE PLAN

E-200



ENLARGED ELECTRICAL SITE PLAN - TRACK & FIELD

SCALE: 1"=20'-0"

1

POWER GENERAL NOTES

- ALL CONDUITS SHALL BE RUN NEATLY AND PARALLEL OR PERPENDICULAR TO STRUCTURAL MEMBERS. CONDUIT ROUTING SHOWN ON PLAN IS DIAGRAMMATIC AND IS INTENDED TO SHOW POSSIBLE FUNCTIONAL ROUTE OF CONDUITS AND CONDUCTORS. IN SOME CASES THE DRAWING SHOWS ROUTING WHICH MAY NOT BE PARALLEL OR PERPENDICULAR TO BUILDING STRUCTURAL MEMBERS. THIS IS FOR CLARITY OF CIRCUITING AND NOT INTENDED TO APPROVE ANY DEVIATION FROM NEAT WORKMANSHIP.
- COMBINING OF HOMERUNS AND OTHER CIRCUITS OTHER THAN WHAT IS SHOWN ON PLAN WILL NOT BE APPROVED.
- CONDUITS AND ROUTING FOUND OBJECTIONABLE BY THE ARCHITECT WILL BE REWORKED AT ELECTRICAL CONTRACTORS EXPENSE.
- ELECTRICAL CONTRACTOR SHALL PROVIDE APPROVED SEISMIC STRUCTURAL SUPPORTS AS CURRENTLY ADOPTED BY IBC OR CBC WHERE APPLICABLE FOR ALL FIXTURES, BOXES AND OTHER ELECTRICAL EQUIPMENT.
- ELECTRICAL CONTRACTOR SHALL VERIFY LOCATIONS AND MOUNTING HEIGHTS OF ALL OUTLETS AND EQUIPMENT WITH ARCHITECTURAL PLANS, ELEVATIONS AND DETAILS.

POWER PLAN KEYED NOTES (NOT ALL MAY APPLY)

- P1** (2) 1" 5#8+1#8GND THWN CU +2" CONDUIT FOR TELECOM/FIBER USE TO NEAREST POWER PANEL. CONDUITS SHALL BE BURIED 24" BELOW GRADE ENCASED IN CONCRETE. CONTRACTOR SHALL VERIFY EXISTING UNDERGROUND CONDUITS TO BE USED OR INTERCEPTED TO CLOSEST POWER PANEL, IF POSSIBLE, PRIOR BID/CONSTRUCTION.

- P2** NEW JUNCTION BOXES TO BE (24"x36") FOR POWER/TV/DATA/PA INSTALLED BELOW GRADE OUTDOOR RATED WITH RUBBERIZED TRACK SURFACE MATCHING EXISTING TYPE AND COLOR OF THE TRACK. CONTRACTOR SHALL VERIFY DISTRICT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

- P3** (2) 1" 5#8+1#8GND THWN CU +2" CONDUIT FOR SCOREBOARD COMMUNICATION USE, TO NEAREST POWER PANEL. CONDUITS SHALL BE BURIED 24" BELOW GRADE ENCASED IN CONCRETE.

- P4** (2) 1" 5#8+1#8GND THWN CU +2" FIBER BETWEEN JUNCTION BOXES. CONDUITS SHALL BE BURIED 24" BELOW GRADE. CONTRACTOR SHALL VERIFY EXISTING UNDERGROUND CONDUITS TO BE USED OR INTERCEPTED, IF POSSIBLE, PRIOR BID/CONSTRUCTION.

- P5** NEW PULL BOXES TO BE INSTALLED AND REPLACE EXISTING. PULL BOXES SHALL BE BURIED 24" BELOW GRADE ENCASED IN CONCRETE.

- P6** NEW CONDUCTORS/CONDUITS TO BE BURIED 24" BELOW GRADE ENCASED IN CONCRETE. PRIOR INSTALLATION, CONTRACTOR SHALL VERIFY EXISTING UNDERGROUND CONDUITS TO BE USED OR INTERCEPTED, IF POSSIBLE, PRIOR BID/CONSTRUCTION.

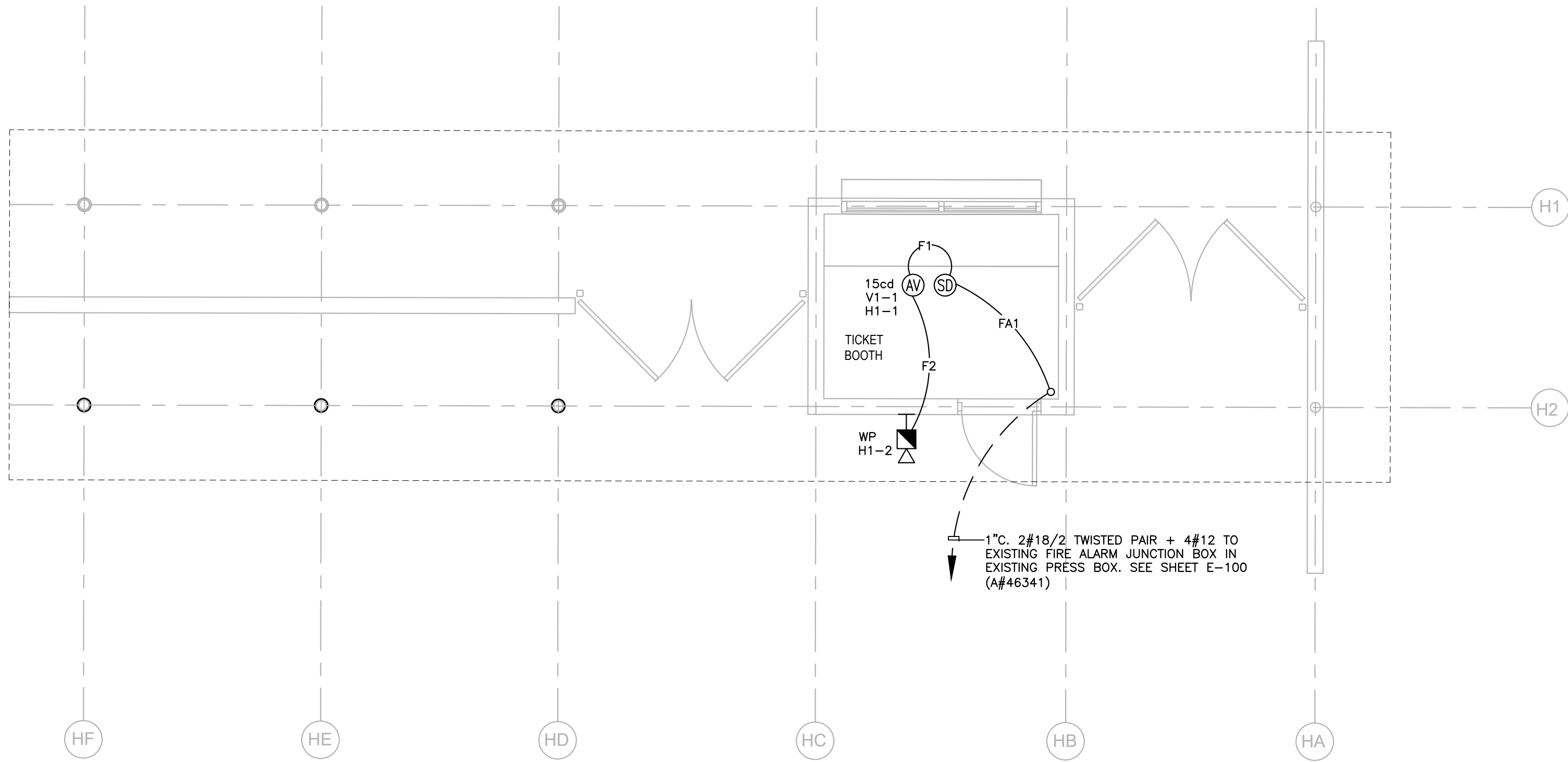
- P7** EXISTING LIGHT POLE TO BE RETROFITTED. CONTRACTOR SHALL VERIFY EXISTING CONDITION AND NEW REQUIREMENTS WITH DISTRICT PRIOR BID/CONSTRUCTION.

- P8** INTERCEPT NEW CONDUITS AND CONDUCTORS WITH EXISTING CONDUCTORS AND CONDUITS.

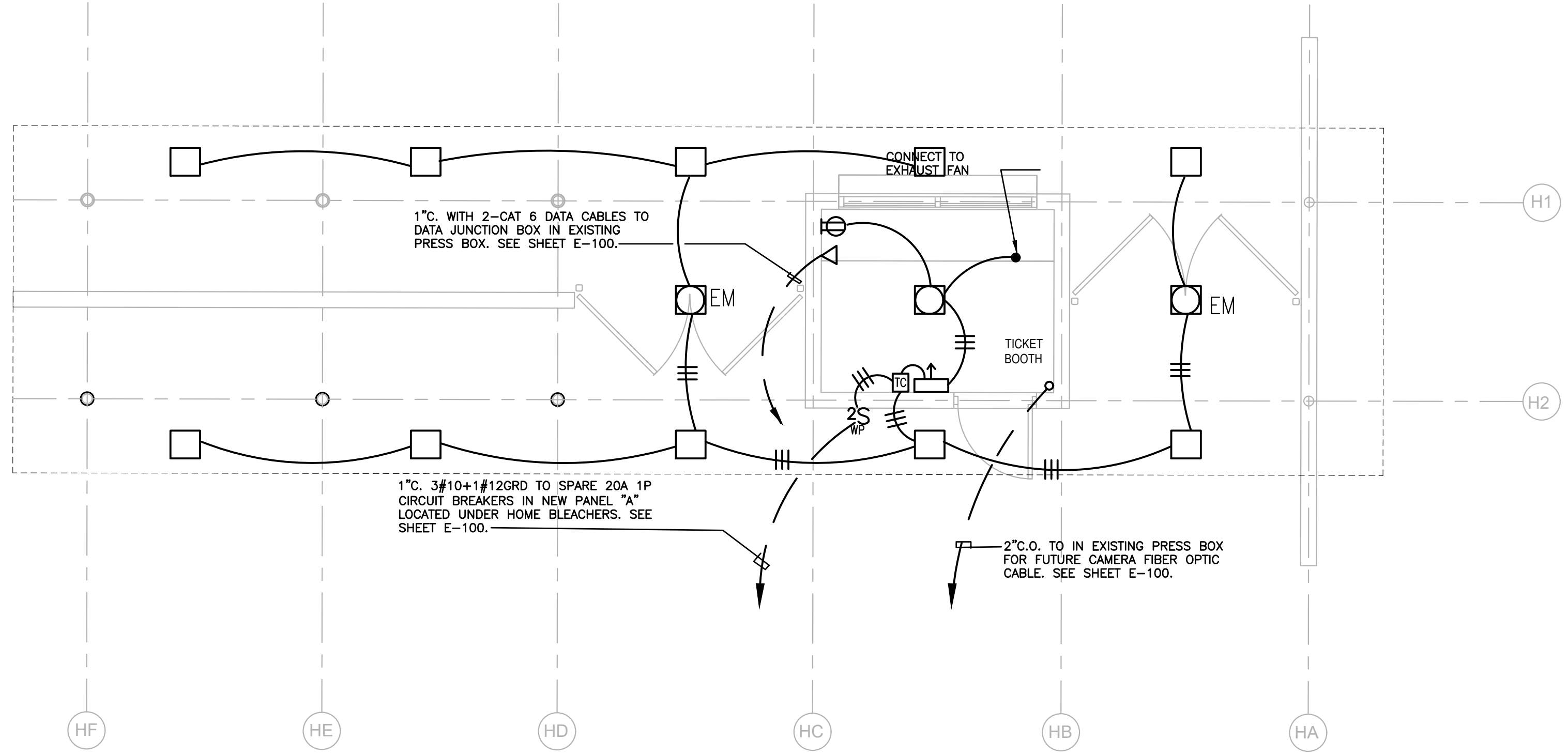
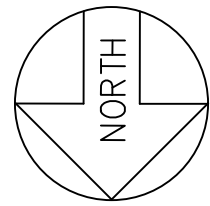
POWER PLAN NOTES

SCALE: NONE

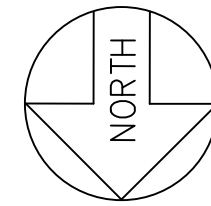




GATEWAY #1 FIRE ALARM PLAN  
Scale 1/4" = 1'-0"



GATEWAY #1 LIGHTING AND POWER PLAN  
Scale 1/4" = 1'-0"



GATEWAY #1 FIRE ALARM PLAN

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

2

LEGEND

- Ⓢ ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR, SILENT KNIGHT SD505-APS CSFM#7272-0559:0129 (STANDBY .55mA/ALARM .55mA)
- Ⓢ AUDIO/VISUAL DEVICE, GENTEX #GEC3-12-2415WR CSFM#7135-0569:0122 15 CANDELA @ 0.055A.
- WP WEATHERPROOF EXTERIOR HORN W/ WBB BOX, WHEELLOCK MT 12-24 WP BOX CSFM#7135-0785:0118 @ 0.049A.

WIRING LEGEND

- FA1 1" C. (2) 2#18/2 TWISTED PAIR + 4#12
- F2 3/4" C. 4#12
- F1 3/4" C. 8#12

GATEWAY #1 LIGHTING AND POWER PLAN

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

1

LIGHTING FIXTURE SCHEDULE

TYPE	SYMBOL	LAMP	DESCRIPTION	MANUFACTURER/ CATALOG NO.	ALTERNATE MANUFACTURER/ CATALOG NO.
C	□	LED 4000K	RECESSED SQUARE UNDER CANOPY LED FIXTURE WITH SQUARE TAMPERED GLASS LENS WITH CLEAR POLYCARBONATE BOTTOM LENS AND TAMPERPROOF SCREWS. UL LISTED FOR DAMP LOCATION. TOTAL WATTS = 36	KENALL #MS15FD-PP-MW-25L40K-DV OR APPROVED EQUAL	EQUIPE DAY-BRITE
CE	□ EM	LED 4000K	SAME AS TYPE "C" EXCEPT WITH INTEGRAL 90 MINUTE EMERGENCY BATTERY BACK UP.	KENALL #MS15FD-PP-MW-25L40K-DV -LEL OR APPROVED EQUAL	EQUIPE DAY-BRITE

LIGHTING FIXTURE SCHEDULE NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING RECESSED LUMINAIRES WITH THE CEILINGS INTO WHICH THEY ARE TO BE INSTALLED, REGARDLESS OF THE MANUFACTURERS' PRODUCT NUMBERS SPECIFIED.
- RECESSED INCANDESCENT AND COMPACT FLUORESCENT, AND HID LUMINAIRES ARE SPECIFIED TO INCLUDE PROVISION FOR THROUGH-CIRCUIT WIRING. CONTRACTOR MUST VERIFY SUITABILITY OF EACH LUMINAIRE RELATING TO CIRCUIT WIRES AND LOCAL CODE REQUIREMENTS.
- LUMINAIRES AND CONNECTIONS TO BUILDING CONSTRUCTION MUST CONFORM TO APPLICABLE SEISMIC CODES, PROVIDE ALL SEISMIC #12 HANGER WIRES AND SCREWS PER LOCAL AUTHORITY HAVING JURISDICTION.
- EACH RECESSED INCANDESCENT LUMINAIRE IS TO BE SUPPLIED WITH A THERMAL RESETTNG DEVICE OR AS OTHERWISE NECESSARY TO MEET THE REQUIREMENTS OF REC PARAGRAPH 410-45 (C).
- VERIFY EXACT QUANTITY AND LOCATION FOR ALL LIGHT FIXTURES PER ARCHITECTURAL REFLECTED CEILING PLAN PRIOR TO BID.
- ALL LIGHT FIXTURES OPERATING VOLTAGES SHALL BE CONFIRMED WITH LIGHTING PLANS BRANCH CIRCUITRY.
- CONTRACTOR SHALL PROVIDE ALL MOUNTING HARDWARE AS REQUIRED AND AS NECESSARY TO INSURE PROPER INSTALLATION OF EACH LIGHT FIXTURE AS TO THEIR RESPECTIVE CEILING CONDITION.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 03-120293 INC.  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 03/23/2020

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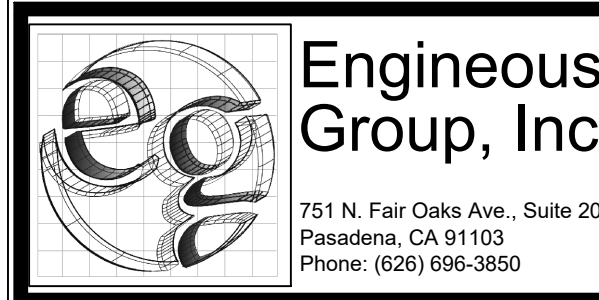
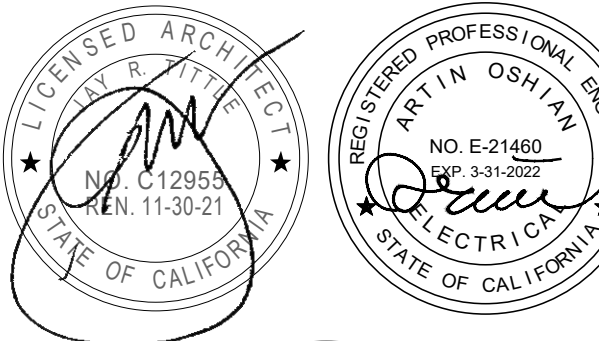
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**OXNARD UNION  
HIGH SCHOOL  
DISTRICT**

**RIO MESA HIGH SCHOOL TRACK &  
FIELD IMPROVEMENTS**

**545 CENTRAL AVENUE,  
OXNARD, CA. 93036**



DSA SUBMITTAL

03/23/2020

NO.	REASON	DATE

PRINCIPAL IN CHARGE

B.E.S./A.O.

PROJECT MANAGER

A.O./D.E.

DESIGN TEAM

J.H.

ENLARGED GATEWAY  
ELECTRICAL PLANS



GENERAL NOTES:

SCOPE OF WORK

Remove all existing light fixtures & cross-arm support from top of (7) existing poles and replace with new light fixtures, new cross-arm supports as indicated. Remove existing ballast boxes & add ballast boxes as indicated.

APPLICABLE BUILDING CODE

All construction and workmanship shall conform to the 2016 California Building Code, California Code of Regulations – Title 24, Parts 1 & 2.

This pole and foundation standard has been designed for lateral loads on the completed structure as follows:

- Wind Design Data:
- Vult = 110 MPH (Exposure C); Vasd = 85 MPH (Exposure C)
  - Risk Category = II

Seismic Design Data:

- Ie = 1.0
- Risk Category = II (Self Supporting Poles)
- Ss = 2.613
- Si = 1.081
- Site Class = D
- Sx = 1.875
- Se = 1.081
- Seismic Design Category = E
- Basic Seismic-Force-Resisting System = Non-Building Structure, not similar to buildings
- Cs = 0.577 (STRENGTH LEVEL)
- R = 1.5
- Analysis Procedure = Equivalent Lateral Force Procedure
- See Pole Foundation Schedule for maximum pole seismic forces.

GENERAL CONSTRUCTION

These notes shall be used in conjunction with the plans and any discrepancies shall be brought to the attention of the Engineer.

Contractor must check all dimensions, clearances and job conditions before starting work. Engineer shall be notified immediately of any discrepancies or possible deficiencies.

The drawings and specifications represent the finished structure. All bracing, temporary supports, shoring, etc., is the sole responsibility of the Contractor. Observation visits to the job site by the Engineer do not include inspection of construction procedures. The Contractor is solely responsible for all construction methods and for safety conditions at the worksite. These visits shall not be construed as continuous and detailed inspections.

Design, material, equipment, and products other than those described below or indicated on the drawings may be considered for use, provided prior approval is obtained from the School District, Engineer, and the Division of the State Architect.

All changes in approved plans shall be made by means of construction change documents (CCD) approved by the Division of State Architect, as required by Section 4-338, Part 1, Title 24, CCR. All CCD documents shall be signed by the Architect and Owner. Addenda shall be signed by the design professional in general responsible charge.

Substitutions shall be considered as a CCD and shall be approved by DSA prior to fabrication or use.

A Class 1 or Class 2 Project Inspector employed by the District (Owner) and approved by the Division of State Architect shall provide continuous inspection of the work, the duties of the Inspector are defined in Section 4-342, Part 1, Title 24, CCR.

All Tests And Inspections shall be performed by an Independent lab employed by the School District and approved by DSA.

Reference pole location drawings provided by the Architect, Structural Engineer, or Electrical Engineer for actual pole placement and site location.

STEEL POLE

All miscellaneous structural steel items conform to AISC 360-10.

All weldment conforms with AWS D1.1 specification for GMAW fillet utilizing E70S-X filler metal or SAW fillet utilizing F7XX-EXXX or F8XX-EXXX filler metal. GMAW procedure conforms to AWS A5.18. SAW procedure conforms to AWS A5.23.

All field welding shall be in compliance with AWS D1.1 specification.

All welding shall be continuously inspected by an AWS CWI certified inspector approved by DSA.

All exposed steel shall be hot dipped galvanized to ASTM A123 latest standards.

TESTING AND INSPECTION

Testing and inspection in accordance with Title 24, Part 1 & Part 2.

STEEL MATERIALS:

Structural steel – 2203A.1 & 2205A.1  
Cold formed steel – 2210A.1  
Identification – 2203A.1

STEEL QUALITY:

Tests of structural steel & cold formed steel – 2203A.1  
Non-destructive weld tests – 1705A.2.5 & DSA IR-17-2

STRUCTURAL STEEL INSPECTIONS: Table 1705A.2.1  
Shop fabrication inspection – 1704A2.5  
Welding – 1705A.2.5, DSA IR 17-3 and AWS D1.1.

NOTE: Field verify existing pole conditions & repair any defects, if found. Repair procedures and details to be reviewed and approved by Structural Engineer of Record and DSA.

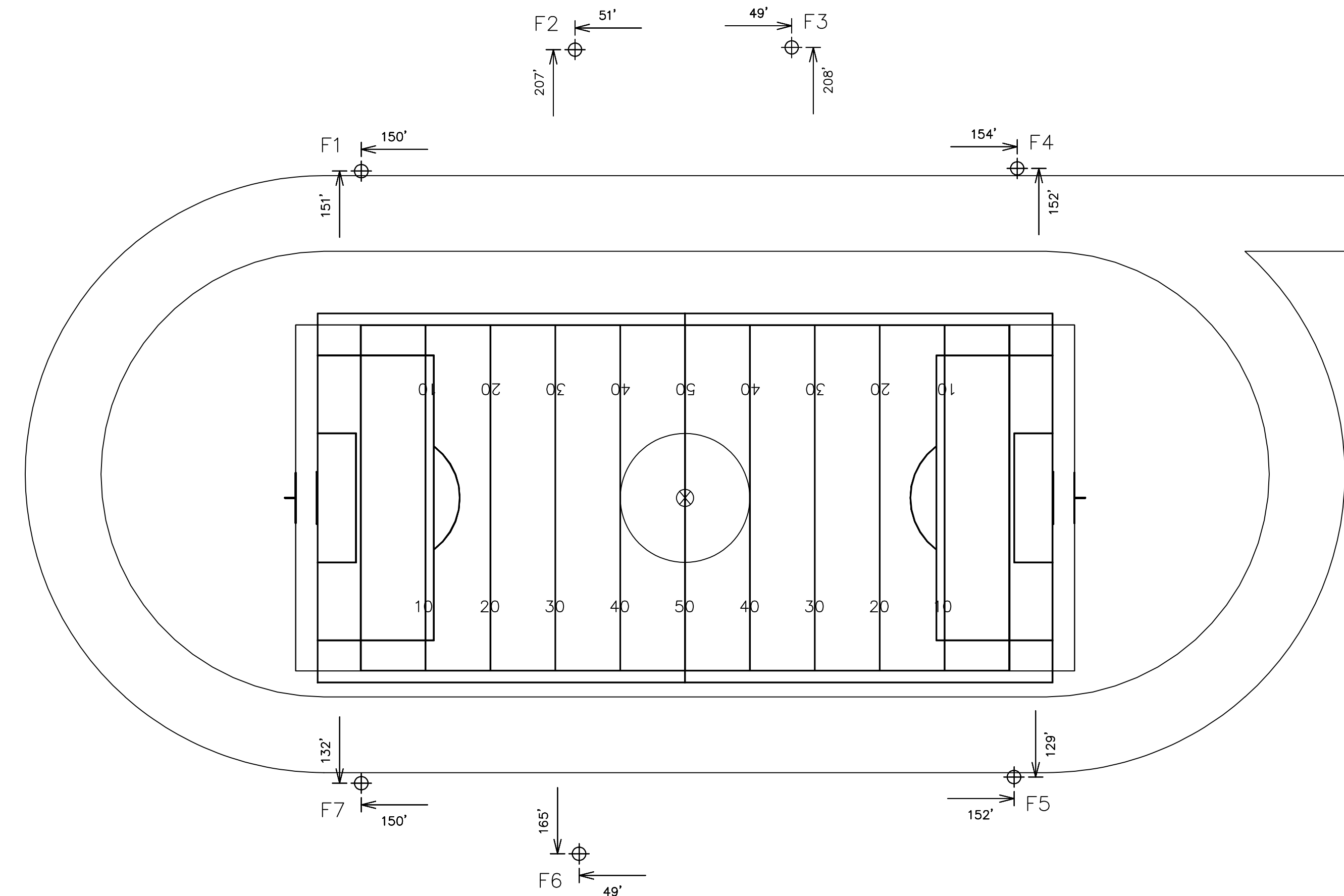
These plans are for construction approval. An application number and approval of these drawings by the Division of The State Architect of California must be secured to build from these plans.

INDEX OF SHEETS

MT1 NOTES, RETROFIT CONFIGURATION

MS1 70’ POLE DETAILS

MS2 90’ POLE DETAILS



POLE ORIENTATION PLAN

N.T.S.

NOTE: THIS PLAN IS A PICTORAL REPRESENTATION OF THE SITE LAYOUT. REFERENCE APPROPRIATE ARCHITECTURAL SITE PLAN FOR ALL NECESSARY INFORMATION.

Existing Pole (As-Built)	Type Fixtures	Number fixtures	EPA/Fixture sq ft <sup>(1)</sup>	Total EPA sq ft	Weight/fixture lbs <sup>(1)</sup>	Total Fixtures Weight lbs	Weight Elect. Ballast Per Fixture lbs	Total ballast Weight lbs	Pole weight lbs	Total weight lbs	Max. % Weight Difference	Max. % EPA Difference
F1, F4, F5, F7	Light Fixtures	12	2.3	27.3	33	400	-	-	4,375	4,775		
F2, F3, F6	Light Fixtures	12	2.3	27.3	33	400	-	-	5,625	6,025		
Existing Pole (As-Modified)	Type Fixtures	Number fixtures	EPA/ Fixture sq ft	Total EPA sq ft	Weight/fixture lbs	Total Fixtures Weight lbs	Weight Elect. Driver Per Fixture lbs	Total Elect. Driver Weight lbs	Pole weight lbs	Total weight lbs	8.1	-9.8
F1, F4, F5, F7	LED1500	5	3.4	16.9	92.8	464	20	140	4,375	5,161		
	LED575	2	2.3	4.5	54.5	109	-	-	-	-		
	Speaker	1	3.2	3.2	73.0	73	-	-	-	-		
F6	LED1500	5	3.5	17.4	92.8	464	20	160	5,625	6,443	6.9	-10.1
	LED600	2	2.0	3.9	60.5	121	-	-	-	-	5.8	-14.5
	Speaker	1	3.2	3.2	73.0	73	-	-	-	-		
F2, F3	LED1500	5	3.5	17.4	92.8	464	20	140	5,625	6,373		
	LED600	1	2.7	2.7	71.0	71	-	-	-	-		
	Speaker	1	3.2	3.2	73.0	73	-	-	-	-		

1. EPA & WEIGHTS OF EXISTING FIXTURES WERE TAKEN FROM ORIGINAL CALCULATIONS (A#35186).

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 03-120293 INC.  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 03/23/2020

Rio Mesa HS FB  
FIELD LIGHTING  
Oxnard, CA

REGISTERED PROFESSIONAL ENGINEER  
No. 4506  
Exp. 6-30-21  
STATE OF CALIFORNIA  
CONSULTANT  
KNA STRUCTURAL ENGINEERS  
9931 Mulholland Boulevard, Suite 200  
Beverly Hills, CA 90212  
WWW.KNASTRUCTURAL.COM  
KNA JOB NO.: 38-1541

MUSCO  
Lighting

CORPORATE OFFICE:  
P.O. Box 808  
100 1st Avenue West  
Oskaloosa, Iowa 52577  
800/825-6020

DRAWING TITLE: SCALE: SEE PLAN  
NOTES, RETROFIT CONFIGURATION

REVISIONS:

REFERENCE:

PROJECT NO. 201831

DATE: 03/23/2020

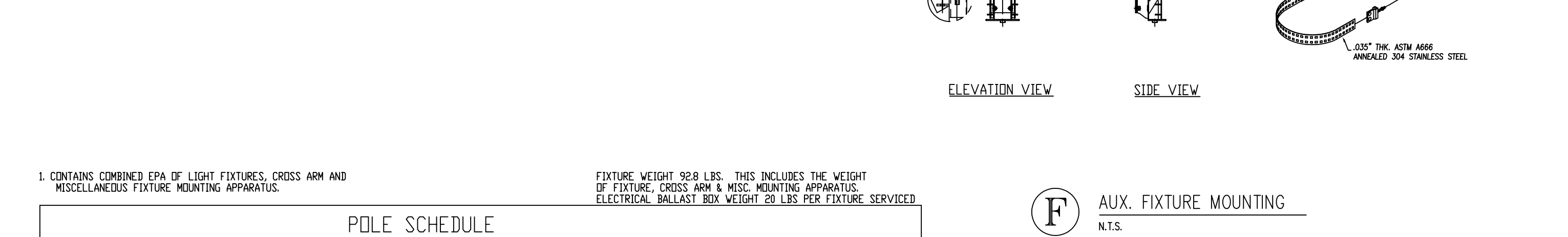
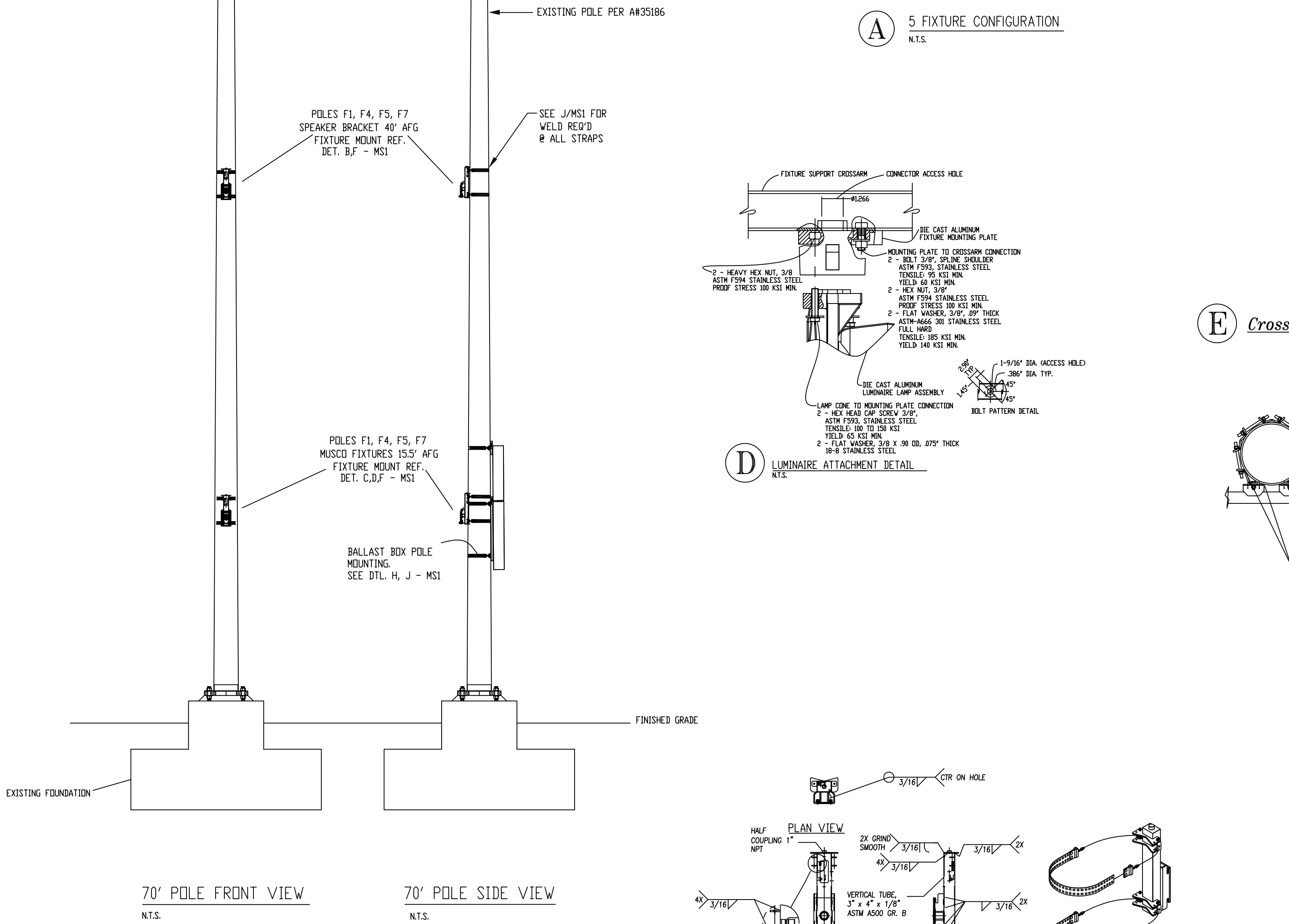
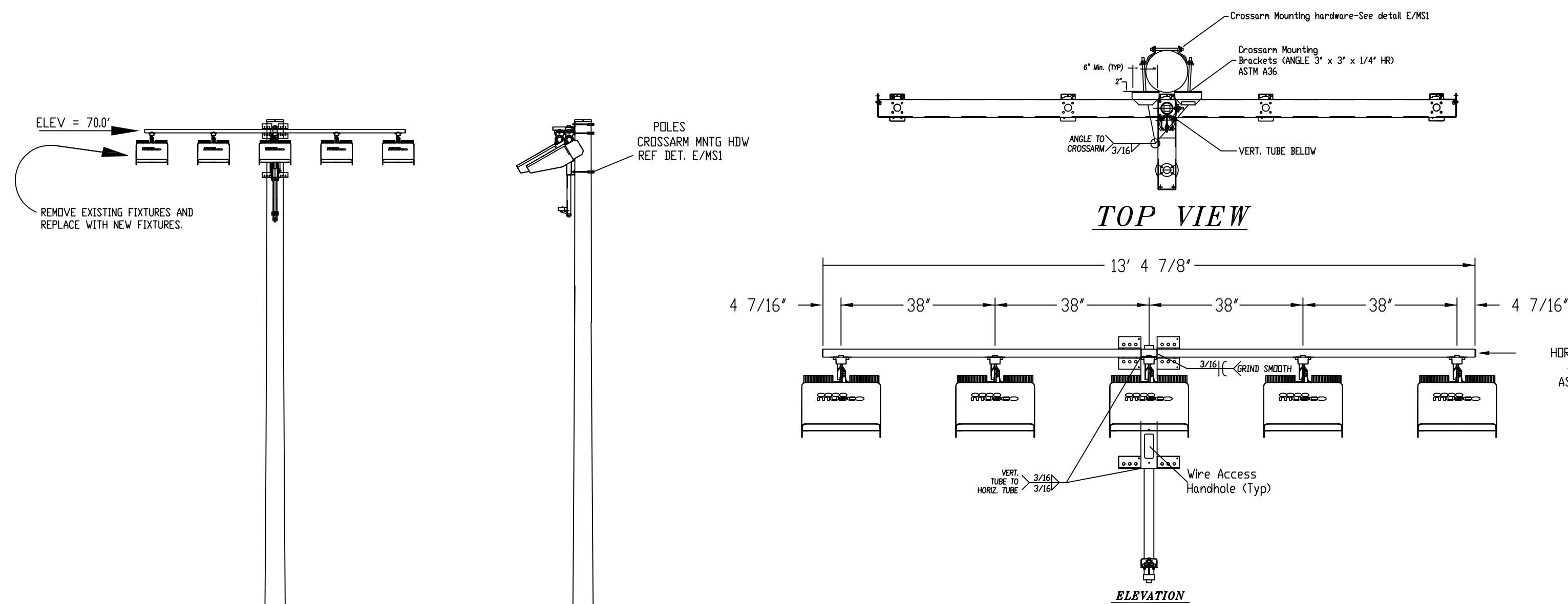
DRAWN BY: DCL

DRAWING NO.

MT1

1 OF 3



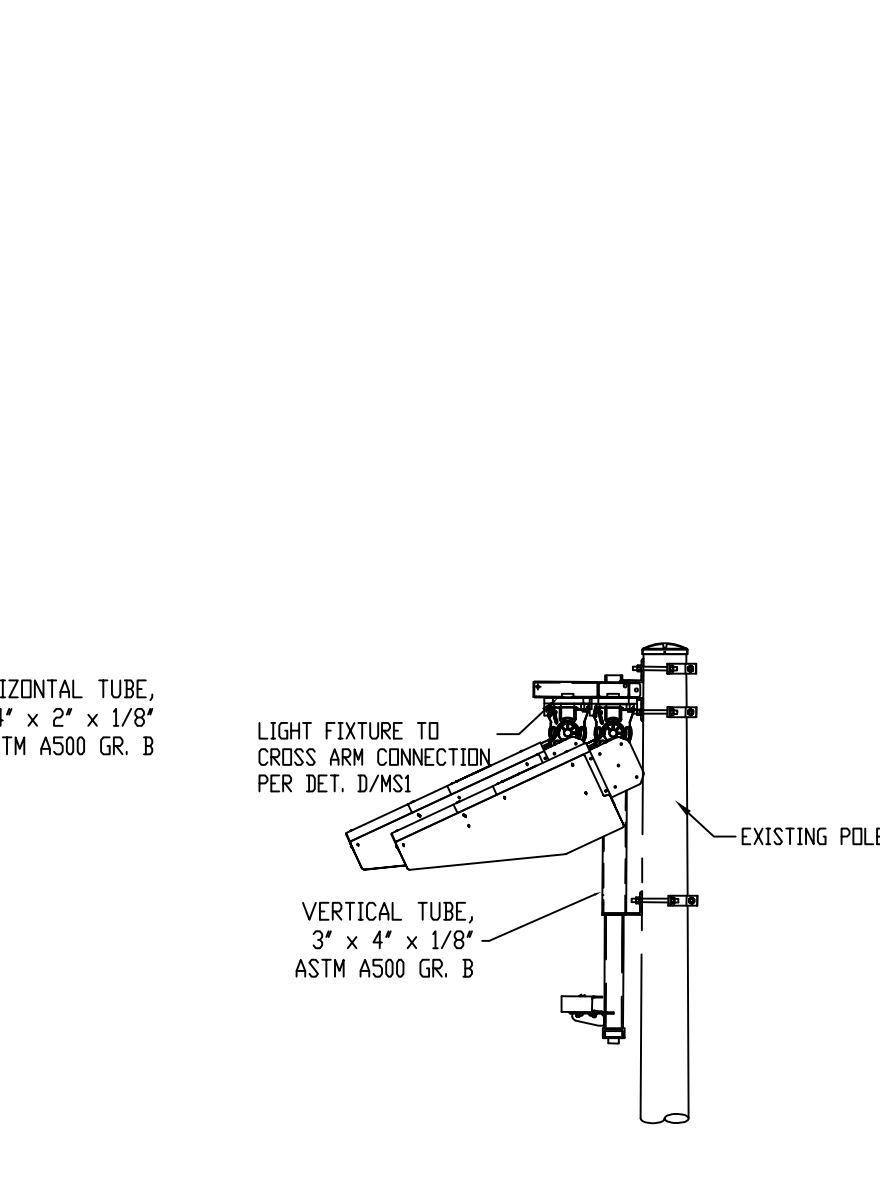


1. CONTAINS COMBINED EPA OF LIGHT FIXTURES, CROSS ARM AND MISCELLANEOUS FIXTURE MOUNTING APPARATUS.

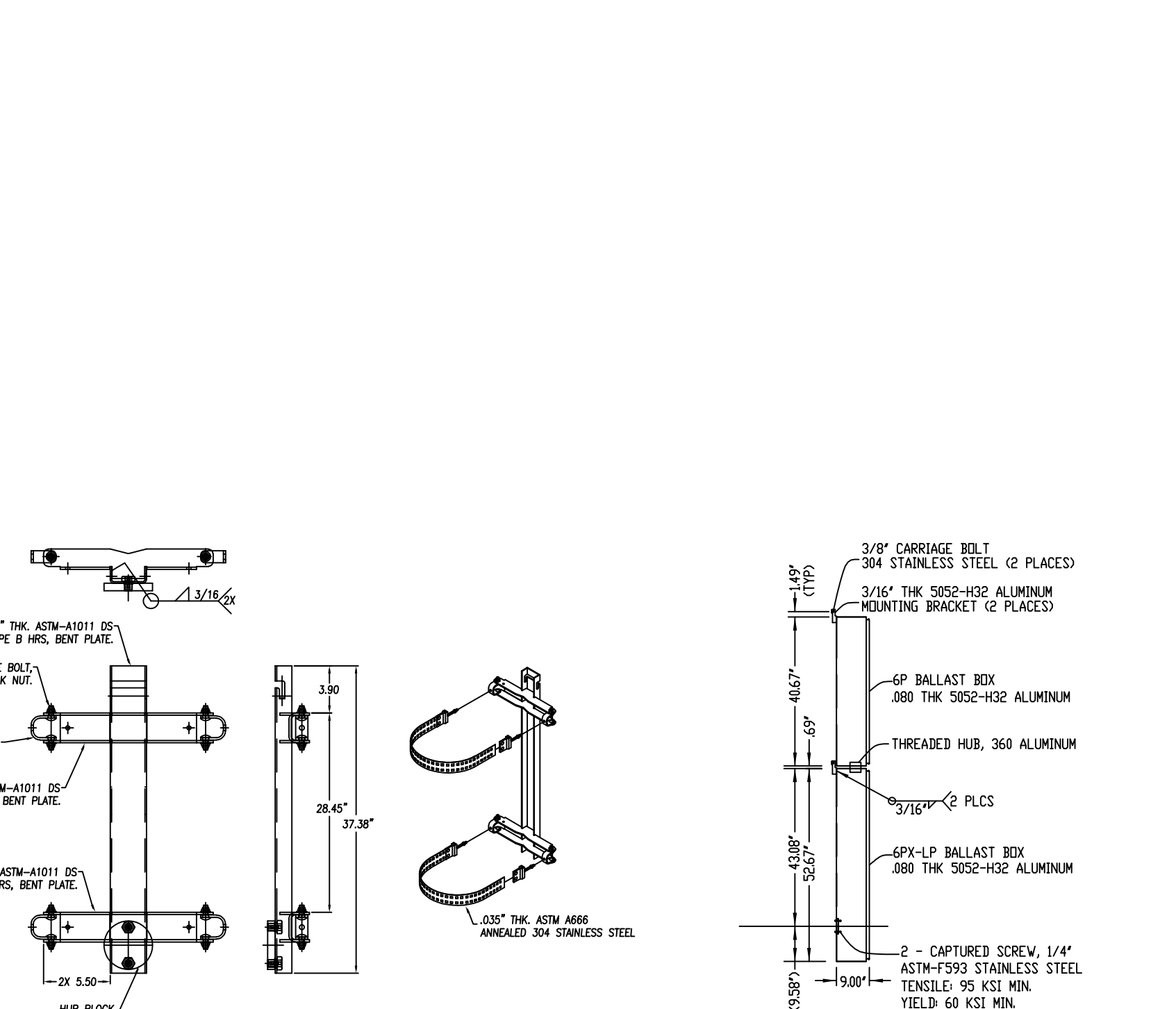
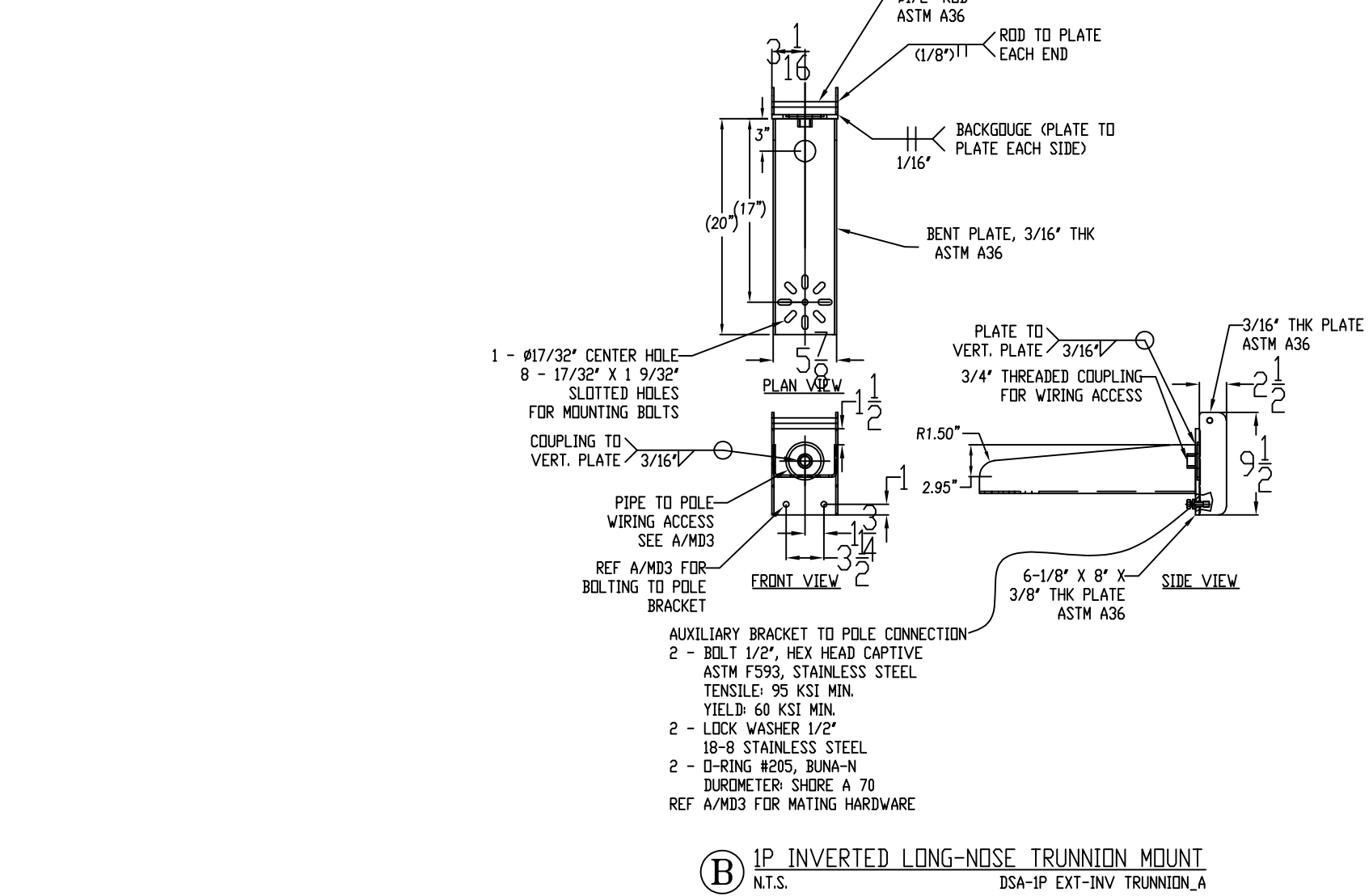
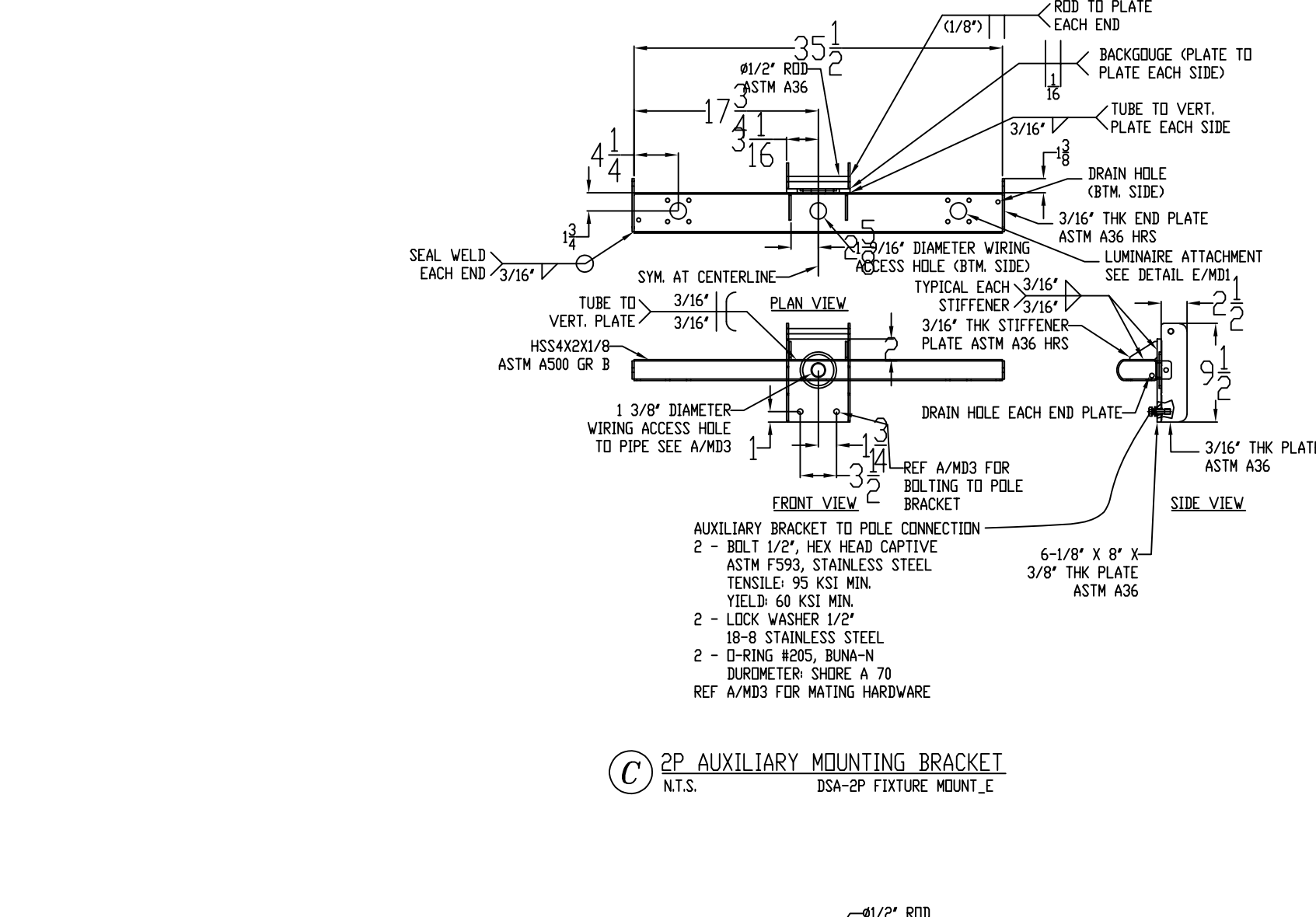
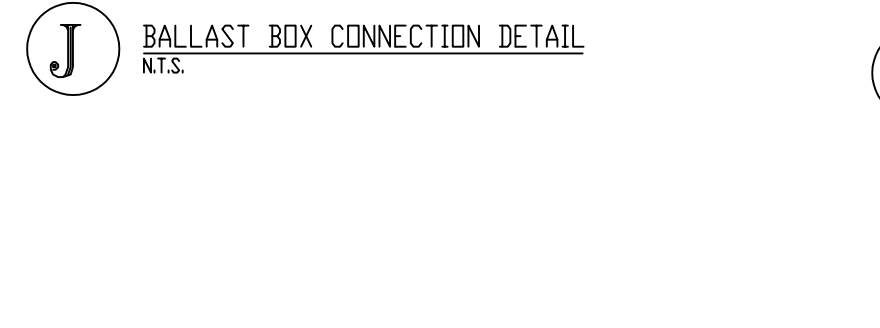
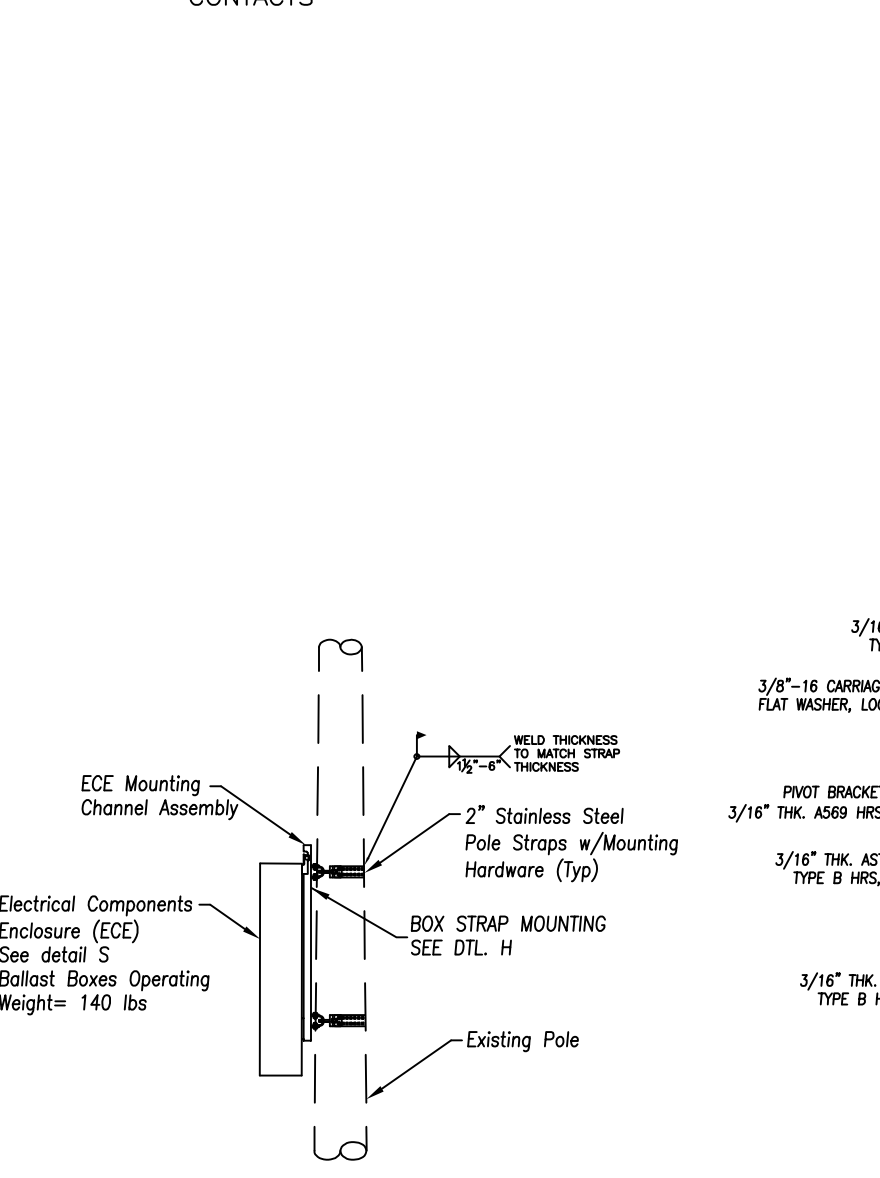
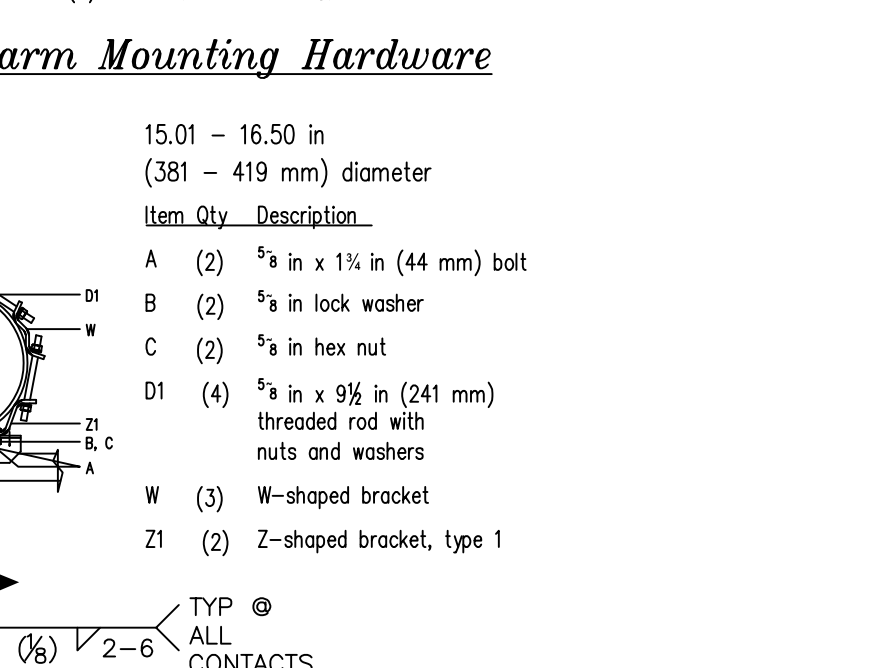
FIXTURE WEIGHT 92.8 LBS. THIS INCLUDES THE WEIGHT OF FIXTURE, CROSS ARM & MISC. MOUNTING APPARATUS. ELECTRICAL BALLAST BOX WEIGHT 20 LBS PER FIXTURE SERVICED

POLE SCHEDULE						
SITE LOCATION	POLE MARK	REFERENCE LOCATION	POLE TYPE	FIXTURE CONFIGURATION	TOTAL EPA <sup>1</sup>	BALLAST BOX REQUIREMENTS
SEE SITE PLAN (BY OTHERS)	F1, F4	SEE POLE ORIENTATION PLAN	---	5 - SEE DETAIL A/MS1	16.9	SEE DETAIL S/MS1
	F5, F7	SEE POLE ORIENTATION PLAN	---	5 - SEE DETAIL A/MS1	16.9	SEE DETAIL S/MS1

DSA-POLESCH\_C



- 15.01 - 16.50 in (381 - 419 mm) diameter
- | Item | Qty | Description   |
|------|-----|---|
| A    | (2) | 5/8 in x 1 1/4 in (44 mm) bolt                                |
| B    | (2) | 5/8 in lock washer  |
| C    | (2) | 5/8 in hex nut  |
| D1   | (4) | 5/8 in x 9 1/2 in (241 mm) threaded rod with nuts and washers |
| W    | (3) | W-shaped bracket  |
| Z1   | (2) | Z-shaped bracket, type 1                                      |
- E Crossarm Mounting Hardware**
- 15.01 - 16.50 in (381 - 419 mm) diameter
- | Item | Qty | Description   |
|------|-----|---|
| A    | (2) | 5/8 in x 1 1/4 in (44 mm) bolt                                |
| B    | (2) | 5/8 in lock washer  |
| C    | (2) | 5/8 in hex nut  |
| D1   | (4) | 5/8 in x 9 1/2 in (241 mm) threaded rod with nuts and washers |
| W    | (3) | W-shaped bracket  |
| Z1   | (2) | Z-shaped bracket, type 1                                      |
- TYP @ ALL CONTACTS



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KNA STRUCTURAL ENGINEERS  
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Oskaloosa, Iowa 52577  
800/825-6020

MUSCO Lighting  
CORPORATE OFFICE:  
P.O. Box 808  
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Oskaloosa, Iowa 52577  
800/825-6020

DRAWING TITLE: POLE DETAIL  
SCALE: SEE PLAN  
REVISIONS:  
REFERENCE:

PROJECT NO. 201831  
DATE: 03/23/2020  
DRAWN BY: DCL  
DRAWING NO. MS1  
2 OF 3















