

ADOLFO CAMARILLO HIGH SCHOOL VISITOR BLEACHERS

OXNARD UNION HIGH SCHOOL DISTRICT

DSA SUBMITTAL 07/22/2020









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FM /RG /JR /CL /TA

ADOLFO CAMARILLO HIGH SCHOOL VISITOR BLEACHERS

6121235309

TITLE SHEET/SHEET INDEX/DETAILS

APPLICABLE STATE CODES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH: 2019 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
- 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2018 INTERNATIONAL BUILDING CODE VOLUMES 1 & 2 AND 2013 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2018 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R. (2018 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
- (2018 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R. 2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
- (2018 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS) 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R.
- 2019 CALIFORNIA REFERENCE STANDARDS, PART 12, TITLE 24 C.C.R.
- TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
- 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.
- THE PROVISIONS OF 2016 CFC CHAPTER 11 AND 2019 CBC CHAPTER 33 SHALL BE ENFORCED ON THIS
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

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 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.

2. 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.

3. 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

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 CONTRACTORS 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. 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.
- 8. 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.
- 9. ALL HEIGHTS ARE DIMENSIONED FROM TOP OF SLAB UNLESS NOTED "AFF" (ABOVE FINISH FLOOR). 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

- 11. "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR THE ELEVATION OR DETAIL NOTED VERIFY DIMENSIONS 2. 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 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. 13. 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.
- 14. REMOVE ALL TRASH AND DEBRIS DAILY. DO NOT STORE BUILDING MATERIALS IN CORRIDORS AT ANY TIME. COMPLY WITH REQUIREMENTS AS SPECIFIED IN PROJECT MANUAL.

MINIMIZE NOISE AND DUST GENERATION TO MAXIMUM EXTENT POSSIBLE. COMPLY WITH REQUIREMENTS AS

- 15. 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.
- 16. VERIFY POINTS OF CONNECTION, INCLUDING SIZES AND LOCATIONS, AND ALL OTHER REQUIRED OPERATING CRITERIA WITH EQUIPMENT MANUFACTURER. 17. CONTRACTOR SHALL STIPULATE THAT ALL PROPOSED SUBSTITUTIONS ARE EQUAL IN PERFORMANCE AND
- OR SYSTEMS SHALL BE AT NO ADDITIONAL COST TO OWNER. 18. 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.

COMPLY WITH APPLICABLE CODES AND REGULATIONS. CONTRACTOR'S SUBSTITUTION OF ALTERNATE MATERIALS

PROJECT DIRECTORY

PROJECT ADOLFO CAMARILLO HIGH SCHOOL TRACK & FIELD IMPROVEMENTS **INCREMENT 2**

OXNARD UNION HIGH SCHOOL DISTRICT 309 S. "K" STREET

(805) 385-2500 **ARCHITECT**

1300 DOVE STREET, SUITE 100

OXNARD, CA 93030

NEWPORT BEACH, CA 92660 (949) 698-1433 (FAX)

4660 MISSION OAKS BLVD

CAMARILLO, CA 93012

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

(949) 698-1433 (FAX)

SCOPE OF WORK

WORK UNDER THIS CONTRACT INCLUDES THE FOLLOWING ITEMS SHOWN ON THE DRAWINGS AND AS SPECIFIED IN THE PROJECT MANUAL, INCLUDING:

CONSTRUCTION OF NEW VISITOR STADIUM BLEACHERS.

INSPECTOR CERTIFIED BY DSA.

DSA REQUIREMENTS

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DVISION OF THE STATE ARCHITECT (DSA), AS REQUIRED BY SEC. 4-338, PART 1, TITLE 24, CCR.

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 INSPECTOR

A DIVISION OF THE STATE ARCHTIECT (DSA) CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. DUTIES AND REQUIRED IOR CLASSIFICATION PER SECTION 4-342, TITLE 24, PART 1 CCR AND IR A-7: CLASS 1

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

VICINITY MAP NOT TO SCALE

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: 'SOUTHERN BLEACHER COMPANY'

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

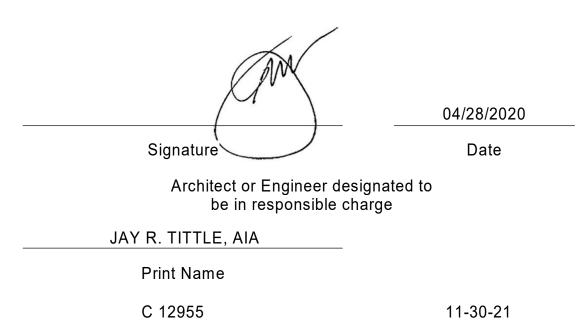
2) coordination with my plans and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance "shall not be construed as relieving me of my

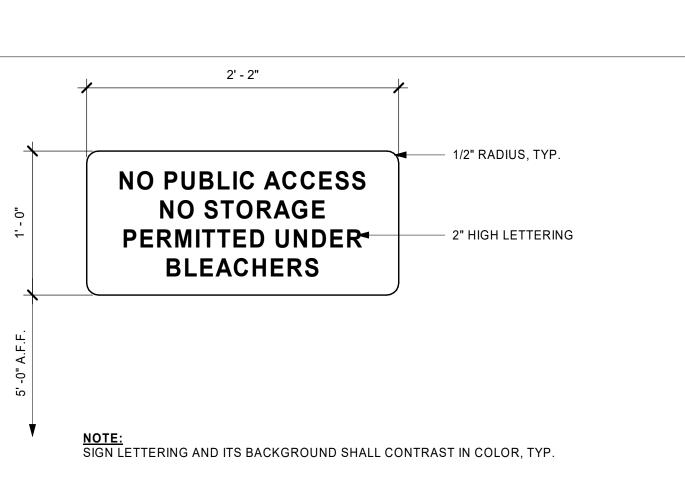
rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code

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: 'SOUTHERN BLEACHER COMPANY'

are in general conformance with the project design, and have been coordinated with the project plans.



License Number **Expiration Date**



GRADE OF **PAVEMENT**

GENERAL

COVER SHEET

TITLE SHEET/SHEET INDEX/DETAILS

COVER SHEET - NOTES & INDEX MAP

(E) FIRE ACCESS SITE PLAN

NOTES AND DETAILS

CONSTRUCTION PLAN

CONSTRUCTION PLAN

STORM DRAIN PLAN

STORM DRAIN PLAN

OVERALL SITE PLAN

GENERAL NOTES

EROSION CONTROL PLAN

DEMOLITION PLAN

DEMOLITION PLAN

GRADING PLAN

GRADING PLAN

G0.1

G1.1

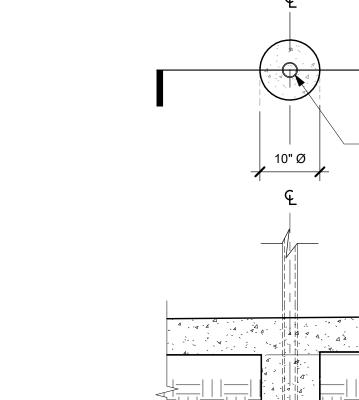
C1.1

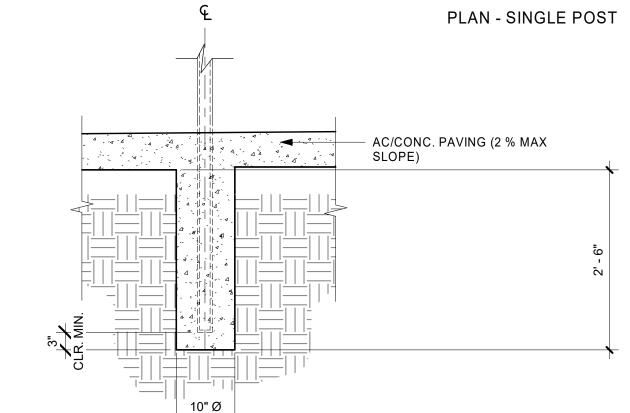
C2.0

C5.1

ARCHITECTURAL

SOUTHERN BLEACHER COMPANY





SHEET INDEX

E-000

E-200

GRAND TOTAL: 38

FOOTING LAYOUT

FOOTING DETAILS

ELEVATION VIEWS SECTION VIEW

SECTION VIEW

SIGHT LINES

EXIT DETAILS

EXIT DETAILS

EXIT DETAILS

PLANK DETAILS

DETAILS

DETAILS

SPECS. (TYP.)

@ 18" O.C.

LINE POSTS

GALV. STEEL POST, TYP.

AND CORNER POSTS

SEAT BRACKET LAYOUT

SYMBOLS AND NOTES

ELECTRICAL SITE PLAN

ELECTRICAL PLANS - BLEACHERS

CORNER, END, & GATE POSTS PER

STRETCHER BAR BANDS 12" O.C. W/

TOP FENCE RAIL W/9 GA. WIRE TIES @ 18" O.C. - WHEN REQUIRED BY SPEC.

HORIZONTAL BRACE W/ 9 GA. WIRE TIES

GALVANIZED BOLTS AT END GATE

LINE POSTS PER SPECS. (TYP.)

3/8" DIA. GALV. TRUSS BARS W/

CORNERS, ENDS, AND GATES

C.L.F. FABRIC - 32 31 13

TURNBUCKLES AND FITTINGS AT

9 GA. WIRE TIES AT 12" O.C. AT ALL

CONTINUOUS TENSION WIRE AT BOTTOM

<u>SIM. CONDITION:</u> AT 3'-6" TALL CONDITION, NO HORIZONTAL BRACE

CHAINLINK FENCE

GALVANIZED STRETCHER BAR 1/4" X 3/4" MIN.

EXITS

EXITS

SEATING LAYOUT

UNDERSTRUCTURE LAYOUT

SIGNAGE S1 - DETAIL 3

POST @ CHAIN LINK FENCE 2

SECTION - SINGLE POST



APP. 03-120480 INC: REVIEWED FOR SS 🗸 FLS 🗸 ACS 🗸



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

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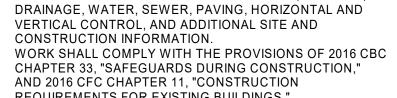
OXNARD UNION HIGH SCHOOL DISTRICT

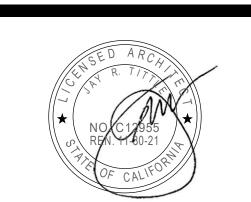
HIGH SCHOOL ACHERS

1660 MISSION (CAMARILLO,

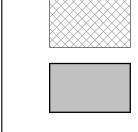
FIRE ACCESS NOTES

- ALL VEGETATION AND OTHER OBSTRUCTIONS OVERHANGING A FIRE ACCESS ROADWAY SHALL BE MAINTAINED TO A CLEAR HEIGHT OF 13'-6". ALL POLES, BACKBOARDS AND OTHER OBSTRUCTIONS NEAR A FIRE ACCESS ROADWAY SHALL BE PROVIDED WITH REFLECTIVE TAPE OR PAINT.
- KNOX BOX AND KEY SHALL BE PROVIDED FOR ALL GATES AND BARRIERS IN THE PATH OF VEHICLE OR FIRE FIGHTER
- ALL WEATHER ACCESS ROADWAYS AND ALL FIRE HYDRANTS SHALL BE IN PLACE AND OPERATIONAL BEFORE BRINGING COMBUSTIBLE BUILDING MATERIALS OR PORTABLE UNITS ON SITE. ALL PEDESTRIAN GATES WILL BE EQUIPPED WITH A KNOX BOX CONTAINING A KEY THAT WILL OPEN THE GATE. SEE CIVIL DRAWINGS FOR SITE EXCAVATION, GRADING, DRAINAGE, WATER, SEWER, PAVING, HORIZONTAL AND





LEGEND



(E) FIRE ACCESS LANE PÉR DSA A# 03-120008

(E) BUILDING TO REMAIN

(E) FIRE HYDRANT

(E) FIRE LANE ENTRANCE SIGN.

(E) FIRE LANE NO PARKING SIGN. (E) KNOX RAPID ENTRY DEVICE

PROJECT MANAGER

PROJECT TEAM PRINCIPAL IN CHARGE

DSA SUBMITTAL

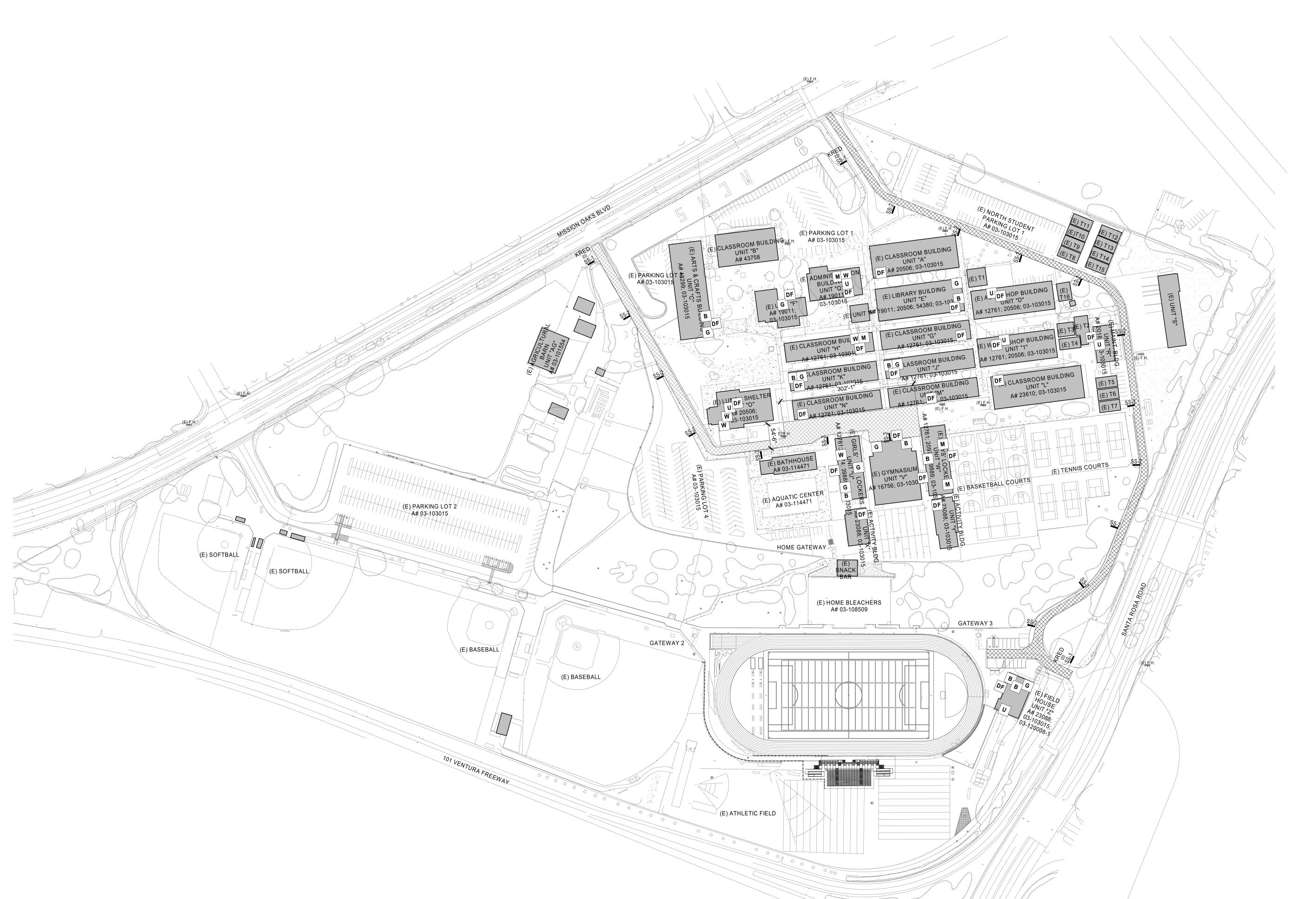
07/22/2020

ADOLFO CAMARILLO HIGH SCHOOL VISITOR BLEACHERS

6121235309

(E) FIRE ACCESS SITE PLAN

G2.1



(E) FIRE ACCESS SITE PLAN - PER DSA A# 03-120008 1

GENERAL NOTES

STANDARD SPECIFICATIONS AND PLANS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK & S.P.P.W.C), LATEST EDITION OF CALIFORNIA BUILDING CODE AND CITY OF CAMARILLO BUILDING CODE REQUIREMENTS.

WORK SHALL BE PERFORMED ACCORDING TO THE LATEST EDITIONS OF THE

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.

IMPORTANT NOTICE - SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE ANY "PERMIT TO EXCAVATE" WILL BE VALID. 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 PÈRMÍTS 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

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 PER PLANS AND PROJECT MANUAL

THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES WHETHER SHOWN OR NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABLITY 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 OR 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 LEGAL DUMPSITE. RECEIPTS FOR ACCEPTANCE OF EXCESS MATERIAL BY A DUMPSITE 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 22. IF WORK IS COMMENCED DURING RAINY SEASON, CONTRACTOR SHALL SATISFY CITY OF OXNARD AND VENTURA COUNTY'S EROSION CONTROL REQUIREMENTS AND INSTALL APPROPRIATE BMPs.

LEGEND

FINISH SURFACE ELEVATION TOP OF CURB ELEVATION TOP OF CONCRETE SLAB ELEVATION PROPOSED SPOT ELEVATION EXISTING SPOT ELEVATION

EXISTING FENCE GRADE BREAK EDGE OF SIDEWALK

CURB & GUTTER HIGH POINT NATURAL GROUND STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION STANDARD SPECIFICATIONS FOR PUBLIC WORKS

CURB FACE ELEVATION ELEV. **EXISTING**

END CURB RETURN ANGLE POINT

BEGIN CURB RETURN

FURNISH AND INSTALL/CONSTRUCT, DEMOLISH, REMOVE AND REPLACE, OR RELOCATE, AS

FLOW LINE TEMPORARY BENCH MARK CONCRETE PAVEMENT ASPHALT CONCRETE PAVING NEW TEMPORARY BENCH MARK FINISH FLOOR

EXISTING SLOPE

NEW SLOPE

ABOVE FINISH FLOOR SEWER CLEAN-OUT SEWER MANHOLE PLANTER AREA

EXPANSION JOINT CONTROL JOINT DRAIN INLET SEWER CLEAN-OUT ELECTRICAL PULL BOX WATER VALVE SEWER FORCE MAIN

NOT IN CONTRACT

BASIS OF BEARING

N60°57'03"E BEING THE CENTERLINE OF MISSION OAKS BOULEVARD PER MAP RECORDED IN BOOK 122, PAGES 51 THROUGH 54, OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF VENTURA COUNTY, STATE OF CALIFORNIA.

BENCHMARK

COUNTY OF VENTURA #75-2A (1982)

ELEVATION: 157.24

DESCRIPTION: BRASS DISK STAMPED "75-2A RM1 2012" LOCATION: BRASS DISK IN THE THE TOP OF CURB LOCATED 122.90' SOUTH OF THE S.E. ECR OF THE INTERSECTION OF SANTA ROSA ROAD AND ADOLFO ROAD.

PRIVATE ENGINEER'S NOTICE TO CONTRACTOR

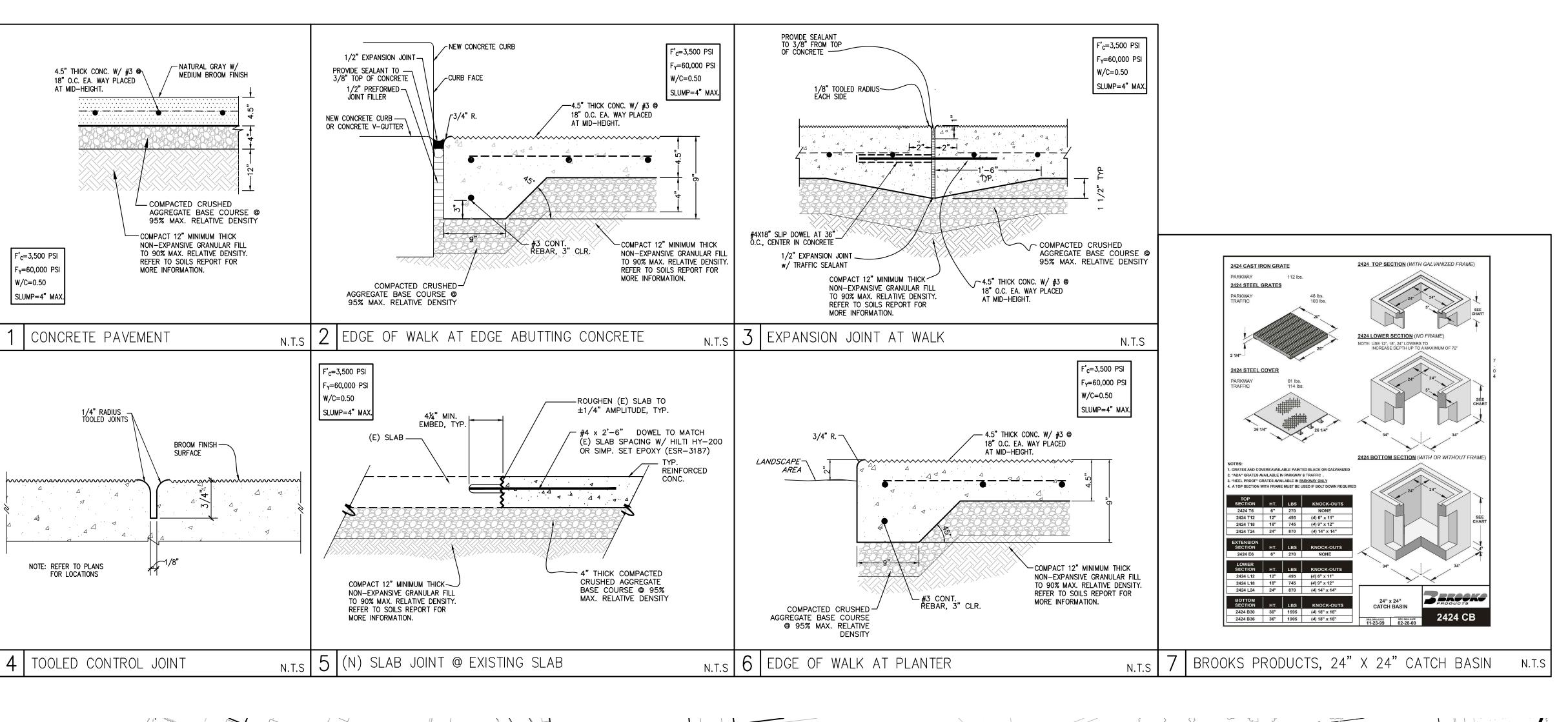
THE EXISTENCE AND LOCATION OF ANY AND ALL CONDUITS, UTILITY PIPES, AND STRUCTURES SHOWN ON THIS SET OF PLANS ARE OBTAINED BASED ON AVAILABLE RECORDS AT THE TIME OF DESIGN. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT AT THE TIME OF DESIGN EXCEPT AS SHOWN ON THI SET OF PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES 1 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.

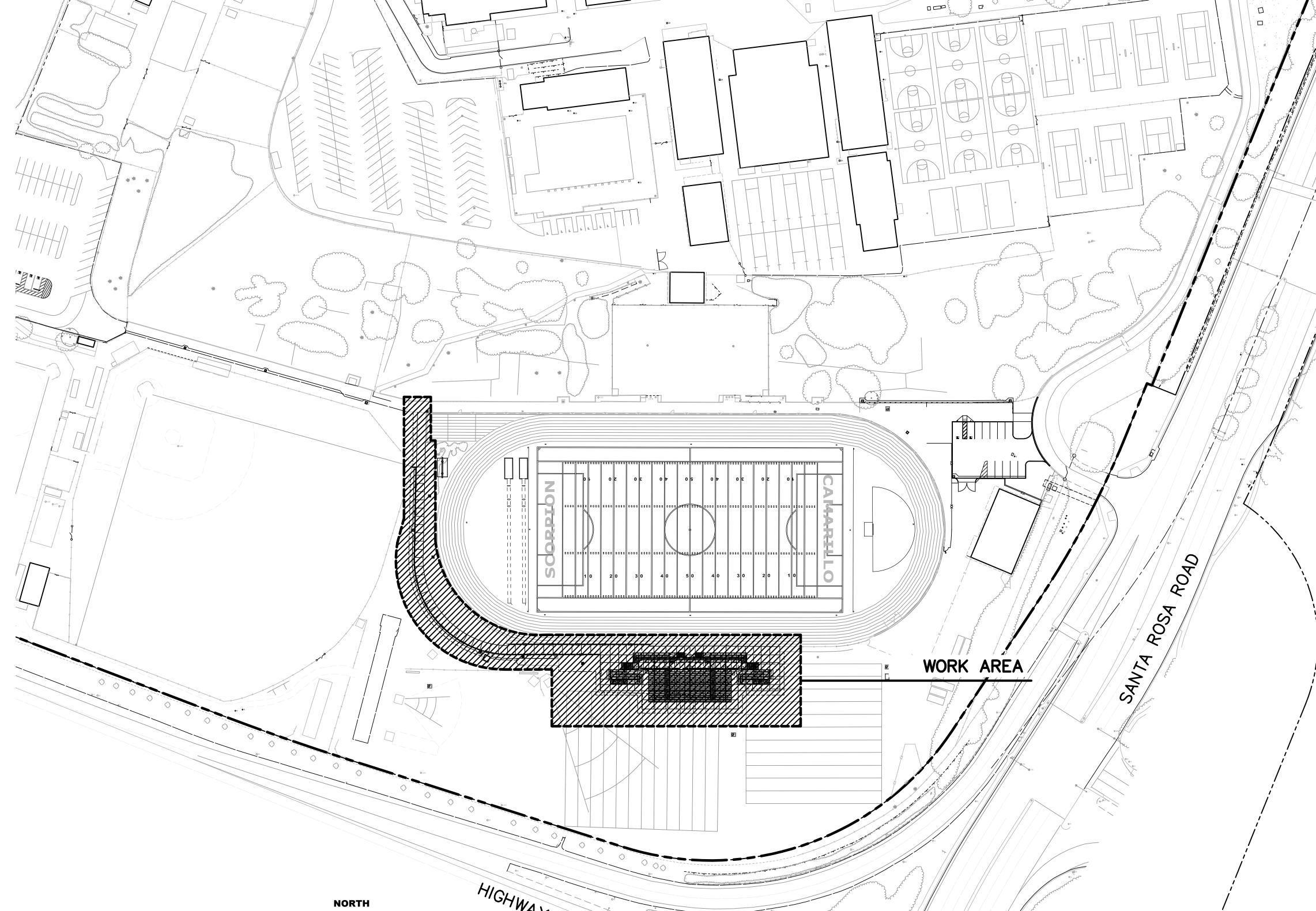
CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS STIPULATION INCLUDES THE SAFETY OF ANY AND ALL PERSONS AND PROPERTY. THE CONTRACTOR SHALL FURTHER DEFEND, INDEMNIFY, AND HOLD THE OWNER AND ENGINEER 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.

KEY MAP: WORK AREA









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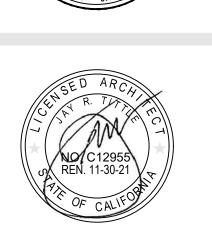
CLIENT NAME

OXNARD UNION HIGH SCHOOL

DISTRICT PROJECT NAME

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DSA SUBMITTAL 7/22/20 DATE REASON

PROJECT TEAM PRINCIPAL IN CHARGE PROJECT MANAGER DESIGN TEAM

ADOLFO CAMARILLO HIGH SCHOOL **VISITOR BLEACHERS**

PROJECT NO. 6121235309

COVER SHEET -NOTES & INDEX



CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS OUTLINED IN SOILS REPORT, THROUGHOUT CONSTRUCTION, PREPARED BY EARTH SYSTEMS PACIFIC, DATED APRIL 9, 2020. BELOW ARE EXCERPTS FROM SOILS REPORT FOR REFERENCE ONLY.

> 12 April 9, 2020 Project No.: 303275-003 Report No.: 20-4-9

Grading

Pre-Grading Considerations Plans and specifications should be provided to Earth Systems prior to grading.

- Plans should include the grading plans, foundation plans, and foundation details. b. Final site grade should be designed so that all water is diverted away from the bleachers over paved surfaces, or over landscaped surfaces in accordance with current codes. Water should not be allowed to pond anywhere on the pad.
- Shrinkage of soils affected by compaction is estimated to be about 15 percent. Shrinkage from removal of the existing foundation system is not included in these figures.
- Compaction tests shall be made to determine the relative compaction of the fills in accordance with the following minimum guidelines: one test for each twofoot vertical lift; one test for each 1,000 cubic yards of material placed; and four tests at subgrade elevation in the final pad.
- e. It is recommended that Earth Systems be retained to provide Geotechnical Engineering services during site development and grading, and foundation construction phases of the work to observe compliance with the design concepts, specifications and recommendations, and to allow design changes in the event that subsurface conditions differ from those anticipated prior to the start of construction.

Rough Grading/Areas of Development

- Grading at a minimum should conform to the 2019 California Building Code.
- The existing ground surface should be initially prepared for grading by removing all vegetation, trees, large roots, debris, other organic material and noncomplying fill. Organics and debris should be stockpiled away from areas to be graded, and ultimately removed from the site to prevent their inclusion in fills. Voids created by removal of such material should be properly backfilled and compacted. No compacted fill should be placed unless the underlying soil has been observed by the Geotechnical Engineer.
- c. If conventional pad footings are to be used to support the bleachers, overexcavation and recompaction of soils under footings will be necessary to decrease the potential for differential settlement and provide more uniform bearing conditions due to the presence of variable density soils at the bearing depth. Soils should be overexcavated to a depth of 2.5 feet below the bottoms

of footings and to a distance of 5 feet on each side of the footings. The resulting surfaces should then be scarified an additional 6 inches, moisture conditioned, and recompacted. The intent of these recommendations is to have a minimum of 3 feet of compacted soil below the bottoms of all footings.

Project No.: 303275-003

Report No.: 20-4-9

13

- d. If pier footings are to be used, the overexcavation and recompaction described above will not be necessary.
- Areas outside of the bleachers bearing zone area to receive fill, exterior slabson-grade, sidewalks, or paving should be overexcavated to a depth of 1.5 feet. The resulting surface should then be scarified an additional 6 inches, moisture conditioned and recompacted.
- f. The bottom of all excavations should be observed by a representative of this firm prior to processing or placing fill.
- On-site soils may be used for fill once they are cleaned of all organic material, rock, debris and irreducible material larger than 8 inches.
- h. Fill and backfill placed at or slightly above optimum moisture in layers with loose thickness not greater than 8 inches should be compacted to a minimum of 90 percent of the maximum dry density obtainable by the ASTM D 1557 test
- Import soils used to raise site grade should be equal to, or better than, on-site soils in strength, expansion, and compressibility characteristics. Import soil can be evaluated, but will not be prequalified by the Geotechnical Engineer. Final comments on the characteristics of the import will be given after the material is at the project site.

Utility Trenches

April 9, 2020

- a. Utility trench backfill should be governed by the provisions of this report relating to minimum compaction standards. In general, on-site service lines may be backfilled with native soils compacted to 90 percent of the maximum dry density. Backfill of offsite service lines will be subject to the specifications of the jurisdictional agency or this report, whichever are greater.
- Utility trenches running parallel to footings should be located at least 5 feet outside the footing line, or above a 2:1 (horizontal to vertical) projection downward from 9 inches above the bottom of the outside edge of the footing.
- Backfill operations should be observed and tested by the Geotechnical Engineer to monitor compliance with these recommendations.

EARTH SYSTEMS

CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS OUTLINED IN SOILS REPORT, THROUGHOUT CONSTRUCTION, PREPARED BY EARTH SYSTEMS PACIFIC, DATED AUGUST 28, 2019. BELOW ARE EXCERPTS FROM SOILS REPORT FOR REFERENCE ONLY.

14 August 28, 2019 Project No.: 303275-001 Report No.: 19-8-3 (Revised)

EARTH SYSTEMS

Installed piers should not be more than two percent (2%) from the plumb position.

Slabs-on-Grade

Concrete slabs should be supported by compacted structural fill as recommended elsewhere in this report.

It is recommended that perimeter slabs (walks, patios, etc.) be designed relatively independent of footing stems (i.e. free floating) so foundation adjustment will be less likely to cause cracking.

Slab designs should be provided by the Structural Engineer, but the reinforcement and slab thicknesses should not be less than the criteria set forth in Table 18-I-D for the "very low" expansion range. Current plans call for 4-inch thick concrete reinforced with No. 3 bars on 18inch centers. These specifications are considered appropriate for the soil conditions. (Note that structural paving sections for areas to be exposed to vehicular traffic are presented elsewhere in this report.)

Areas where floor wetness would be undesirable should be underlaid with a vapor retarder (as specified by the Project Architect or Civil Engineer) to reduce moisture transmission from the subgrade soils to the slab. The retarder should be placed as specified by the structural designer.

Soils should be lightly moistened prior to placing concrete. Testing of premoistening is not required. Premoistening of slab areas should be observed and tested by this firm for compliance with these recommendations prior to placing of sand, reinforcing steel, or concrete.

Retaining Walls

Conventional cantilever retaining walls backfilled with compacted on-site soils may be designed for active pressures of 40 pcf of equivalent fluid weight for well-drained, level backfill.

Restrained retaining walls backfilled with compacted on-site soils may be designed for at-rest pressures of 60 pcf of equivalent fluid weight for well-drained, level backfill.

These pressures are based on the assumption that backfill soils will be compacted to 90% of the maximum dry density determined by the ASTM D 1557 Test Method.

August 28, 2019 Project No.: 303275-001 Report No.: 19-8-3 (Revised)

For retaining walls, passive resistance may be combined with frictional resistance without reduction to the coefficient of friction.

Because walls will not retain more than 6 feet, seismic forces do not need to be added to the design.

The lateral earth pressure to be resisted by the retaining walls or similar structures should also be increased to allow for any other applicable surcharge loads. The surcharges considered should include forces generated by any structures or temporary loads that would influence the wall design.

A system of backfill drainage should be incorporated into retaining wall designs. Backfill comprising the drainage system immediately behind retaining structures should be free-draining granular material with a filter fabric between it and the rest of the backfill soils. As an alternative, the backs of walls could be lined with geodrain systems. The backdrains should extend from the bottoms of the walls to about 18 inches from finished backfill grade. Waterproofing may aid in reducing the potential for efflorescence on the faces of retaining walls.

Compaction on the uphill sides of walls within a horizontal distance equal to one wall height should be performed by hand-operated or other lightweight compaction equipment. This is intended to reduce potential "locked-in" lateral pressures caused by compaction with heavy grading equipment.

SETTLEMENT CONSIDERATIONS

Maximum settlements of about one inch are anticipated for foundations and floor slabs designed as recommended. (It should be noted that these values do not include potential seismic- or liquefaction-induced settlements.) Differential settlement between adjacent load bearing members should be expected to range up to about one-half the total settlement.

If the preliminary recommendations for foundation design and construction are followed, settlement of the piers should not exceed approximately 0.5 inch under static conditions. Differential settlement of neighboring pier footings of varying loads, depths or sizes may be as high as fifty% of the total static settlement over a distance of about 30 feet.

EARTH SYSTEMS EARTH SYSTEMS

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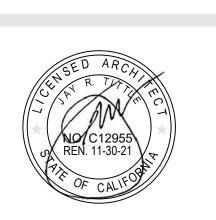
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OXNARD UNION HIGH SCHOOL DISTRICT

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DESIGN TEAM

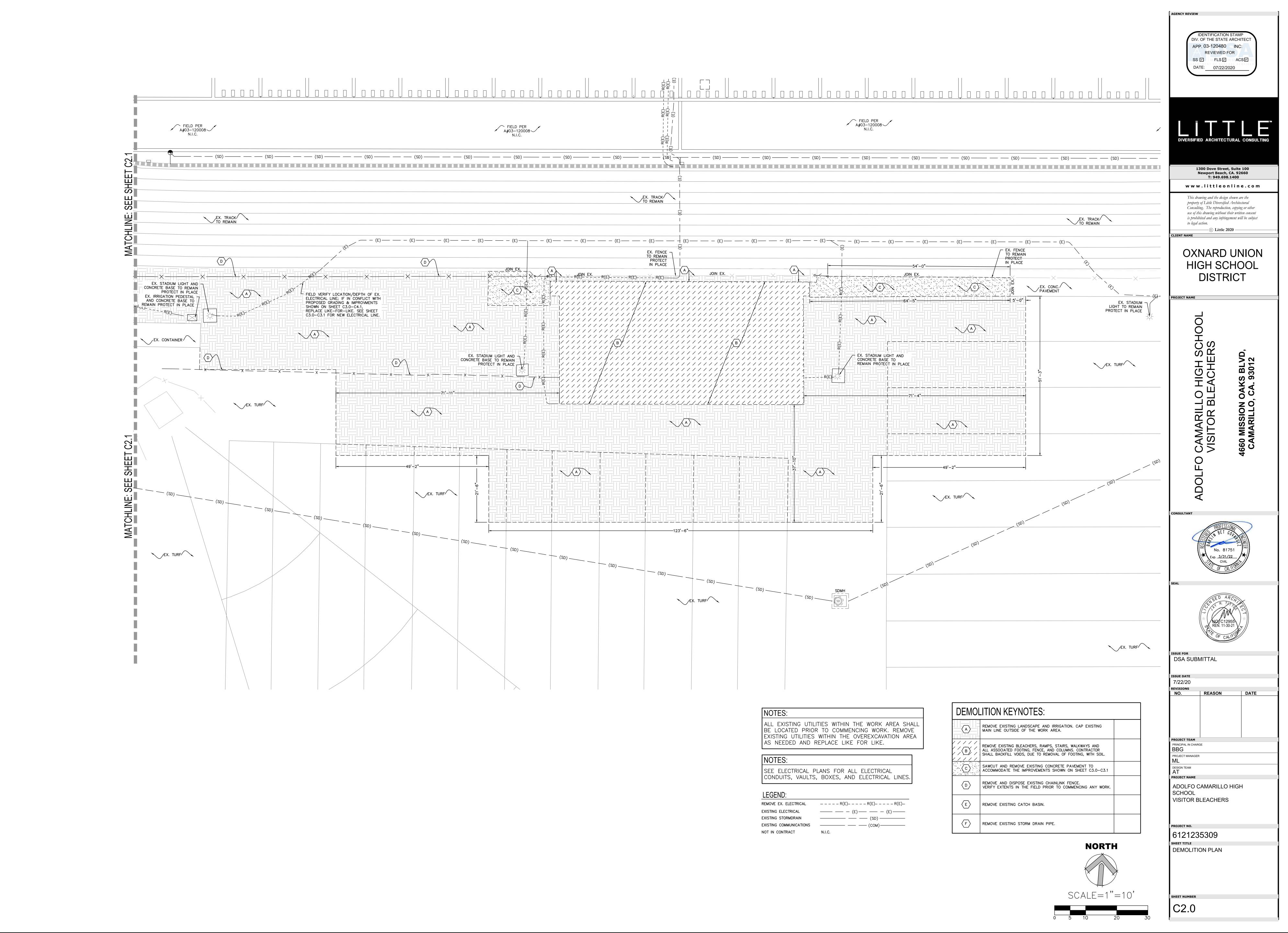
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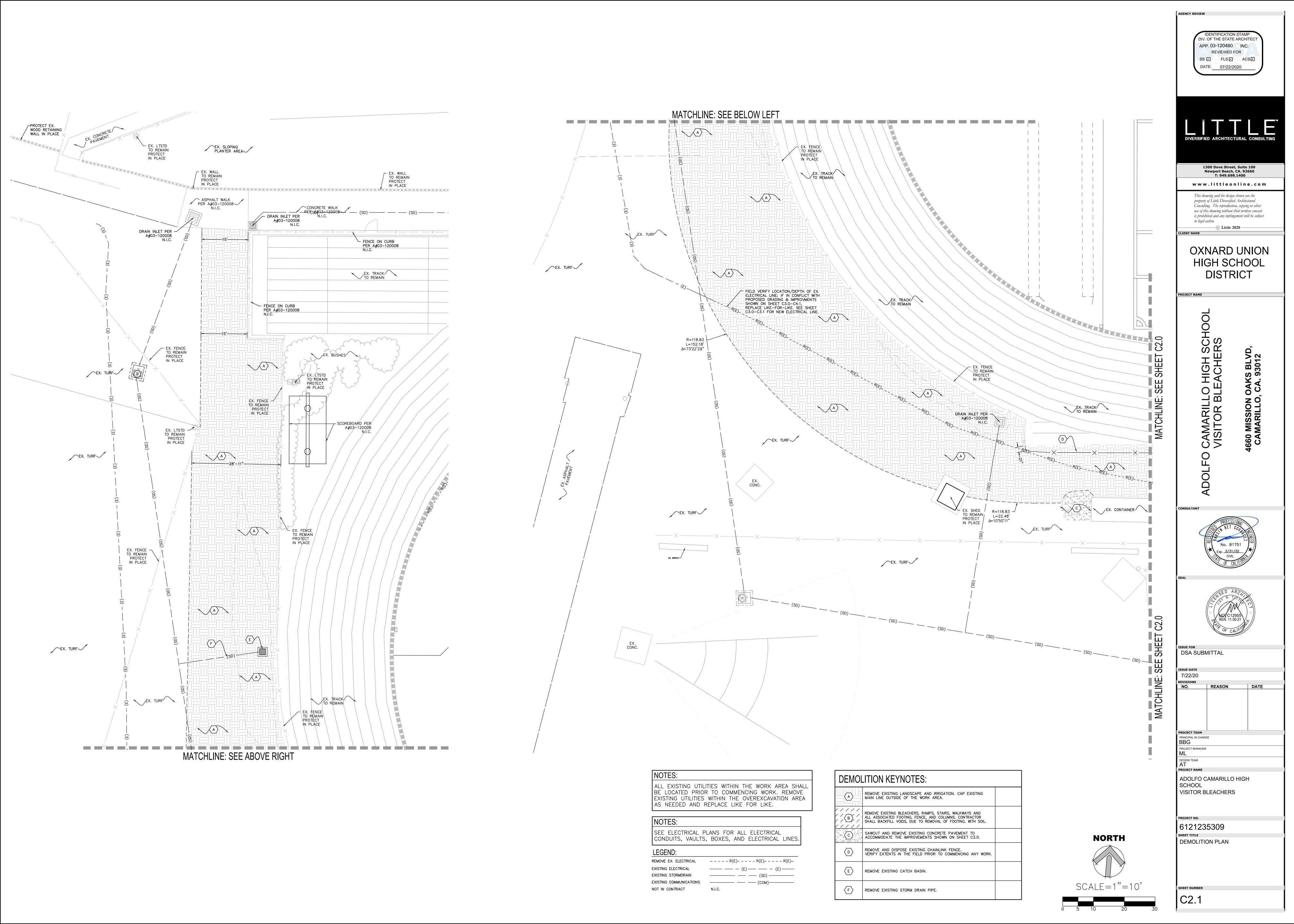
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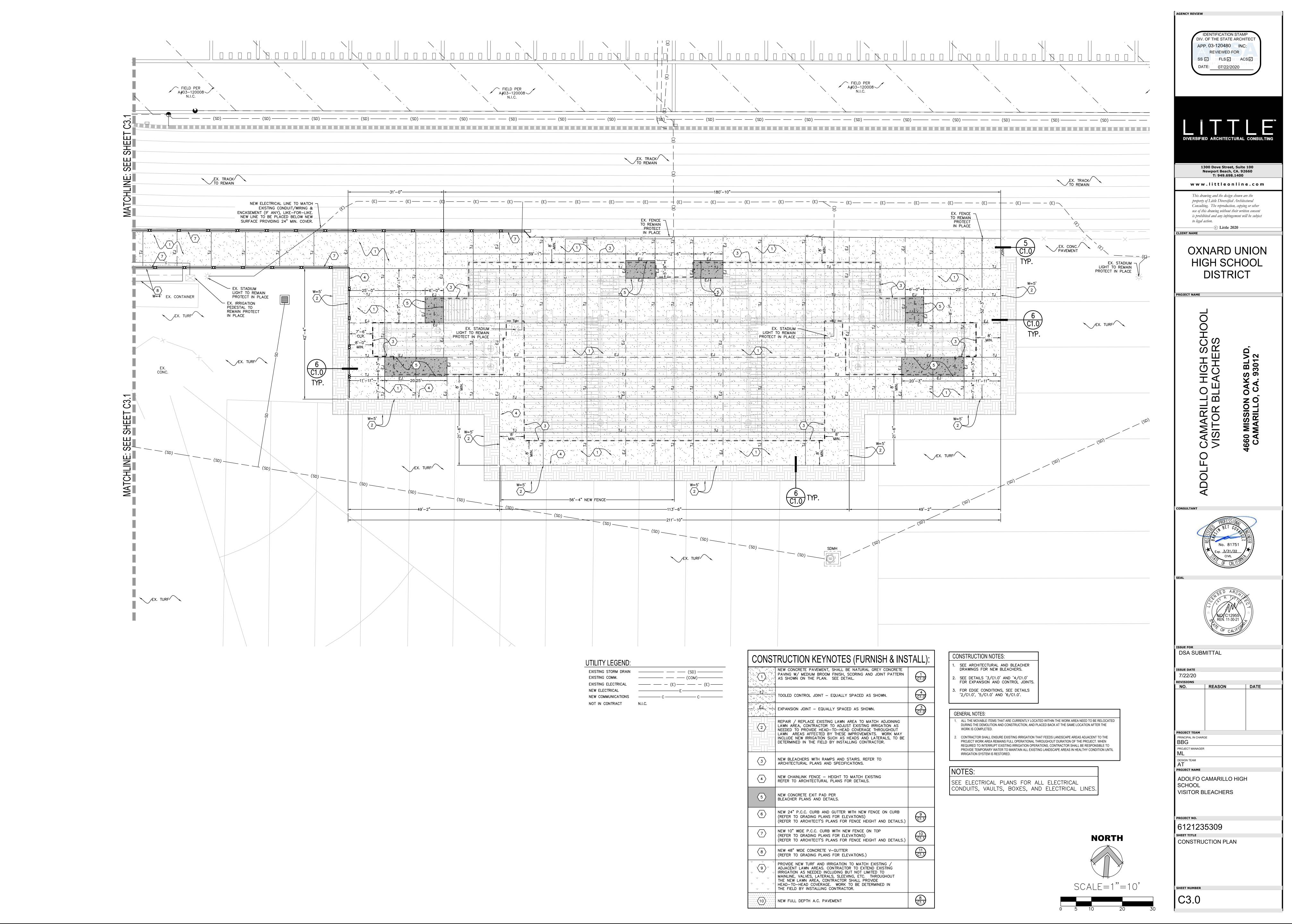
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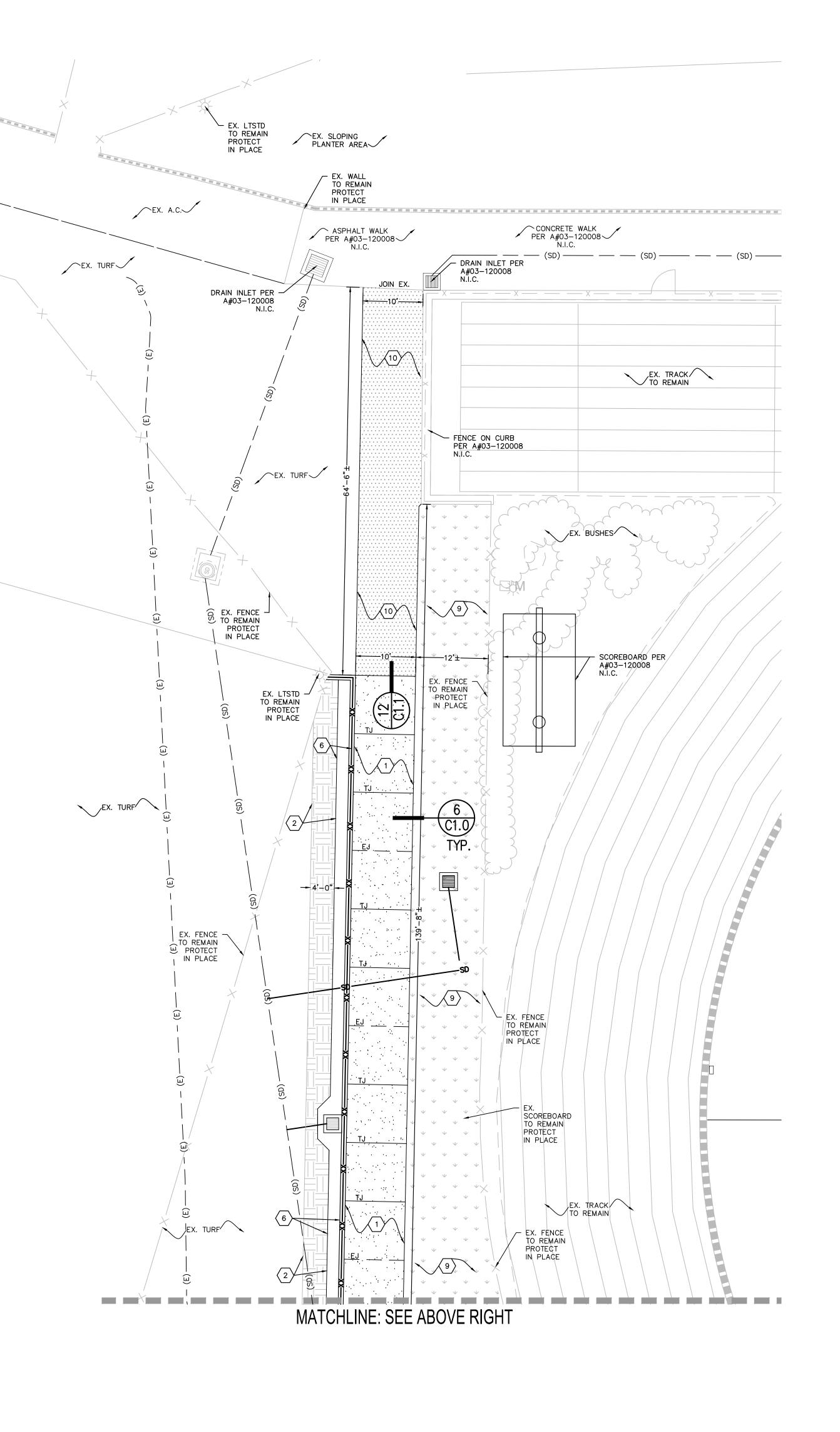
NOTES & DETAILS

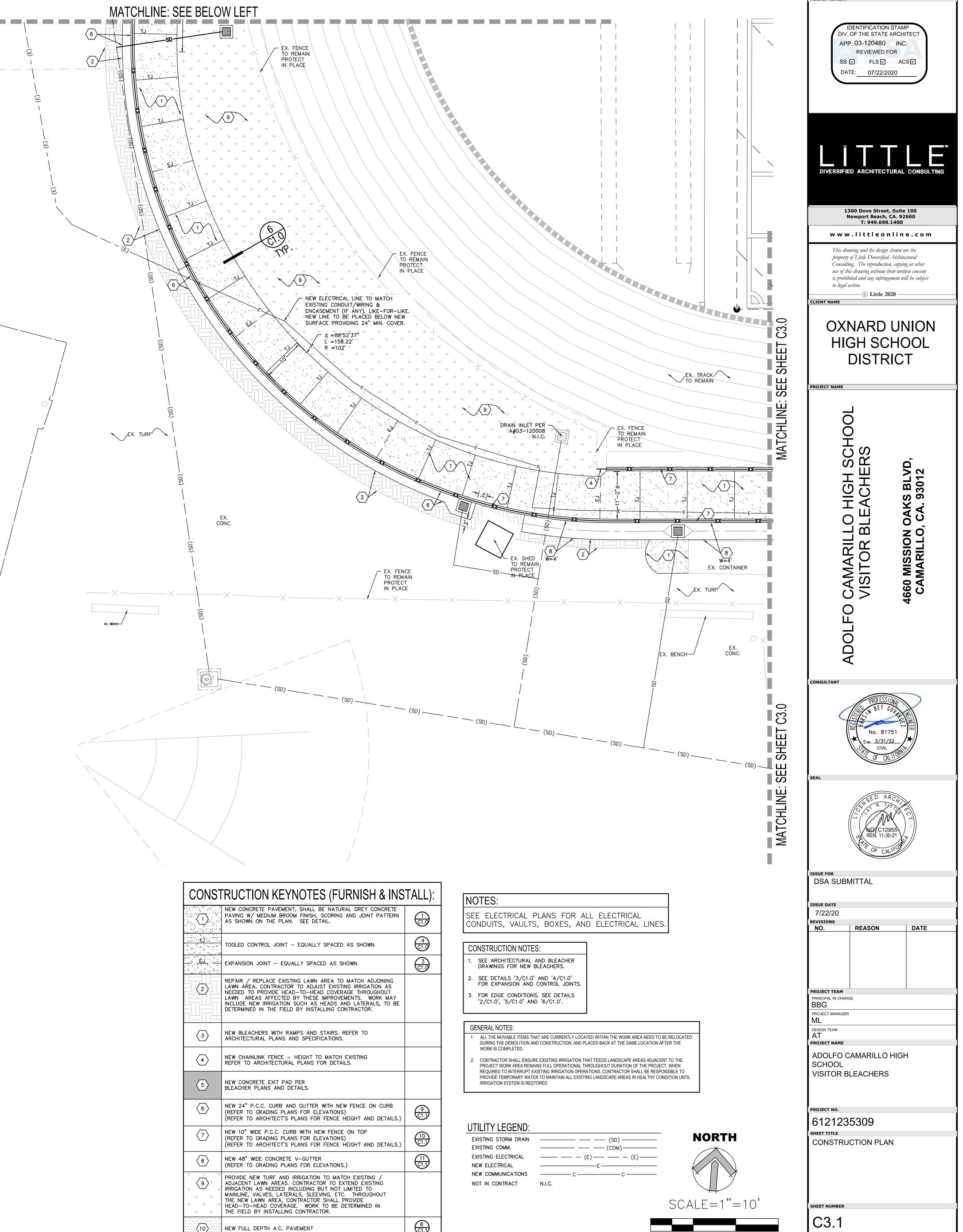
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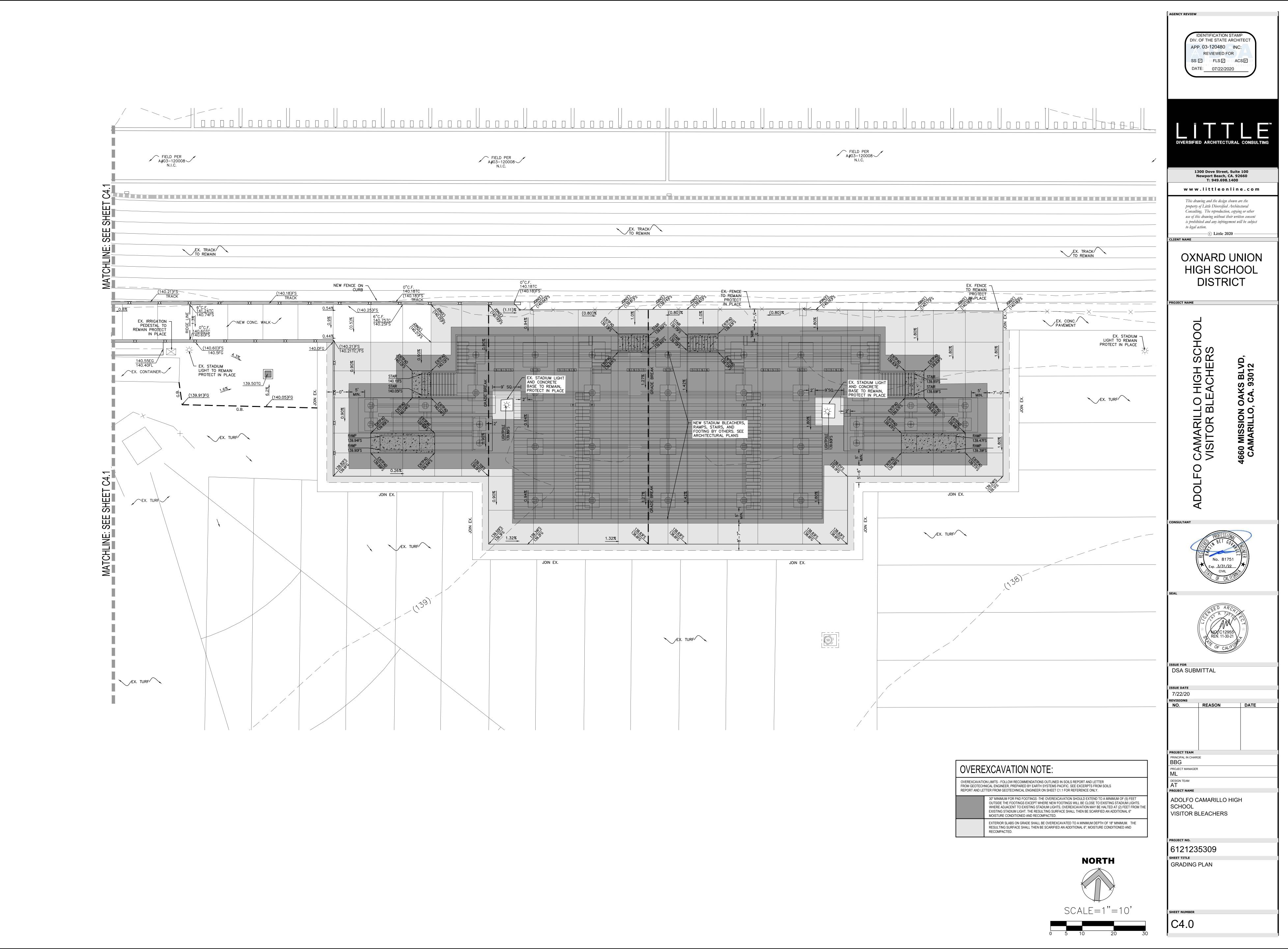


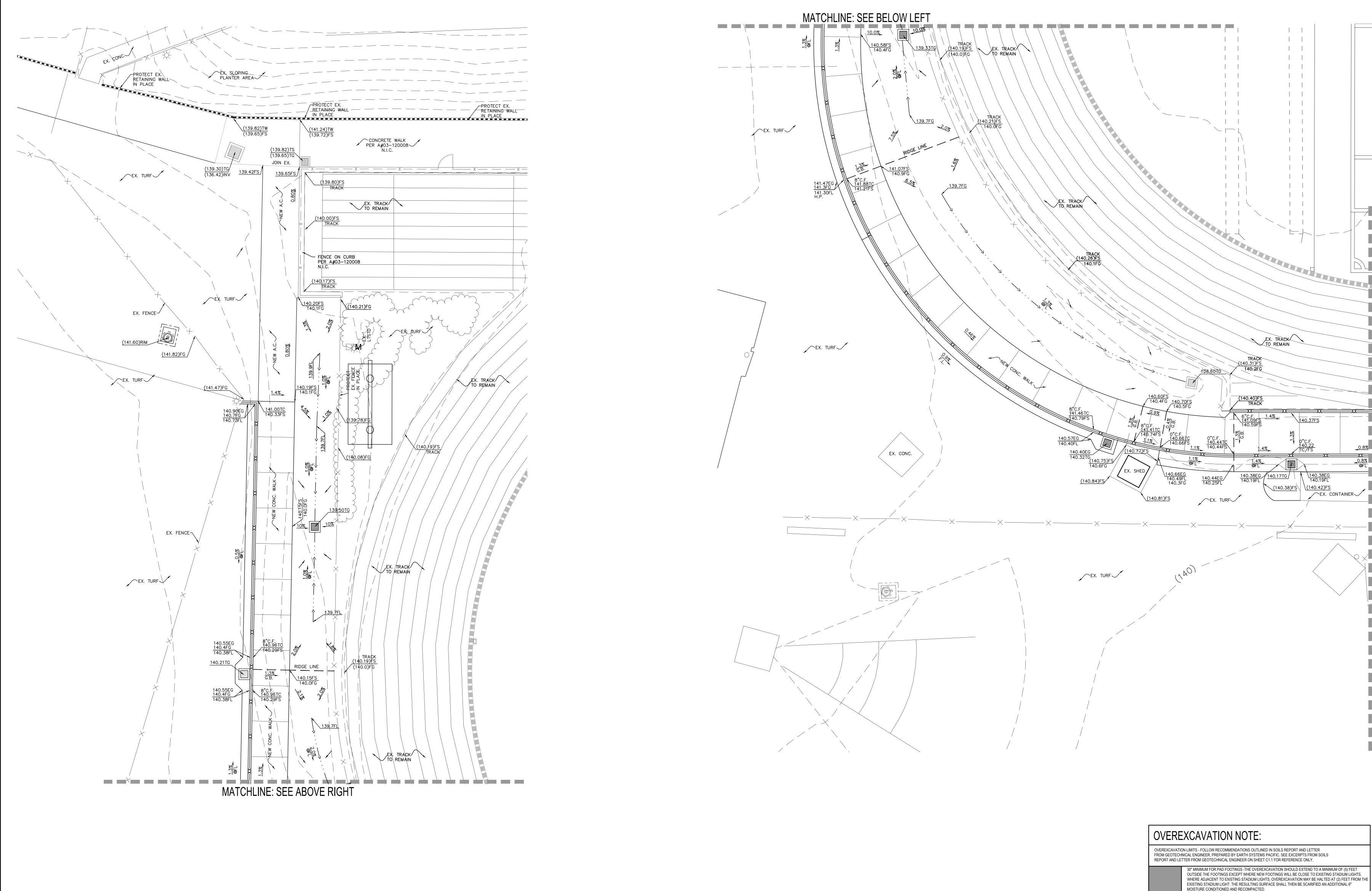


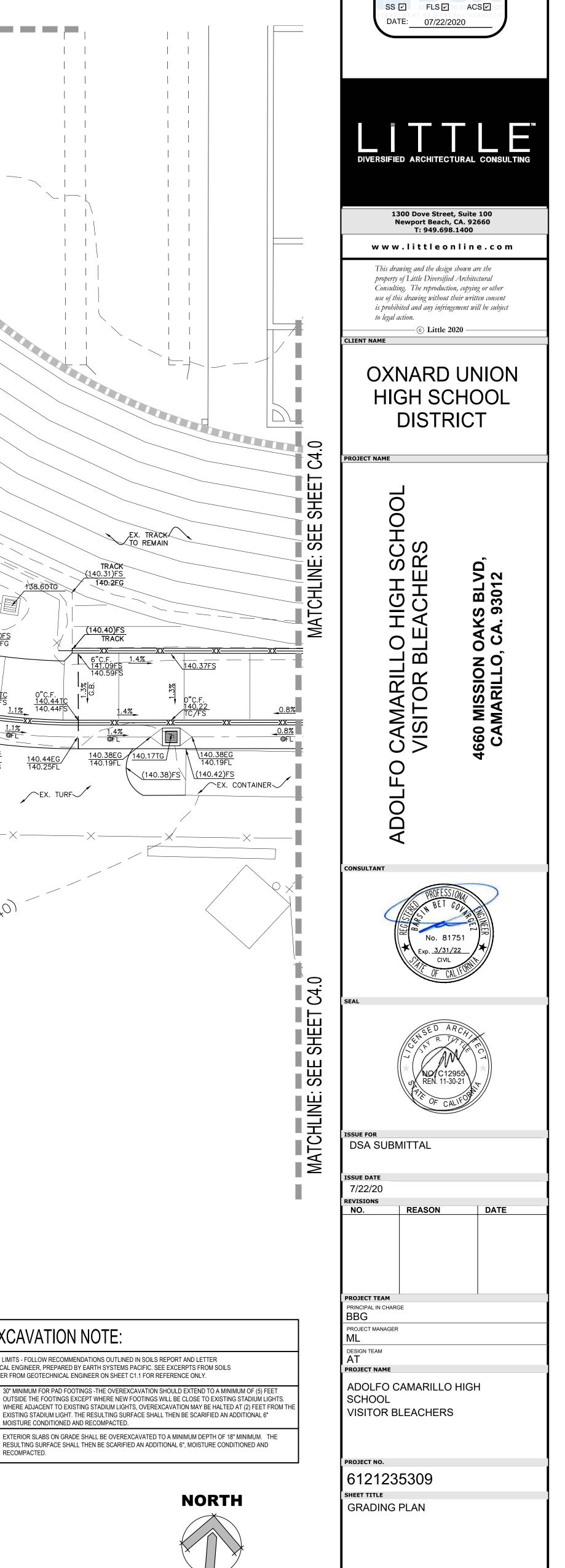












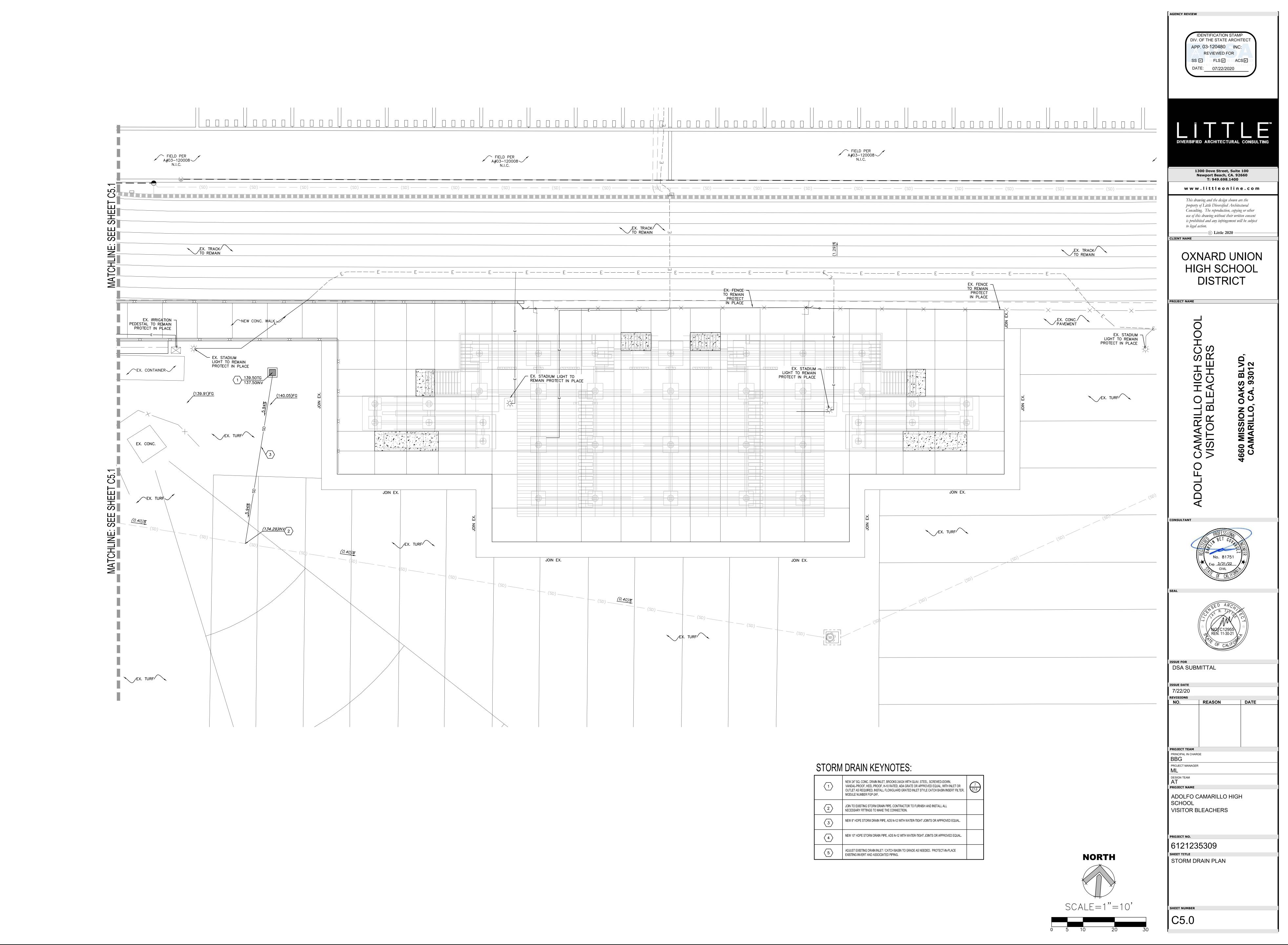
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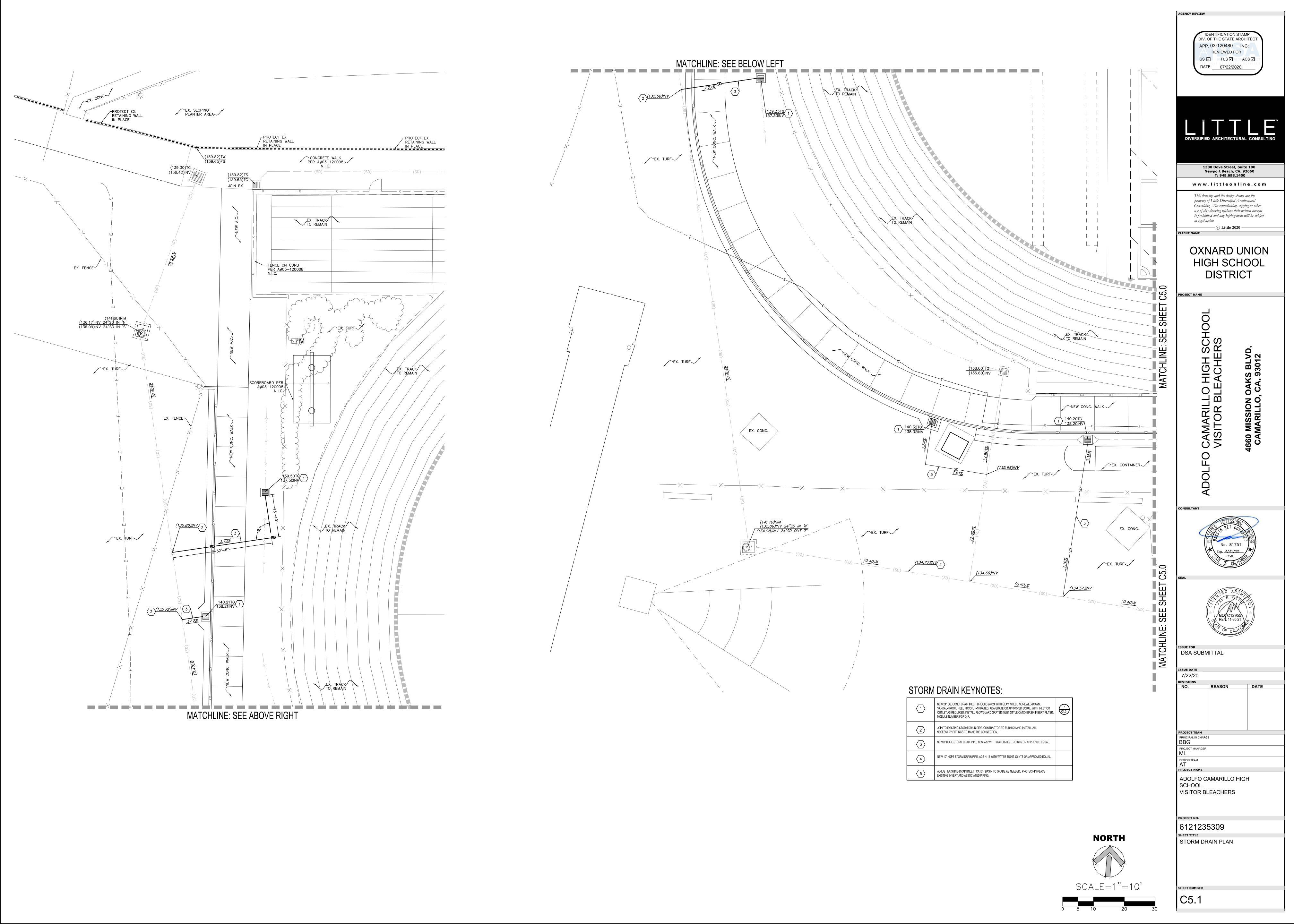
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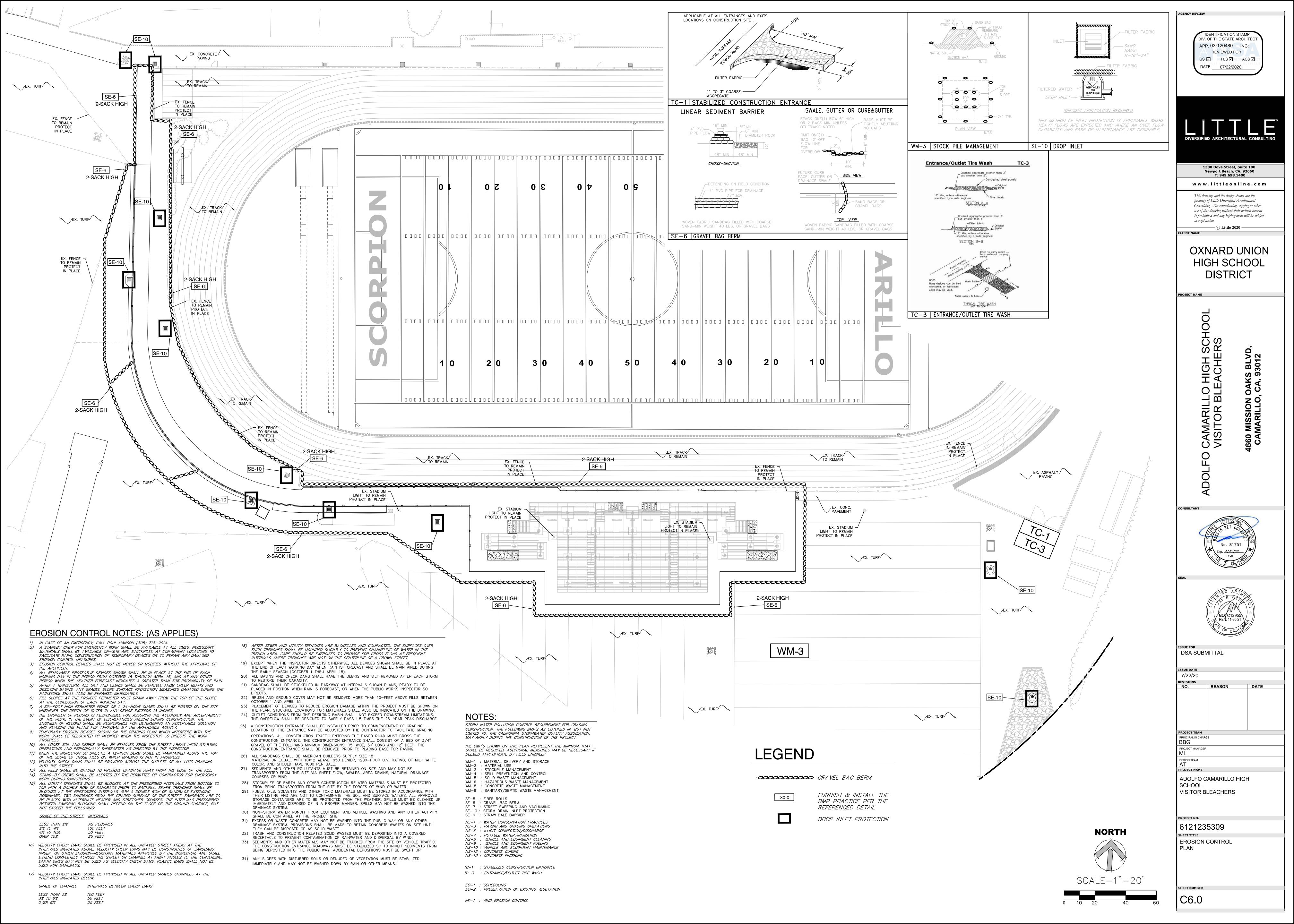
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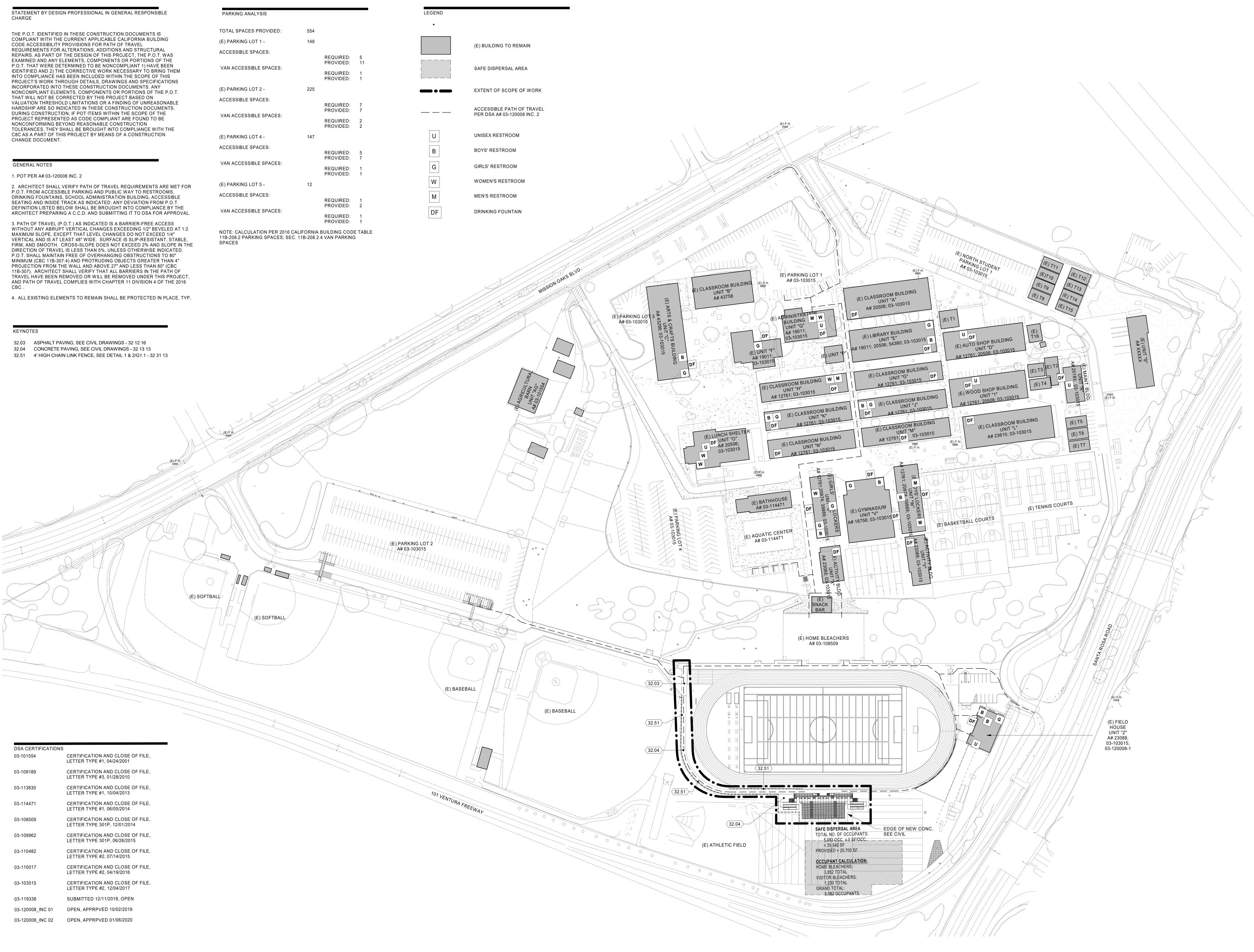
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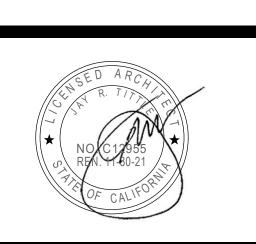
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DSA SUBMITTAL

PROJECT TEAM PRINCIPAL IN CHARGE PROJECT MANAGER

ADOLFO CAMARILLO HIGH SCHOOL VISITOR BLEACHERS

6121235309

OVERALL SITE PLAN 1

OVERALL SITE PLAN

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S CERTIFIED FABRICATOR

OXNARD UNION H.S. DISTRICT ADOLFO CAMARILLO H. S. VISITOR CAMARILLO, CALIFORNIA

SHEET TITLE	SHEET NUMBER
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GENERAL NOTES	B2
FOOTING LAYOUT	B3
FOOTING DETAILS	B4
UNDERSTRUCTURE LAYOUT	B5
ELEVATION VIEWS	B6
SECTION VIEW	B7
SECTION VIEW	B8
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SIGHT LINES	B10
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PLANK DETAILS	B18
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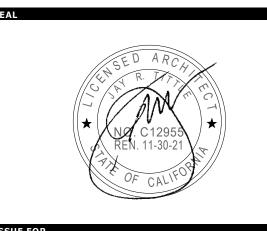
Established 1946

REVISION 1 7/13/2020

GENERAL INFORMATION RISE: 8" & 12" TREAD: 26" ROWS: LENGTH: 133'-6" SEAT COUNT: 1230

> DATE: 4/20/20 JOB #20013 OXNARD UNION H.S. DISTRICT ADOLFO CAMARILLO H. S. VISITOR CAMARILLO, CALIFORNIA

B1 B20



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ADOLFO CAMARILLO HIGH SCHOOL VISITOR BLEACHERS

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COVER PAGE

	FOUNDATION:	NUST NOT BE MADE PUBLIC OR COPIED. THIS DRAWING IS LOANED SUBJECT TO RE-TURN UPON DEMA	CONCRETE - EPOXY ANCHORED THREADED RODS:
GENERAL REQUIREMENTS: 1. CONFLICTS: NOTES AND DETAILS ON THE DRAWINGS TAKE PRECEDENCE OVER THE GENERAL	GEOTECHNICAL INVESTIGATION: EARTH SYSTEMS	MAXIMUM SIZE AGGREGATE SHALL BE AS FOLLOWS:	MATERIALS: (ICC ESR 3187)
NOTES AND TYPICAL DETAILS IN CASE OF CONFLICT.	DATED: 04/09/20 REPORT DATA: PROJECT NO. 303275-003	1 1/2"Ø AGGREGATE FOR CONCRETE SHALL CONFORM TO ASTM C33. GRADING OF AGGREGATE SHALL CONFORM TO TITLE 24, PART 2	HILTI HIT-HY200 EPOXY ADHESIVE CONCRETE (MIN)
2. CODES: ALL MATERIALS AND WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2, 2019 CALIFORNIA BUILDING CODE (CBC).	2. SOIL PRESSURES: SOIL BEARING	CHAPTER 19-A. CBC.	NUTS ASTM A-563 HEX, GRADE A
3. SIMILAR WORK: WHERE CONSTRUCTION DETAILS ARE NOT SHOWN OR NOTED FOR ANY PART OF THE WORK, SUCH DETAILS SHALL BE THE SAME AS FOR SIMILAR WORK SHOWN ON THE DRAWINGS.	COEFFICIENT OF FRICTION	 MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE 3,000 PSI. SLUMP = 5" MAX. W/C RATIO IS 0.50 MAX. 	2. INSTALLATION:A. CARBIDE-TIPPED DRILL BITS ANSI B212.15-1994.
4. EXCAVATIONS: OWNER TO LOCATE AND PROTECT UNDERGROUND OR CONCEALED CONDUIT, PLUMBING OR OTHER UTILITIES WHERE NEW WORK IS BEING PERFORMED.	3. SOIL REMOVAL AND RECOMPACTION: PER GEOTECHNICAL INVESTIGATION AND THE CONTRACT DOCUMENTS. SOILS WORK SHALL BE OBSERVED AND TESTED BY THE GEOTECHNICAL ENGINEER.	3. ALL REINFORCING SHALL BE ASTM A615 GRADE 40 FOR #3, GRADE 60 FOR #4 AND LARGER. REINF. TO BE WELDED SHALL BE ASTM A706.	B. HOLES DRILLED WITH HOLLOW BIT, NO CLEANING OR BRUSHING REQU
DESIGN CRITERIA	4. GEOTECHNICAL ENGINEER: SHALL OBSERVE FOOTINGS BEFORE PLACEMENT OF REINFORCING OR CONCRETE. FOOTING OBSERVATION AND COMPACTION REPORTS SHALL BE SENT TO THE ARCHITECT AND DSA.	4. ALL DIMENSIONS SHOWN FOR LOCATION OF REINFORCING STEEL ARE TO FACE OF BAR AND DENOTE CLEAR COVERAGE. UNLESS SPECIFICALLY NOTED, CONCRETE COVERAGE SHALL BE AS FOLLOWS:	C. INSTALLATION AND ALLOWABLE LOADING: HILTI HIT-HY200
DEAD LOADS: BLEACHERS (INCLUDES GIRDERS)	5. SOIL PREPARATION: AS INDICATED IN THE GEOTECHNICAL INVESTIGATION REPORT AND AS SPECIFIED IN THE PROJECT SPECIFICATIONS. COORDINATE WITH GEOTECHNICAL ENGINEERS.	3" FOR CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) 2" FOR CONCRETE EXPOSED TO GROUND OR WEATHER BUT PLACED IN FORMS. PLACE REINF. AT MID-THICKNESS FOR SLABS ON GROUND.	HARD ROCK TEST VALUES CONCRETE ROD BIT DIAM. MIN. ALLOW. LOAD MIN DIAM. (IN.) EMBED. TENSION SHEAR EDGE
LIVE LOAD	6. MANDATORY MINIMUM FORMWORK (unless fully formed).	5. CONCRETE SHALL NOT BE DROPPED THROUGH REINF. STEEL (AS IN WALL) SO TO CAUSE	(IN.) (IN.) (IN.) (IN.) (ISS.) (ISS.) DIST. (IN.) (ISS.) (
FOOTBOARDS	3 f" MIN. STARTER WALL \ A ETED SET CLEAN TO DEMOVE	SEGREGATION OF AGGREGATES. IN SUCH CASES, HOPPERS AND VERTICAL CHUTES OR TRUNKS SHALL BE USED. CHUTES OR TRUNKS SHALL BE OF VARIABLE LENGTHS SO THAT FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED FIVE (5) FEET AND SUFFICIENT NUMBER SHALL BE USED TO	1/2 9/16 4-1/2 2,400 2,375 6-3/8 5/8 3/4 5-5/8 3,595 3,375 7-1/2
GUARDRAILS AND HANDRAILS* 50 PLF * OR A 200 POUND CONCENTRATED LOAD APPLIED TO RAIL AT ANY	AFTER SET-CLEAN TO REMOVE REQ'D FOR FTGS. BELOW GRADE CURB OR 2" PLANKING, TYP.	INSURE THE CONCRETE BEING LEVEL AT ALL TIMES.	3/4 7/8 6-3/4 5,025 4,600 10-1/8 7/8 1 7-7/8 5,340 5,330 11-5/8
POINT IN ANY DIRECTION.	CONT. MIN. CLEANOUT FORMWORK SPECIFICATIONS	6. HORIZONTAL CONSTRUCTION JOINTS SHALL HAVE ENTIRE SURFACE REMOVED TO EXPOSED CLEAN AGGREGATE SOLIDLY EMBEDDED.	1 1-1/8 9 6,440 6,140 13-1/2 1-1/4 1-3/8 11-1/4 8,645 8,875 14-1/2
3. LATERAL LOADS:	APPLICABLE CUT BACK	7. ALL STEEL COLUMN BASE PLATES AND STEEL BEAMS BEARING ON CONCRETE SHALL BEAR UPON 1" DRYPACK AND LEVELING NUTS EXCEPT AS NOTED OTHERWISE.	3. CAPACITY LOADS ARE STRENGTH DESIGN LOADS.
A) SEISMIC - SHORT PERIOD SPECTRAL RESPONSE	SPALL STAKES NOT PERMITTED WITHIN FTG. SPALL STAKES NOT PERMITTED WITHIN FTG. SECTION FOOTING DESIGN SHOULD BE FORMWORK NOT TO CHECKED FOR STRESS USING THE	8. WHERE STEEL MEMBERS BEAR IN CONCRETE, GAPS BETWEEN BASE PLATE AND CONCRETE SHOULD BE DRY-PACKED WITH GROUT AFTER STEEL IS IN PLACE. GROUT SHALL BE PER CONCRETE	4. DO NOT INSTALL IN CONCRETE THAT IS LESS THAN 7 DAYS OLD.
SPECTRAL RESPONSE S1 = 0.597 g SITE CLASSIFICATION E SITE COEFFICIENT Fa = 1.000	PERMITTED BELOW GRADE UNLESS FULLY FORMED. CHECKED FOR STRESS USING THE NOMINAL DIMENSIONS. FOUNDATION SETTLEMENTS IF CRITICAL SHOULD BE BALANCED FORMED (NOMINAL	9. PROVIDE MINIMUM LAP SPLICES FOR CONTINUOUS REINFORCEMENT PER THE SCHEDULE PROVIDED	5. MINIMUM MEMBER THICKNESS TO RECEIVE ROD SHALL BE NO LESS THA EMBEDMENT DEPTH.
SITE COEFFICIENT $Fv = 4.000$ ADJUSTED SPECTRAL RESPONSE $Sms = 1.649 g$	DIMENSIONS) AND UNFORMED (TRENCH DIMENSIONS). ON DRAWINGS + 2"	BELOW. PROVIDE MINIMUM DEVELOPMENT FOR HOOKED BARS PER THE SCHEDULE BELOW.	6. ANCHORS SHALL BE INSTALLED IN HAMMER DRILLED HOLES
ADJUSTED SPECTRAL RESPONSE	A. STARTER WALL REQUIRED FOR ALL MASONRY OR CONCRETE WALLS.		STRUCTURAL STEEL:
RISK CATEGORY: III I = 1.25	B. FOUNDATION CONCRETE MAY BE PLACED DIRECTLY INTO NEAT EXCAVATIONS PROVIDED THE FOUNDATION TRENCH WALLS ARE STABLE AS DETERMINED BY THE ARCHITECT (STRUCTURAL ENGINEER) SUBJECT TO THE APPROVAL OF THE DIVISION OF THE STATE ARCHITECT. IN SUCH CASE	TYPICAL LAP SPLICES AND DEVELOPMENT U.N.O. PER PLAN	CODES: AISC SPECIFICATION FOR STRUCTURAL STEEL FOR BUILDINGS; M. CONSTRUCTION (14TH EDITION); STRUCTURAL WELDING CODE AWS D1.
SEISMIC DESIGN CATEGORY D	THE MINIMUM FORMWORK SHOWN ON THE DRAWINGS IS MANDATORY TO INSURE CLEAN EXCAVATIONS IMMEDIATELY PRIOR TO AND DURING THE PLACING OF CONCRETE.	3000 psi Conc., 60 ksi Rebar, 2" Clr. Min. Bar Size Hook Dev. Lap Splice Length (Ldh)	PIPES SHALL BE IDENTIFIED WITH MILL IDENTIFICATION IN ACCORDANC AND TUBE SHAPES IN ACCORDANCE WITH ASTM A-500.
	7. FOUNDATIONS GEOTECHNICAL / GRADING REQUIREMENTS:	#3 6" 23" #4 8" 30"	2. IDENTIFICATION: ROLLED STRUCTURAL STEEL SHAPES SHALL BE IDENTIFIED IDENTIFICATION MARKS IN CONFORMANCE WITH ASTM A6.
	GRADE - SEE CIVIL DRAWINGS	#5 10" 37" #6 12" 46"	3. MATERIALS: STRUCTURAL SHAPES
	5'-0" MINIMUM COVER	#7 14" 66" Depth Required	WIDE FLANGE
LATERAL SYSTEMS: RISK CATEGORY: III		Per Details	SWAYRODS
SEISMIC IMPORTANCE FACTOR			PLATES GREATER THAN ½" THICK ASTM A572 Gr. 50 (Fy = 50 ksi Min. BOLTS
SPECTRAL RESPONSE		4d, 2 1/2" Min. Depth Required	NUTS
DESIGN SPECTRAL RESPONSE	DEPTH OF SOIL PREPARATION AS REQUIRED BY SOILS	12d (#6 & Larger Bars) 6d (#5 & Smaller Bars) Per Details	ANCHOR BOLTS ASTM A36 OR ASTM A307 (Fy=36 k (HOT DIP GALVANIZED) UNO
R = 1.25 Rho = 1	REPORT STATE OF THE PORT		4. WELDING: ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D1.1. AROUND WITH TYPE ER70S-6 WIRE MIG U.N.O.
Cs = 1.099 *W (1.0E longitudinal) V = pCsW = 1.099W (1.0E strength) ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE	CONCRETE WEDGE ANCHORS:	STANDARD TIES & STIRRUPS STANDARD END HOOKS	5. ALL STEEL SHALL BE HOT DIP GALVANIZED TO CURRENT A.S.T.M. A-123.
A) WIND:	1. ANCHOR DIAMETER REFERS TO THE THREAD SIZE FOR THE WEDGE ANCHOR.	Bar D H Size D J	6. ALL FIELD CONNECTIONS ARE NON-SLIP CRITICAL U.N.O. ALL CONNECT TO UTILIZE A307 BOLTS, IT IS ACCEPTABLE TO USE A325N BOLTS IN LIEU OI THE INSTALLATION OF THESE BOLTS ARE TO BE TIGHTENED A SNUG TIGHT
1. ULTIMATE DESIGN WIND SPEED, Vuit = 101 mph 2. RISK CATEGORY = III 3. WIND EXPOSURE = C	 APPLY PROOF TEST LOADS TO WEDGE ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. IF NOT, REMOVE NUT & INSTALL A THREADED COUPLER TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH & APPLY LOAD. 	#3	SPECIFIED BY AISC. 7. SWAYROD THREADS SHALL BE PINGED WITH A HAMMER TO ELIMINATE R
4. APPLICABLE INTERNAL PRESSURE COEFFICIENT (GCpi)=0.55	3. REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURE(S).	#7 5 1/4" 5 1/4" #7 5 1/4" 7" #8 6" 8" 8" NOTE: All bar bend diameters and end lengths #10 10 3/4" 13 1/4"	AFTER FINAL TIGHTENING.
	4. TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES.	must conform to the CRSI Manual of Standard Practice.	
	5. THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS:		
	HYDRAULIC RAM METHOD: THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE APPLICABLE TEST LOAD. FOR WEDGE ANCHORS, A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER UNDER THE NUT BECOMES LOOSE.		
	TORQUE WRENCH METHOD: WEDGE TYPE: THE A PRINCA RUE TEST TORQUE MALIST RE REA CHED MATURATURA THE FOLLOWING HAMTS:		
	THE APPLICABLE TEST TORQUE MUST BE REACHED WITHIN THE FOLLOWING LIMITS: ONE-HALF (1/2) TURN OF THE NUT: ONE-QUARTER (1/4) TURN OF THE NUT FOR		
	THE 3/8 IN. SLEEVE ANCHOR ONLY.		
	 TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE SUBJECT ANCHORS. TESTING VALUES: HILTI KB TZ ICC-ESR-1917 		
	HARD ROCK TEST VALUES CONCRETE ANCHOR MINIMUM ALLOWABLE TORQUE (FTLBS.) (IN.) LOAD (LBS.)		
	$3/8$ $2\frac{5}{16}$ $2,560$ 25 $1/2$ $3\frac{5}{8}$ $5,610$ 40 $5/8$ $4\frac{7}{16}$ $9,300$ 60 $3/4$ $5\frac{5}{16}$ $10,860$ 110		

MENTAL TO OUR INTERESTS.

		HARD F	HILTI HIT- ROCK TEST V,		CRETE		
ROD DIAM. (IN.)	BIT DIAM. (IN.)	MIN. EMBED. (IN.)	ALLOW. TENSION (LBS.)	LOAD SHEAR (LBS.)	MIN EDGE DIST. (IN.)	TIGHT. TORQUE (FT. LBS.)	TENSION TEST LOAD (LBS.)
3/8	7/16	3-3/8	1,370	1,320	5-1/4	18	2,700
1/2	9/16	4-1/2	2,400	2,375	6-3/8	30	4,800
5/8	3/4	5-5/8	3,595	3,375	7-1/2	75	7,200
3/4	7/8	6-3/4	5,025	4,600	10-1/8	150	10,050
7/8	1	7-7/8	5,340	5,330	11-5/8	175	10,070
1	1-1/8	9	6,440	6,140	13-1/2	235	13,000
1-1/4	1-3/8	11-1/4	8,645	8,875	14-1/2	400	17,300

an 1.5 times the anchor

MANUAL OF STEEL .1 AND AWS D1.4. CE WITH ASTM A-53

D WITH MILL

= 50 ksi Min.), UNO si Min.), UNO si Min.), UNO , UNO .), UNO T DIP GALVANIZED) TALLIC) ksi Min.)

WELDS ARE ALL

TIONS ARE DESIGNED OF THE A307 BOLTS. T CONDITION AS

REMOVAL OF NUT,

ALUMINUM:

SHAPES.....ALLOY 6061-T6 OR 6005-T5 (Fy = 35 KSI) PLANKING......ALLOY 6063-T6 (Fy = 25 KSI)

2. DISSIMILAR MATERIALS: WHERE ALUMINUM SURFACES ARE IN CONTACT WITH STEEL, THE STEEL SHALL BE GALVANIZED.

3. MILL FINISHED ALUMINUM WILL BECOME DISCOLORED DUE TO OXIDATION WHICH IS A natural phenomenon & Should be expected.

4. ANODIZED ALUMINUM HANDRAIL IS 1 1/4" PIPE SIZE.

5. ALUMINUM TO CONFORM TO 2015 ALUMINUM DESIGN MANUAL. SPECIAL INSPECTION/INSPECTOR REQUIREMENTS

REQUIREMENTS FOR SPECIAL INSPECTION:

1. PROJECT INSPECTOR: IN ACCORDANCE WITH TITLE 24, PART I, SECTIONS 4-333 AND 4-342.

2. CERTIFIED SPECIAL INSPECTOR: EMPLOYED BY THE DISTRICT AND APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER AND DSA.

3. REPORTS: PREPARED BY THE SPECIAL INSPECTOR AND SIGNED BY A CIVIL ENGINEER. SUBMITTED TO THE DSA, THE ARCHITECT, AND ENGINEER. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION; THEN, IF NOT CORRECTED, TO THE ARCHITECT, ENGINEER AND THE DSA (CBC 1704A.2.4).

4. THE SPECIAL INSPECTION IS TO BE CONTINUOUS DURING THE PERFORMANCE OF THE WORK UNLESS OTHERWISE SPECIFIED.

SUMMARY OF STRUCTURAL CONTINUOUS AND PERIODIC SPECIAL

1. RESPONSIBILITY: IT IS THE RESPONSIBILITY OF THE PROJECT INSPECTOR TO INFORM THE SPECIAL INSPECTOR OR INSPECTION AGENCY AT LEAST ONE WORKING DAY PRIOR TO PERFORMING ANY WORK THAT REQUIRES SPECIAL INSPECTION.

2. SPECIAL INSPECTIONS: A) CONCRETE (CBC 1705A.3): DURING THE TAKING OF TEST SPECIMENS AND PLACING OF REINFORCED CONCRETE.

B) BOLTS INSTALLED IN CONCRETE (CBC 1705A.3): PRIOR TO AND DURING THE PLACEMENT OF CONCRETE AROUND BOLTS.

C) REINFORCING STEEL (CBC 1705A.3): DURING PLACING OF REINFORCING STEEL FOR ALL

CONCRETE SPECIFIED TO HAVE SPECIAL INSPECTION.

D) STRUCTURAL WELDING AND FABRICATION (CBC 1705A.2):

i. DURING ALL SHOP AND FIELD WELDING IN ACCORDANCE WITH AWS D1.1 DURING SHOP FABRICATION.

ii. WELDING INSPECTORS ARE TO BE AWS QC-1 CERTIFIED. iv. INSPECTION SHALL BE PER AWS D1.1, D1.3 OR D1.4 AND INCLUDE VERIFICATION THAT THE

WPS IS BEING FOLLOWED. v. ALL STEEL AND WELDING MATERIALS SHALL BE IDENTIFIED AS REQUIRED BY THEIR ASTM OR

vi. ALL SUBMITTED TO THE OWNER BY THEIR WELDING INSPECTOR, NOT THE BLEACHER FABRICATOR.

E) CONCRETE ANCHORS: FOR ALL THREADED ROD AND REINFORCING STEEL ANCHORED WITH EPOXY ADHESIVE IN CONCRETE; FOR ALL EXPANSION ANCHORS IN CONCRETE. INSPECTION / testing shall be in conformance with the anchor manufacturer's evaluation REPORT AND SHALL INCLUDE AS A MINIMUM VERIFICATION OF HOLE DEPTH AND DIAMETER, CLEAN OUT, ALL MATERIALS, INSTALLATION TORQUE AND PROOF LOAD TESTS.

PRINCIPAL

DOLFO CAMARIL

4/20/20 JGS DMc
OB NUMBER

B2 B20

20013

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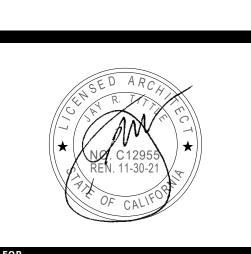
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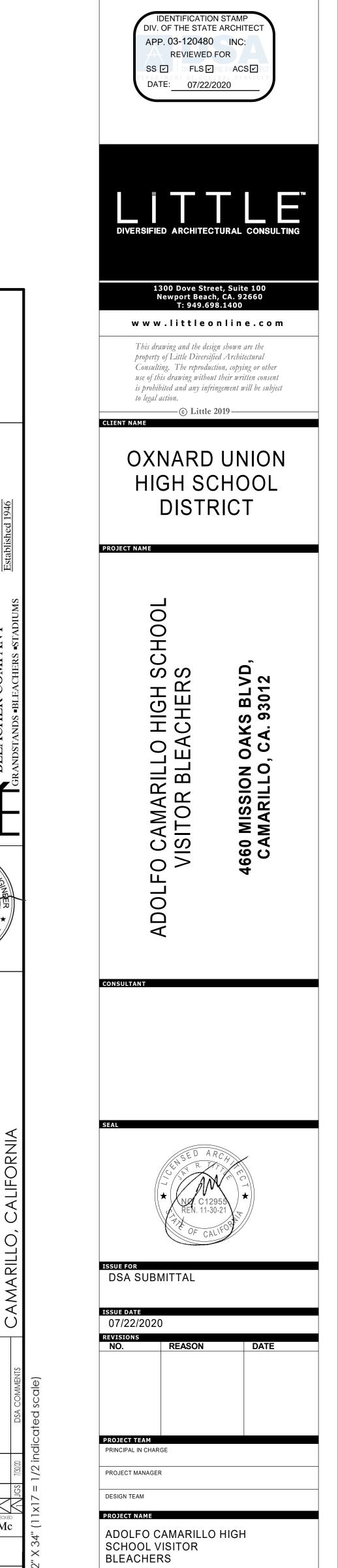
PROJECT TEAM PRINCIPAL IN CHARGE

PROJECT MANAGER

ADOLFO CAMARILLO HIGH SCHOOL VISITOR BLEACHERS

6121235309

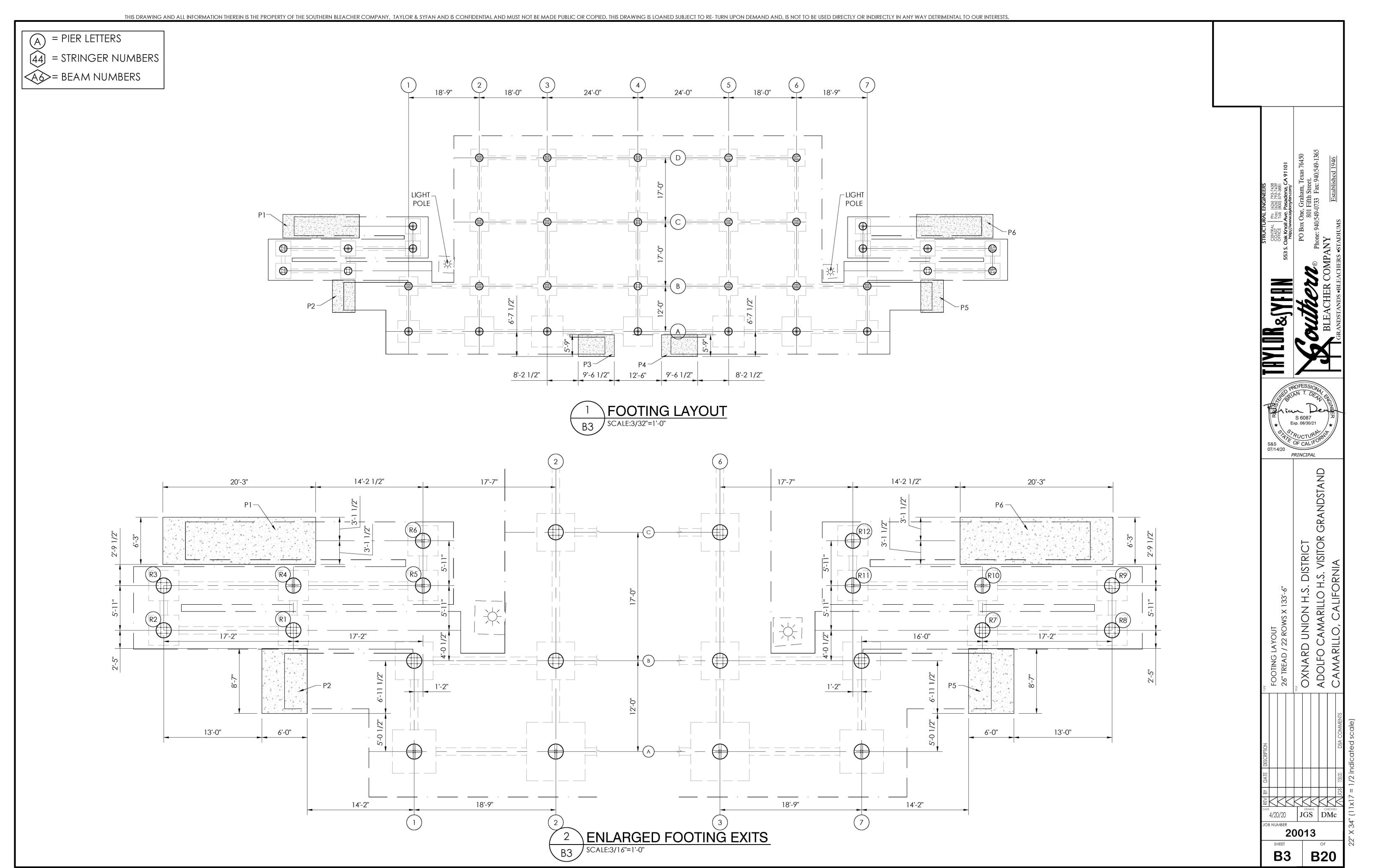
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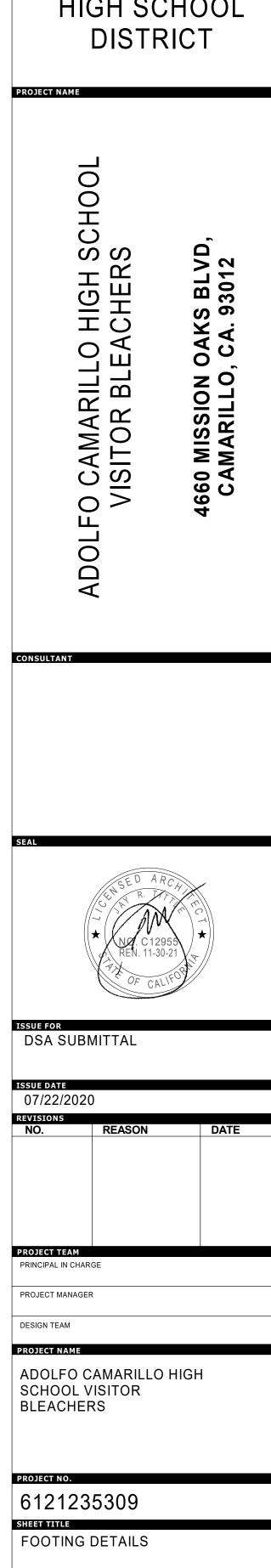


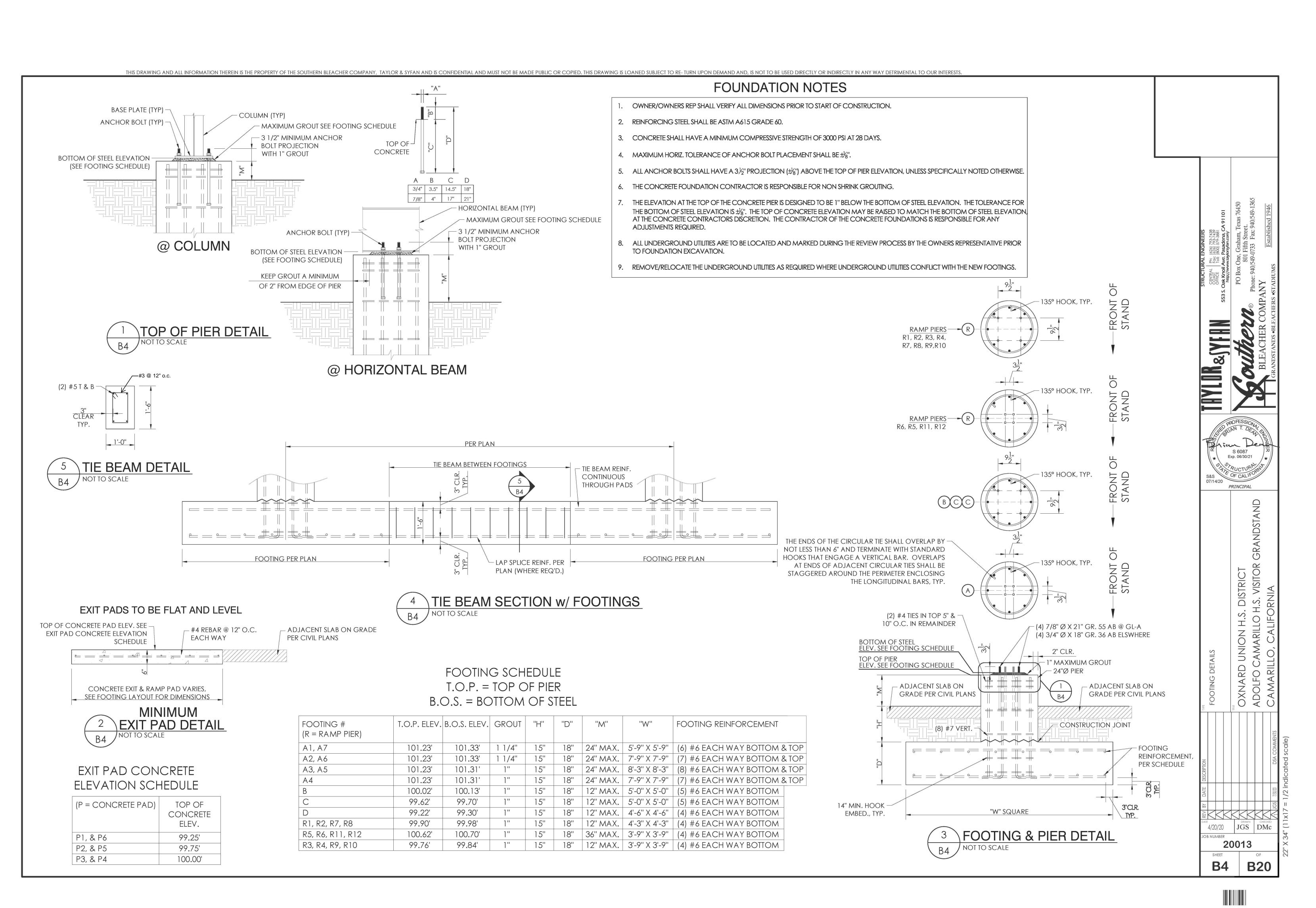
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SHEET TITLE
FOOTING LAYOUT

В3







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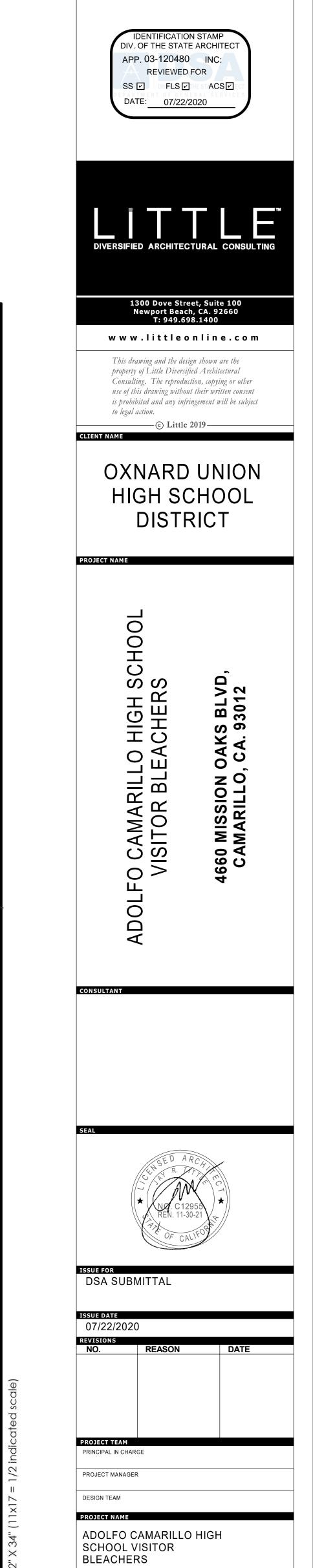
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NOTE: SEATING LAYOUT SHOWN

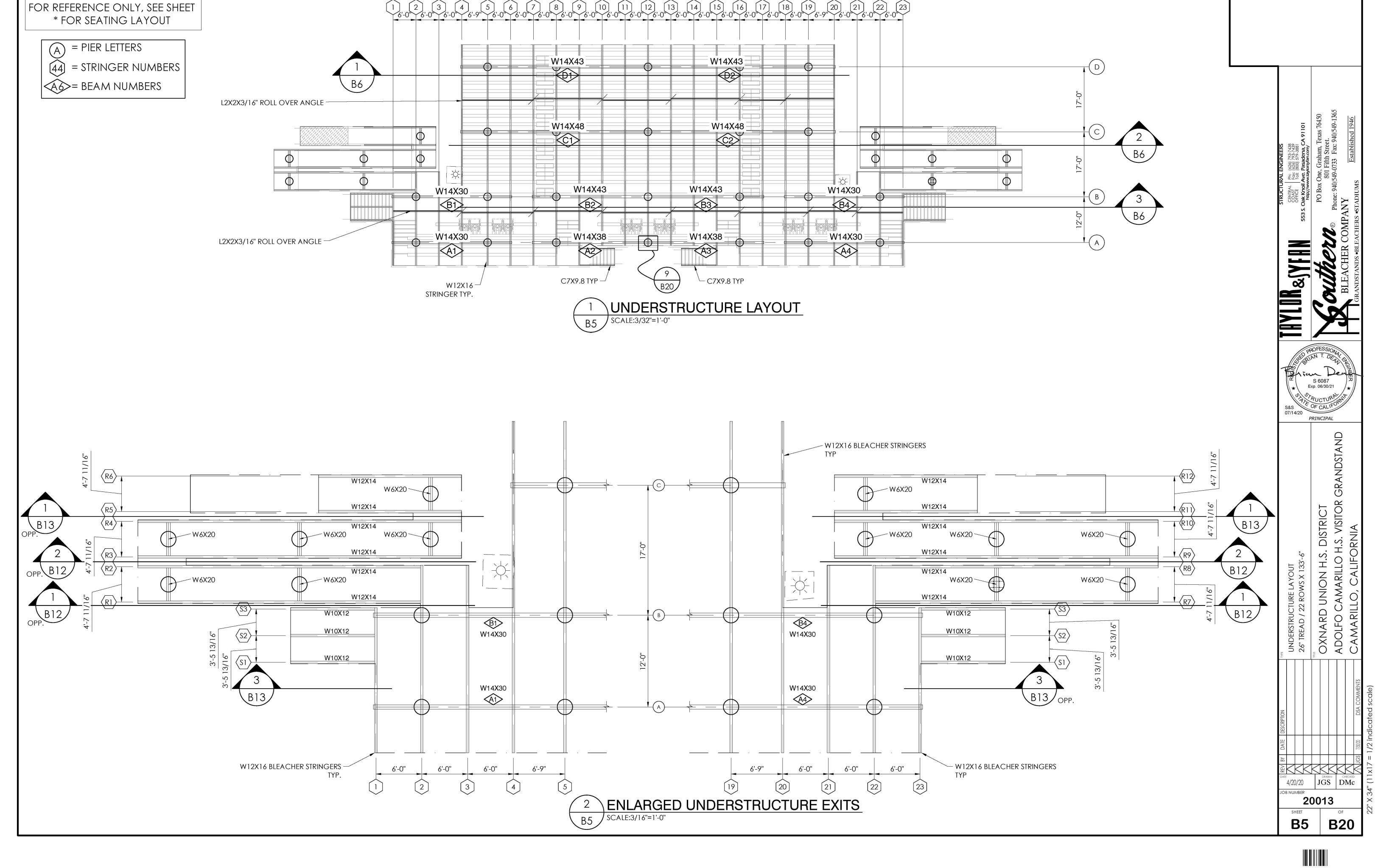


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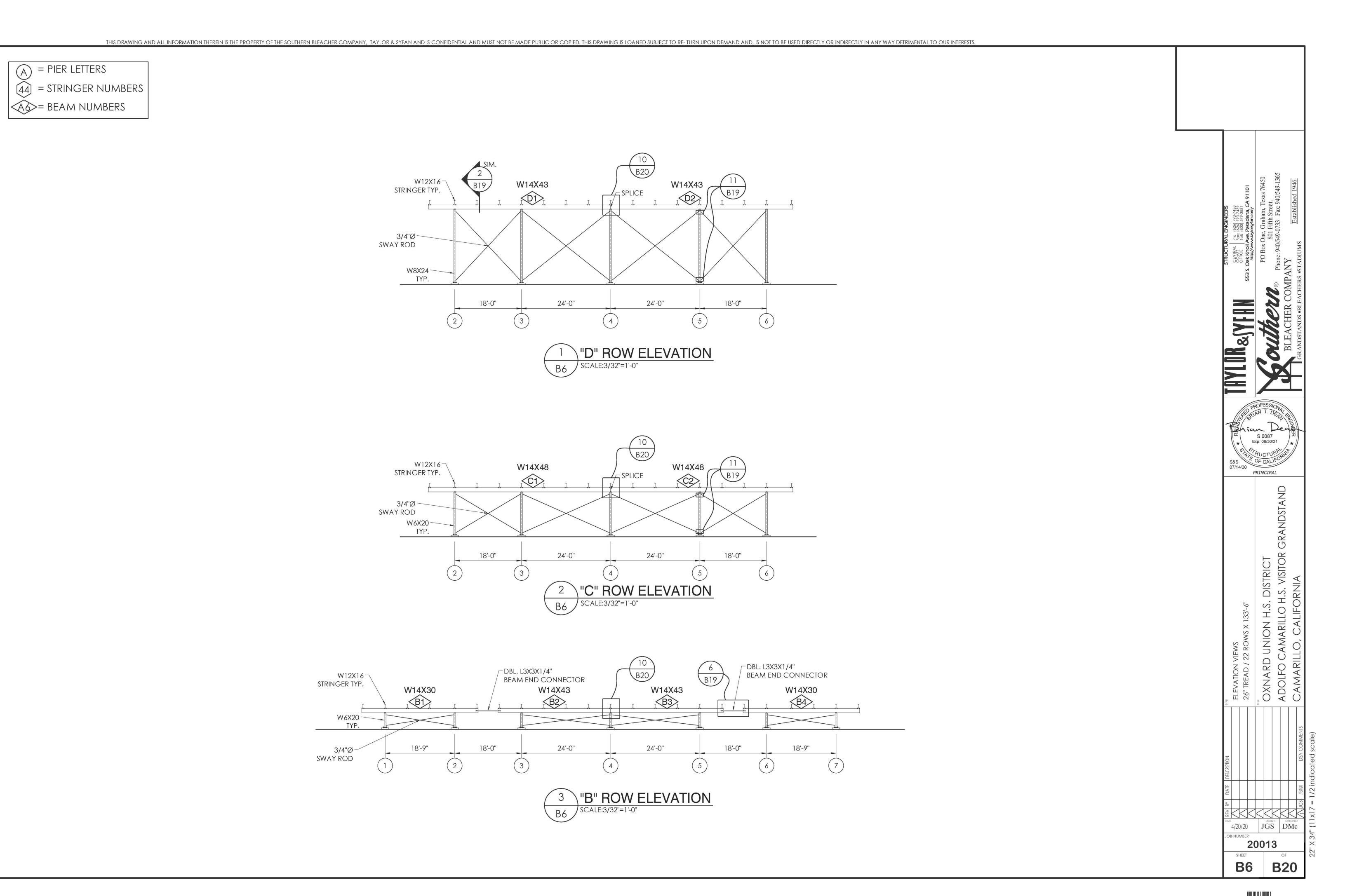
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UNDERSTRUCTURE LAYOUT

B5



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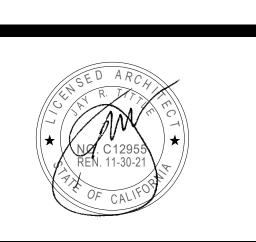
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OXNARD UNION HIGH SCHOOL

HIGH SCHOOL ACHERS 4660 MISSION OAKS BLVD CAMARILLO, CA. 93012 ADOLFO CAMARILLO VISITOR BLEA



DSA SUBMITTAL

07/22/2020 PROJECT TEAM PRINCIPAL IN CHARGE

ADOLFO CAMARILLO HIGH SCHOOL VISITOR BLEACHERS

PROJECT MANAGER

6121235309

ELEVATION VIEWS

ITEM DESCRIPTION

1 W 14 X 30 (50 ksi)

2 W 14 X 38 (50 ksi)

③ W 14 X 43 (50 ksi)

(4) W 14 X 48 (50 ksi)

(5) W 12 X 16 (50 ksi)

6 W 6 X 20 (50 ksi)

7) W 8 X 24 (50 ksi)

8 L 3 X 3 X 1/4 (50 ksi)

9 L 2 X 2 X 3/16 (50 ksi)

(11) 12 X 12 X 5/8 PLATE

12) 6 X 8 X 3/8 PLATE

(13) 8 X 8 X 3/8 PLATE

10) L 2 X 1 1/2 X 3/16 LLV(50 ksi)

(18) 3 X 3/8 GUSSET PLATE (A36)

(19) 2 X 1/4 GUSSET PLATE (A36)

(14) 3/4 X REQ'D LENGTH SWAY ROD (50 ksi)

(16) 9 GAUGE GALV. STEEL CHAINLINK FENCE

(17) ANODIZED ALUMINUM RAIL (SEE NOTES)

(15) 3/4 X 18 (GR. 36) ANCHOR BOLT W/2 HEX HEAD NUTS & FLAT WASHER

20 7/8 X 21 (GR55) ANCHOR BOLT W/2 HEX HEAD NUTS & FLAT WASHER

9 GAUGE GALV. STEEL — CHAINLINK FENCE (TYP)

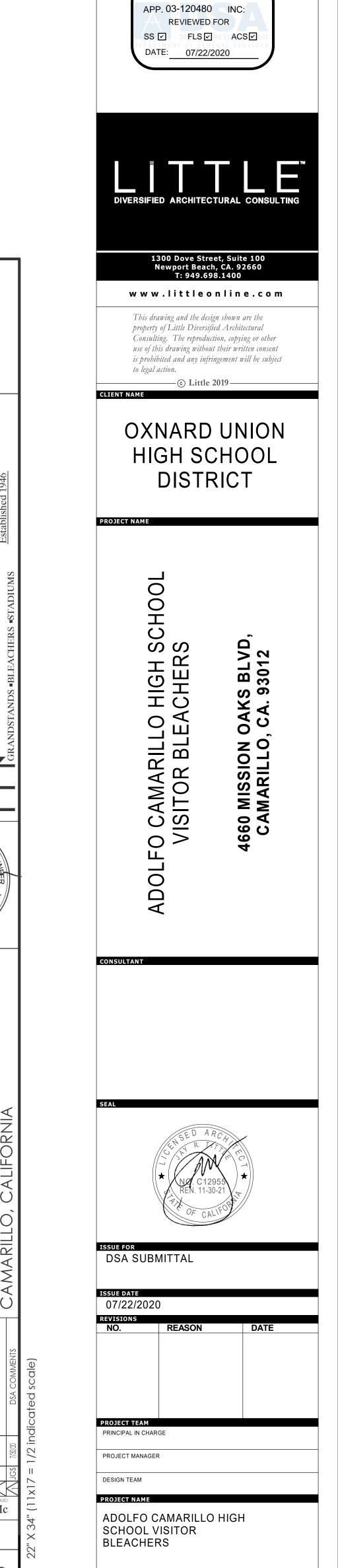
B7 NOT TO SCALE

- GALVANIZED L3X3X1/4

RAIL RISER (TYP)

TYPICAL SIDE RAILING

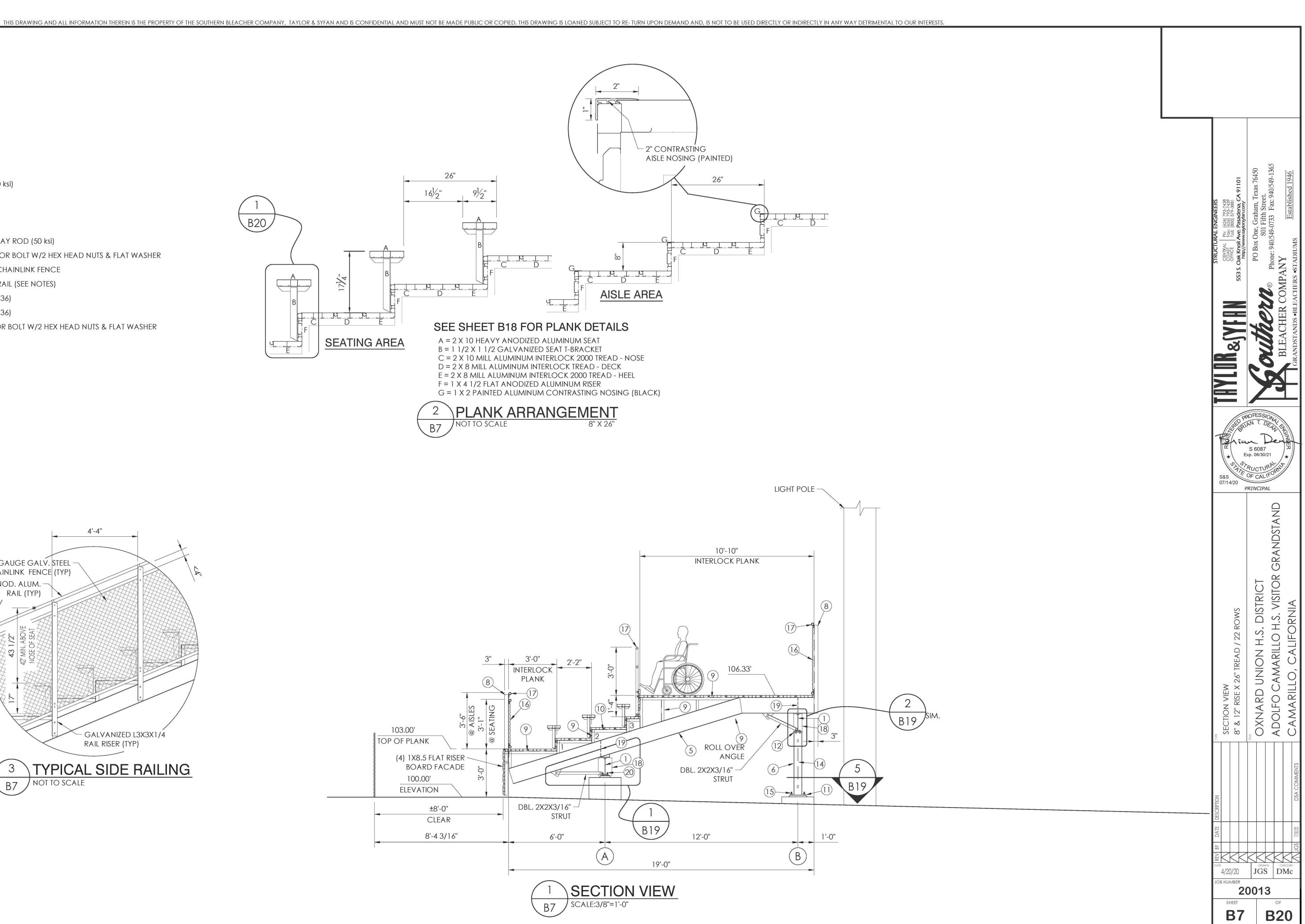
ANOD. ALUM. RAIL (TYP)

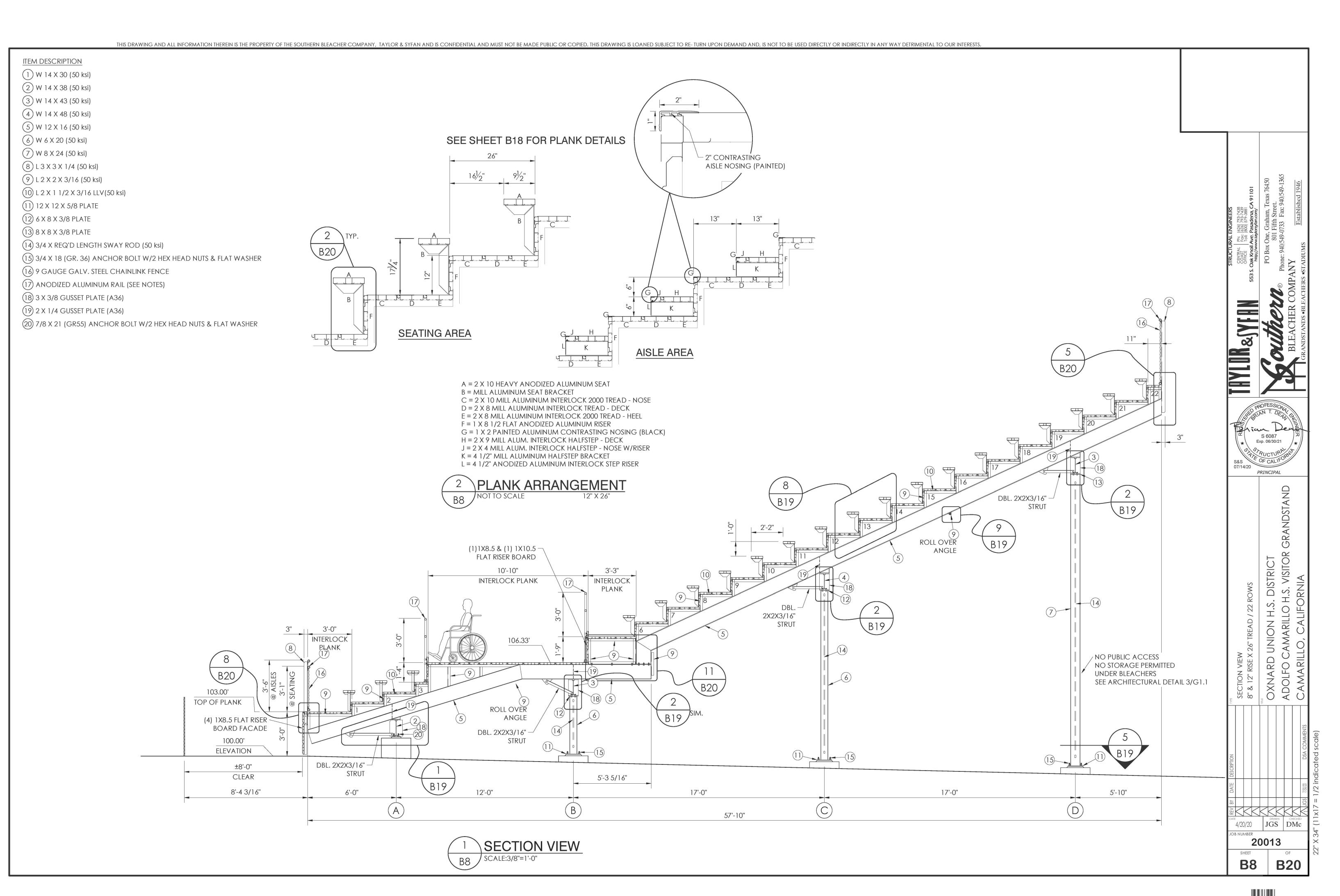


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SECTION VIEW





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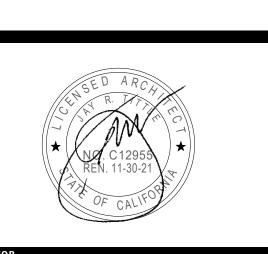
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DISTRICT

ADOLFO CAMARILLO HIGH SCHOOL
VISITOR BLEACHERS
4660 MISSION OAKS BLVD,
CAMARILLO, CA. 93012



DSA SUBMITTAL

ISSUE DATE
07/22/2020

PROJECT TEAM
PRINCIPAL IN CHARGE

ESIGN TEAM

PROJECT MANAGER

ADOLFO CAMARILLO HIGH SCHOOL VISITOR BLEACHERS

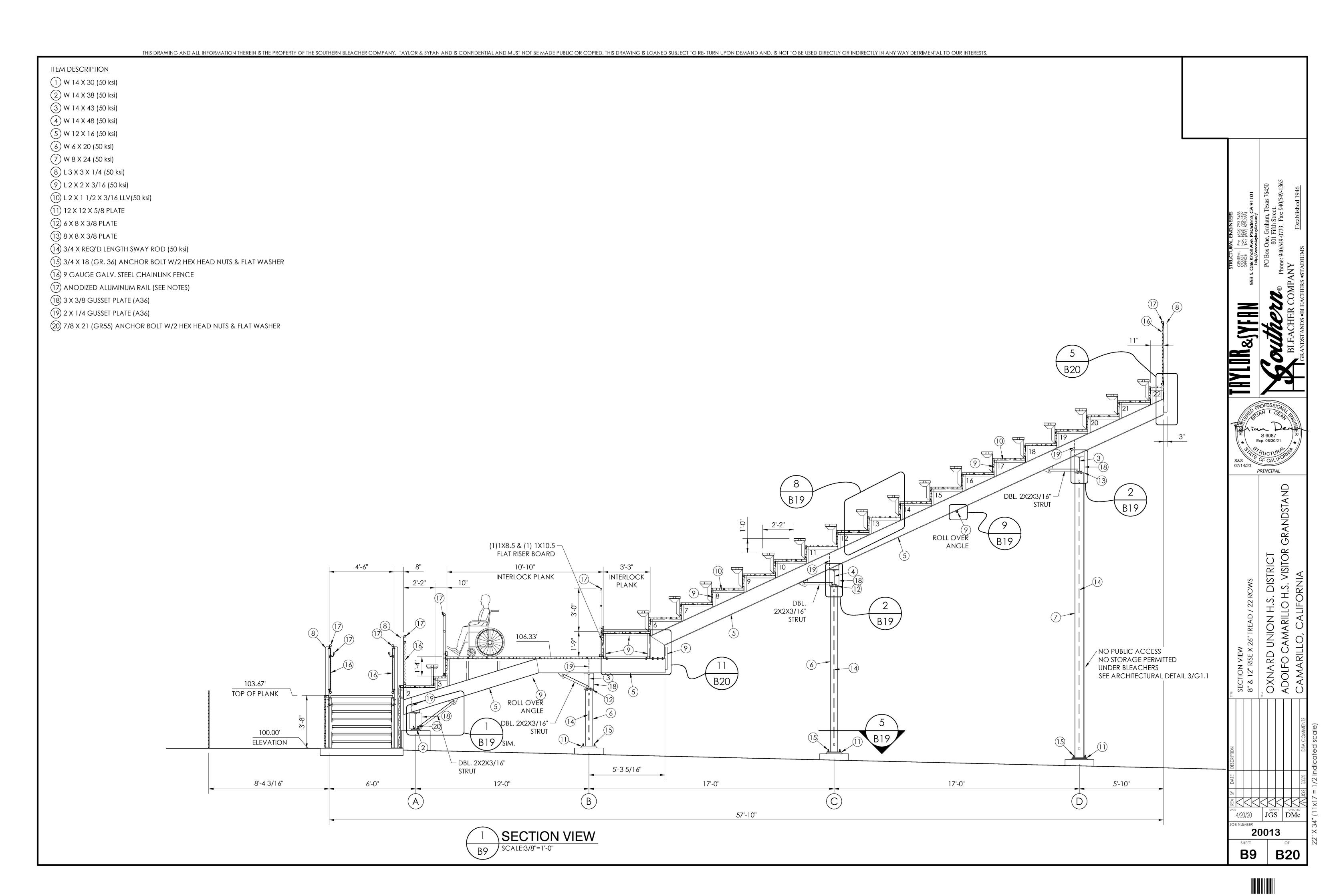
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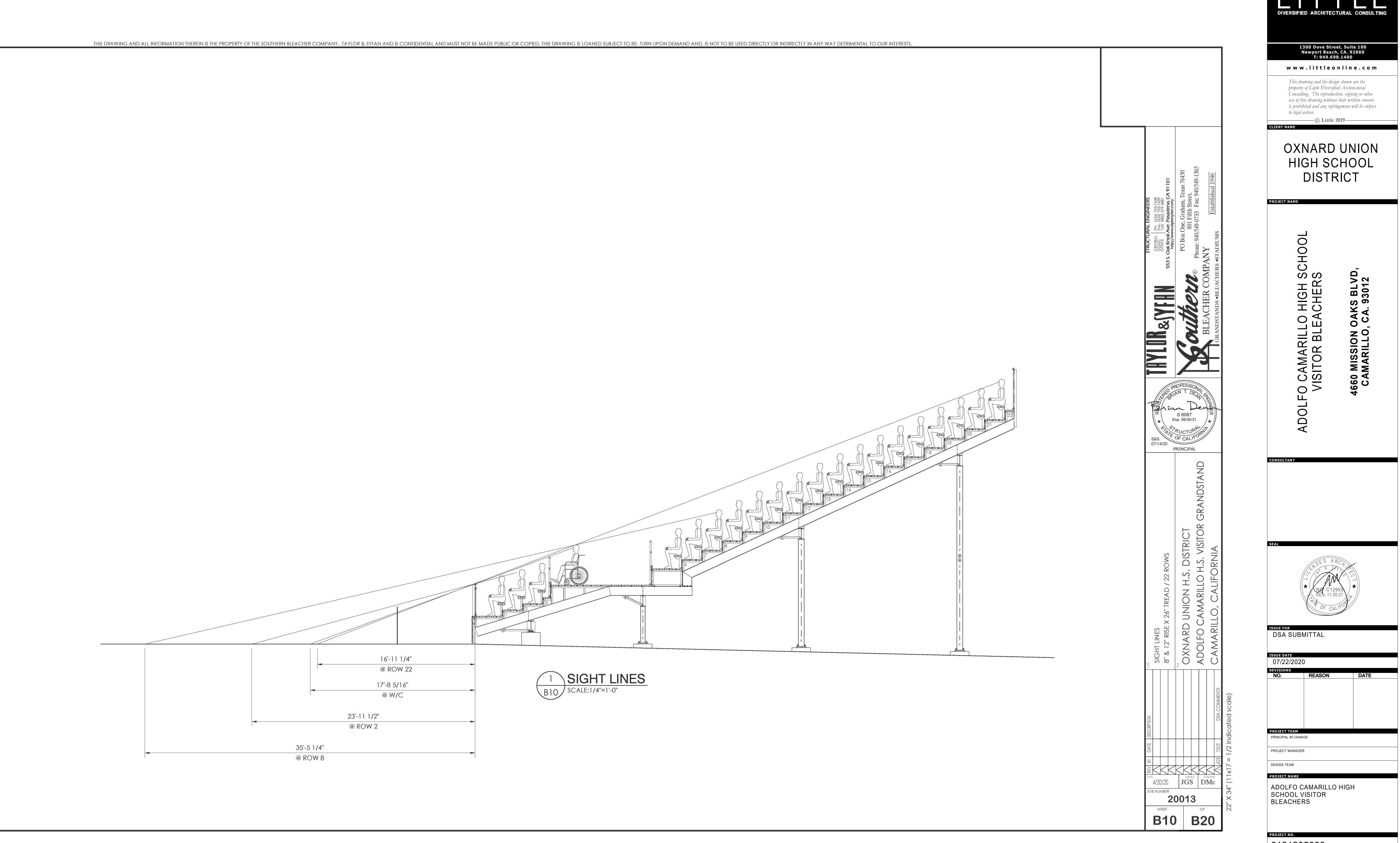
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SECTION VIEW

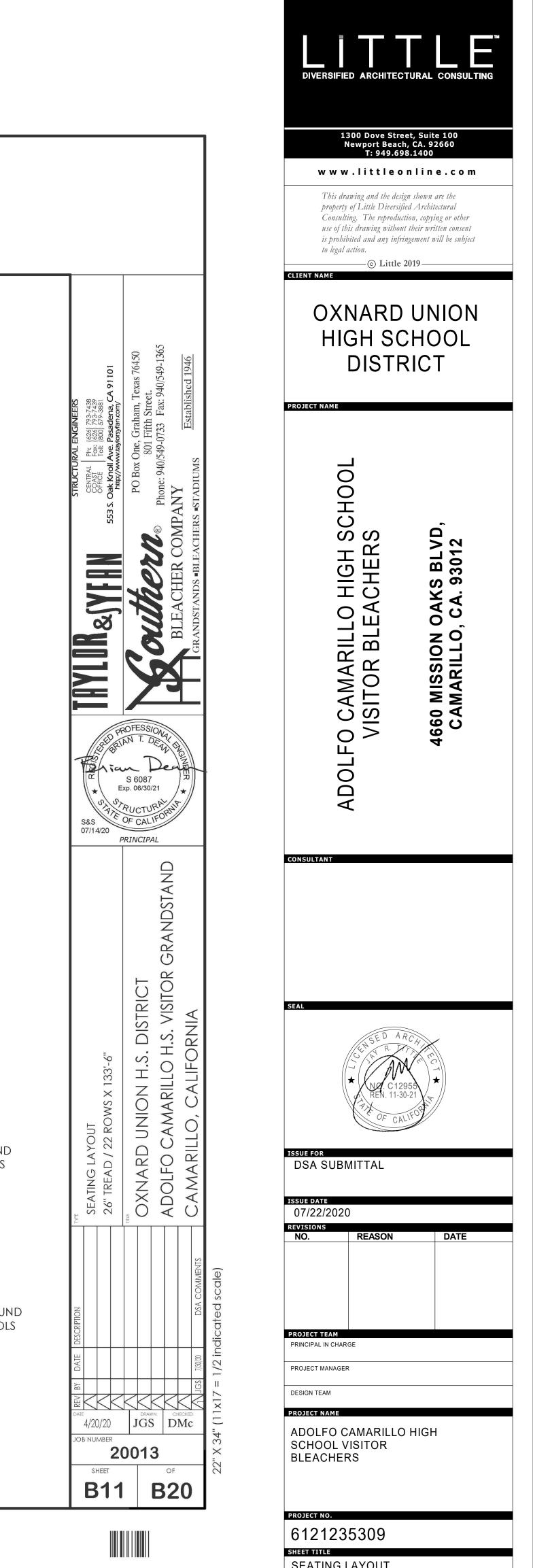


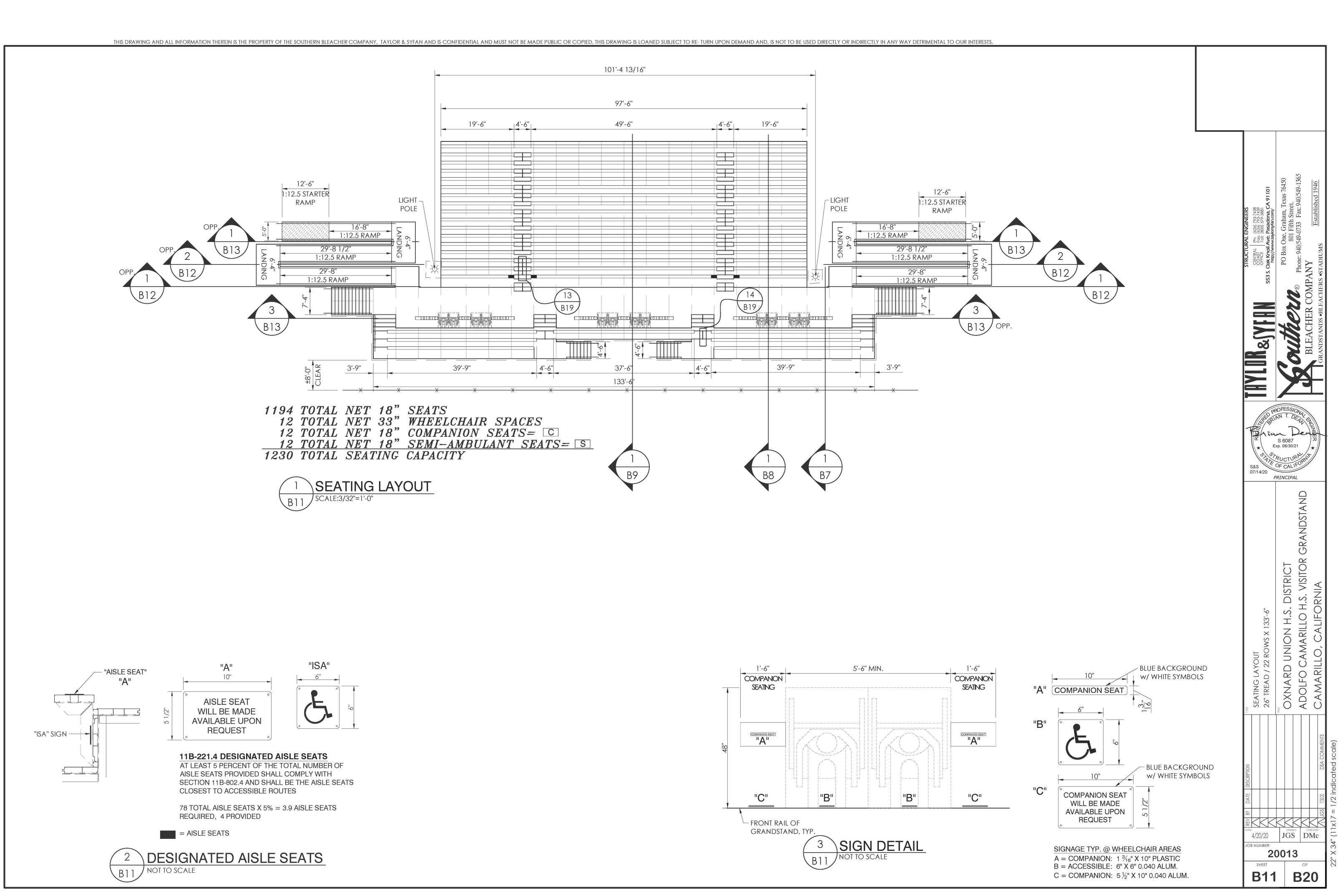


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SIGHT LINES

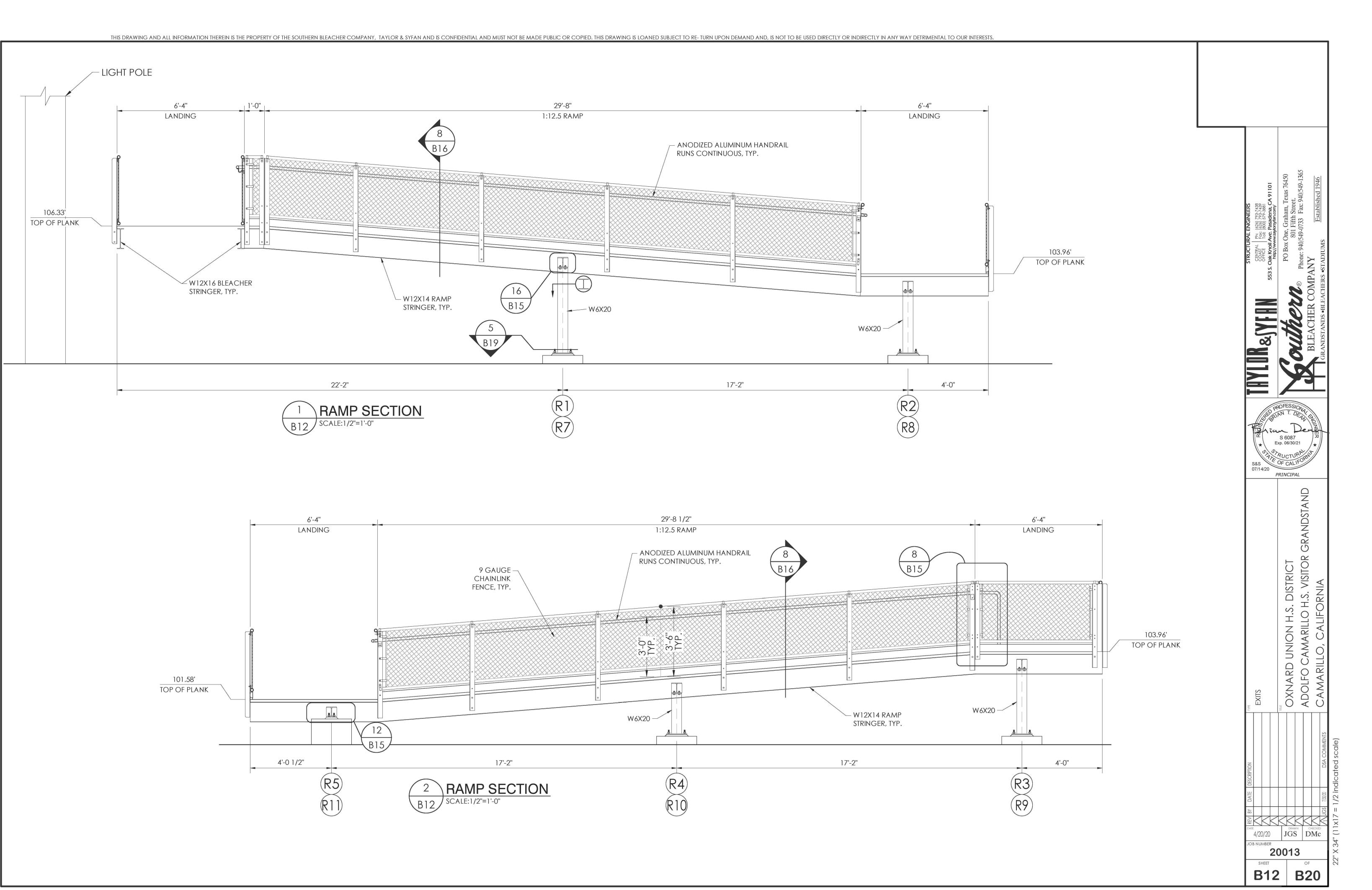




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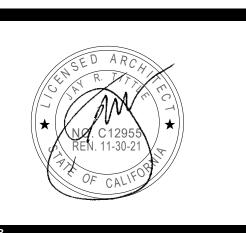
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ADOLFO CAMARILLO HIGH SCHOOL VISITOR BLEACHERS 4660 MISSION OAKS BLVD, CAMARILLO, CA. 93012



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REVISIONS

NO. REASON DATE

PROJECT TEAM

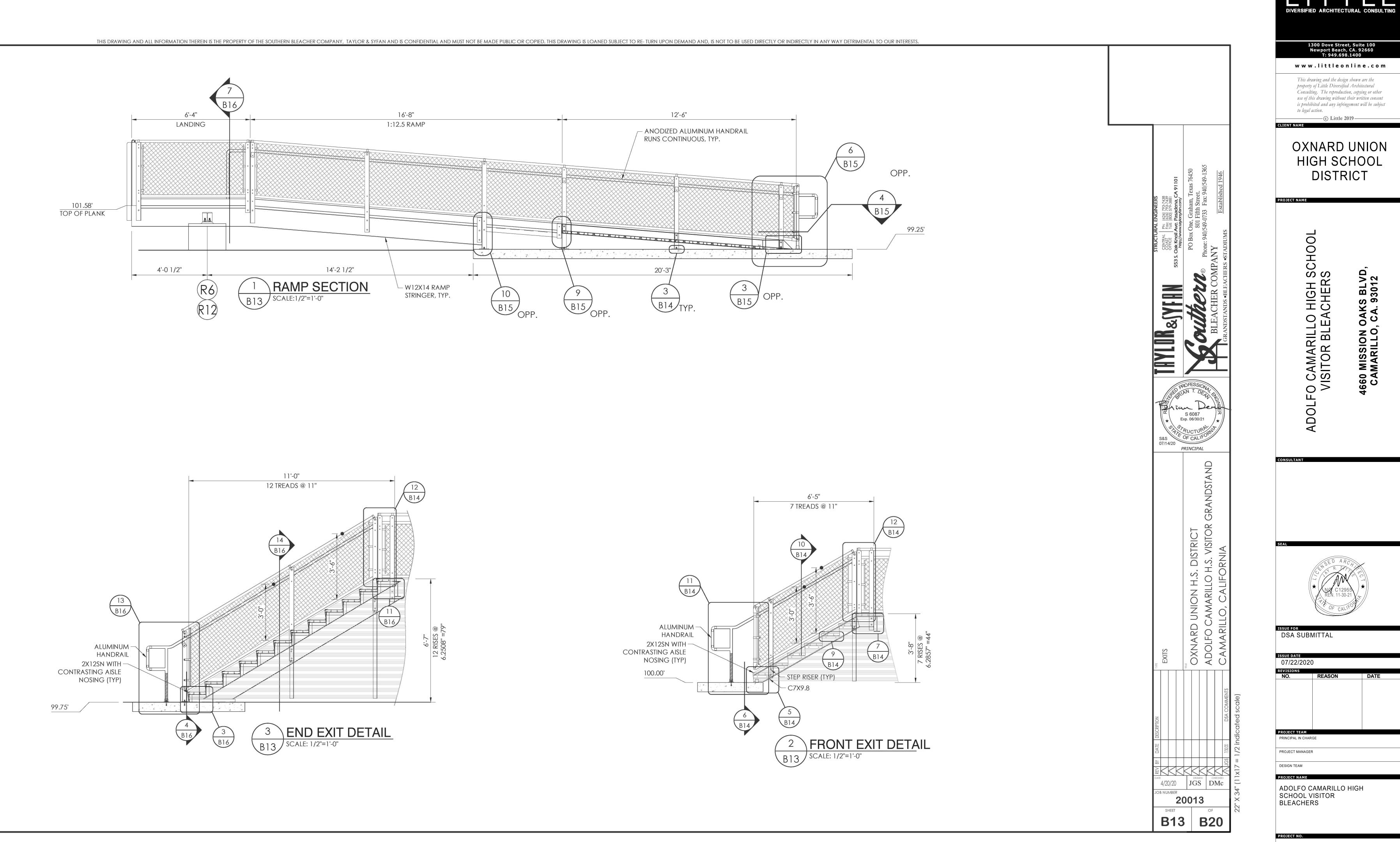
PRINCIPAL IN CHARGE

PROJECT MANAGER

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PROJECT NO.
6121235309
SHEET TITLE
EXITS

HEET NUMBER



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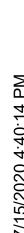
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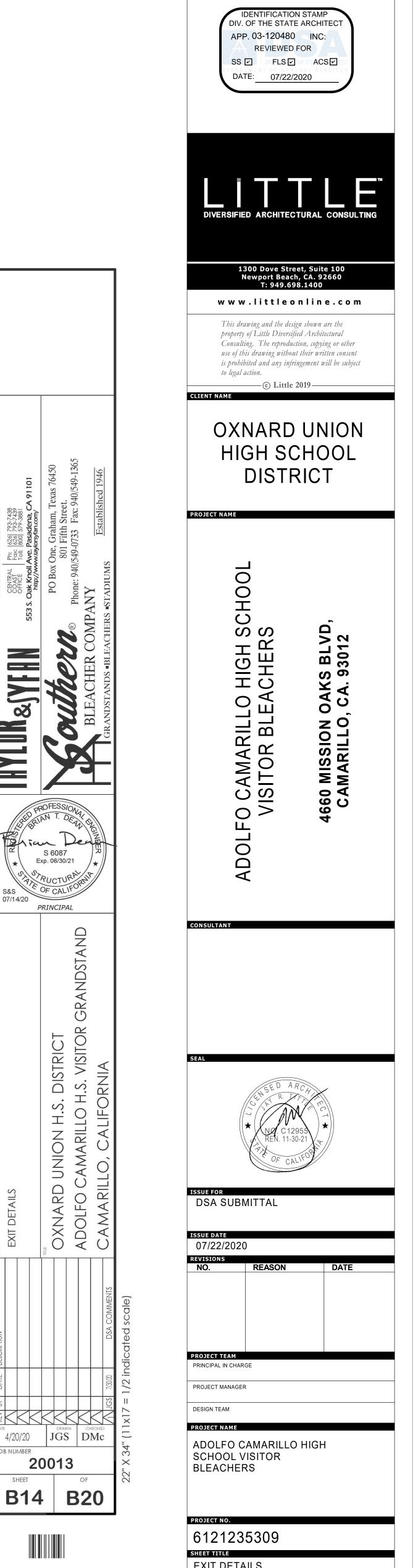
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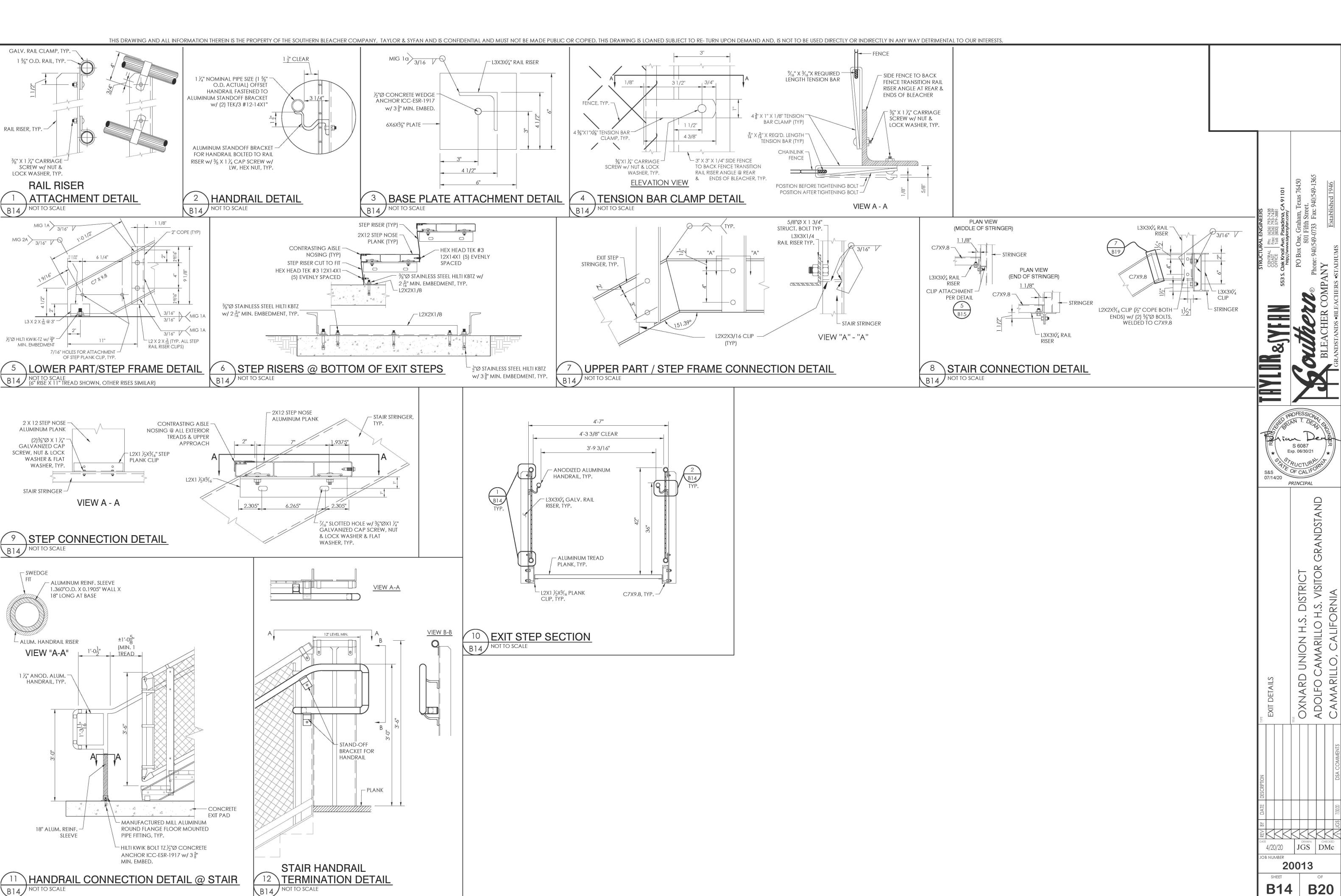
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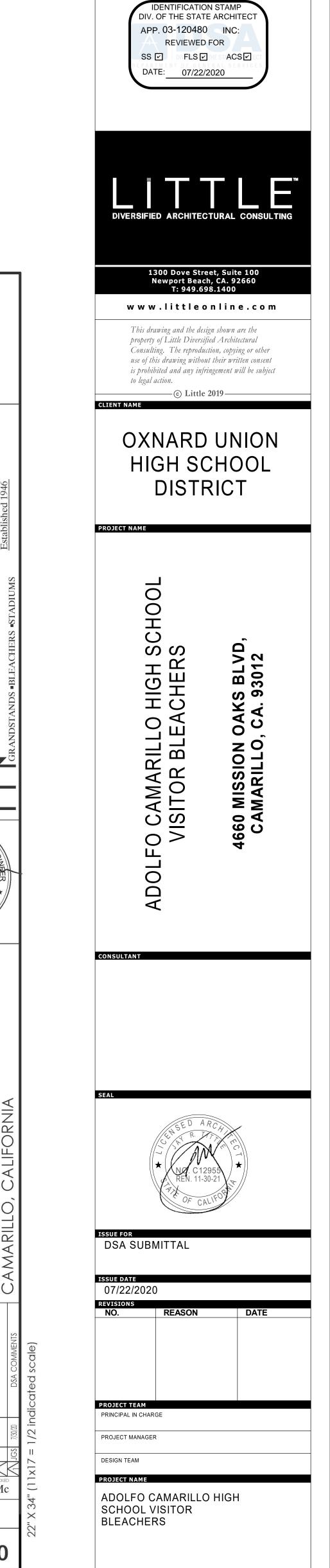
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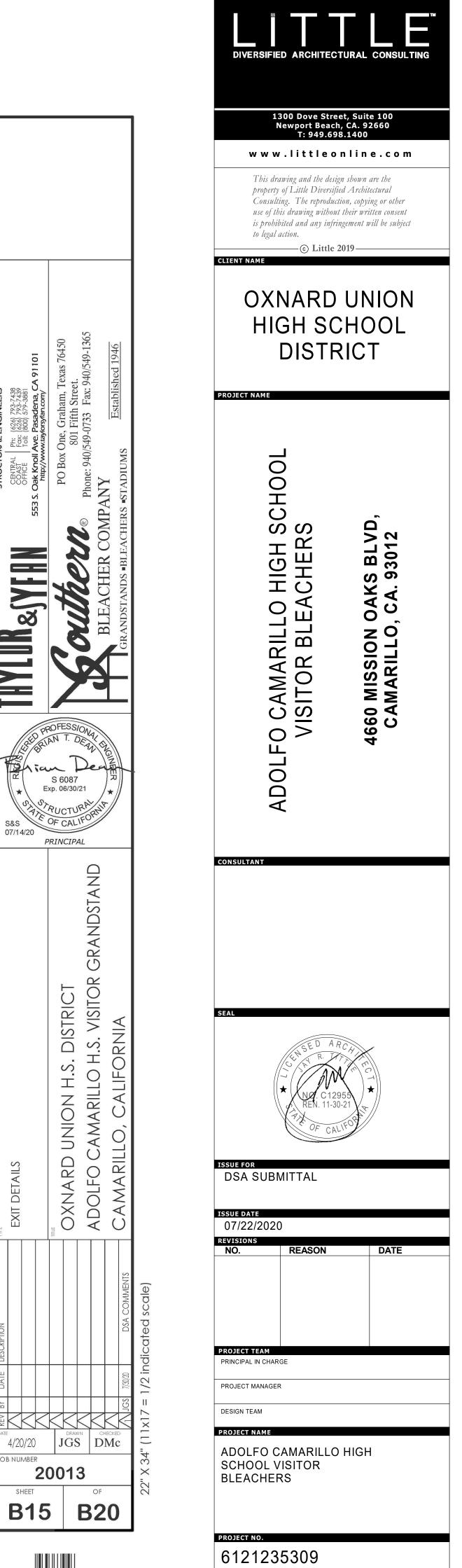






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¬ 1 1/2" HANDRAIL, TYP SS ALL CONTACT POINT ON -BOTTOM LEG OF RAMP PLANK → STAND-OFF ALUMINUM L2X1 $\frac{1}{2}$ X $\frac{3}{6}$ CLIP w/ (2) $\frac{1}{6}$ " $\frac{1}{6}$ HOLES IN 2" LEG, TYP. BRACKET FOR SHALL BE WELDED W/ 1/8" FILLET. HANDRAIL PRE-FAB RAMP ATTACHMENT @ L3X3X1/4 RAMP STAND-OFF **BRACKET FOR** VIEW B - B HANDRAIL VIEW A - A L3X3X¼ SUPPORT RAIL RISER (2)%"Ø X 1 ¾ STRUCT. BOLTS CONNECTING CLIP & GALV. RAIL RISER — SINGLE BOLT RAIL RISER, TYP. FLOOR FLANGE RAMP STRINGER / 2X4½ ALUMINUM TOE BOARD " $W/\frac{3}{8}$ \emptyset X 1 $\frac{1}{4}$ 6" ALUMINUM "Z" BOLT, FLAT ┌ PLANK PLANK **BRACKET WASHER TOP** S 6087 AND BOTTOM RE-FAB STARTER -Exp. 06/30/21 CONCRETE
EXIT PAD RAMP PLANK — **OF PLANKS** - MANUFACTURED MILL ALUMINUM - CLIP INSIDE 18" ALUM. REINF. -- @ L3X3X¼ RAMP — @ L3X3X¼ RAMP SLEEVE ROUND FLANGE FLOOR STRINGER SEE L3X3X¼ RAIL — RISER PRINCIPAL 1½ LONG WELD @ DETAIL 5 MOUNTED PIPE FITTING, TYP. 8" O.C. (1/8" FILLET) HILTI KWIK BOLT TZ $\frac{1}{2}$ "Ø CONCRETE ANCHOR ✓ CAP SCREW • @ WIDE FLANGE ─ @ WIDE FLANGE 1 1/2" ALL CONTACT POINT ON — BOTTOM LEG OF RAMP PLANK RAMP ICC-ESR-1917 w/ $3\frac{5}{8}$ MIN. - ALUMINUM L2X1 ½X¾6 CLIP SHALL BE WELDED w/ $\frac{1}{8}$ " FILLET. w/ (2)¹/₁₆"Ø HOLES IN 2" LEG, TYP. TOP RAMP HANDRAIL INTERMEDIATE RAMP HANDRAIL TERMINATION DETAIL **TERMINATION DETAIL** HANDRAIL CONNECTION DETAIL @ RAMP 10 PRE-FAB RAMP ATTACHMENT @ WIDE FLANGE RAMP B15 NOT TO SCALE B15 NOT TO SCALE PLATE @ W6X20 TO STRINGER PLATE @ W6X20 TO STRINGER w/ (4)5%"Ø BOLTS IN 3" X 3" PATTERN W6X20 RAMP w/ (4)5/8"Ø BOLTS IN 3" X 3" PATTERN HORIZONTAL %" GUSSET -PLATE, TYP. SEE DETAIL DISTRIC 4.S. VISIT VRNIA — (4)ANCHOR BOLTS & W6X20 RAMP - 6X5 3/4X³/₈ PLATE NUTS w/ FLAT WASHER HORIZONTAL w/ (4)5/8"Ø BOLTS SET IN 3 $\frac{1}{2}$ " X 3 $\frac{1}{2}$ " PATTERN IN 3"X3" PATTERN 15 B15 STRINGER STRINGER − %"X3" GUSSET PLATE, EACH SIDE MIG 1A $\frac{3/16"}{3/16"}$ TYP. 3/16" 3/8" GUSSET PLATE, TYP. SEE DETAIL CONCRETE ---CONCRETE ---CONCRETE -15 B15 OXNARD U ADOLFO CA CAMARILL 3/16" W6X20 w/ 6X5 3/4 X3/8 PLATE WELD DETAIL - W10X12 RAMP 16 COLUMN @ RAMP
B15 NOT TO SCALE 11 RAMP BEAM DETAIL @ STRINGER 12 RAMP BEAM DETAIL @ STRINGER 13 RAMP BEAM DETAIL @ PIER 15 GUSSET PLATE DETAIL STRINGER B15 NOT TO SCALE B15 NOT TO SCALE

EXIT DETAILS

/ L3X3X1/4 RAIL RISER

STAIR STRINGER -

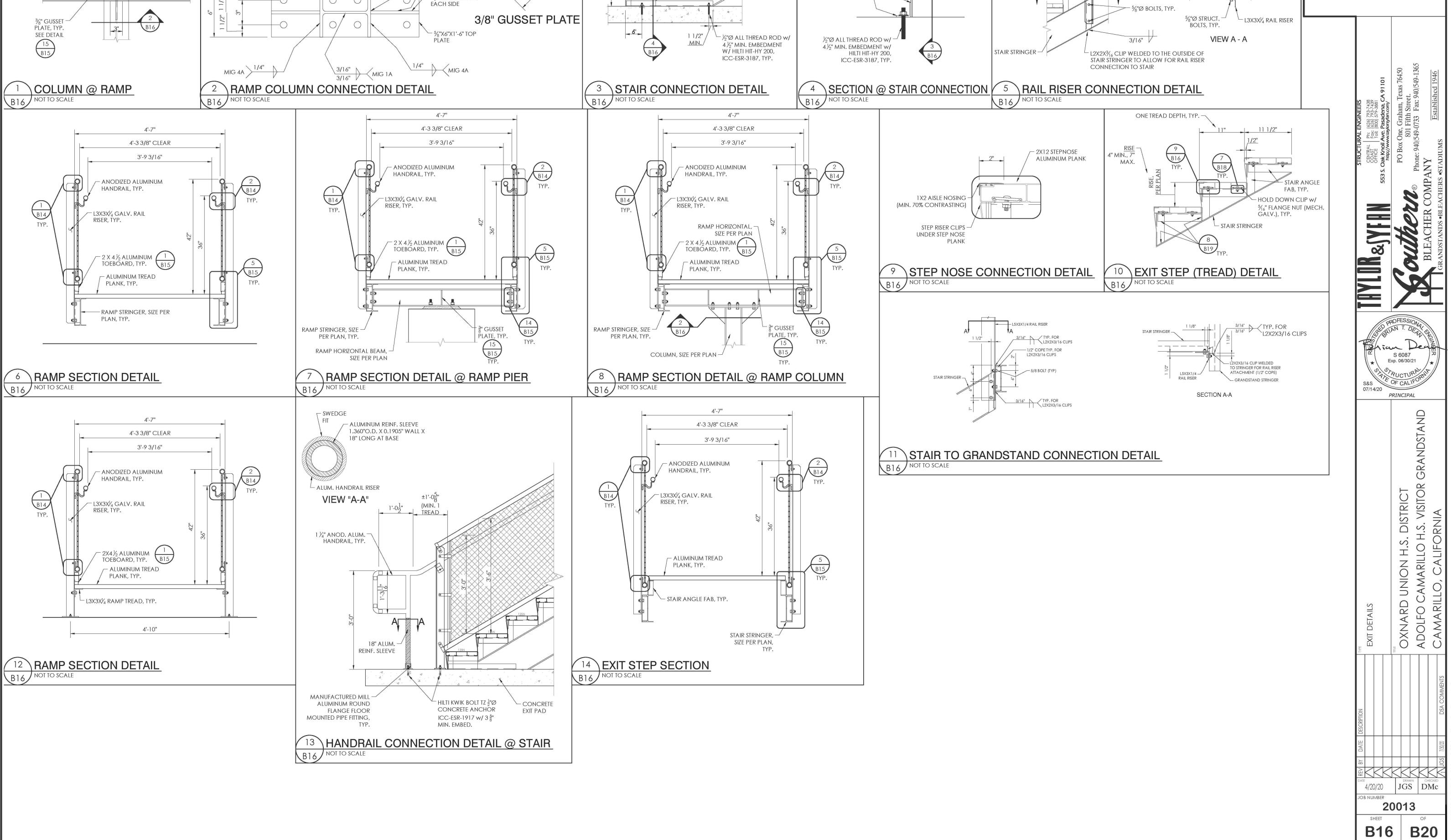
3/16"

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EXIT DETAILS

B16



L2X2X¾6 ANGLE FAB

3/16"

L2X2X3/16 CLIP -

- STAIR STRINGER

- STAIR STRINGER

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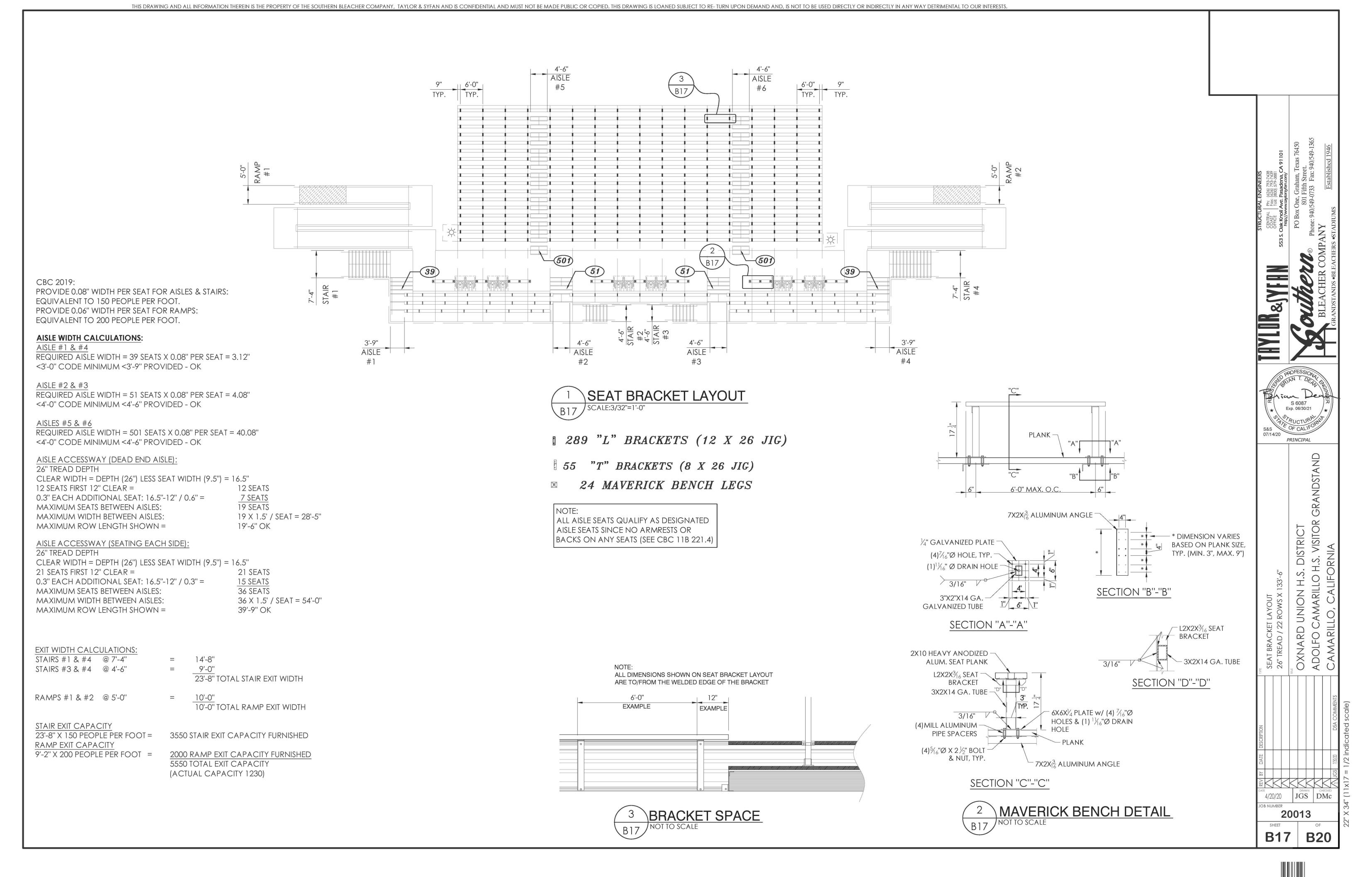
1 1/2"

COLUMN

%" GUSSET PLATE,

%" BOLTS, TYP. ⁻

 $\int \frac{\text{RISE}}{4'' \text{MIN., 7''}}$



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College Little 2019

OXNARD UNION HIGH SCHOOL DISTRICT

DISTRICT

NAME

100

ADOLFO CAMARILLO HIGH SCHOOL VISITOR BLEACHERS

4660 MISSION OAK CAMARILLO, CA.



DSA SUBMITTAL

PROJECT MANAGER

O7/22/2020

REVISIONS

NO. REASON DATE

PROJECT TEAM

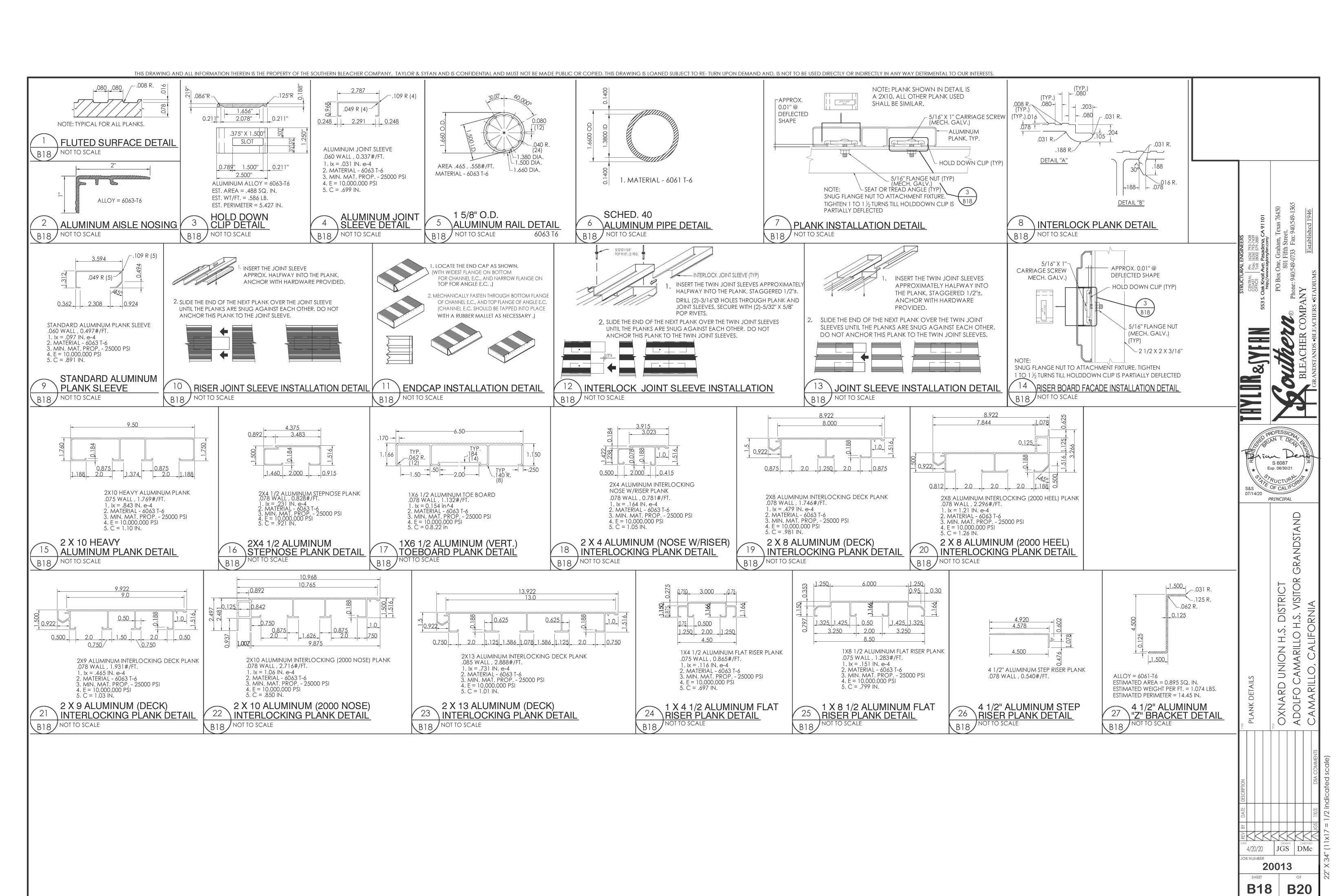
PRINCIPAL IN CHARGE

ROJECT NAME

ADOLFO CAMARILLO HIGH SCHOOL VISITOR BLEACHERS

6121235309

SEAT BRACKET LAYOUT

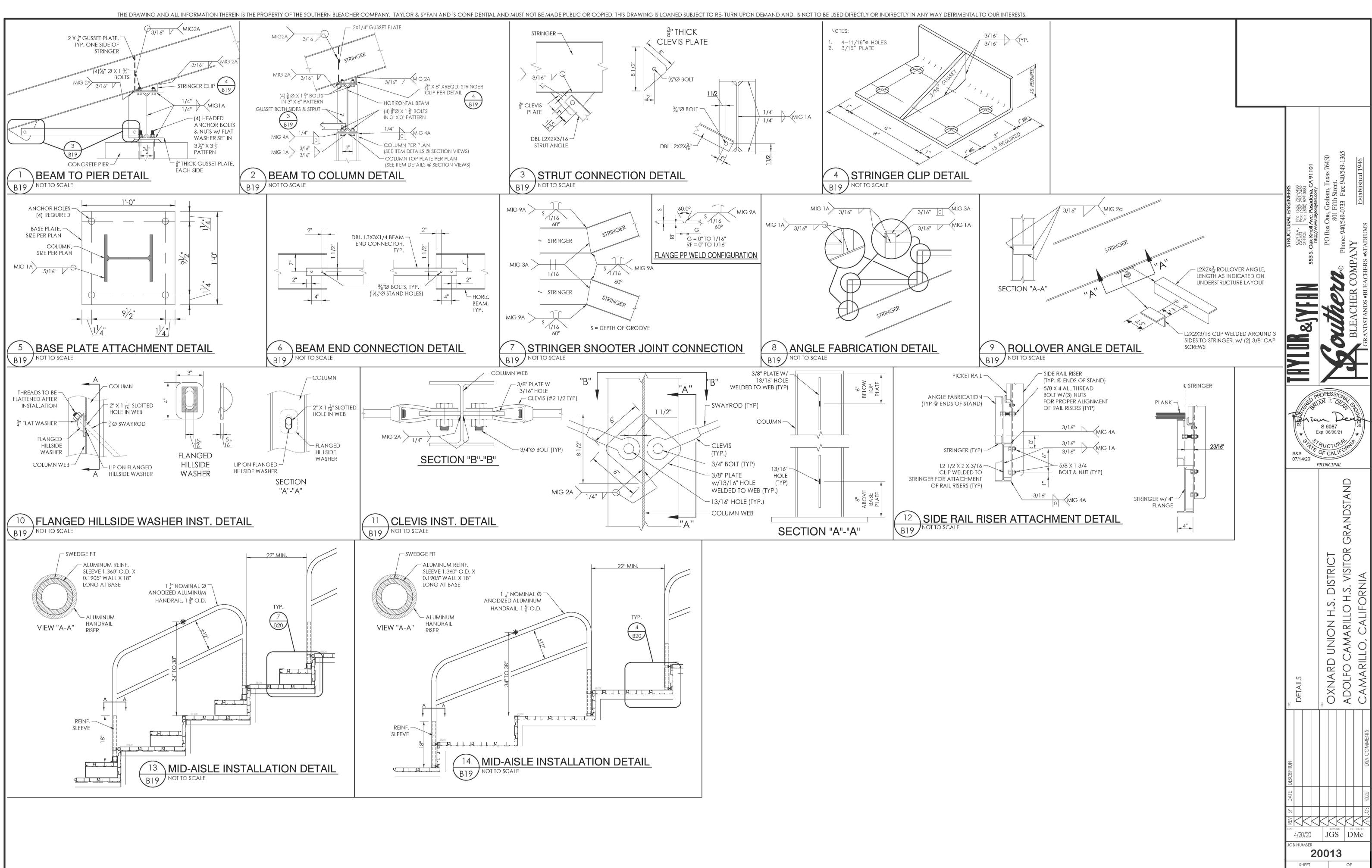


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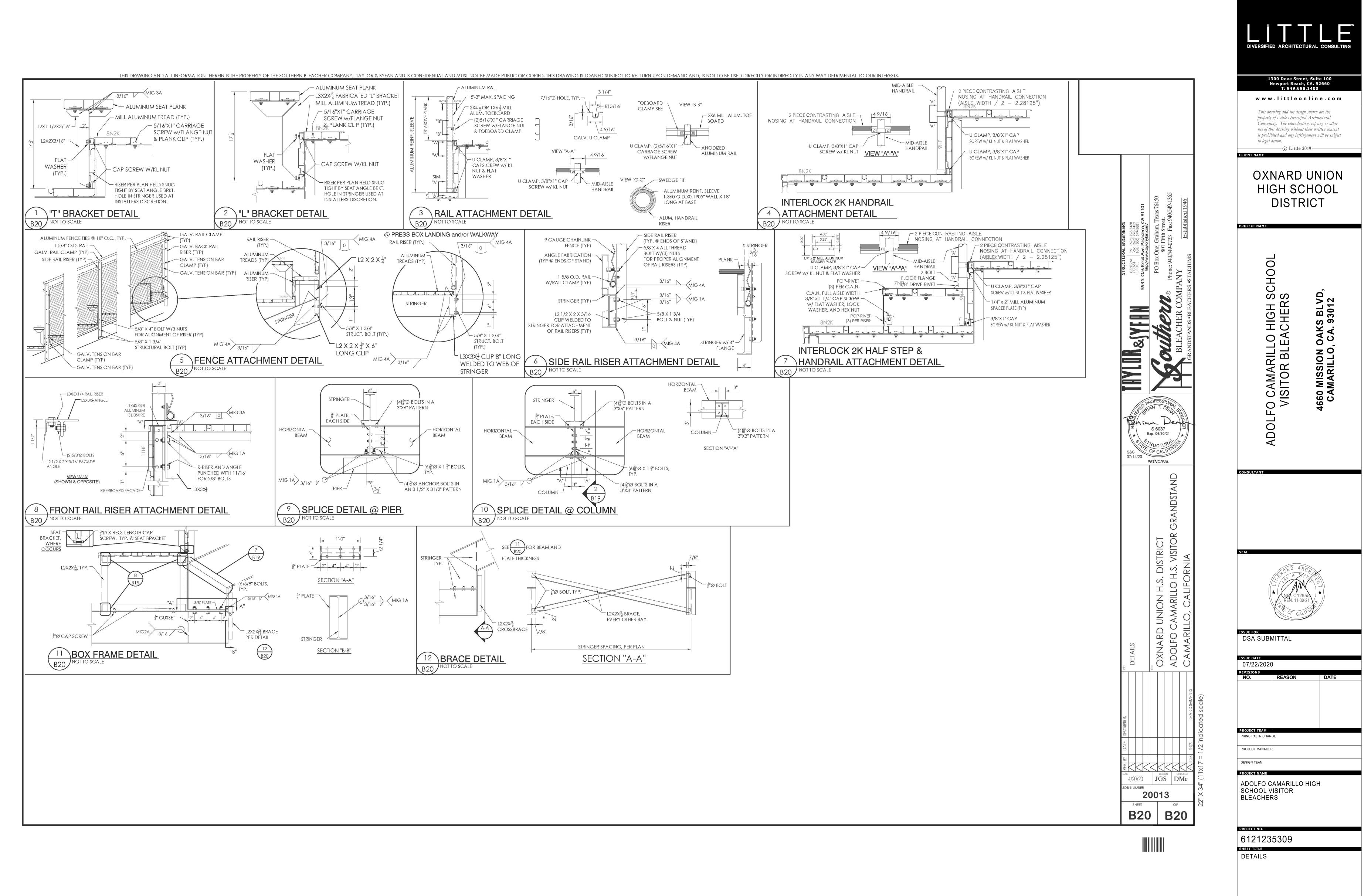
6121235309

PLANK DETAILS

DETAILS







IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 03-120480 INC:
REVIEWED FOR
SS FLS ACS
DATE: 07/22/2020

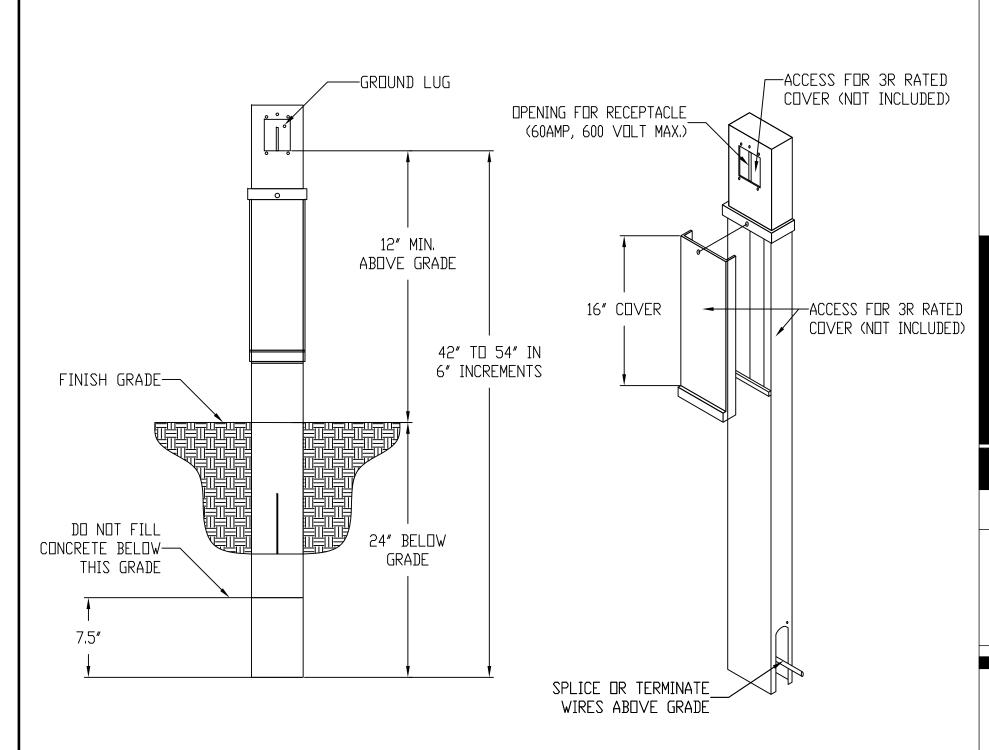
SHEET NUMBER

		SYMBOLS		
SWITCHES & CONTROLS		POWER	LIGHTING/CEILING	GENERAL 1. All work is to be performed per the 2019 issue of the California Electrica the 2019 California Energy Code as accepted by the City of OXNARD and all
\$ SWITCH, SINGLE POLE +48" *		SERVICE DISCONNECT, FUSED OR NON FUSED PER DRAWING	LIGHT, WALL MOUNTED, HEIGHT PER DRAWING, DETAILS PER FIXTURE SCHEDULE,	applicable national, state and local codes and laws pertaining to electrical 2. All work in hazardous locations shall comply with CEC Art. 500 through 516 o
SWITCH, DIMMER, SIZE PER LOAD OR SPECIFICATION +48" *	⊠₁	SERVICE DISCONNECT, MAGNETIC STARTER	LIGHT, WALL MOUNTED, HEIGHT PER DRAWING, DETAILS PER FIXTURE SCHEDULE, EMERGENCY LIGHT IF FILLED CENTER	3. Nothing in these notes shall be construed as circumventing any more string specification or requirement of the contract documents.
\$\\ _DO \	VFD	SERVICE DISCONNECT, VFD	LIGHT, CEILING MOUNTED, DETAILS PER FIXTURE SCHEDULE	4. Electrical Contractor shall visit the job site prior to bidding work and incl the necessary costs required to complete this project according to the i
\$\\ \\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\	Ф	DUTLET, SINGLE, 120V +18" * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	LIGHT, CEILING MOUNTED, DETAILS PER FIXTURE SCHEDULE EMERGENCY LIGHT IF FILLED CENTER	drawings. 5. Any discrepancies between site conditions and drawings shall be brought to
\$\\ \switch, 4 way +48' *	Ф	OUTLET, DUPLEX, 120V +18" * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	LIGHT, CEILING MOUNTED, PENDANT, DETAILS PER FIXTURE SCHEDULE	attention of the project coordinator or Architect prior to bid if possible
SWITCH, KEY +48" *	Ф	DUTLET, 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	6. Electrical work under this contract shall include all labor, materials and ed necessary to complete the installation covered under the contract includir conduit and wiring as documented or inferred in the mechanical drawings.
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	7. All material and equipment furnished and or installed under this contract s free from defects, and shall be guaranteed for a period of one year fro
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	of final acceptance by owner or his representative. Should any problems d this warranty period due to faulty workmanship, material defects or equipm or failure, the Electrical Contractor shall correct the problem and repair
SWITCH, VACANCY DETECTOR +48" *	Ф	DUTLET, SINGLE, 240V SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	IN-GRADE RECESSED UP-LIGHT, DETAILS PER FIXTURE SCHEDULE	equipment or material without cost to the owners. All work shall be execut orkmanlike manner and shall be neat in appearance as well as functional wh
UCCUPANCY SENSOR SINGLE CIRCUIT WALL SWITCH +48" *	Φ	DUTLET, SINGLE, 120/240V SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	FLUSH MOUNTED DOWN LIGHT, SQUARE CAN, DETAILS PER FIXTURE SCHEDULE	8. Unless noted otherwise or coordinated with the General Contractor, the El Contractor shall be responsible for all demolition, cutting, and patching relectrical work.
UCCUPANCY SENSOR DUAL CIRCUIT WALL SWITCH +48" *	(DUTLET, SINGLE, 3 PHASE SIZE AND TYPE PER CIRCUIT REQUIREMENTS DR SPECIFICATION	FLUSH MOUNTED WALL WASH/ADJUSTABLE, SQUARE CAN, DETAILS PER FIXTURE SCHEDULE	9. State handicap requirements are to be met per standards listed in "SYMBOL
DH CCUPANCY SENSOR SINGLE CIRCUIT DIMMER 120V WALL SWITCH - LIKE LUTRON +48" *	世	DUTLET, DUPLEX, 120V, GFCI +18" * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	LIGHT, xxxxxx, DETAILS PER FIXTURE SCHEDULE	10. Cut sheets shall be provided by Electrical Contractor for all equipment pr contract scope of work.
DCCUPANCY SENSOR SINGLE CIRCUIT DIMMER 0-10V WALL SWITCH - LIKE LUTRON +48' *	1#	OUTLET, DOUBLE DUPLEX, 120V, GFCI +18" * SIZE AND TYPE PER CIRCUIT REQUIREMENTS OR SPECIFICATION	LIGHT, xxxxxx, DETAILS PER FIXTURE SCHEDULE	MATERIAL and INSTALLATION 1. All electrical materials and equipment are to be Underwriter's laboratory lis
CEILING MOUNTED MOTION SENSOR, ULTRA SOUND		OUTLET, DUPLEX, 120V, FLOOR MOUNT SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	LIGHT, xxxxxx, DETAILS PER FIXTURE SCHEDULE	listed by an equivalent nationally recognized testing laboratory accepted book of DXNARD. All materials shall be approved for the intended purpose and us
CEILING MOUNTED MOTION SENSOR, INFRARED		OUTLET, DOUBLE DUPLEX, 120V, FLOOR MOUNT SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	LIGHT, xxxxxx, DETAILS PER FIXTURE SCHEDULE	purpose. 2. All 600-volt insulated wire in conduits shall be copper type THHN/THWN-2 un
CEILING MOUNTED MOTION SENSOR, COMBINATION ULTRA SOUND / INFRARED		DUTLET, PEDDC, DUPLEX, 120V, GFCI * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	VANITY WALL LIGHT, DETAILS PER FIXTURE SCHEDULE	otherwise. 3. All conductors size AWG #12 and smaller shall be solid, all conductors size
CEILING MOUNTED RELAY / POWER PACK FOR LOW VOLTAGE MOTION SENSORS, SIZE PER CIRCUIT AND SENSOR REQUIREMENTS		DUTLET, PEDOC, DOUBLE DUPLEX, 120V, GFCI * SIZE AND TYPE PER CIRCUIT REQUIREMENTS OR SPECIFICATION	TRACK LIGHT, DETAILS PER FIXTURE SCHEDULE	larger shall be stranded. 4. All junction boxes shall be marked (in ink) with the panel number, circuit nu
CEILING MOUNTED RELAY SLAVE PACK FOR LOW VOLTAGE MOTION SENSOR, SIZE PER CIRCUIT AND SENSOR REQUIREMENTS		DUTLET, PEDDC, SINGLE, 120/240V, GFCI * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	COVE LIGHT, DETAILS PER FIXTURE SCHEDULE	system voltage contain within, ("Magic Markers" are acceptable). i.e. 'LA'-1,3 or 'RA'-2,4,6 120/208V etc.
THERMOSTAT, +48" *	 	DUTLET, SINGLE/2-PORT USB COMBO, 120V * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	LIGHT, POLE-ARM, DETAILS PER FIXTURE SCHEDULE	5. When conduit must cross traffic areas, the conduit shall cross perpendicu normal traffic pattern.
TIME CLOCK, POLES AND VOLTAGE AS NEEDED OR SPECIFIED		DUTLET, 4-PORT USB * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	LIGHT, POLE-CENTER, DETAILS PER FIXTURE SCHEDULE	6. All ballasts are to be CEC listed.
EXTERIOR=PHOTO CELL, SIZE AND VOLTAGE PER CIRCUIT OR AS SPECIFIED INTERIOR=0-10V PHOTO SENSOR RE. DAYLIGHT CONTROLLER		DUTLET, DUPLEX EM CIRCUIT, 120V +18" * SIZE PER CIRCUIT AND LOCATION REQUIREMENTS	LIGHT, BOLLARD SQUARE, DETAILS PER FIXTURE SCHEDULE	7. All outdoor lighting fixtures are to be listed for wet or damp location dep type of exposure.
- INTERIER OF THE SERVER REI BATETOTA CONTROLLER	 	JUNCTION BOX	LIGHT, BOLLARD ROUND, DETAILS PER FIXTURE SCHEDULE	8. All devices shall be grounded by means of a separate grounding conductor wire bond from the device strap to the box or a self-grounding screw.
			LANDSCAPE UP OR DOWN LIGHT, DETAILS PER FIXTURE SCHEDULE	9. Each multiwire branch circuit shall be provided with a means that will simultong disconnect all ungrounded conductors at the point where the branch circu (CEC 210.4(B))
		COMMUNICATIONS/CONTROLS	EXIT SIGN, DARK SPOT INDICATES DIRECTION THE LIGHTED FACE IS TO BE VISIBLE FROM, ARROWS INDICATE DIRECTION OF ARROWS ON THE SIGN FACE	10. The ungrounded and grounded conductors of each multiwire branch circuit
NOTES & MISC.		THERMOSTAT, +48" *	EXIT SIGN, DARK SPOTS INDICATE DIRECTION OF ARROWS ON THE SIGN FACE VISIBLE FROM, ARROWS INDICATE DIRECTION THE LIGHTED FACES ARE TO BE VISIBLE FROM, ARROWS INDICATE DIRECTION OF ARROWS ON THE SIGN FACE	grouped by wire ties or similar means in at least one location within the pa other point of origination. (CEC 210.4(D))
? INDICATES PLAN KEYED NOTE		HUMIDITY SENSOR	COMBINATION EXIT SIGN, EMERGENCY LIGHT WITH BATTERY BACK UP	11. All new overcurrent devices installed in existing panels/switchboards shall rexceed the make, model and interrupting capacity of the existing overcurre
? INDICATES PLAN KEYED NOTE		SPEAKER AND BOX PROVIDED BY OTHERS, BOX PIPED AND INSTALLED BY E. C.	EMERGENCY LIGHT, BATTERY POWERED	COMPLETION 1. Upon completion of work, Electrical Contractor shall insure the installation from short circuits, phase grounds and neutral grounds.
? INDICATES PLAN KEYED NOTE	A	TELEPHONE DUTLET, +18" *	STEP/NICHE LIGHT, DETAILS PER FIXTURE SCHEDULE	2. All feeders shall have insulation tested prior to energization.
INDICATES REVISION		COMPUTOR DUTLET, +18" *	LIGHT, WALL SMALL UP/DN-LIGHT, HEIGHT PER DRAWING, DETAILS PER	3. All panels, transformers, distribution boards, switches, etc. shall be labeled Line Diagram using plastic plates with 3/8" high white letters on black back
? INDICATES FIXTURE TYPE		CABLE DUTLET, +18" *	FIXTURE SCHEDULE ALL LIGHT FIXTURES ARRIVE ARE EMERGENCY LIGHT IF FILLED CENTER	Label shall include item name and voltage present. Transformer label shall in primary and secondary voltages. Label shall be permanently attached using round head stainless steel machine screws with minimum thread size 8-32.
FC INDICATES MECHANICAL FIXTURE TYPE		TELEPHONE DUTLET, FLOOR	ALL LIGHT FIXTURES ABOVE ARE EMERGENCY LIGHT IF FILLED CENTER FIRE	4. Electrical Contractor shall furnish as-built drawings to Architect upon com work.
<u></u>		COMPUTOR OUTLET, FLOOR		5. Electrical Contractor shall be available for night inspection and approval o work.
			SD FIRE DUCT SMOKE DETECTOR	6. Prior to final energization, neutral feed shall be disconnected from the pa
PANEL, MOUNTING ACCORDING TO PLACEMENT ON PLANS		CABLE DUTLET, FLOOR	DD FIRE DUCT DAMPENER	with all load neutrals connected shall be tested in the presence of the elengineer for faults to ground.
PANEL, CONTROL-LRG, MOUNTING ACCORDING TO PLACEMENT ON PLANS		COMBINATION TELEPHONE & COMPUTER OUTLET, +18" *	FIRE MINI STROBE	7. All circuit breaker, neutral and ground lug connections shall be torqued penanufacturer's specifications in the presence of the electrical inspector.
PANEL, CONTROL-SML, MOUNTING ACCORDING TO PLACEMENT ON PLANS		TELEVISION OUTLET, +18" *	C FIRE ALARM CHIME	8. The issuance of a permit shall not prevent the Building Official from requir correction of errors on these plans or from preventing any violation of taken adopted by the city, relevant laws, ordinances, rules and/or regulations.
VALVE, ALARM CONTACT OR SOLENOID OPERATOR DEPENDING ON APPLICATION	B	DOOR BELL PUSH BUTTON	S FIRE STROBE & HORN	
EYS FITTING. SIZE PER CONDUIT, LOCATE PER N.E.C.	В	DOOR BELL CHIME	F FIRE ALARM PULL BOX	
SMOKE DETECTOR, CEILING OR WALL MOUNTED PER PLANS	Т	DOOR BELL TRANSFORMER	WIRE TYPES	
COMBINATION SMOKE DETECTOR AND CO SENSOR		NURSES CALL LIGHT	HOME RUN IN CABLE OR CONDUIT (PER SPECIS AND CODE), CIRCUIT AND CIRCUIT & CONDUCTOR SIZE AS NOTED, CONDUIT PER NEC OR AS NOTED	
EXHAUST FAN	N	NURSES CALL SWITCH WITH PULL CORD	— EXISTING WIRING TO REMAIN	
CEILING FAN	E	ELECTRIC DOOR STRIKE RELEASE	—× — EXISTING WIRING TO BE REMOVED	
S MOTOR	(AP)	WIRELESS ACCESS POINT	NEW ABOVE FLOOR WIRING	
PS POWER SUPPLY	IC	INTERCOM	——— NEW UNDER FLOOR WIRING	
PC 1 POWER CENTER	KEY	KEY PAD	●── STUB UP TO OR DOWN FROM NEXT FLOOR LEVEL	
CL CURRENT LIMITER			STUB DOWN TO OR UP FROM THE NEXT FLOOR LEVEL	
* STANDARD HEIGHT TO MEET STATE ACCESSIBILITY REQUIREMENTS AND PROVISION OF THE PROPERTY OF TH	ONLY IF	PHYSICAL REQUIREMENTS OF THE STRUCTURE OR CASEWORK REQUIRE, CHANGES		
MUST MEET STANDARDS IF DUTLET DR SWITCH IS FOR GENERAL USAGE. DUTLET 1		אורט או הבנטהו SHUWN UN PLAN WHEN SPECIAL PURPUSE.	SYMBOLS SCALE: NONE	NOTES
			STIVIDULS SCALE: NOINE	NOIES

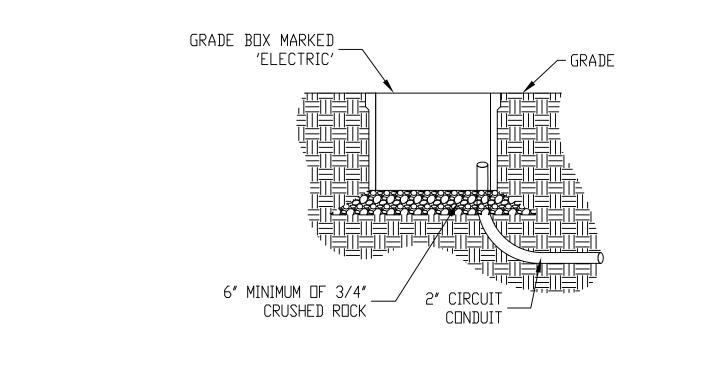
- All work is to be performed per the 2019 issue of the California Electrical Code and the 2019 California Energy Code as accepted by the City of OXNARD and all other pplicable national, state and local codes and laws pertaining to electrical work.
- work in hazardous locations shall comply with CEC Art. 500 through 516 as applicable.
- othing in these notes shall be construed as circumventing any more stringent pecification or requirement of the contract documents.
- lectrical Contractor shall visit the job site prior to bidding work and include in his bid the necessary costs required to complete this project according to the intent of the
- ny discrepancies between site conditions and drawings shall be brought to the ttention of the project coordinator or Architect prior to bid if possible.
- lectrical work under this contract shall include all labor, materials and equipment ecessary to complete the installation covered under the contract including control onduit and wiring as documented or inferred in the mechanical drawings.
- material and equipment furnished and or installed under this contract shall be new, ree from defects, and shall be guaranteed for a period of one year from the date final acceptance by owner or his representative. Should any problems develop during this warranty period due to faulty workmanship, material defects or equipment defects failure, the Electrical Contractor shall correct the problem and repair or replace guipment or material without cost to the owners. All work shall be executed in a rkmanlike manner and shall be neat in appearance as well as functional when completed.
- nless noted otherwise or coordinated with the General Contractor, the Electrical ontractor shall be responsible for all demolition, cutting, and patching relating to lectrical work.
- tate 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

ERIAL and INSTALLATION

- electrical materials and equipment are to be Underwriter's laboratory listed or sted by an equivalent nationally recognized testing laboratory accepted by the City EXNARD. All materials shall be approved for the intended purpose and used for such urpose.
- 600-volt insulated wire in conduits shall be copper type THHN/THWN-2 unless noted therwise.
- conductors size AWG #12 and smaller shall be solid, all conductors size #10 and arger shall be stranded.
- junction boxes shall be marked (in ink) with the panel number, circuit numbers, and ystem voltage contain within, ("Magic Markers" are acceptable), i.e. 'LA'-1,3,5 277/480V 'RA'-2,4,6 120/208V etc.
- hen conduit must cross traffic areas, the conduit shall cross perpendicular to the ormal traffic pattern.
- ballasts are to be CEC listed.
- outdoor lighting fixtures are to be listed for wet or damp location depending on ype of exposure.
- devices shall be grounded by means of a separate grounding conductor and either a ire bond from the device strap to the box or a self-grounding screw.
- ach multiwire branch circuit shall be provided with a means that will simultaneously lisconnect 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 rouped by wire ties or similar means in at least one location within the panelboard or ther point of origination. (CEC 210.4(D))
- l new overcurrent devices installed in existing panels/switchboards shall match or xceed the make, model and interrupting capacity of the existing overcurrent devices.
- Jpon completion of work, Electrical Contractor shall insure the installation to be free
- feeders shall have insulation tested prior to energization.
- panels, transformers, distribution boards, switches, etc. shall be labeled per Single ine Diagram using plastic plates with 3/8" high white letters on black backgrounds. abel shall include item name and voltage present. Transformer label shall include both rimary and secondary voltages. Label shall be permanently attached using at least (2) ound head stainless steel machine screws with minimum thread size 8-32.
- lectrical Contractor shall furnish as-built drawings to Architect upon completion of
- [lectrical Contractor shall be available for night inspection and approval of completed
- rior to final energization, neutral feed shall be disconnected from the panel and bus ith all load neutrals connected shall be tested in the presence of the electrical ngineer for faults to ground.
- circuit breaker, neutral and ground lug connections shall be torqued per anufacturer's specifications in the presence of the electrical inspector.
- The issuance of a permit shall not prevent the Building Official from requiring the orrection of errors on these plans or from preventing any violation of the codes



PEDESTAL DETAIL SCALE: NONE



11 X 17 AND 16 X 24 GRADE BOX | SCALE: NONE

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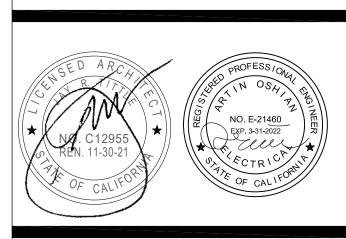
OXNARD UNION HIGH SCHOOL DISTRICT

BLVD, 3012

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DSA SUBMITTAL

07/22/2020 REASON

PRINCIPAL IN CHARGE B.E.S. PROJECT MANAGER

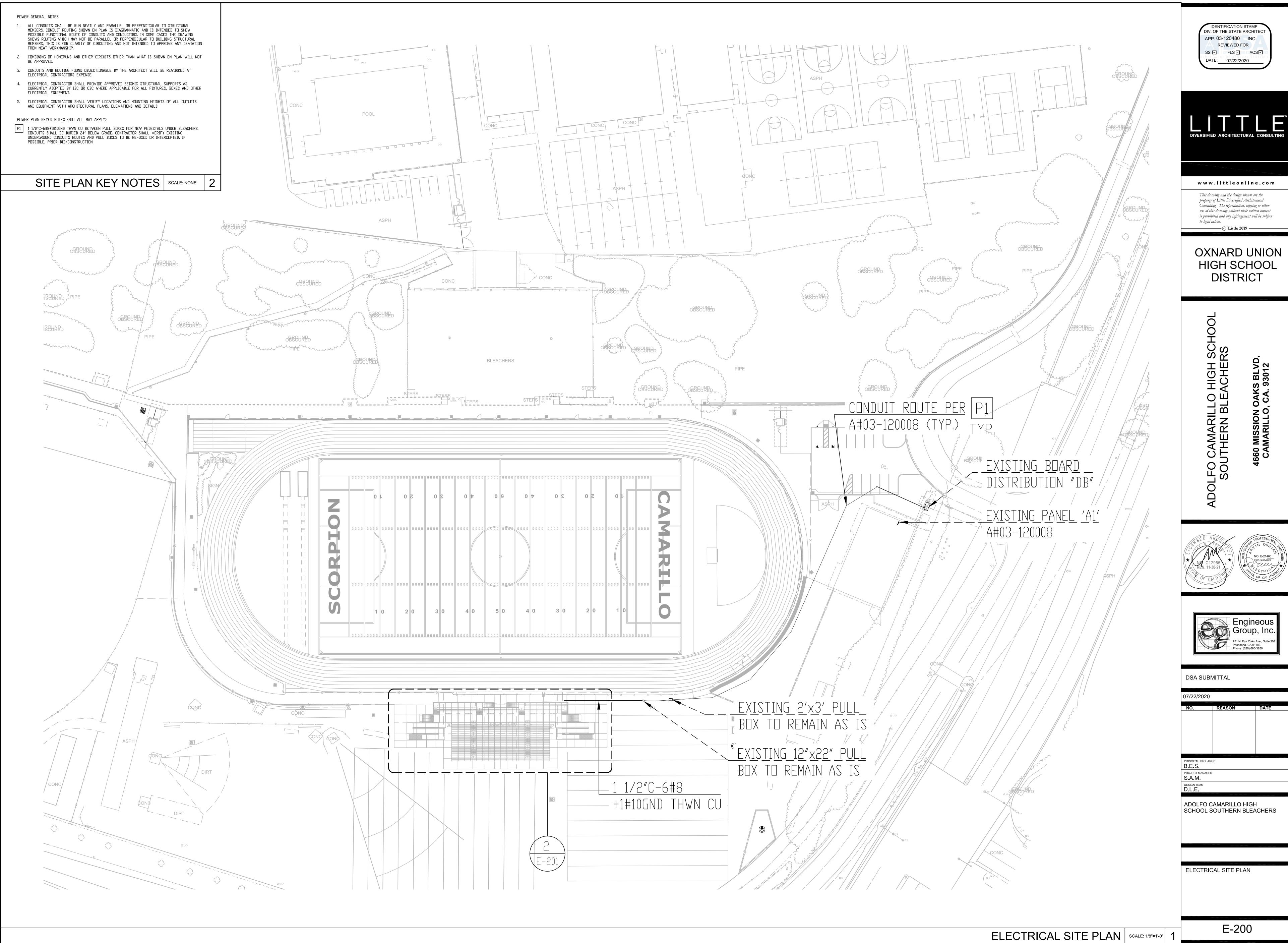
S.A.M. D.L.E.

ADOLFO CAMARILLO HIGH SCHOOL SOUTHERN BLEACHERS

SYMBOLS AND NOTES

E-000

NOTES | SCALE: NONE





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07/22/202	20	
NO.	REASON	DATE
PRINCIPAL IN C	HARGE	
PROJECT MANA	AGER	
DESIGN TEAM		

