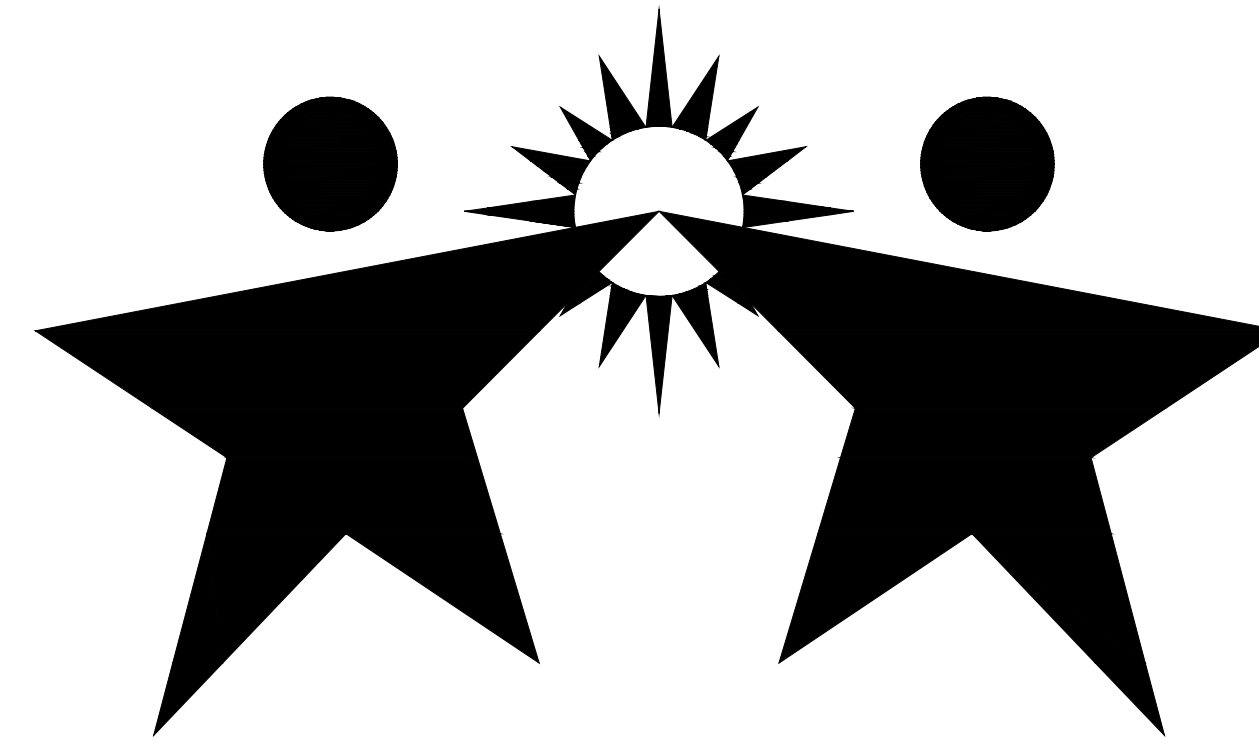
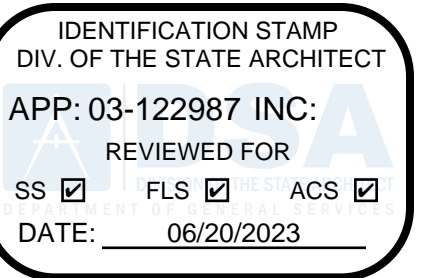


Culver City High School Press Box Addition

Culver City Unified School District
Culver City High School
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100% Construction Drawings
February 14, 2023



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Architect



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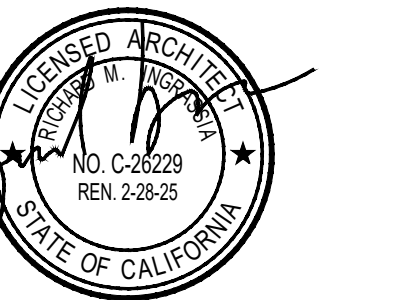
APPL. No. 03-122987

Culver City High School Press Box Addition
Culver City Unified School District
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Rev	Date	Issue
1	02-14-2023	DSA SUBMISSION

Date: 02.14.2023
Scale:
Drawn By: DH
Checked By: AU

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Consultants
VCA Engineers, Inc.
Taylor and Syfan Structural Engineers
FBA Engineering

Sheet Title
Cover Sheet

Sheet Number

G001

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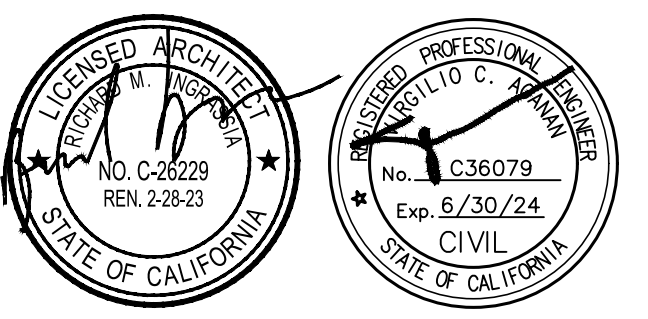
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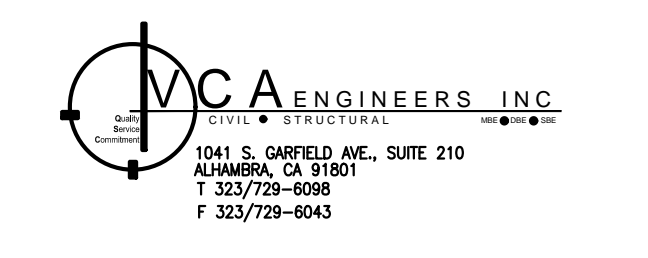
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Sheet Title

EXISTING CONDITIONS

Sheet Number

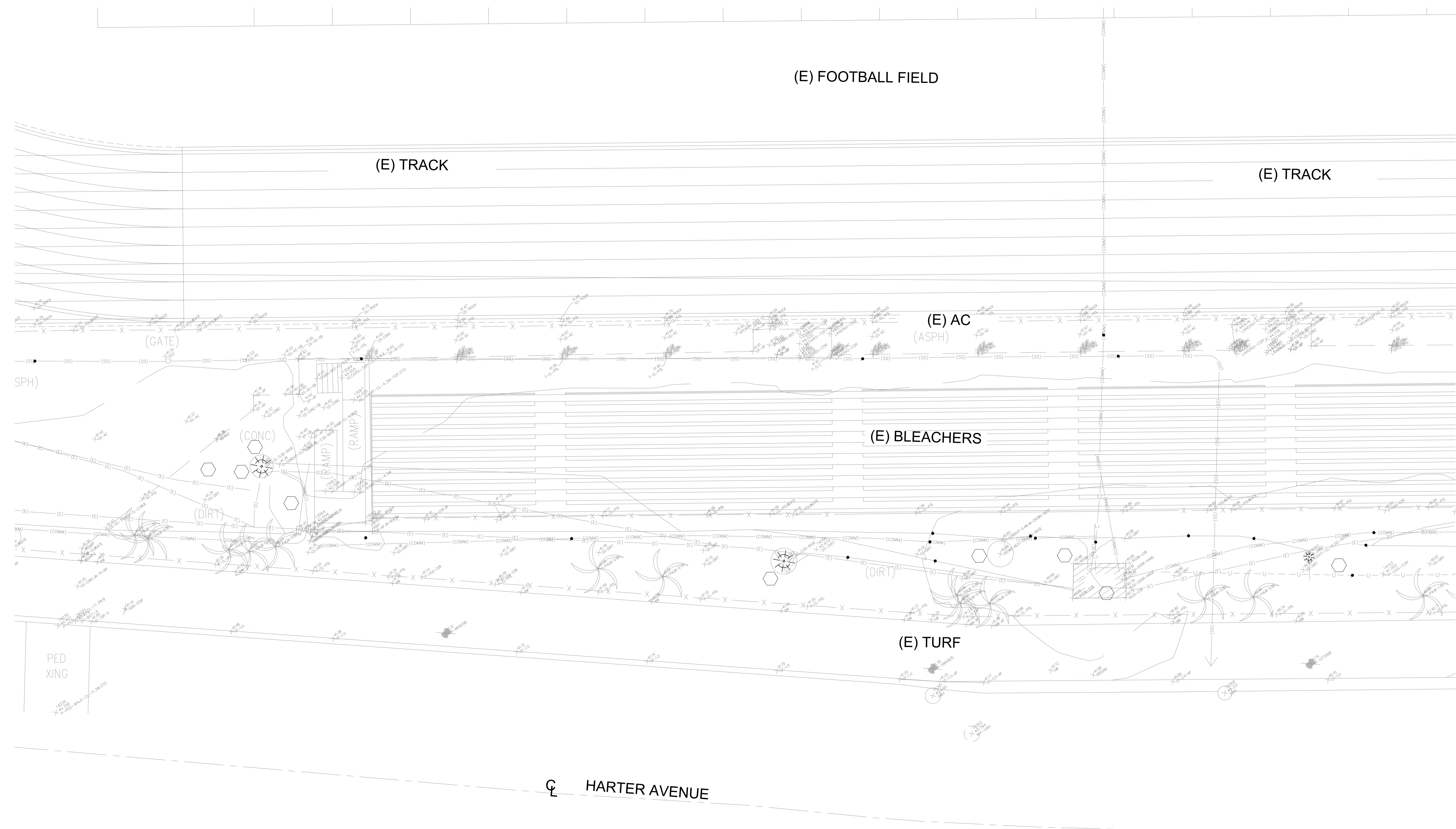
C-1.1

ABBREVIATIONS:

- AC ASPHALT CONCRETE
- BOT BOTTOM
- BW BACK OF SIDEWALK
- BX BOTTOM OF DRIVEWAY
- CC CONCRETE CEMENT
- CF CURB FACE
- CL CENTER LINE
- CONC CONCRETE
- DRWY DRIVEWAY
- EG EDGE OF GUTTER
- FD FOUND
- FL FLOWLINE
- GRD GROUND
- H HIGH
- H/C HANDICAP
- ICV IRRIGATION CONTROL VALVE
- INT INTERSECTION
- L LENGTH
- PB PULLBOX
- PL PROPERTY LINE
- PLTR PLANTER
- R RADIUS
- RDWY ROADWAY
- REC RECORD
- SCO SEWER CLEAN OUT
- T TREE
- TC TOP OF CURB
- TW TOP OF WALL
- TX TOP OF DRIVEWAY
- UTL UTILITY
- WF WATER FAUCET
- WM WATER METER
- WS WHITE STRIPE

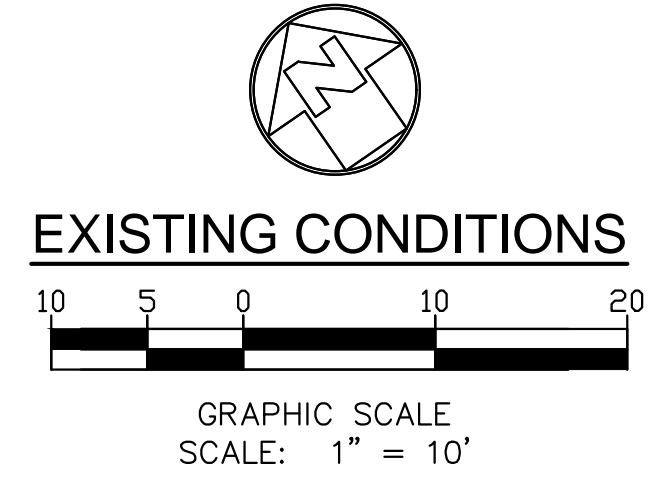
LEGEND:

- TREE
- STUMP
- FENCE & GATE
- LIGHT POST
- GROUND LIGHT
- HANDICAP PARKING



SURVEY NOTES:
 SURVEYOR DATE: 11-03-2022
 MICHAEL A. FORKERT, L.S. NO. 5662
 FORKERT ENGINEERING AND SURVEYING, INC
 22311 BROOKHURST ST., STE. I HUNTINGTON BEACH, CA 92646
 PHONE: (714) 963-6793
 FAX: (714) 963-7296
 BENCHMARK
 VERTICAL: LOS ANGELES COUNTY PUBLIC WORKS Y 9336
 EL = 51.089' (NAVD88)

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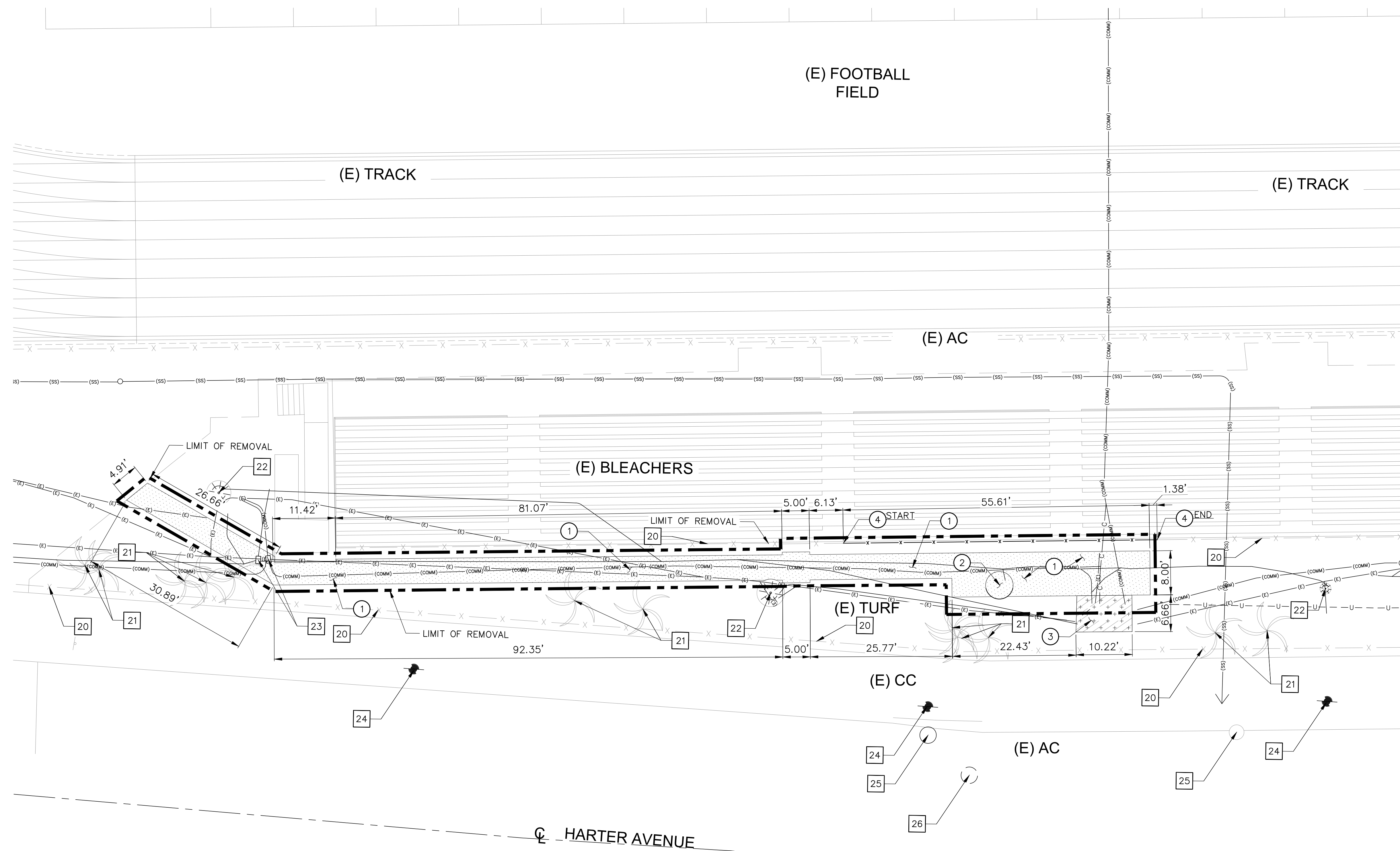


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REMOVAL NOTES:

- 1 CLEAR, GRUB AND REMOVE EXISTING TURF/PLANTER/EXPOSED SUBGRADE AREA. REMOVE EXISTING SHRUBS AND ROOTS.
- 2 REMOVE EXISTING CROWS NEST AND ASSOCIATED APPURTENANCES.
- 3 REMOVE EXISTING ELECTRICAL ROOM. RELOCATE AND/OR REMOVE EXISTING ELECTRICAL AND IRRIGATION CONTROLS. SEE ELECTRICAL DRAWINGS. REROUTE ANY EXISTING IRRIGATION LINES THAT MAY INTERFERE WITH THE CONSTRUCTION OF FOUNDATION OF THE NEW PRESS BOX.
- 4 TEMPORARILY REMOVE CHAINLINK FENCE FABRIC. FENCE FOOTING ADJACENT TO THE OVER-EXCAVATION SHALL BE REMOVED. RECONSTRUCT FENCE FOOTING, PER ARCHITECTURAL DRAWINGS, UPON FILLING AND COMPACTING OF OVER-EXCAVATED PIT. REINSTALL CHAINLINK FENCE FABRIC TO NEW DESIGN GRADE UPON CURING OF FENCE FOOTING.

PROTECT-IN-PLACE NOTES:

- 20 PROTECT IN PLACE EXISTING CHAINLINK FENCE.
- 21 PROTECT IN PLACE EXISTING TREES, SHRUBS, SOD, ETC. COORDINATE WITH LANDSCAPE DRAWINGS.
- 22 PROTECT IN PLACE EXISTING LIGHT POLE.
- 23 PROTECT IN PLACE EXISTING ELECTRICAL PULL BOX. ADJUST TO FINISH GRADE.
- 24 PROTECT IN PLACE EXISTING ELECTRICAL EQUIPMENT.
- 25 PROTECT IN PLACE EXISTING SEWER MANHOLE.
- 26 PROTECT IN PLACE EXISTING UTILITY MANHOLE.

REMOVAL LEGEND:

- CLEAR, GRUB AND REMOVE EXISTING TURF/PLANTERS/SHRUBS/EXPOSED SUBGRADE AREA. REMOVE EXISTING SHRUBS AND ROOTS IN THEIR ENTIRETY.
- REMOVE EXISTING ELECTRICAL ROOM. RELOCATE EXISTING ELECTRICAL AND IRRIGATION CONTROLS. SEE ELECTRICAL DRAWINGS. REROUTE ANY EXISTING IRRIGATION LINES THAT MAY INTERFERE WITH THE CONSTRUCTION OF FOUNDATION OF THE NEW PRESS BOX.
- LIMIT REMOVAL

SHEET NOTES:

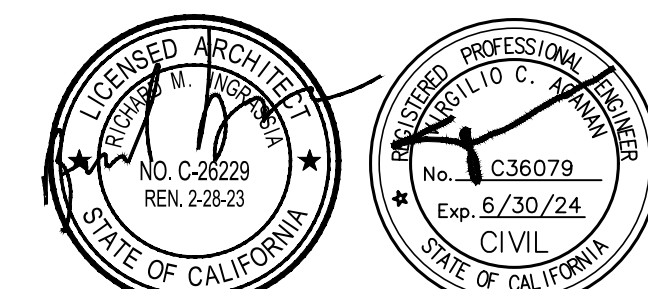
1. FOR GENERAL NOTES, LEGENDS AND ABBREVIATIONS, SEE SHEET C-1.0.
2. SEE ARCHITECTURAL DRAWINGS FOR OTHER SITE RELATED DIMENSIONS NOT SHOWN ON THIS DRAWING.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY AND SURFACE AND/OR UNDERGROUND UTILITIES IN CONFLICT WITH THE PROPOSED DEMOLITION AND DESIGN ITEMS. CONTRACTOR SHALL REPORT ANY DISCREPANCIES AND/OR CONSTRUCTION RELATED ISSUES TO THE OWNER OR DESIGN TEAM PRIOR TO THE COMMENCEMENT OF WORK.
4. CONTRACTOR TO VERIFY IN FIELD THE JOINING TO EXISTING ELEVATION AND THE CURRENT SITE CONDITION WITH THE DESIGN GRADES. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE OWNER OR DESIGN TEAM PRIOR TO THE COMMENCEMENT OF WORK.

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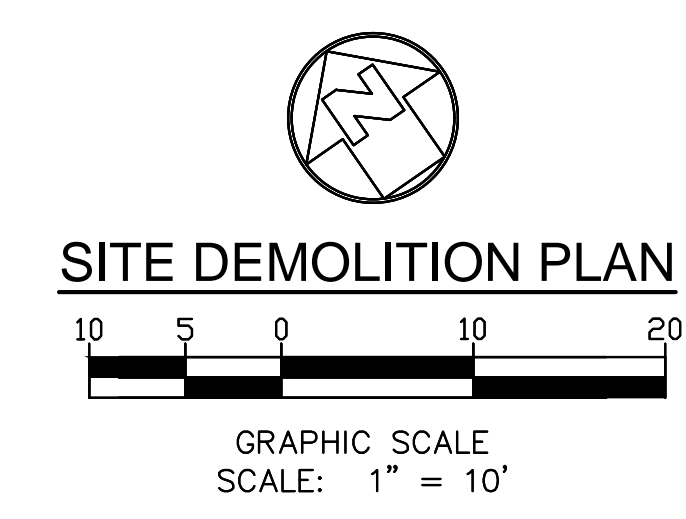


Consultants

 MCA ENGINEERS INC.
 1001 S. HARPER AVE., SUITE 210
 CHAMBERLAIN, CA 94521
 T 925/759-8088
 F 925/759-8043

Sheet Title
SITE DEMOLITION PLAN

Sheet Number
CD-1.0

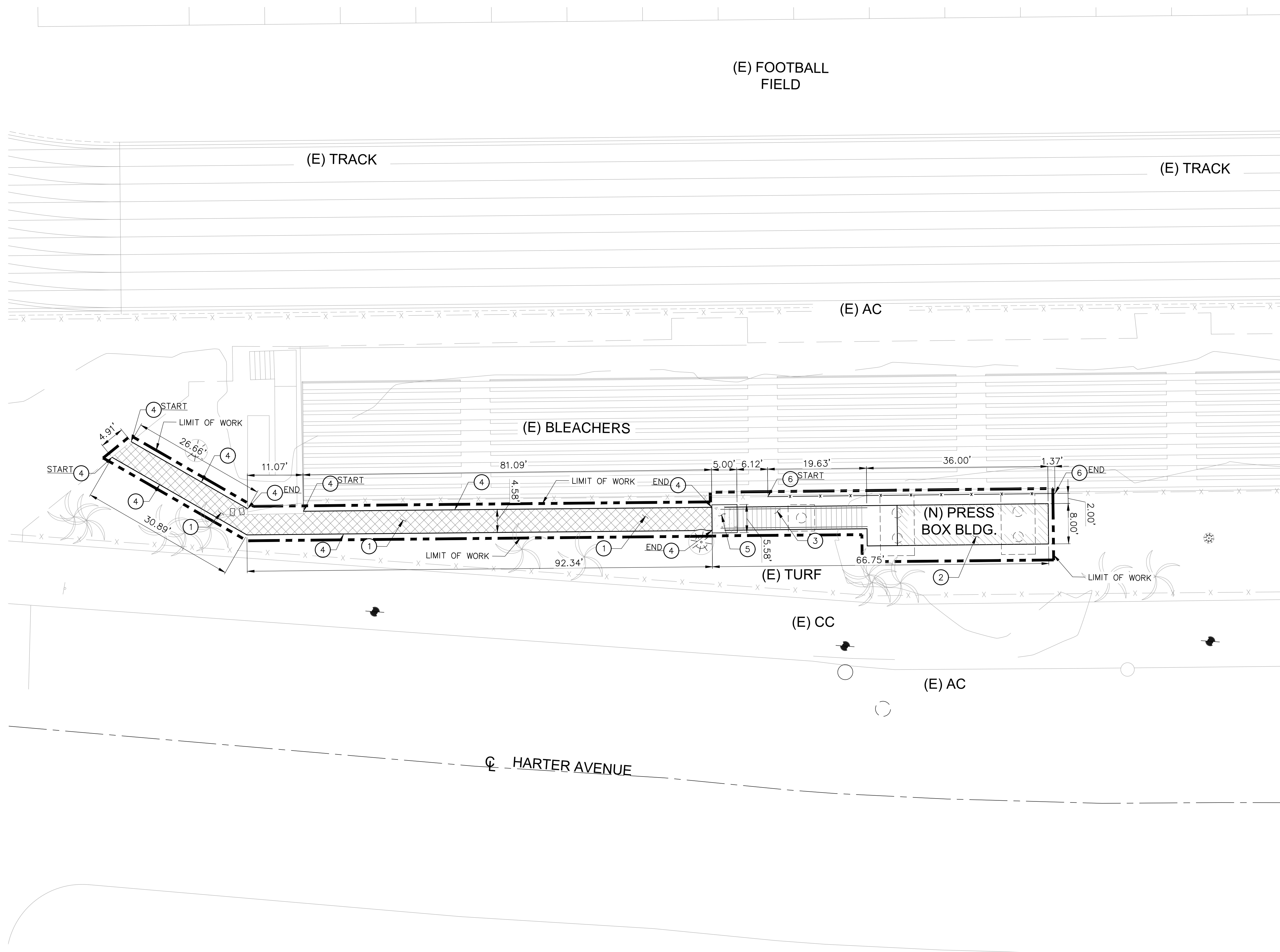




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CONSTRUCTION NOTES:

- 1 3" THICK ASPHALT PAVEMENT OVER 6.5" BASE PER DETAIL 1 ON SHEET C-4.0.
- 2 INSTALL NEW PRESS BOX WITH ROOF DECK BUILDING PER ARCHITECTURAL AND SOUTHERN BLEACHER COMPANY DRAWINGS.
- 3 INSTALL NEW STAIR PER ARCHITECTURAL AND SOUTHERN BLEACHER COMPANY DRAWINGS.
- 4 INSTALL AC PAVEMENT EDGING PER DETAIL 3 ON SHEET C-4.0.
- 5 INSTALL CONCRETE EXIT PAD PER SOUTHERN BLEACHER COMPANY DRAWINGS.
- 6 RECONSTRUCT FENCE FOOTING, PER ARCHITECTURAL DRAWINGS, UPON FILLING AND COMPACTING OF OVER-EXCAVATED PIT. REINSTALL CHAINLINK FENCE FABRIC TO NEW DESIGN GRADE UPON CURING OF FENCE FOOTING.

LEGEND:

- 3" THICK ASPHALT PAVEMENT OVER 6.5" BASE PER DETAIL 1 ON SHEET C-4.0.
- NEW PRESS BOX BUILDING PER ARCHITECTURAL AND SOUTHERN BLEACHER COMPANY DRAWINGS.
- INSTALL CONCRETE EXIT PAD PER SOUTHERN BLEACHER COMPANY DRAWINGS.
- PATH OF TRAVEL
- LIMIT OF WORK

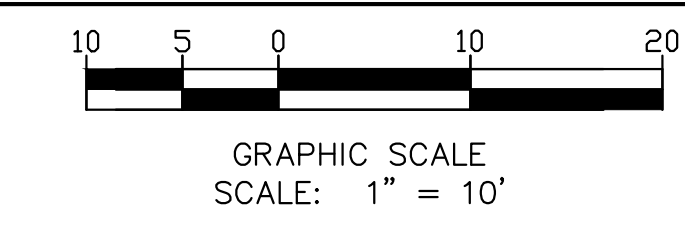
SURVEY NOTES:

SURVEYOR DATE: 11-03-2022
 MICHAEL A. FORKERT, L.S. NO.: 5662
 FORKERT ENGINEERING AND SURVEYING, INC
 22311 BROCKHURST ST., STE. I HUNTINGTON BEACH, CA 92646
 PHONE: (714) 963-6793
 FAX: (714) 963-7296
 BENCHMARK:
 VERTICAL: LOS ANGELES COUNTY PUBLIC WORKS Y 9336
 EL = 51.089' (NAVD88)

SHEET NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR OTHER SITE DIMENSIONS AND IMPROVEMENTS NOT SHOWN ON THIS DRAWING.
2. SEE ARCHITECTURAL DRAWINGS FOR ADA PATH OF TRAVEL AND ADA SITE SIGNAGE.
3. PROTECT IN PLACE ALL EXISTING TREES, IRRIGATION LINE, STREET LIGHT, ELECTRICAL LINES, YARD BOX AND SIGNS.
4. CONTRACTOR SHALL REPLACE DAMAGED UTILITIES OR STRUCTURES DUE TO SITE WORK.

SITE CONTROL AND UTILITY PLAN

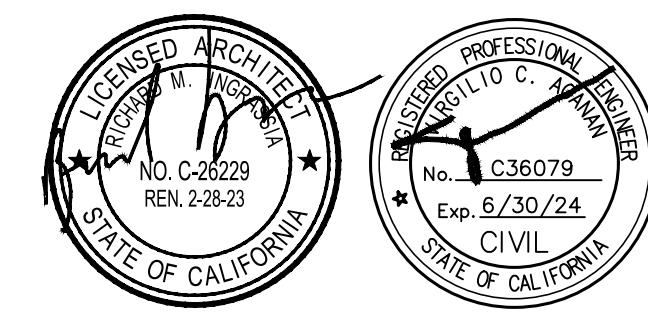


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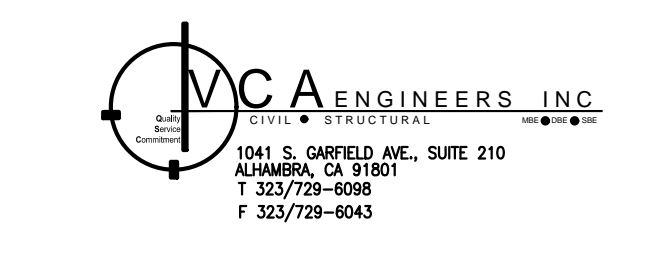
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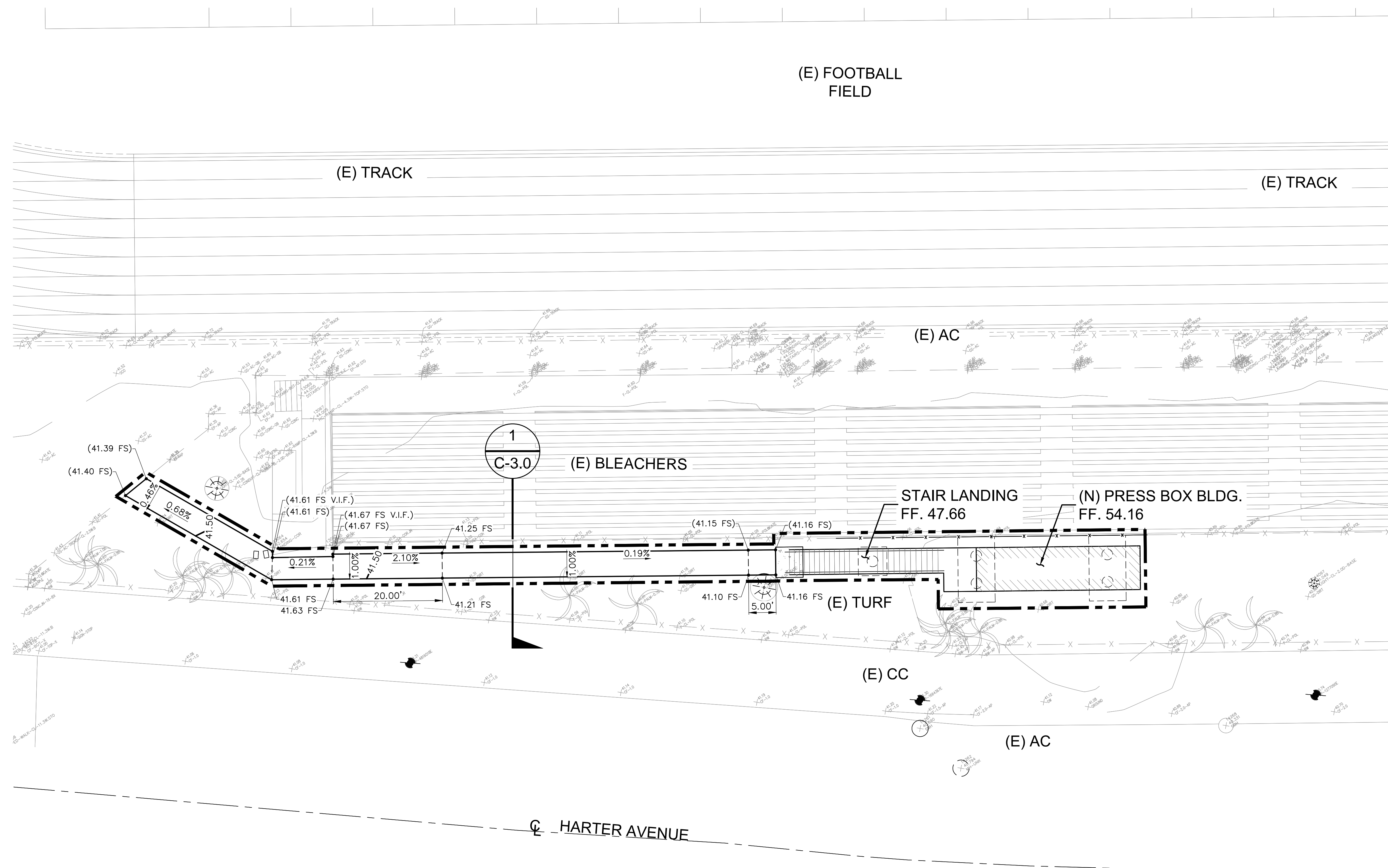


Sheet Title

SITE CONTROL AND UTILITY PLAN

Sheet Number

C-2.0



ESTIMATED EARTHWORK QUANTITY (ENTIRE SITE)

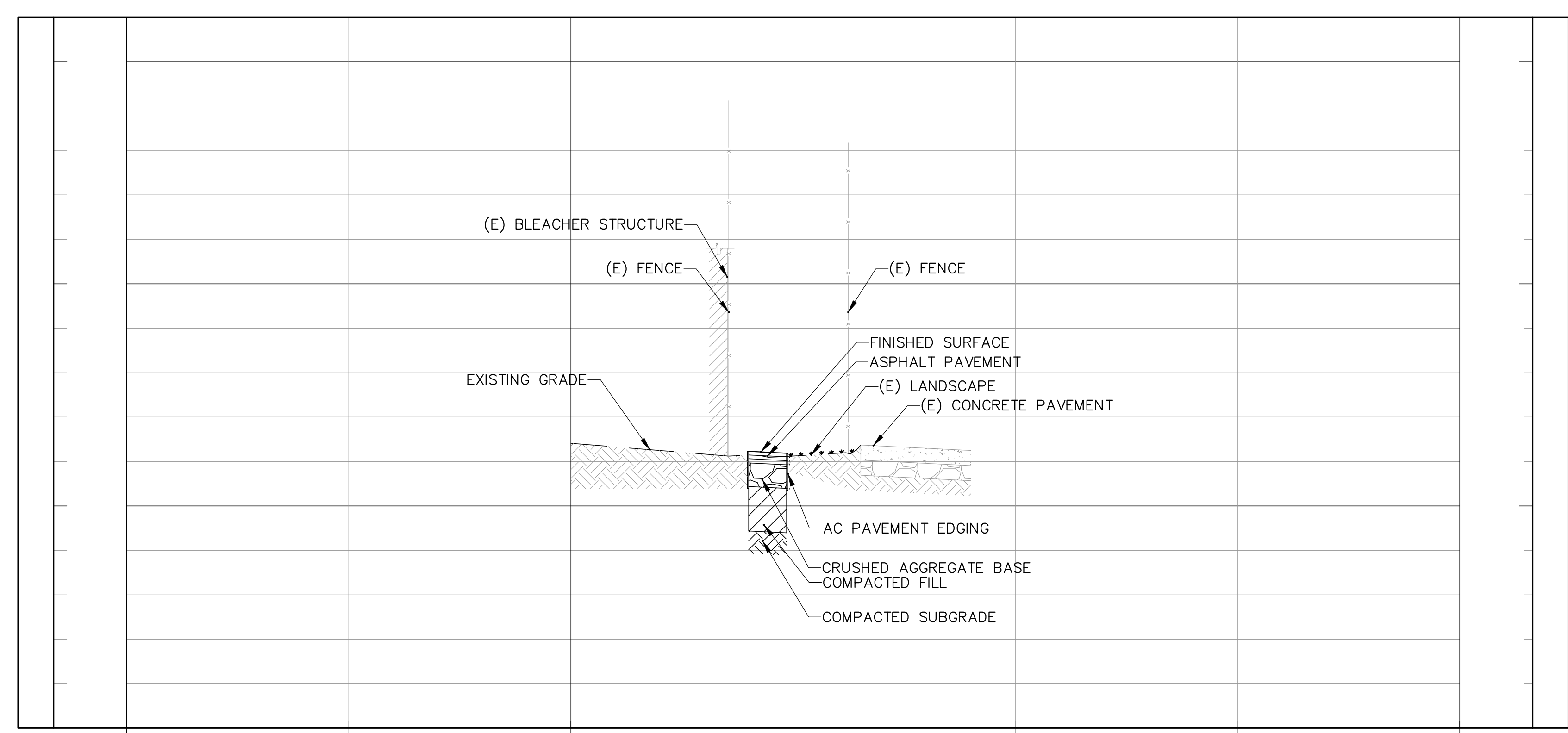
ESTIMATED CUT = 0.1 CY
 ESTIMATED FILL = 4.0 CY
 ESTIMATED NET = 3.9 CY (FILL)

NOTES:

- ESTIMATED EARTHWORK ABOVE IS BASED ON DESIGN FINISH GRADES TO EXISTING GRADES IN SURVEY. THE ESTIMATED EARTHWORK DOES NOT CONSIDER THE THICKNESS OF EACH PAVEMENT MATERIAL, FOUNDATION AND SLAB ON GRADE VOLUMES, THE REMOVAL OF ANY UNSUITABLE MATERIAL, AND THE REMOVAL OF EXISTING BASEMENTS, PITS, VAULTS, TOP SOIL OR VEGETATION.
- THE ESTIMATED EARTHWORK QUANTITIES DO NOT INCLUDE SHRINKAGE FACTORS DUE TO COMPACTION OR ANY OVER EXCAVATION QUANTITIES.
- THE CONTRACTOR SHALL CALCULATE HIS OWN EARTHWORK QUANTITIES NECESSARY FOR HIS BID AND WORK. VCA IS NOT RESPONSIBLE AND LIABLE FOR THE CONTRACTOR'S EARTHWORK CALCULATIONS.
- ESTIMATED EARTHWORK QUANTITIES ABOVE ASSUME THAT ALL ON-SITE MATERIALS ARE SUITABLE FOR BACKFILLING. HOWEVER, ACTUAL EXISTING ON-SITE MATERIALS AND IMPORTED MATERIALS MUST FIRST BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION, REMOVAL, OR REPLACEMENT.

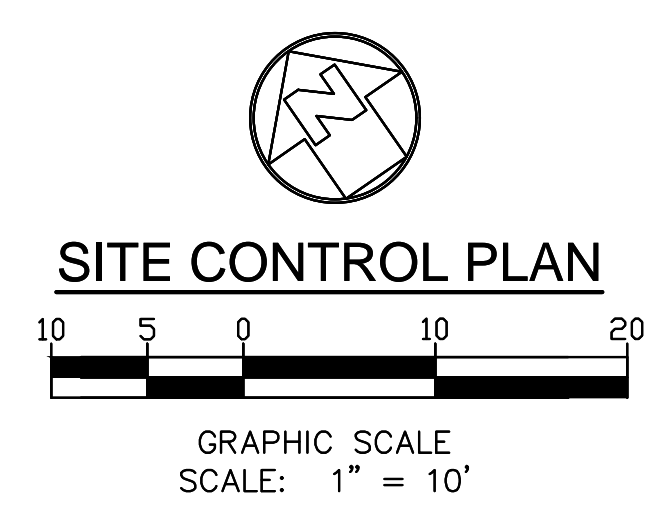
SHEET NOTES:

- FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEETS C-1.0.
- SEE ARCHITECTURAL FOR OTHER SITE RELATED DIMENSIONS NOT SHOWN ON THIS DRAWING.
- FOR PAVEMENT MARKINGS AND STRIPING, RAMP WITH HANDRAILS, PLANTER AREA, TRASH ENCLOSURE AND TRANSFORMER ENCLOSURE, SEE ARCHITECTURAL DRAWINGS.



GRADING SECTION
 SCALE: HOR 1"=10' VER 1"=2'

1
C-3.0

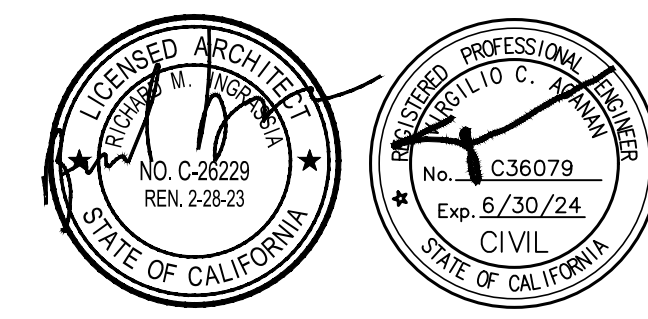


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 ANAHEIM, CA 92801
 T 714/779-4000
 F 714/779-4043

Sheet Title

SITE GRADING PLAN

Sheet Number

C-3.0

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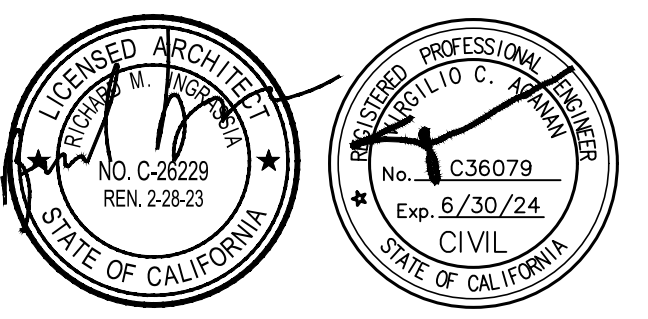
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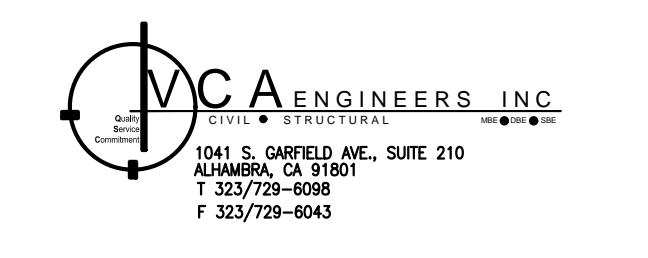
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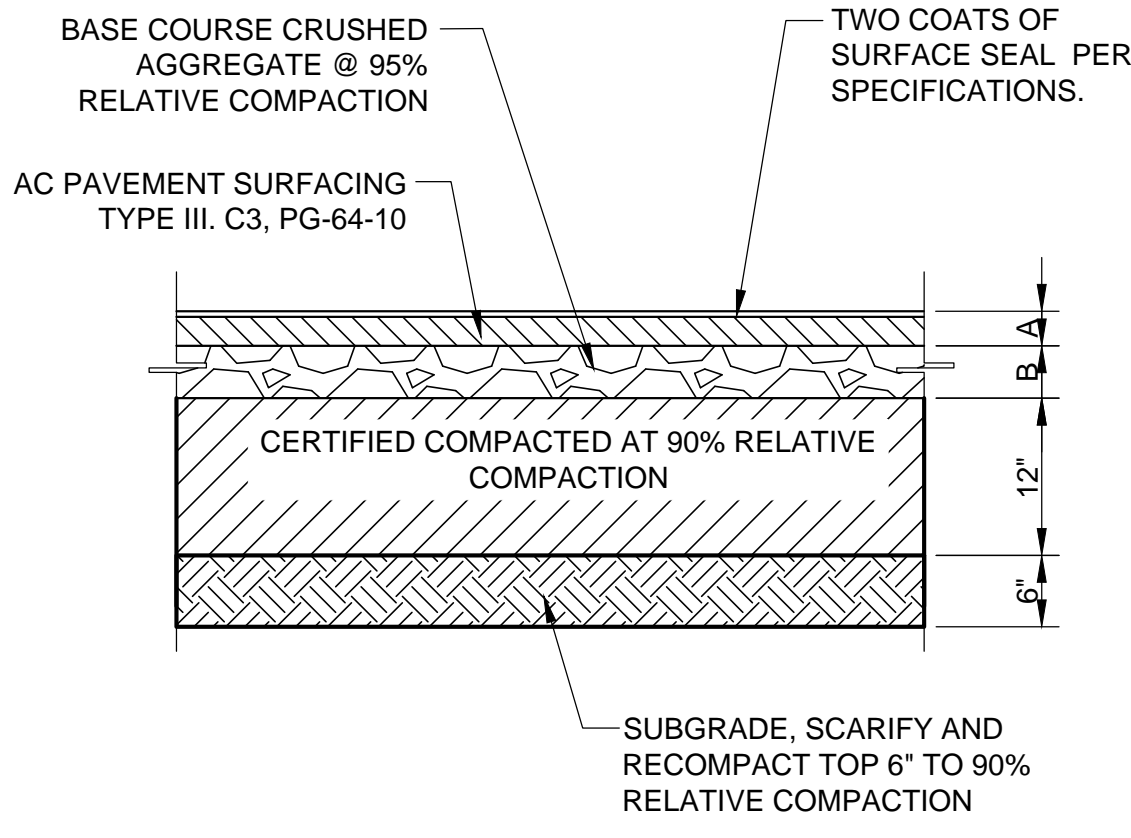
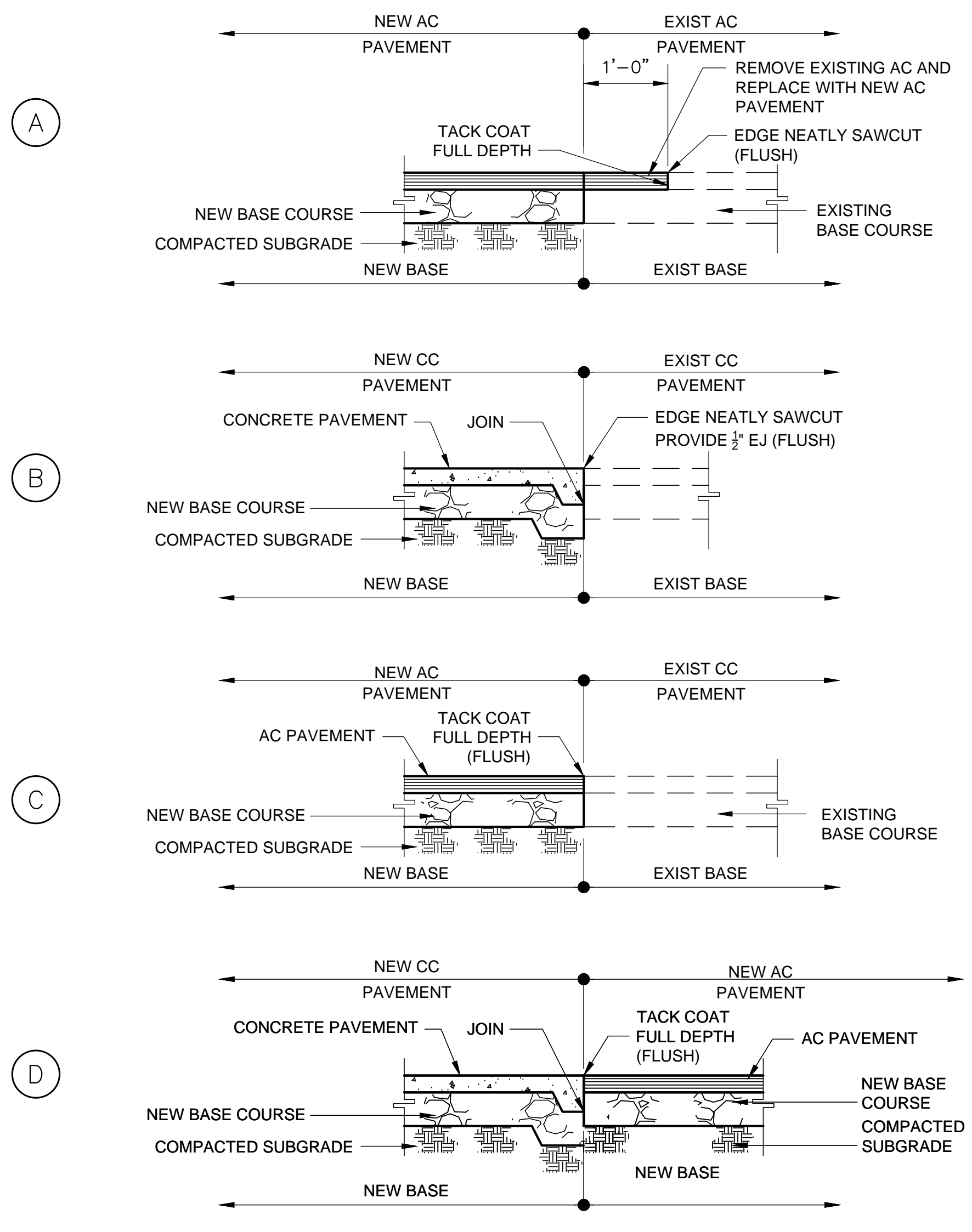
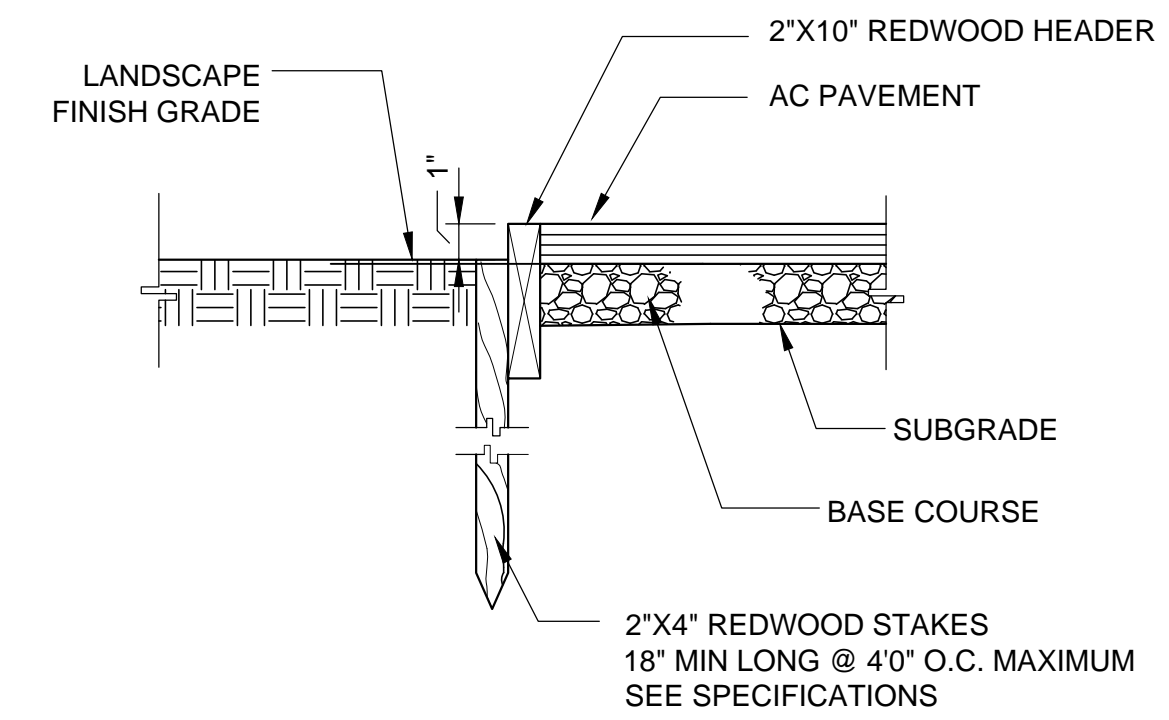


Sheet Title

MISCELLANEOUS DETAILS

Sheet Number

C-4.0



LOCATION	ASPHALT CONCRETE		BASE COURSE		
	THICKNESS "A"	CLASS	THICKNESS "B"	TYPE	GRADE
LIGHT TRAFFIC / PARKING	3"	TYPE III, C3, PG-64-10	6.5"	CAB	FINE

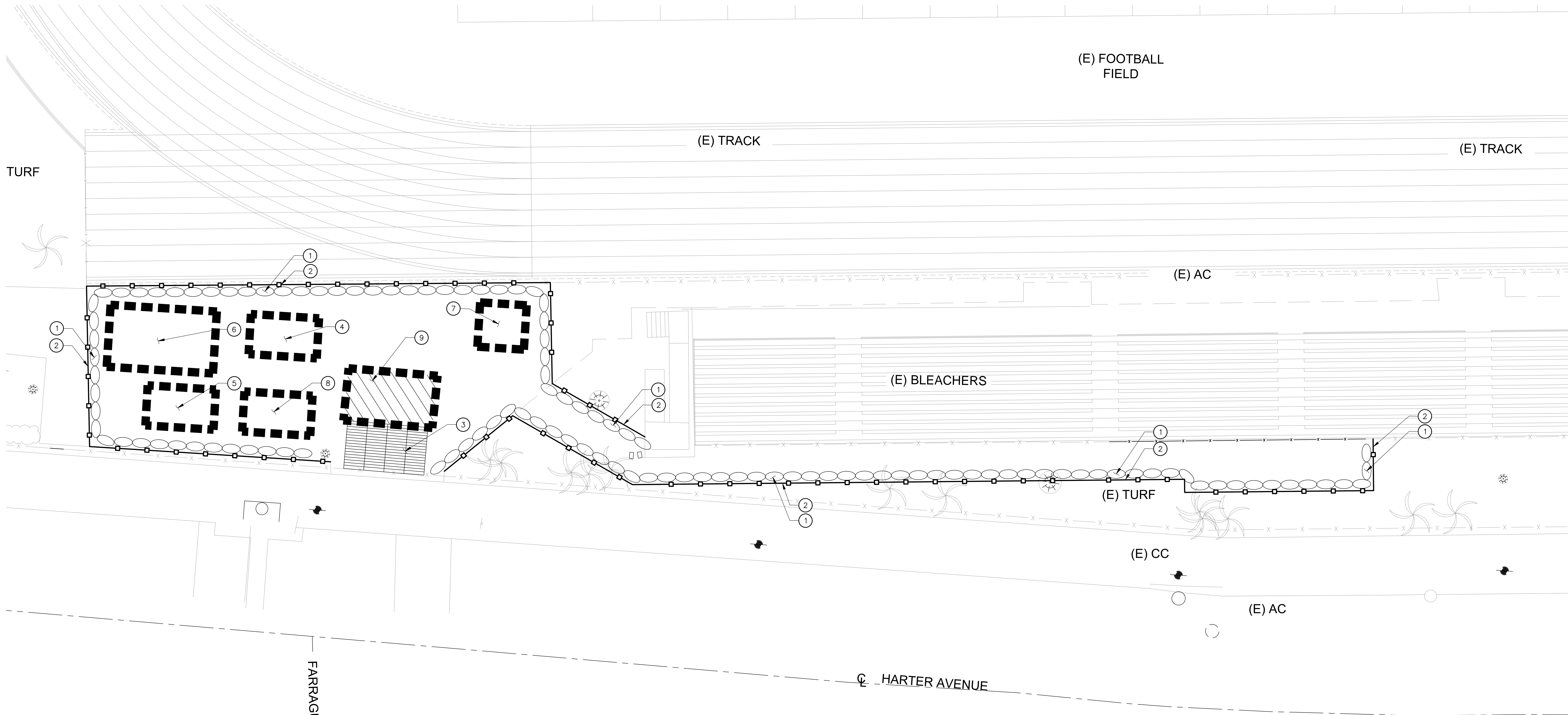
NOTES:

- FOR CONSTRUCTION PAVEMENT TRANSITION REFER TO DETAIL 2 ON THIS SHEET.
- FOR AC PAVEMENT EDGING REFER TO DETAIL 3 ON THIS SHEET.

1 ASPHALT PAVEMENT DETAIL
 NOT TO SCALE

2 PAVEMENT TRANSITIONAL DETAIL
 NOT TO SCALE

3 REDWOOD HEADER DETAIL
 NOT TO SCALE

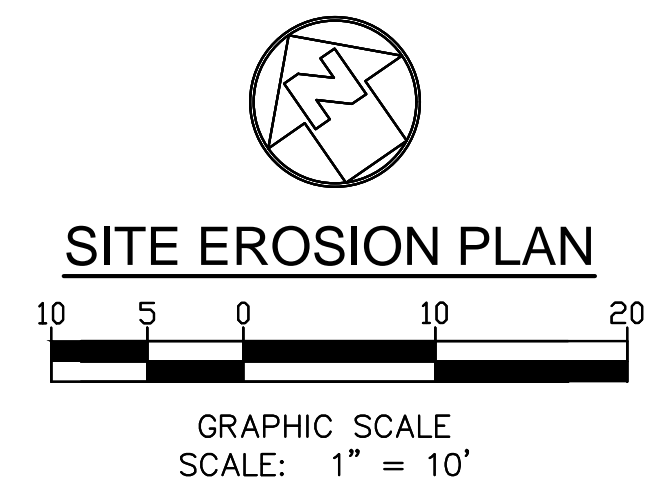


CONSTRUCTION NOTES:

- 1 INSTALL GRAVEL BAGS UNTIL THE COMPLETION OF THE SITE CONSTRUCTION. REFER TO DETAIL 2 ON SHEET C-5.1.
- 2 SILT FENCE PER DETAIL 8 ON SHEET C-5.1.
- 3 STABILIZED CONSTRUCTION ENTRANCE/EXIT PER DETAIL 7 ON SHEET C-5.1.
- 4 PROPOSED AREA FOR EQUIPMENT STAGING. CONTRACTOR TO VERIFY EXACT LOCATION AND COORDINATE WITH THE CONTRACTOR PROJECT MANAGER.
- 5 PROPOSED AREA FOR FUELING/OILING. CONTRACTOR TO VERIFY ACTUAL AREA NEEDED AND COORDINATE WITH THE CONTRACTOR PROJECT MANAGER.
- 6 PROPOSED AREA FOR LOADING. CONTRACTOR TO VERIFY EXACT LOCATION AND COORDINATE WITH THE CONTRACTOR PROJECT MANAGER.
- 7 PROPOSED AREA FOR TEMPORARY TOILETS. CONTRACTOR TO VERIFY EXACT LOCATION AND COORDINATE WITH THE CONTRACTOR PROJECT MANAGER.
- 8 PROPOSED AREA FOR VEHICLE AND EQUIPMENT CLEANING. CONTRACTOR TO VERIFY EXACT LOCATION AND COORDINATE WITH THE CONTRACTOR PROJECT MANAGER.
- 9 TIRE WASH PER DETAIL 6 ON SHEET C-5.1.

SHEET NOTES:

1. LOCATION FOR ANY DESIGNATED STOCKPILES SHALL BE COORDINATED AND DETERMINED BY THE CONTRACTOR ON-SITE. CONTRACTOR SHALL APPLY ALL APPLICABLE BMP'S TO PROTECT THE STOCKPILE AS OUTLINED IN DETAIL 4 ON SHEET C-5.1.
2. INSTALL 2" OF TEMPORARY CAB GRAVEL ON ALL ON-SITE CONSTRUCTION ROADWAYS TO STABILIZED AND CONTROL EROSION.
3. CONTRACTOR SHALL FROM TIME TO TIME MONITOR THE CONSTRUCTION SITE TO CLEAN AND SWEEP MATERIALS TRACKED OFF SITE.
4. ALL BMP'S, SILT FENCES, ETC., SHALL BE MONITORED AND MAINTAINED BY THE NTP1 CONTRACTOR FOR THE ENTIRE DURATION OF THE CONTRACT.
5. CONTRACTOR SHALL MONITOR WASTEWATER DISCHARGE (INCLUDING STORM RUNOFF) TO ENSURE IT MEETS STANDARDS SET BY APPROPRIATE LAWS, CODES, REGULATIONS, ORDINANCES AND PERMITS. PROVIDE A SETTLING BASIN AND OIL SEPARATOR PRIOR TO ITS DISCHARGE TO CITY OR COUNTRY SEWERS. PROVIDE A WATER SAMPLING STATION DOWNSTREAM OF BASIN FOR MONITORING OF WASTE WATER. DISPOSE OF WASTEWATER IN CLOSED CONDUITS SO AS NOT TO DAMAGE PUBLIC OR PRIVATE PROPERTY NOR CREATE A NUISANCE OR HEALTH HAZARD.
6. CONTRACTOR SHALL NOT DISCHARGE POLLUTANTS DOWNSTREAM OF THE SETTLING BASIN/OIL SEPARATOR. THESE POLLUTANTS INCLUDE LUBRICANTS, FUELS, CHEMICALS, AND BITUMENS, CONTROL USE OF LUBRICATING OILS, HYDRAULIC FLUIDS, GREASES, AND OTHER SUCH PRODUCTS. PROMPTLY CLEAN UP AND PROPERLY DISPOSE OF MATERIALS CONTAMINATED BY SPILLAGE OR LEAKAGE OF PRODUCTS.
7. THE CONTRACTOR SHALL MODIFY AS REQUIRED THE CURRENT APPROVED SWPPP/EROSION CONTROL PLANS FOR EACH PHASE OF THE PROJECT OR AS CONSTRUCTION ACTIVITIES PROGRESS THROUGH THE DURATION OF THE CONTRACT. THESE MODIFICATIONS SHALL BE REPORTED AND COORDINATED WITH BOTH THE QSD AND THE GSP. ANY MODIFICATIONS TO THE OVERALL DURATION OF CONSTRUCTION SCHEDULE FROM THAT AS SHOWN ON THE CURRENT SWPPP SHALL ALSO BE REPORTED TO THE QSD. THE QSD SHALL THEN BE REQUIRED TO FILE AN EXTENSION OF CONSTRUCTION OR COI, (CHANGE OF INFORMATION), WITH THE STATE WATER RESOURCE CONTROL BOARD. ALL BMP'S SHALL BE MAINTAINED YEAR ROUND TO THE SATISFACTION OF THE QSD AND GSP.
8. CONTRACTOR SHALL PROTECT ALL EXISTING DRAIN INLETS WITHIN A 500-FT RADIUS FROM THE CENTER OF THE SITE TO PREVENT NON-STORMWATER RUNOFF FROM ENTERING THE STORM DRAIN SYSTEM.
9. FOR EROSION CONTROL GENERAL NOTES, AND MISCELLANEOUS REQUIREMENTS, SEE SHEET C-5.1.

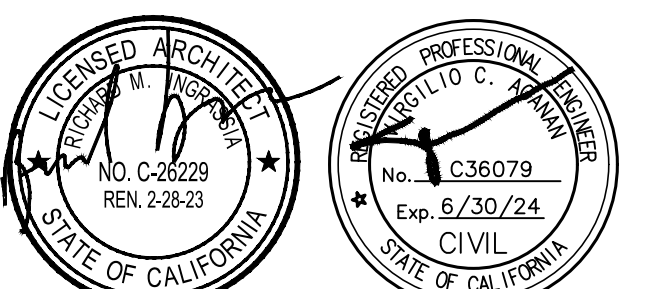


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 Drawn By: JS
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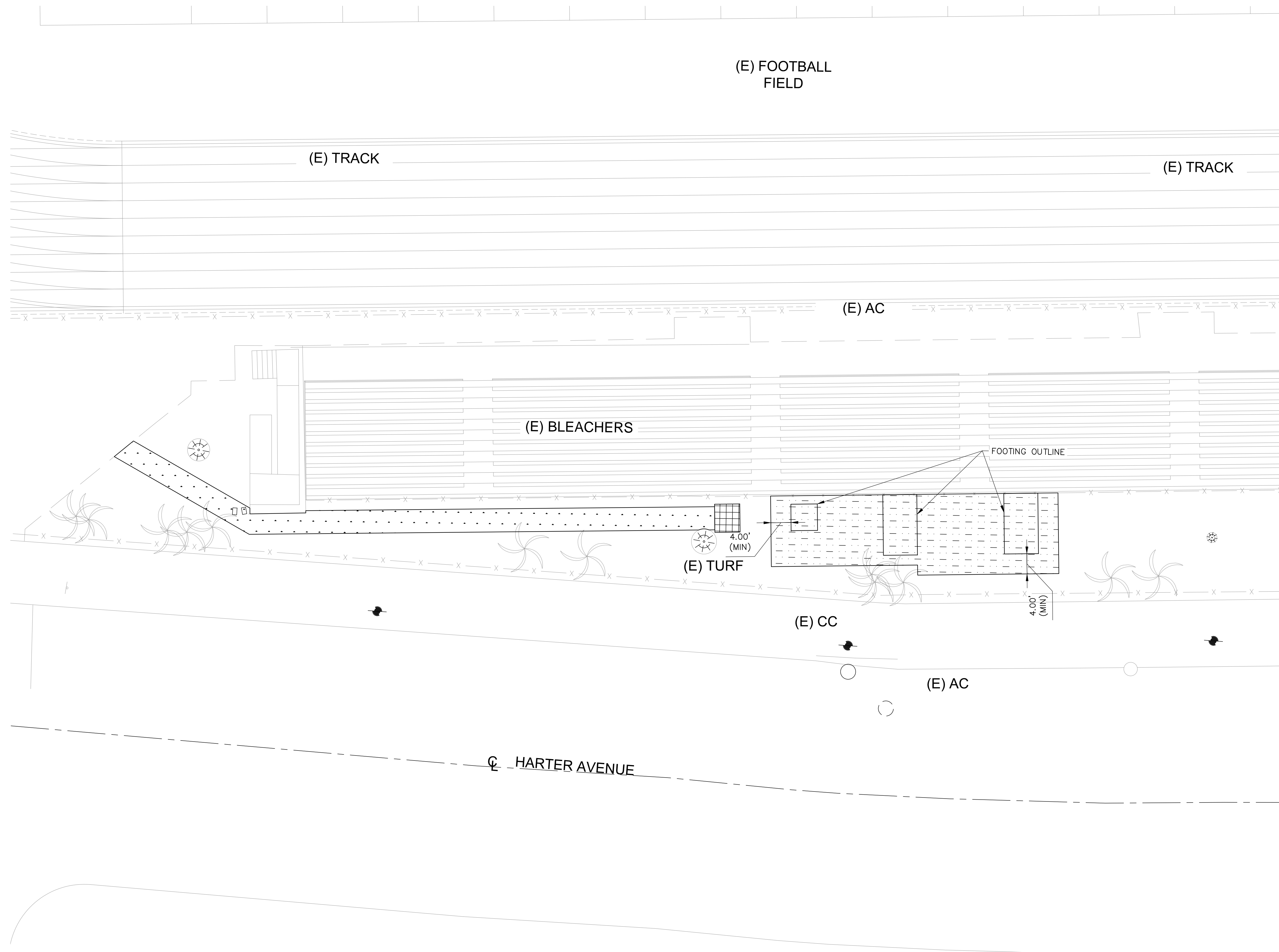
Architect / Engineer Stamp



Consultants



Sheet Title
SITE EROSION PLAN
 Sheet Number
C-5.0



OVER EXCAVATION LEGEND:

- THE EXISTING SOIL BENEATH THE PROPOSED BUILDING SHALL BE OVER EXCAVATED AT LEAST 4 FEET BELOW THE LOWEST ADJACENT GRADE. THE FOOTING IS TO BE SUPPORTED TO AT LEAST 3 FEET OF "VERY LOW" EXPANSIVE ENGINEERED FILL (I.E. EXPANSION INDEX OF 20 OR LESS) AND EMBEDDED A MINIMUM OF 12 INCHES BELOW THE LOWEST ADJACENT GRADE.
- SLAB-ON-GRADE SHALL BE OVEREXCAVATED AT LEAST 2 FEET OF "VERY LOW" EXPANSIVE ENGINEERED FILL.
- PAVEMENTS AND HARDSCAPE SHALL BE OVER-EXCAVATED AT LEAST 1 FOOT AS MEASURED FROM THE BOTTOM OF PAVEMENT OR HARDSCAPE SECTION.

NOTE:

- EXCAVATIONS ADJACENT TO EXISTING FOUNDATIONS AND STRUCTURES SHALL BE PERFORMED IN SLOTS USING AN "A-B-C" SEQUENCE TO PREVENT UNDERMINING THE EXISTING ADJACENT STRUCTURE. THE SLOT-CUTS SHALL NOT EXCEED A WIDTH OF 5 FEET CONSIDERING THE EXCAVATION DEPTH IS NO MORE THAN 5 FEET. THE SLOT WIDTH CAN BE INCREASED UPON EVALUATION AND APPROVAL BY THE GEOTECHNICAL ENGINEER.

1 OVER-EXCAVATION FOR BUILDING DETAIL
 NOT TO SCALE

SHEET NOTES:

- FOR GENERAL NOTES, LEGENDS AND ABBREVIATIONS, SEE SHEET C-1.0.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY AND SURFACE AND/OR UNDERGROUND UTILITIES IN CONFLICT WITH THE PROPOSED DEMOLITION AND DESIGN ITEMS. CONTRACTOR SHALL REPORT ANY DISCREPANCIES AND/OR CONSTRUCTION RELATED ISSUES TO THE OWNER OR DESIGN TEAM PRIOR TO THE COMMENCEMENT OF WORK.
- CONTRACTOR TO VERIFY IN FIELD THE JOINING TO EXISTING ELEVATION AND THE CURRENT SITE CONDITION WITH THE DESIGN GRADES. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE OWNER OR DESIGN TEAM PRIOR TO THE COMMENCEMENT OF WORK.

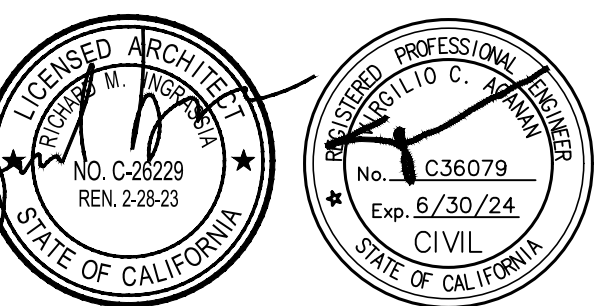
Culver City High School Press Box Addition

Culver City Unified School District
 4401 Elenda Street
 Culver City, California 90230

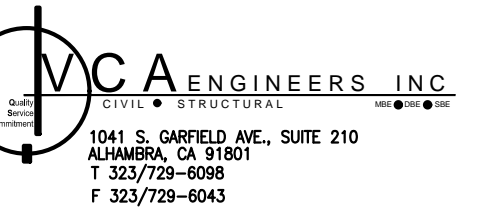
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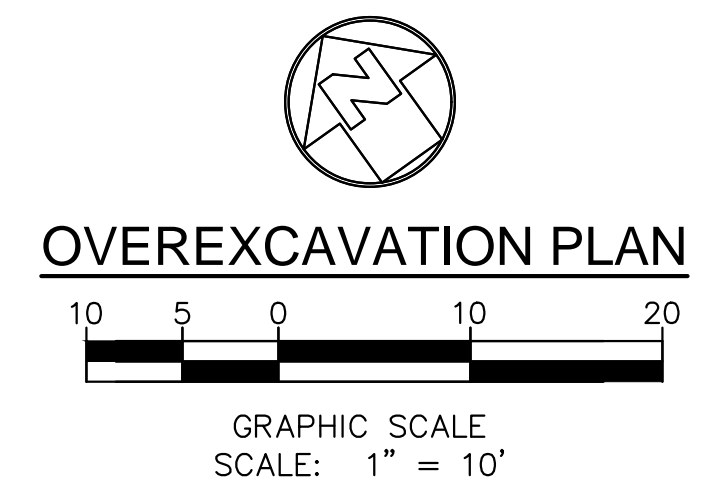


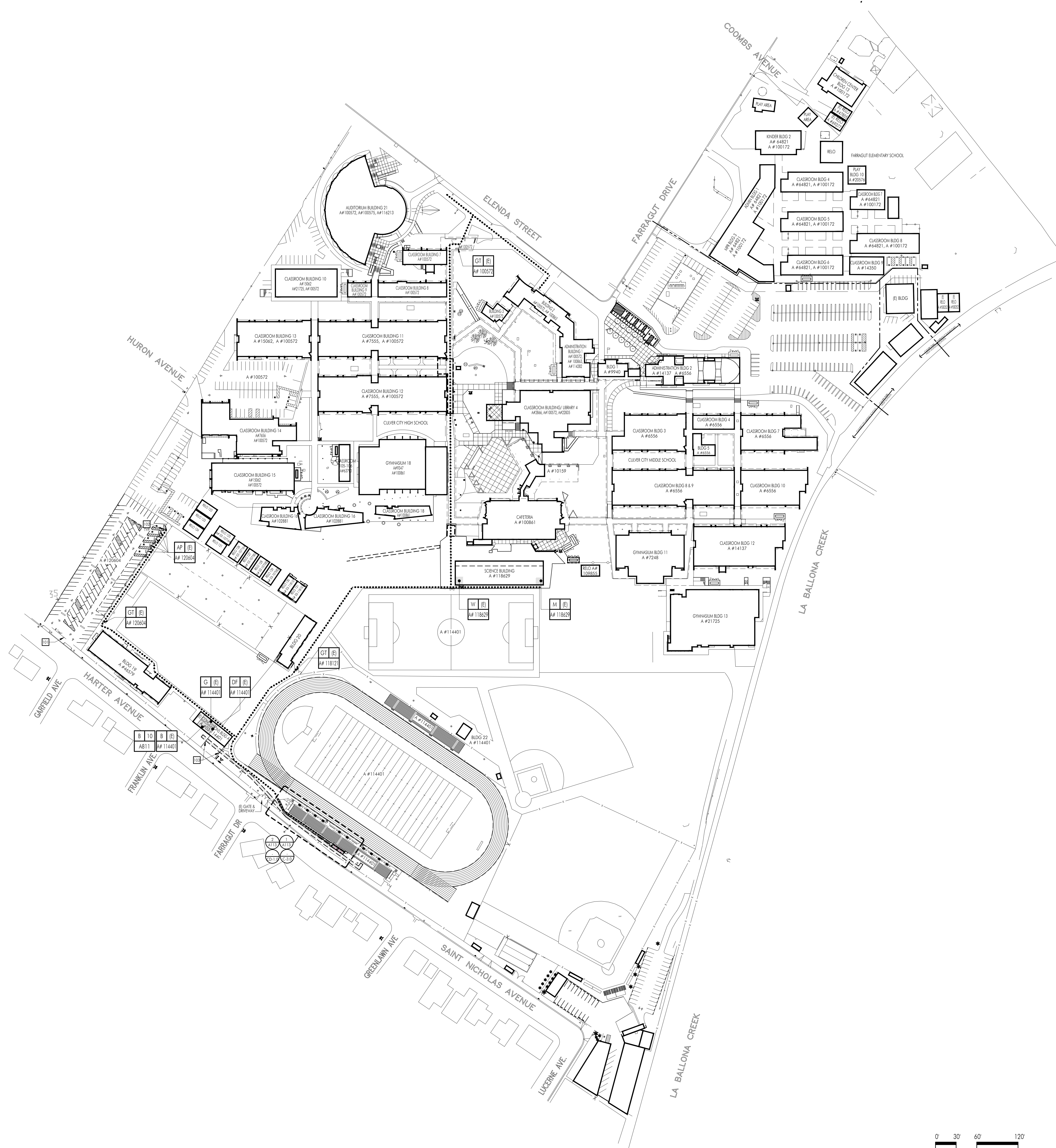
Sheet Title

OVEREXCAVATION PLAN

Sheet Number

C-6.0





GENERAL NOTES:

1. VERIFY ALL DIMENSIONS IN THE FIELD. NOTIFY ARCHITECT OF ANY MAJOR DISCREPANCIES PRIOR TO STARTING WORK.
2. REFER TO MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

ACCESSIBILITY NOTES:

SIGNAGE AND ACCESSIBLE PARKING:

- EACH PARKING SPACE RESERVED FOR PERSONS WITH PHYSICAL DISABILITIES SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN PERMANENTLY POSTED IMMEDIATELY AND ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE, CONSISTING OF A PROFILE VIEW OF A WHEELCHAIR WITH OCCUPANT IN WHITE ON DARK BLUE BACKGROUND. THE SIGN SHALL NOT BE SMALLER THAN 70 SQUARE INCHES IN AREA AND, WHEN IN THE PATH OF TRAVEL, SHALL BE POSTED AT A MINIMUM HEIGHT OF 80 INCHES FROM THE PARKING SPACE FINISHED GRADE, GROUND OR SIDEWALK.
- AN ADDITIONAL SIGN SHALL ALSO BE POSTED, IN A CONSPICUOUS PLACE, AT EACH ENTRANCE TO OFF-STREET PARKING FACILITIES. THE SIGN SHALL NOT BE LESS THAN 17" X 22" IN SIZE WITH LETTERING NOT LESS THAN 1 INCH IN HEIGHT, WHICH CLEARLY AND CONSPICUOUSLY STATES THE FOLLOWING:
"UNAUTHORIZED VEHICLES PARKING IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT THE OWNERS EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT VERTELS TOWING BY TELEPHONING 1-213-250-0143."
- THE CONTRACTOR SHALL VERIFY THE NAME AND PHONE NUMBER OF THE TOWING SERVICE WITH THE OWNER PRIOR TO MANUFACTURING ANY TOWING SIGNS. INFORMATION SHALL BE PERMANENT PART OF THE SIGN. SURFACE SLOPES OF PARKING SPACES AND ACCESS AISLES FOR THE PHYSICALLY DISABLED SHALL NOT EXCEED 1:50 (2% GRADIENT IN ANY DIRECTION PER CBC 11B-502.6).
- A DISABLED PARKING SPACE SHALL BE LOCATED SO AS NOT TO REQUIRE ITS USER TO WHEEL OR WALK BEHIND ANY OTHER DISABLED OR NON-DISABLED PARKING SPACE OTHER THAN THEIR OWN.

KEYNOTES:

- 101 PARKING ENTRY SIGN, SEE SHEET B/A811
- 102 EXISTING TRUNCATED DOMES (3' DEEP) - UNDER A# 03.120604
- 103 CUT AND ROLL BACK PORTIONS OF EXISTING FENCE MESH UNTIL TRENCHING HAS BEEN COMPLETED. RESTORE WHEN TRENCHING IS COMPLETED

LEGEND:

- | | |
|--|--|
| | SCOPE OF WORK (NEW STAIRS AND PRESS BOX) |
| | EXISTING BUILDING |
| | UPDATED AMBULATORY STALL AT BOYS RESTROOM IN EXISTING CONCESSIONS BUILDING A (A# 03-114401), SEE DETAIL 10/A811 |
| | TRENCHING SHOWN ON THIS PLAN IS SCHEMATIC ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL ENGINEERING DRAWINGS AND PROVIDING TRENCHING, BACK FILLING AND SURFACE REPAIR AS REQUIRED TO FULLY EXECUTE THIS ENGINEERING. WHEN TRENCHING OCCURS IN EXISTING SLAB THAT IS TO REMAIN, ENTIRE PORTION OF SLAB TO CONTROL JOINTS SHALL BE REPLACED, FINISHED SURFACE TO BE FLUSH WITH EXISTING. |
| | INDICATES ACCESSIBLE BOYS TOILET ROOM |
| | INDICATES ACCESSIBLE DRINKING FOUNTAIN |
| | INDICATES ACCESSIBLE GIRLS TOILET ROOM |
| | INDICATES ACCESSIBLE GATE |
| | INDICATES ACCESSIBLE WOMEN'S TOILET ROOM |
| | INDICATES ACCESSIBLE PARKING |
| | INDICATES ACCESSIBLE MENS TOILET ROOM |
| | PATH OF TRAVEL (POT) AS INDICATED IS A BARRIER FREE ACCESS ROUTE 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 INCHES 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 NOTED. POT SHALL MAINTAIN FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL ABOVE 27" AND LESS THAN 80" ABOVE THE FLOOR. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL (11B-307.1). |

Date: 02.14.2023
 Scale:
 Drawn By: DH
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Architect / Engineer Stamp

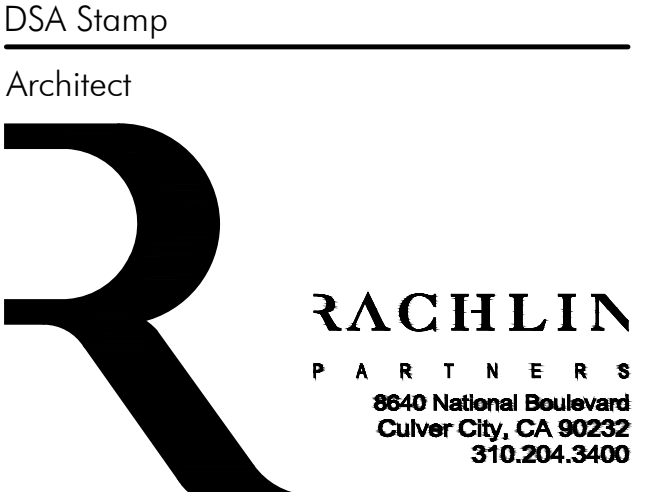
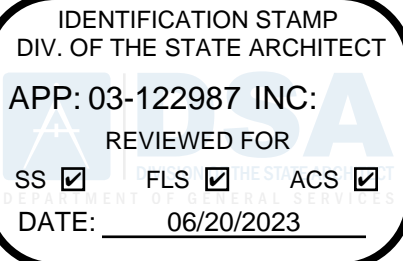
DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT 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 PROJECTS WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARSHNESS ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF POT 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 CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

PARKING COUNT:

(E) PARKING LOT A#03-118629

TYPE	REQUIRED NO. OF SPACES	SPACES PROVIDED
STANDARD	N/A	104
ACCESSIBLE STANDARD	4	4
ACCESSIBLE VAN	1	1
TOTAL		109

NOTE:
 OPENINGS IN GRATINGS OR STRAINERS LOCATED IN PEDESTRIAN CIRCULATION PATHS OR POT SHALL NOT ALLOW PASSAGE OF SPHERE OF MORE THAN 1/2" DIAMETER. ELONGATED OPENINGS SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL IN COMPLIANCE WITH CBC 11B-302.3

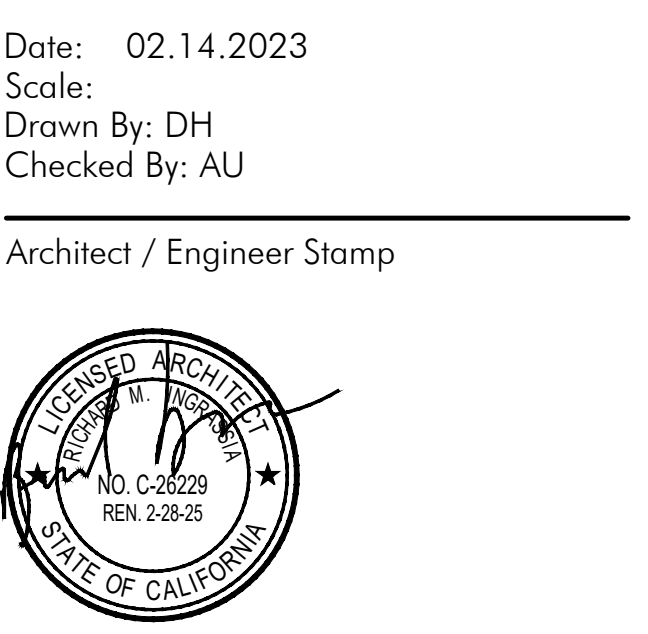


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Culver City High School Press Box Addition
 Culver City Unified School District
 4401 Elenda Street
 Culver City, California 90230

Rev	Date	Issue
1	02-14-2023	DSA SUBMISSION



Consultants
 VCA Engineers, Inc.
 Taylor and Syfan Structural Engineers
 FBA Engineering

Sheet Title
Overall Site Plan

THE FIRE HYDRANT NEAREST THE PROPOSED STRUCTURE IS WITHIN 80 FEET VIA VEHICULAR ACCESS. THE FIRE FLOW SERVICE WILL BE RENDERED FROM A 8 INCH DIAMETER WATER MAIN

MAIN LOCATED ON **Farragut Dr.**
 CITY OR AREA Culver City
 (# FEET) 45 feet (DIRECTION) South OF (NEAREST CROSS STREET) Harter Ave.

UNDER NORMAL OPERATING CONDITIONS THE FIRE FLOW AVAILABLE FROM THIS 8 inch HYDRANT IS 7158 GPM AT 20 PSI RESIDUAL FOR 2 HOURS AT 78 PSI STATIC

WATER PURVEYOR **Golden State** DATE 12/02/22
 SIGNATURE *James L. Hart* TITLE Operations Engineer TELEPHONE # 862-807-9200 310-413-0403

CONDITIONS FOR APPROVAL BY BUILDING AND SAFETY DIVISION
 (To be Completed by Building Department)

THE FIRE FLOW MAY BE APPROVED FOR SINGLE AND TWO-FAMILY DWELLINGS WHEN THE ABOVE INFORMATION IS COMPLETE AND SHOWS THAT THE FOLLOWING MINIMUM REQUIREMENTS ARE MET AND THE PROPERTY IS NOT IN FIRE ZONE 4.

THE WATER SYSTEM IS CAPABLE OF DELIVERING AT LEAST 750 GPM AT 20 PSI FOR TWO HOURS. THE DISTANCE FROM THE STRUCTURE TO THE FIRE HYDRANT DOES NOT EXCEED 450 FEET VIA VEHICULAR ACCESS.

APPROVED BY _____ DATE _____
 OFFICE _____

THIS APPROVAL IS VALID FOR SIX (6) MONTHS
 Where the Water Service does not meet the requirements of the Building and Safety Division, Fire Department approval of plot plan will be required before a Building Permit can be issued by the Building Department and all approvals by the Fire Department will be issued by the Fire Prevention Division only.

Test Date and Time: 11/30/22 1:45 pm
 Hydrant Number: 421
 Project Address: 4401 Elenda St.

Culver City Employees take pride in effectively providing the highest levels of service to enrich the quality of life for the community by building on our tradition of more than seventy-five years of public service, by our present commitment, and by our dedication to meet the challenges of the future.

ISSUED ON 02/20/2023

FIRE DEPARTMENT NOTES:

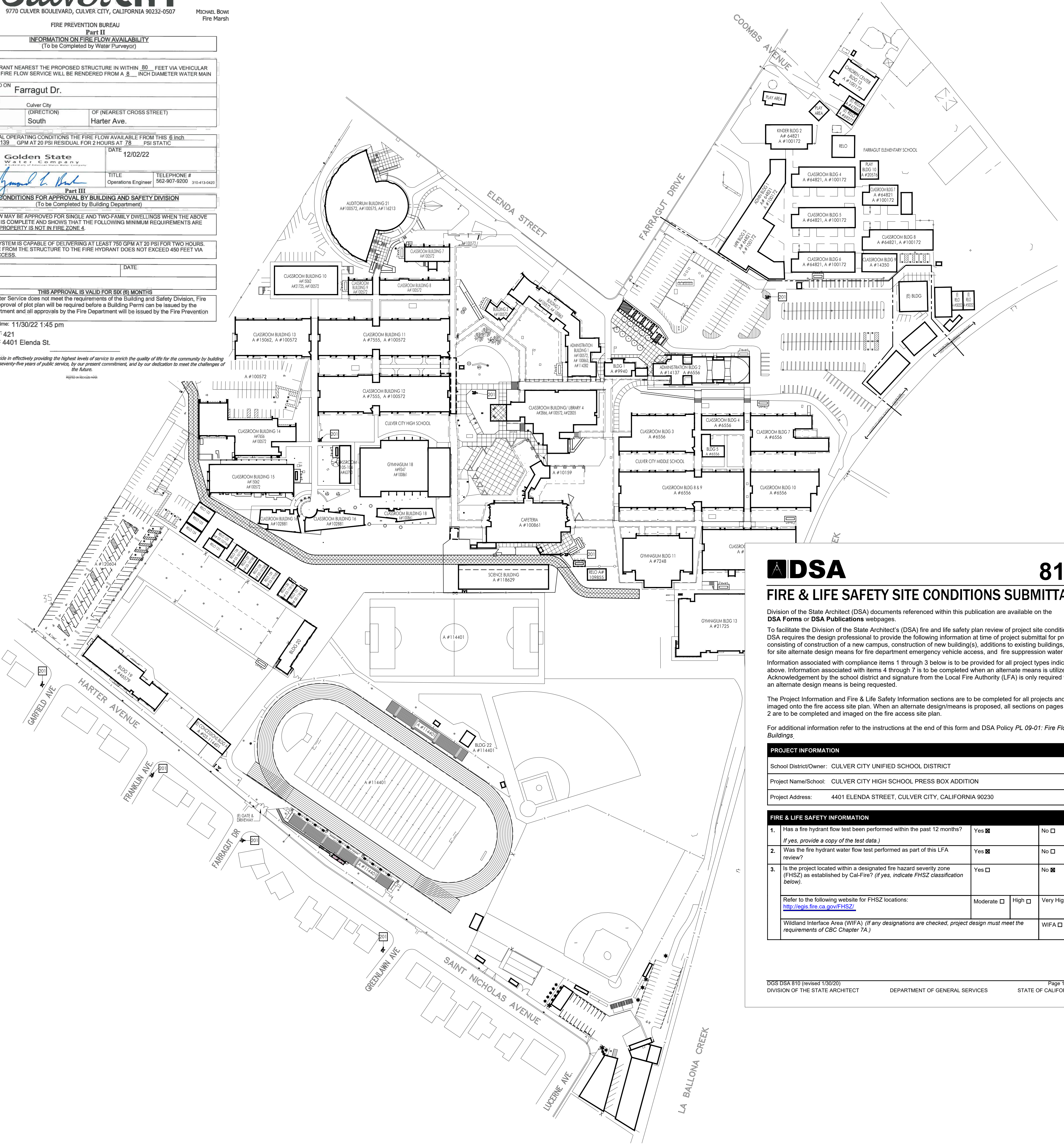
- ACCESS ROADS AND HYDRANTS SHALL BE MAINTAINED AND REMAIN CLEAR OF OBSTRUCTIONS AT ALL TIMES DURING AND AFTER CONSTRUCTION. AREAS WHERE PARKING IS NOT PERMITTED SHALL BE CLEARLY IDENTIFIED AT ALL TIMES.
- ALL GATES IN CONSTRUCTION FENCING SHALL BE EQUIPPED WITH EITHER KNOX BOX OR BREAKAWAY PABLOCK.
- WIDTH OF FIRE LANE WITH STANDARD CURB AND GUTTER SHALL BE MEASURED FROM TOP FACE OF THE CURB TO TOP FACE OF THE CURB. WIDTH OF FIRE LANE WITH MODIFIED CURB DESIGN (E.G. ROLLED, RAMPED, ETC.) SHALL BE MEASURED FROM FLOW LINE TO FLOW LINE.
- ACCESS GATES SHALL BE APPROVED PRIOR TO INSTALLATION AND SHALL BE IN COMPLIANCE WITH CHAPTER 5 OF THE CFC AND SIFD GUIDELINES.
- APPROVED ACCESS WALKWAYS SHALL BE PROVIDED TO ALL REQUIRED OPENINGS AND ALL RESCUE WINDOWS.
- VEGETATION SHALL BE SELECTED AND MAINTAINED IN SUCH A MANNER AS TO ALLOW IMMEDIATE ACCESS TO ALL HYDRANTS, VALVES, FIRE DEPARTMENT CONNECTIONS, PULL STATIONS, EXTINGUISHERS, SPRINKLER RISERS, ALARM CONTROL PANELS, RESCUE WINDOWS, AND OTHER DEVICES OR AREAS USED FOR FIRE FIGHTING PURPOSES. VEGETATION OR BUILDING FEATURES SHALL NOT OBSTRUCT ADDRESS NUMBER OR INHIBIT THE FUNCTIONING OF ALARM BELLS, HORNS, OR STROBES.
- DURING THE CONSTRUCTION, THERE WILL BE NO INTERRUPTIONS TO THE FIRE ALARM SYSTEM OF THE EXISTING ADJACENT BUILDINGS, NOR WILL ACCESS TO THE SITE BE AFFECTED.
- PROVIDE APPROVED SIGNS OR OTHER APPROVED NOTICES OR MARKINGS THAT INCLUDE THE WORDS "NO PARKING - FIRE LANE". SIGNS SHALL HAVE A MINIMUM DIMENSION OF 12 INCHES WIDE BY 18 INCHES HIGH AND HAVE RED LETTERS ON A WHITE REFLECTIVE BACKGROUND. SIGNS SHALL BE PROVIDED FOR THE FIRE APPARATUS ACCESS ROADS, TO CLEARLY INDICATE THE ENTRANCE TO SUCH ROAD, OR PROHIBIT THE OBSTRUCTION THEREOF AND AT INTERVALS, AS REQUIRED BY THE FIRE INSPECTOR, FIRE CODE 503.3.

SYMBOL LEGEND:

- EXISTING BUILDING
- SCOPE OF WORK (NEW STAIRS AND PRESS BOX)
- FIRE ACCESS LANE

KEYNOTES:

- EXISTING FIRE HYDRANT



DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the **DSA Forms** or **DSA Publications** webpages.
 To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply. Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy PL 09-01: Fire Flow for Buildings.

PROJECT INFORMATION

School District/Owner: CULVER CITY UNIFIED SCHOOL DISTRICT

Project Name/School: CULVER CITY HIGH SCHOOL PRESS BOX ADDITION

Project Address: 4401 ELENDA STREET, CULVER CITY, CALIFORNIA 90230

FIRE & LIFE SAFETY INFORMATION

1. Has a fire hydrant flow test been performed within the past 12 months? Yes No
 If yes, provide a copy of the test data.

2. Was the fire hydrant water flow test performed as part of this LFA review? Yes No

3. Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? (If yes, indicate FHSZ classification below.) Yes No

Refer to the following website for FHSZ locations: <http://legis.fire.ca.gov/FHSZ/>

Moderate High Very High

Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.) WIFA

DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CONDITION MEANS AND METHODS RESOLUTION	ALTERNATE ACCEPTED			
	Yes	No	N/A	N/R
4. Emergency vehicle access roadways do not meet CFC requirements.				<input checked="" type="checkbox"/>
4a. Acceptable Alternate: Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.				<input checked="" type="checkbox"/>
5. Fire Hydrants: Number and spacing does not meet CFC requirements.				<input checked="" type="checkbox"/>
5a. Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				<input checked="" type="checkbox"/>
6. Fire Hydrants: Water flow and pressure are less than CFC minimum.				<input checked="" type="checkbox"/>
6a. Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				<input checked="" type="checkbox"/>
7. Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.				<input checked="" type="checkbox"/>
7a. Acceptable Alternate: The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				<input checked="" type="checkbox"/>

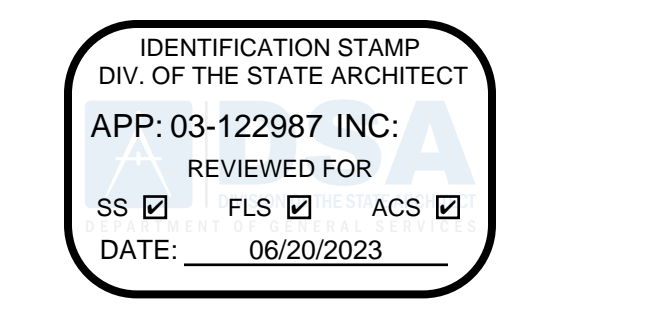
School District Acceptance of Acceptable Design Alternates
 By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____
 Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION

LFA Agency Name: _____
 LFA Review Official: _____
 Title: _____ Work Phone: _____
 Work E-mail: _____

LFA Reviewer's Signature: _____ Date: _____



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 Architect



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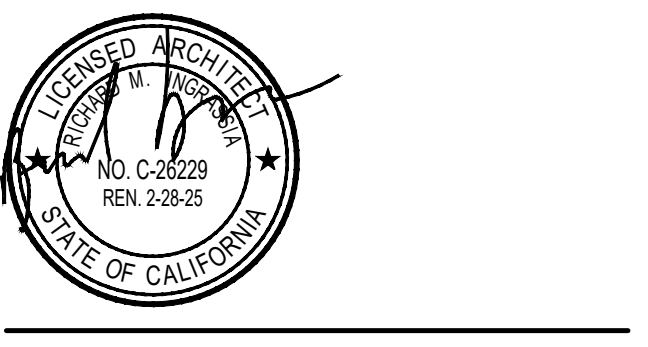
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 1 02-14-2023 DSA SUBMISSION

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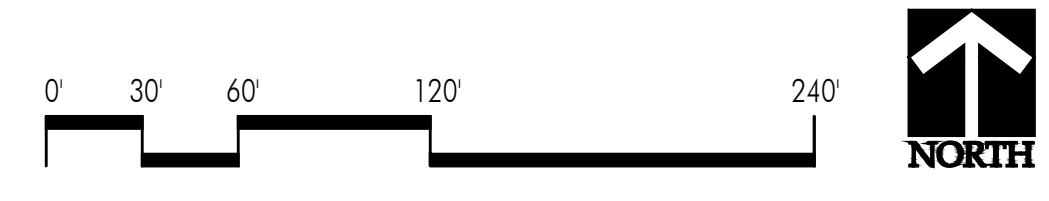


Consultants
VCA Engineers, Inc.
 Taylor and Syfan Structural Engineers
 FBA Engineering

Sheet Title
Fire Department Access Plan

Sheet Number

A112



SCALE: 1"=90'-0"



1 ENLARGED SITE PLAN

DEMOLITION KEYNOTES:

- (101) REMOVE EXISTING CROWS NEST AND ASSOCIATED APPURTENANCES
- (102) REMOVE EXISTING ELECTRICAL ROOM. RELOCATE EXISTING ELECTRICAL AND IRRIGATION CONTROLS. SEE ELECTRICAL DRAWINGS. REROUTE ANY EXISTING IRRIGATION LINES THAT MAY INTERFERE WITH THE CONSTRUCTION OF FOUNDATION OF THE NEW PRESS BOX.
- (103) EXISTING LIGHT POLE TO REMAIN

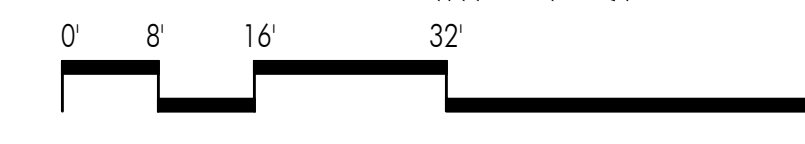
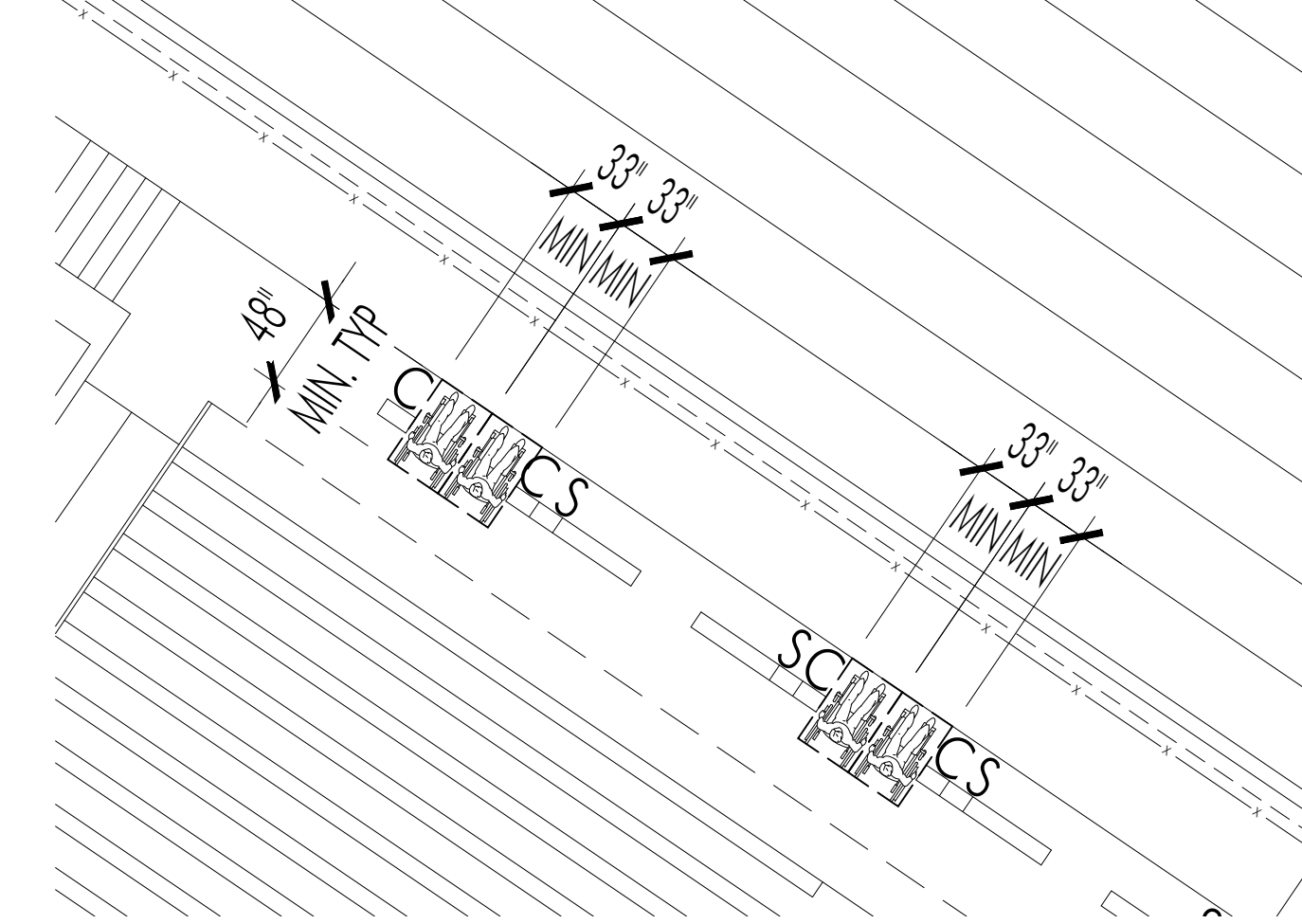
KEYNOTES:

- (101) NEW PRESS BOX AND STAIRS WITH OBSERVATION ROOF DECK (EXCEEDS 500 SQ. FT.), SEE SOUTHERN BLEACHER COMPANY DRAWINGS AND ELECTRICAL DRAWINGS.
- (102) NEW ASPHALT PAVING, SEE 1/C-4.0
- (103) NEW CHAIN LINK FENCE AND 4'-0" WIDE GATE, SEE 3/A811 AND 4/A811
- (104) NEW ELECTRICAL PANEL SUPPORT ASSEMBLY, SEE 2/E-0.2
- (105) SUBGRADE FOOTING, FOR MORE INFORMATION SEE SOUTHERN BLEACHER DRAWINGS, SHEETS B3, B4 AND B5
- (106) ROOF DECK AND ROOF HATCH, SEE SOUTHERN BLEACHER DRAWING, SHEET B11
- (107) EXISTING BLEACHER, PER A# 03-114401
- (108) PROVIDE AND INSTALL KNOX BOX ON FENCE. KNOX BOX SHALL COMPLY WITH UL 1037 AND CFC 506.1.

ACCESSIBLE BLEACHER SEATING

- SEAT COUNT 1,560
- WHEELCHAIR SEATS - 17 REQUIRED, 20 PROVIDED
- (C) COMPANION - 17 REQUIRED, 20 PROVIDED
- (S) SEMI-ABULATORY - 16 REQUIRED, 19 PROVIDED

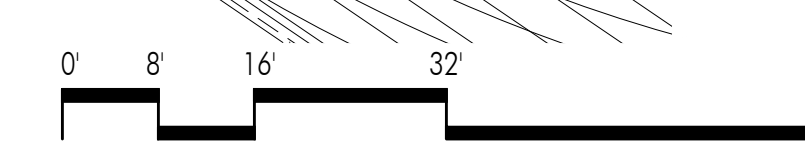
TYPICAL SEATING



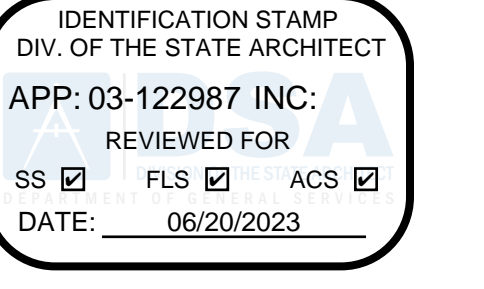
SCALE: 1/16"=1'-0"



2 ENLARGED DEMOLITION SITE PLAN



SCALE: 1/16"=1'-0"



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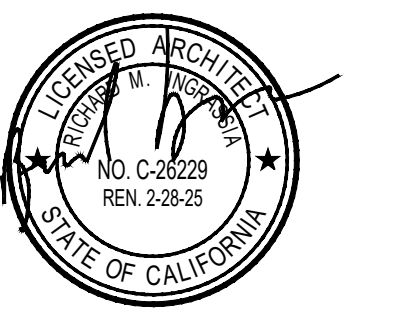
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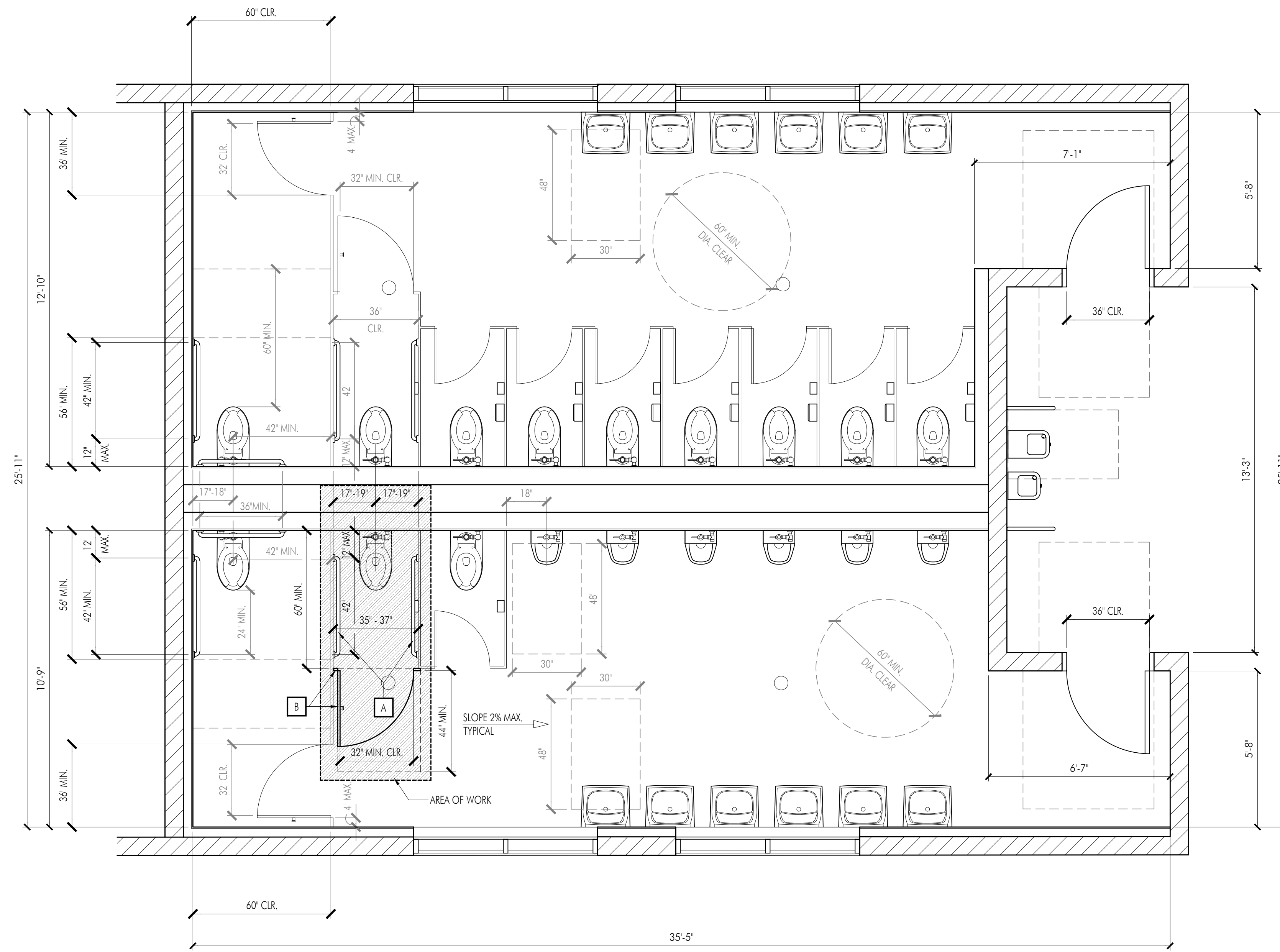
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FBA Engineering

Sheet Title
Enlarged Site Plan and
Enlarged Demolition
Site Plan

Sheet Number

A113

Plot Date: 5/4/2023 11:50:50 AM Last Save By: Domain Hamilton Login: Domain Hamilton T:\Projects\Projects\School Districts\Culver City USD_CCHS - Press Box Addition\Drawings\Architecture\CCUSD-CCHS-RBA-A811.dwg

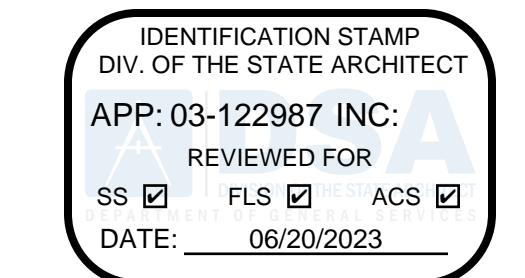


KEYNOTES:

A PROVIDE GRAB BARS, CONTACT DISTRICT FOR STANDARDS

B PROVIDE PARTITIONS AND DOORS, CONTACT DISTRICT FOR STANDARDS

NOTE: AMBULATORY COMPARTMENT SHALL BE COMPLIANT WITH 2022 CBC 11B-604.8.2



DSA Stamp

Architect

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 8540 National Boulevard
 Culver City, CA 90232
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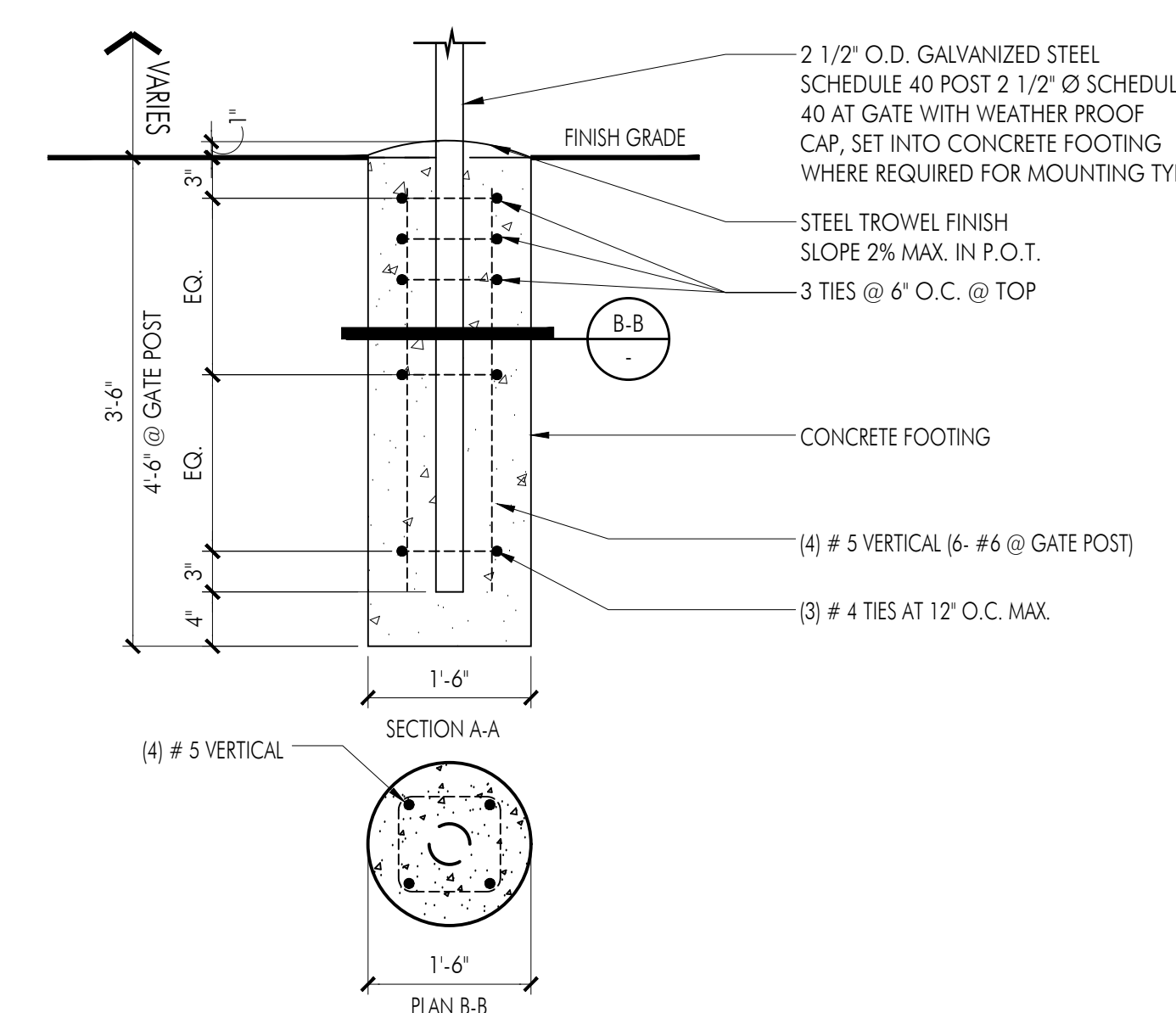
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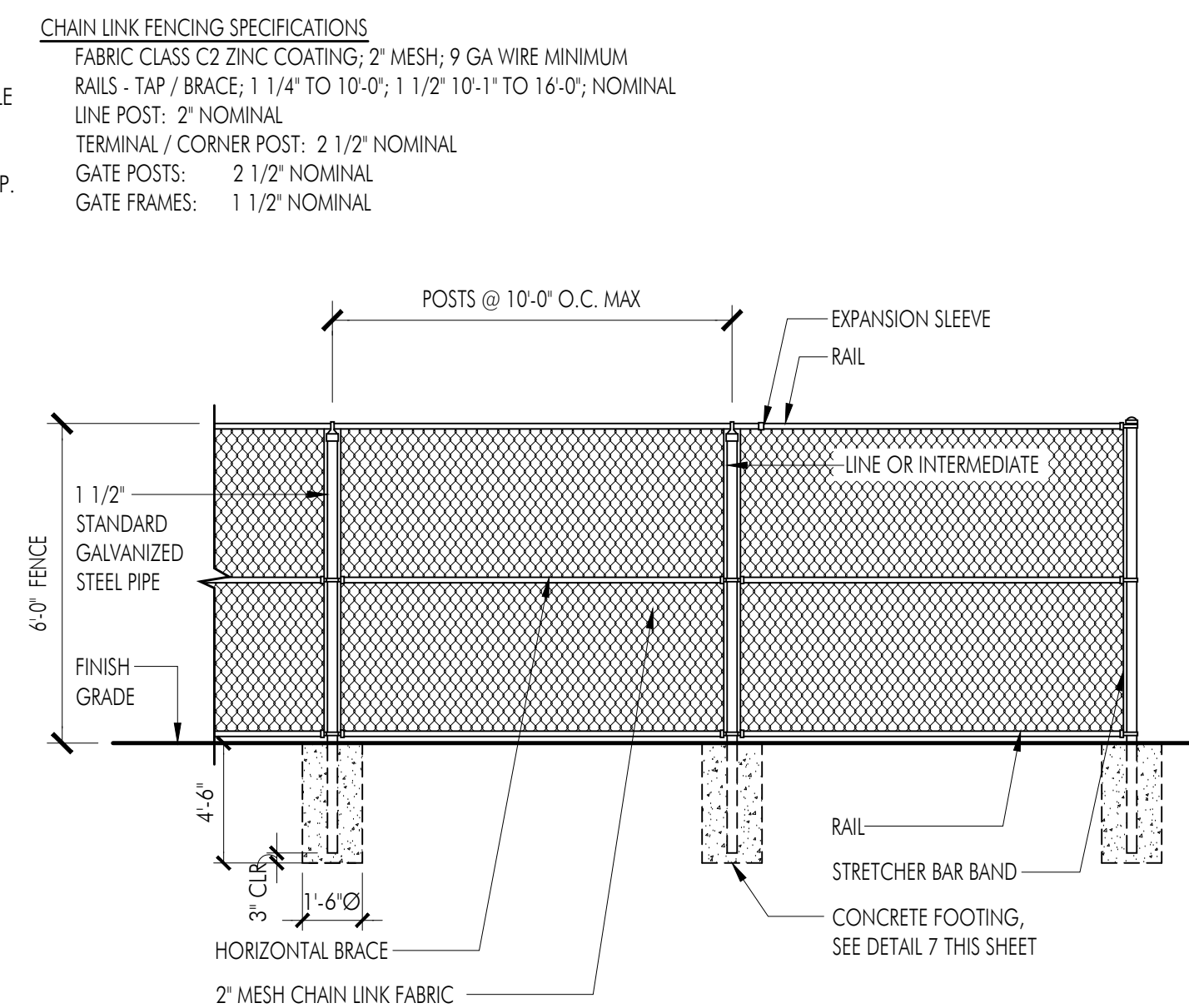
Culver City High School Press Box Addition
 Culver City Unified School District
 4401 Elenda Street
 Culver City, California 90230

10 PARTIAL PLAN OF AMBULATORY STALL FOR BOYS RESTROOM LOCATED IN EXISTING CONCESSIONS BUILDING A (A# 03-114401)

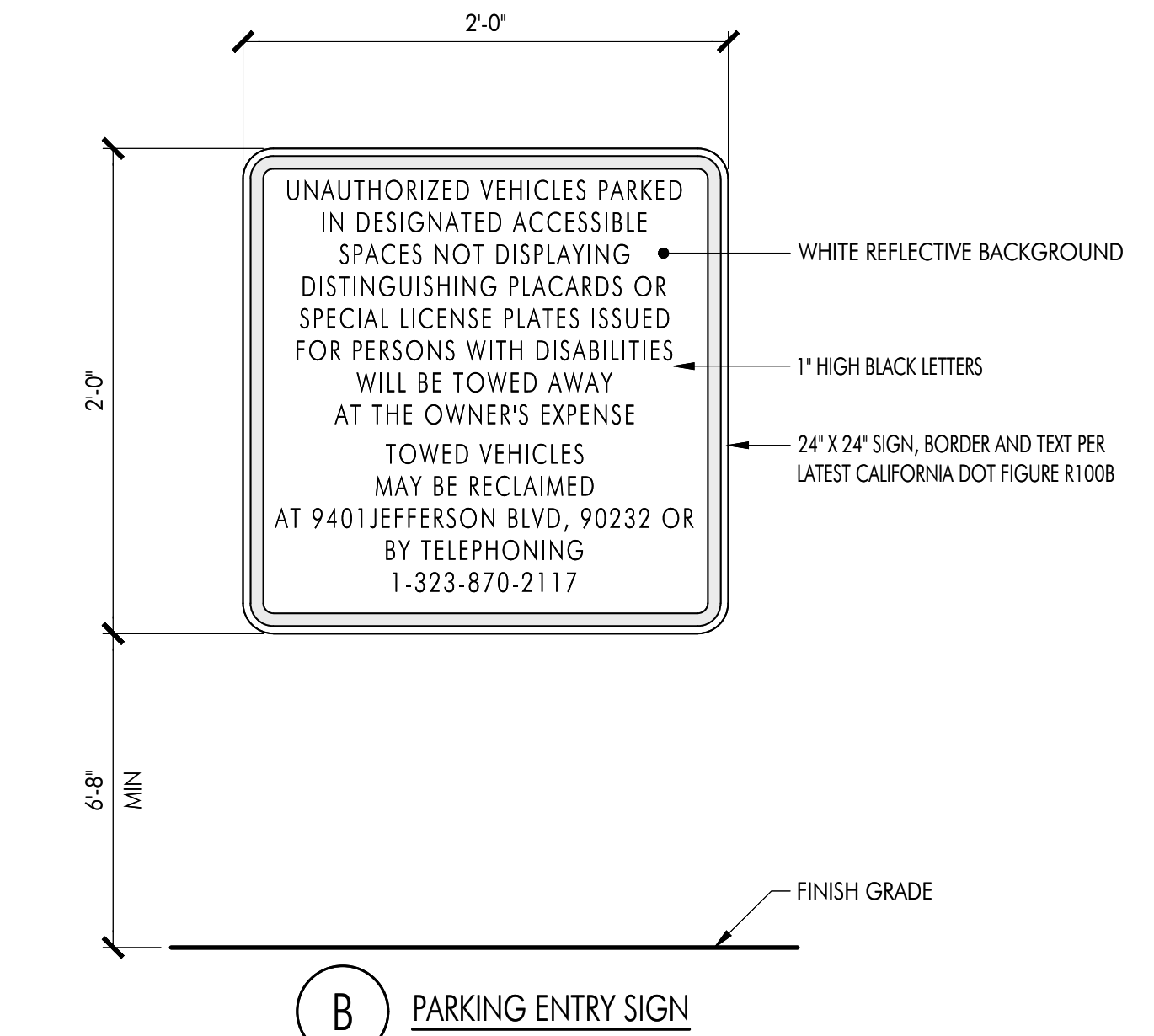
SCALE: 3/8"=1'-0"



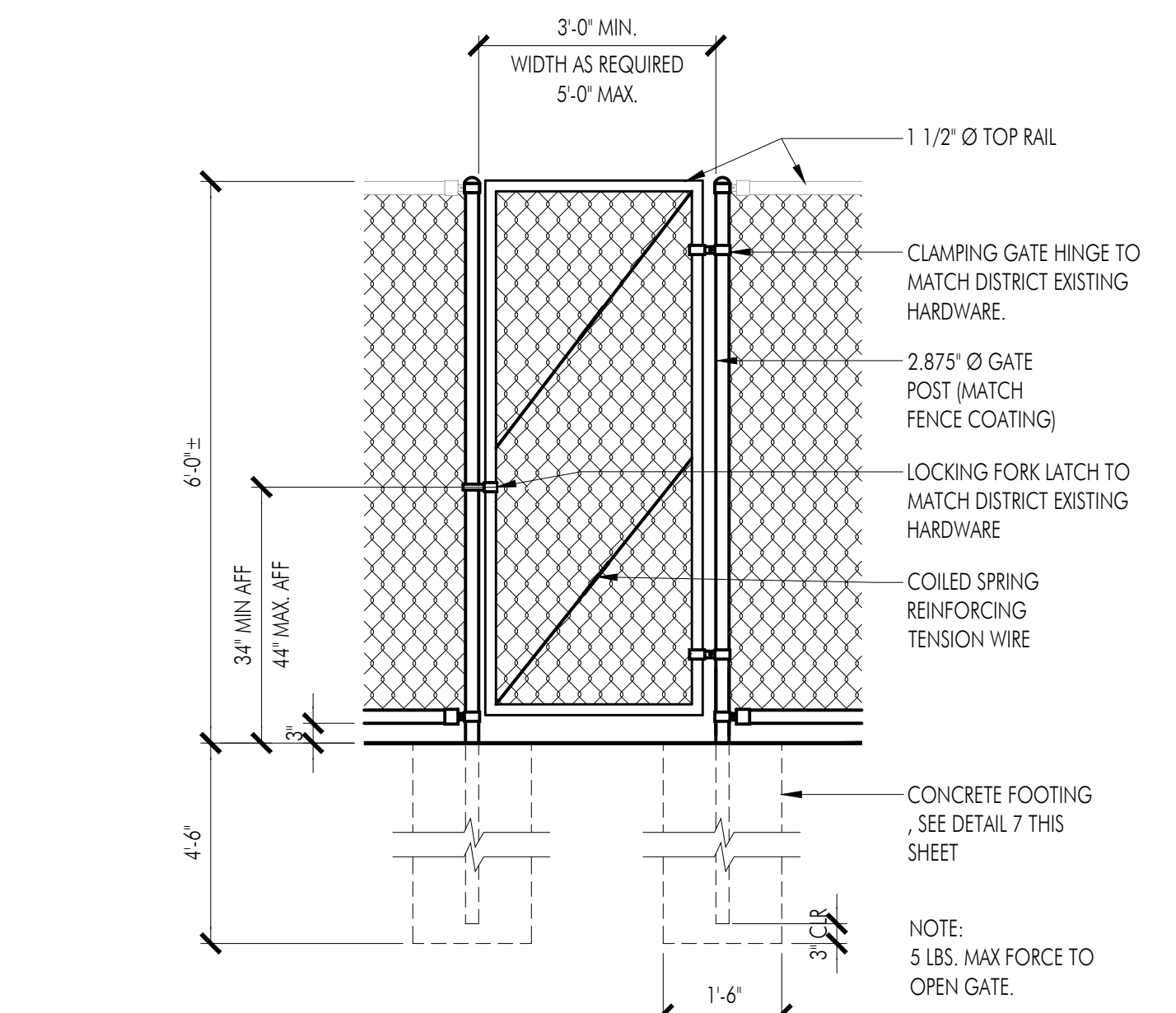
7 FENCE POST SCALE: 1"=1'-0"



3 CHAIN LINK FENCE SCALE: 1/4"=1'-0"



8 TOW AWAY SIGN SCALE: 1 1/2"=1'-0"

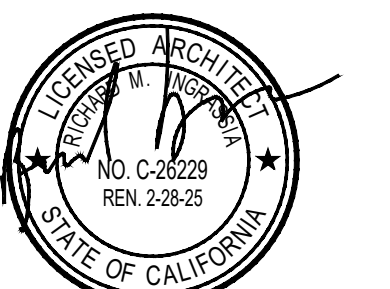


4 SERVICE GATE SCALE: 1/2"=1'-0"

Rev	Date	Issue
1	02-14-2023	DSA SUBMISSION

Date: 02.14.2023
 Scale: Drawn By: DH
 Checked By: AU

Architect / Engineer Stamp



Consultants
VCA Engineers, Inc.
 Taylor and Syfan Structural Engineers
 FBA Engineering

Sheet Title
Site Details and Existing Boys' Restroom at Concessions Building A

Sheet Number

A811

LIGHT FIXTURE SCHEDULE

FBA # 212, 182

GENERAL NOTES

SYMBOL LIST

ABBREVIATIONS

Table with columns: IMAGE, TYPE, LIGHT FIXTURE DESCRIPTION, FIXTURE MAXIMUM TOTAL INPUT WATTS, FIXTURE MINIMUM LUMEN OUTPUT EFFICIENCY, FIXTURE MOUNTING, LAMP TYPE, LAMP COLOR TEMPERATURE 'K', LAMP CRl, NOT LESS THAN, EACH LAMP INITIAL MINIMUM LUMEN OUTPUT, TOTAL ALL LAMPS INITIAL MINIMUM LUMEN OUTPUT, WEIGHT. Row 1: SL1 LED WALKWAY LUMINAIRE WITH DIE CAST HOUSING; 28" DIA. WITH SPIDER MOUNT BASE; ONE LED LIGHT BAR APPROX. 7,000 LUMENS TOTAL; TYPE 3 WIDE SQUARE DISTRIBUTION; BUILT IN OCCUPANCY SENSOR, PHOTOCCELL SENSOR, INTEGRAL EMERGENCY BATTERY BACK-UP. MOUNT ON 16'-0" HIGH 4" DIA. ALUMINUM POLE COMPLETE WITH ANCHOR BOLTS, BOLT COVERS, ETC. FIXTURE HEAD AND POLE; CUSTOM COLOR AS SELECTED BY ARCHITECT. INVUE *MSA SA1 740 U T2 EBP OR EQUAL.

- 1. PORTIONS OF THESE PLANS HAVE BEEN DERIVED FROM INFORMATION TAKEN FROM ORIGINAL ELECTRICAL PLANS. THE INTENT OF THESE PLANS IS TO PROVIDE COMPLETE AND OPERABLE SYSTEMS.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL THE FEATURES OF THE BUILDING AND SITE WHICH MAY AFFECT THE PROPER PERFORMANCE OF THIS WORK.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REFER TO THE DRAWINGS OF OTHER TRADES FOR ADVICE AND REQUIREMENTS WHICH AFFECT THE PROPER PERFORMANCE OF THIS WORK.
4. RACEWAY ROUTING, DIMENSIONS, AND EQUIPMENT LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXACT RACEWAY ROUTING TO CONFORM TO FIELD CONDITIONS.
5. ELECTRICAL DOWN TIME MUST BE APPROVED BY THE COLLEGE. CONTRACTOR SHALL MAKE PROVISIONS TO ACCOMPLISH THE WORK OF THIS CONTRACT WITHOUT UNDUE INTERFERENCE WITH COLLEGE OPERATIONS.
6. ALL EQUIPMENT DEVICES, CONDUIT FITTINGS, JUNCTION BOXES, AND CONSTRUCTION LOCATED OUTDOORS SHALL BE WEATHERPROOF.
7. ALL SIGNAL AND FIRE ALARM SYSTEMS TERMINATIONS MADE IN JUNCTION BOXES SHALL BE EXECUTED USING TERMINAL BLOCKS.
8. SIGNAL AND/OR FIRE ALARM SYSTEMS SPLICES ARE NOT PERMITTED IN UNDERGROUND PULLBOXES.
9. ALL ELECTRICAL EQUIPMENT INCLUDING PANELS, OUTLET BOXES, CONDUITS, ETC. SHALL BE ANCHORED TO BUILDING STRUCTURE. ANCHORING SHALL BE DESIGNED FOR 1.0 GRAVITY LATERAL ACCELERATION OF THE EQUIPMENT.
10. VERIFY THE EXACT LOCATION OF THE RELOCATABLE BUILDING PANELBOARD WITH THE BUILDING MANUFACTURER PRIOR TO ROUGH-IN.
11. WHERE POSSIBLE ALL RACEWAYS SHALL BE ROUTED CONCEALED IN WALLS AND/OR ABOVE ACCESSIBLE CEILING SPACE.
12. UNLESS SPECIFICALLY SHOWN ON THESE PLANS NO STRUCTURAL MEMBER SHALL BE CUT NEITHER DRILLED NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT.
13. PROVIDE OZ COMPANY TYPE "DX" EXPANSION/DEFLECTION FITTINGS WITH BONDING JUMPER ON ALL CONDUITS AT ALL BUILDING EXPANSION OR SEISMIC JOINT CROSSINGS.
14. ALL WORK SHALL BE IN CONFORMANCE WITH TITLE 24, 2022 CALIFORNIA CODE OF REGULATIONS (CCR), 2022 CALIFORNIA BUILDING CODE, PART 2, TITLE 24 CCR, 2022 CALIFORNIA ELECTRICAL CODE, PART 3, TITLE 24 CCR.
15. CUTTING, BORING, SAW CUTTING OR DRILLING THROUGH THE NEW OR EXISTING STRUCTURAL ELEMENTS TO BE DONE ONLY WHEN SO DETAILED IN THE DRAWINGS OR ACCEPTED BY THE ARCHITECT AND STRUCTURAL ENGINEER WITH THE APPROVAL OF DSA REPRESENTATIVE.

PERFORMANCE NOTES

- 1. VISIT THE SITE PRIOR TO BID AND INVESTIGATE THE EXISTING FIRE ALARM, TELEPHONE, INTRUSION DETECTION, INTERCOM/PA, AND DATA SYSTEMS EQUIPMENT ON CAMPUS. COORDINATE WITH THE EXISTING SYSTEMS MANUFACTURERS FOR ALL REQUIRED EQUIPMENT MODIFICATIONS, CONDUIT, WIRING AND UPGRADING REQUIRED TO EXTEND THE EXISTING SYSTEMS TO THE NEW MODULAR BUILDINGS. INCLUDE ALL COSTS IN BID. ALL NEW COMPONENTS SHALL BE COMPATIBLE WITH THE EXISTING SYSTEM.
2. PAINT ALL EXPOSED RACEWAYS TO MATCH BACKGROUND COLOR.
3. PROVIDE GROUNDING SYSTEM PER DETAIL 2/E-02. WHERE METAL RAMP OR RAILWAYS ARE USED PROVIDE #2 BONDING ELECTRODE FROM THE RAMP AND RAILWAYS TO THE STRUCTURAL STEEL MEMBER OF THE BUILDING.
4. PROVIDE WEATHERPROOF SEALANT AROUND PRECAST CONCRETE PULL BOX COVERS AFTER WORK IS COMPLETED WITHIN BOX.
5. PROVIDE APPROVED WEATHERPROOF SEALANT AROUND ALL WALL PENETRATIONS. SEAL IN A MANNER ACCEPTABLE TO THE ARCHITECT.
6. PROVIDE CORE DRILLING OF ALL STRUCTURES AS REQUIRED FOR RACEWAY ROUTING AND DISCOVERED SITE CONDITIONS.
7. RECONNECT EXISTING CIRCUITS FOR EQUIPMENT THAT IS TO REMAIN IF DISRUPTED BY WORK PERFORMED UNDER THIS CONTRACT. MAINTAIN CONTINUITY OF ALL FEED THRU WIRING.
8. WHERE NEW CONDUCTOR(S)/CABLING IS SPECIFIED IN EXISTING CONDUITS CONTAINING EXISTING WIRING THE CONTRACTOR SHALL REMOVE ENOUGH OF THE EXISTING WIRING TO PULL IN NEW PLUS REPLACEMENT OF EXISTING REMOVED.
9. PROVIDE NEW TELEPHONE(S), SPEAKERS, DATA OUTLETS, AUDIO/VISUAL SYSTEMS AND INTRUSION IN MODULAR BUILDINGS WHERE INDICATED ON DRAWINGS.

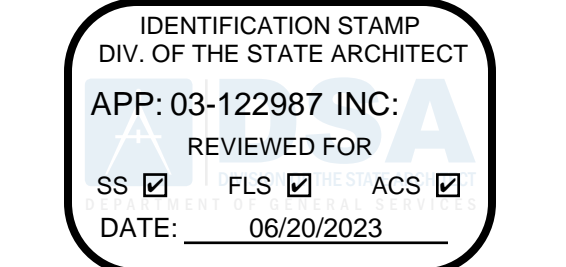
EQUIPMENT ANCHORAGE NOTES

- MEP COMPONENT ANCHORAGE NOTE
ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC SECTIONS 1617A.1.1-1.8 THROUGH 1617A.1.28 AND ASCE 7-16 CHAPTER 13, 26 AND 30.
1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS 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 RESTRAINED IN A MANNER APPROVED BY DSA.
THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:
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.
THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. 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 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2022 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.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 A PRE-APPROVED INSTALLATION GUIDE (e.g., OSHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING OF THE DISTRIBUTION SYSTEMS. 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), ELECTRICAL DISTRIBUTION SYSTEMS (E):
MP □ MD □ PP □ E □ OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.
MP □ MD □ PP □ E □ OPTION 2: SHALL COMPLY WITH APPLICABLE OSHPD PRE-APPROVAL, (OPM#) # _____.

SYMBOL LIST and MOUNTING HEIGHT OVER OBSTRUCTION. SYMBOL LIST contains symbols for junction boxes, conduits, raceways, and equipment. MOUNTING HEIGHT OVER OBSTRUCTION diagram shows a person standing next to a structure with dimensions: 48" MAX height from finished floor to top of box, 34" MAX height from top of box to top of control, and 24" MAX height from top of control to top of control. A note specifies 'MIN. 15" A.F.F. BOTTOM OF BOX' and 'NOTE: MAINTAIN 30" X 48" CLEAR PARALLEL APPROACH FLOOR AREA AND CONTROLS'. SCALE: 1/8" = 1'-0".

ABBREVIATIONS table listing symbols for F.F., A.F.F., AWG, AMP, A, AS/AF, AV, CIRC. CKT., CB, C, C.O., CONN, DIA, EMCS, EMT, EWC, E-O-L, EF, ER, E, FA, FLA, GFI, GRD, HVAC, H.W., D., L., HP, ID, IN, OR, IG, J-BOX, KVA, KW, LCL, L.O., LTG, LTS, MCB, MDF, MH, MCC, MCM, MCP, MLO, MT, NEC, NC, NO, NIC, NO, OR #, PRIMARY, PH, OR, PROVIDE, PA, RE, RECEPT, REF, RGS, RL, SECONDARY, O, TV, TYP, U.N.O., V, VA, WP, W, DFCI, DFDI, BLDG., IWB, AVC, 1P, 2P, 3P. SHEET INDEX table listing E-0.1 to E-2.0.



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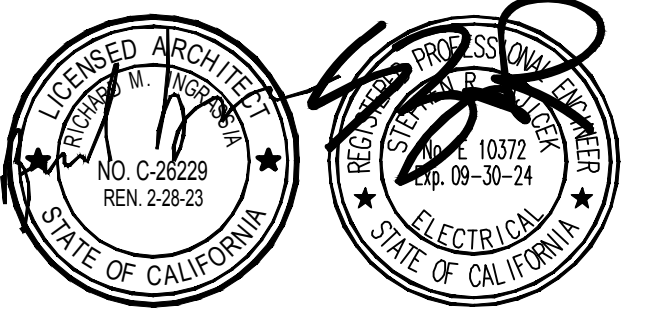
APPL No. 03-122987

Culver City High School Press Box Addition
Culver City Unified School District
4401 Elenda Street
Culver City, California 90230

Table with columns: Rev, Date, Issue.

Date: 08.10.2022
Scale: Drawn By: DH
Checked By: AU

Architect / Engineer Stamp



Consultants: FBA Engineering Consulting Electrical Engineers 1200 Palmdale Avenue Suite A120 Costa Mesa, CA 92626 949.852.9990 • 949.852.1657 (fax) fbaeng.com FBA Job Number: 1126 014

Sheet Title

GENERAL NOTES, SYMBOL LIST, FIXTURE SCH. AND DETAILS

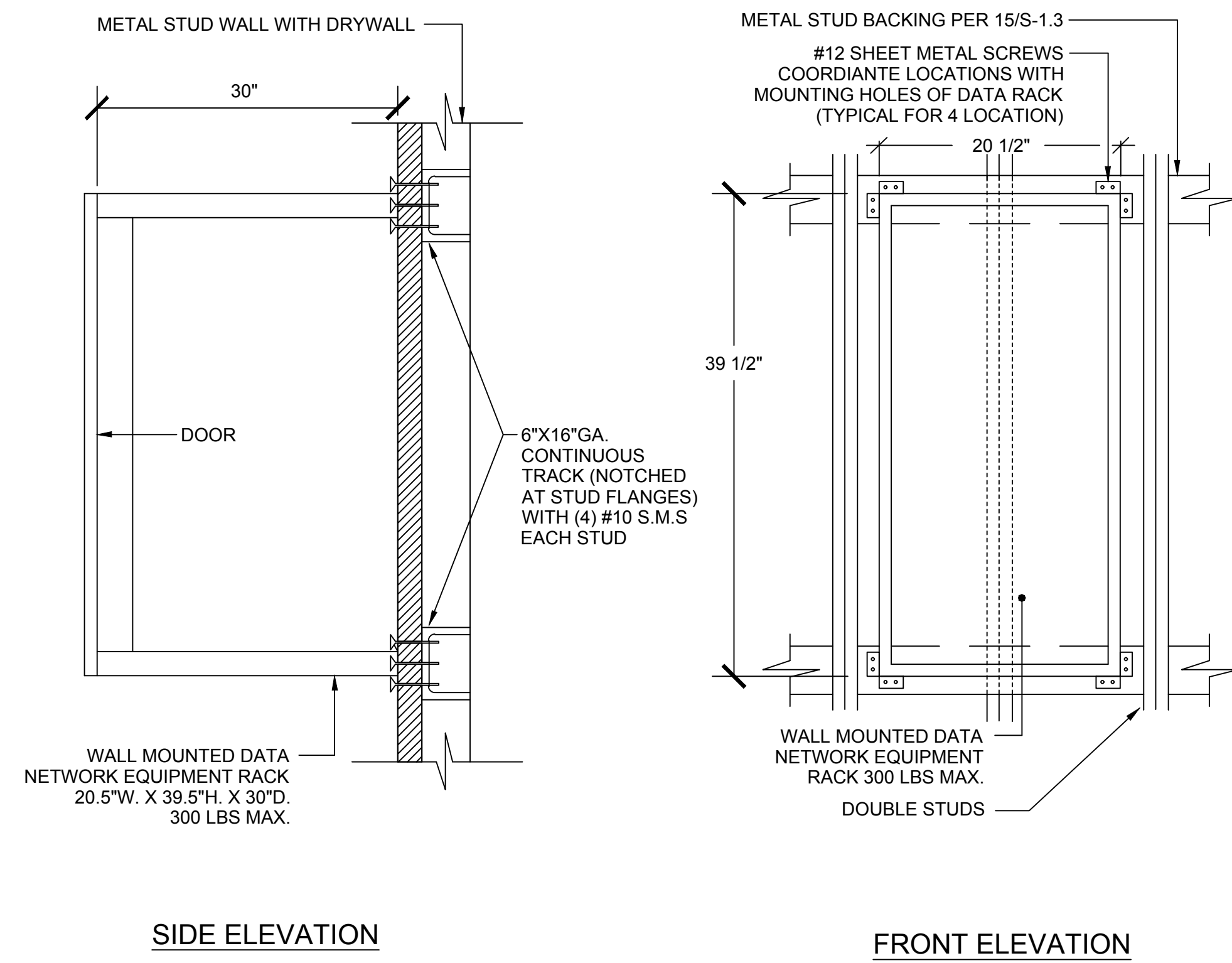
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E-0.1

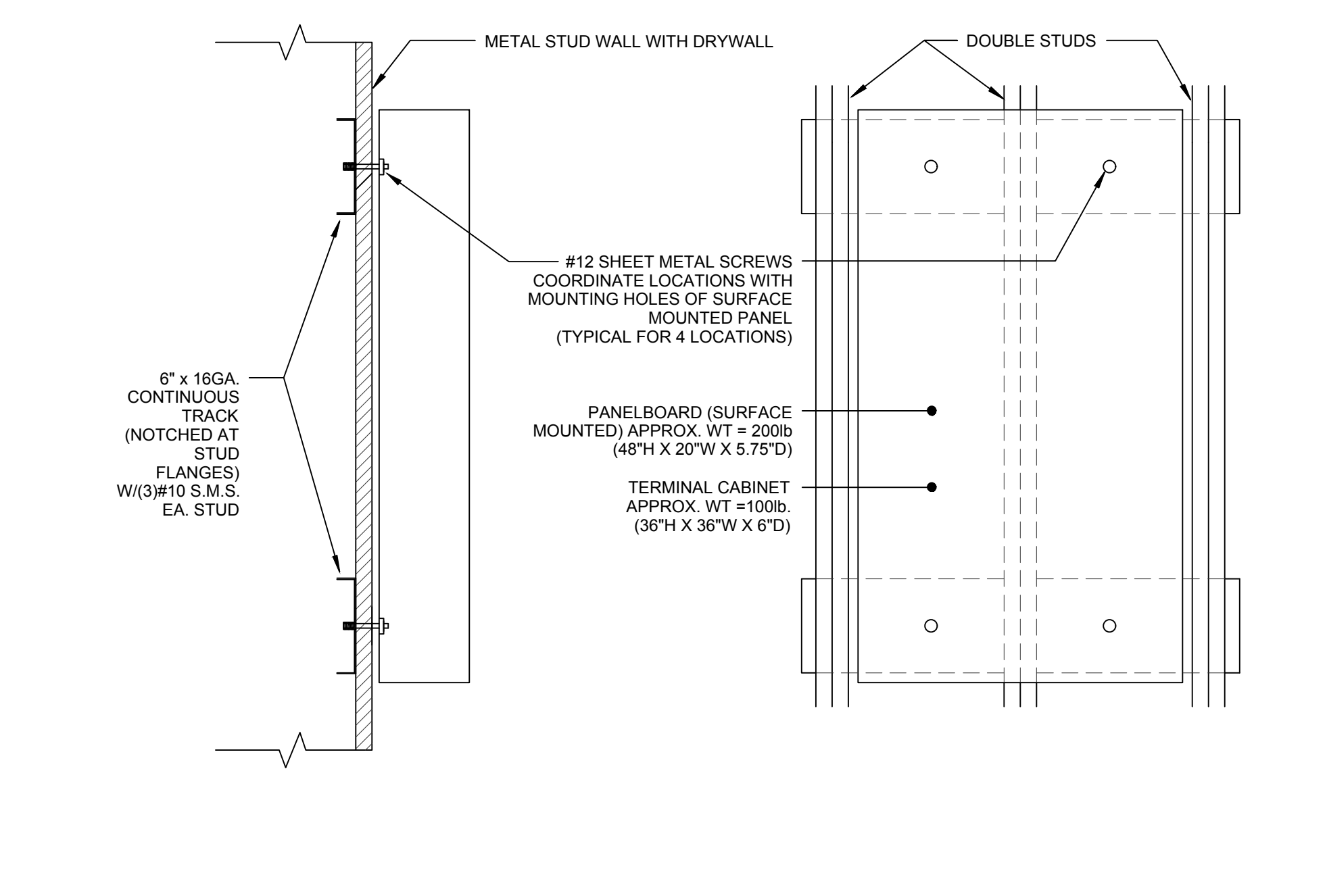
CULVER CITY HS PRESS BOX ADDITION				PROJECT NO. 1126.014			
VOLTS 120/208 PHASE 3PH, 4W MTG SURFACE		PANELBOARD PS (WEATHERPROOF) LOCATION IN CHAIN LINK ENCLOSURE		MAIN 400A BUS 400A			
OUT	LOAD (VA)	TYPE	BRK	QUAN	DESCRIPTION	OUTLET	DESCRIPTION
1	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
2	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
3	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
4	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
5	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
6	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
7	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
8	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
9	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
10	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
11	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
12	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
13	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
14	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
15	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
16	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
17	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
18	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
19	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
20	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
21	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
22	500	---	R	20/1	2	(C) LOAD	R 20/1 2 (C) LOAD
23	219	---	R	20/1	3	RE WALKWAY LIGHTS	R 20/1 3 (C) BLENDERS RECEPTACLES
24	5000	---	R	100/3	1	PRESS BOX PANEL PP	R 100/3 1 (C) FIELD POWER SPRINKLER
25	5000	---	R	100/3	1	PRESS BOX PANEL PP	R 100/3 1 (C) SCOREBOARD
26	5000	---	R	100/3	1	PRESS BOX PANEL PP	R 100/3 1 (C) SNACK BAR PANEL
27	5000	---	R	100/3	1	PRESS BOX PANEL PP	R 100/3 1 (C) SNACK BAR PANEL
28	5000	---	R	100/3	1	PRESS BOX PANEL PP	R 100/3 1 (C) SNACK BAR PANEL
29	5000	---	R	100/3	1	PRESS BOX PANEL PP	R 100/3 1 (C) SNACK BAR PANEL
30	5000	---	R	100/3	1	PRESS BOX PANEL PP	R 100/3 1 (C) SNACK BAR PANEL
31	6200	---	L	100/3	1	RI (C) SPORTS LIGHT F2	L 100/3 1 RI (C) SPORTS LIGHT F4
32	6200	---	L	100/3	1	RI (C) SPORTS LIGHT F2	L 100/3 1 RI (C) SPORTS LIGHT F4
33	6200	---	L	100/3	1	RI (C) SPORTS LIGHT F2	L 100/3 1 RI (C) SPORTS LIGHT F4
34	6200	---	L	100/3	1	RI (C) SPORTS LIGHT F2	L 100/3 1 RI (C) SPORTS LIGHT F4
35	6200	---	L	100/3	1	RI (C) SPORTS LIGHT F2	L 100/3 1 RI (C) SPORTS LIGHT F4
36	6200	---	L	100/3	1	RI (C) SPORTS LIGHT F2	L 100/3 1 RI (C) SPORTS LIGHT F4
37	6200	---	L	100/3	1	RI (C) SPORTS LIGHT F2	L 100/3 1 RI (C) SPORTS LIGHT F4
38	6200	---	L	100/3	1	RI (C) SPORTS LIGHT F2	L 100/3 1 RI (C) SPORTS LIGHT F4
39	6200	---	L	100/3	1	RI (C) SPORTS LIGHT F2	L 100/3 1 RI (C) SPORTS LIGHT F4
40	6200	---	L	100/3	1	RI (C) SPORTS LIGHT F2	L 100/3 1 RI (C) SPORTS LIGHT F4
41	6200	---	L	100/3	1	RI (C) SPORTS LIGHT F2	L 100/3 1 RI (C) SPORTS LIGHT F4
42	6200	---	L	100/3	1	RI (C) SPORTS LIGHT F2	L 100/3 1 RI (C) SPORTS LIGHT F4

CONNECTED	VA	AMPS	RECEPT.	L.C.L. # 1250 = 93274	LOAD TYPE
PHASE A = 36800	307		KITCHEN # 652 = 25500	G - GENERAL (1002)	M - MOTOR (1002)
PHASE B = 39800	332		OTHER LOAD # 1002 = 1000	L - L.C.L. (1250)	M1 - MOTOR (1250)
PHASE C = 42019	350		TOTAL VA = 32074	R - RECEPTACLE (302)	X - X-RAY (1002)
TOTAL 118619	329		TOTAL AMPS = 335	(10 KVA @ 1002)	X1 - X-RAY (302)

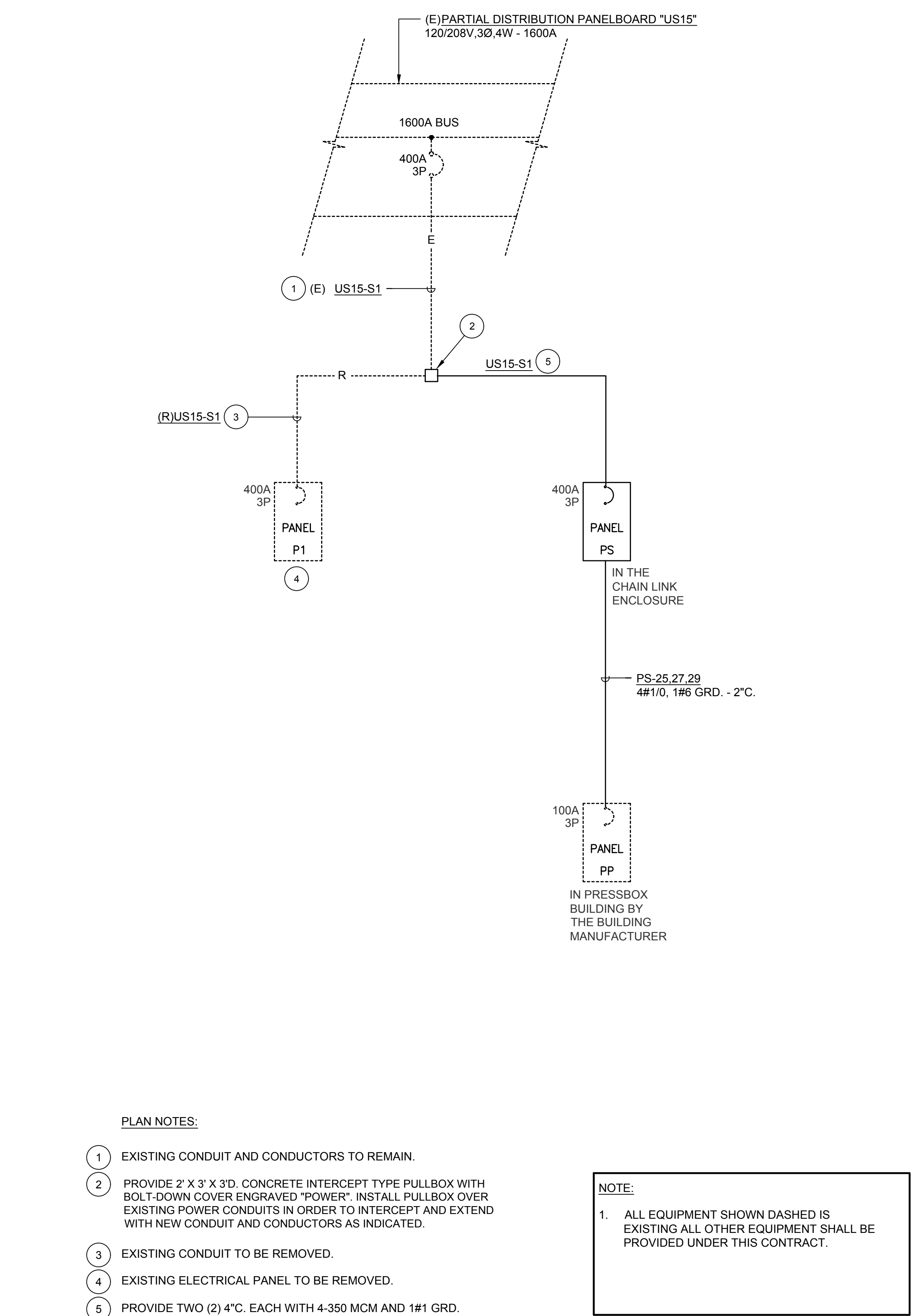
R1 - INDICATES CIRCUIT CONTROLLED BY MULTI-POLE CONTACTOR/RELAY OPERATED BY TOGGLE SWITCH "ON" AND "OFF". MOUNT THE MULTI-POLE CONTACTOR/RELAY AND TOGGLE SWITCHES IN NEMA 3R CABINETS ADJACENT TO PANEL "PS". SEE DETAIL #2/E-0.2.
R2 - INDICATES CIRCUIT CONTROLLED BY TIMER SWITCH. MOUNT TIMER SWITCH ADJACENT TO PANEL "PS". SEE DETAIL #2/E-0.2.



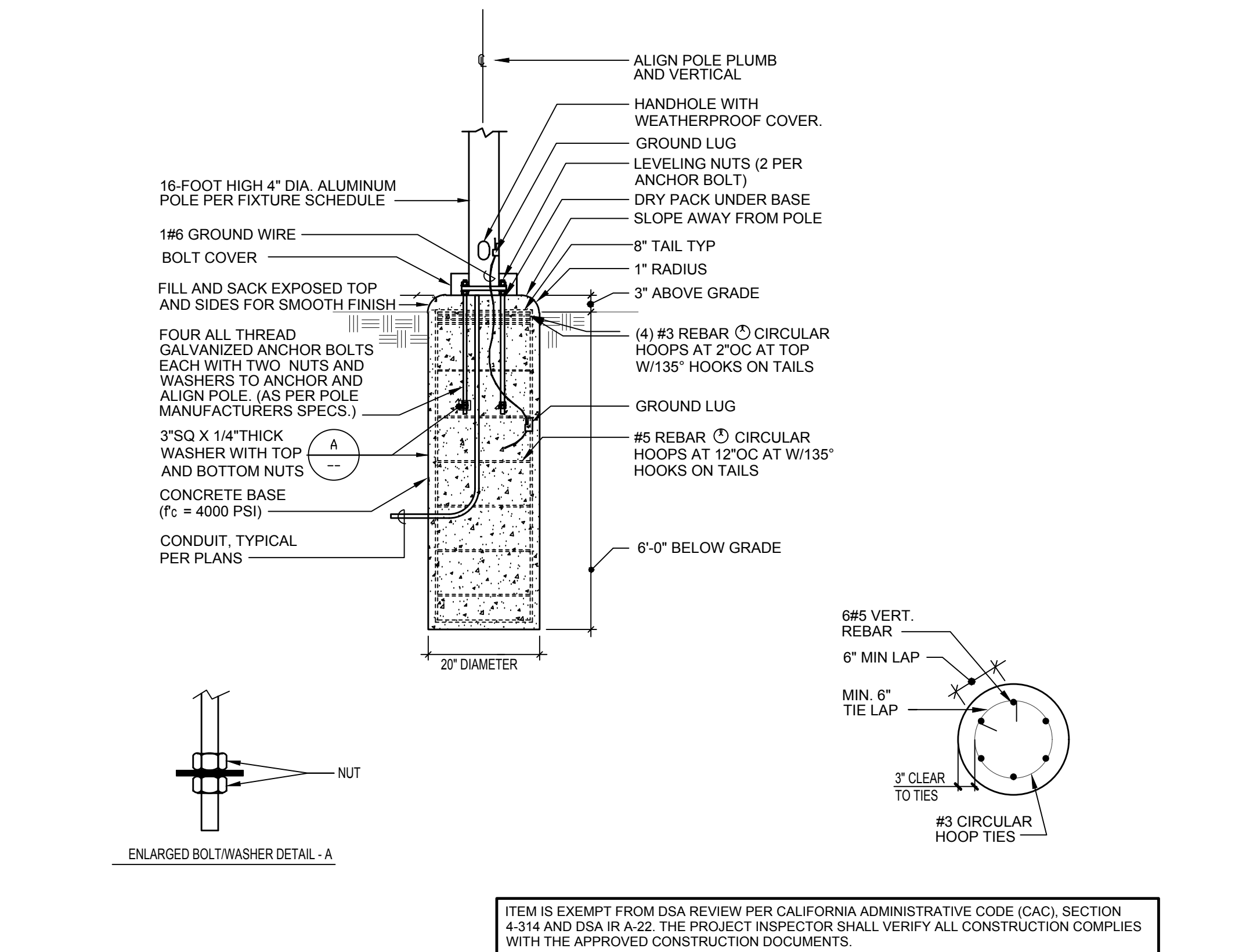
WALL MOUNTED DATA EQUIPMENT RACK SCALE: NONE 5



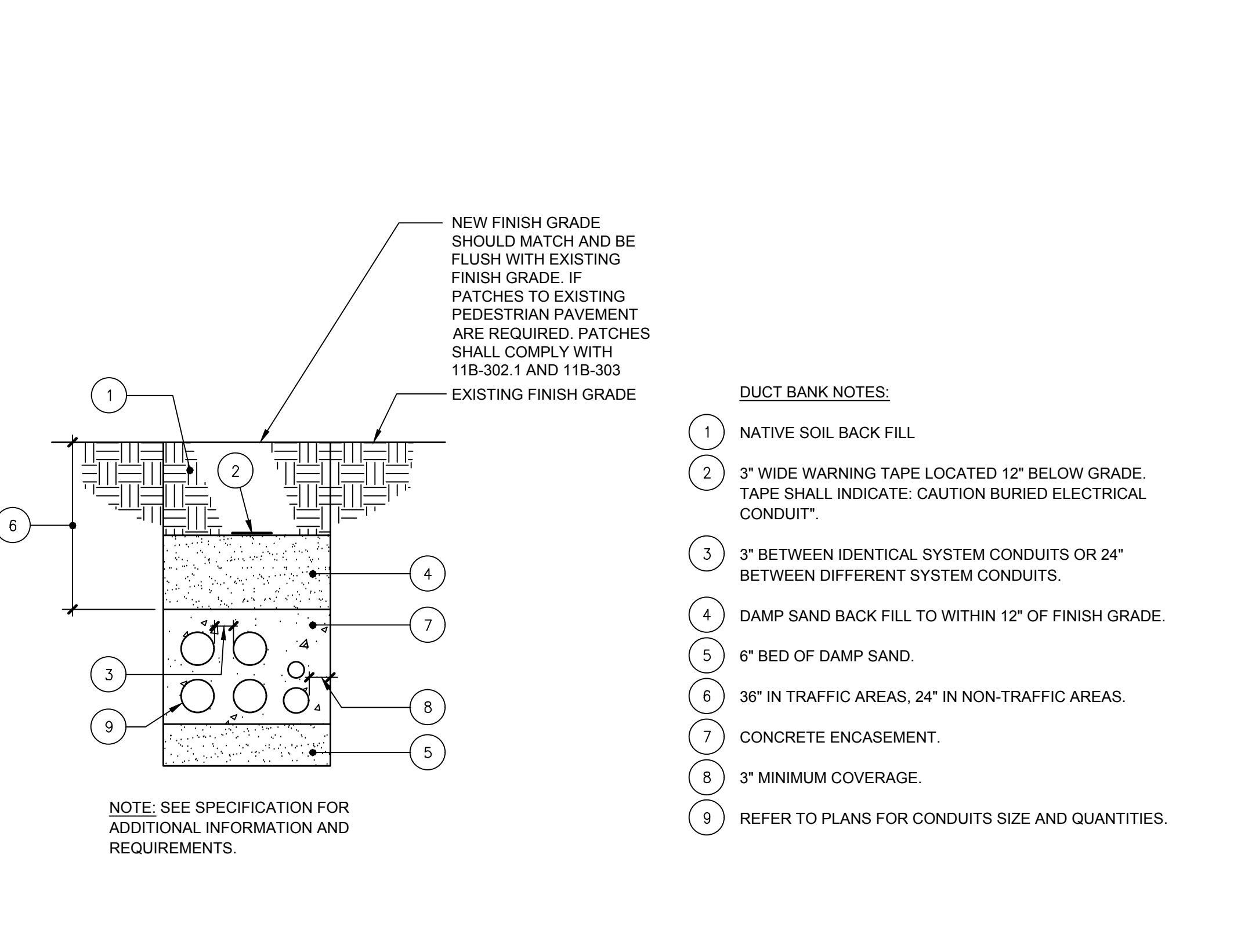
SURFACE MOUNTED PANELBOARD ANCHORAGE SCALE: NONE 4



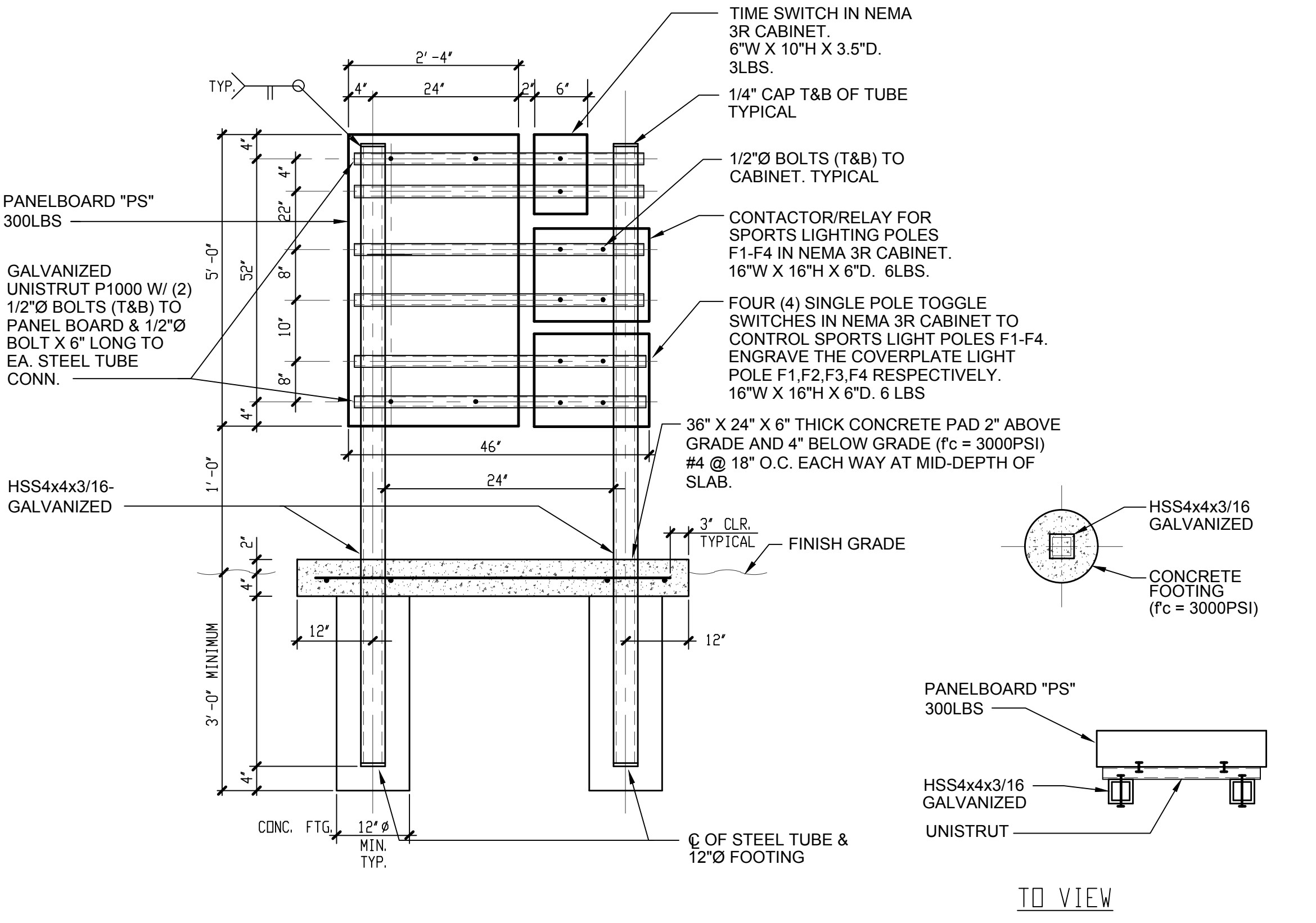
SINGLE LINE DIAGRAM SCALE: NONE 1



SEMI-FLUSH POLE BASE DETAIL (MAX 20' POLE) SCALE: NONE 6



CONDUIT DUCT BANK DETAIL SCALE: NONE 3



PANEL SUPPORT ASSEMBLY SCALE: NONE 2

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122987 INC.
REVIEWED FOR
SS FLS ACS
DATE: 06/20/2023

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RACHLIN
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Culver City, CA 90230
310.204.3400

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Rev	Date	Issue

Date: 08.10.2022
Scale:
Drawn By: DH
Checked By: AU

Architect / Engineer Stamp

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949.852.9990 • 949.852.1657 (fax)
fbaeng.com
FBA Job Number: 1126.014

SHEET TITLE

SINGLE LINE DIAGRAM, DETAILS, AND PANEL SCHEDULE

SHEET NUMBER

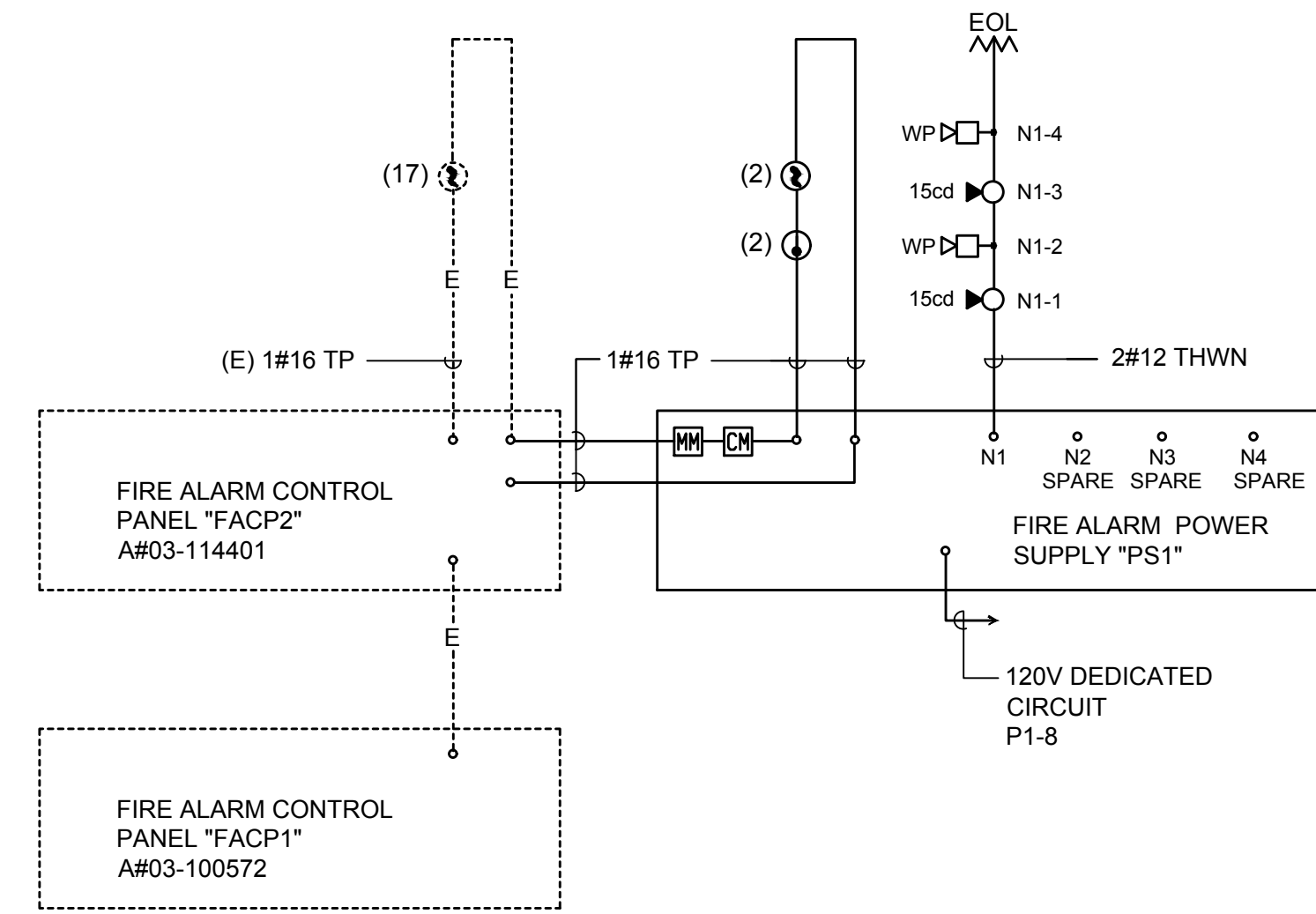
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Login: Brandon Nguyen
Last Save By: Bnguyen
I:\1126.014\014\014\014_SINGLE LINE DIAGRAM AND PANEL SCHEDULES.dwg

FIRE ALARM EQUIPMENT SCHEDULE

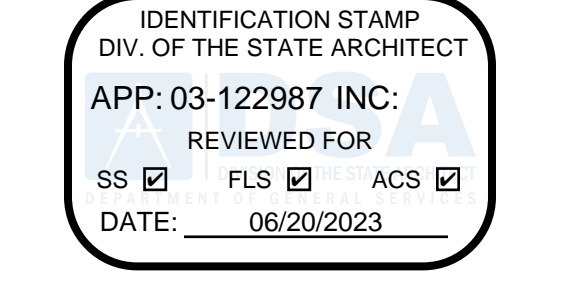
ITEM DESCRIPTION	SYMBOL	MOUNTING	CATALOG NUMBER	CSFM LISTING NUMBER	NOTES
EXISTING FIRE ALARM CONTROL PANEL "FACP1"		+48"	NOTIFIER NFS2-3030	7165-0028.0224	A# 03-100572
EXISTING FIRE ALARM CONTROL PANEL "FACP2"		+48"	NOTIFIER NFS2-3030	7165-0028.0224	A# 03-114401
FIRE ALARM POWER SUPPLY "FAPS"		+48"	NOTIFIER FCPS-24S6	7315-0028.0225	
SMOKE DETECTOR PHOTOELECTRIC TYPE ON FLUSH OUTLET BOX CEILING MOUNTED		CEILING	NOTIFIER FSP-951 BASE B300-6	7272-0028.0503 7300-1653.0109	0.0002A 0.0045A
HEAT DETECTOR ON SURFACE ATTIC MOUNTED OUTLET BOX		IN ATTIC	NOTIFIER FST-951HT BASE B300-6	7272-0028.0502 7300-1653.0109	0.0002A 0.0045A
MONITOR MODULE		---	NOTIFIER FMM-1	7300-0028.0219	0.0003A 0.0003A
CONTROL MODULE		---	NOTIFIER FCM-1	7300-0028.0219	0.0003A 0.0003A
WEATHERPROOF HORN ON WEATHERPROOF SURFACE MOUNTED OUTLET BOX.		+90"	SYSTEM SENSOR HRK	7135-1653.0189	0.069A
COMBINATION AUDIBLE/VISUAL DEVICE ON FLUSH WALL CEILING MOUNTED OUTLET BOX.		CEILING	SYSTEM SENSOR PC2W	7125-1653.0188	75 CANDELA MINIMUM PER U.L. STANDARD 1971 0.068A

FIRE ALARM RISER DIAGRAM



FIRE ALARM SYSTEM NOTES

- FIRE ALARM COMPLETE PLAN SUBMITTAL**
- 1.0 PROJECT INFORMATION**
- A. OCCUPANCY GROUP REFER TO ARCHITECTURAL DRAWINGS.
- B. CONSTRUCTION TYPE REFER TO ARCHITECTURAL DRAWINGS.
- C. PENETRATIONS OF FIRE RATED WALLS SHALL BE PROTECTED IN ACCORDANCE WITH CALIFORNIA BUILDING CODE, PART 2, CHAPTER 7, TITLE 24. REFER TO THE ARCHITECTURAL PLANS FOR FIRE-RATE CORRIDOR(S), OCCUPANCY SEPARATION(S) AND AREA SEPARATION WALL(S).
- D. UPON COMPLETION OF SYSTEM INSTALLATION, THE SYSTEM SHALL BE TESTED IN THE PRESENCE OF AND IN A MANNER ACCEPTABLE TO THE ENFORCING AGENCY.
- E. PROVIDE A STATEMENT OF COMPLIANCE WHEN REQUESTING INSPECTION CFC 901.2.1
- F. THE FIRE ALARM SYSTEM DESIGN FOR THIS PROJECT IS ADDRESSABLE AND FULLY AUTOMATIC SYSTEM.
- 2.0 APPLICABLE CODES AND STANDARDS**
- A. LIST OF APPLICABLE CODES
- 2022 BUILDING ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR
 - 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
 - 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
 - 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
 - 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
 - 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 CCR
 - 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 CCR
 - 2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
 - 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
 - 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
 - TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
- B. APPLICABLE STANDARDS
- | | |
|--|--------------|
| NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED) | 2022 EDITION |
| NFPA 101 LIFE SAFETY CODE | 2021 EDITION |
| NFPA 110 EMERGENCY AND STANDBY POWER SYSTEMS | 2022 EDITION |
| ICC 300 STANDARDS ON BLEACHERS, FOLDING AND TELESCOPIC SEATING AND GRANDSTANDS | 2017 EDITION |
| UL 268 SMOKE DETECTOR FOR FIRE PROTECTIVE SIGNALING SYSTEMS | 2021 EDITION |
| UL 464 AUDIBLE SIGNAL APPLIANCES | 2020 EDITION |
| UL 521 HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS, 1999 EDITION W/ REVISIONS THROUGH JULY 20, 2005 | |
| UL 864 CONTROL UNITS FOR FIRE PROTECTIVE SIGNALING SYSTEMS, 2003 EDITION W/ REVISIONS THROUGH DECEMBER 2014 | |
- CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS, REFER TO CBC CHAPTER 35 AND CFC CHAPTER 80.
- 3.0 UPON RECEIPT OF THE CERTIFICATE OF COMPLIANCE, THE INSTALLER SHALL SUPPLY THE OWNER WITH A WRITTEN OPERATING, TESTING AND MAINTENANCE INSTRUCTIONS, POINT-TO-POINT AS-BUILT DRAWINGS AND EQUIPMENT SPECIFICATIONS.
- 4.0 NFPA 72 CHAPTER 10.14 INSPECTION TESTING AND MAINTENANCE COMPLETE THE INSPECTION AND TESTING FORM IN ITS ENTIRETY. SUBMIT A COPY TO THE DISTRICT, ARCHITECT AND DSA DIVISION OF FIRE AND LIFE SAFETY.
- 5.0 OCCUPANCY PROHIBITED TO ANY PORTION OF BUILDING UNTIL FIRE ALARM SYSTEM HAS BEEN TESTED AND APPROVED. CBC 901.5, CFC 901.5.1 RECORD DRAWINGS OF ALL INSPECTION, TEST SHALL BE MAINTAINED ON PREMISES MINIMUM THREE YEARS. CFC 901.6.2 (5 YEARS PER TITLE 14) SMOKE DETECTORS TO UTILIZE CALIBRATED MANUFACTURE SENSITIVITY TEST INSTRUMENT. CFC 907.9.4
- 6.0 CONTRACTOR SHALL PROVIDE 24 HOUR FIRE WATCH IN CASE EXISTING CAMPUS FIRE ALARM SYSTEM IS SHUTDOWN OR DURING THE DURATION OF THE CONSTRUCTION PHASE (IF APPLICABLE TO THE PROJECT), REFER TO DSA DOCUMENT IR F-2 FOR MORE INFORMATION AND REQUIREMENTS.



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APPL No. 03-122987

FIRE ALARM SYSTEM SEQUENCE OF OPERATIONS

ACTION	DEVICE	AREA SMOKE DETECTOR	AREA HEAT DETECTOR	ATTIC SPACE HEAT DETECTOR	GROUND FAULT	SHORT CIRCUIT	LOW BATT	120VAC POWER FAIL	NOTES
ANNUNCIATE ALARM CONDITION AT FACP AND REMOTE NETWORK ANNUNCIATOR		X	X	X					
ANNUNCIATE TROUBLE CONDITION AT FACP AND REMOTE NETWORK ANNUNCIATOR					X	X	X		
ANNUNCIATE TROUBLE CONDITION AT FACP AND REMOTE NETWORK ANNUNCIATOR		X	X	X	X	X	X	X	[1]
ACTIVATE AUDIBLE/VISUALS SIGNALS THROUGHOUT FACILITY/CAMPUS (ON GENERAL FIRE ALARM)		X	X	X					
CONTACT CENTRAL STATION (UDACT)		X	X	X	X	X	X	X	

NOTES:
[1] INDICATE TROUBLE ON WIRING FAULT OR DEVICE AS REQUIRED.

FIRE ALARM BATTERY CALCULATIONS

(E) FIRE ALARM CONTROL PANEL FACP2 A#03-114401

DEVICE	STAND-BY CURRENT	ALARM CURRENT
(1) MONITOR MODULE	0.0003	0.0003
(1) CONTROL MODULE	0.0003	0.0003
(2) SMOKE DETECTOR	0.001	0.012
(2) HEAT DETECTOR	0.001	0.012
TOTAL	0.003	0.025

TOTAL STANDBY CURRENT X 60 HOURS = 0.003A x 60 HOURS = 0.180 A-HR
TOTAL NEW ALARM CURRENT X 15 MINUTES = 0.025A x 0.25 HR = 0.006 A-HR
TOTAL MINIMUM AMPERE - HOUR RATING OF BATTERIES = 0.186 A-HR

- NOTES:
- BATTERY CALCULATION SHALL BE BASED ON A MINIMUM OF 60.0 HOURS STANDBY AND 15 MINUTES ALARM.
 - EXISTING BATTERY SPARE CAPACITY = 37.86 A-HR. PER A#03-114401 NEW BATTERY SPARE CAPACITY 37.86 A-HR - 0.186AHR = 37.674 AHR.

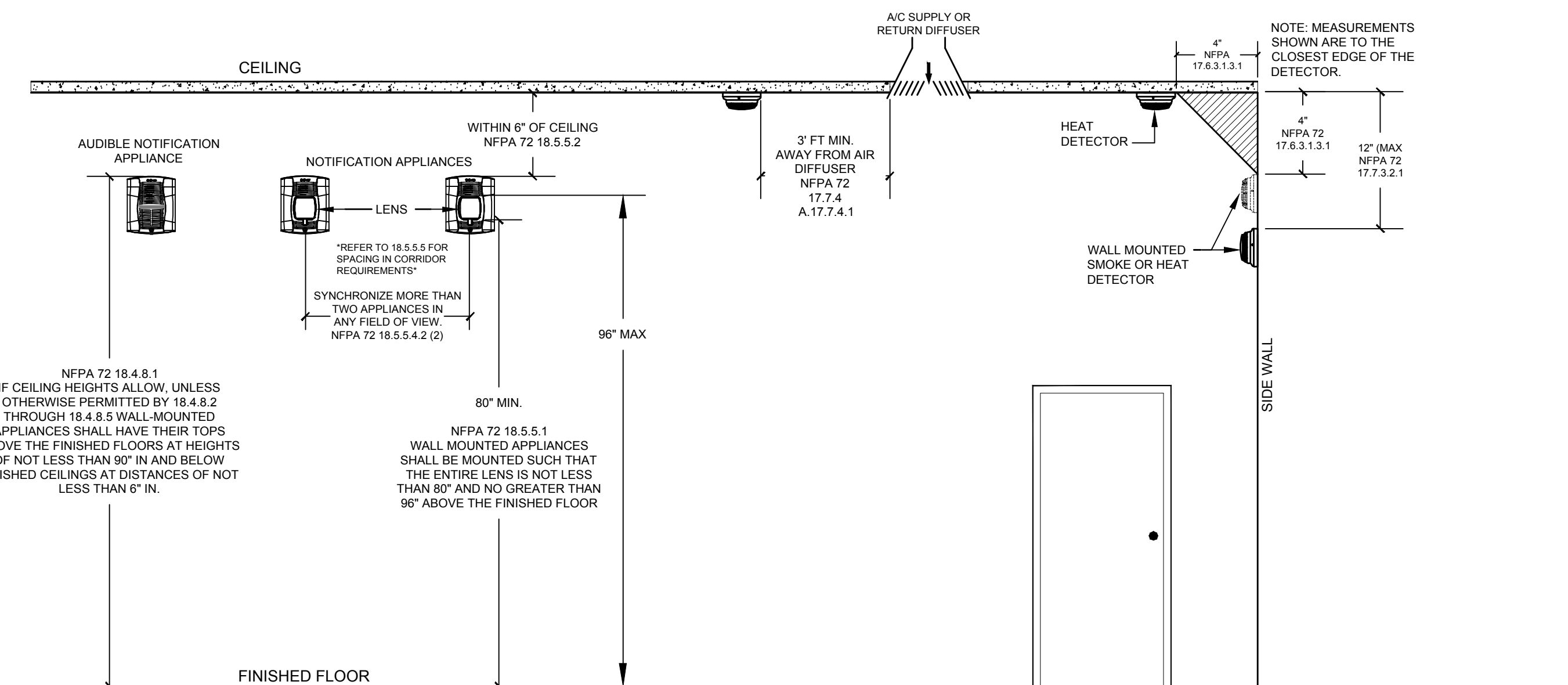
FIRE ALARM POWER SUPPLY "PSW"

DEVICE	STAND-BY CURRENT	ALARM CURRENT
(1) CONTROLS	0.040	0.160
(2) 15cd STROBE/HORN		0.136
(2) WEATHERPROOF HORN		0.138
TOTAL	0.040	0.434

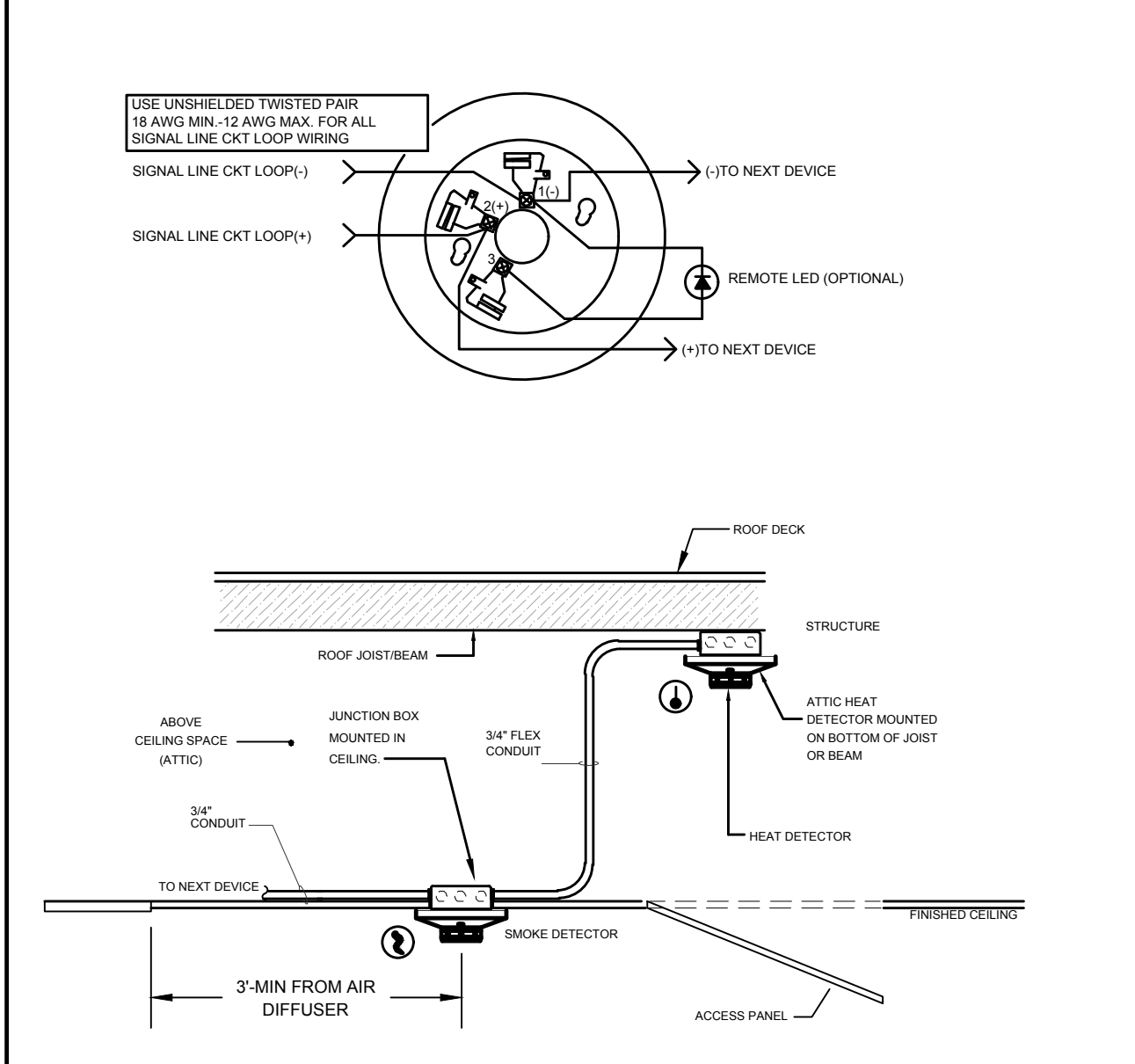
TOTAL STANDBY CURRENT X 60 HOURS = 0.040A x 60 HOURS = 2.400 A-HR
TOTAL NEW ALARM CURRENT X 15 MINUTES = 0.434A x 0.25 HR = 0.109 A-HR
TOTAL MINIMUM AMPERE - HOUR RATING OF BATTERIES = 2.509 A-HR

- NOTES:
- BATTERY CALCULATION SHALL BE BASED ON A MINIMUM OF 60.0 HOURS STANDBY AND 15 MINUTES ALARM.
 - PROVIDE A MINIMUM OF 7 A-HR OF TOTAL BATTERY STANDBY POWER FOR FIRE ALARM CONTROL PANEL.

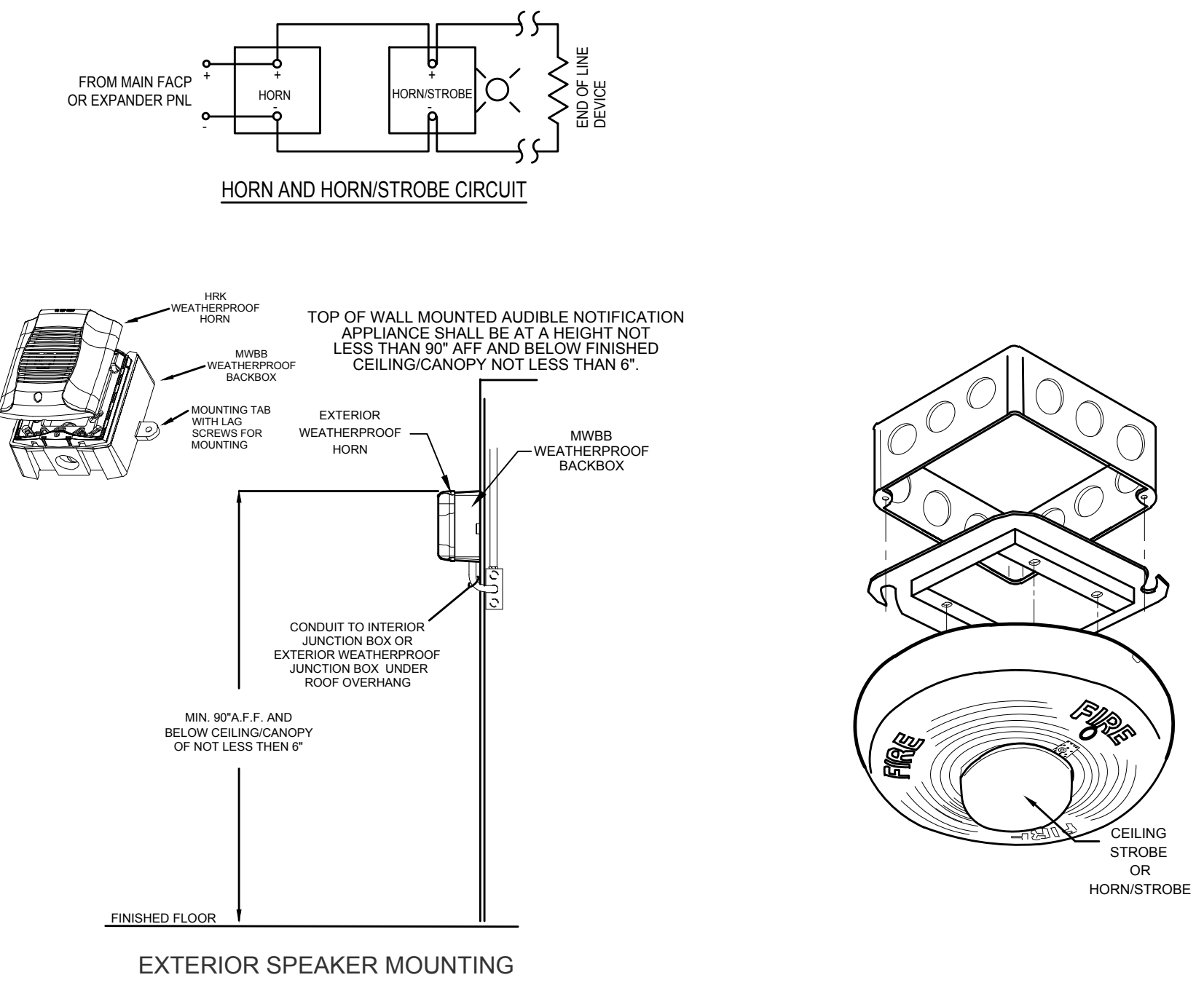
FIRE ALARM SYSTEM DEVICE MOUNTING ELEVATION / NOTES



DETECTOR BASE WIRING / MOUNTING



NOTIFICATION APPLIANCE DETAIL



VOLTAGE DROP CALCULATIONS

LOCATION	CIRCUIT #	SERVICE TO	DISTANCE (FEET)	CONDUCTOR SIZE (AWG)	LOAD BREAKDOWN	LOAD CIRCUIT TOTAL (AMPS)	VOLTS DROPPED (PERCENT)
PRESS BOX	N1	NOTIFICATION DEVICES	70	12	2 @ 0.069 2 @ 0.068	0.274	0.264

NOTE: WORST CASE

FORMULA: $\frac{\text{AMPS} \times \text{DISTANCE} \times 21.6}{\text{CIRC. MILS}} \times \frac{100}{\text{VOLTS}} = \% \text{ DROPPED}$

CIRCUIT N1: $\frac{0.274 \times 70 \times 21.6}{6530} \times \frac{100}{24} = 0.264\%$

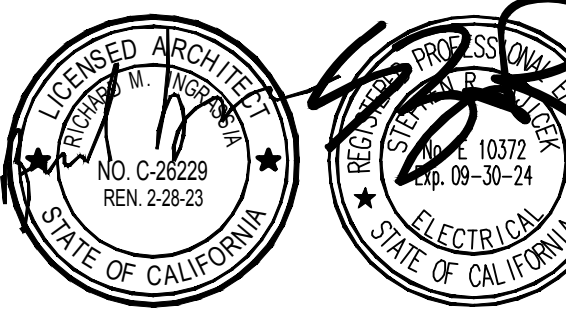
DISTANCE SHOWN IN VOLTAGE DROP CALCULATIONS ARE FOR CALCULATION PURPOSES ONLY; AND SHALL NOT BE USED FOR BID TAKE-OFF.

EACH INITIATING DEVICE SHALL HAVE ITS OWN UNIQUE ADDRESS

Rev Date Issue

Date: 08.10.2022
Scale:
Drawn By: DH
Checked By: AU

Architect / Engineer Stamp



Consultants

FBA Engineering
Consulting Electrical Engineers
150 Pasadena Avenue Suite A120
Culver City, CA 90230
949.862.9990 • 949.862.1657 (fax)
fbaeng.com FBA Job Number: 1126 014

Sheet Title
FIRE ALARM EQUIPMENT SCHEDULE, RISER DIAGRAM, BATTERY AND VOLTAGE DROP CALCULATIONS.

Sheet Number

E-0.3

Plot Date: 5/2/2023 2:35:29 PM. Login: Brandon Nguyen. L:\1120\014\E-0.3_1120\014_FA_EQUIP_SCHEDULE_RISE_DIAGRAM_BATT_CALC.dwg

DSA Stamp

Architect



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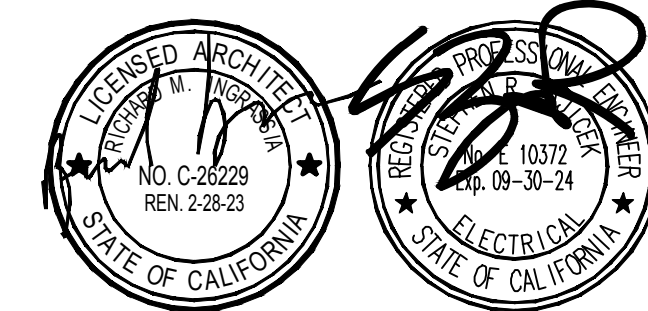
APPL No. 03-122987

Culver City High School Press Box Addition
Culver City Unified School District
4401 Elenda Street
Culver City, California 90230

Rev Date Issue

Date: 08.10.2022
Scale:
Drawn By: DH
Checked By: AU

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Consultants



Sheet Title
OUTDOOR TITLE 24

Sheet Number

E-0.4

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Outdoor Lighting NRCC-LTD-4
CERTIFICATE OF COMPLIANCE
Project Name: CULVER CITY HIGH SCHOOL Report Page: (Page 3 of 7)
Project Address: 4401 ELENDA STREET Date Prepared: 2/13/2023

F. OUTDOOR LIGHTING FIXTURE SCHEDULE
For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e) all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)(2) only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (i.e. existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.
Designated Wattage:
01 02 03 04 05 06 07 08 09 10
Name or Item Tag Complete Luminaire Description Watts per luminaire^{1,2} How is Wattage determined Total Number Luminaires² Luminaire Status³ Excluded per 140.7(a) / 170.2(e)(6A) Design Watts Cutoff Req. > 6,200 initial lumen output / 130.2(b) / 160.5(c)^{1,4} Field Inspector Pass Fail
SL1 LED POST TOP Linear 80 Mfr. Spec 3 New 240 NA: < 6200 lumens
Total Design Watts: 240

G. SHIELDING REQUIREMENTS (BUG)
This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Outdoor Lighting NRCC-LTD-4
CERTIFICATE OF COMPLIANCE
Project Name: CULVER CITY HIGH SCHOOL Report Page: (Page 4 of 7)
Project Address: 4401 ELENDA STREET Date Prepared: 2/13/2023

H. OUTDOOR LIGHTING CONTROLS
This table demonstrates 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.
Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit.
Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings
01 02 03 04 05
Area Description Shut-Off 130.2(c)(1) / 160.5(c) Auto-Schedule 130.2(c)(2) / 160.5(c) Motion Sensor 130.2(c)(3) / 160.5(c) Field Inspector
Pass Fail

I. LIGHTING ALLOWANCE: PER SPECIFIC AREA
This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)
This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Form/Title
NRCC-LTD-E - Must be submitted for all buildings

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
There are no NRCA forms required for this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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Documentation Software: EnergyPro Schema Version: rev 20220101

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Outdoor Lighting NRCC-LTD-4
CERTIFICATE OF COMPLIANCE
Project Name: CULVER CITY HIGH SCHOOL Report Page: (Page 7 of 7)
Project Address: 4401 ELENDA STREET Date Prepared: 2/13/2023

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.
Documentation Author Name: Steve Zajack
Signature Date: 2023-02-13
Company: FBA Engineering
Address: 150 Paullarino Avenue Suite A120
City/State/Zip: COSTA MESA CA 92626
Phone: 9498529995

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: STEVE ZAJACK PE
Signature Date: 2023-02-13
Company: FBA ENGINEERING
Address: 150 PAULLARINO AVE
City/State/Zip: COSTA MESA CA 92626
Phone: E10372

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000
Documentation Software: EnergyPro Schema Version: rev 20220101

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Outdoor Lighting NRCC-LTD-4
CERTIFICATE OF COMPLIANCE
Project Name: CULVER CITY HIGH SCHOOL Report Page: (Page 2 of 7)
Project Address: 4401 ELENDA STREET Date Prepared: 2/13/2023

C. COMPLIANCE RESULTS
Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.
Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)6 or 141.0(b)(2) / 180.2(b)(4)Bv
01 02 03 04 05 06 07 08 09
General Hardship Allowance 140.7(d)(1) / 170.2(e)(6) Per Application 140.7(d)(2) / 170.2(e)(6) Sales Frontage 140.7(d)(2) / 170.2(e)(6) Ornamental 140.7(d)(2) / 170.2(e)(6) Per Specific Area 140.7(d)(2) / 170.2(e)(6) Existing Power Allowance 141.0(b)(2) / 180.2(b)(4)Bv OR
Total Allowed (Watts) = Total Actual (Watts) 07 must be >= 08
261 + + + + + + + + = 261 ≥ 240 COMPLIES

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

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

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Generated Date/Time: Report Version: 2022.0.000
Documentation Software: EnergyPro Schema Version: rev 20220101

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Outdoor Lighting NRCC-LTD-4
CERTIFICATE OF COMPLIANCE
Project Name: CULVER CITY HIGH SCHOOL Report Page: (Page 5 of 7)
Project Address: 4401 ELENDA STREET Date Prepared: 2/13/2023

I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))
This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardship Allowance is per Table 140.7-A / Table 170.2-A while "Use it or lose it" Allowances are per Table 140.7-B, Table 170.2-S. 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.
Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.
Calculated General Hardship Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel
01 "Use it or lose it" Allowance (select all that apply) (select all that apply)
 General Hardship Allowance Table I (below) Per Application Table J Sales Frontage Table K Ornamental Table L Per Specific Area Table M

02 03 04 05 06 07 08 09
Area Description Illuminated Area (ft²) Allowed Density (W/ft²) Area Allowance (Watts) Perimeter Length (ft) Allowed Density (W/ft) Linear Allowance (Watts) Total General Allowance (Watts)
EXTERIOR LIGHTING 1800 0.019 34.2 180 0.2 27 61
Initial Wattage Allowance for Entire Site (Watts): 200
Instances of Initial Wattage Allowance (LZ only):
Total General Hardship Allowance (Watts): 261

J. LIGHTING ALLOWANCE: PER APPLICATION
This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE
This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL
This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000
Documentation Software: EnergyPro Schema Version: rev 20220101

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Outdoor Lighting NRCC-LTD-4
CERTIFICATE OF COMPLIANCE
Project Name: CULVER CITY HIGH SCHOOL Report Page: (Page 1 of 7)
Project Address: 4401 ELENDA STREET Date Prepared: 2/13/2023

A. GENERAL INFORMATION
01 Project Location (city) CULVER CITY 04 Total Illuminated Hardship Area (ft²) 1800
02 Climate Zone 8
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 - Urban Clusters LZ-4: High - Must be reviewed by CA Energy Commission for Approval
 LZ-1: Low - Rural Areas LZ-3: Moderately High - Urban Areas
05 Occupancy Types within Project
• Convention Center

B. PROJECT SCOPE
This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)6 or 141.0(b)(2) / 180.2(b)(4)Bv for alterations.
My Project Consists of:
01 02
 New Lighting System Must Comply with Allowances from 140.7 / 170.2(e)6
 Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes No
03 04 05
% of Existing Luminaires Being Altered¹ Sum Total of Luminaires Being Added or Altered Calculation Method
 < 10% >= 10% and < 50% >= 50%

Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.
¹ 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.

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Generated Date/Time: Report Version: 2022.0.000
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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Outdoor Lighting NRCC-LTD-4
CERTIFICATE OF COMPLIANCE
Project Name: CULVER CITY HIGH SCHOOL Report Page: (Page 4 of 7)
Project Address: 4401 ELENDA STREET Date Prepared: 2/13/2023

H. OUTDOOR LIGHTING CONTROLS
This table demonstrates 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.
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Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings
01 02 03 04 05
Area Description Shut-Off 130.2(c)(1) / 160.5(c) Auto-Schedule 130.2(c)(2) / 160.5(c) Motion Sensor 130.2(c)(3) / 160.5(c) Field Inspector
Pass Fail

¹ FOOTNOTE: Test has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.
² Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.
³ Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are exempted from ii and iii.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000
Documentation Software: EnergyPro Schema Version: rev 20220101

PLAN NOTES

REFER TO SHEET E-1.1 FOR PLAN NOTES.

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 03-122987 INC.
 REVIEWED FOR:
 SS FLS ACS
 DATE: 06/20/2023

DSA Stamp
 Architect



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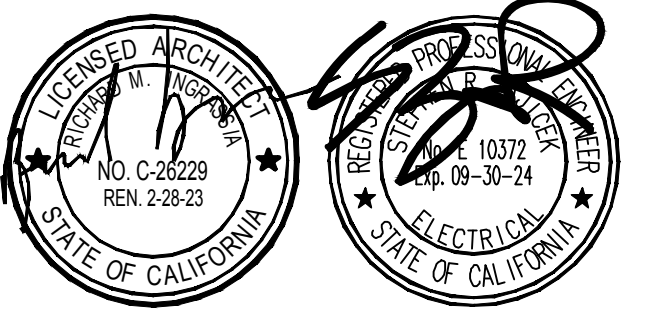
SITE PLAN PERFORMANCE NOTES

- ELECTRICAL CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING OR CONDUITS, ETC., AND TO PREVENT HAZARD TO PERSONNEL AND/OR DAMAGE TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY THIS OR ANY OTHER CONTRACTOR. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DISTRICT SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
- REFER TO CIVIL ENGINEER'S GRADING PLANS FOR NEW GRADES. AT ALL EXISTING TO REMAIN PULLBOXES/VAULTS, ADJUST HEIGHT OF PULLBOX/VAULT COVER TO BE FLUSH WITH NEW GRADE OR FINISHED SURFACE. PROVIDE ADDITIONAL NECKING TO COMPLY WITH THIS PROVISION.
- ALL NEW AND EXISTING PULLBOX/VAULT COVERS INDICATED ON THESE PLANS, SHALL HAVE A NON-SLIP COATING, "JENSEN TRAX PLATE" OR EQUIVALENT.
- ALL NEW AND EXISTING CONDUIT CABLING AND CONDUCTOR RUNS ARE SHOWN DIAGRAMMATICALLY. CONTRACTOR SHALL FIELD VERIFY THE EXISTING CONDITIONS AND PROVIDE ALL CABLING/CONDUCTORS OF SUFFICIENT LENGTH TO MAINTAIN CONTINUITY OF SYSTEMS.

Rev	Date	Issue

Date: 08.10.2022
 Scale:
 Drawn By: DH
 Checked By: AU

Architect / Engineer Stamp



Consultants

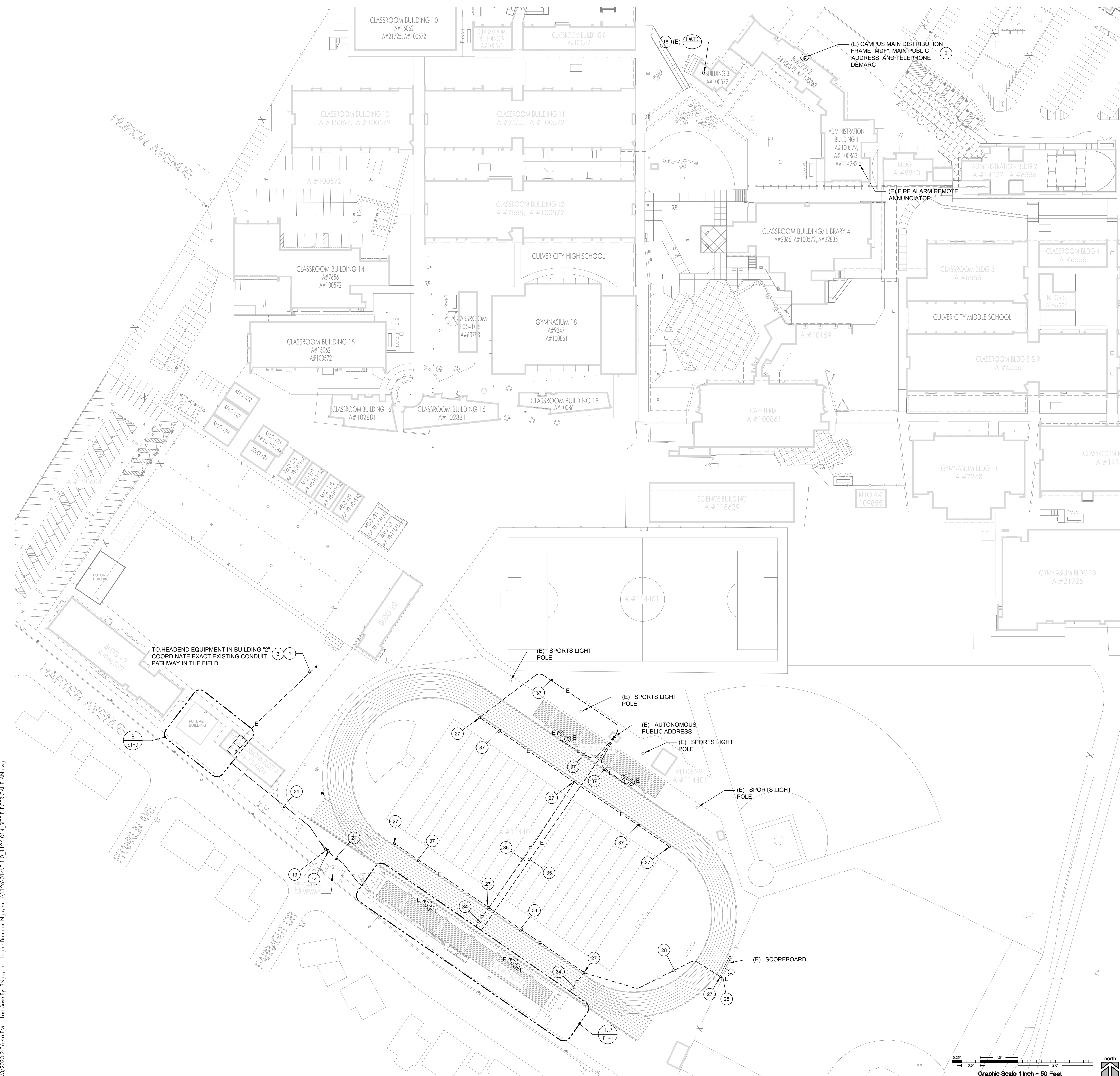
FBA Engineering
 Consulting Electrical Engineers
 100 Pasadena Avenue Suite A120
 Costa Mesa, CA 92626
 949.852.9999 • 949.852.1657 (fax)
 fbaeng.com
 FBA Job Number: 1126 014

Sheet Title

SITE ELECTRICAL PLAN

Sheet Number

E-1.0



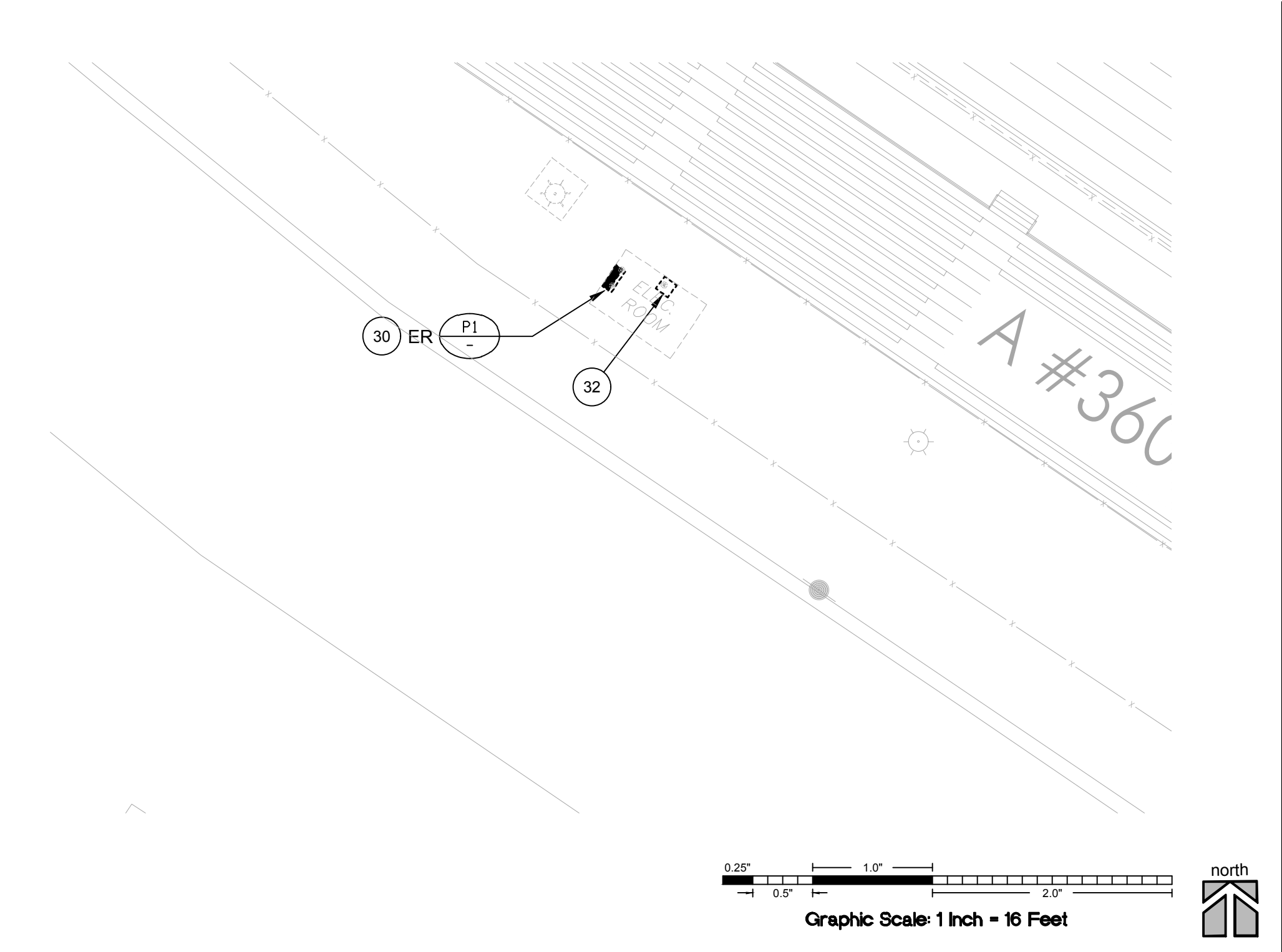
Graphic Scale: 1 Inch = 50 Feet

Graphic Scale: 1 Inch = 20 Feet

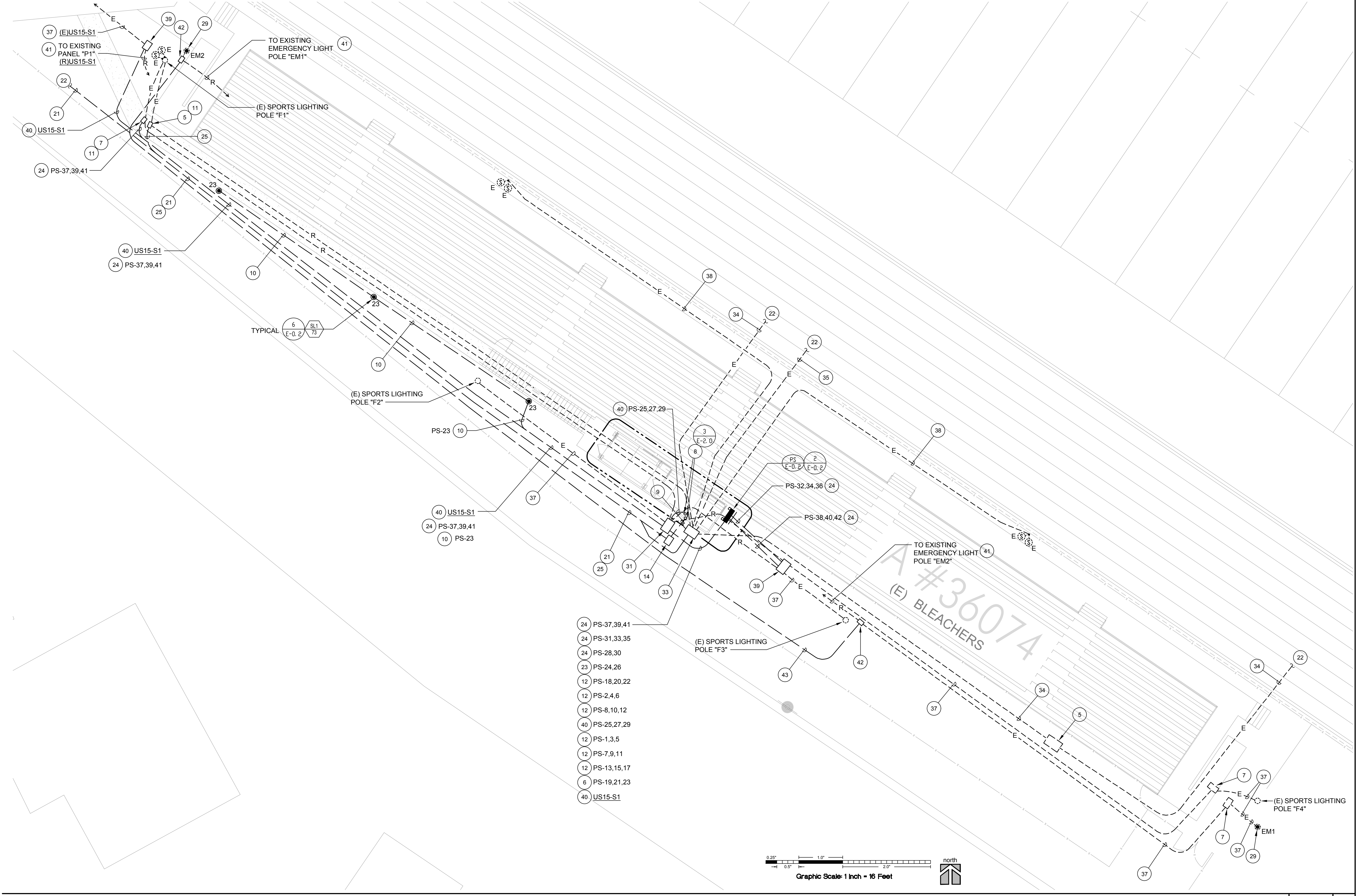
SITE ELECTRICAL PLAN SCALE: 1"=50'-0" 1

ENLARGED SITE ELECTRICAL PLAN SCALE: 1"=20'-0" 2

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 User: Brandon Nguyen
 Login: Brandon Nguyen
 Path: S:\Projects\1126\014\1126_014_SITE ELECTRICAL PLAN.dwg



ENLARGED SITE DEMOLITION ELECTRICAL PLAN SCALE: 1/16"=1'-0" 1



Graphic Scale 1 Inch = 16 Feet north

ENLARGED SITE ELECTRICAL PLAN SCALE: 1"=10'-0" 2

- 36 EXISTING MICROPHONE CONDUIT TO REMAIN. REMOVE EXISTING MICROPHONE CABLINGS IN EXISTING CONDUITS AND REPLACE WITH NEW CABLINGS AS REQUIRED. NEW CABLINGS SHALL MATCH SIZES AND QUANTITIES OF REMOVED CABLINGS.
- 37 EXISTING CONDUIT AND CONDUCTORS/CABLINGS TO REMAIN.
- 38 EXISTING SPEAKER CONDUIT TO REMAIN. REMOVE EXISTING SPEAKER CABLINGS IN EXISTING CONDUITS AND REPLACE WITH NEW CABLINGS AS REQUIRED. NEW CABLINGS SHALL MATCH SIZES AND QUANTITIES OF REMOVED CABLINGS.
- 39 PROVIDE 2' X 3' X 3'D. CONCRETE INTERCEPT TYPE PULLBOX WITH BOLT-DOWN COVER ENGRAVED "POWER". INSTALL PULLBOX OVER EXISTING POWER CONDUITS IN ORDER TO INTERCEPT AND EXTEND WITH NEW CONDUIT AND CONDUCTORS AS INDICATED.
- 40 REFER TO SINGLE LINE DIAGRAM DETAIL #1/E-0.2 FOR FEEDER SIZE.
- 41 EXISTING CONDUIT AND CONDUCTORS TO BE REMOVED.
- 42 PROVIDE 11" X 17" X 36"D. CONCRETE INTERCEPT TYPE PULLBOX WITH BOLT-DOWN COVER ENGRAVED "EM SITE LIGHTING". INSTALL PULLBOX OVER EXISTING POWER CONDUITS IN ORDER TO INTERCEPT AND EXTEND WITH NEW CONDUIT AND WIRING AS INDICATED.
- 43 PROVIDE #8, 1#10GRD. - 1 1/2"C.

PLAN NOTES

- 1 EXISTING SIGNAL SYSTEM CONDUITS TO REMAIN. PROVIDE ADDITIONAL TELEPHONE 15 PAIR COPPER AS REQUIRED TO SERVE THE NEW CONSTRUCTION.
- 2 MODIFY EXISTING SIGNAL SYSTEM AS REQUIRED TO SERVE THE NEW CONSTRUCTION. PROVIDE ADDITIONAL EQUIPMENT AS NEEDED FOR A COMPLETE AND OPERABLE SYSTEM.
- 3 WHERE NEW CONDUCTORS/CABLING IS SPECIFIED IN EXISTING CONDUITS CONTAINING EXISTING CABLING. THE CONTRACTOR SHALL REMOVE ENOUGH OF THE EXISTING WIRING IN ORDER TO PULL IN NEW PLUS REPLACEMENT OF EXISTING WIRING.
- 4 REFER TO ENLARGED SITE ELECTRICAL PLAN DETAIL #1/E-1.0 FOR CONTINUATION.
- 5 EXISTING SIGNAL PULLBOX TO REMAIN.
- 6 PROVIDE #6/10, 1#10GRD. - 1 1/2"C.
- 7 EXISTING POWER PULLBOX TO REMAIN.
- 8 CONDUITS UP TO PRESS BOX AND CONNECT AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEMS.
- 9 PROVIDE THE FOLLOWING TELECOMMUNICATION CONDUITS AND CABLING:

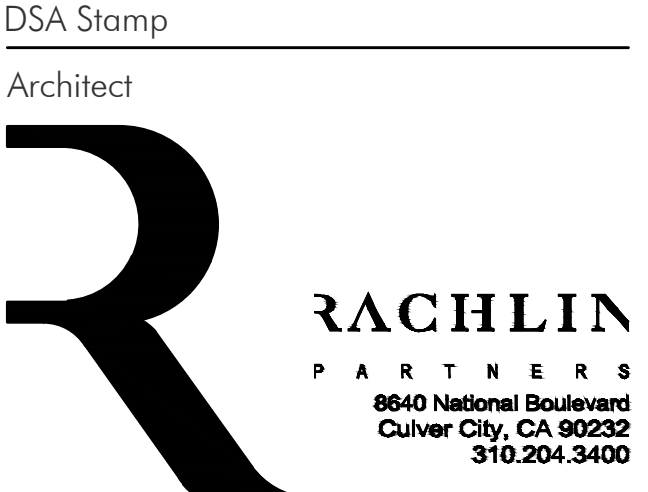
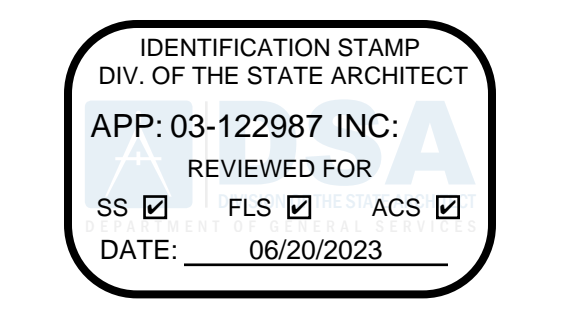
2"C.	COMPUTER/DATA (FIBER OPTIC 6 STANDS MM)
1 1/2"C.	TELEPHONE (5 PAIR COPPER)
1 1/2"C.	FIRE ALARM
1 1/2"C.	INTRUSION DETECTION
1 1/2"C.	AUTONOMOUS PUBLIC ADDRESS
1 1/2"C.	MICROPHONE
1 1/2"C.O.	SPARE
- 10 PROVIDE 2#10, 1#10GRD. - 1"C.
- 11 INTERCEPT AND EXTEND WITH NEW CONDUIT AND WIRING AS INDICATED.
- 12 PROVIDE #6/10, 1#10GRD. - 1"C.
- 13 PROVIDE 2' X 3' X 3'D. PRECAST CONCRETE PULLBOX WITH BOLT DOWN, TRAFFIC RATED, NO SLIP COVER, ENGRAVED COVER TO READ "TELECOM".
- 14 PROVIDE 17" X 30" X 36"D. PRECAST CONCRETE PULLBOX WITH BOLT DOWN, TRAFFIC RATED, NON SLIP COVER, ENGRAVED COVER TO READ "FIRE ALARM".
- 15 PROVIDE THE FOLLOWING TELECOMMUNICATION CONDUITS AND CABLING:

2"C.	COMPUTER/DATA (FIBER OPTIC 6 STANDS MM)
2"C.	FIRE ALARM
1 1/2"C.	INTRUSION DETECTION
1 1/2"C.	TELEPHONE (5 PAIR COPPER)
3"C.O.	COMPUTER/DATA
2"C.O.	INTERCOMP/CLOCK
2"C.O.	SPARE
- 16 ROUTE CONDUIT EXPOSED ON THE CEILING.
- 17 ROUTE CONDUIT FROM BELOW GRADE EXPOSED ON BUILDING EXTERIOR TO AN ELEVATION BELOW CEILING LEVEL IN ORDER TO ROUTE CONDUITS INDICATED. PROVIDE WEATHERPROOF "LB" FITTING AND SEALED PENETRATION THROUGH BUILDING WALLS.
- 18 EXISTING FIRE ALARM CONTROL PANEL NOTIFIER NSF2 3030 PER A#03-100572 TO REMAIN. CONTRACTOR SHALL REPROGRAM THE PANEL AS REQUIRED TO SERVE THE NEW CONSTRUCTION.
- 19 EXISTING FIRE ALARM CONTROL PANEL NOTIFIER NSF2 3030 PER A#03-114401 TO REMAIN. CONTRACTOR SHALL MODIFY AND REPROGRAM THE PANEL AS REQUIRED TO SERVE THE NEW CONSTRUCTION.
- 20 PROVIDE THE FOLLOWING TELECOMMUNICATION CONDUITS AND CABLING:

3"C.O.	COMPUTER/DATA
2"C.O.	FIRE ALARM
2"C.O.	INTERCOMP/PA/CLOCK
2"C.O.	TELEPHONE
2"C.O.	INTRUSION DETECTION
2"C.O.	SPARE
- 21 PROVIDE THE FOLLOWING TELECOMMUNICATION CONDUITS AND CABLING:

2"C.	COMPUTER/DATA (FIBER OPTIC 6 STANDS MM)
1 1/2"C.	TELEPHONE (5 PAIR COPPER)
1 1/2"C.	FIRE ALARM
1 1/2"C.	INTRUSION DETECTION
1 1/2"C.O.	SPARE
- 22 REFER TO SITE ELECTRICAL PLAN DETAIL #1/E-1.0 FOR CONTINUATION.
- 23 PROVIDE 3#6, 1#10 GRD. - 1"C.
- 24 PROVIDE 3#10, 1#6 GRD. - 1 1/2"C.
- 25 PROVIDE THE FOLLOWING TELECOMMUNICATION CONDUITS AND CABLING:

1"C.	AUTONOMOUS PUBLIC ADDRESS
1"C.O.	SPARE
- 26 STUB AND CAP CONDUITS BELOW GRADE. PROVIDE FLUSH IN GRADE MARKER.
- 27 EXISTING FOOTBALL FIELD PULLBOX TO REMAIN.
- 28 REMOVE EXISTING SCOREBOARD CONTROL CABLING IN EXISTING CONDUIT AND REPLACE WITH NEW CABLINGS. CABLE TYPES AND QUANTITY SHALL MATCH REMOVED CABLES. RECONNECT TO EXISTING SCOREBOARD AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM.
- 29 EXISTING EMERGENCY LIGHT POLE TO REMAIN.
- 30 DISCONNECT AND REMOVE EXISTING ELECTRICAL PANEL. REFER TO PLAN NOTE #31 FOR ADDITIONAL INFORMATION.
- 31 PROVIDE 3' X 5' X 3'D. CONCRETE INTERCEPT TYPE PULLBOX WITH BOLT-DOWN COVER ENGRAVED "POWER". INSTALL PULLBOX OVER EXISTING POWER CONDUITS IN ORDER TO INTERCEPT AND EXTEND EXISTING BRANCH CIRCUITS AS INDICATED.
- 32 DISCONNECT AND RELOCATE THE EXISTING STADIUM AUTONOMOUS PA RACK TO THE NEW PRESSBOX. REFER TO PLAN NOTE #33 FOR ADDITIONAL INFORMATION.
- 33 PROVIDE 2' X 3' X 3'D. CONCRETE INTERCEPT TYPE PULLBOX WITH BOLT-DOWN COVER ENGRAVED "SIGNAL". INSTALL PULLBOX OVER EXISTING SIGNAL CONDUITS IN ORDER TO INTERCEPT AND EXTEND WITH NEW CONDUIT AND CABLING TO THE PRESSBOX AS INDICATED.
- 34 EXISTING 2"C. MICROPHONE AND 1"C. SCOREBOARD TO REMAIN. REMOVE EXISTING MICROPHONE AND SCOREBOARD CABLINGS IN EXISTING CONDUITS AND REPLACE WITH NEW CABLINGS AS REQUIRED. NEW CABLINGS SHALL MATCH SIZES AND QUANTITIES OF REMOVED CABLINGS.
- 35 EXISTING AUTONOMOUS PUBLIC ADDRESS CONDUIT TO REMAIN. REMOVE EXISTING AUDIO CABLINGS IN EXISTING CONDUITS AND REPLACE WITH NEW CABLINGS AS REQUIRED. NEW CABLINGS SHALL MATCH SIZES AND QUANTITIES OF REMOVED CABLINGS.



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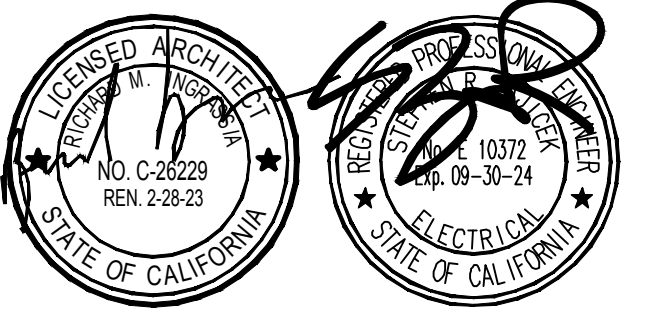
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Date: 08.10.2022
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 Checked By: AU

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 fbainc.com FBA Job Number: 1126 014

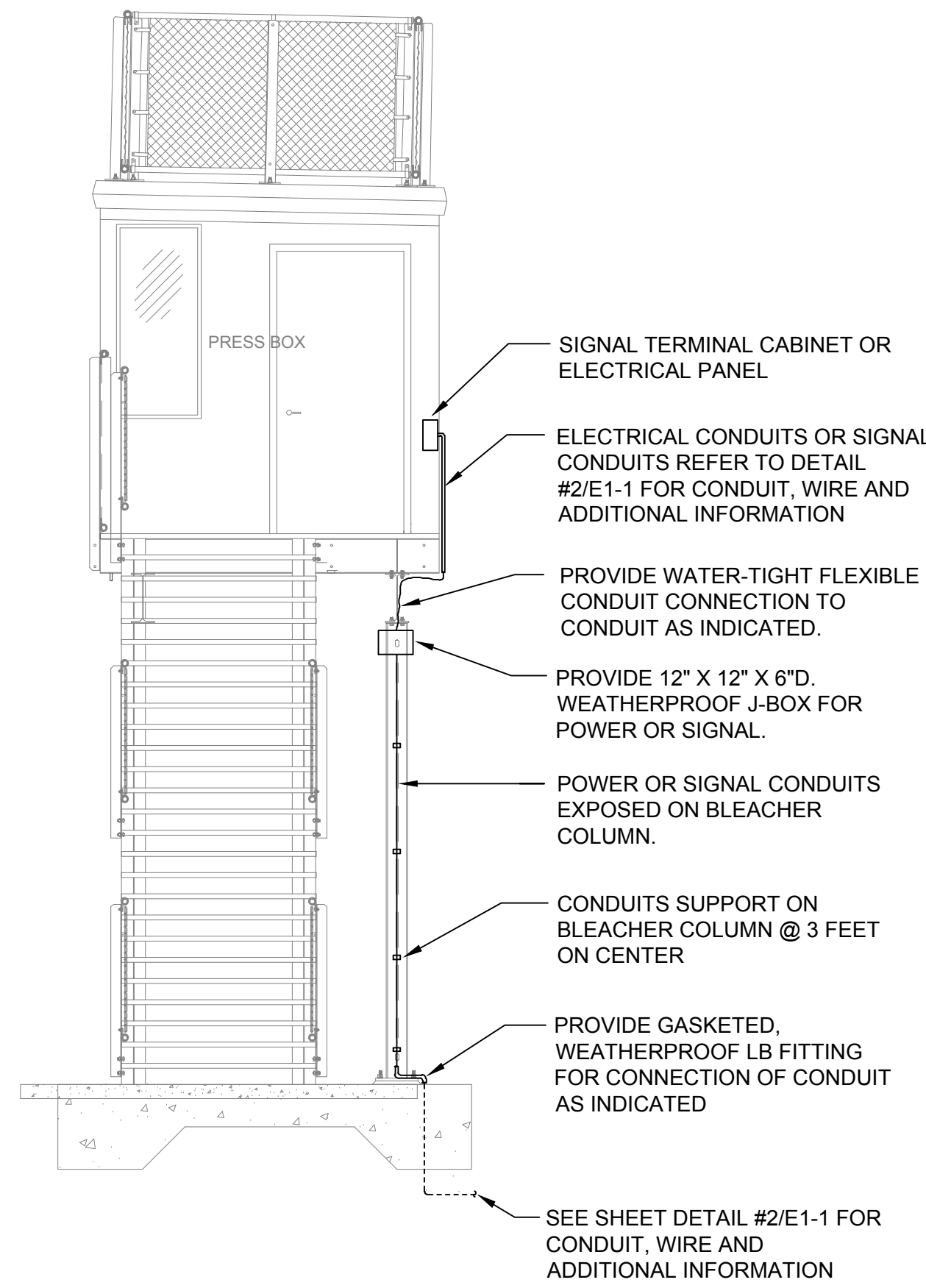
Sheet Title

ENLARGED SITE ELECTRICAL PLAN

Sheet Number

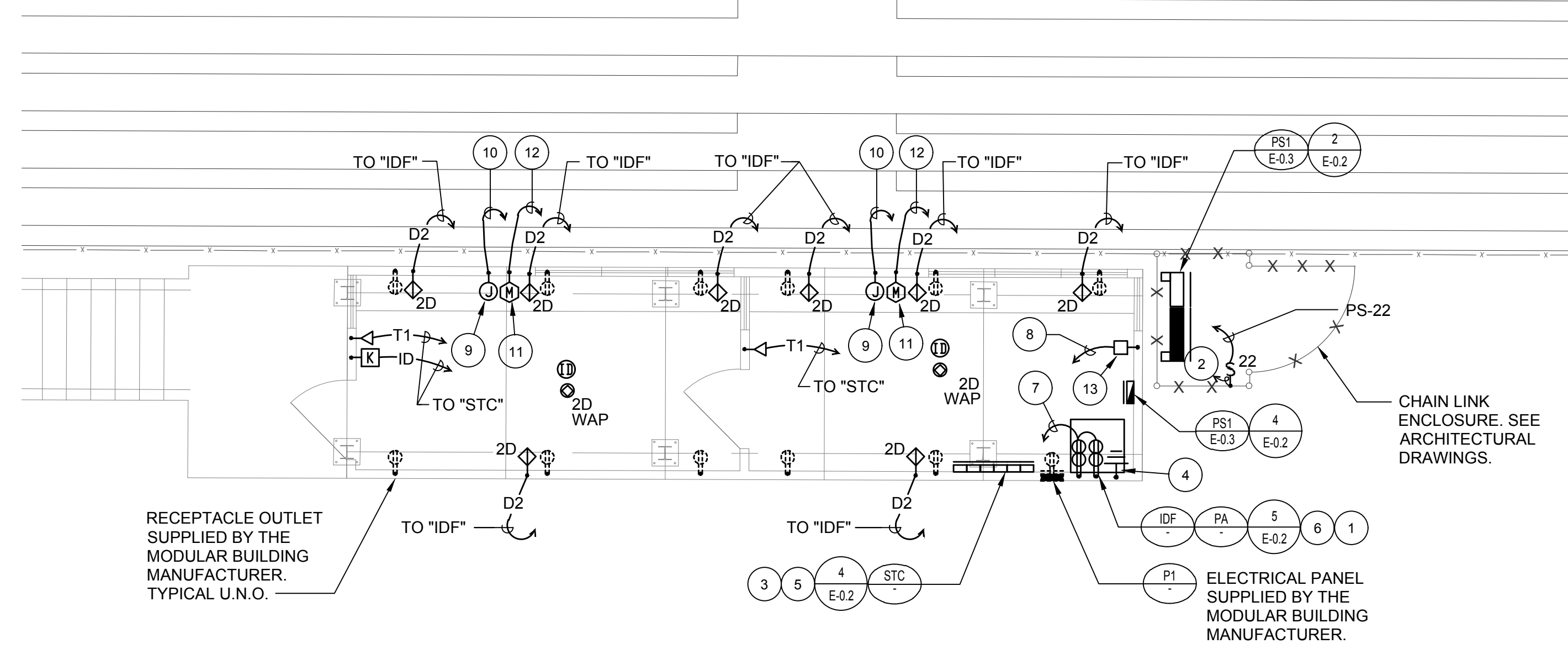
E-1.1

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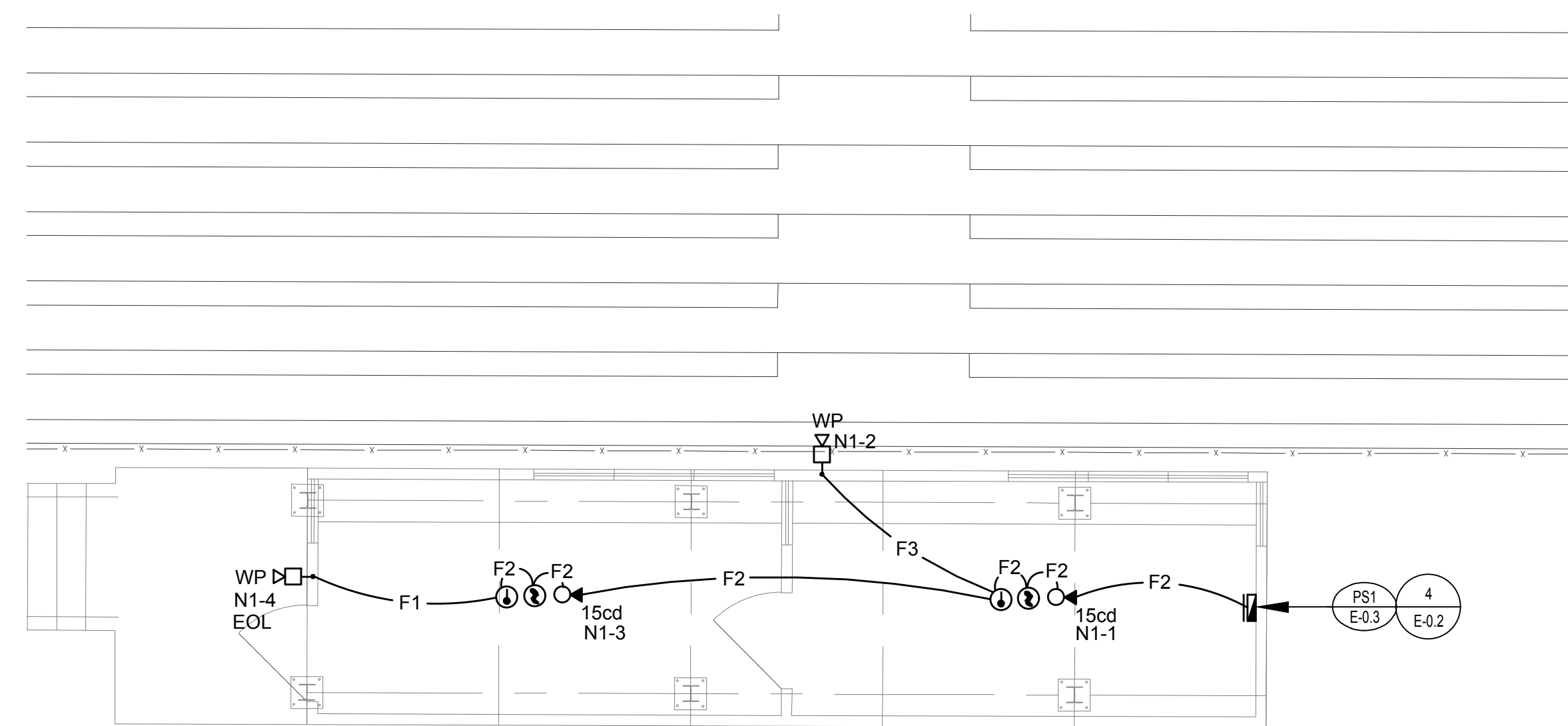
CONDUITS DOWN FROM PRESSBOX DETAIL

SCALE: NONE 3



PRESSBOX BUILDING ELECTRICAL PLAN

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



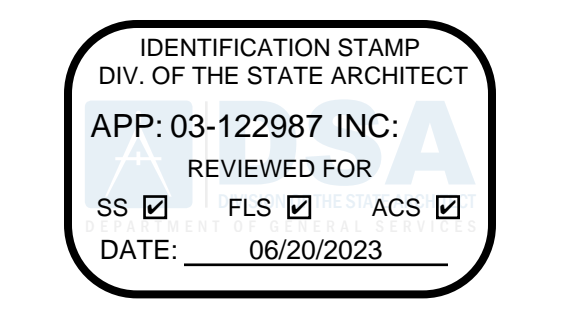
FIRE ALARM CONDUIT SCHEDULE		
SYMBOL	CONDUCTORS	SIZE
— F —	2#16TP (INITIATING)	3/4"C.
— F1 —	2#12 (NOTIFICATION)	3/4"C.
— F2 —	2#16TP (INITIATING) AND 2#12 (NOTIFICATION)	3/4"C.
— F3 —	4#12 (NOTIFICATION)	3/4"C.
— F4 —	2#16TP (INITIATING) AND 4#12 (NOTIFICATION)	3/4"C.
— F5 —	2#16TP (INITIATING) AND 6#12 (NOTIFICATION)	3/4"C.
— F6 —	8#12 (NOTIFICATION)	3/4"C.
— F7 —	2#16TP (INITIATING) AND 8#12 (NOTIFICATION)	3/4"C.

PRESSBOX BUILDING FIRE ALARM PLAN

SCALE: 1/4" = 1'-0" 2

PLAN NOTES

- 1 MOUNT THE STADIUM AUTONOMOUS PA RACK BELOW IDF RACK.
- 2 PROVIDE CONNECTION TO IRRIGATION CONTROLLER PER MANUFACTURER REQUIREMENT. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
- 3 ALL CONDUITS ENTERING PRESS BOX BUILDING FROM SITE SHALL TERMINATE AT "STC".
- 4 1#6 - 3/4"C. TO APPROVED GROUNDING LOCATION.
- 5 PROVIDE 42"L X 18"H X 6"D TERMINAL CABINET WITH 6" WIDE SEPARATE BARRIERED COMPARTMENT FOR TERMINATION OF TELEPHONE, DATA, FIRE ALARM, INTRUSION DETECTION, AUTONOMOUS PUBLIC ADDRESS, MICROPHONE, AND SPARE.
- 6 PROVIDE WALL MOUNTED "IDF" COMPUTER/DATA EQUIPMENT RACK 6" BELOW CEILING. PROVIDE 1#6 GRD - 3/4"C. TO APPROVED GROUNDING LOCATION.
- 7 PROVIDE 4#12, 1#12 GRD - 3/4"C. TO PRESSBOX BUILDING PANELBOARD FOR SPARE 120 VOLT CIRCUIT. PROVIDE TWO(2) 20A/1P CIRCUIT BREAKERS AND CONNECT AS REQUIRED. LOCATE ONE RECEPTACLE OUTLET IN IDF RACK AND ANOTHER ONE IN PA RACK.
- 8 PROVIDE 1" CONDUIT WITH STADIUM PUBLIC ADDRESS SPEAKER CONTROL AND AUDIO CABLING TO STADIUM SOUND SYSTEM RACK "PA".
- 9 PROVIDE J-BOX FOR FOOTBALL SCOREBOARD CONTROL OUTLET.
- 10 PROVIDE 1" CONDUIT FOR SCOREBOARD CONTROL CABLING. ROUTE CONDUIT THROUGH SIGNAL TERMINAL CABINET "PBTC".
- 11 PROVIDE J-BOX FOR FIELD MICROPHONE OUTLET.
- 12 PROVIDE 1" CONDUIT WITH FIELD MICROPHONE CABLING TO STADIUM SOUND SYSTEM RACK "SPA". ROUTE CONDUIT THROUGH SIGNAL TERMINAL CABINET "PBTC".
- 13 PROVIDE ON/OFF SWITCH, VOLUME CONTROL, AND AUDIO INPUT FOR PUBLIC ADDRESS SYSTEM.



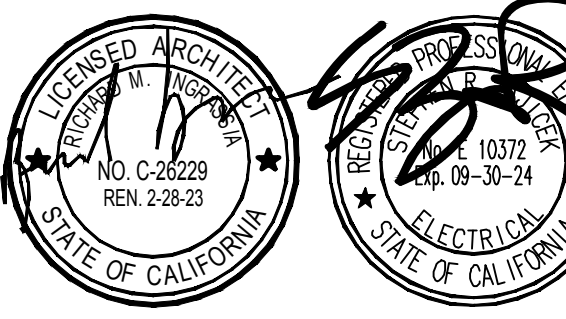
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 fbaing.com
 FBA Job Number: 1126 014

Sheet Title
PRESSBOX ELECT. PLANS

Sheet Number
E-2.0

CULVER CITY U.S.D.

CULVER CITY HIGH SCHOOL - PRESS BOX ADD

CULVER CITY, CALIFORNIA

<i>SHEET TITLE</i>	<i>SHEET NUMBER</i>
COVER PAGE	B1
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<i>HOME</i>	
FOOTING LAYOUT	B3
PIER DETAILS	B4
PIER DETAILS	B5
UNDERSTRUCTURE LAYOUT	B6
ELEVATION VIEWS	B7
SECTION VIEWS	B8
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PRESS BOX LAYOUT	B11
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PRESS BOX DETAILS	B14
PRESS BOX DETAILS	B15
REFLECTED CEILING PLAN	B16
APPENDIX "A" - MATERIAL SPECS	B17
PLANK DETAILS	B18
EXIT DETAILS	B19
DETAILS	B20

#22377 - CULVER CITY, CALIFORNIA



PO Box One, Graham, Texas 76450
 801 Fifth Street.
 Phone: 940/549-0733 Fax: 940/549-1365

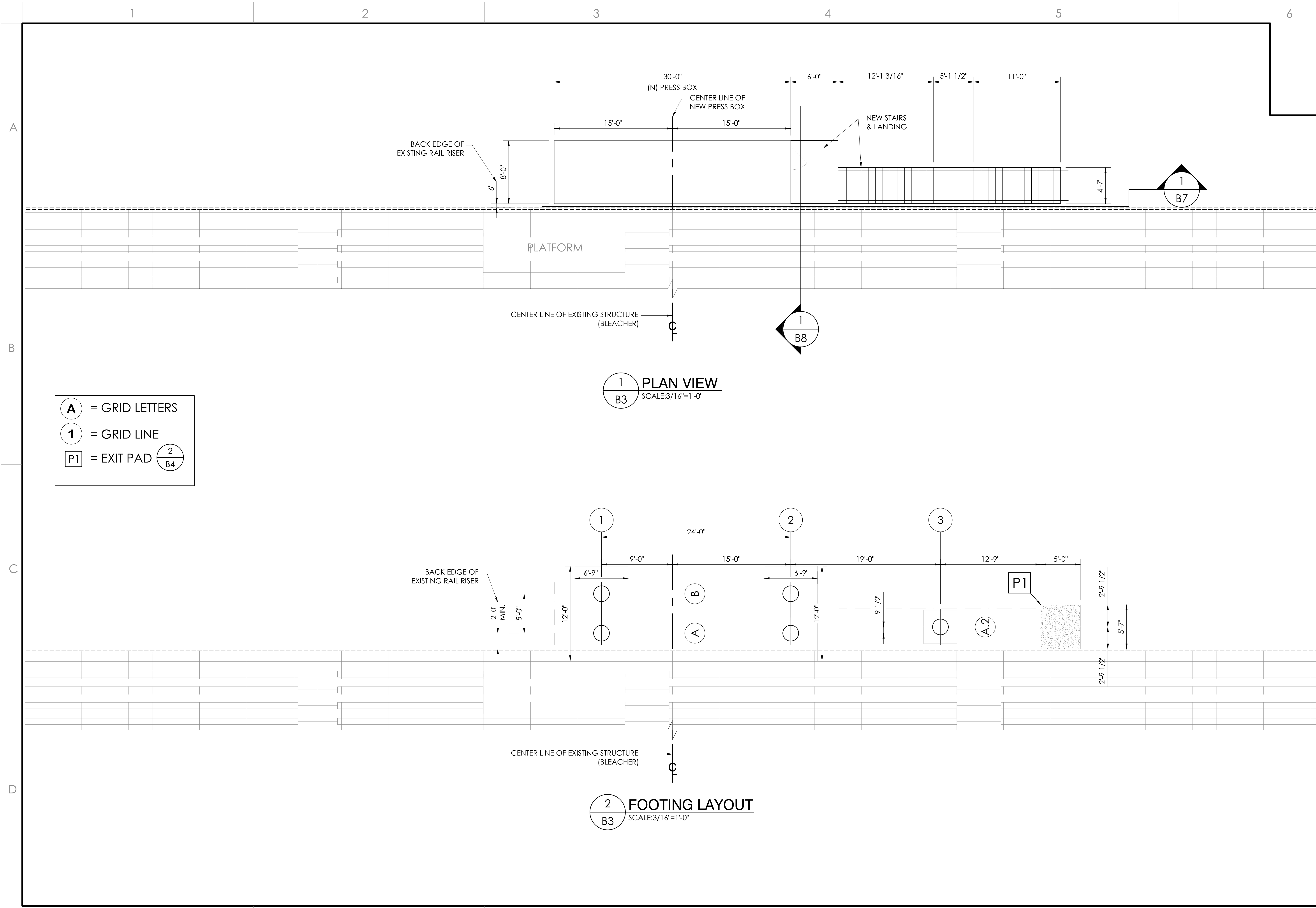
Established 1946

GENERAL INFORMATION

LENGTH: 8'-0" X 30'-0"

DATE: 2/14/23
 JOB #22377R1
 CULVER CITY U.S.D.
 CULVER CITY HIGH SCHOOL - PRESS BOX ADD
 CULVER CITY, CALIFORNIA





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 BLEACHER COMPANY
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 ESTABLISHED 1946

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PO Box One, Graham, Texas 76450
 801 Fifth Street
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Principal: Brian T. Dent
 S 6067 Exp. 06/30/23
 STATE OF CALIFORNIA
 Structural
 Signed: 06/24/23

FOOTING LAYOUT AND PLAN VIEW
 8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE

CULVER CITY U.S.D.
 CULVER CITY H.S. - PRESS BOX ADD
 CULVER CITY, CALIFORNIA

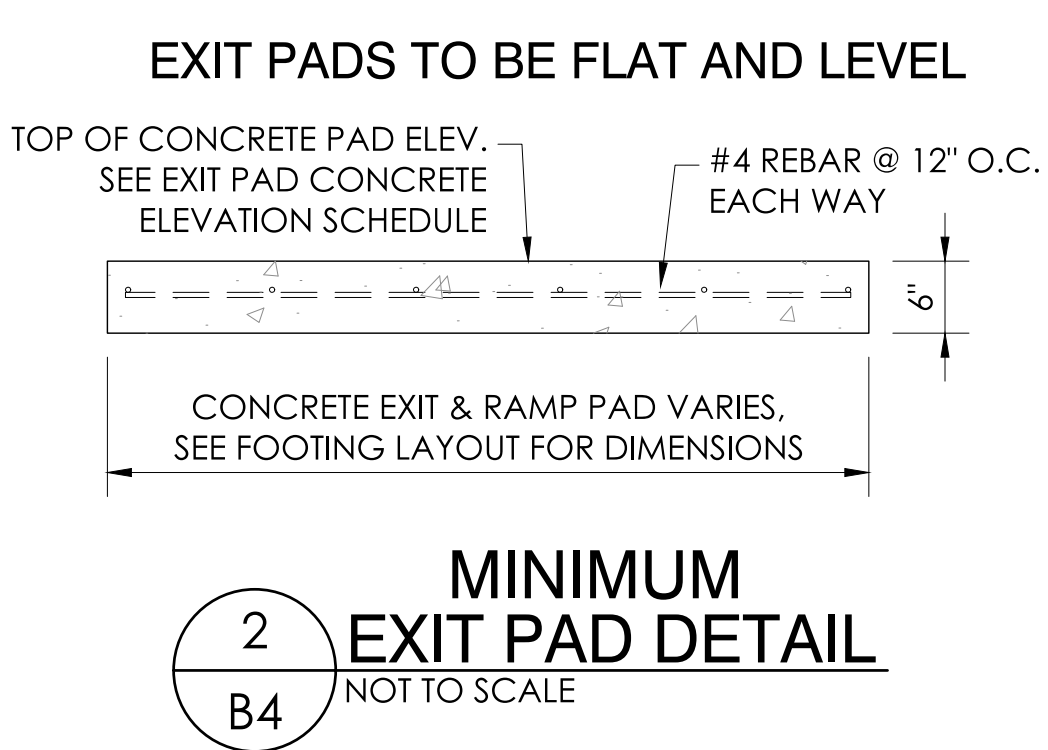
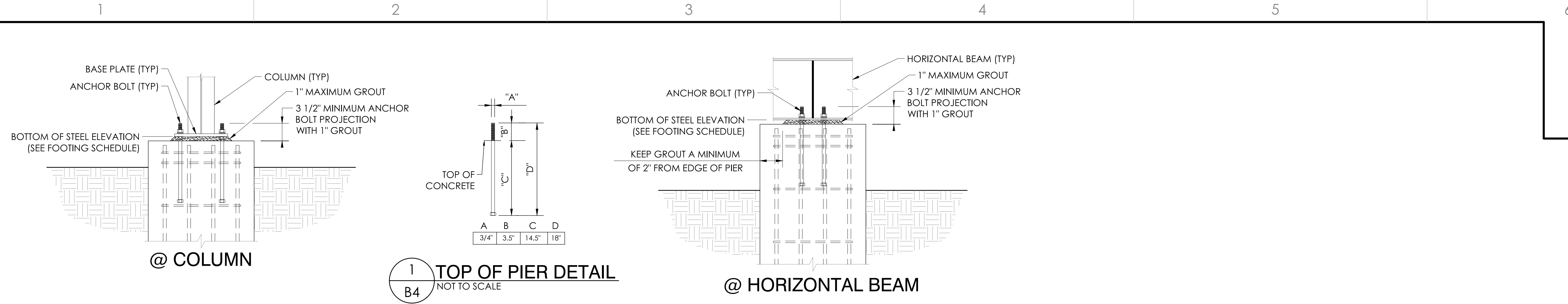
REV	BY	DATE	DESCRIPTION
1	JGS/RSST	2/14/23	DMC

JOB NUMBER: #223777

SHEET: B3 OF: B20

22" X 34" (11) X 17
 = 1/2" indicated scale)



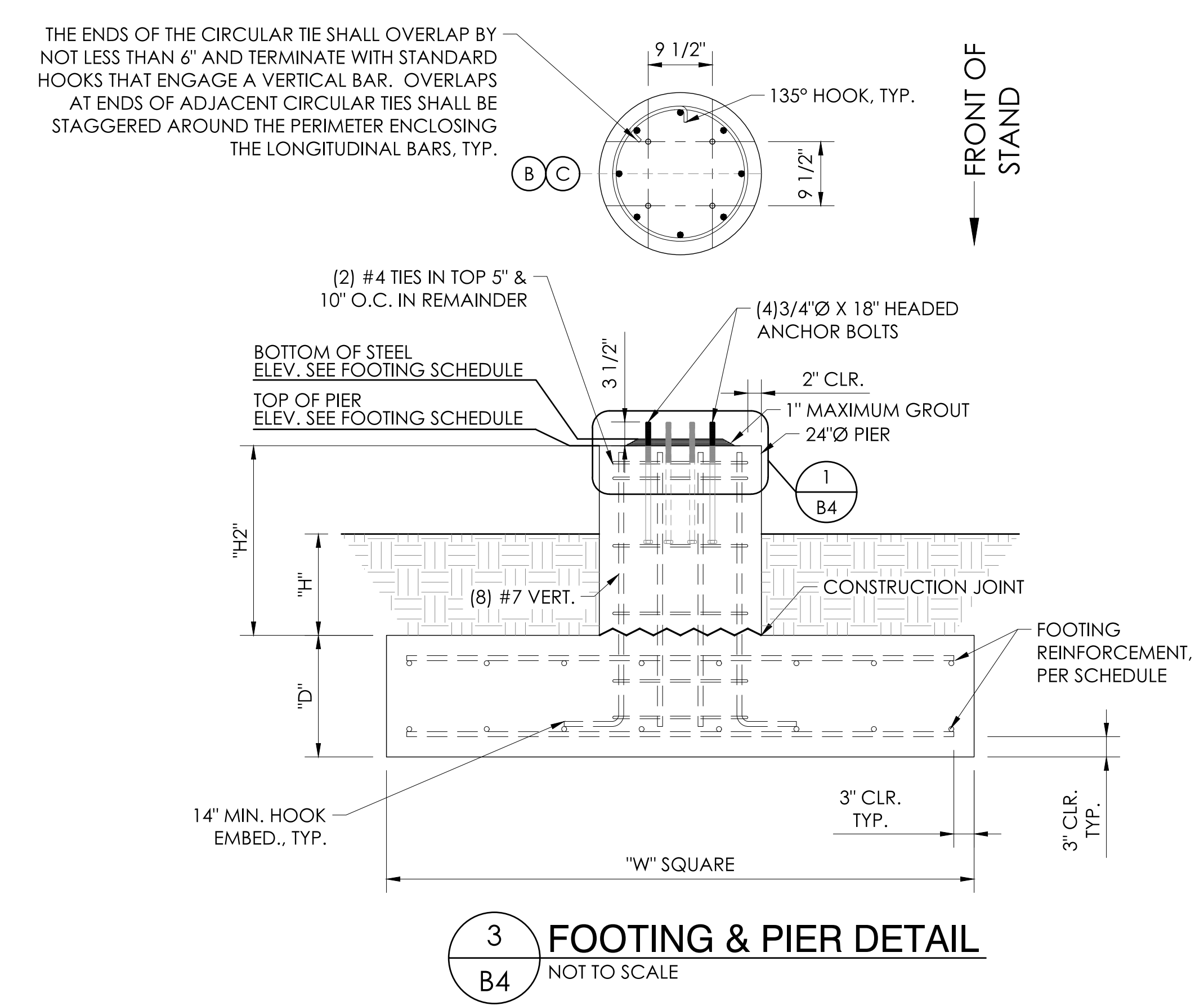


EXIT PAD CONCRETE ELEVATION SCHEDULE

(P = CONCRETE PAD)	TOP OF CONCRETE ELEV.
P1	SEE SECTION VIEW 1/B7

FOOTING SCHEDULE

FOOTING # (A = GRID LETTER)	T.O.P. ELEV.	B.O.S. ELEV.	GROUT	"H"	"D"	"H2"	"W"	FOOTING REINFORCEMENT	PIER DIAMETER	ANCHOR BOLTS
A-1, A-2, B-1, B-2	SEE SECTION VIEW 1/B8		1"	14"	20"	26" MAX.	6'-9" X 12'-0"	#6 @ 12" O.C. EACH WAY TOP & BOTTOM	24"Ø	(4)3/4"Ø X 18" HEADED
A.2-3	SEE SECTION VIEW 1/B8		1"	14"	19"	26" MAX.	5'-3 X 5'-3"	(5) #6 EACH WAY BOTTOM	24"Ø	(4)3/4"Ø X 18" HEADED



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 801 Fifth Street
 Phone: 817-549-1733 Fax: 817-549-1565
 Established 1946

Southern BLEACHER COMPANY
 GRANDSTANDS • BLEACHERS • STADIUMS

REGISTERED PROFESSIONAL ENGINEER
 Brian T. Dent
 S 6067 Exp. 06/30/28
 STATE OF CALIFORNIA
 Signed 06/24/23 PRINCIPAL

PIER DETAILS
 8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE
 CULVER CITY U.S.D.
 CULVER CITY H.S. - PRESS BOX ADD
 CULVER CITY, CALIFORNIA

REV	BY	DATE	DESCRIPTION
1	JGS/RSST	2/14/23	DMC

JOB NUMBER **#22377**

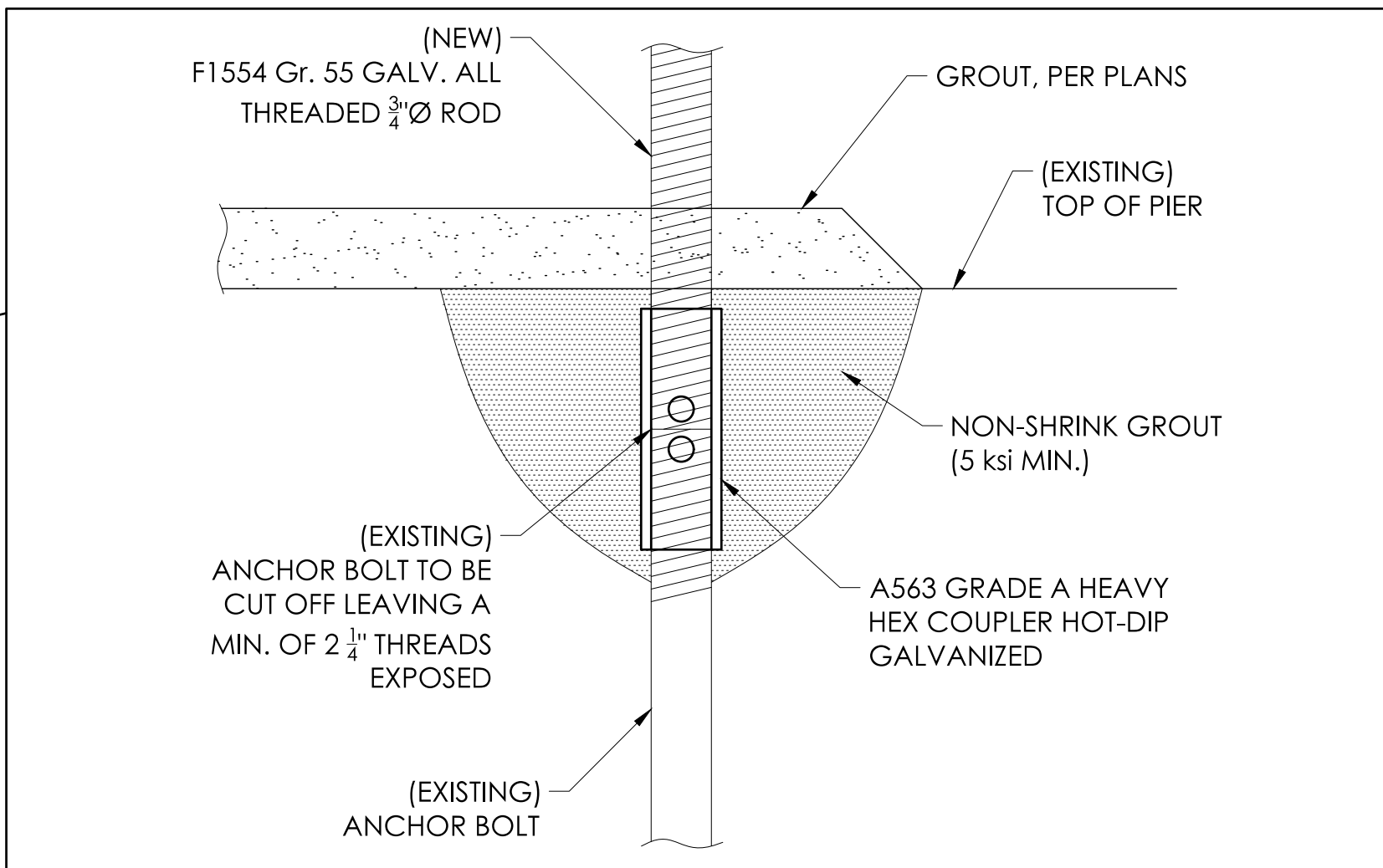
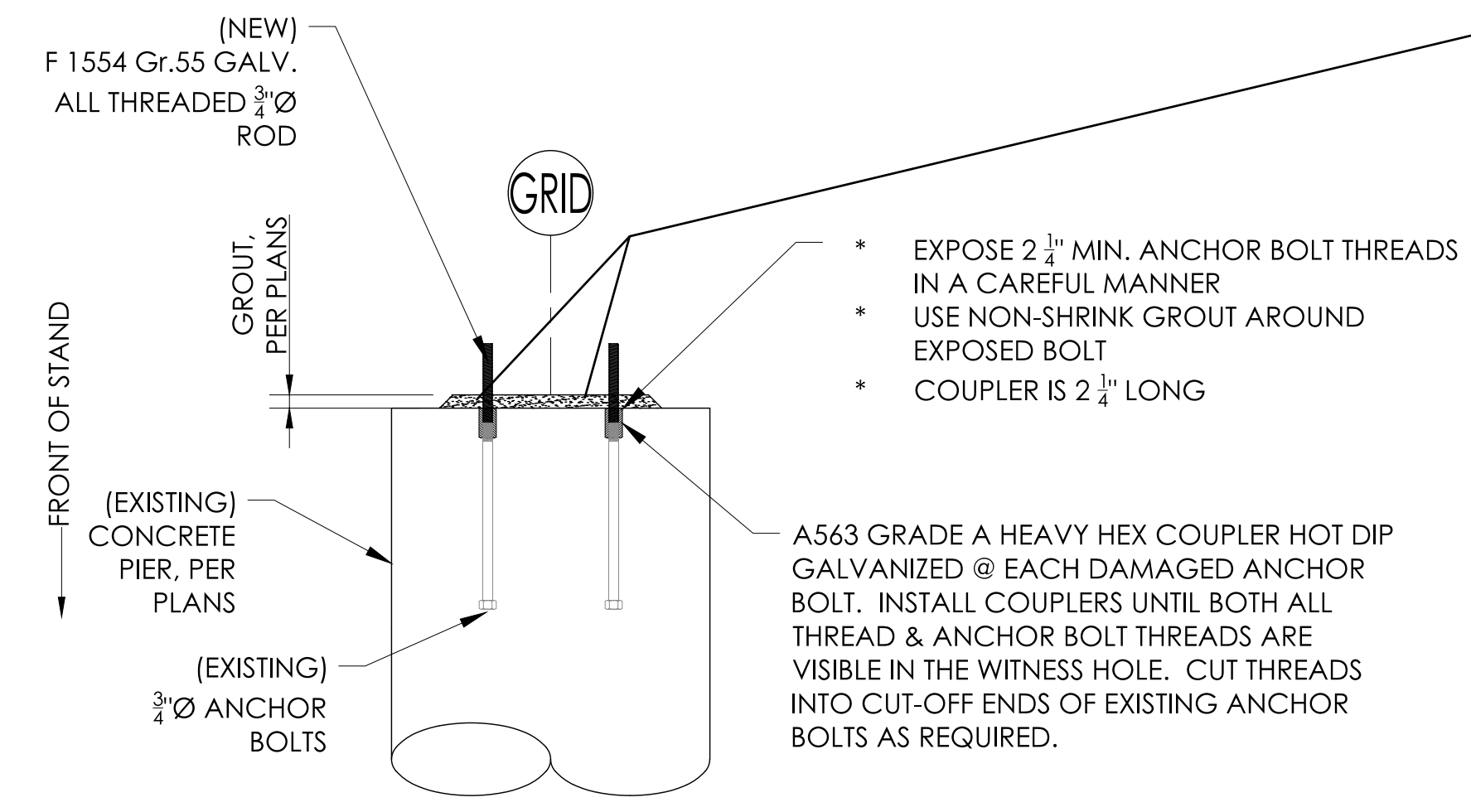
SHEET **B4** OF **B20**

22" X 34" (11x17)
 = 1/2" indicated scale

1 2 3 4 5 6

A

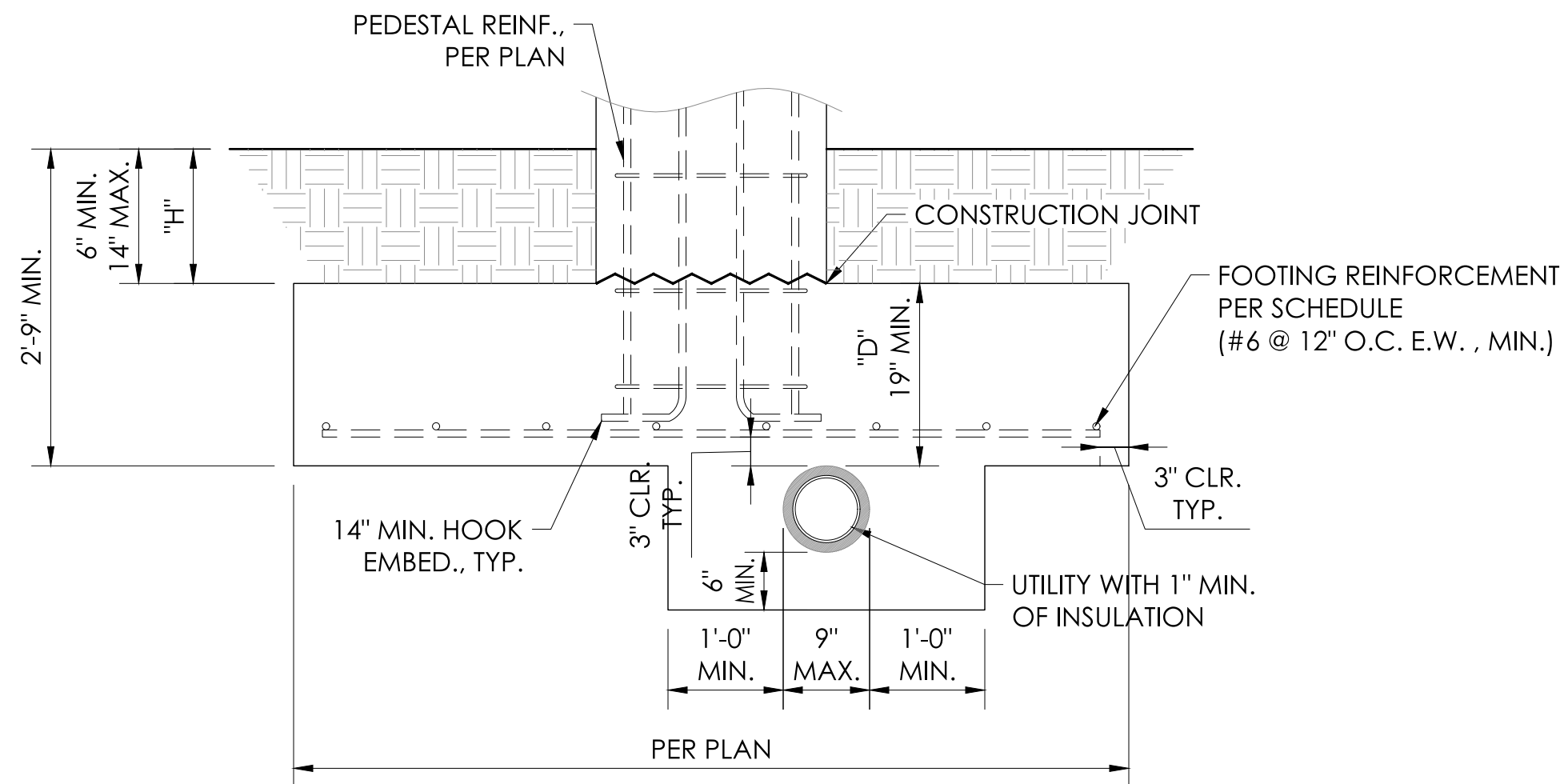
B



1
B5
DETAIL @ DAMAGED 3/4"Ø F1554 Gr. 55 BOLTS
NOT TO SCALE

DETAIL TO BE USED IF REQUIRED

C



2
B5
FOOTING DETAIL @ UTILITY
NOT TO SCALE

DETAIL TO BE USED IF REQUIRED

1 2 3 4 5 6

A

B

C

D

STRUCTURAL ENGINEERS
 TAYLOR & SYFAN
 553 S. Oak Knoll Ave. Pasadena, CA 91101
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 Fax: 818.792.2289
 http://www.tsyfan.com

REGISTERED PROFESSIONAL ENGINEER
 BRIAN T. DEAN
 S 6067 Exp. 06/30/23
 STATE OF CALIFORNIA
 Signed 06/24/23
 PRINCIPAL

PO Box One, Graham, Texas 76450
 801 Fifth Street
 Phone: 940.549.1733 Fax: 940.549.1565
 ESTABLISHED 1946
 TAYLOR & SYFAN
 SOUTHERN BLEACHER COMPANY
 GRANDSTANDS • BLEACHERS • STADIUMS

PIER DETAILS
 8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE
 CULVER CITY U.S.D.
 CULVER CITY H.S. - PRESS BOX ADD
 CULVER CITY, CALIFORNIA

REV	BY	DATE	DESCRIPTION
1	JGS/RSST	2/14/23	DMC

JOB NUMBER #22377

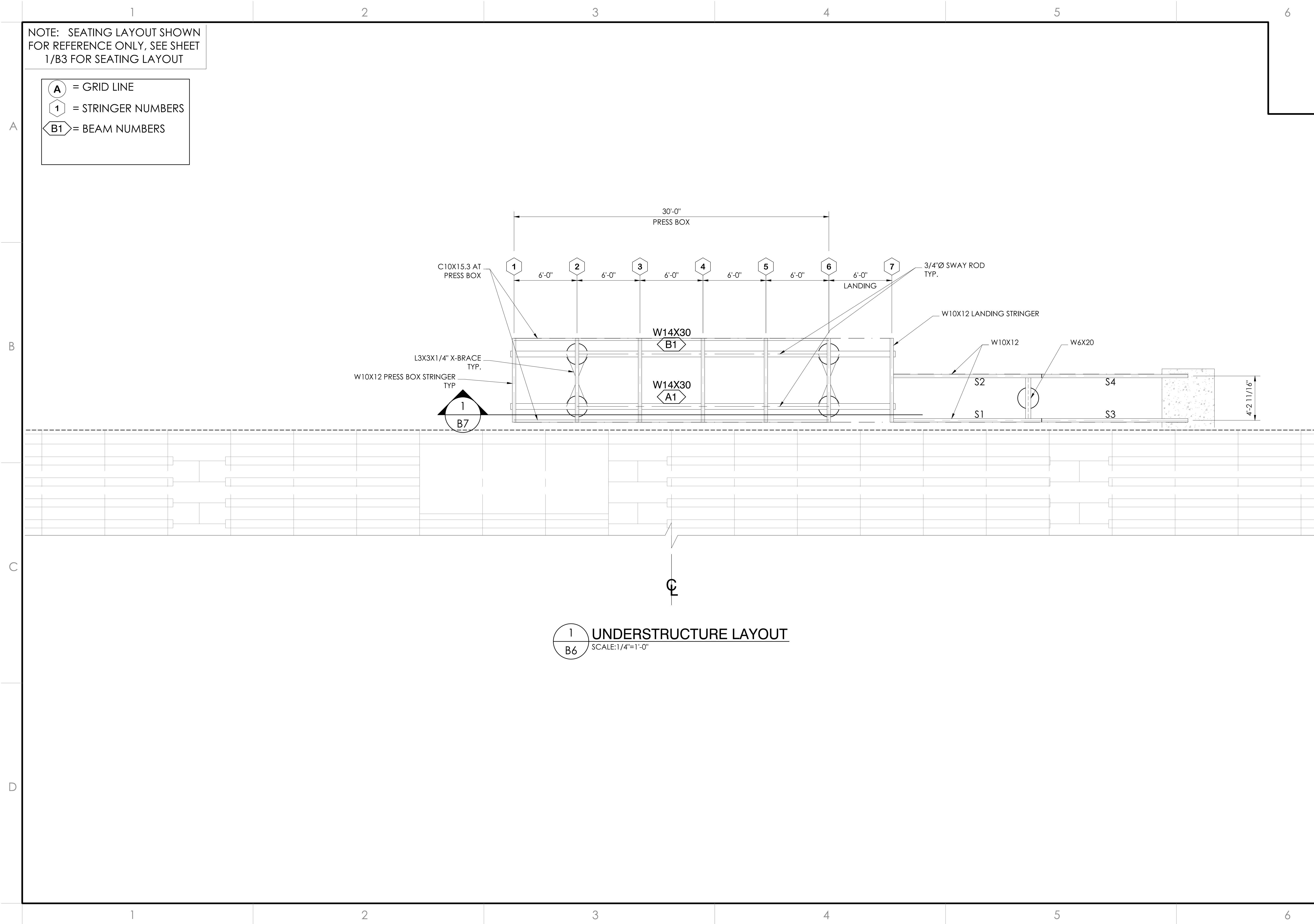
SHEET B5 OF B20

22" X 34" (11) X 17
 = 1/2" (indicated scale)



NOTE: SEATING LAYOUT SHOWN FOR REFERENCE ONLY, SEE SHEET 1/B3 FOR SEATING LAYOUT

Ⓐ = GRID LINE
 ① = STRINGER NUMBERS
 ⓁB1 = BEAM NUMBERS



1 UNDERSTRUCTURE LAYOUT
 B6 SCALE: 1/4"=1'-0"

STRUCTURAL ENGINEERS
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 553 S. Oak Knoll Ave. Pasadena, CA 91101
 Phone: 949/449-1566
 Fax: 949/449-1565
 www.taylorandsyfan.com

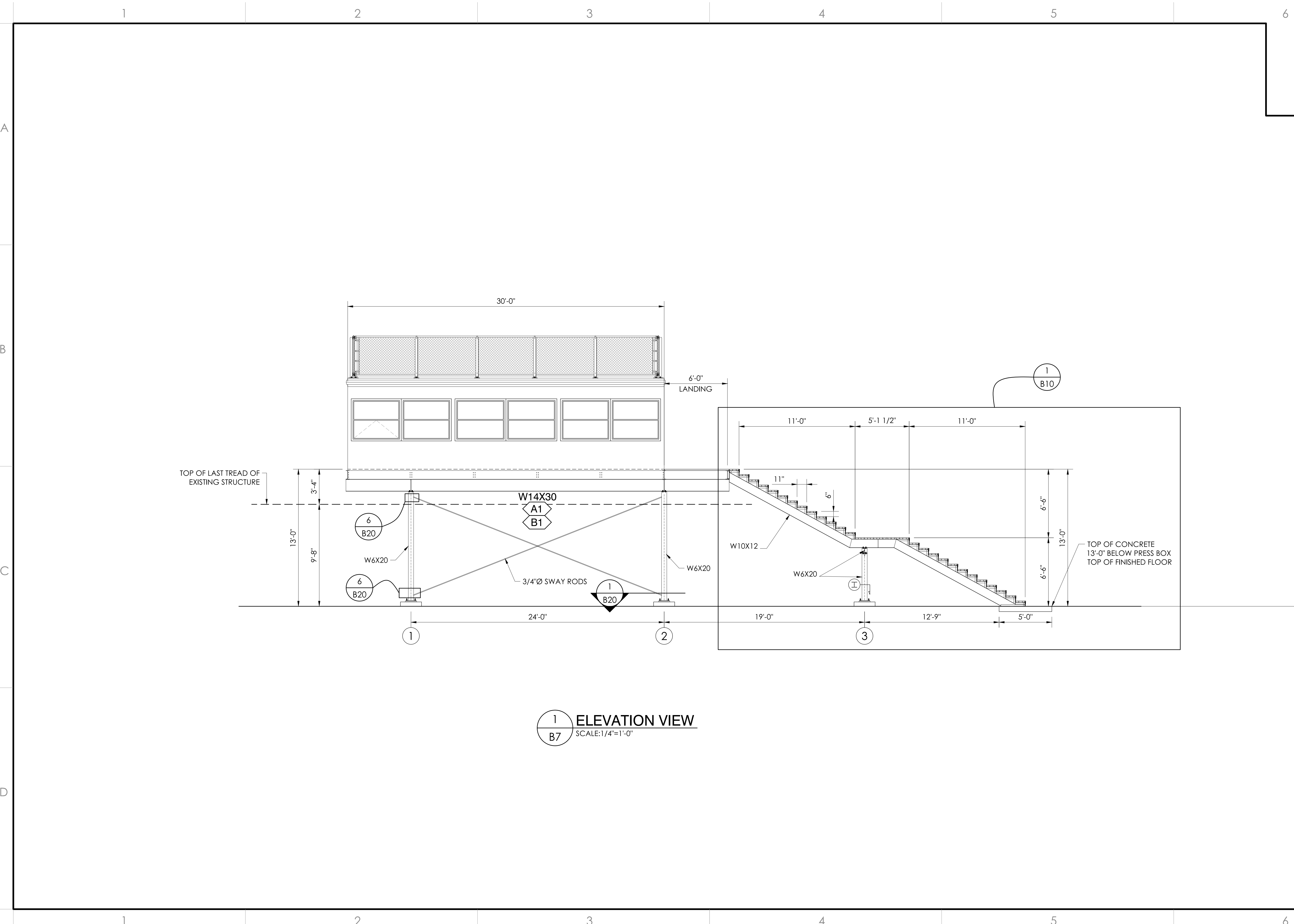
REGISTERED PROFESSIONAL ENGINEER
 BOB T. DEW
 S 6067
 Exp. 06/30/23
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 Signed: 06/24/23
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UNDERSTRUCTURE LAYOUT
 8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE
 CULVER CITY U.S.D.
 CULVER CITY H.S. - PRESS BOX ADD
 CULVER CITY, CALIFORNIA

REV	BY	DATE	DESCRIPTION

DATE: 2/14/23
 DESIGNED: JGS/RSST
 CHECKED: DMC
 JOB NUMBER: #22377
 SHEET: B6 OF: B20
 22" X 34" (11) X 17
 = 1/2" indicated scale)



1
B7 ELEVATION VIEW
 SCALE: 1/4"=1'-0"

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Professional Seal:
 REGISTERED PROFESSIONAL ENGINEER
 Brian T. Dent
 S 6067 Exp. 06/30/23
 STRUCTURAL ENGINEER
 STATE OF CALIFORNIA
 Signed: 06/24/23
 PRINCIPAL

DESCRIPTION:
 ELEVATION VIEW
 8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE

CLIENT:
 CULVER CITY U.S.D.
 CULVER CITY H.S. - PRESS BOX ADD
 CULVER CITY, CALIFORNIA

REV	BY	DATE	DESCRIPTION

DATE: 2/14/23 **DESIGNED BY:** JGS/RSST **CHECKED BY:** DMC

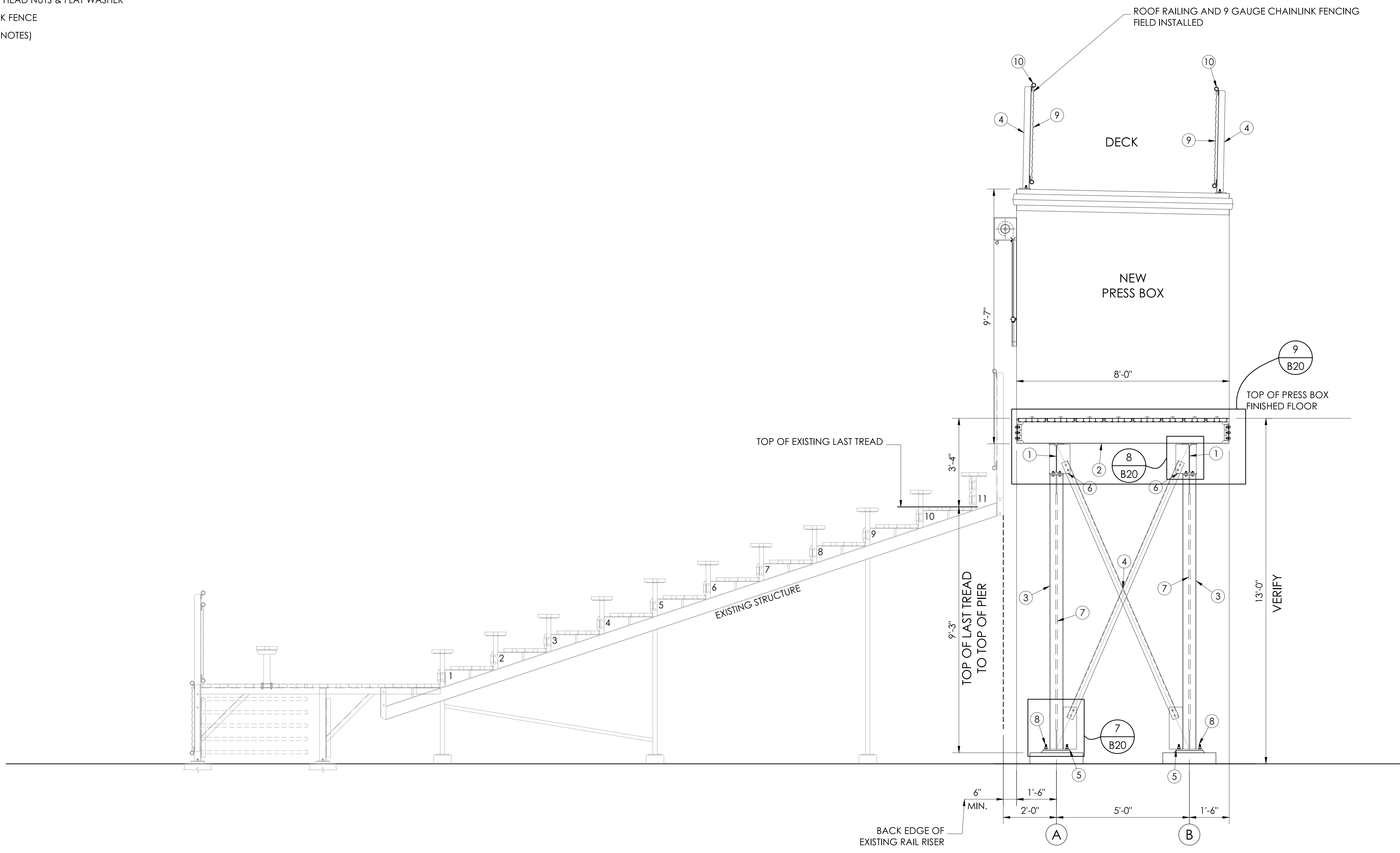
JOB NUMBER: #22377

SHEET: B7 **OF:** B20

22" X 34" (11 X 17)
 = 1/2" (indicated scale)



- "H" BEAM
 ITEM DESCRIPTION
 ① W 14 X 30 (50 ksi)
 ② W 10 X 12 (50 ksi)
 ③ W 6 X 20 (50 ksi)
 ④ L 3 X 3 X 1/4 (50 ksi)
 ⑤ 12 X 12 X 5/8 PLATE
 ⑥ 6 X 8 X 3/8 PLATE
 ⑦ 3/4 X REQ'D LENGTH SWAY ROD (50 ksi)
 ⑧ 3/4 X 18 ANCHOR BOLT W/2 HEX HEAD NUTS & FLAT WASHER
 ⑨ 9 GAUGE GALV. STEEL CHAINLINK FENCE
 ⑩ ANODIZED ALUMINUM RAIL (SEE NOTES)
 ⑪ 5 X 3/8 GUSSET PLATE (A36)



1 SECTION VIEW
 B8 SCALE: 1/2" = 1'-0"

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 STRUCTURAL
 STATE OF CALIFORNIA
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SECTION VIEW
 8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE

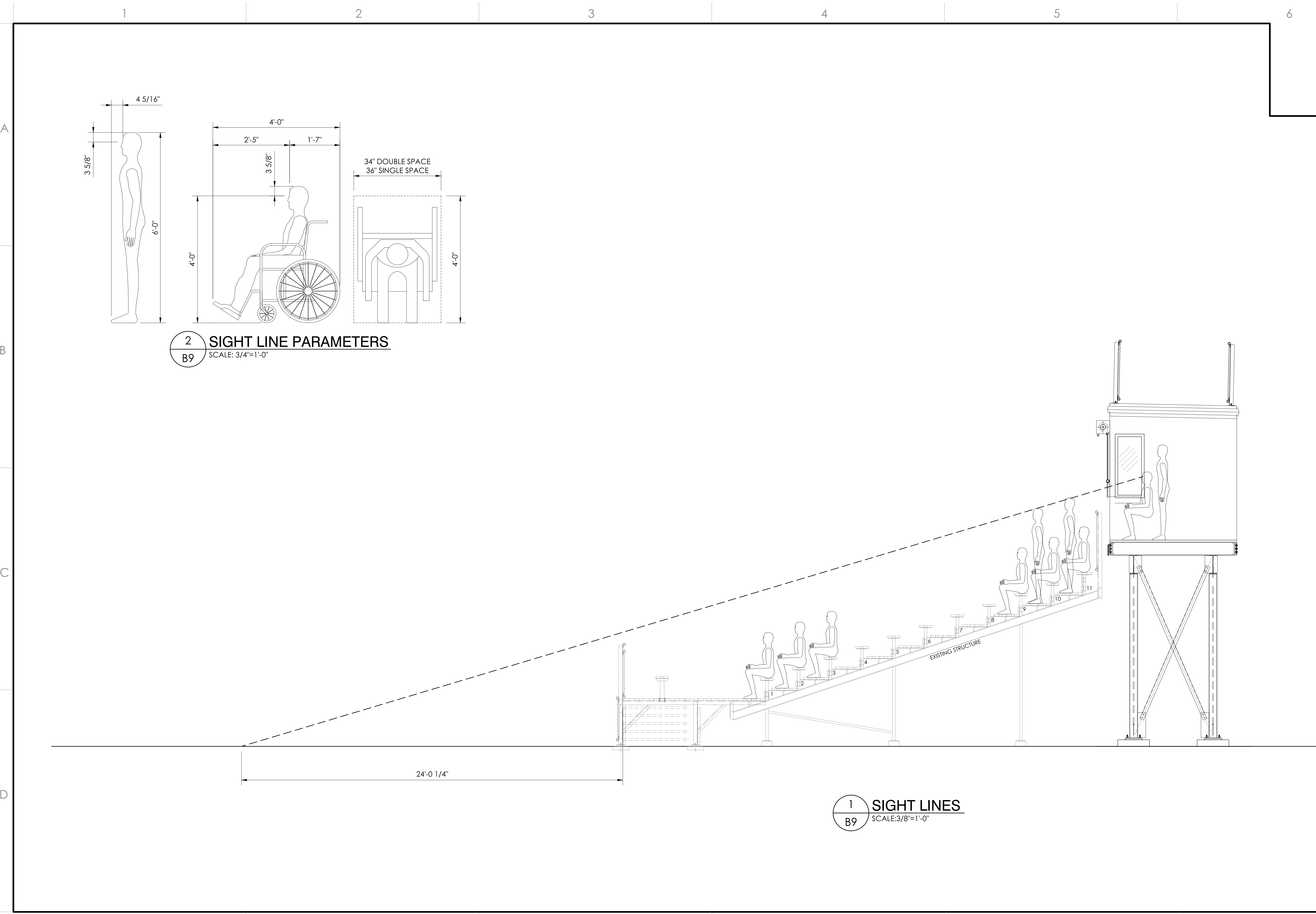
CULVER CITY U.S.D.
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REV	BY	DATE	DESCRIPTION
1	JGS/RSST	2/14/23	DMC

JOB NUMBER #22377

SHEET B8 OF B20

22" X 34" (11 X 17)
 = 1/2" indicated scale)



2 SIGHT LINE PARAMETERS
 SCALE: 3/4"=1'-0"

1 SIGHT LINES
 SCALE: 3/8"=1'-0"

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 STATE OF CALIFORNIA
 Signed: 06/24/23 PRINCIPAL

SIGHT LINES
 8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE
 CULVER CITY U.S.D.
 CULVER CITY H.S. - PRESS BOX ADD
 CULVER CITY, CALIFORNIA

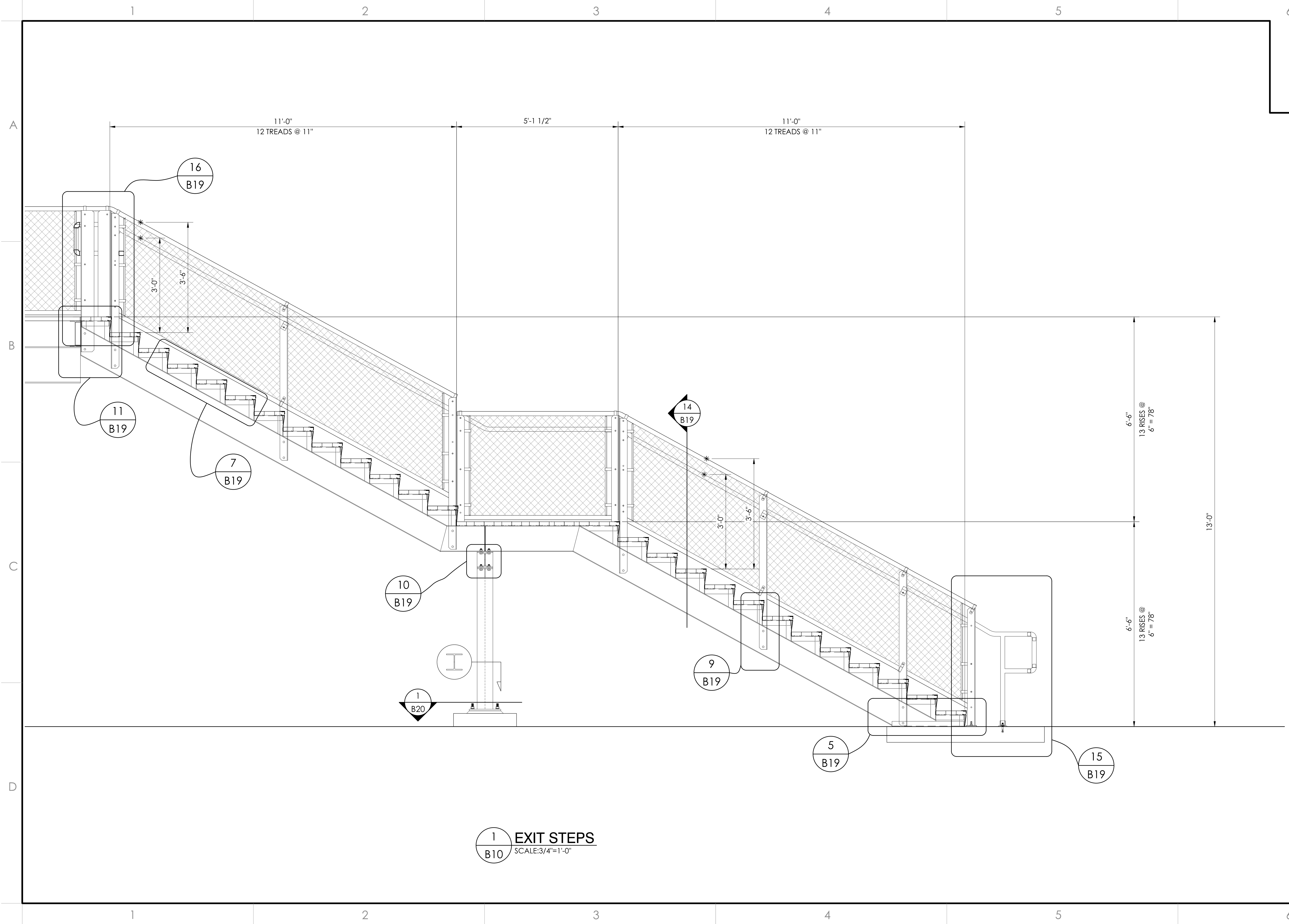
REV	BY	DATE	DESCRIPTION
1	JGS/RSST	2/14/23	ISSUED FOR PERMIT

JOB NUMBER
#22377

SHEET **B9** OF **B20**

22" X 34" (11) X 17
 = 1/2 (indicated scale)





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BLEACHER COMPANY
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REGISTERED PROFESSIONAL ENGINEER
 BRANT T. DENN
 S 6057
 Exp. 06/30/23
 STRUCTURAL
 STATE OF CALIFORNIA
 Signed: 06/24/23
 PRINCIPAL

EXIT STEPS
 8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE

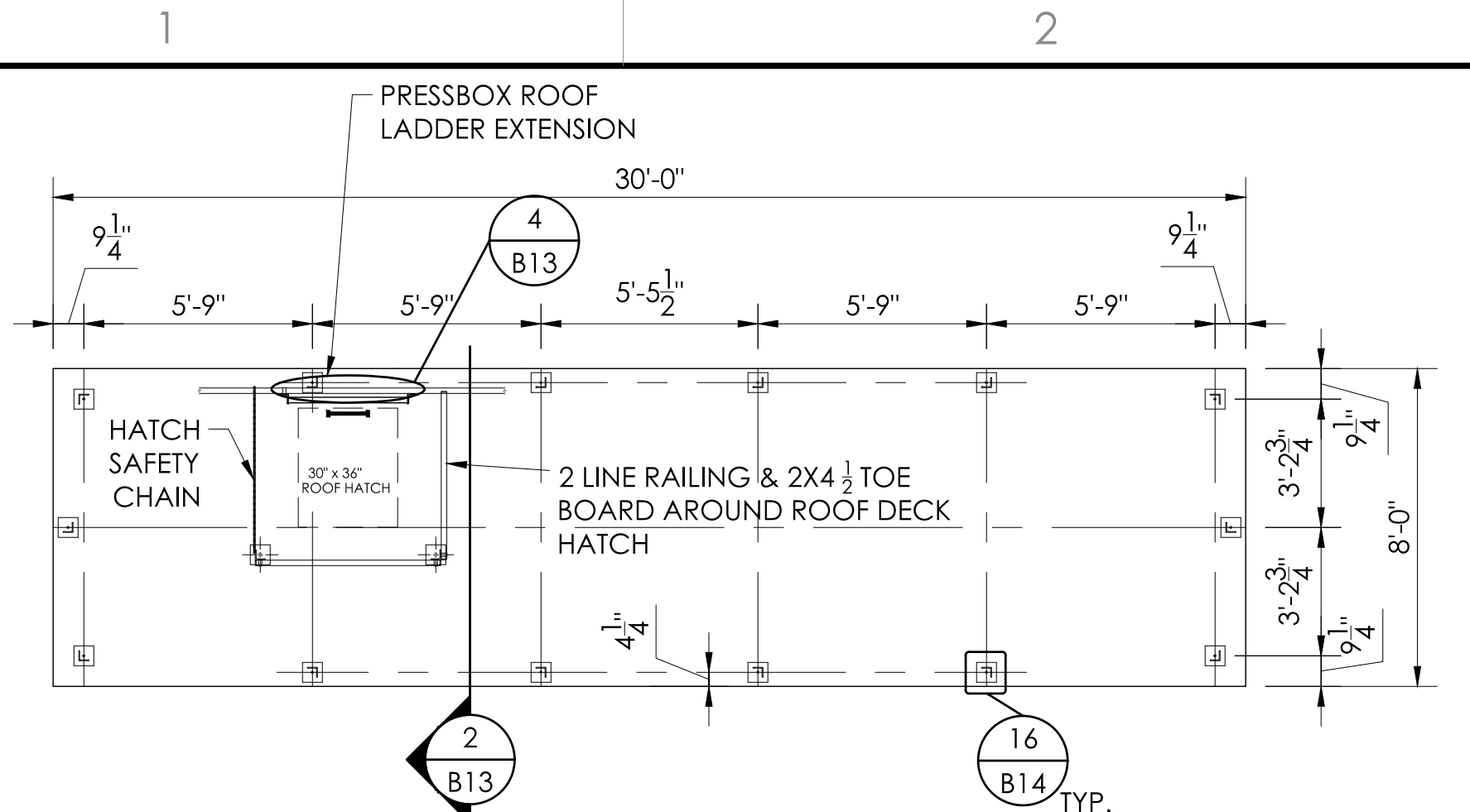
CULVER CITY U.S.D.
 CULVER CITY H.S. - PRESS BOX ADD
 CULVER CITY, CALIFORNIA

REV	BY	DATE	DESCRIPTION
1	JGS/RSST	2/14/23	DMC

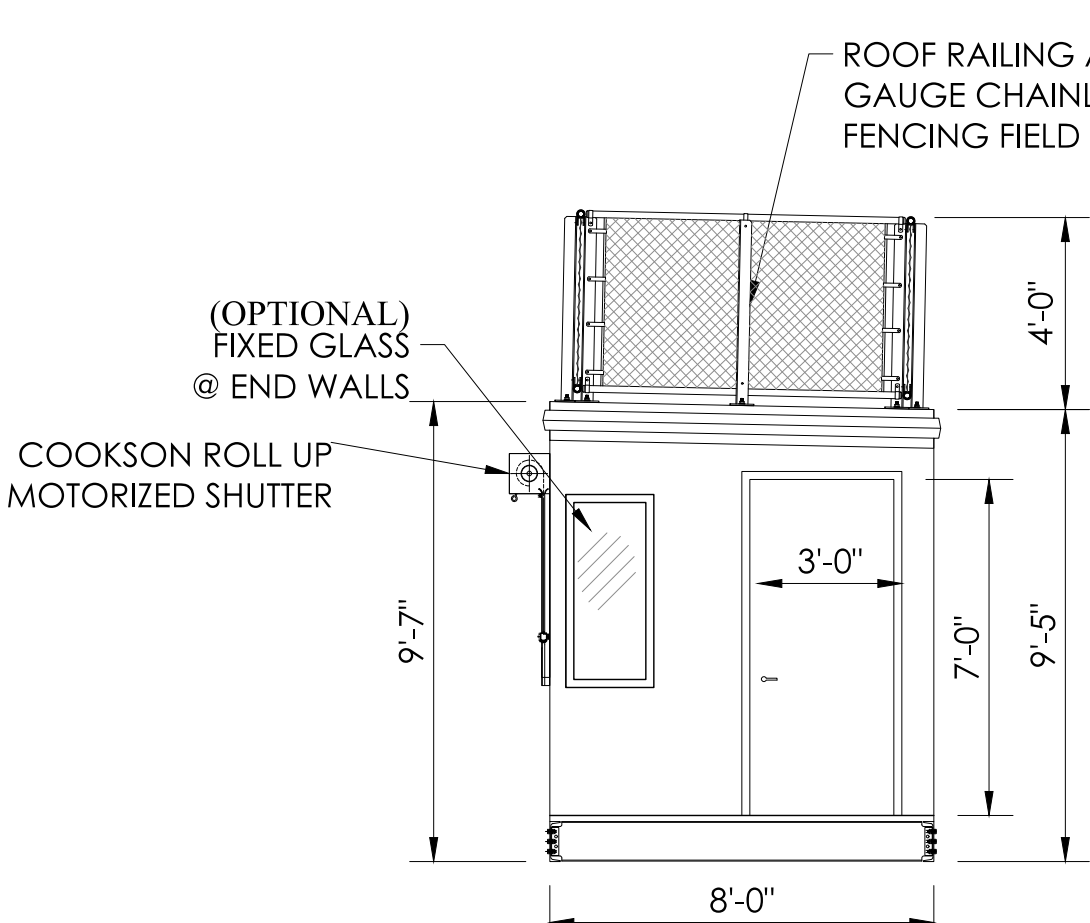
JOB NUMBER
#22377

SHEET
B10 OF
B20

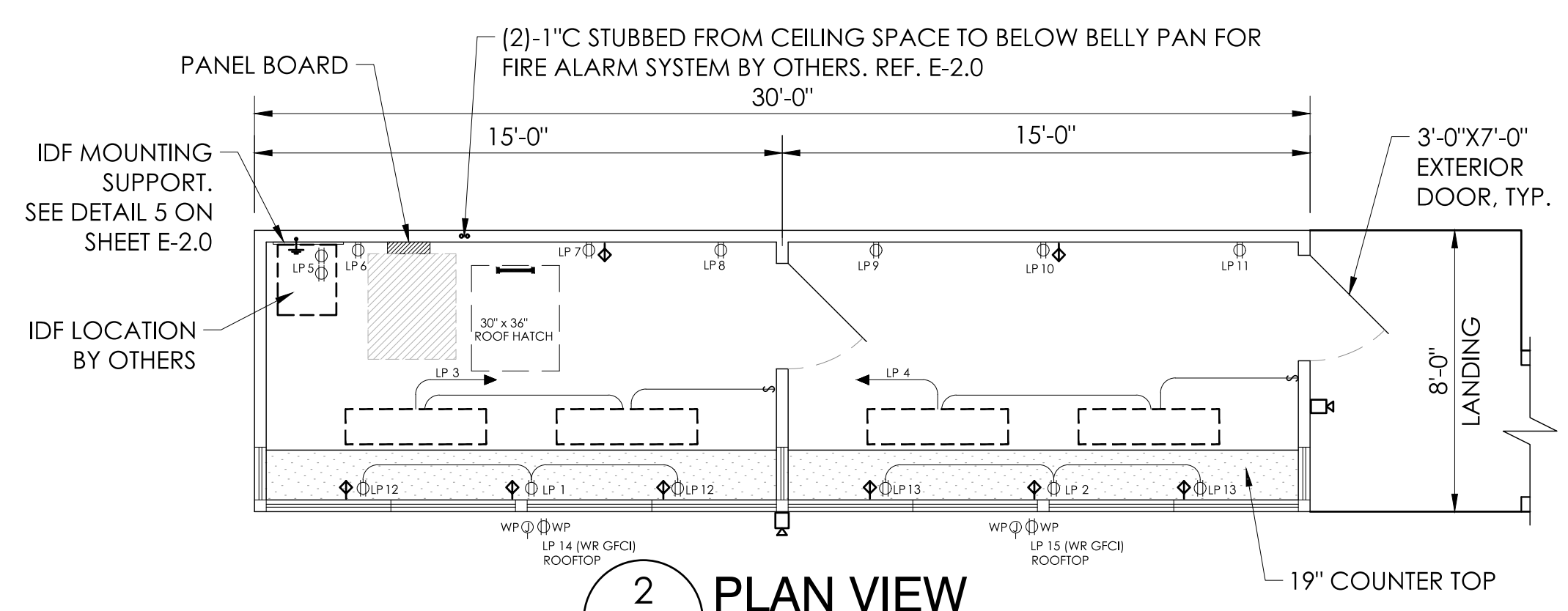
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 = 1/2" (indicated scale)



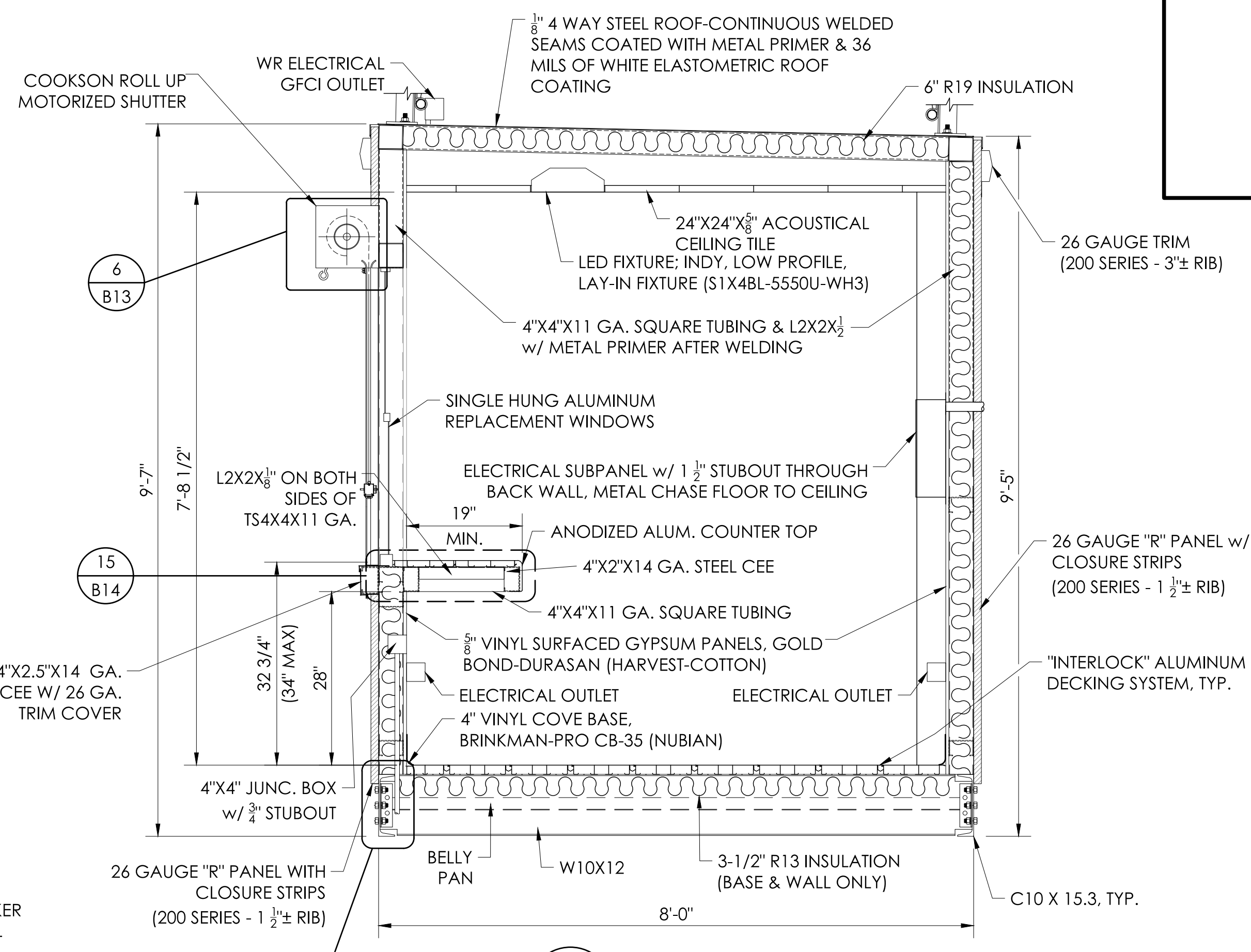
1 ROOF RAIL LAYOUT
 SCALE: 1/4"=1'-0"



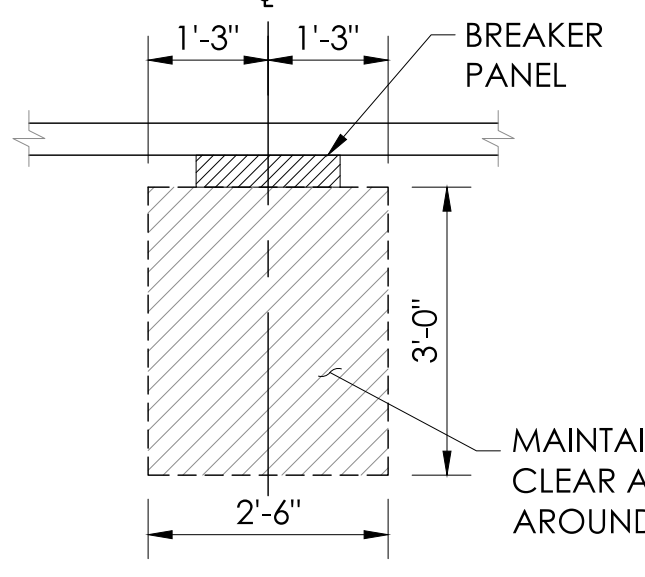
5 SIDE VIEW
 SCALE: 1/4"=1'-0"



2 PLAN VIEW
 SCALE: 1/4"=1'-0"



6 SECTION VIEW
 SCALE: 3/4"=1'-0"

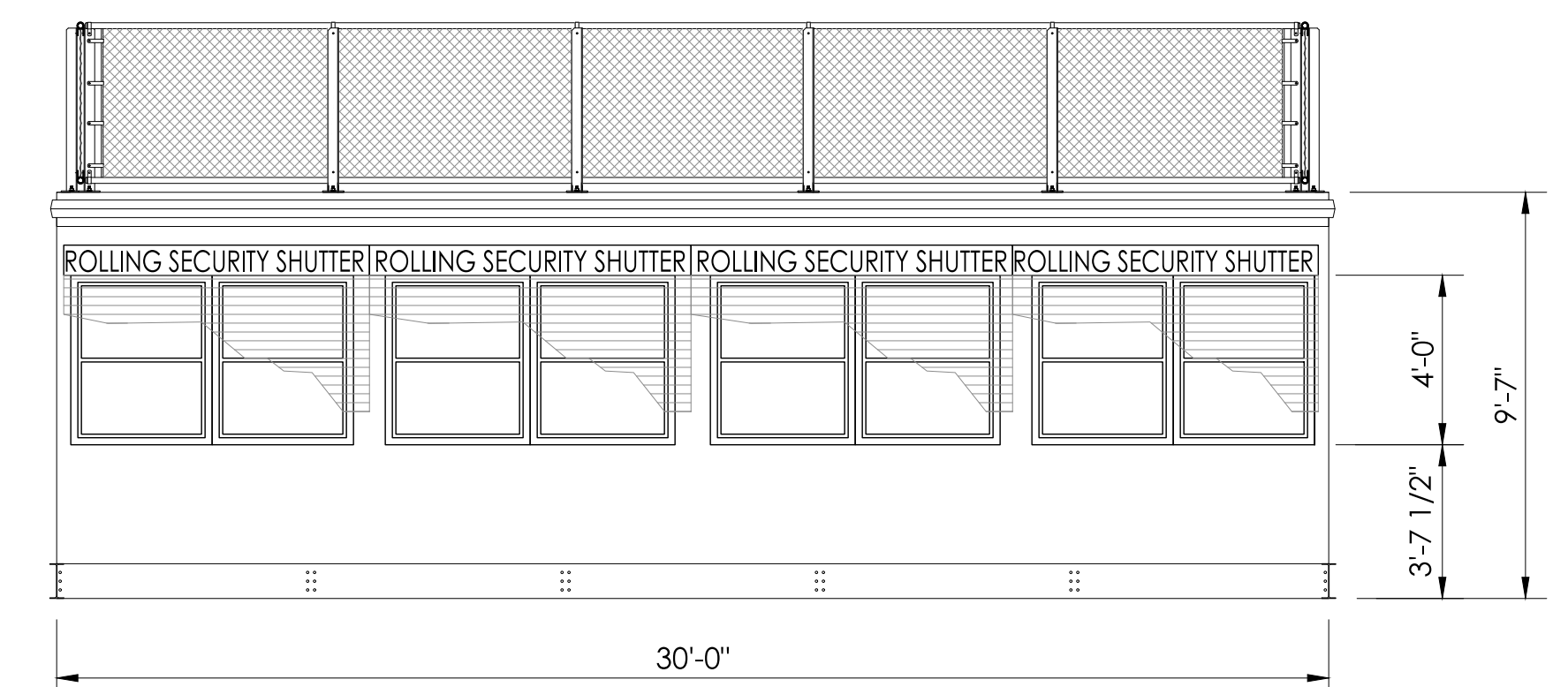


7 BREAKER PANEL ACCESS
 NOT TO SCALE

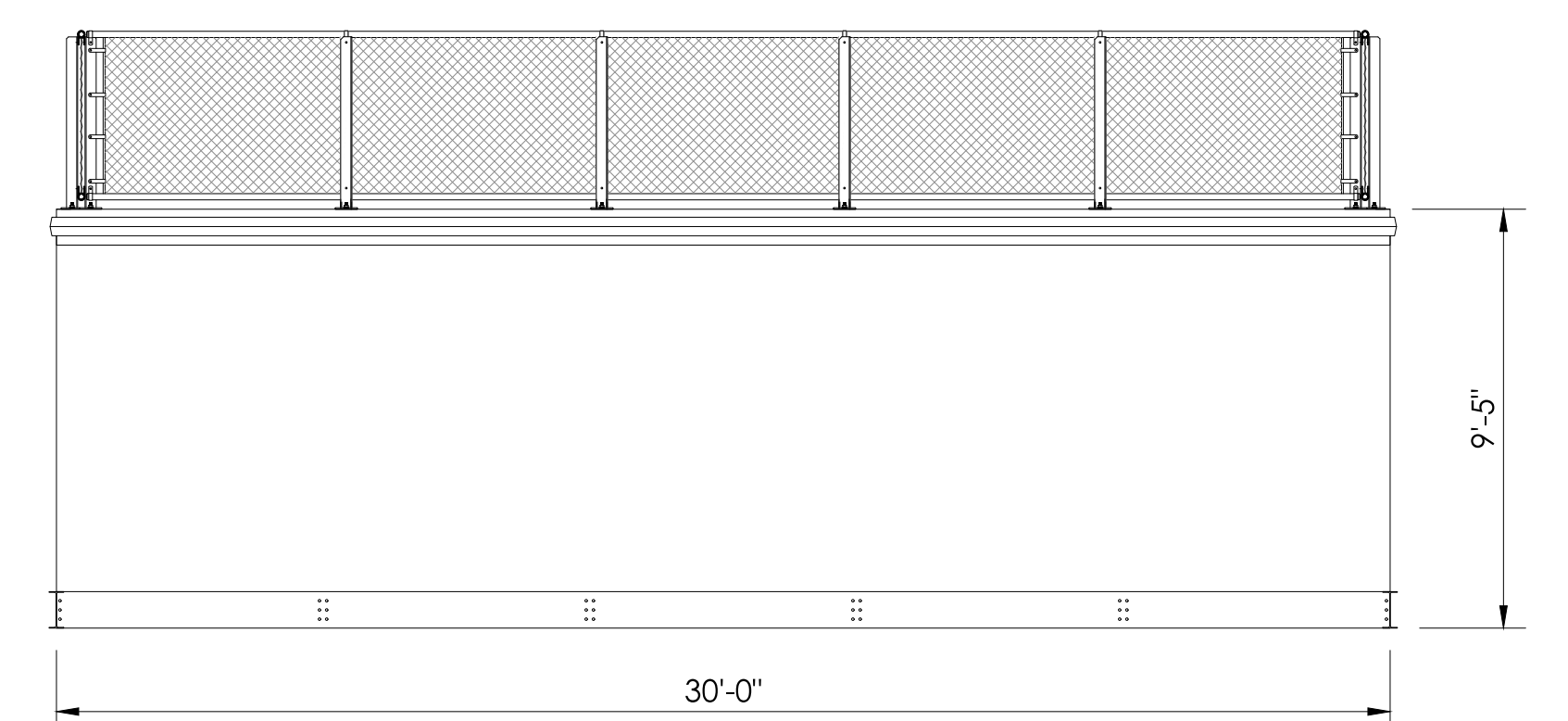
U.L. LISTED (PANELBOARDS NO. 47)		PANELBOARD SCHEDULE		COPPER BUSBAR	
PANEL	LP	100A - 30 CIRCUIT W/ EQUIPMENT GROUND	208/120	VOLTS	3 PH, 4 W
MOUNTING:	<input type="checkbox"/> FLUSH <input checked="" type="checkbox"/> SURFACE	10,000 SYN. A.I.C. MIN.	100	AMP MAIN BREAKER	
1	DUPLX RECPT. FRONT WALL	20	1	1	DUPLX RECPT. FRONT WALL
2	DUPLX RECPTS. FOR IDF BACK WALL	20	1	3	LIGHTS
1	DUPLX RECPT. BACK WALL	20	1	7	1 DUPLX RECPT. BACK WALL
1	DUPLX RECPT. BACK WALL	20	1	9	1 DUPLX RECPT. BACK WALL
1	DUPLX RECPT. BACK WALL	20	1	11	2 DUPLX RECPTS. FRONT WALL
2	DUPLX RECPTS. FRONT WALL	20	1	13	1 RECTANGLE 50' YARD LINE
1	GFCI DUPLX RECPT. ROOF	20	1	15	1 GFCI DUPLX RECPT. ROOF
SPACE		20	1	17	SPACE
SPACE		20	1	19	SPACE
SPACE		20	1	21	SPACE
SPACE		20	1	23	SPACE
SPACE		20	1	25	SPACE
SPACE		20	1	27	SPACE
SPACE		20	1	29	SPACE

- 20A. 125V. DOUBLE DUPLX RECPT.
- 20A. 125V. DUPLX RECPT. (WR GFCI WHERE NOTED)
- 20A. 125V. SINGLE POLE SWITCH
- 4X4X2 1/8" JUNCTION BOX FOR DOUBLE DATA OUTLETS. RACEWAY TO IDF FOR (2)-CAT6 CABLES FOR USE BY OTHERS.
- WP 4X4X2 1/8" JUNCTION BOX LOCATION. W/ CAPPED 3/4" STUBOUT INTO CEILING SPACE. FOR USE BY OTHERS.
- LED FIXTURE: INDY. LOW PROFILE, LAY-IN FIXTURE (S1X4BL-5550U-WH3)
- WP FLUSH WALL MOUNT OUTLET BOX @ 90° FOR EXTERIOR FIRE ALARM HORN BY OTHERS REFERENCE E-2.0
- CONDUIT WILL BE 1/2" EMT, 1/2" STEELFLEX, OR SURFACE RACEWAY UNLESS OTHERWISE NOTED
- WIRING ON 20A BREAKERS WILL BE #12 - THWN - THHN
- EQUIPMENT GROUND RUN IN ALL CONDUITS OR NON-METALLIC SURFACE RACEWAYS

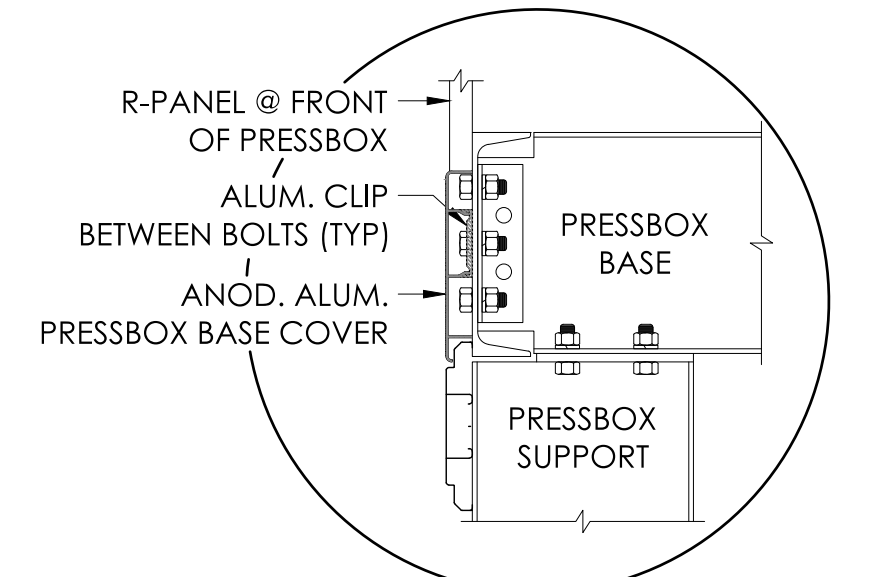
PRESS BOX COLOR SELECTION SCHEDULE				
EXTERIOR SHEET METAL COMPONENTS				
	EXTERIOR SIDING	ROOF TRIM	WINDOW / DOOR TRIM	EXTERIOR DOORS
SIGNATURE 200 STANDARD COLORS FOR PRESS BOX COLOR SELECTION. PLEASE MARK COLOR SELECTIONS FOR EACH MATERIAL ON THIS COLOR SCHEDULE.				
HAWAIIAN BLUE				
CRIMSON RED				
FERN GREEN				
BURNISHED SLATE				
POLAR WHITE				
ASH GREY				
SADDLE TAN				
DESERT SAND				
KOKO BROWN				
SOLAR WHITE				
CHARCOAL GREY				
COBALT BLUE				
RUSTIC RED				
LIGHT STONE				
WINDOW FRAMES				
WHITE				
BRONZE				
TAN				
SILVER				



3 FRONT ELEVATION VIEW
 SCALE: 1/4"=1'-0"



4 REAR ELEVATION VIEW
 SCALE: 1/4"=1'-0"

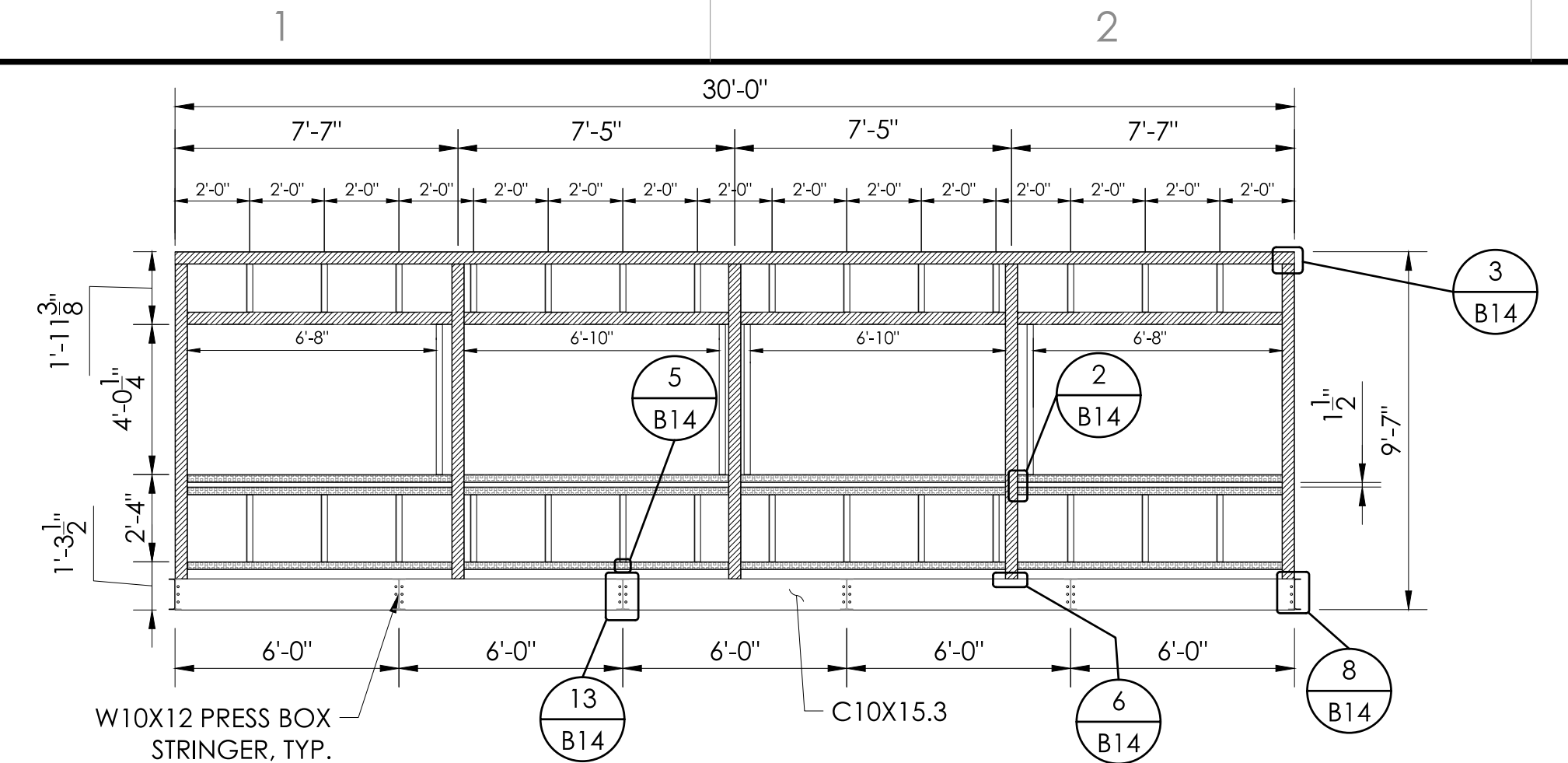


8 PRESS BOX BASE TRIM DETAIL
 NOT TO SCALE

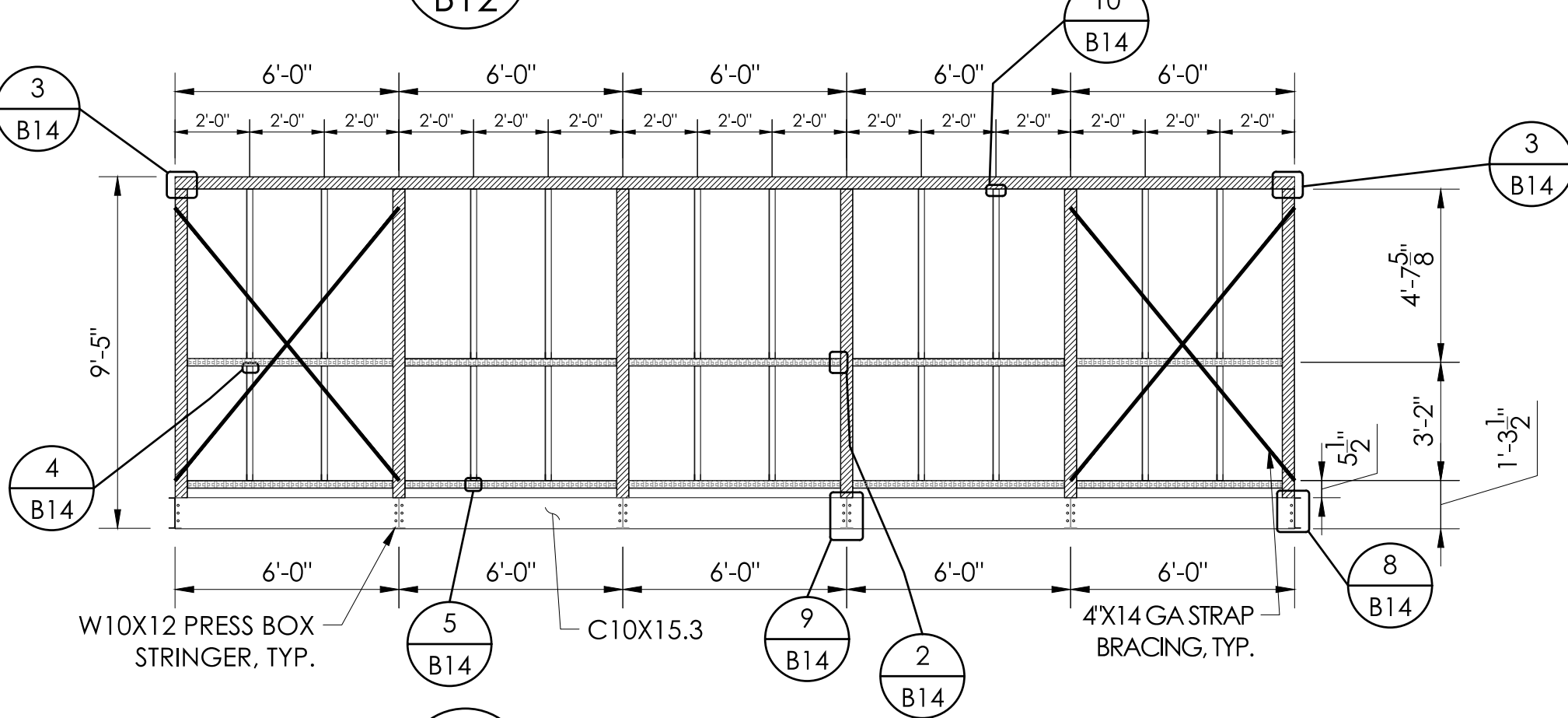
NOTES:
 WALL PANELS ARE ATTACHED: #12 TEK SCREWS, 5/8" WASHER HEAD AND SEALER. SCREWS EACH SIDE OF HATCH: 6 TOP, 6 INTERMEDIATE & 6 BOTTOM.
 LAP SCREWS ARE PLACED AT EACH END OF THE PANELS, AT THE INTERMEDIATE SUPPORT AND AT THE MID POINT BETWEEN SUPPORTS (TEK #14)

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 www.taylorandsyfan.com
 Registered Professional Engineer
 Brian T. Dent
 No. 6067 Exp. 06/30/28
 Structural
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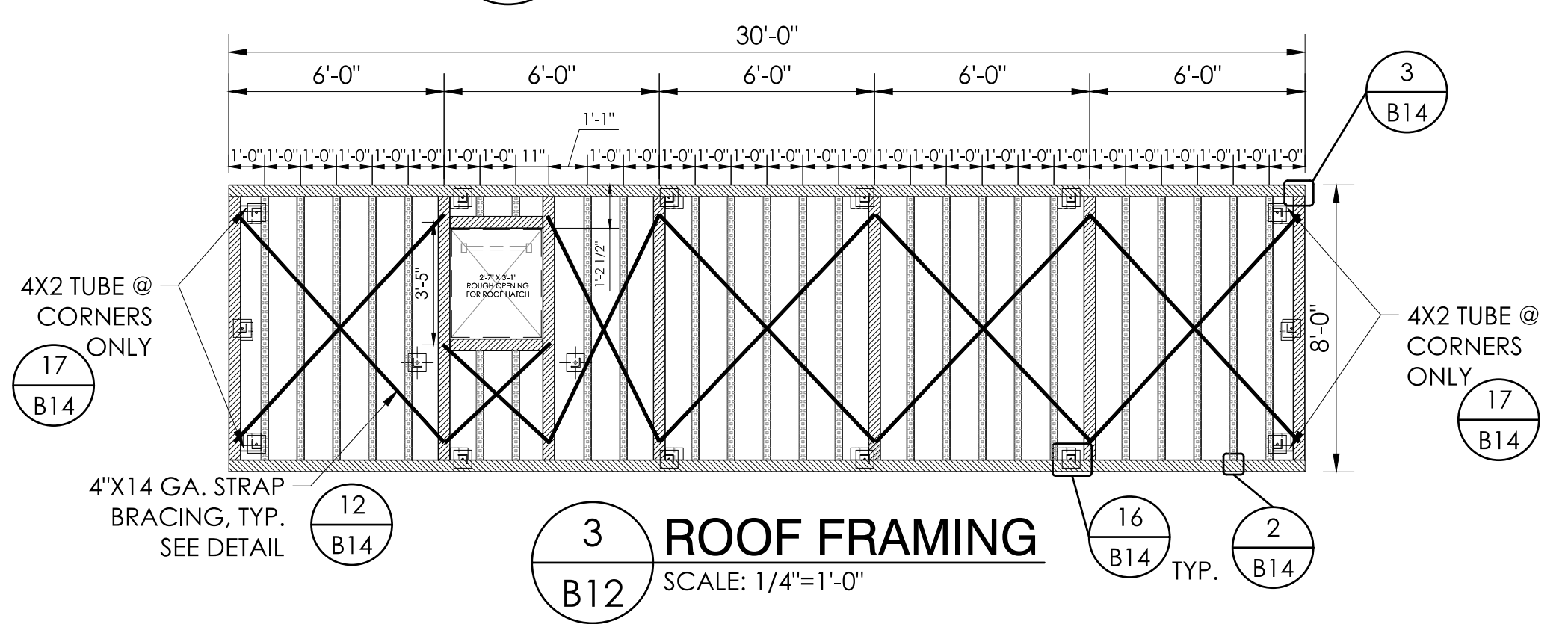
PRESS BOX LAYOUTS
 8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE
 CULVER CITY U.S.D.
 CULVER CITY H.S. - PRESS BOX ADD
 CULVER CITY, CALIFORNIA
 DATE: 2/14/23
 DRAWN BY: JGS/RSST
 CHECKED BY: DMC
 JOB NUMBER: #22377
 SHEET: B11 OF: B20
 22" X 34" (11) X 17"
 = 1/2" indicated scale



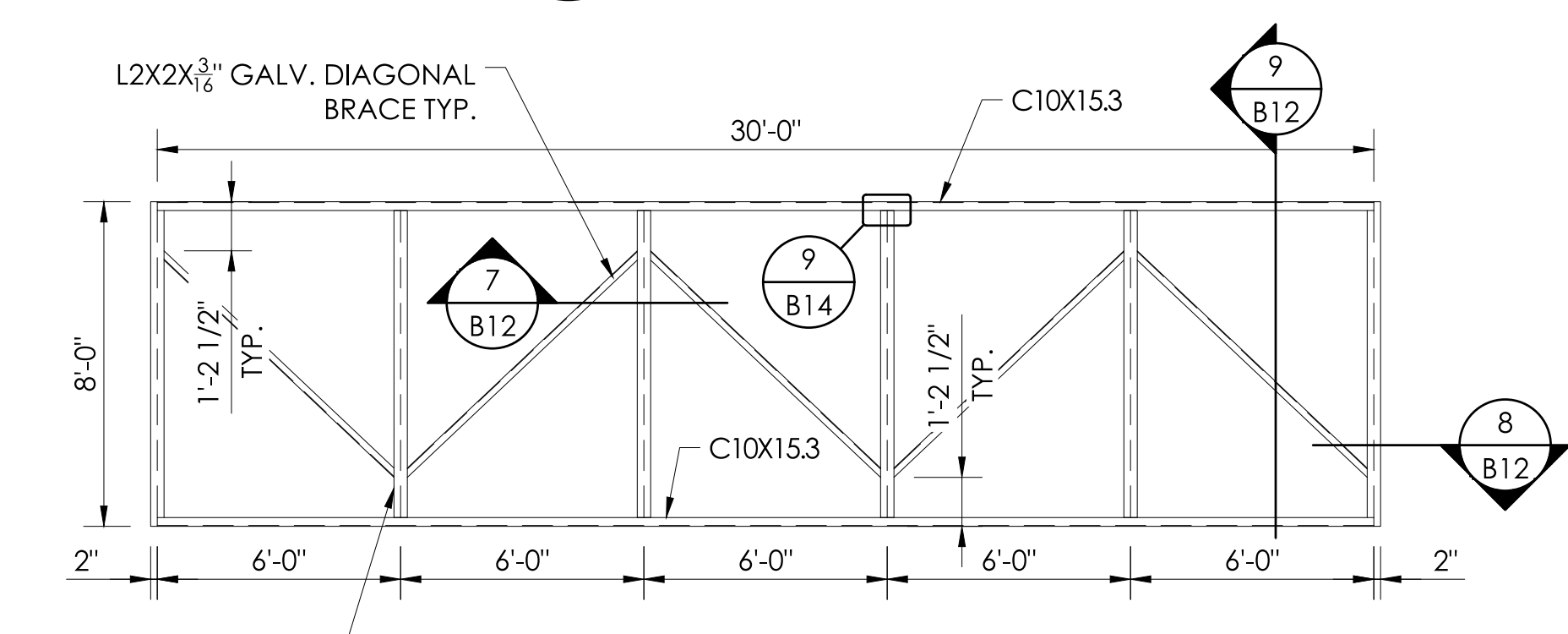
1 FRONT ELEVATION FRAMING
 B12 SCALE: 1/4"=1'-0"



2 REAR ELEVATION FRAMING
 B12 SCALE: 1/4"=1'-0"



3 ROOF FRAMING
 B12 SCALE: 1/4"=1'-0"



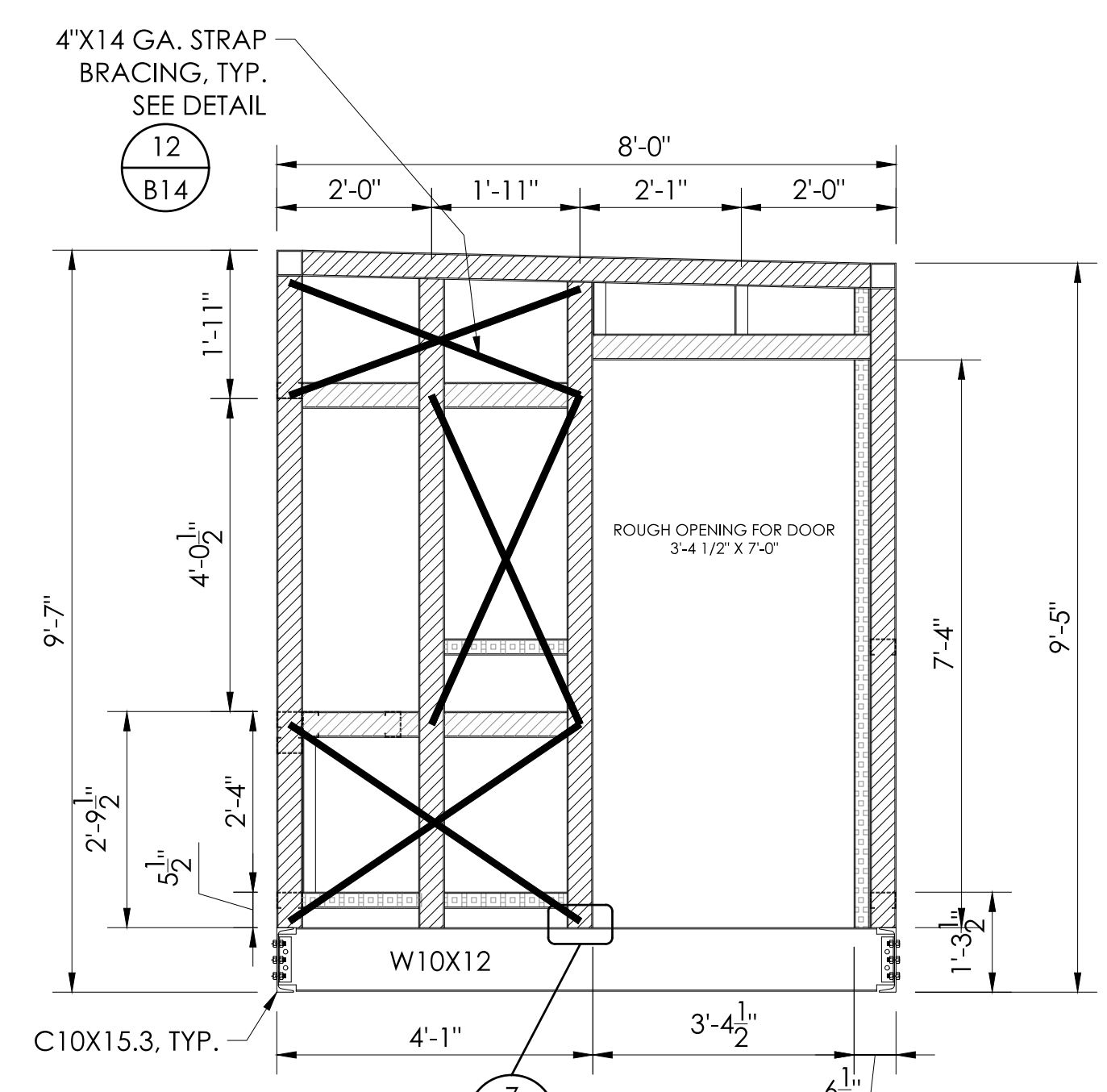
4 BASE STRUCTURE FRAMING
 B12 SCALE: 1/4"=1'-0"

STEEL KEY

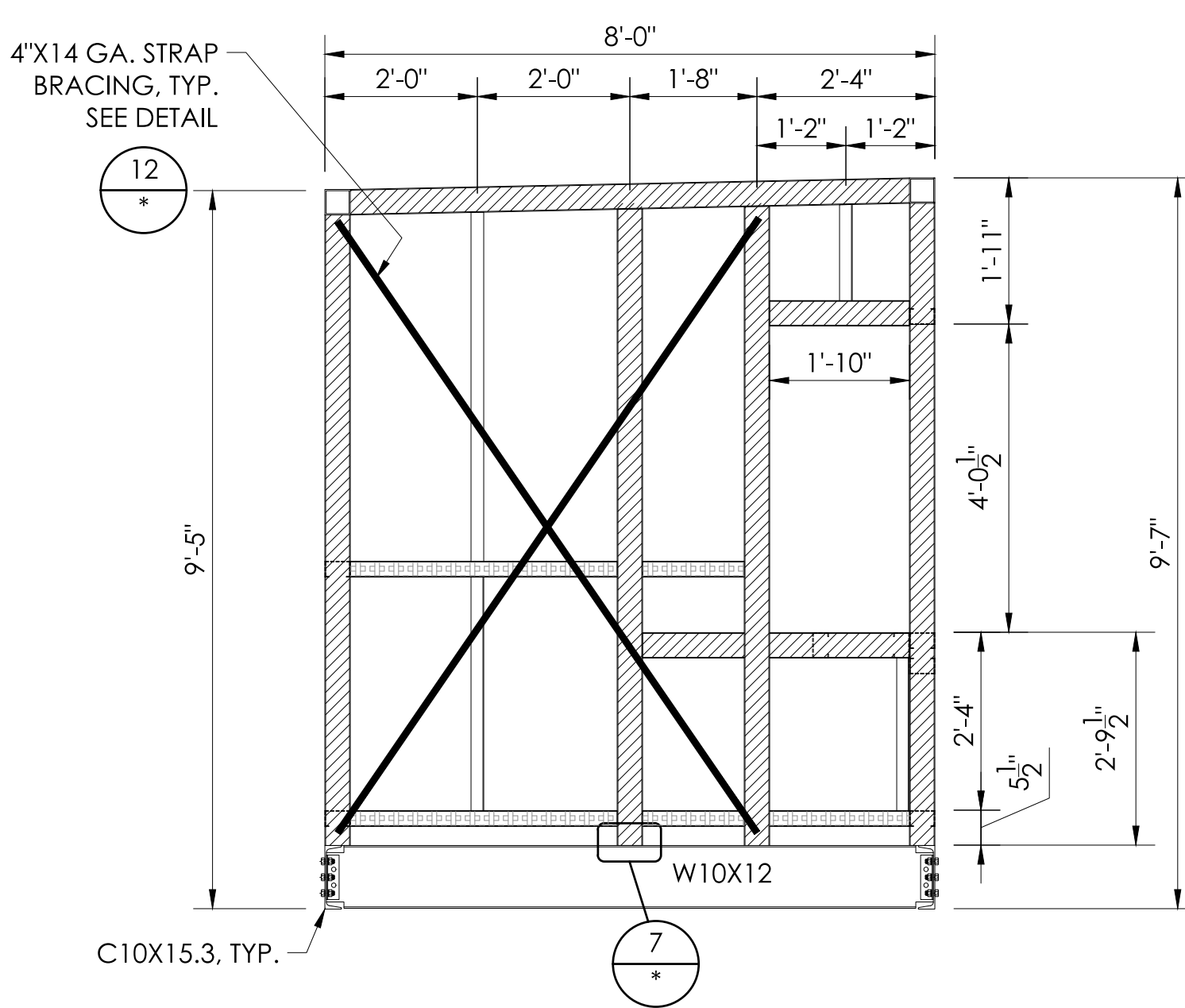
- = 4" SQUARE X 11 GA. TUBING TYP.
- = 4X2 1/2X14 GA. CEE
- = 2 X 2 X 1/8" ANGLE
- = 4"X14 GA. STRAP BRACING, TYP. SEE DETAIL

STEEL PROPERTIES

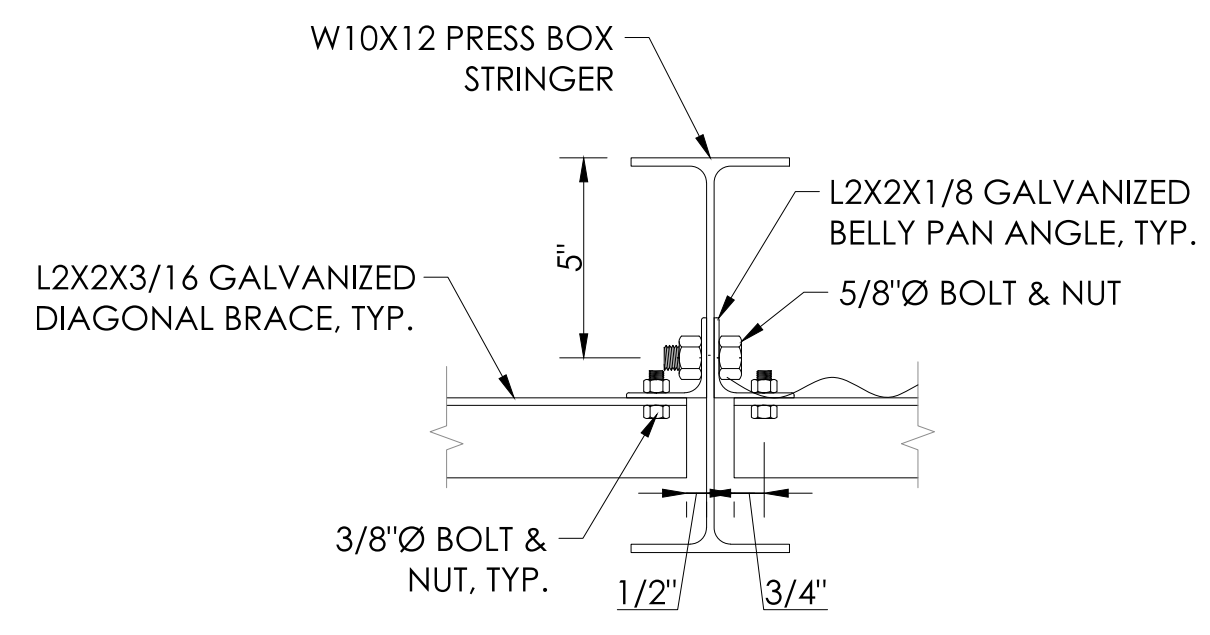
TUBE	4" SQUARE X 11 GA. TUBE	A500 GRADE B	Fy = 46ksi. MIN.
DIAGONAL ANGLE	L2 X 2 X 3/16"	A572 / A529	Fy = 50ksi. MIN.
BELLY PAN ANGLE	L2 X 2 X 1/8"	A572 / A529	Fy = 50ksi. MIN.
CEES	4 X 2 1/2 X 14 GA.	A1011 / A653	Fy = 55ksi. MIN.
FLAT STRAP	4" X 14 GA.	A1011 / A653	Fy = 55ksi. MIN.
ROOF PLATE	11GA. OR 1/8"	A1011 / A653 / A786	Fy = 27ksi. MIN.



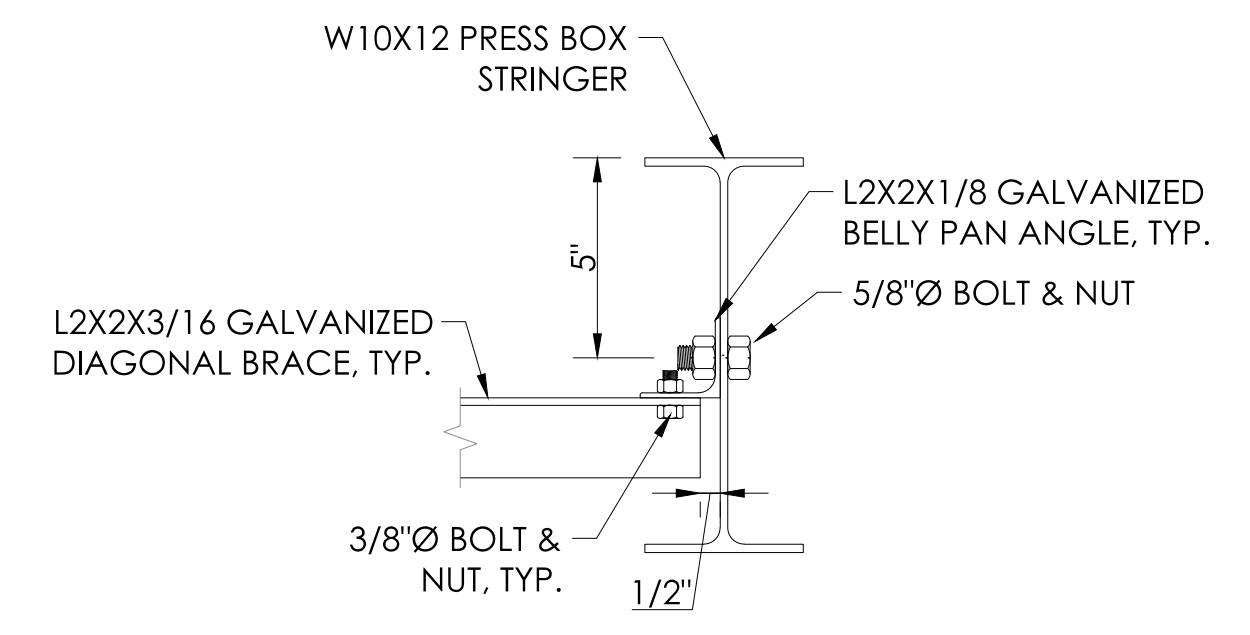
5 SIDE STRUCTURAL LAYOUT
 B12 SCALE: 1/2"=1'-0" (RIGHT END)



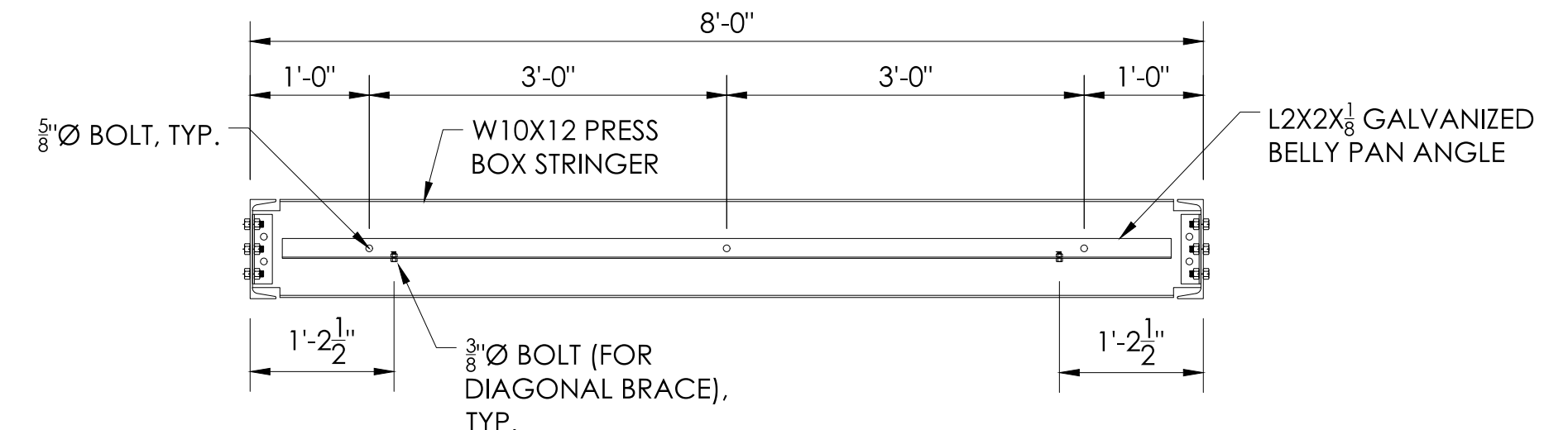
6 SIDE STRUCTURAL LAYOUT
 B12 SCALE: 1/2"=1'-0"



7 BELLY PAN ATTACHMENT
 B12 NOT TO SCALE



8 BELLY PAN ATTACHMENT
 B12 NOT TO SCALE



9 BELLY PAN ANGLE ATTACHMENT
 B12 NOT TO SCALE

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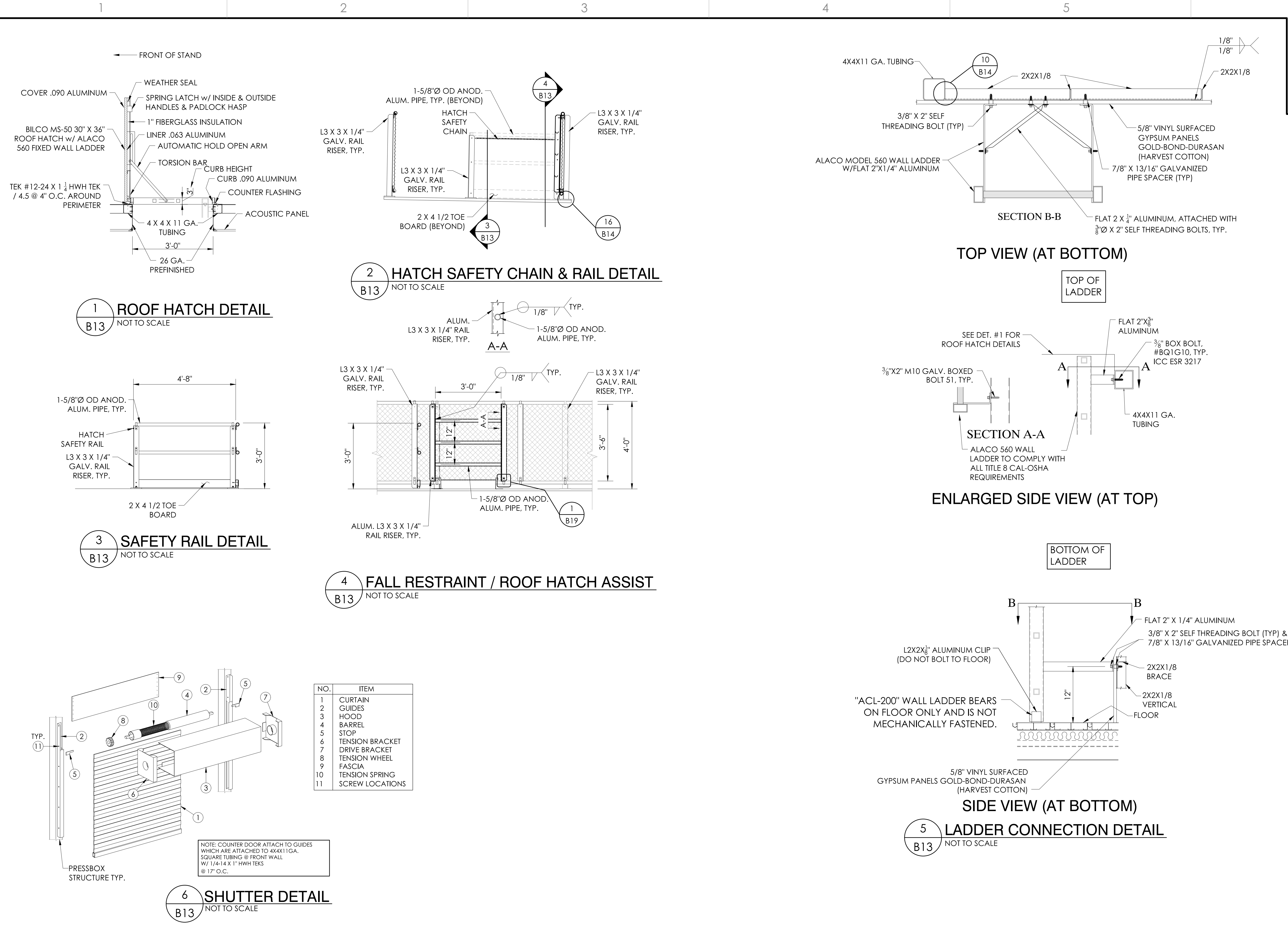
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 Established 1946

BRIAN T. DENN
 REGISTERED PROFESSIONAL ENGINEER
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 Signed 06/24/23 PRINCIPAL

PRESS BOX FRAMING
 8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE
 CULVER CITY U.S.D.
 CULVER CITY H.S. - PRESS BOX ADD
 CULVER CITY, CALIFORNIA

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JOB NUMBER			#22377
SHEET			OF
B12			B20

22" X 34" (11) X 17
 = 1/2" indicated scale



NO.	ITEM
1	CURTAIN
2	GUIDES
3	HOOD
4	BARREL
5	STOP
6	TENSION BRACKET
7	DRIVE BRACKET
8	TENSION WHEEL
9	FASCIA
10	TENSION SPRING
11	SCREW LOCATIONS

NOTE: COUNTER DOOR ATTACH TO GUIDES WHICH ARE ATTACHED TO 4X4X1 GA. SQUARE TUBING @ FRONT WALL W/ 1/4" X 1/4" HWH TEKS @ 17" O.C.

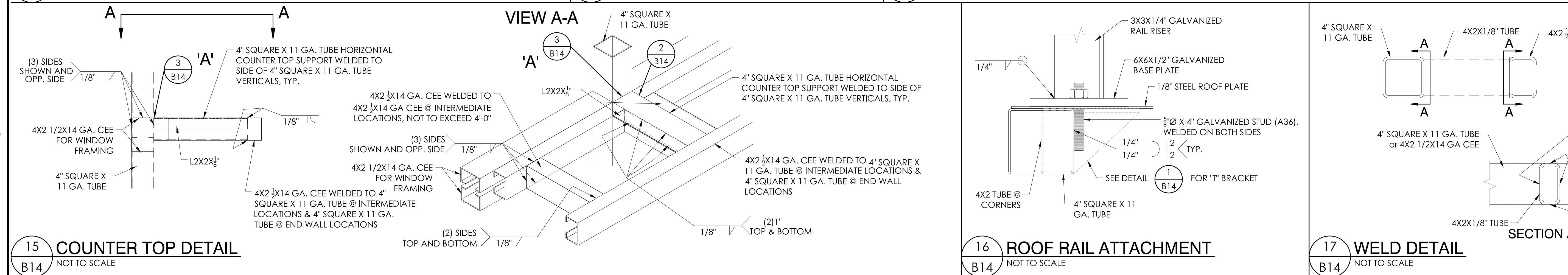
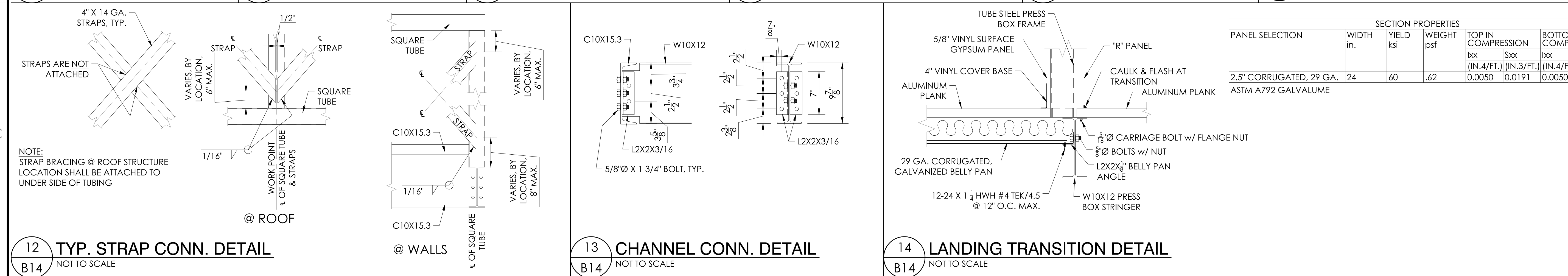
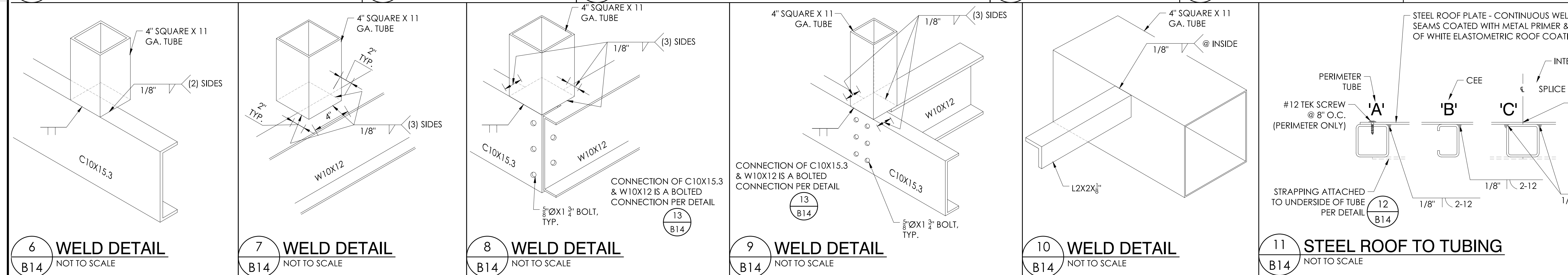
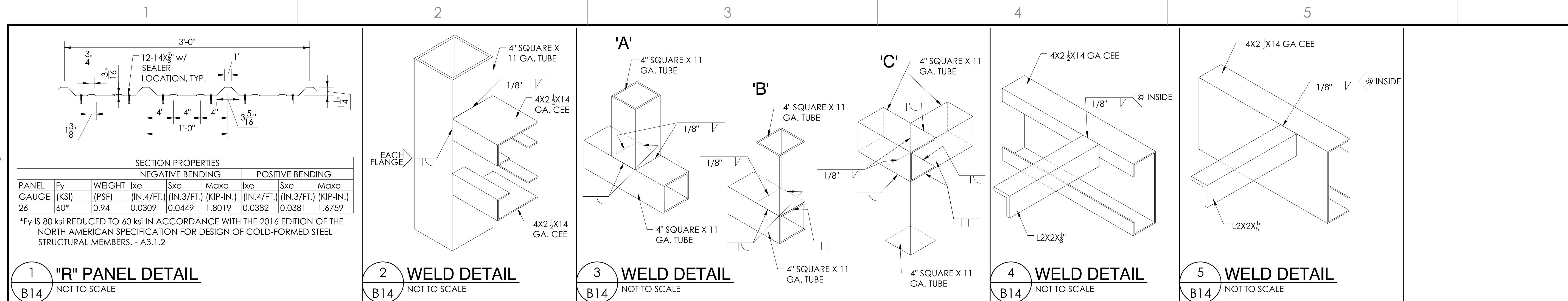
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Professional Engineer Seal:
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 Structural Engineer
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 = 1/2" indicated scale



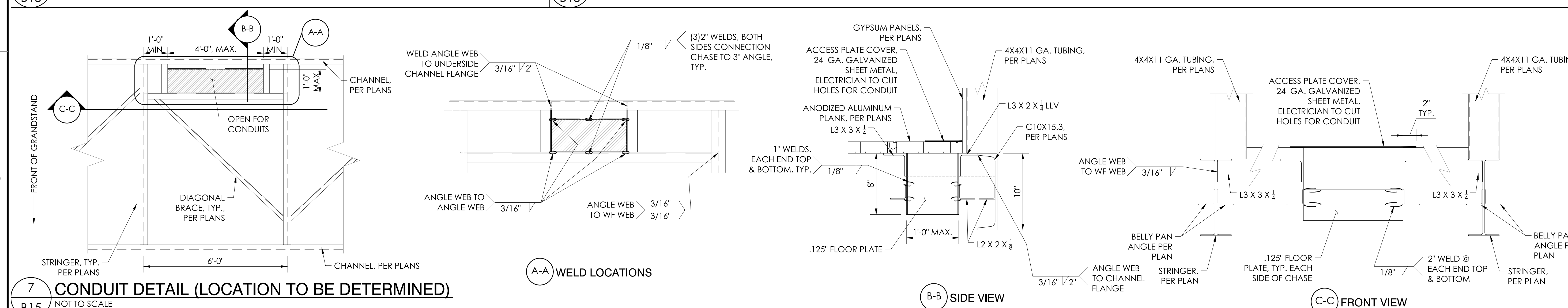
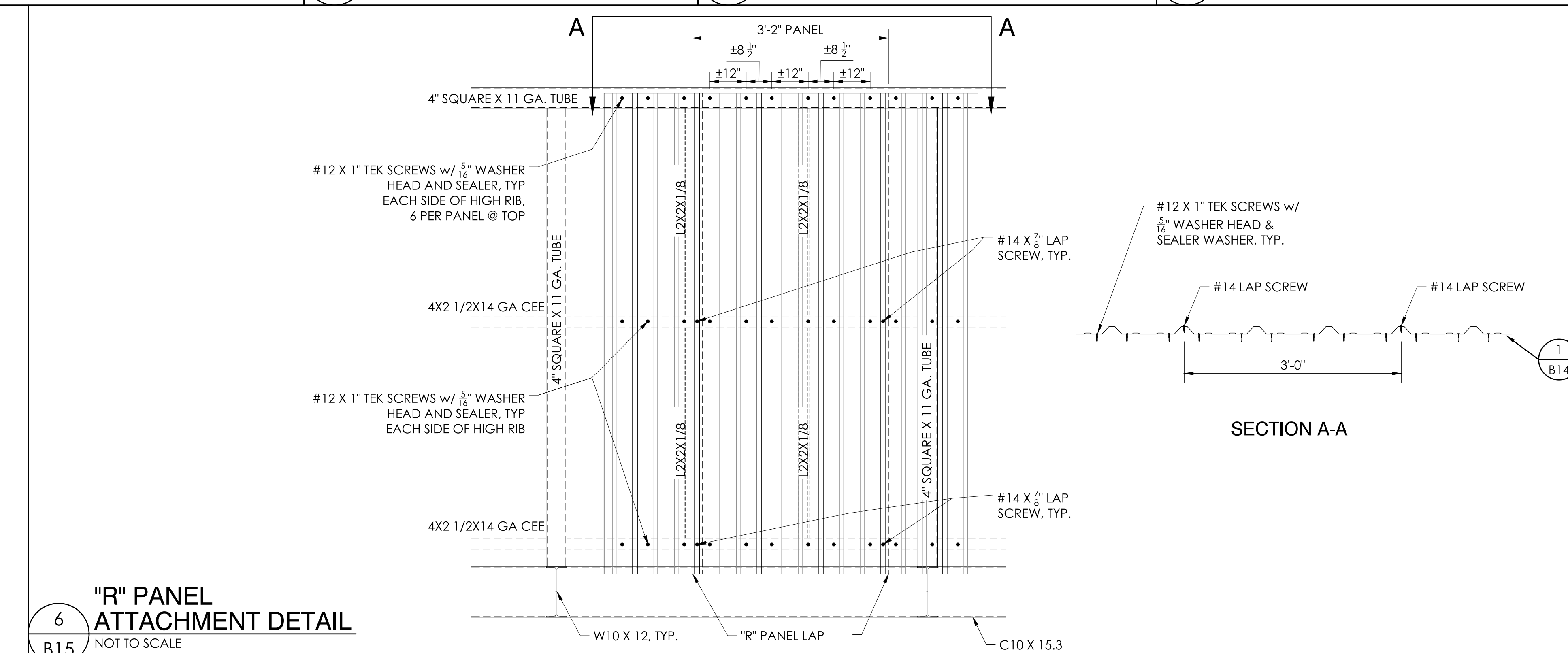
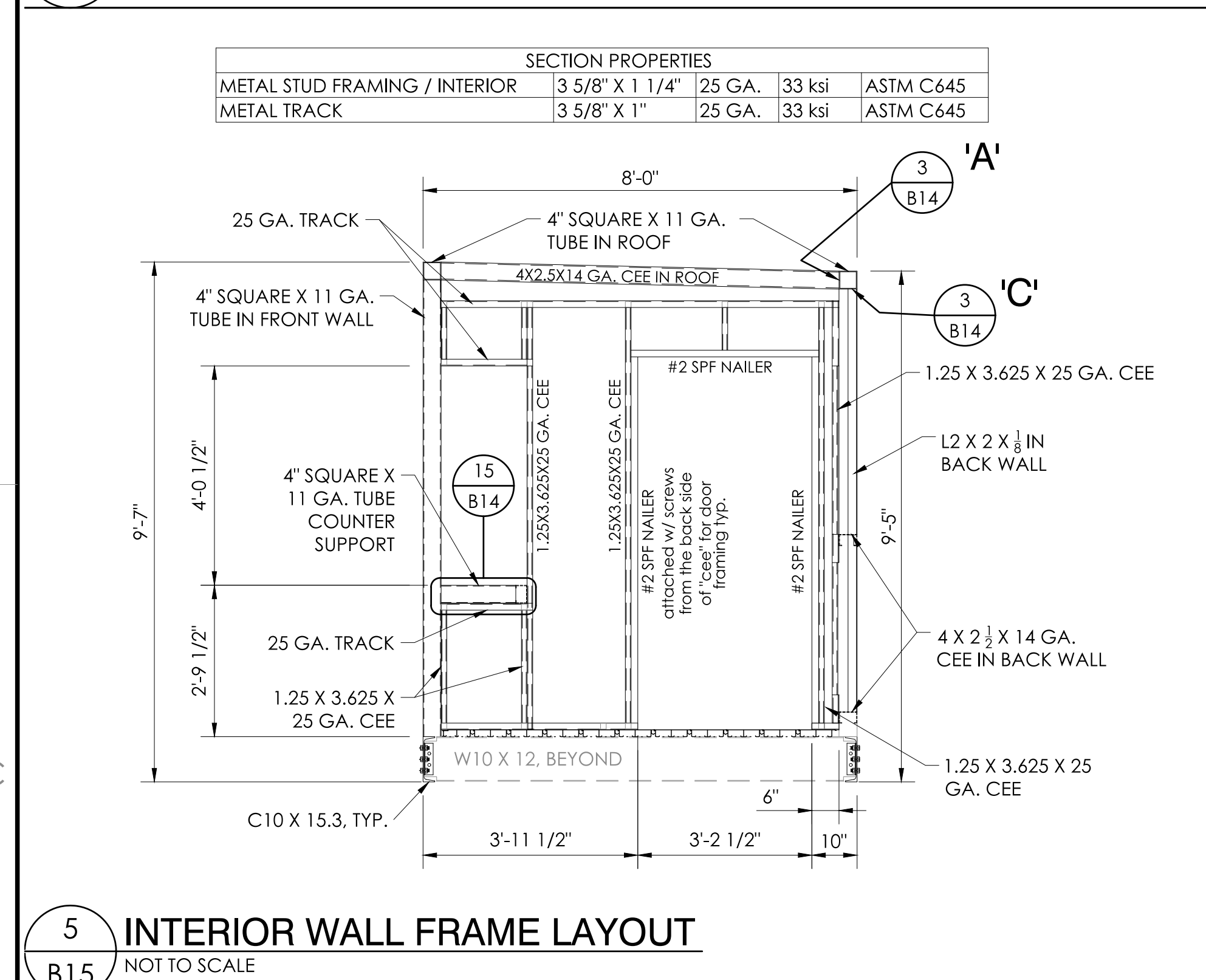
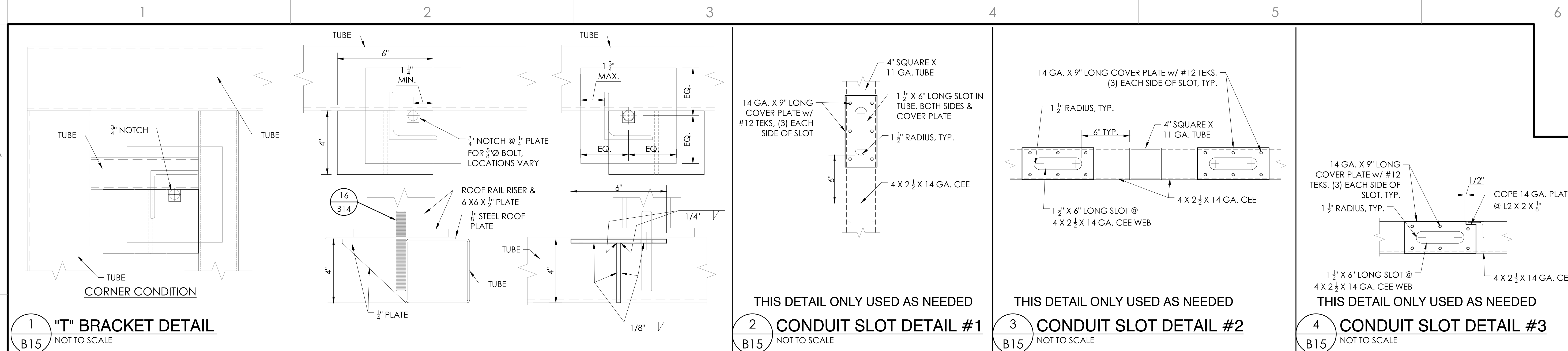


STRUCTURAL ENGINEERS
 TAYLOR & SYFAN
 593 S. Oak Knoll Ave., Pasadena, CA 91101
 Phone: 949-449-0753 Fax: 949-449-1565
 PO Box One, Graham, Texas 76450
 801 Fifth Street
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 ESTABLISHED 1946
 GRANDSTANDS • BLEACHERS • STADIUMS
 Southern BLEACHER COMPANY
 5 6067 Exp. 06/20/23
 STATE OF CALIFORNIA
 PRINCIPAL

STRUCTURAL DETAILS
 8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE
 CULVER CITY U.S.D. - PRESS BOX ADD
 CULVER CITY H.S. - PRESS BOX ADD
 CULVER CITY, CALIFORNIA

REV	DATE	DESCRIPTION
1	2/14/23	JGS/RSST
2		DMC

JOB NUMBER #22377
 SHEET B14 OF B20
 22" X 34" (11 X 17)
 = 1/2" indicated scale



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 STRUCTURAL ENGINEERS
 553 S. Oak Knoll Ave. Pasadena, CA 91101
 Phone: 626-792-2288
 Fax: 626-792-2289
 www.taylorandyan.com

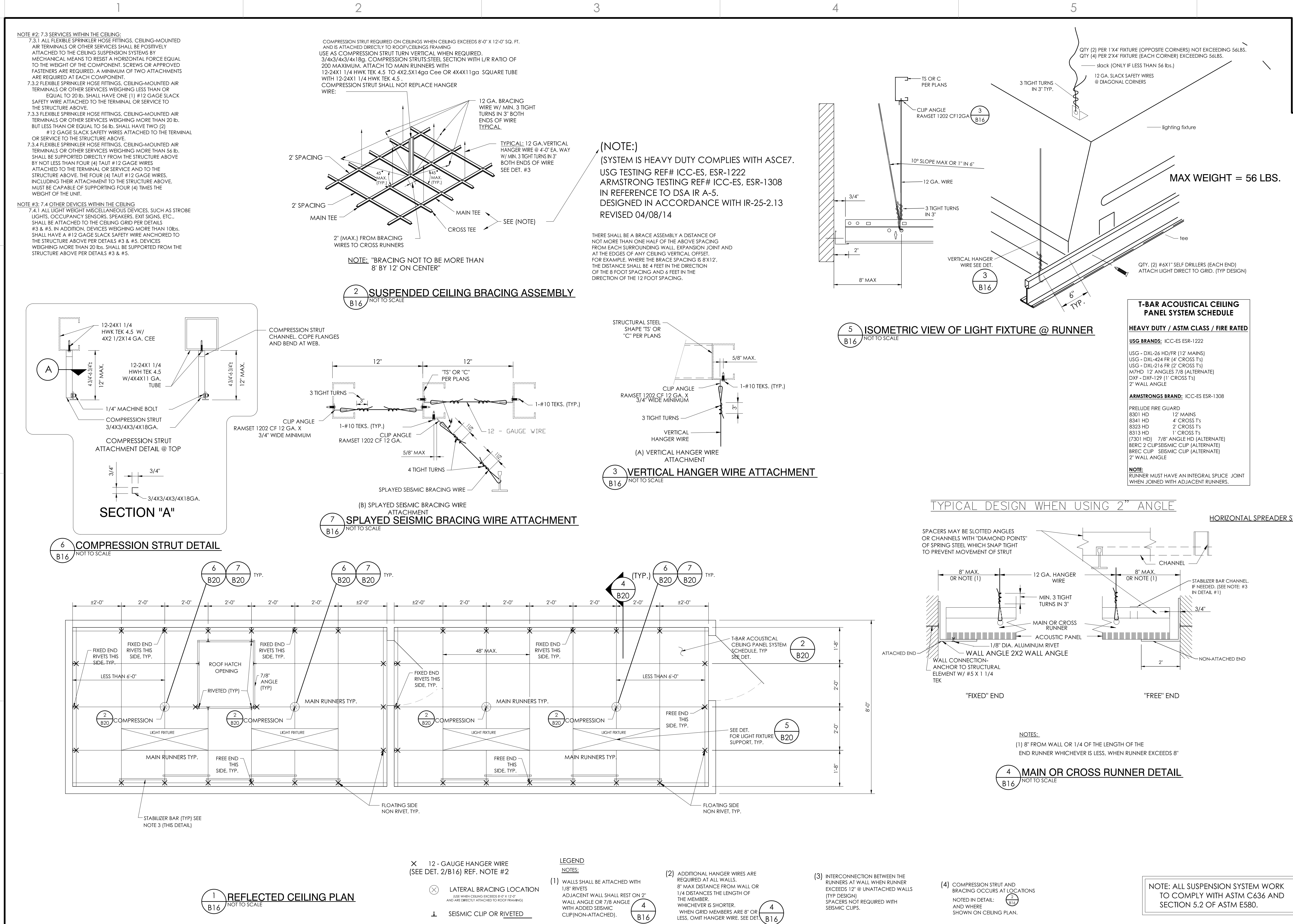
Southern BLEACHER COMPANY
 PO Box One, Graham, Texas 76450
 801 Fifth Street
 Phone: 940-349-0733 Fax: 940-349-1365
 GRANDSTANDS • BLEACHERS • STADIUMS

Professional Engineer Seal:
 Brian T. Dean
 S 6067 Exp. 06/30/23
 Structural Engineer
 State of California
 Signed: 04/24/23 PRINCIPAL

PROJECT: PRESS BOX DETAILS
DESCRIPTION: 8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE
CLIENT: CULVER CITY U.S.D., CULVER CITY H.S. - PRESS BOX ADD
LOCATION: CULVER CITY, CALIFORNIA

DATE: 2/14/23
DESIGNER: JGS/RSST
CHECKER: DMC
JOB NUMBER: #22377
SHEET: B15 OF B20

22" X 34" (11 X 17)
 = 1/2" indicated scale



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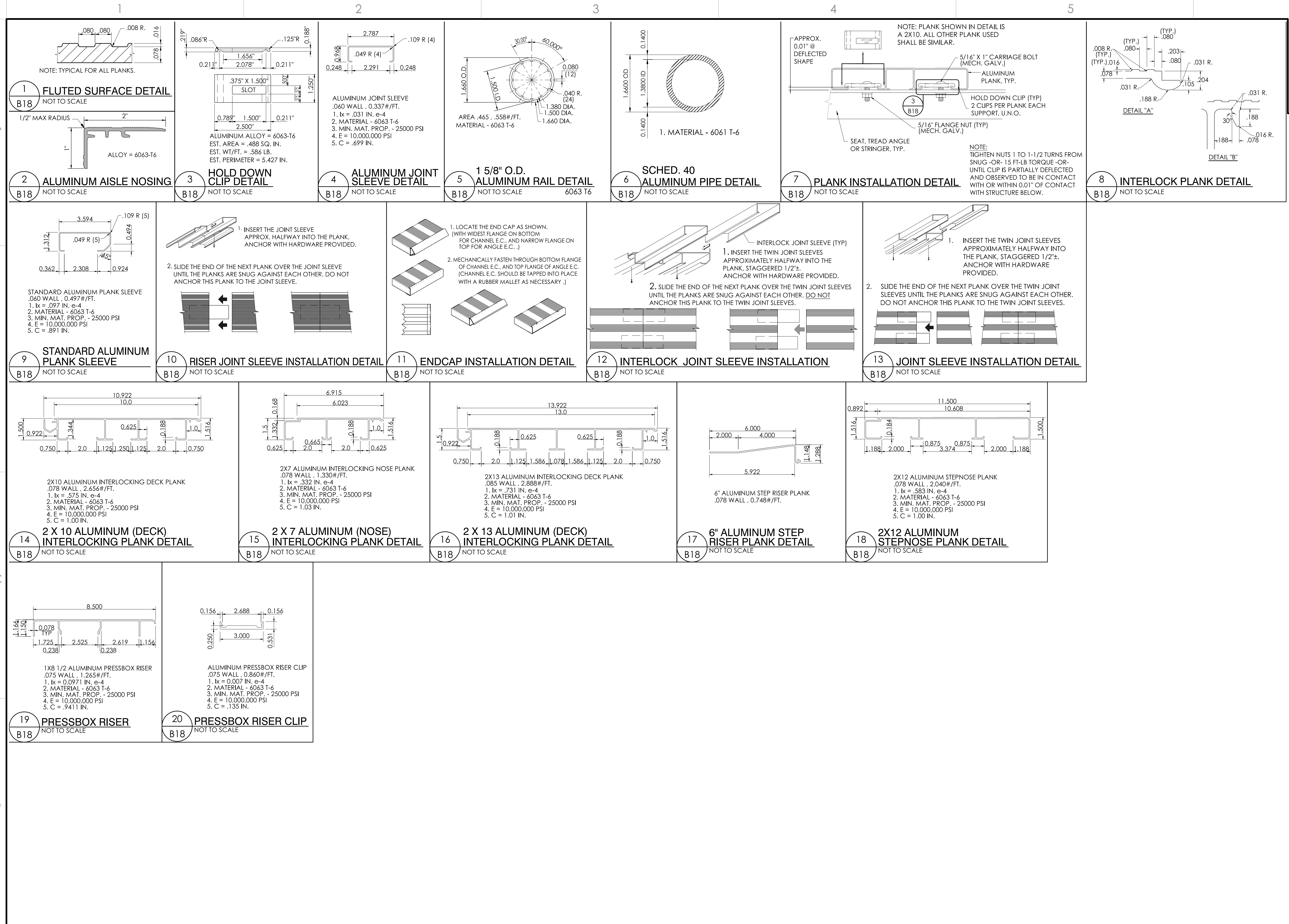
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Southern BLEACHER COMPANY
 PO Box One, Graham, Texas 76450
 801 Fifth Street
 Phone: 940-546-0753 Fax: 940-546-1565
 Established 1946
 GRANDSTANDS • BLEACHERS • STADIUMS

Professional Engineer
 Brian T. Dent
 No. 5067
 Exp. 06/30/28
 STATE OF CALIFORNIA
 Signed: 06/24/23
 PRINCIPAL

REFLECTED CEILING PLAN	8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE	CULVER CITY U.S.D. CULVER CITY H.S. - PRESS BOX ADD CULVER CITY, CALIFORNIA
DATE	2/14/23	DESIGNER
BY	JGS/RSST	DATE
PROJECT NUMBER	#22377	DATE
SHEET	B16	OF

22' X 34' (11' X 17'
 = 1/2 indicated scale)



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PO Box One, Graham, Texas 76450
 801 Fifth Street
 Phone: 817-494-0753 Fax: 817-494-1565
 TAYLOR & SYFAN
 SOUTHERN BLEACHER COMPANY
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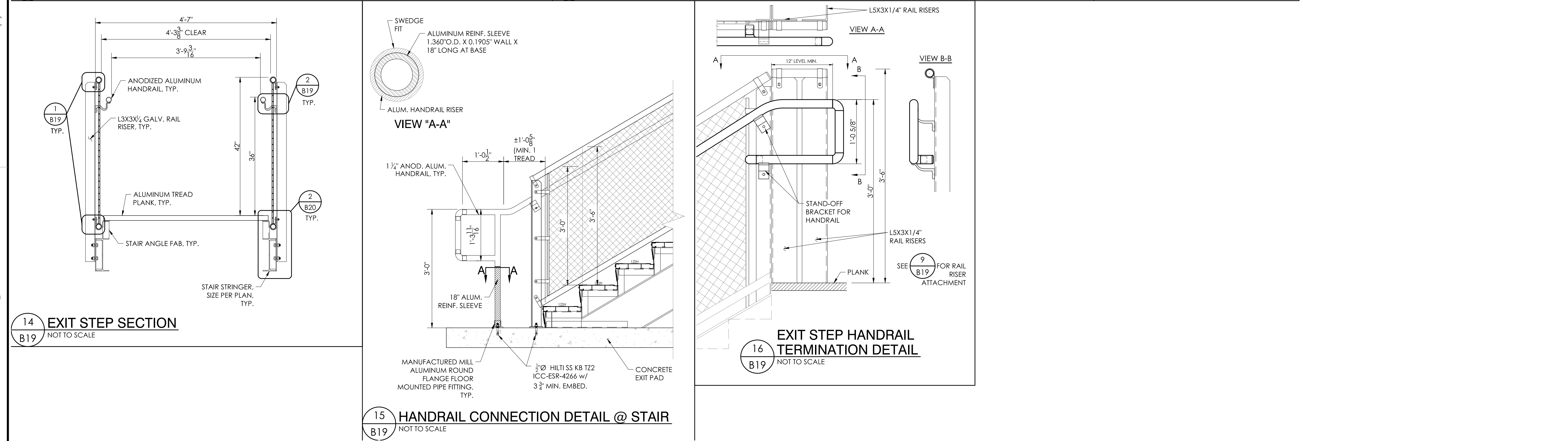
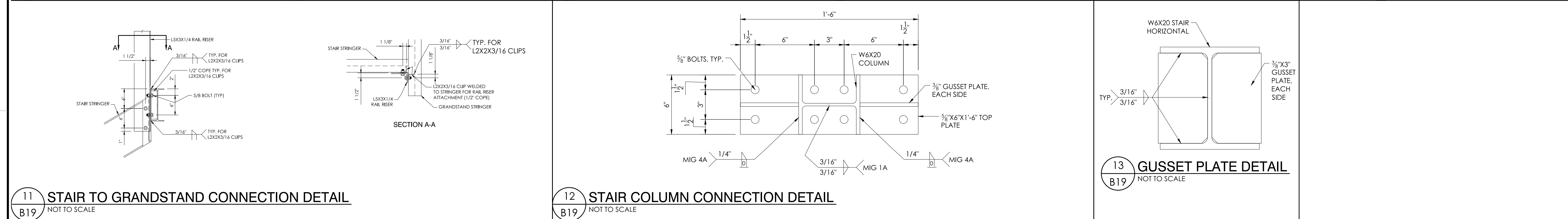
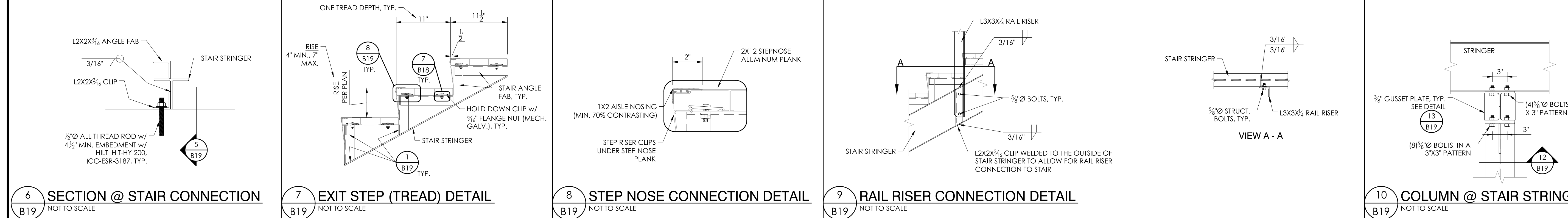
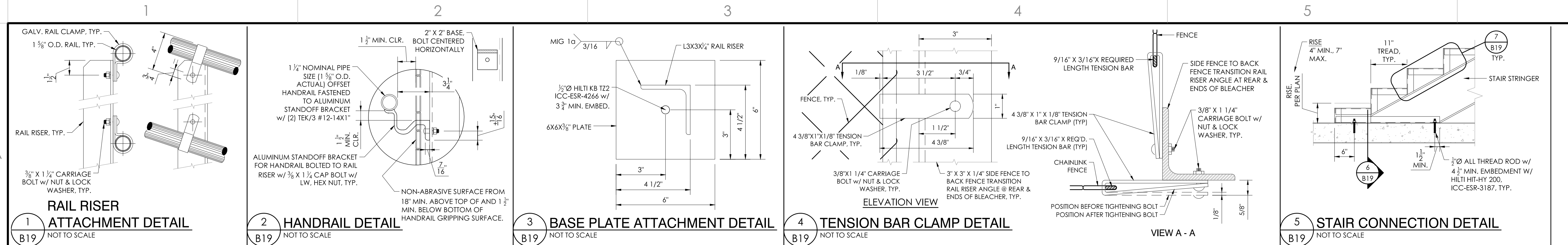
REGISTERED PROFESSIONAL ENGINEER
 Brian T. Deary
 S 0087
 Exp. 06/30/26
 STRUCTURAL
 STATE OF CALIFORNIA
 Signed: 04/24/23 PRINCIPAL

PLANK DETAILS
 8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE

CULVER CITY U.S.D.
 CULVER CITY H.S. - PRESS BOX ADD
 CULVER CITY, CALIFORNIA

REV	BY	DATE	DESCRIPTION

JOB NUMBER: #22377
 SHEET: B18 OF: B20
 DATE: 2/14/23
 DESIGNED: JGS/RSST
 CHECKED: DMC
 22" X 34" (11) X 17"
 = 1/2" (indicated scale)



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 SOUTHERN BLEACHER COMPANY
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 801 Fifth Street
 Phone: 817-549-0753 Fax: 817-549-1565

Brian T. Dent
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF CALIFORNIA
 No. 6067 Exp. 08/2028
 Signed 06/24/23 PRINCIPAL

EXIT DETAILS
 8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE

CULVER CITY U.S.D.
 CULVER CITY H.S. - PRESS BOX ADD
 CULVER CITY, CALIFORNIA

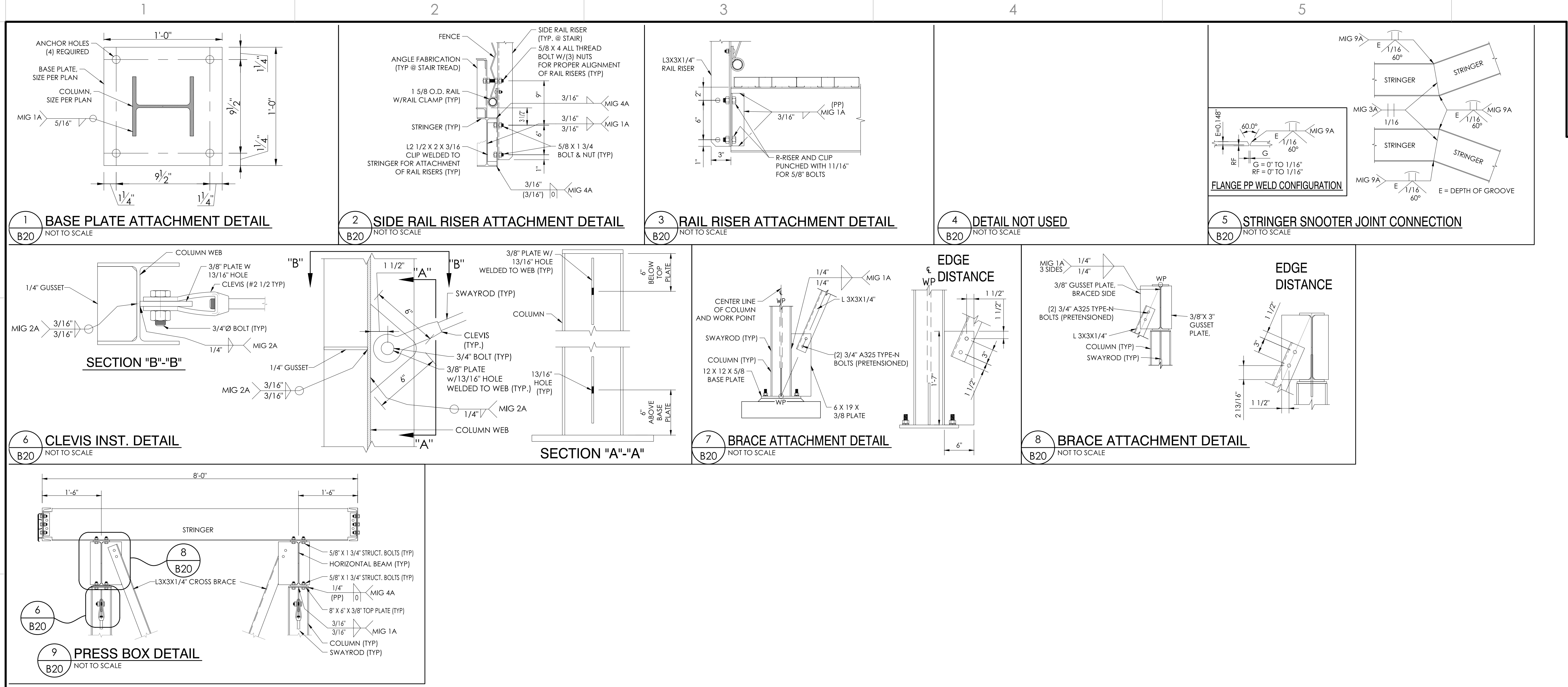
REV	BY	DATE	DESCRIPTION
1			
2			
3			
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5			
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7			
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11			
12			
13			
14			
15			
16			

JOB NUMBER #22377

SHEET 19 OF 20

B19 B20

22" X 34" (11 X 17)
 = 1/2" indicated scale



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 http://www.tsyfan.com



Signed: 06/24/23
 PRINCIPAL

DETAILS
 8'-0" X 30'-0" PRESS BOX W/ STAIR TO GRADE
 CULVER CITY U.S.D.
 CULVER CITY H.S. - PRESS BOX ADD
 CULVER CITY, CALIFORNIA

REV	BY	DATE	DESCRIPTION
1	JGS/RSST	2/14/23	ISSUED FOR PERMIT
JOB NUMBER #22377			
SHEET B20		OF B20	

22" X 34" (11x17)
 = 1/2" indicated scale)

