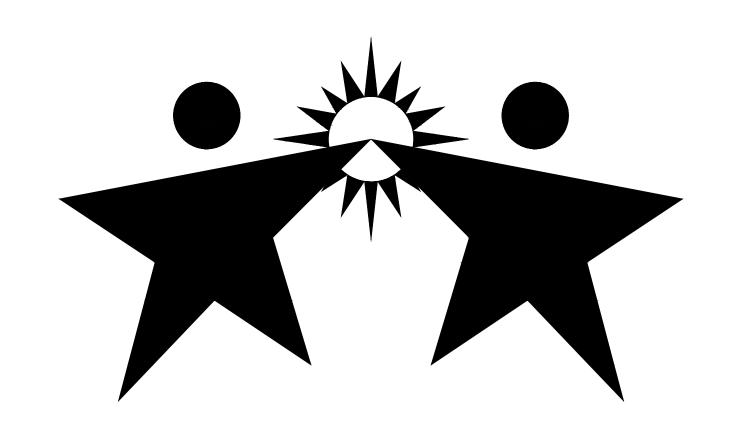
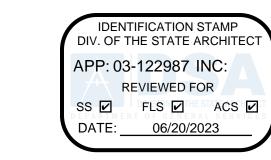
Culver City High School Press Box Addition

Culver City Unified School District Culver City High School 4401 Elenda Street Culver City, CA 90230



100% Construction Drawings February 14, 2023





APPL. No. 03-122987

1 02-14-2023 DSA SUBMISSION

Date: 02.14.2023 Scale: Drawn By: DH

Architect / Engineer Stamp



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

Cover Sheet

THE PRESS BOX ADDITION AT CULVER CITY HIGH SCHOOL CONSIST OF:

GENERAL SITE PREPARATION

• INSTALLATION OF A NEW 8' X 30' PRESS BOX WITH ROOF DECK AND STAIRS

DEMOLITION OF EXISTING LIGHT STANDARD AND THE REMOVAL OF EXISTING CROWS NEST

LOCATIONS; EXTENDED, ROUTED, CAPPED AS REQUIRED TO COMPLETE INSTALLATION

CONNECTION OF EXISTING POWER, DATA AND FIRE ALARM TO THE PRESS BOX FROM EXISTING UTILITY

Disclaimer: THESE DRAWINGS ARE THE PROPERTY OF THE ARCHITECT. THE DESIGNS SHOWN AND DESCRIBED HEREIN INCLUDING ALL TECHNICAL DRAWINGS ARE PROPRIETARY AND CANNOT BE COPIED DUPLICATED OR COMMERCIALLY EXPLOITED IN WHOLE OR IN PART THE DRAWINGS AND SPECIFICATIONS SHALL NOT BE USED BY THE OWNER ON OTHER THIS PROJECT BY OTHERS. THE OWNER AGREES TO HOLD HARMLESS INDEMNIFY AND DEFEND THE ARCHITECT AGAINST ALL DAMAGES. CLAIMS AND LOSSES. INCLUDING DEFENSE COSTS. ARISING OUT OF ANY REUSE OF PLANS AND SPECIFICATIONS WITHOUT THE WRITTEN AUTHORIZATION OF THE ARCHITECT OF RECORD.

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Drawn By: DH Checked By: AU

Architect / Engineer Stamp



Consultants VCA Engineers, Inc.

General Information /Sheet Index

B. CONTRACTOR SHALL PROVIDE AND LOCATE ACCESS PANELS AS REQUIRED AFTER INSTALLATION OF MECHANICAL DUCTS, PLUMBING AND ELECTRICAL WORK, COORDINATE WITH ARCHITECT. CONTRACTOR SHALL PROVIDE A LAYOUT OF ALL ACCESS. PANELS TO THE OWNER, OWNER'S REPRESENTATIVE AND ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION OF EQUIPMENT REQUIRING SAID ACCESS PANELS.

C. WHERE FACTORY FINISHED OR FACTORY PRIMED ITEMS OCCUR, SUCH AS GRILLS, DIFFUSERS, METAL TRIM AND ACCESSORIES. ETC.. THEY SHALL BE PAINTED TO MATCH THE ADJACENT SURFACE AS DIRECTED BY THE ARCHITECT.

D. CONTRACTOR SHALL COORDINATE THE WORK AMONG ALL TRADES RELATING TO THE MOUNTING AND ATTACHMENTS OF ALL EQUIPMENT AS REQUIRED.

F. CONTRACTOR SHALL PROVIDE MOUNTING PLATES AS REQUIRED BEHIND ALL WALL-MOUNTED ITEMS SUCH AS HANDRAILS,

20. DUST CONTROL AND INTERIOR BARRICADES

ANGLE

PROPERTY LINE

ANCHOR BOLT

area Drain

AGGREGATE

BUILDING

BLOCK

BLOCKING

BOTTOM

BENCH MARK

CATCH BASIN

CAST IRON

CHAIN LINK

CAULKING

CLEAR

COLUMN

CLEAN OUT

CONCRETE

CONSTRUCTION

CONTINUOUS

COUNTERSUNK

CERAMIC TILE

CURTAIN WALL

CENTER

DOUBLE

DETAIL

DIAMETER

DIMENSION

DOWNSPOUT

DRY STANDPIPE

EXPANSION JOINT

ELECTRICAL PANEI

ELECTRIC WATER COOLER

DRAWINGS

FLECTRICAL

ELEVATION

EMERGENCY

ENCLOSURE

EQUIPMENT

EACH WAY

existing

EXPANSION

EXTERIOR

FIRE ALARM

FLOOR DRAIN

FINISH FACE

FINISH FLOW LINE

FLUOR. FLUORESCENT

FIRE EXTINGUISHER

FIRE EXTINGUISHER CABINET

FLAT BAR

DRAWER

DEPARTMENT

DRINKING FOUNTAIN

APPROXIMATELY

CENTERLINE

NUMBER

EXISTING

ACOUST. ACOUSTICAL

ARCH. ARCHITECTURAL

APPROX.

AT THE END OF EACH DAY.

CONTRACTOR SHALL AT ALL TIMES KEEP THE SITE CLEAN AND FREE OF ALL WASTE MATERIAL OR RUBBISH CAUSED BY HIS

22. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR. SEE DSA IR A6

23. A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL HAVE CLASS 3 CERTIFICATION AND PROVIDE CONTINUOUS INSPECTION OF WORK. THE DUTIES OF THE INSPECTOR

24. NEW WORK SHALL CONFORM TO THE REQUIREMENTS OF THE EXISTING CONSTRUCTION TYPE.

25. CUTTING, BORING, SAWCUTTING 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.

SEE THE GENERAL CONDITIONS, THE SUPPLEMENTARY CONDITIONS AND DIVISION 1 OF THE SPECIFICATIONS FOR SPECIFIC 27. PROVED SIGN FOR DESIGN LIVE LOAD AND SPECIAL LOAD PER 2022 CBC CHAPTER 1, DIVISION II, SECTION 106.1

AND APPROPRIATE DETAILS ARE PROVIDED AND APPROVED BY D.S.A.

ALL CONSTRUCTION SHALL FULLY COMPLY WITH THE LOCAL BUILDING CODES AND REGULATIONS. ALL WORK SHALL ALSO 29. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES

30. FOR FIRE SAFETY DURING DEMOLITION AND CONSTRUCTION COMPLY WITH CFC CHAPTER 33

A. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED BY GOVERNING AUTHORITIES FOR THE 31. ALL WORK SHALL CONFORM TO 2022 EDITION, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)

32. A DSA-ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE SCHOOL BOARD SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

33. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OF NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE DSA-APPROVED DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH

THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A CONSTRUCTION CHANGE DOCUMENT, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK."

APPLICABLE CODES & REGULATIONS

APPLICABLE CODES AS OF JANUARY 1, 2023:

2022 CALIFORNIA 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 (CEC), PART 6, TITLE 24 CCR 2022 CALIFORNIA FIRE CODE (CFC), 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

PARTIAL LIST OF APPLICABLE STANDARDS:

NFPA 14 (2019) - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED) NFPA 17 (2021) - STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS NFPA 17A (2021) - STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS

NFPA 24 (2019) - STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (CA AMENDED)

NFPA 80 (2019) - STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES

UL 300 (2005, R2010) - STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT

UL 521 (1999) - STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS UL 1971 (2002, R2010) - STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED ICC 300 (2017) - STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2022 CBC (SFM) CHAPTER 35 AND CALIFORNIA

SEE CALIFORNIA BUILDING CODE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS

WIND LOADS - CONFORM TO 2022 CBC CHAPTER 16A, WITH THE FOLLOWING PARAMETERS **EXPOSURE C** A. EXPOSURE CATEGORY B. BASIC WIND SPEED 101 MPH C. TOPOGRAPHIC FACTOR Kzt=1.0D. RISK CATEGORY E. INTERNAL PRESSURE COEFFICIENT GCpi = 0.55

A. IMPORTANCE FACTOR B. RISK CATEGORY C. SITE CLASS

C. DESIGN LOAD BEARING = 4,000 PSF

EFFECTIVE DATE: 12/21/2018 FLOOD ZONE DESIGNATION: ZONE X

——— — Dash and Dot line

BREAK LINE

COMMUNITY

—— — — — Dash and Double dot line

ROOM DESIGNATION

Section designation

------- Room or Area title Room

------ number/Space number

NFPA 13 (2022) - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)

NFPA 72 (2022) - NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED)

NFPA 2001 (2018) - STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED)

UL 464 (2003) - AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES

FIRE CODE CHAPTER 80.

LATERAL LOADS DESIGN CRITERIA:

NFPA 20 (2019) - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION NFPA 22 (2019) - STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION

SEISMIC LOADS - CONFORM TO 2022 CBC CHAPTER 16A, WITH THE FOLLOWING PARAMETERS

D. SEISMIC ACCELERATION PARAMETERS Sds=1.542 Sd1=0.635 Ss = 1.927 S1 = 0.68

FEMA FIRM (FLOOD INFORMATION):

PANEL #: 06037C1595G

PROJECT DIRECTORY

STRUCTURAL ENGINEER

ATTN: BRIAN DEAN

684 CLARION COURT

Tel: 805-547-2000

ELECTRICAL ENGINEER FBA ENGINEERING

ATTN: ALAN BRAVO

Tel: 949-852-9995

COSTA MESA, CA 92626

Email: abravo@fbaengr.com

SAN LUIS OBISPO, CA 93401

Email: brian@tsstructural.com

150 PAULARINO AVENUE, SUITE A120

TAYLOR AND SYFAN STRUCTURAL ENGINEERS

CULVER CITY UNIFIED SCHOOL DISTRICT 4034 IRVING PLACE CULVER CITY, CA 90232 ATTN: Quoc Tran Tel. 310-842-4220 quoctran@ccusd.org

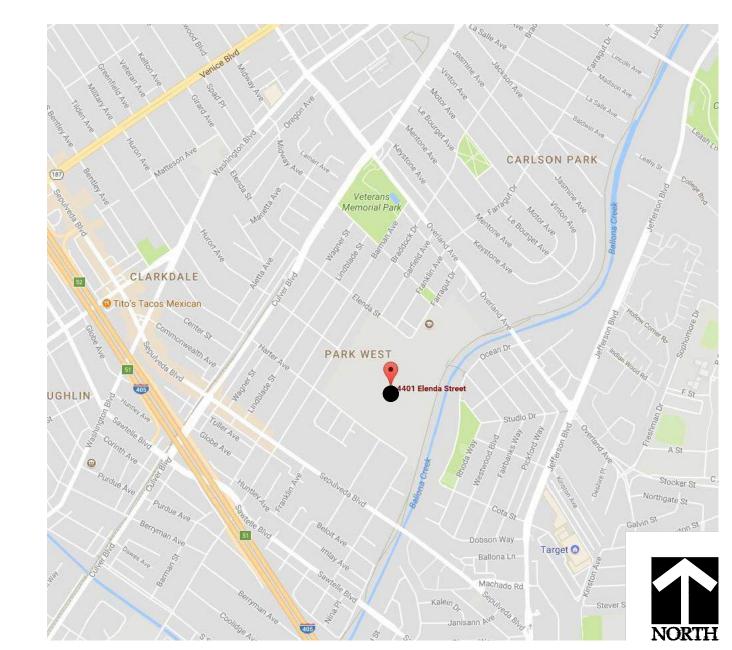
ARCHITECT RACHLIN PARTNERS ATTN: RICHARD INGRASSIA, AIA 8640 NATIONAL BOULEVARD CULVER CITY, CA 90232 Tel: 310-204-3400

Email: richard.ingrassia@huckabee-inc.com PROGRAM MANAGER HARRIS & ASSOCIATES ATTN: SEAN DUNBAR, CCM 633 W. 5TH STREET

LOS ANGELES, CA 90071 Tel: 323-494-6407 Email: sean.dunbar@weareharris.com CIVIL ENGINEER VCA ENGINEERS, INC.

ATTN: VIRGIL AOANAN 1041 SOUTH GARFIELD AVENUE, SUITE 210 ALHAMBRA, CA 91801 Tel: 323-729-6098 Email: virgil.aoanan@vcaeng.com

VICINITY MAP



GENERAL NOTES, LEGEND AND ABBREVIATIONS C-1.0 EXISTING CONDITIONS C-1.1 CD-1.0 SITE DEMOLITION PLAN C-2.0 SITE CONTROL AND UTILITY PLAN C-3.0 SITE GRADING PLAN C-4.0 MISCELLANEOUS DETAILS C-5.0 EROSION CONTROL PLAN 10. C-5.1 EROSION CONTROL DETAILS 11. C-6.0 OVEREXCAVATION PLAN 03 ARCHITECTURAL (04) 12. A111 OVERALL SITE PLAN A112 FIRE DEPARTMENT ACCESS PLAN 14. A113 ENLARGED SITE PLAN AND ENLARGED DEMOLITION SITE PLAN SITE DETAILS AND EXISTING BOYS RESTROOM AT CONCESSIONS BUILDING A 04 ELECTRICAL (07) GENERAL NOTES, SYMBOL LIST, FIXTURE SCHEDULE AND DETAIL 17. E-0.2 SINGLE LINE DIAGRAM, DETAILS, AND PANEL SCHEDULE FIRE ALARM EQUIPMENT SCHEDULE, RISER DIAGRAM BATTERY AND VOLTAGE DROP CALCULATIONS OUTDOOR TITLE 24 20. E1-0 SITE ELECTRICAL PLAN 21. E1-1 ENLARGED SITE ELECTRICAL PLAN 22. E-2.0 PRESSBOX ELECTRICAL PLANS 05 SOUTHERN BLEACHER COMPANY FOR NEW PRESS BOX AND STAIRS (20) COVER PAGE GENERAL NOTES FOOTING LAYOUT * B3 * B4 NOT USED * B5 PIER DETAILS UNDERSTRUCTURE LAYOUT **ELEVATION VIEWS** SECTION VIEWS SIGHT LINES * B10 PRESS BOX LAYOUT PRESS BOX FRAMIG PLAN * B13 PRESS BOX ROOF HATCH * B14 PRESS BOX DETAILS

Sheet Name

GENERAL INFORMATION / SHEET INDEX

Sheet Number

1. G001

2. G101

02 CIVIL (09)

01 GENERAL (02)

COVER SHEET

TOTAL = 42 SHEETS

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

File No. ____19-H30 (Application No. 03-122987

The drawings or sheets listed on the cover or index sheet as indicated by an asterisk * The drawing, page of specifications/calculations

licensed and/or authorized to prepare such drawings in this state. It has been

examined by me for: 1) design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared

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

The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1. (Title 24, Part 1, Section 4-317 (b))

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	formance with the project		nformance with the proj
design intent, and has/have been coord	inated with the project	design intent, and	rdinated with the projec
plans and specification		plans and specifica	
How M	2-14-2023		
		- - Signature	Data
Signa x ure	Date	Signature	Date
Signa/ure	Date	Signature	Date
Architect or Engineer de		Architect or Engineer de	esignated responsibility
Architect or Engineer de			esignated responsibility
Architect or Engineer de		Architect or Engineer de	esignated responsibility
Architect or Engineer de responsible charge		Architect or Engineer de	esignated responsibility
responsible charge RICHARD INGRASSIA		Architect or Engineer de for the portion of the wo	esignated responsibility

DSA Stamp

 \mathcal{C} √ 04 40

1 02-14-2023 DSA SUBMISSION

Date: 02.14.2023 Scale:

Taylor and Syfan Structural Engineers FBA Engineering

6. CODES AND REGULATIONS CONFORM TO TITLE 24, 2022 CALIFORNIA CODE OF REGULATIONS (CCR).

COMPLETION OF THE WORK. THE FEES, CHARGES OR OTHER COSTS PAID BY THE CONTRACTOR FOR SAID PERMITS WILL BE REIMBURSED TO THE CONTRACTOR BY THE OWNER IN THE AMOUNTS SO PAID.

B. THE CONTRACTOR SHALL PROCURE ALL NOTICES AND LICENSES REQUIRED FOR THE COMPLETION OF THE WORK. THE COST OF THESE NOTICES AND LICENSES IS INCIDENTAL TO OTHER ITEMS OF WORK AND NO ADDITIONAL PAYMENT WILL BE MADE FOR COSTS INCURRED BY OBTAINING NOTICES AND LICENSES OR IN CONFORMING TO THE REQUIREMENTS THEREOF.

C. TRENCHES OR EXCAVATIONS 5 FEET OR MORE IN DEPTH INTO WHICH A PERSON IS REQUIRED TO DESCEND,

REQUIRE A SEPARATE PERMIT FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY. D. PRIOR TO THE ISSUANCE OF A BUILDING PERMIT, THE CONTRACTOR SHALL HAVE EVIDENCE OF CURRENT WORKMAN'S

CONTRACTOR IN UNDERSTANDING THE COMPLETE SCOPE OF WORK

COMPENSATION INSURANCE COVERAGE.

VARIANCES BETWEEN ACTUAL CONDITIONS AND DRAWINGS

CONTRACTOR FOR ADDITIONAL CHARGES DUE TO SAID MINOR DISCREPANCIES.

APPROVED MATERIALS AND INSTALLATION PROCEDURES SEE THE SPECIFICATIONS.

REQUIREMENTS RELATED TO PROJECT COORDINATION.

FINISH MATERIALS SHALL BE PROVIDED BY THE ARCHITECT PRIOR TO EXECUTION OF THE WORK.

EXISTING CONDITIONS AND THE DRAWINGS.

2. INTENT OF THE DRAWINGS

THE "SCOPE OF WORK" NOTES.

3. GENERIC NAMES

a. The Owner or the Owner's designated representative, and the Owner's consultants will assume no

responsibility for variances between actual existing conditions and conditions depicted as existing on the

B. THE CONTRACTOR SHALL INSPECT THE SITE AND THE BUILDINGS, AND SHALL VERIFY TO HIS OWN SATISFACTION THE

CONDITIONS SHOWN ON THE DRAWINGS, WHICH MATERIALLY AFFECT THE CONTRACTOR'S ABILITY TO EXECUTE THE WORK.

HE SHALL IMMEDIATELY INFORM THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE OF ANY DISCREPANCIES BETWEEN

C. THE CONTRACTOR SHALL ASSUME THAT THERE MAY BE MINOR DIFFERENCES BETWEEN ACTUAL FIELD CONDITIONS AND

CONDITIONS DEPICTED AS EXISTING ON THE DRAWINGS. THE OWNER WILL NOT CONSIDER REQUESTS FROM THE

D. IF THE CONTRACTOR ENCOUNTERS MAJOR DIFFERENCES BETWEEN ACTUAL FIELD CONDITIONS AND CONDITIONS

DEPICTED AS EXISTING ON THE DRAWINGS, THE CONTRACTOR SHALL STOP WORK IN THE AFFECTED AREA, AND SHALL

IMMEDIATELY NOTIFY THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE OF SAID DIFFERENCES. THE OWNER OR

OWNER'S DESIGNATED REPRESENTATIVE WILL PROVIDE INSTRUCTIONS FOR PROCEEDING IN THE AFFECTED AREA. THE

A. THE CONTRACTOR SHALL VISIT THE SITE AND EXAMINE THE CONDITIONS THEREON, AND THOROUGHLY ACQUAINT

HIMSELF WITH OBSTACLES AND ADVANTAGES FOR PERFORMING THE WORK. THE CONTRACTOR SHALL REVIEW THE DRAWINGS

AND SPECIFICATIONS, AS THERE ARE REQUIREMENTS SHOWN THEREIN THAT SIGNIFICANTLY AFFECT THE SCOPE OF THE WORK.

NO ADDITIONAL CHARGES WILL BE CONSIDERED FOR WORK CAUSED BY THE CONTRACTOR'S UNFAMILIARITY WITH THE SITE,

and the drawings and specifications, or failure of the owner or the owner's designated representative or

OWNER'S CONSULTANTS TO ENUMERATE THE COMPLETE SCOPE OF WORK, AS REQUIRED BY THE CONTRACT DOCUMENTS, IN

B. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR

RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS

DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT

(CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE

DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT

SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR)

THE DRAWINGS IDENTIFY MATERIALS BY GENERIC NAME, UNLESS PREFACED WITH "BASIS OF DESIGN". FOR A DESCRIPTION OF

unless otherwise noted on the drawings or in the specifications, the selection of colors and textures for

CONTRACTOR SHALL PROCEED WITH ALL OTHER WORK ITEMS AS REQUIRED BY THE CONTRACT DOCUMENTS.

8. GENERAL CONDITIONS THE GENERAL CONDITIONS AND ANY SUPPLEMENTAL CONDITIONS WHICH MAY BE ATTACHED OR INCLUDED AS PART OF OWNER - CONTRACTOR AGREEMENT ARE A PART OF THESE CONTRACT DOCUMENTS.

SPECIFICATIONS, WHICH ARE BOUND SEPARATELY, ARE PART OF THE CONTRACT. REFERENCE TO SECTIONS OF THE

THE SPECIFICATIONS

10. <u>BIDDING</u> all contractors, sub or general, bidding or constructing any portion of this project, shall be held to be RESPONSIBLE TO REVIEW AND INCLUDE IN ANY BID SUBMITTED, ALL OTHER DRAWINGS AND SPECIFICATIONS, WHICH FORM A PART OF THESE CONSTRUCTION DOCUMENTS INCLUDING, BUT NOT LIMITED TO, ARCHITECTURAL, GENERAL NOTES, CIVIL, LANDSCAPE, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND EQUIPMENT PLANS AS MAY APPLY TO SAID TRADE BIDDING.

IN WRITING OF SUCH ERRORS OR OMISSIONS. IF THE CONTRACTOR FAILS TO GIVE SUCH NOTICE IMMEDIATELY, HE WILL BE

SPECIFICATIONS IN THE NOTES DESCRIBING THE SCOPE OF WORK ARE INTENDED AS A GUIDE ONLY AND TO ASSIST THE

11. <u>VERIFICATION</u>

the contractor shall verify all sizes or preparatory work for equipment of others and shall coordinate the WORK ON THIS CONTRACT WITH ALL WORK FURNISHED BY OTHERS. 12. DISCREPANCIES

A. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND ALL EXISTING CONDITIONS AT THE SITE BEFORE COMMENCING WORK, AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF WORK. B. IF ANY ERRORS OR OMISSION APPEAR IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT

HELD RESPONSIBLE FOR THE RESULTS OF SUCH ERRORS OR OMISSIONS AND FOR THE COST OF RECTIFYING SAME. C. IN CASE OF DISCREPANCIES BETWEEN ARCHITECTURAL AND CONSULTANT DRAWINGS, THE ARCHITECT WILL DETERMINE THE CORRECT INTENT OF THE WORK.

D. SHOULD THE DRAWINGS IN THEMSELVES OR WITH THE SPECIFICATIONS OR SHOULD THE SPECIFICATIONS IN THEMSELVES DISAGREE, THE HIGHER QUALITY AND / OR GREATER QUANTITY OF WORK OR MATERIAL SHALL BE ESTIMATED UPON, AND UNLESS OTHERWISE CLARIFIED IN WRITING BY THE ARCHITECT, SHALL BE FURNISH AND INSTALLED.

THE CONTRACTOR SHALL NOT DEVIATE FROM THE DESIGN INTENT AND CONSTRUCTION DETAILS WITHOUT OBTAINING PRIOR APPROVAL FROM THE OWNER AND THE ARCHITECT. 14. <u>DETAILS</u>

13. DESIGN INTENT

DETAILS ARE NOT INTENDED TO SHOW METHOD AND MANNER OF ACCOMPLISHING THE WORK. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT THE JOB DIMENSIONS OR CONDITIONS AND SHALL BE INCLUDED AS PART OF THE WORK. 15. <u>DIMENSIONS</u>

DIMENSIONS AS SHOWN TAKE PRECEDENCE OVER ANY CONDITIONS GRAPHICALLY SHOWN ON THE DRAWINGS. DO NOT SCALE THE DRAWINGS. WHEN IN DOUBT, ASK THE ARCHITECT FOR A CLARIFICATION.

"typical" means all, except as specifically noted. "similar" means there are slight variations among conditions

DIMENSIONS ARE TO FACE OF STUD (FOS), FACE OF CONCRETE (FOC) OR FACE OF MASONRY (FOM) UNLESS NOTED OTHERWISE.

17. DAMAGE AND THEFT

WHERE THE DETAIL OCCURS.

any work or materials of one trade damaged by another trade becomes the responsibility of the offending TRADE. THE DAMAGED WORK SHALL BE REPAIRED OR REPLACED BY THE ORIGINAL INSTALLER AND THE COSTS BORN E BY THE OFFENDER, ANY MATERIALS STOLEN FROM THE PREMISES OR DAMAGED EITHER BEFORE OR AFTER INSTALLATION SHALL BE REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS SUCH AS BARRICADES, GUARDS, ETC., AS REQUIRED TO PREVENT DAMAGE AND THEFT. SPECIAL CARE SHALL BE TAKEN TO PROTECT WORK IN PLACE, MATERIALS AND EQUIPMENT STORED, ETC., FROM THEFT AND VANDALISM.

18. PROTECTION OF EXISTING UTILITIES

THE CONTRACTOR SHALL MAINTAIN THE UTILITIES TO THE EXISTING BUILDING OR PROVIDE TEMPORARY SERVICE CONNECTIONS AS

19. COORDINATION OF TRADES

A. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE TIMELY ARRIVAL OF ALL SPECIFIED FINISH MATERIALS, EQUIPMENT, LIGHT FIXTURES AND OTHER SUCH MATERIAL'S) TO BE UTILIZED ON THIS PROJECT. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING WITHIN 30 DAYS OF THE DATE OF CONTRACT OF THOSE SPECIFIED ITEMS THAT MAY NOT BE readily available and of equal quantity and description. If notification is not received by the architect, the

Contractor shall accept responsibility for the proper ordering and follow up on specified items and shall PURSUE WHATEVER MEANS NECESSARY AT NO ADDITIONAL COST TO THE OWNER, TO INSURE AVAILABILITY OF ALL SPECIFIED ITEMS SO AS NOT TO CREATE A HARDSHIP ON THE OWNER AND NOT TO DELAY PROGRESS OF THE WORK. NO EXTENSION OF TIME TO THE CONTRACT WILL BE ALLOWED FOR THE CONTRACTOR'S INABILITY TO SECURE SPECIFIED ITEMS.

E. CONTRACTOR SHALL PROVIDE AND COORDINATE THE EXACT DIMENSIONS, SIZES AND POSITIONS OF OPENINGS IN SLABS AND WALLS NECESSARY FOR THE INSTALLATION OF THE WORK.

RESTROOM PARTITIONS, RESTROOM ROOM ACCESSORIES, LIGHT FIXTURES, ETC.

CONTRACTOR SHALL MAINTAIN CONTINUOUS DUST ABATEMENT PROCEDURES INCLUDING VACUUMING, TRASH REMOVAL AND MATS AT ALL ENTRIES TO THE CONSTRUCTION AREA. PROVIDE EFFECTIVE DUST CONTROL BY MEANS OF FREQUENT SPRINKLING

AND WATERING. EXCESSIVE BLOWING OF DUST OR CONCRETE MAY BE PUMPED. THE JOB SITE SHALL BE LEFT CLEAN AND ORDERLY

OPERATIONS. AT THE COMPLETION OF THE WORK, THE CONTRACTOR SHALL REMOVE ALL WASTE MATERIALS AND RUBBISH FROM AND ABOUT THE PROJECT AS WELL AS ALL TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY AND SURPLUS MATERIALS.

ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.

26. DRINKING WATER WELLS SHALL COMPLY WITH ALL LOCAL HEALTH DEPARTMENT REQUIREMENTS.

28. DO NOT ALTER OR REMOVE ANY EXISTING SHEAR WALLS OR BEARING WALLS UNLESS SO IDENTIFIED ON THE DRAWINGS

TITLE 24, CALIFORNIA CODE OF REGULATIONS, AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK. 34. "IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH

ABBREVIATIONS

RADIUS ROOF DRAIN FACE OF STUD FACE OF MASONRY RIM ELEVATION F.O.W. FACE OF WALL REINFORCING BAR REBAR FIREPROOF REFERENCE FOOT OR FEET REINF. REINFORCED **FOOTING** REQD. REQUIRED FURRING FUTURE RESILIENT FIELD VERIFY ASPHALT CONCRETE ROOM GAUGE ADJUSTABLE SHELVING REDWOOD GALV. GALVANIZED GALVANIZED IRON SPLASH BLOCK GLU-LAM. GLUED LAMINATED SOLID CORE GROUND SCHED. SCHEDULE GYP. BD. GYPSUM WALL BOARD STORM DRAIN SECURITY SHEET HOLLOW CORE SIMILAR HARDBOARD HDBD. SHEET METAL HDWD. HARDWOOD BUILT UP ROOFING SPECS. HDWE. HARDWARF SQUARE HOLLOW METAL SERVICE SINK HORIZ. HOUR CORNER GUARD HEIGHT STANDARD CONSTRUCTION JOINT INSIDE DIAMETER STORAGE STOR. INVERT ELEVATION STRUCT. STRUCTURAL INSULATION INTERIOR SUSPENDED JANITOR SYMMETRICAL KIT. KITCHEN CLEAN OUT TO GRADE LABORATORY CONTROL POINT LAVATORY TELEPHONE **TEMPERED** MAXIMUM MECH. MEMB. MFR. MECHANICAL

REINFORCED FIBERGLASS ROUGH OPENING R.W.L. RAIN WATER LEADER SPECIFICATIONS 1 Sanitary Sewer STAINLESS STEEL S.T.S.M.S. SELF-TAPPING SHEET METAL SHEET VINYL FLOORING TOP OF CONCRETE OR CURB **TONGUE & GROOVE** TOP OF FRAMING TOP OF STEEL TOP OF PAVEMENT STRUCTURAL TUBE

MEMBRANE MANUFACTURER MAN HOLE MISCELLANEOUS MOISTURE RESISTANT GYPSUM BOARD TRANSITION STRIP METAL THRESHOLD TELEVISION MOUNTED TOP OF WALL METAL METAL TOILET PARTITION U.N.O. UNLESS NOTED OTHERWISE ur. urinal URINAL SCREEN U.C. UNDER COUNTER / CABINET VERTICAL VERT. VEST. VESTIBULE

N..S. OBSC. OBSCURE ON CENTER OUTSIDE DIAMENTER OWNER-FURNISHED WATER CONTRACTOR-INSTALLED OFFICE O.F.O.I. OWNER-FURNISHED OWNER-INSTALLED OPPOSITE HAND WNSCT. **OPPOSITE** PARTITION PANIC BOLT

M.T.P. MULL. NOT IN CONTRACT NUMBER NOM. NOMINAL NOT TO SCALE

WATER CLOSET WOOD WATER HEATER WAINSCOT WITHOUT **WORKING PONT** WFIGHT

W.W.F. WELDED WIRE FABRIC

PLASTIC LAMINATE PLYWOOD PRESSED METAL FRAME POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH

P.T.W.R. PAPER TOWEL WASTE RECEPTACLE

PLYWD.

——— <u>COLUMN GRID LINES</u>

Wall Sheet location Specific door in room Room number/space number D120A WINDOW TYPE

Elevation number

Sheet location

 THE ADDITION OF ASPHALT PAVING FOR PATH OF TRAVEL TO PRESS BOX ADD AMBULATORY STALL TO BOYS RESTROOM PER DETAIL 10/A811 AT EXISTING CONCESSIONS BUILDING A GLASS TYPE

 CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE. LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS

EQUIPMENT SYMBOL MECHANICAL SYSTEM ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR MILLWORK SYMBOL ENVELOPE AND PROCESS EQUIPMENT ACCEPTANCE TESTS SHALL BE PERFORMED BY THE INSTALLING

INTERIOR FINISHES A LISTING OF CERTIFIED ATT CAN BE FOUND AT: HTTPS://WWW.ENERGY.CA.GOV/PROGRAMS-AND-TOPICS/PROGRAMS/ <u>REVISION KEY</u> CONSTRUCTION KEYNOTES

ACCEPTANCE-TEST-TECHNICIAN-CERTIFICATION-PROVIDER-PROGRAM/ACCEPTANCE.

 THE ACCEPTANCE TESTING PROCEDURES MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTRUCTION/INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.

ACCEPTANCE TEST TECHNICIAN (ATT).

PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.

CONTRACTOR, ENGINEER/ARCHITECT OF RECORD OR THE OWNER'S AGENT.

 PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.

> 40. * B18 PLANK DETAILS 41. * B19 EXIT DETAILS 42. * B20 DETAILS

PRESS BOX DETAILS

REFLECTED CEILING PLAN

APPENDIX "A" - MATERIAL SPECS

* B15

* B16

STATEMENT OF GENERAL CONFORMANCE

have been prepared by other design professionals or consultants who are

Sheet Title

GENERAL NOTES:

- 1. ALL WORK PERFORMED IN THIS CONTRACT SHALL CONFORM TO:
 - A. PROJECT SPECIFICATIONS.
 - B. ALL SHALL CONFORM TO THE LATEST EDITION AND SUPPLEMENTS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC) AND AMERICAN PUBLIC WORKS ASSOCIATION (APWA).
 - C. CULVER CITY UNIFIED SCHOOL DISTRICT STANDARDS AND SPECIFICATIONS.
 - D. CALIFORNIA BUILDING CODE, 2022.
- 2. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE WORK SPECIFIED ON THE DRAWINGS AND WITHIN THE VARIOUS NOTES SHOWN HEREIN.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES IN THE AREA OF WORK WHICH ARE NOT INCLUDED IN THIS CONSTRUCTION. ANY DAMAGE RESULTING FROM THIS WORK SHALL BE REPAIRED AND/OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.

REMOVALS:

- EXISTING STRUCTURES AND SUBSTRUCTURES WHICH ARE INDICATED TO BE REMOVED IN THESE CONSTRUCTION DOCUMENTS SHALL BE TOTALLY REMOVED AND DISPOSED OF OFFSITE, UNLESS OTHERWISE INDICATED. EXISTING FACILITIES WHICH ARE DISCOVERED DURING CONSTRUCTION (INCLUDING WALLS, FOOTINGS AND FOUNDATIONS) SHALL BE REPORTED TO AND COORDINATED WITH THE ARCHITECT/IOR/OAR TO THEIR REMOVAL. CONTRACTOR WILL NOTIFY THE IOR/OAR IN WRITING PRIOR TO COMMENCING THE WORK.
- 5. ALL SITE PREPARATION AS INDICATED SHALL BE MADE UNDER THE CONTINUOUS INSPECTION OF THE IOR. SECURE THE REQUIRED PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY FOR THE CONSTRUCTION OF TRENCHES, SHORING OR EXCAVATIONS WHICH ARE 5 FEET OR DEEPER OR WORK THAT MAY JEOPARDIZE THE WORKERS. SHORING CALCULATIONS SHALL BE PROVIDED BY THE CONTRACTOR AS REQUIRED FOR APPROVAL AND PERMITTING.
- 6. THE CONTRACTOR SHALL KEEP THE CONSTRUCTION AREA SUFFICIENTLY DAMPENED TO CONTROL DUST CAUSED BY WORK ACTIVITIES AS REQUIRED BY THE CITY AND JURISDICTIONAL AGENCY.
- 7. ALL FILL OR BACKFILL SHALL BE COMPACTED 90% DENSITY PER ASTM D1557.
- 8. CONSTRUCTION STAKING FOR IMPROVEMENTS SHOWN ON THESE PLANS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR PAID FOR BY THE CONTRACTOR AND AND INCLUDED IN THE CONTRACT.
- 9. VOIDS RESULTING FROM REMOVAL WORK SHALL BE FILLED WITH SUITABLE MATERIALS APPROVED BY THE OWNER RETAINED GEOTECHNICAL ENGINEER AND COMPACTED TO 90% DENSITY PER ASTM D-1557.
- 10. UPON COMPLETION OF THE PROJECT, CONTRACTOR SHALL REMOVE EXISTING CONSTRUCTION FENCING, APPURTENANCES AND OFFICE TRAILERS FROM THE SITE. PAVEMENT SHALL BE PATCHED AND REPAIRED TO MATCH ADJACENT PAVEMENT AND APPROVED BY THE IOR AS APPLICABLE.
- 11. ANY ADDITIONAL SURVEYS OR TESTING AS A RESULT OF CONTRACTOR ERROR OR MISINFORMATION WILL BE CHARGED TO THE CONTRACTOR.
- 12. CONSTRUCT STRAIGHT GRADES BETWEEN ELEVATIONS SHOWN ON PLAN UNLESS INTERRUPTED BY A GRADE CHANGE LINE. ANY DEVIATION FROM THE GRADING PLAN MUST HAVE PRIOR APPROVAL FROM THE ENGINEER.
- 13. GRADE LAWN, TURF, AND PLANTING AREA 1-1/2" BELOW DESIGN GRADES INDICATED.
- 14. MAINTAIN A RECORD OF LOCATION OF UTILITY MARKERS ON THE AS-BUILT PLAN AND REINSTALL THEM AFTER PAVING. REPLACE BENT OR UNUSABLE MARKERS FOR ALL UTILITY LINES DISCOVERED WITHIN THE WORK AREA. INSTALL BRASS UTILITY MARKERS INDICATING DIRECTIONS OF LINES AT ALL CHANGES IN DIRECTIONS AFTER PAVING. INFORM THE SURVEYOR TO LOCATE AND RECORD ACTUAL LOCATIONS.
- 15. IF EXISTING UTILITIES ARE EXPOSED OR DETERMINED TO EXIST UNDER THE ROUGH GRADING SITE, CONTRACTOR SHALL PROVIDE A FLAGGED STAKE THAT INDICATES THEIR LOCATION, TYPE OF UTILITY, SIZE, PIPE MATERIAL AND DEPTH. STAKES SHALL BE INSTALLED NO LESS THAN 50' ON CENTER ON STRAIGHT LINES AND AT BENDS.
- 16. UNCLOG, CLEAN AND FLUSH THE WORK AREA DRAINAGE SYSTEM AFTER PAVING AND IMMEDIATELY BEFORE A RAIN FORECAST.
- 17. THE PROPOSED GRADE IS THE FINAL GRADE AND NOT THE ROUGH GRADE. THE CONTRACTOR SHALL SUBTRACT THE THICKNESS OF THE PAVED SECTION AND/OR LANDSCAPE TOPSOIL SECTION TO ARRIVE AT THE ROUGH GRADE ELEVATION.
- 18. ALL EXPORT OF MATERIAL FROM THE SITE MUST GO TO A PERMITTED SITE OR A LEGAL DUMPSITE. RECEIPTS FOR ACCEPTANCE OF EXCESS MATERIAL BY A DUMPSITE ARE REQUIRED AND MUST BE PROVIDED TO THE INSPECTOR OF RECORD UPON REQUEST.
- 19. A COPY OF THE GRADING PERMIT AND APPROVED GRADING PLANS MUST BE IN THE POSSESSION OF A RESPONSIBLE PERSON AND AVAILABLE AT THE SITE AT ALL TIMES
- 20. SITE BOUNDARIES, EASEMENTS, DRAINAGE DEVICES, RESTRICTED USE AREAS SHALL BE LOCATED PER CONSTRUCTION STAKING BY A LICENSED SURVEYOR. PRIOR TO GRADING, AS REQUESTED BY THE INSPECTOR OF RECORD, ALL PROPERTY LINES, EASEMENTS, AND RESTRICTED USE AREAS SHALL BE STAKED.
- 21. IF GRADING AUTHORIZED BY THIS PLAN IS TO EXTEND THROUGH THE RAINY SEASON, OCTOBER 1 THROUGH APRIL 15 OF THE FOLLOWING YEAR, SEPARATE UPDATED PLANS FOR EROSION CONTROL MUST BE SUBMITTED PRIOR TO OCTOBER TO THE ARCHITECT/IOR FOR APPROVAL. CONTRACTOR TO PROVIDE STORM WATER PREVENTION PLAN, PRE-CONSTRUCTION AND POST CONSTRUCTION BMPs AND UPDATE FROM TIME TO TIME TO COMPLY WITH THE REQUIREMENTS.
- 22. CONTRACTOR SHALL INSTALL TEMPORARY FENCING AROUND THE PERIMETER OF THE CONSTRUCTION SITE AND STAGING AREA. FENCING SHALL BE MINIMUM 8' TALL AND SHALL HAVE A DUST/VISION BARRIER ALONG THE FULL LENGTH. THE DUST/VISION BARRIER SHALL EXTEND THE LENGTH OF THE CONSTRUCTION SITE. THE FENCING SHALL BE ANCHORED TO THE SURFACE AND SHALL BE ABLE TO WITHSTAND A 200-POUND HORIZONTAL POINT LOAD IN ANY DIRECTION. WORK AREA AND STAGING AREA SHALL BE SECURE AT ALL TIMES.
- 23. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS, INCLUDING NPDES, FROM THE APPROPRIATE JURISDICTIONAL AGENCIES FOR DISCHARGE OF GROUND WATER THAT MAY BE NECESSARY TO ACCOMPLISH EXCAVATIONS SHOWN ON THESE PLANS.
- 24. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS.

GEOTECHNICAL NOTES:

- GENERAL CONSIDERATIONS

 ALL WORK MUST BE IN COMPLIANCE WITH THE RECOMMENDATIONS INCLUDED IN THE GEOTECHNICAL CONSULTANT'S REPORT.

 GEOTECHNICAL INVESTIGATION REPORT
 - CULVER CITY HIGH SCHOOL PRESS BOX PREPARED BY: TWINING CONSULTING PROJECT NO.: 220695.1 DECEMBER 8, 2022 (REVISED DECEMBER 14, 2022)
- EXCAVATION AND SUBGRADE PREPARATION
 MAIN STRUCTURE CAN BE SUPPORTED ON A CONVENTIONAL SPREAD FOOTINGS
 BEARING ON 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.
- MINOR STRUCTURES SUCH AS SLABS-ON-GRADE (SOGS), FENCING WALLS OR TRASH ENCLOSURES THAT ARE STRUCTURALLY SEPARATED FROM THE BUILDING MAY BE SUPPORTED ON CONVENTIONAL CONTINUOUS OR SPREAD FOOTINGS BEARING ON AT LEAST 2 FEET OF VERY LOW EXPANSIVE ENGINEERED FILL AND EMBEDDED A MINIMUM OF 12 INCHES BELOW THE LOWEST ADJACENT GRADE. PAVEMENTS AND HARDSCAPE SHOULD BE OVER-EXCAVATED AT LEAST 1 FOOT AS MEASURED FROM THE BOTTOM OF PAVEMENT OR HARDSCAPE SECTION.
- 3. LATERALLY, FOUNDATION EXCAVATION SHALL EXTEND BEYOND THE FOUNDATION LIMITS A MINIMUM DISTANCE EQUAL TO 3 FEET OR THE DEPTH OF THE OVER-EXCAVATION, WHICHEVER IS GREATER. EXCAVATION FOR OTHER IMPROVEMENTS SHOULD EXTEND LATERALLY AT LEAST 2 FEET BEYOND THE LIMITS OF THE IMPROVEMENTS.
- 4. THE EXTENT AND DEPTHS OF ALL REMOVAL SHALL BE EVALUATED BY THE TWINING'S REPRESENTATIVE IN THE FIELD BASED ON THE MATERIALS EXPOSED. SHOULD EXCAVATIONS EXPOSE SOFT SOILS CONSIDERED UNSUITABLE FOR USE AS FILL BY A TWINING REPRESENTATIVE, ADDITIONAL REMOVALS MAY BE RECOMMENDED.
- 5. THE EXPOSED EXCAVATION BOTTOM SHALL BE EVALUATED AND APPROVED BY THE GEOTECHNICAL ENGINEER. THE BOTTOM SHOULD THEN BE SCARIFIED TO A MINIMUM DEPTH OF 6 INCHES AND MOISTURE CONDITIONED TO ACHIEVE GENERALLY CONSISTENT MOISTURE CONTENTS WITHIN APPROXIMATELY 3 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT. THE SCARIFIED BOTTOM SHOULD BE COMPACTED TO AT LEAST 90 PERCENT RELATIVE COMPACTION IN ACCORDANCE WITH THE LATEST VERSION OF ASTM TEST METHOD D1557.
- 6. MATERIALS FOR FILL ON-SITE SOIL PROPOSED FOR USED AS FOUNDATION AND SOG SUPPORT SHALL BE REVIEWED BY THE GEOTECHNICAL ENGINEER TO CONFIRM THE LOW-EXPANSIVE NATURE OF THE SOIL PRIOR TO ITS USE. ALL FILL SOILS SHALL BE FREE OF ORGANICS, DEBRIS, ROCKS OR LUMPS OVER THREE INCHES IN LARGEST DIMENSION, OTHER DELETERIOUS MATERIAL, AND NOT MORE THAN 40 PERCENT LARGER THAN $\frac{3}{4}$ INCH. LARGER CHUNKS, IF GENERATED DURING EXCAVATION, MAY BE BROKEN INTO ACCEPTABLY SIZED PIECES OR MAYBE DISPOSED OF OFFSITE.
- IMPORTED FILL MATERIAL SHALL CONSIST OF GRANULAR SOIL HAVING A "VERY LOW" EXPANSION POTENTIAL. IMPORT MATERIAL SHOULD ALSO HAVE LOW CORROSION POTENTIAL.

 ALL FILLS SHALL BE EVALUATED AND APPROVED BY THE GEOTECHNICAL
- ALL FILLS SHALL BE EVALUATED AND APPROVED BY THE GEOTECHNICAL ENGINEER'S REPRESENTATIVE PRIOR TO IMPORTING OR FILLING.
- 7. COMPACTED FILL
 COMPACTED FILL SHALL BE PLACED IN HORIZONTAL LIFTS OF APPROXIMATELY 8
 TO 10 INCHES IN LOOSE THICKNESS, DEPENDING IN THE EQUIPMENT USED.
 PRIOR TO COMPACTION, EACH LIFT SHOULD BE MOISTURED CONDITION, MIXED,
 AND THEN COMPACTED BY MECHANICAL METHODS. THE MOISTURE CONTENT
 SHOULD BE WITHIN APPROXIMATELY 2 PERCENT ABOVE THE OPTIMUM MOISTURE
 CONTENT. FILL MATERIALS SHOULD BE COMPACTED TO A MINIMUM RELATIVE
 COMPACTION OF 90 PERCENT AS DETERMINED BY ASTM D1557.
- 8. TEMPORARY EXCAVATIONS
 VERTICAL SIDE SLOPES LESS THAN 4 FEET HIGH WILL GENERALLY BE STABLE.
 WHERE THE SPACE IS AVAILABLE, TEMPORARY, UNSURCHARGED EXCAVATION
 SIDES OVER 4 FEET IN HEIGHT SHOULD BE SLOPED NO STEEPER THAN AN
 INCLINATION OF 1.5H:1V (HORIZONTAL:VERTICAL). WHERE SLOPED EXCAVATIONS
 ARE CREATED, THE TOPS OF THE SLOPES SHOULD BE BARRICADED SO THAT THE
 VEHICLES AND STORAGE LOADS DO NOT ENCROACH WITHIN 10 FEET OF THE TOP
 OF THE EXCAVATED SLOPES. PERSONNEL FROM TWINING SHALL OBSERVE THE
 EXCAVATIONS SO THAT ANY NECESSARY MODIFICATIONS BASED ON VARIATIONS
 IN THE ENCOUNTERED SOIL CONDITIONS CAN BE MADE.
- 9. BACKFILL FOR UTILITY TRENCH
 WHEN PARALLEL TO ANY FOOTINGS, UTILITY TRENCHES AND PIPES SHALL BE
 LAID ABOVE AN IMAGINARY 2:1 (H:V) LINE PROJECTED DOWN FROM A POINT 9
 INCHES ABOVE THE BOTTOM EDGE OF THE FOOTING, AND NOT CLOSER THAN 18
 INCHES FROM THE FACE OF SUCH FOOTING. OTHERWISE, THE PIPE SHOULD BE
 ENCASED TO ACCEPT THE EFFECT FROM THE FOOTING LOAD.

DIAMETER OF TREE TRUNK

AGGREGATE BASE

ABBREVIATIONS(cont'n):

PXXX SDMH SMH SC TBS TC TCB TWAL TOS TTS TX TRANS TYP. UON UNK UT UTCO UTVLT VIS WS W WI YS	(SSPWC (SECTION) NO.) STORM DRAIN MANHOLE SEWER MANHOLE STORAGE CONTAINER TOP OF BOTTOM STEP TOP OF CURB TOP OF CURB BACK TOP OF WALL TOP OF STEP TOP OF TOP STEP TOP OF CURB AT X TRANSFORMER TYPICAL UNLESS OTHERWISE NOTED UNKNOWN UTILITY TOP OF UTILITY CLEANOUT UTILITY VAULT VERIFY IN FIELD WHITE STRIPE WIDTH WROUGHT IRON YELLOW STRIPE
(G)	TREE
	STUMP
* * *	FENCE & GATE
*	LIGHT POST
*	GROUND LIGHT
&	HANDICAP PARKING

LEGEND:

3" THICK ASPHALT PAVEMENT OVER 6.5" CRUSHED AGGREGATE BASE PER DETAIL 1 ON SHEET C-4.0.	
NEW BUILDING PER ARCHITECTURAL AND SOUTHERN BLEACHER COMPANY DRAWINGS.	
CONCRETE EXIT PAD PER SOUTHERN BLEACHER COMPANY DRAWINGS.	
REMOVE EXISTING AC PAVEMENT AND BASE MATERIAL, FULL DEPTH.	
CLEAR, GRUB AND REMOVE EXISTING TURF/PLANTER/SHRUBS/EXPOSED SUBGRADE AREA.	

PATH OF TRAVEL

LIMIT OF WORK

ENTIRETY.

LIMIT OF REMOVAL

ABBREVIATIONS:

X.X'D

AC	ASPHALT CONCRETE
ACGB	TOP OF ASPHALT GRADEBREAK
BFP	BACK FLOW PREVENTER
BLDG	BUILDING
BOH	BUILDING OVERHANG
BOW	TOP OF BACK OF WALK
BS	BLUE STRIPE
BSW	BACK OF SIDEWALK
BOS	BOTTOM OF STEP
BWAL	BACK OF WALL
BX	BOTTOM OF CURB AT X
CB	CATCH BASIN
CFL	CURB FLOWLINE
CLF	CHAIN LINK FENCE
COL	COLUMN
CONN	CONNECTION
CC	CEMENT CONCRETE
CDRAIN	CURB DRAIN
CF	CURB FACE
CONC	CONCRETE
DI	DUCTILE IRON, DROP INLET
DIA	DIAMETER
DWG(S)	DRAWING(S)
DWY	DRIVEWAY
ECAB	ELECTRICAL CABINET
EXIST, EX, (E)	EXISTING
EG	EDGE OF GUTTER
EP	EDGE OF PAVEMENT
EPB	ELECTRIC PULL BOX
EVLT	ELECTRICAL VAULT
FH	FIRE HYDRANT
FNC	FENCE
FL	FLOW LINE
FS	FINISHED SURFACE
FSW	FRONT OF SIDEWALK
GMTR	GAS METER
GB	GRADE BREAK
GFL	GUTTER FLOWLINE
GRD	GROUND
Н	HEIGHT
MH	MANHOLE
N.T.S	NOT TO SCALE
	PLANTER AREA
PA	
PB	PULL BOX

SURVEY NOTES:

SURVEYOR

MICHAEL A. FORKERT, L.S. NO.: 5662

REMOVE EXISTING SHRUBS AND ROOTS IN THEIR

FORKERT ENGINEERING AND SURVEYING, INC 22311 BROOKHURST ST., STE.I HUNTINGTON BEACH, CA 92646 PHONE:(714) 963-6793

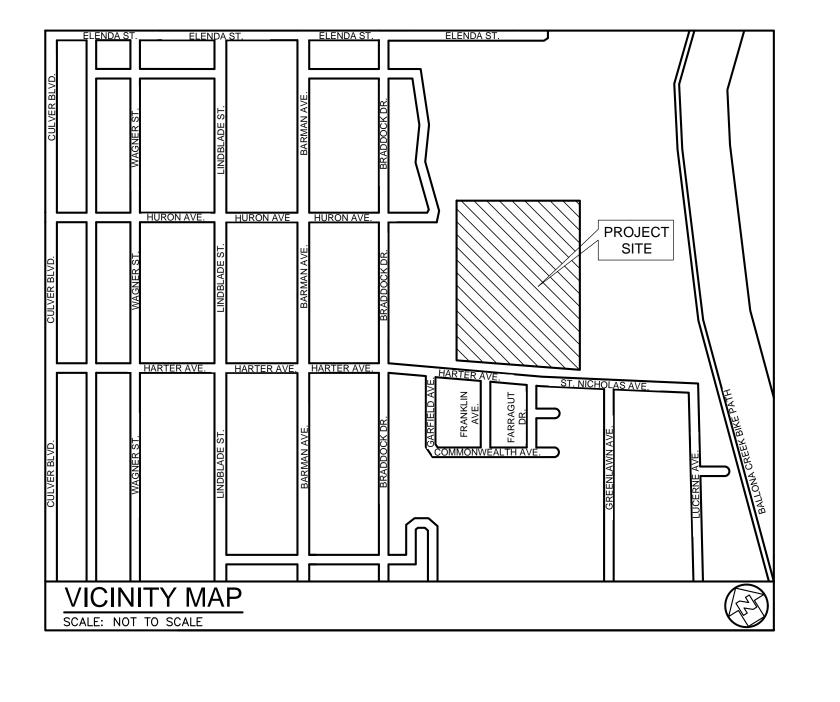
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SHEET INDEX:

SHEET NO.	SHEET TITLE
C-1.0	GENERAL NOTES, LEGEND AND ABBREVIATIONS
C-1.1	EXISTING CONDITIONS
CD-1.0	SITE DEMOLITION PLAN
C-2.0	SITE CONTROL PLAN
C-3.0	SITE GRADING PLAN
C-4.0	MISCELLANEOUS DETAILS
C-5.0	EROSION CONTROL PLAN
C-5.1	EROSION DETAILS
C-6.0	OVEREXCAVATION PLAN



IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT

APP: 03-122987 INC:

REVIEWED FOR

SS FLS ACS D

DATE: 06/20/2023

DSA Stamp Architect

RACHLIN

PARTNERS

8640 National Boulevard
Culver City, CA 90232
310.204.3400

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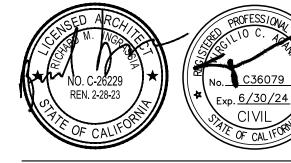
ulver City Unified School District 401 Flanda Street

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Date:02.14.2023 Scale: Drawn By: JS

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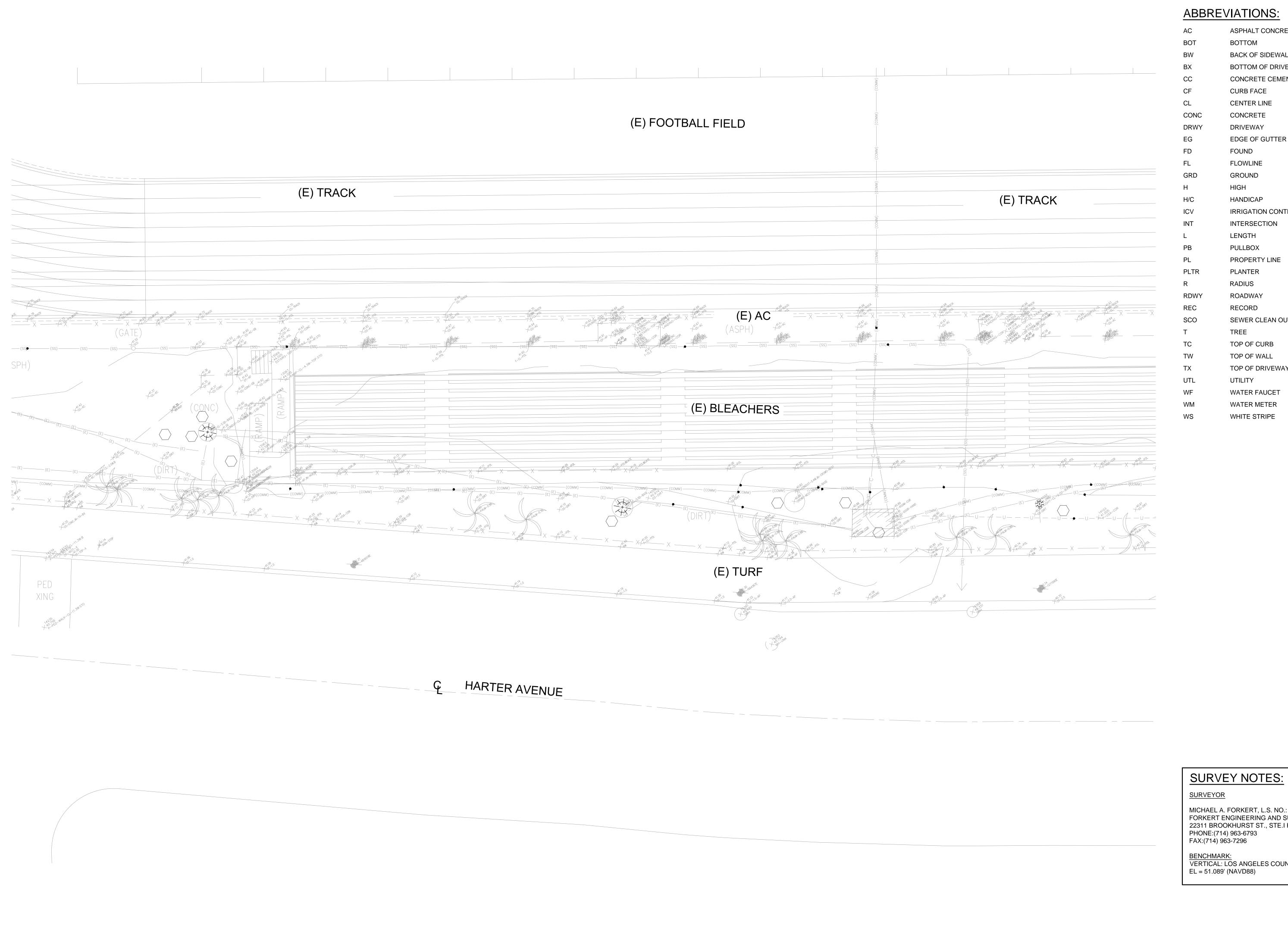


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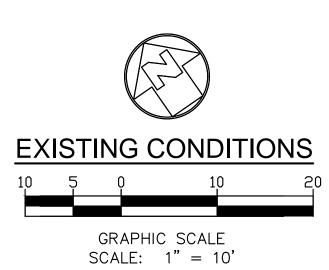
GENERAL NOTES, LEGENDS AND ABBREVATIONS

Sheet Number

C-1.0



FOR REFERENCE ONLY



ABBREVIATIONS:

BACK OF SIDEWALK

BOTTOM OF DRIVEWAY

CONCRETE CEMENT

CURB FACE

CONCRETE

DRIVEWAY

FOUND

HIGH

FLOWLINE

HANDICAP

LENGTH

PULLBOX

INTERSECTION

PROPERTY LINE

IRRIGATION CONTROL VALVE

EDGE OF GUTTER

CENTER LINE

ASPHALT CONCRETE

LEGEND:

FENCE & GATE

LIGHT POST **GROUND LIGHT**

HANDICAP PARKING

PLANTER **RADIUS** ROADWAY RECORD SEWER CLEAN OUT TREE TOP OF CURB

TOP OF WALL TOP OF DRIVEWAY UTILITY WATER FAUCET WATER METER

WHITE STRIPE

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RACHLIN

8640 National Boulevard Culver City, CA 90232 310.204.3400

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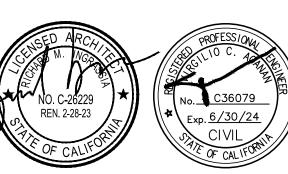
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Addition



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Sheet Title

EXISTING CONDITIONS

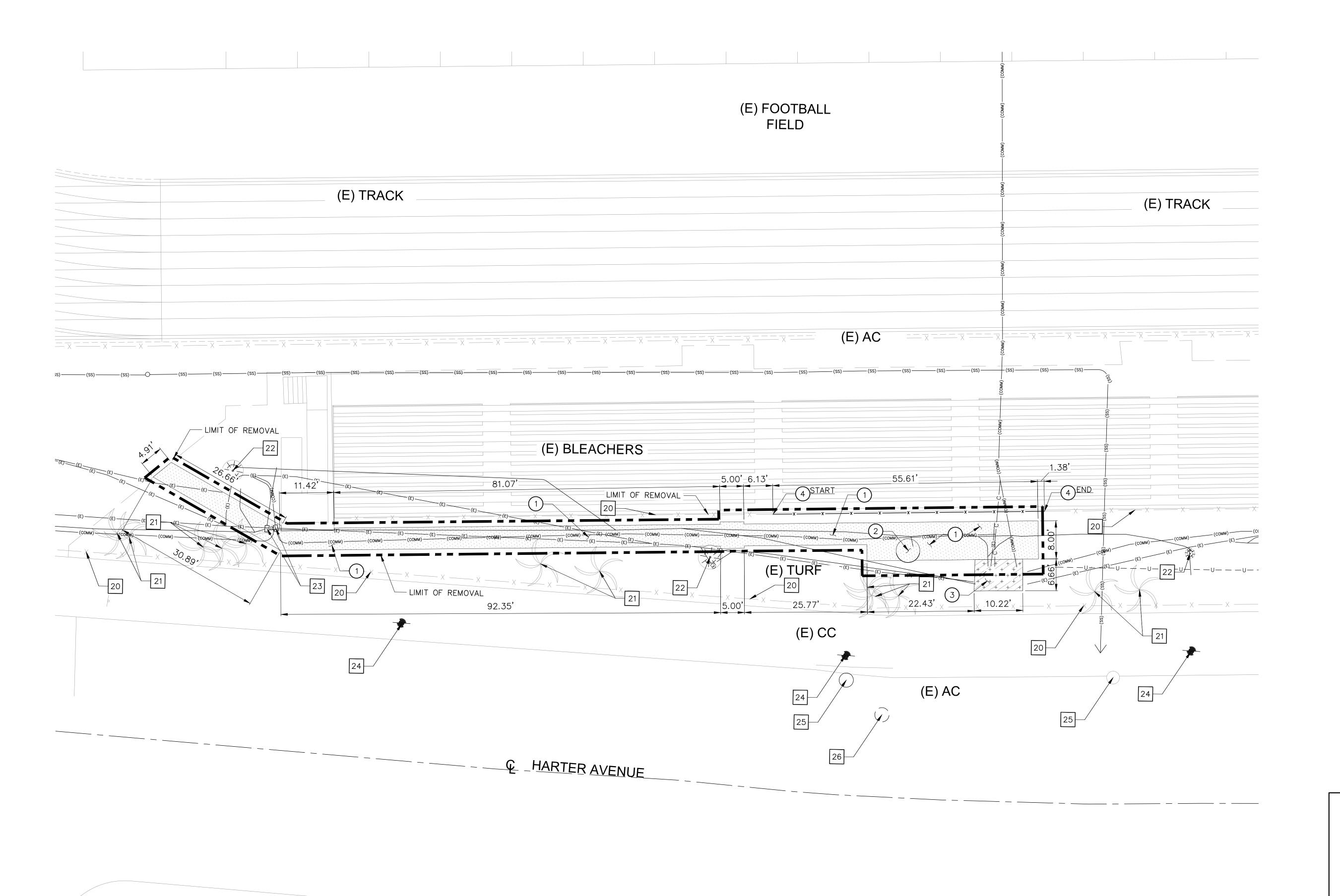
Sheet Number

C-1.1

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)



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.
- 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.
- 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.
- PROTECT IN PLACE EXISTING TREES, SHRUBS, SOD, ETC. COORDINATE WITH LANDSCAPE DRAWINGS.
- 22 PROTECT IN PLACE EXISTING LIGHT POLE.
- 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/PLANTER/SHRUBS/EXPOSED SUBGRADE AREA. REMOVE EXISTING SHRUBS AND ROOTS IN THEIR ENTIRETY

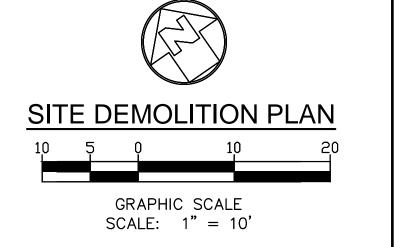
REMOVE EXISTING ELECTRICAL ROOM.

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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APP: 03-122987 INC:

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DATE: 06/20/2023

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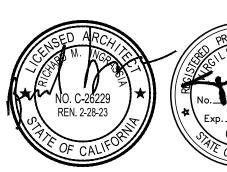
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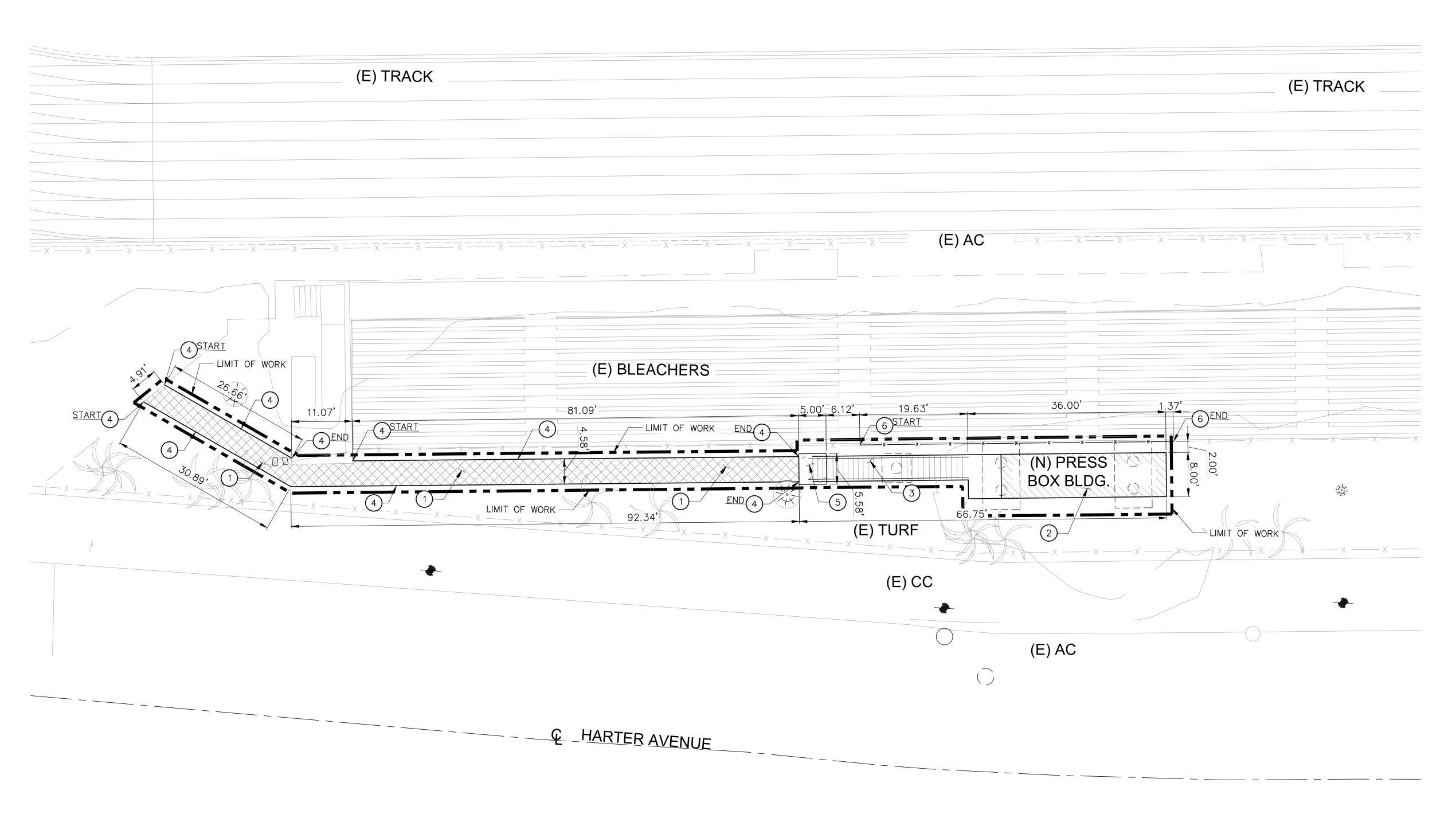
Sheet Title

SITE DEMOLITION PLAN

Sheet Number

CD-1.0

(E) FOOTBALL FIELD



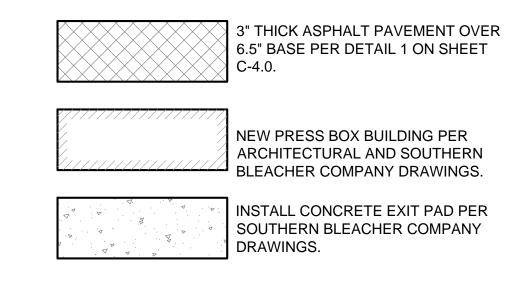
SHEET NOTES:

- 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.

CONSTRUCTION NOTES:

- 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:



LIMIT OF WORK

🕳 🕳 PATH OF TRAVEL

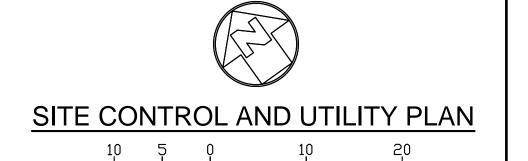
SURVEY NOTES:

<u>SURVEYOR</u>

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)



GRAPHIC SCALE SCALE: 1" = 10'

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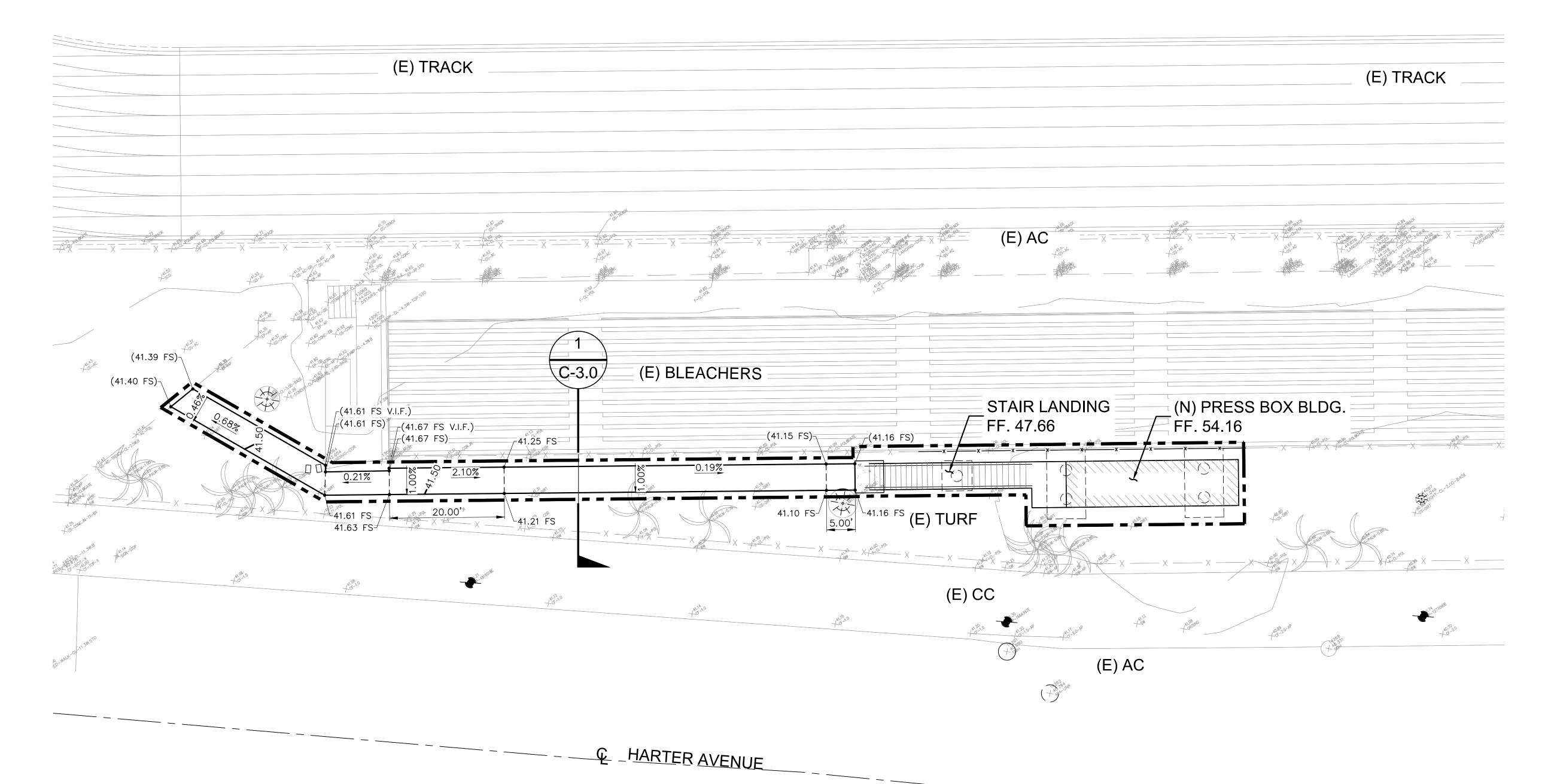
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Sheet Title

SITE CONTROL AND UTILITY PLAN

(E) FOOTBALL FIELD



(E) BLEACHER STRUCTURE-(E) FENCE— __(E) FENCE -FINISHED SURFACE -ASPHALT PAVEMENT EXISTING GRADE-√(E) LANDSCAPE ∠(E) CONCRETE PAVEMENT AC PAVEMENT EDGING CRUSHED AGGREGATE BASE COMPACTED FILL -COMPACTED SUBGRADE

GRADING SECTION

SCALE HOR 1"=10' VER 1"=2'

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.

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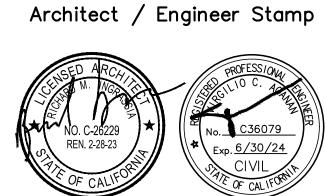
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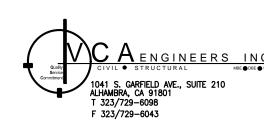
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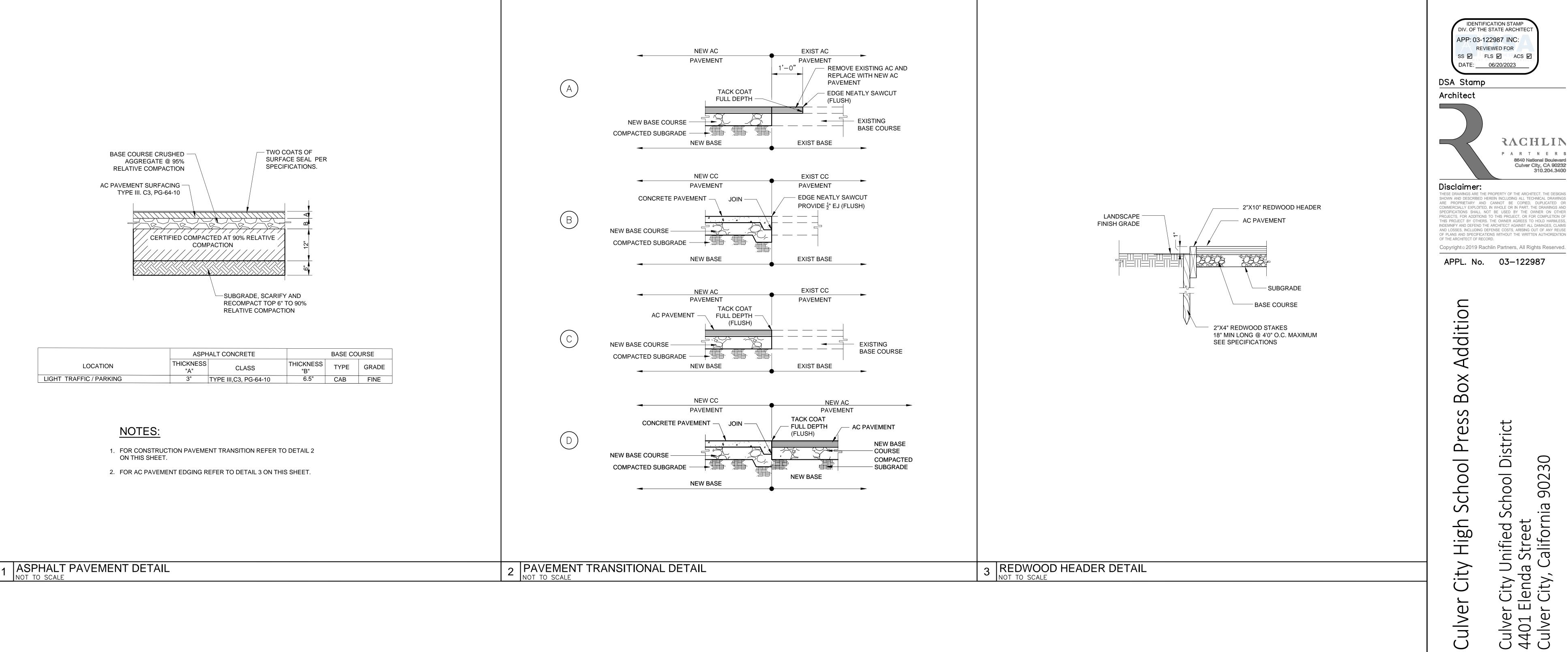
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SITE GRADING PLAN

Sheet Number

C-3.0

SITE CONTROL PLAN GRAPHIC SCALE SCALE: 1" = 10'



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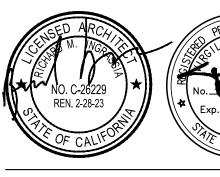
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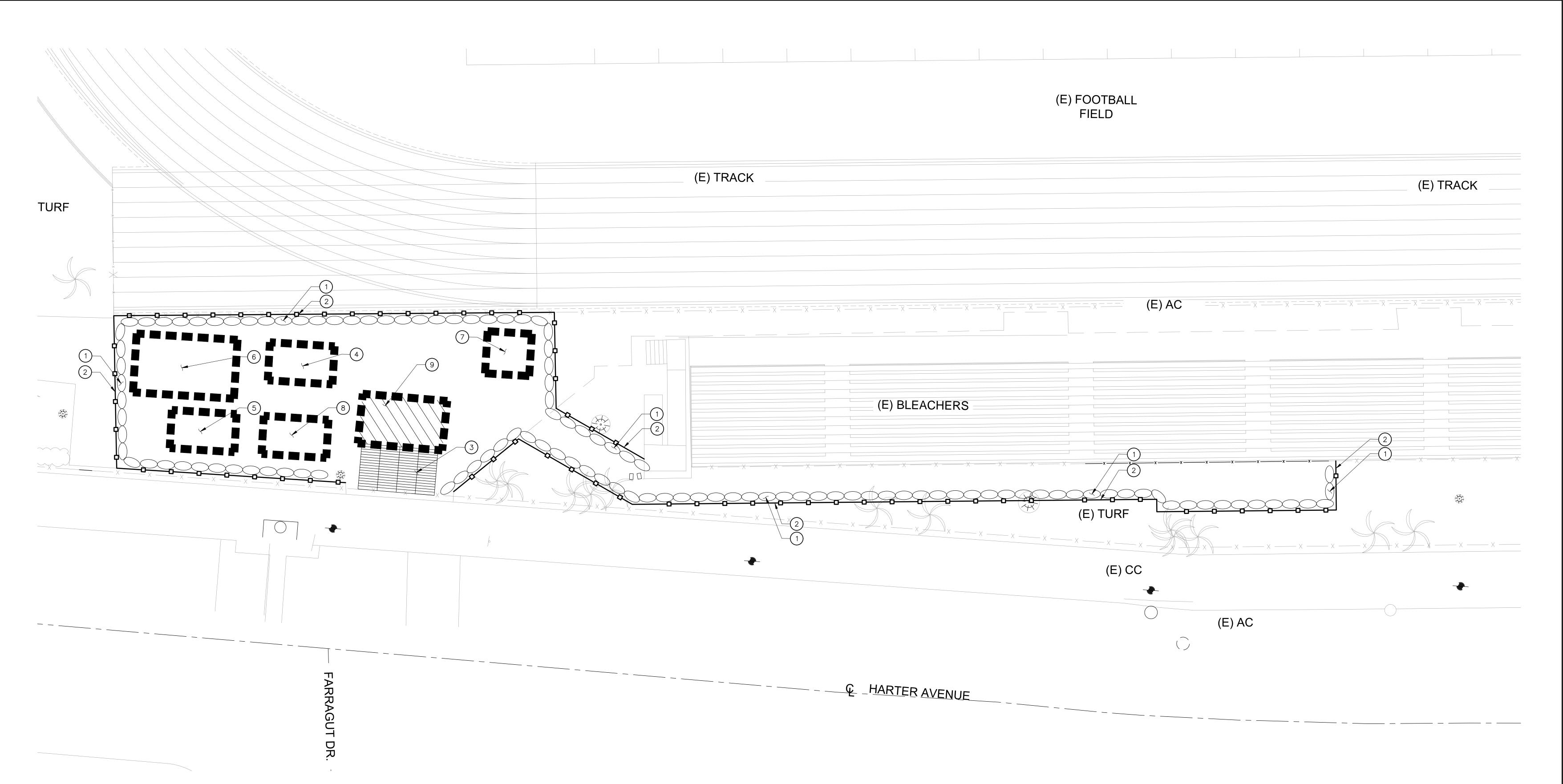


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Sheet Title

MISCELLANEOUS **DETAILS**

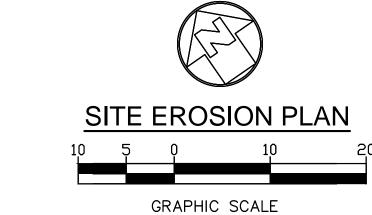


CONSTRUCTION NOTES:

- (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
- PROPOSED AREA FOR EQUIPMENT STAGING. CONTRACTOR TO VERIFY EXACT LOCATION AND COORDINATE WITH THE CONTRACTOR PROJECT MANAGER.
- PROPOSED AREA FOR FUELING/OILING. CONTRACTOR TO VERIFY ACTUAL AREA NEEDED AND COORDINATE WITH THE CPM. REFER TO DETAIL 10 ON SHEET C-5.1.
- 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
- 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:

- 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.
- INSTALL 2" OF TEMPORARY CAB GRAVEL ON ALL ON-SITE CONSTRUCTION ROADWAYS TO STABILIZED AND CONTROL EROSION.
- 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.
- 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 SEPERATOR. 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.
- 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 QSP. 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 THAN 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 QSP.
- 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.



SCALE: 1" = 10'

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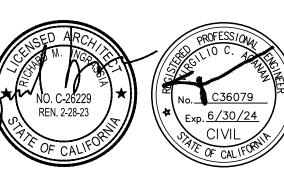
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SITE EROSION PLAN

- 2. A STAND-BY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (NOVEMBER 1 TO APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.
- EROSION CONTROL DEVICES SHOWN ON THIS PLAN MAY BE REMOVED WHEN APPROVED BY THE BUILDING OFFICIAL IF THE GRADING OPERATION HAS PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
- GRADED AREAS ADJACENT TO FILL SLOPES LOCATED AT THE SITE PERIMETER MUST DRAIN AWAY FROM THE TOP OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY. ALL LOOSE SOILS AND DEBRIS THAT MAY CREATE A POTENTIAL HAZARD TO OFF-SITE PROPERTY SHALL BE STABILIZED OR REMOVED FROM THE SITE ON A DAILY BASIS.
- 5. ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM AND BE DISPOSED OF PROPERLY.
- A GUARD SHALL BE POSTED ON SITE WHEREVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED OR PUMPED DRY WITHIN 24 HOURS AFTER EACH RAINSTORM. PUMPING AND DRAINING OF ALL BASINS AND DRAINAGE DEVICES MUST COMPLY WITH THE APPROPRIATE BMP FOR DEWATERING OPERATIONS.
- 7. THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION DAMAGE AND CONTAIN POLLUTANTS WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE QSP. ADDITIONAL DEVICES AS NEEDED SHALL BE INSTALLED TO RETAIN SEDIMENTS AND OTHER POLLUTANTS ON SITE.
- DESILTING BASINS MAY NOT BE REMOVED OR MADE INOPERABLE BETWEEN NOVEMBER 1 AND APRIL 15 OF THE FOLLOWING YEAR WITHOUT THE APPROVAL OF THE BUILDING OFFICIAL.
- 9. STORM WATER POLLUTION AND EROSION CONTROL DEVICES ARE TO BE MODIFIED, AS NEEDED, AS THE PROJECT PROGRESSES, THE DESIGN AND PLACEMENT OF THESE DEVICES IS THE RESPONSIBILITY OF THE FIELD ENGINEER. PLANS REPRESENTING CHANGES MUST BE SUBMITTED FOR APPROVAL IF REQUESTED BY THE BUILDING OFFICIAL.
- 10. EVERY EFFORT MUST BE MADE TO ELIMINATE THE DISCHARGE OF NONSTORM WATER FROM THE PROJECT SITE AT ALL TIMES.
- 11. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES,
- 12. STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
- 13. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTINGS AND ARE NOT TO CONTAMINATE THE SOILS AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
- 14. EXCESS OR WASTE CONCRETE MAY NOT BE WASTED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON-SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
- 15. DEVELOPERS/CONTRACTORS ARE RESPONSIBLE TO INSPECT ALL EROSION CONTROL DEVICES AND BMP's ARE INSTALLED AND FUNCTIONING PROPERLY IF THERE IS A 40% CHANCE OF 0.25 INCHES OR GREATER OF PREDICTED PRECIPITATION, AND AFTER ACTUAL PRECIPITATION. A CONSTRUCTION SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL (COPIES OF SELF—INSPECTION CHECKLIST AND INSPECTION LOGS ARE AVAILABLE UPON REQUEST). AT HIS/HER EXPENSE THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE A QUALIFIED SWPPP PRACTITIONER FOR THE DURATION OF THE PROJECT.
- 16. TRASH AND CONSTRUCTION-RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
- 17. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS
- 18. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
- 19. AS THE ENGINEER OF RECORD, I HAVE SELECTED APPROPRIATE BMPs TO EFFECTIVELY MINIMIZE THE NEGATIVE IMPACTS OF THIS PROJECT'S CONSTRUCTION ACTIVITIES ON STORM WATER QUALITY. THE PROJECT OWNER AND CONTRACTOR ARE AWARE THAT THE SELECTED BMPs MUST BE INSTALLED, MONITORED, AND MAINTAINED TO ENSURE THEIR EFFECTIVENESS. THE BMPs NOT SELECTED FOR IMPLEMENTATION ARE REDUNDANT OR DEEMED NOT APPLICABLE TO THE PROPOSED CONSTRUCTION QUALITY."
- 20. THE FOLLOWING BMPs AS OUTLINED IN, BUT NOT LIMITED TO, THE "CALIFORNIA STORMWATER BEST MANAGEMENT PRACTICES HANDBOOK" - JANUARY 2003, OR THE LATEST REVISED EDITION, MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY THE PROJECT ENGINEER OR THE BUILDING OFFICIAL)

EROSION CONTROL

- PRESERVATION OF EXISTING VEGETATION NS2 DEWATERING OPERATIONS
- HYDRAULIC MULCH HYDROSEEDING
- SOIL BINDERS STRAW MULCH
- GEOTEXTILES AND MATS WOOD MULCHING
- EARTH DIKES AND DRAINAGE SWALES EC10 - VELOCITY DISSIPATION DEVICES
- EC11 SLOPE DRAINS EC12 - STREAMBANK STABILIZATION
- EC13 POLYACRYLAMIDE

TEMPORARY SEDIMENT CONTROL

- SILT FENCE SEDIMENT BASIN SEDIMENT TRAP
- SE4 CHECK DAM FIBER ROLLS GRAVEL BAG BERM
- STREET SWEEPING AND VACUUMING GRAVEL BAG BARRIER SE9 - STRAW BALE BARRIEF
- SE10 STORM DRAIN INLET PROTECTION

WIND EROSION CONTROL

WE1 - WIND EROSION CONTROL

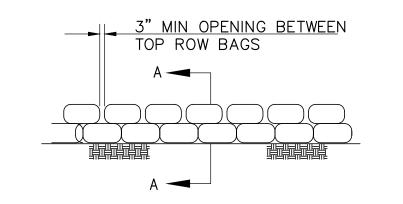
EQUIPMENT TRACKING CONTROL

TC1 - STABILIZED CONSTRUCTION ENTRANCE EXIT

TC2 - STABILIZED CONSTRUCTION ROADWAY TC3 - ENTRANCE/OUTLET TIRE WASH

GENERAL NOTES

2 GRAVEL BAG DETAIL



SECTION A-A

NS4 - TEMPORARY STREAM CROSSING CLEARWATER DIVERSION ILLICIT CONNECTION/DISCHARGE POTABLE WATER/IRRIGATION

NS1 - WATER CONSERVATION PRACTICES

NS8 - VEHICLE AND EQUIPMENT CLEANING NS9 - VEHICLE AND EQUIPMENT FUELING

PAVING AND GRINDING OPERATIONS

- NS10 VEHICLE AND EQUIPMENT MAINTENANCE NS11 - PILE DRIVING OPERATIONS NS12 - CONCRETE CURING
- NS13 CONCRETE FINISHING NS14 - MATERIAL AND EQUIPMENT USE

NON-STORMWATER MANAGEMENT

NS15 - DEMOLITION ADJACENT TO WATER NS16 - TEMPORARY BATCH PLANTS

WASTE MANAGEMENT & MATERIAL <u>POLLUTION CONTROL</u>

MATERIAL DELIVERY AND STORAGE

- MATERIAL USE STOCKPILE MANAGEMENT SPILL PREVENTION AND CONTROL SOLID WASTE MANAGEMENT
- HAZARDOUS WASTE MANAGEMENT CONTAMINATION SOIL MANAGEMENT
- CONCRETE WASTE MANAGEMENT WM9 - SANITARY/SEPTIC WASTE MANAGEMENT
- WM10 LIQUID WASTE MANAGEMENT

NOTES:

- 1. THE TIRE WASH REQUIRES A SUPPLY OF WASH WATER.
- 2. A TURNOUT OR DOUBLEWIDE EXIT IS REQUIRED TO AVOID HAVING ENTERING VEHICLES DRIVE THROUGH THE WASH AREA.
- 3. DO NOT USE WHERE WET TIRE TRUCKS LEAVING THE SITE LEAVE THE ROAD DANGEROUSLY
- 4. INCORPORATE WITH A STABILIZED CONSTRUCTION ENTRANCE/EXIT.

BAGS SHALL BE BUTTED FIRMLY

AGAINST CURB & ADJUSTED AS

. DIRT AND OTHER CONSTRUCTION RELATED MATERIALS PLACED IN THE STREET OR ON

2. ANY CONSTRUCTION MATERIAL STORED OR STOCKPILED ON-SITE SHALL BE PROTECTED

SOIL/SLOPE STABILIZATION PRACTICES SHALL BE DESIGNED TO PRESERVE EXISTING VEGETATION

MULCHING, SOD STABILIZATION, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, OR OTHER

. STABILIZATION PRACTICES SHALL CONTROL/PREVENT EROSION FROM THE FORCES OF WIND AND

TRAPPING/FILTERING PRACTICES AND PRACTICES TO REDUCE THE TRACKING OF SEDIMENT ONTO

WHEN USING STRAW MULCHING, THE MINIMUM APPLICATION SHALL BE 2 TONS/ACRE. MULCH

6. WHEN USING HYDROSEEDING/MULCHING, THE MINIMUM APPLICATION OF WOOD FIBER SHALL BE

WHERE FEASIBLE AND TO REVEGETATE OPEN AREAS AS SOON AS FEASIBLE AFTER GRADING.

THESE CONTROL PRACTICES SHALL INCLUDE TEMPORARY SEEDING, PERMANENT SEEDING,

2. SOIL STABILIZATION SHALL BE IMPLEMENTED ON <u>ALL INACTIVE DISTURBED AREAS</u> FROM

4. STABILIZATION PRACTICES SHALL BE IMPLEMENTED IN CONJUNCTION WITH SEDIMENT

1,500 LBS/ACRE, THAT DOES NOT CONTAIN MORE THAN 50 PERCENT NEWSPRINT.

7. FOR SEEDING RECOMMENDATIONS, USDA, NATURAL RESOURCES CONSERVATION SERVICE.

MUST BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR WATER.

NOVEMBER 1 THRU APRIL 15 AND ON <u>ALL DISTURBED AREAS</u> DURING A RAIN EVENT OR

OTHER IMPERVIOUS SURFACES MUST BE CONTAINED WITH SANDBAGS OR OTHER

MEASURES TO PREVENT TRANSPORT TO THE STORMDRAIN SYSTEM.

FROM BEING TRANSPORTED BY THE FORCE OF WIND OR WATER.

ORDER OF WORK DICTATES

GRAVEL BAG CHECKDAM

STOCKPILED MATERIAL -

NOT TO SCALE

NOTES:

NOT TO SCALE

NOTES:

POTENTIAL RAIN.

PAVED ROADS.

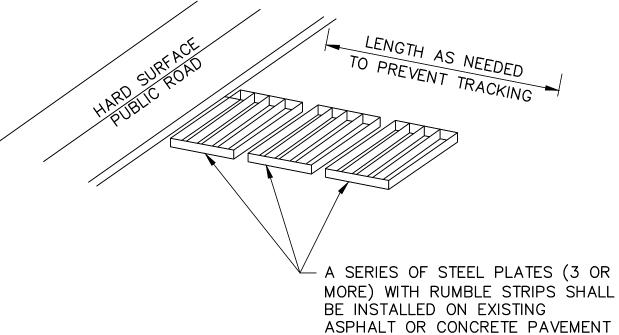
NOT TO SCALE

|MATERIAL STORAGE

SOIL STABILIZATION PRACTICES.

EROSION CONTROL

- 5. CONSTRUCT ON LEVEL GROUND WHEN POSSIBLE, ON A PAD OF COARSE AGGREGATE GREATER THAN 3 IN. BUT SMALLER THAN 6 IN. A GEOTEXTILE FABRIC SHOULD BE PLACED BELOW THE AGGREGATE.
- 6. WASH RACK SHOULD BE DESIGNED AND CONSTRUCTED/MANUFACTURED FOR ANTICIPATED TRAFFIC LOADS.
- 6 | ENTRANCE/OUTLET TIRE WASH NOT TO SCALE



NOTES:

EXISTING OR NEW DRAINAGE

GRAVEL BAGS

-PIPE WHERE OCCURS

GRAVEL BAGS PLACE

AROUND MATERIAL

TIGHTLY TOGETHER ALL

- STRUCTURE COVERED WITH

FILTER FIBER

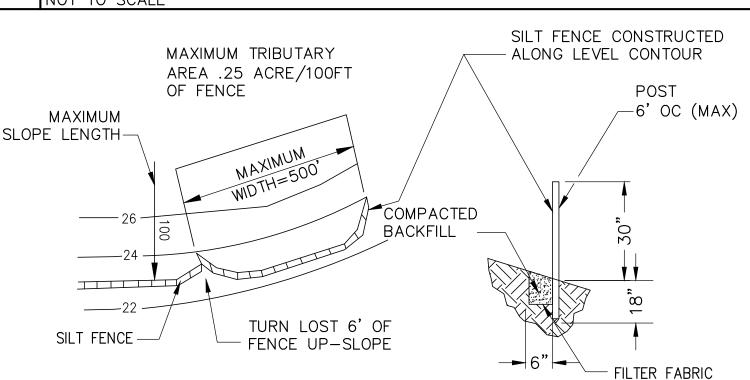
SECTION A-A

- SEDIMENTS AND OTHER MATERIALS SHALL NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS SHALL BE STABILIZED SO AS TO PREVENT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC ROADS. DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS INTO THE STORM DRAIN SYSTEM.
- 2. STABILIZED CONSTRUCTION ENTRANCE SHALL BE:
- A. LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE RD OR FROM A PUBLIC RIGHT OF WAY, STREET, ALLEY, AND SIDEWALK OR PARKING AREA.
- A SERIES OF STEEL PLATES WITH "RUMBLE STRIPS", AND/OR MIN 4" COARSE AGGREGATE WITH LENGTH, WIDTH & THICKNESS AS NEEDED TO ADEQUATELY PREVENT ANY TRACKING ONTO PAVED SURFACES.
- 3. ADDING A WASH RACK WITH A SEDIMENT TRAP LARGE ENOUGH TO COLLECT ALL WASH WATER CAN GREATLY IMPROVE EFFICIENCY.
- 4. ALL VEHICLES ACCESSING THE CONSTRUCTION SITE SHALL UTILIZE THE STABILIZED CONSTRUCTION ENTRANCE SITES.

STREET MAINTENANCE

- 1. REMOVE ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS IMMEDIATELY.
- 2. SWEEP PAVED AREAS THAT RECEIVE CONSTRUCTION TRAFFIC WHENEVER SEDIMENT BECOMES VISIBLE.
- 3. PAVEMENT WASHING WITH WATER IS PROHIBITED IF IT RESULTS IN A DISCHARGE TO THE STORM DRAIN SYSTEM.

7 | STABILIZED CONSTRUCTION ENTRANCE / EXIT NOT TO SCALE

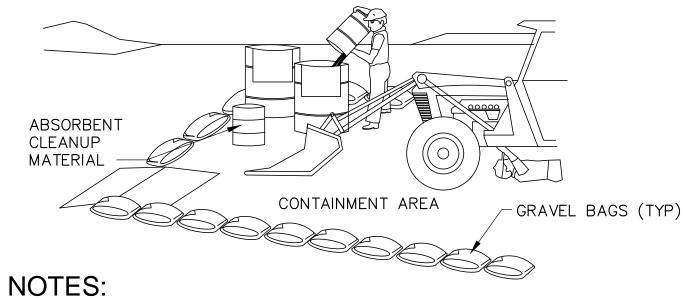


NOTES:

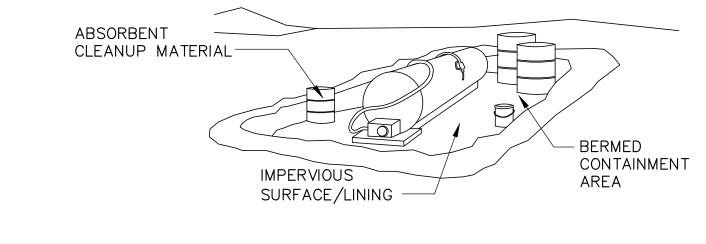
- CONSTRUCT THE SILT FENCE ALONG A LEVEL CONTOUR.
- 2. SILT FENCES SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED.
- . PROVIDE SUFFICIENT ROOM FOR RUNOFF TO POND BEHIND THE FENCE AND ALLOW SEDIMENT REMOVAL EQUIPMENT TO PASS BETWEEN THE SILT FENCE AND TOE OF SLOPE OR OTHER OBSTRUCTIONS. ABOUT 1200 SQ. FT. OF PONDING AREA SHALL BE PROVIDED FOR EVERY ACRE DRAINING TO THE FENCE.
- 4. TURN THE ENDS OF THE FILTER FENCE UPHILL TO PREVENT STORMWATER FROM FLOWING AROUND THE FENCE.
- 5. LEAVE AN UNDISTURBED OR STABILIZED AREA IMMEDIATELY DOWNSLOPE FROM THE FENCE.
- 6. DO NOT PLACE IN LIVE STREAM OR INTERMITTENTLY FLOWING CHANNELS.
- WHEN STANDARD FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL

BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 1 INCH LONG. TIE WIRES OR HOG RINGS.

8 | SILT FENCE NOT TO SCALE

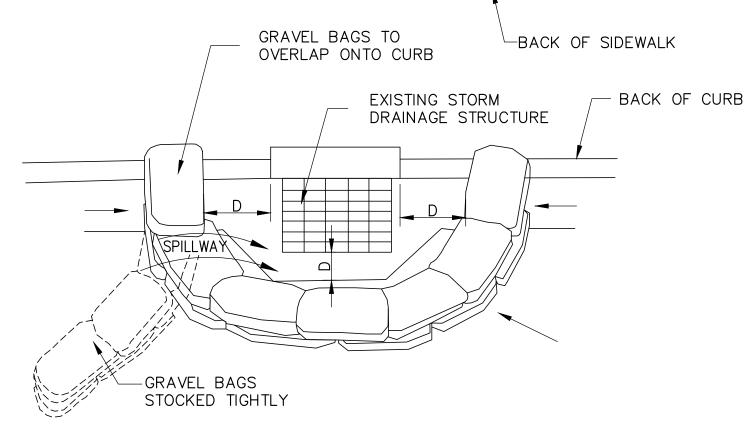


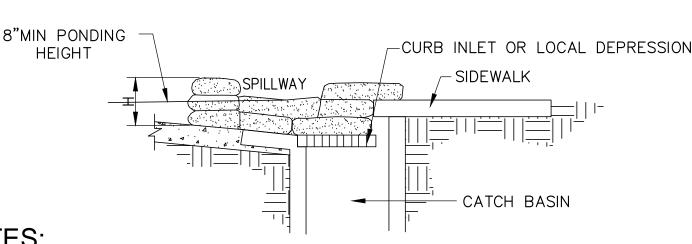
- LEAKING VEHICLES AND EQUIPMENT SHALL NOT BE ALLOWED ON-SITE. EQUIPMENT AND VEHICLES SHALL BE INSPECTED FREQUENTLY FOR LEAKS AND SHALL BE REPAIRED IMMEDIATELY. CLEAN UP SPILLS AND LEAKS PROMPTLY WITH ABSORBENT; DO NOI FLUSH WITH WATER.
- VEHICLES AND EQUIPMENT SHALL BE MAINTAINED AND REPAIRED ON-SITE ONLY IN DESIGNATED AREAS. PREVENT RUN-ON AND RUN-OFF FROM DESIGNATED AREAS. CONTAINMENT DEVICES SHALL BE PROVIDED AND AREAS SHALL BE COVERED IF NECESSARY.
- . DESIGNATE ON-SITE VEHICLE AND EQUIPMENT MAINTENANCE AREAS. WAY FROM STORM DRAIN INLETS AND WATERCOURSES.
- . ALWAYS USE SECONDARY CONTAINMENT, SUCH AS A DRAIN PAN OR DROP CLOTH, TO CATCH SPILLS AND LEAKS WHEN REMOVING OR CHANGING FLUIDS.
- . LEGALLY DISPOSE OF USED OILS, FLUIDS, AND LUBRICANTS.
- . PROVIDE SPILL CONTAINMENT DIKES OR SECONDARY CONTAINMENT AROUND STORED OIL, FUEL, AND CHEMICAL DRUMS.
- MAINTAIN ON ADEQUATE SUPPLY OF ABSORBENT SPILL CLEANUP MATERIALS IN DESIGNATED AREA.
- 9 | EQUIPMENT REPAIR/MAINTENANCE NOT TO SCALE



FUELING SHALL BE PERFORMED IN A DESIGNATED AREA, AWAY FROM COURSES. ABSORBENT CLEANUP MATERIAL SHALL BE ON SITE AND USED IMMEDIATELY IN THE EVENT OF A SPILL.

10 VEHICLE / EQUIPMENT FUELING





- INLET PROTECTION IS REQUIRED ALONG WITH OTHER POLLUTION PREVENTION MEASURES SUCH AS: EROSION CONTROL, SOIL STABILIZATION, AND MEASURES TO PREVENT TRACKING ONTO PAVED SURFACES.
- MODIFY INLET PROTECTION AS NEEDED TO AVOID CREATING TRAFFIC HAZARDS.
- INCLUDE INLET PROTECTION MEASURES AT HILLSIDE V-DITCHES AND MISCELLANEOUS DRAINAGE SWALf IS INLET PROTECTION SHALL BE PROTECTED AND ACCUMULATED SEDIMENTS REMOVED. SEDIMENT SHALL DISPOSED OF PROPERTY AND IN A MANNER THAT ASSURES THAT THE SEDIMENT DOES NOT ENTER STORM DRAIN SYSTEM.
- DAMAGED BAGS SHALL BE REPLACED IMMEDIATELY
- ADDITIONAL SANDBAG SEDIMENT TRAPS SHALL BE PLACED AT INTERVALS AS INDICATED ON SITE PLA

11 CATCH BASIN/INLET PROTECTION NOT TO SCALF

OWNER STATEMENT OF UNDERSTANDING:

AS THE PROJECT OWNER OR AUTHORIZED AGENT OF THE OWNER, I HAVE READ AND UNDERSTAND THE REQUIREMENTS TO CONTROL STORM WATER POLLUTION FROM SEDIMENTS, EROSION, AND CONSTRUCTION MATERIALS, AND I CERTIFY THAT I WILL COMPLY WITH THESE REQUIREMENTS. I, OR MY REPRESENTATIVI CONTRACTOR, DEVELOPER, OR ENGINEER, WILL MAKE CERTAIN THAT ALL BMP SHOWN ON THIS PLAN WIL BE FULLY IMPLEMENTED, AND ALL EROSION CONTROL DEVICES WILL BE KEPT CLEAN AND FUNCTIONING. PERIODIC INSPECTIONS OF THE BMPs WILL BE CONDUCTED AND A CURRENT LOG, SPECIFYING THE EXAC NATURE OF THE INSPECTION AND ANY REMEDIAL MEASURES, WILL BE KEPT AT THE CONSTRUCTION SITE AT ALL TIMES AND WILL BE AVAILABLE FOR THE REVIEW BY THE BUILDING OFFICIAL

AS THE PROJECT OWNER OR AUTHORIZED AGENT OF THE OWNER, "I CERTIFY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, TO THE BEST MY KNOWLEDGE AND BELIEF, THE INFORMATION SUBMITTED IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT SUBMITTING FALSE AND/OR INACCURATE INFORMATION, FAILING TO UPDATE THE LOCAL SWPPP TO REFLECT CURRENT CONDITIONS, OR FAILING TO PROPERLY AND/OR ADEQUATELY IMPLEMENT THE LOCAL SWPPP MAY RESULT IN REVOCATION OF GRADING AND/OR OTHER PERMITS OR OTHER SANCTIONS PROVIDED BY THE LAW."

OWNER OR AUTHORIZED REPRESENTATIVE (PERMITEE)

12 STATEMENT OF UNDERSTANDING

DATE

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

DSA Stamp

Architect RACHLIN PARTNERS 8640 National Boulevard Culver City, CA 90232 310.204.3400

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OF PLANS AND SPECIFICATIONS WITHOUT THE WRITTEN AUTHORIZATION

APPL. No. 03-122987

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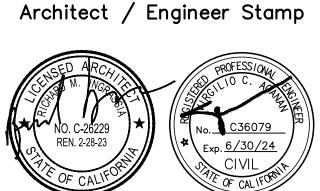
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Rev Date Issue

Date:02.14.2023

Drawn By: JS

Checked By: TD



Consultants



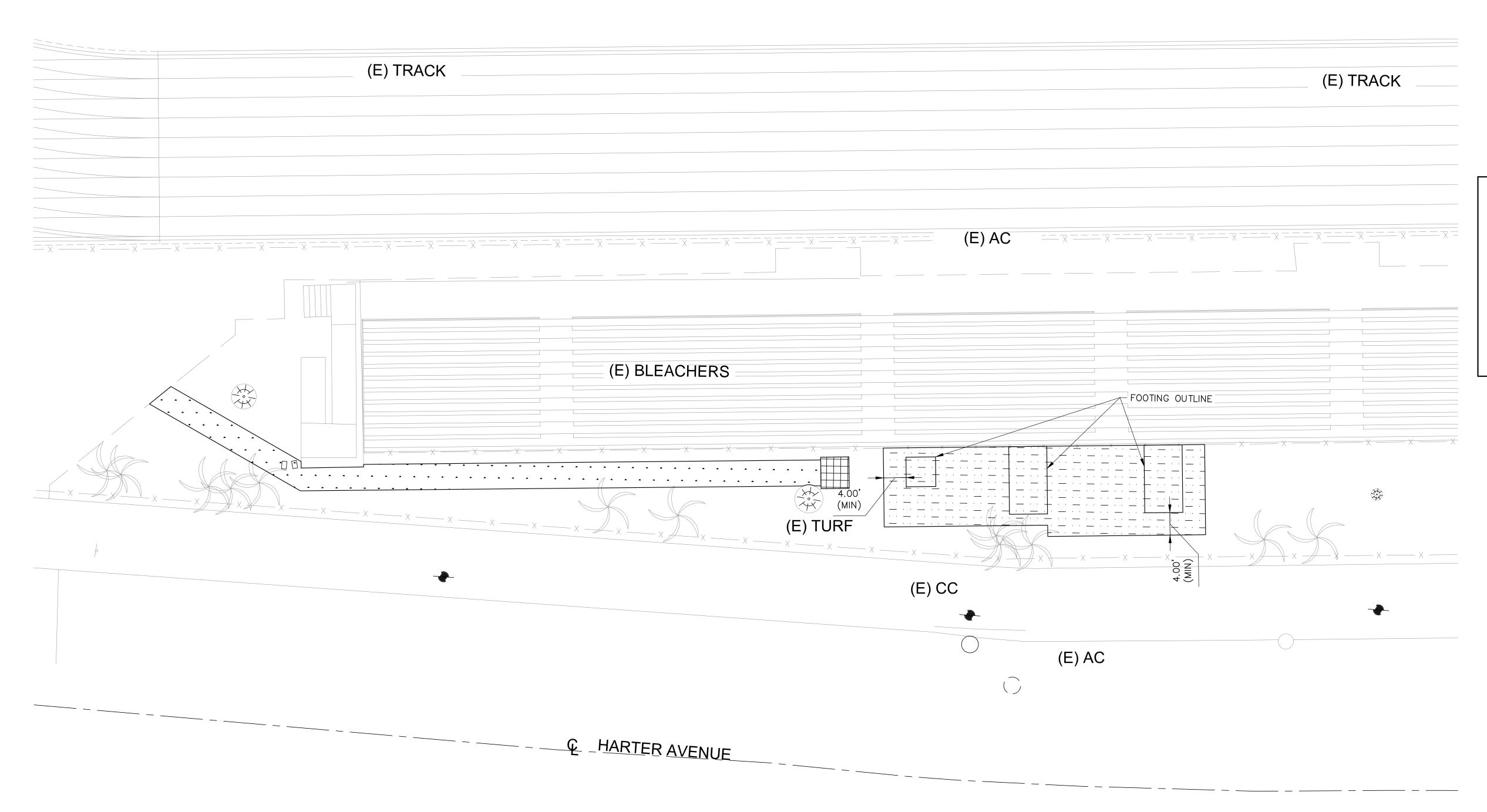
Sheet Title

EROSION CONTROL **DETAILS**

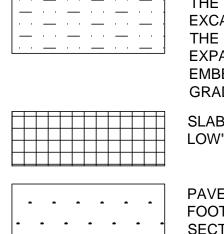
Sheet Number

C-5.1

(E) FOOTBALL FIELD



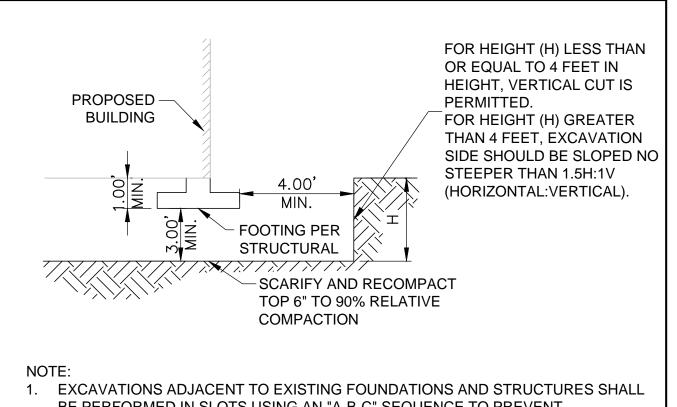
OVER EXCAVATION LEGEND:



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.

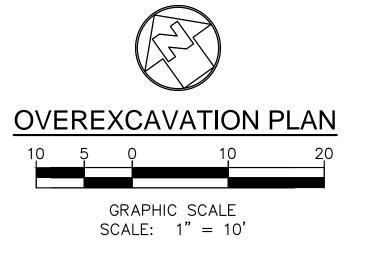


EXCAVATIONS ADJACENT TO EXISTING FOUNDATIONS AND STRUCTURES SHALL BE PERFORMED IN SLOTS USING AN "A-B-C" SEQUENCE TO PREVENT UNDERMINING THE EXISTING ADJACENT STRUCTURE. THE SLOT-CUTS SHALL NOT EXCEED A WIDTH OF 5 FEET CONSIDERING THE EXCAVATION DEPTH IS NO MORE THAN 5 FEET. THE SLOT WIDT CAN BE INCREASED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

1 OVER-EXCAVATION FOR BUILDING DETAIL
NOT TO SCALE

SHEET NOTES:

- 1. FOR GENERAL NOTES, LEGENDS AND ABBREVIATIONS, SEE SHEET C-1.0.
- 2. 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.
- 3. 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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APP: 03-122987 INC:

REVIEWED FOR

SS FLS ACS D

DATE: 06/20/2023

DSA Stamp

Architect

OF THE ARCHITECT OF RECORD.

RACHLIN

PARTNERS

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Culver City, CA 90232
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Addition

r City High School Press Box / City Unified School District

Rev Date Issue

Date:02.14.2023 Scale:

Drawn By: JS

Checked By: TD

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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

2. REFER TO MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

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 OWNER'S
- EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT VERTEL'S 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.

101 PARKING ENTRY SIGN, SEE SHEET 8/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:

SYMBOL

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 DRINKING

- INDICATES SHEET REFERENCE OR DSA

—INDICATES DETAIL NUMBER OR

INDICATES ACCESSIBLE GATE

— DETAIL NUMBER OR EXISTING/FUTURE

-INDICATES ACCESSIBLE PARKING

— DETAIL NUMBER OR EXISTING/FUTURE

- INDICATES SHEET REFERENCE OR DSA

— INDICATES SHEET REFERENCE OR DSA

FOUNTAIN

NUMBER

TOILET ROOM -INDICATES DETAIL NUMBER OR -INDICATES SHEET REFERENCE OR DSA NUMBER -INDICATES ACCESSIBLE GIRLS TOILET ROOM -INDICATES DETAIL NUMBER OR — INDICATES SHEET REFERENCE OR DSA NUMBER

INDICATES ACCESSIBLE BOYS

-INDICATES ACCESSIBLE WOMENS TOILET ROOM -Indicates detail number or -INDICATES SHEET REFERENCE OR DSA NUMBER

-INDICATES ACCESSIBLE MENS TOILET ROOM -Indicates detail number or existing – Indicates sheet reference or DSA NUMBER

> 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).

"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 PROJECT'S 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 HARDSHIP 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:

(F) PARKING LOT A#03-118629

SCALE: 1"=90'-0"

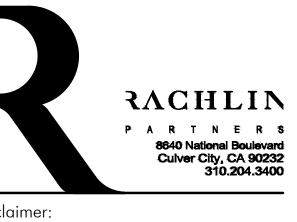
(L) TAKKINO LOT A#03-110027		
TYPE	required no. Of Spaces	SPACES PROVIDED
STANDARD	N/A	104
ACCESSIBLE STANDARD	4	4
ACCESSIBLE VAN	1	1
TOTAL		109

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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Architect



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APPL. No. 03-122987

OF THE ARCHITECT OF RECORD.

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Rev Date 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

Overall Site Plan

Sheet Number

OVERALL SITE PLAN

FIRE DEPARTMENT NOTES:

1. 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.

- 2. ALL GATES IN CONSTRUCTION FENCING SHALL BE EQUIPPED WITH EITHER KNOX BOX OR BREAKAWAY PADLOCK.
- 3. 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.

 4. ACCESS GATES SHALL BE APPROVED PRIOR TO INSTALLATION AND SHALL BE IN COMPLIANCE WITH CHAPTER 5 OF THE
 - CFC AND SMFD GUIDELINES.
- 5. APPROVED ACCESS WALKWAYS SHALL BE PROVIDED TO ALL REQUIRED OPENINGS AND ALL RESCUE WINDOWS.
- 6. 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 FIREFIGHTING PURPOSES. VEGETATION OR BUILDING FEATURES SHALL NOT OBSTRUCT ADDRESS NUMBER OR INHIBIT THE FUNCTIONING OF ALARM BELLS, HORNS, OR STROBES.
- 7. 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.
- 8. 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.

Ш	EXISTING BUILDING	
	SCOPE OF WORK (NEW STAIRS AND PRESS BOX)	
	FIRE ACCESS LANE	
KFYN	OTES:	

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL CONDITION MEANS AND METHODS RESOLUTION ALTERNATE ACCEPTED Emergency vehicle access roadways do not meet CFC requirements. 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. Fire Hydrants: Number and spacing does not meet CFC requirements. Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and Fire Hydrants: Water flow and pressure are less than CFC minimum. Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property. Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements. 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. 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. LOCAL FIRE AUTHORITY (LFA) INFORMATION LFA Agency Name:

Work Phone:

STATE OF CALIFORNIA

DEPARTMENT OF GENERAL SERVICES

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DIV. OF THE STATE ARCHITECT

APP: 03-122987 INC:

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SS FLS ACS ACS ACS ACS ACS ACS ACS

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Culver City High School Press Box Additic Culver City Unified School District 4401 Flenda Street

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

et Title

Fire Department Access Plan

Sheet Numbe

A112

120' 240' **N**

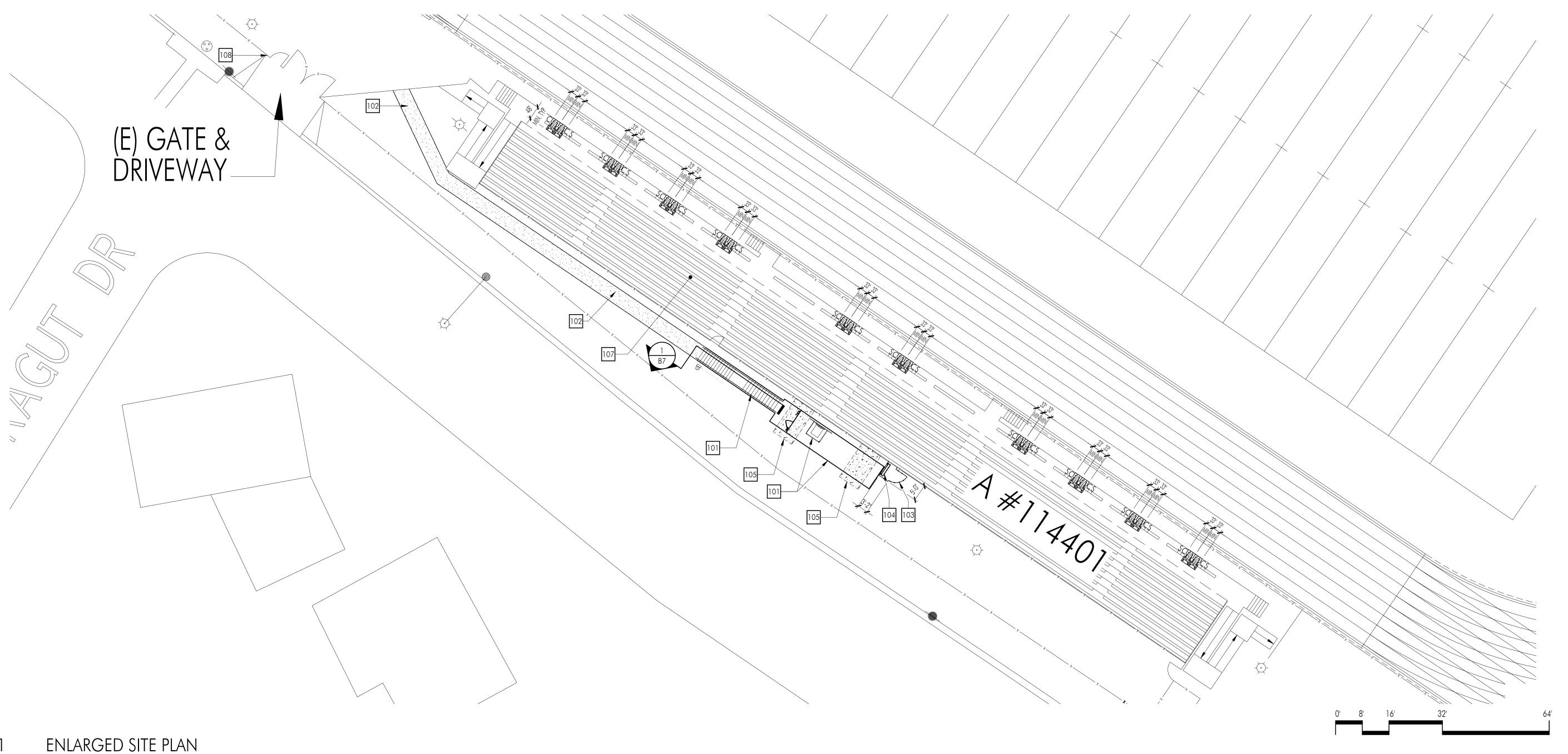
LFA Review Official:

LFA Reviewer's Signature:

DGS DSA 810 (rev 01-30-20)

DIVISION OF THE STATE ARCHITECT

Work E-mail:



DEMOLITION KEYNOTES:

(101) remove existing crows nest and associated appurtenances

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:

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

NEW ELECTRICAL PANEL SUPPORT ASSEMBLY, SEE 2/E-0.2

105 SUBGRADE FOOTING, FOR MORE INFORMATION SEE SOUTHERN BLEACH DRAWINGS, SHEETS B3, B4 AND B5

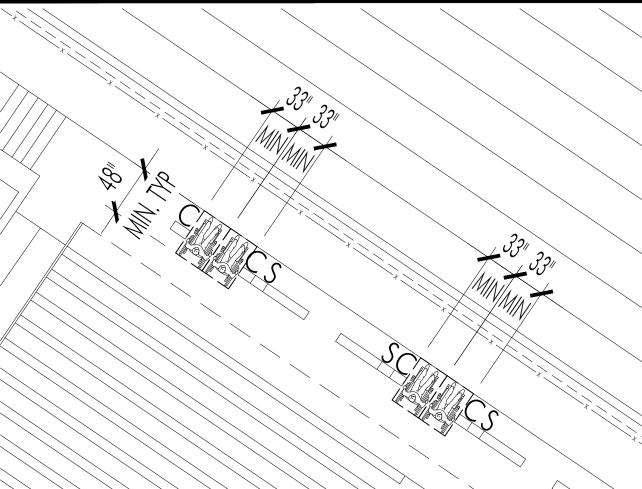
106 ROOF DECK AND ROOF HATCH, SEE SOUTHERN BLEACHER DRAWING, SHEET B11

107 EXISTING BLEACHER, PER A# 03-114401

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



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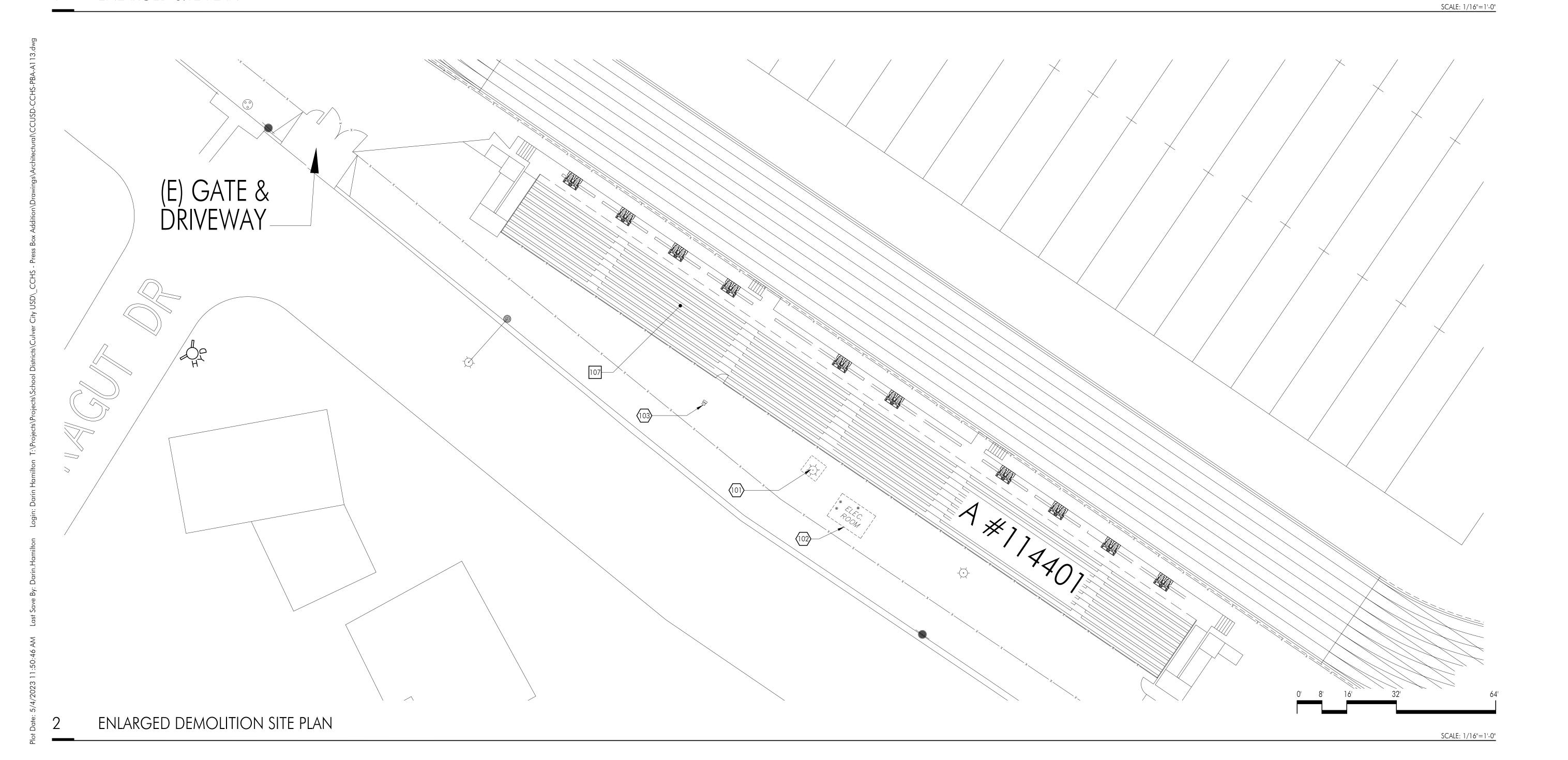
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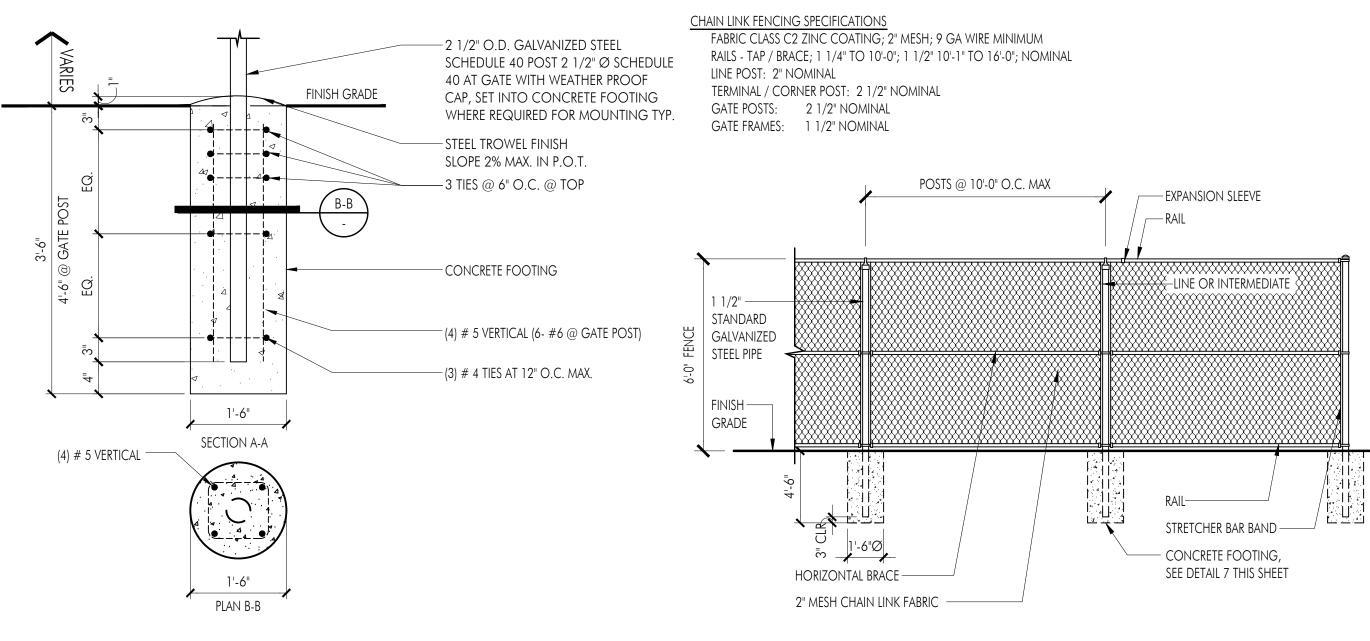


Consultants
VCA Engineers, Inc. Taylor and Syfan Structural Engineers FBA Engineering

Enlarged Site Plan and Enlarged Demolition Site Plan



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



SCALE: 1"=1'-0'

- WHITE REFLECTIVE BACKGROUND

24" X 24" SIGN, BORDER AND TEXT PER LATEST CALIFORNIA DOT FIGURE R100B

— FINISH GRADE

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

FENCE POST

2'-0"

UNAUTHORIZED VEHICLES PARKED

distinguishing placards or

SPECIAL LICENSE PLATES ISSUED

AT THE OWNER'S EXPENSE

TOWED VEHICLES

MAY BE RECLAIMED

AT 9401JEFFERSON BLVD, 90232 OR

BY TELEPHONING

1-323-870-2117

B PARKING ENTRY SIGN

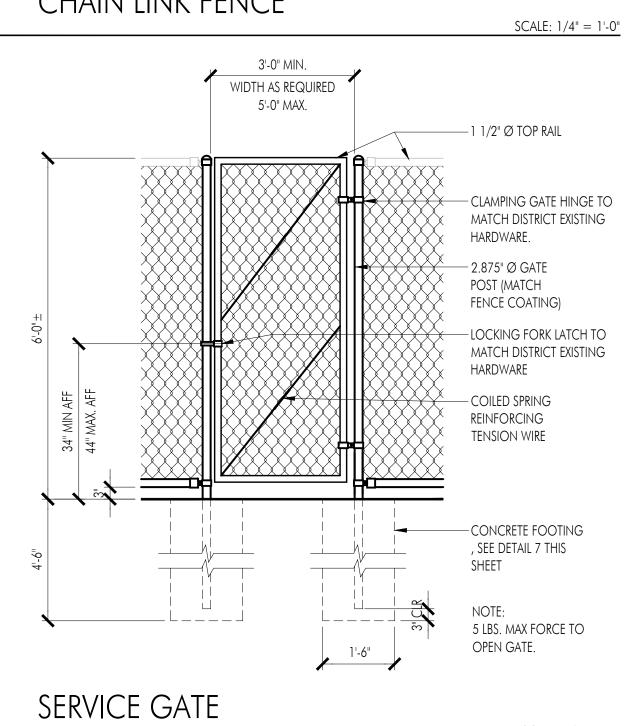
TOW AWAY SIGN

IN DESIGNATED ACCESSIBLE

SPACES NOT DISPLAYING •

FOR PERSONS WITH DISABILITIES 1" HIGH BLACK LETTERS

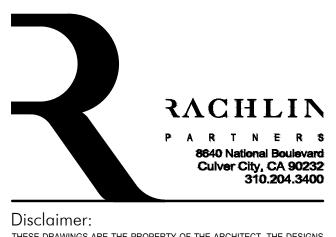
CHAIN LINK FENCE



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School Unified Sch da Street , California High

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

Date 1 02-14-2023 DSA SUBMISSION

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

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

		LIGHT FIXTURE SCI	HEI	DUL	E			FBA#	212.182		
IMAGE	TYPE	LIGHT FIXTURE DESCRIPTION	FIXTURE MAXIMUM TOTAL INPUT WATTS	FIXTURE MINIMUM LUMEN OUTPUT EFFICIENCY	FIXTURE MOUNTING	LAMP TYPE	LAMP COLOR TEMPERATURE K°	LAMP CRI, NOT LESS THAN	EACH LAMP INITIAL MINIMUM LUMEN OUTPUT	TOTAL ALL LAMPS INITIAL MINIMUM LUMEN OUTPUT	WEIGHT
	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, PHOTOCELL 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	67	-	POLE SEE DETAIL 6/E-0.2	LED	4000K	-	-	6840	56LBS

GENERAL NOTES ALL SYMBOL DESCRIPTIONS ARE SUBJECT TO MODIFICATION AS NOTED ON THE DRAWINGS. 1. PORTIONS OF THESE PLANS HAVE BEEN DERIVED FROM INFORMATION TAKEN VERIFY EXACT LOCATIONS AND HEIGHTS OF OUTLETS WITH ARCHITECTURAL INTERIOR 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 WAY AFFECT THE PROPER PERFORMANCE OF THIS WORK. 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REFER TO THE DRAWINGS OF 2 OTHER TRADES FOR ADDITIONAL DETAILS 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. $\supset a, b$ 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. \ 100/ 8. SIGNAL AND/OR FIRE ALARM SYSTEMS SPLICES ARE NOT PERMITTED IN UNDERGROUND PULLBOXES. ALL ELECTRICAL EQUIPMENT INCLUDING PANELS. OUTLET BOXES. CONDUITS. (1)— 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 B-5, 7, 9 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. —— D1 —— 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-0.2 WHERE METAL RAMPS OR RAILWAYS ARE USED PROVIDE 1#2 BONDING ELECTRODE FROM THE RAMPS 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 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.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 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 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 MUUST 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 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 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

ELEVATIONS PRIOR TO ROUGH-IN. ABOVE FINISH GRADE A.F.G. AWG AMERICAN WIRE GAUGE JUNCTION BOX, FLUSH WALL MOUNTED, +18". AMP, A **AMPERE** AF/AT AMP FRAME, AMP TRIP JUNCTION BOX CONCEALED ABOVE ACCESSIBLE CEILING AREA OR MOUNTED ON ROOF. AS/AF AMP SWITCH, AMP FUSE INDICATES CONNECTION TO EQUIPMENT AS REQUIRED, TYPICAL. AUDIO VISUAL ΑV PANELBOARD, ADJACENT LINE INDICATES PANEL FRONT. ADJACENT BALLOON INDICATES PANEL DESIGNATION "A", SEE DRAWING E-1 FOR PANEL SCHEDULE. CIRC., CKT. CIRCUIT TERMINAL CABINET. ADJACENT LINE INDICATES CABINET FRONT. CIRCUIT BREAKER CONDUIT EQUIPMENT CABINET. ADJACENT LINE INDICATES CABINET FRONT LIGHTING FIXTURE, SURFACE OR FLUSH MOUNTED AS INDICATED ON FIXTURE SCHEDULE, ON WALL MOUNTED C.O. CONDUIT ONLY OUTLET BOX, +90". STEM INDICATES WALL MOUNTED OUTLET BOX, TYPICAL. CONN CONNECTED SINGLE POLE TOGGLE SWITCH, ON FLUSH WALL MOUNTED OUTLET BOX, +45". INSTALL MULTIPLE SWITCHES DIA DIAMETER UNDER COMMON COVER PLATE. SUBSCRIPT OR SUPERSCRIPT AT SWITCH SYMBOL INDICATES THE FOLLOWING: 2 - DOUBLE POLE 4 - FOUR WAY M - MANUAL MOTOR STARTERS **EMCS** ENERGY MANAGEMENT CONTROL SYSTEM 3 - THREE WAY P - PILOT LIGHT K - KEY OPERATED R - SPDT MOMENTARY CONTACT RELAY SWITCH V - VAPOR PROOF EMT ELECTRICAL METALLIC TUBING a,b,c,d, ETC. - MULTIPLE SWITCHES WITH IDENTIFICATION OF OUTLET CONTROLLED. ELECTRIC WATER COOLER **EWC** FIXTURE SCHEDULE DESIGNATION: "2" INDICATES FIXTURE TYPE, "100" INDICATES FIXTURE TOTAL WATTAGE. E-O-L **END-OF-LINE CIRCUIT TERMINATOR** EXHAUST FAN DETAIL CALLOUT, "C" INDICATES DETAIL, "E-2" INDICATES DRAWING WHERE DETAIL OCCURS. **EXISTING EQUIPMENT TO BE REMOVED** PLAN NOTE CALLOUT. REFER TO CORRESPONDING NOTE ON DRAWING WHERE CALLOUT OCCURS. **EXISTING EQUIPMENT** CONDUIT, INSTALLED CONCEALED IN WALL OR IN CEILING SPACE. FT. OR ' FIRE ALARM FLA FULL LOAD AMPS **GROUND FAULT INTERRUPTER** CONDUIT, INSTALLED CONCEALED IN OR UNDER FLOOR OR BELOW GRADE, 3/4"C. MINIMUM. GRD GROUND CONDUIT, INSTALLED EXPOSED. HVAC HEATING, VENTILATING AND AIR CONDITIONING HOMERUN TO PANEL "B" FOR CIRCUITS 5, 7, 9 WITH COMMON NEUTRAL HEIGHT, WIDTH, DEPTH, LENGTH H.,W.,D.,L UNDERGROUND CONDUIT STUBOUT, STUB 5'-0" FROM BUILDING OR WALKWAY, CAP, MARK AND HP HORSEPOWER IDF INDICATES CONDUIT SLEEVE(S) THROUGH WALL ABOVE THE CEILING. NUMBER AND SIZE OF CONDUITS INTERMEDIATE DISTRIBUTION FRAME IN. OR " INCHES EXISTING CONDUIT AND WIRING TO REMAIN U.N.O. ISOLATED GROUND EXISTING CONDUIT AND WIRING TO BE REMOVED U.N.O. J-BOX JUNCTION BOX KILOVOLT AMPERES KVA INTRUSION DETECTION SYSTEM - 3/4"C. WITH CONDUCTORS AS SPECIFIED. KW KILOWATT INTRUSION DETECTION KEYPAD ON FLUSH WALL MOUNTED OUTLET BOX, +45". LONG CONTINUOUS LOAD COMPUTER/DATA PROCESSING SYSTEM - 3/4"C., WITH ONE(1) CAT6 CABLE AS SPECIFIED. LUGS ONLY L.O. D2 - 1"C., WITH TWO(2) CAT6 CABLES AS SPECIFIED. D3 - 1 1/4"C., WITH THREE(3) CAT6 CABLES AS SPECIFIED. LTG, LTS LIGHTING D4 - 1 1/4"C., WITH FOUR(4) CAT6 CABLES AS SPECIFIED. MCB MAIN CIRCUIT BREAKER INTRUSION DETECTION SYSTEM MOTION SENSOR, ON FLUSH CEILING MOUNTED OUTLET BOX. MDF MAIN DISTRIBUTION FRAME METAL HALIDE DATA OUTLET, WITH TWO (2) CATEGORY 6 DATA OUTLET CONNECTORS, ON FLUSH WALL MOUNTED OUTLET BOX, +18" AFF. PROVIDE TWO (2) DATA CATEGORY 6 CABLES FROM MOTOR CONTROL CENTER CONNECTORS TO THE BUILDING IDF. MCM THOUSAND CIRCULAR MILS COMPUTER/DATA OUTLET WITH TWO (2) DATA OUTLET CONNECTORS, ON CEILING MOUNTED MCP MOTOR CIRCUIT PROTECTOR OUTLET BOX, FOR WIRELESS ACCESS POINT. PROVIDE OUTLET BOX, DATA JACK, FACE PLATE, ETC. PROVIDE TWO (2) CAT 6 DATA NETWORK CABLE AS SPECIFIED FROM THE OUTLET TO THE MLO MAIN LUGS ONLY MTD MOUNTED TELEPHONE OUTLET, WITH ONE TELEPHONE OUTLET CONNECTOR, ON FLUSH WALL MOUNTED NEC NATIONAL ELECTRICAL CODE OUTLET BOX +44" AFF. PROVIDE CONDUCTORS AS SPECIFIED TO THE CAMPUS TELEPHONE NORMALLY CLOSED NORMALLY OPENED DUPLEX CONVENIENCE RECEPTACLE VERTICAL ON FLUSH WALL MOUNTED OUTLET BOX, +6" ABOVE THE PLASH. NOT IN CONTRACT DUPLEX CONVENIENCE RECEPTACLE VERTICAL ON FLUSH WALL MOUNTED OUTLET BOX, +18". NO. OR # NUMBER INDICATES WALL MOUNTED OUTLET BOX, TYPICAL. PRIMARY OVER 600 VOLTS DOUBLE DUPLEX (FOUR-PLEX) CONVENIENCE RECEPTACLE ON ONE FLUSH WALL MOUNTED OUTLET BOX PH. OR PROVIDE FURNISH, INSTALL AND CONNECT CIRCUIT BREAKER STATIONARY (NON-DRAWOUT) SECONDARY VOLTAGE. PA PUBLIC ADDRESS DENOTES CONDUIT(S) RISING UP. REC, RECEPT RECEPTACLE REF REFRIGERATOR RGS RIGID GALVANIZED STEEL RELOCATED EXISTING EQUIPMENT SECONDARY 600 VOLTS AND LESS INDICATES DEVICE ON SURFACE WALL MOUNTED OUTLET BOX. **TELEVISION** TYP **TYPICAL UNLESS NOTED OTHERWISE** U.N.O. **VOLTS** VA **VOLT AMPERES** WEATHERPROOF DISTRICT FURNISHED CONTRACTOR INSTALLED DFDI DISTRICT FURNISHED DISTRICT INSTALLED BLDG. BUILDING IWB INTERACTIVE WHITE BOARD AVC AUDIO/VIDEO CABINET SINGLE POLE DOUBLE POLE TRIPLE POLE SHEET INDEX GENERAL NOTES, SYMBOL LIST, FIXTURE TOP OF SCHEDULE AND DETAIL BOX CONTROL E-0.2 SINGLE LINE DIAGRAM, DETAILS, AND PANEL [─] 24" MAX FIRE ALARM EQUIPMENT SCHEDULE, RISER

SYMBOL LIST

(ALL SYMBOLS NOT NECESSARILY USED ON THESE DRAWINGS)

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ABBREVIATIONS

ABOVE FINISH FLOOR

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Rev Date

Date: 08.10.2022 Scale:

Drawn By: DH Checked By: AU

Architect / Engineer Stamp



Consultants

FBA Engineering 150 Paularino Avenue Suite A120 949.852.9995 • 949.852.1657 (fax)

FBA Job Number: 1126 014

Sheet Title

GENERAL NOTES, SYMBOL LIST, FIXTURE SCH. AND

DETAILS

FINISHED FLOOR — MIN.15" A.F.F. BOTTOM OF BOX MAINTAIN 30" X 48" CLEAR PARALLEL APPROACH FLOOR AREA AND CONTROLS OUTLET BOX

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION MP□ MD□ PP□ Eত - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC

BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO

STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT

THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE

MP□ MD□ PP□ E□ - OPTION 2: SHALL COMPLY WITH APPLICABLE OSHPD PRE-APPROVAL (OPM#) #___

THE HANGER AND BRACE LOADS.

NOTES AND DETAILS.

MOUNTING HEIGHT OVER OBSTRUCTION SCALE: 1/8" = 1'-0"

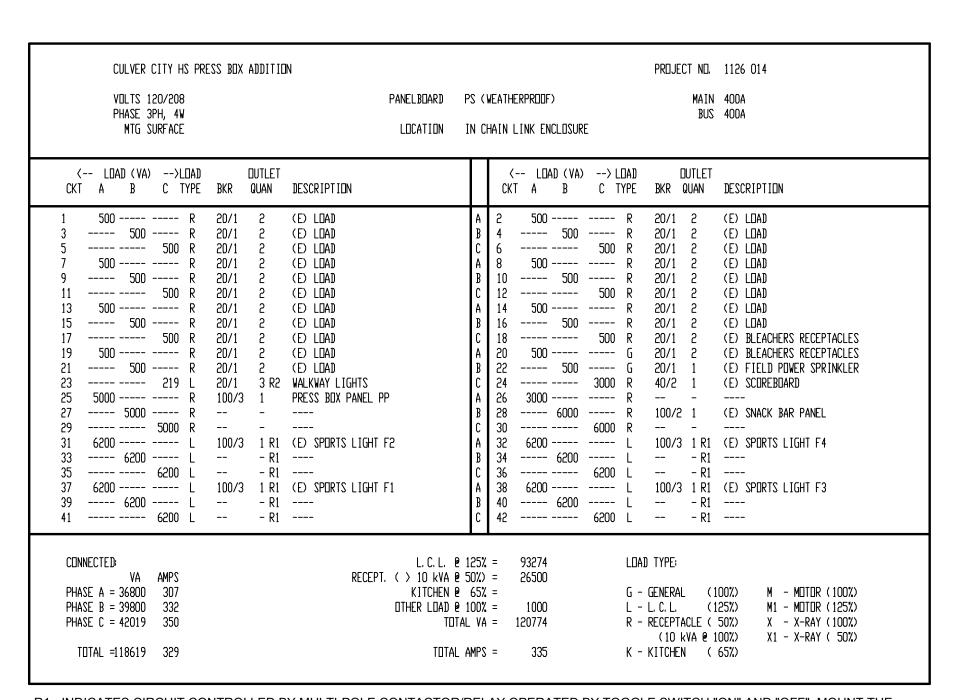
DIAGRAM, BATTERY AND VOLTAGE DROP

CALCULATIONS. OUTDOOR TITLE 24

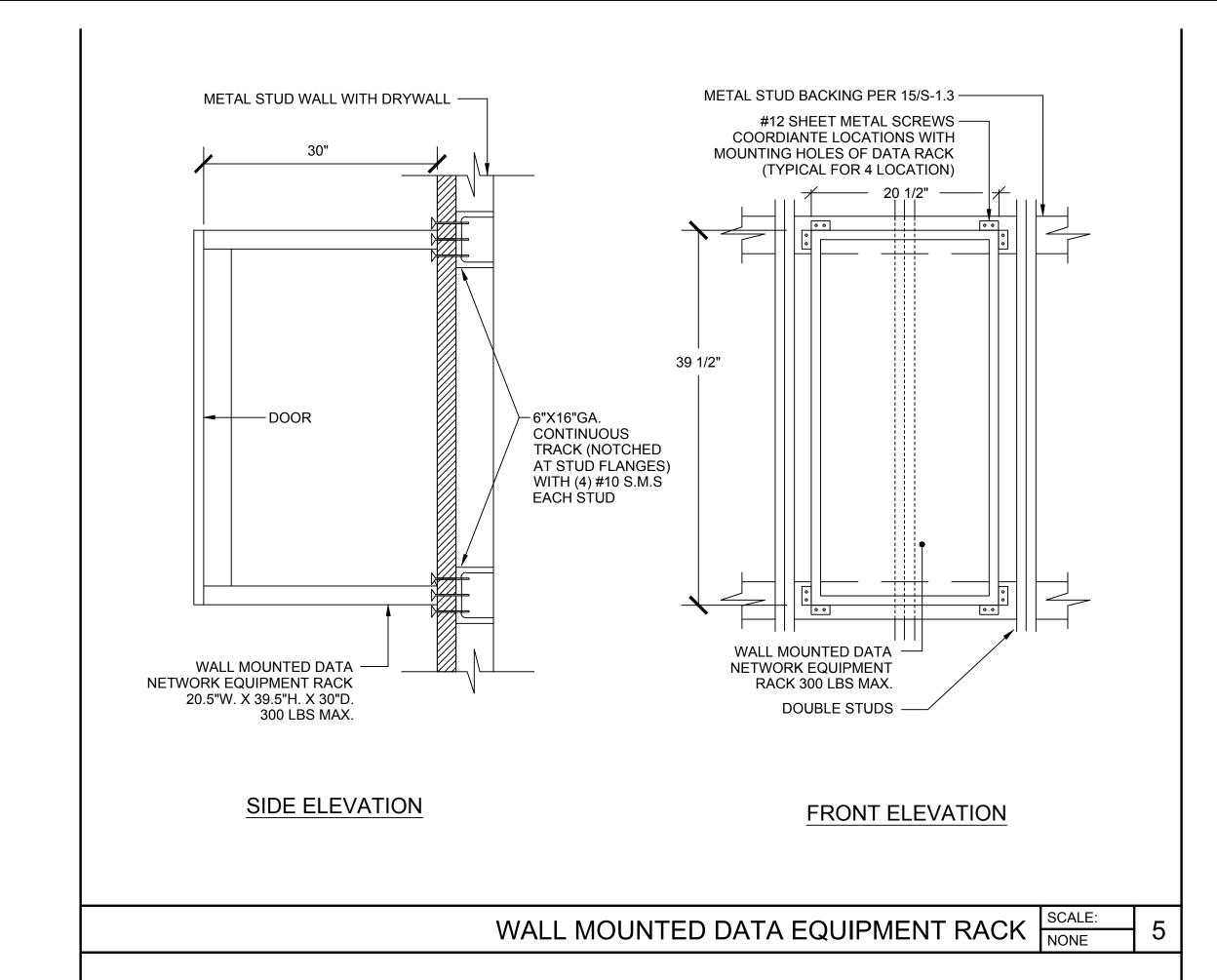
E-1.0 SITE ELECTRICAL PLAN

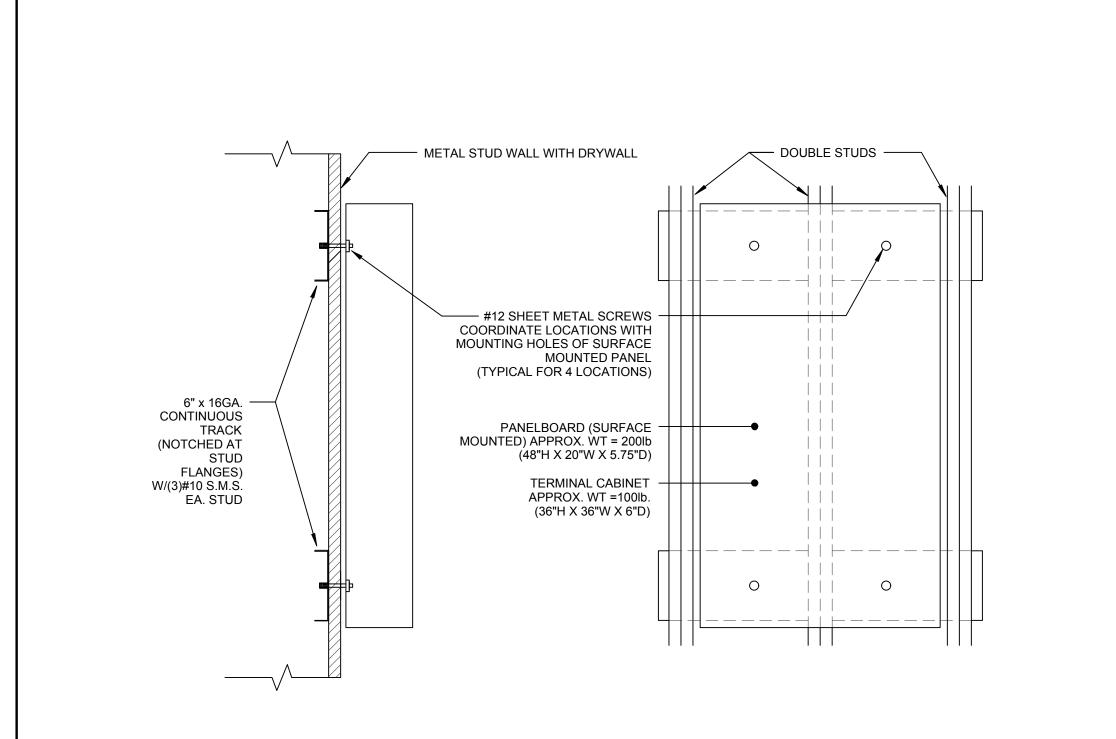
E-1.1 ENLARGED SITE ELECTRICAL PLAN

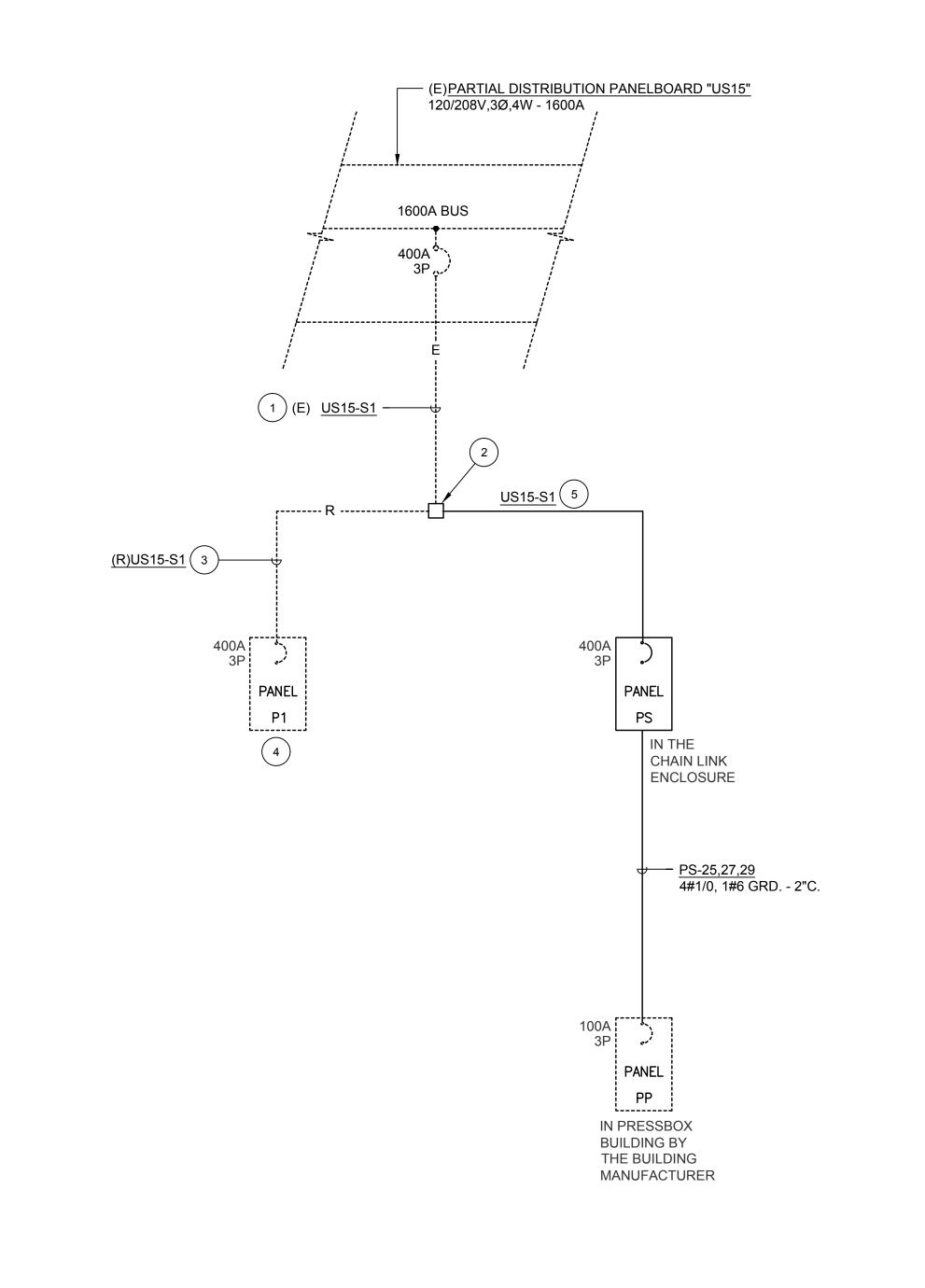
PRESSBOX ELECTRICAL PLANS



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.







PLAN NOTES:

- 1 EXISTING CONDUIT AND CONDUCTORS TO REMAIN.
- 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.
- (3) EXISTING CONDUIT TO BE REMOVED.
- 4 EXISTING ELECTRICAL PANEL TO BE REMOVED.

(5) PROVIDE TWO (2) 4"C. EACH WITH 4-350 MCM AND 1#1 GRD.

ALL EQUIPMENT SHOWN DASHED IS EXISTING ALL OTHER EQUIPMENT SHALL BE PROVIDED UNDER THIS CONTRACT.

SINGLE LINE DIAGRAM SCALE: NONE

TO VIEW

PANEL SUPPORT ASSEMBLY | SCALE: NONE

Addition Box High

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OF THE ARCHITECT OF RECORD.

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HANDHOLE WITH WEATHERPROOF COVER. GROUND LUG - LEVELING NUTS (2 PER ANCHOR BOLT) 16-FOOT HIGH 4" DIA. ALUMINUM POLE PER FIXTURE SCHEDULE — DRY PACK UNDER BASE — SLOPE AWAY FROM POLE 1#6 GROUND WIRE BOLT COVER -1" RADIUS FILL AND SACK EXPOSED TOP ── 3" ABOVE GRADE AND SIDES FOR SMOOTH FINISH FOUR ALL THREAD

GALVANIZED ANCHOR BOLTS =_ (4) #3 REBAR 🖰 CIRCULAR HÓOPS AT 2"OC AT TOP EACH WITH TWO NUTS AND W/135° HOOKS ON TAILS WASHERS TO ANCHOR AND ALIGN POLE. (AS PER POLE GROUND LUG 3"SQ X 1/4"THICK #5 REBAR 🖔 CIRCULAR WASHER WITH TOP (---HOOPS AT 12"OC AT W/135° AND BOTTOM NUTS ___ HOOKS ON TAILS CONCRETE BASE (fc = 4000 PSI) — \sim 6'-0" BELOW GRADE PER PLANS — 6#5 VERT. REBAR —

ENLARGED BOLT/WASHER DETAIL - A

WITH THE APPROVED CONSTRUCTION DOCUMENTS.

6" MIN LAP -

#3 CIRCULAR HOOP TIES

MIN. 6" TIE LAP

- ALIGN POLE PLUMB AND VERTICAL

NEW FINISH GRADE SHOULD MATCH AND BE FLUSH WITH EXISTING FINISH GRADE. IF PATCHES TO EXISTING PEDESTRIAN PAVEMENT ARE REQUIRED. PATCHES SHALL COMPLY WITH 11B-302.1 AND 11B-303 **DUCT BANK NOTES:** — EXISTING FINISH GRADE NATIVE SOIL BACK FILL 3" WIDE WARNING TAPE LOCATED 12" BELOW GRADE. TAPE SHALL INDICATE: CAUTION BURIED ELECTRICAL 3 3" BETWEEN IDENTICAL SYSTEM CONDUITS OR 24" BETWEEN DIFFERENT SYSTEM CONDUITS. $\left(egin{array}{c}4\end{array}
ight)$ DAMP SAND BACK FILL TO WITHIN 12" OF FINISH GRADE. 5) 6" BED OF DAMP SAND. 6) 36" IN TRAFFIC AREAS, 24" IN NON-TRAFFIC AREAS.) CONCRETE ENCASEMENT. 8) 3" MINIMUM COVERAGE. NOTE: SEE SPECIFICATION FOR 9 REFER TO PLANS FOR CONDUITS SIZE AND QUANTITIES. ADDITIONAL INFORMATION AND REQUIREMENTS.

SURFACE MOUNTED PANELBOARD ANCHORAGE NONE

TIME SWITCH IN NEMA 3R CABINET. 6"W X 10"H X 3.5"D. - 1/4" CAP T&B OF TUBE 1/2"Ø BOLTS (T&B) TO CABINET. TYPICAL PANELBOARD "PS" CONTACTOR/RELAY FOR 300LBS -SPORTS LIGHTING POLES F1-F4 IN NEMA 3R CABINET GALVANIZED 16"W X 16"H X 6"D. 6LBS. UNISTRUT P1000 W/ (2) FOUR (4) SINGLE POLE TOGGLE 1/2"Ø BOLTS (T&B) TÒ SWITCHES IN NEMA 3R CABINET TO PANEL BOARD & 1/2"Ø CONTROL SPORTS LIGHT POLES F1-F4. BOLT X 6" LONG TO ENGRAVE THE COVERPLATE LIGHT EA. STEEL TUBE POLE F1,F2,F3,F4 RESPECTIVELY. CONN. — 16"W X 16"H X 6"D. 6 LBS 36" X 24" X 6" THICK CONCRETE PAD 2" ABOVE GRADE AND 4" BELOW GRADE (f'c = 3000PSI) #4 @ 18" O.C. EACH WAY AT MID-DEPTH OF HSS4x4x3/16-GALVANIZED 3" CLR.
TYPICAL — FINISH GRADE - CONCRETE FOOTING (fc = 3000PSI) PANELBOARD "PS" 300LBS -HSS4x4x3/16 GALVANIZED CONC. FTG. 12" Ø\ UNISTRUT © OF STEEL TUBE & 12"Ø FOOTING

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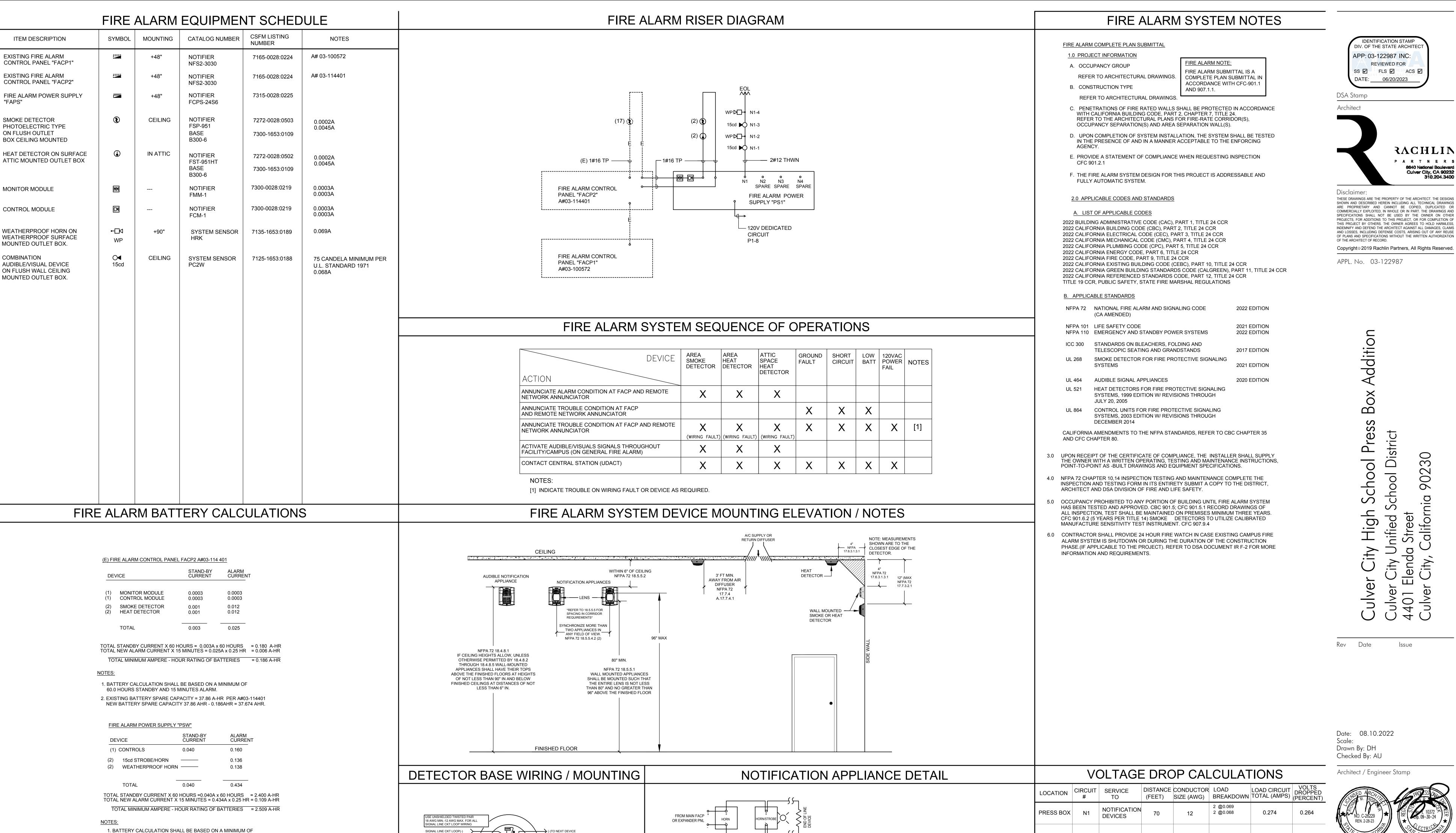
Sheet Title

SINGLE LINE DIAGRAM, DETAILS, AND PANEL SCHEDULE

Sheet Number

E-0.2

ITEM IS EXEMPT FROM DSA REVIEW PER CALIFORNIA ADMINISTRATIVE CODE (CAC), SECTION 4-314 AND DSA IR A-22. THE PROJECT INSPECTOR SHALL VERIFY ALL CONSTRÙCTIÔN COMPLIES CONDUIT DUCT BANK DETAIL SCALE: NONE SEMI-FLUSH POLE BASE DETAIL (MAX 20' POLE) SCALE: NONE 6



HORN AND HORN/STROBE CIRCUI

JUNCTION BOX OR EXTERIOR WEATHERPROOF

JUNCTION BOX UNDER ROOF OVERHANG

EXTERIOR SPEAKER MOUNTING

MOUNTING IAB EXTERIOR
WITH LAG
SCREWS FOR
MOUNTING WEATHERPROOF
HORN

MIN. 90"A.F.F. AND BELOW CEILING/CANOPY OF NOT LESS THEN 6"

TOP OF WALL MOUNTED AUDIBLE NOTIFICATION

CEILING/CANOPY NOT LESS THAN 6"

MWBB —WEATHERPROOF

60.0 HOURS STANDBY AND 10 MINUTES ALARM.

POWER FOR FIRE ALARM CONTROL PANEL

2. PROVIDE A MINIMUM OF 7 A-HR OF TOTAL BATTERY STANDBY

SIGNAL LINE CKT LOOP(+)

ROOF JOIST/BEAM

JUNCTION BOX

CEILING.

CEILING SPACE — MOUNTED IN

____ 3'-MIN FROM AIR DIFFUSER

REMOTE LED (OPTIONAL)

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

E-0.3

NOTE: WORST CASE

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

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

High

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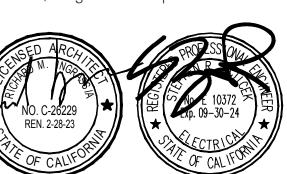
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Sheet Title

STATE OF CALIFORNIA			STATE OF CALIFORNIA			STATE OF CALIFORNIA		
Outdoor Lighting CERTIFICATE OF COMPLIANCE		CALIFORNIA ENERGY COMMISSION NRCC-LTO-E	Outdoor Lighting CERTIFICATE OF COMPLIANCE		CALIFORNIA ENERGY COMMISSION NRCC-LTO-E	Outdoor Lighting CERTIFICATE OF COMPLIANCE	CALIFORN	NIA ENERGY COMMISSION NRCC-LTO-E
This document is used to demonstrate compliance with requirements in 110.9, 130.0, nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 110.9, 130.0,		s using the prescriptive path for	Project Name: CULVER	CITY HIGH SCHOOL Report Page: 401 ELENDA STREET Date Prepared:	(Page 2 of 7) 2/13/2023	Project Name: Project Address:	CULVER CITY HIGH SCHOOL Report Page: 4401 ELENDA STREET Date Prepared:	(Page 3 of 7) 2/13/2023
the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes		(Page 1 of 7)	i i ojeci zadi essi	JOSE ELEMBRISHEEL POLET TOPOLOGI	2, 10, 2020	. To Justi Mada 1850	THE LEGISTONIE DESCRIPTION OF THE PARTY OF T	2, 13, 2023
	STREET Date Prepared:	2/13/2023	C. COMPLIANCE RESULTS			F. OUTDOOR LIGHTING FIXTURE SCHEDULE		
A. GENERAL INFORMATION			Results in this table are automatically calculated from data input and calcu		'COMPLIES with Exceptional Conditions" refer	the spaces covered by the permit application are included	ance with 140.7 / 170.2(e)6 all new luminaires being installed and any existing luminaires remaining o in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)2L only r	new luminaires being
01 Project Location (city) CULVER CITY 02 Climate Zone 8	04 Total Illuminated Hardscape Area (ft²) 18	300	to Table D. Exceptional Conditions for guidance or see applicable Table refe Calculations of Total Allowed Lighting Power (Watts) 140.7 / 17		Compliance Results	Outdoor lighting attached to multifamily buildings and co	rt of the project scope are included (ie, existing luminaires remaining or existing luminaires being mov ntrolled from the inside of a dwelling unit are included in Table H. and are not included here. All other i	
03 Outdoor Lighting Zone per Title 24 Part 1 10.114 or as designated by Authority H	V. 100		01 02 03 04 General Por	05 06 07 Existing	08 09	lighting is included here. Designed Wattage:		
□ LZ-0: Very Low - Undeveloped Parkland □ LZ-2: Moderate - Urban Clusters □ LZ-1: Low - Rural Areas □ LZ-3: Moderately High - Urban Areas	eas LZ-4: High - Must be reviewed by CA Energy	y Commission for Approval	Hardscape Application Sales Ornamental	+ Per Specific Power Area OR Allowance = Total Allowed	≥ Total Actual	01 02		09 10 toff Req. > Field
05 Occupancy Types within Project			140.7(d)1 / 170.2(e)6 / 170.2(e)6 / (See Table I) / (See Table I) / (See Table I)	140.7(d)2 / 170.2(e)6 (See Table M) 141.0(b)2L / 180.2(b)4Bv (Watts)	(Watts) 07 must be >= 08	Name or Item Complete Luminaire Description	Watts per How is Wattage Total Number Luminaire Excluded per 140.7(a) / Design Watts Jume	200 initial Inspector
Convention Center			(See Table I) (See Table I)	(See Table IV) (See Table N) + OR = 261	≥ 240 COMPLIES	Tag	determined Luminaires 1 Status 170.2(e)6A 13	30.2(b) / Pass Fail 60.5(c)1 ⁴
B. PROJECT SCOPE			Shielding Compliance	(See Table G for Details)	N/A Not applicable	SL1 LED POST TOP Linear	I 80 I IVITE Spec I 3 I New I 🖂 I 240 I .	A: < 6200
This table includes outdoor lighting systems that are within the scope of the permit ap 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations.	oplication and are demonstrating compliance using the p	prescriptive path outlined in 140.7 /	Controls Compliance	(See lable H for Details)	ног аррпсавіе	* NOTES Calastina with a * annita and in the annual balance	Total Design Watts: 240	
My Project Consists of:	02		D. EXCEPTIONAL CONDITIONS			* NOTES: Selections with a * require a note in the space below (EX: Luminaire is lighting a statue; EXCEPTION 2 to 130.2(b)		
	wances from 140.7 / 170.2(e)6		This table is auto-filled with uneditable comments because of selections m	ade or data entered in tables throughout the form.		² For linear luminaires, wattage should be indicated as W/lf insta	e cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b) ad of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.	
Altered Lighting System Is your alteration increa	osing the connected lighting load (Watts)?	Yes No	E. ADDITIONAL REMARKS			for existing luminaires within the project scope that are not bein the project scope.	ct, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "E altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and rein	rexisting to Remain installed as part of
<u> </u>	uminaires Being Added or Altered	Calculation Method	This table includes remarks made by the permit applicant to the Authority	Having Jurisdiction.			for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b)/ 160.5(c)	
☐ < 10% ☐ >= 10% and < 50% ☐ >= 50% Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's	luminaires.					G. SHIELDING REQUIREMENTS (BUG)		
¹ FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being	g Added or Altered / Existing Luminaires within the Scop	e of the Permit Application) x 100.				This section does not apply to this project.		
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101	Documentation Software: EnergyPro Compliance ID: EnergyPro-7526-0223-0016 Report Generated: 2023-02-13 16:13:46	Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101	Documentation Software: EnergyPro Compliance ID: EnergyPro-7526-0223-0016 Report Generated: 2023-02-13 16:13:46	Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential	Compliance Report Version: 2022,0.000 Compliance ID: E	ntation Software: EnergyPro EnergyPro-7526-0223-0016 erated: 2023-02-13 16:13:46
STATE OF CALIFORNIA			STATE OF CALIFORNIA			STATE OF CALIFORNIA		
Outdoor Lighting CERTIFICATE OF COMPLIANCE		CALIFORNIA ENERGY COMMISSION NRCC-LTO-E	Outdoor Lighting CERTIFICATE OF COMPLIANCE		CALIFORNIA ENERGY COMMISSION NRCC-LTO-E	Outdoor Lighting CERTIFICATE OF COMPLIANCE		NIA ENERGY COMMISSION NRCC-LTO-E
	STREET Date Prepared:	(Page 4 of 7) 2/13/2023		CITY HIGH SCHOOL Report Page: 401 ELENDA STREET Date Prepared:	(Page 5 of 7) 2/13/2023	Project Name: Project Address:	CULVER CITY HIGH SCHOOL Report Page: 4401 ELENDA STREET Date Prepared:	(Page 6 of 7) 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	or alteration projects. luminaires which are	I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e)) This table includes areas using allowance calculations per 140.7 / 170.2(e)	General 01		M. LIGHTING ALLOWANCE: PER SPECIFIC AREA		
existing to remain (ie untouched) and luminaires which are removed and reinstalled (the permit application.			Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lo Allowances are per Table 140.7-B/Table 170.2-S. Indicate which allowance	"Use it or lose it" Allowance	(select all that apply) (select all that apply)	This section does not apply to this project.		
Outdoor lighting for nonresidential buildings, parking garages and common service as multifamily buildings and controlled from the inside of a dwelling unit	reas in multifamily buildings must be documented separ	ately from outdoor lighting attached to	used to expand sections for user input. Luminaires that qualify for one of t lose it" allowances shall not qualify for another "Use it or lose it" allowance	he "Use it or Hardscape Per Sales Fr	ontage	N. EXISTING CONDITIONS POWER ALLOWANCE (alt	erations only)	
Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common A	reas in Multifamily Buildings	05	Outdoor lighting attached to multifamily buildings and controlled from the dwelling unit are included in Table H. and are not included here. All other I	e inside of a Table I (below) Table		This section does not apply to this project.		
Shut-Off Auto-Scher		Field Inspector	outdoor lighting is included here. Calculated General Hardscape Lighting Power Allowance per Table 140.7-A	A for Nonresidential & Hotel/Motel		O. DECLARATION OF REQUIRED CERTIFICATES OF IN	STALLATION	
Area Description 130.2(c)1 / 160.5(c) 130.2(c)2 / 16		Pass Fail	02 03 Area W	04 05 06 0 /attage Allowance (AWA) Linear Wattage Allowance (AWA)	7 08 09 Allowance (LWA) Total General		Form/Title	
¹ FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with 2Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance.				Allowed Density (W/ft²) (Watts) Perimeter Length (W/ft²) (Watts) (If) (W	Density Linear Allowance AWA + LWA	NRCI-LTO-E - Must be submitted for all buildings		
³ Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed	d in non-insulated ceilings are excepted from ii and iii.		EXTERIOR LIGHTING 1800	0.019 34.2 180 0	2 27 61	P. DECLARATION OF REQUIRED CERTIFICATES OF AC	CEPTANCE	
					nce for Entire Site (Watts): 200 age Allowance (LZ 0 only) ¹	There are no NRCA forms required for this project.		
				Total General Har	dscape 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.					
	Generated Date/Time: Report Version: 2022.0.000	Documentation Software: EnergyPro Compliance ID: EnergyPro-7526-0223-0016	Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Generated Date/Time: Report Version: 2022.0.000	Documentation Software: EnergyPro Compliance ID: EnergyPro-7526-0223-0016	Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential		ntation Software: EnergyPro EnergyPro-7526-0223-0016
	Schema Version: rev 20220101	Report Generated: 2023-02-13 16:13:46	CA Building Effergy Efficiency Standards - 2022 Normesidential Compilance	Schema Version: rev 20220101	Report Generated: 2023-02-13 16:13:46	CA building Energy Entitlency Standards - 2022 Nonresidential		erated: 2023-02-13 16:13:46
						STATE OF CALIFORNIA		
						Outdoor Lighting CERTIFICATE OF COMPLIANCE	CALIFORN	NIA ENERGY COMMISSION NRCC-LTO-E
						Project Address:	CULVER CITY HIGH SCHOOL Report Page: 4401 ELENDA STREET Date Prepared:	(Page 7 of 7) 2/13/2023
						Project Address.	4401 EERON STREET Date Piepaleu.	2/ 13/ 2023
						DOCUMENTATION AUTHOR'S DECLARATION STATES	MENT	
						I certify that this Certificate of Compliance docume Documentation Author Name:		
						Steve Zajicek Company:	Signature Date:	
						FBA Engineering Address:	2023-02-13 CEA/ HERS Certification Identification (if applicable):	
						150 Paularino Avenue Suite A120 City/State/Zip:	E10372 Phone:	
						Costa Mesa CA 92626 RESPONSIBLE PERSON'S DECLARATION STATEMENT	9498529995	
						I certify the following under penalty of perjury, under the laws of the St 1. The information provided on this Certificate of Compliance	te of California: s true and correct.	
						I am eligible under Division 3 of the Business and Profession	s Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible als, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance	
						 The building design features or system design features iden plans and specifications submitted to the enforcement age 	ified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents cy for approval with this building permit application.	
						 I will ensure that a completed signed copy of this Certificate inspections. I understand that a completed signed copy of t 	of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcements is Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at or	
						Responsible Designer Name: STEVE ZIJICEK PE	Responsible Designer Signature:	
						Company: FBA ENGINEERING	Date Signed: 4 2023-02-13	
						Address: 150 PAULARINO AVE	License: E10372	

City/State/Zip: COSTA MESA CA 92626

Registration Number:

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

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8640 National Boulevard
Culver City, CA 90232
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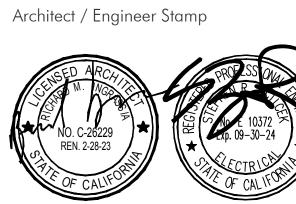
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> Addition Press Box Culver City High School Pr Culver City Unified School Distri 4401 Elenda Street Culver City, California 90230

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FBA Job Number: 1126 014

Sheet Title **OUTDOOR TITLE 24**

Sheet Number

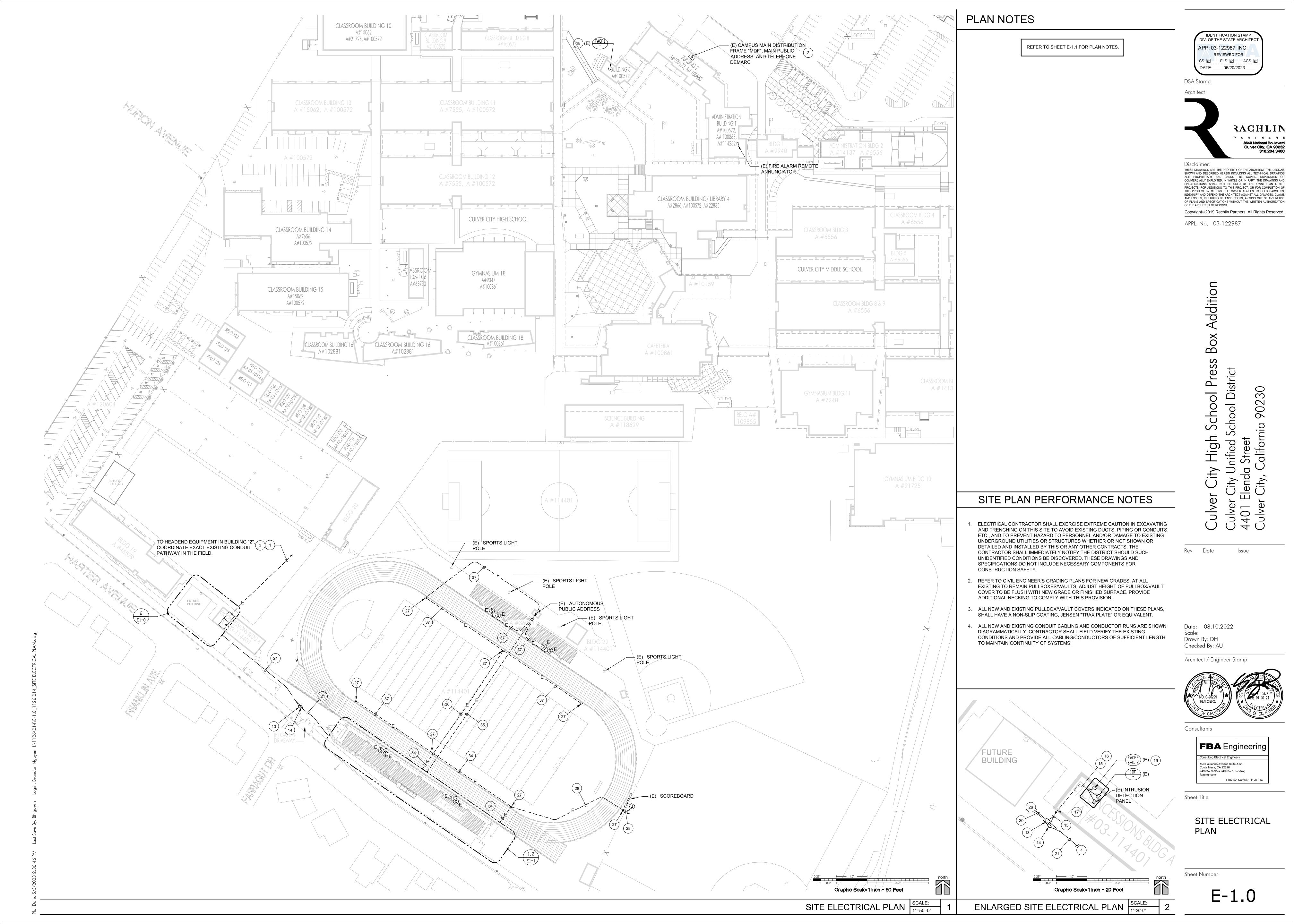
Documentation Software: EnergyPro

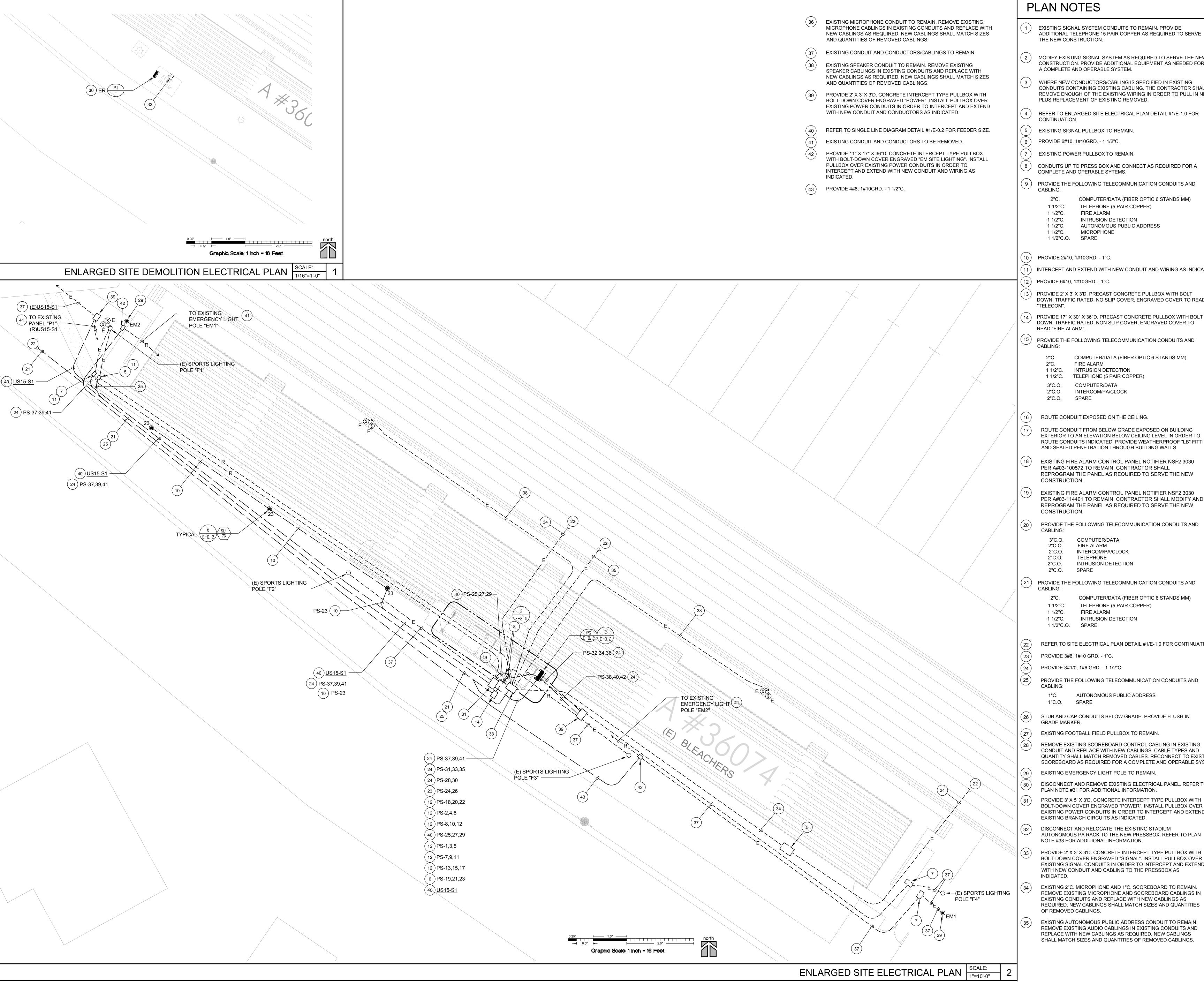
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Generated Date/Time:

Report Version: 2022.0.000

Schema Version: rev 20220101





PLAN NOTES

- EXISTING SIGNAL SYSTEM CONDUITS TO REMAIN. PROVIDE ADDITIONAL TELEPHONE 15 PAIR COPPER AS REQUIRED TO SERVE THE NEW CONSTRUCTION.
- MODIFY EXISTING SIGNAL SYSTEM AS REQUIRED TO SERVE THE NEW CONSTRUCTION. PROVIDE ADDITIONAL EQUIPMENT AS NEEDED FOR
- 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 REMOVED.
- REFER TO ENLARGED SITE ELECTRICAL PLAN DETAIL #1/E-1.0 FOR
- EXISTING SIGNAL PULLBOX TO REMAIN.
- PROVIDE 6#10, 1#10GRD. 1 1/2"C.

- CONDUITS UP TO PRESS BOX AND CONNECT AS REQUIRED FOR A COMPLETE AND OPERABLE SYTEMS.
- 9) PROVIDE THE FOLLOWING TELECOMMUNICATION CONDUITS AND

COMPUTER/DATA (FIBER OPTIC 6 STANDS MM) TELEPHONE (5 PAIR COPPER)

FIRE ALARM INTRUSION DETECTION AUTONOMOUS PUBLIC ADDRESS

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.
- 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
- DOWN, TRAFFIC RATED, NON SLIP COVER, ENGRAVED COVER TO READ "FIRE ALARM".
- (15) PROVIDE THE FOLLOWING TELECOMMUNICATION CONDUITS AND
 - COMPUTER/DATA (FIBER OPTIC 6 STANDS MM) FIRE ALARM
 - INTRUSION DETECTION
 - TELEPHONE (5 PAIR COPPER)
 - COMPUTER/DATA INTERCOM/PA/CLOCK
 - SPARE
- ROUTE CONDUIT EXPOSED ON THE CEILING.
- 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.
- 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.
- 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
- PROVIDE THE FOLLOWING TELECOMMUNICATION CONDUITS AND
- COMPUTER/DATA FIRE ALARM INTERCOM/PA/CLOCK TELEPHONE
- (21) PROVIDE THE FOLLOWING TELECOMMUNICATION CONDUITS AND

INTRUSION DETECTION

- COMPUTER/DATA (FIBER OPTIC 6 STANDS MM) TELEPHONE (5 PAIR COPPER) FIRE ALARM
- INTRUSION DETECTION
- REFER TO SITE ELECTRICAL PLAN DETAIL #1/E-1.0 FOR CONTINUATION.

PROVIDE 3#6, 1#10 GRD. - 1"C.

PROVIDE 3#1/0, 1#6 GRD. - 1 1/2"C.

PROVIDE THE FOLLOWING TELECOMMUNICATION CONDUITS AND

AUTONOMOUS PUBLIC ADDRESS

STUB AND CAP CONDUITS BELOW GRADE. PROVIDE FLUSH IN GRADE MARKER.

EXISTING FOOTBALL FIELD PULLBOX TO REMAIN. 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. EXISTING EMERGENCY LIGHT POLE TO REMAIN.

DISCONNECT AND REMOVE EXISTING ELECTRICAL PANEL. REFER TO

PLAN NOTE #31 FOR ADDITIONAL INFORMATION. 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

DISCONNECT AND RELOCATE THE EXISTING STADIUM AUTONOMOUS PA RACK TO THE NEW PRESSBOX. REFER TO PLAN NOTE #33 FOR ADDITIONAL INFORMATION.

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

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.

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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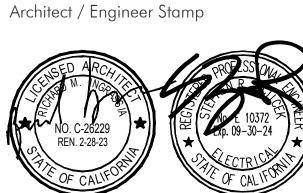
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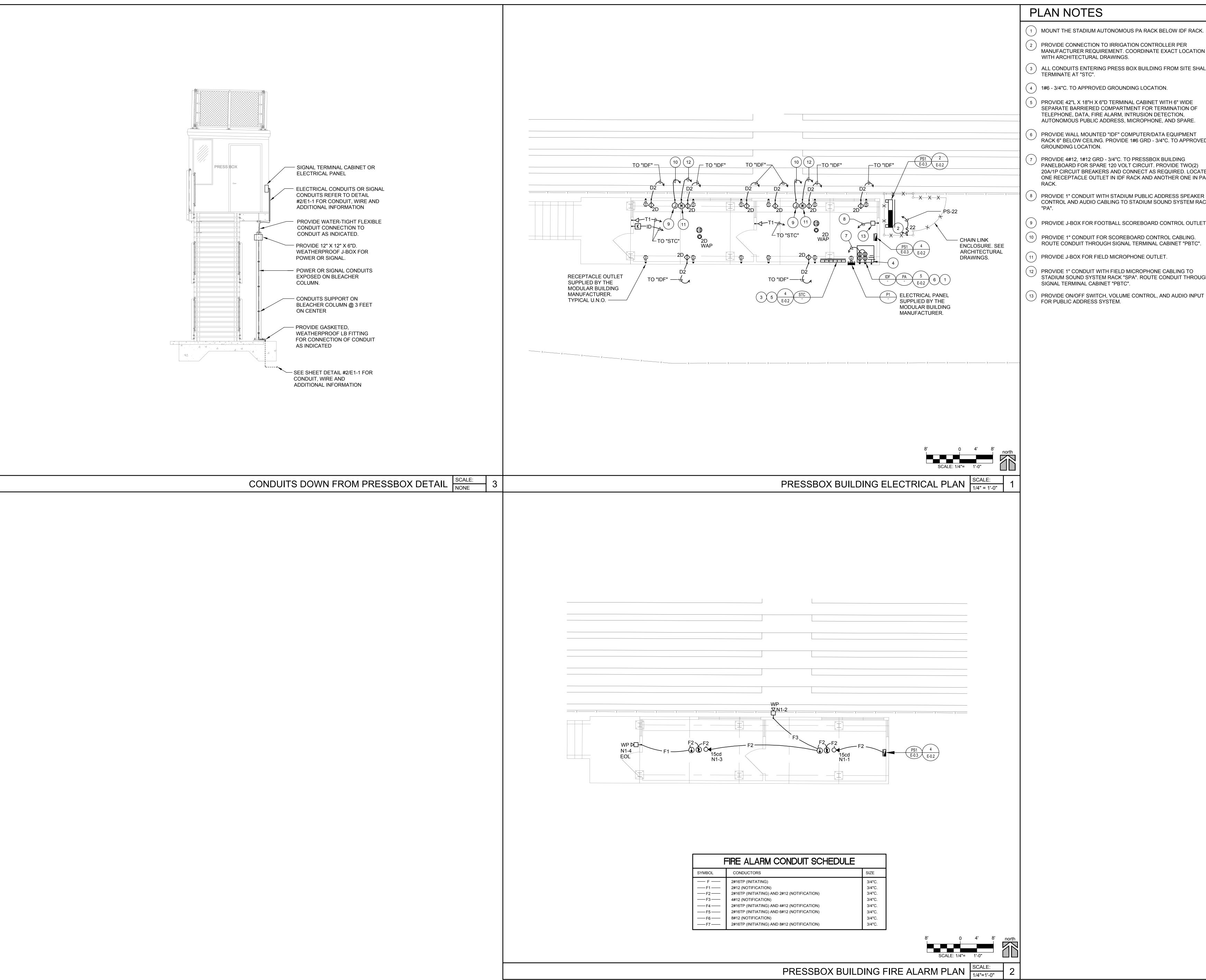
Consultants

FBA Engineering 949.852.9995 • 949.852.1657 (fax)

FBA Job Number: 1126 014

Sheet Title

ENLARGED SITE ELECTRICAL PLAN



-) MOUNT THE STADIUM AUTONOMOUS PA RACK BELOW IDF RACK.
- MANUFACTURER REQUIREMENT. COORDINATE EXACT LOCATION
- ALL CONDUITS ENTERING PRESS BOX BUILDING FROM SITE SHALL
- PROVIDE WALL MOUNTED "IDF" COMPUTER/DATA EQUIPMENT RACK 6" BELOW CEILING. PROVIDE 1#6 GRD - 3/4"C. TO APPROVED
- 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
- PROVIDE 1" CONDUIT WITH STADIUM PUBLIC ADDRESS SPEAKER CONTROL AND AUDIO CABLING TO STADIUM SOUND SYSTEM RACK
- PROVIDE J-BOX FOR FOOTBALL SCOREBOARD CONTROL OUTLET.
- ROUTE CONDUIT THROUGH SIGNAL TERMINAL CABINET "PBTC".
- STADIUM SOUND SYSTEM RACK "SPA". ROUTE CONDUIT THROUGH

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Date: 08.10.2022 Scale: Drawn By: DH

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FBA Engineering

FBA Job Number: 1126 014

Sheet Title

PRESSBOX ELECT. **PLANS**

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

SHEET TITLE	SHEET NUMBER
COVER PAGE GENERAL NOTES HOME	B1 B2
FOOTING LAYOUT PIER DETAILS PIER DETAILS UNDERSTRUCTURE LAYOUT ELEVATION VIEWS SECTION VIEWS SIGHT LINES EXITS PRESS BOX LAYOUT PRESS BOX FRAMING PLAN PRESS BOX FROOF HATCH PRESS BOX DETAILS	B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13 B14 B15 B16 B17 B18
EXIT DETAILS DETAILS DETAILS	B18 B19 B20





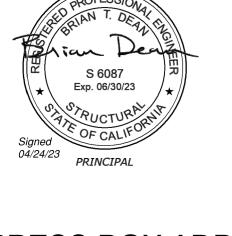


PO Box One, Graham, Texas 76450 801 Fifth Street. Phone: 940/549-0733 Fax: 940/549-1365

Established 1946

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

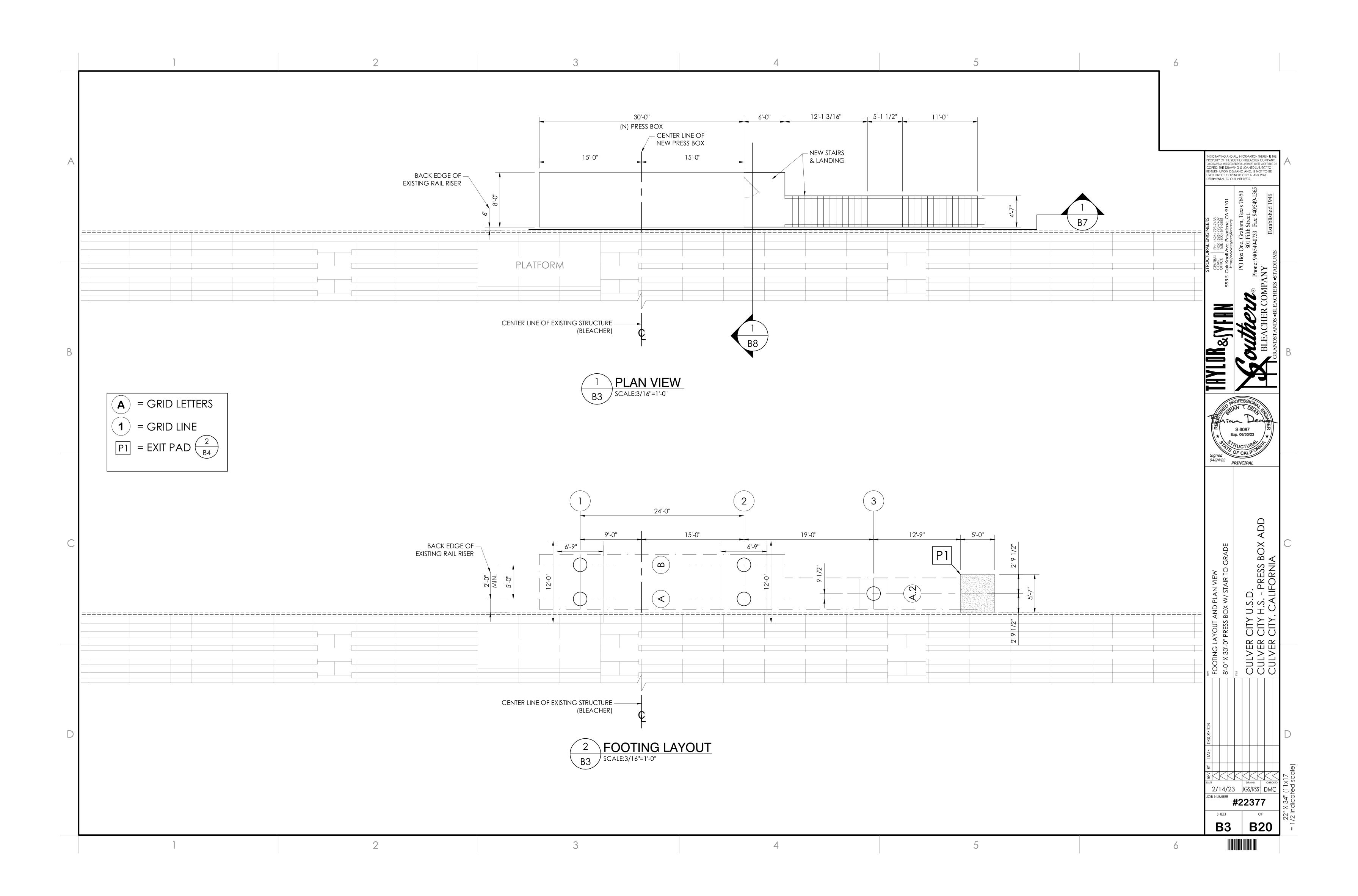
DATE: 2/14/23
JOB #22377R1
CULVER CITY U.S.D.
CULVER CITY HIGH SCHOOL - PRESS BOX ADD
CULVER CITY, CALIFORNIA

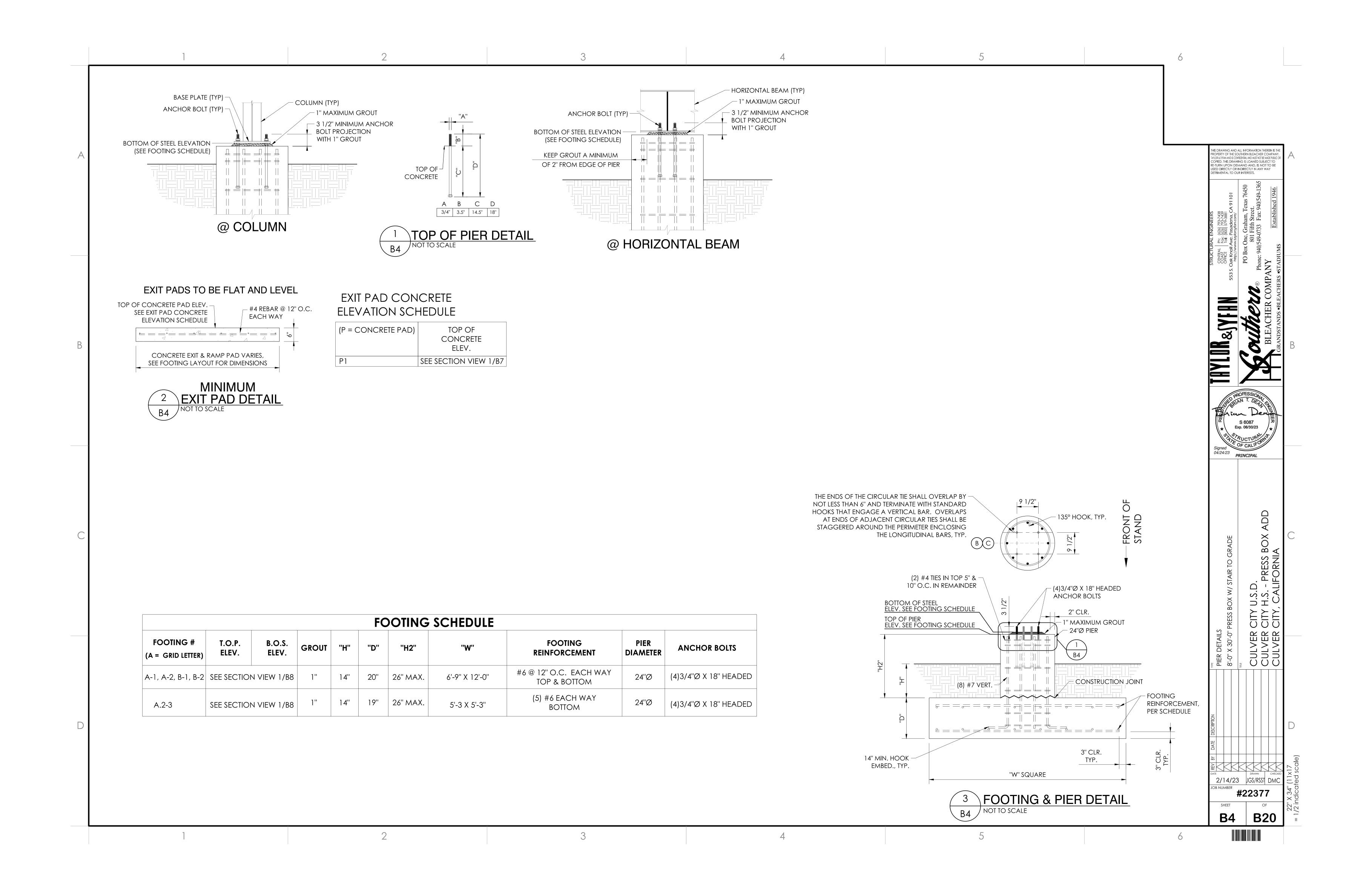


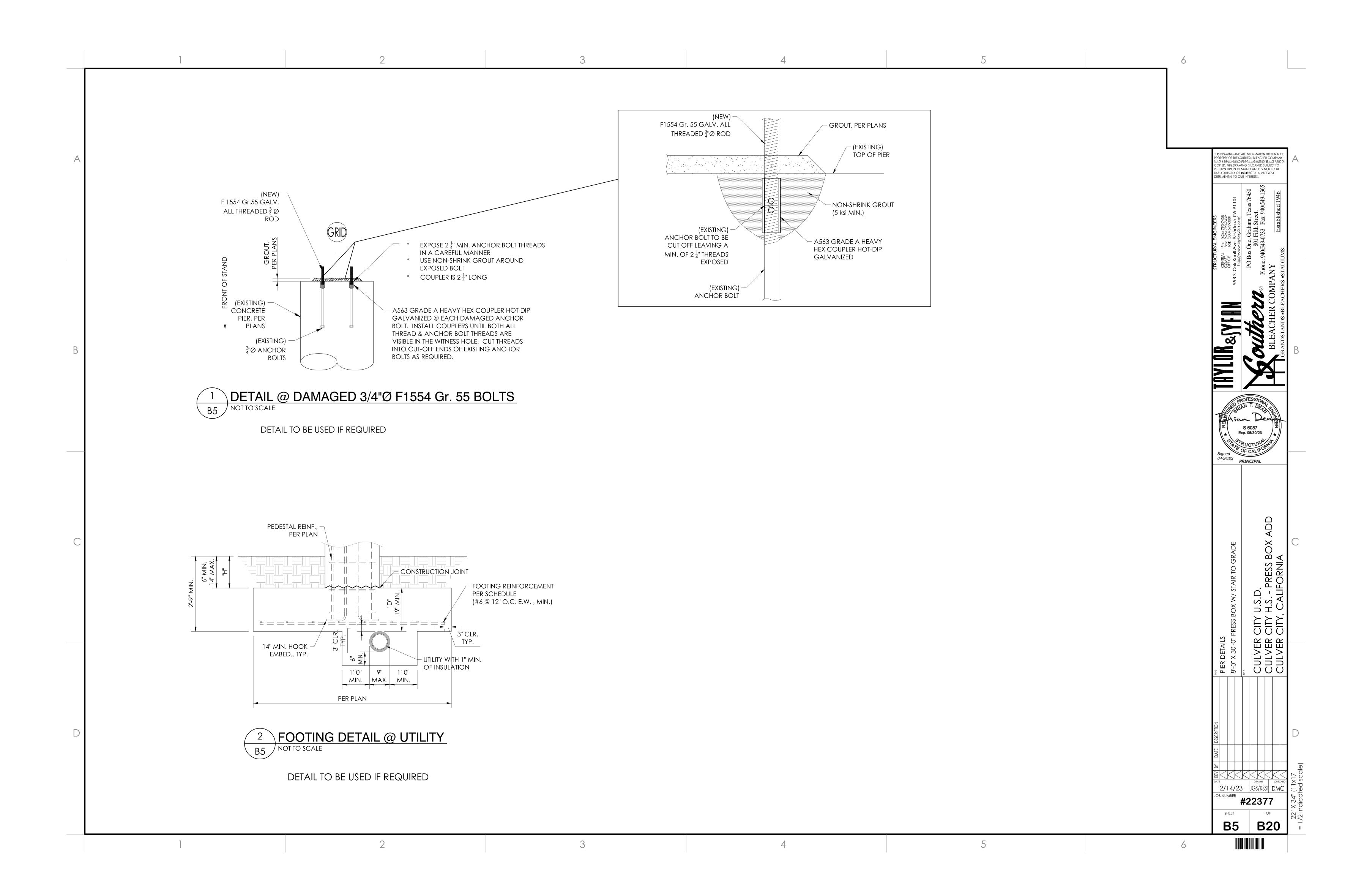
B1 B20

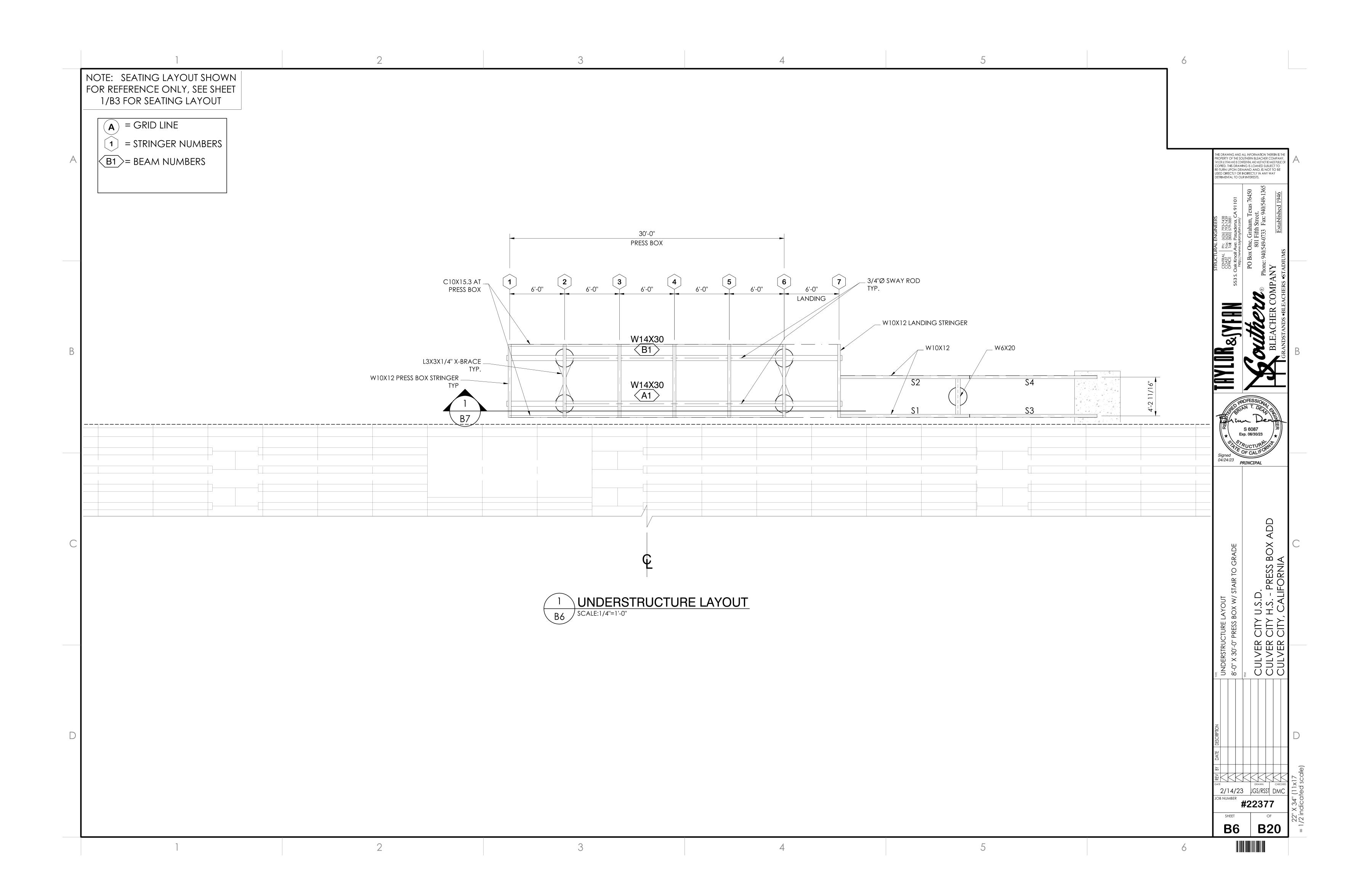
CONCRETE NOTES: FOUNDATION: CONCRETE - EPOXY ANCHORED THREADED RODS: GENERAL REQUIREMENTS: 1. GEOTECHNICAL INVESTIGATION: "GEOTECHNICAL INVESTIGATION REPORT" BY TWINING CONSULTING 1. MAXIMUM SIZE AGGREGATE SHALL BE AS FOLLOWS: MATERIALS: (ICC ESR 3187) CONFLICTS: NOTES AND DETAILS ON THE DRAWINGS TAKE PRECEDENCE OVER THE GENERAL DATED: 12/8/22 (REVISED 12/14/2022) HILTI HIT-HY200 EPOXY ADHESIVE NOTES AND TYPICAL DETAILS IN CASE OF CONFLICT. CONCRETE (MIN).......F'c = 3,000 PSI STONE AGGREGATE REPORT DATA: PROJECT NO. 220695.1 AGGREGATE FOR CONCRETE SHALL CONFORM TO ASTM C33. GRADING OF AGGREGATE SHALL CONFORM TO TITLE 24, PART 2 ASTM F1554 Gr. 55 (Fy= 55ksi MIN.) , HDG 2. CODES: ALL MATERIALS AND WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA SOIL PRESSURES: CHAPTER 19-A. CBC. ASTM A-563 HEX, GRADE A, HDG CODE OF REGULATIONS, TITLE 24, PART 2, 2022 CALIFORNIA BUILDING CODE (CBC) & ICC 300. <u>4000</u> psf 2. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE 3,000 PSI. COEFFICIENT OF FRICTION. 2. INSTALLATION: . SIMILAR WORK: WHERE CONSTRUCTION DETAILS ARE NOT SHOWN OR NOTED FOR ANY PART OF PASSIVE PRESSURE... SLUMP = 5" MAX. W/C RATIO IS 0.50 MAX. THE WORK, SUCH DETAILS SHALL BE THE SAME AS FOR SIMILAR WORK SHOWN ON THE DRAWINGS. A. CARBIDE-TIPPED DRILL BITS ANSI B212.15-1994. RAWING AND ALL INFORMATION THEREIN SOIL REMOVAL AND RECOMPACTION: PER GEOTECHNICAL INVESTIGATION AND THE CONTRACT 3. ALL REINFORCING SHALL BE ASTM A615 GRADE 40 FOR #3, GRADE 60 FOR #4 AND LARGER. 4. EXCAVATIONS: OWNER TO LOCATE AND PROTECT UNDERGROUND OR CONCEALED CONDUIT, DOCUMENTS. SOILS WORK SHALL BE OBSERVED AND TESTED BY THE GEOTECHNICAL ENGINEER. B. HOLES DRILLED WITH HOLLOW BIT, NO CLEANING OR BRUSHING REQUIRED. FAN AND IS CONFIDENTIAL AND MUST NOT BE MADE PI REINF. TO BE WELDED SHALL BE ASTM A706. PLUMBING OR OTHER UTILITIES WHERE NEW WORK IS BEING PERFORMED. PIED. THIS DRAWING IS LOANED SUBJECT TO FURN UPON DEMAND AND, IS NOT TO BE ED DIRECTLY OR INDIRECTLY IN ANY WAY RIMENTAL TO OUR INTERESTS. 4. GEOTECHNICAL ENGINEER: SHALL OBSERVE FOOTINGS BEFORE PLACEMENT OF REINFORCING OR 4. ALL DIMENSIONS SHOWN FOR LOCATION OF REINFORCING STEEL ARE TO FACE OF BAR AND C. INSTALLATION AND ALLOWABLE LOADING: **DESIGN CRITERIA** CONCRETE. FOOTING OBSERVATION AND COMPACTION REPORTS SHALL BE SENT TO THE DENOTE CLEAR COVERAGE. UNLESS SPECIFICALLY NOTED, CONCRETE COVERAGE SHALL BE AS ARCHITECT AND DSA. FOLLOWS: 3" FOR CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) . DEAD LOADS: COLD FORMED MEMBERS (PRESS BOX): HILTI HIT-HY200 5. SOIL PREPARATION: AS INDICATED IN THE GEOTECHNICAL INVESTIGATION REPORT AND AS 2" FOR CONCRETE EXPOSED TO GROUND OR WEATHER BUT PLACED IN FORMS. BLEACHERS (INCLUDES GIRDERS).... . 10 PSF HARD ROCK TEST VALUES CONCRETE SPECIFIED IN THE PROJECT SPECIFICATIONS. COORDINATE WITH GEOTECHNICAL ENGINEERS. PLACE REINF. AT MID-THICKNESS FOR SLABS ON GROUND. . LIVE LOADS: ROD BIT DIAM. MIN. MIN TENSION (IN.) | EMBED. | EDGE | TEST LOAD LIVE LOAD.. . 100 PSF 6. MANDATORY MINIMUM FORMWORK (unless fully formed). STEEL PROPERTIES 5. CONCRETE SHALL NOT BE DROPPED THROUGH REINF. STEEL (AS IN WALL) SO TO CAUSE . 120 PLF (IN.) | DIST. (IN.) | (LBS.) 4" SQUARE X 11 GA. TUBE | A500 GRADE B Fy = 46ksi, MIN SEGREGATION OF AGGREGATES. IN SUCH CASES, HOPPERS AND VERTICAL CHUTES OR TRUNKS FOOTBOARDS... . 100 PSF 3/8 7/16 3-3/8 5-1/4 2,213 DIAGONAL ANGLE | L2 X 2 X 3/16 SHALL BE USED. CHUTES OR TRUNKS SHALL BE OF VARIABLE LENGTHS SO THAT FREE UNCONFINED SWAY (PERPENDICULAR). 10 PLF Fy = 50ksi, MIN.BELLY PAN ANGLE 1/2 9/16 4-1/2 6-3/8 4,276 FALL OF CONCRETE SHALL NOT EXCEED FIVE (5) FEET AND SUFFICIENT NUMBER SHALL BE USED TO $3\frac{1}{2}$ MIN. STARTER WALL -SWAY (PARALLEL)... Fy = 55ksi, MIN. Fy = 55ksi, MIN. A1011 / A653 — AFTER SET-CLEAN TO REMOVE 5/8 3/4 4-1/2 7-1/2 5,123 GUARDRAILS AND HANDRAILS*... REQ'D FOR FTGS. INSURE THE CONCRETE BEING LEVEL AT ALL TIMES. LAITANCE & SCUM BELOW GRADE 11GA. OR 1/8" A1011 / A653 / A786 Fy = 27ksi, MIN. * OR A 200 POUND CONCENTRATED LOAD APPLIED TO RAIL AT ANY /— 2" PLANKING, TYP. — CURB OR 6. HORIZONTAL CONSTRUCTION JOINTS SHALL HAVE ENTIRE SURFACE REMOVED TO EXPOSED CLEAN POINT IN ANY DIRECTION. CONT. MIN. — STARTER WALL CLEANOUT AGGREGATE SOLIDLY EMBEDDED. 1. CODES AND FABRICATION: STEEL STUD MANUFACTURER'S ASSOCIATION ICC ESR 3064P OR **†** FORMWORK SPECIFICATIONS APPROVED EQUAL. 7. ALL STEEL COLUMN BASE PLATES AND STEEL BEAMS BEARING ON CONCRETE SHALL BEAR UPON 1" DEAD LOADS DRYPACK AND LEVELING NUTS EXCEPT AS NOTED OTHERWISE. FLOOR... 15 PSF 2. COLD FORMED SHAPES SHALL BE LIMITED TO A THICKNESS OF 11 GAGE OR THINNER. – CUT BACK — 3. CAPACITY LOADS ARE STRENGTH DESIGN LOADS. ROOF... . 15 PSF SPALL <u>ALUMINUM:</u> 8. WHERE STEEL MEMBERS BEAR IN CONCRETE, GAPS BETWEEN BASE PLATE AND CONCRETE SHOULD STAKES NOT PERMITTED WITHIN FTG. LIVE LOADS 4. DO NOT INSTALL IN CONCRETE THAT IS LESS THAN 7 DAYS OLD. SECTION FOOTING DESIGN SHOULD BE BE DRY-PACKED WITH GROUT AFTER STEEL IS IN PLACE. GROUT SHALL BE PER CONCRETE FLOOR/ROOF.. . 100 PSF FORMWORK NOT CHECKED FOR STRESS USING THE CONTRACTOR AND SHALL BE 5 KSI MINIMUM. MATERIALS: ALUMINUM PERMITTED BELOW NOMINAL DIMENSIONS. FOUNDATION 5. MINIMUM MEMBER THICKNESS TO RECEIVE ROD SHALL BE NO LESS THAN 1.5 TIMES THE ANCHOR SHAPES.....ALLOY 6061-T6 OR 6005-T5 (Fy = 35 KSI) 3. LATERAL LOADS: GRADE UNLESS SETTLEMENTS IF CRITICAL SHOULD BE FULLY FORMED. 9. PROVIDE MINIMUM LAP SPLICES FOR CONTINUOUS REINFORCEMENT PER THE SCHEDULE PROVIDED BALANCED FORMED (NOMINAL PLANKING......ALLOY 6063-T6 (Fy = 25 KSI) dimensions) and unformed BELOW. PROVIDE MINIMUM DEVELOPMENT FOR HOOKED BARS PER THE SCHEDULE BELOW. A) SEISMIC - SHORT PERIOD WIDTH SHOWN (TRENCH DIMENSIONS). 6. ANCHORS SHALL BE INSTALLED IN HAMMER DRILLED HOLES 2. DISSIMILAR MATERIALS: WHERE ALUMINUM SURFACES ARE IN CONTACT WITH STEEL, THE SPECTRAL RESPONSE... . Ss = 1.927 gON DRAWINGS + 2" ONE - SECOND PERIOD SPECTRAL RESPONSE. $S_1 = 0.680 g$ STRUCTURAL STEEL: A. STARTER WALL REQUIRED FOR ALL MASONRY OR CONCRETE WALLS. 3. MILL FINISHED ALUMINUM WILL BECOME DISCOLORED DUE TO OXIDATION WHICH IS A SITE CLASSIFICATION.. B. FOUNDATION CONCRETE MAY BE PLACED DIRECTLY INTO NEAT EXCAVATIONS PROVIDED THE NATURAL PHENOMENON & SHOULD BE EXPECTED. SITE COEFFICIENT. Fa = 1.200TYPICAL LAP SPLICES AND FOUNDATION TRENCH WALLS ARE STABLE AS DETERMINED BY THE ARCHITECT (STRUCTURAL 1. CODES: AISC SPECIFICATION FOR STRUCTURAL STEEL FOR BUILDINGS; MANUAL OF STEEL $F_V = 1.400$ **DEVELOPMENT U.N.O. PER PLAN** SITE COEFFICIENT... ENGINEER) SUBJECT TO THE APPROVAL OF THE DIVISION OF THE STATE ARCHITECT. IN SUCH CASE CONSTRUCTION (15TH EDITION); STRUCTURAL WELDING CODE AWS D1.1 AND AWS D1.4. PIPES 4. ANODIZED ALUMINUM HANDRAIL IS 1 1/4" PIPE SIZE. ADJUSTED SPECTRAL RESPONSE... .. $S_{MS} = 2.312 g$ 3000 psi Conc., 60 ksi Rebar, 2" Clr. Min. THE MINIMUM FORMWORK SHOWN ON THE DRAWINGS IS MANDATORY TO INSURE CLEAN SHALL BE IDENTIFIED WITH MILL IDENTIFICATION IN ACCORDANCE WITH ASTM A-53 AND TUBE ADJUSTED SPECTRAL RESPONSE... $S_{M1} = 0.952 g$ EXCAVATIONS IMMEDIATELY PRIOR TO AND DURING THE PLACING OF CONCRETE. Bar Size Hook Dev. SHAPES IN ACCORDANCE WITH ASTM A-500. 5. ALUMINUM TO CONFORM TO 2015 ALUMINUM DESIGN MANUAL. DESIGN SPECTRAL RESPONSE.... ... $S_{DS} = 1.542 g (2/3 Sms)$ Length (Ldh) DESIGN SPECTRAL RESPONSE...... $S_{D1} = 0.635 g (2/3 Sm1)$ 7. FOUNDATIONS GEOTECHNICAL / GRADING REQUIREMENTS: SPECIAL INSPECTION/INSPECTOR REQUIREMENTS 2. IDENTIFICATION: ROLLED STRUCTURAL STEEL SHAPES SHALL BE IDENTIFIED WITH MILL RISK CATEGORY: III IDENTIFICATION MARKS IN CONFORMANCE WITH ASTM A6. REQUIREMENTS FOR SPECIAL INSPECTION: I = 1.25GRADE - SEE CIVIL DRAWINGS SEISMIC DESIGN CATEGORY..... MATERIALS: 1. PROJECT INSPECTOR: IN ACCORDANCE WITH TITLE 24, PART I, SECTIONS 4-333 AND 4-342. STRUCTURAL SHAPES Exp. 06/30/23 ASTM A992/A572, Fy = Gr. 50 (Fy = 50 ksi Min.), UNO WIDE FLANGE..... 2. CERTIFIED SPECIAL INSPECTOR: EMPLOYED BY THE DISTRICT AND APPROVED BY THE ARCHITECT, CHANNELS AND ANGLES...... ASTM A529, Fy = Gr. 50 (Fy = 50 ksi Min.), UNO STRUCTURAL ENGINEER AND DSA. LATERAL SYSTEMS ASTM A529, Fy = Gr. 50 (Fy = 50 ksi Min.), UNO SWAYRODS..... HSS SHAPES (TUBE COLUMNS)...... ASTM A-500 GRADE B - 46 KSI 04/24/23 3. REPORTS: PREPARED BY THE SPECIAL INSPECTOR AND SIGNED BY A CIVIL ENGINEER. SUBMITTED PRINCIPAL BOTH DIRECTIONS: CH. 15 STEEL ORDINARY CONCENTRIC BRACED FRAMES PLATES $\frac{1}{2}$ " THICK OR LESS...... ASTM A36 Gr. 36 (Fy = 36 ksi Min.), UNO TO THE DSA, THE ARCHITECT, AND ENGINEER. ALL DISCREPANCIES SHALL BE BROUGHT TO THE R = 3.25IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION; THEN, IF NOT CORRECTED, TO PLATES GREATER THAN $\frac{1}{2}$ " THICK.... ASTM A572 Gr. 50 (Fy = 50 ksi Min.), UNO Rho = 1.3THE ARCHITECT, ENGINEER AND THE DSA (CBC 1704A.2.4). ASTM A-307, A325N TYPICAL U.N.O (HOT DIP Cs = 0.593 (1.0E longitudinal) GALVANIZED) V = pCsW = 0.771W (1.0E strength)4. THE SPECIAL INSPECTION IS TO BE CONTINUOUS DURING THE PERFORMANCE OF THE WORK HEAVY HEX (HOT DIP GALVANIZED) UNLESS OTHERWISE SPECIFIED. 12d (#6 & Larger Bars) 6d (#5 & Smaller Bars) NON-SHRINK GROUT.... ASTM C-1107 5,000 PSI (NON-METALLIC) Per Details DEPTH OF SOIL -ANCHOR BOLTS.... ASTM F1554 Gr. 55 (Fy=55 ksi Min.) PREPARATION AS SUMMARY OF STRUCTURAL CONTINUOUS AND PERIODIC SPECIAL . ULTIMATE DESIGN WIND SPEED, Vult = 101 mph (HOT DIP GALVANIZED) REQUIRED BY SOILS 2. RISK CATEGORY = III 3. WIND EXPOSURE = C . WELDING: ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D1.1. WELDS ARE ALL 4. APPLICABLE INTERNAL PRESSURE COEFFICIENT (GCpi)=0.55 AROUND WITH TYPE ER70S-6 WIRE MIG U.N.O. 1. RESPONSIBILITY: IT IS THE RESPONSIBILITY OF THE PROJECT INSPECTOR TO INFORM THE SPECIAL INSPECTOR OR INSPECTION AGENCY AT LEAST ONE WORKING DAY PRIOR TO PERFORMING ANY **CONCRETE WEDGE ANCHORS:** 5. ALL STEEL SHALL BE HOT DIP GALVANIZED TO CURRENT A.S.T.M. A-123. WORK THAT REQUIRES SPECIAL INSPECTION. **STANDARD TIES & STIRRUPS** STANDARD END HOOKS 1. ANCHOR DIAMETER REFERS TO THE THREAD SIZE FOR THE WEDGE ANCHOR. 6. ALL FIELD CONNECTIONS ARE NON-SLIP CRITICAL U.N.O. ALL CONNECTIONS ARE DESIGNED 2. SPECIAL INSPECTIONS: TO UTILIZE A307 BOLTS. IT IS ACCEPTABLE TO USE A325N BOLTS IN LIEU OF THE A307 BOLTS A) CONCRETE (CBC 1705A.3): DURING THE TAKING OF TEST SPECIMENS AND PLACING OF 1 1/2" 2 1/2" 2 1/4" 2. APPLY PROOF TEST LOADS TO WEDGE ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. IF WITHOUT NEEDING THE TESTS AND SPECIAL INSPECTIONS FOR HIGH STRENGTH BOLTS. THE REINFORCED CONCRETE. NOT, REMOVE NUT & INSTALL A THREADED COUPLER TO THE SAME TIGHTNESS OF THE ORIGINAL INSTALLATION OF THESE BOLTS ARE TO BE TIGHTENED A SNUG TIGHT CONDITION AS SPECIFIED #5 2 1/2" 3 3/4" 3 3/4" NUT USING A TORQUE WRENCH & APPLY LOAD. #6 4 1/2" 4 1/2" BY AISC. BOLT HOLES IN STANDARD CONNECTIONS SHALL BE STANDARD WITH 1/16" OVER 4 1/2" B) BOLTS INSTALLED IN CONCRETE (CBC 1705A.3): PRIOR TO AND DURING THE PLACEMENT OF #7 5 1/4" 5 1/4" 5 1/4" SIZING FROM BOLT DIAMETER AND 1/8" OVERSIZED FOR ANCHORAGE LOCATIONS. CONCRETE AROUND BOLTS. 3. REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, #9 9 1/2" 11 3/4" PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURE(S). 7. SWAYROD THREADS SHALL BE PINGED WITH A HAMMER TO ELIMINATE REMOVAL OF NUT, NOTE: All bar bend diameters and end lengths C) REINFORCING STEEL (CBC 1705A.3): DURING PLACING OF REINFORCING STEEL FOR ALL | #10 | 10 3/4" | 13 1/4" AFTER FINAL TIGHTENING. must conform to the CRSI CONCRETE SPECIFIED TO HAVE SPECIAL INSPECTION. 4. TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN Manual of Standard Practice. ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES. 8. ALL WELDING SHALL HAVE CONTINOUS INSPECTION BY AN AWS-CWI D) STRUCTURAL WELDING AND FABRICATION (CBC 1705A.2, 1705A.2.5 & 1704A.2.5): QUALIFIED INSPECTOR APPROVED BY DSA 5. THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS: 1. DURING ALL SHOP AND FIELD WELDING IN ACCORDANCE WITH AWS D1.1 DURING SHOP FABRICATION PER DSA 103 FORM. 2. WELDING INSPECTORS ARE TO BE AWS QC-1 CERTIFIED. THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE APPLICABLE TEST LOAD. FOR 3. INSPECTION SHALL BE PER AWS D1.1, D1.3 OR D1.4 AND INCLUDE WEDGE ANCHORS, A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE VERIFICATION THAT THE WPS IS BEING FOLLOWED. WASHER UNDER THE NUT BECOMES LOOSE. 4. ALL STEEL AND WELDING MATERIALS SHALL BE IDENTIFIED AS REQUIRED BY THEIR ASTM OR AWS STANDARD. TORQUE WRENCH METHOD: 5. ALL SUBMITTED TO THE OWNER BY THEIR WELDING INSPECTOR, NOT THE BLEACHER FABRICATOR. THE APPLICABLE TEST TORQUE MUST BE REACHED WITHIN THE FOLLOWING LIMITS: ONE-HALF (1/2) TURN OF THE NUT: E) CONCRETE ANCHORS: FOR ALL THREADED ROD AND REINFORCING STEEL ANCHORED WITH ONE-QUARTER (1/4) TURN OF THE NUT FOR EPOXY ADHESIVE IN CONCRETE; FOR ALL EXPANSION ANCHORS IN CONCRETE. INSPECTION / THE 3/8 IN. SLEEVE ANCHOR ONLY. testing shall be in conformance with the anchor manufacturer's evaluation REPORT AND SHALL INCLUDE AS A MINIMUM VERIFICATION OF HOLE DEPTH AND DIAMETER, 6. TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE SUBJECT ANCHORS. CLEAN OUT, ALL MATERIALS, INSTALLATION TORQUE AND PROOF LOAD TESTS. HILTI SS KB TZ2 ICC-ESR-4266 7. TESTING VALUES: F) YEARLY INSPECTION: AFTER THE INSTALLATION, THE OWNER SHALL CONDUCT ANNUAL HARD ROCK TEST VALUES CONCRETE INSPECTIONS AS REQUIRED BY ICC/ANSI 300, SECTION 102.2. THE OWNER WILL ALSO MAINTAIN ANCHOR | MINIMUM | TENSION | TORQUE COPIES OF ALL ANNUAL INSPECTIONS REPORTS AND MAKE THEM AVAILABLE ON SITE FOR DSA EMBEDMENT | TEST LOAD | (FT.-LBS.) REVIEW, UPON REQUEST. (NOMINAL) | (LBS.) 3" 2,990 2/14/23 | JGS/RSST DM 3 3/4" 4,433 #22377 5/8 4 1/2" 6,053
 3/4
 5 1/2"
 7,831
 125

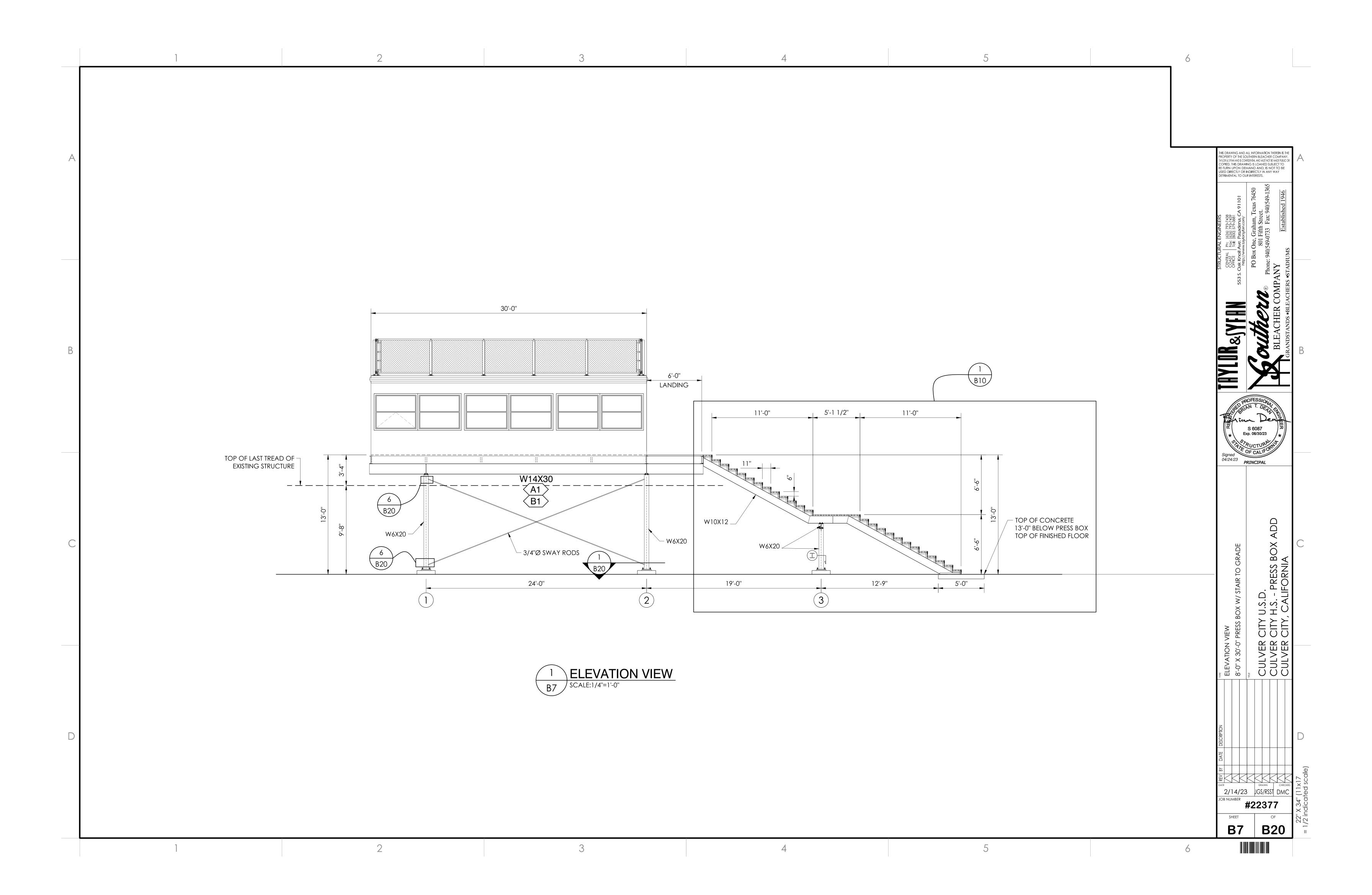
 1
 6-3/8"
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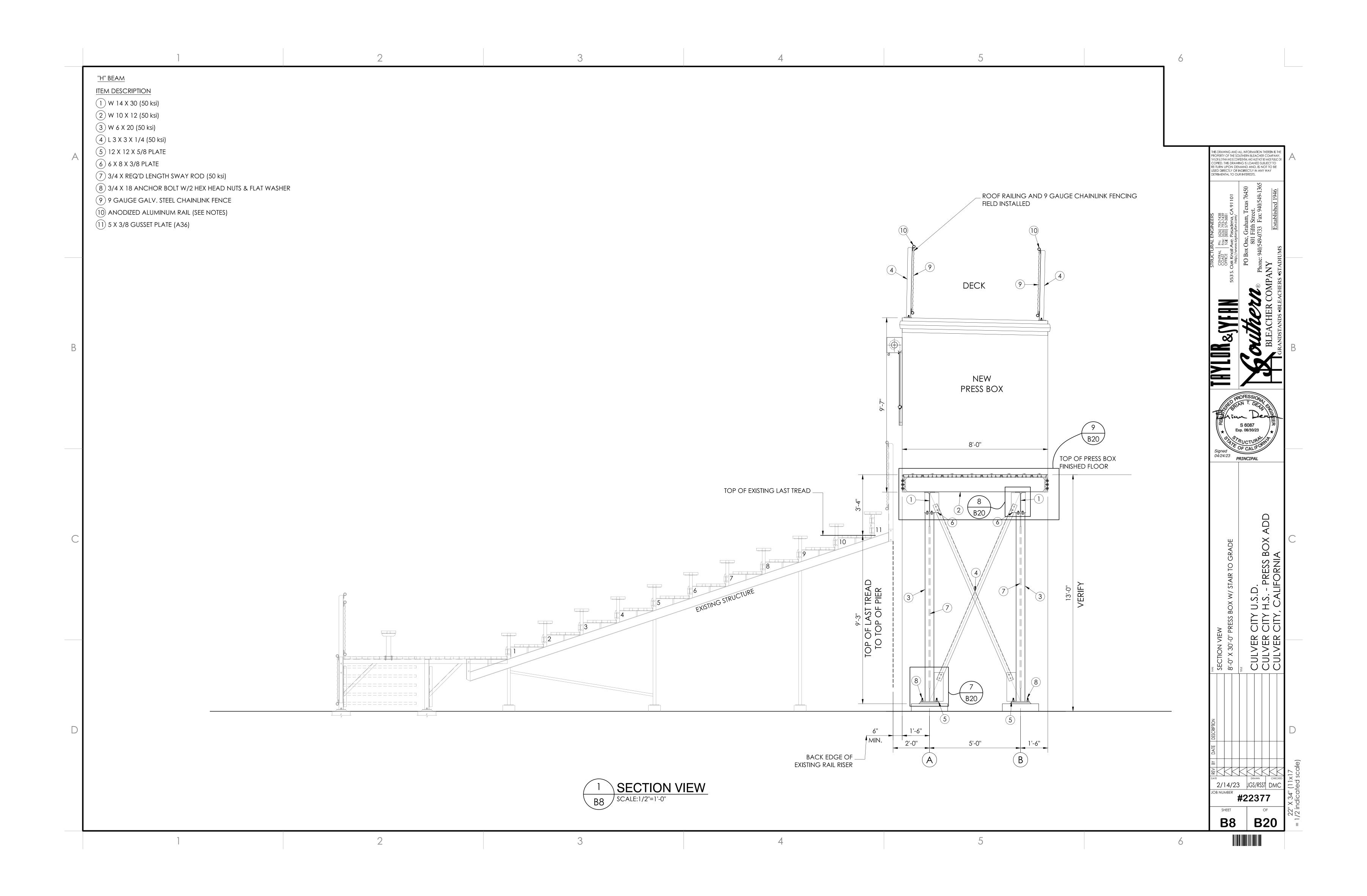


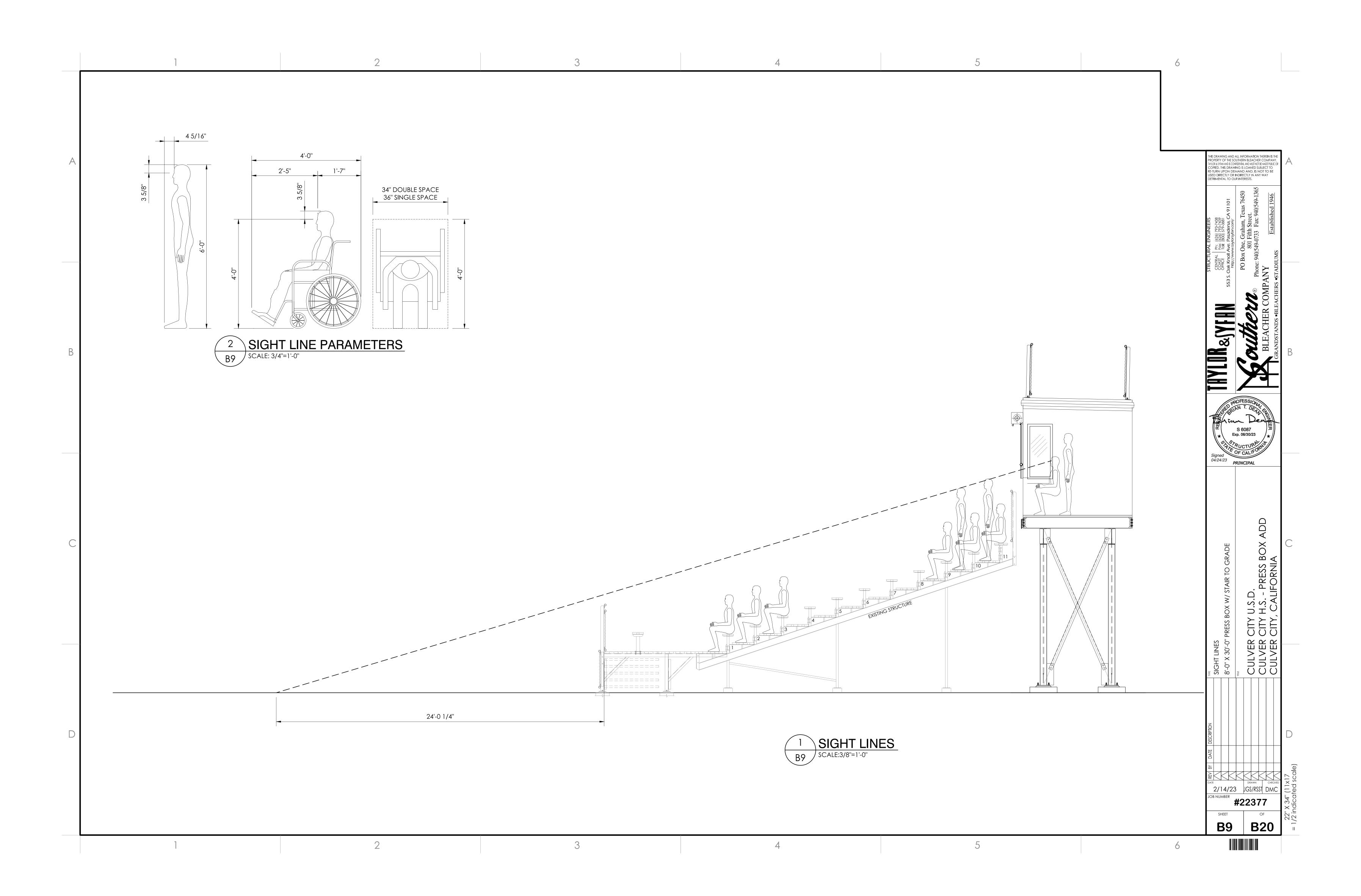


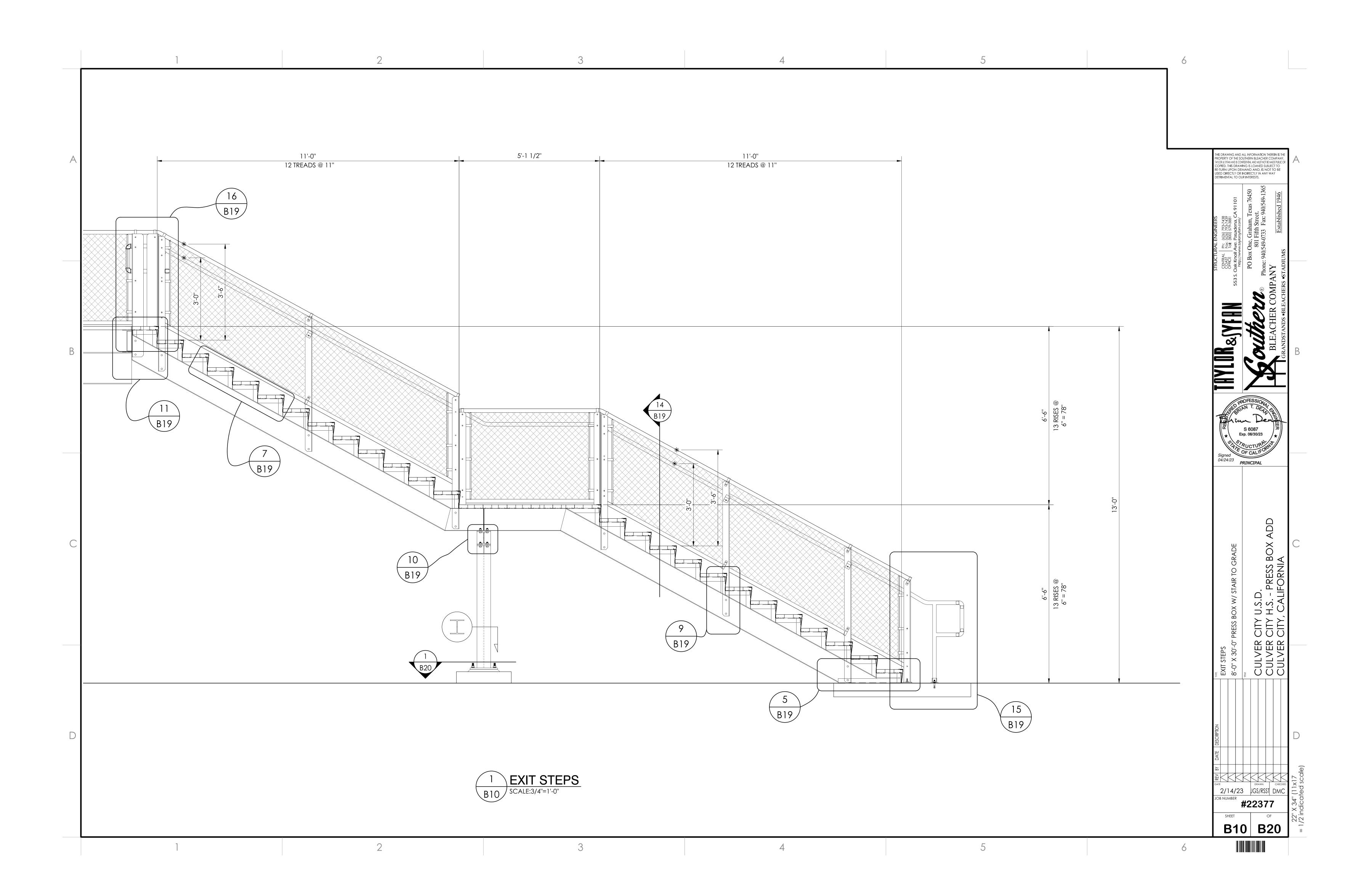


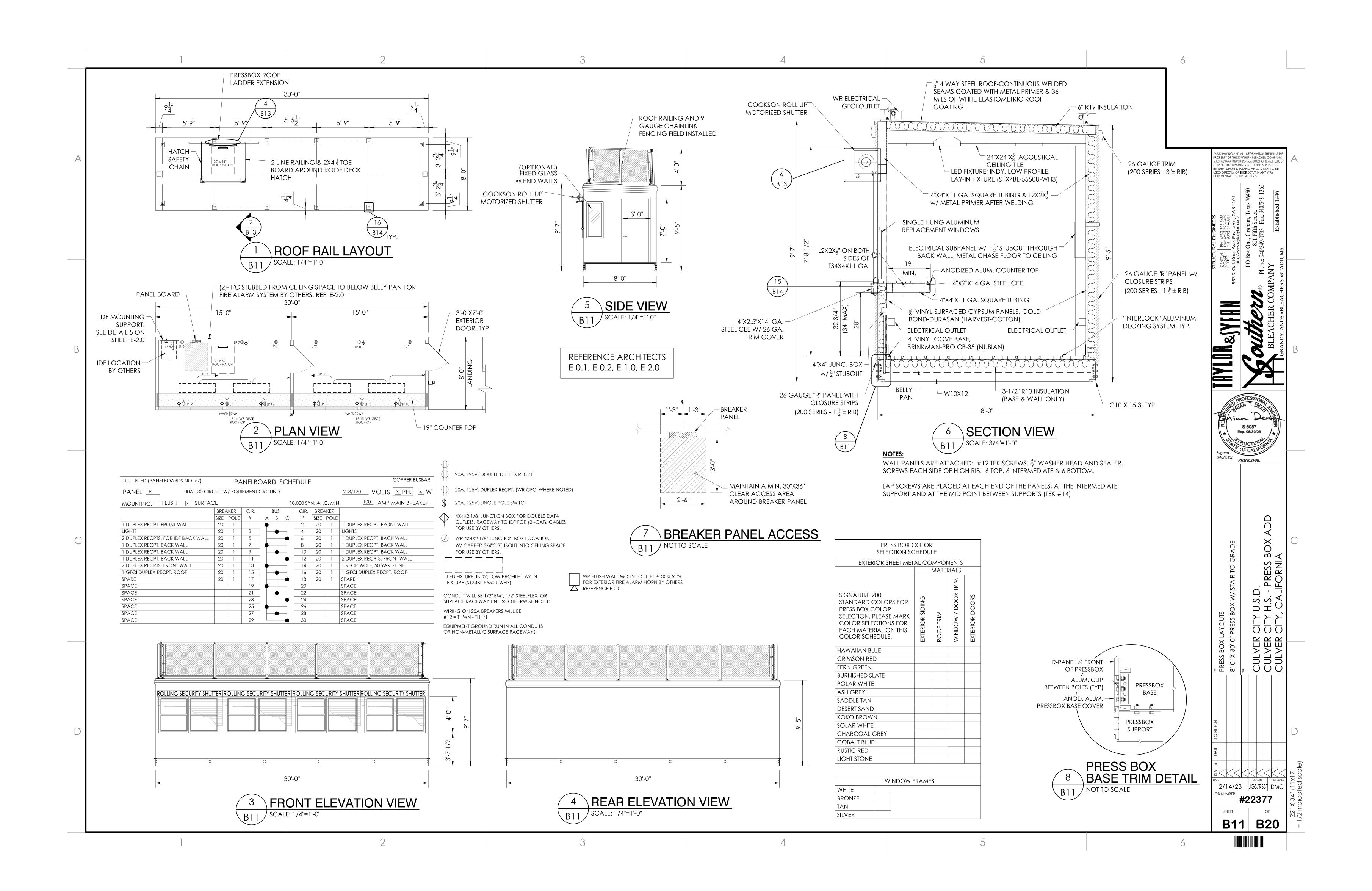


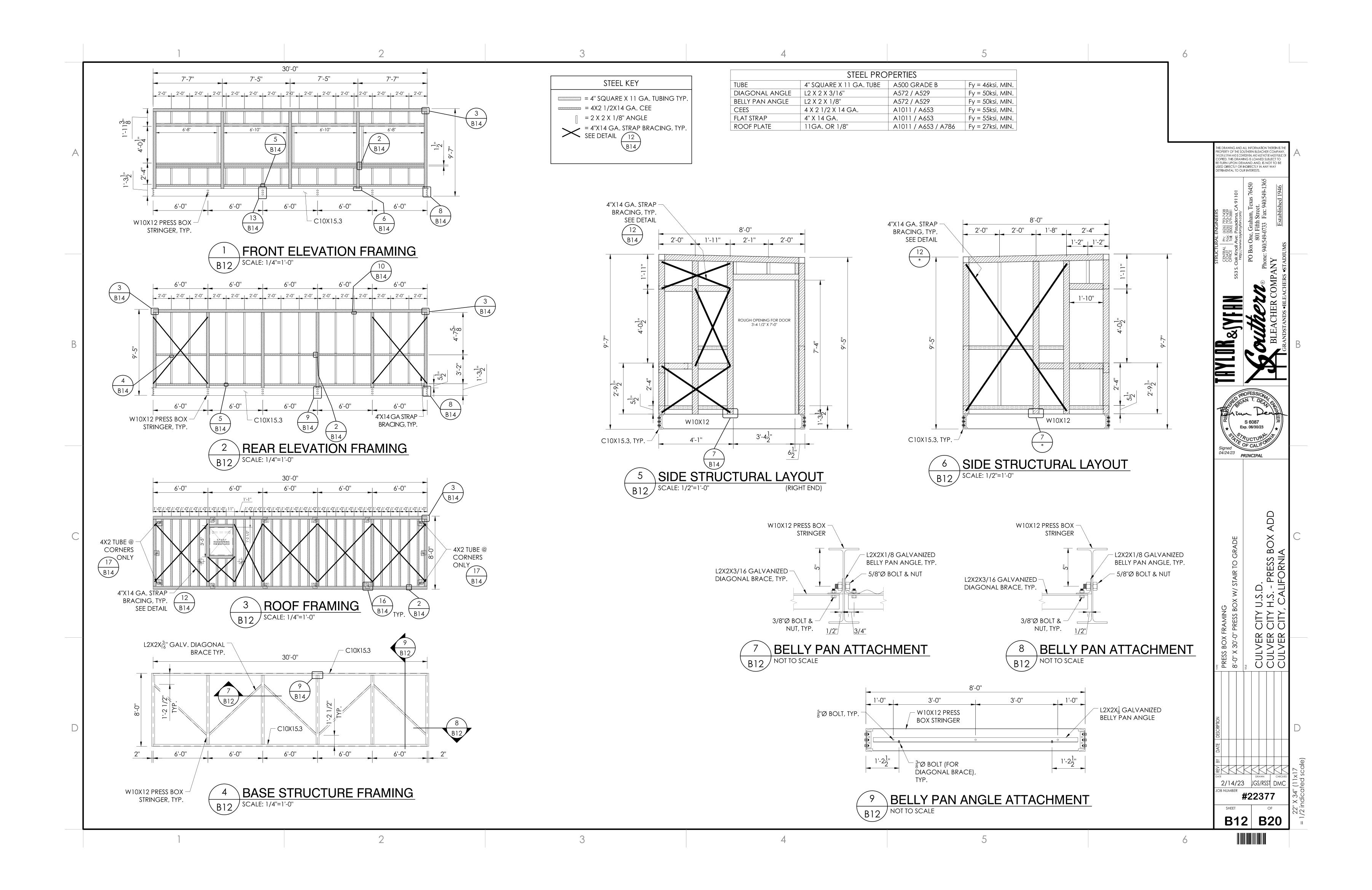


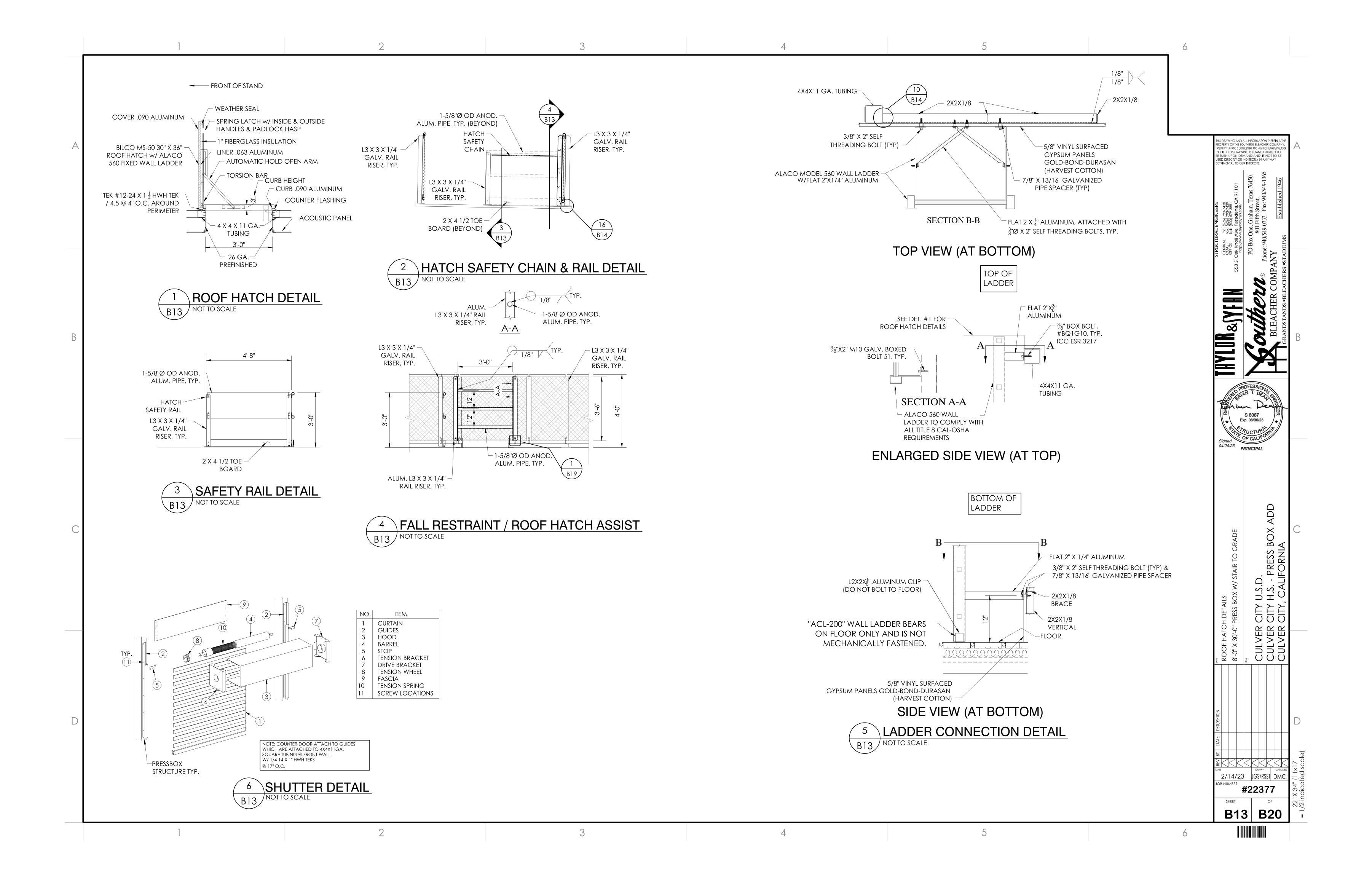


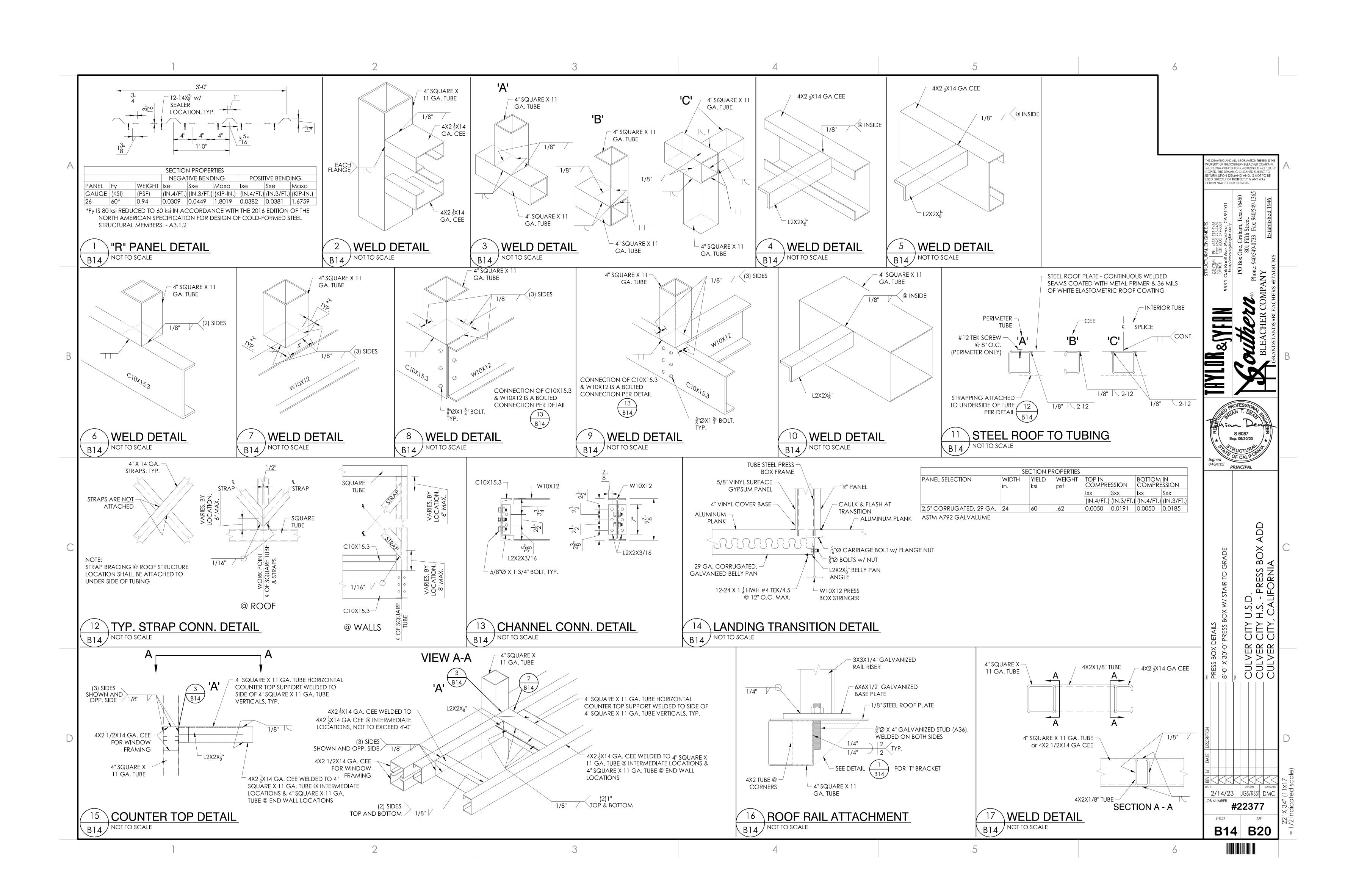


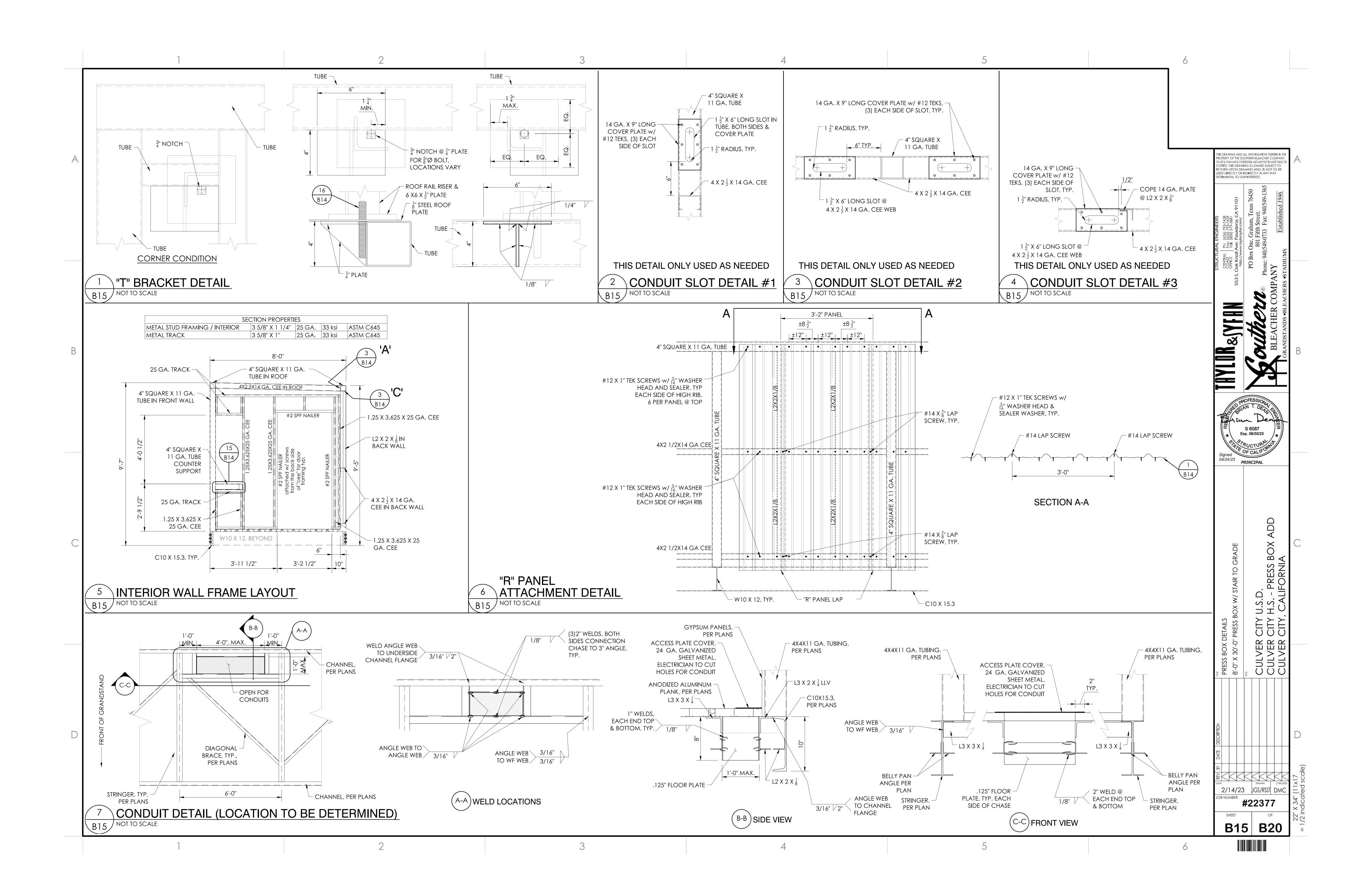






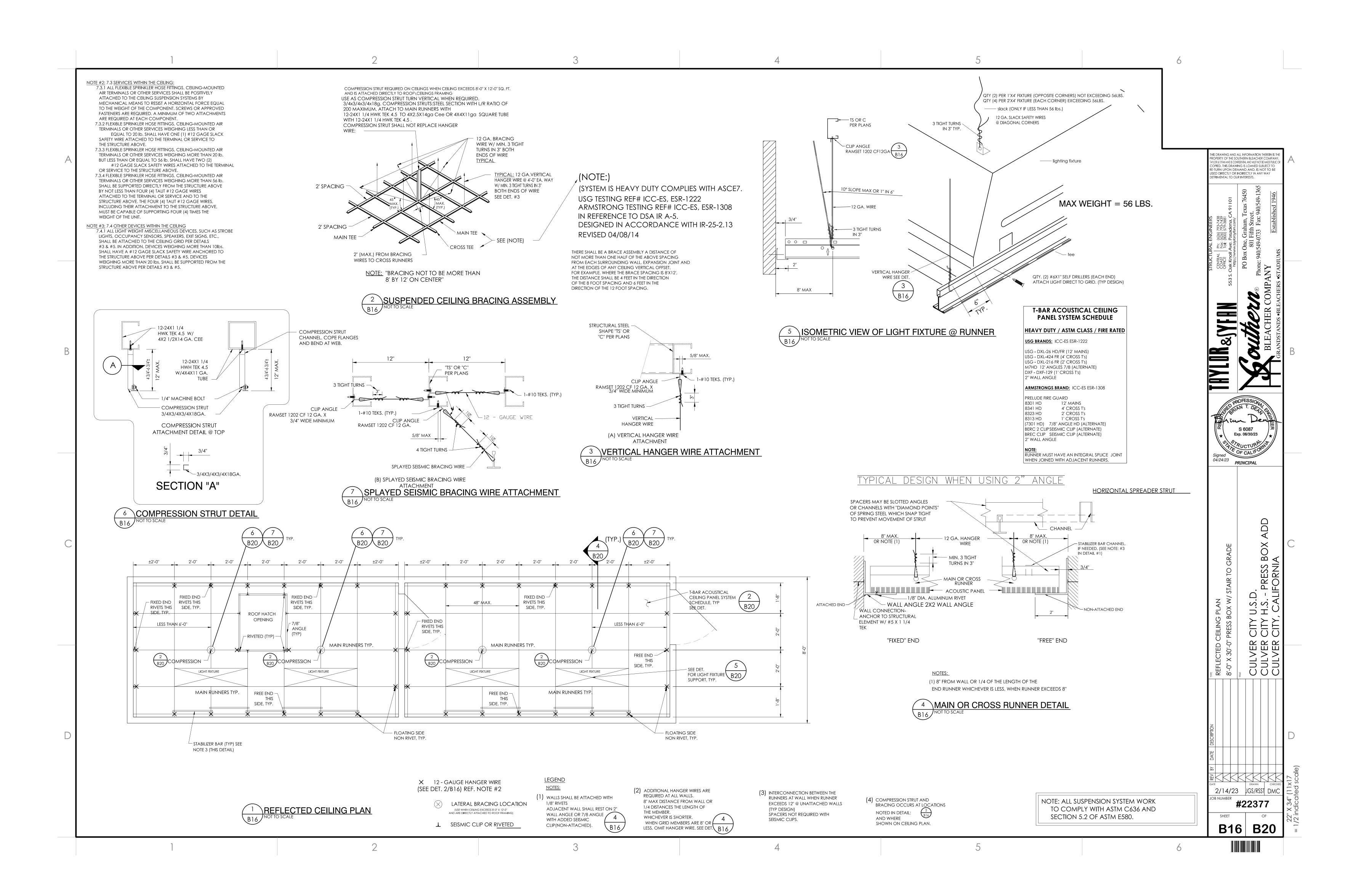






IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 03-122987 INC:

REVIEWED FOR
SS FLS ACS DATE: 06/20/2023



ı			3		4		
A.1 STEEL STRUCTURAL SYSTEM 4" X 4" X 1/8" (11 GA.) SQUARE TUBING	ENGINEERED PER: ASTM A500 GRADE 'B' 46ksi	A.4.6 COVER PLATES		A.5.4 INTERIOR DOORS			
2" X 2" X 1/8" ANGLE	ASTM A36/A36M GRADE 50	SWITCH COVER-LIGHT ALMOND #2132V	UL LISTED, EQUAL TO LEVITON, HUBBELL, P&S	3' X 6'-8" BIRCH DOOR UNIT INTERIOR W/ 5-1/2" JAMBS W/ TRIM - HOLLOW CORE			
WIDE FLANGE BEAM	ASTM A992 Fy=50ksi	PLUG COVER-LIGHT ALMOND #2134V BLANK METAL COVER-1 GANGLEV #84014	UL LISTED, EQUAL TO LEVITON, HUBBELL, P&S	LATEX CAULK, EQUAL TO ACE ACRYLINK LATEX CAULK, GENERAL PURPOSE	ASTM-C-834-95		
CHANNEL	ASTM A36/A36M GRADE 50	PLUG COVER-SURFACE, RACO #902 OR #8365N	UL LISTED, EQUAL TO LEVITON, HUBBELL, P&S	GALS EXT OIL BASE / RUST NOT METAL PAINT	NFPA CLASS II		
1/8" CHECKERED FLOOR PLATE	ASTM A786 A1011 Fy=27ksi	FLAT COVER PLATE-SURFACE, RACO #752 OR #8465	UL LISTED, EQUAL TO RACO, BOWERS, STEEL CITY UL LISTED, EQUAL TO RACO, BOWERS, STEEL CITY	PAINT INT. LATEX / WATER BASE	NON FLAMMABLE		
4" X 2" 14-GAUGE CEE	ASTM A1011 Fy=19.8ksi		APPROVED PER NEC	PASSAGE HARDWARE / COMMERCIAL / GRADE, LIGHT			
PLATE UP TO 1/2" THICK	ASTM A36	WEATHER TIGHT COVER-PLUGS-1GANG #2CCD	UL LISTED, EQUAL TO RED DOT	DUTY SCHLAGE, ELAN COMMERCIAL PASSAGE F10 ELA 626	ADA APPROVED ANSI GRADE 2		THE SOUND AND AN EVEN TO LATER THE
3-5/8" PUNCHED CEE STUD	25 GA ASTM C645-04 20 GA. CW - ASTM C645-04	A.4.7 LIGHTS					THIS DRAWING AND ALL INFORMATION THEREIN IS PROPERTY OF THE SOUTHERN BLEACHER COMPA TAYLOR & SYFAN AND IS CONFIDENTIAL AND MUST NOT BE MADE PUBL COPIED. THIS DRAWING IS LOANED SUBJECT TO
4" PUNCHED CEE STUD	20 GA. STRUCT ASTM C955-03 18 GA. STRUCT ASTM C955-03 25 GA ASTM C645-04	2'X4' EDGELIT LED PANEL (WHITE) RAB LIGHTING	UL LISTED & LABELED PER MANUFACTURER IESNA LM-79 AND LM-80 TESTED				RE-TURN UPON DEMAND AND, IS NOT TO BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO OUR INTERESTS.
3-5/8" UN-PUNCHED DEEP LEG TRACK 4" UN-PUNCHED DEEP LEG TRACK	20 GA. CW - ASTM C645-04 20 GA. STRUCT ASTM C955-04	EZPANFA2X4/D10 OR EQUAL DRIVER INFO:	D.O.E. "LIGHTING FACTS" LABEL DESIGN LIGHTS CONSORTIUM (DLC) LISTED.	A.5.5 COUNTER TOP			SS.
	18 GA. STRUCT ASTM C955-04	CONSTANT CURRENT, CLASS 2, 4 CHANNEL W/ 0-10V DIMMING. 120-277VAC	DLC PRODUCT CODE: P76QGDBU		EVIDUDED ALLIA MALIA A		76450
A.2 SIDING/ACCESSORIES 26-GA. (0.0181") MBCI PBR PANEL	(MFG. COLOR DESIGNATION) ASTM A792-03, A924-04, AZ50,	0.26A @ 120V. INPUT WATTS: 29.6W LED INFO:		TOWER ANODIZED ALUMINUM 2 -PIECE INTERLOCKING 1" THICK COUNTERTOP	EXTRUDED ALUMINUM		A 9110 Cexas 7. t.
20 O/L (0.0101) MIDGIT BICT/MILE	AZ55 NON-COMBUSTIBLE, CLASS A Fy=60ksi, Fu=61.5KSI	30W-4000K-81CRI-3451 LUMENS-3745 L-70 LIFESPAN: 75,000 HR	IES LM-80 AND TM-21				ERS 1438 1439 1439 1439 1439 1439 1439 1439 1439
#14 X 7/8" LAP SCREWS				A.6 HARDWARE			ENGINE (626) 773
SCREWS-METAL TO METAL #12 - 1" W/ 5/16" WASHER HEAD & WASHER	(MFG. COLOR DESIGNATION) ———	ASTRALITE EEU-3-RW 7 WATT LED COMBO EXIT/EMERGENCY LIGHT 120/277V.	DAMP LOCATION LISTED U.L. 924 ETL LISTED	A.6.1 EXTERIOR DOORS DOOR FRAME			JRAL EN Ph.: 66 Fox: 66 Fox: 66 Fox: 67
PANEL CLOSURES STRIPS	ASTM A792-03, A924-04, AZ50,	(2) FULLY ADJUSTABLE LIGHTING HEADS 90 MIN. BATTERY BACK-UP		CECO, SERIES SU WELDED STEEL FRAMES, 5'-3/4" X 3' X 7'-0" WITH WOOD	UL LISTED 10B, EQUAL TO CECO, STEEL DOOR FRAME ANSI A250.8		CTUR STAL STAL STAL STAL STAL SOX (
26-GA. FLAT	AZ55 NON-COMBUSTIBLE, CLASS A	PROFESSIONAL GRADE VINYL ELECTRICAL TAPE	UL LISTED 539H INSULATING TAPE	STUD ANCHORS, 16 GA., HEAVY DUTY, PRIMER PAINT COAT	-1998, ASTM A366, A620, A568 PRIMER PAINT COAT ANSI A250.10		STRU CENT OFFICE
SEALANT, DEGUSSA, SONOLASTIC NP1, ONE-COMPONENT	UL = TYPE II / CLASS I	SCOTCH 3M	FLAME RETARDANT	DOOR	UILLISTED JOD FOLIAL TO OFGO		53 S. C
ELASTOMERIC, GUN-GRADE POLYURETHANE SEALANT		A.4.8 WIRE & MISC.		CECO - HMD CP 18 A60 3068 F BW 1 3/4" (C1; LC1) POLYSTYRENE INSULATION PRIMER PAINT COAT	ul listed 10B, equal to Ceco, Steel door ansi a250.4 performance test, 18 and 16 gage: level a		MP Set
A.3 WINDOWS WINDOW, SINGLE SERIES 8200 SINGLE HUNG -	A A L LA / A DA A MO A 202 / 10 0	12 AWG-600V-THHN-THWN-COPPER/SOLID IDEAL INDUSTRIES IN SURE PUSH-IN CONNECTORS	UL LISTED, EQUAL TO GENERAL CABLE CORP. UL LISTED, CSA CERTIFIED, 105°C 600V. RATED	R-11.1 AS CALCULATED	(1,000,000 CYCLES) PRIMER PAINT COAT ANSI A250.10		
U FACTOR .420 THERMALLY BROKEN ALUMINUM BY DON YOUNG COMPANY	AAMA / NWWDA 101 / I.S.2. RATED H-C30 54X90 SGCC #2328, LAB ID #550	MOD. 32/33/34	(1000V. IN SIGNS & LIGHT FIXTURES)	ANCHORS			
TEMPERED GLASS BY CARDINAL IG, UNLIMITED IN SIZE	3000 m 2020, LAD ID #330	IDEAL INDUSTRIES B-CAP WIRE NUTS OR EQUAL	UL LISTED, CSA CERTIFIED, 105°C 600V. RATED	WOOD & METAL STUD ANCHORS/ TYPE WS PER DOOR MANUFACTURER	UL LISTED, EQUAL TO CECO		
A.4 ELECTRICAL SPECIAL NOTE: ALL ELECTRICAL COM A.4.1 BREAKER PANEL	MPONENTS SHALL BE APPROVED PER NEC AND UL /CSA LISTED.	REDUCING WASHERS	UL LISTED, EQUAL TO RACO, BOWERS, STEEL CITY	HINGES	III LISTED FOULAL TO DOD		& SEAC
_LUG_AMP PANEL W/ MAIN	UL LISTED EQUAL TO HOMELINE, GE,	3/4" STRAPS FOR EMT-RACO #2083 OR #MED45	UL LISTED, EQUAL TO RACO, BOWERS, STEEL CITY	PBB INC., FULL MORTISE TEMPLATE HINGES 4-1/2"X4" GA. 0.134 +\005 PB81	UL LISTED EQUAL TO PBB ANSI TEMPLATE ANSI A8133		
DISCONNECT	WESTINGHOUSE LOAD CENTERS BEARING A UL LABEL SIZED PER DRAWINGS	THE IO			ANSI A0133		
FLUSH MOUNT BREAKER COVER	UL LISTED EQUAL TO HOMELINE, GE, WESTINGHOUSE LOAD CENTERS BEARING	STRAPS FOR FLEX	UL LISTED, EQUAL TO RACO, BOWERS, STEEL CITY	THRESHOLD PEMKO-171 A36, MILL FINISH ALUMINUM 5"X1/2"	UL LISTED EQUAL TO HAGER ADA APPROVED		
	A UL LABEL SIZED PER DRAWINGS	CONDUIT BUSHINGS J-BOX PLUGS SNAP IN SEALS	UL LISTED EQUAL TO GB ELECTRICAL	DOOR SWEEP-WEATHERSTRIP			
20 AMP SINGLE POLE BREAKERS	UL LISTED EQUAL TO HOMELINE, GE, WESTINGHOUSE LOAD CENTERS BEARING	IDS CADDY FASTENERS W/ BOLTS & NUTS	UL LISTED EQUAL TO ERICO, IDS	NATIONAL GUARD 101VA			OFFEC
DOUBLE POLE BREAKERS	A UL LABEL SIZED PER DRAWINGS UL LISTED EQUAL TO HOMELINE, GE,	BAR HANGER SUPPORTS	UL LISTED EQUAL TO ERICO	DOOR CLOSURE NORTON CLP-8501	ANSI/BHMA A1564.4 GRADE 1	- USFD	PROFESSIONAL DESIGNATION
DOUBLE FOLL BREAKERS	WESTINGHOUSE LOAD CENTERS BEARING A UL LABEL SIZED PER DRAWINGS	A.4.9 WIREMOLD				NOT USED	Brian Dens
A.4.2 J-BOXES		#2300BC-BASE-COVER-8' LENGTH	UL LISTED RACEWAY, E90378, RJTX,UL5	1/4" FOAM WEATHER STRIPPING			S 6087 Exp. 06/30/23
4" X 4" X 2-1/8" - 1/2 & 3/4 KO-RACO #235 OR	UL LISTED, EQUAL TO RACO,	#2300WC-WIRE CLIP	UL94V-0, E90377, RJYT, NEC 352B UL LISTED RACEWAY, E90378, RJTX,UL5	EXIT DEVICE, YALE 2100	ANSI/BHMA A156.3 GRADE 1		I \\^ \
#4SDVB-SPL-PL W/FLANGE 4" X 4" X 1-1/2" - 1/2 & 3/4 KO-RACO #196 OR	BOWERS, STEEL CITY UL LISTED, EQUAL TO RACO,	#2306-COVER CLIP	UL94V-0, E90377, RJYT, NEC 352B UL LISTED RACEWAY, E90378, RJTX,UL5 UL94V-0, E90377, RJYT, NEC 352B	YALE TRIM, YALE 546F 626	ANSI/BHMA A156.3 GRADE 1		Signed OF CALIFORNIA
#4SDVB-SPL-PL W/FLANGE 4" X 4" X 1-1/2" METAL BOXES W/ 1/2", 3/4" KO, RACO #192 OR #4S-SPL-DR	BOWERS, STEEL CITY UL LISTED, EQUAL TO RACO,	#2310A-ENTRANCE END FITTING	UL LISTED RACEWAY, E90378, RJTX,UL5 UL94V-0, E90377, RJYT, NEC 352B				04/24/23 PRINCIPAL
4" X 4" X 2-1/8" METAL BOXES RACO #232 OR #4SD-SPL	BOWERS, STEEL CITY UL LISTED, EQUAL TO RACO,	#2310B-BLANK END FITTING	UL LISTED RACEWAY, E90378, RJTX,UL5 UL94V-0, E90377, RJYT, NEC 352B	A.7 ROOFING			
PLASTER RINGS, 1 GANG, RACO #768 OR #8468C	BOWERS, STEEL CITY	#2311-90* FLAT ELBOW #2315-TEE	UL LISTED RACEWAY, E90378, RJTX,UL5 UL94V-0, E90377, RJYT, NEC 352B	ADHESIVE			
PLASTER RINGS, 2 GANG, RACO #769 OR #8470A	UL LISTED, EQUAL TO RACO, BOWERS, STEEL CITY	#2317-INTERNAL ELBOW	UL LISTED RACEWAY, E90378, RJTX,UL5 UL94V-0, E90377, RJYT, NEC 352B	MULE-HIDE, ACRYLIC WATER BASE BONDING	NON-FLAMMABLE, NON-TOXIC UL LISTED AS EXTERNAL FIRE EXPOSURE ONLY		
WEATHER TIGHT, 1 GANG BOX #21H4-2	UL LISTED, EQUAL TO RACO, BOWERS, STEEL CITY UL LISTED, EQUAL TO RACO,	#2318-EXTERNAL ELBOW	UL LISTED RACEWAY, E90378, RJTX,UL5 UL94V-0, E90377, RJYT, NEC 352B UL LISTED RACEWAY, E90378, RJTX,UL5	ADHESIVE MULE-HIDE, BLACK SEAM ADHESIVE	AS EXTERNAL FIRE EXPOSURE ONLY		
EXTENSION RINGS, RACO #187 OR #4SSBESPL	BOWERS, STEEL CITY UL LISTED, EQUAL TO RACO,	#2347-DEVICE BOX-1 GANG	UL94V-0, E90377, RJYT, NEC 352B UL LISTED RACEWAY, E90378, RJTX,UL5	ROOF HATCH (OPTIONAL) 14 GA. GALV. STEEL, INSULATED, NON-COMBUSTIBLE	COVER: 40 psf MIN. LIVE LOAD OR		
	BOWERS, STEEL CITY	32347-2-DEVICE BOX-2 GANG	UL94V-0, E90377, RJYT, NEC 352B UL LISTED RACEWAY, E90378, RJTX,UL5	30" X 36" TYPE 'S' BILCO (LADDER) 30" X 54" TYPE 'NB' BILCO (SHIP STAIR)	20 psf WIND UPLOAD		
A.4.3 CONDUIT		A 4 10 MICOFILI ANIFOLIS	UL94V-0, E90377, RJYT, NEC 352B	ROOF COATING			ADE OX
EMT CONDUIT	UL LISTED, EQUAL TO RACO, ALLIED, BOWERS APPROVED PER NEC	A.4.10 MISCELLANEOUS 3/4" X 4" GALVANIZED NIPPLE		ACRYLINK G ACRYLIC ROOF COATING BY ISOPRIME ACRYLIC ROOF COATINGS, INC. ACRYCAULK	UL 790, CLASS A, ASTM E108 ASTM D 6083		
FLEXIBLE METAL CONDUIT (FMC)	UL LISTED, EQUAL TO RACO, ALLIED, BOWERS APPROVED PER NEC	GALVANIZED FLOOR FLANGE 3/4"	ASTM C665, CLASS I UL FHC 25/50	ACKICAULK	UL 790, CLASS A		ESS ESS
A.4.4 CONNECTORS		A.5 INTERIOR FINISHES		A S INSUI ATION			PR AR
S.S. EMT CONNECTOR	UL LISTED, EQUAL TO RACO, BOWERS, STEEL CITY, NEER, APPROVED PER NEC	A.5.1 CEILING CERTAINTEED HHF-154 BIOSHIELD 2'X2'X5/8"	III LICTED OLACCAELANE 15 (2) 2005 5	A.8 INSULATION POLY ENCAPSULATED FIBERGLASS INSULATION -	ATSM C665, TYPE II, CLASS A, CAT. 1 OR 2		SPEC
3/4" S.S. EMT CONNECTOR TC-502	UL LISTED, EQUAL TO RACO, BOWERS, STEEL CITY, NEER, APPROVED PER NEC	CERTAINTEED HHF-154 BIOSHIELD 2'X2'X5/8" CEILING TILE	UL LISTED CLASS I FLAME 15/SMOKE 5	JOHNS MANVILLE - JM COMFORTTHERM INSULATION R-VALUE PER PLAN	AISM C665, TYPE II, CLASS A, CAT. T OR 2 IBC, ALL TYPES ATSM E84 FLAME SPREAD <25		RIAL S OX w U.S.
1/2" S.S. EMT CONNECTOR TC-501	UL LISTED, EQUAL TO RACO, BOWERS,	WALL ANGLE - GALV. WA15-15 12'	FIREGUARD, CLASS I		ATSM E84 SMOKE DEVELOPMENT <50		
1/2" FLEX CONNECTOR SC50	STEEL CITY, NEER, APPROVED PER NEC	MAIN TEE - C\$12-12-15 MR X 12'	FIREGUARD, CLASS I	ARMORFLECT WHITE CONTINUOUS WRAP	ATSM C518, ASTM E84, ASTM E96, ASTM C1104		PRES PRES
1/2 I LEA COMMECION SCOU	UL LISTED, EQUAL TO RACO, BOWERS, STEEL CITY, NEER, APPROVED PER NEC	CROSS TEE - CS2-12-12 CT X 2' RIVETS	FIREGUARD, CLASS I	INSULATION: R-8.7 CONT. 1/4" FIBERGLASS CORE BONDED TO REINFORCED SCRIM FACING	FLAME SPREAD <25, SMOKE DEVELOPED <50		
3/4" FLEX CONNECTOR SC75	UL LISTED, EQUAL TO RACO, BOWERS, STEEL CITY, NEER, APPROVED PER NEC	12-GA. WIRE (GALVANIZED)			VAPOR RETARDER (PERMS) <0.5 WATER VAPOR SORPTION LESS THAN 5%		М — — — — — — — — — — — — — — — — — — —
1/2" FLEX COUPLING, RACO #2272	UL LISTED, EQUAL TO RACO, BOWERS,	14-GA. HANGER CLIPS	ul listed equal to ramset 1202 Cf				
1/2" FLEX COUPLING, RACO #2273	STEEL CITY, NEER, APPROVED PER NEC	A 5 0 M N/L D 17501 0 0					
1/2 ILEN COULLING, NACO #22/3	UL LISTED, EQUAL TO RACO, BOWERS, STEEL CITY, NEER, APPROVED PER NEC	A.5.2 VINYL INTERIOR WALLBOARDS - DURASAN VINYL COVERD GYPSUM	VINYL - UL LISTED CLASS I, ASTM E84-04,				
$1/2$ " FLEX TO $\frac{1}{2}$ " EMT COUPLING NEE EFC-75	UL LISTED, EQUAL TO RACO, BOWERS, STEEL CITY, NEER, APPROVED PER NEC	SHEETROCK, COLOR: SANTA FE-PORCELAIN 5/8" THICK, 4' X 8'	C960-04, C1396-02, FLAME 25 / SMOKE 50 OR LESS				
1/2" EMT COUPLINGS	UL LISTED, EQUAL TO RACO, BOWERS,	OUTSIDE CORNER - 10' OUTSIDE CORNER, DURASAN, 2-PART SNAP ON, INTERIOR-	CLASS A ASTM E84-04, FLAME 25 / SMOKE 50 OR LESS				
1/2" EMT OFF-SET CONNECTORS,	STEEL CITY, NEER, APPROVED PER NEC	GALVANIZED STEEL, VINYL EXTERIOR, SANTA FE-PORCELAIN					
NEE #TN-50	UL LISTED, EQUAL TO RACO, BOWERS, STEEL CITY, NEER, APPROVED PER NEC	INSIDE CORNER - 10' INSIDE CORNER,	CLASS A ASTM E84-04, FLAME 25 / SMOKE 50 OR LESS			~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	SCRIPT
A.4.5 RECEPTACLES - SWITCHES DUPLEX RCPT-LIGHT ALMOND 20A, 120V	UL LISTED, APPROVED PER NEC	DURASAN, 1 PIECE, INTERIOR- GALVANIZED STEEL, VINYL EXTERIOR,		NOTES:		DOYLES CONSTRUCTION & MFG.	
P&S 26352-LA 20A 5-20R		SANTA FE-PORCELAIN	CLASS I FLAME 25 / SMOKE 50 OR	STANDARDS LISTED ARE REFERENCE TO THE N		624 Sixth Street P.O. Box 451	DATE
DUPLEX RCPT-LIGHT ALMOND-WR-GFCI, 20A, 120V P&S 2097TRWRLA GFCI	UL LISTED, APPROVED PER NEC	8' BATT STRIPS-DURASAN, 2-PART SNAP ON, INTERIOR-GALVANIZED STEEL, VINYL EXTERIOR,	LLJJ	PRODUCT REFERENCE STANDARD <u>OR</u> IBC RE	LI LIVLIACE STAINDAKD INUIVIDEK.		
SINGLE POLE DECORATOR SWITCH LIGHT ALMOND P&S #TM870LA, 15A, 120V OR EQUAL	UL LISTED, APPROVED PER NEC	SANTA FE-PORCELAIN	ASTM C557			Graham, Texas 76450 Phone: (940) 549-5517	DATE DRAWN CHE
3-WAY DECORATOR SWITCH LIGHT ALMOND	UL LISTED, APPROVED PER NEC	ADHESIVE, DAP - DRYWALL				Fax: (940) 549-9438	2/14/23 JGS/RSST DN
P&S #TM873LA, 15A, 120V OR EQUAL				APPENDIX "A	" - MATERIAL SPECS		#22377
OCCUPANCY SENSOR DECORATOR SWITCH - 15A, 120V, W/ MANUAL ON/OFF	UL LISTED, APPROVED PER NEC	A.5.3 FLOORING & BASE VINYL BASE-COLOR: PRO CB-35 MED. GRAY		B17 NOT TO SCALE			SHEET OF
SINGLE POLE LIGHT ALMOND - P&S RWU600BICC4 3-WAY LIGHT ALMOND - P&S RW3U600I OR EQUAL		VINYL BASE ADHESIVE, DURABOND D-731					B17 B20
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