

SCUSD Bret Harte ES

Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement
2751 9th Avenue
Sacramento, CA 95818
Sacramento Unified School District

DSA File No. 34-53
App. No. 02-120968
PTN. 67439-430

DSA REQUIREMENTS

- ALL WORK SHALL CONFORM TO THE 2022 EDITION OF THE TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
- AS A FACILITY WHICH COMES UNDER THE APPROVAL AND AUTHORITY OF THE DIVISION OF THE STATE ARCHITECT (DSA), THIS PROJECT IS SUBJECT TO DRAWING AND JOB SITE REVIEW BY A REPRESENTATIVE OF DSA.
- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS AFFECTING FLS, SSS, AND/OR ACS SHALL BE MADE BY ADDENDA OR A CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR AND DSA IR A-6.
- A DSA CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
- A COPY OF PART 1 TO PART 5 OF TITLE 24 SHALL BE KEPT AND BE AVAILABLE IN THE FIELD DURING CONSTRUCTION.
- DSA SHALL BE NOTIFIED OF THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, PART 1, TITLE 24, CCR THE DIVISION OF THE STATE ARCHITECT IS EXEMPT FROM ARBITRATION OR MEDIATION PROCEDURES.
- SUPERVISION BY THE DIVISION OF THE STATE ARCHITECT IS PER SECTION 4-334, PART 1, TITLE 24, CCR.
- ADMINISTRATION OF CONSTRUCTION PER PART 1, TITLE 24, CCR.
- VERIFIED REPORTS PER SECT 4-336, PART 1, TITLE 24 CCR.
- DUTIES OF ARCHITECT PER SECT 4-331, 4-341, PART 1, TITLE 24 CCR.
- DUTIES OF CONTRACTOR PER SECT 4-343, PART 1, TITLE 24 CCR.
- TESTING AND INSPECTION
 - INSPECTOR APPROVED BY DSA AS PER SECT. 4-333(D); PART 1, TITLE 24, CCR.
 - TESTS AND TESTING LABORATORIES PER SECT 4-335
 - SPECIAL INSPECTION PER SECT. 4-333(C)
- CHANGES IN LEVEL FOR FLOOR FINISHES SHALL CONFORM WITH CBC SECTION 1120B.2 AND 1120B.3.
- ALL TESTS TO CONFORM TO REQUIREMENTS OF SECTION 4-335, PART 1, TITLE 24, CCR.
- TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335, PART 1, TITLE 24, CCR AND THE DISTRICT SHALL EMPLOY AND PAY THE DSA ACCEPTED LABORATORY. COSTS OF RE-TEST MAY BE BACK CHARGED TO THE CONTRACTOR.
- INSPECTOR SHALL BE APPROVED BY DSA. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333(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 DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR)
- INSPECTOR OF RECORD REQUIREMENTS:
 - A. ONE OR MORE INSPECTORS EMPLOYED BY THE OWNER IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS WILL BE ASSIGNED TO THE WORK. THE INSPECTOR'S DUTIES ARE SPECIFICALLY DEFINED IN SECTION 4-342 OF SAID TITLE 24, PART 1 AND IN ADDITION, SHALL BE STIPULATED IN INTERPRETATION OF REGULATION DOCUMENT IR A-8.
 - B. INSPECTOR SHALL BE CERTIFIED AS A CLASS 3 INSPECTOR THROUGH THE DIVISION OF THE STATE ARCHITECT INSPECTOR EXAMINATION PROGRAM. INSPECTOR SHALL ALSO BE SPECIFICALLY APPROVED BY THE DIVISION OF THE STATE ARCHITECT FOR THIS PROJECT AT LEAST 10 DAYS PRIOR TO THE START OF ANY WORK FOR THIS PROJECT.

DEFERRED APPROVALS

NONE

WORK EXEMPT PER DSA 103-22

- SOILS:
- SHALLOW FOUNDATIONS
- CONCRETE/MASONRY:
- POST INSTALLED ANCHORS
 - CONCRETE BATCH PLANT INSPECTION
 - NON-BEARING NON-SHEAR MASONRY WALLS
 - EPOXY SHEAR DOWELS
- WELDING:
- SOLID-CLAD AND OPEN MESH FENCES, GATES

CODES AND REGULATIONS

- APPLICABLE STATE CODES AND REGULATIONS WITH LATEST AMENDMENTS AND SUPPLEMENTS:
- 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 CCR
 - 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (2018 IBC & CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (2017 NATIONAL ELECTRICAL CODE & CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (2018 UNIFORM MECHANICAL CODE & CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2018 UNIFORM PLUMBING CODE & CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 CCR
 - 2022 CALIFORNIA HISTORICAL BUILDING CODE, PART 8, TITLE 24 CCR
 - 2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 CCR (2018 INTERNATIONAL FIRE CODE & CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR (2018 INTERNATIONAL EXISTING BUILDING CODE & CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE PART 11, TITLE 24 CCR
 - 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 CCR
 - 2022 IBC, CH. 4, SUB-CH. 6 - ELEVATOR SAFETY ORDERS
 - TITLE 19 CCR, PUBLIC SAFETY - SFM REGULATIONS
- APPLICABLE FEDERAL CODES AND STANDARDS:
- AMERICANS WITH DISABILITIES ACT (ADA), TITLE 11
 - UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS) OR ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36)
- APPLICABLE REFERENCED STANDARDS:
- NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED), 2022 EDITION
 - NFPA 24, PRIVATE FIRE MAINS (CA AMENDED), 2022 EDITION
 - NFPA 72, NATIONAL FIRE ALARM CODE (CA AMENDED), 2022 EDITION
 - NFPA 80, FIRE DOOR AND OTHER OPENING PROTECTIVES, 2019 EDITION
 - NFPA 2001, CLEAN AGENT FIRE EXTINGUISHING SYSTEMS, 2018 EDITION
- REFERENCE CODE SECTION FOR NFPA STANDARDS - 2022 CFC (SFM) CHAPTER 80. SEE CHAPTER 80 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS.

PROJECT DESCRIPTION

APN: 013-0273-001
THE PROJECT INCLUDES REGRADING AND REPLACEMENT OF HARDCOURT SURFACES, PARKING LOT UPGRADE AND PLAY STRUCTURE REPLACEMENT.

ADD ALTERNATES

- SHADE STRUCTURE - POLIGON - PC# 02-119075

STATEMENT OF GENERAL CONFORMANCE

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

Application No. 02-120968
File No. 34-53

[X] The drawings or sheets listed on the cover or index sheet (all C drawings)

[] This drawing, page of specifications/calculations

have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:

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

I find that:
[X] All drawings or sheets listed on the cover or index sheet
[] This drawing or page

[X] is/are in general conformance with the project design and
[X] has/have been coordinated with the project plans and specifications

Brian P. Whitmore 01.31.2023
Signature Date

Architect or Engineer designated to be in general responsible charge.

Brian P. Whitmore
Print Name

C. 30345 09-30-2023
License Number Expiration Date

STATEMENT OF GENERAL CONFORMANCE AND SIGNATURE BLOCK PER IR A-18

DRAWING INDEX

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C0.2	TOPOGRAPHY SURVEY
C0.3	UTILITY SURVEY
C1.1	DEMOLITION PLAN
C1.2	UTILITY DEMOLITION PLAN
C1.3	ENGINEERED FILL PLAN
C2.1	GRADING PLAN
C2.2	GRADING PLAN
C2.3	GRADING PLAN
C3.1	UTILITY PLAN
C4.1	PAVING PLAN
C5.1	STRIPING PLAN
C6.1	EROSION CONTROL PLAN
C7.1	DETAILS AND SECTIONS
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C7.3	DETAILS AND SECTIONS
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P5	PLAYGROUND ENLARGEMENTS
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A7.1	TOILET ROOM PLANS AND ELEVATIONS
A10.10.2	SPECIALTIES
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P0.1	PLUMBING SCHEDULES, LEGENDS AND NOTES
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SHADE STRUCTURE	
RAM.0	ORDER FORM
RAM.1	NOTES AND SPECIAL INSPECTIONS
RAM.2	FOUNDATION PLAN SPREAD PAD - RAM 30
RAM.3	FRAMING PLAN - RAM 30
RAM.4	FRAME CONNECTION DETAILS - RAM 30
RAM.5	SECTION DETAILS - RAM30
RAM.6	ARCHITECTURAL VIEWS - RAM 30
RAM.7	ROOF CONNECTION DETAILS
RAM.8	MISC. DESIGN OPTIONS
RAM.9	ELECTRICAL OUTLETS
TOTAL SHEET COUNT: 41	

PROJECT DIRECTORY

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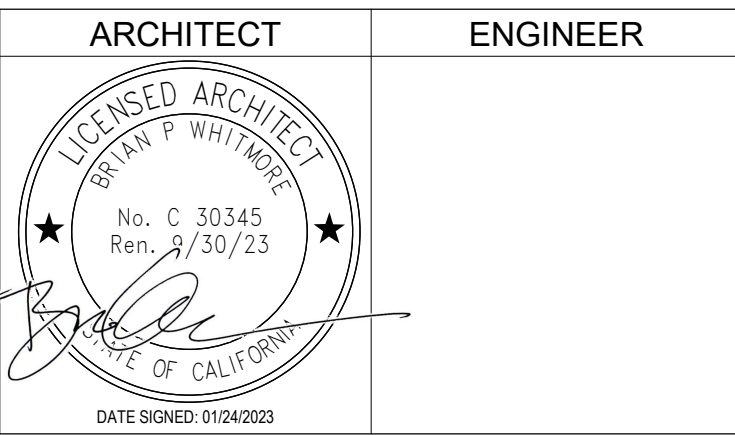
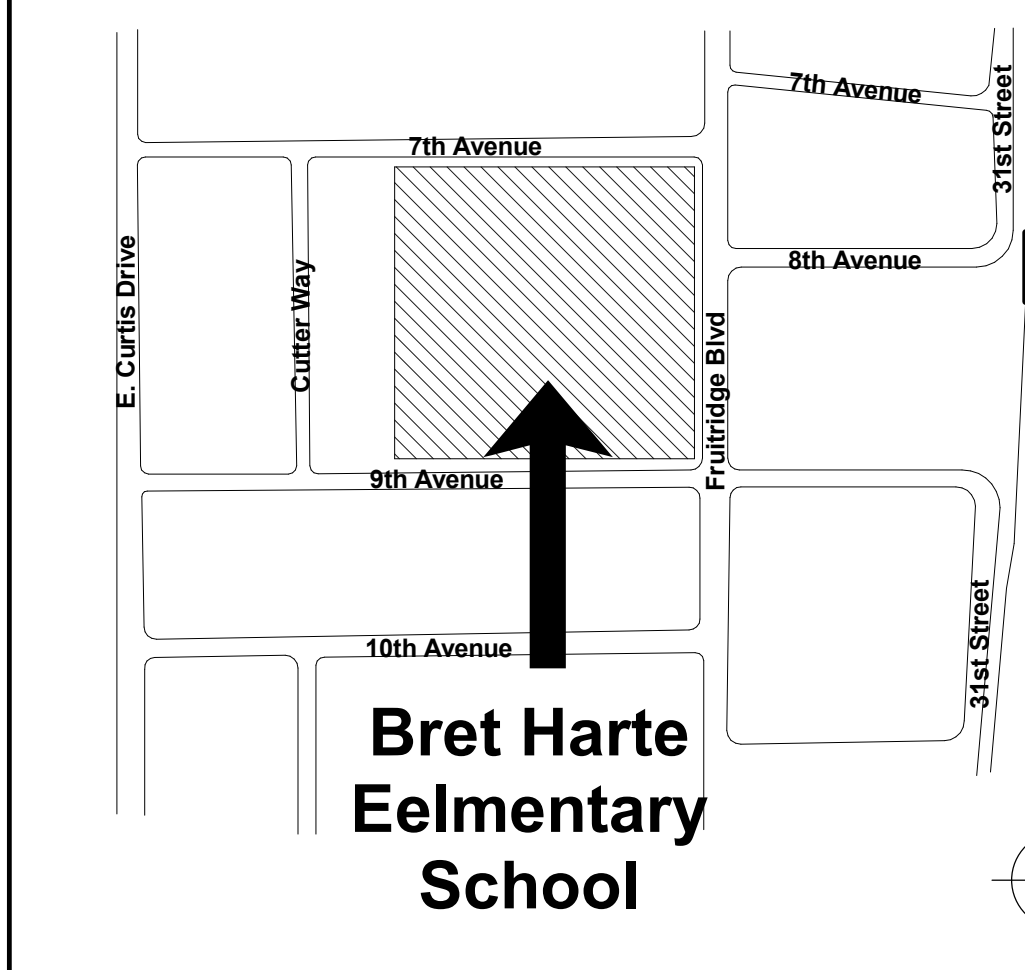
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KEY PLAN

VICINITY MAP



- GENERAL NOTES
- This sheet is part of a set and is not to be used alone.
 - This sheet is not to be used for construction unless the architect's stamp and signature appear on the drawings and the status box indicated drawings have been released for construction.
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NO.	REMARKS	DATE

DRAWING STATUS

DATE: 02.07.2023

DSA PLAN CHECK

DSA BACK CHECK

BIDDING

CONSTRUCTION

PROJECT STATUS

Sacramento Unified School District
425 1st AVENUE
SACRAMENTO, CA 95818

PROJECT STATUS

SCUSD Bret Harte ES
Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement
2751 9th Avenue
Sacramento, CA 95818

COVER SHEET

Date: 01/24/2023 Project Number: 22035

Application Number: 02-120968 Drawing Number: A0.1

Drawn: Checked: Author: Checker:

		DRAWING DISCIPLINE PREFIX A. ARCHITECTURAL C. CIVIL D. INTERIOR DESIGN / FURNITURE E. ELECTRICAL FA. FIRE ALARM FP. FIRE PROTECTION / SPRINKLER SYSTEM FS. FOOD SERVICE L. LANDSCAPING M. MECHANICAL P. PLUMBING S. STRUCTURAL T. TECHNOLOGY	GENERAL NOTES 1. PRIOR TO SUBMITTING PROPOSAL, BIDDER SHALL EXAMINE CONSTRUCTION DRAWINGS AND SPECIFICATIONS AND SHALL HAVE VISITED THE CONSTRUCTION SITE. HE SHALL BE FAMILIAR WITH THE CONDITIONS UNDER WHICH HE WILL HAVE TO OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THIS CONTRACT. THE GENERAL CONTRACTOR SHALL NOT DISPUTE, COMPLAIN OR ASSERT THAT THERE IS ANY MISUNDERSTANDING IN REGARDS TO LOCATION, EXTENT, NATURE OR AMOUNT OF WORK TO BE PERFORMED UNDER THIS CONTRACT DUE TO THE CONTRACTOR'S FAILURE TO INSPECT THE SITE. BIDDERS SHALL NOTIFY THE ARCHITECT OF ANY CONDITIONS, REQUIREMENTS, WHICH ARE NOT COVERED IN THE CONTRACT DOCUMENTS. 2. THERE WILL BE NO SUBSTITUTION FOR SPECIFIED ITEMS WITHOUT PRIOR APPROVAL UNLESS OTHERWISE NOTED. REQUESTS FOR SUBSTITUTIONS SHALL BE MADE IN ACCORDANCE WITH GENERAL CONDITIONS & DIVISION 1. 3. THE GENERAL BUILDING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS REQUIRED BY GOVERNING AGENCIES IN ORDER TO PERFORM THE WORK. 4. THE FINAL LOCATION OF ALL ELECTRICAL AND SIGNAL EQUIPMENT, PANEL BOARDS, FIXTURES, ETC., SHALL BE APPROVED BY OWNER PRIOR TO INSTALLATION. 5. DEFINITIONS A. "TYPICAL" MEANS IDENTICAL FOR ALL CONDITIONS, UNLESS OTHERWISE NOTED. B. "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITION NOTED. VERIFY DIMENSIONS AND ORIENTATIONS. C. "PROVIDE" MEANS TO FURNISH AND INSTALL. D. "FURNISH" MEANS TO FURNISH AND OTHERS WILL INSTALL. 6. DIMENSIONING RULES A. ALL HORIZONTAL DIMENSIONS SHALL BE TO FACE OF STUD OR TO CENTERLINE OF COLUMN GRID LINE, U.O.N B. DIMENSIONS NOTED "CLEAR," "CLR," OR "MINIMUM" MUST BE PRECISELY MAINTAINED. C. DIMENSIONS CAN NOT BE MODIFIED WITHOUT APPROVAL OF THE ARCHITECT UNLESS OTHERWISE NOTED. D. VERTICAL DIMENSIONS ARE FROM TOP OF FLOOR SLAB UNLESS OTHERWISE NOTED. E. DO NOT SCALE DRAWINGS. IF ANY ITEM OF WORK CANNOT BE LOCATED, DO NOT PROCEED WITH THE WORK WITHOUT THE ARCHITECT'S APPROVAL. F. DIMENSIONS MARKED "V.I.F." OR "VERIFY" SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. G. VERIFY ALL ROUGH OPENING DIMENSIONS FOR FABRICATED ITEMS WITH THE MANUFACTURER PRIOR TO PROCEEDING WITH CONSTRUCTION. 7. PROVIDE REQUIRED BACKING, BLOCKING, AND BRACING FOR ALL WALL - MOUNTED FIXTURES, ACCESSORIES AND EQUIPMENT. 8. VERIFY AND COORDINATE WALLS THAT MAY REQUIRE NON-TYPICAL THICKNESS OR FRAMING DUE TO ELECTRICAL, MECHANICAL, PLUMBING, STRUCTURAL, AND/OR EQUIPMENT REQUIREMENTS. 9. ALL GLAZING SHALL CONFORM TO FEDERAL GLAZING REGULATIONS AND CHAPTER 24, CBC. 10. ALL CONTRACTORS SHALL REMOVE TRASH AND DEBRIS STEMMING FROM THEIR WORK ON A DAILY BASIS. PROJECT SITE SHALL BE MAINTAINED IN A CLEAN AND ORDERLY CONDITION. 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL LEFT-OVER MATERIALS, DEBRIS, TOOLS AND EQUIPMENT INVOLVED IN HIS OPERATIONS AT THE CONCLUSION OF THE INSTALLATION. HE SHALL LEAVE ALL AREAS CLEAN AND FREE FROM DUST. 12. HAZARDOUS MATERIALS: THE ARCHITECT AND THE ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL, DISPOSAL OF OR EXPOSURE OF PERSONS TO ASBESTOS OR HAZARDOUS OR TOXIC SUBSTANCES IN ANY FORM AT THE PROJECT SITE. PROFESSIONAL SERVICES RELATED OR IN ANY WAY CONNECTED WITH THE INVESTIGATION, DETECTION, ABATEMENT, REPLACEMENT, USE, SPECIFICATION, OR REMOVAL OF PRODUCTS, MATERIALS, OR PROCESSES CONTAINING ASBESTOS OR HAZARDOUS OR TOXIC MATERIALS ARE BEYOND THE SCOPE OF THIS AGREEMENT. 13. THE GENERAL CONTRACTOR & SUBCONTRACTORS ARE RESPONSIBLE FOR LOCATING & VERIFYING ALL EXISTING UNDERGROUND UTILITIES IN ALL AREAS OF NEW WORK PRIOR TO COMMENCEMENT OF EXCAVATION. EXISTING UTILITIES SHOWN ON THE DRAWING ARE APPROXIMATE ROUTING LOCATION AS BEST DETERMINED FROM EXISTING DRAWINGS AND THE SCHOOL DISTRICT. BUT SHOULD NOT BE CONSTRUED TO REPRESENT ALL THE EXISTING UNDERGROUND UTILITIES. 14. ALL TEMPORARY WORK SHALL BE CONSIDERED A PART OF THIS CONTRACT AND NO EXTRA CHARGES WILL BE ALLOWED. THIS SHALL INCLUDE MINOR ITEMS OF MATERIAL OR EQUIPMENT NECESSARY TO MEET THE REQUIREMENTS AND INTENT OF THE PROJECT. 15. ALL WALL PENETRATIONS TO EXTERIOR WALLS SHALL BE SEALED AIR/WATER TIGHT. ALL INTERIOR PENETRATIONS SHALL BE SEALED TO PROVIDE A PROFESSIONAL AND FINISHED APPEARANCE. 16. THE DRAWINGS AND SPECIFICATIONS DO NOT UNDERTAKE TO SHOW OR LIST EVERY ITEM TO BE PROVIDED, BUT RATHER TO DEFINE THE REQUIREMENTS FOR A FULL AND WORKING SYSTEM FROM THE STANDPOINT OF THE END USER. FOR THIS REASON, WHEN AN ITEM NOT SHOWN OR LISTED IS CLEARLY NECESSARY FOR PROPER USE, CONTROL, OPERATION OF EQUIPMENT WHICH IS SHOWN OR LISTED, PROVIDE ALL ITEMS WHICH WILL ALLOW THE SYSTEM TO FUNCTION PROPERLY AT NO INCREASE IN CONTRACT PRICE OR TIME. 17. THE DETAILS REFLECT THE DESIGN INTENT FOR TYPICAL CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND SHALL INCLUDE, IN HIS SCOPE, THE COST FOR COMPLETE FINISHED INSTALLATIONS, INCLUDING ANOMALIES OF ALL TYPES. 18. ALL WORK SHALL CONFORM TO CALIFORNIA CODES, TRADE STANDARDS WHICH GOVERN EACH PHASE OF THE PROJECT, AND ALL APPLICABLE LOCAL CODES AND AUTHORITIES HAVING JURISDICTION. 19. THIS DRAWING SET SHALL BE USED IN CONJUNCTION WITH THE CSI FORMAT PROJECT MANUAL, PUBLISHED IN BOOK FORM, COMBINED, THEY ARE THE "CONTRACT DOCUMENTS". 20. NO WORK SHALL COMMENCE WITH UNAPPROVED MATERIALS. ANY WORK DONE WITH UNAPPROVED MATERIALS AND EQUIPMENT IS AT THE CONTRACTOR'S RISK. SEE SPECIFICATIONS FOR SUBMITTAL AND SUBSTITUTION REQUIREMENTS. 21. CONSTRUCTION MATERIAL STORED ON THE SITE SHALL BE PROPERLY STACKED AND PROTECTED TO PREVENT DAMAGE OR DETRIORATION. FAILURE IN THIS REGARD MAY BE CAUSE FOR REJECTION OF MATERIAL AND/OR WORK. SECURITY OF MATERIALS ARE THE SOLE RESPONSIBILITY OF CONTRACTOR. 22. ALL EQUIPMENT/CABINETS SHALL BE FABRICATED FROM FIELD VERIFIED DIMENSIONS AND APPROVED SHOP DRAWINGS. COORDINATE MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT WITH THIS WORK. 23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE AND COSTS ATTRIBUTED TO RAIN WATER DAMAGE DURING THE DURATION OF THIS PROJECT. 24. PROTECT AREAS FROM DAMAGE WHICH MAY OCCUR DUE TO TEMPERATURES, WIND, DUST, WATER, ETC. PROVIDE AND MAINTAIN TEMPORARY BARRICADES, CLOSURE WALLS, ETC. AS REQUIRED DURING CONSTRUCTION. 25. MAINTAIN EXISTING PEDESTRIAN ACCESS ALONG EXISTING ADJACENT STREETS. 26. ALL PUBLIC IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST ADOPTED CITY/COUNTY STANDARDS. 27. ALL TYPICAL DETAILS SHALL APPLY UNLESS NOTED OTHERWISE. 28. NOTIFY THE ARCHITECT IN WRITING AND SEEK CLARIFICATION IF ANY DISCREPANCIES OR OMISSIONS ARE FOUND. CONTRACTOR SHALL BE RESPONSIBLE FOR REMEDIAL WORK IF RELATED WORK IS CONTINUED AFTER A DISCREPANCY IS IDENTIFIED. 29. NEW FINISHES AND CONSTRUCTION SHALL BE PROTECTED BY THE CONTRACTOR FROM POTENTIAL DAMAGE CAUSED BY CONSTRUCTION ACTIVITY. DAMAGE TO FINISHES OR CONSTRUCTION SHALL BE REPAIRED OR REPLACED (OWNER'S DECISION) BY THE CONTRACTOR WITH IDENTICAL MATERIAL AND/OR FINISHES. CONTRACTOR SHALL MAKE AND MAINTAIN A PHOTOGRAPHIC RECORD NOTEBOOK WITH DATED/INDEXED PHOTOGRAPHS. SEE ELECTRICAL DRAWINGS FOR INFORMATION RELATED TO TELECOMMUNICATION EQUIPMENT, POWER, AND LIGHTING FIXTURES AND EQUIPMENT. SEE ARCHITECTURAL PLANS, REFLECTED CEILING PLAN AND INTERIOR ELEVATIONS FOR COORDINATED EQUIPMENT LOCATIONS. IF NOT SHOWN, CONTACT ARCHITECT FOR REVIEW AND DECISION. 30. PROVIDE ACCESS DOORS REQUIRED FOR ACCESS TO CONCEALED MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT. 31. ALL NOTED WORK IS UNDERSTOOD TO BE NEW, UNLESS LABELED AS "IE" OR "EXISTING". 32. PROTECT AREAS FROM DAMAGE WHICH MAY OCCUR DUE TO TEMPERATURES, WIND, DUST, WATER, ETC. PROVIDE AND MAINTAIN TEMPORARY BARRICADES, CLOSURE WALLS, ETC. AS REQUIRED DURING CONSTRUCTION. 25. MAINTAIN EXISTING PEDESTRIAN ACCESS ALONG EXISTING ADJACENT STREETS. 26. ALL PUBLIC IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST ADOPTED CITY/COUNTY STANDARDS. 27. ALL TYPICAL DETAILS SHALL APPLY UNLESS NOTED OTHERWISE. 28. NOTIFY THE ARCHITECT IN WRITING AND SEEK CLARIFICATION IF ANY DISCREPANCIES OR OMISSIONS ARE FOUND. CONTRACTOR SHALL BE RESPONSIBLE FOR REMEDIAL WORK IF RELATED WORK IS CONTINUED AFTER A DISCREPANCY IS IDENTIFIED. 29. NEW FINISHES AND CONSTRUCTION SHALL BE PROTECTED BY THE CONTRACTOR FROM POTENTIAL DAMAGE CAUSED BY CONSTRUCTION ACTIVITY. DAMAGE TO FINISHES OR CONSTRUCTION SHALL BE REPAIRED OR REPLACED (OWNER'S DECISION) BY THE CONTRACTOR WITH IDENTICAL MATERIAL AND/OR FINISHES. CONTRACTOR SHALL MAKE AND MAINTAIN A PHOTOGRAPHIC RECORD NOTEBOOK WITH DATED/INDEXED PHOTOGRAPHS. SEE ELECTRICAL DRAWINGS FOR INFORMATION RELATED TO TELECOMMUNICATION EQUIPMENT, POWER, AND LIGHTING FIXTURES AND EQUIPMENT. SEE ARCHITECTURAL PLANS, REFLECTED CEILING PLAN AND INTERIOR ELEVATIONS FOR COORDINATED EQUIPMENT LOCATIONS. IF NOT SHOWN, CONTACT ARCHITECT FOR REVIEW AND DECISION. 30. PROVIDE ACCESS DOORS REQUIRED FOR ACCESS TO CONCEALED MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT. 31. ALL NOTED WORK IS UNDERSTOOD TO BE NEW, UNLESS LABELED AS "IE" OR "EXISTING".																							
		DRAWING INDEX CODE A0. GENERAL INFORMATION A1. SITE PLANS A2. FLOOR PLANS A3. REFLECTED CEILING PLANS A4. ROOF PLANS A5. EXTERIOR ELEVATIONS A6. BUILDING SECTIONS A7. ENLARGED PLANS A8. INTERIOR ELEVATIONS A9. SCHEDULES A10. CONSTRUCTION DETAILS	DETAIL DRAWING CODE <p>THE DIVISION PREFIX NUMBERS ARE THOSE IDENTIFIED BY THE 48 DIVISION GROUPING SYSTEM OF MASTERFORMAT AS PUBLISHED BY THE CONSTRUCTION SPECIFICATIONS INSTITUTE (CSI) AND SHALL NOT BE SOLELY REPRESENTATIVE OF REQUIREMENTS FOR ANY ONE DIVISION. THOSE DIVISIONS NOTED AS BEING OMITTED ARE NOT APPLICABLE OR ARE INCLUDED UNDER DISCIPLINE DRAWINGS.</p> <p>IN CASE OF DISCREPANCY BETWEEN THE INDEX AND THE DRAWINGS, THE DRAWINGS SHALL GOVERN.</p>																							
		DIVISION NUMBER CODE MASTERFORMAT NUMBERS AND TITLES AS PUBLISHED BY THE CONSTRUCTION SPECIFICATIONS INSTITUTE (CSI). DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS DIVISION 01 GENERAL REQUIREMENTS DIVISION 02 EXISTING CONDITIONS DIVISION 03 CONCRETE DIVISION 04 MASONRY DIVISION 05 METALS DIVISION 06 WOODS, PLASTICS, AND COMPOSITES DIVISION 07 THERMAL AND MOISTURE PROTECTION DIVISION 08 OPENINGS DIVISION 09 FINISHES DIVISION 10 SPECIALTIES DIVISION 11 EQUIPMENT DIVISION 12 FURNISHINGS DIVISION 13 SPECIAL CONSTRUCTION DIVISION 14 CONVEYING EQUIPMENT DIVISION 21 FIRE SUPPRESSION DIVISION 22 PLUMBING DIVISION 23 HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) DIVISION 25 INTEGRATED AUTOMATION DIVISION 26 ELECTRICAL DIVISION 27 COMMUNICATIONS DIVISION 28 ELECTRONIC SAFETY AND SECURITY DIVISION 31 EARTHWORK DIVISION 32 EXTERIOR IMPROVEMENTS DIVISION 33 UTILITIES DIVISION 34 TRANSPORTATION DIVISION 35 WATERWAY AND MARINE CONSTRUCTION DIVISION 40 PROCESS INTERCONNECTIONS DIVISION 41 MATERIAL PROCESSING AND HANDLING EQUIPMENT DIVISION 42 PROCESS HEATING, COOLING, AND DRYING EQUIPMENT DIVISION 43 PROCESS GAS AND LIQUID HANDLING, PURIFICATION, AND STORAGE DIVISION 44 POLLUTION AND WASTE CONTROL EQUIPMENT DIVISION 45 INDUSTRY-SPECIFIC MANUFACTURING EQUIPMENT DIVISION 46 WATER AND WASTEWATER EQUIPMENT DIVISION 48 ELECTRICAL POWER GENERATION	ACCEPTANCE TESTING THE 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 ACCEPTANCE TEST TECHNICIAN (ATT). MECHANICAL SYSTEM ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021. ENVELOPE AND PROCESS EQUIPMENT ACCEPTANCE TESTS SHALL BE PERFORMED BY THE INSTALLING CONTRACTOR, ENGINEER/ARCHITECT OF RECORD OR THE OWNER'S AGENT. A LISTING OF CERTIFIED ATT CAN BE FOUND AT: HTTPS://WWW.ENERGY.CA.GOV/PROGRAMS-AND-TOPICS/PROGRAMS/ACCEPTANCE-TEST-TECHNICIAN-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. PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.	OWNER FURNISHED ITEMS ITEMS LISTED BELOW ARE OWNER FURNISHED. CONTRACTOR INSTALLED. • SHADE STRUCTURE (POLIGON VIA SOURCEWELL) ITEMS LISTED BELOW ARE OWNER FURNISHED OWNER INSTALLED. • PLAY APPARATUS (MIRACLE VIA SOURCEWELL) • PLAY SURFACING (MIRACLE VIA SOURCEWELL)																						
		ACCEPANCE TESTING	OWNER FURNISHED ITEMS																							
		EMERGENCY RESPONDER RADIO COVERAGE ARCHITECT OF RECORD (AOR) SHALL CONTACT THE LOCAL FIRE DEPARTMENT AND/OR EMERGENCY COMMUNICATIONS AUTHORITY TO OBTAIN DESIGN AND EQUIPMENT SPECIFICATIONS, AND TESTING AND ACCEPTANCE CRITERIA. IT IS THE RESPONSIBILITY OF THE DESIGN PROFESSIONAL / AOR TO SUBMIT PLANS AND REQUESTED DOCUMENTATION, AND APPLICABLE FEES, TO THE LOCAL AUTHORITY HAVING JURISDICTION FOR REVIEW AND APPROVAL. UPON COMPLETION, COPIES OF THE APPROVED PLANS, EQUIPMENT DATA SHEETS, AND PROOF OF TESTING AND ACCEPTANCE DOCUMENTATION SHALL BE PROVIDED TO THE SCHOOL DISTRICT. THE PROJECT INSPECTORS SHALL VERIFY THAT DOCUMENTATION IS PROVIDED TO THE SCHOOL DISTRICTS.	GENERAL NOTES THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS. 1. HYDRAULIC RAM METHOD: THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE APPLICABLE TEST LOAD. FOR WEDGE AND SLEEVE TYPE ANCHORS, A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER UNDER THE NUT BECOMES LOOSE, DROP-IN ANCHORS ARE ONLY TO BE TESTED WITH THIS METHOD. 2. TORQUE WRENCH METHOD: THE APPLICABLE TEST TORQUE MUST BE REACHED WITHIN THE FOLLOWING LIMITS. WEDGE OR SLEEVE TYPE: ONE-HALF (1/2) TURN OF THE NUT, ONE-QUARTER (1/4) TURN OF THE NUT FOR THE 3/8 IN. SLEEVE ANCHOR ONLY. G. TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE SUBJECT ANCHORS. H. ALL ANCHOR BOLTS OF THE EXPANSION TYPE (LOADED IN EITHER PULL-OUT OR SHEAR) SHALL HAVE 50 PERCENT OF THE BOLTS (ALTERNATE BOLTS IN ANY GROUP ARRANGEMENT ALLOWED BY THE TYPE OF SUBSTRATE AND DIAMETER OF BOLT LISTED BELOW UNDER TEST VALUES TABLE) PROOF TESTED IN TENSION TO TWICE THE ALLOWABLE TENSION LOAD. IF THERE ARE ANY FAILURES, THE IMMEDIATELY ADJACENT BOLTS MUST THEN ALSO BE TESTED. I. ALL BOLTS MUST HAVE ICC APPROVAL. J. ALL ANCHOR BOLTS OF THE EXPANSION TYPE SHALL BE ONE OF THE FOLLOWING: 1. HILTI KB-TZZ ANCHOR ICC NO. ESR 4266 MINIMUM TEST VALUES NORMAL WEIGHT OR LIGHTWEIGHT CONCRETE <table border="1"><thead><tr><th rowspan="2">ANCHOR</th><th colspan="3">WEDGE</th></tr><tr><th>DIA. (IN)</th><th>TENSION LOAD (LBS)</th><th>TORQUE (FT-LBS)</th></tr></thead><tbody><tr><td>3/8</td><td>6.490</td><td>30</td><td>1 1/2" - 2 1/2"</td></tr><tr><td>1/2</td><td>11,240</td><td>50</td><td>1 1/2" - 3 1/4"</td></tr><tr><td>5/8</td><td>17,535</td><td>80</td><td>2 3/4" - 4"</td></tr><tr><td>3/4</td><td>25,335</td><td>110</td><td>3 1/4" - 4 3/4"</td></tr></tbody></table> 9. POWDER-DRIVEN CONCRETE FASTENERS: A. GENERAL USE OF POWDER DRIVEN CONCRETE FASTENERS FOR TENSION LOADS IS LIMITED TO SUPPORT OF MINOR LOADS LIKE ACoustICAL CEILING, DUCT WORK, CONDUIT. B. ALLOWABLE LOADS: IN GENERAL, LOADS SHOULD BE LIMITED TO LESS THAN 100 POUNDS. HOWEVER GREATER LOADS MAY BE PERMITTED FOR SPECIAL CASES WHEN APPROVED BY THE CHECKING SUPERVISOR OR FIELD ENGINEER. C. TESTING: THE OPERATOR, TOOL, AND FASTENER SHALL BE PREQUALIFIED BY THE PROJECT INSPECTOR. HE SHALL OBSERVE THE TESTING OF THE FIRST 10 FASTENER INSTALLATIONS. A TEST "PULL-OUT" LOAD OF NOT LESS THAN TWICE THE DESIGN LOAD, OR 200 POUNDS, WHICHEVER IS GREATER, SHALL BE APPLIED TO THE PIN IN SUCH A MANNER AS NOT TO RESIST THE SPALLING TENACITY OF THE CONCRETE SURROUNDING THE PIN. THEREAFTER, RANDOM TESTS UNDER THE PROJECT INSPECTOR'S SUPERVISION SHALL BE MADE OF APPROXIMATELY 1 IN 10 PINS, EXCEPT THAT WHEN THE DESIGN LOAD EXCEEDS 100 POUNDS, ONE HALF OF THE PINS SHALL BE TESTED. SHOULD FAILURE OCCUR ON ANY PIN TESTED, ALL INSTALLATIONS MUST BE TESTED AND UNFAIR PINS REPLACED. D. ALL POWDER DRIVEN CONCRETE FASTENERS SHALL BE ONE OF THE FOLLOWING: HILTI, INC. 1. 0.146 DIA. PAF X-CR INTO STEEL BASE MATERIAL - ICC NO. ESR 1663 2. 0.138 DIA. PAF X-CR INTO CONCRETE BASE MATERIAL - ICC NO. ESR 1663	ANCHOR	WEDGE			DIA. (IN)	TENSION LOAD (LBS)	TORQUE (FT-LBS)	3/8	6.490	30	1 1/2" - 2 1/2"	1/2	11,240	50	1 1/2" - 3 1/4"	5/8	17,535	80	2 3/4" - 4"	3/4	25,335	110	3 1/4" - 4 3/4"
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3/4	25,335	110	3 1/4" - 4 3/4"																							

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 02-120968 INC: REVIEWED FOR: SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> DATE: 02/08/2023																								
 STUDIO W ARCHITECTS																								
Studio W Architects 1930 H Street Sacramento, California 95811 [T] 916.254.5600 www.StudioW-Architects.com																								
<table border="1"><thead><tr><th>ARCHITECT</th><th>ENGINEER</th></tr></thead><tbody><tr><td style="text-align: center;"> <i>[Signature]</i> DATE: 02/08/2023</td><td style="text-align: center;"></td></tr></tbody></table>	ARCHITECT	ENGINEER	 <i>[Signature]</i> DATE: 02/08/2023																					
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PROJECT STATUS SCUSD Bret Harte ES Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement 2751 9th Avenue Sacramento, CA 95818																								
GENERAL NOTES																								
Date: 01/24/2023 Application Number: 02-120968 Drawn by: [Name] Checked by: [Name]	Project Number: 22035 Drawing Number: A0.2																							

ARCHITECTURAL DRAWING ABBREVIATIONS

Table containing architectural abbreviations. Columns include symbol/letter and description. Examples: # POUND OR NUMBER, A AIR CONDITIONING, B BOLT, C CURB AND GUTTER, etc.

SYMBOLS LEGEND

Table explaining symbols used in drawings. Includes symbols for North Arrow, Section Number, Elevation Number, Grid Lines, etc. with corresponding text descriptions.

MATERIALS LEGEND

Table explaining material symbols used in drawings. Includes patterns for Earth, Concrete, Steel, Wood, etc. with corresponding text descriptions.

STUDIO W ARCHITECTS logo and contact information. Includes address: Studio W Architects, 1930 H Street, Sacramento, California 95811.

Identification Stamp: APP: 02-120968 INC. REVIEWED FOR FLS ACS DATE: 02/08/2023

Professional Engineer and Architect Seal for Sacramento, California. Includes registration numbers and dates.

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REVISION HISTORY table with columns: NO., REMARKS, DATE.

DRAWING STATUS: DSA PLAN CHECK, DSA BACK CHECK, BIDDING, CONSTRUCTION.

KEY PLAN: Sacramento Unified School District, 425 1st Avenue, Sacramento, CA 95818.

PROJECT STATUS: SCUSD Bret Harte ES, Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement, 2751 9th Avenue, Sacramento, CA 95818.

ARCHITECTURAL SYMBOLS AND ABBREVIATIONS

PRINT DATE: 1/28/2023 7:18:24 AM FILE PATH: P:\2022\2035 Sacramento, CA (USD) Bret Harte ES\Drawings\22035_SCI\USD (Bret Harte) ES.rvt

GENERAL NOTES

EXISTING CONDITIONS
 1. ALL (E) STRUCTURES AND ITEMS ON SITE ARE APPROXIMATE BASED ON DRAWINGS FROM OWNER.

BUILDING
 1. ALL EXTERIOR OUTWARD SWINGING DOORS TO HAVE A MINIMUM 5'-0" LEVEL LANDING.
 2. ALL BUILDING ENTRANCES AND EXTERIOR GROUND LEVEL EXITS SHALL BE ACCESSIBLE.

ACCESSIBLE PATH OF TRAVEL
 1. SEE ACCESSIBLE PATH OF TRAVEL DEFINITION, THIS SHEET.
 2. ALL SIDEWALKS ALONG THE ACCESSIBLE ROUTE TO BE A MINIMUM OF 4'-0" WIDE, AND THERE SHALL BE NO DROP-OFFS OVER 4" AT EDGE OF WALK OR LANDING, WHERE A 4" DROP-OFF DOES OCCUR, PROVIDING A 6" HIGH WARNING CURB OR GUARD OR HANDRAIL. (SEE CBC SECTION 11B-303.5)
 3. FOR GRATINGS LOCATED IN THE SURFACE OF ANY PEDESTRIAN WALKWAY IN THE PATH OF TRAVEL, GRID OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2" MAXIMUM IN THE DIRECTION OF TRAFFIC FLOW.
 4. 36" WIDE CONTINUOUS DETECTABLE WARNING SHALL BE USED WHERE THE PEDESTRIAN PATH CROSSES OR ADJOINS A VEHICULAR WAY (SUCH AS A DRIVEWAY) TO WARN OF POTENTIAL HAZARDS AS PER CBC 11B-705.
 5. SEE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT ON THIS SHEET FOR PATH OF TRAVEL REQUIREMENTS.

GATES
 1. GATES ALONG ACCESSIBLE ROUTE SHALL MEET DOOR REQUIREMENTS PER CBC SECTION 11B-404 INCLUDING PANIC HARDWARE AND 10" MIN. SMOOTH BOTTOM OR KICK PLATE.
 2. GATES IN PATH OF TRAVEL SHALL COMPLY WITH EXIT DOOR REQUIREMENTS WITH PROPER ACCESSIBLE LEVER HARDWARE AND KICK PLATES.

ACC. PATH OF TRAVEL

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLANS IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT

(BASED ON DSA PROCEDURE PR 15-01)

THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

ACCESSIBLE PARKING

BASED ON CBC TABLE 11B-208.2 "PARKING SPACES"

02 213	(E) WALL MOUNTED FIRE ALARM NOTIFICATION STROBE AS REQUIRED PER DSA PUBLICATION IR 31-1.
02 214	(E) WALL MOUNTED SPEAKER.
08 702	KNOX PAD LOCK TO BE INSTALLED
10 121	PARKING ENTRANCE SIGNAGE PER 11B-502.8 (SEE DETAIL 4/C5.1)
13 302	POLYGON HIP ROOF SHADE STRUCTURE - PC# 02-119077

STANDARD PARKING PROVIDED: 26 STALLS
 ACCESSIBLE PARKING PROVIDED: 1 STALLS + 1 VAN STALLS
 TOTAL PARKING PROVIDED: 28 STALLS

BICYCLE STORAGE CALCS

BASED ON 2019 CAL GREEN BUILDING STANDARDS CODE SECTION 5.106.4.2 BICYCLE PARKING (DSA-SS)

N/A - NO NEW BUILDINGS

KEYNOTES

NUMBER	NOTE
02 213	(E) WALL MOUNTED FIRE ALARM NOTIFICATION STROBE AS REQUIRED PER DSA PUBLICATION IR 31-1.
02 214	(E) WALL MOUNTED SPEAKER.
08 702	KNOX PAD LOCK TO BE INSTALLED
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LOCAL FIRE AUTHORITY REVIEW

DSA 810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms and Publications webpage.

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

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

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

PROJECT INFORMATION

School District/Owner: Sacramento Unified School District
 Project Name/Street: Bret Harte ES
 Project Address: 2751 9th Avenue, Sacramento, CA 95818

FIRE & LIFE SAFETY INFORMATION

1. Has a fire hydrant flow test been performed within the past 12 months? (If yes, provide a copy of the test data.)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
2. Was the fire hydrant water flow test performed as part of this LFA review?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
3. Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal Fire? (If yes, indicate FHSZ classification below.)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Refer to the following website for FHSZ locations: http://maps.fire.ca.gov/FHSZ/	Moderate <input type="checkbox"/>	High <input type="checkbox"/> Very High <input type="checkbox"/>
Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)	WIFA <input type="checkbox"/>	

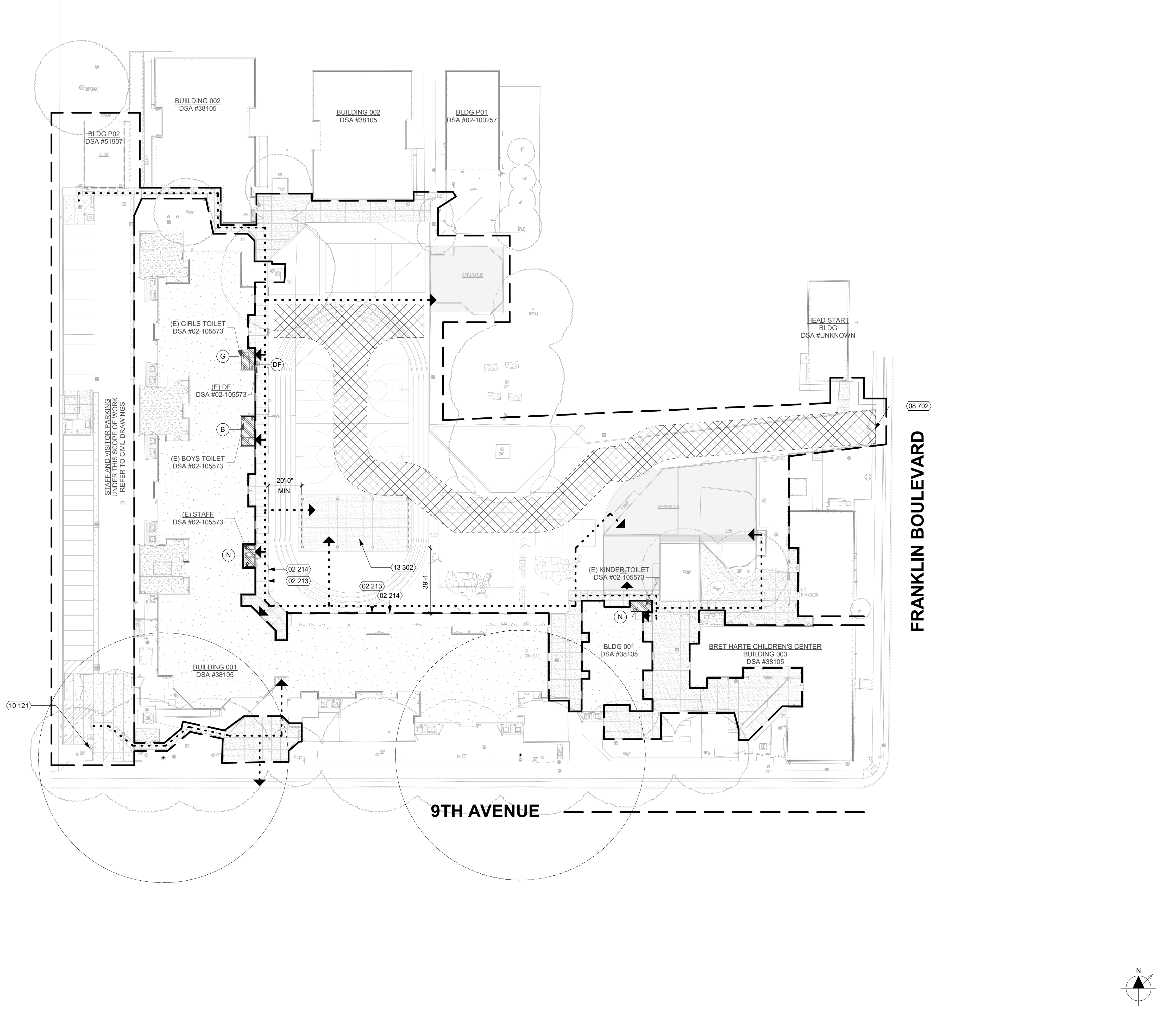
* NO NEW STRUCTURES ARE PROPOSED FOR THIS REVIEW, EXISTING FIRE HYDANT LOCATIONS FIRE DEPARTMENT ACCESS AND WATER FLOW INFORMATION HAVE BEEN PREVIOUSLY APPROVED.

DSA DSA 810 (revised 12/28/20) Page 1 of 4
 DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-120968 INC:
 REVIEWED FOR:
 SS FLS ACS
 DATE: 02/08/2023

STUDIO W ARCHITECTS

Studio W Architects
 1930 H Street
 Sacramento, California 95811
 [T] 916.254.5600
 www.StudioW-Architects.com



DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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

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

Accepted by: Chris Ralston Title: Director III - Facilities Management
 Signature: *Chris Ralston* Date: 01/03/23

LOCAL FIRE AUTHORITY (LFA) INFORMATION

LFA Agency Name: Sacramento Fire Department
 LFA Review Official: King Tunison
 Title: Program Specialist Work Phone: (916) 898-1358
 Work Email: ktunison@sds.chyofisacramento.org

LFA Reviewer's Signature: *King Tunison* Date: 01/18/2023

DSA DSA 810 (revised 12/28/20) Page 2 of 4
 DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA

LEGEND

- (E) BUILDING, NOT UNDER SCOPE OF WORK
- 20'-0" WIDE MINIMUM CLEAR FIRE ACCESS LANE
- ACCESSIBLE BATHROOM FACILITIES:
 - (W) WOMENS (M) MENS
 - (G) GIRLS (B) BOYS
 - (N) ALL GENDER (DF) DRINKING FOUNTAIN
- ACCESSIBLE PATH OF TRAVEL, SEE DEFINITION ON THIS SHEET
- PROPERTY LINE
- FIRE HYDRANT AND 75' RADIUS CIRCLE
- LOCATION OF ACCESSIBLE EXTERIOR EXIT DOORS, ENTRANCES, AND EGRESS
- LIMIT OF WORK
- BUILDING TO BE REMOVED, REFER TO CIVIL PLANS FOR MORE INFORMATION

ARCHITECT ENGINEER

LICENCED ARCHITECT
 BRITAN P. WHITFIELD
 No. C 30345
 Ren. 1/30/23
 STATE OF CALIFORNIA
 DATE SIGNED: 01/18/2023

- GENERAL NOTES**
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REVISION HISTORY

NO.	REMARKS	DATE

DRAWING STATUS

DATE: 02.07.2023

- DSA PLAN CHECK
- DSA BACK CHECK
- BIDDING
- CONSTRUCTION

KEY PLAN

Sacramento Unified School District
 425 1st AVENUE
 SACRAMENTO, CA 95818

PROJECT STATUS

SCUSD Bret Harte ES
 Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement
 2751 9th Avenue
 Sacramento, CA 95818

CODE ANALYSIS SITE PLAN

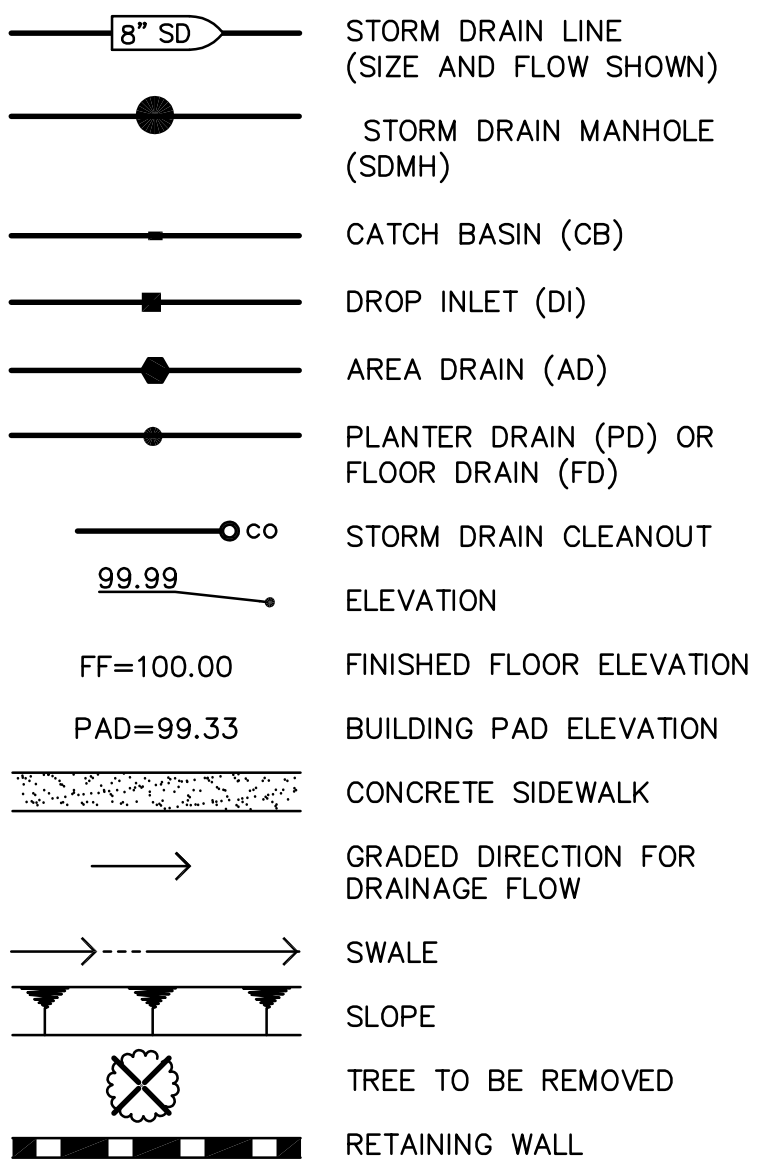
Date: 01/24/2023 Project Number: 22035
 Application Number: 02-120968 Drawing Number: A0.5
 Drawn: DH Checked: CG

ABBREVIATIONS
NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

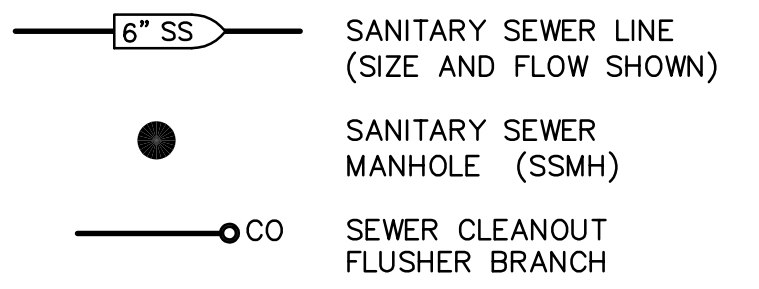
AB	AGGREGATE BASE
AC	ASPHALTIC CONCRETE
AD	AREA DRAIN
APN	ASSESSOR'S PARCEL NUMBER
ARV	AIR RELEASE VALVE
ASB	AGGREGATE SUB-BASE
BO	BLOW-OFF VALVE
BV	BUTTERFLY VALVE
BW	BACK OF WALK
C/L	CENTERLINE
CB	CATCH BASIN
CJ	CONTROL JOINT
CM	CLASS
CMF	CORRUGATED METAL PIPE
CATV	CABLE TELEVISION
CO	CLEANOUT
COMM	COMMUNICATION
CONC.	CONCRETE
CONST.	CONSTRUCT
CR	CURB RETURN
CS	CONCRETE SURFACE
DC	DOUBLE CHECK VALVE
DDC	DOUBLE DETECTOR CHECK VALVE
DG	DECOMPOSED GRANITE
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
DS	DOWNSPOUT
E	ELECTRIC
EJ	EXPANSION JOINT
EDC	EDGE OF PAVEMENT
ESMT	EASEMENT
EX	EXISTING
FS	FIRE SERVICE LINE
FDC	FIRE DEPARTMENT CONNECTION
FL	FLOWLINE
FM	SANITARY SEWER FORCE MAIN
FF	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
G	GAS
GB	GRADE BREAK
GR	GRATE ELEVATION
GRD	GRADE ELEVATION
GV	GATE VALVE
HB	HOSE BIBB
HBD	HEADER BOARD
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
INV	PIPE INVERT ELEVATION
JP	JOINT UTILITY POLE
LF	LINEAL FEET
LIP	LIP OF GUTTER
LT	LEFT
MS	MONSTRIP
NTS	NOT TO SCALE
OH	OVERHEAD
PAD	BUILDING PAD
PCC	PORTLAND CEMENT CONCRETE
PD	PLANTER DRAIN
PIV	POST INDICATOR VALVE
P/L	PROPERTY LINE
PP	POWER POLE
PS	PLAY SURFACE
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
R	RADIUS
RIM	MANHOLE RIM ELEVATION (SOLID COVER)
RP	REDUCED PRESSURE BACKFLOW PREVENTER
RW	RIGHT OF WAY
SCH	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SG	SUBGRADE ELEVATION
SS	FIRE SPRINKLER SERVICE
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
S/W	SIDEWALK
T	TELEPHONE
TC	TOP OF CURB
TD	TRENCH DRAIN
TDCB	TRENCH DRAIN CATCH BASIN
TP	TELEPHONE POLE
TRW	TOP OF RETAINING WALL
TSW	TOP OF SEAT WALL
TW	TOP OF WALK ELEVATION
U	UTILITY
UG	UNDERGROUND
UN	UNLESS OTHERWISE NOTED
VCP	VITRIFIED CLAY PIPE
W	WATER
W/	WITH
W/O	WITHOUT
WV	WATER VALVE

LEGEND
NOTE: NOT ALL SYMBOLS MAY BE USED ON THESE PLANS.

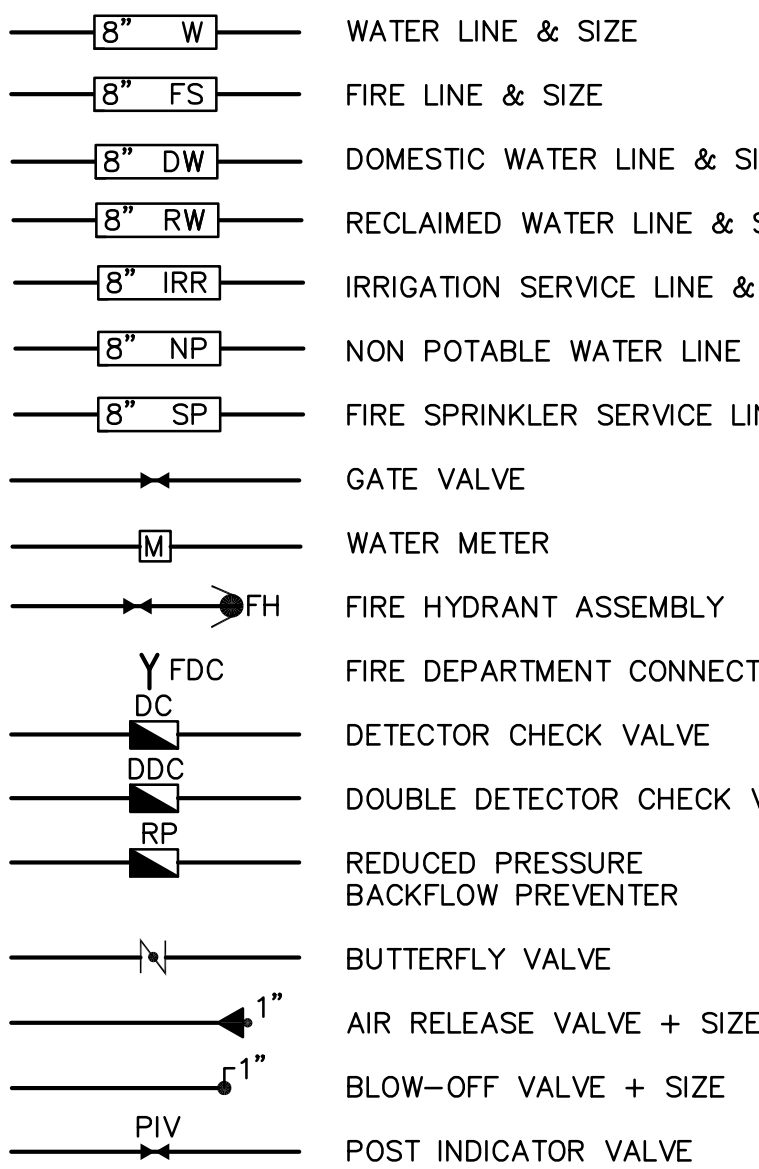
PROPOSED GRADING & DRAINAGE SYMBOLS:



PROPOSED SANITARY SEWER SYMBOLS:



PROPOSED WATER SYMBOLS:



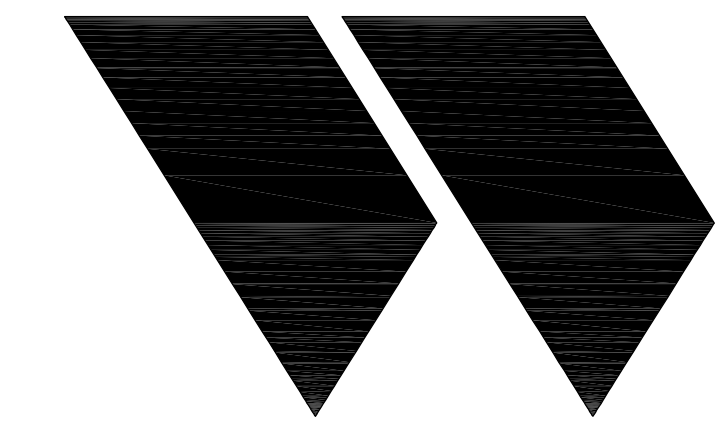
GENERAL NOTES

- THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF UNDERGROUND SERVICE ALERT (USA) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING TOLL FREE 1-800-227-2600, OR 911.
- WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS, HORIZONTAL OR VERTICAL. IN ADDITION, ANY SUCH ERRORS IN PHYSICAL LOCATION MAY AFFECT THE INTENDED DESIGN OF SUCH IMPROVEMENTS AND WCE CANNOT BE HELD RESPONSIBLE FOR SUCH CONDITIONS WHICH ARE A RESULT OF ERRORS IN SURVEYING, OR IMPROPER CONSTRUCTION.
- IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION, ALL WORK IN THE VICINITY SHALL BE STOPPED UNTIL SUCH ITEMS CAN BE ASSESSED BY AN APPROPRIATE MEMBER OF THE COUNTY ENVIRONMENTAL IMPACT SECTION STAFF.
- CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR ALL EXCAVATIONS OF 5 FEET OR MORE IN DEPTH.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE NECESSARY PRE-CONSTRUCTION SITE REVIEWS TO DETERMINE NECESSARY MEANS AND METHODS TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLANS.
- WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE THROUGH THESE EXISTING IMPROVEMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ANY SUCH EXISTING IMPROVEMENTS OUTSIDE THE PROJECT BOUNDARY, OR EXISTING IMPROVEMENTS WITHIN THE BOUNDARY WHICH ARE TO REMAIN. PROPER PRECAUTIONS SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION (WHICH WERE NOT FORMALLY ISSUED). UPON PROJECT COMPLETION, THESE RECORDS AND/OR INFORMATION SHALL BE PROVIDED TO THE OWNER AND WARREN CONSULTING ENGINEERS, INC. UNLESS AN OFFICIAL "AS-BUILT" SET OF PLANS IS A REQUIREMENT OF THE CONTRACT. IF AS-BUILT PLANS ARE A REQUIREMENT OF THE CONTRACT, REFER TO SPECIFICATIONS FOR AS-BUILT DELIVERABLE REQUIREMENTS.
- IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE, PARALLEL OR PERPENDICULAR TO THE VEHICULAR TRAVELED PATH. THIS IS TYPICALLY THE ROADWAY CENTERLINE, BUT MAY VARY. THAT SAWCUT EDGE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION SO A CLEAN EDGE REMAINS FOR PATCH BACK. IF EDGE IS DAMAGED, A NEW SAW CUT WILL BE REQUIRED. THE EXPOSED EDGE SHALL BE "TACKED" WITH EMULSION PRIOR TO PAVING.
- NO BURNING OR BLASTING SHALL BE ALLOWED ON SITE UNLESS SPECIFICALLY ADDRESSED ON PLANS, OR SPECIFICALLY APPROVED AND COORDINATED WITH THE ARCHITECT, ENGINEER, AND LOCAL AGENCY OR OTHER ADMINISTRATIVE AUTHORITY.
- SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM BETWEEN SPOT ELEVATIONS. CONTOURS OR OTHER STRUCTURE SHOWN ON GRADING OR OTHER PLANS, NO WOUNDS, RUTS, DEPRESSIONS OR OTHER GRADING DEFICIENCIES WILL BE ALLOWED UNLESS SPECIFICALLY SHOWN ON PLANS.
- ON NEW WATER SYSTEMS, SERVICE LATERALS SHALL BE MADE USING APPROPRIATE "TEE" AND "WYE" FITTINGS. SADDLE TAPS WILL ONLY BE ALLOWED WHEN MAKING CONNECTIONS TO EXISTING WATER MAINS.
- CURING COMPOUND SHALL BE APPLIED IN A CONTINUOUS SOLID WET FLOWING COAT. ANY "SPOTTY" APPLICATIONS SHALL BE RECOATED IMMEDIATELY. APPLICATION SHALL BE INSPECTED BY PROJECT INSPECTOR DURING APPLICATION.
- EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE ADDITIONAL SCORE OR EXPANSION JOINTS TO PREVENT UNCONTROLLED CRACKING. THOSE ADDITIONAL JOINTS MAY OR MAY NOT BE SPECIFICALLY SHOWN ON PLANS BUT SHALL BE PROVIDED BY THE CONTRACTOR.
- EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE A MINOR ADJUSTMENT OF REBAR WITHIN CONCRETE TO ALLOW FOR SUCH STRUCTURE. THAT REBAR ADJUSTMENT MAY NOT BE SPECIFICALLY SHOWN ON PLANS.
- NO MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE CAN BE ADDED TO THE TRUCK AFTER ARRIVAL TO PROJECT SITE. THE ADDITION OF WATER CAN ONLY BE ADDED UNDER THE SUPERVISION OF THE CONCRETE INSPECTOR OR LABORATORY TECHNICIAN.
- WHEN PUMPING CONCRETE FOR PLACEMENT, ABSOLUTELY NO WATER IS TO BE ADDED TO PUMP HOPPER. ANY WATER ADDED TO HOPPER WILL BE REASON FOR CONCRETE REJECTION AT THE CONTRACTORS EXPENSE.
- ALL CONTRACTION/CONSTRUCTION JOINTS "CJ" SHALL BE 1/4 THE SLAB THICKNESS DEEP, BUT NO LESS THAN 1" FOR CONTROLLING OF CRACKING. CONTRACTOR SHALL EXERCISE CAUTION WHEN FINAL TROWELING OF CONCRETE SO AS NOT TO FILL IN THESE JOINTS WITH CONCRETE CREAM. ANY CRACKS OUTSIDE OF JOINTS WHICH WERE CONSTRUCTED LESS THAN 1" DEEP, SHALL BE CAUSE FOR CONCRETE SLAB(S) TO BE REMOVED AND REPLACE AT CONTRACTORS EXPENSE.
- ANY SCREED BOARDS SET WITHIN CONCRETE SLABS SHALL BE AN "OVERHEAD SCREED" SO THERE IS NO INTERFERENCE WITH THE PLACEMENT AND ALIGNMENT OF SLAB REINFORCING.
- 3-1/2" FELT JOINTS WILL NOT BE ACCEPTED. PROVIDE A FULL 4" FELT JOINT FOR 4" SLAB CONSTRUCTION, AND A 6" FELT JOINT FOR A 6" SLAB CONSTRUCTION.
- SHOULD ANY SHRINKAGE CRACKS OCCUR OUTSIDE OF EITHER THE EXPANSION JOINTS OR CRACK CONTROL JOINTS, THEN THE CONCRETE SLAB SHALL BE SAWCUT AT THE NEAREST JOINTS ON EACH SIDE OF THE CRACK AND THE CONCRETE SECTION SHALL BE REMOVED AND REPLACED. NEW CONCRETE SHALL BE DOWELED INTO EXISTING CONCRETE PER DRAWING DETAIL.
- ALL AREAS DISTURBED BY GRADING OPERATIONS WHETHER SHOWN ON THE DRAWINGS OR NOT SHALL BE HYDROSEED UNLESS OTHERWISE NOTED. HYDRO SEEDING SHALL CONFORM TO LOCAL CITY/COUNTY STANDARDS.
- REPAIR OR PATCHING OF GALVANIZED METALS, SUCH AS AFTER WELDING GALVANIZED COMPONENTS, SHALL BE MADE USING A ZINC COMPOSITION "HOT STICK" APPLICATION PER ASTM A 780-01. GALVANIZING PAINTS WILL NOT BE ALLOWED.



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DATE: 02/08/2023



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Ren.: 9/30/23
STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
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No. C74690
Ren.: 9/30/23
STATE OF CALIFORNIA

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REVISION HISTORY

NO.	REMARKS	DATE

DRAWING STATUS

DSA PLAN CHECK DATE: 02.07.2023
 DSA BACK CHECK
 BIDDING
 CONSTRUCTION

KEY PLAN

Sacramento Unified School District
425 1st AVENUE
SACRAMENTO, CA 95818

CONSTRUCTION DOCUMENTS

SCUSD Bret Harte ES
Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement
2751 9th Avenue
Sacramento, CA 95818

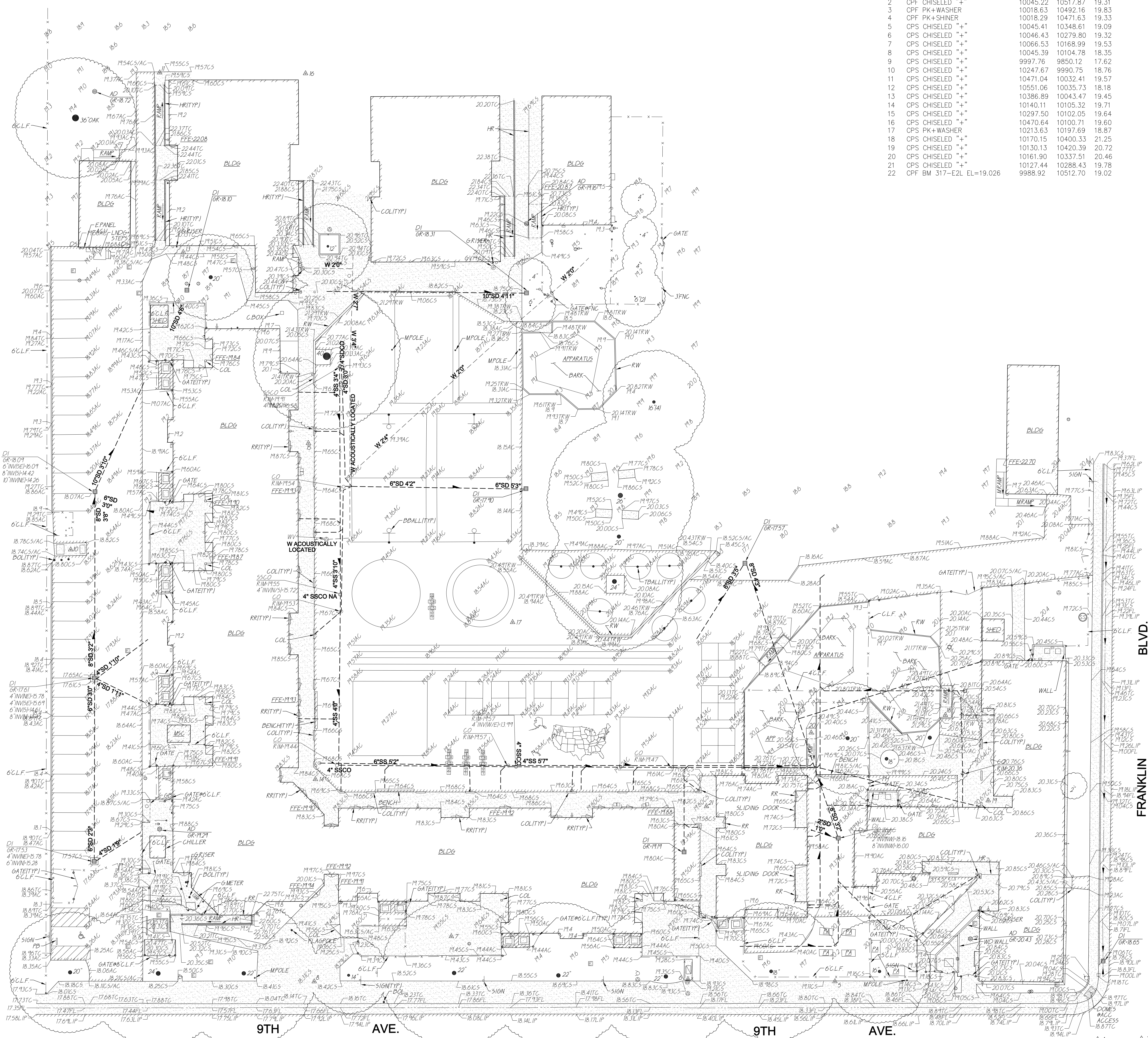
CIVIL GENERAL NOTES AND ABBREVIATIONS

CIVIL SHEET INDEX

C0.1	-	CIVIL GENERAL NOTES AND ABBREVIATIONS
C0.2	-	TOPOGRAPHIC SURVEY
C0.3	-	UTILITY SURVEY
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C1.2	-	UTILITY DEMOLITION PLAN
C1.3	-	ENGINEERED FILL PLAN
C2.1	-	GRADING PLAN
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C5.1	-	STRIPING PLAN
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C7.3	-	DETAILS AND SECTIONS

Date 01/24/2023	Project Number 22035
Scale AS SHOWN	Drawing Number
Drawn AT	Checked AT

C0.1



TBM LIST

NUMBER	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	OPS CHISELED "+"	10002.22	10002.41	17.87
2	OPF CHISELED "+"	10045.22	10517.87	19.31
3	OPF PK+WASHER	10018.63	10492.16	19.83
4	OPF PK+SHINER	10018.29	10471.63	19.33
5	OPS CHISELED "+"	10045.41	10348.61	19.09
6	OPS CHISELED "+"	10046.43	10279.80	19.32
7	OPS CHISELED "+"	10066.53	10168.99	19.53
8	OPS CHISELED "+"	10045.39	10104.78	18.35
9	OPS CHISELED "+"	9997.76	9850.12	17.62
10	OPS CHISELED "+"	10247.67	9990.75	18.76
11	OPS CHISELED "+"	10471.04	10032.41	19.57
12	OPS CHISELED "+"	10551.06	10035.73	18.18
13	OPS CHISELED "+"	10386.89	10043.47	19.45
14	OPS CHISELED "+"	10140.11	10105.32	19.71
15	OPS CHISELED "+"	10297.50	10102.05	19.64
16	OPS CHISELED "+"	10470.64	10100.71	19.60
17	OPS PK+WASHER	10213.63	10197.69	18.87
18	OPS CHISELED "+"	10170.15	10400.33	21.25
19	OPS CHISELED "+"	10130.13	10420.39	20.72
20	OPS CHISELED "+"	10161.90	10337.51	20.46
21	OPS CHISELED "+"	10127.44	10288.43	19.78
22	OPF BM 317-E2L EL=19.026	9988.92	10512.70	19.02

ABBREVIATIONS

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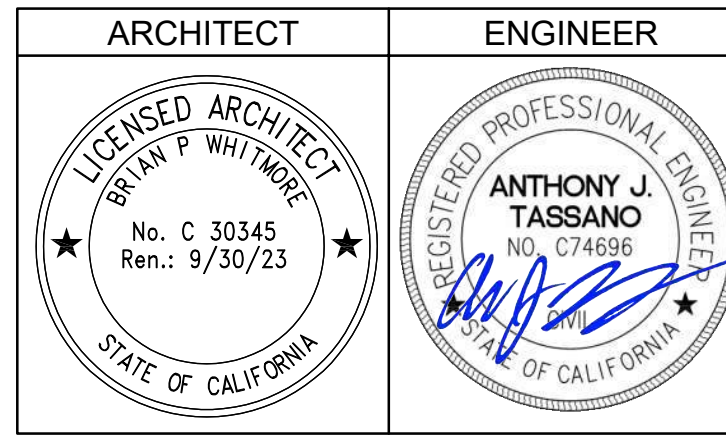
??	UNKNOWN	ICV	IRRIGATION CONTROL VALVE
AC	ASPHALTIC CONCRETE	IRV	PIPE INVERT ELEVATION
ACC	ACCESSIBLE	IRR	IRRIGATION
ACU	AIR CONDITIONING UNIT	JP	JOINT UTILITY POLE
AD	AREA DRAIN	JT	JOINT TRENCH
APN	ASSESSOR'S PARCEL NUMBER	LF	LINEAL FEET
APP	APPARATUS	LNDC	LANDING
5	OPS CHISELED "+"	LVE	LOW VOLTAGE ELECTRIC
6	OPS CHISELED "+"	LW	MANHOLE
7	OPS CHISELED "+"	MH	MANHOLE
8	OPS CHISELED "+"	MS	MOW STRIP
9	OPS CHISELED "+"	MSC	METAL STORAGE CONTAINER
10	OPS CHISELED "+"	NTS	NOT TO SCALE
11	OPS CHISELED "+"	OH	OVERHEAD
12	OPS CHISELED "+"	OHANG	OVERHEAD
13	OPS CHISELED "+"	OP	OPEN IRON PIPE
14	OPS CHISELED "+"	OSPH	OLD STEEL POST HOLE
15	OPS CHISELED "+"	P/L	PROPERTY LINE
16	OPS CHISELED "+"	PA	PLANTER AREA
17	OPS CHISELED "+"	PB	PARKING BUMPER
18	OPS CHISELED "+"	PH	POSTHOLE
19	OPS CHISELED "+"	PIV	POST INDICATOR VALVE
20	OPS CHISELED "+"	PP	POWER POLE
21	OPS CHISELED "+"	PRK	PARKING
22	OPS CHISELED "+"	PUE	PUBLIC UTILITY EASEMENT
		R	RUBBER
		RG	ROLLING GATE
		RM	MANHOLE RIM ELEVATION
		ROW	RIGHT OF WAY
		RUB	RUBBER RAMP
		RW	RETAINING WALL
		RWL	RAIN WATER LEADER
		SD	STORM DRAIN
		SDM	STORM DRAIN MANHOLE
		SDM	SIGNAL
		SL	STREET LIGHT
		SLB	STREET LIGHT BOX
		SS	SANITARY SEWER
		SSCO	SANITARY SEWER CLEANOUT
		SSM	SANITARY SEWER MANHOLE
		STD	STANDARD
		STL	STEEL
		T	TELEPHONE
		TBALL	TETHER BALL POLE
		TM	TEMPORARY BENCHMARK
		TC	TOP OF CURB
		FDC	FIRE DEPARTMENT CONNECTION
		FL	FIRE LINE
		FT	FIRE HYDRANT
		FD	FLOWLINE
		FO	FIBER OPTIC
		FS	FIRE SERVICE
		GS	GAS
		GB	GRADE BREAK
		GR	GRATE
		GRB	GROUND ROD BOX
		GRD	GRADE ELEVATION
		GRDD	GROUND ROD
		GV	GAS VALVE
		HB	HOSE BIBB
		HBD	HEADER BOARD
		HP	HIGH PRESSURE
		HR	HANDRAIL
		HVE	HIGH VOLTAGE ELECTRIC
		ICP	IRRIGATION CONTROL PANEL

EXISTING TOPOGRAPHY

---	PROPERTY LINE
---	CENTERLINE
---	EASEMENT
+	PROPERTY CORNER FOUND AS NOTED
+	PROPERTY CORNER NOTHING FOUND OR SET
+	TEMPORARY BENCHMARK (SEE TBM LIST FOR INFO)
---	SWALE OR DRAINAGE FLOW
---	DRAINAGE FLOW
---	FENCE (TYPE NOTED)
○	TREE (SIZE/TYPE INDICATED)
---	SLOPE
---	CONTOUR
---	CONCRETE SURFACE
---	EDGE OF ASPHALT
---	EDGE OF BUILDING
+	SIGN
+	POST OR BOLLARD
+	GROUND ELEVATION
+	HARD SURFACE ELEVATION



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REVISION HISTORY

NO.	REMARKS	DATE

DRAWING STATUS

<input checked="" type="checkbox"/>	DSA PLAN CHECK	DATE: 02/07/2023
<input type="checkbox"/>	DSA BACK CHECK	
<input type="checkbox"/>	BIDDING	
<input type="checkbox"/>	CONSTRUCTION	

KEY PLAN

Sacramento Unified School
District
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SACRAMENTO, CA 95818

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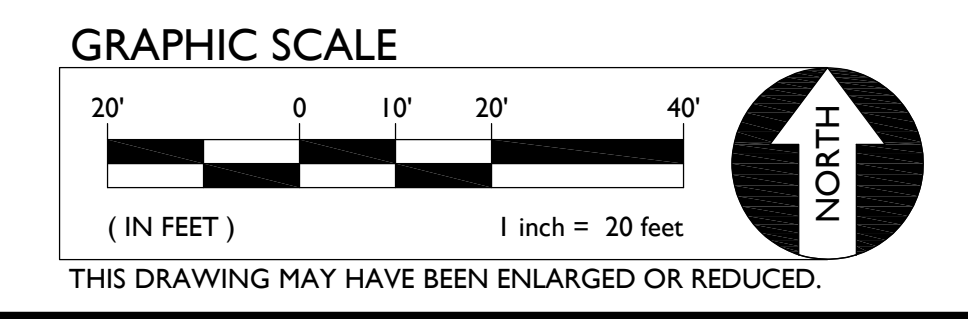
TOPOGRAPHIC SURVEY

F.E.M.A. INFORMATION:
THE SUBJECT PROPERTY IS LOCATED IN "ZONE X (SHADED)"--AREA OF REDUCED FLOOD RISK DUE TO "LEVEL" PER FLOOD INSURANCE RATE MAP 06067C0190H DATED AUGUST 16, 2012.

BASIS OF BEARINGS:
ASSUMED
NOTE: EXISTING UTILITIES BASED ON VISIBLE SURFACE STRUCTURES AND UG LOCATING BY SUBTERR.

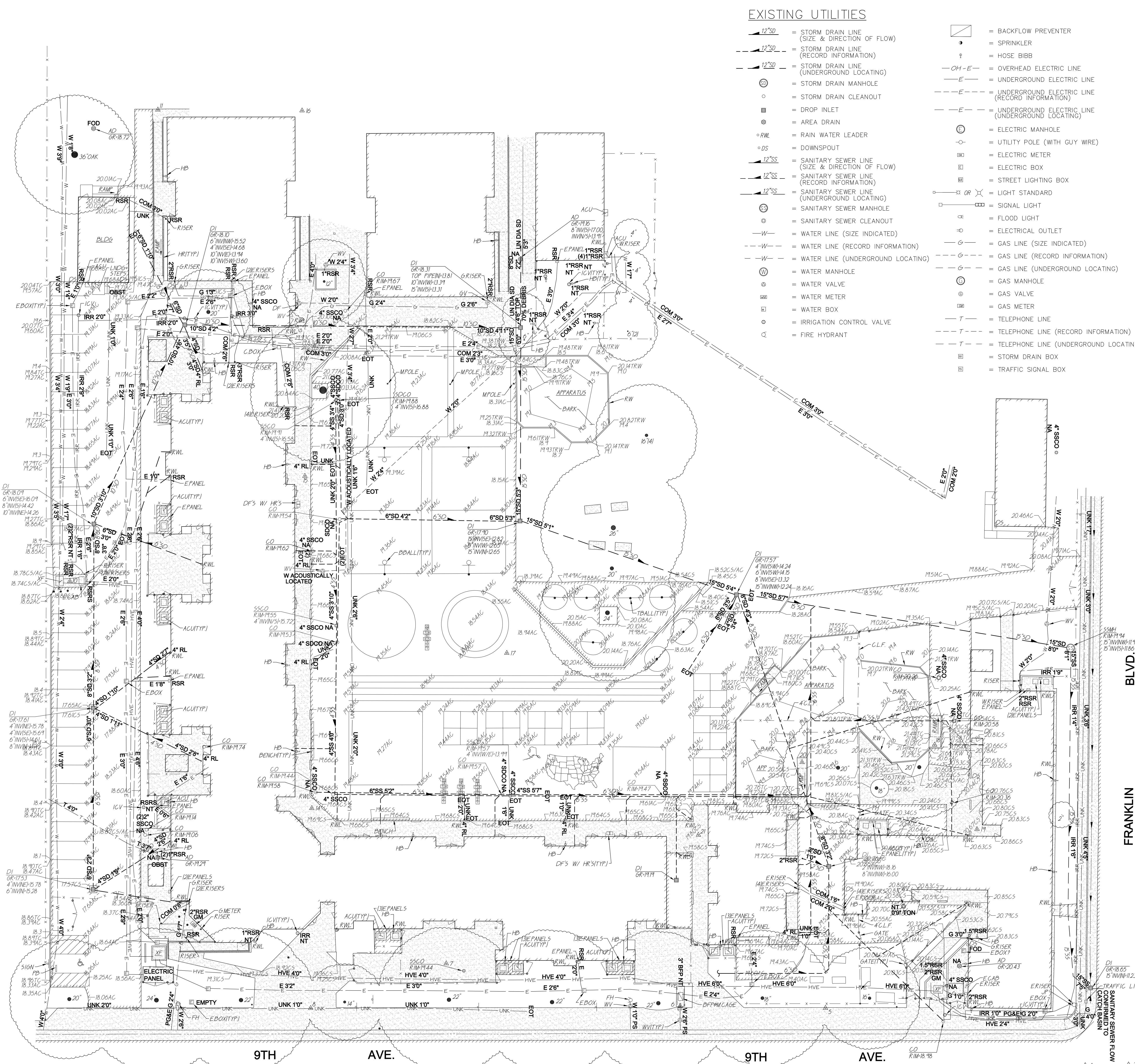
A.P.N. 013-0273-001
BENCHMARK NO. BM 317-E2L **ELEV.** 19.026

RAMSET NAIL IN BASE OF POWER POLE SE CORNER FRANKLIN BLVD AND 9TH AVE.



Date: 01/24/2023
Scale: AS SHOWN
Drawn: AT
Checked: AT

Project Number: 22035
Drawing Number: **C0.2**



EXISTING UTILITIES

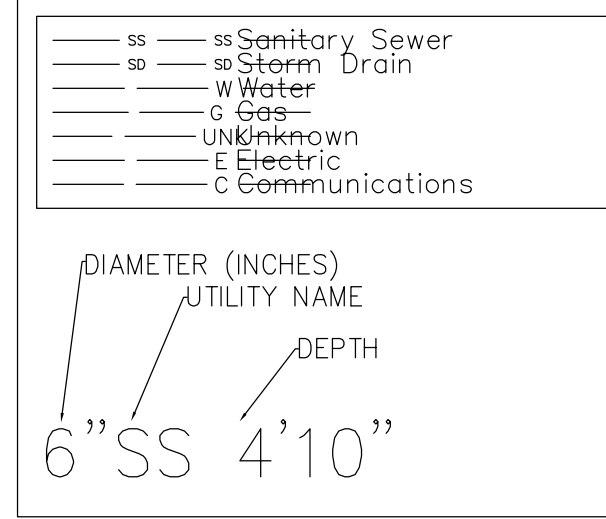
- 12"SD = STORM DRAIN LINE (SIZE & DIRECTION OF FLOW)
- 12"SD = STORM DRAIN LINE (RECORD INFORMATION)
- 12"SD = STORM DRAIN LINE (UNDERGROUND LOCATING)
- ⊙ = STORM DRAIN MANHOLE
- = STORM DRAIN CLEANOUT
- = DROP INLET
- = AREA DRAIN
- = RAIN WATER LEADER
- = DOWNSPOUT
- 12"SS = SANITARY SEWER LINE (SIZE & DIRECTION OF FLOW)
- 12"SS = SANITARY SEWER LINE (RECORD INFORMATION)
- 12"SS = SANITARY SEWER LINE (UNDERGROUND LOCATING)
- ⊙ = SANITARY SEWER MANHOLE
- ⊙ = SANITARY SEWER CLEANOUT
- = WATER LINE (SIZE INDICATED)
- = WATER LINE (RECORD INFORMATION)
- = WATER LINE (UNDERGROUND LOCATING)
- ⊙ = WATER MANHOLE
- ⊙ = WATER VALVE
- ⊙ = WATER METER
- ⊙ = WATER BOX
- ⊙ = IRRIGATION CONTROL VALVE
- ⊙ = FIRE HYDRANT
- ⊙ = BACKFLOW PREVENTER
- ⊙ = SPRINKLER
- ⊙ = HOSE BIBB
- OH—E— = OVERHEAD ELECTRIC LINE
- E— = UNDERGROUND ELECTRIC LINE (RECORD INFORMATION)
- E— = UNDERGROUND ELECTRIC LINE (UNDERGROUND LOCATING)
- ⊙ = ELECTRIC MANHOLE
- ⊙ = UTILITY POLE (WITH GUY WIRE)
- ⊙ = ELECTRIC METER
- ⊙ = ELECTRIC BOX
- ⊙ = STREET LIGHTING BOX
- ⊙ = SIGNAL LIGHT
- ⊙ = FLOOD LIGHT
- ⊙ = ELECTRICAL OUTLET
- ⊙ = GAS LINE (SIZE INDICATED)
- ⊙ = GAS LINE (RECORD INFORMATION)
- ⊙ = GAS LINE (UNDERGROUND LOCATING)
- ⊙ = GAS MANHOLE
- ⊙ = GAS VALVE
- ⊙ = GAS METER
- T— = TELEPHONE LINE
- T— = TELEPHONE LINE (RECORD INFORMATION)
- T— = TELEPHONE LINE (UNDERGROUND LOCATING)
- ⊙ = STORM DRAIN BOX
- ⊙ = TRAFFIC SIGNAL BOX

SUBTRONIC NOTES:

Not all utilities may be shown. Utility vault & sanitary/storm structure dimensions may not be fully represented. Some laterals were not accessible & were therefore not located. Depths shown are to center of conductive utility & are generally +/-10% of actual depth, when not distorted by adjacent conductors. Accuracy of electronic depth decreases when adjacent utilities are located within 5 ft. Critical depths require verification by potholing. Sanitary & storm depths are measured from rim to invert level.

Basis of Bearings: Survey based on coordinates provided by Warren Consulting Engineers, Inc. of CP11. CP11 is a cut cross. CP11 N=10471.041 E=10032.412.00 Bench Mark Datum: CP11=Dut Cross Elevation=19.57

LEGEND:



ABBREVIATIONS

AB	ABANDONED	IBX	IRRIGATION BOX
BA	BOX	IRC	IRRIGATION CONTROL
CA	COMPRESSED AIR	ICV	IRRIGATION CONTROL VALVE
CB	CATCH BASIN	IRR	IRRIGATION
CI	CAST IRON	JP	JOINT POLE
COM	COMMUNICATION	LV	LOW VOLTAGE
COMP	CORRUGATED METAL PIPE	MH	MANHOLE
CO	CLEAN OUT	NA	NOT ACCESSIBLE
CP	TEST CORROSION PROTECTION BOX	NL	NOT LOCATED
E	ELECTRIC	NT	NO TRACE
EOP	END OF PIPE	OE	OPEN END
EOT	END OF TRACE	OBST	OBSTRUCTED
FDC	FIRE DEPARTMENT CONNECTION	PED	PEDESTAL
FO	FIBER OPTIC	PIV	POST INDICATOR VALVE
FOD	FULL OF DIRT/DEBRIS	RF	RADIO FREQUENCY
FW	FIRE WATER	RCP	REINFORCED CONCRETE PIPE
G	GAS	RL	RAIN LEADER
GA	GAS ANODE	—RSR	— RISER
GBX	GAS BOX	SD	STORM DRAIN
GM	GAS METER	SIG	SIGNAL
GND	GROUND WIRE	SL	STREET LIGHT
GPR	GROUND PENETRATING RADAR	SS	SANITARY SEWER
GV	GAS VALVE	T	TELEPHONE
HVE	HIGH VOLTAGE	TOP	TOP OF PIPE
HYD	FIRE HYDRANT	TON	TOP OF VALVE NUT
		TR	TRAFFIC SIGNAL
		TRP	TRAFFIC SIGNAL POLE
		UN	UNKNOWN UTILITY
		WBX	WATER BOX
		WM	WATER METER
		WV	WATER VALVE

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No. C 30145
Ren: 9/30/23

ENGINEER: REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
ANTHONY J. TASSANO
No. C74899

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NO.	REMARKS	DATE

REVISION HISTORY

NO.	REVISION	DATE

DRAWING STATUS

DSA PLAN CHECK

DSA BACK CHECK

BIDDING

CONSTRUCTION

DATE: 02.07.2023

KEY PLAN

Sacramento Unified School District
425 1st AVENUE
SACRAMENTO, CA 95818

CONSTRUCTION DOCUMENTS

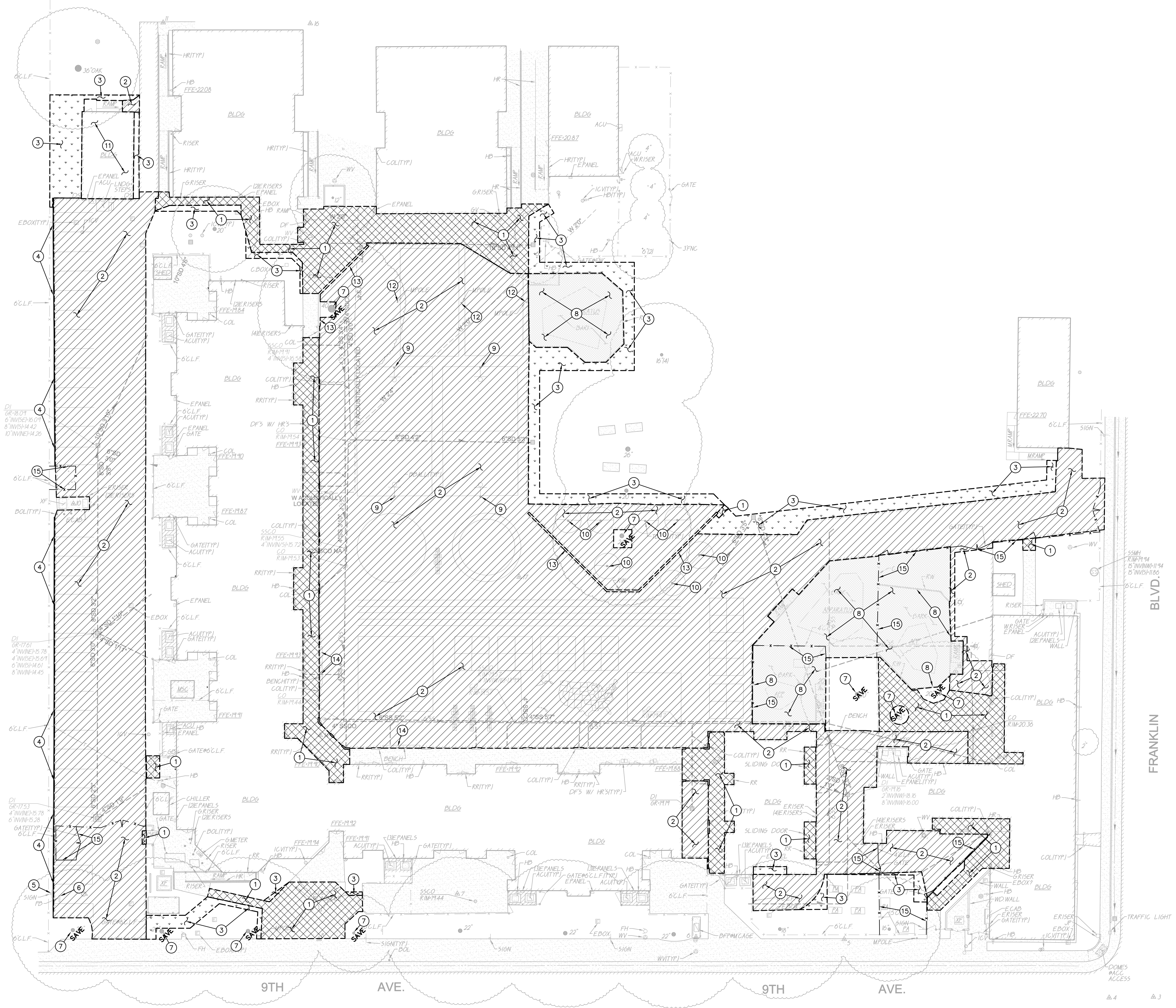
SCUSD Bret Harte ES
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UTILITY SURVEY

GRAPHIC SCALE

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

Date	01/24/2023	Project Number	22035
Scale	AS SHOWN	Drawing Number	C0.3
Drawn	AT	Checked	AT

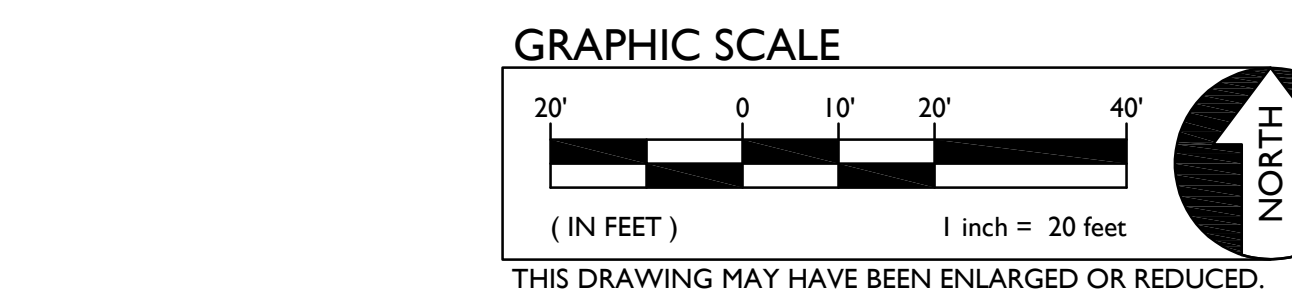


DEMOLITION GENERAL NOTES

- REFER TO ARCHITECTURAL, LANDSCAPE, ELECTRICAL AND PLUMBING PLANS FOR ADDITIONAL DEMOLITION ITEMS.
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- ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
- ALL DEMOLISHED ITEMS SHALL BE DISPOSED OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
- ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
- THE SCHOOL DISTRICT SHALL HAVE SALVAGE RIGHTS TO ANY DEMOLISHED ITEMS SHOWN HEREON. THE CONTRACTOR SHALL GIVE THE DISTRICT NOTICE 7 DAYS PRIOR TO THE START OF DEMOLITION. THE DISTRICT SHALL MOVE ANY RETAINED ITEMS OUT OF THE CONTRACTORS WORK AREA, UNLESS ANOTHER ARRANGEMENT IS MADE WITH THE CONTRACTOR. ANY REMAINING ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ANY ITEMS NOT SHOWN FOR REMOVAL SHALL REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION TO A REASONABLE EXTEND.
- EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REPLACED WITH NEW BOX/COVER AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
- ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- EXISTING UTILITY STRUCTURES AND PIPING NOT SHOWN ON DEMOLITION PLAN TO BE REMOVED SHALL REMAIN AND BE PROTECTED.
- SAWCUTS AND SUBSEQUENT PATCH BEYOND OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND THE NEAREST LOCATION OF DEMOLITION AS SHOWN. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE, SHOW AND COORDINATE WITH EXISTING JOINTS, HOWEVER IF FIELD CONDITIONS ARE OTHERWISE, IT IS UNDERSTOOD TO REMOVE AND PATCH BACK TO THE NEAREST JOINTS BEYOND DEMOLITION.
- PRIOR TO THE START OF CONSTRUCTION, VERIFY AND POTHOLE ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.
- WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED, MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION.
- COORDINATE REMOVAL OF LANDSCAPE ITEMS WITH LANDSCAPE PLANS.

DEMOLITION NOTES

- SAWCUT, REMOVE AND DISPOSE OF EXISTING CONCRETE PAVING AND ASSOCIATED AGGREGATE BASE. SAWCUT SHALL BE A NEAT STRAIGHT LINE, MAINTAIN CLEAN, STRAIGHT CUT EDGE UNTIL NEW PAVING IS PLACED.
- SAWCUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVING AND ASSOCIATED AGGREGATE BASE. SAWCUT SHALL BE A NEAT STRAIGHT LINE, MAINTAIN CLEAN, STRAIGHT CUT EDGE UNTIL NEW PAVING IS PLACED.
- REMOVE AND DISPOSE OF EXISTING TURF AND ASSOCIATED IRRIGATION PIPING/SPRINKLERS WITHIN AREAS OF WORK. CUT AND CAP ANY MAINLINES NEAR WHERE THEY ENTER THE BOUNDARY OF THE PROJECT. MARK ALL CAPPED LINES WITH AN IRRIGATION VALVE BO. ALL EXISTING IRRIGATION AREAS OUTSIDE THE PROJECT WORK AREA SHALL BE MAINTAINED WITH PROPER SPRINKLER COVERAGE TO TURF AREAS TO REMAIN.
- REMOVE AND DISPOSE OF EXISTING CONCRETE CURB TO EXTENTS SHOWN.
- REMOVE AND DISPOSE OF EXISTING SIGN, POST AND ASSOCIATED FOOTINGS.
- REMOVE AND DISPOSE OF EXISTING WHEEL STOP.
- EXISTING TREE TO REMAIN AND BE PROTECTED.
- REMOVE AND DISPOSE OF EXISTING APPARATUS CURB, RAMP, BARK, PLAY APPARATUS, POSTS AND FOOTINGS.
- REMOVE AND DISPOSE OF EXISTING BASKETBALL POLE AND ASSOCIATED FOOTINGS.
- REMOVE AND DISPOSE OF EXISTING TETHERBALL POST AND FOOTINGS.
- REMOVE AND DISPOSE OF EXISTING PORTABLE BUILDING, FOUNDATION AND RAMPS. REMOVE UTILITIES BACK TO SERVICE POINT AND OUTSIDE LIMITS OF WORK.
- REMOVE AND DISPOSE OF EXISTING METAL POST AND FOOTINGS.
- EXISTING SEAT WALL TO REMAIN.
- REMOVE AND DISPOSE OF EXISTING BENCH.
- REMOVE AND DISPOSE OF EXISTING CHAIN LINK FENCE, GATE, POSTS AND ASSOCIATED FOOTINGS.



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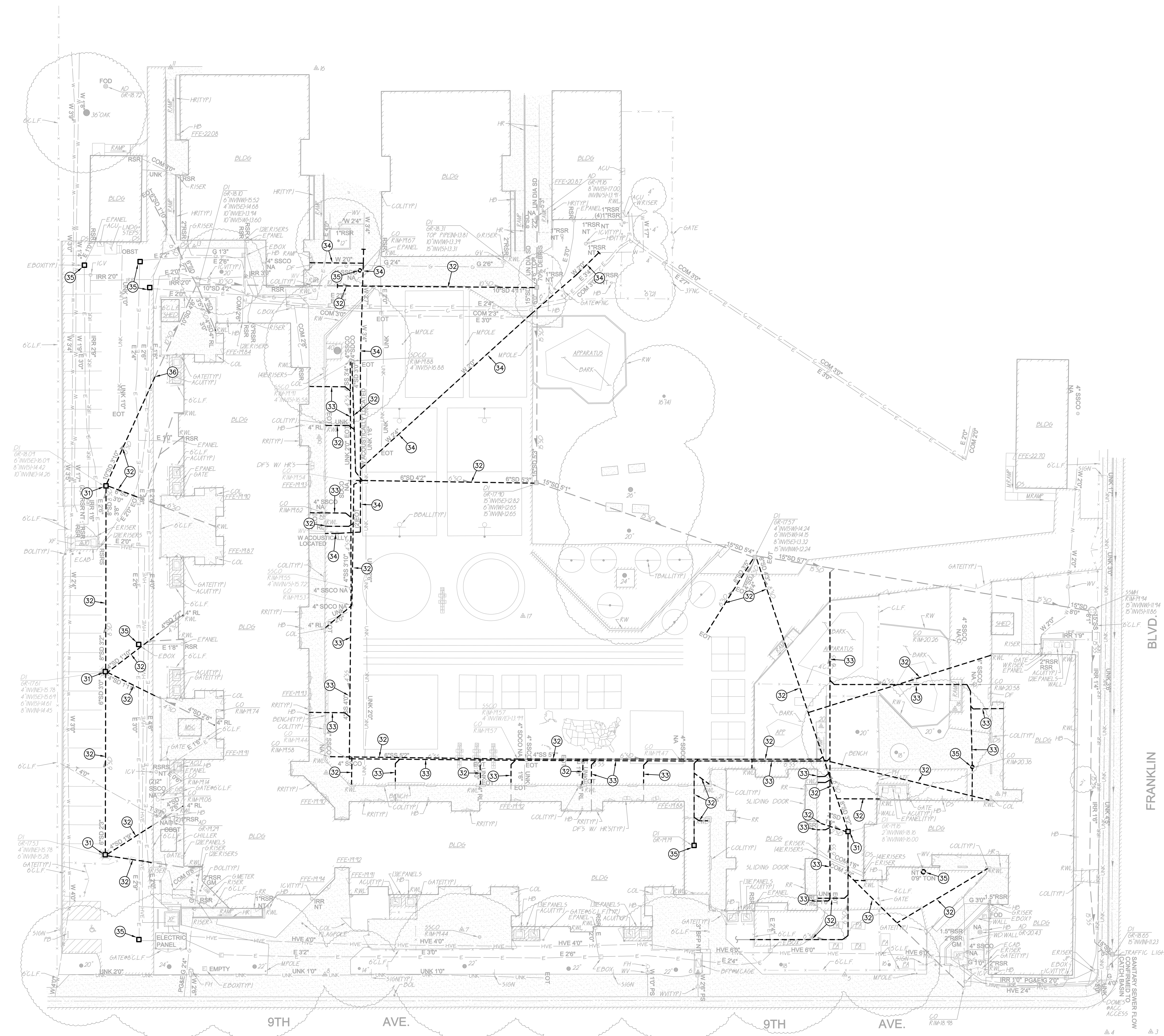
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KEY PLAN
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CONSTRUCTION DOCUMENTS
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DEMOLITION PLAN

Date: 01/24/2023
 Scale: AS SHOWN
 Drawn: AT
 Checked: AT
 Project Number: 22035
 Drawing Number: C1.1

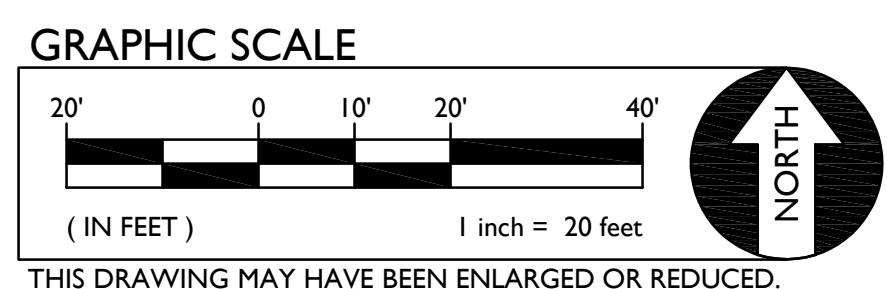


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- WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED. MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION.
- COORDINATE REMOVAL OF LANDSCAPE ITEMS WITH LANDSCAPE PLANS.

UTILITY DEMOLITION NOTES

- REMOVE AND DISPOSE OF EXISTING DRAINAGE STRUCTURE.
- REMOVE AND DISPOSE OF EXISTING STORM DRAIN TO EXTENT SHOWN.
- REMOVE AND DISPOSE OF EXISTING SEWER PIPE TO EXTENT SHOWN.
- REMOVE AND DISPOSE OF EXISTING WATER PIPE TO EXTENT SHOWN.
- REMOVE EXISTING UTILITY BOX AND/OR FRAME AND COVER AND PROVIDE NEW. NEW BOX SHALL BE SIMILAR IN SIZE, BUT WITH TRAFFIC RATING AND SLIP RESISTANT COVER.
- CAP END OF PIPE.



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NO.	REMARKS	DATE

REVISION HISTORY	DATE
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KEY PLAN

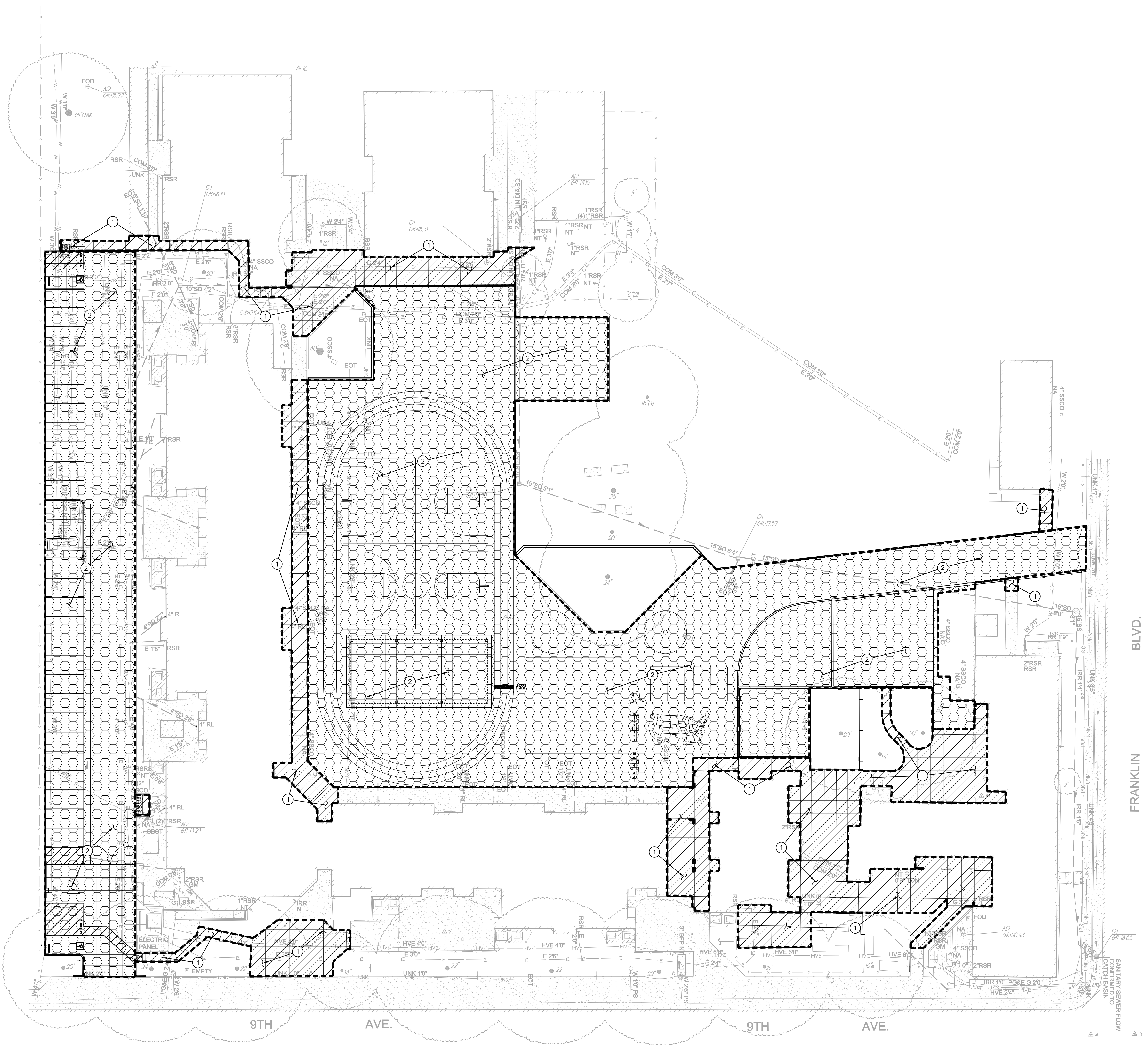
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CONSTRUCTION DOCUMENTS
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Sacramento, CA 95818

UTILITY DEMOLITION PLAN

Date 01/24/2023	Project Number 22035
Scale AS SHOWN	Drawing Number C1.2
Drawn AT	Checked AT



SUBGRADE PREPARATION

- 

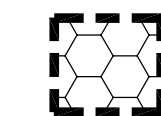
1. FOLLOWING SITE DEMOLITION ACTIVITIES:

FOR AREAS TO BE CUT TO ACHIEVE SUBGRADE, EXCAVATE DOWN TO ROUGH SUBGRADE ELEVATION, SCARIFY THE EXISTING SOILS TO A MINIMUM DEPTH OF 12 INCHES AND UNIFORMLY MOISTURE CONDITION TO AT LEAST 2 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT AND COMPACT TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557.

FOR AREAS TO BE FILLED TO ACHIEVE SUBGRADE, SCARIFY EXPOSED SOILS TO A MINIMUM DEPTH OF 12 INCHES AND UNIFORMLY MOISTURE CONDITION TO AT LEAST 2 PERCENT ABOVE OPTIMUM MOISTURE CONTENT AND COMPACT TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557. FILL MATERIAL SHALL BE PLACED IN LEVEL LAYERS NOT EXCEEDING 6 INCHES IN COMPACTED THICKNESS. FILL SHALL BE COMPACTED TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557.

THE UPPER 6 INCHES OF SUBGRADE SUPPORTING ASPHALT PAVING SHALL BE COMPACTED TO 95 PERCENT OF THE MAXIMUM DRY DENSITY.

SUBGRADE PREPARATION SHALL EXTEND AT LEAST 2 FEET BEYOND EDGE OF PROPOSED ASPHALT AND CONCRETE PAVING WHEN NOT ABUTTING EXISTING PAVING.

- 

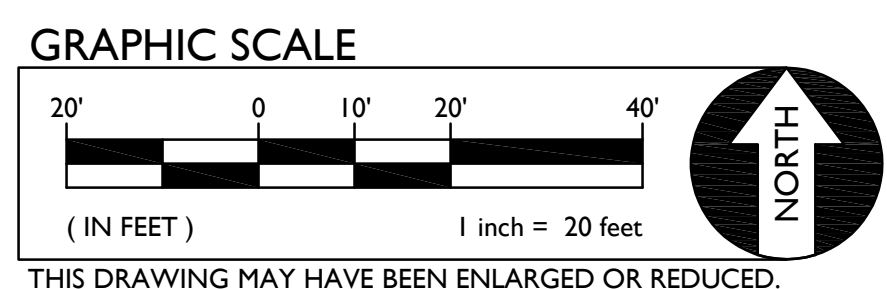
2. FOLLOWING SITE CLEARING, STRIPPING AND DEMOLITION ACTIVITIES:

EXCAVATE DOWN TO ROUGH SUBGRADE ELEVATION, SCARIFY THE EXISTING SOILS TO A MINIMUM DEPTH OF 12 INCHES.

THE UPPER 12 INCHES OF PROPOSED SUBGRADE SHALL BE TREATED WITH 5.0 POUNDS OF LIME PER CUBIC FOOT (BY DRY WEIGHT OF SOIL) AND COMPACTED TO AT LEAST 95 PERCENT RELATIVE COMPACTION AT A MOISTURE CONTENT OF AT LEAST 2 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT.

GENERAL NOTES

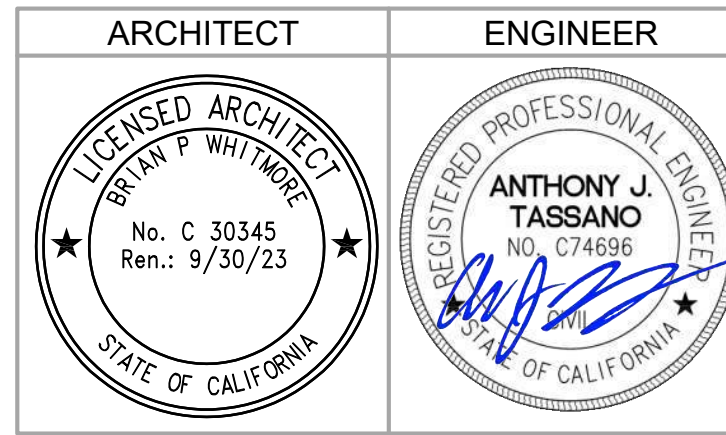
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- NO BURNING SHALL BE PERMITTED.
- THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLAN WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY THE DISTRICT TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK IN ORDER TO VERIFY TO THE GREATEST EXTENT POSSIBLE THE EXISTING UTILITY LINES, CONFLICTS AND PROPOSED UTILITY CONNECTION POINTS.



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DATE: 02.07.2023

KEY PLAN

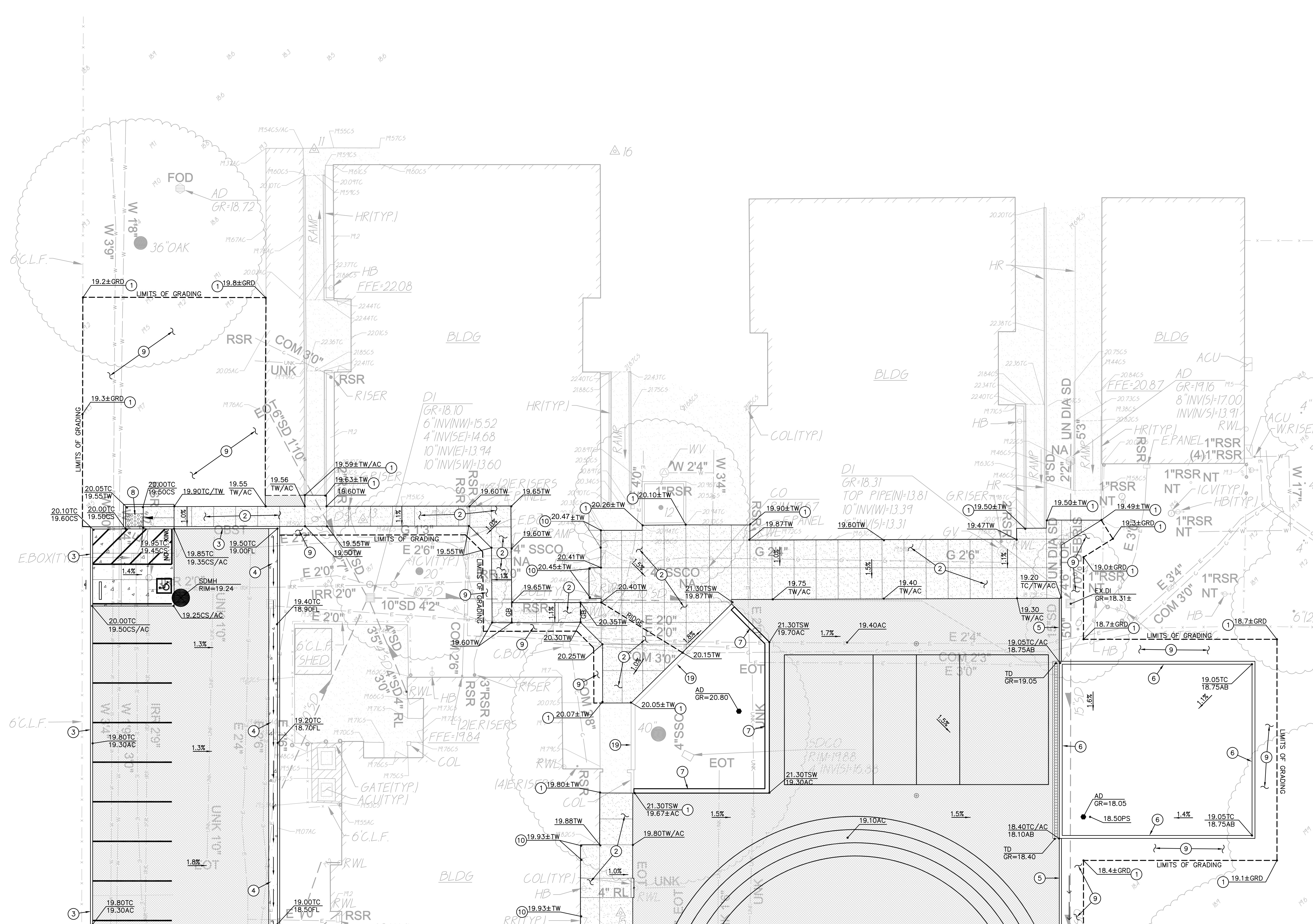
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CONSTRUCTION DOCUMENTS

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ENGINEERED FILL PLAN

Date: 01/24/2023
 Project Number: 22035
 Scale: AS SHOWN
 Drawing Number: **C1.3**
 Drawn: AT
 Checked: AT



- GRADING NOTES**
1. MATCH EXISTING GRADE/ELEVATION.
 2. CONSTRUCT CONCRETE SIDEWALK PER $\text{\textcircled{1}}$ C7.1
 3. CONSTRUCT CONCRETE CURB PER $\text{\textcircled{2}}$ C7.1
 4. CONSTRUCT CONCRETE CURB AND GUTTER PER $\text{\textcircled{3}}$ C7.1
 5. CONSTRUCT FLUSH CONCRETE CURB PER $\text{\textcircled{9}}$ C7.1
 6. CONSTRUCT 8" WIDE APPARATUS CURB PER $\text{\textcircled{10}}$ C7.1
 7. CONSTRUCT CONCRETE SEAT WALL PER $\text{\textcircled{8}}$ C7.1
 8. CONSTRUCT ACCESSIBLE CURB RAMP PER $\text{\textcircled{6}}$ C7.1
 9. TURF DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED WITH AN APPROVED SOD MIX.
 10. PROPOSED SIDEWALK ELEVATION SHALL NOT BE MORE THAN 1/4" BELOW EXISTING FINISH FLOOR ELEVATION.
 19. SACK AND PATCH EXISTING SEAT WALL, TYP.

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ARCHITECT	ENGINEER

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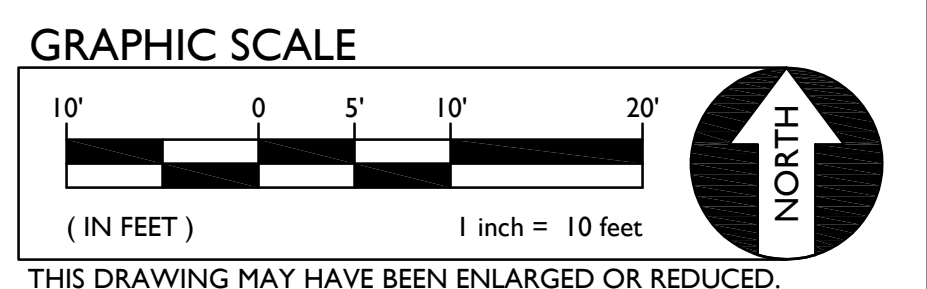
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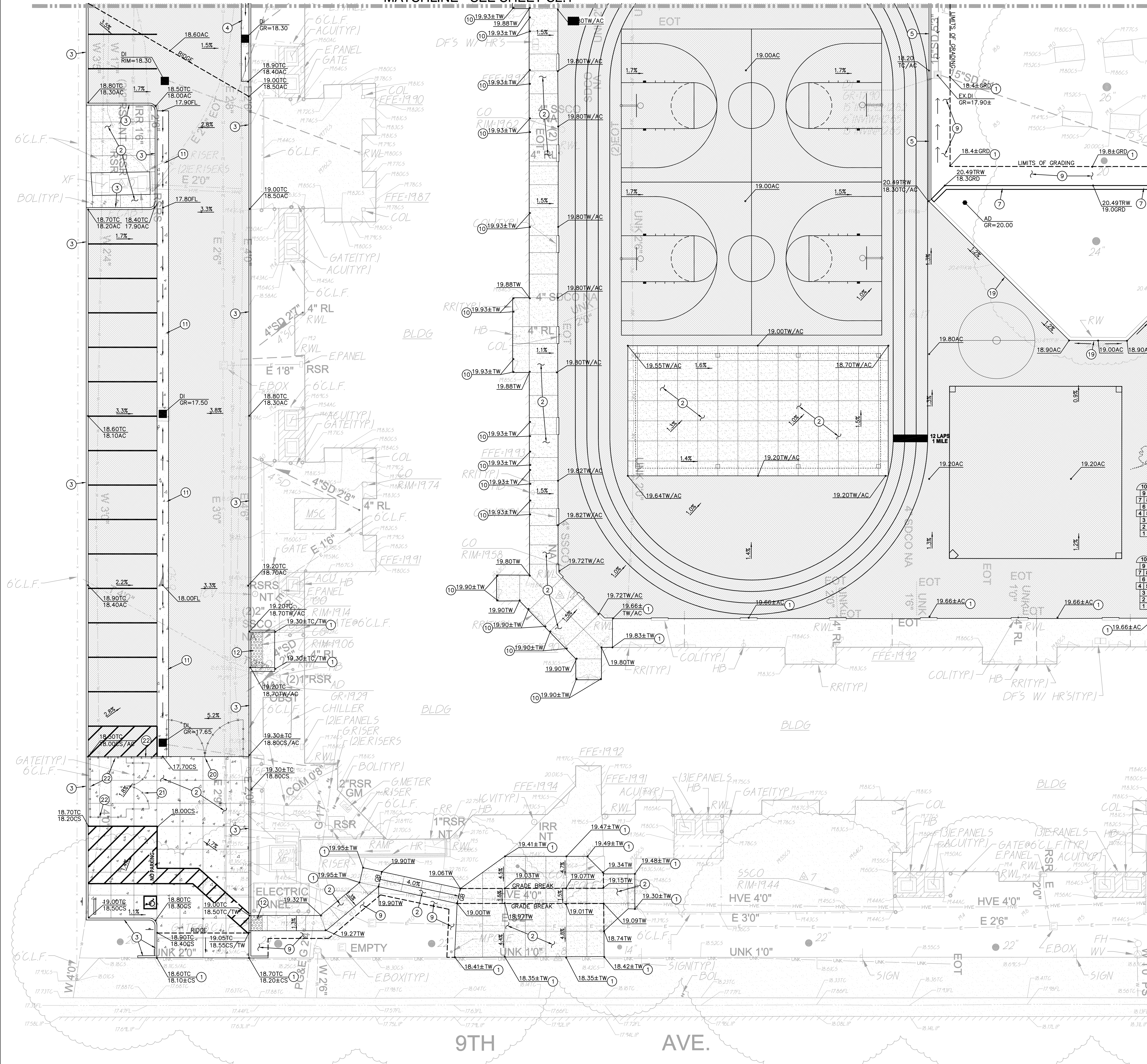
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GRADING PLAN

Date: 01/24/2023	Project Number: 22035
Scale: AS SHOWN	Drawing Number: C2.1
Drawn: AT	Checked: AT





MATCHLINE - SEE SHEET C2.2

GRADING NOTES

- MATCH EXISTING GRADE/ELEVATION.
- CONSTRUCT CONCRETE SIDEWALK PER C7.1
- CONSTRUCT CONCRETE CURB PER C7.1
- CONSTRUCT CONCRETE CURB AND GUTTER PER C7.1
- CONSTRUCT FLUSH CONCRETE CURB PER C7.1
- CONSTRUCT CONCRETE SEAT WALL PER C7.1
- TURF DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED WITH AN APPROVED SOO MIX.
- PROPOSED SIDEWALK ELEVATION SHALL NOT BE MORE THAN 1/4" BELOW EXISTING FINISH FLOOR ELEVATION.
- CONSTRUCT CONCRETE VALLEY GUTTER PER C7.1
- PLACE TRUNCATED DORIES PER C7.1
- SACK AND PATCH EXISTING SEAT WALL, TYP.
- PROVIDE 20 FT WIDE, 72" TALL GALVANIZED MAINTENANCE GATE WITH BROWN SLATS PER C7.2
- PROVIDE 12 FT WIDE, 72" TALL GALVANIZED MAINTENANCE GATE WITH BROWN SLATS PER C7.2
- PROVIDE 6 FT TALL CALV. CHAIN LINK FENCE AND POSTS WITH BROWN PRIVACY SLATS. C7.1

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No. C74690

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NO.	REMARKS	DATE

DRAWING STATUS	DATE
<input checked="" type="checkbox"/> DSA PLAN CHECK	02.07.2023
<input type="checkbox"/> DSA BACK CHECK	
<input type="checkbox"/> BIDDING	
<input type="checkbox"/> CONSTRUCTION	

KEY PLAN

Sacramento Unified School District
425 1st AVENUE
SACRAMENTO, CA 95818

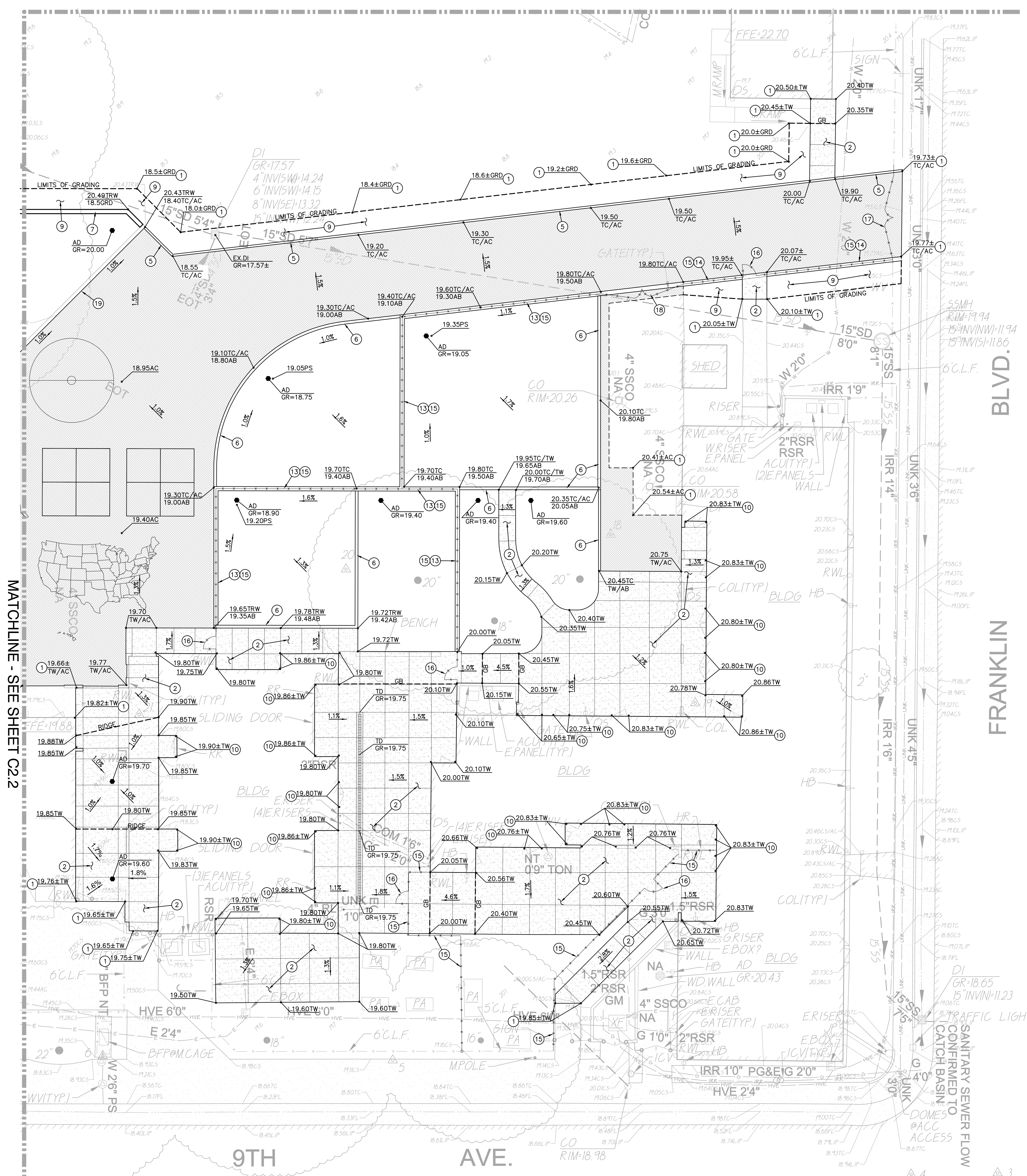
CONSTRUCTION DOCUMENTS
SCUSD Bret Harte ES
Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement
2751 9th Avenue
Sacramento, CA 95818

GRADING PLAN

GRAPHIC SCALE
0 5' 10' 20'
(IN FEET) 1 inch = 10 feet

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

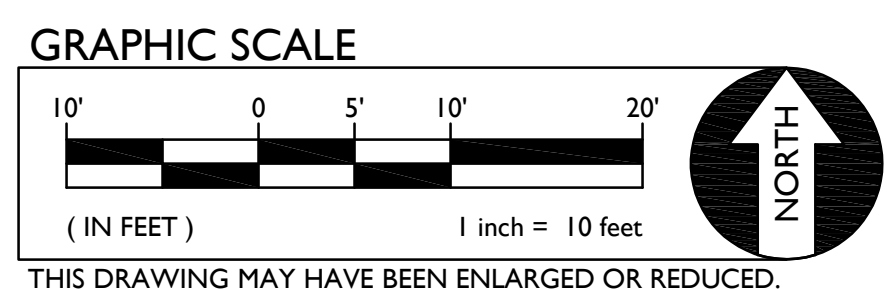
Date	01/24/2023	Project Number	22035
Scale	AS SHOWN	Drawing Number	C2.2
Drawn	AT	Checked	AT



MATCHLINE - SEE SHEET C2.2

GRADING NOTES

1. MATCH EXISTING GRADE/ELEVATION.
2. CONSTRUCT CONCRETE SIDEWALK PER (1) C7.1
5. CONSTRUCT FLUSH CONCRETE CURB PER (9) C7.1
6. CONSTRUCT 8" WIDE APPARATUS CURB PER (10) C7.1
7. CONSTRUCT CONCRETE SEAT WALL PER (8) C7.1
9. TURF DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED WITH AN APPROVED SOD MIX.
10. PROPOSED SIDEWALK ELEVATION SHALL NOT BE MORE THAN 1/4" BELOW EXISTING FINISH FLOOR ELEVATION.
13. CONSTRUCT 12" WIDE APPARATUS CURB WITH FENCE PER (11) C7.1 (13) C7.2
14. CONSTRUCT 12" WIDE CONCRETE CURB WITH FENCE PER (12) C7.1
15. PROVIDE 4 FT TALL BLACK VINYL CHAIN LINK FENCE AND POSTS. POSTS AND RAILS TO BE POWDER COATED. FABRIC TO BE 9 GA. 2" MESH. SEE SPECIFICATION 323113.
16. PROVIDE 3 FT WIDE ACCESSIBLE GATE PER (13) C7.1
17. PROVIDE 20 FT WIDE, 72" TALL MAINTENANCE GATE PER (11) C7.2 (12) C7.2
18. PROVIDE 20 FT WIDE, 48" TALL MAINTENANCE GATE PER PROVIDE KNOX BOX AND LOCK.
19. SACK AND PATCH EXISTING SEAT WALL, TYP.



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ARCHITECT 	ENGINEER
---------------	--------------

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DATE	02.07.2023
DRAWING STATUS	<input checked="" type="radio"/> DSA PLAN CHECK <input type="radio"/> DSA BACK CHECK <input type="radio"/> BIDDING <input type="radio"/> CONSTRUCTION

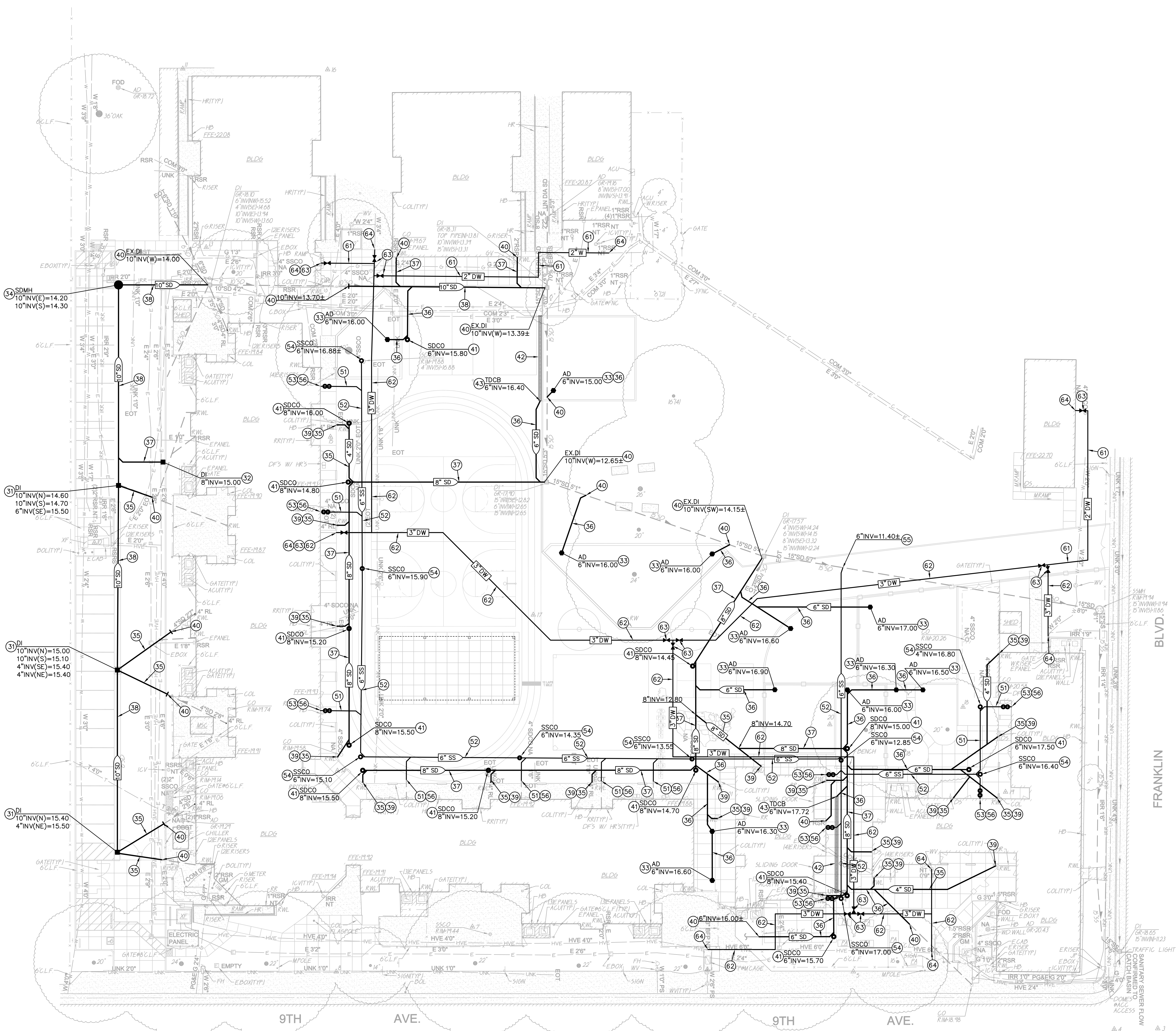
KEY PLAN	

Sacramento Unified School District
425 1st AVENUE
SACRAMENTO, CA 95818

CONSTRUCTION DOCUMENTS
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GRADING PLAN

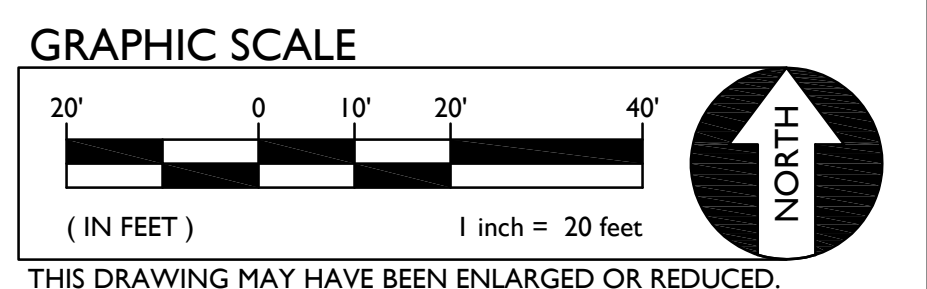
Date	01/24/2023	Project Number	22035
Scale	AS SHOWN	Drawing Number	C2.3
Drawn	AT	Checked	AT



- DRAINAGE NOTES**
31. CONSTRUCT DROP INLET PER C7.2
 32. CONSTRUCT CURB INLET PER C7.2
 33. CONSTRUCT AREA DRAIN PER C7.2
 34. CONSTRUCT STORM DRAIN MANHOLE PER C7.2
 35. PLACE 4\"/> STORM DRAIN PER C7.2
 36. PLACE 6\"/> STORM DRAIN PER C7.2
 37. PLACE 8\"/> STORM DRAIN PER C7.2
 38. PLACE 10\"/> STORM DRAIN PER C7.2
 39. PROVIDE DOWNSPOUT CONNECTION PER C7.2
 40. CONNECT TO EXISTING STORM DRAIN. FIELD VERIFY EXACT DEPTH, LOCATION AND CONDITION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
 41. CONSTRUCT STORM DRAIN CLEANOUT PER C7.2
 42. CONSTRUCT TRENCH DRAIN PER C7.2
 43. CONSTRUCT TRENCH DRAIN CATCH BASIN PER C7.2

- SEWER NOTES**
51. PLACE 4\"/> SEWER PER C7.2
 52. PLACE 6\"/> SEWER PER C7.2
 53. CONSTRUCT 2-WAY SEWER CLEANOUT PER C7.2
 54. CONSTRUCT SEWER CLEANOUT PER C7.2
 55. CONNECT TO EXISTING SEWER. FIELD VERIFY EXACT DEPTH, LOCATION AND CONDITION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
 56. CONNECT TO BUILDING SEWER SERVICE. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.

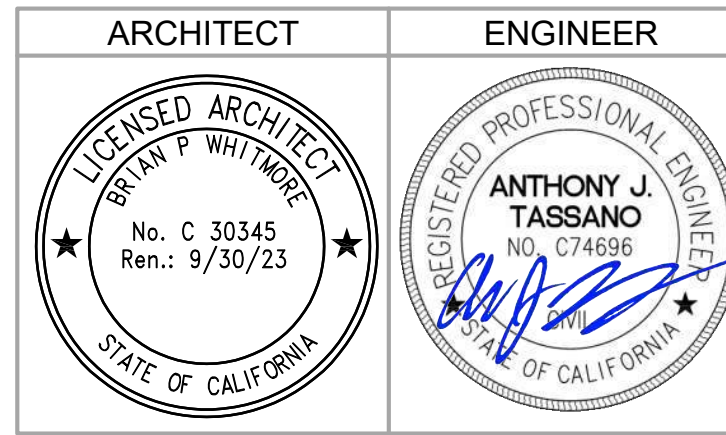
- WATER NOTES**
61. PLACE 2\"/> WATER PER C7.2
 62. PLACE 3\"/> WATER PER C7.2
 63. PLACE GATE VALVE AND VALVE BOX. SIZE TO MATCH LINE SIZE. C7.2
 64. CONNECT TO EXISTING WATER. FIELD VERIFY EXACT DEPTH, LOCATION AND CONDITION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.



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NO.	REMARKS	DATE

REVISION HISTORY

DATE: 02.07.2023

DSA PLAN CHECK
 DSA BACK CHECK
 BIDDING
 CONSTRUCTION

KEY PLAN

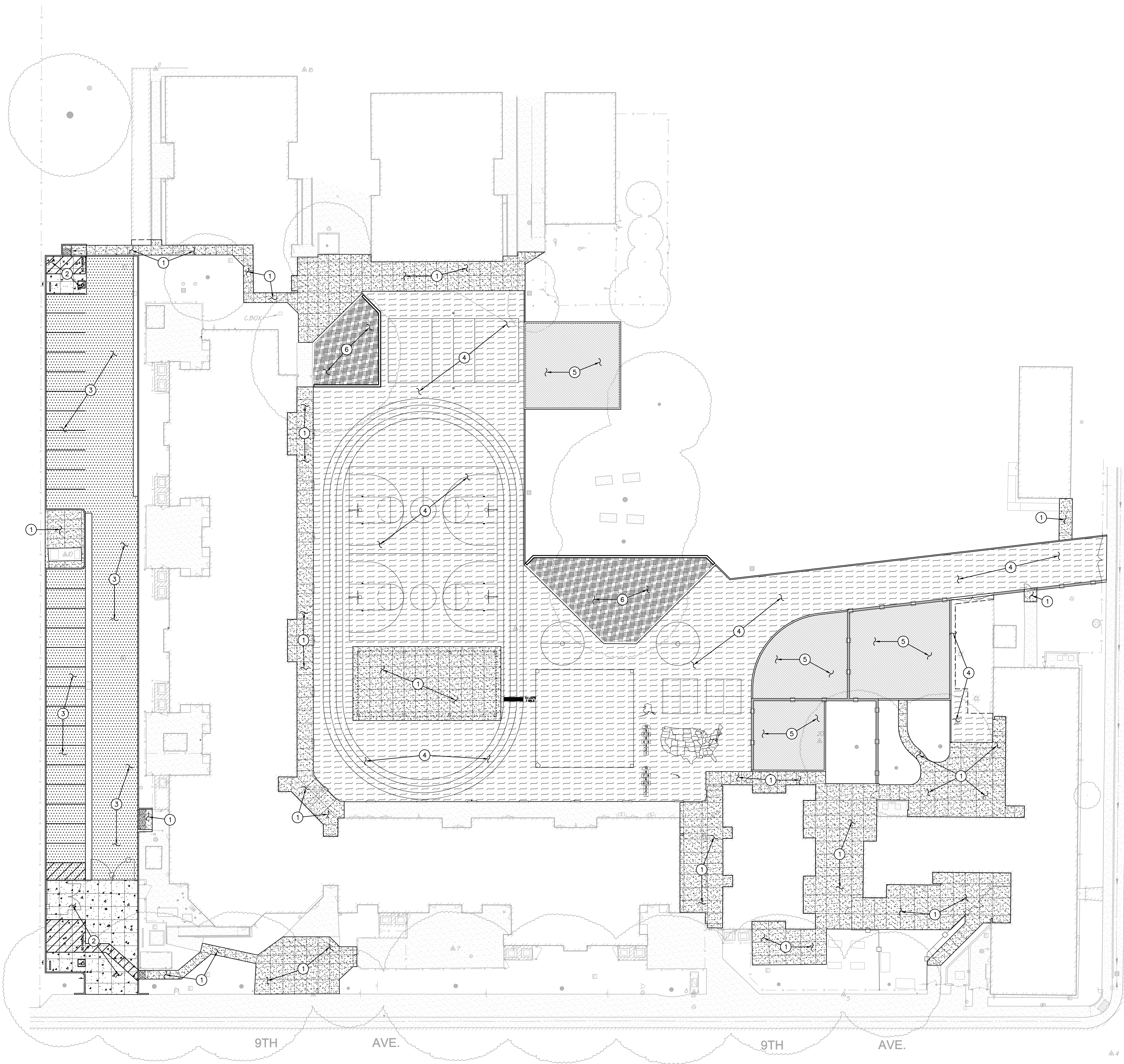
Sacramento Unified School District
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CONSTRUCTION DOCUMENTS

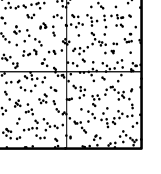

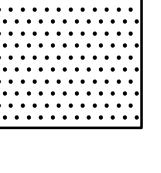
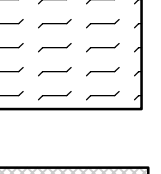

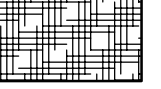
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UTILITY PLAN

Date: 01/24/2023
 Scale: AS SHOWN
 Drawn: AT
 Checked: AT
 Project Number: 22035
 Drawing Number: **C3.1**



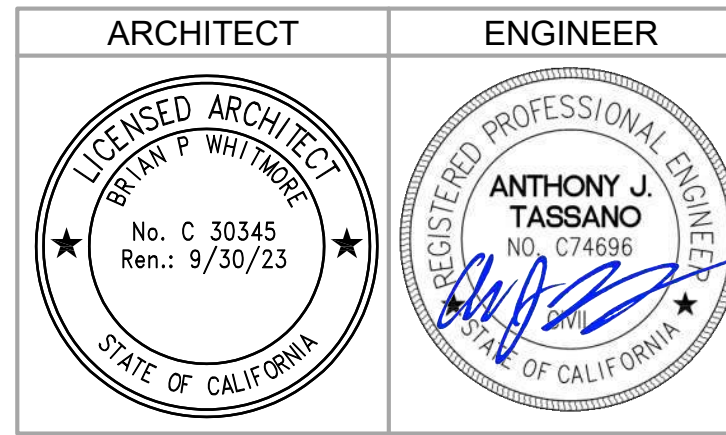
- PAVING GENERAL NOTES:**
1. AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE.
 2. ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% RELATIVE COMPACTION.
 3. RECYCLED ASPHALT MAY BE USED AS CONCRETE AND ASPHALT BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB.
 4. PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, AND COMPACTION SHALL BE PERFORMED AFTER:
 - A. POT HOLING ALL EXISTING UTILITIES.
 - B. THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
 6. ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE RESTORED.
 7. REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS, AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIFICALLY NOTED ON THIS PLAN.
 8. ADJUST TO FINISH GRADE ALL BOXES, FRAMES, COVERS SLEEVES, POST HOLES, GRATES, ETC. FOUND IN NEW ASPHALT OR CONCRETE PAVING AREAS, WHICH ARE NOT NOTED FOR REMOVAL. REPLACE PER PLAN.

- PAVING LEGEND**
- 
1 TYPE 1 PAVING
 PLACE 5" PCC WITH #4 REBAR @ 24" O.C.E.W. OVER 16" CLASS II AB ON COMPACTED SUBGRADE.
 - 
2 TYPE 2 PAVING
 PLACE 6" PCC WITH #4 REBAR @ 18" O.C.E.W. OVER 6" CLASS II AB ON LIME TREATED SUBGRADE.
 - 
3 TYPE 3 PAVING
 PLACE 3" AC OVER 8" CLASS II AB ON LIME TREATED SUBGRADE. PLACE TWO (2) APPLICATIONS OF SEAL COAT.
 - 
4 TYPE 4 PAVING
 PLACE 2" AC OVER 4" CLASS II AB ON LIME TREATED SUBGRADE. PLACE TWO (2) APPLICATIONS OF SEAL COAT. RATED FOR IMPOSED LOAD OF FIRE APPARATUS WEIGHING UP TO 75,000 LBS. AS PER CFC APPENDIX D102.1
 - 
5 TYPE 5 PAVING
 PLACE 4" OF CL2 AGGREGATE BASE ON LIME TREATED SUBGRADE. WEAR COURSE AND CUSHION LAYER TO BE INSTALLED BY OWNER.
 - 
6 TYPE 6
 PLACE 4" BARK MULCH, UNTREATED, SHREDDED CEDAR.

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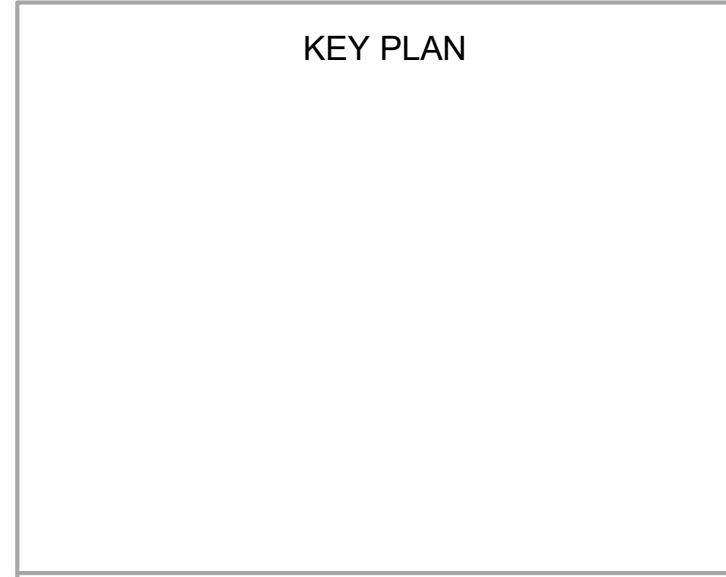
NO.	REMARKS	DATE

REVISION HISTORY

DATE: 02/07/2023

DRAWING STATUS

DSA PLAN CHECK
 DSA BACK CHECK
 BIDDING
 CONSTRUCTION

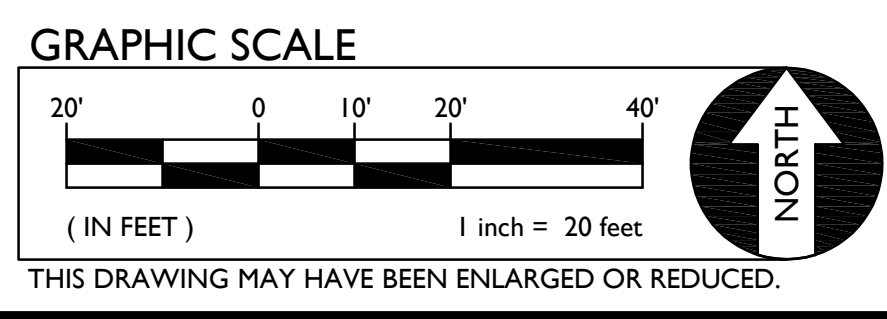


Sacramento Unified School District
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 SACRAMENTO, CA 95818

CONSTRUCTION DOCUMENTS

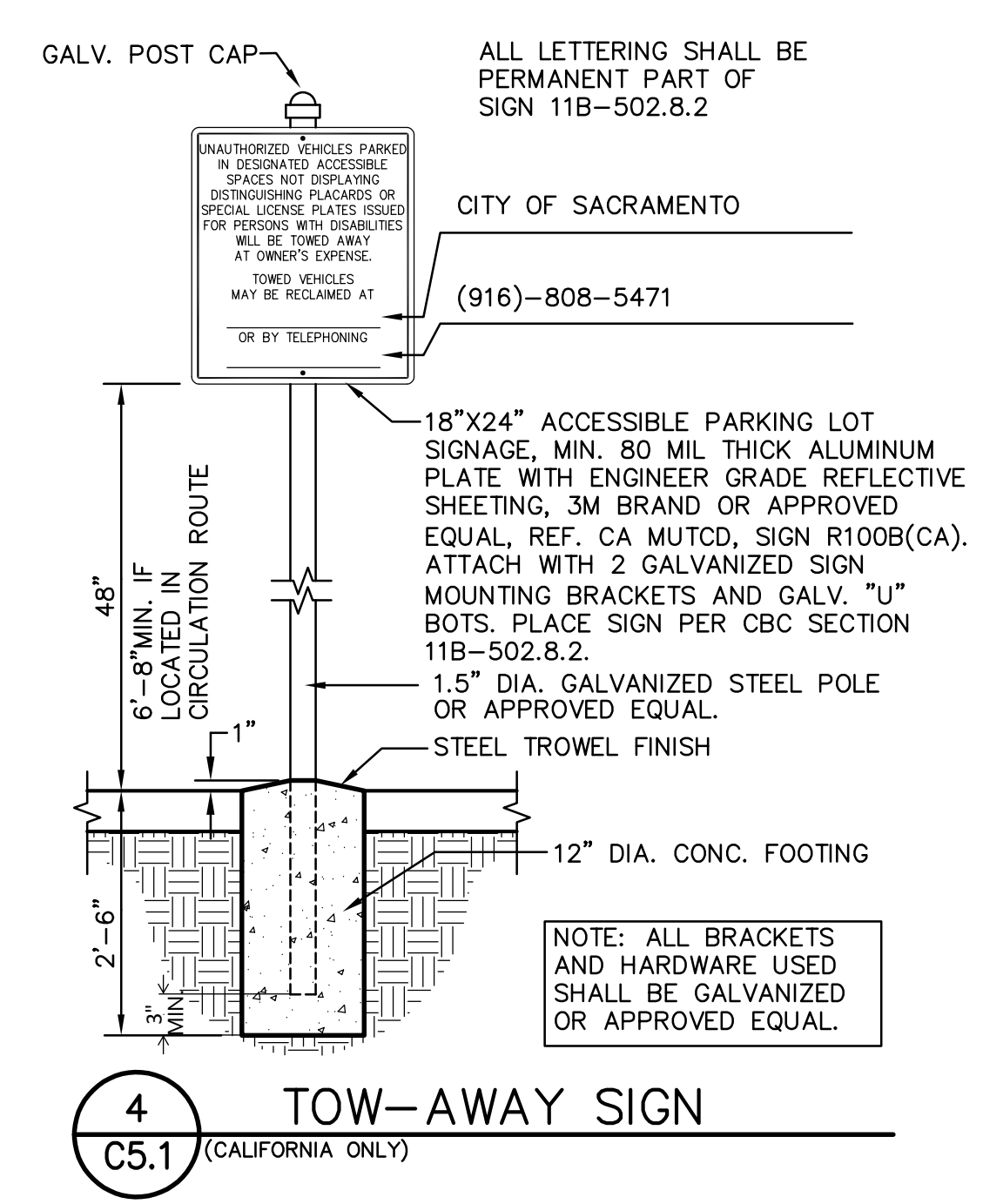
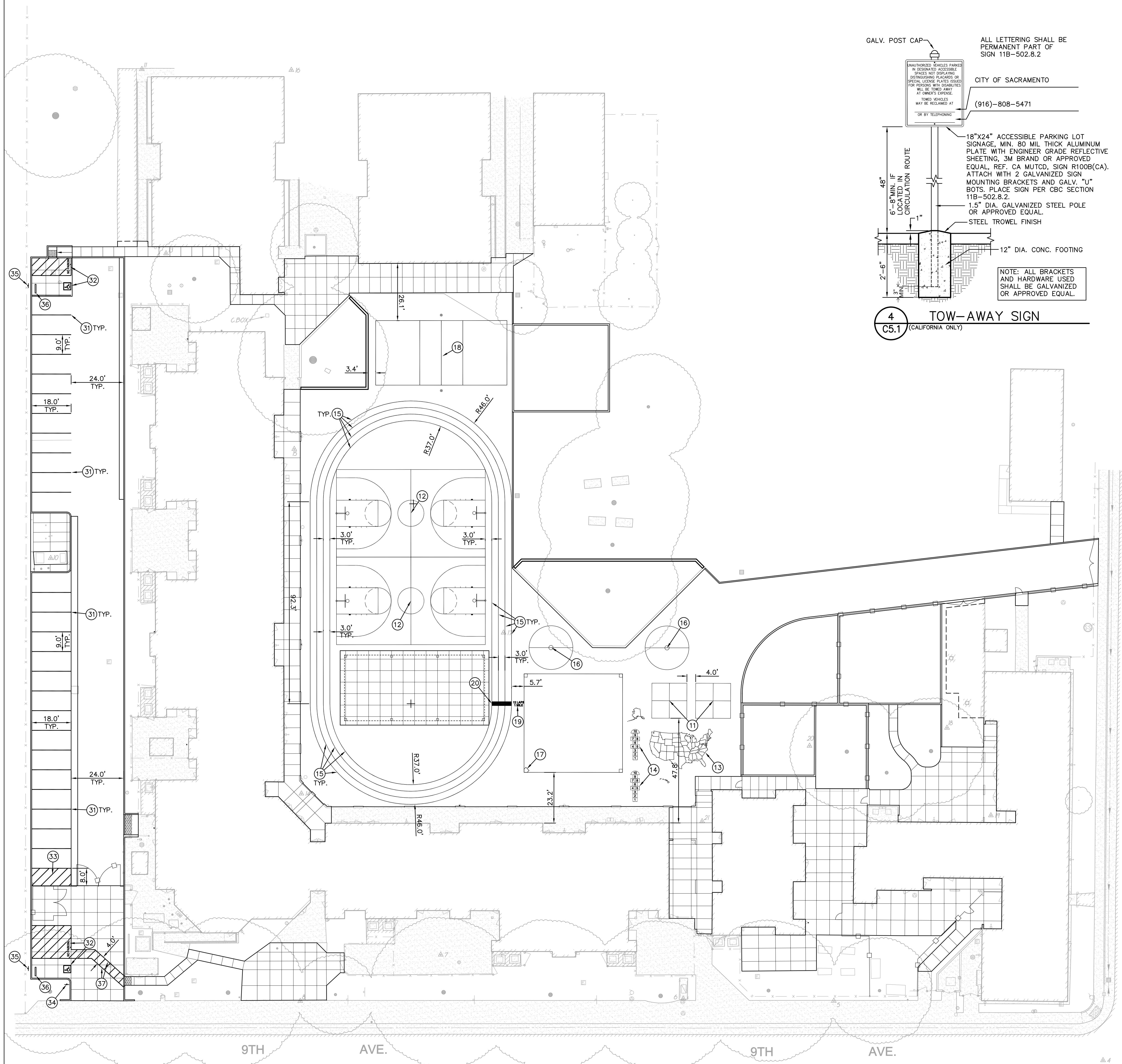
SCUSD Bret Harte ES
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 2751 9th Avenue
 Sacramento, CA 95818

PAVING PLAN



Date: 01/24/2023
 Scale: AS SHOWN
 Drawn: AT
 Checked: AT

Project Number: 22035
 Drawing Number: **C4.1**

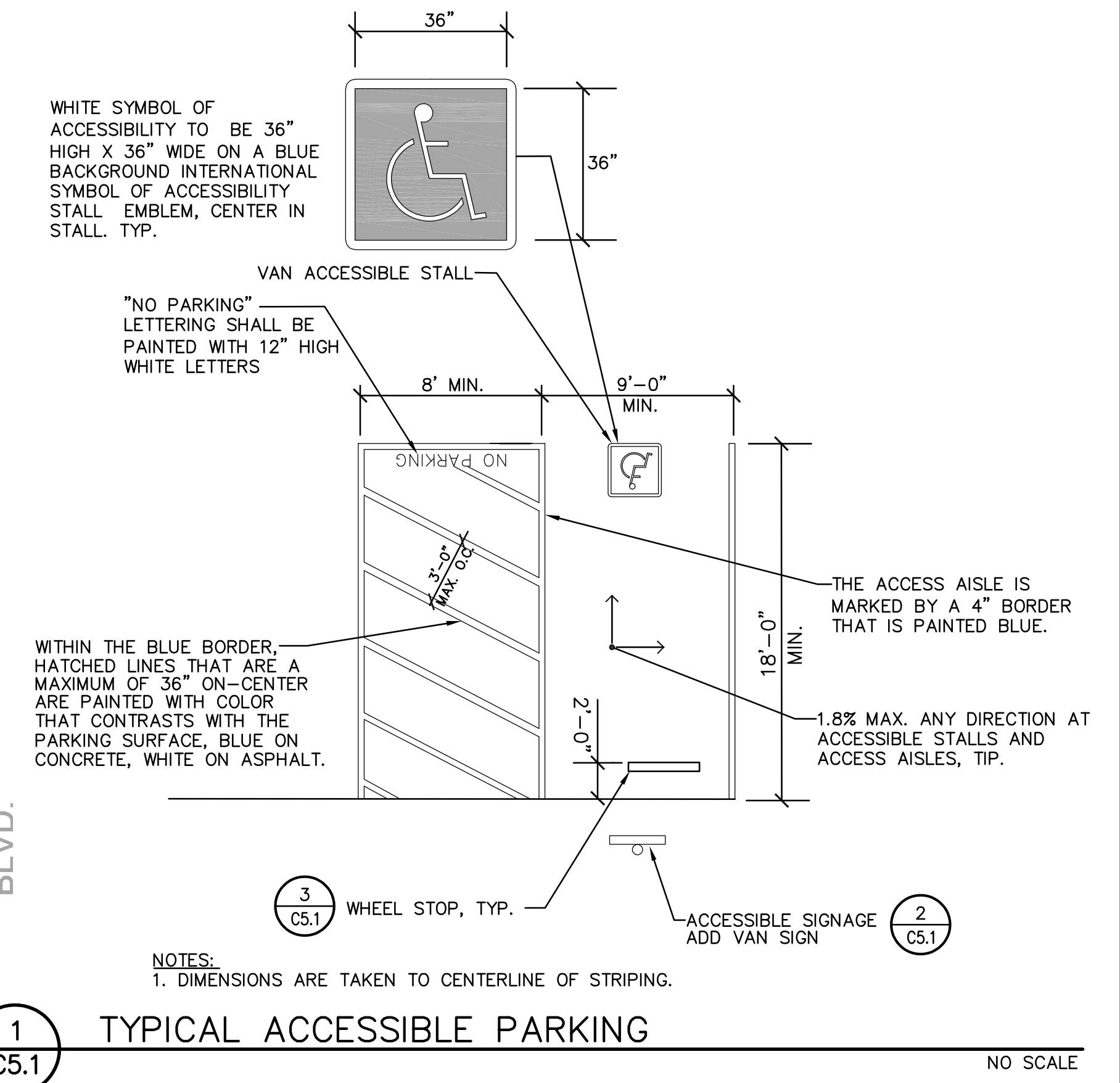


PLAYCOURT STRIPING NOTES

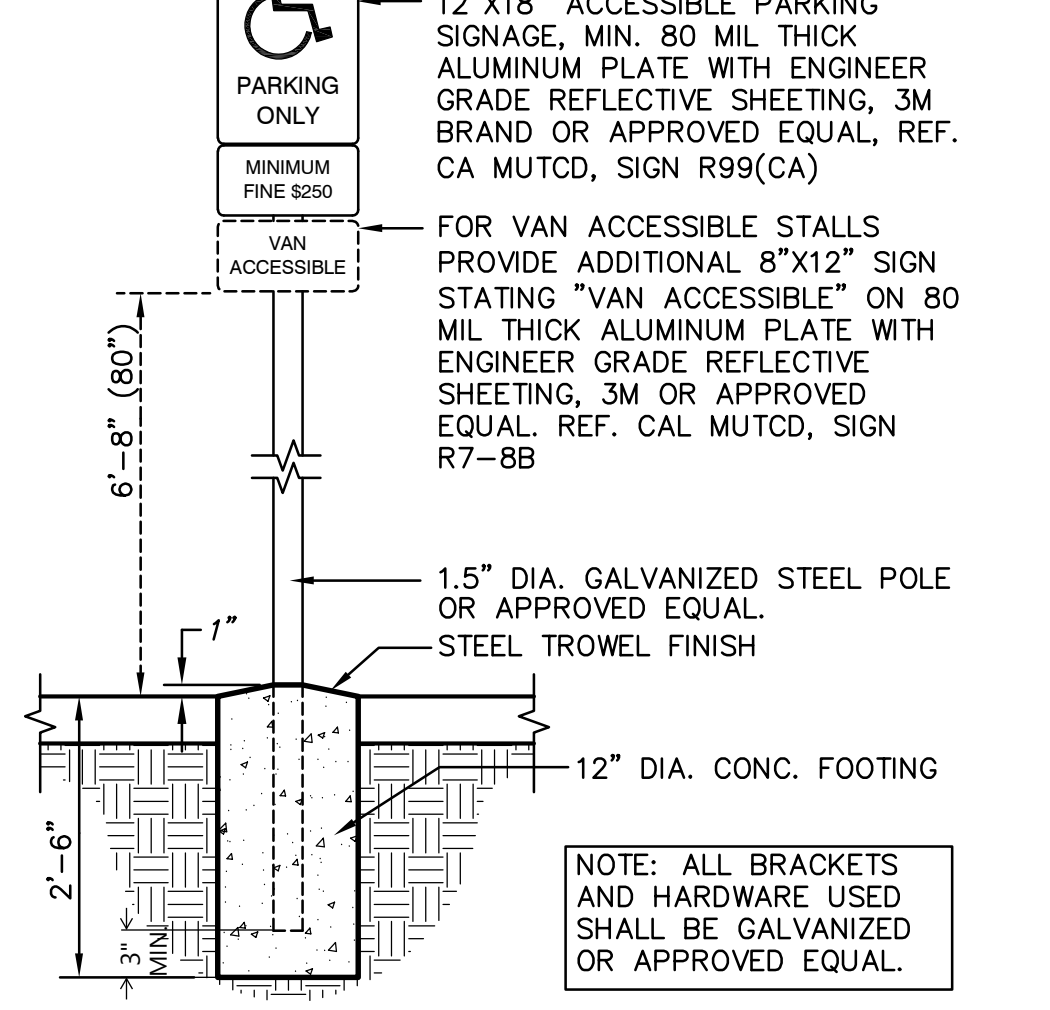
- PLACE FOURSQUARE COURT STRIPING PER (4) C7.3
- PLACE BASKETBALL COURT STRIPING AND STANDARDS PER (2) C7.3, (3) C7.3, (5) C7.3
- PLACE MAP OF THE USA WITH ALASKA AND HAWAII PER (1) C7.3
- PLACE HOPSCOTCH STRIPING PER (6) C7.3
- PLACE 2" WIDE WHITE STRIPE.
- PLACE TETHERBALL STRIPING AND POST PER (7) C7.3, (8) C7.3
- PLACE KICKBALL COURT STRIPING PER (11) C7.3
- PLACE VOLLEYBALL COURT STRIPING AND POSTS PER (9) C7.3, (10) C7.3
- PAINT 12" HIGH WHITE LETTERS "12 LAPS 1 MILE".
- PAINT 24" WIDE WHITE STRIPE.

PARKING LOT STRIPING AND SIGNAGE NOTES

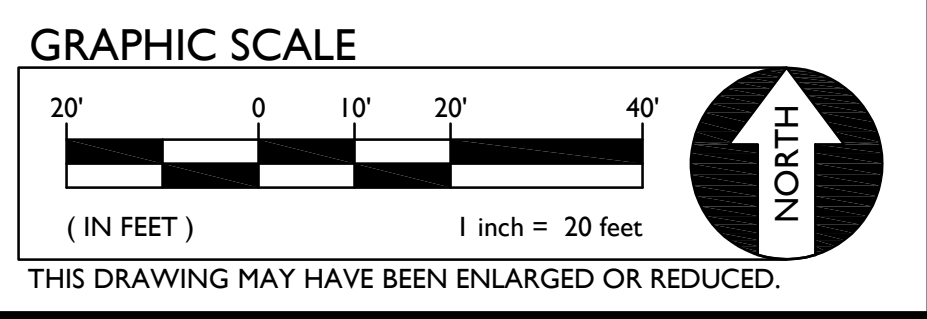
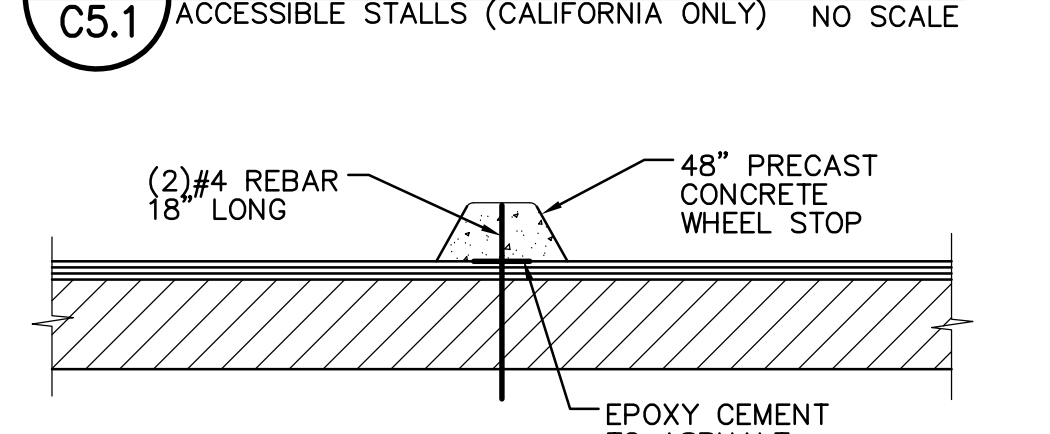
- PROVIDE 4" WIDE, WHITE PARKING STALL STRIPING.
- PROVIDE ACCESSIBLE PARKING STRIPING PER (1) C5.1
- PAINT WITH 4" WIDE WHITE EDGE LINES AND 4" WIDE WHITE CROSS HATCH LINES AT 36" O.C.
- PLACE TOW-AWAY SIGN AND POST PER (4) C5.1, (2) C5.1
- PROVIDE ACCESSIBLE SIGNAGE PER (3) C5.1
- PLACE CONCRETE WHEEL STOP PER (3) C5.1
- PAINT 4" WIDE BLUE EDGE LINES WITH 4" WIDE BLUE CROSS HATCH LINES AT 36" O.C.



2 PARKING SIGNAGE (C5.1) ACCESSIBLE STALLS (CALIFORNIA ONLY) NO SCALE



3 CONCRETE WHEEL STOP (C5.1) NO SCALE



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ARCHITECT: LICENSED ARCHITECT
ANTHONY J. TASSANO
No. C 30145
Ren.: 9/30/23
STATE OF CALIFORNIA

ENGINEER: REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. TASSANO
No. CE 17480
Ren.: 9/30/23
STATE OF CALIFORNIA

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NO.	REMARKS	DATE

REVISION HISTORY

DATE: 02.07.2023

DRAWING STATUS: DSA PLAN CHECK DSA BACK CHECK BIDDING CONSTRUCTION

KEY PLAN

Sacramento Unified School District
425 1st AVENUE
SACRAMENTO, CA 95818

CONSTRUCTION DOCUMENTS

SCUSD Bret Harte ES
Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement
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STRIPING PLAN

Date: 01/24/2023
Scale: AS SHOWN
Drawn: AT
Checked: AT

Project Number: 22035
Drawing Number: **C5.1**

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NO.	REMARKS	DATE

KEY PLAN

DATE: 02.07.2023

DRAWING STATUS

- DSa PLAN CHECK
- DSa BACK CHECK
- BIDDING
- CONSTRUCTION

Sacramento Unified School District
 425 1st Avenue
 SACRAMENTO, CA 95818

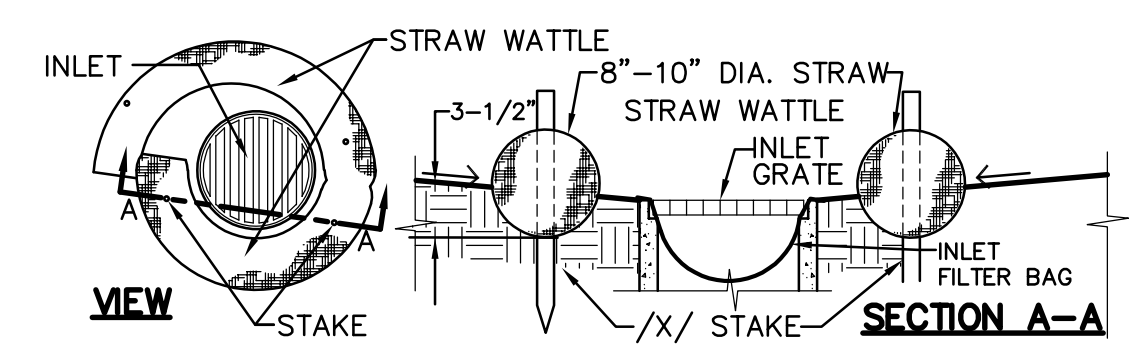
CONSTRUCTION DOCUMENTS

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EROSION CONTROL PLAN

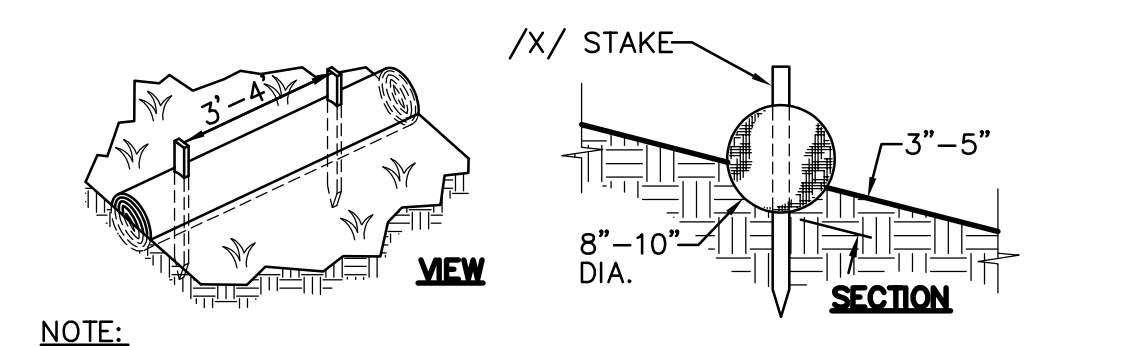
EROSION AND SEDIMENT CONTROL GENERAL NOTES

- IF CERTAIN SOIL TYPES (E.G. COLLOIDAL SOILS) ARE DETECTED, THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL TREATMENT MEASURES PRIOR TO DISCHARGE.
- CONTRACTOR IS RESPONSIBLE FOR THE DEWATERING AND REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES JUST PRIOR TO THE COMMENCING OF THE FINAL GRADING AND PAVING OPERATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THE SITE TO MINIMIZE DUST CREATED DURING CONSTRUCTION.
- PRIOR TO PLACEMENT OF HYDRO SEEDING, REMOVE TEMPORARY EROSION CONTROL MEASURES (STRAW WATTLE FENCE AND TRACKED LOOSE STRAW).
- CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR COMPLIANCE WITH STATE WATER RESOURCES CONTROL BOARD REQUIREMENTS.
- ALL MATERIALS STORED ON-SITE SHALL HAVE PROPER ENCLOSURES AND/OR COVERINGS.
- CONTRACTOR SHALL MAINTAIN ALL WATTLE OR SILT FENCES AND OTHER STORM WATER POLLUTION PREVENTION DEVICES THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL INSPECT ALL EROSION CONTROL DEVICES WEEKLY AS WELL AS BEFORE, DURING, AND AFTER A STORM EVENT. CONTRACTOR SHALL REMOVE ALL EROSION CONTROL AND POLLUTION PREVENTION DEVICES AT THE END OF CONSTRUCTION AS REQUIRED. REFER TO SPECIFICATIONS AND ADDITIONAL REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN CONSTRUCTION FENCING THROUGHOUT THE PROJECT. THIS FENCING SHALL DETER PEDESTRIANS AND NON-CONSTRUCTION RELATED PERSONNEL FROM ENTERING THE CONSTRUCTION SITE AREA TO THE GREATEST POSSIBLE EXTENT. THE CONTRACTOR SHALL COORDINATE THIS FENCING LAYOUT WITH SCHOOL DISTRICT PERSONNEL PRIOR TO ANY FENCING PLACEMENT SO AS TO NOT SIGNIFICANTLY INTERFERE WITH SCHOOL OPERATION.
- CONTRACTOR SHALL ADEQUATELY PREVENT EXCESSIVE AMOUNTS OF MUD, SAND, DIRT, AND OTHER DEBRIS FROM BEING TRACKED ONTO THE STREET FROM CONSTRUCTION VEHICLE MOVEMENT. PROVIDE WASHING FACILITIES AT CONSTRUCTION ENTRANCE IF NECESSARY.
- CONTRACTOR SHALL ADEQUATELY PREVENT EXCESSIVE AMOUNTS OF MUD, SAND, DIRT, AND OTHER DEBRIS FROM BEING TRACKED ONTO THE STREET FROM CONSTRUCTION VEHICLE MOVEMENT. PROVIDE WASHING FACILITIES AT CONSTRUCTION ENTRANCE IF NECESSARY.



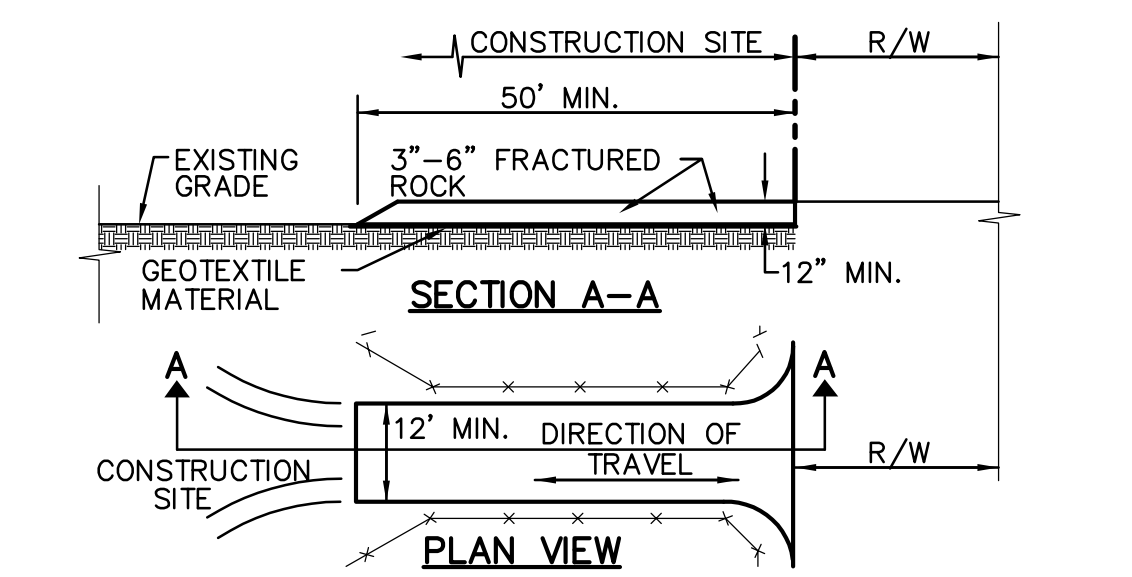
NOTE: STRAW WATTLE INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE WATTLE IN A TRENCH 3-1/2" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

1 STRAW WATTLE INLET FILTER
 NO SCALE



NOTE: STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH 3"-5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

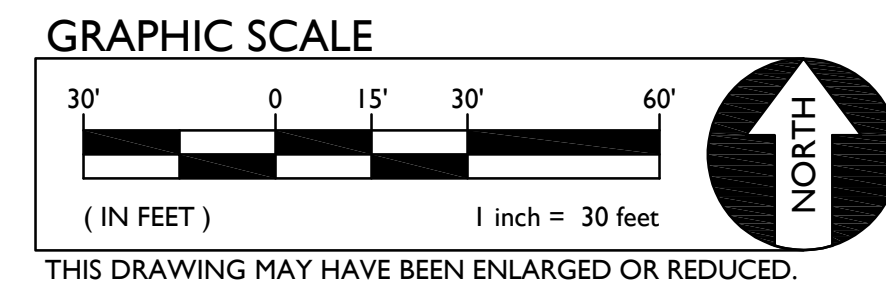
2 STRAW ROLLS
 NO SCALE



- NOTES:
- STABILIZED CONSTRUCTION SITE ACCESS SHALL BE CONSTRUCTED OF 3"-6" ANGULAR ROCK MATERIAL CONFORMING TO SECTION 26 OF STATE SPECIFICATIONS PLACED OVER GEOTEXTILE MATERIAL. ROCK SHALL BE PLACED TO A MINIMUM THICKNESS OF SIX INCHES. THE METHOD OF PLACING, SPREADING AND COMPACTING ROCK SHALL CONFORM TO SECTION 26 OF THE STATE SPECIFICATIONS.
 - LENGTH OF SITE ACCESS SHALL BE A MINIMUM LENGTH OF FIFTY FEET. WIDTH SHALL BE A MINIMUM WIDTH OF TWELVE FEET OR AS NECESSARY TO COVER ALL VEHICULAR INGRESS AND EGRESS.
 - THE SITE ACCESS SHALL BE KEPT IN GOOD CONDITION BY OCCASIONAL TOP DRESSING.

3 STABILIZED CONSTRUCTION SITE ACCESS
 NO SCALE

- LEGEND**
- EXIST.** **NEW**
- EROSION CONTROL NOTES**
- NOTE: EXACT LOCATION WILL BE COORDINATED BY CONTRACTOR AND PROJECT QSP.
- CONTRACTOR SHALL PROVIDE STRAW WATTLE BARRIER AT ALL INLETS (NEW AND/OR EXIST.) IN AREAS OF ON-SITE WORK PER THE DETAIL PROVIDED. IN ADDITION TO WATTLE, PROVIDE FILTER BAG AT EACH INLET. STRAW WATTLES NOT REQUIRED AT INLETS IN PAVED AREAS. ONLY FILTER BAG.
 - CONTRACTOR SHALL PROVIDE STRAW WATTLES AT PERIMETER OF SITE PER DETAIL.
 - CONTRACTOR SHALL PROVIDE STABILIZED CONSTRUCTION SITE ACCESS PER DETAIL.



ANY CHANGES MADE TO THE SWPPP IN THE FIELD MUST BE SHOWN ON THE MAP. UPDATE MAP TO REFLECT CHANGES.

MAINTENANCE/REPAIRS OF BMP FAILURE SHALL BEGIN WITHIN 72 HOURS OF IDENTIFICATION AND CHANGES SHALL BE COMPLETED PRIOR TO THE NEXT RAIN EVENT.

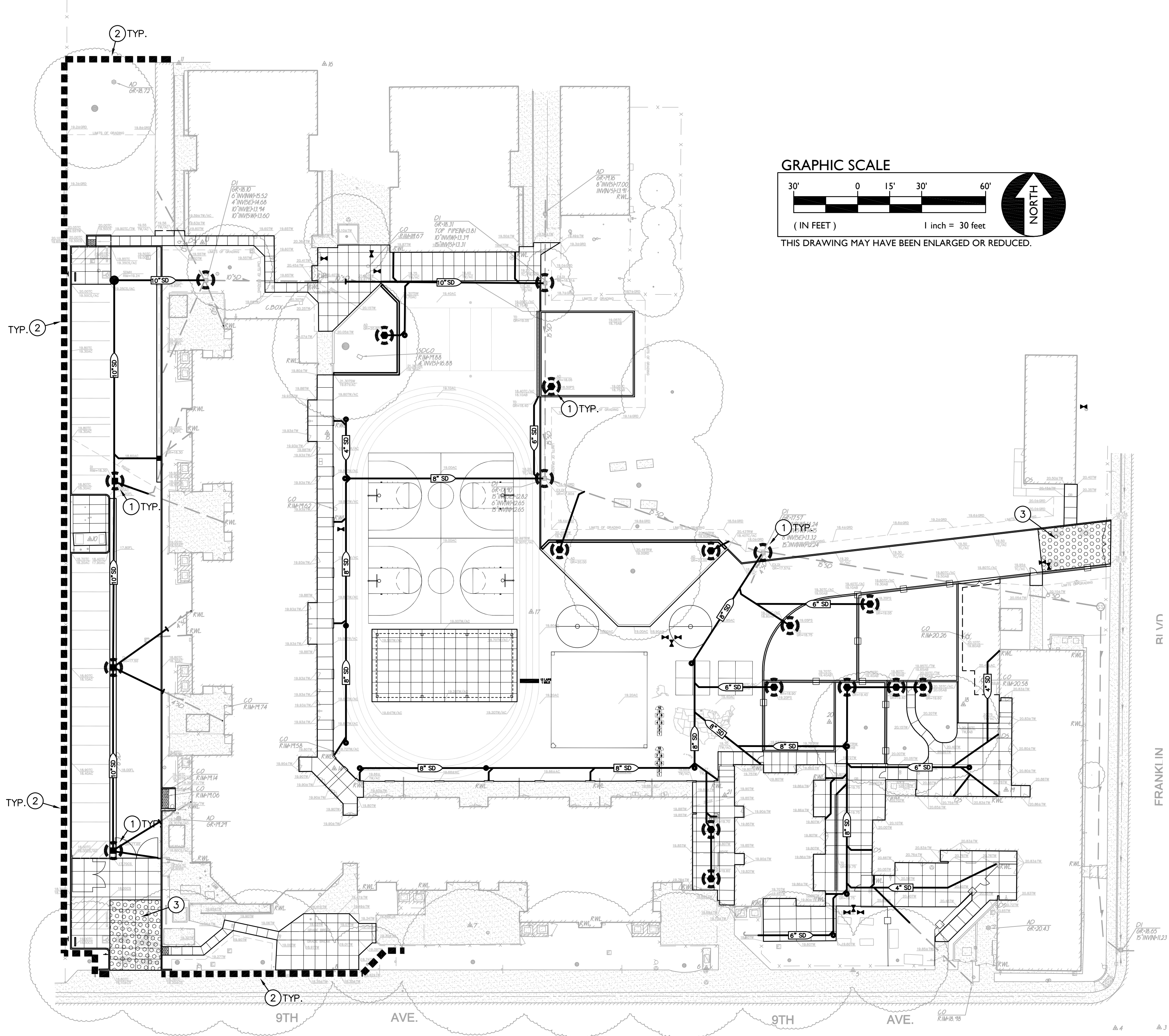
STORM DRAINAGE OUTFALL BMP'S REFER TO PROTECT CONSTRUCTION PLAN DETAILS FOR SPECIFIC POST CONSTRUCTION BMP MEASURES AT OUTFALL STRUCTURES.

SEDIMENT AND EROSION CONTROL MEASURES ON SWPPP MAP ARE MINIMUM BMP'S RECOMMENDED FOR COMPLIANCE. CONSTRUCTION SITE MUST BE MONITORED AND BMP'S SHALL BE MODIFIED DEPENDING ON CONSTRUCTION SCHEDULE AND RAIN EVENTS.

- ADD TO MAP AS LOCATED IN THE FIELD**
- CONSTRUCTION TRAILER.
 - VEHICLE/EQUIPMENT MAINTENANCE AND FUELING AREA.
 - COVERED WASTE STORAGE (DUMPSTERS).
 - STAGING AREA
 - MATERIAL STORAGE
 - SOIL STOCKPILES.
 - CONCRETE WASHOUT.

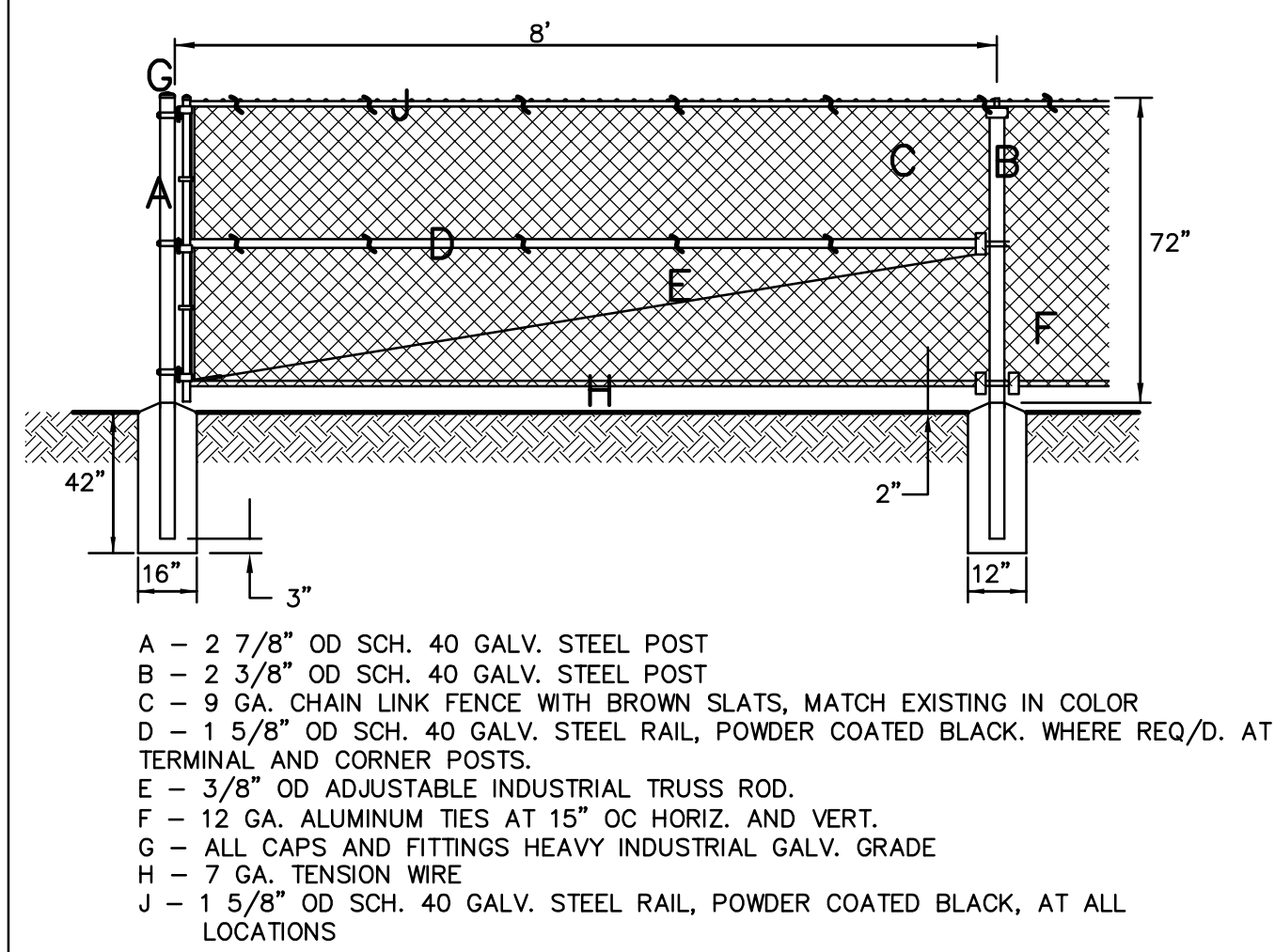
MONITORING SCHEDULE

- WITHIN 2 BUSINESS DAYS (48 HOURS) PRIOR TO EACH QUALIFYING RAIN EVENT.
- EVERY 24 HOURS DURING A QUALIFYING RAIN EVENT.
- WITHIN 2 BUSINESS DAYS (48 HOURS) AFTER EACH QUALIFYING RAIN EVENT RESULTING IN 0.50 INCHES OF RAIN OR MORE.
- RECORD THE TIME, DATE AND RAIN GAUGE READING OF ALL QUALIFYING RAIN EVENTS.
- QUARTERLY NON-STORM WATER DISCHARGE INSPECTIONS.
- WEEKLY INSPECTIONS.

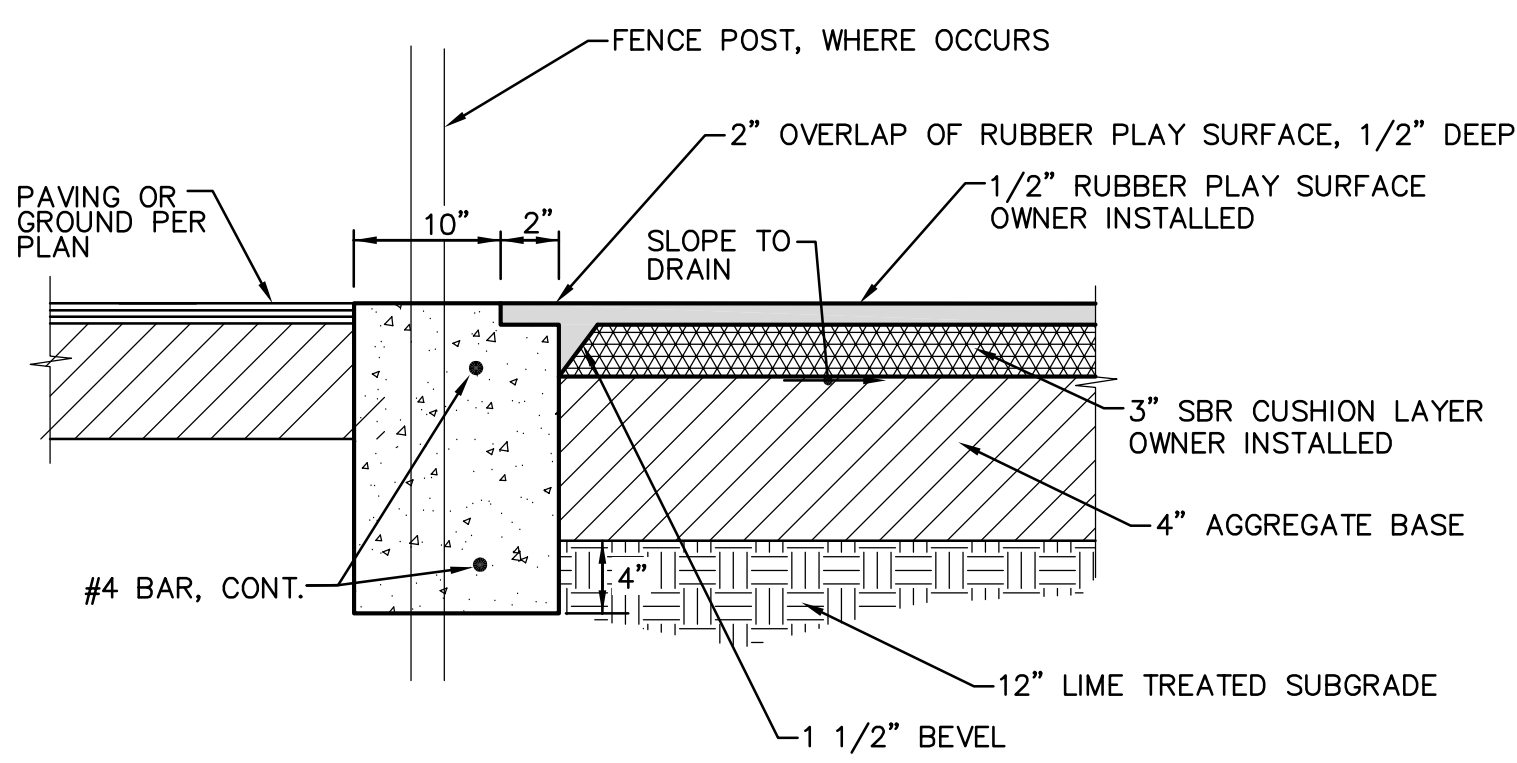


PHASE OF CONSTRUCTION	EROSION AND SEDIMENT CONTROL MEASURES																
	WET SEASON							WET & DRY SEASON									
	HYDRO SEEDING	STRAW MULCHING FACTIFIER	SOIL BINDERS	PRESERVATION OF EXISTING VEGETATION	BLANKETS MATS & GEOTEXTILES	FIBER ROLLS	DUST CONTROL	OUTLET PROTECTION	SILT FENCING	SAND/GRAVEL BAG BARRIERS	STORM DRAIN INLET PROTECTION	SEDIMENT BASIN	SEDIMENT TRAP	DEWATERING	STABILIZED CONSTRUCTION ENTRANCE	MATERIAL & WASTE DISPOSAL LOCATION	CONCRETE WASHOUT
PRE-GRADING	X	X	X	X	X	X	X		N/A		N/A	N/A					
CUT-FILL ACTIVITIES	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X
UNDERGROUND WORK	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X
STORM IMPROVEMENTS	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X
CURB AND GUTTER	N/A		X	X	X	X	X	X		X	X	X	X	X	X	X	X
STREET IMPROVEMENTS			X	X	X	X	X	X		X	X	X	X	X	X	X	X
PAVE OUT			X	X	X	X	X	X		X	X	X	X	X	X	X	X
POST CONSTRUCTION			X	X	X												
MAINTENANCE SCHEDULE																	
DAILY*																	
WEEKLY*		X	X		X	X	X	X		X	X			X	X	X	X
MONTHLY*					X	X	X	X		X	X						
BEFORE RAIN		X	X		X	X	X	X		X	X						
DURING RAIN		X	X		X	X	X	X		X	X						
AFTER RAIN		X	X		X	X	X	X		X	X						
AS NEEDED			X			X								X			

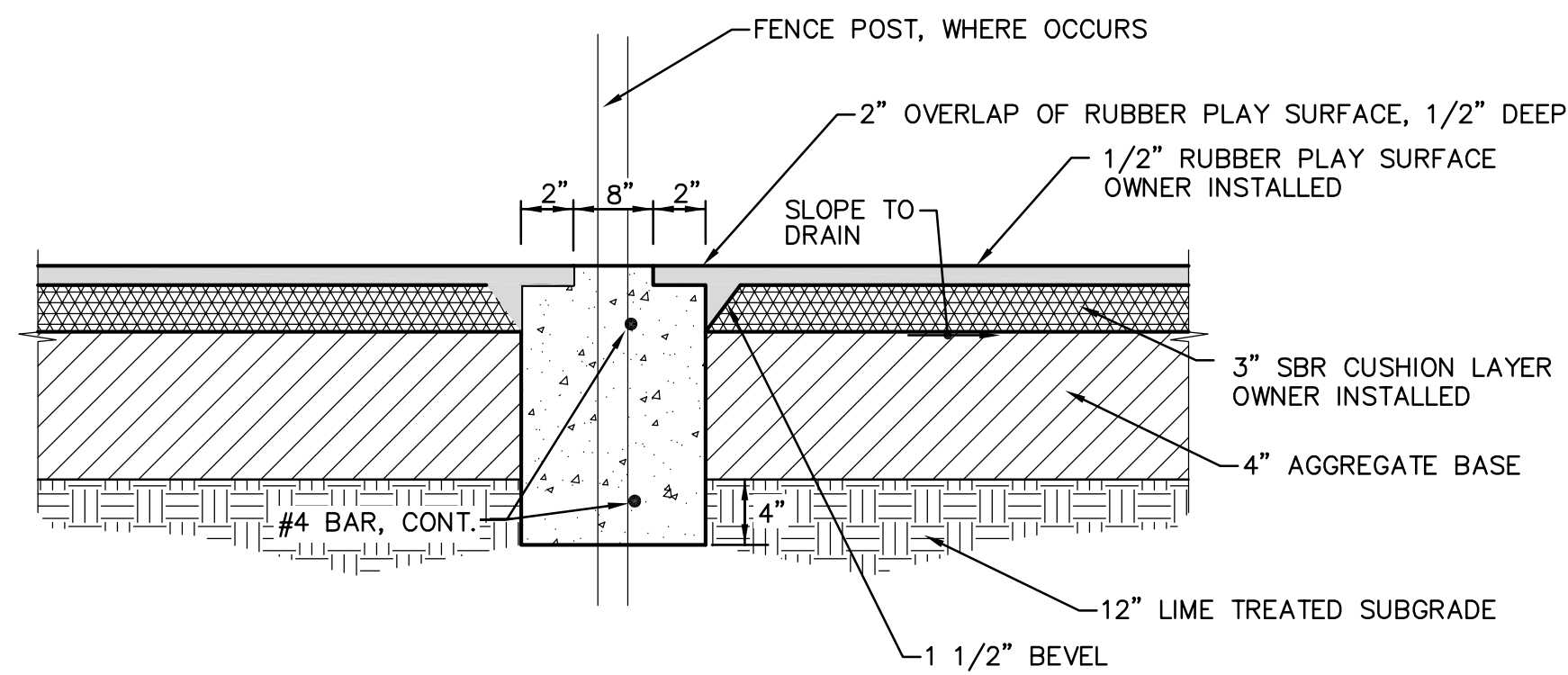
* = WHEN RAIN EVENT INSPECTIONS OCCURS, THEY MAY QUALIFY AS A DAILY, WEEKLY, OR MONTHLY INSPECTION AS APPLIES.



14 C7.1 6FT CHAIN LINK FENCE NO SCALE

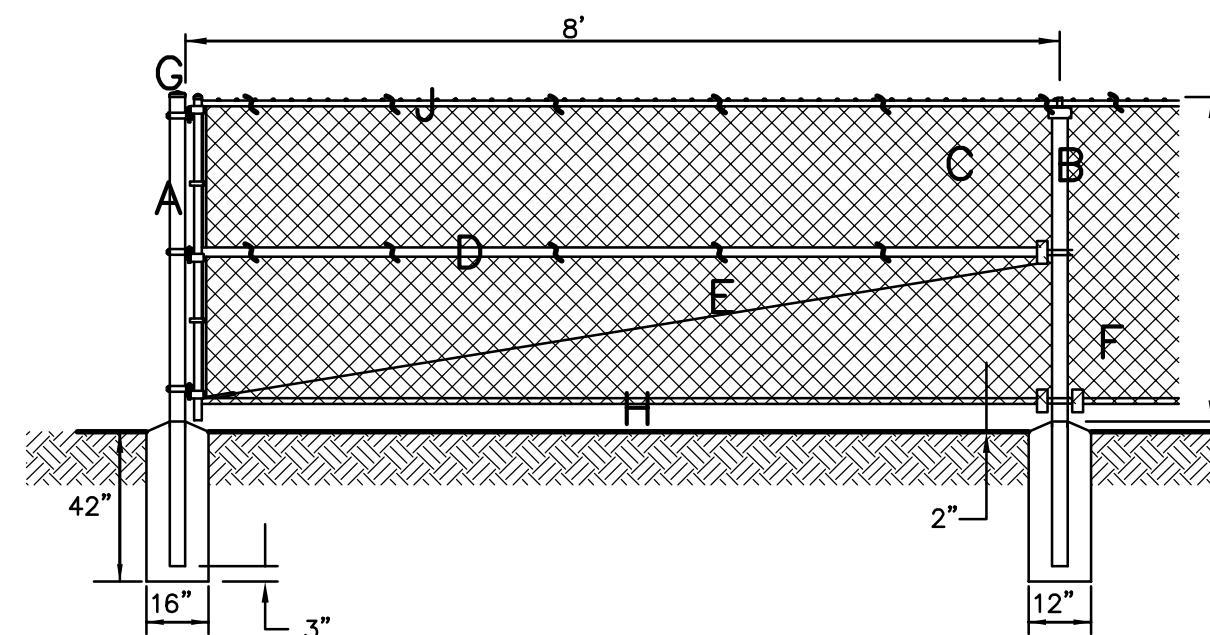


SCENARIO #1

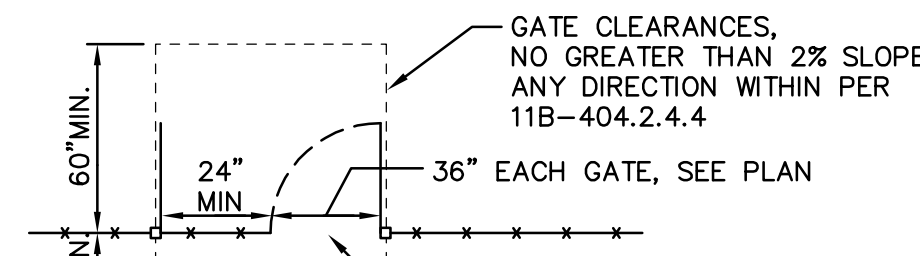


SCENARIO #2

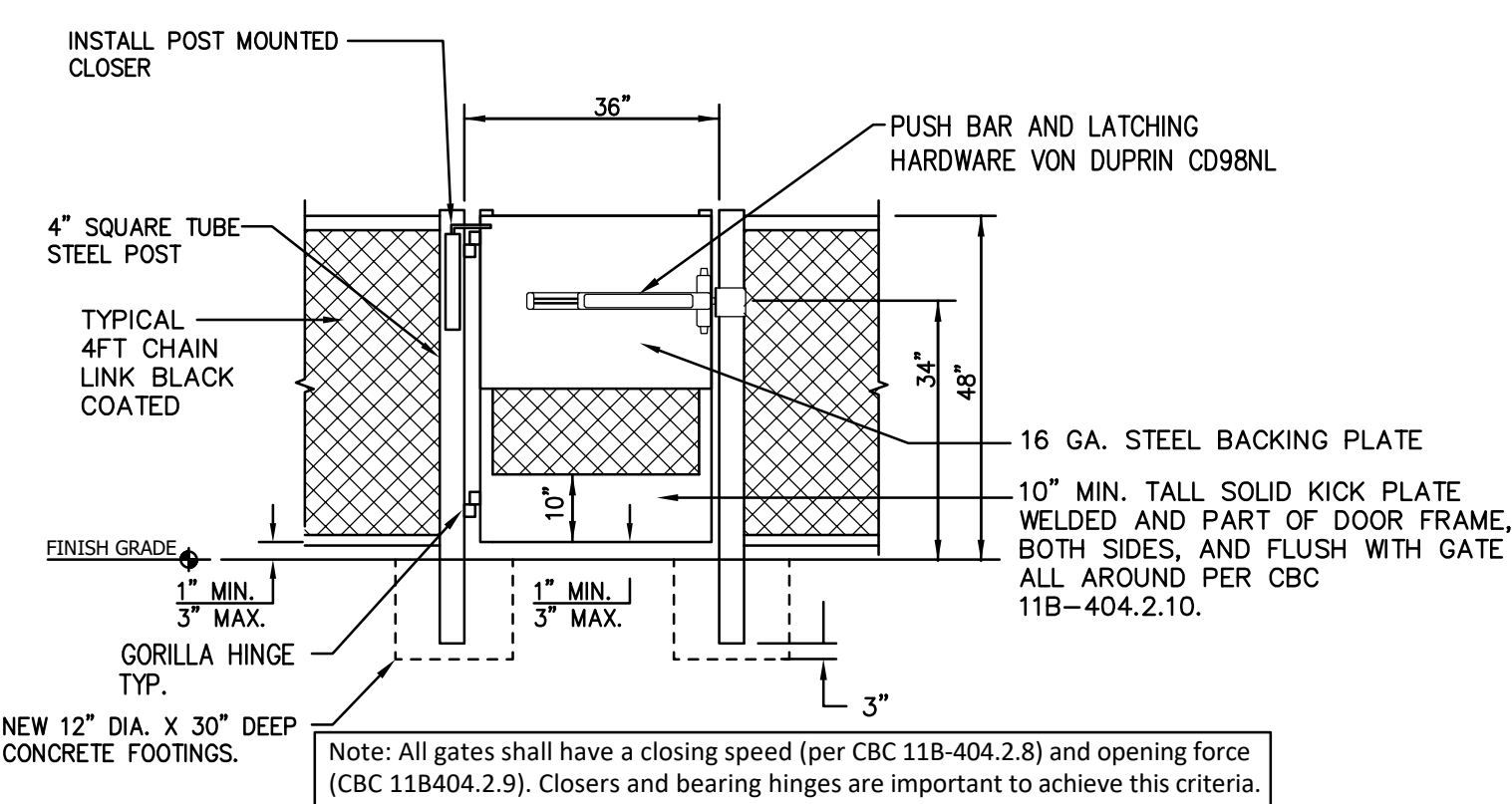
11 C7.1 12" APPARATUS CURB NO SCALE



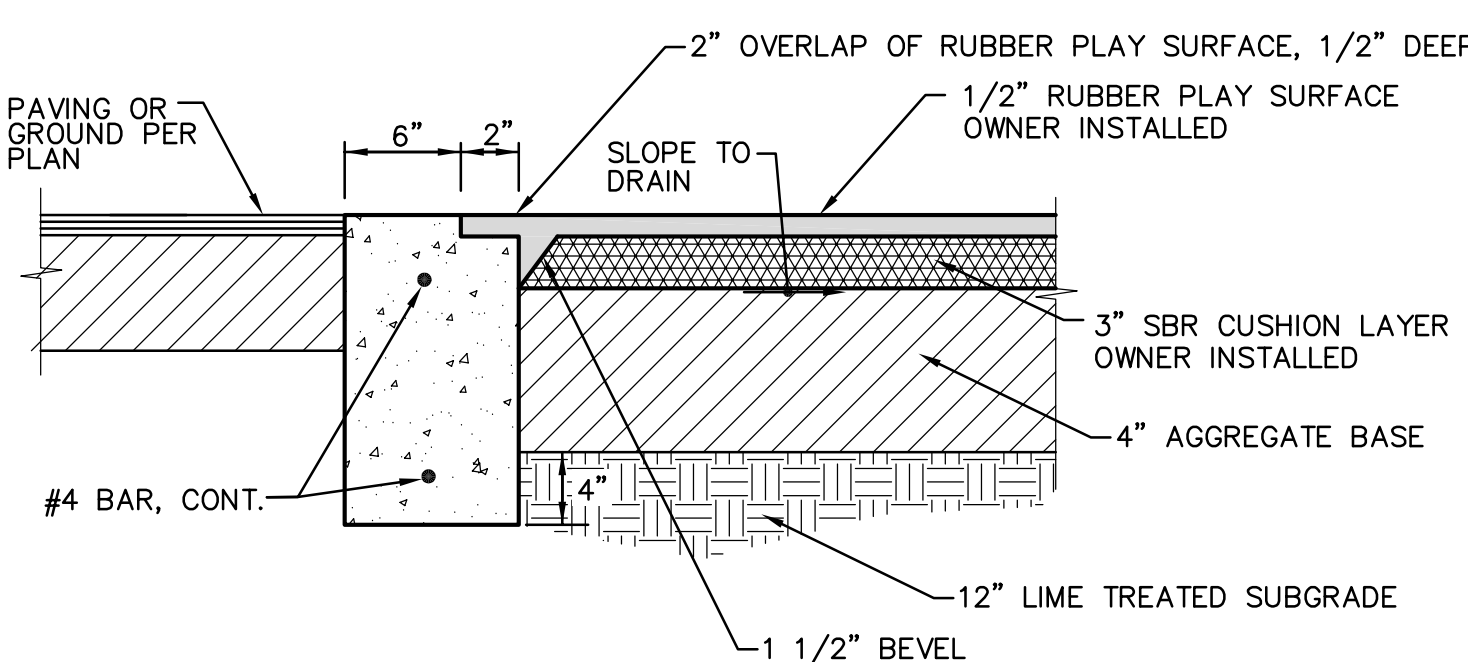
12 C7.1 4FT CHAIN LINK FENCE NO SCALE



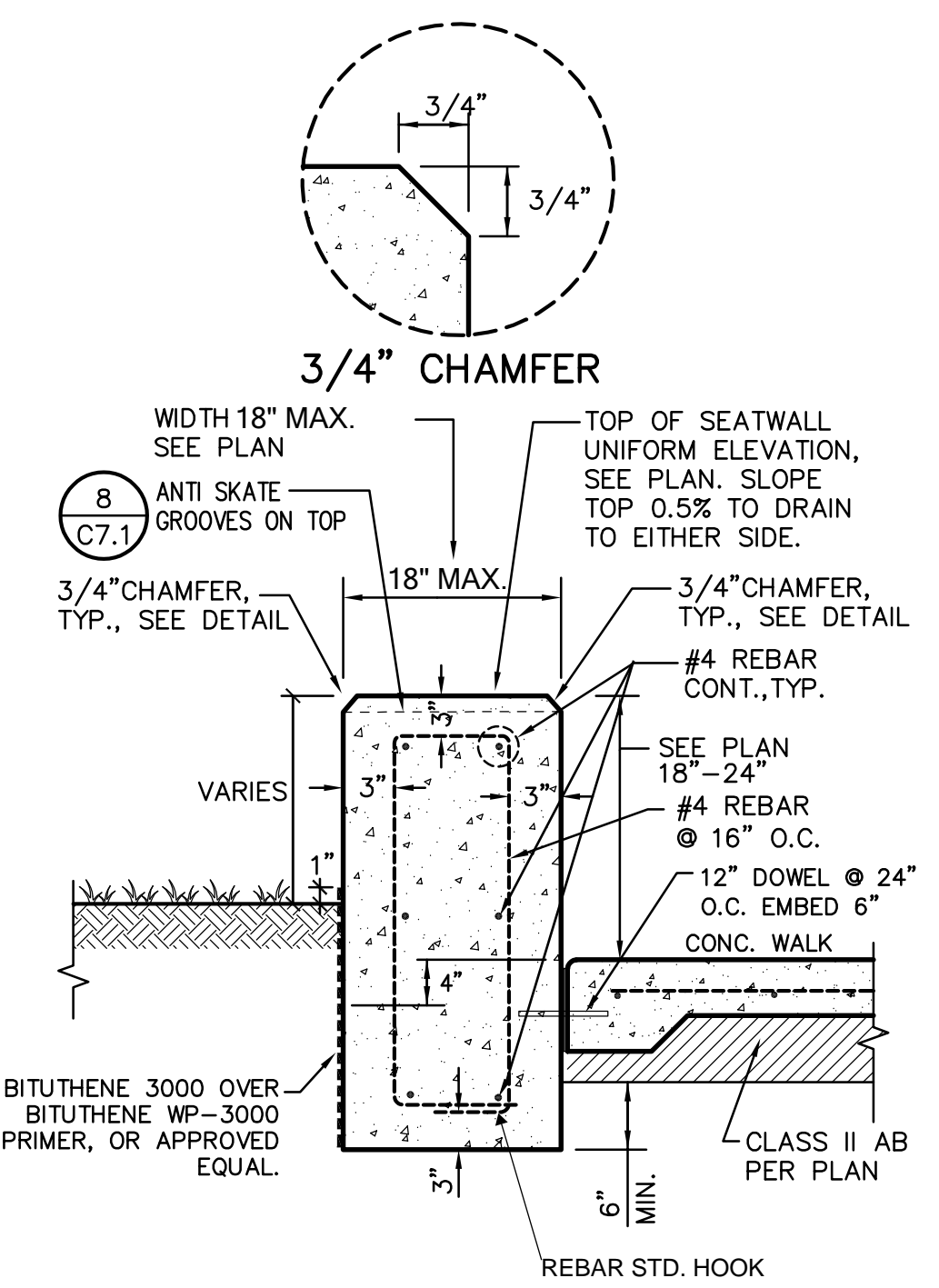
TYPICAL GATE CLEARANCE



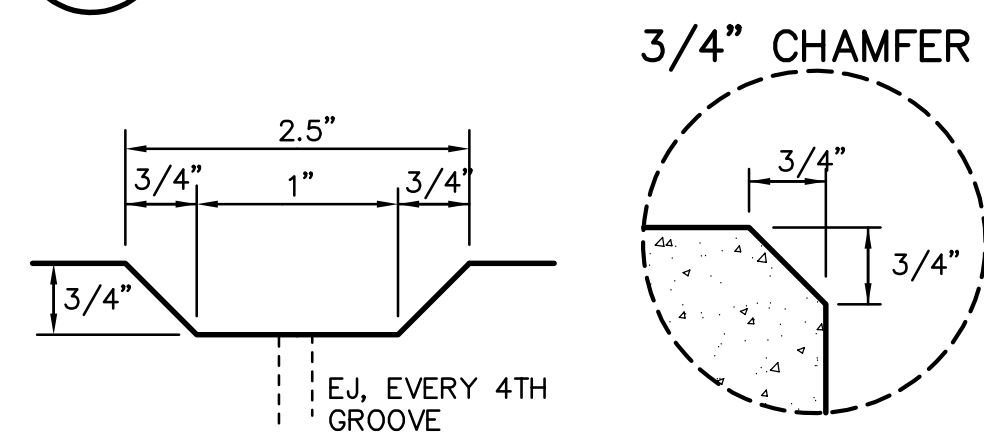
13 C7.1 ACCESSIBLE 4' GATE NO SCALE



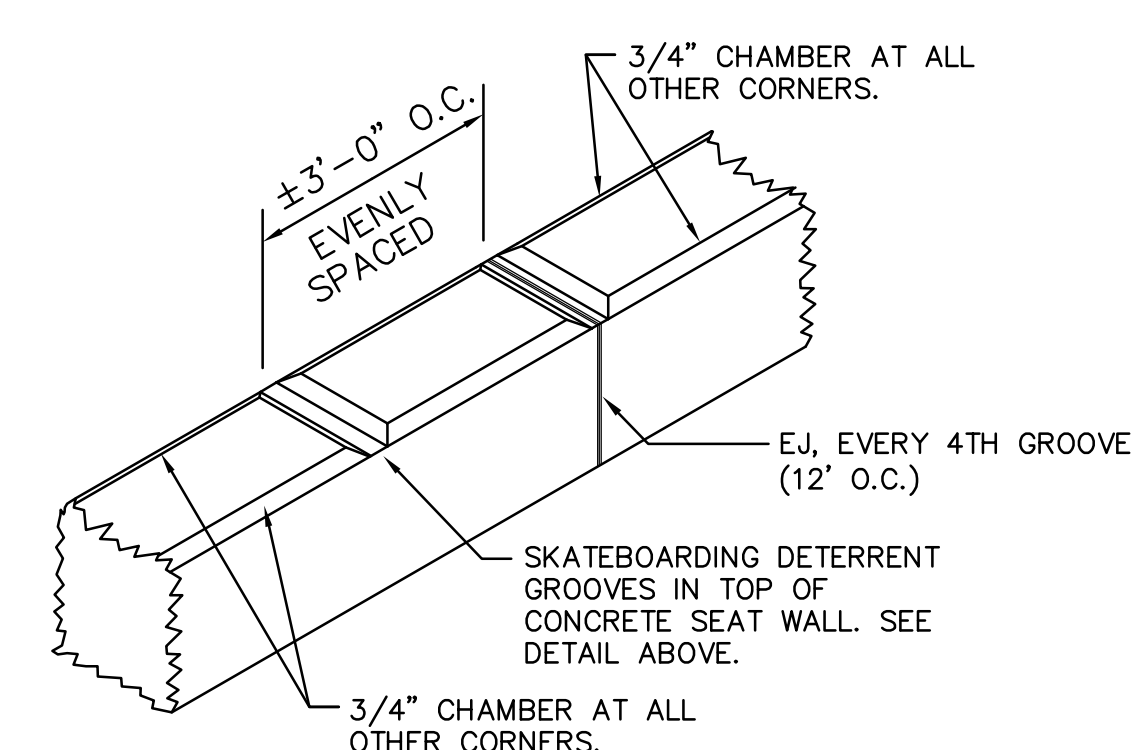
10 C7.1 8" APPARATUS CURB NO SCALE



7 C7.1 CONCRETE SEATWALL NO SCALE

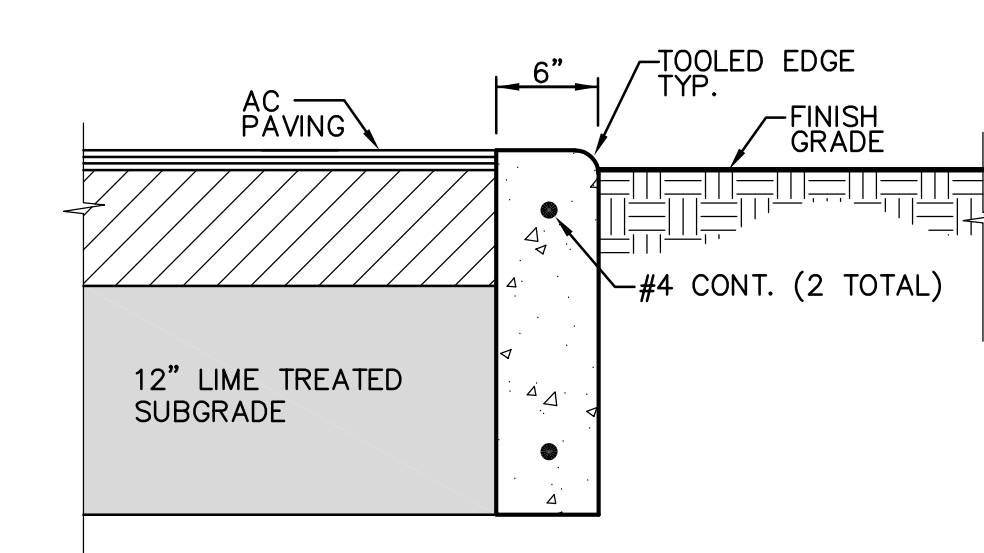


ANTI SKATE GROOVES

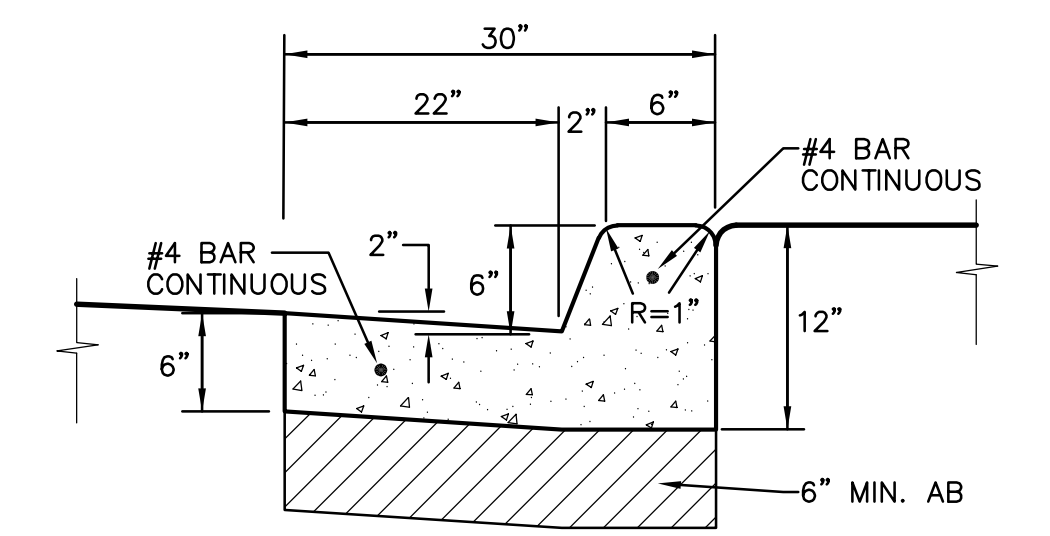


ANTI SKATE GROOVES

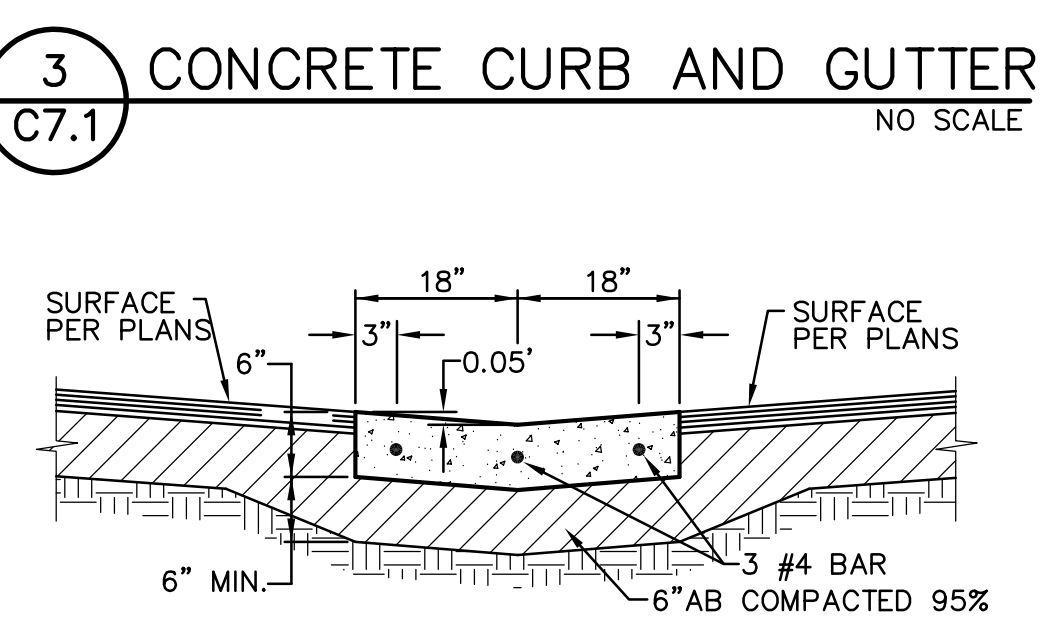
8 C7.1 ANTI SKATE GROOVES NO SCALE



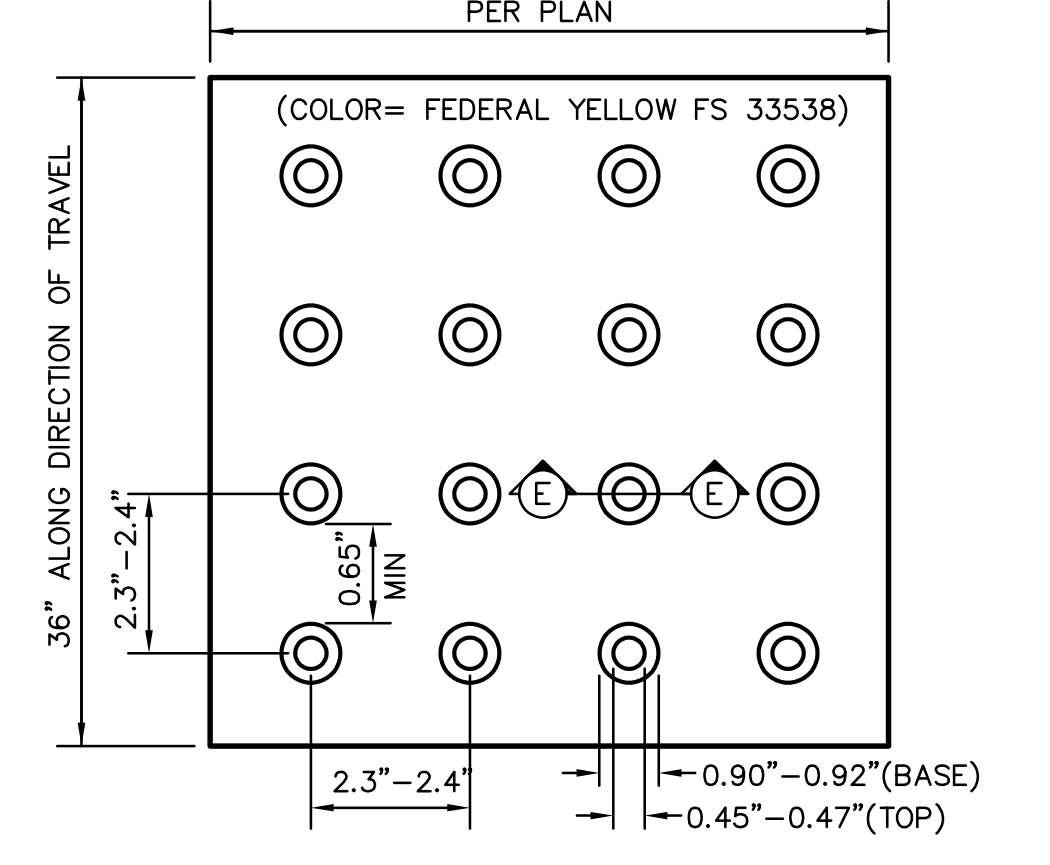
9 C7.1 FLUSH CONCRETE CURB NO SCALE



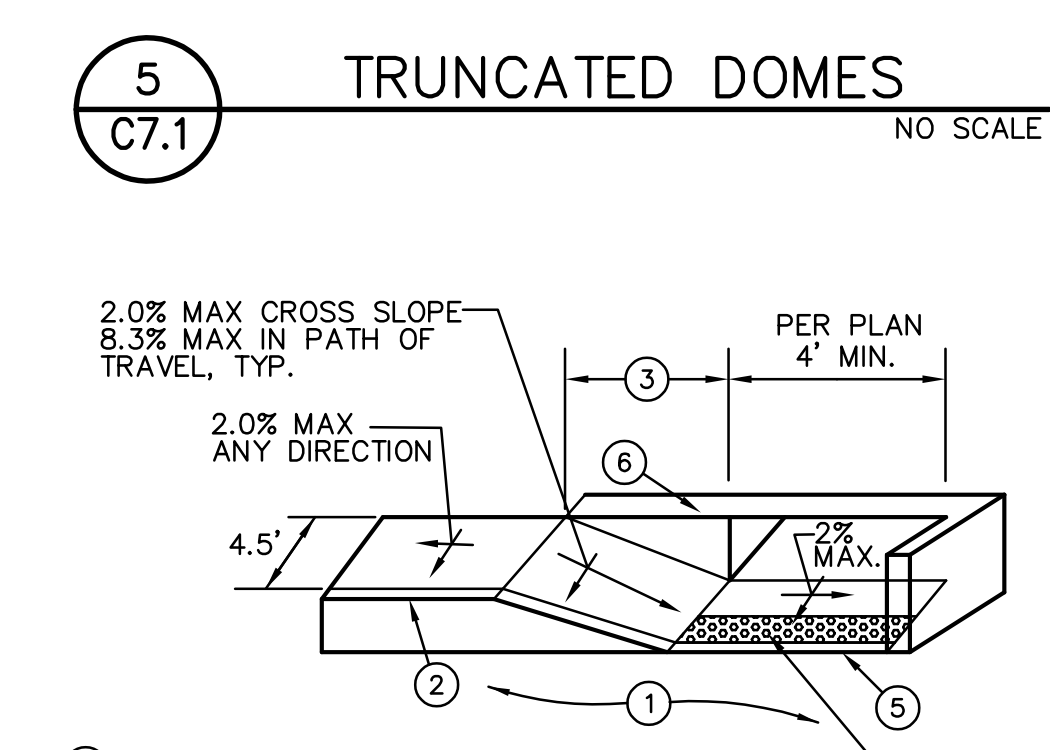
3 C7.1 CONCRETE CURB AND GUTTER NO SCALE



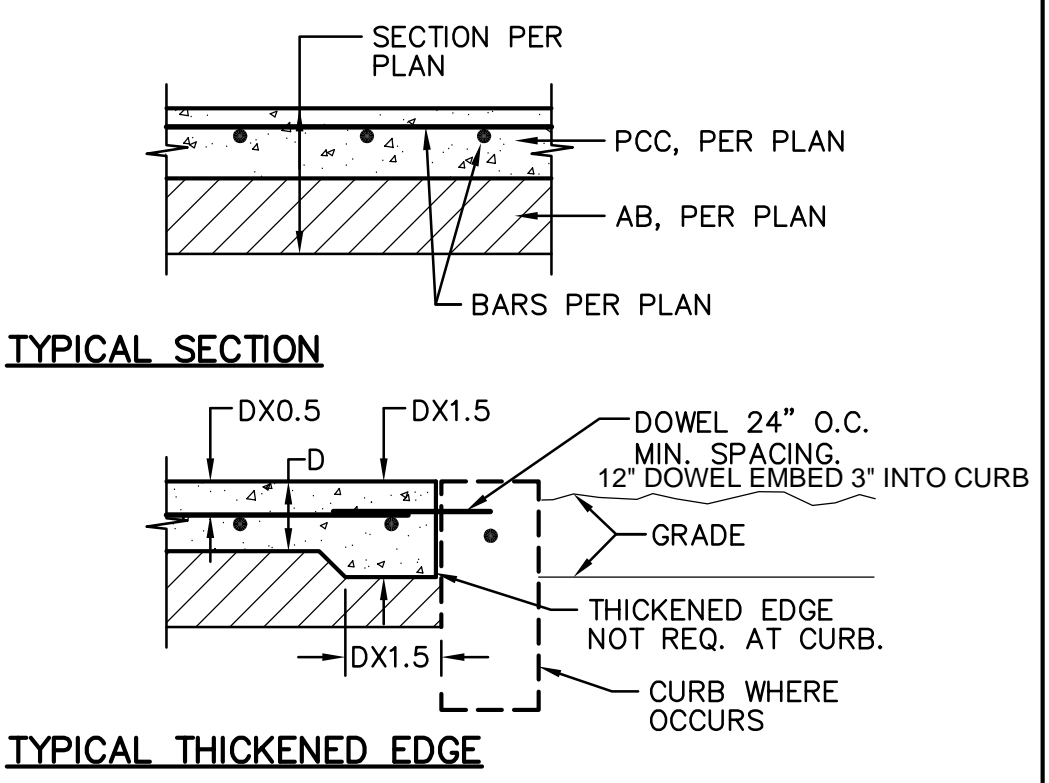
4 C7.1 CONCRETE VALLEY GUTTER NO SCALE



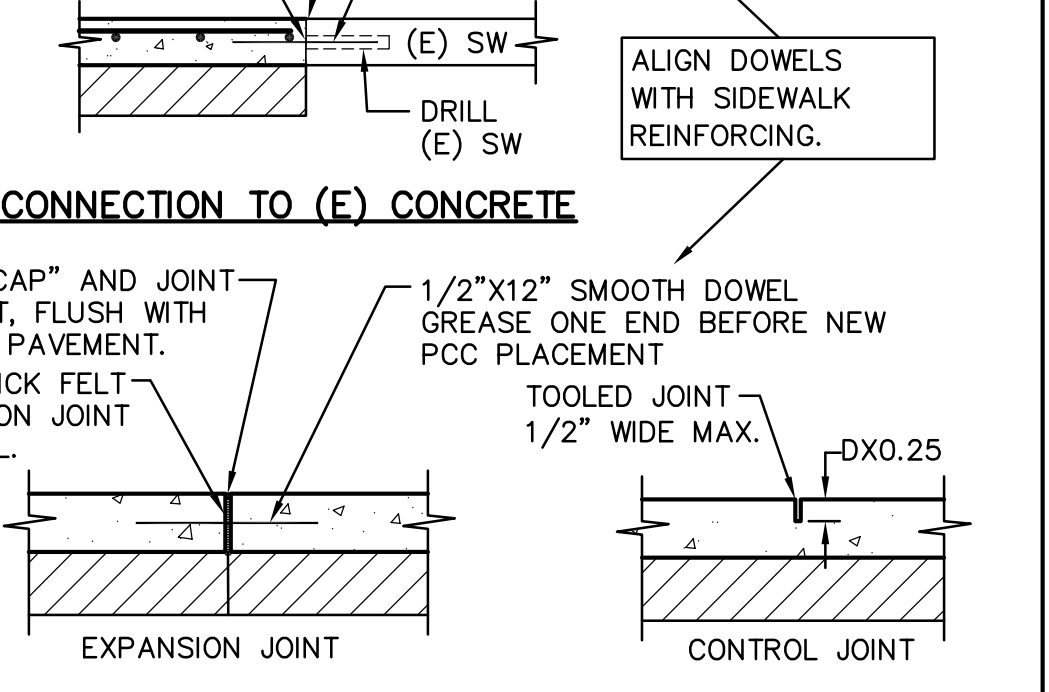
5 C7.1 TRUNCATED DOMES NO SCALE



6 C7.1 ACCESSIBLE CURB RAMP NO SCALE

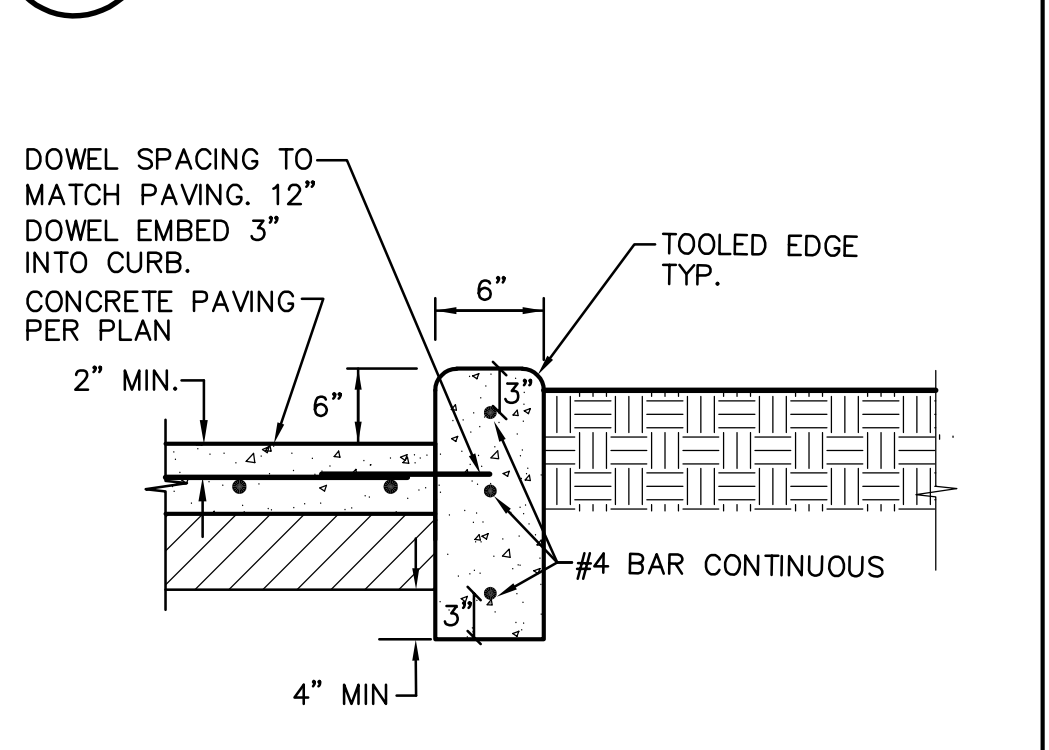


TYPICAL THICKENED EDGE

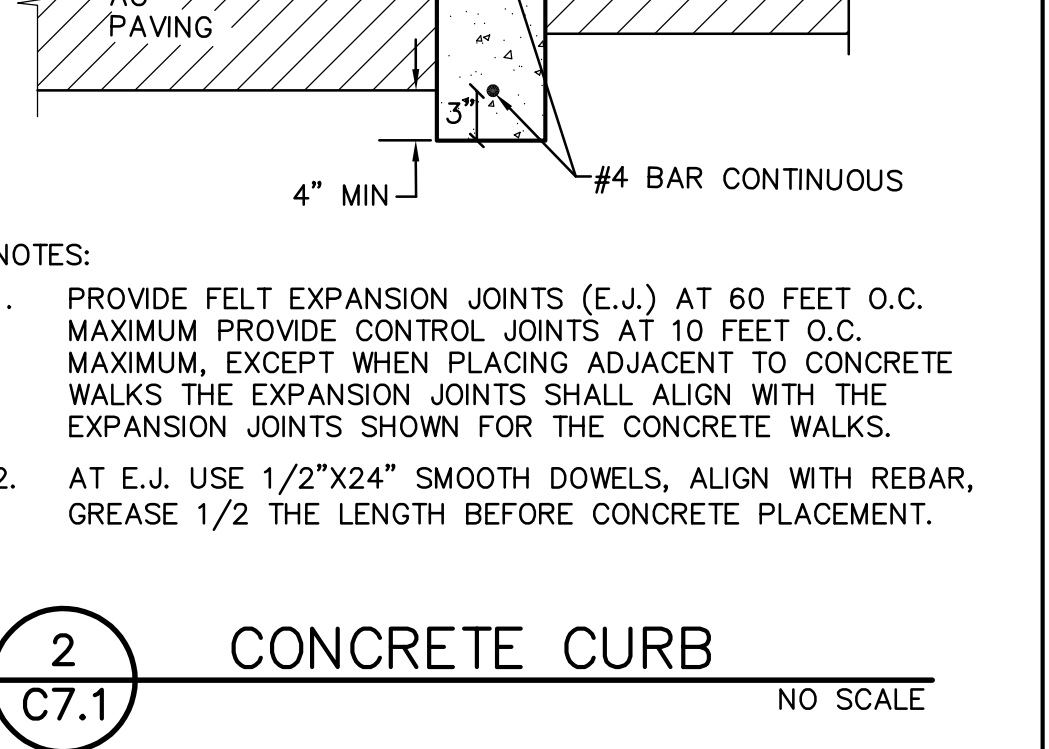


TYPICAL JOINTS

1 C7.1 CONCRETE SIDEWALK NO SCALE



2 C7.1 CONCRETE CURB NO SCALE



2 C7.1 CONCRETE CURB NO SCALE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120968 INC.
REVIEWED FOR
SS FLS ACS
DATE: 02/08/2023

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STATE OF CALIFORNIA

ENGINEER
REGISTERED PROFESSIONAL ENGINEER
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Ren.: 9/30/23
STATE OF CALIFORNIA

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NO.	REMARKS	DATE

REVISION HISTORY

DATE: 02.07.2023

DRAWING STATUS
 DSA PLAN CHECK
 DSA BACK CHECK
 BIDDING
 CONSTRUCTION

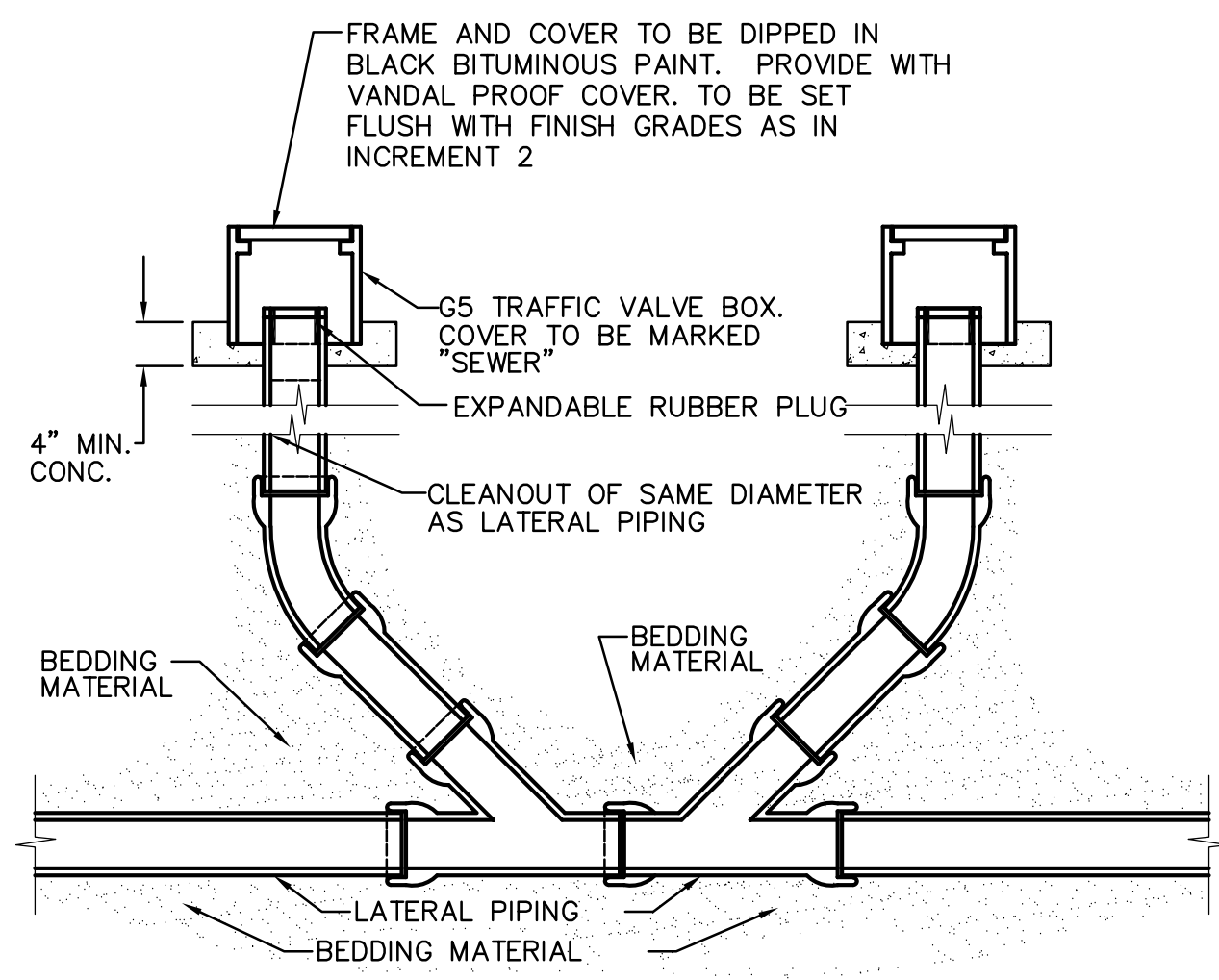
KEY PLAN

Sacramento Unified School District
425 1st AVENUE
SACRAMENTO, CA 95818

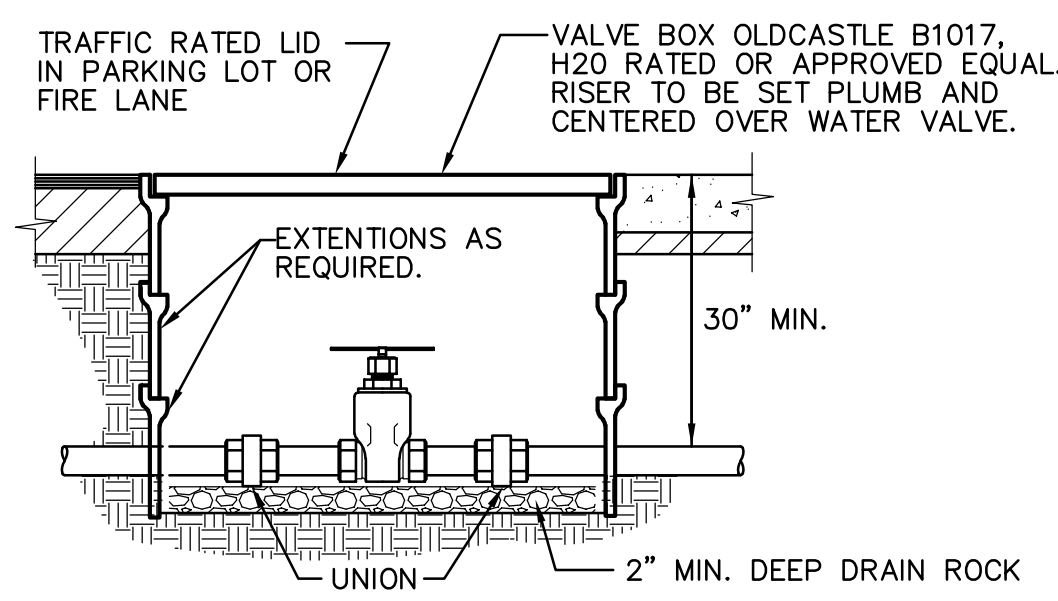
CONSTRUCTION DOCUMENTS
SCUSD Bret Harte ES
Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement
2751 9th Avenue
Sacramento, CA 95818

DETAILS AND SECTIONS

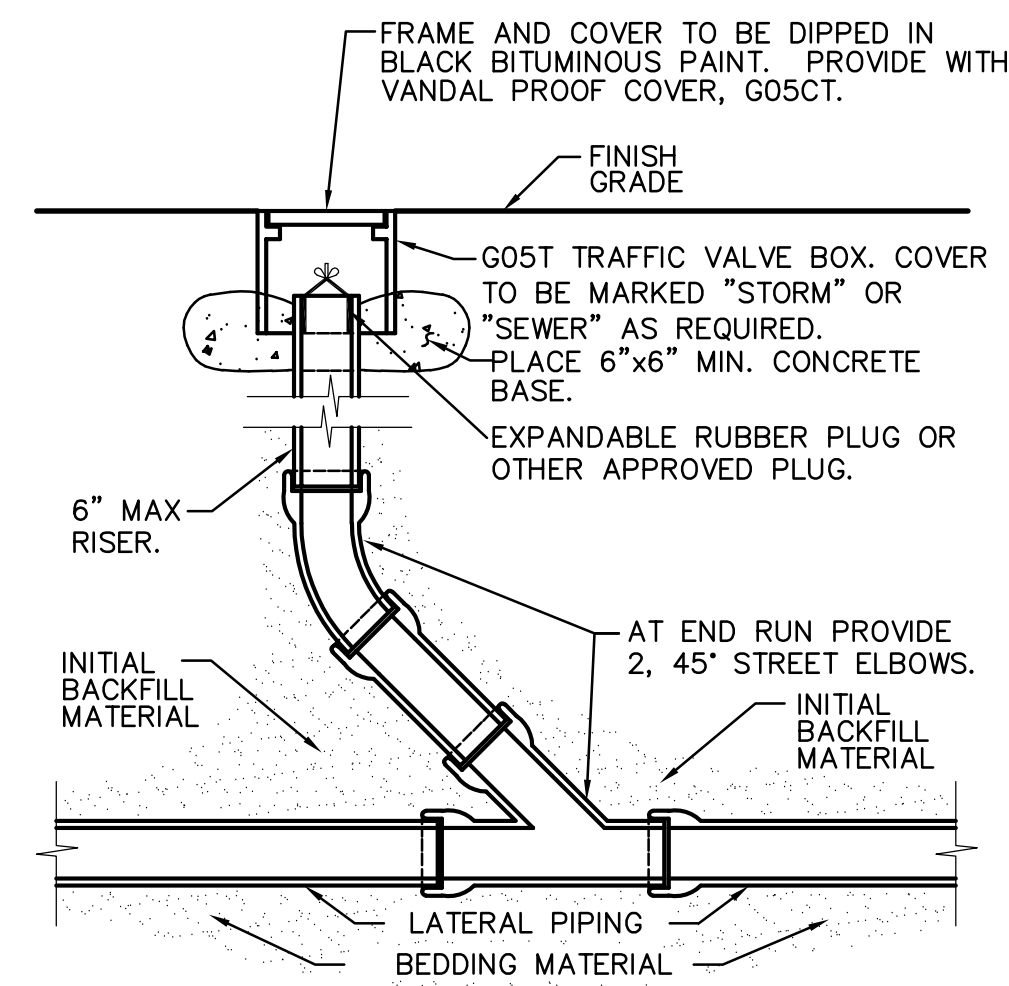
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Project Number: 22035
Drawing Number: C7.1



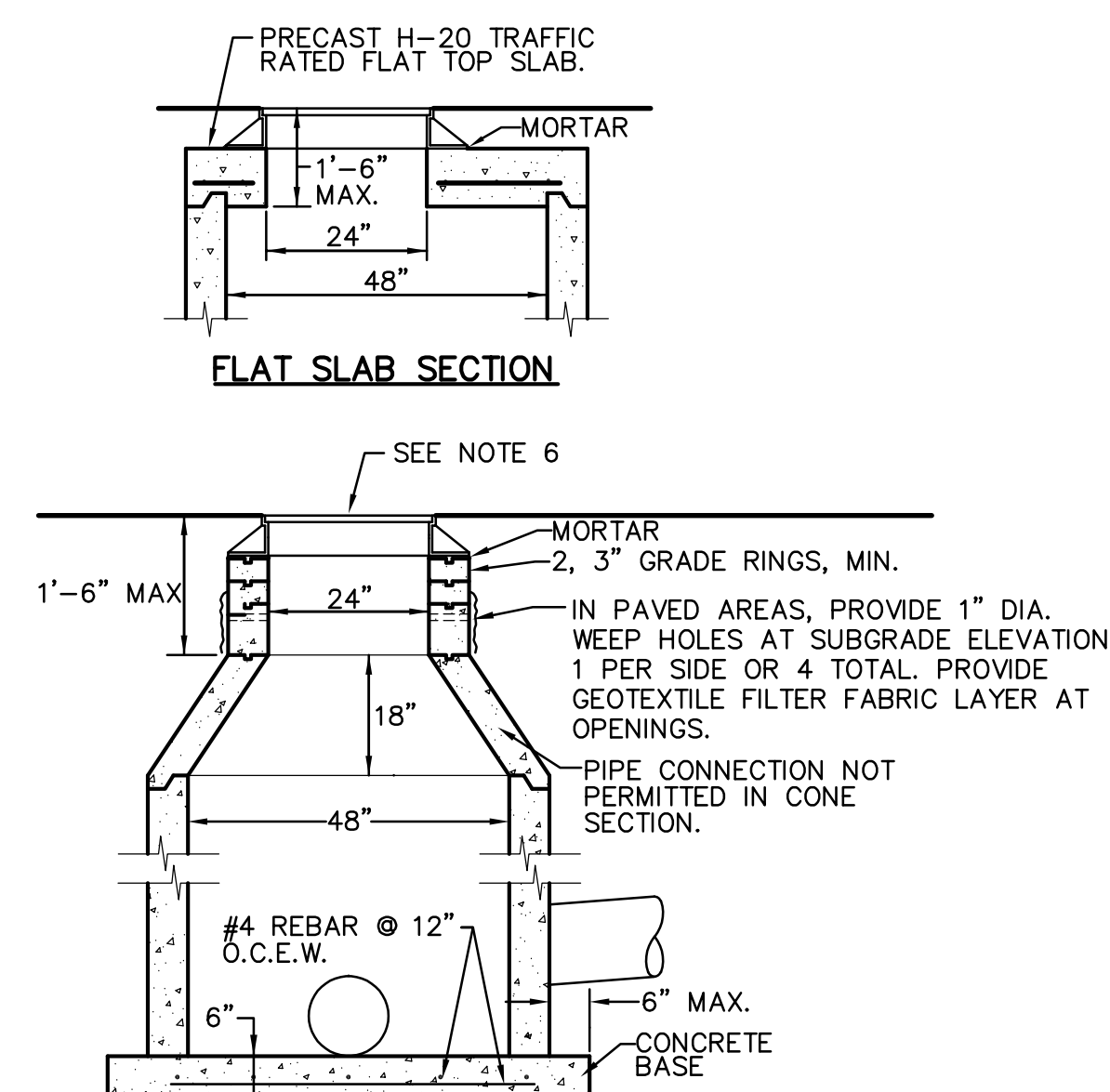
14 2-WAY SEWER CLEANOUT
C7.2 NO SCALE



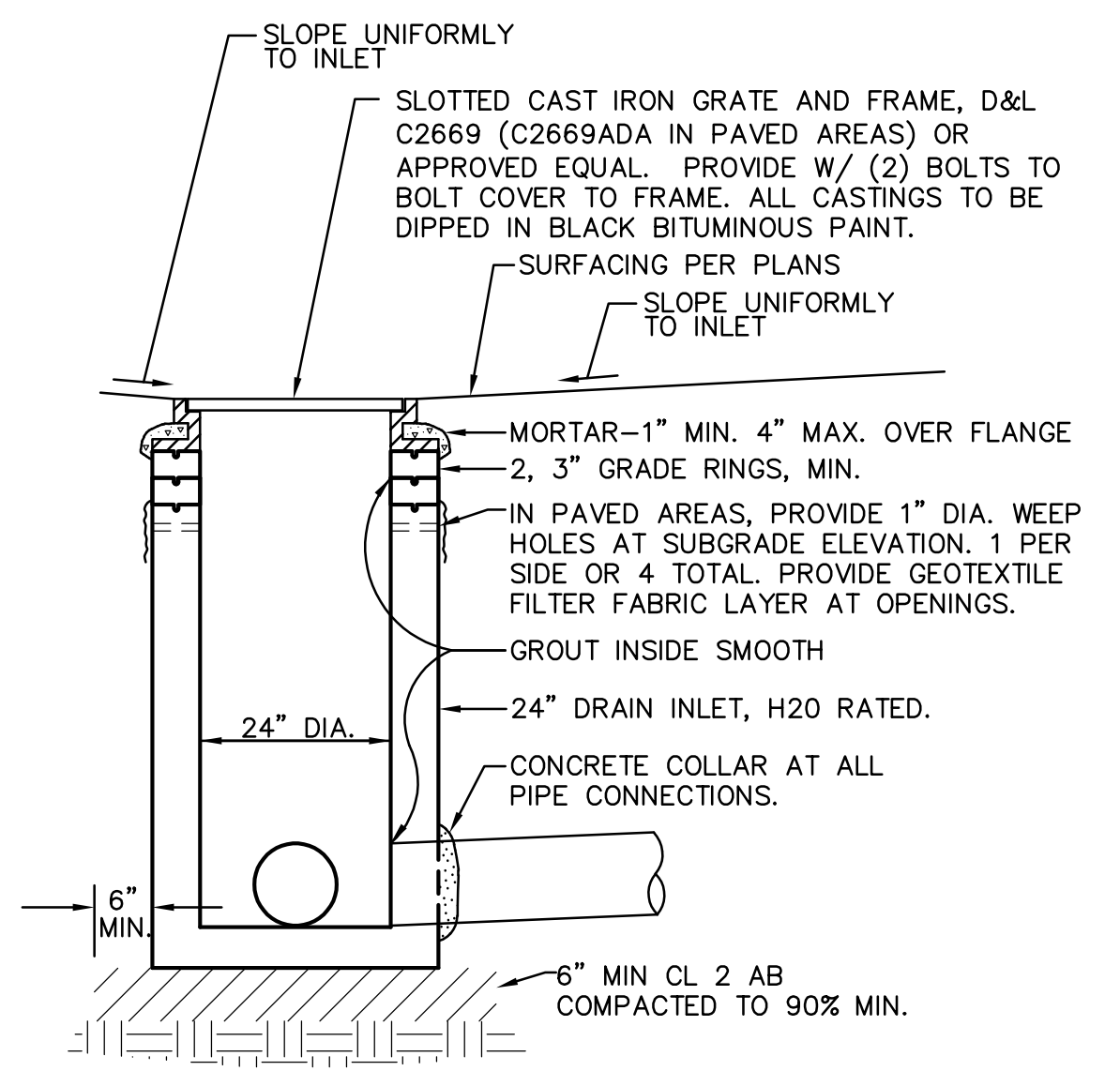
10 WATER VALVE
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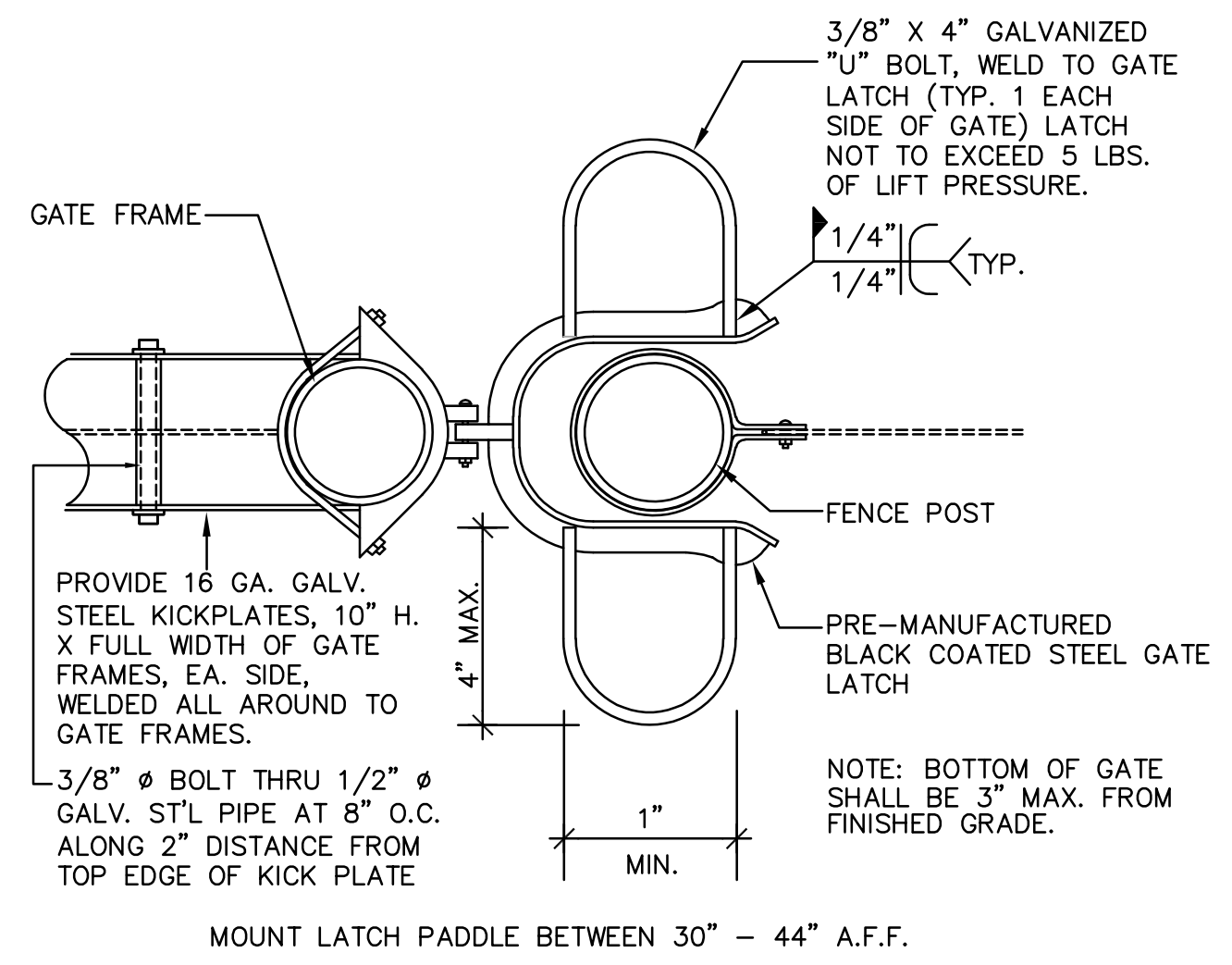
7 CLEANOUT
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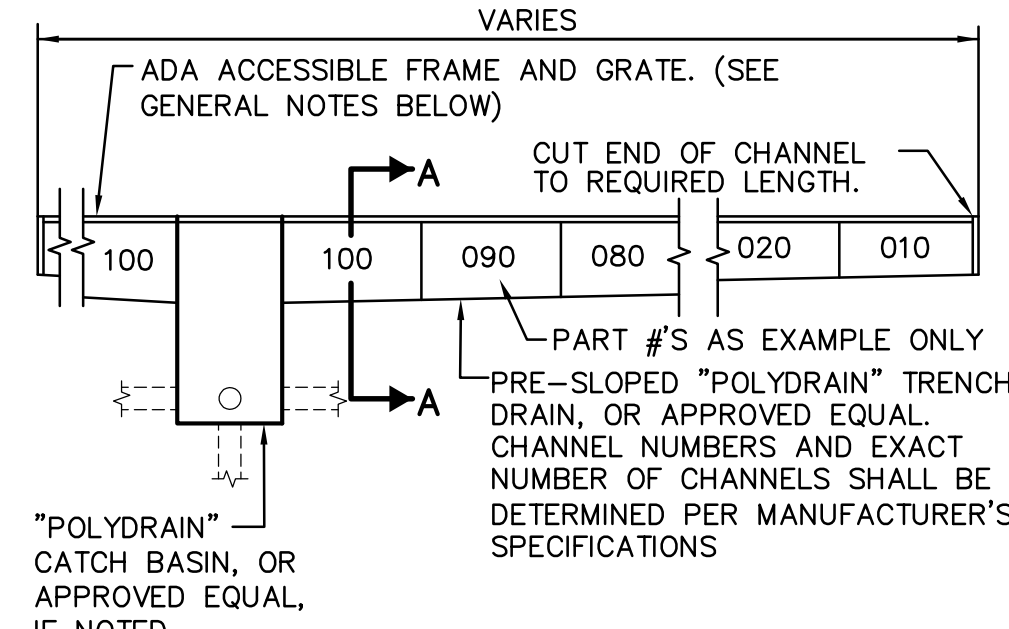
4 STORM DRAIN MANHOLE
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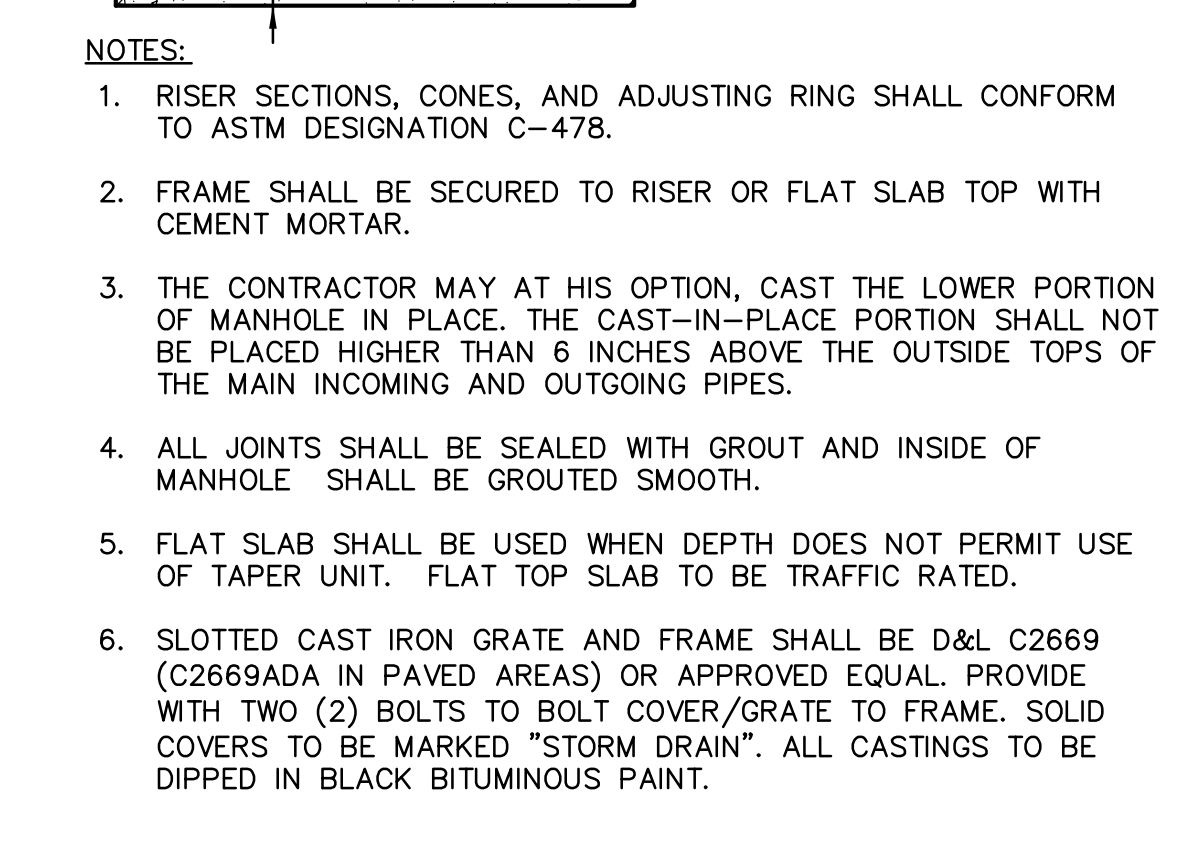
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C7.2 BOX DESIGN LOAD: H-20 TRAFFIC NO SCALE



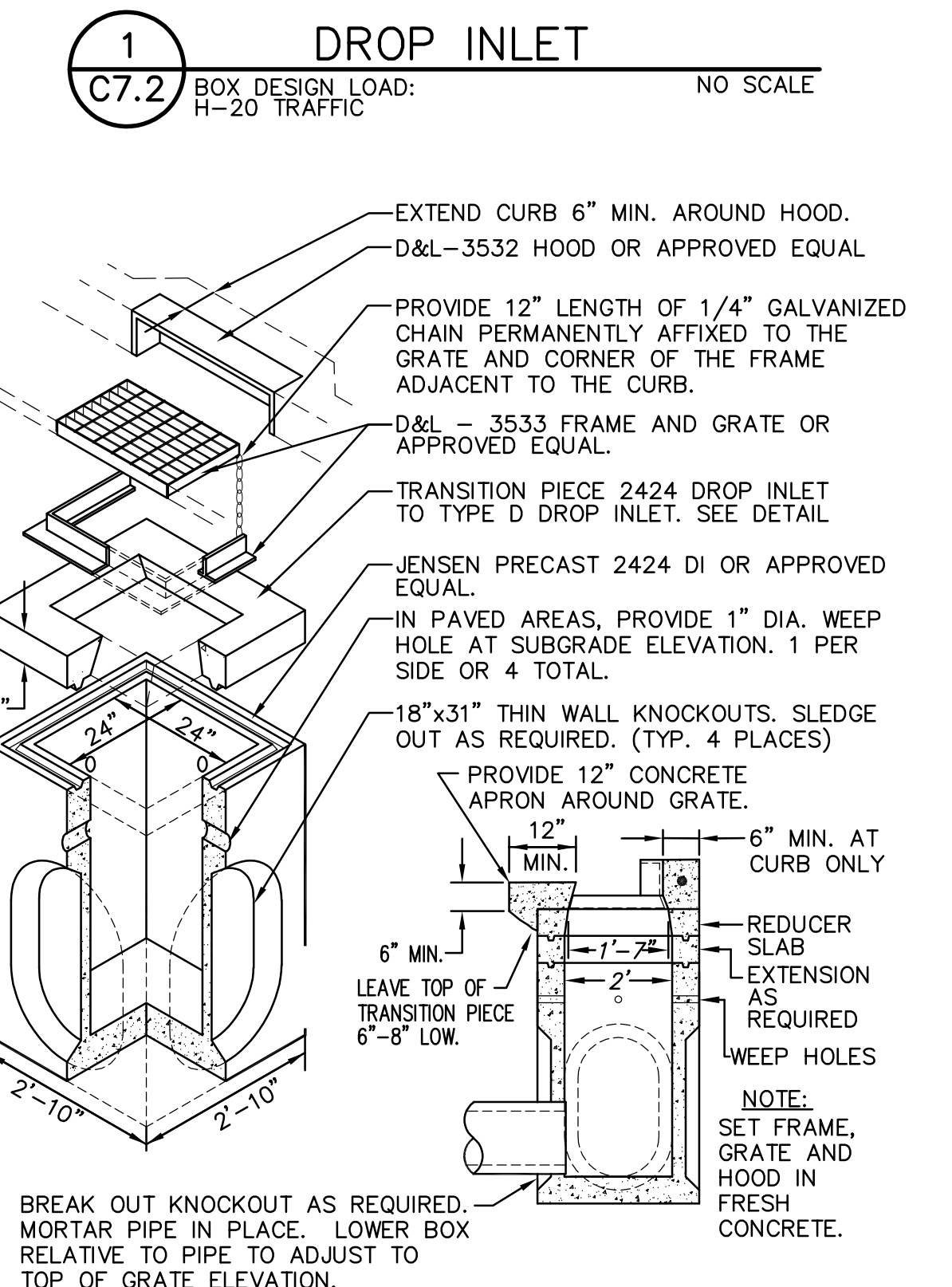
11 GATE LATCH
C7.2 NO SCALE



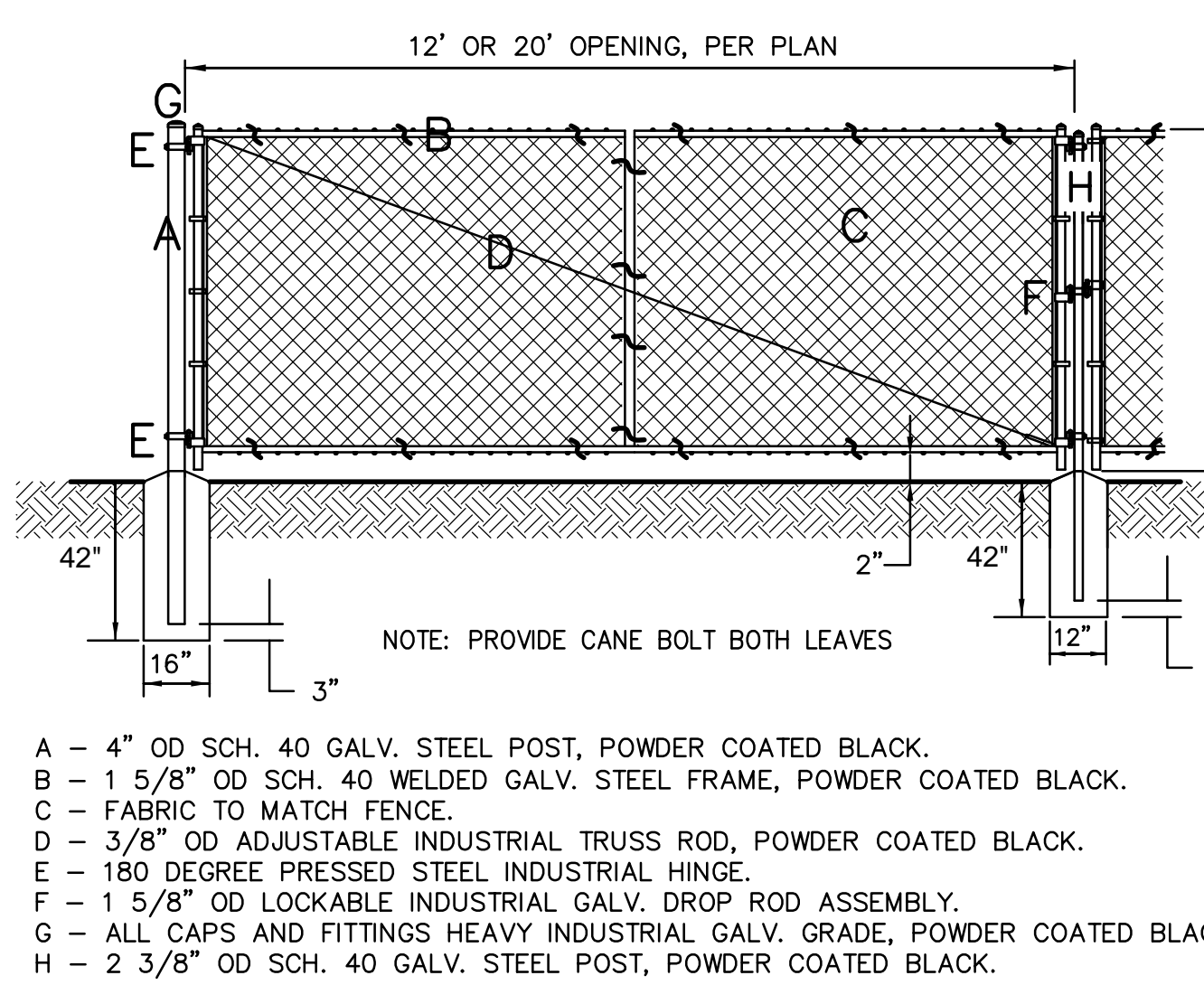
8 TRENCH DRAIN DETAIL
C7.2 NO SCALE



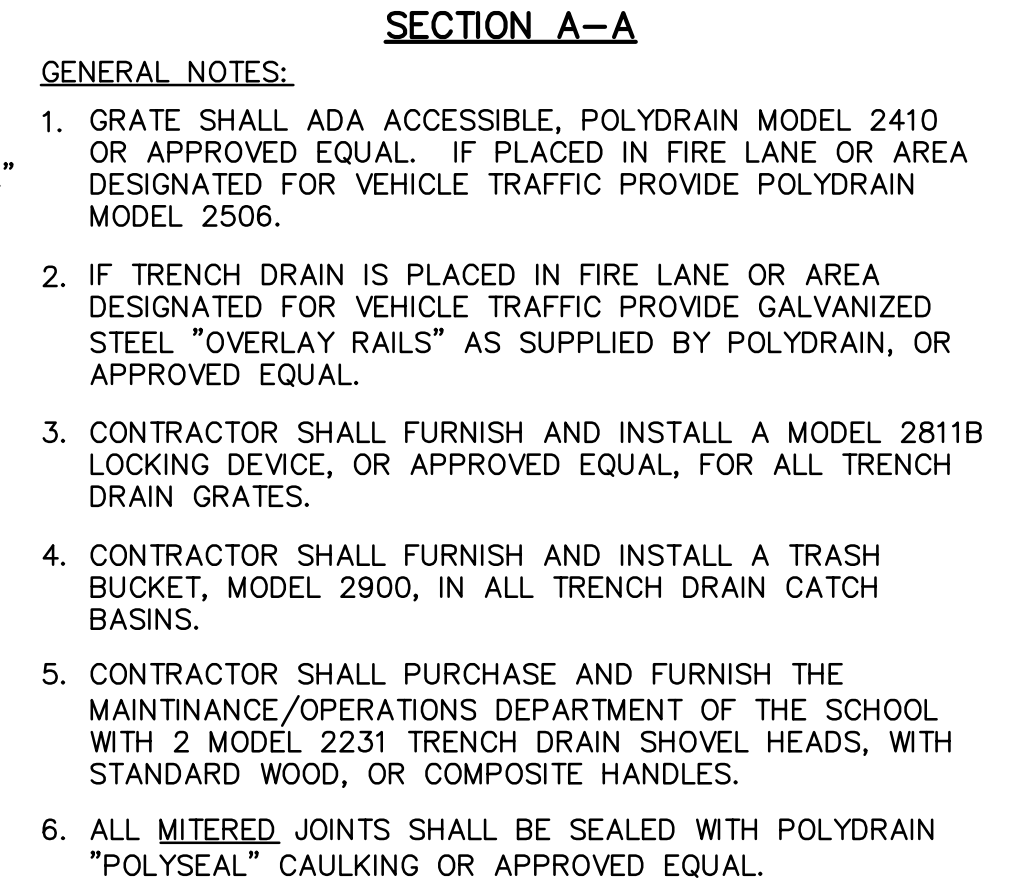
5 STORM DRAIN/SEWER TRENCH
C7.2 NO SCALE



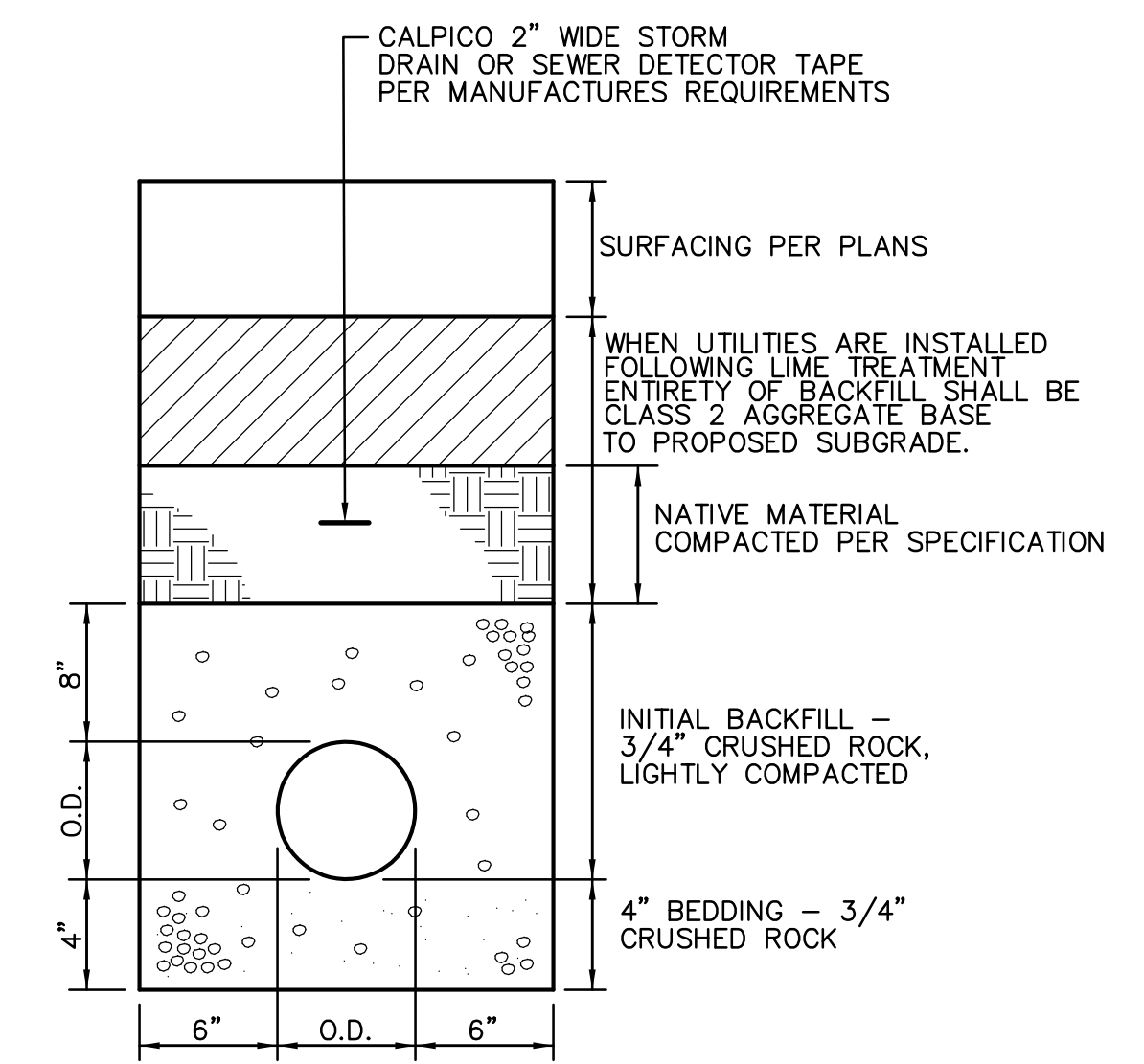
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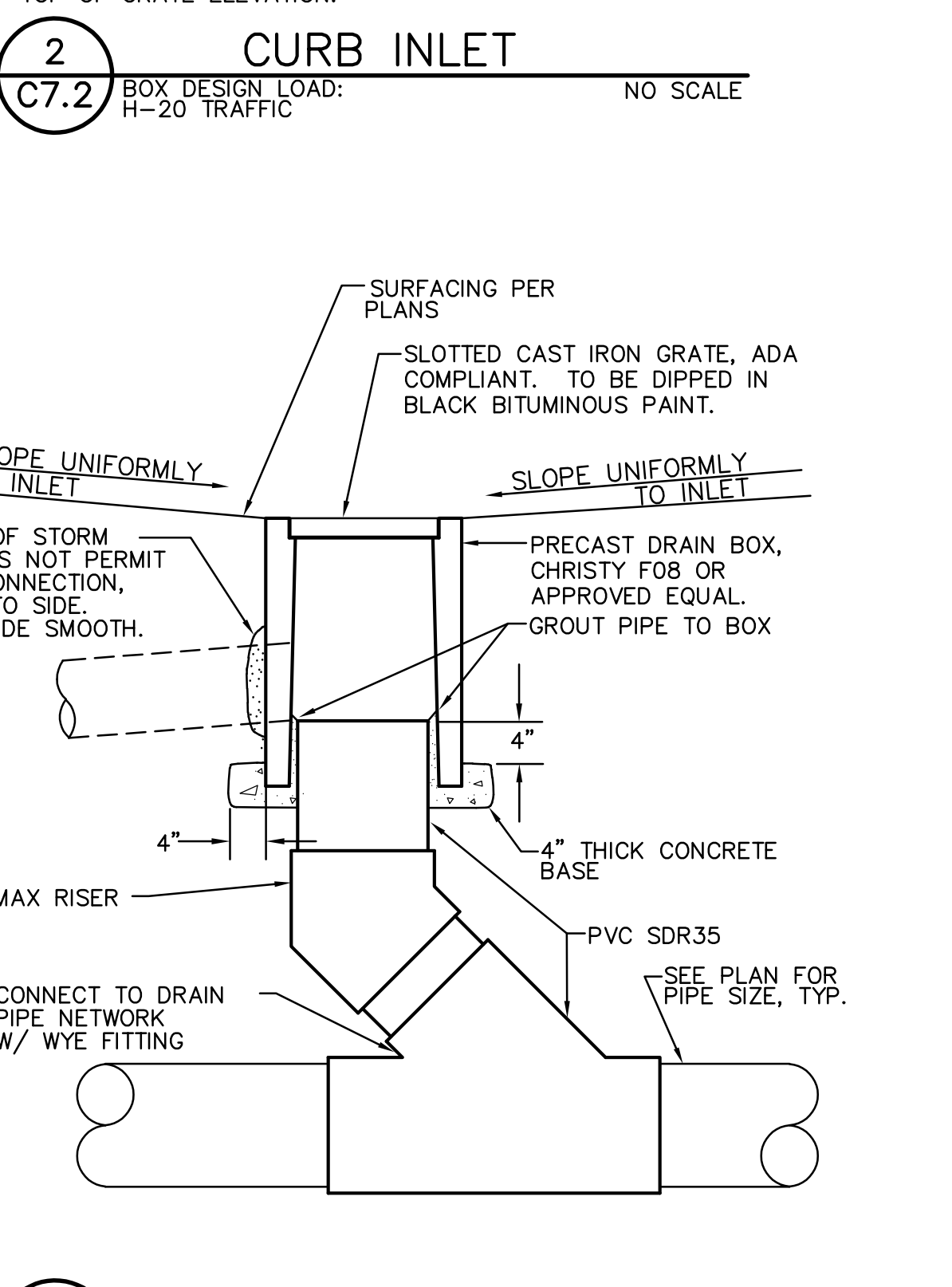
12 20' DOUBLE SWING CHAIN LINK GATE
C7.2 NO SCALE



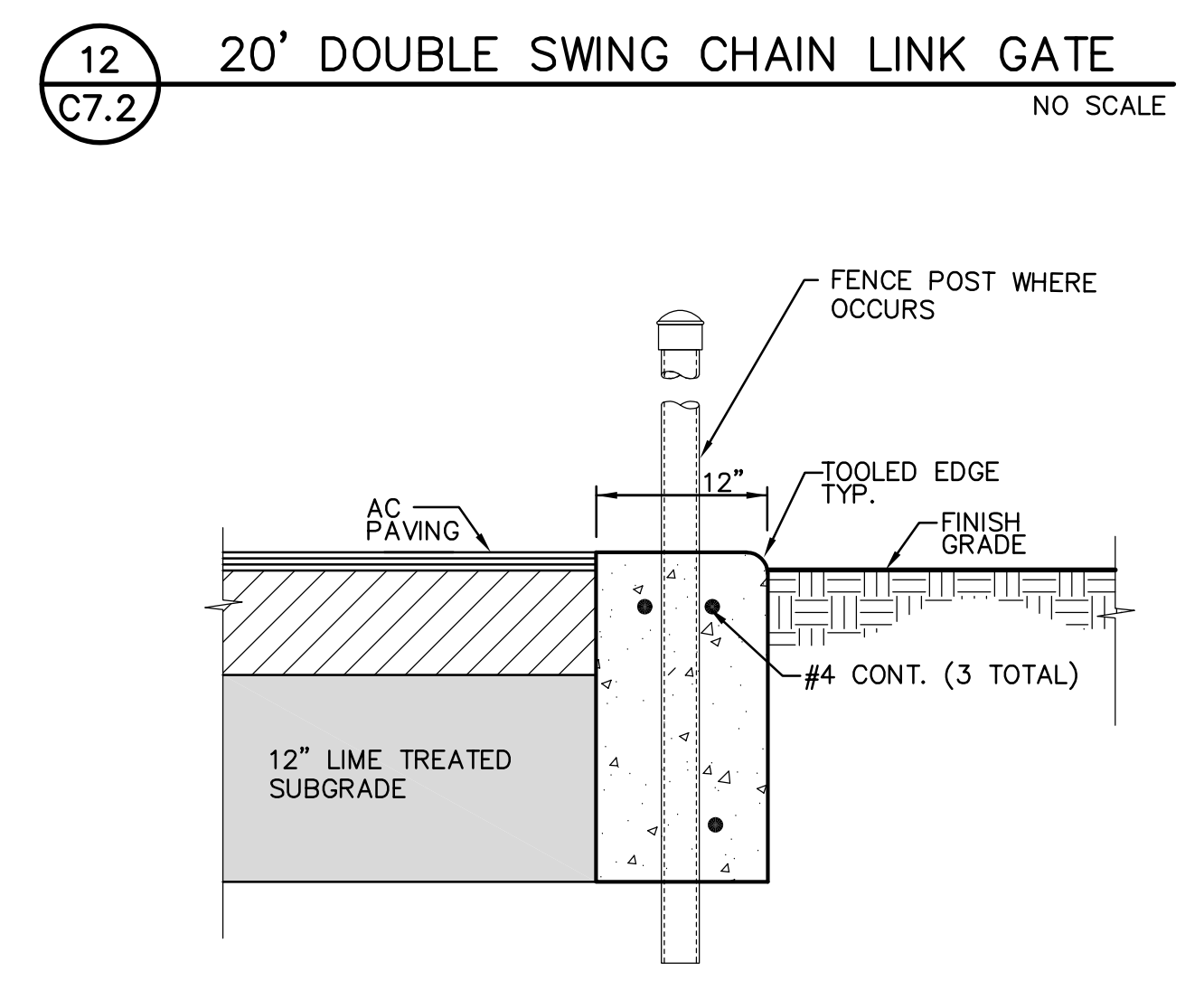
9 WATER/GAS TRENCH
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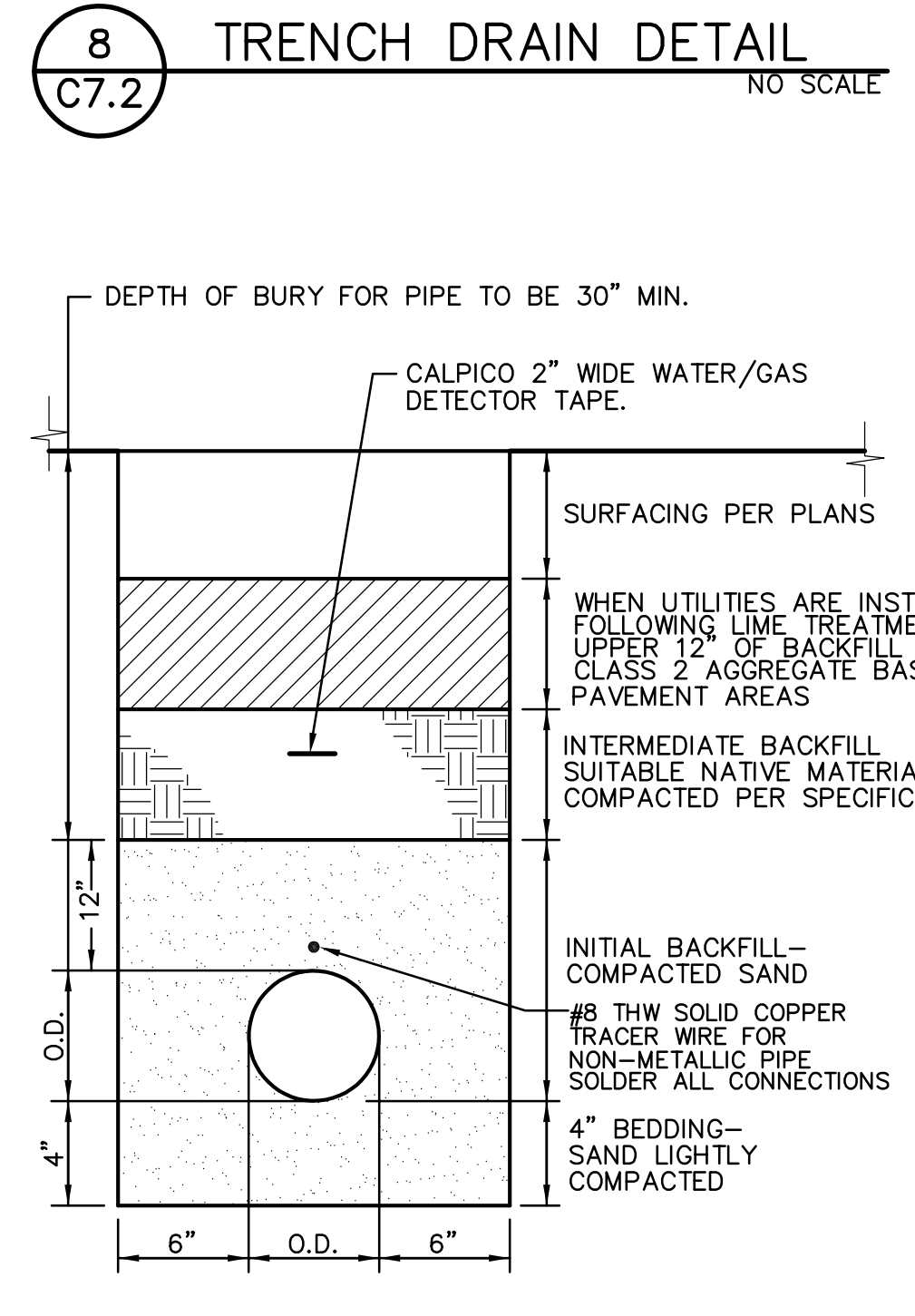
6 DOWNSPOUT CONNECTION
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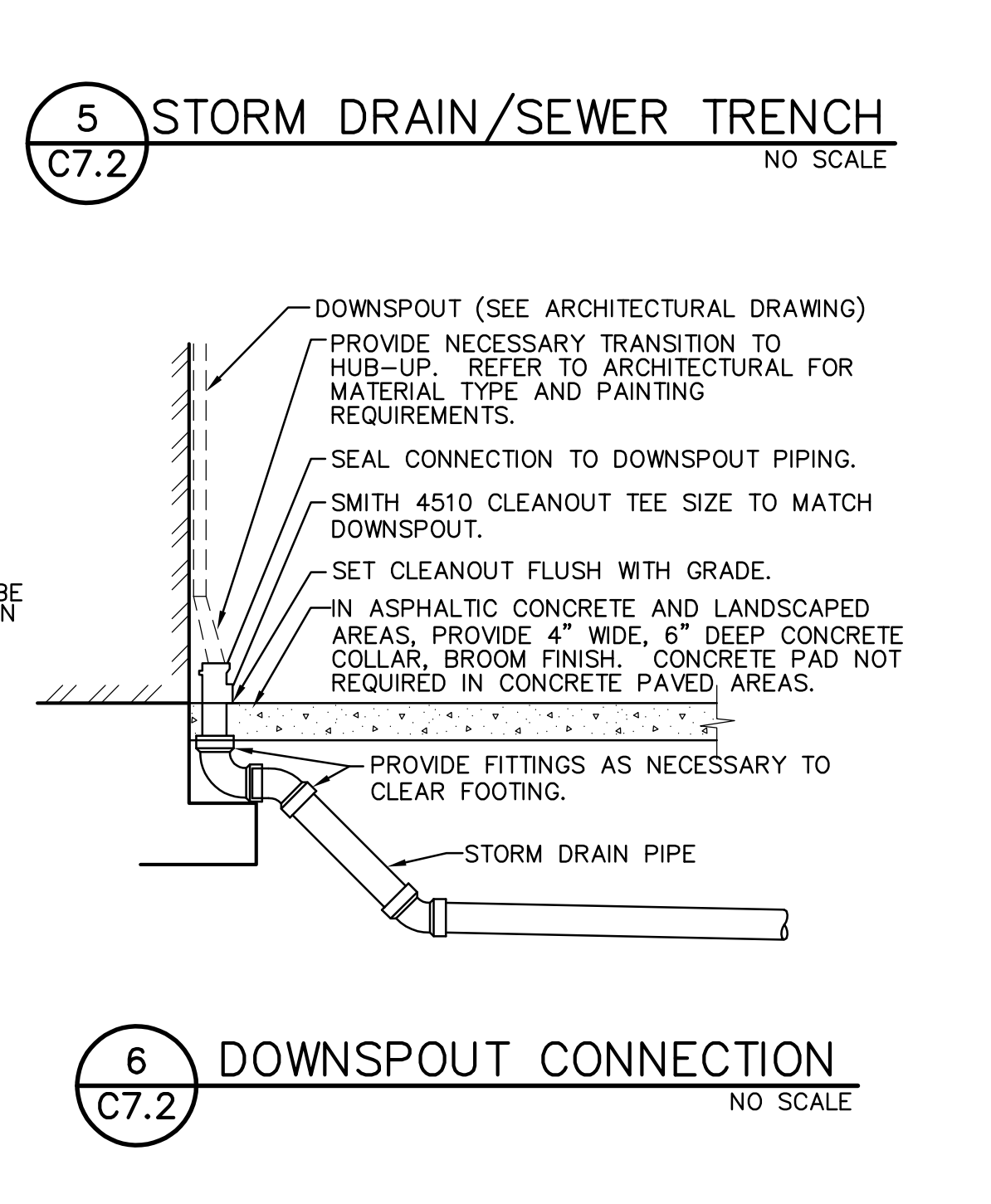
3 AREA DRAIN
C7.2 GRATE TO BE TRAFFIC RATED NO SCALE



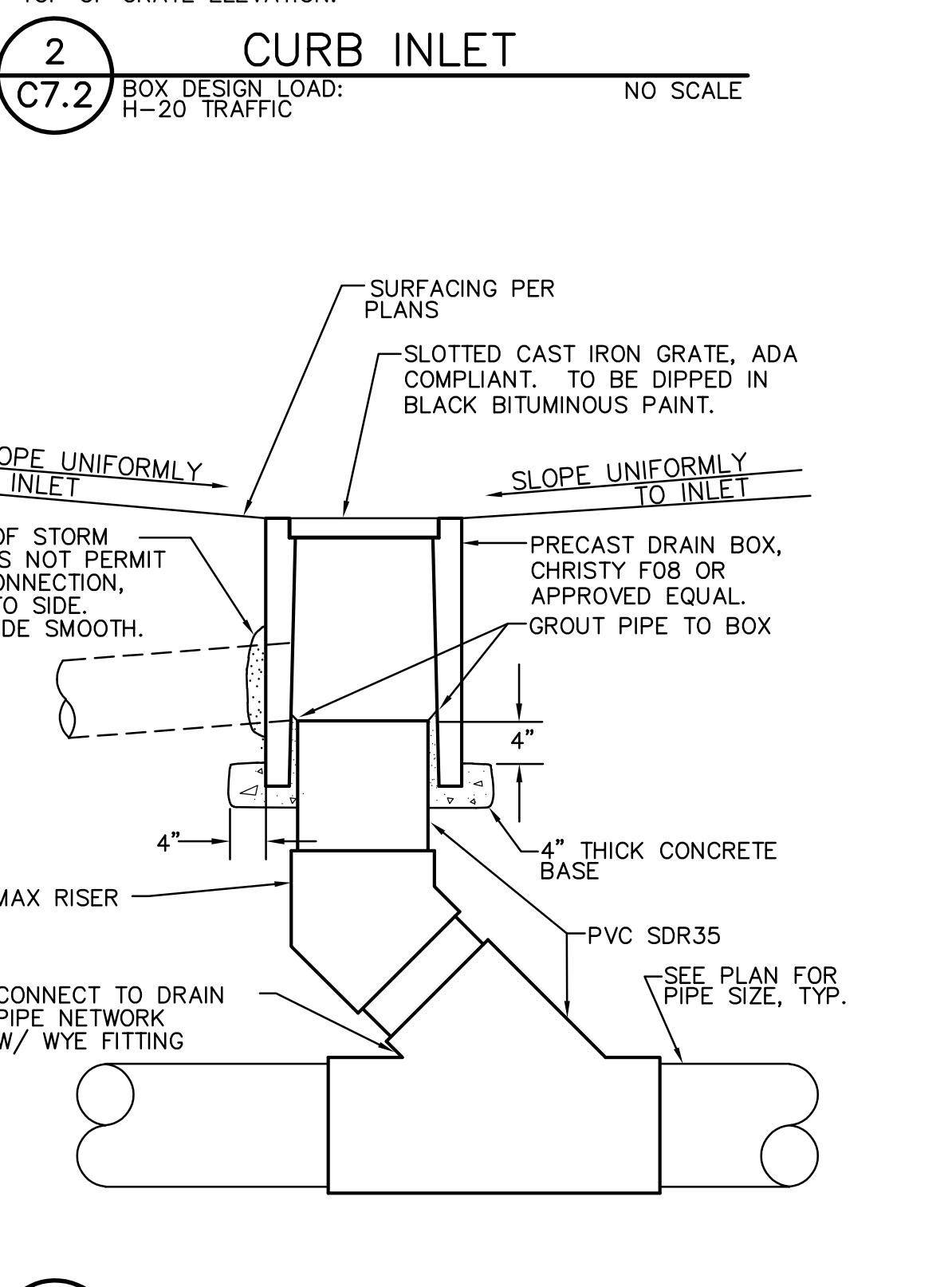
13 12\"/>



8 TRENCH DRAIN DETAIL
C7.2 NO SCALE



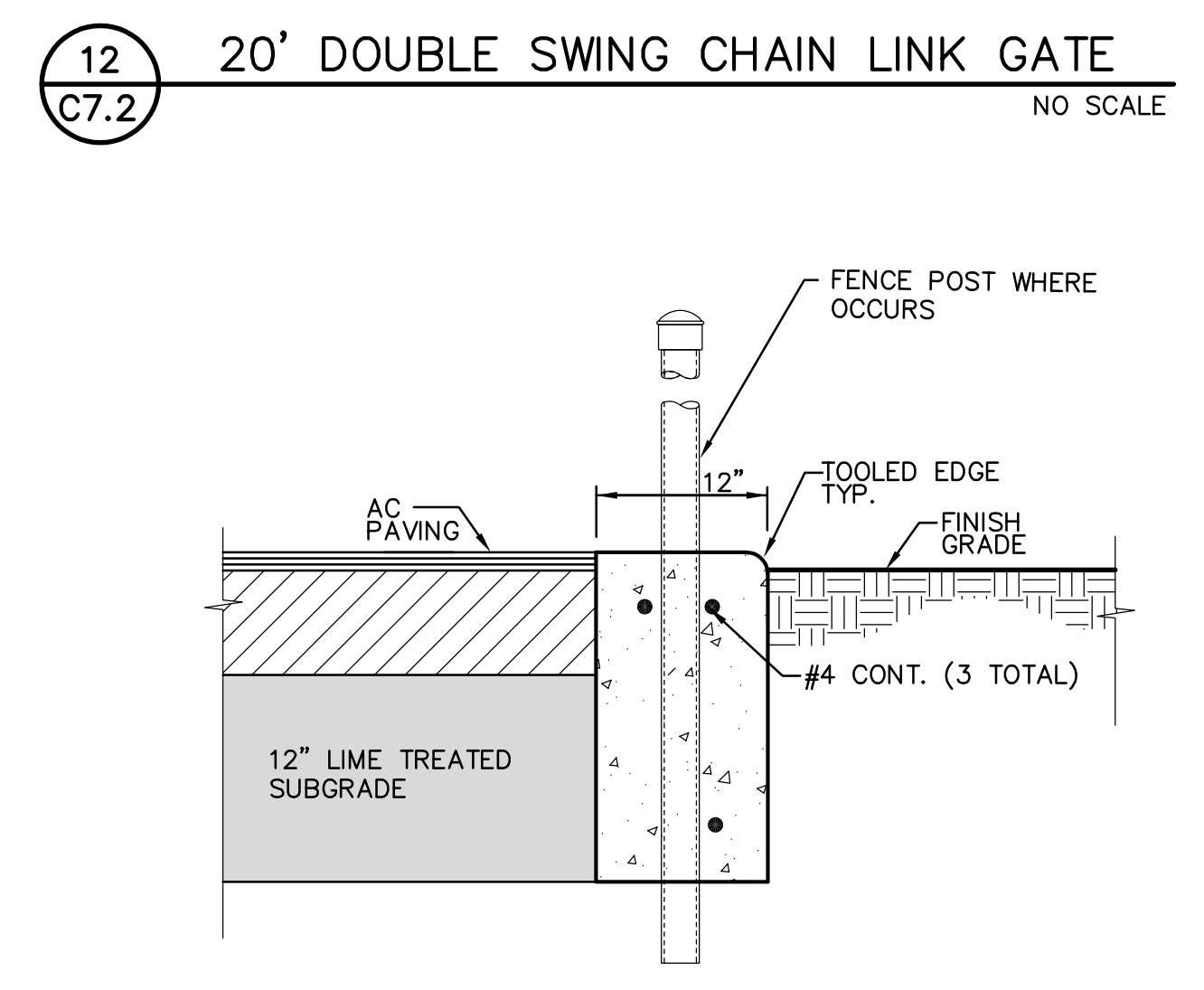
5 STORM DRAIN/SEWER TRENCH
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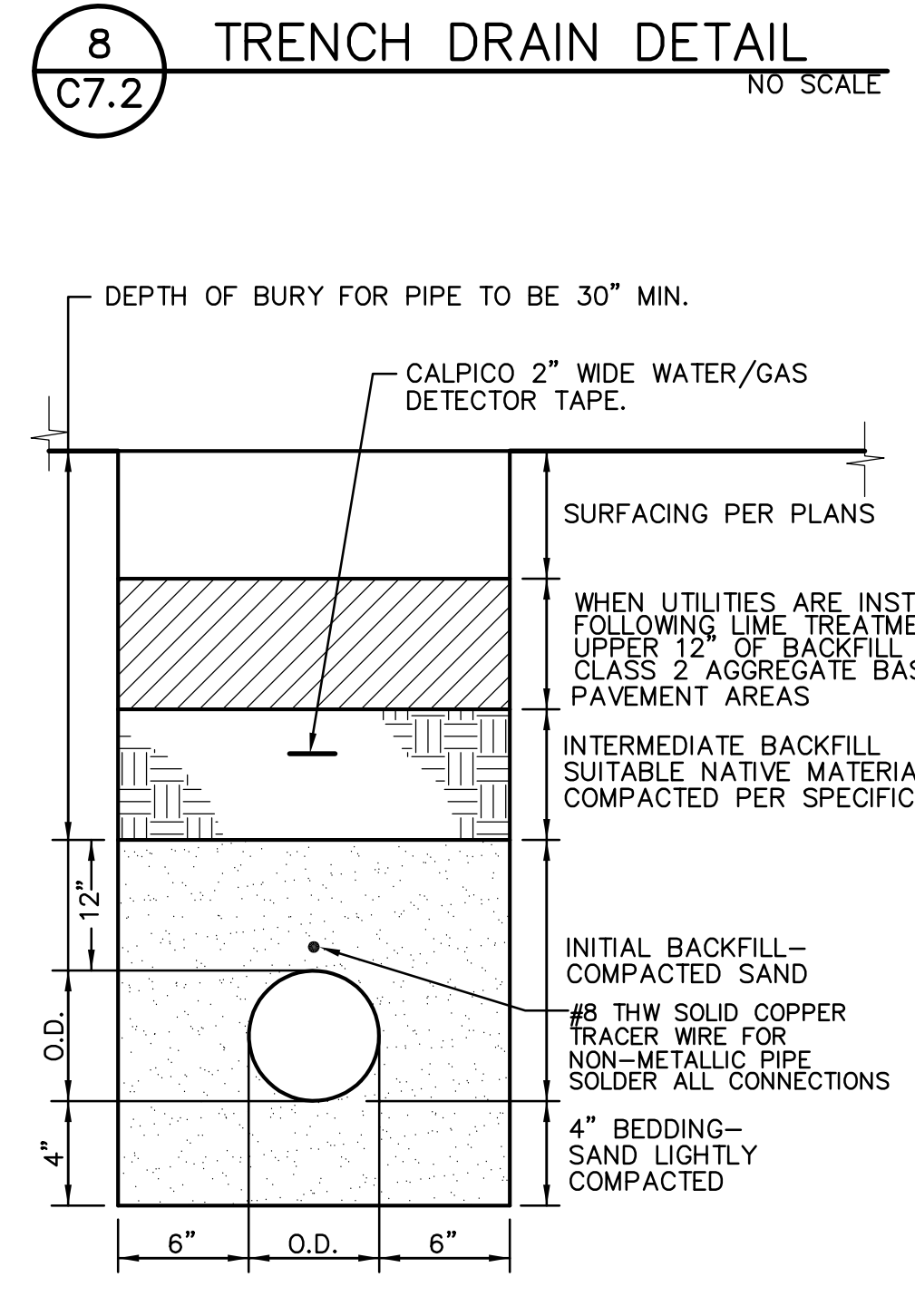
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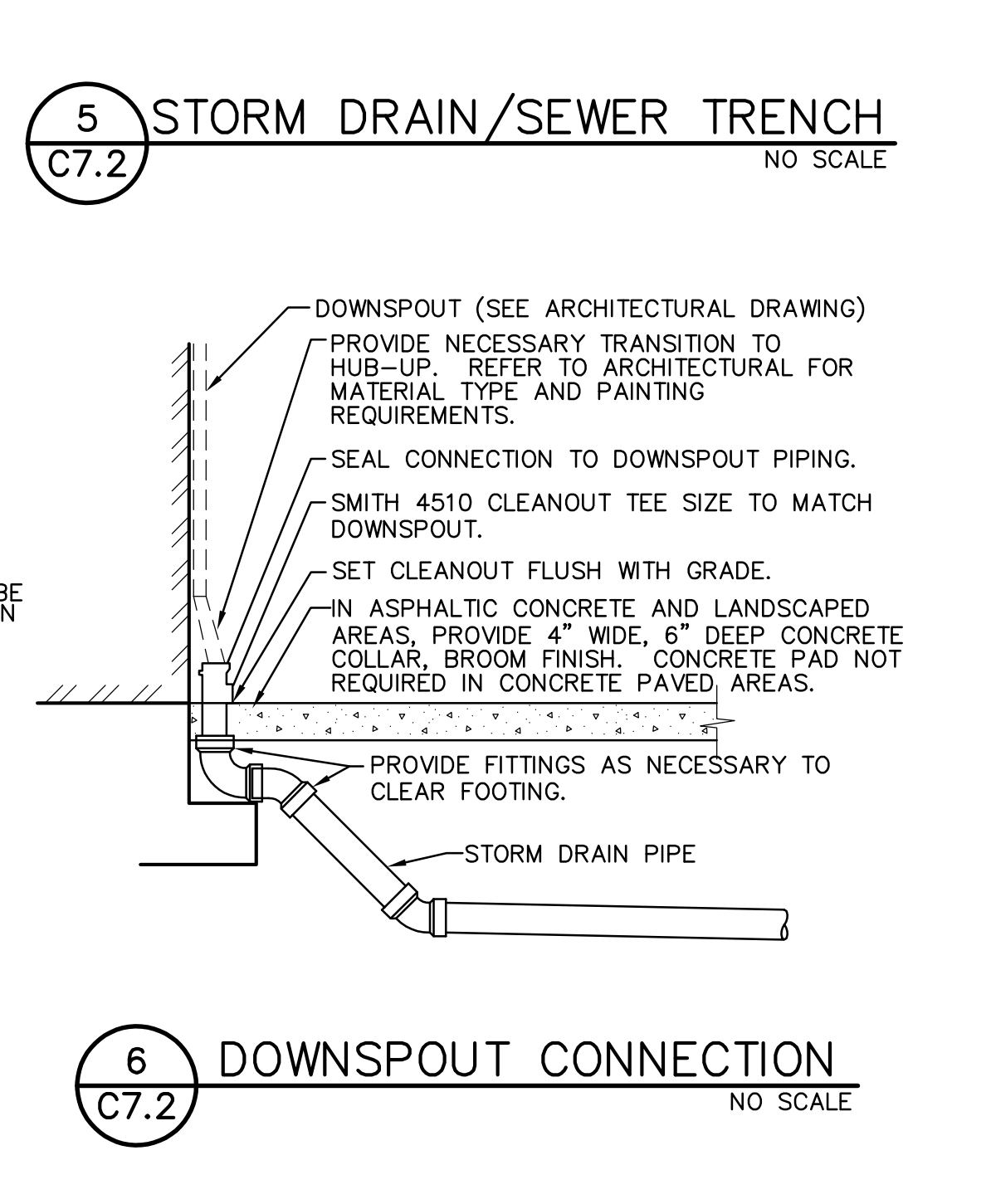
14 2-WAY SEWER CLEANOUT
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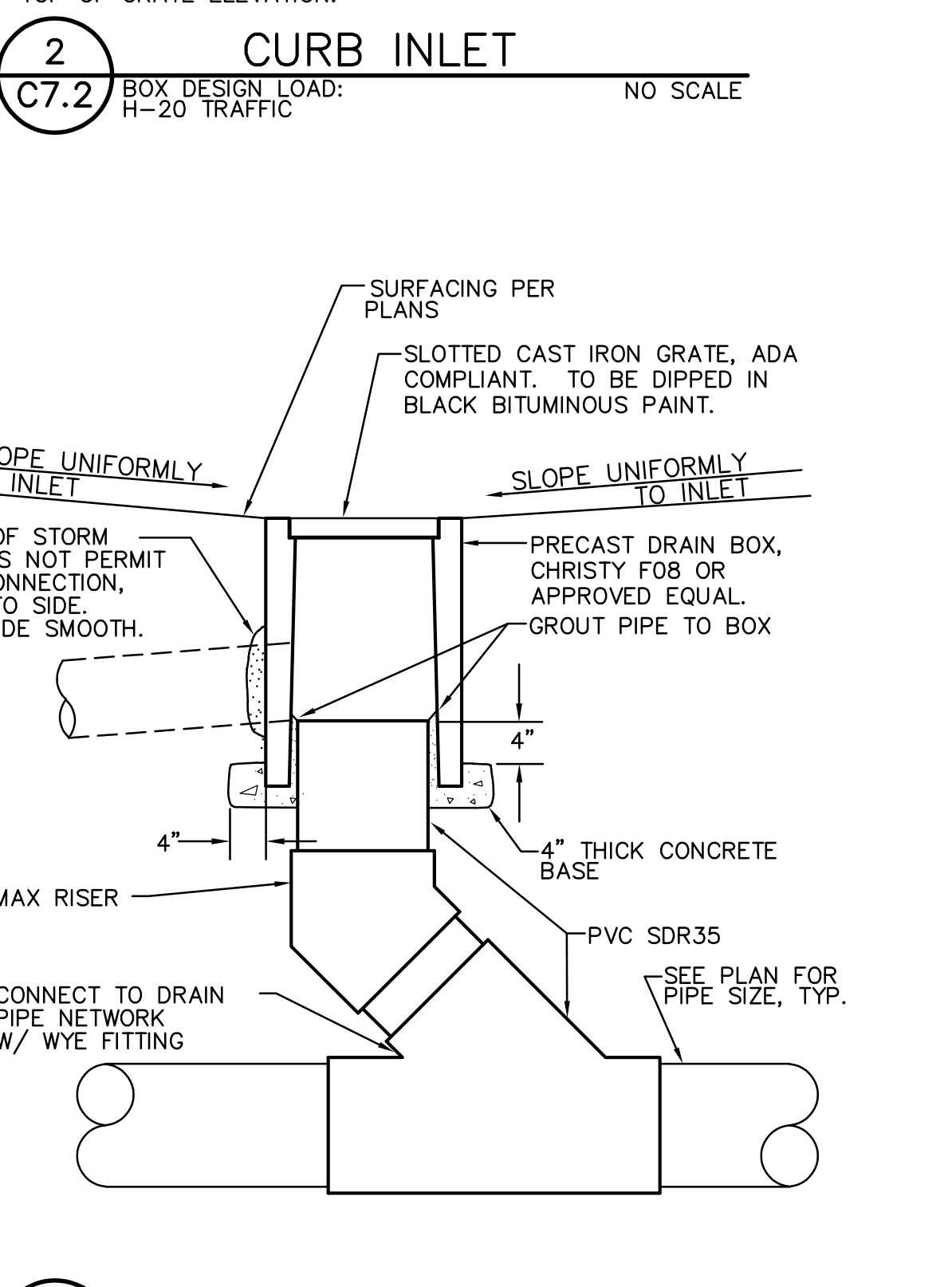
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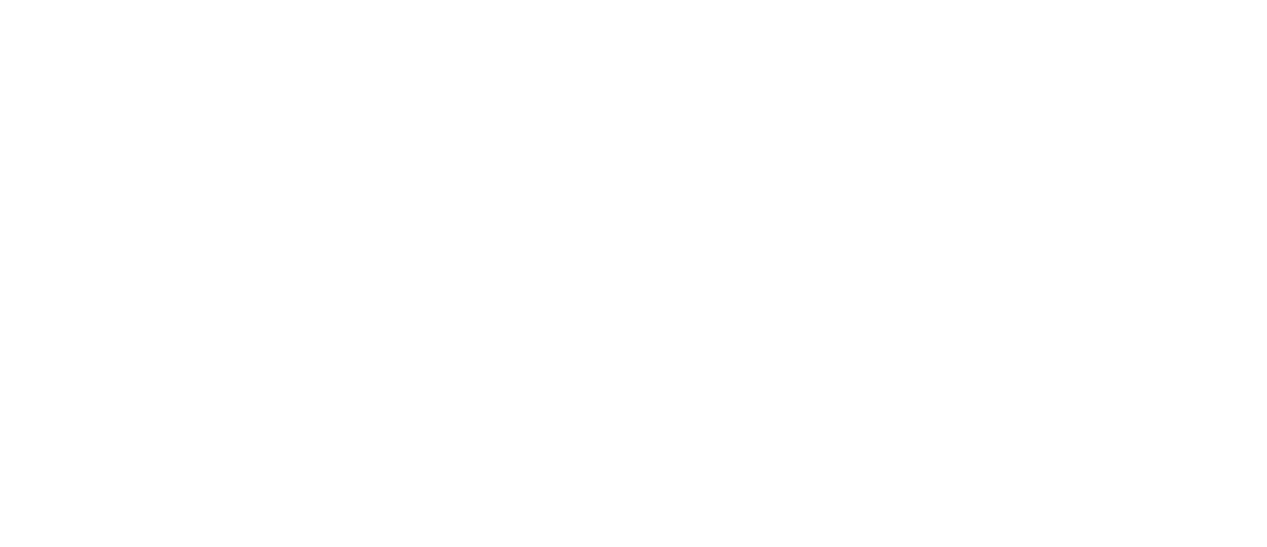
9 WATER/GAS TRENCH
C7.2 NO SCALE



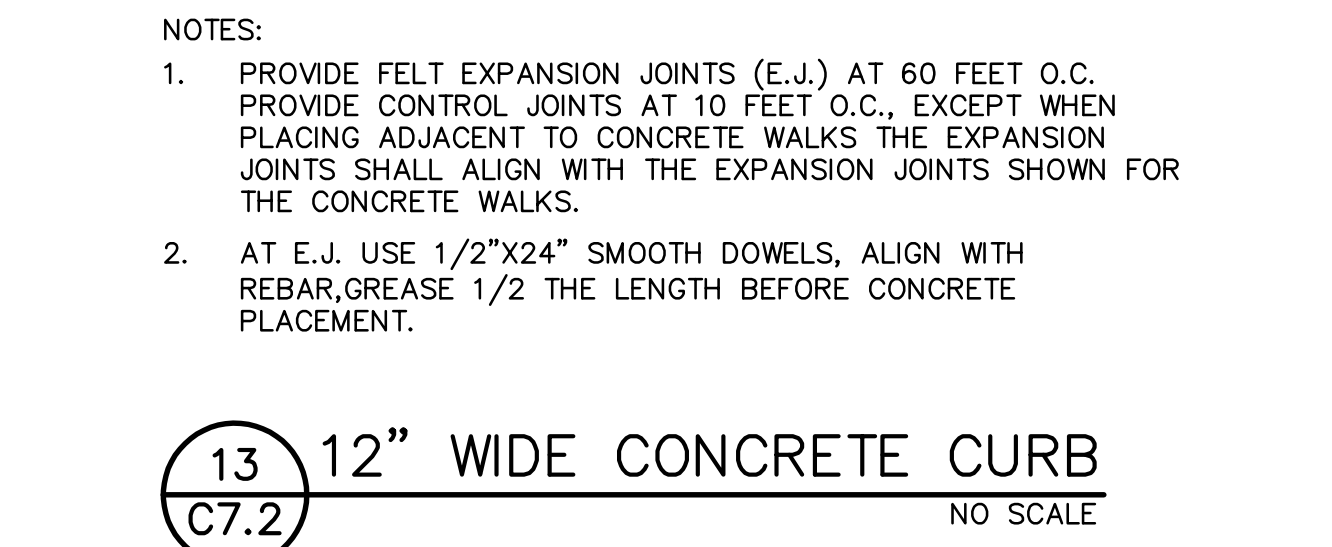
6 DOWNSPOUT CONNECTION
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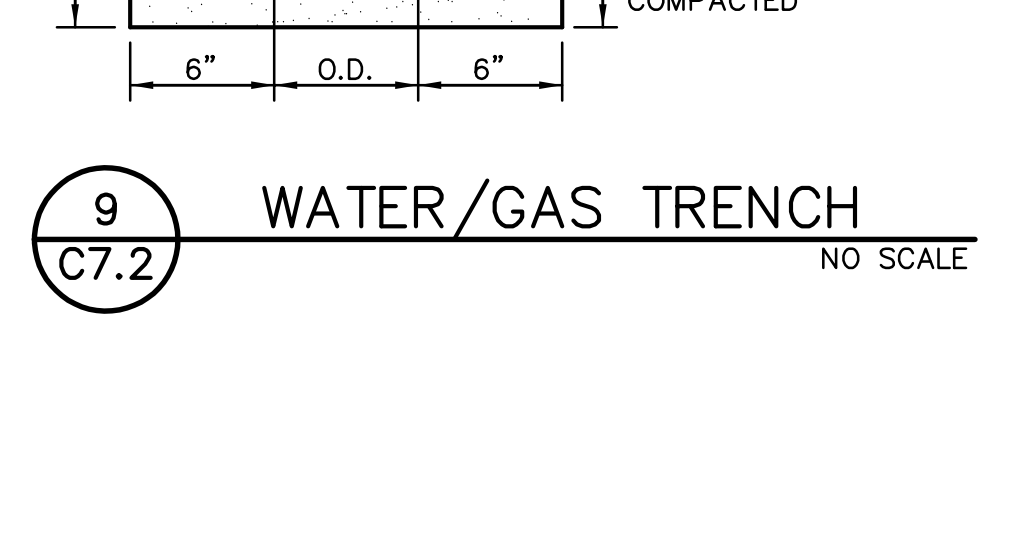
3 AREA DRAIN
C7.2 GRATE TO BE TRAFFIC RATED NO SCALE



14 2-WAY SEWER CLEANOUT
C7.2 NO SCALE



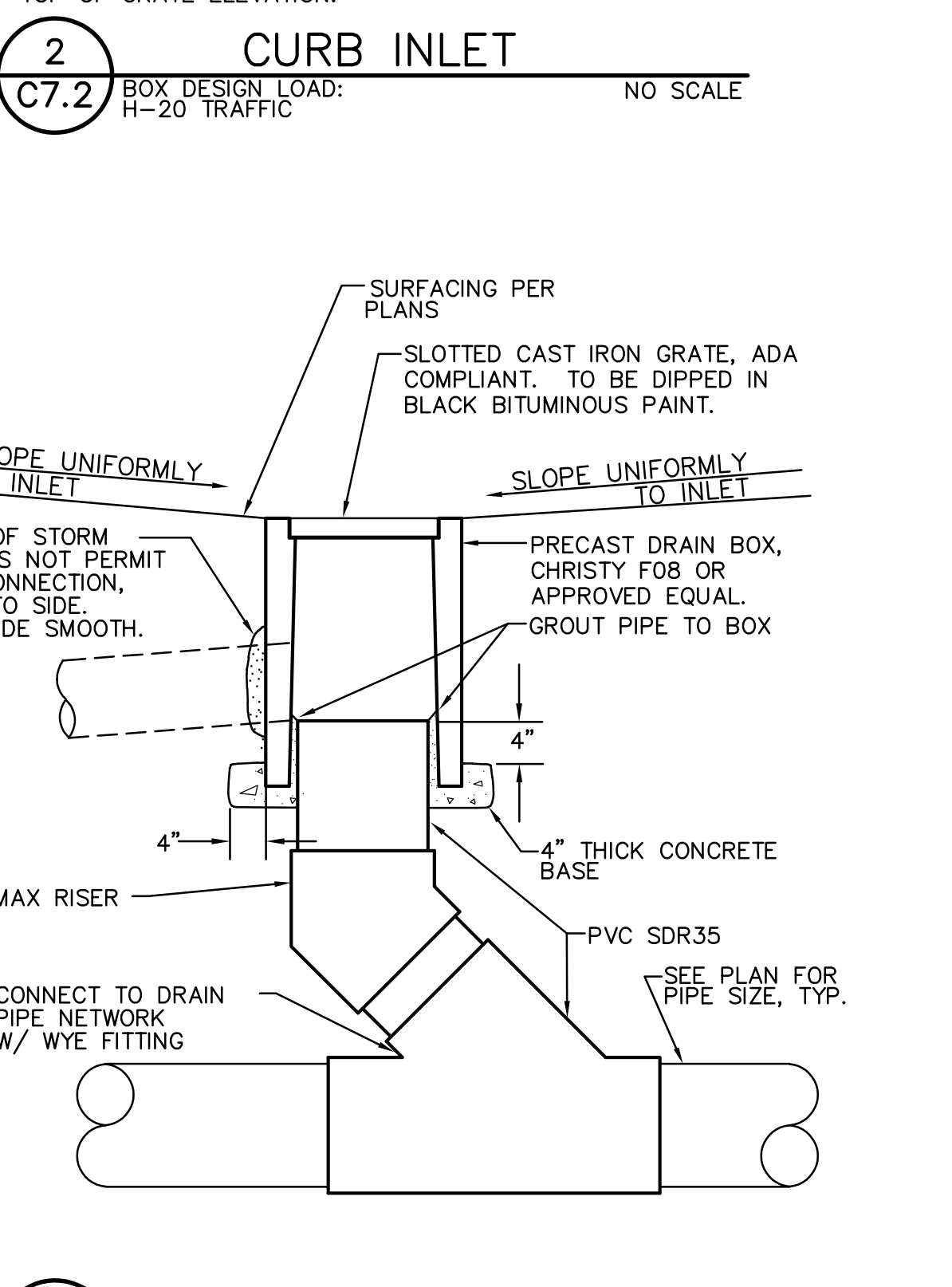
13 12\"/>



9 WATER/GAS TRENCH
C7.2 NO SCALE



6 DOWNSPOUT CONNECTION
C7.2 NO SCALE



3 AREA DRAIN
C7.2 GRATE TO BE TRAFFIC RATED NO SCALE



14 2-WAY SEWER CLEANOUT
C7.2 NO SCALE



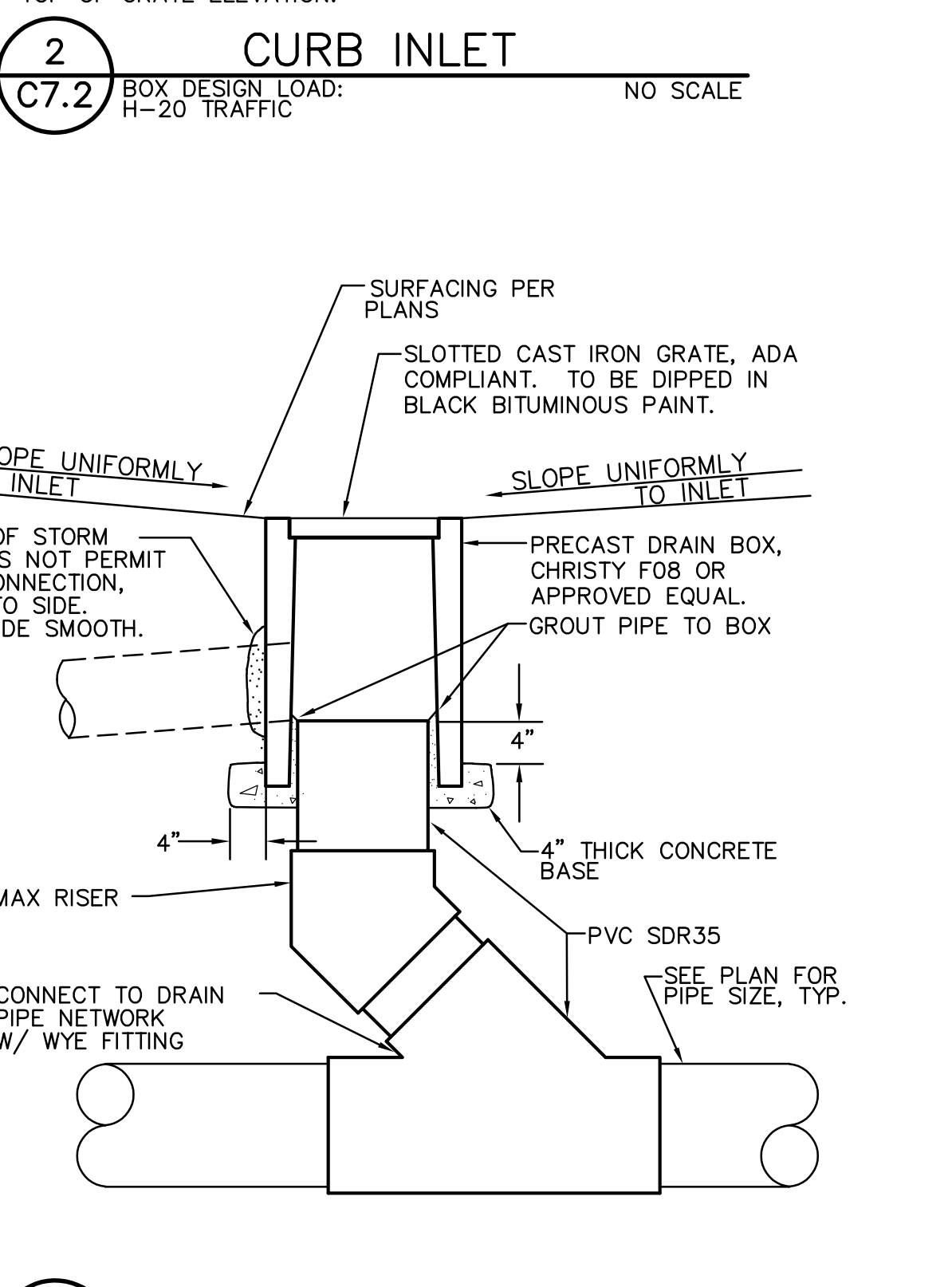
13 12\"/>



9 WATER/GAS TRENCH
C7.2 NO SCALE



6 DOWNSPOUT CONNECTION
C7.2 NO SCALE



3 AREA DRAIN
C7.2 GRATE TO BE TRAFFIC RATED NO SCALE



14 2-WAY SEWER CLEANOUT
C7.2 NO SCALE



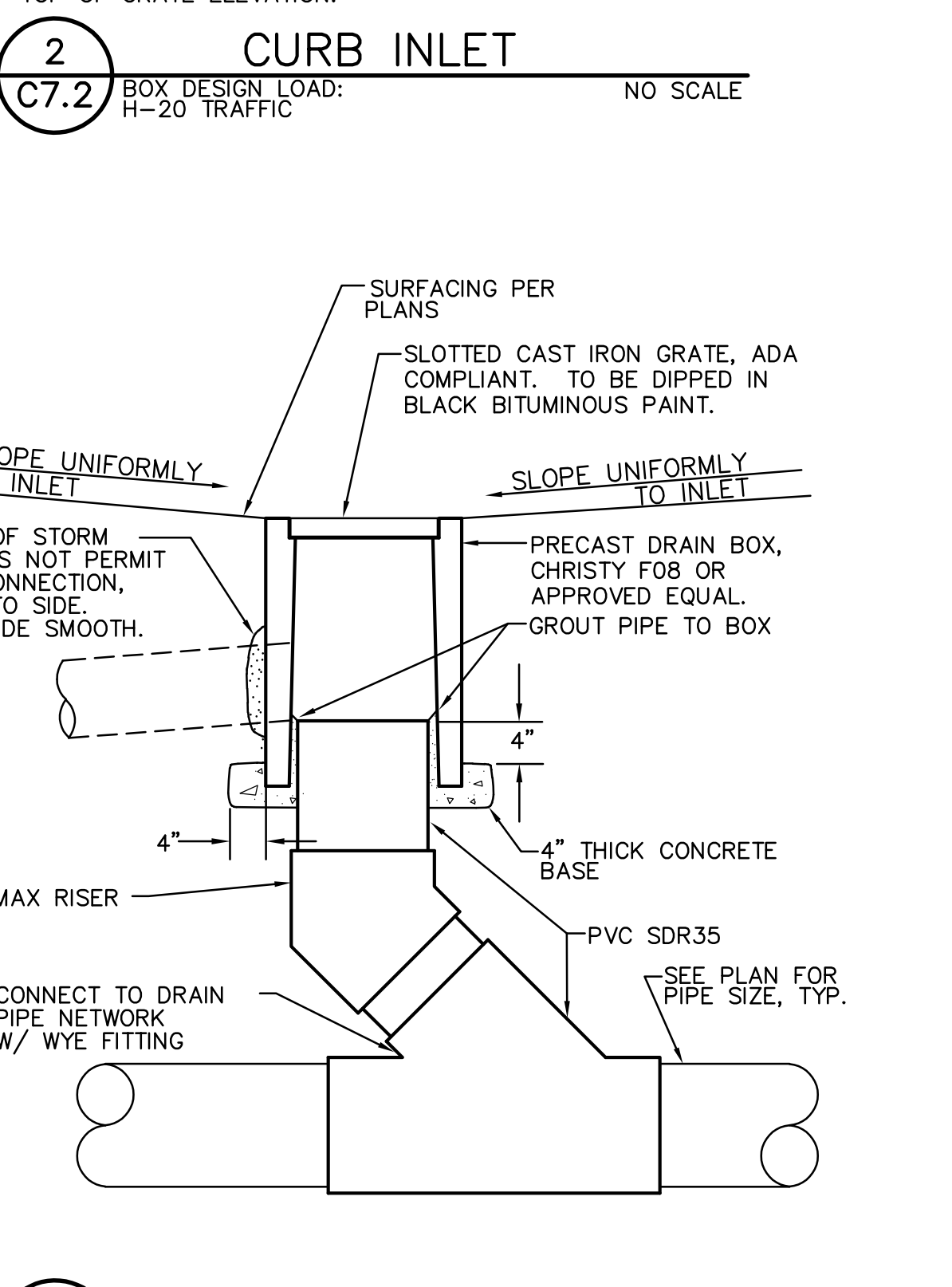
13 12\"/>



9 WATER/GAS TRENCH
C7.2 NO SCALE



6 DOWNSPOUT CONNECTION
C7.2 NO SCALE



3 AREA DRAIN
C7.2 GRATE TO BE TRAFFIC RATED NO SCALE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120968 INC.
REVIEWED FOR
SS FL5 ACS
DATE: 02/08/2023

STUDIO W
ARCHITECTS

Studio W Architects
980 9th St. Suite 2050
Sacramento, California 95814
[T] 916.254.5600
www.StudioW-Architects.com

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NO.	REMARKS	DATE

REVISION HISTORY

DATE: 02.07.2023

DSA PLAN CHECK
 DSA BACK CHECK
 BIDDING
 CONSTRUCTION

KEY PLAN

Sacramento Unified School
District
425 1st AVENUE
SACRAMENTO, CA 95818

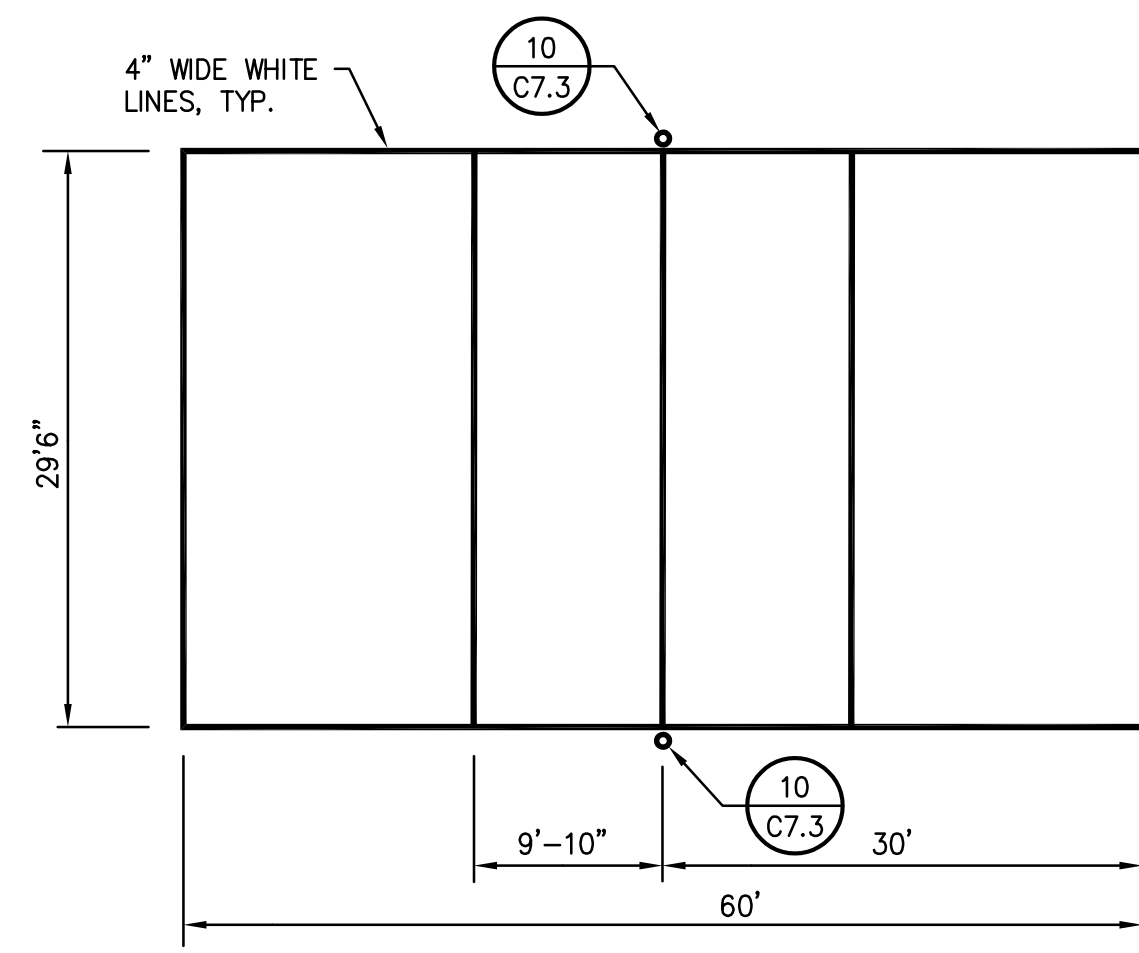
CONSTRUCTION DOCUMENTS

SCUSD Bret Harte ES
Hardcourt, Underground Utility
Replacement, Parking Lot Upgrade,
Play Structure Replacement
2751 9th Avenue
Sacramento, CA 95818

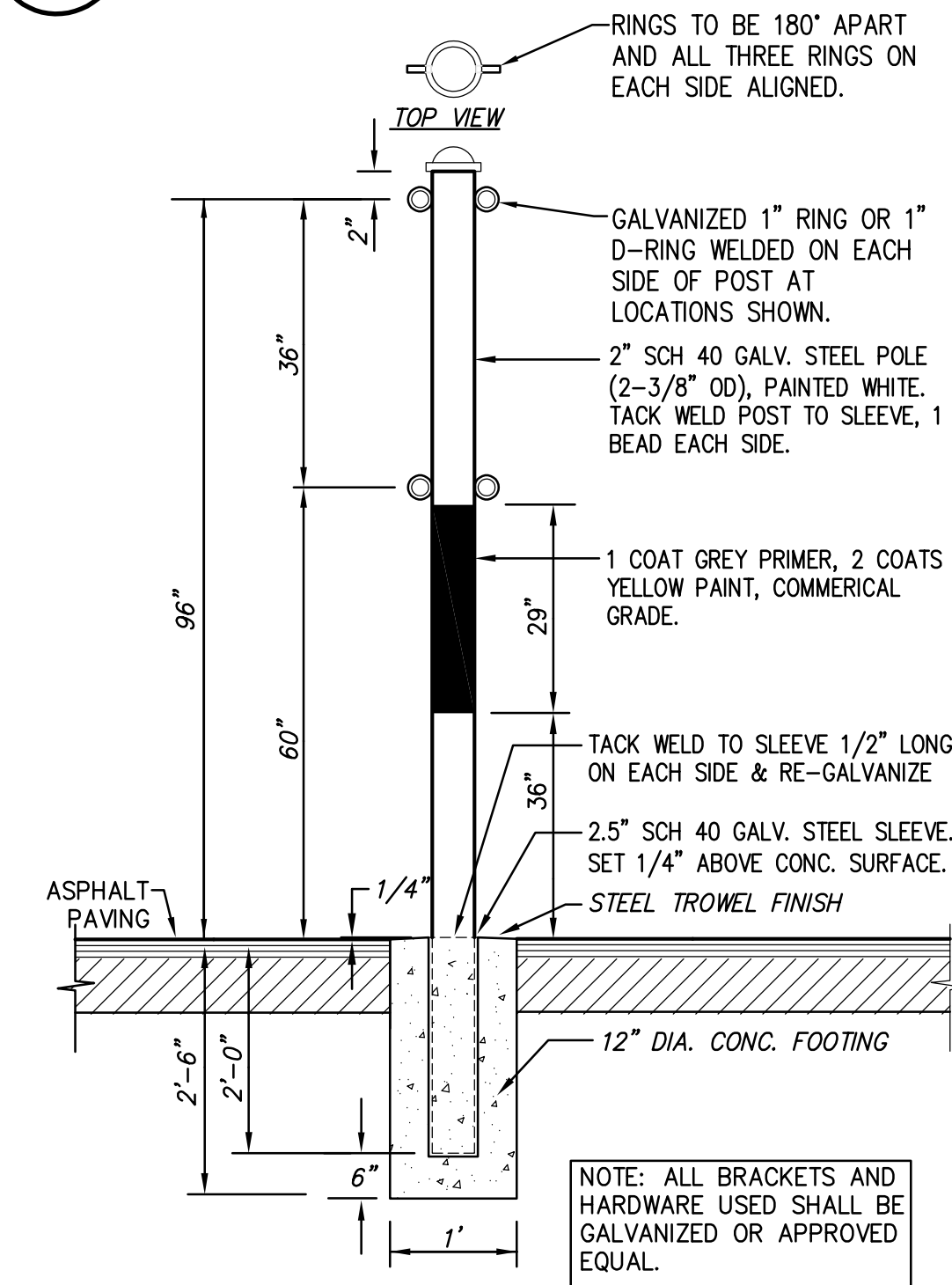
DETAILS AND SECTIONS

Date: 01/24/2023
Scale: AS SHOWN
Drawn: AT
Checked: AT

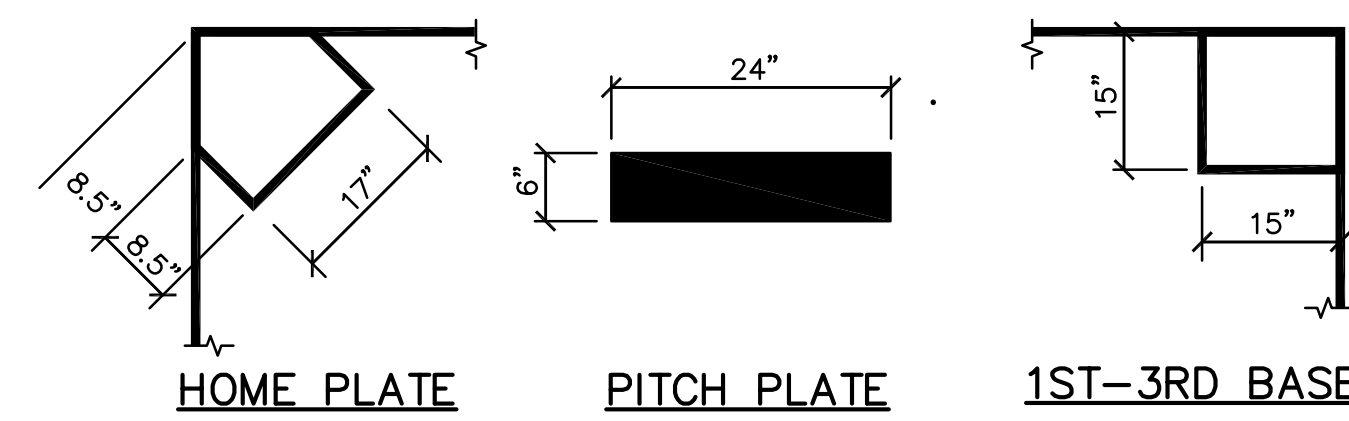
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Drawing Number: C7.2



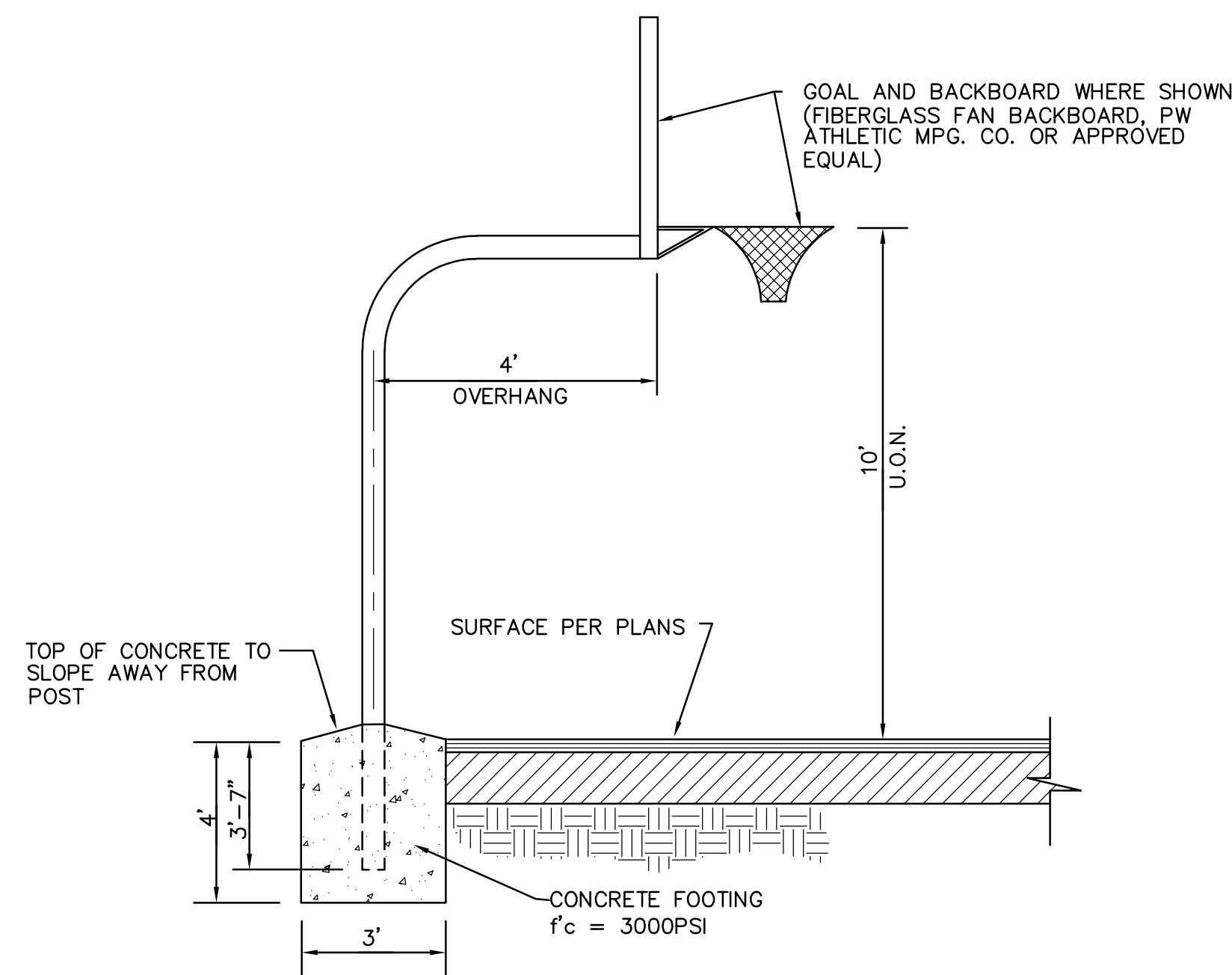
9 VOLLEYBALL NO SCALE
C7.3



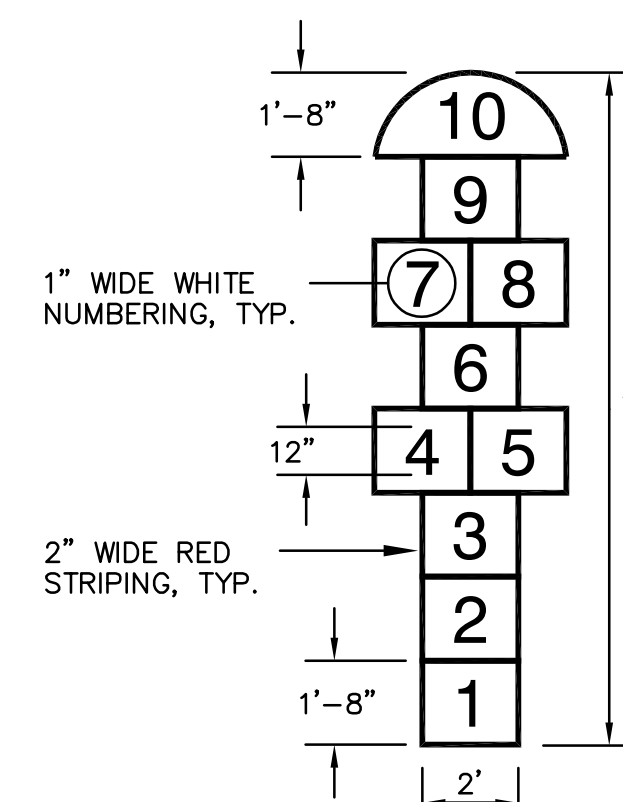
10 VOLLEYBALL POLE NO SCALE
C7.3



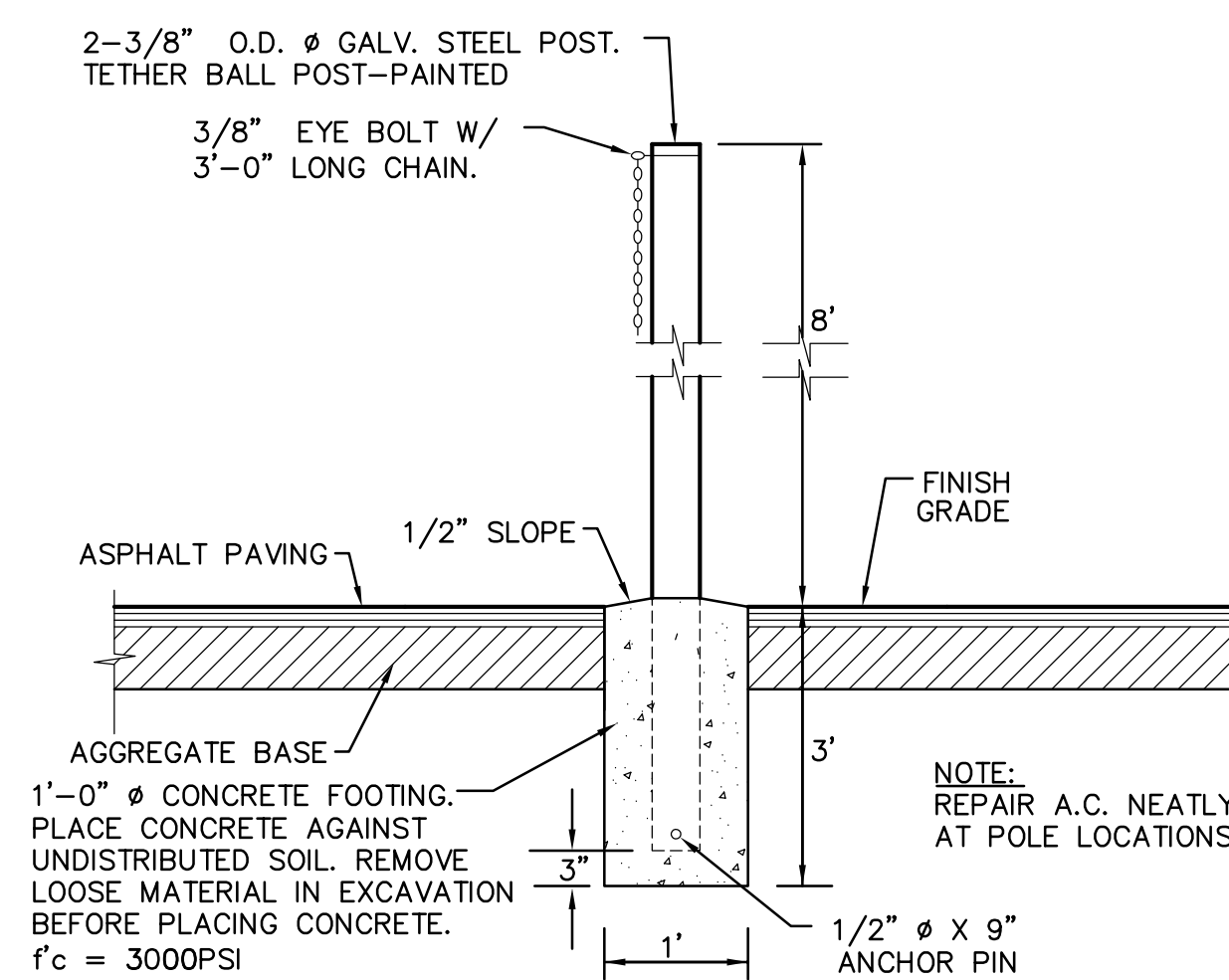
11 KICKBALL COURT NO SCALE
C7.3



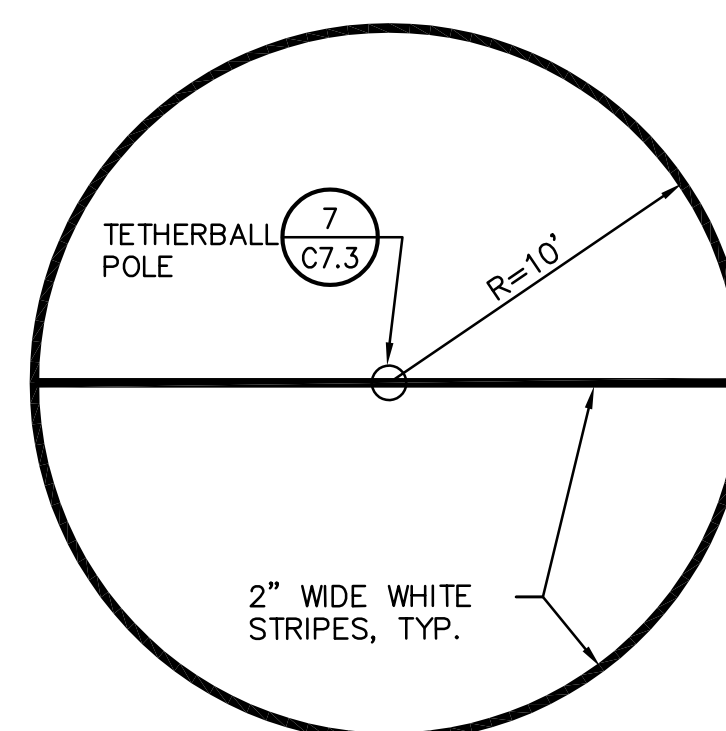
5 BASKETBALL GOAL AND BACKSTOP NO SCALE
C7.3



6 HOPSCOTCH STRIPING NO SCALE
C7.3



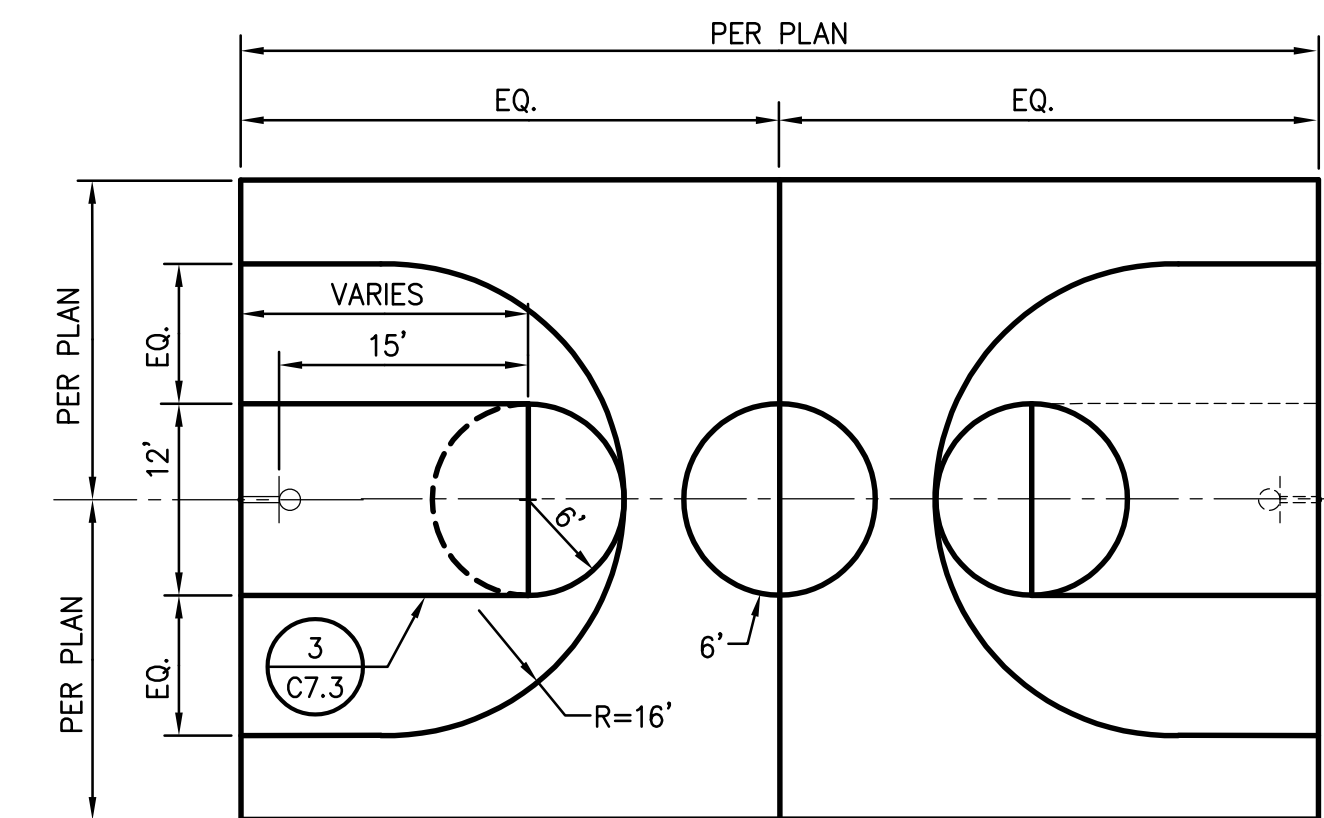
7 TETHER BALL POST NO SCALE
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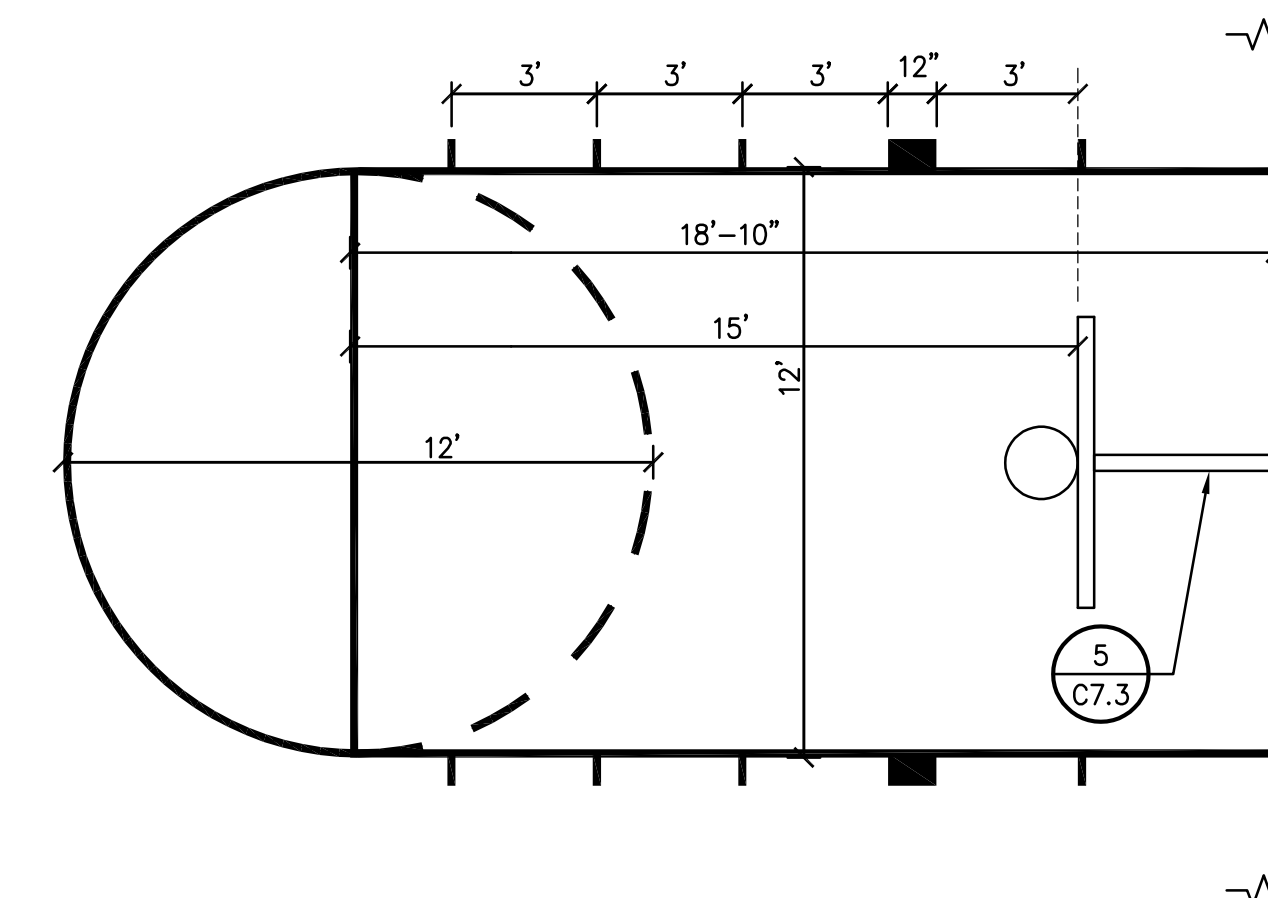
8 TETHERBALL COURT STRIPING NO SCALE
C7.3



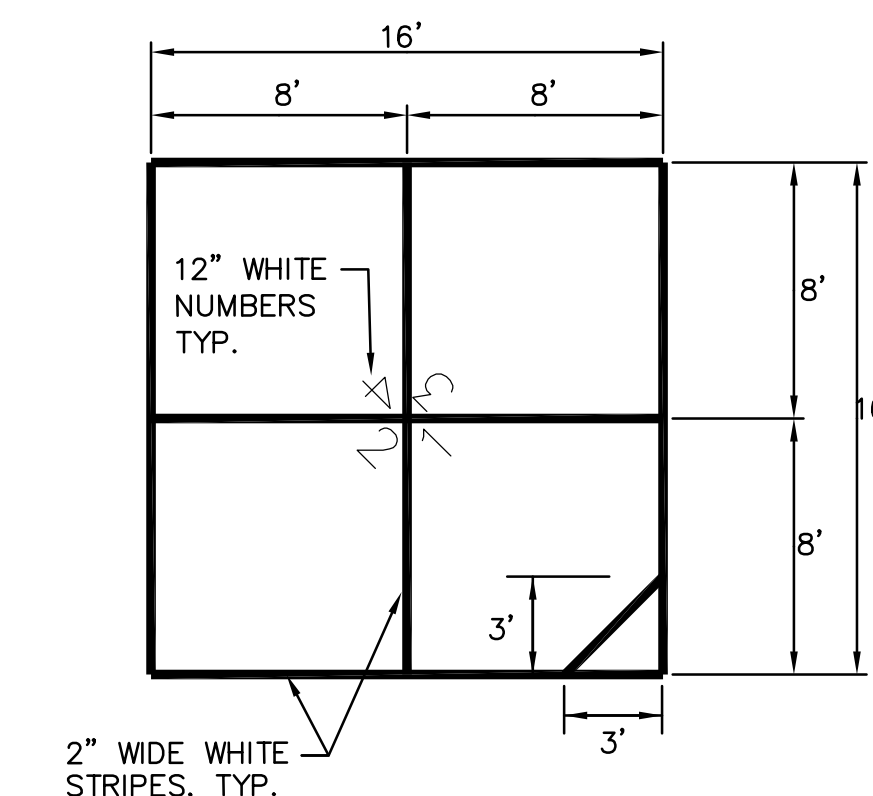
1 UNITED STATES MAP NO SCALE
C7.3



2 BASKETBALL COURT NO SCALE
C7.3

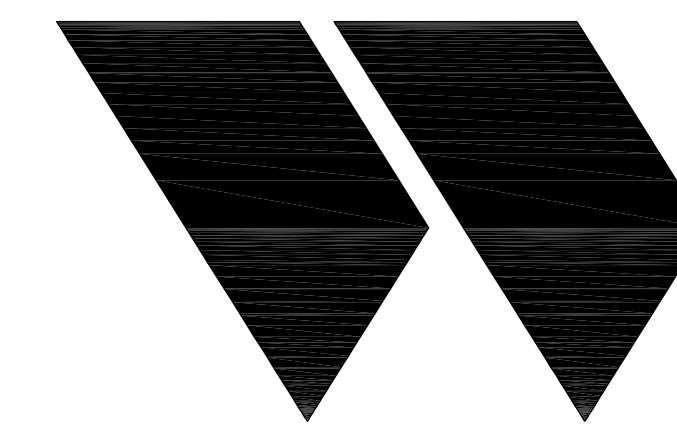


3 BASKETBALL KEY DETAIL NO SCALE
C7.3



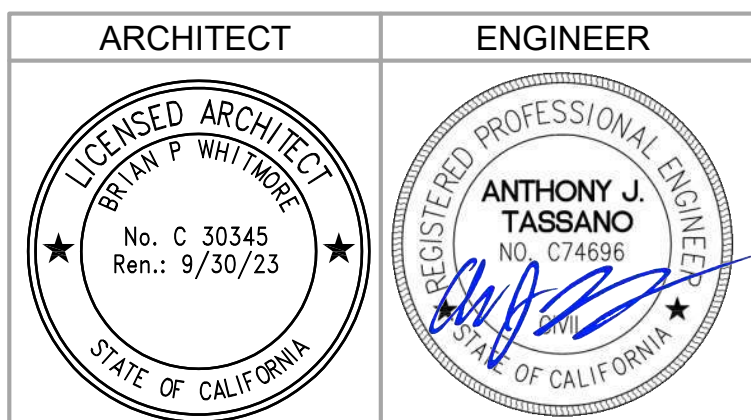
4 FOUR SQUARE STRIPING NO SCALE
C7.3

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120968 INC.
REVIEWED FOR
SS [X] FLS [X] ACS [X]
DATE: 02/08/2023



STUDIO W
ARCHITECTS

Studio W Architects
980 9th St. Suite 2050
Sacramento, California 95814
[T] 916.254.5600
www.StudioW-Architects.com



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NO.	REMARKS	DATE

DATE
02/07/2023

KEY PLAN

Sacramento Unified School
District
425 1st AVENUE
SACRAMENTO, CA 95818

CONSTRUCTION DOCUMENTS

SCUSD Bret Harte ES
Hardcourt, Underground Utility
Replacement, Parking Lot Upgrade,
Play Structure Replacement
2751 9th Avenue
Sacramento, CA 95818

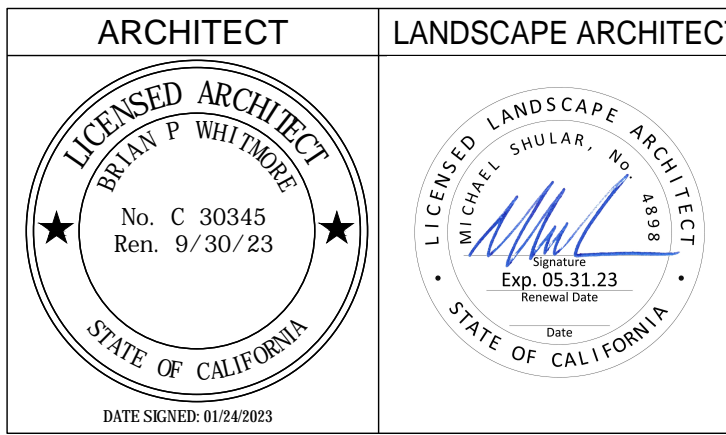
DETAILS AND
SECTIONS

Date 01/24/2023	Project Number 22035
Scale AS SHOWN	Drawing Number C7.3
Drawn AT	Checked AT

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 DIV. OF THE STATE ARCHITECT
 APP: 02-120968 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 02/08/2023



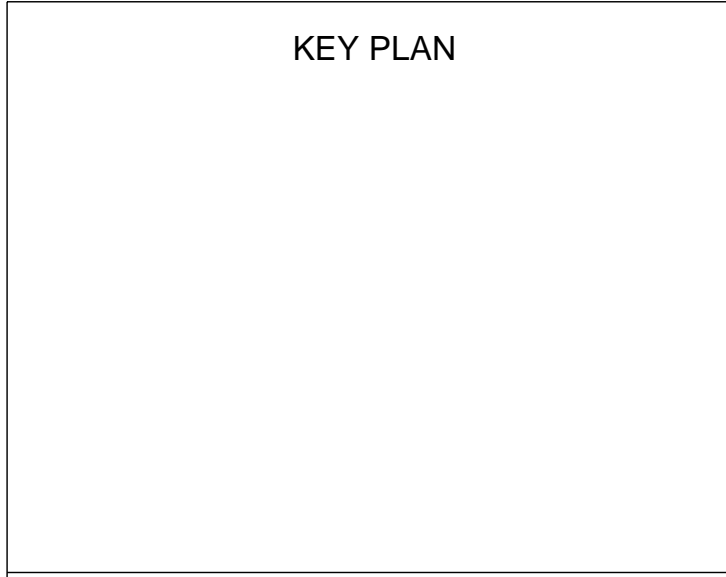
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 www.StudioW-Architects.com



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NO.	REMARKS	DATE

DRAWING STATUS	DATE
<input checked="" type="radio"/> DSA PLAY CHECK	02.07.2023
<input type="radio"/> DSA BACK CHECK	
<input type="radio"/> BIDDING	
<input type="radio"/> CONSTRUCTION	



Sacramento Unified School District
 425 1st AVENUE
 SACRAMENTO, CA 95818

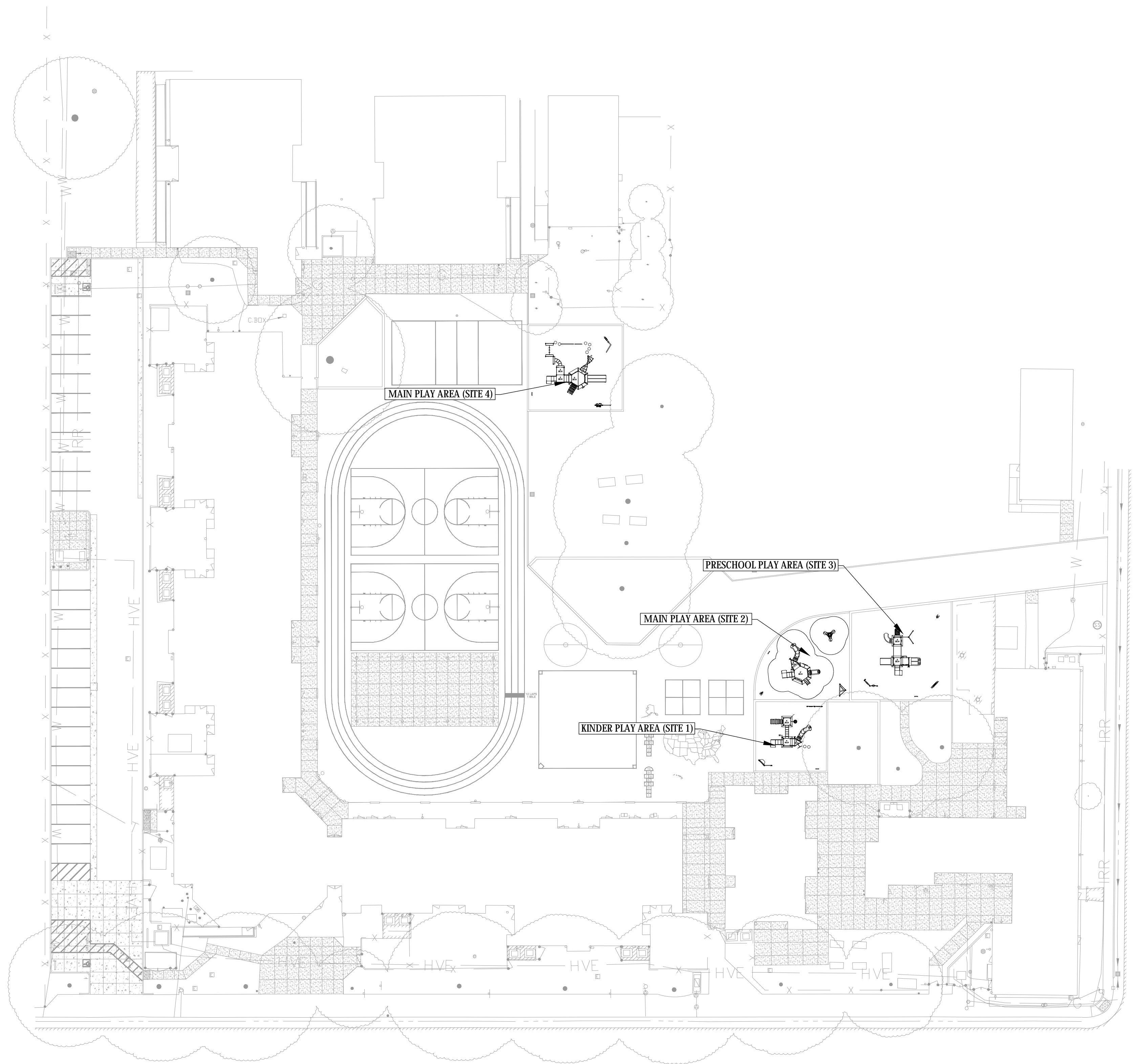
PROJECT STATUS

SCUSD Bret Harte ES
 Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement
 2751 9th Avenue
 Sacramento, CA 95818

PLAYGROUND SITE PLAN

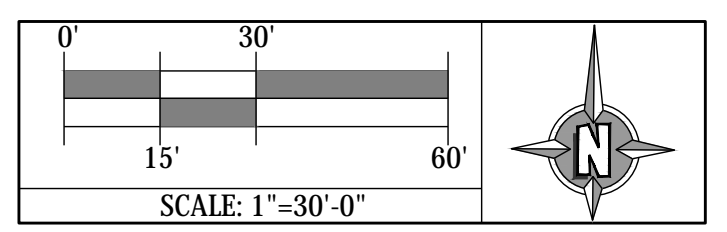
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Application Number 02-120968	Drawing Number P1
Drawn MS	Checked MS

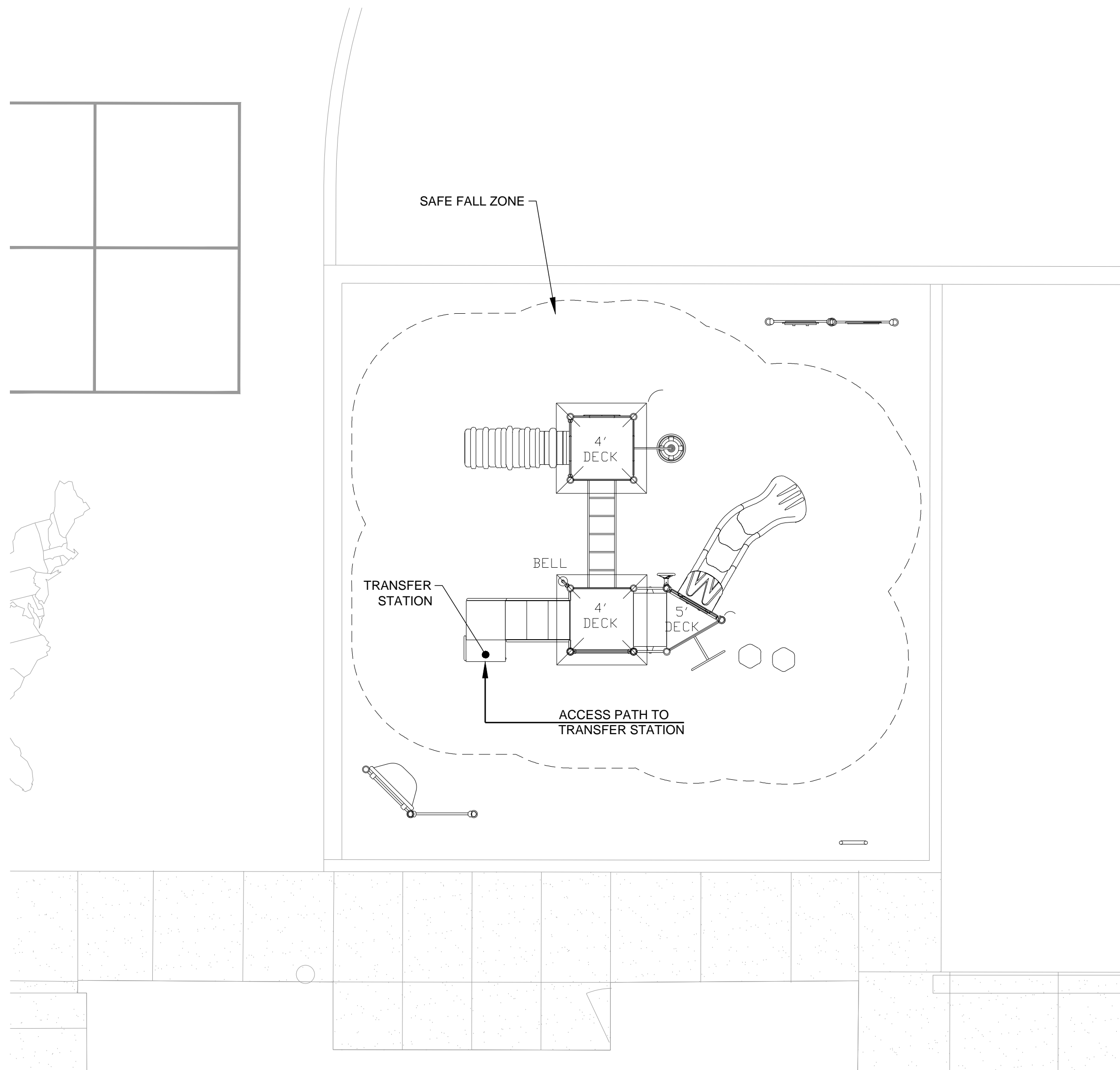
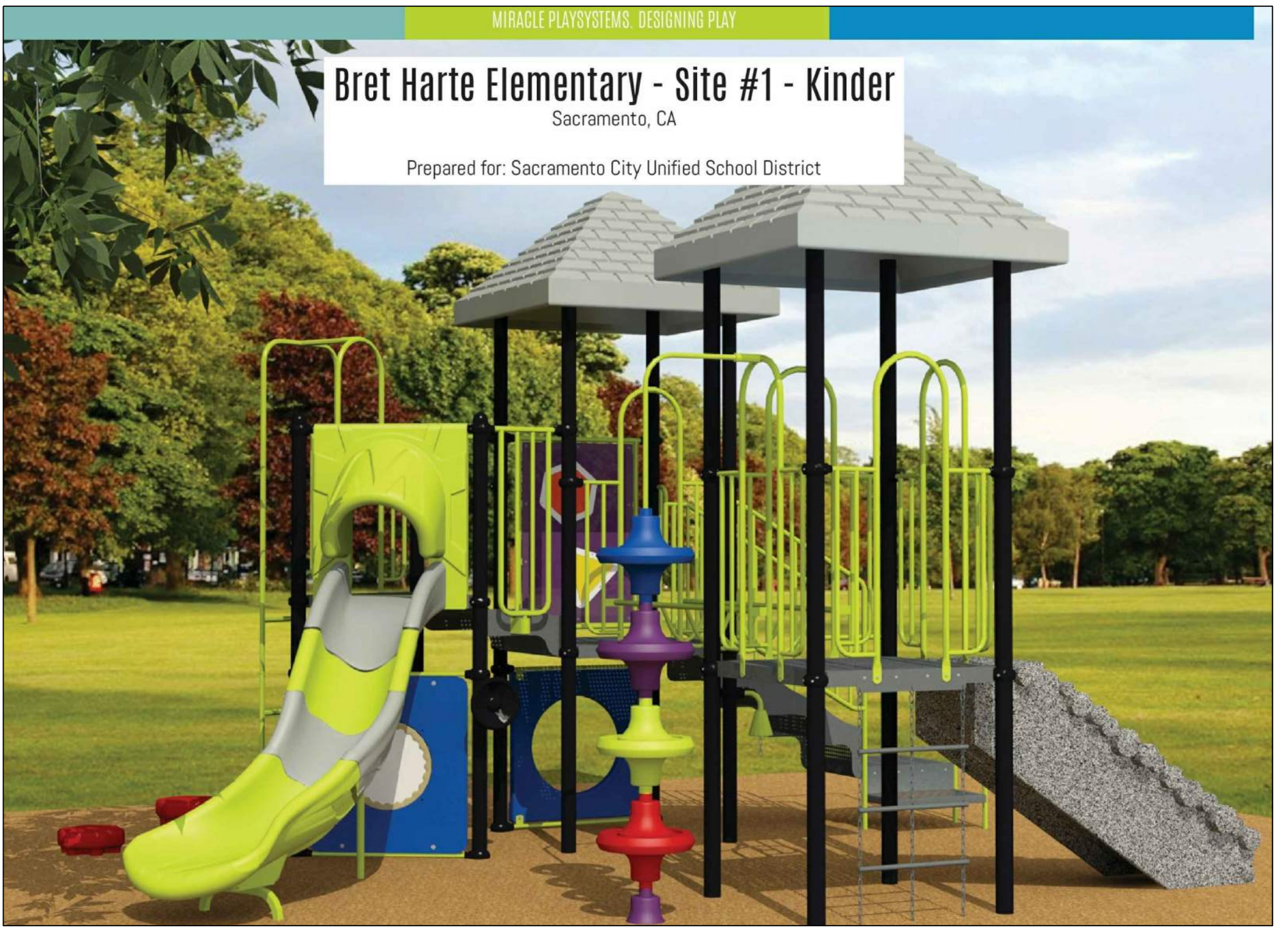
- PLAYGROUND NOTES**
- EQUIPMENT TO BE PURCHASED AND INSTALLED BY THE OWNER.
 - PLAYGROUND SURFACE TO BE INSTALLED BY OWNER. SEE CIVIL PLANS FOR ADDITIONAL INFORMATION AND MATERIALS.
 - COORDINATE WORK WITH OTHER TRADES. SUB-BASE PREPARATION, DRAINAGE, PLAY AREA PERIMETER AND FENCING TO BE INSTALLED PER CIVIL AND ARCHITECTURAL DRAWINGS.
 - PLATFORM AND/OR DECK HEIGHTS SHOWN ON THE DRAWINGS ARE MEASURED FROM THE FINISHED GRADE OF THE PLAYGROUND SURFACE MATERIAL TO THE TOP OF THE PLATFORMS.
 - USE ZONES, PLAY AREA SURFACES AND EQUIPMENT CONFORM TO STANDARDS FOR PLAYGROUNDS AS NOTED ON EACH PLAYGROUND ENLARGEMENT.
 - PROTECT INSTALLED EQUIPMENT FROM DAMAGE, BLEMISHES, OR INDICATION OF USE UNTIL COMPLETION AND ACCEPTANCE OF THE PROJECT.
 - CHECK DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. ANY DISCREPANCIES OR POSSIBLE DEFICIENCIES BETWEEN DRAWINGS AND SPECIFICATIONS WITH FIELD CONDITIONS SHALL BE BROUGHT TO THE OWNERS IMMEDIATE ATTENTION.
 - SEE CIVIL DRAWINGS FOR SITE ACCESSIBILITY INFORMATION.
 - DSA REVIEW IS NOT REQUIRED FOR ALL PLAY STRUCTURES.



**9TH AVENUE
 PLAYGROUND SITE PLAN**

FRANKLIN BOULEVARD





NOTES:
PLAY COMPONENTS AND STRUCTURES:
 • PLAY AREAS ALONG WITH NUMBER AND TYPES OF PLAY COMPONENTS SHALL COMPLY WITH SCOPING REQUIREMENTS OF CBC SECTION 11B-240.
GROUND SURFACES OF PLAY AREAS:
 GROUND SURFACES ON ACCESSIBLE ROUTES, CLEAR FLOOR OR GROUND SPACES, AND TURNING SPACES FOR PLAY AREAS SHALL COMPLY WITH CBC SECTION 11B-1008.2.6 AS FOLLOWS:
 • GROUND SURFACES SHALL BE INSPECTED AND MAINTAINED REGULARLY AND FREQUENTLY TO ENSURE CONTINUED COMPLIANCE WITH ASTM F 1951.
 • GROUND SURFACES LOCATED WITHIN USE ZONES SHALL COMPLY WITH ASTM F 1292 (1999 EDITION OR 2004 EDITION).
 DSA REVIEW IS NOT REQUIRED FOR ALL PLAY STRUCTURES.

PLAYGROUND SITE 1

BRET HARTE ES - KINDER PLAY AREA (SITE #1)

LINEAR FEET: 129 LF
 CRITICAL FALL HEIGHT: 6'-0"
 23_1885_BretHarteESSite1Kinder_002

SITE AREA: 1,036 SF
 SCALE: 1/8"=1'-0"
 DATE: 02/01/2023 ADA
 DRAWN BY: KD

PLAY STRUCTURE ACCESSIBILITY EXHIBIT

SAFETY ZONE PIP GIVES AN OPEN ACCESSIBLE PATH OF TRAVEL AROUND THE ELEVATED AND GROUND-LEVEL ACTIVITIES. POUR IN PLACE (PIP) RUBBER SURFACING. ENTIRE PLAY SURFACE IS ACCESSIBLE PLAY SURFACE.

KEY	NAME OF COMPONENT	NUMBER	ACTIVITY TYPE
B1	BELL	1	SOOND
B2	STEERING WHEEL	1	MANIPULATIVE
B3	FISHHOUSE PANEL	1	MANIPULATIVE
B4	BENZO PERCH	2	BALANCE
B5	CRAB THROUGH PANEL	1	IMAGINATIVE
B6	A MAKE AND PANEL	1	MANIPULATIVE
B7	SLICE & SERVE PANEL	1	MANIPULATIVE
B8	BENCH PANEL	1	IMAGINATIVE
B9	SENDERY PANEL	1	IMAGINATIVE

MINIMUM NUMBER AND TYPES OF GROUND-LEVEL PLAY COMPONENTS ON ACCESSIBLE ROUTES:
 GROUND-LEVEL ACTIVITY TYPE: 4 REQUIRED
 GROUND-LEVEL ACTIVITY QUANTITY: 10 REQUIRED

MINIMUM NUMBER AND TYPES OF GROUND-LEVEL PLAY COMPONENTS NOT ON ACCESSIBLE ROUTE:
 GROUND-LEVEL ACTIVITY TYPE: 4 REQUIRED
 GROUND-LEVEL ACTIVITY QUANTITY: 10 REQUIRED

LEGEND:
 ACCESSIBLE PATH OF TRAVEL
 PLAY AREA - SITE #1 MAIN AGES 5-12
 PLAY AREA - SITE #1 PRESCHOOL AGES 2-5

NOTES:
 1. TRANSFER STEPS TO BE ORDERED PER 118-904.4.1
 2. USE ZONES PER SURFACE OF PLAYGROUND COMPLEX WITH ASTM F1292
 3. GROUND SURFACING COMPLEX WITH ASTM F 1951
 4. PLAYGROUND EQUIPMENT SHALL COMPLY WITH ASTM F1487-BB
 5. THIS PLAY AREA MEETS CBC SECTION 11B-1008.1, 11B-1008.4
 6. THIS PLAY AREA MEETS CBC SECTION 11B-240.1, 11B-240.2.2

C. DETAILS:
 (GROUND) TO DECK TRANSFER POINT (COMPLIES WITH CBC SECTION 11B-1008.1)
 (GROUND) TO DECK TRANSFER POINT (COMPLIES WITH CBC SECTION 11B-1008.1)
 (GROUND) TO DECK TRANSFER POINT (COMPLIES WITH CBC SECTION 11B-1008.1)
 (GROUND) TO DECK TRANSFER POINT (COMPLIES WITH CBC SECTION 11B-1008.1)

ARCHITECT
 LICENSED ARCHITECT
 BRITNEY P. WHITEHEAD
 No. C 30345
 Ren. 9/30/23
 STATE OF CALIFORNIA
 DATE SHOWN RECORDED

LANDSCAPE ARCHITECT
 LICENSED LANDSCAPE ARCHITECT
 LUCY H. HANLEY
 No. C 30345
 Ren. 9/30/23
 STATE OF CALIFORNIA
 DATE SHOWN RECORDED

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NO.	REMARKS	DATE

DRAWING STATUS

DSA PLAY CHECK
 DSA BACK CHECK
 BIDDING
 CONSTRUCTION

DATE: 02.07.2023

KEY PLAN

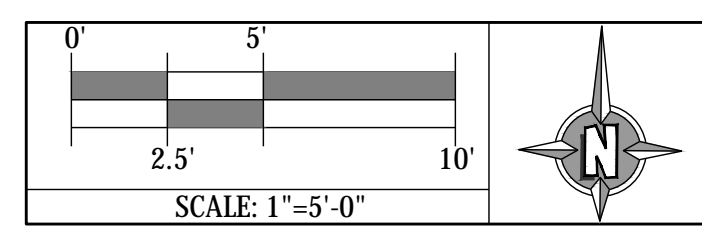
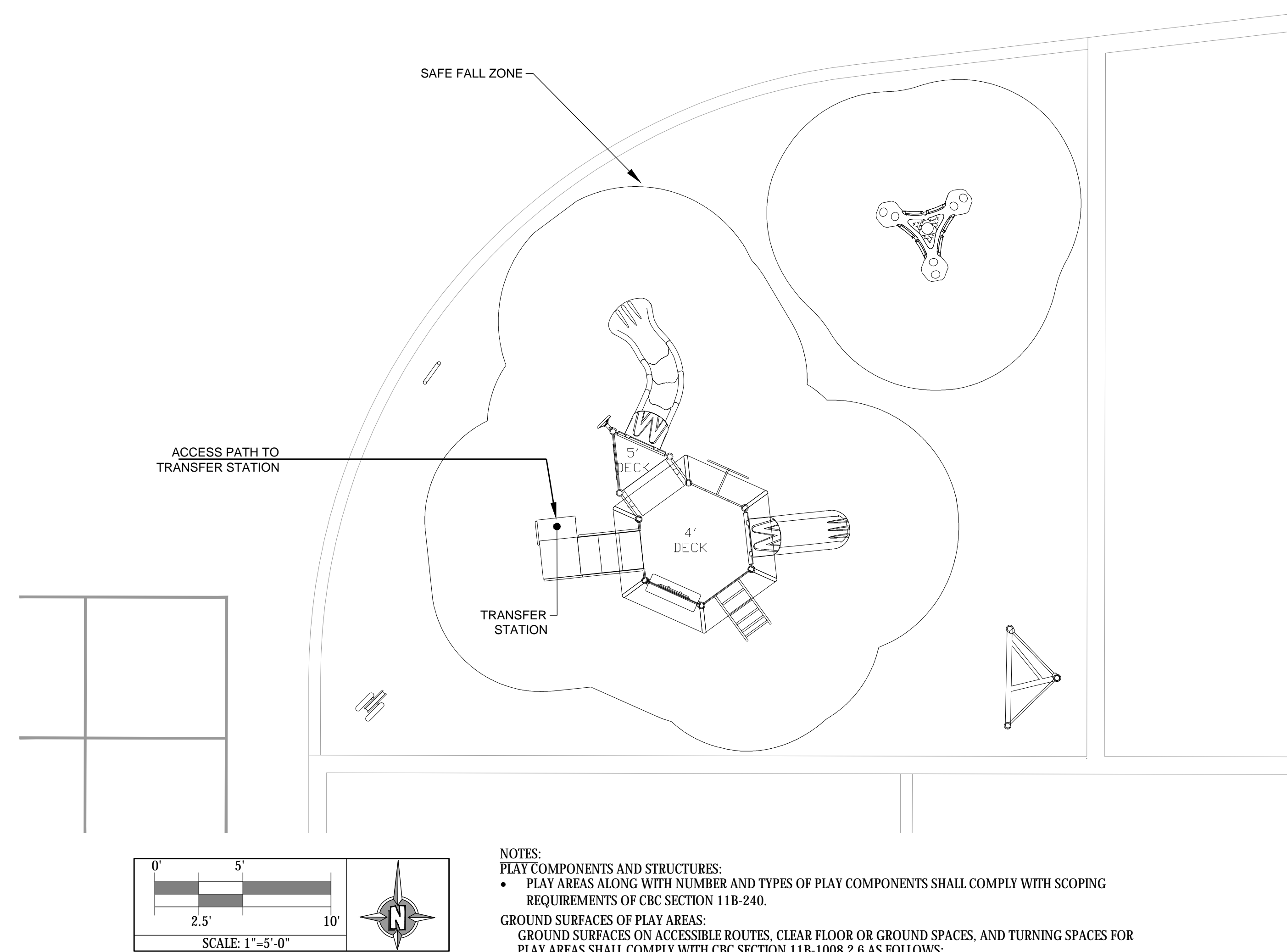
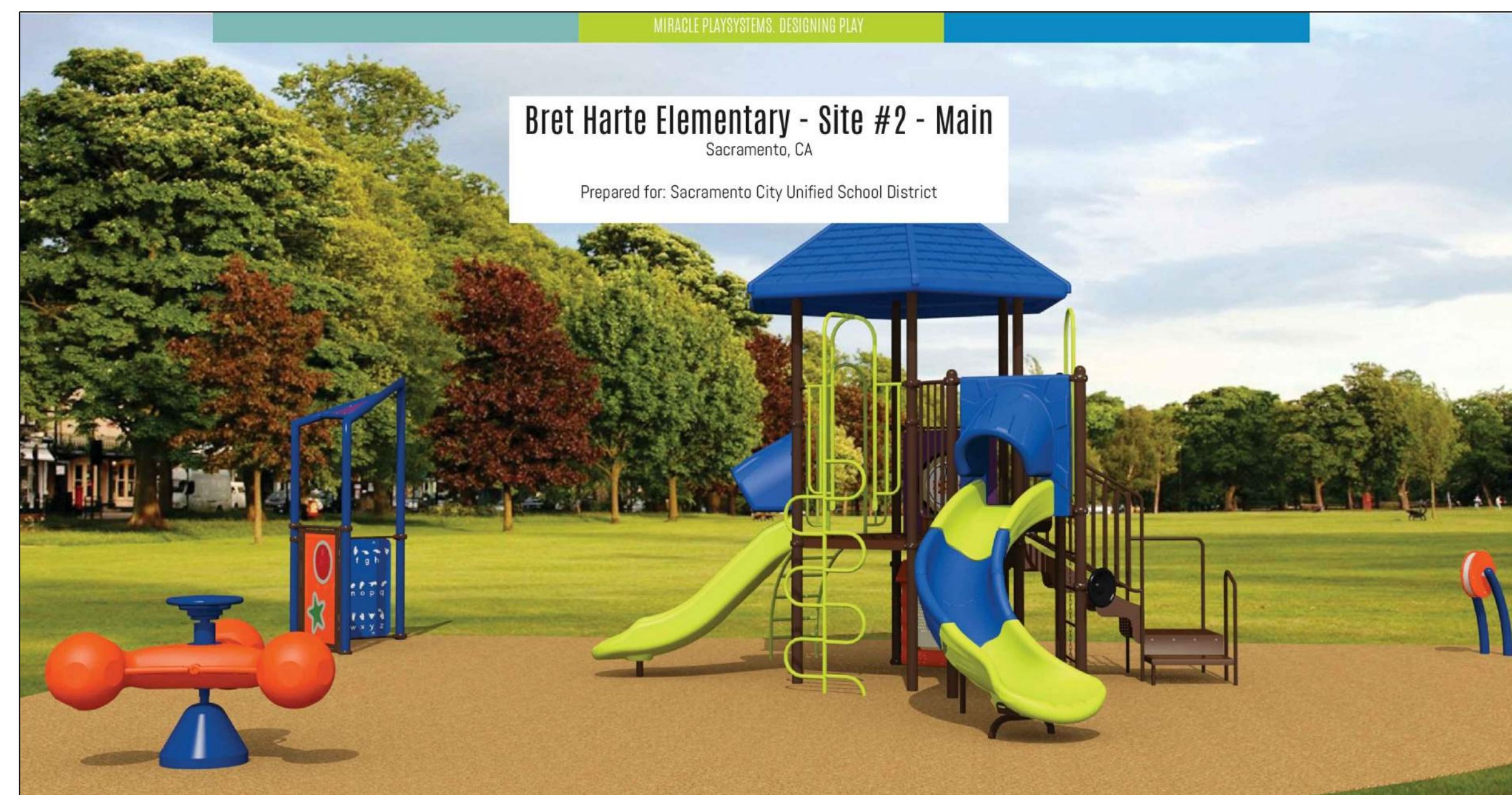
Sacramento Unified School District
 425 1st AVENUE
 SACRAMENTO, CA 95818

PROJECT STATUS

SCUSD Bret Harte ES
 Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement
 2751 9th Avenue
 Sacramento, CA 95818

PLAYGROUND ENLARGEMENTS

Date: 02/6/2023
 Application Number: 02-120968
 Project Number: 22035
 Drawing Number: P2
 Drawn: MS
 Checked: MS



NOTES:
 PLAY COMPONENTS AND STRUCTURES:
 • PLAY AREAS ALONG WITH NUMBER AND TYPES OF PLAY COMPONENTS SHALL COMPLY WITH SCOPING REQUIREMENTS OF CBC SECTION 11B-240.
 GROUND SURFACES OF PLAY AREAS:
 GROUND SURFACES ON ACCESSIBLE ROUTES, CLEAR FLOOR OR GROUND SPACES, AND TURNING SPACES FOR PLAY AREAS SHALL COMPLY WITH CBC SECTION 11B-1008.2.6 AS FOLLOWS:
 • GROUND SURFACES SHALL BE INSPECTED AND MAINTAINED REGULARLY AND FREQUENTLY TO ENSURE CONTINUED COMPLIANCE WITH ASTM F 1951.
 • GROUND SURFACES LOCATED WITHIN USE ZONES SHALL COMPLY WITH ASTM F 1292 (1999 EDITION OR 2004 EDITION).
 DSA REVIEW IS NOT REQUIRED FOR ALL PLAY STRUCTURES.

PLAYGROUND SITE 2

ENTIRE POUR IN PLACE (PIP) RUBBER SURFACING. ENTIRE PLAY SURFACE IS ACCESSIBLE PLAY SURFACE. SAFETY ZONE PIP GIVES AN OPEN ACCESSIBLE PATH OF TRAVEL AROUND THE ELEVATED AND GROUND-LEVEL ACTIVITIES.

KEY	NAME OF COMPONENT ON ACCESSIBLE ROUTE	NUMBER	NAME OF COMPONENT NOT ON ACCESSIBLE ROUTE	NUMBER	REVISION
A1	VERTICAL CARO CLIMBER	1	N/A	0	REVISION 01
A2	CHAMELEON SLIDE	1	N/A	0	REVISION 01
A3	SPIDER CLIMBER	1	N/A	0	REVISION 01
A4	GRABBER SLIDE	1	N/A	0	REVISION 01
A5	CURVED CLIMBER	1	N/A	0	REVISION 01
A6	FOUR-THE-WIN-FRAME	1	N/A	0	REVISION 01

KEY	NAME OF COMPONENT	NUMBER	ACTIVITY TYPE
B1	STEERING WHEEL	1	MANIPULATIVE
B2	CRANE PANEL	1	SOUND
B3	TWO TOTTER	1	SPRING ROCKER
B4	SEVEN-STAR PANEL	1	IMAGINATIVE
B5	SOON LANDSCAPE PANEL	1	IMAGINATIVE
B6	CONCRETE FANFARAS MEDIUM	1	ROUND MANIPULATIVE

PLAY AREA - AGE APPROPRIATE 5-12 YEARS. CAPACITY: 44-50 CHILDREN

NOTES:
 1. TRANSFER STEPS TO BE STRIPPED PER 11B-504.4.1
 2. USE ZONES FINISH SURFACE OF PLAYGROUND COMPLEX WITH ASTM F1292
 3. OPENING SURFACES COMPLY WITH ASTM F1951
 4. PLAYSTRUCTURE EQUIPMENT SHALL COMPLY WITH ASTM F1487-05
 5. THIS PLAY AREA MEETS CBC SECTION 11B-1008.1 - 11B-1008.4
 6. THIS PLAY AREA MEETS CBC SECTION 11B-240.1 - 11B-240.2.7

G.DETAILS
 (C) GROUND TO DECK TRANSFER POINT (COMPLY WITH CBC SECTION 11B-208.3.1)
 (D) STAR BETWEEN DECK'S 1" RISE (COMPLY WITH CBC SECTION 11B-208.3.2)
 (E) ADA TRANSFER STATION (SEE 718-811-01)
 (F) ADA TRANSFER PLATFORM (SEE 718-811-01)
 (G) ADA TRANSFER PLATFORM (SEE 718-811-01)
 (H) ADA TRANSFER PLATFORM (SEE 718-811-01)

MINIMUM NUMBER AND TYPES OF GROUND-LEVEL PLAY COMPONENTS ON ACCESSIBLE ROUTE: 4 REVISION 01
 GROUND LEVEL ACTIVITY TYPE: 4 REVISION 01
 GROUND LEVEL ACTIVITY QUANTITY: 6 REVISION 01

LINEAR FEET: 151 LF
 CRITICAL FALL HEIGHT: 6'-0"
 SITE AREA: 1,439 SF
 SCALE: 1/8"=1'-0"
 DATE: 02/01/2023 ADA
 DRAWN BY: KD

ARCHITECT: MICHAEL P. WHITFIELD, No. C 30345, Exp. 9/30/23, STATE OF CALIFORNIA
 LANDSCAPE ARCHITECT: MICHAEL P. WHITFIELD, No. C 30345, Exp. 9/30/23, STATE OF CALIFORNIA

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NO.	REMARKS	DATE

REVISION HISTORY

DATE: 02.07.2023

DRAWING STATUS:
 DSA PLAY CHECK
 DSA BACK CHECK
 BIDDING
 CONSTRUCTION

KEY PLAN

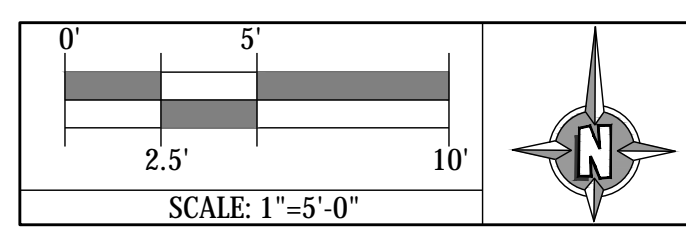
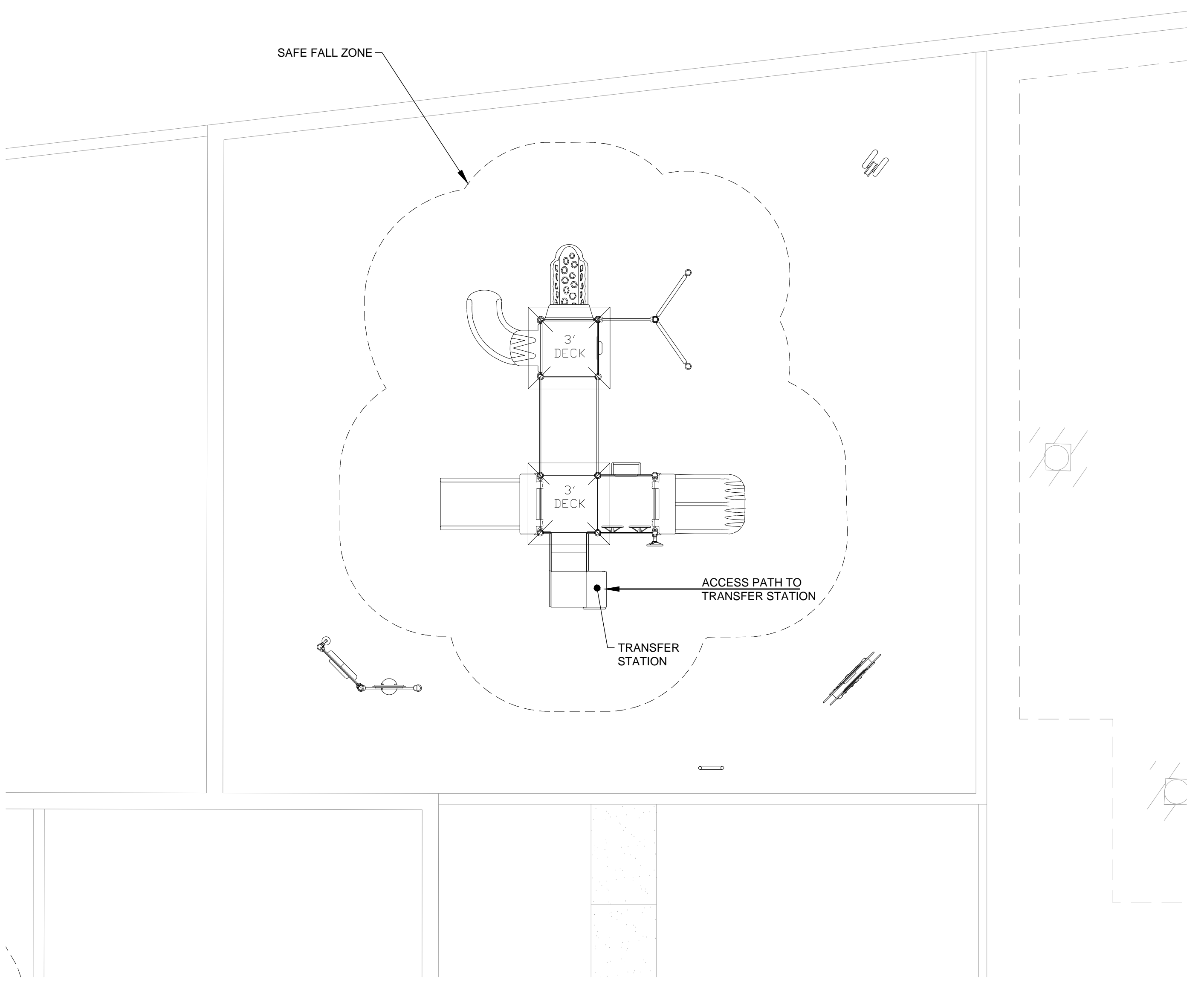
Sacramento Unified School District
 425 1st AVENUE
 SACRAMENTO, CA 95818

PROJECT STATUS

SCUSD Bret Harte ES
 Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement
 2751 9th Avenue
 Sacramento, CA 95818

PLAYGROUND ENLARGEMENTS

Date: 02/6/2023	Project Number: 22035
Application Number: 02-120968	Drawing Number: P3
Drawn: MS	Checked: MS



NOTES:
 PLAY COMPONENTS AND STRUCTURES:
 • PLAY AREAS ALONG WITH NUMBER AND TYPES OF PLAY COMPONENTS SHALL COMPLY WITH SCOPING REQUIREMENTS OF CBC SECTION 11B-240.
 GROUND SURFACES OF PLAY AREAS:
 GROUND SURFACES ON ACCESSIBLE ROUTES, CLEAR FLOOR OR GROUND SPACES, AND TURNING SPACES FOR PLAY AREAS SHALL COMPLY WITH CBC SECTION 11B-1008.2.6 AS FOLLOWS:
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 • GROUND SURFACES LOCATED WITHIN USE ZONES SHALL COMPLY WITH ASTM F 1292 (1999 EDITION OR 2004 EDITION).
 DSA REVIEW IS NOT REQUIRED FOR ALL PLAY STRUCTURES.

PLAYGROUND SITE 3

POUR IN PLACE (PIP) RUBBER SURFACING. ENTIRE PLAY SURFACE IS ACCESSIBLE PLAY SURFACE. SAFETY ZONE PIP GIVES AN OPEN ACCESSIBLE PATH OF TRAVEL AROUND THE ELEVATED AND GROUND-LEVEL ACTIVITIES.

A. LIST OF ELEVATED COMPONENTS			
KEY	NAME OF COMPONENT ON ACCESSIBLE ROUTE	NUMBER	NAME OF COMPONENT NOT ON ACCESSIBLE ROUTE
A1	SWI SLIDE	1	N/A
A2	L-SLIDE	1	N/A
A3	TOT ROCK CLIMBER	1	N/A
A4	ELECTRONIC ANIMAL PANEL	1	N/A
A5	VERTICAL LADDER	1	N/A
A6	SEAT-BY-SIDE SLIDE	1	N/A
A7	PLUFT PANEL	1	N/A

B. MINIMUM NUMBER AND TYPES OF GROUND-LEVEL PLAY COMPONENTS ON ACCESSIBLE ROUTES			
KEY	NAME OF COMPONENT	NUMBER	ACTIVITY TYPE
B1	STEERING WHEEL	1	MANIPULATIVE
B2	SPINNING PANEL	1	IMAGINATIVE
B3	TICKET PANEL	1	IMAGINATIVE
B4	PUPPET STAGE	1	IMAGINATIVE
B5	BELL	1	SCOUND
B6	ALEX'S LEVER/MAZE SHED	1	IMAGINATIVE
B7	VERY FURRED PANEL	1	MANIPULATIVE
B8	CONCRETE CARABAS SMALL	1	SCOUND, MANIPULATIVE
B9	HYPNOTIZE PANEL	1	MANIPULATIVE

LEGEND:
 - - - - - ACCESSIBLE PATH OF TRAVEL

PLAY AREA: SEE APPROXIMATE 2 & 3 TIE-INS
 NOTES:
 1. TRANSFER STEPS TO BE SHOWN PER 11B-1004.1.1
 2. USE TYPICAL FINISH SURFACE OF PLAYGROUND COMPLES WITH ACTIVITY 2.6
 3. GROUND CLEARANCE COMPLIES WITH ACTIVITY 2.6.1
 4. PLAYGROUND EQUIPMENT SHALL COMPLY WITH SECTION 11B-1008.4
 5. THIS PLAY AREA MEETS CBC SECTION 11B-1008.1, 11B-1008.4
 6. THIS PLAY AREA MEETS CBC SECTION 11B-1008.1, 11B-1008.2

7. MINIMUM NUMBER AND TYPES OF GROUND-LEVEL PLAY COMPONENTS ON ACCESSIBLE ROUTES
 GROUND LEVEL ACTIVITY TYPE:
 GROUND LEVEL ACTIVITY QUANTITY: 3 REQD: 2
 13 REQD: 2

8. DETAILS
 (C) REFER TO SEEK TRANSFER POINT
 (C) REFER TO CBC SECTION 11B-1004.1

718-851-38
 Miracle Play Systems
 Details are to be left.

LINEAR FEET: 178 LF
 CRITICAL FALL HEIGHT: 3'-0"
 SITE AREA: 1,960 SF
 SCALE: 1/8"=1'-0"
 DATE: 02/01/2023 ADA
 DRAWN BY: KD

BRET HARTE ES - PRESCHOOL PLAY AREA (SITE #3)
 23_1892_BretHarteESSite3Preschool_001
 SACRAMENTO, CA

MIRACLE play systems
 MIRACLE PLAY SYSTEMS
 ALL DRAWINGS ARE SUBJECT TO CHANGE AND SHOULD BE REVIEWED BEFORE FINAL SALE. ALL SITE CONDITIONS WILL NEED TO BE CHECKED PRIOR TO SALE AND INSTALLATION.

PLAY STRUCTURE ACCESSIBILITY EXHIBIT

ARCHITECT: MICHAEL P. WHITFIELD, No. C 30345, Ren. 9/30/23, STATE OF CALIFORNIA
 LANDSCAPE ARCHITECT: MICHAEL P. WHITFIELD, No. C 30345, Ren. 9/30/23, STATE OF CALIFORNIA

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NO.	REMARKS	DATE

DATE: 02.07.2023
 DSA PLAY CHECK
 DSA BACK CHECK
 BIDDING
 CONSTRUCTION

KEY PLAN

Sacramento Unified School District
 425 1st AVENUE
 SACRAMENTO, CA 95818

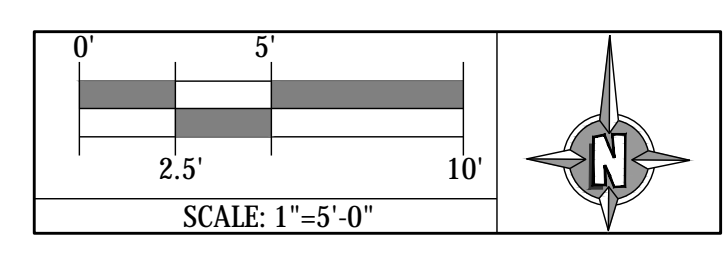
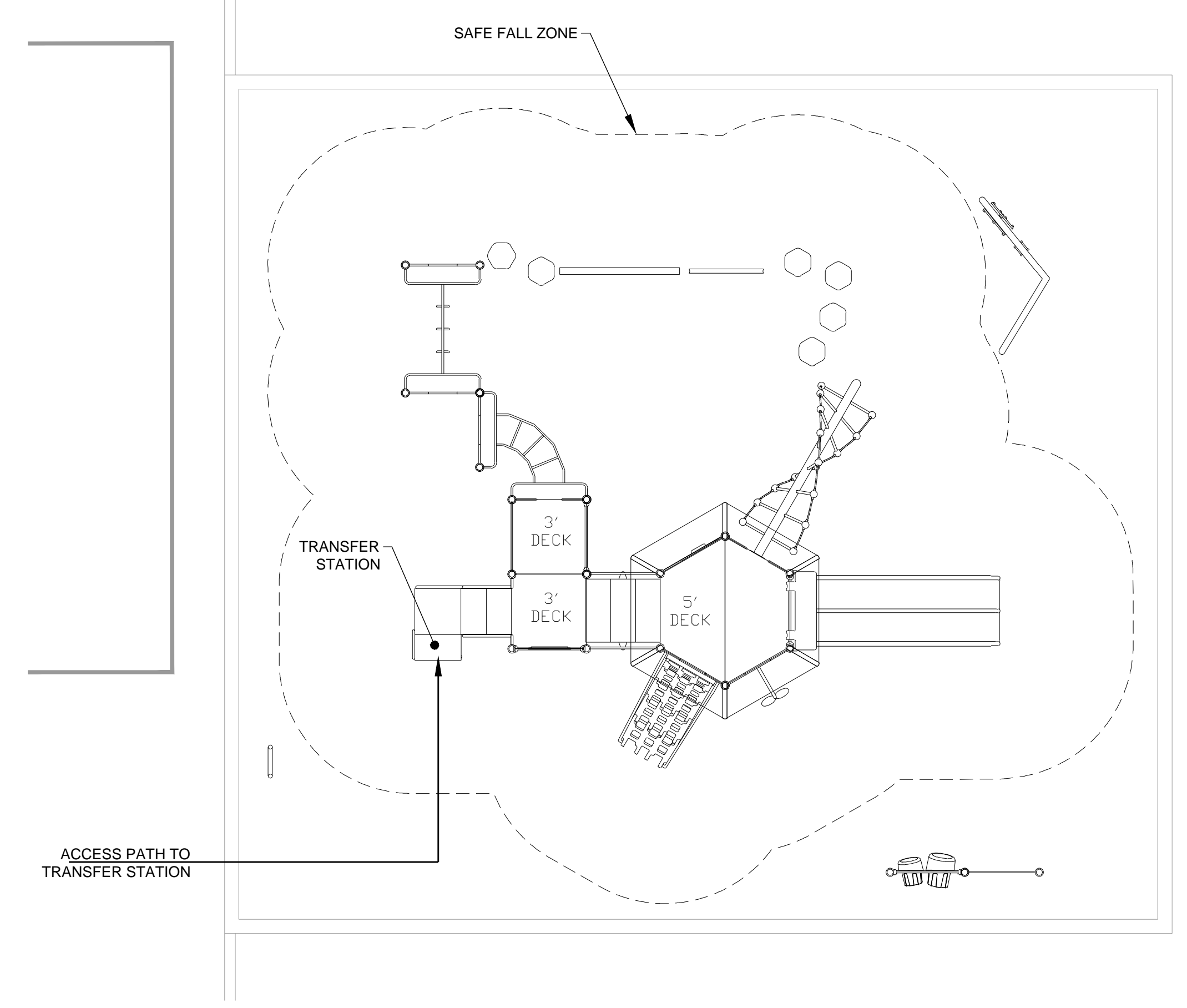
PROJECT STATUS

SCUSD Bret Harte ES
 Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement
 2751 9th Avenue
 Sacramento, CA 95818

PLAYGROUND ENLARGEMENTS

Date: 02/6/2023	Project Number: 22035
Application Number: 02-120968	Drawing Number:
Drawn: MS	Checked: MS

P4



NOTES:
 PLAY COMPONENTS AND STRUCTURES:
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 GROUND SURFACES OF PLAY AREAS:
 GROUND SURFACES ON ACCESSIBLE ROUTES, CLEAR FLOOR OR GROUND SPACES, AND TURNING SPACES FOR PLAY AREAS SHALL COMPLY WITH CBC SECTION 11B-1008.2.6 AS FOLLOWS:
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 • GROUND SURFACES LOCATED WITHIN USE ZONES SHALL COMPLY WITH ASTM F 1292 (1999 EDITION OR 2004 EDITION).
 DSA REVIEW IS NOT REQUIRED FOR ALL PLAY STRUCTURES.

PLAYGROUND SITE 4

POUR IN PLACE (PIP) RUBBER SURFACING. ENTIRE PLAY SURFACE IS ACCESSIBLE PLAY SURFACE. SAFETY ZONE PIP GIVES AN OPEN ACCESSIBLE PATH OF TRAVEL AROUND THE ELEVATED AND GROUND-LEVEL ACTIVITIES.

KEY	NAME OF COMPONENT ON ACCESSIBLE ROUTE	NUMBER	NAME OF COMPONENT NOT ON ACCESSIBLE ROUTE
A1	HORIZONTAL LAZAR	1	N/A
A2	SECRET PANEL	1	N/A
A3	ELECTRONIC ANIMAL PANEL	1	N/A
A4	SHA CLIMBER	1	N/A
A5	SLIDE & SLIDE SLIDE	1	N/A
A6	VINE CLIMBER	1	N/A
A7	HONEYCOMB CLIMBER	1	N/A
A8	SLIDE & SOLVE PANEL	1	N/A

KEY	NAME OF COMPONENT	NUMBER	ACTIVITY TYPE
B1	HANDINGS	1	UPPER BODY CLIMBER
B2	BENCH PERCH	6	BALANCE
B3	BALANCE BEAM	1	BALANCE
B4	CARGO CLIMB-OVER	1	CLIMBER
B5	DYNAMICS LAB	4	SOUND/MANIPULATIVE
B6	SOAP PANEL	1	MANIPULATIVE
B7	SOFT CAPPED BEAM	1	SOUND

TRANSFER STATION: 718-851-33 (Adjust Transfer Point to Deck Level)

STAIR BETWEEN DECKS: 718-851-34 (ADA Step System Deck 2 Rise)

LINEAR FEET: 164 LF
 CRITICAL FALL HEIGHT: 8'-0"
 SITE AREA: 1,677 SF
 SCALE: 1/8"=1'-0"
 DATE: 02/01/2023 ADA
 DRAWN BY: KD

GENERAL NOTES:
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NO.	REMARKS	DATE

DRIVING STATUS:
 ADA PLAY CHECK
 DSA BACK CHECK
 BIDDING
 CONSTRUCTION

DATE: 02.07.2023

KEY PLAN

Sacramento Unified School District
 425 1st AVENUE
 SACRAMENTO, CA 95818

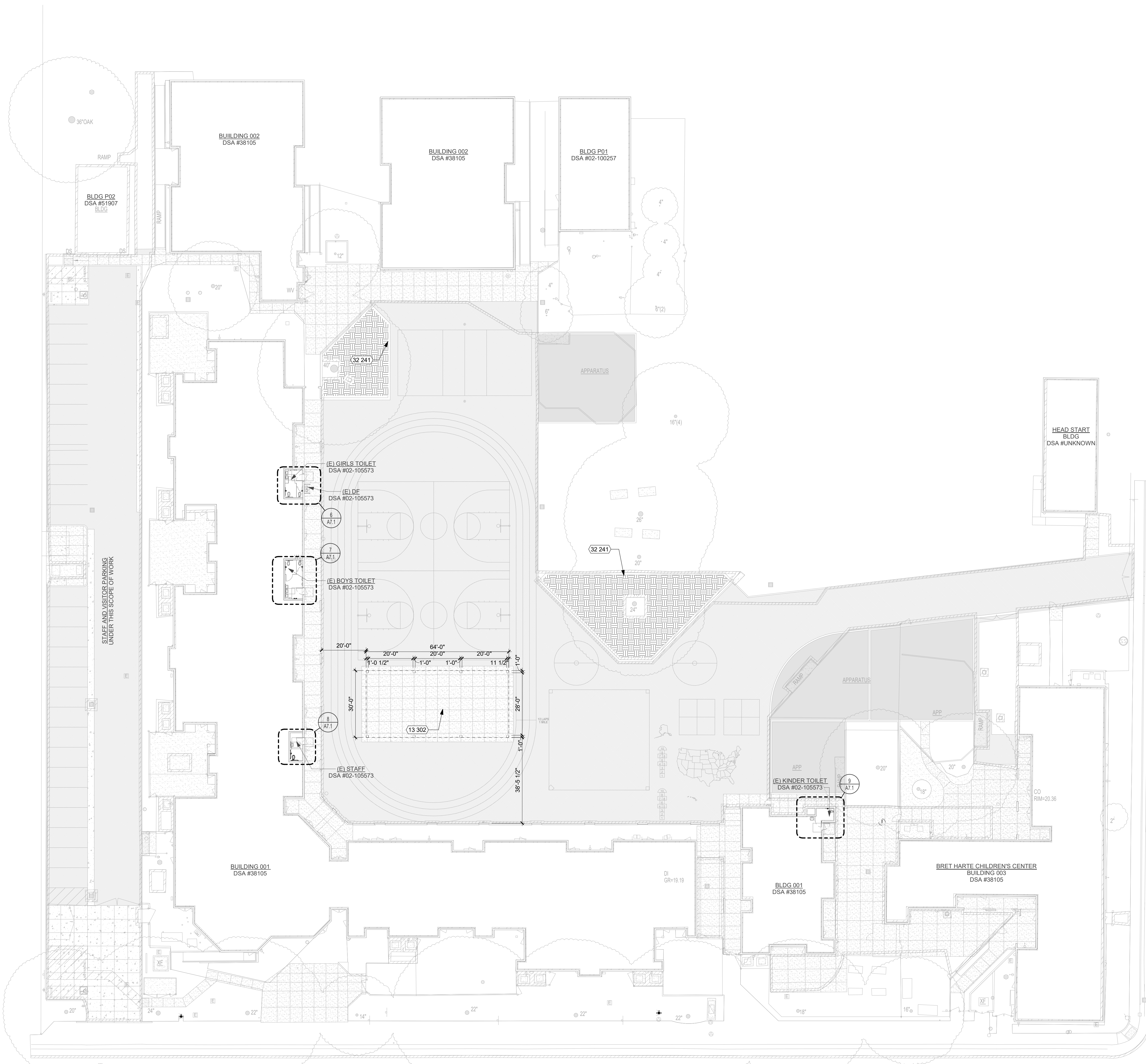
PROJECT STATUS

SCUSD Bret Harte ES
 Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement
 2751 9th Avenue
 Sacramento, CA 95818

PLAYGROUND ENLARGEMENTS

Date: 02/6/2023	Project Number: 22035
Application Number: 02-120968	Drawing Number:
Drawn: MS	Checked: MS

P5



9TH AVENUE

FRANKLIN BOULEVARD

KEYNOTES

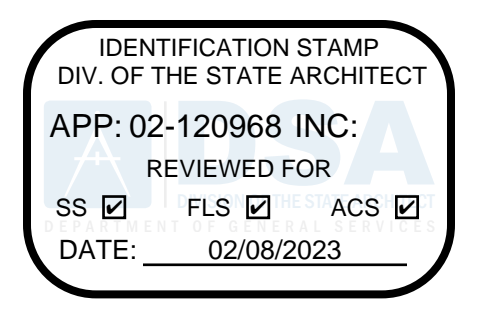
NUMBER	NOTE
13 302	(POLYGON HIP ROOF SHADE STRUCTURE - PC# 02-116077
32 241	(CONCRETE BENCH PER CIVIL DRAWINGS (SEE DETAIL 7/C7.1)

GENERAL NOTES

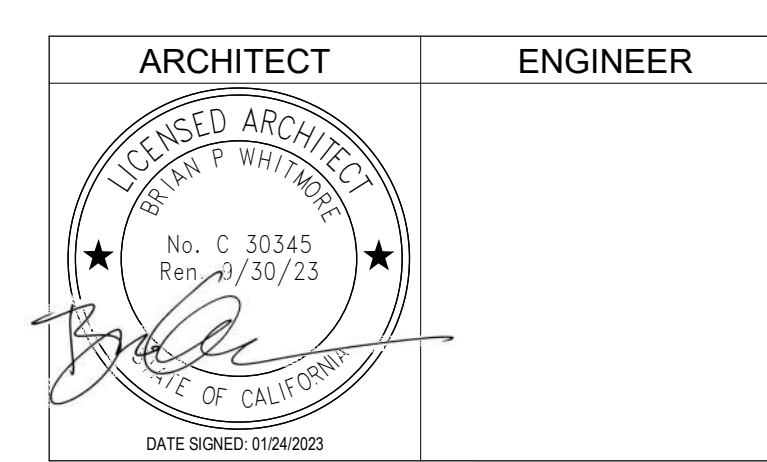
- CONTRACTOR IS RESPONSIBLE FOR 6'-0" HIGH TEMPORARY CONSTRUCTION BARRIER WITH SIGNAGE EVERY 20'-0" TO WARN STUDENTS OF CONSTRUCTION AREA.
- CONTRACTOR SHALL BRING IN OFFICE TRAILER TO CONSTRUCTION AREA. CONTRACTOR SHALL ACCESS THE SITE FROM 9TH AVENUE. ANY DAMAGE TO FIRE LANE WILL BE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR TO REPAIR BACK TO EXISTING CONDITIONS ALL LAYDOWN AREAS AT THE END OF CONSTRUCTION. THIS INCLUDES LANDSCAPE AREAS AND ANY BROKEN SPRINKLERS, VALVE BOXES, CONCRETE, ASPHALT, ETC.
- CONTRACTOR SHALL REPLACE, RECONSTRUCT AND REPAIR ALL EXISTING WORK THAT IS IMPACTED, DAMAGED, OR DESTROYED AS A RESULT OF ANY CONTRACTOR WORK INCLUDING, BUT NOT LIMITED TO, HARDSCAPING, SIDEWALKS, IRRIGATION SYSTEMS, LANDSCAPING, LAWNS, STRUCTURES AND UTILITIES - ALL TO THE SATISFACTION OF THE DISTRICT.
- WHERE ASPHALT OR CONCRETE IS BEING REPAATCHED, CONTRACTOR SHALL PROVIDE EVEN AND STRAIGHT LINE CUTS WITH 2-FOOT STRAIGHT SLURRY SEAL SURFACE PATCH ON BOTH SIDES OF CUT.
- CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON SITE TO AVOID EXISTING DUCTS, PIPING OR CONDUITS, ETC., AND TO PREVENT HAZARDS TO PERSONNEL AND/OR DAMAGE TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN AND INSTALLED BY ANY OTHER CONTRACTS. THE ARCHITECT IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACTS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY ELEMENTS FOR CONSTRUCTION SAFETY.
- GATES IN PATH OF TRAVEL SHALL COMPLY WITH EXIT DOOR REQUIREMENTS WITH PROPER LEVER HARDWARE AND KICK PLATES.
- DETAILED DEMOLITION PLAN FOR PARTIAL DEMOLITIONS WITH NOTE ON PLAN STATING THAT NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA. INDICATE TERMINATION OF EXISTING UTILITIES SERVING THE DEMOLISHED BUILDING, AND/OR ANY CONSTRUCTED OR INSTALLED ELEMENTS TO HOUSE TERMINATIONS

LEGEND

	PROPERTY LINE
	LIMIT OF WORK
	LINE OF ROOF, SKYLIGHT, OR SOFFIT OVERHEAD - SHOWN DASHED
	FIRE HYDRANT
	(N) ASPHALT PER CIVIL
	(N) CONCRETE PER CIVIL
	(N) PLANTER MULCH PER CIVIL



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REVISION HISTORY

NO.	REMARKS	DATE

DRAWING STATUS

STATUS	DATE
<input checked="" type="radio"/> DSA PLAN CHECK	02.07.2023
<input type="radio"/> DSA BACK CHECK	
<input type="radio"/> BIDDING	
<input type="radio"/> CONSTRUCTION	

KEY PLAN

Sacramento Unified School District
 425 1st AVENUE
 SACRAMENTO, CA 95818

PROJECT STATUS

SCUSD Bret Harte ES
 Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement
 2751 9th Avenue
 Sacramento, CA 95818

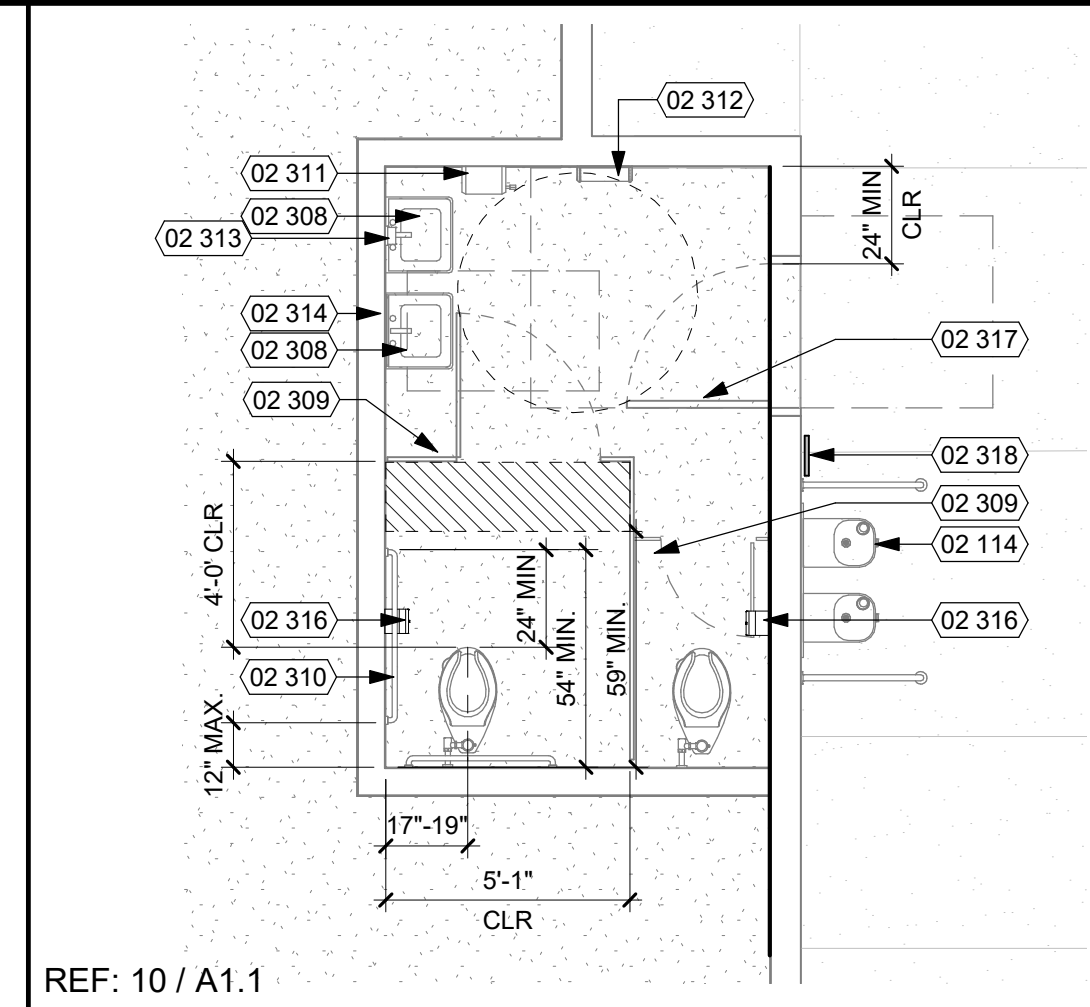
SITE PLAN OVERALL

Date	01/24/2023	Project Number	22035
Application Number	02-120968	Drawing Number	A1.1
Drawn	Checked	Author	Checker

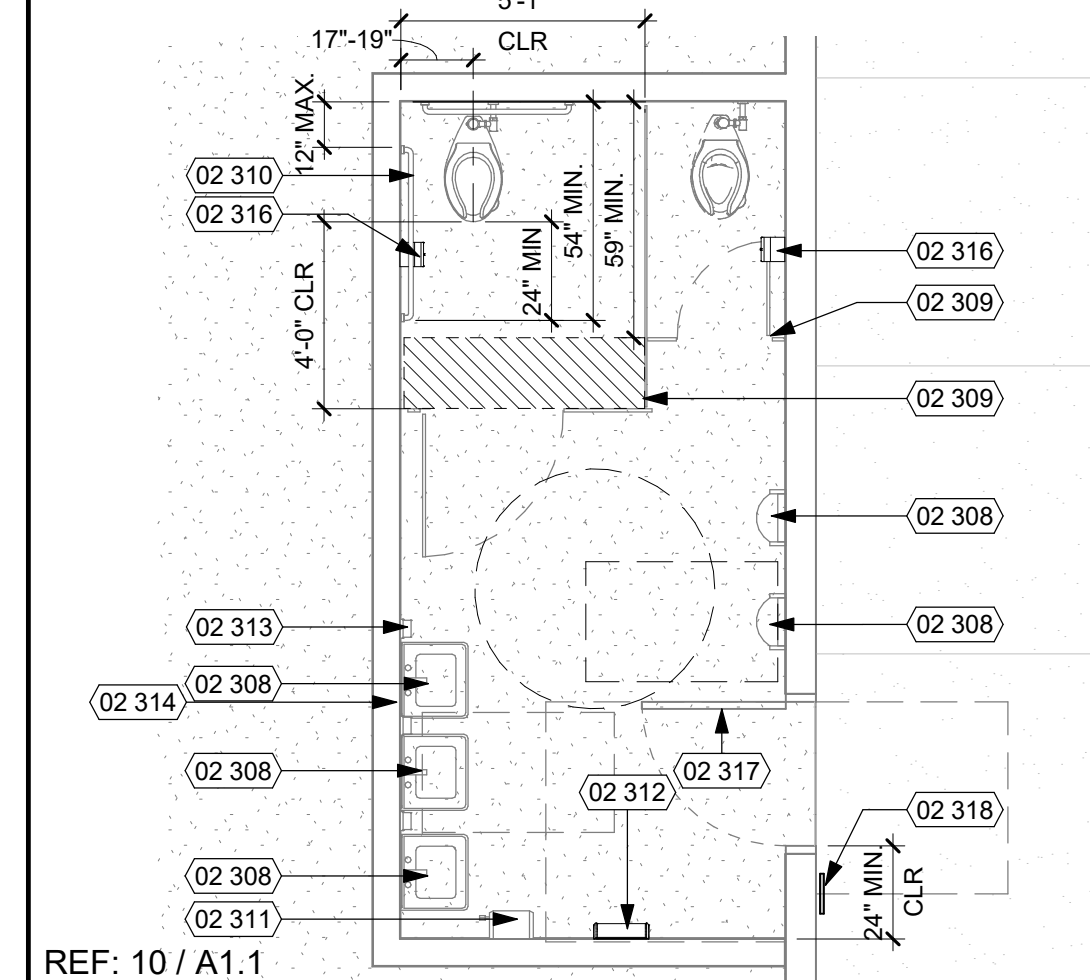
PRINT DATE: 1/26/2023 7:18:32 AM
 FILE PATH: P:\2022\2035 Sacramento_Chi_USD Bret Harte ES\Drawings\2035_SCU_Bret Harte ES.rvt

KEYNOTES

NUMBER	NOTE
00 320	REMOVE (E) PLUMBING FIXTURE, SALVAGE, RESTORE RELOCATE TO NEW LOCATION. CAP (E) PLUMBING WATER AND WASTE BELOW (E) SLAB AND WALL FINISHES. REROUTE (N) PLUMBING WATER AND WASTE TO NEW LOCATION.
00 321	REMOVE (E) GRAB BARS, SALVAGE, RESTORE AND RELOCATE TO (N) LOCATION.
00 334	REMOVE (E) SANITARY NAPKIN DISPOSAL, SALVAGE AND RELOCATE. REFER TO 13/A7.1
00 335	REMOVE (E) TOILET PAPER DISPENSER, SALVAGE AND RELOCATE. REFER TO 13/A7.1
02 114	(E) DRINKING FOUNTAIN TO REMAIN
02 308	(E) PLUMBING FIXTURE TO REMAIN
02 309	(E) TOILET PARTITIONS TO REMAIN
02 310	(E) GRAB BARS TO REMAIN
02 311	(E) PAPER TOWEL DISPENSER TO REMAIN
02 312	(E) HAND DRYER TO REMAIN
02 313	(E) SOAP DISPENSER TO REMAIN
02 314	(E) MIRROR TO REMAIN
02 315	(E) TOILET SEAT COVER DISPENSER TO REMAIN
02 316	(E) TOILET PAPER DISPENSER TO REMAIN
02 317	(E) GENDER DOOR SIGN TO REMAIN
02 318	(E) ROOM SIGN TO REMAIN
09 304	PATCH, REPAIR AND REPLACE TILE. MATCH (E) ADJ.
10 203	GRAB BAR (SEE DETAIL 11/A10.10.2)
10 210	SANITARY NAPKIN DISPENSER, SURFACE MOUNTED
22 411	FLOOR MOUNTED WATER CLOSET, REINSTALL (E)



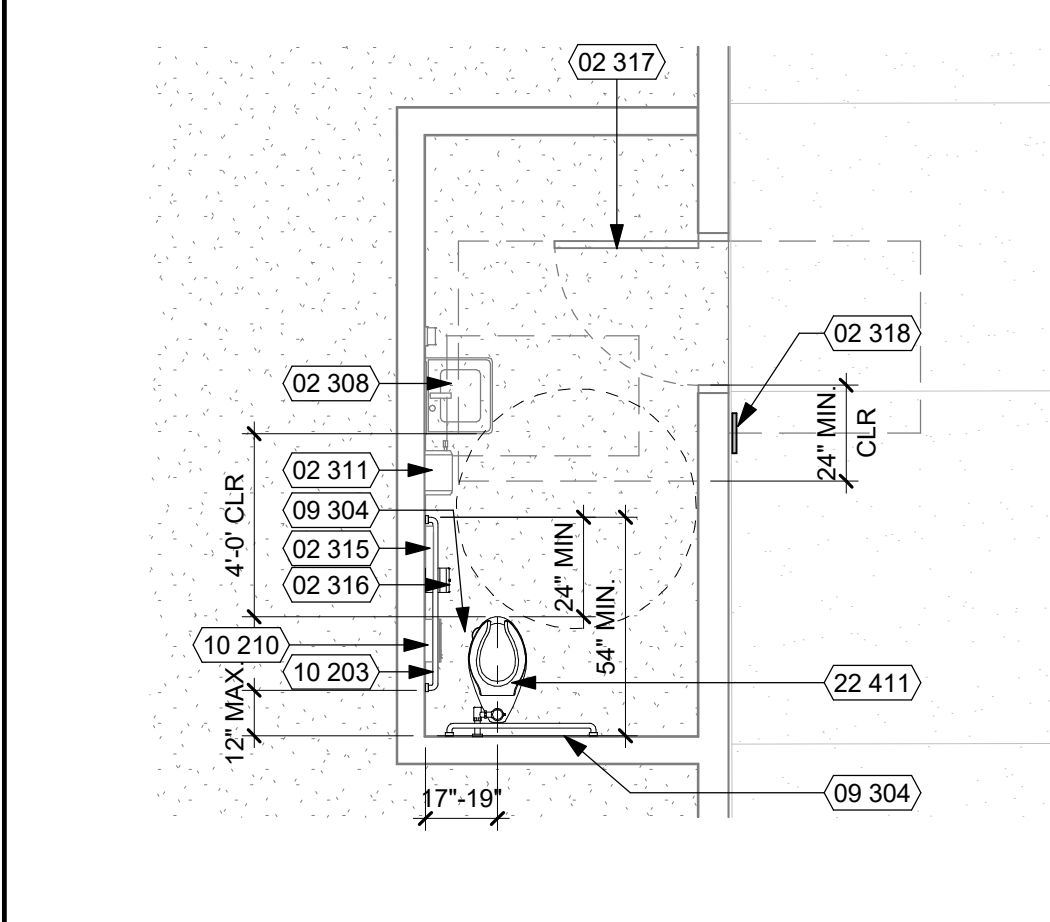
EXISTING GIRLS RESTROOM 1/4" = 1'-0" **6**



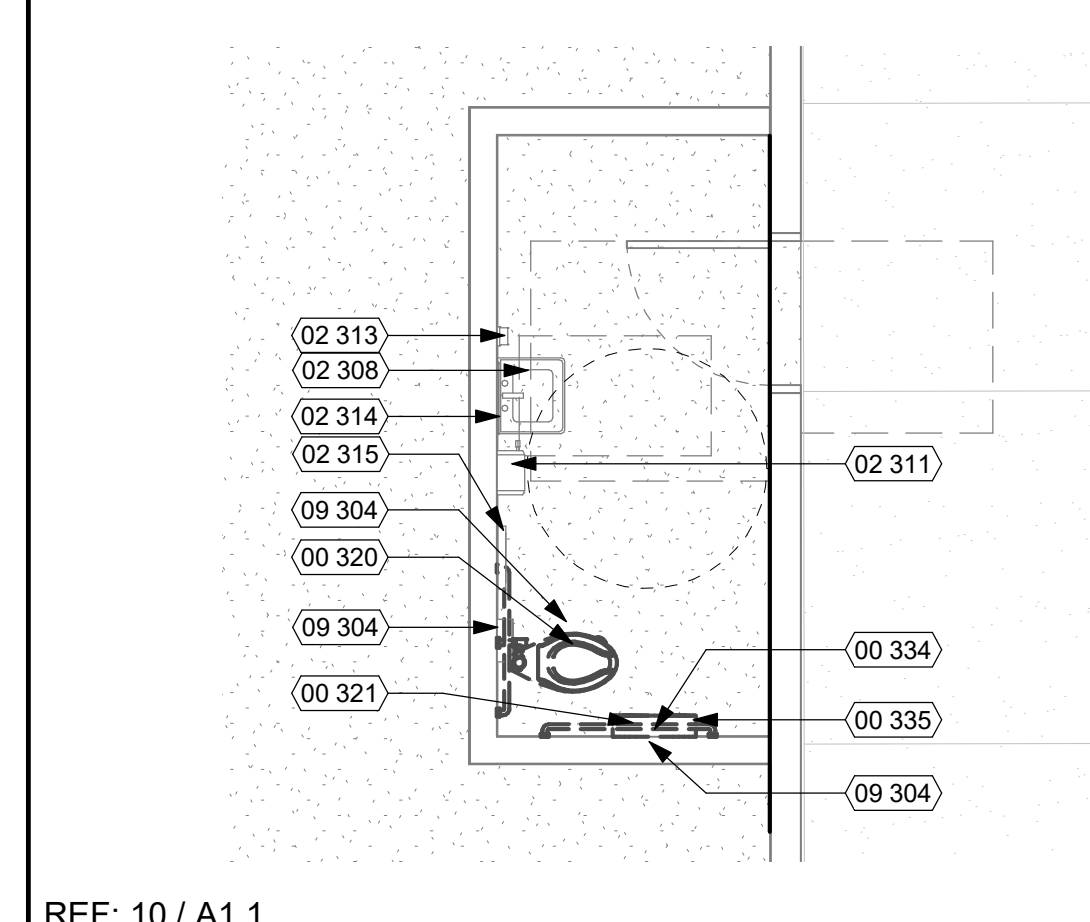
EXISTING BOYS RESTROOM 1/4" = 1'-0" **7**

GENERAL NOTES

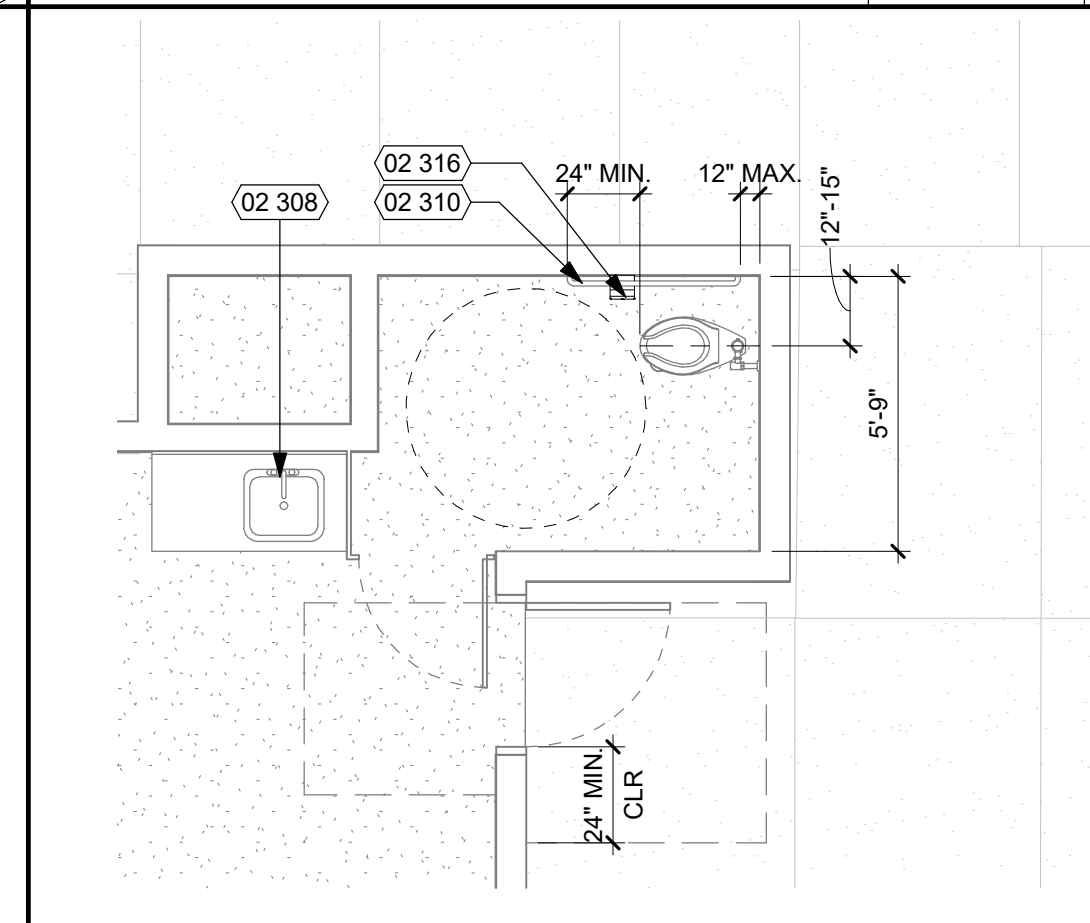
- GENERAL**
- DIMENSIONS**
 - ALL MINIMUM CLEARANCE DIMENSIONS FOR PLUMBING FIXTURES ARE FROM FACE OF WALL FINISH TO CENTER OF FIXTURE, U.O.N.
 - ALL DIMENSIONS MARKED "MIN. CLR" OR "CLR." ARE TO FROM FACE OF WALL FINISH (F.O.F.).
 - (E) FLOOR DRAIN TO REMAIN.
 - ACCESSORIES**
 - ALL RESTROOM FIXTURES AND ACCESSORIES MOUNTING HEIGHTS AND LOCATIONS TO USE ADULT DIMENSIONS
 - GENERAL CONTRACTOR TO FIELD VERIFY ALL RESTROOM ACCESSORIES. FOR TYPICAL RESTROOM ACCESSORY MOUNTING HEIGHTS, ACCESSIBLE DIMENSIONS, SEE SHEET A10.10.2. REMOVE, RELOCATE AND/OR REPLACE ALL ACCESSORIES THAT ARE NOT IN COMPLIANCE WITH CURRENT CODE.
 - (N) TOILET ACCESSORIES LOCATED ON OR WITHIN WALLS SHALL BE INSTALLED AND SEALED TO PROTECT STRUCTURAL ELEMENTS FROM MOISTURE (CBC SECTION 12.10.2.2)
 - STALLS AND PARTITIONS**
 - ALL ACCESSIBLE TOILET PARTITION DOORS TO BE 36" WIDE MINIMUM AND ALL NON-ACCESSIBLE TOILET PARTITION DOORS SHALL NOT BE LESS THAN 2'-2". FLUSH VALVE TO BE LOCATED AT WIDE SIDE OF STALL/SPACE.



EXISTING STAFF RESTROOM - NEW 1/4" = 1'-0" **13**



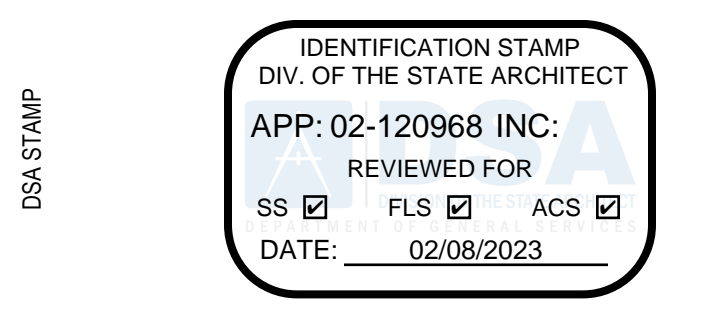
EXISTING STAFF RESTROOM - DEMO 1/4" = 1'-0" **8**



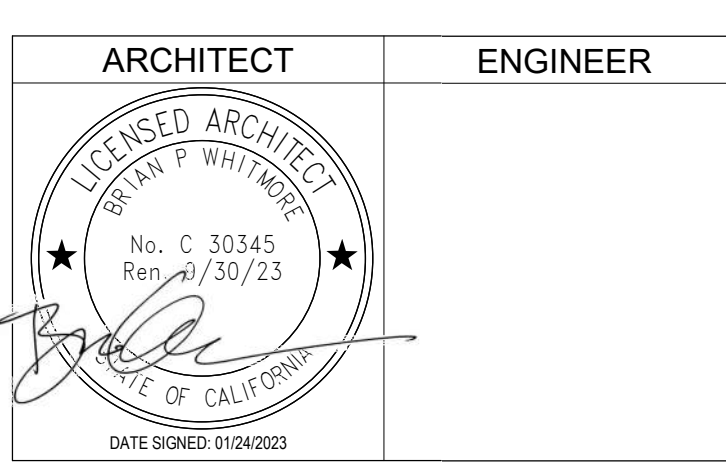
EXISTING KINDER RESTROOM 1/4" = 1'-0" **9**

LEGEND

- 30' x 48' ACCESSIBLE CLEAR SPACE
- 60' DIAMETER ACCESSIBLE CLEAR SPACE



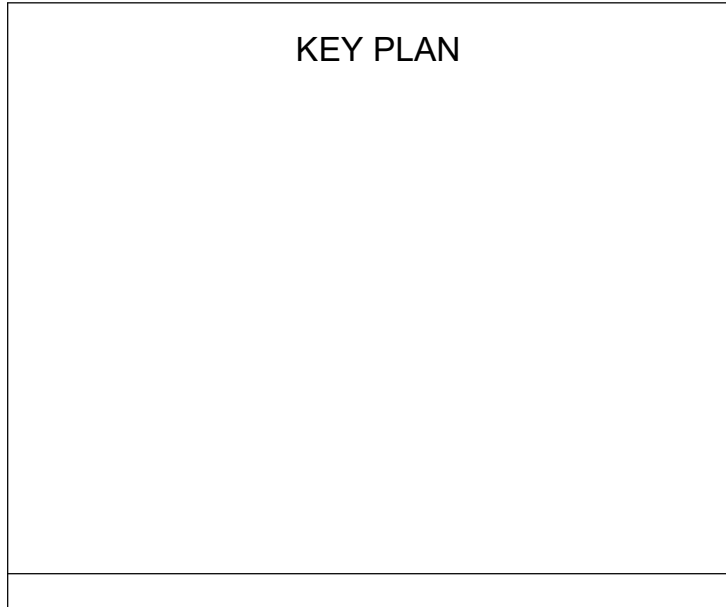
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NO.	REMARKS	DATE

DRAWING STATUS	DATE
<input checked="" type="radio"/> DSA PLAN CHECK	02.07.2023
<input type="radio"/> DSA BACK CHECK	
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<input type="radio"/> CONSTRUCTION	



Sacramento Unified School District
 425 1st AVENUE
 SACRAMENTO, CA 95818

PROJECT STATUS

SCUSD Bret Harte ES
 Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement
 2751 9th Avenue
 Sacramento, CA 95818

TOILET ROOM PLANS AND ELEVATIONS

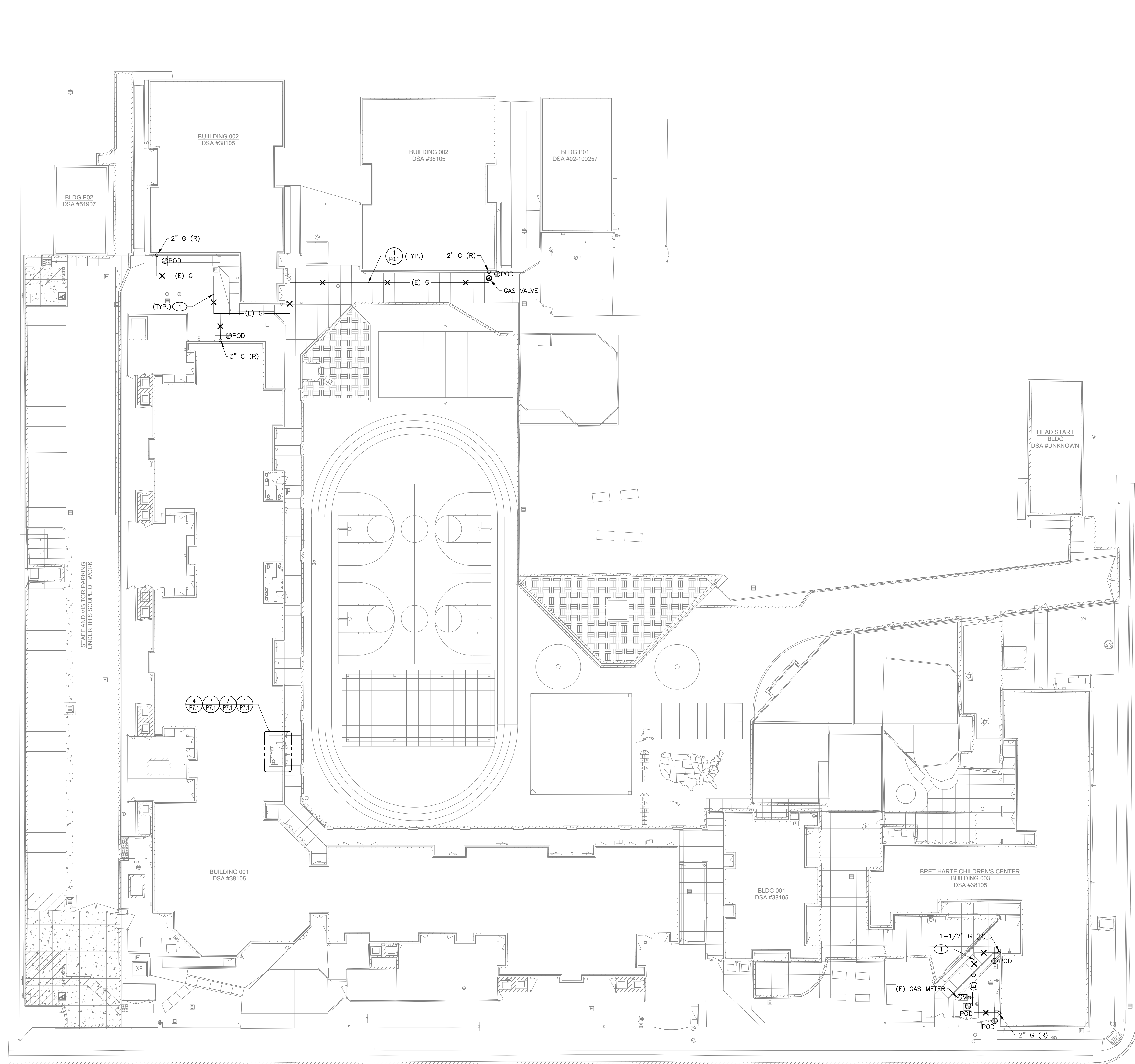
Date 01/24/2023	Project Number 22035
Application Number 02-120968	Drawing Number A7.1
Drawn Author	Checked Checker

KEY NOTES

- 1 REMOVE AND REPLACE (E) GAS PIPING SHOWN HATCHED UP TO POD.

GENERAL NOTES

- 1. FIELD VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK AND NOTIFY ARCHITECT/ENGINEER OF ANY CONFLICTS OR DISCREPANCIES.



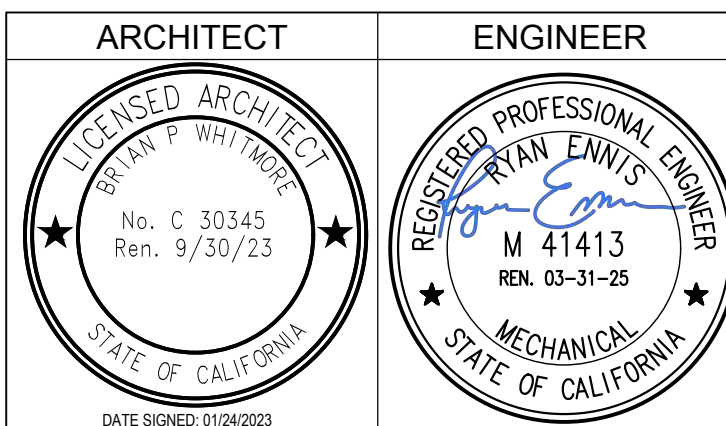
9TH AVENUE

FRANKLIN BOULEVARD

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DRAWING STATUS	DATE
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<input type="radio"/> CONSTRUCTION	

KEY PLAN

Sacramento Unified School District
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SACRAMENTO, CA 95818

PROJECT STATUS

SCUSD Bret Harte ES
Hardcourt, Underground Utility Replacement, Parking Lot Upgrade, Play Structure Replacement
2751 9th Avenue
Sacramento, CA 95818

PLUMBING OVERALL SITE PLAN

Date 01/24/2023	Project Number 22035
Application Number 02-120968	Drawing Number P1.1
Drawn Author	Checked Checker

PLUMBING OVERALL SITE PLAN

1" = 20'-0"

1

KEY NOTES

- 1. REMOVE (E) PLUMBING FIXTURE SHOWN HATCHED. PIPING TO BE MODIFIED FOR (N) FIXTURE.

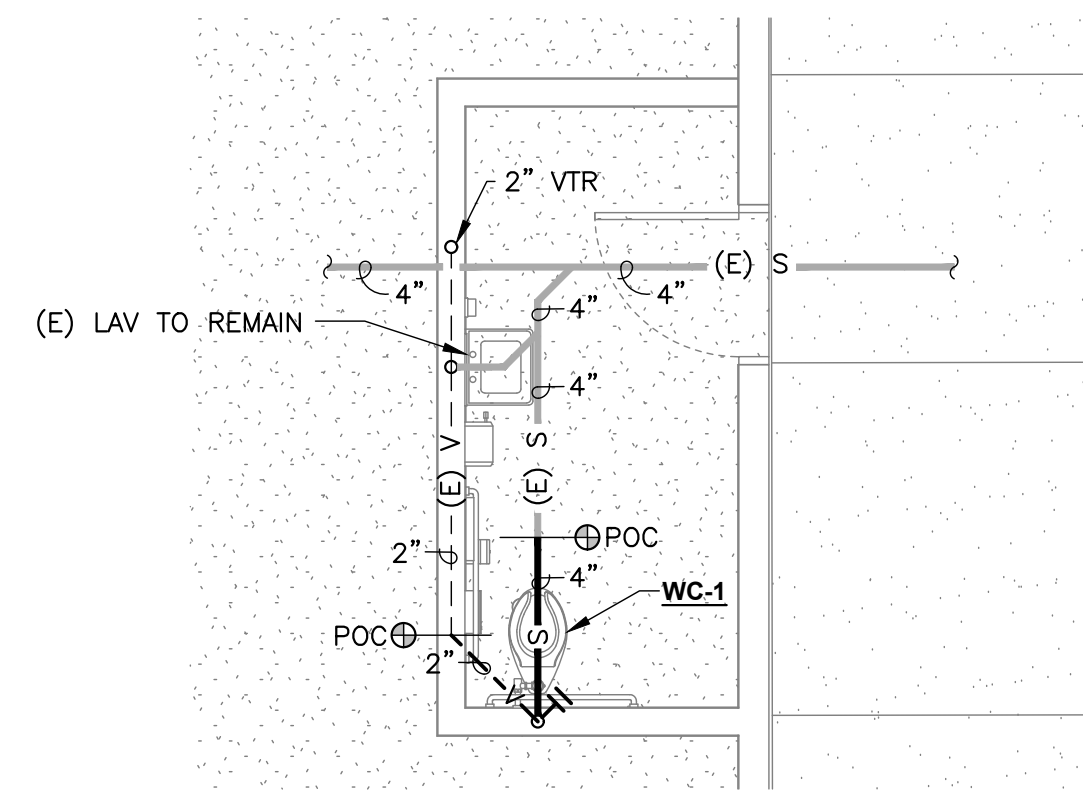
IDENTIFICATION STAMP
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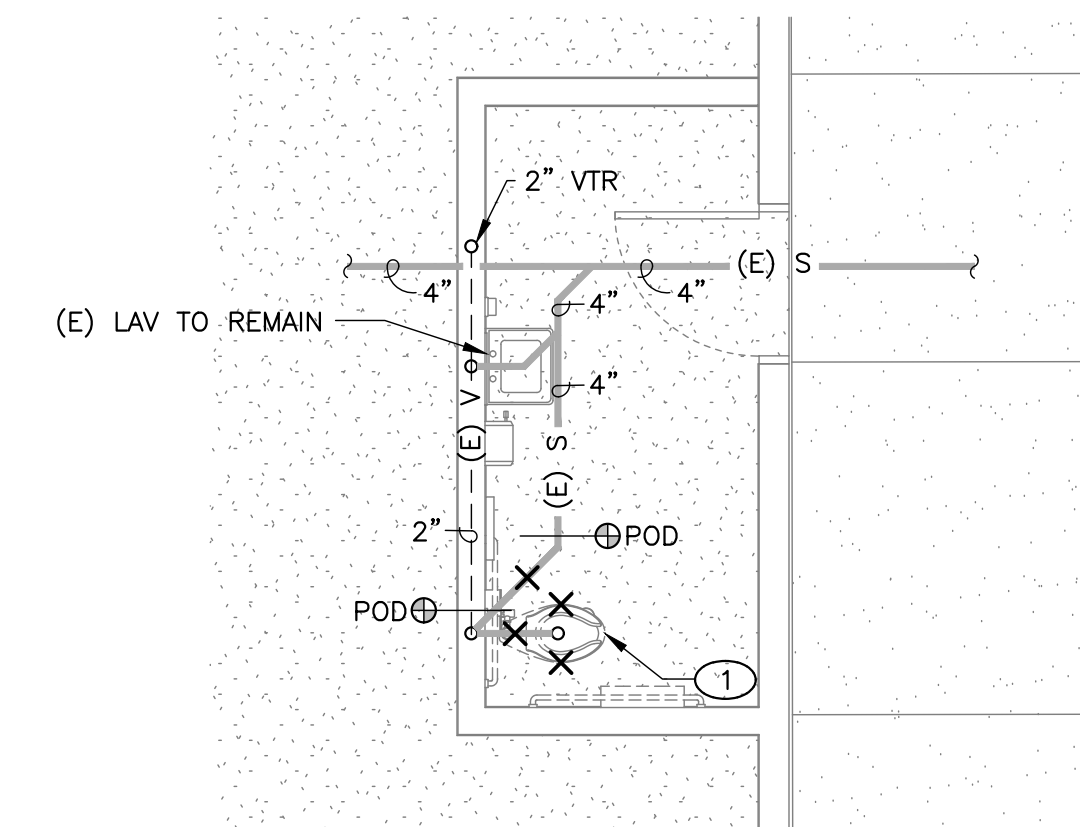
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GENERAL NOTES

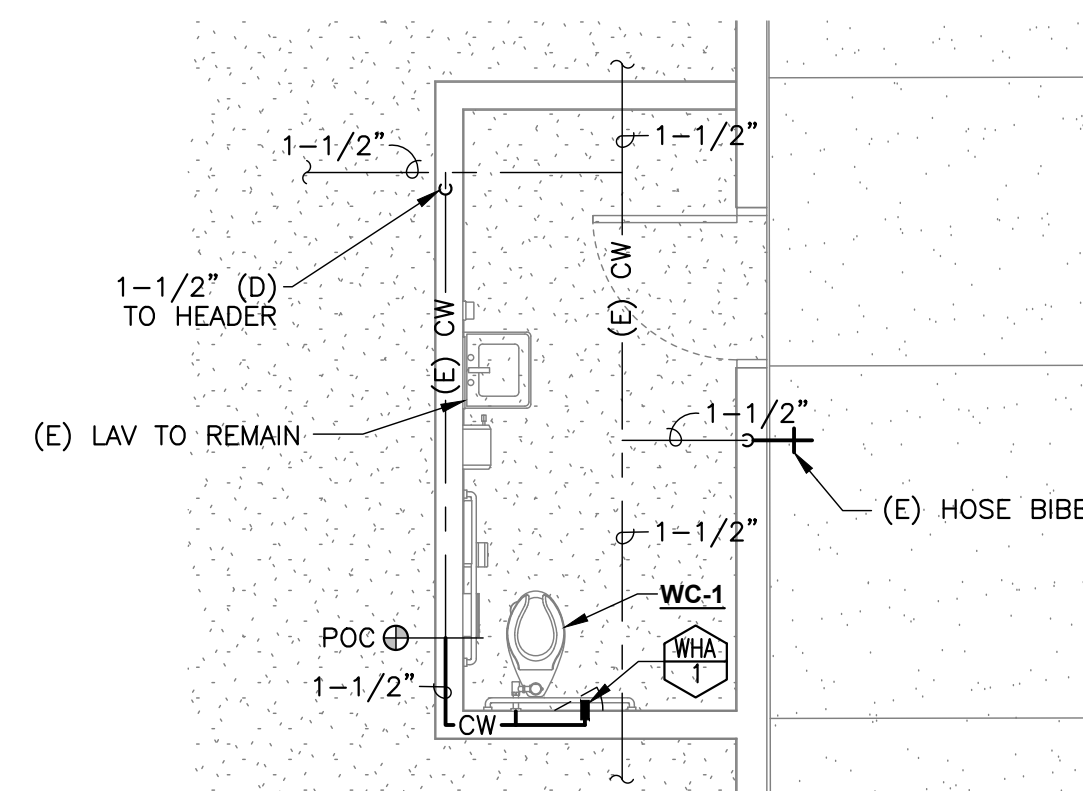
- 1. FIELD VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK AND NOTIFY ARCHITECT/ENGINEER OF ANY CONFLICTS OR DISCREPANCIES.



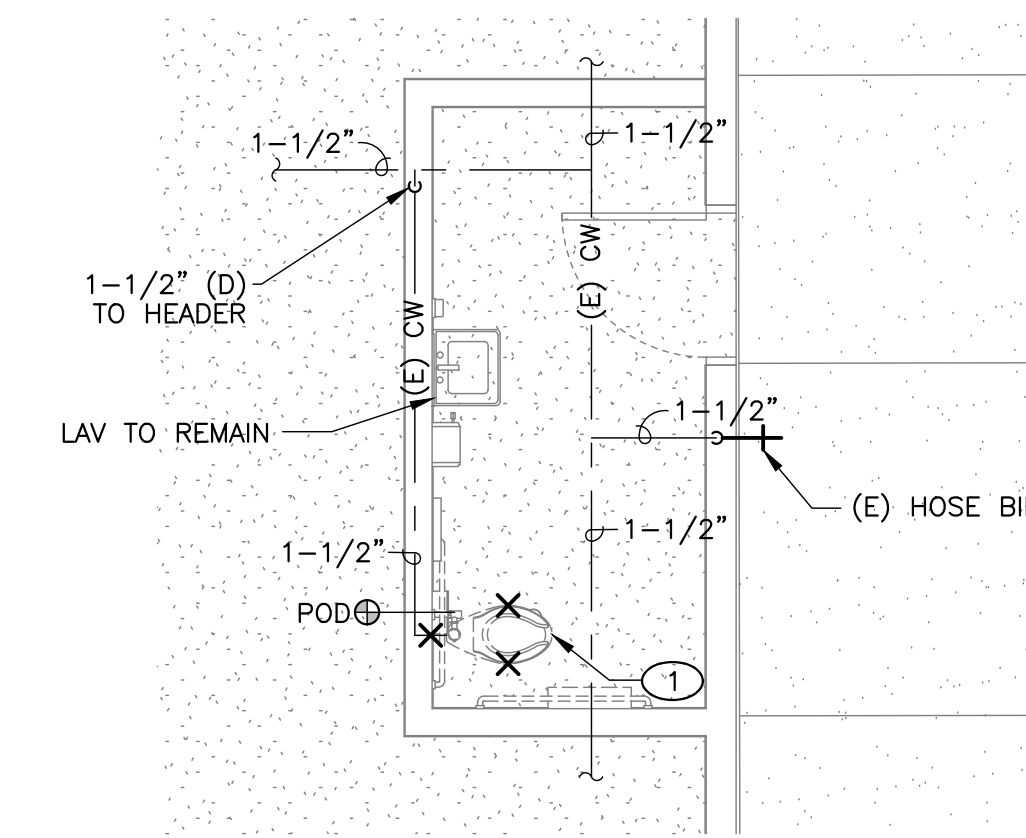
EXISTING STAFF RESTROOM - WASTE & VENT NEW 1/4" = 1'-0" 2



EXISTING STAFF RESTROOM - WASTE & VENT DEMO 1/4" = 1'-0" 1



EXISTING STAFF RESTROOM - CW & HW NEW 1/4" = 1'-0" 4



EXISTING STAFF RESTROOM - CW & HW DEMO 1/4" = 1'-0" 3

<p>ARCHITECT</p>	<p>ENGINEER</p>
------------------	-----------------

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KEY PLAN

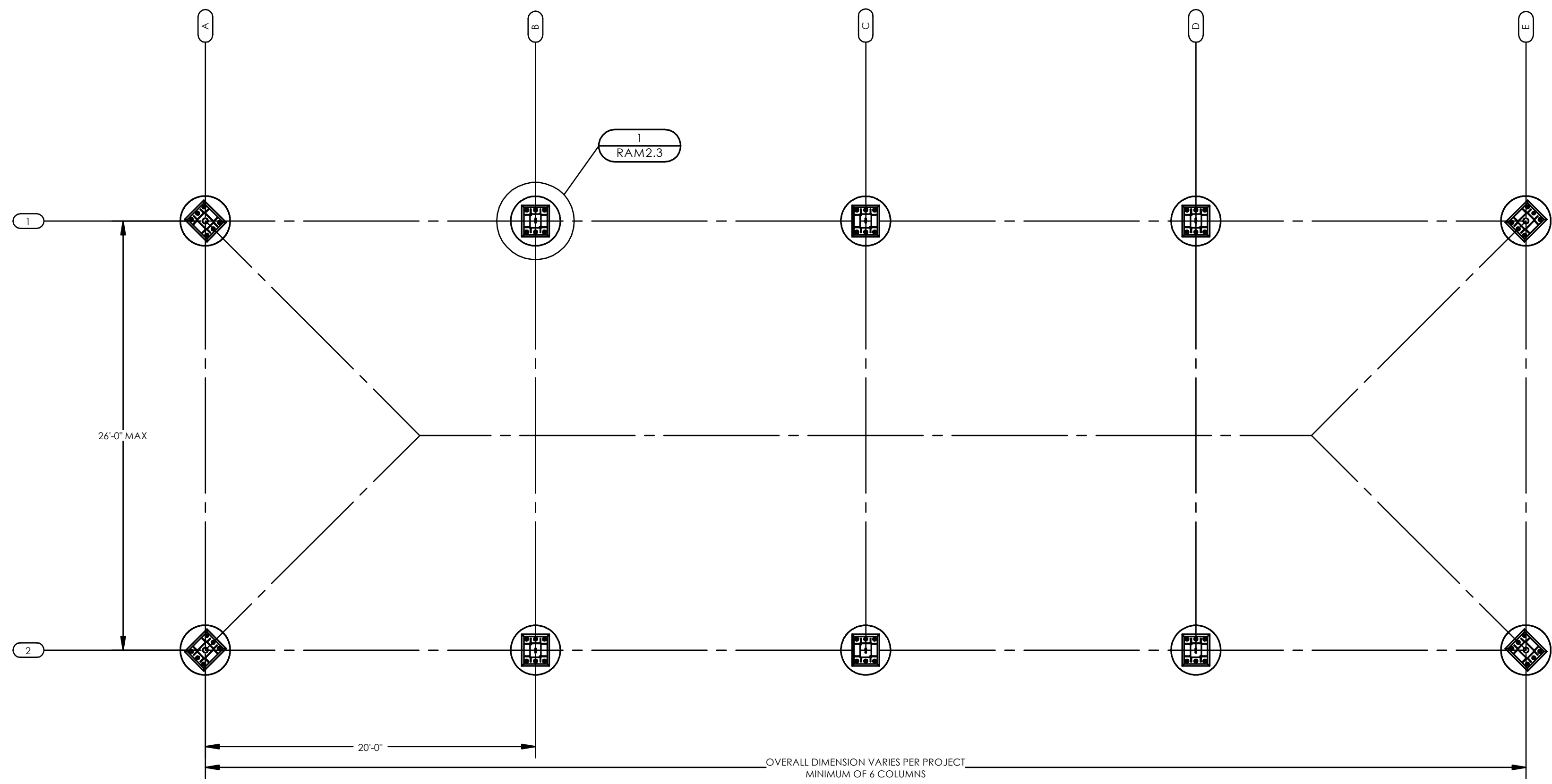
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PROJECT STATUS

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PLUMBING FLOOR PLAN

Date	01/24/2023	Project Number	22035
Application Number	02-120968	Drawing Number	P7.1
Drawn	Checked	Author	Checker



FOUNDATION PLAN NOTES:

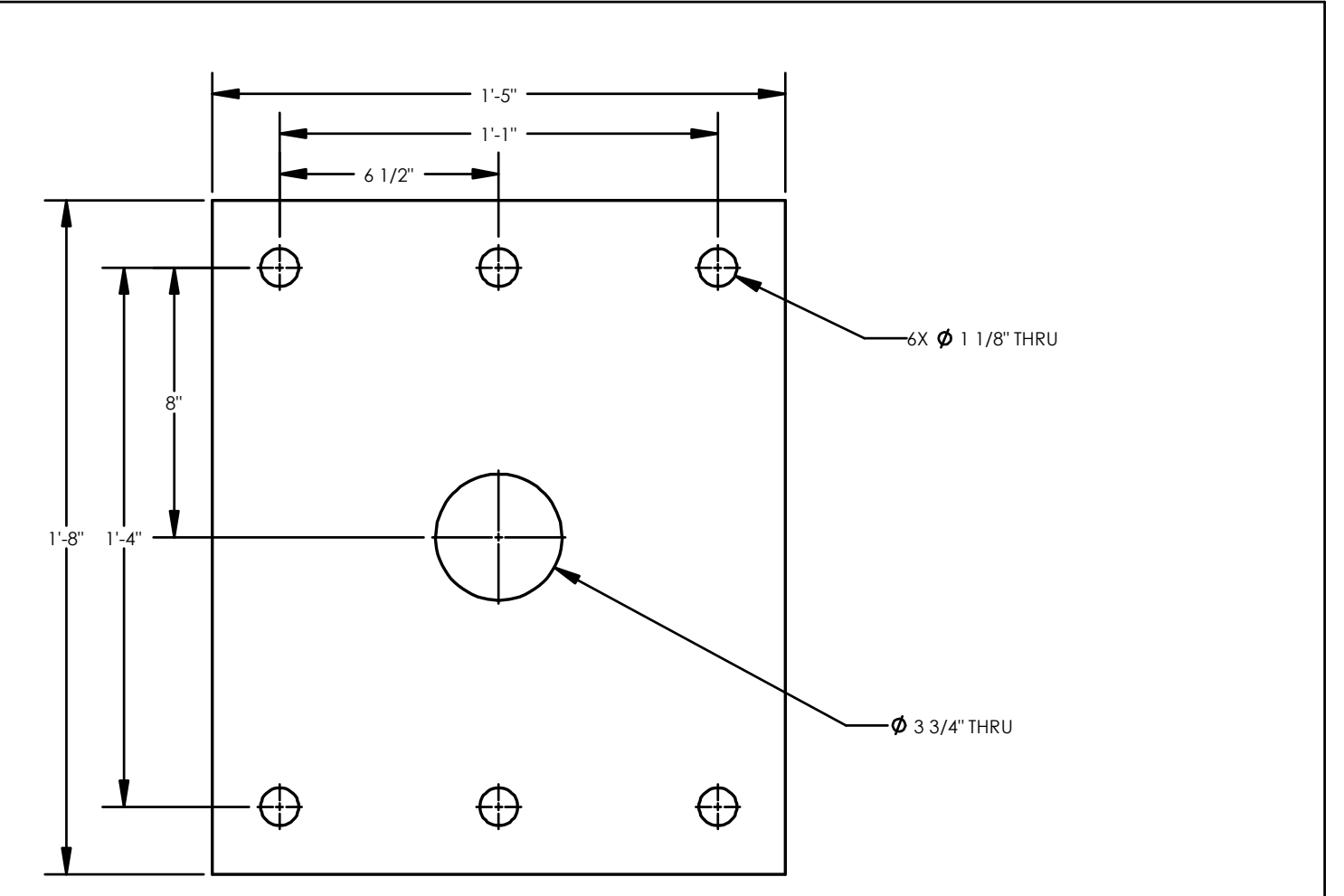
- TOP OF ALL FOUNDATIONS MUST BE CONSTRUCTED AT ONE COMMON ELEVATION (COORDINATE WITH SITE PLANS - NOT BY POLYGON)
- ALL FOUNDATIONS MUST BE CENTERED UNDER COLUMNS (UNO).
- SEE SHEET RAM1.1 FOR CONCRETE REQUIREMENTS.
- PRIOR TO FORMING AND CASTING FOUNDATIONS, REVIEW FOUNDATION PLAN FOR REQUIRED ORIENTATION.
- FOUNDATION MATERIAL AND INSTALLATION NOT BY POLYGON.
- VIBRATE CONCRETE FULL DEPTH OF FOUNDATION.
- FOR DRILLED PIER FOUNDATIONS, PREVENT SOIL FROM ENTERING EXCAVATED HOLE (FORM, ETC).

STATE APPROVALS SITE
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SS FLS ACS
DATE: 02/08/2023

308 PULGA COLLEGE RD OFFICE
CANTON PARK, CA 95022
916-777-2412
GHD

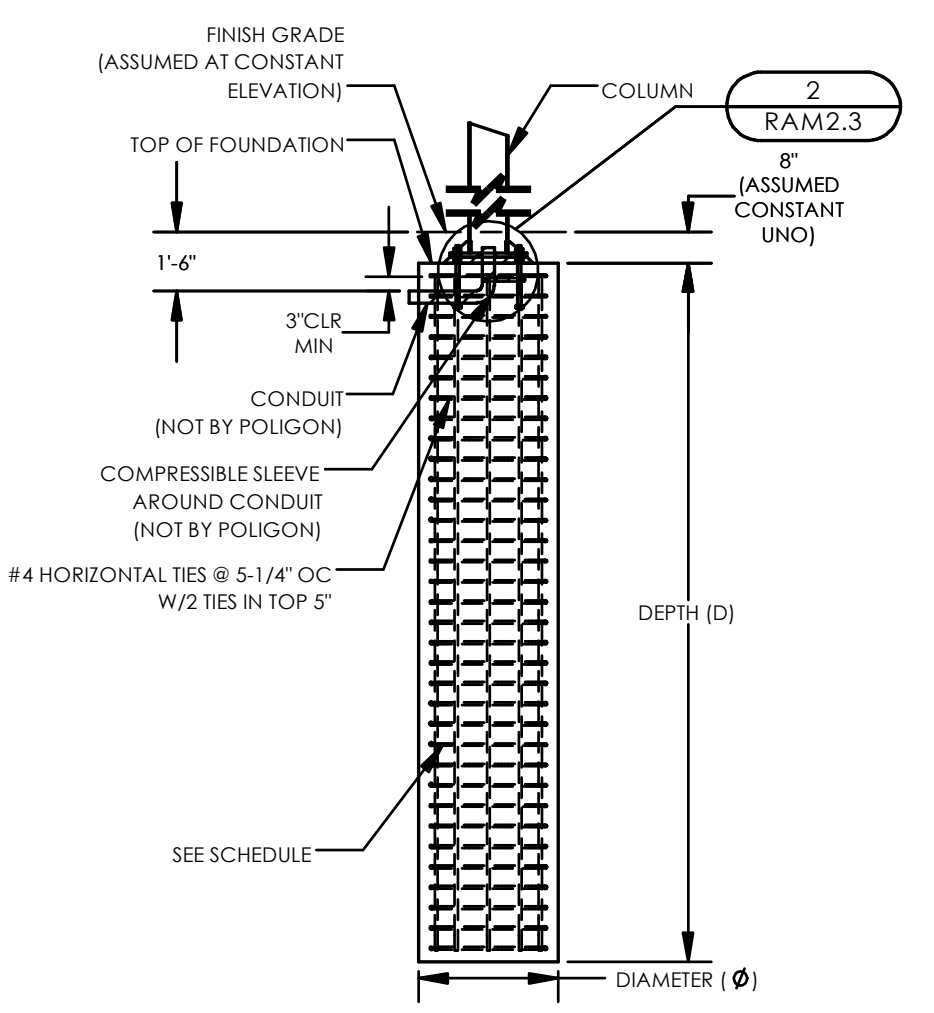
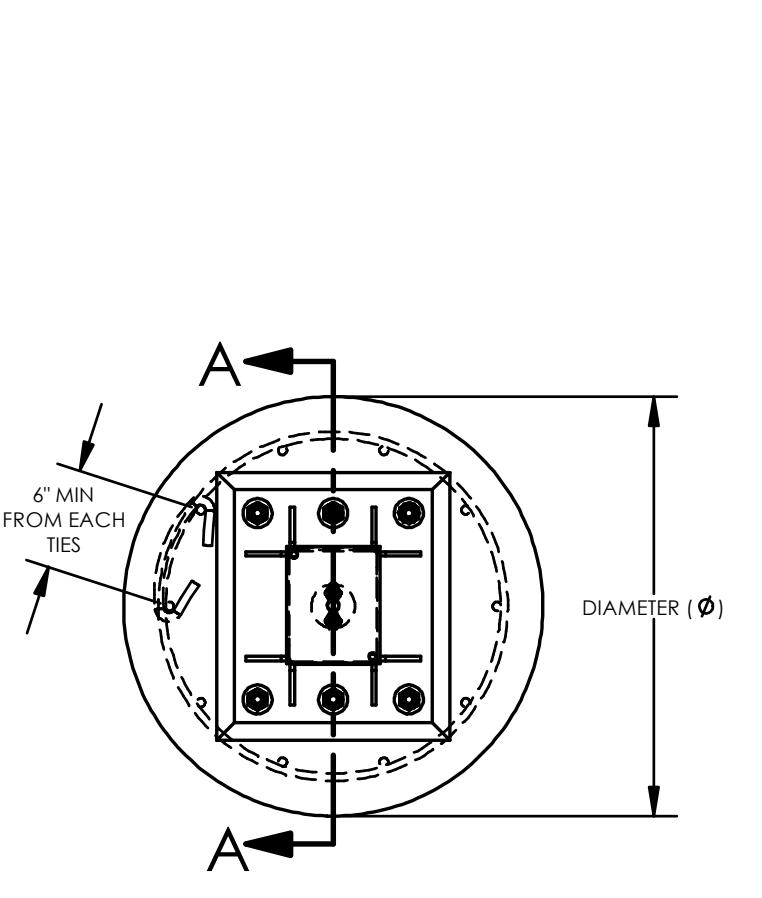
poligon
PORTER
P. PORTER, M.A.S.
REGISTERED PROFESSIONAL ENGINEER
NO. 98729
STRUCTURAL
STATE OF CALIFORNIA

STATE APPROVALS-PC
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-119077 PC
REVIEWED FOR
SS FLS ACS CG
DATE: 07/22/2021



COLUMN BASEPLATE

3



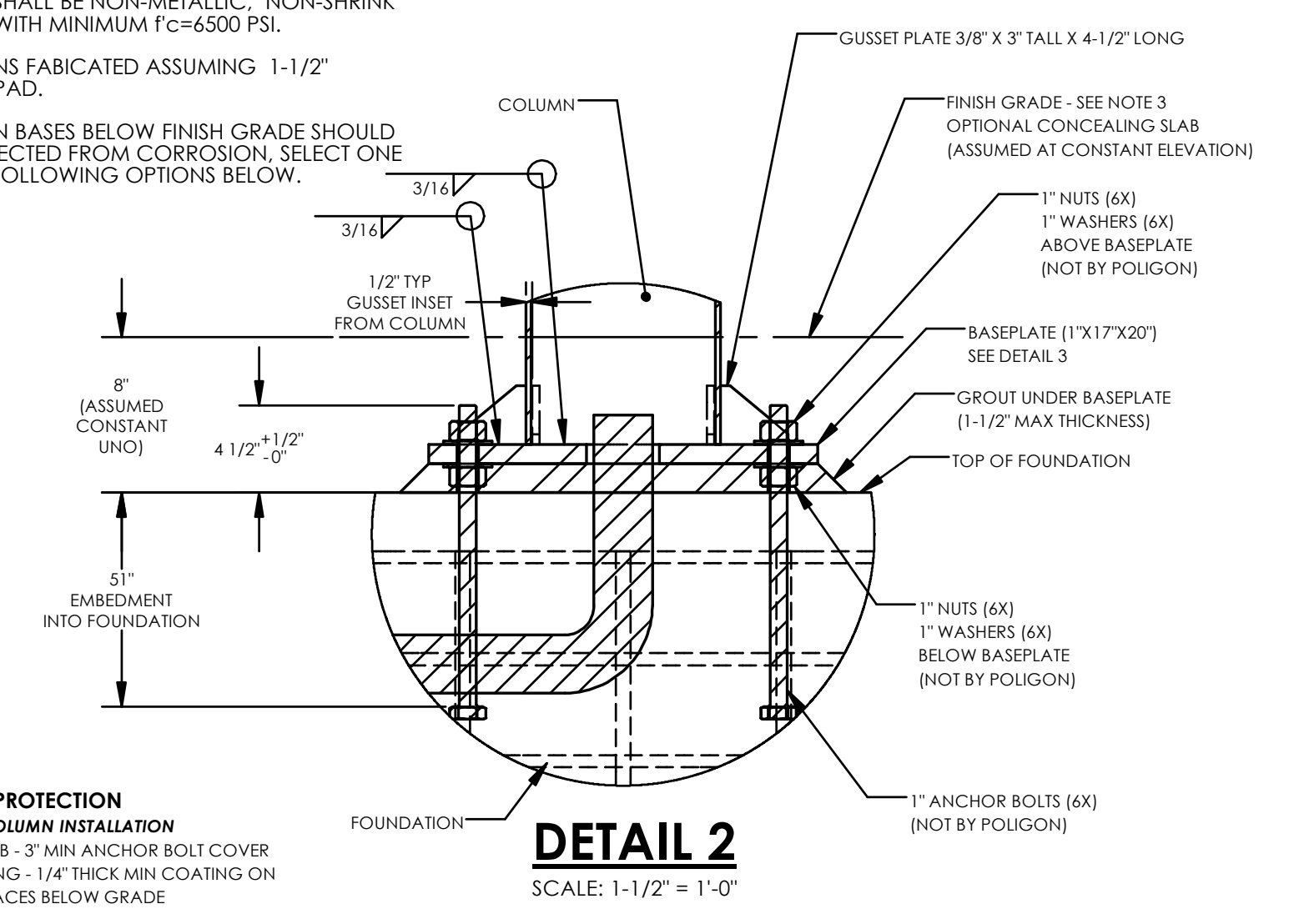
FOUNDATION REQUIREMENTS VARY PER PROJECT
SEE SHEET RAM1.0 FOR REQUIRED LOAD SCENARIO AND FOUNDATION TYPE (STEP 9 OF 'INSTRUCTIONS')
ONLY REFERENCE COPY OF PC DRAWINGS SUBMITTED FOR THIS PROJECT

LOAD SCENARIO	DIAMETER (Ø)	DEPTH (D)	VERTICAL REINFORCING ¹	
			QTY	SIZE
1 ²	3'-0"	13'-0"	10	#7
2 ³	3'-0"	15'-0"	10	#7

¹ EQUALLY SPACED AROUND DRILLED PIER
² UPLIFT CAPACITY: 23.2 KIPS (FOUNDATION WEIGHT 13.8 KIPS, SKIN FRICTION 9.4 KIPS)
³ UPLIFT CAPACITY: 26.9 KIPS (FOUNDATION WEIGHT 15.9 KIPS, SKIN FRICTION 11.0 KIPS)

NOTES:

- GROUT SHALL BE NON-METALLIC, NON-SHRINK GROUT WITH MINIMUM $f_c=6500$ PSI.
- COLUMNS FABRICATED ASSUMING 1-1/2" GROUT PAD.
- COLUMN BASES BELOW FINISH GRADE SHOULD BE PROTECTED FROM CORROSION. SELECT ONE OF THE FOLLOWING OPTIONS BELOW.



COLUMN BASE PROTECTION BELOW SURFACE COLUMN INSTALLATION
 [] CONCRETE SLAB - 3" MIN ANCHOR BOLT COVER
 [] MASTIC COATING - 1/4" THICK MIN COATING ON ALL STEEL SURFACES BELOW GRADE

DRILLED PIER FOUNDATION

1

COLUMN BASEPLATE AND ANCHOR BOLTS

2

PRE-CHECK (PC)
DOCUMENT
CODE: 2019 CBC
A SEPARATE PROJECT
APPLICATION FOR
CONSTRUCTION IS REQUIRED.

FOUNDATION
PLAN DRILLED PIER
HIP ROOF - RAM 30

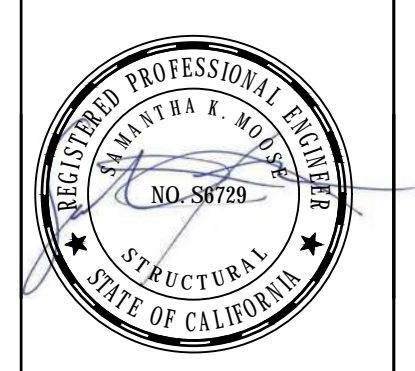
RAM2.3

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438 PULGA COLDWATER RD
 SAN JOSE, CA 95128
 415.777.0112



poligon
 PORTER
 P.E. ARCHITECT, INC.

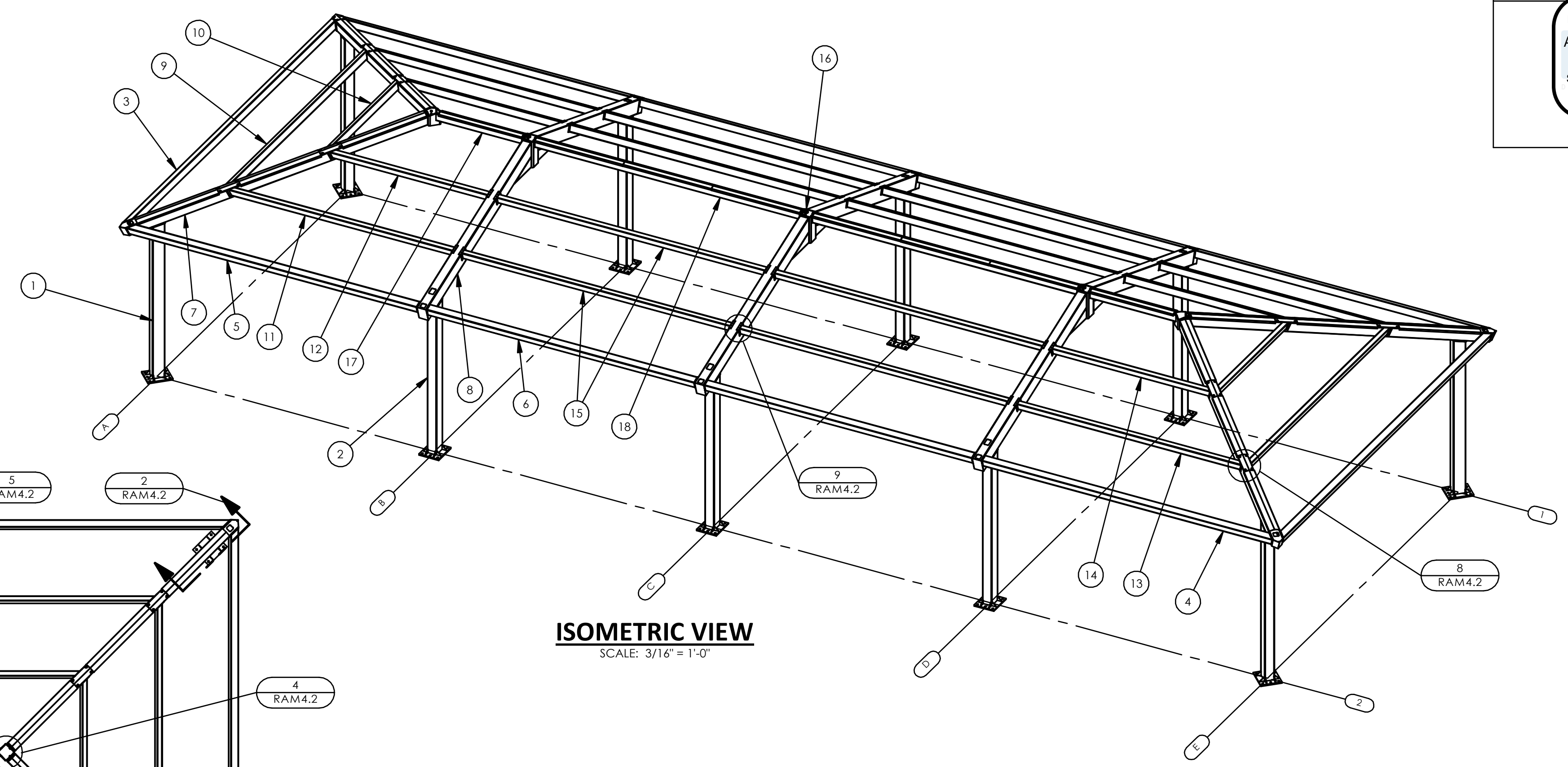


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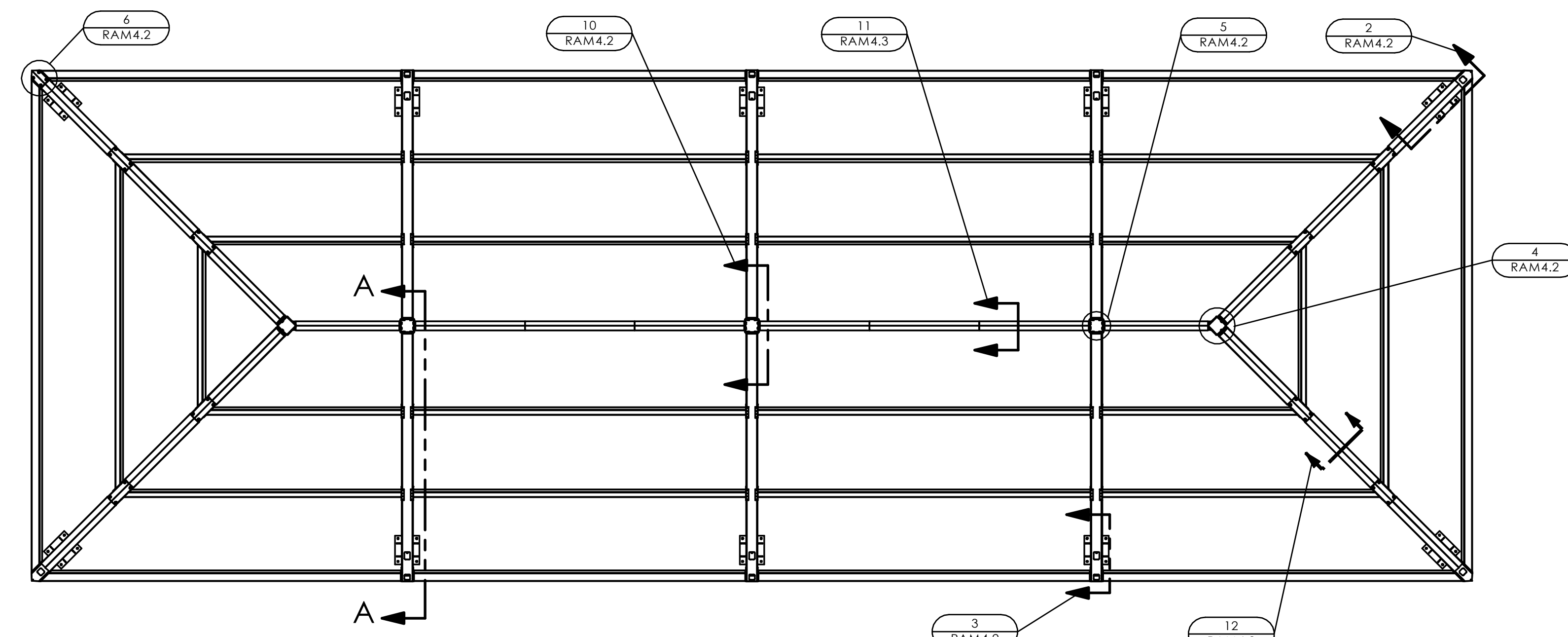
PRE-CHECK (PC)
 DOCUMENT
 CODE: 2019 CBC
 A SEPARATE PROJECT
 APPLICATION FOR
 CONSTRUCTION IS REQUIRED.

FRAMING PLAN
 HIP ROOF - RAM 30

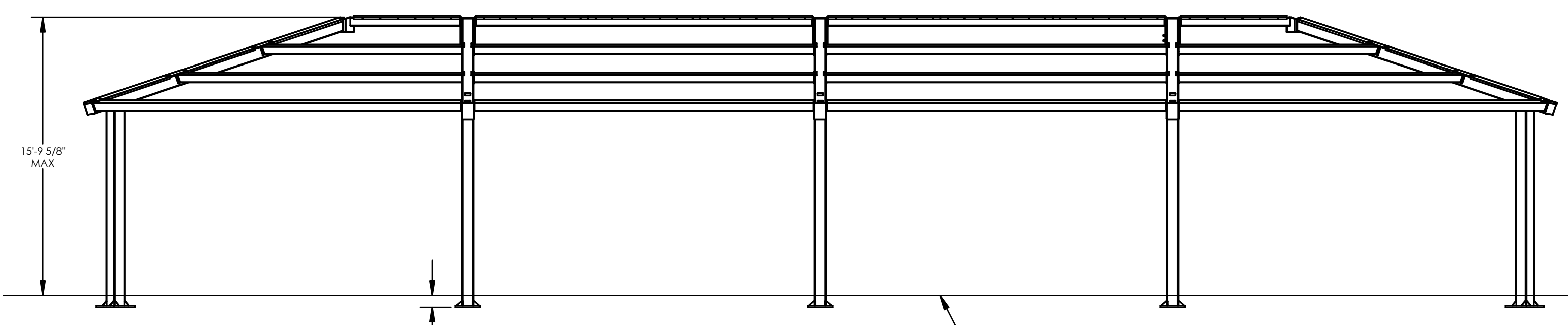
RAM3.1



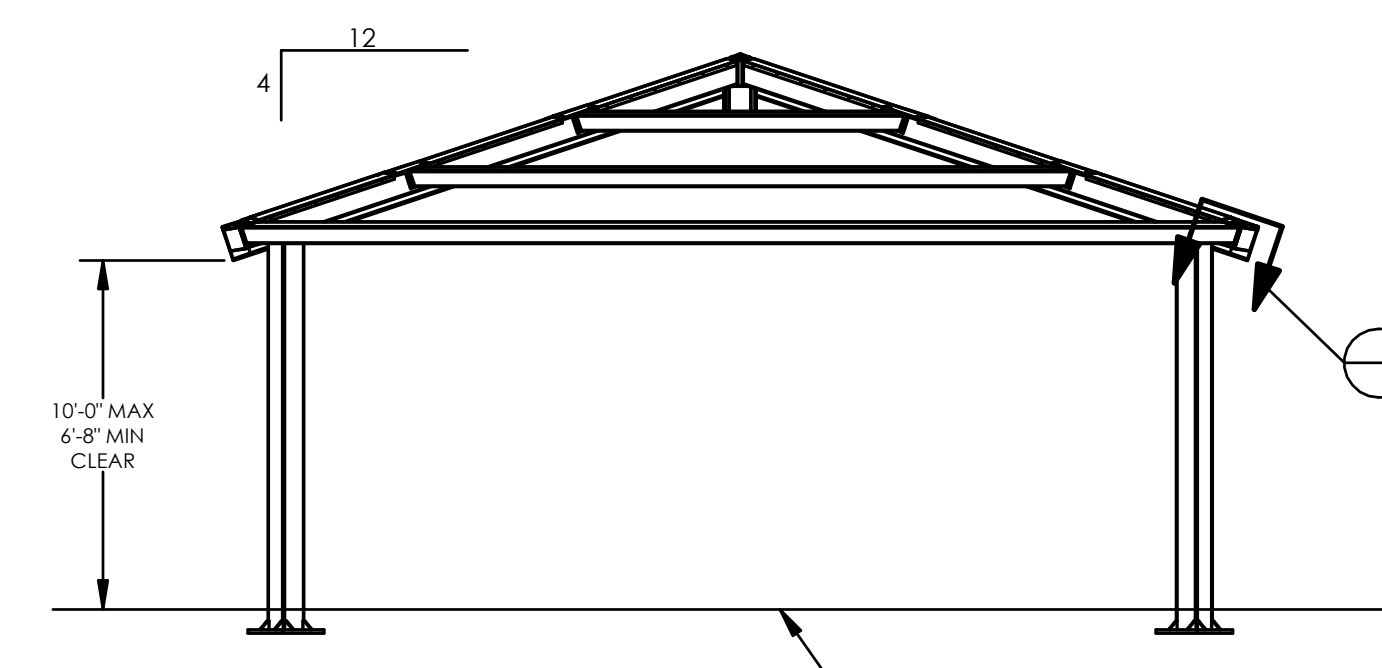
ISOMETRIC VIEW
 SCALE: 3/16" = 1'-0"



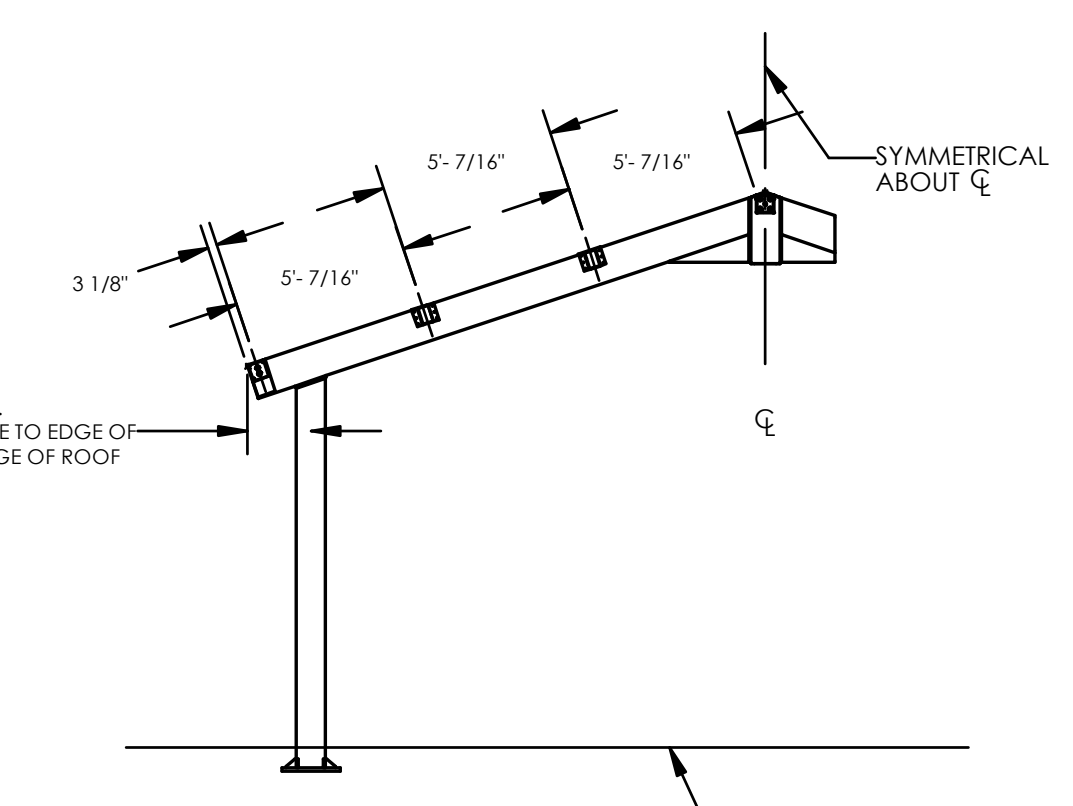
PLAN VIEW
 SCALE: 3/16" = 1'-0"



FRONT ELEVATION
 SCALE: 3/16" = 1'-0"



SIDE ELEVATION
 SCALE: 3/16" = 1'-0"



SECTION A-A
 SCALE: 3/16" = 1'-0"

ITEM	QTY.	PART NO.	DESCRIPTION	MATERIAL	WEIGHT
18	2	-	R-BEAM ASM	HSS6X6X3/16	287.26
17	2	-	END R-BEAM ASM	HSS6X6X3/16	154.14
16	6	-	C-TUBE ASM	HSS10X10X5/8	143.92
15	8	-	SIDE PURLIN ASM	HSS6X4X3/16	234.29
14	2	-	CORNER PURLIN ASM	HSS6X4X3/16	136.79
13	2	-	CORNER PURLIN ASM	HSS6X4X3/16	193.62
12	2	-	CORNER PURLIN ASM	HSS6X4X3/16	136.94
11	2	-	CORNER PURLIN ASM	HSS6X4X3/16	193.78
10	2	-	END PURLIN ASM	HSS6X4X3/16	110.56
9	2	-	END PURLIN ASM	HSS6X4X3/16	224.23
8	6	-	GABLE BEAM ASM	HSS12X8X1/4	559.76
7	4	-	HIP BEAM ASM	HSS8X8X3/16	431.12
6	4	-	SIDE EAVE BEAM ASM	HSS6X6X3/16	284.96
5	2	-	CORNER EAVE BEAM ASM	HSS6X6X3/16	306.07
4	2	-	CORNER EAVE BEAM ASM	HSS6X6X3/16	306.00
3	2	-	END EAVE BEAM ASM	HSS6X6X3/16	413.48
2	6	-	SIDE COLUMN ASM	HSS10X8X1/4	425.36
1	4	-	CORNER COLUMN ASM	HSS10X8X1/4	433.63

SEE DETAIL 2
 SHEET RAM2.2/RAM2.3

FINISH GRADE
 (ASSUMED AT CONSTANT
 ELEVATION UNLESS
 OTHERWISE NOTED)

FINISH GRADE
 (ASSUMED AT CONSTANT
 ELEVATION UNLESS
 OTHERWISE NOTED)

FINISH GRADE
 (ASSUMED AT CONSTANT
 ELEVATION UNLESS
 OTHERWISE NOTED)

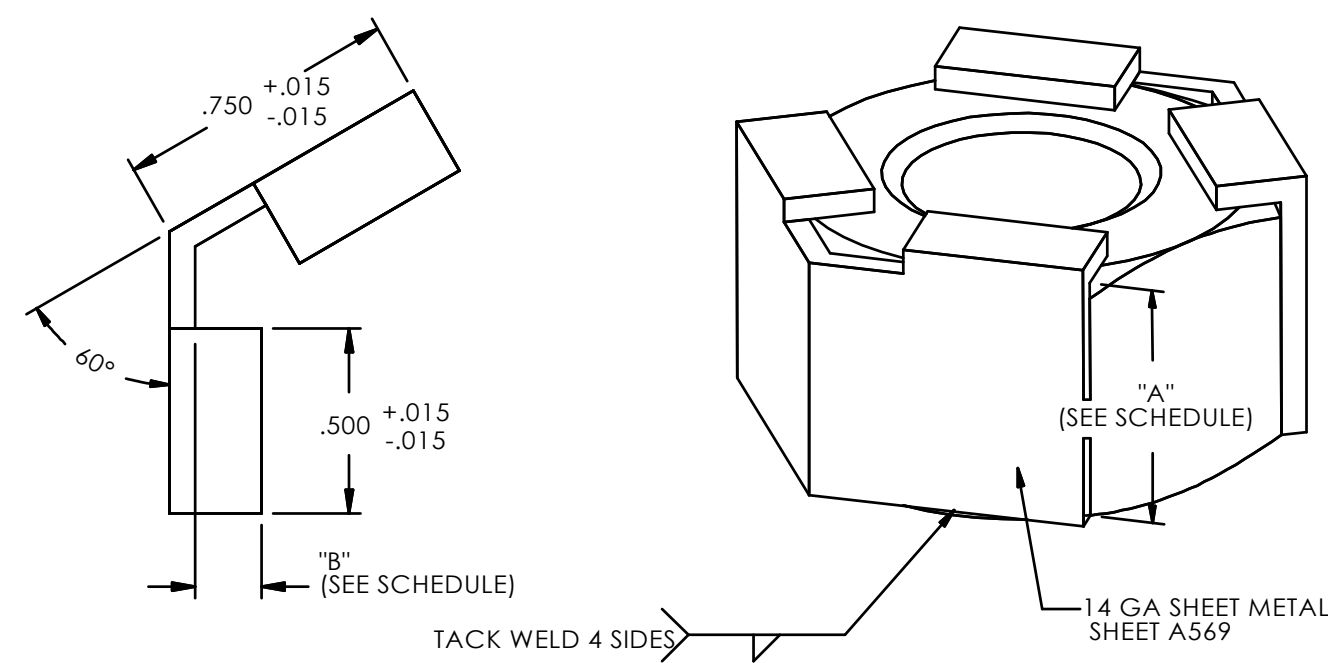
1'-9 15/16" TYP.
 NOTE: COLUMN CENTERLINE TO EDGE OF
 TAIL. SEE RAM S.1 FOR EDGE OF ROOF

SYMMETRICAL
 ABOUT C

15'-9 5/8"
 MAX.

10'-0" MAX
 6'-8" MIN
 CLEAR

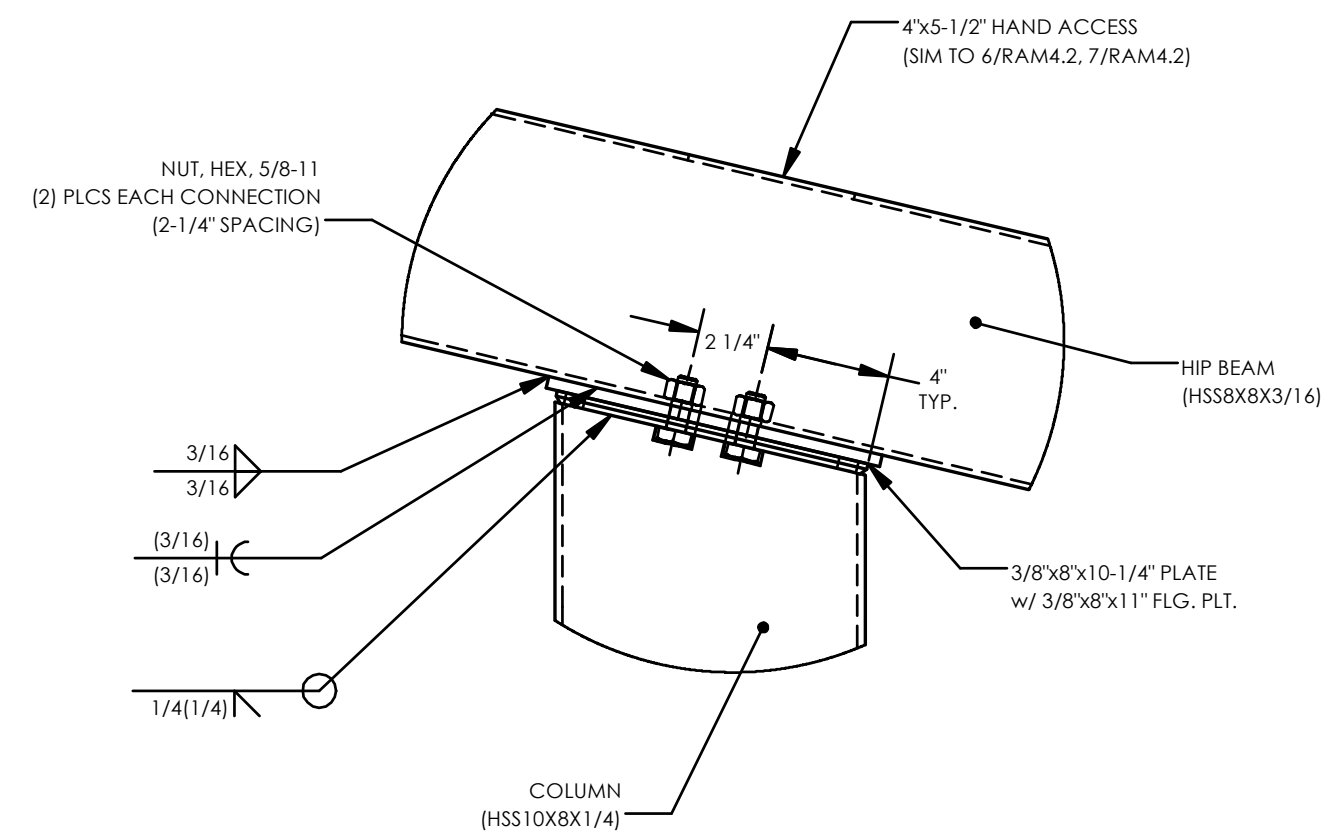
ALL HIDDEN NUTS AND BOLTS (INSTALLED IN SHOP DURING FABRICATION) ARE SECURED WITH THIS NUT AND BOLT RESTAINING SYSTEM.



DIMENSION SCHEDULE		
FASTENER	DIM A	DIM B
5/8" NUT	.631 ^{+0.000} / _{-0.015}	.180 ^{+0.015} / _{-0.015}
5/8" BOLT	.403 ^{+0.000} / _{-0.015}	.250 ^{+0.015} / _{-0.015}
3/4" NUT	.758 ^{+0.000} / _{-0.015}	.180 ^{+0.015} / _{-0.015}
3/4" BOLT	.483 ^{+0.000} / _{-0.015}	.375 ^{+0.015} / _{-0.015}
1" NUT	1.012 ^{+0.000} / _{-0.015}	.180 ^{+0.015} / _{-0.015}
1" BOLT	.643 ^{+0.000} / _{-0.015}	.375 ^{+0.015} / _{-0.015}

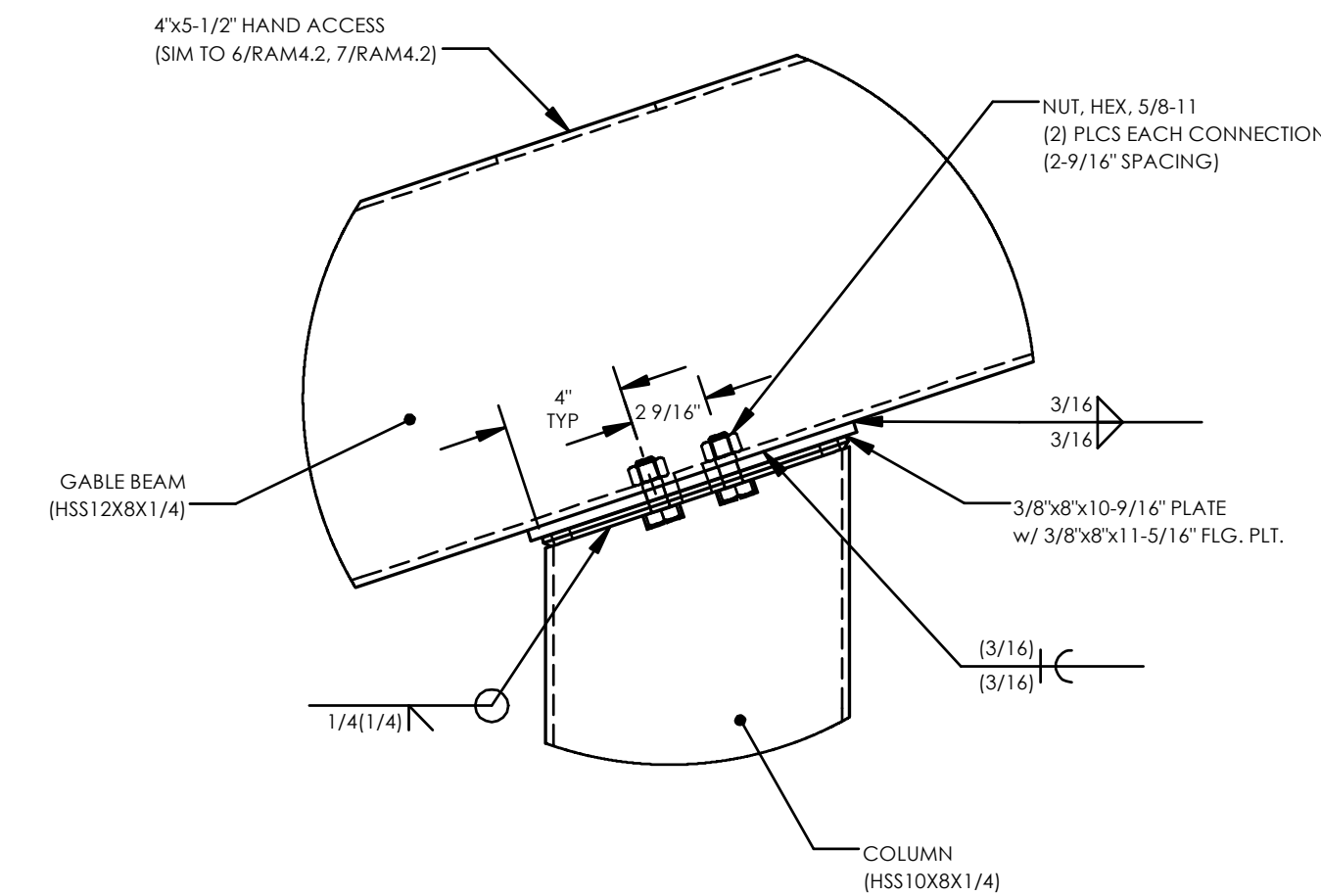
NUT & BOLT RESTRAINING SYSTEM

1



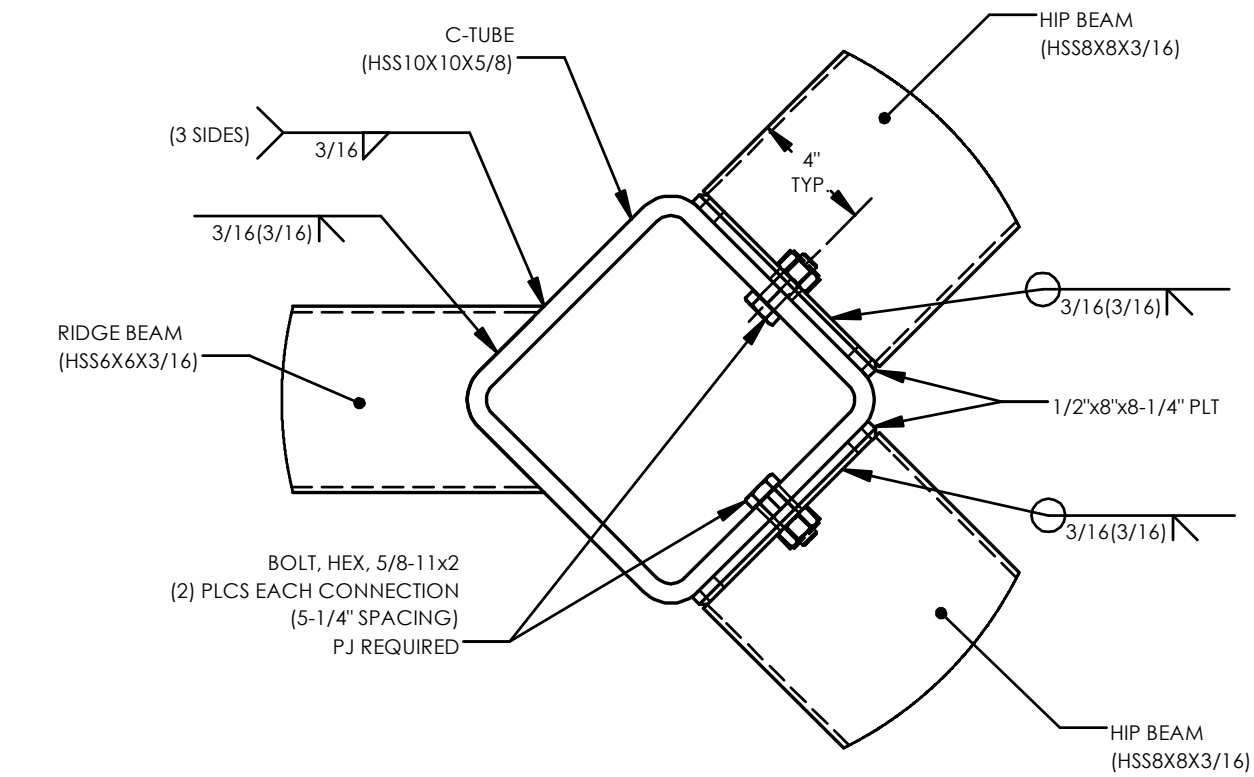
HIP BEAM CONNECTION @ COLUMN

2



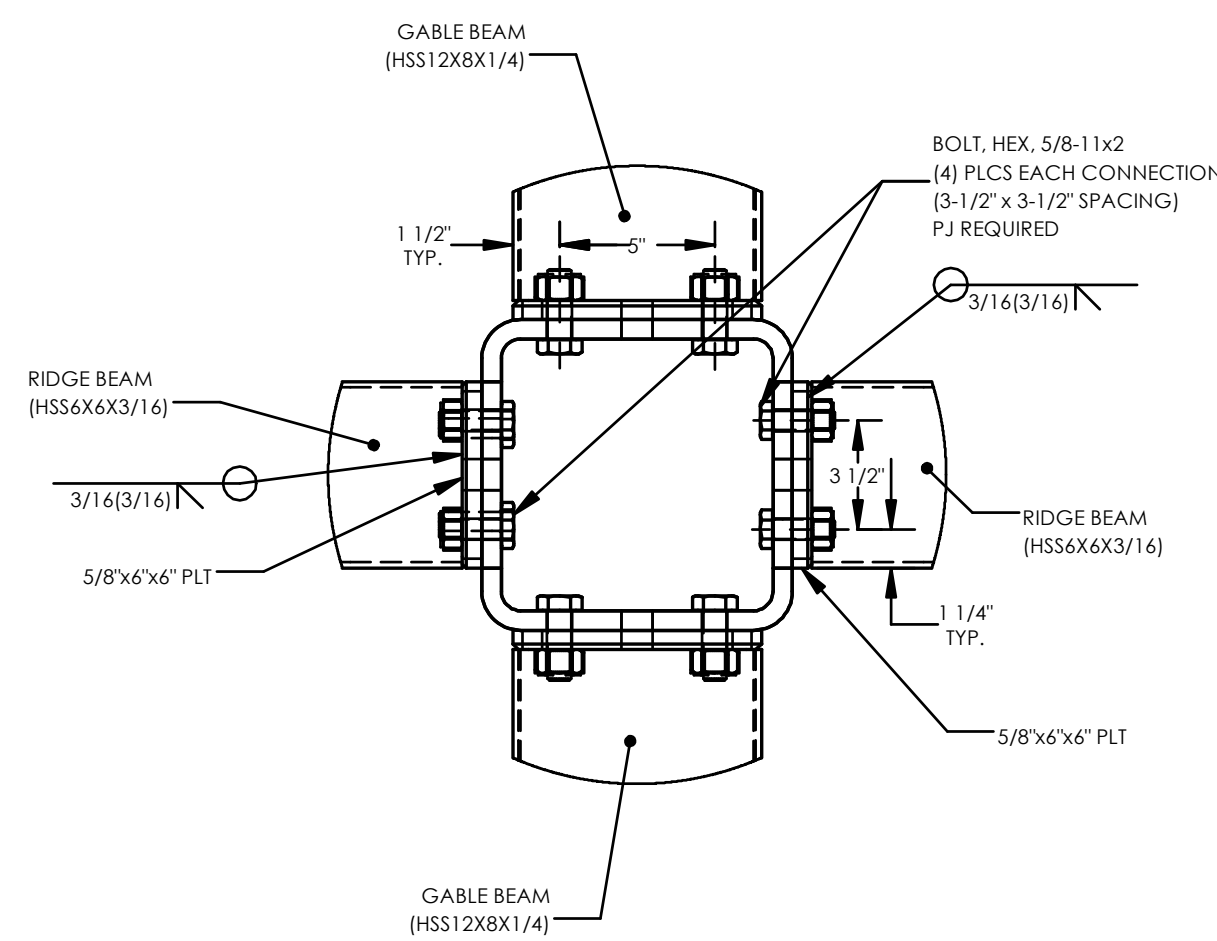
GABLE BEAM CONNECTION @ COLUMN

3



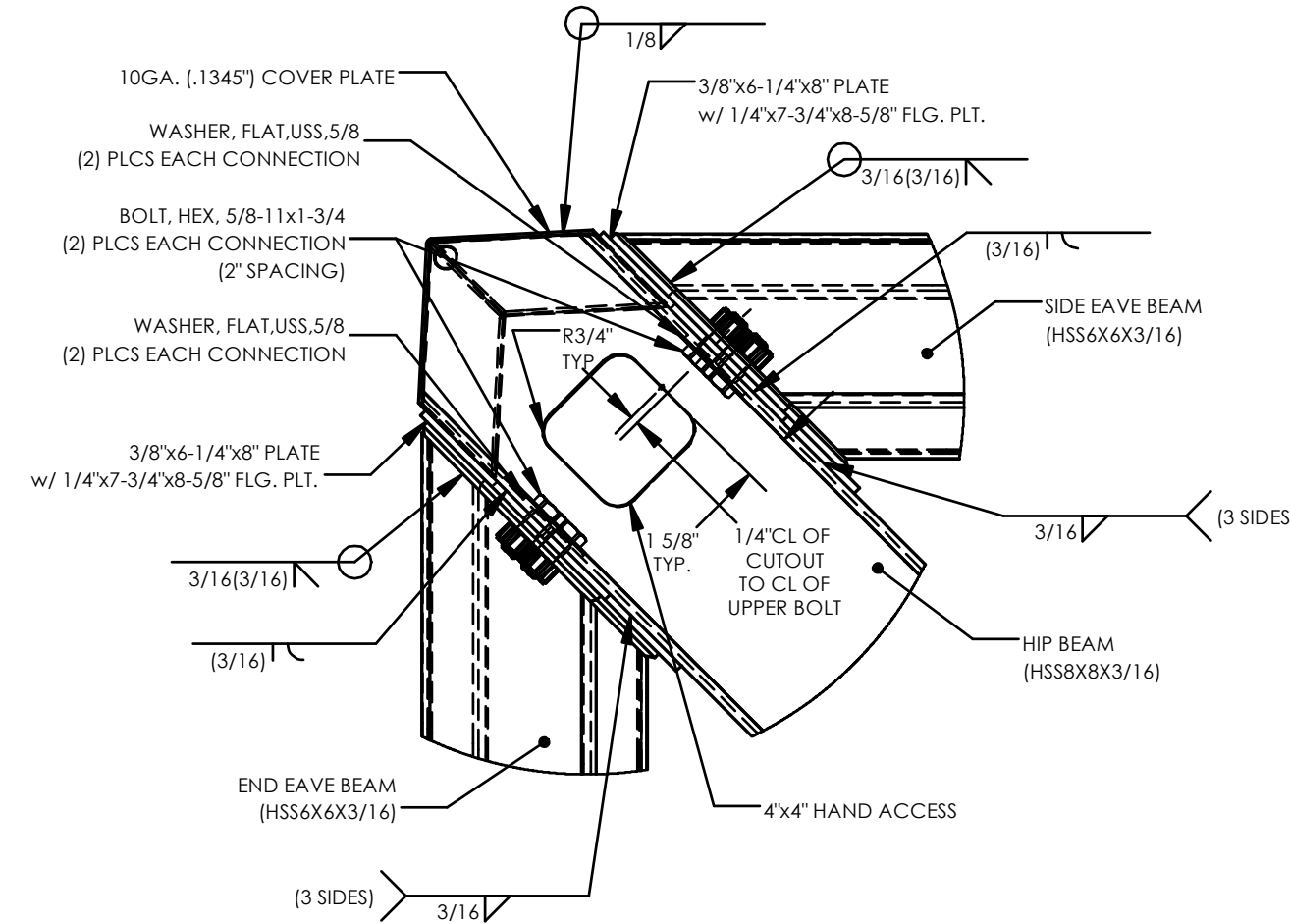
HIP BEAM CONNECTION @ COMPRESSION TUBE

4



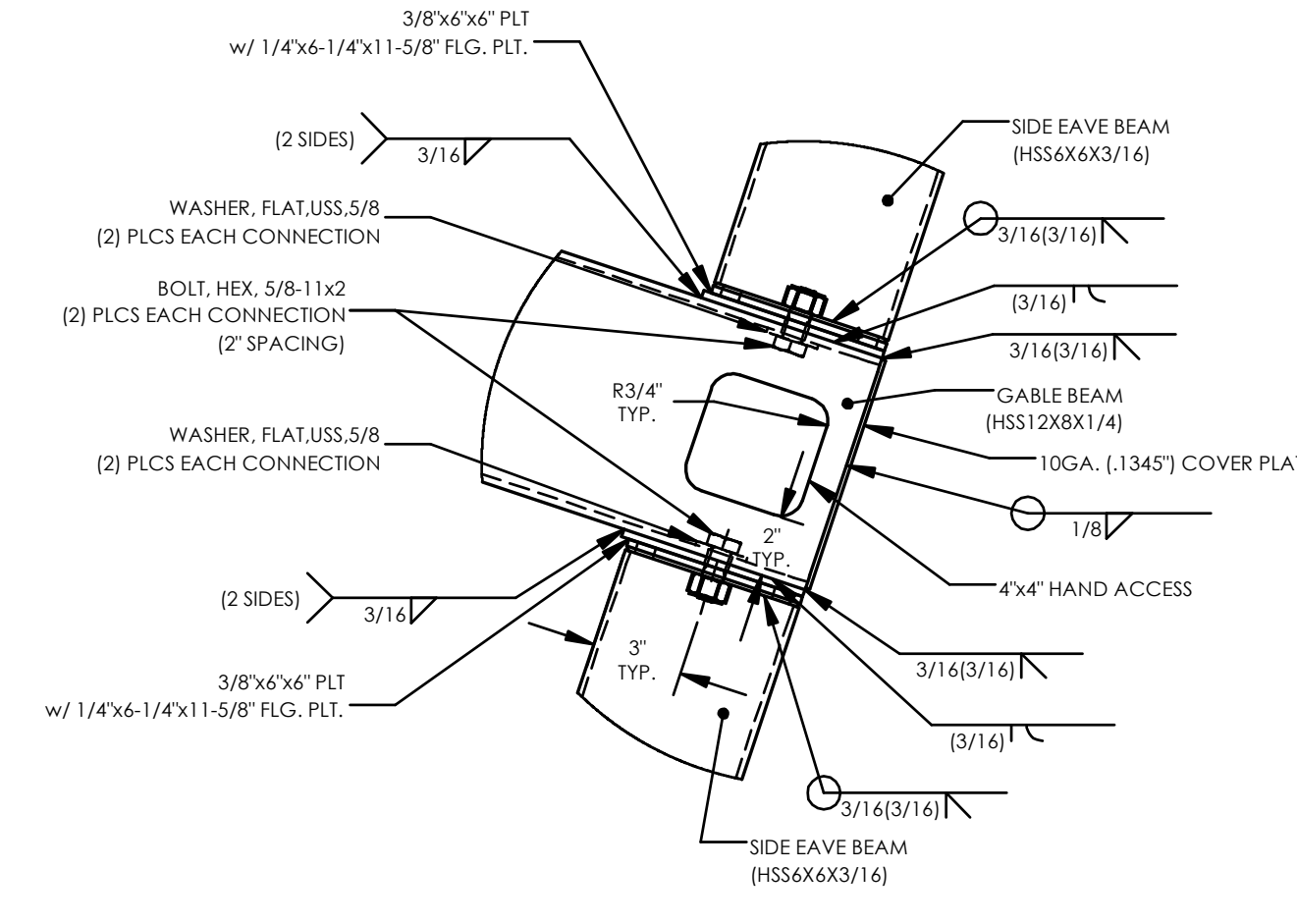
RIDGE BEAM CONNECTION @ COMPRESSION TUBE

5



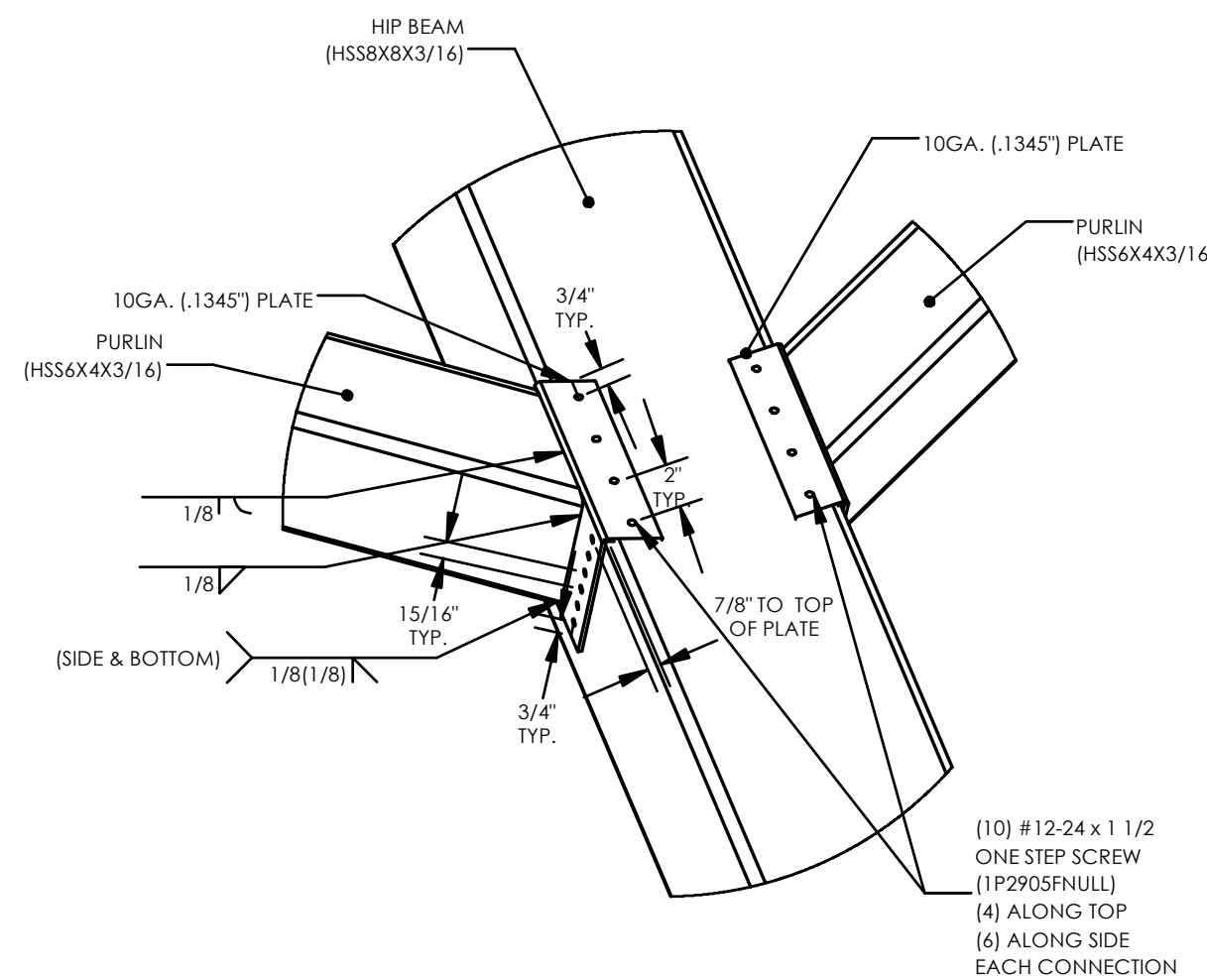
EAVE BEAM CONNECTION @ HIP BEAM

6



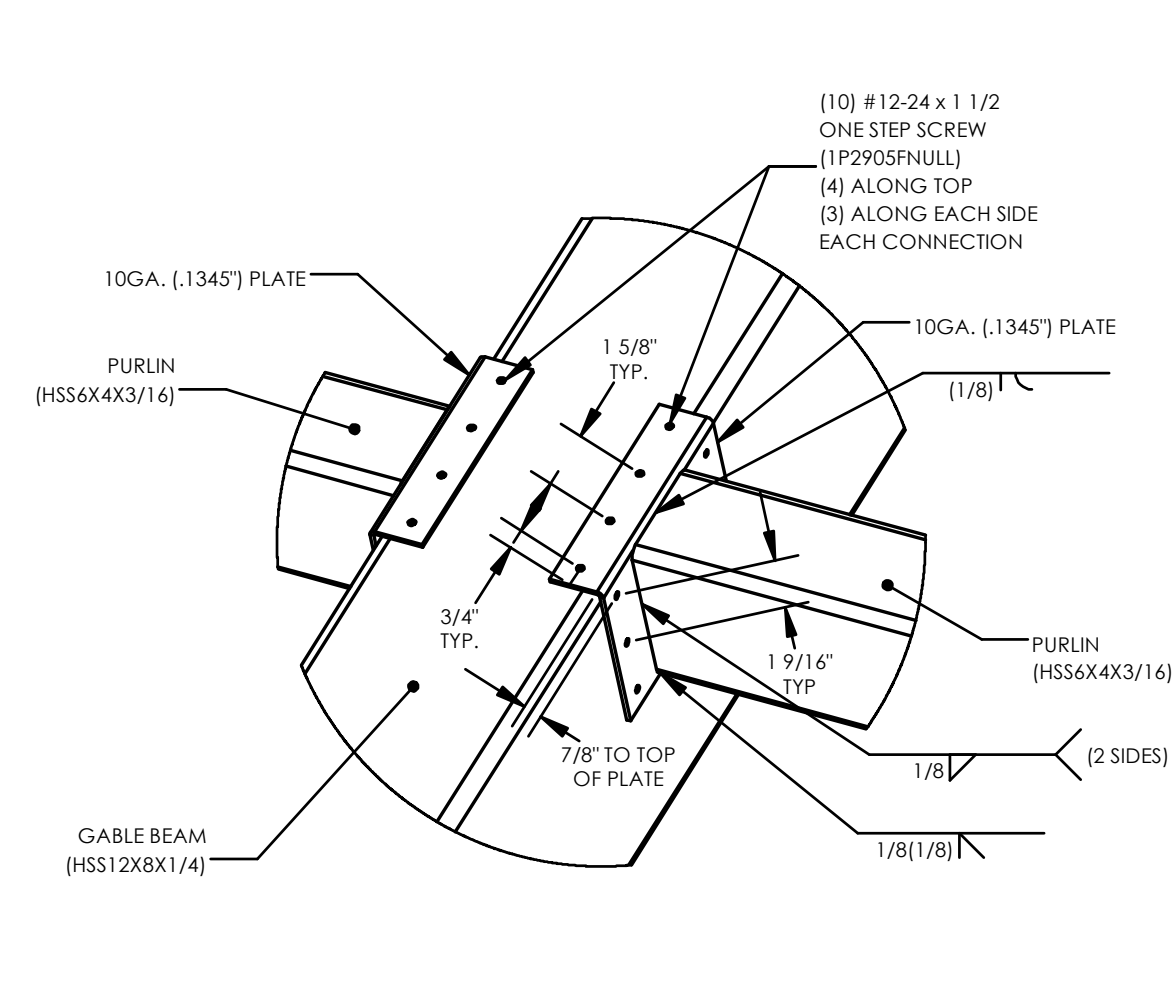
EAVE BEAM CONNECTION @ GABLE BEAM

7



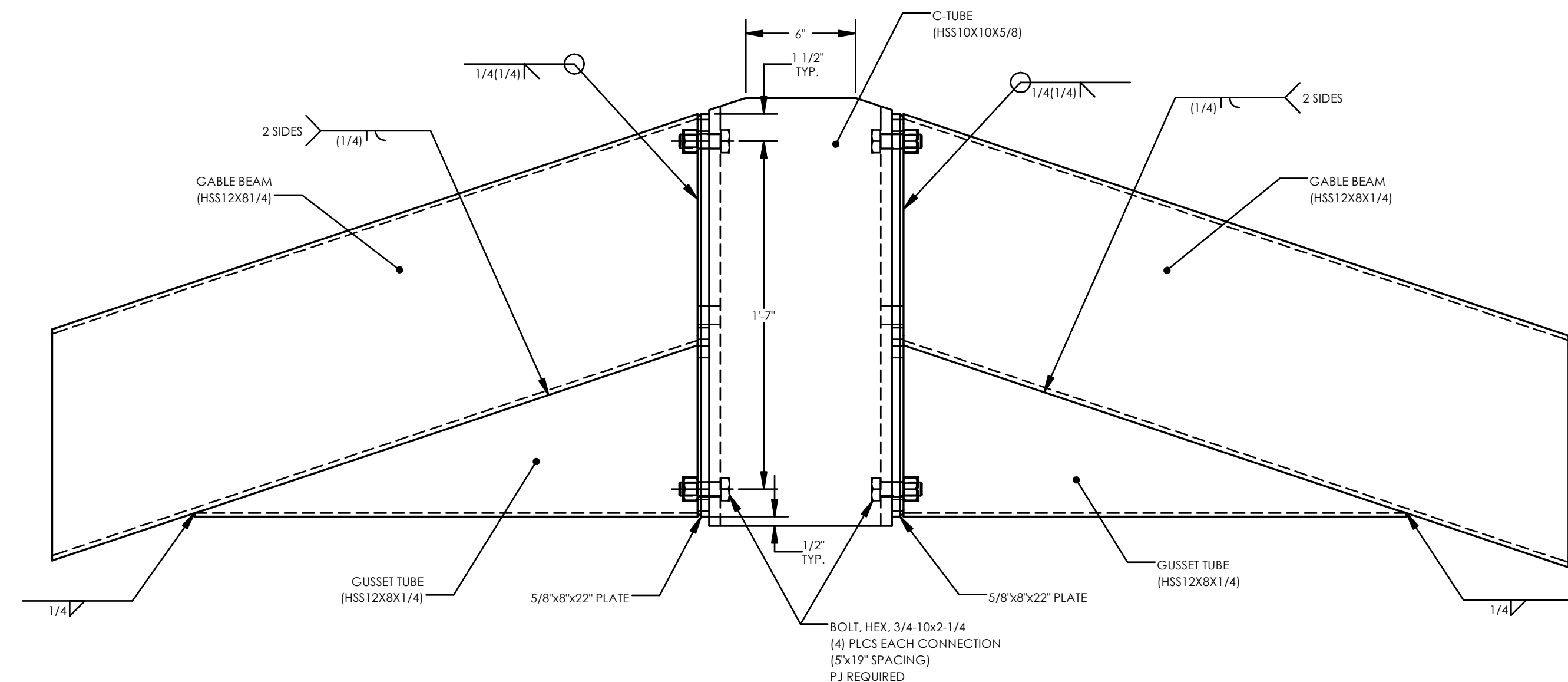
PURLIN CONNECTION @ HIP BEAM

8



PURLIN CONNECTION @ GABLE BEAM

9



GABLE BEAM CONNECTION @ COMPRESSION TUBE

10

STATE APPROVALS SITE
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APP: 02-120968 INC:
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DATE: 02/08/2023

408 PULGA OGDEN ROAD
COLUMBIA PARK, CA 95022
916-777-2125
GHD

poligon
PORTER
P. PORTER, INC.

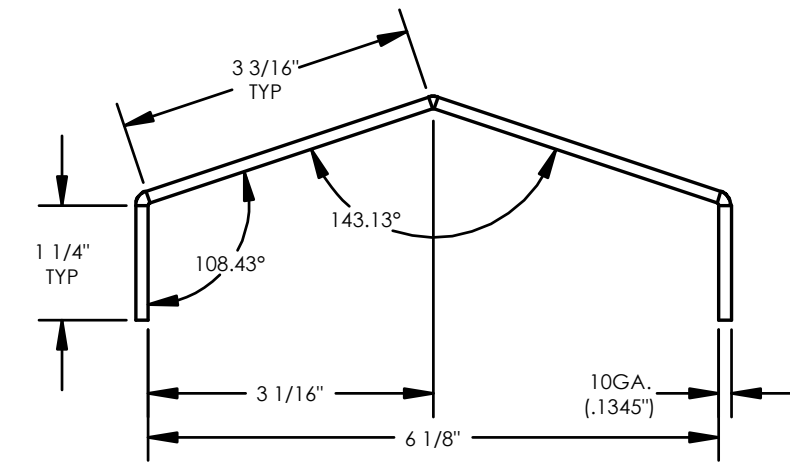
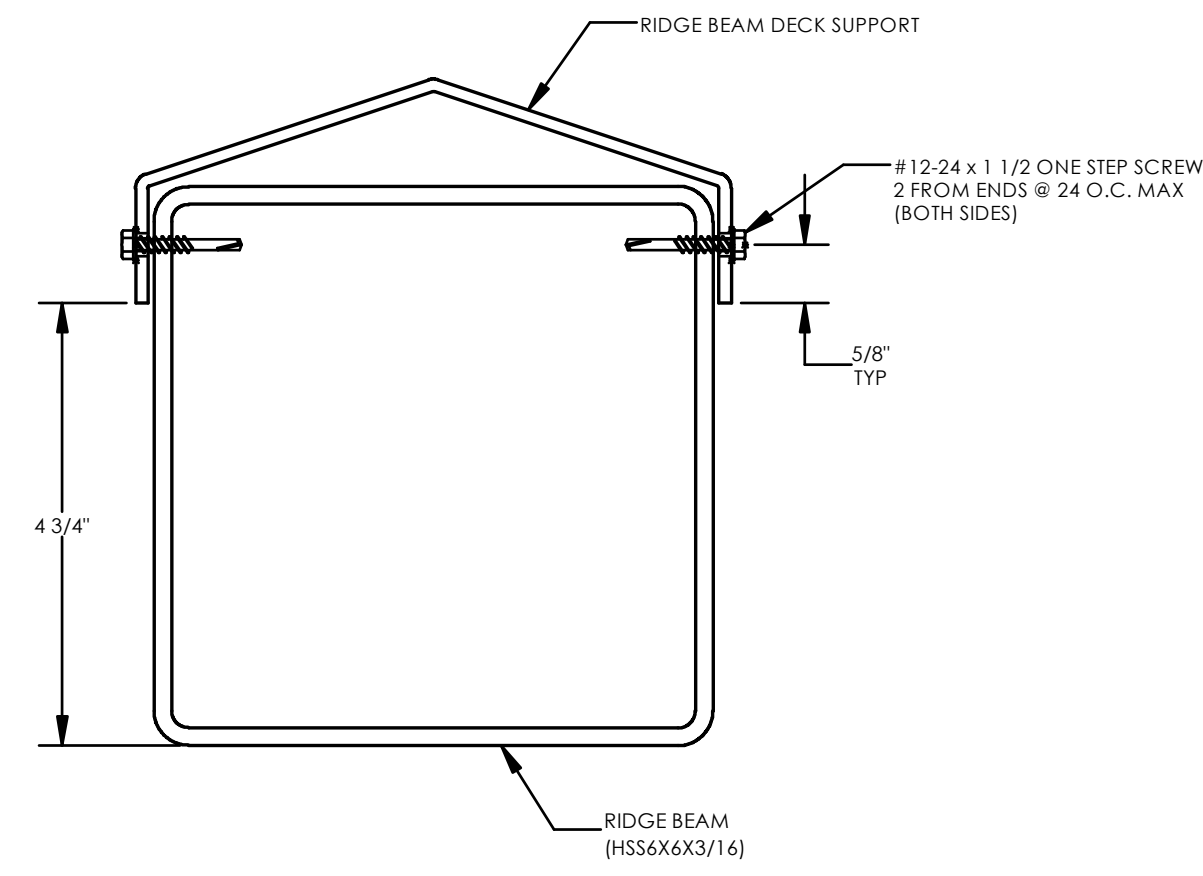
REGISTERED PROFESSIONAL ENGINEER
NO. 98729
STATE OF CALIFORNIA

STATE APPROVALS-PC
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-119077 PC
REVIEWED FOR
SS FLS ACS CG
DATE: 07/22/2021

PRE-CHECK (PC)
DOCUMENT
CODE: 2019 CBC
A SEPARATE PROJECT
APPLICATION FOR
CONSTRUCTION IS REQUIRED.

FRAME
CONNECTION
DETAILS
HIP ROOF - RAM 30

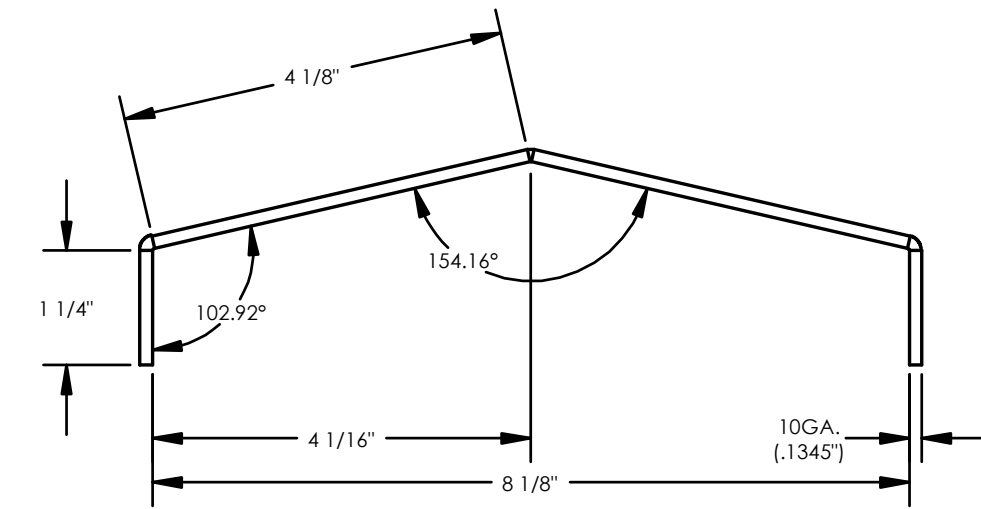
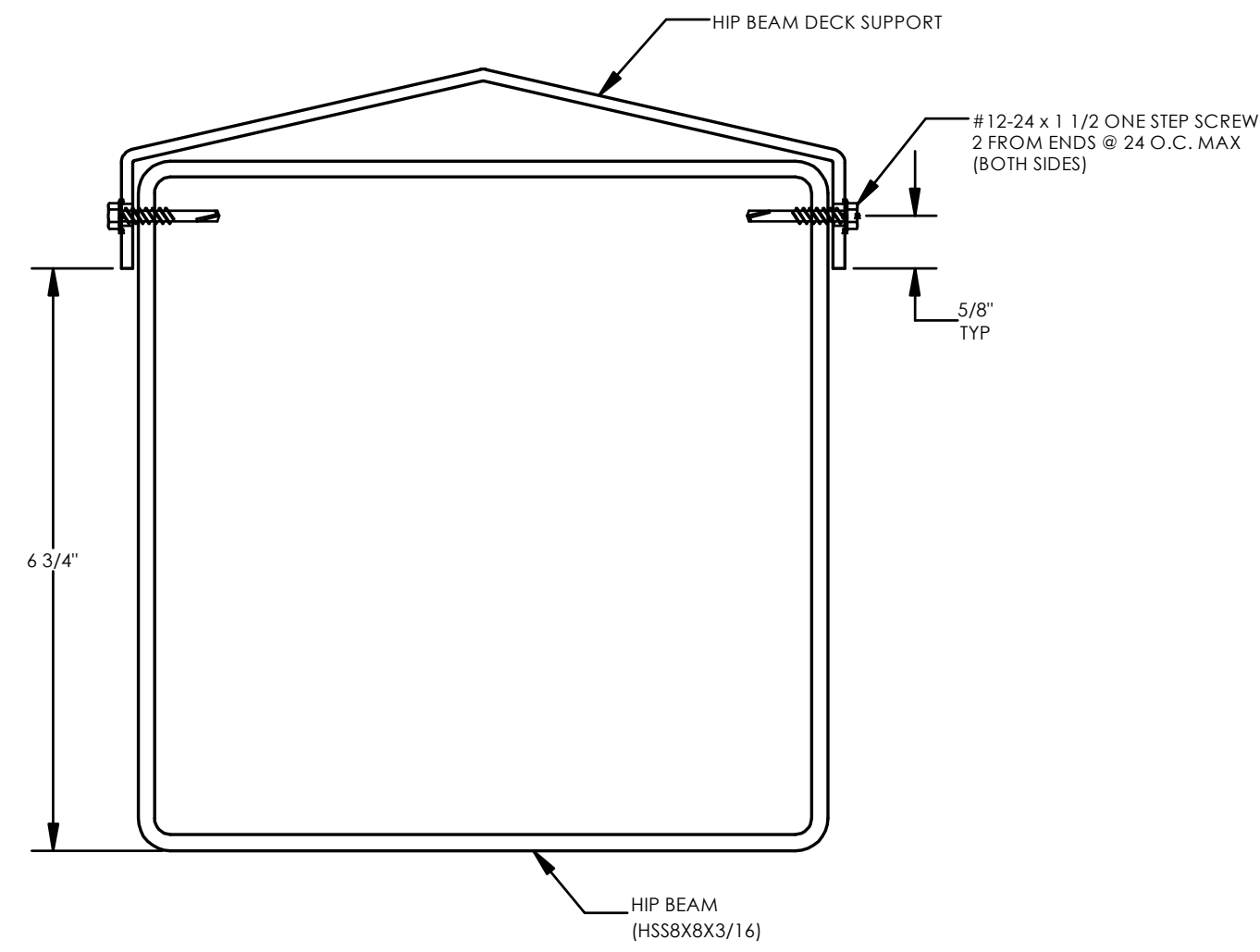
RAM4.2



RAM 30 - RIDGE
 Fy = 36 KSI
 A = 1.231 IN²
 Ix = 1.149 IN⁴
 Iy = 6.272 IN⁴
 Sx = 0.771 IN³
 Sy = 1.962 IN³

RIDGE BEAM DECK SUPPORT DETAIL

11



RAM 30 - HIP
 Fy = 36 KSI
 A = 1.484 IN²
 Ix = 1.341 IN⁴
 Iy = 12.353 IN⁴
 Sx = 0.886 IN³
 Sy = 2.943 IN³

HIP BEAM DECK SUPPORT DETAIL

12

STATE APPROVALS SITE
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 DIV. OF THE STATE ARCHITECT
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308 PULGA COLLEGE RD
 CONCORD, CA 94522
 925.477.2112

poligon
 PORTER
 V.P. ARCHITECT, INC.


STATE APPROVALS-PC
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 A SEPARATE PROJECT
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SECTION DETAILS
 HIP ROOF - RAM 30

RAM4.3

STATE APPROVALS SITE
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438 PULGA COLDWATER RD STE 100
 SAN JOSE, CA 95128
 415.777.4413


poligon
 PORTER
 ARCHITECTURE, INC.

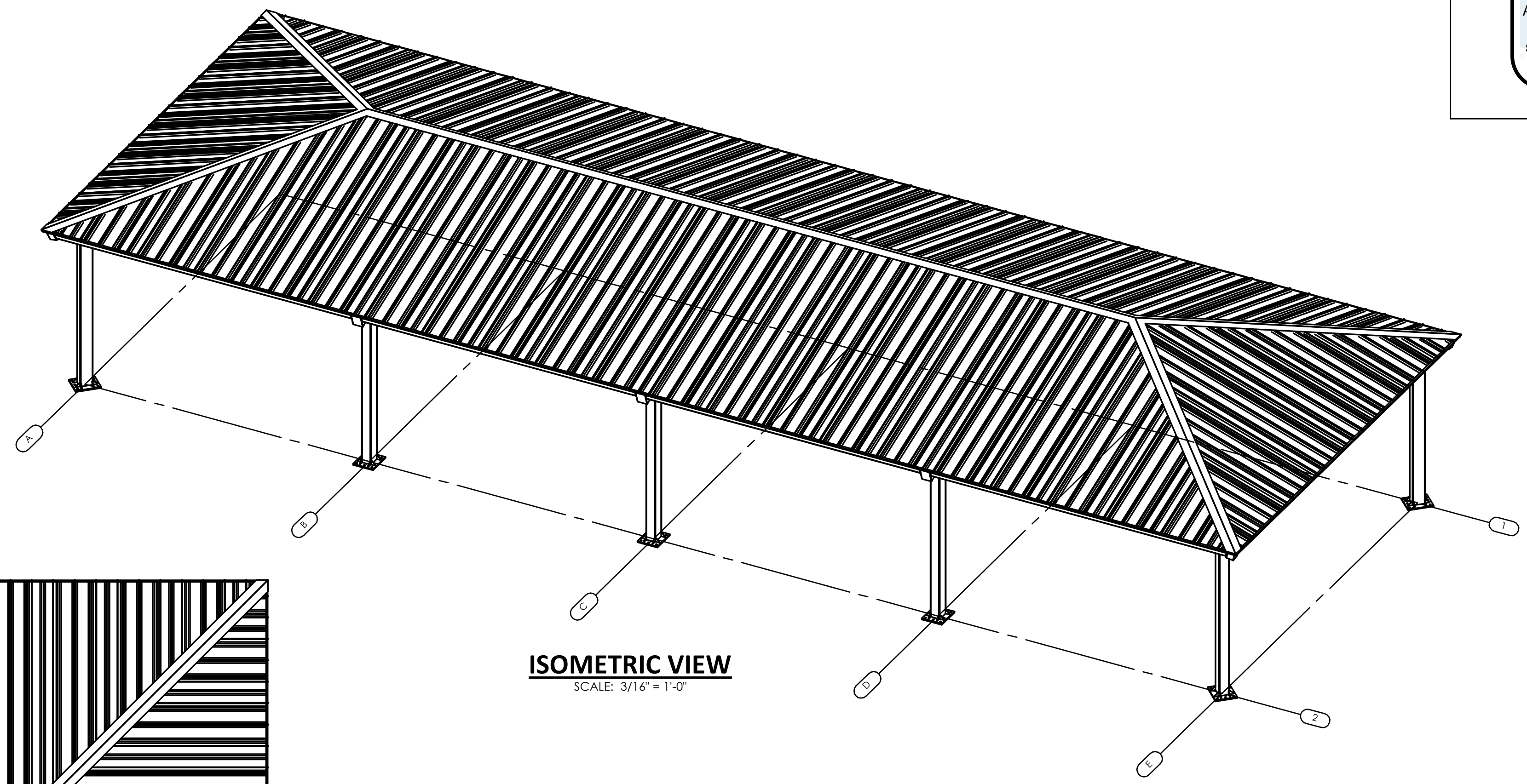
REGISTERED PROFESSIONAL ENGINEER
 STRUCTURAL
 STATE OF CALIFORNIA
 NO. 98729

STATE APPROVALS-PC
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 DIV. OF THE STATE ARCHITECT
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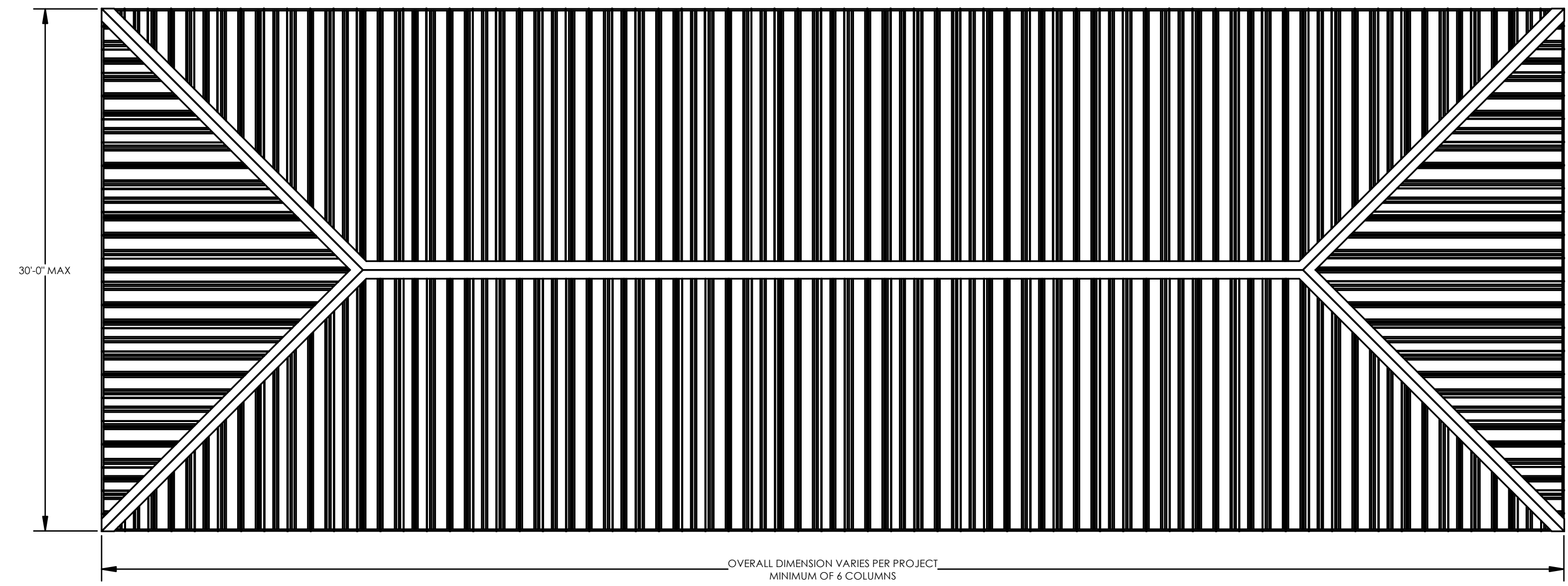
PRE-CHECK (PC)
 DOCUMENT
 CODE: 2019 CBC
 A SEPARATE PROJECT
 APPLICATION FOR
 CONSTRUCTION IS REQUIRED.

ARCHITECTURAL
 VIEWS
 HIP ROOF - RAM 30

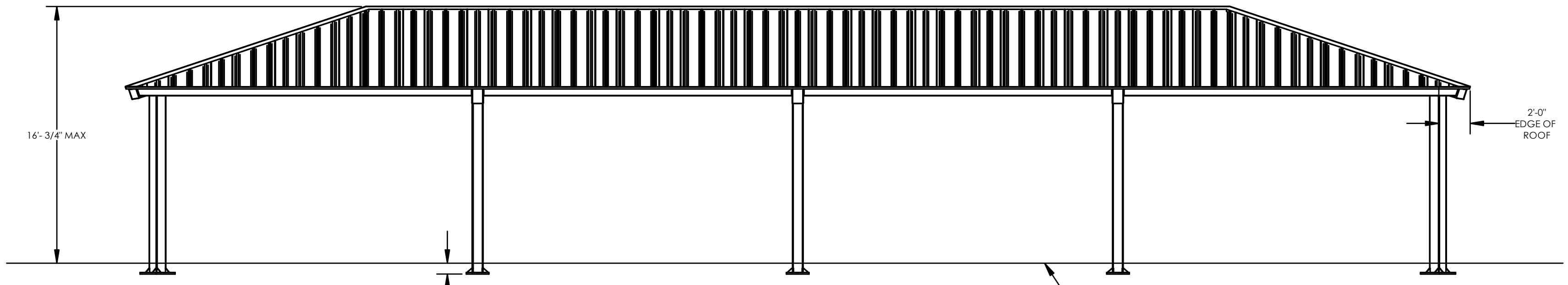
RAM5.1



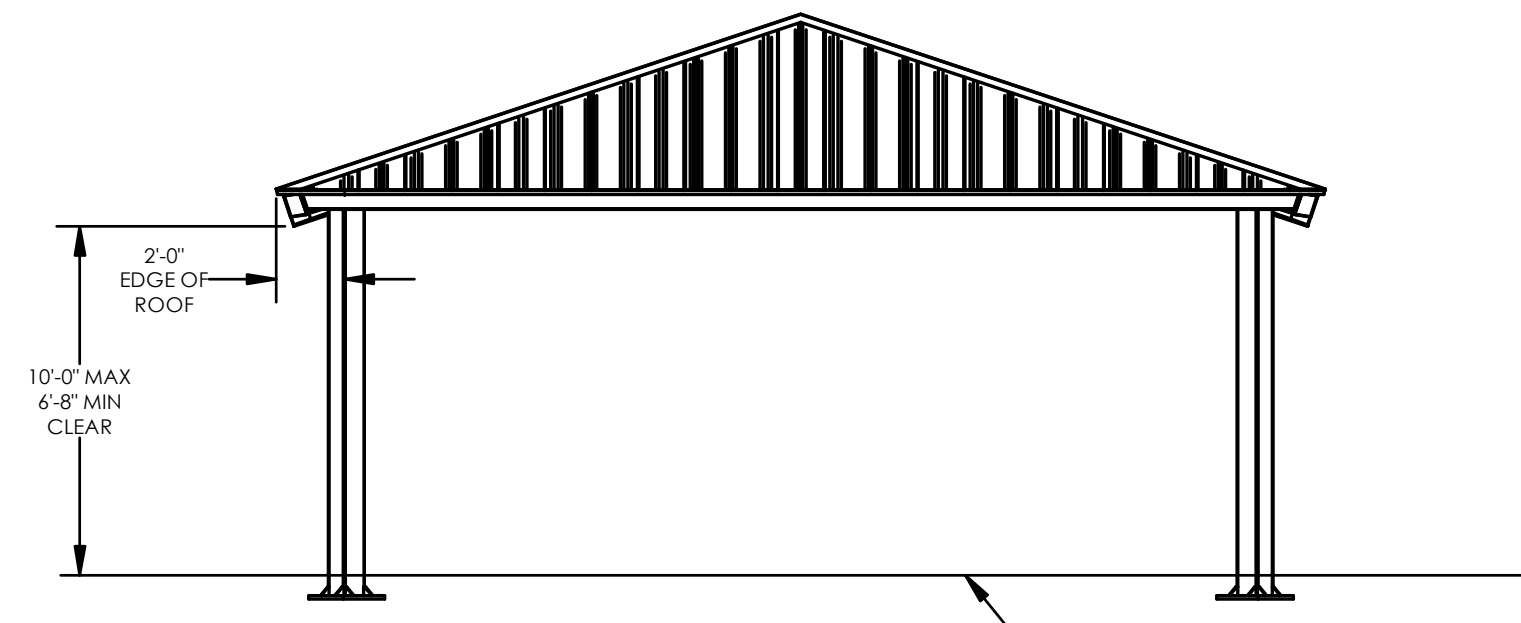
ISOMETRIC VIEW
 SCALE: 3/16" = 1'-0"



PLAN VIEW
 SCALE: 3/16" = 1'-0"



FRONT ELEVATION
 SCALE: 3/16" = 1'-0"



SIDE ELEVATION
 SCALE: 3/16" = 1'-0"

SEE DETAIL 2
 SHEET RAM2.2/RAM2.3

FINISH GRADE
 (ASSUMED AT CONSTANT
 ELEVATION UNLESS
 OTHERWISE NOTED)

FINISH GRADE
 (ASSUMED AT CONSTANT
 ELEVATION UNLESS
 OTHERWISE NOTED)

OVERALL DIMENSION VARIES PER PROJECT
 MINIMUM OF 6 COLUMNS

MULTI-RIB NOTES:

THE DETAILS SHOWN ARE SUGGESTIONS OR GUIDELINES ON HOW TO ERECT THE SYSTEMS. THE INFORMATION SHOWN IS ACCURATE, BUT IT IS NOT INTENDED TO COVER ALL INSTANCES, BUILDING REQUIREMENTS, DESIGNS OR CODES. THE DETAILS MAY REQUIRE CHANGES OR REVISIONS DUE TO FIELD CONDITIONS.

IT SHALL BE THE RESPONSIBILITY OF THE ERECTOR TO ENSURE THAT THE DETAILS MEET PARTICULAR BUILDING REQUIREMENTS AND TO ASSURE ADEQUATE WATER TIGHTNESS.

THE ERECTOR SHOULD THOROUGHLY FAMILIARIZE HIMSELF/HERSELF WITH ALL ERECTION INSTRUCTIONS BEFORE STARTING WORK.

THE PANELS SHOULD BE INSTALLED PLUMB, STRAIGHT, AND ACCURATELY TO THE ADJACENT WORK.

FLASHING AND TRIM SHALL BE INSTALLED TRUE, AND IN PROPER ALIGNMENT, WITH ANY EXPOSED FASTENERS EQUALLY SPACED FOR THE BEST APPEARANCE.

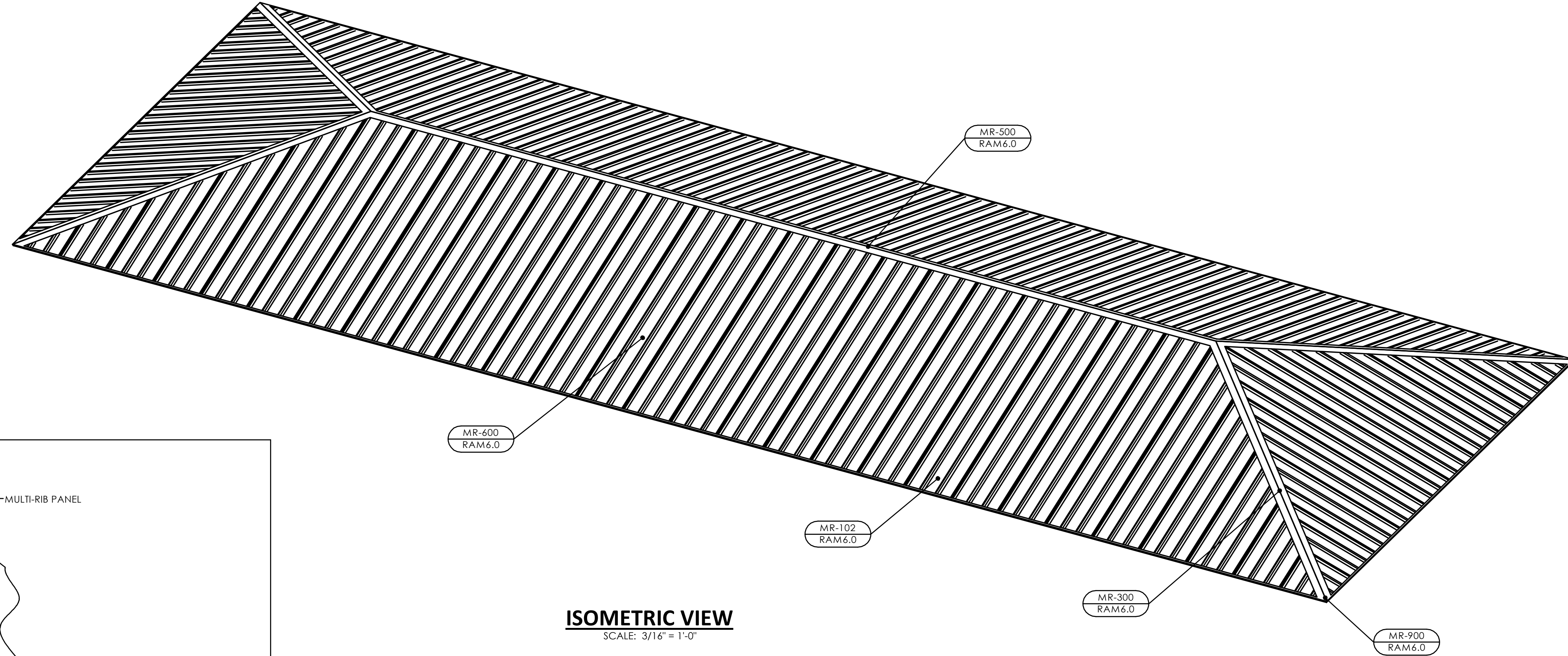
SEALANT SHALL BE FIELD APPLIED ON DRY, CLEAN SURFACES. SOME FIELD CUTTING AND FITTING OF PANELS AND FLASHING IS TO BE EXPECTED BY THE ERECTOR AND MINOR FIELD CORRECTIONS ARE A PART OF NORMAL ERECTION WORK.

WORKMANSHIP SHALL BE OF THE BEST INDUSTRY STANDARDS AND INSTALLATION SHALL BE PERFORMED BY EXPERIENCED METAL CRAFTSMEN.

METAL SHAVINGS FROM DRILLING OR INSTALLATION OF ROOF FASTENERS MUST BE CAREFULLY REMOVED FROM THE ROOF BY BRUSHING OR SWEEPING AT THE END OF EACH DAY DURING INSTALLATION. SHAVINGS LEFT ON THE ROOF WILL QUICKLY RUST AND STAIN THE ROOF FINISH.

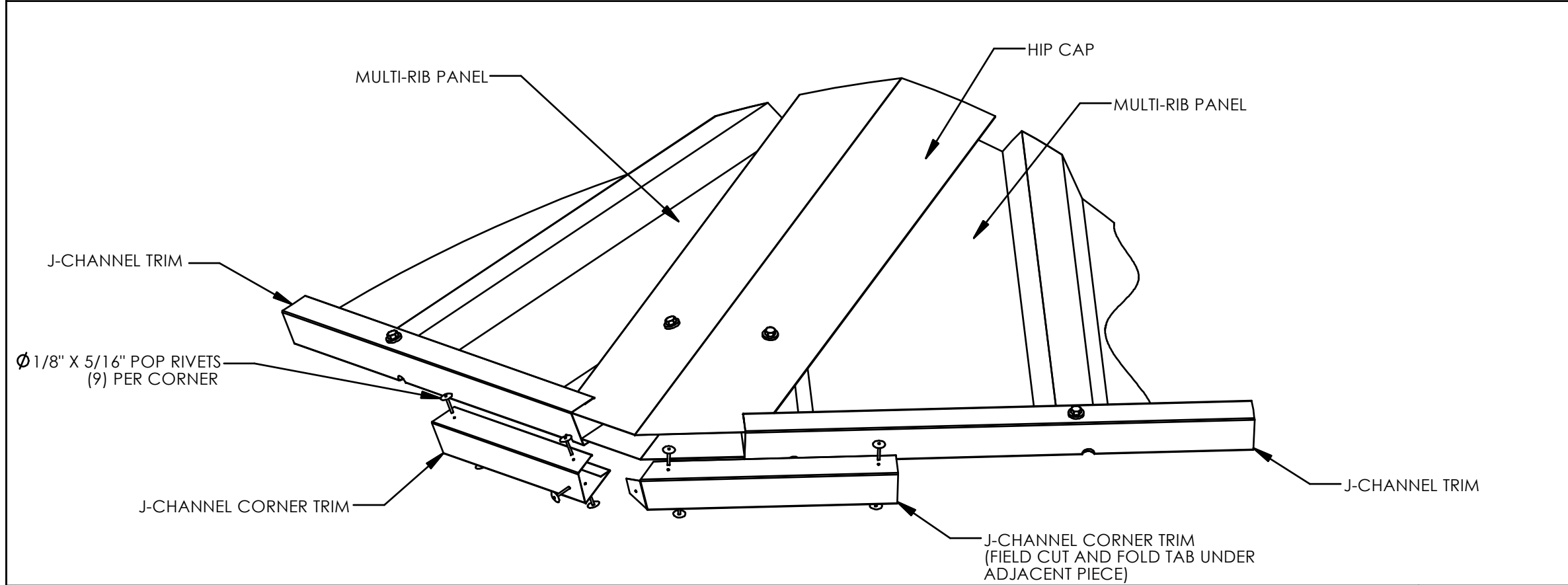
COVER ACCESS HOLES WITH GRACE ICE AND WATER SHIELD BEFORE ATTACHING ROOF DECKING

METAL ROOFING PRODUCT AND INSTALLATION SHALL MEET ALL REQUIREMENTS OF UL 580.



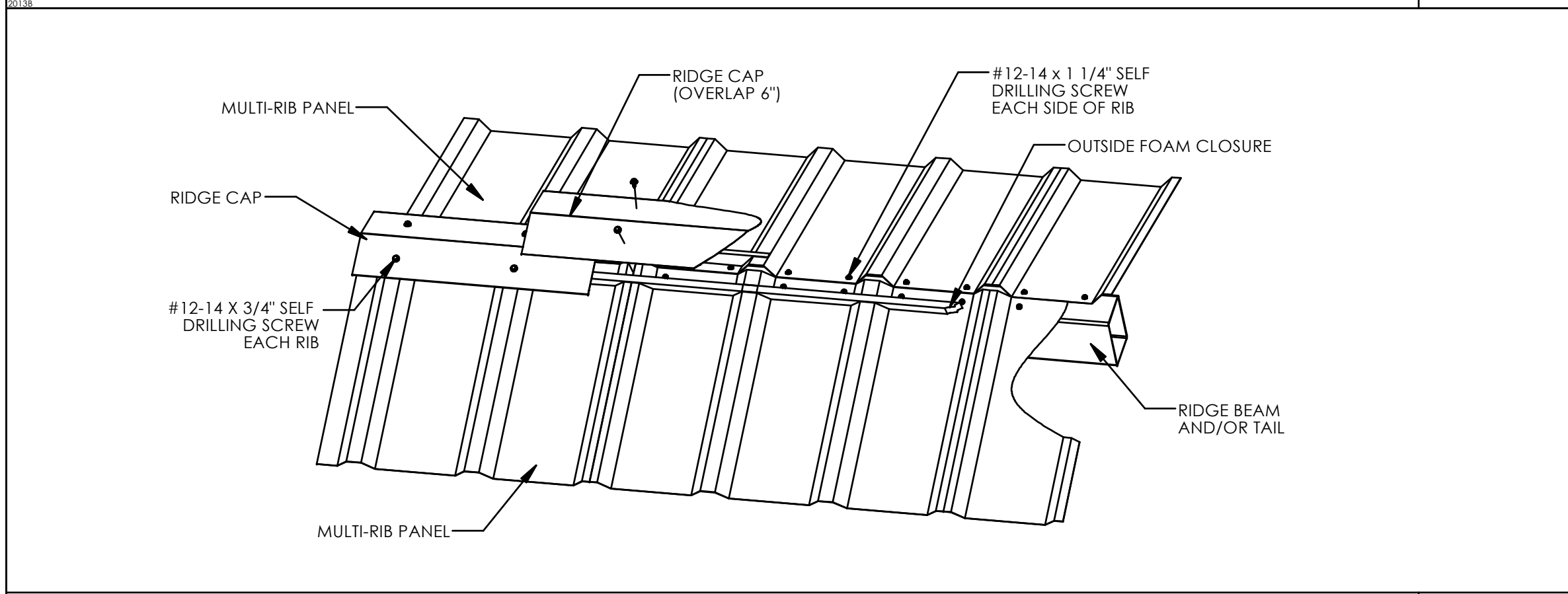
ISOMETRIC VIEW

SCALE: 3/16" = 1'-0"



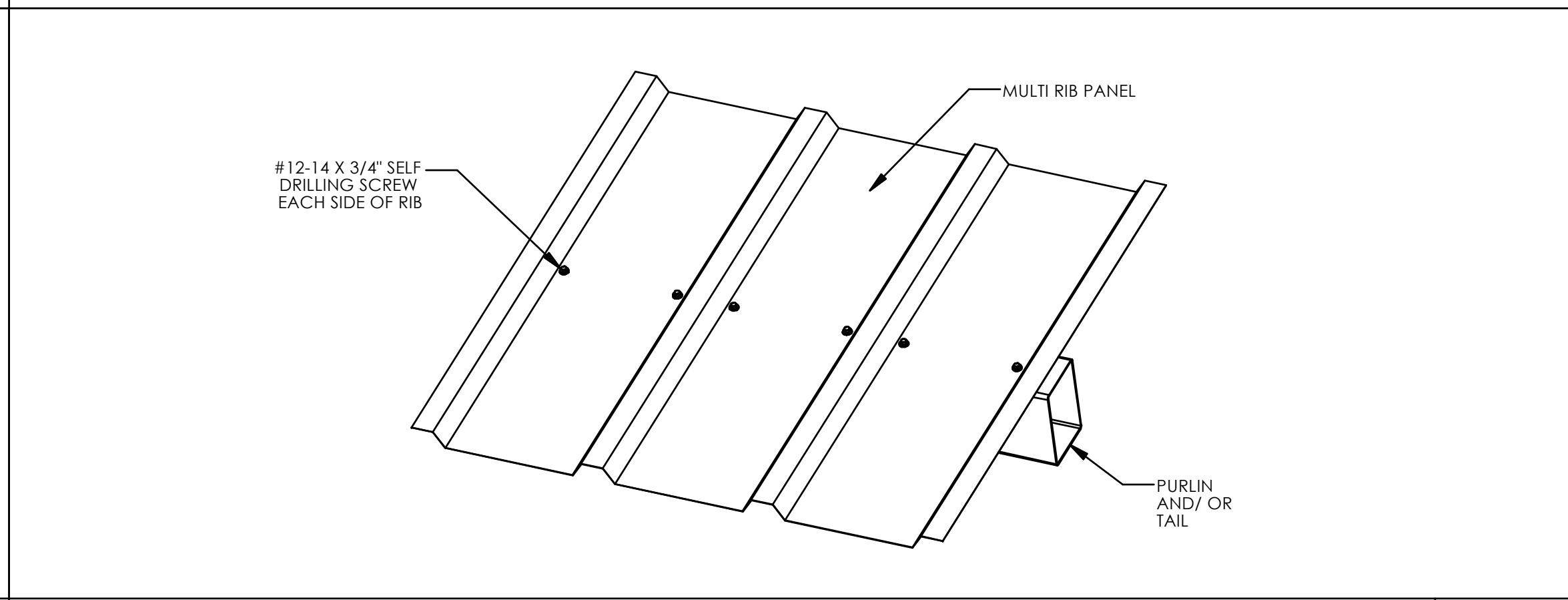
CORNER DETAIL

MR-900



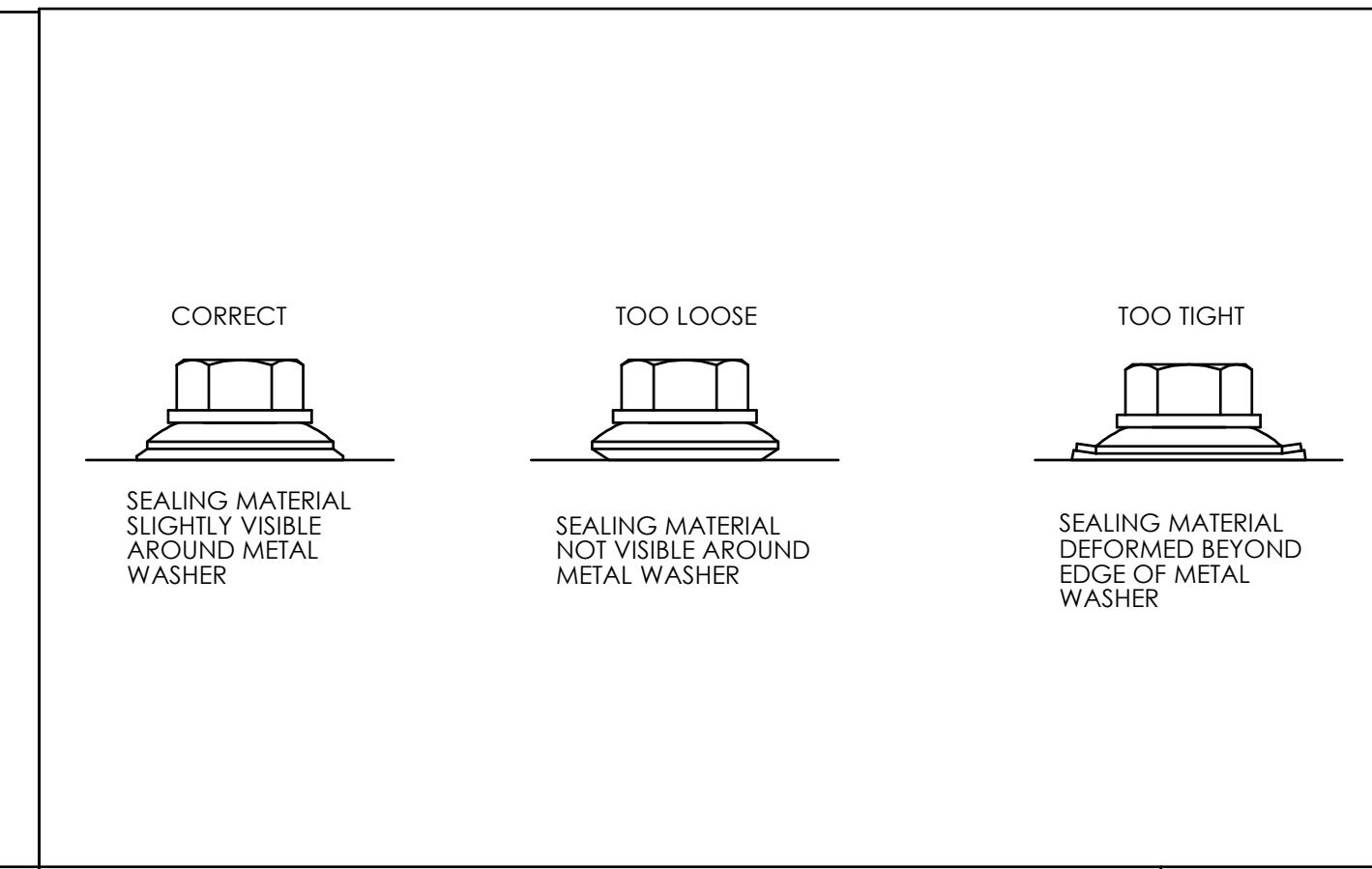
RIDGE DETAIL

MR-500



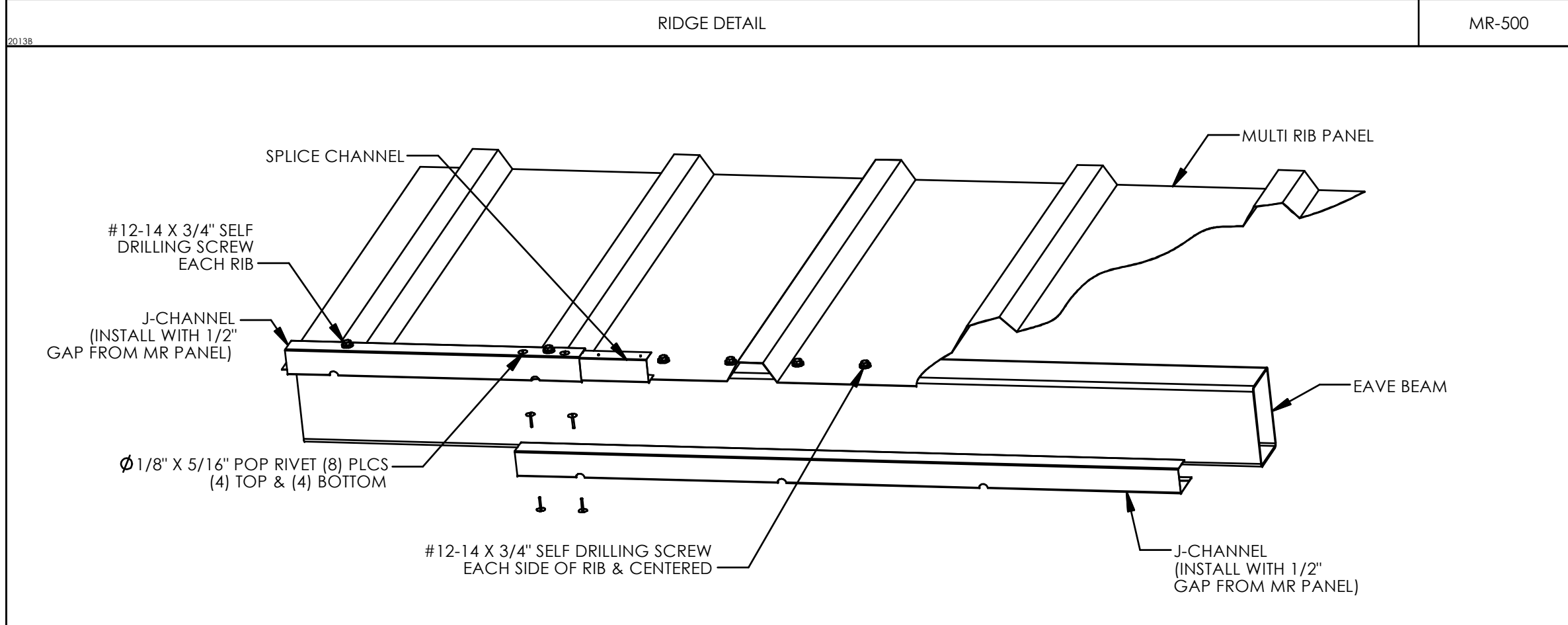
PURLIN DETAIL

MR-600



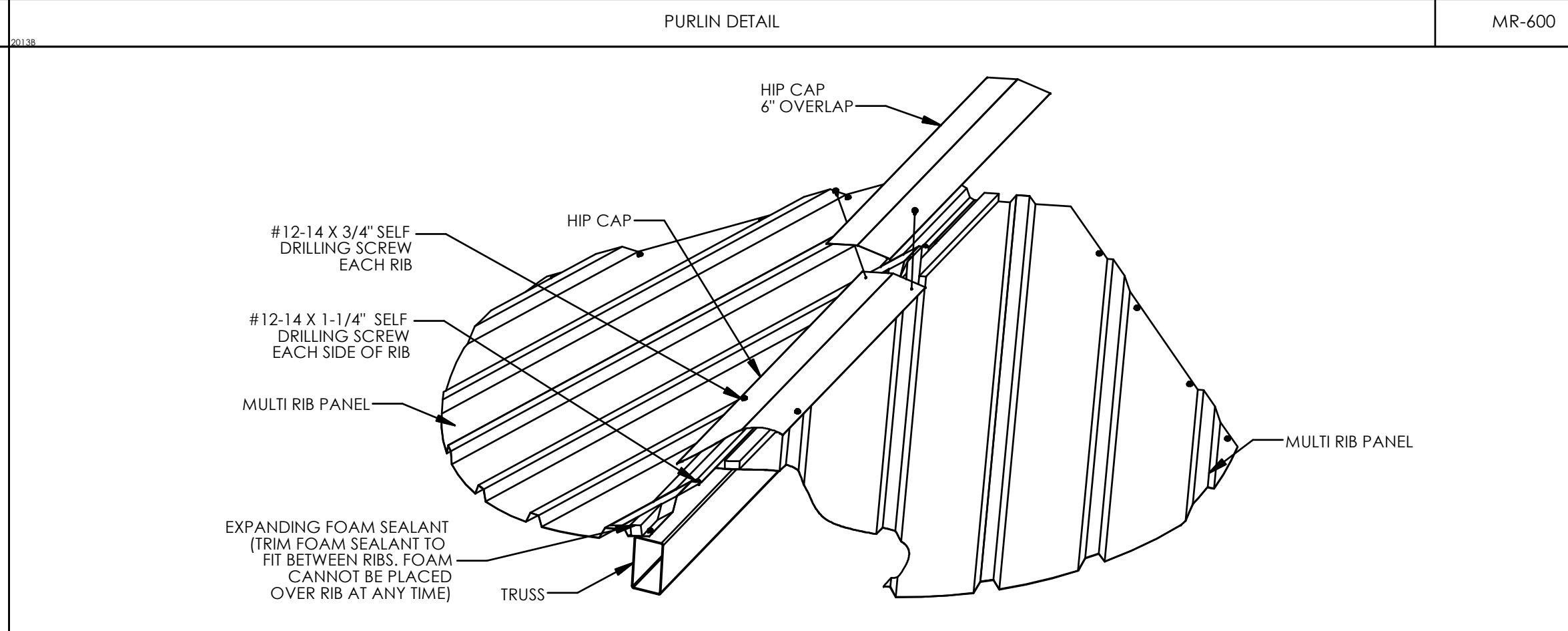
ROOF FASTENER TIGHTENING

MR-950



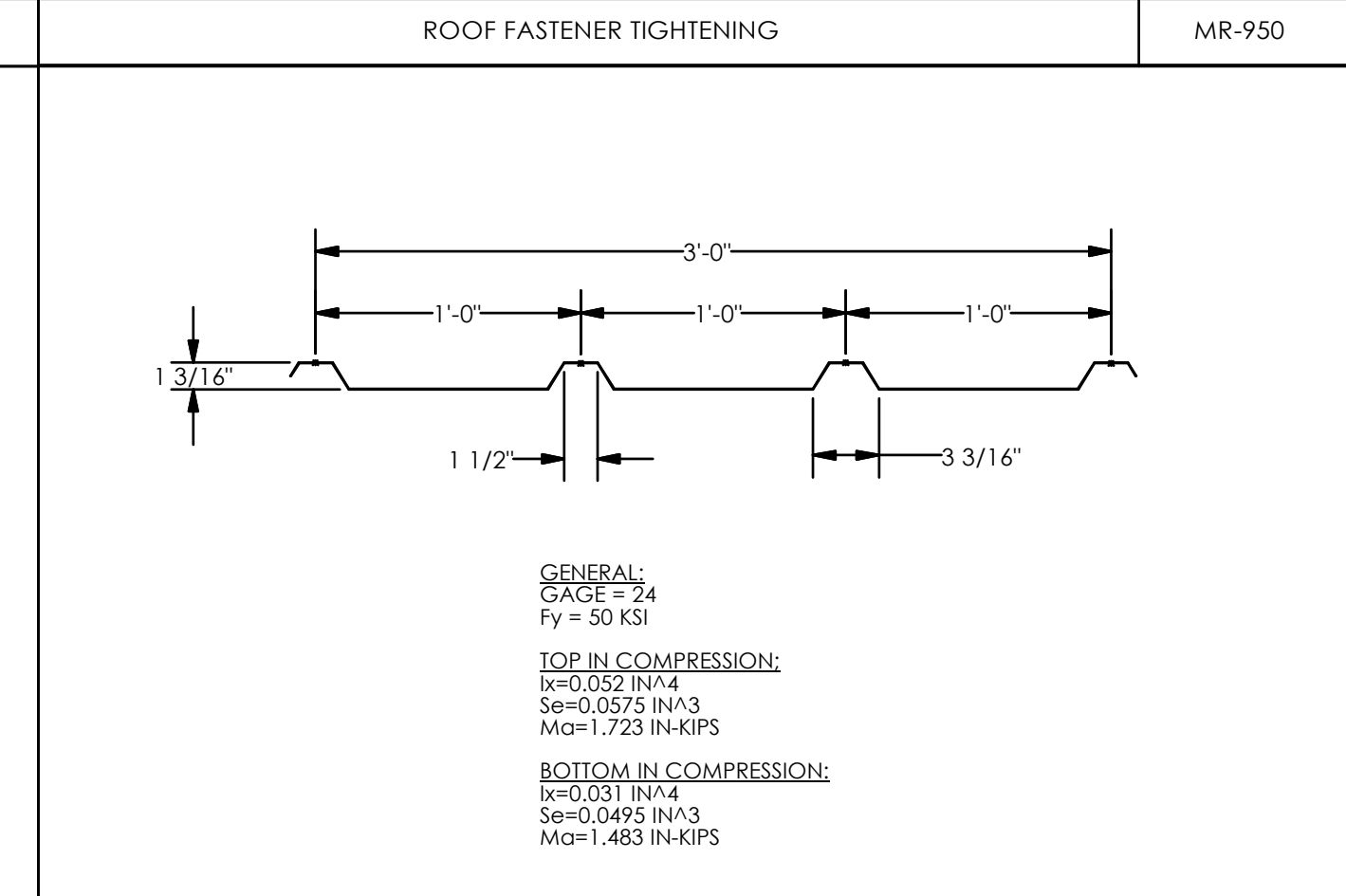
EAVE DETAIL

MR-102



TRUSS DETAIL

MR-300



MR ROOF DECK SECTION PROPERTIES

MR-951

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400 PULGA OGDH/REG/CD 01 FILE
 CONSTRUCTION, CA 95002
 916-477-8112

poligon
 PORTER
 ARCHITECTS, INC.

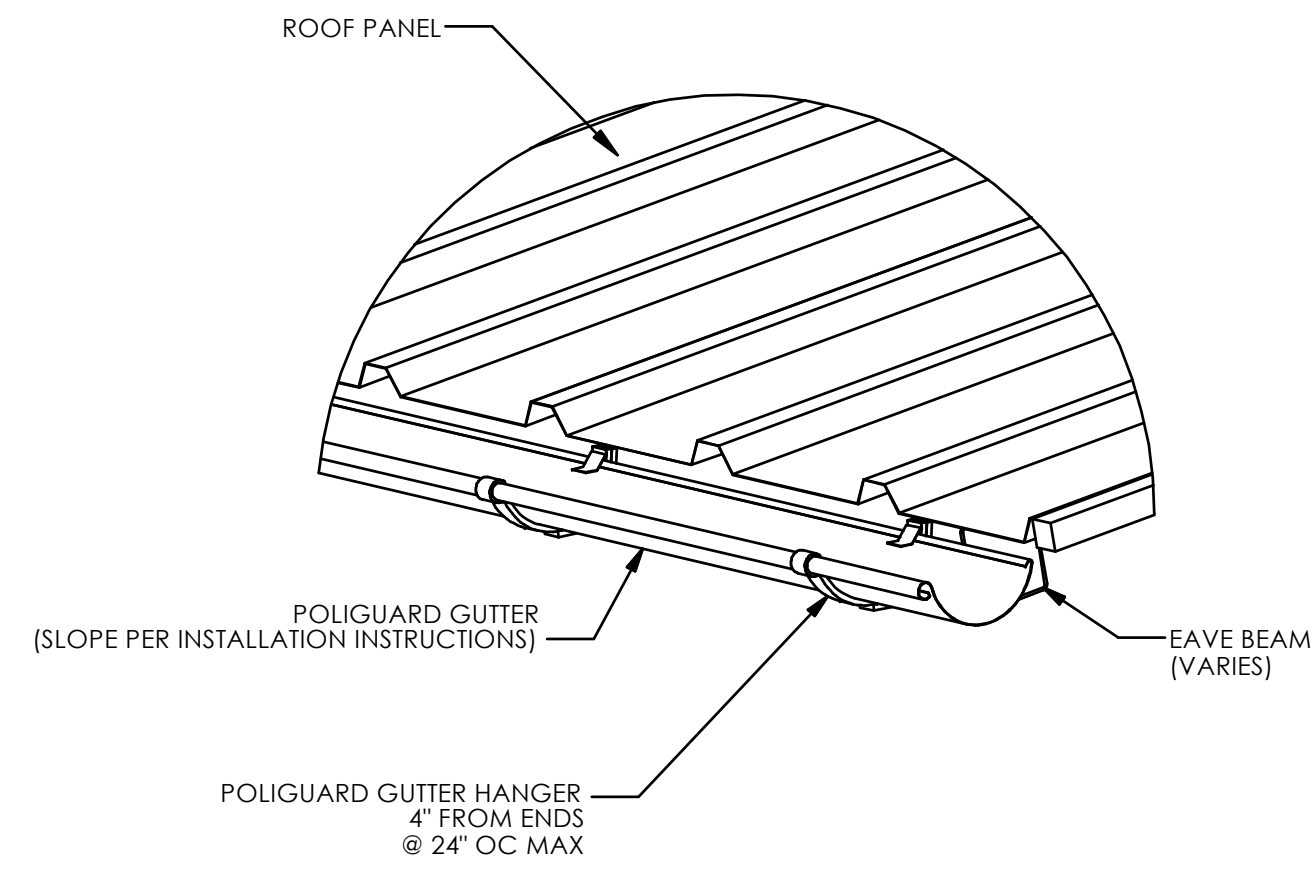
REGISTERED PROFESSIONAL ENGINEER
 MECHANICAL & ELECTRICAL
 NO. 98729
 STRUCTURAL
 STATE OF CALIFORNIA

STATE APPROVALS-PC
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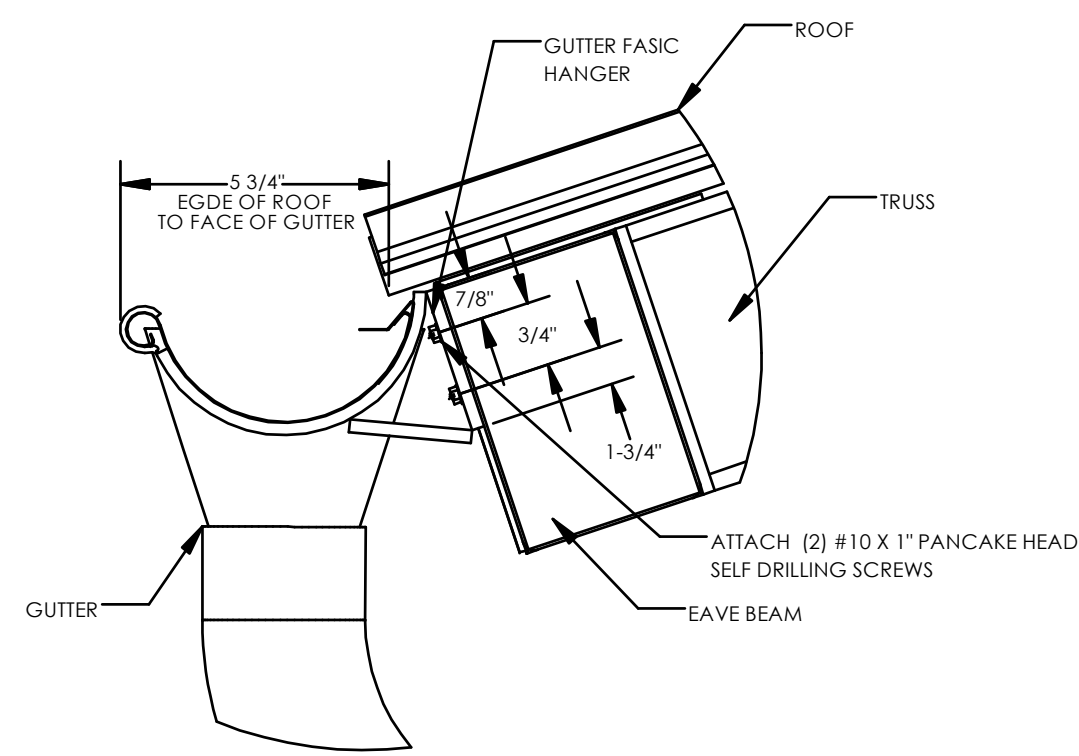
ROOF CONNECTION
DETAILS
 HIP ROOF - RAM

RAM6.0



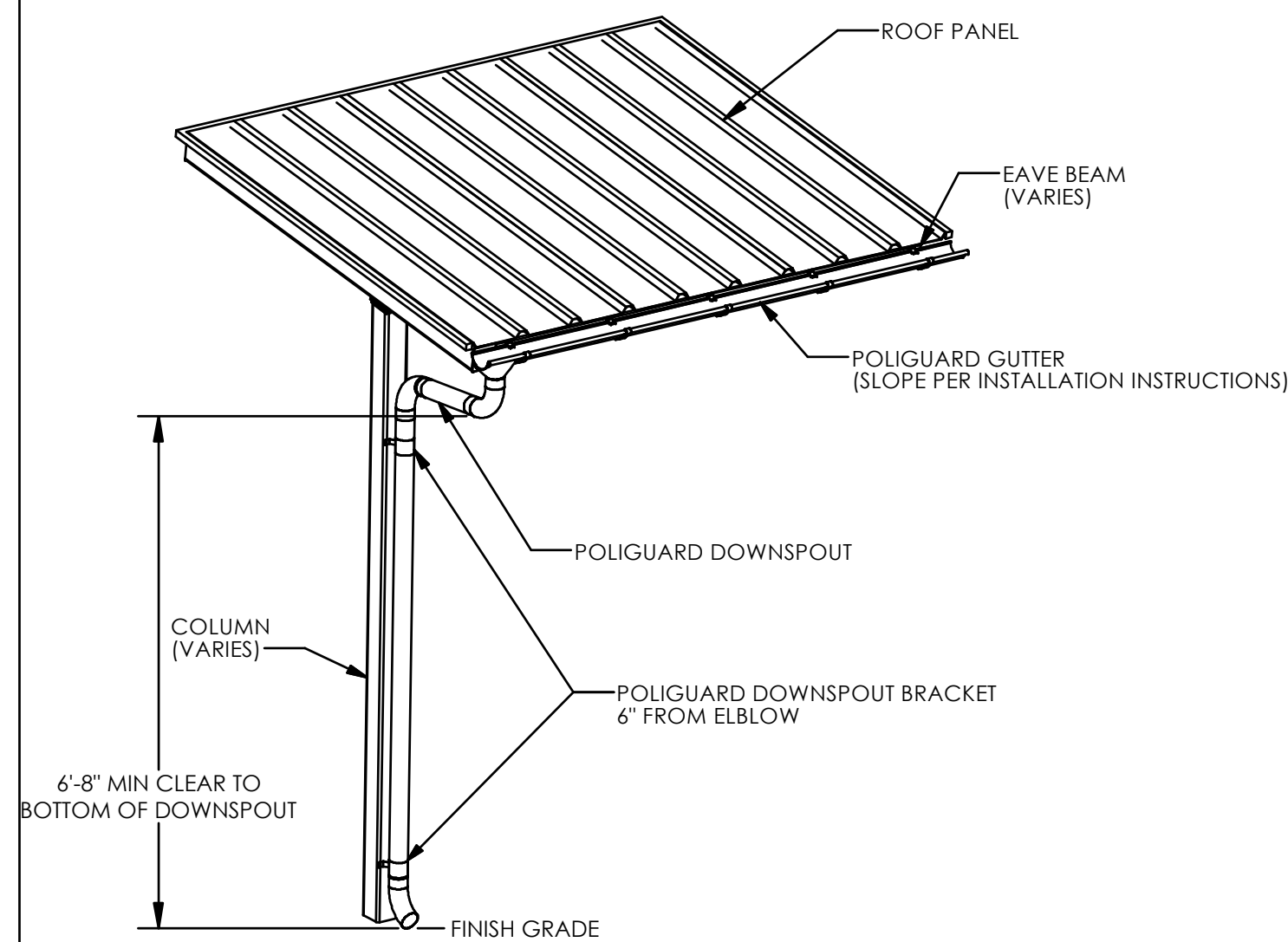
GUTTER DETAIL

GS-100



GUTTER DETAIL

GS-200

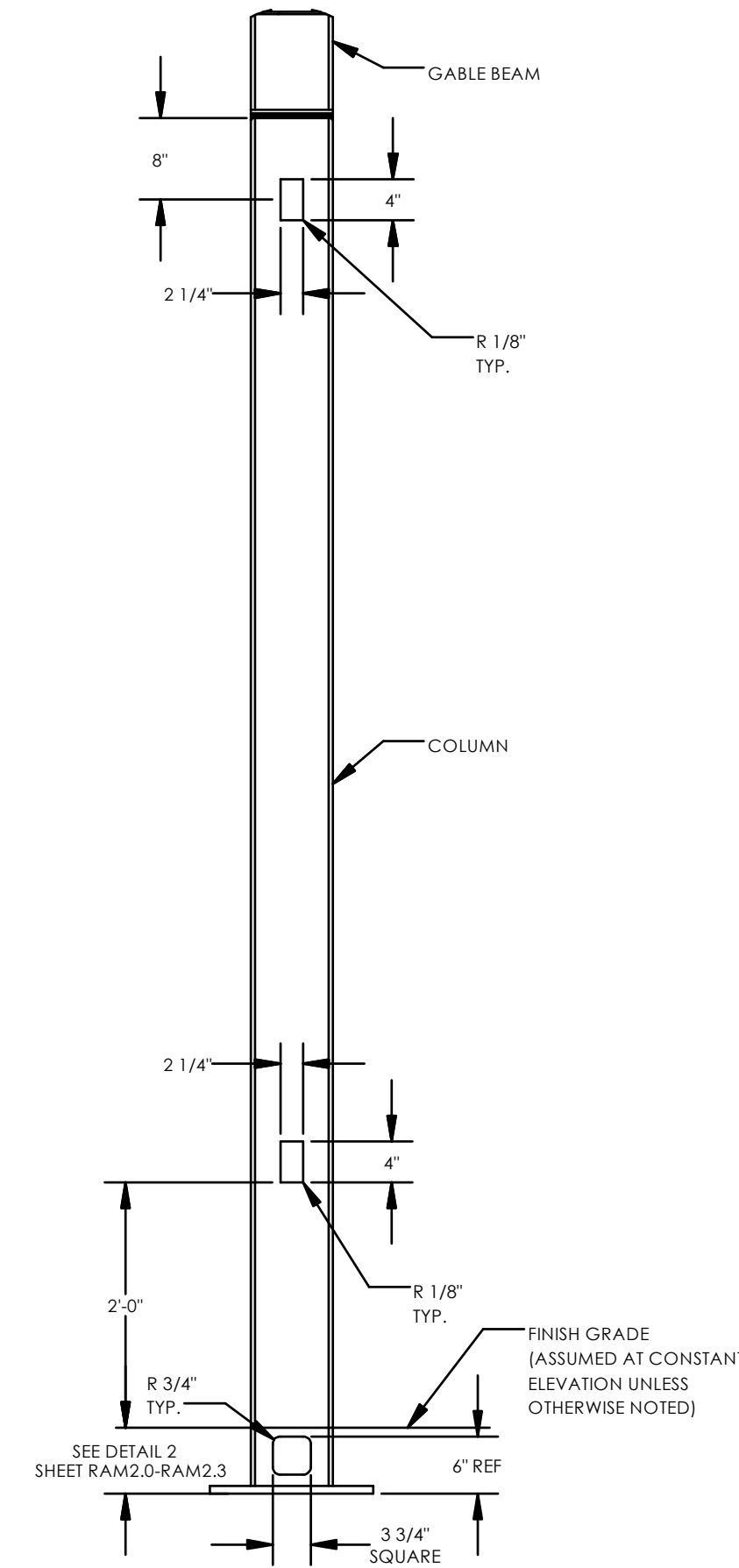


DOWNSPOUT DETAIL

GS-300

POLIGUARD GUTTER SYSTEM NOTES:

1. PREFABRICATED GUTTER SYSTEM IS ATTACHED TO THE STRUCTURE AFTER ROOF IS INSTALLED.
2. DETAILED INSTALLATION INSTRUCTIONS ARE SHIPPED WITH THE STRUCTURE.
3. DOWNSPOUTS REQUIRED AT EACH COLUMN.



ELECTRICAL CUTOUT IN COLUMNS

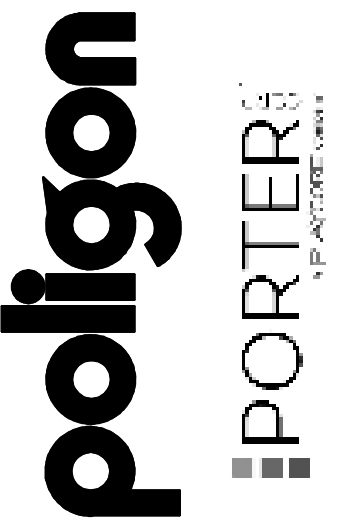
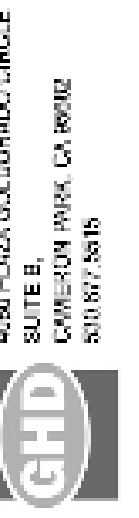
EC-100

ELECTRICAL CUTOUT NOTES:

1. MAXIMUM ONE CUTOUT PERMITTED IN EACH MEMBER.
2. CUTOUTS CAN BE PLACED ON ANY SIDE OF A MEMBER.
3. CUTOUTS CAN BE PLACED ALONG MEMBERS AS INDICATED IN THE DETAILS.
4. ARCHITECTS REQUESTING CUTOUTS MUST MARKUP APPROVED PC DRAWINGS TO LOCATE CUTOUTS FOR APPROVAL AND FABRICATION.

STATE APPROVALS-SITE

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MISC DESIGN
OPTIONS
HIP ROOF - RAM

RAM7.0

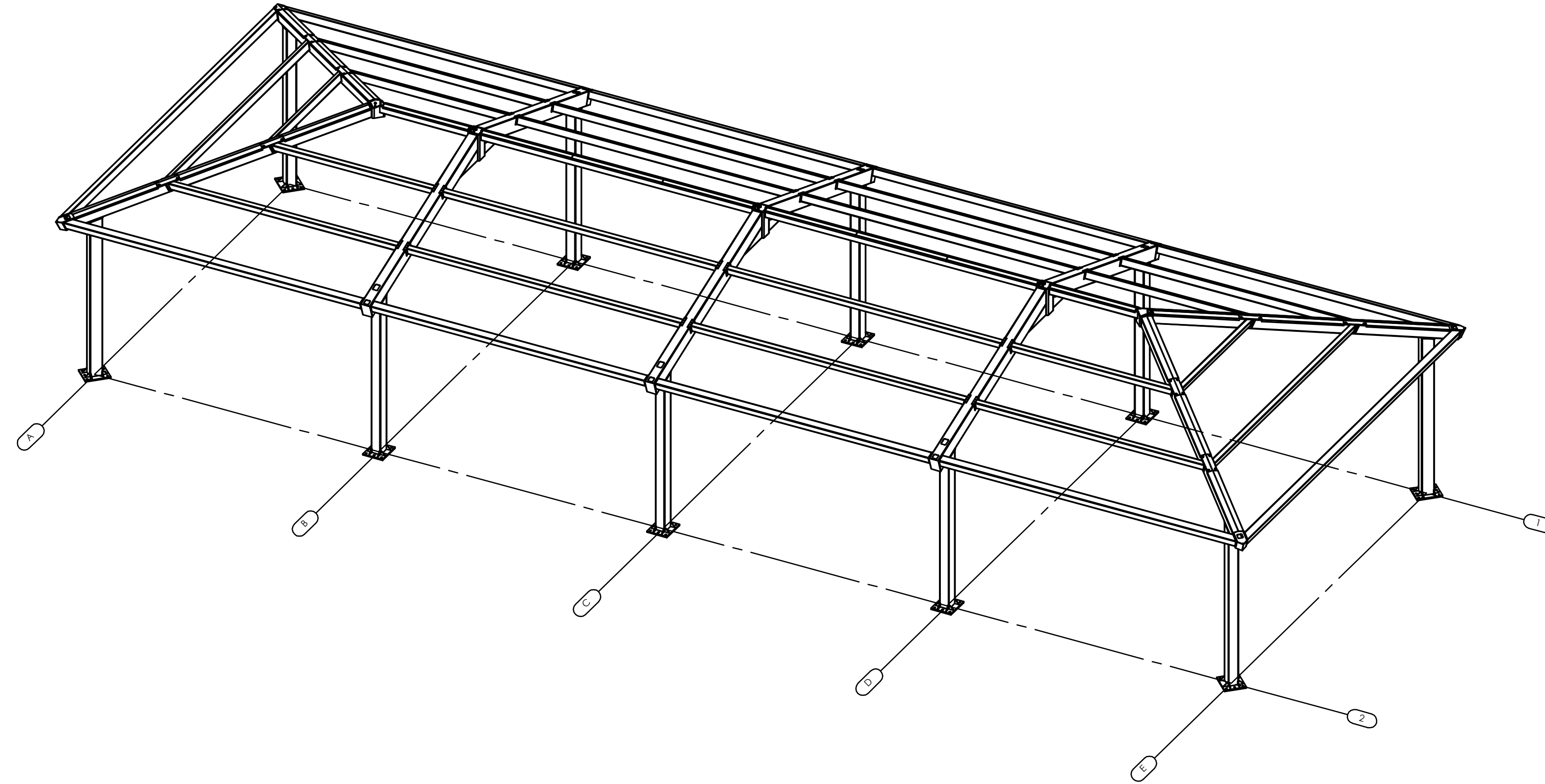
ELECTRICAL CUTOUT AND ACCESS INSTRUCTIONS

- IF 'YES' IS NOT SELECTED IN STEP 2 ON ORDER FORM, THEN THIS SHEET NEED NOT BE INCLUDED IN SITE-SPECIFIC DRAWINGS
- ONLY COLUMNS ARE PERMITTED TO HAVE ELECTRICAL ACCESS
- THE COLUMN CUTOUTS ARE STATIC AND SHOWN IN THE 'MISC DESIGN OPTIONS SHEET'
- IDENTIFY THE COLUMNS WITH ELECTRICAL CUTOUTS BELOW (REFERENCE GRID LINES IN ISOMETRIC FRAME VIEW TO THE RIGHT)
- STRUCTURES MAY BE LONGER OR SHORTER THAN THE ISOMETRIC FRAME VIEW SHOWN
- IF SITE-SPECIFIC STRUCTURE HAS A DIFFERENT NUMBER OF COLUMNS THAN ISOMETRIC SHOWN, REFERENCE COLUMN A1 IN THE ISOMETRIC VIEW AND CONTINUE PATTERN TO FIT SITE-SPECIFIC LAYOUT
- IF NO COLUMNS ARE IDENTIFIED, POLYGON WILL ASSUME CUTOUTS ONLY IN COLUMN A1
- CONTACT POLYGON ENGINEERING FOR SPECIAL PROJECT SPECIFIC REQUIREMENTS

ELECTRICAL CUTOUT IDENTIFICATION IN COLUMNS	
SPECIFIC MEMBERS	_____

EXAMPLE:

ELECTRICAL CUTOUT IDENTIFICATION IN COLUMNS	
SPECIFIC MEMBERS	A1 , B1, F1



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308 PULGA COLLEGE RD #101
 SAN JOSE, CA 95128
 408.777.4113



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 V.P. ARCHITECT, INC.



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**ELECTRICAL
 CUTOUTS**
 HIP ROOF - RAM

RAM7.1