



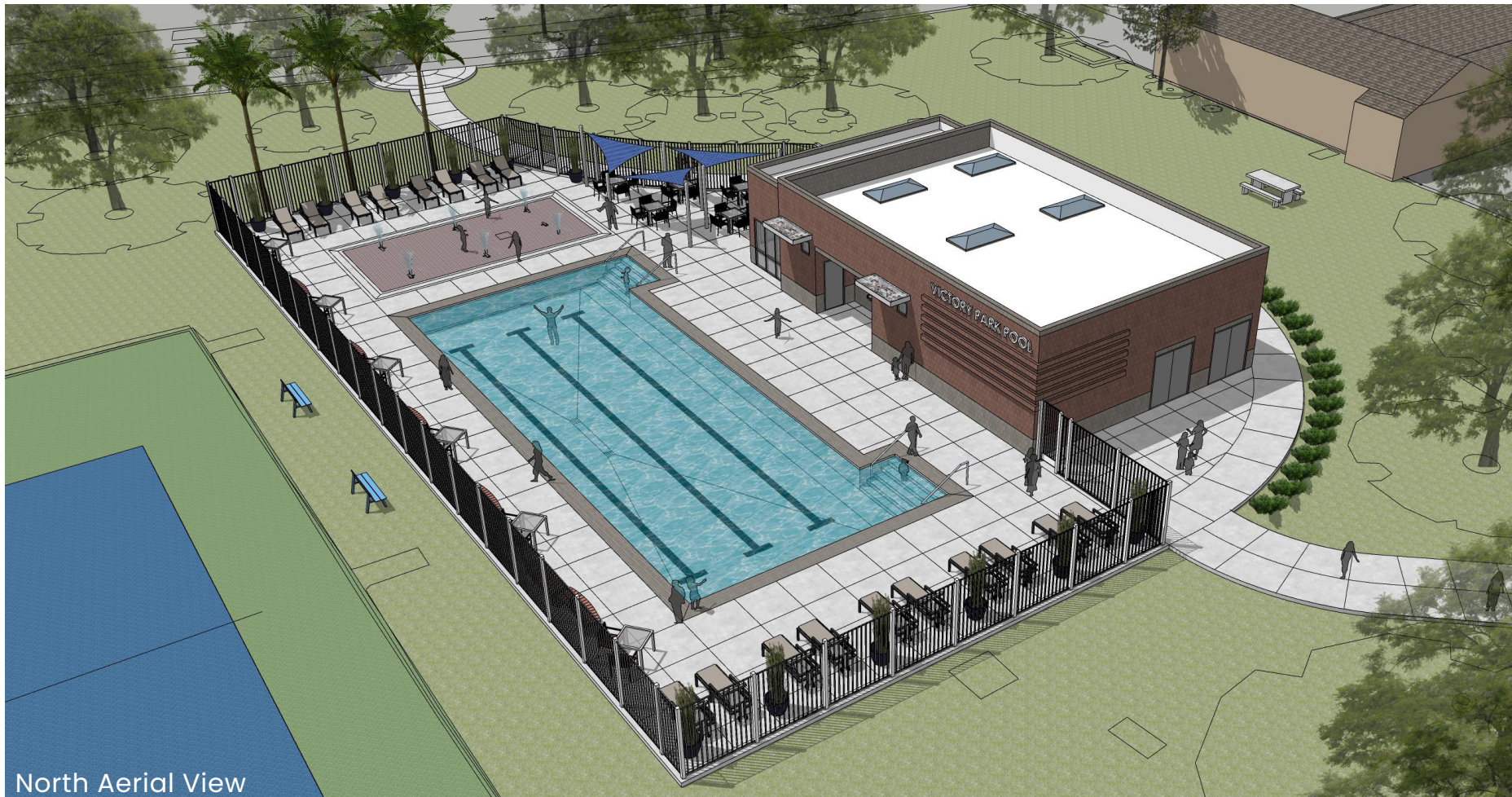
South Aerial View



View from Picardy Dr



South Entrance



North Aerial View

Final Concept 3D Views



Pool Deck



North Walk

VICTORY PARK POOL

City of Stockton | Stockton, CA

CONCEPT DESIGN

Page 2 | 12.06.22 | Project Number: 22009 | 1930 H Street, Sacramento, CA 95811 | 916.254.5600 | StudioW-Architects.com



STUDIO W
ARCHITECTS

AQUATIC FACILITIES RENOVATION & REPLACEMENT -

VICTORY PARK POOL
CITY PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203
CITY OF STOCKTON



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TOTAL SHEET COUNT: 115	

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95% SUBMITTAL.
SUBJECT TO
CHANGE/BUILDING
DEPT. REVIEW.



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NO.	REMARKS	DATE

DRAWING STATUS

PLAN CHECK
 BACK CHECK
 BIDDING
 CONSTRUCTION

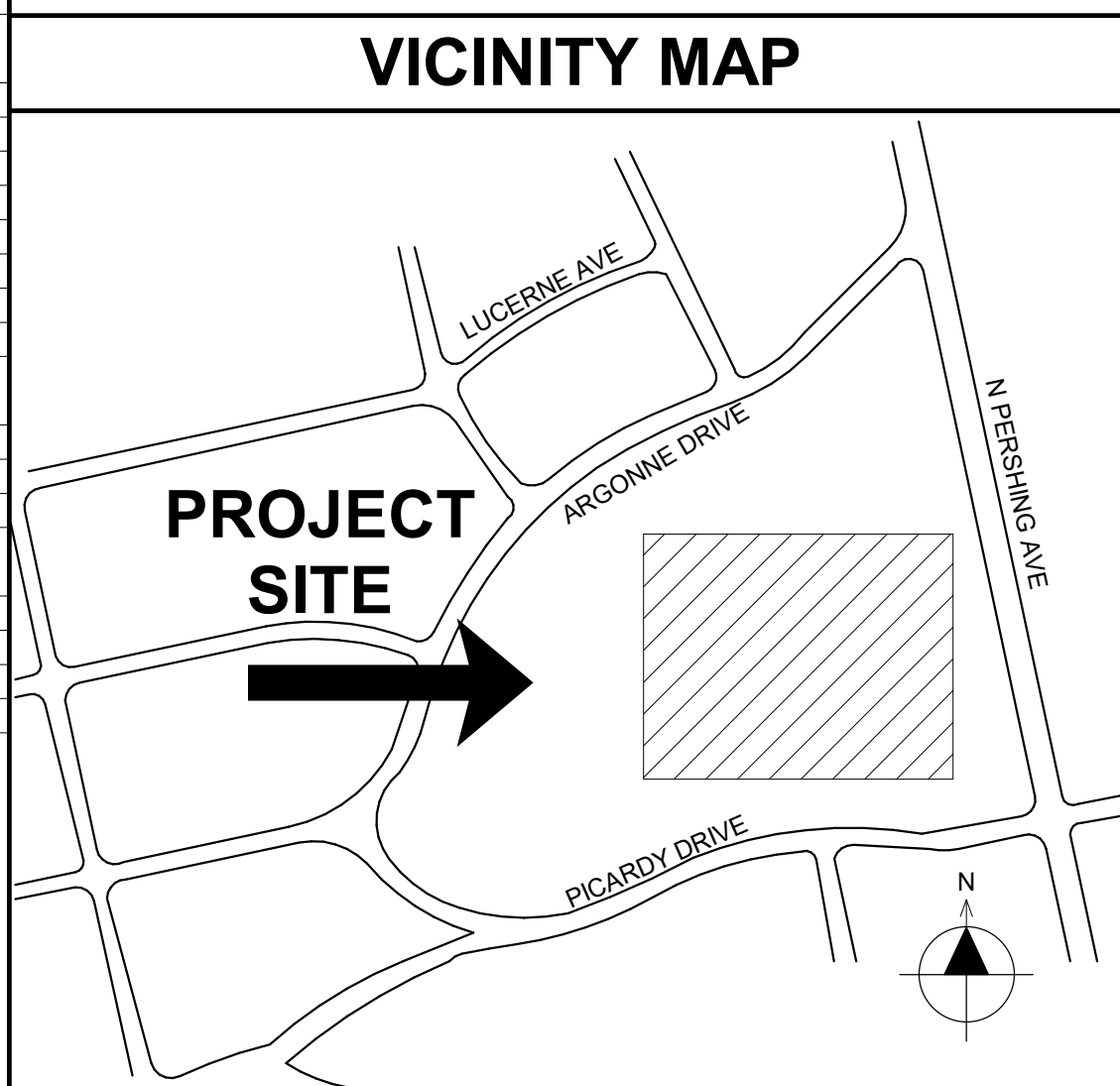
KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

CONSTRUCTION DOCUMENTS

AQUATIC FACILITIES RENOVATION & REPLACEMENT - CITY PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

COVER SHEET



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 (2021 IBC & CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (2021 NATIONAL ELECTRICAL CODE & CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (2021 UNIFORM MECHANICAL CODE & CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2021 UNIFORM PLUMBING CODE & CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 CCR
- 2022 CALIFORNIA HISTORICAL BUILDING CODE, PART 8, TITLE 24 CCR
- 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 CCR (2021 INTERNATIONAL FIRE CODE & CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR (2021 INTERNATIONAL EXISTING BUILDING CODE & CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE PART 11, TITLE 24
- 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 CCR
- TITLE 8 CCR, 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), 2019 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, 2019 EDITION

REFERENCE CODE SECTION FOR NFPA STANDARDS - 2022 CBC CHAPTER 35 AND CFC CHAPTER 80 - SEE CHAPTER 90 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS.

SCOPE OF WORK

SCOPE OF WORK TO INCLUDE:

- COMPLETE DEMOLITION OF (E) FACILITY (E) BUILDING
 - UTILITIES
 - WALKS
 - POOL DECK
 - FENCING
 - BASKETBALL COURT
- CONSTRUCTION OF NEW AQUATIC FACILITY, ADA ACCESSIBLE PARKING
 - WALKS
 - LANDSCAPE
 - UTILITIES

FACILITIES BUILDING THAT INCLUDES:

- MEN'S RESTROOM
- WOMEN'S RESTROOM
- TICKET BOOTH
- LIFEGUARD OFFICE
- POOL MECHANICAL AREA
- 4-LANE 25 YARD FITNESS POOL
- 33' X 16' SPRAYGROUND
- NEW FENCING
- RELOCATED BASKETBALL COURT WITH CHAIN LINK FENCE
- SITE LIGHTING

PROJECT DESCRIPTION

ASSESSOR'S PARCEL NUMBER: 13515001
PROJECT DESCRIPTION: POOL, FACILITIES BUILDING, UTILITIES RENOVATION
ADDRESS: 1202 N. PERSHING AVENUE, STOCKTON, CA 95203
GP COMMUNITY TYPE: URBAN-INC
ZONING: CITY
FIRE DISTRICT: STOCKTON
SEWER DISTRICT: STOCKTON
WATER DISTRICT: PVT CAL WATER
STORM DISTRICT: STOCKTON
IRRIGATION DISTRICT: SEWD
RECLAMATION DISTRICT: 8282 WEBER TR
PHONE SERVICE: AT&T
TRACT BLK GROUP: TR 09.00 BG 31
TRAFFIC ZONE: 40
FLOOD ZONE: X

DEFERRED APPROVALS

N/A

ADD ALTERNATES

N/A

95% SUBMITTAL. SUBJECT TO CHANGE/BUILDING DEPT. REVIEW.

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NO. REMARKS DATE

DATE

PLAN CHECK
BACK CHECK
BIDDING
CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

CONSTRUCTION DOCUMENTS

AQUATIC FACILITIES
RENOVATION &
REPLACEMENT -
CITY PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

GENERAL NOTES

Date: 07/17/2023 Project Number: 22009
Appxication Number: XX-XXXXXX Drawing Number: A0.2
Drawn: [] Checked: [] Author: [] Checker: []

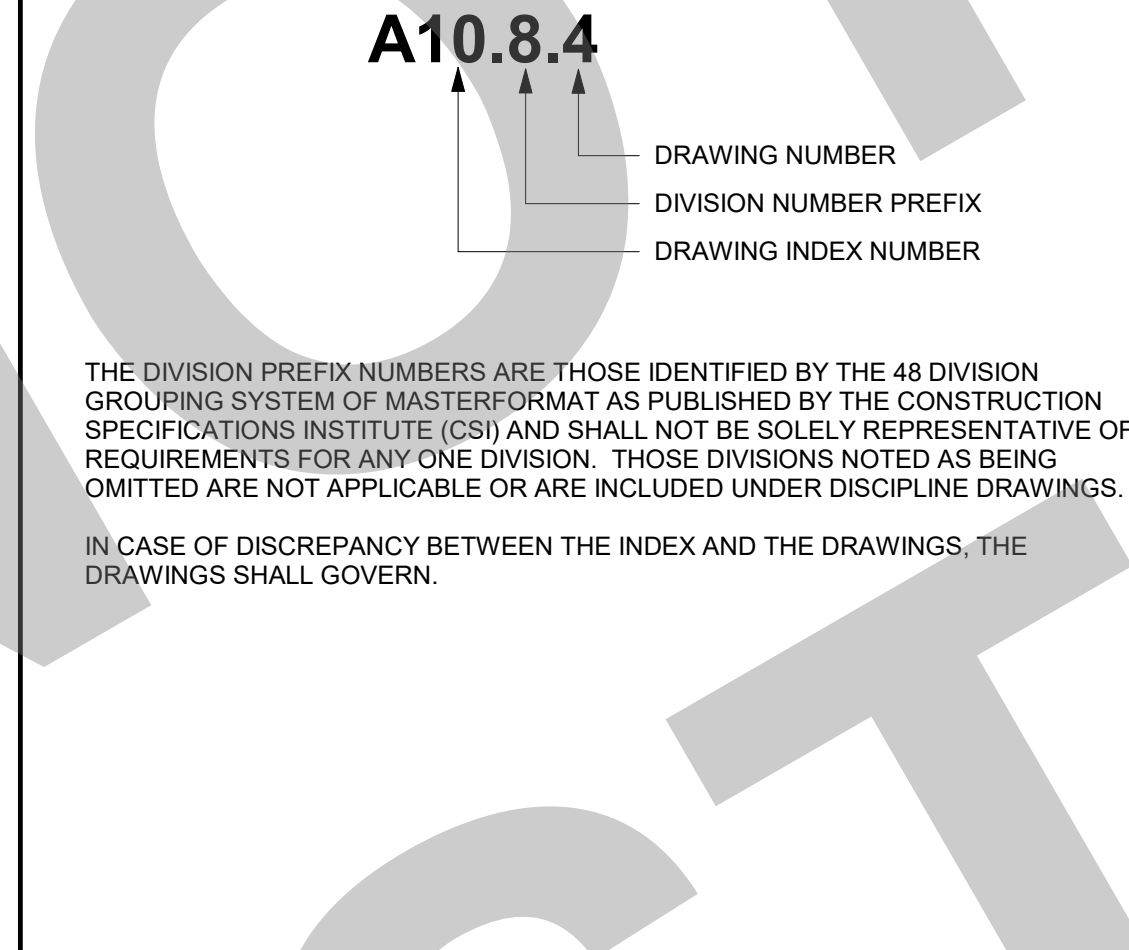
DRAWING DISCIPLINE PREFIX

- 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

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



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

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, REQUIREING WORK, 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.L.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, SPECIFICATIONS 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 CITY AND/OR REPRESENTATIVE. 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 AIRWATER TIGHT AND PRIOR PENETRATIONS SHALL BE SEALED PER THE 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 ANNOYANCES 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 OR SUBMITTAL AND SUBSTITUTION REQUIREMENTS.
21. CONSTRUCTION MATERIAL STORED ON THE SITE SHALL BE PROPERLY STACKED AND PROTECTED TO PREVENT DAMAGE OR DETERIORATION. 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.
31. PROVIDE ACCESS DOORS REQUIRED FOR ACCESS TO CONCEALED MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT.
32. ALL NOTED WORK IS UNDERSTOOD TO BE NEW, UNLESS LABELED AS "EJ" OR "EXISTING".

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 FUNCTIONING 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-certification-provider-program/acceptance>.

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

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

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 CITY AND/OR REPRESENTATIVE. THE PROJECT INSPECTORS SHALL VERIFY THAT DOCUMENTATION IS PROVIDED TO THE CITY AND/OR REPRESENTATIVE.

SUPPLEMENTAL GENERAL NOTES

1. THESE DRAWINGS DO NOT CONTAIN THE NECESSARY COMPONENTS FOR INSTALLED ANCHOR BOLTS.
2. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE AND CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID INTERCEPTING EXISTING PIPING OR CONDUITS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREIN OR NOT AND TO PROTECT THEM FROM DAMAGE. THE ARCHITECT IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACT. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD ANY UNIDENTIFIED CONDITIONS BE DISCOVERED. THE CONTRACTOR SHALL BEAR ALL EXPENSE OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THIS WORK.
3. THESE DOCUMENTS AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, ARE THE PROPERTY OF STUDIO W ARCHITECTS, AND ARE NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF STUDIO W ARCHITECTS.
4. EACH BIDDER SHALL POSSESS AT THE TIME OF BID, A CLASS B OR THE APPROPRIATE CLASS C CONTRACTOR'S LICENSE PURSUANT TO PUBLIC CONTRACT CODE SECTION 3300 AND BUSINESS AND PROFESSIONS CODE SECTION 7028.15. THE SUCCESSFUL BIDDER MUST MAINTAIN THE LICENSE THROUGHOUT THE DURATION OF THIS CONTRACT.
5. FIRE SAFETY DURING CONSTRUCTION & DEMOLITION:
A. GENERAL: FIRE SAFETY DURING CONSTRUCTION & DEMOLITION SHALL COMPLY WITH 2019 CALIFORNIA FIRE CODE (CFC) CH. 33 (PART 9, TITLE 24 CCR)
B. CONSTRUCTION SAFEGUARDS: SHALL COMPLY WITH APPLICABLE PROVISIONS OF CBC 3302.
C. DEMOLITION: SHALL COMPLY WITH APPLICABLE PROVISIONS OF CBC 3303.
D. BUILDING ACCESS: ACCESS TO BUILDINGS FOR THE PURPOSE OF FIREFIGHTING SHALL BE PROVIDED. CONSTRUCTION MATERIAL SHALL NOT BLOCK ACCESS TO BUILDINGS, HYDRANTS OR FIRE APPLIANCES PER CBC 3308.1.
E. MEANS OF EGRESS: SHALL COMPLY WITH APPLICABLE PROVISIONS OF CBC 3310.
F. WATER SUPPLY: APPROVED WATER SUPPLY SHALL BE MADE AVAILABLE IN ACCORDANCE WITH CBC 3313.
G. FIRE WATCH: MAINTAIN FIRE WATCH WHEN REQUIRED BY THE BUILDING OFFICIAL AND WHEN EXISTING FIRE PROTECTION SYSTEMS ARE SHUT DOWN FOR ALTERATIONS. FIRE WATCH SHALL REMAIN IN EFFECT UNTIL EXISTING FIRE PROTECTION SYSTEMS ARE RETURNED TO SERVICE OR AS ALLOWED BY THE BUILDING OFFICIAL PER CBC 3314.
6. PENETRATIONS IN FIRE RATED MATERIALS OR ASSEMBLIES SHALL BE RESTORED TO EQUAL RATING. FIRE STOP SYSTEMS AS LISTED BY UNDERWRITERS LABORATORIES SHALL BE INSTALLED PER FIRE RESISTANCE DIRECTORY. FIRE STOP SYSTEMS SHALL BE AS SPECIFIED.
7. NON-BUILDING ENERGY STANDARDS COMPLIANCE STATEMENT (TITLE 24, PART 6):
A. THE DESIGN INDICATED HEREIN COMPLIES WITH THE REQUIREMENTS OF THE ENERGY CONSERVATION STANDARDS OF TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS. THE PROPOSED BUILDINGS WILL BE IN COMPLIANCE WITH THE ENERGY CONSERVATION STANDARDS PROVIDED THEY ARE BUILT ACCORDING TO THESE DRAWINGS AND SPECIFICATIONS AND PROVIDED ANY FUTURE IMPROVEMENTS ARE COMPLETED ACCORDING TO THE REQUIREMENTS OF TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS. THESE DRAWINGS AND SPECIFICATIONS HAVE BEEN PREPARED TO INCLUDE ALL SIGNIFICANT ENERGY CONSERVATION FEATURES REQUIRED FOR COMPLIANCE WITH THE STANDARDS. BUILDING AREAS THAT ARE UNCONDITIONED AND/OR NOT SUBJECT TO THE STANDARDS ARE INDICATED ON THE DRAWINGS.
B. ENVELOPE MANDATORY MEASURES:
A. INSTALLED INSULATING MATERIALS SHALL HAVE BEEN CERTIFIED BY THE MANUFACTURER TO COMPLY WITH THE CALIFORNIA QUALITY STANDARDS FOR INSULATING MATERIAL.
B. ALL INSULATING MATERIALS SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME SPREAD RATINGS AND SMOKE DENSITY REQUIREMENTS OF TITLE 24, PART 2, CALIFORNIA CODE OF REGULATIONS, SECTIONS 719.
C. ALL EXTERIOR JOINTS AND OPENINGS IN THE BUILDING ENVELOPE THAT ARE POTENTIAL AND OBSERVABLE SOURCES OF AIR LEAKAGE SHALL BE CAULKED, GASKETED, WEATHERSTRIPPED OR OTHERWISE SEALED.
D. SITE CONSTRUCTED DOORS, WINDOWS, AND SKYLIGHTS SHALL BE CAULKED BETWEEN THE UNIT AND THE BUILDING, AND SHALL BE WEATHERSTRIPPED (EXCEPT FOR UNFRAMED GLASS DOORS AND FIRE DOORS).
E. MANUFACTURED DOORS AND WINDOWS INSTALLED SHALL HAVE AIR INFILTRATION RATES CERTIFIED BY THE MANUFACTURER IN ACCORDANCE WITH TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS, SECTION 116(a).
F. MANUFACTURED PENETRATION PRODUCTS IN THE ENVELOPE OF THE BUILDING, INCLUDING, BUT NOT LIMITED TO, WINDOWS, SLIDING GLASS DOORS, FRENCH DOORS, SKYLIGHTS, CURTAIN WALLS, AND GARDEN WINDOWS MUST BE LABELED FOR U-VALUE IN ACCORDANCE WITH THE (NFRC) NATIONAL FENESTRATION RATING COUNCIL'S INTERIM U-VALUE RATING PROCEDURE.
G. DIMENSING WALL INSULATION SHALL BE INSTALLED IN ALL OPAQUE PORTIONS OF FRAMED WALLS (EXCEPT DOORS).
8. PROOF LOAD TESTS FOR EXPANSION TYPE ANCHOR BOLTS:
A. ANCHOR DIAMETER REFERS TO THE THREAD SIZE FOR THE WEDGE CATEGORY AND TO THE ANCHOR OUTSIDE DIAMETER FOR THE SLEEVE CATEGORY.
B. APPLY PROOF TEST LOADS TO WEDGE & SLEEVE ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. IF NOT, REMOVE NUT AND INSTALL A THREADED COUPLER TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH AND APPLY LOAD.
C. FOR SLEEVE INTERNALLY THREADED CATEGORIES, VERIFY THAT THE ANCHOR IS NOT PREVENTED FROM WITHDRAWING BY A BASEPLATE OR OTHER FIXTURES. IF RESTRAINT IS FOUND, LOOSEN AND SHIM OR REMOVE FIXTURE(S) PRIOR TO TESTING.
D. REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURE(S).
E. TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES.

OWNER FURNISHED ITEMS

- ITEMS LISTED BELOW ARE OWNER FURNISHED. CONTRACTOR INSTALLED.
- EQUIPMENT
- FULL SIZE REFRIGERATORS - OFOI
 - MICROWAVE - OFOI
- TECHNOLOGY
- TVS AND TV BRACKETS - OFOI
 - AV CONTROLLERS WITH SWAPS - OFOI
 - SPEAKERS - OFOI
 - CLOCKS - OFOI
- ACCESSORIES/STORAGE
- LOCKERS/SHELVES FOR STAFF STORAGE - CFCl
 - STORAGE CABINETS - CFCl
 - BULLETIN/MARKER BOARD - CFCl
- ITEMS LISTED BELOW ARE OWNER FURNISHED, OWNER INSTALLED AND MAY OR MAY NOT BE SHOWN IN THESE DOCUMENTS AND ARE LISTED HERE FOR REFERENCE ONLY.
- FURNITURE
 - RECYCLING BINS
 - PRINTERS
 - COMPUTER/LAPTOP
 - TABLE AND CHAIRS
 - WATER DISPENSER
 - FIRST AID BENCH

GENERAL NOTES

THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHOR BOLTS:

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.
3. TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE SUBJECT ANCHORS.
4. ALL ANCHOR BOLTS OF THE EXPANSION TYPE (LOADED IN EITHER PULLOUT 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.
5. TESTING SHALL BE PERFORMED IN ACCORDANCE WITH TITLE 24, PART 2, SECTION 1910A.5. TESTS FOR POST-INSTALLED ANCHORS IN CONCRETE -
6. ALL BOLTS TO HAVE ICC APPROVAL
7. 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

ANCHOR	NORMAL WEIGHT OR LIGHTWEIGHT CONCRETE		
	WEDGE		
DIA. (IN)	TENSION LOAD (LBS)	TORQUE (FT-LBS)	EFFECTIVE MIN. EMBEDMENT
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"

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. ICC NO. ESR 1663
 2. 0.138 DIA. PAF X-CR INTO STEEL BASE MATERIAL - ICC NO. ESR 1663

ARCHITECTURAL DRAWING ABBREVIATIONS

#	POUND OR NUMBER	DG	DECOMPOSED GRANITE	HMD	HOLLOW METAL DOOR	PED	PEDESTAL	ST	STREET
&	AND	DH	DOUBLE HUNG	HMF	HOLLOW METAL DOOR AND FRAME	PERF	PERFORATED	STA	STATION
.	ITEMS IDENTIFIED AS "NIC" ARE NOT PART OF THIS DSA APPROVAL	DIA	DIAMETER	HMF	HOLLOW METAL FRAME	PERIM	PERIMETER	STAG	STAGGERED
2X	NOMINAL LUMBER SIZE (4X, 6X, 8X, ETC.)	DIAG	DIAGONAL	HNDRL	HANDRAIL	PERP	PERPENDICULAR	STC	SOUND TRANSMISSION CLASS
@	PERPENDICULAR	DIFF	DIFFUSION	HR	HORIZONTAL	PERSD	PERISCOPE	STD	STANDARD
		DIR	DIMENSION	HP	HIGH POINT	PH	PHASE	STG	SEATING
A		DISP	DISPENSER	HR	HOUR	PHS	PHILLIPS HEAD SCREW	STIF	STIFFENER
AC	AIR CONDITIONING	DIV	DIVISION	HT	HEIGHT	PI	POINT OF INTERSECTION	STR	STAIR
AC	ARCHITECT/ENGINEER	DMPF	DAMP/PROOFING	HTG	HEATING	PV	POST INDICATOR VALVE	STL	STEEL
AB	ANCHOR BOLT	DMT	DEMOUNTABLE	HVAC	HEATING, VENTILATING, AIR CONDITIONING	PL	PLATE, PROPERTY LINE	STR	STORAGE
ABAN	ABANDON	DN	DOWN	HW	HOT WATER HEATER	PLAM	PLASTIC LAMINATE	STRUC	STRUCTURAL
ABC	AGGREGATE BASE COURSE	DR	DOOR	I		PLAS	PLASTER	STU	STRUCT
ABV	ABOVE	DRB	DRAINBOARD	ID	INSIDE DIAMETER	PLYWD	PLYWOOD	SUSP	SUSPENDED
AC	ASPHALTIC CONCRETE	DRV	DOOR LOUVER	IN	INCH	PM	PRESSED METAL	SV	SHEET VINYL
ACC	ACCESSIBLE	DS	DOWNSPOUT	INCL	INCLUDE(D), (ING)	PNEU	PNEUMATIC	SYMM	SYMMETRICAL
ACP	ALUMINUM COMPOSITE PANEL	DSP	DRY STANDPIPE	INFO	INFORMATION	PNL	PANEL	SYNTH	SYNTHETIC
ACST	ACOUSTICAL	DT	DRAIN TILE	INSTL	INSTALL	PNT	PAINT(ED)	SYS	SYSTEM
ACT	ACOUSTICAL CEILING TILE	DVTL	DOVETAIL	INSUL	INSULATE(D), (ION)	POL	POLISHED		
AD	AREA DRAIN	DW	DISHWASHER	INT	INTERIOR	POLY	POLYETHYLENE		
ADD	ADDENDUM	DWG	DRAWING	INV	INVERT	PORC	PORCELAIN		
ADH	ADHESIVE	DWL	DOWEL	IPS	IRON PIPE SIZE	PORT	PORTABLE		
ADJ	ADJUSTABLE	DWR	DRAWER	ISA	INTERNATIONAL SYMBOL OF ACCESSIBILITY	PR	PAIR		
ADJC	ADJACENT	E	EXISTING	J	JANITOR	PRST	PRECAST		
AFF	ABOVE FINISH FLOOR	(E)	EXISTING	JAN	JANITOR	PREFAB	PREFABRICATED		
AFG	ABOVE FINISHED GRADE	(E)	EXISTING	JST	JOIST	PREFIN	PREFINISHED		
AGGR	AGGREGATE	EA	EACH	JT	JOINT	PREFMD	PREFORMED		
AHU	AIR HANDLING UNIT	EAR	EXHAUST AIR REGISTER	K	KITCHEN	PRKG	PARKING		
ALS	ASSISTED LISTENING SYSTEM	EB	EXHAUSTION BOLT	KIT	KITCHEN	PRML	PREFORMED		
ALT	ALTERNATE	EE	EACH END	KO	KNOCKOUT	PROJ	PROJECT		
ALUM/AL	ALUMINUM	EF	EACH FACE	KPL	KICKPLATE	PROP	PROPERTY		
ANC	ANCHOR, ANCHORAGE	EFS	EXTERIOR FINISH SYSTEM	L	LABORATORY	PSCONC	PRESSED CONCRETE		
APLD	APPLIED	EHD	ELECTRIC HAND DRYER	LAD	LADDER	PT	POINT		
APPRX	APPROXIMATELY	EHS	EXTERIOR INSULATION AND FINISH SYSTEM	LAM	LAMINATE	PTD	PAPER TOWEL DISPENSER		
ARCH	ARCHITECT(URAL)	EJ	EXPANSION JOINT	LAV	LAVATORY	PTDF	PRESSURE TREATED DOUGLAS FIR		
ASC	ABOVE SUSPENDED CEILING	EL	ELEVATION	LBS	POUND(S)	PTN	PARTITION		
ASF	ABOVE STAGE FINISH	ELAST	ELASTOMERIC	LBL	LABEL	PTR	PAPER TOWEL RECEPTACLE		
ASPH	ASPHALT	ELEC	ELECTRICAL	LBR	LUMBER	PVC	POLYVINYL CHLORIDE		
ASBY	ASSEMBLY	ELEV	ELEVATOR	LDR	LEADER	PVEI	PAVE(D), (ING)		
ASYM	ASYMMETRICAL	EM	EXPANDED METAL	LF	LINEAL FOOT	PVMT	PAVEMENT		
AUTO	AUTOMATIC	EMER	EMERGENCY	LG	LENGTH, LONG	Q	QUARRY TILE		
AV	AUDIO VISUAL	EN	EDGE NAILING	LH	LEFT HAND	QT	QUARRY TILE BASE		
AWG	AMERICAN WIRE GAUGE	ENCL	ENCLOSURE	LHR	LEFT HAND REVERSE	QTB	QUARRY TILE BASE		
		ENGR	ENGINEER	LK	LOCK	QTF	QUARRY TILE FLOOR		
		ENTR	ENTRANCE	LKR	LOCKER	QTR	QUARTER		
		EP	ELECTRICAL PANELBOARD	LKWASH	LOOKWASHER	QTY	QUANTITY		
		EQ	EQUAL	LLH	LONG LEG HORIZONTAL	R	RISER		
		EQUIP	EQUIPMENT	LLV	LONG LEG VERTICAL	RAB	RABBIT		
		ESC	ESCUTCHEON	LMST	LIMSTONE	RAD	RADIUS		
		ESCL	ESCALATOR	LNSCP	LANDSCAPE(D)	RB	RESILIENT BASE		
		ESMT	EASEMENT	LNTL	LINTEL	RBR	RUBBER		
		EW	EACH WAY	LP	LIGHTPROOF	RCP	REINFORCED CONCRETE PIPE		
		EWG	ELECTRIC WATER COOLER	LPT	LOW POINT	RCVR	RECEIVER		
		EWV	ELECTRIC WATER VALVE	LT	LIGHT	RD	ROOF DRAIN		
		EXC	EXCAVATE	LTWT	LIGHTWEIGHT	RDWY	ROADWAY		
		EXH	EXHAUST	LV	LOUVER VENT	REBAR	REINFORCING STEEL BARS		
		EXP	EXPOSED	LVL	LEVEL(ER)	REC	RECESSED		
		EXPN	EXPANSION	LWC	LIGHTWEIGHT CONCRETE	RECT	RECTANGULAR		
		EXS	EXTRA STRONG	LWIC	LIGHTWEIGHT INSULATING CONCRETE	RECYL	RECYCLING		
		EXT	EXTERIOR			REF	REFERENCE		
		F	FUTURE			REFL	REFLECT(ED), (IVE), (OR)		
		F/F	FACE TO FACE			REFR	REFRIGERATOR		
		FA	FIRE ALARM			REG	REGISTER		
		FAB	FABRIC			REIN	REINFORCED		
		FABD	FIBERBOARD			REMO	REMOVE(ABLE)		
		FBRK	FIRE BRICK			REP	REPAIR		
		FCBRK	FACE BRICK			REPL	REPLACE		
		FD	FLOOR DRAIN			REQD	REQUIRED		
		FDN	FOUNDATION			RESIL	RESILIENT		
		FE	FIRE EXTINGUISHER			RET	RETURN		
		FEC	FIRE EXTINGUISHER CABINET			REV	REVISION(S), REVISED		
		FF	FINISH FLOOR			RF	RESILIENT FLOORING		
		FFA	FROM FLOOR ABOVE			RFM	FROM FLOOR BELOW		
		FFB	FROM FLOOR BELOW			RFH	ROOF HATCH		
		FFEL	FINISHED FLOOR ELEVATION			RGDINS	RIGID INSULATION		
		FFL	FINISHED FLOOR LINE			RH	RIGHT HAND		
		FGL	FIBERGLASS			RHMS	ROUND HEAD MACHINE SCREW		
		FHC	FIRE HOUSE CABINET			RIR	RIGHT HAND REVERSE		
		FHM	FLAT HEAD MACHINE BOLT			RHW	ROUND HEAD WOOD SCREW		
		FHMS	FLAT HEAD MACHINE SCREW			RL	ROOF LEADER		
		FHWS	FLATHEAD WOOD SCREW			RLG	RAILING		
		FIN	FINISH(ED)			RM	ROOM		
		FIT	FLUSH JOINT			RND	ROUND		
		FLSH	FLASHING			RO	ROUGH OPENING		
		FLD	FOLDING			ROW	RIGHT OF WAY		
		FLG	FLOORING			RR	RESTROOM		
		FLR	FLOOR			RS	ROUGH SAWN		
		FLUOR	FLUORESCENT			RTF	RUBBER TILE FLOORING		
		FN	FIELD NAILING			RTU	ROOF TOP UNIT		
		FOB	FACE OF BLOCK			RV	ROOF VENT		
		FOC	FACE OF CONCRETE/CURB			RVL	REVEAL		
		FOF	FACE OF FINISH			RVS	REVERSE (SIDE)		
		FOG	FACE OF GRID			RVT	RIVET(ED)		
		FOM	FACE OF MASONRY			RWD	REDWOOD		
		FOS	FACE OF STUD			RWL	RAIN WATER LEADER		
		FPL	FIREPLACE			S	SOUTH		
		FRF	FIREPROOF(ING)			S2S	SURFACED TWO SIDES		
		FR	FRAMED, (ING)			S4S	SURFACED FOUR SIDES		
		FRG	FIBERGLASS REINFORCED GYPSUM			SA	SUPPLY AIR		
		FRP	FIBERGLASS REINFORCED PLASTIC			NIC	NOT IN CONTRACT		
		FRTW	FIRE RETARDANT TREATED WOOD			SAM	SELF-ADHERED MEMBRANE		
		FRZ	FREEZER			SAT	SUSPENDED ACOUSTICAL TILE		
		FRS	FIRE SPRINKLER			SB	SPLASH BLOCK		
		FS	FAR SIDE			SSBTR	SUBSTRATE		
		FSTN	FASTEN, FASTENER			SC	SOLID CORE		
		FT	FOOT/FEET			SCD	SEAT COVER DISPENSER		
		FTG	FOOTING			SCHED	SCHEDULE		
		FURG	FURRED, (ING)			SCP	SCUPPER		
		FWC	FABRIC WALL COVERING			SCRN	SCREEN		
		G				SD	STORM DRAIN		
		GA	GAUGE			SDBL	SANDBLAST		
		GAL	GALLON			SEC	SECONDS		
		GALV	GALVANIZED			SECT	SECTION		
		GB	GRAB BAR			SEP	SEPERATE OR SEPERATION		
		GFRC	GLASS FIBER REINFORCED CONCRETE			SF	SQUARE FEET, STOREFRONT		
		GI	GALVANIZED IRON			SGL	ON CENTER		
		GL	GLASS			SGL	SINGLE		
		GLULAM	GLUE LAMINATED			SHR	SHOWER		
		GLZ	GLAZING			SHT	SHEET(ING)		
		GLZCMU	GLAZED CONCRETE MASONRY UNIT			SHTG	SHEATHING		
		GND	GROUND			SHV	SHELVING(ING)		
		GPC	GYPSUM PLASTER CEILING			SIM	SIMILAR		
		GR	GRADE			SIM	SIMILAR		
		GRBM	GRADE BEAM			SK	SINK		
		GRLN	GRADE LINE			SKLT	SKYLIGHT		
		GRS	GYPSUM SHEATHING BOARD			SLD	SEALED		
		GSM	GALVANIZED SHEET METAL			SLD	SLIDE(ING)		
		GSS	GALVANIZED STEEL SHEET			SLDR	SOLDER		
		GST	GLAZED STRUCTURAL TILE			SLNT	SEALANT		
		GST	GLAZED STRUCTURAL TILE			SLV	SLEEVE		
		GT	GROUT			SM	SHEET METAL		
		GVL	GRAVEL			SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION		
		GYP	GYPSUM			SMLS	SEAMLESS		
		GYP BD	GYPSUM BOARD			SND	SANITARY NAPKIN DISPENSER		
		H				SNDINS	SOUND INSULATION		
		HB	HOSE BIB			SNDU	SANITARY NAPKIN DISPOSAL UNIT		
		HC	HOLLOW CORE			SNT	SEALANT		
		HD	HEAVY DUTY			SP	SPACES		
		HDAS	HEADED ANCHOR STUD			SPC	SUSPENDED PLASTER CEILING		
		HDT	HEAD JOINT			SPD	SOAP DISPENSER		
		HDR	HEADER			SPEC	SPECIFICATION(S)		
		HDW	HARDWARE			SPT	SUPPORT		
		HDWD	HARDWOOD			SQ	SQUARE		
		HEX	HEXAGONAL			SS	STAINLESS STEEL		
		HGR	HANGER			SSK	SERVICE SINK		
		HLDN	HOLD DOWN						
		HM	HOLLOW METAL						

SYMBOLS LEGEND

	N = PLAN NORTH ARROW ADDITIONAL ARROW INDICATES TRUE NORTH
	X = BUILDING SECTION NUMBER AXX = SHEET NUMBER
	X = WALL SECTION NUMBER AXX = SHEET NUMBER
	X = EXTERIOR ELEVATION NUMBER AXX = SHEET NUMBER
	X = INTERIOR ELEVATION NUMBER AXX = SHEET NUMBER N.S.E.W. = INDICATES CARDINAL DIRECTION
	GRID LINE, FACE OF STRUCTURE
	GRID LINE, CENTER OF STRUCTURE
	ELEVATION OR DATUM POINT
	WORK POINT
	REFERENCE DETAIL DRAWING NUMBER AXX = SHEET NUMBER
	MATCH LINE AND AREA DESIGNATOR SHADED PORTION IS THE SIDE CONSIDERED
	ROOM NAME AREA IDENTIFICATION: A = BUILDING OR AREA DESIGNATION 1 = FLOOR NUMBER 19 = ROOM NUMBER
	DOOR NUMBER, SEE DOOR SCHEDULE
	KEYNOTE 08 = SPECIFICATION DIVISIONAL PREFIX 2 = SPECIFICATION SUBSECTION PREFIX 11 = NOTE NUMBER
	REVISION
	CASEWORK TAG 102 = ARCHITECTURAL WOODWORK STANDARD (AWWS) NUMBER 36" x 24" x 24" = WIDTH x HEIGHT x DEPTH LOCKABLE = MODIFYING NOTE
	PATH OF EGRESS 41 = OCCUPANT LOAD STARTING POINT OF PATH OF TRAVEL TO EXIT MARKED BY DOT AT THE BEGINNING OF EGRESS LINE
	PANIC HARDWARE DEVICE - REFERENCE DOOR SCHEDULE AND HARDWARE GROUP
	SIGNAGE TAG

MATERIALS LEGEND

	EARTH		BATT INSULATION
	POROUS FILL (STONE, GRAVEL, ETC.)		RIGID INSULATION
	CONCRETE		GYPSUM BOARD
	GROUT		PLYWOOD
	STEEL		METAL LATH AND PLASTER
	FINISHED WOOD		
	TERRAZZO		
	WOOD BLOCKING		
	WOOD FRAMING		

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NO.	REMARKS	DATE

- DRAWING STATUS
- PLAN CHECK
 - BACK CHECK
 - BIDDING
 - CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

CONSTRUCTION DOCUMENTS

AQUATIC FACILITIES
RENOVATION &
REPLACEMENT -
CITY PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

ARCHITECTURAL
SYMBOLS AND
ABBREVIATIONS

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A0.3
Drawn Author	Checked Checker

**TABLE 5.504.4.5
FORMALDEHYDE LIMITS¹**
MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION

PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD (*2)	0.13

1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. FOR ADDITIONAL INFORMATION, SEE CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH 93120.12.

2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8MM).

EV PARKING REQUIREMENT

5.106.5.3 ELECTRIC VEHICLE (EV) CHARGING. [N] CONSTRUCTION TO PROVIDE ELECTRIC VEHICLE INFRASTRUCTURE AND FACILITIES ELECTRIC VEHICLE CHARGING SHALL COMPLY WITH SECTION 5.106.5.3.1 AND SHALL BE PROVIDED IN ACCORDANCE WITH REGULATIONS IN THE CALIFORNIA BUILDING CODE AND THE CALIFORNIA ELECTRIC CODE.

EXCEPTIONS:

- ON A CASE-BY-CASE BASIS WHERE THE LOCAL ENFORCING AGENCY HAS DETERMINED COMPLIANCE WITH THIS SECTION IS NOT FEASIBLE BASED UPON ONE OF THE FOLLOWING CONDITIONS:
 - WHERE THERE IS NO LOCAL UTILITY POWER SUPPLY
 - WHERE THE LOCAL UTILITY IS UNABLE TO SUPPLY ADEQUATE POWER.
 - WHERE THERE IS EVIDENCE SUITABLE TO THE LOCAL ENFORCEMENT AGENCY SUBSTANTIATING THE LOCAL UTILITY INFRASTRUCTURE DESIGN REQUIREMENTS, DIRECTLY RELATED TO THE IMPLEMENTATION OF SECTION 5.106.5.3, MAY ADVERSELY IMPACT THE CONSTRUCTION COST OF THE PROJECT.
- PARKING SPACES ACCESSIBLE ONLY BY AUTOMATED MECHANICAL CAR PARKING SYSTEMS ARE NOT REQUIRED TO COMPLY WITH THIS CODE SECTION

5.106.5.3.1 EV CAPABLE SPACES.
[N] EV CAPABLE SPACES SHALL BE PROVIDED IN ACCORDANCE WITH TABLE 5.106.5.3.1 AND THE FOLLOWING REQUIREMENTS:

- RACEWAYS COMPLYING WITH THE CALIFORNIA ELECTRIC CODE AND NO LESS THAN 100MM (25 MM) DIAMETER SHALL BE PROVIDED AND SHALL ORIGINATE AT A SERVICE PANEL OR A SUBPANEL(S) SERVING THE AREA, AND SHALL TERMINATE IN CLOSE PROXIMITY TO THE PROPOSED LOCATION OF THE EV CAPABLE AND INTO A SUITABLE LISTED CABINET, BOX, ENCLOSURE OR EQUIVALENT. A COMMON RACEWAY WAY BE USED TO SERVE MULTIPLE EV CHARGING SPACES.
- A SERVICE PANEL OR SUBPANEL(S) SHALL BE PROVIDED WITH THE PANEL SPACE AND ELECTRICAL LOAD CAPACITY FOR A DEDICATED 208/240 VOLT, 40-AMPERE MINIMUM BRANCH CIRCUIT FOR EACH EV CAPABLE SPACES, WITH DELIVERY OF 30-AMPERE MINIMUM TO AN INSTALLED EVSE AT EACH EVCS.
- THE ELECTRICAL SYSTEM AND ANY ON-SITE DISTRIBUTION TRANSFORMERS SHALL SUFFICIENT CAPACITY TO SUPPLY FULL RATED AMPERAGE AT EACH EV CAPABLE SPACE.
- THE SERVICE PANEL OR SUBPANEL, CIRCUIT DIRECTORY SHALL IDENTIFY THE RESERVED OVERCURRENT PROTECTIVE DEVICES SPACE(S) AS "EV CAPABLE". THE RACEWAY TERMINATION LOCATION SHALL BE PERMANENTLY AND VISIBLY MARKED AS "EV CAPABLE."

NOTE: A PARKING SPACE SERVED BY ELECTRICAL VEHICLE SUPPLY EQUIPMENT OR DESIGNED AS A FUTURE EV CHARGING SPACE SHALL COUNT AS AT LEAST ONE STANDARD AUTOMOBILE PARKING SPACE ONLY FOR THE PURPOSE OF COMPLYING WITH ANY APPLICABLE MINIMUM PARKING SPACE REQUIREMENTS ESTABLISHED BY AN ENFORCEMENT AGENCY. SEE VEHICLE CODE SECTION 22511.2 FOR FURTHER DETAILS.

TOTAL NUMBER OF ACTUAL PARKING SPACES	NUMBER OF REQUIRED EV CHARGING SPACES	NUMBER OF EVCS (EV CAPABLE OF SPACES PROVIDED WITH EVSE) ²
0-9	0	0
10-25	2	0
26-50	8	2
51-75	13	3
76-100	17	4
101-150	25	6
151-200	35	9
201 AND OVER	20% OF TOTAL ¹	25% OF EV CAPABLE SPACES ³

1. WHERE THERE IS INSUFFICIENT ELECTRICAL SUPPLY.
2. THE NUMBER OF REQUIRED EVCS (EV CAPABLE SPACES PROVIDED WITH EVSE) IN COLUMN 3 COUNT TOWARDS THE TOTAL NUMBER OF REQUIRED EV CAPABLE SPACES SHOWN IN COLUMN 2.

**TABLE 5.106.8 [N]
MAXIMUM ALLOWABLE BACKLIGHT,
UPLIGHT AND GLARE (BUG) RATINGS^{1,2}**

ALLOWABLE RATING	LIGHTING ZONE L20	LIGHTING ZONE L21	LIGHTING ZONE L22	LIGHTING ZONE L23	LIGHTING ZONE L24
MAXIMUM ALLOWABLE BACKLIGHT RATING (B)					
LUMINAIRE GREATER THAN 2 MOUNTING HEIGHTS (MH) FROM PROPERTY LINE	N/A	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
LUMINAIRE BACK HEMISPHERE IS 1 - 2 MH FROM PROPERTY LINE	N/A	B2	B3	B4	B4
LUMINAIRE BACK HEMISPHERE IS 0.5 - 1 MH FROM PROPERTY LINE	N/A	B1	B2	B3	B3
LUMINAIRE BACK HEMISPHERE IS LESS THAN 0.5 MH FROM PROPERTY LINE	N/A	B0	B0	B1	B2
MAXIMUM ALLOWABLE UPLIGHT RATING (U)					
FOR AREA LIGHTING ³	N/A	U0	U0	U0	U0
FOR ALL OTHER OUTDOOR LIGHTING, INCLUDING DECORATIVE LUMINAIRES	N/A	U1	U2	U3	U4
MAXIMUM ALLOWABLE GLARE RATING (G)					
LUMINAIRE GREATER THAN 2 MH FROM PROPERTY LINE	N/A	G1	G2	G3	G4
LUMINAIRE FRONT HEMISPHERE IS 1- 2MH FROM PROPERTY LINE	N/A	G0	G1	G1	G2
LUMINAIRE FRONT HEMISPHERE IS 0.5 - 1 MH FROM PROPERTY LINE	N/A	G0	G0	G1	G1
LUMINAIRE BACK HEMISPHERE IS LESS THAN 0.5 MH FROM PROPERTY LINE	N/A	G0	G0	G0	G1

- IESNA LIGHTING ZONES 0 AND 5 ARE NOT APPLICABLE; REFER TO LIGHTING ZONES AS DEFINED IN THE CALIFORNIA ENERGY CODE AND CHAPTER 10 OF THE CALIFORNIA ADMINISTRATIVE CODE.
- FOR PROPERTY LINES THAT ABUT PUBLIC WALKWAYS, BIKEWAYS, PLAZAS AND PARKING LOTS, THE PROPERTY LINE MAY BE CONSIDERED TO BE 5 FEET BEYOND THE ACTUAL PROPERTY LINE FOR PURPOSE OF DETERMINING COMPLIANCE WITH THIS SECTION. FOR PROPERTY LINES THAT ABUT PUBLIC ROADWAYS AND PUBLIC TRANSIT CORRIDORS, THE PROPERTY LINE MAY BE CONSIDERED TO BE THE CENTERLINE OF THE PUBLIC ROADWAY OR PUBLIC CORRIDOR FOR THE PURPOSE OF DETERMINING COMPLIANCE WITH THIS SECTION.
- GENERAL LIGHTING LUMINAIRES IN AREAS SUCH AS OUTDOOR PARKING, SALES OR STORAGE LOTS SHALL MEET THESE REDUCED RATINGS. DECORATIVE LUMINAIRES LOCATED IN THESE AREAS SHALL MEET U-VALUE LIMITS FOR "ALL OTHER OUTDOOR LIGHTING."

**TABLE 5.504.4.3
VOC CONTENT LIMITS FOR
ARCHITECTURAL COATINGS^{2,3}**
GRAMS OF VOC PER LITER OF COATING, LESS WATER AND LESS EXEMPT COMPOUNDS

COATING CATEGORY	CURRENT LIMIT
FLAT COATINGS	50
NONFLAT COATINGS	100
NONFLAT HIGH GLOSS COATINGS	150
SPECIALTY COATINGS	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH-TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS (*1)	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS AND UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS: CLEAR OPAQUE	730 550
SPECIALTY PRIMERS, SEALERS AND UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB AND TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

ARCHITECTURAL APPLICATIONS	CURRENT VOC LIMIT
INDOOR CARPET ADHESIVES	50
CARPET PAD ADHESIVES	50
OUTDOOR CARPET ADHESIVES	150
WOOD FLOORING ADHESIVE	100
RUBBER FLOOR ADHESIVES	60
SUBFLOOR ADHESIVES	50
CERAMIC TILE ADHESIVES	65
VCT AND ASPHALT TILE ADHESIVES	50
DRYWALL AND PANEL ADHESIVES	50
COVE BASE ADHESIVES	50
MULTIPURPOSE CONSTRUCTION ADHESIVES	70
STRUCTURAL GLAZING ADHESIVES	100
SINGLE-PLY ROOF MEMBRANE ADHESIVES	250
OTHER ADHESIVE NOT SPECIFICALLY LISTED	50
SPECIALTY APPLICATIONS	
PVC WELDING	510
CPVC WELDING	490
ABS WELDING	325
PLASTIC CEMENT WELDING	250
ADHESIVE PRIMER FOR PLASTIC	550
CONTACT ADHESIVE	80
SPECIAL PURPOSE CONTACT ADHESIVE	250
STRUCTURAL WOOD MEMBER ADHESIVE	140
TOP AND TRIM ADHESIVE	250
SUBSTRATE SPECIFIC APPLICATIONS	
METAL TO METAL	30
PLASTIC FOAMS	50
POROUS MATERIAL (EXCEPT WOOD)	50
WOOD	30
FIBERGLASS	80

1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.

2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168, <http://www.arb.ca.gov/DRDB/SCQRH/TMLR1168.PDF>

**TABLE 5.504.4.2
SEALANT VOC LIMIT**
LESS WATER AND LESS EXEMPT COMPOUNDS IN GRAMS PER LITER

SEALANTS	CURRENT VOC LIMIT
ARCHITECTURAL	250
MARINE DECK	760
NONMEMBRANE ROOF	300
ROADWAY	250
SINGLE-PLY ROOF MEMBRANE	450
OTHER	420
SEALANTS PRIMERS	
ARCHITECTURAL	250
NONPOROUS	775
MODIFIED BITUMINOUS	500
MARINE DECK	760
OTHER	750

NOTE: FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

**APPLICABLE GENERAL NOTES
2022 CALGREEN BUILDING STANDARDS CODE**

AS ADOPTED BY DSA-SS
BASED ON DSA GL-4 (REV. 07/28/20)

CHAPTER 3 - GREEN BUILDING

SECTION 301 - GENERAL

301.1 SCOPE

BUILDINGS SHALL BE DESIGNED TO INCLUDE THE GREEN BUILDING MEASURES SPECIFIED AS MANDATORY IN THE APPLICATION CHECKLISTS CONTAINED IN THIS CODE. VOLUNTARY GREEN BUILDING MEASURES ARE ALSO INCLUDED IN THE APPLICATION CHECKLISTS AND MAY BE INCLUDED IN THE DESIGN AND CONSTRUCTION OF STRUCTURES COVERED BY THIS CODE, BUT ARE NOT REQUIRED UNLESS ADOPTED BY A CITY, COUNTY, OR CITY AND COUNTY AS SPECIFIED IN SECTION 101.7.

301.3 NONRESIDENTIAL ADDITIONS AND ALTERATIONS. (BSC-CG) THE PROVISIONS OF INDIVIDUAL SECTIONS OF CHAPTER 5 APPLY TO NEWLY CONSTRUCTED BUILDINGS, BUILDING ADDITIONS OF 1,000 SQUARE FEET OR GREATER, AND/OR BUILDING ALTERATIONS WITH A PERMIT VALUATION OF \$200,000 OR ABOVE, (FOR OCCUPANCIES WITHIN ALTERATIONS SHALL ONLY APPLY TO THE PORTIONS OF THE BUILDING BEING ADDED OR ALTERED WITHIN THE SCOPE OF PERMITTED WORK.

A CODE SECTION WILL BE DESIGNATED BY A BANNER TO INDICATE WHERE THE CODE SECTION ONLY APPLIES TO BEWILY CONSTRUCTED BUILDING [N] OR TO ADDITION AND/OR ALTERATIONS [A], WHEN THE CODE SECTION APPLIES TO BOTH, NO BANNER WILL BE USED.

301.3.1 NONRESIDENTIAL ADDITIONS AND ALTERATIONS THAT CAUSE UPDATED TO PLUMBING FIXTURES ONLY:

NOTE: ON AND AFTER JANUARY 1, 2014, CERTAIN COMMERCIAL REAL PROPERTY, AS DEFINED IN CIVIL CODE SECTION PLUMBING FIXTURES UNDER SPECIFIC CIRCUMSTANCES. SEE CIVIL CODE SECTION 1101.3, SHALL HAVE ITS NONCOMPLIANT PLUMBING FIXTURES REPLACES WITH APPROPRIATE WATER-CONSERVING TYPES OF COMMERCIAL REAL PROPERTY AFFECTED, EFFECTIVE DATES, CIRCUMSTANCES, NECESSITATING REPLACEMENT OF NONCOMPLIANT PLUMBING FIXTURES, AND DUTIES AND RESPONSIBILITIES FOR ENSURING COMPLIANCE.

301.3.2 WASTE DIVERSION: THE REQUIREMENTS OF SECTION 5.408 SHALL BE REQUIRED FOR ADDITIONS AND ALTERATIONS WHENEVER A PERMIT IS REQUIRED FOR WORK.

CALGREEN CODE - MANDATORY MEASURES CHECKLIST

BASED ON DSA GL-4 (REV. 07/28/20) ATTACHMENT 1, AND CALGREEN VERIFICATION GUIDELINES - MANDATORY MEASURES CHECKLIST, BSC CG-200 (REV. 01/23)

Y = YES (SECTION HAS BEEN SELECTED AND/OR INCLUDED)
N/A = NOT APPLICABLE (CODE SECTION DOES NOT APPLY TO THE PROJECT)
O = OTHER (PROVIDE EXPLANATION)

CHAPTER 5 DIVISIONS	SECTION TITLE	CODE SECTION	Y	N/A	O	PLAN SHEET, SPEC. OR ATTACHED REFERENCE
DIVISION 5.1 PLANNING AND DESIGN	SHORT TERM BICYCLE PARKING	5.106.4.2.1	X			SITE PLAN - A1.1
	LONG TERM BICYCLE PARKING	5.106.4.2.2	X			EQUIPMENT PLAN - A2.3
	ELECTRIC VEHICLE (EV) CHARGING (SEE TABLE 5.106.5.3.1)	5.106.5.3				
	EV CAPABLE SPACES	5.106.5.3.1				
	ELECTRIC VEHICLE CHARGING STATIONS (EVCS)	5.106.5.3.2				
	IDENTIFICATION	5.106.5.3.4				
	LIGHT POLLUTION REDUCTION (SEE ALSO TABLE 5.106.8 - MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT, AND GLARE (BUG) RATINGS)	5.106.8		X		CONFIRM SHEET OR SPEC WITH ELECTRICAL
	GRADING AND PAVING	5.106.10		X		SITE IMPROVEMENT PLAN - C2.0
	SHADE TREES	5.106.12		X		CONFIRM SHEET OR SPEC WITH LANDSCAPE
	SURFACE PARKING AREAS	5.106.12.1		X		CONFIRM SHEET OR SPEC WITH LANDSCAPE
LANDSCAPE AREAS		5.106.12.2		X		CONFIRM SHEET OR SPEC WITH LANDSCAPE
	HARDSCAPE AREAS	5.106.12.3		X		CONFIRM SHEET OR SPEC WITH LANDSCAPE
DIVISION 5.2 ENERGY EFFICIENCY	CALIFORNIA ENERGY CODE	5.201.1		X		CONFIRM SHEET OR SPEC WITH ELECTRICAL
DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION	WATER CLOSETS	5.303.3.1		X		CONFIRM SHEET OR SPEC WITH PLUMBING
	WALL-MOUNTED URINALS	5.303.3.2.1		X		CONFIRM SHEET OR SPEC WITH PLUMBING
	FLOOR-MOUNTED URINALS	5.303.3.2.2			X	
	SINGLE SHOWERHEAD	5.303.3.3.1			X	
	MULTIPLE SHOWERHEADS SERVING ONE SHOWER	5.303.3.3.2			X	
	NONRESIDENTIAL LAVATORY FAUCETS	5.303.3.4.1			X	CONFIRM SHEET OR SPEC WITH PLUMBING
	KITCHEN FAUCETS	5.303.3.4.2			X	
	WASH FOUNTAINS	5.303.3.4.3			X	
	METERING FAUCETS	5.303.3.4.4			X	CONFIRM SHEET OR SPEC WITH PLUMBING
	METERING FAUCETS FOR WASH FOUNTAINS	5.303.3.4.5			X	
DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY	STANDARDS FOR PLUMBING FIXTURES AND FITTINGS	5.303.6		X		CONFIRM SHEET OR SPEC WITH PLUMBING
	NEWLY CONSTRUCTED LANDSCAPES	5.304.6.1			X	CONFIRM SHEET OR SPEC WITH LANDSCAPE
	REHABILITATED LANDSCAPES	5.304.6.2			X	CONFIRM SHEET OR SPEC WITH LANDSCAPE
	WEATHER PROTECTION	5.407.1			X	EXT. ELEVS - A5.1, A5.2
	SPRINKLERS	5.407.2.1			X	CONFIRM SHEET OR SPEC WITH LANDSCAPE
	EXTERIOR DOOR PROTECTION	5.407.2.2.1			X	RCP - A3.1
	FLASHING	5.407.2.2.2			X	DOOR AND WINDOW DETAILS - A10.8
	CONSTRUCTION WASTE MANAGEMENT PLAN	5.408.1.1			X	TO BE COMPLETED BY CONTRACTOR
	WASTE MANAGEMENT COMPANY	5.408.1.2			X	TO BE COMPLETED BY CONTRACTOR
	WASTE STREAM REDUCTION ALTERNATIVE	5.408.1.3			X	TO BE COMPLETED BY CONTRACTOR
DIVISION 5.5 ENVIRONMENTAL QUALITY	DOCUMENTATION	5.408.1.4			X	TO BE COMPLETED BY CONTRACTOR
	RECYCLING BY OCCUPANTS	5.410.1			X	TO BE COMPLETED BY OWNER
	RECYCLING BY OCCUPANTS: SAMPLE ORDINANCE	5.410.1.2			X	TO BE COMPLETED BY OWNER
	COVERING OF DUCTS OPENINGS AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION	5.504.3			X	TO BE COMPLETED BY CONTRACTOR
	ADHESIVES, SEALANTS AND CAULKS (SEE ALSO TABLES 5.504.4.1 - ADHESIVE VOC LIMIT AND 5.504.4.2 - SEALANT VOC LIMIT)	5.504.4.1			X	SEE SPECS - 079200 JOINT SEALANTS
	PAINTS AND COATINGS (SEE ALSO TABLE 5.504.4.3 VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS)	5.504.4.3			X	SEE SPECS - 099100 PAINTING
	AEROSOL PAINTS AND COATINGS	5.504.4.3.1			X	SEE SPECS - 099100 PAINTING
	CARPET SYSTEMS	5.504.4.4			X	SEE SPECS - 096813 TILE CARPETING
	CARPET CUSHION	5.504.4.4.1			X	
	CARPET ADHESIVE	5.504.4.4.2			X	SEE SPECS - 096813 TILE CARPETING
COMPOSITE WOOD PRODUCTS (SEE ALSO TABLE 5.504.4.5 - FORMALDEHYDE LIMITS)	5.504.4.5			X	SEE SPECS - 064023 INTERIOR ARCHITECTURAL WOODWORK	
RESILIENT FLOORING SYSTEMS	5.504.4.6			X	SEE SPECS - 096519 RESILIENT TILE FLOORING	
FILTERS	5.504.5.3				CONFIRM SHEET OR SPEC WITH MECHANICAL	
INDOOR MOISTURE CONTROL	5.505.1				CONFIRM SHEET OR SPEC WITH MECHANICAL	
OUTSIDE AIR DELIVERY	5.506.1				CARBON DIOXIDE (CO2) MONITORING IN CLASSROOMS - 5.506.3	
ACOUSTICAL CONTROL	5.507.4			X		
EXTERIOR NOISE TRANSMISSION, PRESCRIPTIVE METHOD	5.507.4.1			X		
NOISE EXPOSURE WHERE NOISE CONTOURS ARE NOT READILY AVAILABLE	5.507.4.1.1			X	WALL TYPES - A10.1	
PERFORMANCE METHOD	5.507.4.2			X		
SITE FEATURES	5.507.4.2.1			X		
DOCUMENTATION OF COMPLIANCE	5.507.4.2.2			X		
INTERIOR SOUND TRANSMISSION	5.507.4.3			X	WALL TYPES - A10.1	
CHLOROFLUOROCARBONS (CFCs)	5.508.1.1				CONFIRM SHEET OR SPEC WITH MECHANICAL	
HALONS	5.508.1.2				CONFIRM SHEET OR SPEC WITH MECHANICAL	

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NO.	REMARKS	DATE

- REVISION HISTORY
- DATE
-

11B-208.2 MINIMUM NUMBER	ACC. PATH OF TRAVEL	ACCESSIBLE PARKING	KEYNOTES																								
<p>PARKING SPACES COMPLYING WITH SECTION 11B-802 SHALL BE PROVIDED IN ACCORDANCE WITH TABLE 11B-208.2 EXCEPT AS REQUIRED BY SECTIONS 11B-208.2.1, 11B-208.2.2 AND 11B-208.2.3. WHERE MORE THAN ONE PARKING FACILITY IS PROVIDED ON A SITE, THE NUMBER OF ACCESSIBLE SPACES PROVIDED ON THE SITE SHALL BE CALCULATED ACCORDING TO THE NUMBER OF SPACES REQUIRED FOR EACH PARKING FACILITY.</p> <p>TABLE 11B-208.2 PARKING SPACES</p> <table border="1"> <thead> <tr> <th>TOTAL NUMBER OF PARKING SPACES PROVIDED IN PARKING FACILITY</th> <th>MINIMUM NUMBER OF REQUIRED ACCESSIBLE PARKING SPACES</th> </tr> </thead> <tbody> <tr><td>1 TO 25</td><td>1</td></tr> <tr><td>26 TO 50</td><td>2</td></tr> <tr><td>51 TO 75</td><td>3</td></tr> <tr><td>76 TO 100</td><td>4</td></tr> <tr><td>101 TO 150</td><td>5</td></tr> <tr><td>151 TO 200</td><td>6</td></tr> <tr><td>201 TO 300</td><td>7</td></tr> <tr><td>301 TO 400</td><td>8</td></tr> <tr><td>401 TO 500</td><td>9</td></tr> <tr><td>501 TO 1000</td><td>2 PERCENT OF TOTAL</td></tr> <tr><td>1001 AND OVER</td><td>20, PLUS 1 FOR EACH 100, OR FRACTION THEREOF, OVER 1000</td></tr> </tbody> </table>	TOTAL NUMBER OF PARKING SPACES PROVIDED IN PARKING FACILITY	MINIMUM NUMBER OF REQUIRED ACCESSIBLE PARKING SPACES	1 TO 25	1	26 TO 50	2	51 TO 75	3	76 TO 100	4	101 TO 150	5	151 TO 200	6	201 TO 300	7	301 TO 400	8	401 TO 500	9	501 TO 1000	2 PERCENT OF TOTAL	1001 AND OVER	20, PLUS 1 FOR EACH 100, OR FRACTION THEREOF, OVER 1000	<p>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.</p>	<p>BASED ON CBC TABLE 11B-208.2 "PARKING SPACES"</p> <p>STANDARD PARKING PROVIDED: 7 STALLS ACCESSIBLE PARKING PROVIDED: 1 VAN STALLS TOTAL PARKING PROVIDED: 8 STALLS</p> <p>BICYCLE STORAGE CALCS</p> <p>BASED ON 2022 CAL. GREEN BUILDING STANDARDS CODE SECTION 5.106.4.1 BICYCLE PARKING</p> <p>5.106.4.1.1 SHORT TERM BICYCLE PARKING REQUIRED: PERMANENTLY ANCHORED BICYCLE RACKS WITHIN 200 FEET OF VISITOR'S ENTRANCE. 5% OF (N) PARKING SPACES WITH A MINIMUM OF (1) TWO-BIKE CAPACITY RACK PROVIDED: 2-BIKE CAPACITY RACK</p> <p>5.106.4.2.2 LONG TERM BICYCLE PARKING REQUIRED: NEW BUILDINGS WITH 10 OR MORE OCCUPANTS. SECURED BICYCLE PARKING FOR 5% OF (N) PARKING SPACES WITH A MINIMUM OF (1) BICYCLE PARKING FACILITY PROVIDED: 2-BIKE CAPACITY STORAGE, PERMANENTLY ANCHORED</p>	<p>NUMBER NOTE</p> <p>03 306 CONCRETE CURB, 6" HIGH (SEE CIVIL DWGS.) 03 407 A.C. PAVING (SEE CIVIL DWGS.) 05 701 ORNAMENTAL FENCE MATCH GATE HEIGHT (SEE DETAIL 1/A10.2.3) 05 702 ORNAMENTAL GATE (SEE DETAIL 13/A10.2.3) 05 703 ORNAMENTAL DOUBLE GATE (SEE DETAIL 4/A10.2.4) 10 120 ACCESSIBLE PARKING SIGNAGE (SEE CIVIL DETAIL 5/C5.0) 13 153 SPRAYGROUND, SEE POOL DWGS 32 104 METAL 78" CORRUGATED PANEL 32 173 PLAY COURT STRIPING 32 176 ACCESSIBLE CURB RAMP WITH TRUNCATED DOMES 32 181 INTERNATIONAL SYMBOL OF ACCESSIBILITY 32 212 SECURED BICYCLE PARKING 32 213 BICYCLE RACKS (SEE DETAIL 7/A10.10.4) 32 221 CHAIN LINK FENCE (SEE DETAIL 2/A10.2.3) 32 222 CHAIN LINK GATE (SEE DETAIL 3/A10.2.3) 32 258 VEHICLE GATES (SEE CIVIL DRAWINGS)</p>
TOTAL NUMBER OF PARKING SPACES PROVIDED IN PARKING FACILITY	MINIMUM NUMBER OF REQUIRED ACCESSIBLE PARKING SPACES																										
1 TO 25	1																										
26 TO 50	2																										
51 TO 75	3																										
76 TO 100	4																										
101 TO 150	5																										
151 TO 200	6																										
201 TO 300	7																										
301 TO 400	8																										
401 TO 500	9																										
501 TO 1000	2 PERCENT OF TOTAL																										
1001 AND OVER	20, PLUS 1 FOR EACH 100, OR FRACTION THEREOF, OVER 1000																										

NAME	TOTAL AREA (S.F.)
FACILITIES BUILDING	2,239 SF
POOL	2,293 SF
SPRAY GROUND	740 SF
TOTAL AREA	5,271 SF

BUILDING NAME	FACILITIES BUILDING
BUILDING CONDITION	NEW
OCCUPANCY (CBC SECTION 302)	B/S1
BUILDING HEIGHT	16'-8"
NUMBER OF STORIES	1
TYPE OF CONSTRUCTION	V-B
SPRINKLERS	NO
ALTERNATIVE PROTECTION (CBC 903.1.1)	NOT USED
SEPARATED? (CBC TABLE 508.4)	NO
ALLOWABLE BUILDING HEIGHT (CBC TABLE 504.3)	40'
ALLOWABLE NUMBER OF STORIES (CBC TABLE 504.4)	1

NO.	REMARKS	DATE

GENERAL NOTES

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

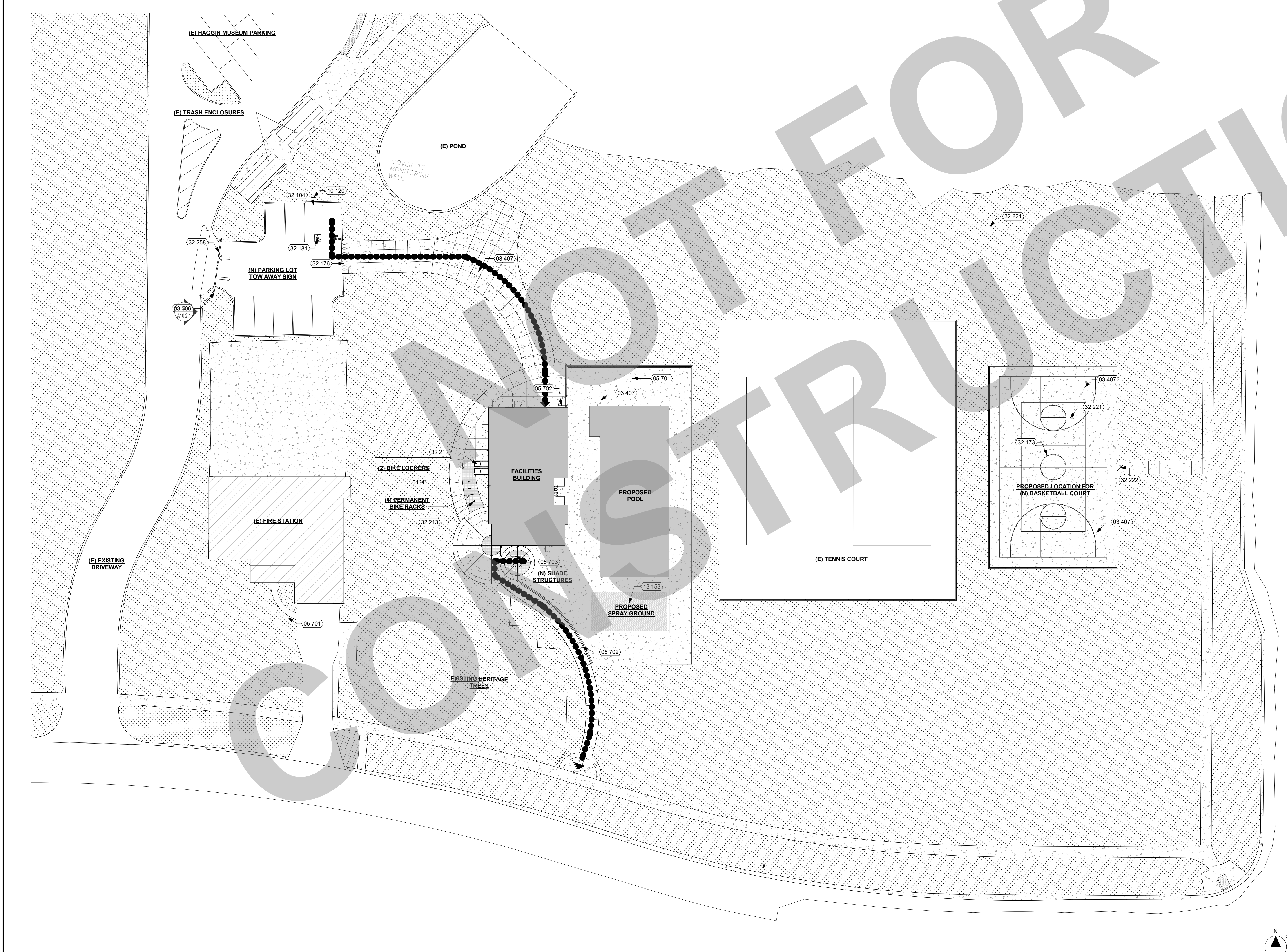
BUILDING
1. ALL EXTERIOR OUTWARD SWINGING DOORS TO HAVE A MINIMUM 5'-0" LEVEL LANDING.
2. ALL BUILDING ENTRANCES AND EXTERIOR GROUND LEVEL EXITS SHALL BE ACCESSIBLE.

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 EXT. DOOR REQUIREMENTS WITH PROPER ACCESSIBLE LEVER HARDWARE AND KICK PLATES.

LEGEND

- (E) BUILDING, NOT UNDER SCOPE OF WORK
- BUILDING UNDER SCOPE OF WORK
- 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



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KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

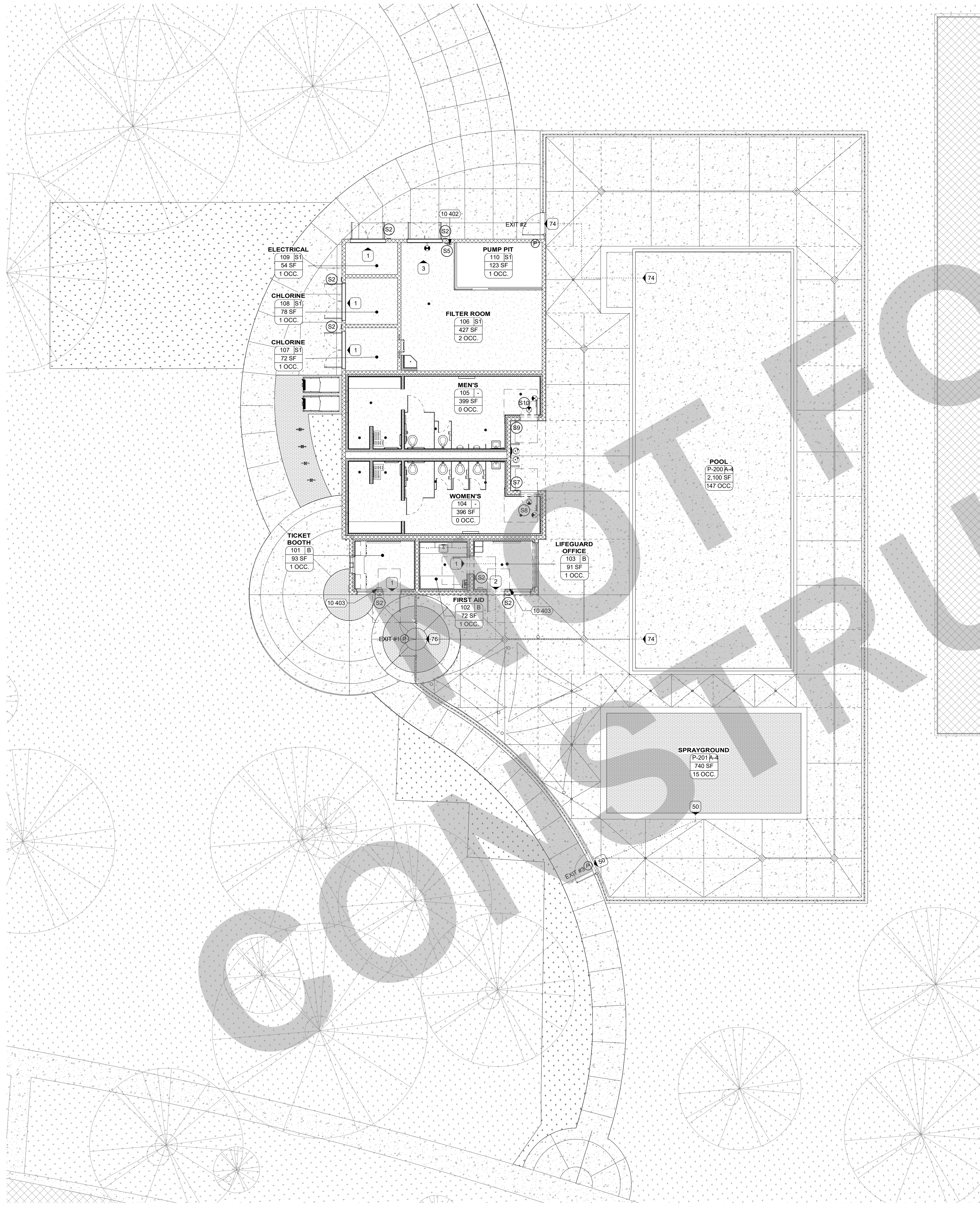
CONSTRUCTION DOCUMENTS

AQUATIC FACILITIES RENOVATION & REPLACEMENT -
CITY PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

CODE ANALYSIS SITE PLAN

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A0.5
Drawn Author	Checked Checker

PRINT DATE: 7/18/2023 10:38 PM
FILE PATH: C:\Users\dwain\OneDrive - BCA Architects, Inc\Documents\22009-Victory Park Pool-Bldg-A01_Drawing\A0.5.dwg



OCCUPANT LOAD CHART

ROOM NUMBER	ROOM NAME	FUNCTION OF SPACE (CBC TABLE 1004.1.2)	SQ. FT. (NET)	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
101	TICKET BOOTH	Business Areas	93 SF	150	1
102	FIRST AID	Business Areas	72 SF	150	1
103	LIFEGUARD OFFICE	Business Areas	91 SF	150	1
104	WOMEN'S	(none)	396 SF		
105	MEN'S	(none)	399 SF		
106	FILTER ROOM	Accessory Storage Areas, Mechanical Equipment Room	427 SF	300	2
107	CHLORINE	Accessory Storage Areas, Mechanical Equipment Room	72 SF	300	1
108	CHLORINE	Accessory Storage Areas, Mechanical Equipment Room	78 SF	300	1
109	ELECTRICAL	Accessory Storage Areas, Mechanical Equipment Room	54 SF	300	1
110	PUMP PIT	Accessory Storage Areas, Mechanical Equipment Room	123 SF	300	1
P-200	POOL	Skating and Swimming - Rink and Pool	2,100 SF	50	42
P-201	SPRAYGROUND	Skating and Swimming - Rink and Pool	740 SF	50	15
			4,646 SF		66

KEYNOTES

NUMBER	NOTE
10 402	FIRE EXTINGUISHER (2A-10B-C) IN SURFACE-MOUNTED CABINET (SEE DETAIL 1/A10.10.3)
10 403	FIRE EXTINGUISHER (2A-10B-C) IN SEMI-RECESSED CABINET (SEE DETAIL 1/A10.10.3)

OCCUPANCY CLASS

ROOM #	ROOM NAME	OCCUPANCY CLASS	SQ. FT. (NET)
104	WOMEN'S	-	396 SF
105	MEN'S	-	399 SF
			755 SF
P-200	POOL	A-4	2,100 SF
P-201	SPRAYGROUND	A-4	740 SF
A-4			2,841 SF
101	TICKET BOOTH	B	93 SF
102	FIRST AID	B	72 SF
103	LIFEGUARD OFFICE	B	91 SF
B			257 SF
106	FILTER ROOM	S1	427 SF
107	CHLORINE	S1	72 SF
108	CHLORINE	S1	78 SF
109	ELECTRICAL	S1	54 SF
110	PUMP PIT	S1	123 SF
S1			754 SF
TOTAL AREA (NET)			4,646 SF

GENERAL NOTES

- WHERE OCCUPANT LOAD SIGN IS REQUIRED, THE SIGN SHALL BE POSTED NEAR THE MAIN EXIT FROM THE ROOM.
- AREAS HAVING FIXED SEATING AND AISLES SHALL BE DETERMINED BY THE NUMBER OF FIXED SEATS INSTALLED THEREIN, CBC SECTION 1004.4.
- REQUIRED MEANS OF EGRESS SHALL BE MAINTAINED DURING CONSTRUCTION AND DEMOLITION PER CFC 3311.2.
- MEANS OF EGRESS ILLUMINATION SHALL BE PROVIDED PER CFC 1013.3.
- NUMBER OF EXITS SHOWN COMPLY WITH THE MINIMUM REQUIREMENTS SET FORTH IN CBC SECTION 1006.2. WHEN THERE ARE MORE THAN ONE REQUIRED EXIT, THE EXITS SHALL BE LOCATED PER SECTION 1007.1.1. SEE CALCULATIONS BELOW.
- NO EXIT DOOR SHALL BE LESS THAN 32" CLEAR WIDTH.

EXIT WIDTH CALCULATIONS

NOTE: EXIT WIDTH CALCULATIONS ARE PER CBC 1006.3.2. IF CALCULATED EXITING WIDTH IS LESS THAN 32", THEN 32" IS USED AS THE MINIMUM VALUE PER CBC 11B-403.5.1 (EXCEPTION 1). REFER TO "EXIT WIDTH PROVIDED" COLUMN BELOW AND DOOR SCHEDULE ON SHEET A9.1 FOR MORE INFORMATION.

MARK	DOOR WIDTH	EXITING OCCUPANTS	MINIMUM EXIT WIDTH REQUIRED (EXITING OCCUPANTS * 2)	EXIT WIDTH PROVIDED
A101A	3'-0"	1	32"	32"
A102A	3'-0"	1	32"	32"
A103A	3'-0"	1	32"	32"
A104A	3'-0"	0	32"	32"
A105A	3'-0"	0	32"	32"
A106A	6'-0"	1	68"	68"
A107A	6'-4"	1	32"	72"
A108A	6'-4"	1	32"	72"
A109A	6'-0"	1	68"	68"

EXIT	EXIT WIDTH REQUIRED	EXIT WIDTH PROVIDED
EXIT #1 - GATE G101	76" X 2 = 32"	72"
EXIT #2 - GATE G102	74" X 2 = 32"	48"
EXIT #3 - GATE G103	50" X 2 = 32"	48"

SIGNAGE LEGEND

- (S1) ACCESSIBILITY SIGNAGE, SEE DETAIL 9 / A10.10.1
- (S2) ROOM ID SIGNAGE, SEE DETAIL 12 / A10.10.1
- (S3) ABOVE DOOR SIGNAGE, SEE DETAIL 10 / A10.10.1
- (S4) EXIT SIGNAGE, SEE DETAIL 13 / A10.10.1
- (S5) EXIT ROUTE SIGNAGE, SEE DETAIL 14 / A10.10.1
- (S6) MAXIMUM OCCUPANCY SIGNAGE, SEE DETAIL 19 / A10.10.1
- (S7) WOMEN WALL MOUNTED SIGNAGE, SEE DETAIL 16 / A10.10.1
- (S8) WOMEN DOOR SIGNAGE, SEE DETAIL 21 / A10.10.1
- (S9) MEN WALL MOUNTED SIGNAGE, SEE DETAIL 17 / A10.10.1
- (S10) MEN DOOR SIGNAGE, SEE DETAIL 22 / A10.10.1

PLUMBING ANALYSIS

PLUMBING OCCUPANCY (CPC CH. 4 TABLE A)

OCCUPANT LOAD	AREA	OCC. LOAD FACTOR	TOTAL PERSONS
GROUP B - OFFICE OR PUBLIC BUILDINGS	194 SF	150	2
GROUP S - WAREHOUSE	526 SF	4000	1
NON-OCCUPIED	795 SF	0	0
SWIMMING POOL/SPRAY GROUND	2,841 SF	15	190
			4,646 SF

MINIMUM PLUMBING FACILITIES (CPC TABLE 422.1, E OCCUPANCY)
193 OCCUPANTS = 97 MEN AND 97 WOMEN

FIXTURE TYPE	REQUIRED	PROVIDED
WATER CLOSETS	1 PER 50 MALE = 1 1 PER 30 FEMALE = 1 1 PER 75 MALE BATHER = 1 1 PER 60 FEMALE BATHER = 2	2 MALE 4 FEMALE
URNALS	1 PER 100 = 1 1 PER 75 BATHER = 1	2 MALE
LAVATORIES	1 PER 40 MALE = 1 1 PER 40 FEMALE = 1 1 PER 80 BATHER = 3	2 MALE 4 FEMALE
SHOWERS	1 PER 50 BATHER = 3	2 MALE 2 FEMALE
WATER FOUNTAINS	1 PER 150	2
SERVICE SINK OR LAUNDRY TRAY	1	1

LEGEND

ILLUMINATED EXIT SIGN, SEE ELECTRICAL DRAWINGS.
EXIT SIGNAGE TO ACCOMPANY ALL ILLUMINATED EXIT SIGNS.
L = LOW LEVEL ILLUMINATED EXIT SIGN (WHERE OCCURS)

WORKROOM
A101 B
1,500 SF
10 OCC.
(15)

AREA IDENTITY CODE ANALYSIS
WORKROOM = ROOM NAME
A101 = ROOM NUMBER
B = OCCUPANCY CLASS (CBC 302)
1,500 SF = FLOOR AREA
10 = OCCUPANT LOAD
(15) = OCCUPANT LOAD PLUS ANCILLARY SPACE WHERE OCCURS

PATH OF EGRESS
41 = OCCUPANT LOAD
STARTING POINT OF PATH OF TRAVEL TO EXIT MARKED BY DOT AT THE BEGINNING OF EGRESS LINE

(P) PANIC HARDWARE DEVICE - REFERENCE DOOR SCHEDULE AND HARDWARE GROUP

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NO.	REMARKS	DATE

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PLAN CHECK
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KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

CONSTRUCTION DOCUMENTS

**AQUATIC FACILITIES
RENOVATION &
REPLACEMENT -
CITY PROJECT NO. CR18020**
1201 N PERSHING AVE
STOCKTON, CA 95203

**CODE ANALYSIS FLOOR
PLAN**

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A0.6
Drawn Author	Checked Checker

PRINT DATE: 7/18/2023 11:50:23 AM
 FILE PATH: C:\Users\shelby\Documents\22009-Victory Park Pool-Bldg-A21_Kimberly\B1\A21.rvt

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West Sacramento, CA 95691
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SURVEY NOTE:
SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE (PROFESSIONAL LANDSURVEYORS'ACT) PROVIDES DIRECTION FOR THE PROTECTION, REPLACEMENT, AND/OR PERPETUATION OF BOUNDARY, RIGHT OF WAY, AND OTHER SURVEY CONTROL MONUMENTS. IT SHALL BE THE RESPONSIBILITY OF THE GOVERNMENT AGENCY AND OTHERS PERFORMING CONSTRUCTION WORK TO PROVIDE FOR THE RESETTLE OR PERPETUATION OF DISTURBED OR DESTROYED MONUMENTS WHICH RESULT FROM CONSTRUCTION OF THE PROJECT. NO BOUNDARY OR RIGHT OF WAY MONUMENTS WERE DISCOVERED DURING THE COURSE OF THIS SURVEY; HOWEVER, IF DURING CONSTRUCTION THE CONTRACTOR IDENTIFIES MONUMENTATION, OTHER THAN PROJECT SURVEY CONTROL, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HALT CONSTRUCTION AND PLAN FOR PRESERVING, PROTECTING, OR PERPETUATING SUCH MONUMENTATION IN CONFORMANCE WITH CALIFORNIA PROFESSIONAL LAND SURVEYORS ACT.

SURVEY CONTROL STATEMENT
ALL COORDINATES, BEARINGS, AND DISTANCES ARE GRID AND BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) CONVERTED TO THE CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 3 (CCS83, ZONE 3) 1991.35 EPOCH ADJUSTMENT, AS REFERENCED BY AVAILABLE CITY OF STOCKTON PUBLISHED CONTROL MONUMENTS (RECORDED IN BOOK 35 OF SURVEYS AT PAGE 05, SAN JOAQUIN COUNTY RECORDS). GROUND DISTANCES MUST BE MULTIPLIED BY A COMBINED SCALE FACTOR (CSF) OF 0.999940175 TO OBTAIN GRID DISTANCES. ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88), ACCORDING TO THE CITY OF STOCKTON'S BENCHMARK BOOK. UNITS SHOWN ARE BASED ON THE U.S. SURVEY FOOT. A CONVERGENCE ANGLE OF -0'28'43.9" AND THE CSF WERE DETERMINED AT CONTROL POINT 520.

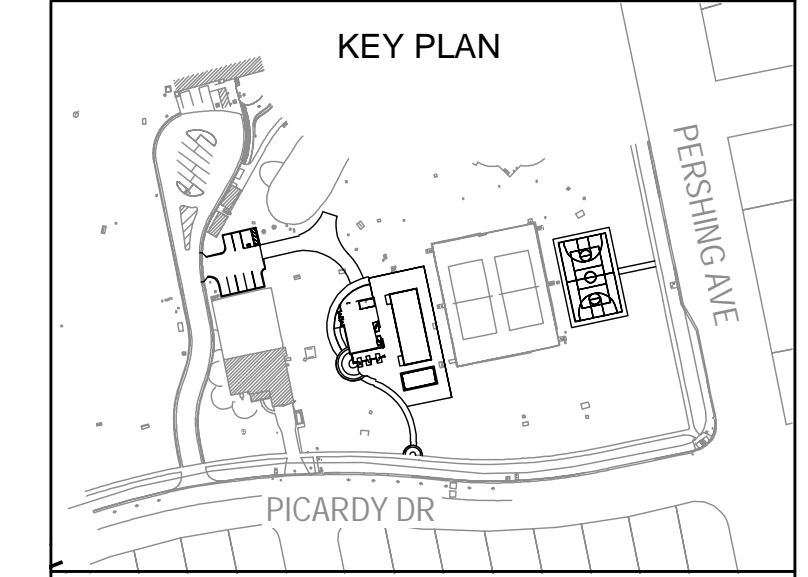
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
24	2175495.67	6331584.32	12.18	2.5 INCH BRASS DISK, COS 2S-1, IN MONUMENT WELL NEAR TRAFFIC ISLAND AT NORTH WEST CORNER OF PACIFIC AVE. AND HARDING WAY.
239	2170984.62	6327459.70	13.02	2 INCH BRASS DISK STAMPED CALIFORNIA DEPARTMENT OF TRANSPORTATION RMT, IN MONUMENT WELL AT CENTER LINE OF PERSHING AVE. AND FREMONT ST. IN NORTH CROSS WALK
240	2171123.26	6326557.26	9.85	2IN BRASS DISK, STAMPED CALIFORNIA DIVISION OF HIGHWAYS NO.23, AT WEST END OF CONCRETE MEDIAN OF I-5 ON/OFF RAMP AND W. FREMONT ST.
503	2173091.77	6327319.97	7.89	SET CUT CROSS IN CONCRETE AT NORTH EAST BACK OF WALK, AT VICTORY PARK PLAYGROUND, OPPOSITE PARK BENCH
504	2172790.71	6327490.48	7.05	SET 5/8 INCH REBAR AND KSN CONTROL CAP IN LAWN AT SOUTH EAST CORNER OF VICTORY PARK
520	2174088.56	6336182.97	17.05	SET DURA NAIL & WASHER STAMPED KSN INC. SURVEY CONTROL IN CONCRETE MOW STRIP AT CHARTER SCHOOL TRACK, WEST OF N. AURORA ST.
601	2172748.07	6326966.74	6.30	SET CHISELED CROSS IN CONCRETE AT WESTERLY END OF DRIVEWAY TO HAGGIN MUSEUM
602	2173112.30	6326948.52	7.39	SET MAG NAIL AND SHINER IN AC PARKING LOT TO HAGGIN MUSEUM

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DESIGN DEVELOPMENT
AQUATIC FACILITIES RENOVATION & REPLACEMENT - VICTORY PARK POOL CITY
PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

SURVEY CONTROL SHEET

Date: 07/14/2023
Application Number: XX-XXXXX
Drawn: PX
Checked: P/MW
Project Number: 2490-0010
Drawing Number: C0.2

1 SURVEY CONTROL SHEET
SCALE: 1" = 400'

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1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-6900
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SYMBOLS		LEGEND	
	BASKETBALL HOOP		STORM DRAIN INLET
	CLEANOUT		STORM DRAIN MAN HOLE
	CONTROL POINT		STORM YARD DRAIN
	ELECTRICAL METER		TELEPHONE PULLBOX
	ELECTRICAL PULLBOX		TRAFFIC SIGNAL BOX
	EXTERIOR LIGHT		TREE
	FIRE HYDRANT		TREE PALM
	GATE POST		TREE STUMP
	IRRIGATION VALVE BOX		UTILITY PEDESTAL
	MONUMENT - FOUND		UTILITY POST / UTILITY BOLLARD
	SIGN		UTILITY PULLBOX
	STORM DRAIN CIRCULAR CATCH BASIN		WATER BACKFLOW PREVENTER
			WATER METER BOX
			WATER VALVE BOX



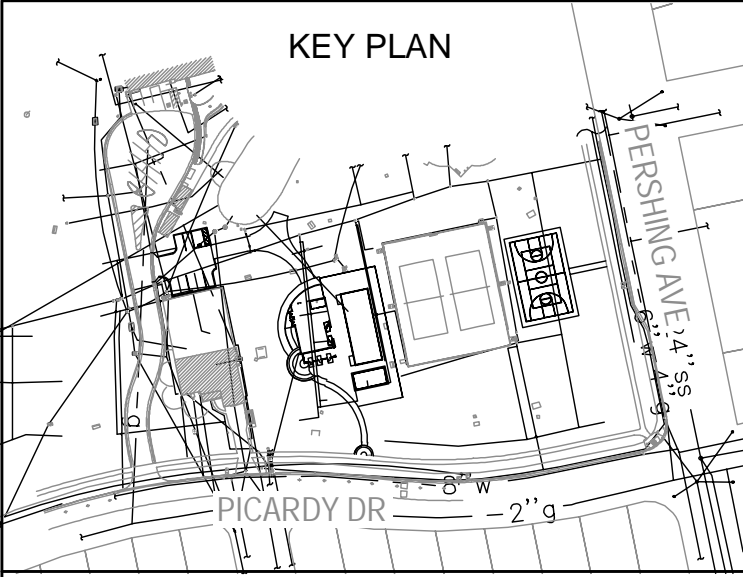
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EXISTING TOPOGRAPHY

Date: 07/14/2023
Application Number: XX-XXXXXX
Project Number: 2490-0010
Drawing Number: C0.3
Drawn: PX
Checked: P/MW

FOUND MONUMENTATION			
POINT #	NORTHING	EASTING	DESCRIPTION
20394	2172820.11	6327526.16	FOUND CHISSELED X ON CURB NO TAG

1 EXISTING TOPOGRAPHY
SCALE: 1" = 20'

PRINT DATE: 1/17/2023 8:28:31 AM
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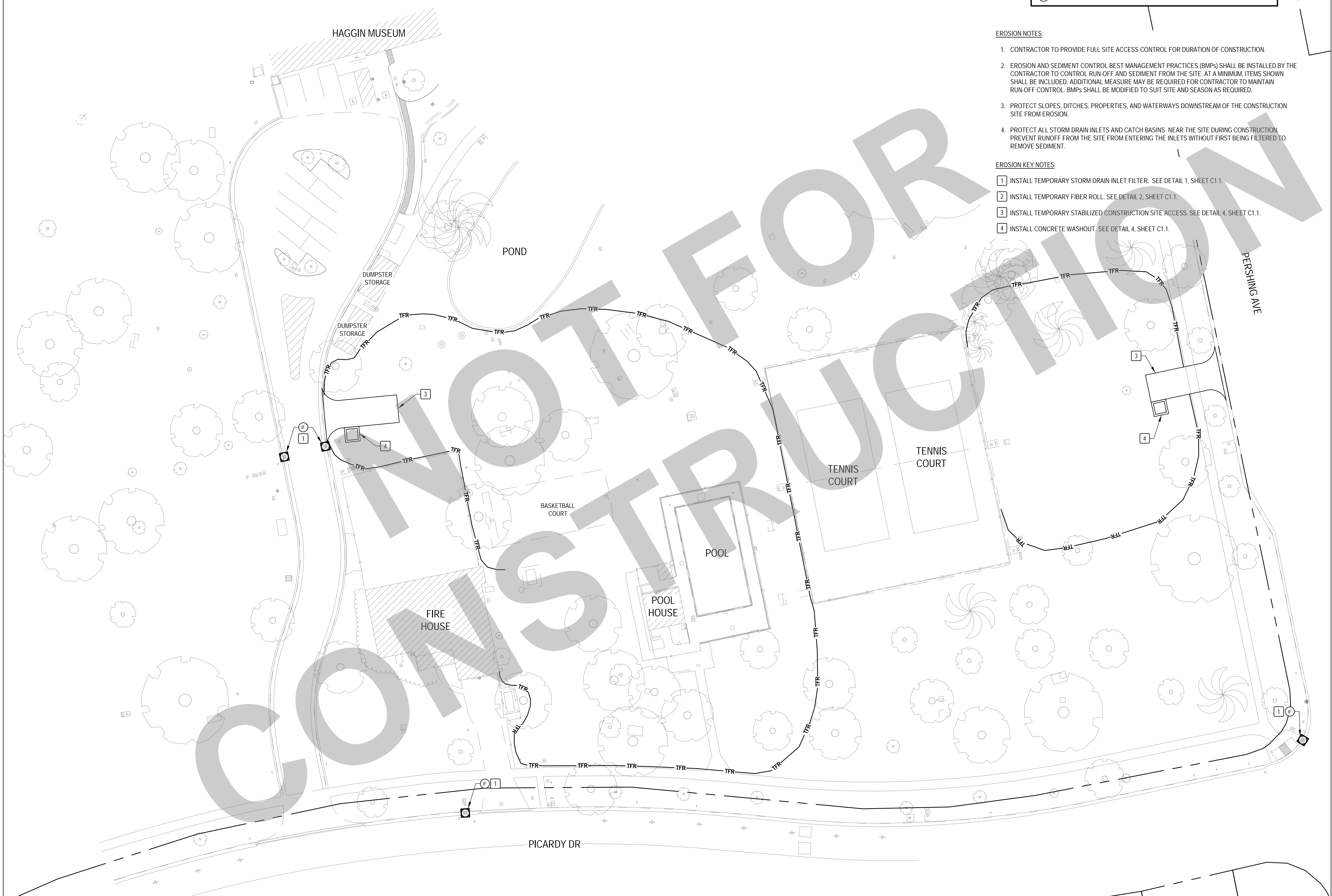
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TEMPORARY EROSION CONTROL - LEGEND

IF	□	STORM DRAIN INLET FILTER, E.C. DETAIL 1 SHEET C1.1
FR	— TFR —	TEMPORARY FIBER ROLL, E.C. DETAIL 2 SHEET C1.1

- EROSION NOTES:**
- CONTRACTOR TO PROVIDE FULL SITE ACCESS CONTROL FOR DURATION OF CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) SHALL BE INSTALLED BY THE CONTRACTOR TO CONTROL RUN-OFF AND SEDIMENT FROM THE SITE. AT A MINIMUM, ITEMS SHOWN SHALL BE INCLUDED. ADDITIONAL MEASURE MAY BE REQUIRED FOR CONTRACTOR TO MAINTAIN RUN-OFF CONTROL. BMPs SHALL BE MODIFIED TO SUIT SITE AND SEASON AS REQUIRED.
 - PROTECT SLOPES, DITCHES, PROPERTIES, AND WATERWAYS DOWNSTREAM OF THE CONSTRUCTION SITE FROM EROSION.
 - PROTECT ALL STORM DRAIN INLETS AND CATCH BASINS NEAR THE SITE DURING CONSTRUCTION. PREVENT RUNOFF FROM THE SITE FROM ENTERING THE INLETS WITHOUT FIRST BEING FILTERED TO REMOVE SEDIMENT.

- EROSION KEY NOTES:**
- INSTALL TEMPORARY STORM DRAIN INLET FILTER. SEE DETAIL 1, SHEET C1.1.
 - INSTALL TEMPORARY FIBER ROLL. SEE DETAIL 2, SHEET C1.1.
 - INSTALL TEMPORARY STABILIZED CONSTRUCTION SITE ACCESS. SEE DETAIL 4, SHEET C1.1.
 - INSTALL CONCRETE WASHOUT. SEE DETAIL 4, SHEET C1.1.



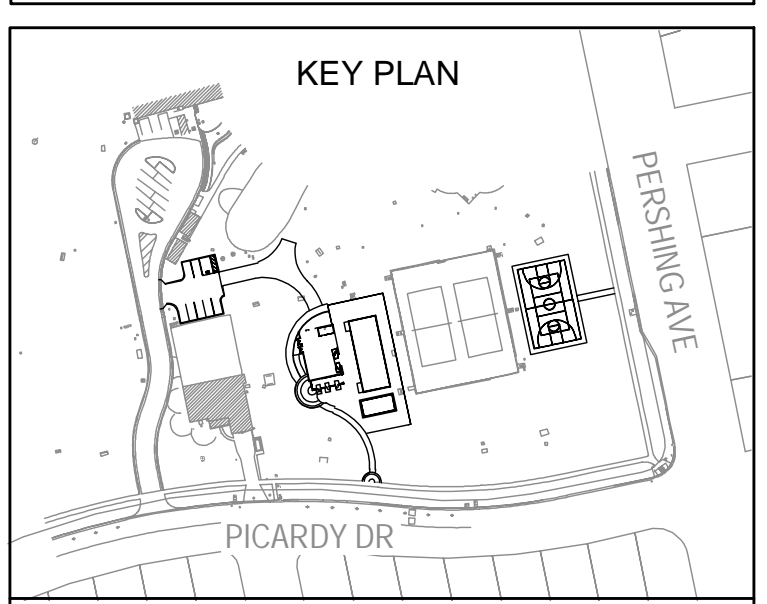
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NO.	REMARKS	DATE

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<input type="radio"/>	BIDDING
<input type="radio"/>	CONSTRUCTION



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EROSION CONTROL PLAN

Date 07/14/2023	Project Number 2490-0010
Application Number XX-XXXXXX	Drawing Number C1.0
Drawn PX	Checked PMW

1 EROSION CONTROL PLAN
SCALE: 1" = 20'

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CENTERLINE OF WALK LINE TABLE

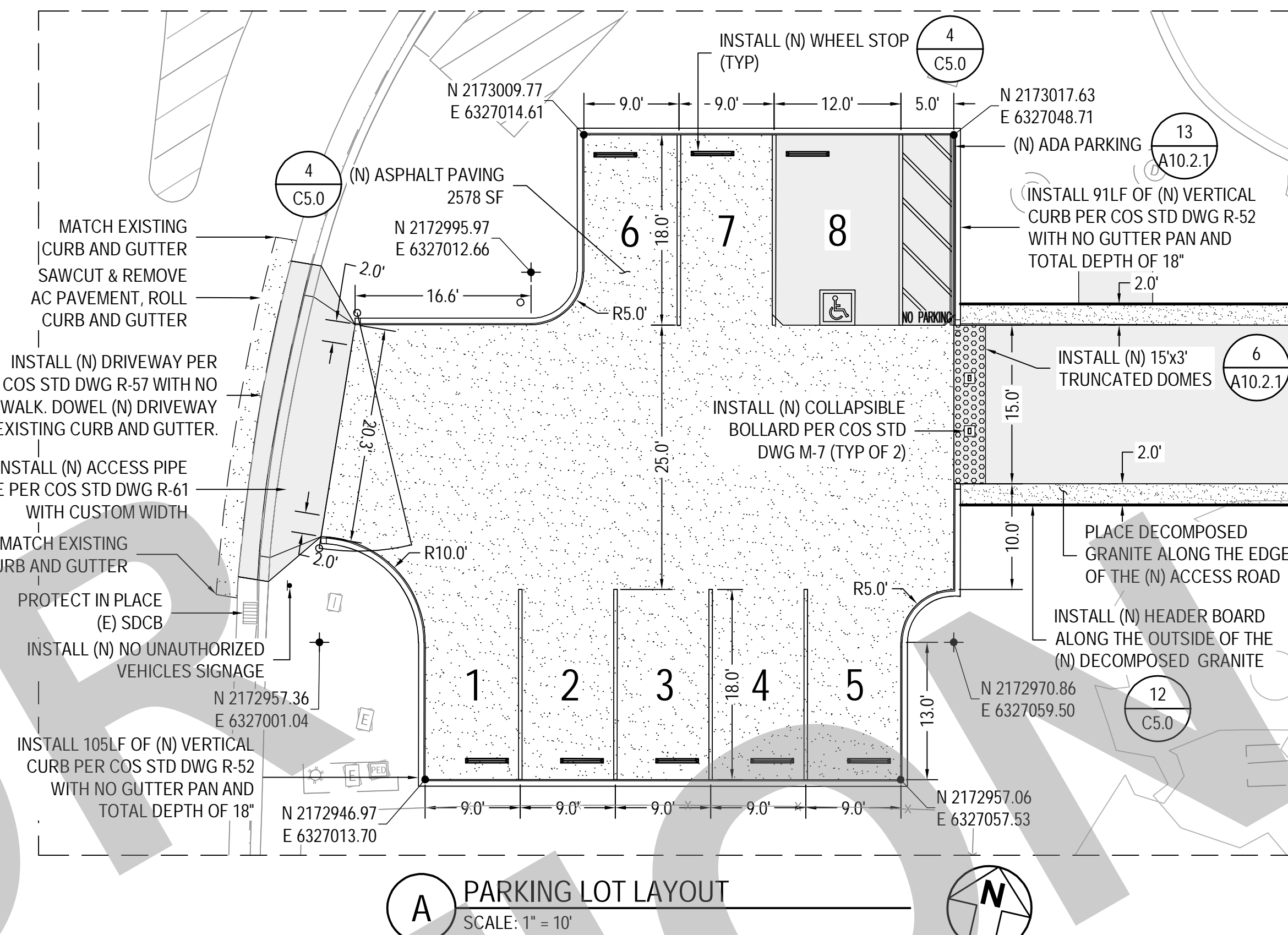
LINE #	LENGTH	DIRECTION
L3	39.09	S78° 09' 59.72"W
L1	35.12	N76° 58' 35.21"E
L2	3.38	S4° 28' 49.88"W

CENTERLINE OF CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA	CHORD BEARING
C1	82.43	57.50	82.14	S60° 10' 38"E 82.43
C2	49.66	48.50	58.66	S49° 05' 48"W 49.66
C3	50.16	49.50	58.06	N16° 14' 22"W 50.16
C6	11.06	48.51	13.06	S65° 26' 47"E 11.06
C7	81.38	63.00	74.01	S34° 15' 15"E 81.38

EDGE OF WALK CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA	CHORD BEARING
C4	106.71	51.50	118.71	S21° 24' 41"W 106.71
C5	64.82	18.00	206.38	S29° 27' 59"E 64.82
C8	31.34	10.00	179.59	N84° 40' 53"W 31.34



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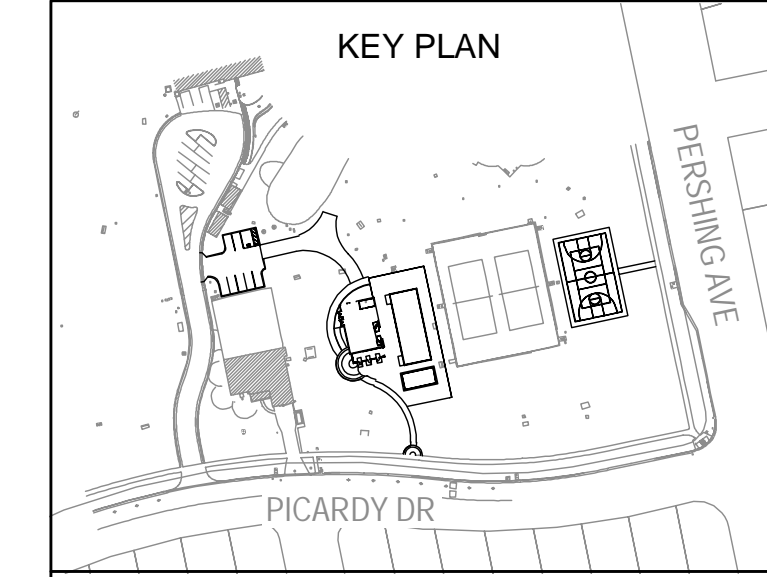
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DSA PLAN CHECK

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SITE IMPROVEMENT PLAN

Date: 07/14/2023
Project Number: 2490-0010
Application Number: XX-XXXXXX
Drawing Number: C2.0
Drawn: PX
Checked: P/MW

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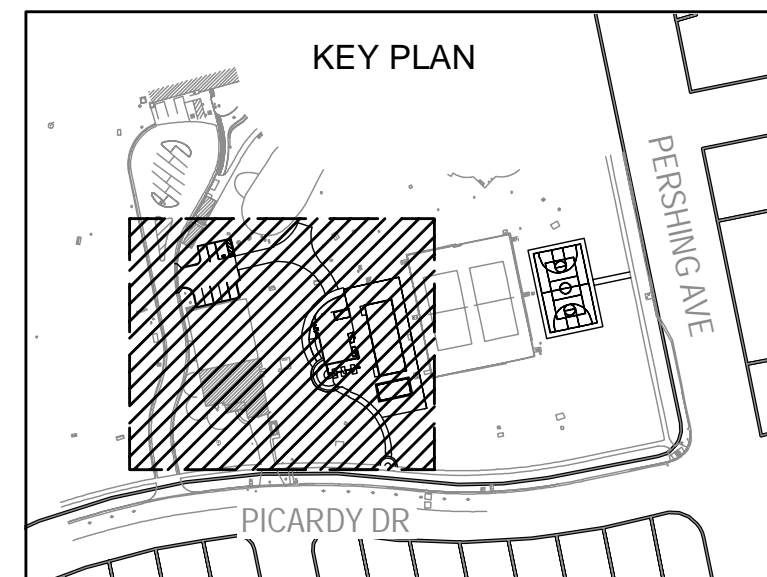
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DSA PLAN CHECK

DSA BACK CHECK

BIDDING

CONSTRUCTION

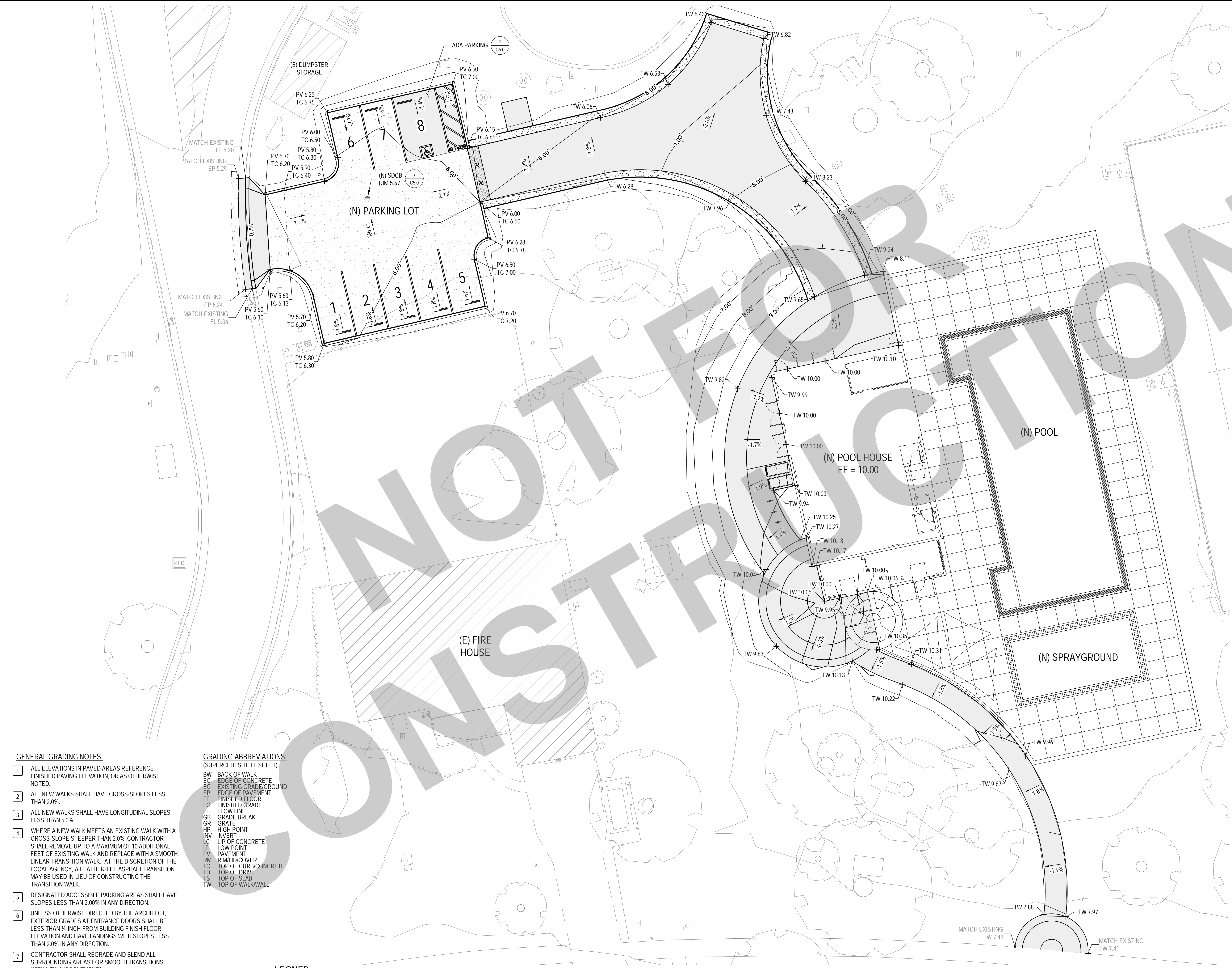


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GRADING AND DRAINAGE
PLAN 1

Date: 07/14/2023
Application Number: XX-XXXXXX
Project Number: 2490-0010
Drawing Number: C3.0
Drawn: PX
Checked: P/MW

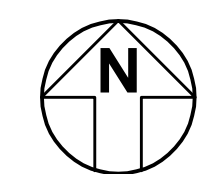


- GENERAL GRADING NOTES:**
- ALL ELEVATIONS IN PAVED AREAS REFERENCE FINISHED PAVING ELEVATION, OR AS OTHERWISE NOTED.
 - ALL NEW WALKS SHALL HAVE CROSS-SLOPES LESS THAN 2.0%.
 - ALL NEW WALKS SHALL HAVE LONGITUDINAL SLOPES LESS THAN 5.0%.
 - WHERE A NEW WALK MEETS AN EXISTING WALK WITH A CROSS-SLOPE STEEPER THAN 2.0%, CONTRACTOR SHALL REMOVE UP TO A MAXIMUM OF 10 ADDITIONAL FEET OF EXISTING WALK AND REPLACE WITH A SMOOTH LINEAR TRANSITION WALK. AT THE DISCRETION OF THE LOCAL AGENCY, A FEATHER-FILL ASPHALT TRANSITION MAY BE USED IN LIEU OF CONSTRUCTING THE TRANSITION WALK.
 - DESIGNATED ACCESSIBLE PARKING AREAS SHALL HAVE SLOPES LESS THAN 2.00% IN ANY DIRECTION.
 - UNLESS OTHERWISE DIRECTED BY THE ARCHITECT, EXTERIOR GRADES AT ENTRANCE DOORS SHALL BE LESS THAN 1/4-INCH FROM BUILDING FINISH FLOOR ELEVATION AND HAVE LANDINGS WITH SLOPES LESS THAN 2.0% IN ANY DIRECTION.
 - CONTRACTOR SHALL REGRADE AND BLEND ALL SURROUNDING AREAS FOR SMOOTH TRANSITIONS WITH NEW IMPROVEMENTS.
 - ALL VERTICAL CURBS AND WALKS ARE 6-INCHES IN HEIGHT EXCEPT WHERE SHOWN OTHERWISE.
 - SUBGRADE COMPACTIONS SHALL MEET THE REQUIREMENTS IN THE GEOTECHNICAL REPORT.
 - SEE AQUATIC DESIGN SHEET FOR GRADES/SLOPE AT POOL DECK.

- GRADING ABBREVIATIONS:**
(SUPERCEDES TITLE SHEET)
- BW BACK OF WALK
 - EC EDGE OF CONCRETE
 - EG EXISTING GRADE/GROUND
 - EP EDGE OF PAVEMENT
 - FF FINISHED FLOOR
 - FG FINISHED GRADE
 - FL FLOW LINE
 - GB GRADE BREAK
 - GR GRATE
 - HP HIGH POINT
 - IW INVERT
 - LC LIP OF CONCRETE
 - LP LOW POINT
 - PV PAVEMENT
 - RM RIM/LID/COVER
 - TC TOP OF CURB/CONCRETE
 - TD TOP OF DRIVE
 - TS TOP OF SLAB
 - TW TOP OF WALKWALL

- LEGEND**
- [Pattern] NEW ASPHALT CONCRETE, SEE DETAIL 6, SHEET C5.0
 - [Pattern] NEW PORTLAND CEMENT CONCRETE, SEE DETAIL 6, SHEET C5.0

1 GRADING AND DRAINAGE PLAN 1
SCALE: 1" = 10'



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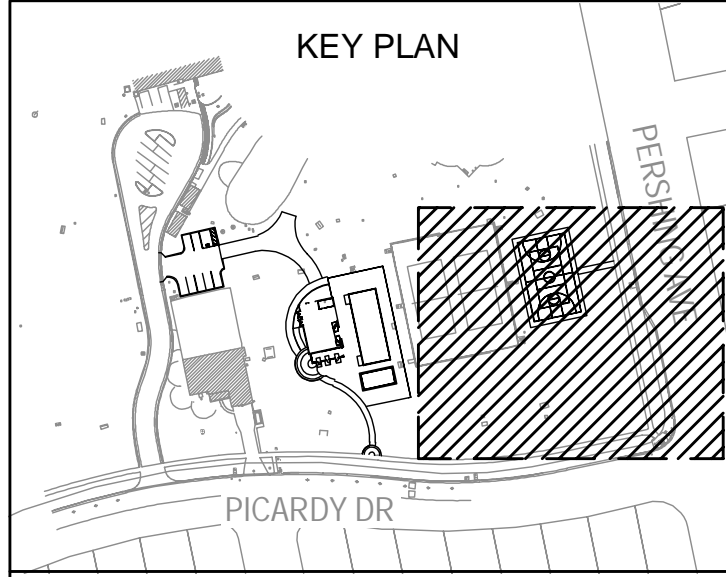
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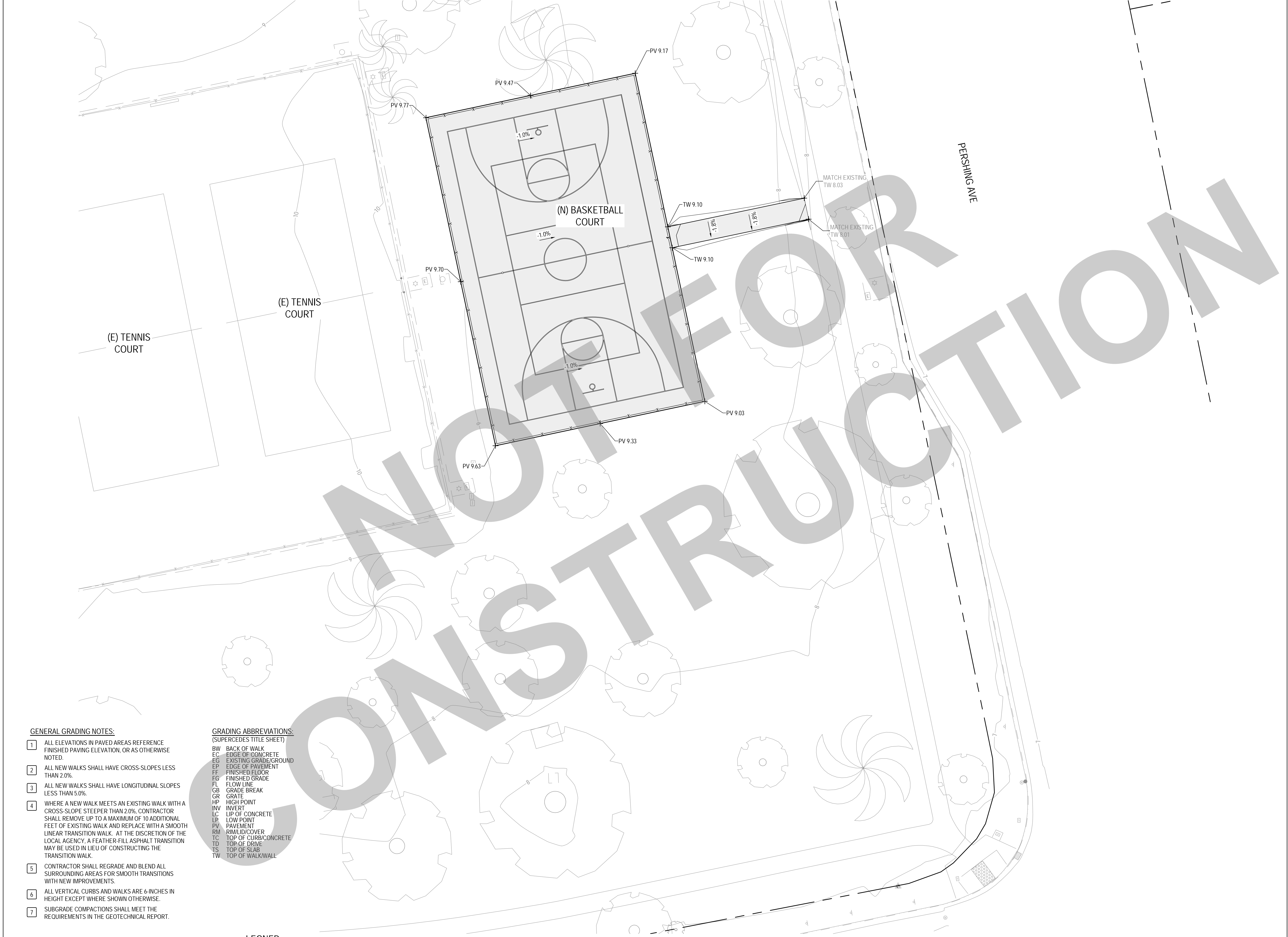


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**GRADING AND DRAINAGE
PLAN 2**

Date: 07/14/2023
Application Number: XX-XXXXXX
Drawn: PX
Checked: P/MW
Project Number: 2490-0010
Drawing Number: **C3.1**



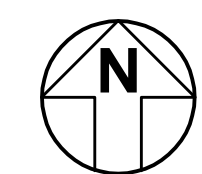
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 - ALL VERTICAL CURBS AND WALKS ARE 6-INCHES IN HEIGHT EXCEPT WHERE SHOWN OTHERWISE.
 - SUBGRADE COMPACTIONS SHALL MEET THE REQUIREMENTS IN THE GEOTECHNICAL REPORT.

- GRADING ABBREVIATIONS:**
(SUPERCEDES TITLE SHEET)
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 - EG EXISTING GRADE/GROUND
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 - FG FINISHED GRADE
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 - PV PAVEMENT
 - RM RIM/LID/COVER
 - TC TOP OF CURB/CONCRETE
 - TD TOP OF DRIVE
 - TS TOP OF SLAB
 - TW TOP OF WALKWALL

LEGNED

- NEW ASPHALT CONCRETE, SEE DETAIL 6, SHEET C5.0
- NEW PORTLAND CEMENT CONCRETE, SEE DETAIL 6, SHEET C5.0

1 GRADING AND DRAINAGE PLAN 2
SCALE: 1" = 10'



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GENERAL UTILITY NOTES:

- 1 ALL PIPELINE JOINTS AND INSTALLATION SHALL CONFORM WITH THE PIPE MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS AND THE REQUIREMENTS OF ASTM SPECIFICATIONS C443, LATEST REVISION.
- 2 ALL FITTINGS SHALL MATCH THE TYPE OF PIPE BEING USED.
- 3 JOINING OF UNLIKE PIPE SECTIONS SHALL BE WITH APPROVED FLEXIBLE BAND SEALS OR TRANSITION COUPLINGS ONLY.
- 4 ALL ON-SITE TRENCHING SHALL CONFORM TO TRENCHING DETAIL, THESE PLANS.
- 5 ALL NON-FERROUS PIPES SHALL BE INSTALLED WITH TRACE WIRE.
- 6 NATURAL GAS & ELECTRICAL SERVICES SHOWN ARE FOR REFERENCE ONLY AND ARE BY OTHERS. CONTRACTOR SHALL COORDINATION WITH PG&E FOR THE LOCATION AND INSTALLATION OF SAID IMPROVEMENTS.
- 6 POINT OF CONNECTION. SEE PLUMBING FLOOR PLAN SHEET P2.1.

SANITARY SEWER NOTES

- S1 INSTALL CLEANOUT TO GRADE PER COS STD DWG S-18. PRIOR TO CONSTRUCTION, FIELD VERIFY EXISTING PIPE DIAMETER AND DEPTH.

WATER LINE NOTES

- W1 ALL NEW WATER LINES AND APPURTENANCES SHALL CONFORM TO CITY OF STOCKTON STANDARD SPECIFICATIONS SECTION 78.
- W2 DOMESTIC WATER LINES SHALL HAVE A MINIMUM 2.5 FEET TOTAL COVER.
- W3 INSTALL WATER LINES AND VALVES CONFORMING TO CITY OF STOCKTON STANDARD PLANS AND SPECIFICATIONS.

STORM DRAIN NOTES

- D1 INSTALL (N) STORM DRAIN CATCH BASIN. CONNECT TO EXISTING STORM DRAIN SYSTEM. SEE DETAIL 7, SHEET C5.0.
- D2 INSTALL (N) CLEAN OUT PER COS STD DWG S-18.
- D3 INSTALL (N) SDMH PER COS STD DWG D-5.

IRRIGATION NOTES

- I1 REFER TO LANDSCAPE AND IRRIGATION PLANS FOR IRRIGATION IMPROVEMENTS.

PIPELINE & MATERIALS NOTES

- SANITARY SEWER (4"-15") PVC, SHALL CONFORM TO ASTM D3034, SDR-26, PS46.
- SANITARY SEWER (18"-24") PVC, SHALL CONFORM TO ASTM F679, PS46.
- STORM DRAIN (12"-15") PVC, SHALL CONFORM TO ASTM D3034, SDR-26, PS46.
- WATER (1"-2") PLASTIC SERVICE PIPE, ULTRA HIGH MOLECULAR WEIGHT P.E. 3406 CS 255-63, POLYETHYLENE AS MANUFACTURED BY ADS OR AN APPROVED EQUAL FOR 1" IPS ONLY. PIPE LARGER THAN 1" IPS SHALL BE PB 2110 POLYBUTYLENE. SEE SECTION 78 OF THE CITY OF STOCKTON STANDARD SPECIFICATIONS. REFERENCE IS ALSO MADE TO CITY OF STOCKTON STANDARD DETAILS: W-3 & W-4.

MINIMUM SLOPES FOR GRAVITY FLOW PIPES:

0" SLOPE:	
4"	0.0100
6"	0.0070
8"	0.0045
10"	0.0025
12"	0.0020
15"	0.0015
18"	0.0012
24"	0.0008
30"	0.0006

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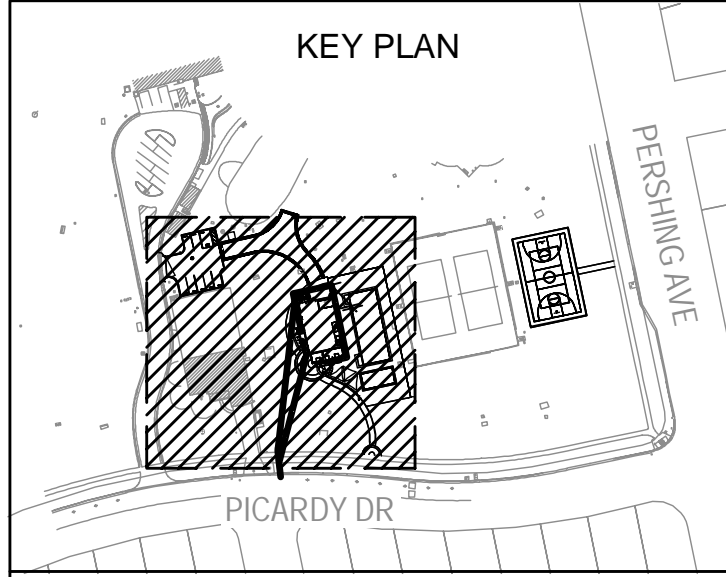
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UTILITY PLAN

Date	07/14/2023	Project Number	2490-0010
Application Number	XX-XXXXXX	Drawing Number	C4.0
Drawn	PX	Checked	PMW

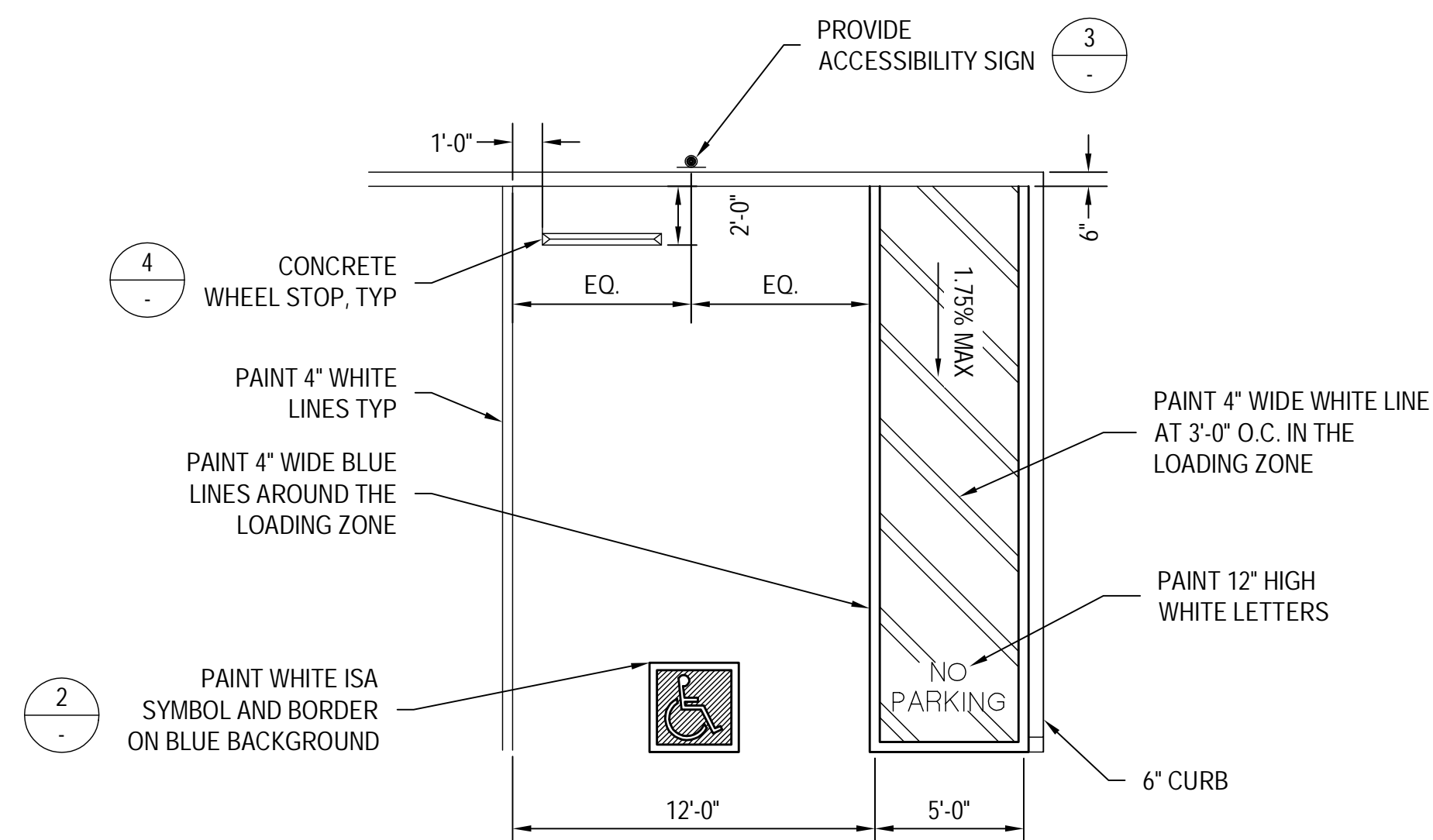
1 SITE IMPROVEMENT PLAN
SCALE: 1" = 10'

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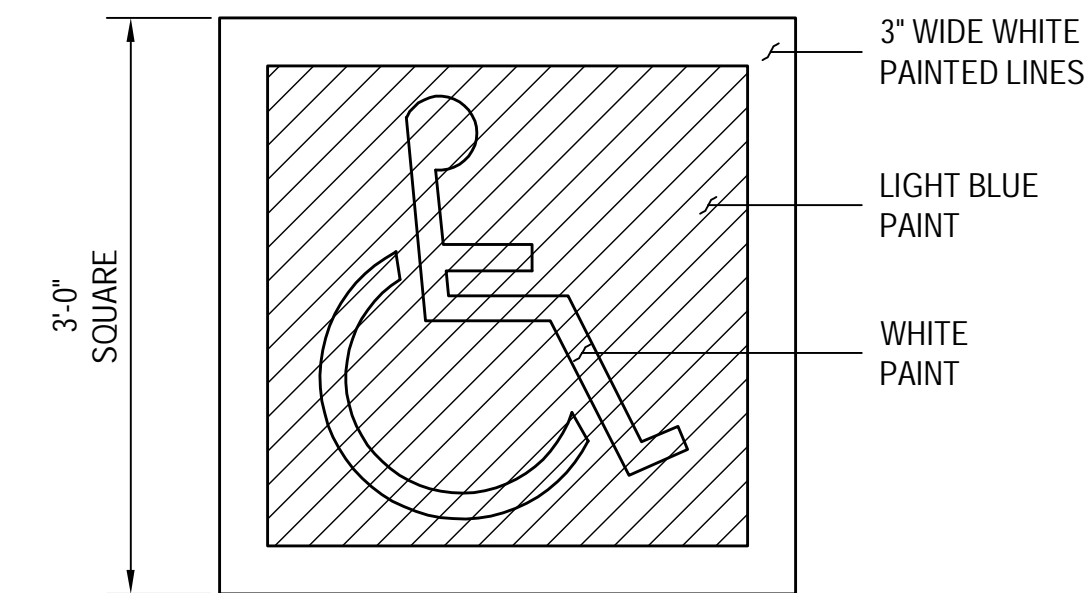


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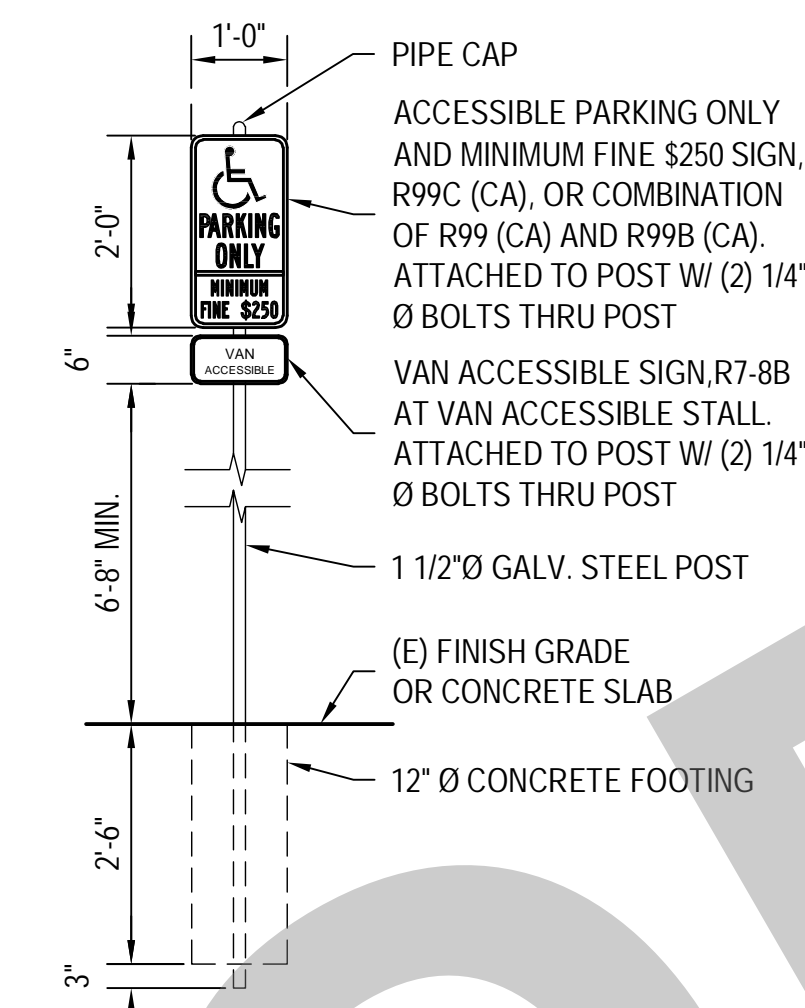
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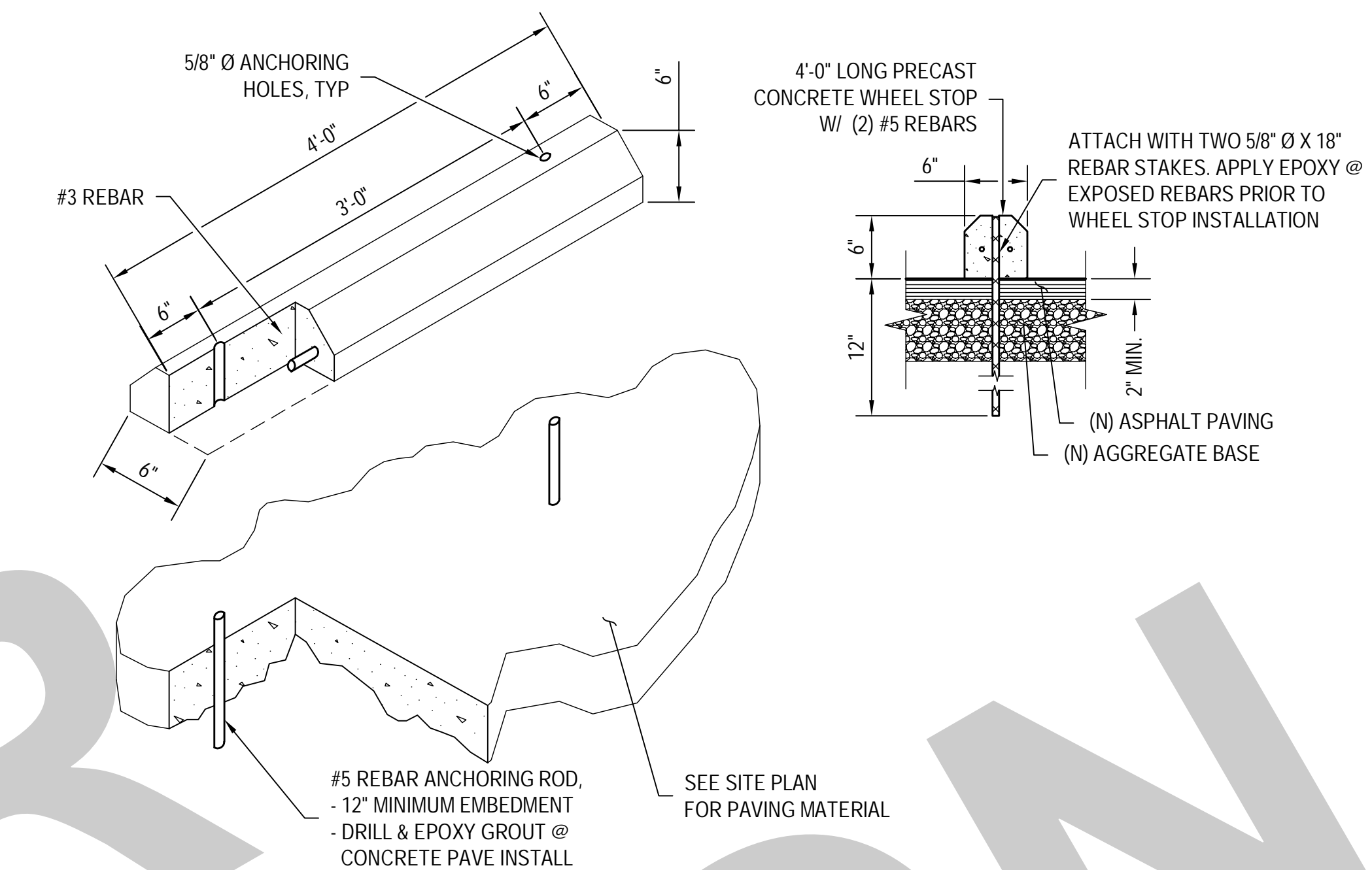
1 STANDARD ADA PARKING DETAIL
N.T.S.



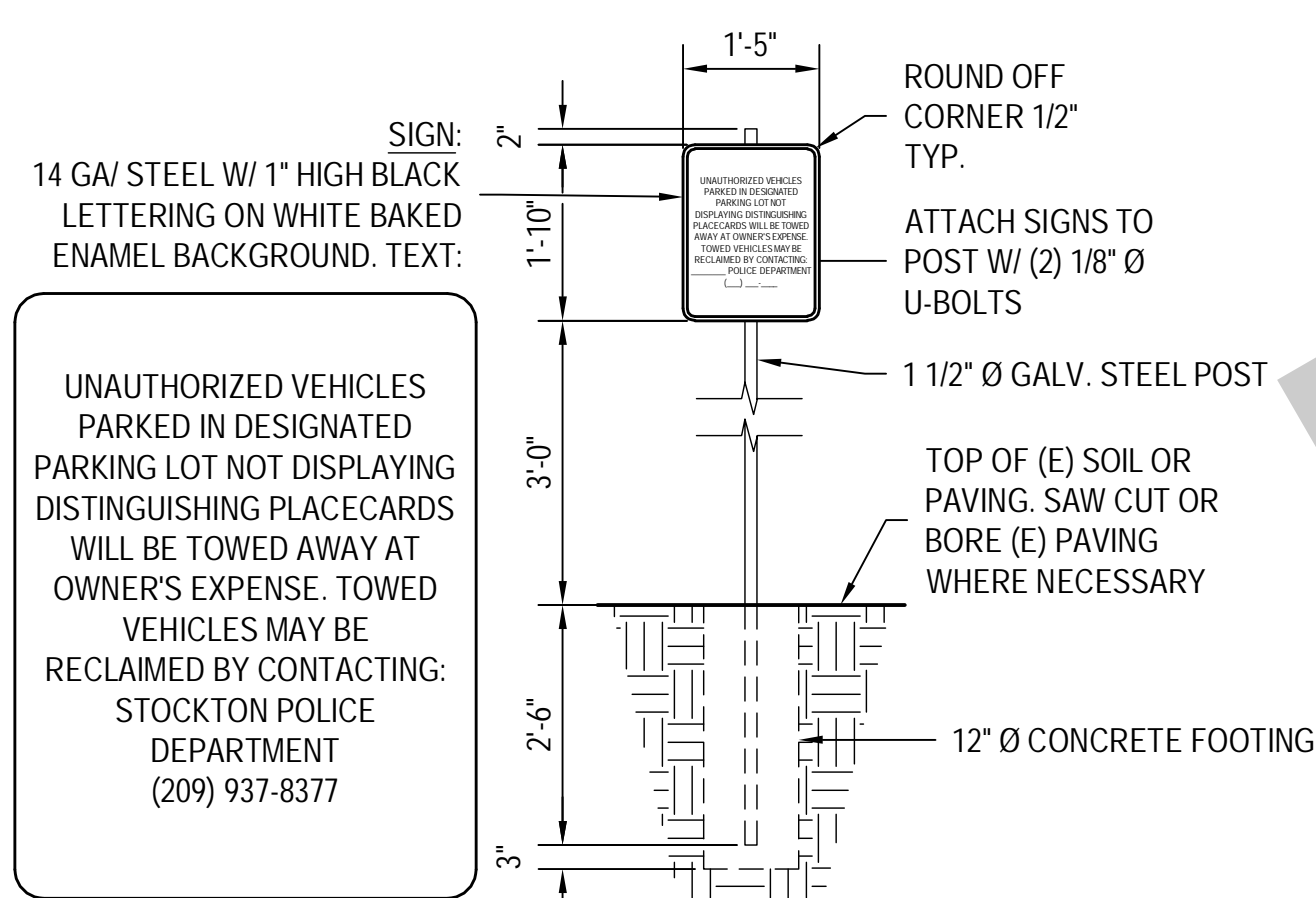
2 PAINTED ACCESSIBLE SYMBOL
N.T.S.



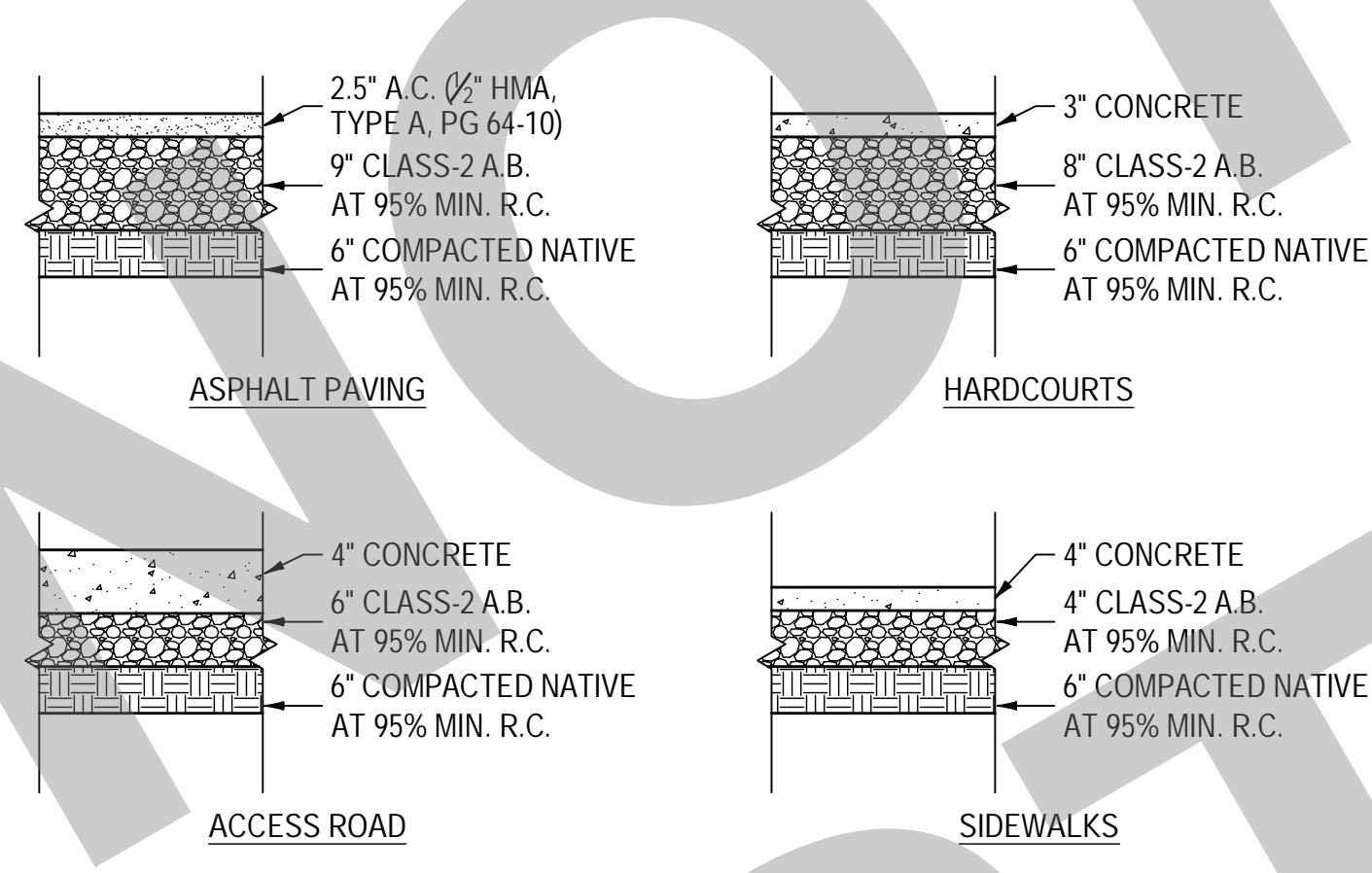
3 ACCESSIBLE PARKING SIGNAGE
N.T.S.



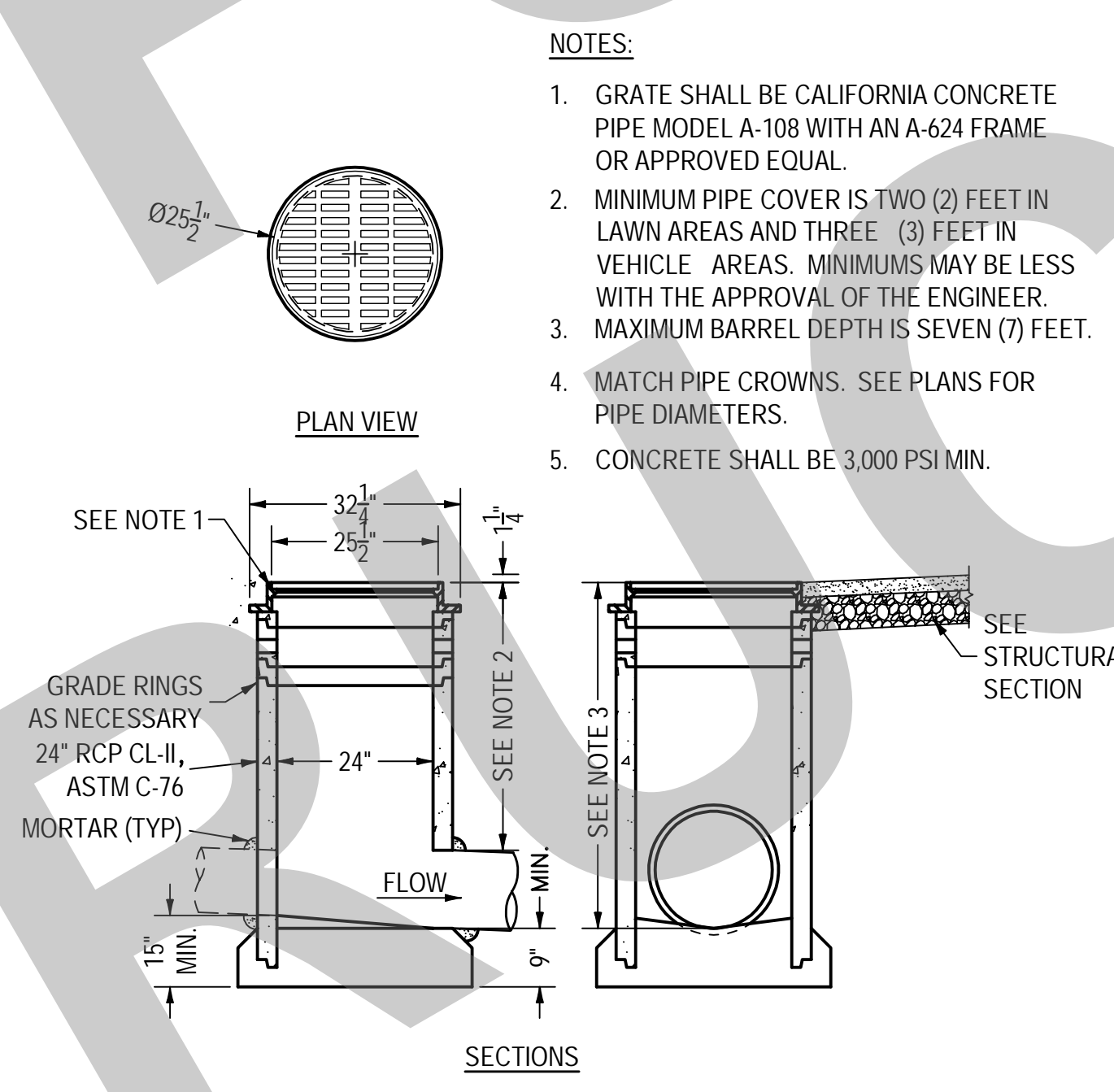
4 CONCRETE WHEEL STOP
N.T.S.



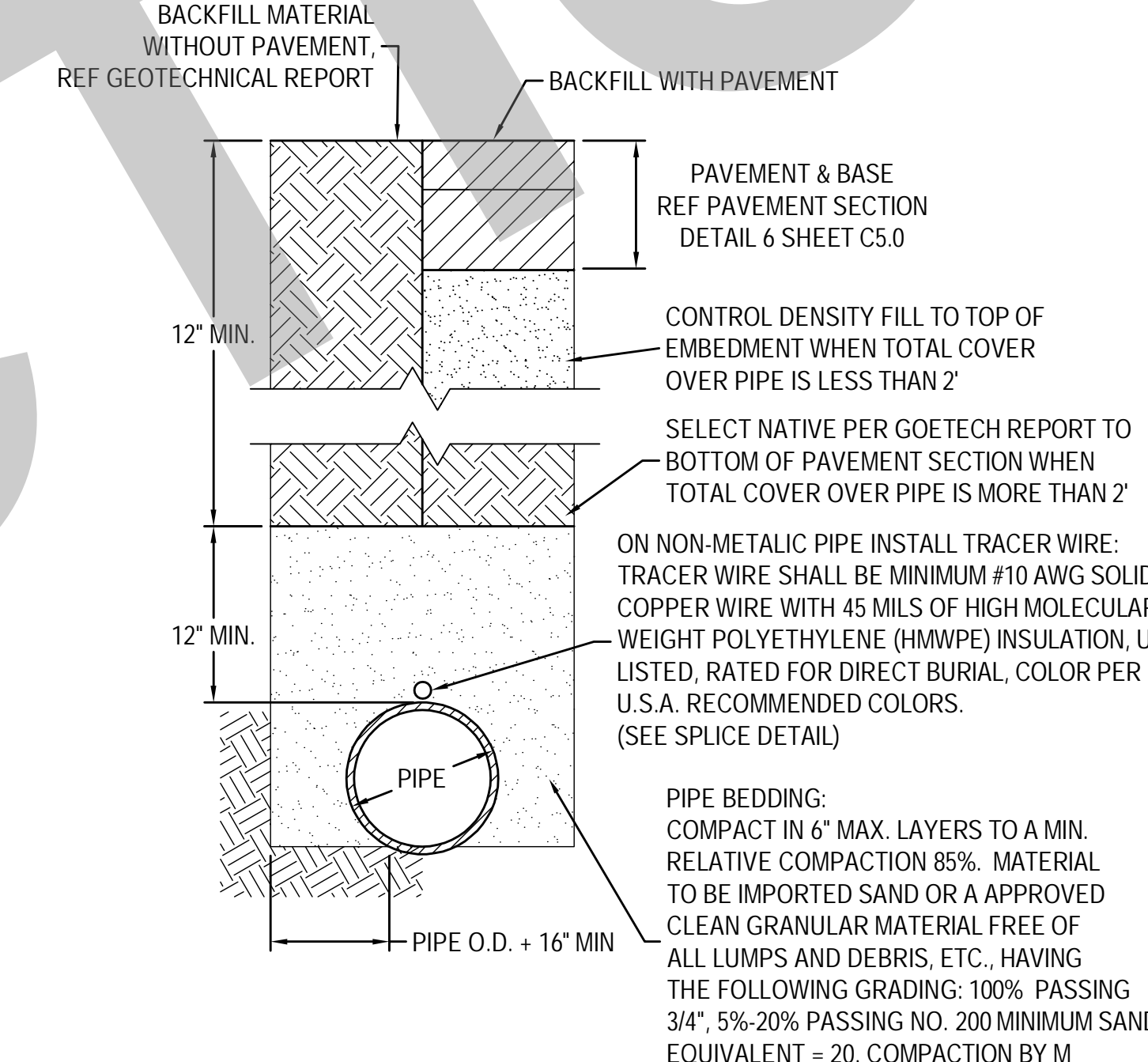
5 TOW-AWAY PARKING SIGN
N.T.S.



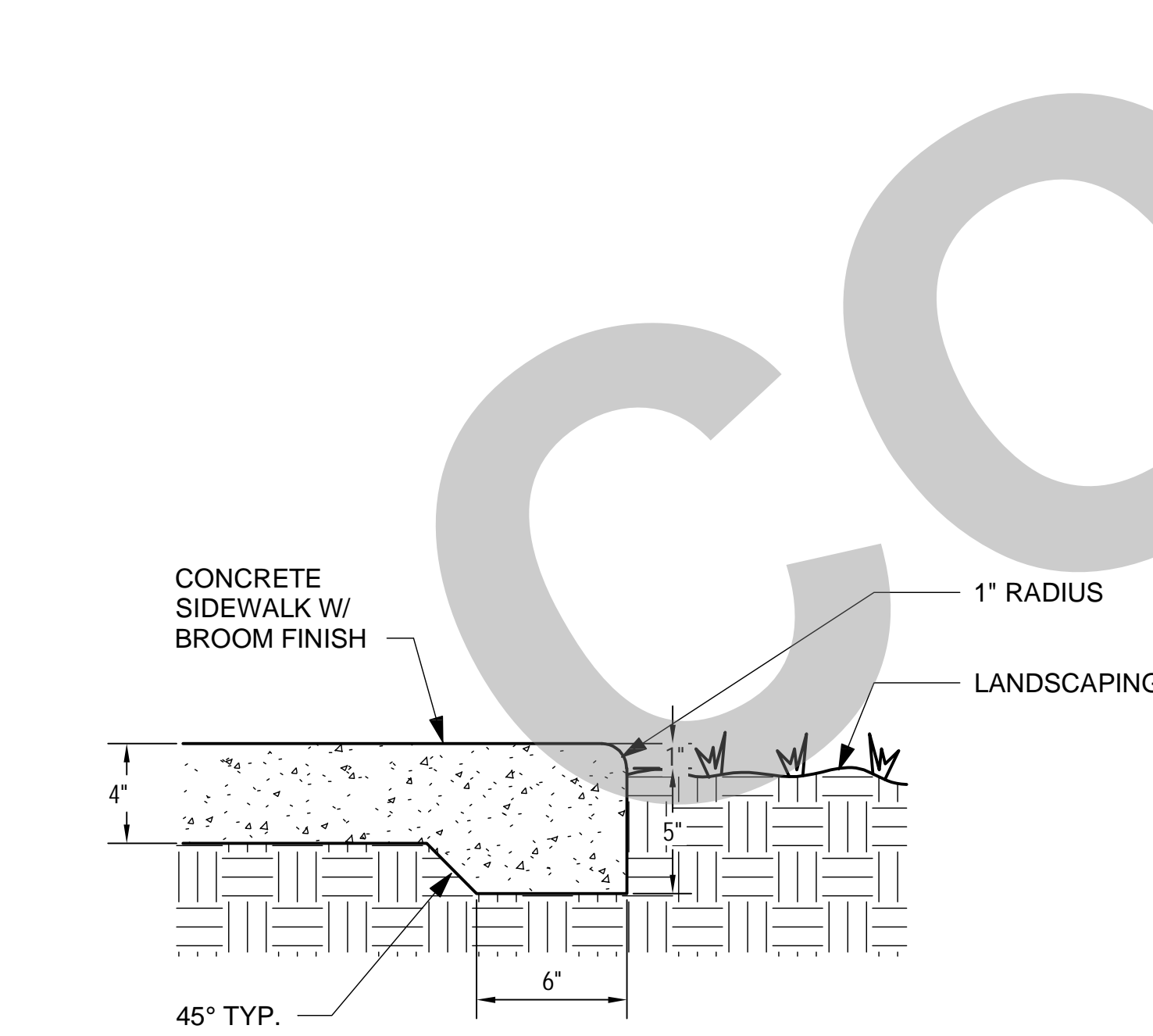
6 STRUCTURAL SECTIONS
N.T.S.



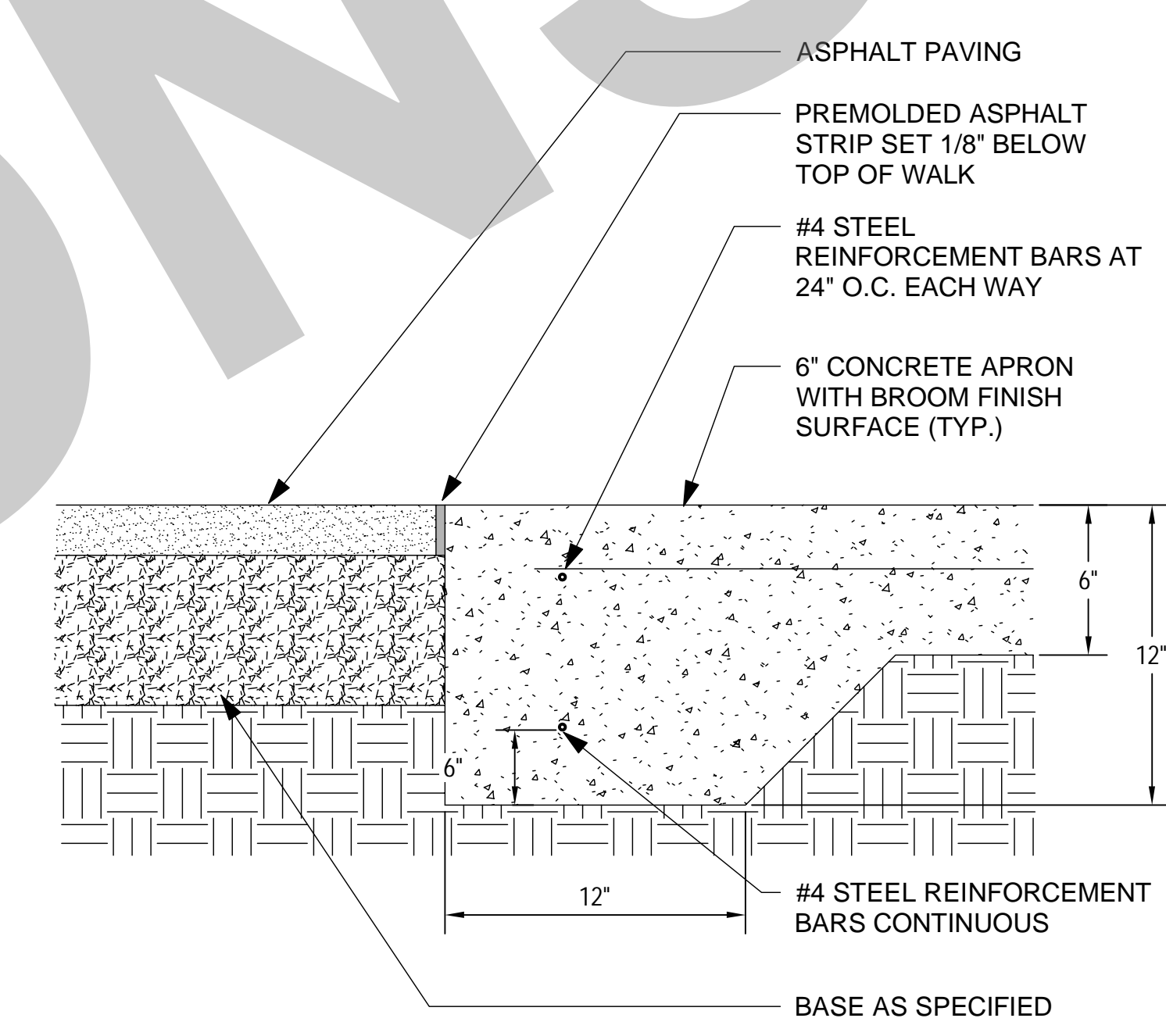
7 24-INCH STORM DRAIN CATCH BASIN
N.T.S.



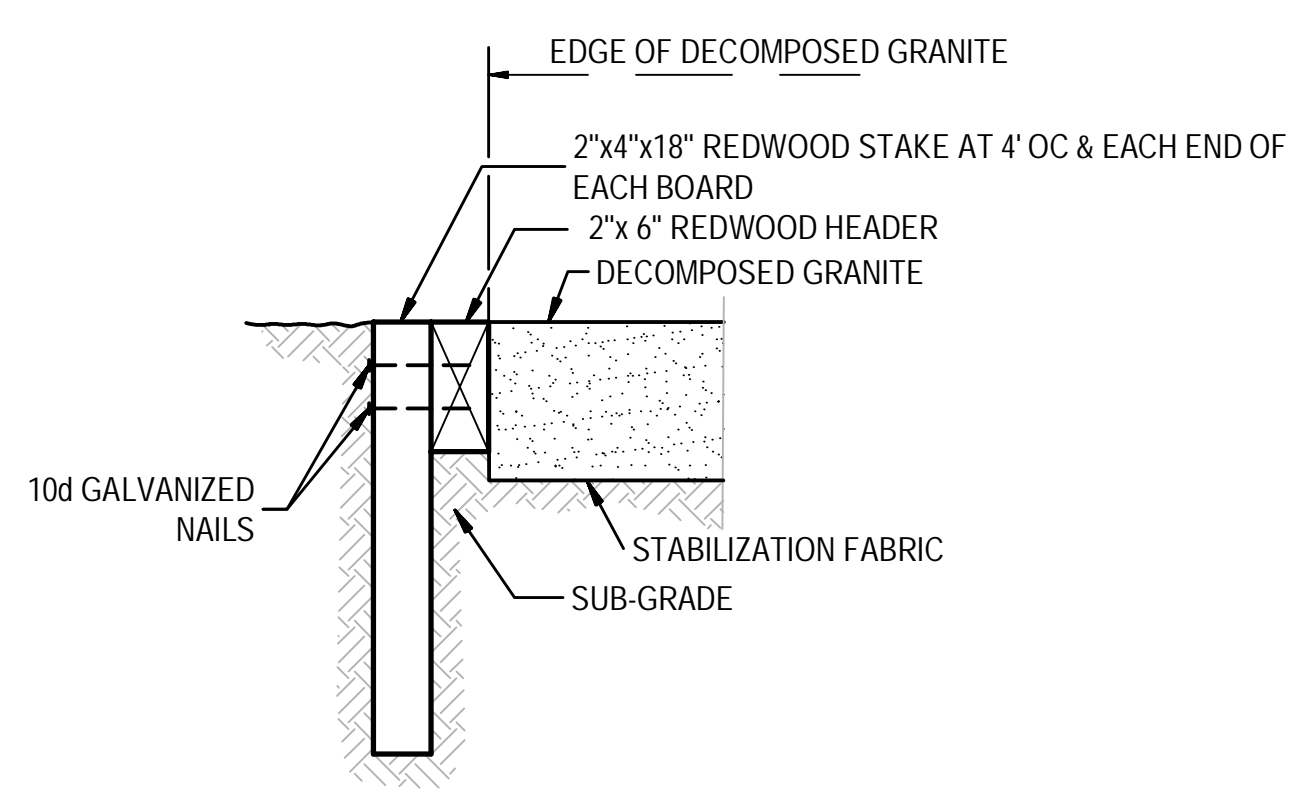
8 TRENCHING BACKFILL
N.T.S.



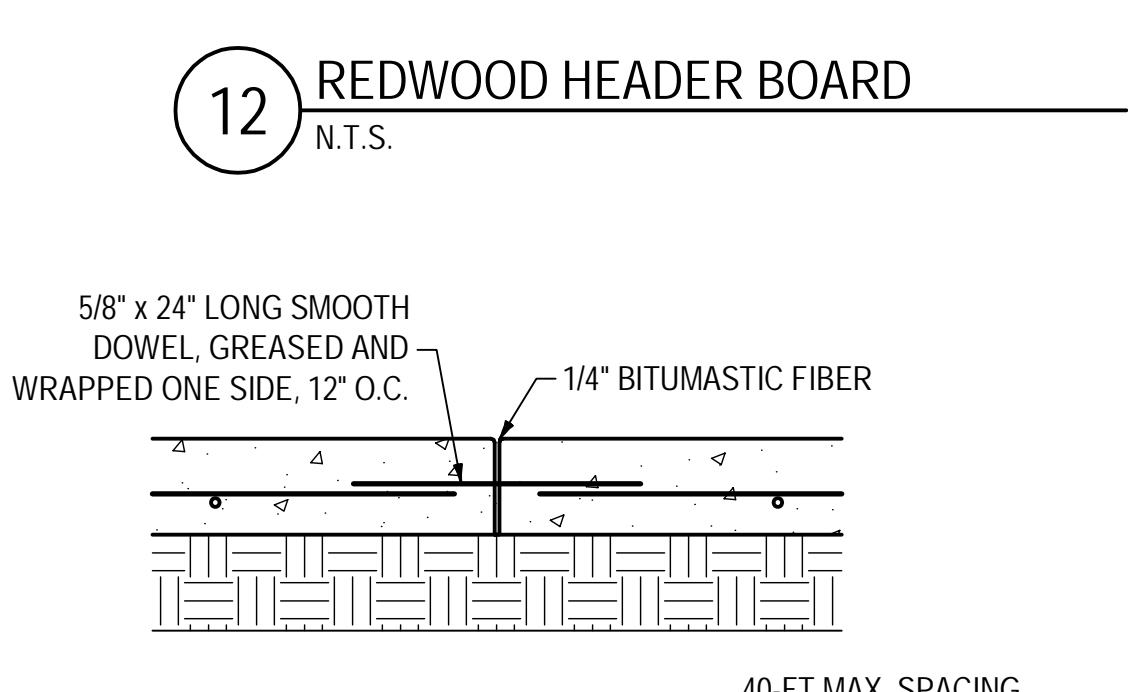
9 SIDEWALK AT LANDSCAPING
N.T.S.



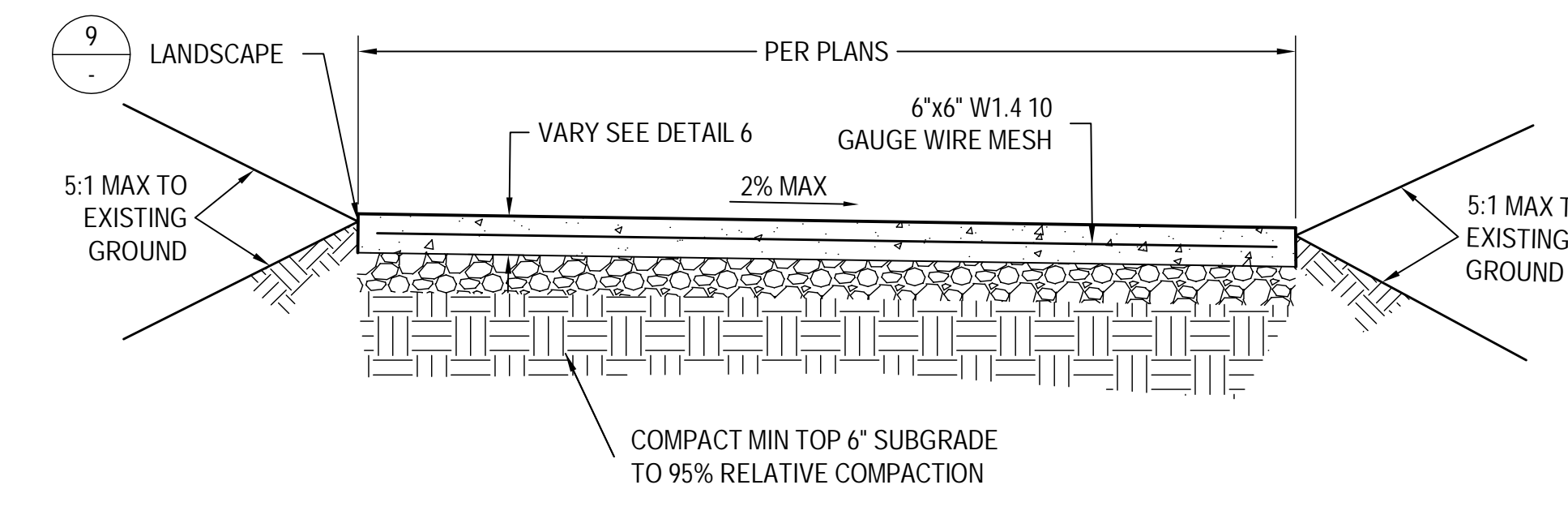
10 CONCRETE TRANSITION
N.T.S.



11 EXPANSION JOINT
N.T.S.



12 REDWOOD HEADER BOARD
N.T.S.



13 TYPICAL SIDE WALK CROSS SECTION
N.T.S.

GENERAL NOTES
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NO.	REMARKS	DATE

DRAWING STATUS	DATE
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<input type="radio"/> DISA BACK CHECK	
<input type="radio"/> BIDDING	
<input type="radio"/> CONSTRUCTION	

KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

DESIGN DEVELOPMENT
AQUATIC FACILITIES
RENOVATION &
REPLACEMENT -
VICTORY PARK POOL CITY
PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

CIVIL STANDARD DETAILS

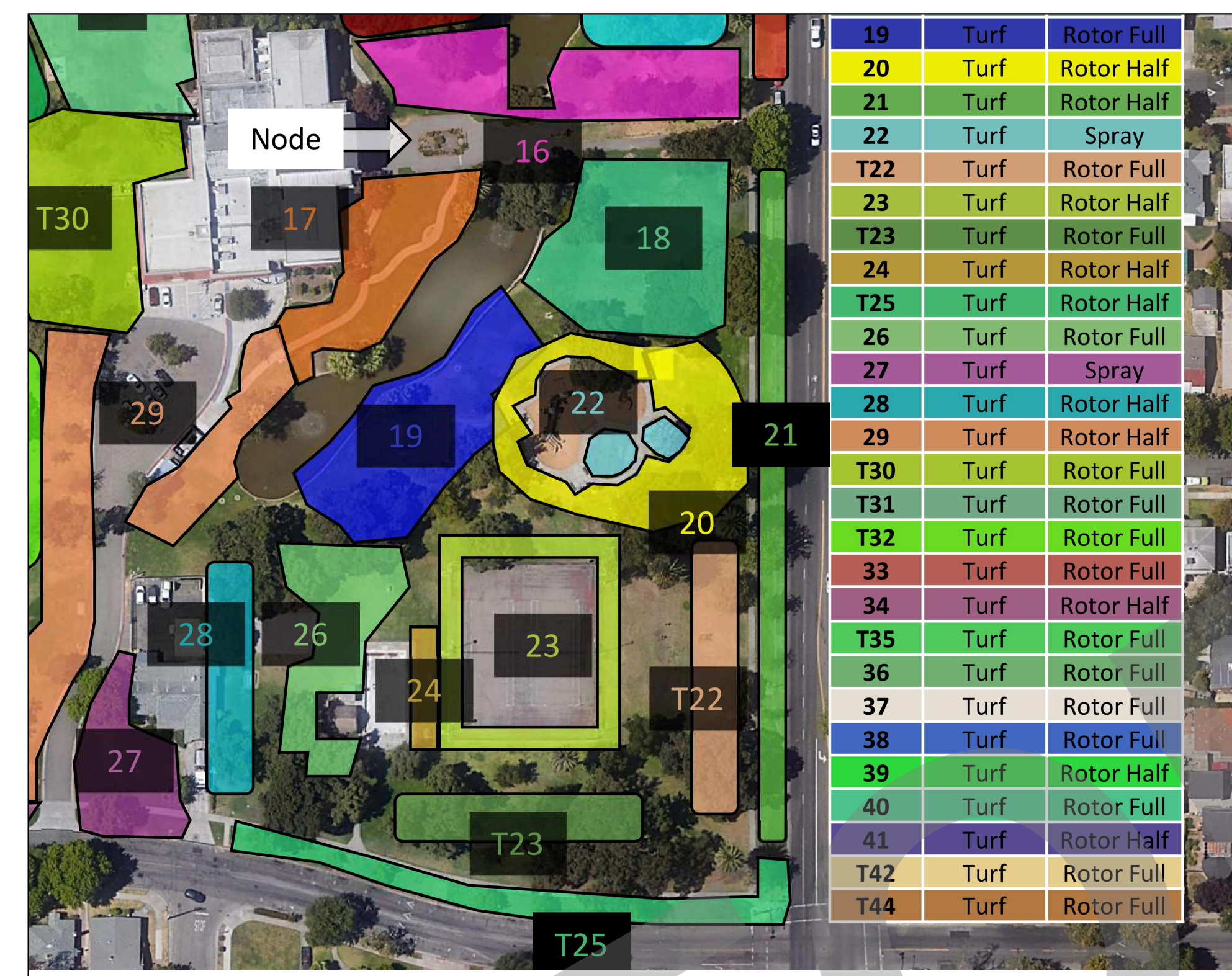
Date: 07/14/2023
Project Number: 2490-0010
Application Number: XX-XXXXXX
Drawing Number: C5.0
Drawn: PX
Checked: PMW

PRINT DATE: 1/17/2023 8:28:31 AM
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EXISTING CIRCUITS VICTORY PARK SITE

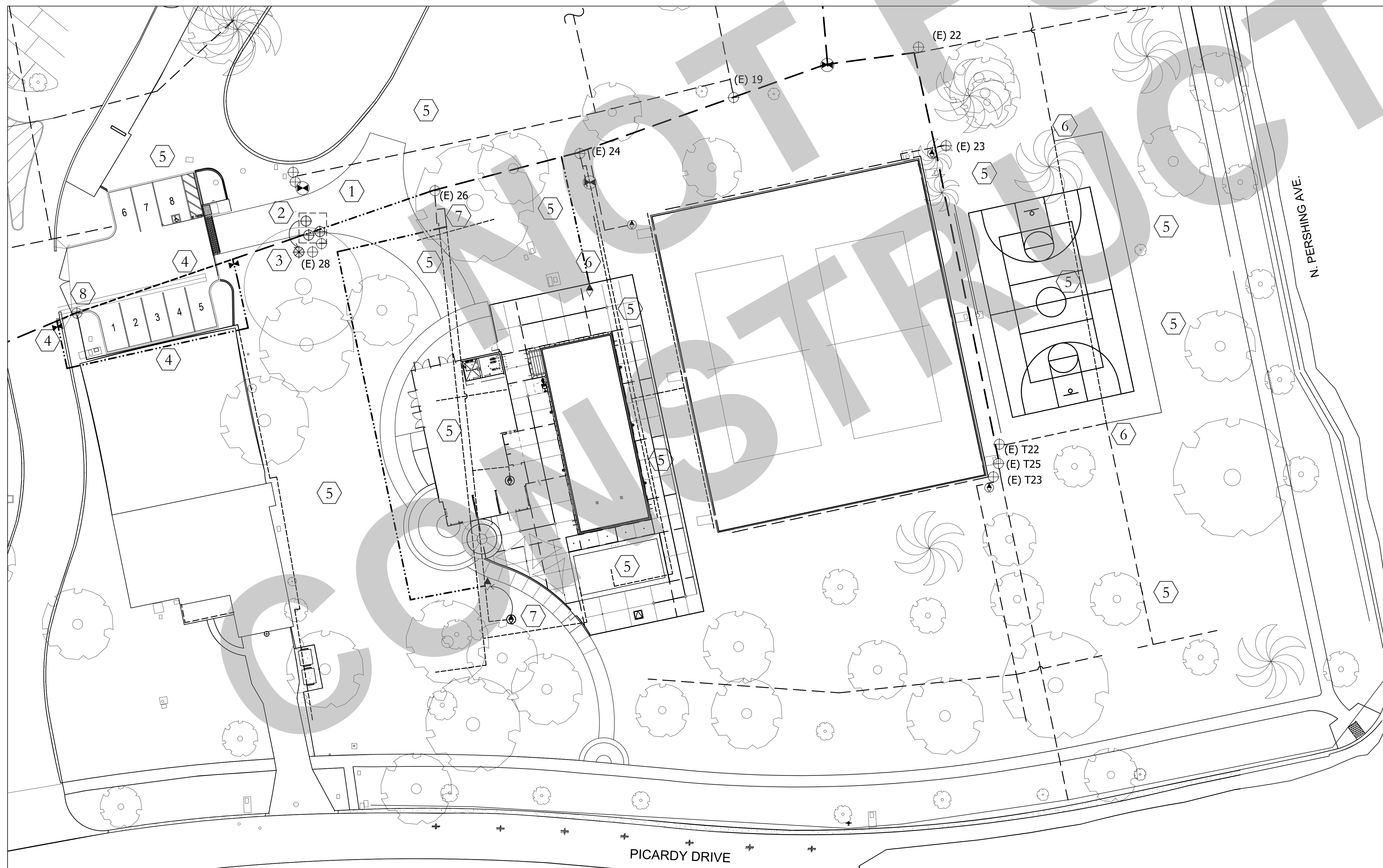
NO SCALE



BLOWUP OF EXISTING CIRCUITS IN PROJECT AREA

NO SCALE

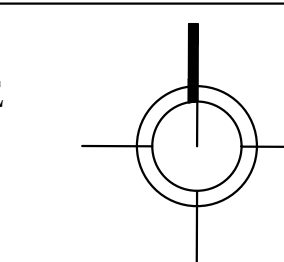
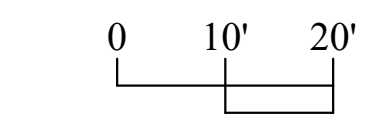
IRRIGATION CIRCUIT RENOVATION			
VALVE #	VALVE	SPRINKLER LAYOUT	TYPE
19	No change in valve location	Adjustments to sprinkler layout	Rotary sprinklers
23	No change in valve location	Adjustments to sprinkler layout	Rotary sprinklers
24	No change in valve location	New sprinkler layout	Spray sprinklers
26	No change in valve location	Additional sprinklers will be added to the circuit and adjustments made to the existing sprinkler layout	Rotary sprinklers
28	Relocate valve and change to drip valve See Legend Sheet L3.0 for model #	Remove existing sprinklers Install new dripline	Subsurface dripline
29	No change in valve location	Adjust sprinkler layout	Rotary sprinklers
T-22	No change in valve location	Adjust sprinkler layout	Rotary sprinklers
T-23	No change in valve location	Adjust sprinkler layout	Rotary sprinklers



EXISTING IRRIGATION ALTERATIONS

SCALE: 1" = 20' - 0"

GRAPHIC SCALE



LEGEND		
SYMBOL	DESCRIPTION	MODEL NO.
(E) 23	Remote Control Valve	Existing
(E) 23	Remote Control Valve	New
(E) 23	Gate Valve	Existing
(E) 23	Gate Valve	New
(E) 23	Quick Coupler	Existing
(E) 23	Quick Coupler	New
(E) 23	Main Line	Existing to remain
(E) 23	Main Line	Existing to be removed
(E) 23	Main Line	New
(E) 23	Lateral Line	Existing to remain
(E) 23	Lateral Line	Existing to be removed
(E) 23	Lateral Line	New

REFER TO IRRIGATION PLAN AND LEGEND ON SHEET L3.0 FOR MORE INFORMATION

KEYNOTES:

- There are existing irrigation main lines and lateral lines and perhaps remote control valve (RCV) wires crossing at the new drive aisles. If necessary, prior to construction, the Contractor shall lower the pipes and wires and place within (N) SCH 40 PVC sleeves twice the diameter of the pipe.
- Existing remote control valves and valve wires to be relocated.
- Replace existing remote control valve #28 with new Drip Control Zone Valve. See Irrigation Plan and Legend Sheet L3.0.
- Redirect existing main line around the proposed parking lot area.
- Existing irrigation circuits will be revised and some existing lateral pipe and sprinklers removed. Some lateral pipes will be rerouted as shown by Notes #6 and #7. Refer to the Legend on this Sheet, the Irrigation Circuit Renovation Table on this Sheet and the Irrigation Plan Sheet L3.0.
- Tie into existing lateral line to divert for new circuit layout.
- Relocate existing quick coupler valve. Tie into existing quick coupler line to provide diversion around project area to new valve location.
- Valve number is unknown. Contractor to determine area of irrigation and contact Landscape Architect for direction.

The existing irrigation circuits depicted here are believed to be accurate but will require investigation by the Contractor for confirmation. Contact the Landscape Architect if there are discrepancies. The information was compiled from a Victory Park As Built Irrigation Plan, Topographic Survey and the Irrigation Map shown here prepared by the BrightView maintenance crew. The valve id tag numbers in the valve boxes probably do not match the BrightView Map.

The Contractor is responsible for locating and protecting existing utilities. The Contractor is responsible for ensuring continuation of complete coverage to (E) plantings and for the restoration and/or repair of the irrigation pipes, RCV wire and sprinkler heads.

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LANDSCAPE ARCHITECT 2702
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NO.	REMARKS

REVISION HISTORY	DATE

DRAWING STATUS
<input type="checkbox"/> DSA PLAN CHECK
<input type="checkbox"/> DSA BACK CHECK
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<input type="checkbox"/> CONSTRUCTION

CITY OF STOCKTON
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STOCKTON, CA 95202

DESIGN DEVELOPMENT
AQUATIC FACILITIES
RENOVATION AND
REPLACEMENT
VICTORY PARK POOL
CITY PROJECT NO. CR180
1201 N. PERSHING AVE
STOCKTON, CA 95203

EXISTING IRRIGATION
ALTERATIONS

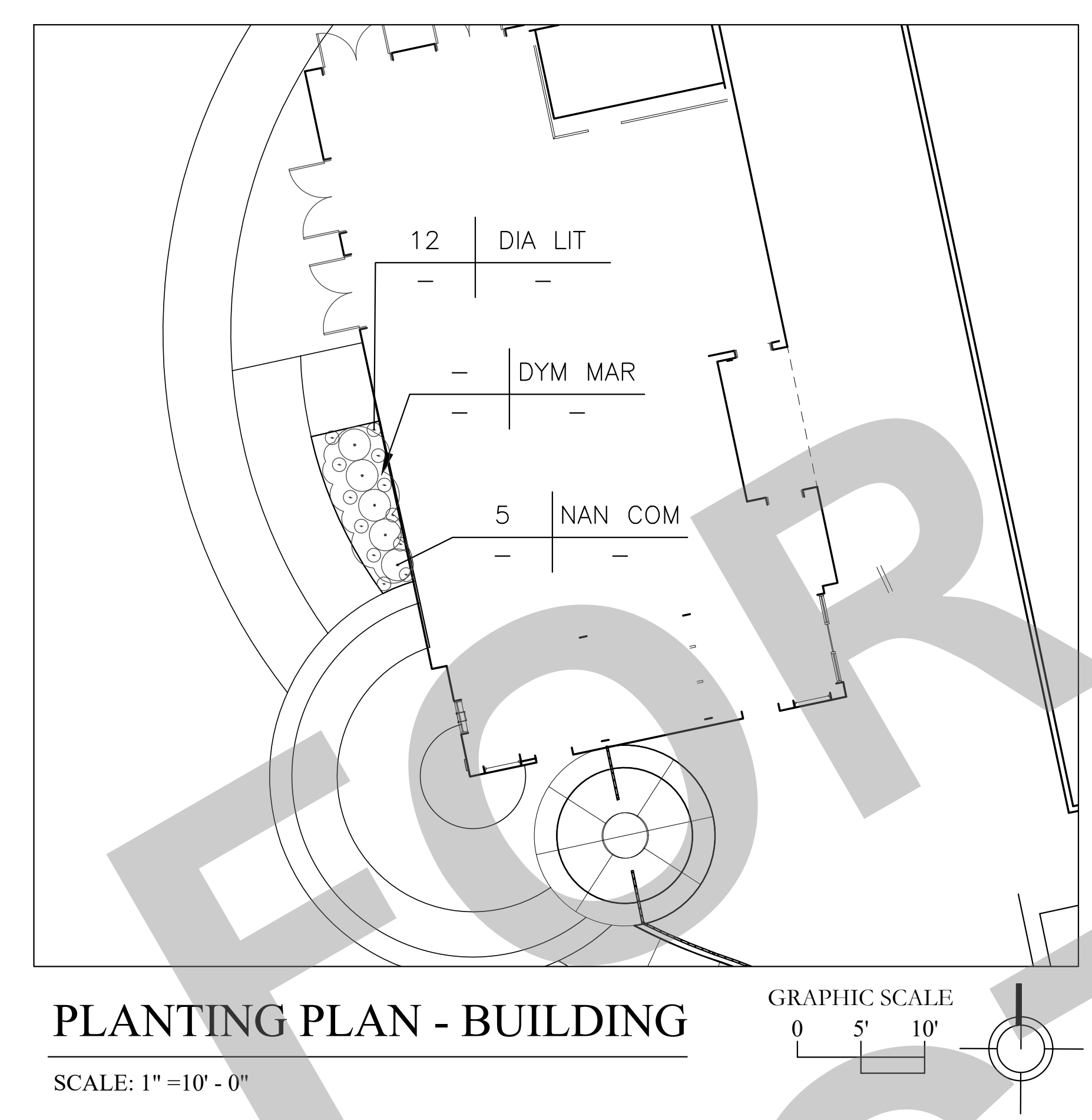
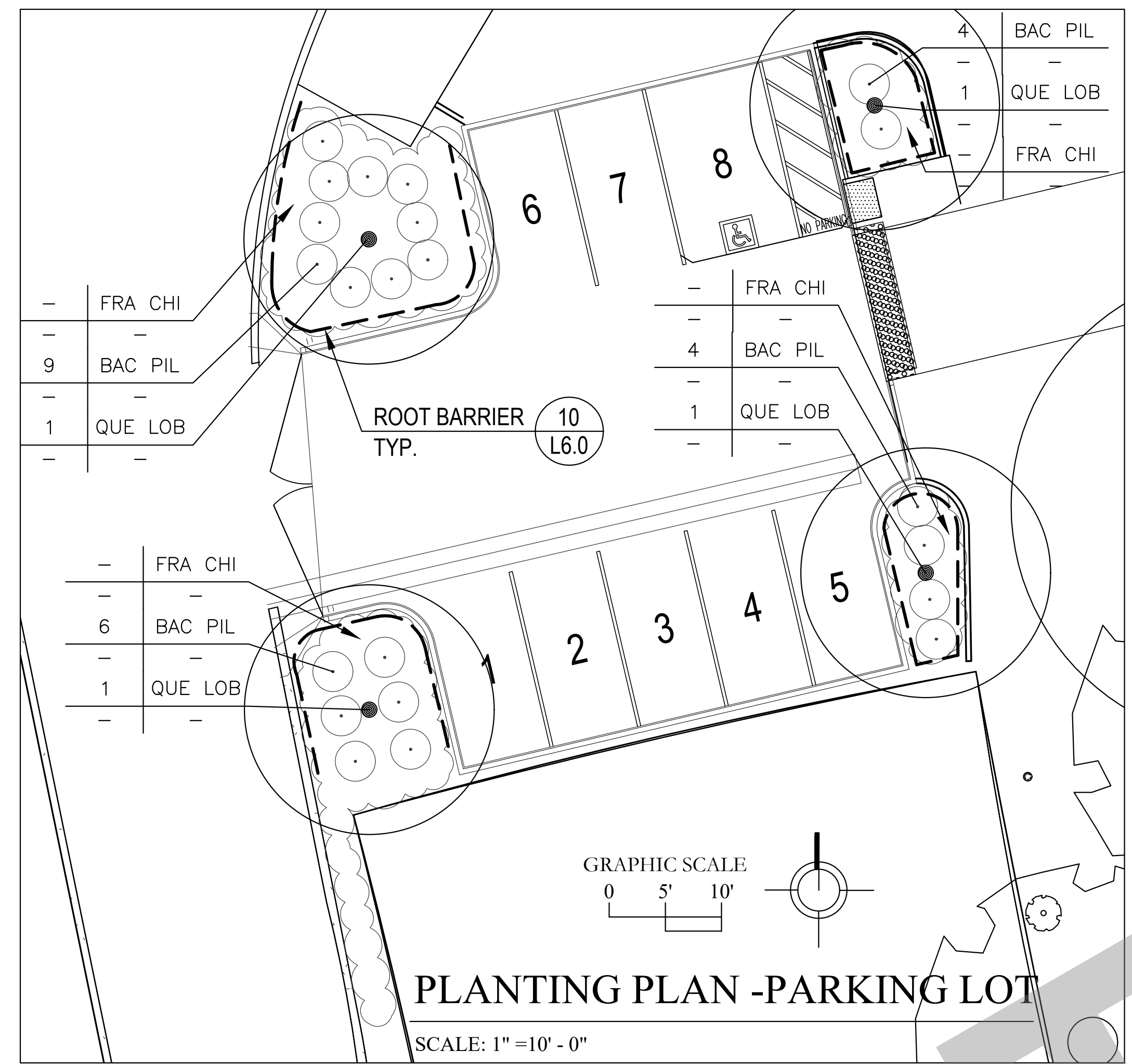
Date 02/10/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number L2.0
Drawn Checked	Author Checker

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VICTORY PARK POOL PLANT LIST
The Plant list is provided as a convenience to the Contractor. In case of a discrepancy the Planting Plan shall prevail.

CODE	BOTANICAL NAME	COMMON NAME	SIZE	QUANT	WUCOLS
TREES					
QUE LOB	Quercus lobata	Valley Oak	24" box	4	LOW
SHRUBS					
BAC PIL	Baccharis pilularis 'Twin Peaks'	Dwarf Coyote Bush	1 gal	21	LOW
DIA LIT	Dianella 'Little Rev'	Little Rev Flax Lily	1 gal	12	LOW
NAN COM	Nandina 'Compacta'	Compact Nandina	5 gal	5	LOW
GROUND COVER					
DYM MAR	Dymondia margaritae	Silver Carpet	1 gal	12" oc	LOW
FRA CHI	Fragaria chiloensis	Beach Strawberry	1 gal	18" oc	LOW
LAWN	90/10 Tall Fescue	Available from Delta Bluegrass Sod			LOW



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DESIGN DEVELOPMENT
AQUATIC FACILITIES
RENOVATION AND
REPLACEMENT
VICTORY PARK POOL
CITY PROJECT NO. CR180
1201 N. PERSHING AVE
STOCKTON, CA 95203

PLANTING PLAN

Date: 02/10/2023
Application Number: XX-XXXXXX
Drawn: Author
Checked: Checker

Project Number: 22009
Drawing Number: L4.0

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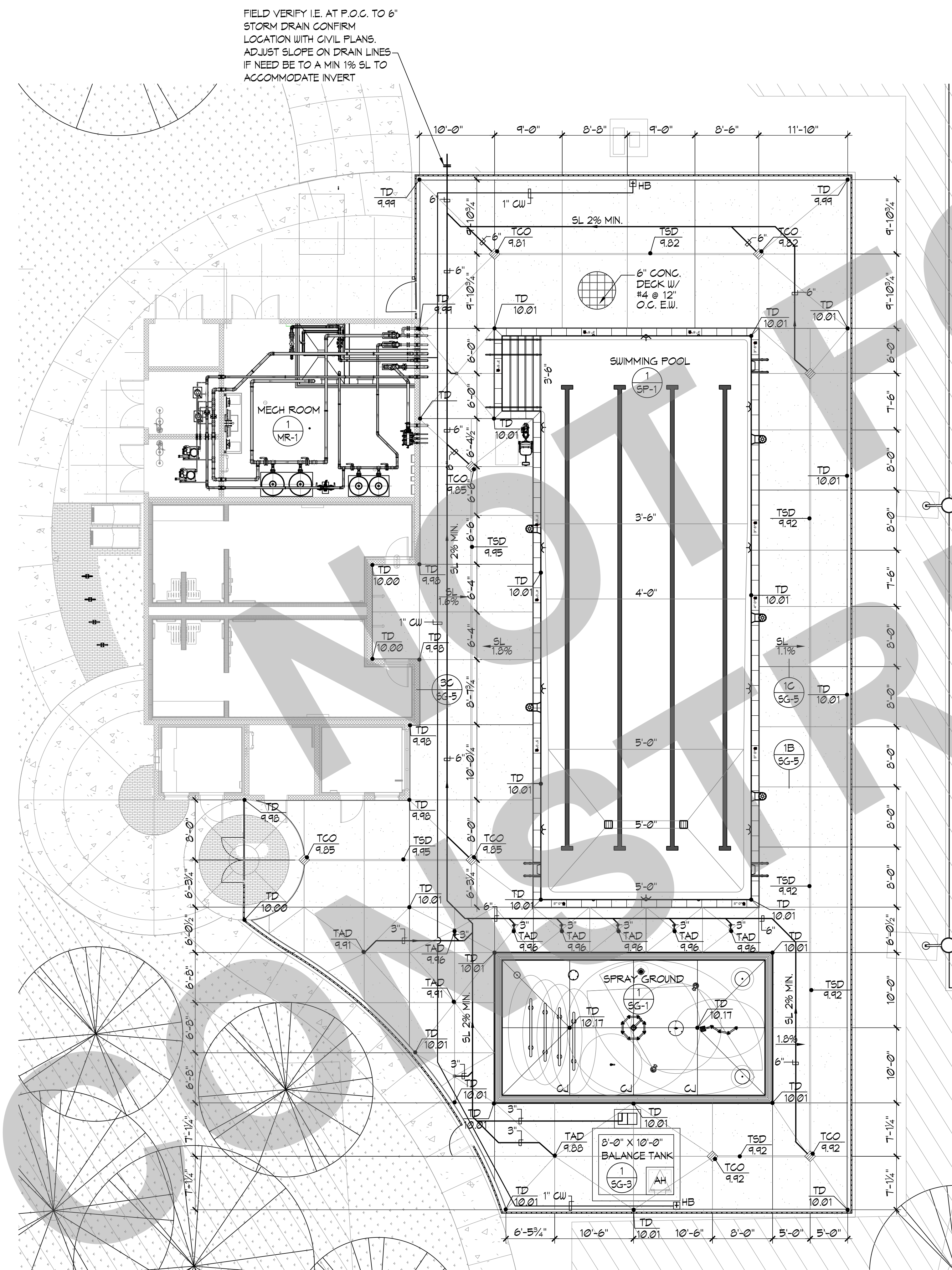
SWIMMING POOL DATA

SURFACE AREA	=	2,152 SQ. FT.
PERIMETER	=	216 FT.
DEPTH	=	3'-6" TO 5'-0"
VOLUME	=	66,650 GAL.
6 HR TURNOVER	=	185 GPM

LEGEND

EJ	=	EXPANSION JOINT	1A	1C
CJ	=	CONTROL JOINT	1B	1C
TSD	=	TOP OF SLOT DRAIN	1B	1C
TCO	=	TOP OF CLEAN-OUT	1A	1C
TAD	=	TOP OF AREA DRAIN	4	5
AL	=	ACCESSIBLE LIFT	5	5
HB	=	HOSE BIBB	5	5
CW	=	COLD WATER		
SL	=	SLOPE DIRECTION		
WL	=	WATERLEVEL		
TD	=	TOP OF DECK		
TFF	=	TOP OF FINISHED FLOOR		
I.E.	=	INVERT ELEVATION		
P.O.C.	=	POINT OF CONNECTION		
SD	=	STORM DRAIN		
AH	=	ACCESS HATCH		

- NOTES:**
- COORDINATE SIGNAGE PLACEMENT AND COLOR SCHEME WITH OWNER PRIOR TO INSTALLATION.
 - DECKS SHALL HAVE 1% MIN. SLOPE AND 2% MAX. SLOPE TO DRAINS.
 - ALL POOL DECKING SHALL BE NON-SLIP AND NON-ABRASIVE MEDIUM BROOM FINISH WITH MIN. 4 FOOT WIDTH TYP. NATURAL GRAY CONCRETE UNLESS OTHERWISE NOTED.
 - REFER TO ARCHITECTURAL PLANS FOR LOCATIONS AND QUANTITY OF REQUIRED EXITS, DRINKING FOUNTAINS, AND SANITARY FIXTURES.
 - THE POOL CANNOT BE WITHOUT AN APPROVED POOL ENCLOSURE AT ANY TIME, INCLUDING DURING CONSTRUCTION AND INSTALLATION OF THE NEW POOL ENCLOSURE.
 - CONTRACTOR CAN REQUEST CAD FILE FOR DECK LAYOUT AND SURVEY FROM ARCHITECT.



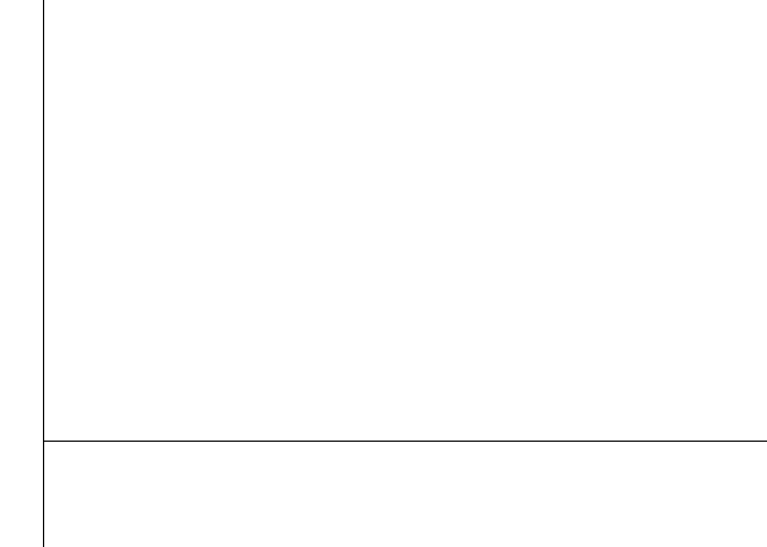
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KEY PLAN



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STOCKTON, CA 95202

DESIGN DEVELOPMENT

VICTORY PARK POOL
CITY OF STOCKTON
1001 N PERSHING AVE
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SWIMMING POOL DECK PLAN

Date	MM/DD/YYYY	Project Number	22009
Application Number	XX-XXXXXX	Drawing Number	DP-1
Drawn	Checked	Author	Checker

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KEY PLAN

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DESIGN DEVELOPMENT

VICTORY PARK POOL
CITY OF STOCKTON
1001 N PERSHING AVE
STOCKTON, CA 95203

SWIMMING POOL
PIPING PLAN

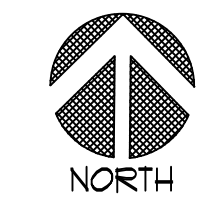
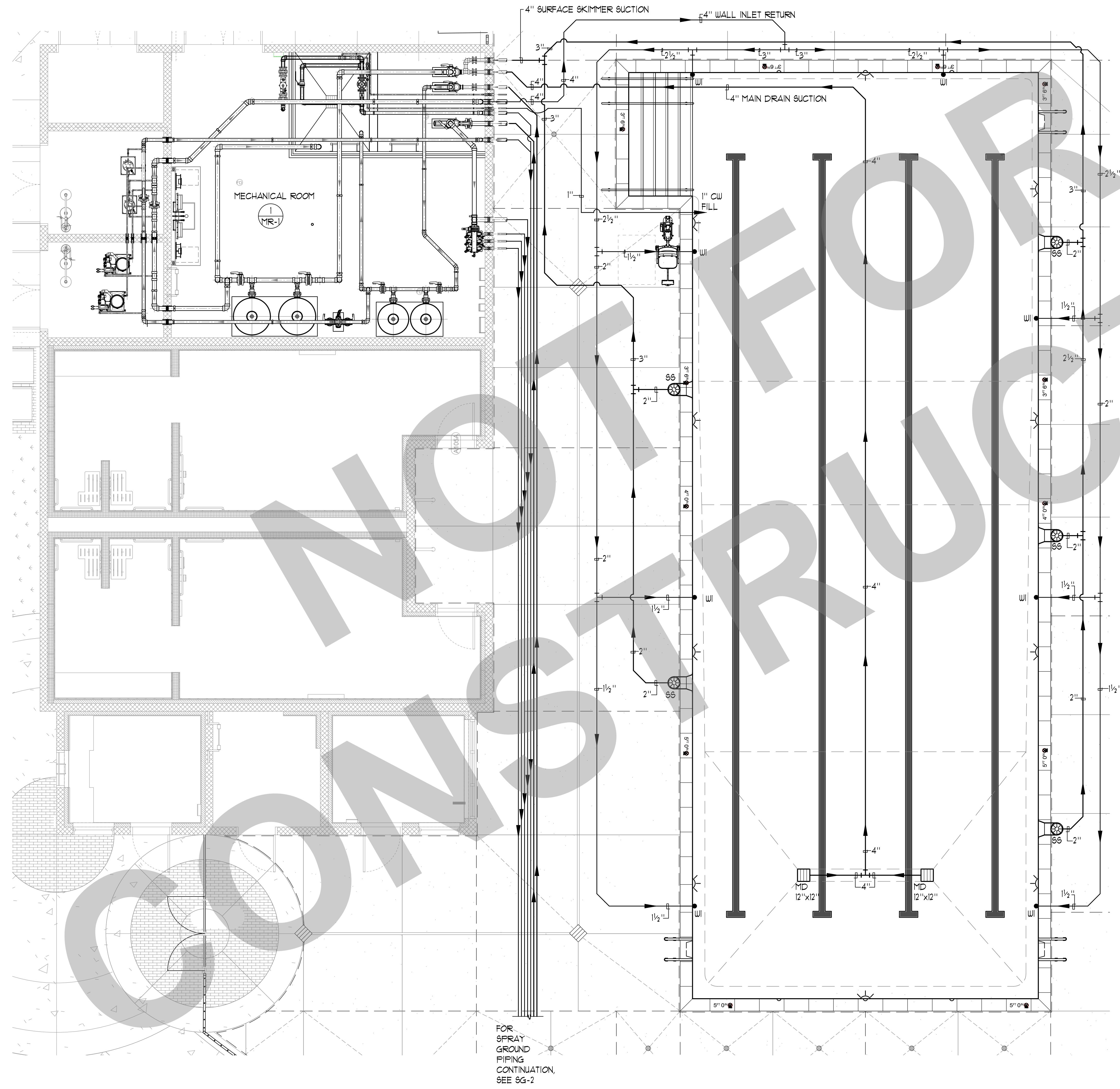
Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number SP-2
Drawn Author	Checked Checker

SWIMMING POOL DATA

SURFACE AREA	=	2,152 SQ. FT.
PERIMETER	=	216 FT.
DEPTH	=	3'-6" TO 5'-0"
VOLUME	=	66,650 GAL.
6 HR TURNOVER	=	185 GPM

LEGEND

MD	=	MAIN DRAIN	①	SP-5
SS	=	SURFACE SKIMMER	②	SP-6
WI	=	WALL INLET	③	SP-6
DM	=	DEPTH MARKER	④	SP-5
ND	=	NO DIVING MARKER	⑤	SP-5
HR	=	HANDRAIL	⑥	SP-5
UL	=	UNDERWATER LIGHT	⑦	SP-7
AL	=	ACCESSIBLE LIFT	⑧	SP-6
GR	=	GRAB RAIL	⑨	SP-6
RA	=	ROPE ANCHOR	⑩	SP-6



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

KEY PLAN

CITY OF STOCKTON
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DESIGN DEVELOPMENT

VICTORY PARK POOL
CITY OF STOCKTON
1001 N PERSHING AVE
STOCKTON, CA 95203

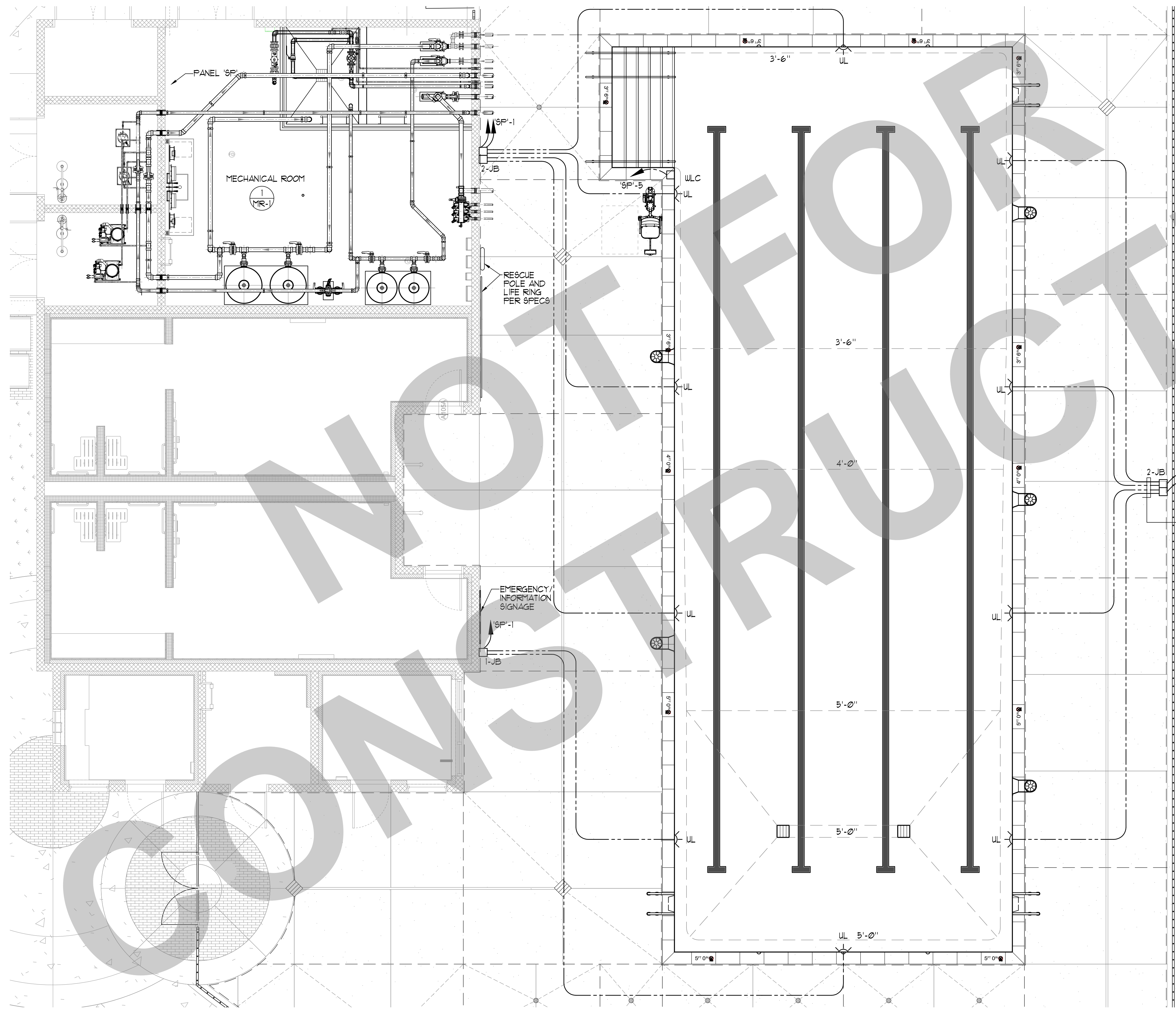
SWIMMING POOL
LIGHTING PLAN

SWIMMING POOL DATA

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PERIMETER	=	216 FT.
DEPTH	=	3'-6" TO 5'-0"
VOLUME	=	66,650 GAL.
6 HR TURNOVER	=	185 GPM

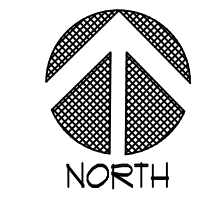
LEGEND

WLC	=	WATER LEVEL CONTROLLER	
JB	=	JUNCTION BOX	
UL	=	UNDERWATER LIGHT	



1" CONDUIT W/ 2-18 & 1-18 SOLID GREEN TO LIGHT PANEL TYP. ALL UNDERWATER LIGHTS SHALL BE ON GFCI CIRCUITS.

1" CONDUIT W/ 1-18 SOLID AND LAMP CORD TO JUNCTION BOX



Date	MM/DD/YYYY	Project Number	22009
Application Number	XX-XXXXXX	Drawing Number	SP-3
Drawn	Checked	Author	Checker

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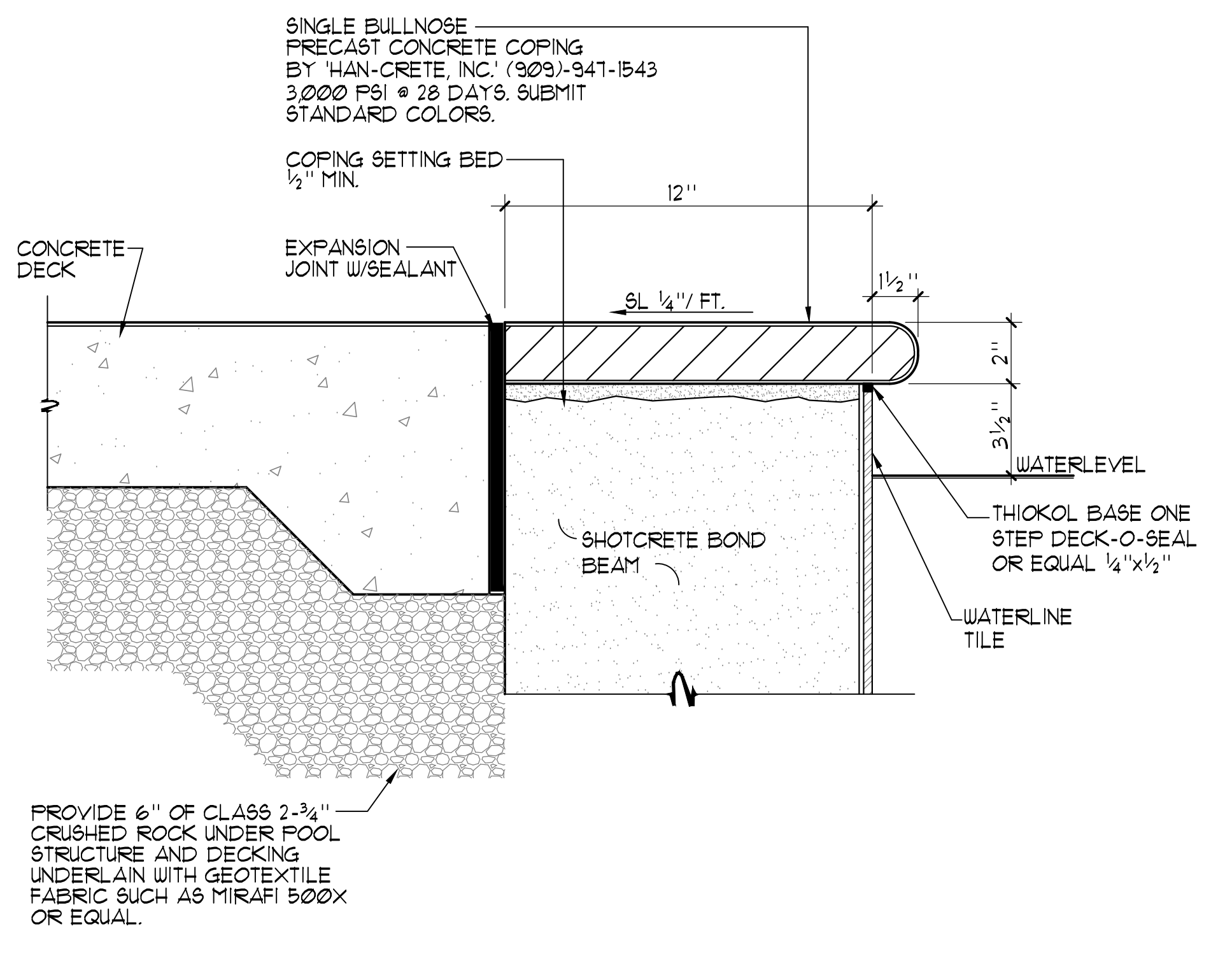
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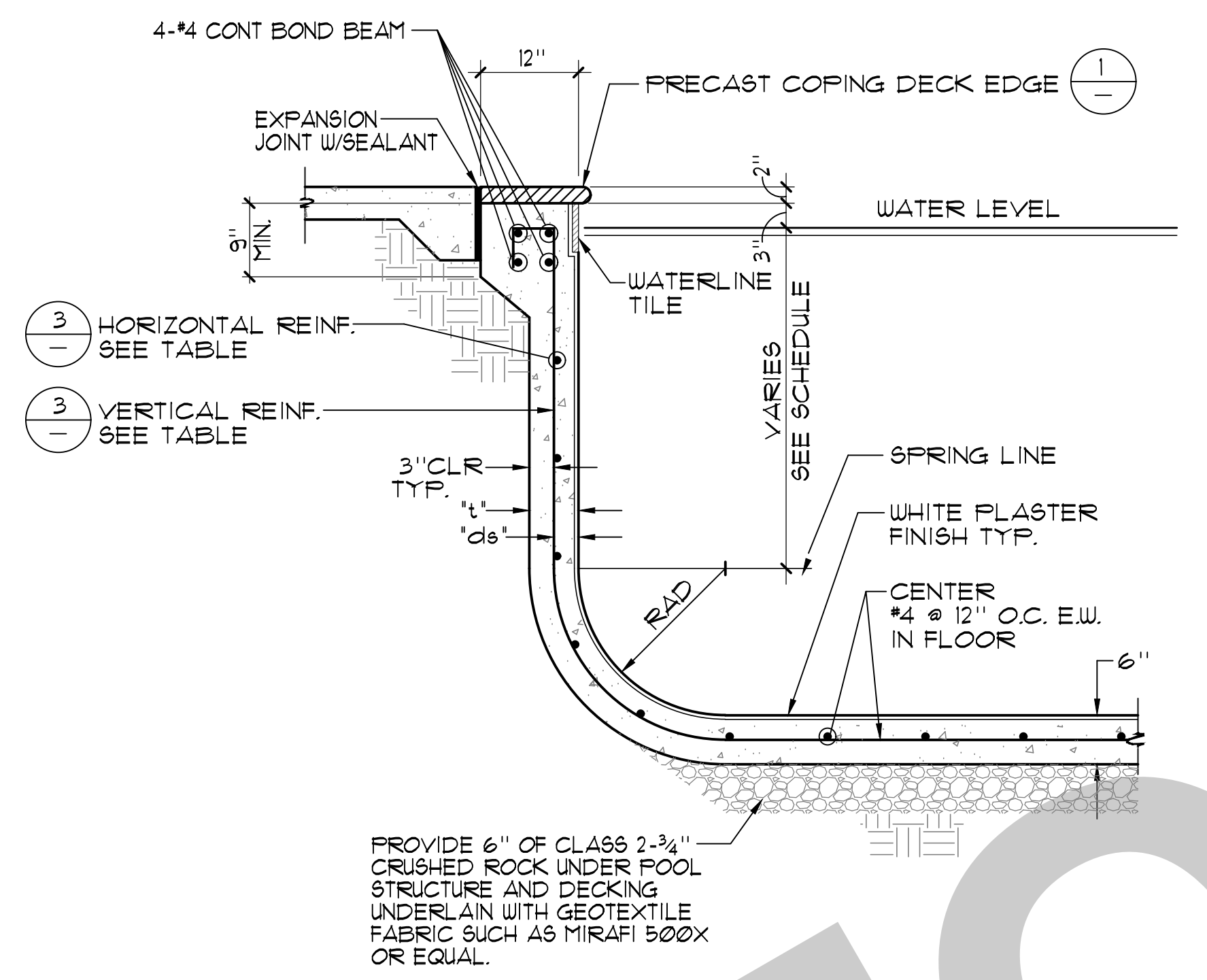
2226 Forester Ave, Carlsbad, CA 92008
AquaticDesignGroup.com
760.458.8400

REINFORCEMENT TABLE				
WATER DEPTH	1'	1'6"	RADIUS	
3'-6" TO 5'-0"	6"	3"	6"	#4 @ 12" O.C. #4 @ 12" O.C.

- CONCRETE NOTES:**
- THE MINIMUM ULTIMATE COMPRESSIVE STRENGTH AT 28 DAYS WITH A 0.40-0.50 WATER/CEMENT RATIO
POOL = 4000 PSI
SLAB-ON-GRADE = 4000 PSI
 - CONTINUOUS INSPECTION BY AN APPROVED INSPECTOR IS REQUIRED OF ALL CONCRETE PLACEMENT.
 - ALL CEMENT USED SHALL CONFORM TO A.S.T.M. C-150 TYPE II
 - FINE AND COARSE AGGREGATE SHALL CONFORM TO A.S.T.M. C-33. MAXIMUM SIZE OF AGGREGATE TO BE 1"
 - CONCRETE MIX DESIGNS SHALL BE BASED UPON CBC SECTION 1905.
 - CONCRETE SHALL BE TESTED AND INSPECTED PER SECTION CBC 110B.3 AND 1905.
 - REMOVAL OF FORMS SHALL COMPLY WITH CBC SECTION 1905.
 - ALL REINFORCING SHALL BE ASTM A-615, GRADE 60, UNLESS OTHERWISE NOTED. LAPS SHALL BE 64 BAR DIA.
- SHOTCRETE NOTES:**
- SHOTCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. SHOTCRETE MATERIAL SHALL HAVE A WATER/CEMENT RATIO OF 0.40-0.50 PER ACI 506R, CHAPTER 6, PROPORTIONING AND FRECONSTRUCTION TESTING, SECTION 6.33, WET-MIX PROCESS.
 - CONTINUOUS INSPECTION BY AN APPROVED INSPECTOR IS REQUIRED OF ALL SHOTCRETE PLACEMENT.
 - ALL CEMENT USED SHALL CONFORM TO A.S.T.M. C-150 TYPE II
 - FINE AND COARSE AGGREGATE SHALL CONFORM TO A.S.T.M. C-33. MAXIMUM SIZE OF AGGREGATE TO BE 3/8"
 - SHOTCRETE MIX DESIGNS SHALL BE PER CBC SECTION 190B.2.
 - SHOTCRETE SHALL BE TESTED AND INSPECTED PER CBC SECTION 190B.5 AND 1905.3.
 - ANCHOR BOLTS, ANCHORS, DOUELS, INSERTS, ETC. SHALL BE SECURELY TIED IN PLACE PRIOR TO PLACING OF SHOTCRETE.
 - ALL REINFORCEMENT WITHIN SHOTCRETE SHALL MAINTAIN MINIMUM 2" CLEAR NON-CONTACT SPLICES.
 - THE FILM OF LAITANCE WHICH FORMS ON THE SURFACE OF THE SHOTCRETE SHALL BE REMOVED WITHIN APPROXIMATELY TWO HOURS AFTER APPLICATION BY BRUSHING WITH A STIFF BRUSH. IF THIS IS NOT REMOVED WITHIN TWO HOURS, IT SHALL BE REMOVED BY THOROUGH WIRE BRUSHING OR SAND BLASTING. CONSTRUCTION JOINTS OVER EIGHT HOURS OLD SHALL BE THOROUGHLY CLEANED WITH AIR AND WATER PRIOR TO RECEIVING SHOTCRETE.
 - ALL REINFORCING SHALL BE ASTM A-615, GRADE 60, UNLESS OTHERWISE NOTED. LAPS SHALL BE 64 BAR DIA.

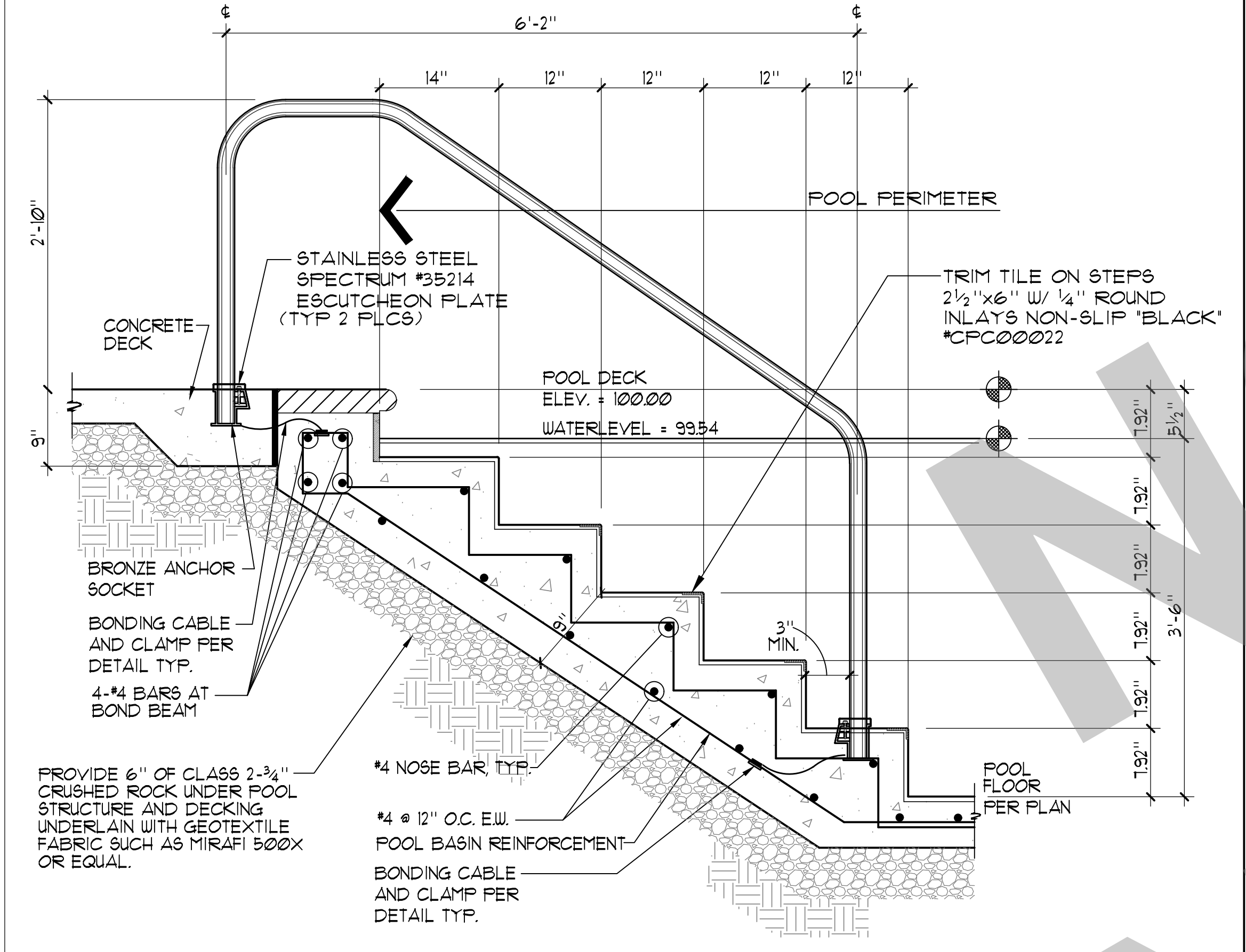


1 TYPICAL COPING EDGE DETAIL 3/4" = 1'-0"

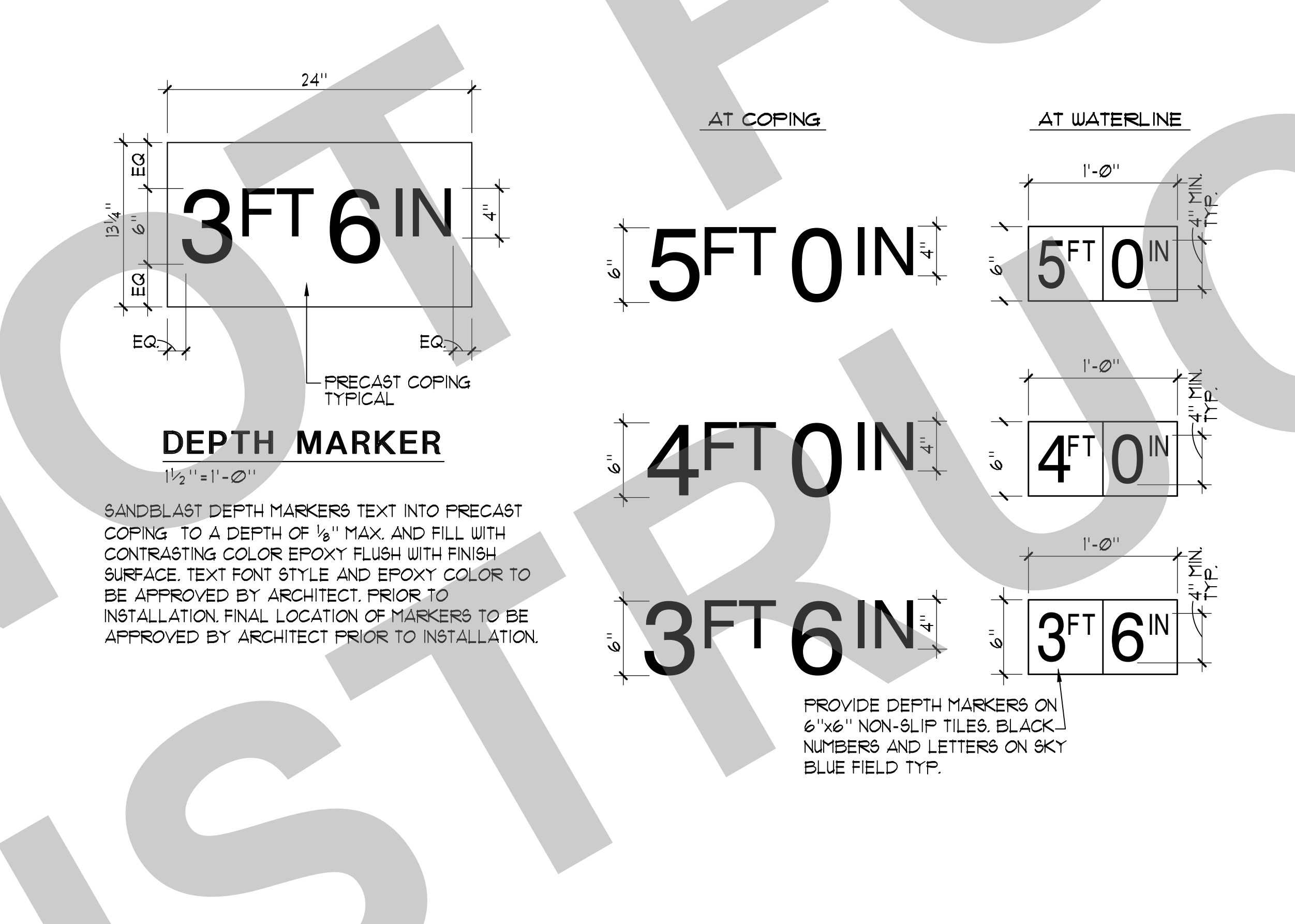


2 POOL WALL DETAIL 3'-6" TO 5'-0" 3/4" = 1'-0"

3 REINFORCEMENT TABLE



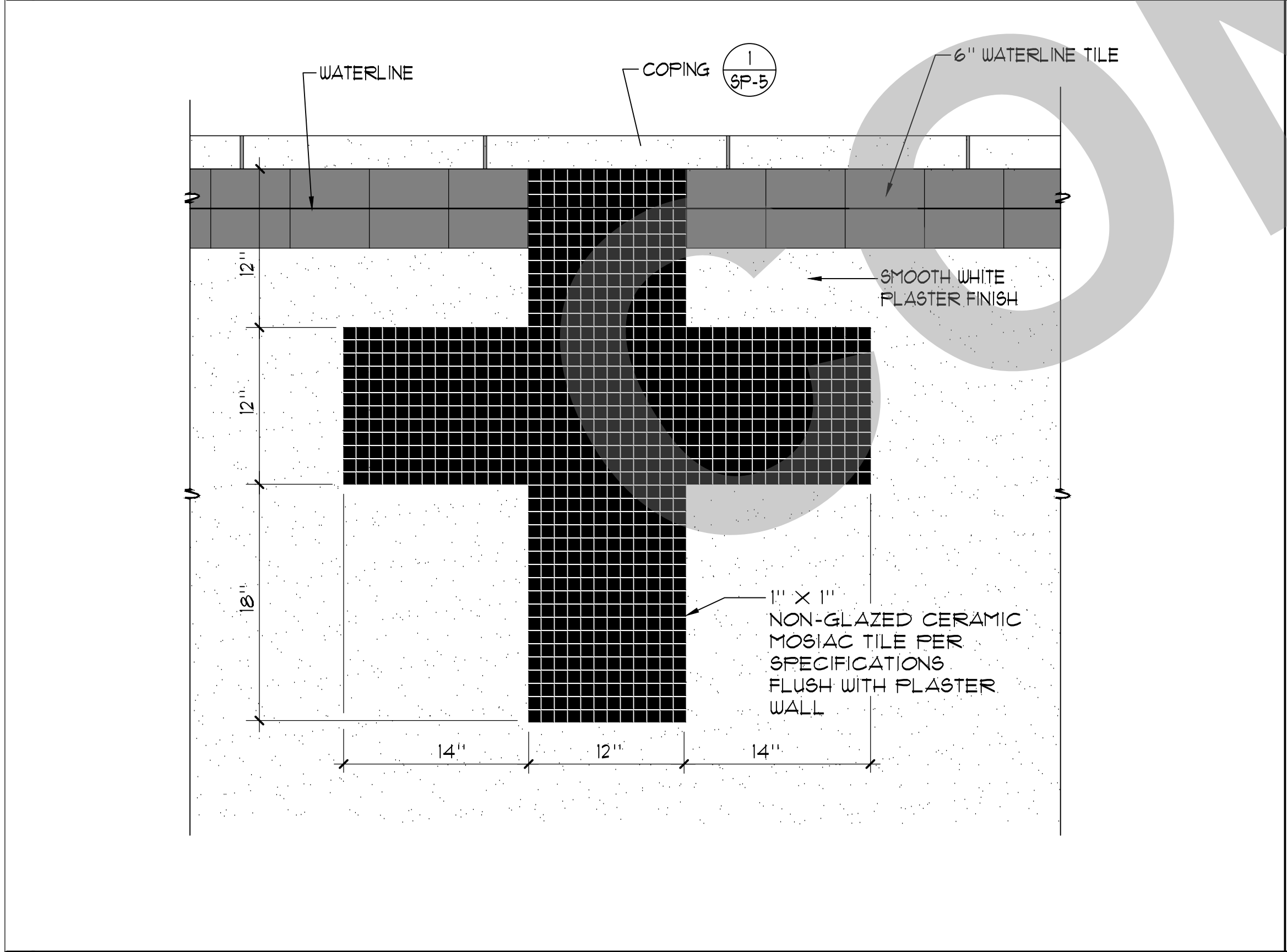
4 SWIMMING POOL HANDRAIL DETAIL 1" = 1'-0"



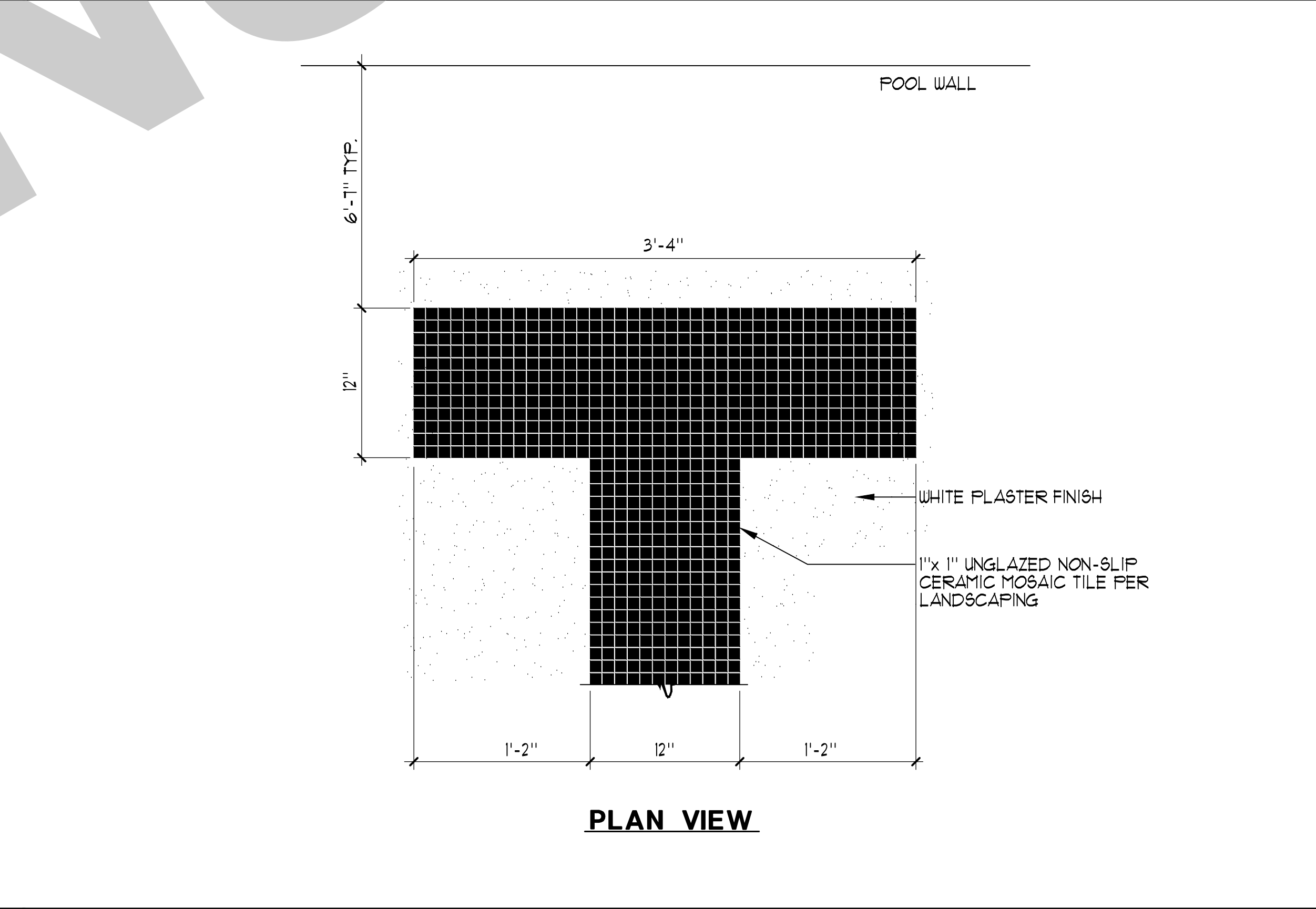
5 DEPTH MARKERS NO SCALE



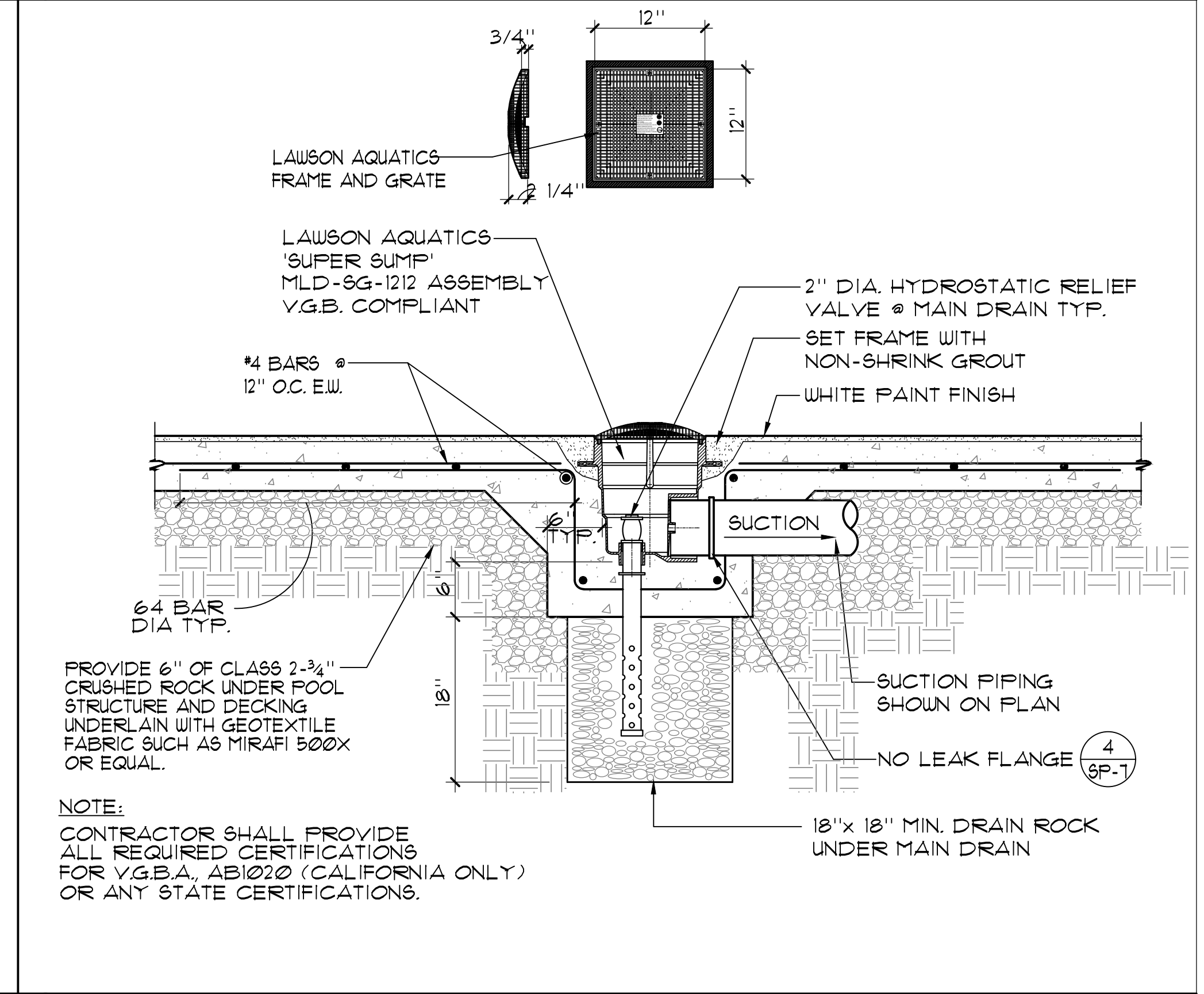
6 NO DIVING MARKERS 1 1/2" = 1'-0"



7 END WALL TARGET 1 1/2" = 1'-0"



8 RACING LANE LINE 1 1/2" = 1'-0"



9 MAIN DRAIN 1" = 1'-0"

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NO.	REMARKS	DATE

DATE

DATE

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STOCKTON, CA 95202

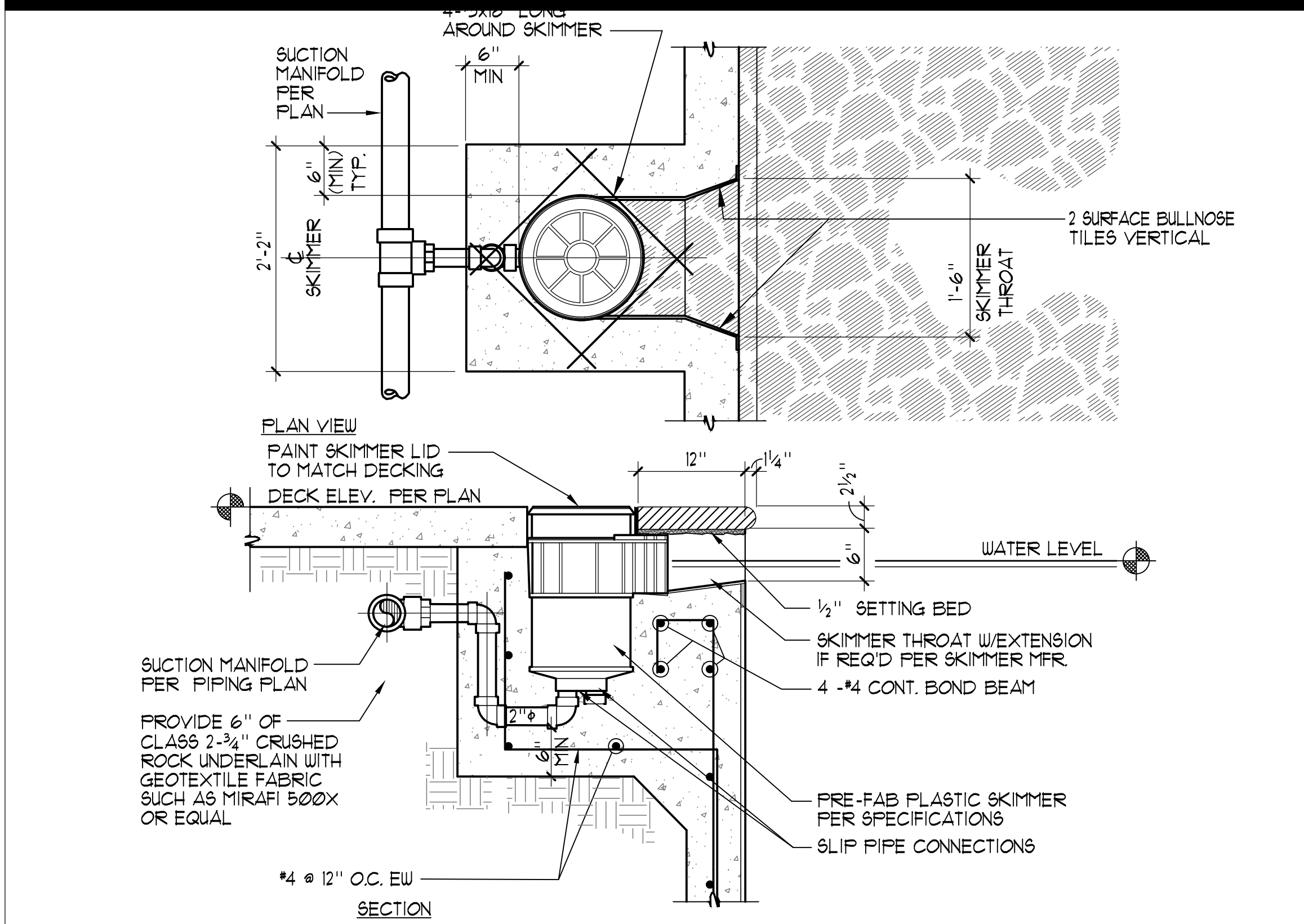
DESIGN DEVELOPMENT

VICTORY PARK POOL
CITY OF STOCKTON
1001 N PERSHING AVE
STOCKTON, CA 95203

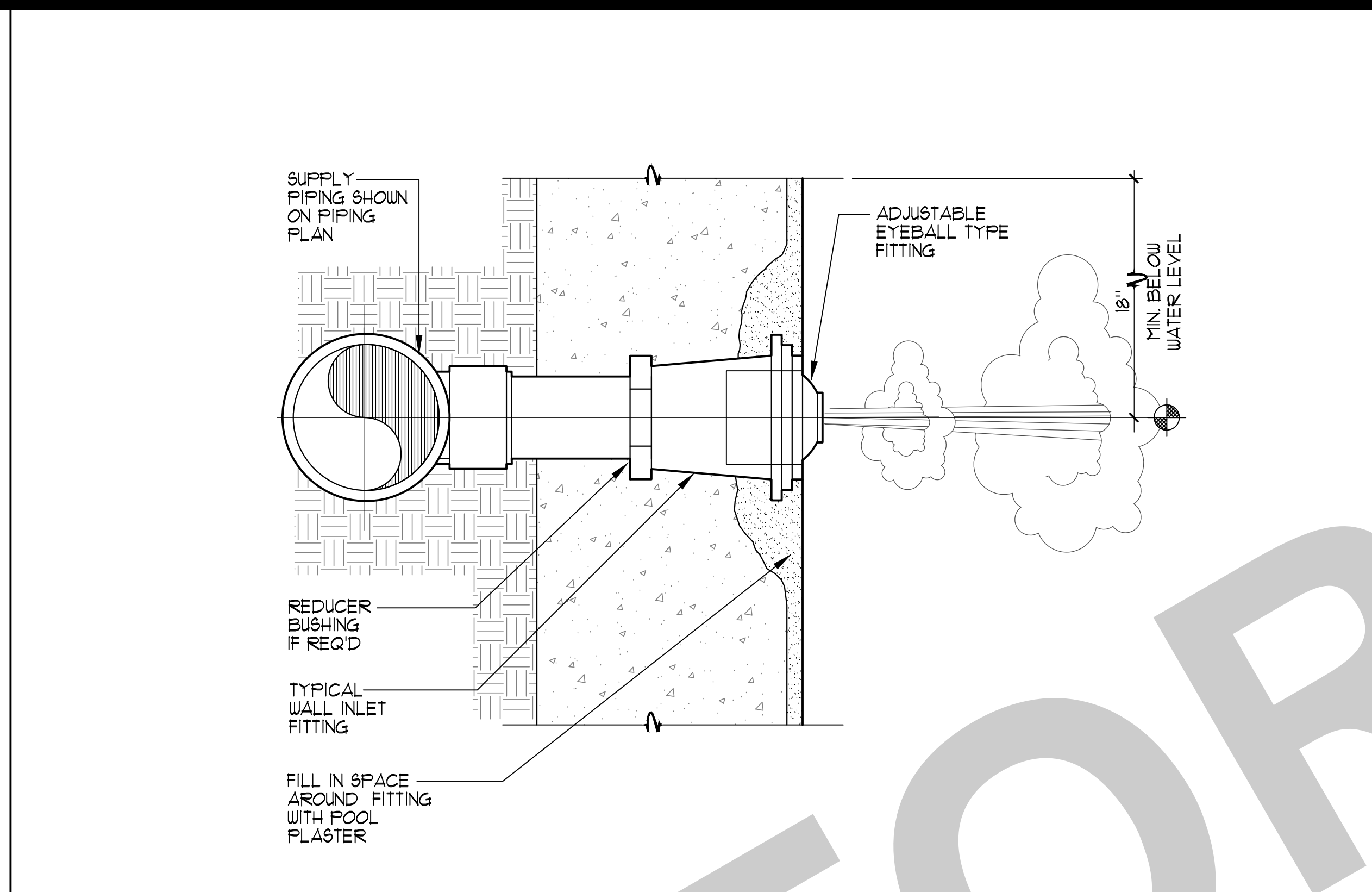
DETAILS

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number SP-5
Drawn Checked	Author Checker

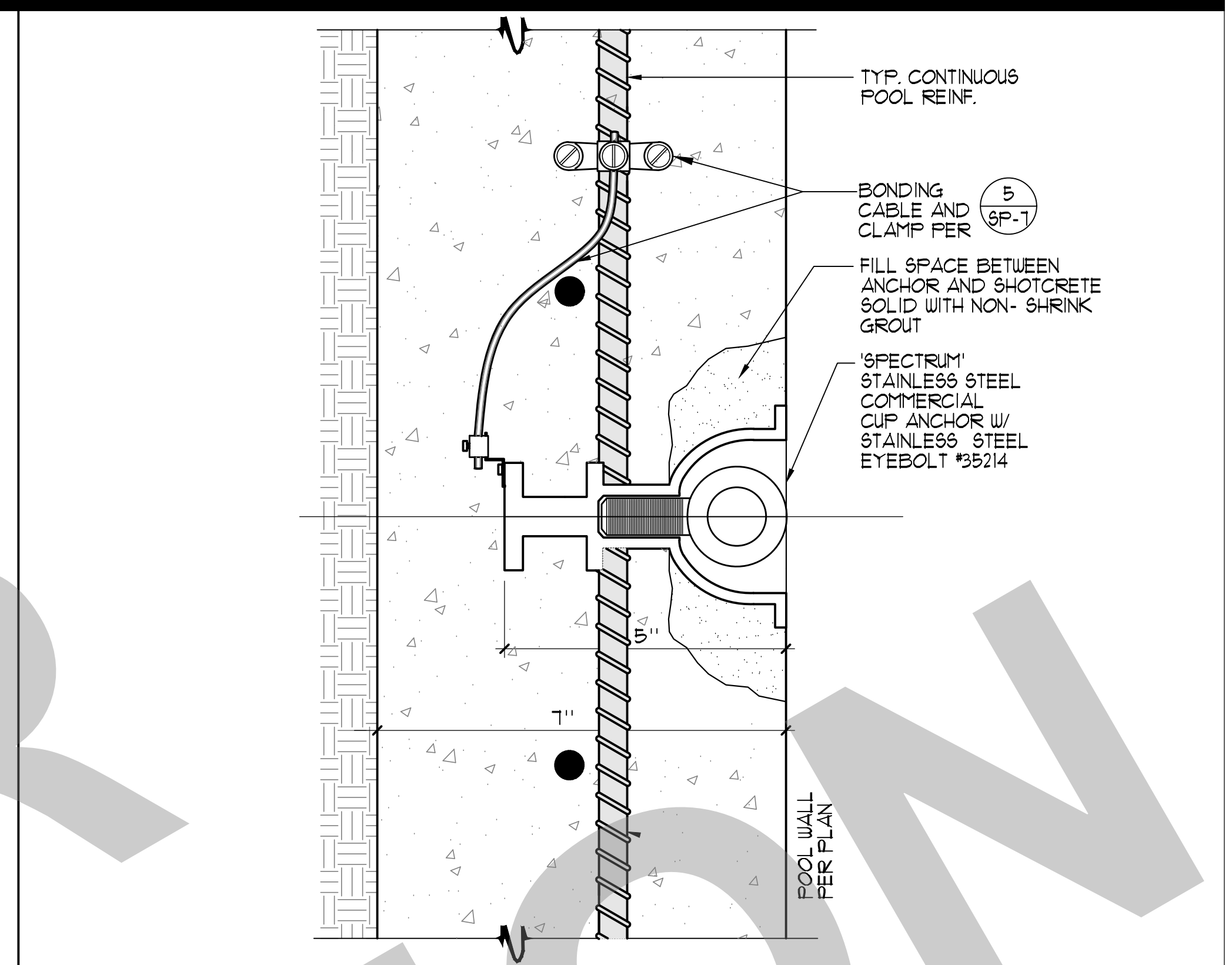
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FILE PATH: C:\Users\kenny\Documents\22009-Victory Park Pool 889-A21_Kenny\889-A21.rvt



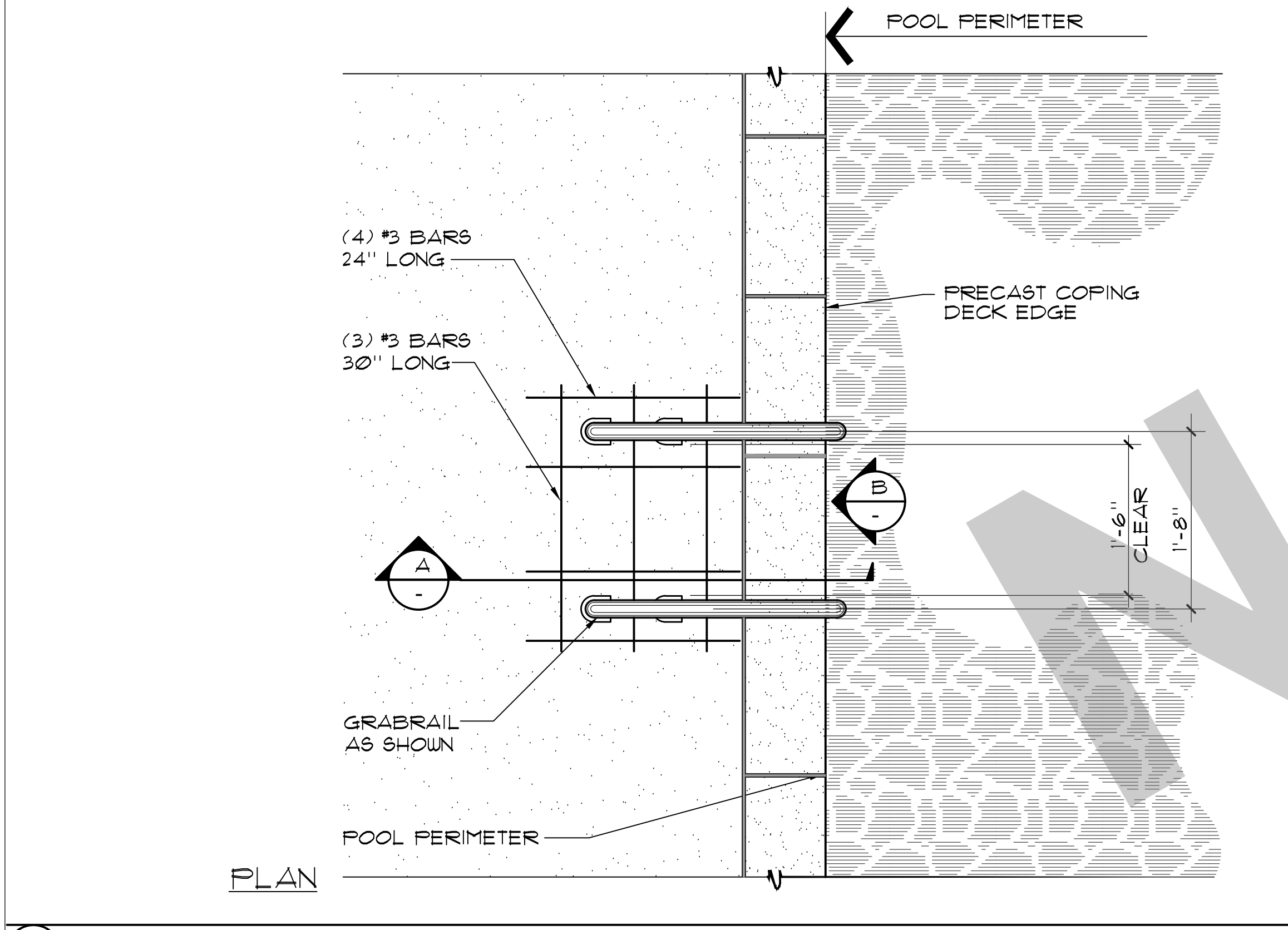
1 SURFACE SKIMMER 1"=1'-0"



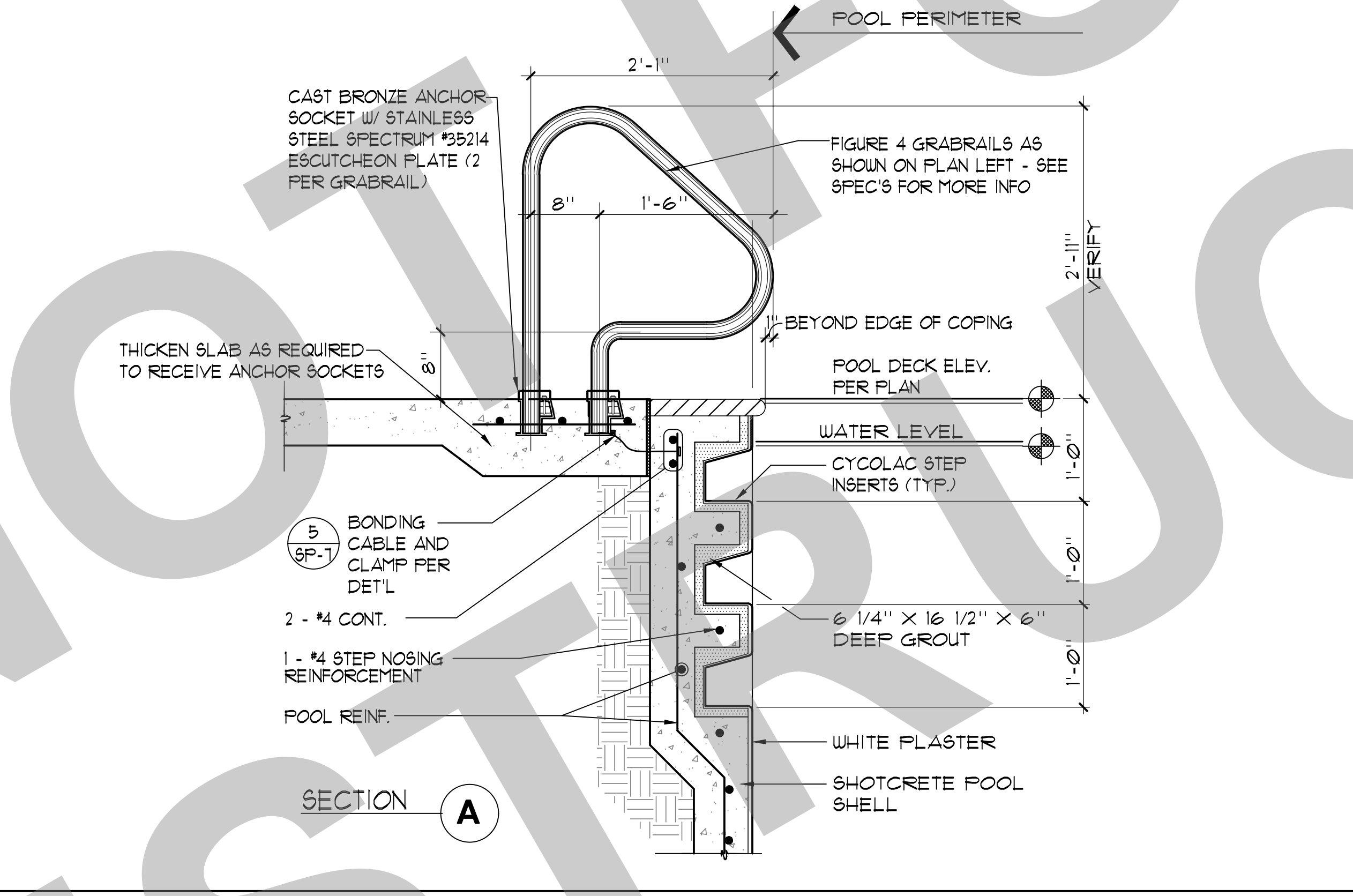
2 WALL INLET NO SCALE



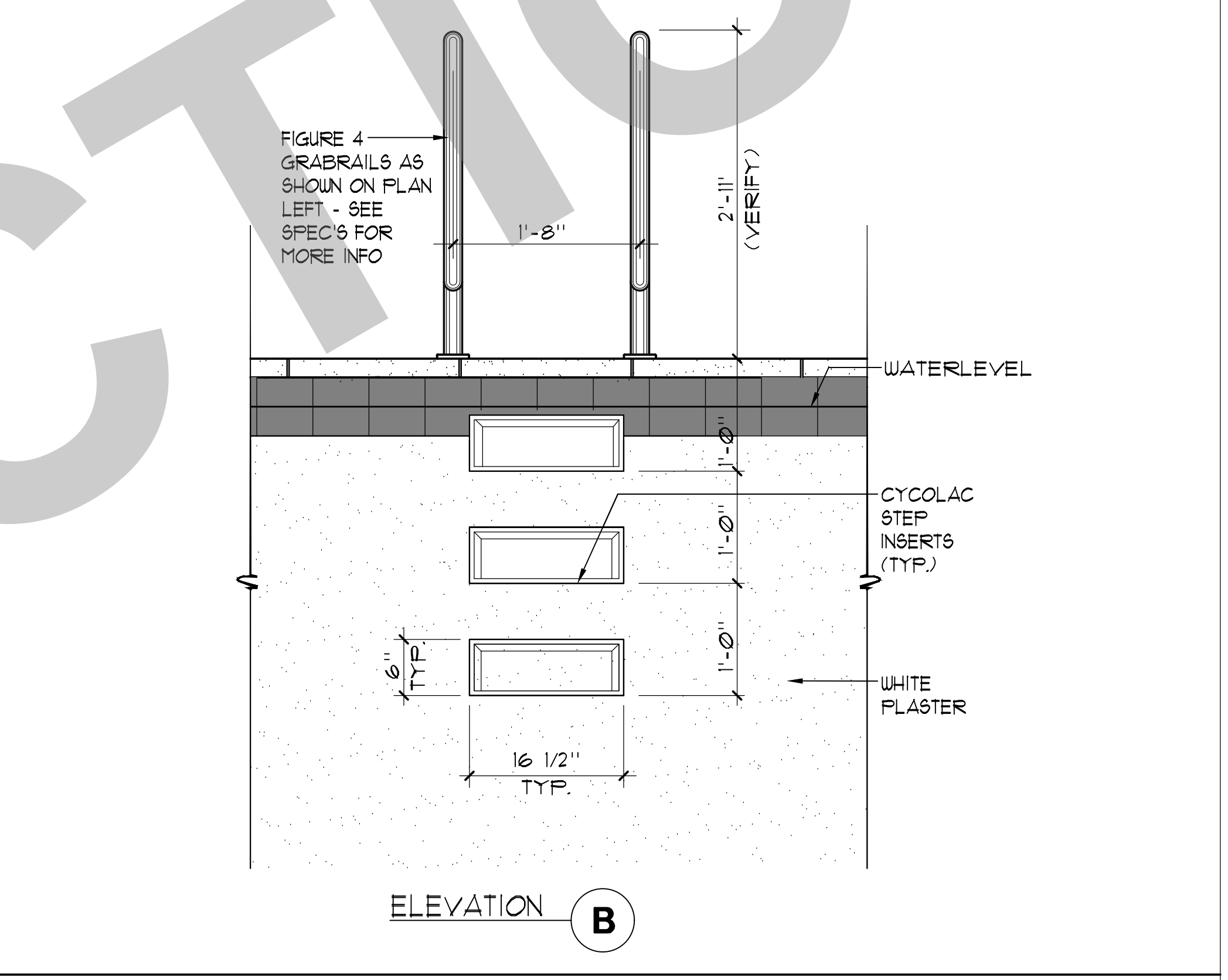
3 ROPE ANCHOR 3/4"=1'-0"



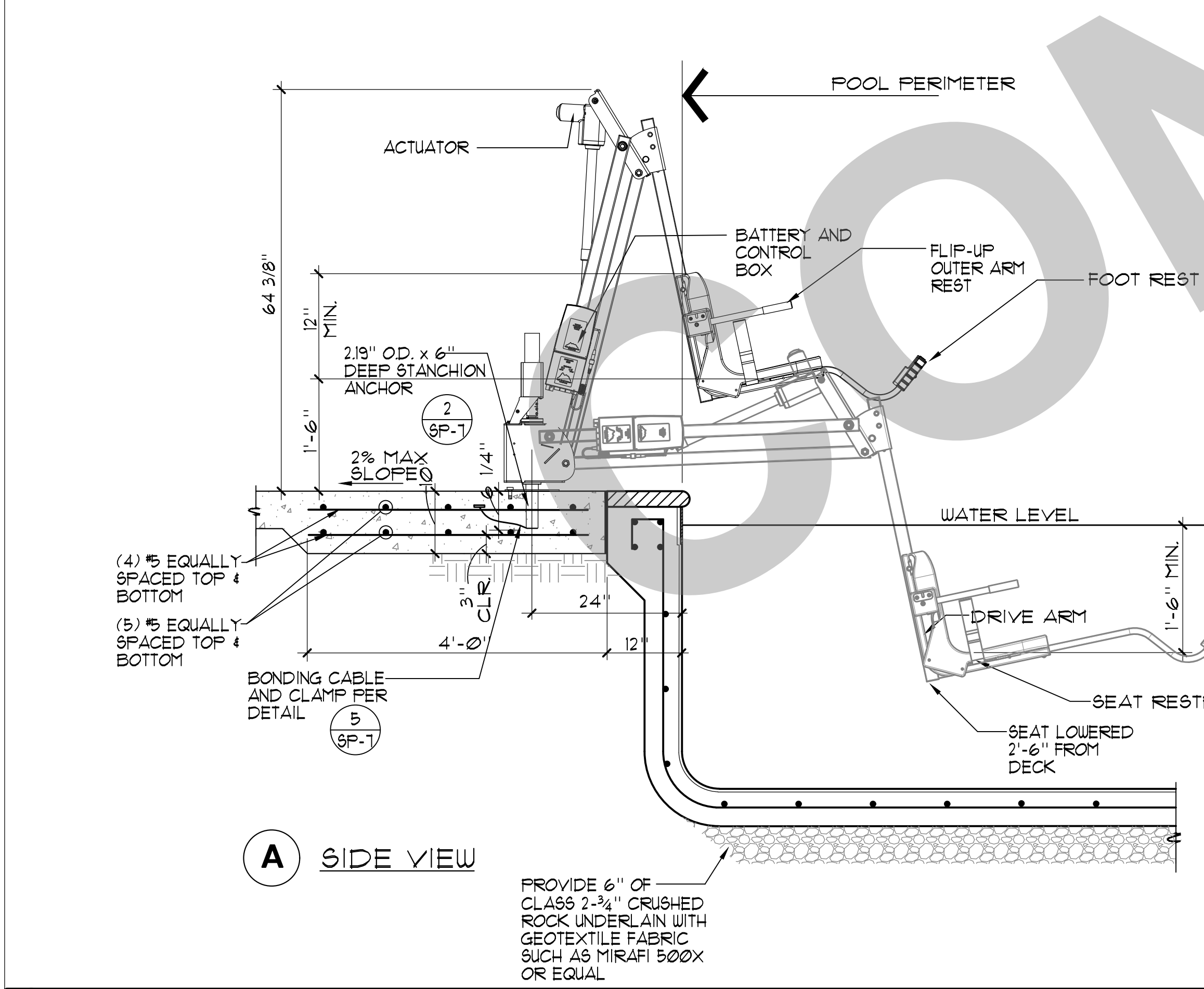
4 GRABRAIL WITH STEPS NO SCALE



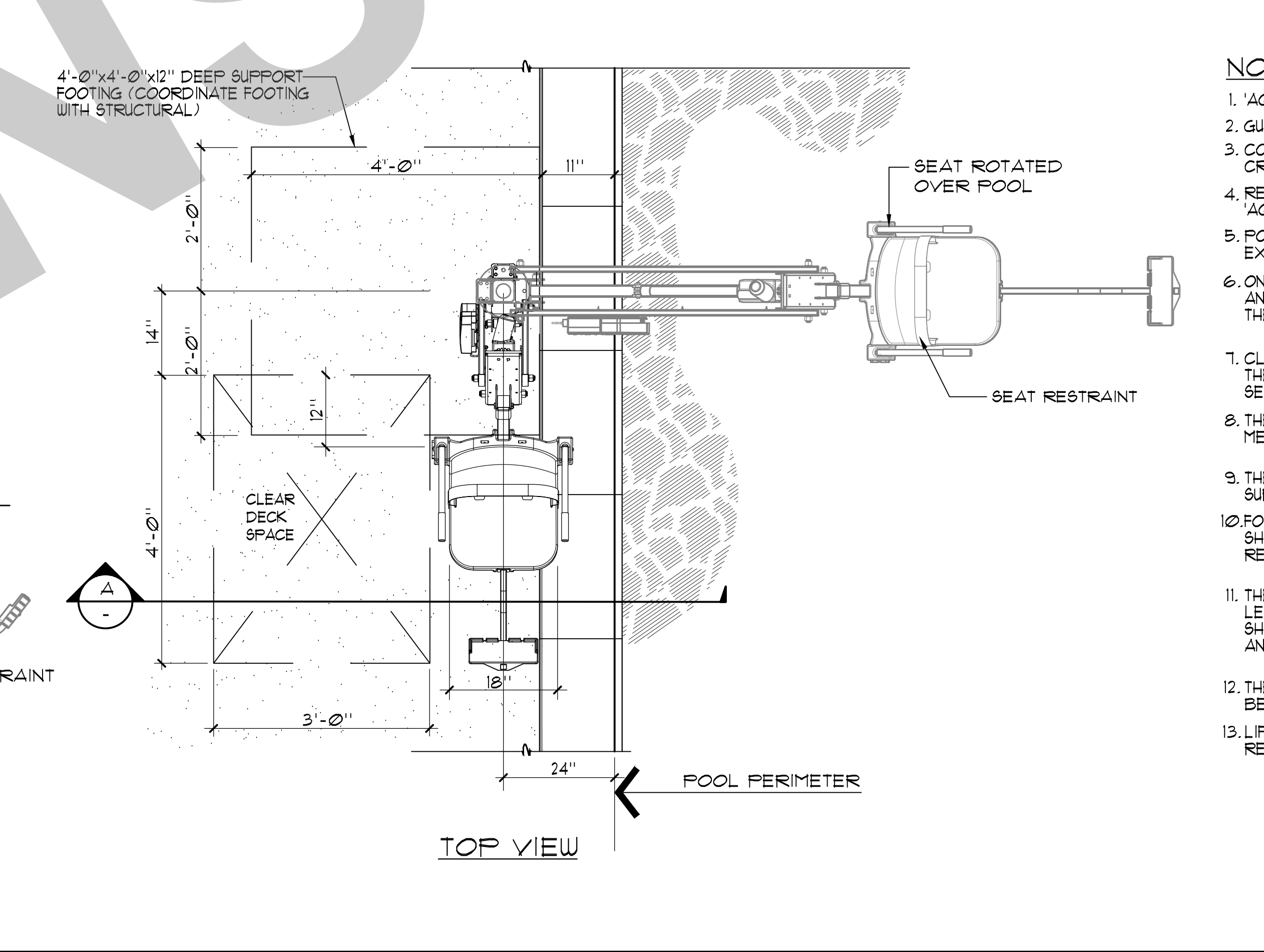
SECTION A



ELEVATION B



5 ACCESSIBLE LIFT 3/4"=1'-0"



TOP VIEW

NOTES:

1. 'AQUA CREEK' MIGHTY 400 F-MTY400 (350 lb. MIN. AND 400 lb. MAX. LIFTING CAPACITY)
2. GUSSET COVER PLATE TO BE ATTACHED REQUIRING A TOOL FOR REMOVAL.
3. CONTRACTOR SHALL PROVIDE COVER FOR LIFT 'AQUA CREEK'; EXTRA BATTERY PACK 'AQUA CREEK' F-004AB; AND TRANSPORTER CART 'AQUA CREEK' F-MTC.
4. REFER TO ARCH. PLANS FOR LOCATION OF DISABLED LIFT BATTERY CHARGE STATION. PROVIDE 'AQUA CREEK' CHARGER F-044CH.
5. POOL LIFT SHALL BE LOCATED WHERE THE WATER LEVEL IS AT LEAST 36" AND DOES NOT EXCEED 48" DEEP, UNLESS ENTIRE POOL IS GREATER THAN 48" DEEP.
6. ON THE RAISED POSITION, THE CENTERLINE OF THE SEAT SHALL BE LOCATED OVER THE DECK AND 16" MINIMUM FROM THE EDGE OF THE POOL. THE DECK SURFACE BETWEEN THE CENTERLINE OF THE SEAT AND THE POOL EDGE SHALL HAVE A 2% MAX. SLOPE.
7. CLEAR DECK SPACE SHALL BE PROVIDED ON SIDE OF SEAT OPPOSITE THE WATER PARALLEL TO THE WATER 36" WIDE X 48" MINIMUM FROM A LINE LOCATED 12" BEHIND THE REAR EDGE OF THE SEAT. THE CLEAR SPACE SHALL HAVE A 2% MAX. SLOPE.
8. THE HEIGHT OF THE LIFT SEAT SHALL BE DESIGNED TO ALLOW A STOP AT 11" MIN. TO 19" MAX. MEASURED FROM THE DECK TO THE TOP OF THE SEAT SURFACE WHEN IN THE RAISED POSITION.
9. THE SEAT SHALL BE RIGID AND 11" MIN. TO 19" MAX. WIDE. THE LIFT SEAT SHALL HAVE A BACK SUPPORT 12" MIN. TALL.
10. FOOTRESTS SHALL BE PROVIDED, EXCEPT FOR SPA LIFTS, AND SHALL MOVE WITH THE SEAT. LIFT SHALL HAVE TWO ARMRESTS. THE ARMREST POSITIONED OPPOSITE THE WATER SHALL BE REMOVABLE OR SHALL FOLD CLEAR OF THE SEAT WHEN THE SEAT IS IN THE RAISED POSITION.
11. THE LIFT SHALL BE CAPABLE OF UNASSISTED OPERATION FROM BOTH THE DECK AND WATER LEVELS. CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL BE UNOBSTRUCTED WHEN THE LIFT IS IN USE (CBC SECTION 11B-309.4). LIFT MUST BE STABLE AND NOT PERMIT UNINTENDED MOVEMENT WHEN A PERSON IS GETTING INTO OR OUT OF THE SEAT.
12. THE LIFT SHALL BE DESIGNED SO THAT THE SEAT WILL SUBMERGE TO A WATER DEPTH OF 18" MIN. BELOW THE STATIONARY WATER LEVEL.
13. LIFT SEAT MUST HAVE AN OCCUPANT RESTRAINT FOR USE BY THE OCCUPANT OF THE SEAT AND THE RESTRAINT MUST MEET THE STANDARDS FOR OPERABLE CONTROLS.

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REVISION HISTORY

DATE

DRAWING STATUS

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DSA BACK CHECK

BIDDING

CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

DESIGN DEVELOPMENT

VICTORY PARK POOL
CITY OF STOCKTON
1001 N PERSHING AVE
STOCKTON, CA 95203

DETAILS

Date MM/DD/YYYY Project Number 22009
Application Number XX-XXXXXX Drawing Number SP-6
Drawn Checked Author Checker

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SPRAY GROUND DATA

SURFACE AREA = 630 SQ. FT.
VOLUME = 4,000 GAL.
30 MIN. TURNOVER = 134 GPM

SPRAY GROUND BALANCE TANK DATA

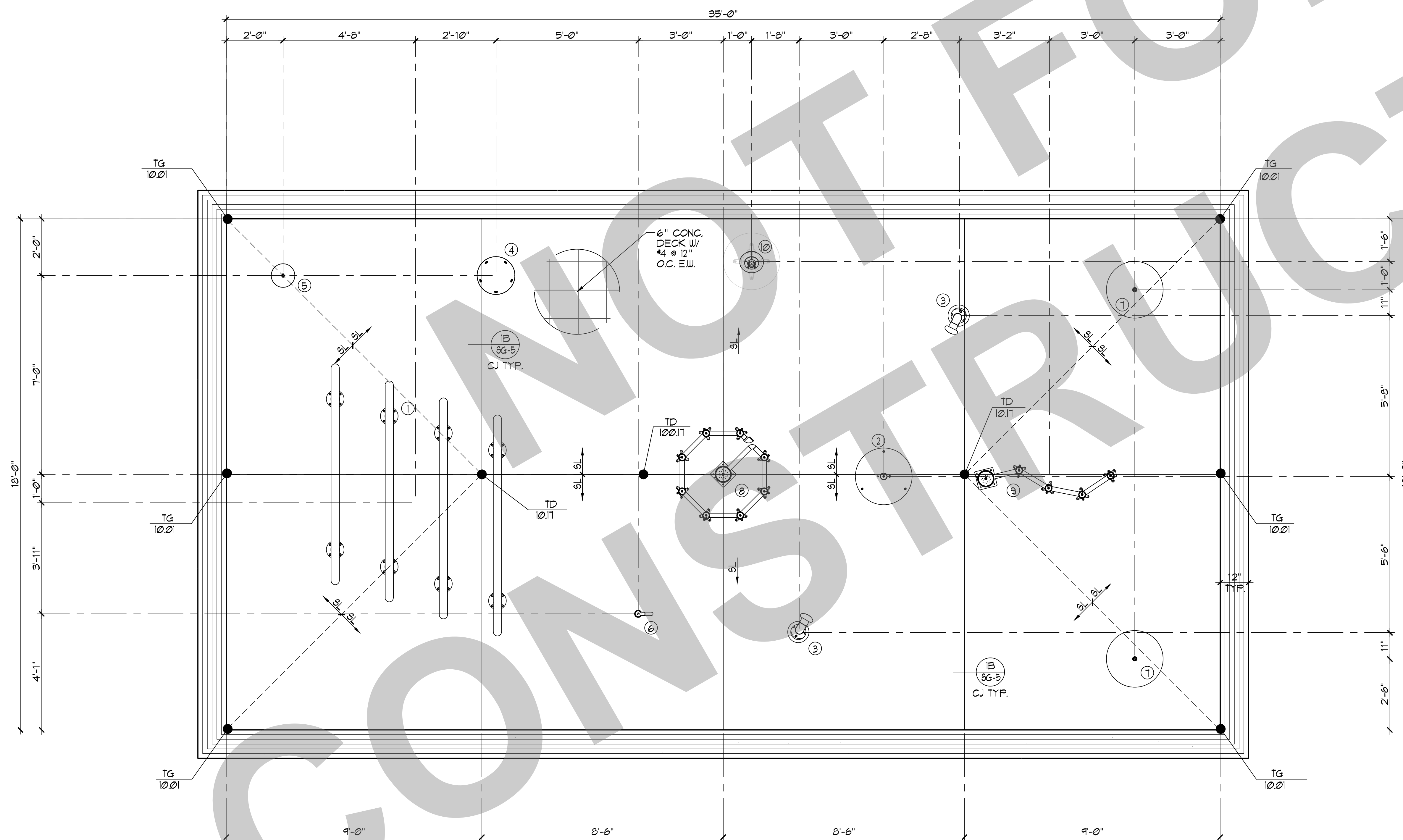
BOOSTER PUMP RATE = 88 GPM
CIRCULATION PUMP RATE = 134 GPM
TOTAL WATER FLOW = 222 GPM
222 GPM x 3 = 666 GAL.
8'-0" x 10'-0" BALANCE TANK = 4,000 GAL.
∴ 4,000 GAL. > 666 GAL. OK

PRODUCT LEGEND

	PRODUCT CODE	QTY	TOTAL FLOW	
①	SPIRAL TUNNEL 0010-0311 WATERPLAY ¹	1	40 GPM	⑥ SG-3
②	SOLIS 0010-0318 WATERPLAY ¹	1	8 GPM	① SG-4
③	SPLASH BLASTER 0010-0403 WATERPLAY ¹	2	6 GPM	② SG-4
④	SPINNY SQUIRT 0010-0512 WATERPLAY ¹	1	1 GPM	③ SG-4
⑤	MISTY TWIST 0010-1530 WATERPLAY ¹	1	3 GPM	④ SG-4
⑥	SPIN SPRAY I 0010-5093 WATERPLAY ¹	1	3 GPM	⑤ SG-4
⑦	LILY PAD 0010-1491 WATERPLAY ¹	2	12 GPM	⑥ SG-4
⑧	GROUP VOLCANO 0010-1495 WATERPLAY ¹	1	10 GPM	⑦ SG-4
⑨	TEAM EFFECT MINI 0010-9815 WATER FLAY ¹	1	5 GPM	⑧ SG-4
⑩	ACTIVATOR POWER POST 0010-1854 WATER FLAY ¹	1	N/A	⑤ SG-5
			TOTAL =	88 GPM

LEGEND

CJ = CONTROL JOINT (IB SG-5)
SL = SLOPE DIRECTION (9 SG-4)
TG = TOP OF GRATE
TD = TOP OF DECK



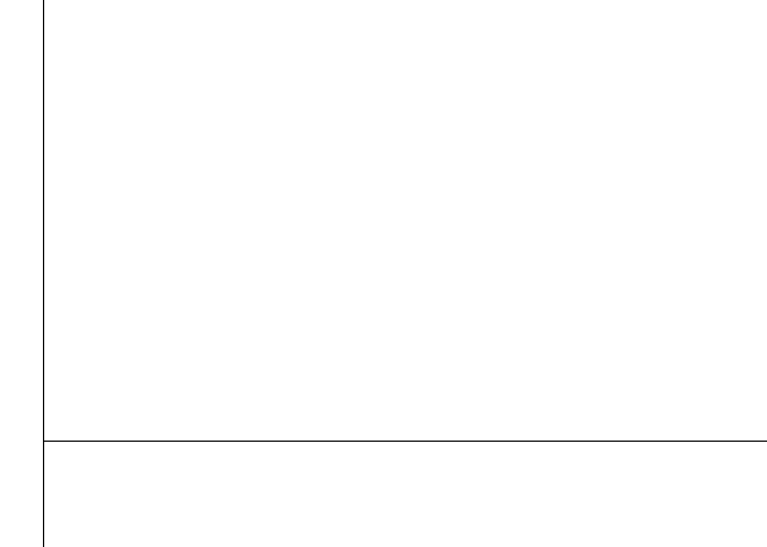
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KEY PLAN



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DESIGN DEVELOPMENT

VICTORY PARK POOL
CITY OF STOCKTON
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SPRAY GROUND LAYOUT PLAN

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number SG-1
Drawn Author	Checked Checker

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PRODUCT LEGEND

	PRODUCT CODE	QTY	TOTAL FLOW	
①	SPIRAL TUNNEL 0010-0311 WATERPLAY ¹	1	40 GPM	⑥ SG-3
②	SOLIS 0010-0318 WATERPLAY ¹	1	8 GPM	① SG-4
③	SPLASH BLASTER 0010-0403 WATERPLAY ¹	2	6 GPM	② SG-4
④	SPINNY SQUIRT 0010-0512 WATERPLAY ¹	1	1 GPM	③ SG-4
⑤	MISTY TWIST 0010-1530 WATERPLAY ¹	1	3 GPM	④ SG-4
⑥	SPIN SPRAY I 0010-5093 WATERPLAY ¹	1	3 GPM	⑤ SG-4
⑦	LILY PAD 0010-1491 WATERPLAY ¹	2	12 GPM	⑥ SG-4
⑧	GROUP VOLCANO 0010-1495 WATERPLAY ¹	1	10 GPM	⑦ SG-4
⑨	TEAM EFFECT MINI 0010-9815 WATER PLAY ¹	1	5 GPM	⑧ SG-4
⑩	ACTIVATOR POWER POST 0010-1854 WATER PLAY ¹	1	N/A	⑤ SG-5
			TOTAL =	88 GPM

SPRAY GROUND DATA

SURFACE AREA	=	630 SQ. FT.
VOLUME	=	4,000 GAL.
30 MIN. TURNOVER	=	134 GPM

SPRAY GROUND BALANCE TANK DATA

BOOSTER PUMP RATE	=	88 GPM
CIRCULATION PUMP RATE	=	134 GPM
TOTAL WATER FLOW	=	222 GPM
222 GPM x 3 MIN.	=	666 GAL.
8'-0" x 10'-0" BALANCE TANK	=	4,000 GAL.
∴ 4,000 GAL. > 666 GAL. OK		

GENERAL NOTES

- WET DECK SHALL HAVE MEDIUM BROOM FINISH AND SHALL HAVE 1/8" MIN. SLOPE AND 2% MAX. SLOPE TO DRAINS.
- REFER TO SHEET SG-1 FOR DECK AND GRATE FINISH ELEVATIONS.
- ALL INVERT ELEVATIONS ON THIS PLAN ARE SHOWN AS REFERENCE IN COORDINATION WITH REFERENCED DECK SLOPES ON SHEET SG-1. CONTRACTOR SHALL COORDINATE ACTUAL ELEVATIONS WITH NECESSARY TRADES.
- PIPING ROUTES ARE SCHEMATIC IN NATURE. SPACE BETWEEN PIPE IS SHOWN FOR CLARITY. CONTRACTOR SHALL LOCATE PLAY EQUIPMENT FOC'S AND ROUTE PIPING ACCORDINGLY TO MEET NOTED INVERT ELEVATIONS AND AVOID ANY OBSTRUCTIONS. REFER TO REFERENCED DETAIL FOR PIPE SPACING REQUIREMENTS.
- PROVIDE SIGNAGE PER CODE.
- ALL FEATURE PIPING SHALL BE HYDRAULICALLY BALANCED TO PROVIDE EVEN AND UNIFORM FLOW TO EACH NOZZLE OR FEATURE.
- PROVIDE 1" CONDUIT FROM ACTIVATION BOLLARD TO WET PLAY CONTROL CABINET.
- VERIFY WITH CHOSEN TOY MANUFACTURER ALL FINAL PIPE SIZES. PROVIDED SHOP DRAWINGS DURING SUBMITTAL REVIEW.

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NO.	REMARKS	DATE

DATE

KEY PLAN

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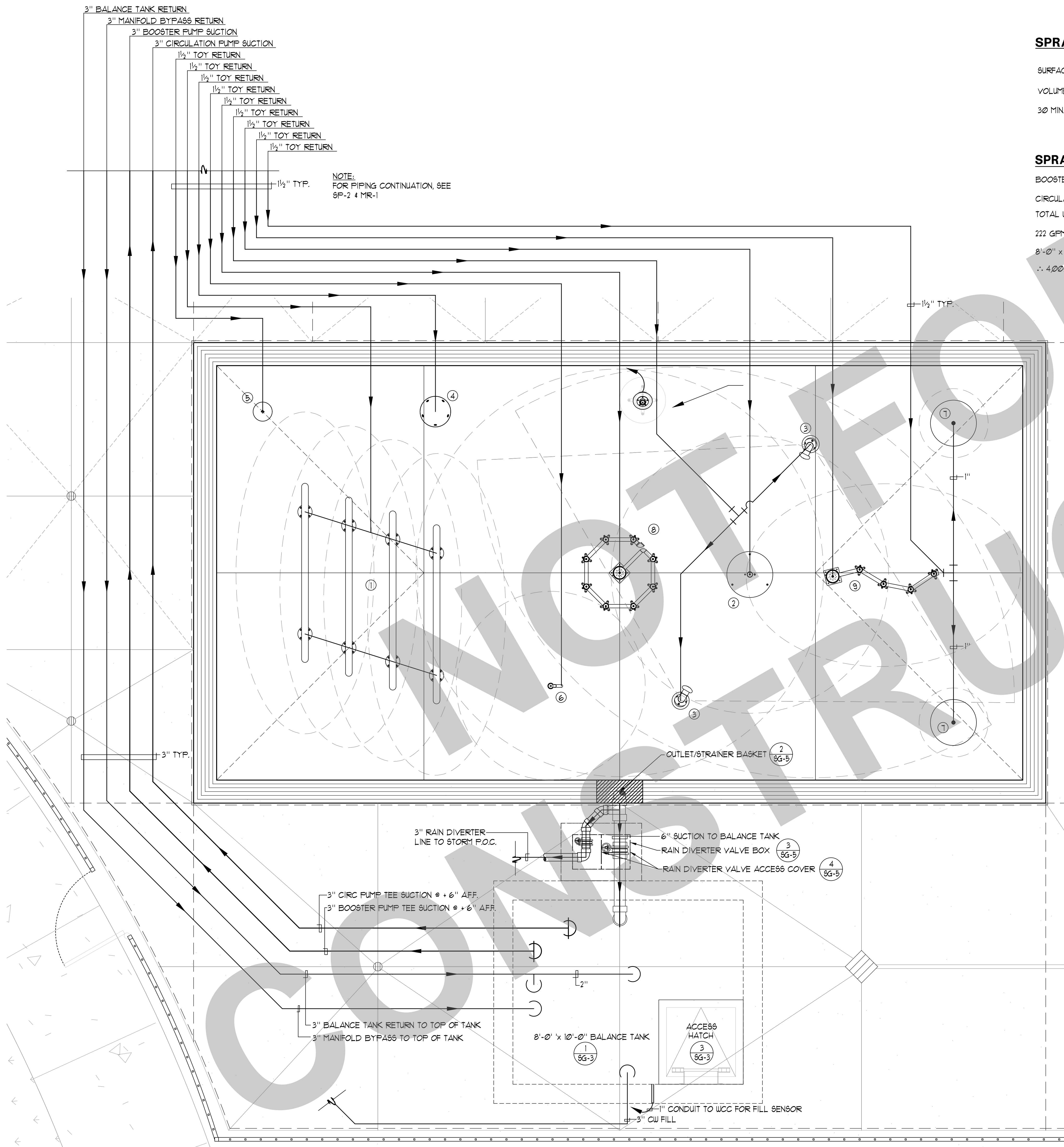
DESIGN DEVELOPMENT

VICTORY PARK POOL
CITY OF STOCKTON
1001 N PERSHING AVE
STOCKTON, CA 95203

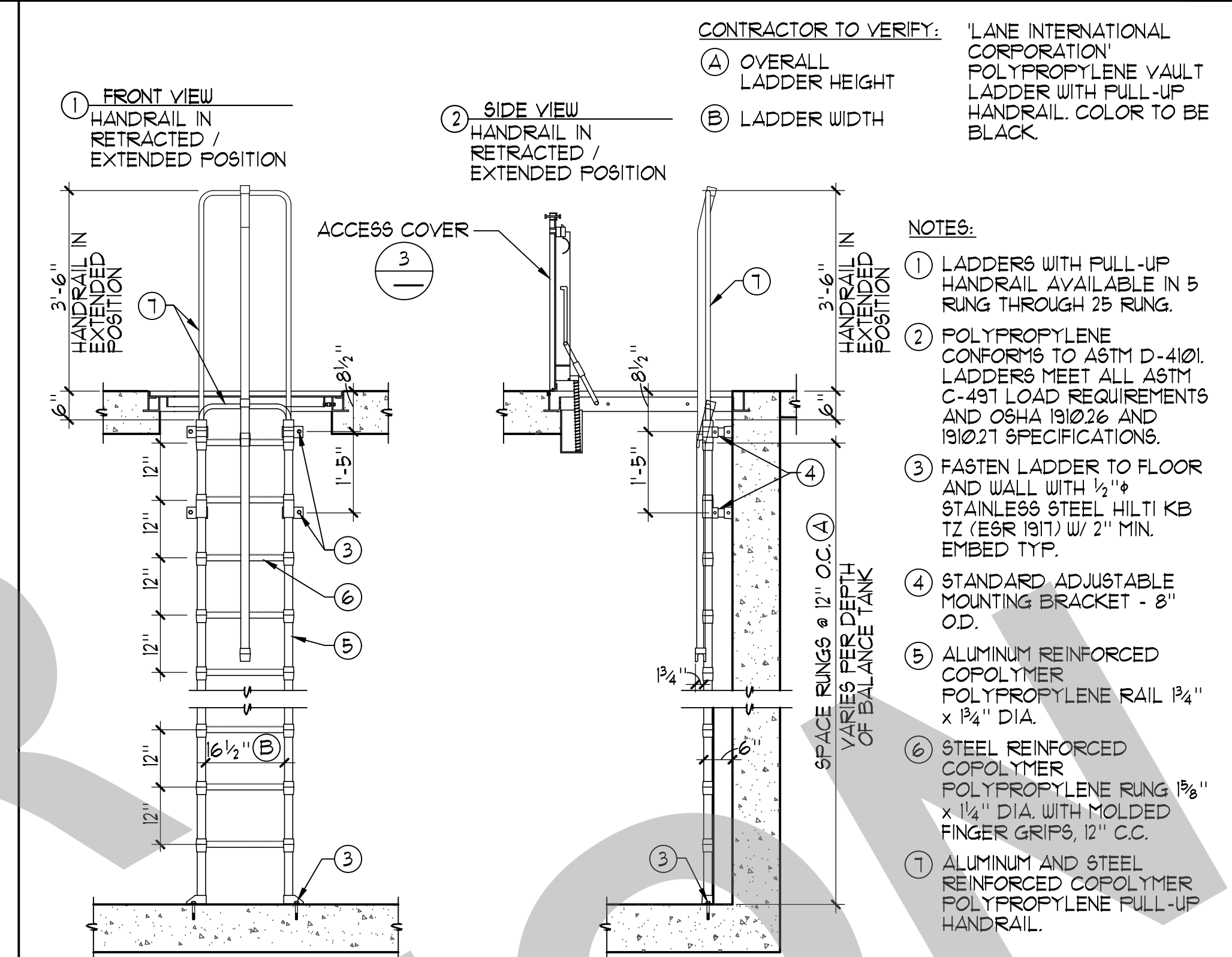
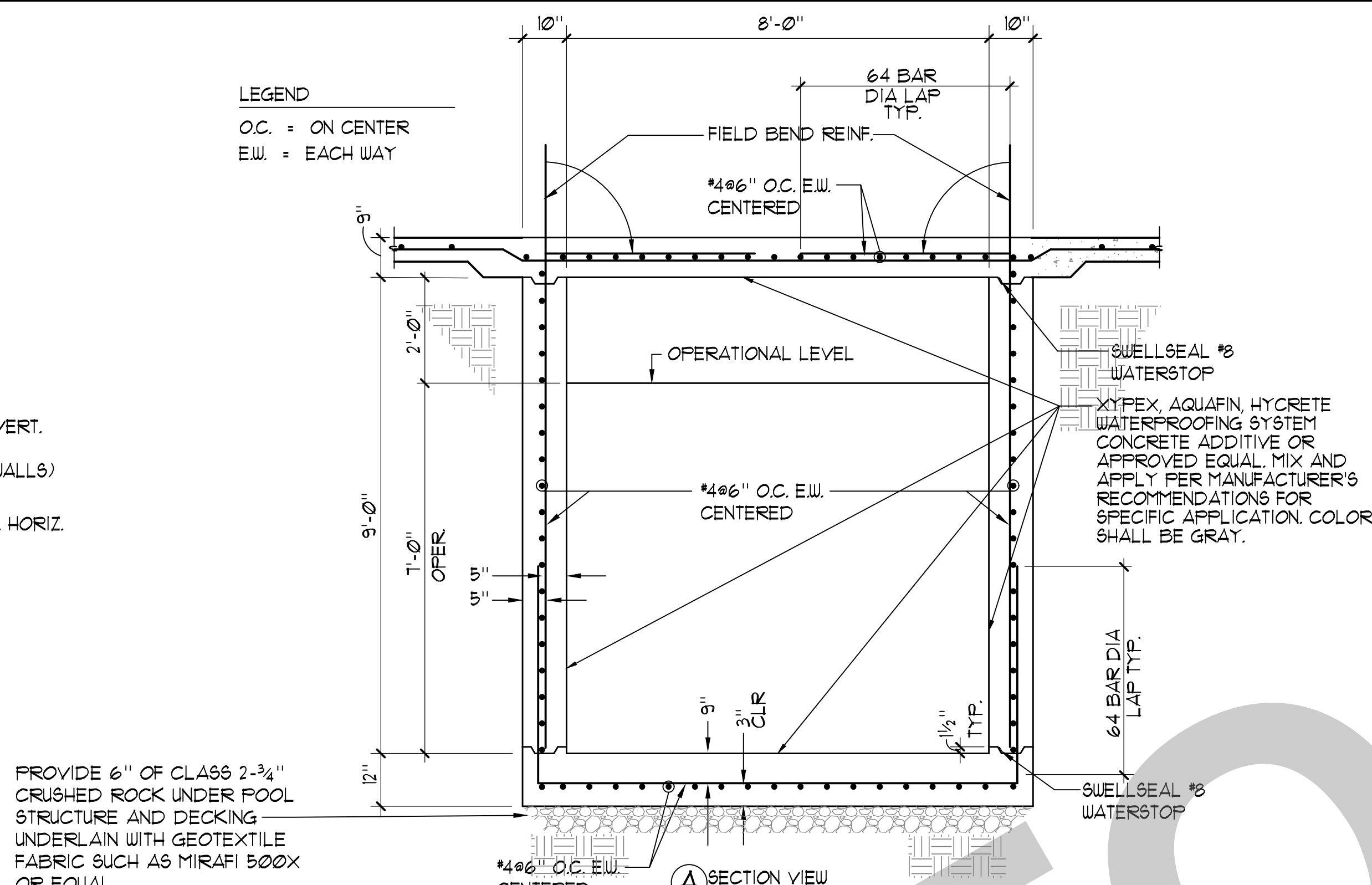
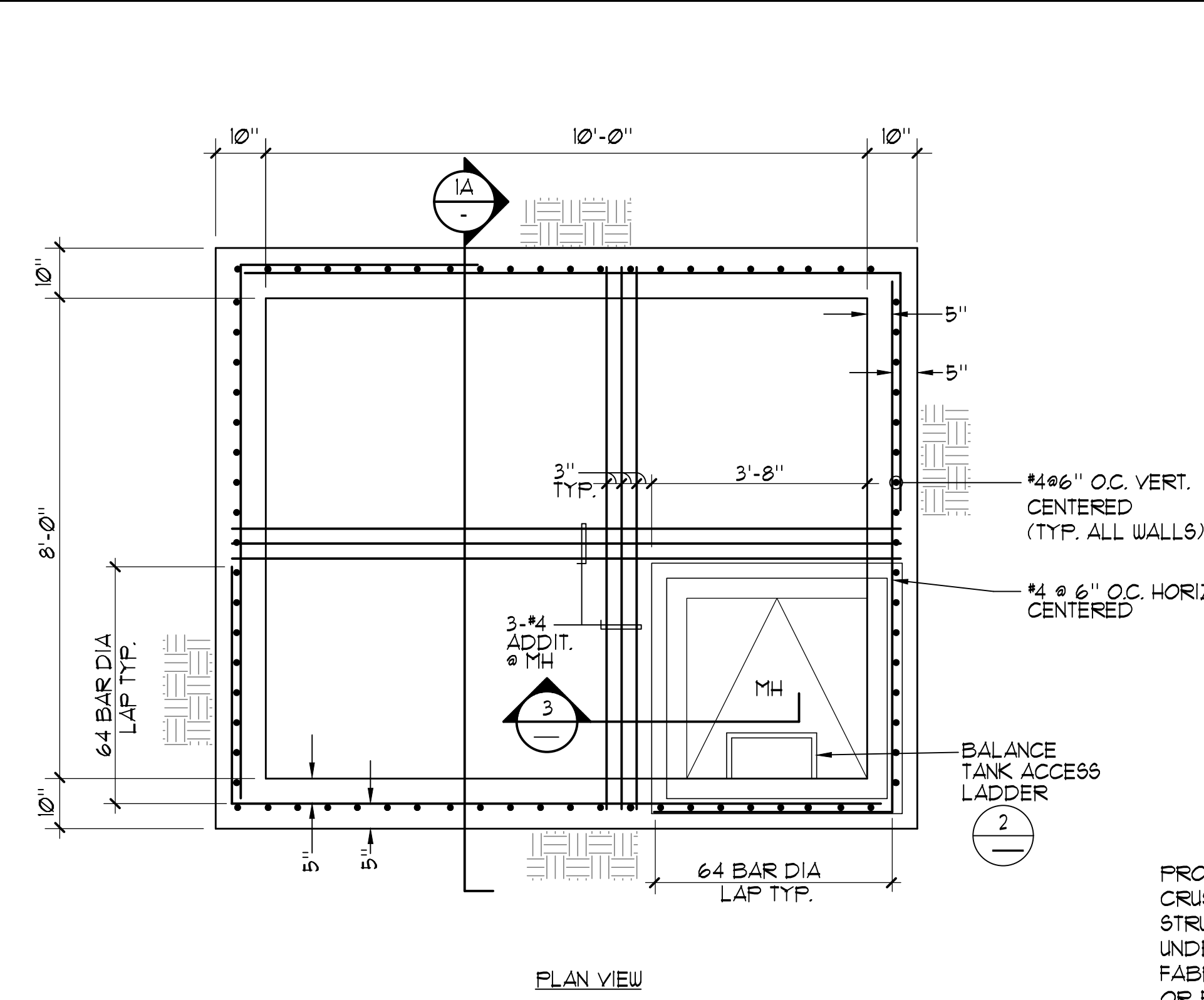
SPRAY GROUND PIPING PLAN

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number XX-XXXXXX
Drawn Author	Checked Checker

SG-2

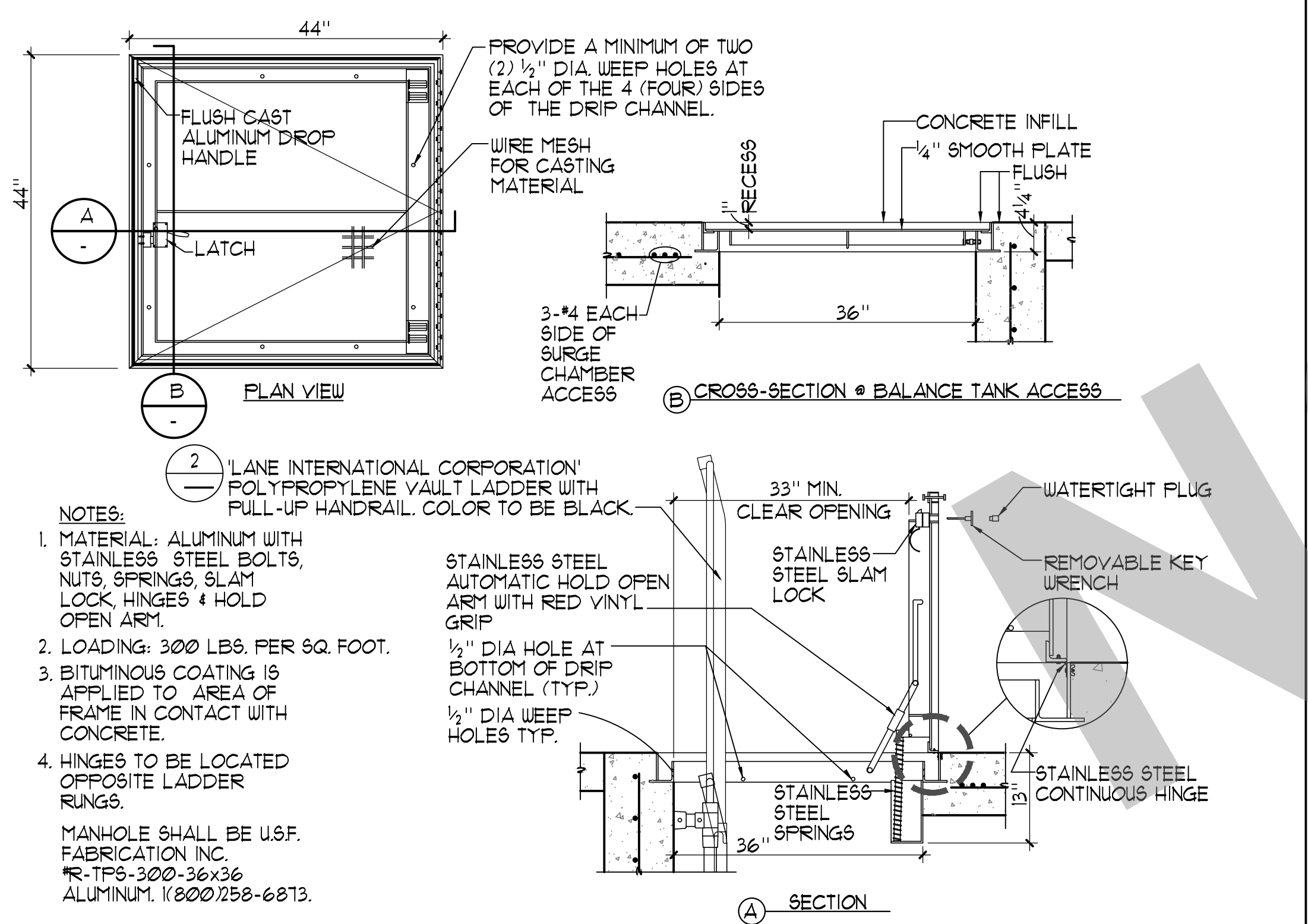


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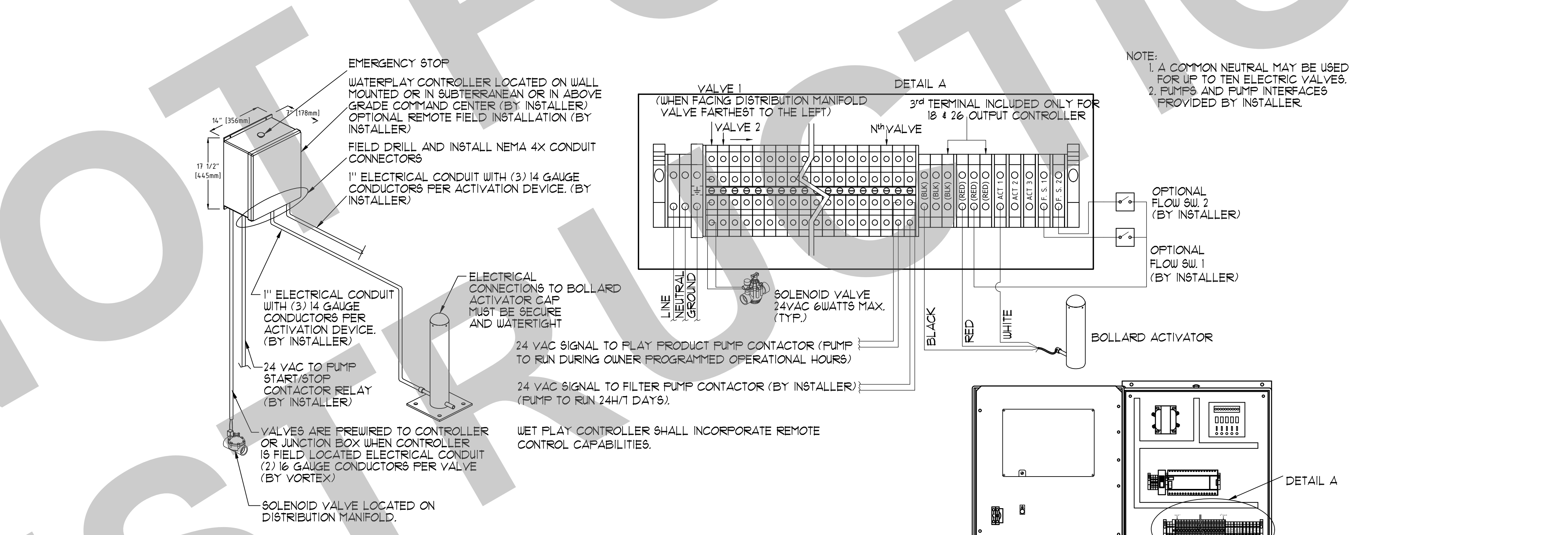


1 BALANCE TANK 1/2"=1'-0"

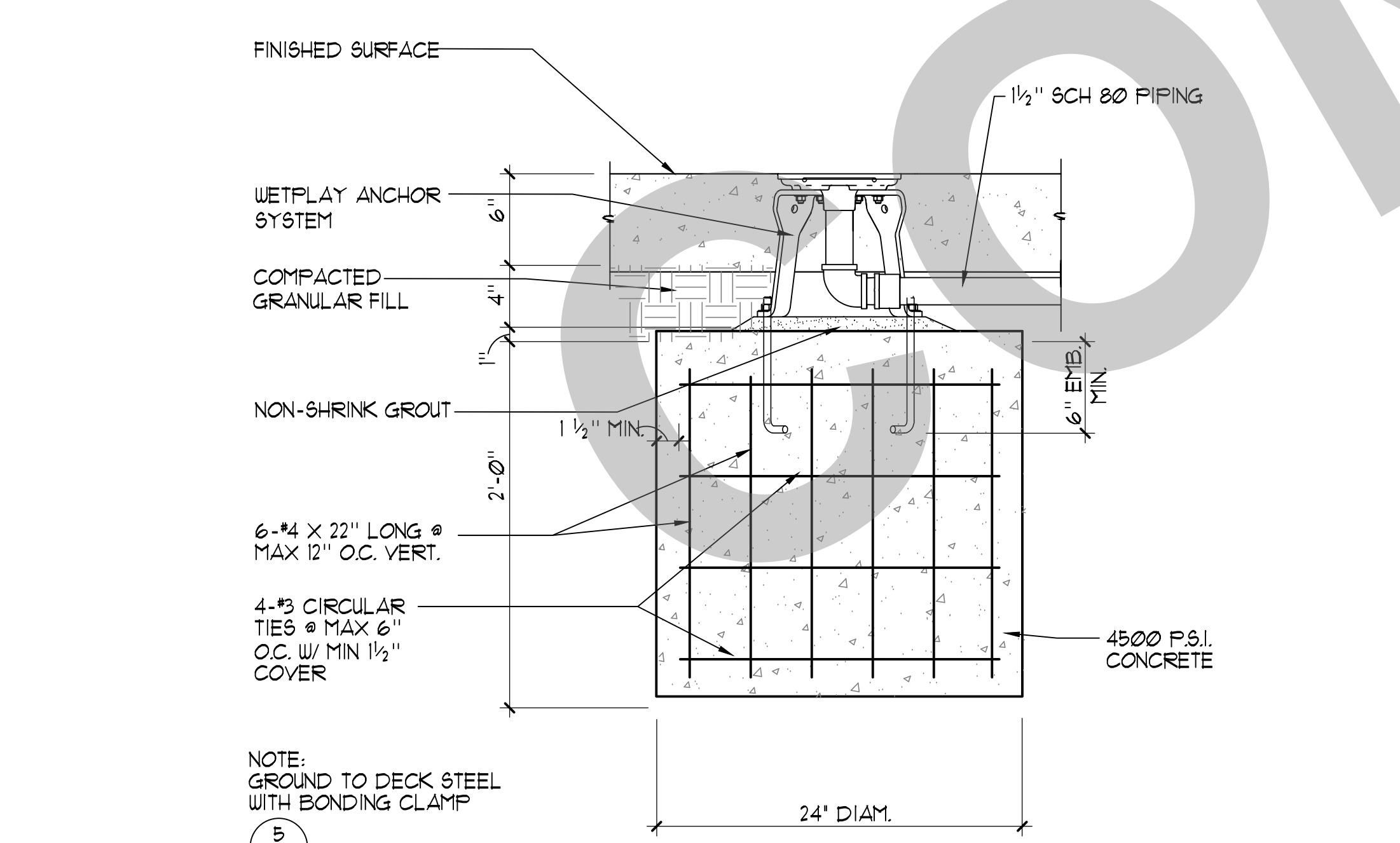
2 BALANCE TANK ACCESS LADDER 1/2"=1'-0"



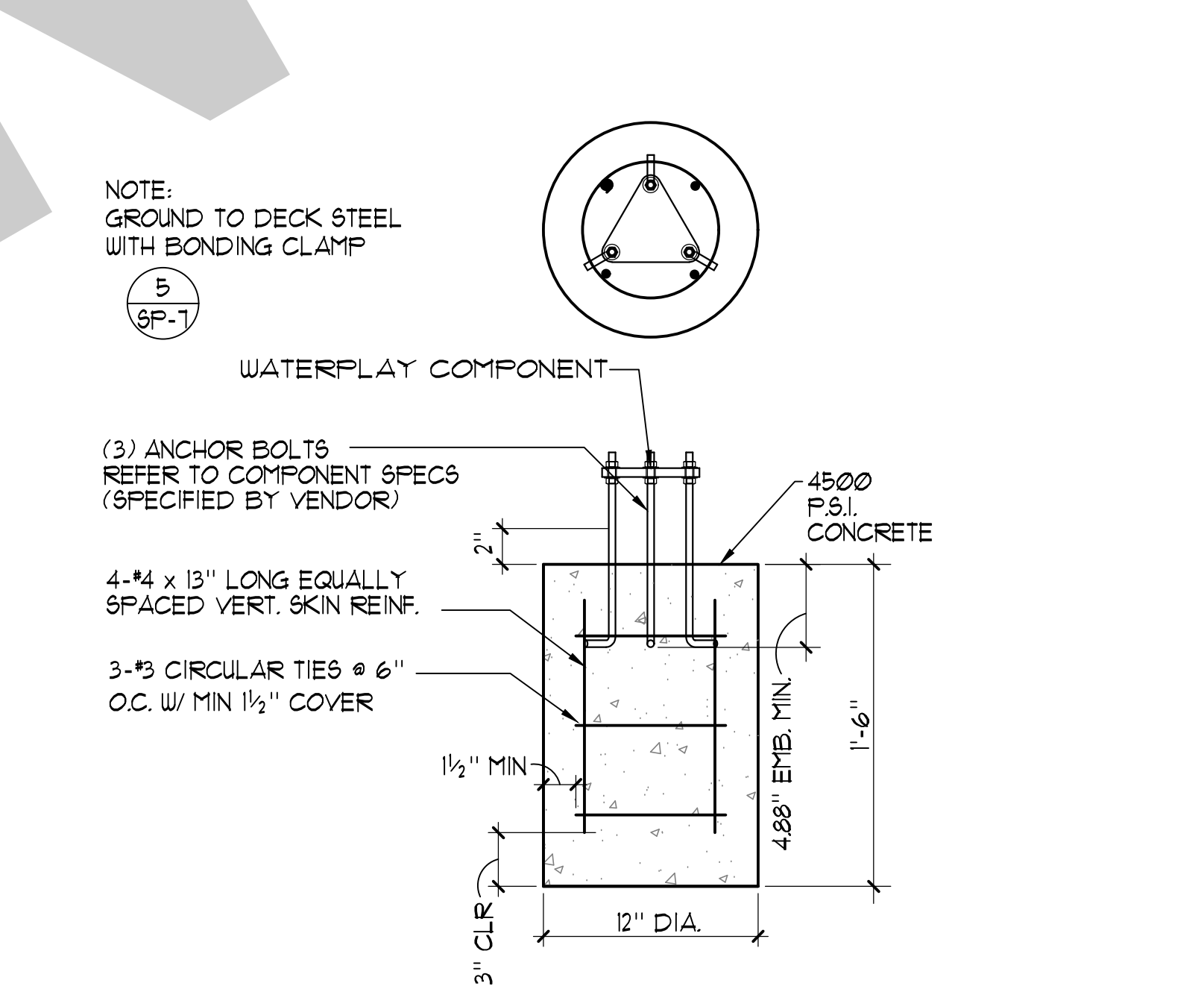
3 BALANCE TANK ACCESS COVER 1"=1'-0"



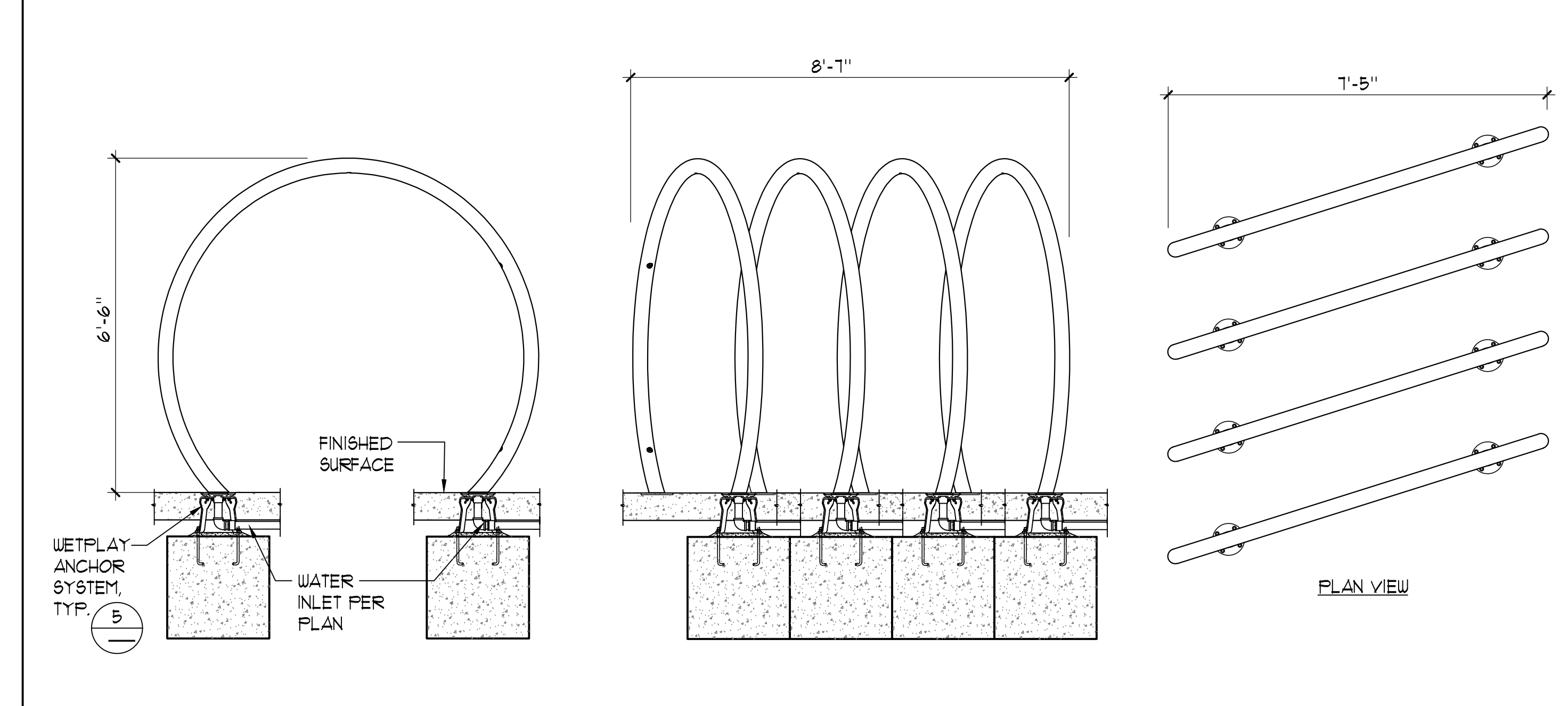
4 WATERPLAY CONTROLLER INSTALLATION DETAIL NO SCALE



5 WATER ELEMENT FOOTINGS 1/2"=1'-0"



6 SPIRAL TUNNEL 1/2"=1'-0"



6 SPIRAL TUNNEL 1/2"=1'-0"

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KEY PLAN

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DESIGN DEVELOPMENT

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CITY OF STOCKTON
1001 N PERSHING AVE
STOCKTON, CA 95203

SPRAY GROUND DETAILS

Date: MM/DD/YYYY
Application Number: XX-XXXXXX
Drawn: []
Author: []

Project Number: 22009
Drawing Number: SG-3
Checked: []
Checker: []

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<input type="radio"/> DSA BACK CHECK	
<input type="radio"/> BIDDING	
<input type="radio"/> CONSTRUCTION	

KEY PLAN

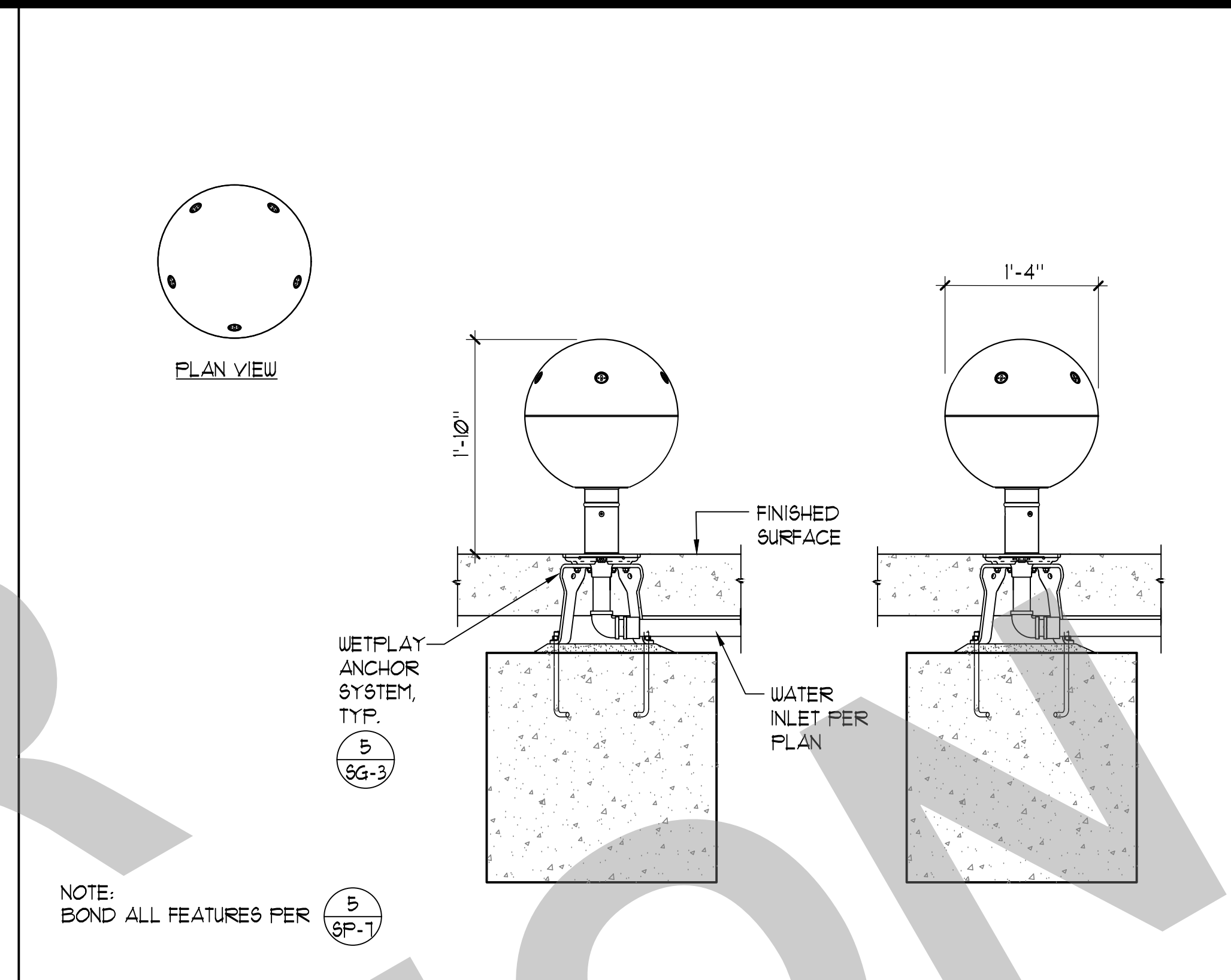
CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

DESIGN DEVELOPMENT

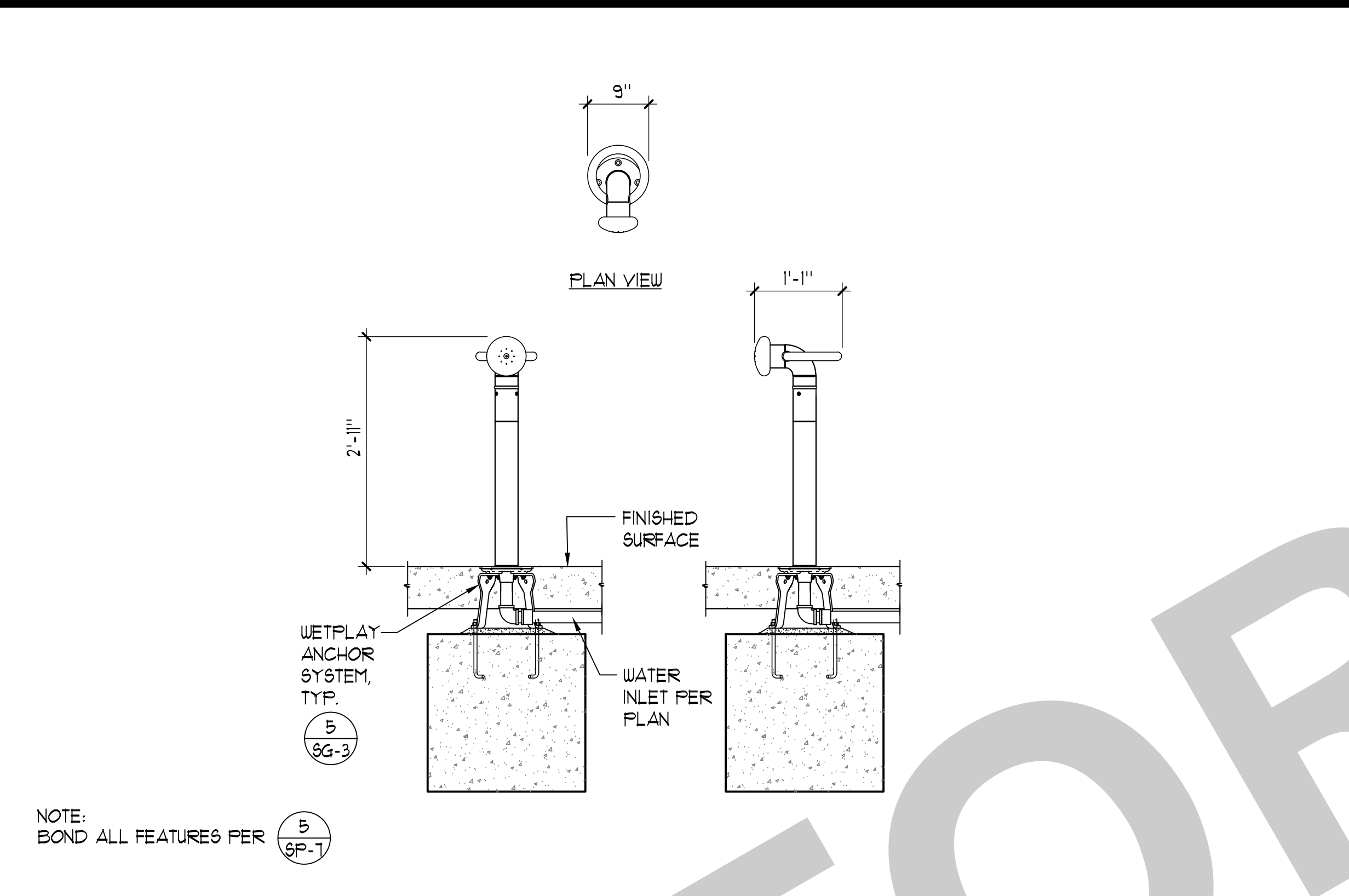
VICTORY PARK POOL
CITY OF STOCKTON
1001 N PERSHING AVE
STOCKTON, CA 95203

SPRAY GROUND
DETAILS

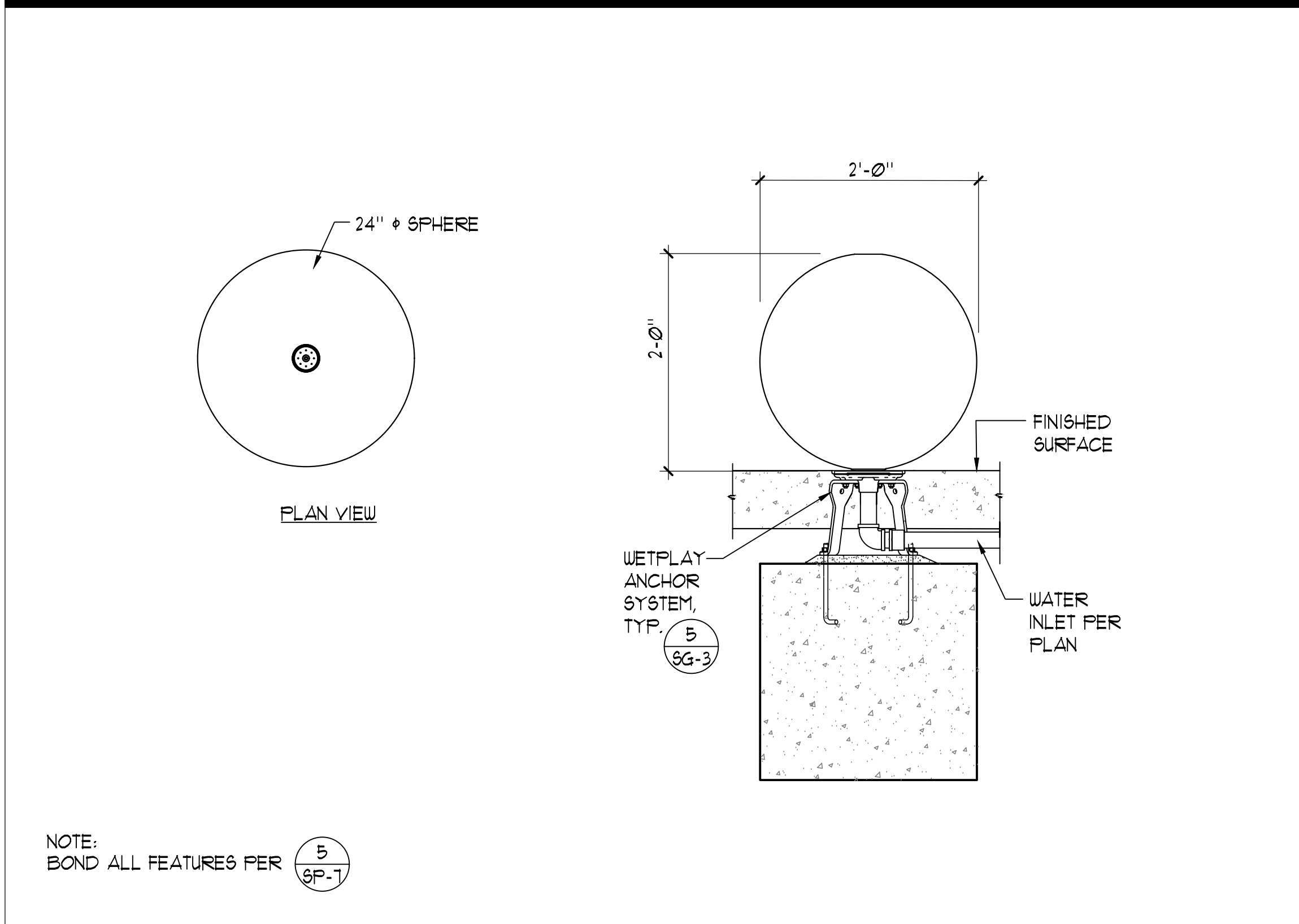
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Application Number XX-XXXXXX	Drawing Number SG-4
Drawn Author	Checked Checker



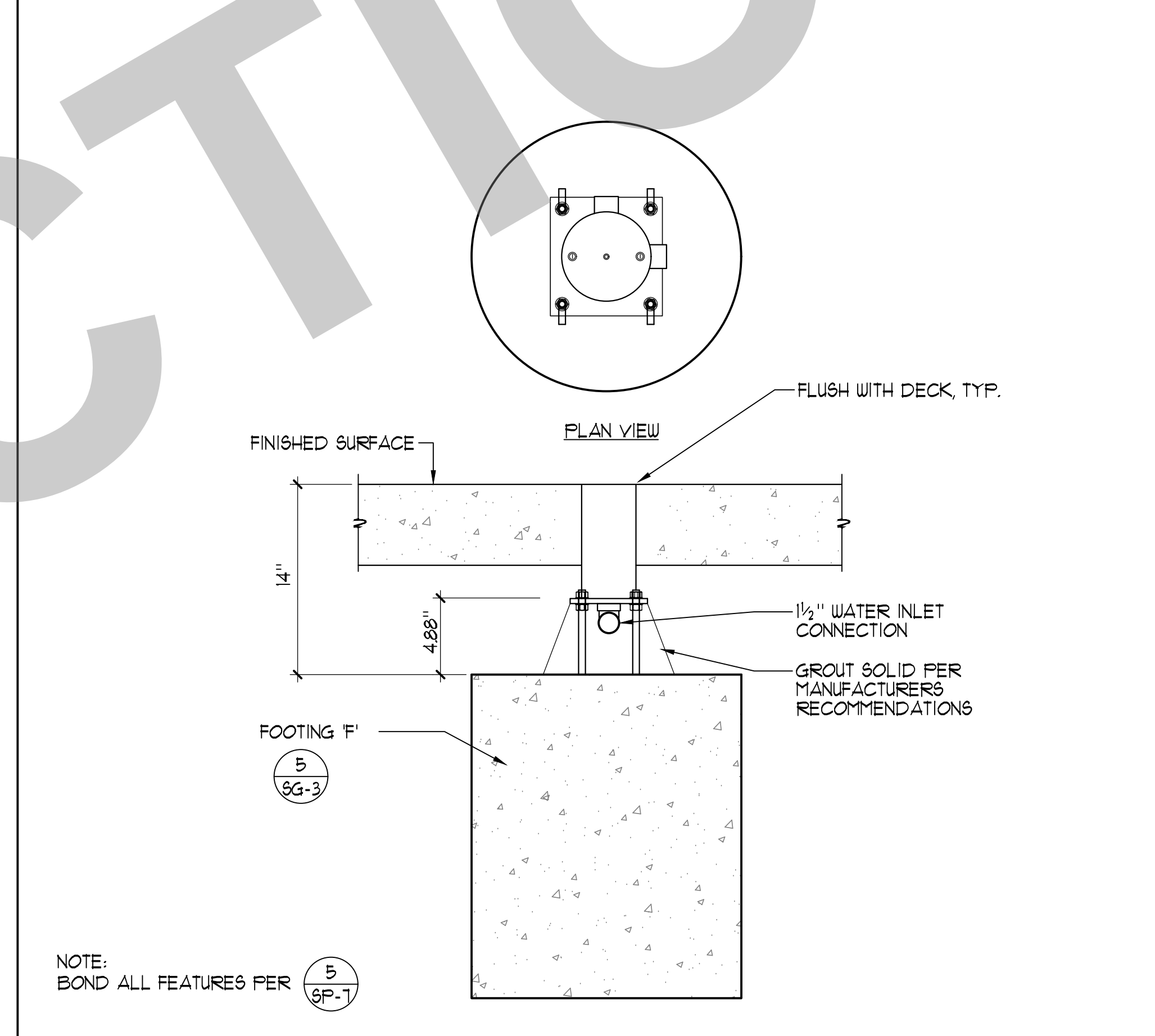
3 SPINNY SQUIRT 1'-4"-Ø



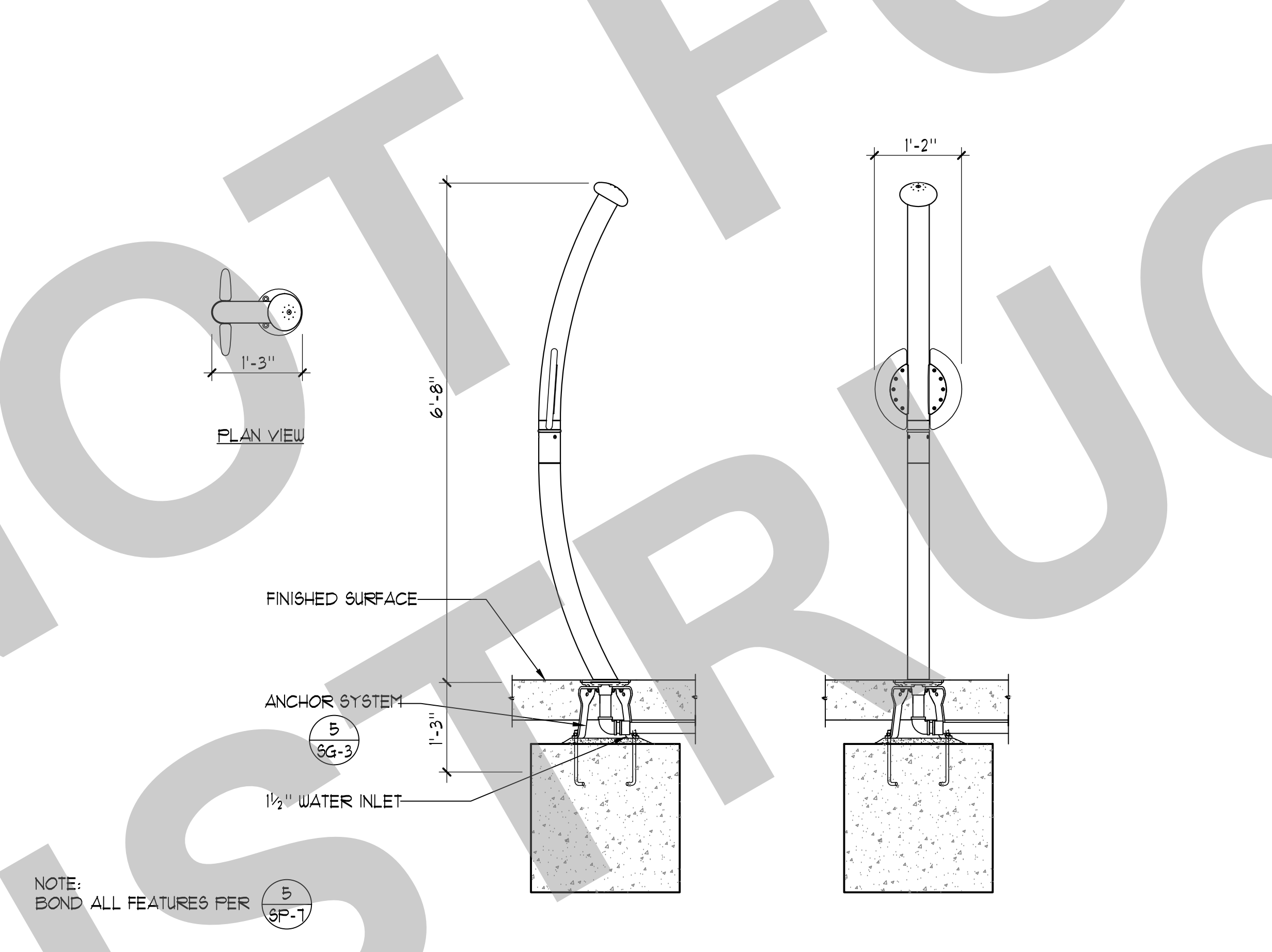
2 SPLASH BLASTER 3/4"=1'-0"



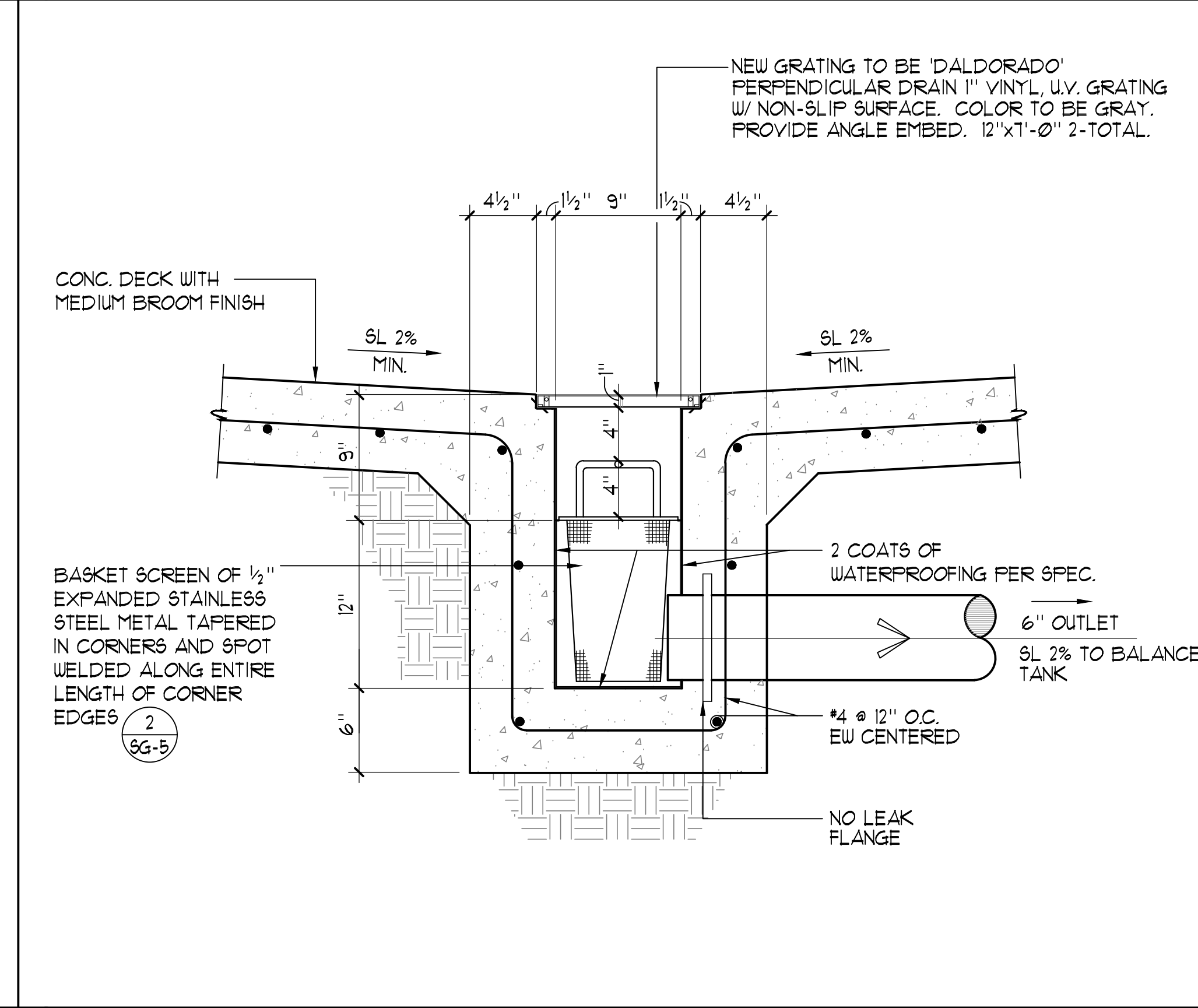
1 SOLIS 24" 1"=1'-0"



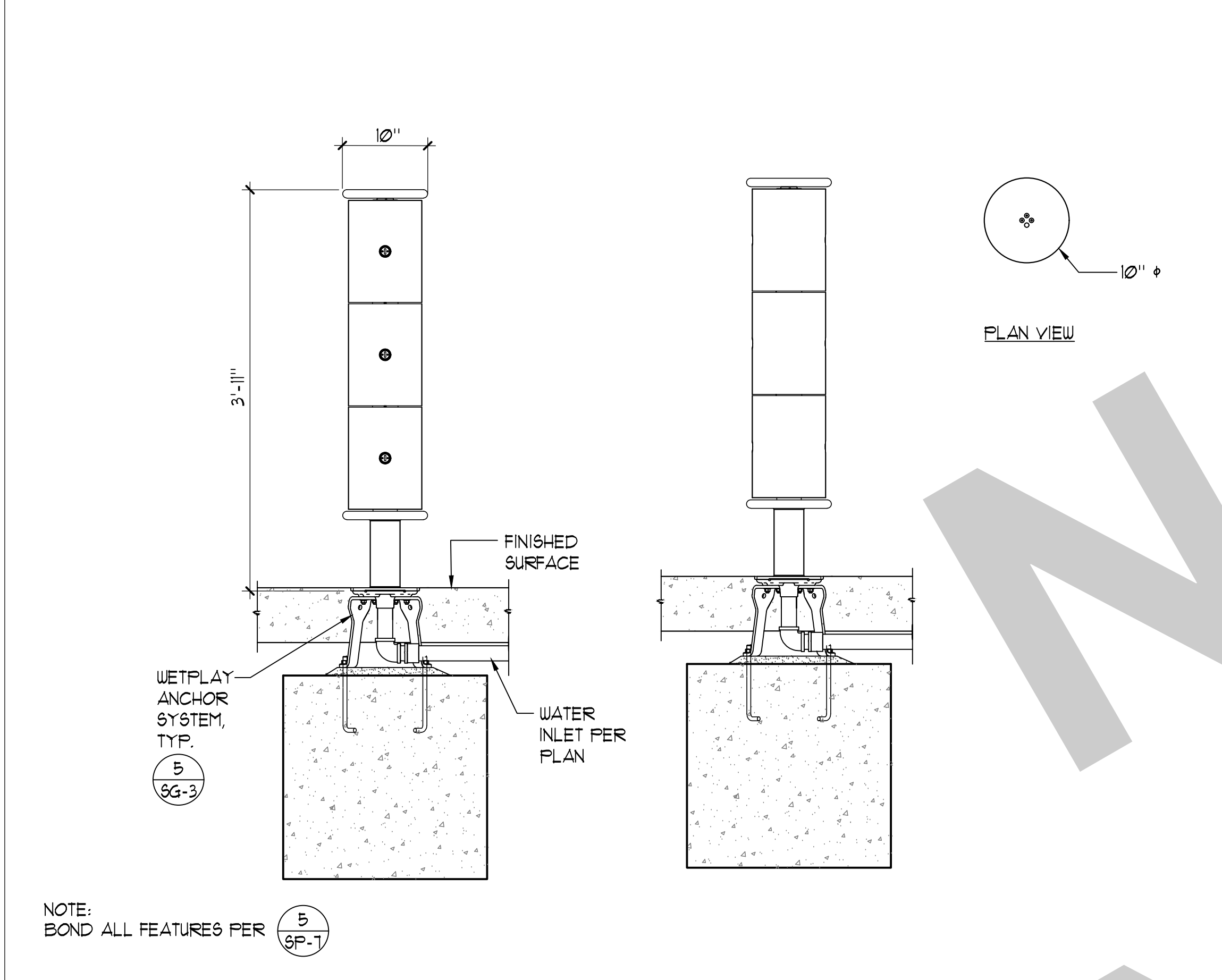
6 LILY PAD GROUND SPRAY DETAIL



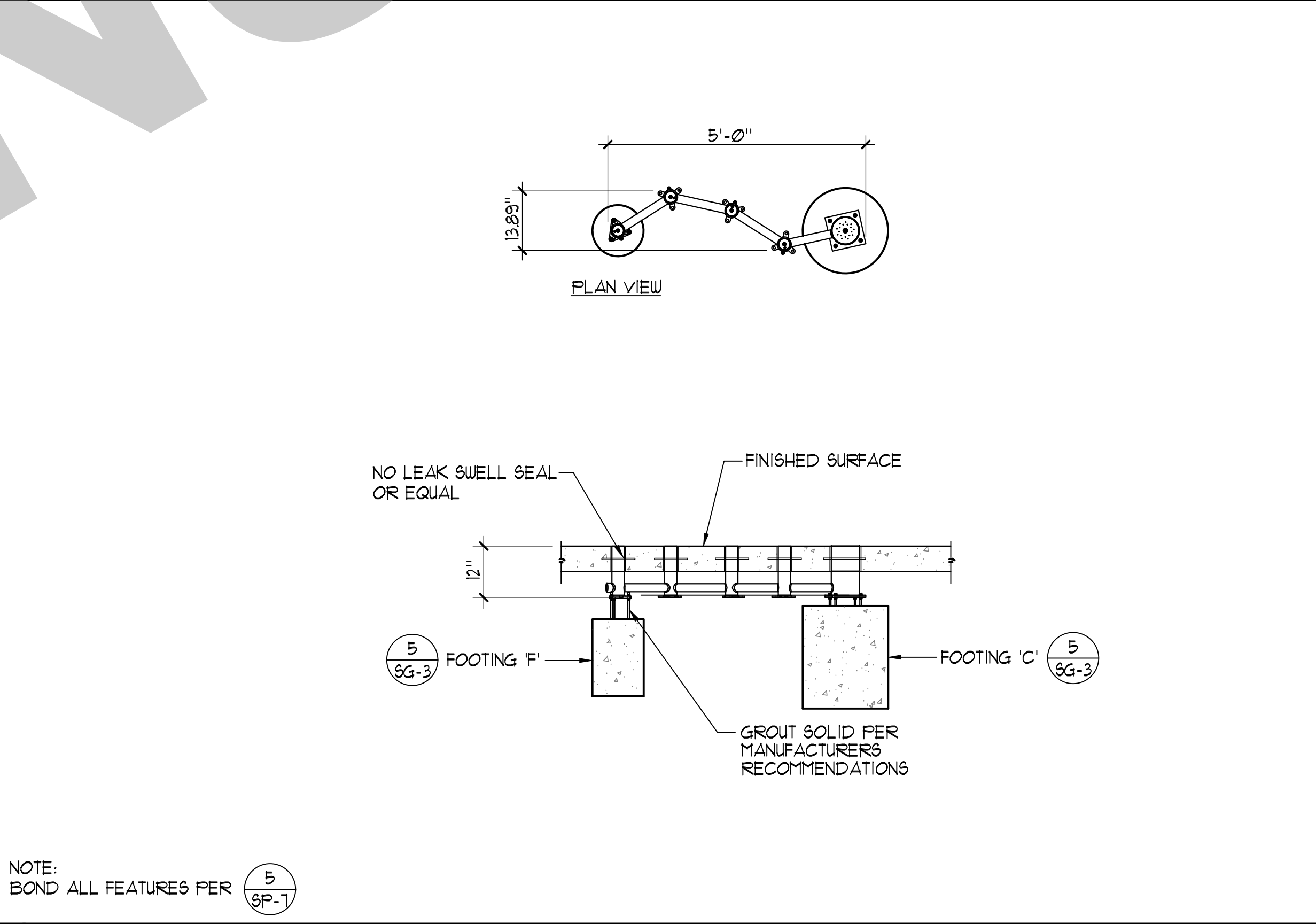
5 SPIN SPRAY 1 3/4"=1'-0"



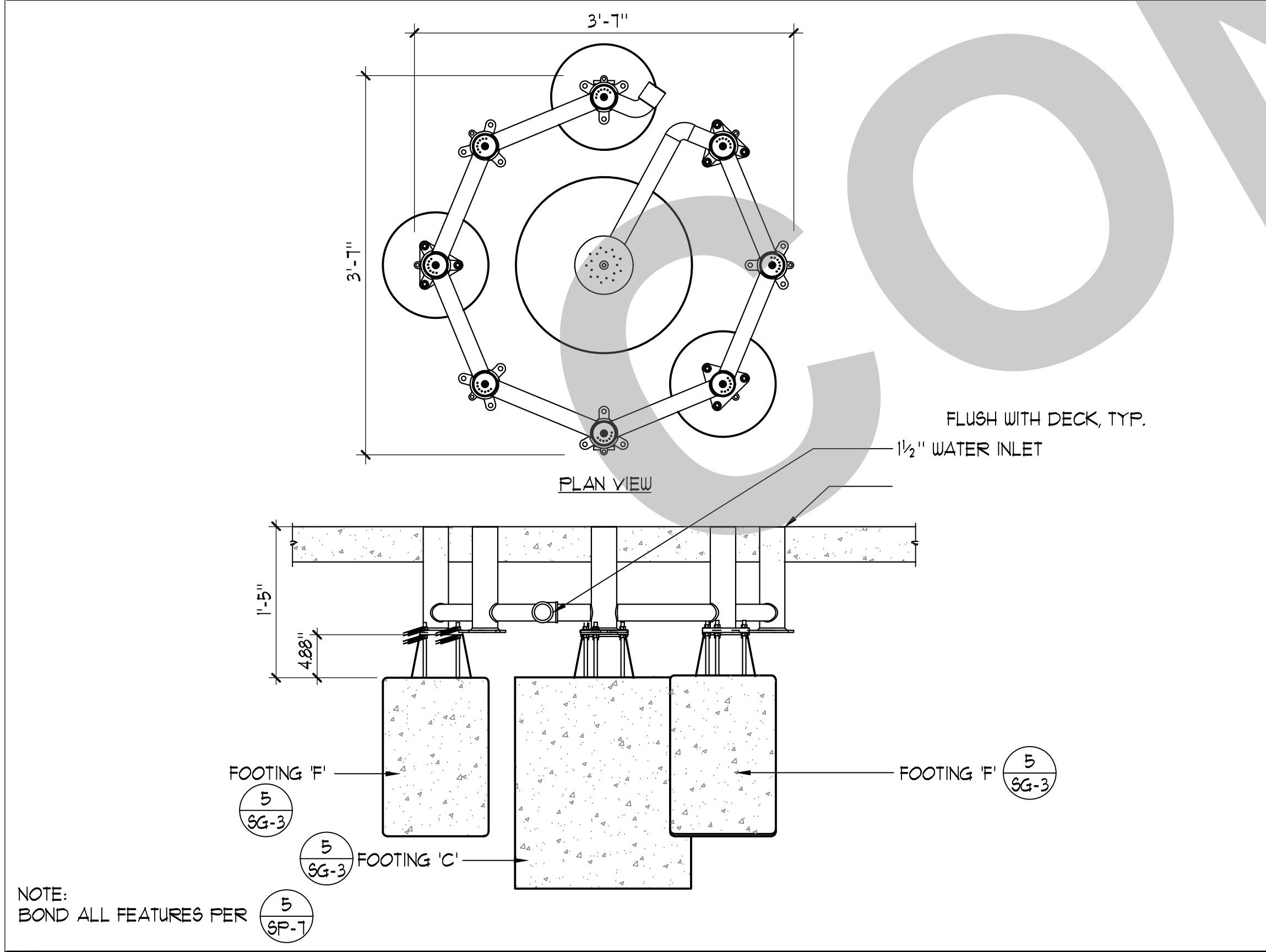
9 TRENCH DRAIN DETAIL 1/2"=1'-0"



4 MISTY TWISTY 3/4"=1'-0"

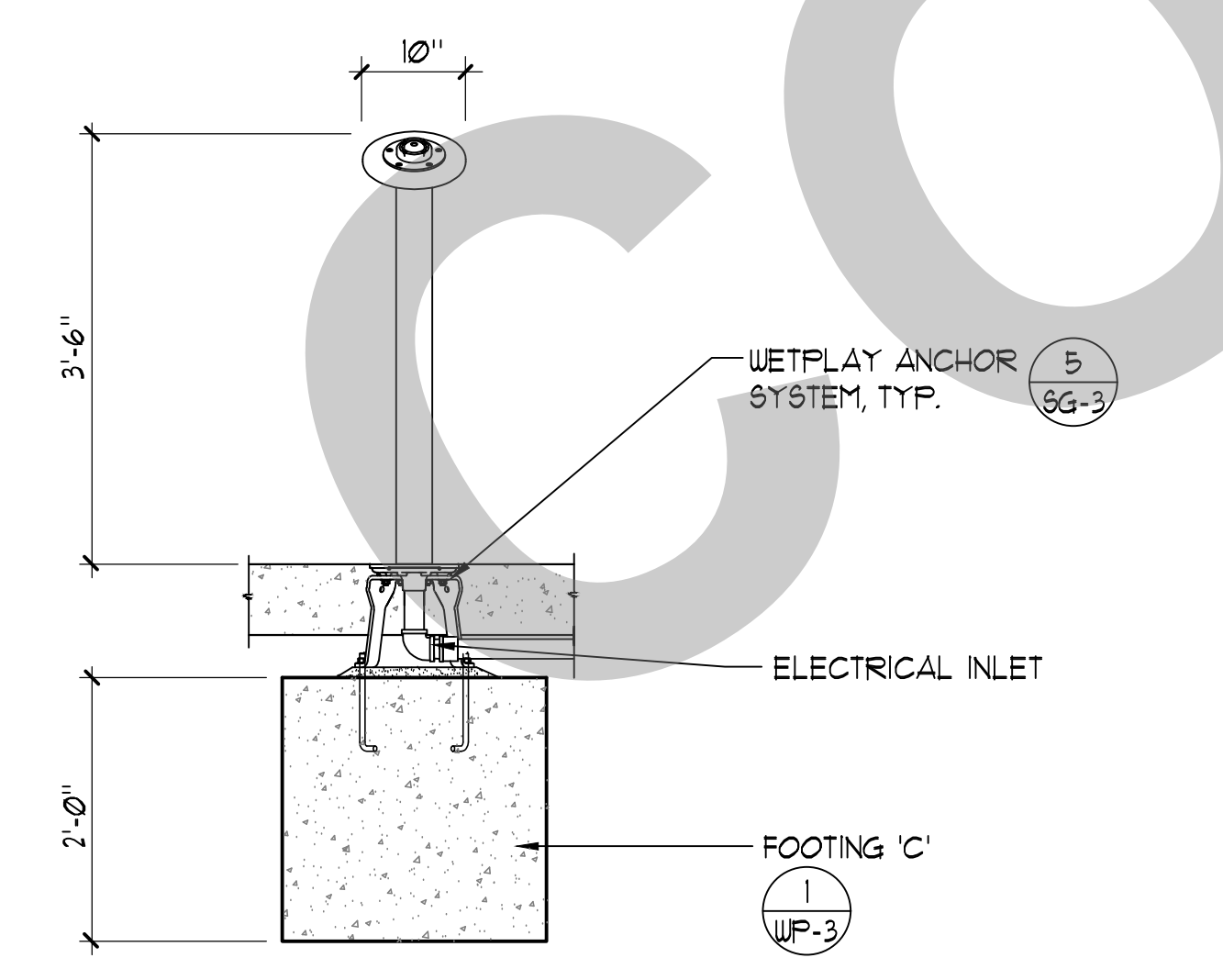
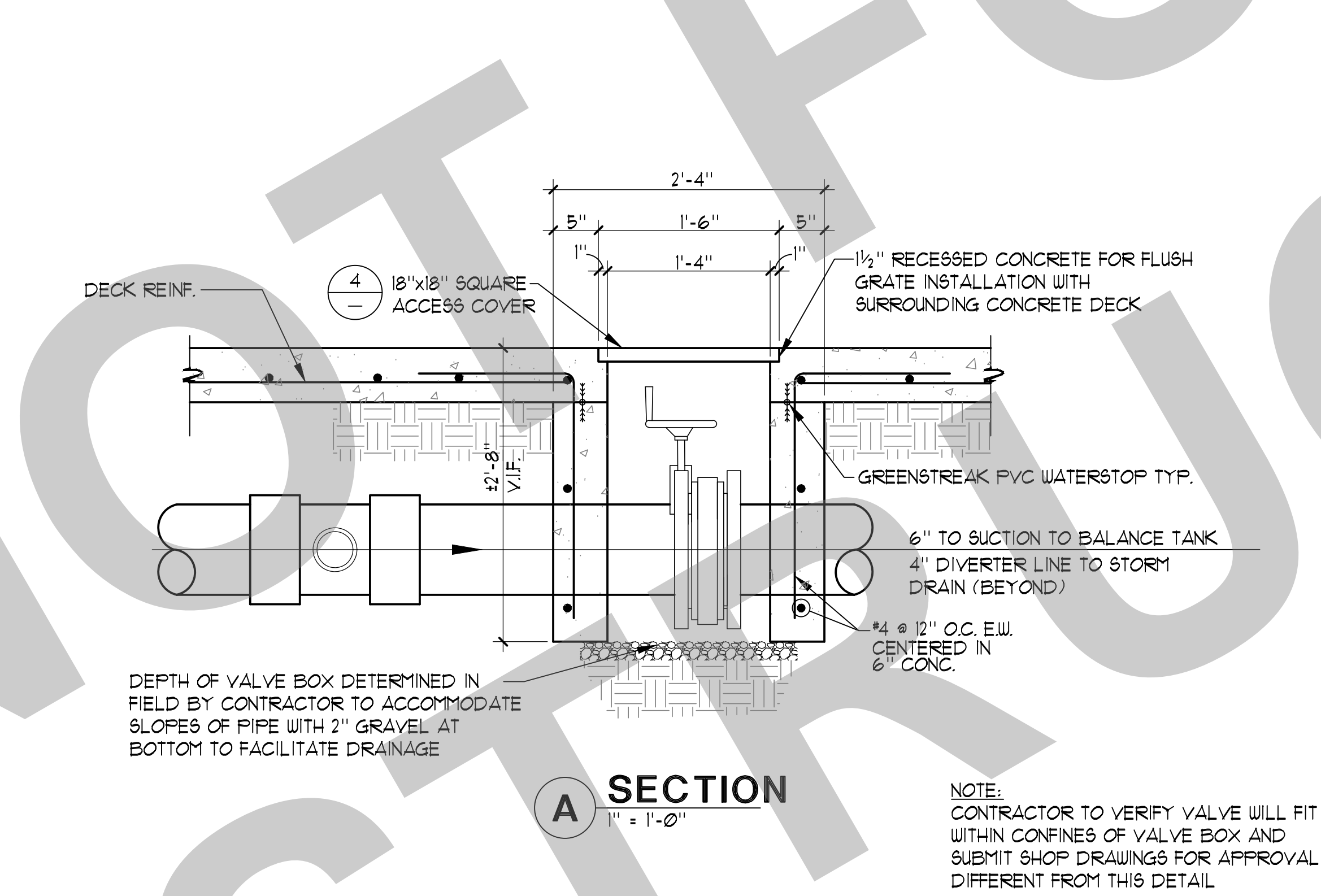
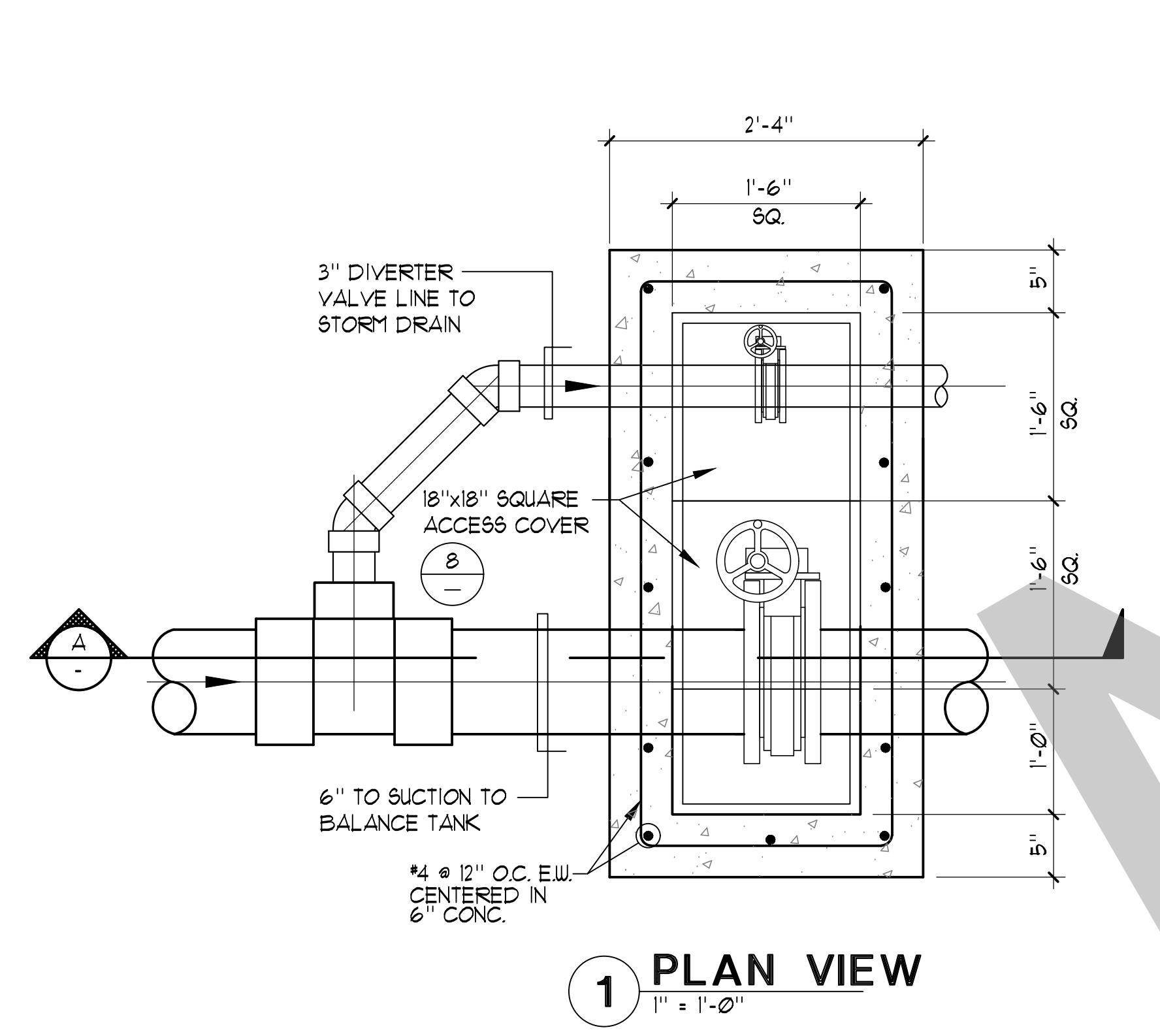
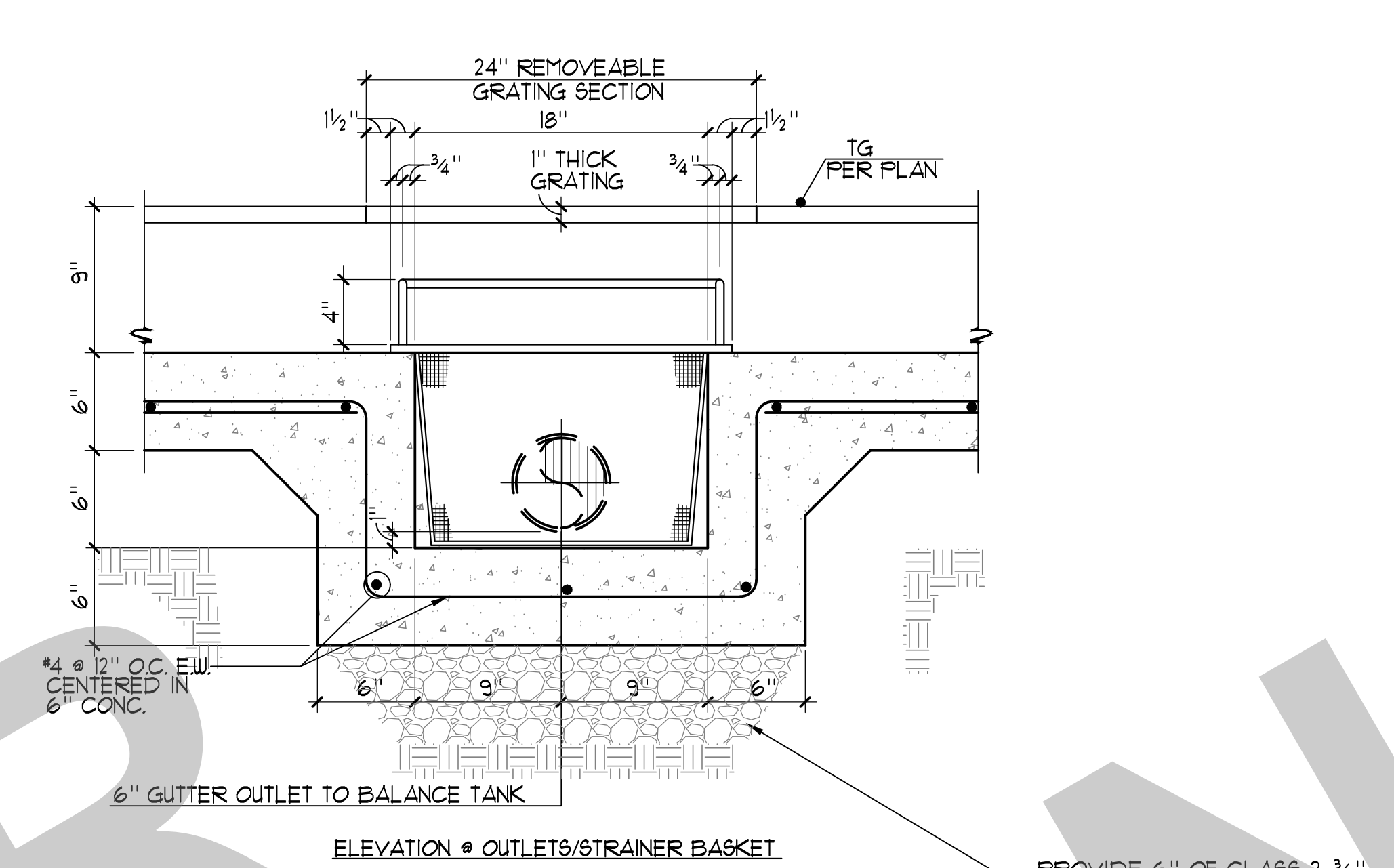
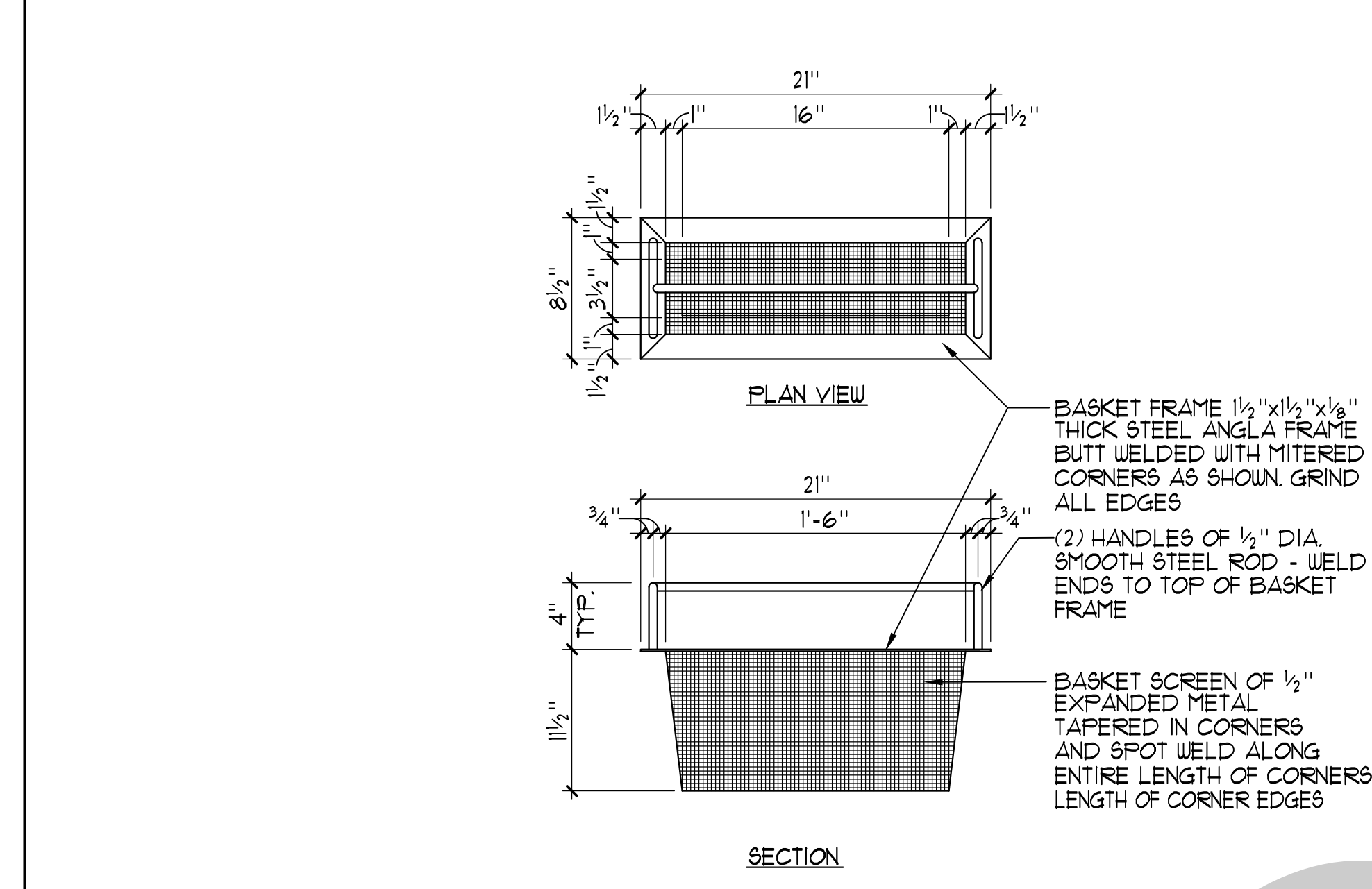
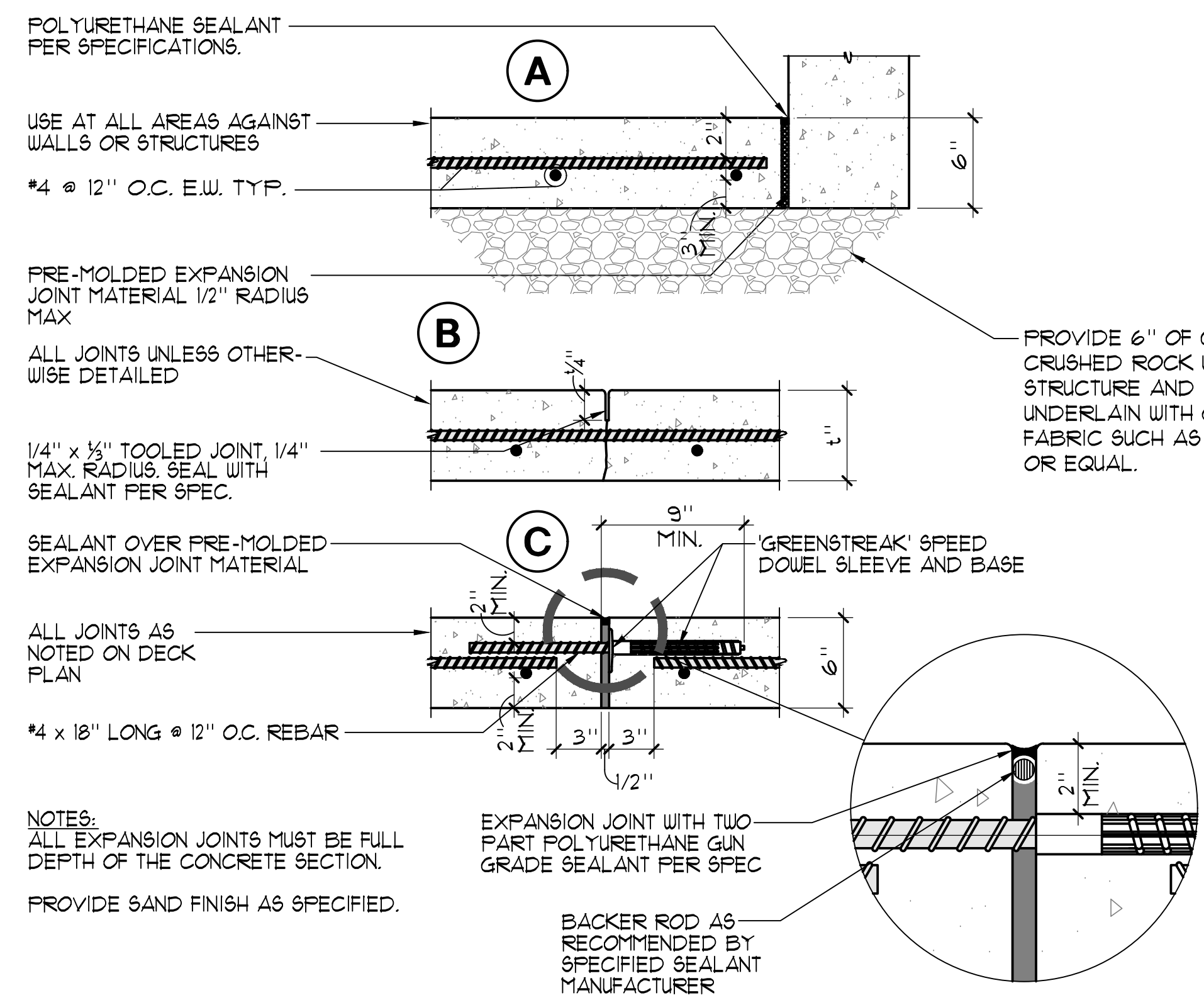


8 TEAM EFFECT MINI 1/2"=1'-0"



7 GROUP VOLCANO SPRAY 1"=1'-0"

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CITY OF STOCKTON
1001 N PERSHING AVE
STOCKTON, CA 95203

SPRAY GROUND DETAILS

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number SG-5
Drawn Author	Checked Checker

PRINT DATE: 10/24/2023 9:42:57 AM
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NOTE:
BOND ALL FEATURES PER 5/8P-7

MECHANICAL ANCHORAGE

- EXPANSION OR WEDGE ANCHORS INTO CONCRETE: HILTI KB TZ 2 (ICC ESR-4266) TO BE INSTALLED IN ACCORDANCE WITH ICC REPORT AND MANUFACTURER'S RECOMMENDATIONS.
- EXPANSION OR WEDGE ANCHORS INTO MASONRY: HILTI KB TZ 2 (ICC ESR-4561) TO BE INSTALLED IN ACCORDANCE WITH ICC REPORT AND MANUFACTURER'S RECOMMENDATIONS.
- FASTENERS SHALL BE STAINLESS STEEL FOR EXTERIOR USE OR WHEN EXPOSED TO WEATHER. PROVIDE GALVANIZED CARBON STEEL ANCHORS AT OTHER LOCATIONS, UNLESS OTHERWISE NOTED.
- IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON AND SHIFT THE HOLE LOCATION TO AVOID THE REINFORCEMENT. PROVIDE A MINIMUM OF 2" ANCHOR DIAMETERS OR 1 INCH, WHICHEVER IS LARGER, OF SOUND CONCRETE BETWEEN THE DOUFL AND THE ABANDONED HOLE. FILL THE ABANDONED HOLE WITH NON-SHRINK GROUT WITH CONCRETE STRENGTH EQUAL TO OR GREATER THAN BASE MATERIAL. IF THE ANCHOR OR DOUFL MAY NOT BE SHIFTED AS NOTED ABOVE, THE STRUCTURAL ENGINEER WILL DETERMINE A NEW LOCATION.
- LOCATE REINFORCEMENT AND CONFIRM FINAL ANCHOR LOCATIONS PRIOR TO FABRICATING PLATES, MEMBERS, OR OTHER STEEL ASSEMBLIES ATTACHED WITH MECHANICAL ANCHORS.
- ANCHORS SHALL BE PROOF-TESTED BY OWNER'S TESTING AND INSPECTION AGENCY.
- TEST ANCHORS NO SOONER THAN 24 HOURS AFTER INSTALLATION.
- APPLY TEST LOAD BY ANY METHOD THAT WILL EFFECTIVELY MEASURE THE TENSION OF THE ANCHOR SUCH AS DIRECT PULL WITH A HYDRAULIC JACK, TORQUE WRENCH, OR CALIBRATED SPRING LOADING DEVICES, ETC.
- REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY A BASE PLATE OR OTHER FIXTURE. IF RESTRAINT IS FOUND, LOOSEN AND SHIM OR REMOVE THE FIXTURE PRIOR TO TESTING.
- UNLESS OTHERWISE NOTED, PROVIDE MINIMUM EMBEDMENT OF ANCHORS AS SHOWN IN TABLES BELOW.
- TEST 50% OF ANCHORS PER ONE OF THE FOLLOWING METHODS AND IN ACCORDANCE WITH THE VALUES SHOWN IN THE TABLE:
 - HYDRAULIC RAM METHOD: APPLY PROOF TEST LOAD WITHOUT REMOVING THE NUT. IF IT IS NOT POSSIBLE TO TEST WITH THE NUT INSTALLED, REPLACE THE NUT WITH A THREADED COUPLER TO THE LOAD. ANCHOR IS ACCEPTABLE IF NO MOVEMENT IS OBSERVED AT THE TEST LOAD. MOVEMENT MAY BE DETERMINED WHEN THE WASHER UNDER THE NUT BECOMES LOOSE.
 - TORQUE WRENCH METHOD: TEST ANCHORS TO THE TORQUE LOAD INDICATED IN THE TABLE WITH ONE-HALF TURN OF THE NUT.
- IF ANY ANCHOR FAILS TESTING, REPLACE ANCHOR AND TEST ADDITIONAL ANCHORS OF THE SAME CATEGORY NOT PREVIOUSLY TESTED UNTIL TWENTY (20) CONSECUTIVE TESTS PASS, THEN RESUME INITIAL TESTING FREQUENCY. CCD WILL BE REQUIRED.

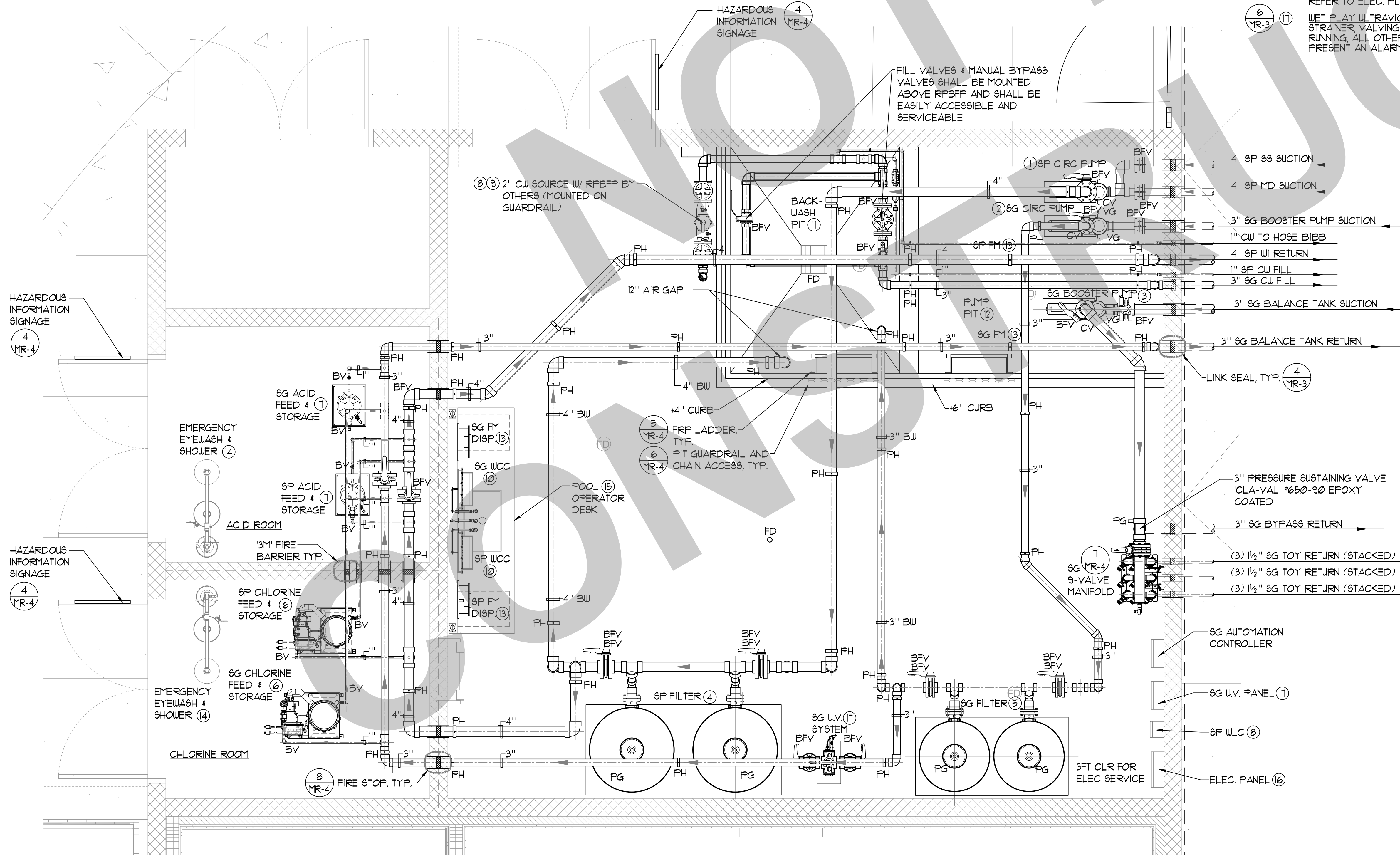
WEDGE, EXPANSION OR ADHESIVE ANCHOR EMBEDMENT DEPTH AND TEST LOAD									
SIZE	MIN. EMBED	HILTI KB TZ 2 (55) ANCHORS IN CONCRETE		KB TZ 2 (55) ANCHORS IN CMU		HILTI HIT-HY 200 ADHESIVE ANCHORS IN CONCRETE			
		TENSION LOAD (LBS)	TORQUE LOAD (FT-LBS)	MIN. EMBED	TENSION LOAD (LBS)	TORQUE LOAD (FT-LBS)	MIN. EMBED	FULL TEST LOAD (LBS)	TORQUE LOAD (FT-LBS)
1/4" DIA.	1 1/2"	800	10	1 1/4"	145	6	-	-	-
3/8" DIA.	2 1/2"	1500	25	3"	530	6	2,910	15	-
1/2" DIA.	3 1/4"	3,000	40	3 3/4"	640	25	5,165	30	-
3/4" DIA.	3 3/4"	4,900	60	4 1/2"	940	35	8,245	60	-
1" DIA.	3 3/4"	6,300	110	5 1/2"	1,365	50	10,500	100	-

MEP COMPONENT ANCHORAGE NOTE

- ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA - APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC SECTIONS 1611A.1.18 THROUGH 1611A.1.26 AND ASCE 1-16 CHAPTERS 13, 26 AND 30.
- ALL PERMANENT EQUIPMENT AND COMPONENTS.
 - TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 100/250 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
 - TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.
- THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:
- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
 - COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.
- THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

EQUIPMENT LIST

- SWIMMING POOL CIRCULATION PUMP: 'PENTAIR' 'WHISPERFLOW XF V8' PUMP, 208-230V 3PH, 5HP WITH INTEGRAL VARIABLE SPEED CONTROL; SELF PRIMING PUMP, 3450 RPM RATED AT 200 GPM AT 60 FT. TDH, WITH INTEGRAL STRAINER, ONE (1) TOTAL, (95 lbs.) PUMP TO BE PROGRAMMED WITH NORMAL CIRCULATION FLOW RATE OF 185 GPM, ONE (1) TOTAL.
- SPRAY GROUND CIRCULATION PUMP: 'PENTAIR' 'WHISPERFLOW XF V8' PUMP, 208-230V 3PH, 5HP WITH INTEGRAL VARIABLE SPEED CONTROL; SELF PRIMING PUMP, 3450 RPM RATED AT 200 GPM AT 60 FT. TDH, WITH INTEGRAL STRAINER, ONE (1) TOTAL, (95 lbs.) PUMP TO BE PROGRAMMED WITH NORMAL CIRCULATION FLOW RATE OF 134 GPM, INTERCONNECTED SPRAY GROUND CIRCULATION PUMP WITH SPRAY GROUND BOOSTER PUMP AND ULTRA-VIOLET SYSTEM TO ONLY ALLOW BOOSTER PUMP OPERATION WHEN CIRCULATION 4 ULTRA-VIOLET SYSTEM IS ON. ALL SYSTEMS SHALL OPERATE VIA A TIME CLOCK AND ENSURE A MIN 6 HOUR TREATMENT DURING THE DAILY CLOSED PERIOD PER CODE, ONE (1) TOTAL.
- SPRAY GROUND BOOSTER PUMP: 'PENTAIR' 'INTELLIFLO3' PUMP, 208V 1PH, 3HP WITH INTEGRAL VARIABLE SPEED CONTROL; SELF PRIMING PUMP, 3450 RPM RATED AT 120 GPM AT 60 FT. TDH, WITH INTEGRAL STRAINER, ONE (1) TOTAL, (85 lbs.) PUMP TO BE PROGRAMMED WITH NORMAL FLOW RATE OF 88 GPM, ONE (1) TOTAL. PUMP SHALL BE INTERCONNECTED TO SPRAY GROUND CIRCULATION PUMP AND SPRAYGROUND U.V. SYSTEM.
- SWIMMING POOL FILTER: 'PENTAIR' TRITON #R 140C-3 HI-RATE PERMANENT MEDIA FILTERS WITH 14.0 SQ. FT. OF FILTER AREA RATED AT 210 GPM AT 15 GPM/SQ. FT. COMPLETE WITH 4" PRE-MANUFACTURED MANIFOLD, AND 4" BACKWASH. PROVIDE ALL UTILITIES, PIPING, VALVING, ETC. TWO (2) TANKS TOTAL, (1007 lbs. EA. TANK).
- SPRAY GROUND FILTER: 'PENTAIR' TRITON #R 100C-3 HI-RATE PERMANENT MEDIA FILTERS WITH 9.8 SQ. FT. OF FILTER AREA RATED AT 141 GPM AT 15 GPM/SQ. FT. COMPLETE WITH 3" PRE-MANUFACTURED MANIFOLD, AND 3" BACKWASH. PROVIDE ALL UTILITIES, PIPING, VALVING, ETC. TWO (2) TANKS TOTAL, (670 lbs. EA. TANK).
- SWIMMING POOL 4 SPRAY GROUND CHLORINE STORAGE SYSTEM: 'ACUTAB' SERIES POWER BASE 1030 WITH 1" PIPING, 30 LBS. OF TABLETS RATED AT 612 LBS./DAY OUTPUT WITH PIPING, VALVING, BOOSTER PUMP AND FLOW METER, INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. CHEMICAL FEEDERS SHALL BE INTERLOCKED WITH CHEMICAL CONTROLLER, FLOW SWITCH AND BOOSTER/CIRCULATION PUMPS SO THAT NO CHEMICALS CAN BE DISPENSED WHEN SYSTEM IS NON-OPERATIONAL. TWO (2) TOTAL.
- SWIMMING POOL 4 SPRAY GROUND ACID STORAGE/FEED SYSTEM: 'FFG' 'ACID-RITE' UNIT MODEL AR-450-45lb. STORAGE, COMPLETE WITH PIPING, VALVING, VENTURI INJECTION AND 3/4HP BOOSTER PUMP NSF 50 CERTIFIED, ONE (1) TOTAL. CHEMICAL FEEDERS SHALL BE INTERLOCKED WITH CHEMICAL CONTROLLER, FLOW SWITCH AND BOOSTER/CIRCULATION PUMPS SO THAT NO CHEMICALS CAN BE DISPENSED WHEN SYSTEM IS NON-OPERATIONAL. TWO (2) TOTAL.
- SWIMMING POOL FILL SYSTEM: NICHE MOUNTED 'PEM' MODEL L104-46 WALL MOUNTED SENSOR UNIT WITH 'PEM' L104-100A, 115V UL LISTED CONTROL PANEL, SOLENOID VALVES, ETC. 1" FILL, ONE (1) TOTAL.
- SPRAY GROUND FILL SYSTEM: 3" 'CLA-VAL' FILL SYSTEM TO INCLUDE 2" 'CLA-VAL' SOLENOID CONTROL VALVE #36-01BY, 3" BRONZE OR STAINLESS STEEL BODY WITH STAINLESS STEEL DISC RETAINER AND DIAPHRAGM WASHER, BRONZE TRIM FLANGED GLOBE (METER), 120V AT 60HZ, SOLENOID WIRING SHALL BE WIRED TO WATER CHEMISTRY CONTROLLER, PROVIDE 6" AIR GAP AT FILL POINT, PROVIDE 1" CONDUIT FOR WATER LEVEL PROBE TO BECSYS.
- SWIMMING POOL 4 SPRAY GROUND WATER CHEMISTRY CONTROLLER(S): PROVIDE ONE (1) DEDICATED ETHERNET LINE FOR 'BECSYS' SYSTEM 5 WATER CHEMISTRY CONTROLLER, PROVIDE COMPLETE SYSTEM CONTROL PACKAGE 'BECSYS', 'IMPACT', 'WALLACE 4 TIERMAN' OR APPROVED EQUAL AND AUTO-FILL SENSOR/PROBE FOR SPRAY GROUND BALANCE TANK TWO (2) TOTAL.
- BACKWASH PIT: 8'-0" x 6'-0" x 5'-0" DEEP WITH 6" P-TRAP OUTLET TO SEWER, PROVIDE WATERPROOFING PER SPECIFICATIONS. COORDINATE WITH STRUCTURAL AND PLUMBING PLANS.
- PUMP PIT: 8'-8" x 8'-0" x 5'-0" DEEP, PROVIDE 2" GALV. STANDARD STEEL PIPE GUARDRAIL, PROVIDE FLOOR DRAIN TO WASTE, PROVIDE WATERPROOFING PER SPECIFICATIONS.
- FLOWMETER: 'SIGMET' #515 DIGITAL FLOW METER WITH DIGITAL READOUT, SWIMMING POOL SIZE = 4', SPRAY GROUND SIZE = 3', TWO (2) TOTAL.
- EYEWASH/SHOWER: HANS MODEL #3200-8309CRP BARRIER FREE COMBINATION SHOWER AND EYE/FACE WASH WITH CORROSION RESISTANT PROTECTION. SEE MEP SHEETS FOR SUPPLY PIPING, TWO (2) TOTAL.
- POOL OPERATOR WORKSTATION DESK: TOTAL LAB SOLUTIONS' EPOXY COUNTERTOP WITH DROP-IN SINK AND TWO (2) END CABINETS, FURNISH WITH WALL MOUNTED THREE (3) FAUCETS 'BROEN BOSS' OR APPROVED EQUAL. SEE MEP PLANS FOR WATER SUPPLY PIPING AND SINK DRAINAGE.
- ELECTRICAL: PROVIDE ALL ELECTRICAL WIRING CONDUIT, PANEL(S), STARTER/DISCONNECT INTERCONNECT(S) ETC. AS REQUIRED FOR PROPER EQUIPMENT INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS AND SHOP DRAWINGS. COORDINATE ALL WORK WITH OTHER TRADES AS REQUIRED. REFER TO ELEC. PLANS FOR ALL ADDITIONAL INFO. ALL UNDERWATER LIGHTS TO BE CONTROLLED VIA 24HR. TIME CLOCK.
- WET FLAY ULTRAVIOLET SYSTEMS: EVOQUA #UF-115-3-N, 15 kW 208/230V 1PH WITH 20 AMP BREAKER, RATED AT 242 GPM AT 40m³/cm². COMPLETE WITH STRAINER, VALVING AND CONTROL PANEL, ONE (1) SYSTEMS COMPLETE U.V. SHALL BE INTERLOCKED WITH ALL SPRAY GROUND PUMPS. IF U.V. IS NOT RAINING, ALL OTHER SYSTEMS TO STOP WATER CHEMISTRY CONTROLLER SHALL BE INTERLOCKED TO SUSPEND OPERATIONS OF CHEMICALS AND PRESENT AN ALARM TO OPERATOR.



GENERAL NOTES

- THE PIPING SYSTEM SHALL HAVE DIRECTION OF FLOW ARROWS INDICATED ON THE PIPES.
- PUBLIC POOLS SHALL HAVE A FLOW DIAGRAM OF THE POOLS PIPING SYSTEM WITH OPERATION INSTRUCTIONS.
- THE FLOW DIAGRAM AND INSTRUCTIONS SHALL BE AVAILABLE ON THE PREMISES AT ALL TIME.
- ALL CHEMICAL FEED SYSTEMS ARE INTERLOCKED WITH THEIR ASSOCIATED CIRCULATION PUMPS AND SHALL NOT OPERATE WHEN THE PUMP IS OFF OR DURING THE FILTER BACKWASH.
- ALL PLUMBING ABOVE GRADE SHALL BE SCH. 80 PVC PIPE, UNLESS NOTED OTHERWISE.
- ALL MECHANICAL ROOM FLOORS SHALL BE SLOPED A MIN. 1/4" PER FOOT TO A DRAIN. SEE ARCHITECTURAL SHEETS FOR SPOF ELEVATIONS AND SLOPES.
- ALL MECHANICAL ROOM HOUSEKEEPING PADS SHALL BE 4" THICK UNLESS NOTED OTHERWISE.

LEGEND

PH	=	PIPE HANGER	(5) MR-3
VG	=	VACUUM GAUGE	(2) MR-3
PG	=	PRESSURE GAUGE	(2) MR-3
WLC	=	WATER LEVEL CONTROLLER	(2) SP-1
MD	=	MAIN DRAIN	(3) SP-5
CW	=	COLD WATER	(1) SP-6
SS	=	SURFACE SKIMMER	(1) SP-6
WI	=	WALL INLET	(2) MR-2
FM	=	FLOW METER	(3) MR-2
BV	=	BALL VALVE	(1) MR-4
BFV	=	BUTTERFLY VALVE	(3) MR-4
CV	=	CHECK VALVE	(3) MR-4
BW	=	BACKWASH	(3) MR-4
RFBFP	=	REDUCED PRESSURE BACKFLOW PREVENTOR	(1) MR-4
WCC	=	WATER CHEMISTRY CONTROLLER	(1) MR-2
SP	=	SWIMMING POOL	(1) SP-1
SG	=	SPRAY GROUND	(1) SG-1
PG	=	PRESSURE GAGE	(1) MR-3

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NO.	REMARKS	DATE

DATE

KEY PLAN

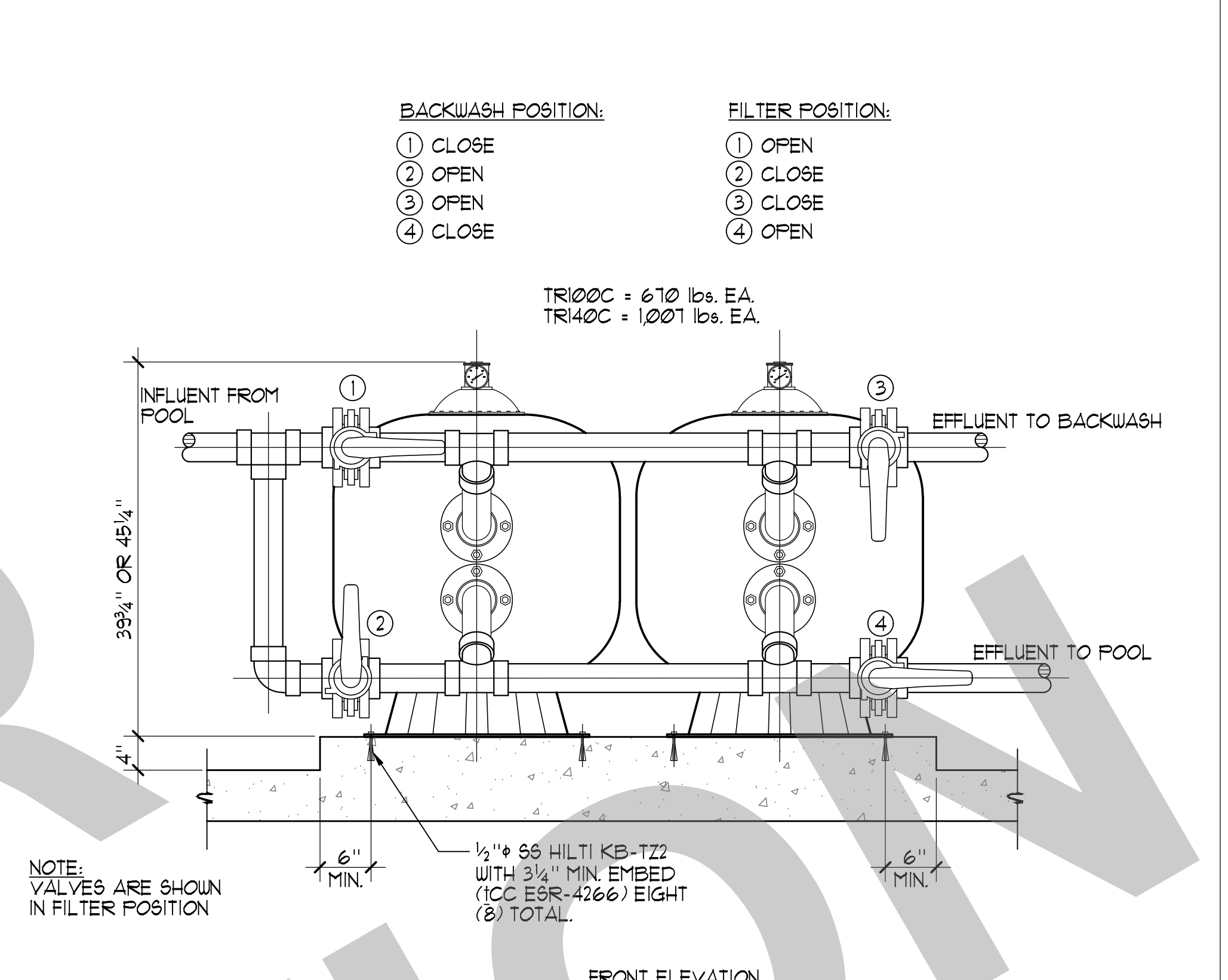
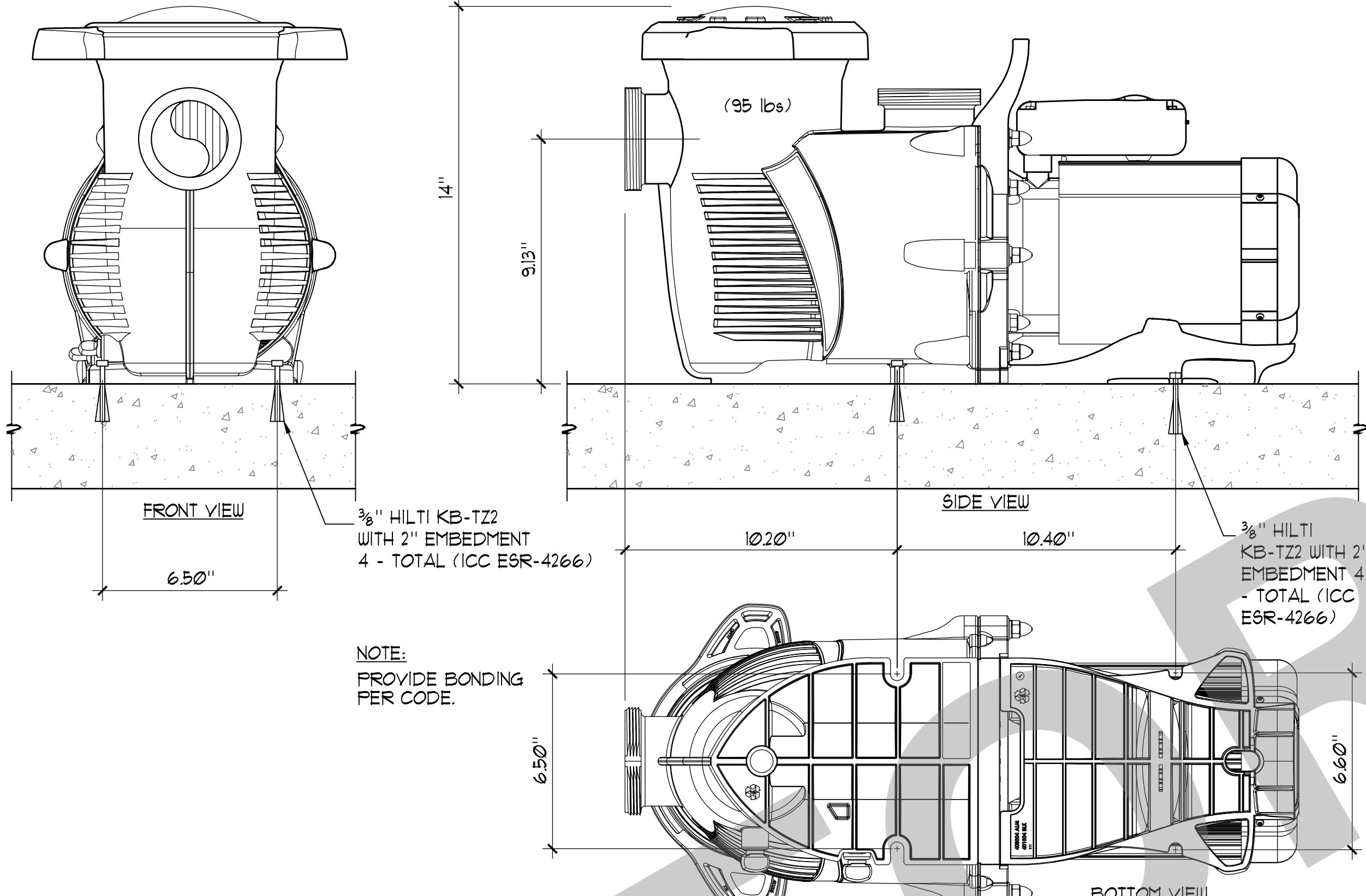
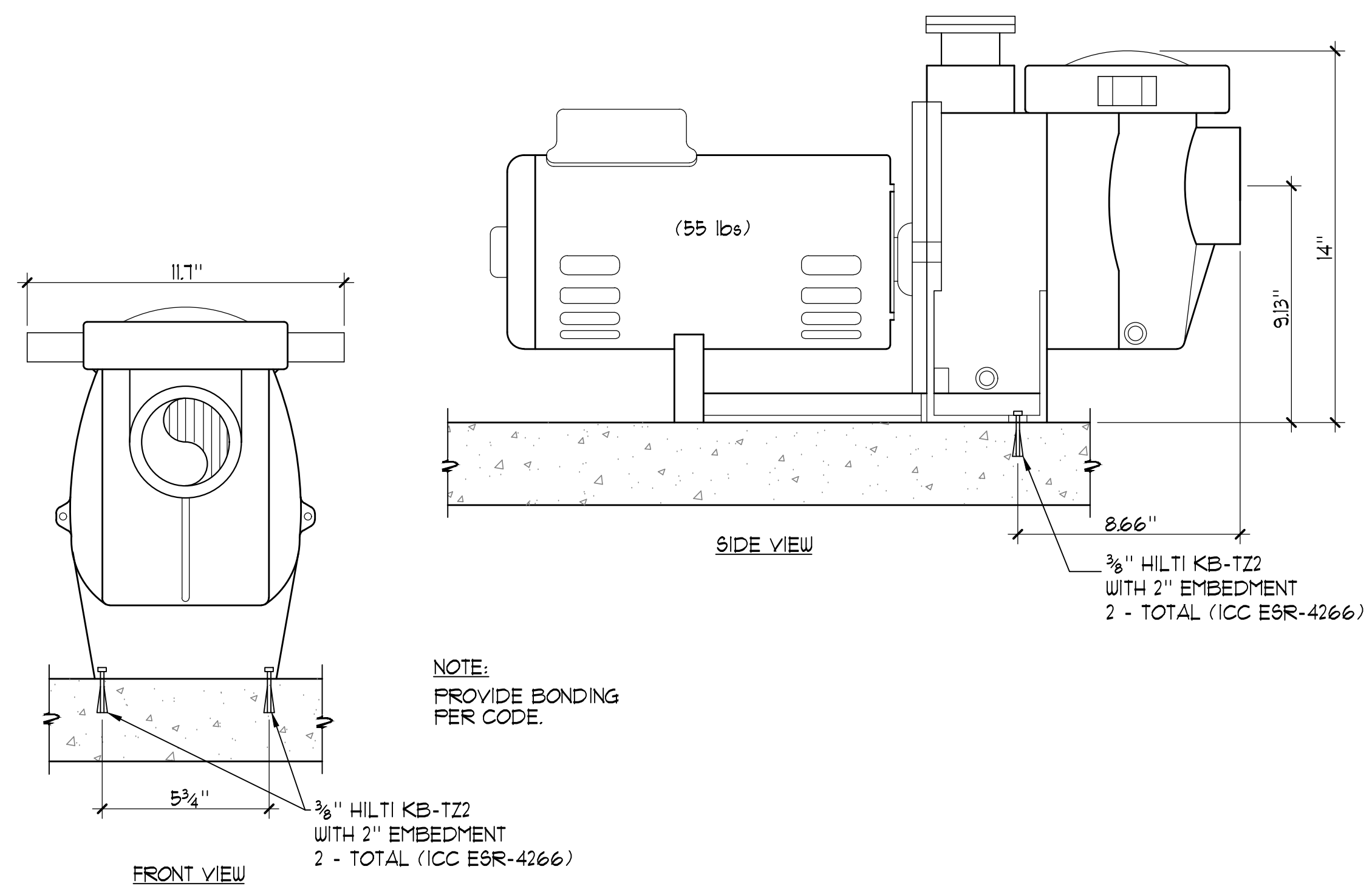
CITY OF STOCKTON
 425 N EL DORADO STREET
 STOCKTON, CA 95202

DESIGN DEVELOPMENT

VICTORY PARK POOL
 CITY OF STOCKTON
 1001 N PERSHING AVE
 STOCKTON, CA 95203

MECHANICAL ROOM LAYOUT PLAN

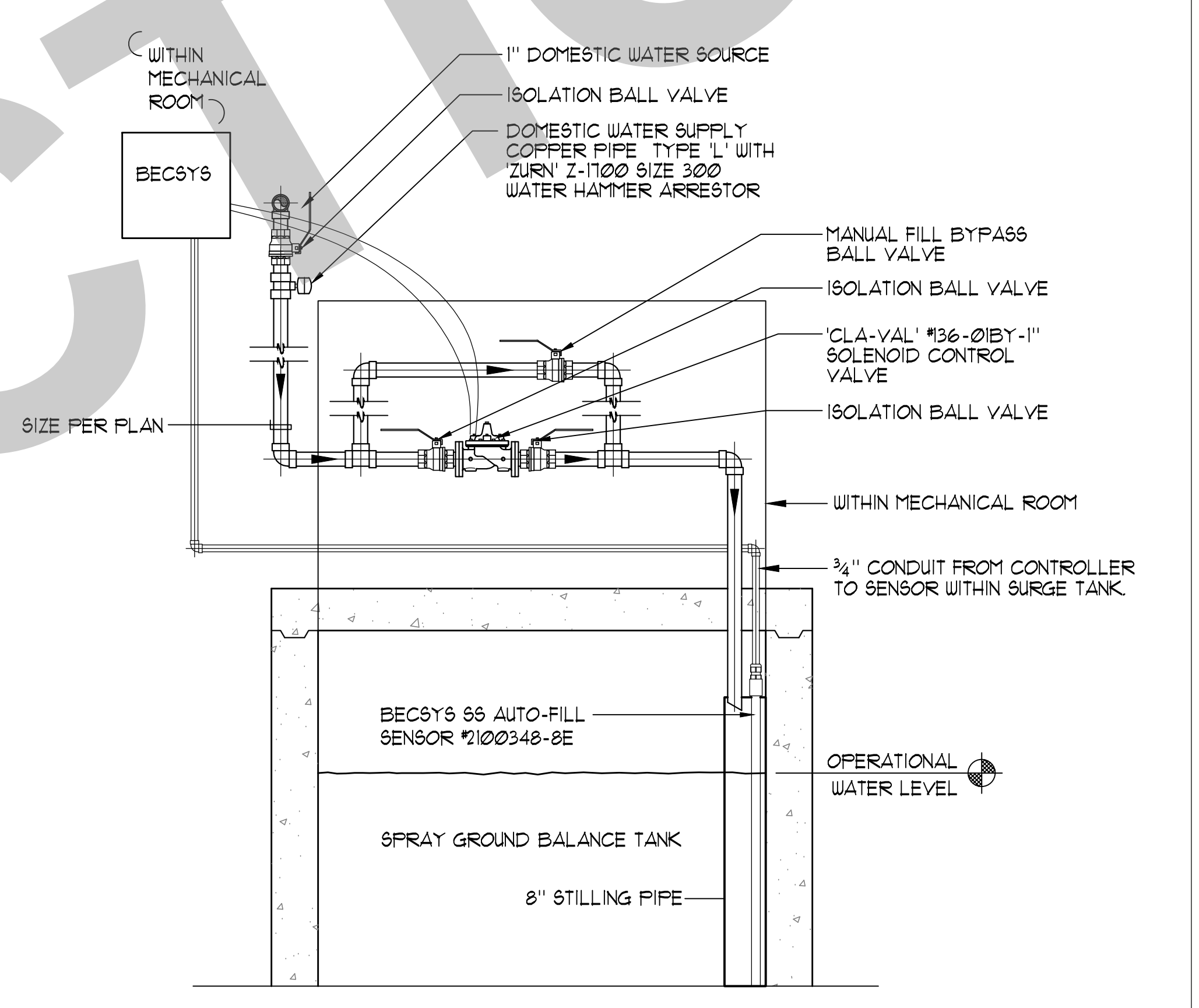
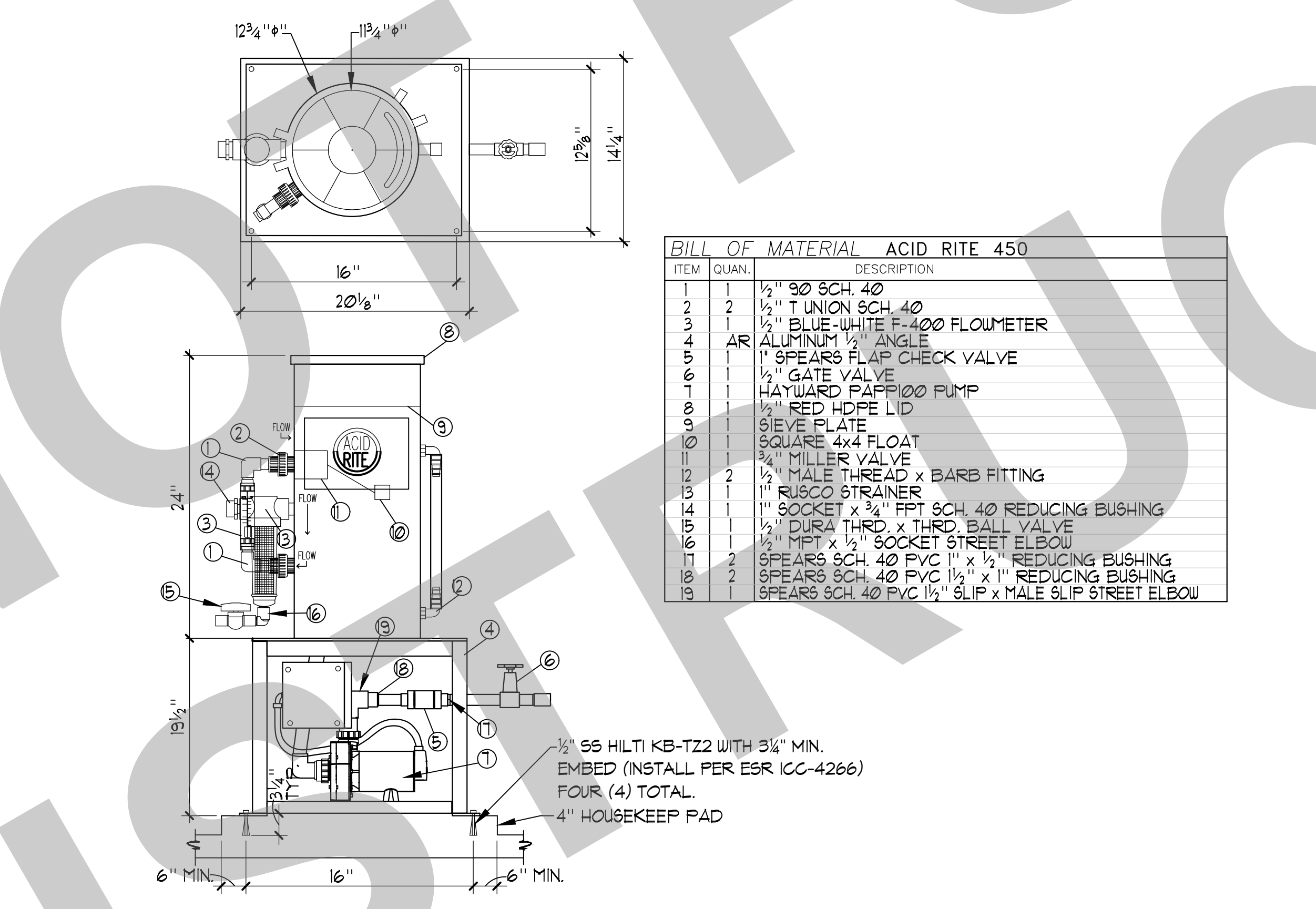
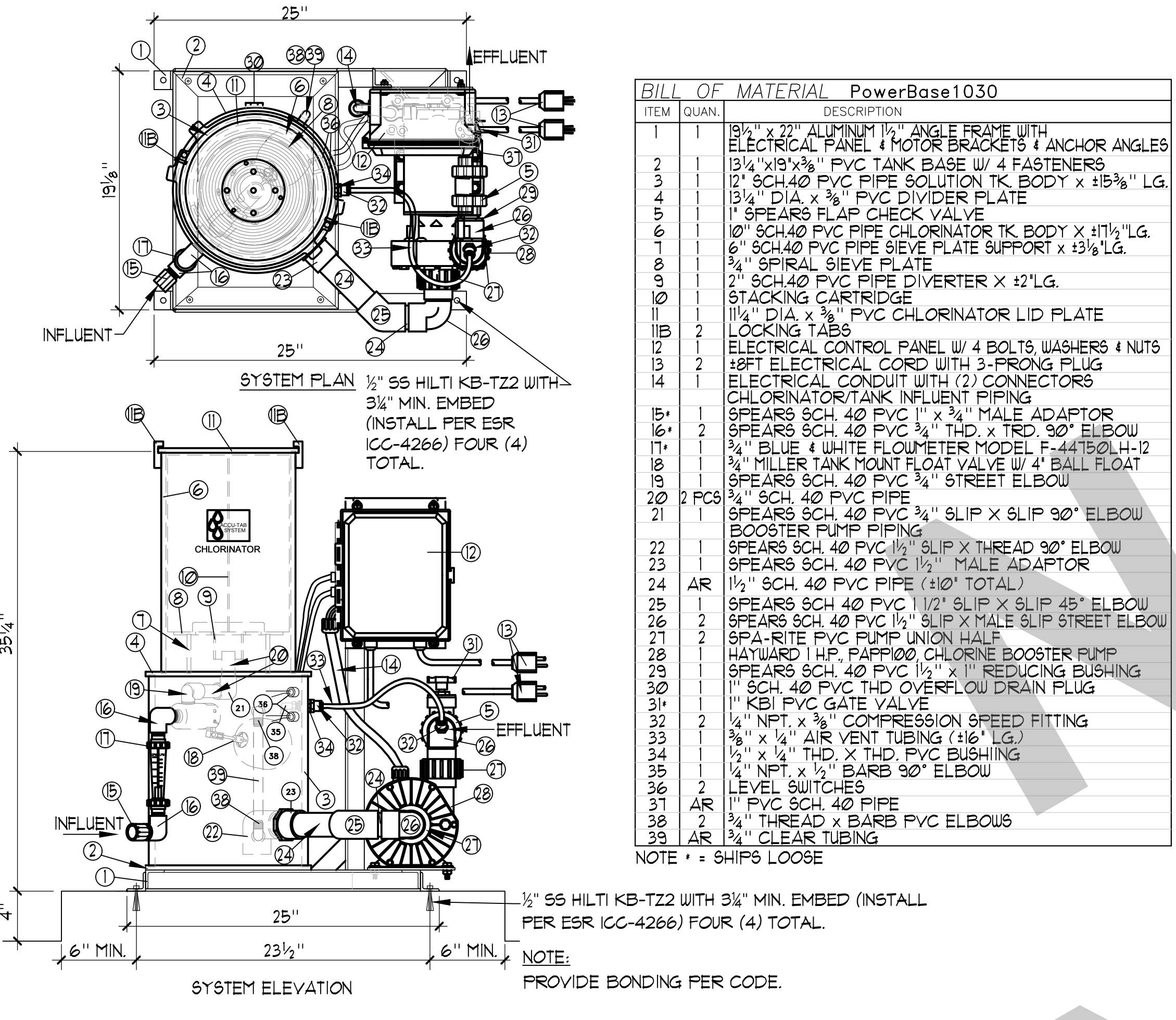
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MM/DD/YYYY	22009
Application Number	Drawing Number
XX-XXXXXX	MR-1
Drawn	Checked
Author	Checker



1 PUMP ANCHORAGE NO SCALE

2 PUMP ANCHORAGE 3" x 11'-0"

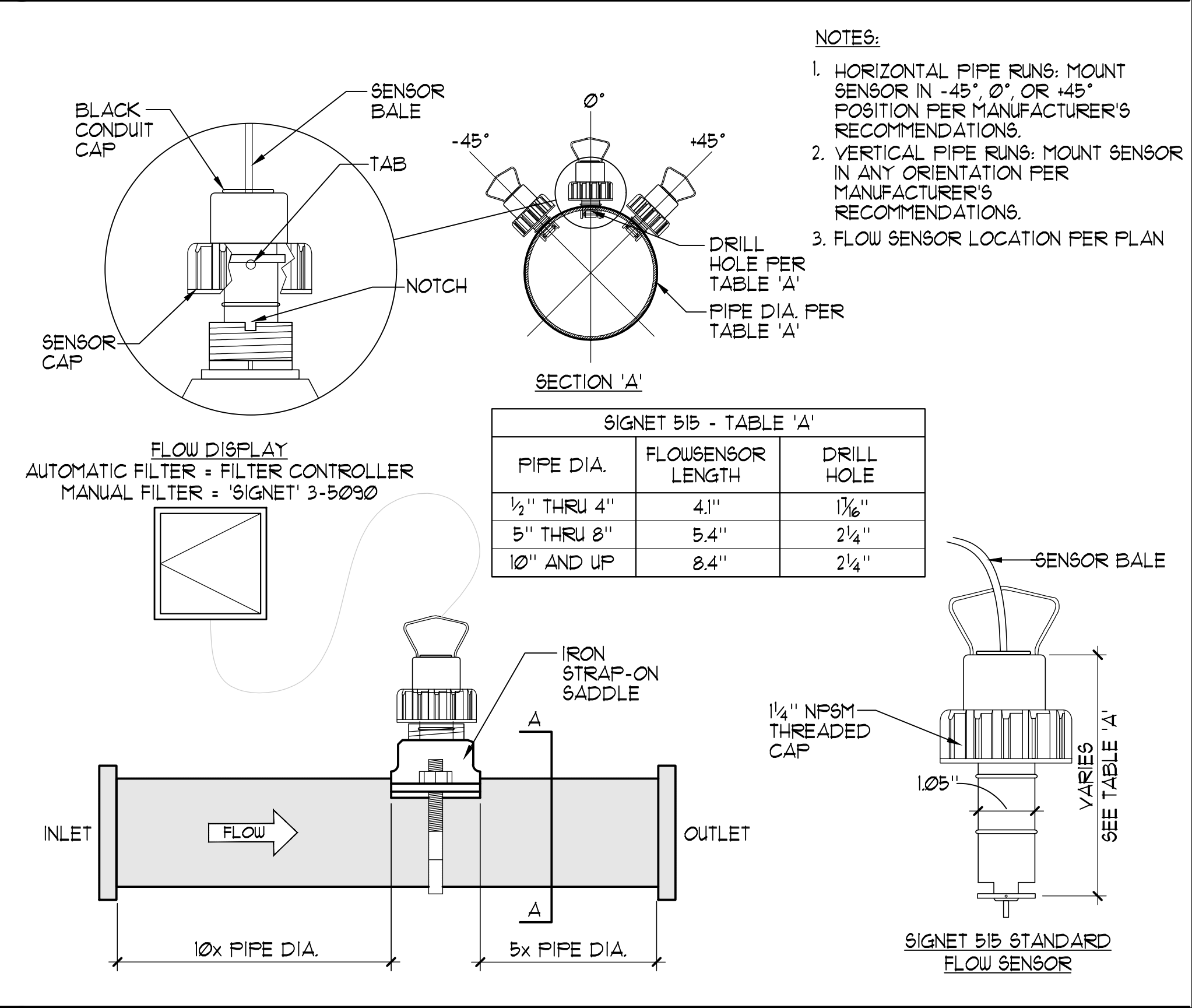
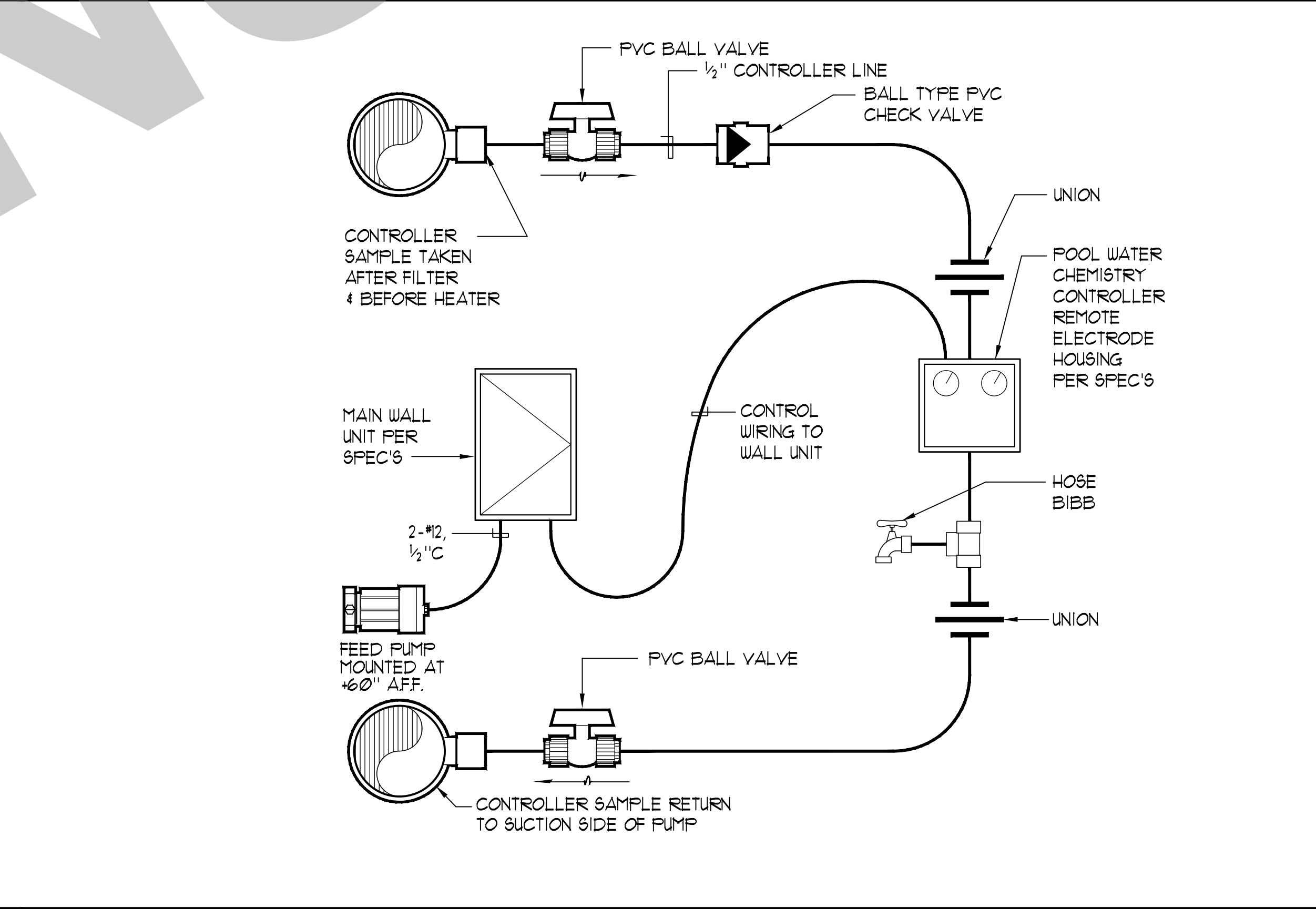
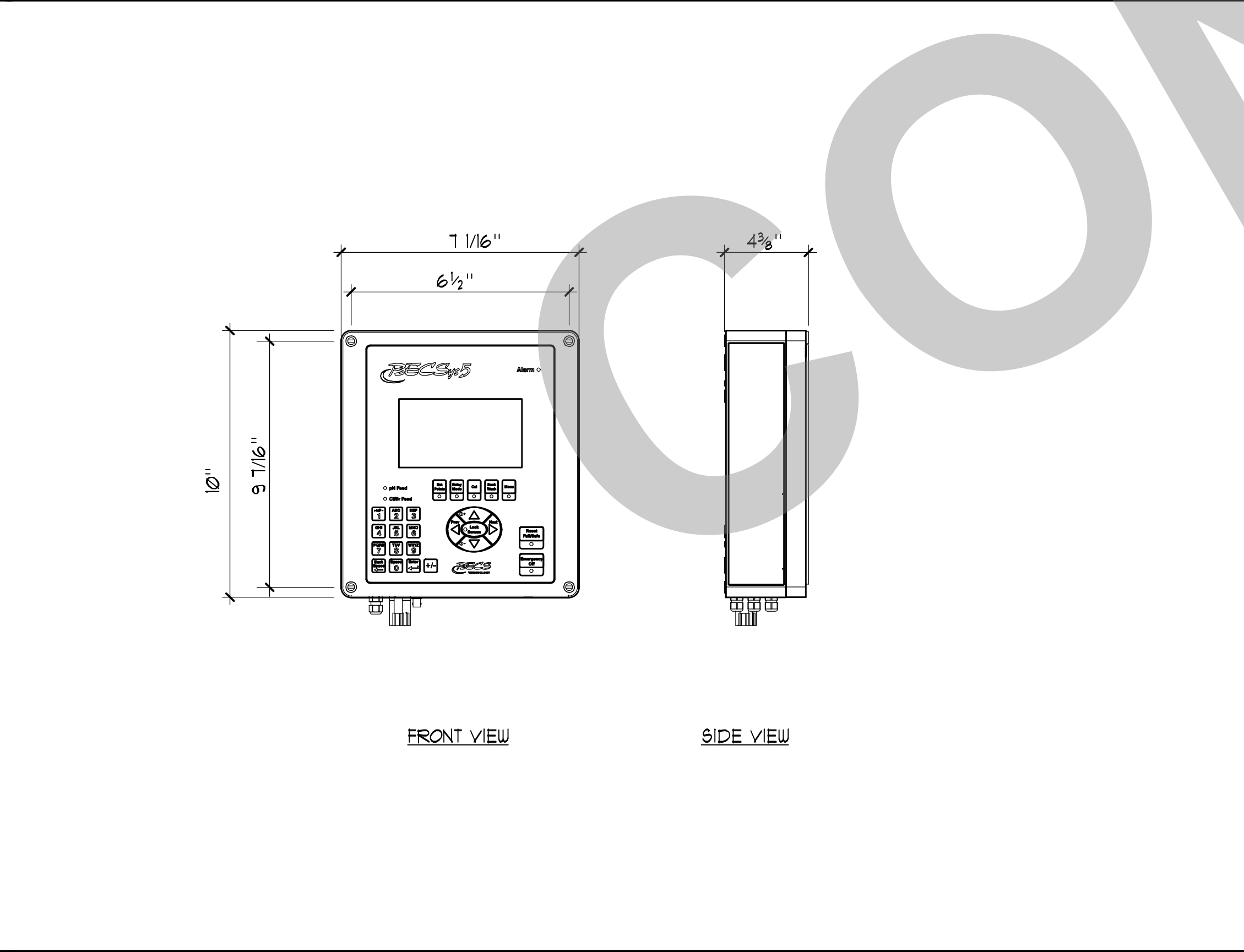
3 FILTER ANCHORAGE NO SCALE



4 PPG ACCU-TAB CHLORINATION SYSTEM 1 1/2" x 11'-0"

5 ACID TABLET FEEDER 1 1/2" x 11'-0"

6 AUTOMATIC/MANUAL WATER MAKE-UP SCHEMATIC NO SCALE



7 BECSYS 5 WATER CHEMISTRY CONTROLLER 1 1/2" x 11'-0"

8 WATER CHEMISTRY CONTROLLER SCHEMATIC NO SCALE

9 SIGNET FLOWMETER NO SCALE

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NO.	REMARKS	DATE

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DRAWING STATUS
 DSA PLAN CHECK
 DSA BACK CHECK
 BIDDING
 CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
 425 N EL DORADO STREET
 STOCKTON, CA 95202

DESIGN DEVELOPMENT

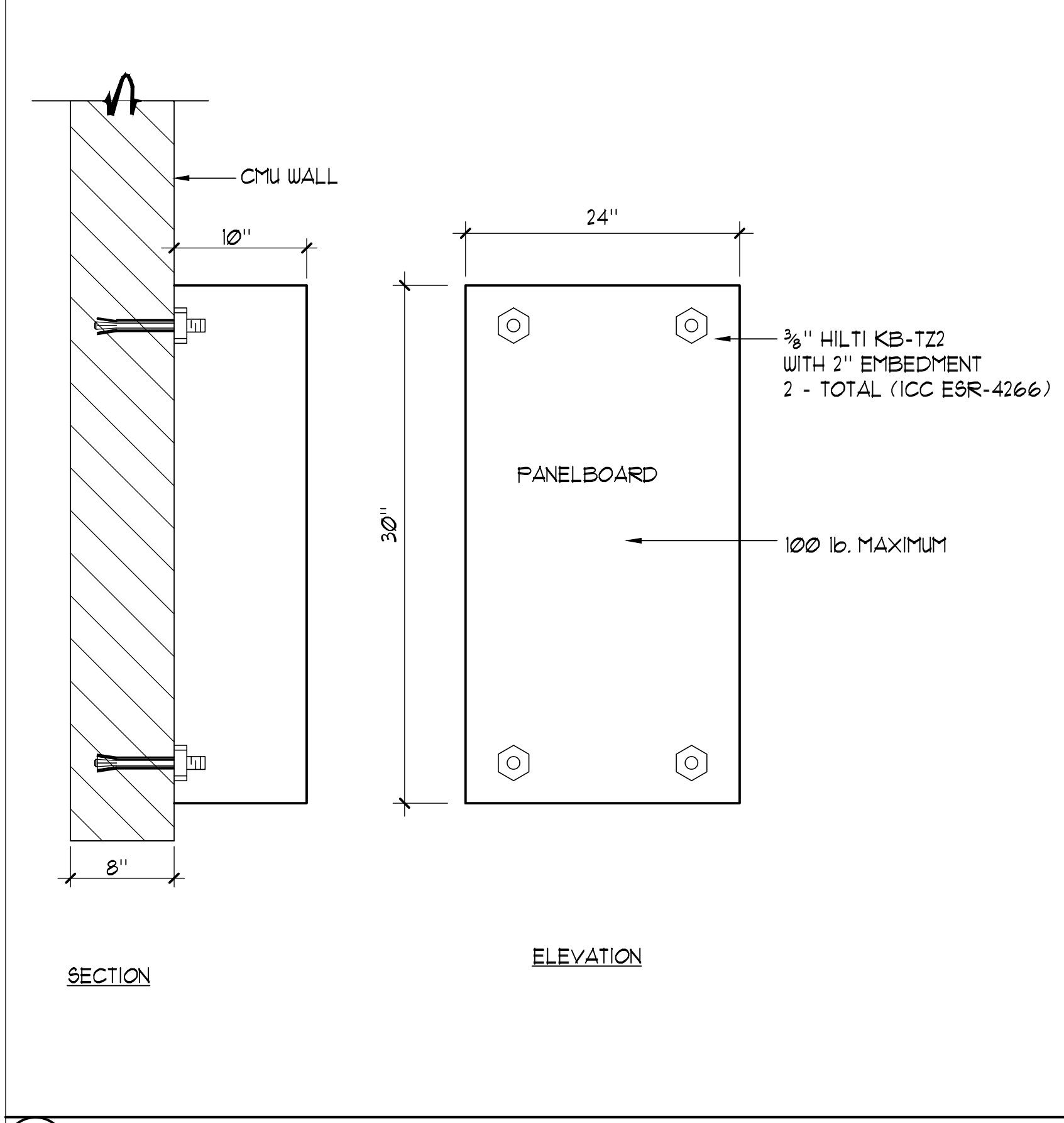
VICTORY PARK POOL
 CITY OF STOCKTON
 1001 N PERSHING AVE
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MECHANICAL ROOM DETAILS

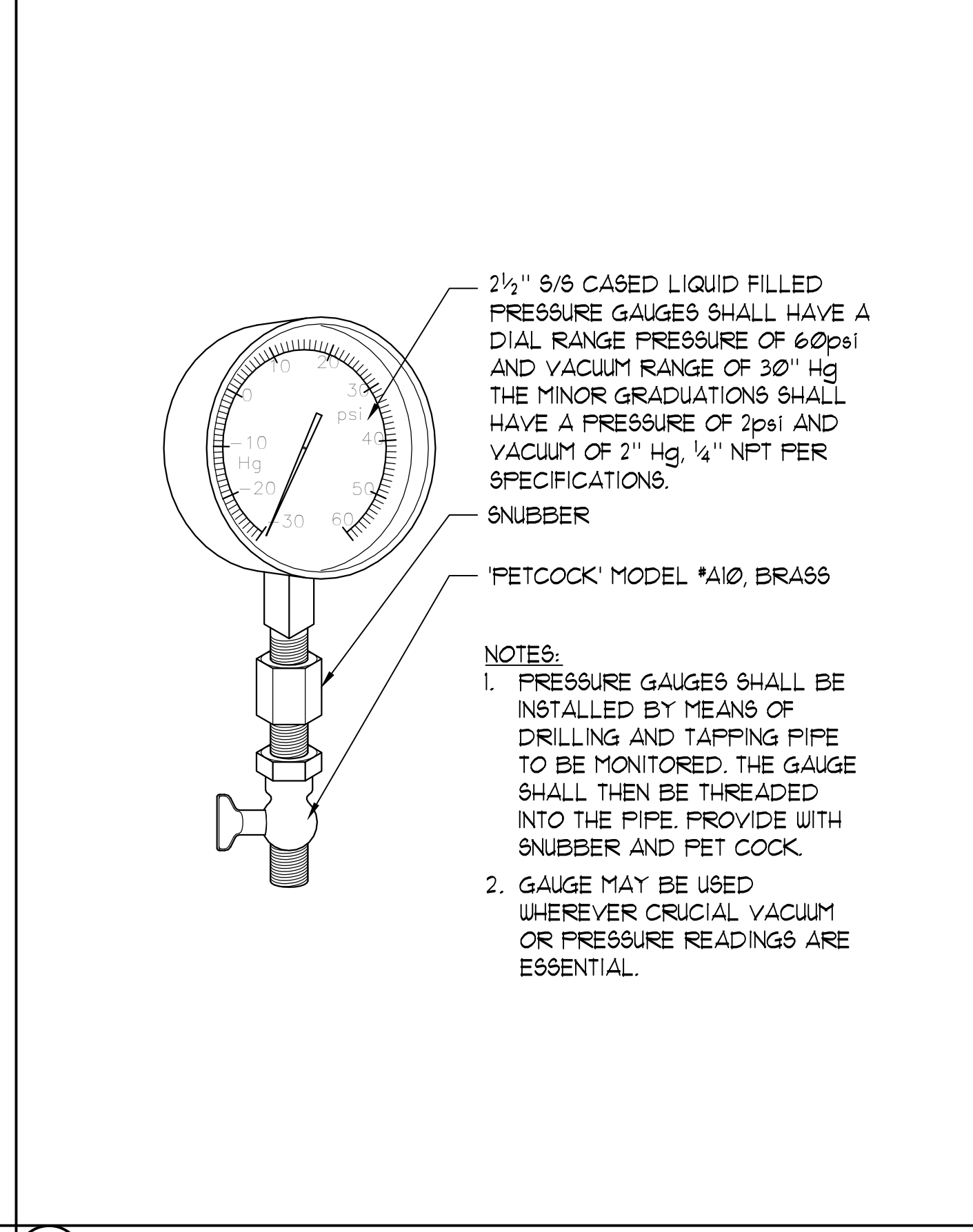
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 Author: [Name]

Project Number: 22009
 Drawing Number: MR-2

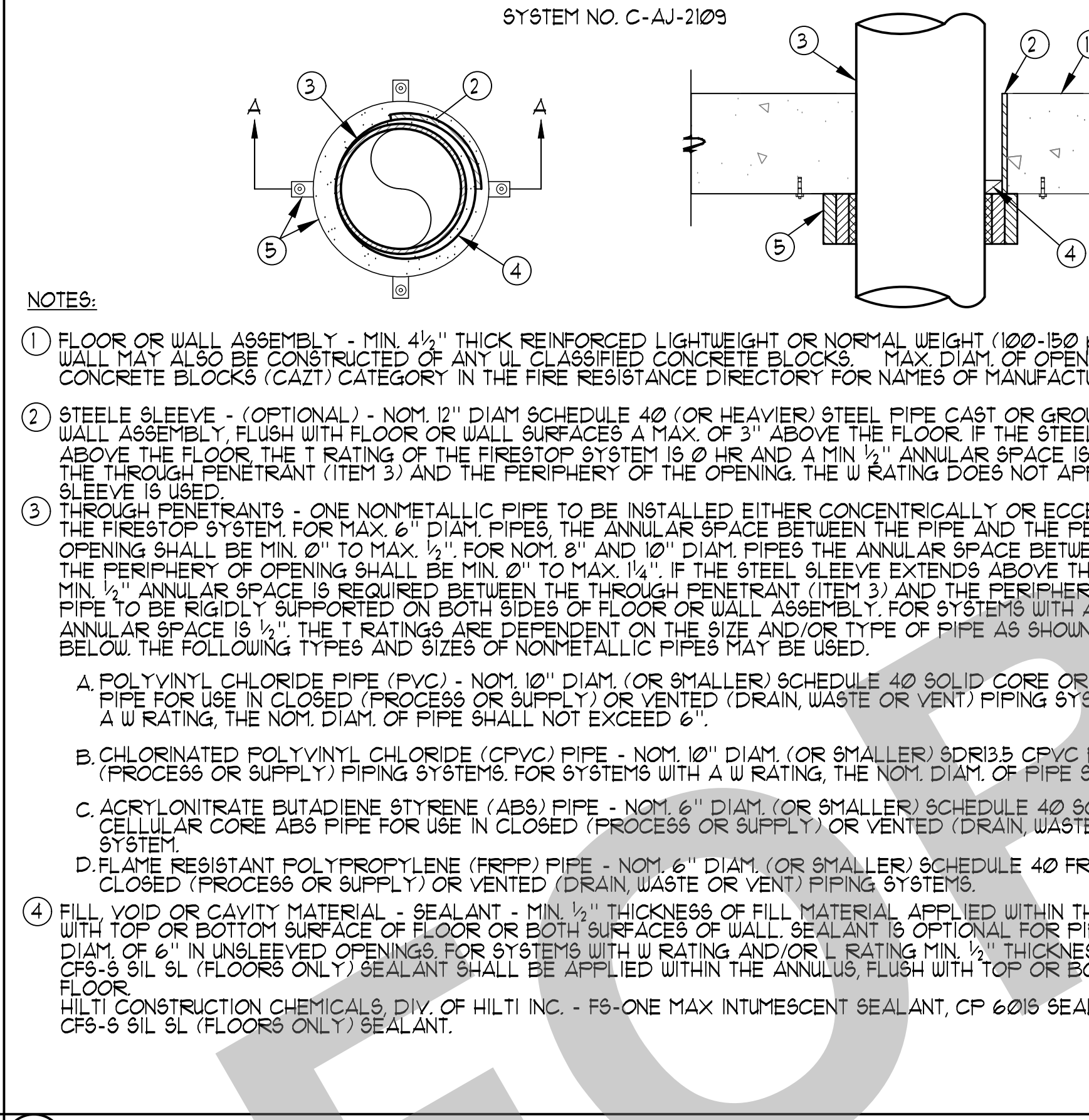
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1 PANELBOARD MOUNTING DETAIL NO SCALE



2 PRESSURE/VACUUM GAUGE 1" = 1'-0"



3 PIPE PENETRATION THRU 1-HR OR 2-HR WALL DETAIL NO SCALE

PVC PIPE	NOM. PIPE DIAM. IN.	F RATING HR.
PVC, CPVC	GREATER THAN 6	2
PVC, CPVC, ABS, FRPP	6 OR SMALLER	3
PVC PIPE	NOM. PIPE DIAM. IN.	T RATING HR.
PVC, CPVC, ABS, FRPP	1/2, 2, 3	2
PVC, CPVC, ABS, FRPP	4	3
PVC, CPVC, ABS, FRPP	6	3
PVC, CPVC	GREATER THAN 6	0
ABS **	6	0

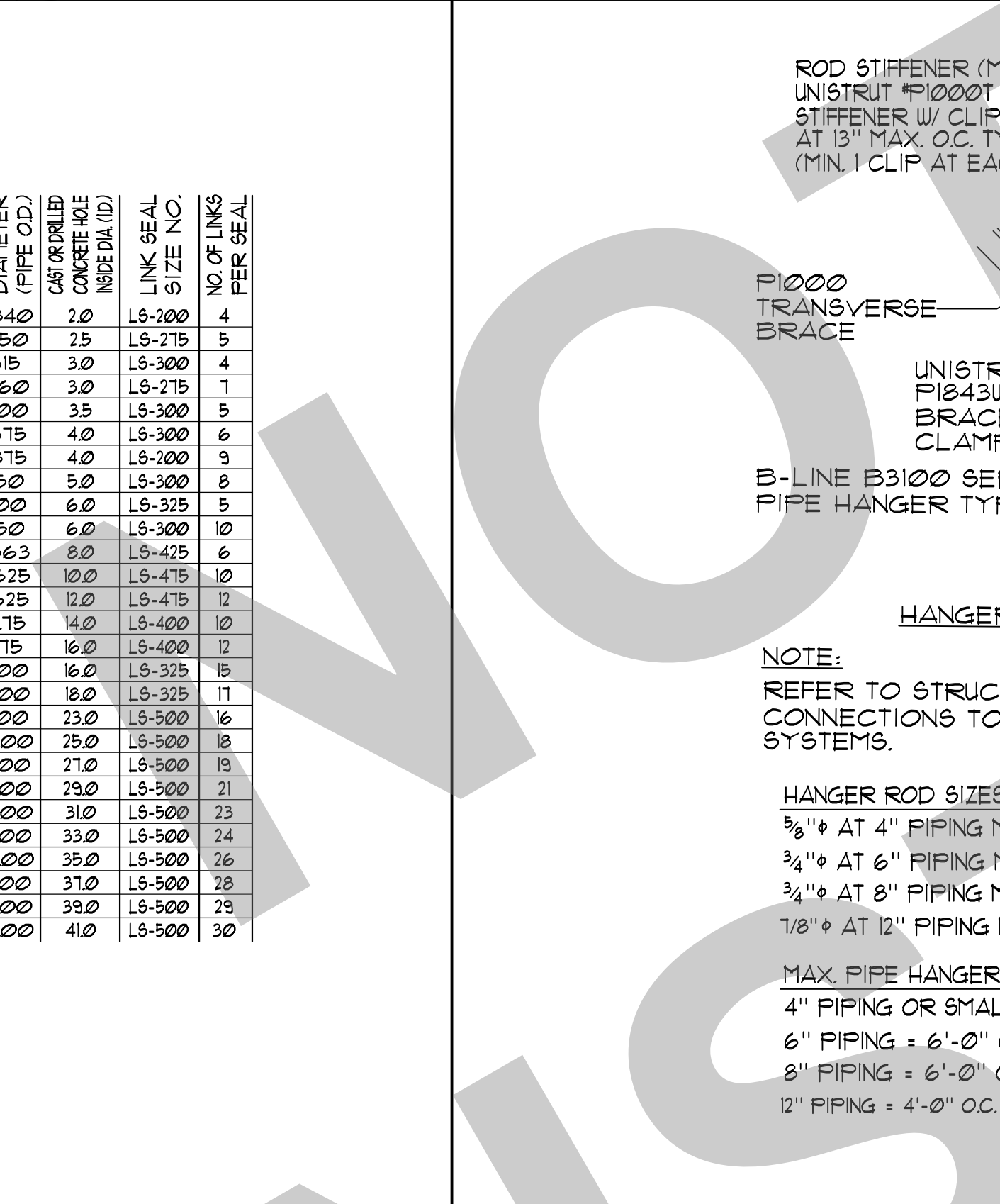
* INDICATES SOLID CORE ABS ONLY
** INDICATES CELLULAR CORE ABS ONLY

4 PACKING MATERIAL - (NOT SHOWN) - MIN. 1/2" THICKNESS OF 4 PCF MINERAL WOOL BATT INSULATION FIRMLY PACKED INTO ANNULAR SPACE AND RECESSED FROM THE TOP SURFACE OF FLOOR TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL. REQUIRED ONLY WHEN CP 604 SEALANT IS USED.

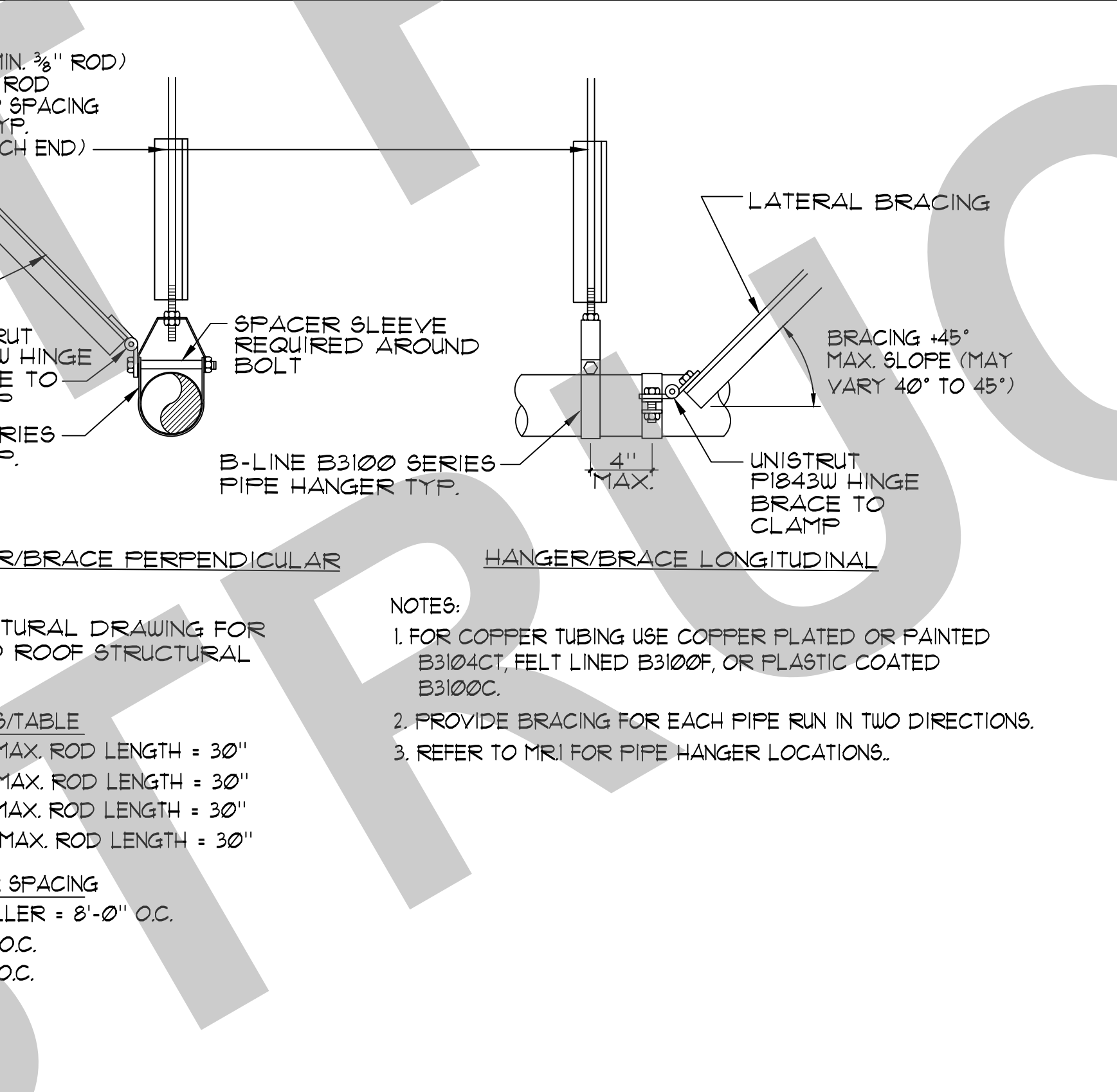
5 FIRESTOP DEVICE - FIRESTOP COLLAR - FIRESTOP COLLAR SHALL BE INSTALLED IN ACCORDANCE WITH THE ACCOMPANYING INSTRUCTIONS. COLLAR TO BE INSTALLED AND LATCHED AROUND THE PIPE AND SECURED TO UNDERSIDE OF FLOOR OR BOTH SIDES OF WALL USING THE ANCHOR HOOKS PROVIDED WITH THE COLLAR. MINIMUM TWO ANCHOR HOOKS FOR NOM. 1/2" AND 3/4" DIAM. PIPES. MINIMUM THREE ANCHOR HOOKS REQUIRED FOR NOM. 1" AND 1 1/4" DIAM. PIPES. MINIMUM FOUR ANCHOR HOOKS REQUIRED FOR NOM. 2" DIAM. PIPES. MINIMUM FIVE ANCHOR HOOKS REQUIRED FOR NOM. 3" DIAM. PIPES. MINIMUM SIX ANCHOR HOOKS REQUIRED FOR NOM. 4" DIAM. PIPES. MINIMUM SEVEN ANCHOR HOOKS REQUIRED FOR NOM. 6" DIAM. PIPES. THE ANCHOR HOOKS ARE TO BE SECURED WITH MIN. 1/4" DIAM. BY 1/4" LONG Kwik-Bolt 3 STEEL EXPANSION ANCHOR OR HILTI 1/2" X 1/4" 178 S/S FOLD-ON ACTUATED FLOOR FIN ANCHOR. INTEGRAL NO. 9/16" DIAM. WASHER W/ 1/4" LONG FOLDER ACTUATED FASTENERS UTILIZING A 1/16" DIAM. BY 1/4" LONG Kwik-Con II 2 CONCRETE SCREW. HILTI 1/2" DIAM. BY 1/4" LONG Kwik-Bolt 3 STEEL EXPANSION ANCHOR OR HILTI 1/2" X 1/4" 178 S/S FOLD-ON ACTUATED FLOOR FIN ANCHOR. INTEGRAL NO. 9/16" DIAM. WASHER W/ 1/4" LONG FOLDER ACTUATED FASTENERS UTILIZING A 1/16" DIAM. BY 1/4" LONG Kwik-Con II 2 CONCRETE SCREW. HILTI CONSTRUCTION CHEMICALS, DIV. OF HILTI INC. - CP 643N 50/15", CP 643N 63/3", CP 643N 90/3", CP 643N 10/4", CP 643 160/6", CP 644-1200/9" OR US OR CP 644-250/10" US FIRESTOP COLLAR.

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL.

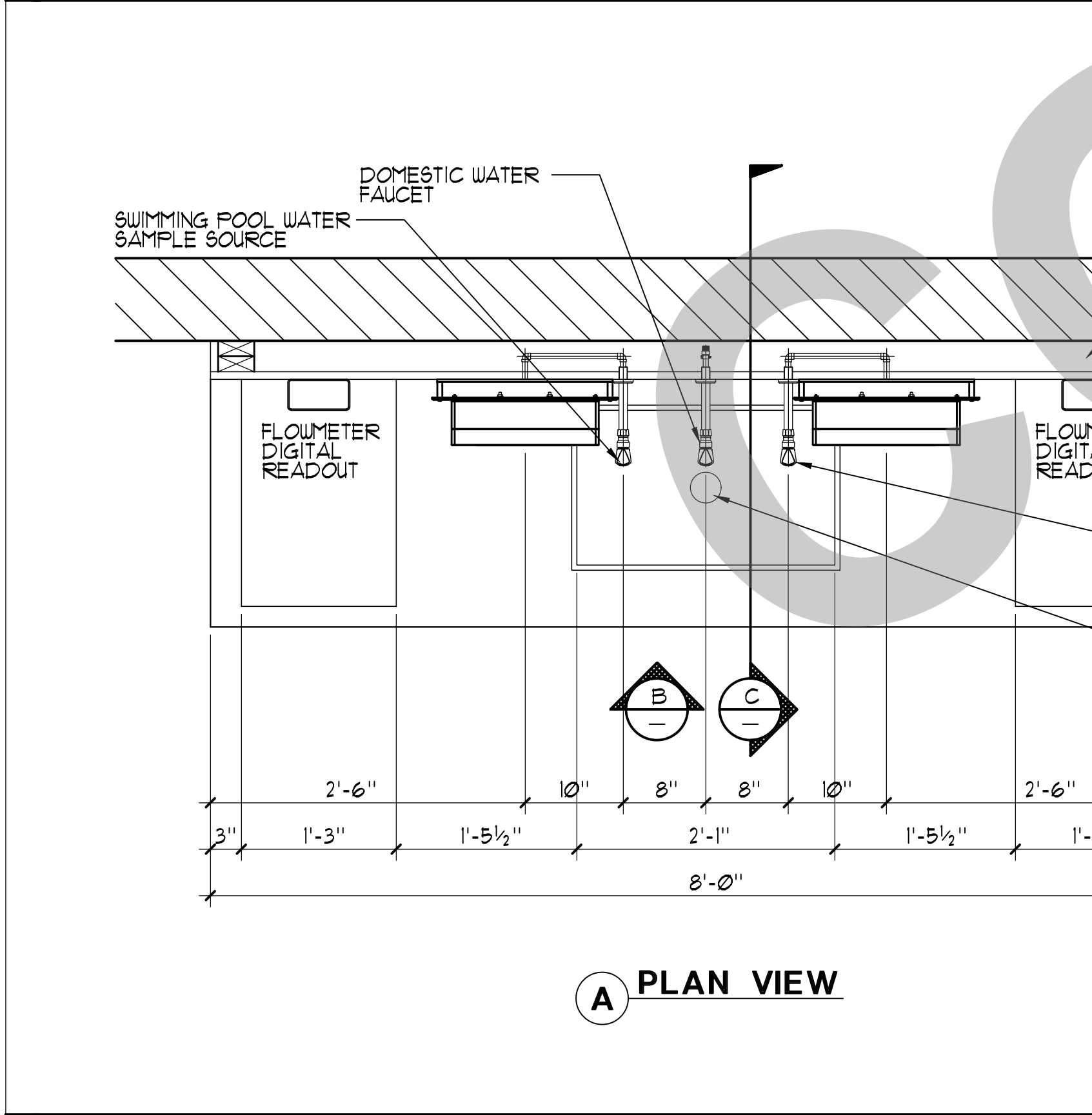
PIPE SIZE (NOMINAL)	OUTSIDE DIAMETER (PIPE OD)	CAR (OR BULK) CONCRETE SIZE (INCHES)	LINK SEAL NO.	NO. OF LINKS PER SEAL
1/2"	0.840	2.0	L5-100	4
3/4"	1.050	2.5	L5-175	5
1"	1.315	3.0	L5-300	4
1 1/4"	1.660	3.5	L5-275	7
1 1/2"	1.920	3.5	L5-300	5
2"	2.375	4.0	L5-300	6
2 1/2"	2.875	4.0	L5-100	3
3"	3.500	5.0	L5-300	8
3 1/2"	4.000	6.0	L5-325	5
4"	4.500	6.0	L5-300	10
5"	5.563	8.0	L5-475	6
6"	6.625	10.0	L5-475	10
8"	8.625	12.0	L5-475	10
10"	10.75	14.0	L5-400	10
12"	12.75	16.0	L5-400	12
14"	14.000	18.0	L5-325	15
16"	16.000	18.0	L5-325	17
18"	18.000	23.0	L5-500	16
20"	20.000	25.0	L5-500	21
22"	22.000	27.0	L5-500	18
24"	24.000	29.0	L5-500	21
26"	26.000	31.0	L5-500	23
28"	28.000	33.0	L5-500	24
30"	30.000	35.0	L5-500	26
32"	32.000	37.0	L5-500	28
34"	34.000	39.0	L5-500	29
36"	36.000	41.0	L5-500	30



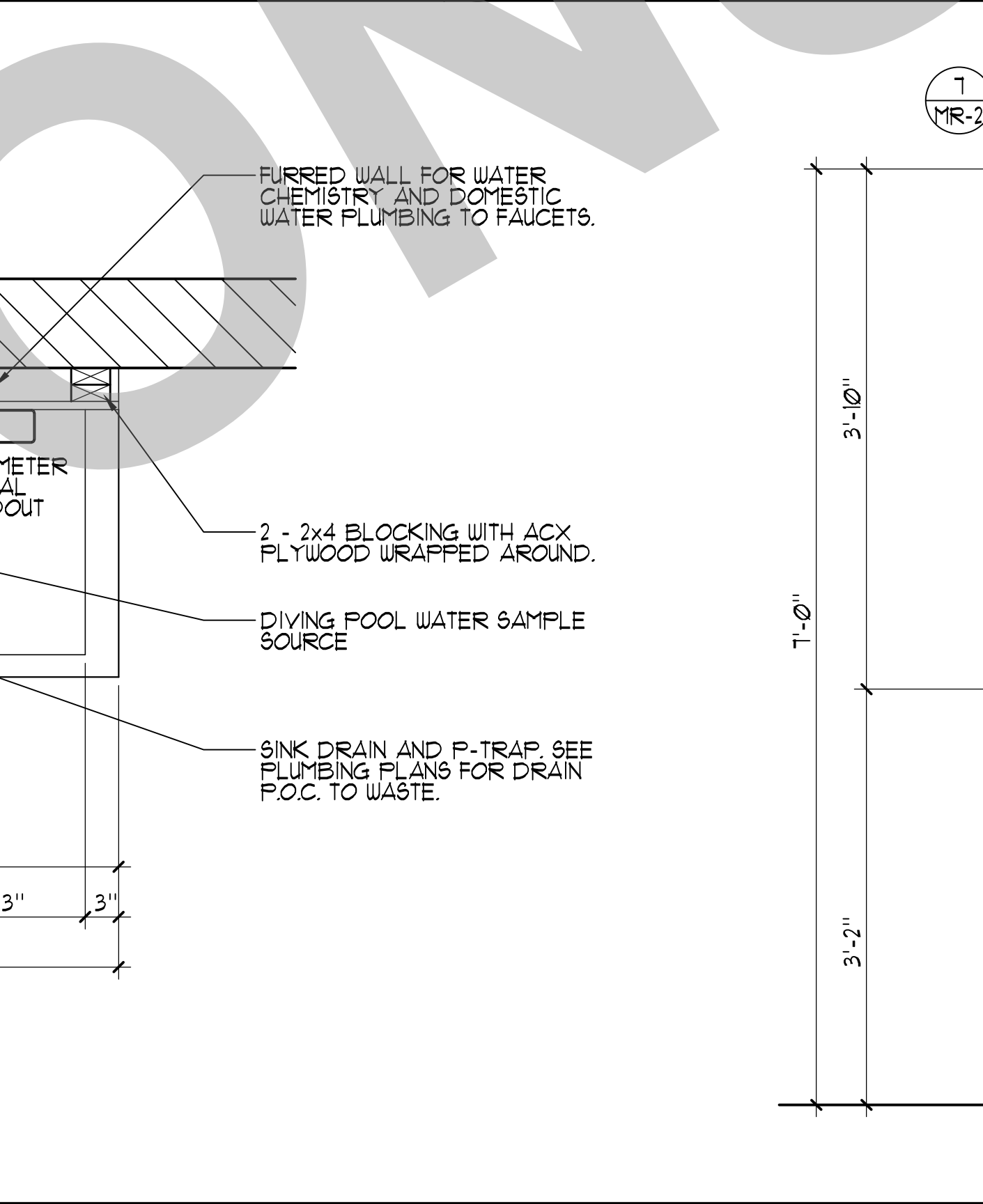
5 'UNISTRUT' PIPING HANGER / SUPPORT DETAILS NO SCALE



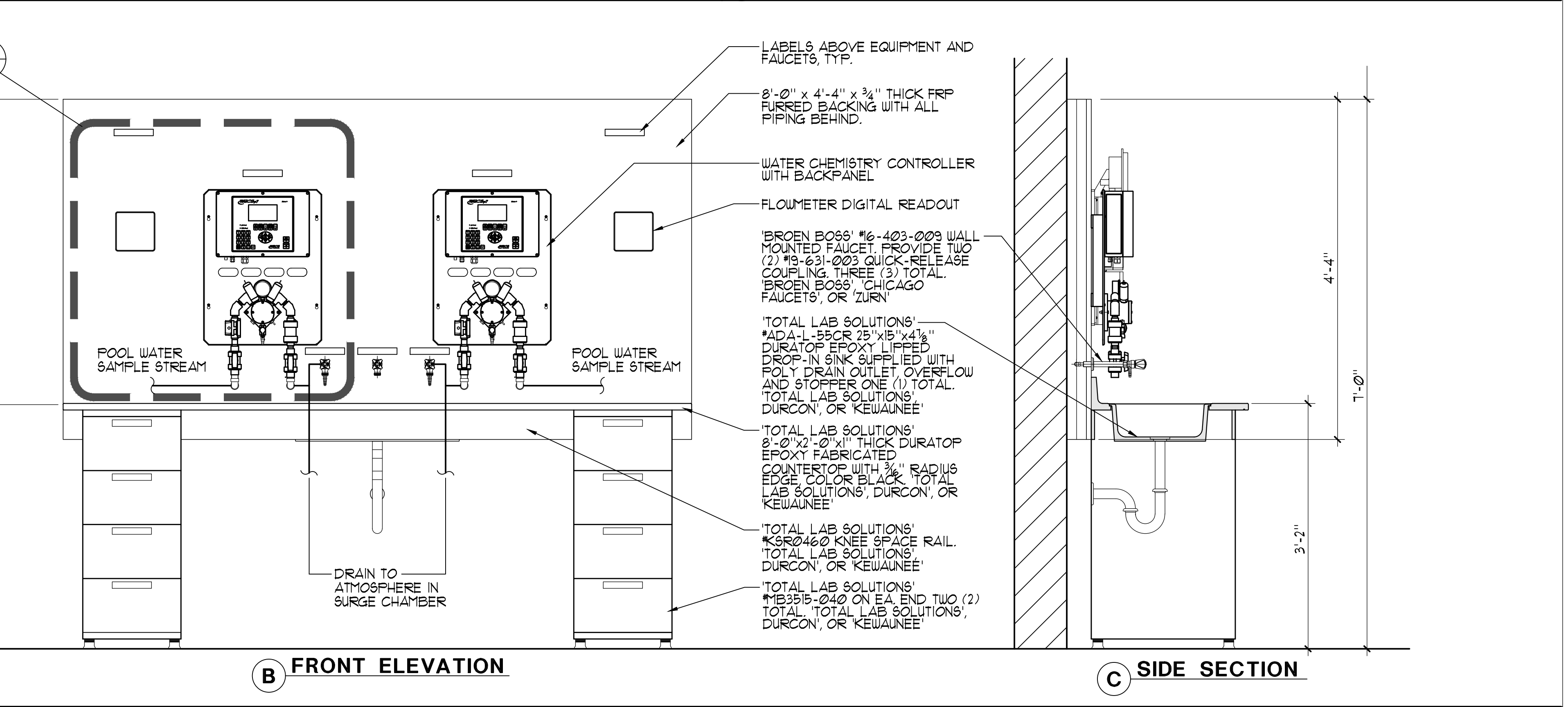
6 U.V. DISINFECTION UNIT INSTALLATION DETAIL NO SCALE



7 PLAN VIEW



8 FRONT ELEVATION



9 SIDE SECTION

POOL OPERATOR WORKSTATION DESK 1" = 1'-0"

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DRAWING STATUS:

DSA PLAN CHECK
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 CONSTRUCTION

KEY PLAN

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STOCKTON, CA 95202

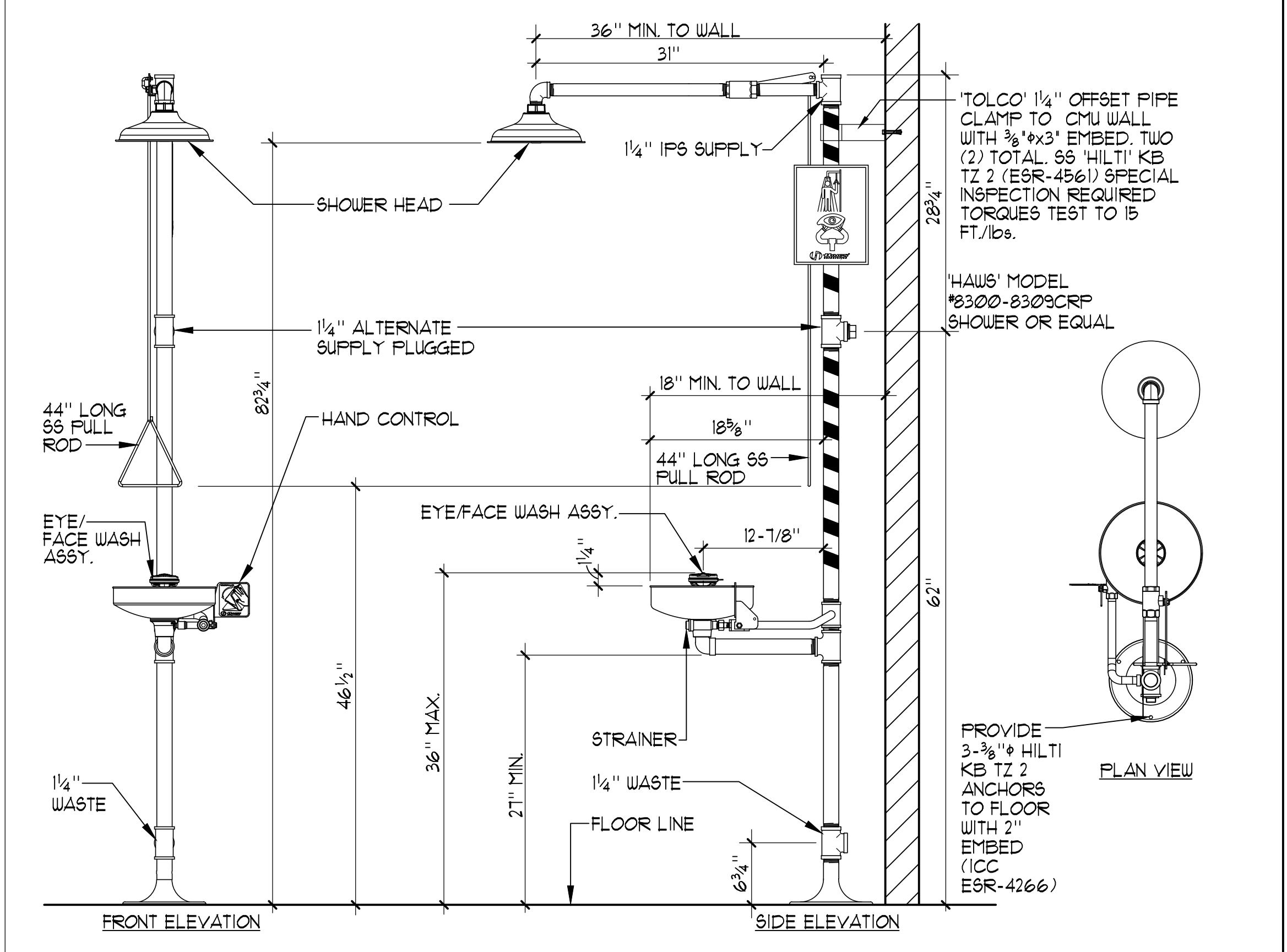
DESIGN DEVELOPMENT

VICTORY PARK POOL
CITY OF STOCKTON
1001 N PERSHING AVE
STOCKTON, CA 95203

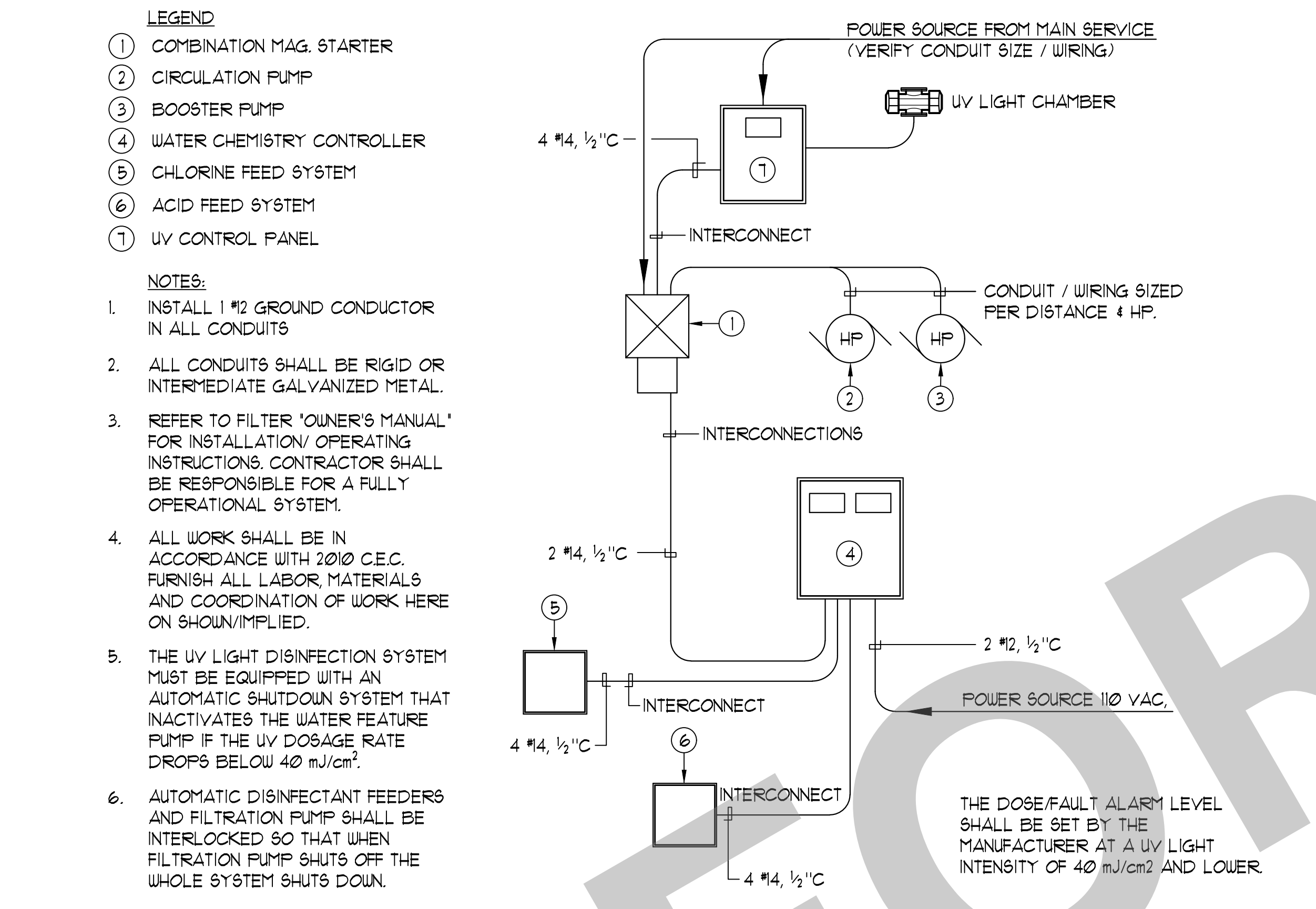
MECHANICAL ROOM DETAILS

Date: MM/DD/YYYY
Application Number: XX-XXXXXX
Drawing Number: MR-3

Project Number: 22009
Author: []
Checked: []



1 TYPICAL EYEWASH/SOWER DETAIL NO SCALE



2 ELECTRICAL INTERCONNECTION SINGLE LINE DIAGRAM NO SCALE



3 PANEL SCHEDULE

CHEMICAL CLASSIFICATION TABLE

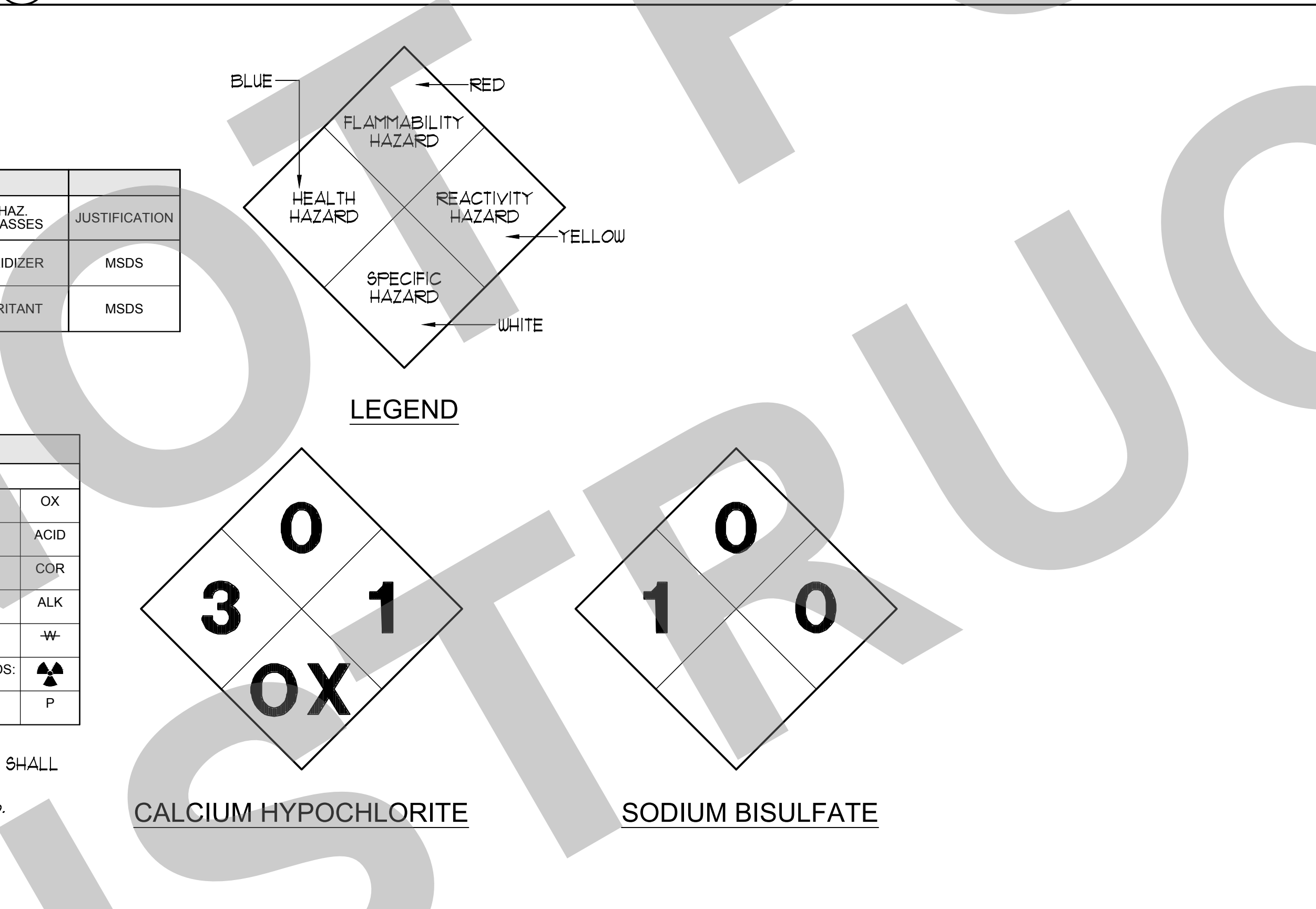
COMMON NAME	CHEMICAL NAME	% COMP.	CAS #	FORM	QUANT. STORED (NOT USED)	QUANT. IN USE (USE-CLOSED)	MAXIMUM ALLOWABLE QUANTITY	LOCATION (STORAGE & USE)	HAZ. CLASSES	JUSTIFICATION
CALCIUM HYPOCHLORITE	CALCIUM HYPOCHLORITE	65%	7778-54-3	TABLET	45 lbs.	150 lbs.	1,150 lbs.	CHEM. ROOM	OXIDIZER	MSDS
SODIUM BISULFATE	SODIUM BISULFATE	93%	7681-38-1	TABLET	45 lbs.	45 lbs.	NO LIMIT	CHEM. ROOM	IRRITANT	MSDS

QUANTITIES OF CHEMICALS DO NOT EXCEED THE QUANTITIES LISTED IN NBC TABLES 307.1 (1) AND 307.1 (2).

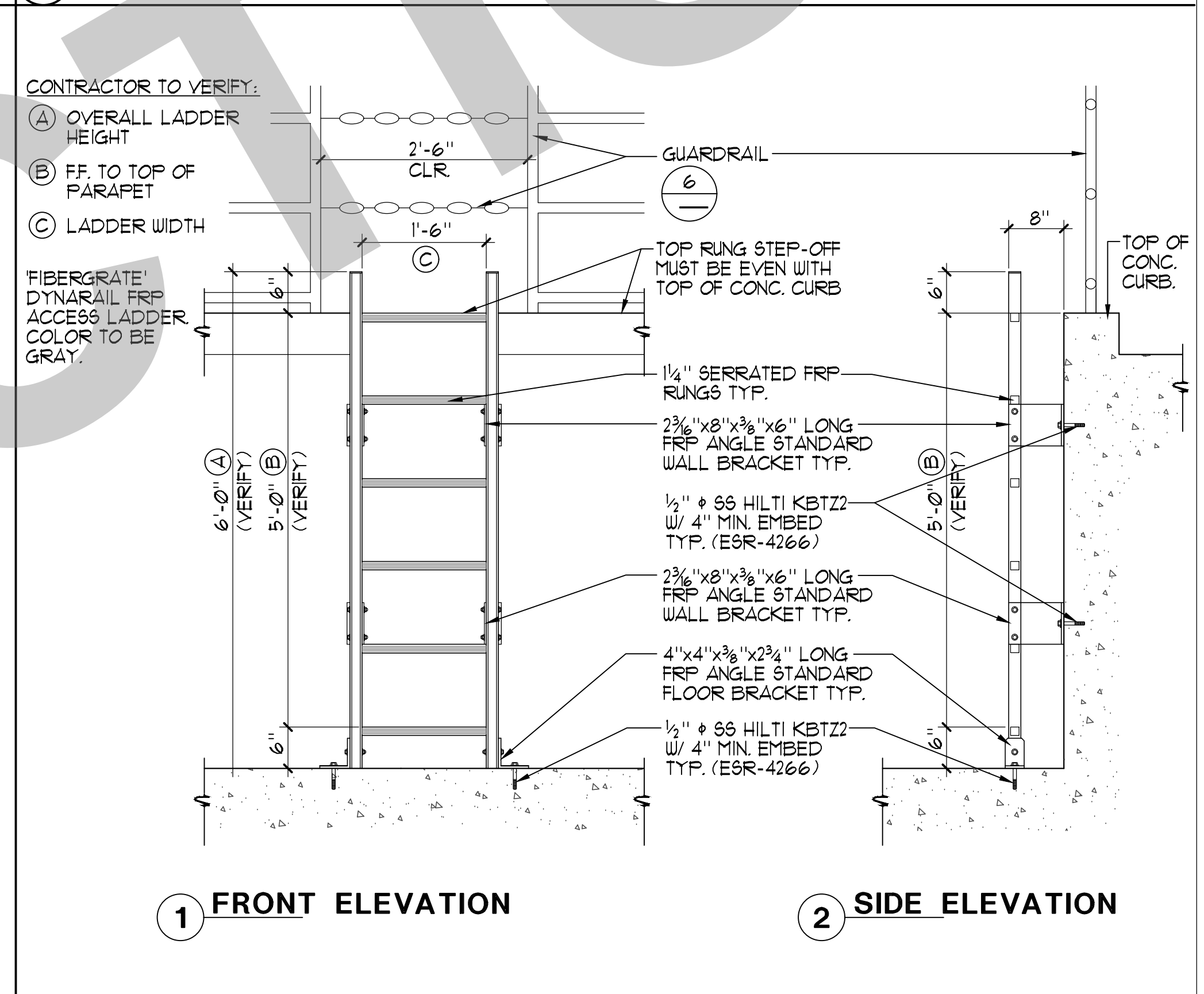
RATING EXPLANATION GUIDE

RATING	HEALTH HAZARD	FLAMMABILITY HAZARD	REACTIVITY HAZARD	SPECIFIC HAZARD
4	CAN BE LETHAL	EXTREMELY FLAMMABLE. IGNITES AT BELOW 73° F.	MAY EXPLODE AT NORMAL TEMPERATURES AND PRESSURES	OXIDIZER: OX ACID: ACID CORROSIVE: COR ALKALI: ALK USE NO WATER: W- RADIATION HAZARDS: R POLYMERIZES: P
3	CAN CAUSE SERIOUS OR PERMANENT INJURY	IGNITES AT ABOVE 73° F. BELOW 100° F.	MAY EXPLODE AT HIGH TEMPERATURES OR SHOCK	
2	CAN CAUSE TEMPORARY INCAPACITATION OR RESIDUAL INJURY	IGNITES AT ABOVE 100° F. BELOW 200° F.	VIOLENT CHEMICAL CHANGE AT HIGH TEMPERATURES OR PRESSURES	
1	CAN CAUSE SIGNIFICANT IRRITATION	IGNITES AT ABOVE 200° F.	NORMALLY STABLE. HIGH TEMPERATURES MAKE UNSTABLE	
0	NO HAZARD	WILL NOT BURN	STABLE	

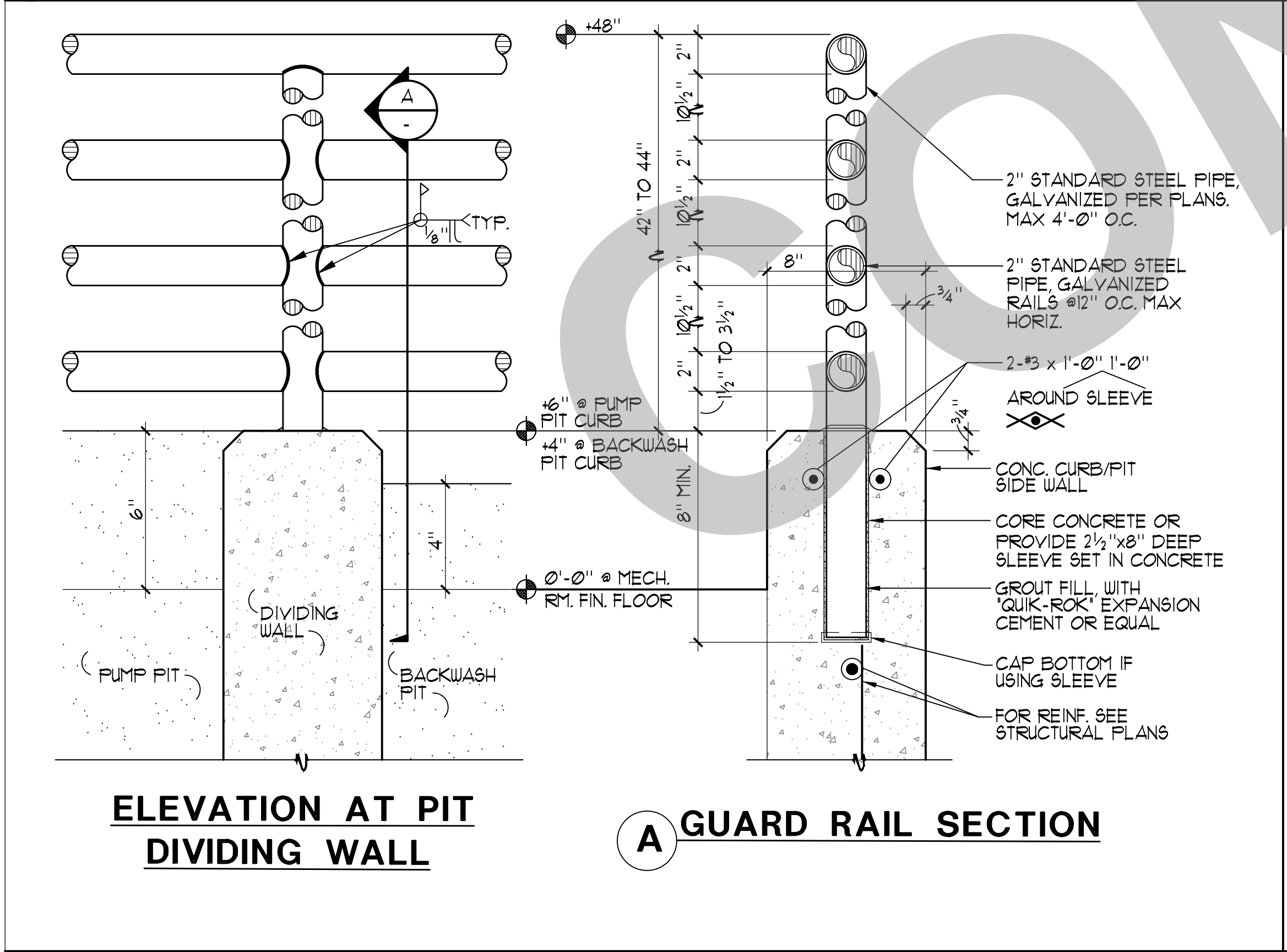
NOTES:
1. CONFIRM SIGNAGE WITH LOCAL FIRE MARSHALL AND/OR BUILDING CODES PRIOR TO INSTALLATION. SIGNS SHALL CONFORM TO NFPA 704.
2. SIGNS SHALL BE SIZES AND COLORS PER CODE MOUNTED AT 48" AFF. ON DOORS AT CHEMICAL ROOMS.



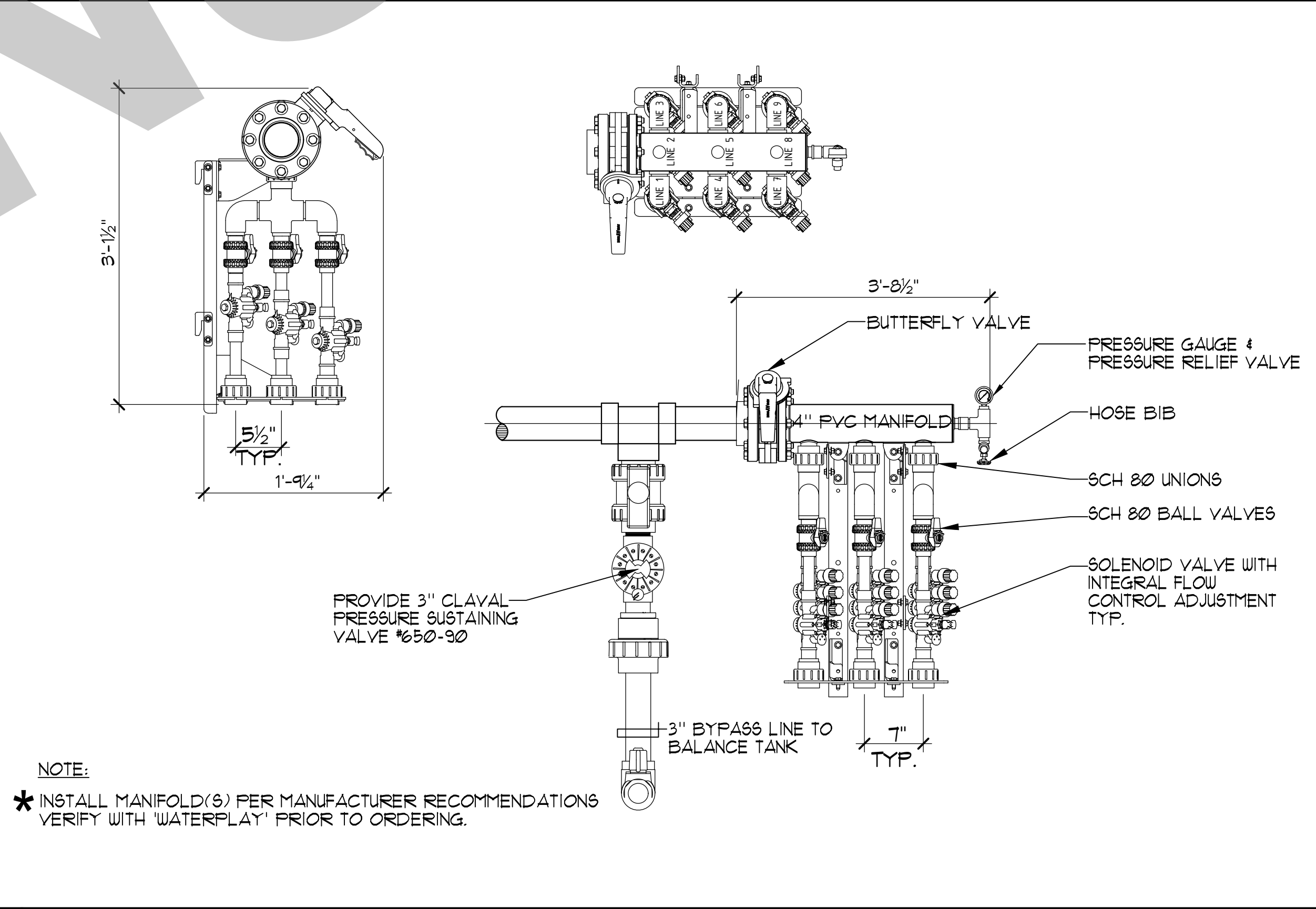
4 HAZARDOUS INFORMATION SIGNAGE NO SCALE



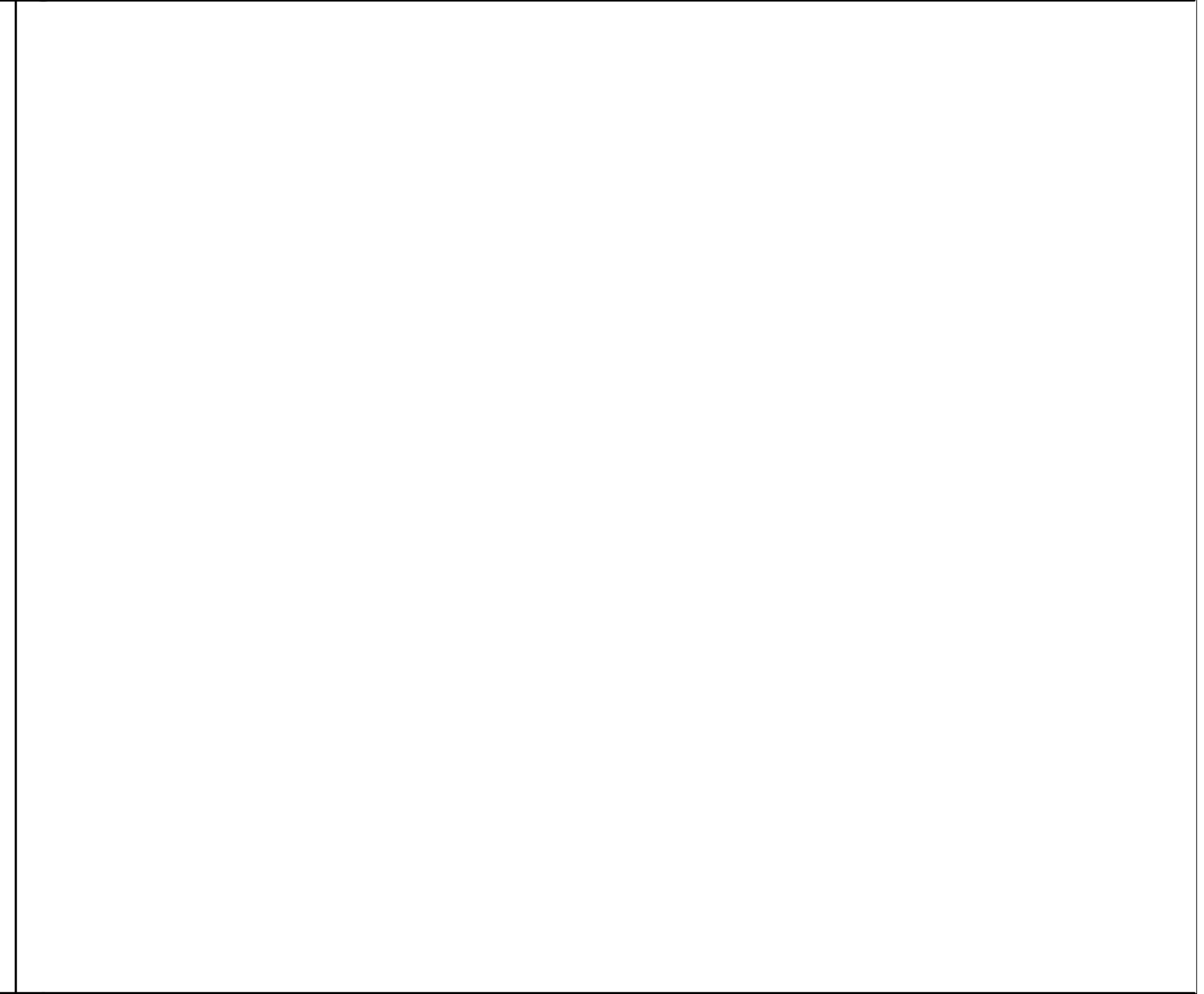
5 PUMP PIT ACCESS LADDER 3/4" = 1'-0"



6 PIT GUARD RAIL 3/4" = 1'-0"



7 FLOOR MOUNTED 9 VALVE MANIFOLD 1" = 1'-0"



8 KEY PLAN

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DSA BACK CHECK
BIDDING
CONSTRUCTION

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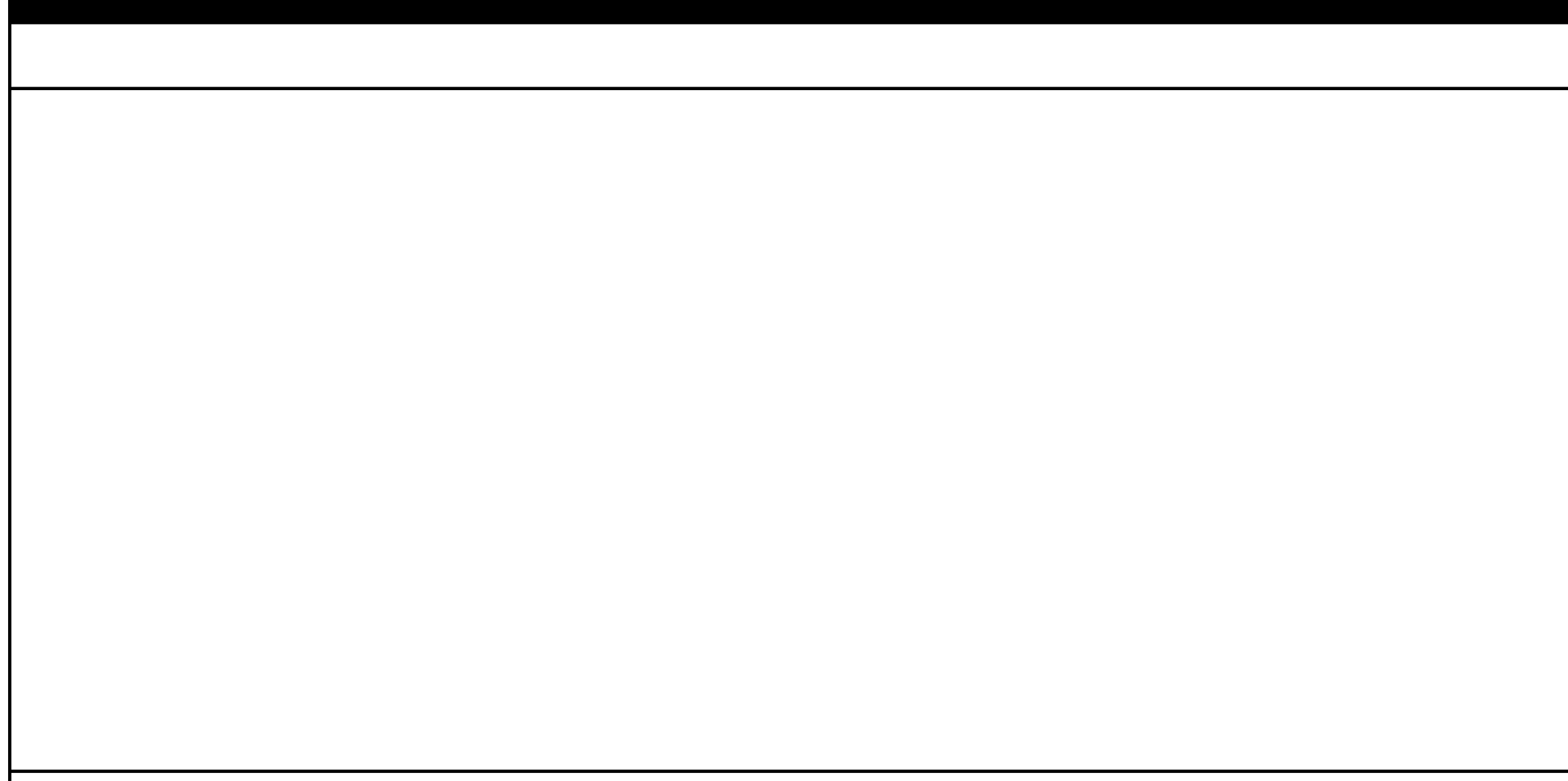
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STOCKTON, CA 95202

DESIGN DEVELOPMENT

VICTORY PARK POOL
CITY OF STOCKTON
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STOCKTON, CA 95203

MECHANICAL ROOM DETAILS

Date: MM/DD/YYYY
Application Number: XX-XXXXXX
Project Number: 22009
Drawing Number: MR-4
Drawn: Author
Checked: Checker



LEGEND

	(E) CONCRETE WALK PER CIVIL DWG		PROPERTY LINE
	CONCRETE WALK PER CIVIL DWG		LIMIT OF WORK
	INTERLOCKING PAVERS, SEE CIVIL DWG		LINE OF ROOF, SKYLIGHT, OR SOFFIT OVERHEAD - SHOWN DASHED
	ASPHALT PAVING, SEE CIVIL DWG		FIRE HYDRANT
	LANDSCAPING, SEE LANDSCAPE DRAWINGS		

GENERAL NOTES

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KEYNOTES

NUMBER	NOTE
03 407	A.C. PAVING (SEE CIVIL DWGS.)
03 411	PAVERS (SEE CIVIL DWGS.)
08 703	FIRE DEPARTMENT KNOX BOX (SEE DETAIL KNOX BOX)
32 901	PLANTING (SEE LANDSCAPE DWGS.)

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- #### DRAWING STATUS
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 CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
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CONSTRUCTION DOCUMENTS
AQUATIC FACILITIES
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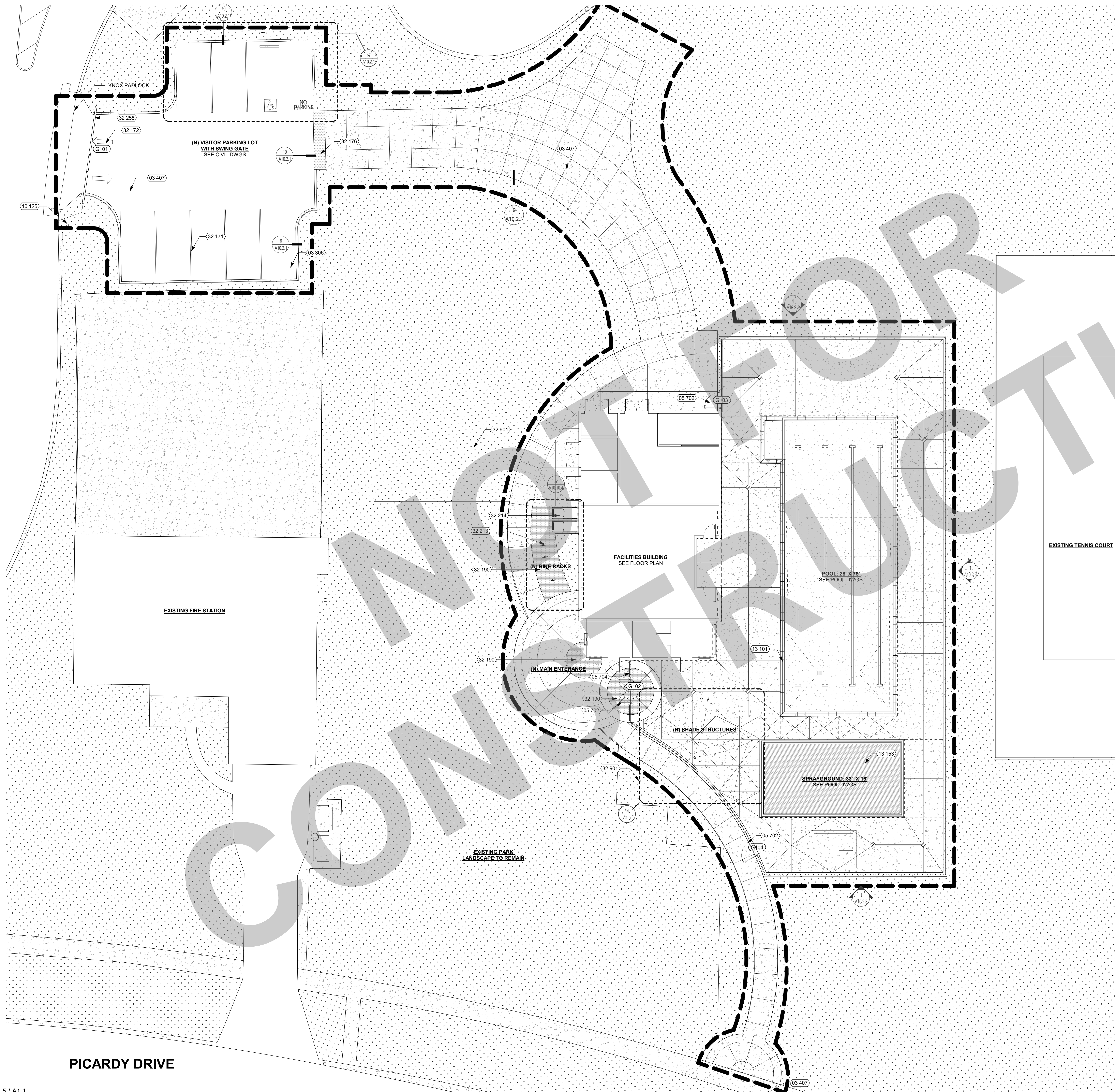
SITE PLAN OVERALL

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A1.1
Drawn Author	Checked Checker

PRINT DATE: 7/19/2023 10:42 PM
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REF: 8 / A5.1

ENLARGED SITE PLAN - SCORING PLAN - BIKE RACK 1" = 20'-0" 5



KEYNOTES

NUMBER	NOTE
03 306	CONCRETE CURB, 6" HIGH (SEE CIVIL DWGS.)
03 407	A.C. PAVING (SEE CIVIL DWGS.)
05 702	ORNAMENTAL GATE (SEE DETAIL 13/A10.2.3)
05 704	INSTALL BOX MODERN METAL PANEL (SEE DETAIL 17/A10.2.3)
08 703	FIRE DEPARTMENT KNOX BOX (SEE DETAIL KNOX BOX)
10 125	ACCESSIBLE ENTRANCE SIGNAGE (SEE CODE ANALYSIS PLAN)
13 101	POOL WITH STRIPING, CONCRETE DECK & FENCING (SEE POOL DWGS.)
13 153	SPRAYGROUND, SEE POOL DWGS
32 171	PARKING SPACE STRIPING (SEE CIVIL DWGS.)
32 172	DIRECTIONAL ARROWS (SEE CIVIL DWGS.)
32 176	ACCESSIBLE CURB RAMP WITH TRUNCATED DOMES
32 190	INTERLOCKING CONCRETE PAVERS, PVR REFER TO FLOOR MATERIAL LEGEND SHEET A9.3
32 213	BICYCLE RACKS (SEE DETAIL 7/A10.10.4)
32 214	BICYCLE LOCKER (SEE DETAIL 8/A10.10.4)
32 258	VEHICLE GATES (SEE CIVIL DRAWINGS)
32 901	PLANTING (SEE LANDSCAPE DWGS.)

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LEGEND

	8" CONCRETE OVER 6" CLASS II AGGREGATE BASE
	4" CONCRETE OVER 6" CLASS II AGGREGATE BASE
	4" COLORED STAMPED CONCRETE PAVING OVER 6" CLASS II AGGREGATE BASE
	4" COLORED CONCRETE PAVING OVER 6" CLASS II AGGREGATE BASE
	ASPHALT PAVING
	LANDSCAPING, SEE LANDSCAPE DRAWINGS

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NO.	REMARKS	DATE

REVISION HISTORY

NO.	REMARKS	DATE

DRAWING STATUS

PLAN CHECK
 BACK CHECK
 BIDDING
 CONSTRUCTION

KEY PLAN

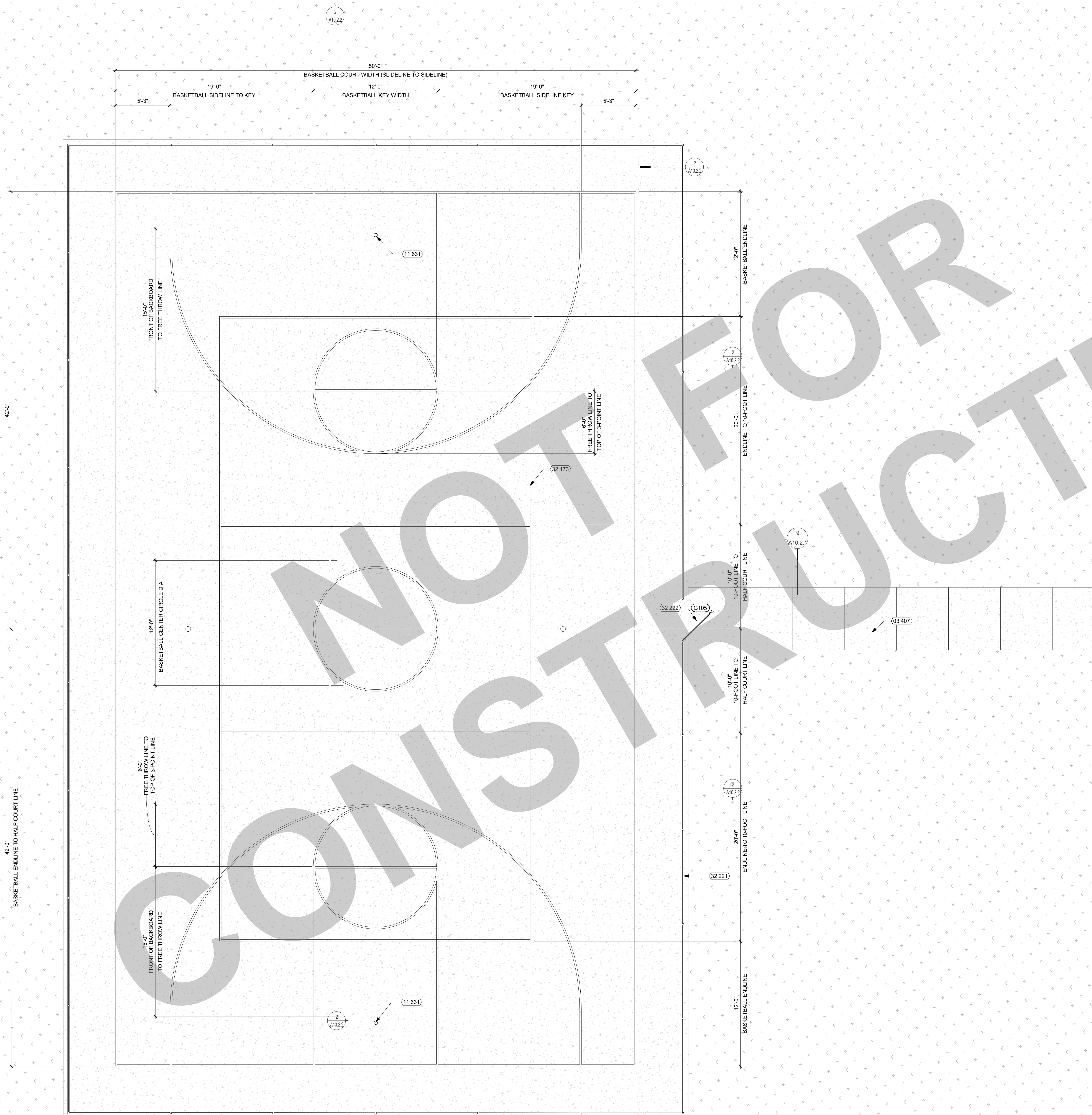
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STOCKTON, CA 95202

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ENLARGED SITE PLAN

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A1.2
Drawn Author	Checked Checker



KEYNOTES

NUMBER	NOTE
03 407	A.C. PAVING (SEE CIVIL DWGS.)
11 631	FIXED BASKETBALL BACKSTOPS (SEE DETAIL 11/A10.10.4)
32 173	PLAY COURT STRIPING
32 221	CHAIN LINK FENCE (SEE DETAIL 2/A10.2.3)
32 222	CHAIN LINK GATE (SEE DETAIL 3/A10.2.3)

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NO.	REMARKS	DATE

- REVISION HISTORY**
- DATE
- PLAN CHECK
 - BACK CHECK
 - BIDDING
 - CONSTRUCTION

KEY PLAN

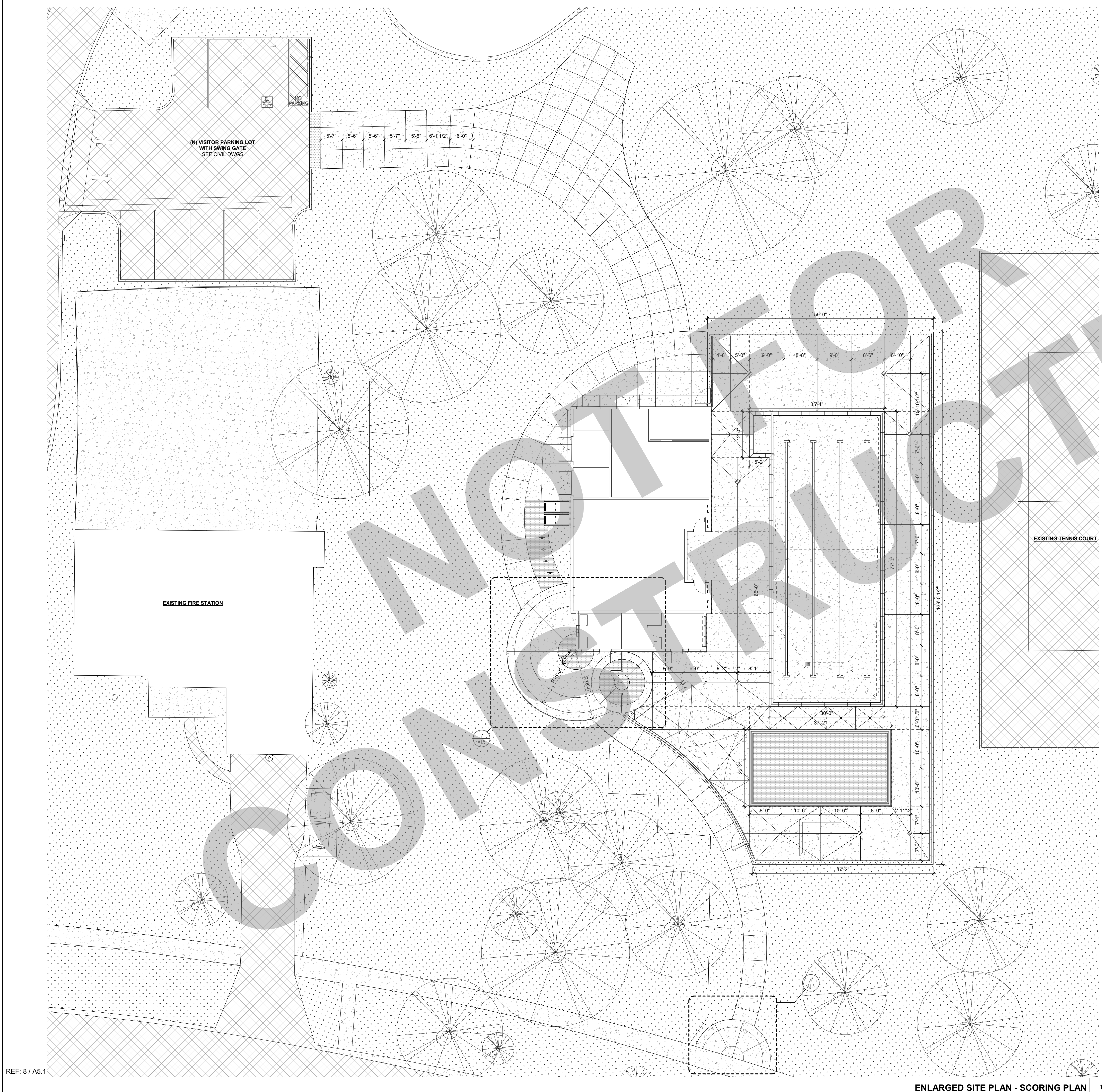
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 STOCKTON, CA 95202

CONSTRUCTION DOCUMENTS

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**ENLARGED SITE PLAN -
 BASKETBALL COURT**

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A1.3
Drawn Author	Checked Checker



KEYNOTES

NUMBER NOTE

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- 4" CONCRETE OVER 6" CLASS II AGGREGATE BASE
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- LANDSCAPING, SEE LANDSCAPE DRAWINGS

ENLARGED SITE PLAN - SCORING PLAN 1" = 10'-0" 1

REF: 8 / A5.1

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ENLARGED SITE
SCORING PLAN

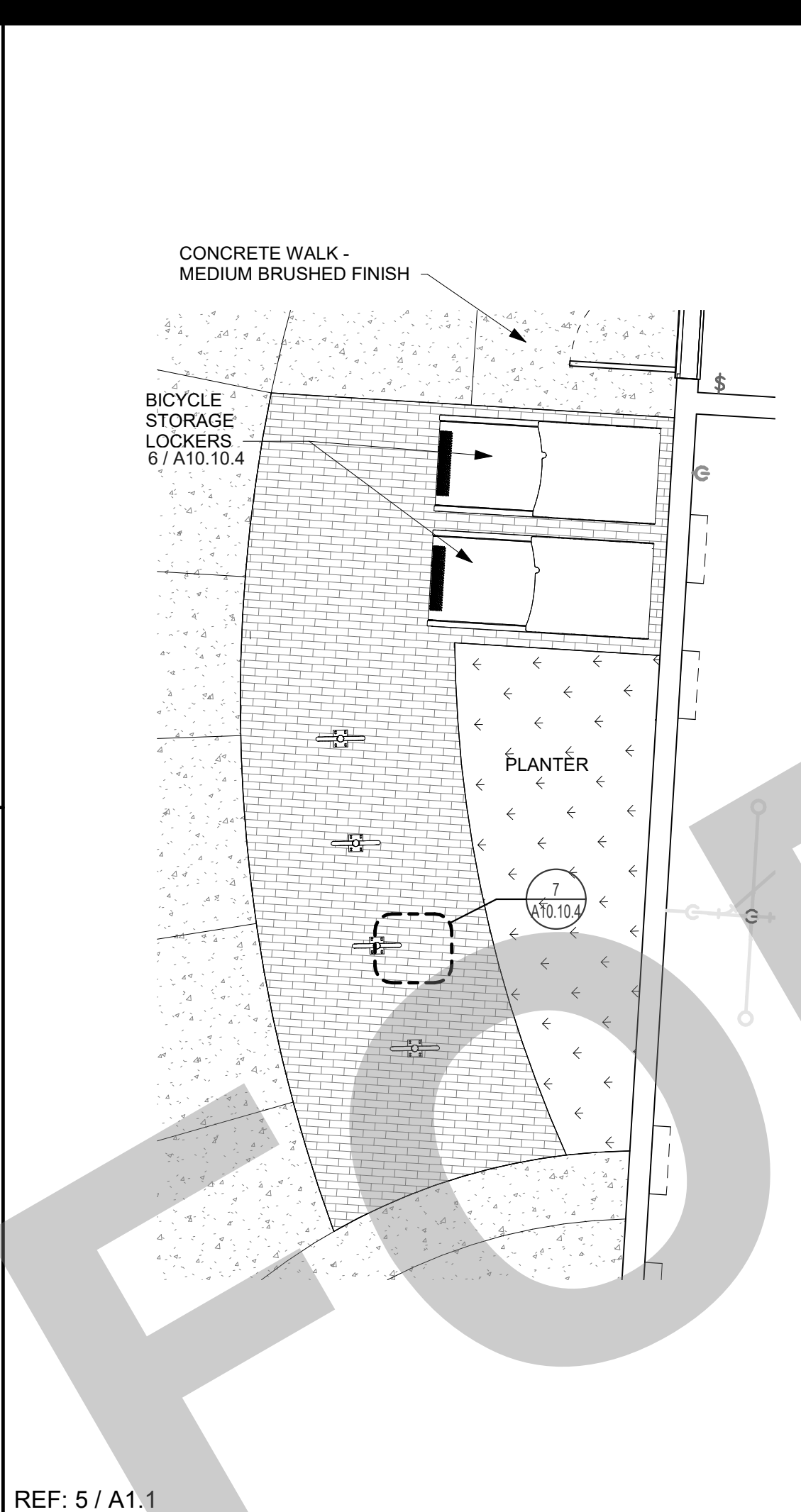
Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A1.4
Drawn KT	Checked Checker

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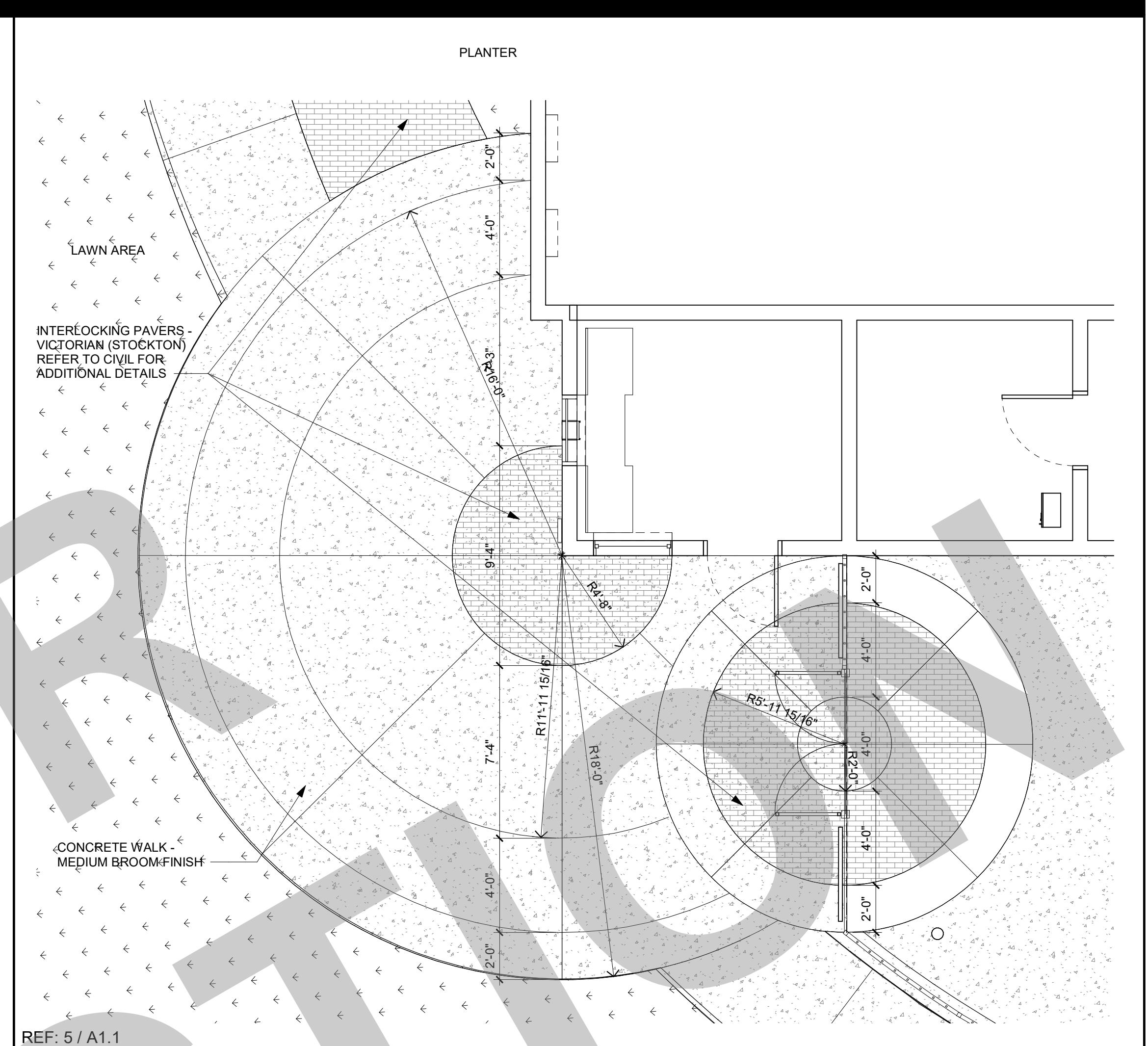
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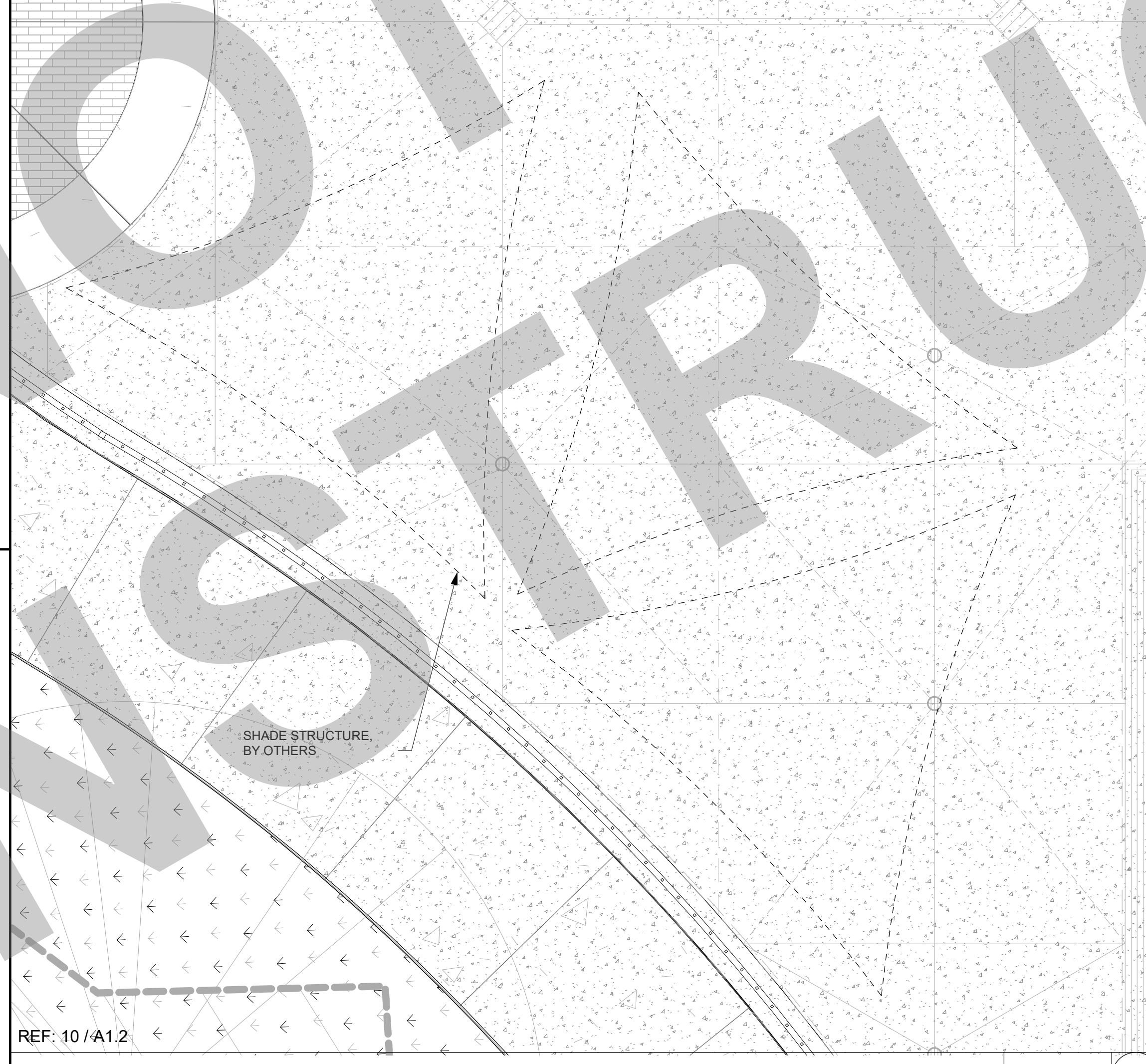
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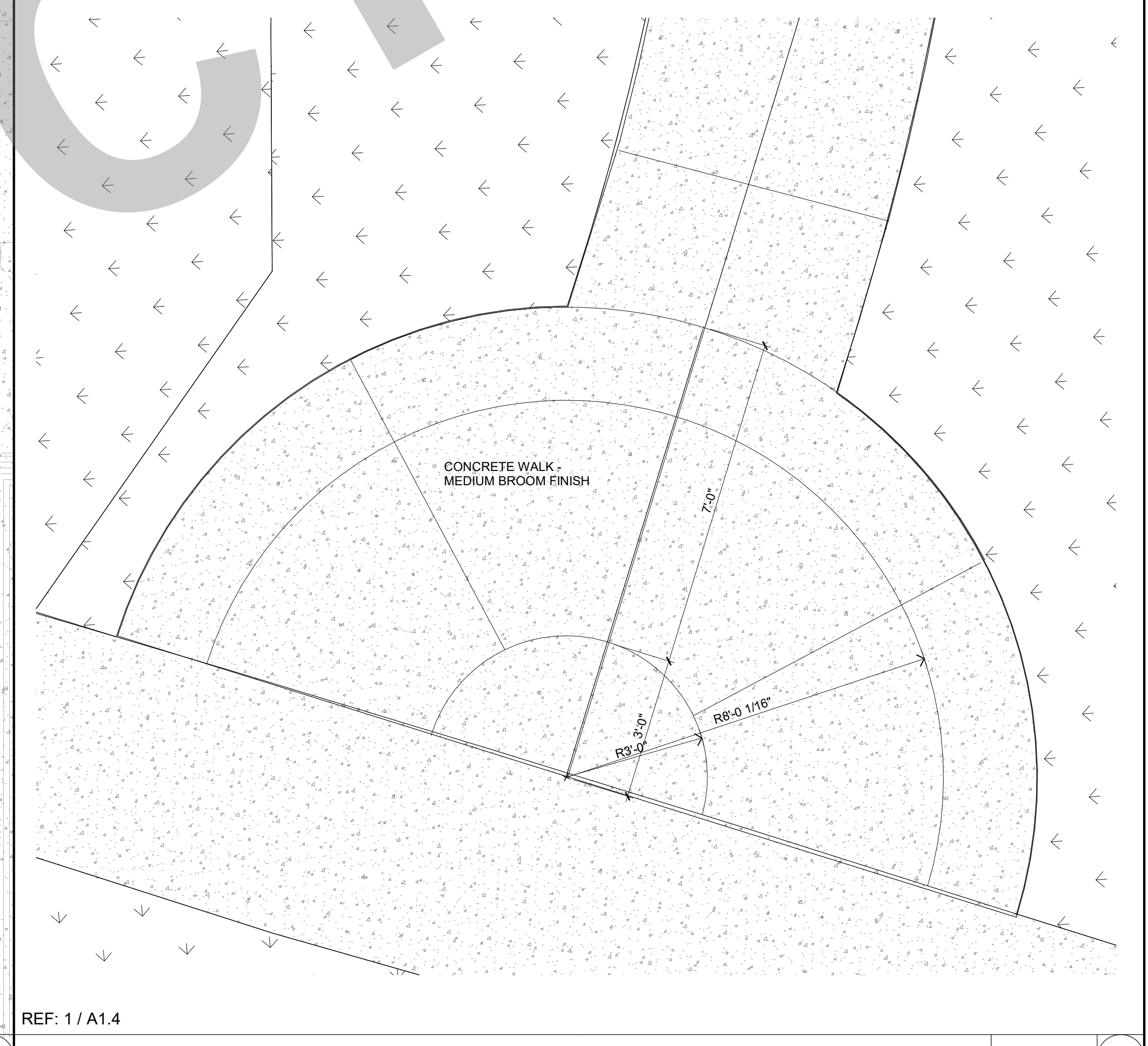
REF: 5 / A1.1
ENLARGED SITE PLAN - SCORING PLAN - BIKE RACK 1/4" = 1'-0" 12



REF: 5 / A1.1
ENLARGED SITE PLAN - SCORING PLAN - MAIN ENTRANCE 1/4" = 1'-0" 2



REF: 10 / A1.2
SHADE STRUCTURE 3/8" = 1'-0" 14



REF: 1 / A1.4
ENLARGED SITE PLAN - SCORING PLAN - Callout 1 1/2" = 1'-0" 4

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REVISION HISTORY

NO.	REMARKS	DATE

DRAWING STATUS

PLAN CHECK
 BACK CHECK
 BIDDING
 CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

CONSTRUCTION DOCUMENTS

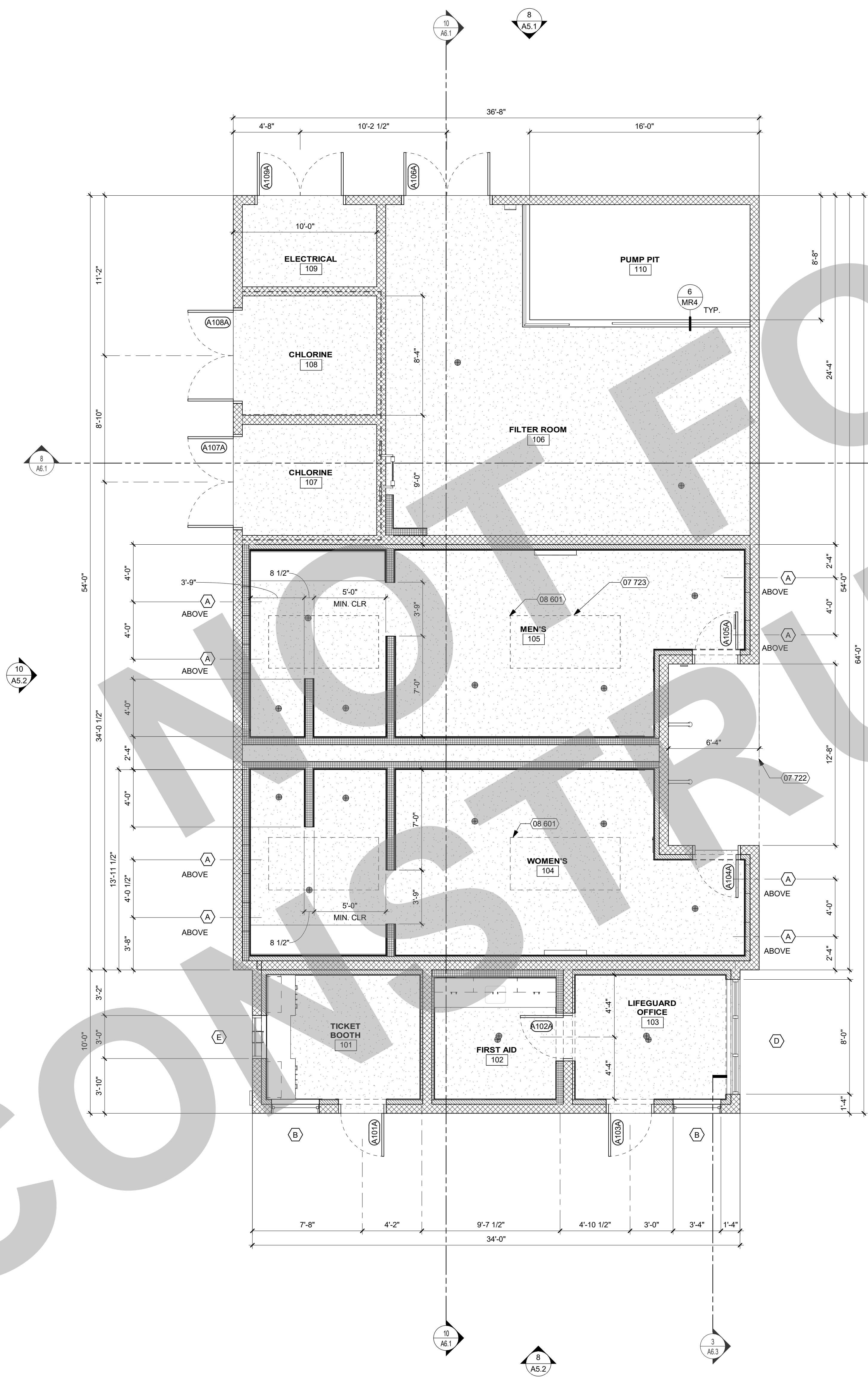
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ENLARGED SITE
SCORING PLANS

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A1.5
Drawn Author	Checked Checker

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REF: 8 / A5.1



KEYNOTES

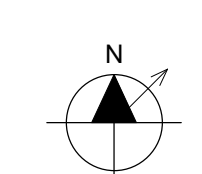
NUMBER	NOTE
07 722	LINE OF SOFFIT ABOVE
07 723	LINE OF SKYLIGHT ABOVE
08 601	SKYLIGHT

GENERAL NOTES

- GENERAL**
- FOR PLUMBING FIXTURES, FLOOR DRAINS, CASEWORK, AND OTHER EQUIPMENT - REFER TO EQUIPMENT PLAN.
 - FOR ALL REQUIRED SIGNAGE INCLUDING ROOM NAME AND NUMBER THROUGHOUT - REFER TO CODE ANALYSIS PLAN.
 - ALL WALLS SHALL HAVE R-19 BATT INSULATION, FULL HEIGHT AND SOUND INSULATION TO BE INSTALLED AT INTERIOR WALLS.
 - PAINT ALL INTERIOR WALLS. REFER TO ROOM FINISH SCHEDULE FOR INTERIOR WALL FINISHES.
 - DOORS SHALL BE INSTALLED 4" FROM JAMB UNLESS OTHERWISE NOTED.
 - FOR ADDITIONAL REQUIRED DOOR CLEARANCES, SEE DETAIL 1 / A10.8 ALL FIRE WALLS THAT HAVE A CONCEALED FLOOR-CEILING ATTIC SPACE SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING READING "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS" IN THE CONCEALED SPACE. THE IDENTIFICATION SHALL BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AT INTERVALS NOT EXCEEDING 30 FEET HORIZONTALLY. THE LETTERING SHALL NOT BE LESS THAN 3" TALL AND HAVE A MINIMUM STROKE OF 3/8".
 - GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT.
 - EXTERIOR ENTRANCE THRESHOLD TO MEET AMERICANS WITH DISABILITY ACT (ADA) MAXIMUM HEIGHT OF 1/2" (10MM), RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS TO BE BEVELED WITH A SLOPE NO GREATER THAN 1:12.
 - VERIFY ALL DOORS, HARDWARE AND FRAMES MEET 2022 C.B.C AND/OR LOCAL CODE REQUIREMENTS.
 - GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING, OR EQUIVALENT TO SUPPORT ANY WALL ATTACHMENT AND/OR SIGNAGE, WHERE RATED WALLS ARE NOTED.
 - ALL DOORS TO PROVIDE 32" (800MM) MINIMUM CLEAR OPENING WHEN OPENED TO 90 DEGREE POSITION UNLESS OTHERWISE NOTED.
 - EACH HAND WASHING SINK WILL HAVE A SOAP DISPENSER, AND ALL HAND SINKS TO HAVE A COMBINATION FAUCET OR PREMIXING FAUCET.
 - FOR PLUMBING FIXTURES, REFER TO THE PLUMBING PLAN. FOR DATA DEVICE SCHEDULE, REFER TO THE ELECTRICAL PLAN.
 - REFER TO ELECTRICAL DETAIL SHEETS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL DEVICES. FIELD VERIFY LOCATIONS OF ALL DATA, ELECTRICAL, AND ASSOCIATED ITEMS PRIOR TO INSTALLATION.
- STRUCTURE**
- DIMENSIONS OF WALLS ARE FROM FACE OF STUD UNLESS OTHERWISE NOTED.
 - REFER TO STRUCTURAL DRAWINGS FOR HEADER SCHEDULE AND FRAMING DETAILS FOR OPENINGS IN INTERIOR AND EXTERIOR WALLS.
 - SEE STRUCTURAL DRAWINGS FOR FRAMING SIZE AND SPACING.
 - SEE STRUCTURAL DRAWINGS FOR COLUMN LOCATIONS AND SIZING.
 - ALL FLOOR TO SLOPE TO FLOOR DRAINS MAX. 2% SLOPE.

LEGEND

- A101A DOOR NUMBER, SEE DOOR SCHEDULE
- A WINDOW, STOREFRONT, OR CURTAINWALL
SEE WINDOW SCHEDULE
- LINE OF ROOF, SKYLIGHT, OR SOFFIT
OVERHEAD - SHOWN DASHED
- ===== EXTERIOR CMU WALL WITH 2 X 4 FURRED WALL, SEE
DETAILS 9 / A6.3 AND 14 / A6.3
- EXTERIOR CMU WALL, SEE DETAILS 19 / A6.3 AND 24 / A6.3
- ===== INTERIOR 6" FURRED WALL, SEE DETAIL 4 / A6.3
- INTERIOR 4" FLAT FURRED WALL, SEE DETAIL 5 / A6.3
- ===== INTERIOR 1-HOUR RATED WALL, SEE DETAIL 30 / A6.3
- FLOOR DRAIN, REFER TO SHEET P21 FOR DETAILS. ALL
FLOORS TO SLOPE TO DRAIN, MAX 2%



FLOOR PLAN 1/4" = 1'-0" 1

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REVISION HISTORY

NO.	REMARKS	DATE

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KEY PLAN

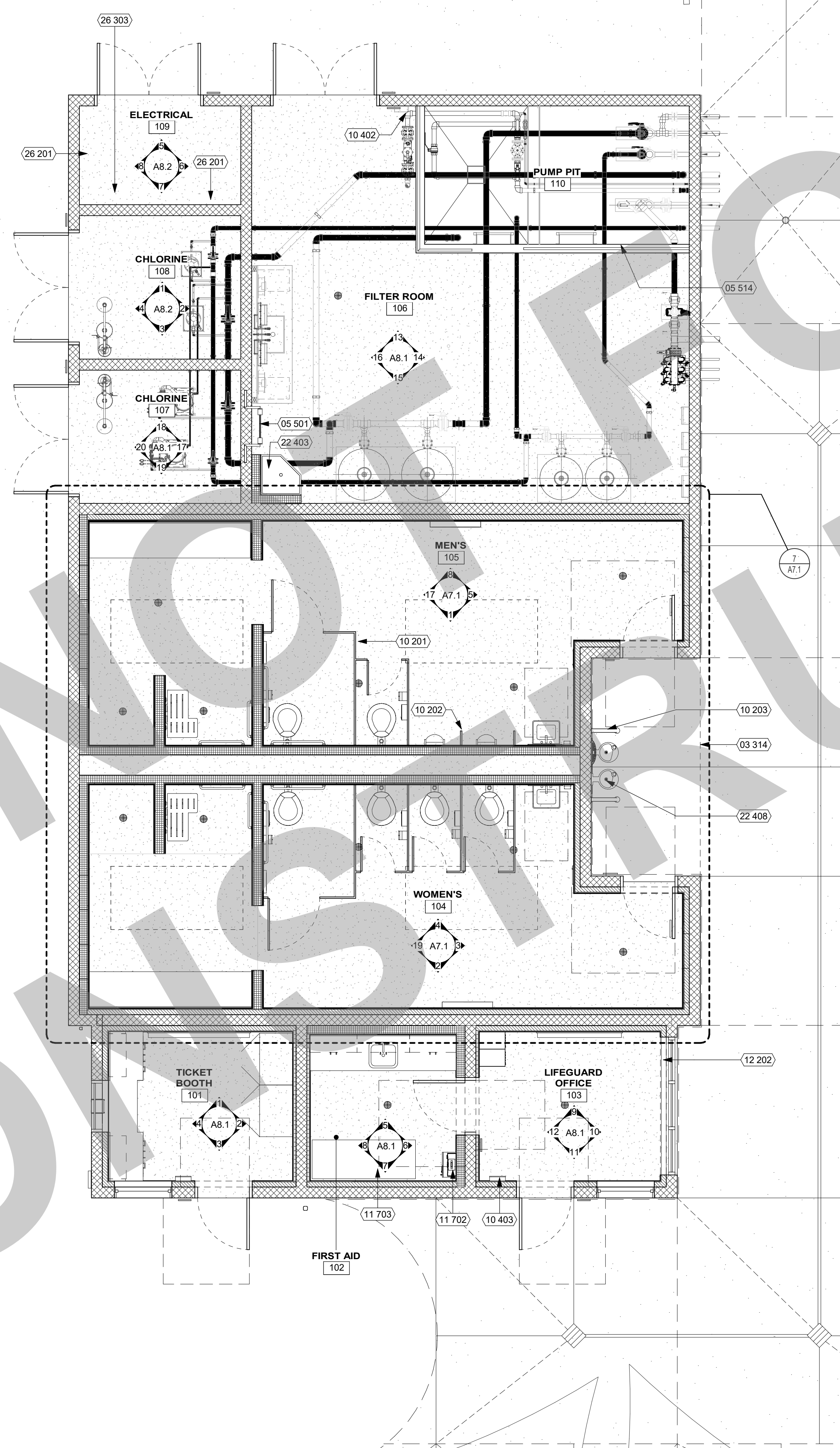
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CONSTRUCTION DOCUMENTS

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FLOOR PLAN

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A2.1
Drawn KT	Checked DH



KEYNOTES

NUMBER	NOTE
03 314	EDGE OF STRUCTURAL SLAB (SEE STRUCTURAL SHEET S2.1)
05 501	ROOF ACCESS LADDER (SEE DETAIL 2/A10.7.1)
05 514	METAL GUARDRAIL (SEE DETAIL 6/MR4)
10 201	TOILET PARTITION (SEE DETAIL 16/A10.10.2)
10 202	URINAL SCREEN (SEE DETAIL 17/A10.10.2)
10 203	GRAB BAR (SEE DETAIL 11/A10.10.2)
10 402	FIRE EXTINGUISHER (2A-10B-C) IN SURFACE-MOUNTED CABINET (SEE DETAIL 1/A10.10.3)
10 403	FIRE EXTINGUISHER (2A-10B-C) IN SEMI-RECESSED CABINET (SEE DETAIL 1/A10.10.3)
11 702	AED CABINET, OWNER FURNISHED OWNER INSTALLED
11 703	FIRST AID TREATMENT TABLE, OWNER FURNISHED OWNER INSTALLED
12 202	MOP SINK (SEE DETAIL 3/A10.10.3)
22 408	H/L/D DRINKING FOUNTAIN (SEE DETAIL 23/A10.10.2)
26 201	ELECTRICAL PANELBOARD
26 303	MAIN SWITCH BOARD (SEE ELECTRICAL DWGS.)

GENERAL NOTES

- FOR SIGNAGE REFER TO CODE ANALYSIS PLAN.
- FOR CASEWORK DIMENSIONS REFER TO INTERIOR ELEVATIONS.
- FOR TACK BOARD LOCATIONS REFER TO INTERIOR ELEVATIONS.
- FOR RESTROOM FIXTURES, PARTITIONS, AND SPECIALTIES, REFER TO ENLARGED RESTROOM PLANS.
- FLOOR TO SLOPE TO DRAINS MINIMUM 1/4" FT. ALL AROUND.

LEGEND

- 30' x 48' ACCESSIBLE CLEAR SPACE
- 60' DIAMETER ACCESSIBLE CLEAR SPACE
- FLOOR DRAIN, REFER TO PLUMBING DRAWINGS FOR LOCATION AND SIZE. FLOOR TO SLOPE TO DRAIN. 5 / A10.10.3

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KEY PLAN

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CONSTRUCTION DOCUMENTS

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EQUIPMENT PLAN

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A2.2
Drawn Author	Checked Checker

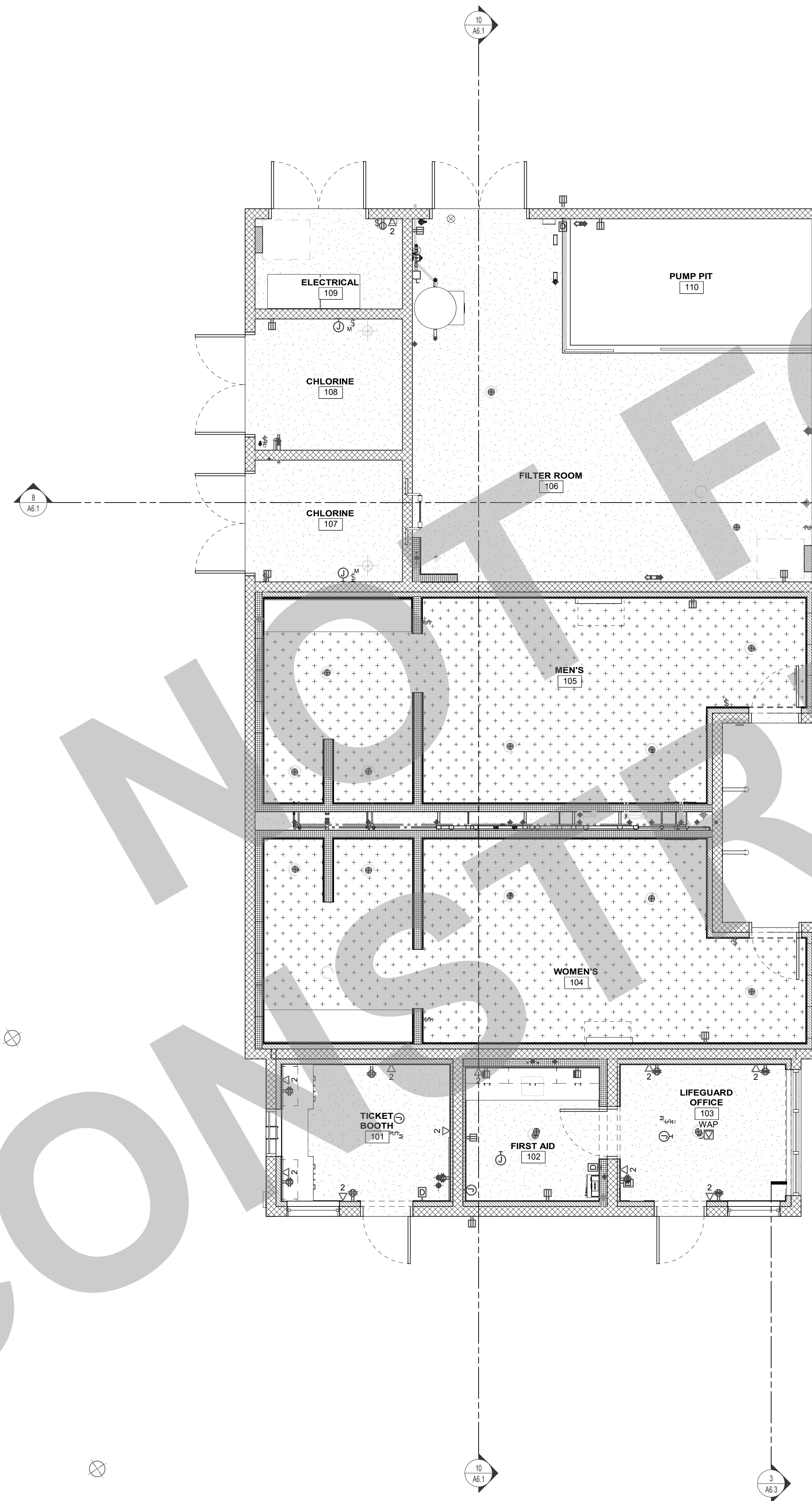
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GENERAL NOTES

- SEE ROOM FINISH SCHEDULE SHEET FOR MORE INFORMATION.
- FOR CONCRETE EXPANSION JOINT REQUIREMENTS, SEE 10/S1.2.
- CONCRETE IN CARPETED/LVT/EPOXY AREAS DOES NOT HAVE A SPECIFIC SCORING PATTERN BUT CONTROL JOINTS MUST NOT EXCEED 10'-0" O.C. MAX. SPACING IN BOTH DIRECTIONS.

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FINISH PLAN LEGEND

- EPOXY, FOR WALL BASE SEE 13, 17, 19, 10.3, 10.3, 10.3
- EXPOSED AND SEALED CONCRETE, FOR WALL BASE SEE 19, 10.3, 10.3
- FLOOR DRAIN WITH SLOPED FLOOR. SEE DETAIL 5, 10.3, 10.3. REFER TO PLUMBING PLAN FOR LOCATIONS.

KEY PLAN

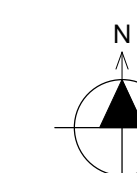
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CONSTRUCTION DOCUMENTS

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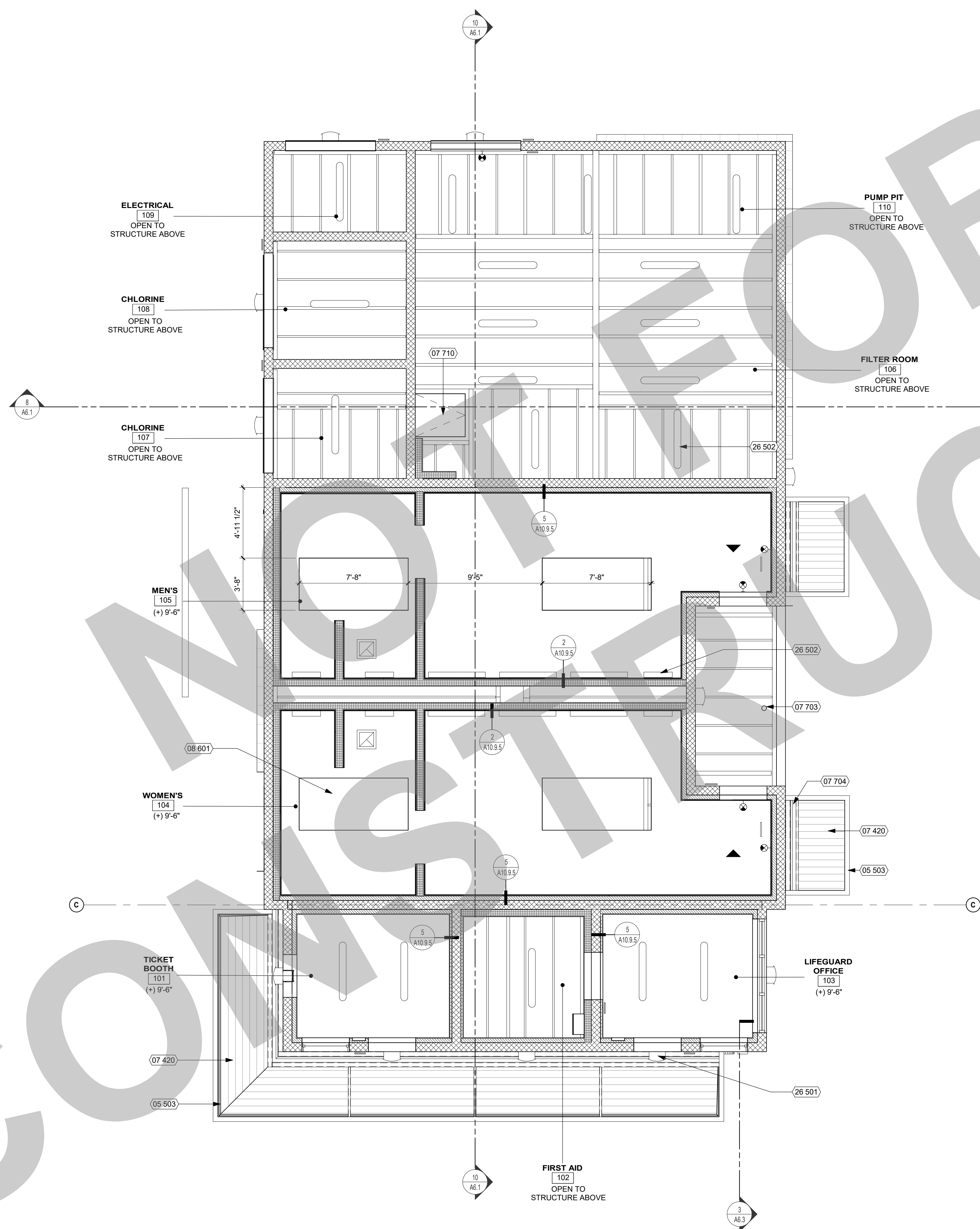
FLOOR PATTERN PLAN

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A2.4
Drawn Author	Checked Checker



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REF: 8 / A5.1



KEYNOTES

NUMBER	NOTE
05 503	STEEL CANOPY (SEE DETAIL 14/A10.7.1)
07 420	METAL SOFFIT PANEL
07 703	OVERFLOW LEADER
07 704	CONCEALED GUTTER. (SEE DETAIL 14/A10.7.1)
07 710	ROOF ACCESS HATCH, 36x42 (SEE DETAIL 3/A10.7.1)
08 601	SKYLIGHT
26 501	EXTERIOR LIGHT FIXTURE (SEE ELECTRICAL DWGS.)
26 502	INTERIOR LIGHT FIXTURE (SEE ELECTRICAL DWGS.)

GENERAL NOTES

- GENERAL:
- ALL HEIGHTS ARE REFERENCED FROM FINISH FLOOR ELEVATIONS - 0'-0"
 - ACCESS DOORS TO BE INSTALLED TO SERVICE EQUIPMENT SHOWN IN CONTRACT DOCUMENTS. SEE DETAIL 4 / A10.9.5
 - PROVIDE ACCESS PANELS TO ENCLOSED AREAS ABOVE GYPSUM BOARD CEILING. CENTER AND ALIGN TO LIGHT FIXTURES, AND OTHER CEILING FIXTURES PER PLAN.
 - CEILING SYSTEM SHOULD BE CENTERED WITHIN EACH ROOM AS WELL AS ALIGNED WITH THE STRUCTURAL GRID, U.O.N.
 - CEILING SYSTEM SHALL BE COORDINATED WITH THE LIGHTING & ELECTRICAL PLANS.
 - SKYLIGHT WELL ON THE CEILING PLAN SHOULD BE VERTICALLY ALIGNED WITH THE CORRESPONDING SKYLIGHT ON THE ROOF WHERE OCCURS.
 - PAINT GYP. BD. CEILINGS AND SOFFITS 5-1 U.O.N. (PAINT FINISH TO BE SAME AT FACE AND UNDERSIDE OF SOFFITS.) REFER TO ROOM FINISH SCHEDULE FOR COLOR SELECTIONS
 - PAINT EXPOSED CEILINGS, DUCTWORK AND EQUIPMENT PER FINISH SCHEDULE.
 - NO EXPOSED NAILS OR SCREWS ARE ALLOWED.
- EQUIPMENT
- SEE ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SUPPORTS & BRACING. ELECTRICAL DEVICES ARE SHOWN FOR LOCATION IN RELATION TO LIGHT FIXTURES AND MECHANICAL DIFFUSERS IN SELECT AREAS. FOR FIXTURE INFORMATION SEE ELECTRICAL DRAWINGS.
 - SEE MECHANICAL AND PLUMBING DRAWINGS FOR DIFFUSERS AND PIPE CHASES.
 - SEE FIRE PROTECTION DETAILS FOR PENETRATIONS THROUGH RATED WALLS, WHERE OCCURS.
 - SINGLE LIGHT FIXTURES IN GYP. BD. CEILINGS SHALL BE CENTERED IN ROOM.
 - LIGHT FIXTURE DIMENSIONS ARE TO CENTERLINE OF FIXTURE OR GROUP OF FIXTURES, U.O.N.
 - CENTER AND ALIGN SMOKE DETECTOR, DIFFUSERS, GRILLS, AND SIMILAR ITEMS IN CEILING TILE GRID AND ALIGN WITH LIGHT FIXTURES. SEE DETAIL 1 / A10.9.5
 - SEE ELECTRICAL DRAWINGS FOR LOW LEVEL EXIT SIGN LOCATIONS. COORDINATE LOCATION OF CEILING FANS AND LIGHTING. ENSURE THAT FAN BLADES DO NOT UNDERCUT LIGHTING FIXTURES.

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LEGEND

- GYPSUM WALLBOARD CEILING, PAINT SURFACE. SEE DETAIL 2 / A10.9.5
 - EXTERIOR CANOPIES, SEE DETAIL 14 / A10.7.1
 - LIGHT FIXTURES, SEE ELECTRICAL DRAWINGS
 - MECHANICAL EQUIPMENT, SEE MECHANICAL DRAWINGS
 - 30" x 20" CEILING ACCESS PANEL, SEE DETAIL 4 / A10.9.5 REFER TO PLUMBING DRAWINGS FOR LOCATIONS
- ROOM NAME [A119] ROOM TAG (+) 8'-0" = CEILING HEIGHT OF ROOM, U.O.N.
- ROOM NAME [A119] EXPOSED ROOM TAG EXPOSED = OPEN TO STRUCTURE
- EMERGENCY EXIT LIGHT
 - EXIT DIRECTIONAL ARROW

KEY PLAN

CITY OF STOCKTON
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CONSTRUCTION DOCUMENTS

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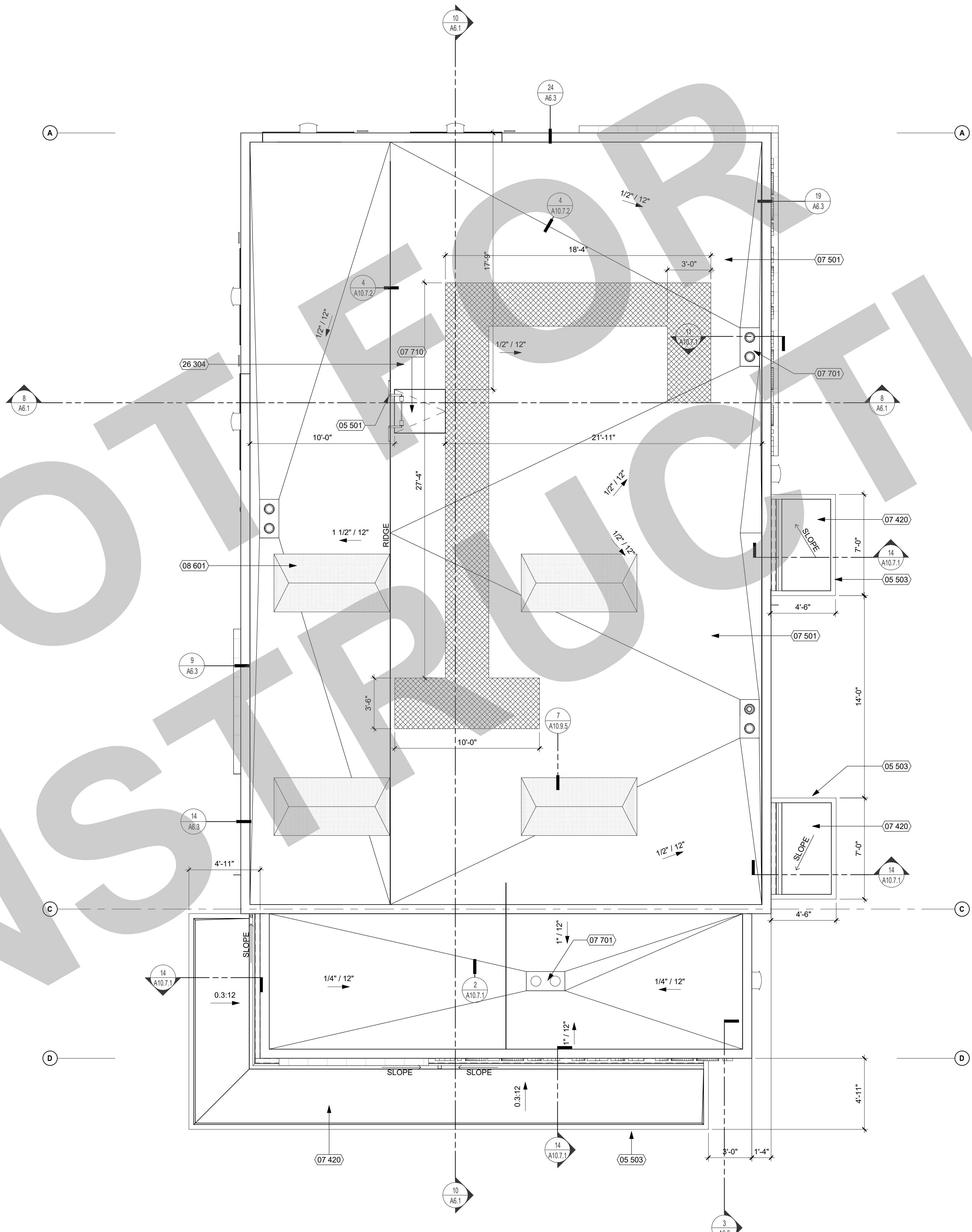
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Application Number XX-XXXXXX	Drawing Number A3.1
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REF: 8 / A5.1

ROOF PLAN 1/4" = 1'-0" 10



KEYNOTES

NUMBER	NOTE
05 501	ROOF ACCESS LADDER (SEE DETAIL 2/A10.7.1)
05 503	STEEL CANOPY (SEE DETAIL 14/A10.7.1)
07 420	METAL SOFFIT PANEL
07 501	CLASS 'A' MEMBRANE ROOF ASSEMBLY
07 701	ROOF DRAIN AND OVERFLOW DRAIN (SEE DETAIL 12/A10.7.1)
07 710	ROOF ACCESS HATCH, 36x42 (SEE DETAIL 3/A10.7.1)
08 801	SKYLIGHT
26 304	SLOAR READY ZONE

GENERAL NOTES

- GENERAL
- NOTES AND SYMBOLS ARE TO APPLY AT ALL AREAS OF SIMILAR GRAPHIC REPRESENTATION. SUCH INDICATIONS MAY BE LIMITED TO PROMOTE CLARITY OR AVOID REDUNDANCY. NO LIMITATION OF APPLICATION SHALL BE CONSTRUED WITHOUT SPECIFIC NOTATION.
 - ALL ROOF MATERIALS TO BE CLASS A RATED.
 - MINIMUM ROOF INSULATION R-30 ALL LOCATIONS OF THE ROOF.
 - MINIMUM THICKNESS OF ROOF INSULATION TO BE 6" AT LOW POINT OF ROOF DRAIN SUMP.
 - FLASHING TERMINATIONS SHALL HAVE WATER-TIGHT SHEET METAL CLOSURES WITH WATERPROOF SELF-ADHERED MEMBRANE UNDERLAYMENT.
 - WALLER THICKNESS SHALL MATCH ADJACENT INSULATION THICKNESS WITHIN 1/4" TOLERANCE.

- SLOPES AND DRAINAGE
- SECONDARY SLOPE (CRICKETS, SADDLES, SUMPS, ETC.) SHALL BE 1/4" / FT. SLOPE MINIMUM AS INDICATED AT ALL ROOF AREAS, INCLUDING VALLEYS, AND STEEPER AS REQUIRED TO MEET VALLEY SLOPE CRITERIA.
 - BACK SLOPES SHALL BE 2X THE PRIMARY SLOPE.
 - MINIMUM ROOF SLOPE IN VALLEYS IS 1/4" / FT. ADJUST SLOPE OF CRICKETS TO PROVIDE MINIMUM SLOPE AT ALL LOCATIONS OF ROOF TO PREVENT FONDING. DIRECT ALL ROOF WATER TO DRAINS.
 - TAPER INSULATION UP FROM DRAIN IN SUMPS MINIMUM OF 1/4" / FT. BUT NOT TO EXCEED 1" / FT. PROVIDE TAPERED FILL TO CONFORM THE SUMP INSULATION TO THE THICKNESS OF INSULATION IN THE FIELD OF THE ROOF. PROVIDE TAPERED CRICKET ON THE HIGH SIDE OF PENETRATIONS WIDER THAN 24".
 - MINIMUM SLOPE 1/4" / FT TO DRAIN AT ALL LOCATIONS.

- EQUIPMENT
- REFER TO MECHANICAL, PLUMBING, ELECTRICAL AND OTHER FACILITY SERVICES DRAWINGS FOR EQUIPMENT, DUCTWORK, PENETRATIONS AND OTHER FEATURES NOT OTHERWISE SHOWN.
 - PENETRATIONS, CURBS AND TERMINATIONS, INCLUDING THOSE FOR MECHANICAL, ELECTRICAL, PLUMBING AND OTHER FACILITY SERVICES SHALL PROVIDE MINIMUM 8" VERTICAL BASE FLASHING ELEVATION ABOVE THE TOP OF THE ADJACENT ROOF SURFACE (NOT STRUCTURAL DECK).
 - EQUIPMENT SUPPORT PENETRATIONS SHALL BE ROUND SHAPES UNLESS SPECIFICALLY DETAILED OTHERWISE.
 - FOR CONDUIT THROUGH ROOF DETAIL, SEE ELECTRICAL DRAWINGS.
 - FOR TYPICAL PENETRATION CLEARANCES, SEE DETAIL 7 / A10.7.1
 - FOR DUCT THRU WALL PENETRATION, SEE DETAIL 15 / A10.7.1
 - FOR VENT PIPE AT SINGLE PLY ROOFING, SEE DETAIL 19 / A10.7.1

SOLAR READY ZONE

CEC SECTION 110.10 MANDATORY REQUIREMENTS FOR SOLAR READY BUILDINGS

- (B) SOLAR ZONE
- MINIMUM AREA. (B) NONRESIDENTIAL BUILDINGS. THE SOLAR ZONE SHALL BE LOCATED ON THE ROOF OR OVERHANG OF THE BUILDING OR ON THE ROOF OR OVERHANG OF ANOTHER STRUCTURE LOCATED WITHIN 250 FEET OF THE BUILDING OR ON COVERED PARKING INSTALLED WITH THE BUILDING PROJECT AND HAVE A TOTAL AREA NO LESS THAN 15 PERCENT OF THE TOTAL ROOF AREA OF THE BUILDING EXCLUDING ANY SKYLIGHT AREA.
 - BUILDING F:
 - TOTAL ROOF AREA = 2,125 SF
 - 15% OF TOTAL ROOF AREA = 319 SF
 - TOTAL AREA REQUIRED = 319 SF
 - TOTAL SOLAR READY AREA PROVIDED = 320 SF
 - SOLAR READY AREA IDENTIFIED ON BUILDING ROOF PLAN.
 - ORIENTATION. ALL SECTIONS OF THE SOLAR ZONE LOCATED ON STEEP-SLOPED ROOFS SHALL BE ORIENTED BETWEEN 110 DEGREES AND 270 DEGREES OF TRUE NORTH.
 - SEE ROOF PLAN FOR COMPLIANCE.
 - SHADING. NO OBSTRUCTIONS SHALL BE LOCATED IN THE SOLAR ZONE.
 - SEE ROOF PLAN FOR COMPLIANCE.
 - STRUCTURAL DESIGN LOADS ON CONSTRUCTION DOCUMENTS.
 - SEE STRUCTURAL DRAWINGS FOR DESIGN LOADS.

(C) INTERCONNECTION PATHWAYS

- SEE ELECTRICAL DRAWINGS FOR COMPLIANCE.

(D) DOCUMENTATION

- A COPY OF THE CONSTRUCTION DOCUMENTS OR A COMPARABLE DOCUMENT INDICATING THE INFORMATION FROM SECTION 110.10(B) THROUGH 110.10 (C) SHALL BE PROVIDED TO THE OCCUPANT.

LEGEND

- SINGLE PLY ROOFING. SEE DETAIL 1 (A10.7.2)
- ROOF ACCESS HATCH. SEE DETAIL 3 (A10.7.1)
- ROOF DRAIN AND OVERFLOW. SEE DETAIL 10 (A10.7.1)
- ROOF WALKWAY PADS (A10.7.2)
- ROOF CRICKET, TAPERED RIGID INSULATION. SLOPED TO DRAIN PER DETAIL 3 (A10.7.2)
- SOLAR READY ZONE. SEE CALCULATION ABOVE
- INTAKE/EXHAUST VENT PER DETAILS 7 (A10.7.1) 29 (A10.7.1)
- HEAT PUMP. SEE ELECTRICAL DWGS
- VENTILATOR. SEE ELECTRICAL DWGS
- TRANE/HORIZON HEAT PUMP. SEE ELECTRICAL DWGS

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NO.	REMARKS	DATE

- REVISION HISTORY
- | NO. | REMARKS | DATE |
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- DRAWING STATUS
- PLAN CHECK
 - BACK CHECK
 - BIDDING
 - CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
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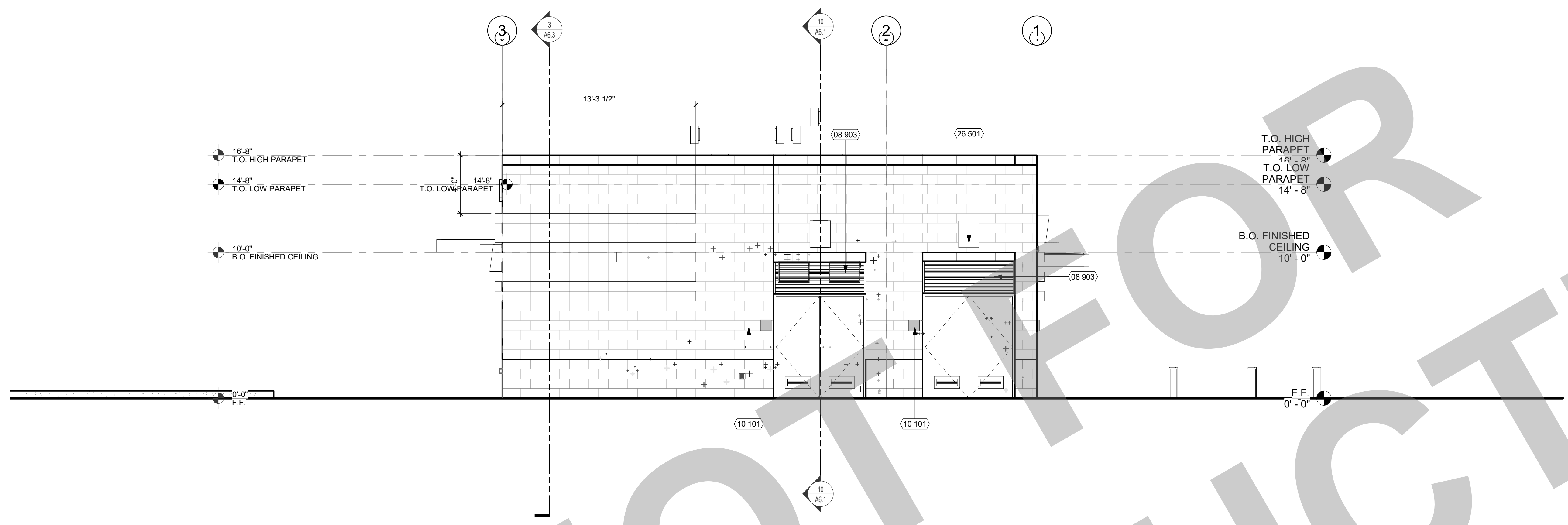
CONSTRUCTION DOCUMENTS

AQUATIC FACILITIES
 RENOVATION &
 REPLACEMENT -
 CITY PROJECT NO. CR18020
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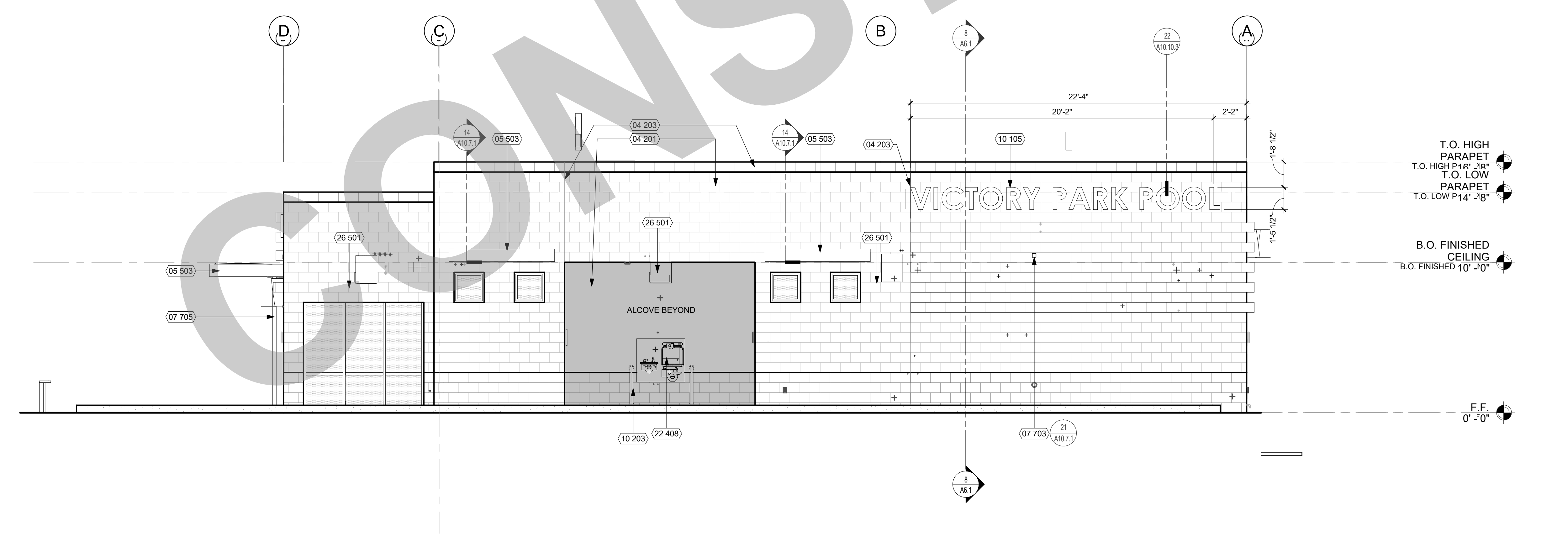
ROOF PLAN

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A4.1
Drawn Author	Checked Checker

PRINT DATE: 7/18/2023 11:50:56 AM
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NORTH ELEVATION 1/4" = 1'-0" 8



EAST ELEVATION 1/4" = 1'-0" 10

KEYNOTES

NUMBER	NOTE
04 201	CLEAR SEALED CMU PRECISION FACE
04 203	CMU CONTROL JOINT
05 503	STEEL CANOPY (SEE DETAIL 14/A10.7.1)
07 703	OVERFLOW LEADER
07 705	DOWNSPOUT, PAINT TO MATCH COLOR(S) OF WALL BEHIND (SEE DETAIL 9/A10.7.1)
08 903	TRANSOM LOUVER
10 101	ROOM ID SIGNAGE (SEE CODE ANALYSIS PLAN)
10 105	EXTERIOR ALUMINUM LETTERS, CLEAR ANODIZED FINISH
10 203	GRAB BAR (SEE DETAIL 11/A10.10.2)
22 408	HI-LO DRINKING FOUNTAIN (SEE DETAIL 23/A10.10.2)
26 501	EXTERIOR LIGHT FIXTURE (SEE ELECTRICAL DWGS.)

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GENERAL NOTES

- GRAFFITI-RESISTANT COATINGS TO BE APPLIED ONLY TO MASONRY BRICK AND CONCRETE, NOT PLASTER - SEE SPECIFICATIONS

LEGEND

	CMU EXPANSION JOINT, REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
	8 X 8 X 16 PRECISION FACE CMU - LADERA RED MW
	8 X 8 X 16 PRECISION FACE CMU - GRAY NATURAL MW

KEY PLAN

CITY OF STOCKTON
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EXTERIOR ELEVATIONS

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A5.1
Drawn Author	Checked Checker

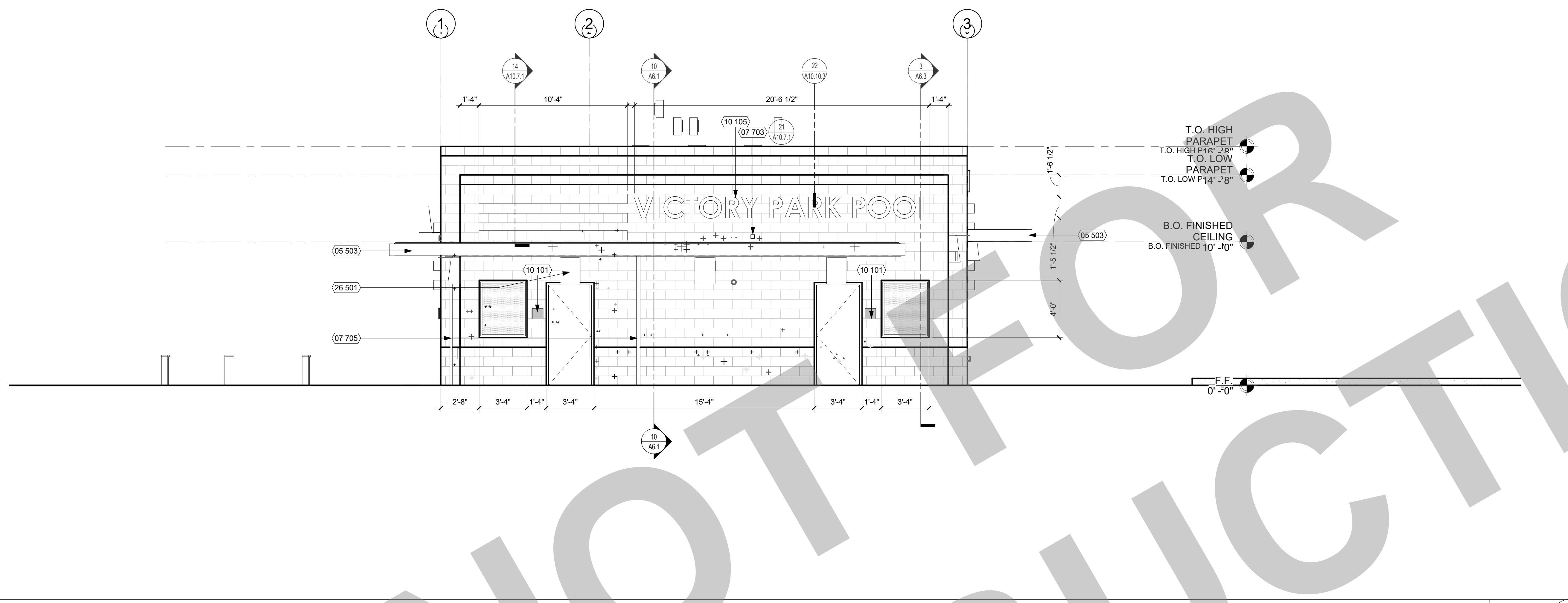
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KEYNOTES

NUMBER	NOTE
04 201	CLEAR SEALED CMU PRECISION FACE
04 203	CMU CONTROL JOINT
05 503	STEEL CANOPY (SEE DETAIL 14/A10.7.1)
07 703	OVERFLOW LEADER
07 705	DOWNSPOUT. PAINT TO MATCH COLOR(S) OF WALL BEHIND (SEE DETAIL 9/A10.7.1)
08 511	TICKET WINDOW
08 903	TRANSOM LOUVER
10 101	ROOM ID SIGNAGE (SEE CODE ANALYSIS PLAN)
10 105	EXTERIOR ALUMINUM LETTERS. CLEAR ANODIZED FINISH
26 501	EXTERIOR LIGHT FIXTURE (SEE ELECTRICAL DWGS.)
32 226	(N) LOCATION OF DEDICATION PLAQUE



SOUTH ELEVATION 1/4" = 1'-0" 8

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GENERAL NOTES

- GRAFFITI-RESISTANT COATINGS TO BE APPLIED ONLY TO MASONRY BRICK AND CONCRETE. NOT PLASTER - SEE SPECIFICATIONS

LEGEND

- CMU EXPANSION JOINT. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
- 8 X 8 X 16 PRECISION FACE CMU - LADERA RED MW
- 8 X 8 X 16 PRECISION FACE CMU - GRAY NATURAL MW

KEY PLAN

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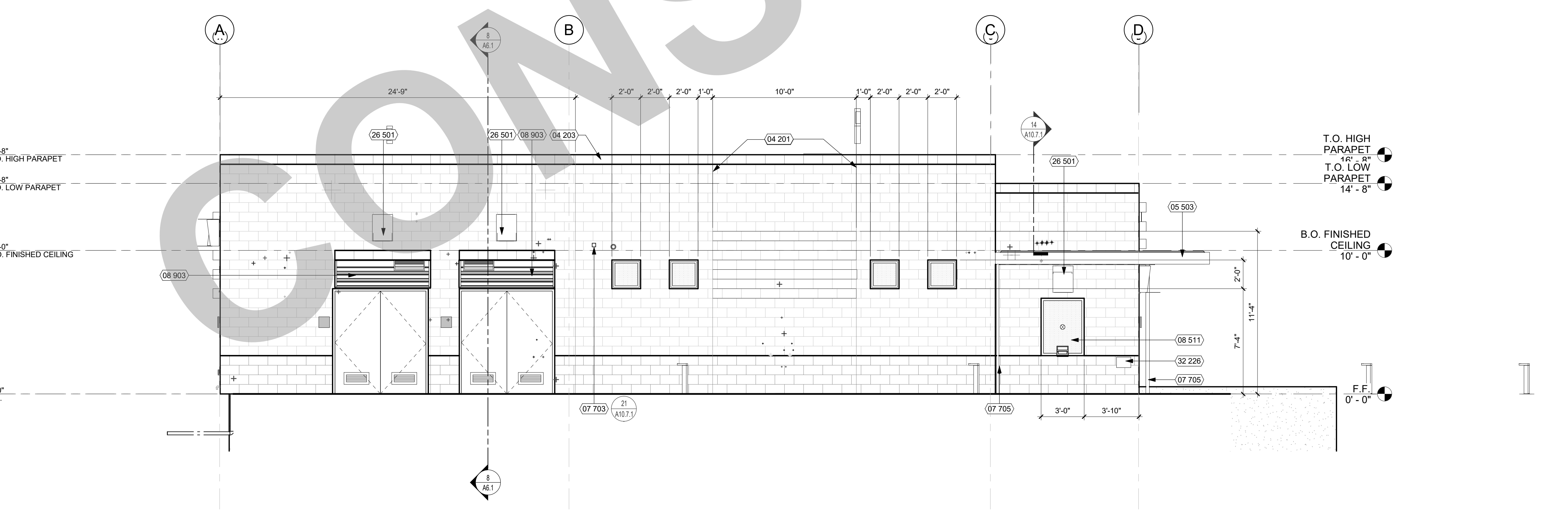
CONSTRUCTION DOCUMENTS

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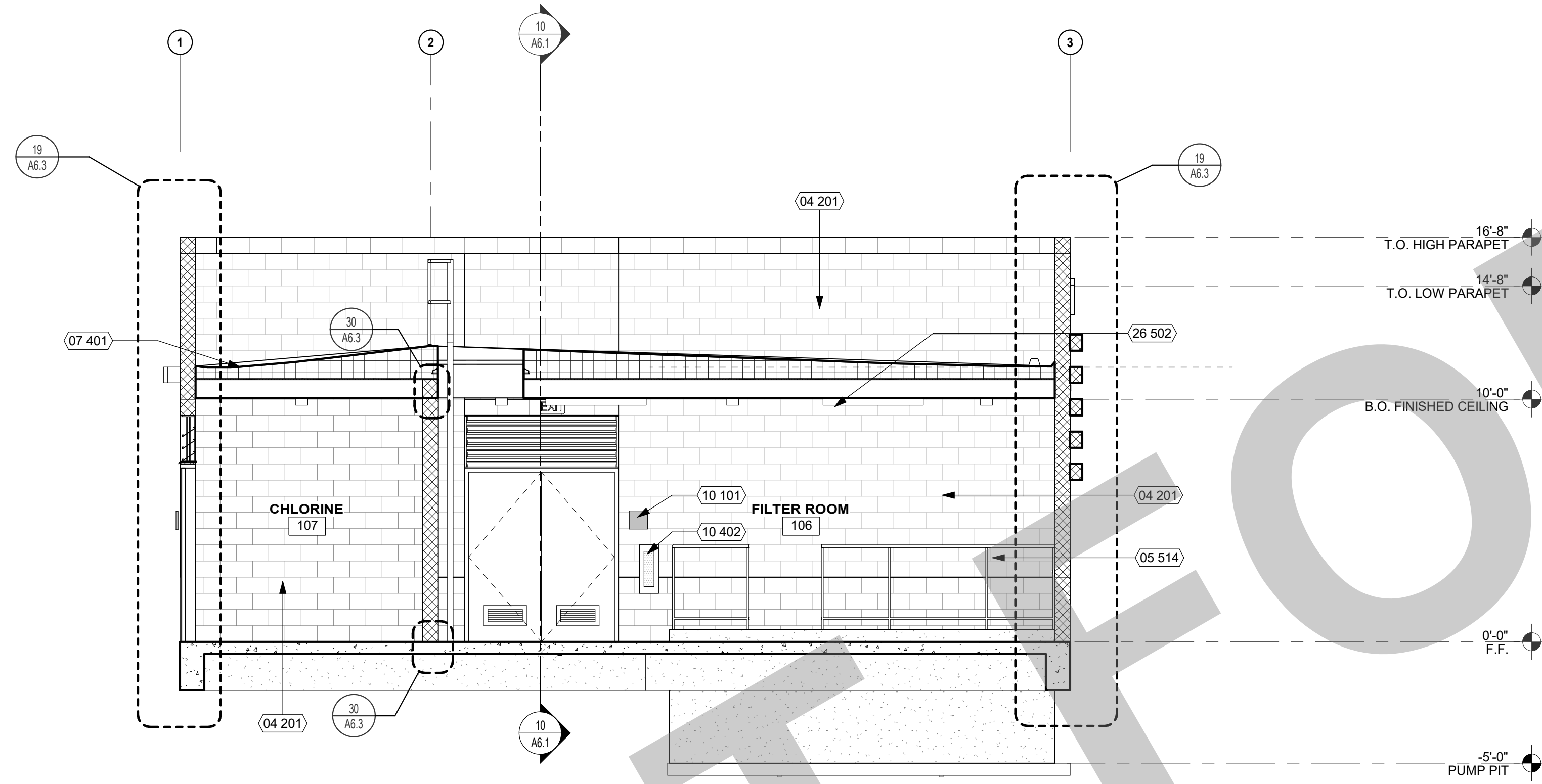
EXTERIOR ELEVATIONS

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A5.2
Drawn Author	Checked Checker

WEST ELEVATION 1/4" = 1'-0" 10



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KEYNOTES	
NUMBER	NOTE
04 201	CLEAR SEALED CMU PRECISION FACE
05 514	METAL GUARDRAIL (SEE DETAIL 69A/4)
06 104	WOOD JOIST (SEE STRUCTURAL DWGS.)
07 401	CLASS 'A' STANDING SEAM METAL ROOF ASSEMBLY
07 501	CLASS 'A' MEMBRANE ROOF ASSEMBLY
08 601	SKYLIGHT
09 304	ACCENT WALL TILE - SEE A9.3 ROOM FINISH SCHEDULE
09 502	GYPSUM BOARD CEILING
09 601	WALL BASE (SEE FINISH SCHEDULE)
09 612	EPOXY FLOORING
09 706	PAINTED GYPSUM WALL BOARD
10 101	ROOM ID SIGNAGE (SEE CODE ANALYSIS PLAN)
10 201	TOILET PARTITION (SEE DETAIL 16/A10.10.2)
10 203	GRAB BAR (SEE DETAIL 11/A10.10.2)
10 402	FIRE EXTINGUISHER (2A-10B-C) IN SURFACE-MOUNTED CABINET (SEE DETAIL 14/A10.10.3)
26 502	INTERIOR LIGHT FIXTURE (SEE ELECTRICAL DWGS.)

GENERAL NOTES

- FOR FINISH INFORMATION, REFER TO INTERIOR ELEVATIONS AND FINISH SCHEDULE.
- SEE REFLECTED CEILING PLANS FOR CEILING INFORMATION.
- SEE FLOOR PLAN FOR WALL TYPES.

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KEY PLAN

CITY OF STOCKTON
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CONSTRUCTION DOCUMENTS

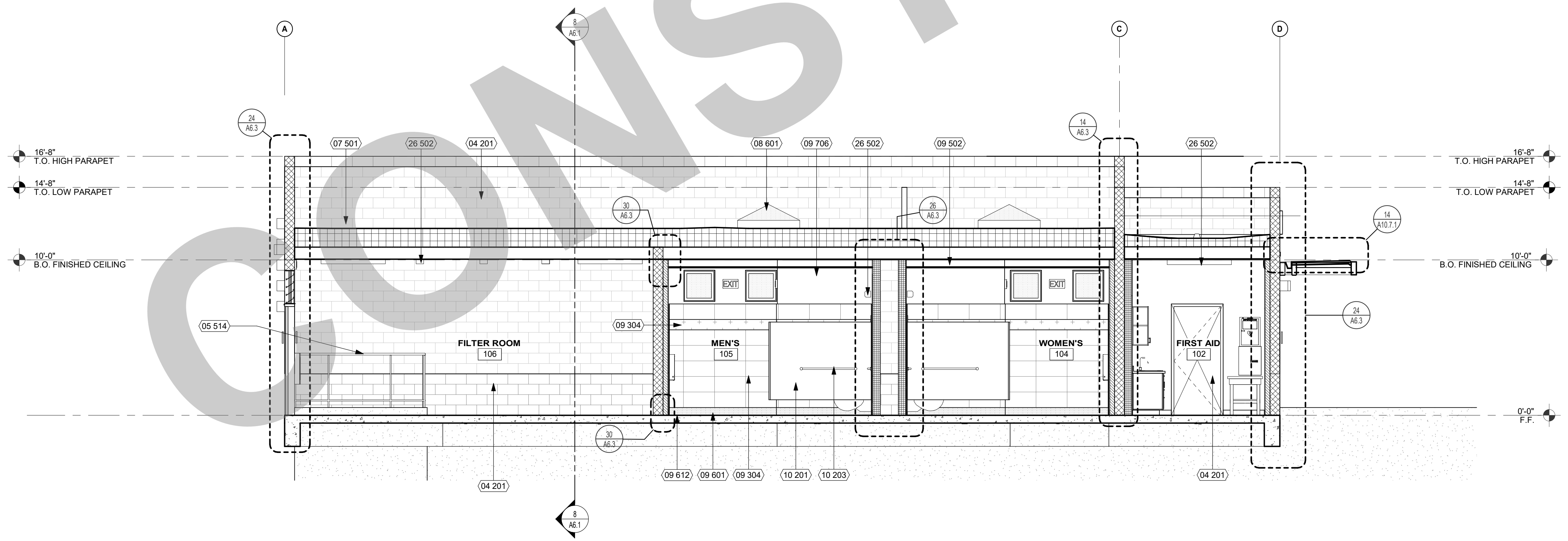
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BUILDING SECTIONS

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A6.1
Drawn Author	Checked Checker

REF: 1 / A2.1

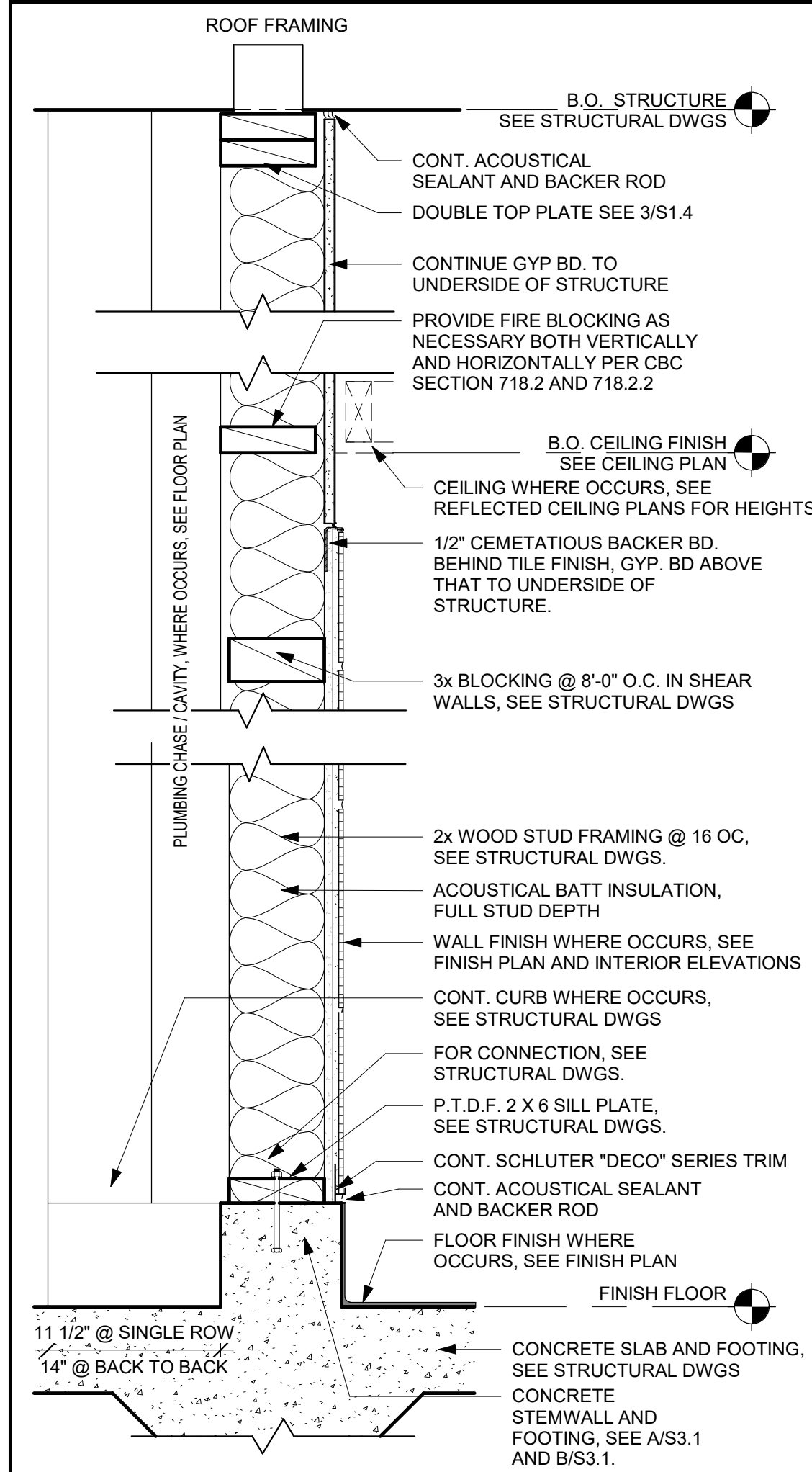
BUILDING SECTION 1/4" = 1'-0" 8



REF: 1 / A2.1

BUILDING SECTION 1/4" = 1'-0" 10

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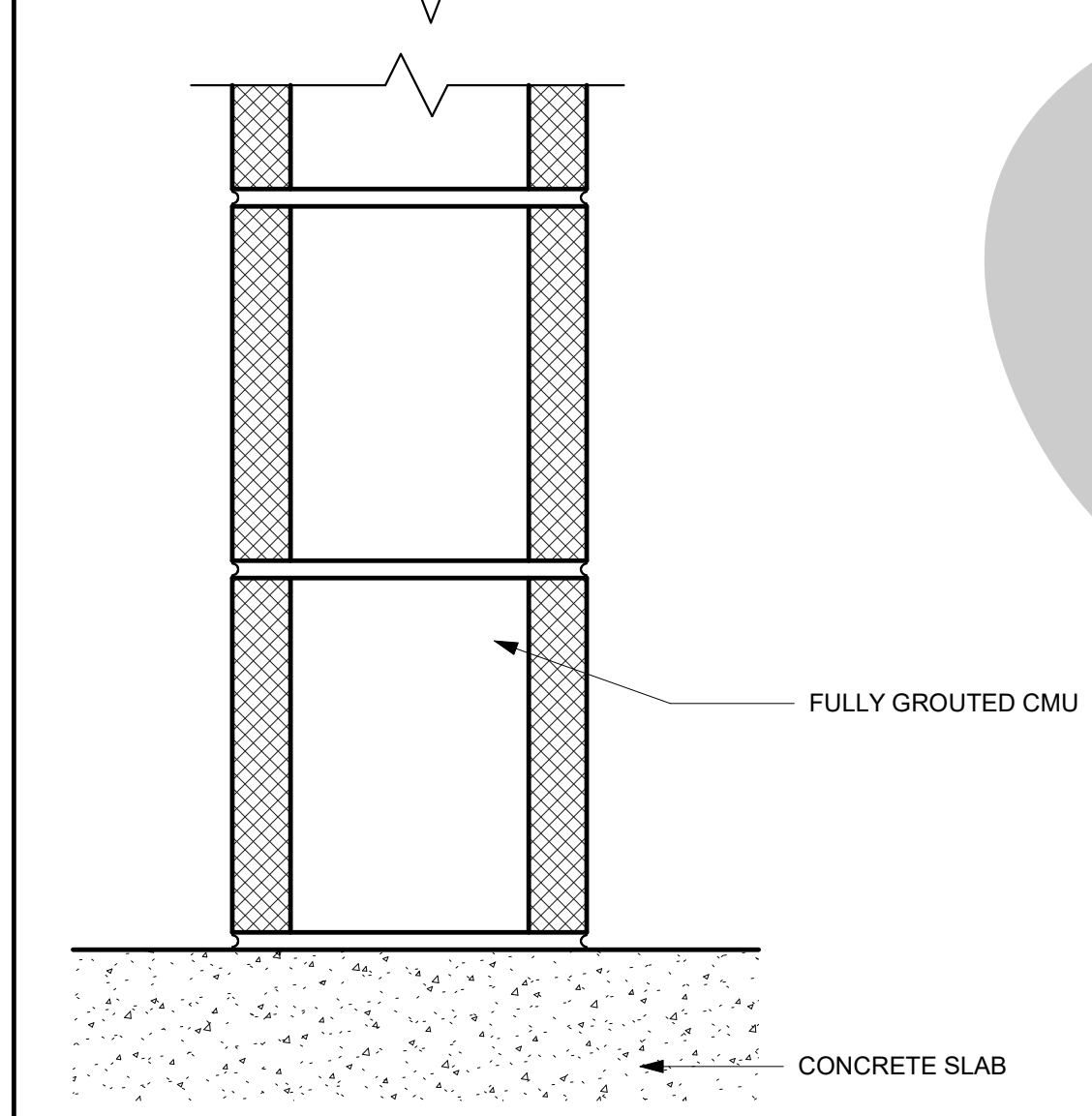
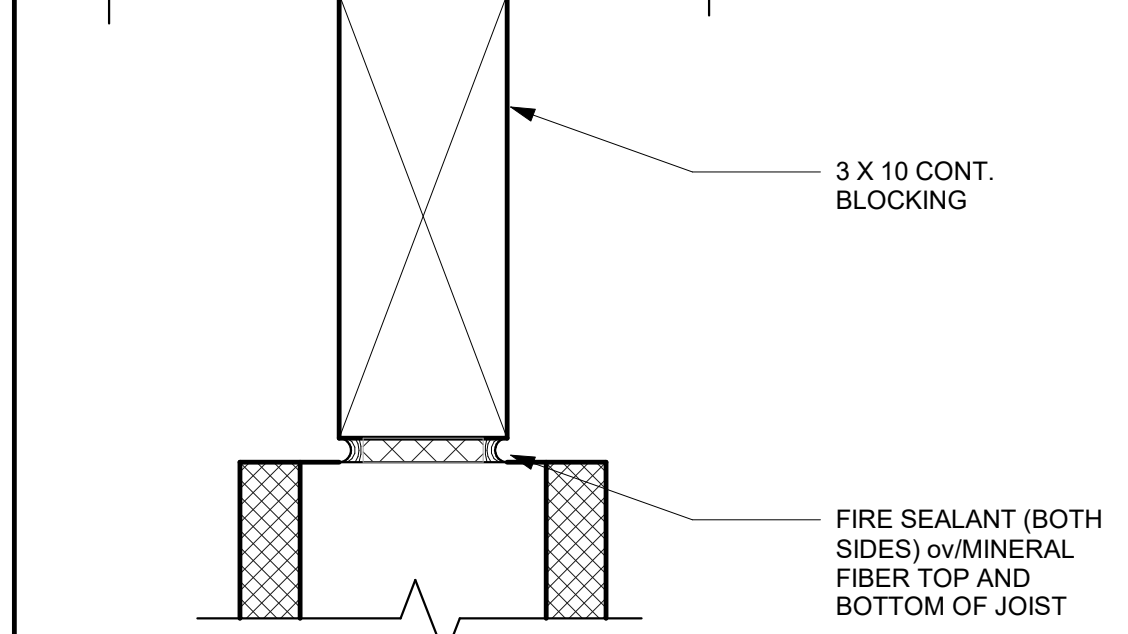
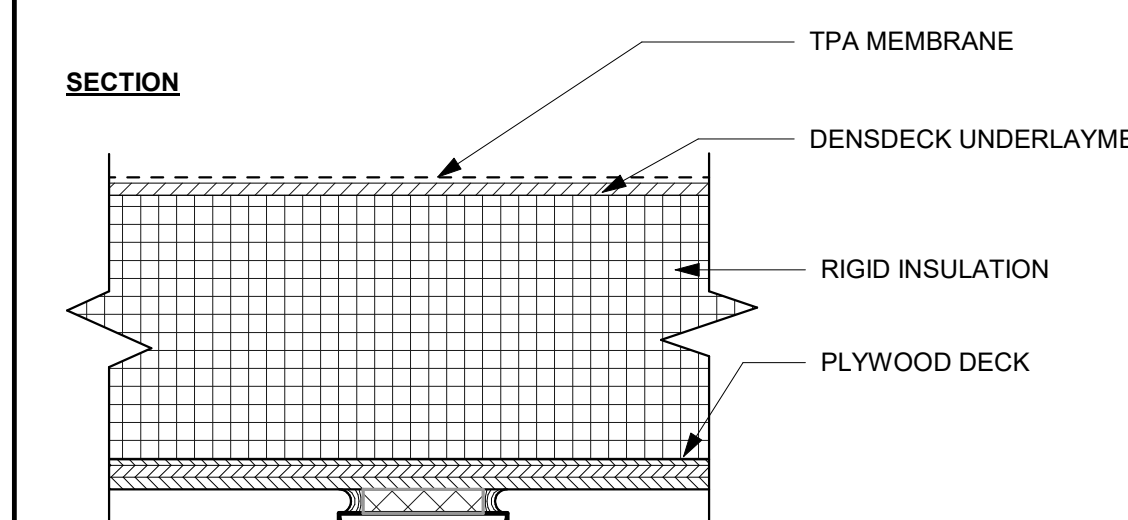


REF: 10 / A6.1

INTERIOR WALL TYPE - 5 1 1/2" = 1'-0" **26**

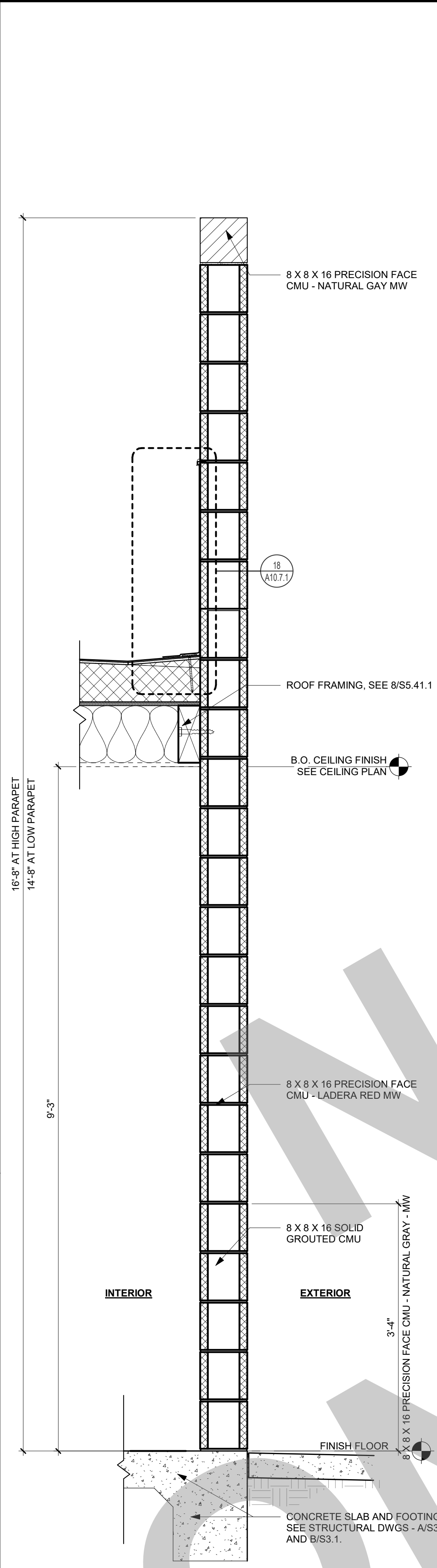
NOTES:

1. PER CBC 703.7, ALL FIRE WALLS THAT HAVE A CONCEALED FLOOR-CEILING OR ATTIC SPACE SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING READING "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS" IN THE CONCEALED SPACE. THE IDENTIFICATION SHALL BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AT INTERVALS NOT EXCEEDING 30 FEET HORIZONTALLY, AND THE LETTERING SHALL NOT BE LESS THAN 3 INCHES IN HEIGHT OR HAVE A STROKE LESS THAN 3/8-INCH IN A CONTRASTING COLOR.



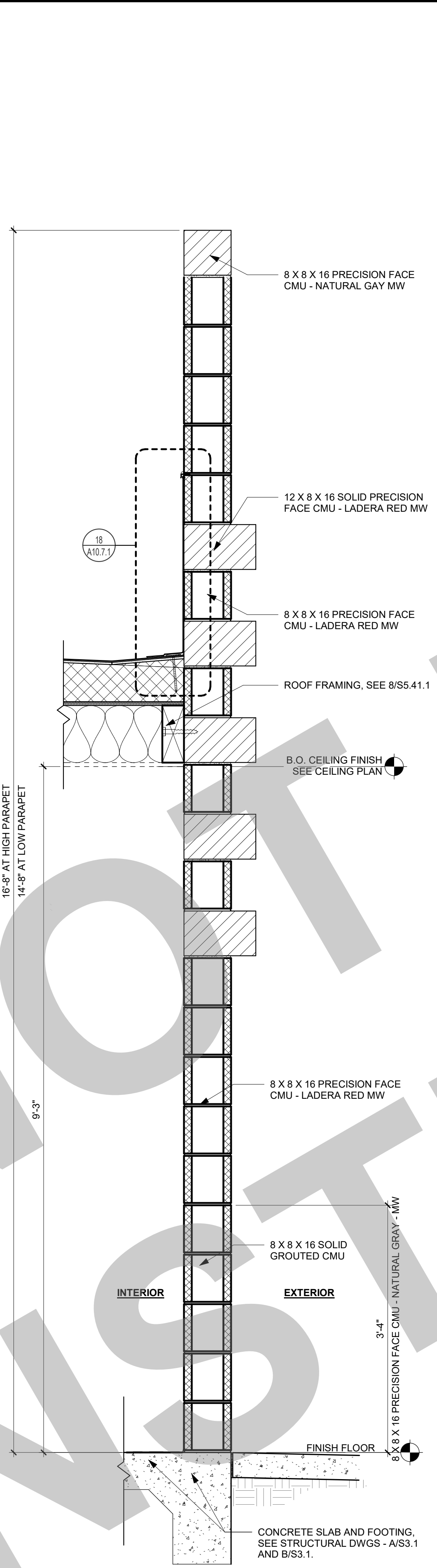
REF: 8 / A6.1

1 HR RATED WALL ASSEMBLY - CMU 3" = 1'-0" **30**



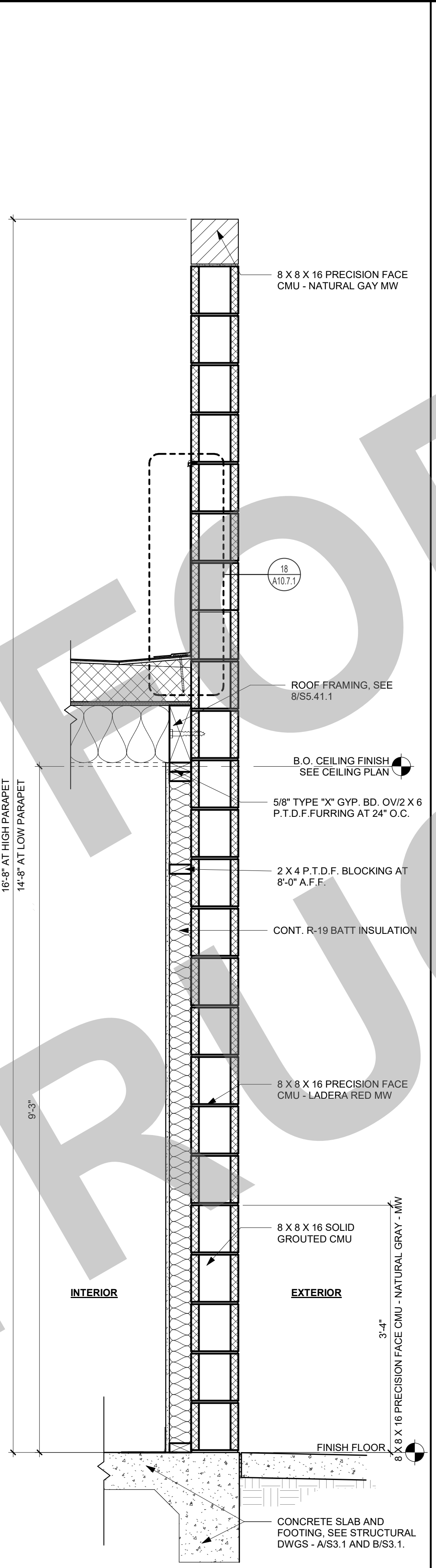
REF: 10 / A4.1

EXTERIOR WALL TYPE 4 1" = 1'-0" **24**



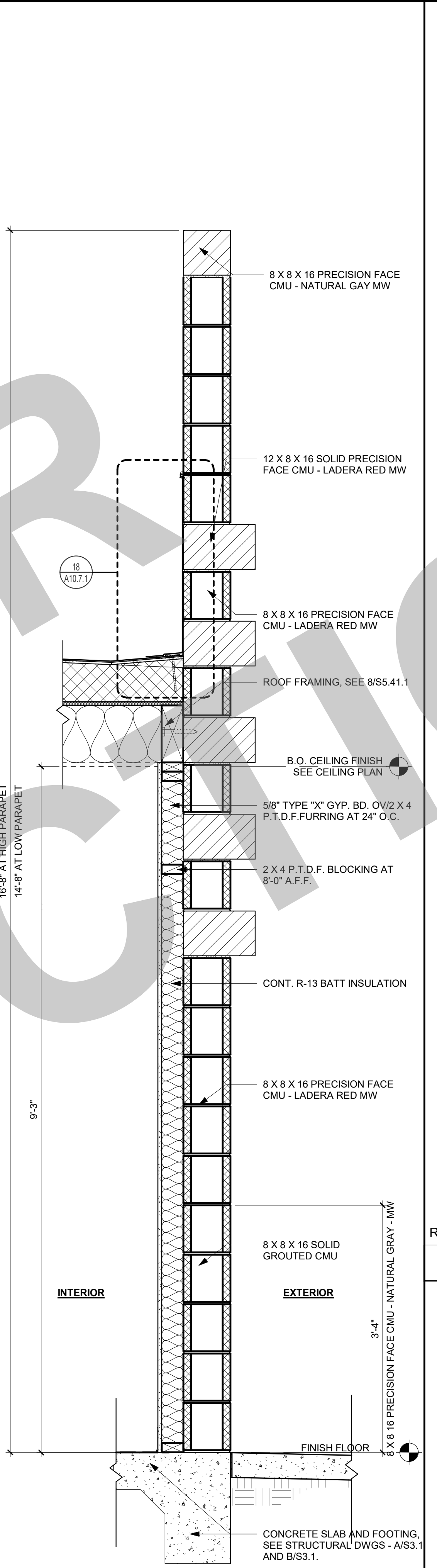
REF: 10 / A4.1

EXTERIOR WALL TYPE 3 1" = 1'-0" **19**



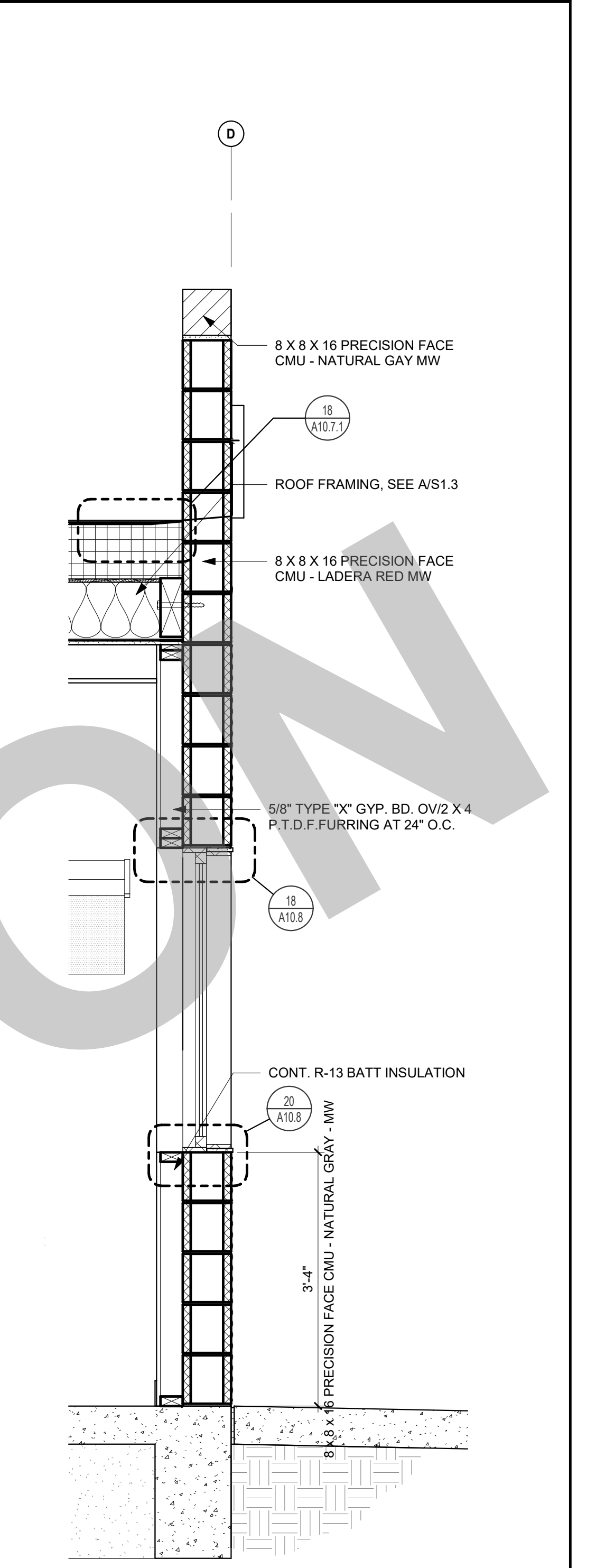
REF: 10 / A4.1

EXTERIOR WALL TYPE 2 1" = 1'-0" **14**



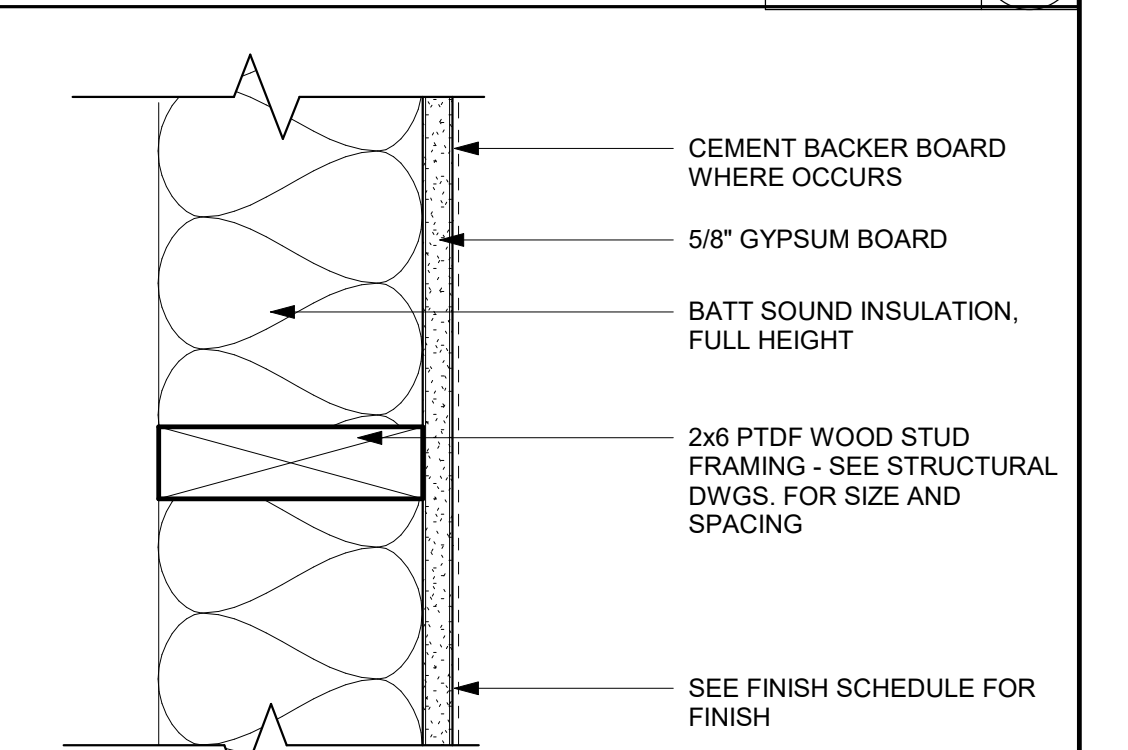
REF: 10 / A4.1

EXTERIOR WALL TYPE 1 1" = 1'-0" **9**



REF: 1 / A2.1

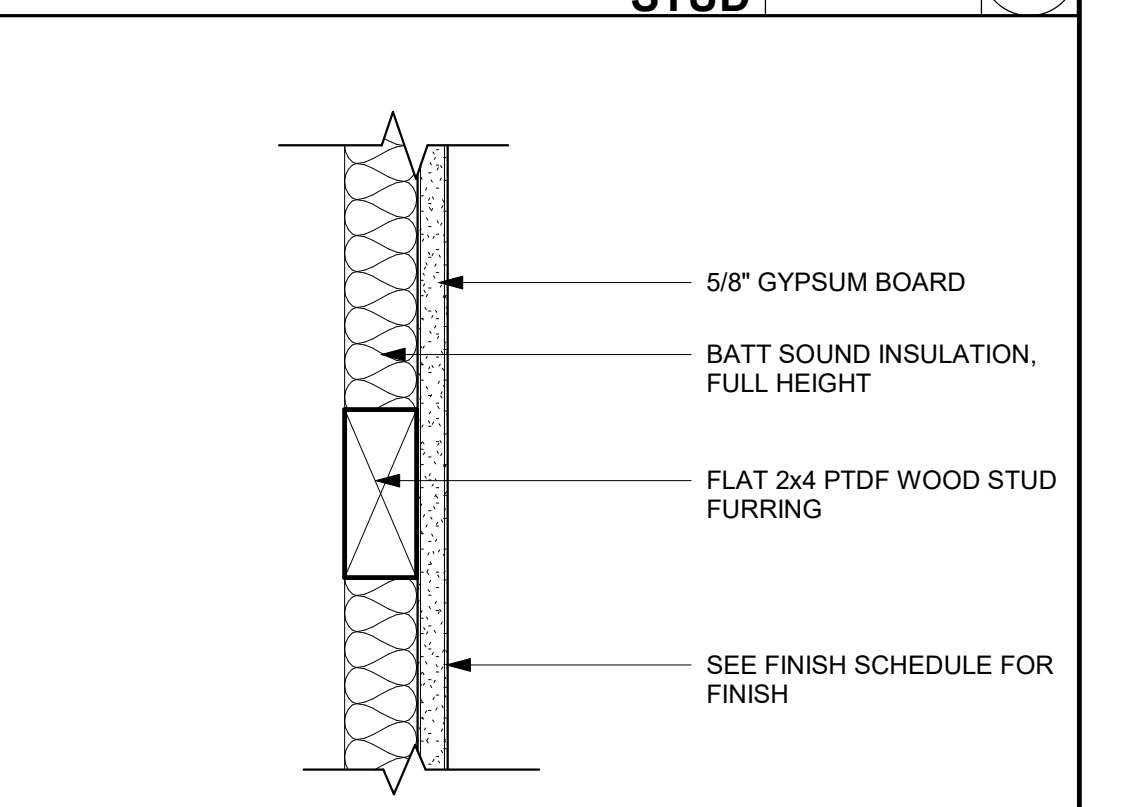
WALL SECTION 3/4" = 1'-0" **3**



NOTES:

1. WALLS TO BE FULL HEIGHT, WITH GYPSUM BOARD AND INSULATION FULL HEIGHT.

INTERIOR WALL ASSEMBLY - 6 INCH STUD 3" = 1'-0" **4**



NOTES:

1. WALLS TO BE FULL HEIGHT, WITH GYPSUM BOARD AND INSULATION FULL HEIGHT.

INTERIOR WALL ASSEMBLY - 4 INCH FLAT STUD 3" = 1'-0" **5**

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NO.	REMARKS	DATE

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WALL SECTIONS

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A6.3
Drawn Author	Checked Checker

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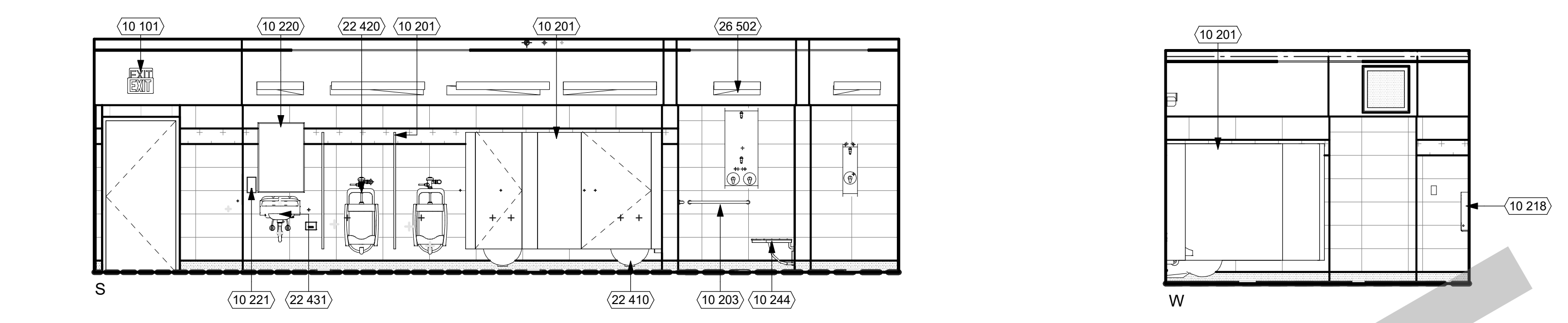
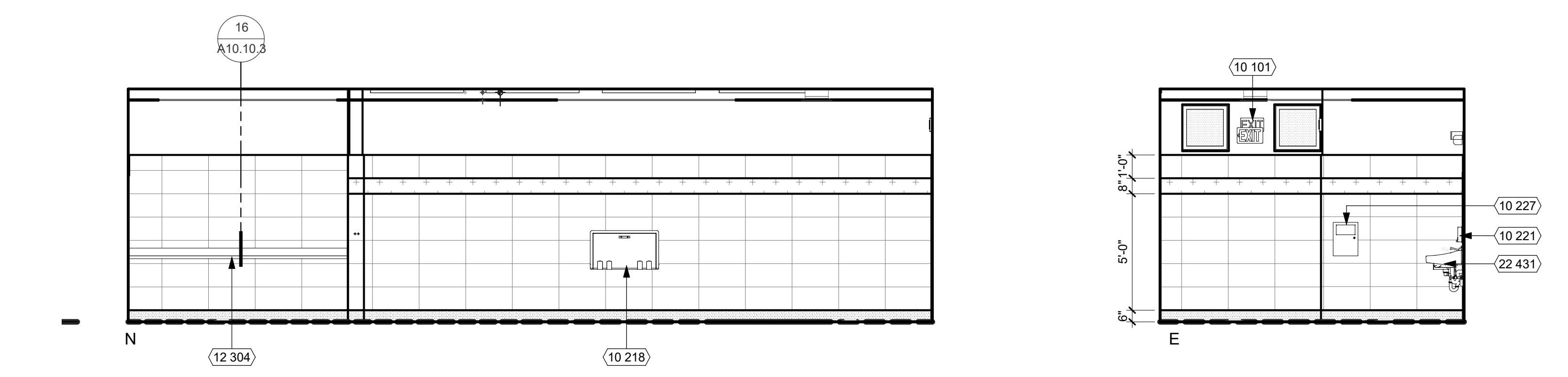
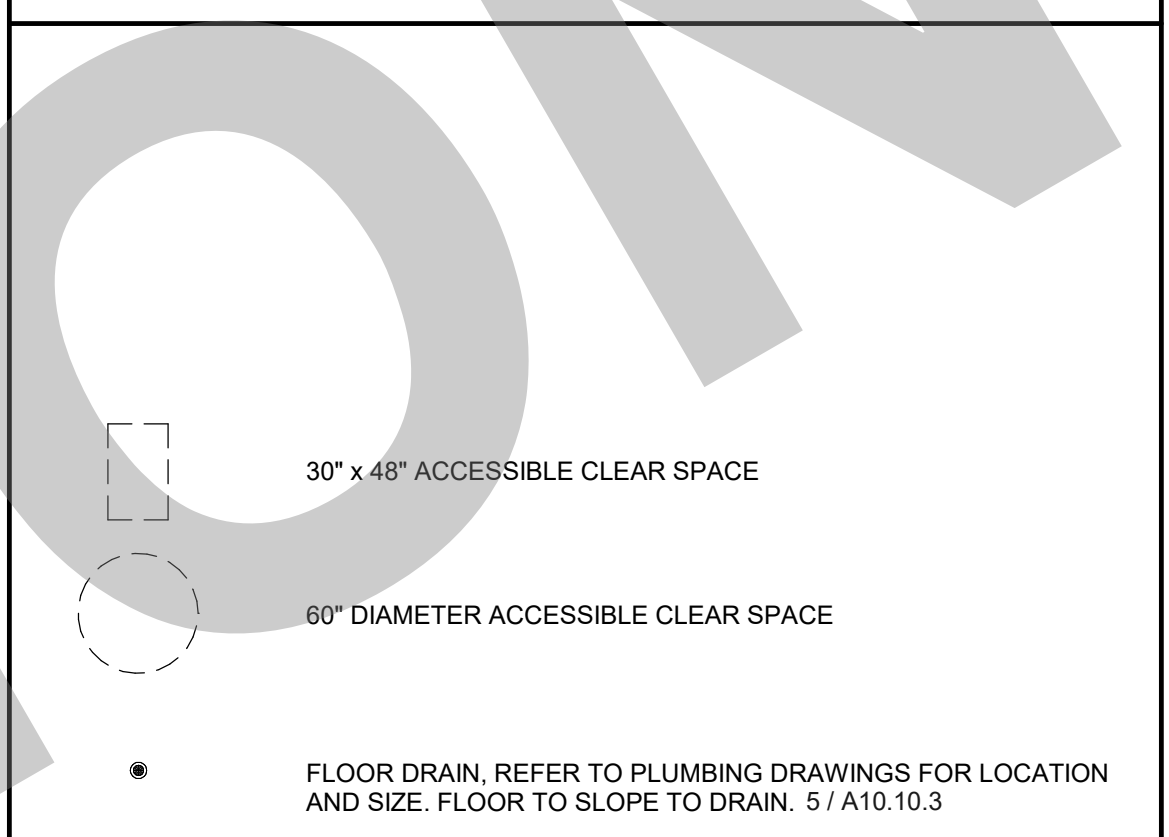
KEYNOTES

NUMBER	NOTE
08 601	SKYLIGHT
10 101	ROOM ID SIGNAGE (SEE CODE ANALYSIS PLAN)
10 201	TOILET PARTITION (SEE DETAIL 16/A10.10.2)
10 203	GRAB BAR (SEE DETAIL 11/A10.10.2)
10 211	TOILET SEAT COVER DISPENSER, SURFACE MOUNTED
10 212	TOILET PAPER DISPENSER, SURFACE MOUNTED
10 215	SANITARY WIPER DISPOSAL, SURFACE MOUNTED
10 218	SURFACE MOUNTED BABY DIAPER CHANGING STATION
10 220	MIRROR
10 221	SOAP DISPENSER
10 227	PAPER TOWEL DISPENSER, RECESSED
10 244	FOLDING SHOWER SEAT
12 304	COUNTER, OPEN BELOW (SEE DETAIL 16/A10.10.4)
22 401	FLOOR DRAIN, SLOPE FLOOR TO DRAIN (SEE DETAIL 5/A10.10.3)
22 403	MOP SINK (SEE DETAIL 3/A10.10.3)
22 410	WALL MOUNTED WATER CLOSET (SEE DETAIL 25/A10.10.2)
22 420	URINAL
22 431	LAVATORY
26 502	INTERIOR LIGHT FIXTURE (SEE ELECTRICAL DWGS.)

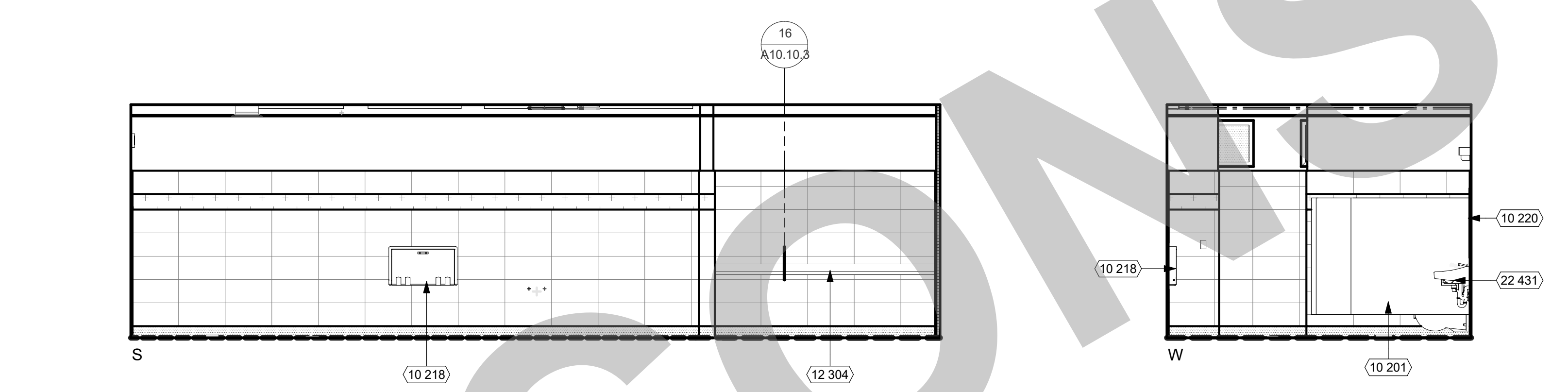
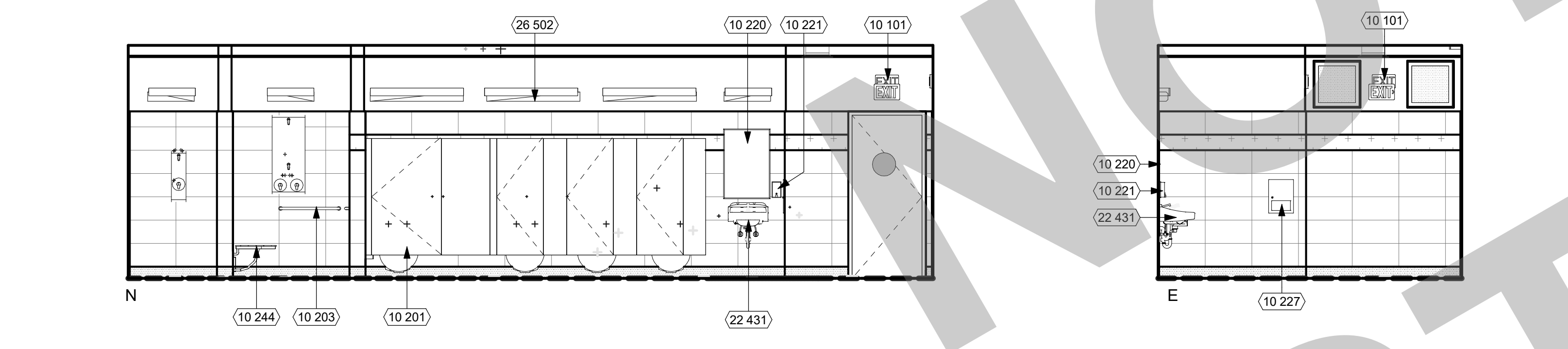
GENERAL NOTES

- 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 FACE OF WALL FINISH (F.O.F.)
 - SEE FINISH PLAN FOR INTERIOR FINISHES.
 - PROVIDE GLASSMAT BAKER BOARD AT ALL TILED WALLS AND WALLS WITHIN 48" OF ANY PLUMBING FIXTURE
 - ALL DRINKING FOUNTAIN ALCOVES TO BE FINISHED WITH WATER RESISTANT WALL MATERIAL. SEE FINISH SCHEDULE AND INTERIOR ELEVATIONS.
 - ALL FLOOR SLOPES IN RESTROOMS ARE NOT TO EXCEED 1:48 IN ANY DIRECTION.
 - FOR FLOOR DRAIN, SEE DETAIL 5 / A10.10.3 REFER TO PLUMBING PLANS FOR LOCATIONS.
 - FOR TILE PATTERN REFER TO 11 / A10.10.3
- ACCESSORIES**
- ALL RESTROOM FIXTURES AND ACCESSORIES MOUNTING HEIGHTS AND LOCATIONS TO USE ADULT DIMENSIONS
 - FOR TYPICAL RESTROOM ACCESSORY MOUNTING HEIGHTS, ACCESSIBLE DIMENSIONS, SEE SHEET A10.10.2
 - TOILET ACCESSORIES LOCATED ON OR WITHIN WALLS SHALL BE INSTALLED AND SEALED TO PROTECT STRUCTURAL ELEMENTS FROM MOISTURE (CBC SECTION 1210.2.2)
 - PLUMBING FIXTURES TO HAVE SOLID BLOCKING AS REQUIRED BY CODE, SEE DETAIL 23 / A10.10.2
 - FOR MOP SINK WITH BROOM RACK, SEE DETAIL 4 / A10.10.3
- STALLS AND PARTITIONS**
- ALL ACCESSIBLE TOILET PARTITION DOORS SHALL NOT BE LESS THAN 2'-2".
 - PARTITION STILE WIDTHS SHALL NOT EXCEED 4"
 - FOR PARTITION DETAILS, SEE DETAIL 16 / A10.10.2
 - INSTALL (1) COAT HOOK CENTERED ON THE BACK OF EVERY STALL DOOR, 40" A.F.F. AT ACCESSIBLE STALLS AND 72" A.F.F. AT NON-ACCESSIBLE STALLS. FLUSH VALVE TO BE LOCATED AT WIDE SIDE OF STALL SPACE.

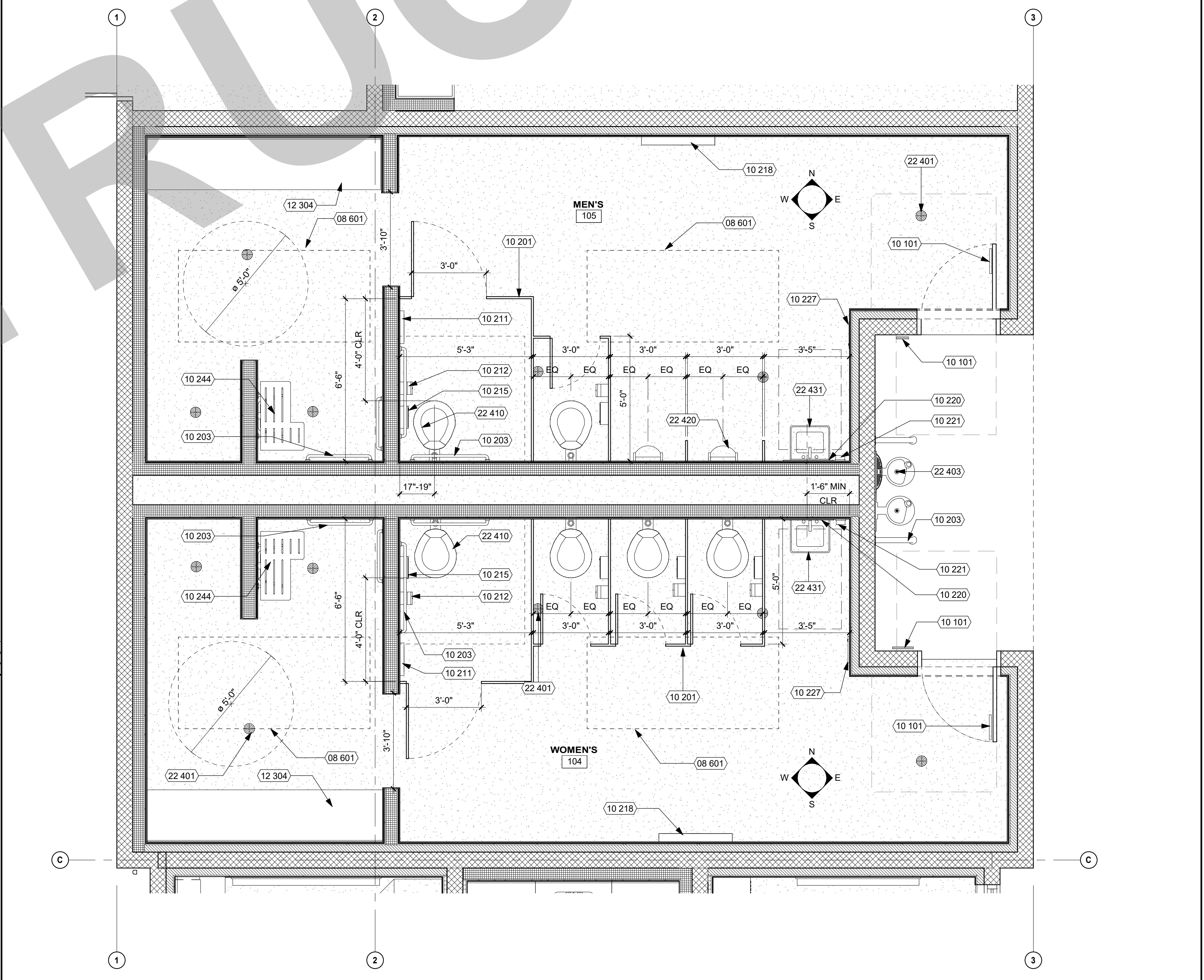
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REF: 10 / A2.2 **105 - MENS RESTROOM** 1/4" = 1'-0" 17



REF: 10 / A2.2 **104 - WOMENS RESTROOM** 1/4" = 1'-0" 19



REF: 10 / A2.2 **ENLARGED RESTROOM PLAN** 3/8" = 1'-0" 7

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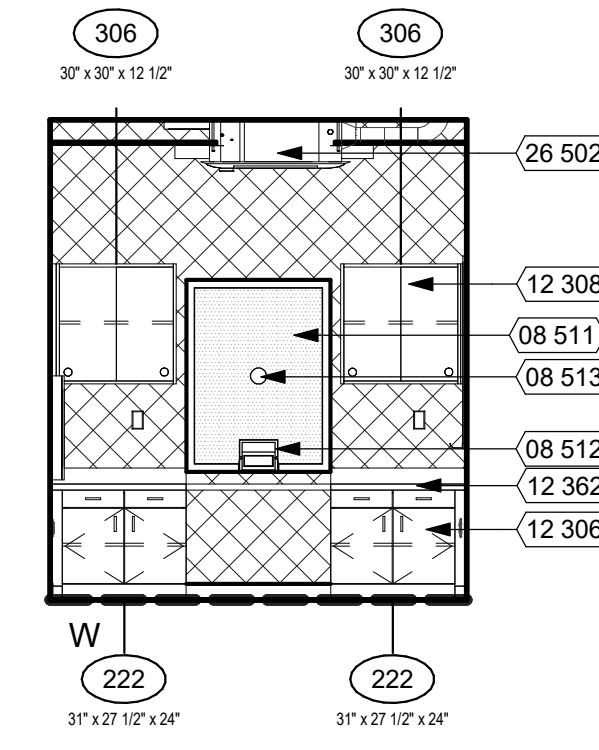
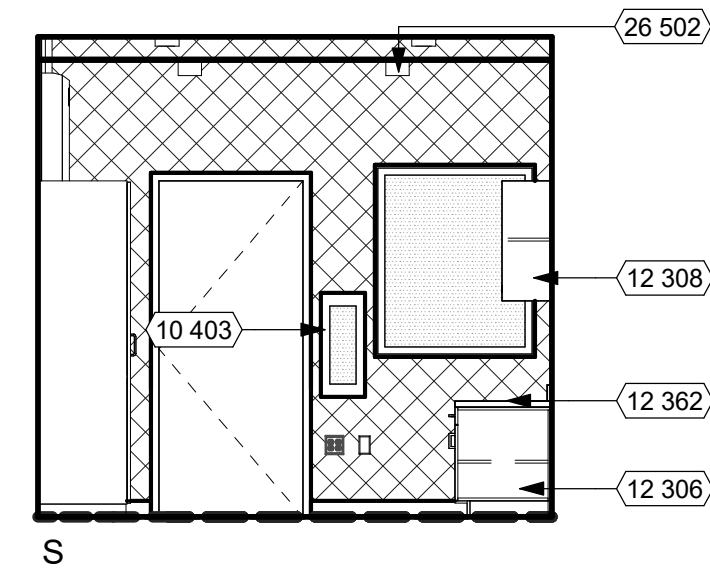
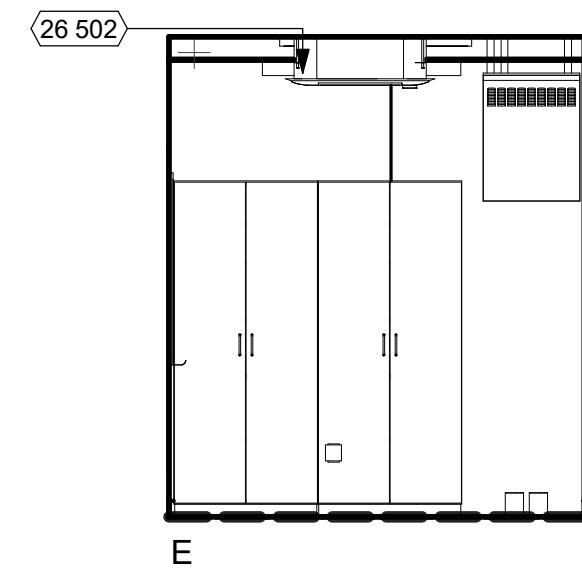
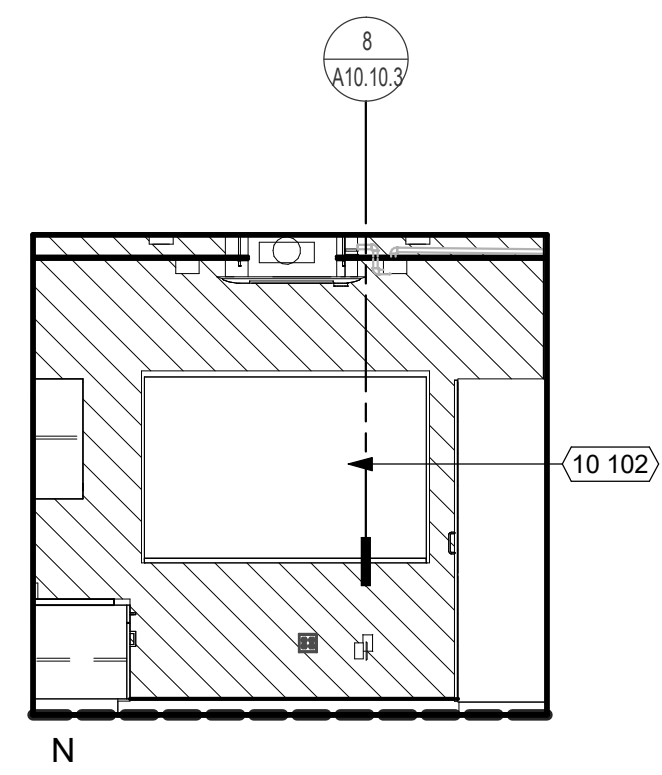
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TOILET ROOM PLANS AND ELEVATIONS

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A7.1
Drawn Author	Checked Checker

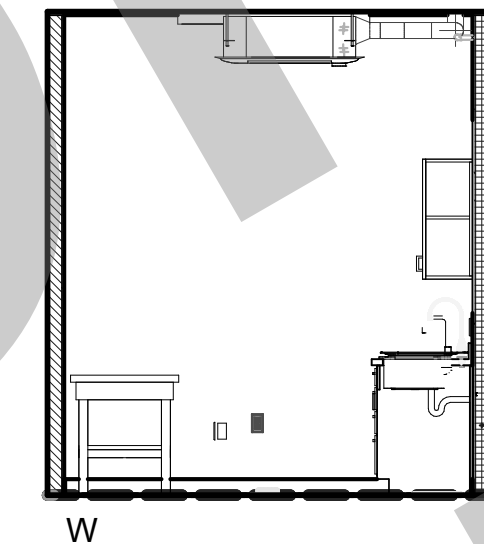
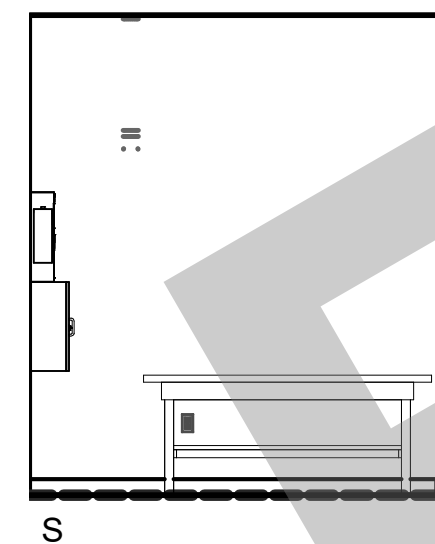
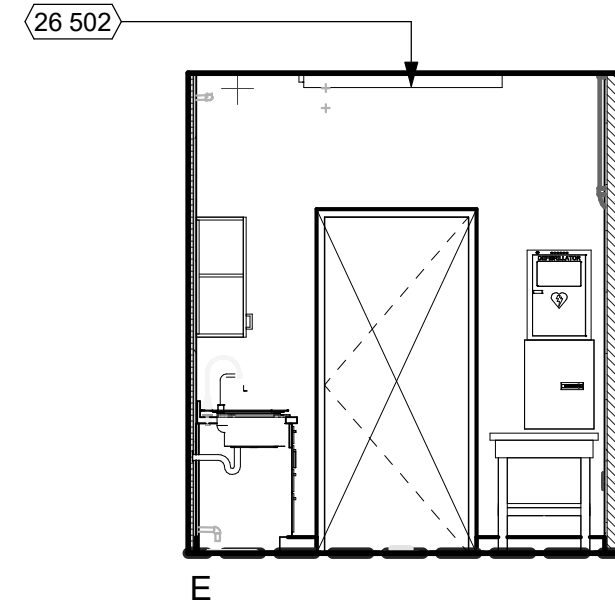
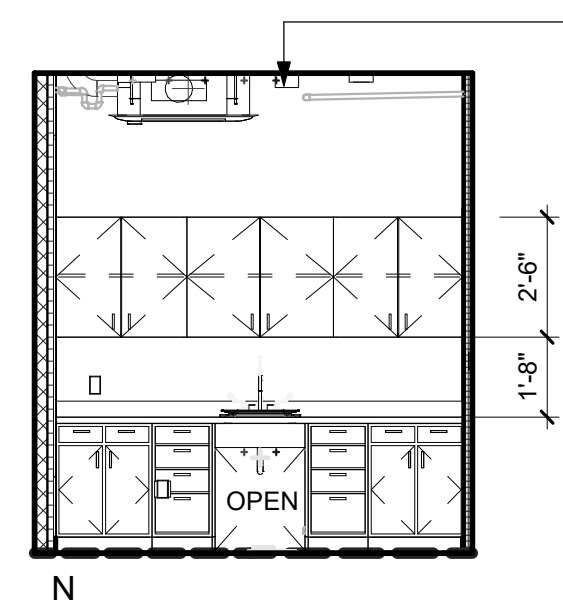
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KEYNOTES

NUMBER	NOTE
05 514	METAL GUARDRAIL (SEE DETAIL 6/MR4)
08 511	TICKET WINDOW
08 512	TRANSACTION HARDWARE
08 513	TICKET WINDOW 4" METAL COVER SPEAK THRU
08 903	TRANSOM LOUVER
10 101	ROOM ID SIGNAGE (SEE CODE ANALYSIS PLAN)
10 102	MARKER BOARD WITH TRAY AND MAP HOOKS (SEE DETAIL 10/A10.10.3)
10 402	FIRE EXTINGUISHER (2A-10B-C) IN SURFACE-MOUNTED CABINET (SEE DETAIL 1/A10.10.3)
10 403	FIRE EXTINGUISHER (2A-10B-C) IN SEMI-RECESSED CABINET (SEE DETAIL 1/A10.10.3)
12 306	BASE CABINET
12 308	UPPER CABINET (SEE DETAIL 4/A10.12)
12 362	SOLID SURFACE COUNTERTOP
26 502	INTERIOR LIGHT FIXTURE (SEE ELECTRICAL DWGS.)

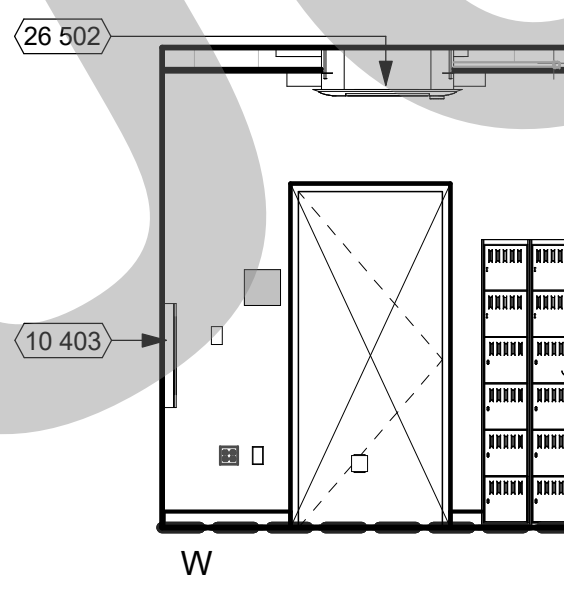
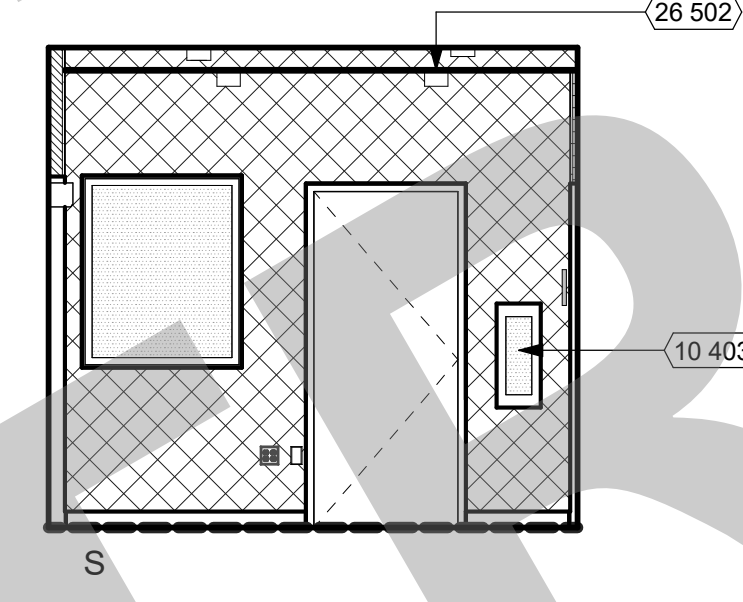
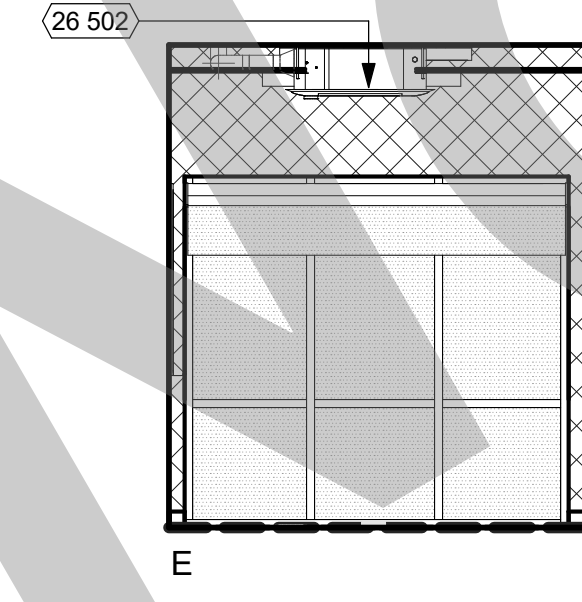
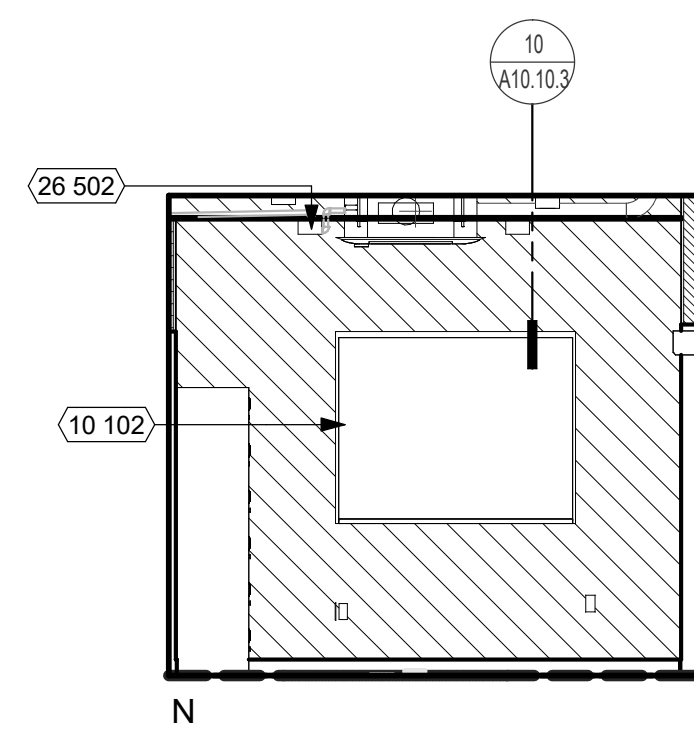
REF: 10 / A2.2 **101 TICKET BOOTH** 1/4" = 1'-0" **4**



GENERAL NOTES

- GENERAL**
- SEE ROOM FINISH SCHEDULE FOR FINISH INFORMATION AND LEGEND.
 - SEE REFLECTED CEILING PLANS FOR CEILING HEIGHTS AND FINISHES.
 - SEE FLOOR PLAN FOR WALL TYPES AND DOOR NUMBERS.
 - FOR SIGNAGE TYPES, SEE CODE ANALYSIS FLOOR PLAN.
- FINISHES**
- ALL GYPSUM BOARD CEILINGS AND SOFFITS TO BE P-1, UNLESS NOTED OTHERWISE.
 - ALL EXPOSED STRUCTURAL ROOF FRAMING TO BE PAINTED.
 - ALL ACCENT WALL PAINT TO BE TERMINATED AT EITHER INSIDE CORNER AND/OR REVEALS.
- EQUIPMENT**
- PROVIDE BACKING PLATES OR BLOCKING IN WALLS FOR ALL WALL MOUNTED EQUIPMENT SUCH AS SHELVING, MARKER BOARDS, AND DOOR STOPS. SEE DETAIL 23 / A10.10.2
 - ALL MILLWORK TO BE INSTALLED PRIOR TO CARPET (WHERE OCCURS), BUT AFTER PAINT WORK. MILLWORK SHALL BE MOUNTED TO SUB-FLOOR. FOR TYPICAL CASEWORK ANCHORAGE, SEE DETAIL 2 / A10.12
 - PROVIDE FILLER PANEL BETWEEN WALL AND CABINETS, TYP. FILLER PANELS TO BE MINIMAL.
 - ALIGN ALL CASEWORK, MARKER BOARDS AND TACKABLE SURFACE WITH TOP OF DOORS, U.O.N.
 - FOR TYPICAL RESTROOM ACCESSORY MOUNTING HEIGHTS, ACCESSIBLE DIMENSIONS, SEE DETAIL 3 / A10.10.2

REF: 10 / A2.2 **102 CUSTODIAL/ROOF ACCESS** 1/4" = 1'-0" **8**



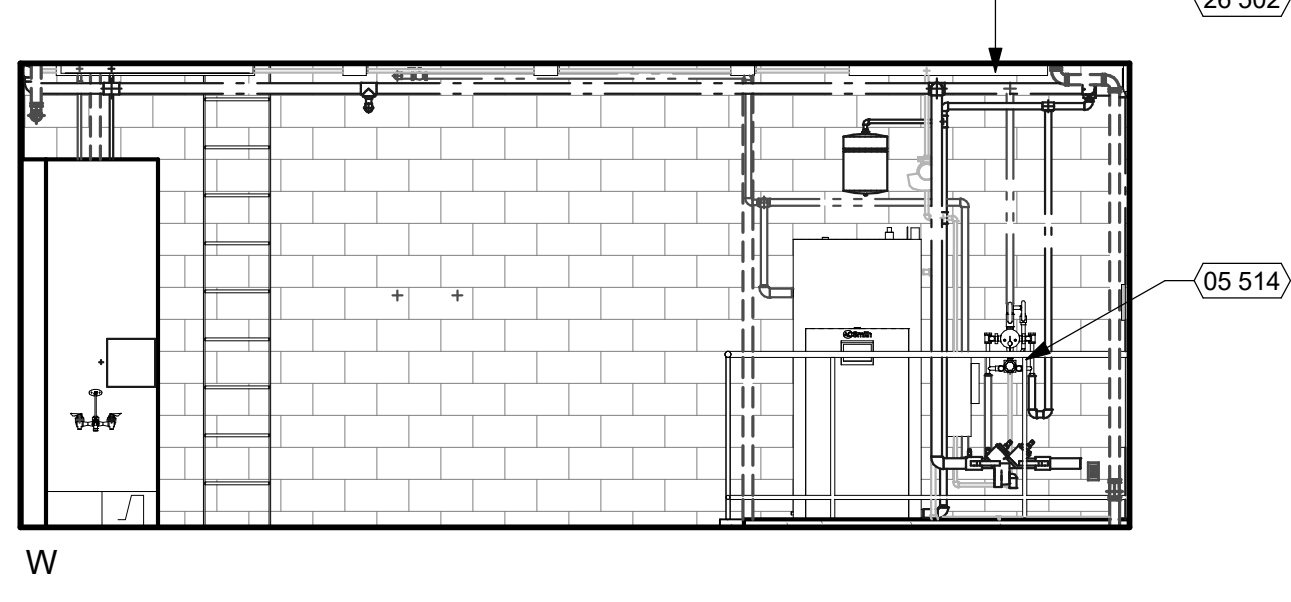
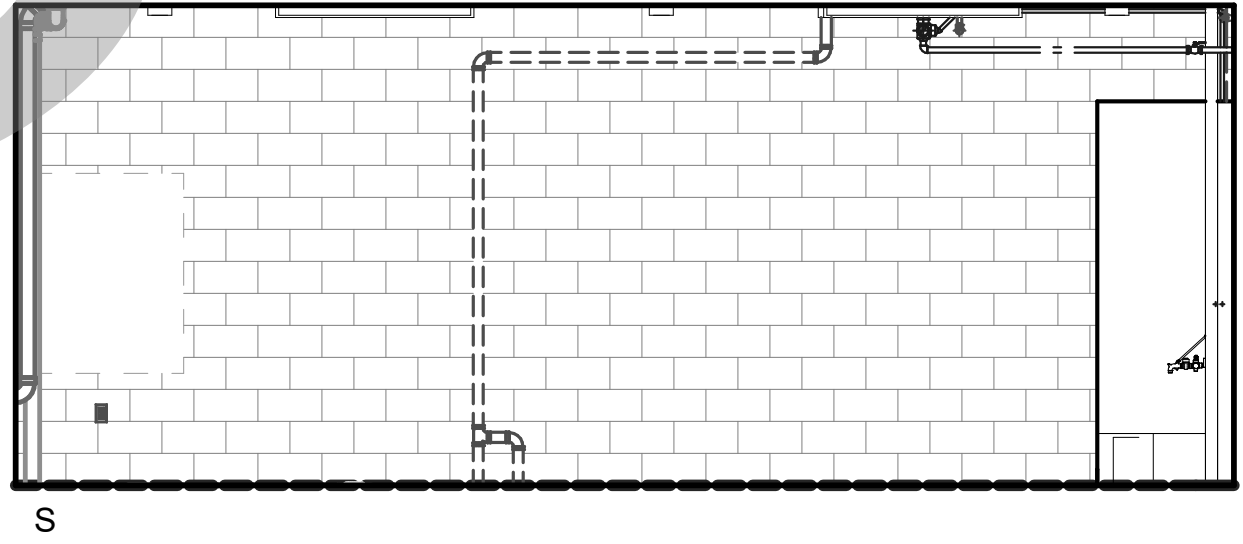
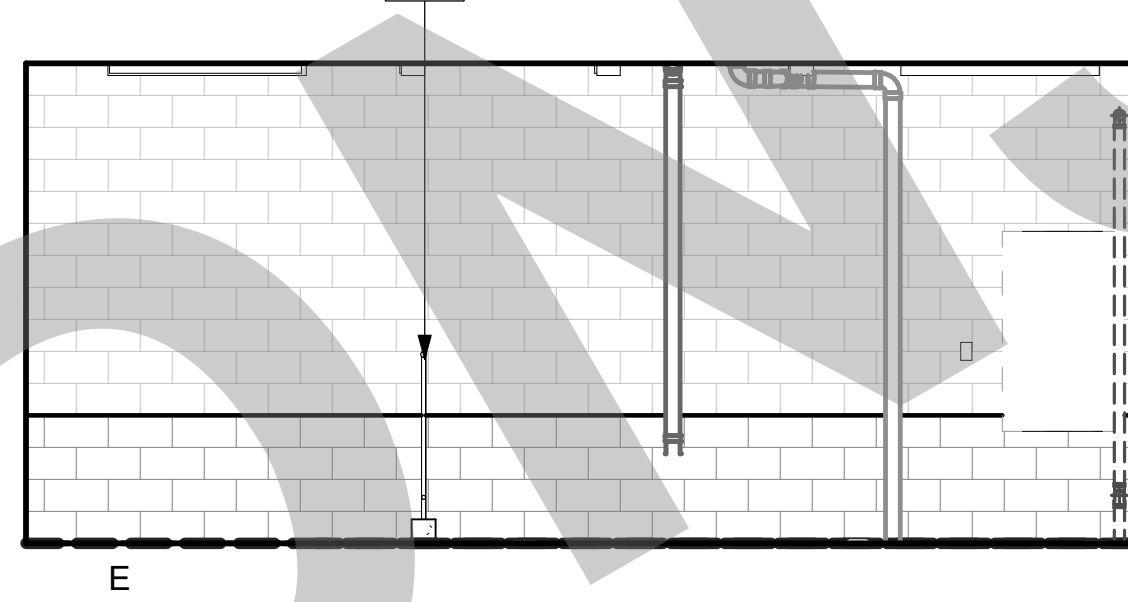
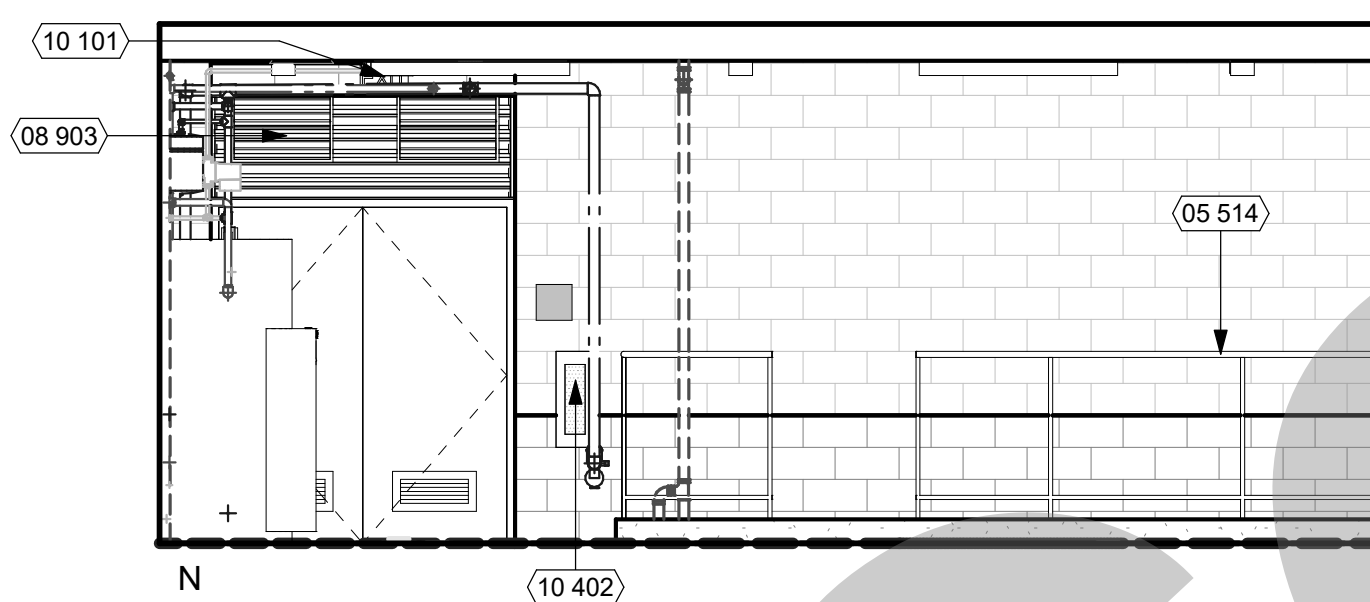
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NO.	REMARKS	DATE

REVISION HISTORY

NO.	REMARKS	DATE

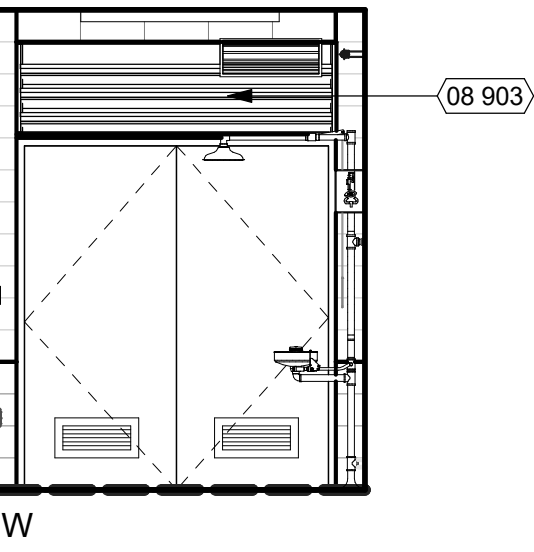
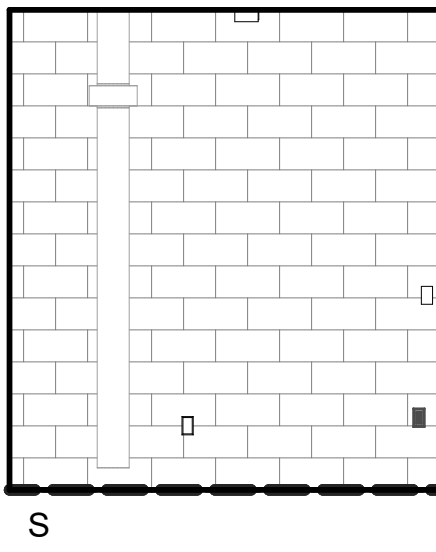
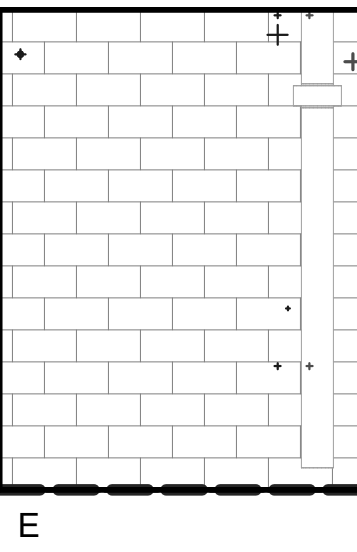
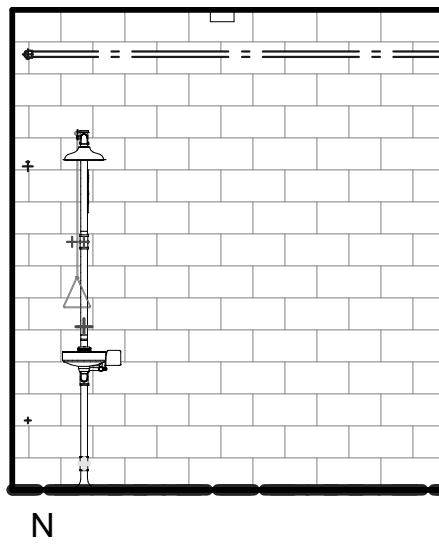
REF: 10 / A2.2 **103 LIFE GUARD OFFICE** 1/4" = 1'-0" **12**



LEGEND

- CASEWORK TAG**
 102 = ARCHITECTURAL WOODWORK STANDARD (AWS) NUMBER
 36" x 24" x 24" = WIDTH x HEIGHT x DEPTH
 LOCKABLE = MODIFYING NOTE
- NOTE: FOR BASE CABINETS, HEIGHT DOES NOT INCLUDE COUNTERTOP THICKNESS - REFER TO PLANS FOR COUNTERTOP TYPE
- FOR TYPICAL CASEWORK ANCHORAGE, SEE DETAIL 16 / A10.10.3
- CMU1 PER FINISH SCHEDULE
 - CMU2 PER FINISH SCHEDULE
 - P1 PER FINISH SCHEDULE
 - P2 PER FINISH SCHEDULE
 - ETCHED GLAZING PER WINDOW SCHEDULE

REF: 10 / A2.2 **106 FILTER ROOM** 1/4" = 1'-0" **16**



REF: 10 / A2.2 **107 CHLORINE** 1/4" = 1'-0" **20**

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KEY PLAN

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 STOCKTON, CA 95202

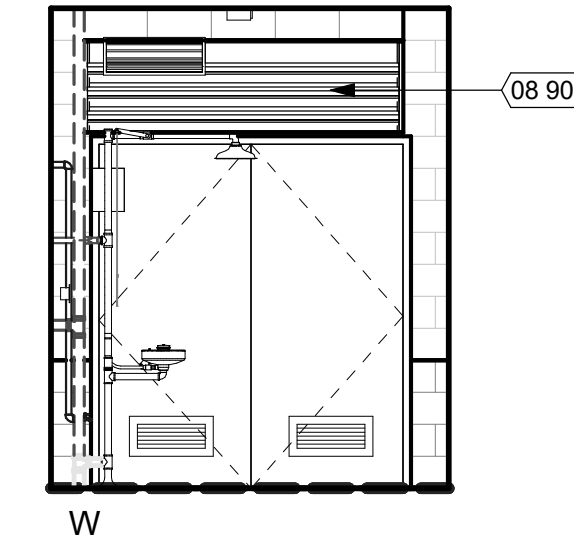
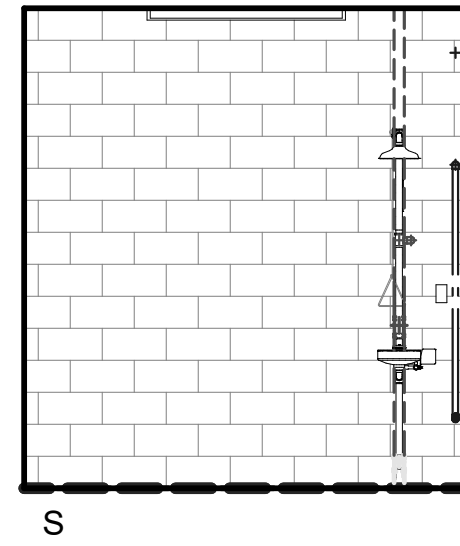
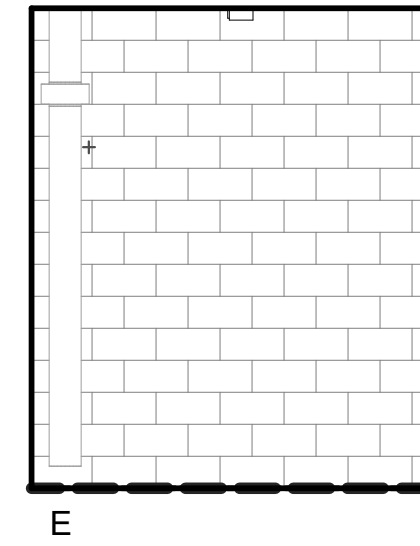
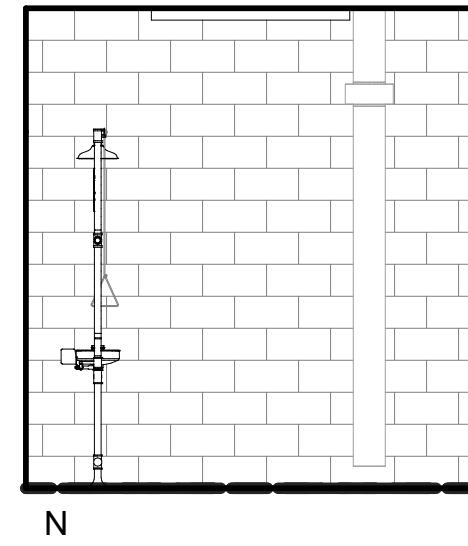
CONSTRUCTION DOCUMENTS

AQUATIC FACILITIES
 RENOVATION &
 REPLACEMENT -
 CITY PROJECT NO. CR18020
 1201 N PERSHING AVE
 STOCKTON, CA 95203

INTERIOR ELEVATIONS

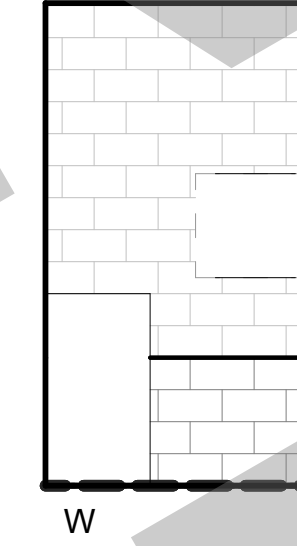
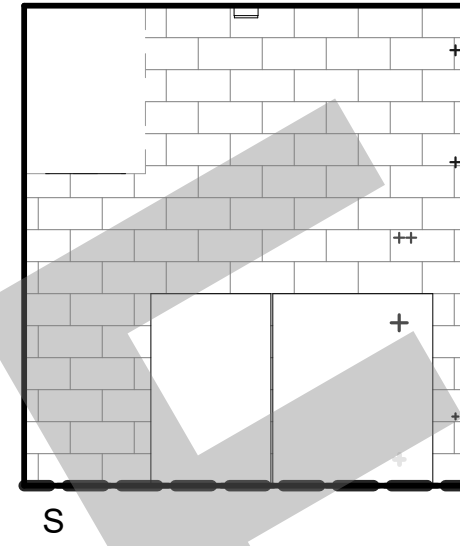
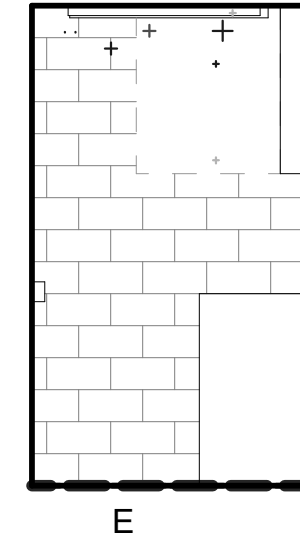
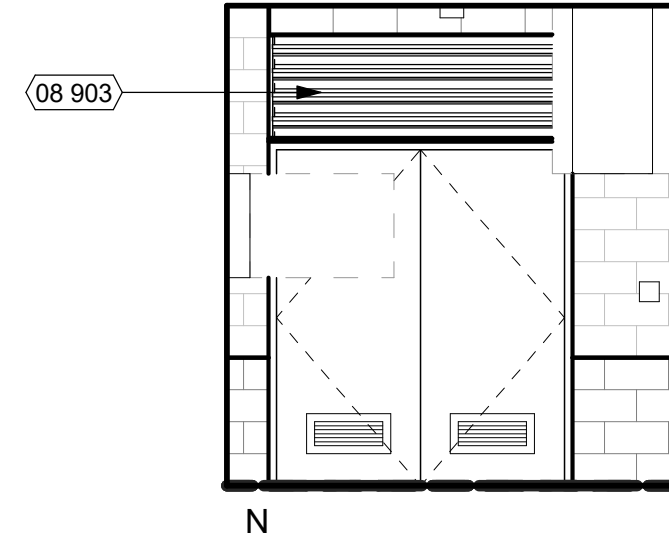
Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A8.1
Drawn Author	Checked Checker

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REF: 10 / A2.2

108 CHLORINE 1/4" = 1'-0" 4



REF: 10 / A2.2

109 ELETRICAL 1/4" = 1'-0" 8

KEYNOTES

NUMBER	NOTE
08 903	TRANSOM LOUVER

GENERAL NOTES

- GENERAL
- SEE ROOM FINISH SCHEDULE FOR FINISH INFORMATION AND LEGEND.
 - SEE REFLECTED CEILING PLANS FOR CEILING HEIGHTS AND FINISHES.
 - SEE FLOOR PLAN FOR WALL TYPES AND DOOR NUMBERS FOR SIGNAGE TYPES, SEE CODE ANALYSIS FLOOR PLAN.
 - SEE CODE ANALYSIS FLOOR PLAN.
- FINISHES
- ALL GYPSUM BOARD CEILINGS AND SOFFITS TO BE P-1, UNLESS NOTED OTHERWISE.
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LEGEND

- 102**
36" x 24" x 24"
LOCKABLE
- CASEWORK TAG
102 = ARCHITECTURAL WOODWORK STANDARD
(AWS) NUMBER
36" x 24" x 24" = WIDTH x HEIGHT x DEPTH
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- NOTE: FOR BASE CABINETS, HEIGHT DOES NOT INCLUDE COUNTERTOP THICKNESS - REFER TO PLANS FOR COUNTERTOP TYPE
- FOR TYPICAL CASEWORK ANCHORAGE, SEE DETAIL 16 / A10.10.3
- CMU1 PER FINISH SCHEDULE
 - CMU2 PER FINISH SCHEDULE
 - P1 PER FINISH SCHEDULE
 - P2 PER FINISH SCHEDULE
 - ETCHED GLAZING PER WINDOW SCHEDULE

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NO.	REMARKS	DATE

DRAWING STATUS

PLAN CHECK

BACK CHECK

BIDDING

CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

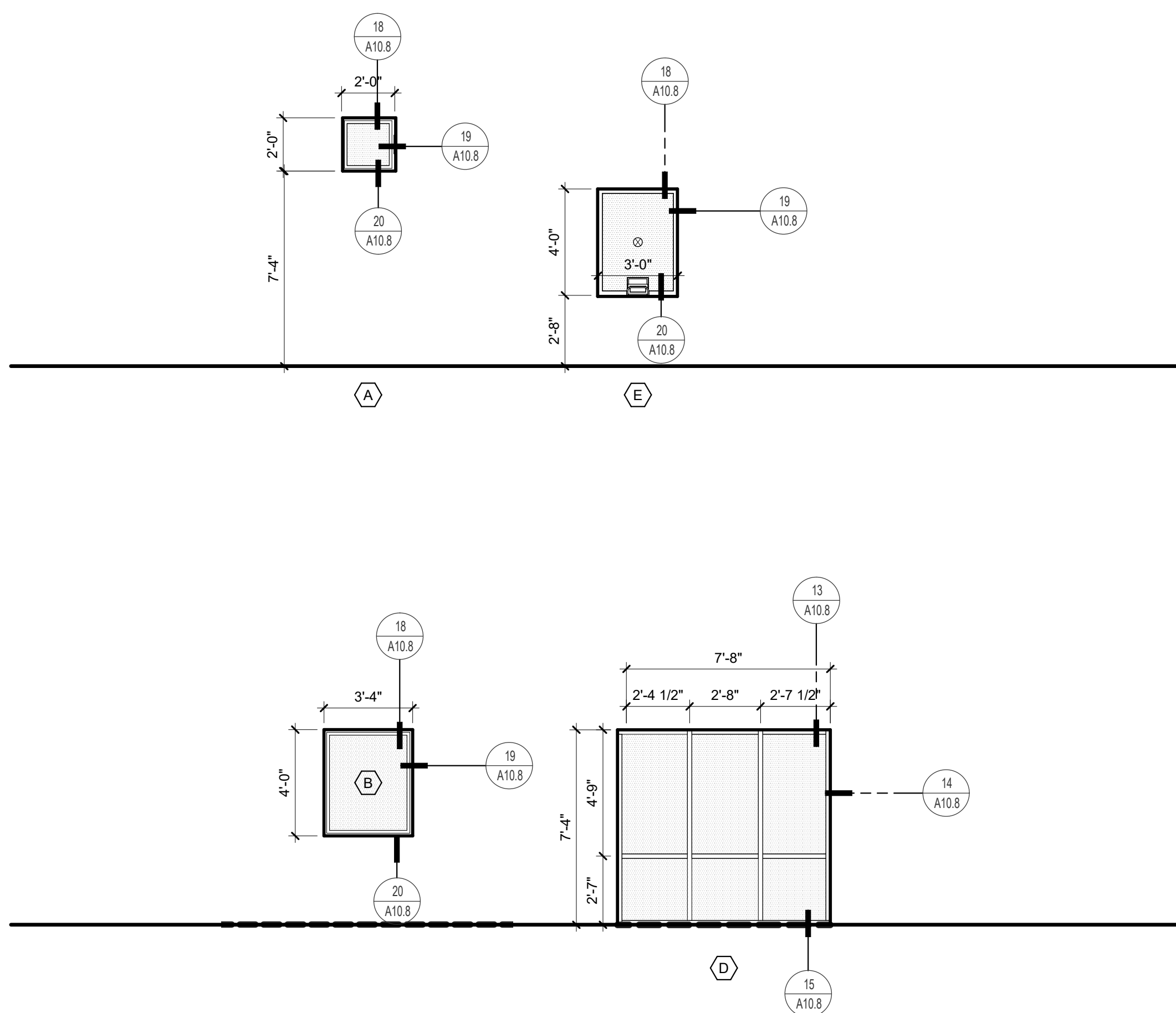
CONSTRUCTION DOCUMENTS

AQUATIC FACILITIES
RENOVATION &
REPLACEMENT -
CITY PROJECT NO. CR18020
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STOCKTON, CA 95203

INTERIOR ELEVATIONS

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A8.2
Drawn Author	Checked Checker

WINDOW TYPES



DOOR SCHEDULE

Table with columns: MARK, DOOR, HDW, FRAME, COMMENTS. Includes sub-columns for size, material, finish, core, glass, rating, louver, group, panics, closer, int. lock, type, mtl, finish, glass, head, jamb, threshold, other.

GENERAL NOTES

- MATERIALS AND FINISHES
1. MATERIALS, FINISHES AND INSTALLATION OF PRODUCTS REFERENCED IN THE DOOR SCHEDULE SHALL BE IN ACCORDANCE WITH REQUIREMENTS SPECIFIED IN THE RESPECTIVE PRODUCT SECTIONS IN THE PROJECT MANUAL.

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- GLAZING
1. GLASS TYPES REFERENCED IN DOOR SCHEDULE ARE SPECIFIED IN SECTION 051000. ALL GLAZING TO BE TEMPERED. SAFETY GLAZING TO COMPLY WITH CBC SECTION 2406.
FIRE RATED DOORS
1. AT RATED DOORS, PROVIDE ASSEMBLY PER CBC 716.5 WITH GLAZING PER 2022 CBC 716.5.8 COMPLYING WITH NFPA 80 AND WITH MAX. TESTING SIZE PER NFPA 202.

WINDOW GENERAL NOTES

- GENERAL
1. REFERENCE OF WINDOWS ARE MADE ON THE FLOOR PLANS, TYP.
2. ALL WINDOWS SHALL BE RATED STC 35 MINIMUM.
3. SAFETY GLAZING SHALL COMPLY WITH CBC SECTION 2406.
4. AT OPERABLE WINDOWS, PROVIDE LIMITER DEVICE TO STOP WINDOW FROM PROTRUDING MORE THAN 4" INTO SPACE BELOW 80 INCHES A.F.F. WHEN OPENED.

WINDOW ABBREVIATIONS

- FRAME FINISH:
P PAINTED
PC POWDER COATED
FF FACTORY FINISH
GLAZING TYPE (SEE SPECIFICATION SECTION 08 00 00):
CL CLEAR LAMINATED
DG DUAL GLAZING, 1" THICK INSULATED UNIT
(2) 1/4" GLAZING PANES WITH AIR GAP

GATE SCHEDULE

Table with columns: MARK, GATE, HDW, FRAME, COMMENTS. Includes sub-columns for size, material, finish, core, glass, rating, louver, group, panics, closer, int. lock, type, mtl, finish, glass, head, jamb, threshold, other.

- GENERAL NOTES
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- DRAWING STATUS
PLAN CHECK
BACK CHECK
BIDDING
CONSTRUCTION

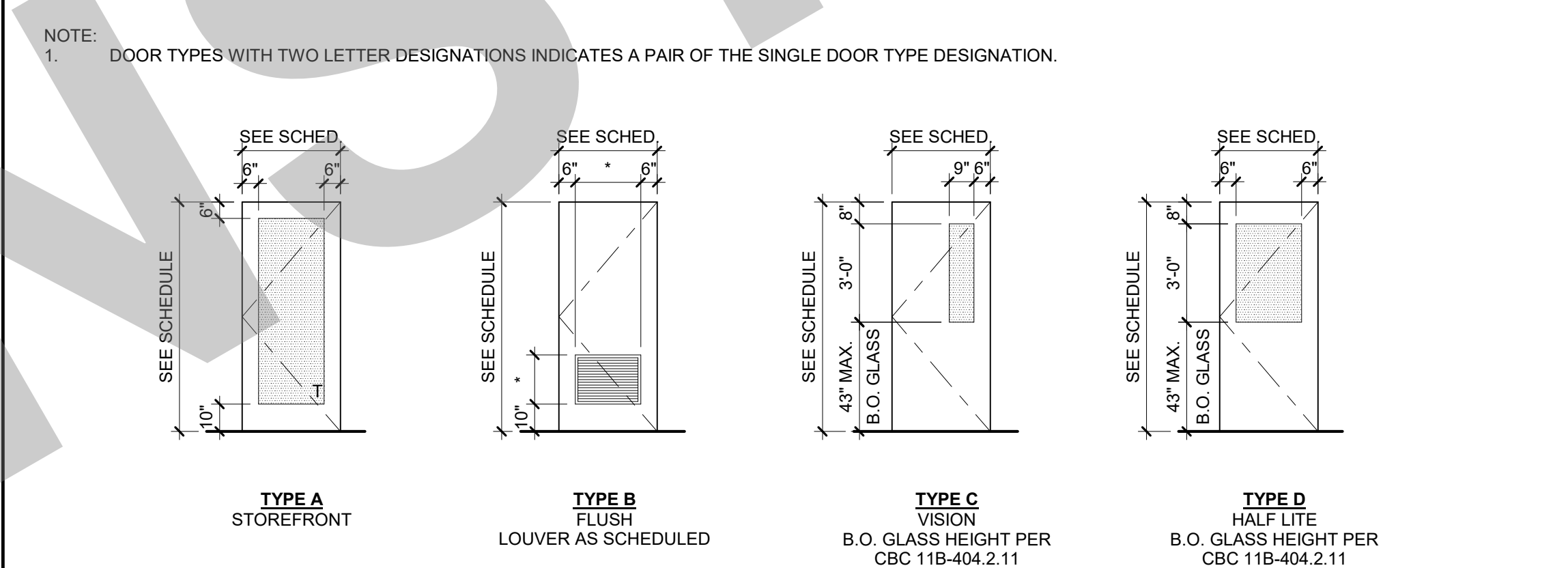
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CL CLEAR LAMINATED
DG DUAL GLAZING, 1" THICK INSULATED UNIT
(2) 1/4" GLAZING PANES WITH AIR GAP

DOOR TYPES



DOOR ABBREVIATIONS

- CORE:
GL GLASS
INSUL INSULATED
SC SOLID CORE
SCWD SOLID CORE WOOD
DOOR PANEL FINISH:
FF FACTORY FINISH
P3 PAINTED - SEE FINISH SCHEDULE
DOOR FRAME FINISH:
FF FACTORY FINISH
P3 PAINTED - SEE FINISH SCHEDULE

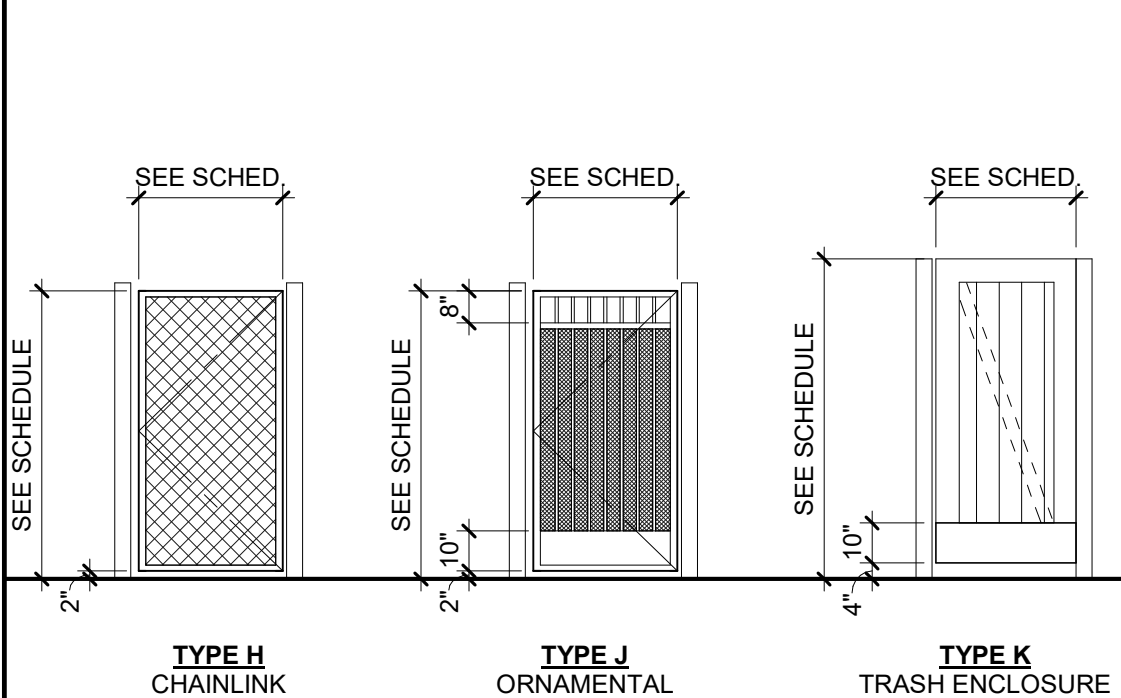
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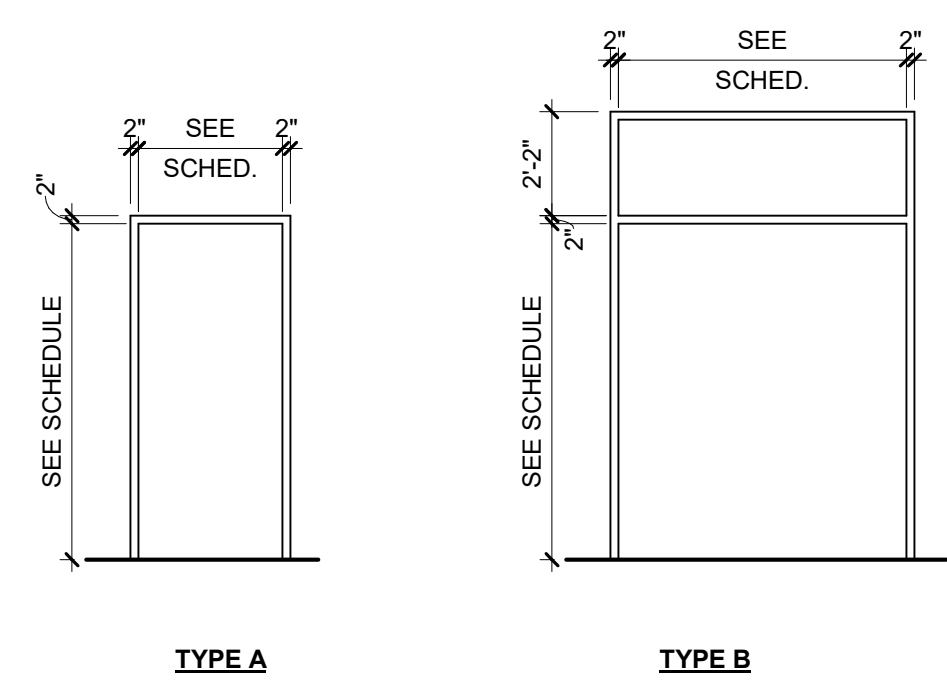
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GATE TYPES



DOOR FRAME TYPES



KEY PLAN

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STOCKTON, CA 95202

CONSTRUCTION DOCUMENTS

AQUATIC FACILITIES
RENOVATION &
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DOOR AND WINDOW SCHEDULE

Table with columns: Date, Project Number, Application Number, Drawing Number, Author, Checked, Checker. Includes large text 'A9.1'.

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ROOM FINISH SCHEDULE												
NO.	ROOM NAME	FLOOR		WALLS				CASEWORK			CEILING	COMMENTS
		MATERIAL	BASE	NORTH (N)	EAST (E)	SOUTH (S)	WEST (W)	WAINSCOT	BASE	UPPER		
101	TICKET BOOTH	EC	RB	P2	P1	P1	P1	-	PL	PL	SS	P4
102	FIRST AID	EC	RB	P1	P1	P1	P1	-	-	-	-	NC
103	LIFEGUARD OFFICE	EC	RB	P2	P1	P1	P1	-	-	-	-	P4
104	WOMEN'S	EPX	EPX	T1/T2/T3	T4	T1/T2/T3	T1/T2/T3	-	-	-	SS	P4
105	MEN'S	EPX	EPX	T1/T2/T3	T4	T1/T2/T3	T1/T2/T3	-	-	-	SS	P4
106	FILTER ROOM	EC	RB	CMU2	CMU2	CMU2	CMU2	CMU1	-	-	-	NC
107	CHLORINE	EC	RB	CMU2	CMU2	CMU2	CMU2	CMU1	-	-	-	NC
108	CHLORINE	EC	RB	CMU2	CMU2	CMU2	CMU2	CMU1	-	-	-	NC
109	ELECTRICAL	EC	RB	CMU2	CMU2	CMU2	CMU2	CMU1	-	-	-	NC
110	PUMP PIT	EC	RB	CMU2	CMU2	CMU2	CMU2	CMU1	-	-	-	NC
P-200	POOL	-	-	-	-	-	-	-	-	-	-	REFER TO POOL DRAWING FOR FINISHES
P-201	SPRAYGROUND	-	-	-	-	-	-	-	-	-	-	REFER TO POOL DRAWING FOR FINISHES

GENERAL NOTES

GENERAL

- ALL INTERIOR CORNERS TO HAVE CORNER GUARDS INSTALLED PER DETAIL 6 / A10.10.9
- ALL FINISHES SHALL COMPLY WITH CBC CHAPTERS 3-8 & 10 AND TITLE 19 C.C.R.
- PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT ALL RESTROOMS, MOP SINK AREAS AND WALLS ADJACENT TO ANY SINK OR DRINKING FOUNTAIN WHERE GYPSUM BOARD IS SCHEDULED
- DO NOT INSTALL MOISTURE RESISTANT GYPSUM BOARD AT CEILING PLANES.

TILING

- THINSET CERAMIC WALL TILE OVER STUD FRAMING TO BE OVER 5/8" MOISTURE RESISTANT GYPSUM BOARD.
- ALL TILE CORNERS TO HAVE TRIM PER DETAIL 15 / A10.10.3
- CERAMIC TILE AT FLOORS OVER DEPRESSED SLABS AND WITH FLOOR DRAINS SHALL BE FULL SET.

PAINTING

- ALL INTERIOR WALLS AND CEILINGS TO RECEIVE LEVEL 5 FINISH PER SPECIFICATIONS.
- ALL ROOMS TO RECEIVE EGG-SHELL SHEEN EXCEPT AT RESTROOMS AND KITCHENS WHICH SHALL RECEIVE SEMI-GLOSS SHEEN.
- EXTERIOR WALL FINISHES TO RECEIVE FLAT SHEEN, U.O.N.
- EXTERIOR STEEL, HM FRAMES AND METAL FLASHINGS TO RECEIVE SEMI-GLOSS SHEEN.

BASE MATERIAL LEGEND

SYMBOL	MATERIAL	BASIS OF DESIGN MANUFACTURER	STYLE/COLOR
EPX	6" EPOXY COVED BASE	DUR-A-FLEX	DUR-A-QUARTZ Q11-24
RB	4" RUBBER BASE	ROPPE	174 SMOKE
RC	8" ROLLED CONCRETE BASE	SEE SPECS	

CEILING MATERIAL LEGEND

SYMBOL	MATERIAL	BASIS OF DESIGN MANUFACTURER	STYLE/COLOR
MS	METAL SOFFIT	(INSERT)	(INSERT)
NC	NO CEILING, PAINT P4 U.O.N.	DUNN-EDWARDS	WHITE DEW 380
P4	SEMI-GLOSS PAINT	DUNN-EDWARDS	WHITE DEW 380

FLOOR MATERIAL LEGEND

SYMBOL	MATERIAL	BASIS OF DESIGN MANUFACTURER	STYLE/COLOR
T1	PROCELAIN TILE	DALTILE	ELITE GREY 2X2
EC	EXPOSED AND SEALED CONCRETE	SEE SPECS	CLEAR SEALER
EPX	EPOXY	DUR-A-FLEX	DUR-A-QUARTZ Q11-24
PVR	CONCRETE PAVERS	BELGARD	MELVILLE PLANK VICTORIAN (STOCKTON)

SHADE MATERIAL LEGEND

SYMBOL	MATERIAL	BASIS OF DESIGN MANUFACTURER	STYLE/COLOR
SH	FABRIC SHADES	MECHO	SOHO ELAVATE/CHARCOAL 6212

CASEWORK MATERIAL LEGEND

SYMBOL	MATERIAL	BASIS OF DESIGN MANUFACTURER	STYLE/COLOR
PL	PLASTIC LAMINATE	FORMICA	CERUSE GRAY WALNUT - 6994
SS	SOLID SURFACE COUNTERTOP	CORIAN	SPARKLING GRANITA

WALL MATERIAL LEGEND

SYMBOL	MATERIAL	BASIS OF DESIGN MANUFACTURER	STYLE/COLOR
CMU1	SEALED CLEAR FINISH	ORCO	PRECISION - NATURAL GRAY MW
CMU2	SLEAED CLEAR FINISH	ORCO	PRECISION - LADERA RED MW
FRP1	FIBERGLASS REINFORCED PANELS WITH ALUMINUM TRIM	MARLITE	PEBBLED FRP P 199 BRIGHT WHITE
G1	GROUT	CUSTOM BUILDING PRODUCTS	#640 ARCTIC WHITE
P1	PAINT	DUNN EDWARDS	WHISPHER DEW340
P2	PAINT	DUNN EDWARDS	VEILED SPOTLIGHT DE6324
P3	PAINT	DUNN EDWARDS	ANCHOR GRAY DE6328
P4	PAINT	DUNN EDWARDS	WHITE DEW380
T1	CERMAIC TILE	DALTILE	FABRIC ART - MIDNIGHT BUE 12X24
T2	CERAMIC TILE	DALTILE	FABRIC ART - MODERN LINEAR WHITE 12X24
T3	CERAMIC TILE	DALTILE	FABRIC ART - WHITE ASH PRISM MK71 12X24
T4	CERAMIC TILE	DALTILE	AESTHETIC - GEOMETRIC AS24 12X36
T5	CERAMIC TILE ACCENT	DALTILE	CAPRICE - CONTRAST F169 5/8 8"
TP	TOILET PARTITIONS	ASI	CHARCOAL 9237

APPROVAL STAMP

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REVISION HISTORY

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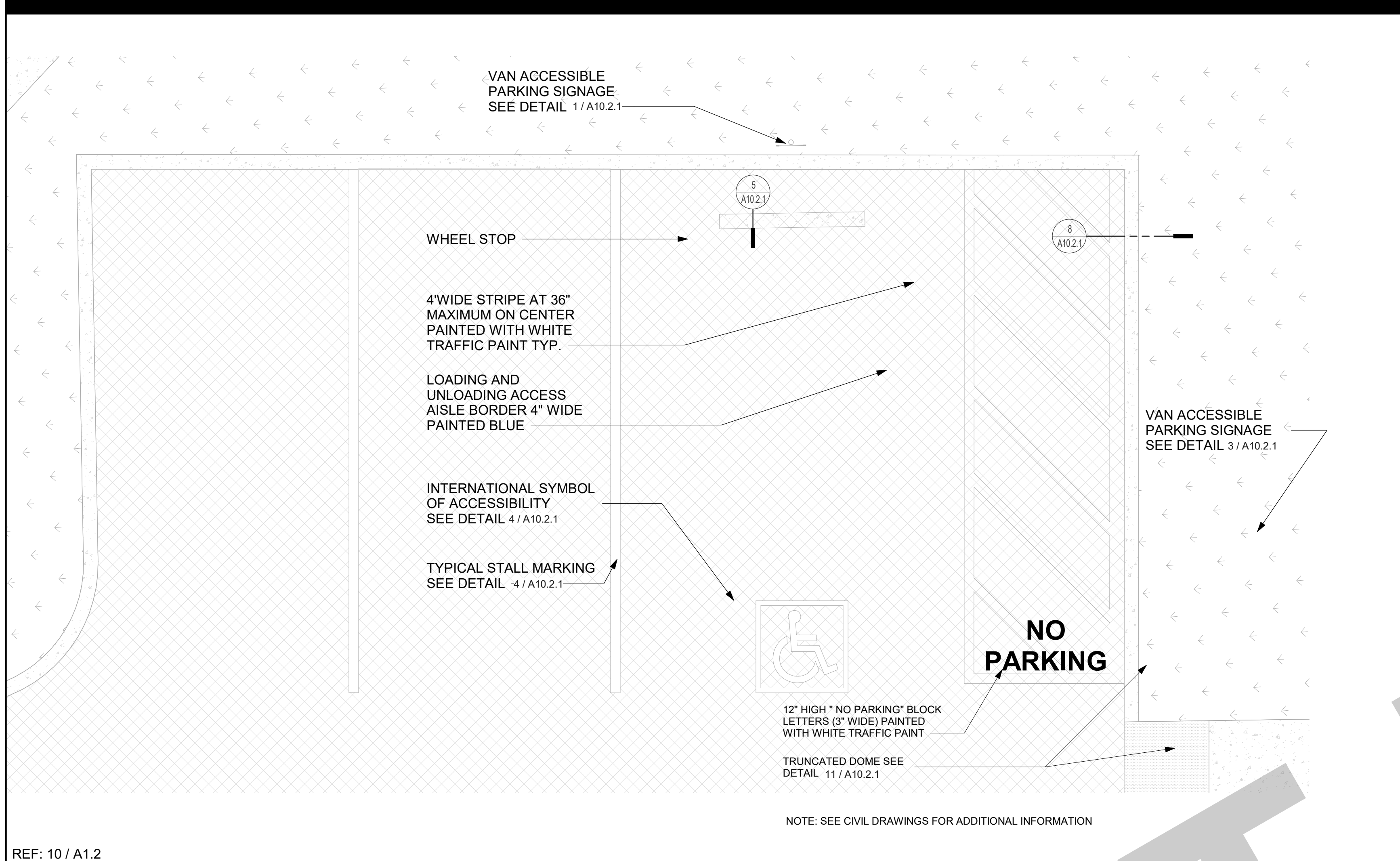
CITY OF STOCKTON
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 STOCKTON, CA 95202

CONSTRUCTION DOCUMENTS

AQUATIC FACILITIES RENOVATION & REPLACEMENT - CITY PROJECT NO. CR18020
 1201 N PERSHING AVE
 STOCKTON, CA 95203

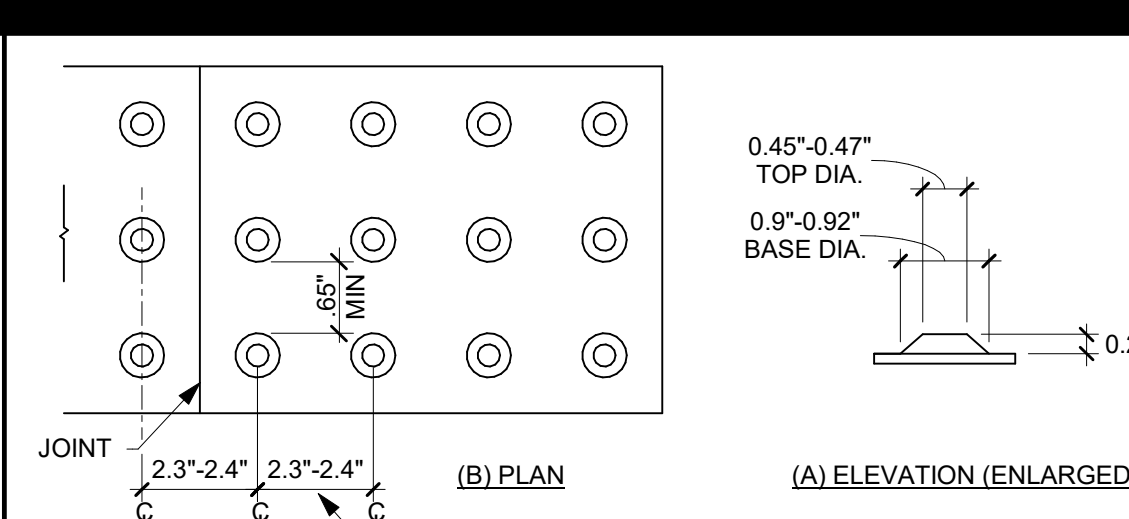
ROOM FINISH SCHEDULE

Date: 07/17/2023 Project Number: 22009
 Application Number: XX-XXXXXX Drawing Number: A9.3
 Drawn: Author Checked: Checker



REF: 10 / A1.2

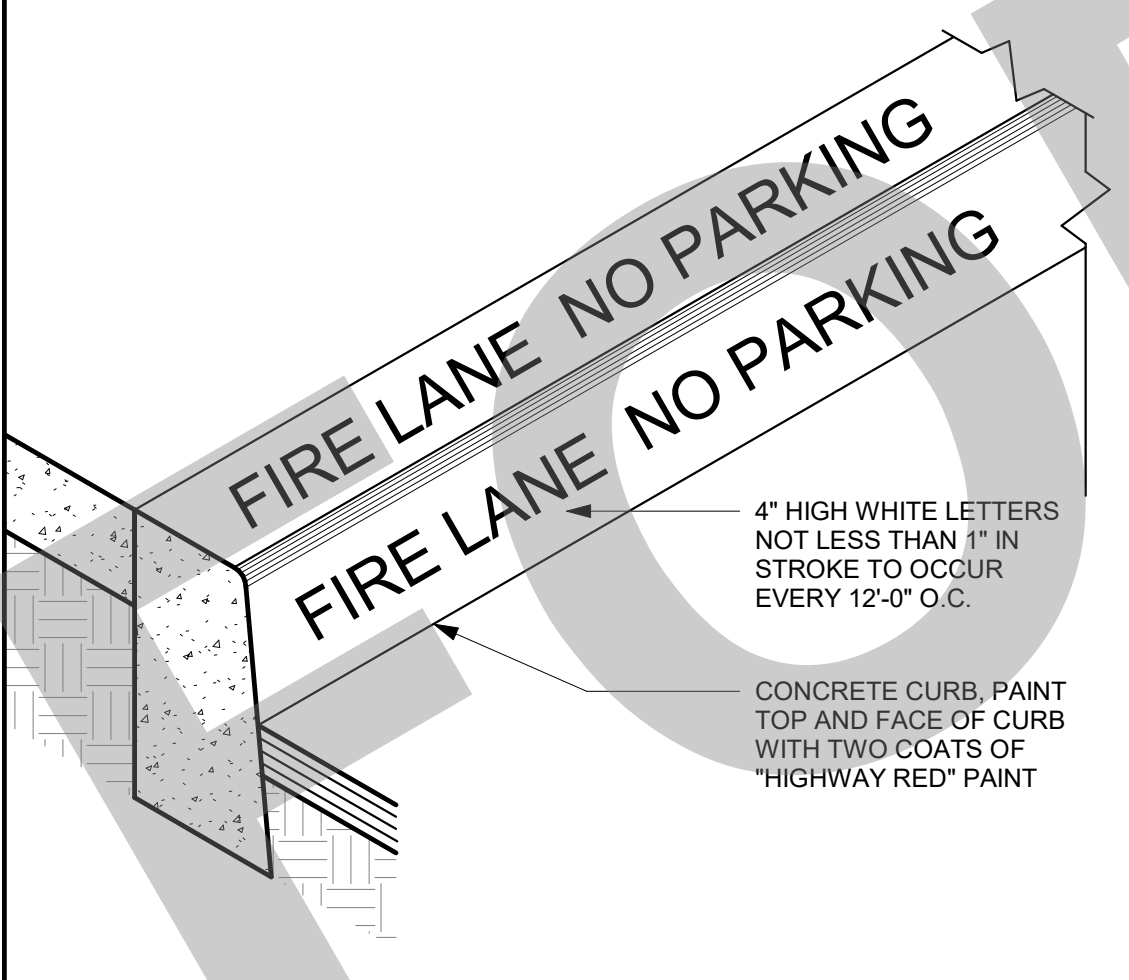
ENLARGED SITE PLAN AT ACCESSIBLE PARKING 3/8" = 1'-0" 17



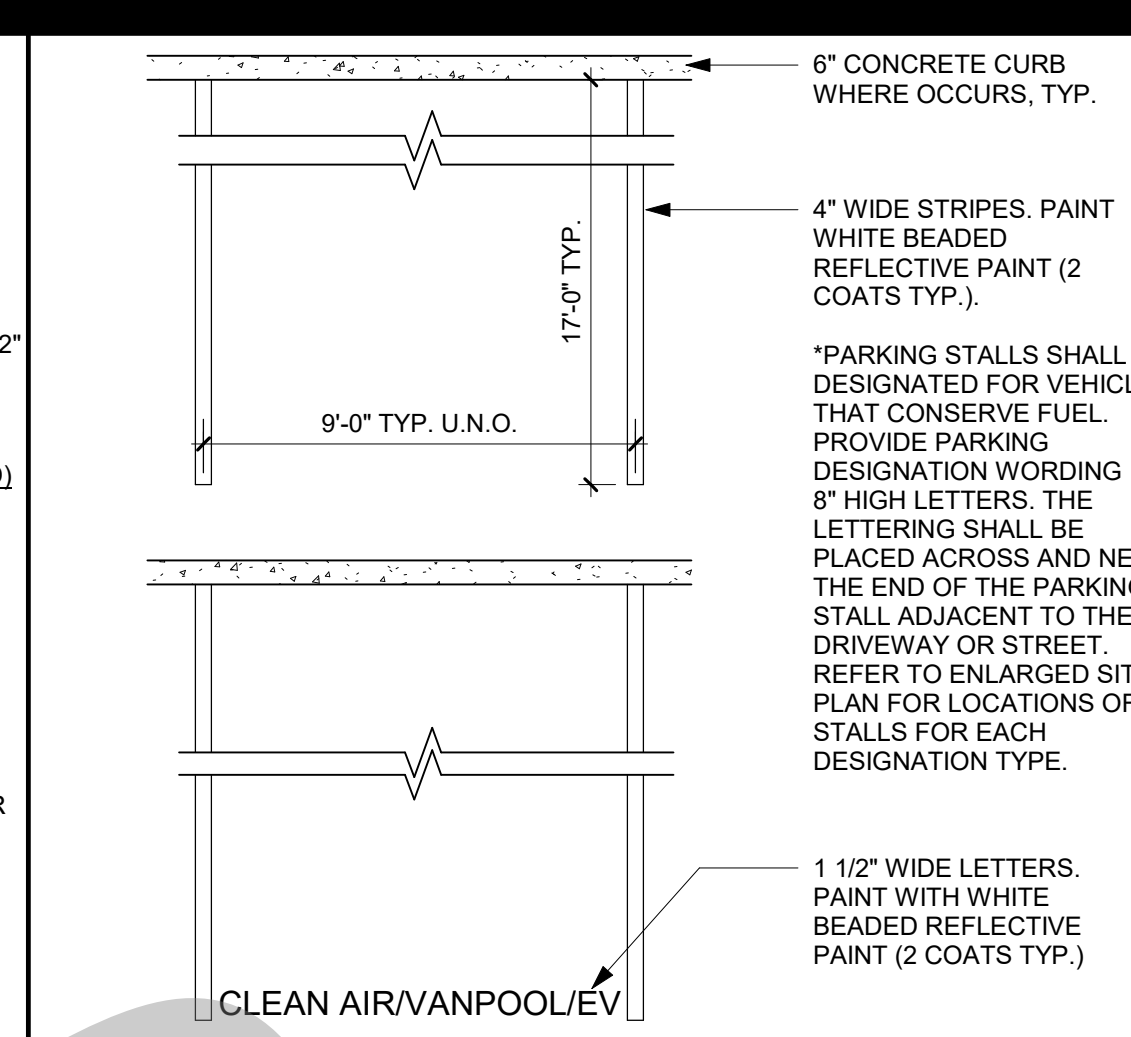
DETECTABLE WARNINGS:

- HAZARDOUS VEHICULAR AREAS** DETECTABLE WARNINGS AT HAZARDOUS VEHICULAR AREAS SHALL BE 36 INCHES IN WIDTH.
- ONLY APPROVED DSA-AG DETECTABLE WARNING PRODUCTS** AND DIRECTIONAL SURFACES SHALL BE INSTALLED PER THE CALIFORNIA CODE OF REGULATIONS (CCR), TITLE 24, PART 1, CH 5, ARTICLES 2.3 & 4. REFER TO CCR TITLE 24, PART 12, SEC 12.11B.705 FOR BLDG/FACILITY ACCESS SPECS FOR PRODUCT APPROVAL FOR DETECTABLE WARNING PRODUCTS/DIRECTIONAL SURFACES.
- COLOR AND CONTRAST** THE MATL USED TO PROVIDE VISUAL CONTRAST SHALL BE AN INTEGRAL PART OF THE SURFACE. WARNING SURFACES SHALL BE YELLOW AND APPROX. FS 33538 OF FEDERAL STD 595C OR SHALL PROVIDE A 70% MIN VISUAL CONTRAST W/ ADJ. WALKING SURFACES. (HAZARDOUS VEHICULAR AREAS SHALL ONLY ALLOW YELLOW, LISTED ABOVE)

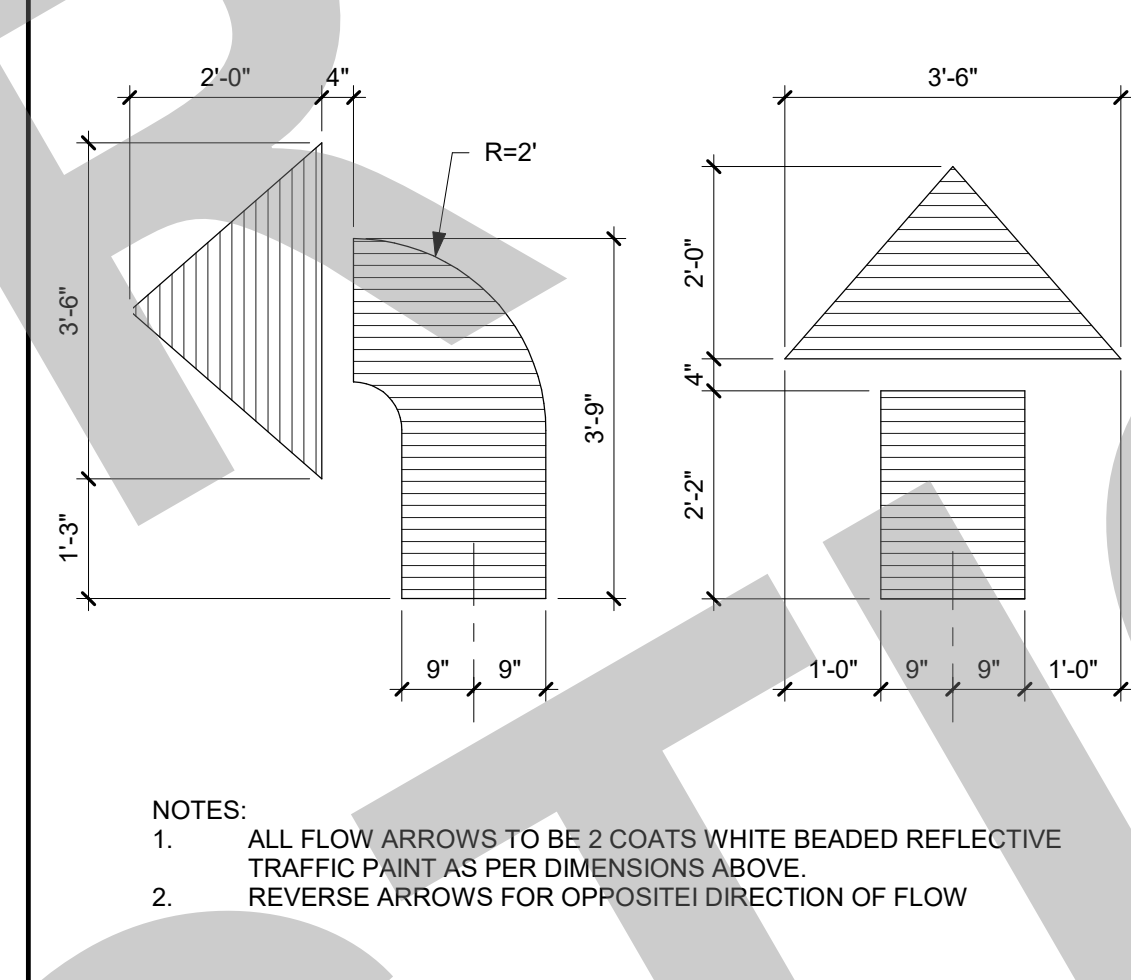
TRUNCATED DOMES 1/4" = 1'-0" 11



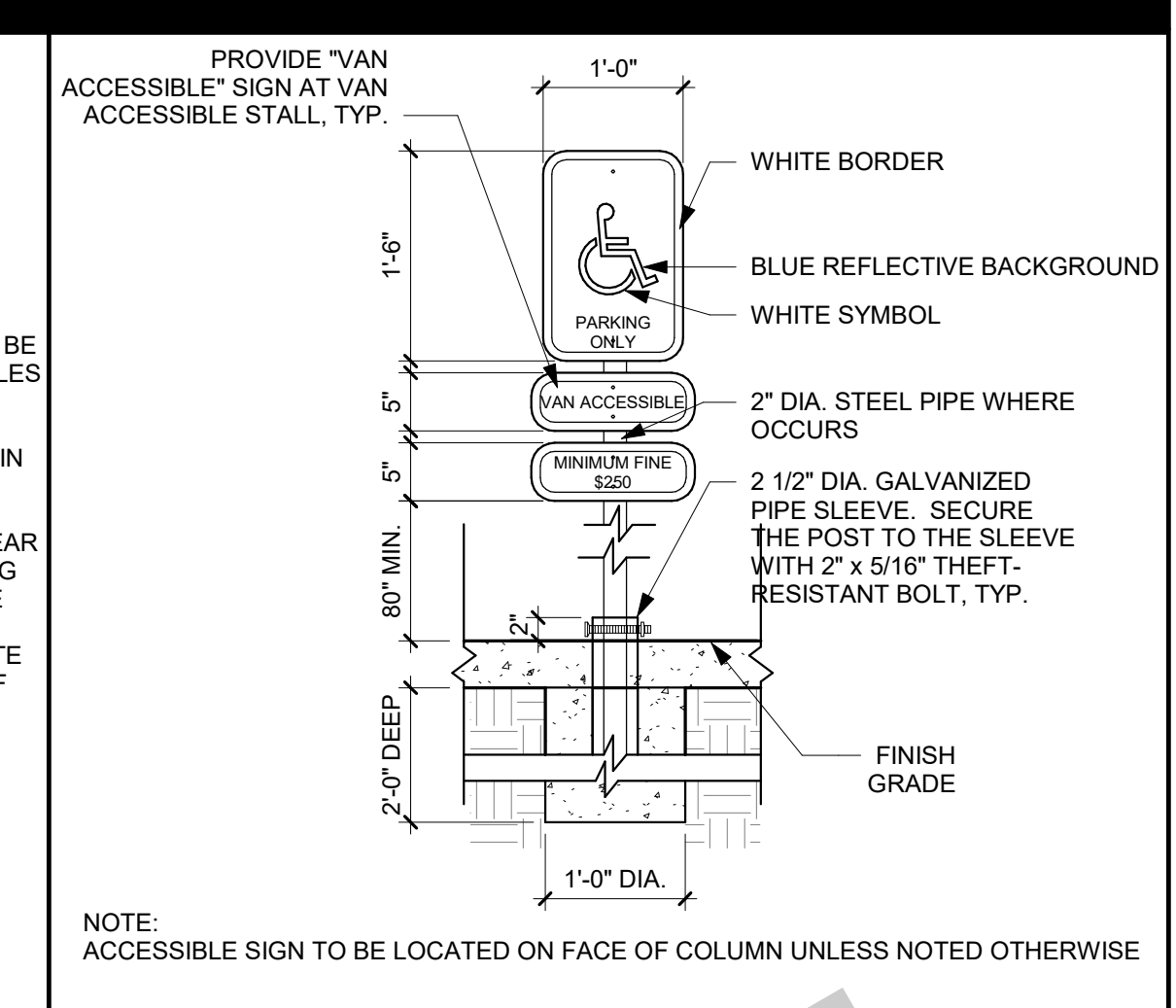
FIRE LANE MARKING 1 1/2" = 1'-0" 12



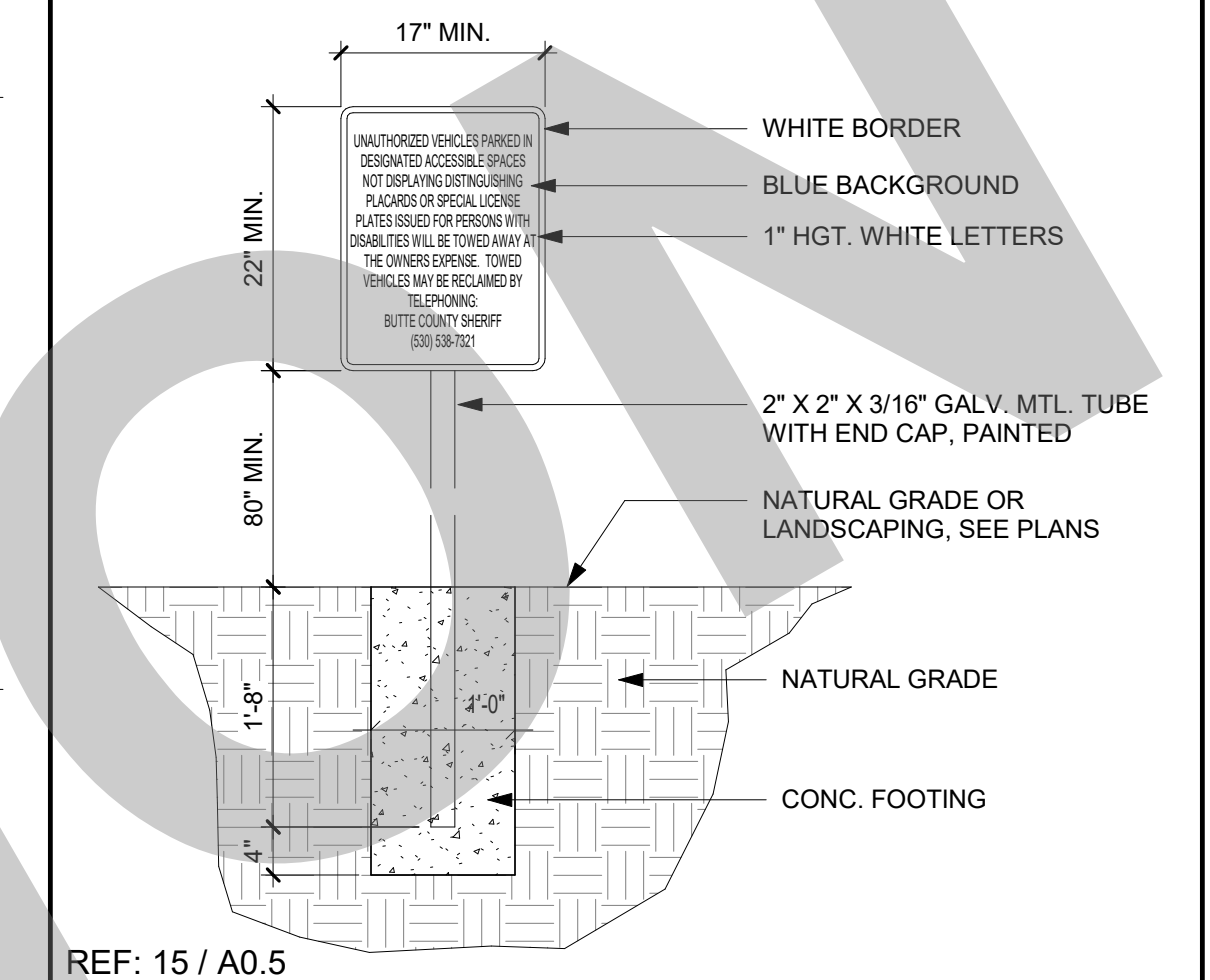
TYPICAL STALL MARKING 1/4" = 1'-0" 6



DIRECTIONAL ARROWS 1/2" = 1'-0" 7



ACCESSIBLE STALL SIGNAGE 3/4" = 1'-0" 1



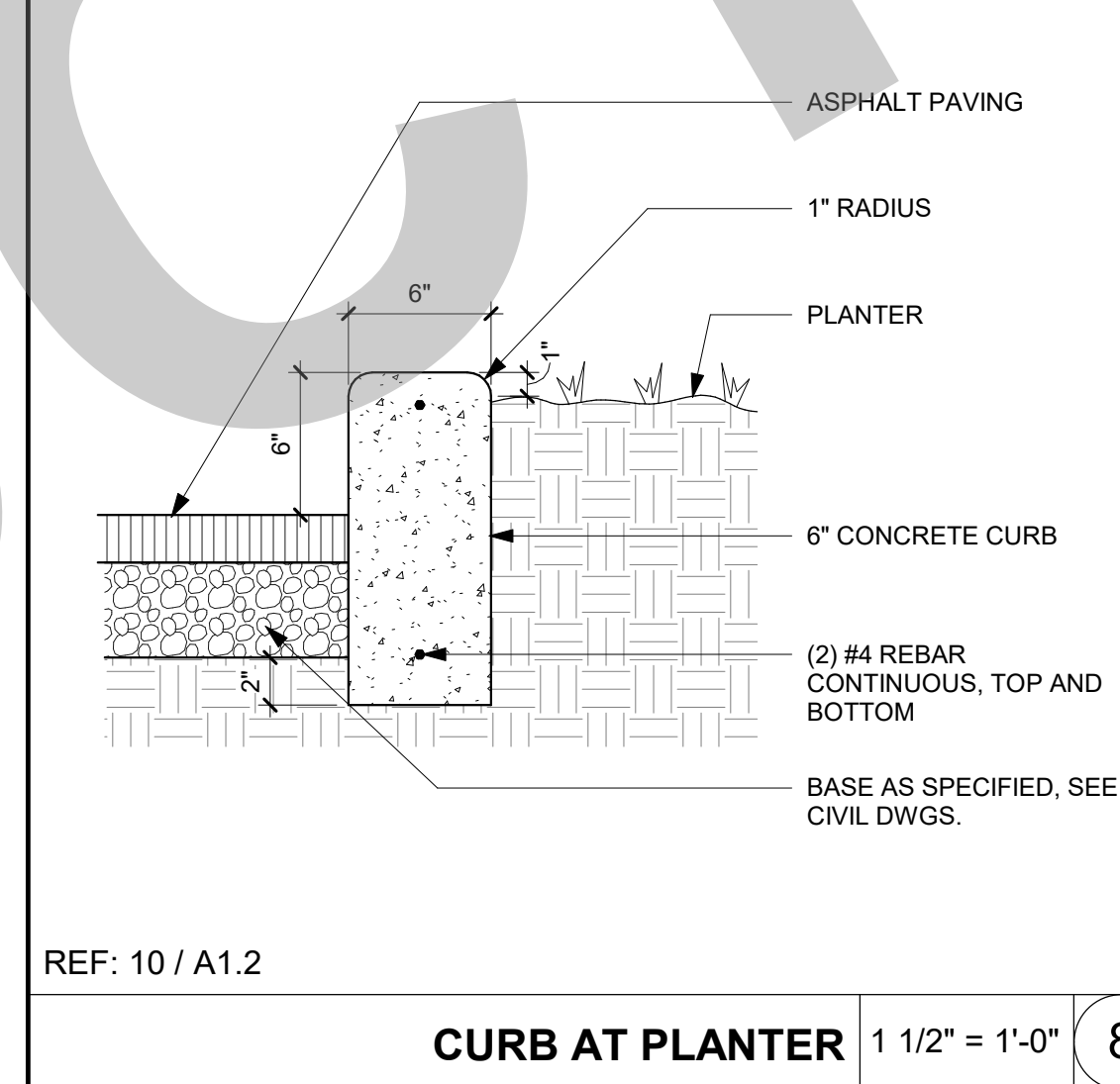
TOW AWAY SIGN 3/4" = 1'-0" 2



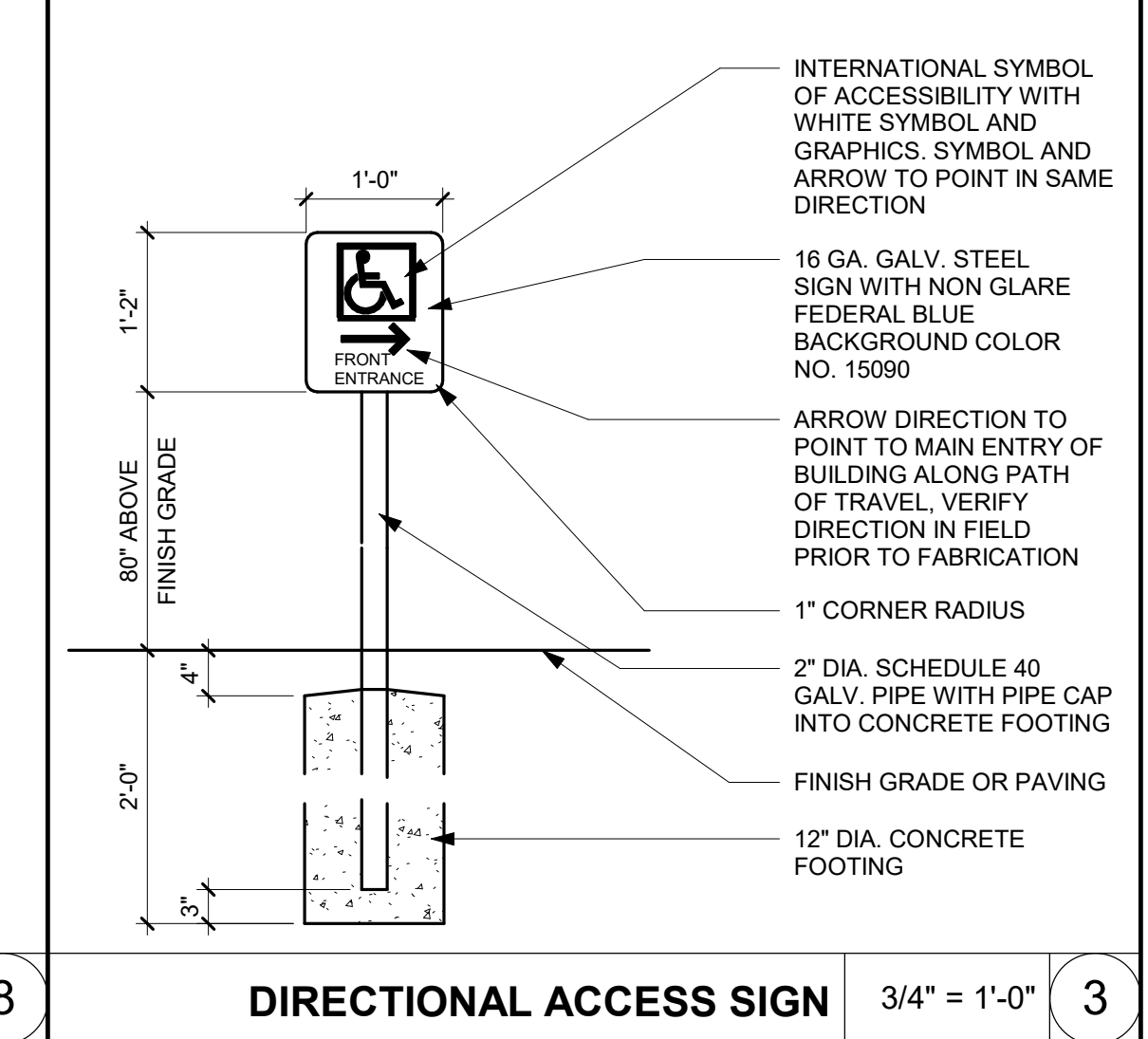
CURB AT PLANTER 1 1/2" = 1'-0" 8



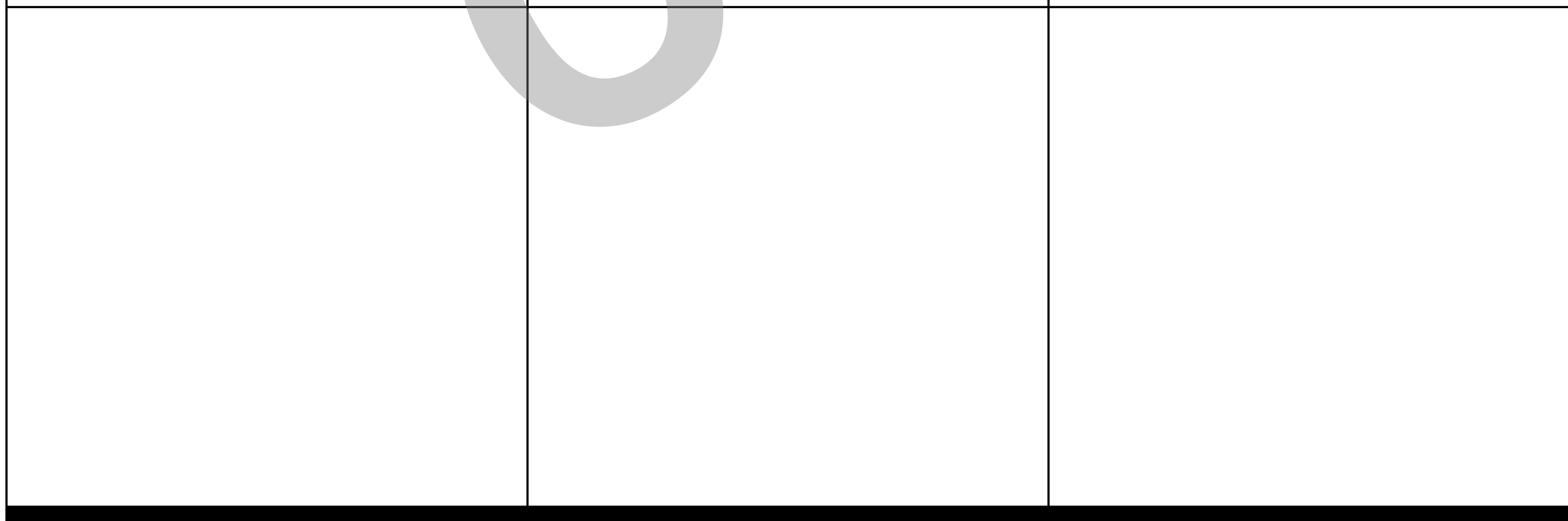
SIDEWALK AT PLANTER 1 1/2" = 1'-0" 9



CONCRETE TRANSITION 1 1/2" = 1'-0" 10



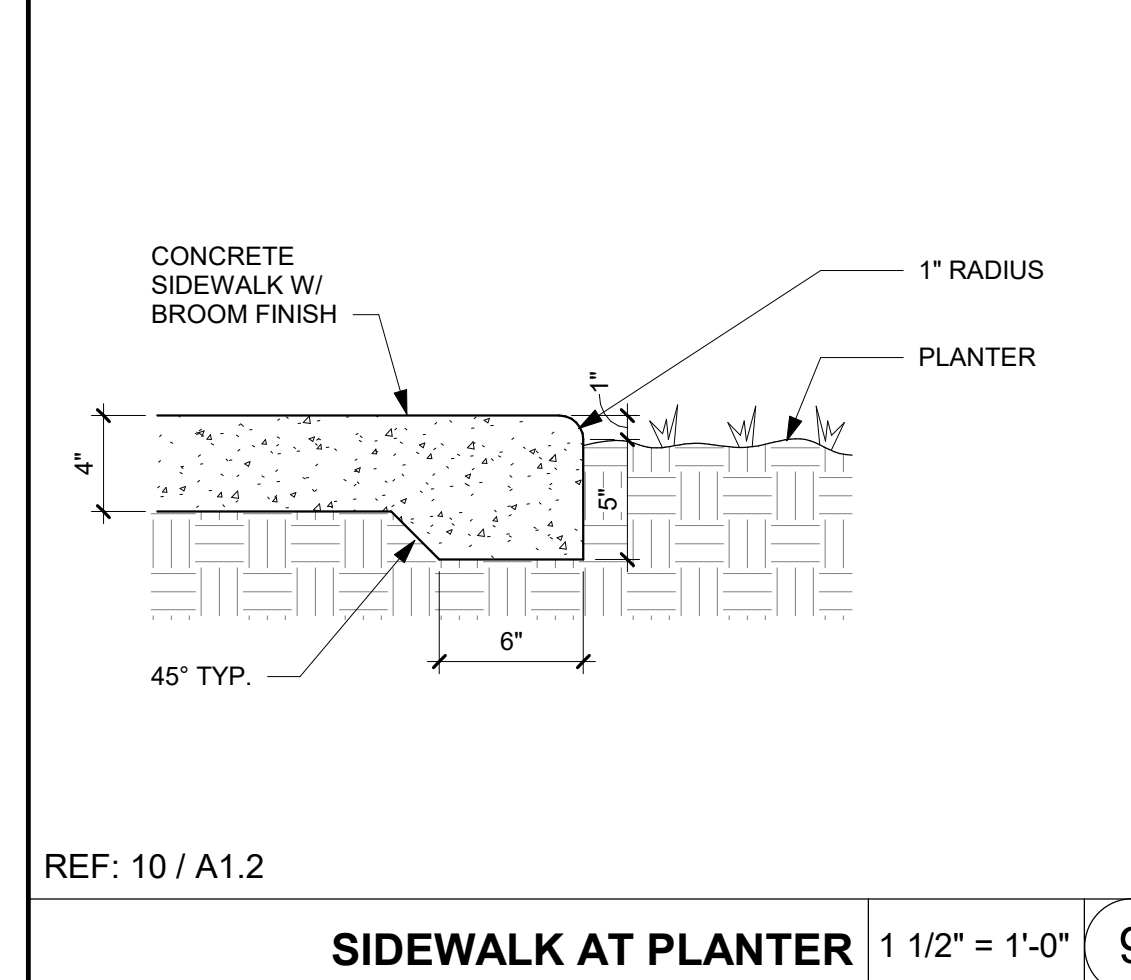
DIRECTIONAL ACCESS SIGN 3/4" = 1'-0" 3



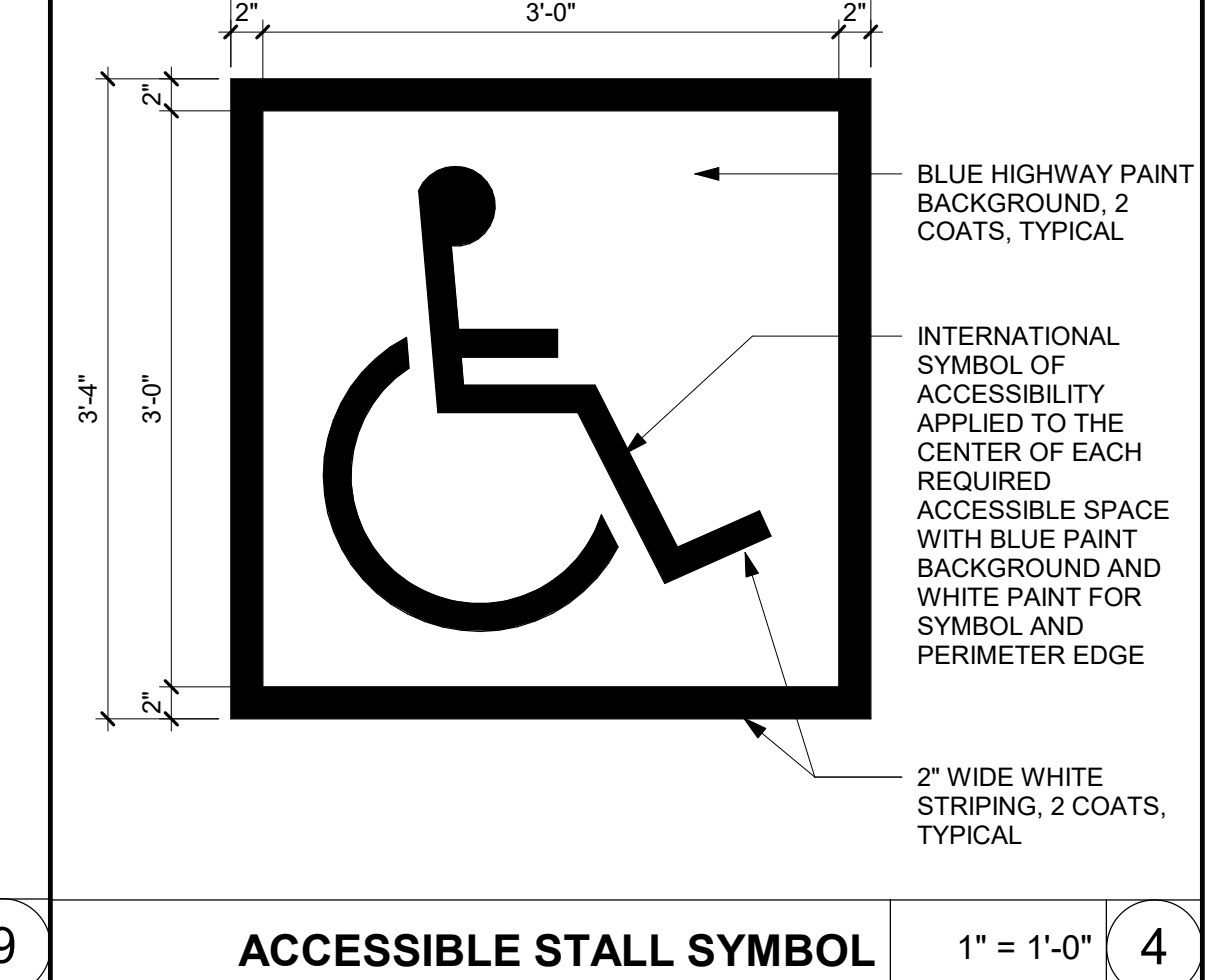
ACCESSIBLE STALL SYMBOL 1" = 1'-0" 4



WHEEL STOP 1 1/2" = 1'-0" 5



WHEEL STOP 1 1/2" = 1'-0" 5



CONCRETE TRANSITION 1 1/2" = 1'-0" 10

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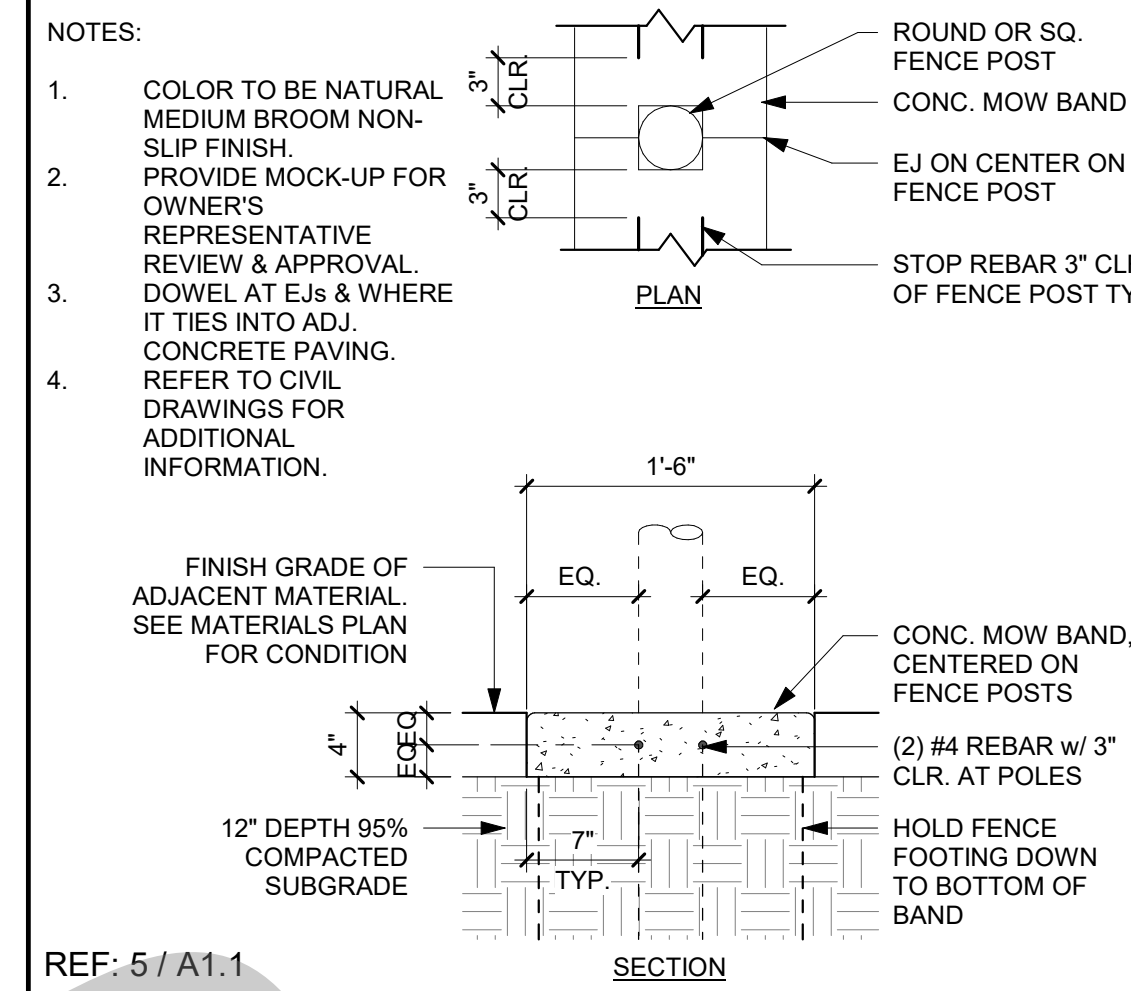
CONSTRUCTION DOCUMENTS

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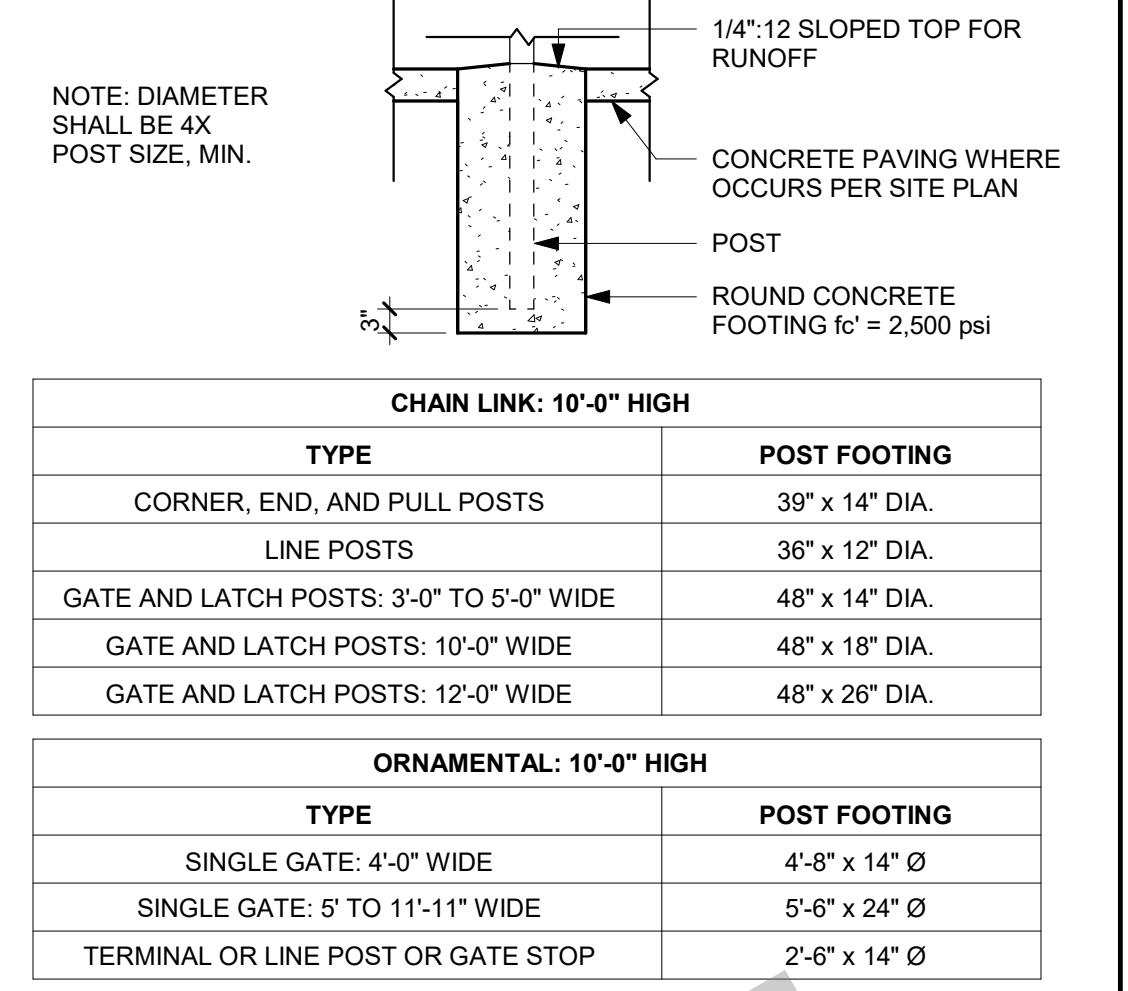
SITE DETAILS

Date: 07/17/2023
Application Number: XX-XXXXXX
Project Number: 22009
Drawing Number: A10.2.1

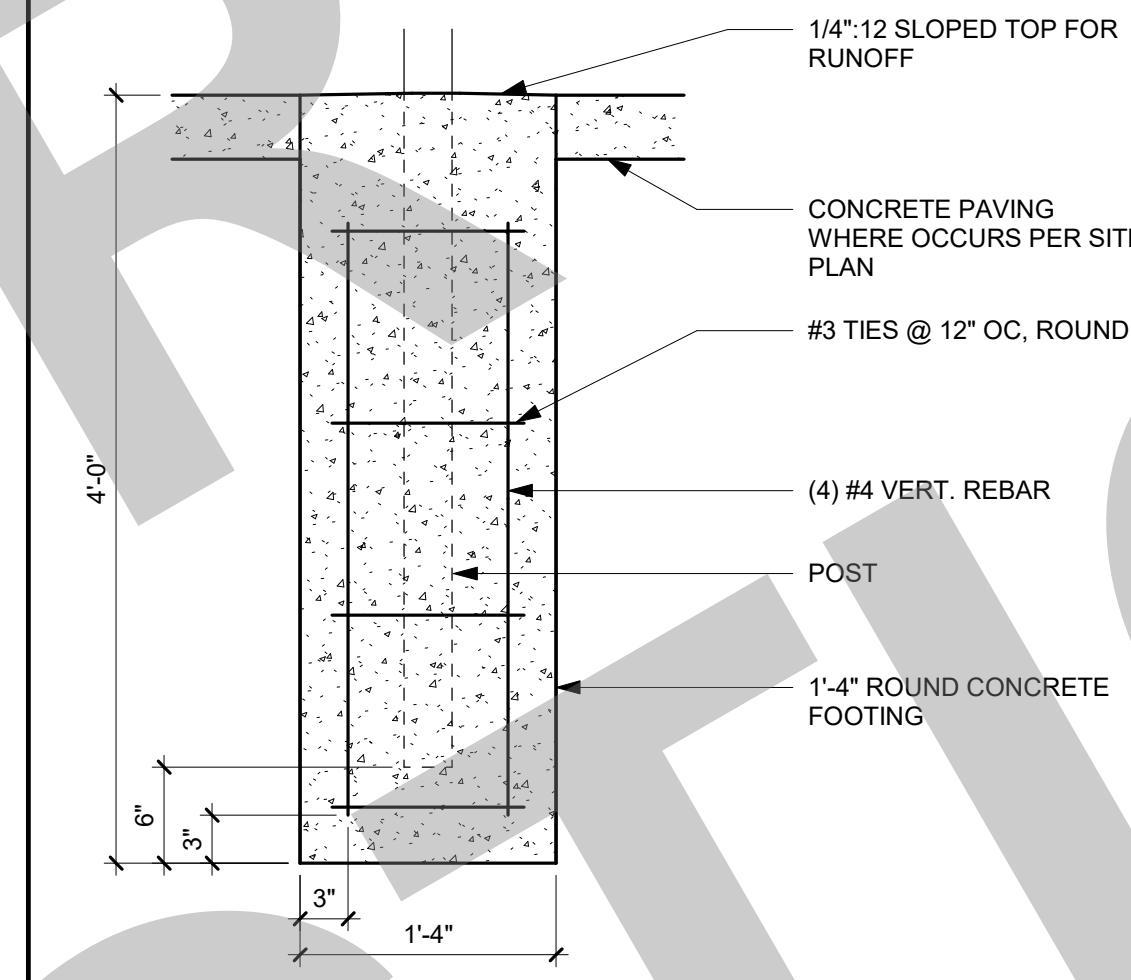
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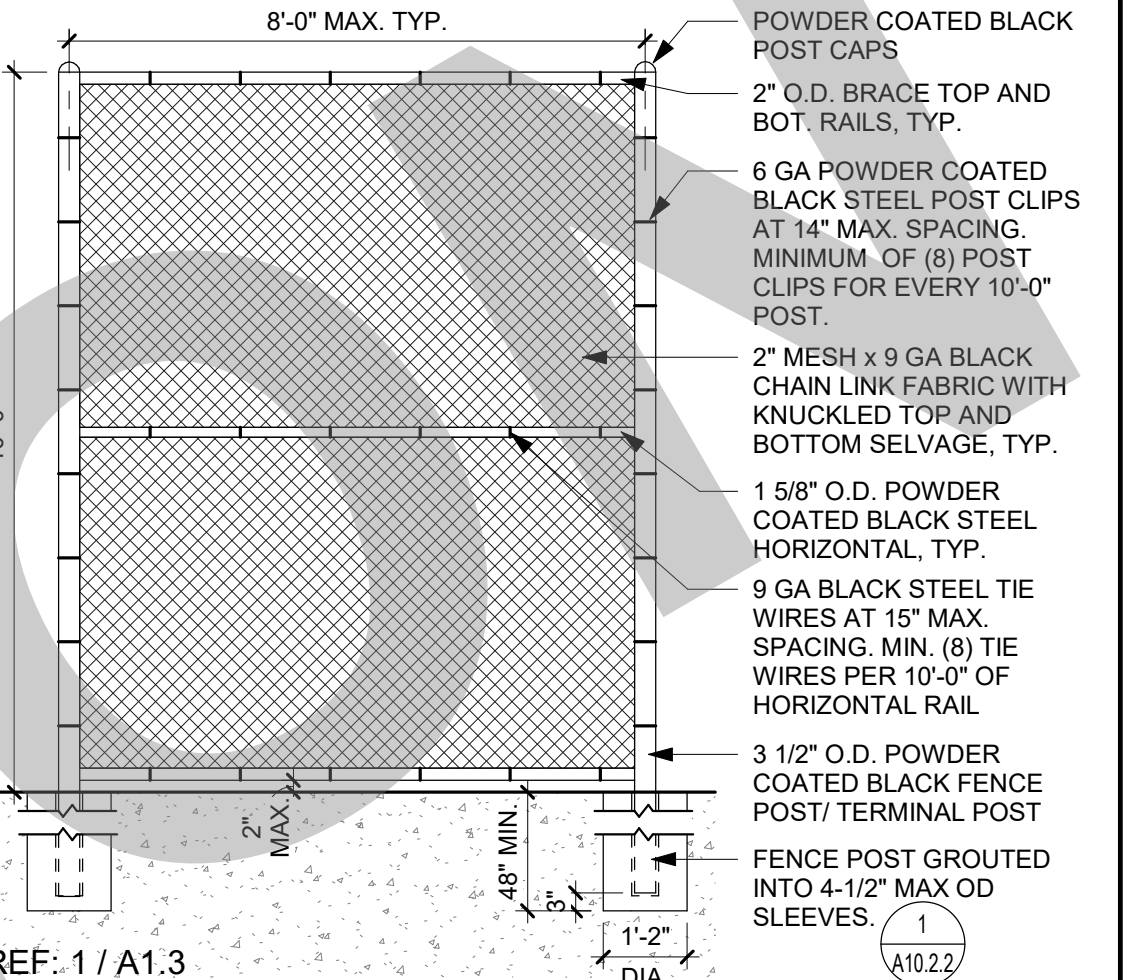
CONCRETE MOW STRIP 1" = 1'-0" 6



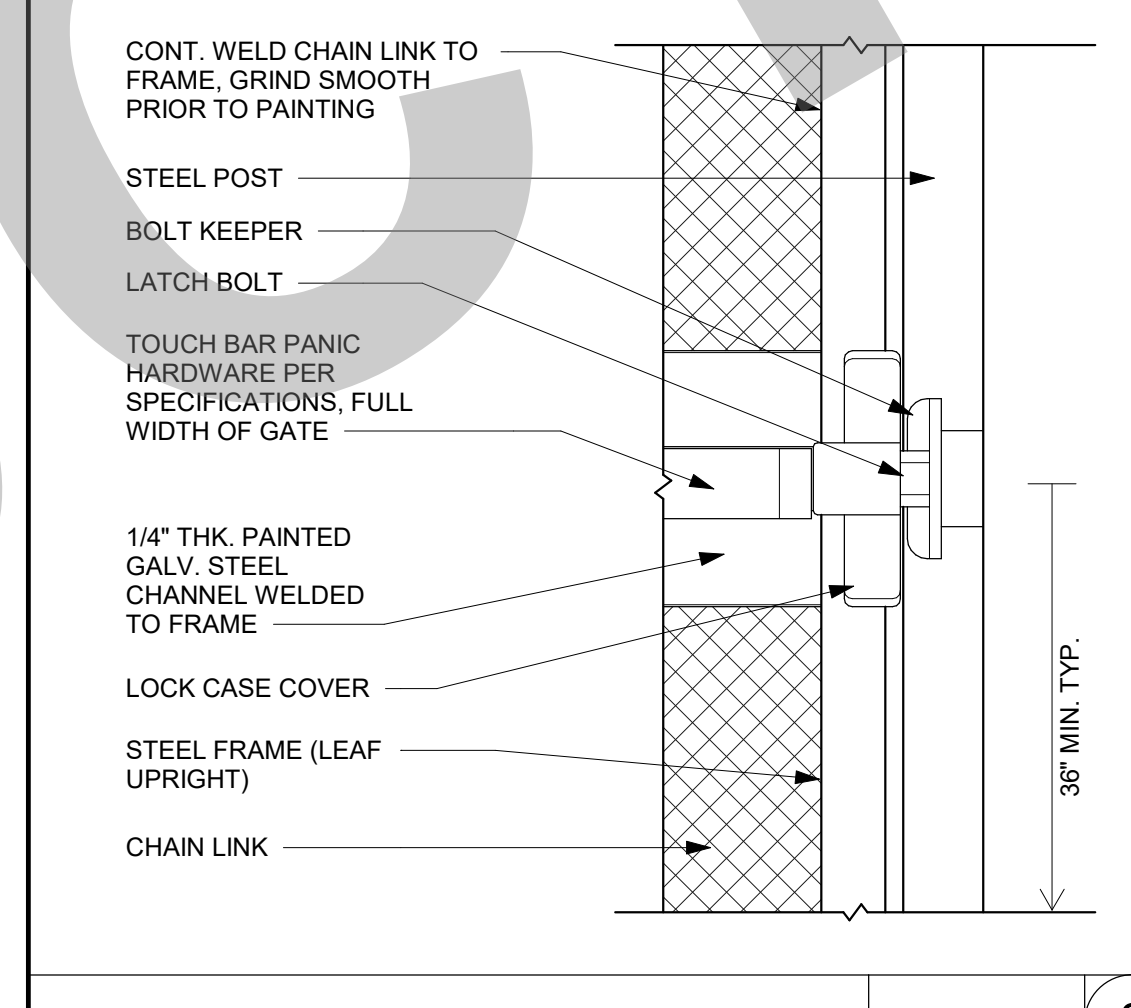
FENCE FOOTING SCHEDULE 1/2" = 1'-0" 1



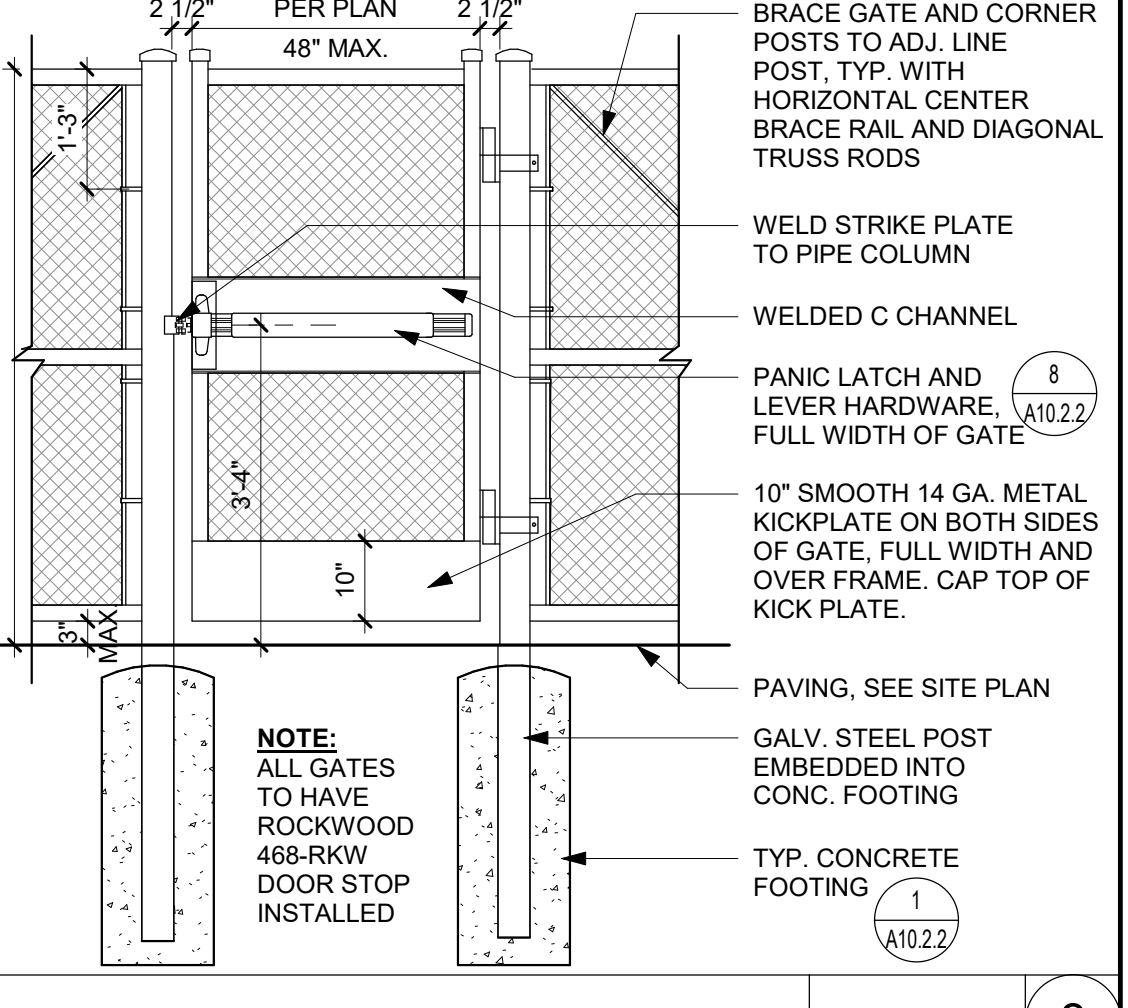
POST FOOTING - REINFORCED 1" = 1'-0" 7



CHAIN LINK FENCE - TALL 3/8" = 1'-0" 2



PANIC HARDWARE 1/2" = 1'-0" 8



CHAIN LINK GATE 1/2" = 1'-0" 3

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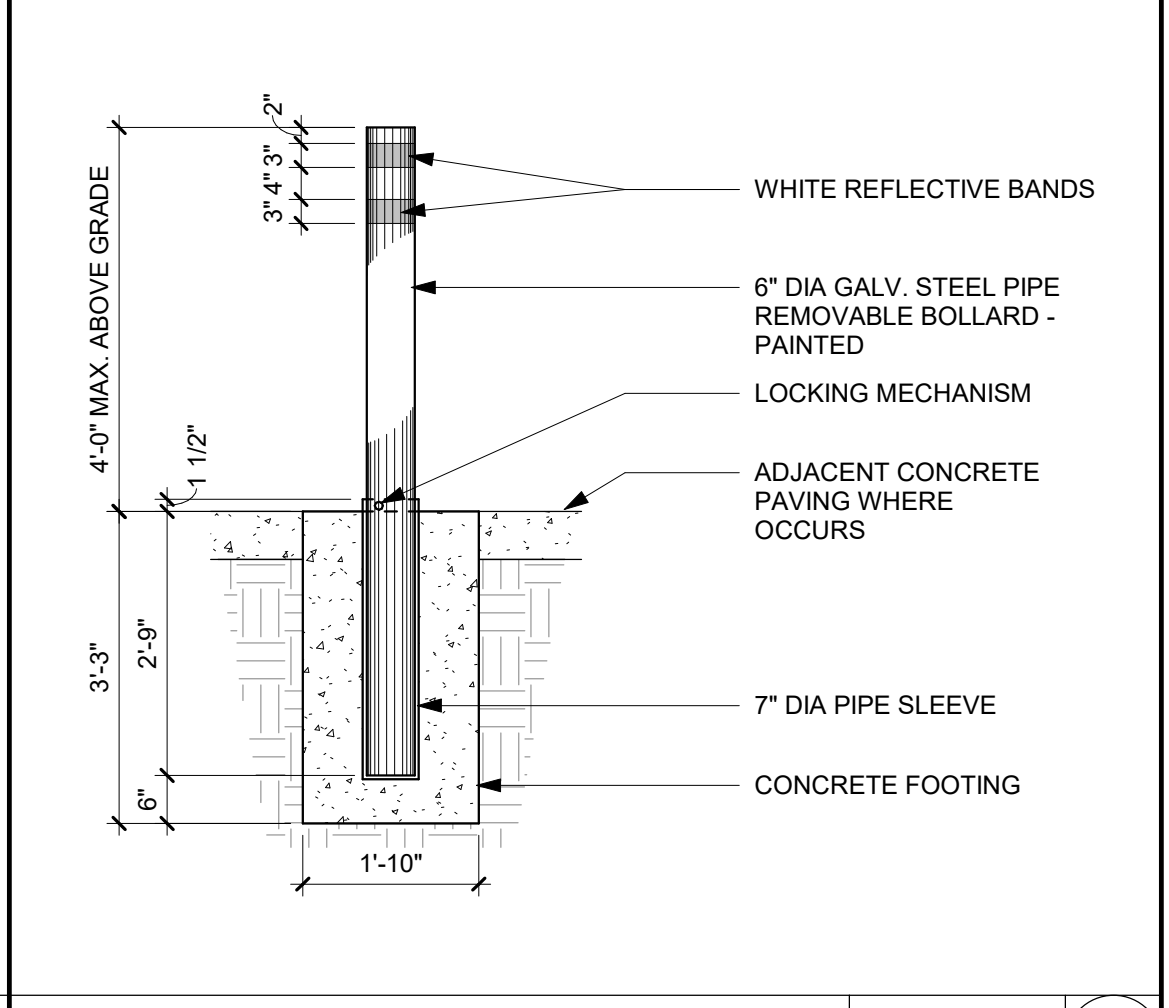
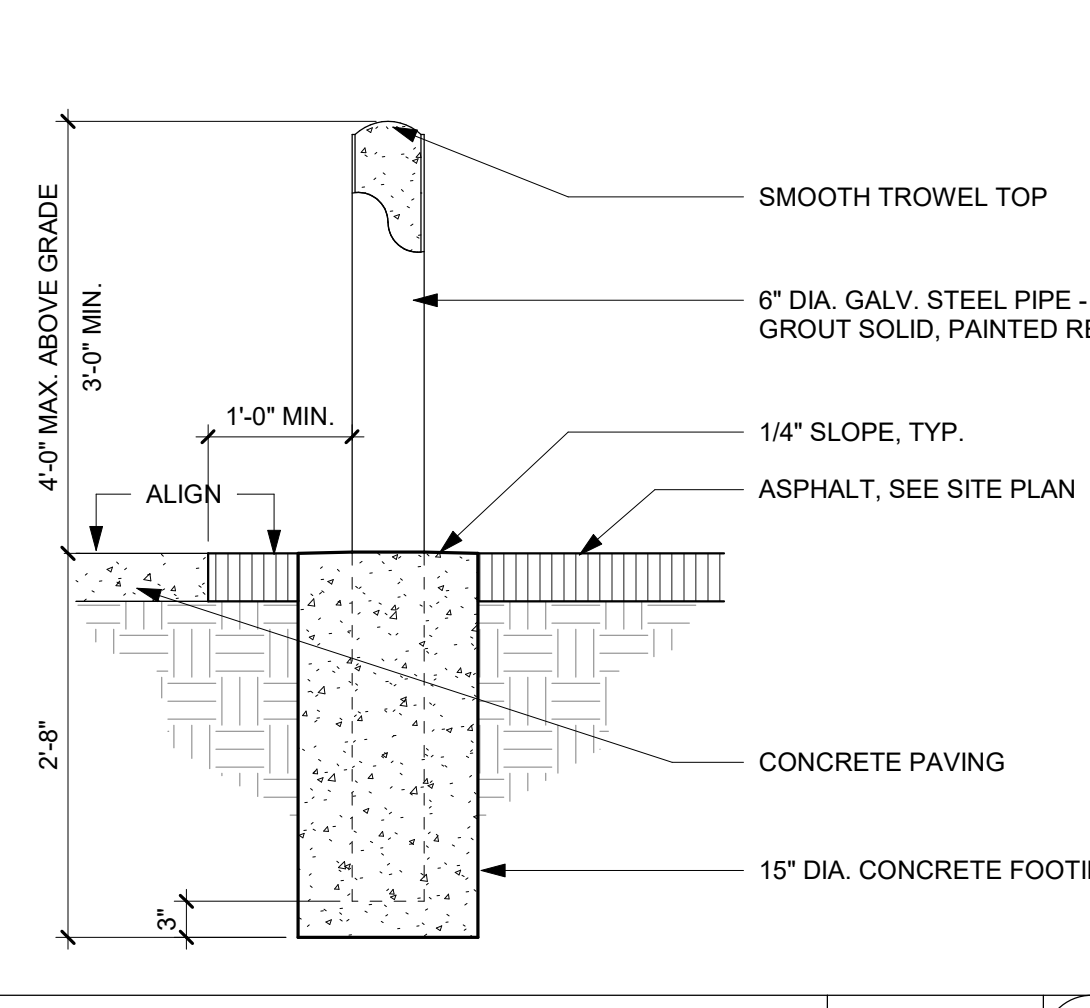
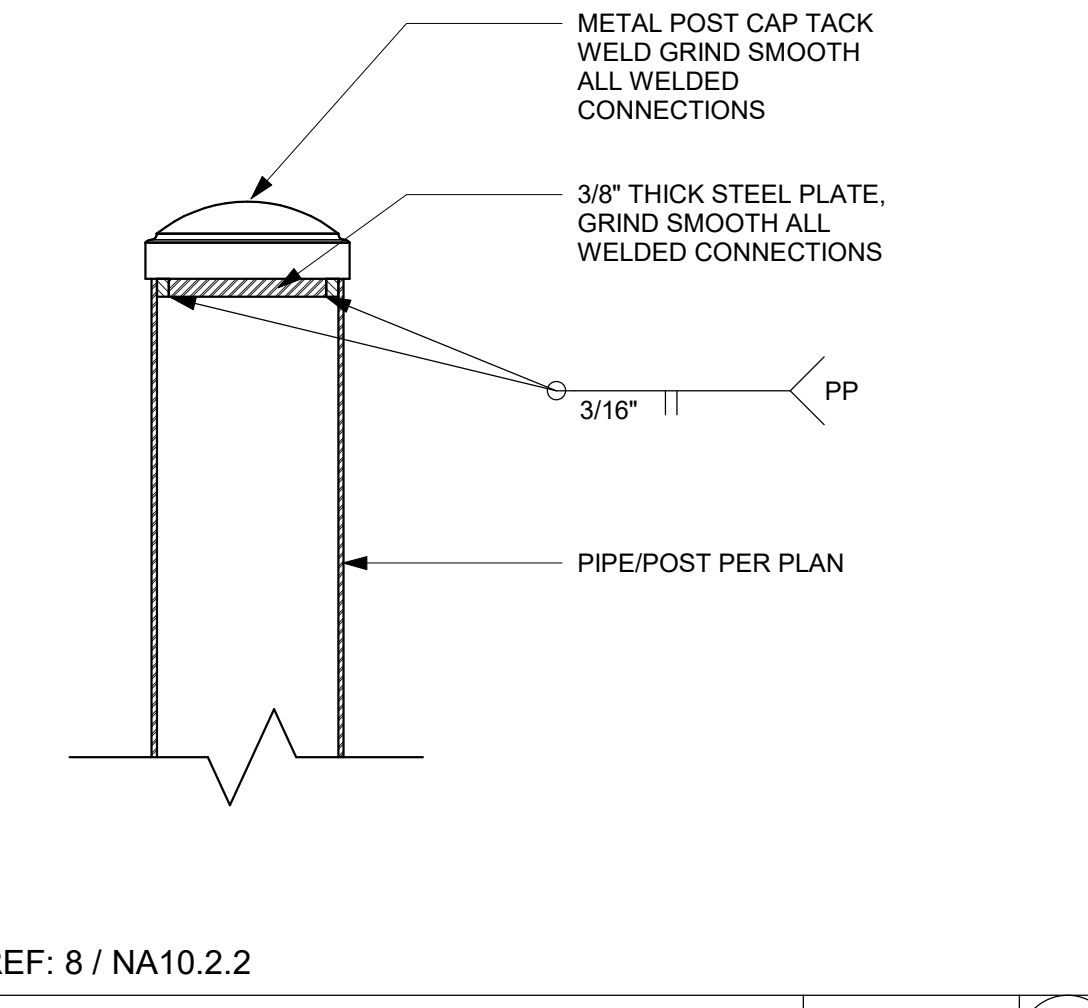
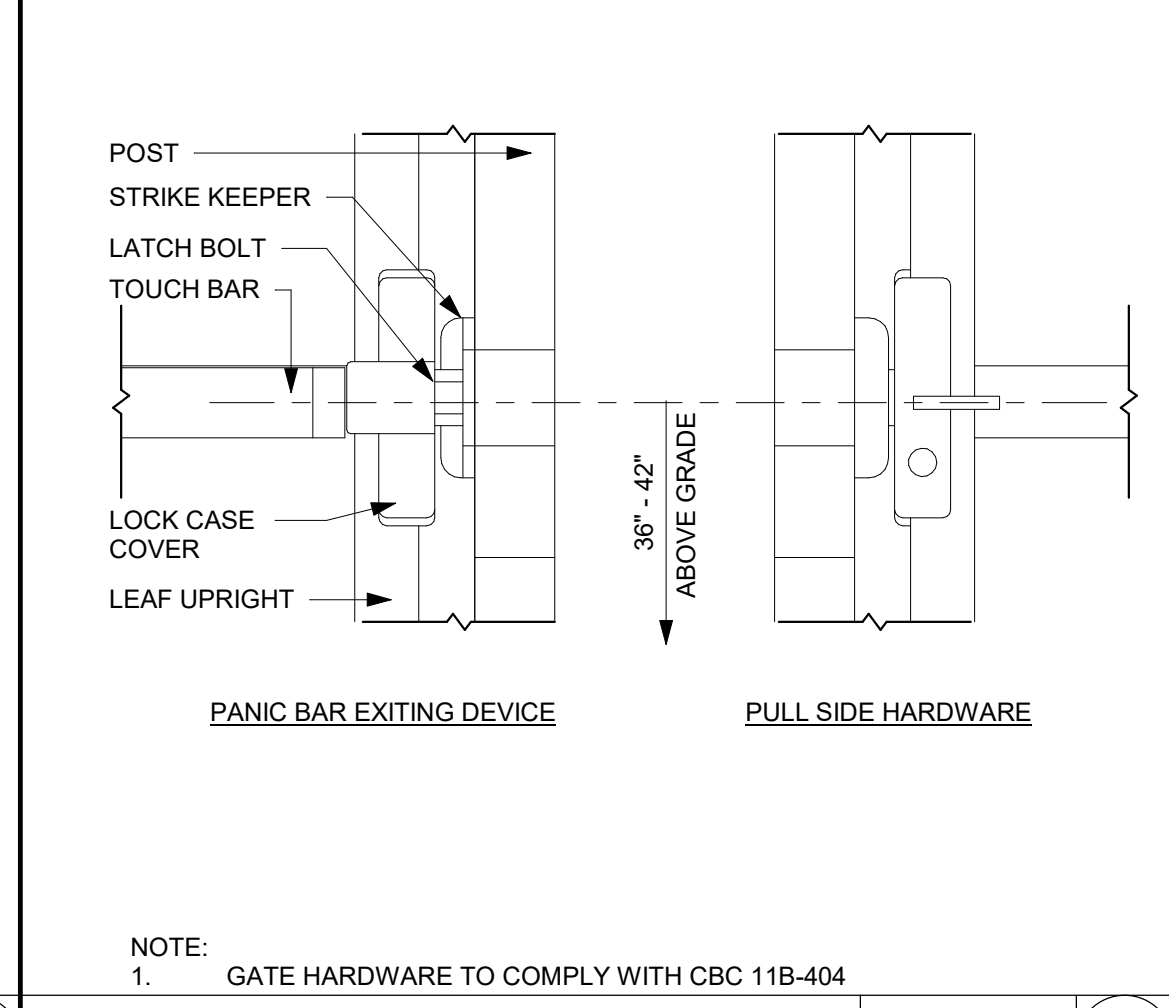
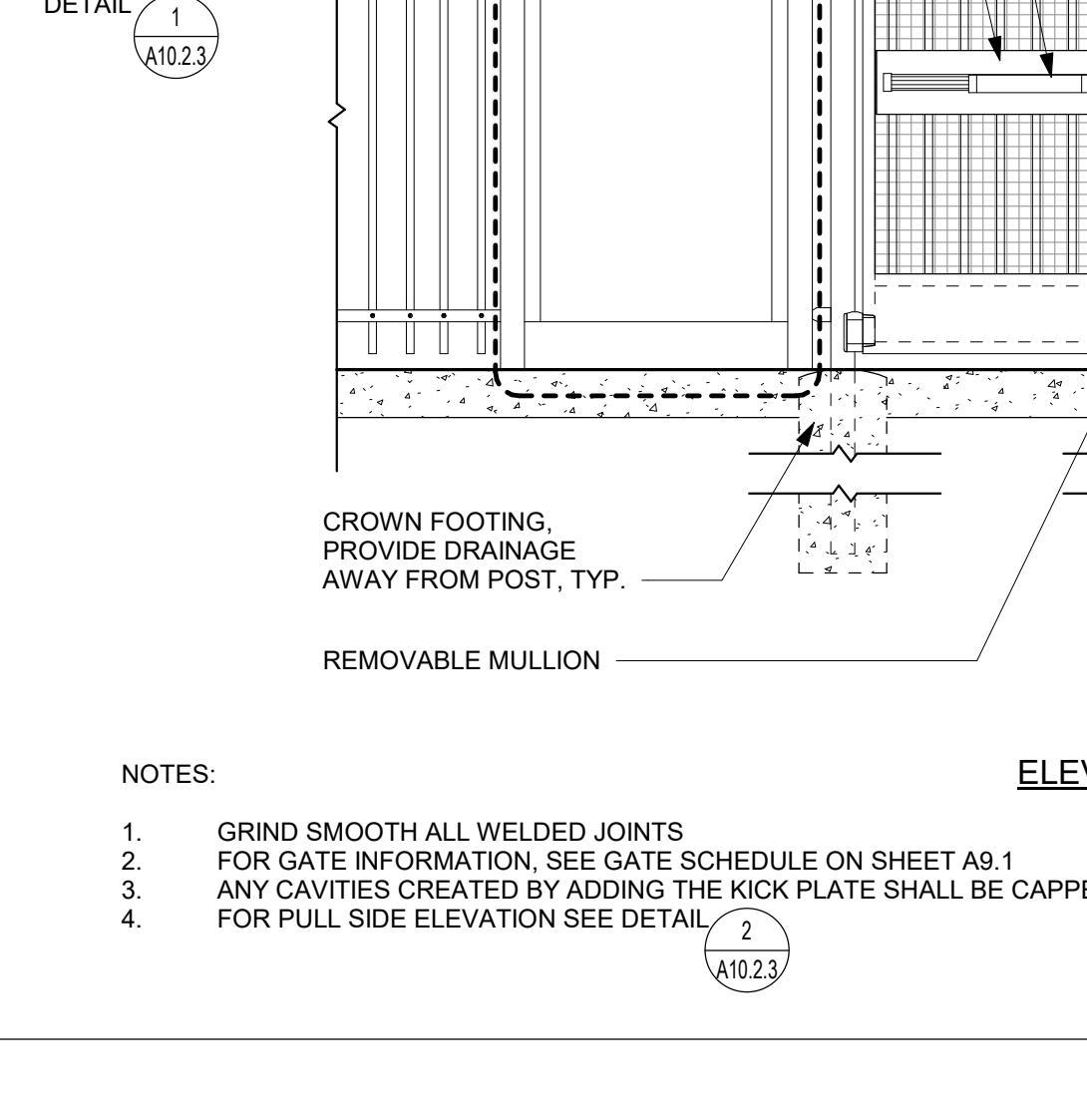
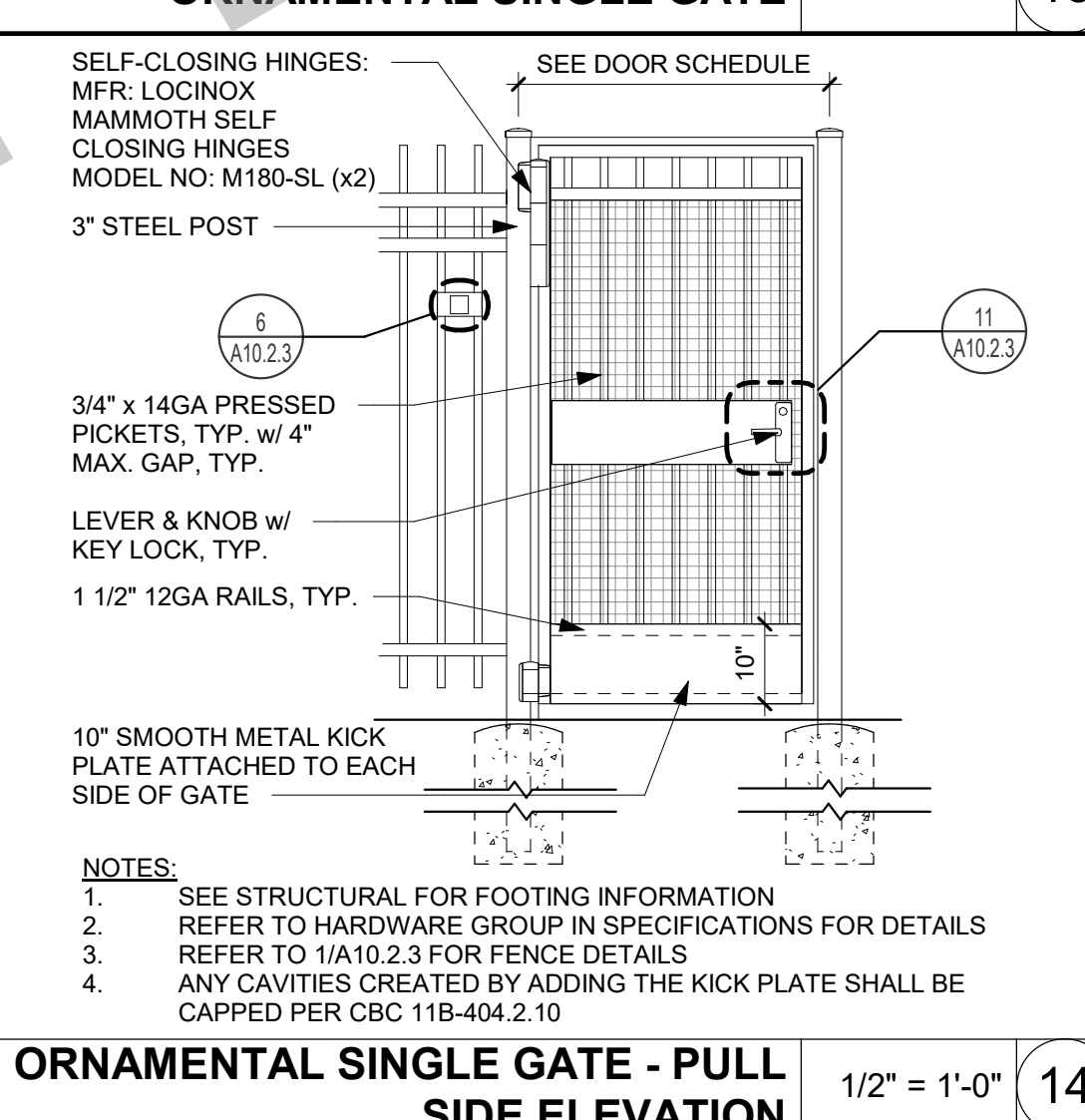
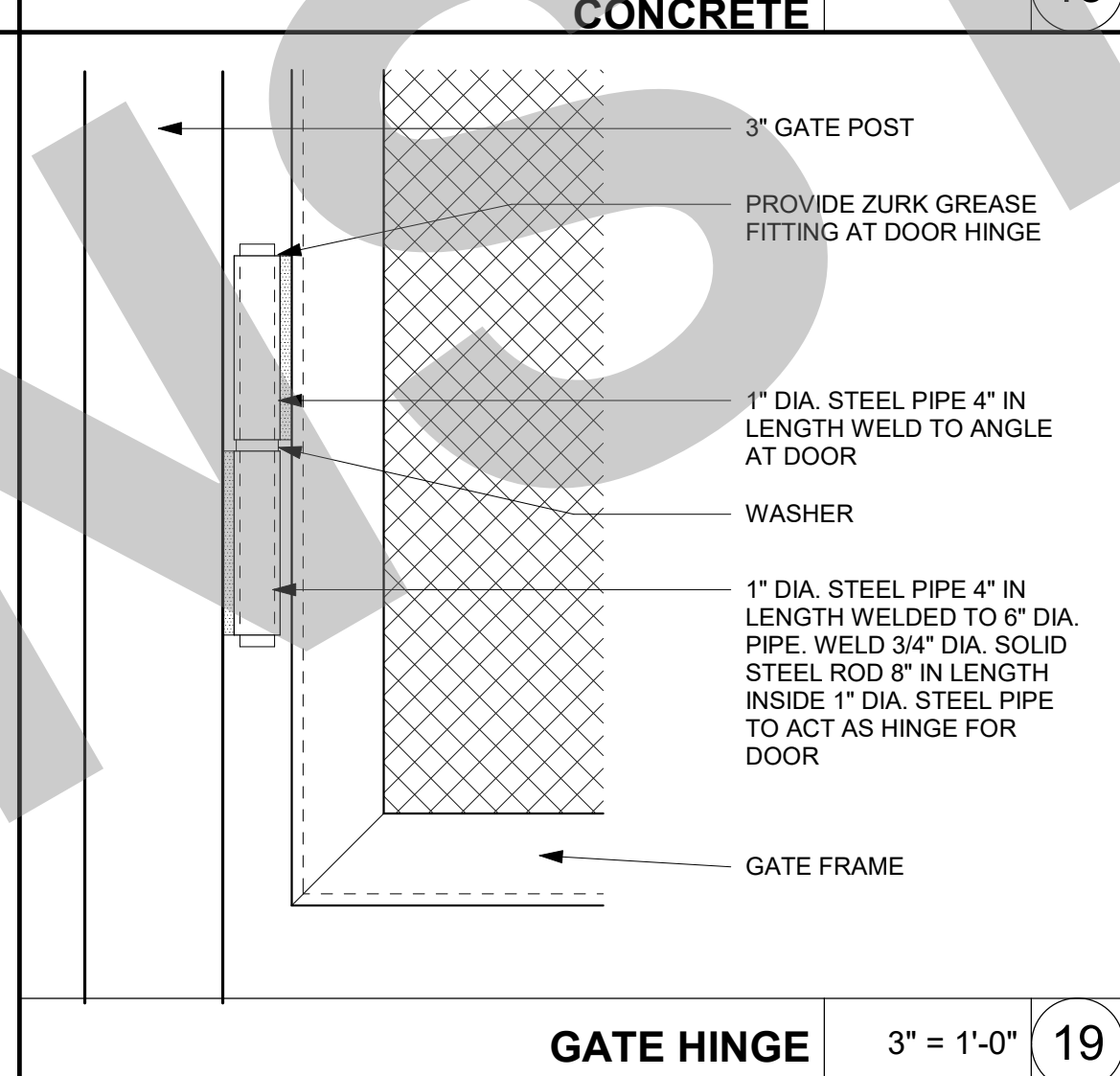
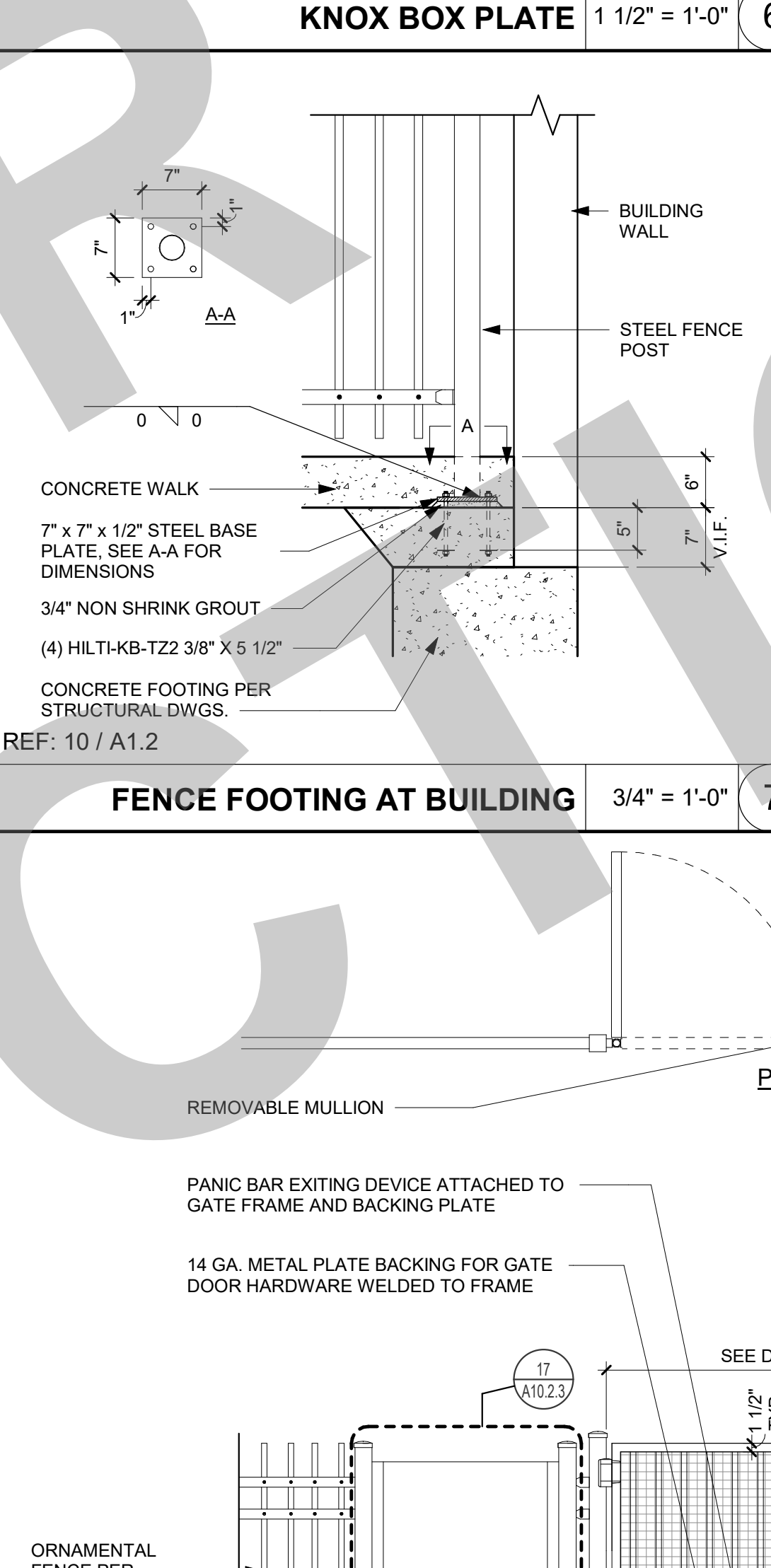
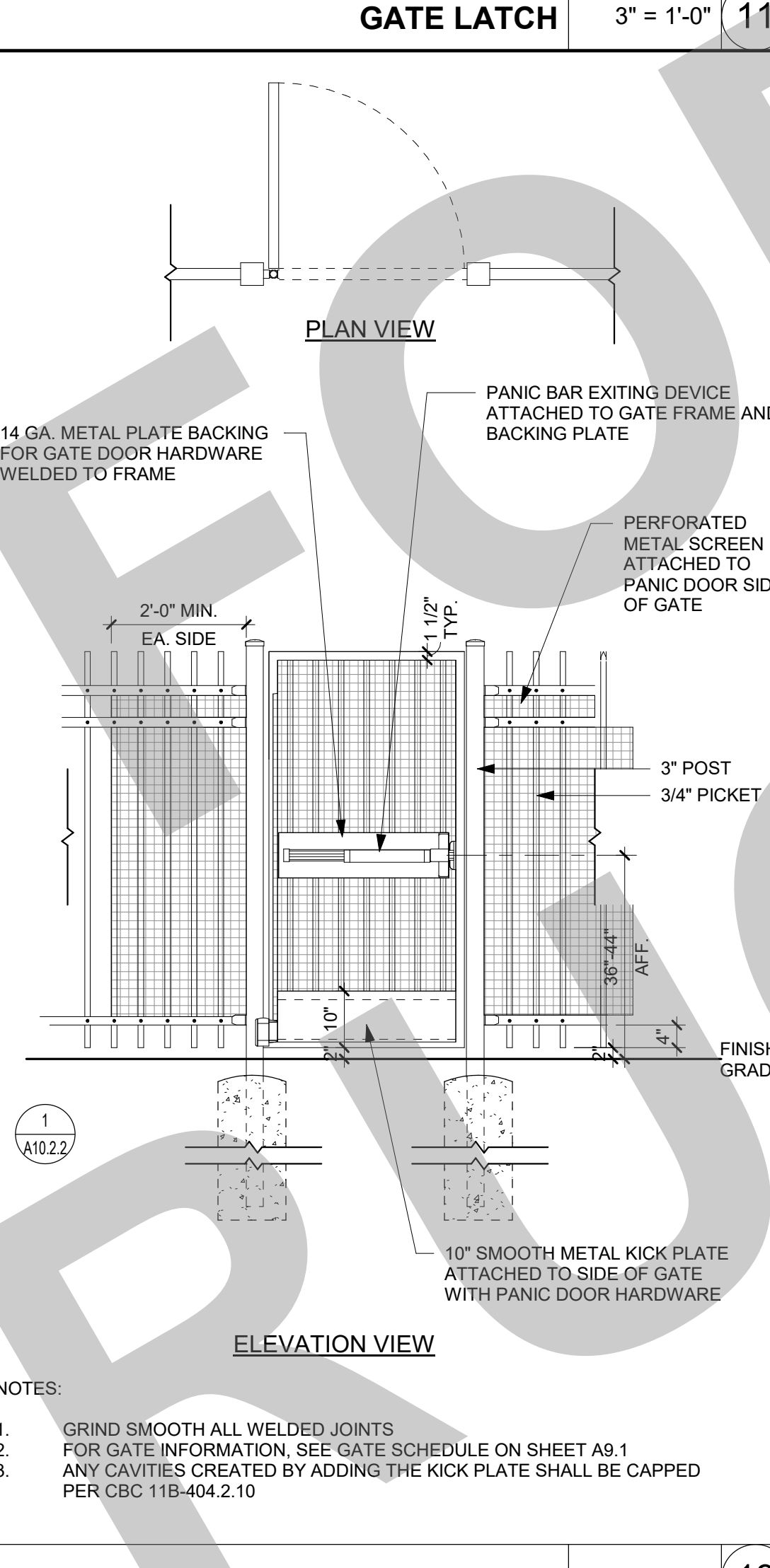
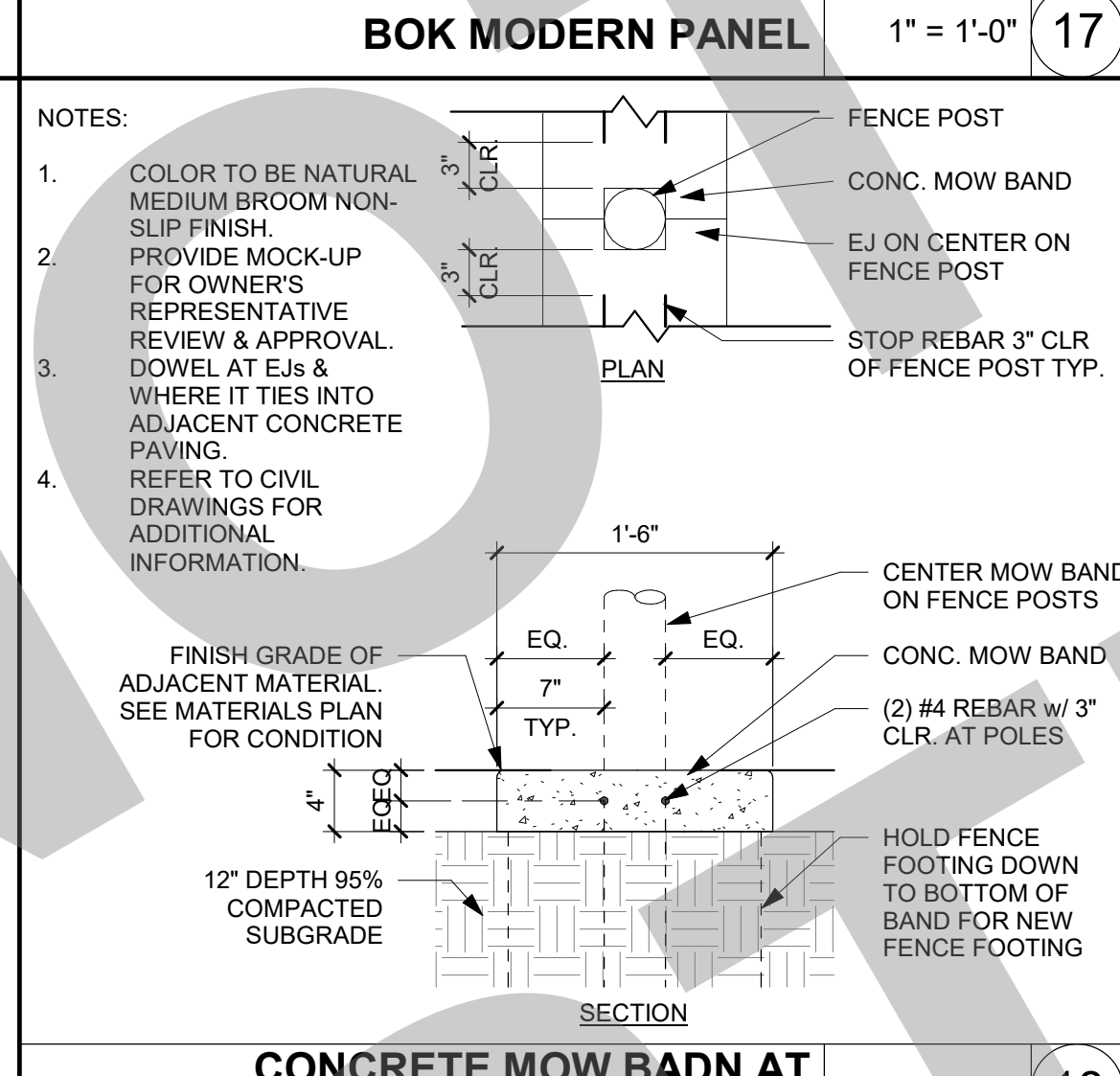
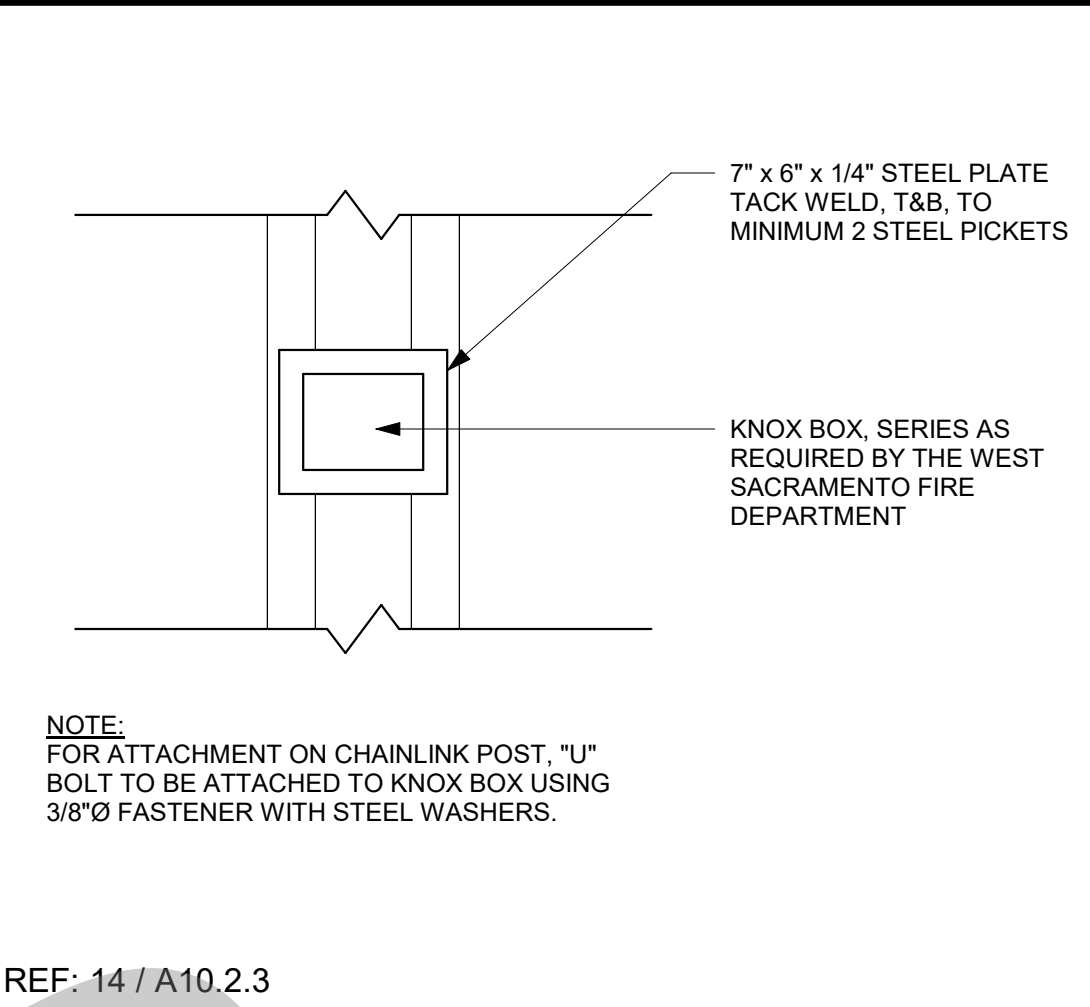
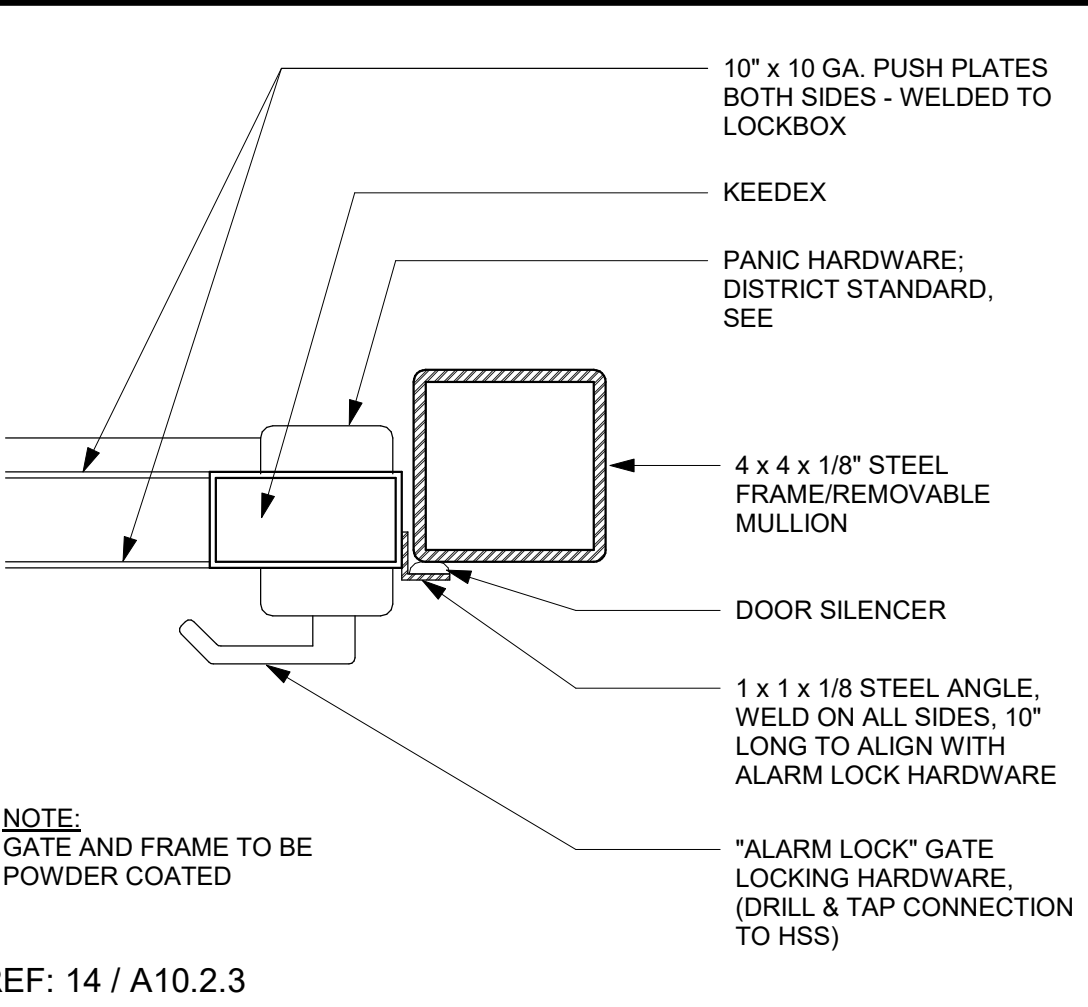
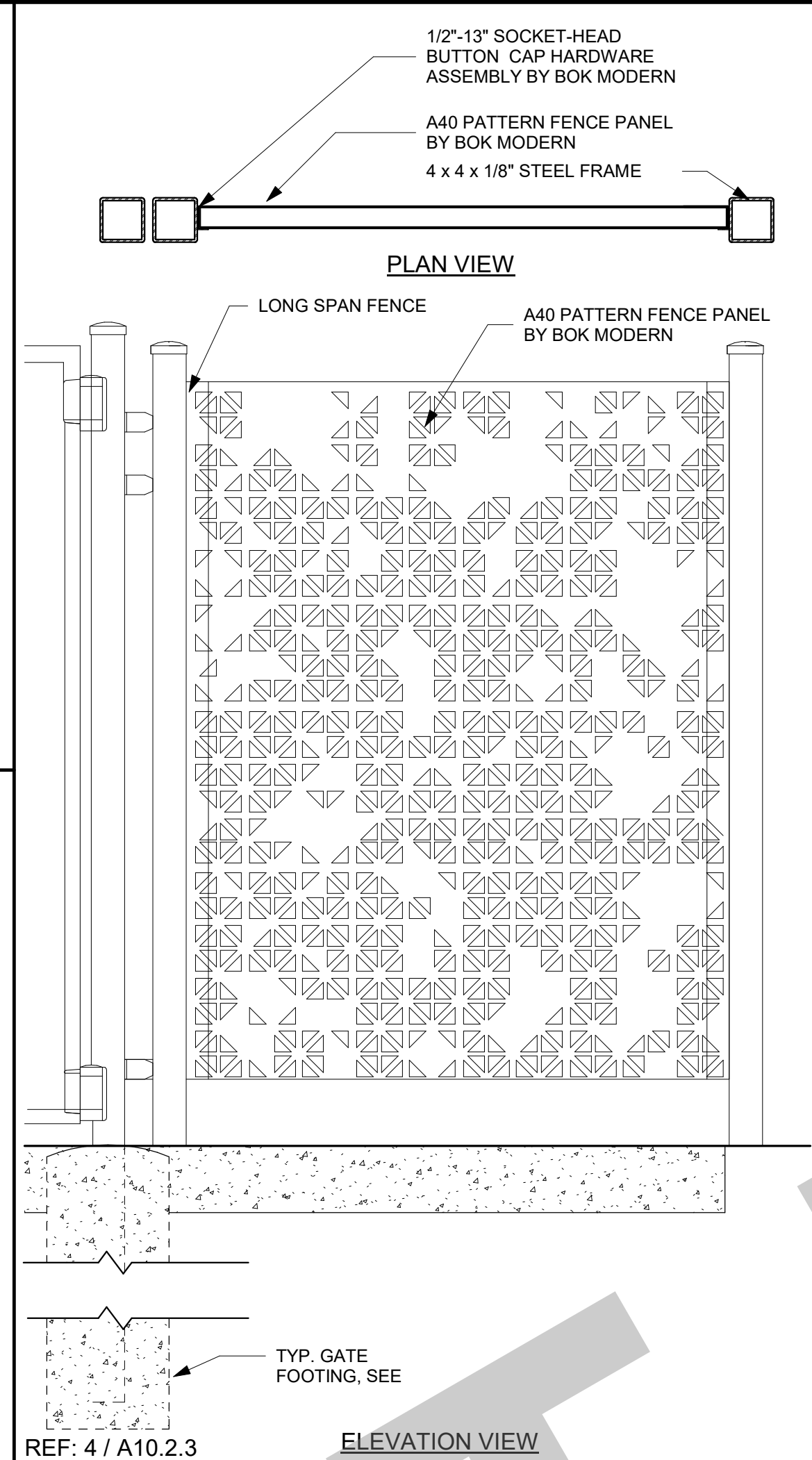
SITE DETAILS

Date: 07/17/2023 Project Number: 22009
 Application Number: XX-XXXXXX Drawing Number:
 Drawn: Author Checked: Checker
 A10.2.2

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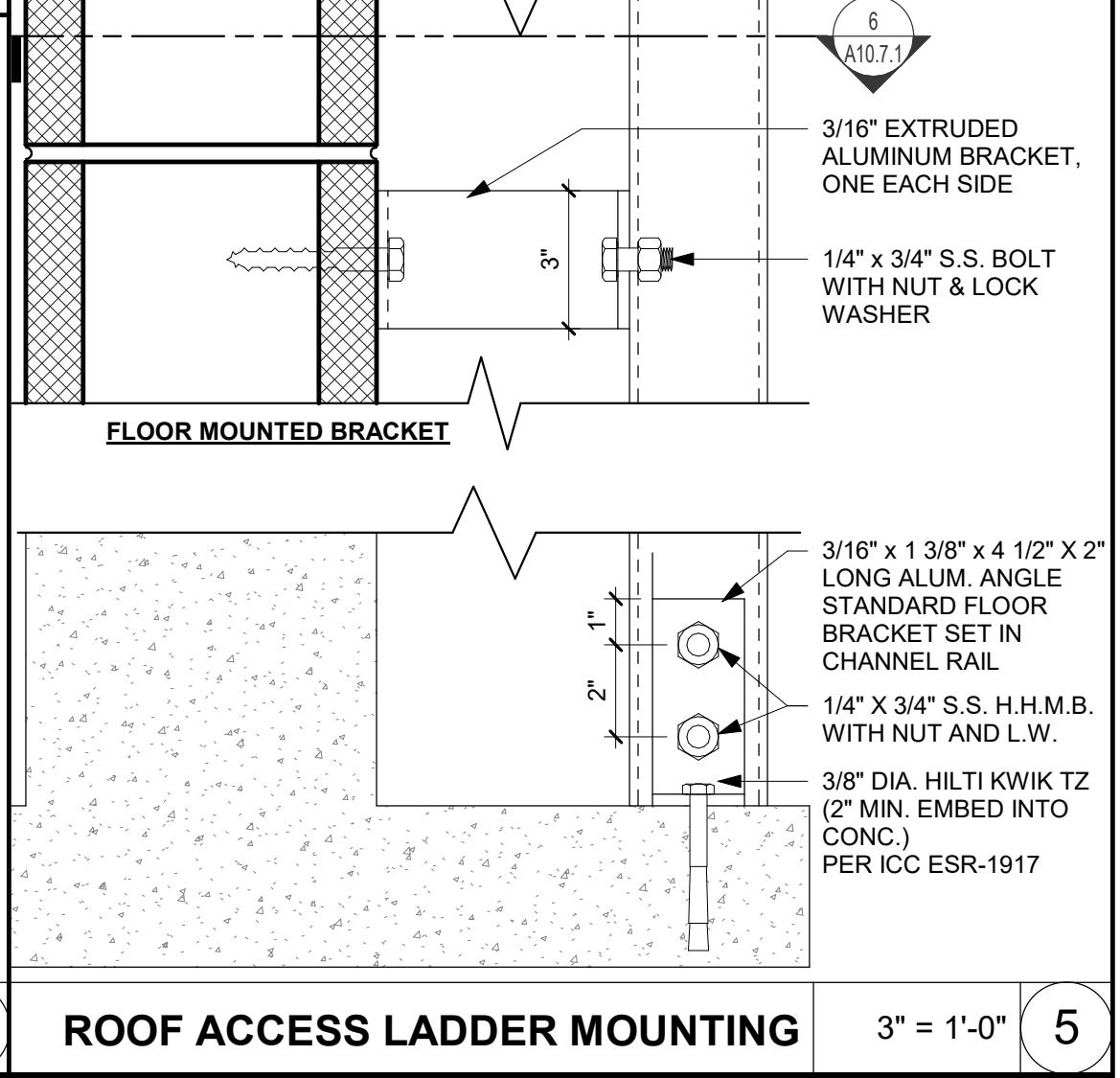
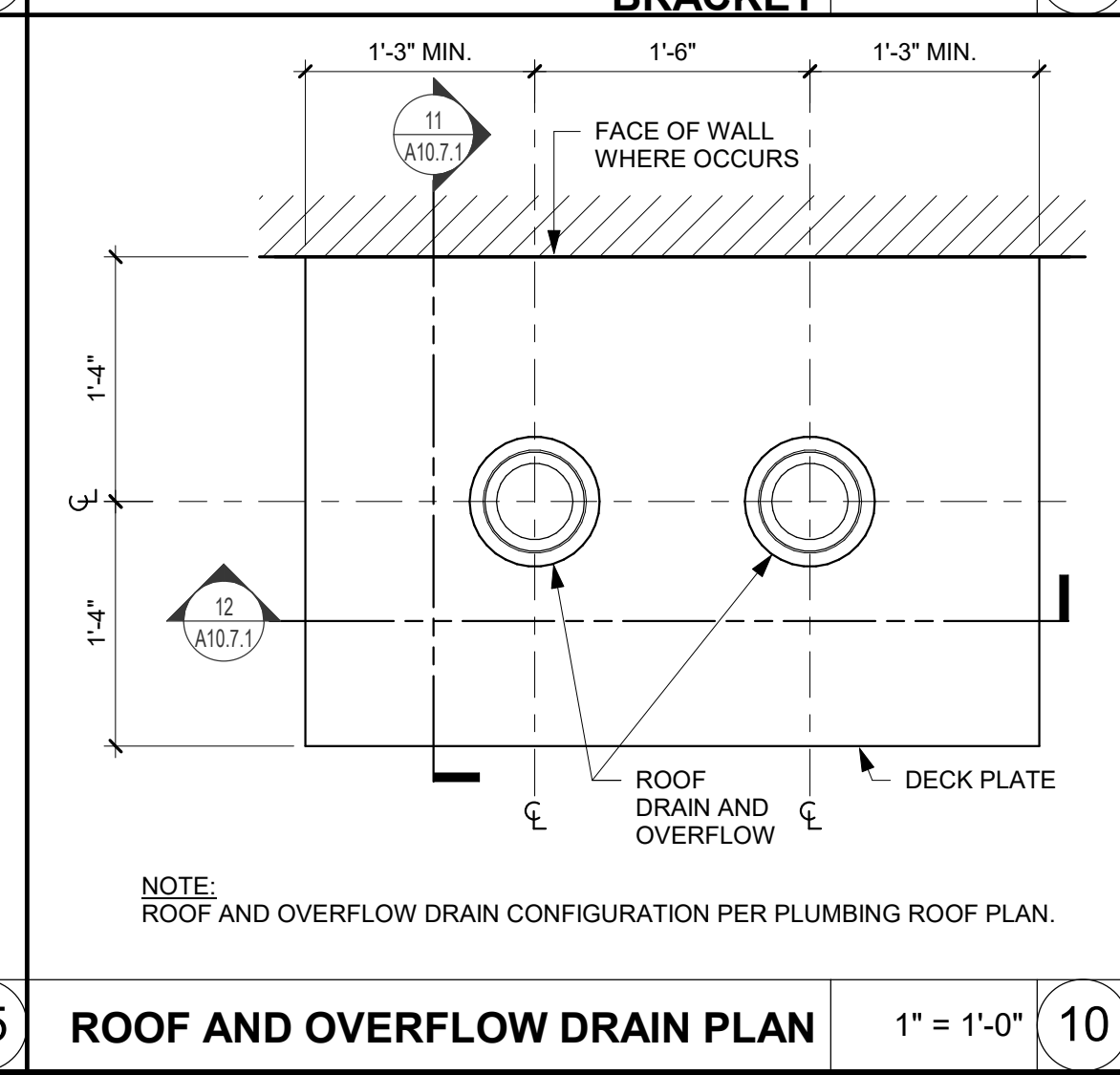
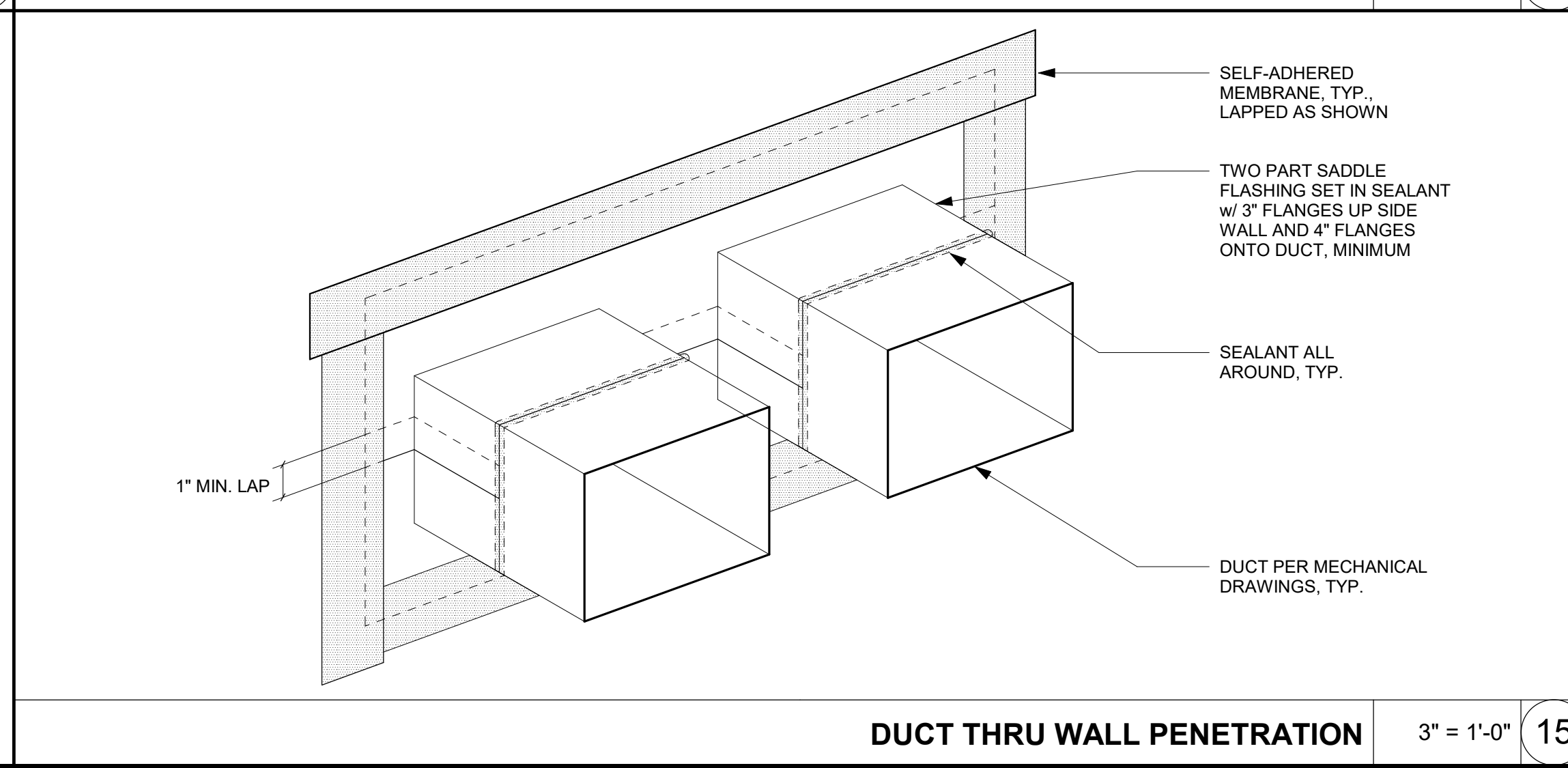
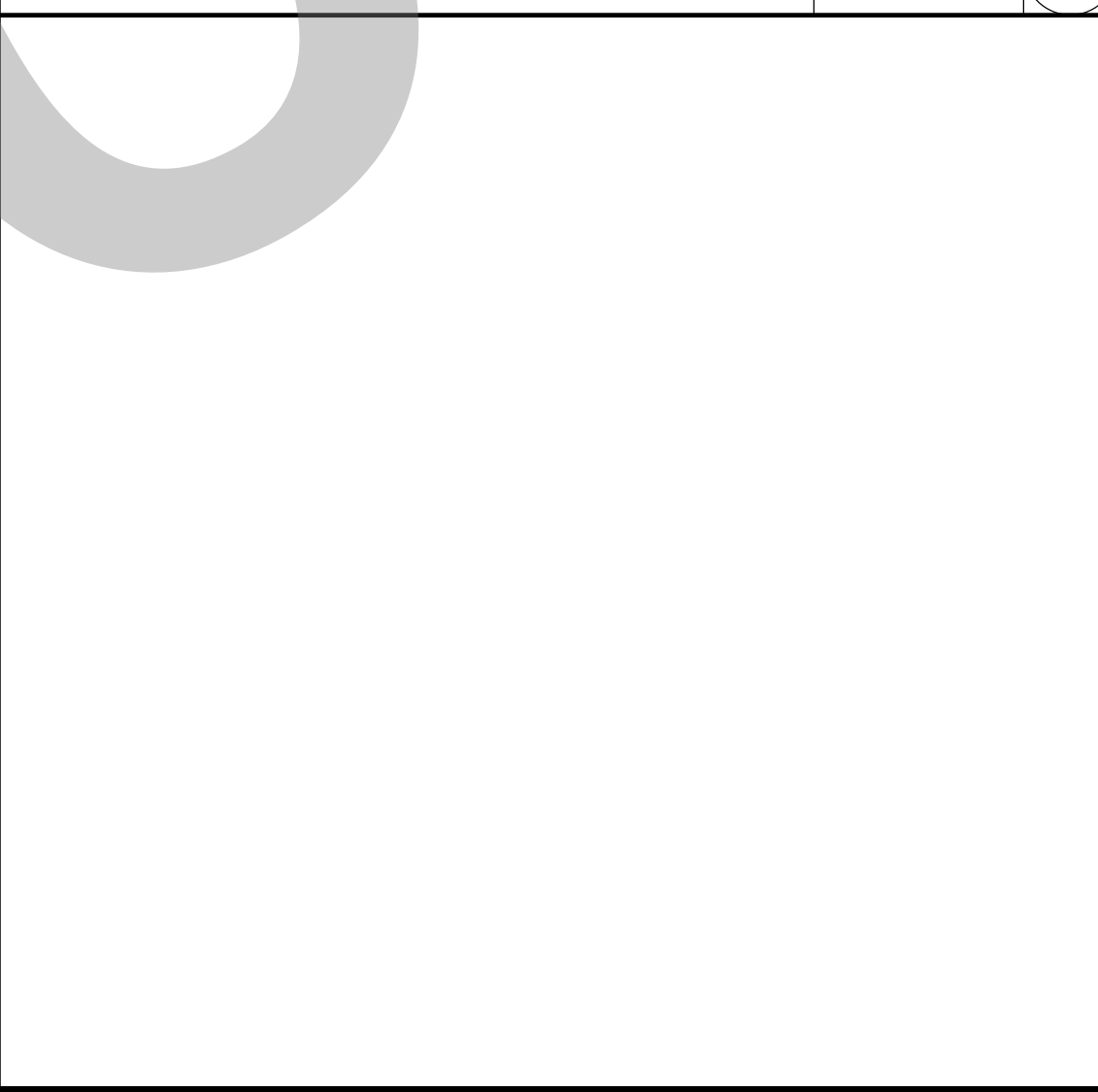
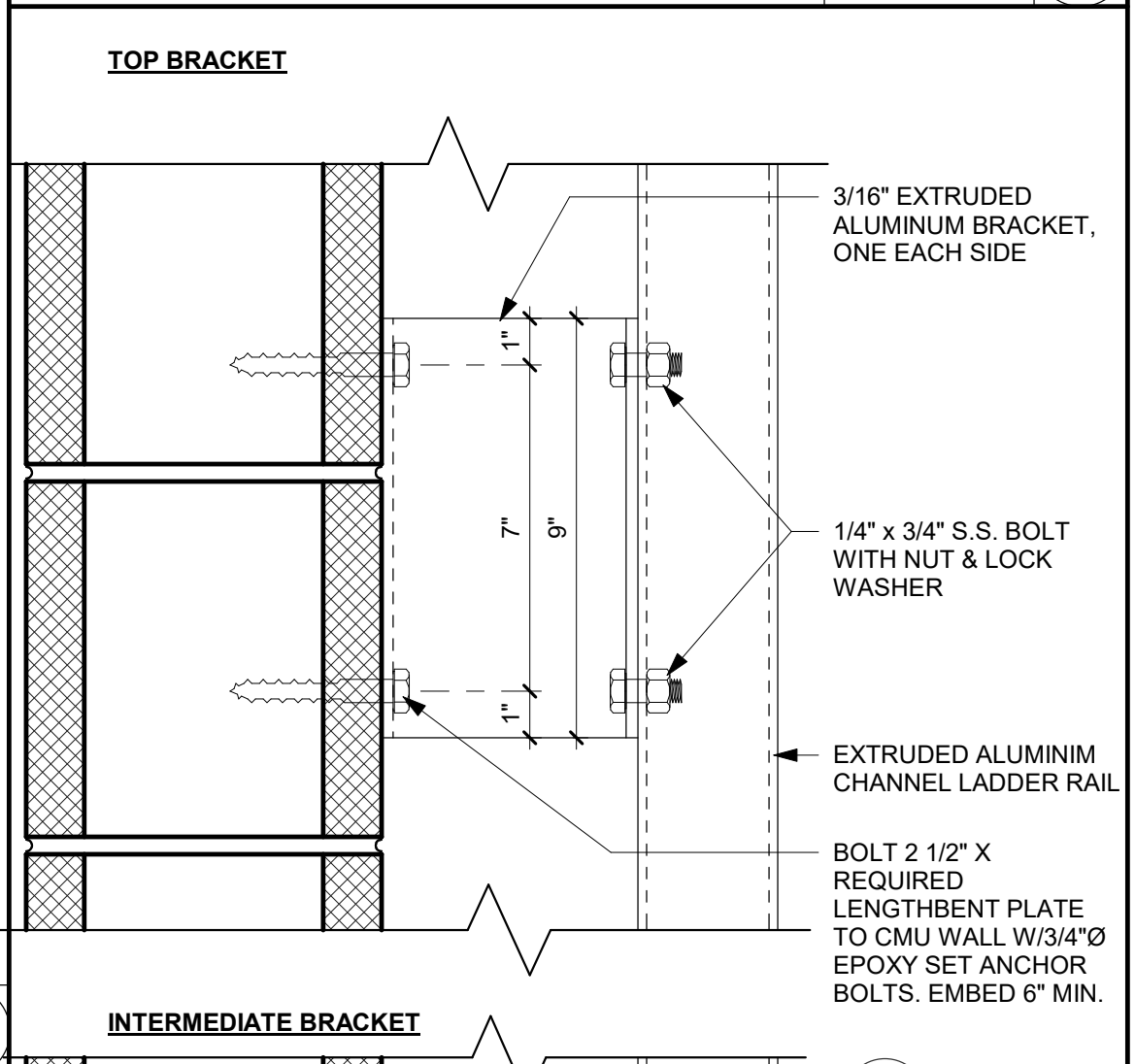
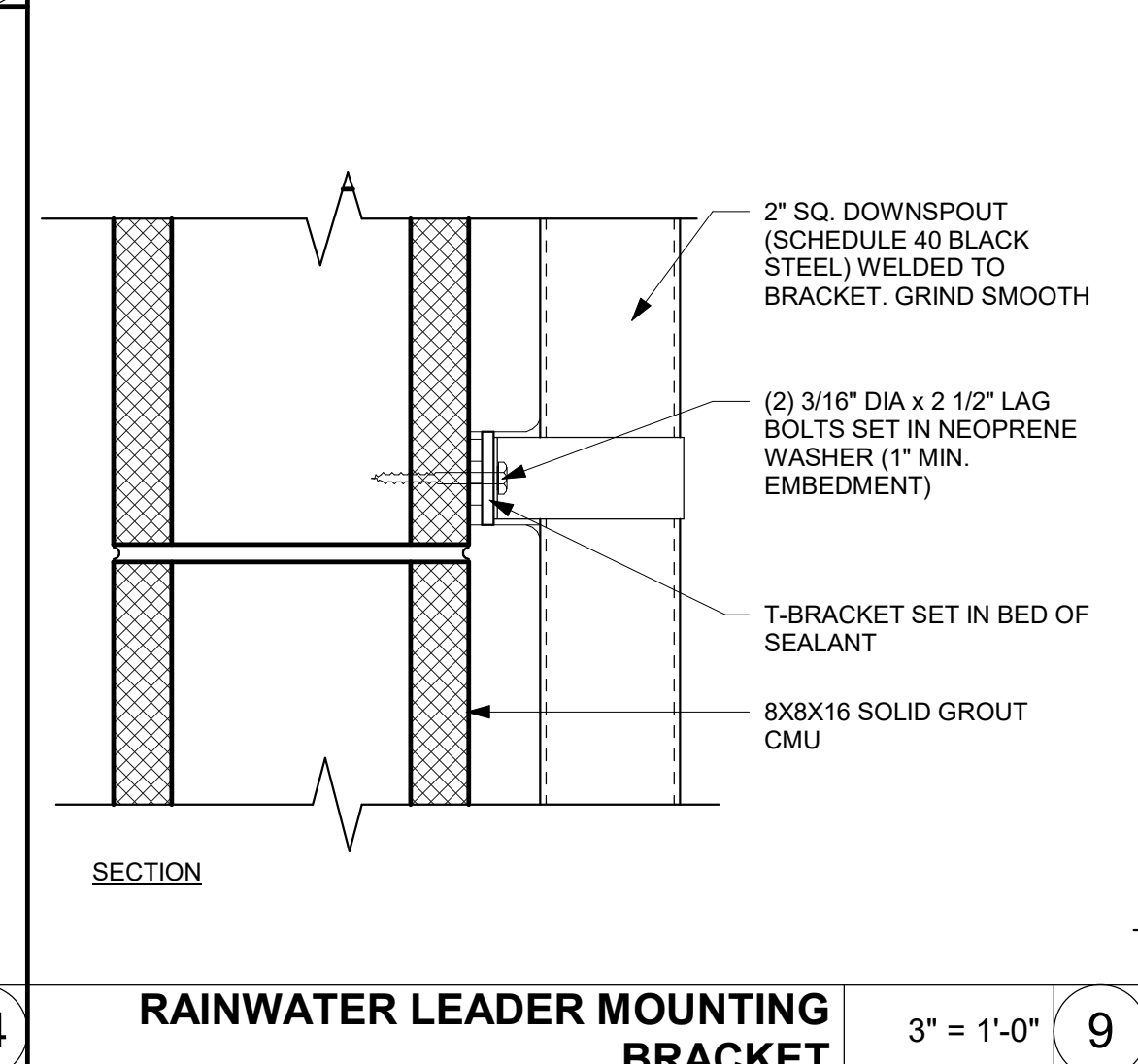
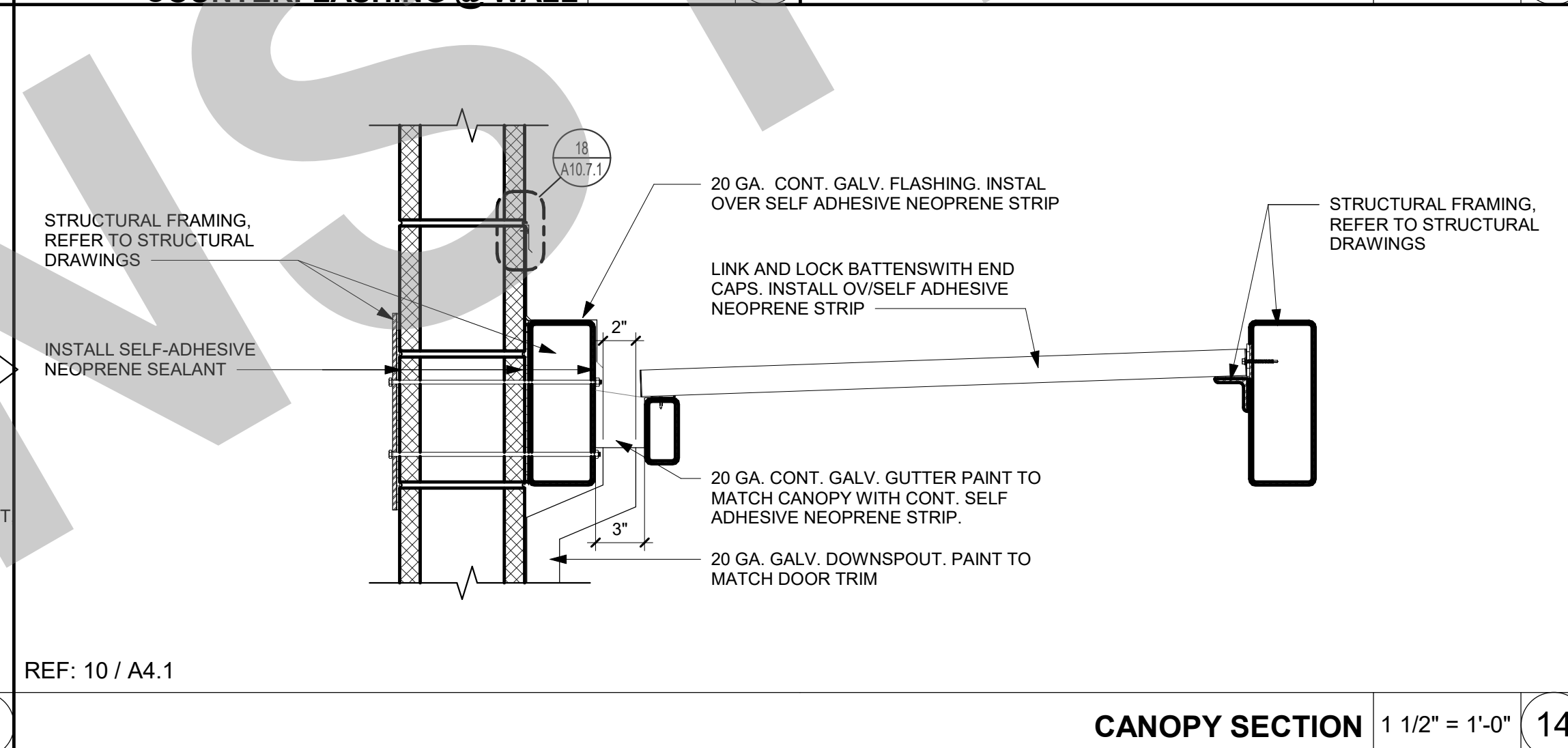
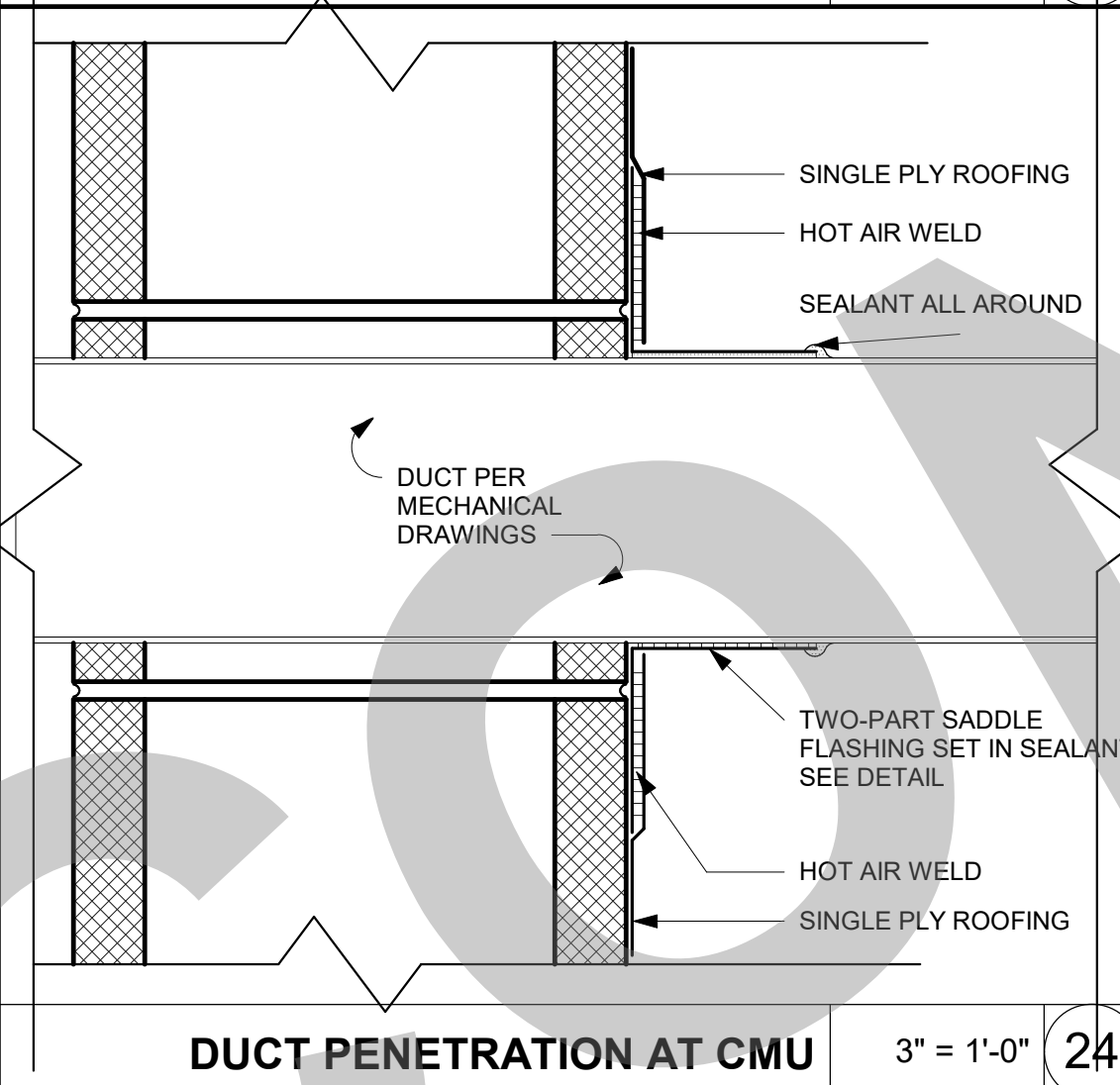
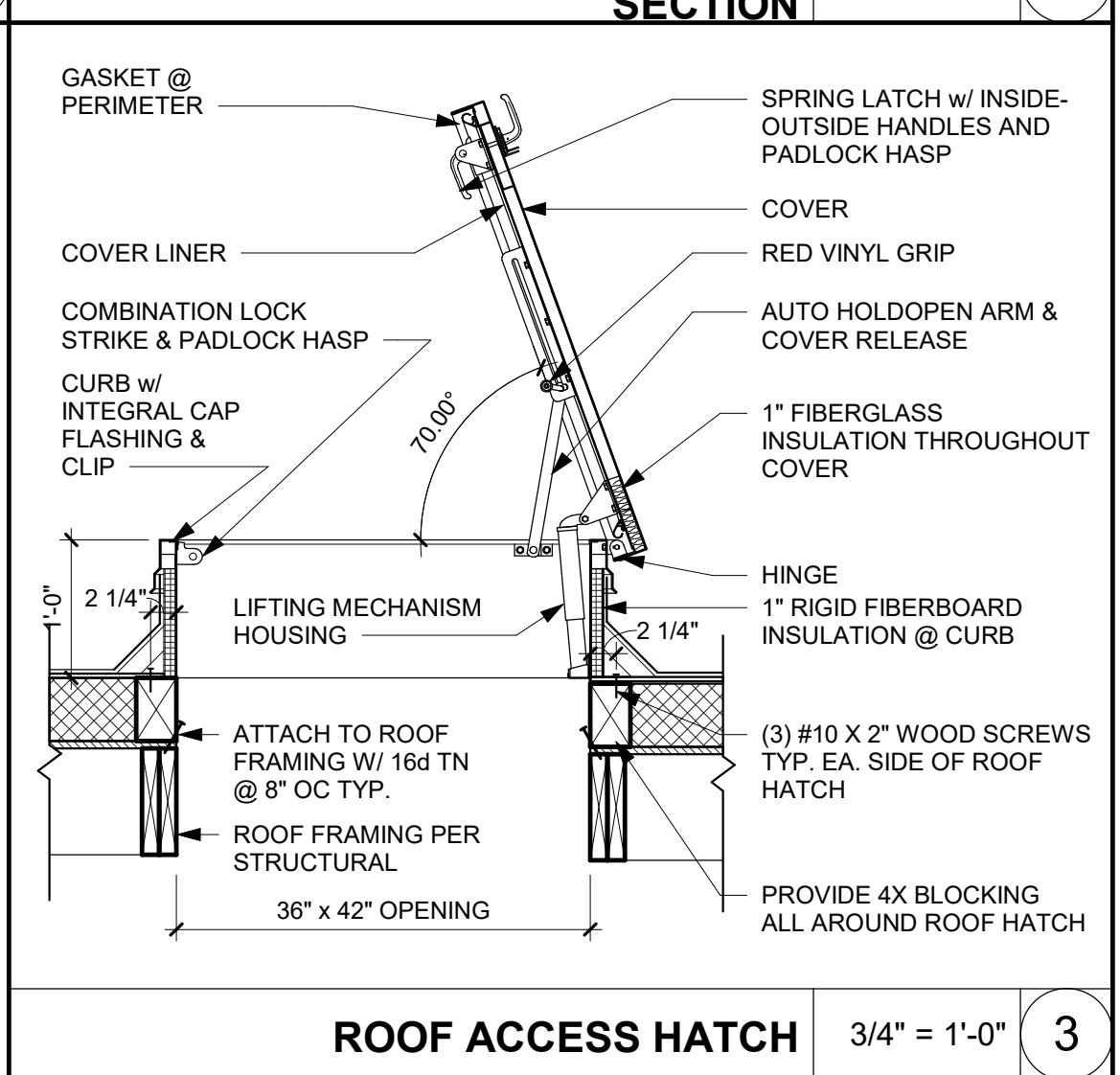
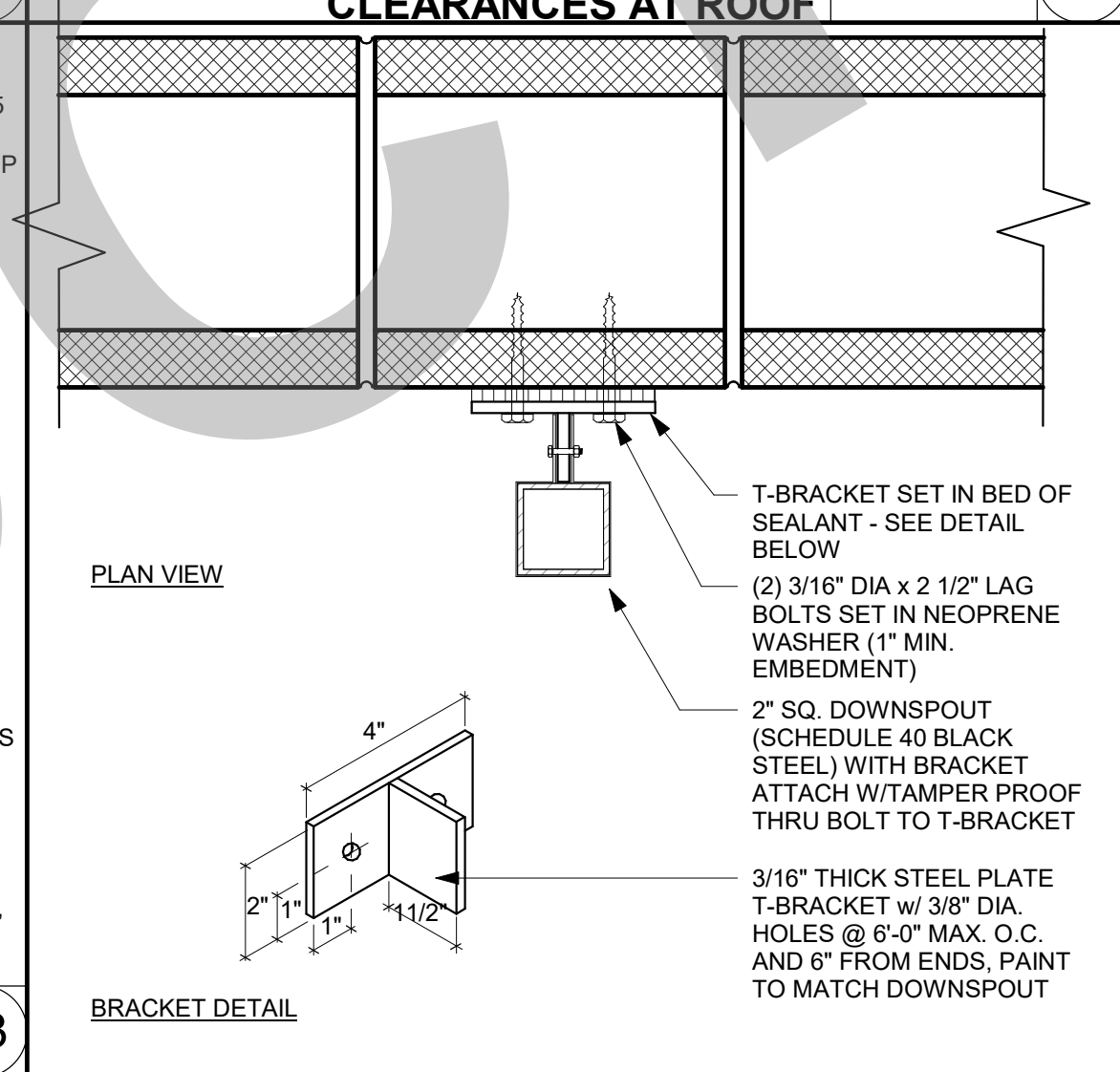
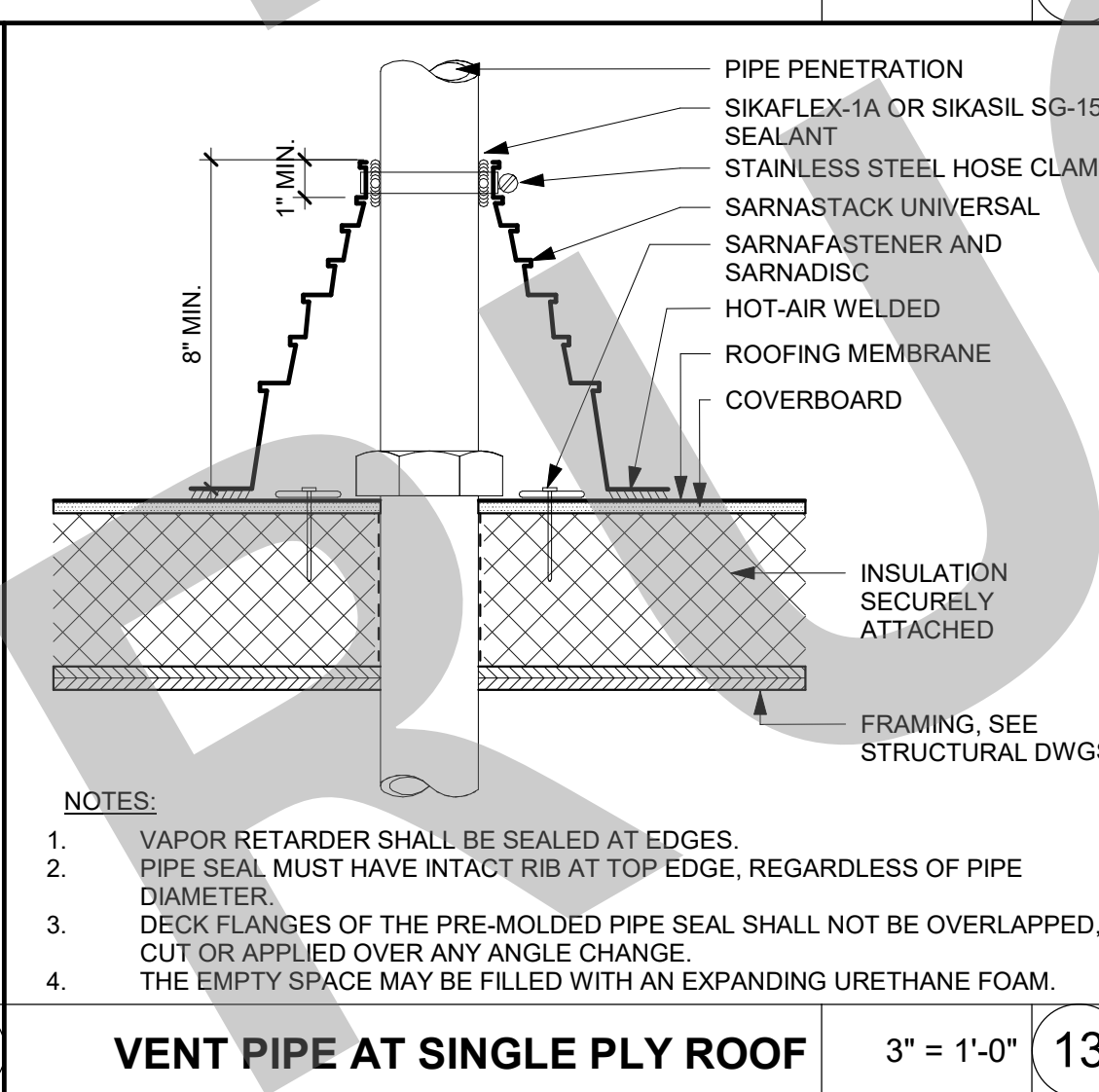
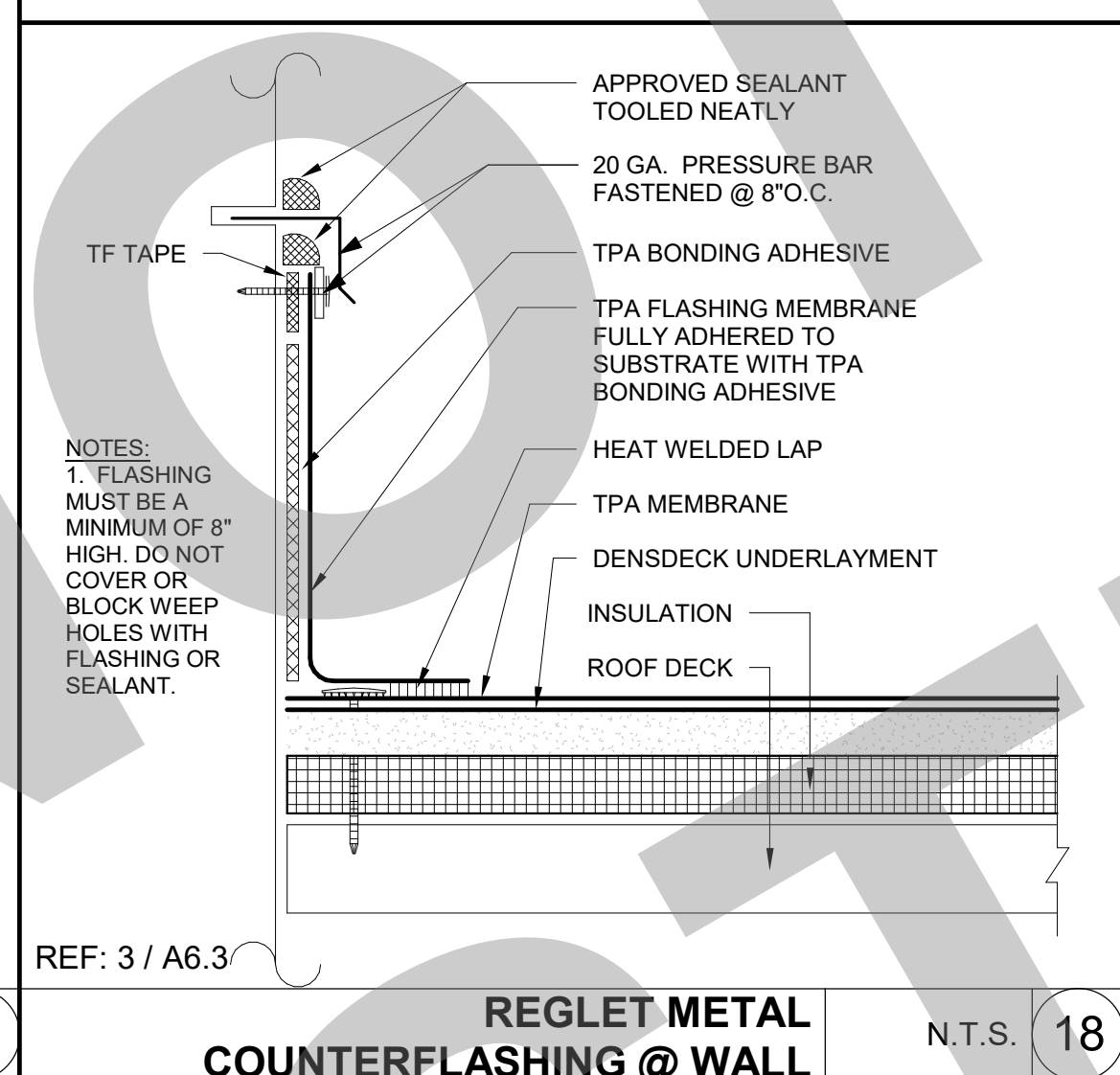
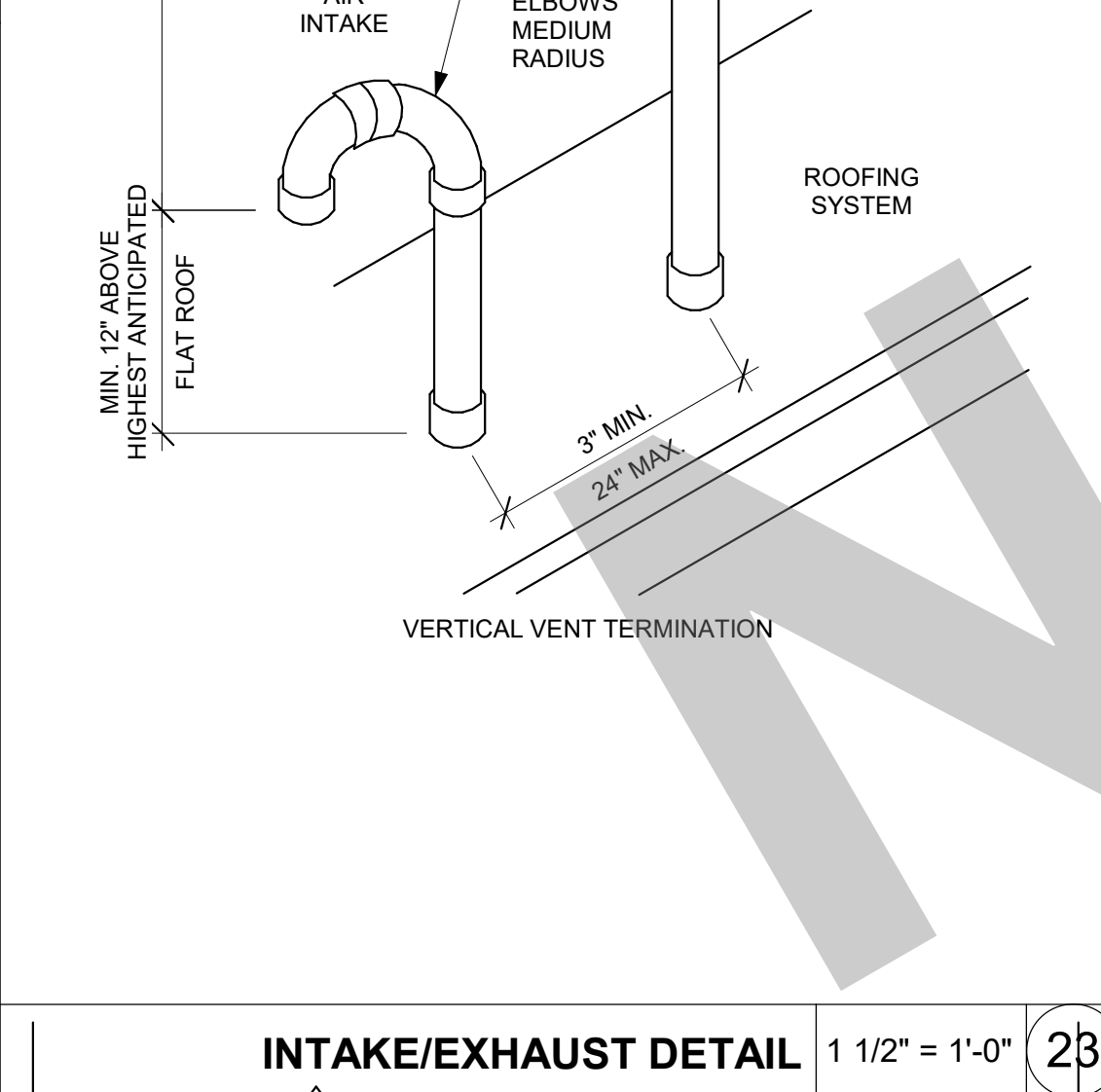
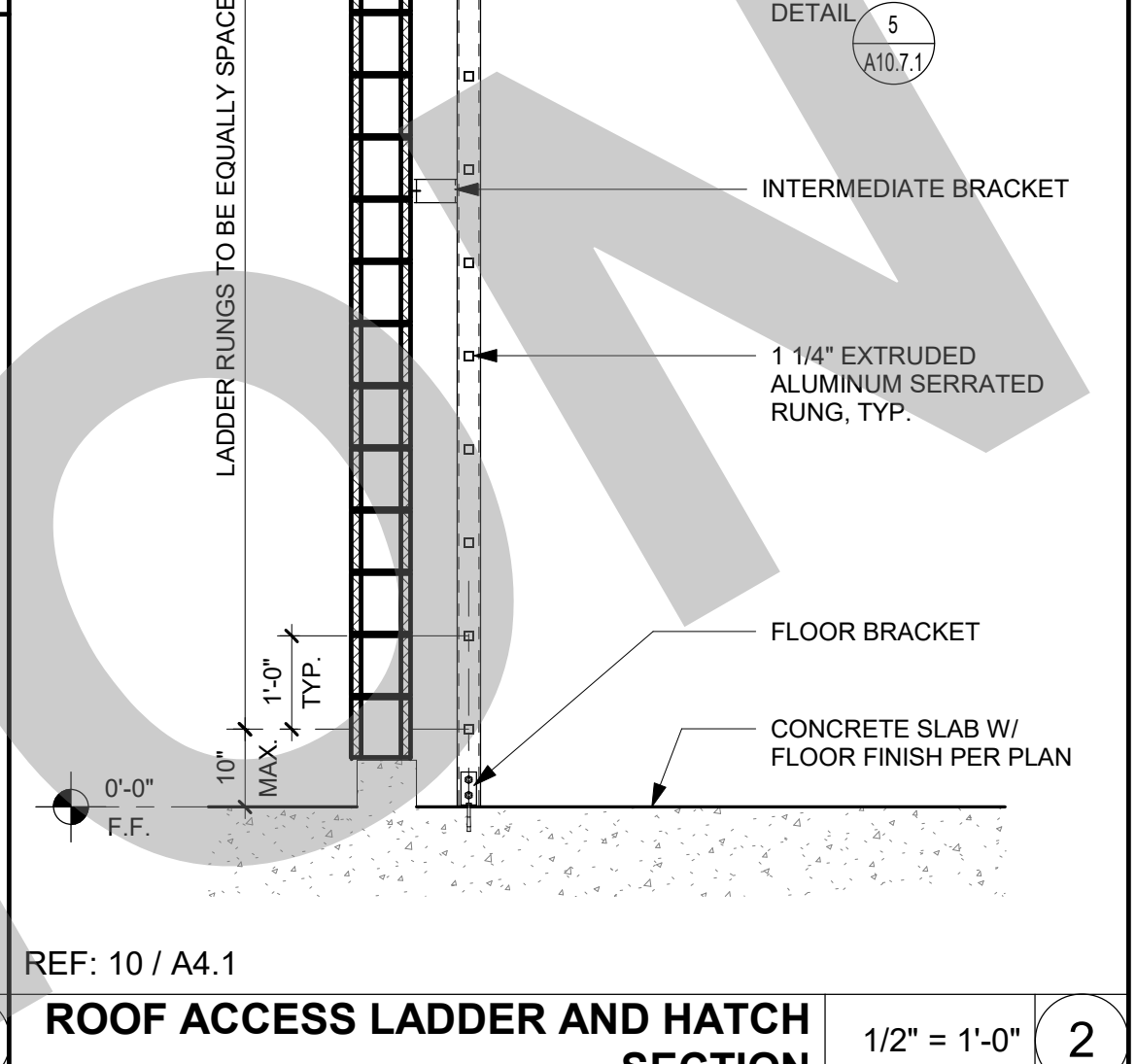
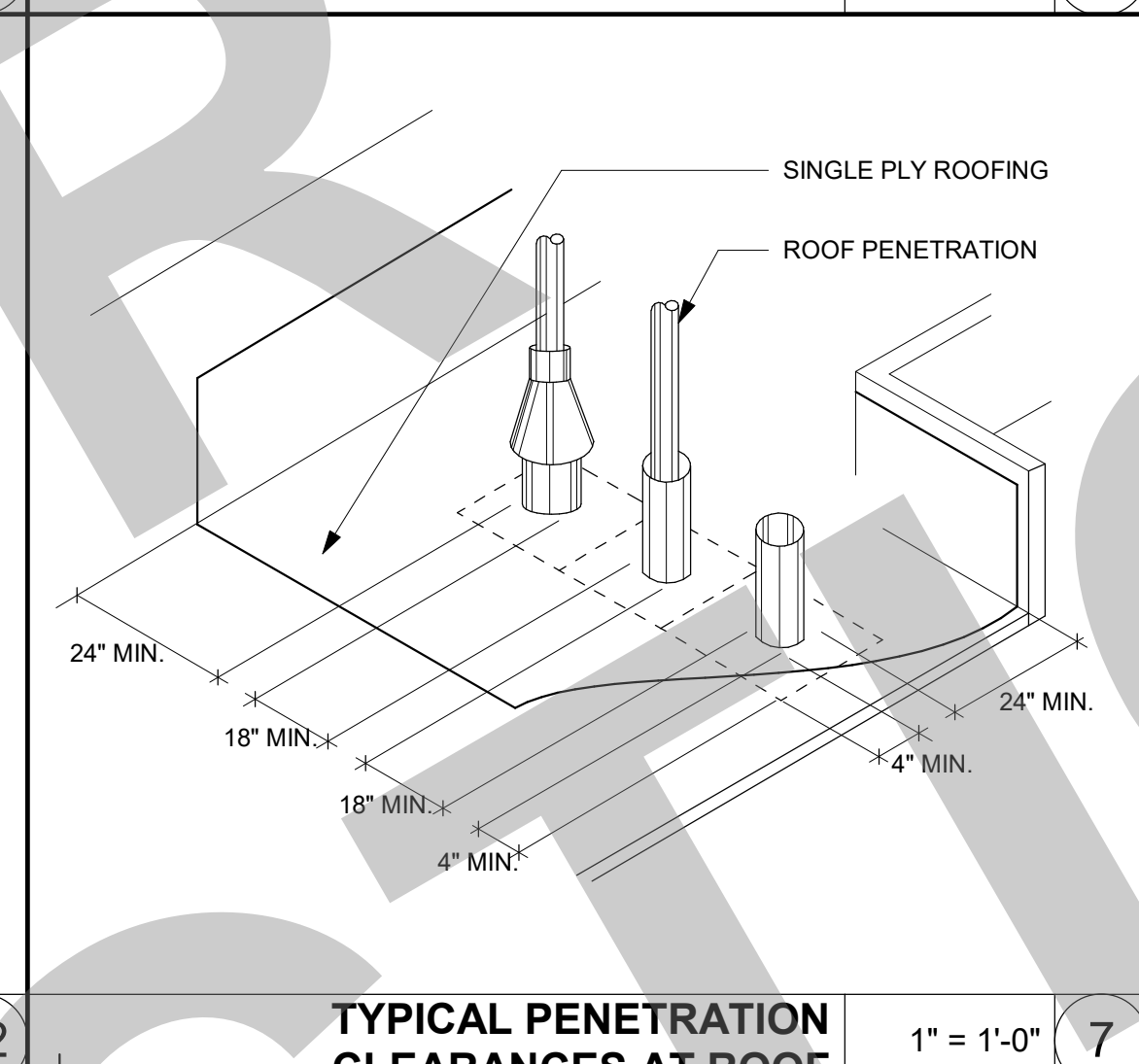
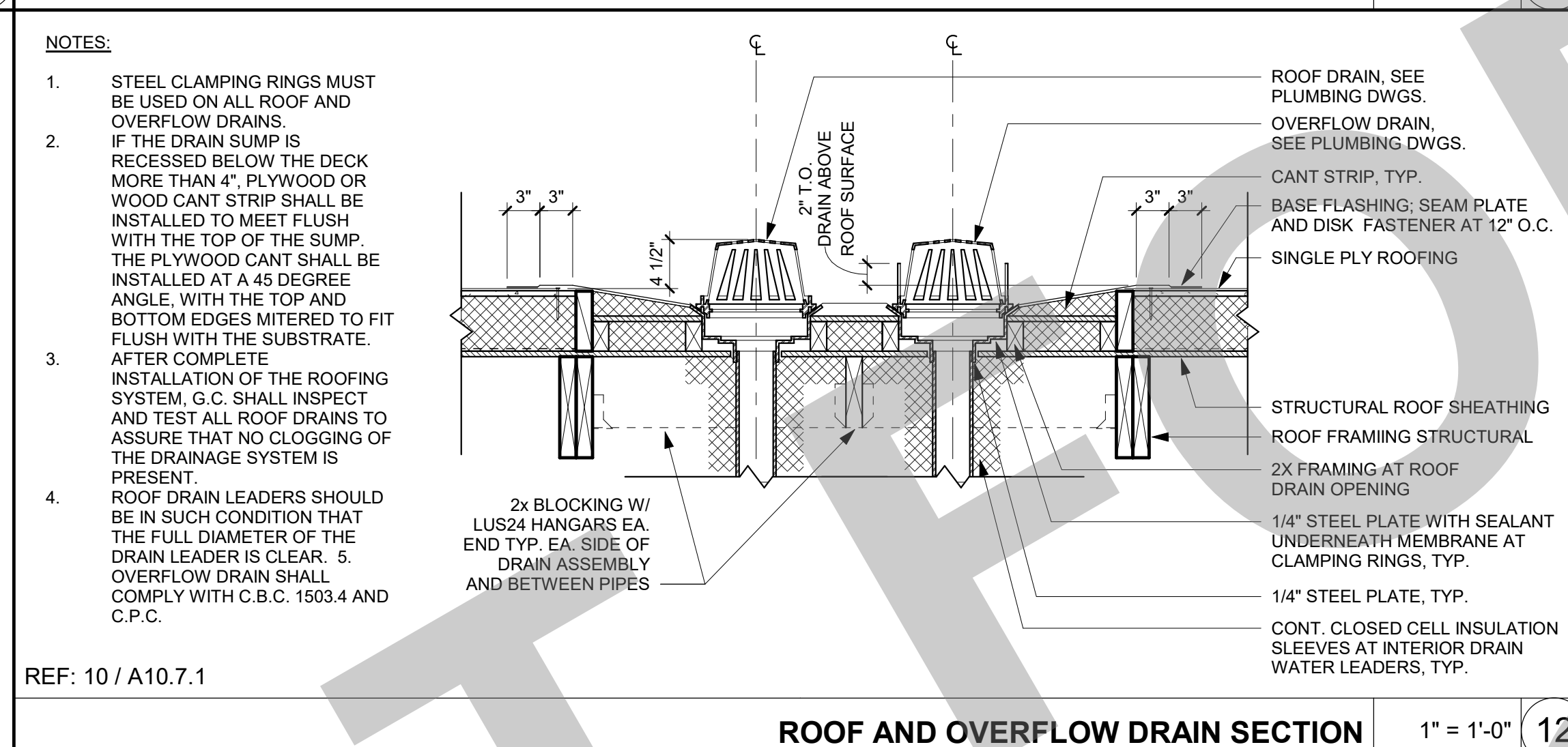
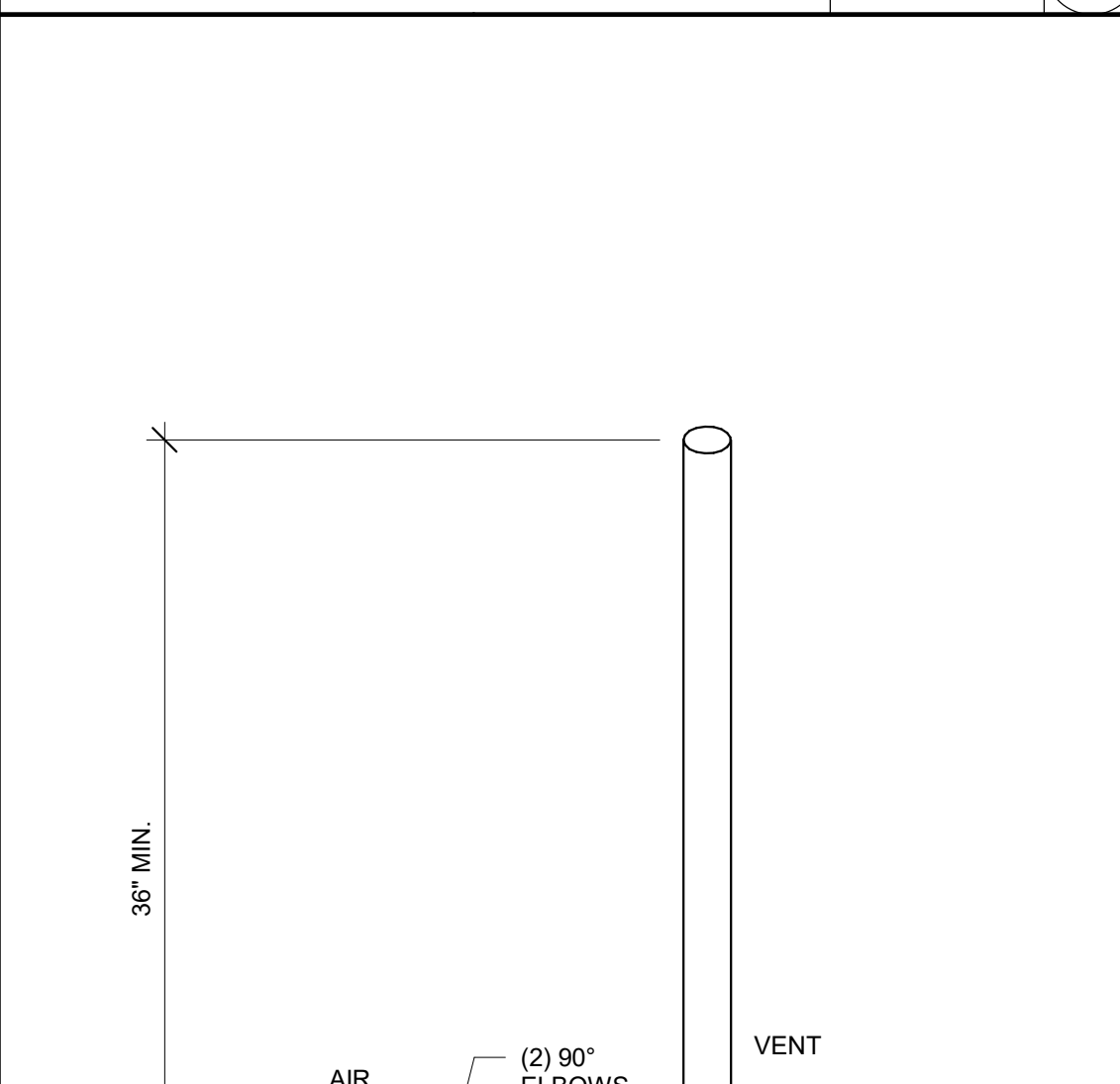
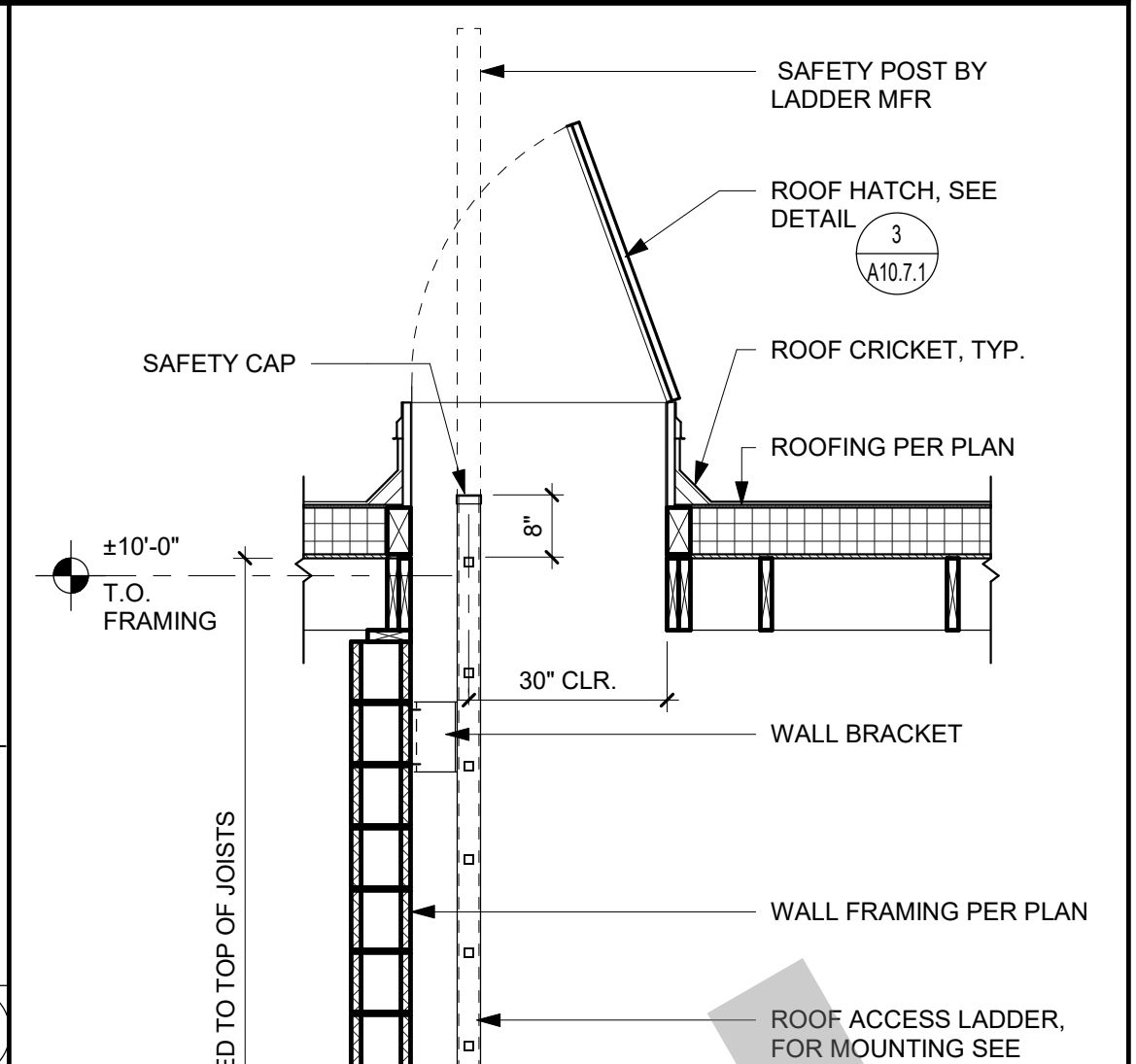
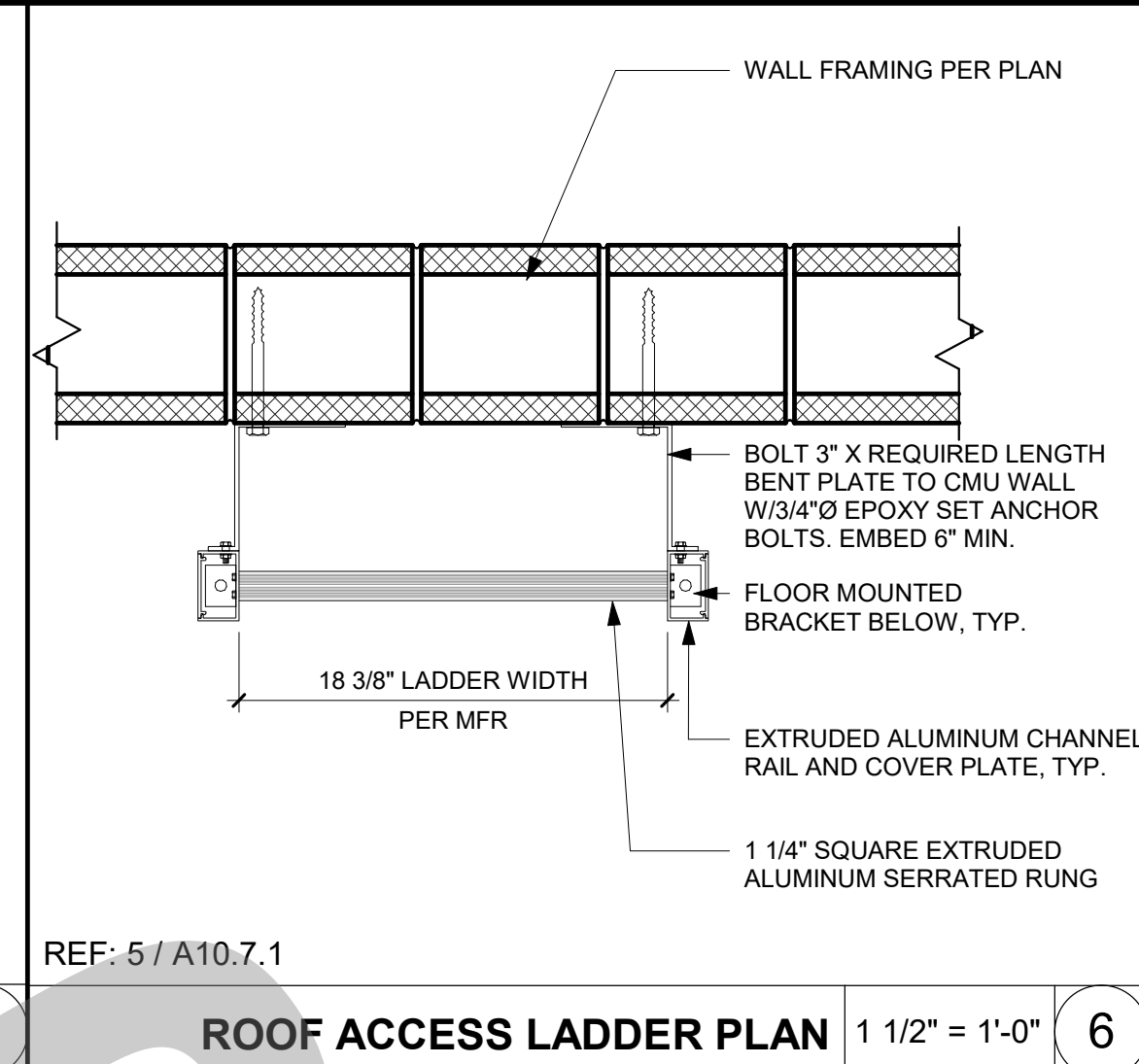
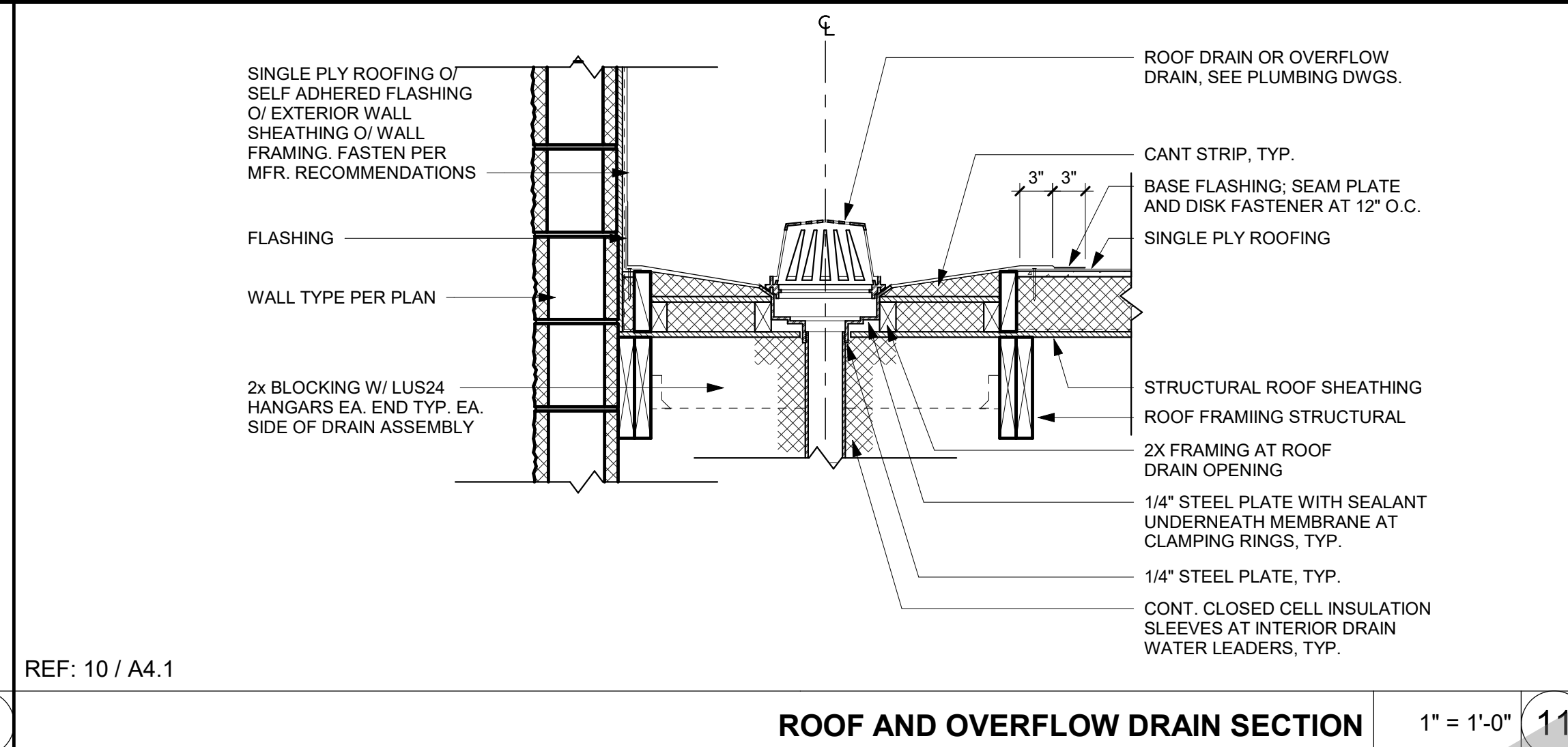
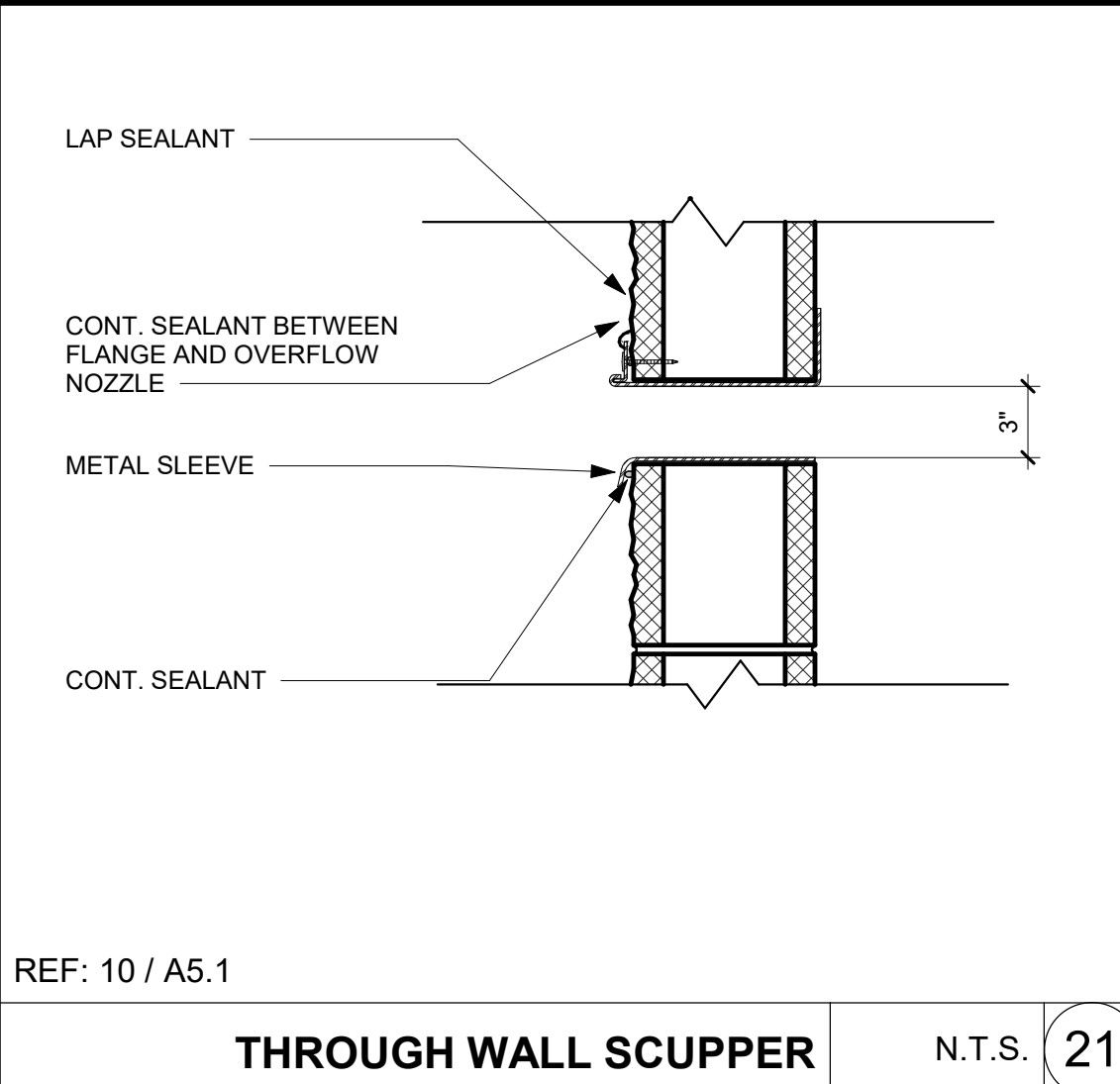
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Date: 07/17/2023
Application Number: XX-XXXXXX
Drawing Number: A10.2.3
Project Number: 22009
Drawing Number: XX-XXXXXX



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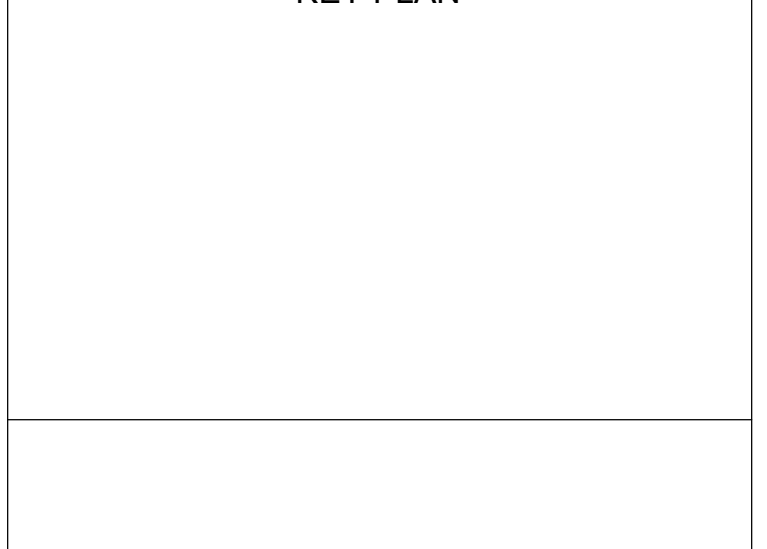
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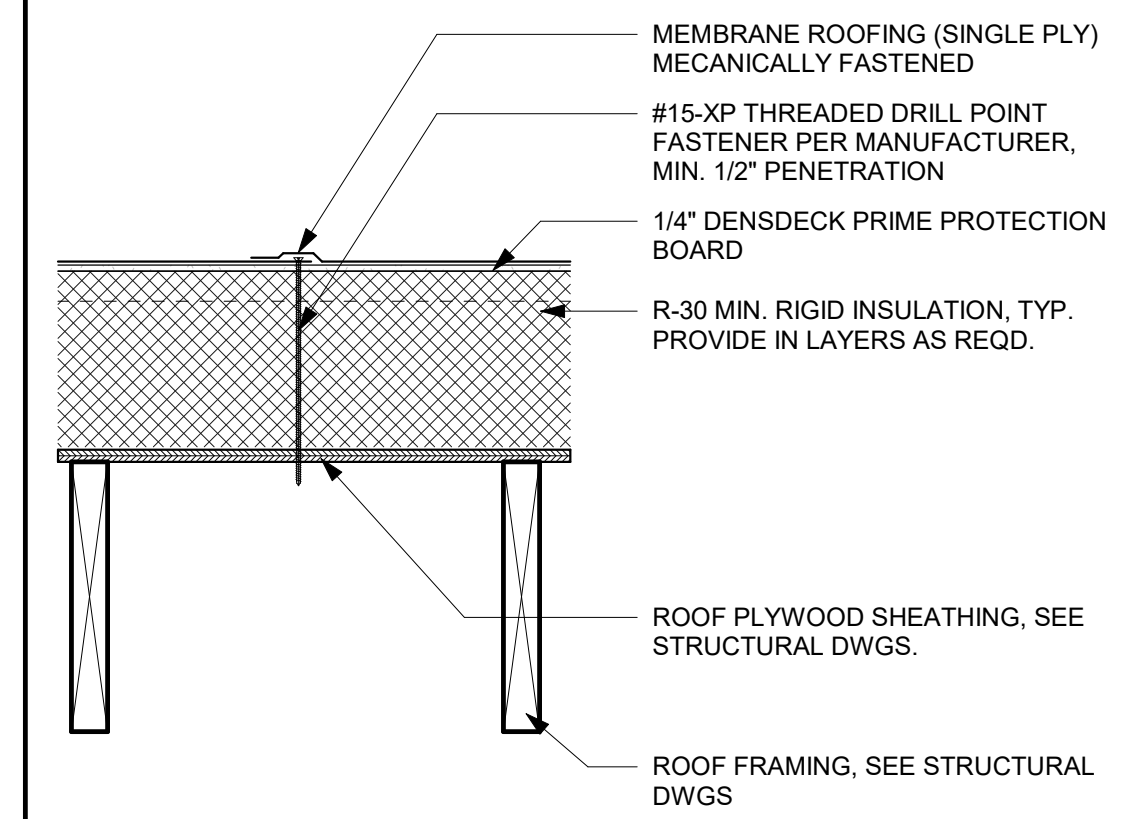
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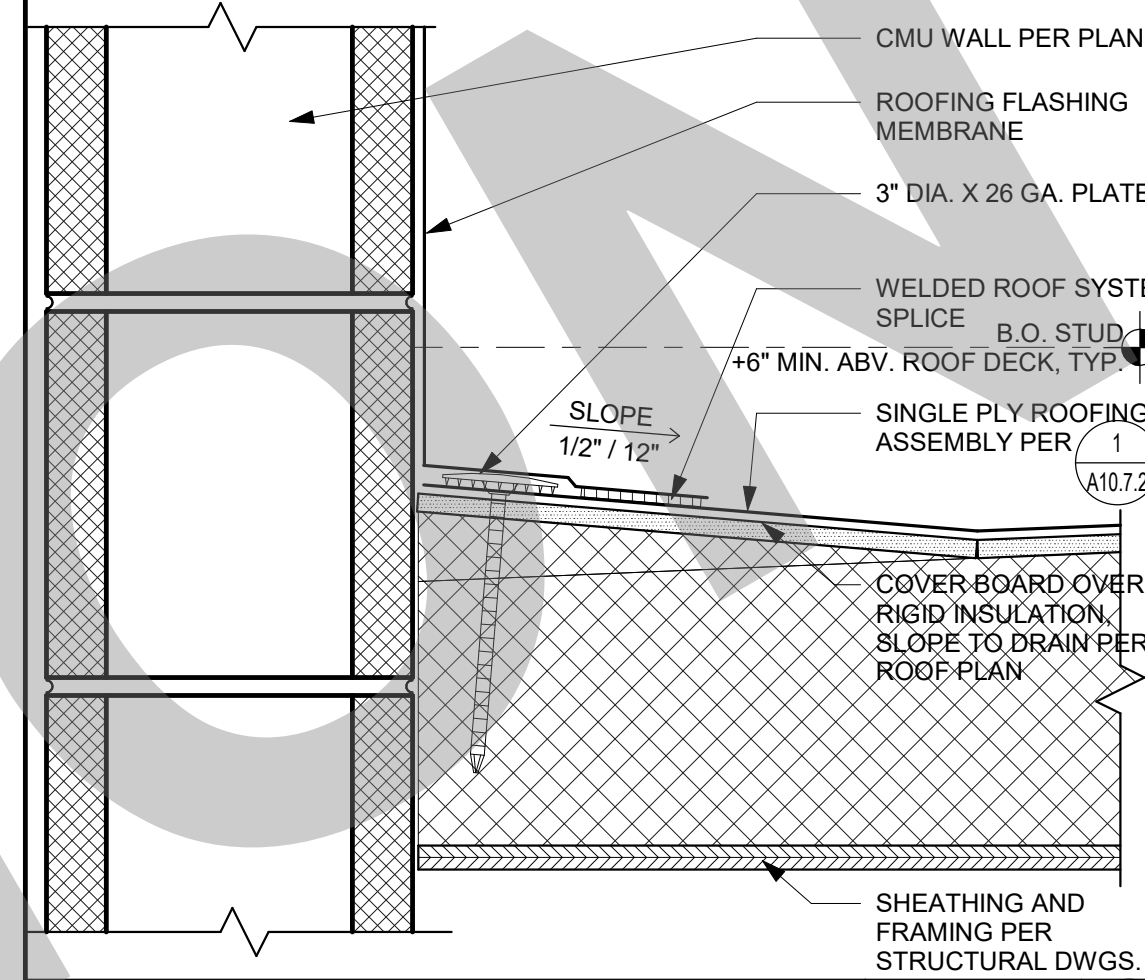
ROOF DETAILS

Date: 07/17/2023
Project Number: 22009
Application Number: XX-XXXXXX
Drawing Number: A10.7.1
Drawn: []
Checked: []
Author: []
Checker: []

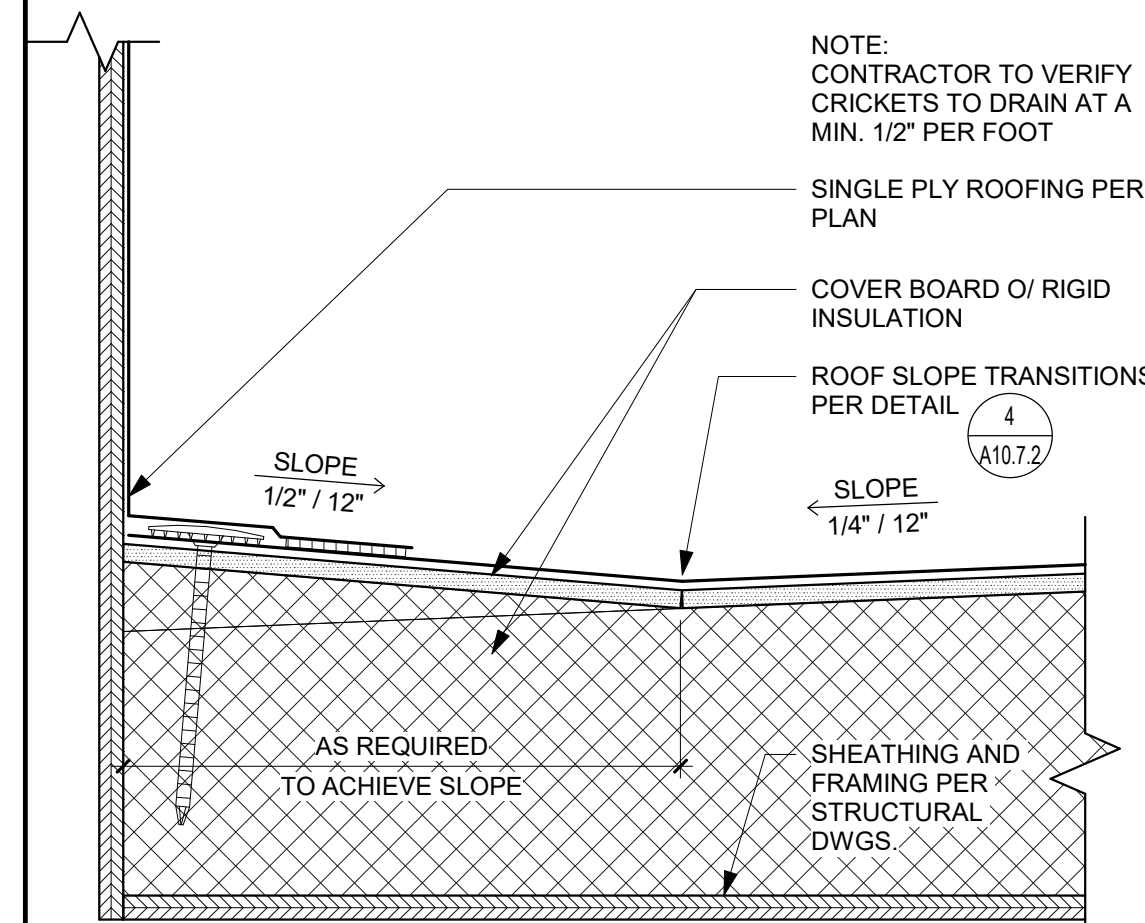
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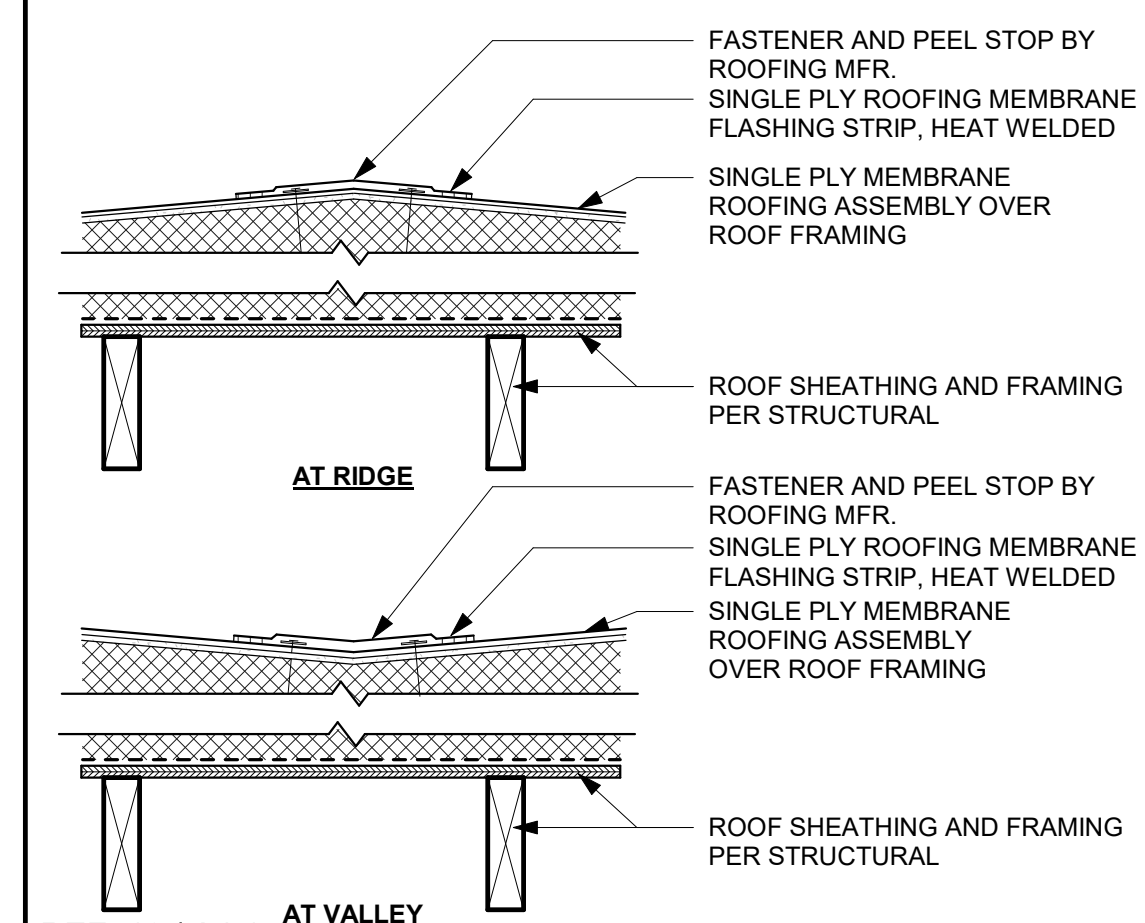
MEMBRANE ROOF ASSEMBLY 1 1/2" = 1'-0" 1



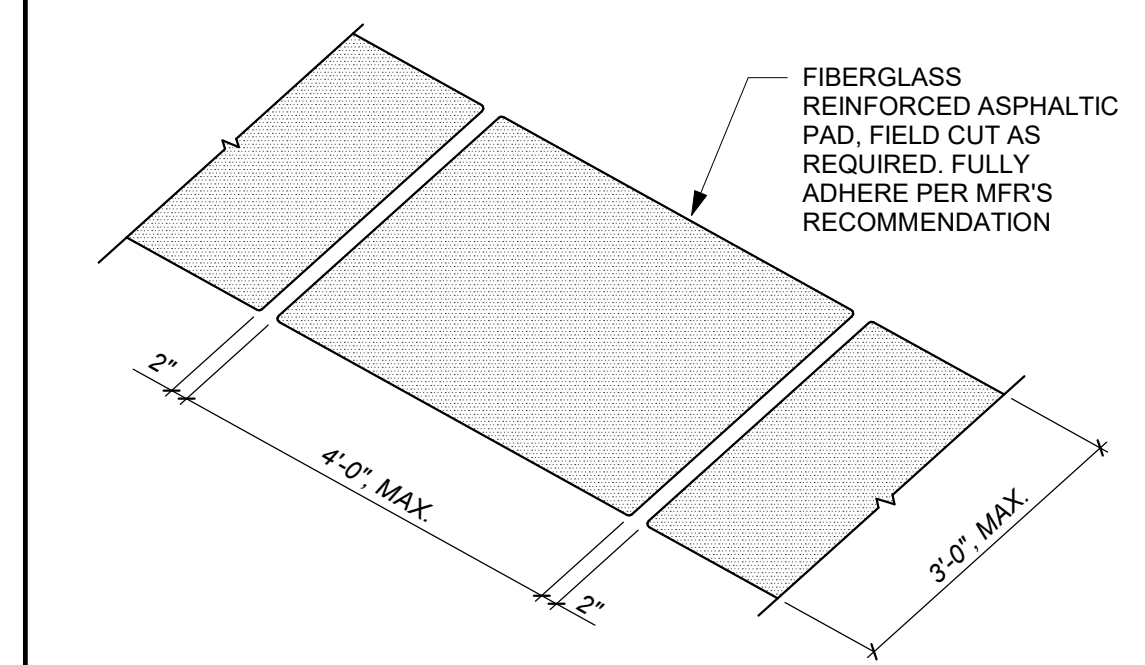
PARAPET TO ROOF 3" = 1'-0" 2



CRICKET 3" = 1'-0" 3



ROOF TRANSITIONS 1 1/2" = 1'-0" 4



WALK PADS ARE REQUIRED ON MEMBRANE ROOFS. INSTALL 12" MAX. APART AND 12" AWAY FROM WALLS AND CURBS. PROVIDE AT ALL ROOF ENTRY AND EXIT POINTS AND IN FRONT OF SERVICE DOORS OR PANELS IN MECHANICAL EQUIPMENT, AND OTHERWISE AS REQUIRED BY ROOF MANUFACTURER. SEE ROOF PLAN FOR ADDITIONAL LOCATIONS.

ROOF WALKWAY PADS 1/2" = 1'-0" 5

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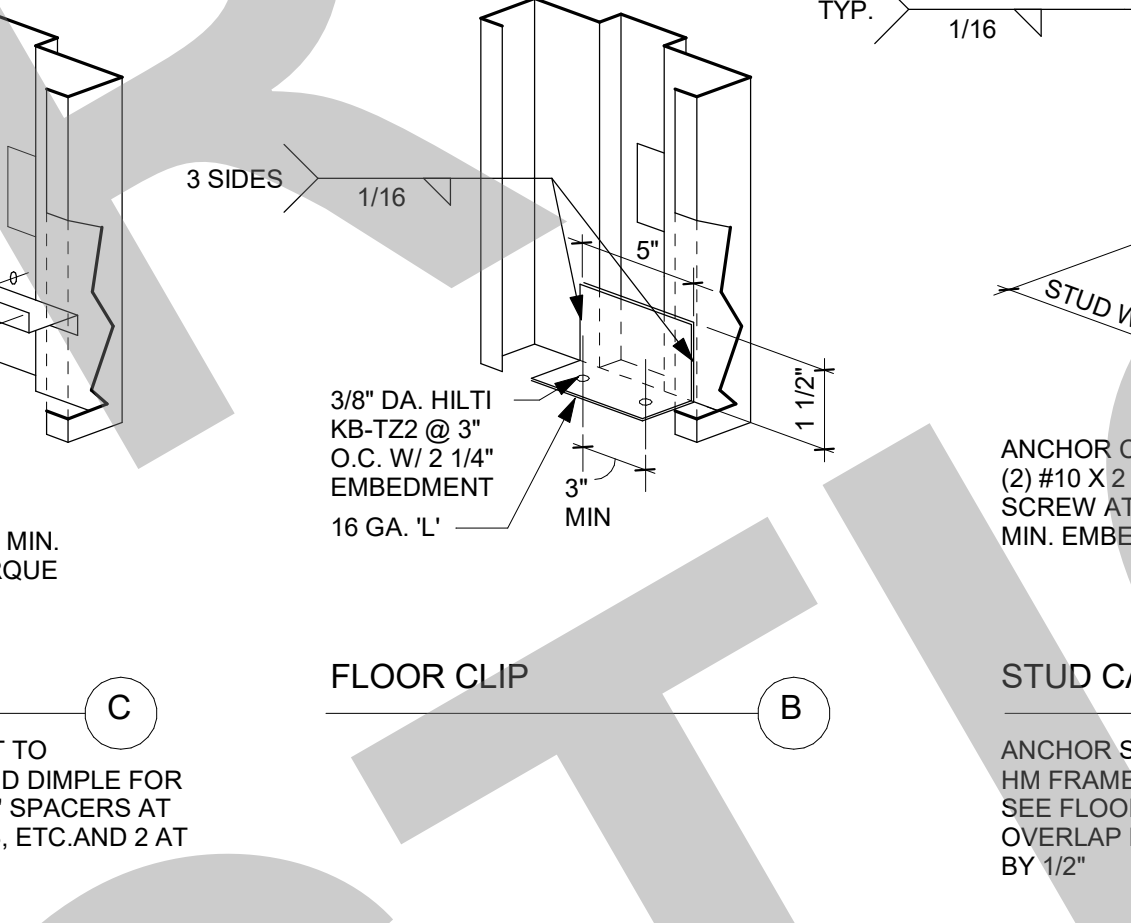
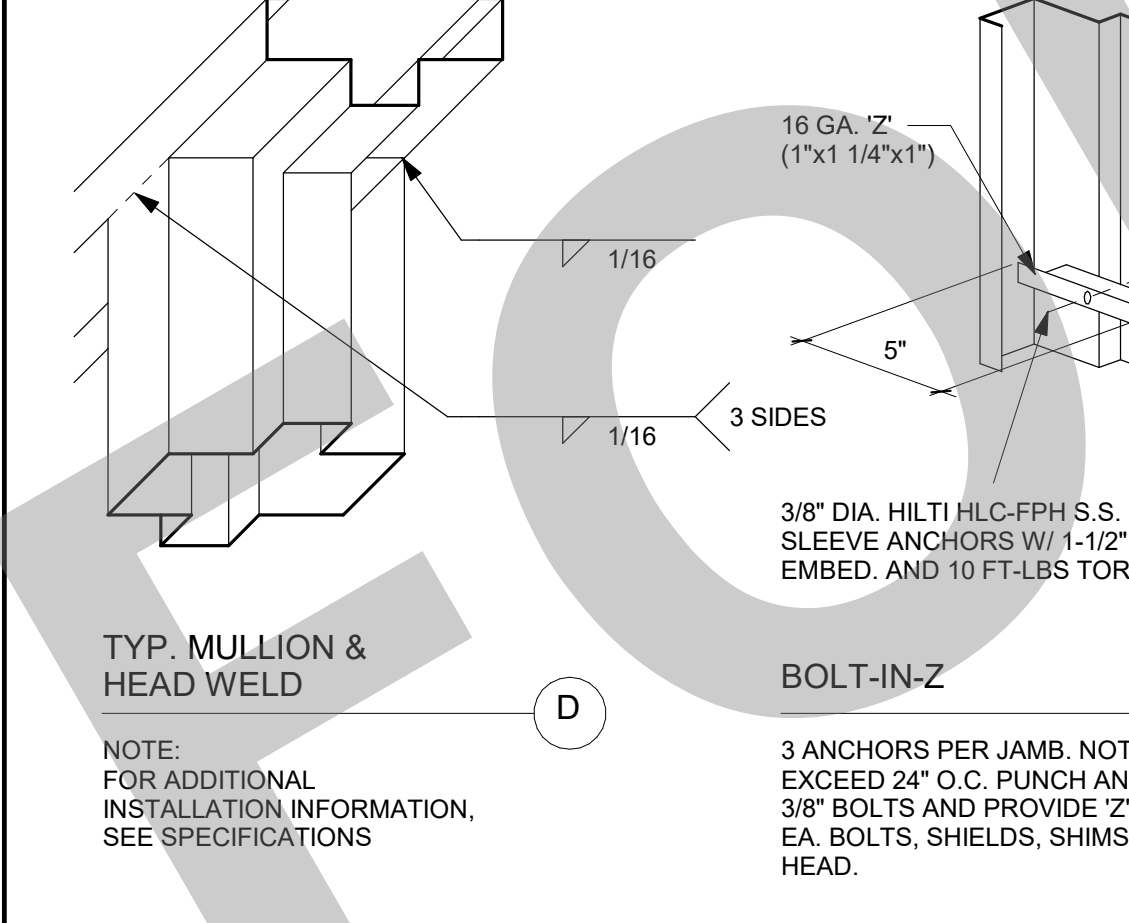
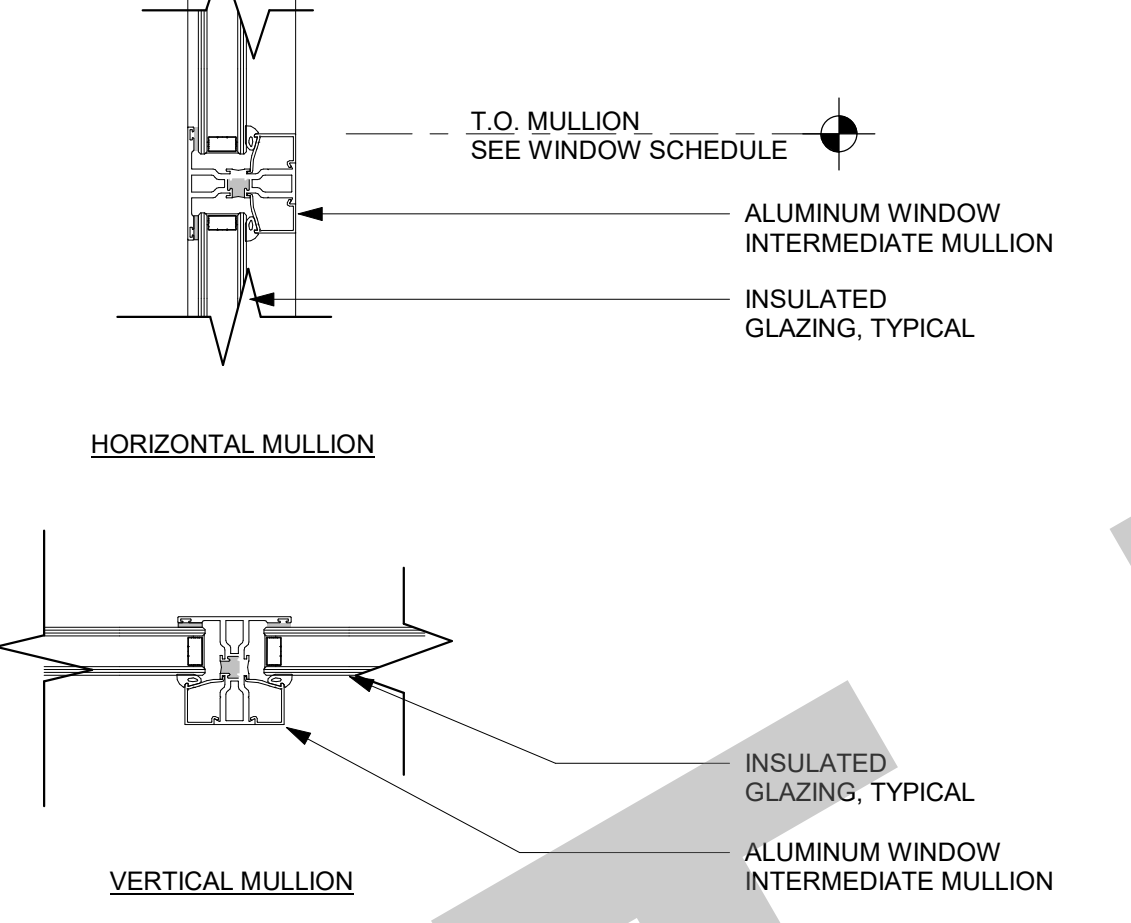
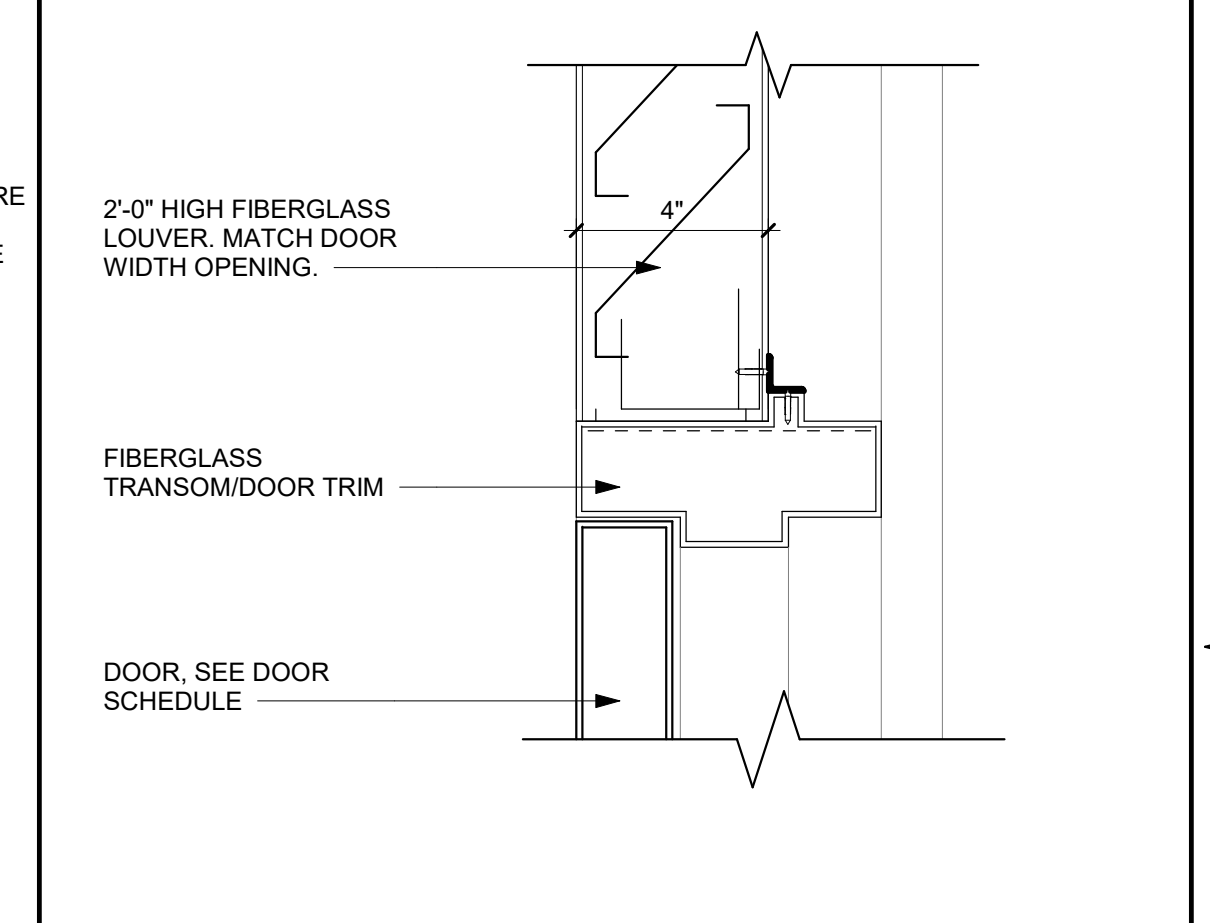
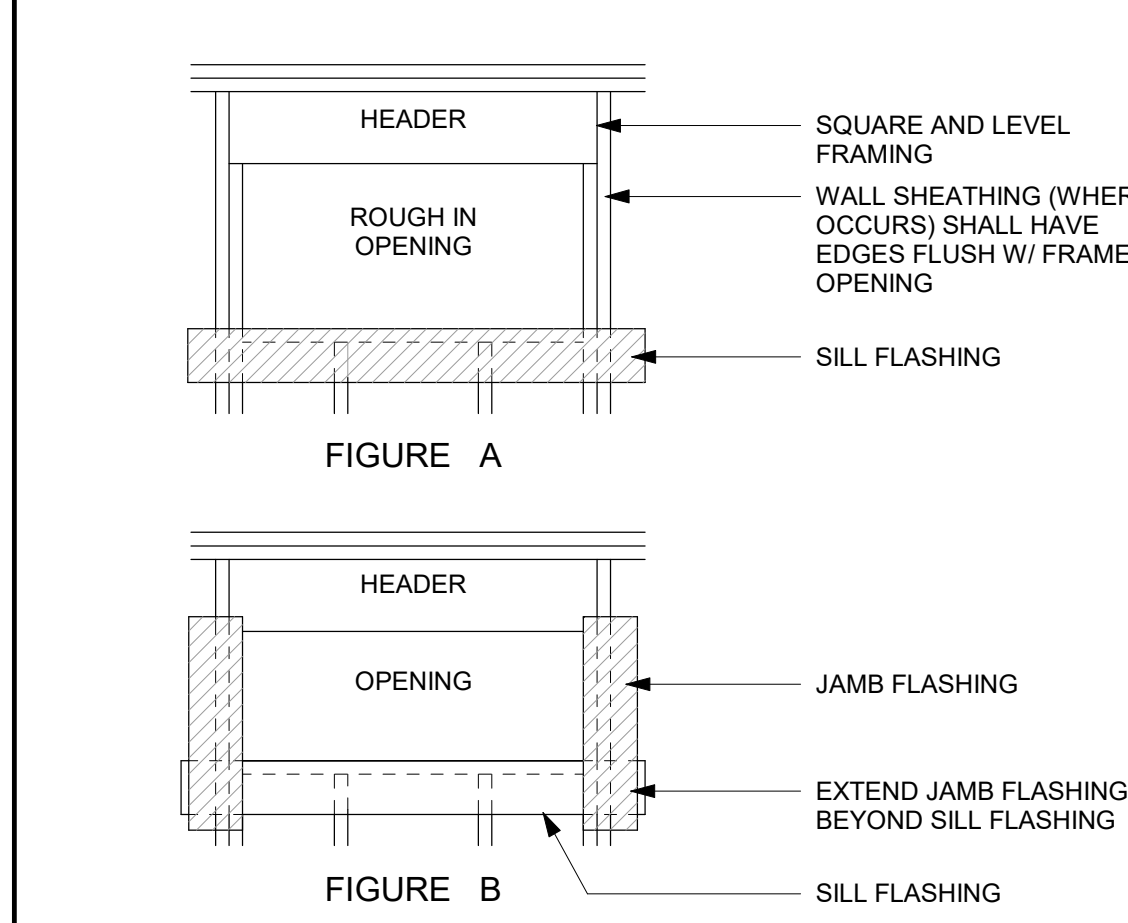
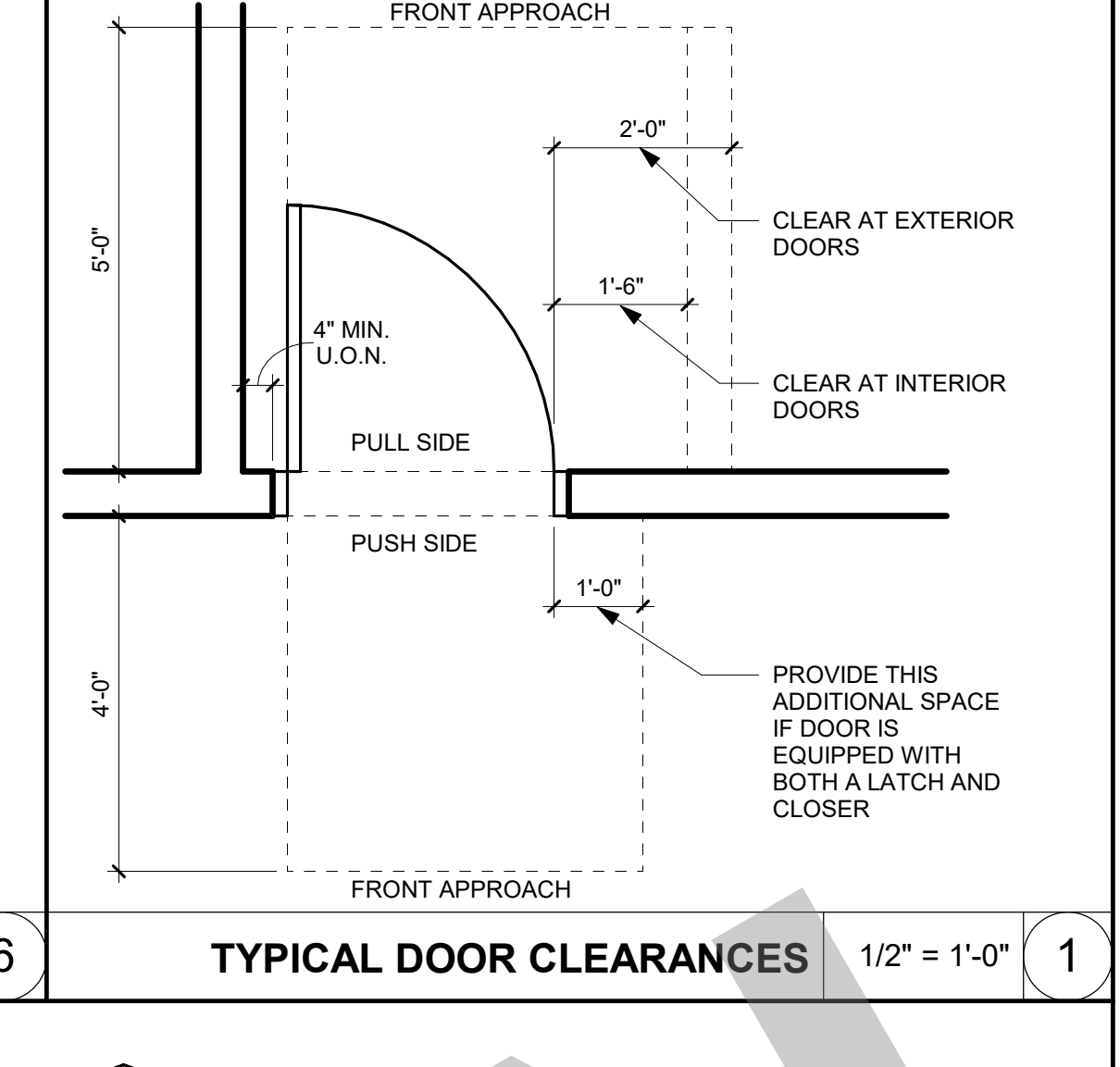
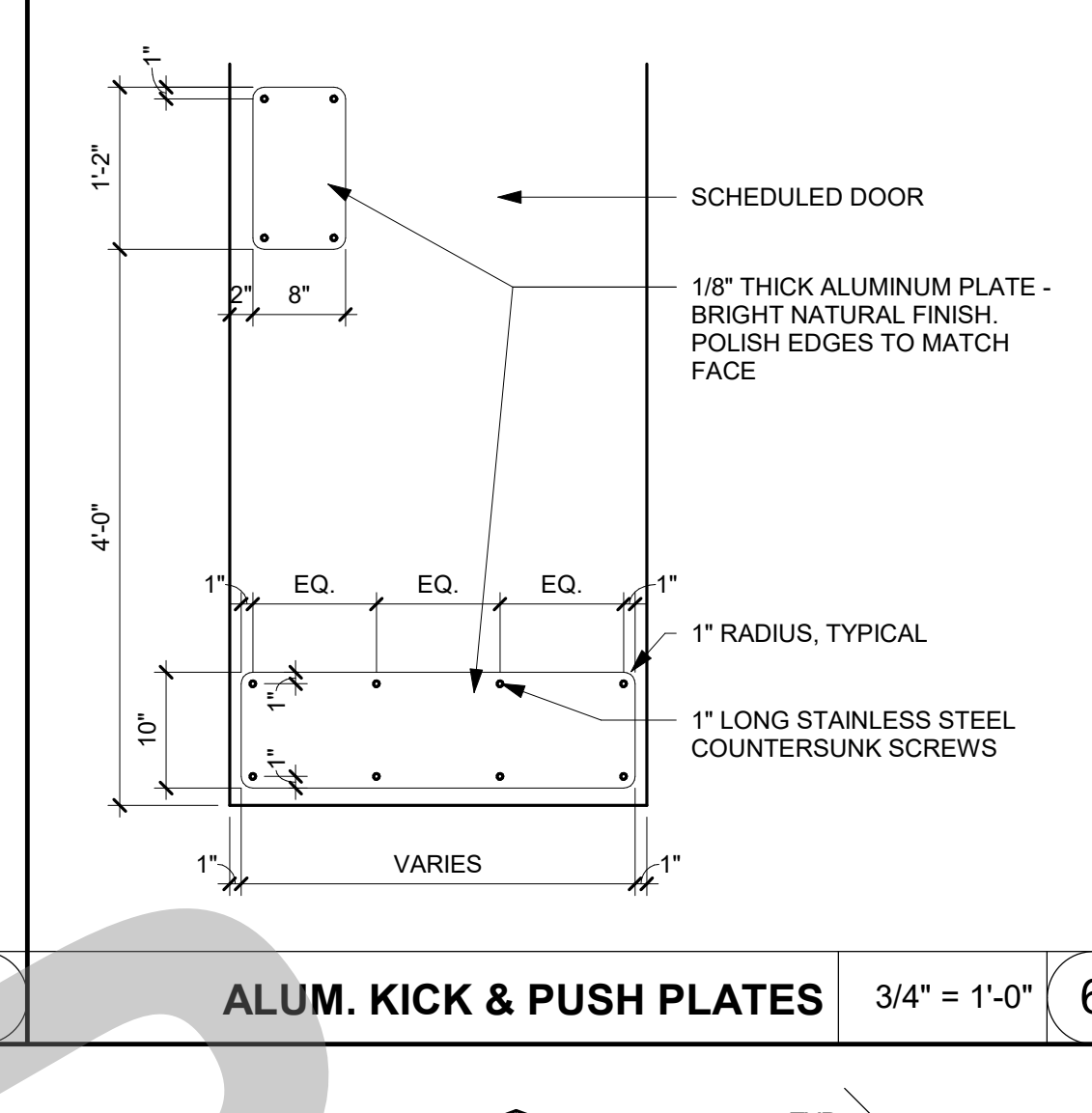
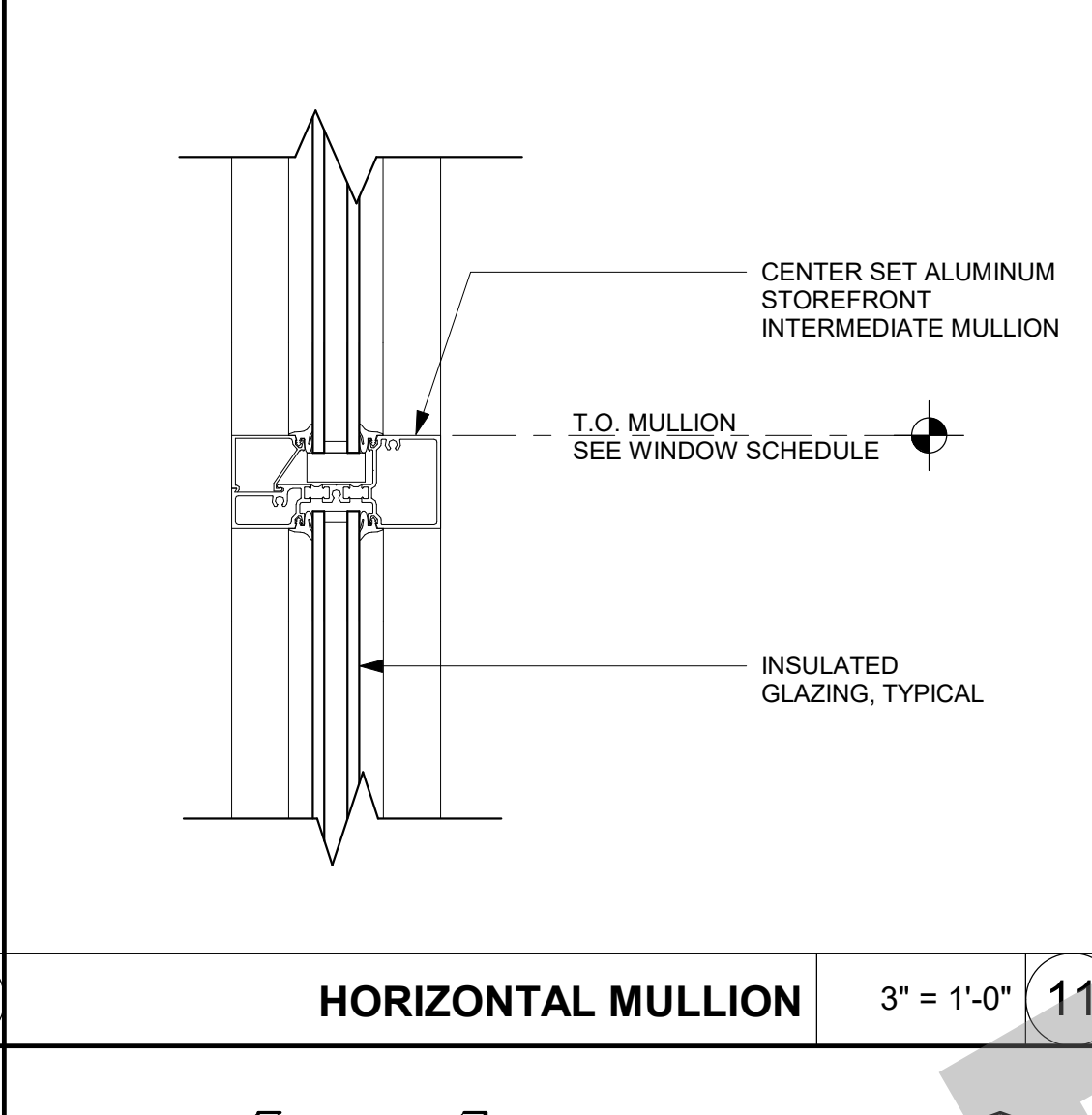
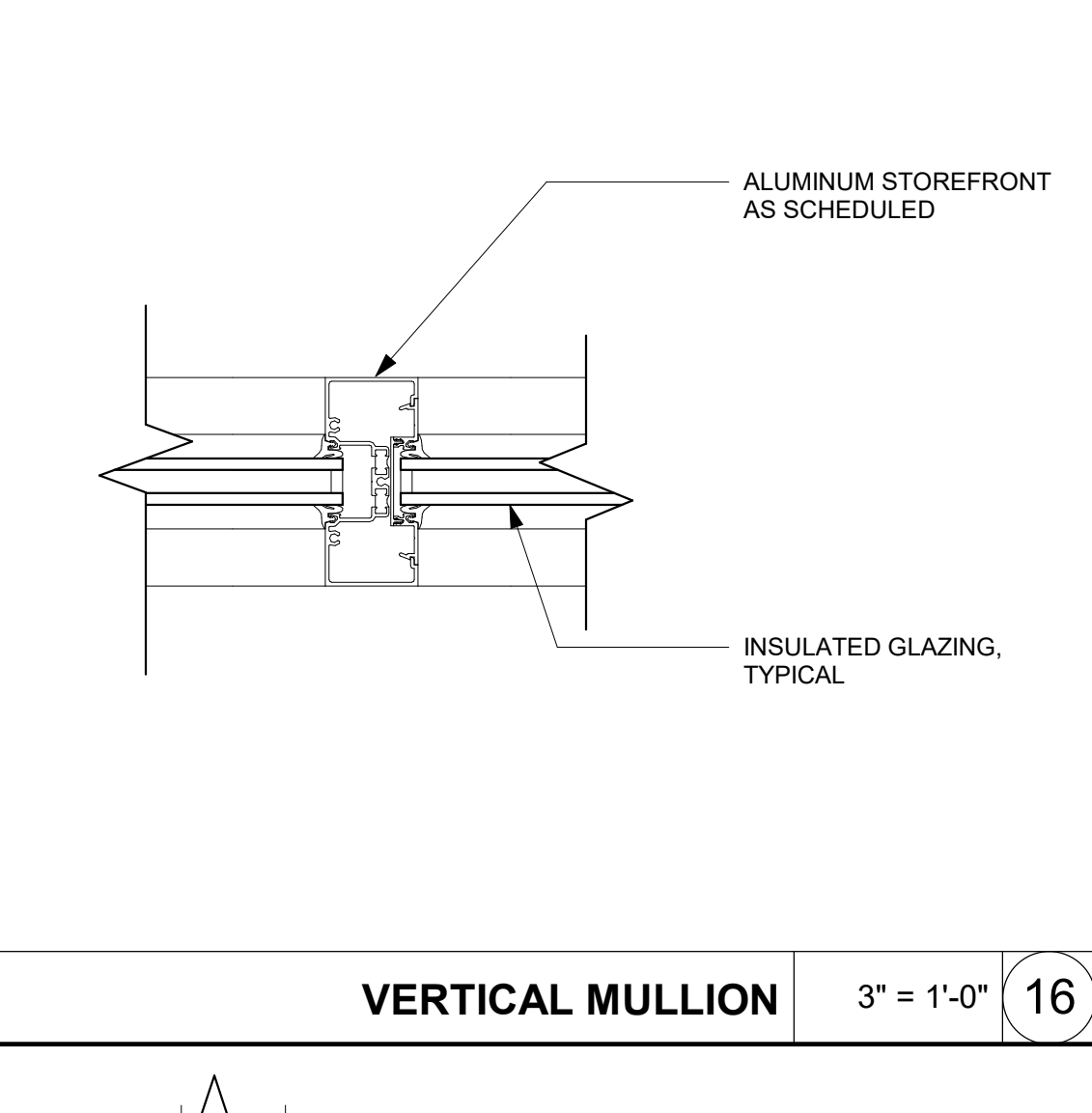
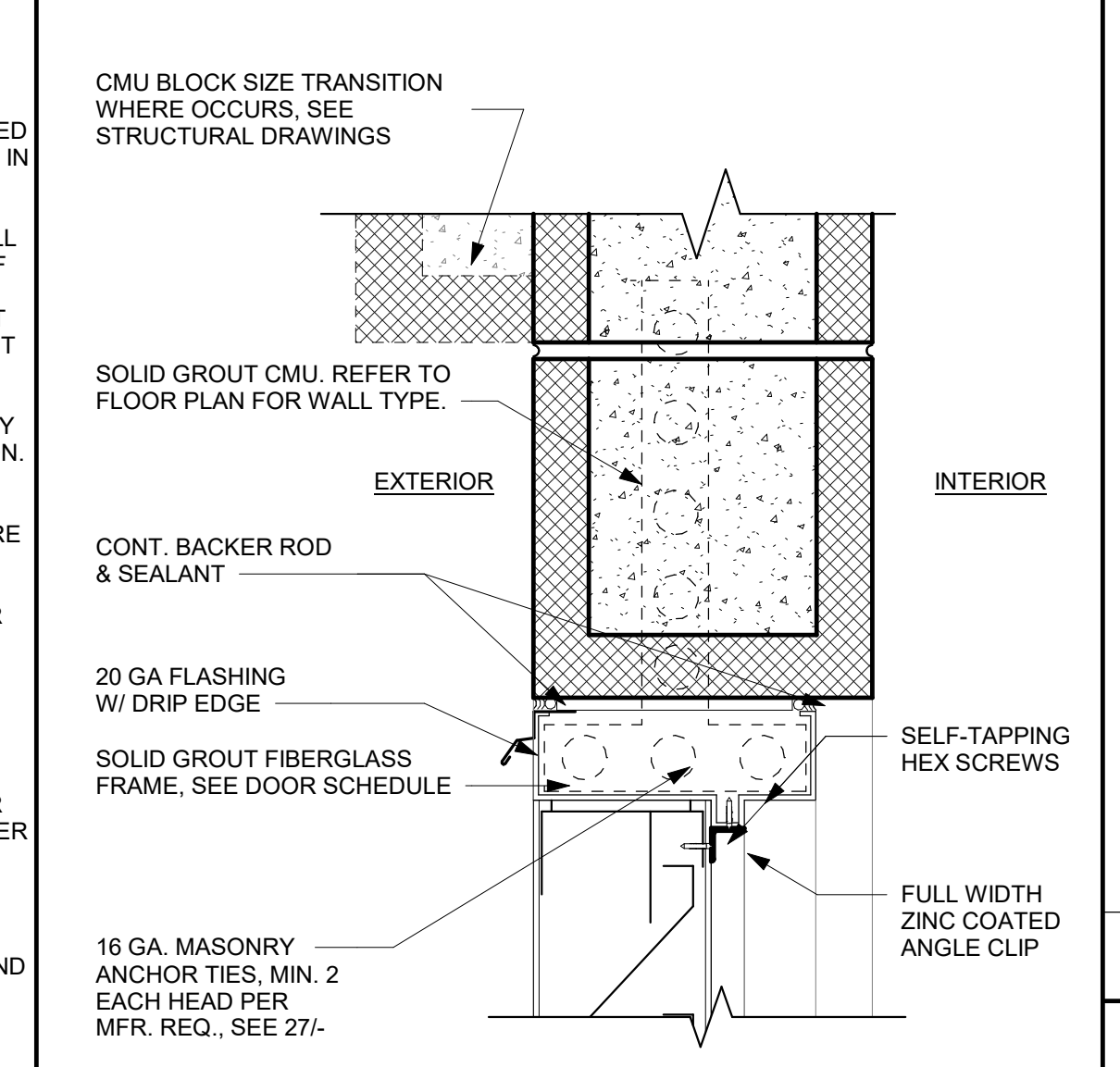
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ROOF DETAILS

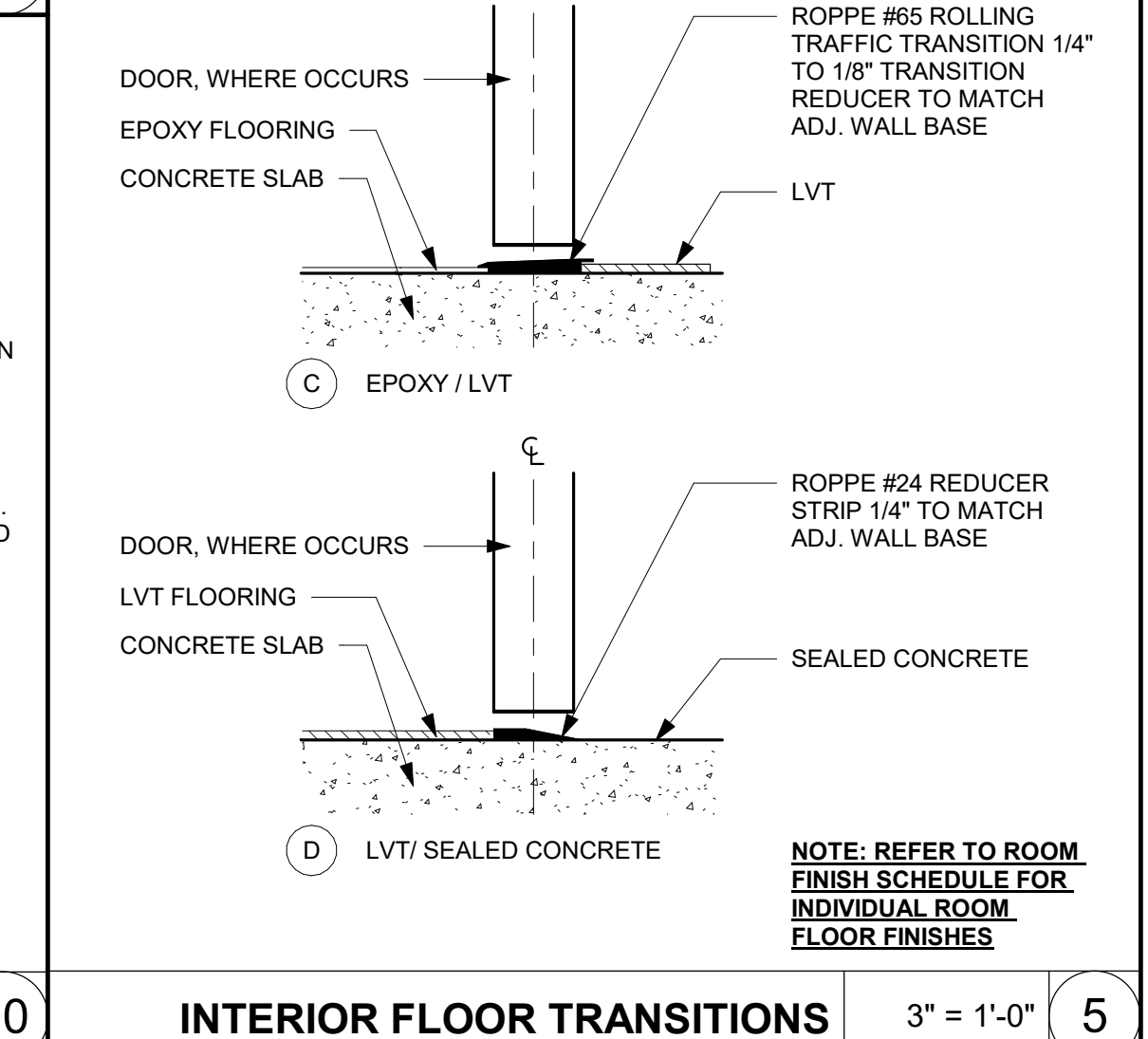
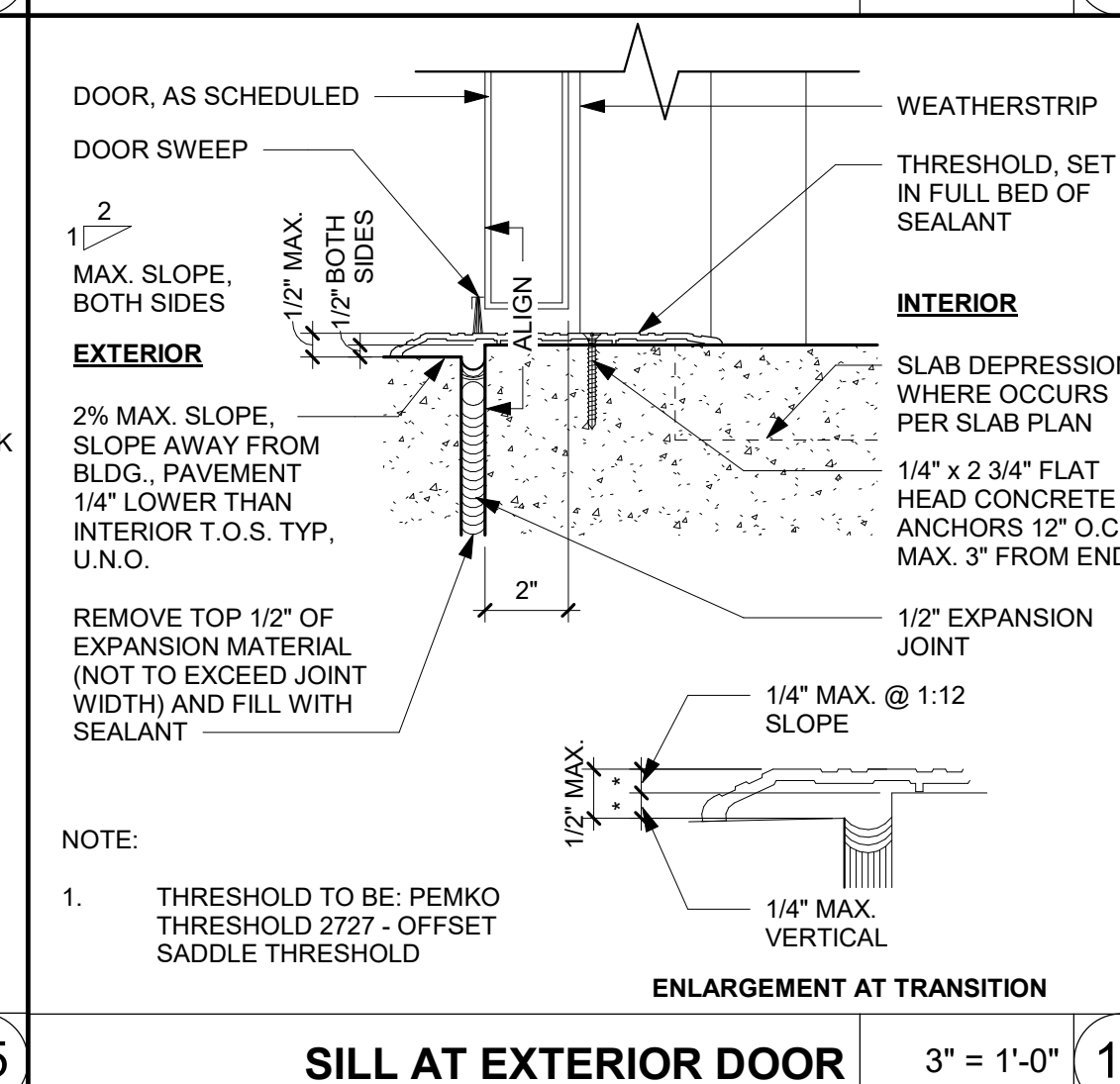
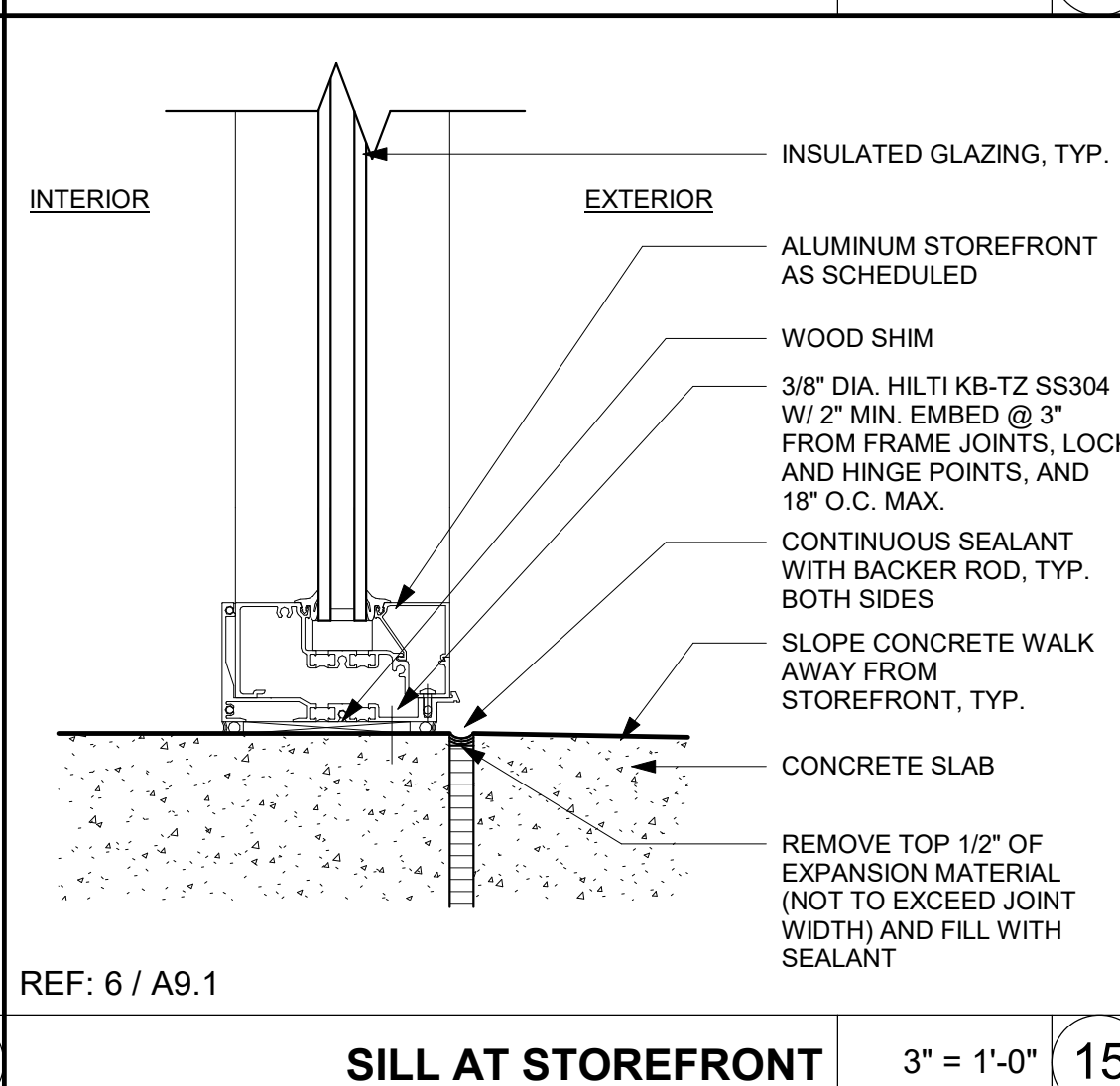
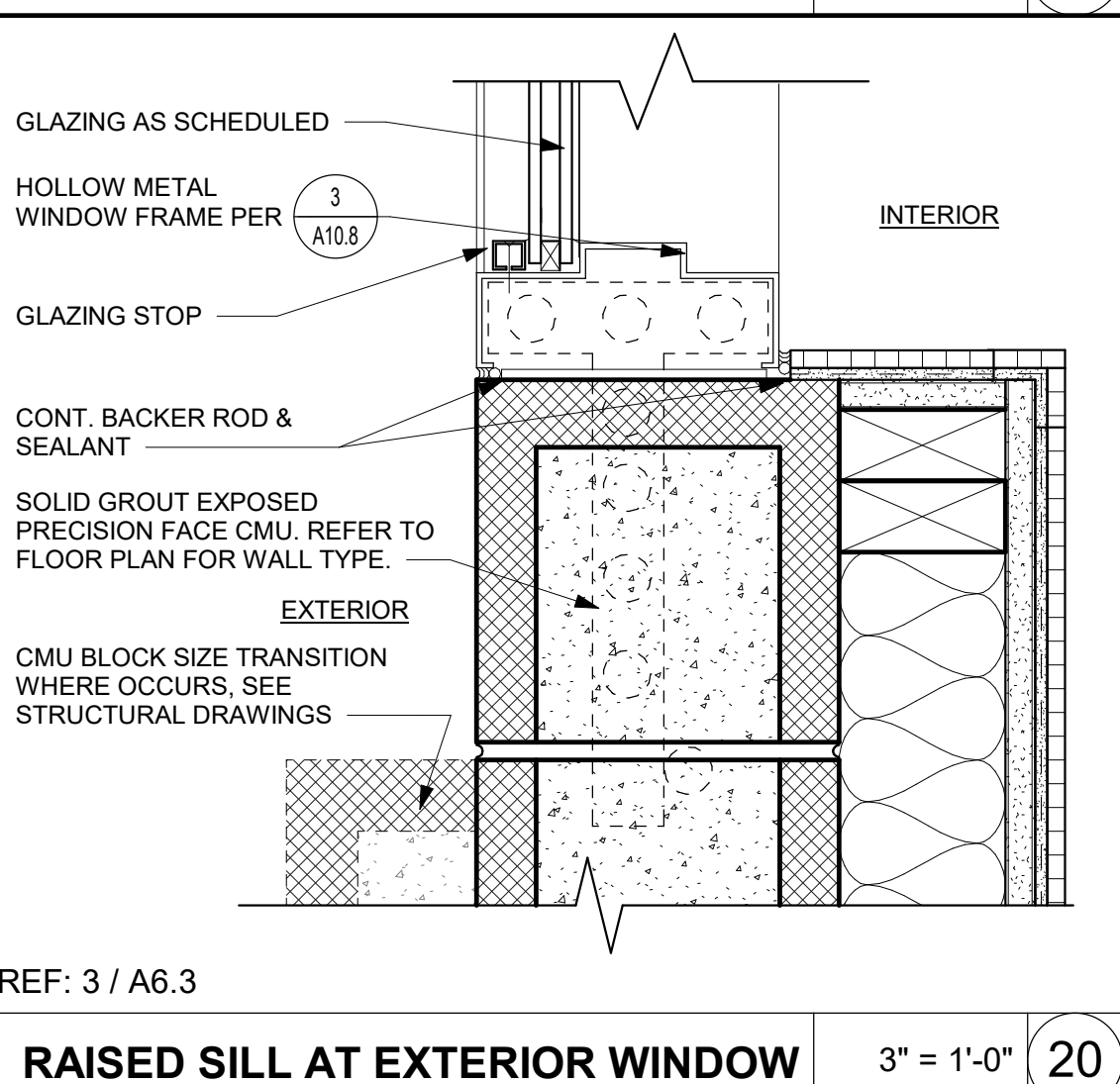
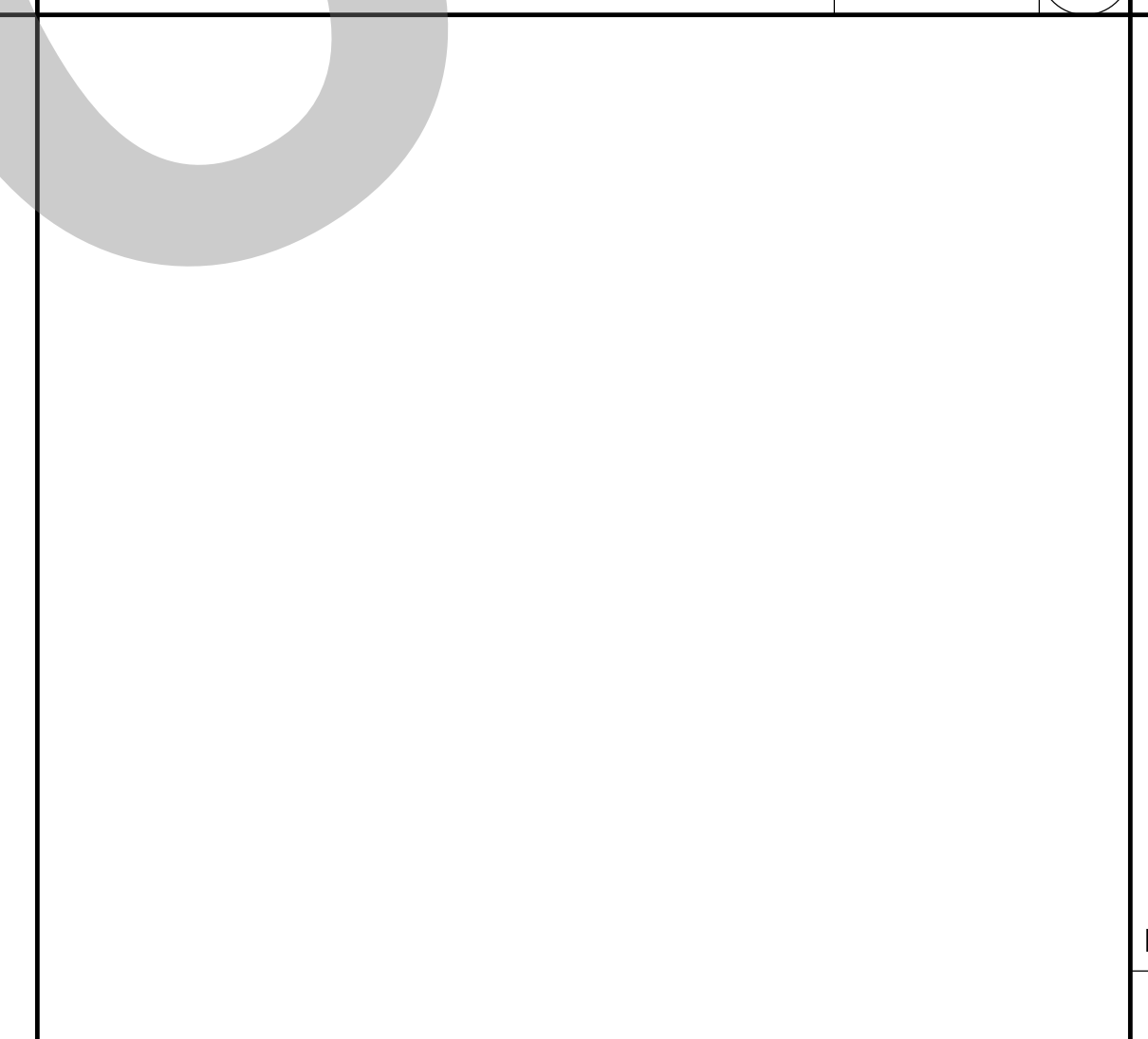
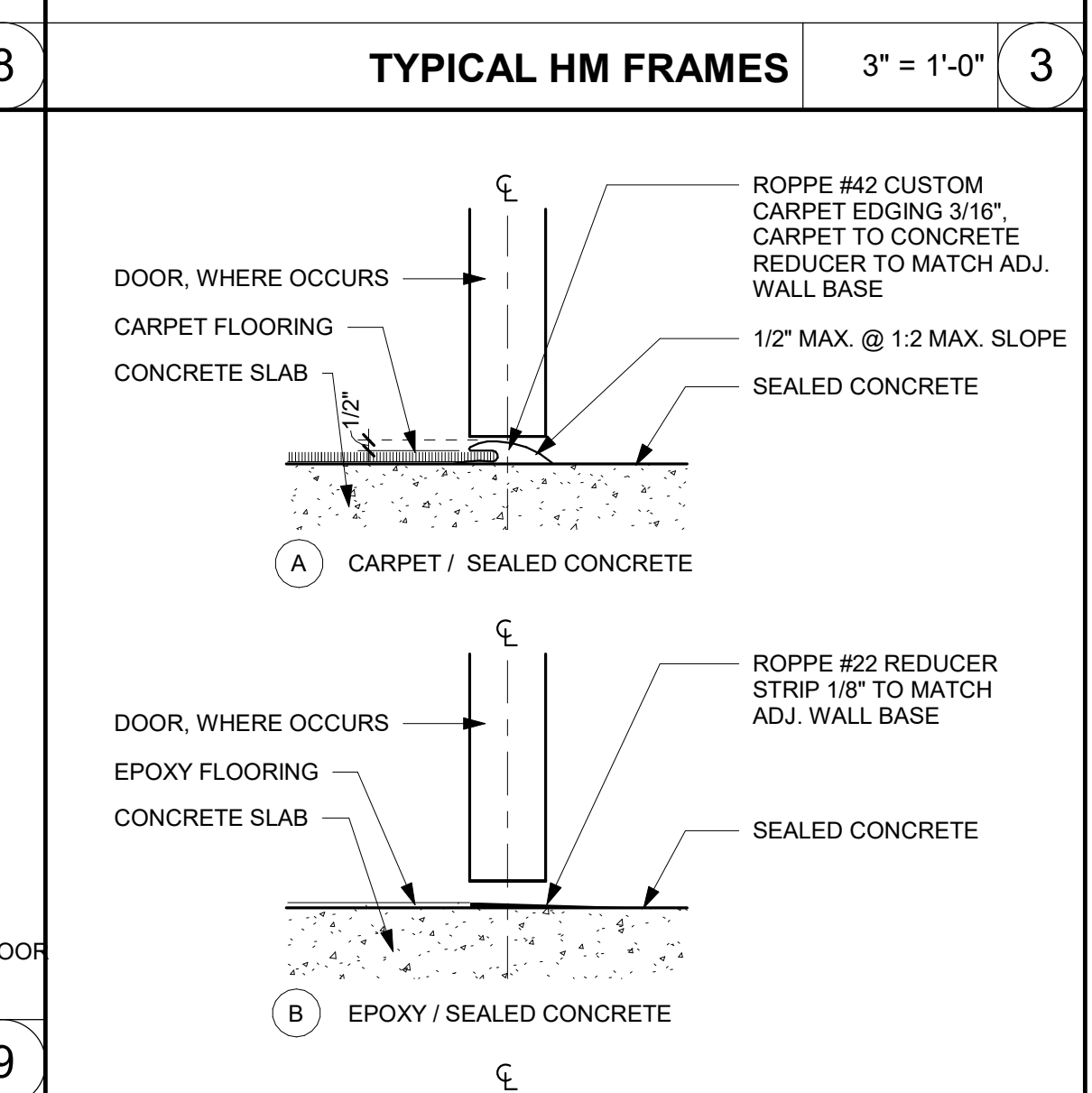
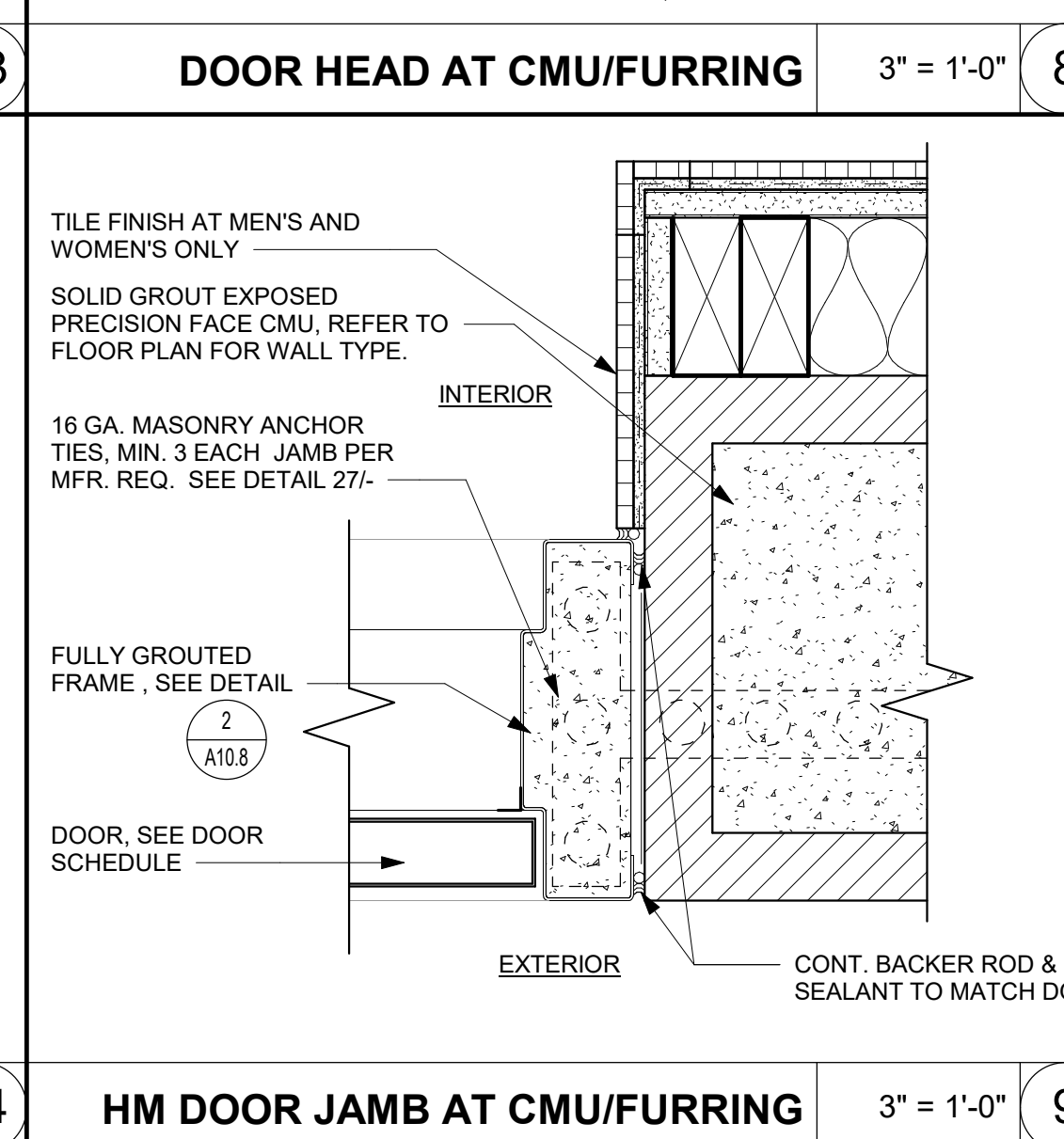
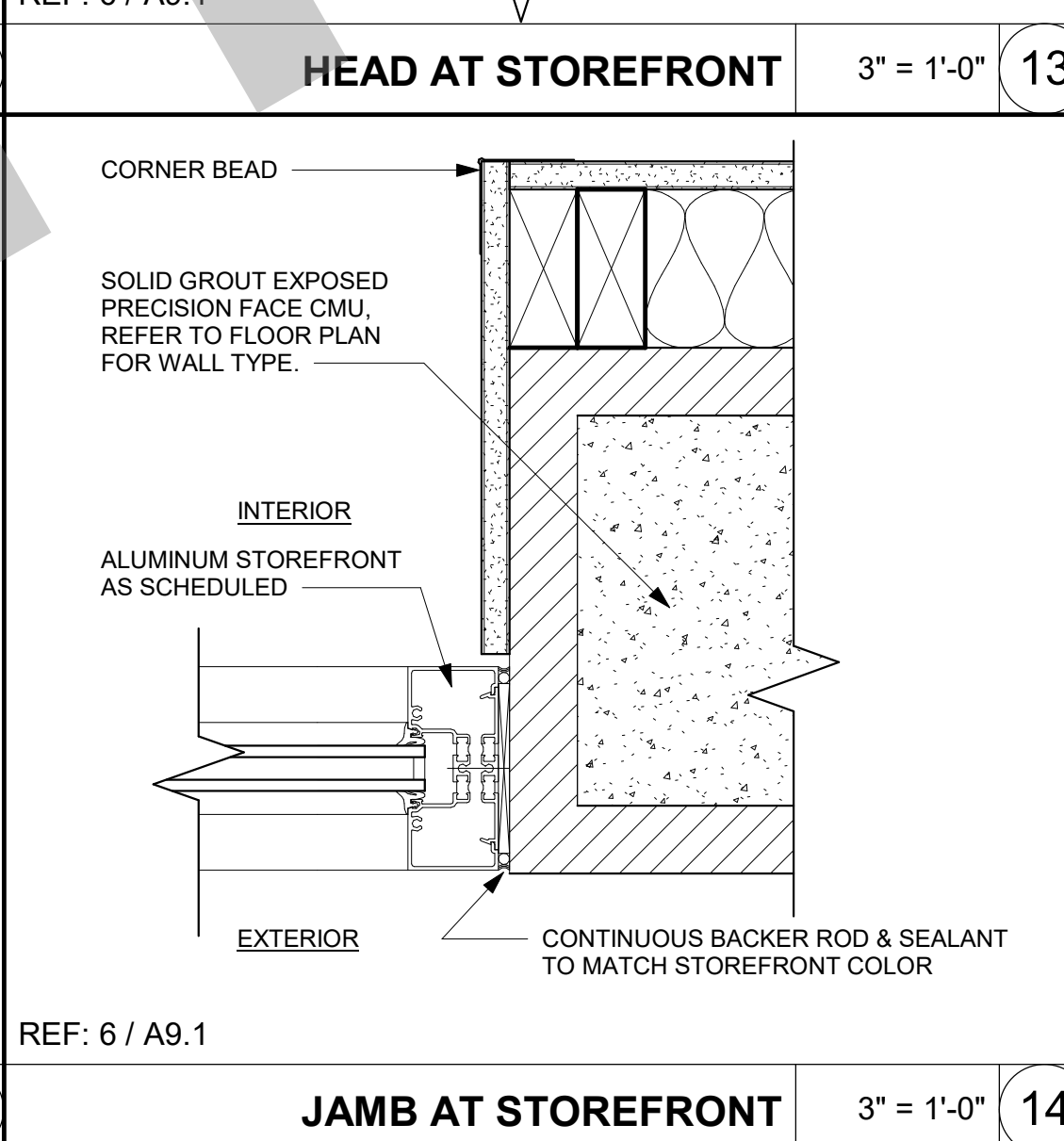
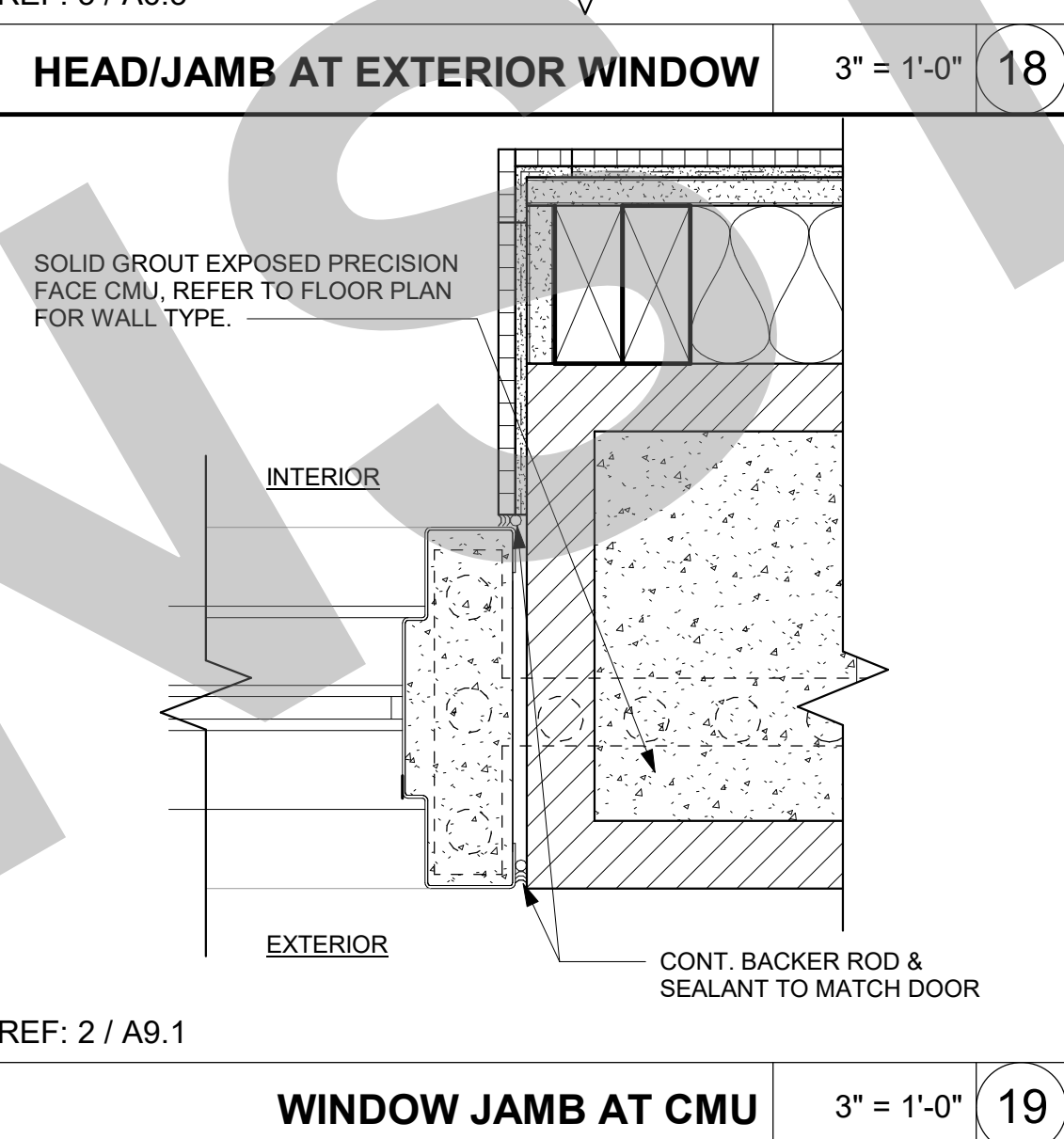
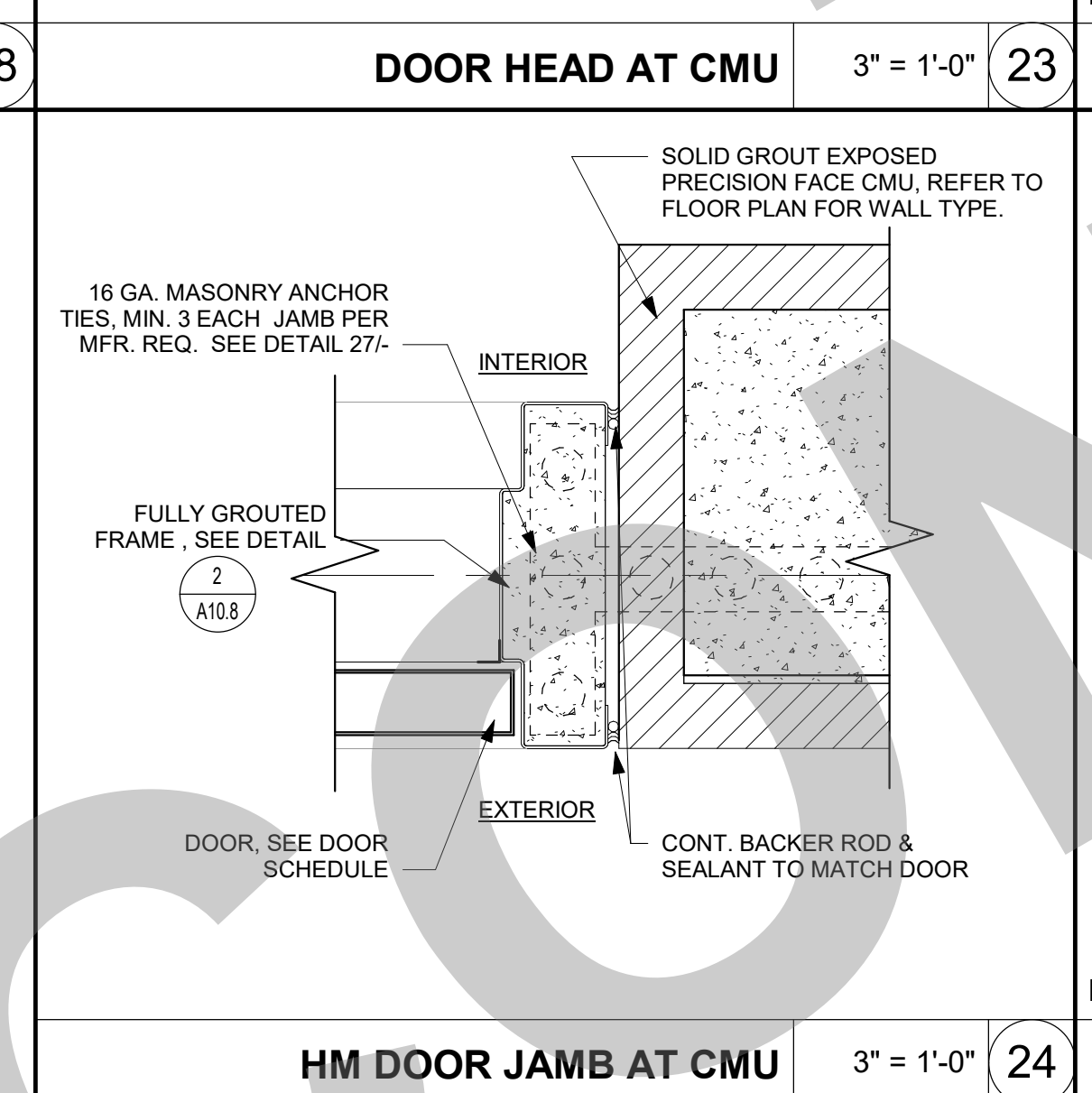
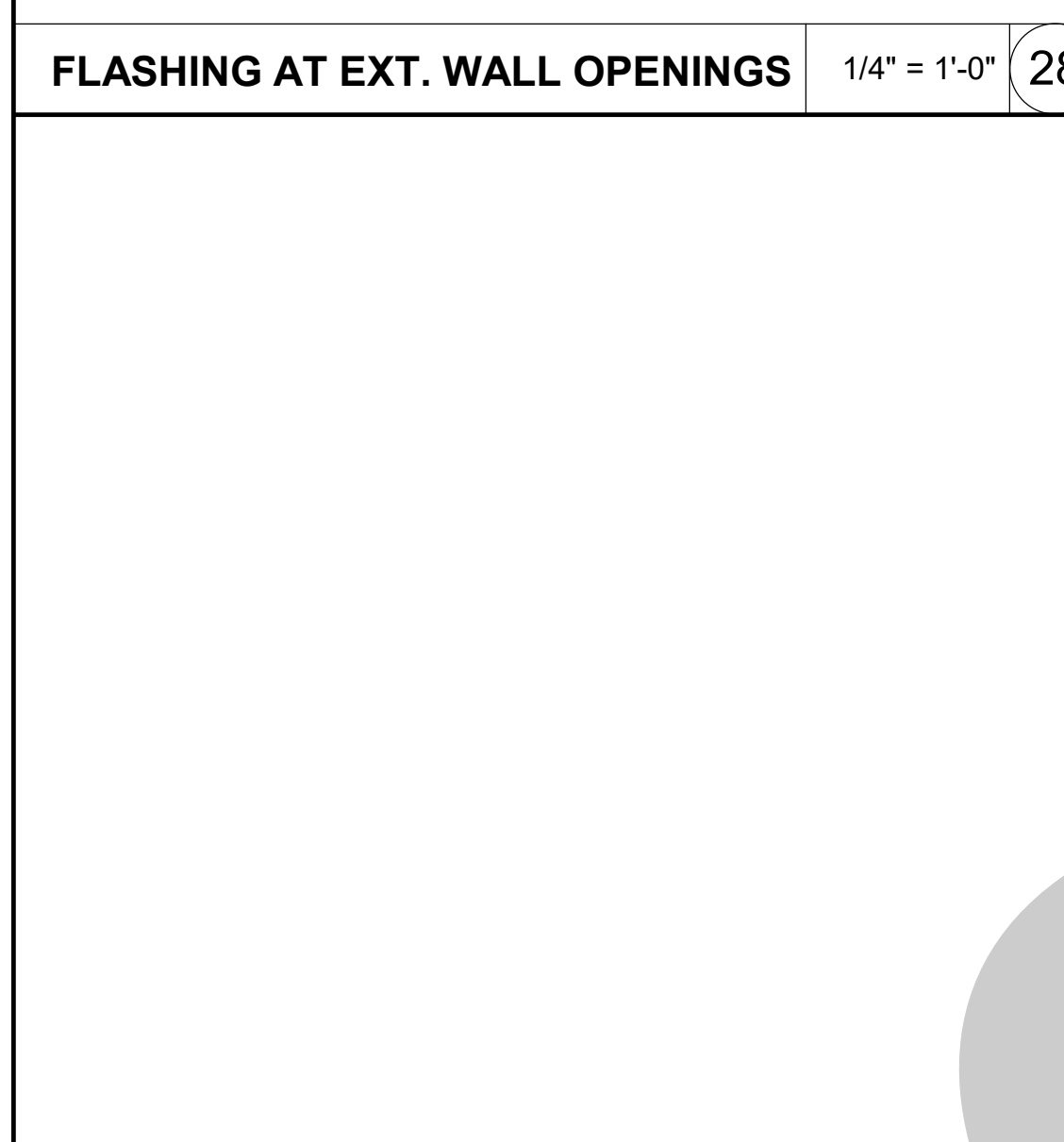
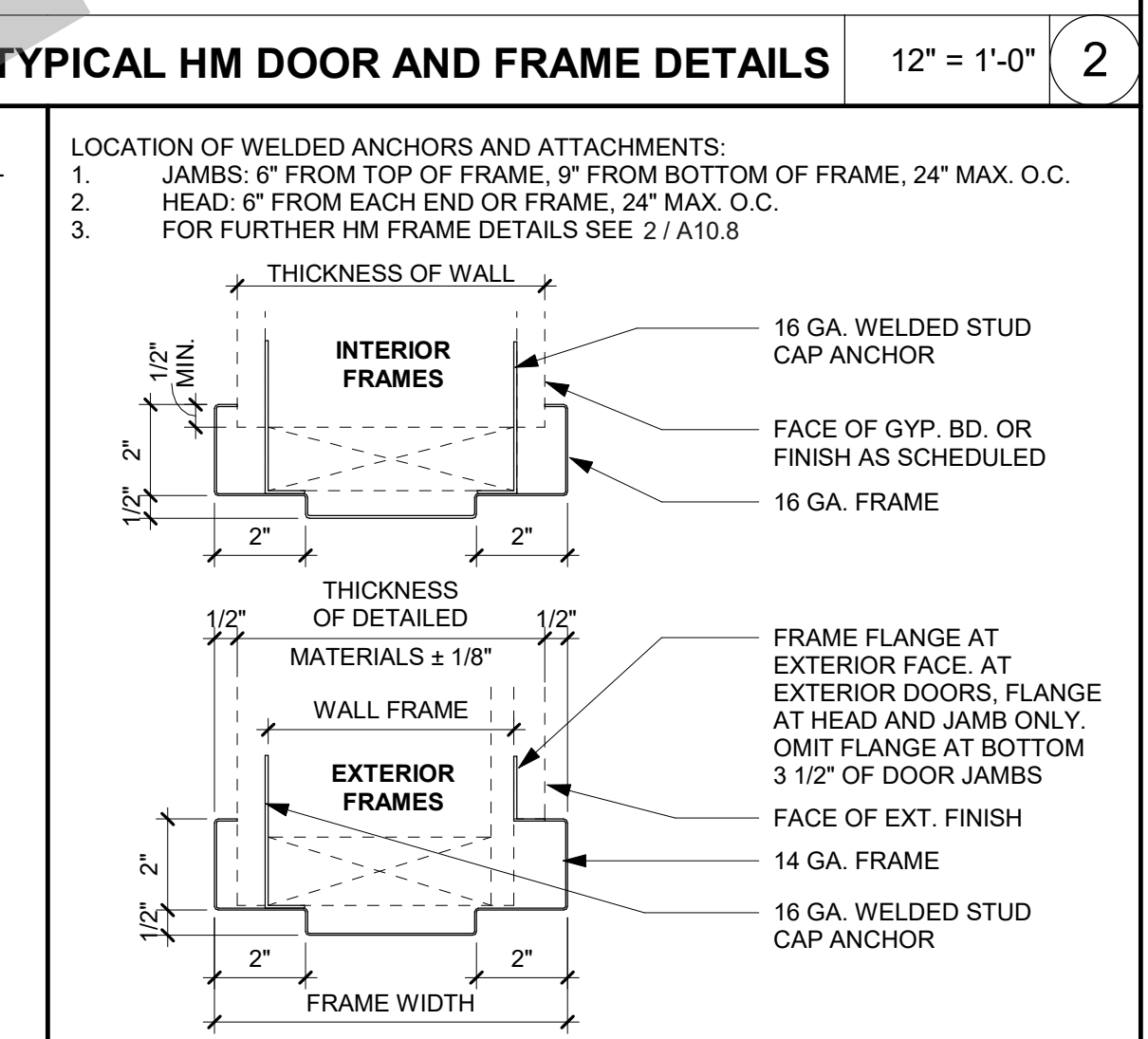
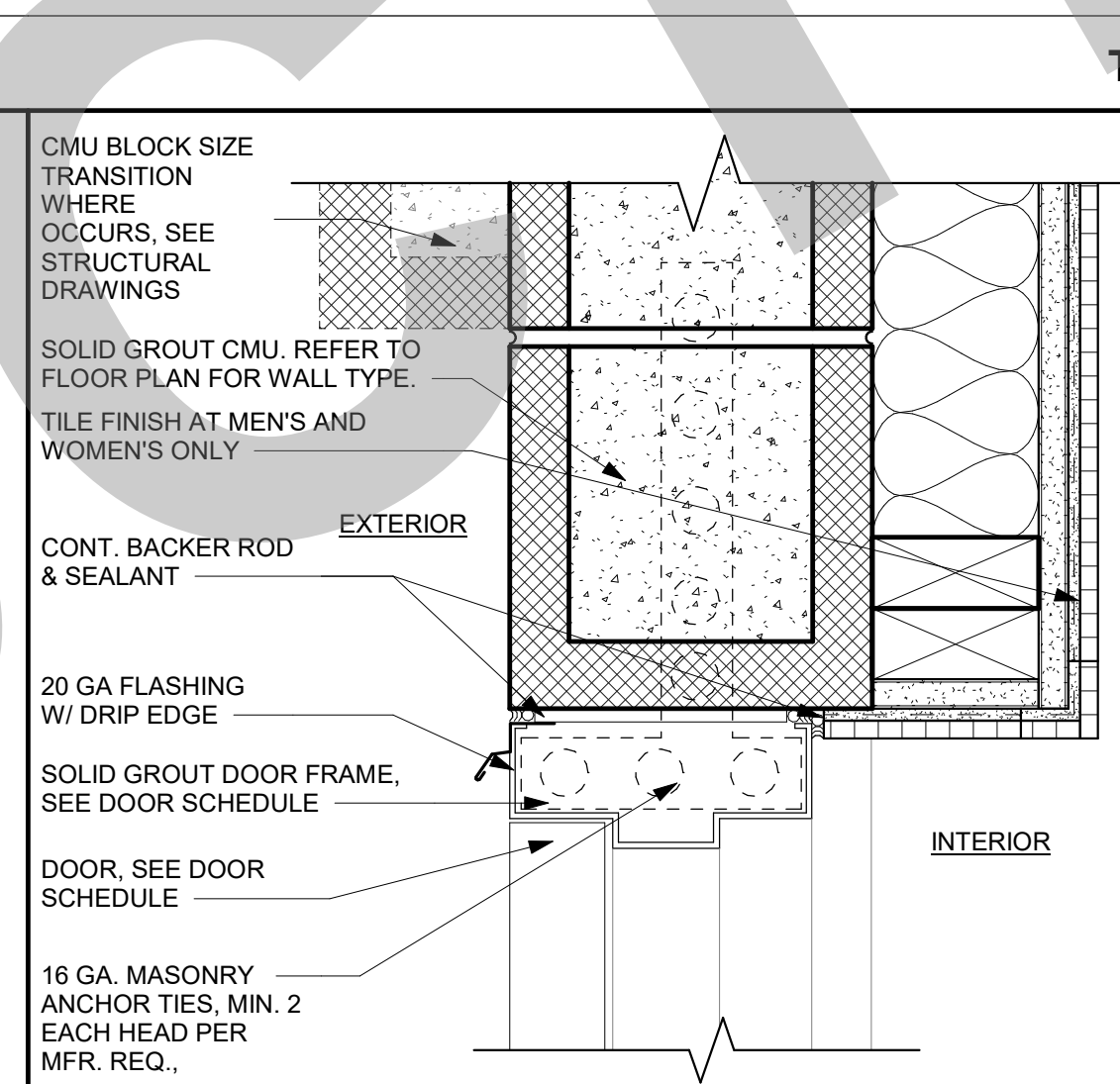
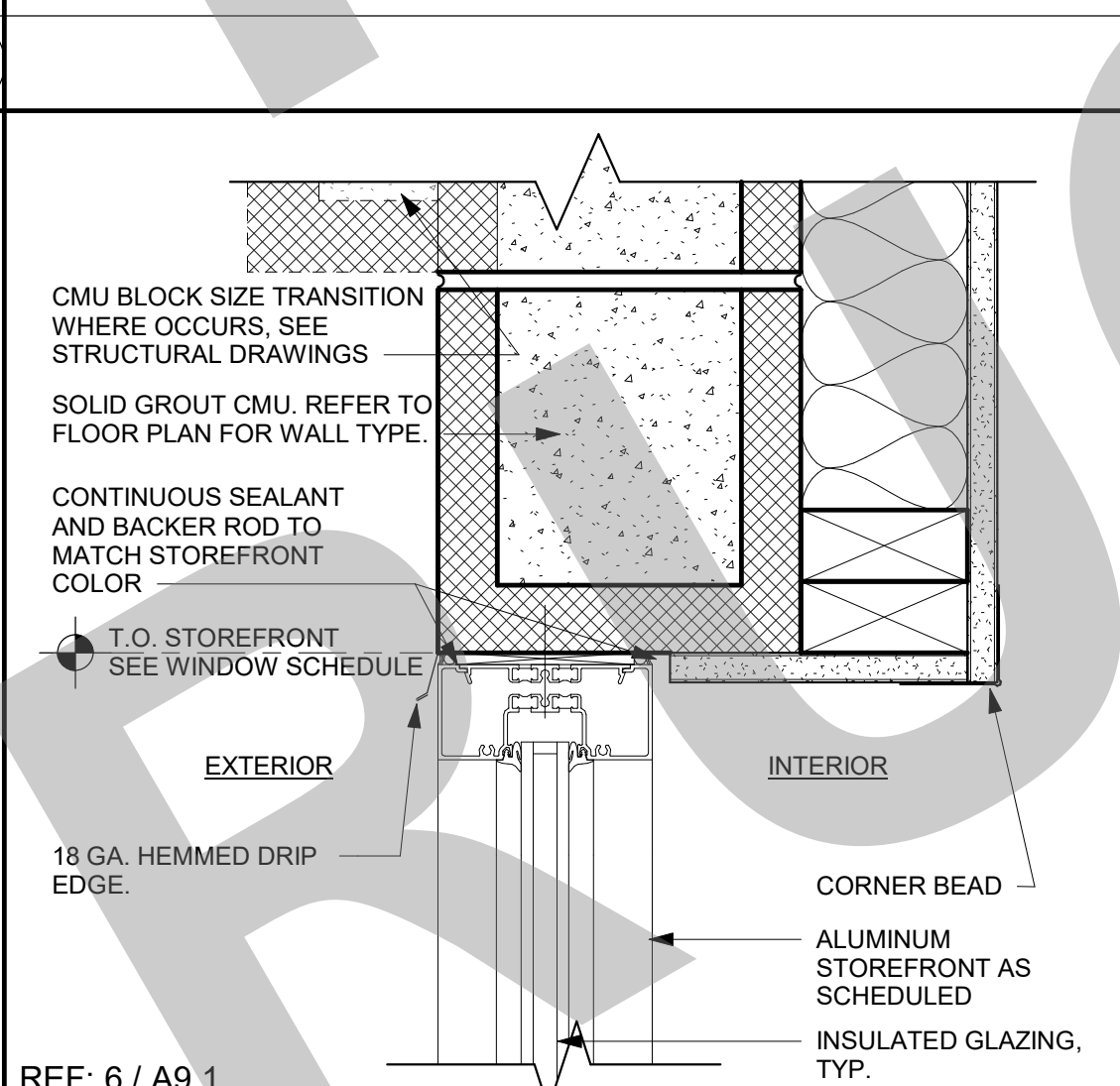
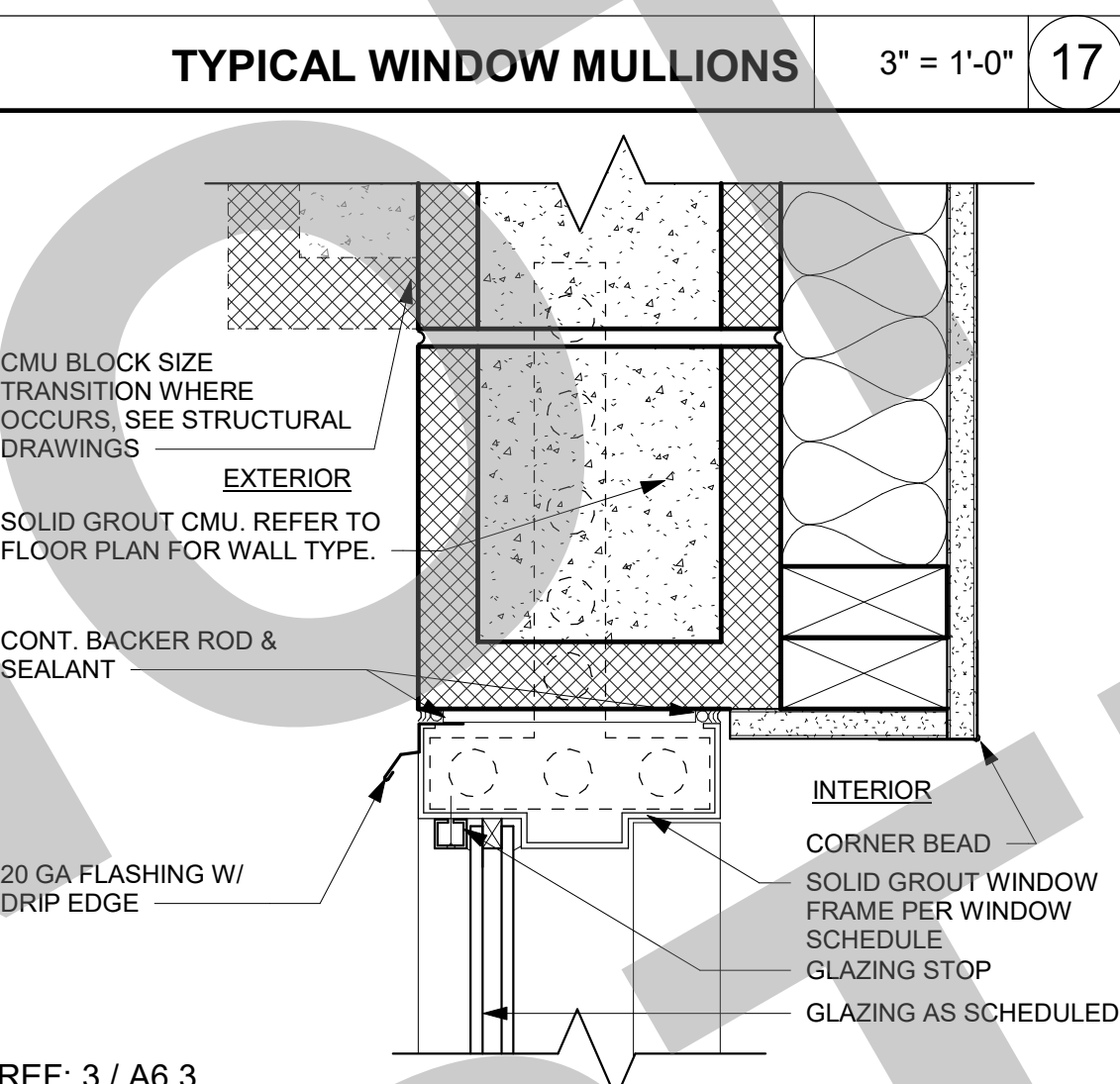
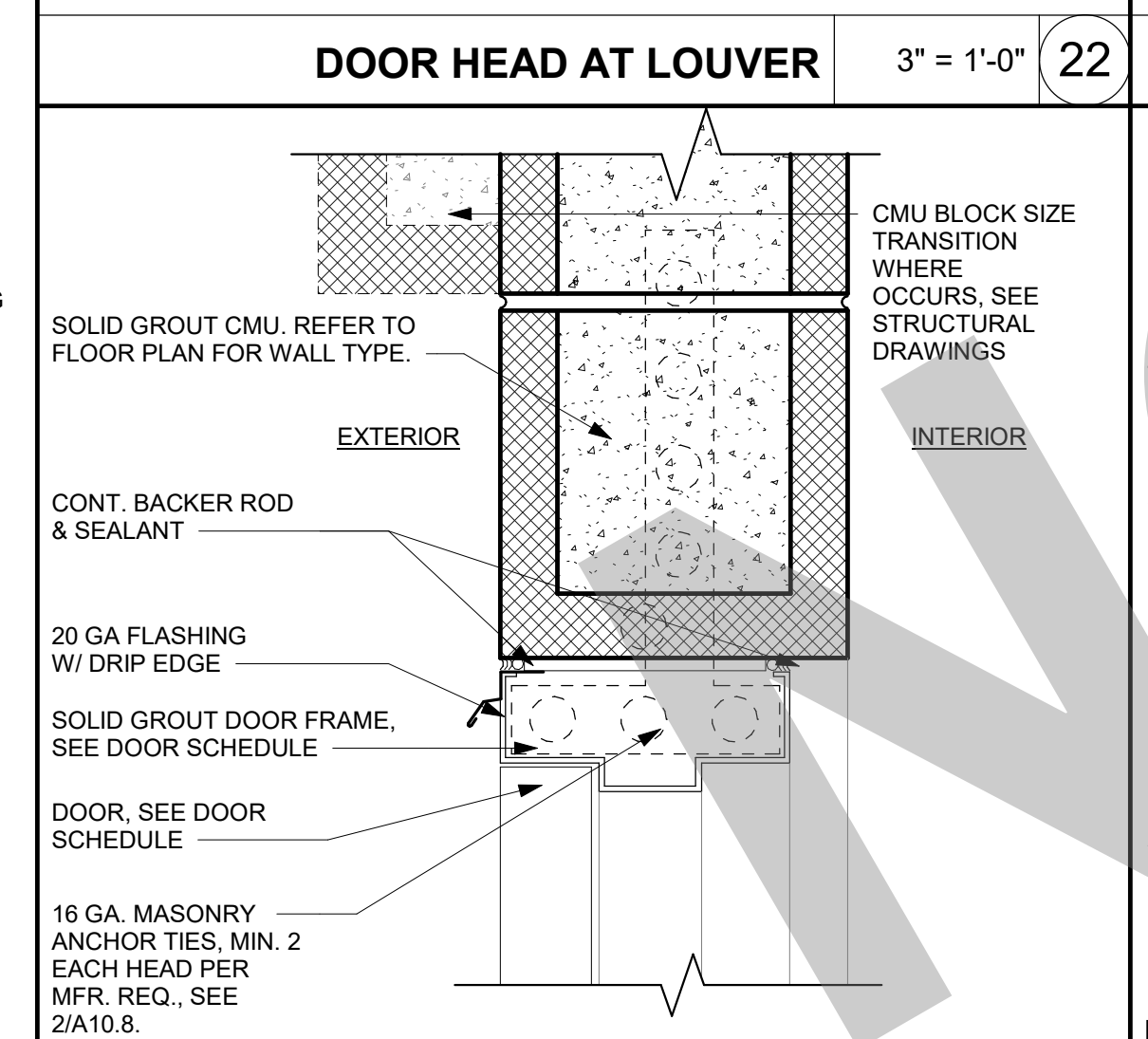
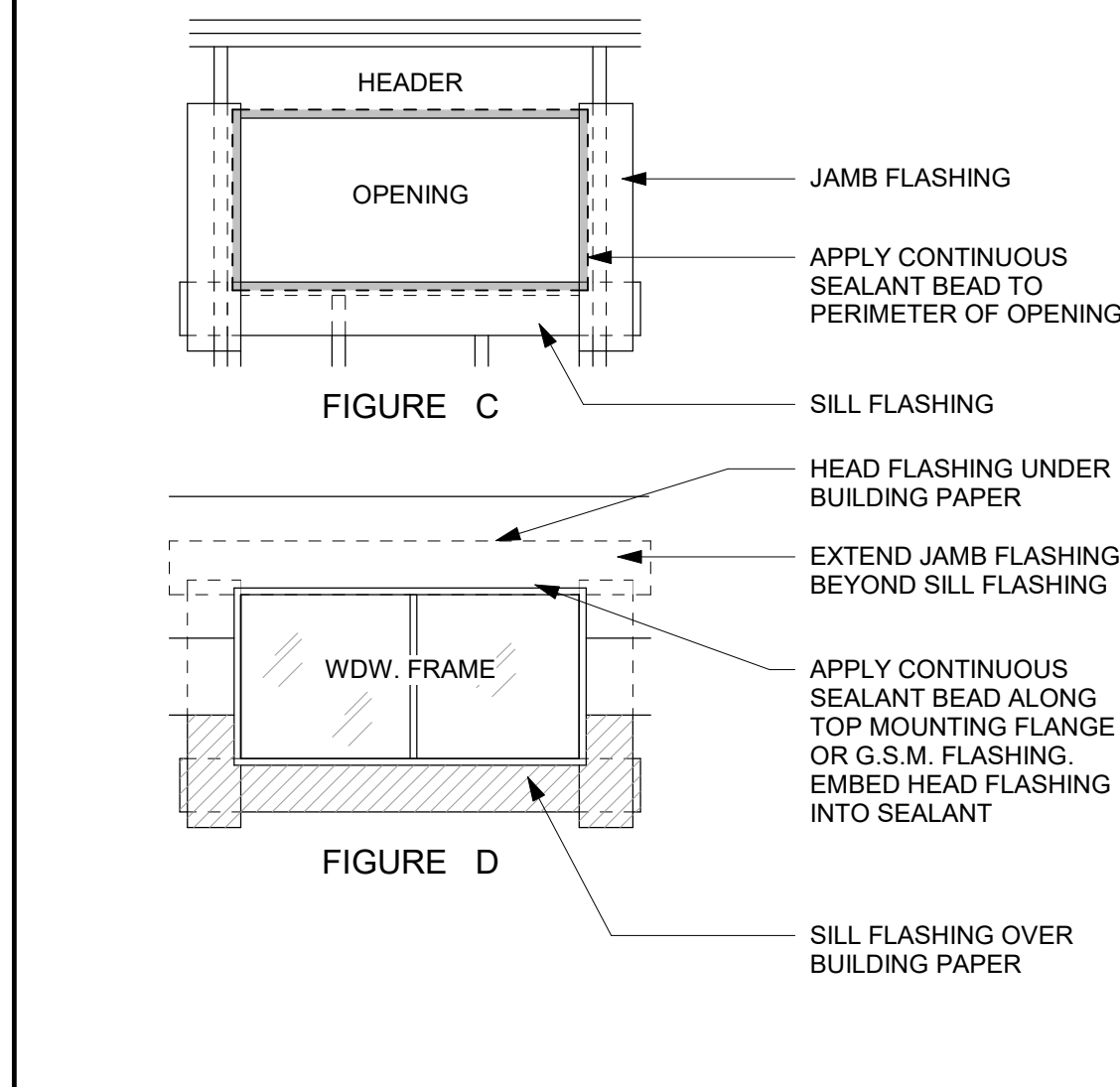
Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A10.7.2
Drawn Author	Checked Checker

- INDIVIDUALLY FLASH ALL EXTERIOR OPENINGS FOR FIXTURES SUCH AS WINDOWS, DOORS, AND VENTS TO MAKE THEM WATER TIGHT. PENETRATION FLASHING MATERIAL SHALL BE BARRIER COATED REINFORCED AND SHALL PROVIDE 4 HOUR MIN. PROTECTION FROM WATER PENETRATION WHEN TESTED IN ACCORDANCE WITH ASTM D-779. SEALANT SHALL COMPLY TO FF-TS-1657. IN HIGH WIND AREAS A WATERPROOF SHEET MEMBRANE SHALL BE USED OVER SOLID BACKING.
- APPROVED FLASHING MATERIAL SHALL BE AT LEAST 9" WIDE. FLASHING SHALL BE APPLIED IN A WEATHERBOARD FASHION AROUND THE FULL PERIMETER OF THE OPENING.
- APPLY THE FIRST STRIP HORIZONTALLY IMMEDIATELY BELOW THE SILL. CUT IT SUFFICIENTLY LONG TO EXTEND PAST EACH SIDE OF THE WINDOW, SO THAT IT PROJECTS BEYOND THE VERTICAL FLASHING TO BE APPLIED LATER. FASTEN THE TOP EDGE OF THE SILL FLASHING TO THE FRAMING, BUT DO NOT FASTEN THE LOWER EDGE, SO THE WEATHER-RESISTIVE BARRIER APPLIED LATER MAY BE SLIPPED UP AND UNDERNEATH THE FLASHING IN WEATHERBOARD FASHION. (SEE FIGURE A)
- NEXT, FASTEN STRIPS OF FLASHING AT EACH VERTICAL EDGE (JAMB) OF THE OPENING. RUN THIS FLASHING BEYOND THE SILL FLASHING AND ABOVE WHERE THE HEAD FLASHING WILL INTERSECT. (SEE FIGURE B)
- APPLY A CONTINUOUS SEAL TO THE BACKSIDE (INTERIOR) OF THE MOUNTING FLANGE NEAR THE OUTER EDGE OR A CONTINUOUS SEAL TO THE PERIMETER OF THE OPENING AT A POINT TO ENSURE CONTACT WITH THE BACKSIDE (INTERIOR) OF THE MOUNTING FLANGE. (SEE FIGURE C)
- FOR FIXTURES WITHOUT A NAIL-ON-FLANGE THE FLASHING SHALL BE 12" MIN. WIDE AND EXTEND INTO THE ROUGH FRAME AT THE SILL AND JAMB IN A WEATHERBOARD FASHION.
- THE FIXTURE SHALL THEN BE INSTALLED.
- NEXT, APPLY A CONTINUOUS SEAL AT THE TOP (HEAD) MOUNTING FLANGE OR G.S.M. HEAD FLASHING AND EMBED THE BOTTOM OF THE FLASHING OVER THE SEALANT AND THE MOUNTING FLANGE OR G.S.M. FLASHING. CUT THIS FLASHING SUFFICIENTLY LONG SO THAT IT WILL EXTEND BEYOND EACH JAMB FLASHING. FASTEN IN PLACE. (SEE FIGURE D)
- APPLY REMAINING WEATHER-RESISTIVE BARRIER IN A WEATHERBOARD FASHION WITH THE SILL FLASHING LAPPING OVER THE TOP, AND THE HEAD AND JAMB FLASHING BELOW.
- BASED UPON INDUSTRY STANDARDS APPROVED BY THE CALIFORNIA ASSOCIATION OF WINDOW MANUFACTURERS, (CAWM).



NOTES:

- REFER TO PROFILES. ALL HOLLOW METAL FRAME/JAMBS SHALL BE CUT FOR STANDARD UNIT LOCK STRIKES 3/4" HIGH.
- FRAME DIMENSIONS ARE FROM FINISH PAINTING. FRAME DIMENSIONS MAY VARY DUE TO FINISH MATERIALS.
- SEE 'RATING' ON DOOR SCHEDULE FOR REQUIRED RATED DOORS.
- VERIFY ALL DOOR AND FRAME OPENING SIZES AND WALL AND DOOR FRAME WIDTHS ON SITE.
- PER CBC 715.4, APPROVED FIRE DOOR HARDWARE AND FIRE DOOR FRAMES INCLUDING THE ANCHORAGE THEREOF SHALL BE INSTALLED IN ACCORDANCE WITH THEIR LISTING.
- ADHERE TO UL 10C OR NFPA 252 FOR INSTALLATION OF DOOR FRAMES. UNDERCUT ALL DOORS TO CLEAR FLOOR FINISH BY 1/4" EXCEPT AT RATED DOORS.



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NO.	REMARKS	DATE

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KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
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CONSTRUCTION DOCUMENTS

AQUATIC FACILITIES
RENOVATION &
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CITY PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

DOOR AND WINDOW
DETAILS

Date: 07/17/2023
Project Number: 22009
Application Number: XX-XXXXXX
Drawing Number: A10.8
Drawn: Author
Checked: Checker

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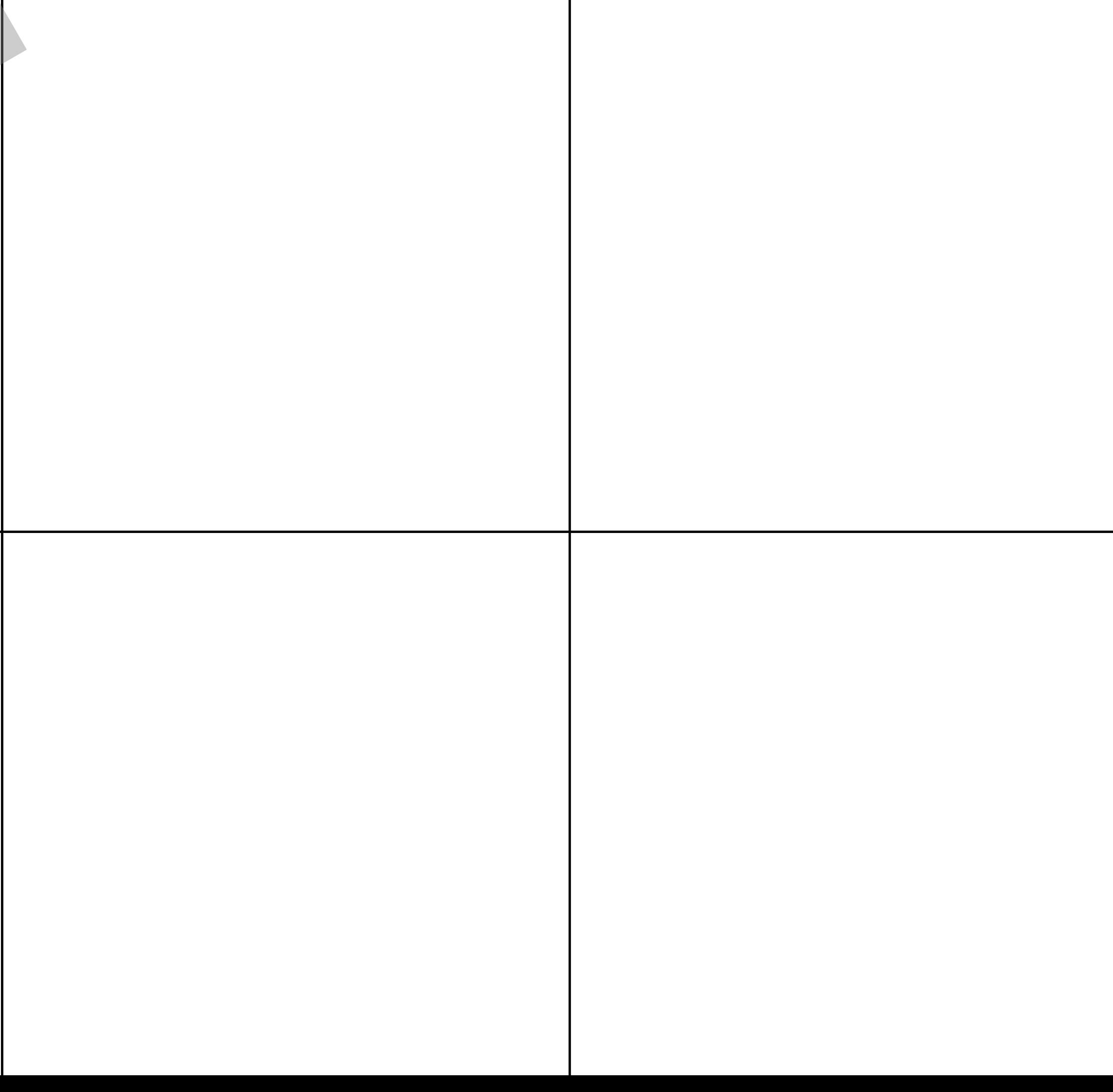
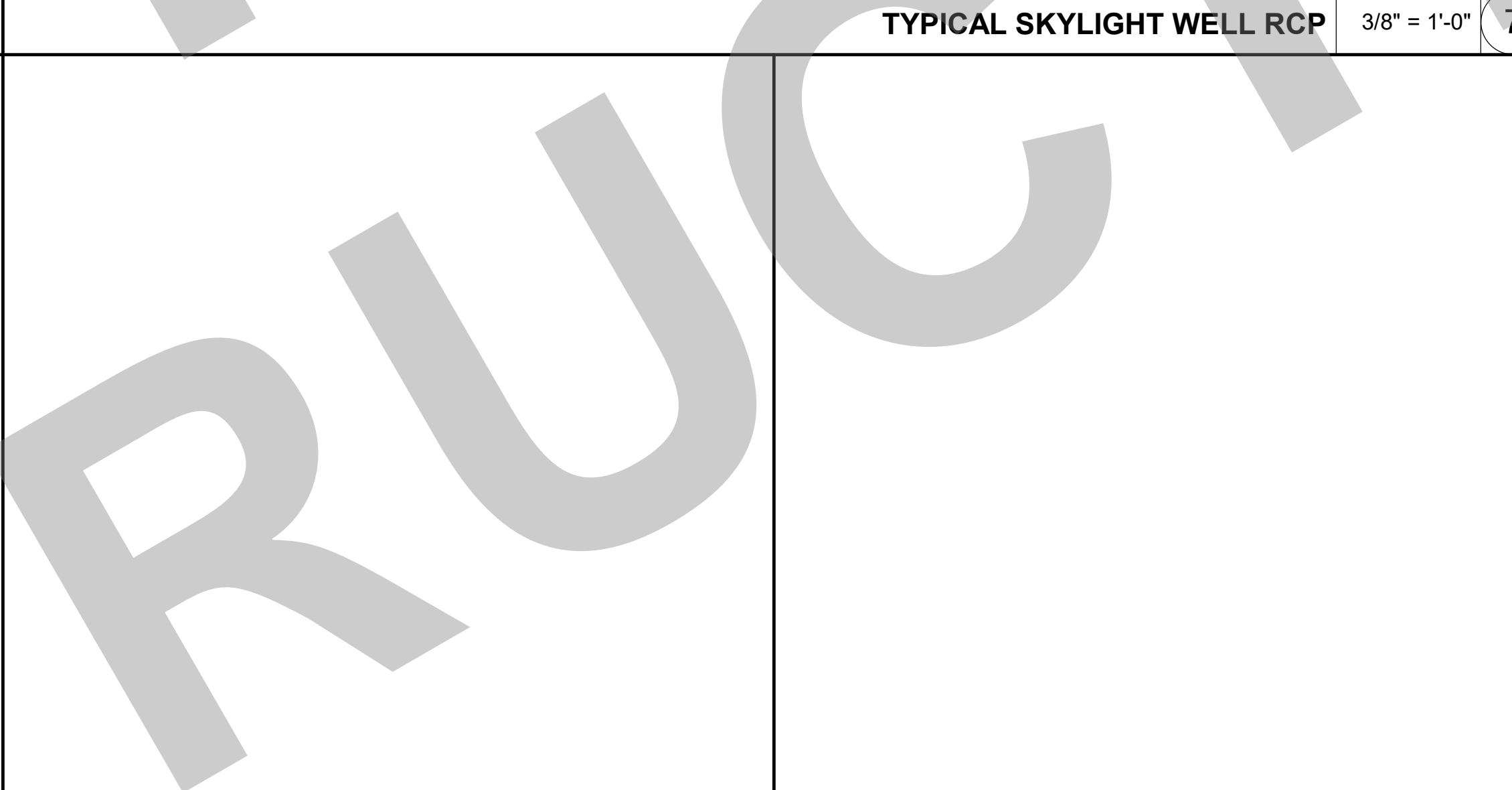
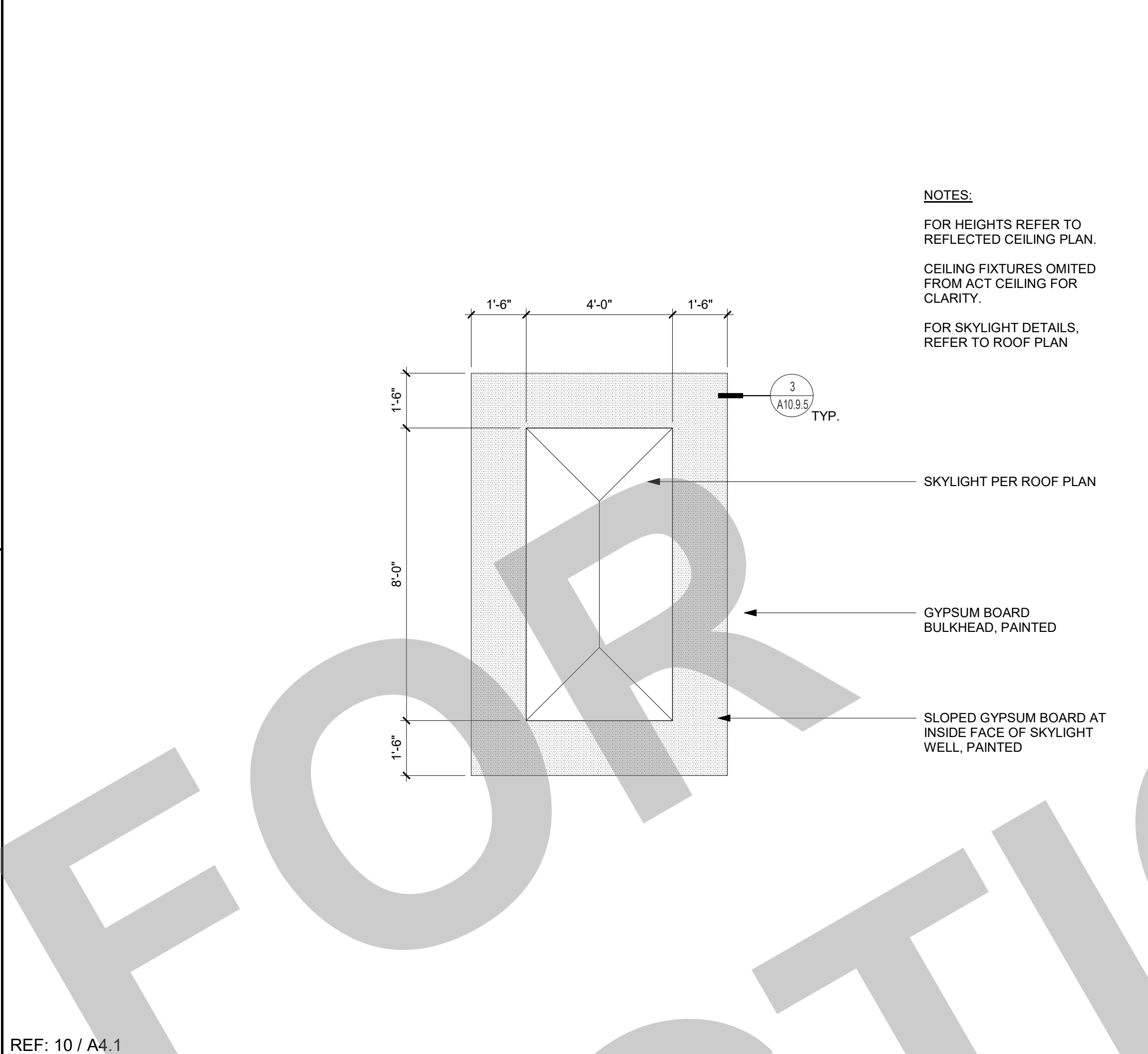
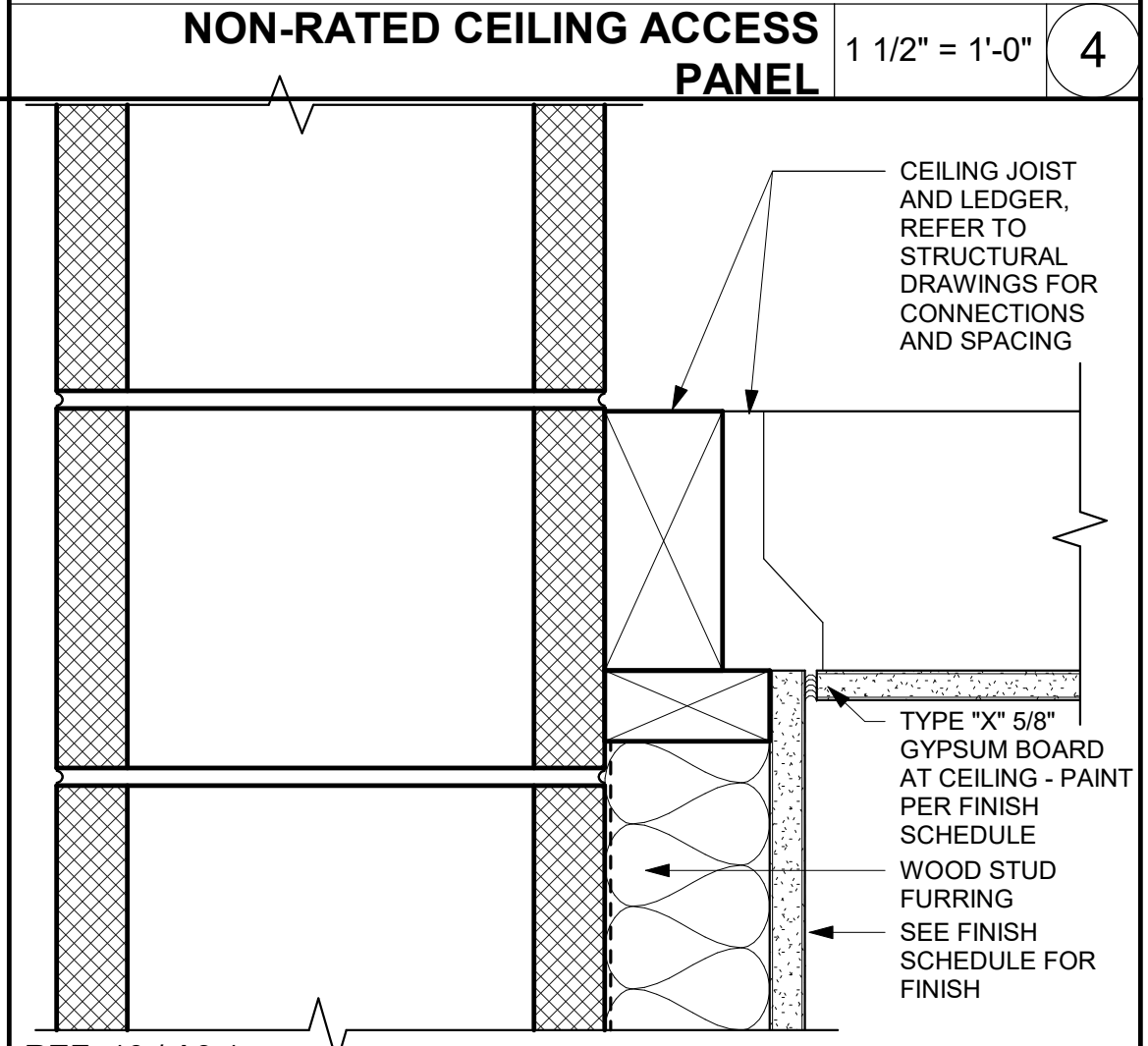
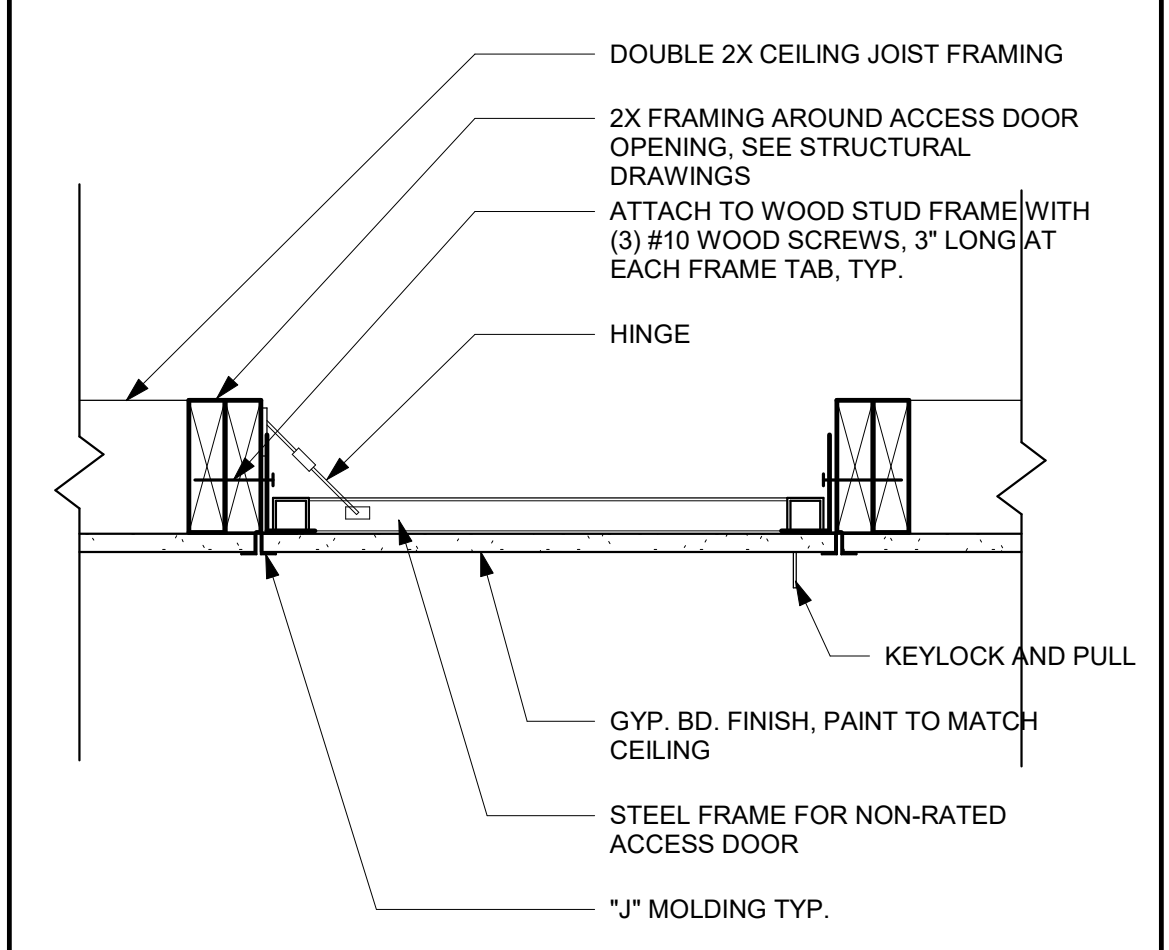
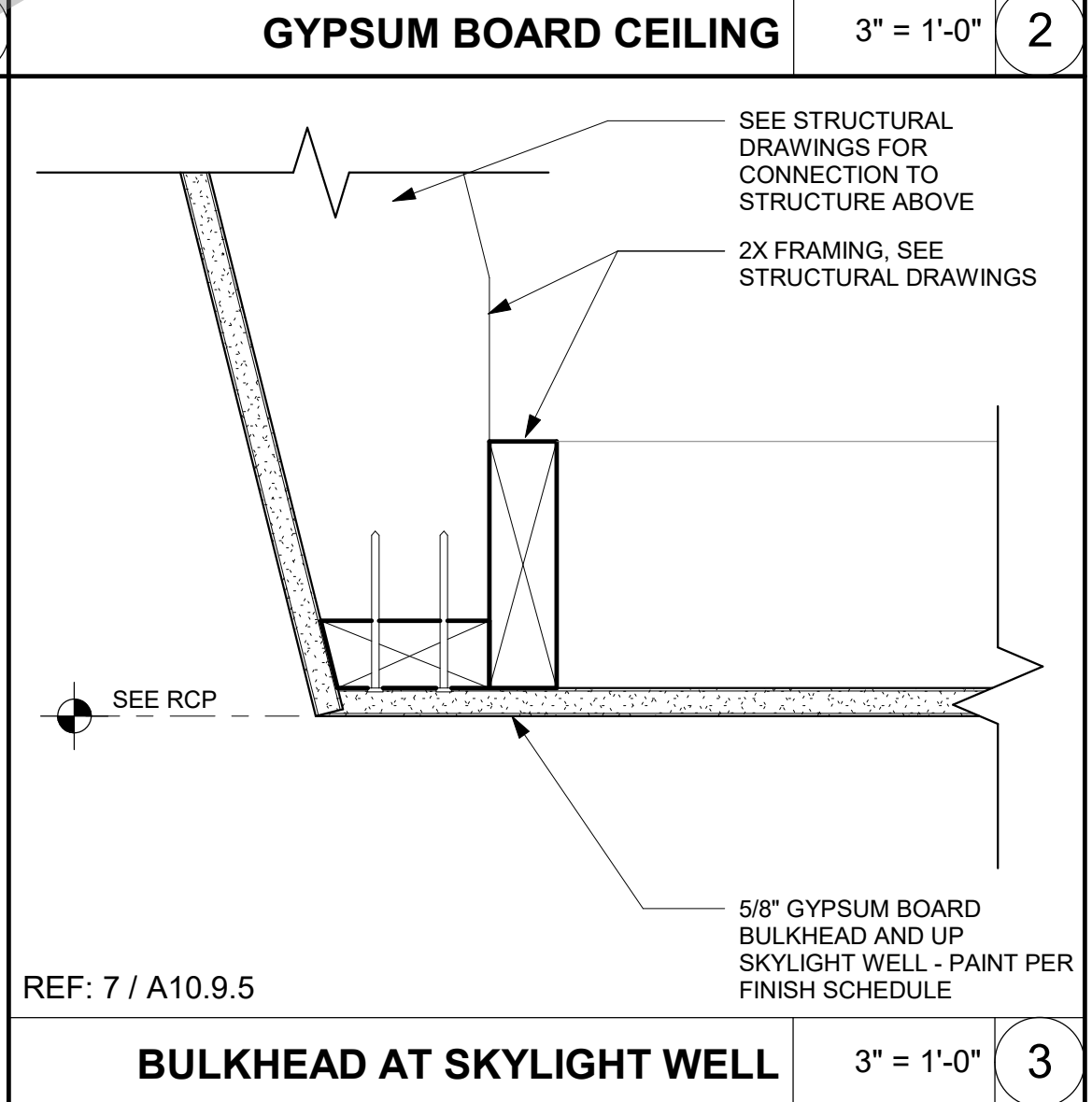
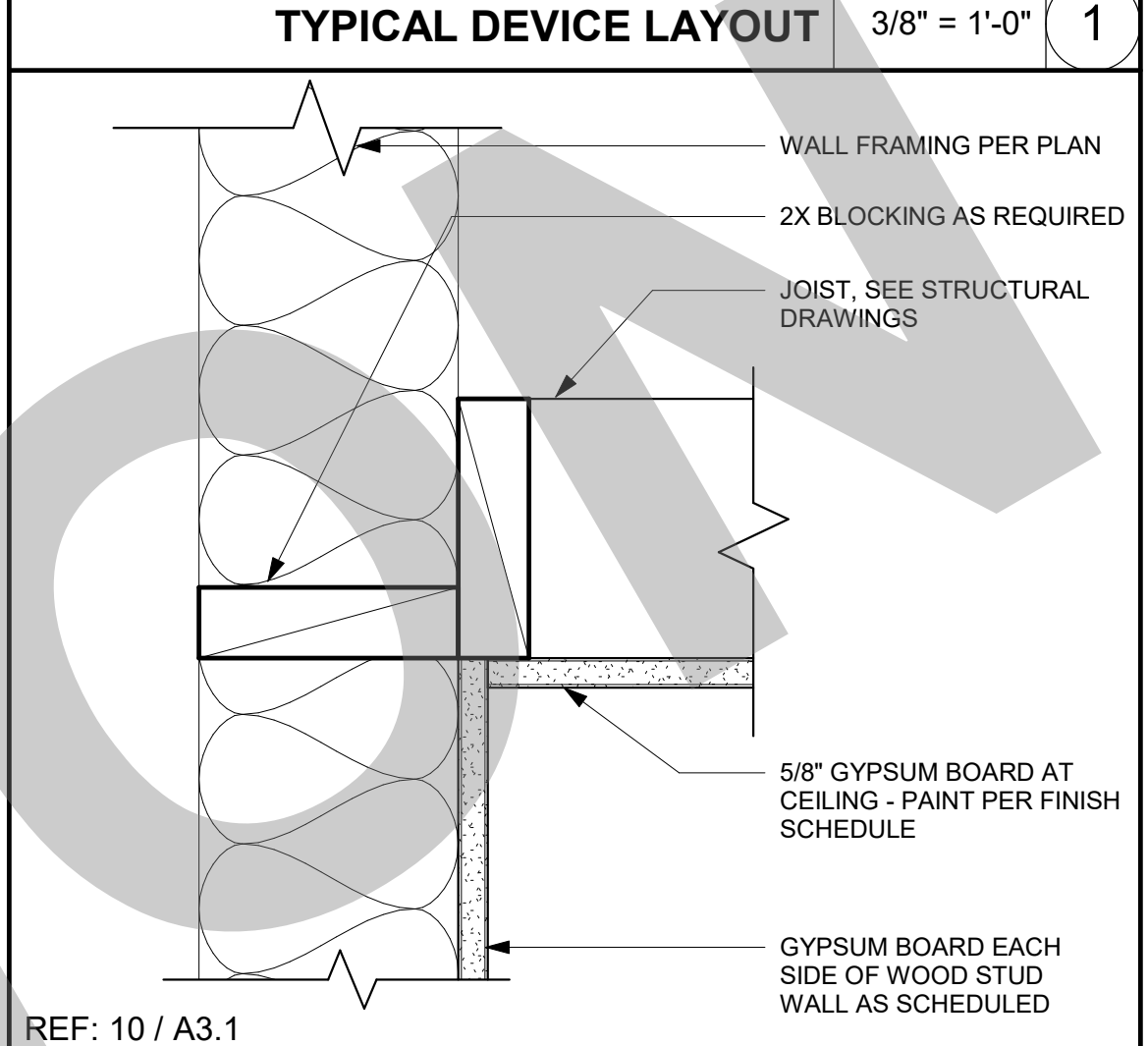
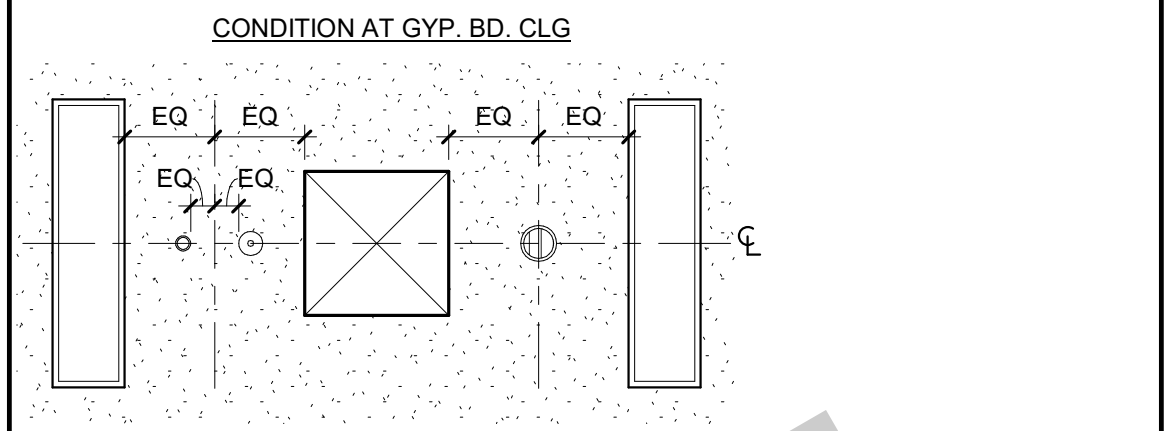
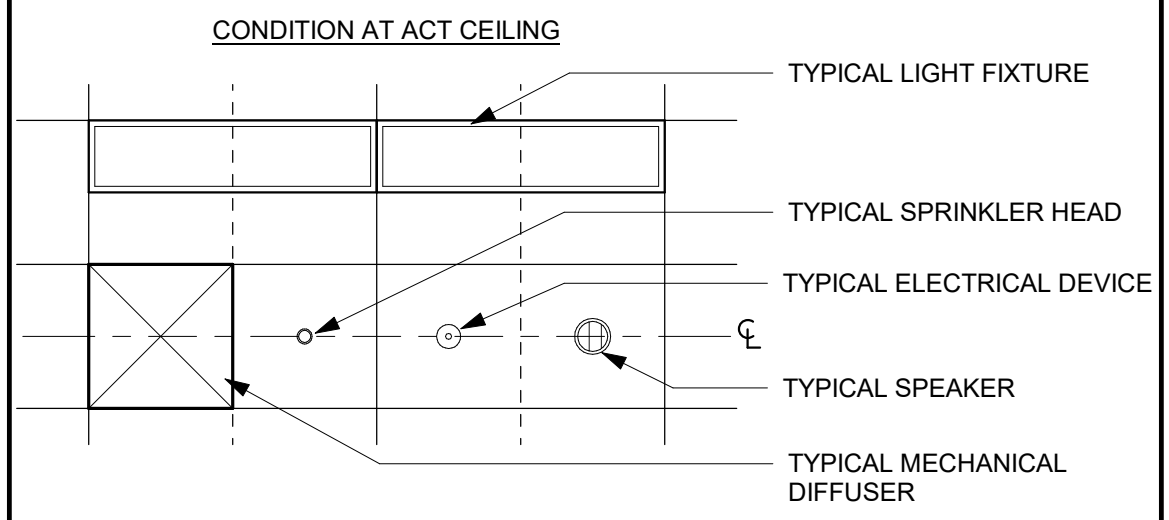
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CEILING DETAILS

Date: 07/17/2023 Project Number: 22009
Application Number: XX-XXXXXX Drawing Number: A10.9.5
Drawn: Author Checked: Checker



NOTES:
FOR HEIGHTS REFER TO REFLECTED CEILING PLAN.
CEILING FIXTURES OMITTED FROM ACT CEILING FOR CLARITY.
FOR SKYLIGHT DETAILS, REFER TO ROOF PLAN.

REF: 10 / A4.1

REF: 10 / A3.1

REF: 7 / A10.9.5

REF: 10 / A3.1

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<p>WOMEN DOOR SIGNAGE 3" = 1'-0" 21</p> <p>NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL. </p>	<p>WOMEN WALL MOUNTED SIGNAGE 3" = 1'-0" 16</p> <p>NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL. </p>	<p>TICKET BOOTH 101</p> <p>THREE LINES OF TEXT</p>	<p>ROOM CONTROL SIGNAGE 1/2" = 1'-0" 6</p> <p>FOR SIGNAGE MOUNTING HEIGHT REQUIREMENTS, SEE DETAIL. </p>	<p>SIGNAGE GENERAL NOTES</p> <ol style="list-style-type: none"> FOR TYPICAL MOUNTING DISTANCE FROM DOOR FRAME, SEE DETAIL 6 / A10.10.1 FOR MOUNTING ATTACHMENTS, SEE DETAIL 7 / A10.10.1 FOR SIGNAGE MOUNTING HEIGHT REQUIREMENTS. SEE DETAIL 8 / A10.10.1 SIGNS AND IDENTIFICATION DEVICES SHALL BE FIELD INSPECTED AFTER INSTALLATION AND APPROVED BY THE ENFORCING AGENCY PRIOR TO THE ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY PER CBC CHAPTER 11, DIVISION II, SECTION 11.01 OF FINAL APPROVAL. WHERE NO CERTIFICATE OF OCCUPANCY IS ISSUED, THE INSPECTION SHALL INCLUDE, BUT NOT BE LIMITED TO, VERIFICATION THAT BRAILLE DOTS AND CELLS ARE PROPERLY SPACED AND THE SIZE, PROPORTION AND TYPE OF RAISED CHARACTERS ARE IN COMPLIANCE WITH THESE REGULATIONS (CBC 11B-703.1.1.2). <p>SIGNAGE KEYNOTES</p> <ol style="list-style-type: none"> EXTRUDED CLEAR ACRYLIC SIGN WITH A NON GLARE BACKGROUND OF 70% CONTRASTING COLOR TO TEXT AND ONE PIECE CONSTRUCTION PER SPECIFICATIONS. BACKGROUND COLOR: ROWMARK 3X1-302 CHINA BLUE. THICKNESS: 1/4" 1/32" RAISED TEXT, CENTER JUSTIFIED ON PLAQUE. TEXT STYLE: HELVETICA, ALL CAPS. TEXT HEIGHT: 3/4" U.O.N. TEXT COLOR: 951 WHITE 1/32" RAISED TEXT, LEFT JUSTIFIED ON PLAQUE. TEXT STYLE: HELVETICA, ALL CAPS. TEXT HEIGHT: 3/4" U.O.N. TEXT COLOR: 951 WHITE VERIFY ROOM NAMES AND NUMBERS PRIOR TO FABRICATION. LETTERS PER LINE, MAXIMUM CALIFORNIA ROUNDED TOP CONTRACTED GRADE 2 BRAILLE BELOW RAISED TEXT (11B-703.3.2). DISTANCE FROM BOTTOM OF RAISED LETTERS TO TOP OF BRAILLE CHARACTERS SHALL BE 3/8" MINIMUM AND 1/2" MAXIMUM. BRAILLE TO BE CENTER JUSTIFIED OR LEFT JUSTIFIED TO MATCH RAISED TEXT. FOR MORE INFORMATION ON BRAILLE REQUIREMENTS, SEE DETAIL 5 / A10.10.1 INTERNATIONAL SYMBOL OF ACCESSIBILITY PICTOGRAM. COLOR: 951 WHITE 1/8" WIDE RAISED DECORATIVE STRIPE. COLOR TO MATCH TEXT RAISED PICTOGRAM. COLOR: 951 WHITE CONTRAST 70% WITH DOOR COLOR 1/4" THICK, 12" DIA. CIRCLE WITH A 1/4" THICK EQUILATERAL TRIANGLE SUPERIMPOSED ON AND GEOMETRICALLY INSCRIBED WITHIN THE 12" DIA. CIRCLE SYMBOL. VERTICES OF THE TRIANGLE SYMBOL SHALL BE LOCATED 1/4" MAX. FROM THE EDGE OF THE CIRCLE SYMBOL WITH A VERTEX POINTING UPWARD. TRIANGLE SYMBOL SHALL CONTRAST 70% THE DOOR COLOR. TRIANGLE COLOR: CIRCLE COLOR. PROVIDE EASED OR ROUNDED EDGES A 1/16" MIN. OR CHAMFERED AT 1/8" MAX. VERTICES SHALL BE RADIUS BETWEEN 1/8" MINIMUM AND 1/4" MAX. 																		
<p>MEN DOOR SIGNAGE 3" = 1'-0" 22</p> <p>NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL. </p>	<p>MEN WALL MOUNTED SIGNAGE 3" = 1'-0" 17</p> <p>NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL. </p>	<p>ELECTRICAL 101</p> <p>TWO LINES OF TEXT</p>	<p>ROOM ID SIGNAGE 3" = 1'-0" 12</p> <p>NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL. </p>	<p>SIGNAGE MOUNTING TYPES 1" = 1'-0" 7</p> <p>FACE OF WALL OR DOOR FINISH, AS SCHEDULED</p> <p>SIGNAGE AS SCHEDULED, ATTACH WITH MECHANICAL FASTENERS</p>																		
<p>UNISEX DOOR SIGNAGE 3" = 1'-0" 23</p> <p>NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL. </p>	<p>UNISEX WALL MOUNTED SIGNAGE 3" = 1'-0" 18</p> <p>NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL. </p>	<p>EXIT SIGNAGE 3" = 1'-0" 13</p> <p>NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL. </p>	<p>SIGNAGE MOUNTING HEIGHTS 6" = 1'-0" 8</p> <p>BRaille CHARACTERS AS SCHEDULED PER SIGNAGE TYPE</p>	<p>TYPICAL SIGNAGE NOTES 12" = 1'-0" 2</p> <p>TABLE 11B-703.3.1 BRAILLE DIMENSIONS</p> <table border="1"> <thead> <tr> <th>MEASUREMENT RANGE</th> <th>MINIMUM IN INCHES</th> <th>MAXIMUM IN INCHES</th> </tr> </thead> <tbody> <tr> <td>DOT BASE DIAMETER</td> <td>0.055" (1.5MM)</td> <td>0.063" (1.6MM)</td> </tr> <tr> <td>DISTANCE BETWEEN TWO DOTS IN THE SAME CELL *</td> <td>0.100" (2.5MM)</td> <td></td> </tr> <tr> <td>DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS *</td> <td>0.300" (7.6MM)</td> <td></td> </tr> <tr> <td>DOT HEIGHT RANGE</td> <td>0.025" (0.6MM)</td> <td>0.037" (0.9MM)</td> </tr> <tr> <td>DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW *</td> <td>0.395" (10MM)</td> <td>0.400" (10.2MM)</td> </tr> </tbody> </table> <p>* MEASURED CENTER TO CENTER</p>	MEASUREMENT RANGE	MINIMUM IN INCHES	MAXIMUM IN INCHES	DOT BASE DIAMETER	0.055" (1.5MM)	0.063" (1.6MM)	DISTANCE BETWEEN TWO DOTS IN THE SAME CELL *	0.100" (2.5MM)		DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS *	0.300" (7.6MM)		DOT HEIGHT RANGE	0.025" (0.6MM)	0.037" (0.9MM)	DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW *	0.395" (10MM)	0.400" (10.2MM)
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DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW *	0.395" (10MM)	0.400" (10.2MM)																				
<p>MAXIMUM OCCUPANCY SIGNAGE 3" = 1'-0" 19</p> <p>NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL. </p>	<p>EXIT ROUTE SIGNAGE 3" = 1'-0" 14</p> <p>NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL. </p>	<p>ACCESSIBILITY SIGNAGE 3" = 1'-0" 9</p> <p>NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL. </p>	<p>SIGNAGE MOUNTING HEIGHTS 6" = 1'-0" 8</p> <p>BRaille CHARACTERS AS SCHEDULED PER SIGNAGE TYPE</p>	<p>FIGURE 11B-703.3.1 BRAILLE MEASUREMENT</p> <p>CROSS SECTION VISUAL/TACTILE CHARACTERS TACTILE LETTER SPACING</p> <p>RECTANGULAR BEVELED ROUNDED</p> <p>CHARACTER SPACING</p> <p>1/8" TO 3/8" SPACE BETWEEN TOP SURFACES OF TACTILE LETTERS</p> <p>NOTE:</p> <p>(A) "O" IS 60 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE "T"</p> <p>(B) STROKE THICKNESS OF THE UPPERCASE LETTER "T" SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER</p> <p>WIDTH TO HEIGHT RATIO</p> <p>60% - 110% 15% MAX SEE NOTE (A)</p> <p>STROKE TO HEIGHT RATIO</p> <p>60% - 110% 15% MAX SEE NOTE (B)</p> <p>CONTRAST</p> <p>MINIMUM 70% CONTRAST DIFFERENCE BETWEEN CHARACTERS/GRAPHICS AND BACKGROUND</p>																		
<p>ASSISTIVE LISTENING SYSTEM AVAILABLE SIGN 3" = 1'-0" 20</p> <p>INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS. COLOR: TO MATCH TEXT</p> <p>NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL. </p>	<p>NOT AN EXIT SIGNAGE 3" = 1'-0" 15</p> <p>NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL. </p>	<p>ABOVE DOOR SIGNAGE 12" = 1'-0" 10</p> <p>PHOTOPOLYMER SIGN, TYP</p> <p>NOTE: FOR ADDITIONAL INFORMATION SEE </p>	<p>SIGNAGE MOUNTING HEIGHTS 6" = 1'-0" 8</p> <p>BRaille CHARACTERS AS SCHEDULED PER SIGNAGE TYPE</p>	<p>SIGNAGE DESIGN REQUIREMENTS 1 1/2" = 1'-0" 5</p> <p>CONTRAST</p> <p>0% WHITE ON 100% BACKGROUND</p> <p>0% WHITE ON 70% BACKGROUND</p> <p>30% TEXT CONTRAST TO 100% BACKGROUND</p> <p>15% TEXT CONTRAST TO 85% BACKGROUND</p>																		

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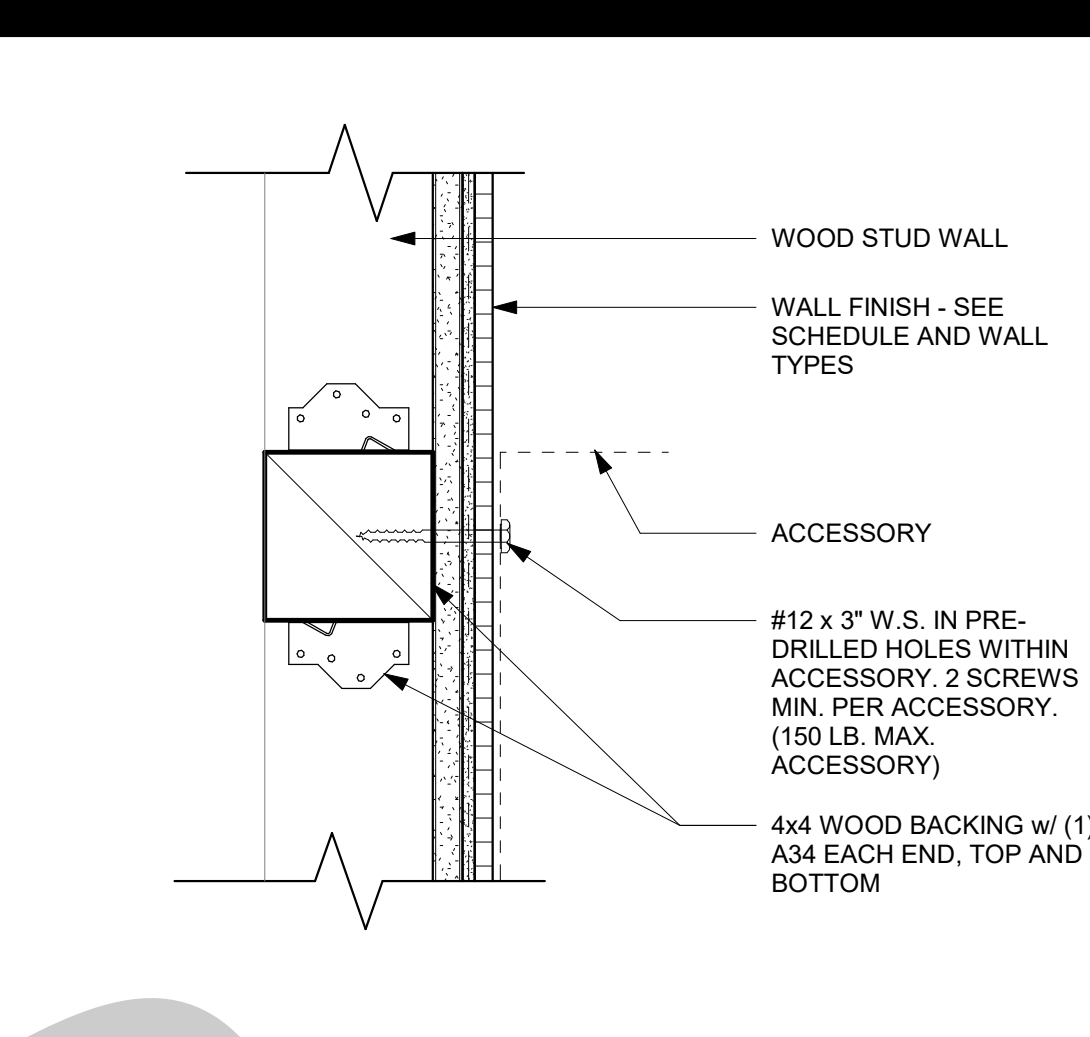
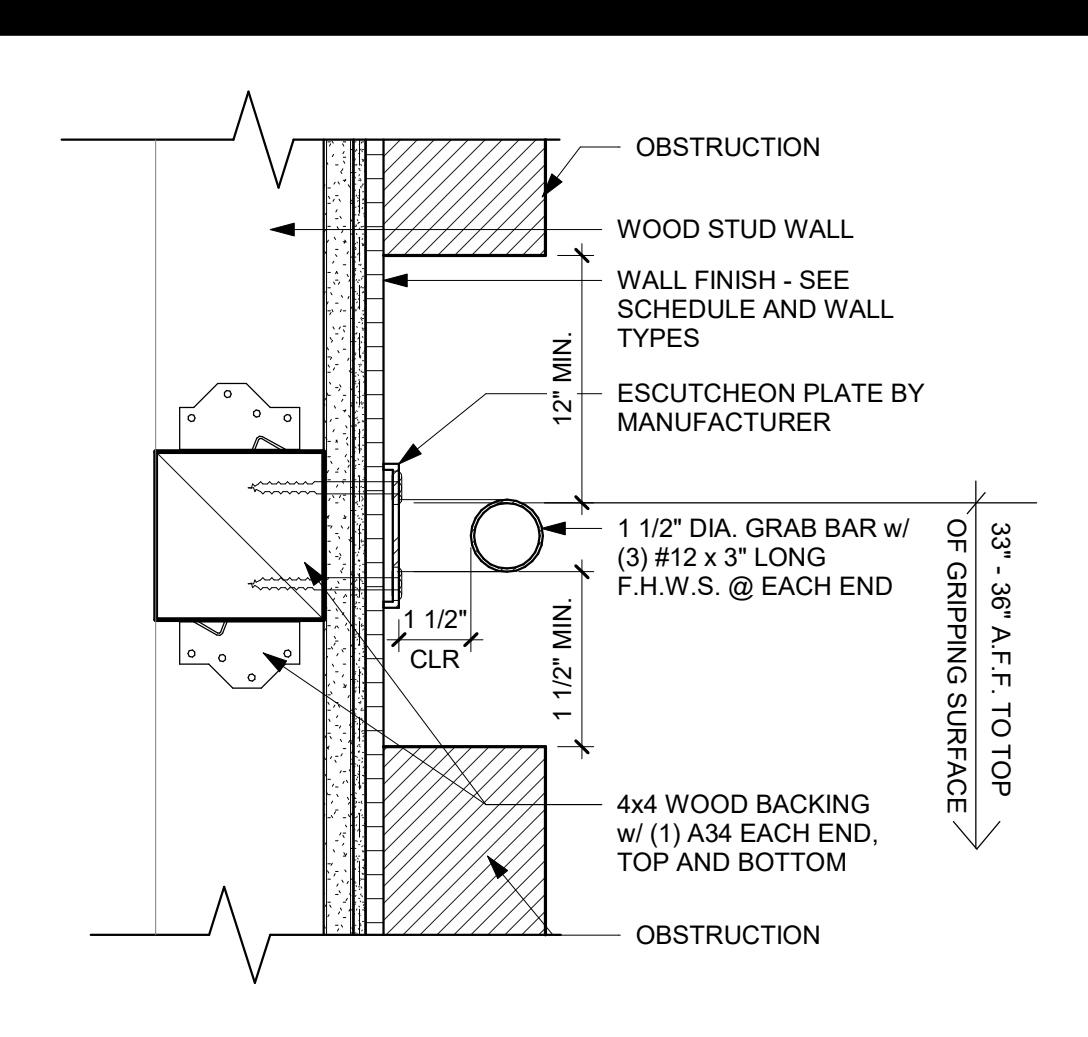
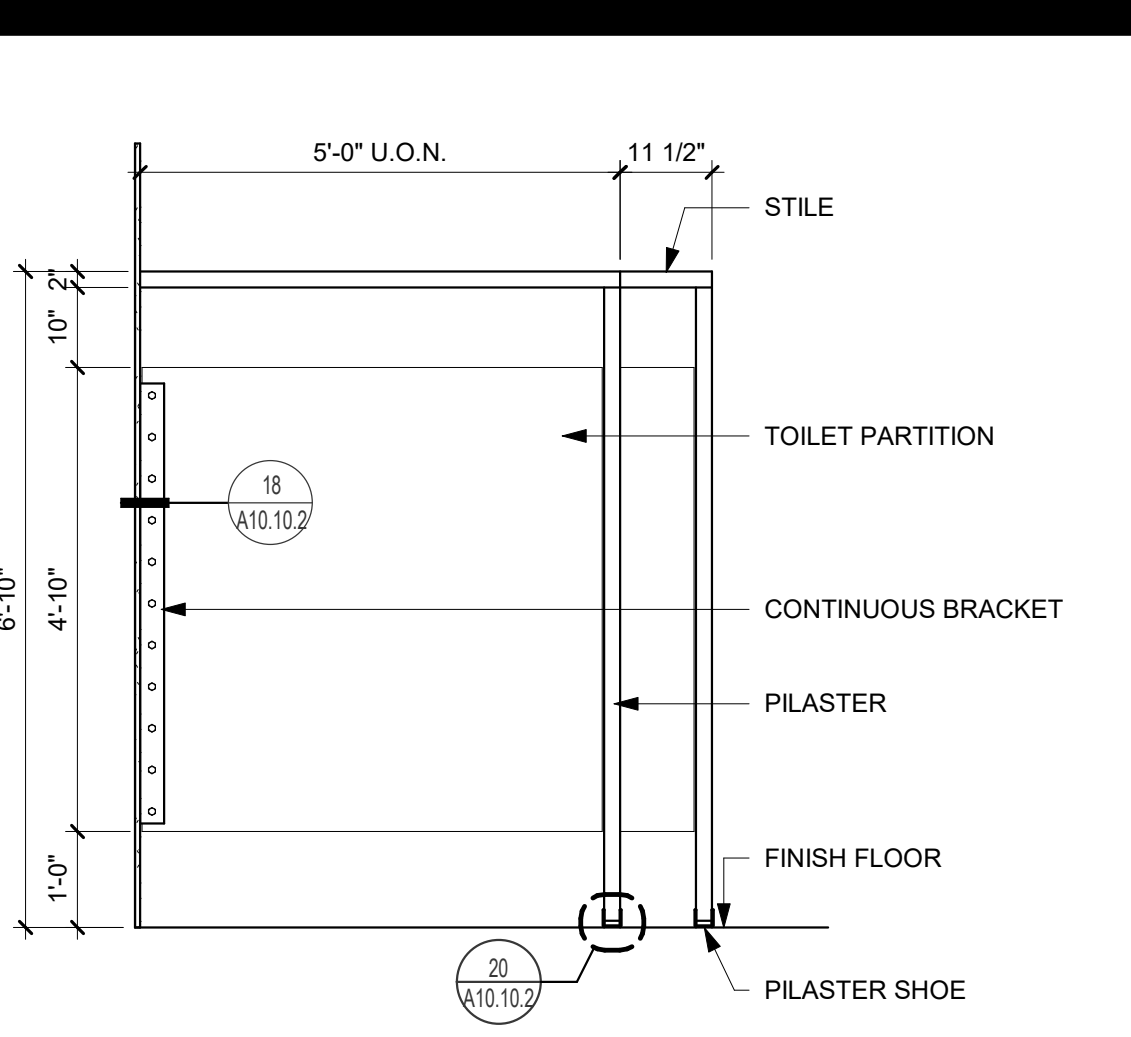
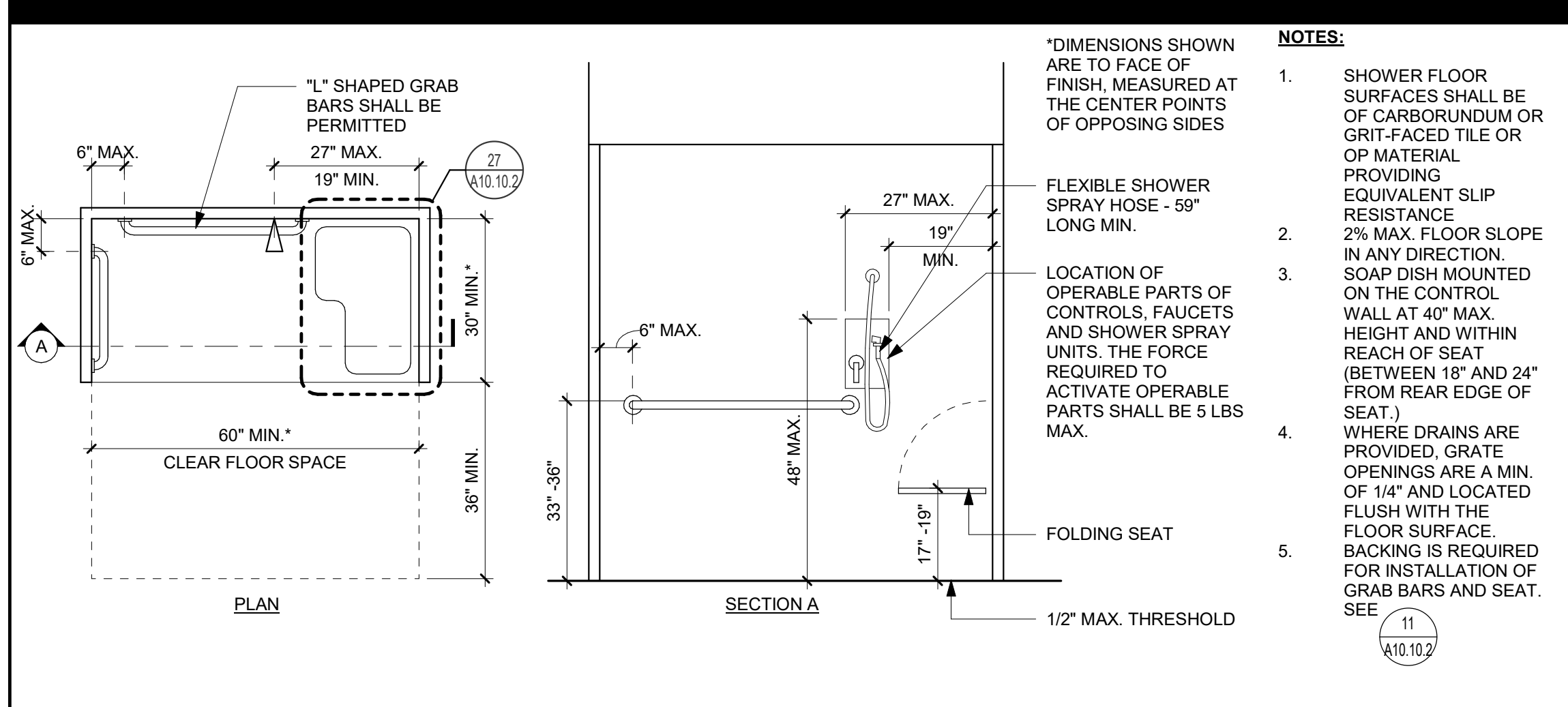
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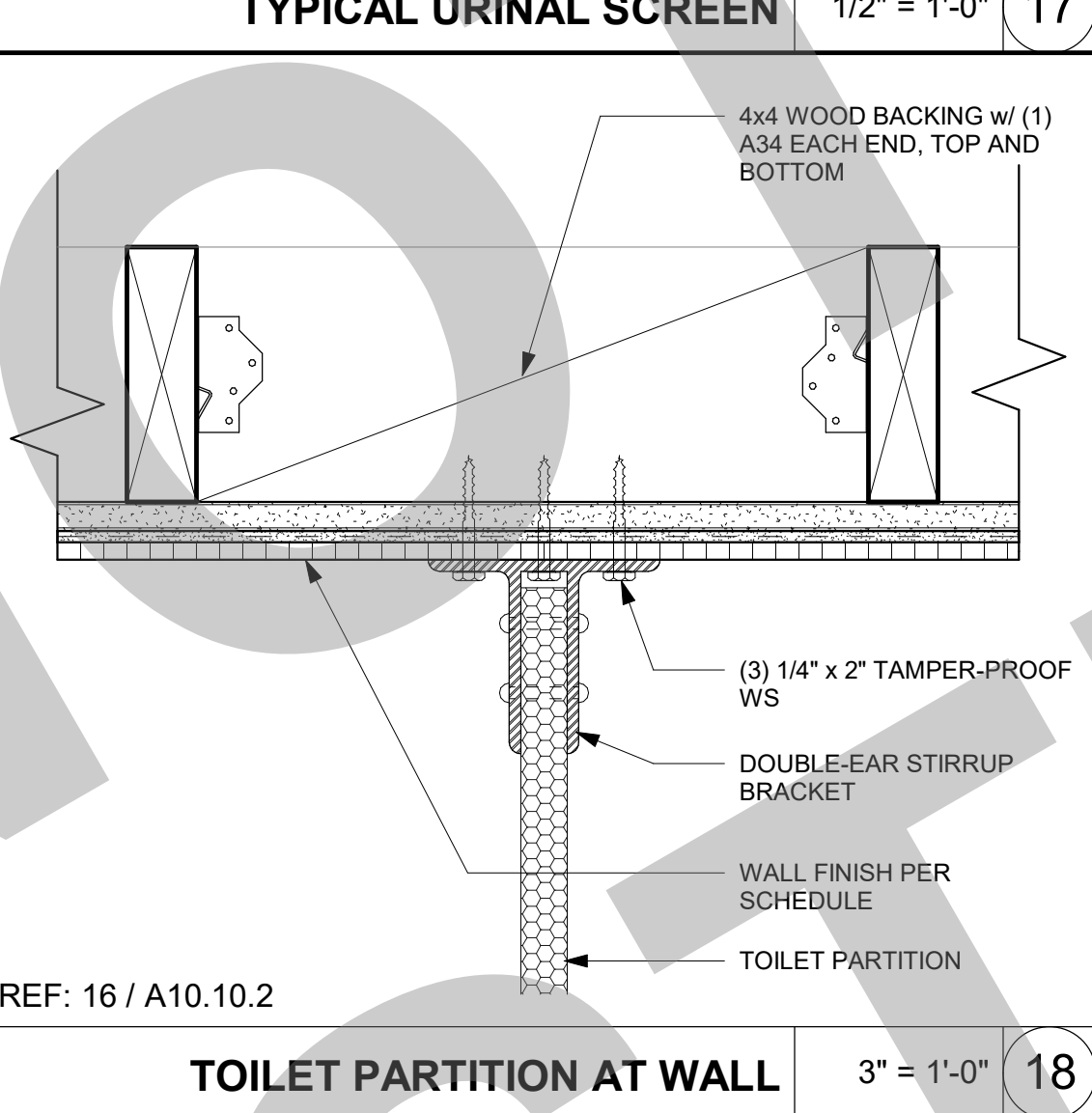
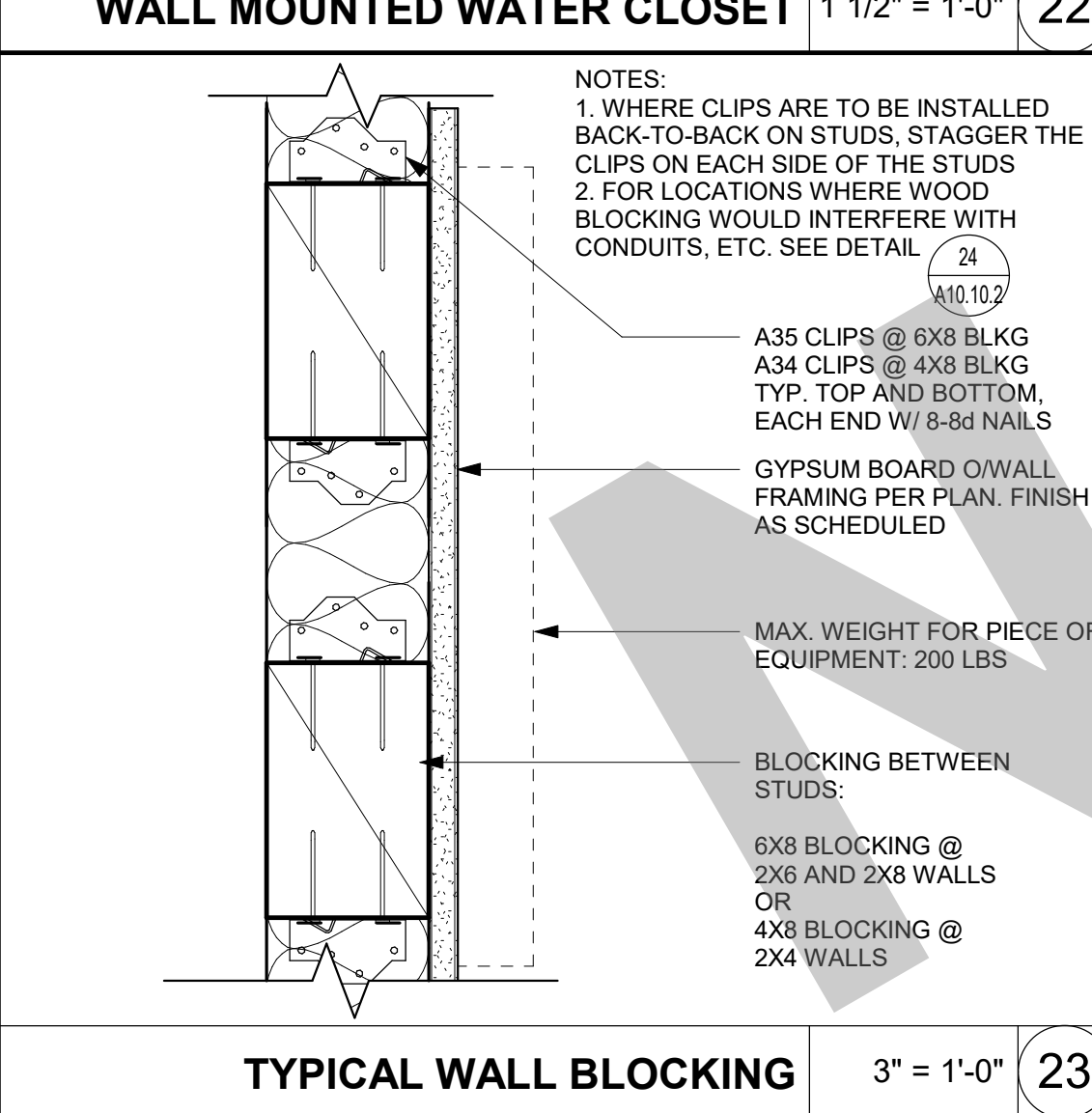
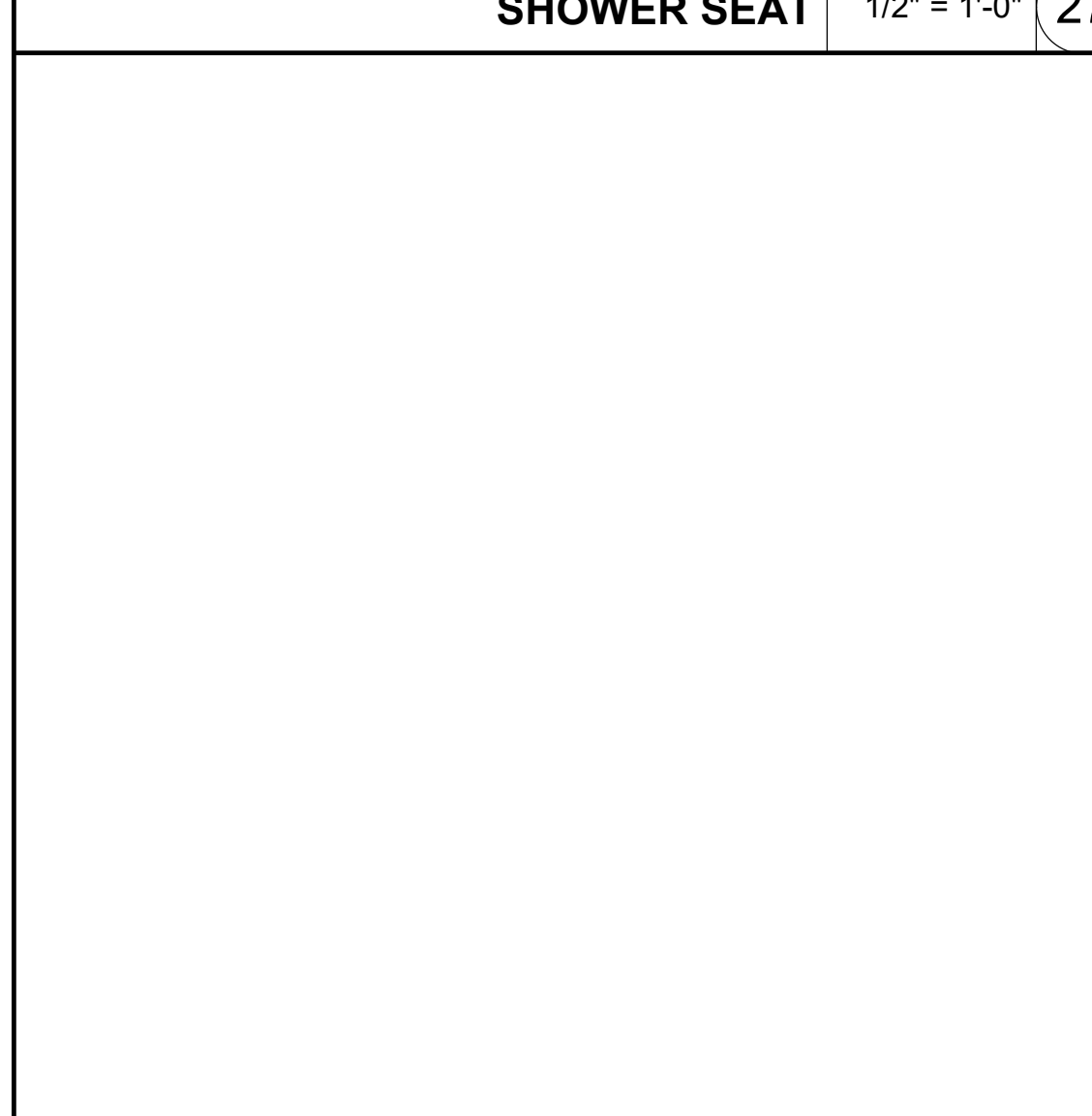
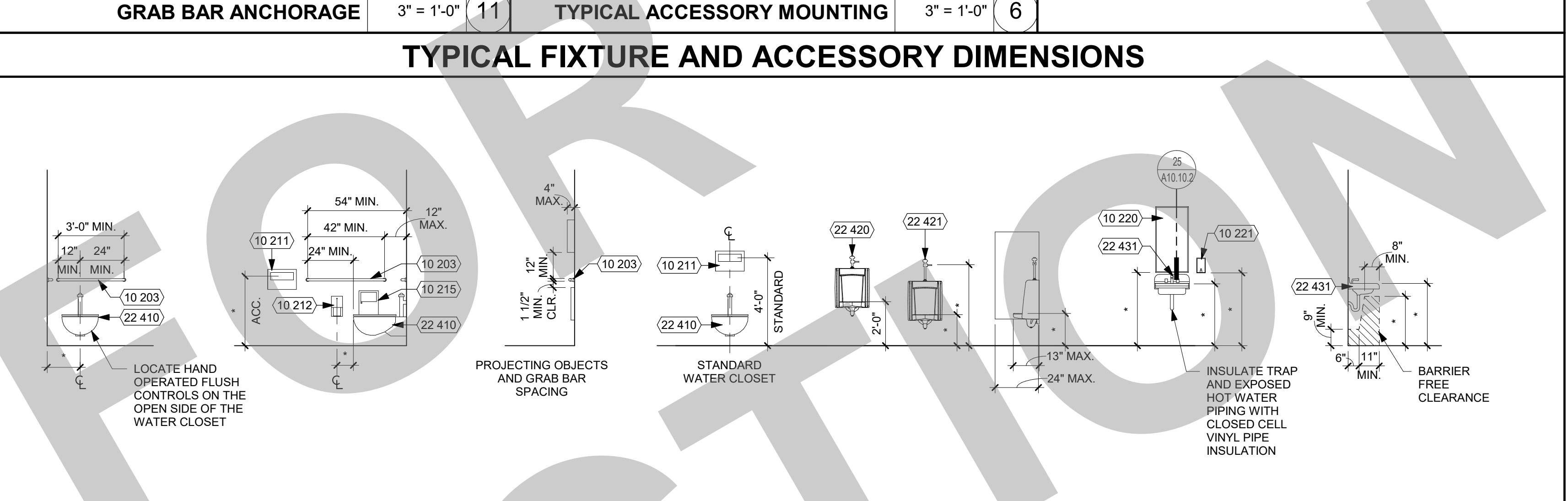
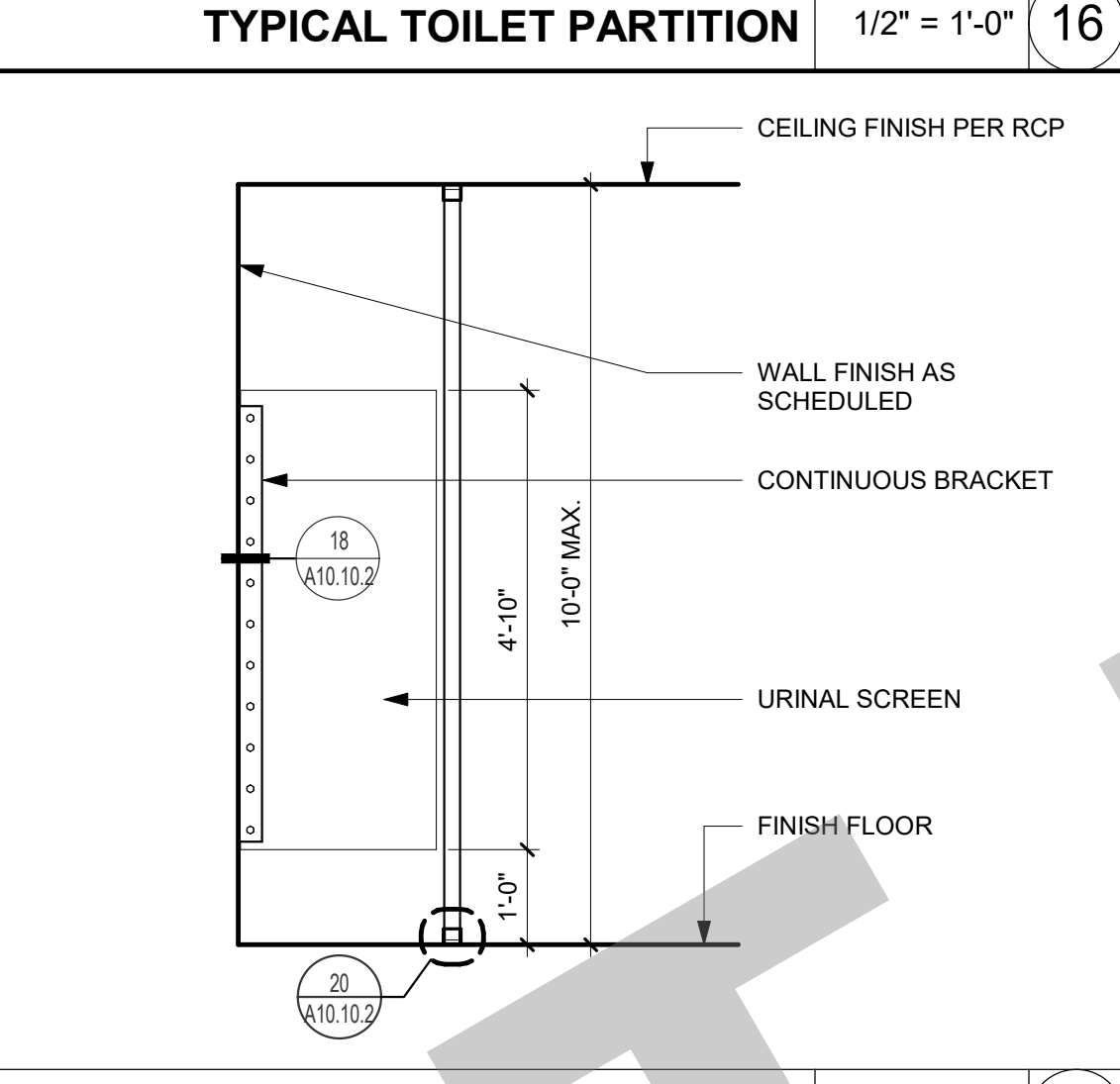
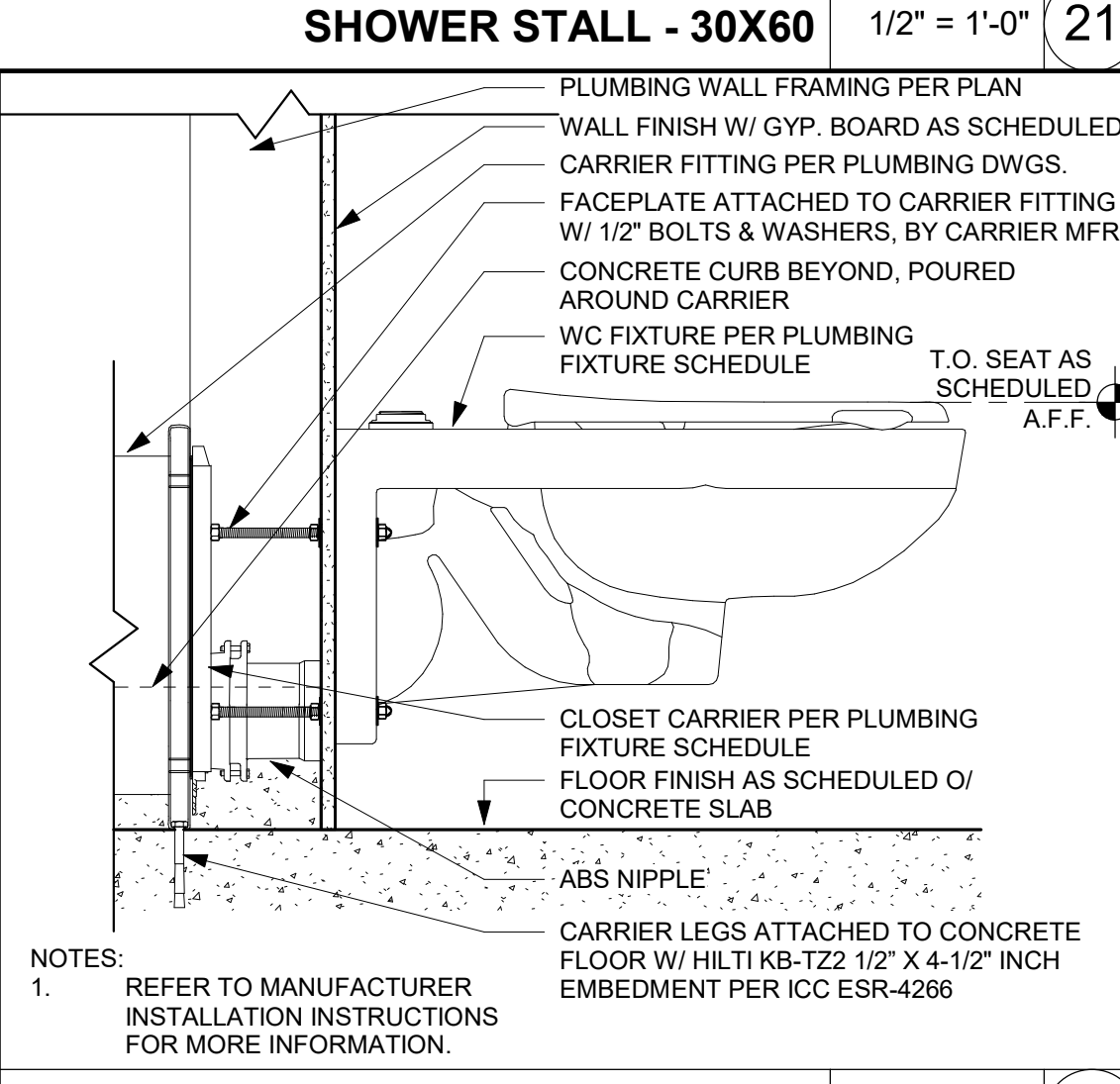
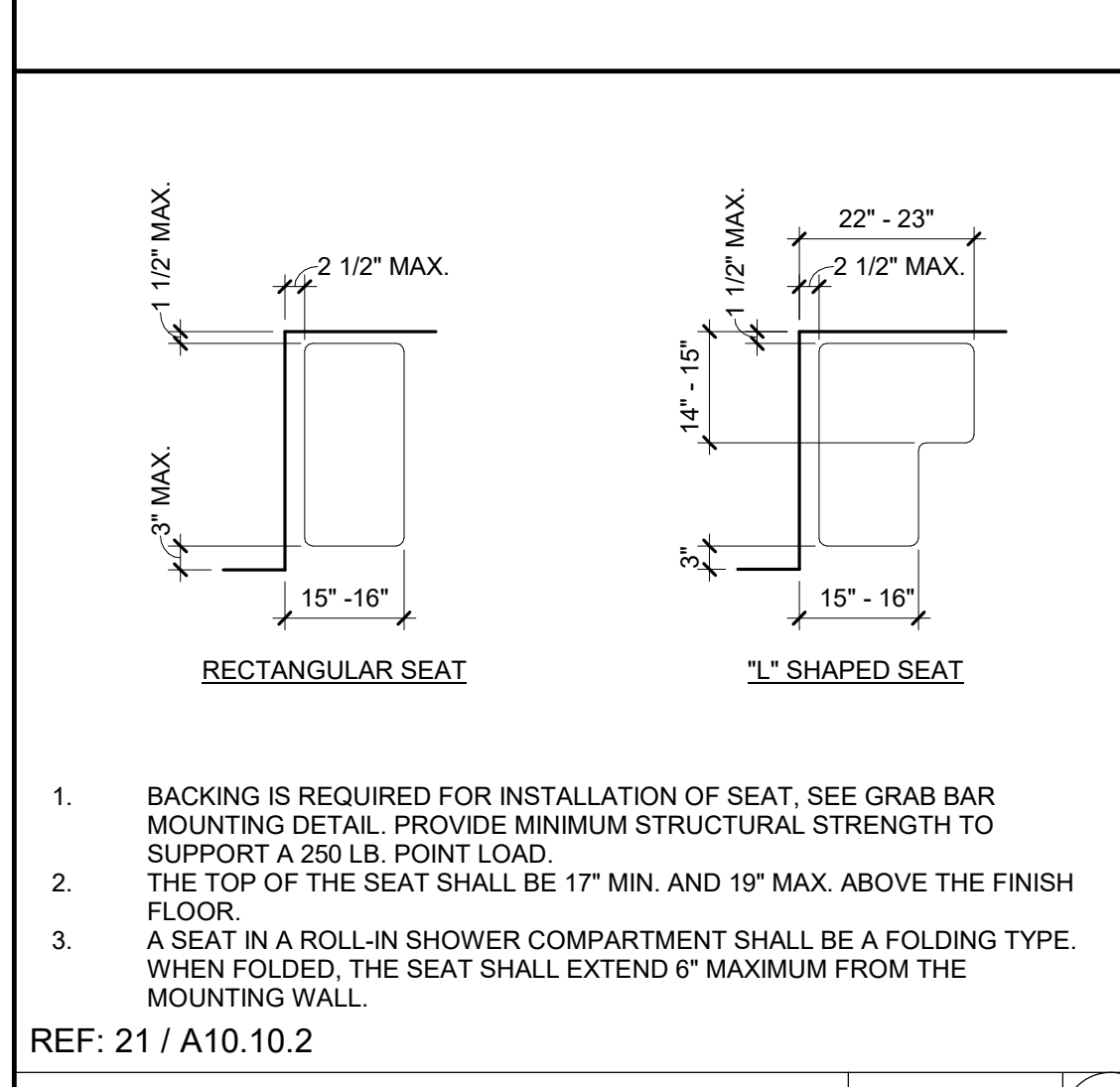
SPECIALTIES

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 Drawing Number: A10.10.1
 Drawn: []
 Checked: []
 Author: []
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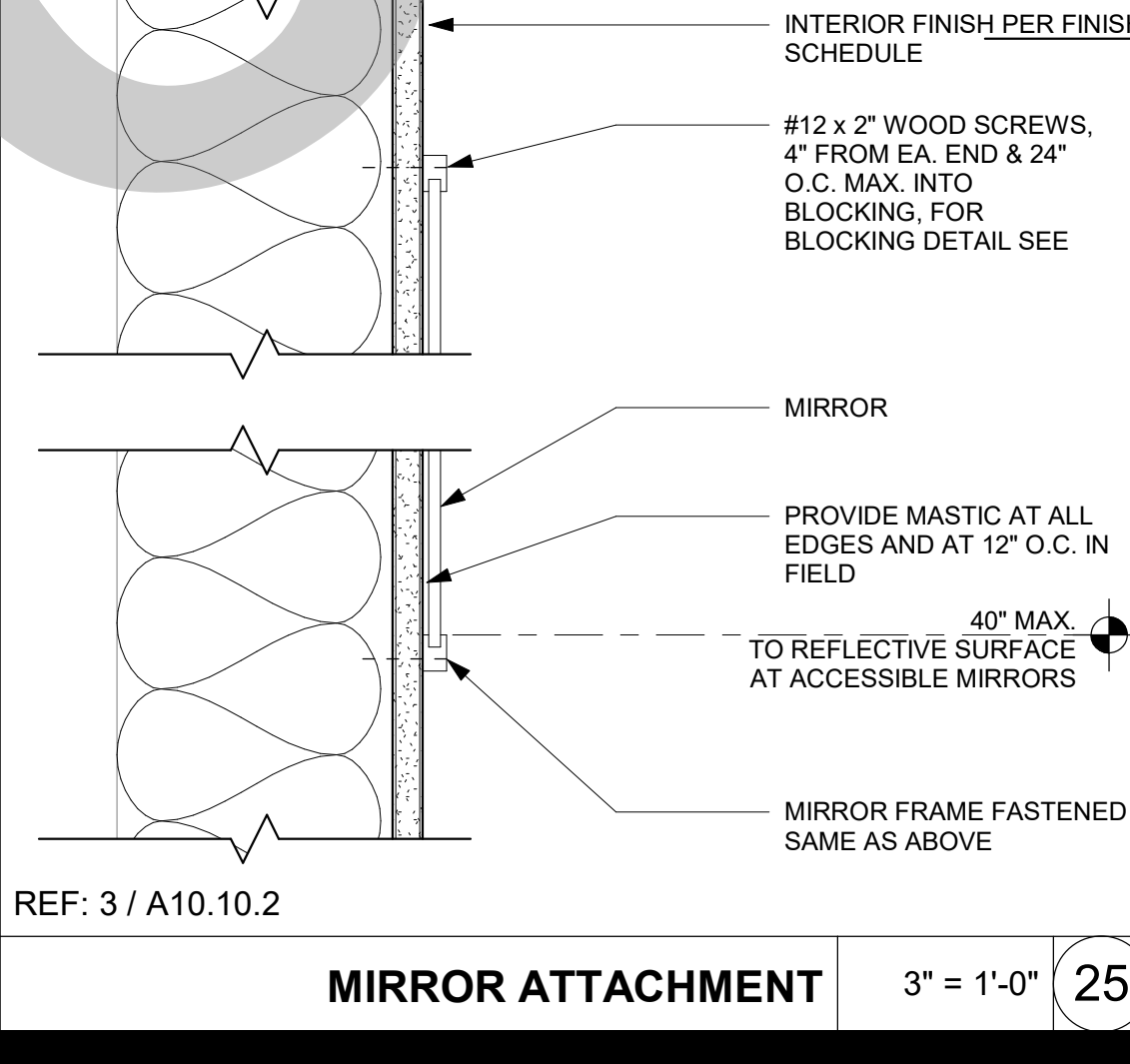
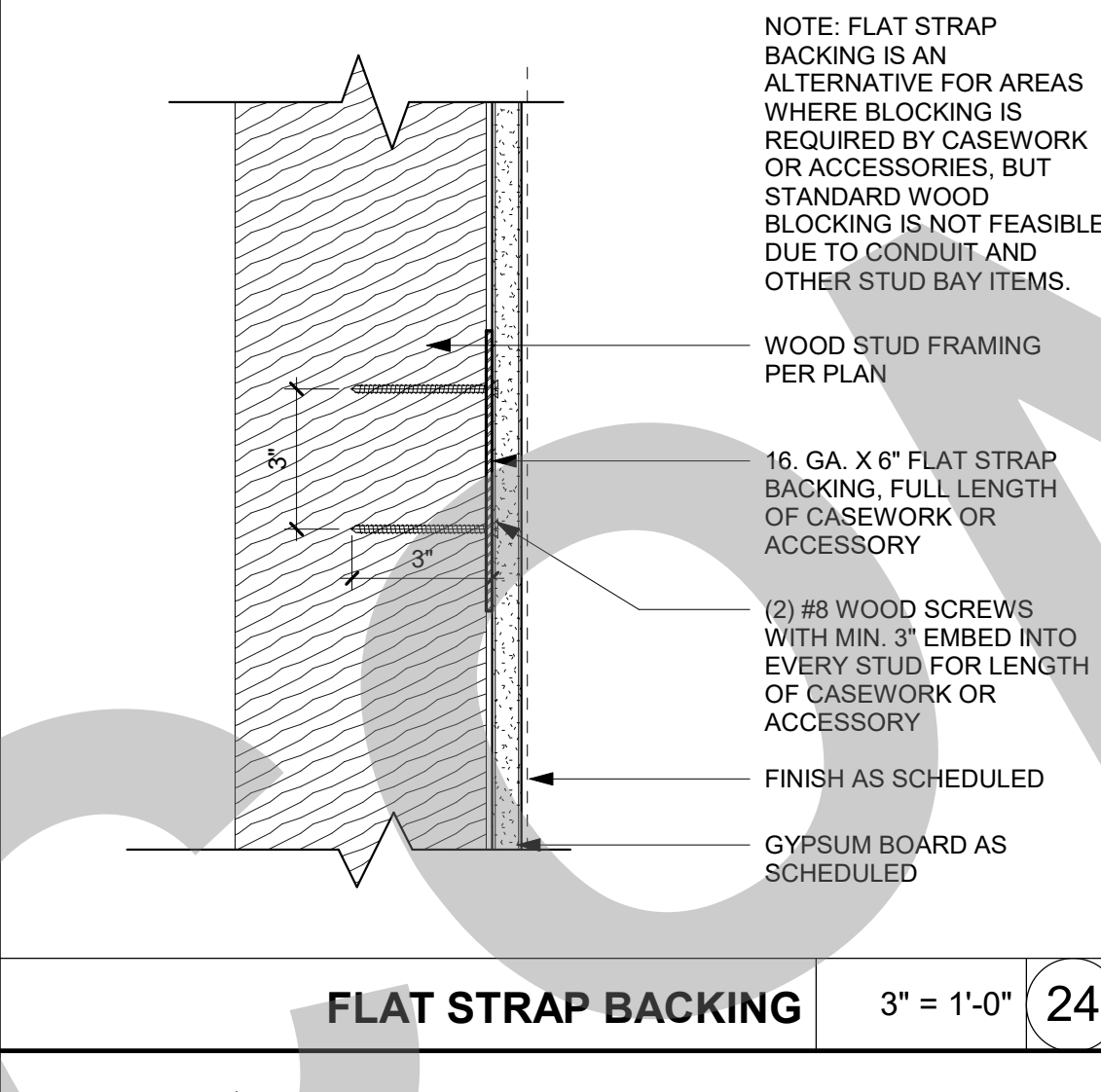
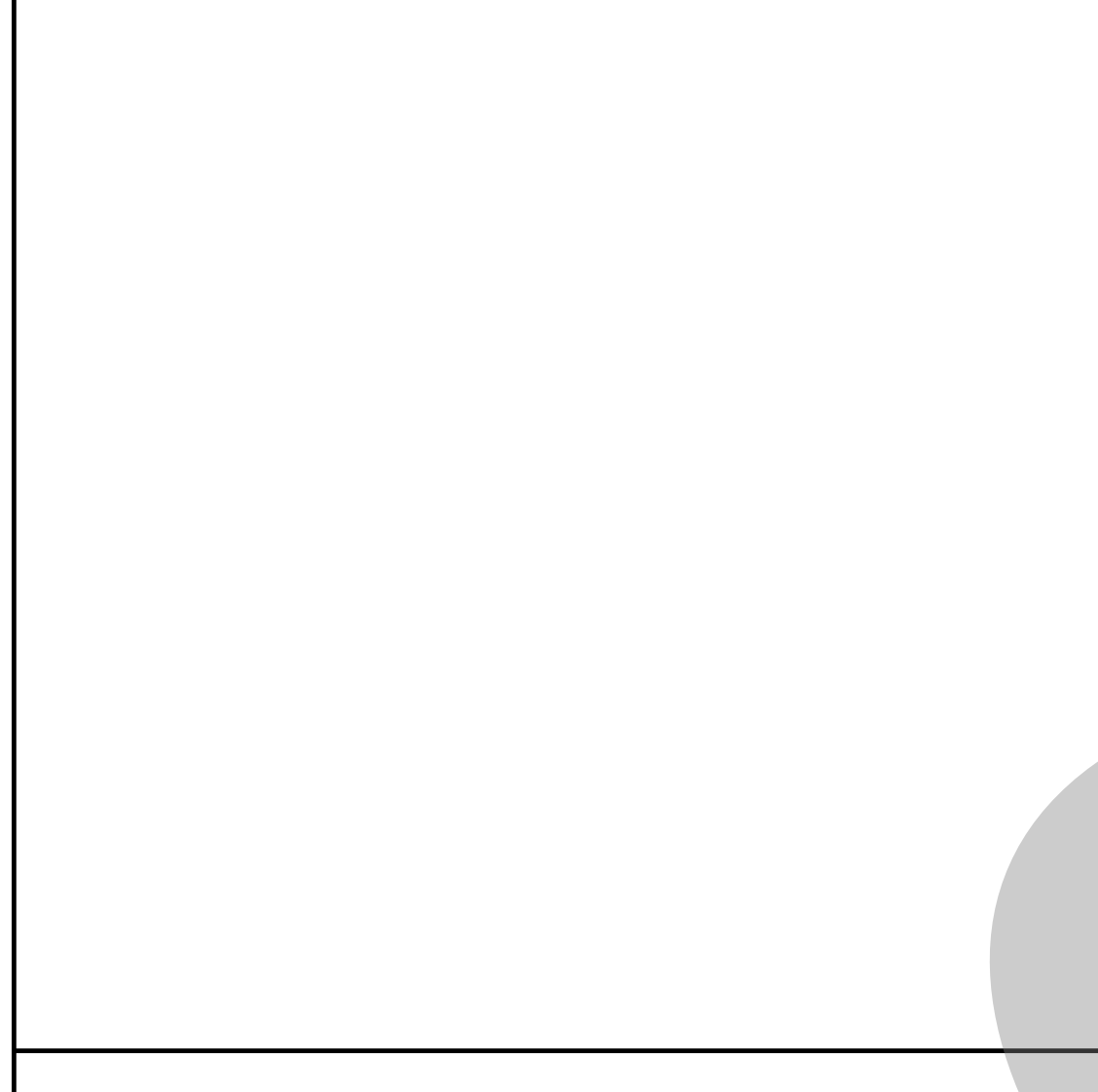
KEYNOTES

NUMBER	NOTE
10 201	TOILET PARTITION (SEE DETAIL 16/A10.10.2)
10 202	URINAL SCREEN (SEE DETAIL 17/A10.10.2)
10 203	GRAB BAR (SEE DETAIL 11/A10.10.2)
10 210	SANITARY NAPKIN DISPENSER, SURFACE MOUNTED
10 211	TOILET SEAT COVER DISPENSER, SURFACE MOUNTED
10 212	TOILET PAPER DISPENSER, SURFACE MOUNTED
10 215	SANITARY NAPKIN DISPOSAL, SURFACE MOUNTED
10 220	MIRROR
10 221	SOAP DISPENSER
10 225	PAPER TOWEL DISPENSER, SURFACE MOUNTED
10 233	WASTE RECEPTACLE, RECESSED
10 901	COAT HOOK
22 410	WALL MOUNTED WATER CLOSET (SEE DETAIL 22/A10.10.2)
22 420	URINAL
22 421	URINAL, ACCESSIBLE
22 431	LAVATORY



TOILET FIXTURES AND ACCESSORIES SCHEDULE

KEY	FIXTURE	DIMENSION REFERENCE	ADULT DIMENSION	PER TABLE 11B-609.4 (2022 CBC) SUGGESTED DIMENSION FOR CHILDREN			2022 CBC REFERENCES: T-TABLE S-SECTION F-FIGURE	RECOMMENDED TOILET ACCESSORIES MANUFACTURER (BASIS OF DESIGN)
				AGES 3-4	AGES 5-8	AGES 9-12		
10 203	GRAB BAR	TOP OF GRIPPING SURFACE	33" - 36"	18" - 20"	20" - 25"	25" - 27"	T: 11B-604.9	BOBRICK 5806 (STRAIGHT GRAB BARS)
10 201	TOILET PARTITION	TOE CLEARANCE	9" MIN.					
10 202	URINAL SCREEN							
10 221	SOAP DISPENSER	ABOVE FINISH FLOOR	40" MAX. TO CENTERLINE OF OPERABLE PART				S: 11B-603.5	BOBRICK B-2111 SOAP DISPENSER SURFACE MOUNTED
10 222	ELECTRIC HAND DRYER	ABOVE FINISH FLOOR	40" MAX. TO CENTERLINE OF OPERABLE PART				S: 11B-603.5	
10 228	PAPER TOWEL DISPENSER	ABOVE FINISH FLOOR	40" MAX. TO CENTERLINE OF OPERABLE PART				S: 11B-603.5	
10 211	SEAT COVER DISPENSER	ABOVE FINISH FLOOR	40" MAX. TO CENTERLINE OF OPERABLE PART				S: 11B-603.5	BOBRICK B-221 SEAT COVER DISPENSER SURFACE MOUNTED
10 220	MIRROR	BOTTOM EDGE OF REFLECTING SURFACE	40" MAX. ABOVE LAVATORY OR COUNTERTOP 35" MAX. NOT ABOVE LAVATORY OR COUNTERTOP				S: 11B-603.3	BOBRICK B-290 MIRROR 24" X 30"
		BOTTOM EDGE OF REFLECTING SURFACE	20" MAX. IN DRESSING, FITTING, & LOCKER ROOMS				S: 11B-603.6	
10 212	TOILET PAPER DISPENSER	OUTLET HEIGHT	19" MIN. AND BELOW GRAB BAR	14"	14" - 17"	17" - 19"	T: 11B-604.9 S: 11B-604.7	BOBRICK B-2888 TOILET TISSUE DISPENSER SURFACE MOUNTED
		FURTHEST IN FRONT OF WATER CLOSET	7" MIN. - 9" MAX. TO CENTERLINE OF DISPENSER					
10 210	SANITARY NAPKIN DISPENSER	ABOVE FINISH FLOOR	40" MAX. TO CENTERLINE OF OPERABLE PART				S: 11B-603.5	
10 215	SANITARY NAPKIN DISPOSAL	OPENING HEIGHT	19" MIN. AND BELOW GRAB BAR					BOBRICK B-254 SANITARY NAPKIN DISPOSAL SURFACE MOUNTED
10 901	COAT HOOK	ABOVE FINISH FLOOR	40" - 48"				S: 11B-604.8.3	BOBRICK B-7671 ROBE HOOK
22 403	H-I-O DRINKING FOUNTAIN	HIGH SPOUT HEIGHT	38" MIN. - 43" MAX.				S: 11B-602.7	
		LOW SPOUT APPROACH, HEIGHT, AND LOCATION FROM FRONT EDGE OF THE UNIT INCLUDING BUMPERS	FRONT APPROACH PER 11B-306, 36" MAX. A.F.F., AND 5" MAX. FROM FRONT EDGE OF UNIT. PARALLEL APPROACH IS PERMITTED IF SPOUT IS 30" MAX. A.F.F. & 3 1/2" MAX. FROM FRONT EDGE OF UNIT.				S: 11B-602.2 - EXCEPTION S: 11B-602.4 S: 11B-602.5	
		OPERABLE PARTS	6" MAX. FROM FRONT EDGE OF UNIT				S: 11B-602.3	
		PROJECTION	18" - 19"				S: 11B-602.9	
22 410	STANDARD WATER CLOSET							
22 411	ACCESSIBLE WATER CLOSET	CENTERLINE FROM WALL (TOILET OFFSET)		12"	12" - 15"	15" - 18"	T: 11B-604.9	
		SEAT HEIGHT (TOP OF SEAT)		17" - 19"	12" - 15"	15" - 17"	T: 11B-604.9	
22 420	STANDARD URINAL	RIM HEIGHT	24"				S: 11B-605.2	
22 421	ACCESSIBLE URINAL	RIM HEIGHT	17" MAX.				S: 11B-605.2	
		PROJECTION	13 1/2" MIN.				S: 11B-605.2	
		FLUSH CONTROL HEIGHT	44" MAX.				S: 11B-605.4	
22 431	LAVATORY (W/ INSULATED DRAIN)	SINK RIM HEIGHT	34" MAX.				S: 11B-606.2 S: 11B-606.3	
		SINK KNEE CLEARANCE	27" MIN. (29" AT APRON FOR LAVATORY)	PARALLEL APPROACH PERMITTED	AGE 5 - PARALLEL APPROACH PERMITTED AGES 6-8: 24" MIN.	24" MIN.	S: 11B-606.2 F: 11B-306.3	



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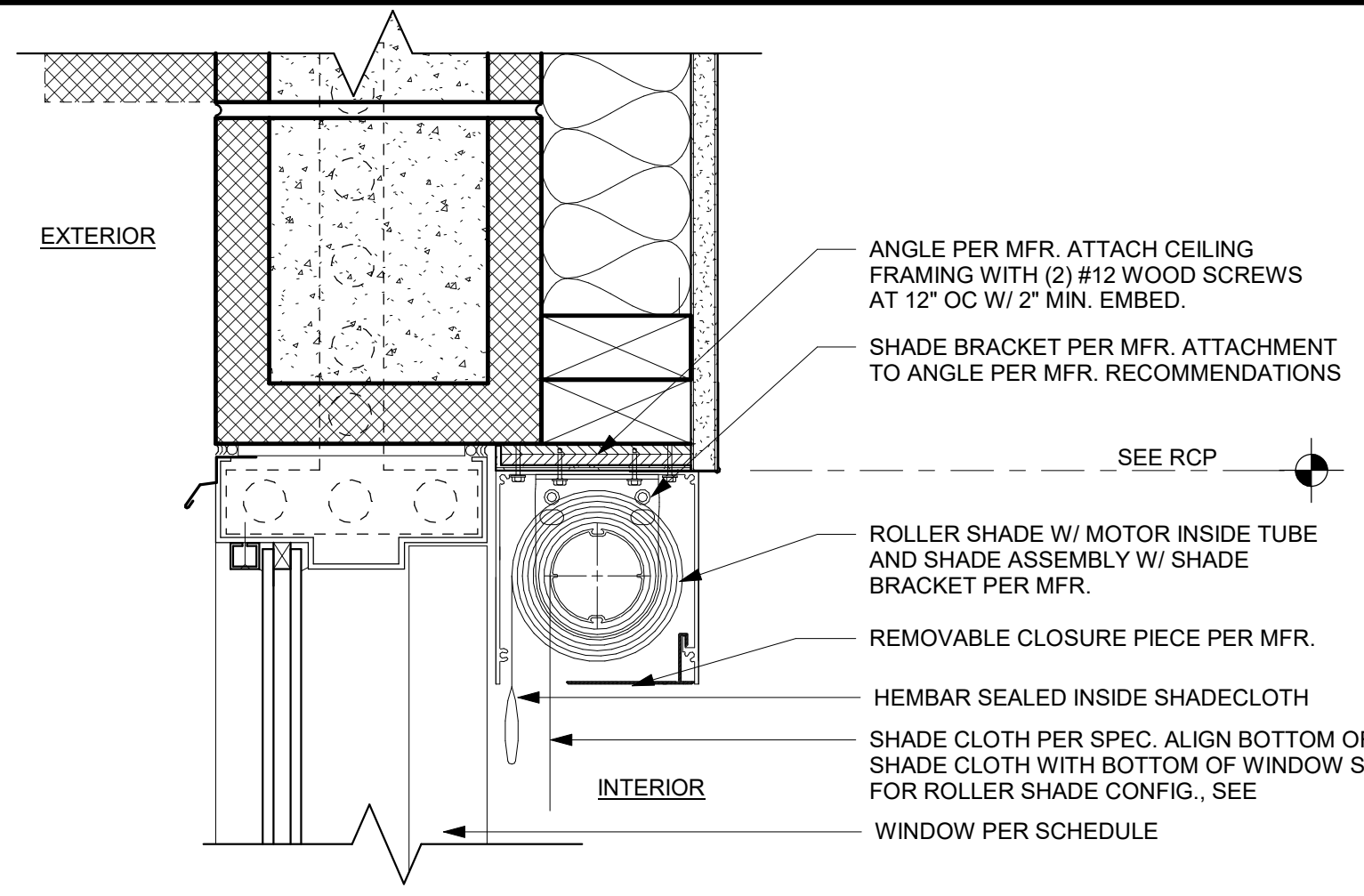
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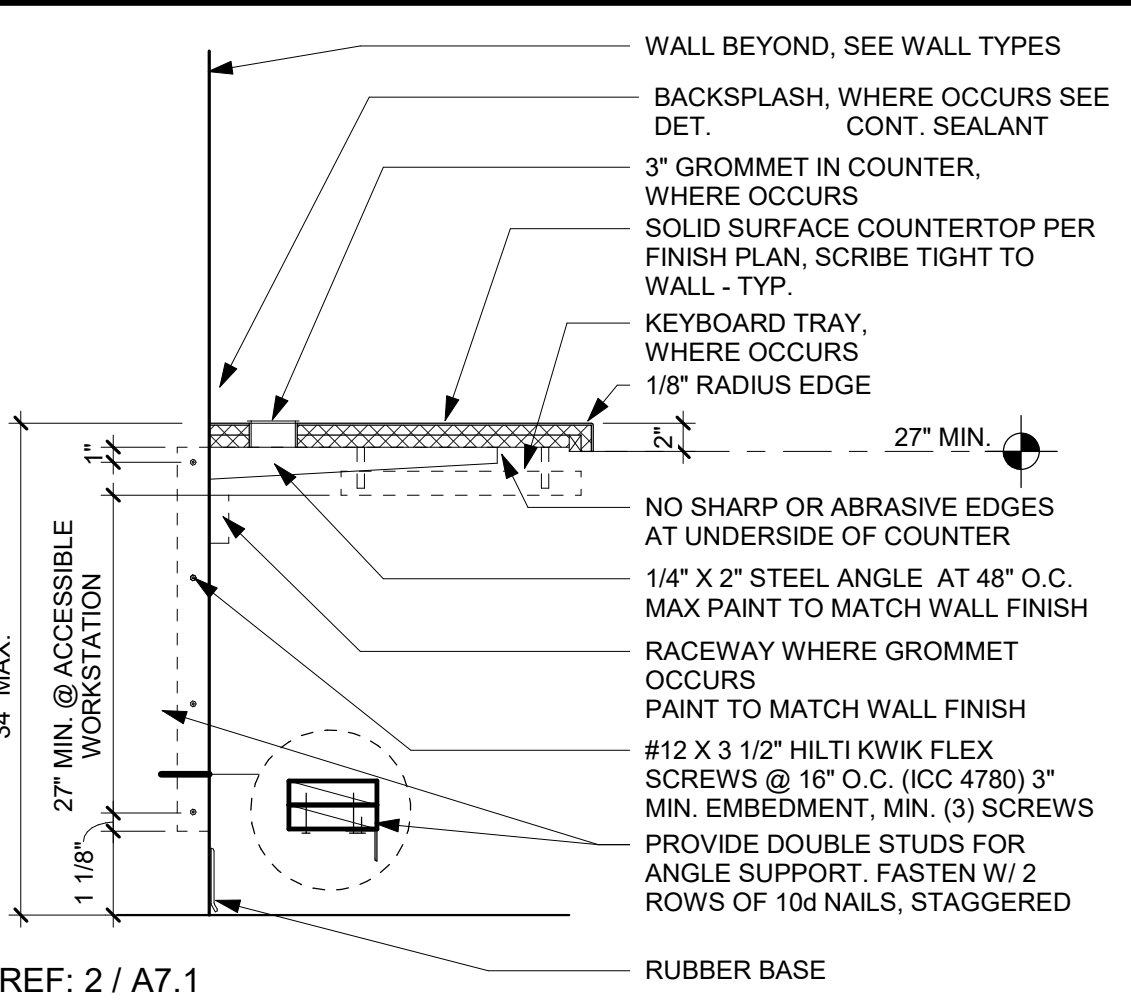
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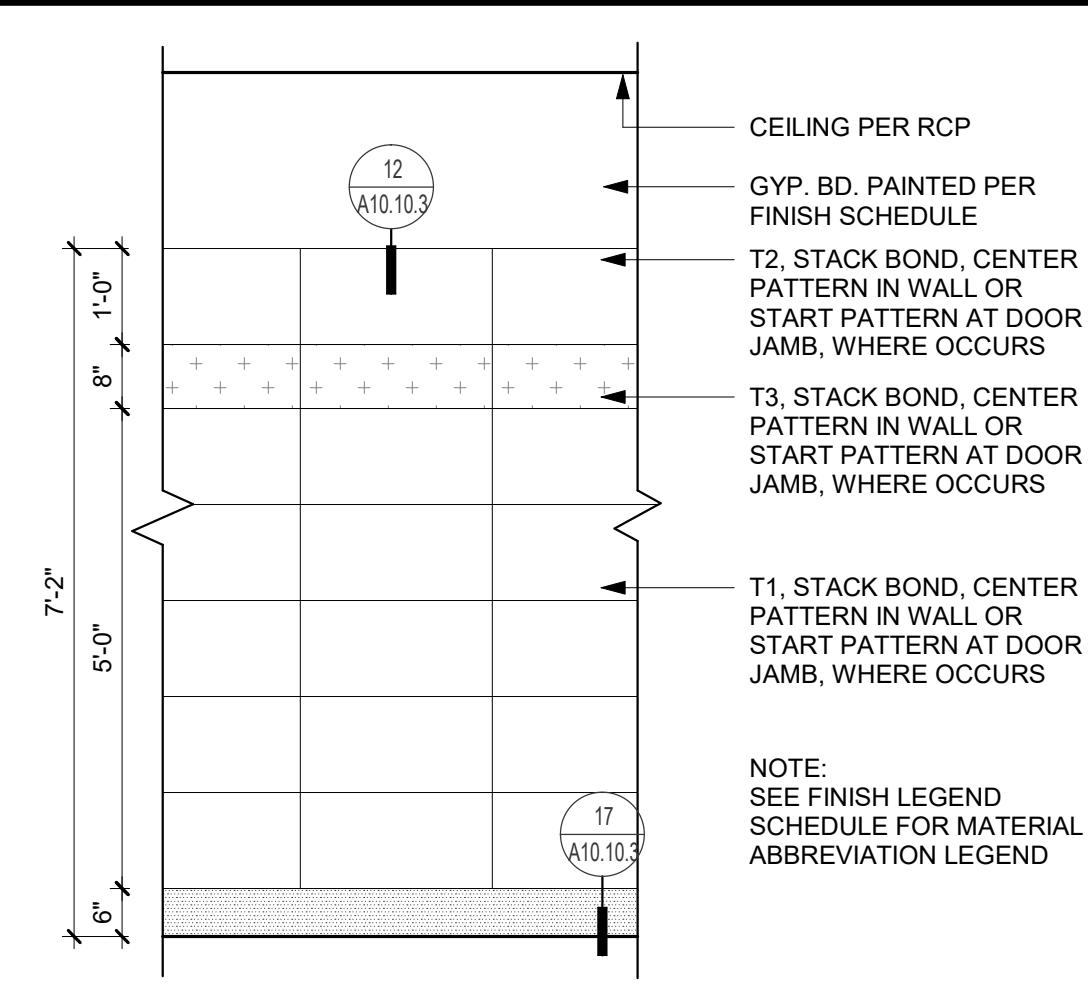
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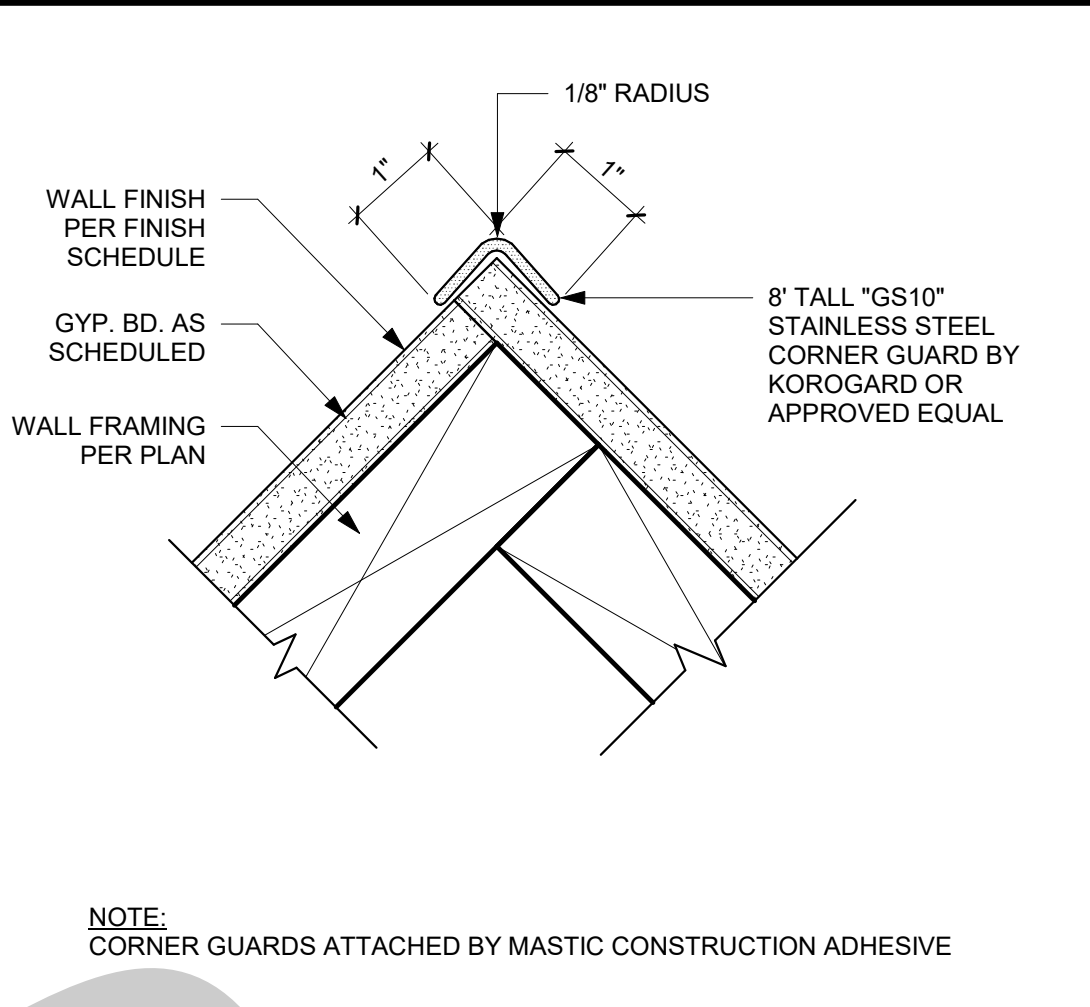
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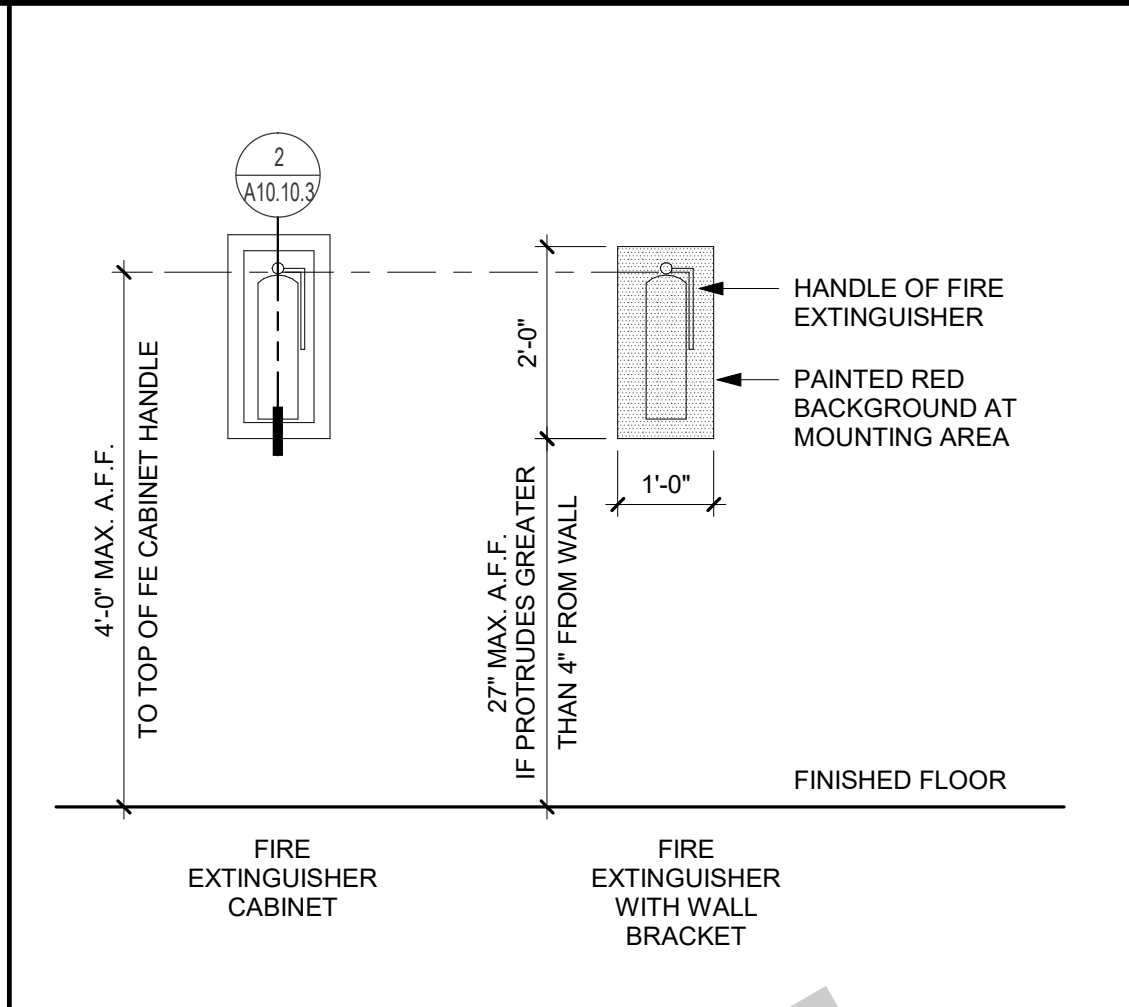
COUNTERTOP W/ IN WALL SUPPORT 1" = 1'-0" 16



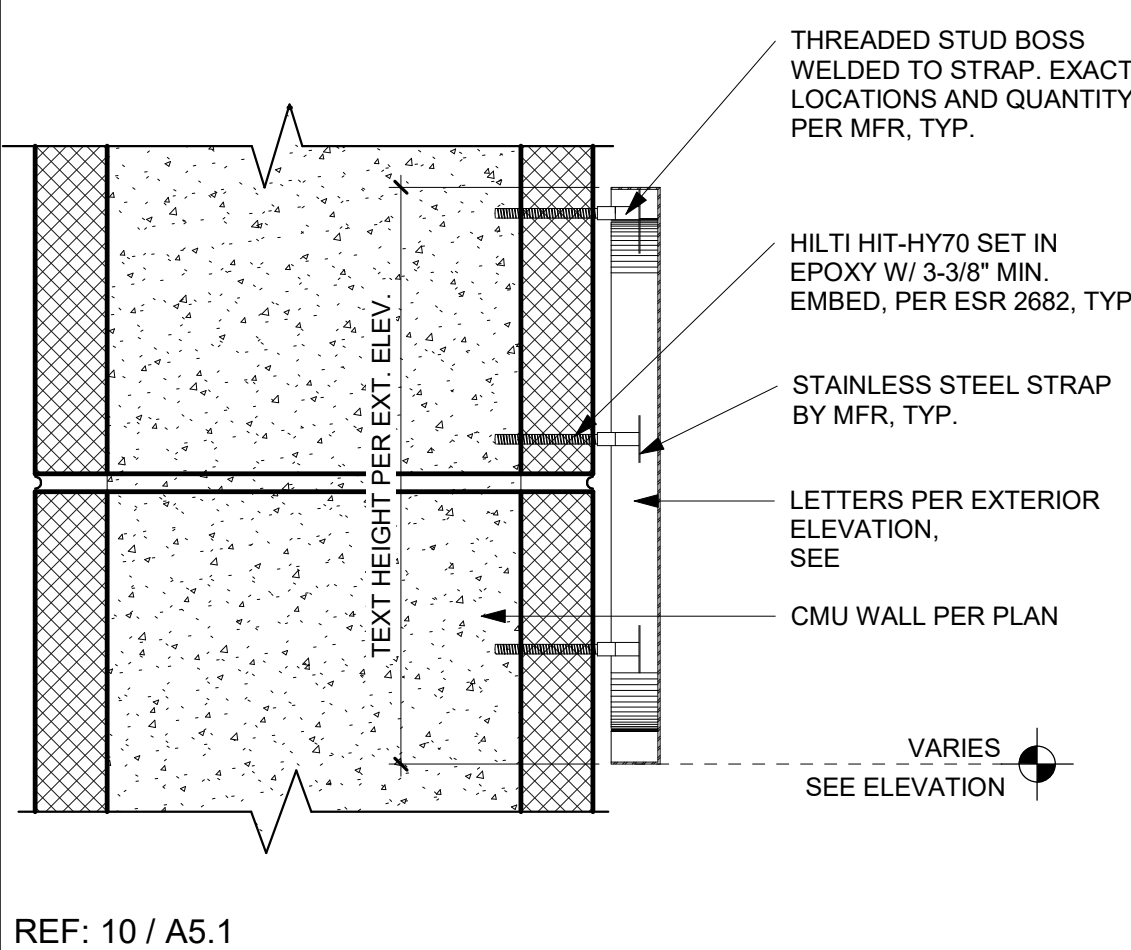
RESTROOM TILE PATTERN 1/2" = 1'-0" 11



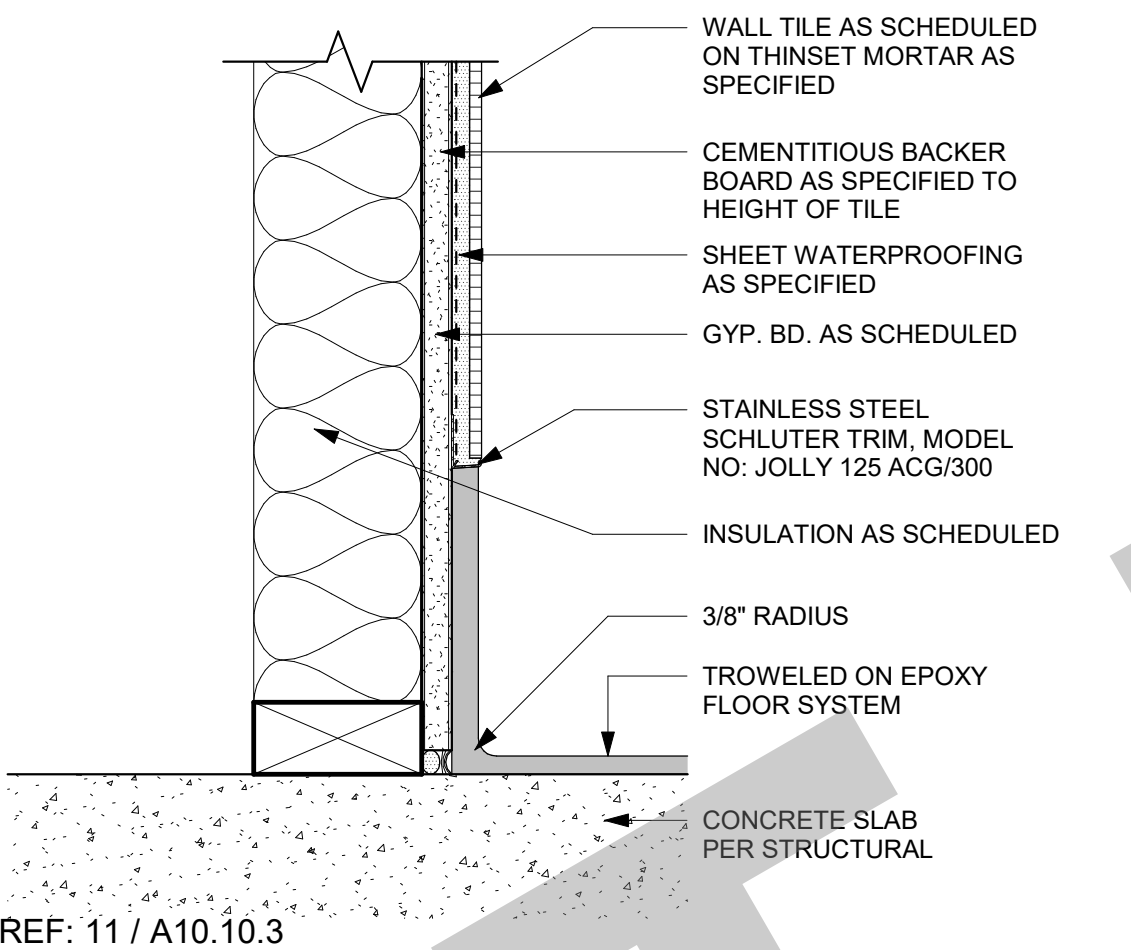
S.S. CORNER GUARD 6" = 1'-0" 6



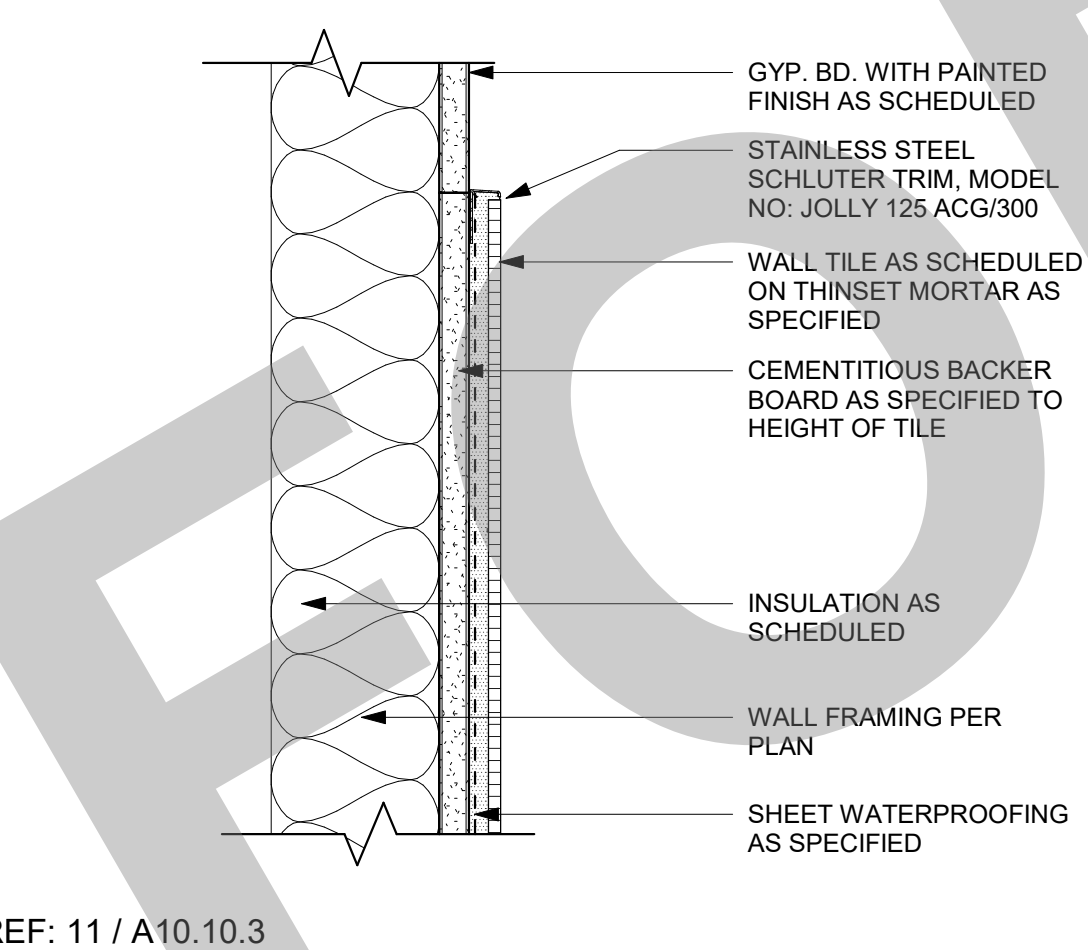
FIRE EXTINGUISHER CABINET 1/2" = 1'-0" 1



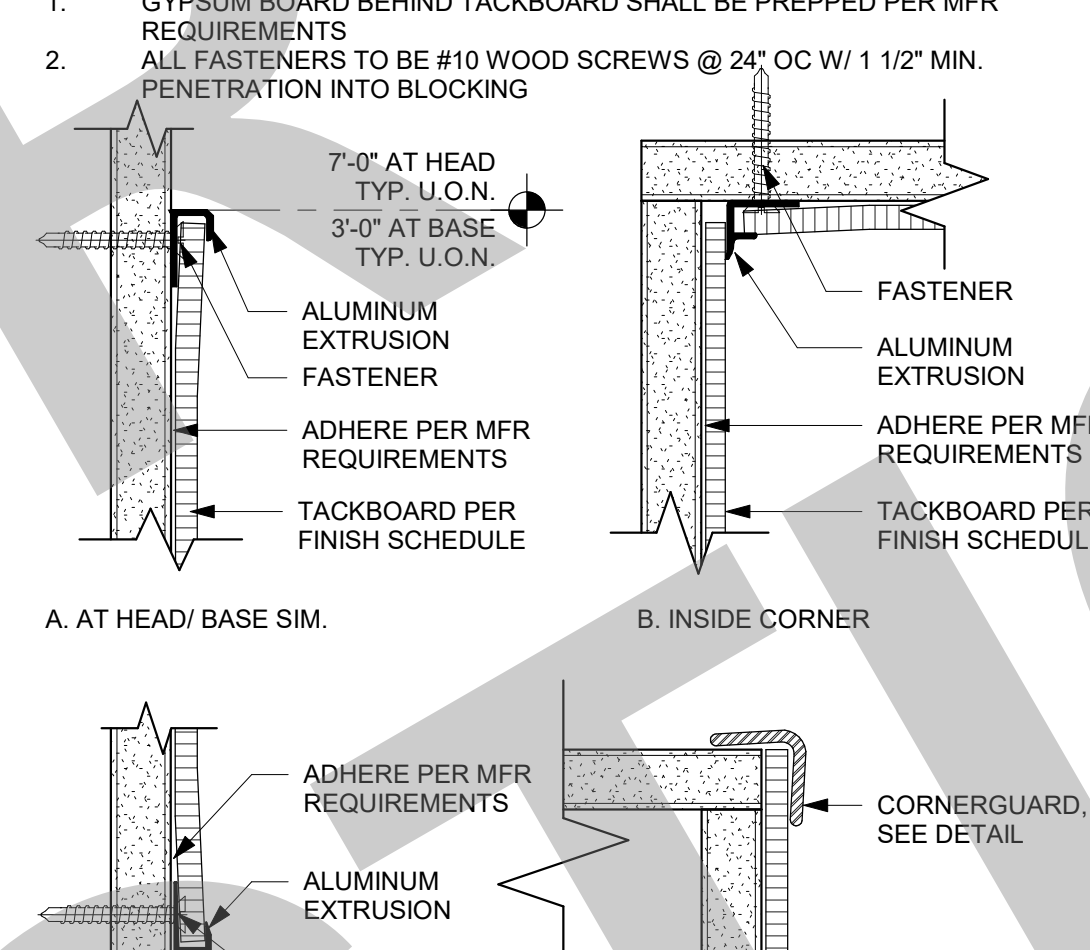
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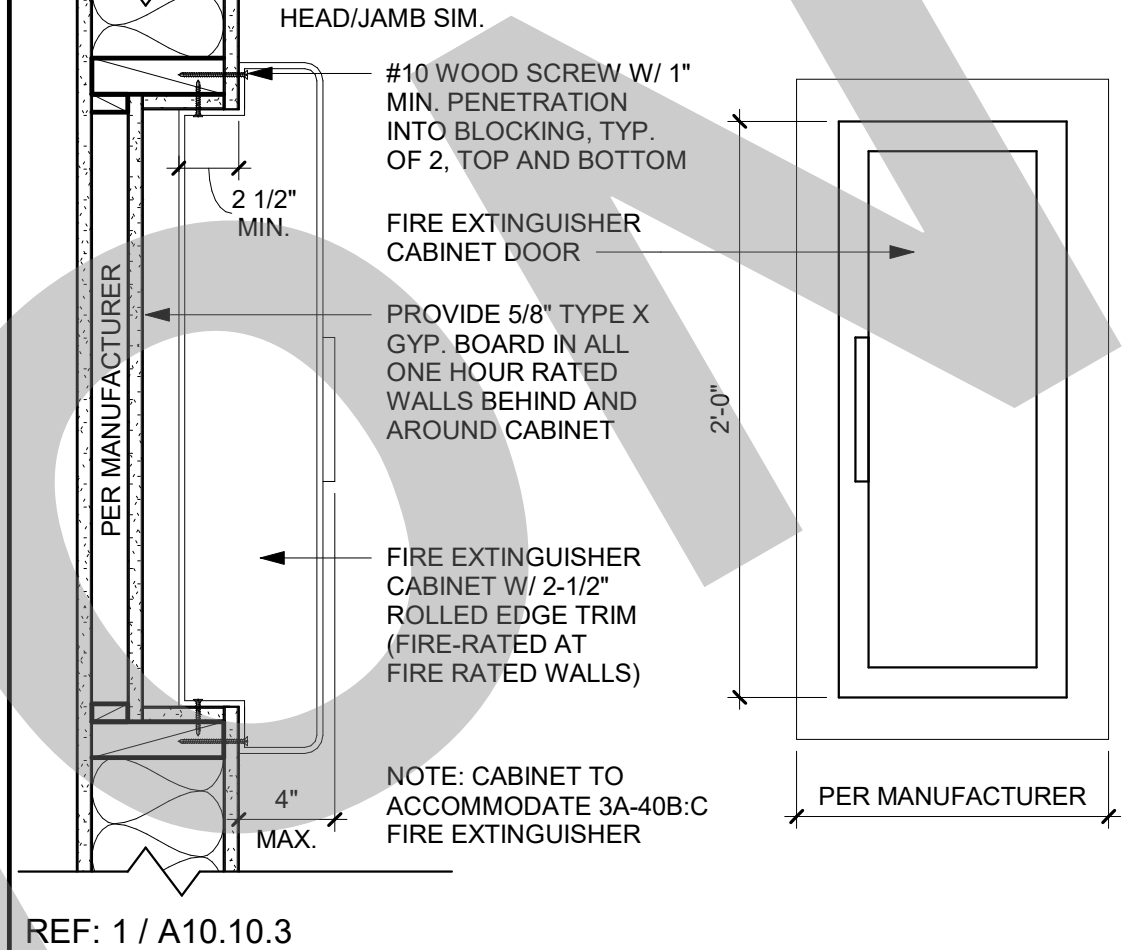
EPOXY BASE AT TILE 3" = 1'-0" 17



TILE TOP TRIM 3" = 1'-0" 12



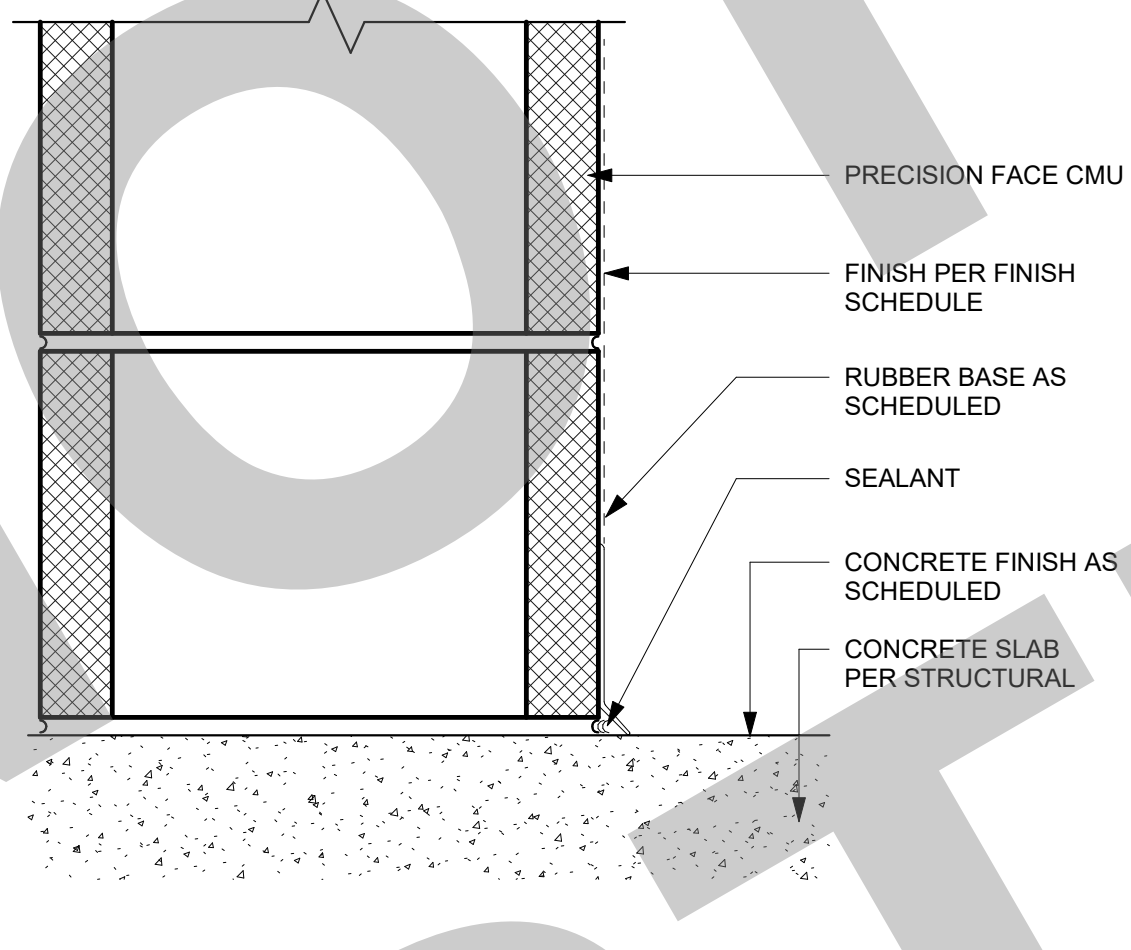
TACKBOARD ATTACHMENT 6" = 1'-0" 8



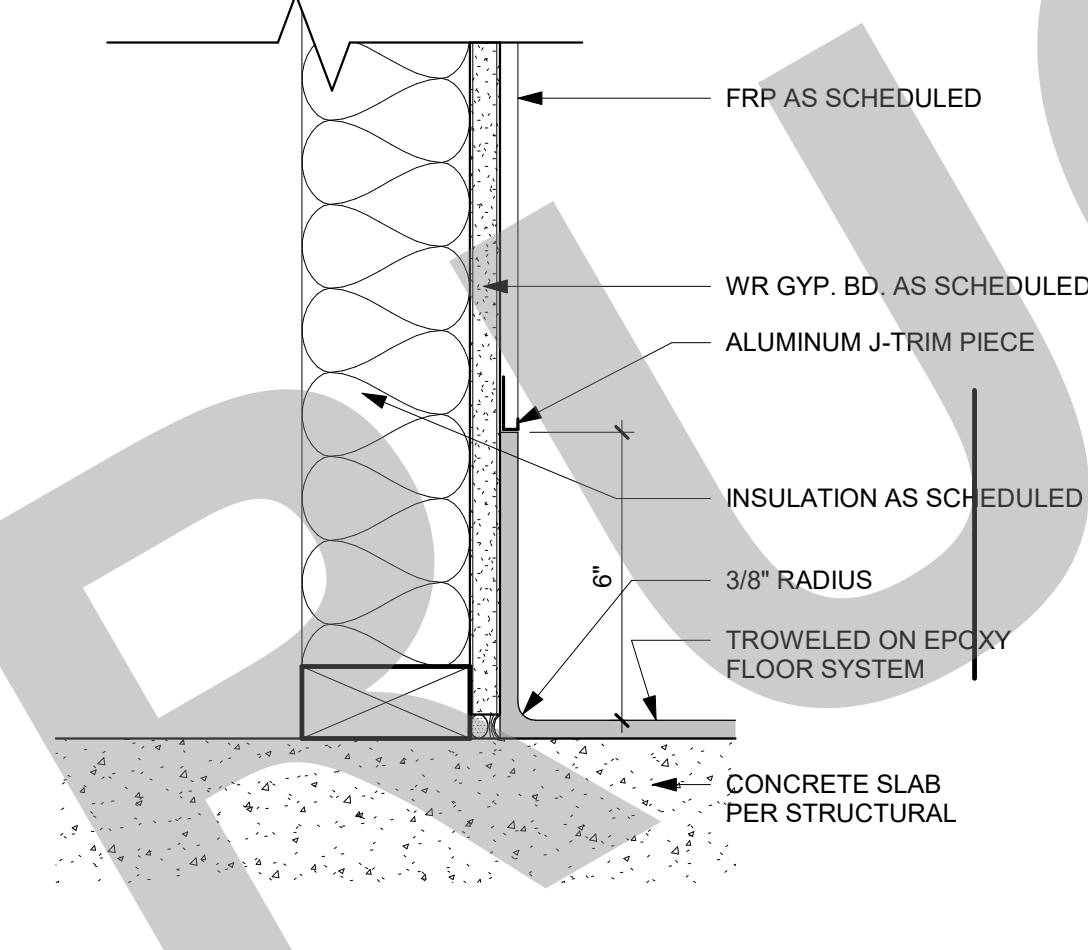
SEMI-REC. F.E. CAB. ANCHORAGE 1 1/2" = 1'-0" 2



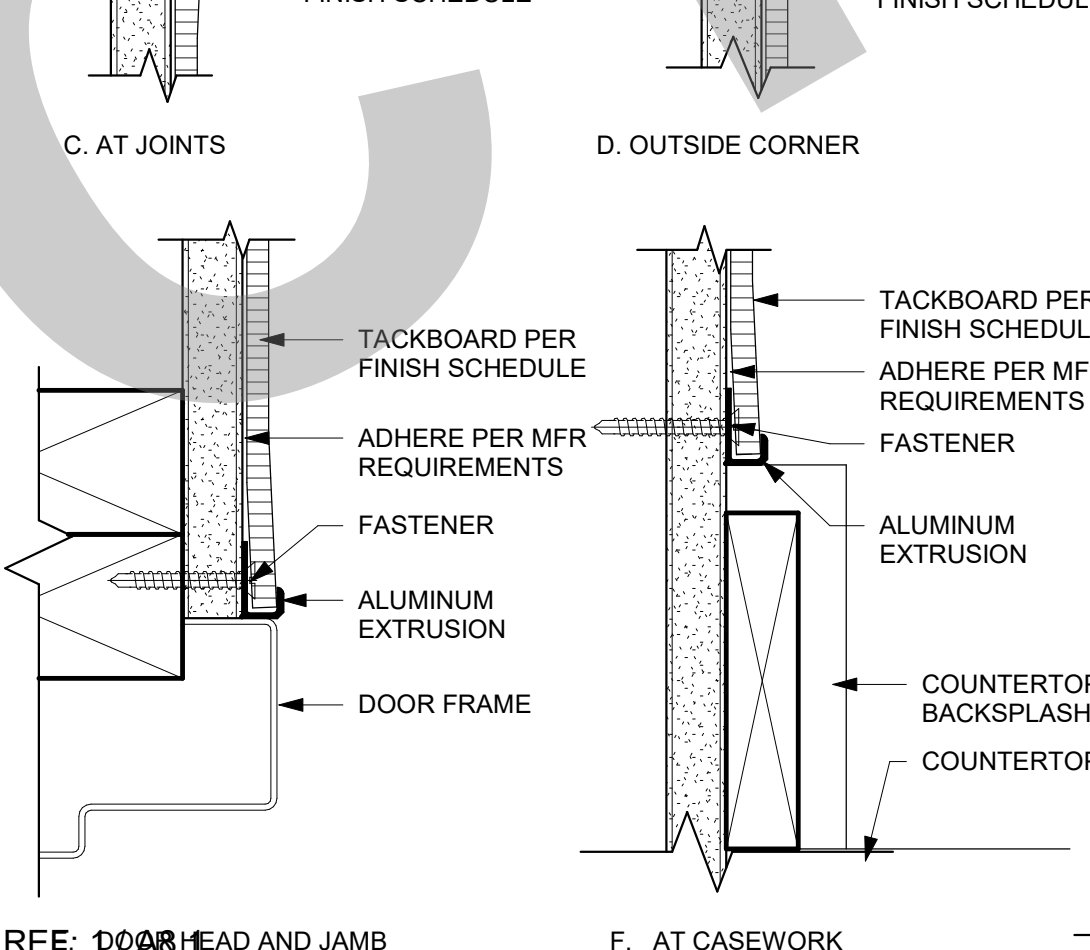
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EPOXY BASE AT FRP 3" = 1'-0" 13



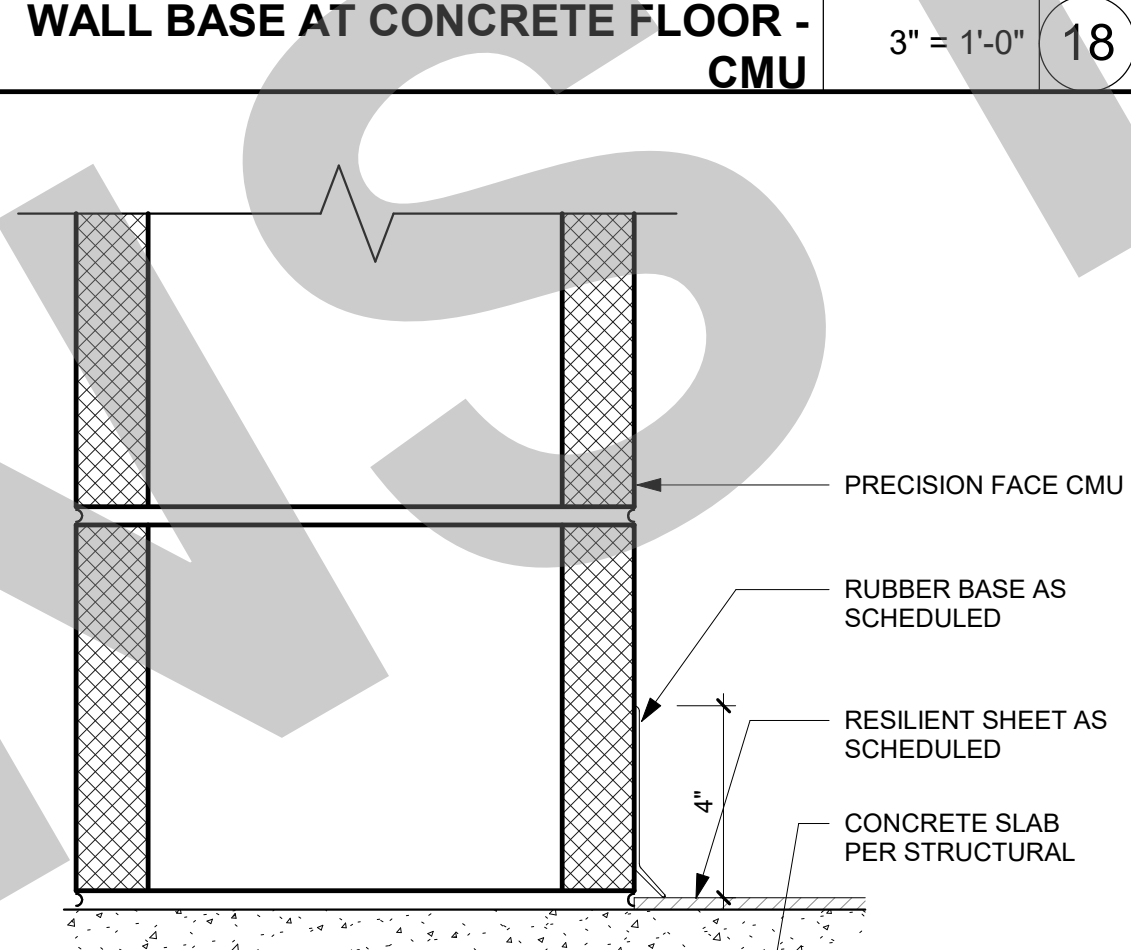
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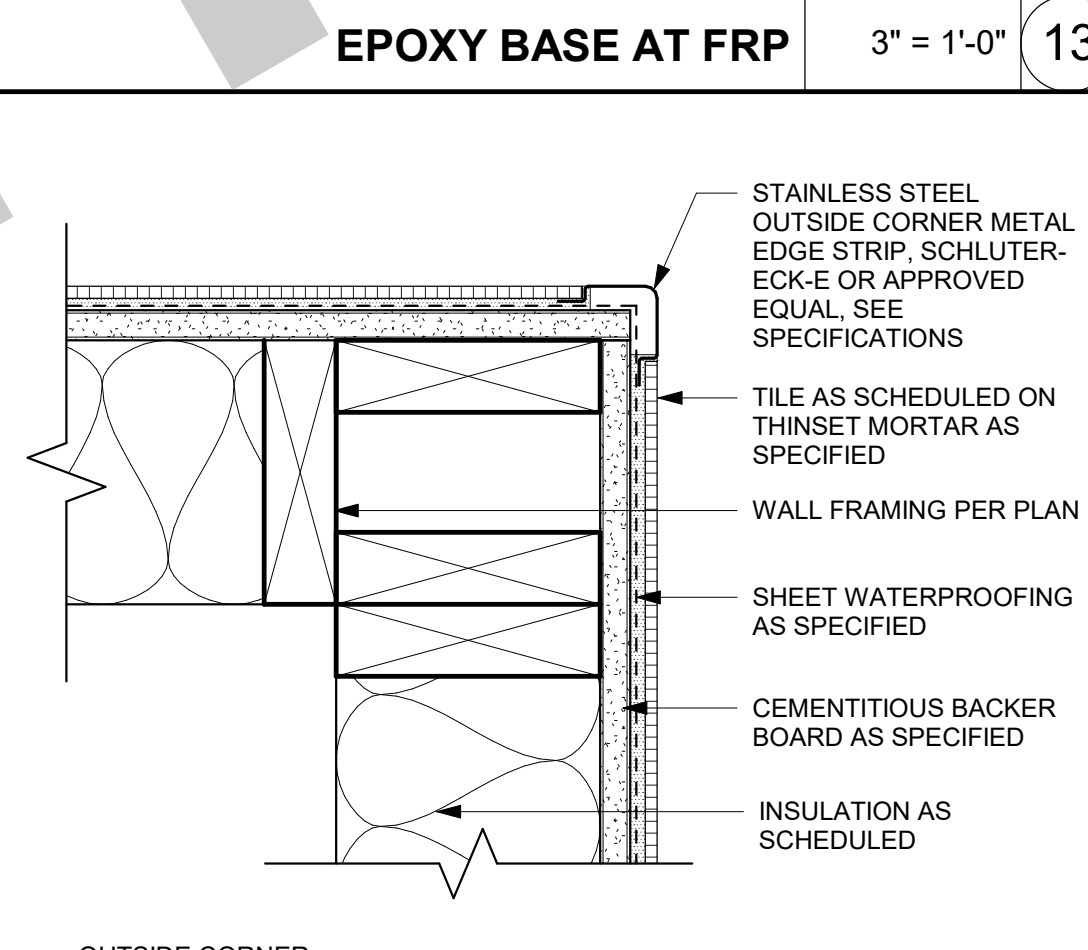
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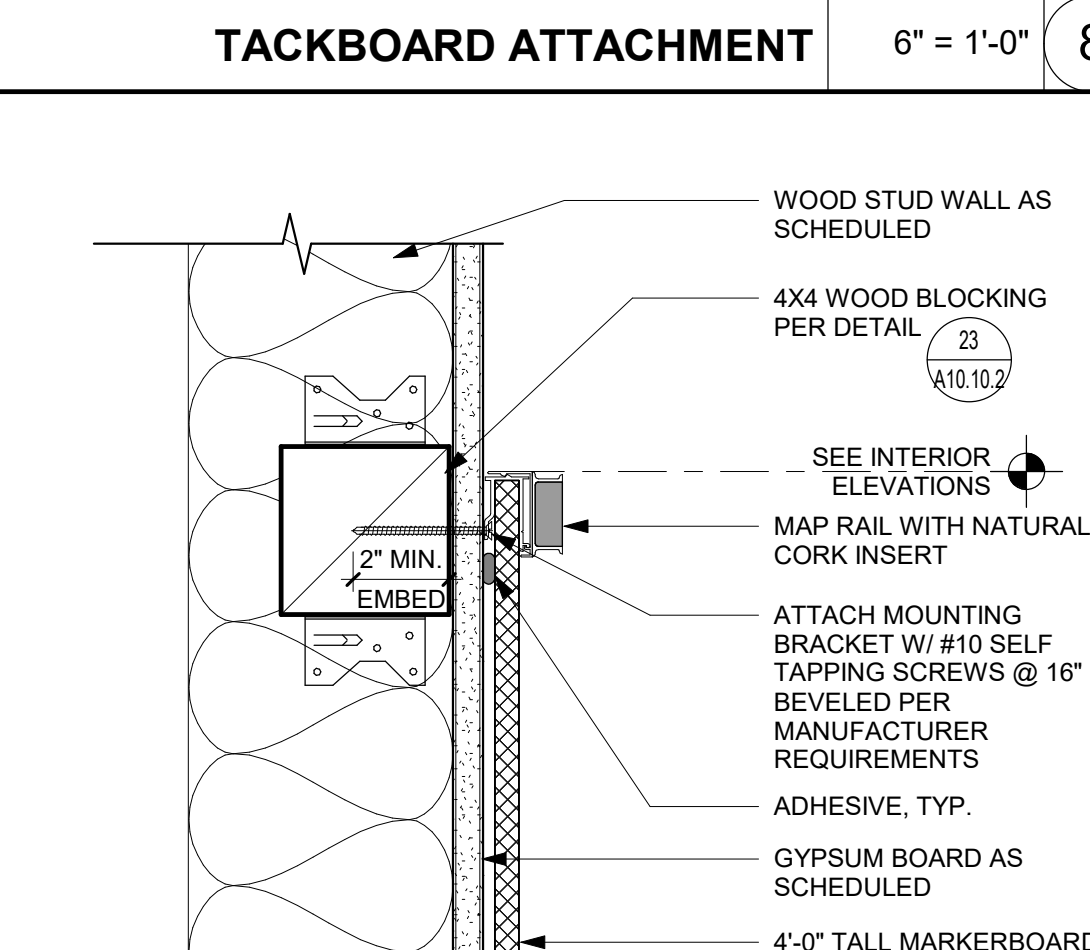
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TILE CORNERS 3" = 1'-0" 15



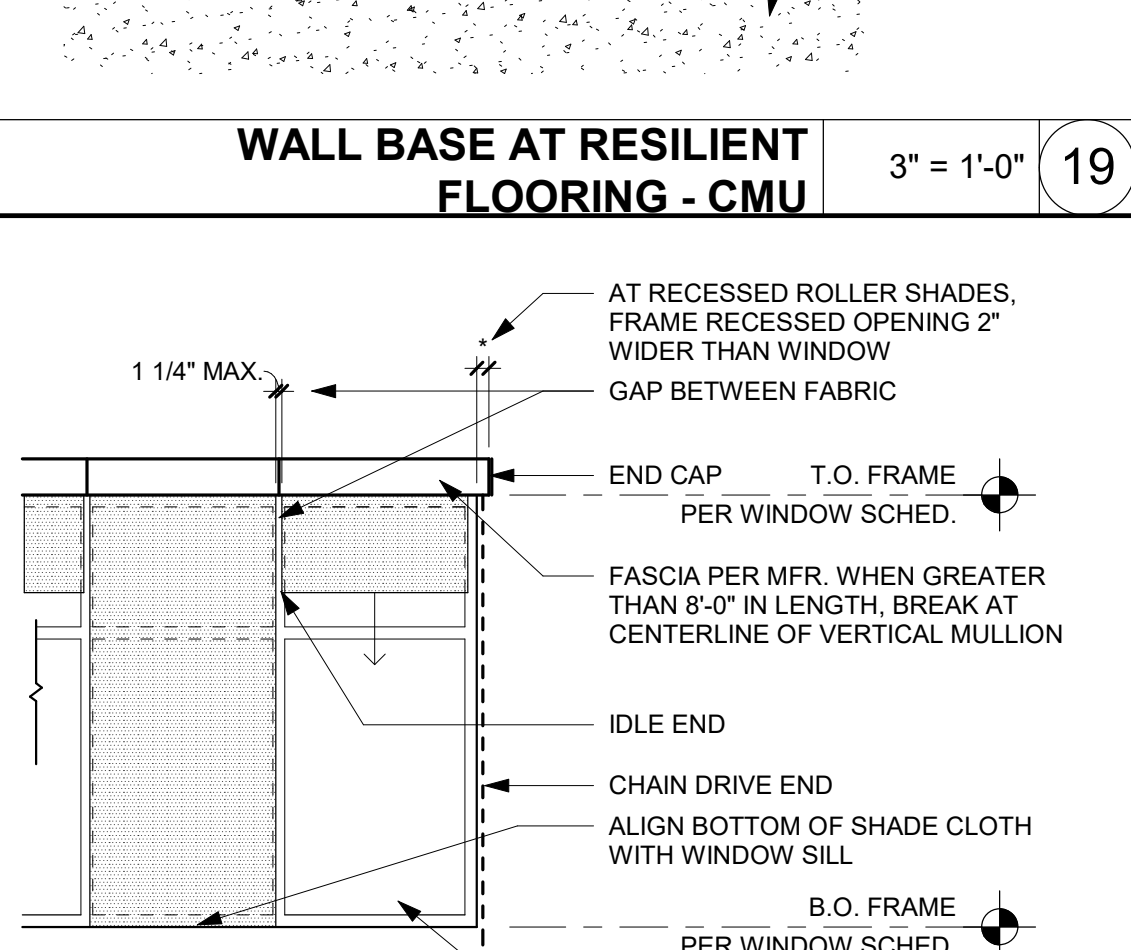
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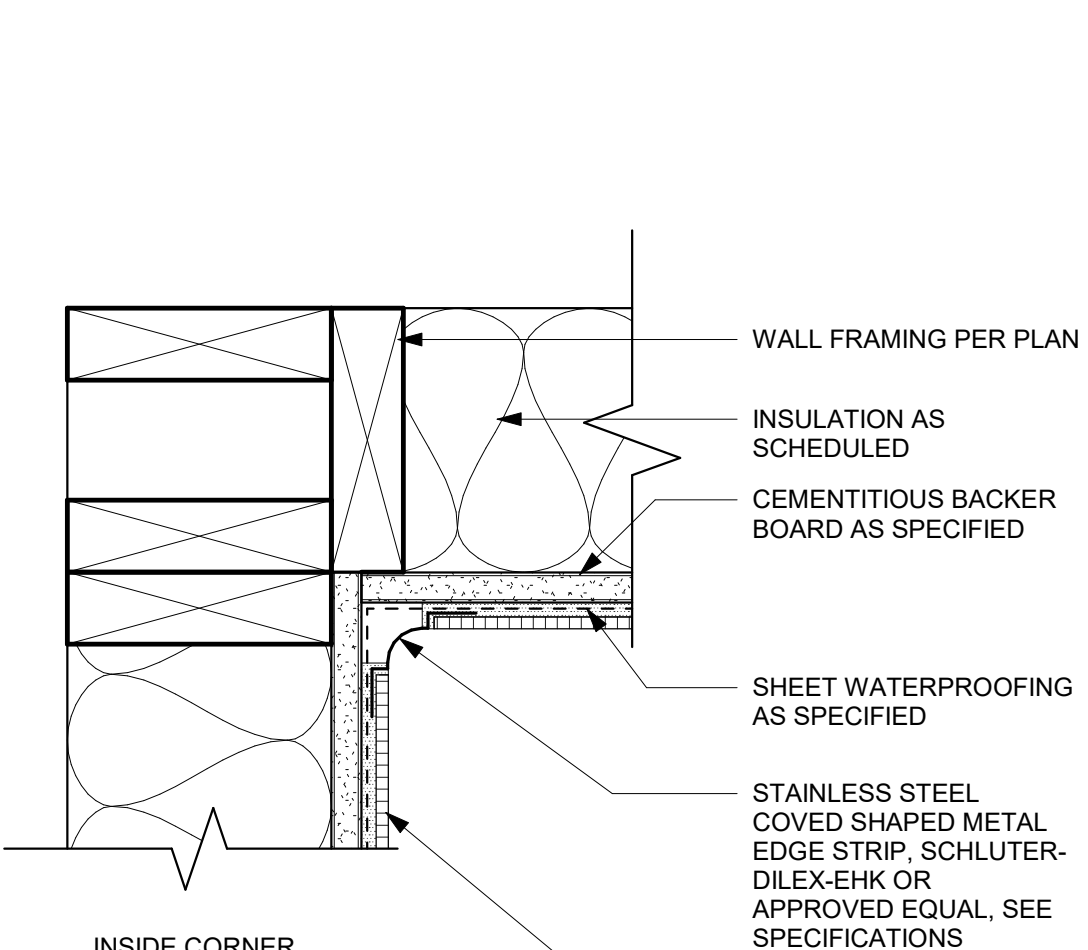
MOP SINK 1/2" = 1'-0" 4



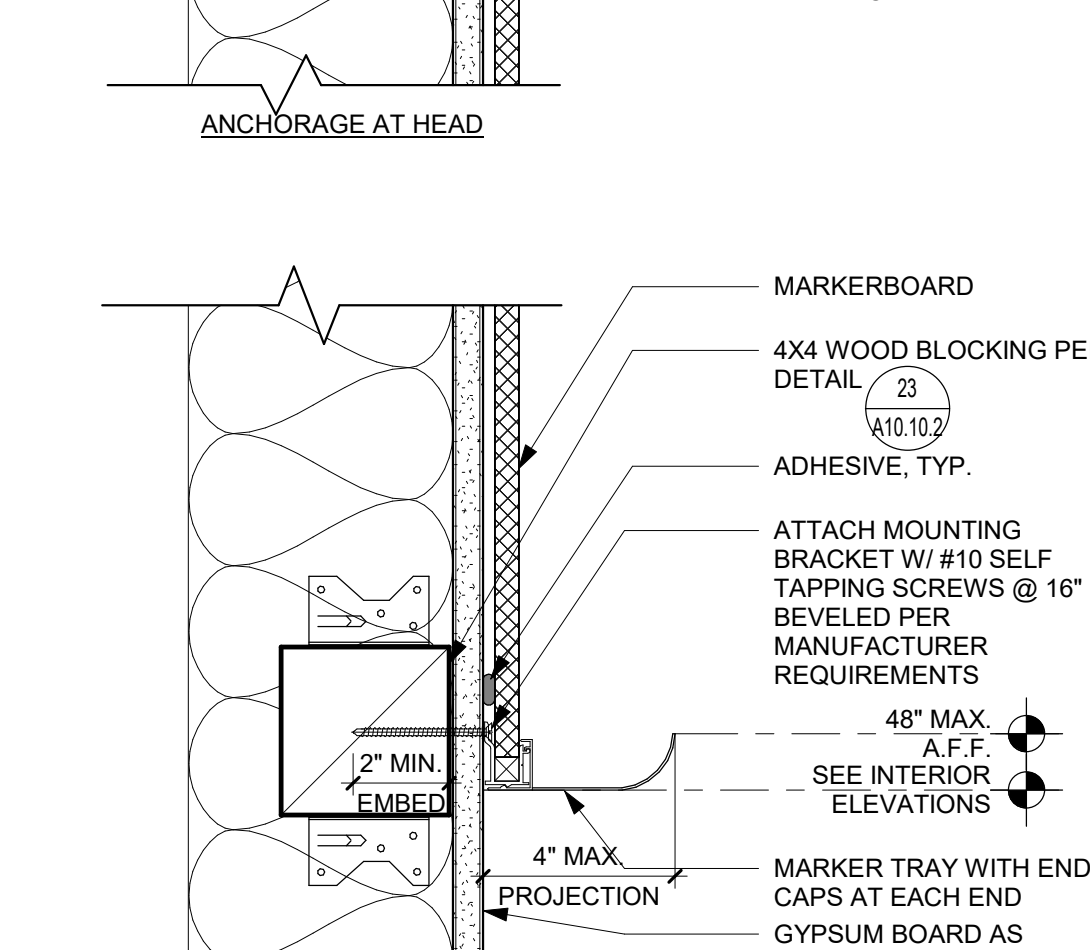
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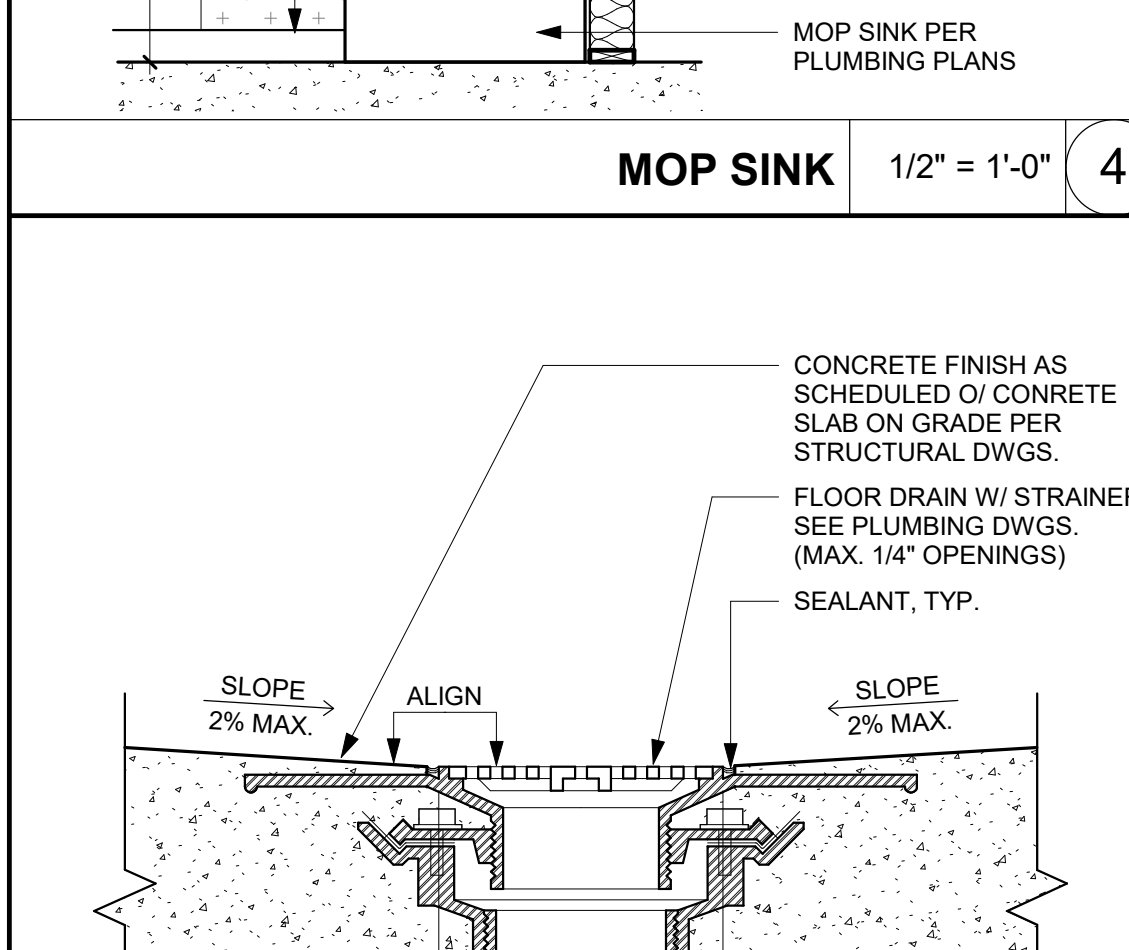
MARKERBOARD ATTACHMENT 3" = 1'-0" 10



FLOOR DRAIN 3" = 1'-0" 5



FLOOR DRAIN 3" = 1'-0" 5



FLOOR DRAIN 3" = 1'-0" 5

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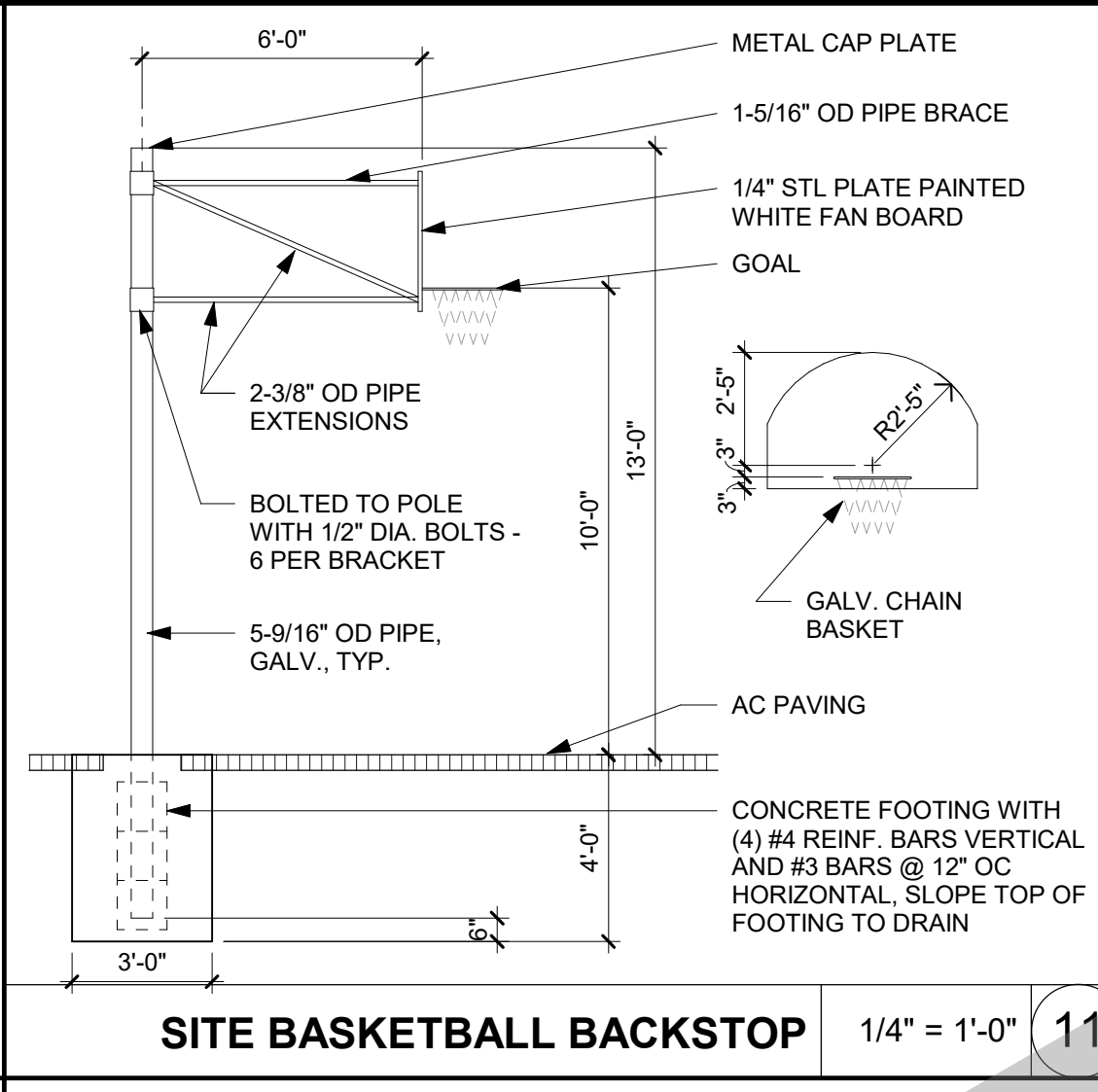
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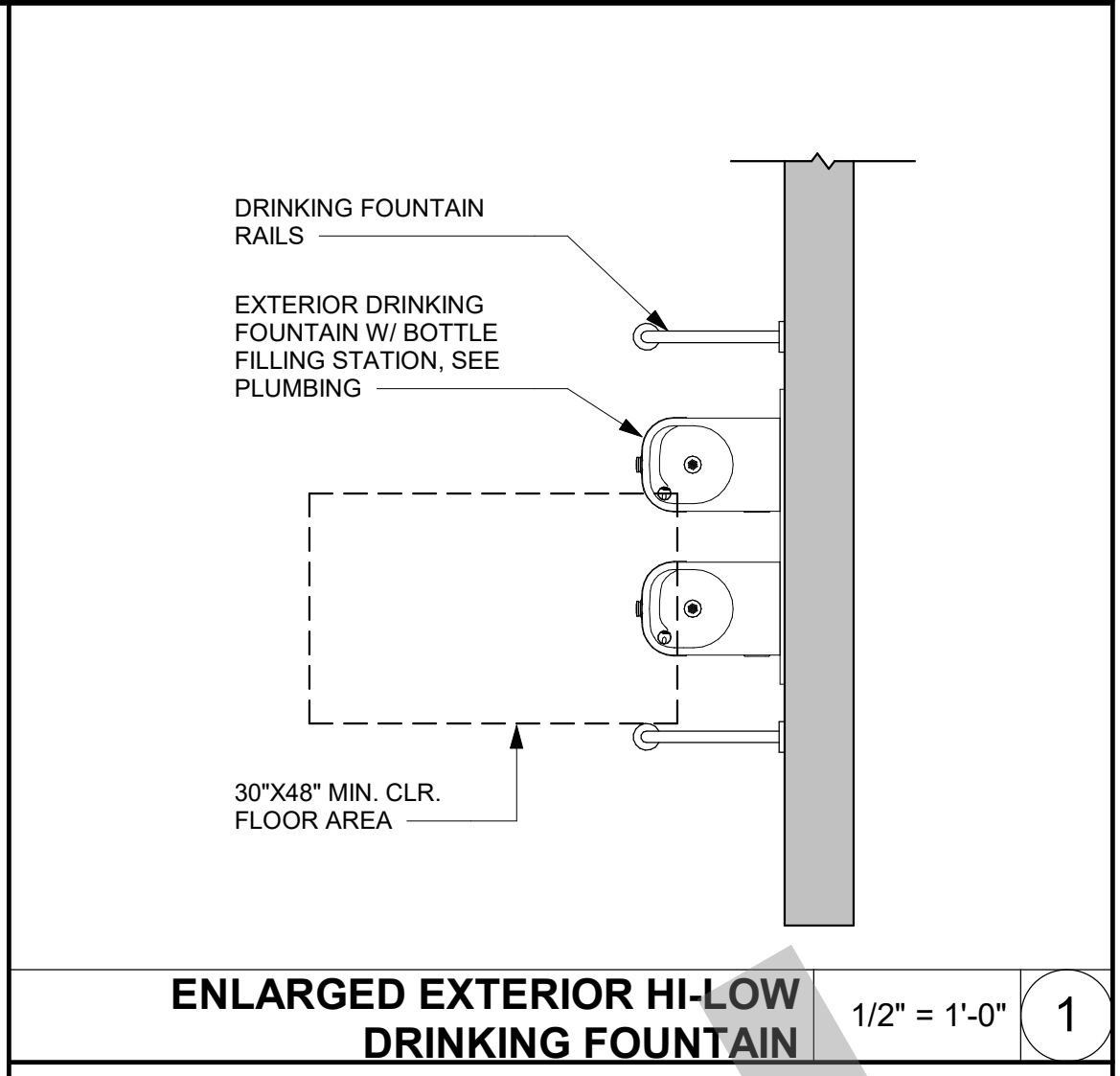
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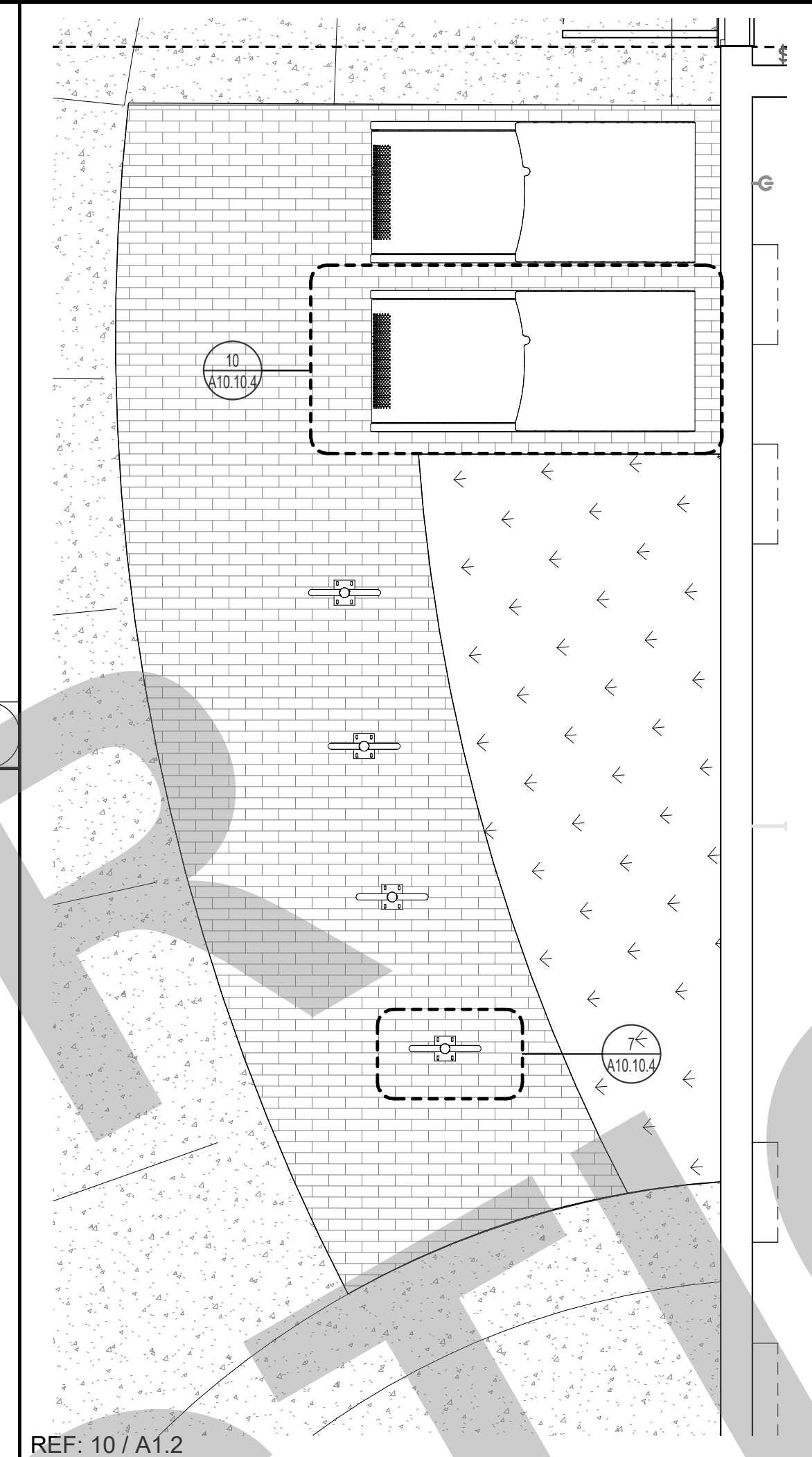
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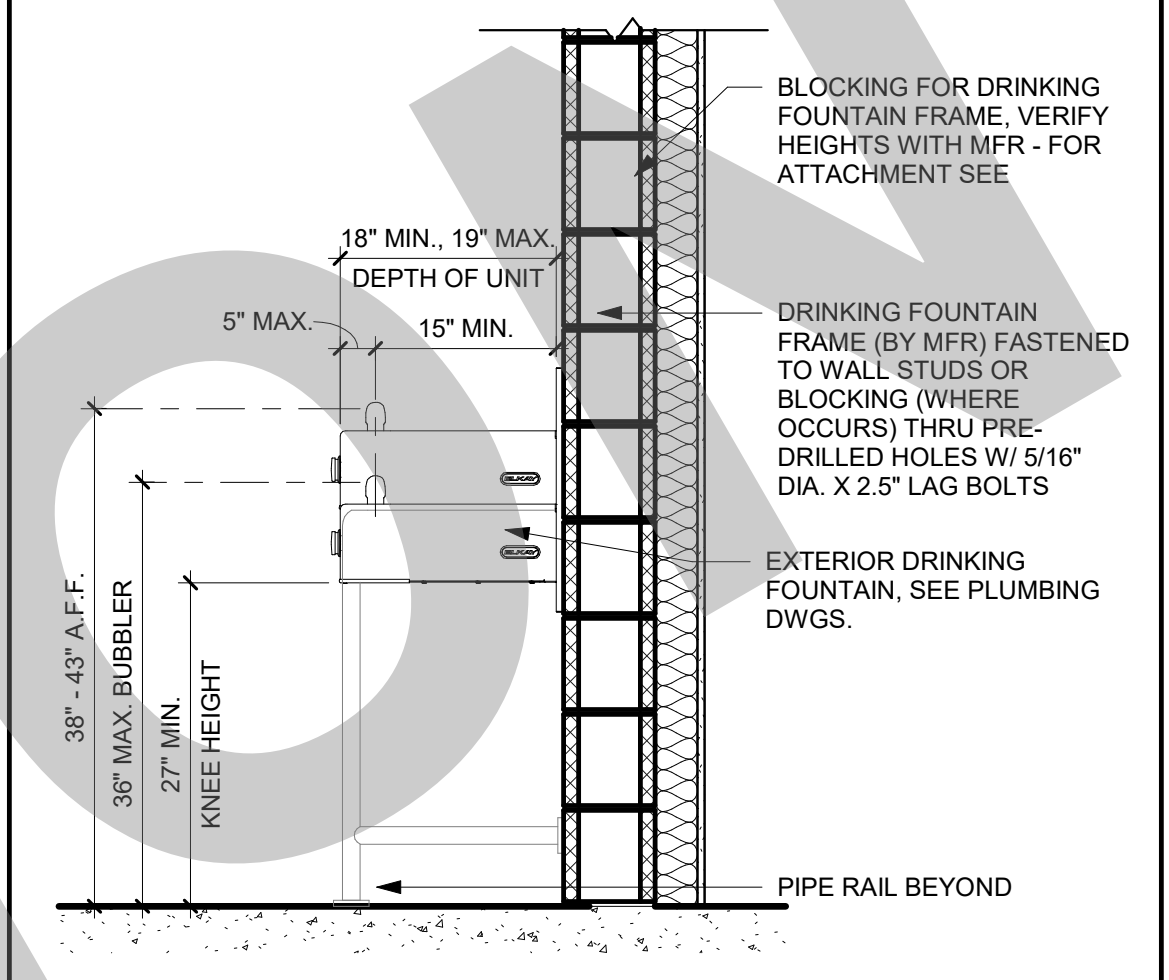
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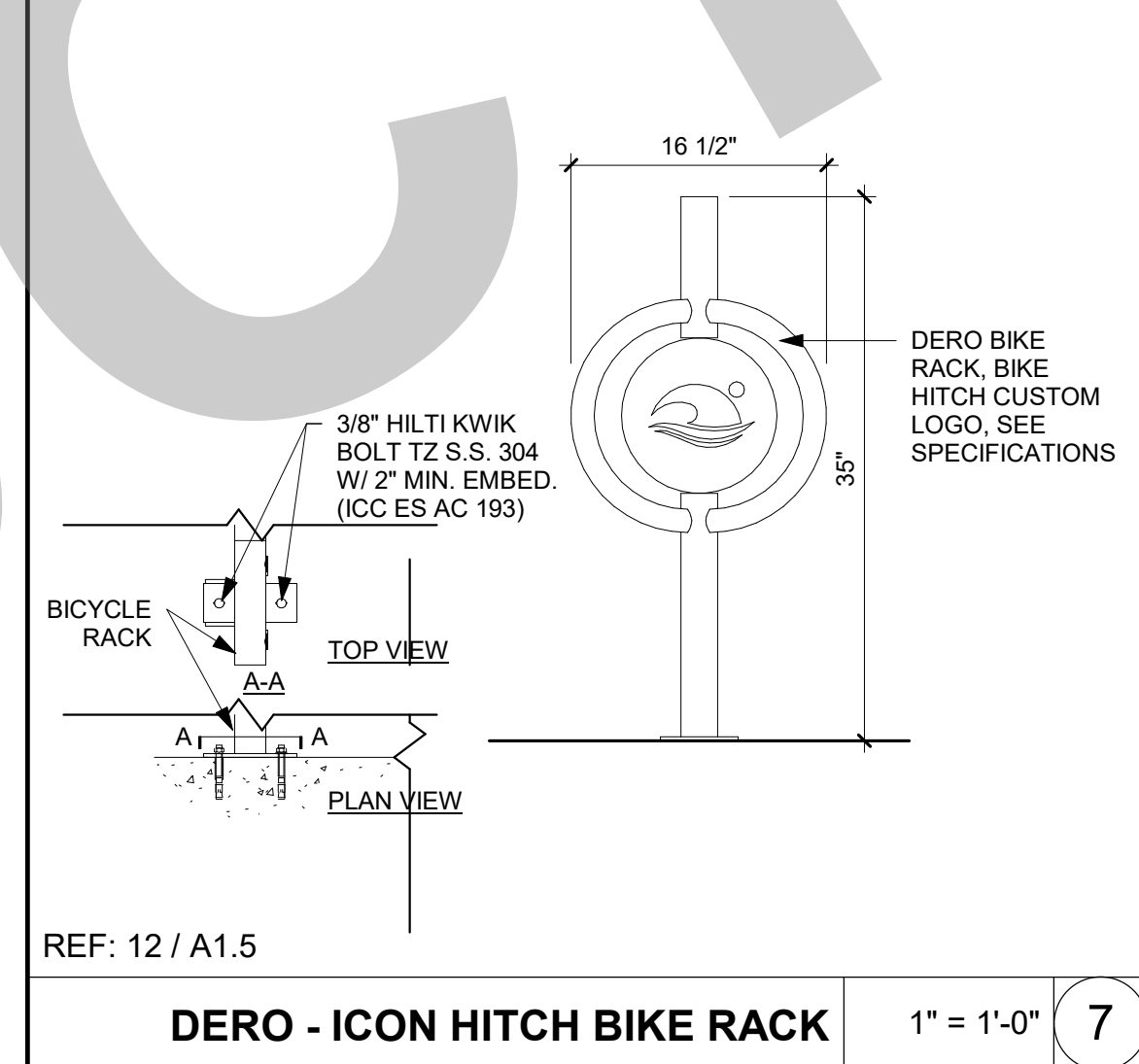
ENLARGED EXTERIOR HI-LOW DRINKING FOUNTAIN 1/2" = 1'-0" 1



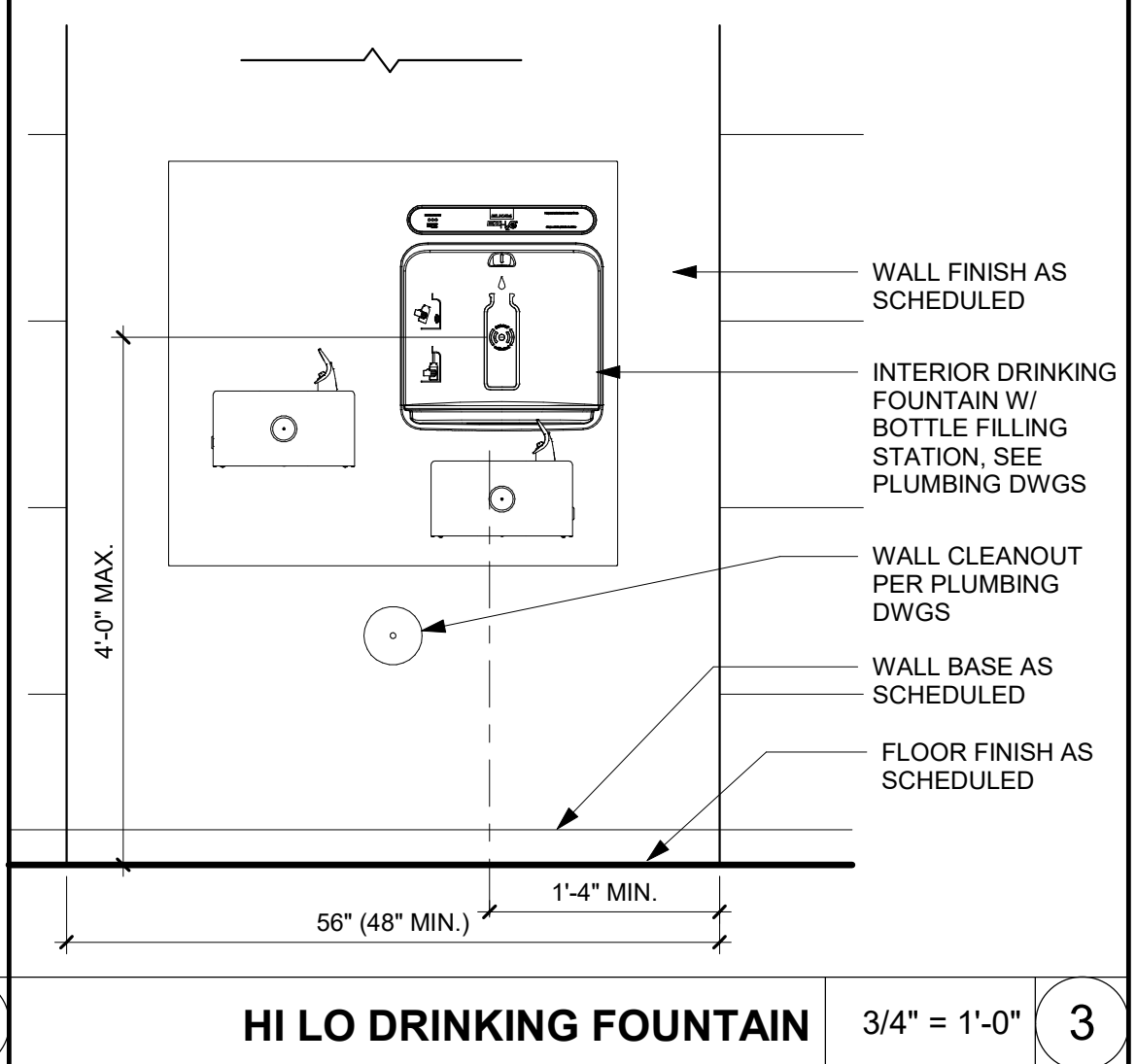
(N) BIKE RACKS 3/8" = 1'-0" 6



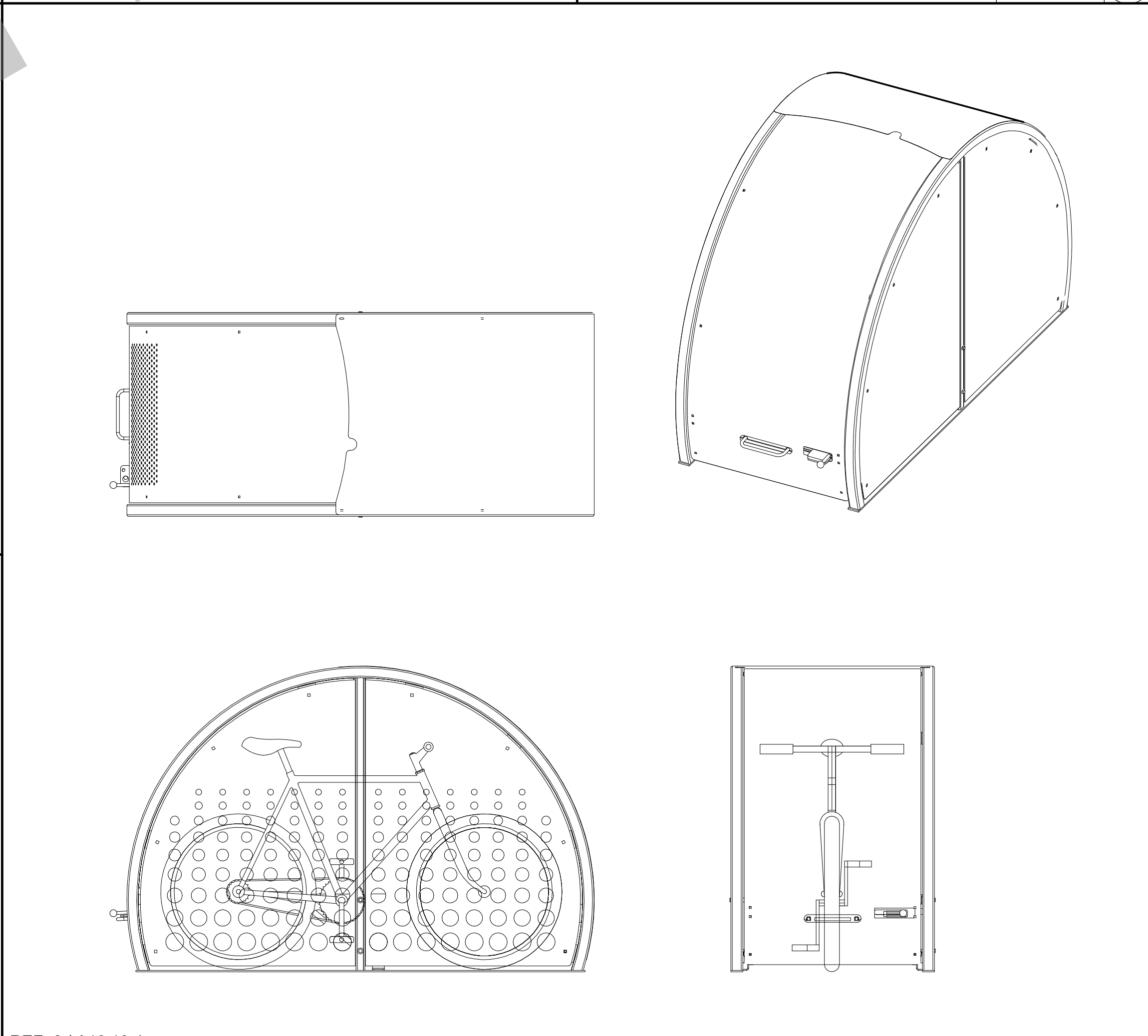
EXT. HI-LOW DRINKING FOUNTAIN SECTION & CLEARANCE 3/4" = 1'-0" 2



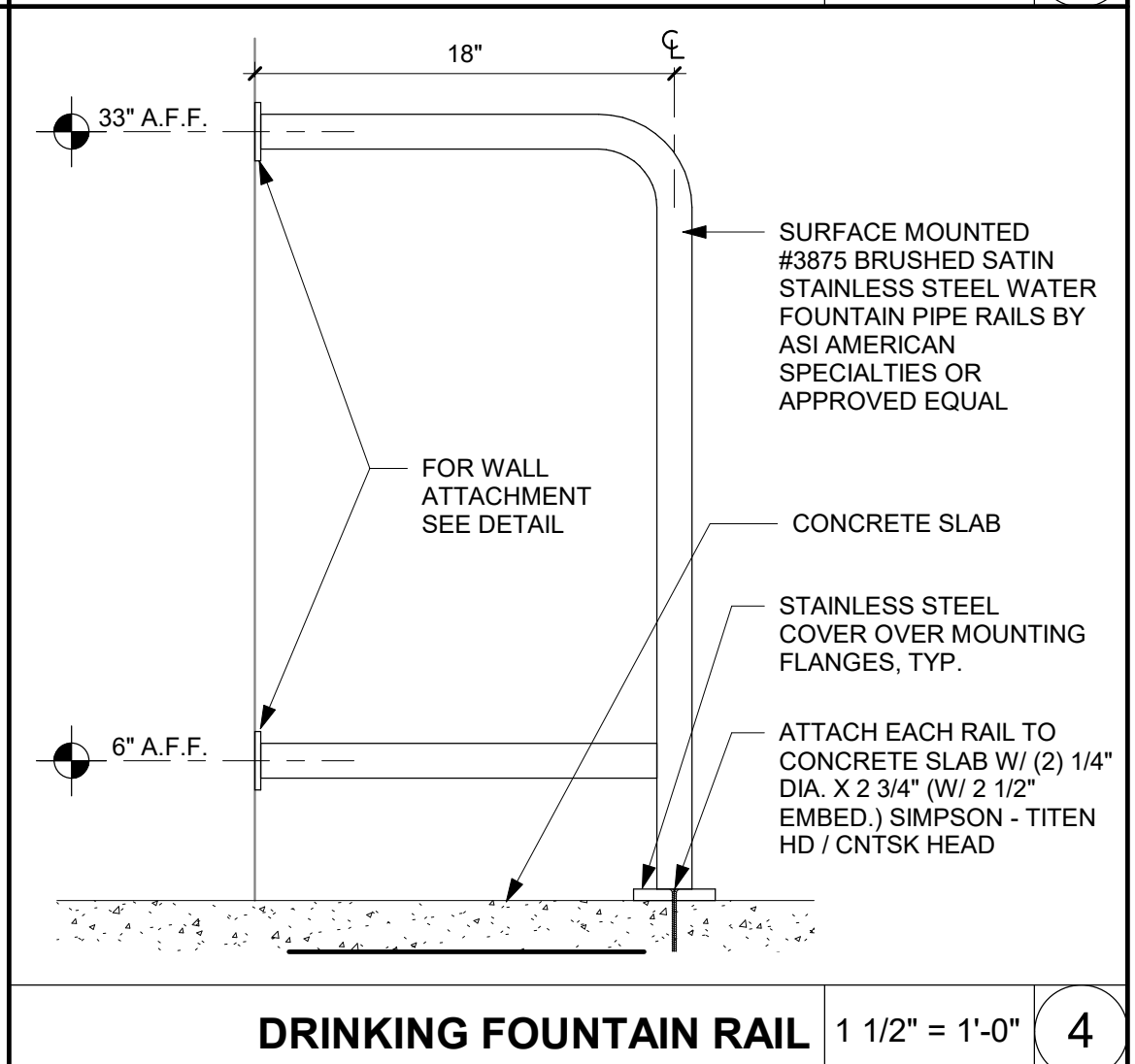
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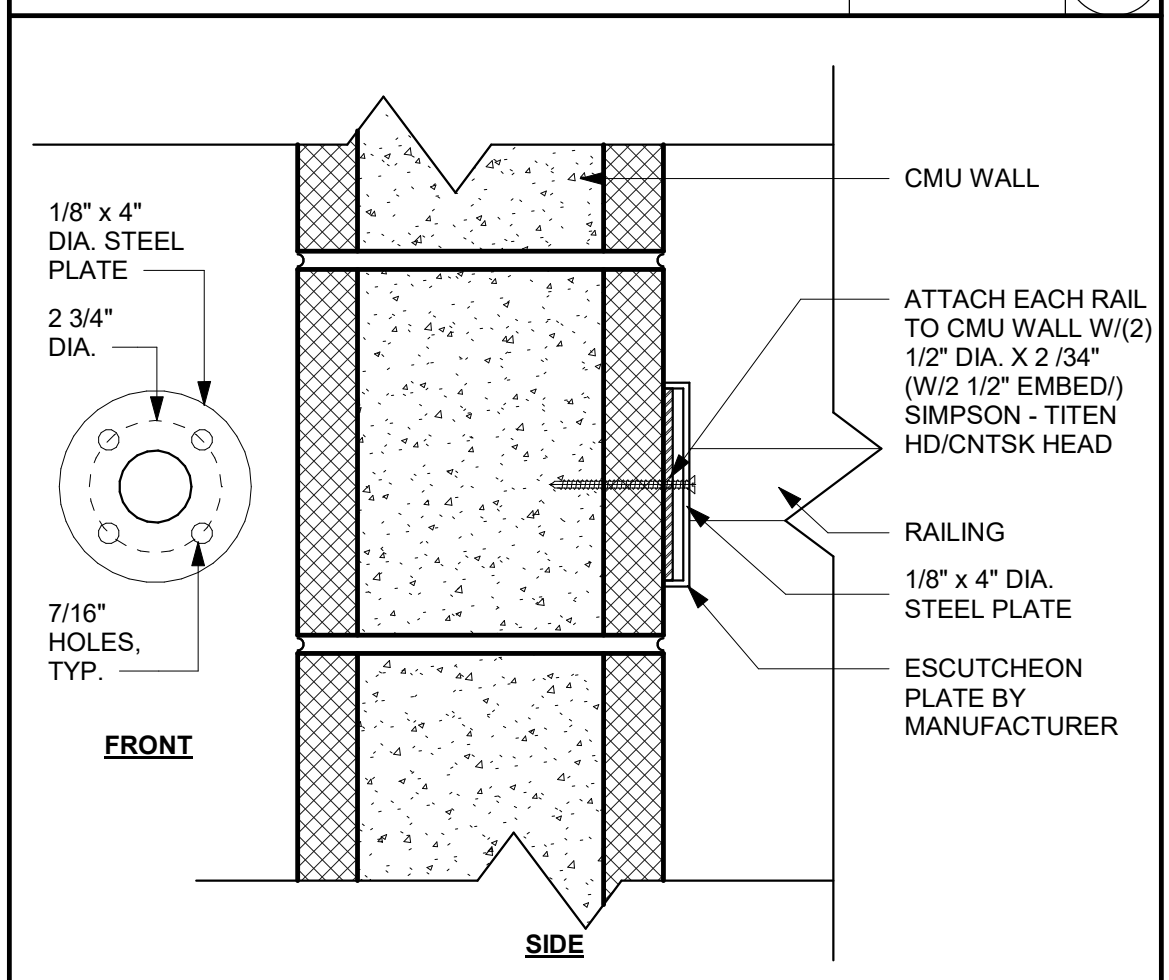
HI LO DRINKING FOUNTAIN 3/4" = 1'-0" 3



DERO - VELOPORT BIKE LOCKER 3/4" = 1'-0" 10



DRINKING FOUNTAIN RAIL 1 1/2" = 1'-0" 4



RAILING AT WALL 3" = 1'-0" 5

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REVISION HISTORY

NO.	REMARKS	DATE

- DRAWING STATUS
- PLAN CHECK
 - BACK CHECK
 - BIDDING
 - CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

CONSTRUCTION DOCUMENTS

**AQUATIC FACILITIES
RENOVATION &
REPLACEMENT -
CITY PROJECT NO. CR18020**
1201 N PERSHING AVE
STOCKTON, CA 95203

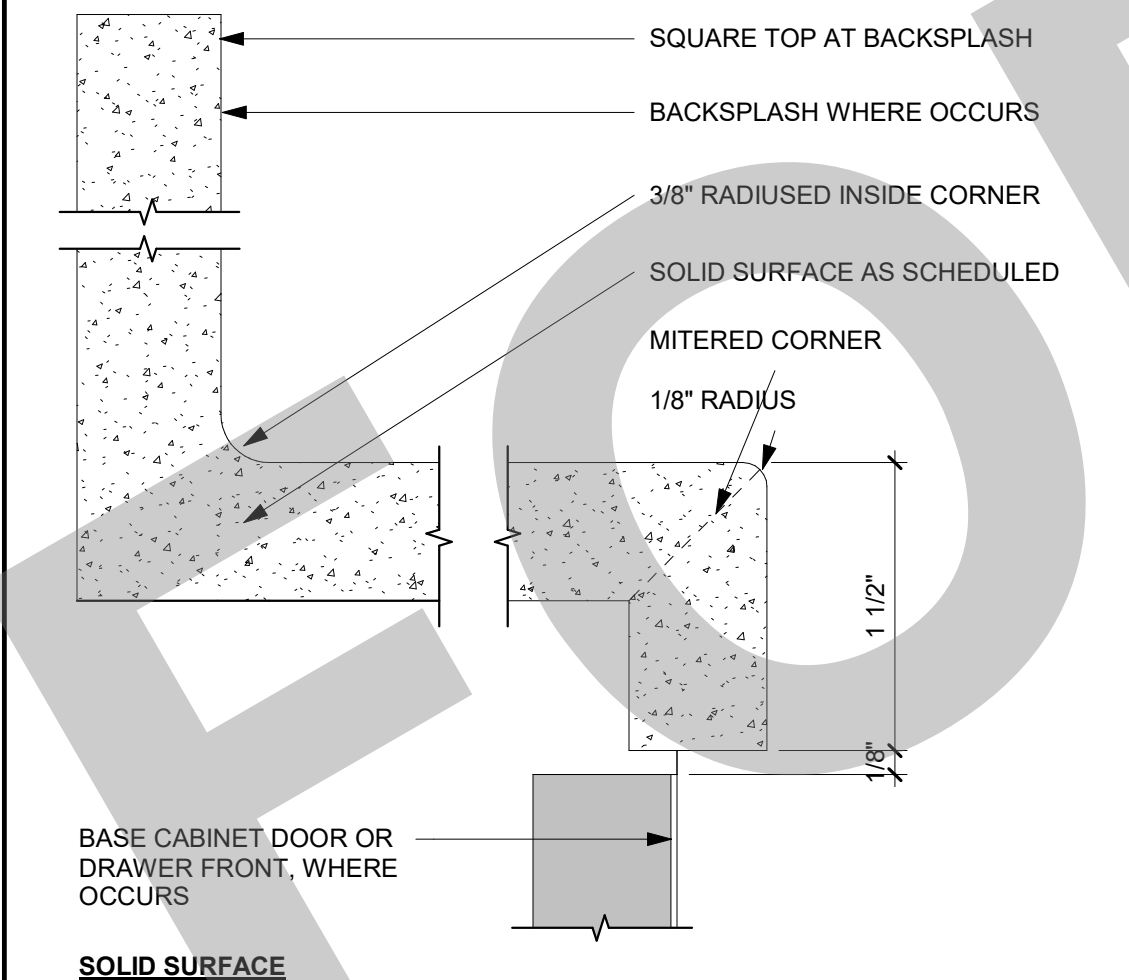
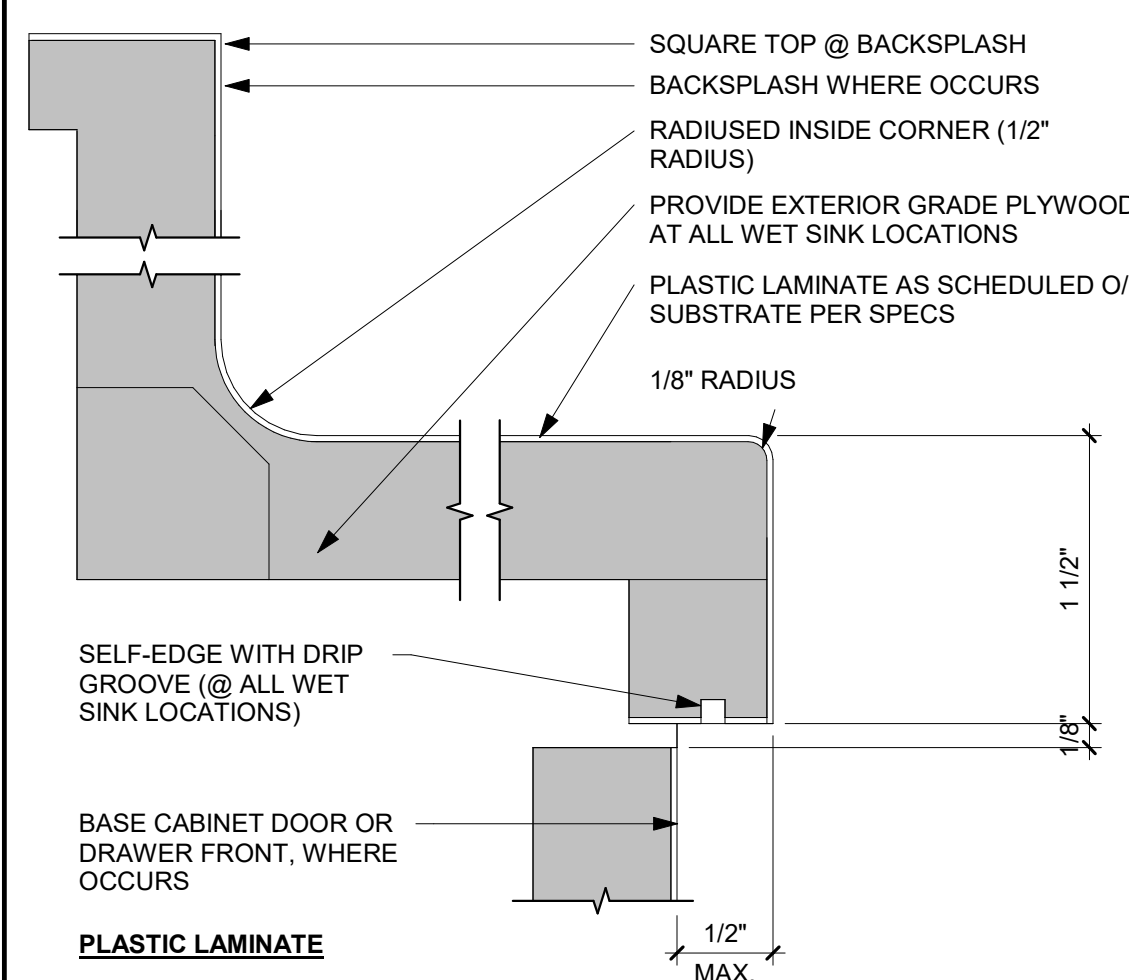
SPECIALTIES

Date 07/17/2023	Project Number 22009
Application Number XX-XXXXXX	Drawing Number A10.10.4
Drawn Author	Checked Checker

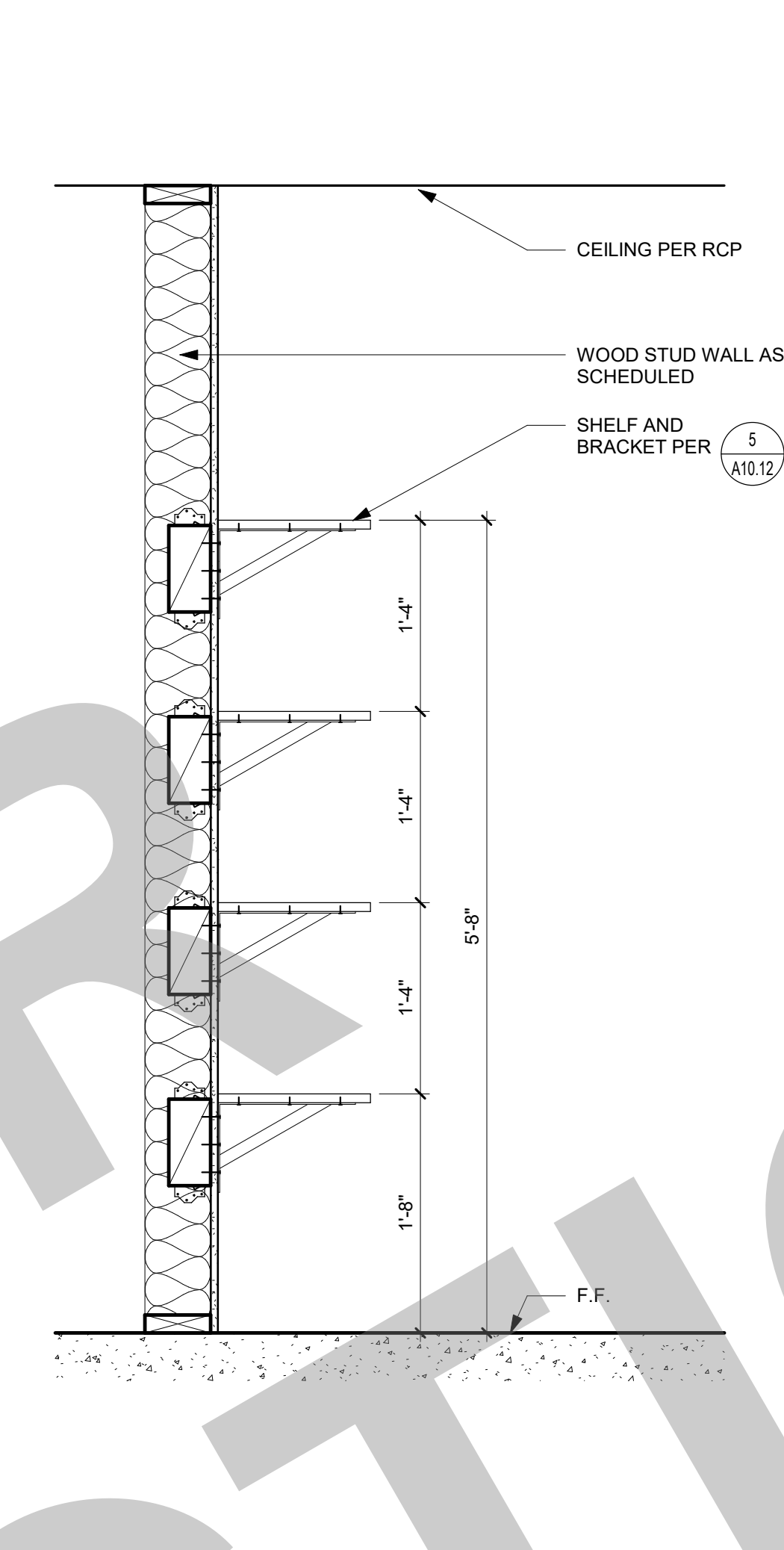
95% SUBMITTAL.
SUBJECT TO
CHANGE/BUILDING
DEPT. REVIEW.



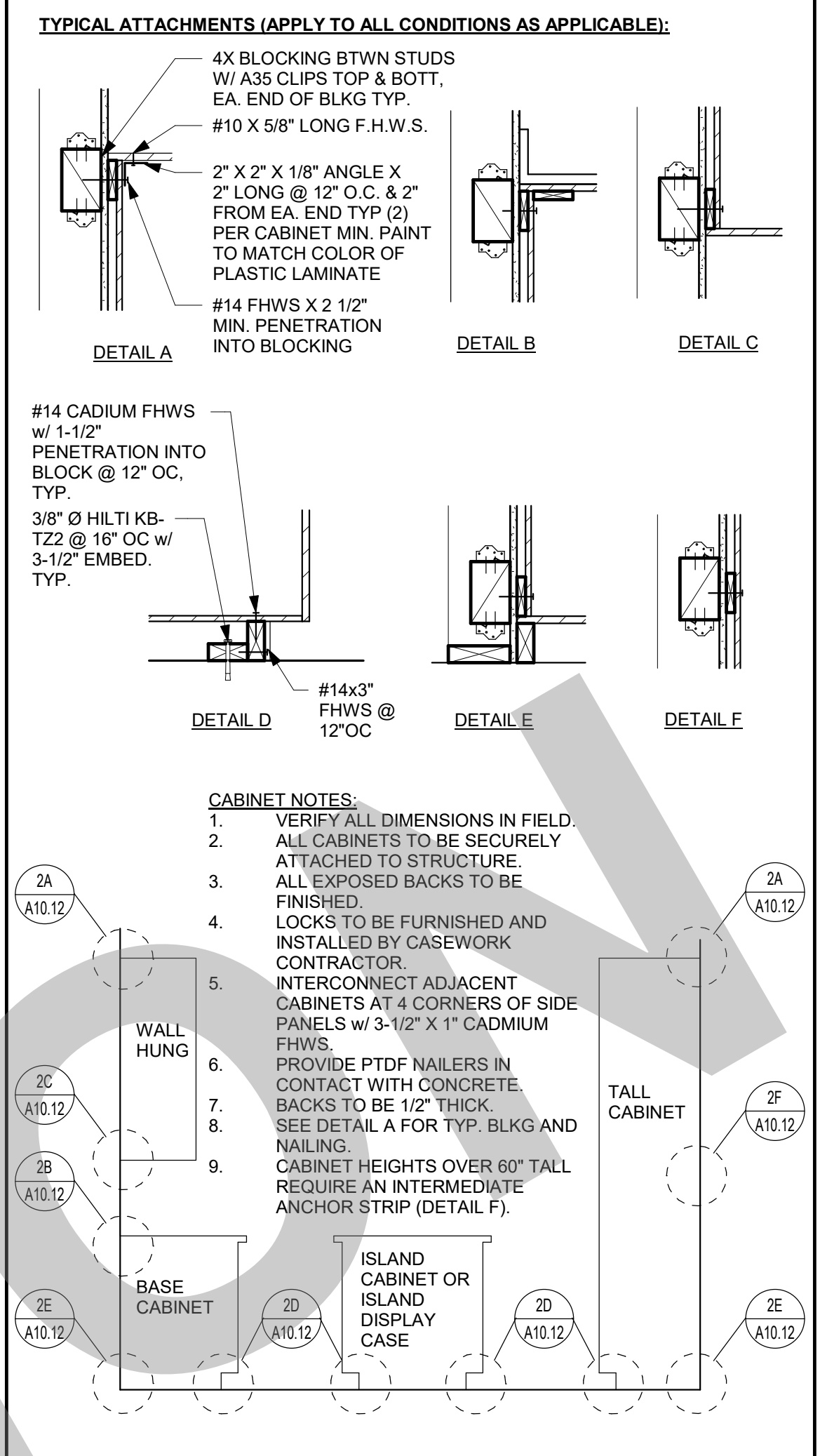
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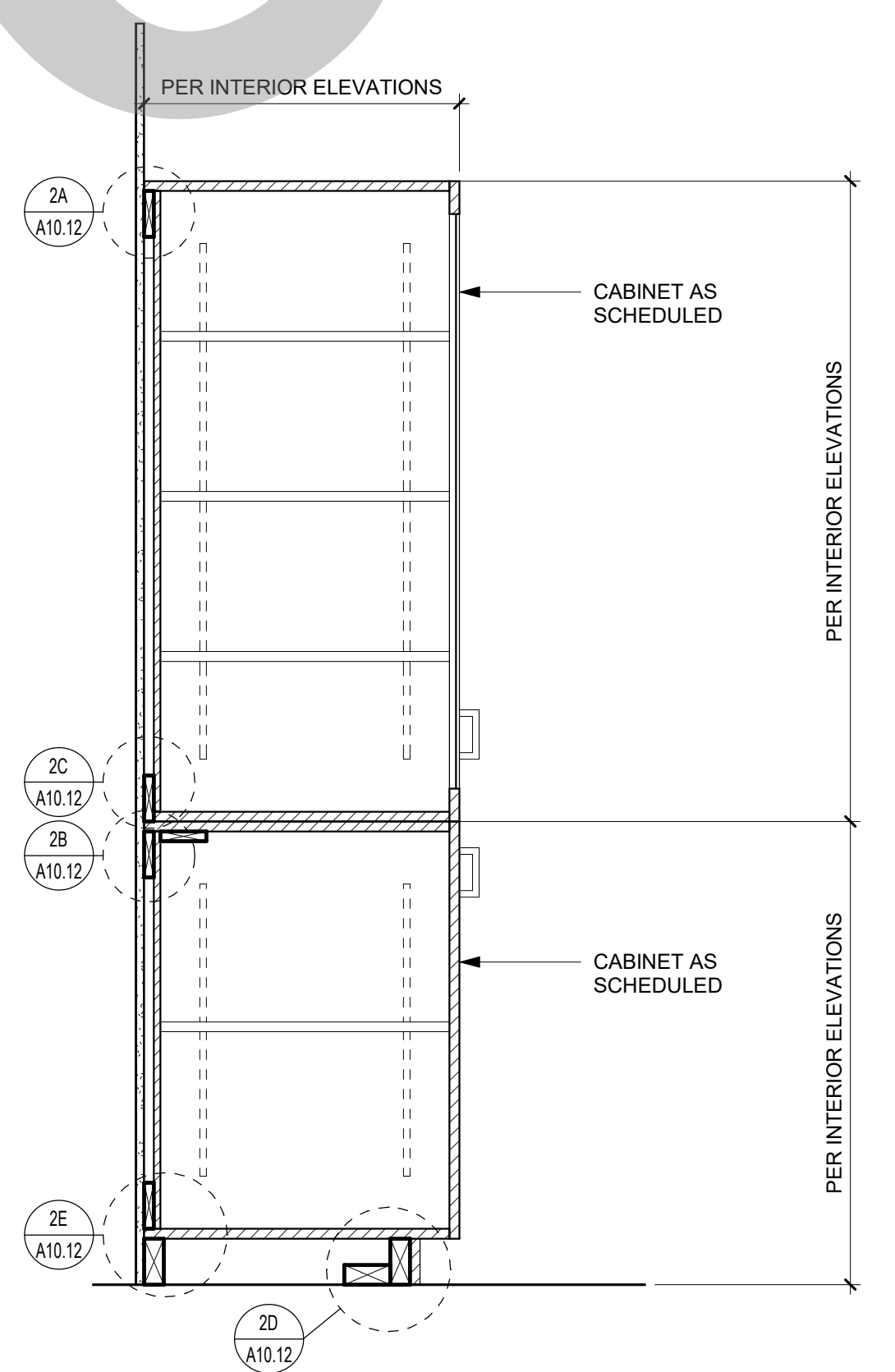
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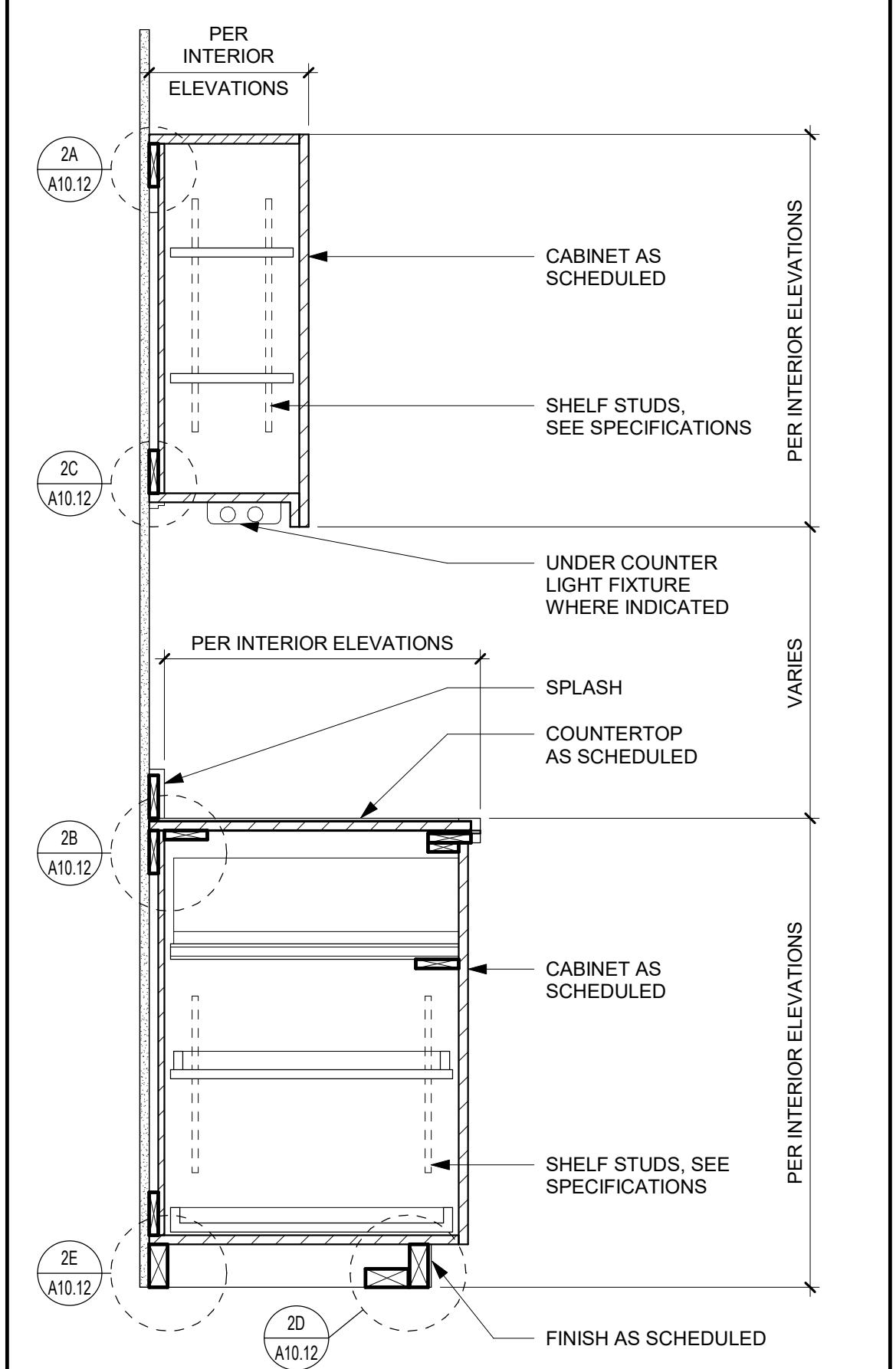
SHELVING LAYOUT 1" = 1'-0" 7



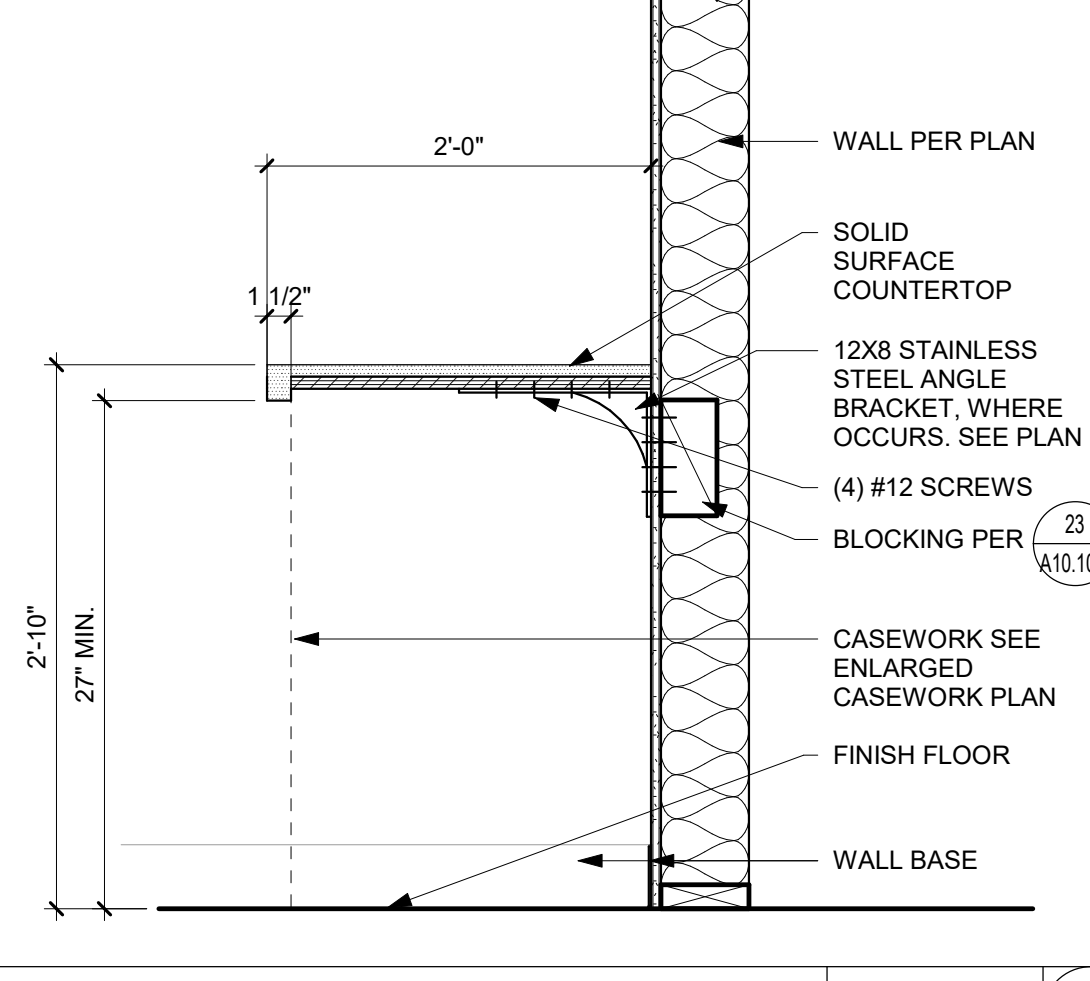
CASEWORK ANCHORAGE 1/2" = 1'-0" 2



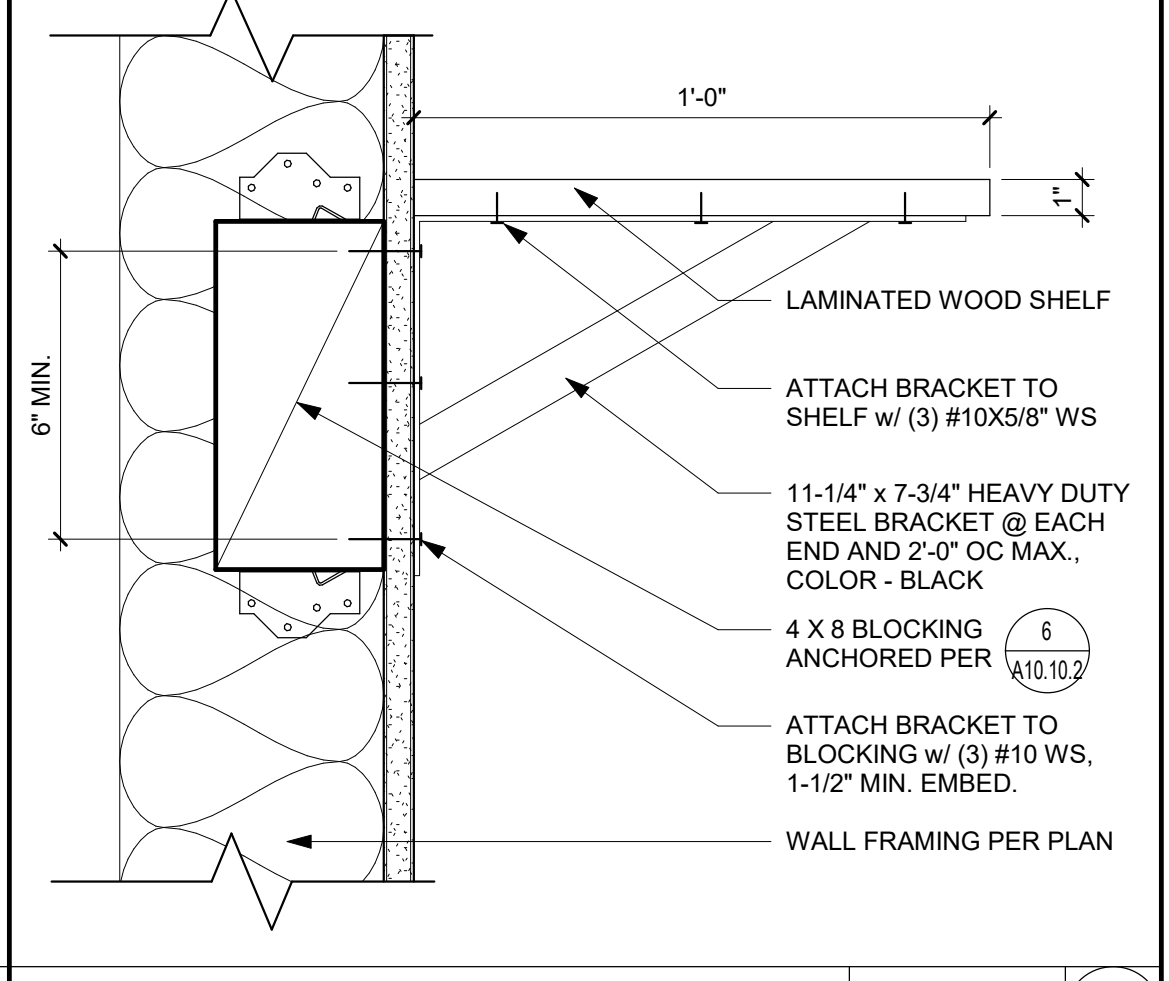
CASEWORK SECTION - TALL CABINET 1" = 1'-0" 9



CASEWORK SECTION - UPPER AND LOWER CABINETS 1" = 1'-0" 4



ADMIN DESK - SIDE 1" = 1'-0" 10



SHELVING BRACKET 3" = 1'-0" 5

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REPLACEMENT -
CITY PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

CASEWORK DETAILS

Date: 07/17/2023
Project Number: 22009
Application Number: XX-XXXXXX
Drawing Number: A10.12
Drawn: Author
Checked: Checker

General Notes

- Construction shall conform to all applicable codes and regulations.
- Shop Drawing (SD)
 - Shop drawings shall be submitted in the form of three prints of each sheet, unless submitted to the Building Official requires additional sets.
 - The purpose of shop drawings is to demonstrate to the Structural Engineer that the contractor understands the design concept by indicating which materials he intends to furnish and install, and by detailing the fabrication and installation methods he intends to use.
 - Prior to fabrication, shop drawings shall be submitted for review to the Structural Engineer. Shop drawings submittals shall include, but are not necessarily limited to, plated wood roof trusses, structural steel, and glued laminated beams.
- Safety Notes
 - It is the Contractor's responsibility to comply with the pertinent sections, as they apply to this project, of the "Construction Safety Orders" issued by the State of California latest edition, and all OSHA requirements.
 - The owner and the Structural Engineer do not accept any responsibility for the Contractor's failure to comply with these requirements.
 - The Contractor shall be responsible for adequate design and construction of all forms and shoring requirements.
- The Contractor shall notify the Architect and Structural Engineer in writing of a conflict or a discrepancy between the structural drawings and any other portion of the contract documents or existing field conditions. Such notification shall be given in due time so as not to affect the construction schedule. In case of a conflict between structural drawings and specifications, the more restrictive condition shall take precedence unless written approval has been given for the least restrictive. Contractor shall verify all dimensions with architectural and structural drawings prior to commencing any work.
- Where no specific details are shown, the construction shall be identical or similar to that indicated for like cases of construction on this project. Should there be any question, contact the Architect and Structural Engineer prior to proceeding.
- These drawings are not complete until reviewed and accepted by local building official and signed by the Structural Engineer.
- All drawings and written material appearing herein constitutes the original and unpublished work of the Structural Engineer and the same may not be duplicated, used or disclosed without written consent of the Structural Engineer and compensation.
- Where the structure shown on these drawings is structurally completed form, the stability of this structure depends on the diaphragm and the bracing members shown. The Contractor is to provide for the design and construction of shoring for all earth, formwork, wood, and masonry to resist gravity, wind, and lateral loads, and construction loads. Shoring shall remain in place until all diaphragm and lateral resisting elements are in place in their entirety.

Abbreviations

add.....	Additional	lt. wt.....	Light weight
alt.....	Alternate	LL.....	Live Load
AISC.....	American Institute of Steel Construction	LLH.....	Long leg horizontal leg angle
APA.....	American Plywood Association	LVL.....	Laminated veneer lumber
ASTM.....	American Society for Testing and Materials	MB.....	Machine bolt
ANS.....	American Welding Society	mfr.....	Manufacturer
AB.....	Anchor bolt	mech.....	Mechanical
a.....	And	misc.....	Miscellaneous
arch.....	Architect/Architectural	mtl.....	Metal
▲.....	At	nl.....	Not to scale
bm.....	Beam	nts.....	Number of pounds
b/nb.....	Between	OS.....	On center
blk/g.....	Blocking	OV.....	Open web joist
B.S.....	Both sides	ONJ.....	Open web joist
bojt.....	Both	OH.....	Opposite hand
BM.....	Boundary nail	o.d.....	Outside diameter
c/g.....	Center to center	PF.....	Partial penetration
cc.....	Center to center	P.....	Plate
c.....	Clear	psf.....	Pounds per cubic foot
col.....	Column	psd.....	Pounds per square foot
CP.....	Complete Penetration	psi.....	Pounds per square inch
CON.....	Concrete	PAF.....	Powder actuated fasteners
CMU.....	Concrete masonry unit	PSL.....	Parallel strand lumber
con.....	Connection	PTDF.....	Pressure treated
CON.....	Construction Joint	r, rad.....	Radius
cont.....	Continuous	RDPND.....	Redwood
csk.....	Countersink	ref.....	Reinforcing
CL.....	Control Joint	ref.....	Reinforcing
DL.....	Dead Load	RO.....	Rough opening
diag.....	Diagonal	φ.....	Round or diameter
dia.....	Diameter	SDSTS.....	Self drilling self tapping screw
dl.....	Ditto	shg.....	Sheathing
D.F.....	Douglas Fir	sm.....	Similar
dbl.....	Double	sq.....	Square
dwg.....	Drawings	std.....	Standard
e.....	Each	stl.....	Steel
EF.....	Each Face	stiff.....	Stiffener
emb.....	Embed	struct.....	Structural
EN.....	Edge Nail	sym.....	Symmetrical
EW.....	Each Way	14B.....	Top & bottom
elev.....	Elevation	Loc.....	Top of concrete
eq.....	Equal	LoI.....	Top of framing
Equip.....	Equipment	LoP.....	Top of plate
(e).....	Existing	Lo.S.....	Top of Steel
EQ.....	Expansion Joint	Lo.H.....	Top of Nail
FC.....	Face of concrete	L4.....	Long 4 Groove
FB.....	Face of block	TS.....	Tube Steel
FM.....	Face of masonry	typ.....	Typical
FS.....	Face of Stud	vert.....	Vertical
FF.....	Finish floor	w.....	Weld
F.S.....	Finish grade	w/n.....	Without
FR.....	Floor	WS.....	Wood screw
FR.....	Footing	M.P.....	Marking point
fnd.....	Foundation	NWF.....	Nailed wire fabric
frmng.....	Framing	NCLIB.....	Nail Library Inspection Bureau
galv.....	Galvanized		
ga.....	Gauge		
GLB.....	Glued-laminated beam		
hgr.....	Hanger		
hd.....	Header		
ht.....	Height		
HSS.....	High strength bolt		
HSS.....	Hollow structural section		
horiz.....	Horizontal		
int.....	Interior		
jo.....	Joist		
jh.....	Joist hanger		

Design Criteria

- Codes and Standards:**
 - 2022 California Building Code (CBC)
 - Building Code Requirements for Structural Concrete - ACI 318-19
 - Building Code Requirements for Masonry Structures - TMS 602
 - Specification for Masonry Structures - TMS 602
 - Specification for Structural Steel Buildings - AISC 360
 - Seismic Provisions for Structural Steel Buildings - AISC 341
- Vertical Loads:**
 - Roof Live Load = 20 psf (reducible)
- Soils Values:**
 - Allowable soil bearing pressures: DL-LL = 2500 psf, DL+LL wind/seismic = 3333 psf
- Wind Load Design Criteria:**
 - Ult. Design Wind Speed, V_w = 105 mph
 - Nom. Design Wind Speed, V_w = 82 mph
 - Risk Category - II
 - Wind Exposure - C
 - Internal Pressure Coefficient, GC_p = -0.18, +0.18
- Seismic Load Design Criteria:**
 - Risk Category - II
 - Seismic Importance Factor, I_s = 1.0
 - Site Class = D
 - γ_w = 0.75, γ_s = 0.290
 - γ_w = 0.600
 - Seismic Design Category, SDG = D
 - Seismic Force-Resisting System's Special Reinforced Masonry Shearwalls
 - Response Modification Coef., R = 5
 - Analysis Procedure = Static

Foundations

- All foundation work shall be done in accordance with the requirements of the Soils Report No. 463-2020-0206 by ASSOCIATED ENGINEERS AND ARCHITECTS dated January 22, 2023.
- All Foundations shall bear on either undisturbed uncompacted native soil, engineered fill, or a combination of these materials.
- Building pad construction shall conform to the requirements of the Soils Report. The extent and depth of excavation and placement of engineered fill shall be as required by the Soils Report. Final depth and extent of excavation and fill shall be determined at time of construction by a representative of the Soils Engineer.
- Foundation depths indicated on plans are for estimating purposes only. Actual depths are to be determined by Soils Engineer on the jobsite.
- Bottoms of all foundations shall be level. Changes in bottom of foundation elevation shall be constructed only as detailed on the drawings.
- Foundations may be cast in neat excavations provided the footing excavations are stable and able to maintain a cut edge without sloughing. Provide formwork and planking at edges of excavations to protect against sloughing, as required.
- Notify the Structural Engineer 48 hours before casting foundations.

Concrete

General: All concrete construction shall conform to the California Building Code (CBC), and Building Code Requirements for Structural Concrete (ACI 318).

- Structural concrete shall attain 28 day compressive strength as required in note #20.
- Selection of concrete proportions shall be per ACI 318 Sections 5.2 through 5.4. Submit mix designs for review prior to concrete placement.
- Testing, evaluation and acceptance of concrete shall be per ACI 318.
- Concrete shall be mixed, placed, and cured in accordance with ACI 318, latest edition, and project specifications.
- Cement shall conform to ASTM C-150 type I or II.
- Concrete aggregates shall conform to ASTM C-33. Aggregates for lightweight concrete shall conform to ASTM C-330.
- Concrete shall not be dropped through reinforcing steel (as in walls) so as to cause segregation of aggregates. In such cases, hoppers and vertical chutes or funnels shall be used such that the free unconfined fall of concrete does not exceed six feet.
- Consolidate concrete placed in forms by mechanical vibrating equipment supplemented by hand-spading, rodding or tamping. Use equipment and procedures for consolidation of concrete in accordance with the recommended practices of ACI 309 to suit the type of concrete and project conditions.
- No wood spreaders allowed. No wood stakes allowed in areas to be concreted.
- All saw cutting of construction joints shall be done after initial set has occurred to avoid tearing or damage by the saw blade, but before initial shrinkage has occurred.
- Additional reinforcing in precast or tilt-up panels required for lifting stresses shall be supplied by the contractor at no additional cost to the Owner.
- Provide 2-#4x4'-0" diagonal reinforcing at mid-depth of slab at all reentrant corners typical.
- See Architectural Drawings for wall openings, wall offsets, chambers, kerfs, drips, etc.
- Coasting concrete during cold weather shall be in accordance with all provisions of ACI 308 (latest edition) Standard Specifications for Cold Weather Concreting.
- Casting concrete during hot weather shall be in accordance with all provisions of ACI 305 (latest edition), Specification for Hot Weather Concreting.
- Special provisions for floor slabs on ground.
 - The parameters for the mix design listed below for floor slabs on ground are intended to provide a low shrinkage concrete mixture.
 - Joints in the floor slabs shall be constructed and spaced per (10) (15)
 - Floor slabs shall be cast directly on a vapor barrier as specified on the drawings or in the specifications.
 - Floor slabs shall be moist cured for a minimum of 7 days unless otherwise noted in the specification.
 - Floor slabs shall not be loaded until they have reached their specified design strength.

20. Concrete types:					
Class	Item	f _c at 28 days	Max Aggregate	Unit Weight (pcf)	Max FwC
A.	Footings	3000 psi	1"	145	0.60
B.	Floor Slabs on ground	4000 psi	1"	145	0.45
C.	Ext Walks & Pads	3000 psi	1"	145	0.50

* A shrinkage reducing admixture conforming to ASTM C-494 Type S, shall be included in this mix. Minimum dosage for shrinkage reducing admixture shall be 4# fluid ounces per cubic yard of concrete, or as recommended by the admixture manufacturer for general shrinkage reduction.

- NOTES:
 a) Concrete shall have a maximum slump of 4".
 b) A water-reducing admixture should be added where increased workability is needed or desired.

Reinforcing Steel

- Reinforcing steel shall conform to ASTM A615 - grade 60 for #4 and larger, and ASTM A615 for #3 and smaller, except reinforcing steel to be welded shall conform to ASTM A106.
- All preheating and welding of reinforcing bars shall be done in accordance with AWS D1.4 latest edition and shall be contractually inspected by a qualified laboratory.
- Reinforcing steel shall be fabricated in accordance with the ACI "Manual of Standard Practice for Reinforced Concrete Construction", latest edition.
- Wire fabric shall conform to ASTM A-185 and shall be lapped 12" minimum at splices.
- Tests and inspections of the reinforcing steel shall be per the ACI 318 Code and the Special Inspection Agreement Form.
- Shop drawings for reinforcing steel shall be submitted for review prior to fabrication and delivery of reinforcing steel.
- Provide all accessories necessary to support and secure reinforcing steel in the positions shown on the plans. All reinforcing steel shall be tied securely in position prior to placing concrete.
 - The following minimum concrete cover shall be provided for reinforcing steel:

a) For concrete cast against earth.....	3"
b) For concrete exposed to earth or weather: #5 and smaller bars.....	1 1/2"
#6 and larger bars.....	2"
c) For concrete not exposed to earth or weather.....	1 1/2"
 - Splices in reinforcing steel shall be Class B unless noted otherwise and shall conform to the following schedule:

Lap Splice Length Schedule											
Concrete Strength	Splice Class	Reinforcing Location	#3	#4	#5	#6	#7	#8	#9	#10	#11
3000 psi	B	Top Bars	21"	24"	42"	56"	40"	112"	134"	154"	164"
	B	Other Bars	16"	22"	32"	43"	64"	66"	128"	222"	141"
4000 psi	B	Top Bars	21"	28"	37"	44"	78"	97"	117"	138"	154"
	B	Other Bars	16"	14"	28"	37"	60"	74"	90"	106"	122"

 Notes:
 a) Schedule applies to uncoated, Grade 60 reinforcing steel, and normal weights, 3000 psi & 4000 psi concrete.
 b) Top bars are located such that 12" or more of fresh concrete is cast below the splice.
 c) For light weight concrete, multiply lap lengths by 1.30.
 d) Schedule applies to uncoated bars with a clear spacing of not less than 1 1/2 inches, and, to bars with concrete cover of at least 2 1/2 inches.

Concrete Block Masonry Notes

General: All masonry construction shall conform to the California Building Code (CBC), and Building Code Requirements for Masonry Structures (TMS 602-2016), and the Specification for Masonry Structures (TMS 602-2016).

- The specified compressive strength, f_m, of the masonry shall be 2000 psi minimum.
- Concrete block units shall conform to ASTM C-40 grade N-4 units. Compressive strength of concrete masonry units shall be 2000 psi.
- Mortar proportions shall be Type S mortar and shall conform to ASTM C 270 and TMS 602.
- Grout shall conform to TMS 602.
- Grout shall attain a minimum compressive strength of 2000 psi.
- Reinforcing steel shall conform to ASTM A615-grade 60 for #4 and larger, grade 40 for #3 and smaller.
- Lap all bars #8 diameters, minimum unless noted otherwise.
- Before block is placed on concrete, thoroughly clean concrete of all laitance and all loose material. Roughen as in concrete construction joint.
- Concrete block masonry shall be built to preserve the unobstructed vertical continuity of the cells. All head end joints shall be solidly filled with mortar for a distance in from the face of the wall or unit not less than the thickness of the longitudinal face shells. Bond shall be provided by lapping successive courses or by equivalent mechanical anchorage.
- Grouting shall be in accordance with TMS 602.
- Vertical cells shall be vertical alignment sufficient to maintain a clear unobstructed continuous vertical cell measuring not less than 2"x3" for low lift grouting or 3"x3" for high lift grouting.
- Mechanically vibrate all grout pours per TMS 602.
- Vertical reinforcing shall be held in position at top and bottom to prevent displacement of concrete in accordance with the recommended practices as required to prevent displacement during construction.
- Thoroughly clean all cells and bond bands of mortar before grouting.
- All cells shall be filled solidly with grout. All grouting shall be done under the continuous observation of a qualified special inspector.
- When grouting is stopped for one hour or longer, horizontal construction joints shall be formed by stopping the pour of grout 1/2" below the top of the uppermost unit.
- Each vertical bar in walls shall lap 48 diameters with a dowel of the same size extending from the foundation. Carry each dowel to within 3" of the bottom of the foundation and terminate with 90° hook. Dowels shall be straight and plumb.
- Place all reinforcing bars in bond beam units. When 2 bars are used, stagger laps minimum of 5'-0".
- Provide 2-#5 bars (full height of wall at jamb and extending a minimum of 2'-0" past edges of openings at head and sill) each side of all openings and each end of all walls, unless noted otherwise on drawings.
- All embedded items (bolts, etc.) shall be secured in place prior to grouting. Provide a minimum of 1" grout around all bolts in masonry. See typical Details sheet.
20. Use open end block for all stack bond construction.
- Compliance with the requirements for the specified compressive strength of masonry. f_m shall be in accordance with TMS 602, Unit Strength Method.

Structural Steel

General: All design, fabrication and erection of structural steel for buildings and structures shall be in accordance with the California Building Code (CBC) and the Specification for Structural Steel Buildings (AISC 360), and the Seismic Provisions for Structural Steel Buildings (AISC 341).

- Structural steel W and WT shapes shall conform with ASTM A992 steel. Structural steel angles, channels, miscellaneous channels, and plates shall conform with ASTM A36 steel unless noted otherwise.
- Steel pipe shall conform to ASTM A-53, Types E or S, grade B.
- Structural steel tubing shall conform to ASTM A-500, grade B.
- Welding shall be done by the electric arc process in accordance with American Welding Society standards, using only certified welders. All groove welds shall have complete penetration unless noted otherwise. All exposed welds shall be ground. All welding to be done using E70XX electrodes. In addition welding of ASTM A572 grade 50 steel and ASTM A992 steel shall be done with low hydrogen E70XX electrodes.
- All structural plates shall be erected plumb and true to line. Temporary bracing shall be installed and shall be left in place until other means are provided to adequately brace the structure.
- Place non-shrink grout under all base plates before adding vertical load.
- Bolted connections shall consist of unfinished bolts conforming to ASTM A-307 unless noted otherwise. Where high strength bolts are indicated bolts conforming to ASTM A325-N shall be provided (provide A325-SC bolts where indicated).
- Holes for unfinished bolts shall be of the same nominal diameter of the bolt plus 1/16". Use standard AISC gage and pitch for bolts except as noted otherwise.
- Holes for anchor bolts embedded in concrete shall be of the same nominal bolt diameter plus 3/16" unless noted otherwise.
- Provide 1/2" diameter stitch bolts and ring fills, spaced at not more than 24"cc for all double angle members.
- At wood to steel parallel contact, bolt with 1/2" diameter bolts at maximum 24"cc.
- Structural steel shall receive minimum of one shop coat of red primer paint. Do not paint areas to be field welded. To receive friction type high strength bolts, or to be embedded in concrete. Provide additional painting as noted in the specifications.
- All structural steel below grade shall have 3" minimum of concrete cover.
- All structural steel member sizes shown on these design drawings shall be considered the minimum sizes required to satisfy Code requirements for stresses and deflection. If those minimum sizes must be increased for issues concerning erection, transportation, fabrication (including but not limited to curving distortions, fractures, etc.) or welding processes (including but not limited to distortions, etc.), the increased sizes shall be shown on the design drawings for review prior to fabrication, and shall be supplied at no added cost to the owner.
- Quality Control & Quality Assurance:
 - Quality Control (QC) and Quality Assurance (QA) shall be provided and shall conform to both AISC 360-10 Chapter N, and AISC 341-10, Chapter J.
 - QC shall be provided by the fabricator and erector. QA shall be provided by the company retained to provide Special Inspections.
 - The fabricator and erector shall establish and maintain quality control procedures and perform inspections to ensure that their work is performed in accordance with AISC chapters cited above and the construction documents. The quality control program shall comply with AISC 360-10, Section N2 and applicable portions of AISC 341-10, Chapter J.

Wood

- Sawn lumber shall conform to the following minimum specifications unless noted otherwise:

Member	Species	Grade
2x Joists, rafters, and sub-purlins	Douglas Fir-Larch	No. 2
2x and 6x studs, plates, and blocking	Douglas Fir-Larch	No. 2
4x and 6x posts	Douglas Fir-Larch	No. 1
4x and 6x beams, purlins, and headers	Douglas Fir-Larch	No. 1
- Glued Laminated Beams shall be manufactured and identified as required in ANSI/AITC A 190.1 and ASTM D 3137. Glued laminated beams shall be combination 24F-V4 for simple span members and 24F-V8 for cantilevered members. All glued laminated beams shall be manufactured with a 2x202 ft. radii camber (except cantilevers shall have no camber) unless noted otherwise. Each glued-laminated beam shall be fabricated with end grain glue and shall be assumed in accordance with AISC chapters cited above and the construction documents. Preservative treated wood shall bear quality mark stamp or label per CBC 2303.1.9.1.
- Wood Structural Panel/Sheathing shall conform to DOC PS 1 or PS 2.
- All wood in direct contact with concrete or masonry shall be preservative-treated.
- Beaming and shear walls shall have double top plates, lapped at wall and partition intersection with 3-led nails. Splice double top plates as noted or detailed on the drawings.
- Provide solid blocking between joists and rafters at all supports.
- Provide blocking at all ceiling levels.
- Notes for bolts in wood shall be bored with a bit equal in size to the diameter of the bolt plus 1/8" diameter.
- Notes for lag screws shall be bored as follows:
 - The clearance hole for the shank shall have the same diameter as the shank, and the same depth of penetration as the length of unthreaded shank.
 - The lead hole for the threaded portion shall have a diameter equal to 60% to 75% of the shank diameter and a length equal to at least the length of the threaded portion.
 - Lag screws and wood screws shall be screwed and not driven into place. Soap may be used to lubricate the screws.
- All bolts and lag screws shall be provided with metal washers under heads and nuts which bear on wood. Applies also to inserted expanding fasteners, Red Head, etc.
- Lay all structural sheathing panels on roofs and floors with face grain perpendicular to supports unless noted otherwise.
- Use purlins at midspan of all unsupported roof sheathing edges.
- Connector hardware model number are those for Simpson Strong-Tie Company. Equivalent connectors with ICC Evaluation Report may be substituted. All joist hangers shall be Simpson U series unless noted otherwise.
- Nails shall have the following minimum dimensions (measured before application of any protective coatings):

Nail	Diameter	Length
16d common	0.162"	3 1/2"
10d common	0.148"	3"
8d common	0.131"	2 1/2"
16d sinker	0.148"	3 1/2"
10d box	0.128"	3"
8d box	0.113"	2 1/2"
- Anchor bolts for foundation sill plates shall be 3/8" diameter with a 12" minimum length, and 1" minimum embedment into concrete. Anchor bolts shall conform to ASTM A307 with a standard hex head at the embedded end, or shall conform to ASTM A36 with a fully engaged hex nut on the embedded end. Anchor bolts shall be spaced at 48"cc unless noted otherwise. Provide at least two anchor bolts per each piece of foundation sill plate and, provide an anchor bolt not more than 12" nor less than 4" from the ends of each piece of foundation sill plate. All anchor bolts at non-shearwalls shall have standard cut washers, and shearwalls shall have plate washers at all anchor bolts per the shearnall schedule.
- Per CBC 2304.10.5, fasteners (including nuts, washers, and connector) for preservative-treated and fire-retardant-treated wood shall be of hot-dipped galvanized steel or stainless steel.
- No upset threaded bolts allowed; use only cut-thread bolts with full diameter bodies. See table below for dimensional requirements for cut-thread bolts with full diameter bodies:

Nominal Bolt Size (Inches)	Body or Shank Diameter (Inches)	
	Max.	Min.
1/2" (0.500)	0.515	0.482
3/8" (0.375)	0.642	0.605
1/4" (0.250)	0.268	0.229
3/16" (0.1875)	0.845	0.852
1" (1.000)	1.022	0.976

 Note: The body or shank of the bolt is the smooth part between the head and the threads.

Special Inspections

Special Inspections - General

- Special inspections shall be provided as listed on this sheet and as required by the California Building Code (CBC), Chapter 17.
- All Special inspections shall conform to the requirements of the Chapter 17 of the CBC.
- All Special inspections shall be performed by an independent inspection agency. Jobsite visits by the Structural Engineer do not constitute Special Inspections and are not a substitute for Special Inspections.
- It is the contractor's sole responsibility to see that these Special Inspections are performed.
- Listed and tabulated on these drawings are only those Special Inspections required for structural systems. Refer to CBC Chapter 17, the architectural drawings and/or specifications, and local building codes for other Special Inspections that may be required.
- The Special Inspector shall be a qualified person who shall demonstrate competence to the satisfaction of the Building Official for inspection of the particular type of construction or operation requiring special inspection.
- The special inspectors shall keep and furnish records of inspections per CBC 1704.2.4.
- Inspection of Fabricators: Where fabrication of structural load-bearing members and assemblies is being performed on the premises of a fabricator's shop, special inspection shall be provided per CBC Section 1704.2.5.
- See the "Special Inspections Schedule" on this sheet for required structural Special Inspections and Verifications.

Special Inspections Schedule

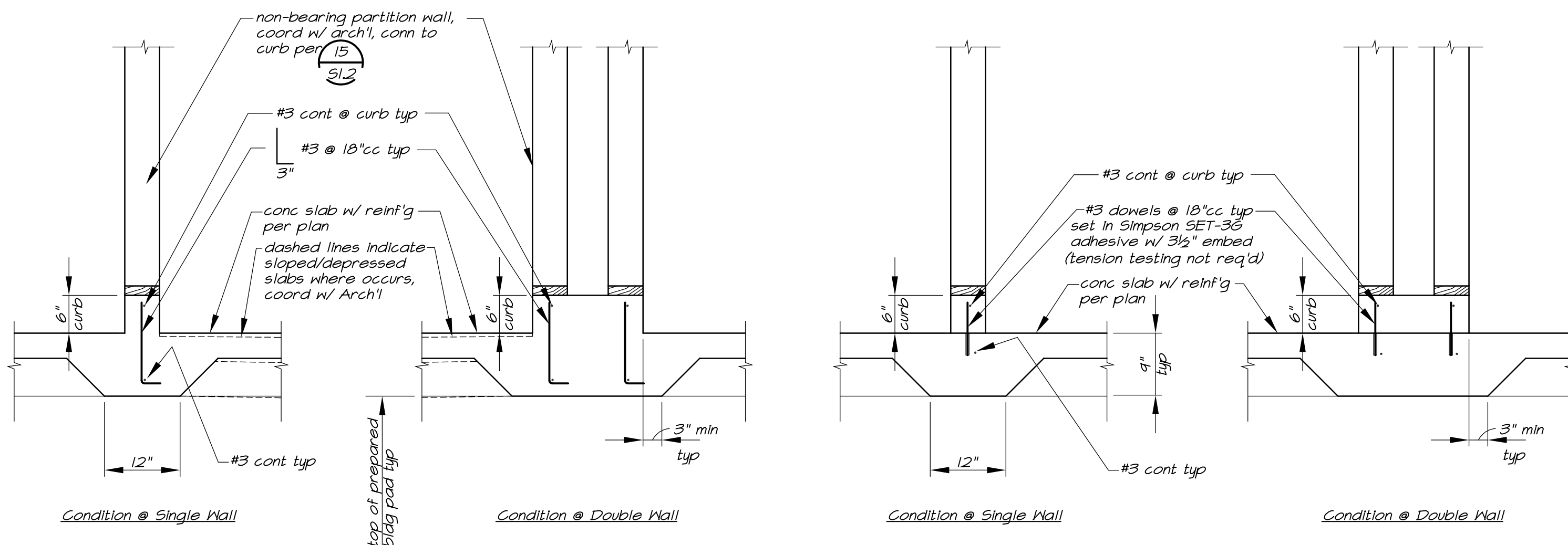
Required Special Inspection And Tests per CBC Section 1705

Item	Required	CBC Code Section/ Table/Reference	Notes
1. Steel Construction	X	1705.2	See AISC 360 for structural steel.
2. All Concrete Construction (Including welding of Reinforcing bars)	X	1705.3 Table 1705.3.1	Not Required for Concrete Piers, except where specifically on schedule.
3. Masonry Construction		1705.4, TMS 602-16-6, and TMS 602-16-Section 16	
a) Level 1 Quality Assurance		TMS 602-16-Table 3 & 4	
b) Level 2 Quality Assurance		TMS 602-16-Table 3 & 4	
c) Level 3 Quality Assurance	X	TMS 602-16-Table 3 & 4	
4. Wood Construction		1705.9	
a) High Load Diaphragms		1705.9.1	
b) Floor/Plate-connected wood trusses with overall height of 8ft. or more and/or trusses spanning 80 feet or more		1705.9.2	
c) Joist & B) Manufactured Trusses & Assemblies		1705.9.3	
5. Nails - Including items, if any, checked below	X	1705.9.4 Table 1705.9.4 Table 1705.7	
a) Small Deep Foundations		1705.9.4	
b) Cast-In-Place Deep Foundations		1705.9.4	
c) Helical Pile Foundations		1705.9.4	
6. Fabricated Items		1705.10	
7. Special Inspections for Wind Resistance		1705.11	
8. Special Inspections for Seismic Resistance	X	1705.12	
9. Expansion & Adhesive Anchors	X	Current ICC Evaluation Report for Anchor System	

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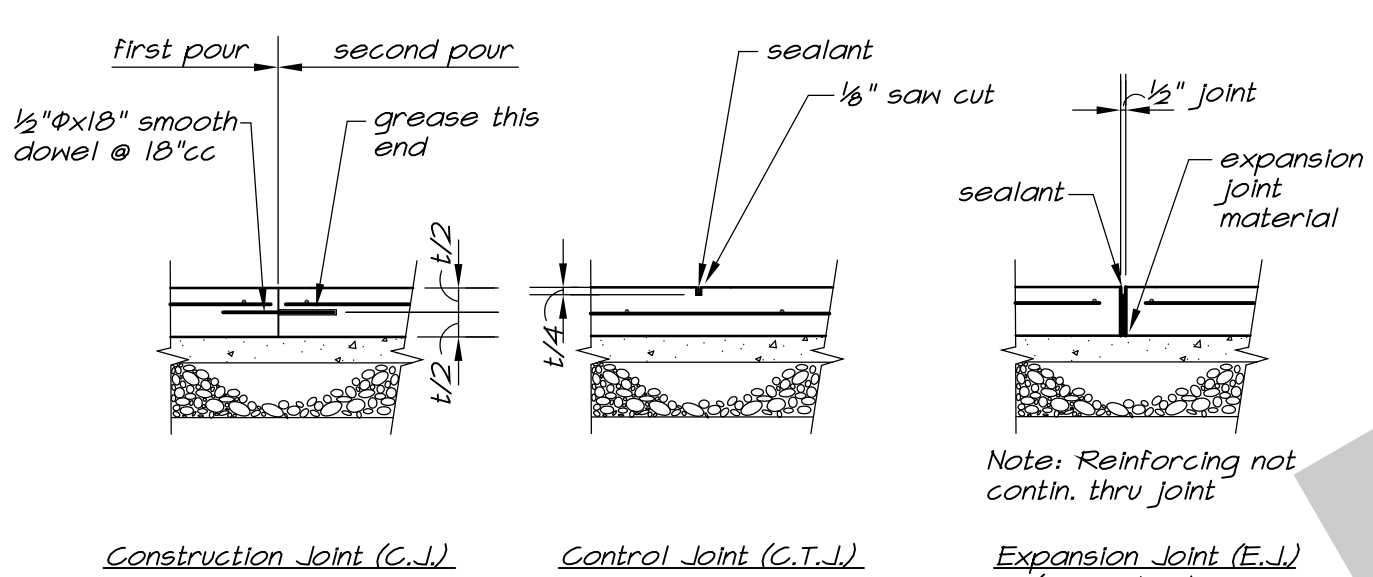
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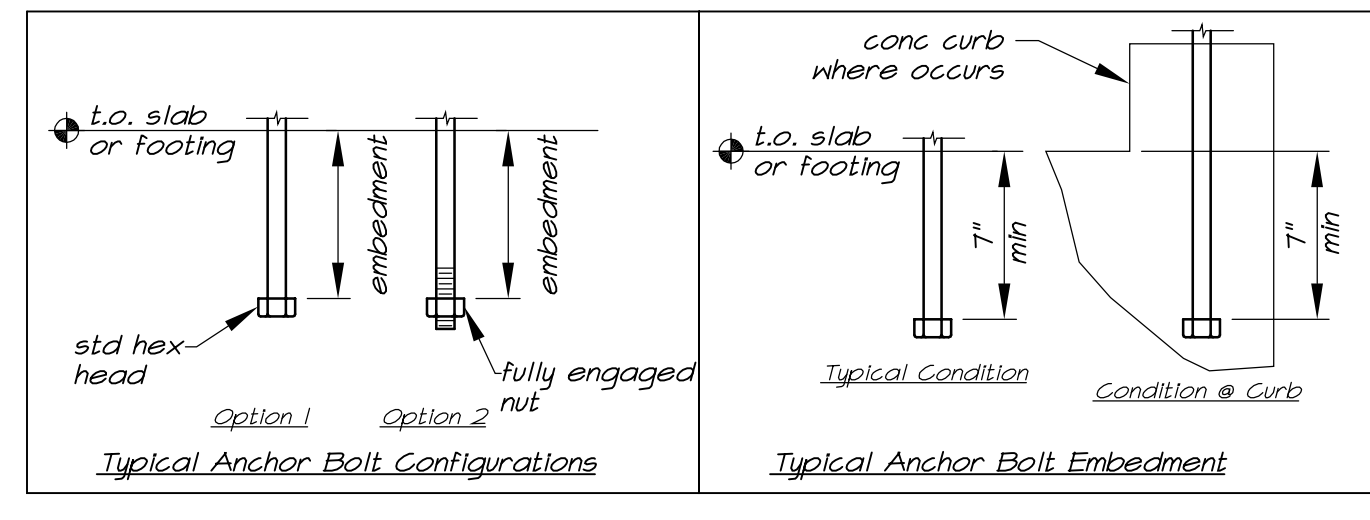
Option 1: Monolithic Pour Condition

Option 2: Two-Pour Condition

9 Concrete Curbs @ Non-Bearing Walls and Non-Shearwalls 1/2"=1'-0"

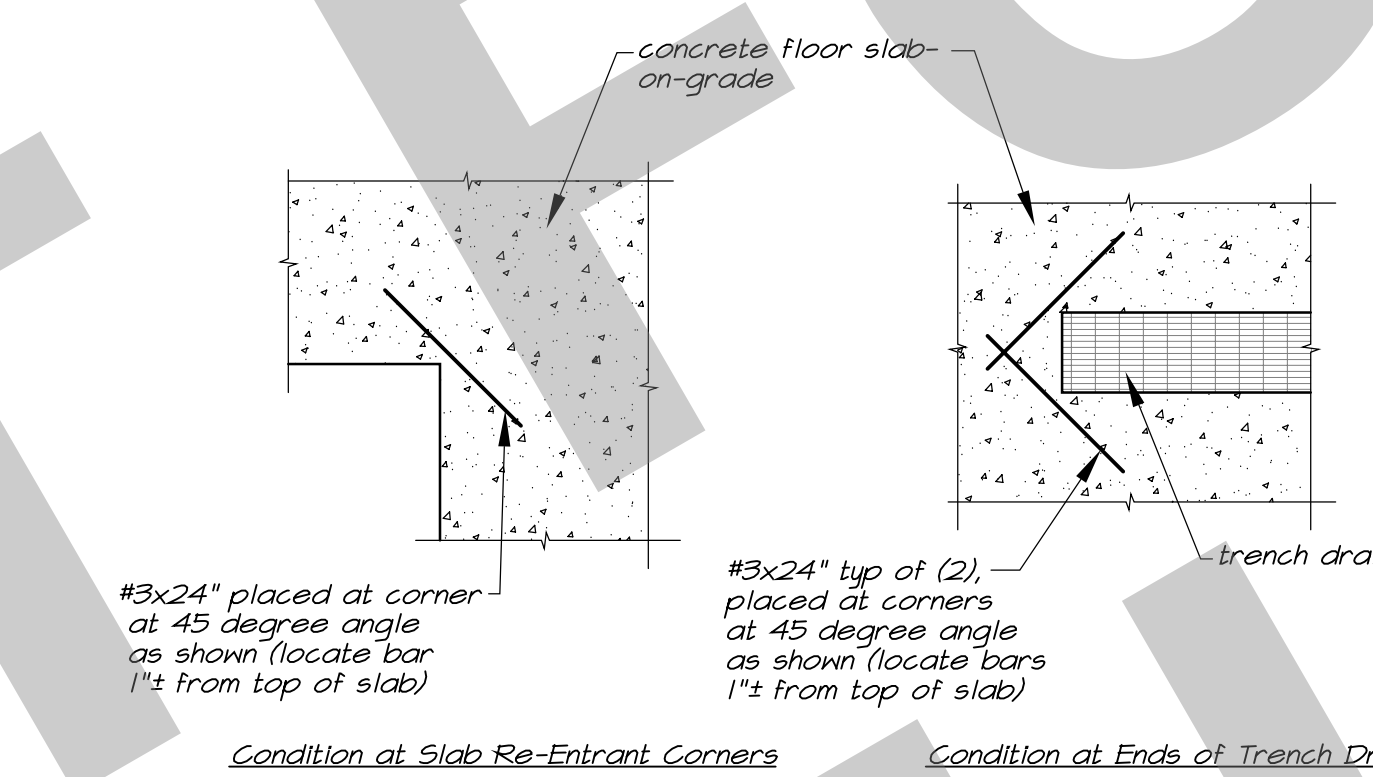


10 Slab-On-Grade Joints 3/8"=1'-0"



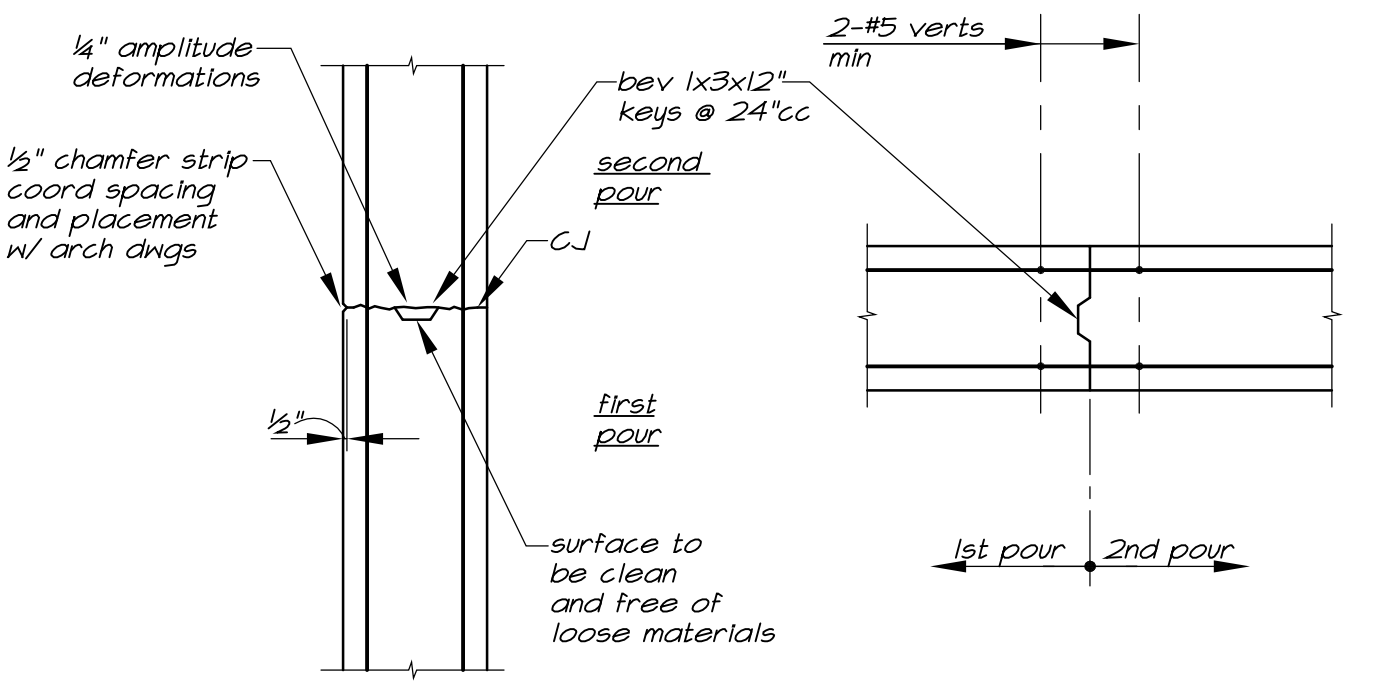
11 Typical Anchor Bolt Detail 3/8"=1'-0"

10 Slab-On-Grade Joints 3/8"=1'-0"

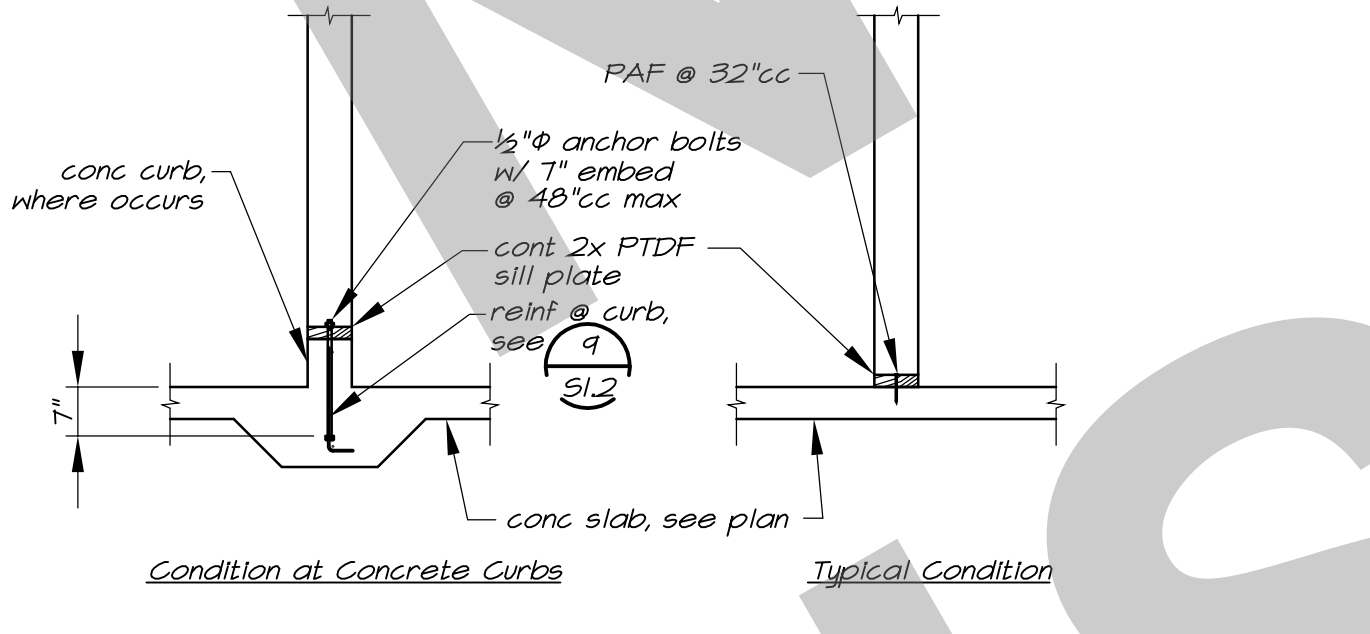


7 Slab Reinforcing at Holes and Corners 1/2"=1'-0"

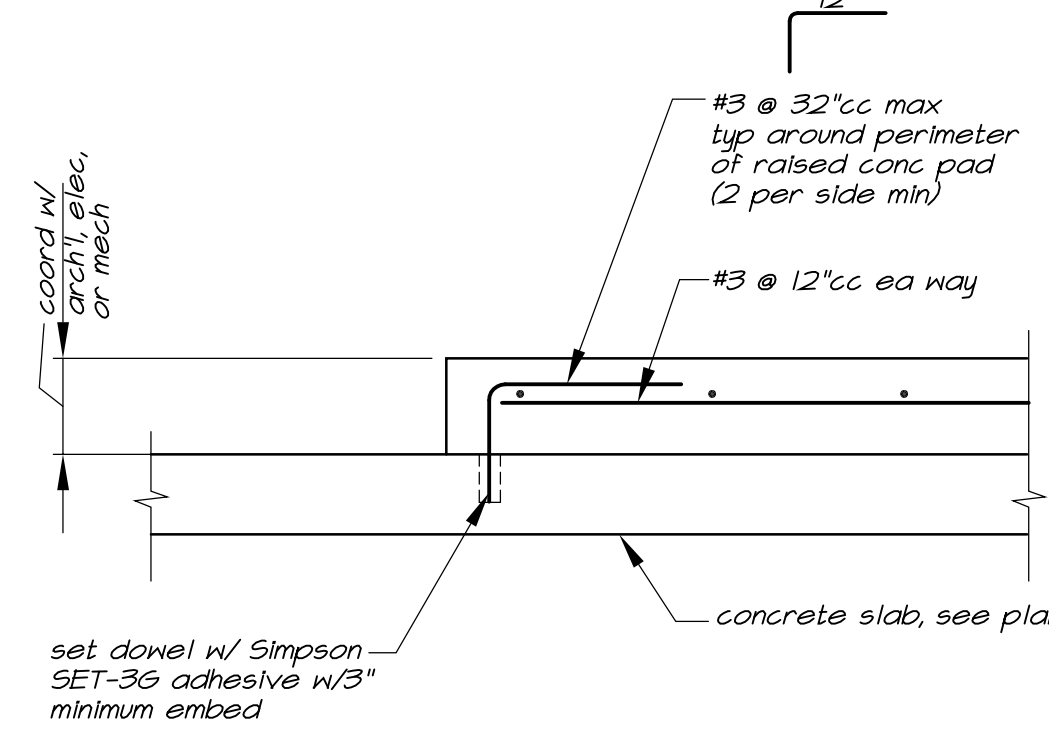
11 Typical Anchor Bolt Detail 3/8"=1'-0"



Detail 5 Concrete Wall Joints 1/2"=1'-0"



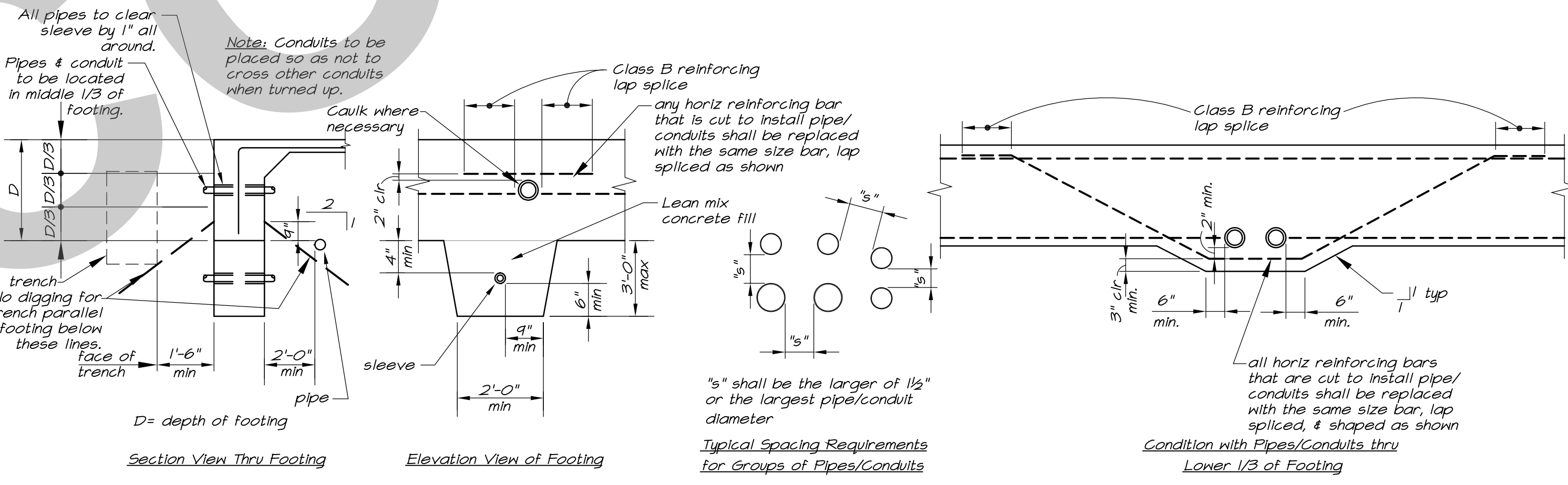
6 Typical Non-Bearing Wall Conn. 1/2"=1'-0"



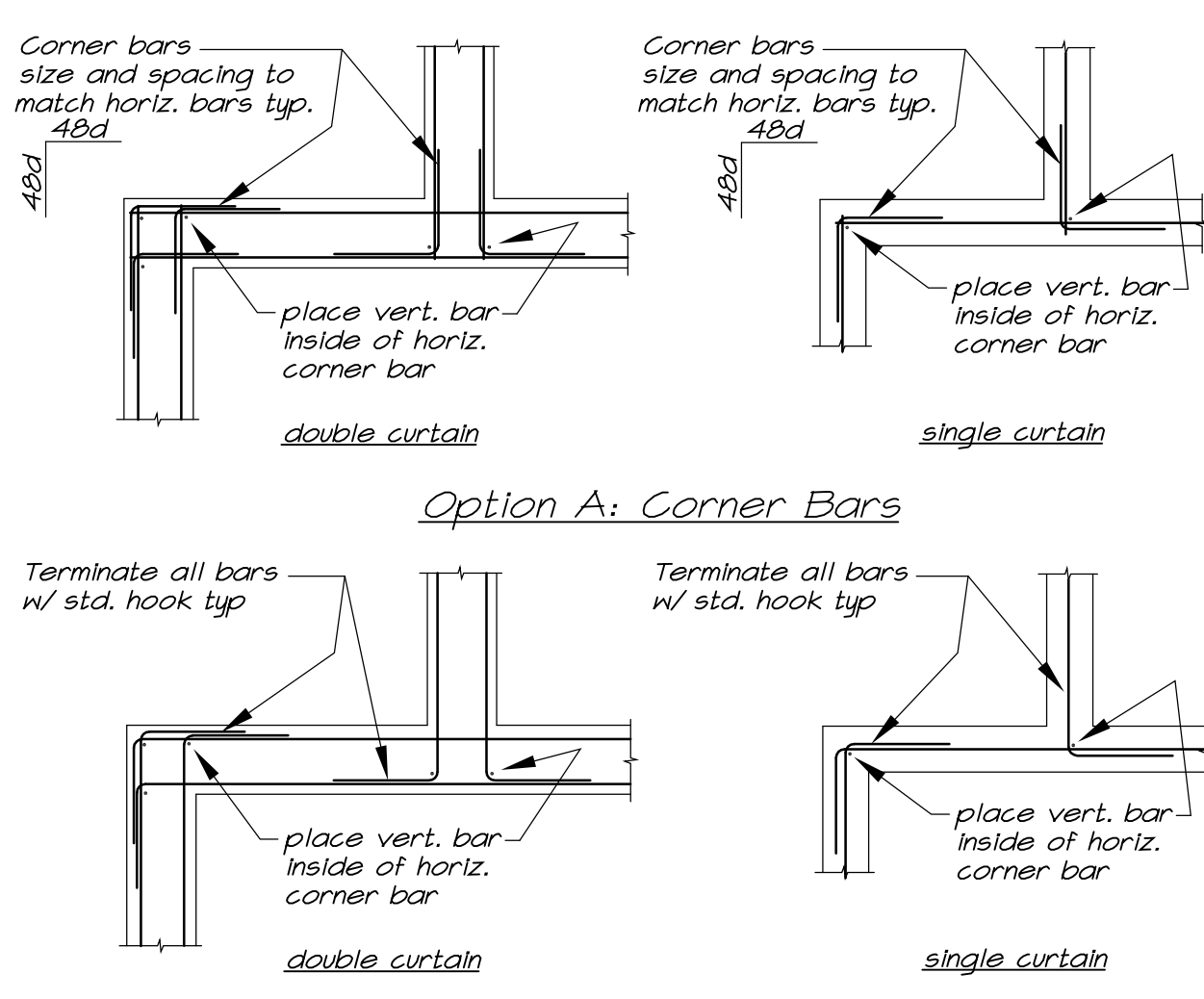
8 Typical Raised Concrete Pad Detail 1"=1'-0"

Standard Hooks & Bends for Bars Other than Stirrups, Ties and Hoops			
Type of Hook	Bar Size	D, Minimum Inside Bend Diameter, in.	Diagram of Hook
90 degree hook	#3 thru #8	6d _b	
	#9 thru #11	8d _b	
	#14 thru #18	10d _b	
180 degree hook	#3 thru #8	6d _b	
	#9 thru #11	8d _b	
	#14 thru #18	10d _b	

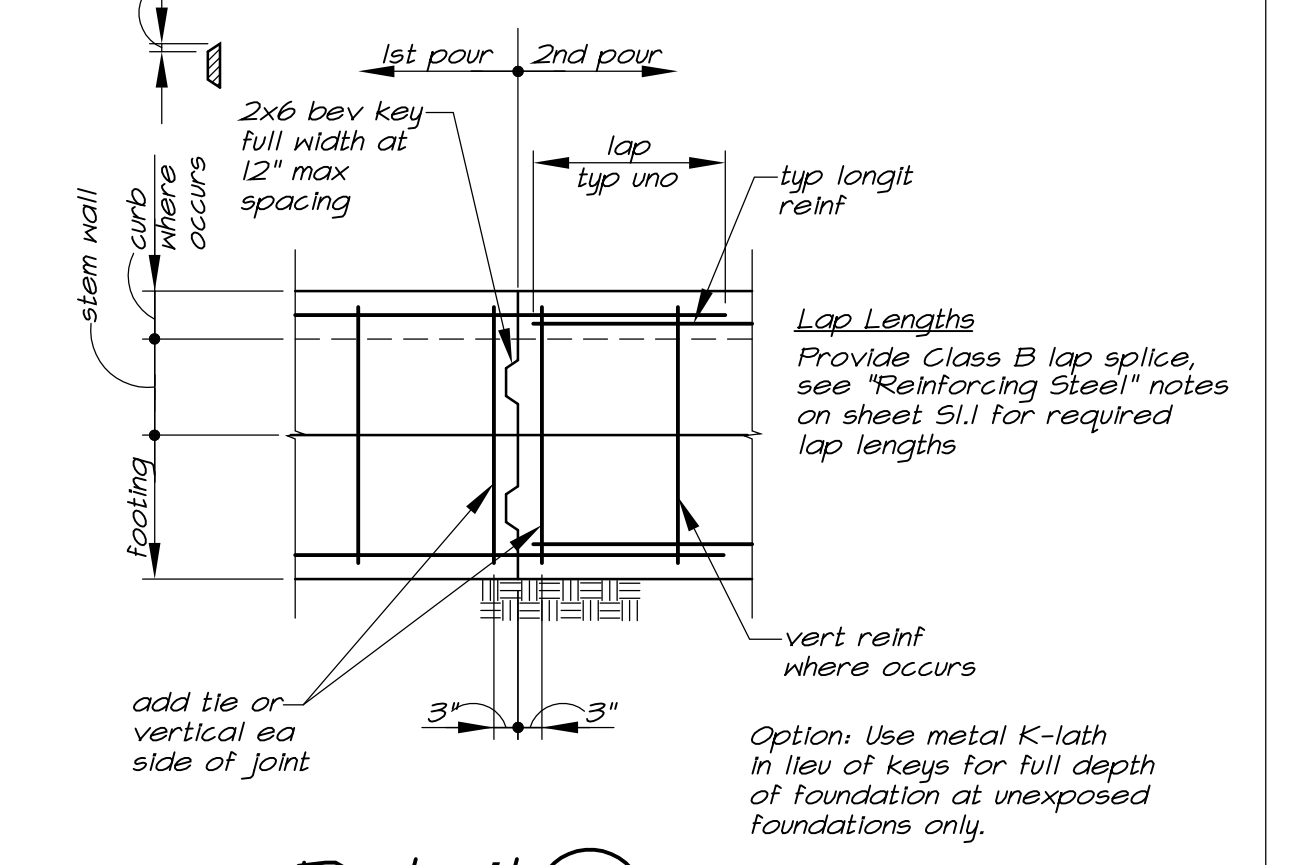
Standard Hooks & Bends for Stirrups, Ties and Hoops			
Type of Hook	Bar Size	D, Minimum Inside Bend Diameter, in.	Diagram of Hook
90 degree hook	#3 thru #5	4d _b	
	#6 thru #8	6d _b	
135 degree hook	#3 thru #5	greater of 6d _b and 3"	
	#6 thru #8	6d _b	
180 degree hook	#3 thru #5	4d _b	
	#6 thru #8	6d _b	



2 Pipes & Conduits at Footings 3/8"=1'-0"



3 Typical Corner Reinforcing 3/8"=1'-0"



Detail 4 Construction Joint 1/2"=1'-0"

1 Rebar Hooks & Bends 3/8"=1'-0"

2 Pipes & Conduits at Footings 3/8"=1'-0"

3 Typical Corner Reinforcing 3/8"=1'-0"

Detail 4 Construction Joint 1/2"=1'-0"

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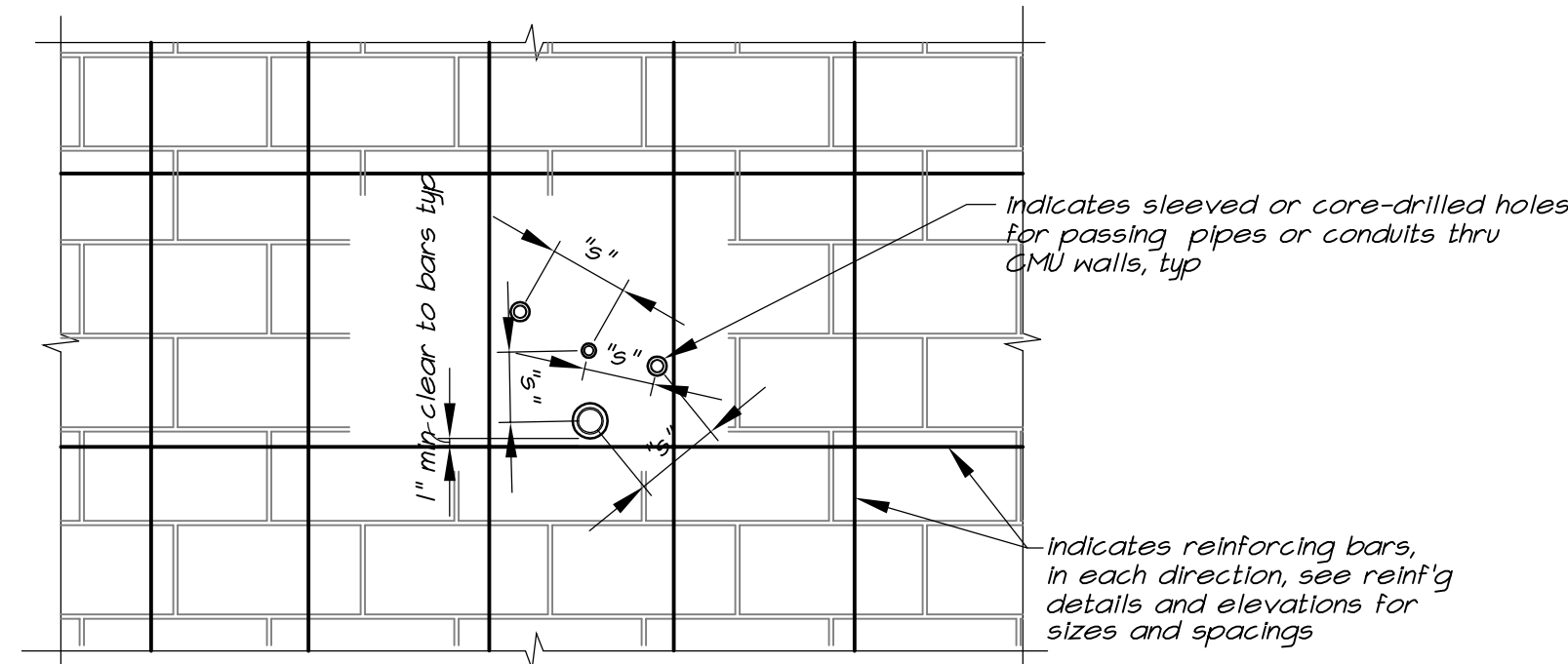
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Typical Details

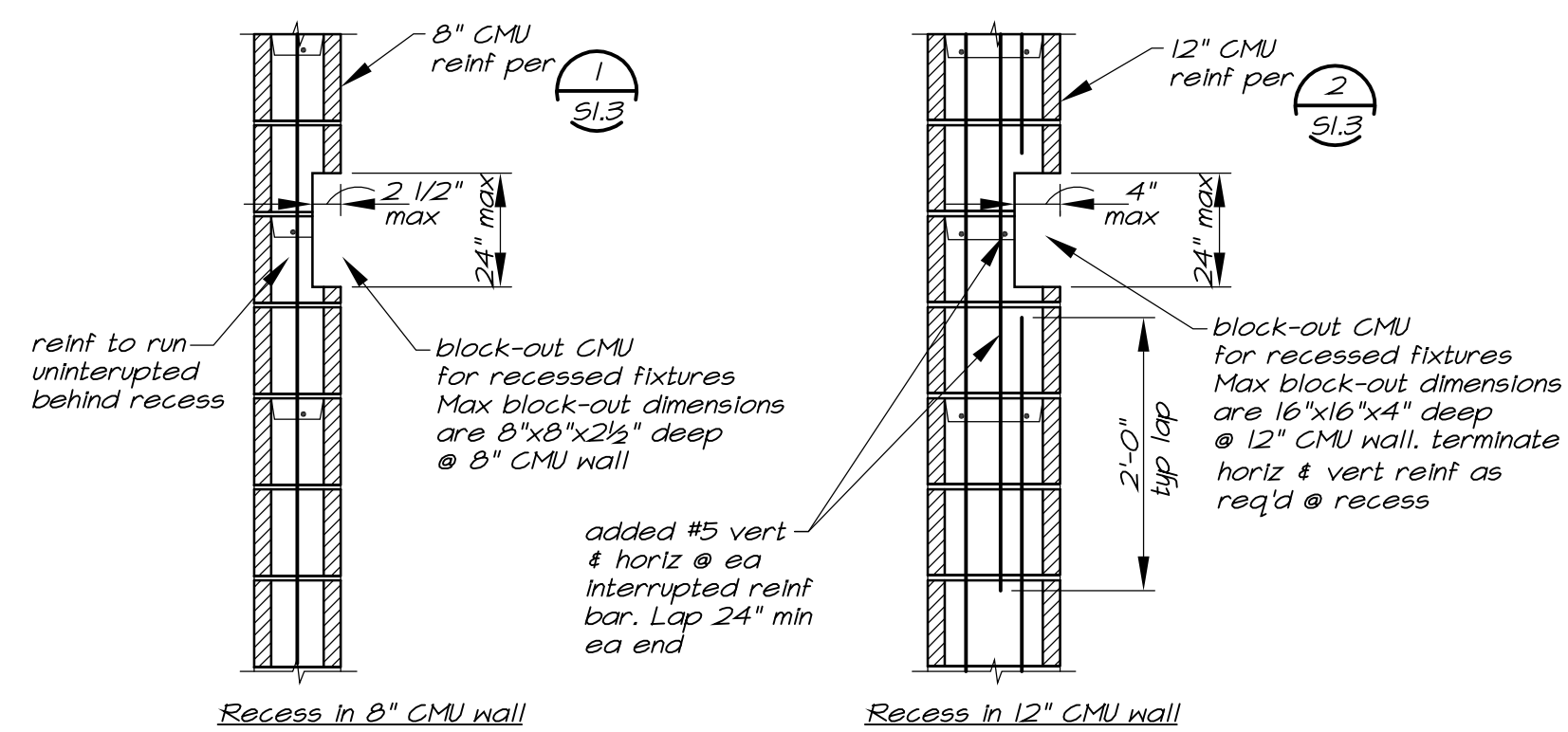
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Drawing Number: S1.2



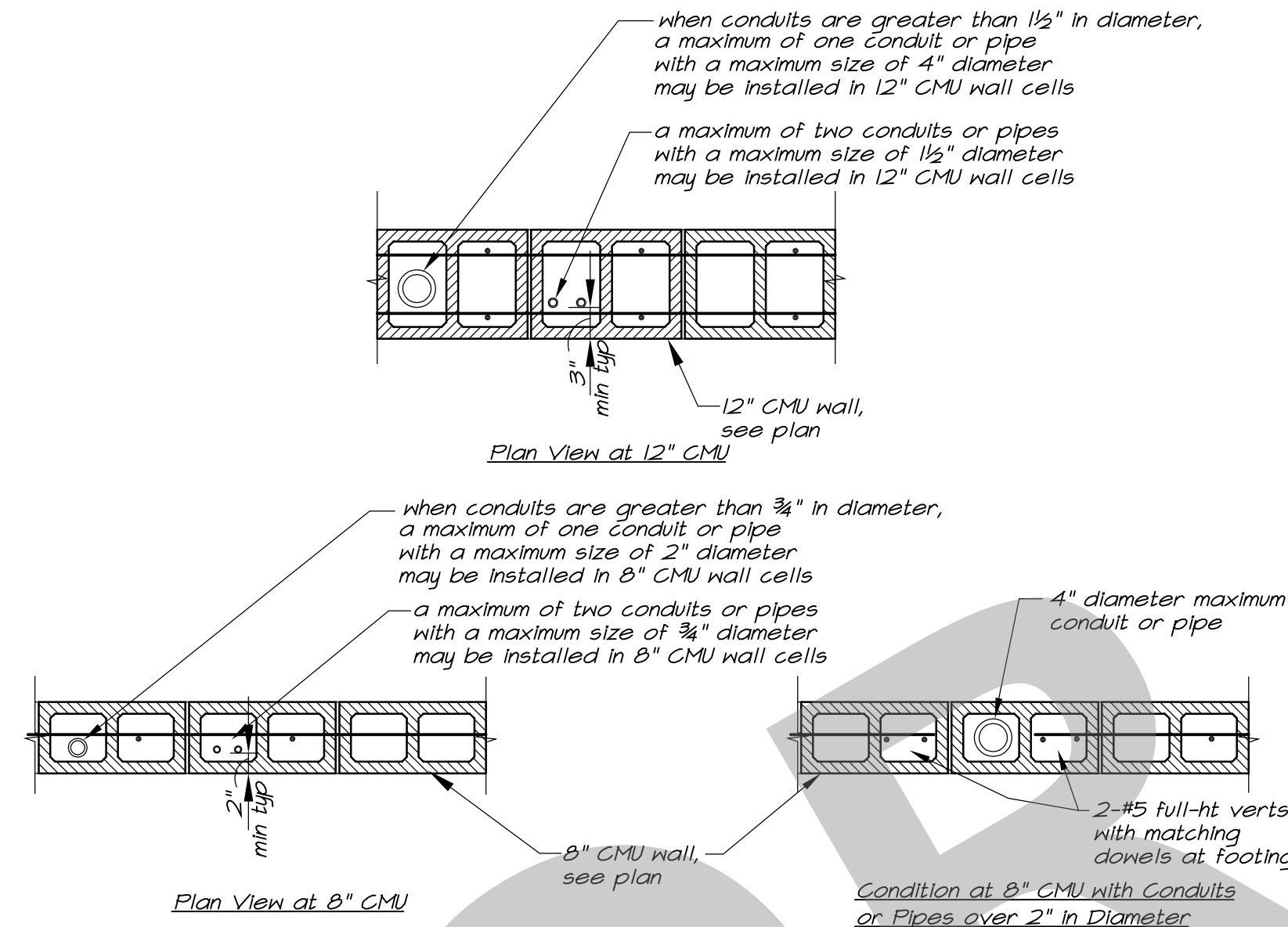
General Notes for Holes in Walls

- Holes in walls shall be constructed using sleeves thru the wall, installed prior to grouting to the greatest extent possible. In other cases, holes may be core-drilled.
- Where holes are core-drilled, all reinforcing shall be located by a non-destructive means prior to core-drilling walls.
- All reinforcing steel shall not be interrupted or damaged by core-drilling operations.
- In this detail, "s" indicates the center-to-center spacing of sleeved or core-drilled holes.
- The center-to-center spacing, "s", of any two holes shall not be less than three times the diameter of the larger hole.
- The size of the sleeved or core-drilled hole shall be the minimum size necessary to accommodate the pipe.
- The maximum size of holes in walls shall not exceed 8" diameter.

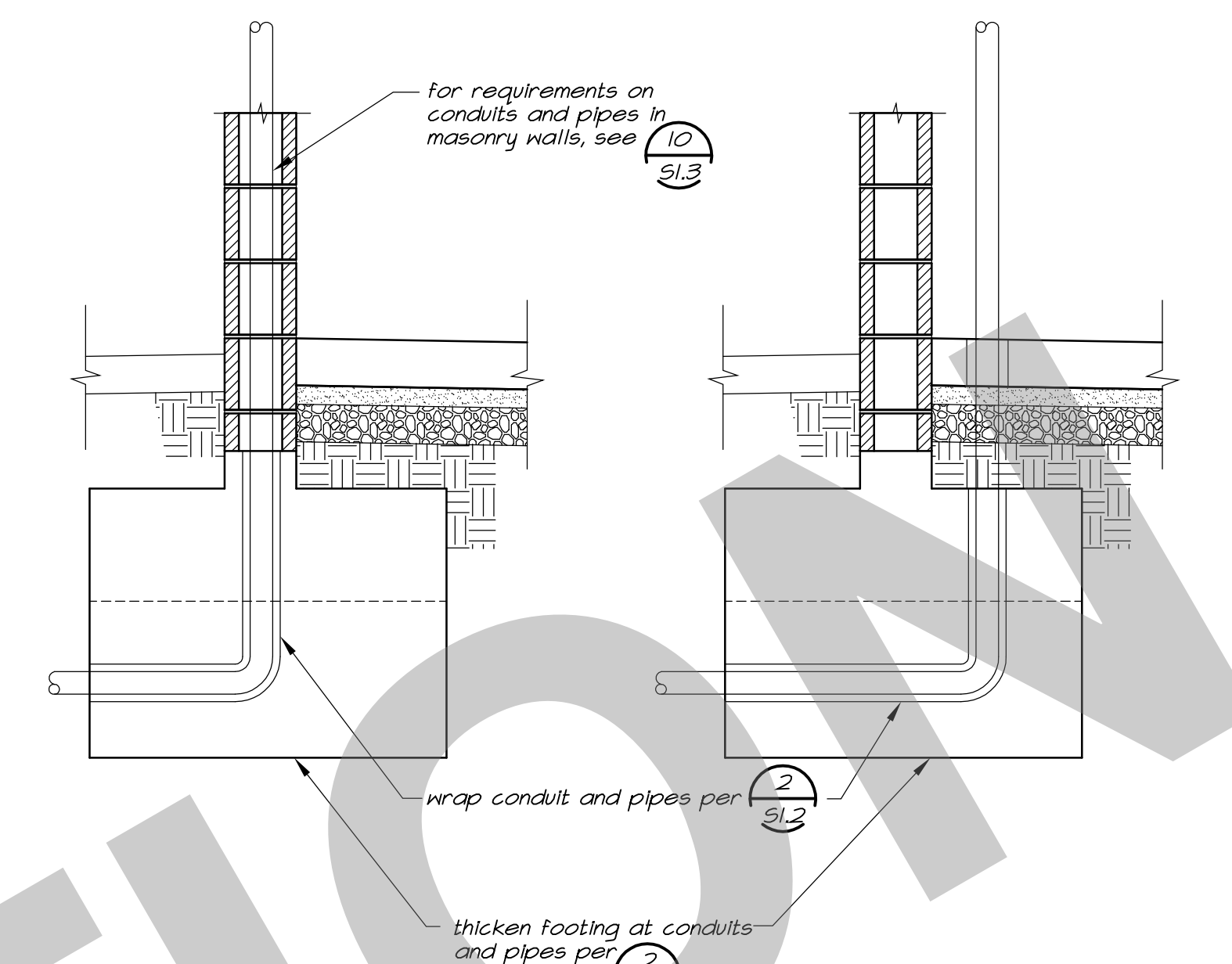
8 Typical Small Opening in Masonry Wall
S1.3 3/8"=1'-0"



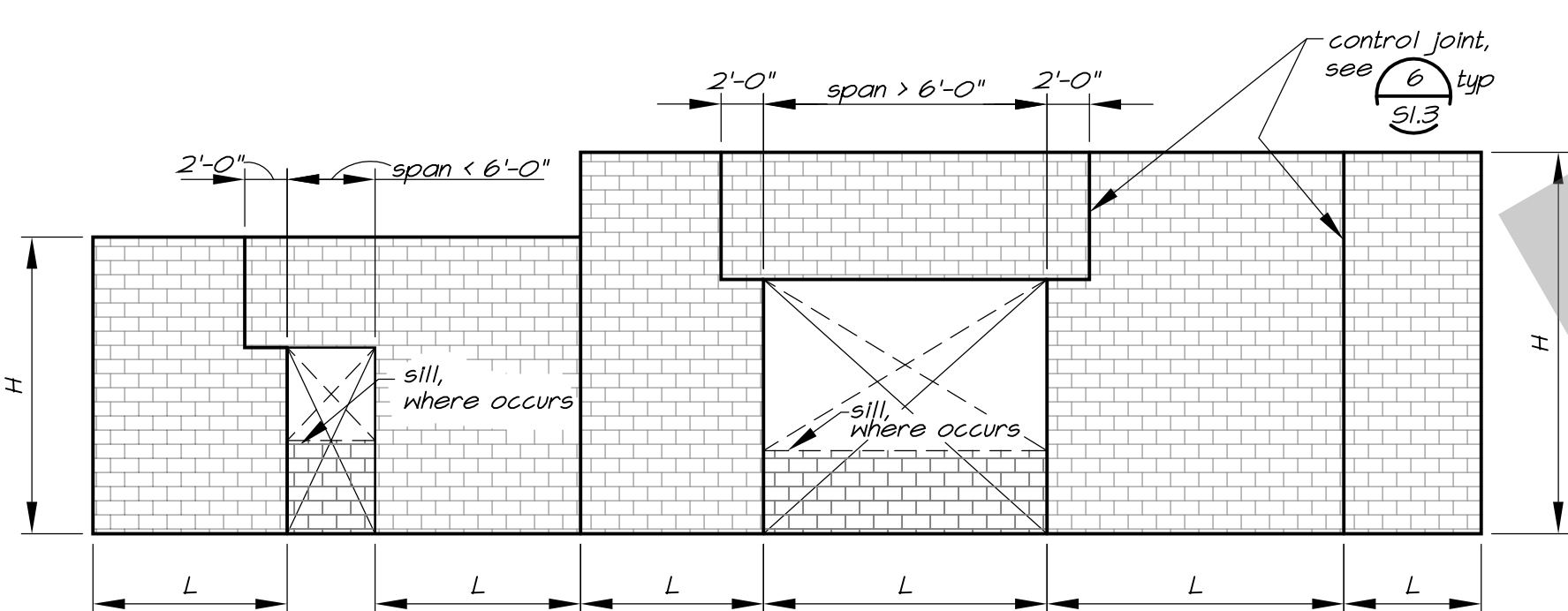
9 Typical Recess in Masonry 3/8"=1'-0"



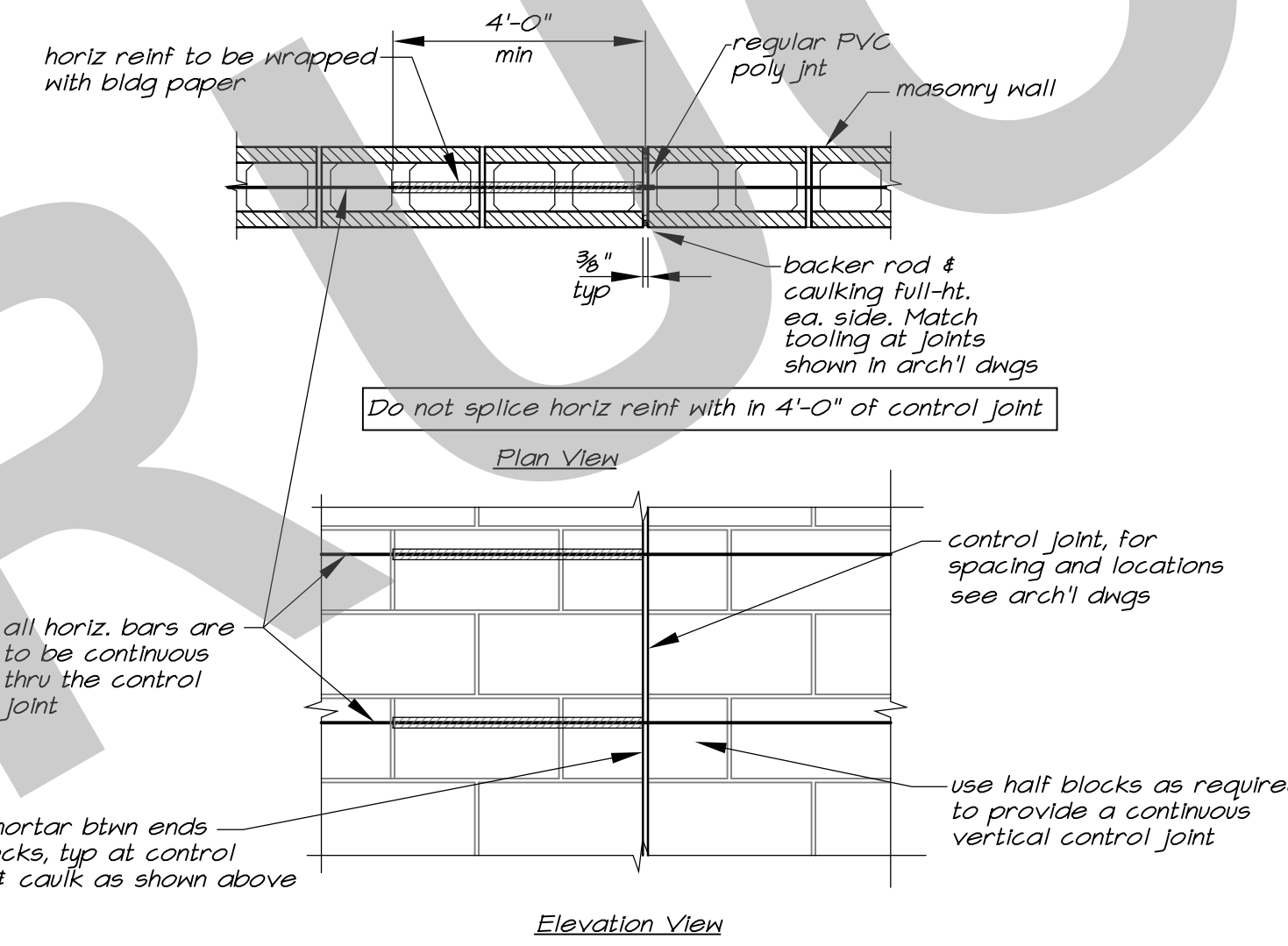
10 Pipes & Conduits in Masonry Walls 3/8"=1'-0"



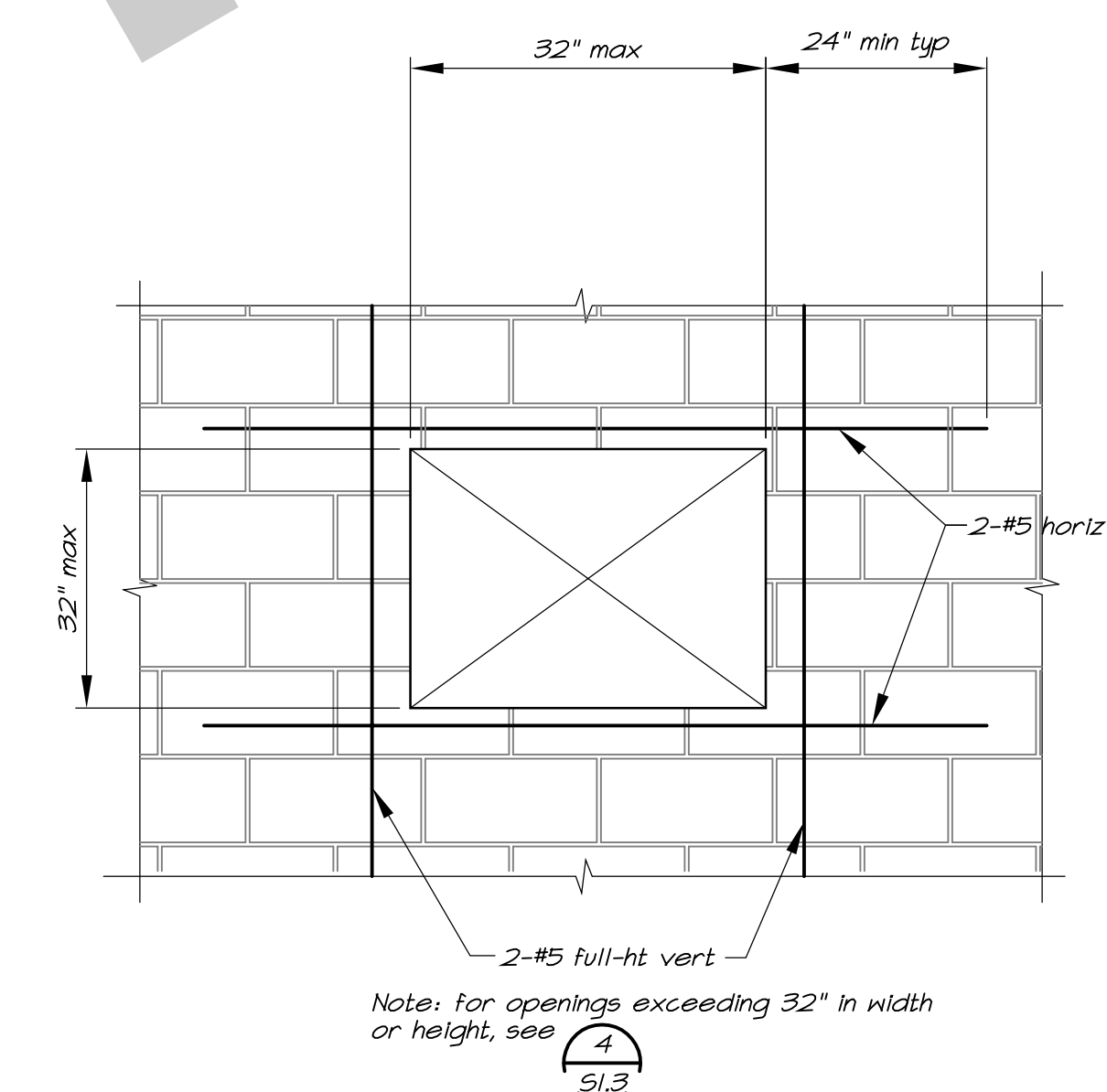
11 Pipes & Conduits in Masonry Wall Footings 3/8"=1'-0"



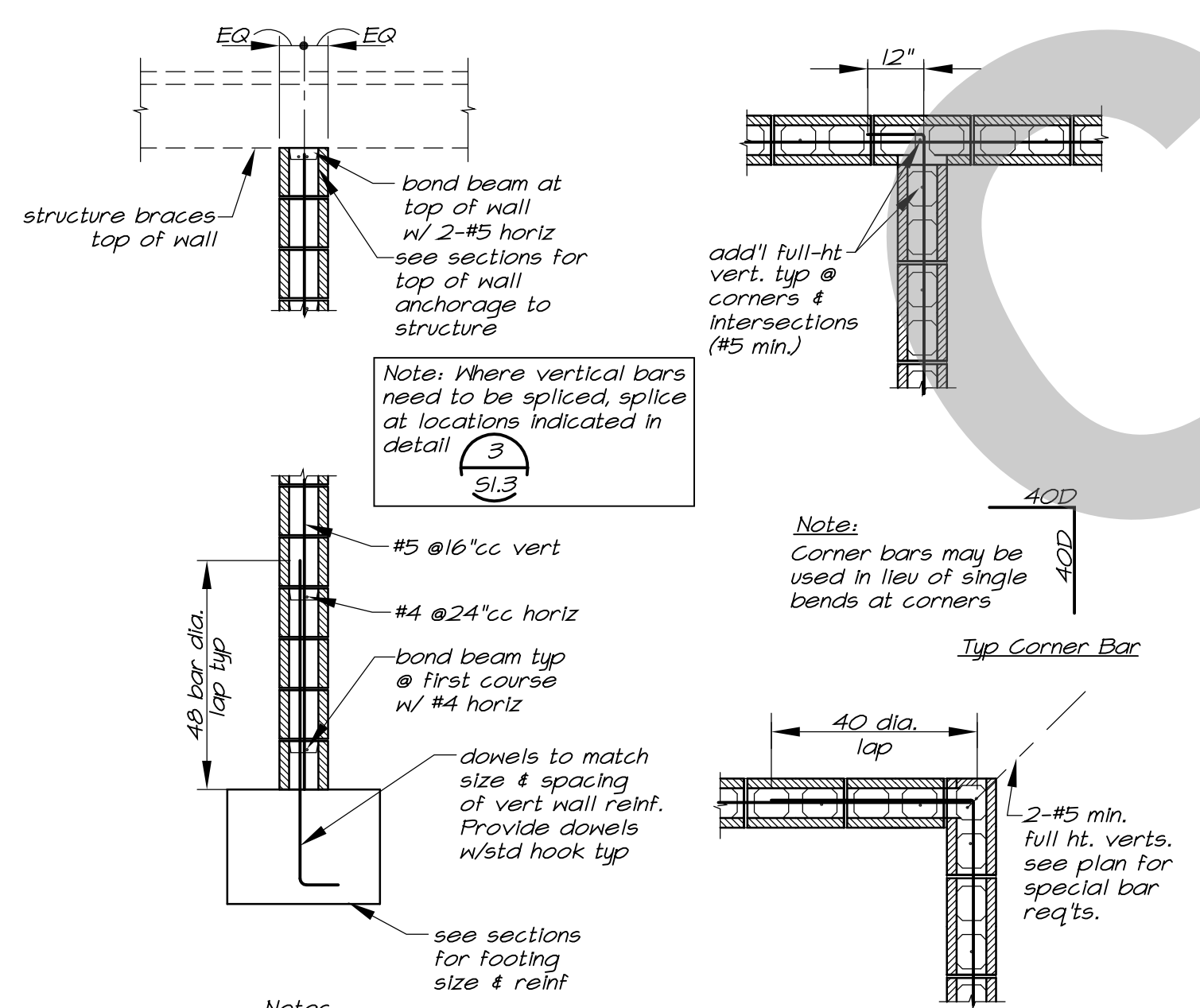
5 Control Joint Spacing
S1.3 1/8"=1'-0"



6 Typical Masonry Wall Control Joint
S1.3 3/8"=1'-0"

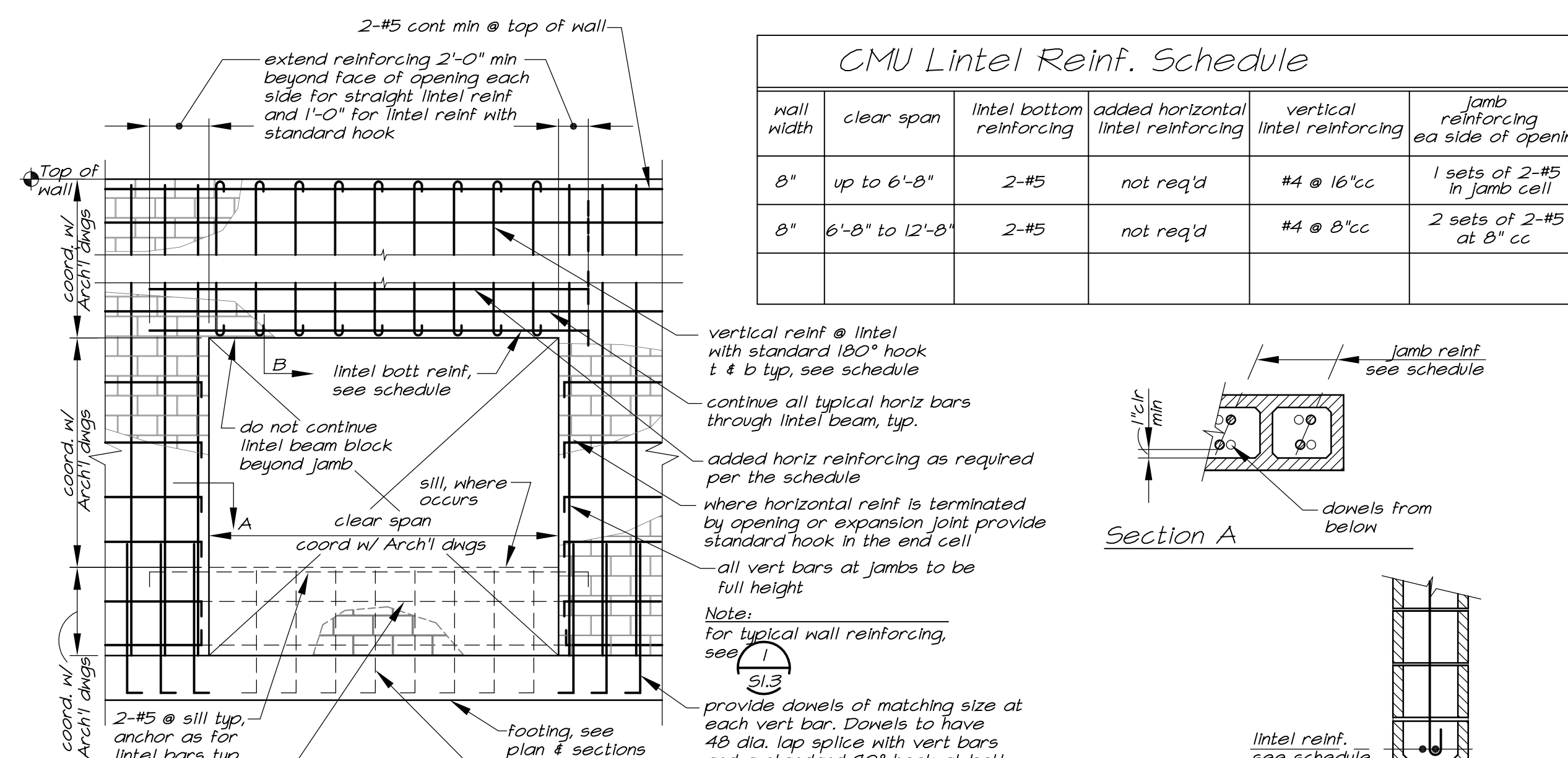


7 Typical Small Opening in Masonry Wall
S1.3 3/8"=1'-0"



1 Typical 8" Block Wall Reinforcing
S1.3 1/2"=1'-0"

3 Typical Block Wall & Pilaster Reinforcing Splices
S1.3 1/2"=1'-0"



4 Wall Opening Reinforcing
S1.3 1/4"=1'-0"

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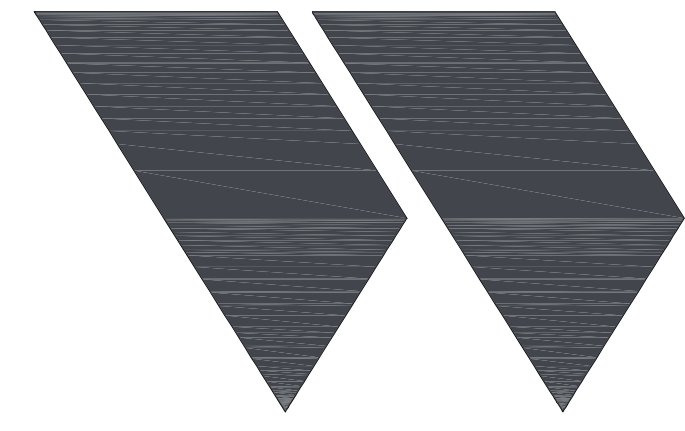
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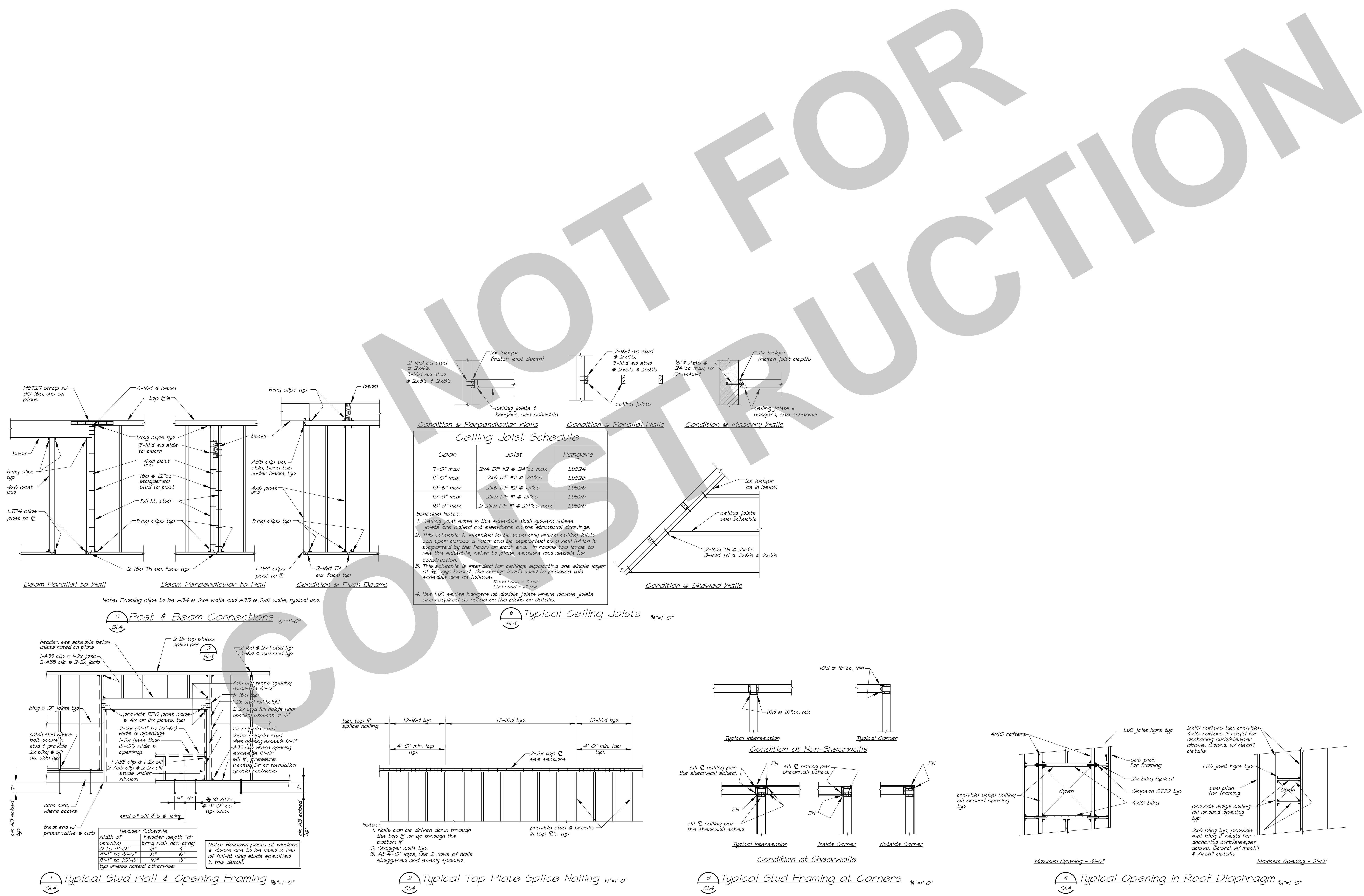
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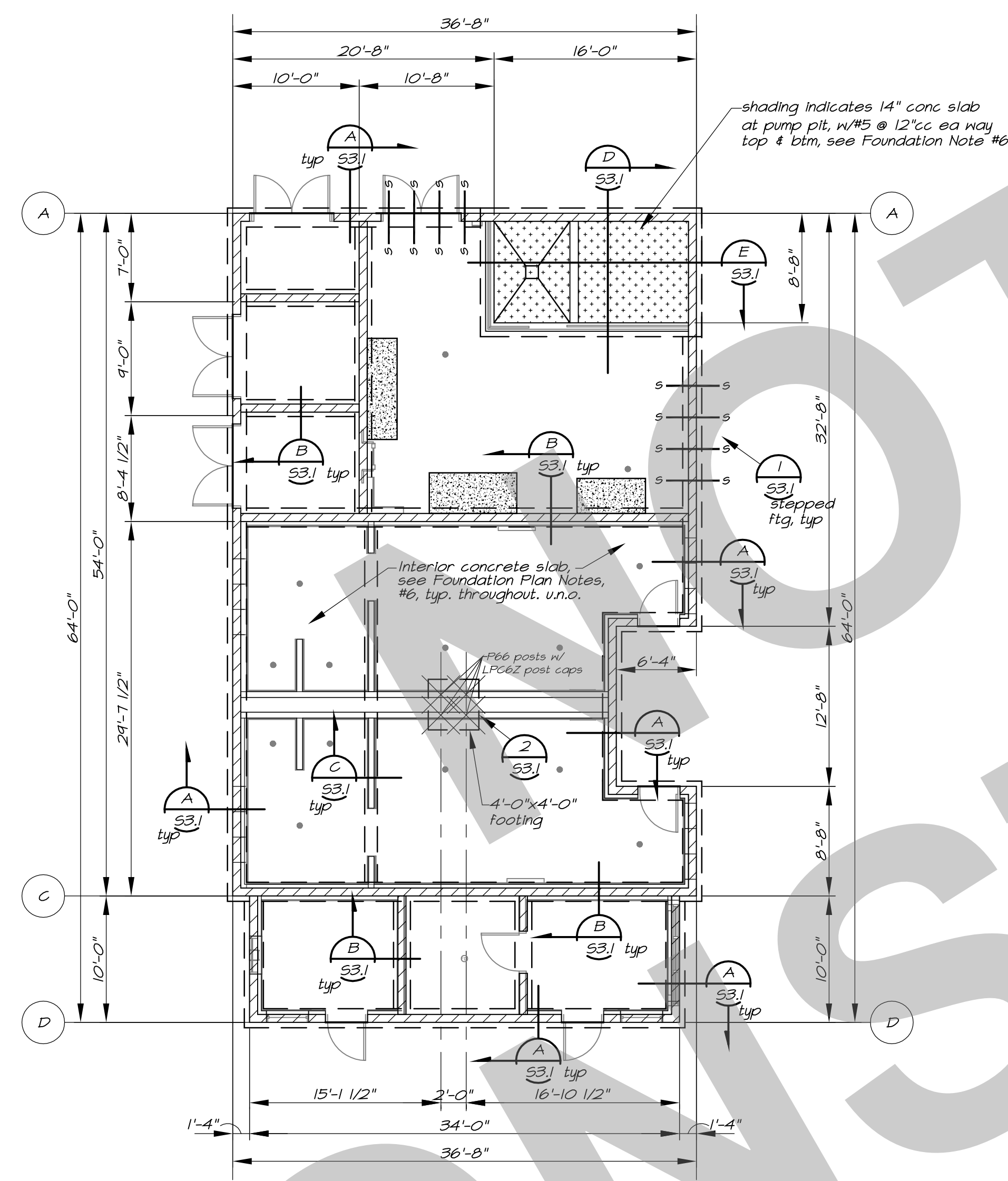
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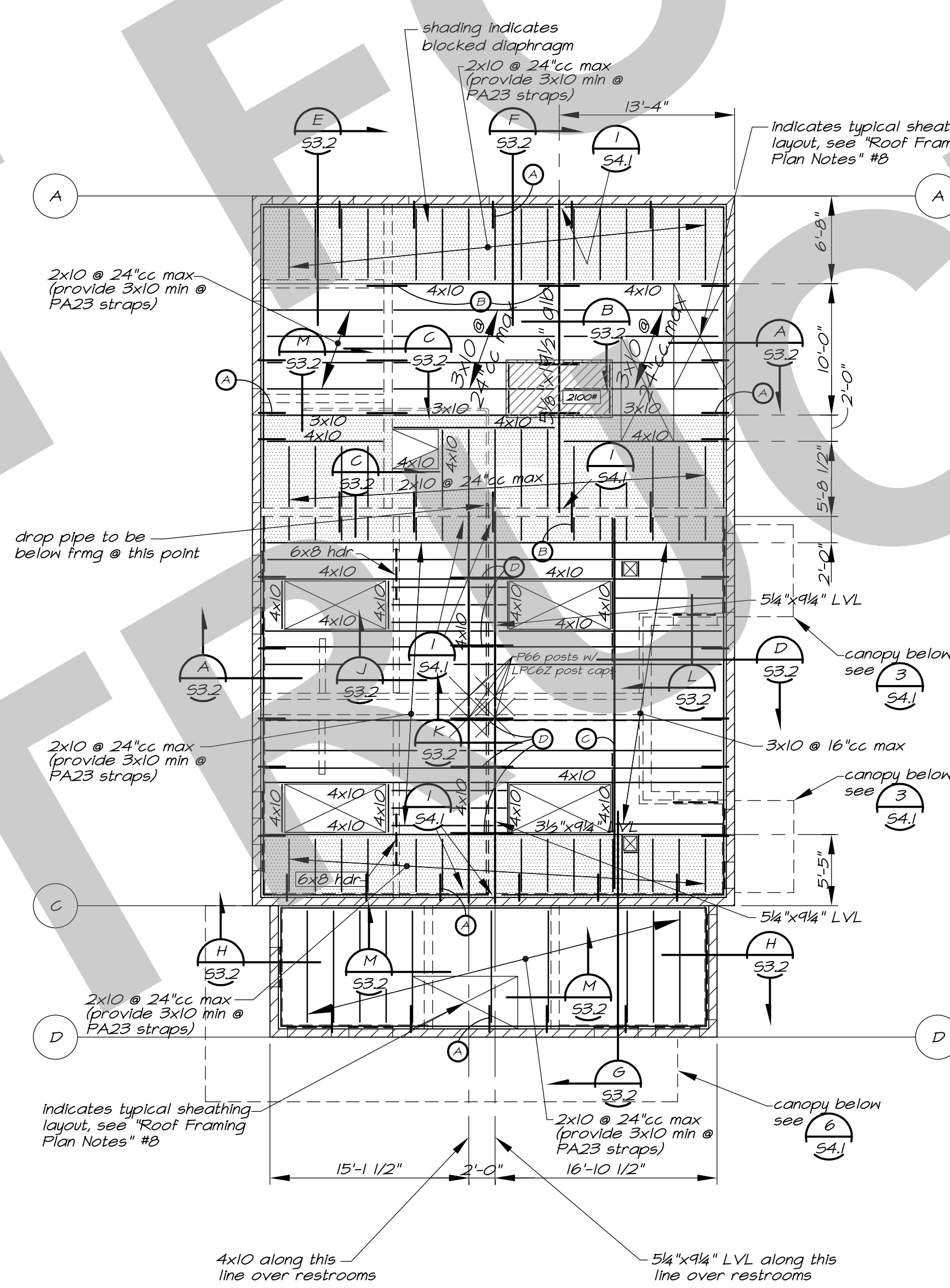
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Checked: JMM
Project Number: 22009
Drawing Number: S1.4



NOT FOR CONSTRUCTION



Foundation Plan
1/8"=1'-0"
North



Roof Framing Plan
1/8"=1'-0"
North

MK	Connection	Detail	Notes
⊙	PA23 Strap @ 6'-0"cc max w/ (16)-0.148"x3" nails	see sections	Install strap on top of roof sh't'g from CMU wall to 3x10 min u.n.o.
⊙	LSTA36 strap @ 6'-0"cc max w/ (24)-0.148"x3" nails center strap @ 4' CMU wall or tm	---	Install strap on top of roof sh't'g from rafter-to-rafter across CMU walls or tms, typical. Straps shall be aligned across building & PA23 strap on same rafter line.
⊙	C5HP20 x 28'-8" strap w/ 2 rows 0.131"x2 1/2" nails @ 18"cc, (fill all holes)	---	Install strap on top of roof sh't'g 2x10 blkg u.n.o.
⊙	C516x4'-4" strap @ 6'-0"cc max w/ (20)-0.148"x3" nails ea end	---	Install strap on top of roof sh't'g from rafter-to-rafter across beams typical. Straps shall be aligned across building & PA23 strap on same rafter line.

Roof Framing Plan Notes:

- Coordinate all dimensions with architectural drawings. Notify Architect of any discrepancies for resolution prior to proceeding.
 - ⊙ Indicates collector/strap tie connections. See schedule (1/21)
 - See sheet S11 thru S14 for typical notes and details. These notes and details apply to all construction unless noted or detailed otherwise.
 - Posts and columns:
 - AJ ⊗ Indicates wood posts typical u.n.o. See plan for sizes.
- DJ Unless noted otherwise, support all 4x beams on 4x6 posts and all 6x and 5 1/2" x beams on 6x6 posts.
- EJ Posts shall be of lumber grades as specified on sheet S11 unless noted otherwise on the plans or in the schedule above.
- FJ Wood Post & Steel Column Schedule:
- | Mark | Post Size | Mark | Column Size |
|------|-----------|------|-------------|
| no | 6x6 | | |
- Provide 2 rows of sheathing edge nailing at all members/Lines designated as "collector".
 - If not detailed otherwise, provide post and beam connections in walls per otherwise provide all posts with PC2/EPC2 post caps.
 - Typical roof sheathing shall be 19/32" Structural I APA-rated sheathing (span rating=40/20). All panels shall have a minimum width of 24". Sheathing to be staggered as shown on the plan. Provide plyclips at mid-span of all unsupported edges. Nail sheathing with 12d nails @ 6"cc at edges and 12"cc at field except at shaded areas shown on plan. See below for nailing and blkg at shaded areas.
 - shading indicates extents of blocked diaphragm. Provide 2x4 blocking w/ (3)-led TN each end at all sheathing edges, nail sheathing with 12d nails @ 24"cc at boundaries, 4"cc at edges and 12"cc at field. Boundary nailing to occur at 4x rafters, at all 6x-lam/LVL beams, and at all ledgers, plates and blkg at walls.
 - At wood framed roof areas, at misc. small openings that occur between framing members, provide framing at opening per (1/21)
 - Unless otherwise noted, where hangers are required, use hangers as follows:

Member	Hanger
10x sloped or skewed	sloped and/or skewed
2x10	LUS210
2-2x10	LUS210-2
3x10	HU410HU310
4x10	HU410HU410
5 1/2" x 6" LVL	HU410HU410
5 1/2" x 6" glb	MEUS25-SDS
 - Indicates mechanical units. Coordinate/verify locations with mechanical drawings typ. Provide 3x10 @ 24"cc max below ea mechanical unit w/ 4x6 blkg w/LUS46 blkn ea 3x10 @ perimeter of unit where not otherwise supported.

Foundation Plan Notes:

- Coordinate all dimensions with architectural drawings. Notify Architect of any discrepancies for resolution prior to proceeding.
- See sheet S11 thru S14 for typical notes and details. These notes and details apply to all construction unless noted or detailed otherwise.
- Posts and columns:
 - AJ ⊗ Indicates wood posts typical u.n.o. See plan for sizes.
- Unless noted otherwise, support all 4x beams on 4x6 posts and all 6x and 5 1/2" x beams on 6x6 posts.
- Posts shall be of lumber grades as specified on sheet S11 unless noted otherwise on the plans or in the schedule above.
- Wood Post & Steel Column Schedule:

Mark	Post Size	Mark	Column Size
no	6x6		
- All anchor bolts, holdown bolts, straps and other hardware embedded in concrete must be securely tied in place prior to foundation inspection.
- Dimensions shown are to face-of-stud (FS) unless noted otherwise. Dimensions to face-of-concrete (FC) for formwork purposes shall be coordinated with the structural sections and the architectural drawings.
- Construction of concrete floor slabs shall conform to the following:
 - A) Except at the pump pit, all concrete floor slabs shall be 5 inches thick and shall be reinforced with #4 bars at 18 inches on center each direction placed at mid-depth of the slab u.n.o.
 - B) Concrete floor slabs shall be moist cured for a minimum of 3 days unless specified for a longer period of time in the Specifications.
 - C) Floor slabs shall be cast directly onto a 10 mil vapor retarder. The vapor retarder should be properly lapped and sealed as well as sealed around all plumbing lines, conduits, and other openings. ASTM E1643 should be utilized as a guideline for the installation of the vapor retarder. The vapor retarder shall conform to Class A vapor retarder in accordance with ASTM E 1745.
 - D) The vapor barrier shall be placed directly over a 4" thick capillary break consisting of free-draining clean crushed rock uniformly graded. Crushed rock shall have 100% passing the 1" sieve and no appreciable amount passing the #4 sieve.
 - E) Subgrade soils shall be prepared in strict accordance with the Geotechnical Report.
 - F) All floor slabs shall bear on 18" minimum of engineered fill per the Geotechnical Report.
 - G) Provide slab joints in all slabs per (10/21)
- Site work and pad preparation to be done in strict accordance with the Specifications and Geotechnical Investigation Report.
- s — s indicates step in footing, see (1/21)
- All foundations shall bear on the same material, either undisturbed or recompacted native soil, engineered fill, or a combination of these materials.
- ⊠ Indicates raised concrete housekeeping pads. See (10/21)
- Coordinate/verify locations and extents w/ Arch'l drawings.
- CMU walls shall be as follows:

plan designation	wall nominal thickness	reinforcing detail
⊠	8"	(1/21)
- ⊠ Indicates sloped or depressed slab, coord. locations & extents w/ Arch'l drawings. At sloped/depressed slabs, specified slab thickness as well as underlayment thickness shall be maintained.
- For typical pipe/conduit penetrations through footings, see (2/21)

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Foundation and Roof Framing Plans

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Project Number: 22009
Drawing Number: S2.1

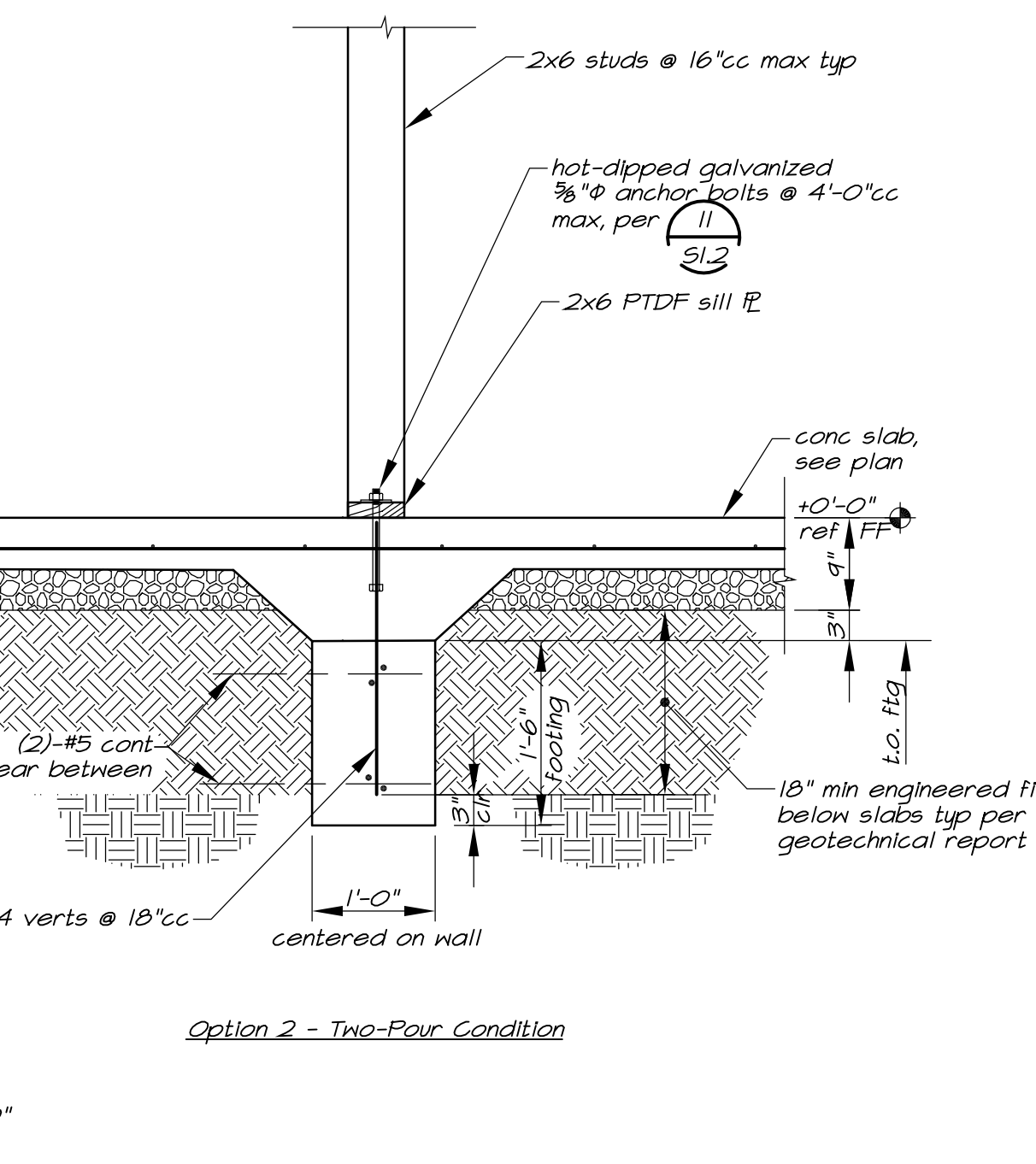
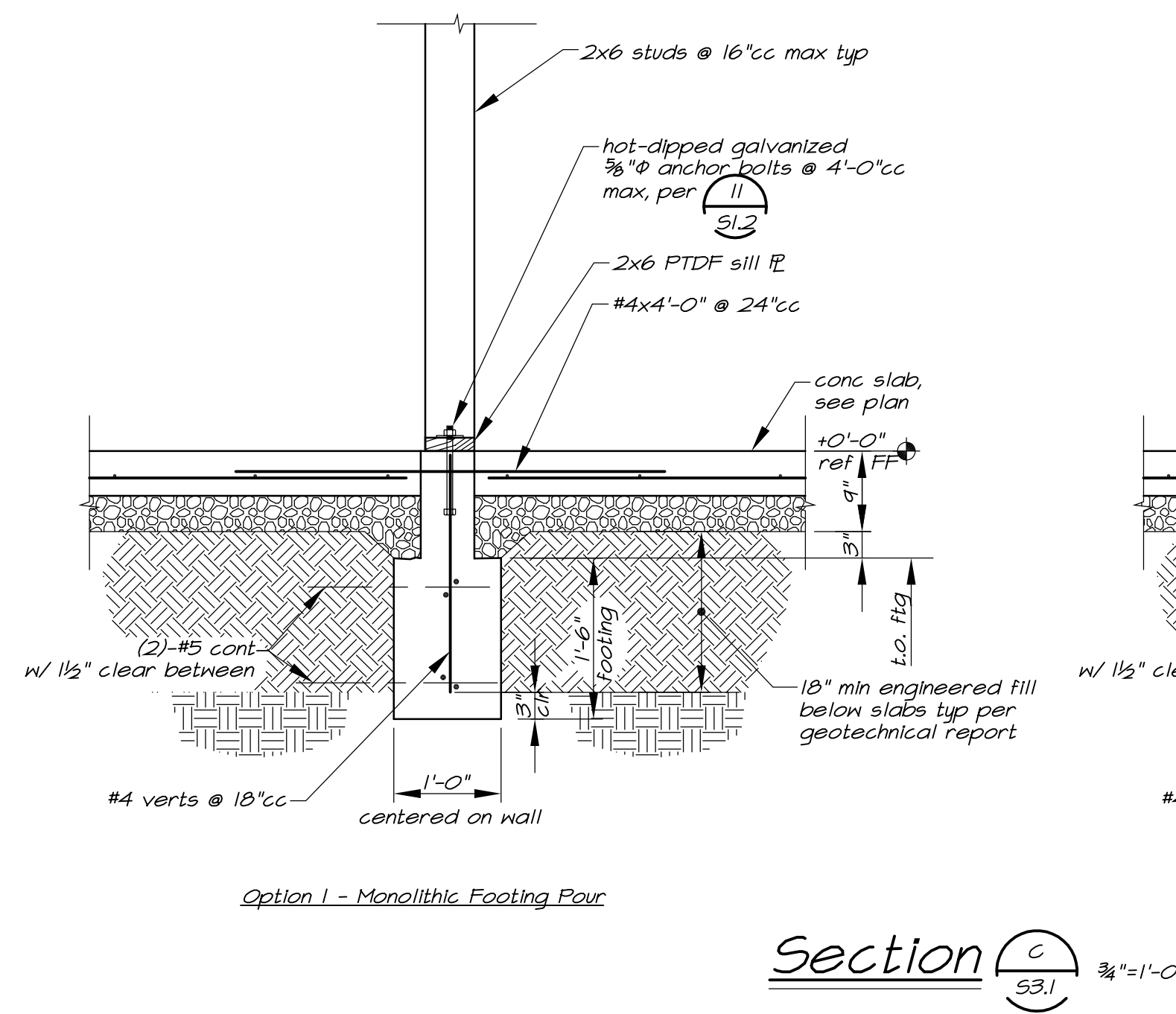
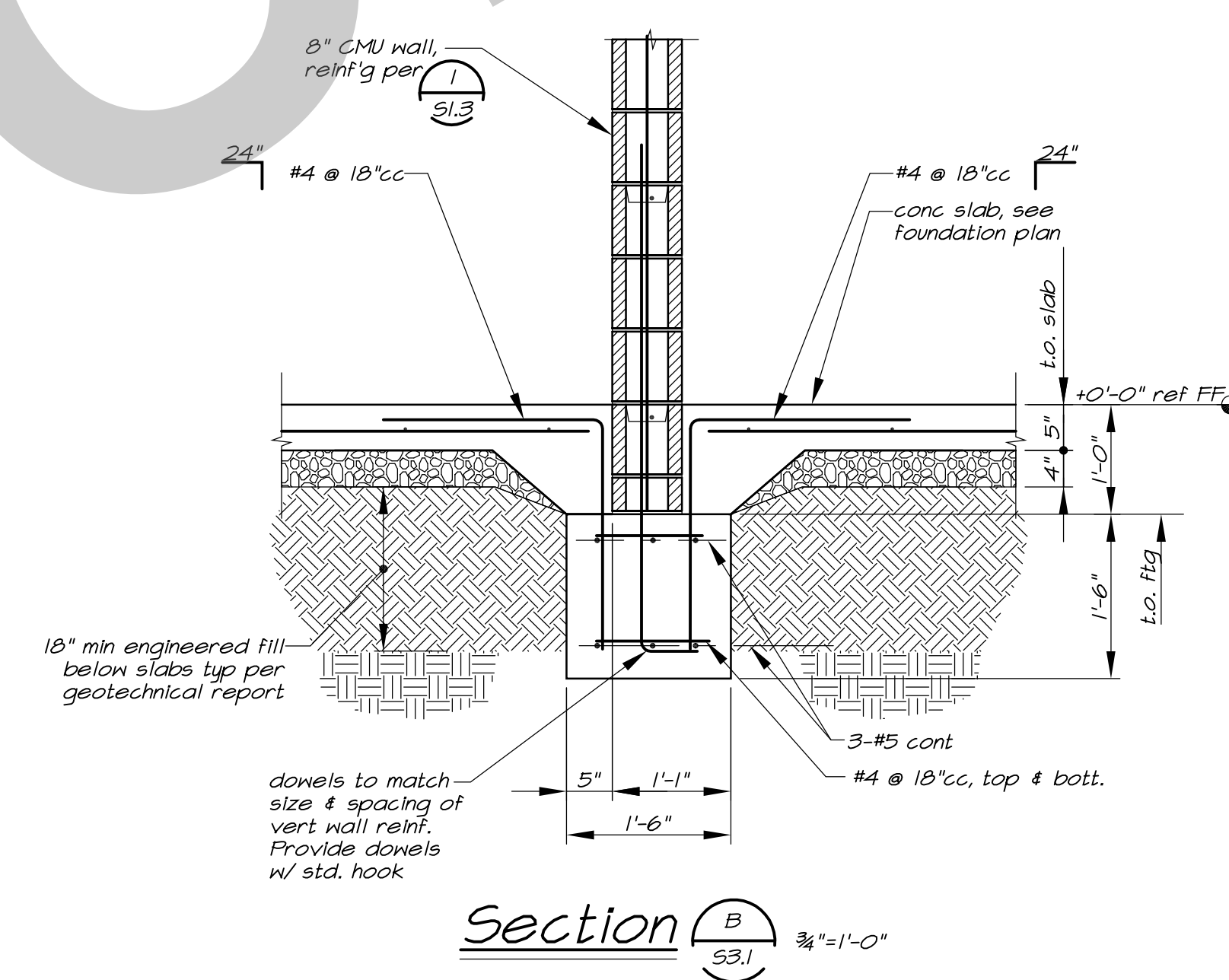
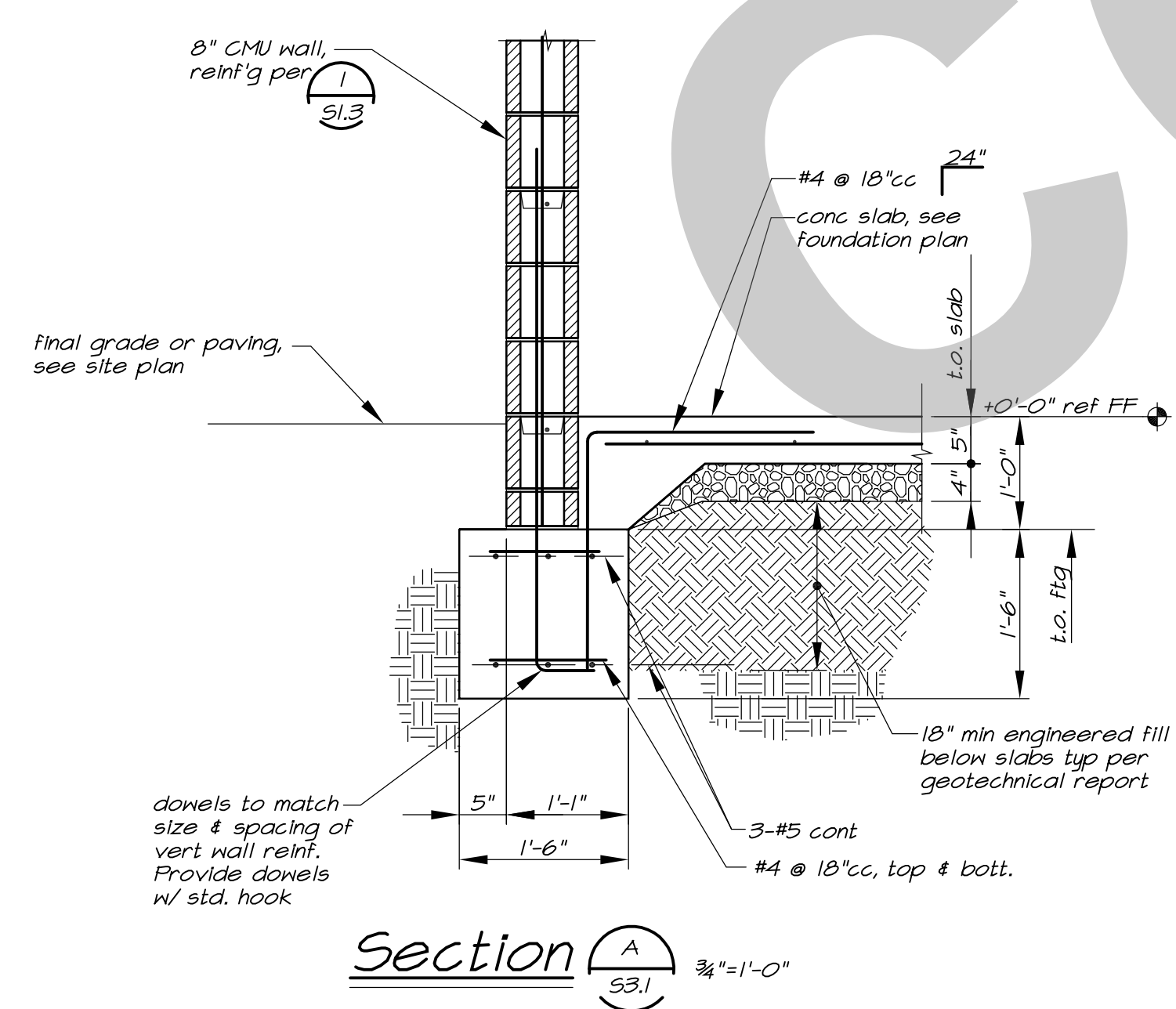
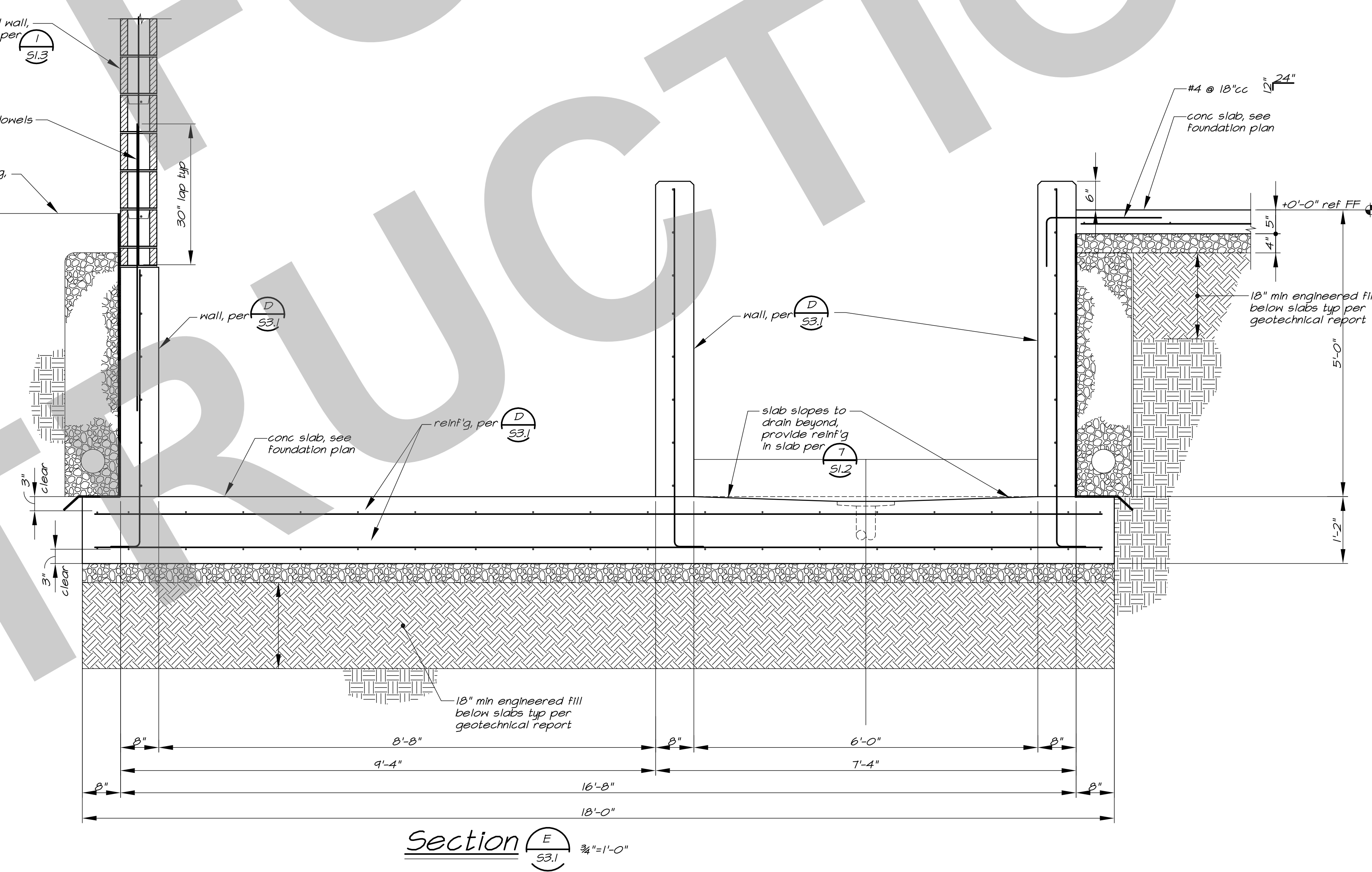
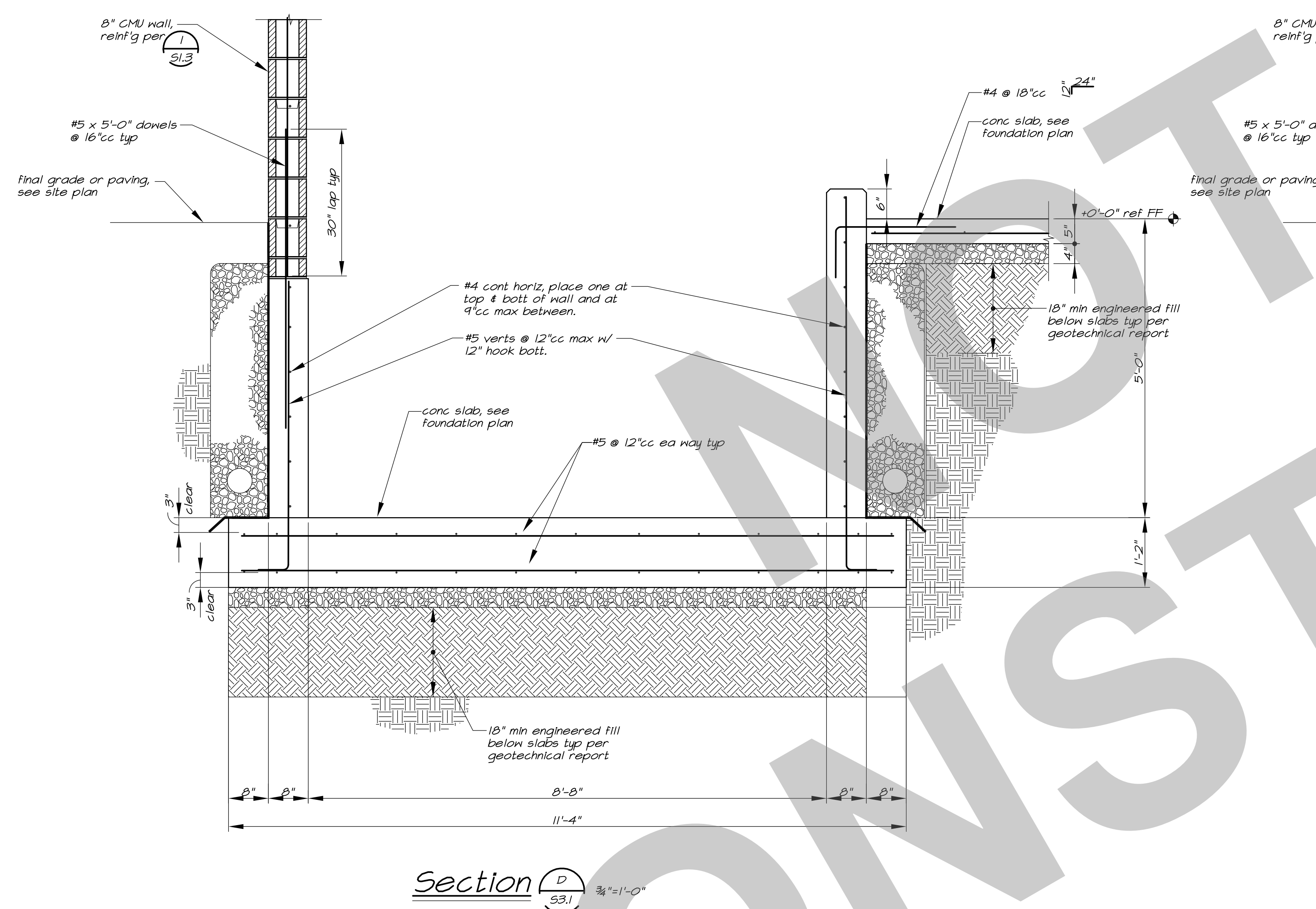
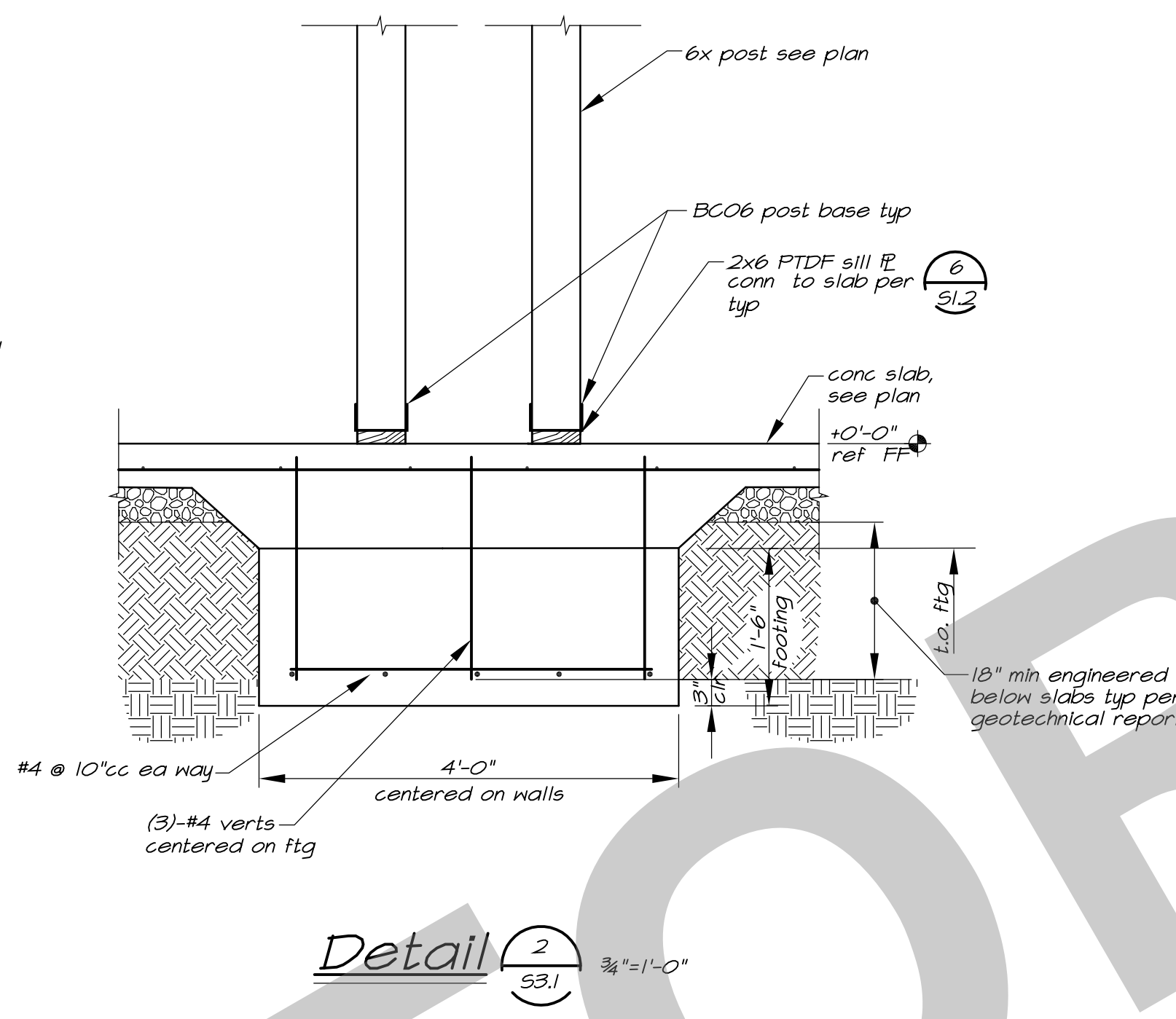
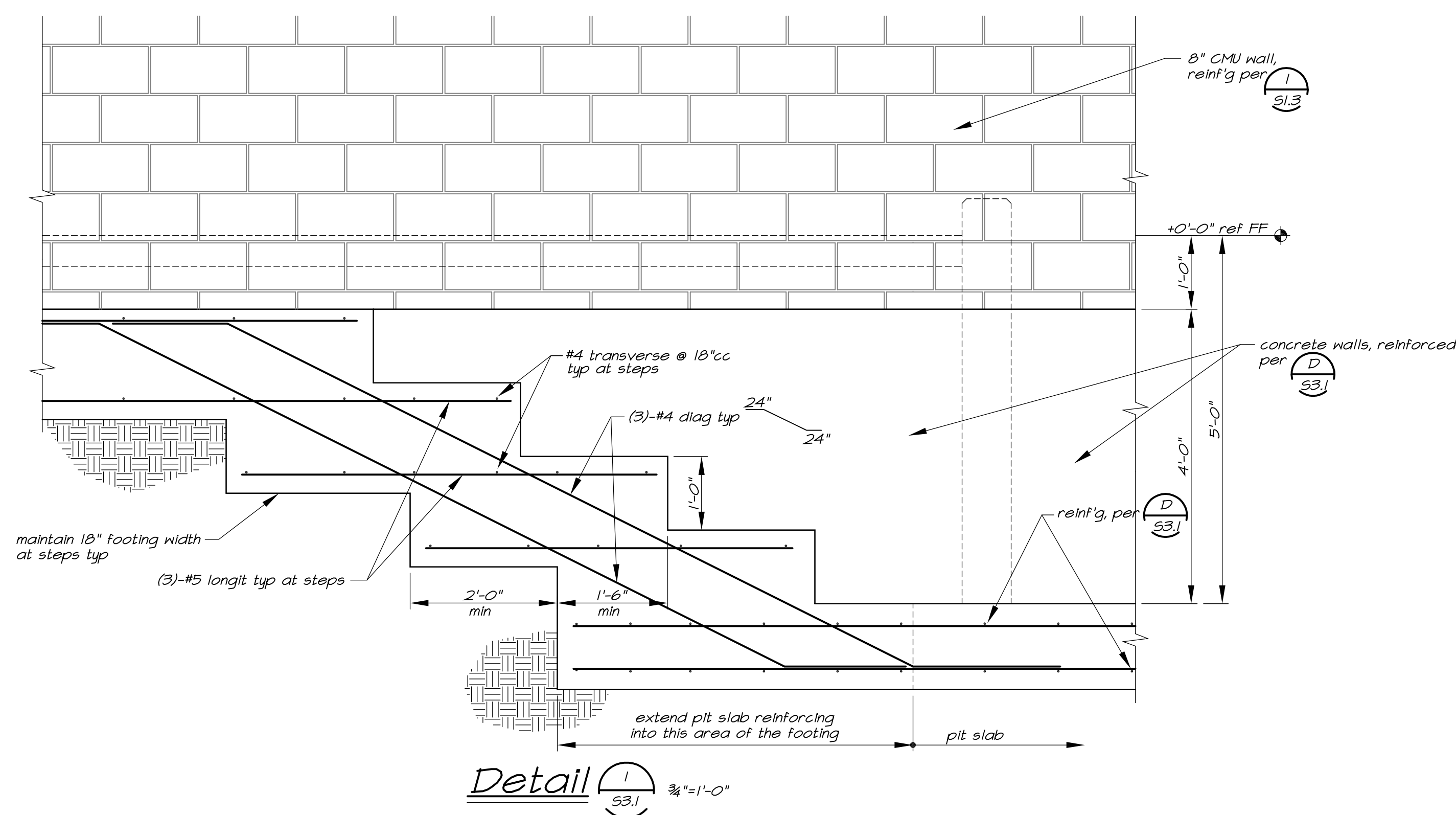
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- DRAWING STATUS
- DSA PLAN CHECK
 - DSA BACK CHECK
 - BIDDING
 - CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

CONSTRUCTION DOCUMENTS
AQUATIC FACILITIES
RENOVATION &
REPLACEMENT
VICTORY PARK POOL CITY
PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

Sections

Date: 07/16/2023
Scale: AS NOTED
Drawn: GSL
Checked: JMM

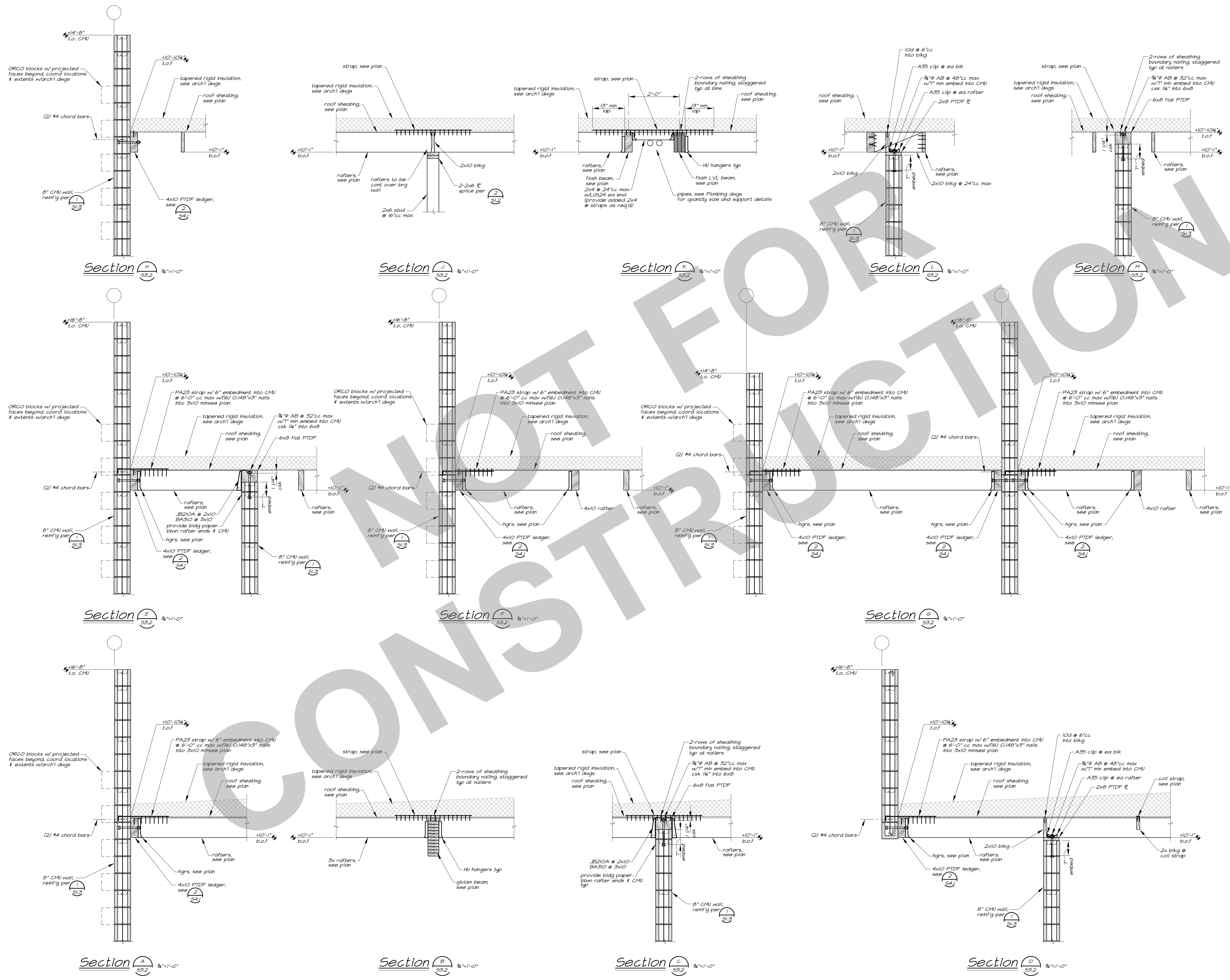
Project Number: 22009
Drawing Number: S3.1

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NO.	REMARKS	DATE

- DRAWING STATUS
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 - DSA BACK CHECK
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KEY PLAN

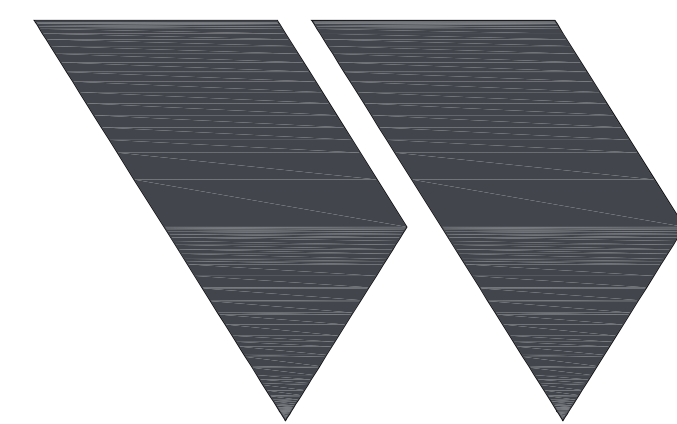
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CONSTRUCTION DOCUMENTS
AQUATIC FACILITIES
RENOVATION &
REPLACEMENT-
VICTORY PARK POOL CITY
PROJECT NO. CR18020
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Sections

Date	07/16/2023	Project Number	22009
Scale	AS NOTED	Drawing Number	S3.2
Drawn	GSL	Checked	JMM

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NO.	REMARKS	DATE

REVISION HISTORY	DATE

KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

CONSTRUCTION DOCUMENTS

AQUATIC FACILITIES
RENOVATION &
REPLACEMENT
VICTORY PARK POOL CITY
PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

Details

Date

07/16/2023

Scale

AS NOTED

Drawn

GSL

Project Number

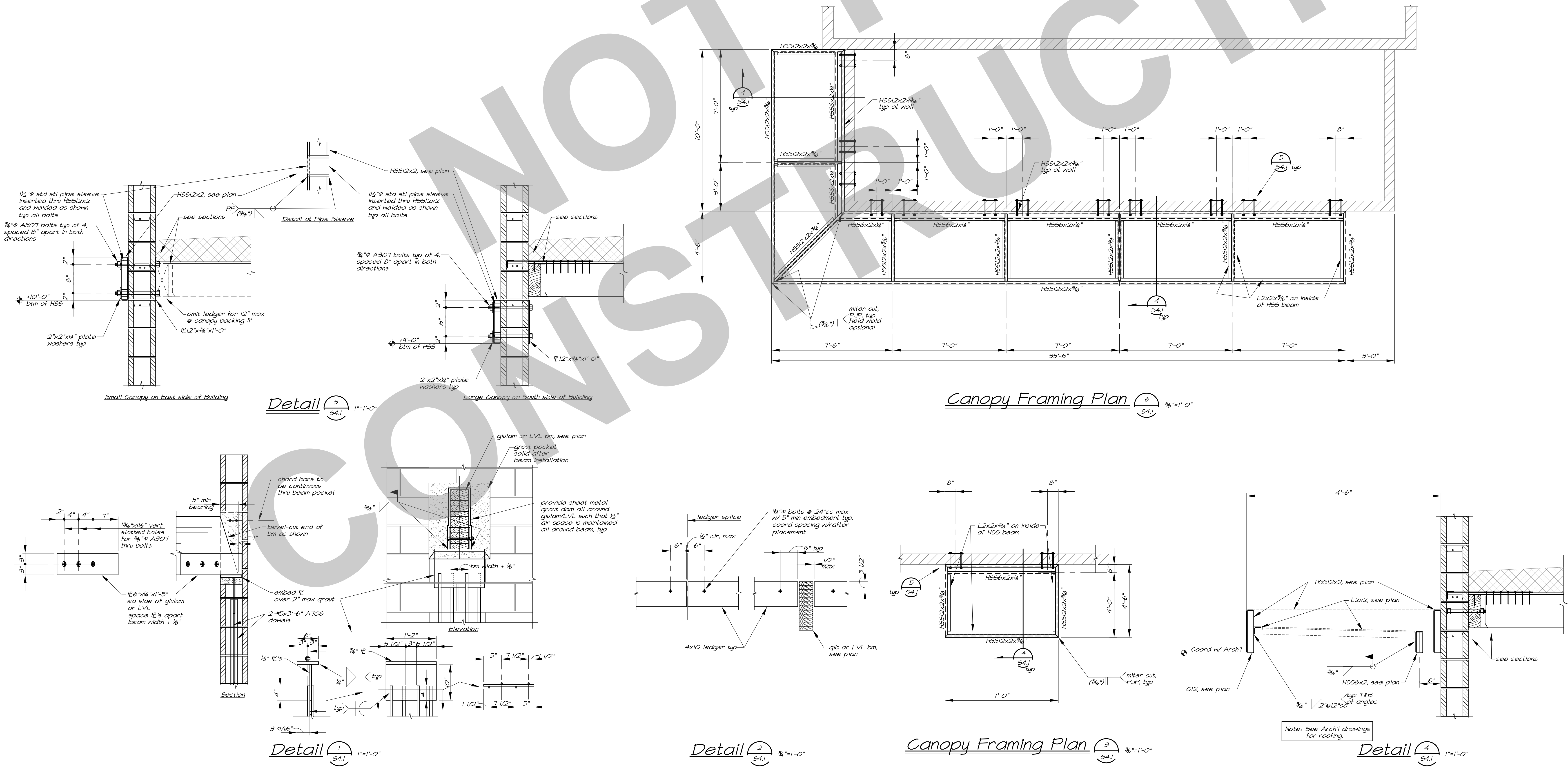
22009

Drawing Number

S4.1

Checked

JMM



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Roseville, CA 95678
p 916-771-0778
www.lpengines.com
Job #: 22-2007

AIR DISTRIBUTION SCHEDULE		
SYMBOL	TYPE	DESCRIPTION
C	CEILING SUPPLY	STEEL LOUVERED FACE DIFFUSER WITH FRAME FOR SURFACE MOUNTING. TITUS MODEL MCD. REFER TO THE MECHANICAL PLANS FOR NECK SIZE, CFM, AIR DIFFUSION PATTERN, AND FIRE DAMPER (IF REQUIRED).
E	CEILING EXHAUST	ESGORATE GRILLE WITH 12"X12"X1/2" GRID. FRAME FOR SURFACE MOUNTING. TITUS MODEL MCR. REFER TO THE MECHANICAL PLANS FOR NECK SIZE, CFM, AIR DIFFUSION PATTERN, AND FIRE DAMPER (IF REQUIRED).
L	WALL LOUVER	DRAINABLE STATIONARY EXTRUDED ALUMINUM LOUVER, WITH INTEGRAL FLANGE, SAFEFREE AREA, BRD SCREEN, WELDED CONSTRUCTION. FINISH BY ARCHITECT. RUSKIN MODEL #ELF375DXH. REFER TO THE MECHANICAL PLANS FOR NECK SIZE, CFM, AIR DIFFUSION PATTERN, AND FIRE DAMPER (IF REQUIRED).

MECHANICAL SPECIFICATIONS	
1.	THIS CONTRACTOR SHALL COMPLY WITH ALL CODES AND REGULATIONS IN EFFECT AT THE JOB SITE, INCLUDING, BUT NOT LIMITED TO: A. 2022 CALIFORNIA BUILDING CODE B. 2022 CALIFORNIA MECHANICAL CODE C. 2022 CALIFORNIA PLUMBING CODE D. 2022 CALIFORNIA ELECTRICAL CODE E. 2022 CALIFORNIA GREEN BUILDING STANDARDS F. 2022 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS - TITLE 24 G. NATIONAL FIRE PROTECTION ASSOCIATION H. CALIFORNIA STATE FIRE MARSHAL
2.	THE INSTALLATION OF DUCT SMOKE DETECTORS FOR AUTOMATIC SHUTDOWN OF AIR MOVING SYSTEMS AS REQUIRED BY CMC SECTION 608 OR AS REQUIRED FOR THE OPERATION OF FIRE SMOKE DAMPERS SHALL COMPLY WITH THE REQUIREMENTS OF THE LOCAL FIRE DEPARTMENT'S STANDARD FIRE PROTECTION DESIGN GUIDELINES FOR SMOKE CONTROL, WITHIN BUILDINGS. DUCT SMOKE DETECTORS SHALL BE SUPERVISED BY FIRE DETECTION OR ALARM SYSTEMS WHEN PROVIDED FOR THE BUILDING IN ACCORDANCE WITH CMC 608.11 ETC. AND LCPA 72 17.7.4. WHERE AIR DUCT SMOKE DETECTORS SERVING AIR MOVING SYSTEMS ARE INSTALLED WITHIN CONCEALED SPACES AND/OR DROP CEILING AREAS, THE DETECTOR SHALL BE PROVIDED WITH THE UNIT SERVED. SAID REMOTE ALARM LED DEVICE SHALL BE LABELED TO CLEARLY IDENTIFY THE UNIT SERVED (AC-1, ETC.). WHERE AIR DUCT SMOKE DETECTORS SERVING AIR MOVING SYSTEMS ARE INSTALLED IN CONCEALED SPACES AND/OR DROP CEILING AREAS MORE THAN 10 FEET ABOVE THE FINISHED FLOOR, THE DETECTOR SHALL BE PROVIDED WITH A REMOTE TEST AND RESET SWITCH. SAID REMOTE TEST AND RESET SWITCH SHALL BE ATTACHED TO AN ADJACENT WALL OR STRUCTURAL COLUMN AT A MAXIMUM HEIGHT OF 8 FEET ABOVE FINISHED FLOOR. PRIOR TO MECHANICAL PERMIT FINAL, A SMOKE DETECTOR SHUT-OFF TEST WILL BE REQUIRED.

MECHANICAL LEGEND		
SYMBOL	ITEM	ABBR.
	SUPPLY AIR	SA
	RETURN AIR	RA
	EXHAUST AIR	EA
	OUTSIDE AIR	OSA
	TRANSFER AIR	TA
	DETAIL DESIGNATION DETAIL NUMBER SHEET NO. WHERE SHOWN	
	EQUIPMENT DESIGNATION UNIT ABBREVIATION NUMBER	
	GRILLE DESIGNATION NECK SIZE CFM (CRD) / (FD)	
	ACOUSTIC LINED DUCT	L
	TURNING VANES	TV
	DUCT FLEXIBLE CONNECTION	
	DUCT RISER	
	DUCT DROP	
	RECTANGULAR TO ROUND FITTING	
	VOLUME CONTROL DAMPER	VD
	FIRE DAMPER W/ ACCESS	FD
	FIRE SMOKE DAMPER W/ ACCESS	FSD
	CEILING RADIATION DAMPER	CRD
	OPPOSED BLADE DAMPER	OSD
	BACKDRAFT DAMPER	BDD
	MOTORIZED DAMPER	
	THERMOSTAT @ 48°F AFF (MAX.) (TOP OF BOX)	T-STAT
	SENSOR @ 48°F AFF	
	STATIC PRESSURE SENSOR @ 48°F AFF	
	CARBON MONOXIDE SENSOR @ 48°F AFF	
	CARBON DIOXIDE SENSOR @ 48°F AFF	
	TIMECLOCK @ 48°F AFF	
	TEMPERATURE CONTROL PANEL	TCP
	DUCT SMOKE DETECTOR	SD
	PIPE RISER / DROP	(R) / (D)
	FROM ABOVE	(FA)
	FROM BELOW	(FB)
	TO ABOVE	(TA)
	TO BELOW	(TB)
	ABOVE FINISHED FLOOR	AFF
	UNLESS OTHERWISE NOTED	UNON
	TYPICAL	(TYP)
	BOTTOM OF DUCT	BOD
	UNDERCUT DOOR 3/4"	UCD
	NEW	(N)
	EXISTING	(E)
	POINT OF DISCONNECTION	PODISC
	REFRIGERANT LIQUID	RL
	REFRIGERANT SUCTION	RS

EXHAUST FAN SCHEDULE																			
TYPE	MARK	FAN TYPE	MOUNTING	ELECTRICAL				FAN					CONTROL	OPERATING WEIGHT	MANUFACTURER	MODEL	NOTES		
				VOLTAGE	PHASE	FLA	MCA	MOP	HP	DRIVE	FAN RPM	CFM						E.S.P. (IN. W.C.)	SONES
EF	1	CENTRIFUGAL	WALL	115	1	0.0	0	0	0.33	DIRECT	1,750	870	-	-	CONTINUOUS	40 lb	HARRINGTON	HPC-0801	FAN AIR INTAKE TO BE MIN 2" OR SMALLER FROM WALL TO PREVENT ACCESS TO FAN BLADES. SEPARATE FROM HEATER INTAKE. PROVIDE MANUFACTURER'S MOUNTING BRACKET.
EF	2	CENTRIFUGAL	WALL	115	1	0.0	0	0	0.33	DIRECT	1,750	870	-	-	CONTINUOUS	40 lb	HARRINGTON	HPC-0801	FAN AIR INTAKE TO BE MIN 2" OR SMALLER FROM WALL TO PREVENT ACCESS TO FAN BLADES. SEPARATE FROM HEATER INTAKE. PROVIDE MANUFACTURER'S MOUNTING BRACKET.
REF	1	CENTRIFUGAL	ROOF	115	1	2.9	4	15	0.25	DIRECT	1,189	600	0.4	7.4	CONTINUOUS	75 lb	GREENHECK	G-099-VG	PROVIDE BACKDRAFT DAMPER, FACTORY ROOF CURB, FACTORY PREWIRED DISCONNECT SWITCH.
REF	2	CENTRIFUGAL	ROOF	115	1	2.9	4	15	0.25	DIRECT	1,287	700	0.4	8.3	INTERLOCK W/ MAU-1	75 lb	GREENHECK	G-099-VG	PROVIDE BACKDRAFT DAMPER, FACTORY ROOF CURB, FACTORY PREWIRED DISCONNECT SWITCH.
REF	3	CENTRIFUGAL	ROOF	115	1	2.9	4	15	0.25	DIRECT	1,287	700	0.4	8.3	INTERLOCK W/ MAU-1	75 lb	GREENHECK	G-099-VG	PROVIDE BACKDRAFT DAMPER, FACTORY ROOF CURB, FACTORY PREWIRED DISCONNECT SWITCH.

FAN COIL UNIT SCHEDULE																							
TYPE	MARK	FAN TYPE	NOMINAL TONS	DUCT CONFIG	ELECTRICAL				SUPPLY FAN				COOLING		HEATING		FILTER TYPE	OPERATING WEIGHT	MANUFACTURER	MODEL	NOTES		
					VOLTAGE	PHASE	MCA	DRIVE/SPEEDS	CFM	ESP (IN. W.C.)	OUTSIDE AIR (CFM)	TYPE	TOTAL COOLING CAPACITY	SENSIBLE COOLING CAPACITY	E.A. DBWB (°F)	TYPE						CAPACITY AT 77°F (BTUH)	CAPACITY AT 47°F (BTUH)
FC	1	SUSPENDED	0.75	CEILING CASSETTE	208	1	0.2	DIRECT / 3	320	0.2	15	DX	9,000 Btu/h	6,750 Btu/h	95 / 75	HEAT PUMP	6,100	10,000	MERV 13	50	CARRIER	40MBC009	INDOOR UNIT POWERED BY OUTDOOR UNIT. ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT SWITCH. PROVIDE CONDENSATE OVERFLOW SWITCH.
FC	3	SUSPENDED	0.75	CEILING CASSETTE	208	1	0.2	DIRECT / 3	320	0.2	15	DX	9,000 Btu/h	6,750 Btu/h	95 / 75	HEAT PUMP	6,100	10,000	MERV 13	50	CARRIER	40MBC009	INDOOR UNIT POWERED BY OUTDOOR UNIT. ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT SWITCH. PROVIDE CONDENSATE OVERFLOW SWITCH.
FC	2	SUSPENDED	0.75	CEILING CASSETTE	208	1	0.2	DIRECT / 3	320	0.2	15	DX	9,000 Btu/h	6,750 Btu/h	95 / 75	HEAT PUMP	6,100	10,000	MERV 13	50	CARRIER	40MBC009	INDOOR UNIT POWERED BY OUTDOOR UNIT. ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT SWITCH. PROVIDE CONDENSATE OVERFLOW SWITCH.

SPLIT HEAT PUMP SCHEDULE																			
TYPE	MARK	ELECTRICAL				SEER / EER	COP	HSPF	COOLING CAPACITY	HEATING CAPACITY	SUMMER AMBIENT DBWB TEMP (°F)	WINTER AMBIENT DB TEMP (°F)	REFRIGERANT TYPE	REFRIG. LINE SIZE (LIQ/SUC)	SERVICE	OPERATING WEIGHT	MANUFACTURER	MODEL	NOTES
		VOLTAGE	PHASE	MCA	MOP														
HP	1	208	1	15	15	20.5 / 13	2.93	10.8	9,000 Btu/h	10,000 Btu/h	95 / 75	47	R410A	1/4 / 3/8	SEE PLAN	125	CARRIER	38MARBQ9AA3	ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT SWITCH.
HP	2	208	1	15	15	20.5 / 13	2.93	10.8	9,000 Btu/h	10,000 Btu/h	95 / 75	47	R410A	1/4 / 3/8	SEE PLAN	125	CARRIER	38MARBQ9AA3	ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT SWITCH.
HP	3	208	1	15	15	20.5 / 13	2.93	10.8	9,000 Btu/h	10,000 Btu/h	95 / 75	47	R410A	1/4 / 3/8	SEE PLAN	125	CARRIER	38MARBQ9AA3	ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT SWITCH.

MAKEUP AIR SCHEDULE																														
TYPE	MARK	NOMINAL TONS	DUCT CONFIG	ELECTRICAL				SUPPLY FAN				COOLING					HEATING				FILTER TYPE	OPERATING WEIGHT	MANUFACTURER	MODEL	NOTES					
				VOLTAGE	PHASE	RLA	MCA	MOP	DESIGN BHP	DRIVE / SPEEDS	SUPPLY AIR CFM	E.S.P. (IN. W.C.)	MIN. OSA CFM	TYPE	SEER	TOTAL COOLING CAPACITY	SENSIBLE COOLING CAPACITY	E.A. DB (°F)	E.A. WB (°F)	AMBIENT TEMP (°F)						TYPE	HEATING CAPACITY AT 77°F (BTUH)	CAPACITY AT 47°F (BTUH)	ELEC HEAT (KW)	AMBIENT TEMP (°F)
MAU	1	4	HORIZONTAL	208	3	52.2	57	70	2	DIRECT	1,000	1.2	1000	DX	11.8	49,500 Btu/h	49,500 Btu/h	105	71	105	ELEC	24,000	48,000	16	26	MERV 13	1,600	CARRIER / AIRE	UPC-F02H44012 M00	SEE ELECTRICAL DRAWINGS FOR UNIT DISCONNECT SWITCH. PROVIDE UNITS WITH: DIGITAL SCROLL COMPRESSOR ON PRIMARY CIRCUIT. AIR COOLED VARIABLE SPEED HEAD PRESSURE CONTROL. 2" INCH DOUBLE WALL CONSTRUCTION. SUPPLY FAN TO OPERATE DURING OCCUPIED HOURS. LOW AMBIENT KIT. CRAMM CASE HEATER. HINGED ACCESS DOORS. LOUVERED CONDENSER COIL. HAL GUARDS. AND ANTI-SHORT CYCLE COMPRESSOR DELAY TIMER. PROVIDE MERV 13 FILTERS. PROVIDE MICROMETL 14" HIGH ROOF CURB. PROVIDE TITLE 24 COMPLIANT 7 DAY TOUCHSCREEN PROGRAMMABLE THERMOSTAT WITH FAULT DETECTION & DIAGNOSTICS FOR ECONOMIZERS WHERE APPLICABLE. PROVIDE INSULATED SUBBASE WHERE THERMOSTATS ARE LOCATED TO EXTERIOR WALLS. PROVIDE LOCKABLE THERMOSTAT COVER WHERE THERMOSTATS ARE ACCESSIBLE TO PUBLIC.

MECHANICAL SHEET INDEX	
SHEET NUMBER	SHEET NAME
M0.1	MECHANICAL LEGEND, SCHEDULES, AND NOTES
M0.2	MECHANICAL DETAILS
M0.3	MECHANICAL DETAILS
M0.7	MECHANICAL FLOOR & ROOF PLAN
M1.1	MECHANICAL ISOMETRICS

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NO.	REMARKS	DATE

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

KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

DESIGN DEVELOPMENT

AQUATIC FACILITIES
RENOVATION &
REPLACEMENT -
VICTORY PARK POOL CITY
PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

MECHANICAL LEGEND,
SCHEDULES, AND NOTES

Date	MM/DD/YYYY	22009	Project Number	22009
Application Number	XX-XXXXXX		Drawing Number	
Drawn	Checked		M0.1	
Author	Checker			

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PLAN CHECK
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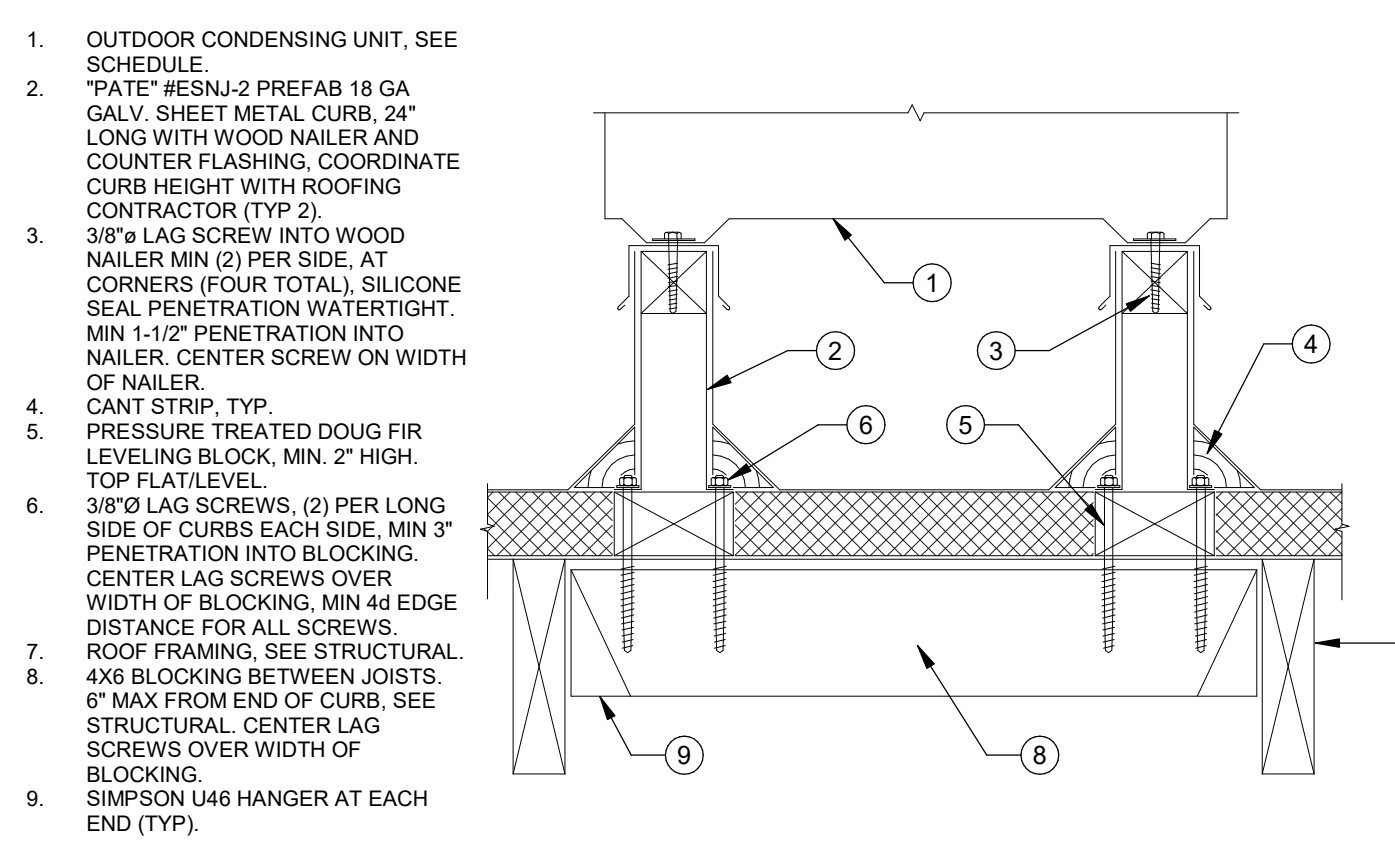
DESIGN DEVELOPMENT

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RENOVATION &
REPLACEMENT -
VICTORY PARK POOL CITY**
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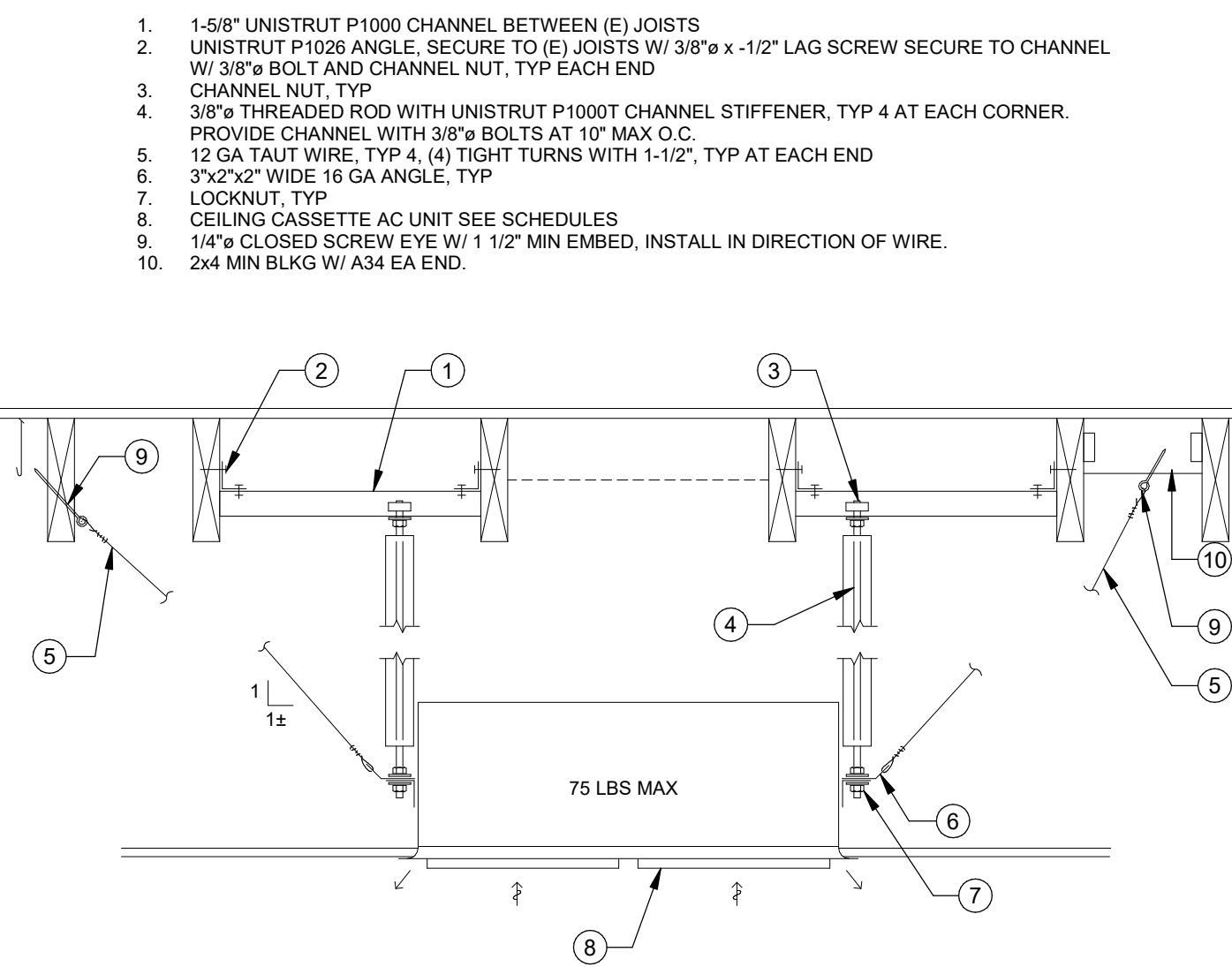
MECHANICAL DETAILS

Date: MM/DD/YYYY
Application Number: XX-XXXXX
Drawing Number: **M0.2**
Project Number: 22009
Author: _____
Checked: _____
Checker: _____

APPROVAL STAMP



HEAT PUMP UNIT MOUNTING NTS 11

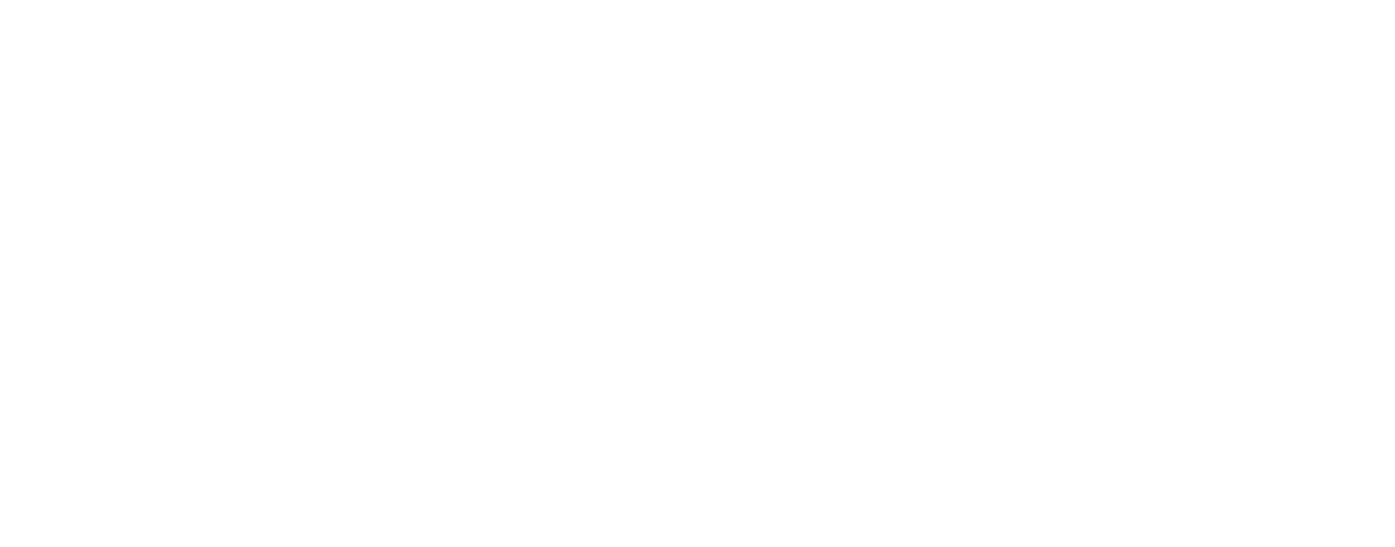


DUCT CONSTRUCTION STANDARDS NTS 7

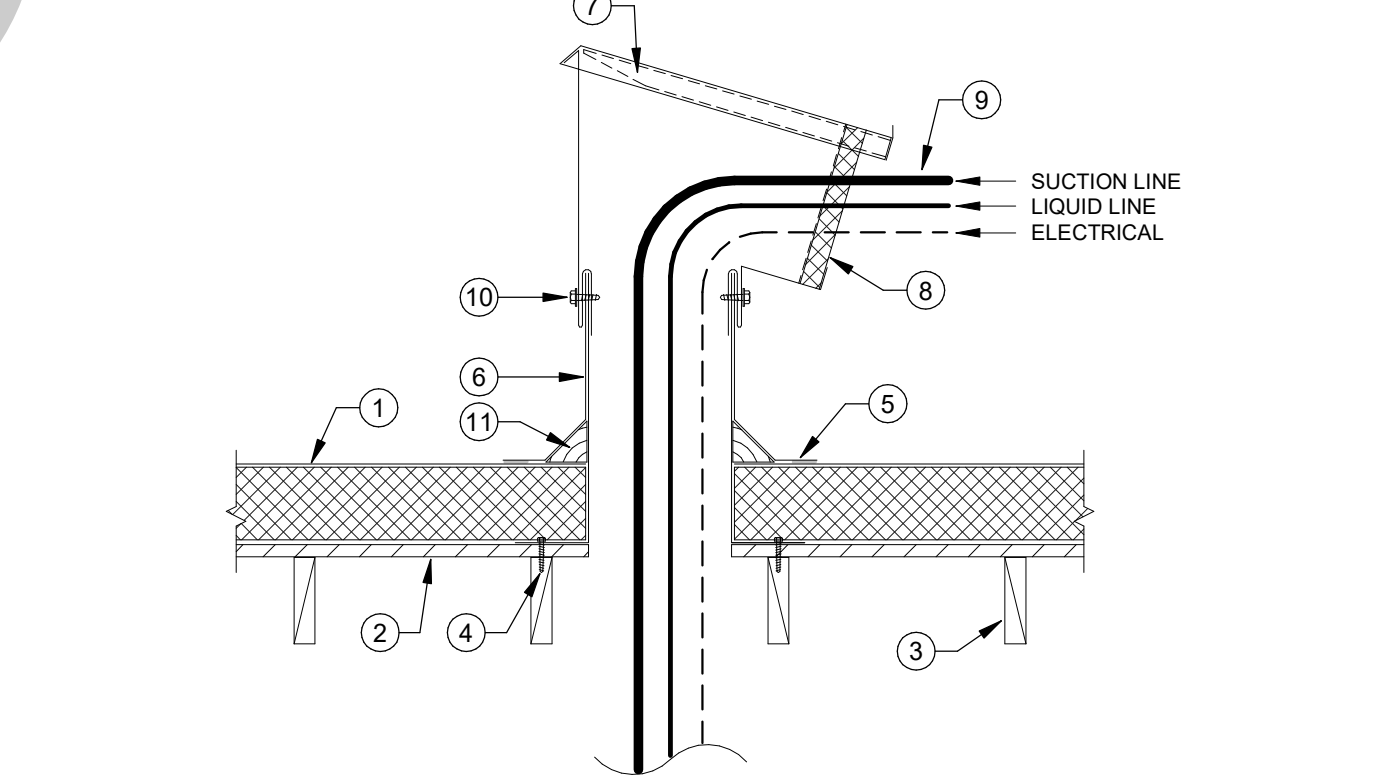
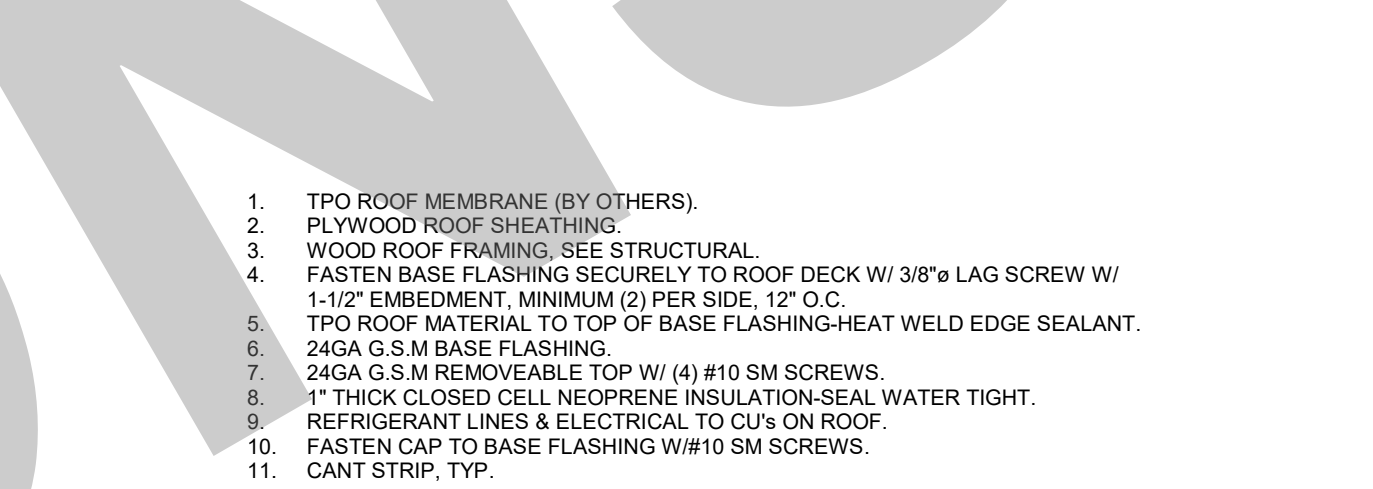


ACOUSTIC LINED DUCTS NTS 8

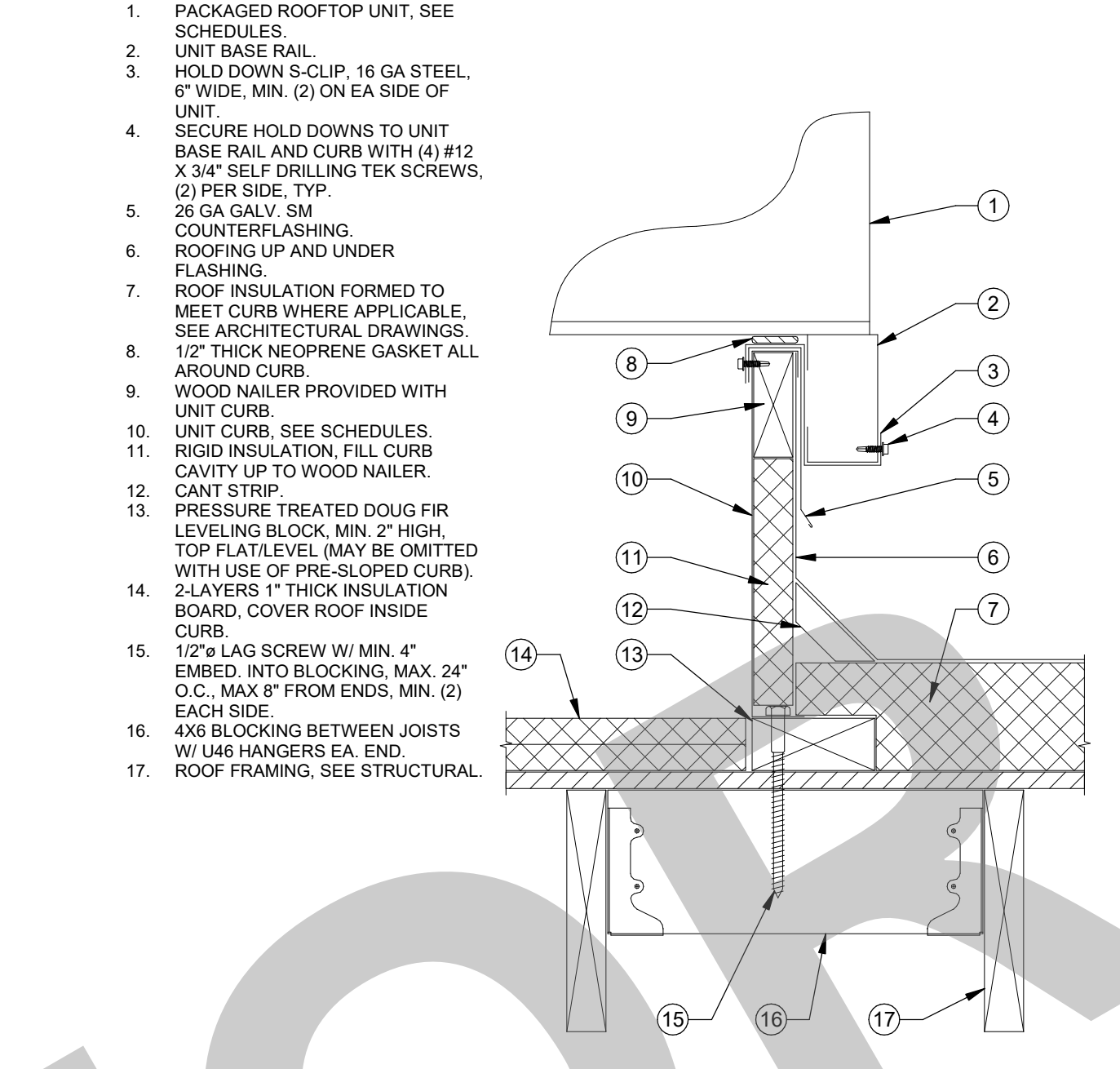
CASSETTE INDOOR UNIT MOUNTING NTS 12



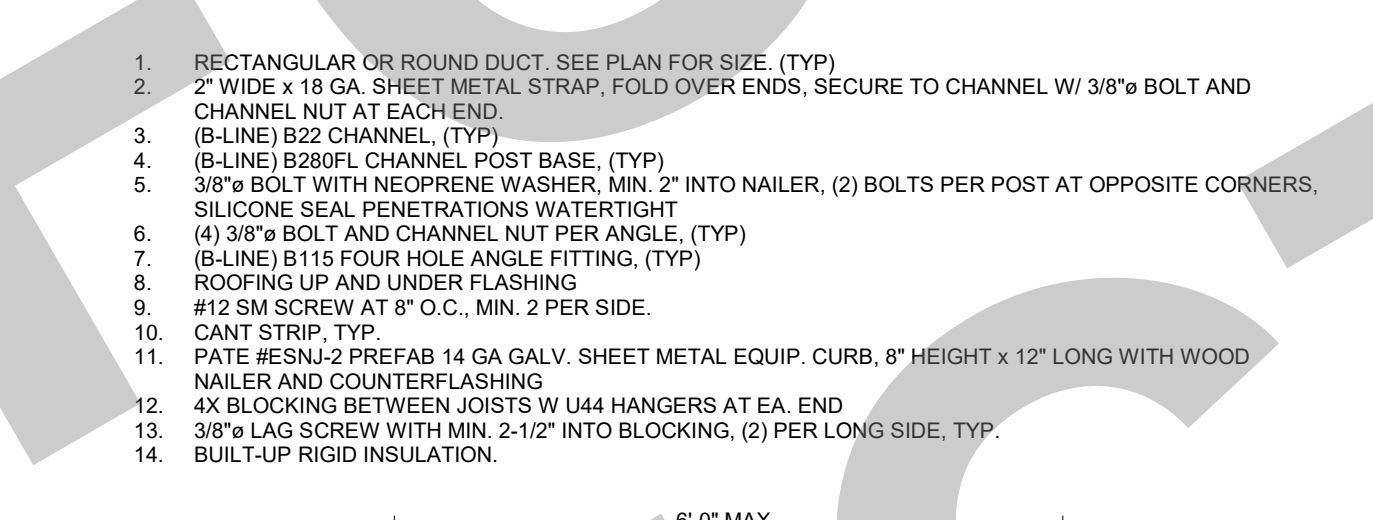
BRANCH DUCT DAMPER NTS 9



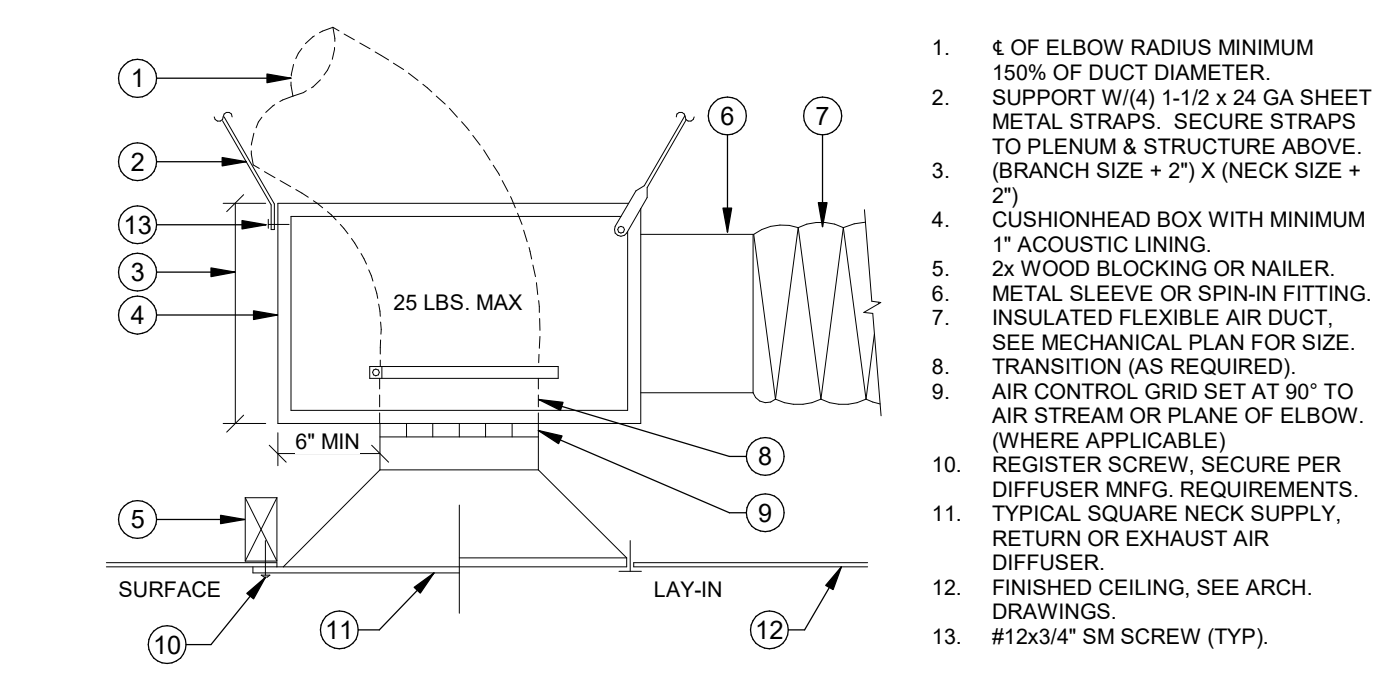
REFRIGERANT PIPE PENETRATION AT ROOF NTS 10



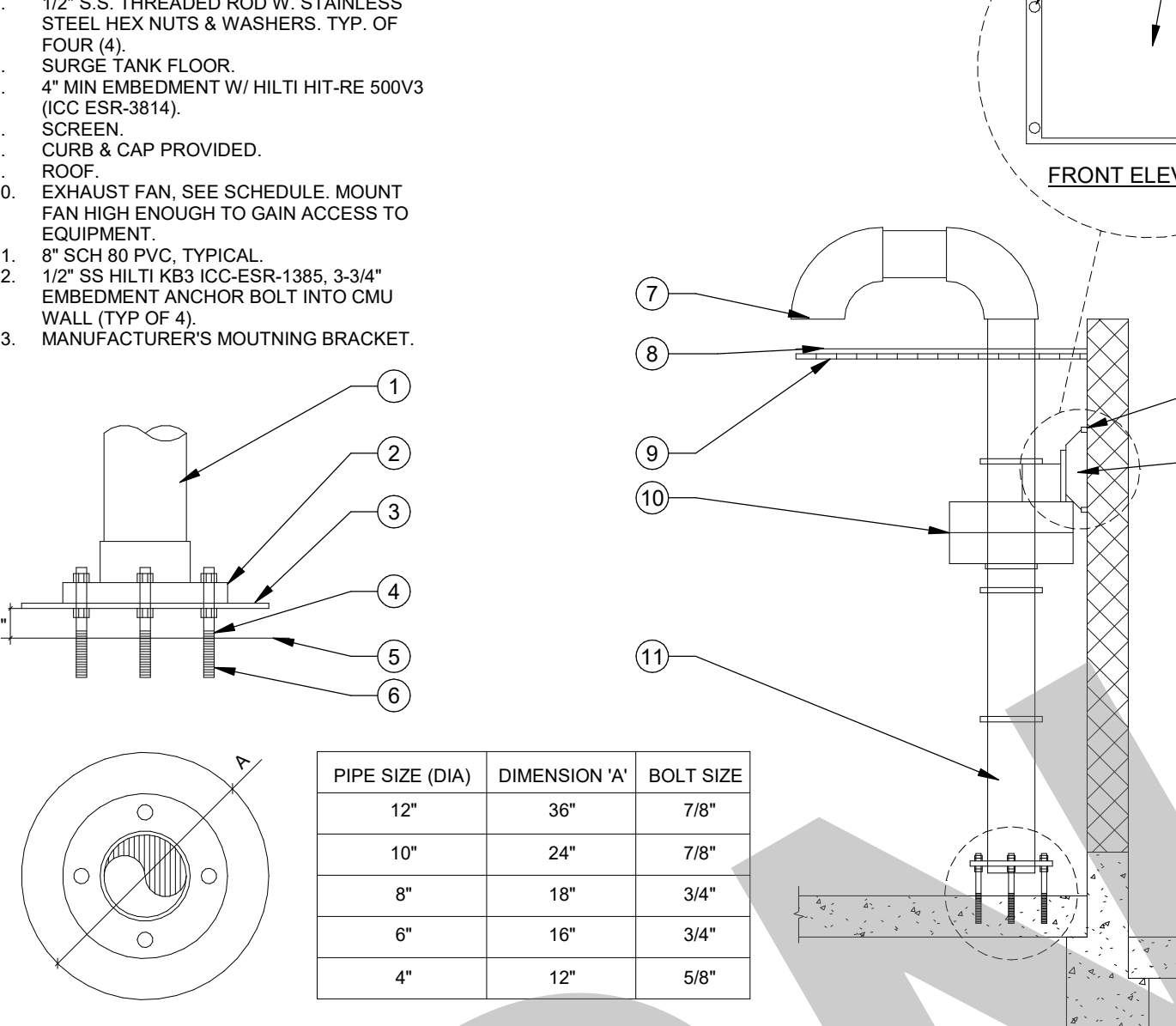
AC MOUNTING NTS 4



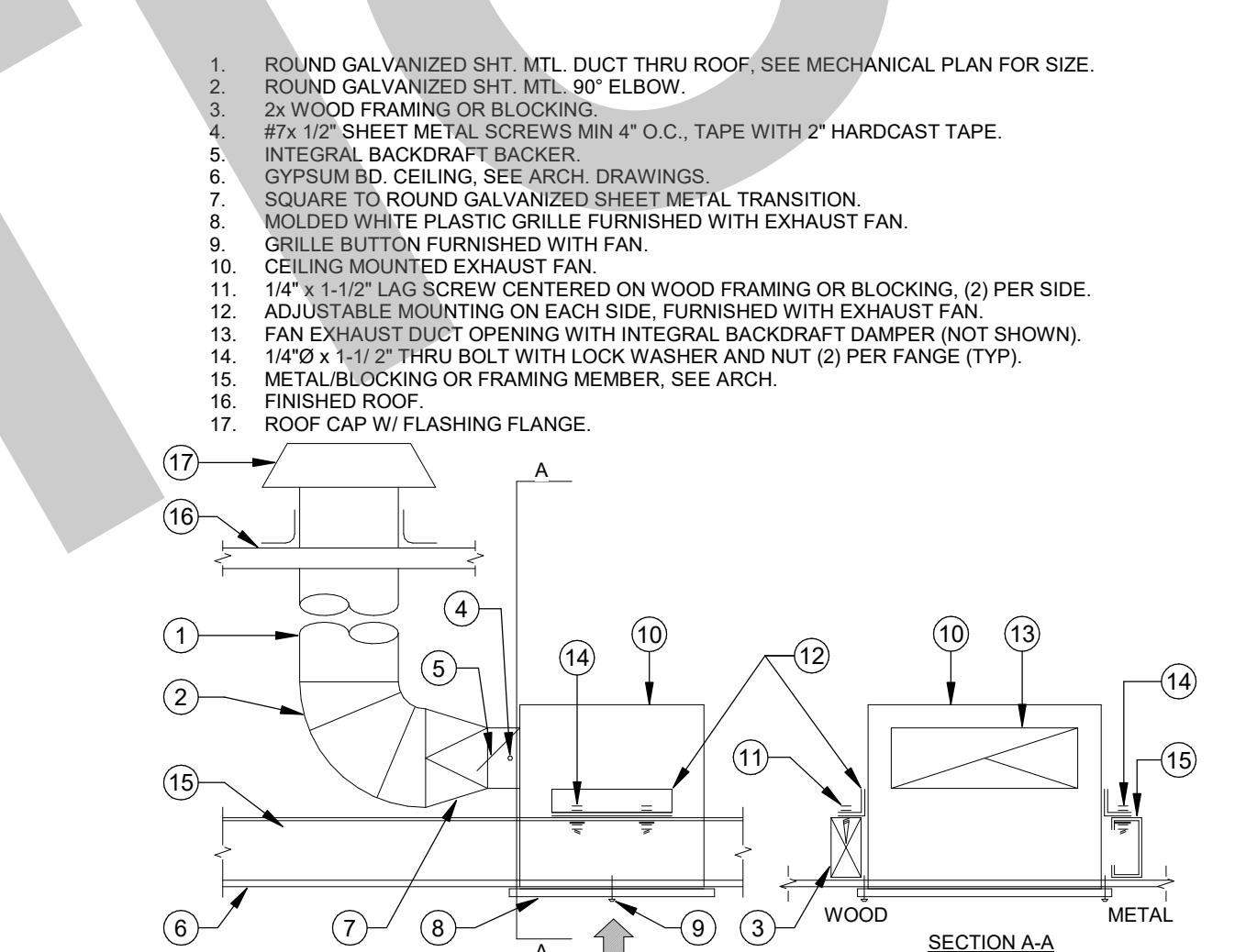
DUCT SUPPORT ON ROOF NTS 5



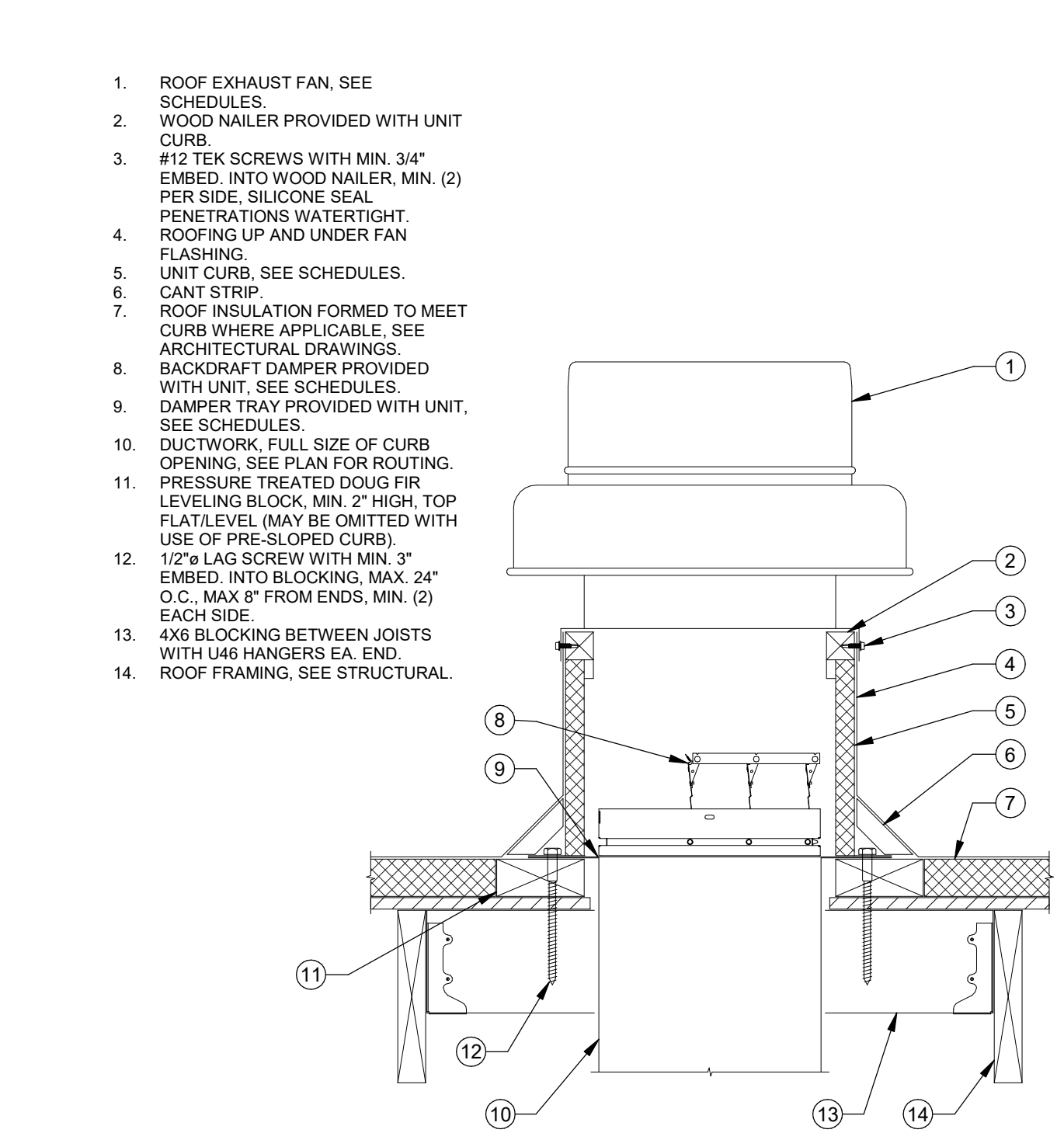
DIFFUSER / GRILLE MOUNTING NTS 6



CHEMICAL STORAGE EXHAUST FAN DETAIL NTS 1



EXHAUST FAN-CEILING MOUNTED (CEF) NTS 2



ROOF EXHAUST FAN MOUNTING NTS 3

HEAT PUMP UNIT MOUNTING NTS 11

DUCT CONSTRUCTION STANDARDS NTS 7

ACOUSTIC LINED DUCTS NTS 8

CASSETTE INDOOR UNIT MOUNTING NTS 12

BRANCH DUCT DAMPER NTS 9

REFRIGERANT PIPE PENETRATION AT ROOF NTS 10

DUCT SUPPORT ON ROOF NTS 5

DIFFUSER / GRILLE MOUNTING NTS 6

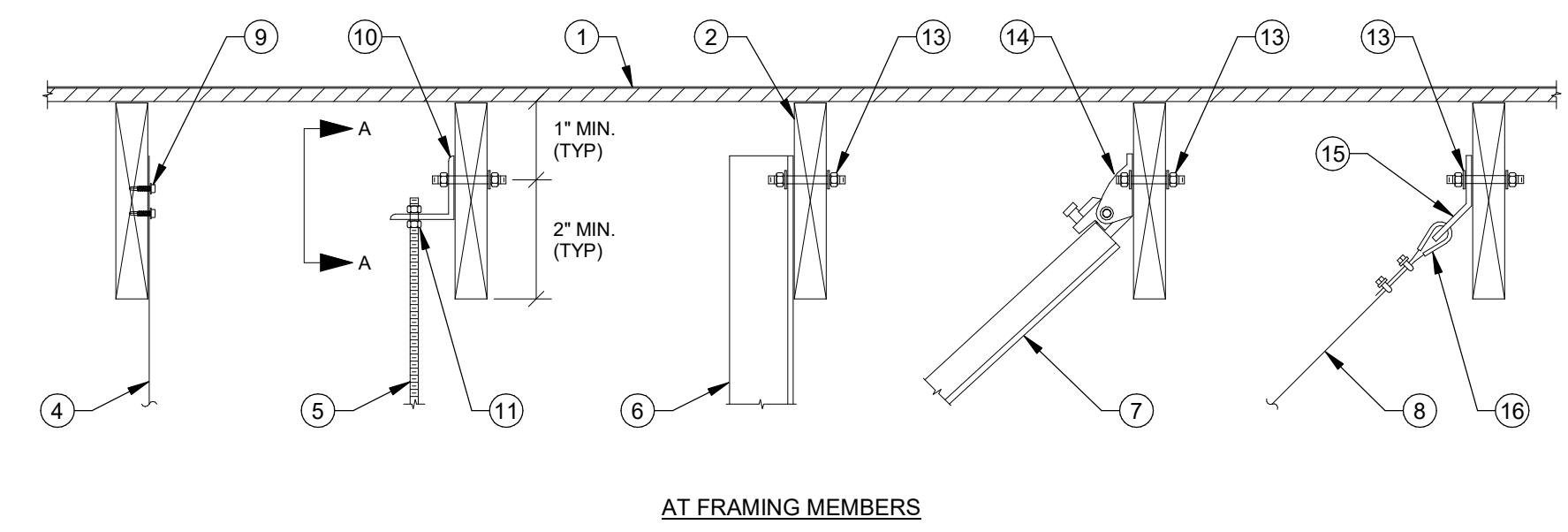
CHEMICAL STORAGE EXHAUST FAN DETAIL NTS 1

EXHAUST FAN-CEILING MOUNTED (CEF) NTS 2

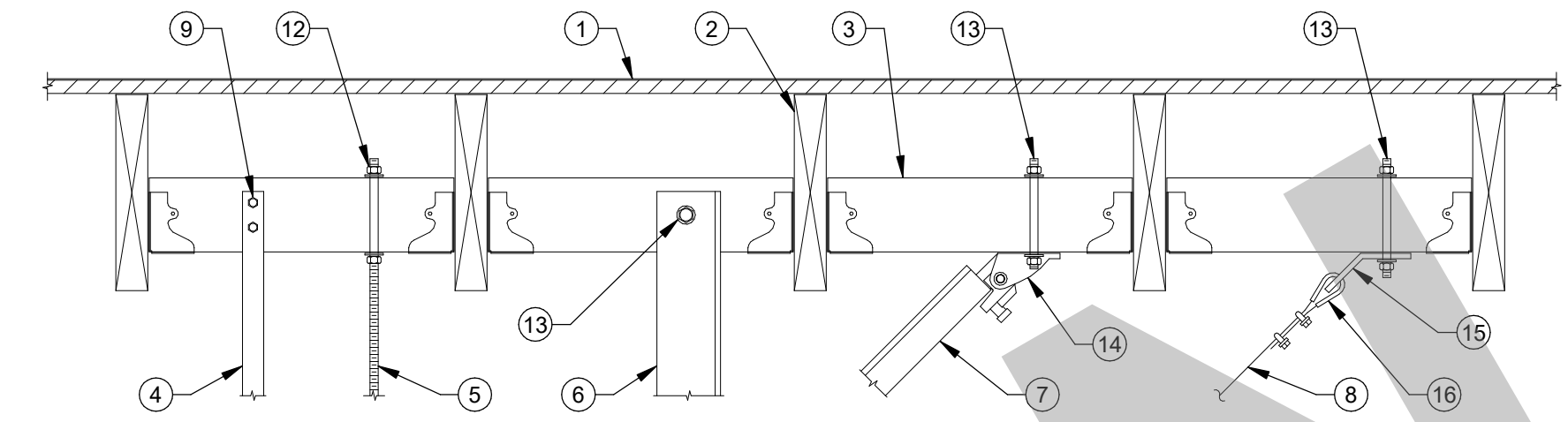
ROOF EXHAUST FAN MOUNTING NTS 3

NOT FOR CONSTRUCTION

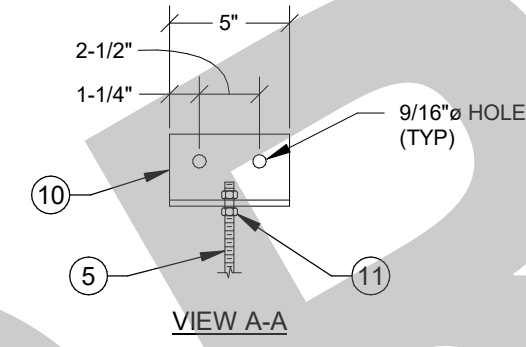
1. FLOOR/ROOF. SEE STRUCTURAL DRAWINGS.
2. FLOOR/ROOF FRAMING. SEE STRUCTURAL DRAWINGS.
3. 4x4 BLOCKING BETWEEN JOISTS W/ U44 HANGERS AT EACH END. TYP.
4. 1" x 20 GA. GALV. SHEET METAL STRAP.
5. 3/8" THREADED ROD, B-LINE ATR OR EQUAL.
6. 3"x3"x1/4" GALVANIZED STEEL ANGLE.
7. 1-5/8"x5-9/16"x12 GA UNISTRUT CHANNEL, B-LINE B22 OR EQUAL.
8. 3/32" PRE-STRETCHED GALVANIZED AIRCRAFT CABLE, 7x19 STRAND CORE.
9. (2) #12 x 1" SMC, 2" O.C. MIN.
10. 2"x2"x1/4" x 5' LONG GALVANIZED STEEL ANGLE, ATTACH TO FRAMING WITH (2) 1/2" BOLTS OR THREADED ROD WITH NUTS AND WASHER.
11. NUT, TOP AND BOTTOM.
12. NUT AND WASHER, TOP AND BOTTOM.
13. 3/8" THREADED ROD THROUGH SUPPORT MEMBER WITH NUT AND WASHER EA END.
14. UNIVERSAL SWAY BRACE UPPER ATTACHMENT, B-LINE TOLCO FIG. 890 OR EQUAL.
15. 2"x2"x1/4" x 1-1/8" WIDE GALVANIZED STEEL ANGLE, B-LINE MODEL B154 OR EQUAL.
16. CABLE THIMBLE AND CABLE CLIPS.



AT FRAMING MEMBERS



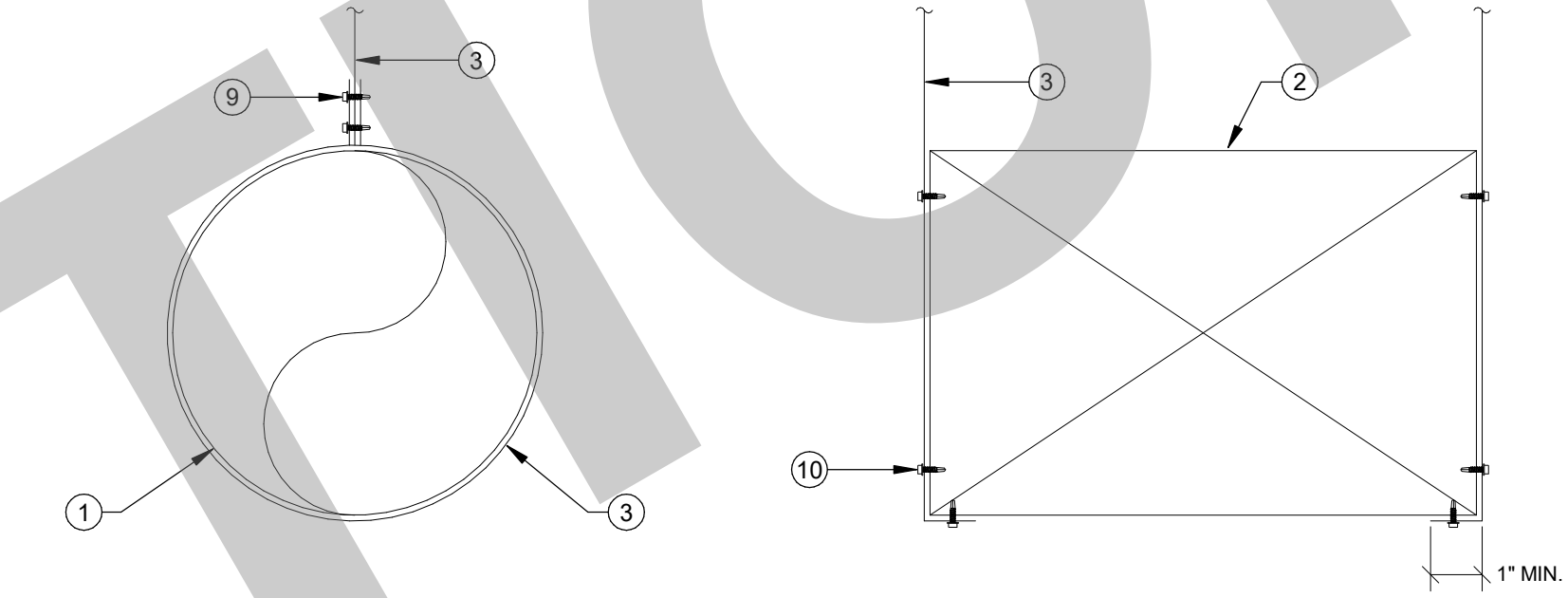
BETWEEN FRAMING MEMBERS



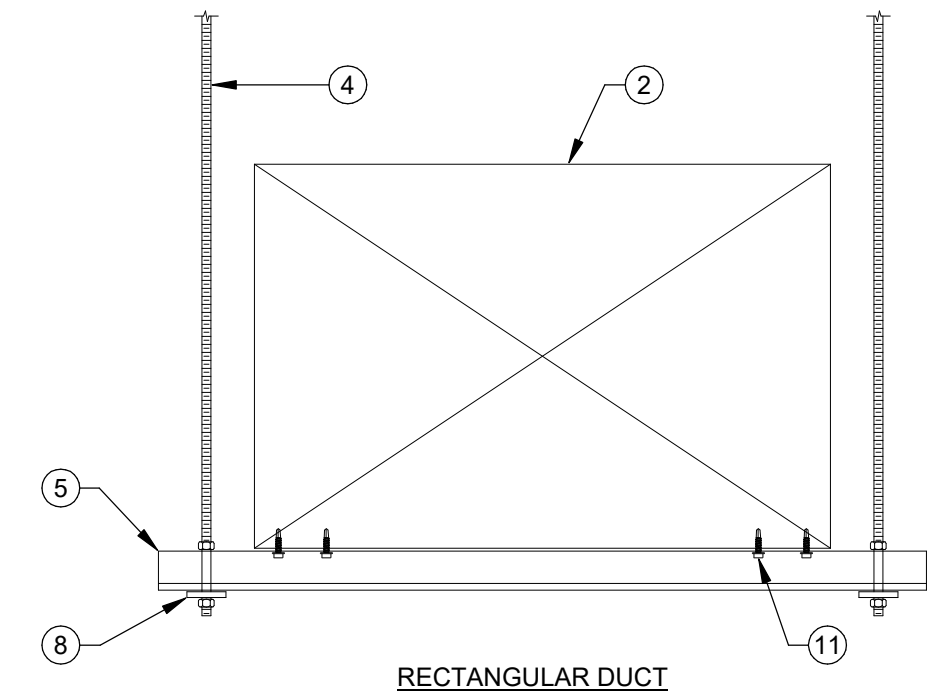
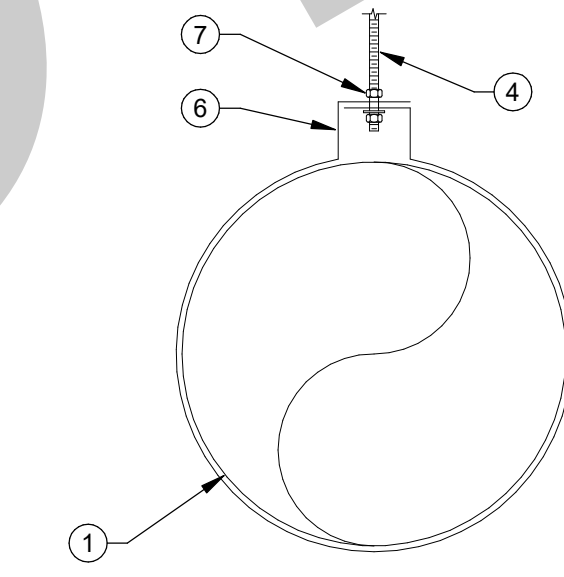
VIEW A-A

HANGER UPPER ATTACHMENTS NTS 1

1. ROUND DUCT. SEE PLAN FOR SIZE AND ROUTING.
2. RECTANGULAR DUCT. SEE PLAN FOR SIZE AND ROUTING.
3. 1" x 20 GA. GALV. SHEET METAL STRAP.
4. 3/8" THREADED ROD, B-LINE ATR OR EQUAL.
5. 1-5/8"x5-9/16"x12 GA UNISTRUT CHANNEL, B-LINE B22 OR EQUAL.
6. 1" x 20 GA. GALV. SHEET METAL STRAP WITH 3"x2" HIGH FLANGE.
7. NUT AND WASHER, TOP AND BOTTOM.
8. NUT, TOP AND BOTTOM WITH UNISTRUT SQUARE WASHER, B-LINE MODEL B2012N OR EQUAL.
9. (2) #10 TEK SCREWS.
10. (2) #10 TEK SCREWS, EA SIDE.
11. (2) #10 TEK SCREWS, EA SIDE.



ROUND DUCT



RECTANGULAR DUCT

DUCT HANGERS NTS 2

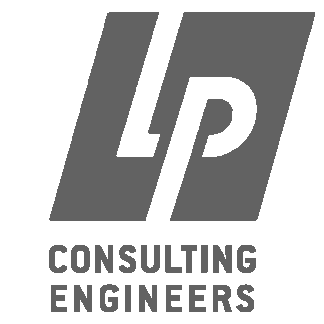
NOTES:
A. HANGER SPACING TO BE AT MAXIMUM 8FT O.C.

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NO.	REMARKS	DATE

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

KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

DESIGN DEVELOPMENT

AQUATIC FACILITIES
RENOVATION &
REPLACEMENT -
VICTORY PARK POOL CITY
PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

MECHANICAL DETAILS

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number M0.3
Drawn Author	Checked Checker

APPROVAL STAMP

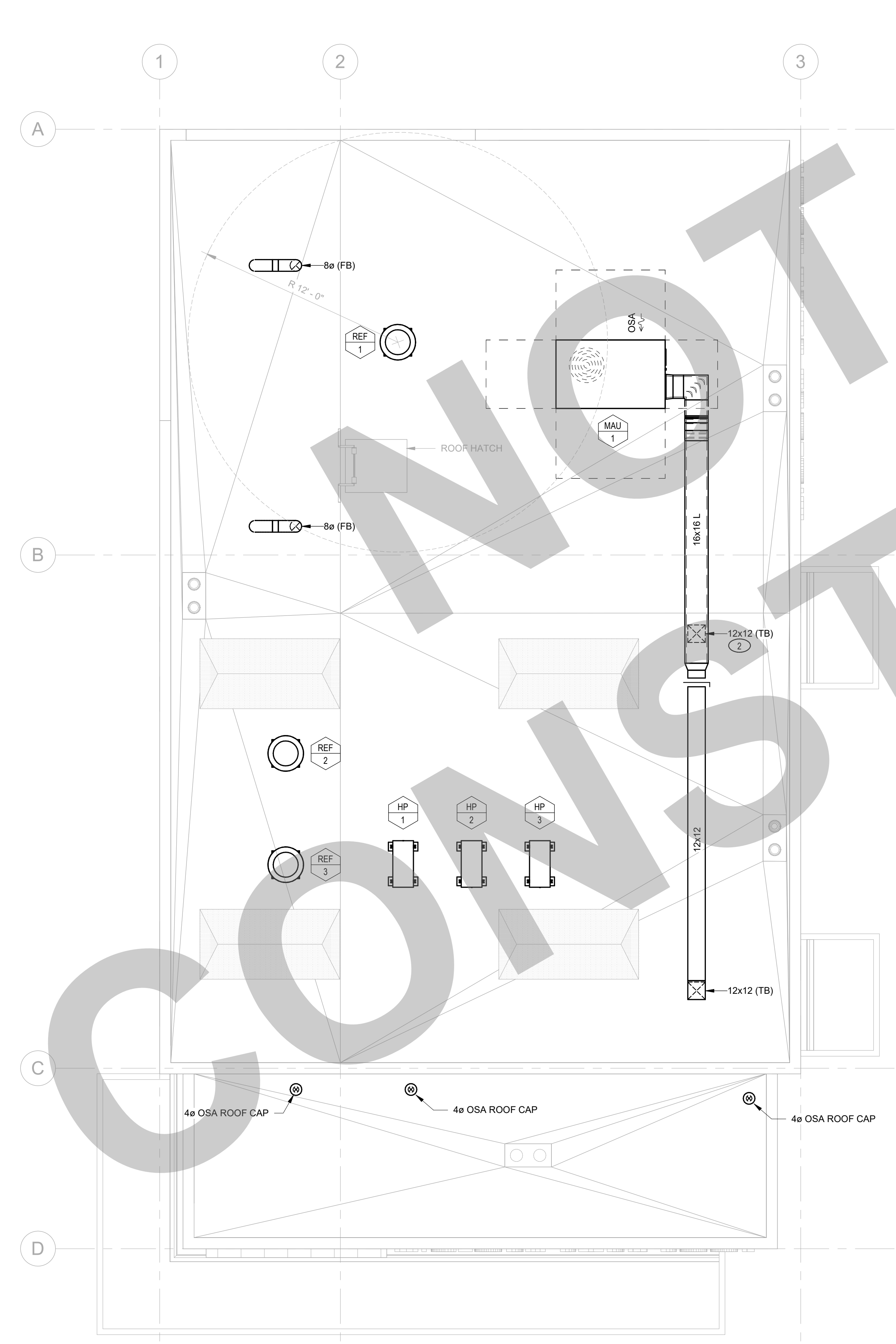
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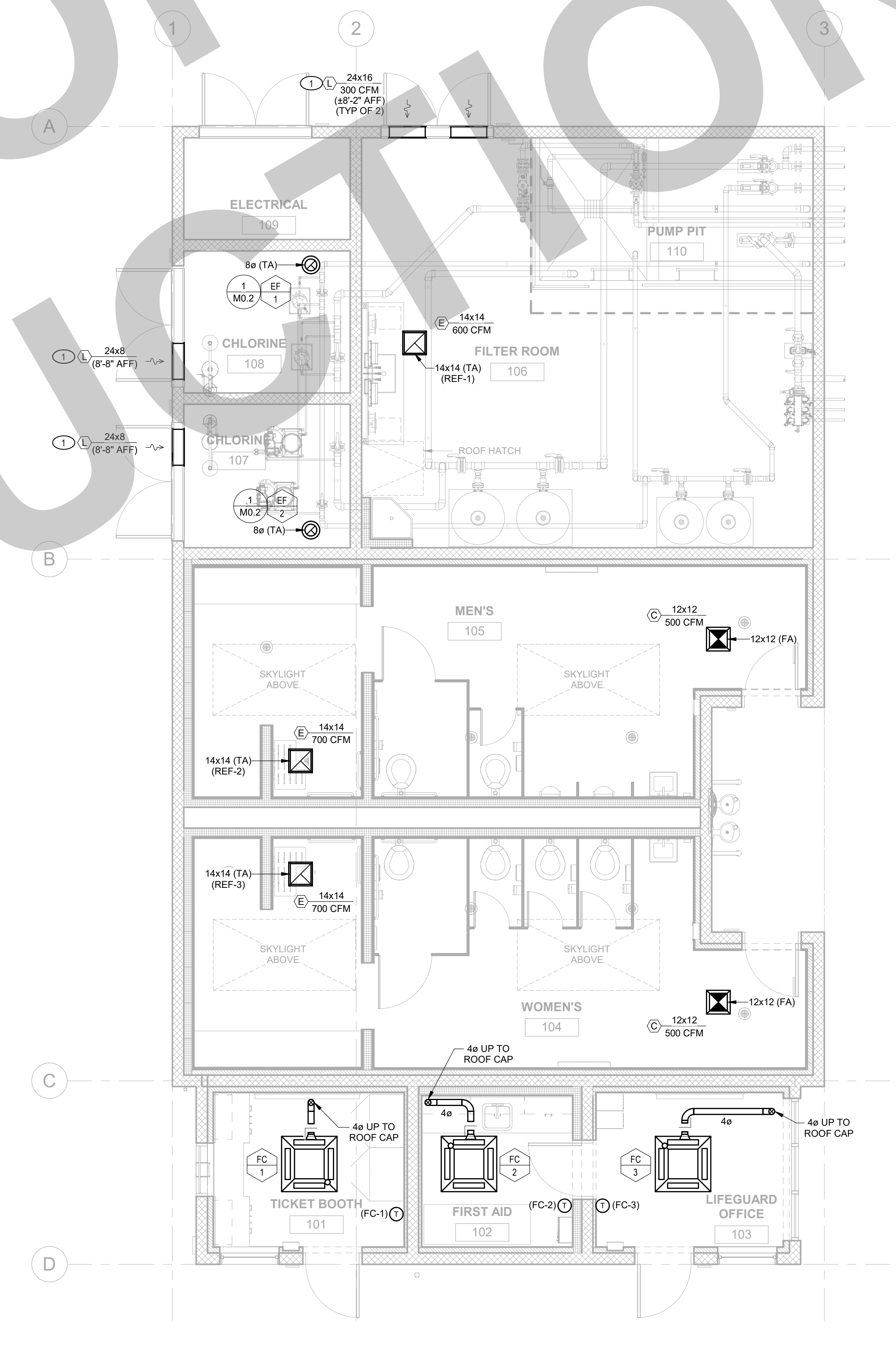
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- KEY NOTES**
- MECHANICAL CONTRACTOR TO COORDINATE LOUVER LOCATION WITHIN CMU BLOCK.
 - VOLUME DAMPER IN DUCT DROP ABOVE ROOF.



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



1 MECHANICAL FLOOR PLAN
SCALE: 1/4" = 1'-0"

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<input type="radio"/> CONSTRUCTION	

KEY PLAN



CITY OF STOCKTON
425 N EL DORADO STREET
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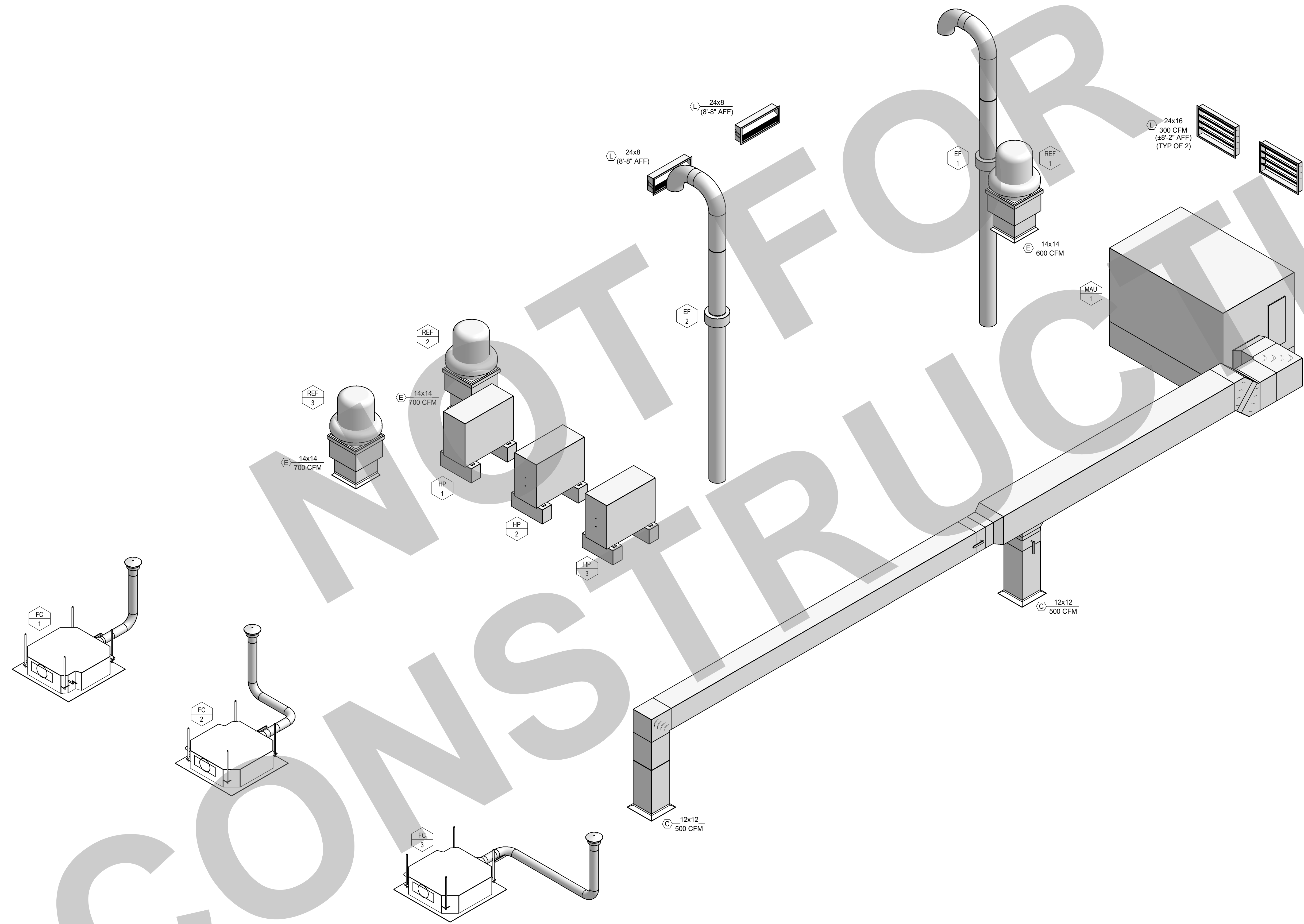
**MECHANICAL FLOOR &
ROOF PLAN**

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number M2.1
Drawn Author	Checked Checker

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1 MECHANICAL ISOMETRIC
 SCALE: NONE

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NO.	REMARKS	DATE

DATE

DRAWING STATUS

PLAN CHECK

BACK CHECK

BIDDING

CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
 425 N EL DORADO STREET
 STOCKTON, CA 95202

DESIGN DEVELOPMENT

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 PROJECT NO. CR18020
 1201 N PERSHING AVE
 STOCKTON, CA 95203

MECHANICAL
 ISOMETRICS

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number M7.1
Drawn Author	Checked Checker

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PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	S or W	V	CW	HW	DESCRIPTION
BEF-1	BACKFLOW PREVENTER	3/4"	---	2-1/2"	---	WILKINS MODEL 375 BACKFLOW PREVENTER REDUCED PRESSURE PRINCIPLE BACKFLOW ASSEMBLES ARE DESIGNED TO PROTECT POTABLE WATER SUPPLIES IN ACCORDANCE WITH NATIONAL PLUMBING CODES AND WATER AUTHORITY REQUIREMENTS. PROVIDE AIR GAP ASSEMBLY AND DRAIN AND SPILL TO BACKFLOW PREVENTER. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
DF-1	DRINKING FOUNTAIN (CBC ACCESS)	2"	1-1/2"	1/2"	---	HAVIS #1171, VANDAL RESISTANT BELIEVE DRINKING FOUNTAIN, 14 GA. 304 STAINLESS STEEL, PUSHBUTTON ACTIVATION, DRINKING WALL MOUNT BRACKET. HAVIS #190 BOTTLE FILLER WITH #8PSZ 3" STAINLESS STEEL BACK PANEL. PROVIDE WALL MOUNTING PLATE. INSTALL PER CBC ACCESSIBILITY REQUIREMENTS REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
EM-1	EMERGENCY SHOWER & EYEWASH (CBC ACCESS)	2"	1-1/2"	1-1/4"	1-1/4"	HAVIS #8309WC BARRIER-FREE COMBINATION SHOWER AND EYEWASH WASH SHALL INCLUDE A STAINLESS STEEL 1" ROUND BOWL, AN AOXON MSR EYEWASH WASH HEAD SHALL FEATURE INVERTED DIRECTIONAL LAMINAR INTEGRAL 37 GPM FLOW CONTROL, ABS PLASTIC SHOWERHEAD WITH 20 GPM FLOW CONTROL, CHROME PLATED BRASS TYPED OPEN BALL VALVE EQUIPPED WITH STAINLESS STEEL BALL AND STEM WHICH REQUIRES LESS THAN 5LBS PUSH FORCE TO OPERATE, AND WHEEL CHAIR ACCESSIBILITY. PROVIDE THERMOSTATIC MIXING VALVE MODEL #201E SET TO 90°F AND WALL ACCESS DOOR. INSTALL PER CBC ACCESS REQUIREMENTS.
FD-1	FLOOR DRAIN	2"	1-1/2"	TP	---	JR SMITH MODEL 2069Y, 3" DIAMETER ROUND NICKEL BRONZE TOP WITH 2" PIPE, FLANGE AND SEEPAGE PAN. PROVIDE TRAP PRIMER CONNECTION.
FD-2	FLOOR DRAIN	4"	2"	TP	---	JR SMITH MODEL 2069Y, 3" DIAMETER ROUND NICKEL BRONZE TOP WITH 4" PIPE, FLANGE AND SEEPAGE PAN. PROVIDE TRAP PRIMER CONNECTION.
FS-1	FLOOR SINK	2"	1-1/2"	TP	---	WATTS #FS-740 COATED CAST IRON ACID RESISTANT PAINTED INTERIOR 12" SQUARE TOX WITH 1/2" GRATE, 9" DEEP SUMP, DOUBLE DRAINAGE FLANGE BOTTOM CAULK OUTLET, & DOME STRAINER. PROVIDE TRAP PRIMER CONNECTION.
HB-1	HOSE BIBB	---	---	3/4"	---	"WOODFORD" #879 WALL HYDRANT BOX WITH DOOR, VACUUM BREAKER, TEE-KEY HANDLE, ROUGH BRASS MOUNT AT 12" ABOVE F.
HB-2	HOSE BIBB	---	---	3/4"	---	"WOODFORD" #84 WALL HYDRANT, VACUUM BREAKER, LOOSE TEE-KEY HANDLE, ROUGH BRASS.
JS-1	JANITORS SINK	3"	2"	3/4"	3/4"	FLORESTONE MODEL MSR-2424 24"x24" MOLDED JANITOR SINK. FLAT STAINLESS STEEL STRAINER. CHICAGO FAUCET #887-RFC LEVER HANDLE FAUCET WITH VACUUM BREAKER. PAL HOSE 3" HOSE HOSE HOOK AND WALL BRACE. KOHLER #K-2055 KINGSTON BASIN, WHITE FINISH VITREOUS CHINA, WALL HUNG. CHICAGO FAUCET #887-RFC LEVER HANDLE FAUCET. METEDED FAUCET. MOUNTED #150000 SANITARY COVERING. WATTS #WCA-41 CARRIER LEAD-FREE 1/4" TURN ANGLE STOPS. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT, ALL WATER SUPPLY TUBING, FIXTURES AND APPURTENANCES TO BE CA AB-1903 COMPLIANT.
L-1	LAVATORY (CBC ACCESS)	2"	1-1/2"	1/2"	1/2"	ELWAY #A-203255 COUNTERTOP MOUNT SINK 19-1/2"x25-1/2" 3/4" STAINLESS STEEL, CHICAGO FAUCET #201-58A26-3-17AS, SWING GOOSENECK SPOUT, 1/4" VESTIBLE HANDLE HANDLING, METEDED FAUCET. METEDED FAUCET. MOUNTED #150000 SANITARY COVERING. WATTS #WCA-41 CARRIER LEAD-FREE 1/4" TURN ANGLE STOPS. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT, ALL WATER SUPPLY TUBING, FIXTURES AND APPURTENANCES TO BE CA AB-1903 COMPLIANT.
RD-1	ROOF DRAIN	3"	---	---	---	ZURN MODEL ZV15 COMBINATION ROOF & OVERFLOW DRAIN COMPLETE WITH CAST IRON BOBBLES AND MEMBRANE CLAMPS. DOUBLE TOP-SET DECK PLATE. MINIMUM 2" WATER DAM FOR OVERFLOW PIPE.
S-1	SINK (CBC ACCESS)	2"	1-1/2"	3/4"	3/4"	ELWAY #A-203255 COUNTERTOP MOUNT SINK 19-1/2"x25-1/2" 3/4" STAINLESS STEEL, CHICAGO FAUCET #201-58A26-3-17AS, SWING GOOSENECK SPOUT, 1/4" VESTIBLE HANDLE HANDLING, METEDED FAUCET. METEDED FAUCET. MOUNTED #150000 SANITARY COVERING. WATTS #WCA-41 CARRIER LEAD-FREE 1/4" TURN ANGLE STOPS. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT, ALL WATER SUPPLY TUBING, FIXTURES AND APPURTENANCES TO BE CA AB-1903 COMPLIANT.
SH-1	SHOWER	2"	1-1/2"	3/4"	3/4"	ACORN #4508 SURFACE WALL MOUNTED SHOWER, 14 GAUGE TYPE 304 STAINLESS STEEL, SATIN FINISH FRONT ACCESS, METEDED FAUCET. METEDED FAUCET. MOUNTED #150000 SANITARY COVERING. WATTS #WCA-41 CARRIER LEAD-FREE 1/4" TURN ANGLE STOPS. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT, ALL WATER SUPPLY TUBING, FIXTURES AND APPURTENANCES TO BE CA AB-1903 COMPLIANT.
SH-2	SHOWER (CBC ACCESS)	2"	1-1/2"	3/4"	3/4"	ACORN #M4508E16 SURFACE WALL MOUNTED SHOWER, 14 GAUGE TYPE 304 STAINLESS STEEL, SATIN FINISH FRONT ACCESS, METEDED FAUCET. METEDED FAUCET. MOUNTED #150000 SANITARY COVERING. WATTS #WCA-41 CARRIER LEAD-FREE 1/4" TURN ANGLE STOPS. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT, ALL WATER SUPPLY TUBING, FIXTURES AND APPURTENANCES TO BE CA AB-1903 COMPLIANT.
TP-1	TRAP PRIMER	---	---	1/2"	---	PRECISION PLUMBING PRODUCTS, INC. #PR-500 PRIME-RITE. PROVIDE PPP MODEL D-1212PVC WALL ACCESS PANEL, PAINT ACCESS DOOR. COLOR OR AS ARCHITECT.
UR-1	URINAL (CBC ACCESS)	2"	2"	1-1/2"	---	KOHLER MODEL K-4891-ETRS ADA COMPLIANT WALL MOUNTED VITREOUS CHINA BOWL, LOW CONSUMPTION 0.125 GPF WITH SLOAN MODEL ROVAL 186-0.125 HIGH EFFICIENCY MANUAL FLUSH VALVE. PROVIDE WATTS CA-521 WALL CARRIER SYSTEM. WATTS #CO-380-RD URINAL WALL ACCESS CLEANSITE. INSTALL PER CBC ACCESS REQUIREMENTS. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
WC-1	WATER CLOSET	4"	2"	1-1/2"	---	KOHLER MODEL No. K-84325 WATER CLOSET. WALL MOUNTED, SIPHON JET ACTION, ELONGATED BOWL, WHITE VITREOUS CHINA COMPLETE W/ SLOAN MODEL No. 111-1.28 MANUAL FLUSHMETER VALVE (1.28 GPF). BEIMS MODEL No. 1955-SSC WHITE ELONGATED OPEN FRONT SEAT LESS COVER W/ STAINLESS STEEL CHECK HINGE. PROVIDE JR SMITH #410DY OR #410RY CARRIER. INSTALL IN ACCORDANCE WITH CBC ACCESS REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHTS.
WC-2	WATER CLOSET (CBC ACCESS)	4"	2"	1-1/2"	---	KOHLER MODEL No. K-84325 WATER CLOSET. WALL MOUNTED, SIPHON JET ACTION, ELONGATED BOWL, WHITE VITREOUS CHINA COMPLETE W/ SLOAN MODEL No. 111-1.28 MANUAL FLUSHMETER VALVE (1.28 GPF). BEIMS MODEL No. 1955-SSC WHITE ELONGATED OPEN FRONT SEAT LESS COVER W/ STAINLESS STEEL CHECK HINGE. PROVIDE JR SMITH #410DY OR #410RY CARRIER. INSTALL IN ACCORDANCE WITH CBC ACCESS REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHTS.
WHA-1	WATER HAMMER ARRESTER	---	---	1"	---	JR SMITH #5200 PDI SIZE 'C', HYDROTROL WATER HAMMER ARRESTOR. SUITABLE FOR CONCEALED INSTALLATION. ASSE 1010 LISTED. ANSII 112.26.1 CERTIFIED. INSTALL PER MANUFACTURER RECOMMENDATIONS.

PLUMBING EQUIPMENT SCHEDULE

TYPE	MARK	FIXTURE	S or W	V	CW	HW	DESCRIPTION
CP	1	CIRCULATION PUMP	---	---	---	3/4"	BELL & GOSSETT MODEL ECC03PC 3/4" 2015 3/4" LINE WET ROTOR CIRCULATION PUMP WITH LEAD-FREE BRONZE BODY, UNION CONNECTION, 5 GPM FLOW AT 10 FT. TD, 1/2" HP, 1.375A 1.575HP ELECTRICAL SERVICE, INTEGRAL CONTROLLER, SMALL CONTROL PUMP. SPEED TO MAINTAIN 110°F WATER TEMPERATURE. UL LISTED TO UL 775 UL 1894F 100A 7 and UL 1875S1.
ET	1	EXPANSION TANK	---	---	3/4"	---	BELL & GOSSETT MODEL PT-12 STEEL SHELL BUTYL DIAPHRAGM TYPE EXPANSION TANK. PRE-CHARGED TO 40 PSI WITH 4.4 GALLON TANK CAPACITY. 3.2 GALLON ACCEPTANCE CAPACITY.
WH	1	ELECTRIC WATER HEATER	---	---	2"	2"	PVI DURAWATT MODEL 30L 200A V.E. ELECTRIC WATER HEATER. STORAGE TANK TYPE. 30 GALLON CAPACITY, 90% RECOVERY AT 60 DEG REE, 18.0 KW INPUT, 208V/208V, 30 AMPS, 236.0 LBS OPER. WT. SET @ 140°F.

PLUMBING MATERIAL SCHEDULE

SYSTEM	LOCATION	MATERIAL		JOINING METHOD		TEST METHOD
		MATERIAL	TEST METHOD	MATERIAL	TEST METHOD	
WASTE & VENT	ABOVE & BELOW SLAB	STANDARD WEIGHT COATED CAST IRON PIPE	CISPI 301, ASTM A886	PLAIN END NO-HUB WITH NEOPRENE GASKET & STAINLESS STEEL COUPLING	CISPI 301, ASTM A886	SAME AS WASTE & VENT PIPING
WASTE & VENT	ABOVE & BELOW SLAB	PVC-DWV PIPE	ASTM D2681	SOVENT WELD	ASTM D2681	
WASTE & VENT	ABOVE & BELOW SLAB	PVC-DWV PIPE	ASTM D2681	SOVENT WELD	ASTM D2681	
STORM DRAIN	ABOVE & BELOW SLAB	TYPE 'X' HARD TEMPER SEAMLESS COPPER	ASTM B88	WROUGHT COPPER FITTINGS WITH 95% TIN-SILVER SOLDERED JOINTS	ANSI B16.22	SAME AS WASTE & VENT PIPING
STORM DRAIN	ABOVE & BELOW SLAB	TYPE 'M' HARD TEMPER SEAMLESS COPPER	ASTM B88	WROUGHT COPPER FITTINGS WITH 95% TIN-SILVER SOLDERED JOINTS	ANSI B16.22	
STORM DRAIN	ABOVE & BELOW SLAB	TYPE 'M' HARD TEMPER SEAMLESS COPPER	ASTM B88	WROUGHT COPPER FITTINGS WITH 95% TIN-SILVER SOLDERED JOINTS	ANSI B16.22	
DOMESTIC CW & HW	ABOVE SLAB	TYPE 'M' HARD TEMPER SEAMLESS COPPER	ASTM B88	WROUGHT COPPER FITTINGS WITH 95% TIN-SILVER SOLDERED JOINTS	ANSI B16.22	SAME AS WASTE & VENT PIPING
DOMESTIC CW & HW	ABOVE SLAB	TYPE 'M' HARD TEMPER SEAMLESS COPPER	ASTM B88	WROUGHT COPPER FITTINGS WITH 95% TIN-SILVER SOLDERED JOINTS	ANSI B16.22	
DOMESTIC CW & HW	ABOVE SLAB	TYPE 'M' HARD TEMPER SEAMLESS COPPER	ASTM B88	WROUGHT COPPER FITTINGS WITH 95% TIN-SILVER SOLDERED JOINTS	ANSI B16.22	
CONDENSATE DRAIN	ABOVE SLAB	PVC-DWV PIPE	ASTM D2681	SOVENT WELD	ASTM D2681	
CONDENSATE DRAIN	ABOVE SLAB	PVC-DWV PIPE	ASTM D2681	SOVENT WELD	ASTM D2681	

PIPE HANGER SCHEDULE

MATERIALS	TYPES OF JOINTS	HORIZONTAL		VERTICAL
		CAST-IRON HUBLESS	EVERY OTHER JOINT, UNLESS OVER 4 FEET THEN SUPPORT EACH JOINT. NOTES 12.3.4	
COPPER TUBE AND PIPE	SOLDERED OR BRAZED	1-1/2 INCHES AND SMALLER, 6 FEET; 2 INCHES AND LARGER, 10 FEET		EACH FLOOR, NOT TO EXCEED 10 FEET. NOTE 5

NOTES:
 1. SUPPORT ADJACENT TO JOINT, NOT TO EXCEED 18"
 2. SEISMIC BRACE NOT TO EXCEED 40 FOOT INTERVALS TO PREVENT HORIZONTAL MOVEMENT.
 3. SUPPORT AT EACH HORIZONTAL BRANCH CONNECTION.
 4. HANGERS SHALL NOT BE PLACED ON THE COURSE.
 5. VERTICAL WATER LINES SHALL BE PERMITTED TO BE SUPPORTED IN ACCORDANCE WITH RECOGNIZED ENGINEERING PRINCIPLES WITH REGARD TO EXPANSION AND CONTRACTION, WHERE FIRST APPROVED BY THE AUTHORITY HAVING JURISDICTION.
 6. SEE THE APPROPRIATE IAPMO INSTALLATION STANDARD FOR EXPANSION AND OTHER SPECIAL REQUIREMENTS.
 7. NATURAL GAS PIPING TO BE SUPPORTED PER 2022 CPC TABLE 1210.2.4.1.

HANGER ROD SIZING

PER 2022 CPC TABLE 313.6	
PIPE AND TUBE SIZE (IN)	ROD SIZE (IN)
1/2 - 4	3/8
5 - 8	1/2
10 - 12	5/8

PLUMBING SPECIFICATIONS

- THIS CONTRACTOR SHALL COMPLY WITH ALL CODES AND REGULATIONS IN EFFECT AT THE JOB SITE, INCLUDING, BUT NOT LIMITED TO:
 - 2022 CALIFORNIA BUILDING CODE
 - 2022 CALIFORNIA MECHANICAL CODE
 - 2022 CALIFORNIA PLUMBING CODE
 - 2022 CALIFORNIA ELECTRICAL CODE
 - 2022 CALIFORNIA GREEN BUILDING STANDARDS
 - 2022 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS - TITLE 24
 - NATIONAL FIRE PROTECTION ASSOCIATION
 - CALIFORNIA STATE FIRE MARSHAL
- ALL MATERIALS AND EQUIPMENT INSTALLED UNDER THIS CONTRACT SHALL BE GUARANTEED FREE FROM ALL MECHANICAL, ELECTRICAL AND WORKMANSHIP DEFECTS FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ALL DAMAGED ITEMS INSTALLED UNDER THIS CONTRACT WITHOUT ADDITIONAL COST TO THE OWNER.
- THE PLUMBING CONTRACTOR SHALL PROVIDE THE OWNER COPIES OF OPERATION, MAINTENANCE AND PREVENTATIVE MAINTENANCE MANUALS FOR EACH MODEL AND TYPE OF PLUMBING EQUIPMENT AS REQUIRED.
- CHECK AND VERIFY EXISTING CONDITIONS AT THE JOB SITE BEFORE BEGINNING WORK. ADJUST THE LOCATION AND CONFIGURATION OF THE WORK NECESSARY TO SUIT ACTUAL CONDITIONS AND OTHER TRADES. ANY CHANGES REQUIRED MUST BE APPROVED BY THE ARCHITECT OR ENGINEER.
- THE LOCATIONS OF EQUIPMENT, PIPING, AND SYSTEMS SHOWN ON THE DRAWINGS ARE DIAGNOSTIC AND SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE. CHANGES REQUIRED TO SUIT EXISTING CONDITIONS AND DUE TO COORDINATION WITH OTHER TRADES SHALL BE MADE AT NO EXTRA COST TO THE OWNER.
- VERIFY MANUFACTURER'S PRODUCT DATA INCLUDING NAME OF MANUFACTURER, TRADE NAME, MODEL, CAPACITY, OPTIONS, DIMENSIONS, WEIGHTS, INSTALLATION AND STARTUP DATA. EQUIPMENT PERFORMANCE SCHEDULED IS MAXIMUM AVAILABLE OR ALLOWABLE.
- ALL EQUIPMENT IS TO BE INSTALLED AS RECOMMENDED BY THE MANUFACTURER. USING ALL ACCESSORY EQUIPMENT AVAILABLE FROM THE MANUFACTURER FOR SUPPORTS, CONTROLS, ETC., TO MAKE A COMPLETE SYSTEM. ALL EQUIPMENT OR ACCESSORIES NEEDED AND NOT SHOWN OR SPECIFIED SHALL BE FURNISHED AND INSTALLED BY THIS CONTRACTOR. ADJUST THE EQUIPMENT FOR PROPER OPERATION. CHECK ALL CONTROLS AND VERIFY THAT ALL SAFETY DEVICES ARE FUNCTIONING PROPERLY.
- VERIFY ACCESS DOORS WHERE ACCESS THROUGH FLOORS, WALLS OR CEILING IS REQUIRED TO ACCESS PLUMBING COMPONENTS OR OTHER SYSTEMS REQUIRING ACCESS FOR MAINTENANCE, TESTING OR OBSERVATION. COORDINATE THE EXACT TYPE AND LOCATION OF ACCESS DOORS TO PROVIDE PROPER ACCESS TO THE ITEM CONCERNED.
- CHECK ALL SYSTEMS FOR LEAKS. CORRECT ANY DEFICIENCIES AS SOON AS DISCOVERED. OPERATE THE SYSTEMS AS A TEST AND DEMONSTRATE TO THE OWNER AND ARCHITECT OR ENGINEER THAT THE SYSTEM IS FUNCTIONING PROPERLY.
- PROVIDE COMMENCING WORK CHECK INVERT ELEVATIONS REQUIRED FOR SEWER CONNECTIONS. CONFIRM INVERTS AND ENSURE THAT THE CAN BE PROPERLY CONNECTED WITH SLOPE FOR DRAINAGE AND COVER TO AVOID FREEZING. VERIFY THE LOCATION OF ALL SERVICES. NO EXTRA COSTS SHALL BE ALLOWED IF SERVICES ARE NOT AS SHOWN.
- COORDINATE ALL NEW OR CHANGING UTILITY SERVICES WITH UTILITY PROVIDER AS SOON AS POSSIBLE. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE UTILITY COMPANIES' REQUIREMENTS PRIOR TO COORDINATING WITH THE UTILITY COMPANY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- INSTALL PIPING TO ALLOW FOR EXPANSION AND CONTRACTION WITHOUT STRESSING PIPE, JOINTS, OR CONNECTED EQUIPMENT.
- MAKE ALL CONNECTIONS TO EQUIPMENT AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER AS FAR AS TRAPS, DRAINS, FLEXIBLE CONNECTIONS, ETC. AND AS REQUIRED BY THE EQUIPMENT AND LOCATION.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS, FIXTURE MOUNTING HEIGHTS AND ADA ACCESSIBILITY REQUIREMENTS.
- PIPING INSULATION (INTERIOR APPLICATIONS):
 - GLASS FIBER INSULATION, ASTM C 547 AND ASTM C 785, °C (°F) VALUE: 0.24 AT 75 DEGREES F, WHEN TESTED IN ACCORDANCE WITH ASTM C 177. MAXIMUM SERVICE TEMPERATURE: 850 DEGREES F. MAXIMUM MOISTURE ABSORPTION: 0.20 PERCENT AT 100% RH.
 - VAPOR BARRIER JACKET, WHITE KRAFT PAPER WITH GLASS FIBER YARN, BONDED TO ALUMINIZED FILM. MOISTURE VAPOR TRANSMISSION WHEN TESTED IN ACCORDANCE WITH ASTM E 96 @ 98% OF 0.02.
 - INSULATION THICKNESS SCHEDULES:
 - DOMESTIC HOT AND TEMPERED WATER SUPPLY:
 - 2 INCH THICKNESS FOR PIPING 1/2 INCH AND LARGER.
 - 1-1/2 INCH THICKNESS FOR PIPING 1/2 INCH TO 1-1/2 INCH.
 - 1 INCH THICKNESS FOR PIPING LESS THAN 1/2 INCH.
 - DOMESTIC COLD WATER LOCATED IN UNHEATED AREAS:
 - 1 INCH THICKNESS FOR PIPING 1/2 INCH AND LARGER.
 - 3/4 INCH THICKNESS FOR PIPING 1/2 INCH AND SMALLER.
- INSULATE DOMESTIC HOT WATER, TEMPERED WATER AND WASTE PIPING BELOW MANICAPPED PLUMBING FIXTURES WITH MOLDED SINGLE PEECE REMOVABLE INSULATION COVERS, FOAM, FIRE RESISTANT, TRIURENO, OR EQUAL. INSTALL INSULATION COVERS IN ACCORDANCE WITH CBC ACCESS REQUIREMENTS.
- INSULATE DOMESTIC WATER PIPING AND COMPONENTS SHALL BE PROVIDED AND INSTALLED IN COMPLIANCE WITH CALIFORNIA AB 1553 LEGISLATION WHICH LIMITS THE ALLOWABLE LEAD CONTENT IN CERTAIN DOMESTIC WATER SYSTEM COMPONENTS.
- PROVIDE COMPRESSION SHUTOFF CONTROL STOP VALVES WITH IPS INLETS AND THREADED BRASS NIPPLES AT PIPE CONNECTION ON WATER SUPPLIES TO EACH FIXTURE.
- PROVIDE CHROMIUM-PLATED FINISH ON FITTINGS AND ACCESSORIES EXPOSED TO VIEW.
- FIXTURE FITTINGS AND TRIM CONFORM TO ASME A112.18.1M AND ASME A112.19.5, AS APPLICABLE.
- PROVIDE WATER HAMMER ARRESTORS AT END OF PIPE RUNS TO TWO OR MORE FIXTURES. PROPERLY SIZED WITH SUFFICIENT DISPLACEMENT VOLUME TO DISSIPATE CALCULATED ENERGY IN THE PIPING SYSTEMS. WATER HAMMER ARRESTORS SHALL BE STAINLESS STEEL SHELL WITH STAINLESS STEEL BELLOWS CONTAINED WITHIN THE CASING.
- PROVIDE PIPE SLEEVES WHERE PIPES AND TUBING PASS THROUGH WALLS, FLOORS, ROOFS, AND PARTITIONS. FINISH FLUSH AT BOTH ENDS. EXTEND 2 INCHES (50 MM) ABOVE FINISHED FLOORS. PACK SPACE BETWEEN PIPE OR TUBING AND SLEEVE AND CALK.
- IDENTIFY PIPING WITH TAPES AND DECALS. INSTALL LABELING ON PIPE AT INTERVALS OF NOT MORE THAN 20 FEET (6 METERS) AND AT LEAST ONCE IN EACH ROOM AND EACH STORY TRAVERSED BY PIPELINE.
- PROVIDE NON-CONDUCTING DIELECTRIC CONNECTIONS WHEREVER JOINTING DISSIMILAR METALS.
- ALL PLUMBING VENTS SHALL TERMINATE NOT LESS THAN 10' FROM ANY OUTSIDE AIR INTAKE OR OPENING TO THE BUILDING.
- ALL EXPOSED MATERIAL SHALL BE PREPARED WITH A PRIME COAT AND THEN PAINTED.

PLUMBING LEGEND

SYMBOL	ITEM	ABBR.
(Symbol)	EQUIPMENT DESIGNATION / UNIT ABBREVIATION / NUMBER	
(Symbol)	FIXTURE DESIGNATION / UNIT ABBREVIATION / NUMBER	
(Symbol)	DETAIL DESIGNATION / DETAIL NUMBER	
(Symbol)	SHEET NO. WHERE SHOWN	
---	DOMESTIC COLD WATER	CW
---	DOMESTIC HOT WATER	HW
---	DOMESTIC HOT WATER RETURN	HW R
---	VENT	V
---	GAS	C
---	MEDIUM PRESSURE GAS	MG
---	LIQUID PROPANE GAS	LPG
---	SEWER	S
---	GREASE WASTE	GW
---	ACID VENT	AV
---	ACID WASTE	AW
---	STORM DRAIN	SD
---	ROOF DRAIN	RD
---	OVERFLOW DRAIN	OD
---	CONDENSATE DRAIN	C
---	SECONDARY CONDENSATE DRAIN	SCD
---	TEMPERATURE & PRESSURE RELIEF	T&P
---	DRAIN	D
---	FIRE SPRINKLER	FS
---	PIPE CAP	
---	PIPE RISER / DROP	(R/D)
---	SHUT-OFF VALVE IN BOX	SOV
---	FLOOR CLEANOUT	FCO
---	CLEANOUT TO GRADE	COTG
---	WALL CLEANOUT	WCO
---	CLEANOUT	CO
---	HOSE BIBB	HB
---	OVERFLOW DRAIN OUTLET	
---	BALL VALVE	BV
---	GATE VALVE	GV
---	CHECK VALVE	CHK.V
---	MIXING VALVE	M.V
---	SHUT-OFF COCK	SOC
---	CIRCULATION PUMP	CP
---	BALANCING VALVE	BLV
---	TRAP PRIMER	TP
---	PRESSURE REDUCING VALVE	PRV
---	GAS PRESSURE REGULATOR	GPR
---	AUTOMATIC EARTHQUAKE VALVE	EV
---	TYPICAL	(TYP)
---	VENT THRU ROOF	VTR
---	UNDERFLOOR	UG
---	UNDER FLOOR	UF
---	ABOVE CEILING	AB.C.
---	FROM ABOVE / BELOW	FA / FB
---	CONTINUATION	CONT.
---	NEW	(N)
---	EXISTING	(E)
---	POINT OF DISCONNECTION	POD / POC

RAINWATER PIPE SIZING

PROJECT LOCATION	STOCKTON, CA		
MAXIMUM RAINFALL RATE	3.7HR		
ROOF DRAIN SIZE (IN INCHES)	MAXIMUM ALLOWABLE HORIZONTAL PROJECTED ROOF AREA FOR ROOF DRAIN, LEADERS & VERTICAL RAINWATER PIPING	MAXIMUM ALLOWABLE HORIZONTAL PROJECTED ROOF AREA FOR HORIZONTAL RAINWATER	MAXIMUM ALLOWABLE HORIZONTAL PROJECTED ROOF AREA FOR HORIZONTAL RAINWATER
2"	960 SQ FT	N/A	N/A
3"	2,930 SQ FT	1,546 SQ FT	1,096 SQ FT
4"	6,130 SQ FT	3,533 SQ FT	2,506 SQ FT
6"	17,995 SQ FT	10,066 SQ FT	7,133 SQ FT
8"	38,660 SQ FT	21,733 SQ FT	15,330 SQ FT
* AS PER 2022 CALIFORNIA PLUMBING CODE TABLE 1103.1 & 1103.2			

WHA SIZING

FIXTURE TYPE	FIXTURE UNITS (PER FIXTURE)
WATER CLOSET	8
URINAL	4
LAVATORY	2

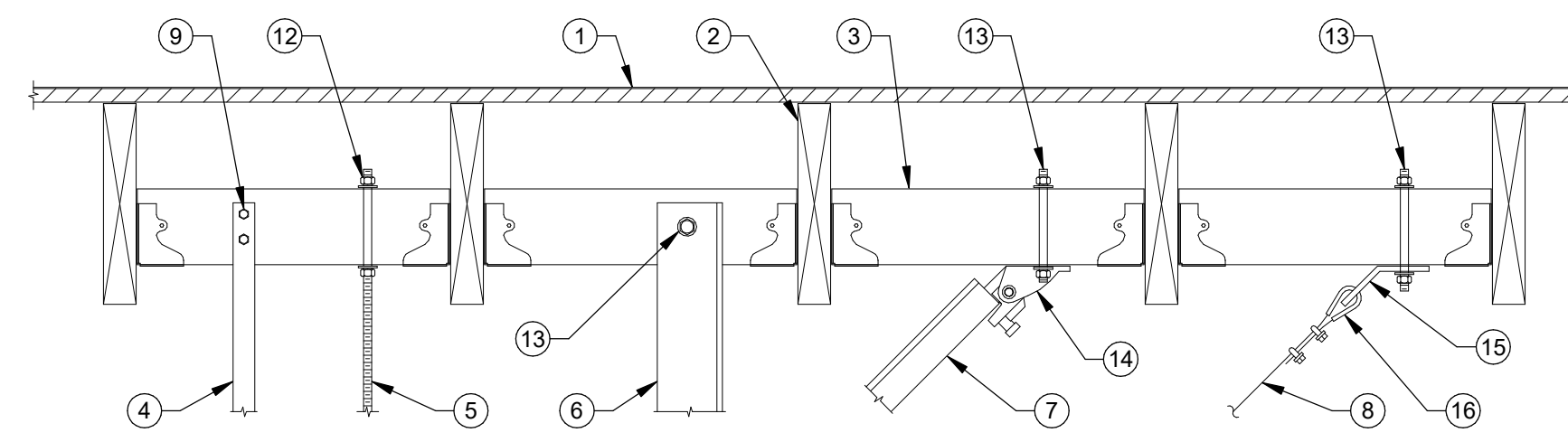
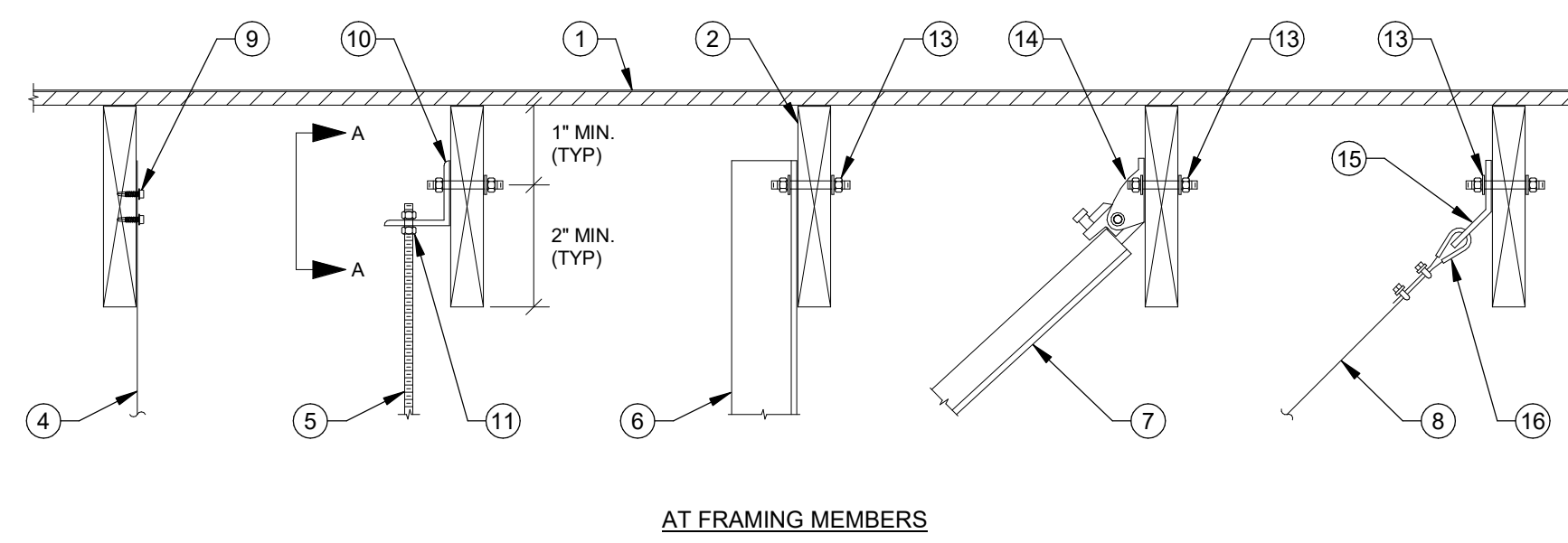
PDI SIZE	FIXTURE UNITS (PER ARRESTOR)
A	1-11
B	12-32
C	33-60
D	61-113
E	114-154
F	155-330

NOTES:
 1. PROVIDE WATER HAMMER ARRESTORS AS REQUIRED.
 2. WATER HAMMER ARRESTOR SIZING SHALL BE THE MORE STRINGENT OF THE TABLE ABOVE AND CURRENT PDI (PLUMBING & DRAINAGE INSTITUTE) REQUIREMENTS.
 3. LOCATE WATER HAMMER ARRESTORS AS CLOSE TO BRANCH PIPING AS POSSIBLE.

WATER AND WASTE MAINS CALCULATIONS

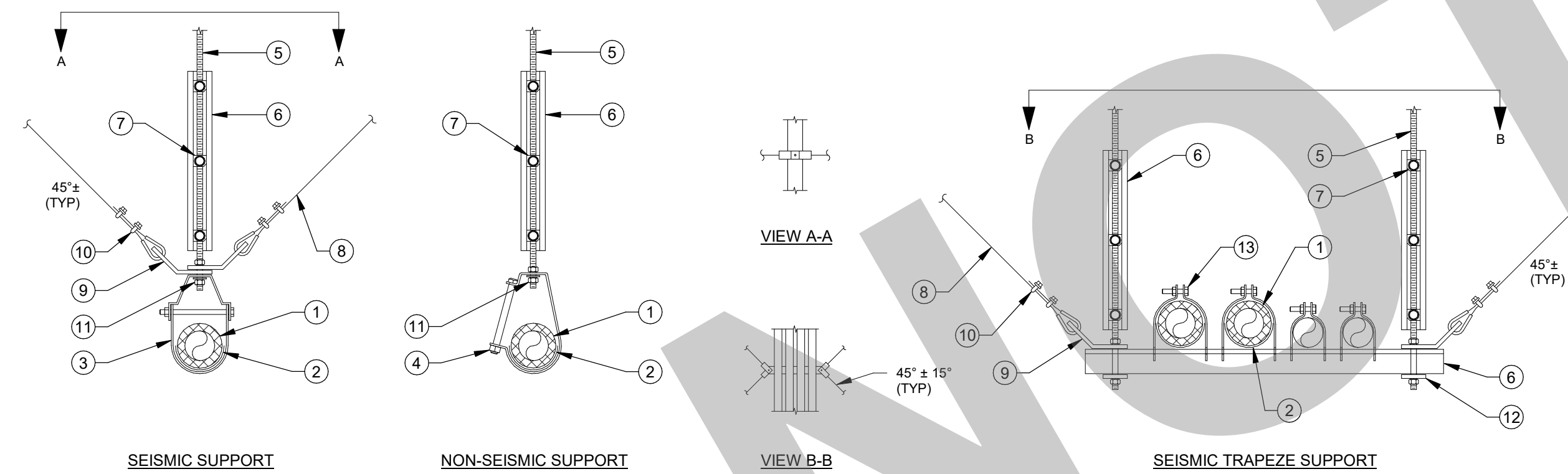
JOB NAME: Victory Park Pool		DATE: 07/14/23		
FIXTURE TYPE	NO.	WATER		TOTAL
		WATER	WASTE	
U DRINKING FOUNTAIN	1	0.5	0.5	0.5
HOSE BIBB (FIRST)	1	0	2.5	2.5
HOSE BIBB (ADDITIONAL)	3	0	1	3
LAVATORY (SINGLE)	2	1	1	0.8
U SERVICE SINK	1	3	3	2.3
SHOWER	4	2	8	2
FLOOR DRAIN	9	2	18	0
R SINK 1-1/2" TRAP	1	2	2	1.5
U URINAL	2	2	4	4.0
U WATER CLOSET, FLUSH VALVE	6	4	24	5
TOTAL FIXTURE UNITS	61.5		11.3	59.0
EQUIVALENT COLD WATER FLOW RATE (GPM)				266
ADDITIONAL WATER DEMAND LOAD (GPM)				20
AVAILABLE STATIC PRESSURE IN WATER MAIN (PSI)				50
MINIMUM REQUIRED FIXTURE PRESSURE (PSI)				25
ELEVATION RISE (FT)				5
METER LOSS (PSI)				4.0
BACKFLOW PREVENTER LOSS (PSI)				11.0
ADDITIONAL LOSSES (PSI)				0
EQUIVALENT PIPE LENGTH FROM METER TO MOST REMOTE FIXTURE (FT)				266
FRICTION LOSS PER LENGTH AVAILABLE (PSI)				

- FLOOR/ROOF. SEE STRUCTURAL DRAWINGS.
- FLOOR/ROOF FRAMING. SEE STRUCTURAL DRAWINGS.
- 4IN BLOCKING BETWEEN JOISTS W/ U44 HANGERS AT EACH END, TYP.
- 1" x 20 GA. GALV. SHEET METAL STRAP.
- 3/8" THREADED ROD, B-LINE ATR OR EQUAL.
- 3"x3"x1/4" GALVANIZED STEEL ANGLE.
- 1-5/8" x 1-5/8" x 1/2 GA UNISTRUT CHANNEL, B-LINE B22 OR EQUAL.
- 3/20" PRE-STRETCHED GALVANIZED AIRCRAFT CABLE, 7x19 STRAND CORE.
- 3/20" PRE-STRETCHED GALVANIZED STEEL ANGLE, ATTACH TO FRAMING WITH (2) 1/2" BOLTS OR THREADED ROD WITH NUTS AND WASHER.
- 2" x 2" x 1/4" S.S. 2" O.C. MIN.
- 3"x3"x1/4" x 5' LONG GALVANIZED STEEL ANGLE.
- NUT, TOP AND BOTTOM.
- NUT AND WASHER, TOP AND BOTTOM.
- 3/8" THREADED ROD THROUGH SUPPORT MEMBER WITH NUT AND WASHER EA END.
- UNIVERSAL SWAY BRACE UPPER ATTACHMENT, B-LINE TOLCO FIG. 980 OR EQUAL.
- 2"x2"x1/4" x 1-5/8" WIDE GALVANIZED STEEL ANGLE, B-LINE MODEL B154 OR EQUAL.
- CABLE THIMBLE AND CABLE CLIPS.



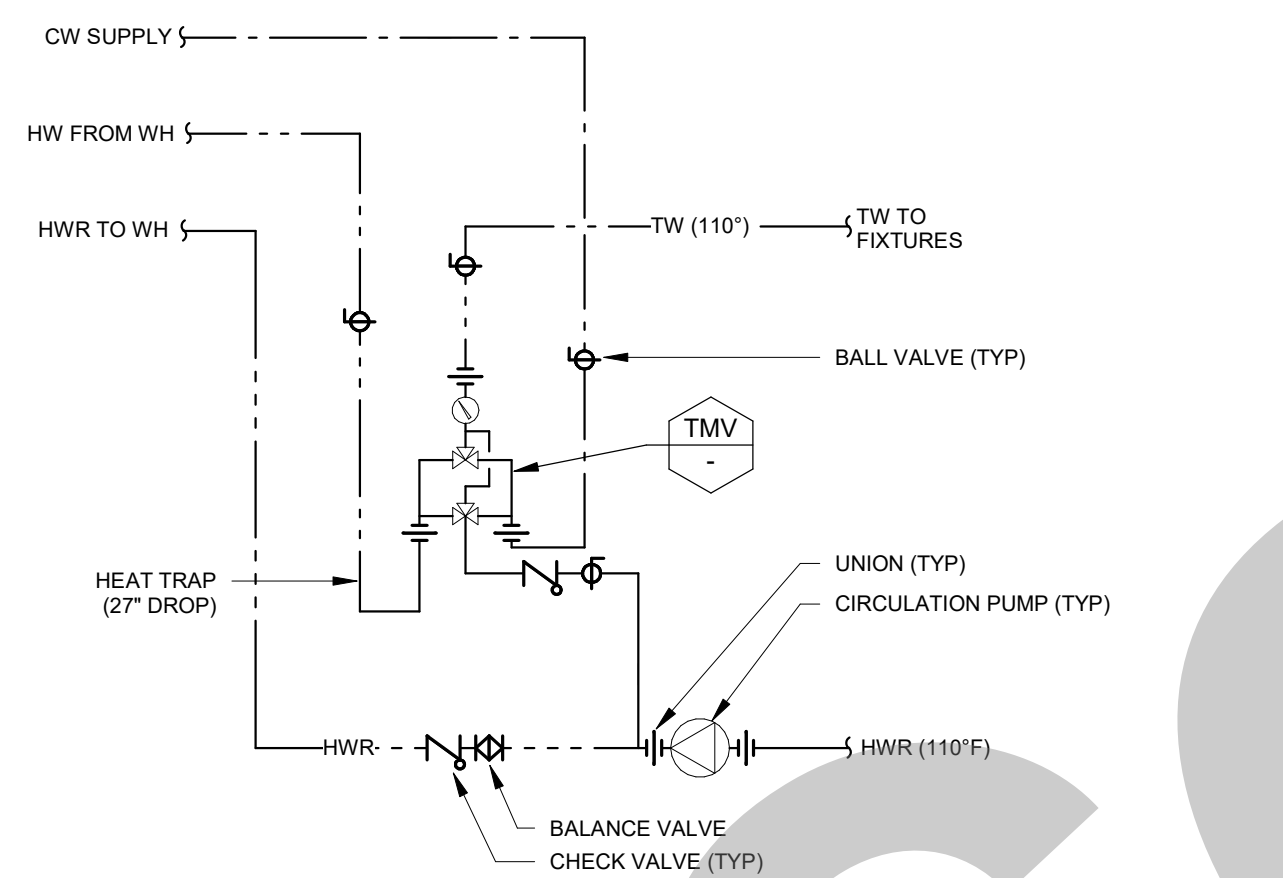
HANGER UPPER ATTACHMENTS NTS 9

- PIPE. SEE PLAN FOR SIZE AND ROUTING.
- PIPE INSULATION WHERE APPLICABLE. SEE SPECIFICATIONS. PROVIDE INSULATION PROTECTION SADDLE, MIN. 12" LONG, B-LINE B3151 OR EQUAL. MAY BE SUBSTITUTED FOR PRE-INSULATED CALCIUM SILICATE SHEILD SUPPORT, B-LINE B316 OR EQUAL.
- STANDARD CLEVIS PIPE HANGER, COATED OR PLATED TO ISOLATE HANGER FROM DISSIMILAR METAL PIPING, B-LINE B3100 OR EQUAL.
- ADJUSTABLE 2" PIPE HANGER, COATED OR PLATED TO ISOLATE HANGER FROM DISSIMILAR METAL PIPING, B-LINE B3090 OR EQUAL.
- 3/8" THREADED ROD, B-LINE ATR OR EQUAL.
- 1-5/8" x 1-5/8" x 1/2 GA UNISTRUT CHANNEL, B-LINE B22 OR EQUAL.
- ROD STIFFENERS, B-LINE TOLCO MODEL 988 OR EQUAL, MIN. 1" FROM TOP AND BOTTOM OF UNISTRUT AND MAX. 28" O.C., TORQUE TO 10 FT-LBS.
- 3/20" PRE-STRETCHED GALVANIZED AIRCRAFT CABLE, 7x19 STRAND CORE.
- 2"x2"x1/4" x 1-5/8" WIDE GALVANIZED STEEL ANGLE, B-LINE MODEL B154 OR EQUAL.
- CABLE THIMBLE AND CABLE CLIPS.
- NUT AND WASHER, TOP AND BOTTOM.
- NUT, TOP AND BOTTOM WITH UNISTRUT SQUARE WASHER, B-LINE MODEL B2012N OR EQUAL.
- PIPE CLAMP, B-LINE SERIES B2000 OR EQUAL.

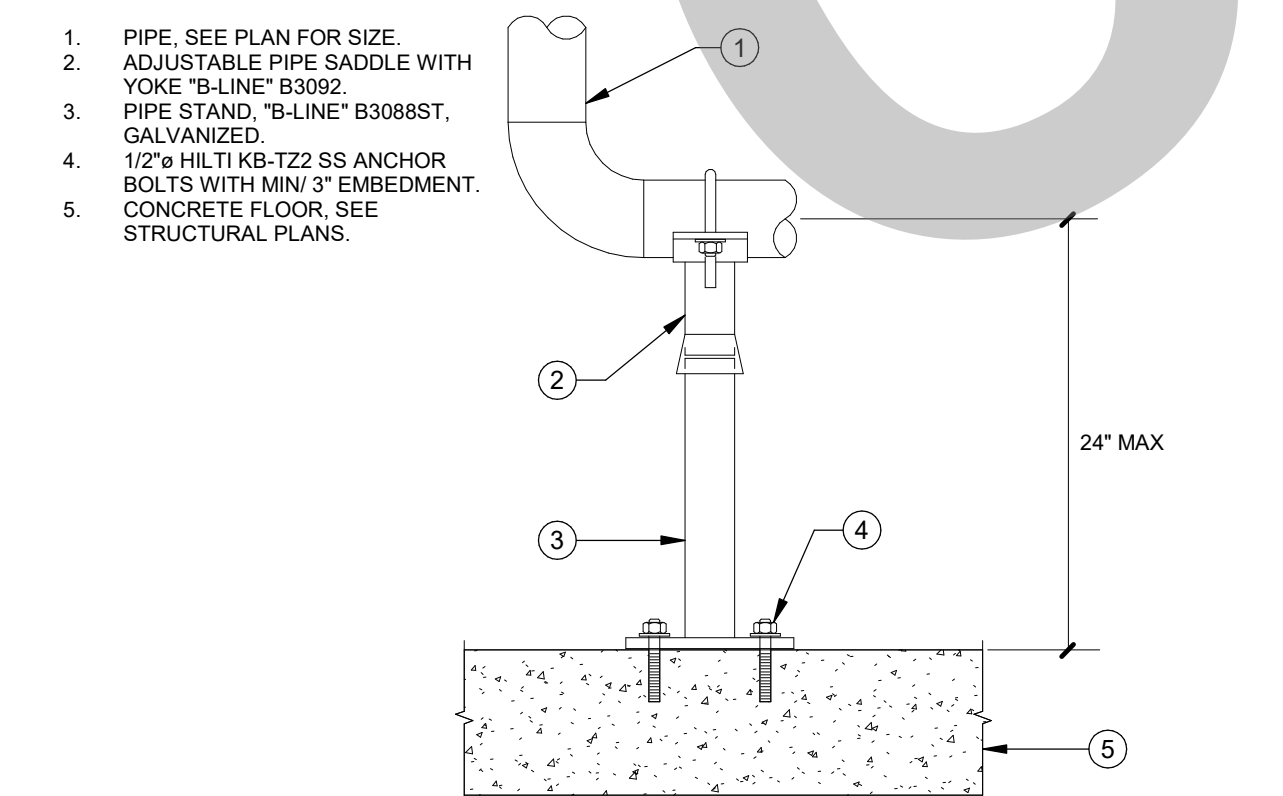


- NOTES:
- HANGER SPACING TO BE PER SPECIFICATIONS. MAXIMUM SPACING MAY NOT EXCEED 2019 CPC TABLE 313.3.
 - PROVIDE ROD STIFFENERS ONLY WHERE ROD LENGTH FROM SEISMIC BRACING TO UPPER ATTACHMENT EXCEEDS 10'.
 - SEISMIC RESTRAINTS ARE NOT REQUIRED FOR 3/4" AND SMALLER GAS PIPING, AND FOR ALL OTHER PIPING 2" AND SMALLER.
 - SEISMIC RESTRAINTS ARE NOT REQUIRED FOR ALL PIPING SUSPENDED BY INDIVIDUAL HANGERS 12" OR LESS IN LENGTH FROM TOP OF PIPE TO BOTTOM OF ATTACHMENT TO STRUCTURE.

PIPE HANGER DETAIL NTS 10

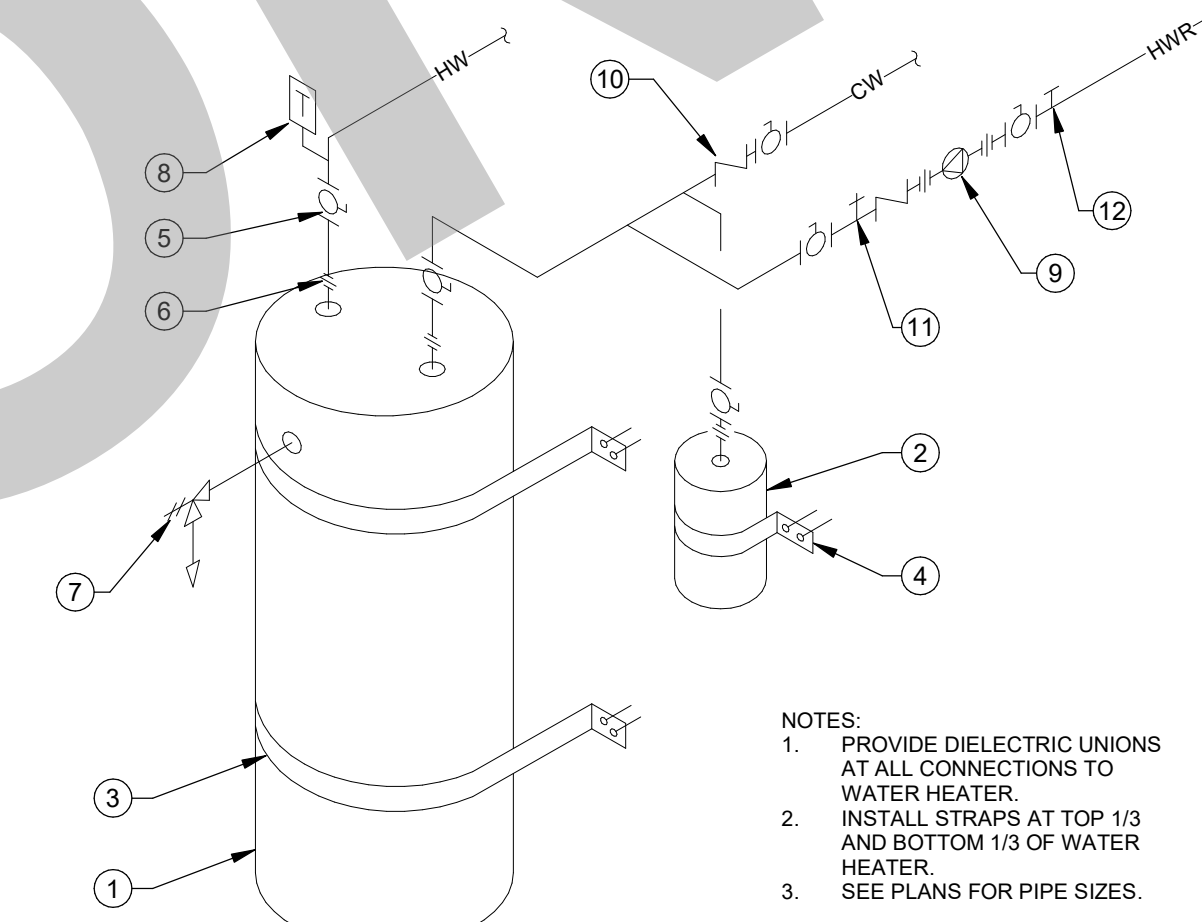


HIGH-LOW THERMAL MIXING VALVE NTS 12



PIPE SUPPORT ON FLOOR NTS 13

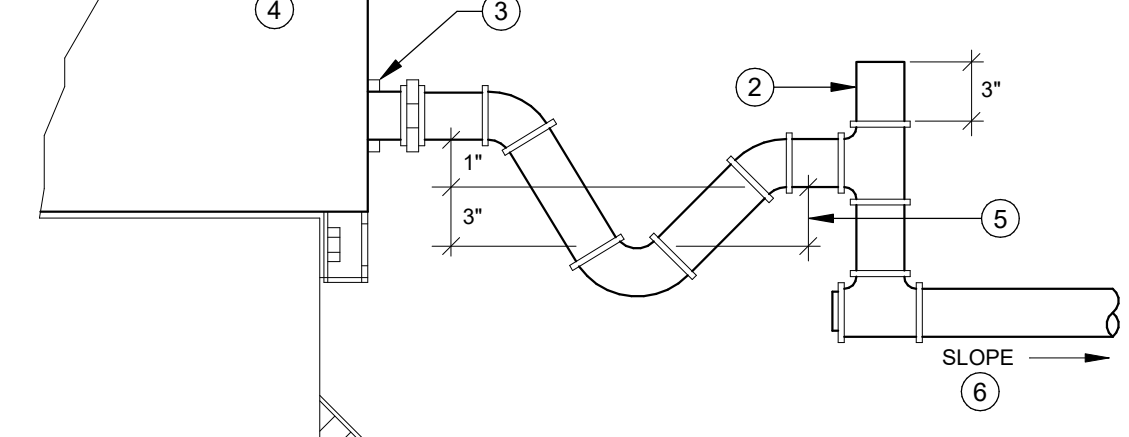
- WATER HEATER. SEE PLUMBING FIXTURE SCHEDULE.
- EXPANSION TANK. SEE PLUMBING FIXTURE SCHEDULE.
- 2" WIDE 3/4 GA STEEL STRAP AROUND WATER HEATER. SECURE TO CMU WALL WITH (2) 1/4" HILTI SS KB3 ICC-ESR-1385, 3-3/4" EMBEDMENT, EACH END, TYP.
- 2" WIDE 3/4 GA STEEL STRAP AROUND EXPANSION TANK. SECURE TO CMU WALL WITH (2) 1/4" HILTI SS KB3 ICC-ESR-1385, 3-3/4" EMBEDMENT, EACH END, TYP.
- BALL VALVE, TYP.
- HEAT TRAP NIPPLE/UNION, TYP.
- FULL SIZE TEMP. & PRESSURE RELIEF, ROUTE FULL SIZE DRAIN TO APPROVED RECEPTOR WITH 1" AIRGAP.
- THERMOMETER.
- CIRCULATION PUMP. SEE PLUMBING FIXTURE SCHEDULE.
- CHECK VALVE, TYP.
- HOSE BIBB FOR SYSTEM FRAMING.
- AUTOMATIC AIR VENT WHEN PUMP IS INSTALLED IN HORIZONTAL POSITION, MOUNT ON TOP OF VERTICAL RISER AT LEAST 12" IN LENGTH WITHIN 4 FEET FROM PUMP.



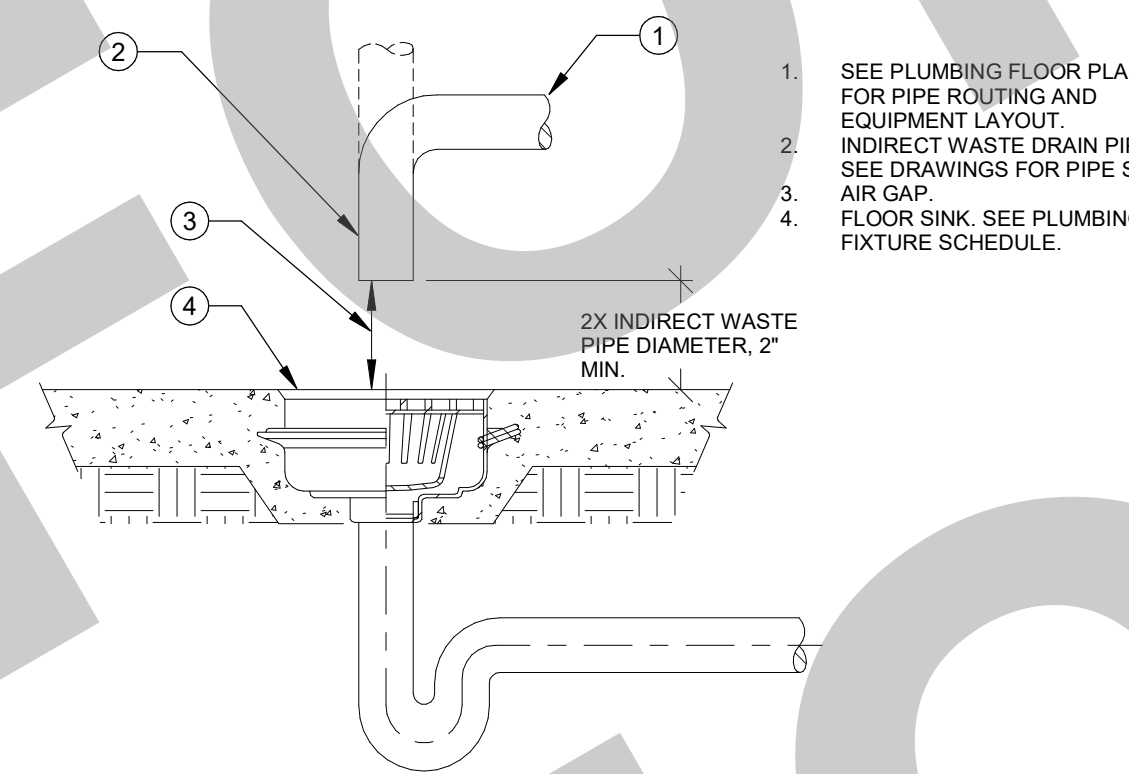
ELECTRIC WATER HEATER DETAIL NTS 11

- NOTES:
- PROVIDE DIELECTRIC UNIONS AT ALL CONNECTIONS TO WATER HEATER.
 - INSTALL STRAPS AT TOP 1/3 AND BOTTOM 1/3 OF WATER HEATER.
 - SEE PLANS FOR PIPE SIZES.

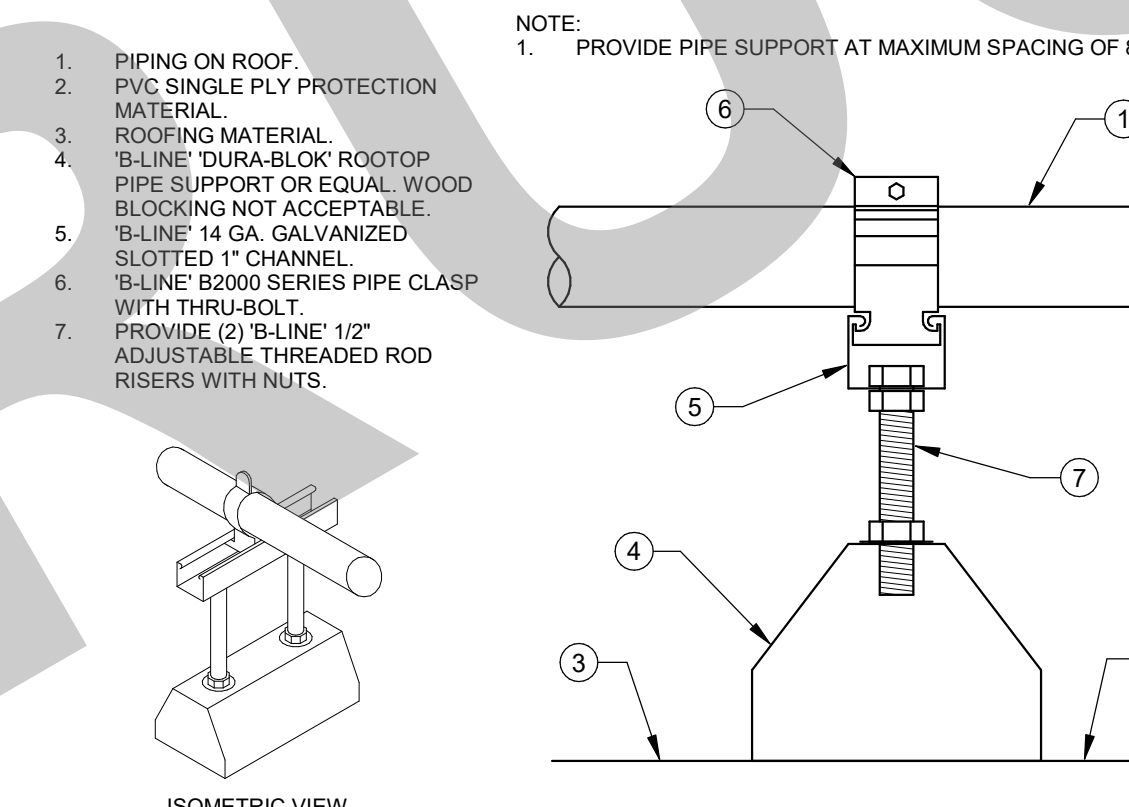
- SEE PLAN FOR CONTINUATION.
- OPEN TEE.
- CONNECTION TO DRAIN STUB. NEOPRENE COVERED HOSE AT UNITS MOUNTED ON VIBRATION ISOLATORS NIPPLES & UNION AT ALL OTHERS.
- MECH. EQUIPMENT CASING.
- DEEP TRAP SEAL. MAKE UP TRAP OUT OF NIPPLES AND FITTINGS. DELETE IF UNIT IS EQUIPPED WITH AN INTERNAL TRAP.
- SLOPE HORIZONTAL LINE 1/8" PER FOOT (MIN) PLUG TEE (CO) AT EACH CHANGE OF DIRECTION.



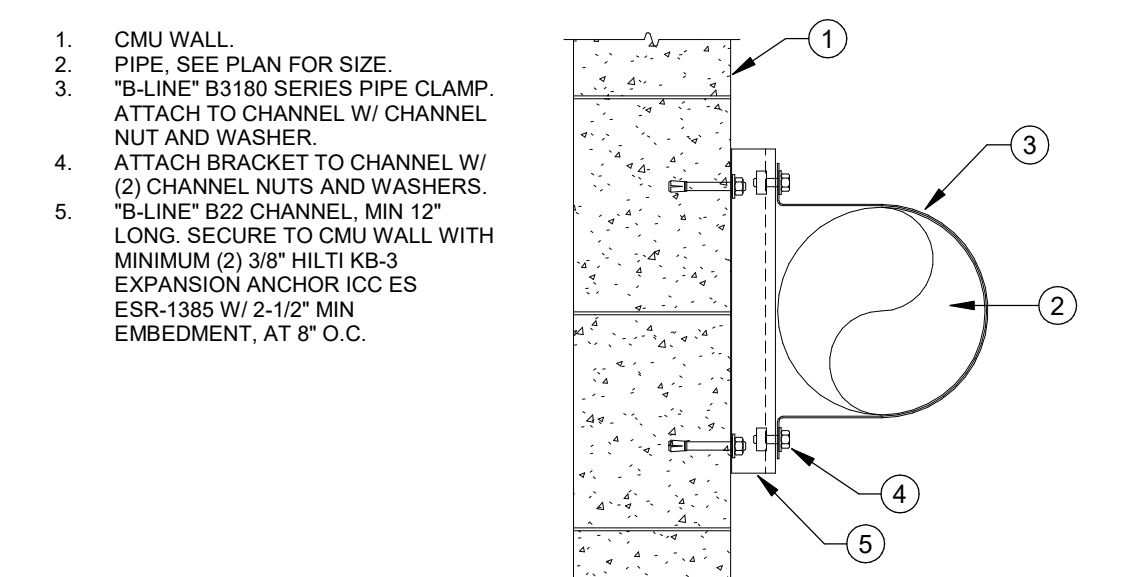
CONDENSATE DRAIN CONNECTION NTS 5



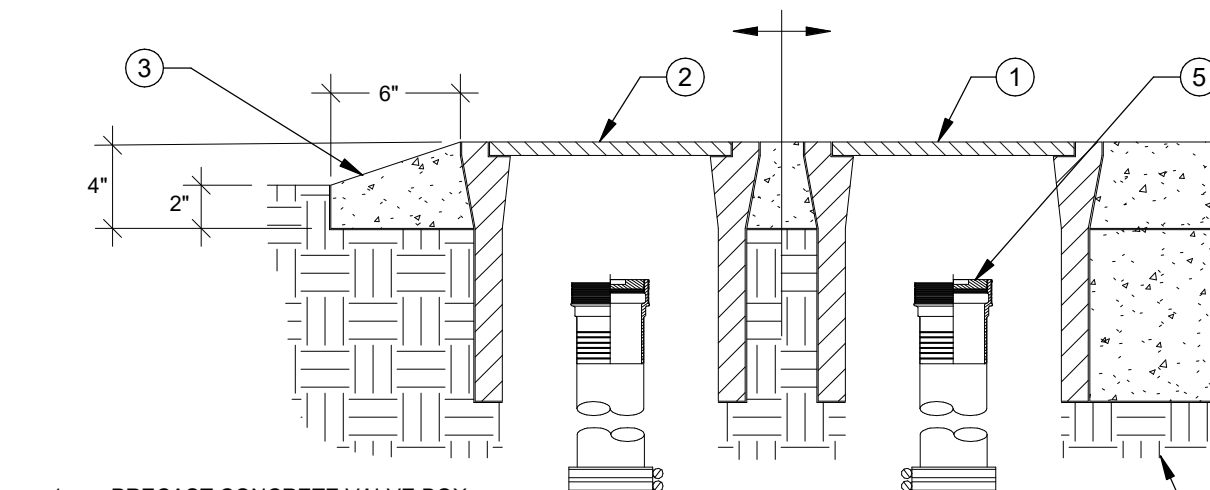
INDIRECT WASTE DETAIL NTS 6



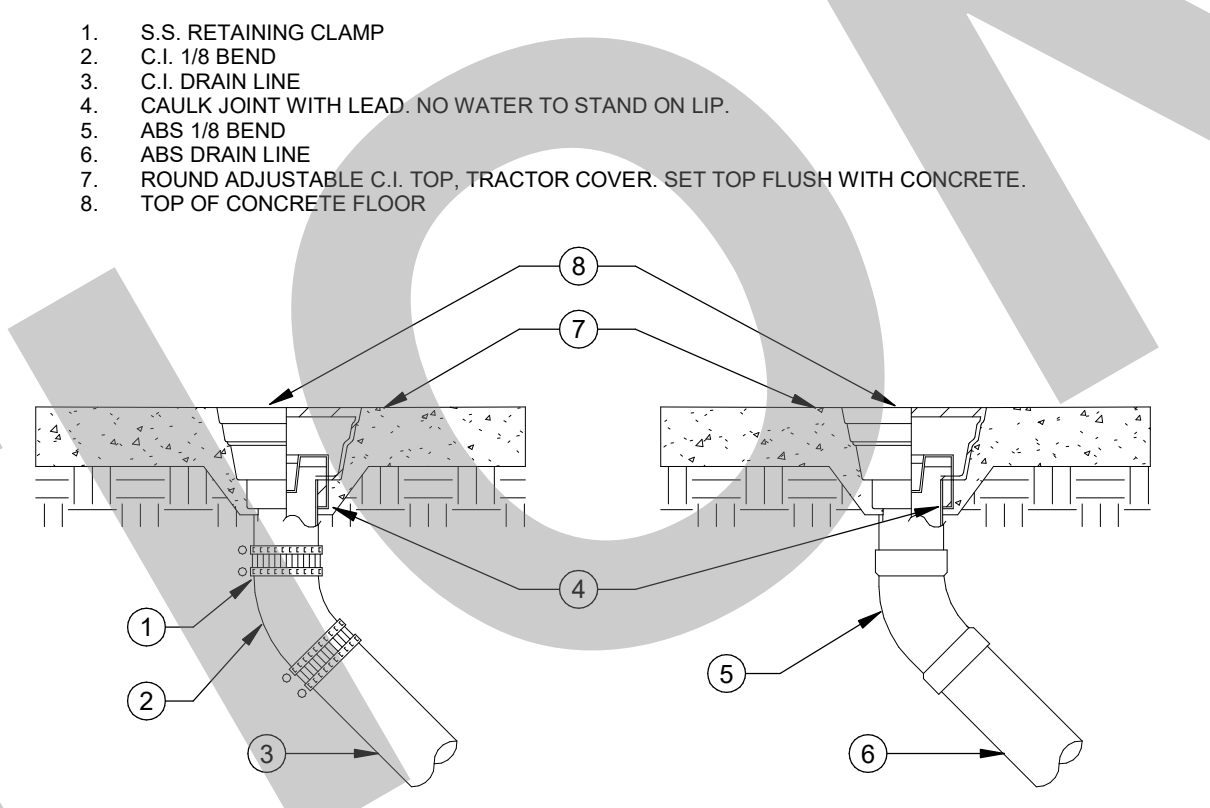
CONDENSATE PIPE SUPPORT ON ROOF NTS 7



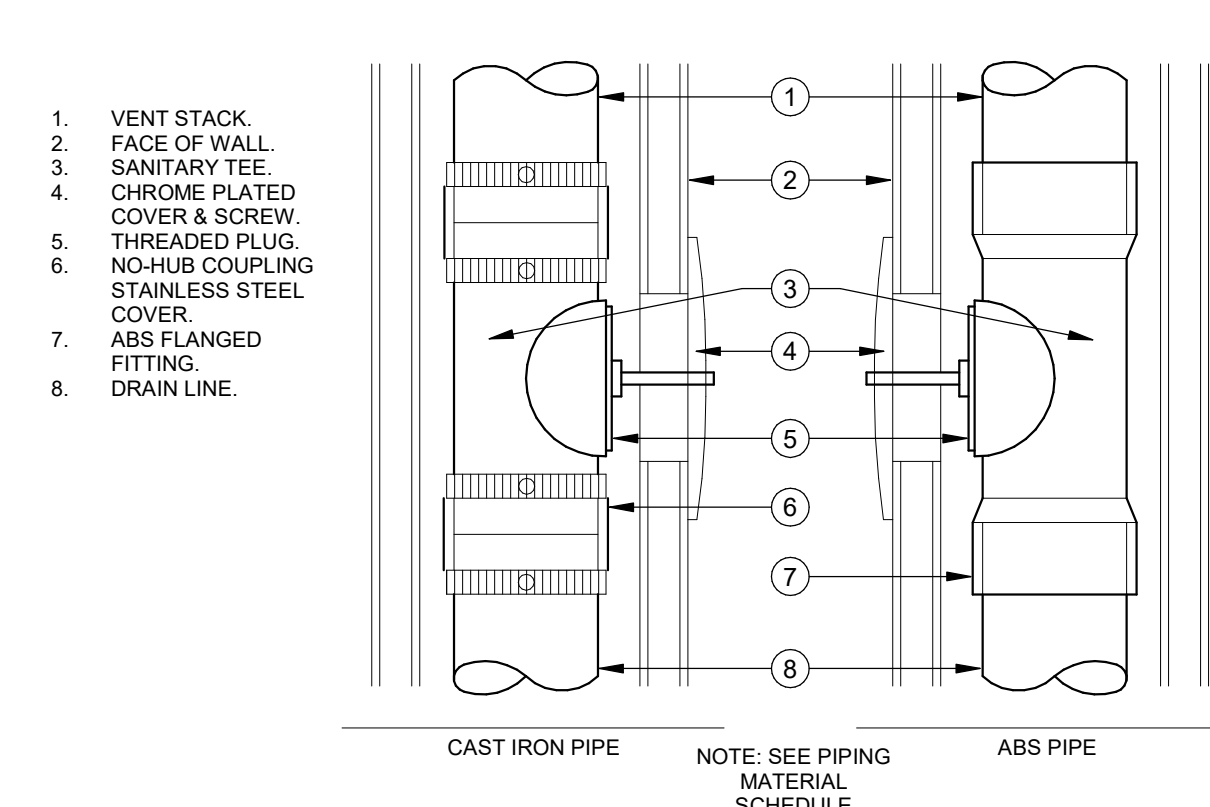
PIPE SUPPORT ON WALL - HORIZONTAL NTS 8



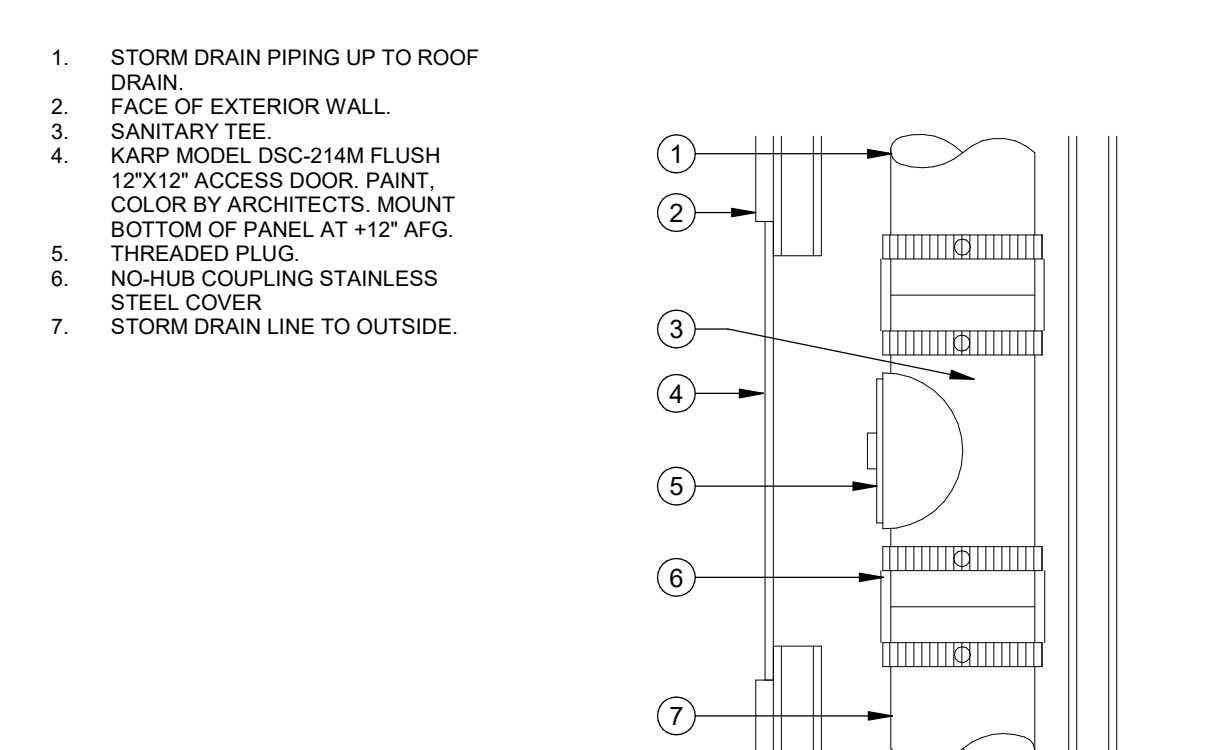
TWO-WAY CLEANOUT (COTG) NTS 1



FLOOR CLEANOUT (FCO) NTS 2



WALL CLEANOUT (WCO) NTS 3



STORM DRAIN WALL CLEANOUT NTS 4

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NO.	REMARKS	DATE

REVISION HISTORY

DATE

PLAN CHECK
BACK CHECK
BIDDING
CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

DESIGN DEVELOPMENT

AQUATIC FACILITIES
RENOVATION &
REPLACEMENT -
VICTORY PARK POOL CITY
PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

PLUMBING DETAILS

Date: MM/DD/YYYY
Project Number: 22009
Application Number: XX-XXXXX
Drawing Number: P0.2
Drawn: Author
Checked: Checker

APPROVAL STAMP

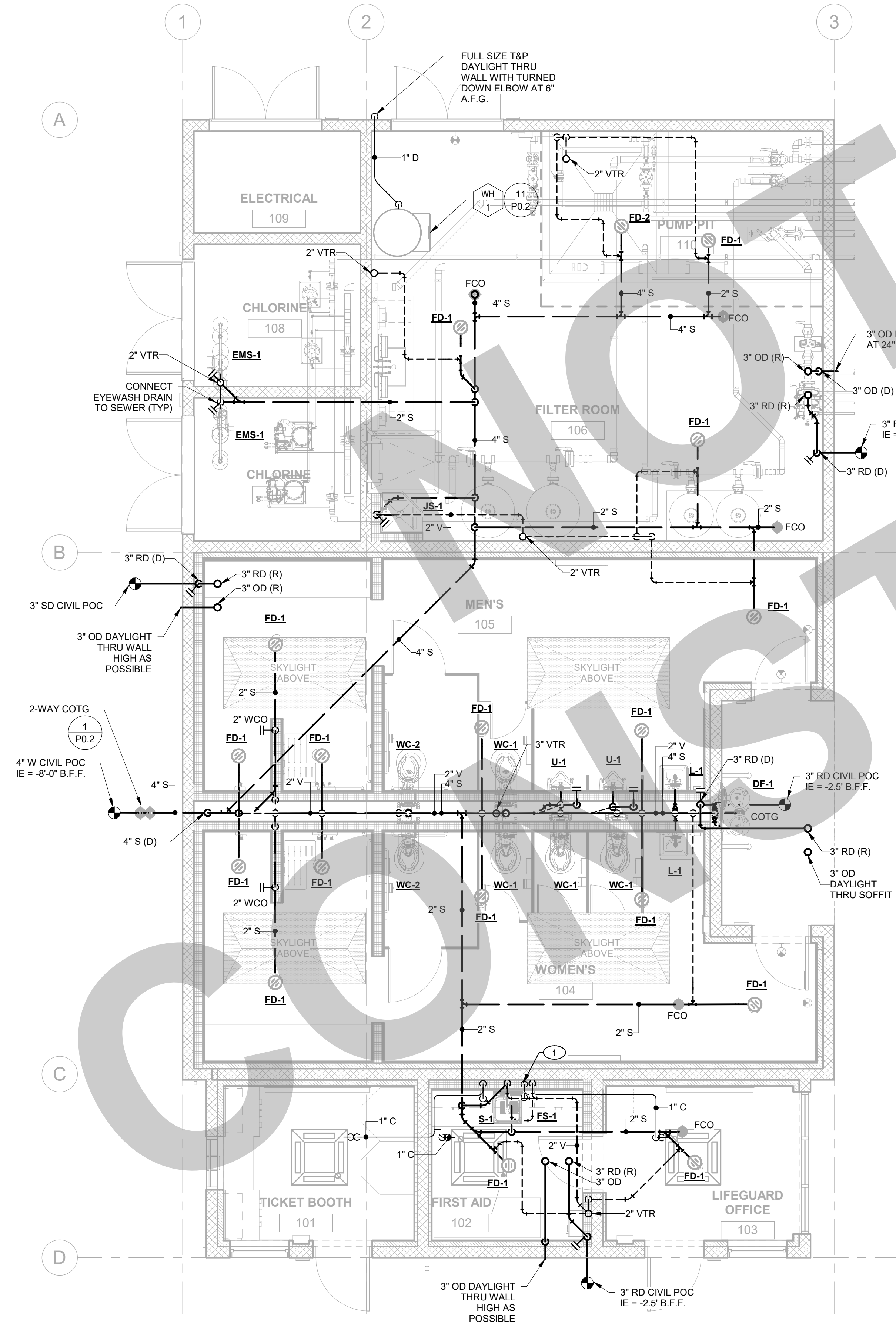
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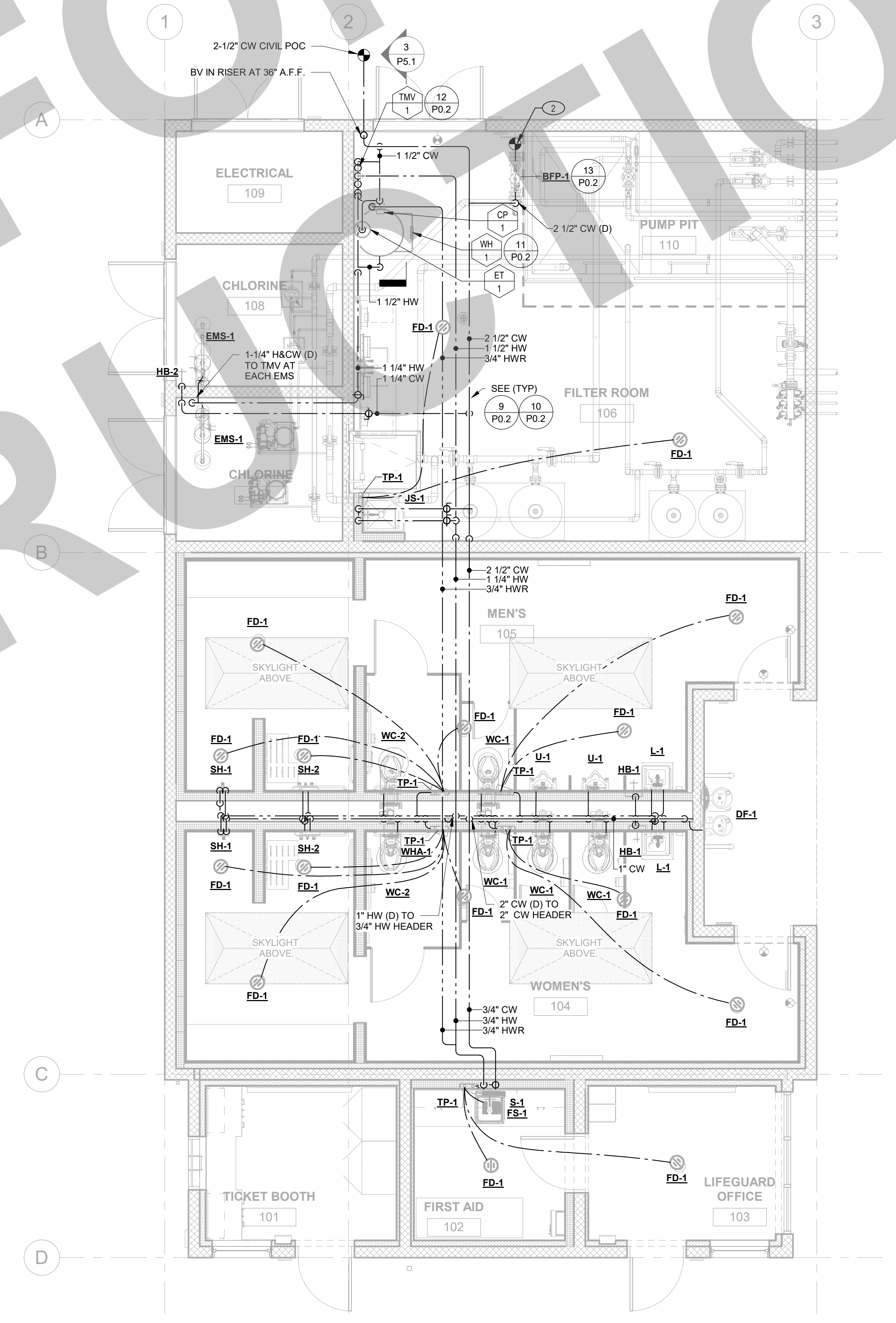
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- KEY NOTES**
- 1" CONDENSATE (D) IN WALL. SPILL TO FLOOR SINK WITH AIR GAP.
 - 2" CW POOL MAKE UP WATER SUPPLY. COORDINATE WITH AQUATICS PLANS.



2 PLUMBING FLOOR PLAN - WASTE & VENT
SCALE: 1/4" = 1'-0"



1 PLUMBING FLOOR PLAN - DOMESTIC WATER
SCALE: 1/4" = 1'-0"

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

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DESIGN DEVELOPMENT

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VICTORY PARK POOL CITY**
PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

PLUMBING FLOOR PLAN

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number P2.1
Drawn Author	Checked Checker

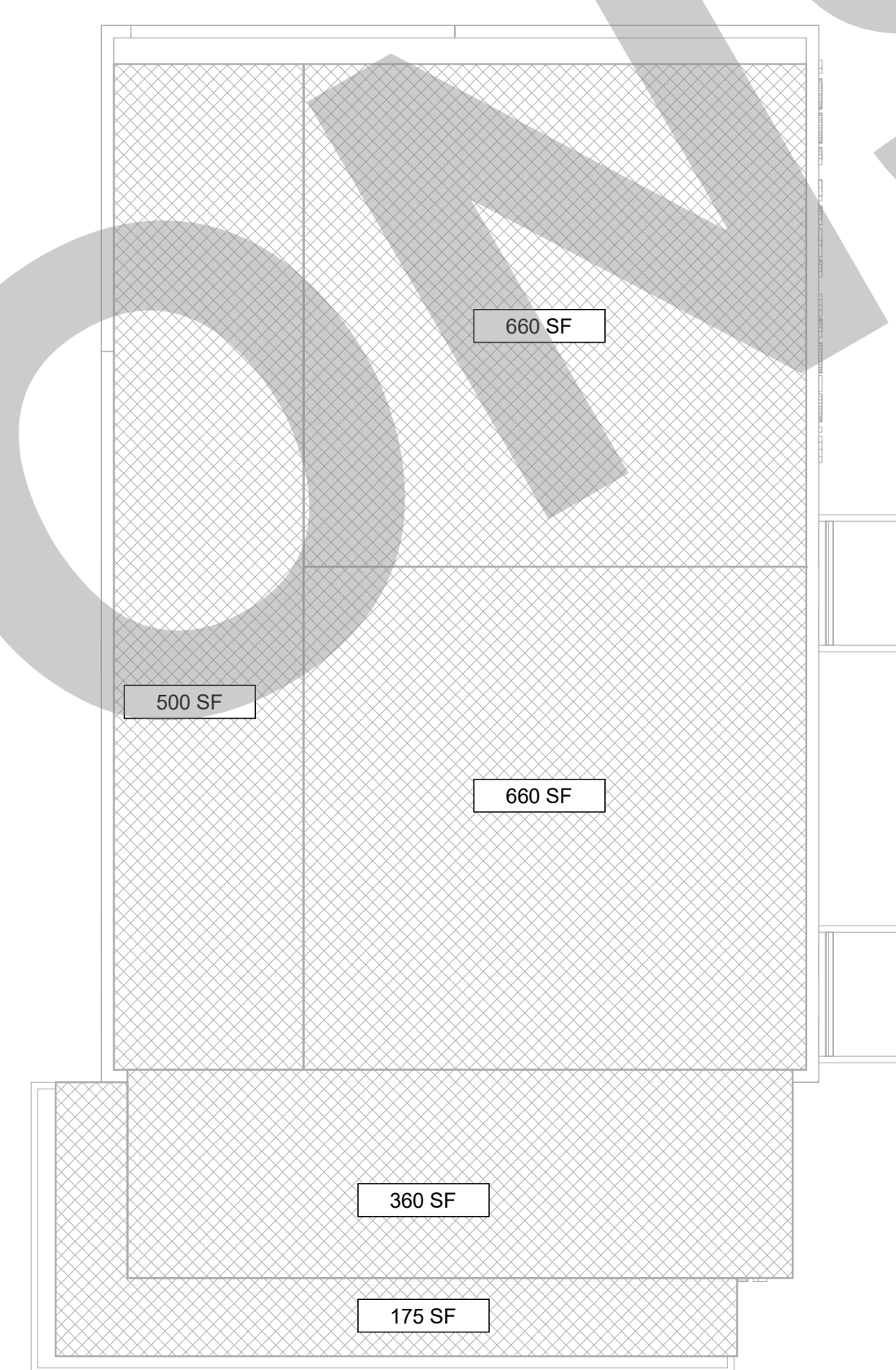
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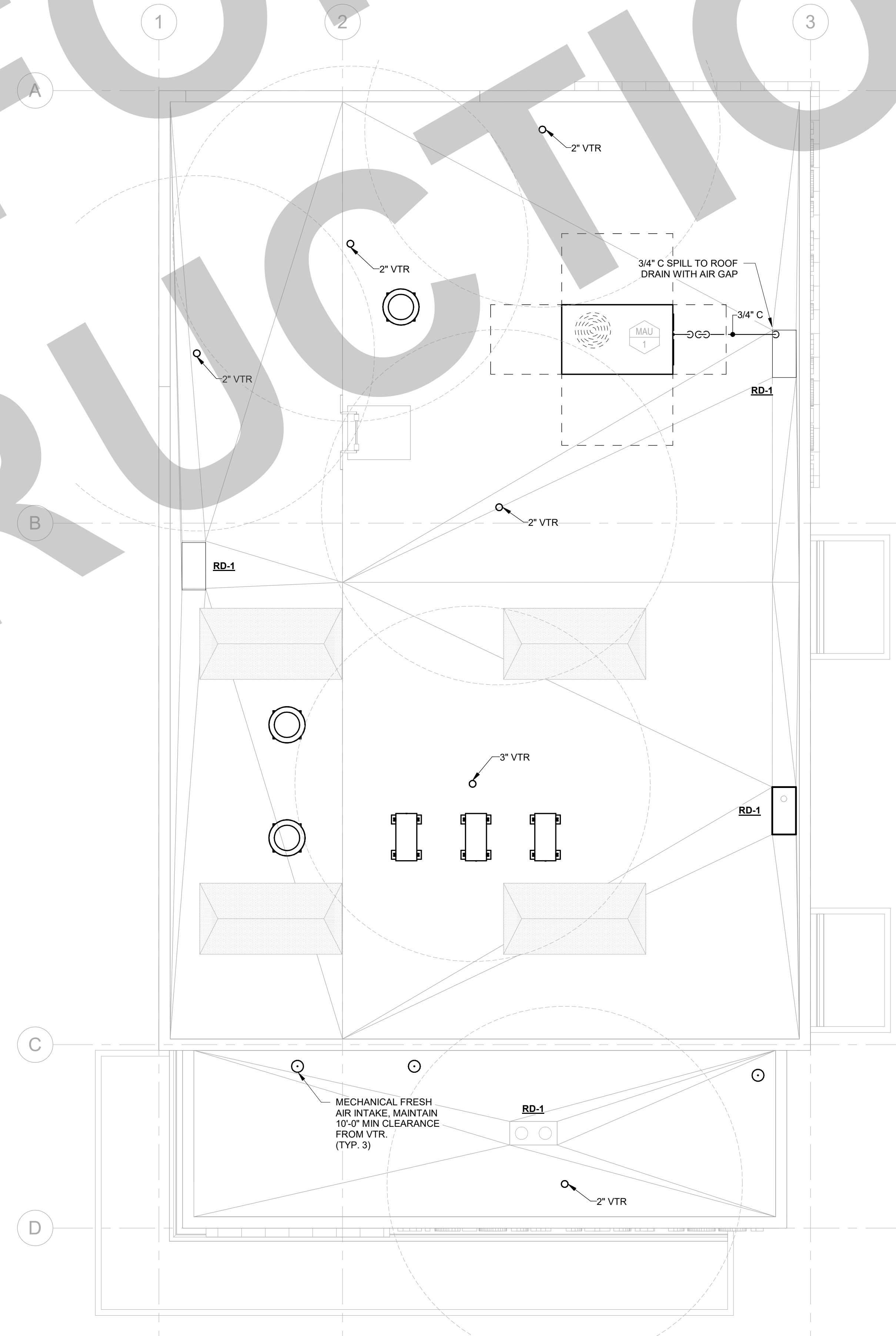
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NOT FOR CONSTRUCTION



2 PLUMBING ROOF AREA CALCULATIONS
 SCALE: NONE



1 PLUMBING ROOF PLAN
 SCALE: 1/4" = 1'-0"

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 425 N EL DORADO STREET
 STOCKTON, CA 95202

DESIGN DEVELOPMENT

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 RENOVATION &
 REPLACEMENT -
 VICTORY PARK POOL CITY
 PROJECT NO. CR18020
 1201 N PERSHING AVE
 STOCKTON, CA 95203

PLUMBING ROOF PLAN

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number P4.1
Drawn Author	Checked Checker

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DRAWING STATUS	DATE
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KEY PLAN

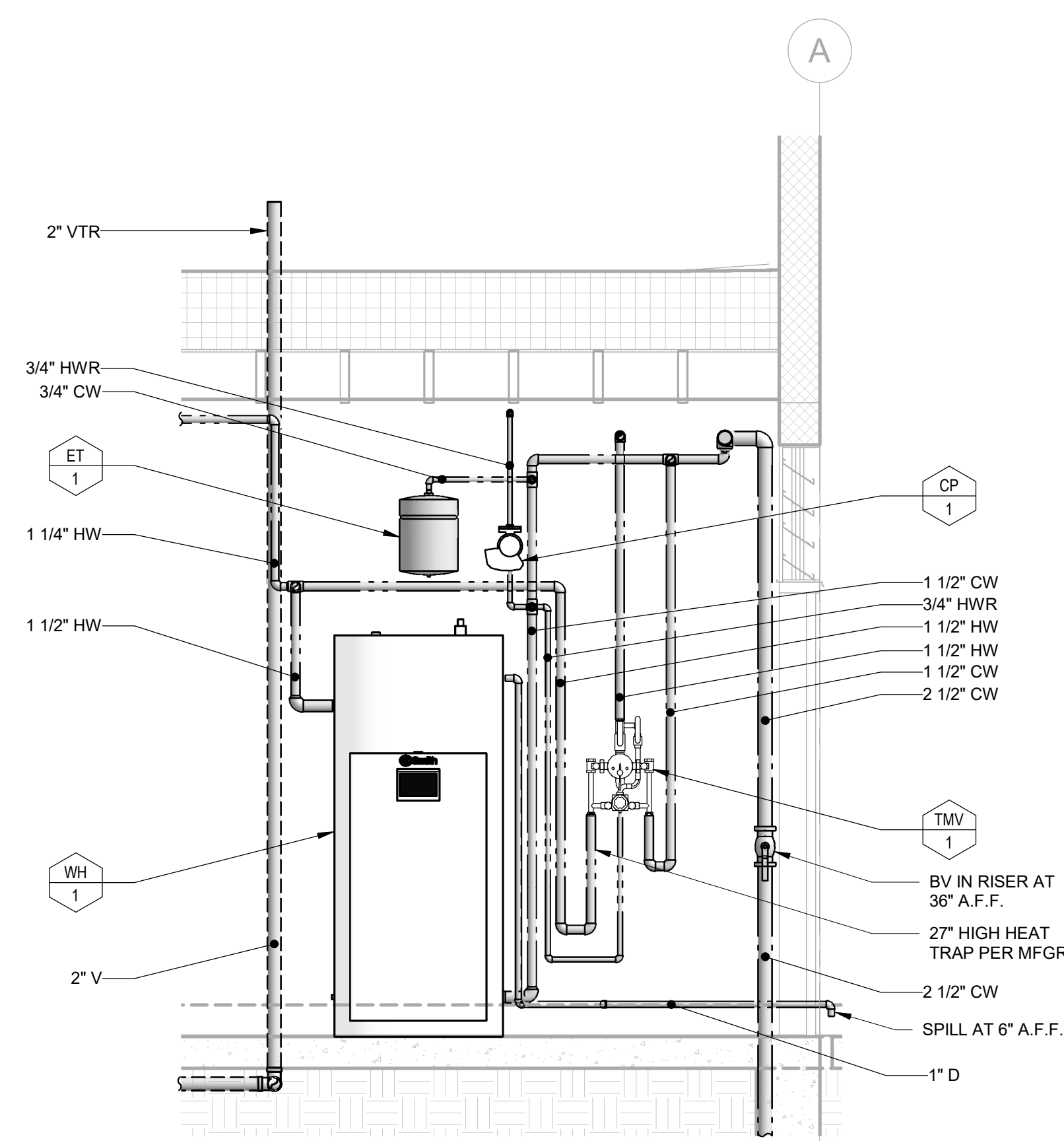
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STOCKTON, CA 95202

DESIGN DEVELOPMENT

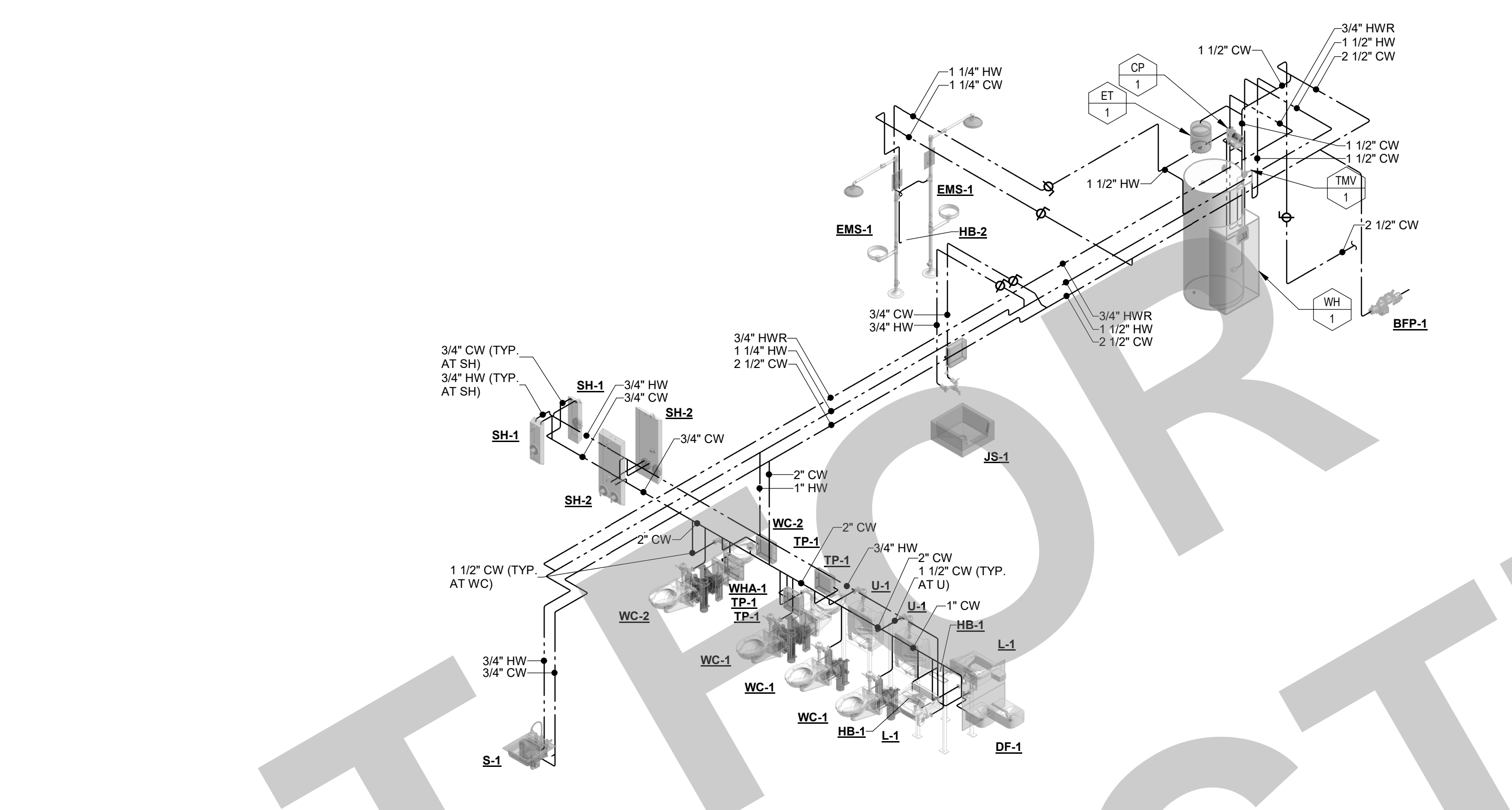
AQUATIC FACILITIES
RENOVATION &
REPLACEMENT -
VICTORY PARK POOL CITY
PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

PLUMBING ISOMETRICS
AND ELEVATIONS

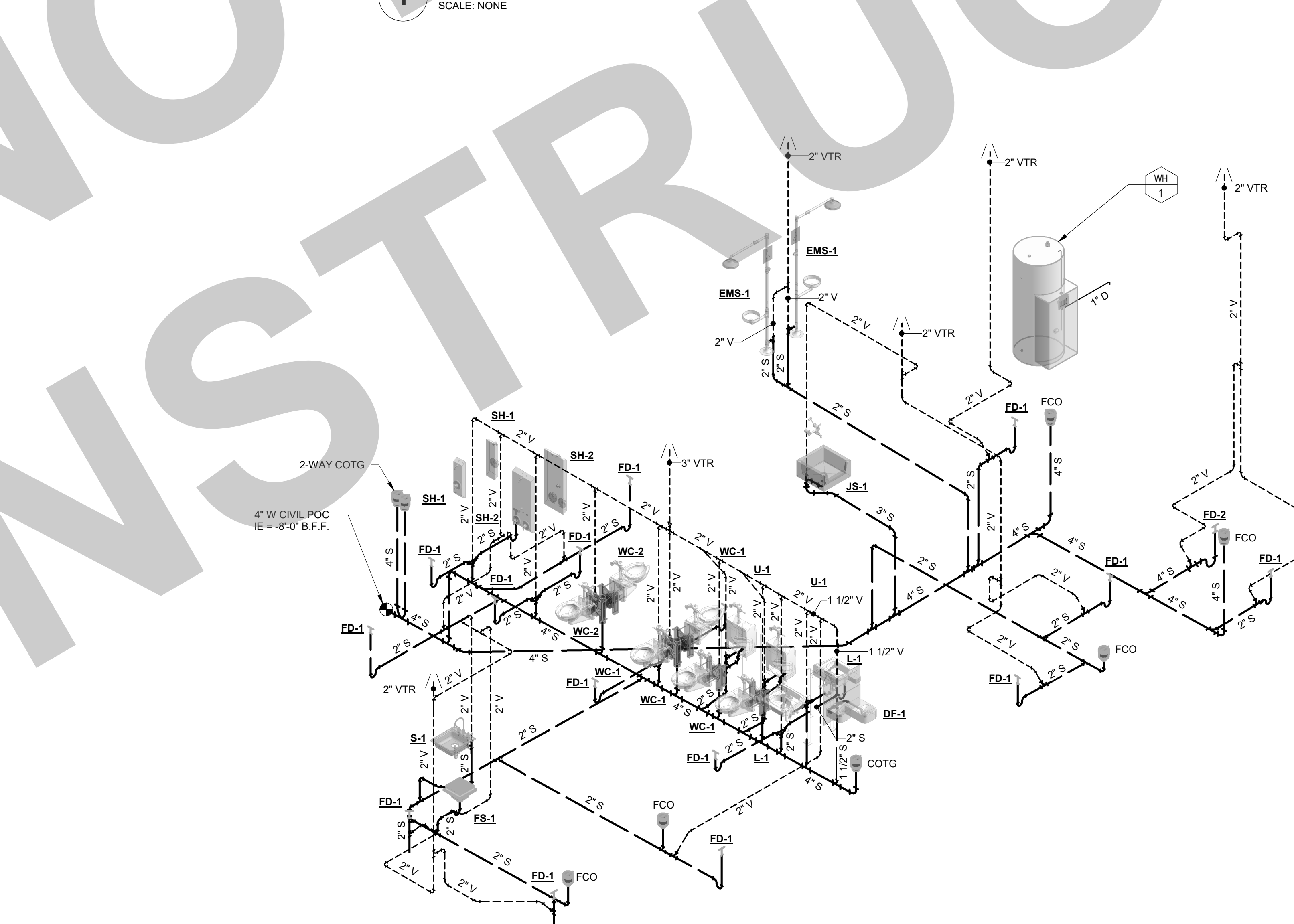
Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number P5.1
Drawn Author	Checked Checker



3 WATER HEATER ELEVATION
SCALE: 1/2" = 1'-0"



1 PLUMBING ISOMETRIC - DOMESTIC WATER
SCALE: NONE



2 PLUMBING ISOMETRIC - WASTE & VENT
SCALE: NONE

OCCUPANCY AND DAYLIGHTING SENSOR NOTES

1. OCCUPANCY SENSORS AND DAYLIGHTING SENSORS SYSTEMS OPERATION:
- A. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND AIM SENSORS IN THE CORRECT LOCATION REQUIRED FOR COMPLETE AND PROPER VOLUMETRIC COVERAGE WITHIN THE RANGE OF COVERAGES(80 TO ONE HUNDRED) (100) PERCENT COVERAGE TO MANUFACTURERS RECOMMENDATIONS. ROOMS SHALL HAVE NINETY (90) TO ONE HUNDRED (100) PERCENT COVERAGE TO COMPLETELY COVER THE CONTROLLED AREA TO ACCOMMODATE OCCUPANCY HABITS OF SINGLE OR MULTIPLE OCCUPANTS AT ANY LOCATION WITHIN THE ROOMS. THE LOCATIONS AND QUANTITIES OF SENSORS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE ONLY THE ROOMS THAT ARE TO BE PROVIDED WITH SENSORS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL SENSORS IF REQUIRED TO PROPERLY AND COMPLETELY COVER THE RESPECTIVE ROOM.
- B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE A PRE-INSTALLATION MEETING WITH MANUFACTURER'S FACTORY AUTHORIZED REPRESENTATIVE. AT THE OWNER'S FACILITY. TO VERIFY PLACEMENT OF SENSORS AND INSTALLATION CRITERIA.
- C. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE PROPER ADJUSTMENTS TO ASSURE OWNER'S SATISFACTION WITH THE OCCUPANCY SYSTEM. IF THE CONTRACTOR IS INCAPABLE TO MAKE PROPER ADJUSTMENTS, THE CONTRACTOR SHALL PROVIDE THE FACTORY MANUFACTURER'S RESPONSIBILITY TO MAKE PROPER ADJUSTMENTS AND TRAIN OWNER'S PERSONNEL TO ENSURE OWNER'S SATISFACTION WITH THE OCCUPANCY SYSTEM.
- D. PROPER JUDGMENT MUST BE EXERCISED IN EXECUTING THE INSTALLATION SO AS TO ENSURE THE BEST POSSIBLE INSTALLATION IN THE AVAILABLE SPACE AND TO OVERCOME LOCAL DIFFICULTIES DUE TO SPACE LIMITATIONS OR INTERFERENCE OF STRUCTURAL COMPONENTS. THE CONTRACTOR SHALL ALSO PROVIDE, AT THE OWNER'S FACILITY, THE TRAINING NECESSARY TO FAMILIARIZE THE OWNER'S PERSONNEL WITH THE OPERATION, USE, ADJUSTMENT, AND PROBLEM SOLVING DIAGNOSIS OF THE OCCUPANCY SENSING DEVICES AND SYSTEMS.
2. OCCUPANCY SENSORS AND DAYLIGHTING SENSORS COMMISSIONING:
- A. UPON COMPLETION OF THE INSTALLATION, CONTRACTOR SHALL PROVIDE A COMPLETE SYSTEM COMMISSIONED BY THE MANUFACTURER'S FACTORY AUTHORIZED TECHNICIAN WHO WILL VERIFY ADJUSTMENTS AND SENSOR PLACEMENT TO ENSURE A TROUBLE-FREE OCCUPANCY-BASED LIGHTING CONTROL SYSTEM.
- B. UPON COMPLETION OF THE SYSTEM FINE TUNING, THE CONTRACTOR SHALL ARRANGE FOR THE FACTORY AUTHORIZED TECHNICIAN TO PROVIDE THE PROPER TRAINING TO THE OWNER'S PERSONNEL IN THE ADJUSTMENT AND MAINTENANCE OF THE SENSORS.
- C. LIGHTING CONTROLS COMMISSIONING, INSPECTIONS (INCLUDING STATE OF CALIFORNIA ENERGY COMMISSION INSPECTION FORBID AND APPLICATIONS, TESTING, PROGRAMMING AND TUNING OF LIGHTING CONTROL SENSORS, DEVICES AND COMPONENTS, ETC. SHALL BE INCLUDED IN THE LIGHTING CONTROL PACKAGE AND PRICE ANY LABOR, TOOLS AND MATERIALS REQUIRED TO PROVIDE A COMPLETE LIGHTING CONTROL SYSTEM SHALL BE AT NO EXTRA COST TO THE OWNERS OR END-USERS.

EQUIPMENT ANCHORAGE NOTES

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC SECTIONS 1817A.1.18 THROUGH 1817A.1.28 AND ASCE 7-16 CHAPTERS 13, 26 AND 30.

- PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER, PERMANENTLY ATTACHED) SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING AND DUCTWORK DISTRIBUTION SYSTEM BRACING NOTES

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.8.5, 13.6.6, 13.6.7, 13.6.8, AND 2022 CBC, SECTIONS 1817A.1.24, 1817A.1.26 AND 1817A.1.28.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G. OSHPD OR FIA FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEM. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP	MD	PP	E	OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
MP	MD	PP	E	OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (CPM#) #_____.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

PROJECT CODES AND STANDARDS:

PARTIAL LIST OF APPLICABLE CODES AND STANDARDS EFFECTIVE: JANUARY 1, 2023

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC)

2022 CALIFORNIA BUILDING CODE (CBC)

2022 CALIFORNIA ELECTRICAL CODE (CEC)

2022 CALIFORNIA ENERGY CODE

2022 CALIFORNIA FIRE CODE (CFC)

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

2022 CALIFORNIA REFERENCED STANDARDS CODE

2025 IBC 7: NATIONAL FIRE ALARM AND SIGNALING CODE, NATIONAL FIRE PROTECTION ASSOCIATION

GENERAL NOTES

ALL GENERAL NOTES SHOWN BELOW ARE NOT NECESSARILY USED ON PLANS IF NOT REQUIRED.

- THESE GENERAL NOTES ARE INTENDED TO ASSIST THE CONTRACTOR IN THE EXECUTION OF THE ELECTRICAL WORK AND TO BE INCLUDED IN CONJUNCTION WITH THE CONTRACT DOCUMENT DRAWINGS AND SPECIFICATION REQUIREMENTS. SOME OF THE GENERAL NOTES ARE EXCEPTS FROM THE SPECIFICATION.
- PROCURE PERMITS AND LICENSES REQUIRED, PAY ALL NECESSARY FEES AND ARRANGE FOR INSPECTIONS REQUIRED BY LOCAL CODES AND ORDINANCES AND UTILITY COMPANIES.
- COORDINATE ALL ELECTRICAL SERVICES WITH THE RESPECTIVE UTILITY COMPANIES AND PROVIDE ALL TRENCHING, CONDUITS, WORKMANSHIP SHALL BE OF THE HIGHEST GRADE. DEFECTIVE EQUIPMENT OR EQUIPMENT DAMAGED IN THE COURSE OF INSTALLATION OR TEST SHALL BE REPLACED OR REPAIRED IN A MANNER MEETING WITH THE ACCEPTANCE OF THE ARCHITECT.
- WORKMANSHIP SHALL BE OF THE HIGHEST GRADE. DEFECTIVE EQUIPMENT OR EQUIPMENT DAMAGED IN THE COURSE OF INSTALLATION OR TEST SHALL BE REPLACED OR REPAIRED IN A MANNER MEETING WITH THE ACCEPTANCE OF THE ARCHITECT.
- INSTALL ALL EQUIPMENT, CONDUITS, OUTLETS, AND FIXTURES IN STRICT ACCORDANCE WITH THE CURRENT EDITION OF ALL APPLICABLE CODES (GFCI, STATE, COUNTY AND CITY).
- DO NOT SCALE PLANS FOR FIXTURES, DEVICES, OR APPLIANCE LOCATIONS. USE FIGURED DIMENSIONS IF GIVEN OR CHECK MECHANICAL AND ARCHITECTURAL PLANS. ALSO REFER TO ACTUAL ON-SITE CONDITIONS.
- ALL MATERIAL AND EQUIPMENT IS TO BE LISTED AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND CEC 110.3.
- ALL ELECTRICAL DEVICES AND EQUIPMENT, FIXTURES, CONDUITS AND WIRING SHOWN ON THESE PLANS ARE NEW, UNLESS OTHERWISE NOTED.
- OUTLET BOXES INSTALLED IN FIRE WALLS SHALL BE ONE-PIECE STEEL AND INSTALLED IN SEPARATE (STAGGERED) STUD PENETRATIONS, MINIMUM 24 INCHES HORIZONTAL SEPARATION. FIRE WALLS SHALL BE MADE IN ACCORDANCE WITH CBC AND ELECTRICAL CODES.
- THE FINAL LOCATION OF ALL OUTLETS SHALL BE VERIFIED WITH THE ARCHITECT AND/OR OWNER AT TIME OF CONSTRUCTION.
- ALL OUTDOOR ELECTRICAL EQUIPMENT SHALL BE WEATHER-PROTECTED.
- CONTRACTOR SHALL VERIFY THAT ALL LIGHTING FIXTURES, CEILING TRIMS, AND FRAMES ARE COMPATIBLE WITH CEILING SYSTEM INSTALLED.
- CONTRACTOR SHALL COORDINATE LIGHT FIXTURE LOCATIONS AND INSTALLATIONS WITH THE MECHANICAL CONTRACTOR. MAINTAIN REQUIRED CLEARANCES (MINIMUM 3 INCHES) BETWEEN THE LIGHT FIXTURES AND MECHANICAL DUCTS OR EQUIPMENT FOR PROPER OPERATION, INSTALLATION AND/OR ORDER OF THE LIGHT FIXTURES. THE CONTRACTOR SHALL VERIFY THE VOLTAGE OF ALL THE LIGHTING FIXTURES TO MATCH THE VOLTAGE OF THE SERVICE PANEL, WHETHER THE VOLTAGE FOR THE LIGHT FIXTURES ARE SHOWN ON THE PLAN OR NOT.
- PLACEMENT AND CIRCUITING OF EXIT SIGNS AND EGRESS LIGHTING COMPLY WITH CBC REQUIREMENTS.
- ALL CONDUIT SHALL BE ROUTED CONCEALED UNLESS NOTED ON PLAN OR ACCEPTED BY THE ARCHITECT.
- PROVIDE ALL NECESSARY SLEEVES AND INSERTS FOR ALL WORK PASSING THROUGH OR ATTACHING TO WALLS, FLOORS, OR CEILINGS.
- ALL WIRING SHALL BE INSTALLED IN RIGID METALLIC CONDUIT, UNLESS OTHERWISE NOTED. CONDUITS INSTALLED CONCEALED IN WALL AND CEILING MAY BE EMT WITH STEEL COMPRESSION TYPE FITTINGS. PVC WHERE INSTALLED UNDERGROUND AND/OR UNDER SLAB, ALL EXPOSED CONDUITS SHALL BE RIGID STEEL CONDUITS WITH THREADED TYPE FITTINGS. INSTALL ALL CONDUITS IN ACCORDANCE WITH CECA STANDARDS OF INSTALLATION.
- ELECTRICAL NON-METALLIC TUBING (ENT) AND MC CABLE ARE NOT PERMITTED TO BE USED FOR THIS PROJECT, NO EXCEPTIONS.
- WHERE EXISTING CONDUITS, CONCEALED OR EXPOSED, AND (WHERE) SURFACE RACEWAYS IS NOT IN PLACE AS SHOWN ON PLANS, PROVIDE NEW CONDUITS AND (WHERE) SURFACE RACEWAYS FOR THE NEW WORK. VERIFY EXISTING CONDITION ON SITE AND PROVIDE ALL NECESSARY NEW MATERIAL APPARATUS, AND WORK THAT ARE REQUIRED TO BE INCLUDED IN THE BID PACKAGE.
- CONDUCTORS, #8 AND LARGER, SHALL BE STRANDED COPPER WITH THIRTYTHIN INSULATION, UNLESS OTHERWISE NOTED.
- PROVIDE WORKING CLEARANCE PER CEC 110.28 FOR SERVICE PANEL, SUBPANELS, MOTOR DISCONNECT SWITCHES, CONTROL SECTIONS, HVAC EQUIPMENT, REFRIGERATORS, ETC.
- PROVIDE A WARNING LABEL (SIGN) CLEARLY VISIBLE TO QUALIFIED PERSONS TO COMPLY WITH NEC AND CEC 116.16 OR POTENTIAL ELECTRIC ARC FLASH HAZARDS AT SWITCHBOARDS, PANELBOARDS, INDUSTRIAL CONTROL PANELS AND MOTOR CONTROL CENTERS THAT ARE LIKELY TO REQUIRE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE WHILE ENERGIZED. SERVICE EQUIPMENT SHALL BE LEGIBLY MARKED WITH THE MAXIMUM AVAILABLE FAULT CURRENT PER CEC SECTION 110.24(A).
- BUILDING SERVICE AND SUBPANELS TO COMPLY WITH CEC 110.9 AND 110.10 INTERRUPTING RATINGS AND BRACING. PROVIDE A I.C. CALCULATION FOR SUBPANELS IF INTERRUPTING RATINGS TO BE USED IS LOWER THAN MAIN SERVICE RATING.
- ALL APPLIANCES SHALL COMPLY WITH CEC ARTICLE 422. APPLIANCE CONTROL AND PROTECTION PER CEC 422-III: BRANCH CIRCUITS PER 422-11.
- BUILDING EXPANSION JOINTS MAY OR MAY NOT BE INDICATED ON THE ELECTRICAL DRAWINGS. VERIFY THE LOCATIONS OF ALL APPLICABLE BUILDING EXPANSION JOINTS WITH THE ARCHITECTURAL DRAWINGS. WIRING METHODS ACROSS EXPANSION JOINTS SHALL INCLUDE USE OF FLEXIBLE FITTINGS OR OTHER DEVICES AS APPROPRIATE TO EACH APPLICATION, IN NO CASE SHALL CONDUIT CROSS SUCH A JOINT IN BUILDING CONSTRUCTION WITHOUT USE OF THE APPROVED WIRING METHODS.
- CONTRACTOR SHALL SIZE ALL THE INTERIOR AND EXTERIOR BUILDING PULL BOXES AND UNDERGROUND PULL BOXES PER CEC 314.16 AND COMPLY WITH CEC 314.28 FOR INSTALLATION OF RACEWAYS AND WIRING AS REQUIRED BY CODE, UNLESS OTHERWISE NOTED.
- WHERE ACCESSIBILITY IS NOT AVAILABLE TO ELECTRICAL OUTLETS, DEVICES AND/OR EQUIPMENT, COORDINATE WITH THE ARCHITECT FOR PROVISIONS TO PROVIDE ACCESSIBILITY TO THEM.
- CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE MECHANICAL DRAWINGS AND PROVIDES ALL CONDUITS AND CONTROL WIRING AND POWER WIRING SHOWN ON THE MECHANICAL DRAWINGS THAT IS NOT SHOWN ON THE ELECTRICAL PLANS.
- CONTRACTOR SHALL REFER TO THE MECHANICAL DRAWINGS AND COORDINATE FOR THE EQUIPMENT LOCATIONS, COORDINATE ROOF PENETRATION WITH THE MECHANICAL CONTRACTOR FOR MECHANICAL CONNECTIONS, EXTERIOR ROOF MOUNTED UNITS THROUGH EQUIPMENT MOUNTING CURBS WHERE POSSIBLE. VERIFY ON-SITE.
- PROVIDE CONVENIENCE OUTLET WITHIN 25 FEET OF MECHANICAL EQUIPMENT PER U.I.C. WHERE LOCATED OUTSIDE, PROVIDE WEATHERPROOF AND GFCI CONVENIENCE OUTLET. SECURE ROOF MOUNTED OUTLET TO THE MECHANICAL EQUIPMENT. VERIFY LOCATION IN FIELD WITH THE MECHANICAL CONTRACTOR.
- VERIFY SINGLE-POINT CONNECTIONS TO ROOF MOUNTED HVAC UNITS WITH MECHANICAL CONTRACTOR ON-SITE PRIOR TO ELECTRICAL ROUGH-IN. PROVIDE DUAL DISCONNECTS IF TWO-POINT CONNECTIONS IS REQUIRED, WHETHER SHOWN ON PLANS OR NOT.
- VERIFY SINGLE-POINT CONNECTIONS TO ROOF MOUNTED HVAC UNITS WITH MECHANICAL CONTRACTOR ON-SITE PRIOR TO ELECTRICAL ROUGH-IN. PROVIDE DUAL DISCONNECTS IF TWO-POINT CONNECTIONS IS REQUIRED, WHETHER SHOWN ON PLANS OR NOT.
- COORDINATE THE HVAC EQUIPMENT FOR FUSES REQUIRE, WHERE FUSES ARE REQUIRED, VERIFY FUSE SIZE ON-SITE AND PROVIDE FOR HVAC EQUIPMENT PER UNIT MANUFACTURER'S SPECIFICATIONS.
- MOTOR DISCONNECT SWITCHES SHALL COMPLY WITH CEC 430-IX AND 440-11.
- MOTOR STARTERS FOR HVAC EQUIPMENT ARE PROVIDED BY MECHANICAL CONTRACTOR AND CONNECTED BY ELECTRICAL CONTRACTOR, UNLESS NOTED OTHERWISE.
- ALL CONNECTIONS FROM THE DISCONNECT SWITCHES TO HVAC UNITS SHALL BE COPPER CONDUCTORS. MOTOR DISCONNECT SWITCHES SHALL COMPLY WITH CEC 430-IX AND 440-11.
- VERIFY LOCATION AND HEIGHT OF ALL MECHANICAL OR FIXTURE EQUIPMENT OUTLETS WITH SUPPLIER PRIOR TO ANY ROUGH-IN WORK. PROVIDE ALL RUNS AND CONNECTIONS TO EQUIPMENT.
- ALL TERMINATION PROVISIONS OF EQUIPMENT, INCLUDING CIRCUITS RATED 100 AMPERES OR LESS SHALL BE RATED AT 60 DEGREE, CENTIGRADE PER CEC 110.14(a).
- ALL LIGHT FIXTURES INSTALLED OVER FOOD HANDLING OR FOOD PREPARATION AREAS, OPEN FOOD STORAGE, AND UTENSIL WASHING AREAS SHALL BE OF SHATTERPROOF CONSTRUCTION OR SHALL BE PROTECTED WITH SHATTERPROOF SHELDS AND SHALL BE READILY CLEANABLE.

DEMOLITION GENERAL NOTES

ALL DEMOLITION GENERAL NOTES SHOWN BELOW ARE NOT NECESSARILY USED ON PLANS IF NOT REQUIRED.

- ALL EXISTING EQUIPMENT, DEVICES, CONDUIT AND WIRING, ETC., WHERE SHOWN ON PLANS ARE BASED ON AVAILABLE EXISTING DOCUMENTS AND LIMITED SITE SURVEYS AND ARE SHOWN FOR CLARITY. IT SHALL BE REGARDED AS AN APPROXIMATION ONLY. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. PRIOR TO SUBMITTING BID AND BEFORE START OF ANY ELECTRICAL WORK, CONTRACTOR SHALL VERIFY ON-SITE ALL EXISTING LOCATIONS AND CONDITIONS TO ASCERTAIN ALL WORK REQUIRED.
- EXISTING ELECTRICAL MAIN SERVICE IS BEING REPLACED WITH NEW THAT IS TO BE INCLUDED IN THE SCOPE OF WORK. CONTRACTOR SHALL VERIFY AND COORDINATE, THE SEQUENCE OF WORK WITH THE LOCAL UTILITY COMPANY. THE OWNER REPRESENTATIVE AND OTHER TRADES AT THE EARLIEST START OF CONSTRUCTION FOR ALL REQUIREMENT AND SCHEDULE THE REQUIRED WORK FOR A SMOOTH AND TIMELY TRANSFORMATION FROM THE EXISTING SERVICE TO THE NEW SERVICE TO ENSURE THAT ALL WORK PROCEEDS WITH A MINIMUM OF INTERFERENCE AND DELAY. LIMIT THE ELECTRICAL SHUTDOWN TO A MINIMAL SO IT WILL NOT AFFECT THE EXISTING FACILITY'S NORMAL DAILY FUNCTIONS AND OPERATION.
- CAUSE AS LITTLE INTERFERENCE OR INTERRUPTION OF EXISTING UTILITIES AND/OR OTHER EXISTING FACILITY'S SYSTEMS AND SERVICES AS POSSIBLE. CONTRACTOR SHALL NOTIFY THE OWNER REPRESENTATIVE AT LEAST 72 HOURS TO SCHEDULE ALL NECESSARY SHUTDOWN. SHUTDOWN WORK SHALL BE PERFORMED AFTER THE NORMAL OPERATION HOURS OF THE FACILITY, IF SO DIRECTED BY THE OWNER REPRESENTATIVE.
- ALL REMOVED AND/OR DEMOLISHED ELECTRICAL MATERIALS AND EQUIPMENT TO BE ACCOMPLISHED UNDER THIS CONTRACT, WHICH IN THE OPINION OF THE OWNER REPRESENTATIVE ARE DEEM SALVAGEABLE, SHALL REMAIN THE PROPERTY OF THE OWNER. ALL ELECTRICAL MATERIAL AND EQUIPMENT CONSIDERED NOT SALVAGEABLE SHALL BE REMOVED FROM THE SITE AND DISPOSED BY THE CONTRACTOR ACCORDINGLY.
- WHERE REMOVAL OF AN EXISTING SYSTEMS DEVICE WILL RESULT IN LOSS OF CIRCUIT CONTINUITY, THE ISOLATED PORTIONS OF THE CIRCUIT SHALL BE RECONNECTED TO PROVIDE SERVICE TO ALL REMAINING DEVICES. IF SITE CONDITIONS MAKE RECONNECTION IMPOSSIBLE, CONNECTION SHALL BE MADE FROM AN ADJACENT AVAILABLE DEVICE AS NOTED AND/OR AS DIRECTED BY THE ARCHITECT AND/OR THE OWNER REPRESENTATIVE.
- WHERE EXISTING CONCEALED CONDUITS, WHETHER SHOWN OR NOT, OR SPECIFIED TO BE REUSED, WHICH BECAME EXPOSED DUE TO CONSTRUCTION CHANGES, IT SHALL BE REROUTED TO THE NEAREST AVAILABLE REUSED OUTLET.
- ALL EXISTING EXPOSED CONDUITS AND/OR WIRING THAT ARE DETERMINED BY THE ARCHITECT TO BE MAINTAINED FOR EXISTING SYSTEM FUNCTION AND CONTINUITY, WHETHER SHOWN ON PLAN OR NOT, ARE TO BE REROUTED, CONCEALED IN WALL AND/OR CEILING FOR A CLEAN FINISHED SURFACE WITH NO EXPOSED CONDUITS AND/OR WIRING WITHIN THE REMODELED AREA.
- REMOVE ALL EXISTING EXPOSED CONDUITS, WIRING, ELECTRICAL OUTLETS, DEVICES AND EQUIPMENT THAT ARE DETERMINED BY THE ARCHITECT TO BE NON FUNCTIONAL AND/OR NOT BEING USED FROM WITHIN THE REMODELED AREA FOR A CLEAN FINISHED SURFACE.
- WHERE EXISTING WIRING OR EQUIPMENT IS ABANDONED AS A RESULT OF THIS CONTRACT, IT SHALL BE REMOVED INsofar AS POSSIBLE. THIS INCLUDES BUT IS NOT LIMITED TO:
 - REMOVE ALL WIRE AND CABLE.
 - REMOVE ALL DEVICES AND EQUIPMENT.
 - REMOVE ALL EXPOSED CONDUIT AND CONDUIT IN ACCESSIBLE CONCEALED AREA, AS FAR AS POSSIBLE.
 - CUT OFF AND CAP ALL ABANDONED CONDUIT, STUBS SHALL NOT BE PROTRUDED ABOVE FLOOR AND/OR FINISHED WALLS AND CEILING.
- WHEREVER EXISTING ELECTRICAL DEVICES, PANELS, CONDUITS, CABLES, ETC., CONFLICT WITH REMODEL WORK, WHETHER SHOWN OR NOT, RELOCATE THESE ITEMS AS DIRECTED BY THE ARCHITECT AND/OR OWNER REPRESENTATIVE.
- WHERE SHOWN ON PLANS FOR REMOVAL OF EXISTING CONDUITS, REMOVE ALL PORTIONS OF CONDUITS WHERE IT IS ACCESSIBLE AND ABANDON PORTIONS OF CONDUITS WHERE IT IS ACCESSIBLE. CUT AND/OR FINISHED WALLS AND CEILING.
- CONTRACTOR SHALL UPDATE WITH NEW TYPED WRITTEN PANEL DIRECTORIES TO EXISTING PANELS INVOLVED IN THIS RENOVATION WORK THAT SHALL REFLECT ALL CHANGES TO THE CIRCUIT DESIGNATIONS.
- PROVIDE AND INSTALL PROTECTIVE COVERING OVER EXISTING EQUIPMENT IN AREA WHEN INSTALLING ANY NEW WORK.
- COORDINATE WITH OTHER TRADES AND PROPERLY TRANSMIT ALL INFORMATION REQUIRED BY THEM. COORDINATE THE SEQUENCE OF DEMOLITION WITH OTHER TRADES TO ENSURE THAT ALL WORK PROCEEDS WITH A MINIMUM OF INTERFERENCE AND DELAY.
- REFER TO MECHANICAL AND PLUMBING DRAWING FOR HEATERS, EXHAUST FANS, WATER HEATERS, PUMPS, AND ETC., WHICH REQUIRE TO BE DISCONNECTED BY THE ELECTRICAL CONTRACTOR FOR REMOVAL OR ABANDONMENT BY THE MECHANICAL AND/OR PLUMBING CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE SEQUENCE FOR WORK WITH THE MECHANICAL AND/OR PLUMBING CONTRACTOR FOR REMOVAL OF ALL APPLICABLE STARTERS, DISCONNECT SWITCHES AND ASSOCIATED CONDUIT AND WIRING.
- ALL LIGHT FIXTURES INDICATED AS RELOCATED SHALL BE CLEANED AND RE-LAMPED PRIOR TO THE RE-INSTALLATION.

ELECTRICAL ABBREVIATIONS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
A	AMP	MCA	MINIMUM CIRCUIT AMPACITY
AC	AMPERES ABOVE COUNTER	MCB	MAIN CIRCUIT BREAKER
AFAT	AMPERE TRIP	MCCP	MOTOR CONTROL CENTER
AFCI	ARC FAULT CIRCUIT INTERRUPTER	MSB	MAIN GROUND BAR
AHJ	AUTHORITY HAVING JURISDICTION	MS	MOTOR GENERATOR SET
AL	ALUMINUM	MLO	MAIN LUGS ONLY
AJ	AMPERE INTERRUPTING CAPACITY	MPCE	MAXIMUM OVERCURRENT PROTECTION
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MSB	MAIN SWITCHBOARD
ASAF	AMPERE SWITCH / AMPERE FUSE	MTD	MOUNTED
AUTO	AMPERE TRIP RATING OF BREAKER	MV	MEDIUM VOLTAGE CABLE
AWG	AUTOMATIC WIRE GAUGE	MG	MEGAWATTS
BMS	BUILDING MANAGEMENT SYSTEM	NE	NEW
C	CONDUIT	NECA	NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION
C, CDT	COMMUNITY ANTENNA TELEVISION CIRCUIT BREAKER	NEA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
CAN	CANDELA	NL	NIGHT LIGHT
CE	CALIFORNIA ELECTRICAL CODE	NL	NATIONALLY RECOGNIZED TESTING LABORATORIES
CFC	COMPACT FLUORESCENT CONTRACTOR INSTALLED	NPS	NOT TO SCALE
CF	CIRCUIT BREAKER	OCP	OVERCURRENT PROTECTIVE DEVICE
CFL	CIRCUIT BREAKER	OPC	OWNER FURNISHED CONTRACTOR INSTALLED
CFT	CIRCUIT BREAKER	OPCI	OWNER FURNISHED CONTRACTOR INSTALLED
CR	CIRCLAR MIL	PH	PHASE OR POLE
CSFM	CALIFORNIA STATE FIRE MARSHALL	PH P	PULL BOX
CT	CURRENT TRANSFORMER	PIB	POWER FACTOR
COPPER	COPPER	PIB	PROVIDE FOR FUTURE BREAKER
DET	DETAIL	PIC	POST INDICATOR VALVE
DISC	DISCONNECT	PLC	PROGRAMMABLE LOGIC CONTROLLERS
DIST	DISTRIBUTION	PNE	PANEL
DWG	DRAWING	PVE	POWER OVER INTERNET
EC	ELECTRICAL CONTRACTOR	PVC	POLYVINYL CHLORIDE
EGC	ELECTRICAL GROUNDING CONDUCTOR	PWR	POWER
EL	ELEVATION	RCP	REFLECTED CEILING PLAN
EM	EMERGENCY	RE	REQUIRED
EM	ELECTRICAL METALLIC TUBING	REQ	REQUIRED
ENT	ELECTRICAL NONMETALLIC TUBING	RMC	RIGID GALVANIZED STEEL CONDUIT
EAL	END OF LINE RESISTOR	RNC	RIGID METAL CONDUIT
EP	EMERGENCY POWER	RMS	ROOT-MEAN-SQUARE
EQT	EQUIPMENT	RMS	SUPERVISORY CONTROL AND DATA ACQUISITION
EXH	EXHAUST	SCR	SILICON CONTROLLED RECTIFIER
(E)	EXISTING TO BE DEMOLISHED	SD	SURGE PROTECTIVE DEVICE
(F)	FUTURE	SPD	SURGE PROTECTIVE DEVICE
FACP	FIRE ALARM CONTROL PANEL	SPEC	SPECIFICATIONS
FF	FINISHED FLOOR	SW	SWITCH
FND	FINISHED GRADE	SYM	SYMMETRICAL
FLOA	FULL LOAD AMPS	T, T/FMR	TRANSFORMER
FLEX	FLEXIBLE	TEMP	TEMPORARY
FMC	FLEXIBLE METAL CONDUIT	THIN	TEMPERATURE RESISTANT
FR	GROUNDING ELECTRICAL CONDUCTOR	THWN	THINWALL
GFCI	GROUNDING FAULT CURRENT INTERRUPTER	TR	TAMPERSWITCH
GND	GROUNDING	TS	THERMOSTAT
GPE	GROUNDING POINT	TS	TAMPERSWITCH
HIP	HIGH INTENSITY DISCHARGE	UG	UNDERGROUND
HP	HORSEPOWER	UGPS	UNDERGROUND PULL SECTION
HR	HEATING VENTILATION & AIR CONDITIONING	UL	UNDERWRITERS LABORATORIES
HZ	HERTZ (cycles per second)	ULC	UNDERWRITERS LABORATORIES
I	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS	UPS	UNINTERRUPTIBLE POWER SUPPLY
ISEE	ISOLATED GROUND	USP	UNIVERSAL SERIAL BUS
IS	INTERMEDIATE METAL CONDUIT	V	VARIABLE FREQUENCY DRIVE
IMC	ISOLATED METAL CONDUIT	VOLTS	VOLTS
ISC	ISOLATED SHORT CIRCUIT	VOLTS-AMPERE	VOLTS ALTERNATING CURRENT
J	JUNCTION BOX	W	WATTS
JBOX	JUNCTION BOX	W	WATTS
KWH	KILOHOUR	W	WATTS
KV	KILOVOLTS	W	WATTS
KVA	KILOVOLT-AMPERES	W	WATTS
L	LIGHT-EMITTING DIODE	W	WATTS
LPG	LIQUEFIED PETROLEUM GAS	WP	WEATHERPROOF
LRC	LOCKED-ROTOR CURRENT	WPL	WEATHERPROOF LOCKING
L	LIGHTING	W	WEATHERPROOF WHILE IN USE
MAX	MAXIMUM	(X)	REMOVE OR DEMO
MC	METAL-CLAD CABLE		

UTILITIES SERVICE AND UNDERGROUND TRENCHING NOTES

- THESE PLANS HAVE BEEN PREPARED WITHOUT UTILITY COMPANIES COMMITMENTS (PENDING). LP CONSULTING ENGINEERS, INC. ACCEPTS NO RESPONSIBILITY AND SHALL NOT INCUR ANY COSTS DUE TO CHANGES IN SERVICE REQUIREMENTS BY THE UTILITY COMPANIES.
- CONTRACTOR SHALL COORDINATE SPECIFIC REQUIREMENTS WITH THE UTILITY COMPANIES.
- CONTRACTOR SHALL CALL THE UTILITY COMPANIES REPRESENTATIVE TO ATTEND PRE-CONSTRUCTION MEETING.
- CONTRACTOR SHALL PROTECT ANY APPLICABLE EXISTING STREET LIGHTING, UTILITY POLES, OVERHEAD LINES, UNDERGROUND WORKS, AND UTILITY PULLBOXES DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR SITE AND OFF-SITE IMPROVEMENTS AND TO COORDINATE UTILITY CONNECTIONS WITH THE UTILITY COMPANIES.
- POWER SERVICE:
 - CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH PG&E FOR ALL ASPECTS OF THIS PROJECT INCLUDING ARRANGING FOR TEMPORARY CONSTRUCTION POWER, SCHEDULING INSPECTIONS AND OBTAINING PERMITS, SCHEDULING RELOCATION AND REMOVAL OF UTILITY EQUIPMENT, INSTALLING UTILITY EQUIPMENT AND INFRASTRUCTURE, AND SCHEDULING FINAL CONNECTION SERVICES. CONTRACTOR SHALL BE AWARE THAT PG&E REQUIRES EXTENSIVE ADVANCE NOTIFICATION AND SHOULD SCHEDULE ALL WORK ACCORDINGLY. CONTRACTOR SHALL NOT MAKE ANY CLAIMS FOR TIME DELAY DUE TO ANY POWER COMPANY WORK ASSOCIATED WITH THIS PROJECT.
 - CONTRACTOR SHALL CONTACT PG&E TO ARRANGE CONSTRUCTION TEMPORARY ELECTRICAL SERVICE. CONTRACTOR SHALL PAY ALL REQUIRED FEES AND INSTALLATION COSTS.
 - PG&E POWER SERVICE LINES SHALL NOT BE INSTALLED IN THE SAME TRENCH AS ANY WET UTILITIES.
- TELEPHONE SERVICE:
 - CONTRACTOR SHALL COORDINATE WITH AT&T FOR ALL REQUIRED INSPECTIONS OF INFRASTRUCTURE WORK, PULLBOXES, AND TELECOM ROOM.
- ALL AT&T COMPANY STRUCTURES MUST BE IN PLACE AND READY 30-45 DAYS PRIOR TO ANY REQUEST FOR NEW SERVICE.
- UNDERGROUND TRENCHING:
 - USE EXTREME CAUTION WHEN DIGGING TO AVOID BURIED ELECTRICAL CABLES. CALL UNDERGROUND SERVICE ALERT (U.S.A.) 800-277-2900, 48 HOURS BEFORE DIGGING.
 - CONTRACTOR SHALL COORDINATE WITH PG&E FOR ALL ASPECTS OF THIS PROJECT INCLUDING ARRANGING FOR TEMPORARY CONSTRUCTION POWER, SCHEDULING INSPECTIONS AND OBTAINING PERMITS, SCHEDULING RELOCATION AND REMOVAL OF UTILITY EQUIPMENT, INSTALLING UTILITY EQUIPMENT AND INFRASTRUCTURE, AND SCHEDULING FINAL CONNECTION SERVICES. CONTRACTOR SHALL BE AWARE THAT PG&E REQUIRES EXTENSIVE ADVANCE NOTIFICATION AND SHOULD SCHEDULE ALL WORK ACCORDINGLY. CONTRACTOR SHALL NOT MAKE ANY CLAIMS FOR TIME DELAY DUE TO ANY POWER COMPANY WORK ASSOCIATED WITH THIS PROJECT.
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ELECTRICAL SYMBOL LEGEND		ELECTRICAL SYMBOL LEGEND		ELECTRICAL SYMBOL LEGEND	
ALL SYMBOLS SHOWN IN THIS LEGEND ARE NOT NECESSARY USED ON PLANS IF NOT REQUIRED		ALL SYMBOLS SHOWN IN THIS LEGEND ARE NOT NECESSARY USED ON PLANS IF NOT REQUIRED		ALL SYMBOLS SHOWN IN THIS LEGEND ARE NOT NECESSARY USED ON PLANS IF NOT REQUIRED	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
LIGHTING					
	LED LUMINAIRE - T-BAR LAY-IN		MAIN SWITCHBOARD OR DISTRIBUTION PANEL AS NOTED		PANEL IDENTIFICATION
	LED LUMINAIRE - RECESSED IN GYPSUM BOARD		RECESSED MOUNTED LIGHTING OR DISTRIBUTION PANEL		CIRCUIT BREAKER
	LED LUMINAIRE - SURFACE		SURFACE MOUNTED LIGHTING OR DISTRIBUTION PANEL		FUSED SWITCH
	LED LUMINAIRE - SUSPENDED		RECESSED TERMINAL CABINET w/ 3/4" C PLYWOOD BACKBOARD, DUPLEX RECEPTACLE & #6 CU GND, UNO.		GROUND FAULT CIRCUIT INTERRUPTER
	LED LUMINAIRE - SURFACE OR SUSPENDED STRIP		SURFACE MOUNTED TERMINAL CABINET w/ 3/4" C PLYWOOD BACKBOARD, DUPLEX RECEPTACLE & #6 CU GND, UNO.		GROUND
	LED LUMINAIRE - RECESSED DOWNLIGHT		DISTRIBUTION TRANSFORMER, MOUNTING AND SIZE AS NOTED		UNDERGROUND TERMINATION SERVICE LUG
	LED LUMINAIRE - RECESSED WALLWASH		NON-FUSED DISCONNECT SWITCH		UTILITY METER
	LED LUMINAIRE - SURFACE		ENCLOSED CIRCUIT BREAKER DISCONNECT SWITCH		UTILITY METER WITH C.T. COMPARTMENT METER SOCKET
	LED LUMINAIRE - WALL		FUSED DISCONNECT SWITCH, SIZE DISCONNECT AND FUSES PER UNIT LABEL		TRANSFORMER WITH GROUND
	LED LUMINAIRE - PENDANT		NON-FUSED / FUSED DISCONNECT, SEE DISCONNECT SWITCH SCHEDULE		UFER GROUND
	TRACK LIGHT - SUSPENDED OR SURFACE MOUNTED		MOTOR STARTER/CONTROLLER		BOND TO COLD WATER PIPE, GAS PIPE, BUILDING STEEL
	CONTINUOUS LINEAR LED TAPE OR LED COVE LIGHT		COMBINATION CIRCUIT BREAKER DISCONNECT/MOTOR STARTER		AUTOMATIC TRANSFER SWITCH
	HATCHED LUMINAIRE WITH "EM" ABBREVIATION INDICATES AN EMERGENCY LUMINAIRE WITH EMERGENCY POWER CONNECTION (UNSWITCHED).		COMBINATION FUSIBLE DISCONNECT/MOTOR CONTROLLER, PROVIDE FUSES PER MANUFACTURER'S REQUIREMENTS. N.F. INDICATES NON-FUSED.		NEUTRAL LINK
	SINGLE FACE EXIT SIGN. SEE LIGHTING FIXTURE SCHEDULE FOR SPECIFICATION. DIRECTIONAL ARROW AS INDICATED ON PLANS. (CEILING OR WALL)		MOTOR		SURGE PROTECTION DEVICE
	DOUBLE FACE EXIT SIGN. SEE LIGHTING FIXTURE SCHEDULE FOR SPECIFICATION. DIRECTIONAL ARROW AS INDICATED ON PLANS. (CEILING OR WALL)		POWER CONNECTION		CIRCUITS
	COMBINATION EMERGENCY EXIT SIGN WITH DUAL HEAD LIGHTS WITH EMERGENCY BATTERY BACK-UP.		DUPLEX RECEPTACLE OUTLET 20A, 120V, @ +16" TO BOTTOM OF BOX, UNO.		STUB
	BATTERY POWERED EMERGENCY EGRESS LUMINAIRE - SURFACE MOUNTED		DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER TOP PROVIDE 4" MAX. TO TOP OF BOX AT AREAS WITH FORWARD ACCESSIBLE APPROACH KNEE CLEARANCE, OR PROVIDE 4" MAX. TO TOP OF BOX AT AREAS WITH PARALLEL ACCESSIBLE APPROACH (PER CBC 11B-308).		CONDUIT RISER - UP
	SPOT/FLOOD LUMINAIRE - CEILING		ISOLATED GROUND DUPLEX RECEPTACLE, 20A, 120V @ +16" TO BOTTOM OF BOX, UNO.		CONDUIT DROP - DOWN
	SPOT/FLOOD LUMINAIRE - ABOVE GROUND		DEDICATED DUPLEX RECEPTACLE OUTLET 20A, 120V, @ +16" TO BOTTOM OF BOX, UNO.		CONDUIT CONCEALED IN CEILING OR WALL
	EXTERIOR POLE FIXTURE - SINGLE HEAD		GFCI DUPLEX RECEPTACLE OUTLET MOUNTED ABOVE COUNTER TOP AND/OR SINK BACKSPLASH PROVIDE 4" MAX. TO TOP OF BOX AT AREAS WITH FORWARD ACCESSIBLE APPROACH KNEE CLEARANCE, OR PROVIDE 4" MAX. TO TOP OF BOX AT AREAS WITH PARALLEL ACCESSIBLE APPROACH (PER CBC 11B-308).		CONDUIT CONCEALED IN FLOOR OR UNDERGROUND
	EXTERIOR POLE FIXTURE - TWIN HEAD		ISOLATED GROUND GFCI DUPLEX RECEPTACLE OUTLET 20A, 120V, @ +16" TO BOTTOM OF BOX, UNO.		EXISTING CONDUIT TO REMAIN
	EXTERIOR PATHWAY POST-TOP POLE FIXTURE		DEDICATED GFCI DUPLEX RECEPTACLE OUTLET 20A, 120V, @ +16" TO BOTTOM OF BOX, UNO.		CONDUIT & CONDUCTORS FOR LOW VOLTAGE MOTION SENSORS
	BOLLARD FIXTURE		FOURPLEX RECEPTACLE OUTLET 20A, 120V, @ +16" TO BOTTOM OF BOX, UNO.		EXISTING CONDUIT AND/OR CONDUCTORS TO BE REMOVED. UNDERGROUND CONDUIT MAY BE ABANDONED IN PLACE.
	STEP LUMINAIRE		FOURPLEX RECEPTACLE OUTLET MOUNTED ABOVE COUNTER TOP PROVIDE 4" MAX. TO TOP OF BOX AT AREAS WITH FORWARD ACCESSIBLE APPROACH KNEE CLEARANCE, OR PROVIDE 4" MAX. TO TOP OF BOX AT AREAS WITH PARALLEL ACCESSIBLE APPROACH (PER CBC 11B-308).		HOMERUN TO PANELBOARD OR TERMINAL CABINET w/ CONDUCTORS AS NOTED
	SINGLE POLE TOGGLE SWITCH, 20A, 120-277V @ +46" TO TOP OF BOX, UNO.		CONTROLLED/UNCONTROLLED FOURPLEX RECEPTACLE OUTLET 20A, 120V, @ +16" TO BOTTOM OF BOX, UNO.		CIRCUIT CONDUCTORS
	THREE WAY TOGGLE SWITCH, 20A, 120-277V @ +46" TO TOP OF BOX, UNO.		GFCI FOURPLEX RECEPTACLE OUTLET 20A, 120V, @ +16" TO BOTTOM OF BOX, UNO.		LONG TICK INDICATES NEUTRAL CONDUCTOR. SHORT TICKS INDICATE PHASE CONDUCTORS. TICK MARK WITH A DOT ON THE END INDICATES EQUIPMENT GROUNDING CONDUCTOR. NUMBER BY TICKS INDICATE WIRE GAUGE OTHER THAN 12 AWG CU. NO TICKS INDICATE 2 #12 CU, 1 #12 CU GND, IN 1/2" CONDUIT. OTHERS AS NOTED ON PLAN.
	SUBSCRIPTS 'a' 'b' 'c' DESIGNATE THE QUANTITY OF SWITCHES AT EACH LOCATION (TYPICAL FOR ALL SWITCH TYPES).		ISOLATED GROUND GFCI FOURPLEX RECEPTACLE OUTLET 20A, 120V, @ +16" TO BOTTOM OF BOX, UNO.		FLEXIBLE CONDUIT, 8'-0" LONG MAX. w/ #12 CU GROUND UNO.
	THERMAL OVERLOAD SWITCH		DEDICATED GFCI FOURPLEX RECEPTACLE OUTLET 20A, 120V, @ +16" TO BOTTOM OF BOX, UNO.		
	SINGLE POLE KEYED BARREL SWITCH 20A, 120-277V @ +46" TO TOP OF BOX, UNO.		CONTROLLED/UNCONTROLLED FOURPLEX RECEPTACLE OUTLET 20A, 120V, MOUNTED ABOVE COUNTER. PROVIDE 4" MAX. TO TOP OF BOX AT AREAS WITH FORWARD ACCESSIBLE APPROACH KNEE CLEARANCE, OR PROVIDE 4" MAX. TO TOP OF BOX AT AREAS WITH PARALLEL ACCESSIBLE APPROACH (PER CBC 11B-308).		
	PUSH BUTTON		GFCI FOURPLEX RECEPTACLE OUTLET 20A, 120V, @ +16" TO BOTTOM OF BOX, UNO.		
	WALL MOUNTED DIMMER. SEE CONTROL DRAWINGS FOR TYPE.		GFCI FOURPLEX RECEPTACLE OUTLET MOUNTED ABOVE COUNTER TOP AND/OR SINK BACKSPLASH PROVIDE 4" MAX. TO TOP OF BOX AT AREAS WITH FORWARD ACCESSIBLE APPROACH KNEE CLEARANCE, OR PROVIDE 4" MAX. TO TOP OF BOX AT AREAS WITH PARALLEL ACCESSIBLE APPROACH (PER CBC 11B-308).		
	OCCUPANCY SENSOR. SEE CONTROL DRAWINGS FOR TYPE.		ISOLATED GROUND GFCI FOURPLEX RECEPTACLE OUTLET 20A, 120V, @ +16" TO BOTTOM OF BOX, UNO.		
	PHOTOCONTROL DAYLIGHT SENSOR		DEDICATED GFCI FOURPLEX RECEPTACLE OUTLET 20A, 120V, @ +16" TO BOTTOM OF BOX, UNO.		
TAGS AND LEADERS					
	BRACKET		SPECIAL RECEPTACLE OUTLET, SIZE AND NEMA CONFIGURATION AS NOTED, MOUNTED @ +16" TO BOTTOM OF BOX, UNO.		
	LEADERS		FLOOR MOUNTED DUPLEX RECEPTACLE, 20A, 125V FLUSH IN FINISHED FLOOR		
	KEY NOTE		FLOOR MOUNTED FOURPLEX RECEPTACLE, 20A, 125V FLUSH IN FINISHED FLOOR		
	LIGHT FIXTURE TAG: FIXTURE_TYPE PANEL_NAME-CIRCUIT#_SWITCH#		CEILING MOUNTED DUPLEX RECEPTACLE, 20A, 125V		
	FEEDER DESIGNATION TAG		CEILING MOUNTED FOURPLEX RECEPTACLE, 20A, 125V		
	KITCHEN EQUIPMENT DESIGNATION TAG		JUNCTION BOX - SIZE AS REQUIRED BY CODE. (WALL MOUNTED AND REGULAR)		
	DETAIL DESIGNATION. TOP LETTER INDICATES DETAIL, BOTTOM LETTER / NUMBER INDICATES SHEET		JUNCTION BOX (FLOOR MOUNTED) - SIZE AS REQUIRED BY CODE.		
	MECHANICAL EQUIPMENT I.D. TAG - MP&S		PLUG MOLD		
			POWER POLE		
			MOTOR RATED SWITCH		
			FLOOR MOUNTED COMBO DUPLEX RECEPTACLE / TELEPHONE/DATA		
			FLOOR MOUNTED COMBO FOURPLEX RECEPTACLE / TELEPHONE/DATA		
			CEILING EXHAUST FAN		

APPROVAL STAMP
**95% SUBMITTAL.
 SUBJECT TO
 CHANGE/BUILDING
 DEPT. REVIEW.**



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 p 916-771-0778
 www.lpengineers.com
 Job #: 22-2007

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NO.	REMARKS	DATE

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

KEY PLAN

CITY OF STOCKTON
 425 N EL DORADO STREET
 STOCKTON, CA 95202

DESIGN DEVELOPMENT

AQUATIC FACILITIES
 RENOVATION &
 REPLACEMENT -
 VICTORY PARK POOL CITY
 PROJECT NO. CR18020
 1201 N PERSHING AVE
 STOCKTON, CA 95203

**ELECTRICAL SYMBOL
 LEGEND**

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number E0.2
Drawn Author	Checked Checker

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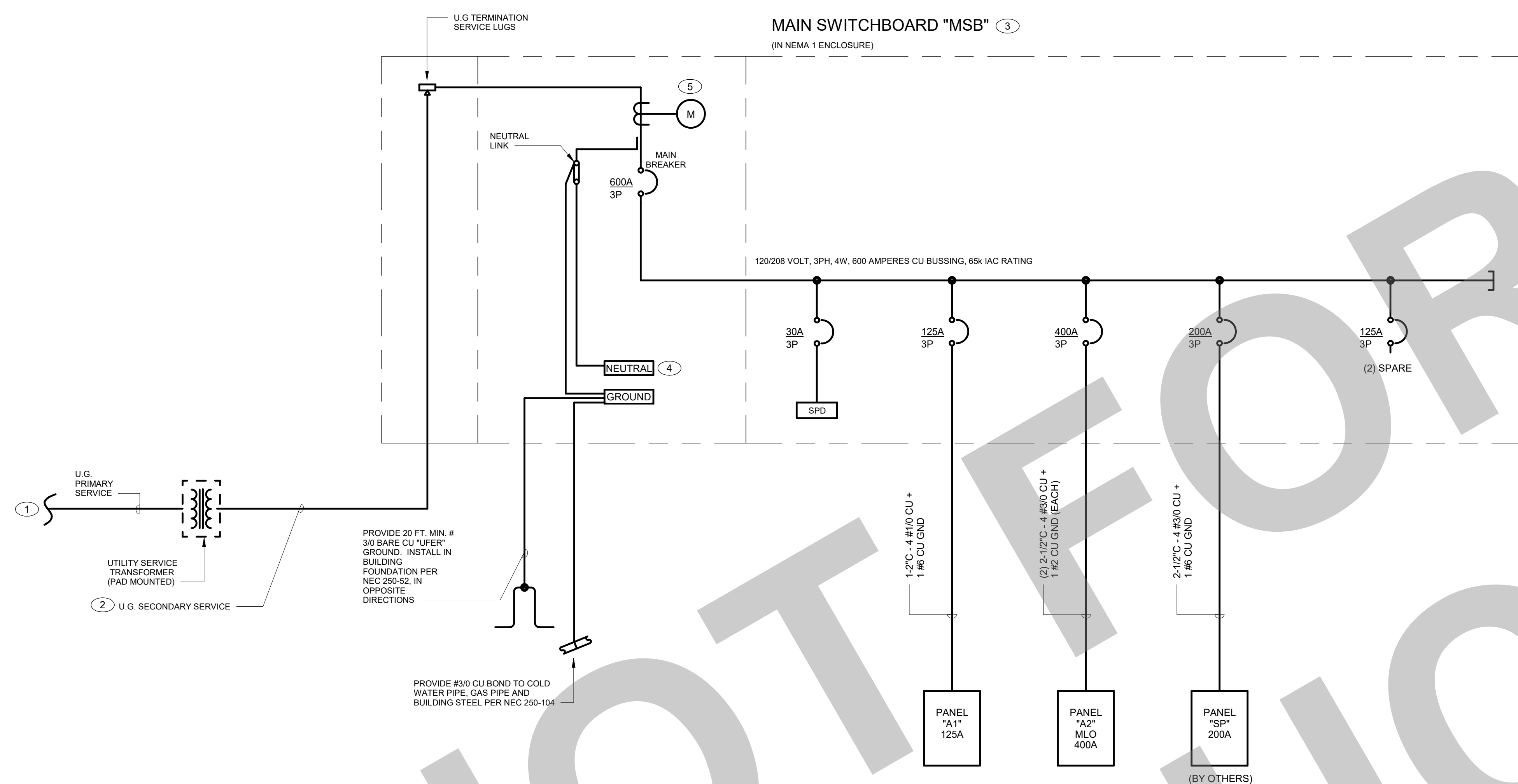
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GENERAL NOTES

- A. PROVIDE ALL NECESSARY AUXILIARY EQUIPMENT AND ACCESSORIES REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
- B. LETTER FOR SHORT CIRCUIT CURRENT VALUE FROM UTILITY COMPANY SHALL BE AVAILABLE AT THE JOB SITE FOR INSPECTION.
- C. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER, UNLESS SPECIFIED OTHERWISE.
- D. THE CONTRACTOR SHALL, PROVIDE A SHORT CIRCUIT, PROTECTIVE DEVICE COORDINATION STUDY AND ARC FLASH STUDY FOR THE PROJECT COMPLETE ELECTRICAL DISTRIBUTION SYSTEM, SUBMIT TO THE ELECTRICAL ENGINEER OF RECORD FOR REVIEW. PROVIDE ALL SHORT CIRCUIT DEVICE AND EQUIPMENT CHARACTERISTIC INFORMATION FOR ALL ELECTRICAL COMPONENTS PROVIDE TIME- CURRENT CURVES FOR ALL OVERCURRENT PROTECTIVE DEVICES IN THE SUBMITTAL. SET AND ADJUST ALL DEVICES IN ACCORDANCE WITH THE RESULTS OF THIS STUDY PRIOR TO ENERGIZING EQUIPMENT.
- E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERTINENT INFORMATION NECESSARY IN ORDER TO PERFORM THE REQUIRED SHORT CIRCUIT PROTECTIVE DEVICE COORDINATION AND ARC FLASH STUDIES TO INCLUDE BUT NOT LIMITED TO THE FOLLOWING:
 - 1. CONTACTING THE SERVING POWER UTILITY TO OBTAIN THE AVAILABLE SHORT CIRCUIT CURRENT AT THE PROJECT POINT OF CONNECTION AND/OR SECONDARY OF THE SERVING UTILITY COMPANY SERVICE TRANSFORMERS).
 - 2. FIELD INVESTIGATION TO DETERMINE THE SHORT CIRCUIT CURRENT RATING FOR ANY EXISTING ELECTRICAL SERVICE AND DISTRIBUTION EQUIPMENT. ELECTRICAL CHARACTERISTICS FOR ALL PROPOSED NEW ELECTRICAL SERVICE AND DISTRIBUTION EQUIPMENT.
- F. THE CONTRACTOR SHALL PROVIDE APPROVED PERMANENT LABELS FOR ALL ELECTRICAL SERVICE AND DISTRIBUTION EQUIPMENT TO CLEARLY IDENTIFY THE AVAILABLE SHORT CIRCUIT CURRENT AND ARC FLASH ENERGY LEVELS AND REQUIRED PPE (PERSONNEL PROTECTIVE EQUIPMENT).
- G. ALL SWITCHBOARDS, DISTRIBUTION PANELS, AND PANELBOARDS SHALL BE FULLY RATED FOR INTERRUPTING CAPACITY. SERIES RATED EQUIPMENT SHALL NOT BE USED.
- H. EACH SERVICE DISCONNECT SHALL BE PERMANENTLY MARKED TO IDENTIFY IT AS A SERVICE DISCONNECT.



KEY NOTES

- 1. PROVIDE (2) 4" UNDERGROUND PRIMARY SERVICE CONDUITS W/ PULL ROPE PER UTILITY CO. REQUIREMENTS FOR CONDUCTORS FURNISHED AND INSTALLED BY UTILITY CO. PRIOR TO START OF INSTALLATION, COORDINATE WITH JOINT TRENCH CONSULTANT/UTILITY CO. COMMITMENT DRAWINGS FOR EXACT SIZE AND QUANTITY OF CONDUITS REQUIRED.
- 2. PROVIDE (2) 5" UNDERGROUND SECONDARY SERVICE CONDUITS W/ PULL ROPES PER UTILITY CO. REQUIREMENTS FOR CONDUCTOR FURNISHED AND INSTALLED BY UTILITY CO. PRIOR TO START OF INSTALLATION, COORDINATE WITH JOINT TRENCH CONSULTANT/UTILITY CO. COMMITMENT DRAWINGS FOR EXACT SIZE AND QUANTITY OF CONDUITS REQUIRED.
- 3. PROVIDE 65,000 MINIMUM AMPS INTERRUPTING CAPACITY (A.I.C.) FOR MAIN BREAKER AND FEEDER BREAKERS. PRIOR TO BID, CONTRACTOR SHALL COORDINATE WITH THE POWER UTILITY COMPANY, THE MAXIMUM SHORT CIRCUIT CURRENT EXPECTED ON THE SECONDARY TERMINALS AT THE UTILITY COMPANY'S TRANSFORMER AND PROVIDE APPROPRIATE RATED EQUIPMENT. PROVIDE AIC CALCULATIONS AS NECESSARY TO JUSTIFY EQUIPMENT BEING SUBSTITUTED.
- 4. PROVIDE FULL LENGTH, 100% RATED NEUTRAL AND GROUND BUS.
- 5. PROVIDE METERING BASES AND SOCKETS, AS PER UTILITY CO. REQUIREMENTS.

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NO.	REMARKS	DATE

REVISION HISTORY

NO.	REVISION	DATE

KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

DESIGN DEVELOPMENT

AQUATIC FACILITIES
RENOVATION &
REPLACEMENT -
VICTORY PARK POOL CITY
PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

**ELECTRICAL ONE LINE
DIAGRAM**

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number E0.3
Drawn Author	Checked Checker

LIGHTING FIXTURE SCHEDULE (2023)										
Type	Manufacturer	Model	Lamp	Lumens	Color Temperature	Volts	Watts	Mounting	Description	
A1	COOPER LIGHTING	4VRVT3-LD5-4-W-UNV-EL10W-L835-CD1-WL-SSL-U-VT3-SS-SBK	LED	4000 lm	3500 K	120 V	31.0 W	SURFACE	LED FIXTURE, PROVIDE WITH 90 MINUTE EMERGENCY BACKUP BATTERY WHERE MARKED AS EMERGENCY LIGHT ON THE PLAN	
A3	COOPER LIGHTING	4VRVT3-LD5-8-W-UNV-EL10W-L835-CD1-WL-SSL-U-VT3-SS-SBK	LED	8000 lm	3500 K	120 V	69.0 W	SURFACE	LED FIXTURE, PROVIDE WITH 90 MINUTE EMERGENCY BACKUP BATTERY WHERE MARKED AS EMERGENCY LIGHT ON THE PLAN	
B1	COOPER LIGHTING	2VRVT3-LD5-4-G-UNV-EL10W-L835-CD1-U	LED	4000 lm	3500 K	120 V	32.0 W	WALL @ 8" - 0" AFF	LED FIXTURE, PROVIDE WITH 90 MINUTE EMERGENCY BACKUP BATTERY WHERE MARKED AS EMERGENCY LIGHT ON THE PLAN	
B2	COOPER LIGHTING	4BCLD-LD4-48HL-F-UNV-EL14W-L835-CD1-U	LED	4800 lm	3500 K	120 V	51.0 W	WALL @ 8" - 0" AFF	LED FIXTURE, PROVIDE WITH 90 MINUTE EMERGENCY BACKUP BATTERY WHERE MARKED AS EMERGENCY LIGHT ON THE PLAN	
B3	COOPER LIGHTING	2BCLD-LD4-48HL-F-UNV-EL14W-L835-CD1-U	LED	2800 lm	3500 K	120 V	29.0 W	SURFACE	LED FIXTURE, PROVIDE WITH 90 MINUTE EMERGENCY BACKUP BATTERY WHERE MARKED AS EMERGENCY LIGHT ON THE PLAN	
S1	COOPER LIGHTING	TT-D2-740-U-T4-PM	LED	5500 lm	4000 K	120 V	39.0 W	ROUND POLE	-	
SB1	COOPER LIGHTING	ABB-B2-LED-D1-A-8030	LED	845 lm	3000 K	120 V	23.0 W	BOLLARD	-	
SP1	COOPER LIGHTING	EPH-VN-06-D-750-U-T3-HSS	LED	5500 lm	5000 K	208 V	464.0 W	ROUND POLE	-	
W1	COOPER LIGHTING	ENC-SA1-A-740-U-T3-EBP	LED	2500 lm	4000 K	120 V	13.0 W	WALL MTD.	LED FIXTURE, PROVIDE WITH 90 MINUTE EMERGENCY BACKUP BATTERY WHERE MARKED AS EMERGENCY LIGHT ON THE PLAN	
X1	COOPER LIGHTING	PAL-GU	LED	0 lm	0 K	120 V	2.8 W	WALL MTD.	ILLUMINATED EXIT SIGN WITH EMERGENCY BATTERY BACKUP AND SELF-DIAGNOSTICS.	

Branch Panel: A2													
Location: ELECTRICAL 109				Volts: 120/208 Wye				A.I.C. Rating: 42000					
Supply From: MSB				Phases: 3				Mains Type:					
Mounting: Surface				Wires: 4				Mains Rating: 400 A					
Enclosure: Type 1								MCB Rating: MLO					
Notes:													
CKT	Load Name	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Load Name	CKT
1	RECEPT. ROOM 101	20 A	1	1,440			540			1	20 A	RECEPT. OUTDOOR	2
3	RECEPT. ROOM 102, 104-107	20 A	1	1,440			720			1	20 A	RECEPT. 108-110	4
5	RECEPT. ROOF	20 A	1		360			1,200		1	20 A	CHLORINE ROOM EXHAUST FAN	6
7	FC. ROOM 101, 101-103	20 A	2	75			1,248			2	15 A	HP-2 ROOF	8
9	--	--	--	75			1,248			--	--	--	10
11	REF-1, 2, 3 ROOF	20 A	1		1,044			1,248		2	15 A	HP-3 ROOF	12
13	HP-1 ROOF	15 A	2	1,248			1,248			--	--	--	14
15	--	--	--	1,248			6,268			3	70 A	MAU-1 ROOF	16
17	EW-1 ROOM 102	70 A	3		6,000			6,268		--	--	--	18
19	--	--	--	6,000			6,268			--	--	--	20
21	--	--	--	6,000			180			1	20 A	FACP	22
23	CP-1	20 A	1		180			360		1	20 A	MDR ROOM 102	24
25	RECEPT. ROOM 103	20 A	1	1,440			0			1	20 A	SPARE	26
27	SPARE	20 A	1	0			0			1	20 A	SPARE	28
29	SPARE	20 A	1	0			0			1	20 A	SPARE	30
31	SPARE	20 A	1	0			0			1	20 A	SPARE	32
33	SPARE	20 A	1	0			0			1	20 A	SPARE	34
35	SPARE	20 A	1	0			0			1	20 A	SPARE	36
37	SPARE	20 A	1	0			0			1	20 A	SPARE	38
39	SPARE	20 A	1	0			0			1	20 A	SPARE	40
41	SPARE	20 A	1	0			0			1	20 A	SPARE	42
				Total Load:		19,481 VA		17,085 VA		16,643 VA			
				Total Amps:		163 A		143 A		139 A			
Legend:													
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals									
Continuous	18180 VA	125.00%	22725 VA										
Motor	28697 VA	116.29%	33569 VA	Total Conn. Load: 5,400 VA									
Receptacle	6221 VA	100.00%	6221 VA	Total Est. Demand: 6,750 VA									
				Total Conn. Current: 148 A									
				Total Est. Demand Current: 173 A									
Notes:													

Branch Panel: A1													
Location: ELECTRICAL 109				Volts: 120/208 Wye				A.I.C. Rating: 42000					
Supply From: MSB				Phases: 3				Mains Type:					
Mounting: Surface				Wires: 4				Mains Rating: 125 A					
Enclosure: Type 1								MCB Rating: MLO					
Notes:													
CKT	Load Name	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Load Name	CKT
1	INTERIOR LIGHTING	20 A	1	1,248			928			2	20 A	BASKETBALL COURT LIGHTING	2
3	EXTERIOR LIGHTING	20 A	1	143			928			--	--	--	4
5	SITE LIGHTING	20 A	1		763			696		2	20 A	BASKETBALL COURT LIGHTING	6
7	SPARE	20 A	1	0			696			--	--	--	8
9	SPARE	20 A	1	0			0			1	20 A	SPARE	10
11	SPARE	20 A	1	0			0			1	20 A	SPARE	12
13	SPARE	20 A	1	0			0			1	20 A	SPARE	14
15	SPARE	20 A	1	0			0			1	20 A	SPARE	16
17	SPARE	20 A	1	0			0			1	20 A	SPARE	18
19	SPARE	20 A	1	0			0			1	20 A	SPARE	20
21	SPARE	--	--	--	--	--	--	--	--	--	--	SPARE	22
23	SPARE	--	--	--	--	--	--	--	--	--	--	SPARE	24
25	SPARE	--	--	--	--	--	--	--	--	--	--	SPARE	26
27	SPARE	--	--	--	--	--	--	--	--	--	--	SPARE	28
29	SPARE	--	--	--	--	--	--	--	--	--	--	SPARE	30
				Total Load:		2,870 VA		1,071 VA		1,459 VA			
				Total Amps:		24 A		9 A		13 A			
Legend:													
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals									
Lighting	5400 VA	125.00%	6750 VA										
				Total Conn. Load: 5,400 VA									
				Total Est. Demand: 6,750 VA									
				Total Conn. Current: 15 A									
				Total Est. Demand Current: 19 A									
Notes:													

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NO.	REMARKS	DATE

REVISION HISTORY

DATE

PLAN CHECK
 BACK CHECK
 BIDDING
 CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

DESIGN DEVELOPMENT

AQUATIC FACILITIES
RENOVATION &
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VICTORY PARK POOL CITY
PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

ELECTRICAL SCHEDULES

Date: MM/DD/YYYY Project Number: 22009
 Application Number: XX-XXXXXX Drawing Number: E0.4
 Drawn: _____ Checked: _____
 Author: _____ Checker: _____

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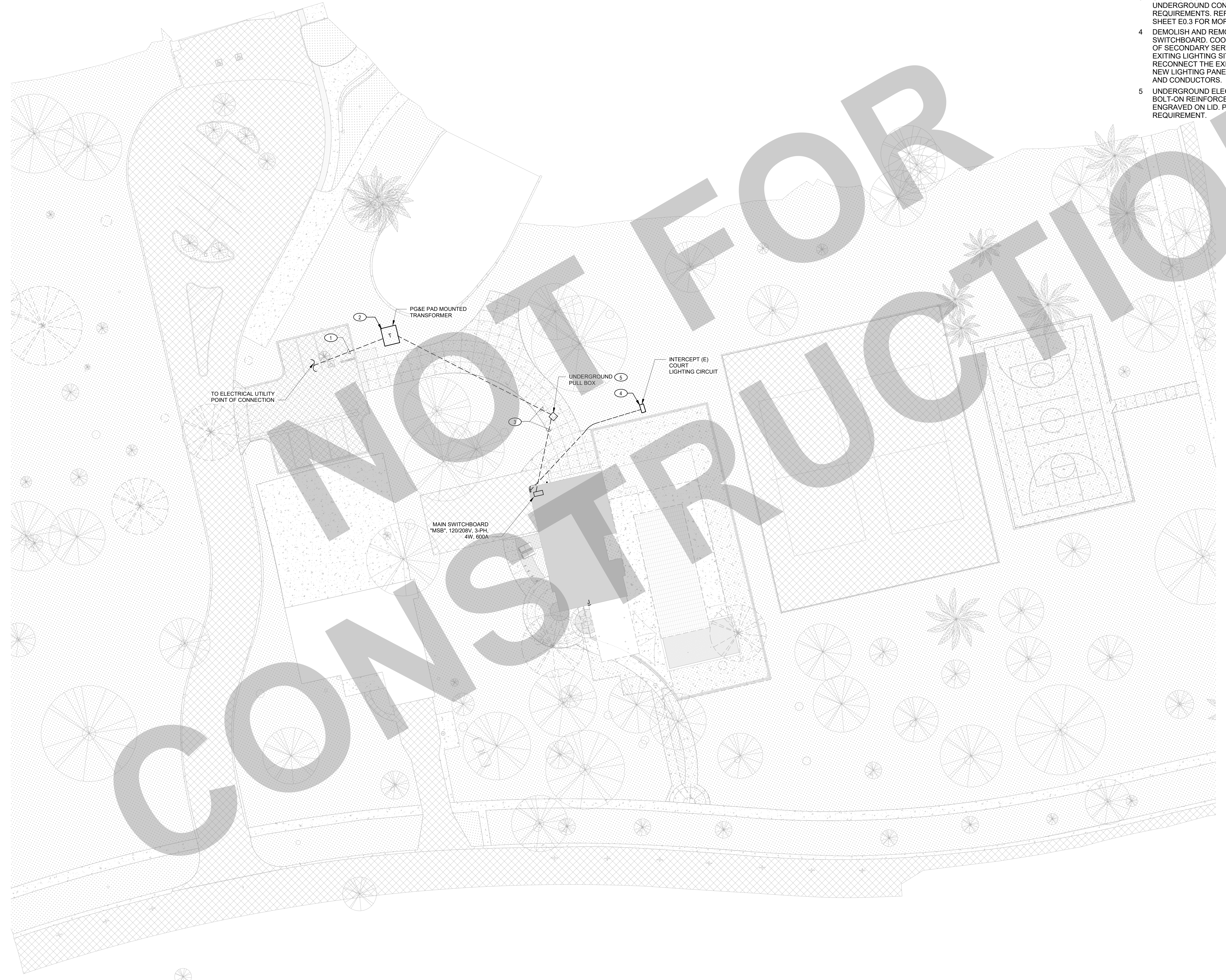


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- KEY NOTES**
- 1 UNDERGROUND PRIMARY SERVICE; PROVIDE UNDERGROUND CONDUITS PER UTILITY COMPANY REQUIREMENTS. REFER TO ONE LINE DIAGRAM ON SHEET E0.3 FOR MORE INFO.
 - 2 UTILITY COMPANY PAD-MOUNTED SERVICE TRANSFORMER. PROVIDE CONCRETE PAD AND PROTECTIVE BOLLARD PER UTILITY COMPANY STANDARDS AND REQUIREMENTS. COORDINATE THE PAD REQUIREMENT, TRANSFORMER ORIENTATION AND TRANSFORMER REQUIRED CLEARANCE WITH UTILITY COMPANY PRIOR TO PLACING THE TRANSFORMER PAD.
 - 3 UNDERGROUND SECONDARY SERVICE; PROVIDE UNDERGROUND CONDUITS PER UTILITY COMPANY REQUIREMENTS. REFER TO ONE LINE DIAGRAM ON SHEET E0.3 FOR MORE INFO
 - 4 DEMOLISH AND REMOVE EXISTING SERVICE SWITCHBOARD. COORDINATE WITH PG&E FOR REMOVAL OF SECONDARY SERVICE CONDUCTORS. INTERCEPT EXISTING LIGHTING SITE LIGHTING CIRCUIT(S). RECONNECT THE EXISTING LIGHTING CIRCUIT(S) TO NEW LIGHTING PANEL "A1". MATCH EXISTING CONDUIT AND CONDUCTORS.
 - 5 UNDERGROUND ELECTRICAL PULL BOX. TRAFFIC RATED. BOLT-ON REINFORCED LID AND "ELECTRICAL" ENGRAVED ON LID. PROVIDE PER AND SIZE PER PG&E REQUIREMENT.



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DESIGN DEVELOPMENT

**AQUATIC FACILITIES
RENOVATION &
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VICTORY PARK POOL CITY**
PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

ELECTRICAL SITE PLAN

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number E1.1
Drawn Author	Checked Checker

1 ELECTRICAL SITE PLAN
SCALE: 1" = 20'0"

PRINT DATE: 7/18/2023 1:20:05 PM
FILE PATH: C:\Users\mst\Documents\2007_Victory Park Pool_MEP-F&E_Tech_01_mst\ARW\W\

- KEY NOTES**
- BASKETBALL COURT POLE LIGHT. PROVIDE POLE AND ALL REQUIRED MOUNTING ACCESSORIES. INSTALL PER MANUFACTURER INSTRUCTIONS.

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NO.	REMARKS	DATE

DATE	STATUS
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	<input type="radio"/> BACK CHECK
	<input type="radio"/> BIDDING
	<input type="radio"/> CONSTRUCTION

KEY PLAN

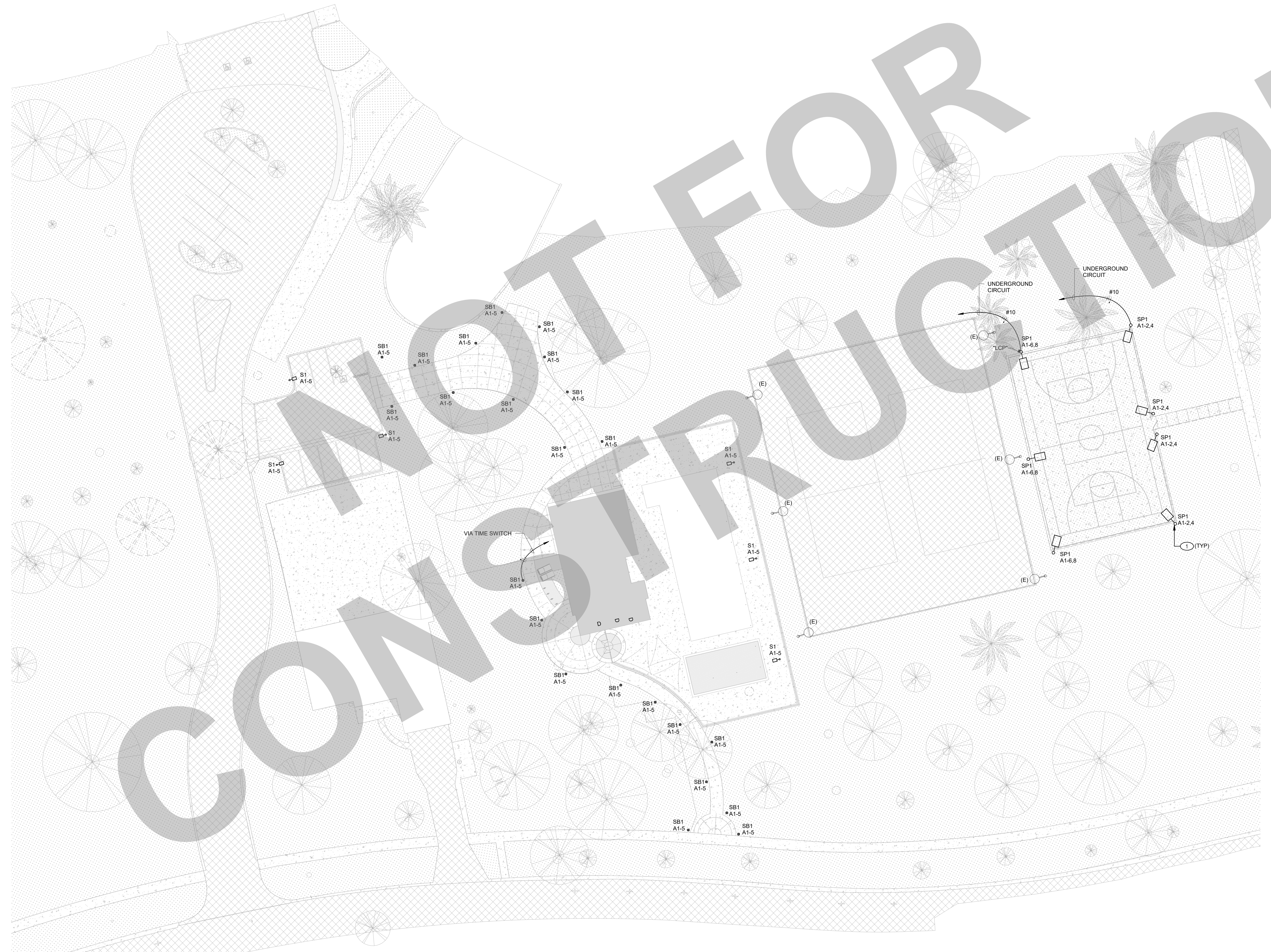
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DESIGN DEVELOPMENT

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PROJECT NO. CR18020
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STOCKTON, CA 95203

SITE LIGHTING PLAN

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number E1.2
Drawn Author	Checked Checker



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

PRINT DATE: 7/18/2023 1:26:11 PM
FILE PATH: C:\Users\mst\Documents\2022_Victory Park Pool MEP-F&S_Tech_01_mst\ARW\W1.dwg

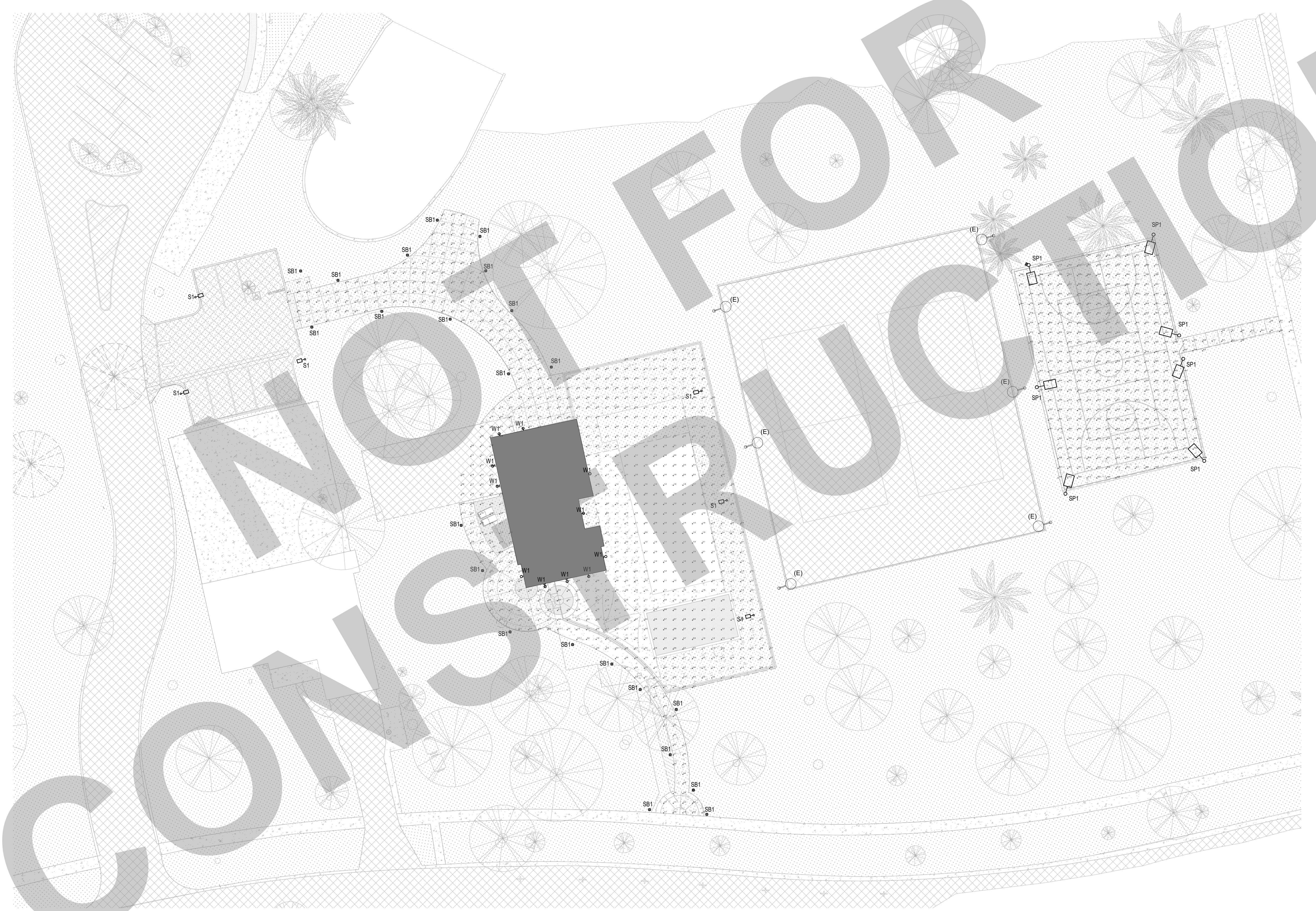
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PHOTOMETRIC STATISTICS						
SYMBOL	DESCRIPTION	AVERAGE	MAXIMUM	MINIMUM	MAXIMUM/MINIMUM	AVERAGE/MINIMUM
+	POOL DECK AND WALKWAYS	1.6 FC	6.3 FC	0.2 FC	31.5/1	8.0/1
+	BASKETBALL COURT	21.0	27.2	12.9	2.1/1	1.6/1



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

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KEY PLAN

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DESIGN DEVELOPMENT

AQUATIC FACILITIES
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 VICTORY PARK POOL CITY
 PROJECT NO. CR18020
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SITE LIGHTING
 PHOTOMETRIC PLAN

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number E1.3
Drawn Author	Checked Checker

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Job #: 22-2007

KEY NOTES

- 1 PROVIDE 120V, 20A POWER CONNECTION TO THE EXHAUST FAN. COORDINATE THE EXACT LOCATION ON SITE WITH EQUIPMENT INSTALLER. SEE MECHANICAL DRAWINGS FOR MORE INFO.
- 2 CONTROLLED/UNCONTROLLED RECEPTACLES, CONTROLLED RECEPTACLE SHALL BE MARKED PROPERLY FOR INDEMNIFICATION. PER CEC 406.3(C)
- 3 PROVIDE DEDICATED POWER CONNECTION TO MDF. COORDINATE THE EXACT LOCATION AND MOUNTING HEIGHT WITH SYSTEM INSTALLER ON SITE. SEE TECHNOLOGY DRAWINGS FOR MORE INFO.
- 4 PROVIDE DEDICATED POWER CONNECTION TO FIRE ALARM CONTROL PANEL (FACP). COORDINATE THE EXACT LOCATION AND MOUNTING HEIGHT WITH SYSTEM INSTALLER ON SITE. SEE FIRE ALARM DRAWINGS FOR MORE INFO.
- 5 PROVIDE POWER CONNECTION TO POOL EQUIPMENT PANEL "SP". SEE ONE LINE DIAGRAM FOR FEEDER INFO. COORDINATE THE PANEL EXACT LOCATION WITH POOL CONTRACTOR.
- 6 PROVIDE 7-DAY 4-CIRCUIT ELECTRONIC ASTRONOMIC TIME SWITCH FOR OUTDOOR LIGHTING CONTROL. BASIS OF DESIGN IS INTERMATIC ET8415CR.

GENERAL NOTES

- A. COORDINATE BUILDING EXTERIOR FIXTURE MOUNTING HEIGHT WITH ARCHITECT EXTERIOR ELEVATION.
- B. ONLY LIGHTING CONTROL DEVICES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL PROVIDE SHOP DRAWING FOR LIGHTING CONTROL SYSTEM, SHOWING ALL COMPONENTS, LOCATIONS AND POINT-TO-POINT WIRING DIAGRAM FOR REVIEW AND APPROVAL. CONTRACTOR SHALL PROVIDE REQUIRED PROGRAMMING, CONFIGURATIONS AND ADJUSTMENTS, FOR A COMPLETE AND OPERABLE SYSTEM. CONTRACTOR SHALL PROVIDE LUTRON LIGHTING CONTROLS PER DISTRICT STANDARD.
- C. REFER TO SHEET E-001 FOR OCCUPANCY AND DAYLIGHT SENSOR NOTES.
- D. CONDUITS, CONDUIT FITTINGS, AND J-BOXES SHALL BE PVC OR RUST-RESISTANT STAINLESS STEEL IN ALL CHEMICAL STORAGE ROOMS.

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NO.	REMARKS	DATE

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KEY PLAN

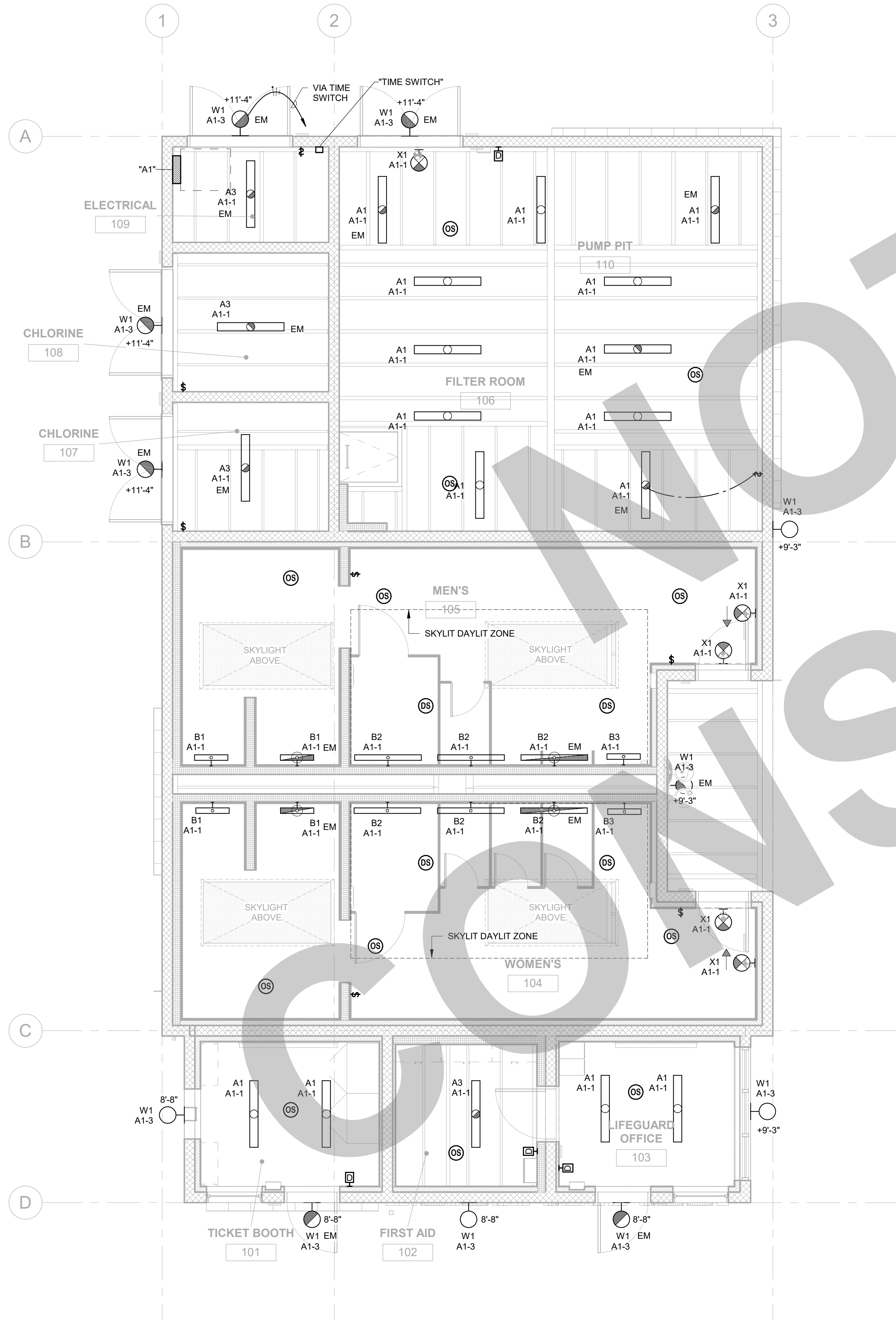
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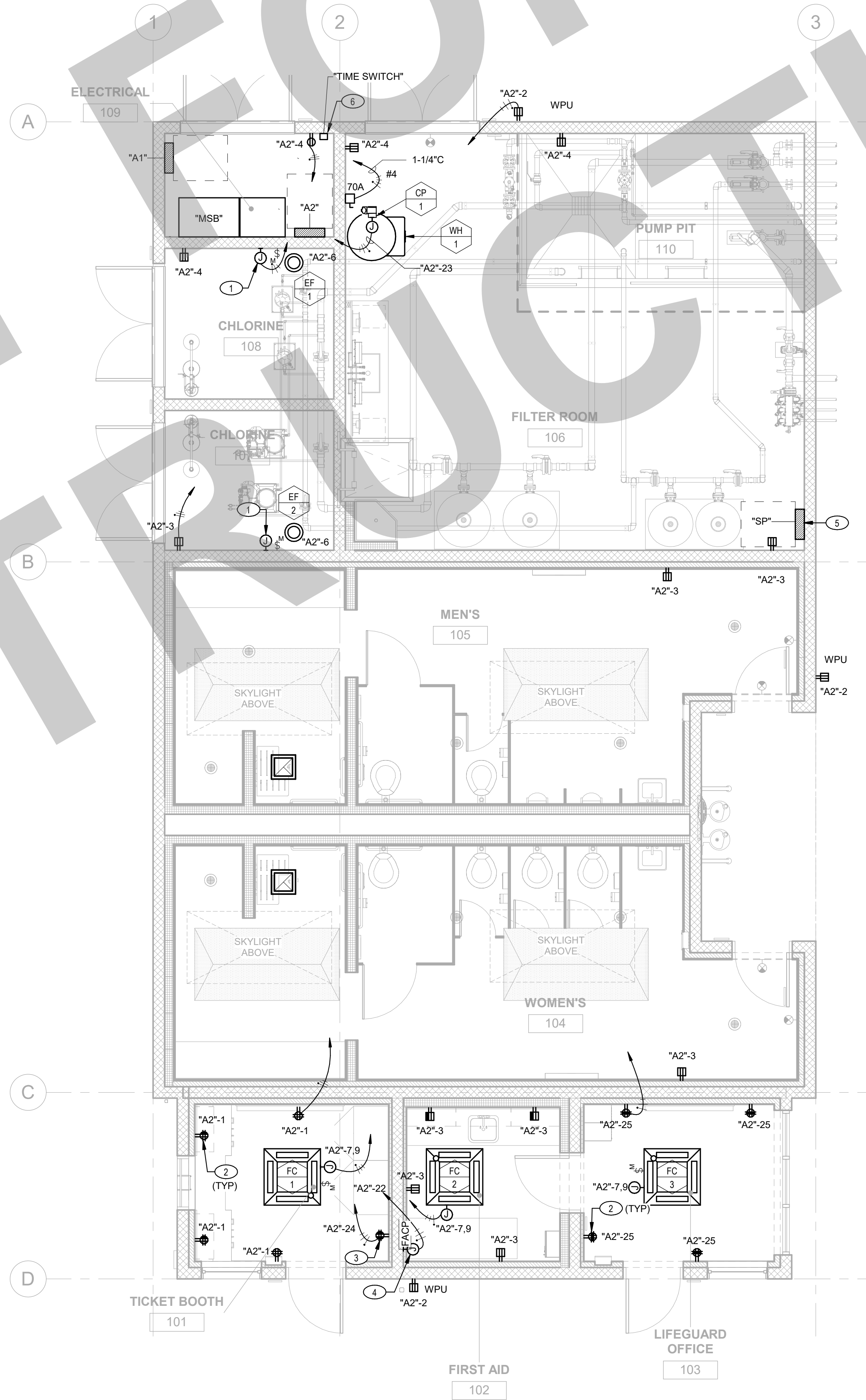
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ELECTRICAL FLOOR PLAN

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXX	Drawing Number E2.1
Drawn Author	Checked Checker



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



1 ELECTRICAL FLOOR PLAN
SCALE: 1/4" = 1'-0"

PRINT DATE: 7/8/2023 1:29:20 PM
FILE PATH: C:\Users\mst\Documents\2022\07_Victory Park Pool MEP-Fin_Tech_01_mst\AR\W\w\

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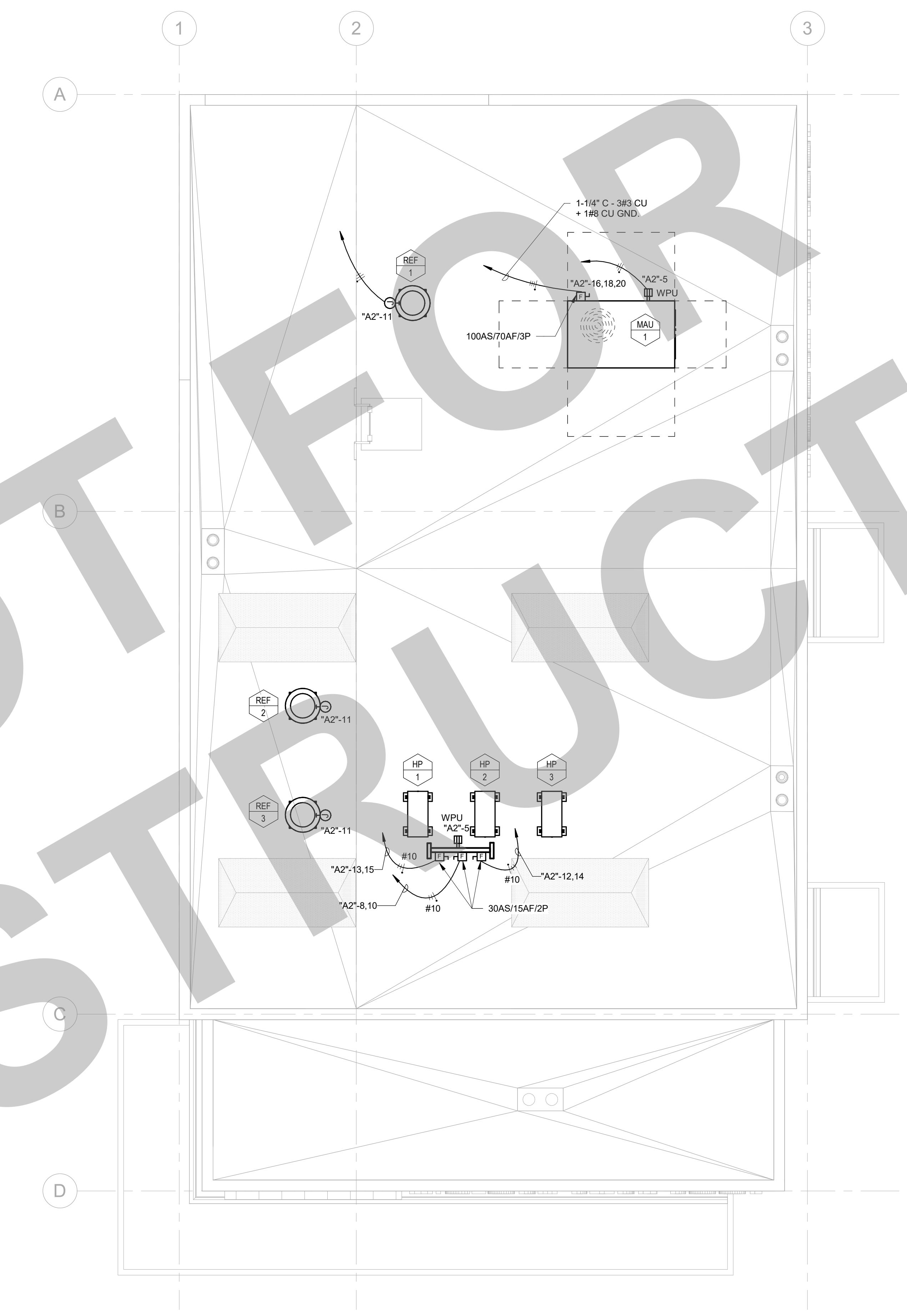


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GENERAL NOTES

- A. ALL CONDUITS IN A SCOPE OF WORK SHALL BE RIGID METAL CONDUIT TYPE WITH THREADED CONNECTORS AND FITTINGS PER PROJECT SPECIFICATIONS.
- B. EACH DISCONNECT SWITCH SHALL BE PERMANENTLY MARKED WITH THE CORRESPONDING CIRCUIT NUMBER SERVING THAT UNIT.
- C. IN INSTANCES WHERE MORE THAN 3 CURRENT-CARRYING CONDUCTORS SHARE A COMMON RACEWAY CONDUCTOR AMPACITIES SHALL BE ADJUSTED IN ACCORDANCE WITH CEC 310.15(B)(3)(a) AND 310.15(B)(2)(a).
- D. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL EQUIPMENT VENDOR FOR A SUITABLE DISCONNECT SWITCH MOUNTING LOCATION.
- E. RECEPTACLES OF 15 AND 20 AMPERES, 125 AND 250 VOLTS INSTALLED IN A WET LOCATION SHALL HAVE AN ENCLOSURE THAT IS WEATHERPROOF WHETHER OR NOT THE ATTACHMENT PLUG CAP IS INSERTED. AN OUTLET BOX HOOD INSTALLED FOR THIS PURPOSE SHALL BE LISTED AND SHALL BE IDENTIFIED AS "EXTRA-DUTY" PER CEC 406.9(B)(1).
- F. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUITS REQUIRED FOR HVAC AND PLUMBING CONTROLS LOW VOLTAGE WIRES. COORDINATE WITH MECHANICAL CONTRACTOR. REFER TO MECHANICAL DRAWINGS FOR MORE INFO.



1 ELECTRICAL ROOF PLAN
 SCALE: 1/4" = 1'-0"

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NO.	REMARKS	DATE

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<input type="radio"/> BACK CHECK	
<input type="radio"/> BIDDING	
<input type="radio"/> CONSTRUCTION	

KEY PLAN

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 425 N EL DORADO STREET
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DESIGN DEVELOPMENT

**AQUATIC FACILITIES
 RENOVATION &
 REPLACEMENT -
 VICTORY PARK POOL CITY**
 PROJECT NO. CR18020
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ELECTRICAL ROOF PLAN

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number E4.1
Drawn Author	Checked Checker

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NO.	REMARKS	DATE

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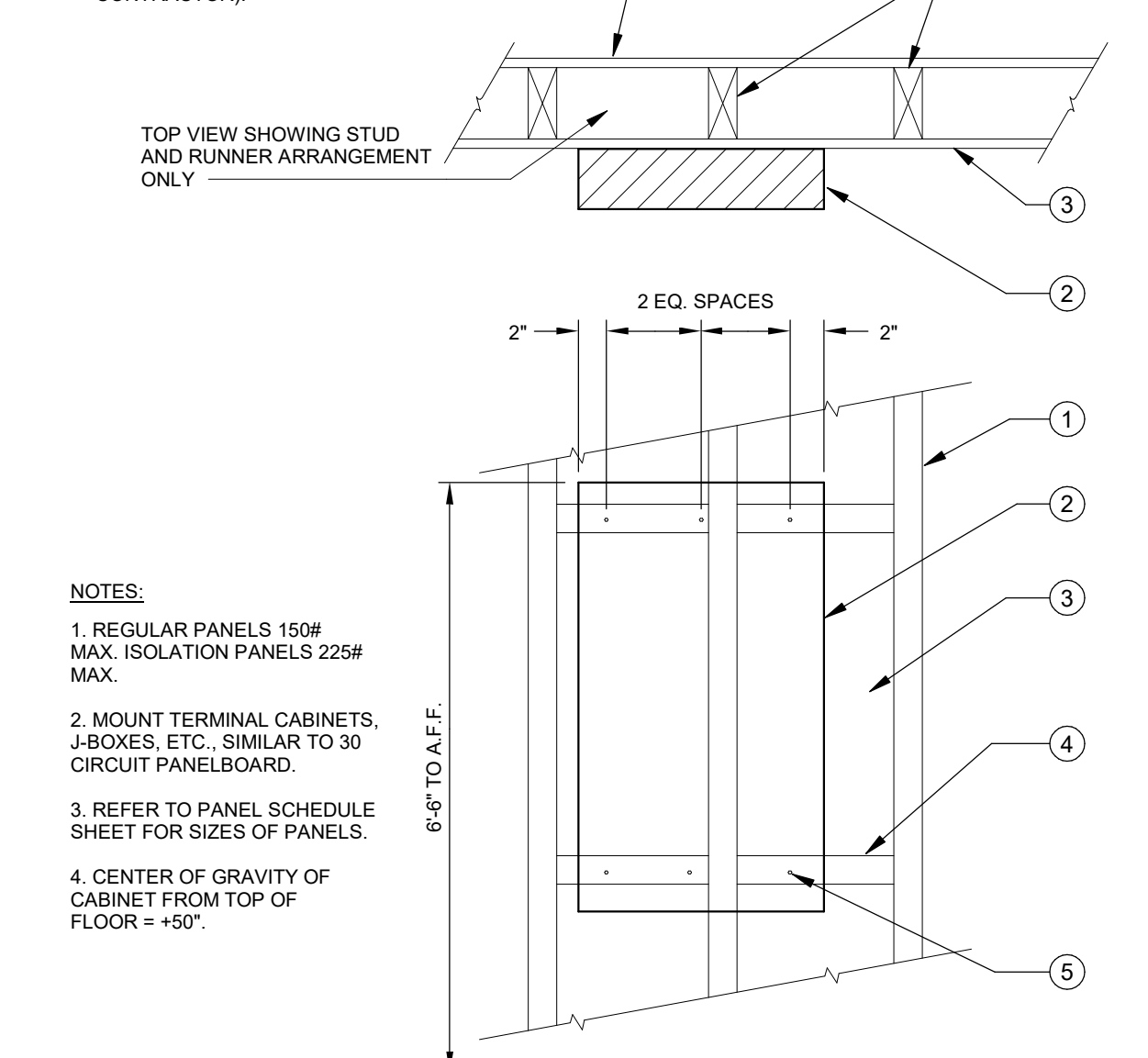
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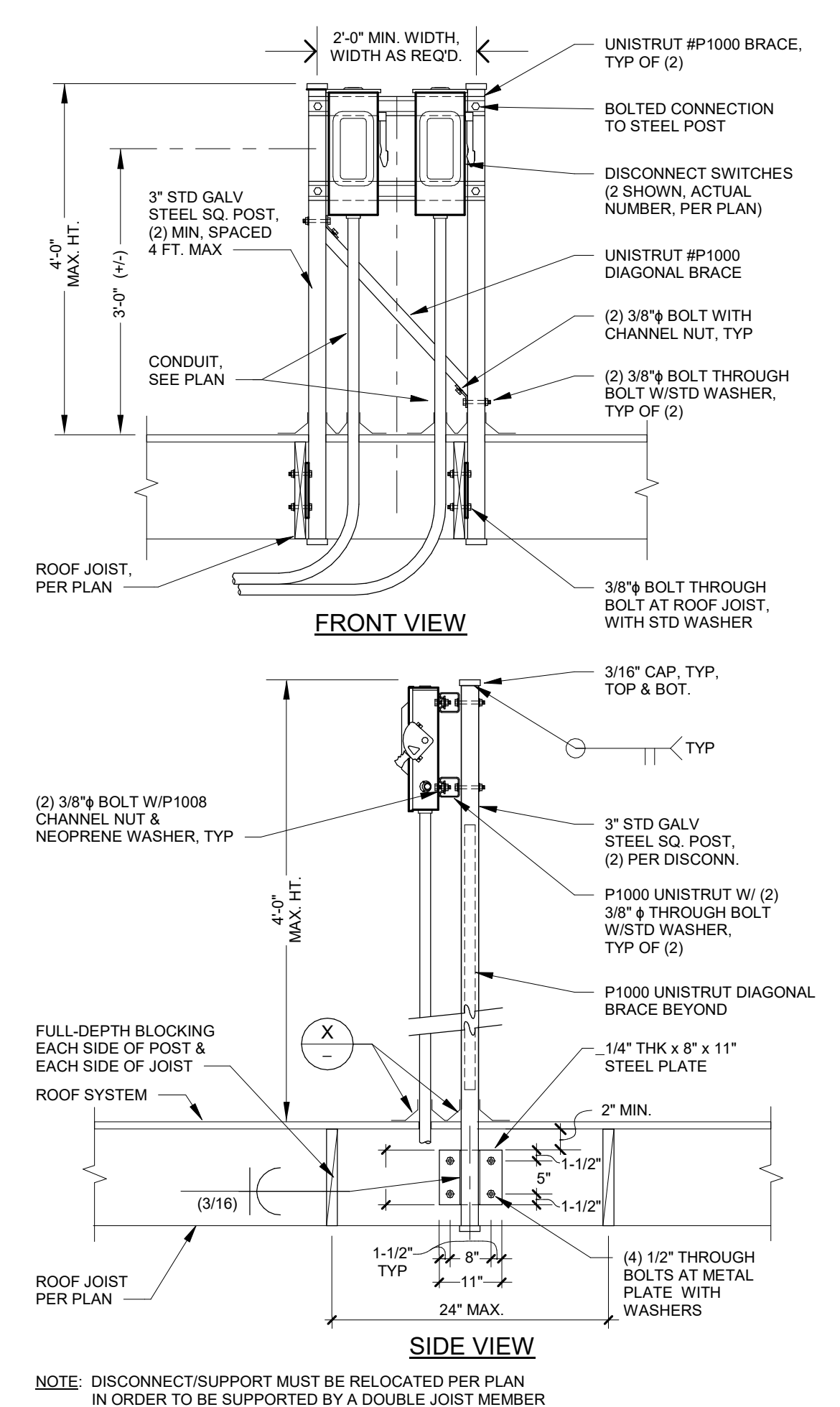
ELECTRICAL DETAILS

Date: MM/DD/YYYY
Project Number: 22009
Application Number: XX-XXXXX
Drawing Number: E7.1
Drawn: Author
Checked: Checker

- KEY NOTES:**
- WOOD STUD.
 - SURFACE MOUNTED PANEL CABINET.
 - SHEET ROCK OR OTHER WALL SURFACE MATERIAL. (SEE ARCH. DRAWINGS)
 - WOOD STUDS FASTENED TO VERTICAL STUDS AT EACH END WITH TWO 16D NAILS AT EACH END.
 - 5/16" x 2-1/2" LAG SCREWS (BY ELECTRICAL CONTRACTOR).

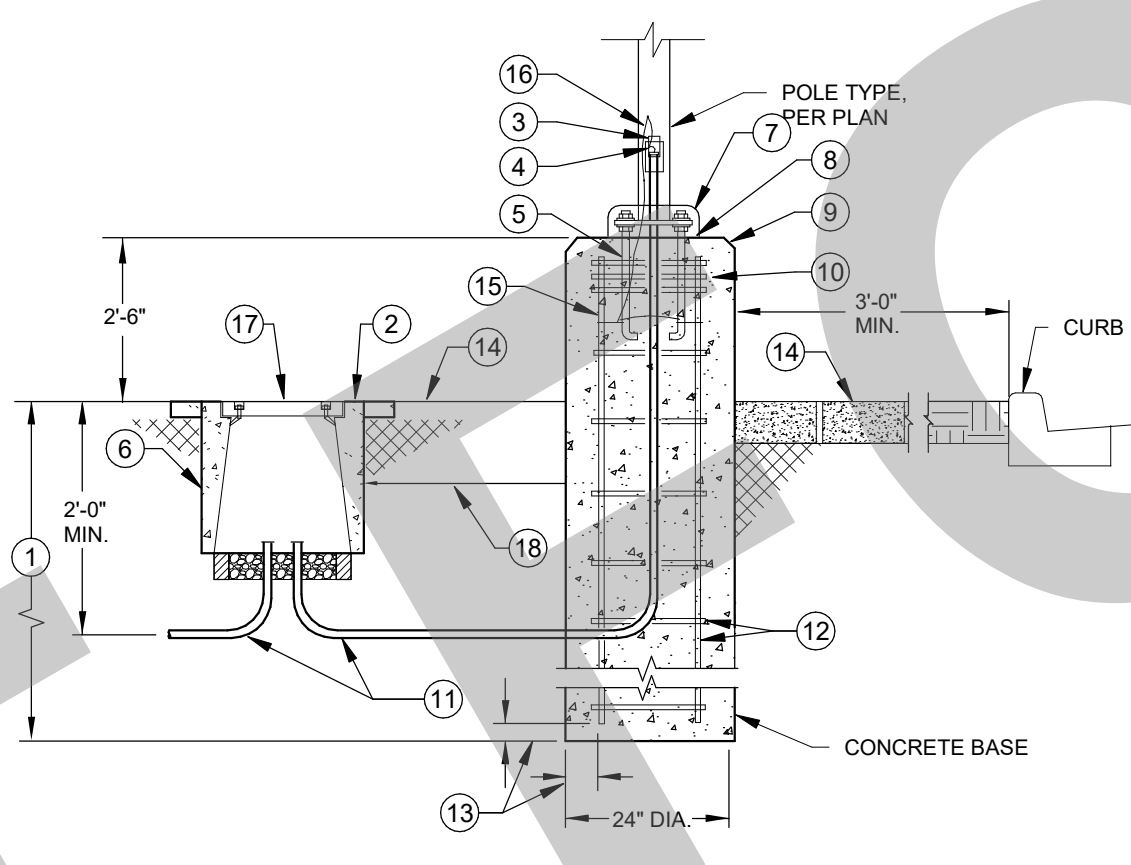


SURFACE PANELBOARD/CABINET WOOD FRAMING MOUNTING DETAIL NTS 9

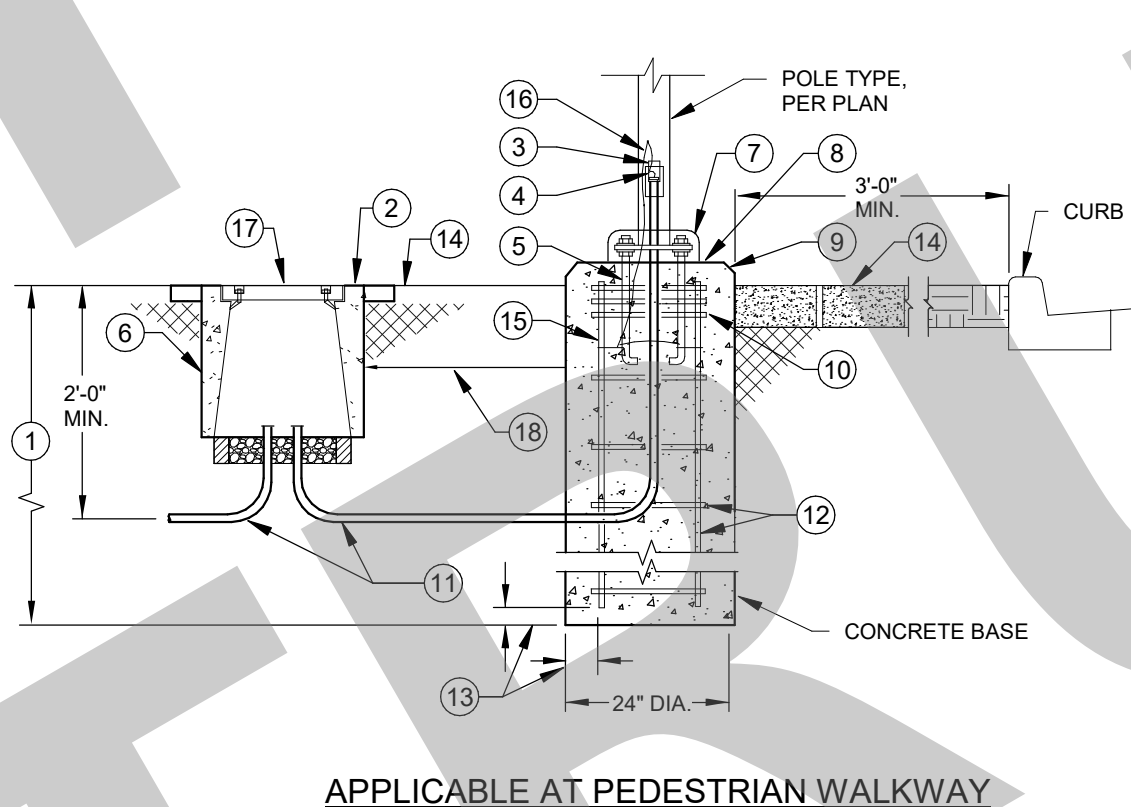


DISCONNECT(S) MOUNTED ON ROOF, ON UNISTRUT & STEEL POST DETAIL NTS 8

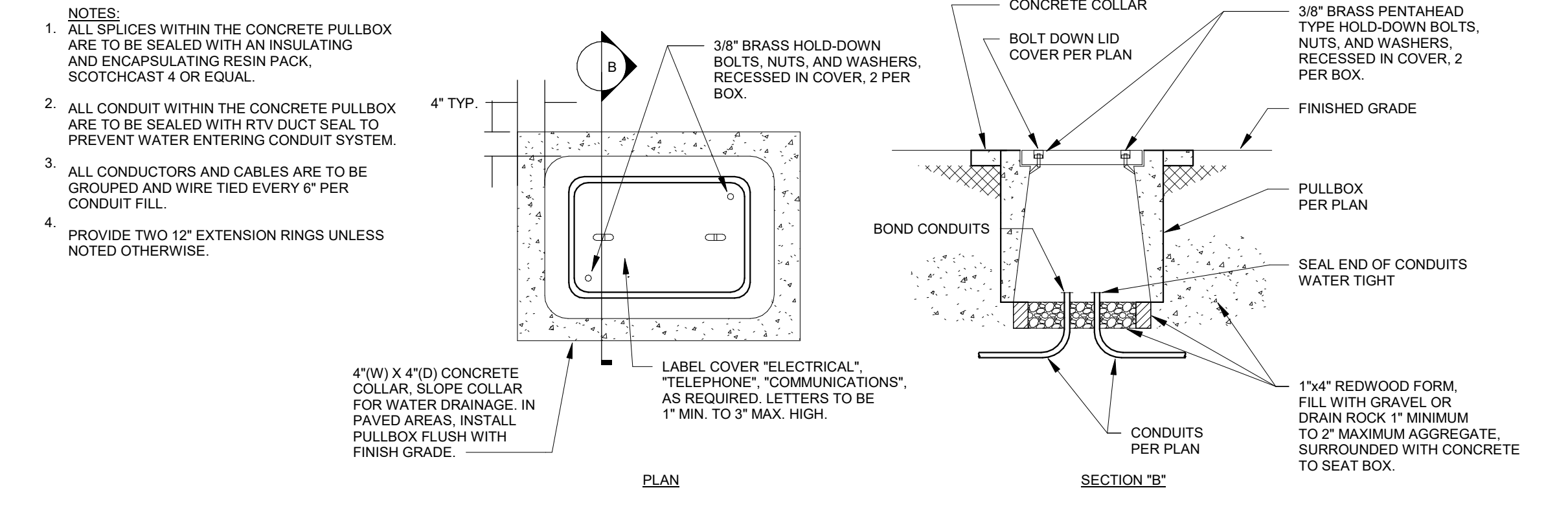
- KEYNOTES**
- PROVIDE 4" MINIMUM FOR LIGHT POLE UP TO 25 FEET, AND 6" MINIMUM FOR LIGHT POLE UP TO 35 FEET. PROVIDE BASE SIZE BASED ON POLE HEIGHT.
 - UNDERGROUND PULL BOX REQUIRED ADJACENT TO POLE BASE. SET TOP OF PULLBOX FLUSH WITH FINISHED GRADE.
 - GASKETED HANDHOLE COVER WITH TWO STAINLESS STEEL TAMPER PROOF SCREWS.
 - CONNECT GROUND WIRE TO GROUNDING LUG OF POLE AT HANDHOLE.
 - FOUR ANCHOR BOLTS, SIZE PER MANUFACTURER'S STANDARDS.
 - PROVIDE PULL BOX ONLY WHERE SHOWN ON PLAN.
 - BASECOVER, SECURE TO POLE AND/OR BASE.
 - PROVIDE 1-1/2" MINIMUM GROUT AROUND THE BASE AFTER PLUMB. SLOPE TO GRADE FOR DRAINAGE.
 - PROVIDE CONCRETE BASE WITH 1/2" CHAMFER, CONCRETE FILL AND SACK FINISH ALL CONCRETE SURFACE IMPERFECTIONS, CAVITIES AND VOIDS ABOVE FINISHED GRADE.
 - PROVIDE (3) #3 REBAR TIES, REINFORCE STEEL HOOPS 2" ON CENTER WITHIN TOP 5" AREA.
 - CONDUIT PER PLAN.
 - PROVIDE (8) #4 REINFORCE STEEL RODS AND (8) REINFORCED STEEL HOOPS 9" ON CENTER, SIZE PER MANUFACTURER'S STANDARDS.
 - PROVIDE 3" CLEAR IF CAST AGAINST EARTH, TYPICAL.
 - FINISHED GRADE OF PAVING PER ARCHITECTURAL DRAWINGS.
 - UL LISTED GROUND CLAMP SUITABLE FOR CONCRETE ENCASUREMENT OR DIRECT BURIAL. INSTALL CLAMPS ON ALL ANCHOR BOLTS, TYPICAL.
 - SPLICE GROUND WIRE AND EXTEND TO GROUND CLAMP AT ANCHOR BOLT.
 - PROVIDE TRAFFIC BOLT-DOWN COVER.
 - LOCATE PULL BOX ADJACENT TO THE POLE CONCRETE BASE.



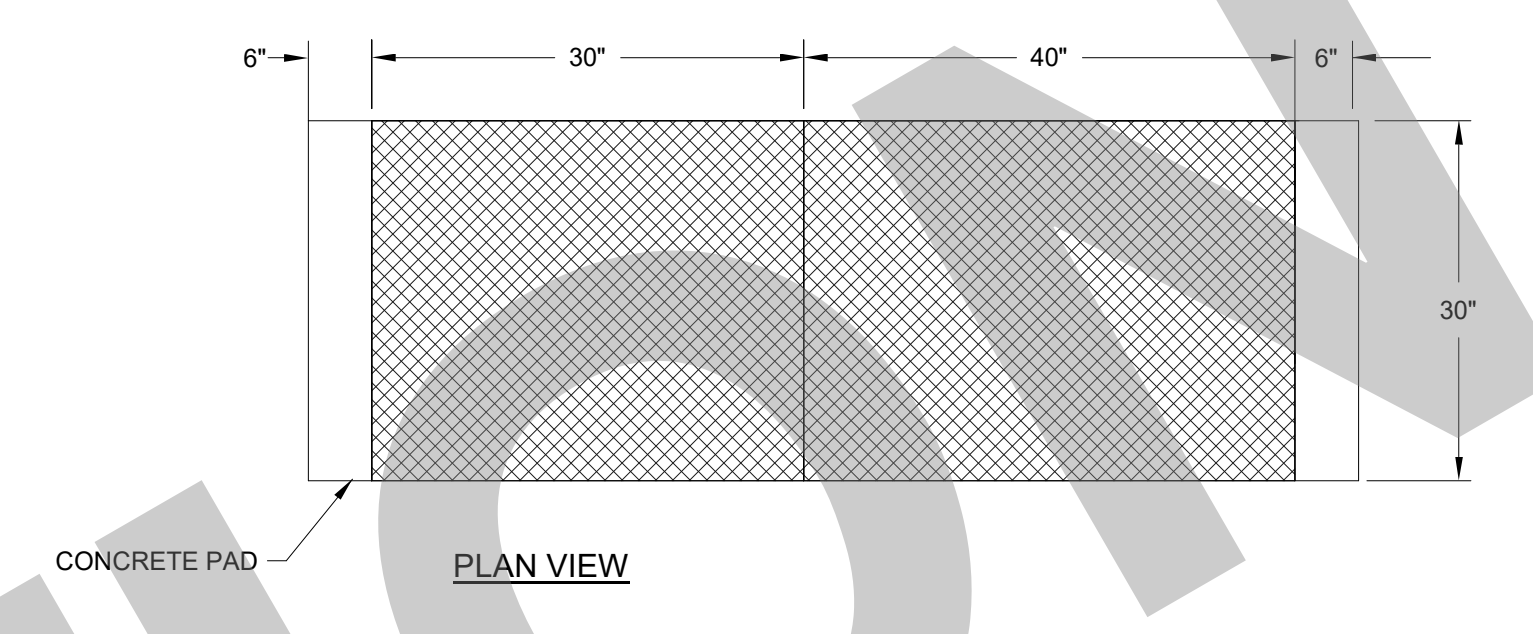
RAISED CONCRETE POLE BASE APPLICABLE AT PARKING LOT



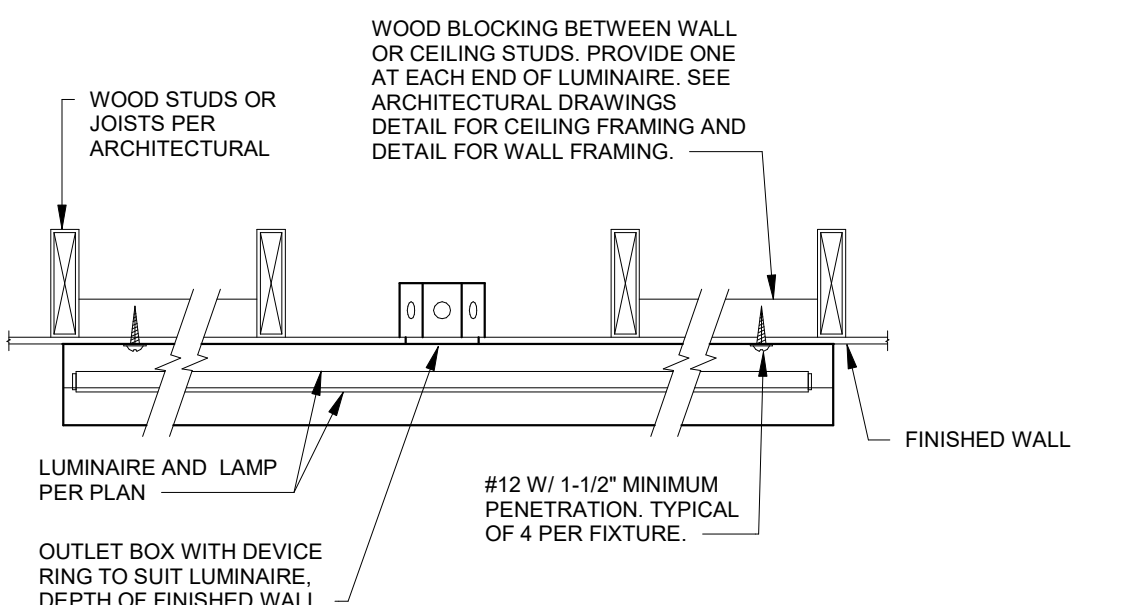
LIGHT FIXTURE POLE BASE MOUNTING DETAIL NTS 7



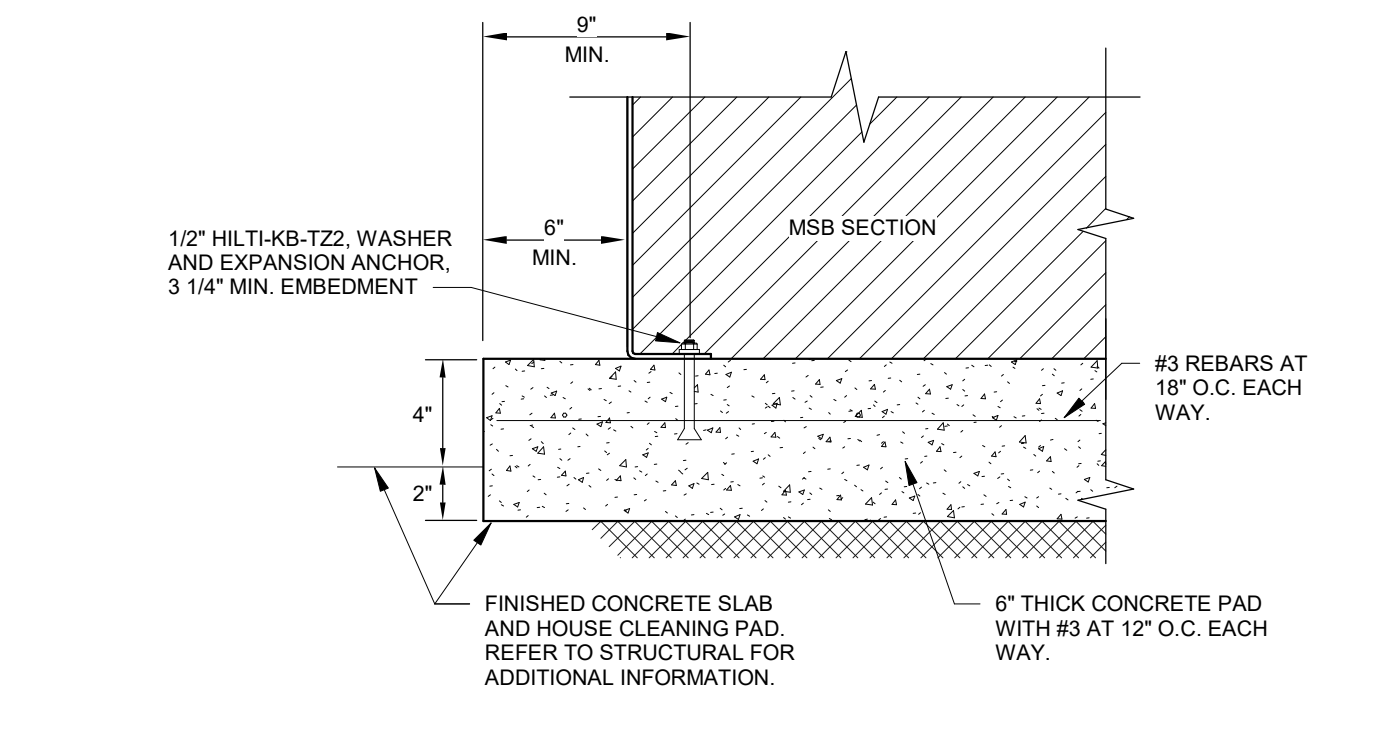
UNDERGROUND CONCRETE PULLBOX DETAIL NTS 1



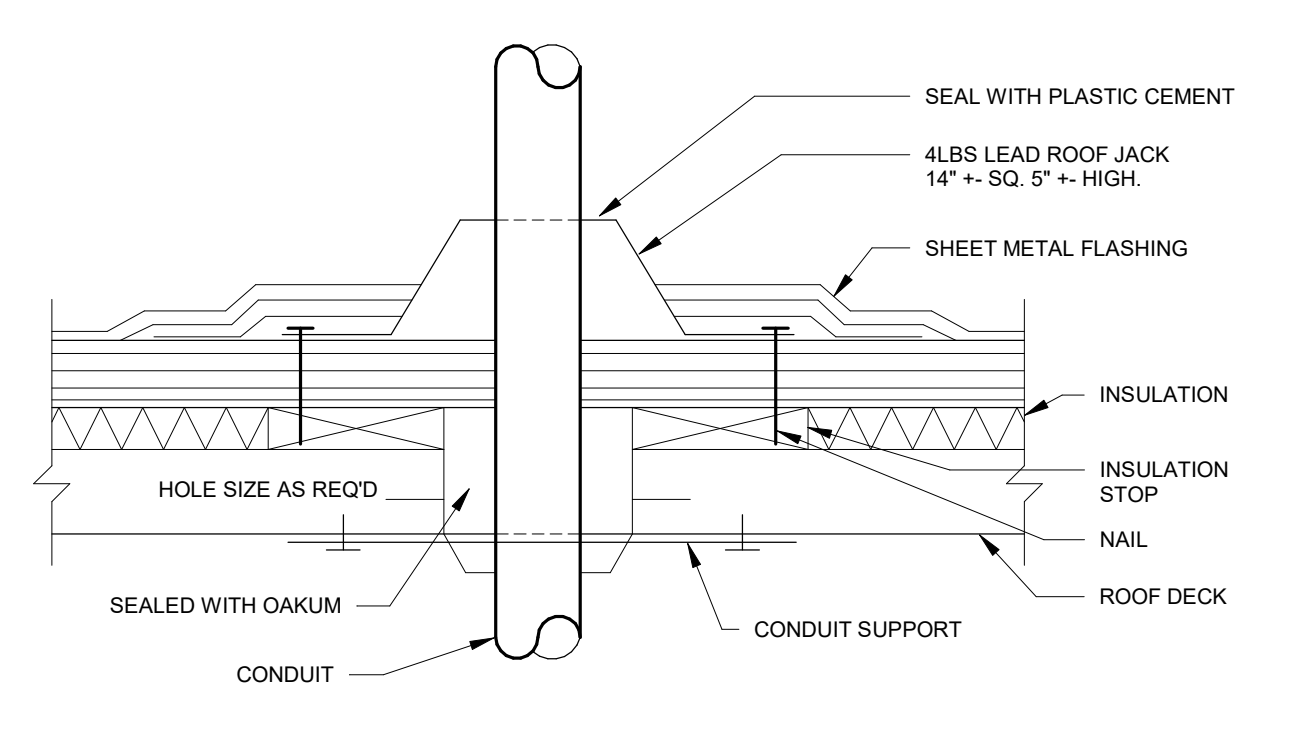
MAIN SWITCHBOARD "MSB" ELEVATION DETAIL NTS 2



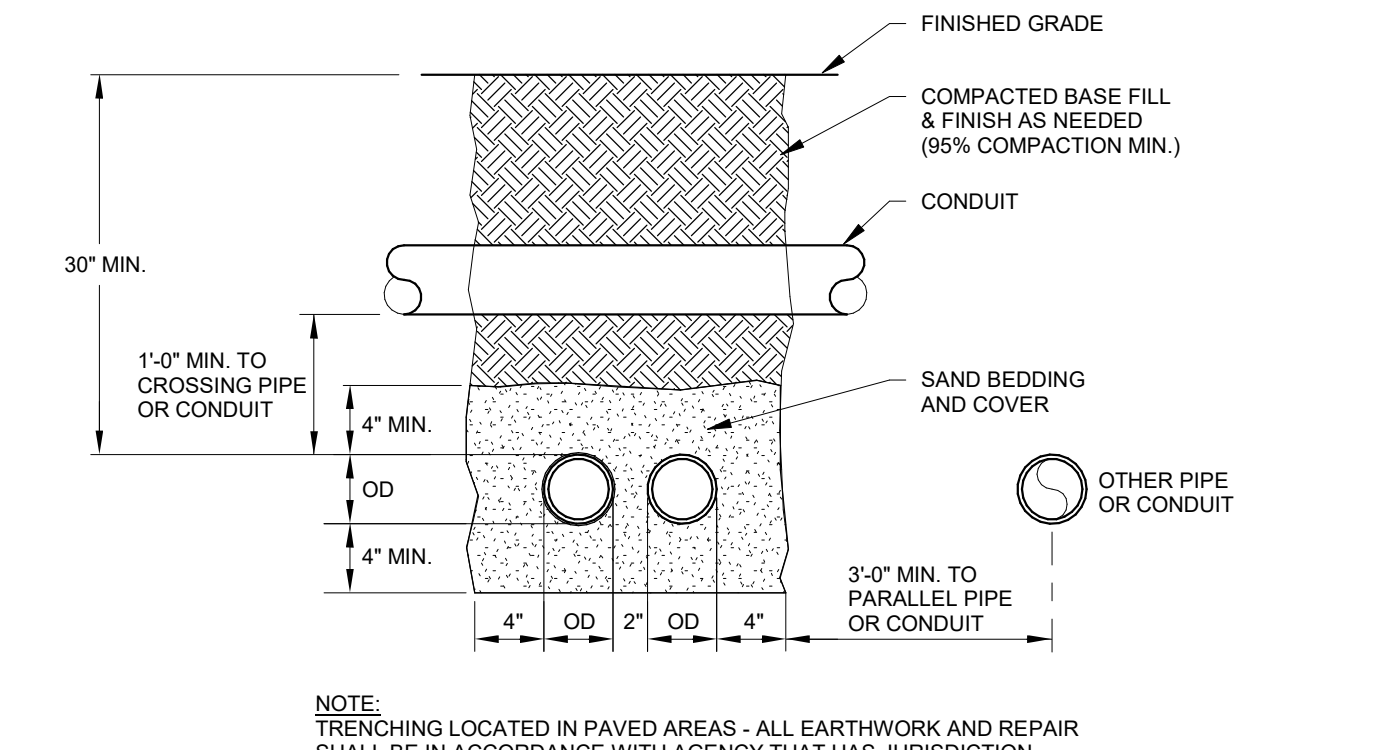
WALL-CLG MTD LT FIXT WOOD FRAMING NTS 5



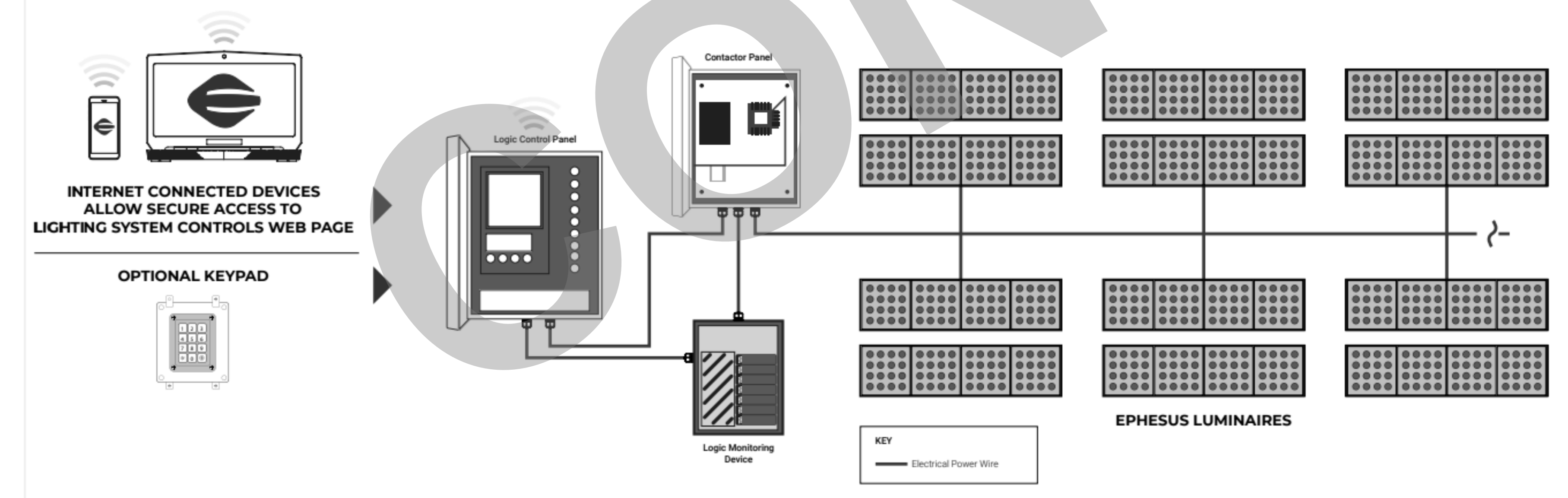
SWITCHBOARD MOUNTING DETAIL FINISHED SLAB NTS 3



ROOF CONDUIT PENETRATION DETAIL NTS 6



TYPICAL TRENCH DETAIL NTS 4

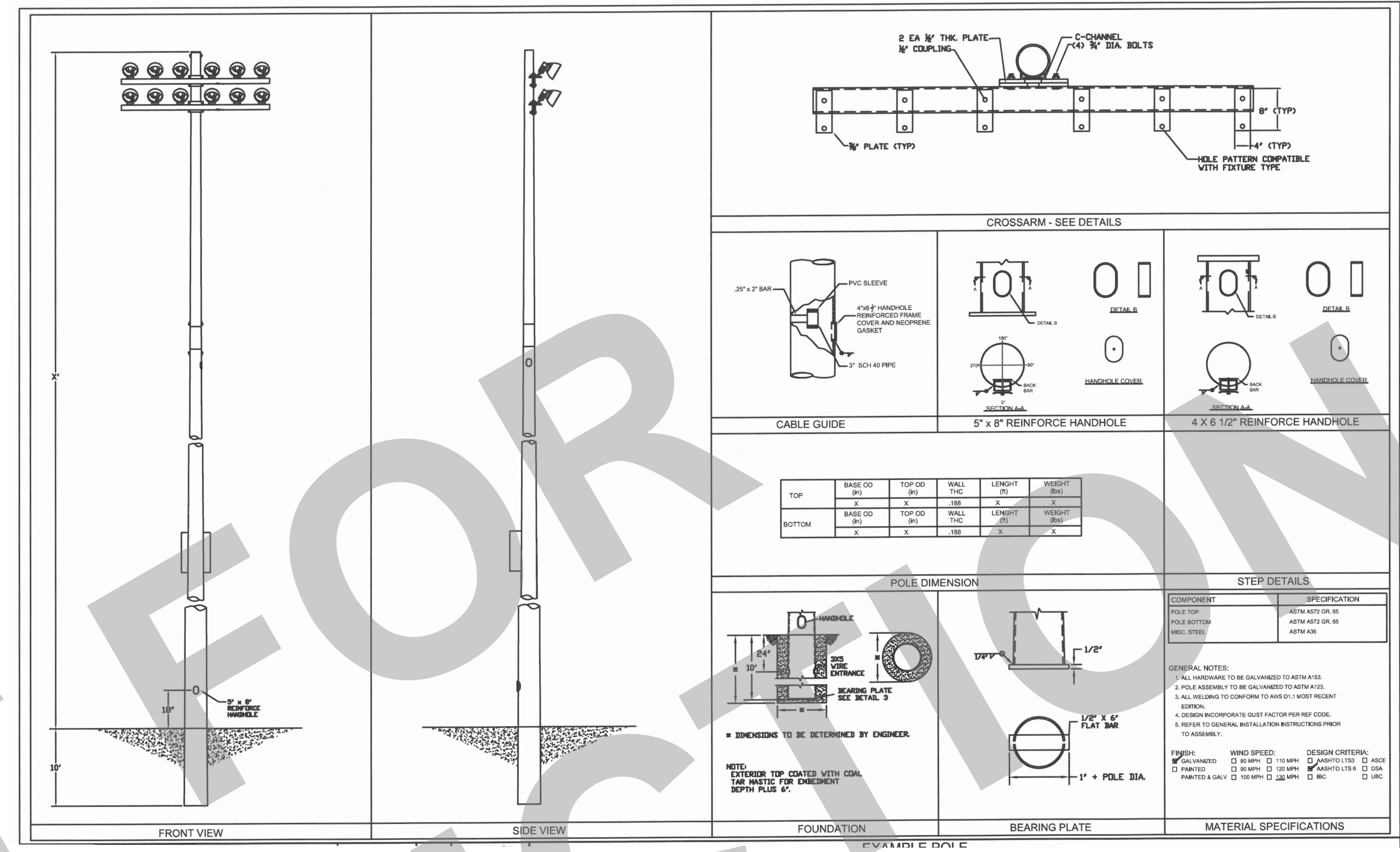


BASKETBALL COURT LIGHTING CONTROL DIAGRAM NTS 10

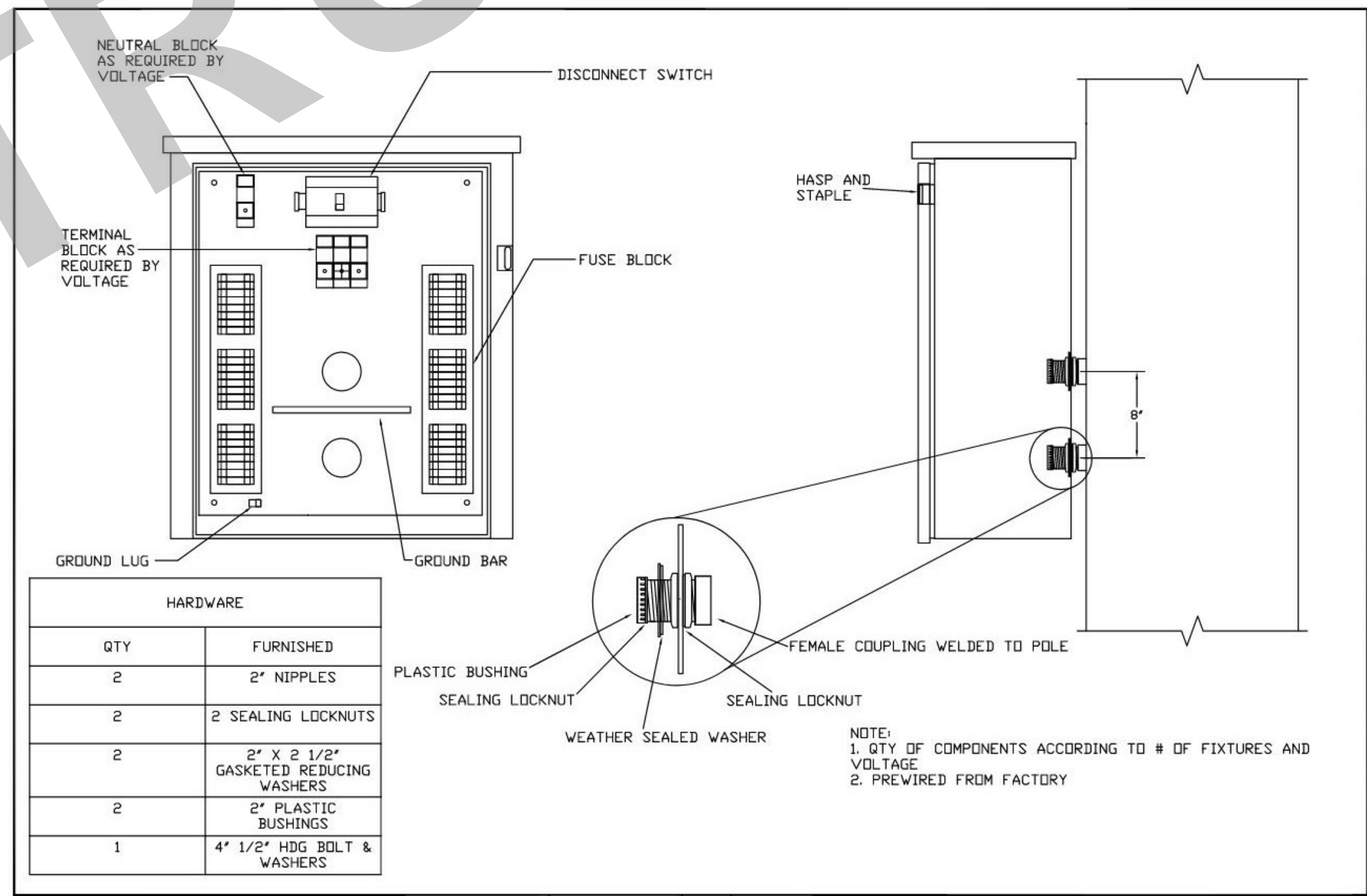
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BASKETBALL COURT LIGHT POLE MOUNTING DETAIL NTS 1



BASKETBALL COURT LIGHTING CONTROL PANEL MOUNTING DETAIL NTS 2

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NO.	REMARKS	DATE

DRAWING STATUS

PLAN CHECK

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CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
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STOCKTON, CA 95202

DESIGN DEVELOPMENT

AQUATIC FACILITIES
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REPLACEMENT -
VICTORY PARK POOL CITY
PROJECT NO. CR18020
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STOCKTON, CA 95203

ELECTRICAL DETAILS

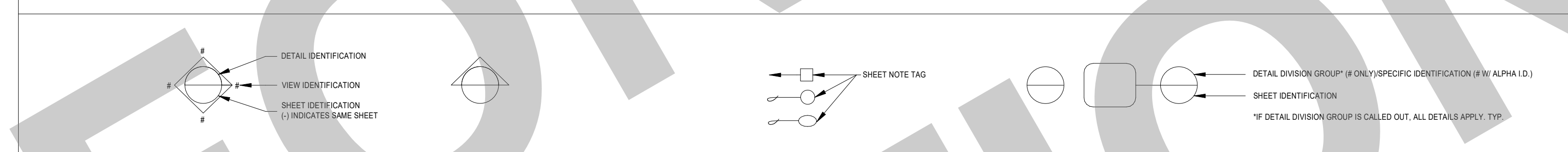
Date	MM/DD/YYYY	Project Number	22009
Application Number	XX-XXXXXX	Drawing Number	E7.2
Drawn	Checked	Author	Checker

NOT FOR CONSTRUCTION

TECHNOLOGY SYMBOL LEGEND:										
ALL NOTES ARE TYPICAL UNLESS NOTED OTHERWISE ON PLANS AND DETAILS										
MARK	SYMBOL	DESCRIPTION	BACK BOX	PLASTER RING	MOUNTING HEIGHT	CONDUIT	MANUFACTURER	PART NUMBER / MODEL	MAX. LOAD	INSTALLATION NOTES
1	# ▷	DATA / VOICE STATION (CAT6A)	5" SQ., 2-1/8" DEEP	2-DEVICE	+16" TO BOT.	1 EA. 1" C	LEVITON	CAT6A-11140627 JACK: 6110G-R*6	N/A	N/A
2	# ▷ BMS	BUILDING MANAGENET DATA STATION (CAT6A)	5" SQ., 2-1/8" DEEP	2-DEVICE	+16" TO BOT.	1 EA. 1" C	LEVITON	CAT6A-11140627 JACK: 6110G-R*6	N/A	N/A

NOTE: # DENOTES QUANTITY. NO QUANTITY EQUALS (1). ONE ACTIVE DATA/VOICE JACKS.

ACCESS CONTROL SYSTEM										
9		PULL BOX - NEMA 3	N/A	N/A	N/A	N/A	--	--	N/A	N/A
10		J-HOOK	N/A	N/A	N/A	N/A	--	--	N/A	N/A
11		SLEEVE / CONDUIT	N/A	N/A	N/A	N/A	--	--	N/A	N/A
12		3/4 THICK PLYWOOD	N/A	N/A	N/A	1 EA. 1/2" C TO DOOR FRAME	--	--	N/A	N/A
13		IDF CABINET	5" SQ., 2-1/8" DEEP	2-DEVICE	+45" TO BOT.	1 EA. 1/2" C	--	--	N/A	N/A
14		ACCESS PROXIMITY CARD READER MULLION MOUNT	5" SQ., 2-1/8" DEEP	2-DEVICE	+45" TO BOT.	1 EA. 1/2" C	--	--	N/A	N/A



- NOTES:
1. REFERENCE AUDIO VISUAL SPECIFICATIONS AND MANUFACTURER GUIDELINES WHEN DETERMINING BACK BOX SIZE FOR AUDIO/VISUAL EQUIPMENT. IF NOT SPECIFIED ABOVE.
 2. USE EXTENSION RINGS, DEPTH AS REQUIRED, ON ALL BACK BOX LOCATIONS.
 3. REFERENCE ANSI / EIA / TIA STANDARDS AS APPLICABLE.
 4. ROUTE CONDUIT IN WALL TO NEAREST TO ACCESSIBLE CEILING SPACE. CONTRACTOR SHALL NOTIFY ARCHITECT/DESIGNER IF CONDUITS ARE UNABLE TO BE INSTALLED IN WALL PRIOR TO SURFACE MOUNTED CONDUIT INSTALLATION.

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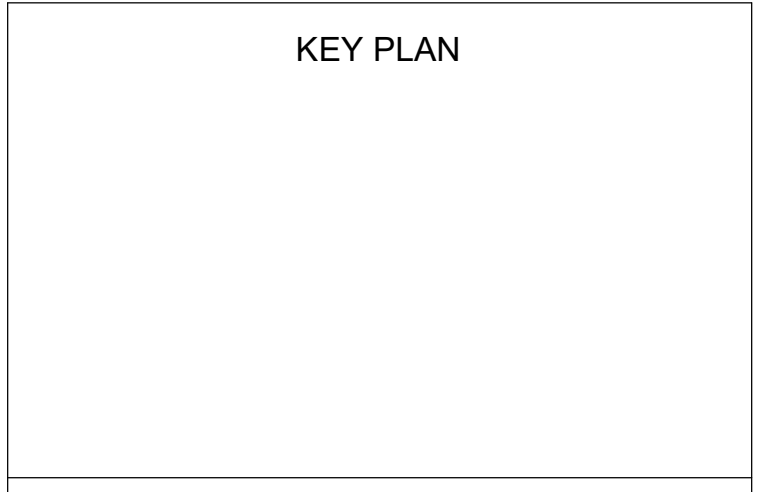
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NO.	REMARKS	DATE

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TECHNOLOGY SYMBOL
LEGEND

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number T0.2
Drawn JJZ	Checked LPCE

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REVISION HISTORY

NO.	REMARKS	DATE

- DRAWING STATUS
- DATE
- PLAN CHECK
 - BACK CHECK
 - BIDDING
 - CONSTRUCTION

KEY PLAN

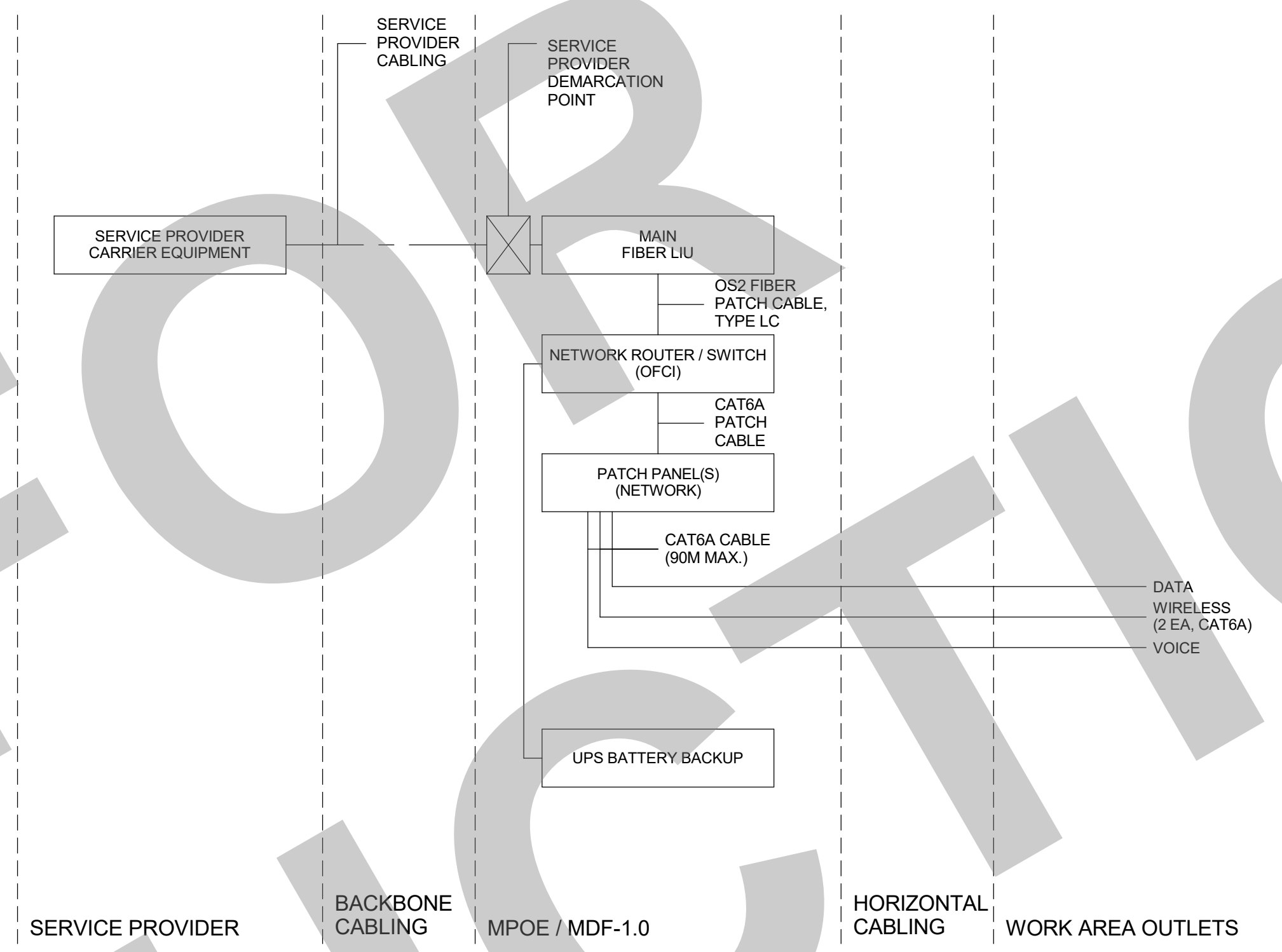
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TECHNOLOGY ONE LINE
 DIAGRAMS

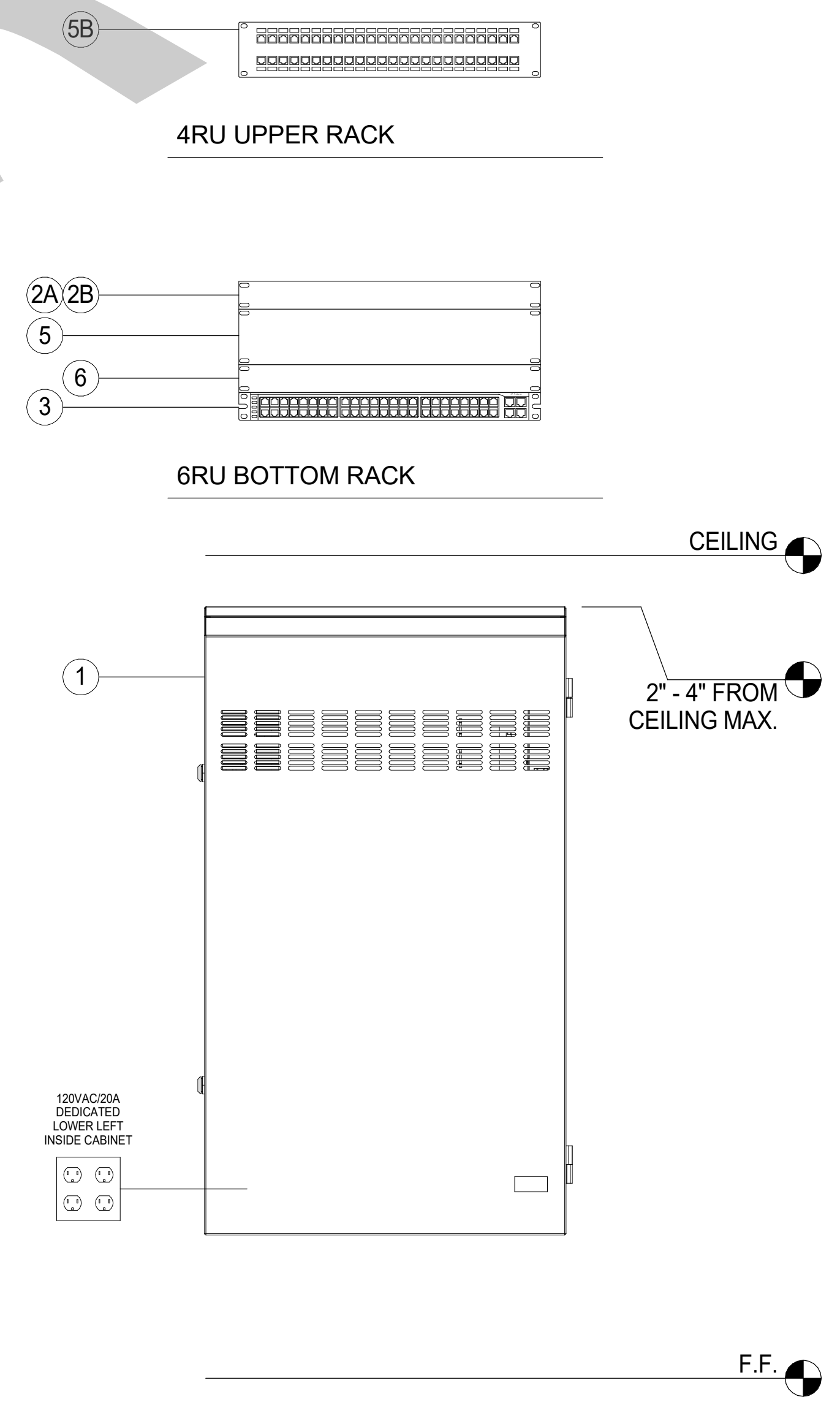
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 Project Number: 22009
 Application Number: XX-XXXXXX
 Drawing Number: T0.3
 Drawn: JZ
 Checked: LPCE



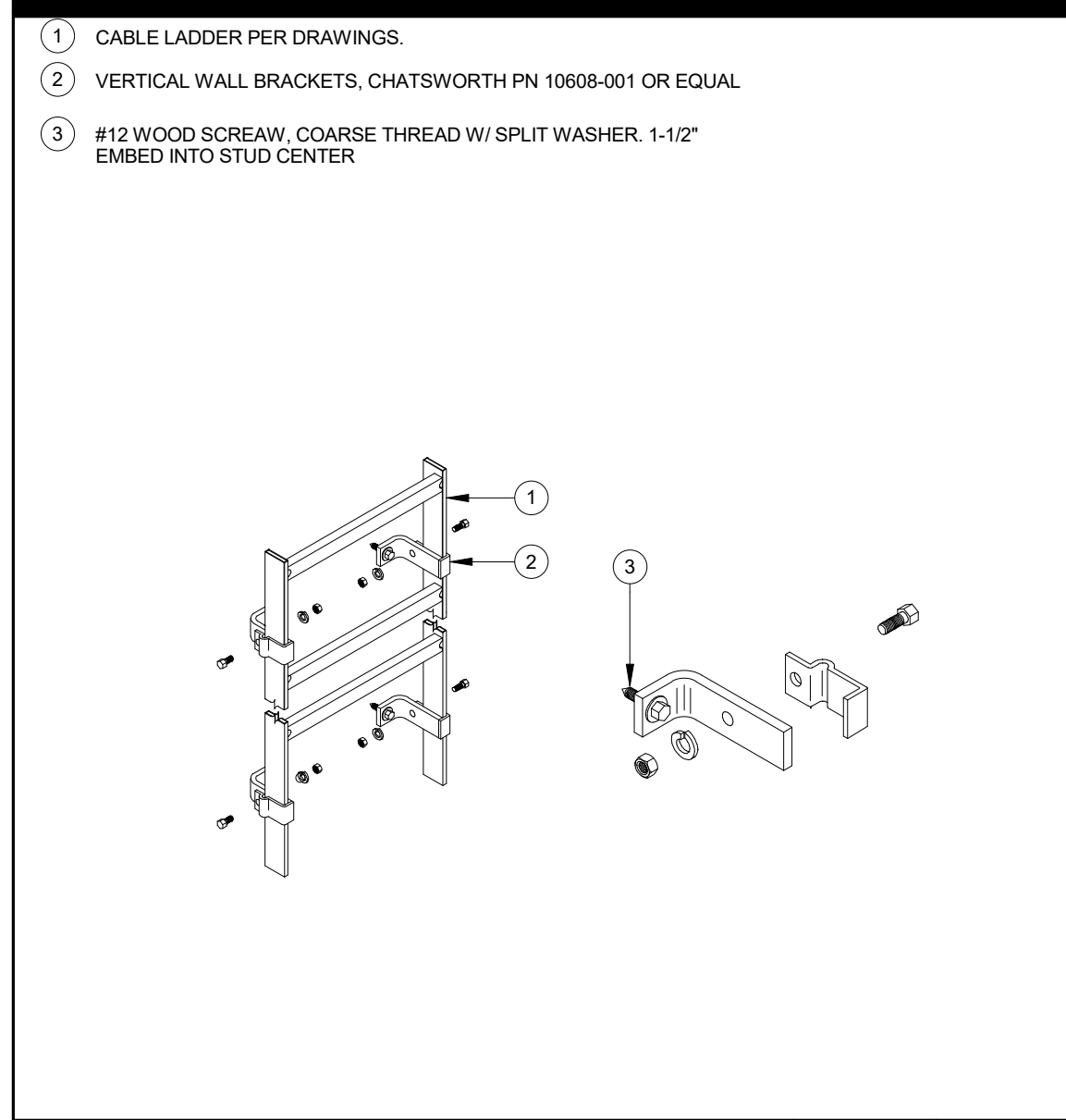
NETWORK ONE-LINE DIAGRAM SCALE: NONE 1

EQUIPMENT SCHEDULE

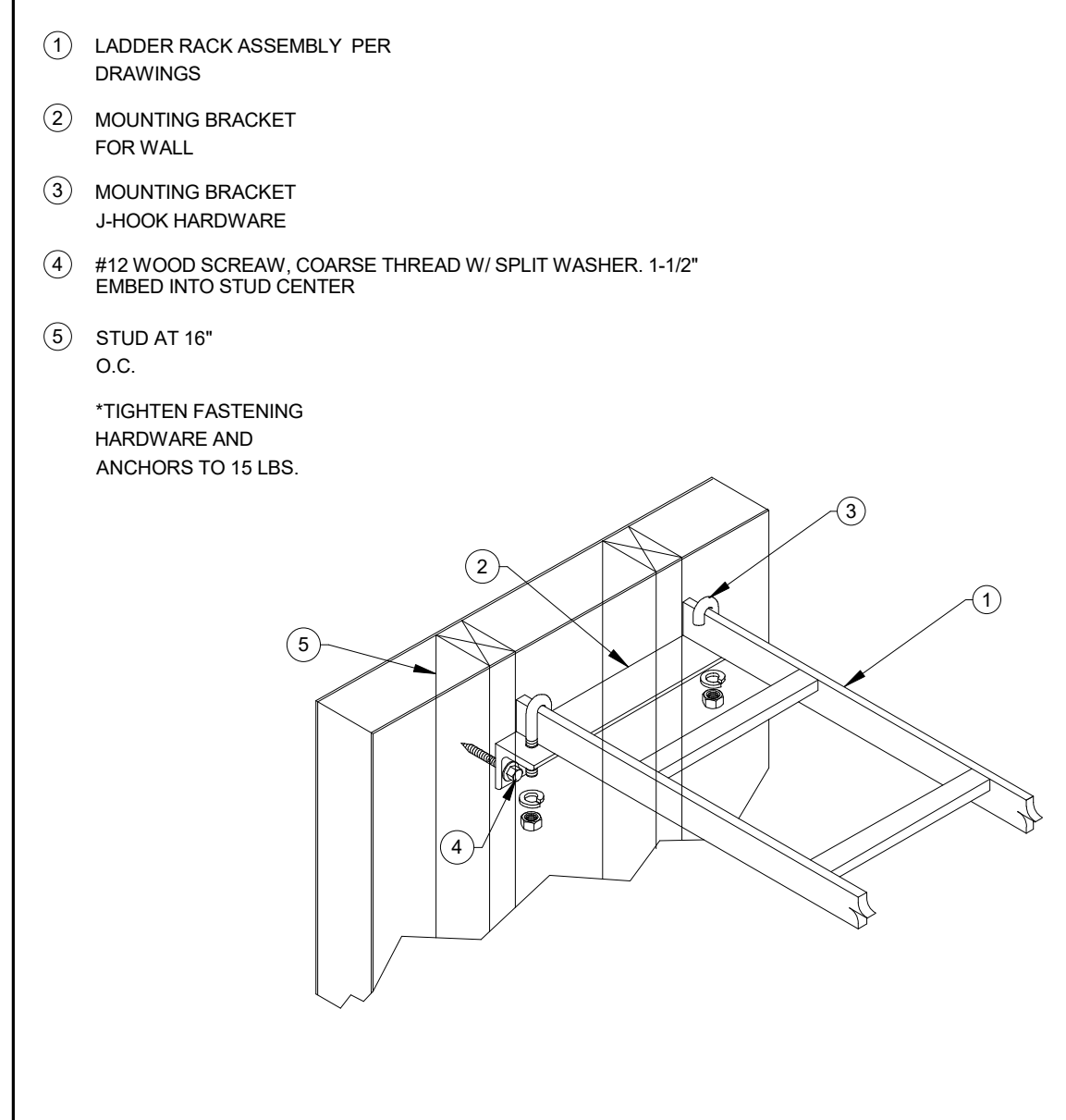
TAG ID	DESCRIPTION	MANUFACTURER	MODEL/PART NUMBER	MAX. LOAD
1	TECHNOLOGY WALL CABINET RACK, 4RU/8RU	HUBBELL	RE4X	100 LBS.
2A	FIBER LIU/BULKHEAD	LEVITON	SR1UH-503	N/A
2B	OS2 ADAPTER CASSETTE FOR ABOVE, TYPE LC	LEVITON	AS REQUIRED	N/A
2C	OM3 ADAPTER CASSETTE FOR ABOVE, TYPE LC	LEVITON	AS REQUIRED	N/A
3	DATA SWITCH - 1 RU, 48 PORT POE+ FIBER GBIC MODULE, LC (2 EA)	OWNER FURNISHED/ OWNER INSTALLED		N/A
4A	PATCH PANEL - 1 RU WITH REAR WIRE MANAGER (24-PORT)	LEVITON	49255-H24	N/A
4B	PATCH PANEL - 2 RU WITH REAR WIRE MANAGER (48-PORT)	LEVITON	49255-H48	N/A
5	UPS - 2 RU (120VAC/20A)	APC	SMX2200RPMH2U	N/A
	NETWORK MANAGEMENT CARD	APC	AP9641	N/A
6	1RU BLANK PANEL	MIDDLE ATLANTIC	EB1	N/A



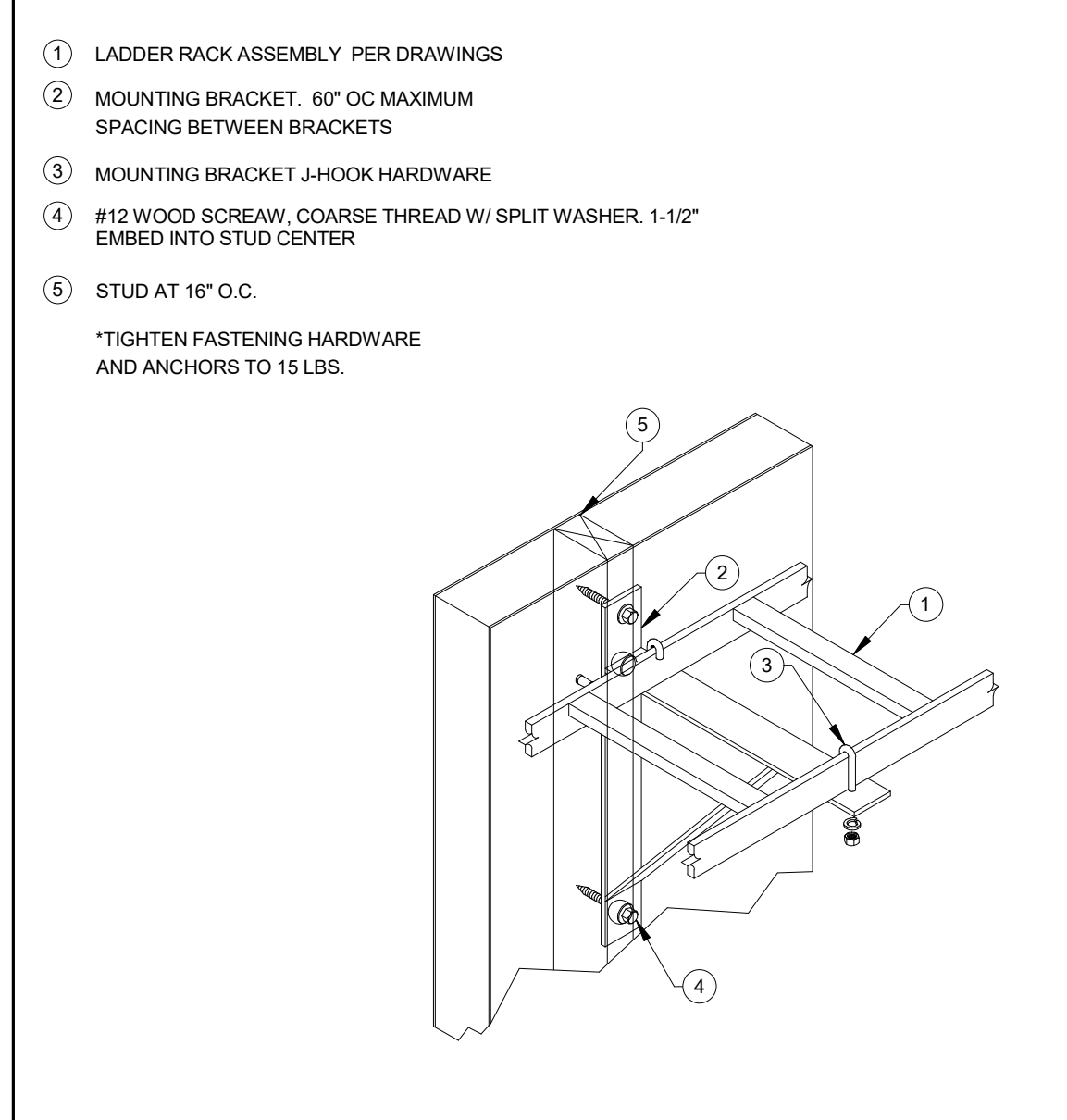
IDF RACK ELEVATION AND EQUIPMENT SCHEDULE SCALE: NONE 2



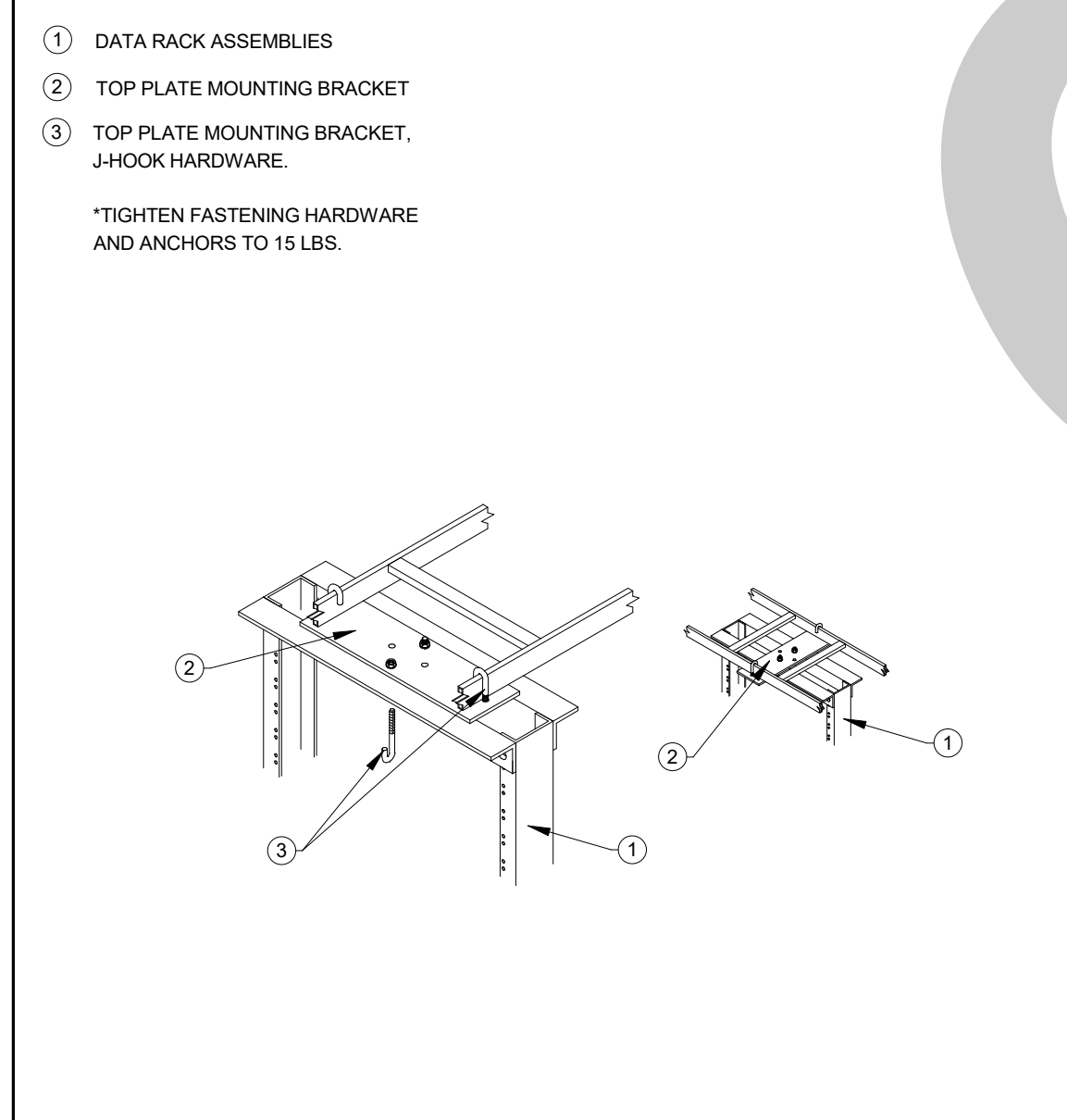
VERTICAL LADDER SUPPORT SCALE: 22
N/A



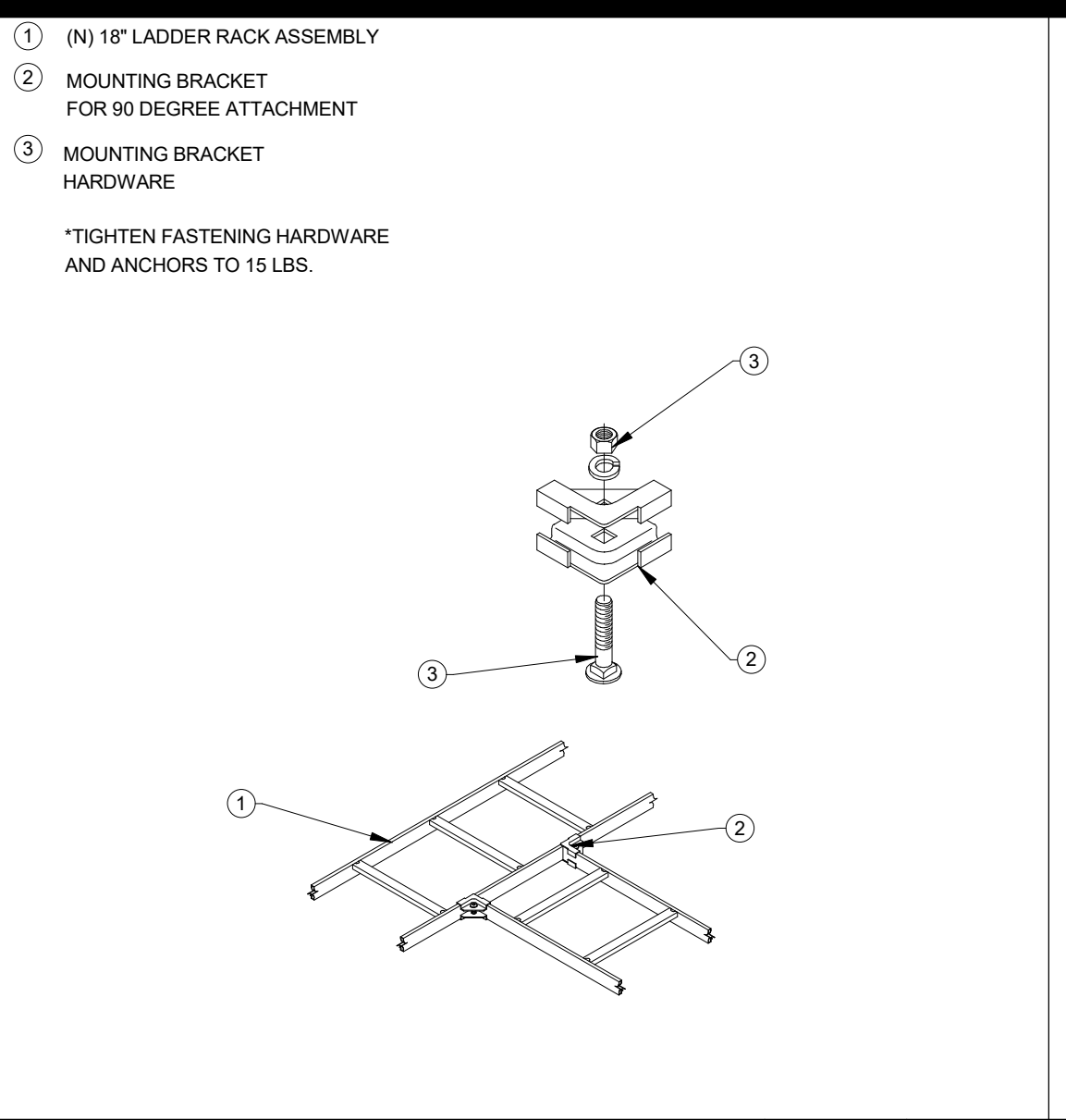
VERTICAL LADDER SUPPORT SCALE: 17
N/A



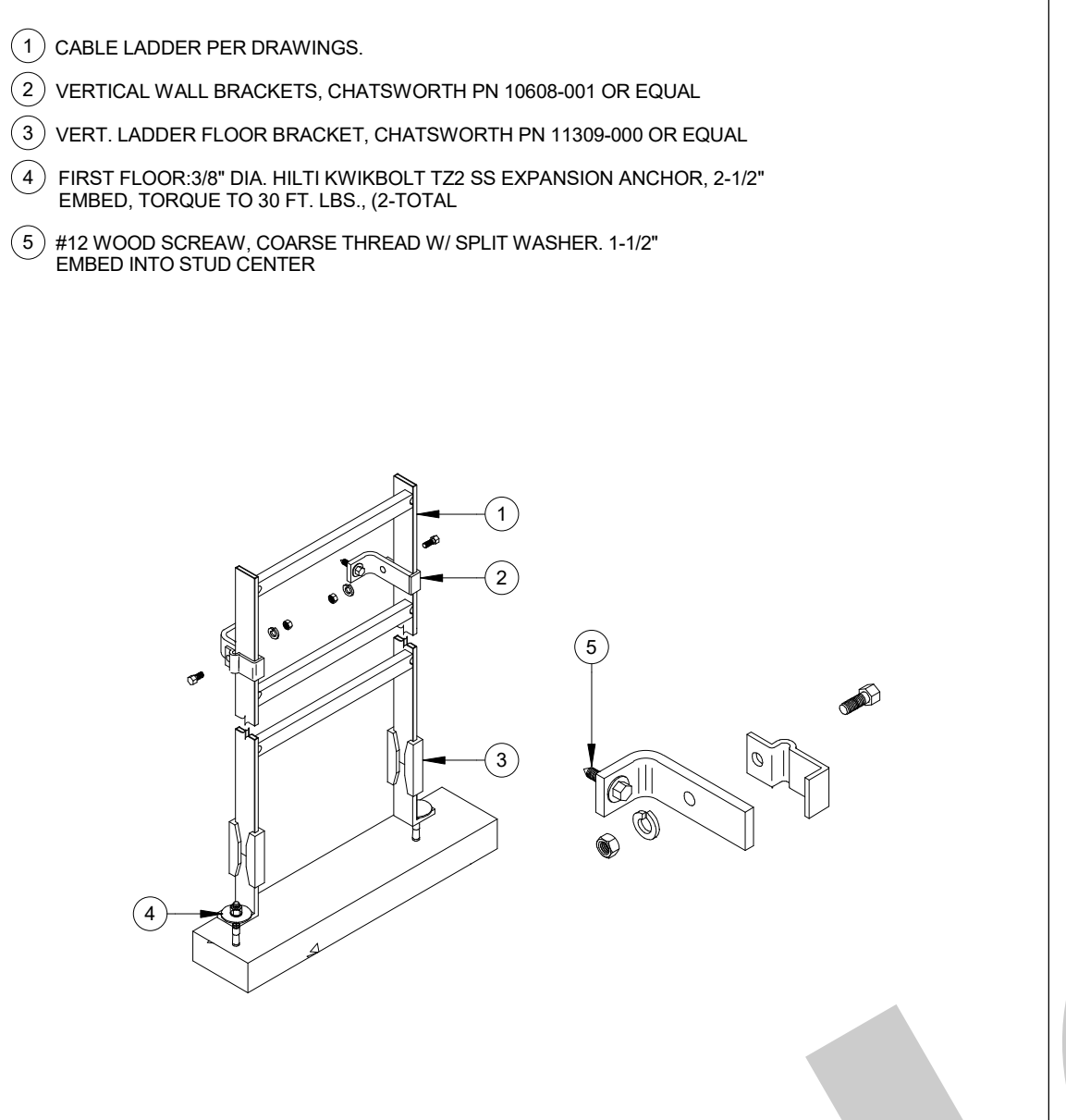
VERTICAL LADDER SUPPORT SCALE: 17
N/A



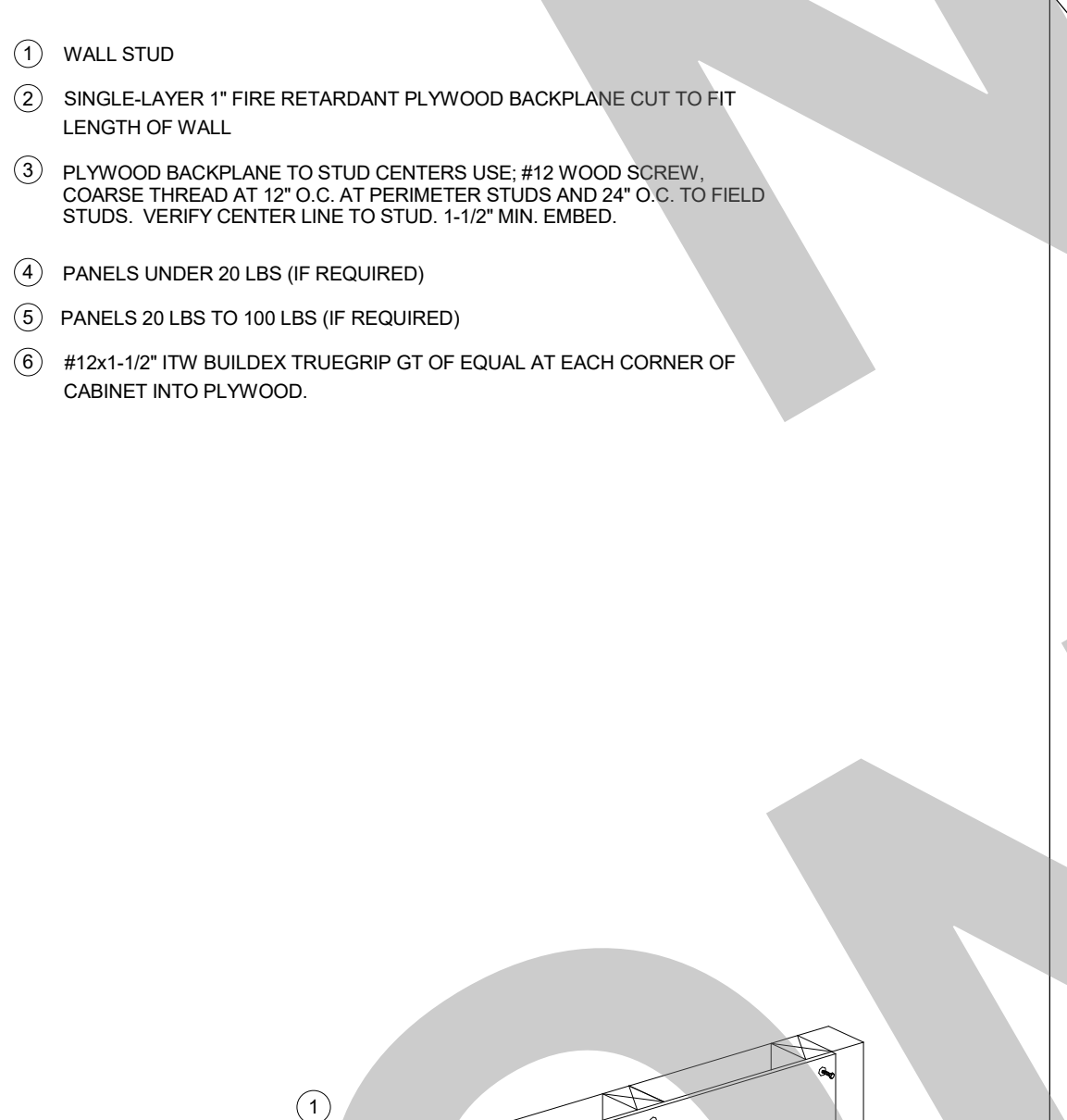
VERTICAL LADDER SUPPORT SCALE: 17
N/A



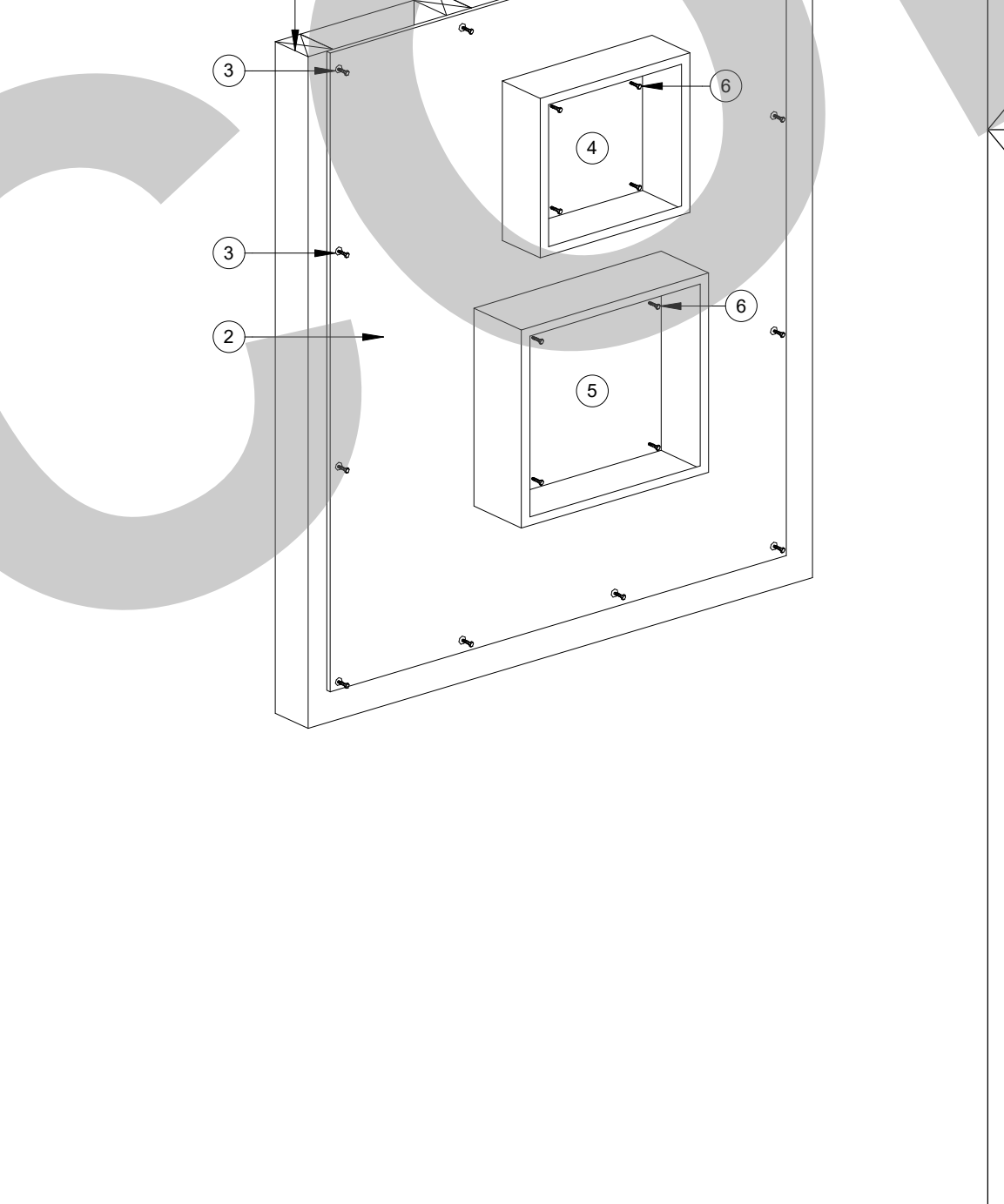
LADDER RACK BONDING SCALE: 15
N/A



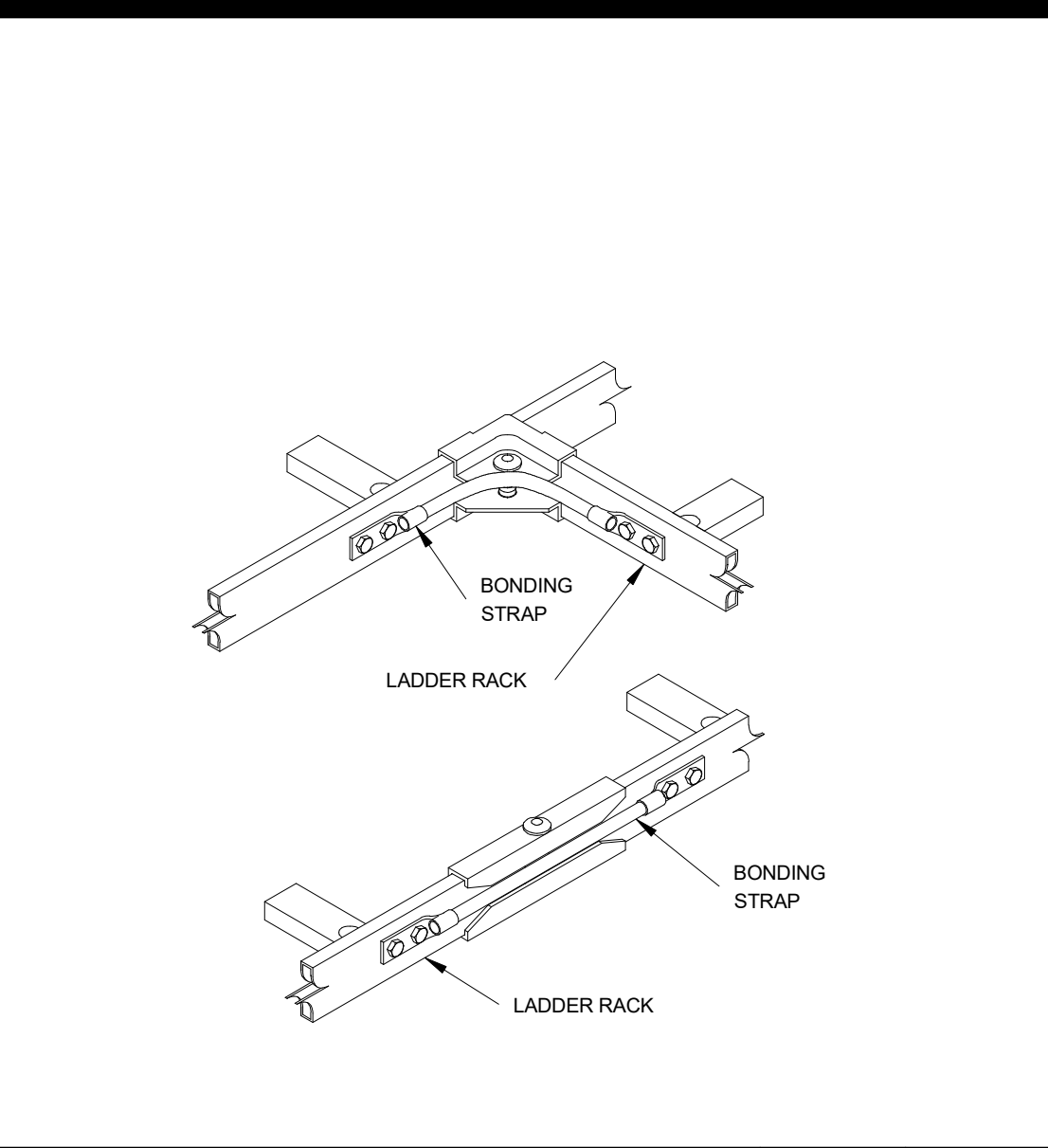
RECESSED PULL BOX SCALE: 11
N/A



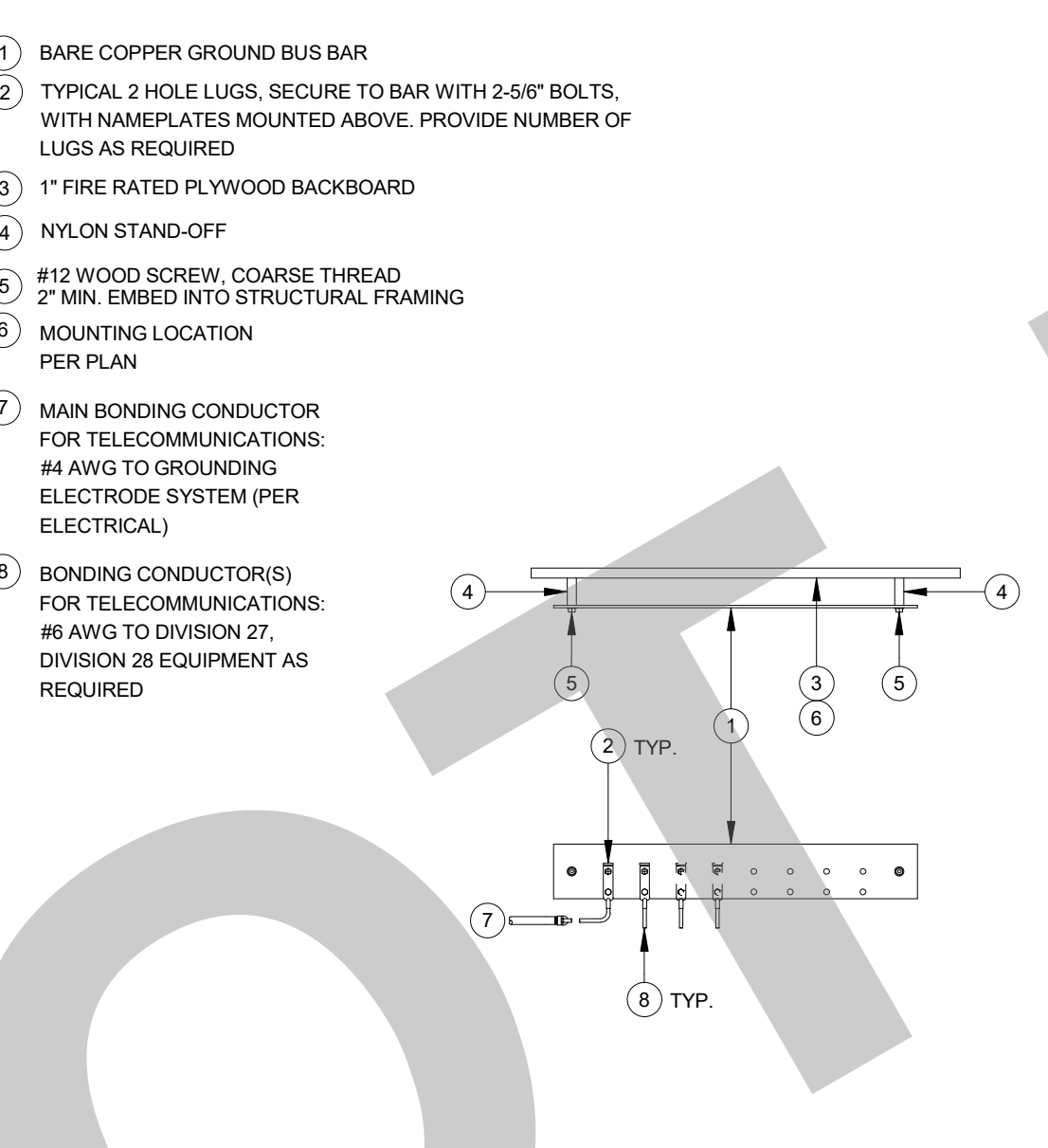
TECHNOLOGY GROUND BUS BAR SCALE: 14
N/A



RUNWAY SUPPORT KIT FOR RACK SCALE: 19
N/A



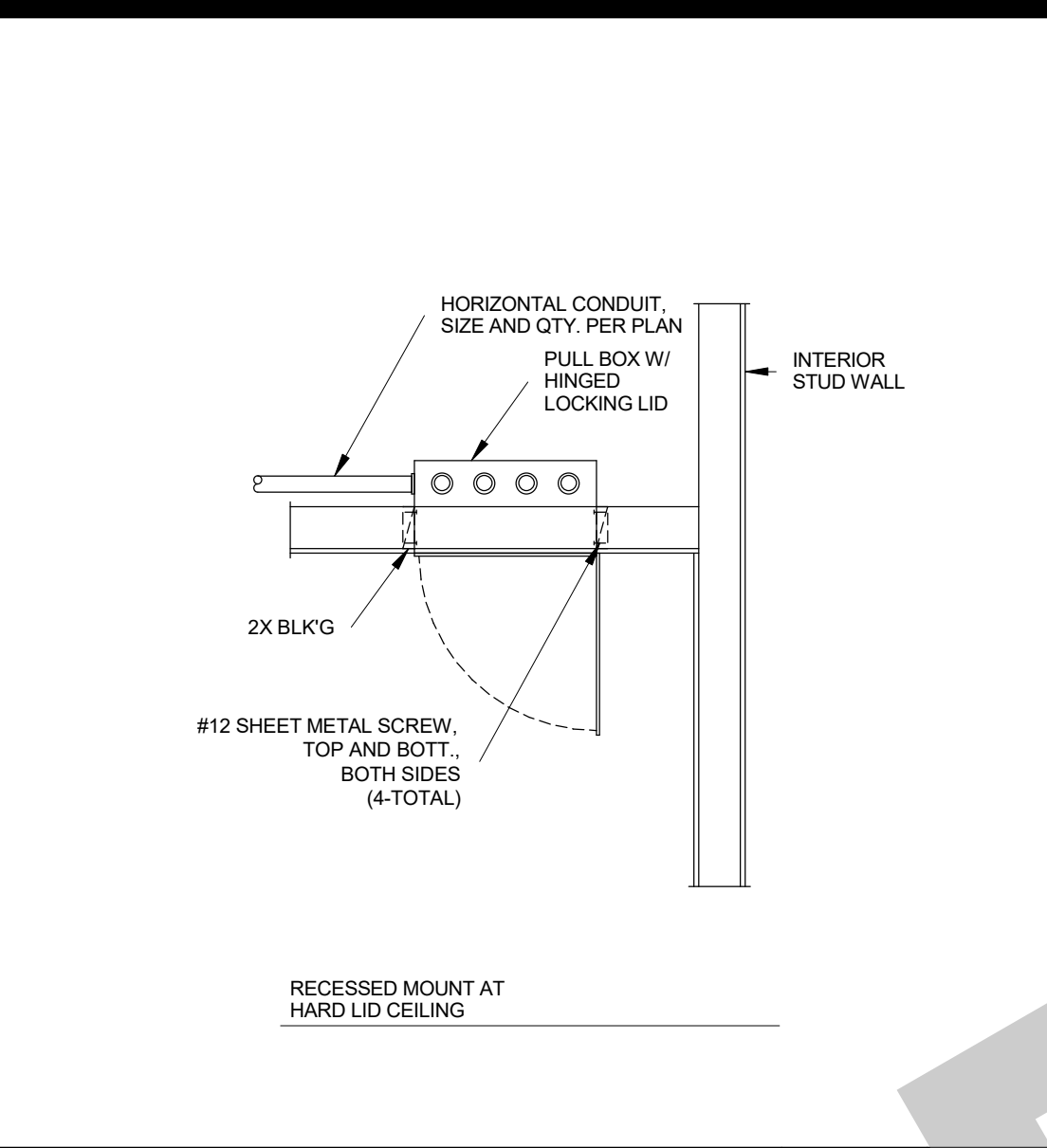
TECHNOLOGY GROUND BUS BAR SCALE: 14
N/A



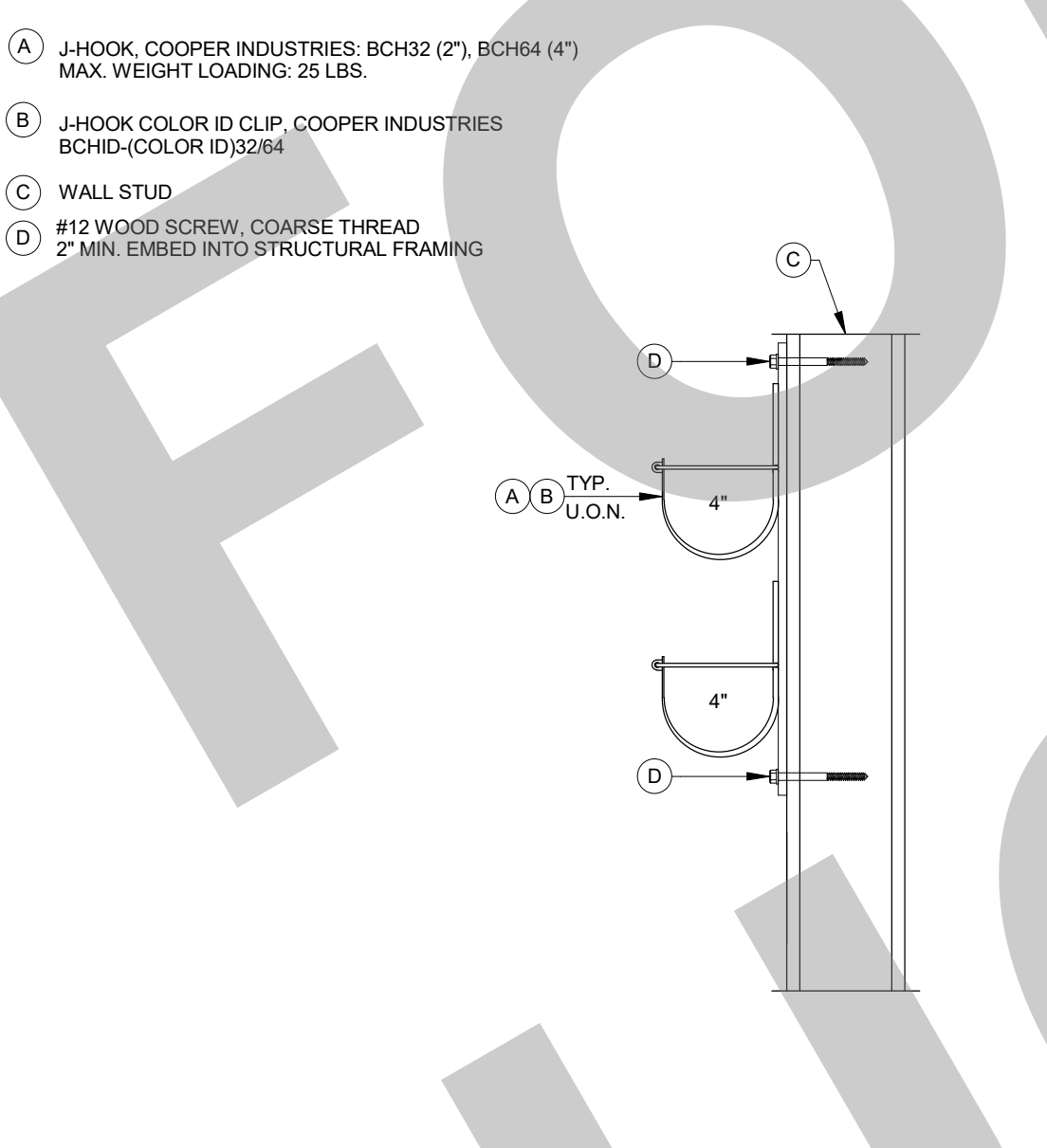
J-HOOK WALL MOUNTED SCALE: 10
N/A



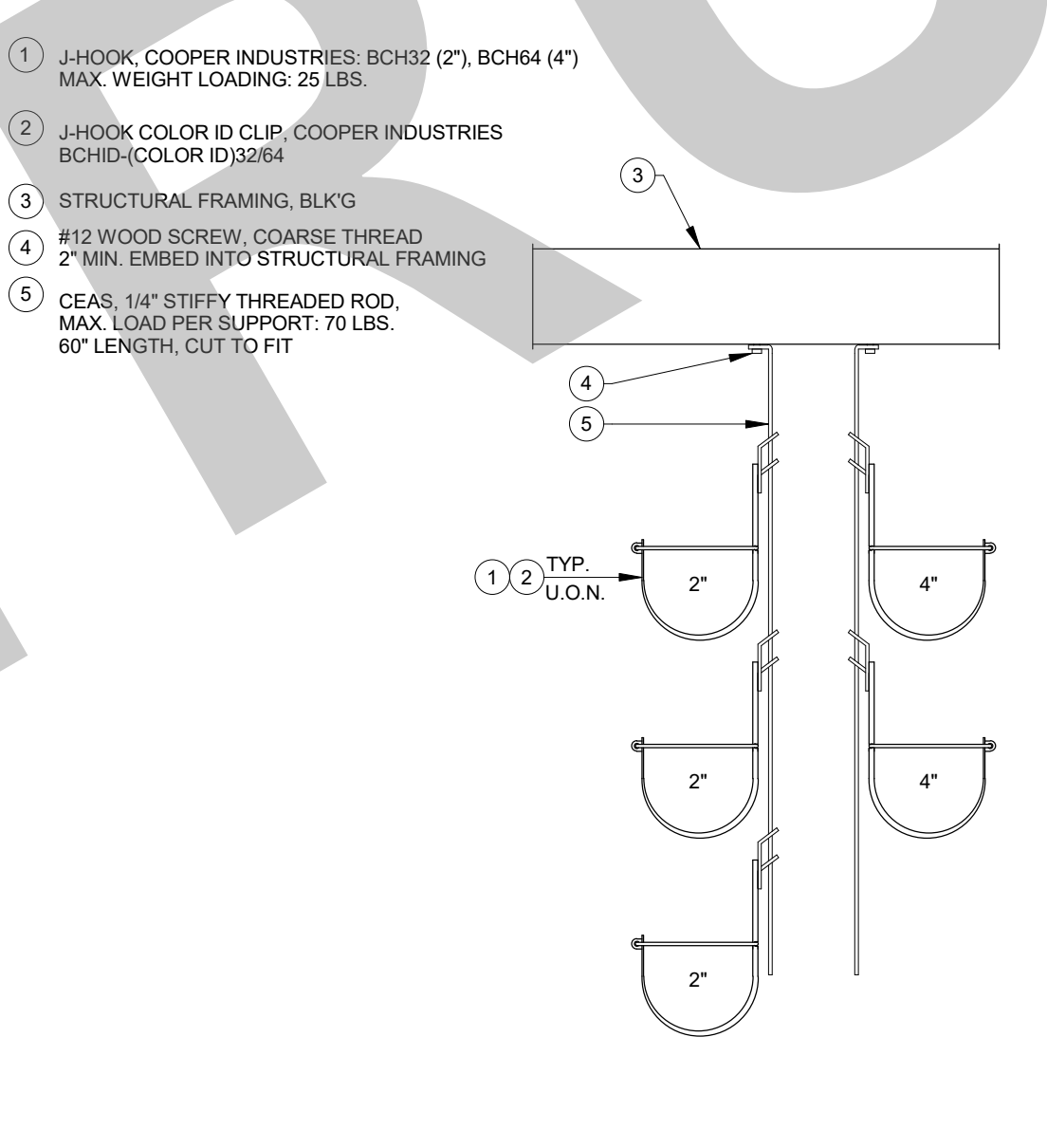
J-HOOK CEILING MOUNTED SCALE: 9
N/A



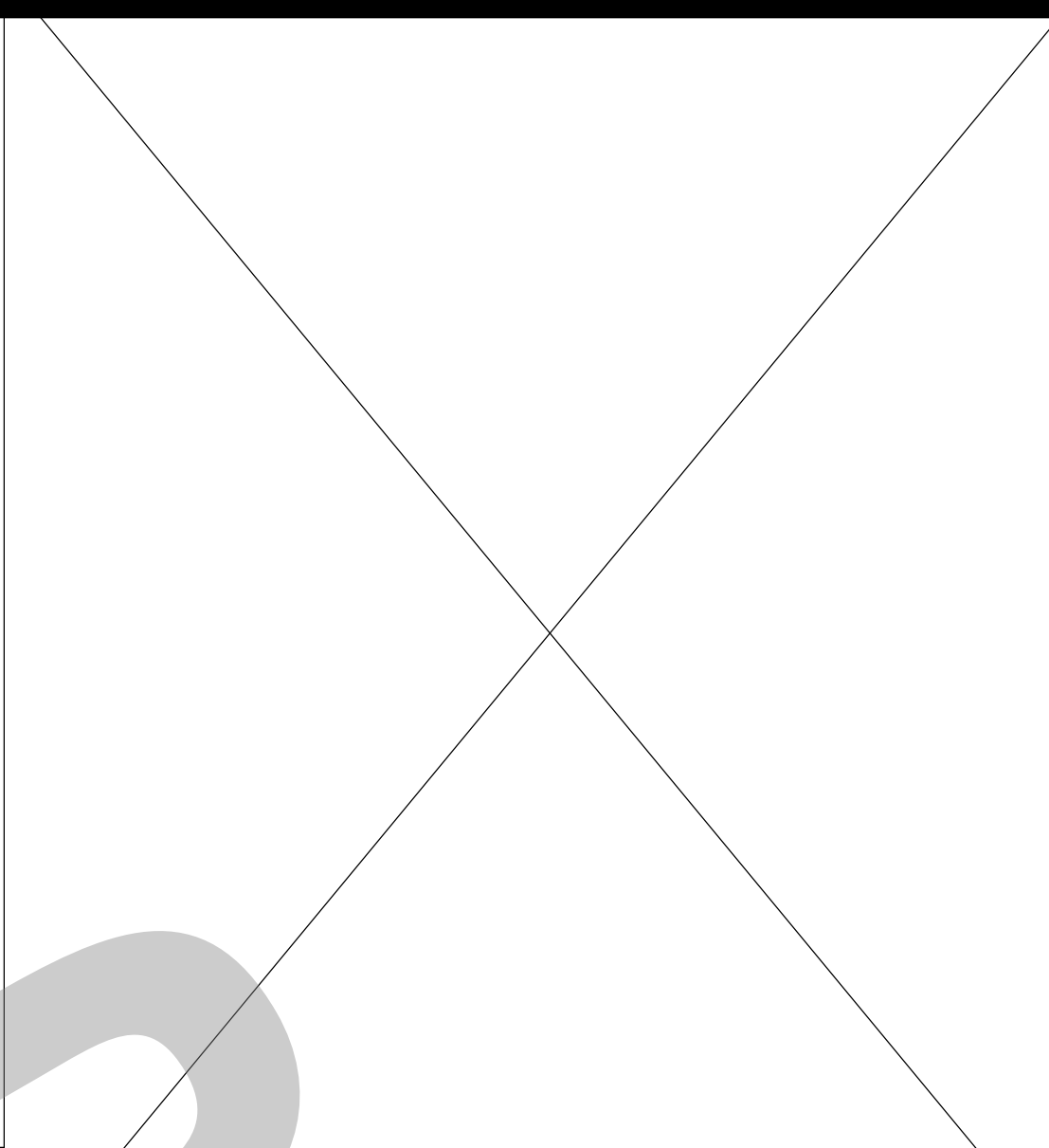
CONDUIT SLEEVE PENETRATION SCALE: 5
N/A



CONDUIT SUPPORT, HORIZONTAL SCALE: 3
N/A



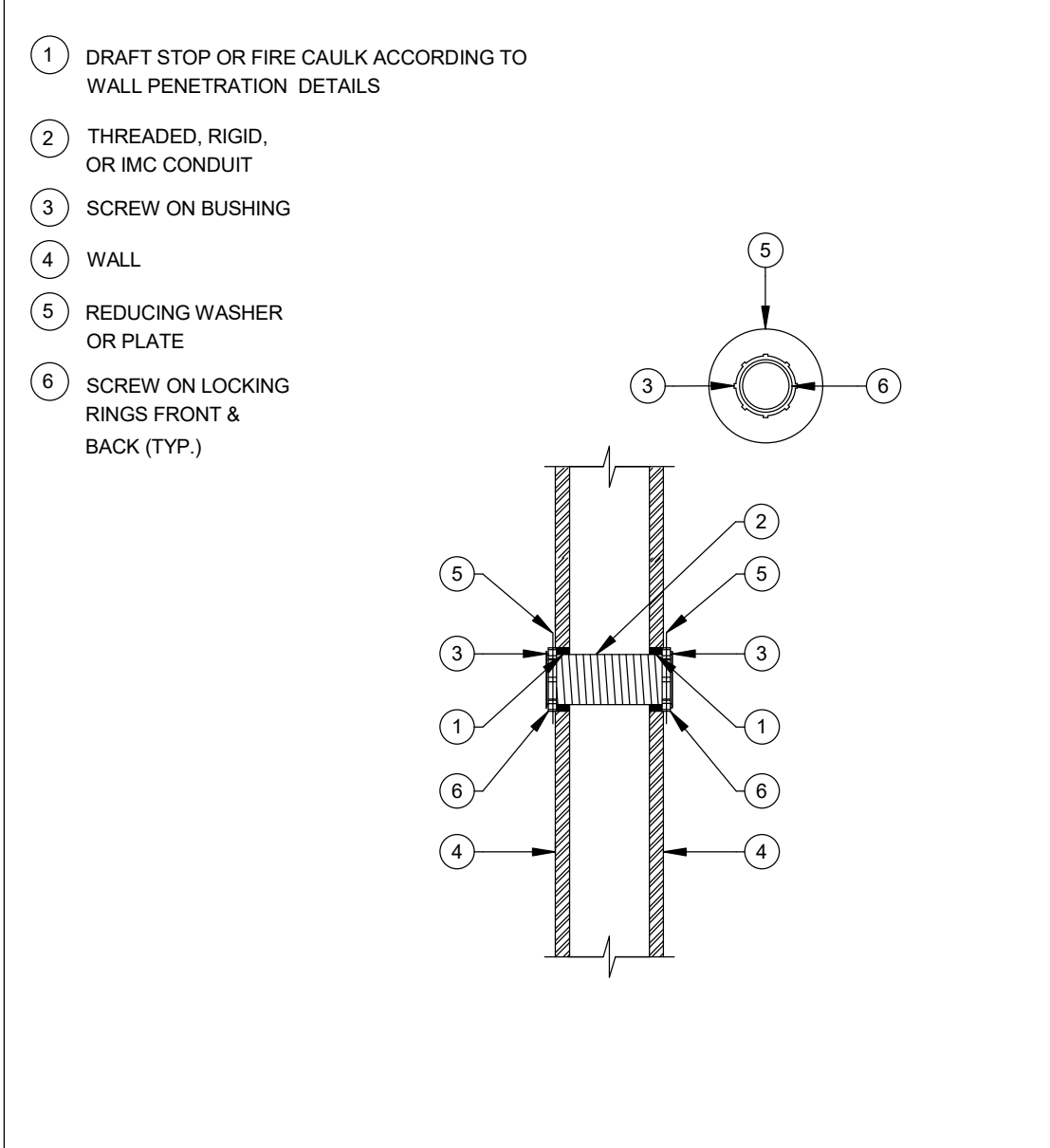
CONDUIT SUPPORT, VERTICAL SCALE: 2
N/A



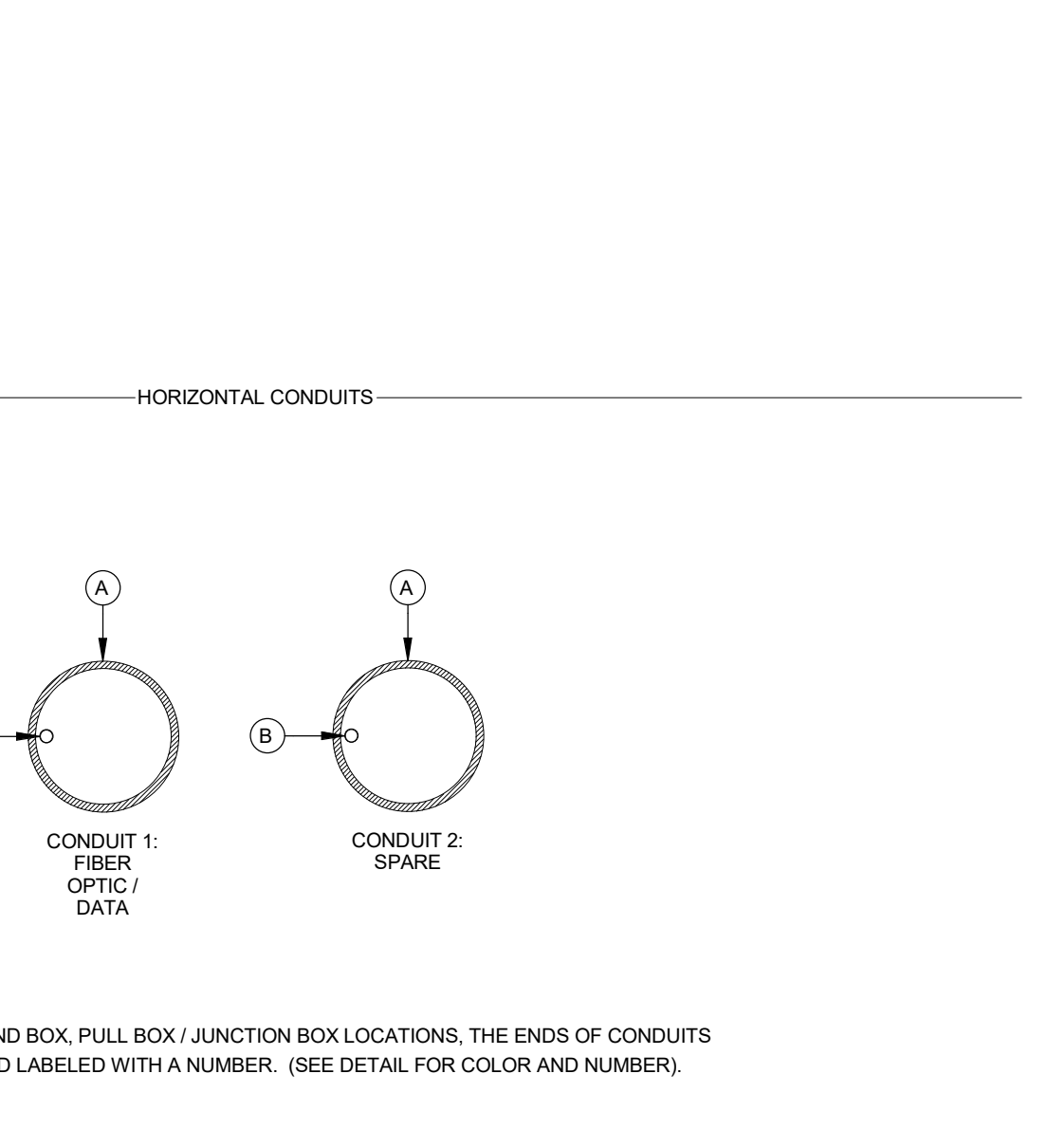
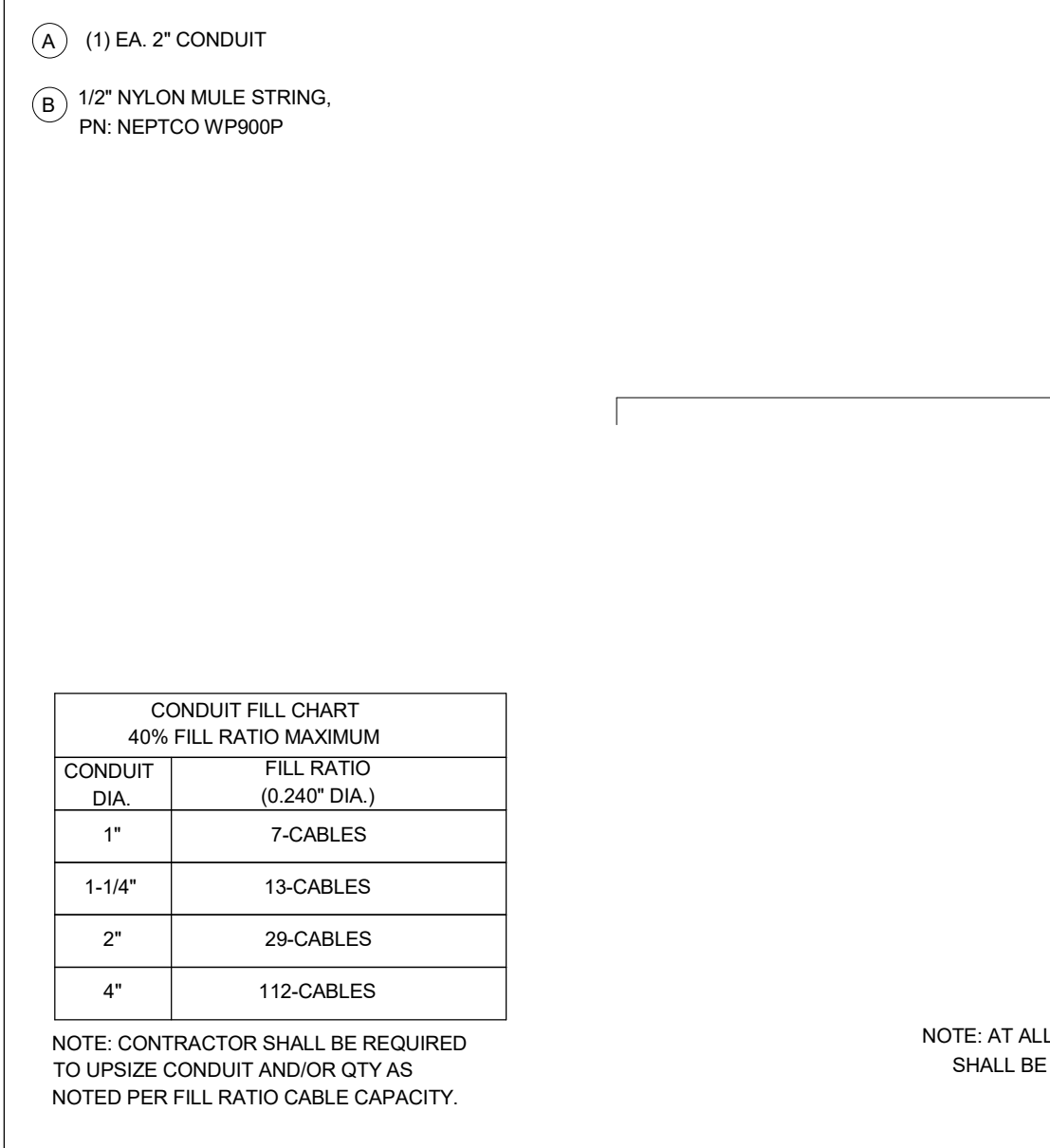
CONDUIT STRAP SPACING SCALE: 4
N/A



CONDUIT SUPPORT, HORIZONTAL SCALE: 3
N/A



CONDUIT SUPPORT, VERTICAL SCALE: 2
N/A



TECHNOLOGY CONDUIT LAYOUT, EXTERIOR / INTERIOR BACKBONE PATHWAY SCALE: 1
N/A

TECHNOLOGY CONDUIT LAYOUT, EXTERIOR / INTERIOR BACKBONE PATHWAY SCALE: 1
N/A

CONDUIT FILL CHART 40% FILL RATIO MAXIMUM	
CONDUIT DIA.	FILL RATIO (0.240" DIA.)
1"	7-CABLES
1-1/4"	13-CABLES
2"	29-CABLES
4"	112-CABLES

NOTE: CONTRACTOR SHALL BE REQUIRED TO UPSIZE CONDUIT AND/OR QTY AS NOTED PER FILL RATIO CABLE CAPACITY.

NOTE: AT ALL GROUND BOX, PULL BOX, JUNCTION BOX LOCATIONS, THE ENDS OF CONDUITS SHALL BE PAINTED LABELED WITH A NUMBER. (SEE DETAIL FOR COLOR AND NUMBER).

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TECHNOLOGY DETAILS

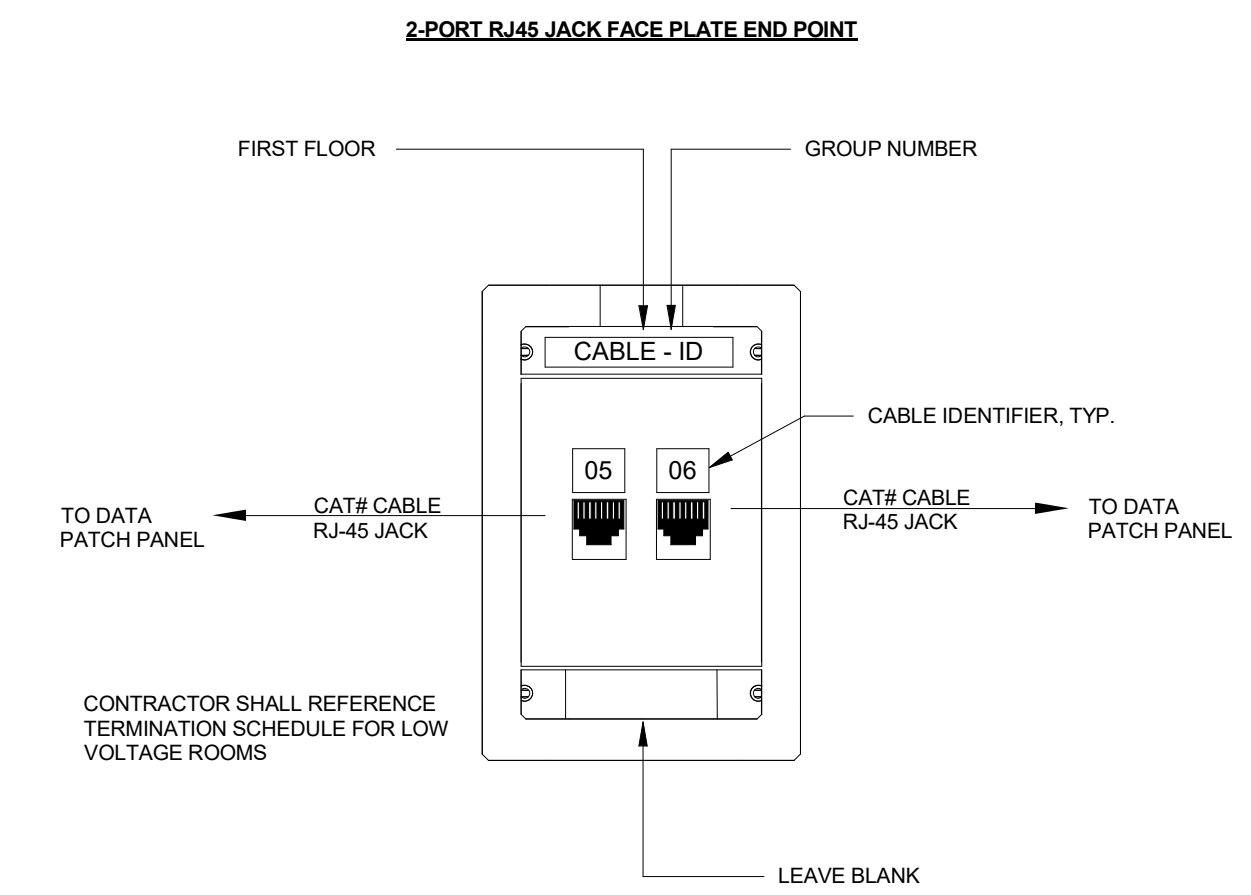
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Drawing Number XX-XXXXXX

Project Number 22009
Drawing Number
Drawn JZJ
Checked LPCE

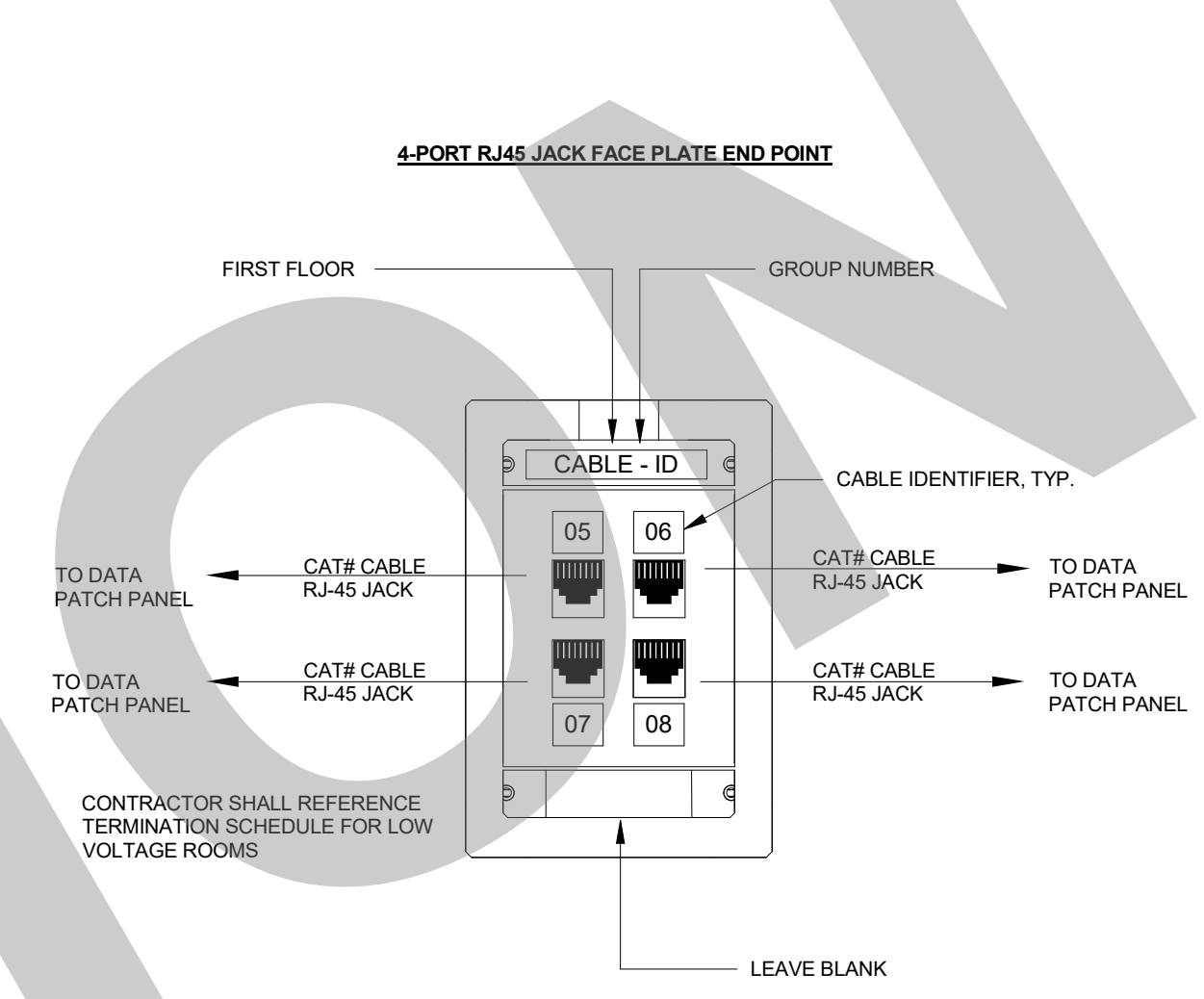
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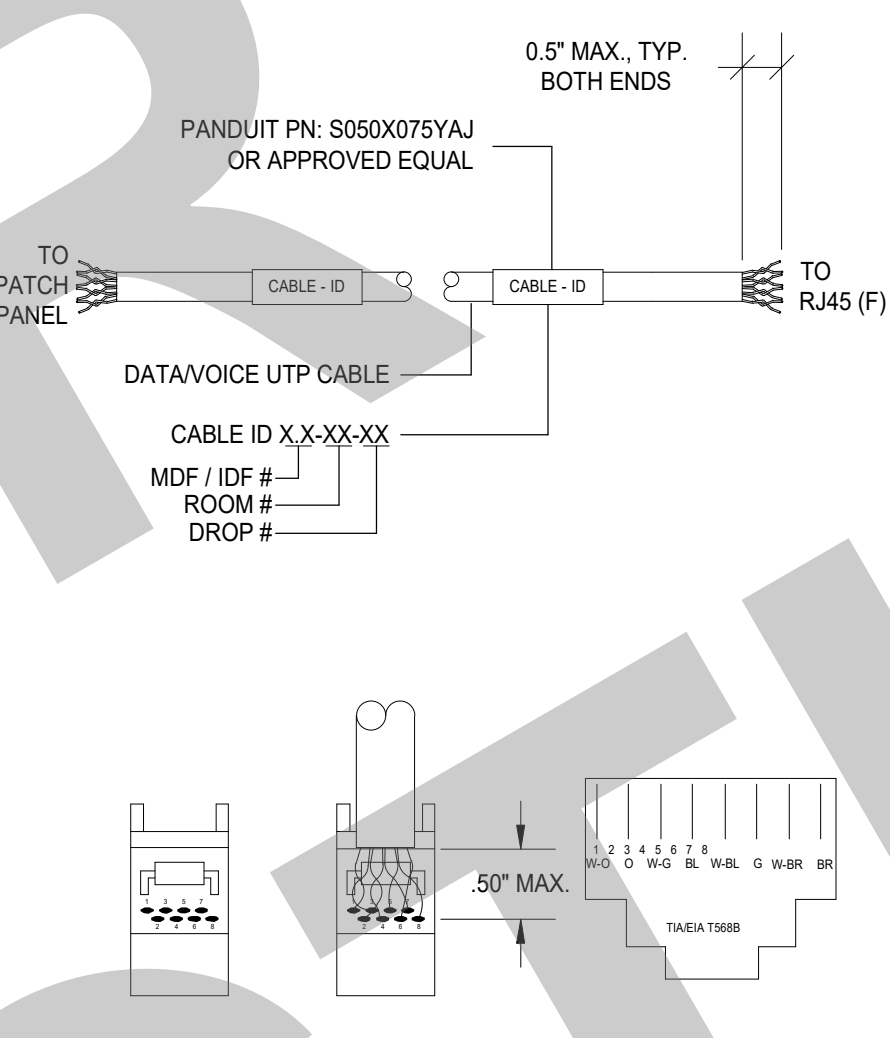
NOT FOR CONSTRUCTION



2-PORT RJ45 JACK FACE PLATE END POINT



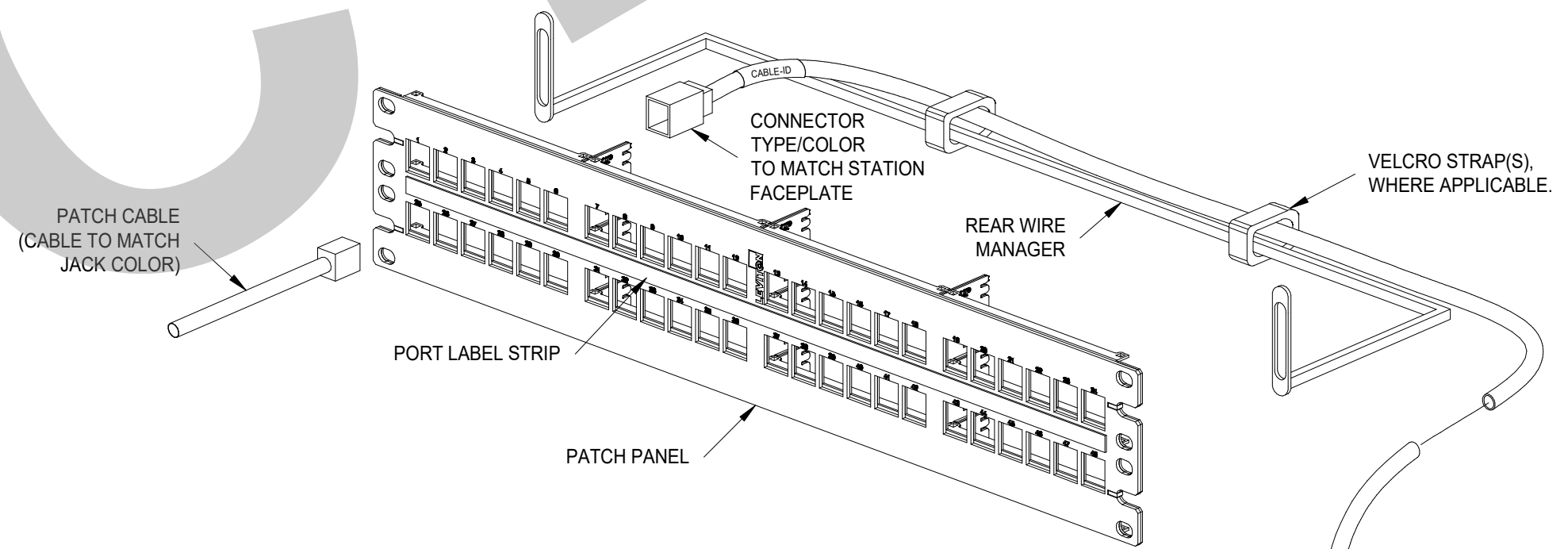
4-PORT RJ45 JACK FACE PLATE END POINT



DATAVOICE CABLE LABELING - AT JACK AND PATCH PANEL

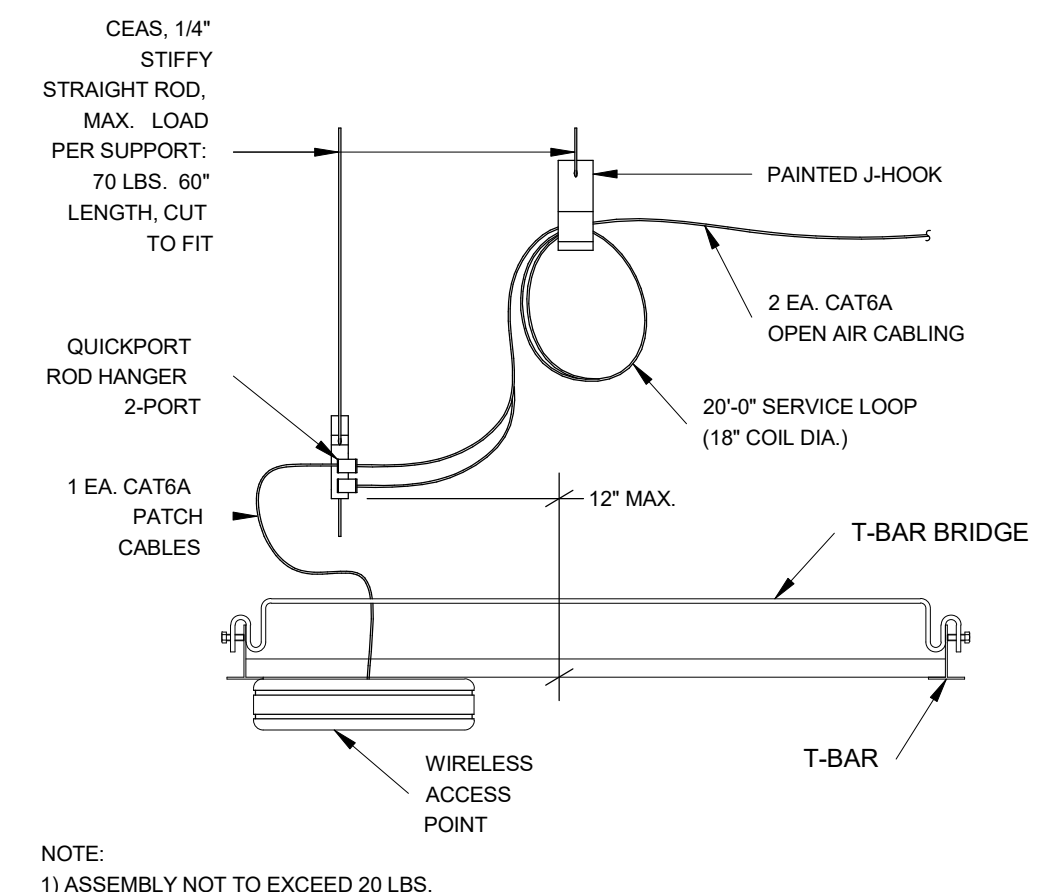
DATA 2-PORT WORKSTATION FACE PLATE & JACK LAYOUT

DATA 4-PORT WORKSTATION FACE PLATE & JACK LAYOUT



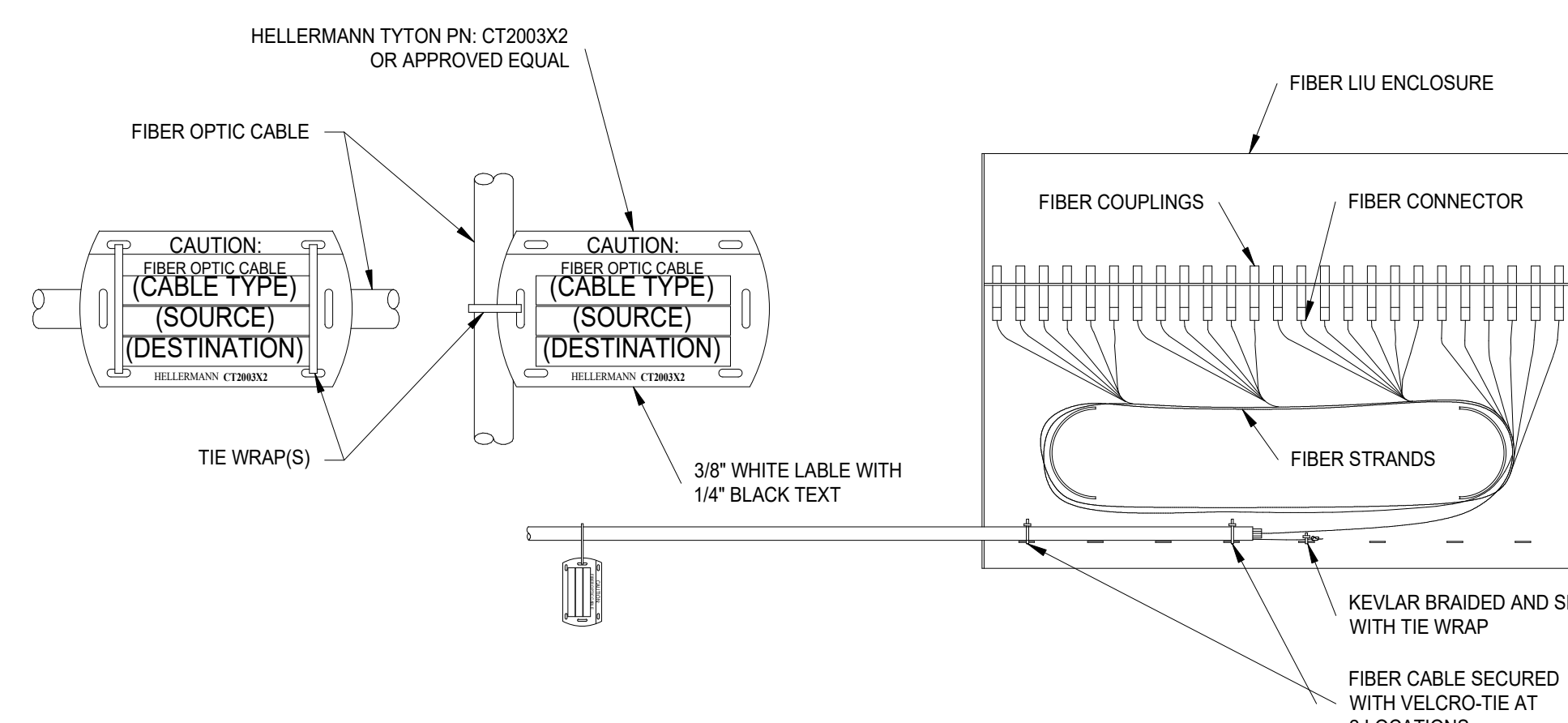
PATCH PANEL CONNECTION, 8P8C (RJ45) TERMINATION AND LABELING

SCALE:	2
N/A	



WIRELESS ACCESS POINT, SUSPENDED CEILING

SCALE:	3
N/A	



FIBER LIU W/ FIBER OPTIC CABLE LABELING (ABV./BELOW GROUND)

SCALE:	1
N/A	

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NO.	REMARKS	DATE

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

KEY PLAN

CITY OF STOCKTON
 425 N EL DORADO STREET
 STOCKTON, CA 95202

DESIGN DEVELOPMENT

AQUATIC FACILITIES RENOVATION & REPLACEMENT - VICTORY PARK POOL CITY
 PROJECT NO. CR18020
 1201 N PERSHING AVE
 STOCKTON, CA 95203

TECHNOLOGY DETAILS

Date	MM/DD/YYYY	Project Number	22009
Application Number	XX-XXXXXX	Drawing Number	T0.5
Drawn	JJZ	Checked	LPCE

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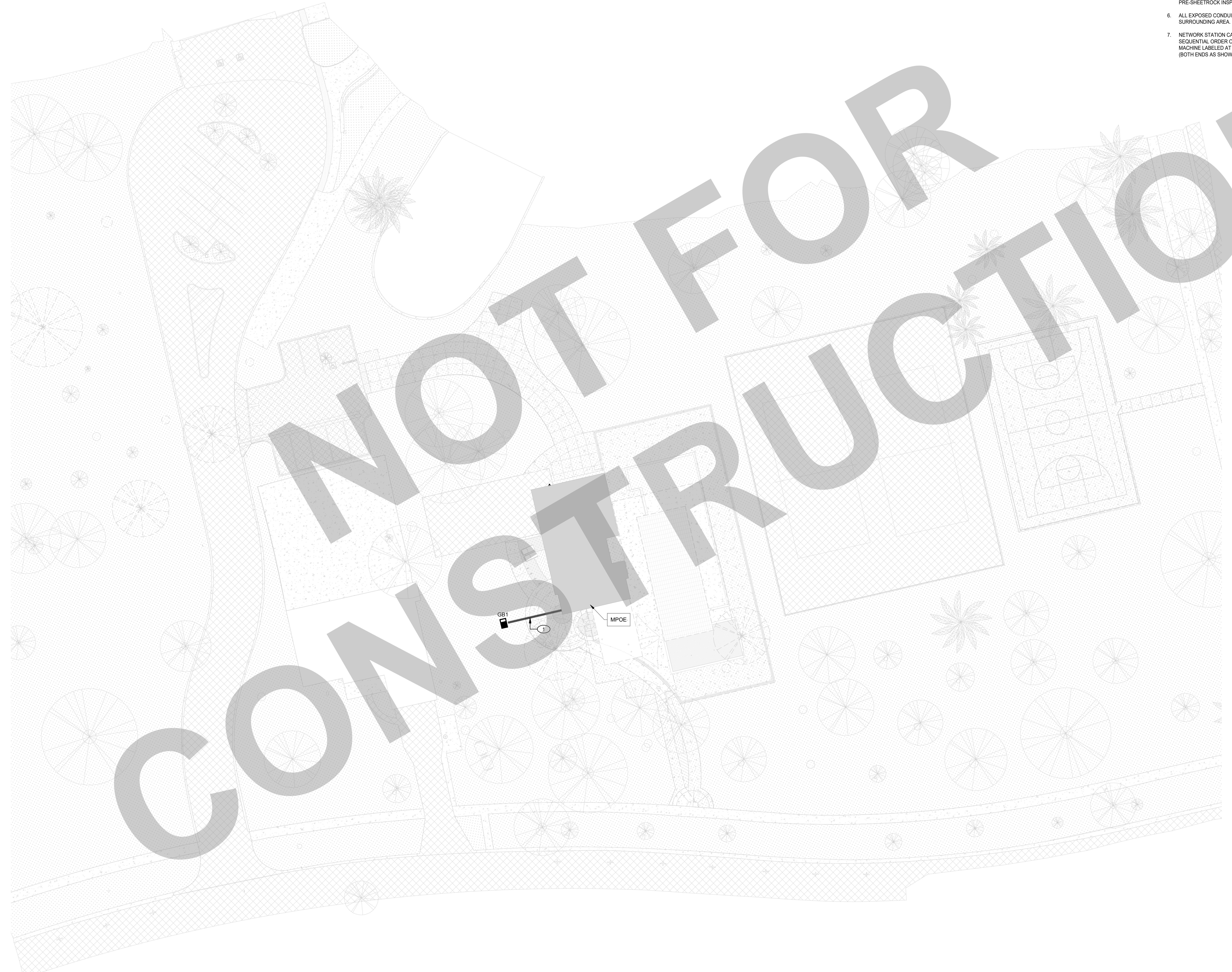
MEP & FS / Sustainability / CxA
1209 Pleasant Grove Blvd.
Roseville, CA 95678
p 916-771-0778
www.lpeengineers.com
Job #: 22-2007

KEY NOTES

- NEW 2 EA. 4" UNDERGROUND CONDUITS TECHNOLOGY

TECHNOLOGY GENERAL SHEET NOTES

- REFER TO ARCHITECTURAL DRAWINGS FOR ALL BUILDING PLANS AND DIMENSIONS.
- REFER TO ELECTRICAL DRAWINGS FOR ALL TECHNOLOGY POWER CIRCUIT REQUIREMENTS.
- CONTRACTOR SHALL UTILIZE 3-DIMENSION TECHNOLOGY REVIT BIM MODEL FOR TRADES COORDINATION IN CONSTRUCTION. SYSTEMS INSTALLATION SHALL BE IN GENERAL PLACEMENT OF DESIGN AS SHOWN ON APPROVED CONSTRUCTION DRAWINGS AND/OR REVIT BIM MODELS.
- ALL EQUIPMENT SHOWN ON CONSTRUCTION DOCUMENTS IS TO BE NEW, CONTRACTOR FURNISHED/CONTRACTOR INSTALLED UNLESS SPECIFIED ON DRAWINGS AND/OR SCHEDULES.
- ALL TECHNOLOGY SYSTEMS MUD RINGS SHALL BE PAINTED BLUE FOR A PRE-SHEETROCK INSPECTION OF IN-WALL INFRASTRUCTURE.
- ALL EXPOSED CONDUITS SHALL BE PRIMED WHITE AND PAINTED TO MATCH SURROUNDING AREA.
- NETWORK STATION CABLING SHALL BE TERMINATED IN PATCH PANEL(S) IN SEQUENTIAL ORDER OF ROOM NUMBER. DROP ID. CABLES SHALL BE MACHINE LABELED AT PATCH PANEL FACE, AND AT CATEGORY CABLE (BOTH ENDS AS SHOWN ON DETAILS/SPECIFICATIONS).



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KEY PLAN

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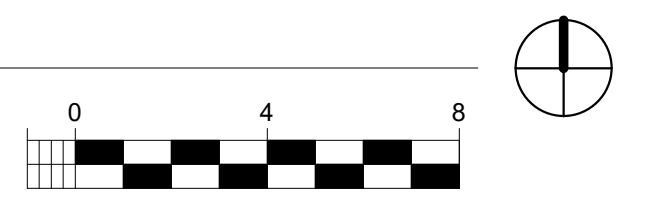
DESIGN DEVELOPMENT

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TECHNOLOGY SITE PLAN

Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number T1.1
Drawn JJZ	Checked LPCE

1 TECHNOLOGY SITE PLAN
SCALE: 1" = 20'-0"



NOT FOR CONSTRUCTION

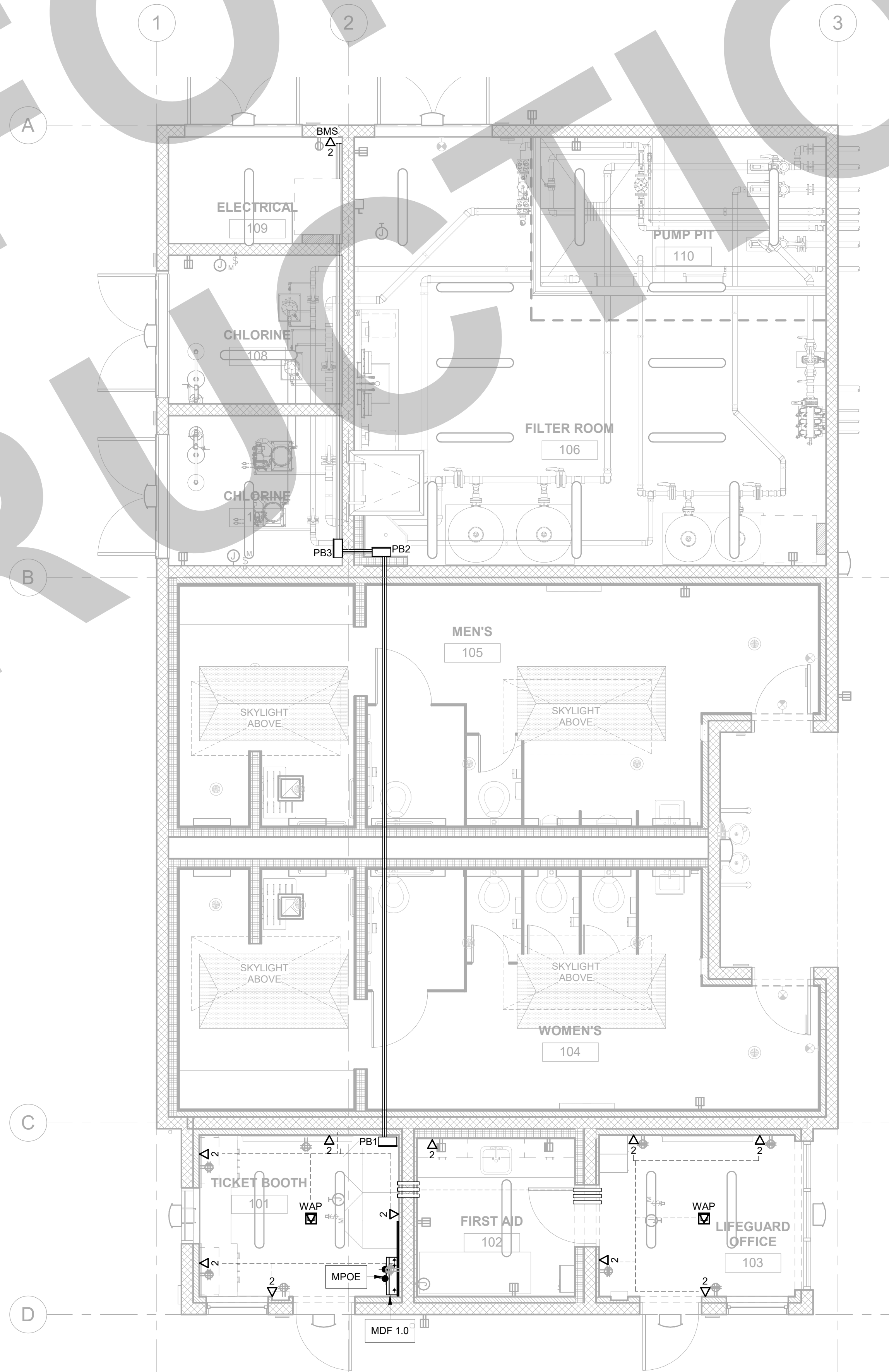
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6. ALL EXPOSED CONDUITS SHALL BE PRIMED WHITE AND PAINTED TO MATCH SURROUNDING AREA.
7. NETWORK STATION CABLING SHALL BE TERMINATED IN PATCH PANEL(S) IN SEQUENTIAL ORDER OF ROOM NUMBER. DROP ID. CABLES SHALL BE MACHINE LABELED AT PATCH PANEL FACE, AND AT CATEGORY CABLE (BOTH ENDS AS SHOWN ON DETAILS/SPECIFICATIONS).

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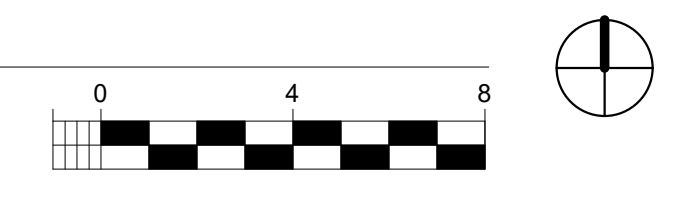
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**TECHNOLOGY FLOOR
PLAN**

1 TECHNOLOGY FLOOR PLAN
SCALE: 1/4" = 1'-0"



Date MM/DD/YYYY	Project Number 22009
Application Number XX-XXXXXX	Drawing Number T2.1
Drawn JJZ	Checked LPCE

FIRE ALARM ABBREVIATIONS/SYMBOLS			
SYMBOL	DESCRIPTIONS	SYMBOL	DESCRIPTIONS
A	ABOVE CEILING	PAP	PRE-ACTION PANEL
AF	ABOVE FINISHED FLOOR	PIV	POST INDICATE VALVE
AHJ	AUTHORITY HAVING JURISDICTION	(R)	RELOCATE / RELOCATED
ALM	ALARM	(RC)	EXISTING TO REMOVE AND COVER
ANN	ANNUNCIATOR	(RL)	EXISTING DEVICE TO BE RELOCATED
BMS	BUILDING MANAGEMENT SYSTEM	(RL)	RELOCATED DEVICE
C	CONDUIT	(RR)	REMOVE EXISTING & REPLACE WITH NEW
CEC	CALIFORNIA BUILDING CODE	SCC	STATUS COMMAND CENTER
CEC	CALIFORNIA ELECTRICAL CODE	SLC	SIGNALING LINE CIRCUIT
CFC	CALIFORNIA FIRE CODE	SMK	SMOKE
CM	CEILING MOUNTED	SUPV	SUPERVISORY
CD	CANDELA RATING	TOS	TOP OF SHAFT
DET	DETECTOR	TRBL	TROUBLE
DGP	DATA GATHERING PANEL	TS	TAMPER SWITCH
(E)	EXISTING TO REMAIN	TYP	TYPICAL
EC	EMPTY CONDUIT	UNO	UNLESS NOTED OTHERWISE
EM	EMERGENCY	VCC	VOICE COMMAND CENTER
EMT	ELECTRICAL METALLIC TUBING	VT	VALVE TAMPER
EOL	END OF LINE	W	WAITAGE
EPO	EMERGENCY POWER OFF	W/O	WITHOUT
FAA	FIRE ALARM ANNUNCIATOR	WF	WATERFLOW
FACP	FIRE ALARM CONTROL PANEL	WG	WIRE GUARD
FAPS	REMOTE FIRE ALARM POWER SUPPLY	WP	WEATHERPROOF
FATC	FIRE ALARM TERMINAL CABINET	(X)	REMOVE
FBO	FURNISHED BY OTHERS	XFMR	TRANSFORMER
FCC	FIRE COMMAND CENTER		
FSD	FIRE SMOKE DAMPER		
FTR	FIRE ALARM TRANSDUCER		
H	HIGH HUMIDITY		
HT	HEIGHT		
HVAC	HEATING VENTILATION & AIR CONDITIONING		
IMS	INFORMATION MANAGEMENT SYSTEM		
MAX	MAXIMUM		
MIN	MINIMUM		
(N)	NOT APPLICABLE		
N/A	NOT AVAILABLE		
NA	NOT AVAILABLE		
NAC	NOTIFICATION APPLIANCE CIRCUIT		
NDU	NETWORK DISPLAY UNIT		
NEC	NATIONAL ELECTRICAL CODE		
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION		
NIC	NOT IN CONTRACT		
NPU	NETWORK PROCESSING UNIT		
NTS	NOT IN CONTRACT		

GOVERNING CODES & APPLICABLE STANDARDS	
TITLE 24 CODES:	
1.	2022 CALIFORNIA BUILDING STANDARD ADMINISTRATIVE CODE (CAC), (PART 1, TITLE 24, CCR).
2.	2022 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 AND 2 (PART 2, TITLE 24, CCR), (2021 EDITION INTERNATIONAL BUILDING CODE WITH CALIFORNIA AMENDMENTS).
3.	2022 CALIFORNIA ELECTRICAL CODE, (PART 3, TITLE 24, CCR), (2020 EDITION NATIONAL ELECTRICAL CODE WITH CALIFORNIA AMENDMENTS).
4.	2022 CALIFORNIA ENERGY CODE, (PART 6, TITLE 24, CCR), (2022 EDITION CALIFORNIA ENERGY COMMISSION BUILDING ENERGY EFFICIENCY STANDARDS).
5.	2022 CALIFORNIA FIRE CODE (CFC), (PART 9, TITLE 24, CCR) (2021 EDITION INTERNATIONAL FIRE CODE WITH CALIFORNIA AMENDMENTS).
6.	2022 CALIFORNIA REFERENCE CODE, (PART 12, TITLE 24, CCR).
REFERENCE CODE SECTIONS FOR APPLICABLE STANDARDS:	
1.	2022 CBC, CHAPTER 35.
2.	2022 CFC, CHAPTER 80.
3.	2022 NFPA 72, AS AMENDED.

FIRE ALARM GENERAL NOTES	
1.	THE INTENT OF THESE DRAWINGS AND/OR SPECIFICATIONS DESCRIBE A COMPLETE, FUNCTIONING FIRE ALARM SYSTEM (INCLUDING VOICE EVACUATION PER SB575) WITH DEVICES, WIRING AND FIRE ALARM CONTROL PANEL TO MEET THE REQUIREMENTS OF NFPA 72 AND 2022 CALIFORNIA FIRE CODE AND APPLICABLE LOCAL FIRE MARSHALL REGULATIONS AND REQUIREMENTS.
2.	LOCATIONS OF EXISTING EQUIPMENT AND DEVICES SHOWN ON THESE PLANS ARE BASED ON AVAILABLE AS-BUILT PLANS AND LIMITED SITE SURVEYS. CONTRACTOR SHALL THOROUGHLY INSPECT THE EXISTING SYSTEM AND SITE CONDITIONS BEFORE BID. ADVISE THE OWNER'S REPRESENTATIVE OF ALL CONDITIONS REQUIRING IMMEDIATE ATTENTION OR MIGHT CAUSE DIFFICULTIES THAT ARE NOT ADDRESSED, OR INFERRED TO, IN THE CONTRACT DRAWINGS AND SPECIFICATIONS PRIOR TO NEW CONSTRUCTION AND THE COMMENCEMENT OF THE GUARANTEE PERIOD.
3.	CONTRACTOR SHALL SUBMIT ANY ALTERATIONS OF THE APPROVED CONSTRUCTION DOCUMENTS TO THE SPECIAL INSPECTOR AND AHJ FOR NEW APPROVALS. START INSTALLATION OF THE SYSTEM AFTER DETAILED PLANS, SPECIFICATIONS, NEW SHOP DRAWINGS AND SUBMITTALS HAS BEEN APPROVED BY AHJ. CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR ANY DELAY.
4.	FIRE WATCH IN CONFORMANCE WITH THE 2022 CALIFORNIA FIRE CODE SHALL BE PROVIDED AT THE DIRECTION OF THE CONTRACTOR FOR EVERY OFF-LINE BUILDING. THE OWNER SHALL ASSIST WITH FIRE WATCH ACTIVITIES DURING OCCUPIED HOURS AND WHENEVER THE BUILDING IS OCCUPIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING AND MAINTAINING ALL FIRE WATCH LOGS.
5.	REQUEST FOR ADDITIONAL COSTS ASSOCIATED WITH RE-USE OF ANY EXISTING SYSTEM COMPONENT, INCLUDING CONDUITS, BOXES, CONTROL PANELS, ETC. WILL NOT BE CONSIDERED.
6.	NO KNOWN EXISTING CEILING OR ATTIC SPACE IN ROOMS OR AREA WITH HARD CEILING. IF CEILING OR ATTIC SPACE OCCUR DURING FIELD CONSTRUCTION THAT REQUIRE ADDING DESTRUCTORS ABOVE THE CEILING OR ATTIC SPACE, PROVIDE A CONSTRUCTION CHANGE DOCUMENT, OR A SEPARATE SHEET OF PLANS SHALL BE SUBMITTED TO AND APPROVED BY AHJ BEFORE PROCEEDING WITH THE WORK.
7.	THE FIRE ALARM SYSTEM SHALL CONFORM TO THE 2022 CALIFORNIA FIRE CODE, ARTICLE 907, CBC 305 AND 2022 CALIFORNIA ELECTRICAL CODE, ARTICLE 760.
8.	FIRE ALARM SYSTEM SHALL TRANSMIT ALARM, SUPERVISORY AND TROUBLE SIGNAL TO AN APPROVED SUPERVISING STATION IN ACCORDANCE WITH 2022 NFPA 72 AND CBC 907.6.6.
9.	CONTRACTOR SHALL PROVIDE A COMPLETE AND FUNCTIONAL CODE COMPLIANT SYSTEM WITH ALL REQUIRED HARDWARE, DEVICES, PROGRAMMING AND POINT/DEVICE DESCRIPTION SCHEDULES.
10.	THE INSTALLING CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERVISORY MONITORING PER CBC 907.6.3.
11.	OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PROVISIONS.
12.	INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT BE STARTED UNTIL DETAILED SPECIFICATIONS, INCLUDING CALIFORNIA STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM HAVE BEEN APPROVED BY THE CALIFORNIA STATE FIRE MARSHAL, AND THE LOCAL FIRE MARSHAL.
13.	UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE ENFORCING AGENCY AND SPECIAL INSPECTOR. THE OWNER SHALL NOT BE IN OPERATION UNTIL THE IOR AND THE LOCAL FIRE MARSHAL HAS VERIFIED AND/OR SIGNED OFF ON OPERATIONAL CAPACITY OF THE FIRE ALARM SYSTEM.
14.	ARCHITECT/ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE FINAL INSPECTION AND /OR TESTING.
15.	CONTRACTOR SHALL SUBMIT THE SPECIAL INSPECTOR NFPA CERTIFICATE OF COMPLIANCE FORM TO THE BUILDING REPRESENTATIVE FOR SUBMISSION TO THE FIRE DEPARTMENT.
16.	BEFORE REQUESTING FINAL APPROVAL OF THE INSTALLATION, THE SYSTEM INSTALLING CONTRACTOR SHALL FURNISH A WRITTEN STATEMENT TO THE INSPECTOR OF RECORD TO THE EFFECT THAT THE SYSTEM HAS BEEN INSTALLED AND COMPLETELY TESTED IN ACCORDANCE WITH 2022 NFPA 72, SECTION 7.5.2 AND 7.6.
17.	CONTRACTOR SHALL PROVIDE INTELLIGIBILITY TESTING USING INTELLIGIBILITY METERS APPROVED FOR SUCH USE. REFERENCE NFPA 72 CHAPTER 24. AN ICS SCORE OF 7.0 IS A MINIMUM REQUIREMENT. CONTRACTOR SHALL IDENTIFY ALL ACOUSTICALLY DISTINGUISHABLE SPACES (ADS) ON CONTRACTOR SHOP DRAWINGS.
18.	THE CONTRACTOR SHALL ADJUST/INSTALL ALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.
19.	PROVIDE FIRE ALARM AUDIBLE SOUND LEVEL AT LEAST 15 DBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL IN ALL OCCUPIED AREA, BUT NOT LESS THAN 75-DBA AT 10 FEET OR MORE THAN 120 DBA IN TOTAL, THROUGHOUT. SYNCHRONIZED TEMPORAL CODE 3 SOUND. (2022 NFPA 72, 18.4.2.1)
20.	WALL MOUNTED VISIBLE NOTIFICATION DEVICES SHALL HAVE THEIR BOTTOMS MOUNTED AT 80" MINIMUM AND 96" MAXIMUM FROM FINISHED FLOOR.
21.	WALL MOUNTED AUDIBLE NOTIFICATION DEVICES SHALL HAVE THEIR TOPS MOUNTED AT 90" MINIMUM FROM FINISHED FLOOR AND NO CLOSER THAN 6" TO A HORIZONTAL STRUCTURE.
22.	A FLASHING VISUAL WARNING DEVICE HAVING A FREQUENCY OF NOT MORE THAN 60 FLASHES PER MINUTE TWO (2) FLASHES OR LESS THAN ONE (1) FLASH PER SECOND) SHALL BE INSTALLED TO WARN THE HEARING-IMPAIRED AS SHOWN ON THE DRAWINGS. FLASHING VISUAL WARNING DEVICES VIEWABLE WITHIN THE SAME INTERIOR SPACE SHALL BE SYNCHRONIZED. (2022 NFPA 72, 18.5.3.1, 18.5.3.6 AND 18.5.5.7)
23.	SMOKE DETECTORS SHALL NOT BE ANY CLOSER THAN 1' FROM FIRE SPRINKLERS OR 3' FROM ANY SUPPLY DIFFUSER. IN AREA OF CONSTRUCTION OR POSSIBLE DAMAGE/CONTAMINATION ON NEWLY INSTALLED FIRE ALARM, DEVICES SHALL BE COVERED UNTIL THAT AREA IS READY TO BE TURNED OVER TO THE OWNER.
24.	LOCATE SMOKE AND HEAT DETECTORS AT LEAST ONE FOOT AWAY FROM FLUORESCENT LIGHT FIXTURES.
25.	CONTRACTOR SHALL AFFIX TO EACH FIELD DEVICE A DEVICE LABEL. DEVICE LABEL SHALL BE ARRANGED FOLLOWING DETAIL "FIRE ALARM CIRCUIT IDENTIFIERS". INITIATION DEVICES CONNECTED TO EQUIPMENT BY OTHERS SHALL HAVE A LABEL AFFIXED TO MODULE INDICATING THE EQUIPMENT CONNECTED.
26.	ALL PENETRATIONS THROUGH RATED ASSEMBLIES REQUIRING OPENING PROTECTION SHALL BE PROVIDED WITH A PENETRATION FIRE STOP SYSTEM AS IDENTIFIED IN CBC CHAPTER 7, UL OR OTHER APPROVED LAB TESTING CRITERIA. APPROVED TYPES OF MATERIALS SHALL BE IDENTIFIED WITHIN THE PROJECT SPECIFICATIONS WITHIN THE FIRE ALARM SECTION.
27.	UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATER TIGHT FITTINGS AND WIRE TO BE APPROVED FOR WET LOCATIONS.
28.	PER CEC STANDARDS, ALL WIRING IS TO BE PULLED THROUGH EACH JUNCTION BOX AND CONNECTED DIRECTLY TO EACH FIRE DEVICE. DO NOT SPLICE THE WIRE. ALL BOXES TO BE SIZED PER CEC.
29.	ALL FIRE ALARM CIRCUITS SHALL BE IN CONDUIT OR RACEWAY WHEN PASSING THROUGH A FLOOR OR WALL TO A HEIGHT OF 7 FEET ABOVE THE FLOOR. FIRE ALARM WIRING ABOVE CEILING SHALL BE SUPPORTED BY THE BUILDING STRUCTURE SO AS NOT TO DAMAGE THE CABLE.
30.	NO SPLICES SHALL BE ALLOWED FOR FIRE ALARM SYSTEM UNDERGROUND CABLES.
31.	NEW FIRE ALARM WIRING SHALL NOT BE INSTALLED IN ANY RACEWAY WITH WIRING IN EXCESS OF 24 VOLT.
32.	FIRE ALARM PANEL, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURERS SPECIFICATIONS. NO SINGLE DEVICE SHALL EXCEED 20 LBS. WITHOUT SPECIAL MOUNTING DETAILS.
33.	ALL FIRE ALARM EQUIPMENT BRANCH CIRCUITS SHALL BE DEDICATED AS PER 2022 NFPA 72, 10.6.5.1.2 AND ITS LOCATION BE CLEARLY LABELED AT THE FIRE ALARM CONTROL PANEL.
34.	ALL FIRE ALARM EQUIPMENT POWER SOURCE CIRCUITS SHALL BE IDENTIFIED AT THE POWER SOURCE PER 2022 NFPA 72, 10.6.5.2. USING A RED CLEARLY MARKED DISCONNECT WITH LOCK-ON CAPABILITY. COORDINATE WITH ELECTRICAL.
35.	MICROPHONES ASSOCIATED WITH EMERGENCY VOICE ALARM COMMUNICATION SYSTEMS (EVAC) SHALL BE ACCESSIBLE FOR USE, INSTALLED IN COMPLIANCE WITH CBC SECTIONS 11B-305 AND 11B-308.
36.	WHERE ACCESSIBILITY IS NOT AVAILABLE TO THE NEW FIRE ALARM DEVICES LOCATED ABOVE THE CEILING/ATTIC SPACES, PROVIDE ACCESS PANELS TO THESE DEVICES, COORDINATE PRIOR TO THE EXECUTION OF WORK.
37.	THE CONTRACTOR SHALL PROVIDE AS-BUILT SHOP DRAWINGS INDICATING CIRCUITING OF ALL DETECTOR AS AND OTHER DEVICES IN ALL THE BUILDINGS OF THIS PROJECT. AS-BUILT DRAWINGS SHALL BE STORED IN FIRE ALARM DOCUMENT CABINET INSTALLED ADJACENT TO FIRE ALARM CONTROL PANEL OR LOCATION APPROVED BY AUTHORITY HAVING JURISDICTION.
38.	PROVIDE DOCUMENTATION CABINET TO BE INSTALLED PROXIMAL TO FACP (2022 NFPA 72, 7.7.2.1). ALL RECORD DOCUMENTATION SHALL BE STORED IN THE DOCUMENTATION CABINET (2022 NFPA 72 7.7.2.3). THE DOCUMENTATION CABINET TO BE PROMINENTLY LABELED "SYSTEM RECORD DOCUMENTS" (2022 NFPA 72 7.7.2.5).

FIRE ALARM DEVICE LEGEND					
SYMBOL	QTY	MANUFACTURER	PART NO	DESCRIPTION	CSFM
[TAGS]	1	SILENT KNIGHT	6700 (SK)	FIRE ALARM CONTROL PANEL, ADDRESSABLE, SK PROTOCOL	7165-0569-0501
[FAA]	1	SILENT KNIGHT	6700 MAIN BOARD (SK)	FIRE ALARM CONTROL PANEL MAIN BOARD SK PROTOCOL	7165-0569-0501
[F]	1	SILENT KNIGHT	5860R	ANNUNCIATOR	7165-0569-0135
[H A]	3	SILENT KNIGHT	SK-PULL-GA	ADDRESSABLE MANUAL PULL STATION, SINGLE-ACTION	7150-0569-0161
[H]	8	SILENT KNIGHT	SK-HEAT-HT-W	ADDRESSABLE HEAT DETECTOR, FIXED TEMP	7270-0569-0511
[H]	12	SILENT KNIGHT	SK-HEAT-W	ADDRESSABLE HEAT DETECTOR, FIXED TEMP	7270-0569-0511
[S]	6	SILENT KNIGHT	SK-PHOTO-W	ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR	7272-0569-0162
[S]	1	SYSTEM SENSOR	P2RK	2-WIRE HORN STROBE, STANDARD CO.	7125-1653-0188
[S]	3	SYSTEM SENSOR	P2RL	2-WIRE HORN STROBE, RED	7135-1653-0503
[S]	2	SYSTEM SENSOR	SRL	STROBE, RED	7125-1653-0504

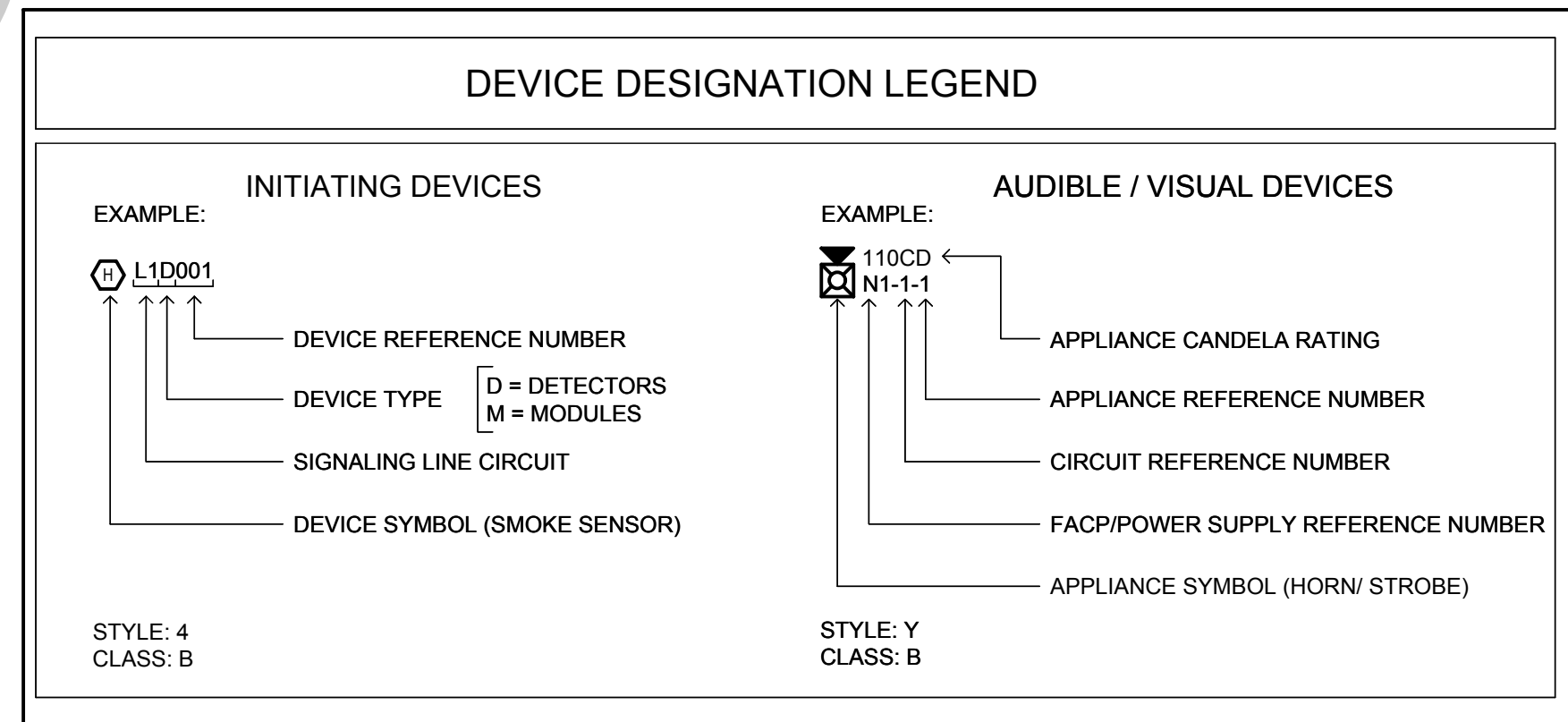
FIRE ALARM CABLE SCHEDULE					
TYPE	DESCRIPTION	JACKET COLOR	SERVES	ENVIRONMENT USE	NOTES
A	2#16 UTP FPLR, SOLID	RED/BLK	SLC INTELLIGENT LOOP	INTERIOR	
B	2#14 UTP FPLR, SOLID	RED/BLK	NAC STROBE (VISUAL)	INTERIOR	
C	2#16 UTP FPLR, SOLID	RED/BLK	VOICE (SPEAKER)	INTERIOR	
D	2#16 UTP FPLR, SOLID	RED/BLK	IDC CIRCUIT	INTERIOR	
E	2#16 UTP FPLR, SOLID	RED/BLK	FAA RS485 COMM	INTERIOR	
P	2#16 UTP FPLR, SOLID	RED/BLK	24VDC POWER	INTERIOR	
R	2#16 UTP FPLR, SOLID	RED/BLK	SPEAKER RISER	INTERIOR	
AU	2#16 UTP WP#AQ225	RED/BLK	SLC ADDRESS LOOP	EXTERIOR/UDGND	DIRECT BURIAL CABLE
BU	2#14 UTP WP#AQ226	RED/BLK	NAC STROBE (VISUAL)	EXTERIOR/UDGND	DIRECT BURIAL CABLE
CU	2#16 UTP WP#AQ234	RED/BLK	NAC VOICE (SPEAKER)	EXTERIOR/UDGND	DIRECT BURIAL CABLE
DU	2#16 UTP WP#AQ225	RED/BLK	IDC CIRCUIT	EXTERIOR/UDGND	DIRECT BURIAL CABLE
EU	2#16 UTP WP#AQ225	RED/BLK	FAA RS485 COMM	EXTERIOR/UDGND	DIRECT BURIAL CABLE
PU	2#14 UTP WP#AQ226	RED/BLK	24VDC POWER	EXTERIOR/UDGND	DIRECT BURIAL CABLE
RU	2#16 UTP WP#AQ225	RED/BLK	SPEAKER RISER	EXTERIOR/UDGND	DIRECT BURIAL CABLE

NOTES:

- ALL CONDUCTORS SHALL BE COPPER AND SOLID - STRANDED CONDUCTOR IS NOT ACCEPTABLE
- MINIMUM CONDUIT SIZE IS 3/4" - CONCEALED IN CEILING SPACE OR APPROPRIATE WALLS.
- ALL SURFACE ROUTED RACEWAYS SHALL BE WIREMOLD OR APPROVED EQUAL.

CABLE ABBREVIATIONS:

STP	SHIELDED TWISTED PAIR	PA	PUBLIC ADDRESS
SLC	SIGNAL LINE CIRCUIT	UTP	UNSHIELDED TWISTED PAIR
NAC	NOTIFICATION APPLIANCE CIRCUIT	WP	WEST PENN (CABLE MANUFACTURER)
IDC	INITIATE DEVICE CIRCUIT		




SCOPE OF WORK AND BUILDING INFORMATION	
1.	PROVIDE A NEW AUTOMATIC, MANUAL FIRE ALARM SYSTEM TO COVER BUILDING RENOVATION FOR FIRE LIFE SAFETY. THIS INCLUDED MANUAL STATION, SMOKE DETECTORS, HEAT DETECTORS.
OCCUPANCY CLASSIFICATION: B/S1	
TYPE OF CONSTRUCTION: V-B	
NUMBER OF STORIES: 1 STORY	
SPRINKLER PROTECTION: NO	
ALTERNATIVE PROTECTION: NOT APPLICABLE	
TYPE OF SYSTEM: MANUAL, AUTOMATIC FIRE ALARM SYSTEM	

FIRE ALARM MONITORING NOTE	
AUTOMATIC FIRE ALARM SYSTEMS SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY 2022 NFPA 72 AS AMENDED BY ARTICLE 91. THE SUPERVISING STATION SHALL BE LISTED AS EITHER ULFIP OR ULUS BY UNDERWRITERS LABORATORY OR SHALL MEET THE REQUIREMENTS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011. SUPERVISION OF SYSTEM AND LEASED TELEPHONE LINES SHALL BE ARRANGED BY DISTRICT.	


FIRE ALARM SHEET INDEX	
SHEET NO.	SHEET TITLE
FA0.01	FIRE ALARM LEGEND, ABBREVIATIONS, AND NOTES
FA0.02	FIRE ALARM DETAILS AND SEQUENCE OF OPERATIONS
FA2.01	FIRE ALARM FLOOR PLAN, RISER & BATTERY CALCS

95% SUBMITTAL. SUBJECT TO CHANGE/BUILDING DEPT. REVIEW.



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NO.	REMARKS	DATE

DRAWING STATUS

- DISA PLAN CHECK
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KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

CONSTRUCTION DOCUMENTS

AQUATIC FACILITIES RENOVATION & REPLACEMENT - CITY PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

FIRE ALARM LEGEND, ABBREVIATIONS, AND NOTES

Date MM/DD/YYYY 2209
Application Number XX-XXXXXX
Drawing Number
Drawn Checked
Author Checker

Project Number 2209
Drawing Number
FA0.1

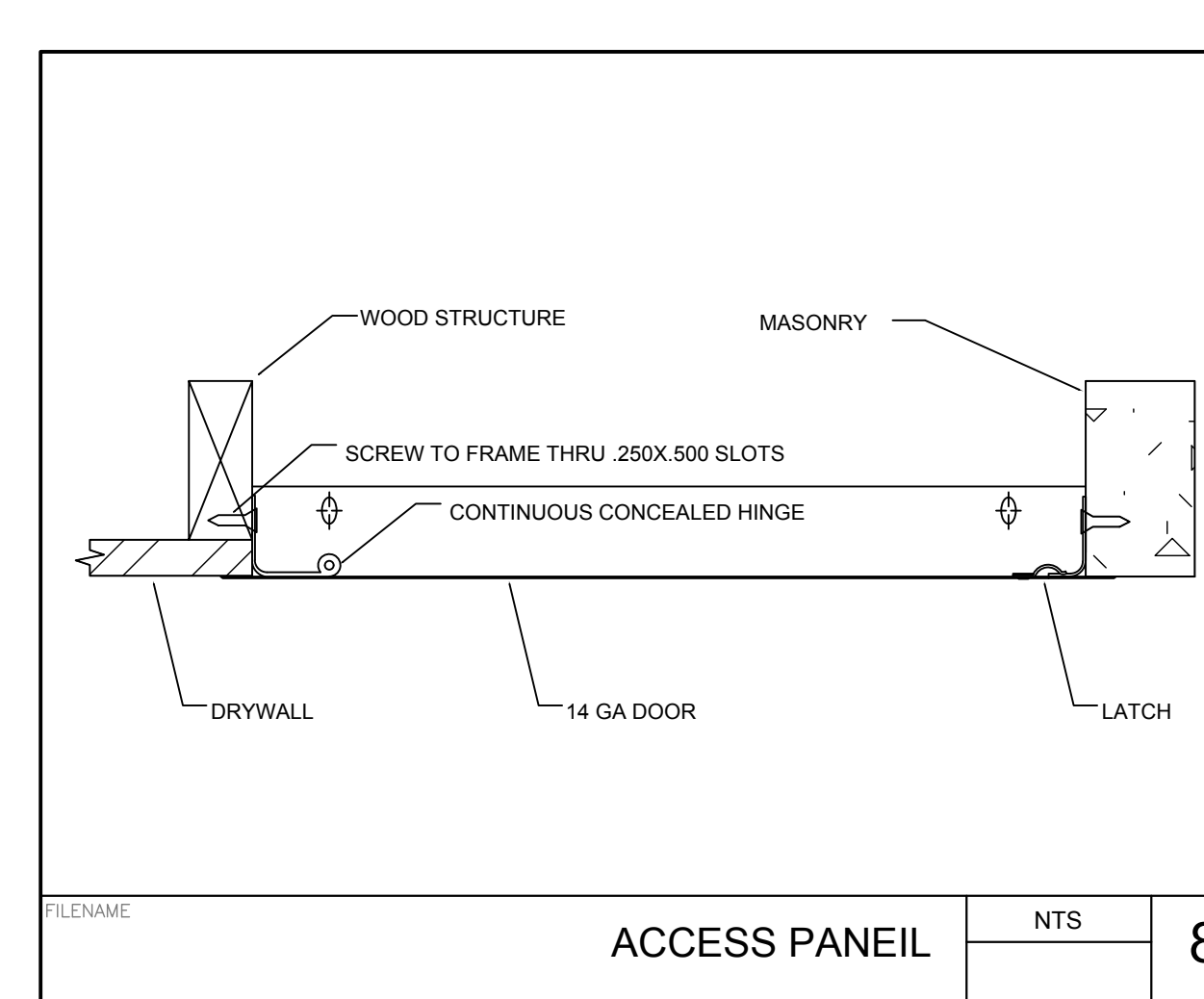
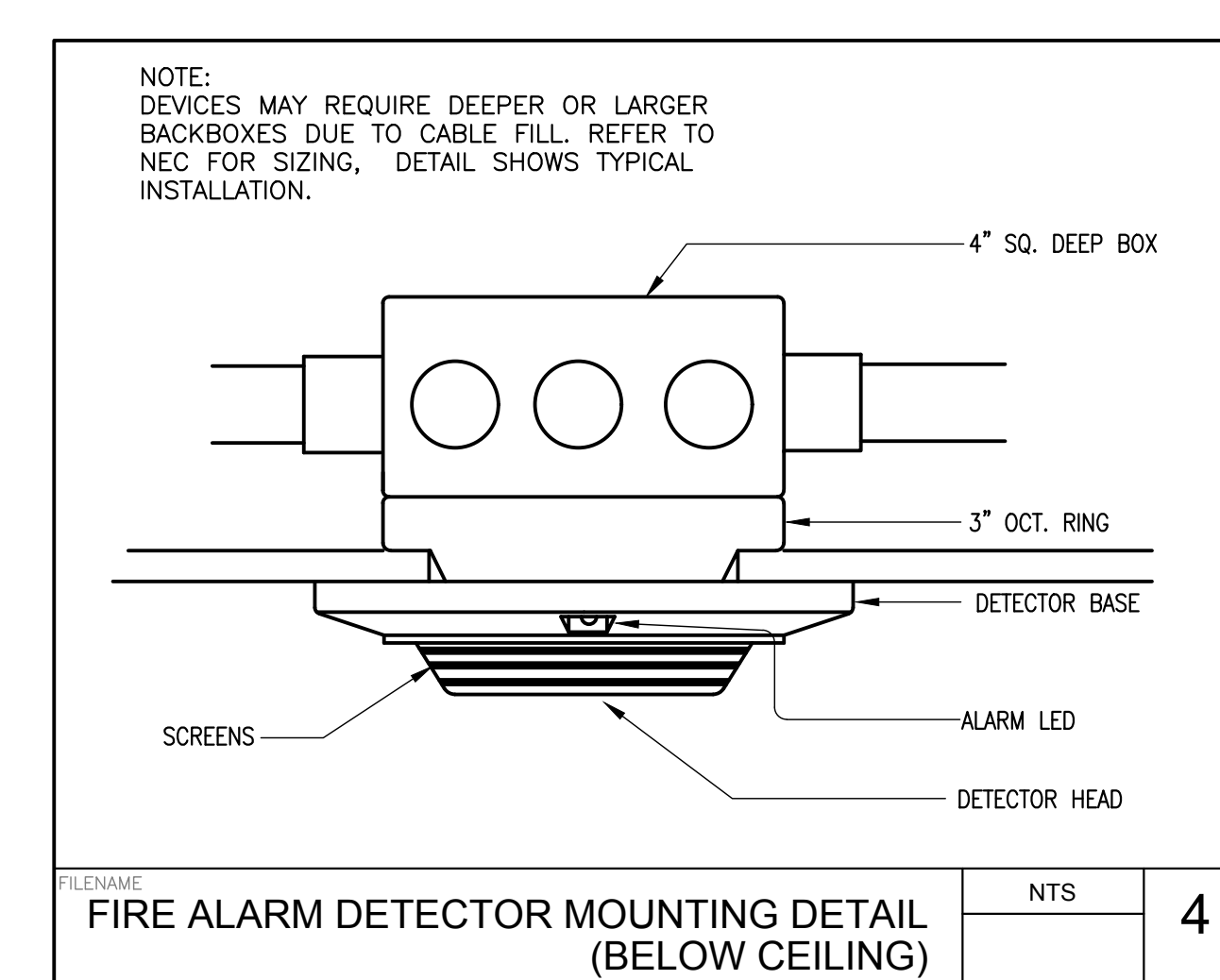
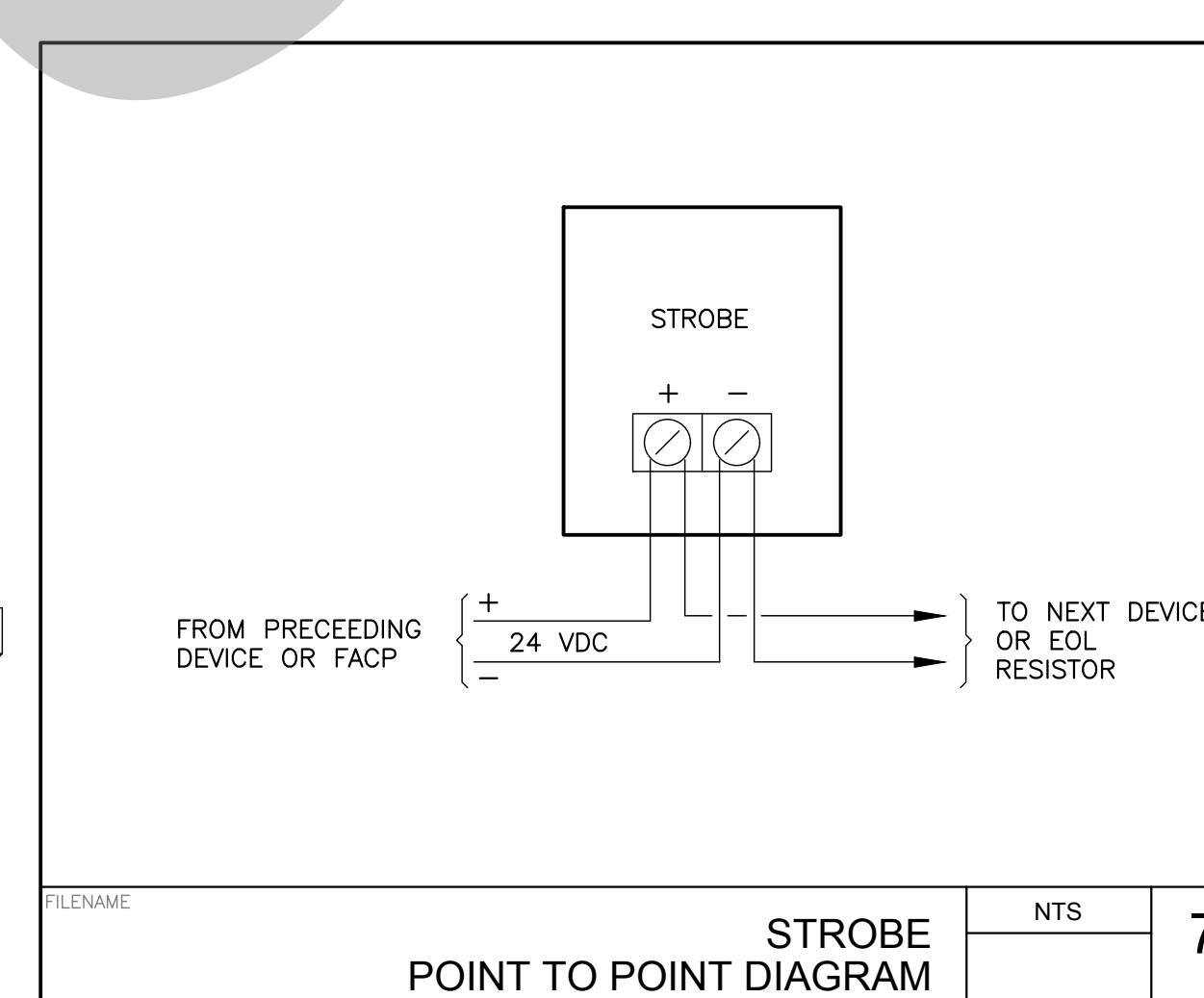
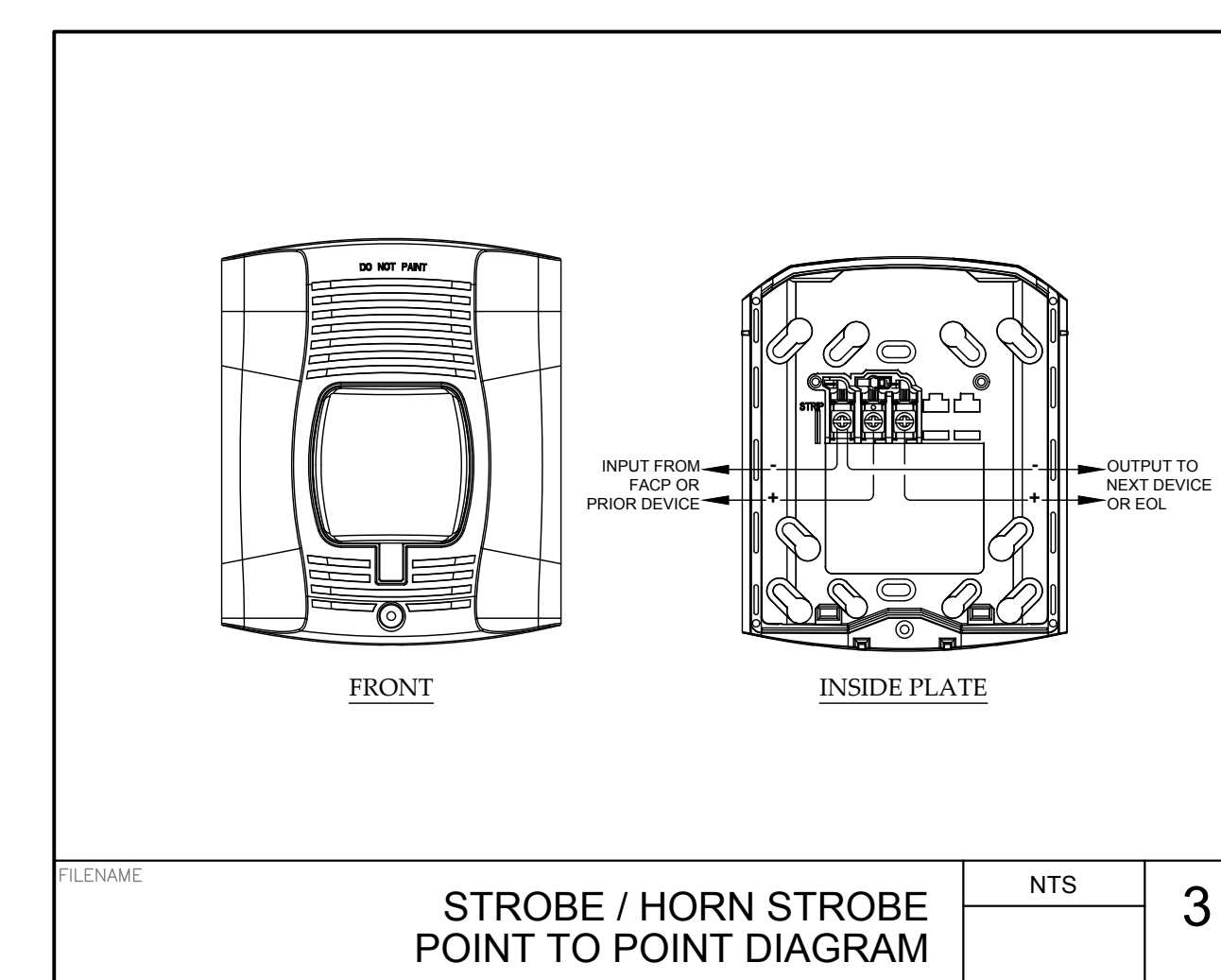
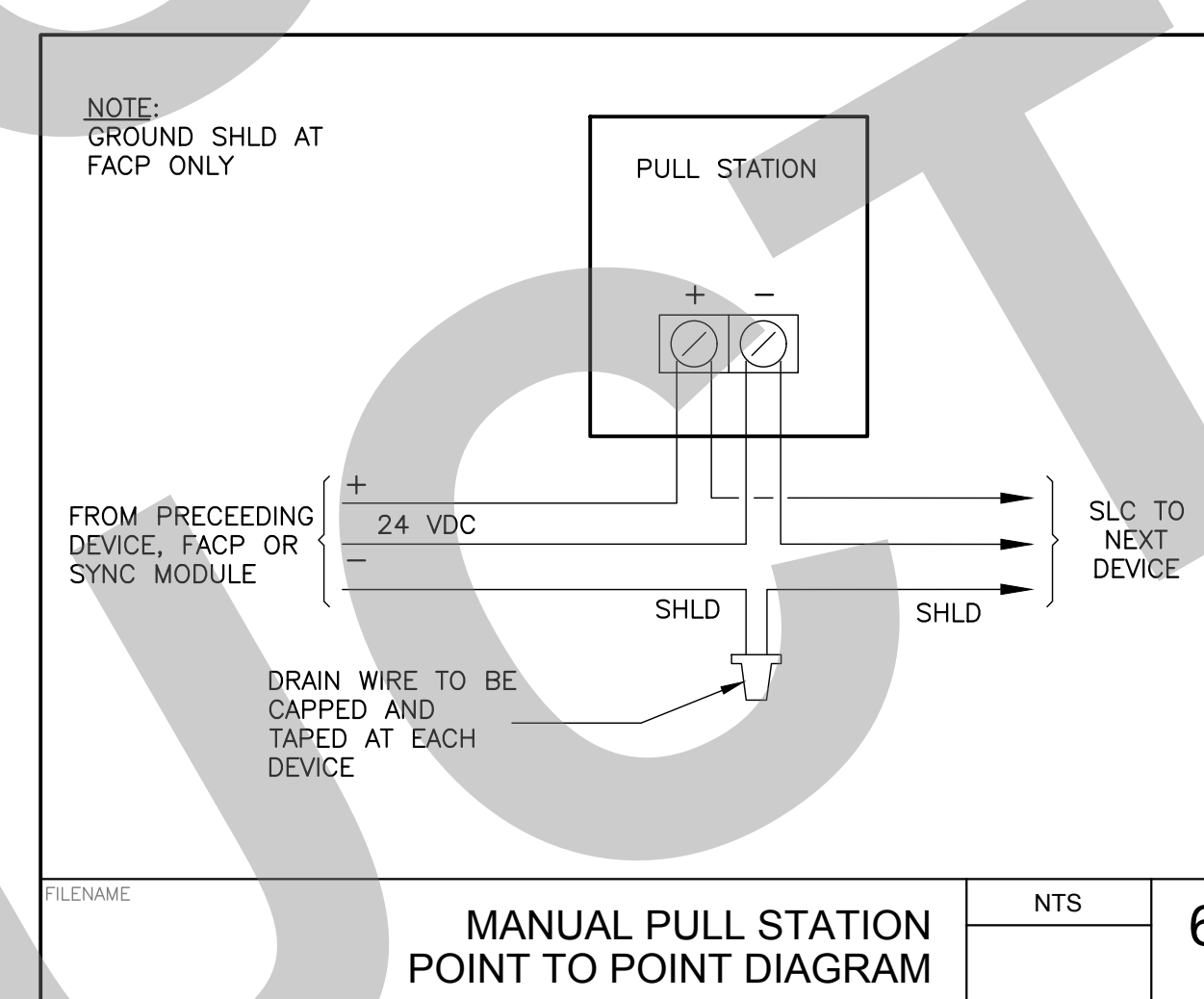
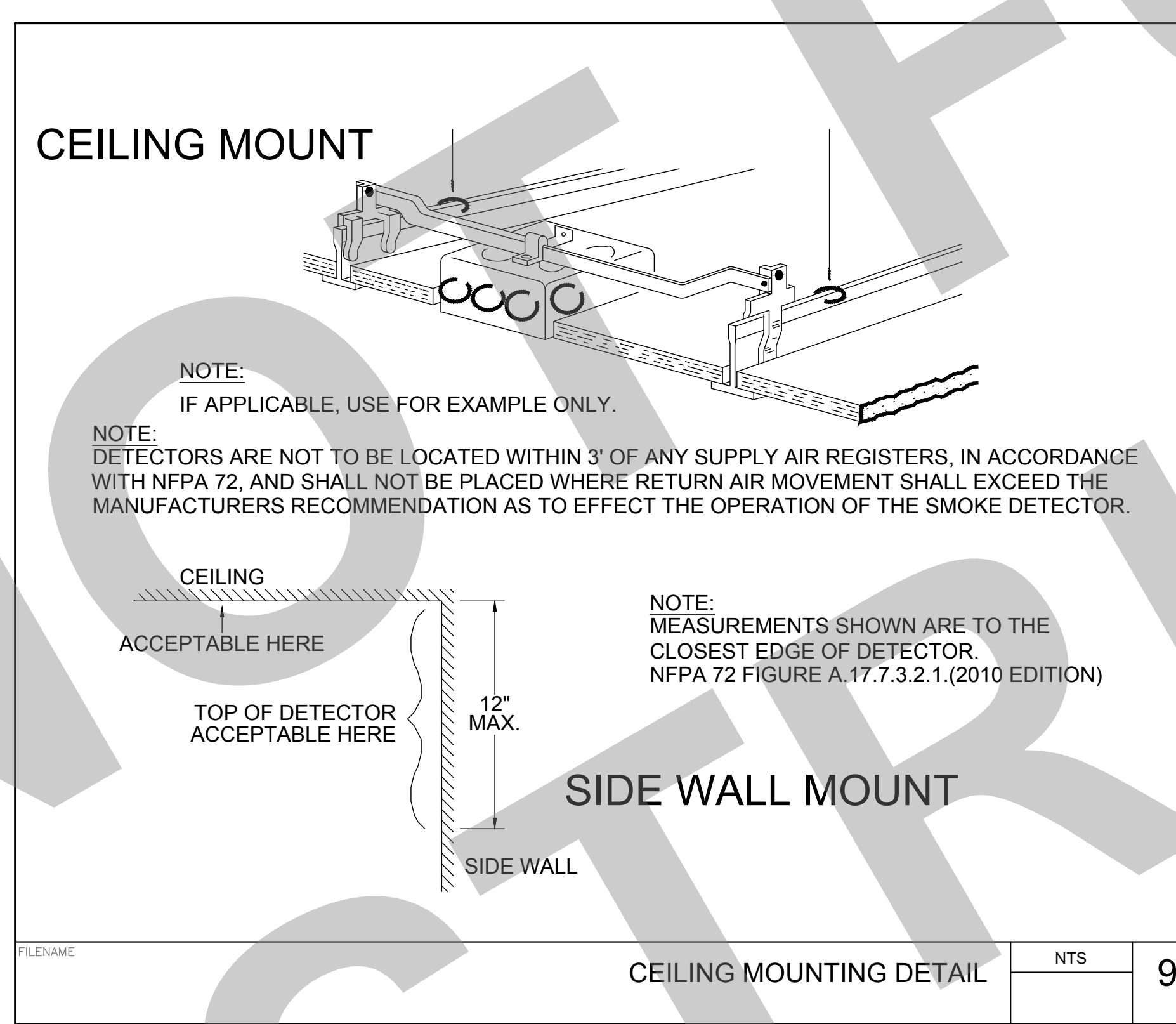
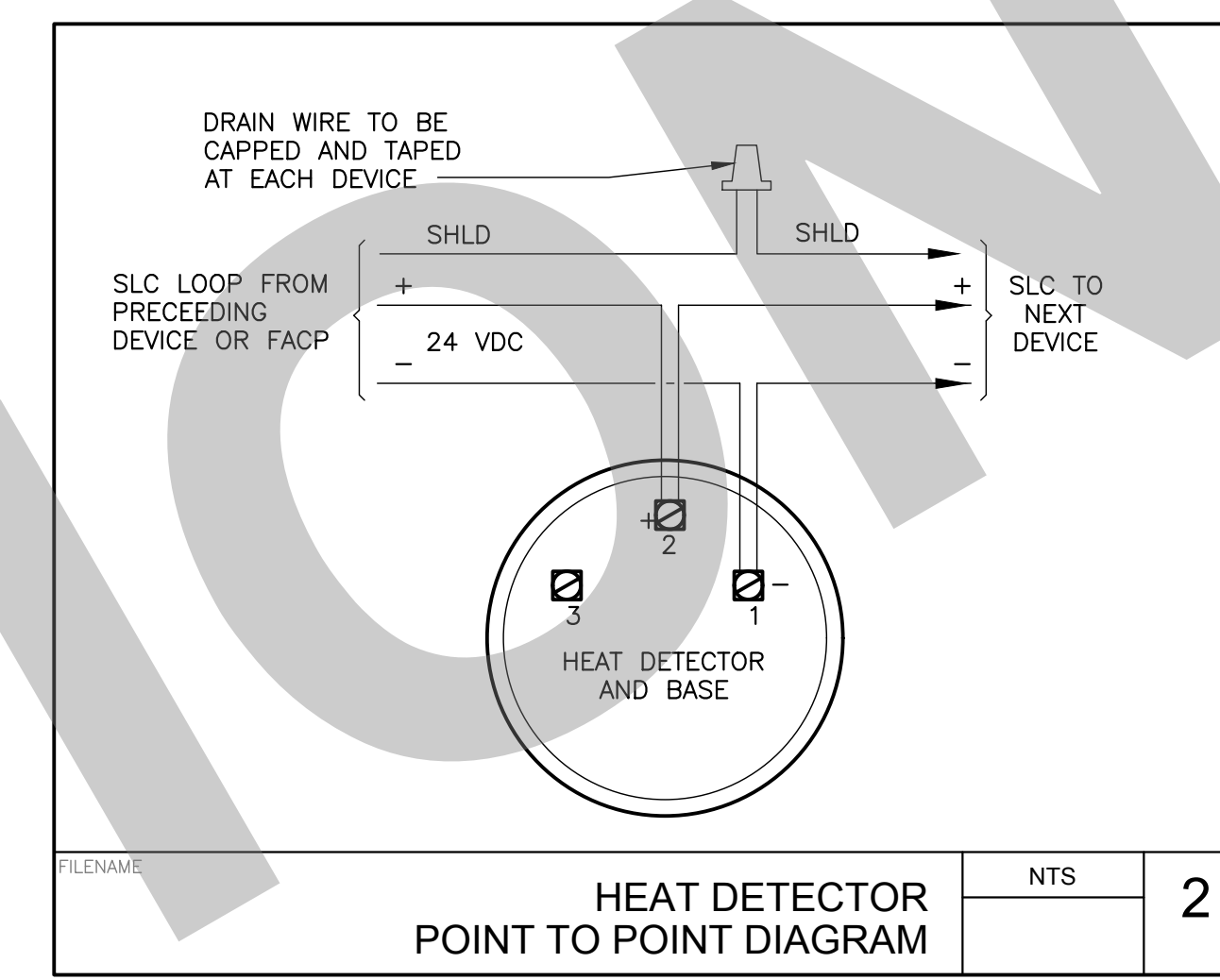
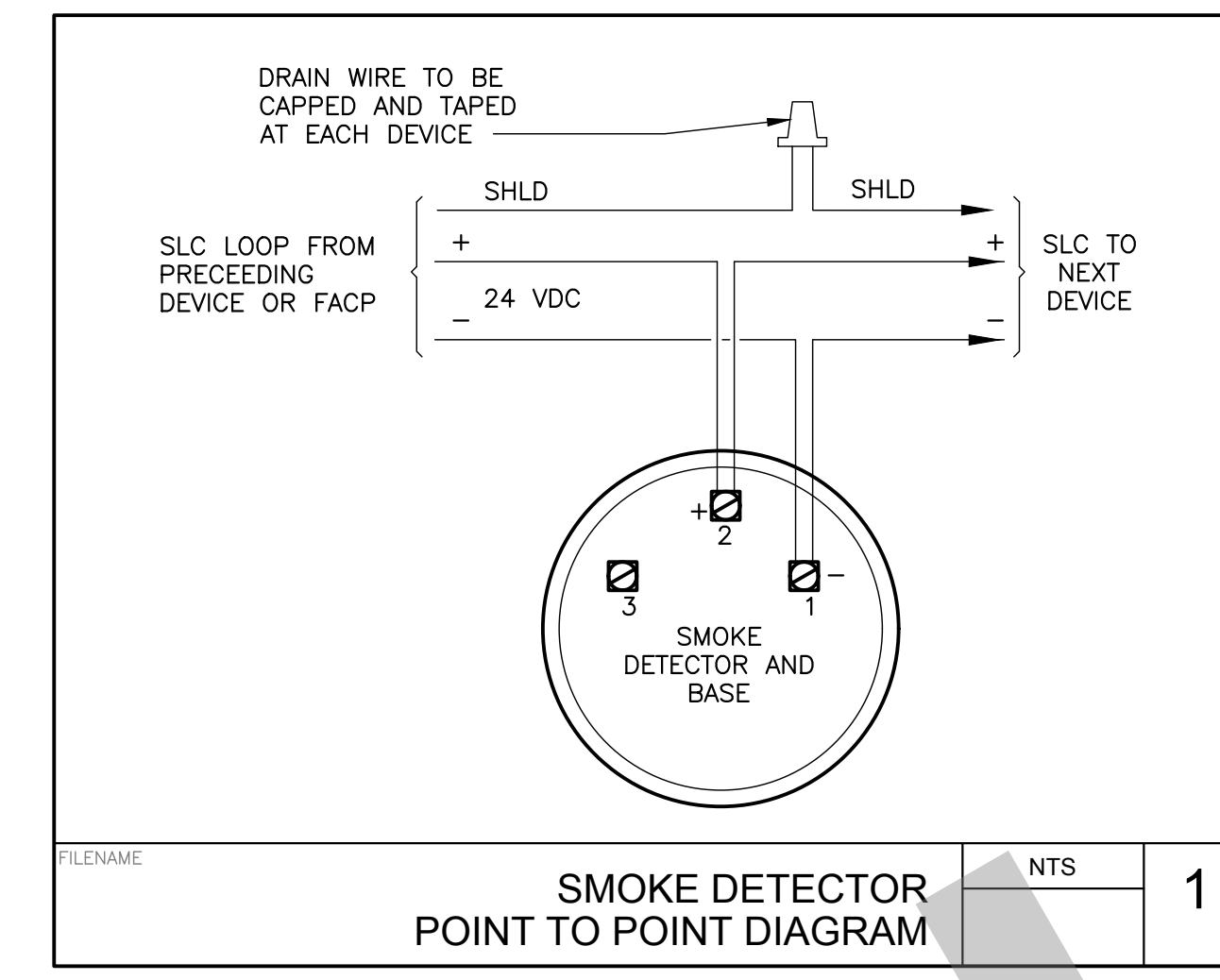
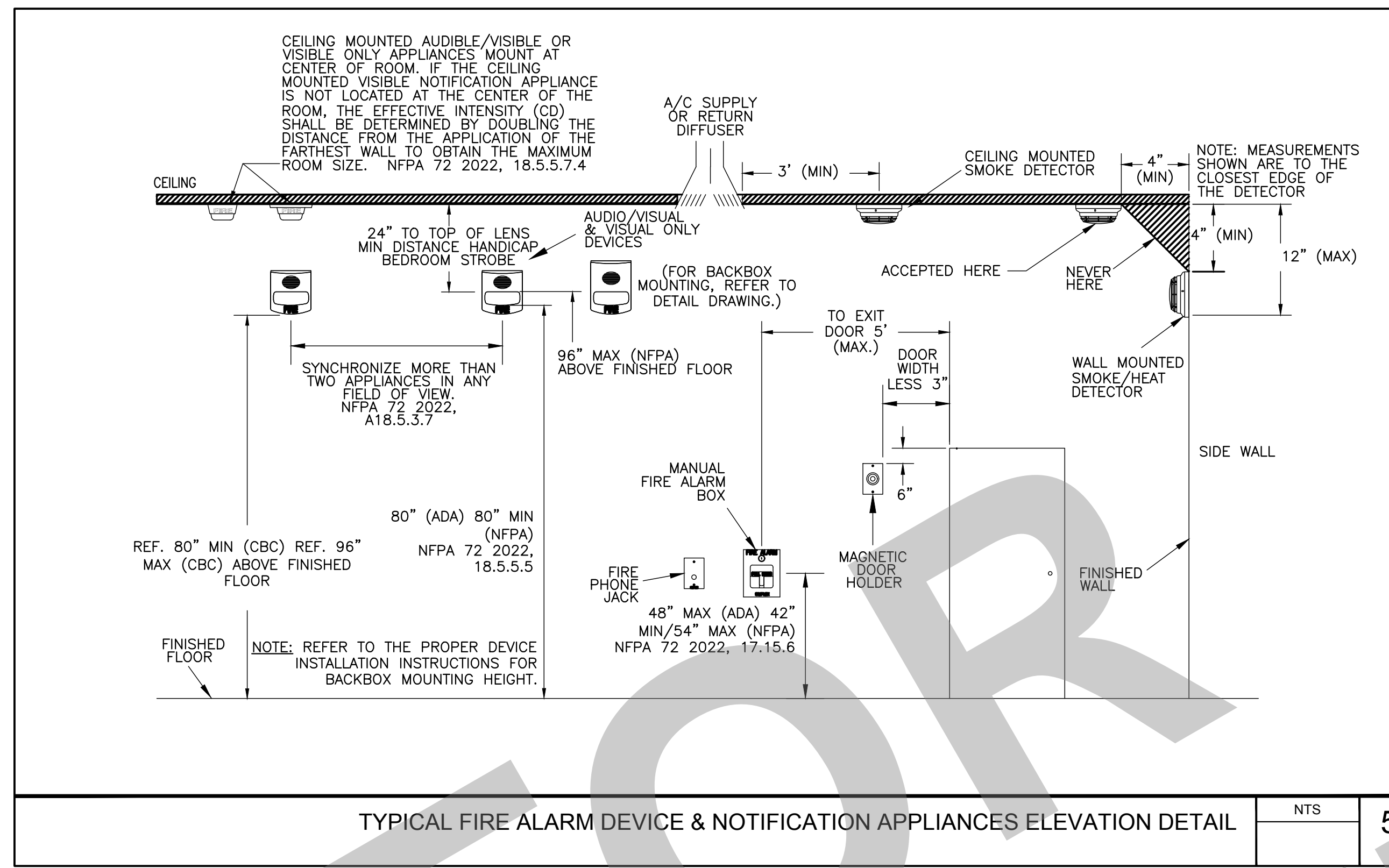
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SYSTEM INPUTS	CTRL UNIT ANNUNCIATION																	NOTIFICATION		REMARKS					
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S		T	U	V	W	AJ
1 SYSTEM ALARM CONDITION																									1
2 SMOKE SENSOR/DETECTOR	•																								2
3 HEAT SENSOR / DETECTOR																									3
4 MANUAL PULL STATION																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10 SYSTEM SUPERVISORY CONDITION																									10
11																									11
12																									12
13 SYSTEM TROUBLE CONDITION																									13
14 FIRE ALARM AC POWER FAILURE																									14
15 OPEN CIRCUIT OR GROUND FAULT																									15
16 FIRE ALARM SYSTEM LOW BATTERY																									16
17																									17
18																									18
19																									19

FIRE ALARM SEQUENCE OF OPERATION 10
SCALE: NTS

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REVISION HISTORY

DATE

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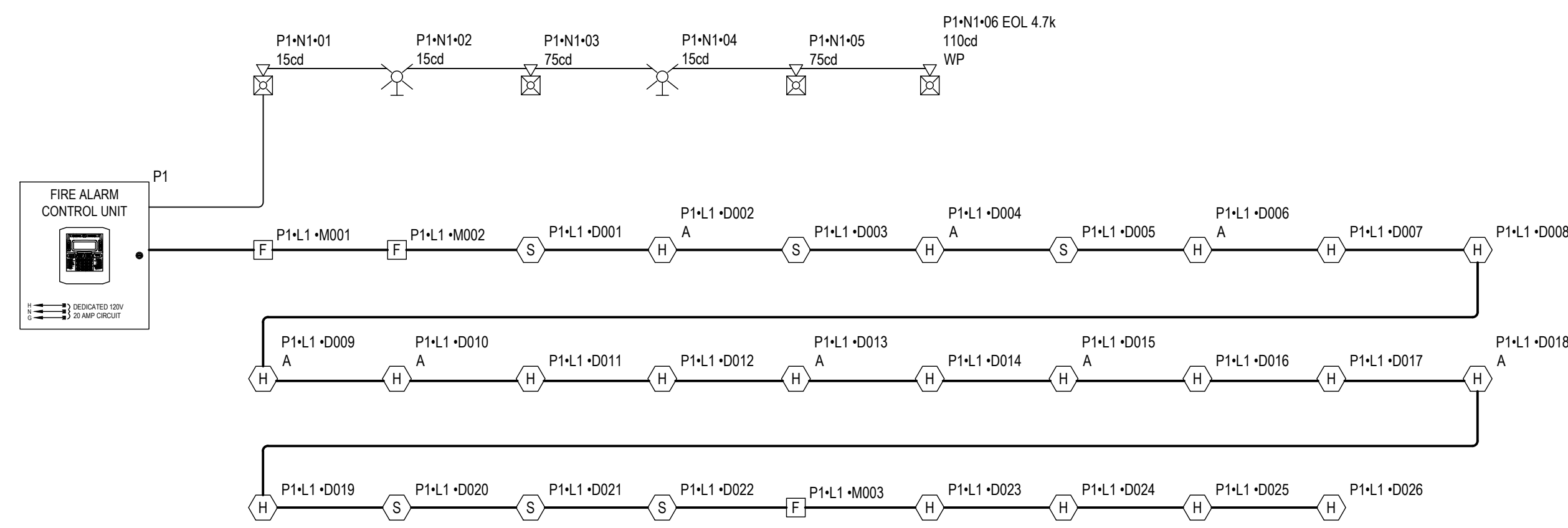
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1201 N PERSHING AVE
STOCKTON, CA 95203

FIRE ALARM
DETAILS

Date MM/DD/YYYY 22009
Project Number
Application Number XX-XXXXXX
Drawing Number
Drawn Checked FA0.2
Author Checker



FIRE ALARM RISER DIAGRAM

1/8" = 1'-0"

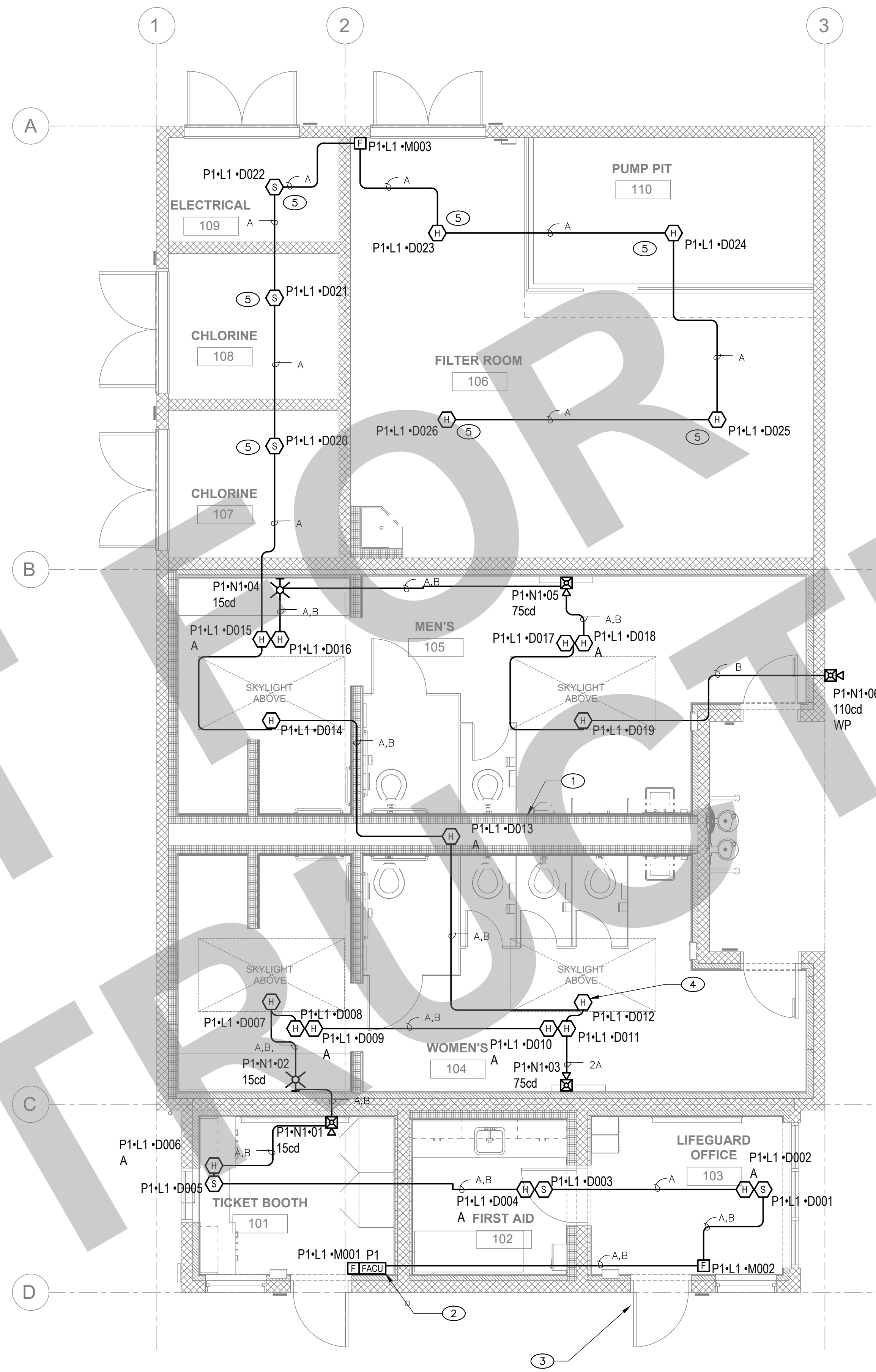
PANEL P1 (6700 SK) BATTERY CALCULATION							
		STANDBY CURRENT (AMPS)			SECONDARY ALARM CURRENT (AMPS)		
		CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)		
PANEL COMPONENTS	QTY	PART NO.	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
	1	6700	MAIN BOARD SK	0.165	0.165	0.31	0.31
	1		FIRE ALARM CONTROL PANEL MAIN BOARD SK PROTOCOL				
CIRCUIT	SYMBOL	QTY	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
P1-L1	(H)	8	SK-HEAT-HT-W ADDRESSABLE HEAT DETECTOR, FIXED TEMP	0.0002	0.0016	0.0045	0.036
	(H)	12	SK-HEAT-W ADDRESSABLE HEAT DETECTOR, FIXED TEMP	0.0002	0.0024	0.0045	0.054
	(S)	6	SK-PHOTO-W ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR	0.0002	0.0012	0.0045	0.027
P1-N1	(F)	3	SK-PULL-SA ADDRESSABLE MANUAL PULL STATION, SINGLE-ACTION	0.000375	0.001125	0.000375	0.001125
	(WP)	1	P2RK 2-Wire Horn Strobe, Standard od, Outdoor 110cd	0	0	0.212	0.212
	(PZRL)	1	P2RL 2-Wire, Horn Strobe, Red 15cd	0	0	0.054	0.054
		2	P2RL 2-Wire, Horn Strobe, Red 75cd	0	0	0.121	0.242
		2	SRL Strobe, Red 15cd	0	0	0.043	0.086
TOTAL STANDBY (A)				0.171325	0.171325	0.411	0.411
TOTAL ALARM (A)				0.08	0.08	0.09	0.09
SECONDARY STANDBY LOAD (A)				0.171325	0.171325	0.411	0.411
SECONDARY ALARM LOAD (A)				0.08	0.08	0.09	0.09
STANDBY AND ALARM SUBTOTAL (AMP HOURS)				4.2	4.2	1.25	1.25
DERATING FACTOR				1.25	1.25	5.25	5.25
SECONDARY LOAD REQUIREMENTS (AMP HOURS)				1.25	1.25	5.25	5.25
PROVIDE (2) 12V 7AH BATTERIES							
*BATTERY BOX SIZE CAPACITY NOT SPECIFIED. REFER TO MANUFACTURER DOCUMENTATION.							

P1 N1 LUMP SUM REPORT				CIRCUIT SETTINGS		TOTALS	
		Starting Calculation Voltage:	20.4	Max. Voltage Drop:	0.36		
		Min. Operational Voltage:	16	End Of Line Voltage:	20.04		
		Max. Circuit Current (A):	1	Voltage Drop Percent:	1.78 %		
		Wire Resistance (Ohm/Ft):	3.07	Total Circuit Current (A):	0.594		
		Total Circuit Length (Ft):	100	Spares Current (A):	0.466		
		Total Circuit Resistance (Ohm):	0.61099	Spare Current (A) Percent:	40.80 %		
DEVICE TOTALS	Symbol	Part No.	Description	Qty.	Device Current (A)	Total Current (A)	
	(SRL)	P2RK	Strobe, Red 15cd	2	0.043	0.086	
	(PZRL)	P2RL	2-Wire, Horn Strobe, Red 15cd	1	0.054	0.054	
	(PZRL)	P2RL	2-Wire, Horn Strobe, Red 75cd	2	0.121	0.242	
	(WP)	P2RK	2-Wire Horn Strobe, Standard od, Outdoor 110cd	1	0.212	0.212	

Calculation Methods:
 Total Resistance (Ohm) = Wire Resistance (Ohm/Ft) x 2 x Total Circuit Length (Ft)
 Total Voltage Drop = Total Resistance (Ohm) x Total Circuit Current (A)

FIRE ALARM BATTERY CALCULATIONS

1/8" = 1'-0"



FIRE ALARM FLOOR PLAN

1/4" = 1'-0"



GENERAL NOTES

- FILED VERIFY ALL EXISTING CONDITIONS. PRIOR TO ANY WORK, AND REPORT TO ENGINEERS ANY DISCREPANCIES.

KEY NOTES

- INSTALL DEVICE IN PLUMBING CHASE AND PROVIDE ACCESS PANEL PER DETAIL 8/FAO.2 SHEET FOR MAINTENANCE AND TESTING. COORDINATE LOCATION OF ACCESS PANEL WITH ALL TRADES PRIOR TO EXECUTION OF WORK.
- PROVIDE 120VAC POWER TO POWER THE NEW FACP. REFERENCE ELECTRICAL SHEET FOR DEDICATED CIRCUIT.
- PROVIDE A SIGN "FACP INSIDE" ON THE DOOR.
- MOUNT HEAT DETECTOR DEVICE ON THE INSIDE OF THE SKYLIGHT WELL (TYP.).
- PER NFPA 72, SECTION 17.5.3.1.2, DETECTORS SHALL NOT BE REQUIRED IN COMBUSTIBLE SPACE WHERE THE CEILING IS ATTACHED DIRECTLY TO THE UNDERSIDE OF THE SUPPORTING BEAMS.

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<input type="radio"/> BIDDING	
<input type="radio"/> CONSTRUCTION	

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CONSTRUCTION DOCUMENTS

AQUATIC FACILITIES
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**FIRE ALARM FLOOR PLAN,
 RISER & BATTERY CALCS**

Date	MM/DD/YYYY	Project Number	22009
Application Number	XX-XXXXXX	Drawing Number	FA2.01
Drawn	Checked	Author	Checker

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- CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
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STOCKTON, CA 95202

DESIGN DEVELOPMENT

AQUATIC FACILITIES
RENOVATION &
REPLACEMENT -
VICTORY PARK POOL CITY
PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

TITLE 24 COMPLIANCE

Date: MM/DD/YYYY
Project Number: 22009
Application Number: XX-XXXXX
Drawing Number: T24.1
Drawn: [Name]
Checked: [Name]

PRINT DATE: 7/14/2023 9:18:22 AM
FILE PATH: C:\Users\ashon\Documents\2007_Victory Park Pool_MEP-FS-Tab_02_1.dwg

Non-Regulated Energy Component	Standard Design (SOURCE)	Proposed Design (SOURCE)	Compliance Margin (SOURCE) ¹
Receptacle	2.69	2.69	---
Process	---	---	---
Other Ltg	2.58	2.58	---
Process Motors	---	---	---
TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS)	52.07	33.54	18.53 (35.6%)

Notes: This table is not used for Energy Code Compliance.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Report Version: 2022.0.000
Schema Version: rev 20220601
Report Generated: 2023-07-11 15:09:55
Compliance ID: EnergyPro-4955-0723-0094

Energy Component	Standard Design Site (MWh)	Proposed Design Site (MWh)	Margin (MWh)	Standard Design Site (MBtu)	Proposed Design Site (MBtu)	Margin (MBtu)
Space Heating	3.3	0.5	2.8	---	---	---
Space Cooling	2	1.9	0.1	---	---	---
Indoor Fans	7	5.9	1.1	---	---	---
Heat Rejection	---	---	---	---	---	---
Pumps & Misc.	---	---	---	---	---	---
Domestic Hot Water	0.1	2.7	-2.6	15.8	---	---
Indoor Lighting	1.4	1.3	0.1	---	---	---
Flexibility	---	---	---	---	---	---
EFFICIENCY COMPLIANCE TOTAL	13.8	12.3	1.5	15.8	0	15.8
Photovoltaics	-5.2	---	---	---	---	---
Batteries	0	---	---	---	---	---
ENERGY USE SUBTOTAL	8.6	12.3	-3.7	15.8	0	15.8
Receptacle	1.6	1.6	0	---	---	---
Process	---	---	---	---	---	---
Other Ltg	1.4	1.4	0	---	---	---
Process Motors	---	---	---	---	---	---
ENERGY USE TOTAL	11.6	15.3	-3.7	15.8	0	15.8

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Report Version: 2022.0.000
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Compliance ID: EnergyPro-4955-0723-0094

	Standard Design (kBtu/ft ² / yr)	Proposed Design (kBtu/ft ² / yr)	Margin (kBtu/ft ² / yr)	Margin Percentage
GROSS EUI ¹	38.55	27.52	11.03	28.61
NET EUI ¹	29.19	27.52	1.67	5.72

- D1. EXCEPTIONAL CONDITIONS
- The project uses the Simplified Geometry Performance Modeling Approach which is not capable of modeling daylighting controls and assumes the prescriptive Secondary Daylit Control requirements are met. PRESCRIPTIVE COMPLIANCE documentation (form NRCC-LTI-02-E) for the requirements of section 140.6(d) Automatic Daylighting Controls in Secondary Daylit Zones is required.
- The user model includes space(s) that are designed to be served by mechanical cooling systems, but the cooling systems were not included in the simulation model. A cooling system has been modeled for both the proposed and standard cases.
- The user model includes space(s) without sufficient cooling equipment. Cooling equipment has been added to the model to meet cooling loads.
- PV/Battery Building Type has been modified from software defaults for one or more spaces. Review project's PV/Battery Building Type(s) with documentation author. Refer to Energy Code section 140.10 for Nonresidential or 170.2(g) for more information.

01	02	03	04
Opaque Surfaces & Orientation	Total Gross Surface Area (ft ²)	Total Fenestration Area (ft ²)	Window to Wall Ratio (%)
North-Facing ¹	165	42	25.45
East-Facing ²	280	0	0
South-Facing ³	400	21	5.25

Notes:
¹North-Facing is oriented to within 45 degrees of true north, including 45 00'00" east of north (NE), but excluding 45 00'00" west of north (NW).
²East-Facing is oriented to within 45 degrees of true east, including 45 00'00" south of east (SE), but excluding 45 00'00" north of east (NE).
³South-Facing is oriented to within 45 degrees of true south, including 45 00'00" west of south (SW), but excluding 45 00'00" east of south (SE).
⁴West-Facing is oriented to within 45 degrees of true west, including 45 00'00" north of west (NW), but excluding 45 00'00" south of west (SW).

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Compliance ID: EnergyPro-4955-0723-0094

Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV) ¹
Space Heating	91.99	15.37	76.62
Space Cooling	89.39	66.63	22.76
Indoor Fans	193.68	156.24	37.44
Heat Rejection	0	0	0
Pumps & Misc.	0	0	0
Domestic Hot Water	39.39	63.23	-23.84
Indoor Lighting	31.64	29.59	2.05
Flexibility	---	---	---
EFFICIENCY COMPLIANCE TOTAL	446.09	331.06	115.03 (25.8%)
Photovoltaics	-95.95	---	-95.95
Batteries	-5.23	---	-5.23
TOTAL COMPLIANCE	344.91	331.06	13.85 (4%)

Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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Schema Version: rev 20220601
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Compliance ID: EnergyPro-4955-0723-0094

Non-Regulated Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV) ¹
Receptacle	36.34	36.34	---
Process	---	---	---
Other Ltg	32.94	32.94	---
Process Motors	---	---	---
TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS)	414.19	400.34	13.85 (3.3%)

Notes: This table is not used for Energy Code Compliance.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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Report Generated: 2023-07-11 15:09:55
Compliance ID: EnergyPro-4955-0723-0094

Energy Component	Standard Design (SOURCE)	Proposed Design (SOURCE)	Compliance Margin (SOURCE) ¹
Space Heating	12.72	2.29	10.43
Space Cooling	3.32	2.97	0.35
Indoor Fans	18.78	15.39	3.39
Heat Rejection	0	0	0
Pumps & Misc.	0	0	0
Domestic Hot Water	14	5.3	8.7
Indoor Lighting	2.48	2.32	0.16
Flexibility	---	---	---
EFFICIENCY COMPLIANCE TOTAL	51.3	28.27	23.03 (44.9%)
Photovoltaics	-3.42	---	-3.42
Batteries	-1.08	---	-1.08
TOTAL COMPLIANCE	46.8	28.27	18.53 (39.6%)

Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Report Version: 2022.0.000
Schema Version: rev 20220601
Report Generated: 2023-07-11 15:09:55
Compliance ID: EnergyPro-4955-0723-0094

1 Project Name	Victory Park Pool
2 Run Title	Title 24 Analysis
3 Project Location	1001 N Pershing Ave
4 City	Stockton
5 Standards Version	Compliance 2022
6 Zip code	95203
7 Compliance Software (version)	EnergyPro 9.1
8 Climate Zone	12
9 Building Orientation (deg)	90
10 Building Type(s)	Nonresidential
11 Weather File	STOCKTON_STYP20.epw
12 Project Scope	New complete scope
13 Number of Dwelling Units	0
14 Total Conditioned Floor Area in Scope (ft ²)	1060
15 Total # of hotel/motel rooms	0
16 Total Unconditioned Floor Area (ft ²)	837
17 Fuel Type	Natural gas
18 Nonresidential Conditioned Floor Area	1060
19 Total # of Stories (Habitable Above Grade)	1
20 Residential Conditioned Floor Area	0

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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Compliance ID: EnergyPro-4955-0723-0094

Building Components Complying via Performance				Building Components Complying Prescriptively			
Envelope (See Table G)	Nonres	Performance	Solar Thermal Water Heating (See Table I3)	<input type="checkbox"/>	Performance	The following building components are NOT eligible for prescriptive compliance and should be documented on the NRCC form listed if within the scope of the permit application (i.e. compliance will not be shown on the NRCC-PRF-E).	
	MultiFam	Not Included	<input type="checkbox"/>	Not Included	Indoor Lighting (Unconditioned) 140.6 & 170.2(e)	NRCC-LTI-E is required.	
Mechanical (See Table H)	Nonres	Performance	Covered Process: Commercial Kitchens (see Table J)	<input type="checkbox"/>	Performance	Indoor Lighting (Unconditioned) 140.6 & 170.2(e)	
	MultiFam	Not Included	<input type="checkbox"/>	Not Included	Outdoor Lighting 140.7 & 170.2(e)	NRCC-LTI-E is required.	
Domestic Hot Water (See Table I)	Nonres	Performance	Covered Process: Laboratory Exhaust (see Table J)	<input type="checkbox"/>	Performance	Sign Lighting 140.8 & 170.2(e)	
	MultiFam	Not Included	<input type="checkbox"/>	Not Included	Electrical Power Distribution 110.11	NRCC-LTS-E is required.	
Lighting (Indoor Conditioned, see Table K)	Nonres	Performance	Photovoltaics (see Table F)	<input type="checkbox"/>	Performance	Electrical power systems, commissioning, solar ready, elevator and escalator requirements are mandatory and should be documented on the NRCC form listed if applicable (i.e. compliance will not be shown on the NRCC-PRF-E).	
	MultiFam	Not Included	<input type="checkbox"/>	Not Included	Electrical Power Distribution 110.11	NRCC-ELC-E is required.	
			Battery (see Table F)	<input type="checkbox"/>	Performance	Commissioning 120.8	
			<input type="checkbox"/>	Not Included	Solar and Battery 110.10	NRCC-SAB-E is required.	

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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Compliance ID: EnergyPro-4955-0723-0094

	COMPLIES ²		
	Time Dependent Valuation (TDV)		Source Energy Use
	Efficiency ³ (kBtu/ft ² - yr)	Total ² (kBtu/ft ² - yr)	Total ² (kBtu/ft ² - yr)
Standard Design	446.09	344.91	46.8
Proposed Design	331.06	331.06	28.27
Compliance Margins	115.03	13.85	18.53
	Pass	Pass	Pass

¹ Efficiency measures include improvements like a better building envelope and more efficient equipment
² Compliance Totals include efficiency, photovoltaics and batteries
³ Building complies when efficiency and total compliance margins are greater than or equal to zero and unmet load hour limits are not exceeded

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Report Version: 2022.0.000
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Report Generated: 2023-07-11 15:09:55
Compliance ID: EnergyPro-4955-0723-0094

SHEET NUMBER	SHEET NAME
T24.1	TITLE 24 COMPLIANCE
T24.2	TITLE 24 COMPLIANCE
T24.3	TITLE 24 COMPLIANCE
T24.4	TITLE 24 COMPLIANCE

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APPROVAL STAMP



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MEP & FS / Sustainability / CxA
1209 Pleasant Grove Blvd.
Roseville, CA 95678
p 916-771-0778
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Job #: 22-2007

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Table with 3 columns: NO., REMARKS, DATE

- REVISION HISTORY
DRAWING STATUSES
PLAN CHECK
BACK CHECK
BIDDING
CONSTRUCTION

KEY PLAN

CITY OF STOCKTON
425 N EL DORADO STREET
STOCKTON, CA 95202

DESIGN DEVELOPMENT

AQUATIC FACILITIES
RENOVATION &
REPLACEMENT -
VICTORY PARK POOL CITY
PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

TITLE 24 COMPLIANCE

Date: MM/DD/YYYY
Project Number: 22009
Application Number: XX-XXXXX
Drawing Number: T24.2
Drawn: Checked
Author: Checker

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD (Page 10 of 21)

G1. ENVELOPE GENERAL INFORMATION (conditioned spaces only)
Table with 4 columns: 01, 02, 03, 04
Rows: Opaque Surfaces & Orientation, West-Facing, Total, Roof

G4. NONRESIDENTIAL AIR BARRIER
Table with 2 columns: 01, 02
Rows: Building Story Name, Air Barrier

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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD (Page 11 of 21)

G5. OPAQUE SURFACE ASSEMBLY SUMMARY
Table with 10 columns: 01-10
Rows: Slab On Grade15, 8 CMU Wall w/ R-1917, R-30 Roof No Attic23

G6A. OPAQUE DOOR SUMMARY (NONRESIDENTIAL)
Table with 4 columns: 01, 02, 03, 04
Rows: Assembly Name, Area (ft²), Overall U-factor, Status

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD (Page 12 of 21)

G7A. FENESTRATION ASSEMBLY SUMMARY (NONRESIDENTIAL)
Table with 9 columns: 01-09
Rows: Fenestration Assembly Name, Fenestration Type/Product Type/Frame Type, Certification Method, Assembly Method, Area (ft²), Overall U-factor, Overall SHGC, Overall VT, Status

G8. OVERHANG DETAILS
Table with 7 columns: 01-07
Rows: Fenestration Tag/ID, Azimuth, Depth (ft), Height from Top of Sill to Overhang (ft), Right Extent (ft), Left Extent (ft), Flap Height

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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD (Page 13 of 21)

H1. DRY SYSTEM EQUIPMENT (FURNACES, AIR HANDLING UNITS, HEAT PUMPS, VRF, ECONOMIZERS ETC.)
Table with 12 columns: 01-12
Rows: Equipment Name, Equipment Type, Qty, Heating (Total Heating Output, Supp Heat Output, Efficiency Unit, Efficiency), Cooling (Total Cooling Output, Efficiency Unit, Efficiency), Economizer Type (if present), Status

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H3. NONRESIDENTIAL / COMMON USE AREA FAN SYSTEMS SUMMARY

Table with 13 columns: 01-13
Rows: Name or Item Tag, Qty, Design OA CFM, Supply Fan (CFM, Power, Power Units, Control), Return / Relief Fan (CFM, Power, Power Units, Control), Status

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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD (Page 14 of 21)

H5. GENERAL EXHAUST FAN SUMMARY
Table with 8 columns: 01-08
Rows: System ID, Zone Name, Qty, CFM, Power, Power Units, Continuous Operation?, Status

H8. SYSTEM SPECIAL FEATURES
Table with 4 columns: 01-04
Rows: System Name, Equipment Type, Interlocks per 140.4(n)3, Other Special Features and Controls

H9. NONRESIDENTIAL / COMMON USE AREA & HOTEL/MOTEL VENTILATION
Table with 7 columns: 01-07
Rows: Zone Name, Ventilation Function, # of People, Mechanical Ventilation (Supply OA CFM, Exhaust CFM), Conditioned Area (sf), DCV or Occupant Sensor Controls, or Both

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD (Page 15 of 21)

H11. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY
Table with 12 columns: 01-12
Rows: System ID, System Type, Qty, Rated Capacity (kBtu/h) (Heating, Cooling), Airflow (cfm) (Design, Min., Min. Ratio), Fan (Power, Power Units, Cycles), VSD

I1. WATER HEATER EQUIPMENT SUMMARY
Table with 14 columns: 01-14
Rows: Name, Heater Element Type, Tank Type, Qty, Tank Vol (gal), Rated Input, Rated Input Unit, Efficiency, Efficiency Unit, Tank Insulation R-value Int/Ext, Standby Loss Fraction, 1st Hc Rating or Flow Rate (gall), Heat Pump Type, Tank Location or Ambient Condition

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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD (Page 16 of 21)

K1. INDOOR CONDITIONED LIGHTING GENERAL INFO
Table with 6 columns: 01-06
Rows: Occupancy Type, Conditioned Floor Area (ft²), Installed Lighting Power (Watts), Lighting Control Credits (Watts), Additional (Custom) Allowance (Area Category Footnotes, Area Category Footnotes (Watts))

K2. INDOOR CONDITIONED LIGHTING SCHEDULE
Table with 6 columns: 01-06
Rows: Name or Item Tag, Complete Luminaire Description (i.e. 3-lamp fluorescent troffer, F32T8, one dimmable electronic ballast), Watts per luminaire, How is Wattage determined, Total Number of Luminaires, Installed Watts

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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD (Page 17 of 21)

K3. INDOOR CONDITIONED LIGHTING CONTROL CREDITS
Table with 9 columns: 01-09
Rows: Area Description, Primary Function Area (must meet requirements of Table 140.6-A and 170.2-L), Type of Lighting Control, Power Adjustment Factor (PAF), Luminaire Item Tag, Watts per Luminaire, # of Luminaires, Lighting Controlled (Watts), Control Credit (Watts)

K4. INDOOR CONDITIONED LIGHTING MANDATORY LIGHTING CONTROL
Table with 9 columns: 01-09
Rows: Area Description, Area Category Primary Function Area, Area Controls 130.1(a) & 160.5(b)4A, Multi-Level Controls 130.1(b) & 160.5(b)4B, Shut-Off Controls 130.1(c) & 160.5(b)4C, Primary Daylighting 130.1(d) & 160.5(b)4D, Secondary Daylighting 140.5(d) & 160.5(b)4D

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD (Page 18 of 21)

Table with 6 columns: 01-06
Rows: Office, Restrooms, Chlorine Rooms, Electrical Room, Custodial Room, Pump/Filtration Room

L. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Table with 2 columns: Building Component, Form/Title

M. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
Table with 2 columns: Building Component, Form/Title

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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Compliance ID: EnergyPro-4955-0723-0094

PRINT DATE: 7/14/2023 9:18:22 AM
FILE PATH: C:\Users\ashon\Documents\2022\2007_Victory Park Pool_MEP+FA+Tab_01_sdf\m01.rvt

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APPROVAL STAMP



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REVISION HISTORY

Table with columns: NO., REMARKS, DATE

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KEY PLAN

CITY OF STOCKTON
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DESIGN DEVELOPMENT

AQUATIC FACILITIES
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1201 N PERSHING AVE
STOCKTON, CA 95203

TITLE 24 COMPLIANCE

Date MM/DD/YYYY
Application Number XX-XXXXX
Drawing Number T24.3
Project Number 22009
Author Checked
Checker

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD
Nonresidential Performance Compliance Method
M. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
N. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD
Nonresidential Performance Compliance Method

Documentation Author's Declaration Statement
I, I certify that this Certificate of Compliance documentation is accurate and complete.

Responsible Person's Declaration Statement
I certify the following under penalty of perjury, under the laws of the State of California:

Responsible Designer Name: Brian Whitmore
Company: Studio W Architects
Address: 1930 H Street

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Report Version: 2022.0.000
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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD
Nonresidential Performance Compliance Method

Responsible Designer Name: Jason DeDora
Company: LP Consulting Engineers
Address: 1209 Pleasant Grove Blvd

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Report Version: 2022.0.000
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CERTIFICATE OF COMPLIANCE
Outdoor Lighting
This document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)(2) for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies.

A. GENERAL INFORMATION
01 Project Location (city) Stockton
02 Climate Zone 12
03 Outdoor Lighting Zone per Title 24 Part 1 10.1.14 or as designated by Authority Having Jurisdiction (AHJ):

B. PROJECT SCOPE
This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)(6) or 141.0(b)(2) / 180.2(b)(4B) for alterations.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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CERTIFICATE OF COMPLIANCE
Outdoor Lighting
This document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)(2) for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies.

C. COMPLIANCE RESULTS
Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)(6) or 141.0(b)(2) / 180.2(b)(4B)
Compliance Results

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

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

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CERTIFICATE OF COMPLIANCE
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F. OUTDOOR LIGHTING FIXTURE SCHEDULE
For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)(6) all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below.

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
EX: Luminaires lighting a statue; EXCEPTION 2 to 130.2(b)
**NOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b)

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

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H. OUTDOOR LIGHTING CONTROLS
This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouché) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.

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Outdoor Lighting
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I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))
This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardscape Allowance is per Table 140.7-A/ Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B / Table 170.2-S.

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

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

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

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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CERTIFICATE OF COMPLIANCE
Outdoor Lighting
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M. LIGHTING ALLOWANCE: PER SPECIFIC AREA
This section does not apply to this project.

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

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Form/Title

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
Form/Title

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Report Version: 2022.0.000
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REVISION HISTORY table with columns: NO., REMARKS, DATE

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KEY PLAN

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DESIGN DEVELOPMENT

AQUATIC FACILITIES
RENOVATION &
REPLACEMENT -
VICTORY PARK POOL CITY
PROJECT NO. CR18020
1201 N PERSHING AVE
STOCKTON, CA 95203

TITLE 24 COMPLIANCE

Date: MM/DD/YYYY
Application Number: XX-XXXXXX
Drawing Number: T24.4
Drawn: Author
Checked: Checker
Project Number: 22009
Drawing Number: T24.4

STATE OF CALIFORNIA
CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System
CERTIFICATE OF COMPLIANCE NRCC-PLB-E
Project Name: Victory Park Pool Report Page: (Page 7 of 7)
Project Address: 1001 N Pershing Ave Date Prepared: 7/11/2023

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.
Responsible Person's Declaration Statement
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
Documentation Software: EnergyPro
Compliance ID: EnergyPro-4955-0723-0465
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STATE OF CALIFORNIA
CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System
CERTIFICATE OF COMPLIANCE NRCC-PLB-E
Project Name: Victory Park Pool Report Page: (Page 1 of 7)
Project Address: 1001 N Pershing Ave Date Prepared: 7/11/2023

A. GENERAL INFORMATION
01 Project Location (city): Stockton
02 Climate Zone: 12
03 Occupancy Types Within Project (select all that apply):
 Office Support Areas

B. PROJECT SCOPE
This table includes domestic water heating systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in 140.1, 140.2(d) and 141.0(a) / 180.1, or 141.0(b)(2) / 180.2 for additions and 180.2 for alterations.
My project consists of (check all that apply):
 New system (DHW system being installed for the first time in newly constructed building)
 System Alteration (equipment, distribution or controls)

Table C. COMPLIANCE RESULTS
Table C will indicate if the project data input into the compliance document is compliant with water heating requirements. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, or the table indicated as not compliant, for alterations.
01 Domestic Hot Water Equipment: Yes
02 Distribution Systems: Yes
03 Controls: Yes
04 Compliance Results: COMPLIES

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

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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STATE OF CALIFORNIA
CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System
CERTIFICATE OF COMPLIANCE NRCC-PLB-E
Project Name: Victory Park Pool Report Page: (Page 2 of 7)
Project Address: 1001 N Pershing Ave Date Prepared: 7/11/2023

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

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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STATE OF CALIFORNIA
CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System
CERTIFICATE OF COMPLIANCE NRCC-PLB-E
Project Name: Victory Park Pool Report Page: (Page 3 of 7)
Project Address: 1001 N Pershing Ave Date Prepared: 7/11/2023

F. DOMESTIC HOT WATER EQUIPMENT
This table is used to demonstrate compliance with mandatory equipment requirements in 110.1 and 110.3. Compliance with prescriptive requirements in 140.5(c) / 170.2(d) must also be demonstrated and with 141.0 / 180.1 / 180.2 for addition and alteration scopes.
Equipment Schedule: Water Heating Efficiency and Standby Loss
Table with columns: System Name, Exception to 140.5(c) / 170.2(d), Capacity-weighted Average Efficiency %, Standby Loss, etc.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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STATE OF CALIFORNIA
CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System
CERTIFICATE OF COMPLIANCE NRCC-PLB-E
Project Name: Victory Park Pool Report Page: (Page 4 of 7)
Project Address: 1001 N Pershing Ave Date Prepared: 7/11/2023

G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM
This table is used to demonstrate compliance for nonresidential occupancies with distribution requirements in 120.3 and 140.5. For multifamily and hotel/motel occupancies, compliance is demonstrated with requirements 110.3(c), 160.4, 170.2(d).
Mandatory Pipe Insulation All Occupancies
Table with columns: Fluid Temperature Range (°F), Conductivity Range (BTU-in per hour per ft² per °F), Insulation Mean Rating Temp (°F), Nominal Pipe Diameter (in), Minimum Insulation Required.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
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STATE OF CALIFORNIA
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CERTIFICATE OF COMPLIANCE NRCC-PLB-E
Project Name: Victory Park Pool Report Page: (Page 5 of 7)
Project Address: 1001 N Pershing Ave Date Prepared: 7/11/2023

H. DOMESTIC HOT WATER CONTROLS
This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d).
Table with columns: Requirement, Yes, No, Not Applicable.

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

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
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STATE OF CALIFORNIA
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Domestic Water Heating System
CERTIFICATE OF COMPLIANCE NRCC-PLB-E
Project Name: Victory Park Pool Report Page: (Page 6 of 7)
Project Address: 1001 N Pershing Ave Date Prepared: 7/11/2023

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

K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION
There are no forms required for this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.
Responsible Person's Declaration Statement
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

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