

HONEYBEE POOL RENOVATION



BERKELEY

2600 TENTH STREET, SUITE 700
BERKELEY, CA 94710-2597
510-450-1999 P

Approved: *Vanessa Garrett* 3/10/2023
Vanessa Garrett
City Engineer

CITY OF ROHNERT PARK

1170 GOLF COURSE DRIVE, ROHNERT PARK CA 94928

GENERAL NOTES

PROJECT TEAM

- THESE DRAWINGS DO NOT CONTAIN THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
- 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 HEREON 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.
- THESE DOCUMENTS AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, ARE THE PROPERTY OF WLC ARCHITECTS, INC. AND ARE NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WLC ARCHITECTS, INC.
- THE WORK SHOWN ON THESE DRAWINGS AS EXISTING CONDITIONS WAS PREPARED FROM INFORMATION FURNISHED BY THE OWNER. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, WLC ARCHITECTS, INC. IS NOT RESPONSIBLE FOR THE ACCURACY OR ADEQUACY OF ANY WORK SHOWN AS EXISTING NOR IS WLC ARCHITECTS, INC. RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THESE DRAWINGS AS A RESULT.
- EACH BIDDER SHALL POSSESS AT THE TIME OF BID A CLASS B OR THE APPROPRIATE CLASS C CONTRACTORS 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.
- FIRE SAFETY DURING CONSTRUCTION
 - GENERAL: FIRE SAFETY DURING CONSTRUCTION SHALL COMPLY WITH CALIFORNIA FIRE CODE (CFC) CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 9, CHAPTER 5 AND CHAPTER 33.
 - ACCESS ROADS: FIRE DEPARTMENT ACCESS ROADS SHALL BE ESTABLISHED AND MAINTAINED IN ACCORDANCE WITH CHAPTER 5, SECTION 501.4 AND CHAPTER 33, SECTION 3310.
 - WATER SUPPLY: WATER MAINS AND HYDRANTS SHALL BE OPERATIONAL IN ACCORDANCE WITH CHAPTER 5, SECTION 501.4 AND CHAPTER 33, SECTION 3312.
 - 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.
 - ALTERATIONS OF BUILDINGS: SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 33.
 - DEMOLITION OF BUILDINGS: SHALL COMPLY APPLICABLE PROVISIONS OF CHAPTER 33.
- PENETRATIONS TO 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.
- NONRESIDENTIAL ENERGY STANDARDS COMPLIANCE STATEMENT (TITLE 24, PART 6):

THE DESIGN INDICATED HEREIN COMPLIES WITH THE REQUIREMENTS OF THE ENERGY CONSERVATION STANDARDS OF TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS. THE PROPOSED BUILDING(S) WILL BE IN COMPLIANCE WITH THE ENERGY CONSERVATION STANDARDS PROVIDED IT (THEY) IS (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 PLANS 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 PLANS.
- ENVELOPE MANDATORY MEASURES:
 - INSTALLED INSULATING MATERIALS SHALL HAVE BEEN CERTIFIED BY THE MANUFACTURER TO COMPLY WITH THE CALIFORNIA QUALITY STANDARDS FOR INSULATING MATERIAL.
 - ALL INSULATING MATERIALS SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME SPREAD RATING AND SMOKE DENSITY REQUIREMENTS OF TITLE 24, PART 2, CALIFORNIA CODE OF REGULATIONS, SECTIONS 720 AND 2603.
 - 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.
 - 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).

GOVERNING AGENCY

SONOMA COUNTY DEPARTMENT OF HEALTH SERVICES
625 5TH ST
SANTA ROSA, CA 95404
TEL: 707-565-6565

CITY OF ROHNERT PARK BUILDING DEPARTMENT
130 AVRAM AVE.
ROHNERT PARK, CA 94298
TEL: 707-588-2240

PROJECT INFORMATION

| BLDG. # | OCCUPANCY | # OF FLRS | CONST. TYPE | FIRE SPRINKLERED |
|--------------|-----------------|-----------|-------------|------------------|
| POOL | A3 | - | - | |
| TOILETS | B | 1 | VB | N/A |
| CONCESSION | B | 1 | VB | N/A |
| A.P. NO. | 143-280-42 & 62 | | | |
| ZONING | AG | | | |
| SEISMIC ZONE | 4 | | | |

- CONTRACTOR IS RESPONSIBLE FOR PRESERVATION AND/OR PERPETUATION OF ALL EXISTING SURVEY MONUMENTS (CURB TAGS, IRON PIPES, CENTERLINE WELL DISKS, ETC.). IF THE CONTRACTOR SUSPECTS THAT WORK WILL BE CONDUCTED IN AN AREA WHICH MAY RESULT IN THE DISTURBANCE OF SURVEY MONUMENTS, THE CONTRACTOR SHALL RETAIN THE SERVICES OF A LICENSED PROFESSIONAL AUTHORIZED TO PRACTICE LAND SURVEYING TO LOCATE SAID MONUMENTS PRIOR TO DISTURBANCE. RE-ESTABLISH MONUMENTS WHICH HAVE BEEN DISTURBED AS A RESULT OF CONSTRUCTION AND FILE THE APPROPRIATE DOCUMENTATION WITH THE COUNTY ONCE THE MONUMENTS ARE REST. THE CONTRACTOR SHALL PROVIDE THE CITY WITH A MONUMENT CERTIFICATION LETTER FROM THE ENGINEER/SURVEYORS STATING THAT THE EXISTING MONUMENTS HAVE BEEN IDENTIFIED AND LOCATED PRIOR TO REMOVAL.
- CONSTRUCTION HOURS SHALL BE LIMITED FROM 8 AM TO 6 PM MONDAY THROUGH FRIDAY, EXCLUDING HOLIDAYS. THIS RESTRICTIONS INCLUDES THE START UP OF ANY MOTORIZED EQUIPMENT. ALL CONTRACTOR EQUIPMENT SHALL BE PROPERLY MUFFLED AND SHALL BE SHUT DOWN WHEN NOT IN USE.
- A NOTICE OF INTENT TO COMPLY WITH THE TERMS OF THE GENERAL PERMIT TO DISCHARGE STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY MUST BE FILED WITH THE NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD PRIOR TO THE ISSUANCE OF ANY GRADING PERMIT (CALL (707)576-2220 FOR INFORMATION).
- DUST CONTROL SHALL BE PROVIDED BY CONTRACTOR DURING ALL PHASES OF CONSTRUCTION.
- DRAINAGE FROM UPSTREAM PROPERTIES SHALL NOT BE BLOCKED BY GRADING OR CONSTRUCTION OF IMPROVEMENTS.
- DEVELOPMENT MUST CONFORM TO 40 CFR (CODE OF FEDERAL REGULATIONS) PARTS 122, 123, AND 124 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT APPLICATIONS FOR STORM WATER DISCHARGE. PROJECT MUST ALSO CONFORM WITH ANY DESIGN AND CONSTRUCTION POLICIES ADOPTED BY THE CITY TO CONFORM WITH THESE REGULATIONS. THESE ACTIVITIES REQUIRE OBTAINING AN NPDES PERMIT FROM THE STATE WATER RESOURCE CONTROL BOARD TO PROJECTS WHICH QUALIFY. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITY.
- PRIOR TO ANY GRADING OPERATION THE GRADING CONTRACTOR AND THE PROJECT GEOTECHNICAL ENGINEER SHALL JOINTLY SEARCH THE SITE FOR EXISTING WELLS AND SEPTIC SYSTEMS. PROJECT SHALL NOTIFY THE CITY OF FINDINGS.
- ANY EXISTING UTILITIES THAT WILL NOT BE USED OR ARE DISCOVERED ON SITE MUST BE ABANDONED AND MUST BE SHOWN ON THE IMPROVEMENT PLANS WITH APPROPRIATE NOTATIONS, PER CITY STANDARD. LATERALS MUST BE ABANDONED TO THE MAIN.
- WHERE THE STREET SURFACE IS LESS THAN 5 YEARS OLD, INSTALLATION OF UTILITIES OTHER THAN OPEN CUTTING SHALL BE REQUIRED.
- THE CONTRACTOR SHALL KEEP THE SWPPP DOCUMENTS ON SITE AT ALL TIMES DURING THE PROJECT.
- EXISTING SEWER LATERALS SHALL BE INSPECTED AND TESTED AS REQUIRED IN THE MUNICIPAL CODE. CONDITIONS OF APPROVAL OR AS DIRECTED BY THE CITY ENGINEER. SEWER LATERALS WHICH FALL TO MEET MINIMUM STANDARDS OF GREATER THAN 5 YEARS OLD SHALL BE REPAIRED OR REPLACED.

GOVERNING CODES

2019 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE
2019 CALIFORNIA BUILDING CODE (CBC)
2019 CALIFORNIA ELECTRICAL CODE (CEC)
2019 CALIFORNIA MECHANICAL CODE (CMC)
2019 CALIFORNIA PLUMBING CODE (CPC)
2019 CALIFORNIA ENERGY CODE
2019 CALIFORNIA FIRE CODE (CFC)
2019 CALIFORNIA REFERENCED STANDARDS CODE

(2018 INTERNATIONAL BUILDING CODE (IBC) W/ CA AMENDMENTS)
(2017 NATIONAL ELECTRIC CODE W/ CA AMENDMENTS)
(2018 UNIFORM MECHANICAL CODE (UMC) W/ CA AMENDMENTS)
(2018 UNIFORM PLUMBING CODE (UPC) W/ CA AMENDMENTS)
1990 STATE FIRE MARSHAL REGULATIONS (AS AMENDED TO DATE)
2019 CALIFORNIA GREEN CODE
CITY OF ROHNERT PARK MUNICIPAL CODE

2010 AMERICANS WITH DISABILITY ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN (ADAS)
(2018 INTERNATIONAL FIRE CODE (IFC) W/ CALIFORNIA AMENDMENTS)

APPLICABLE NFPA, UL AND ICC STANDARDS

- NFPA 17 - DRY CHEMICAL EXTINGUISHING SYSTEMS, 2017 EDITION
- NFPA 17A - WET CHEMICAL SYSTEMS, 2017 EDITION
- NFPA 72 - NATIONAL FIRE ALARM CODE, 2016 EDITION
- NFPA 80 - FIRE DOORS AND OTHER OPENING PROTECTIVES, 2016 EDITION
- NFPA 92 - STANDARD FOR SMOKE CONTROL SYSTEMS, 2015 EDITION
- NFPA 253 - CRITICAL RADIANT FLUX OF FLOOR COVERINGS, 2015 EDITION
- NFPA 2001 - CLEAN AGENT FIRE EXTINGUISHING SYSTEMS, 2015 EDITION
- ICC 300 - ICC STANDARDS FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS, 2017 EDITION
- UL 300 - FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL RESTAURANT COOKING AREAS, 2005 EDITION W/ REVISIONS THRU 2014
- UL 464 - AUDIBLE SIGNAL APPLIANCES, 2003 EDITION
- UL 521 - HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS, 1999 EDITION W/ REVISIONS THRU JULY 30, 2005

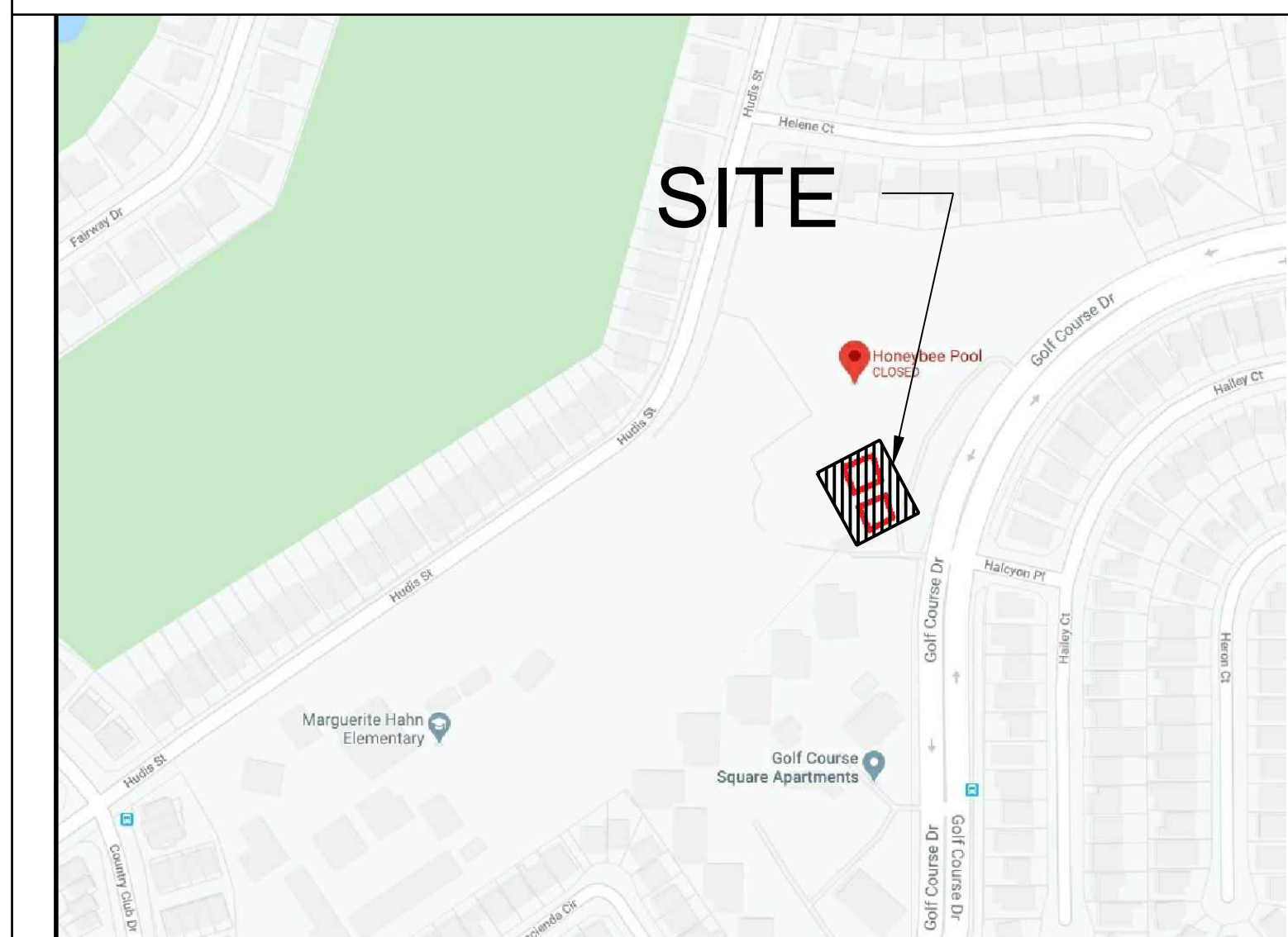
NOTE: ALL NFPA STANDARDS AS LISTED ARE TO CONFORM TO THE EDITION AS LISTED WITH THE LATEST CALIFORNIA AMENDMENTS. REFERENCE THE 2019 CBC, TITLE 24, PART 2 - CHAPTER 35 FOR ADDITIONAL APPLICABLE NFPA, UL STANDARDS AND ANY CALIFORNIA AMENDMENTS TO NFPA STANDARDS.

SCOPE OF WORK DESCRIPTION

THE SCOPE OF THE WORK AS STATED BELOW IS FOR CITY PLAN REVIEW PURPOSES ONLY AND DOES NOT CONSTITUTE A DETAILED AND FULL EXPLANATION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

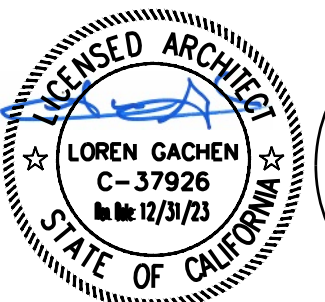
RENOVATION OF THE EXISTING HONEYBEE POOL. WORK INCLUDES BUT NOT LIMITED TO THE FOLLOWING: POOL PLASTER REFINISHING, ADA ACCESS TO POOL STAIRS, POOL DECK CRACKING AND SPALLING REPAIRS, CHEMICAL CONTROLLER FLOW INTERCONNECT, REMOVAL OF EXISTING WADING POOL AND BACK FILL FINISHED WITH CONCRETE PAVING, REPLACE PAIR GATES, PATH OF TRAVEL REPAIR FROM THE ACCESSIBLE PARKING STALLS TO THE SIDEWALK APPROACH TO THE RESTROOMS AND CONCESSION, REMOVE AND REPLACE THE SCREENS OUT SIDE BOTH RESTROOMS, TO MAINTAIN ADA CLEARANCE APPROACH TO THE RESTROOMS, REPLACE SIDINGS, STUDDS AND FASCIA DRY ROT REPAIRS, EXTERIOR PAINT REPLACE INTERIOR WOOD STUD FRAMING DUE TO ADA NEW PLUMBING FIXTURE CONFIGURATION, REPLACE SINK AND COUNTERTOP REPLACE DOORS AND DOOR FRAMES, INTERIOR PAINT, AND INSTALLATION OF EPOXY FLOOR, FIBER REINFORCED PANELS, PORCELAIN WALL TILES, TOILET PARTITIONS, REPLACE CONCRETE SLAB AS REQUIRED FOR NEW SEWER AND WATER CONNECTION TO PLUMBING FIXTURES AT BOTH RESTROOMS. INSTALL PLASTIC LAMINATED COUNTER AT THE CONCESSION BUILDING, INSTALL SLIDING WINDOW IN FRONT OF THE STEEL ROLL-UP WINDOW, REMOVE SINK AND COUNTER, REPLACE SINK WITH ADA COMPLIANT SINK AND BASE CABINET, UPPER CABINETS, REPLACE DUTCH DOOR, ELECTRICAL, MECHANICAL EXHAUST FAN AND PLUMBING UPGRADES AT RESTROOMS AND CONCESSION BUILDING, MOVE ADA LIFT TO THE OTHER SIDE BY THE LIFE GUARD STAND, AND REPLACE PERIMETER FENCE, POST & GATES.

VICINITY MAP



HONEYBEE POOL RENOVATION

CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



CONSULTANT

3/8/2023 CONFORMED SET
APPROVED FOR CONSTRUCTION

VANESSA GARRETT P.E. C684141
CITY ENGINEER

REVISION SCHEDULE

| NO. | DATE | BY | DESCRIPTION |
|-----|------------|----|--------------------|
| 1 | 11/03/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |

DRAWN: CHECKED:

DATE: 02/25/2022 SCALE:

PROJECT NUMBER: 2010200

GENERAL NOTES
& PROJECT
DIRECTORY

DRAWING NUMBER: A0.1

DRAWING INDEX

DRAWING INDEX CODE



BERKELEY
2600 TENTH STREET, SUITE 700
BERKELEY, CA 94710-2597
510-450-1999 P

| DRAWING REF NO | DESCRIPTION | DRAWING REF NO | DESCRIPTION | DRAWING REF NO | DESCRIPTION | DRAWING REF NO | DESCRIPTION |
|----------------|--|----------------|--|----------------|---|----------------|-------------|
| | GENERAL | | STRUCTURAL | | AQUATIC | | |
| A0.1 | GENERAL NOTES / PROJECT DIRECTORY | S1.0 | SYMBOLS & ABBREVIATIONS | DP-1 | SWIMMING POOL / WADING POOL DEMOLITION PLAN | | |
| A0.2 | DRAWING INDEX | S1.1 | GENERAL NOTES | SP-1 | SWIMMING POOL LAYOUT PLAN | | |
| A0.3 | DRAFTING SYMBOLS AND MATERIAL INDICATIONS | S2.0 | FOUNDATION & ROOF PLANS | SP-2 | SWIMMING POOL SECTIONS | | |
| A0.4 | ARCHITECTURAL DRAWING ABBREVIATIONS | S5.0 | TYPICAL CONCRETE DETAILS | SP-3 | DETAILS | | |
| A0.5 | CODE ANALYSIS | S5.1 | CONCRETE DETAILS | SP-4 | DETAILS | | |
| A0.6 | SITE ACCESSIBILITY PLAN | S8.0 | WOOD DETAILS | | | | |
| A0.7 | FENCING PLAN | S8.1 | FRAMING DETAILS | | | | |
| | ARCHITECTURAL | | MECHANICAL | | CA GREEN BUILDING STANDARDS CODE | | |
| A1.0 | SITE PLAN | M0.1 | MECHANICAL GENERAL NOTES AND LEGEND | GBS-01 | CA GREEN BUILDING STANDARDS CODE | | |
| A2.1 | DEMO & FLOOR PLAN | M2.0 | MECHANICAL FLOOR PLAN - DEMO & NEW | GBS-02 | CA GREEN BUILDING STANDARDS CODE | | |
| A2.2 | SLAB PLAN | M3.0 | MECHANICAL ROOF PLAN | GBS-03 | CA GREEN BUILDING STANDARDS CODE | | |
| A3.1 | DEMO RCP AND NEW RCP PLAN | M6.1 | MECHANICAL DETAILS | | | | |
| A4.1 | EXISTING ROOF PLAN AND NEW ROOF PLAN | | | | | | |
| A5.1 | EXTERIOR ELEVATIONS | | | | | | |
| A7.1 | INTERIOR ELEVATIONS | | | | | | |
| A7.2 | INTERIOR ELEVATIONS | | PLUMBING | | | | |
| A8.1 | ROOM FINISH SCHEDULE AND DOOR AND FRAME SCHEDULE | P0.1 | PLUMBING NOTES AND LEGEND | | | | |
| | | PD2.0 | PLUMBING DEMO FLOOR PLANS | | | | |
| | | P2.0 | PLUMBING PROPOSED FLOOR PLANS | | | | |
| | DETAILS | P6.0 | PLUMBING DETAILS | | | | |
| 2.1 | SITE DETAILS | | | | | | |
| 6.1 | CASEWORK & MISCELLANEOUS DETAILS | | ELECTRICAL | | | | |
| 6.2 | CASEWORK & MISCELLANEOUS DETAILS | E0.1 | ELECTRICAL GENERAL NOTES & LEGENDS | | | | |
| 7.1 | THERMAL AND MOISTURE PROTECTION | E2.0 | ELECTRICAL FLOOR PLAN - DEMO & REMODEL | | | | |
| 8.1 | WINDOW / DOOR DETAILS | E2.1 | LIGHT FLOOR PLAN - DEMO & REMODEL | | | | |
| 9.3 | SUSPENDED CEILING DETAILS | | | | | | |
| 10.1 | SPECIALTY DETAILS AND SCHEDULES | | | | | | |
| 10.2 | SPECIALTY DETAILS AND SCHEDULES | | | | | | |
| | CIVIL | | | | | | |
| C1.0 | COVER SHEET | | | | | | |
| C1.1 | NOTES | | | | | | |
| C2.0 | DEMOLITION PLAN | | | | | | |
| C3.0 | GRADING AND DRAINAGE PLAN | | | | | | |
| C3.1 | PAVEMENT PLAN | | | | | | |
| C4.0 | UTILITY PLAN | | | | | | |
| C5.0 | EROSION CONTROL PLAN | | | | | | |
| C5.1 | EROSION CONTROL DETAILS | | | | | | |
| C6.0 | DETAILS | | | | | | |
| C6.1 | DETAILS | | | | | | |

- DRAWING DISCIPLINE PREFIX INDEX**
- A. ARCHITECTURAL
 - C. CIVIL
 - D. INTERIOR DESIGN / FURNITURE
 - E. ELECTRICAL
 - F. FIRE PROTECTION / SPRINKLER SYSTEM
 - G. GRAPHICS
 - H. HAZARDOUS MATERIALS
 - K. DIETARY / FOOD SERVICE
 - L. LANDSCAPING
 - M. MECHANICAL
 - P. PLUMBING
 - S. STRUCTURAL
 - T. TELECOMMUNICATIONS

- DRAWING GROUP PREFIX INDEX**
- 0. GENERAL INFORMATION
 - 1. SITE PLANS
 - 2. FLOOR PLANS
 - 3. REFLECTED CEILING PLANS
 - 4. ROOF PLANS
 - 5. EXTERIOR ELEVATIONS / SECTIONS
 - 6. ENLARGED FLOOR PLANS
 - 7. INTERIOR ELEVATIONS
 - 8. CIRCULATION / STAIRS / ELEVATORS
 - 9. 3D REPRESENTATIONS

DRAWING NUMBER CODE

AH2.2

- DRAWING NUMBER
- GROUP PREFIX INDEX
- BUILDING IDENTITY
- DISCIPLINE PREFIX INDEX

DISCIPLINE OR DRAWING GROUPS NOT INDICATED IN DRAWING INDEX ARE NOT APPLICABLE OR ARE INCLUDED IN THE 16 DIVISIONAL GROUPING OF THE DETAIL DRAWINGS. BUILDING IDENTITY DESIGNATIONS MAY OR MAY NOT BE UTILIZED. REFER TO KEY PLANS AND DRAWING INDEX FOR APPLICATION OF BUILDING DESIGNATIONS. THE DISCIPLINE AND DRAWING GROUPS ARE INTEGRAL WITH THE DETAIL DRAWINGS AND ARE NOT COMPLETE IN THEMSELVES. IN CASE OF DISCREPANCY BETWEEN THE INDEX AND THE DRAWINGS, THE DRAWINGS SHALL GOVERN.

- ARCHITECTURAL DETAIL DRAWING PREFIX INDEX**
- DIVISION 1 - GENERAL REQUIREMENTS
 - DIVISION 2 - SITE WORK
 - DIVISION 3 - CONCRETE
 - DIVISION 4 - MASONRY
 - DIVISION 5 - METALS
 - DIVISION 6 - WOOD AND PLASTICS
 - DIVISION 7 - THERMAL AND MOISTURE PROTECTION
 - DIVISION 8 - DOORS AND WINDOWS
 - DIVISION 9 - FINISHES
 - DIVISION 10 - SPECIALTIES
 - DIVISION 11 - EQUIPMENT
 - DIVISION 12 - FURNISHINGS
 - DIVISION 13 - SPECIAL CONSTRUCTION
 - DIVISION 14 - CONVEYING SYSTEMS
 - DIVISION 15 - MECHANICAL- NOT USED
 - DIVISION 16 - ELECTRICAL- NOT USED

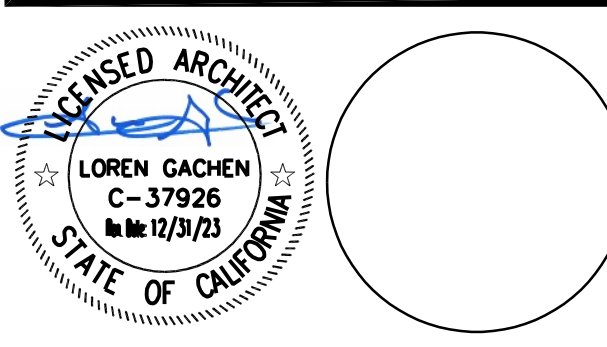
DETAIL DRAWING CODE

8.4

- DRAWING NUMBER
- DIVISION PREFIX INDEX

THE DIVISION PREFIX NUMBERS ARE THOSE IDENTIFIED BY THE 16 DIVISION GROUPING SYSTEM OF MASTER FORMAT AS PUBLISHED BY THE CONSTRUCTION SPECIFICATION INSTITUTE (CSI) AND SHALL NOT BE SOLELY REPRESENTATIVE OF REQUIREMENTS FOR ANY ONE DIVISION. THOSE DIVISIONS NOTED AS BEING NOT USED OR OMITTED ARE NOT APPLICABLE OR ARE INCLUDED UNDER DISCIPLINE DRAWINGS. IN CASE OF DISCREPANCY BETWEEN THE INDEX AND THE DRAWINGS, THE DRAWINGS SHALL GOVERN.

HONEYBEE POOL RENOVATION
CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



CONSULTANT

VANESSA GARRETT P.E. CE#4141 DATE
CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| | 11/03/2022 | | AGENCY PLAN REVIEW |
| | 12/02/2022 | | AGENCY PLAN REVIEW |

DRAWN: WLC CHECKED: WLC
DATE: 02/25/2022 SCALE: NONE
PROJECT NUMBER: 2010200

DRAWING INDEX

DRAWING NUMBER: **A0.2**

DRAFTING SYMBOL LEGEND

NEW / REQUIRED POINT ELEVATION (PLAN)
 3 = REVISION NUMBER

EXISTING POINT ELEVATION (PLAN)
 123 = EQUIPMENT NUMBER

SURFACE DRAINAGE
 ARROW INDICATES DIRECTION OF FLOW

SITE REFERENCE GRID
 WORK POINT COORDINATES

PROJECT NORTH
 PROJECT NORTH

COLUMN REFERENCE GRIDS
 B,23 = COLUMN DESIGNATION

ELEVATION
 4 A5.1 = ELEVATION DESIGNINATION
 A5.1 = REFERENCE DRAWING NUMBER
 ARROW INDICATES DIRECTION OF VIEW

BUILDING SECTION
 C A5.2 = SECTION DESIGNINATION
 A5.2 = REFERENCE DRAWING NUMBER
 ARROW INDICATES DIRECTION OF VIEW

WALL SECTION
 E A5.3 = SECTION DESIGNINATION
 A5.3 = REFERENCE DRAWING NUMBER
 ARROW INDICATES DIRECTION OF VIEW

DETAIL
 10 8.3 = DETAIL DESIGNINATION
 8.3 = REFERENCE DRAWING NUMBER

AREA IDENTITY/ CODE ANALYSIS
 LOBBY = ROOM NAME
 E1 = OCCUPANCY GROUP
 6 = SPACE USE - REF SPACE USE SCHEDULE
 900 = FLOOR AREA - SQUARE FEET
 45 = OCCUPANT LOAD (CBC TABLE 1004.5)
 * = OCCUPANT LOAD SIGN REQUIRED WHEN NOTED - (CBC SEC 1004.9)
 REF SIGNAGE SCHEDULE
 76 = ACCUMULATIVE OCCUPANT LOAD OF SPACE

AREA IDENTITY & FINISH REFERENCE/ PLAN
 LOBBY = ROOM NAME
 A230 = AREA IDENTITY
 A - BUILDING OR AREA DESIGNINATION
 2 - FLOOR NUMBER
 30 - ROOM NUMBER
 9/A7.6 = INTERIOR ELEVATION DESIGNATION AND DRAWING NUMBER WHERE ELEVATION IS SHOWN
 A1,B2,C3,D4 = ROOM MATERIAL CODE/ FINISH
 A1 = FLOOR AND BASE FINISH
 B2 = WALL MATERIAL / FINISH
 C3 = CEILING MATERIAL / FINISH
 D4 = WAINSCOT MATERIAL / HEIGHT
 * = DESIGNATES SPECIAL CONDITION, REFERENCE INTERIOR ELEVATION OR REFLECTED CEILING PLAN FOR DESCRIPTION
 10-0 = CEILING HEIGHT IN FEET & INCHES
 1,2,3, OR 4 = ELEVATION IDENTITY NUMBER- NUMBER POINTS TO WALL SHOWN IN ELEVATION

AREA IDENTITY/ PLAN
 LOBBY = ROOM NAME
 A230 = AREA IDENTITY
 A - BUILDING OR AREA DESIGNINATION
 2 - FLOOR NUMBER
 30 - ROOM NUMBER
 9/A7.6 = INTERIOR ELEVATION DESIGNATION AND DRAWING NUMBER WHERE ELEVATION IS SHOWN
 1,2,3, OR 4 = ELEVATION IDENTITY NUMBER- NUMBER POINTS TO WALL SHOWN IN ELEVATION

MATERIALS INDICATION LEGEND

PLAN/ SECTION

EARTH

POROUS FILL (STONE, GRAVEL, ETC.)

ROCK

ASPHALT PAVING

CAST-IN-PLACE CONCRETE (OR CONCRETE FILL)

PRECAST CONCRETE (GLASS FIBER REINFORCED CONCRETE)

CEMENTITIOUS DECKS & TOPPING (GYPSUM, INSULATING CONCRETE)

BRICK (COMMON OR FACE, LARGE SCALE)

GLAZED BRICK

FIRE BRICK

CONCRETE MASONRY UNITS (CMU, LARGE SCALE CONCRETE BLOCK)

GLAZED CONCRETE MASONRY UNITS

GLASS UNIT MASONRY

GROUT

CUT STONE (MARBLE, GRANITE, LIMESTONE)

CAST STONE

SLATE, SOAPSTONE, FLAGGING

STRUCTURAL CLAY TILE

GLAZED STRUCTURAL CLAY TILE

ALUMINUM (LARGE SCALE)

STEEL (LARGE SCALE)

ORNAMENTAL METAL (BRASS, BRONZE)

METAL (SMALL SCALE, STRUCTURAL OR SHEET)

PARTICLE BOARD

PLYWOOD (LARGE SCALE)

WOOD FINISHED

WOOD ROUGH/CONTINUOUS (2' X 10' - SIZE NOTED)

WOOD ROUGH/BLOCKING (2' X 10' - SIZE NOTED)

INSULATION (LOOSE OR BATT)

INSULATION (RIGID)

GLASS (LARGE SCALE)

ACOUSTICAL TILE

CERAMIC TILE

GYPSUM BOARD

SAND, CEMENT, ETC.

METAL LATH AND PLASTER

RESILIENT FLOORING

CARPET

TERRAZZO

ELEVATION

CONCRETE, PLASTER, GYPSUM BOARD

MARBLE, FIELD STONE

MASONRY (BRICK OR CMU)

GLAZING (CLEAR, TEMPERED, ETC.)

GLAZING (WIRE, LABELED)

SHEET METAL

CERAMIC TILE

WALL MATERIALS LEGEND

PLAN

EXISTING WALL TO BE REMOVED

EXISTING WALL TO REMAIN

STUD WALL - REF SCHEDULE FOR STUD TYPE, SIZE AND SPACING

BRICK MASONRY WALL - REF SCHEDULE FOR SIZE

CONCRETE MASONRY WALL (CMU) - REF SCHEDULE FOR TYPE AND SIZE

COMPOSITE MASONRY WALL - REF SCHEDULE FOR MASONRY TYPES AND SIZES

COMPOSITE VENEER WALL - REF SCHEDULE FOR MASONRY AND STUD TYPE, SIZE AND SPACING

SHAFT WALL - REF SCHEDULE FOR STUD TYPE, SIZE AND SPACING

SOUND RATED WALL - REF SCHEDULE FOR WALL MATERIALS

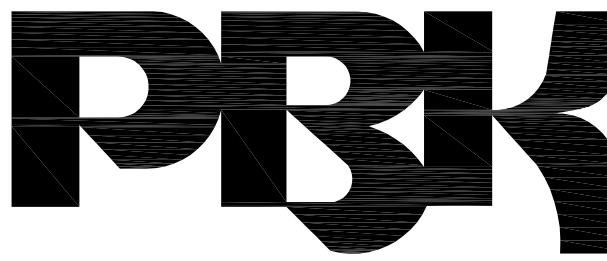
CONCRETE WALL - REF SCHEDULE FOR SIZE

ONE HOUR FIRE RATED WALL - REF PLAN AND SCHEDULE FOR WALL MATERIALS AND CBC/UL/GA LISTING

TWO HOUR FIRE RATED WALL - REF PLAN AND SCHEDULE FOR WALL MATERIALS AND CBC/UL/GA LISTING

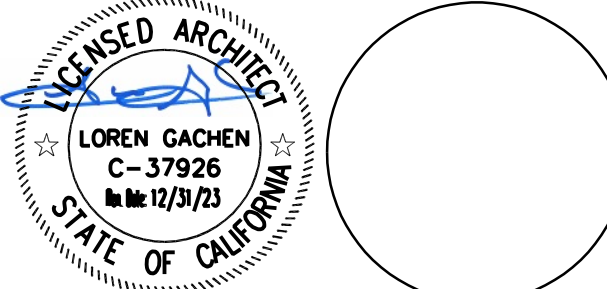
- GENERAL NOTES:**
- REFER TO FINISH SCHEDULE FOR WALL FINISHES
 - REFER TO WALL TYPE SCHEDULE FOR WALL DETAILS AND MATERIALS OF CONSTRUCTION
 - ALL WALL DEFINITIONS MAY NOT BE USED, REFER TO FLOOR PLAN(S) FOR APPLICABLE WALL DEFINITIONS USED.

REFERENCE NOTES



BERKELEY
 2600 TENTH STREET, SUITE 700
 BERKELEY, CA 94710-2597
 510-450-1999 P

HONEYBEE POOL RENOVATION
 CITY OF ROHNERT PARK
 1170 GOLF COURSE DRIVE
 ROHNERT PARK, CA 94928



CONSULTANT

VANESSA GARRETT P.E. CE#4141
 CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| 1 | 11/03/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |
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DRAWN: _____ CHECKED: _____
 DATE: 02/25/2022 SCALE: _____
 PROJECT NUMBER: 2010200

DRAFTING SYMBOLS AND MATERIAL INDICATIONS

DRAWING NUMBER: **A0.3**

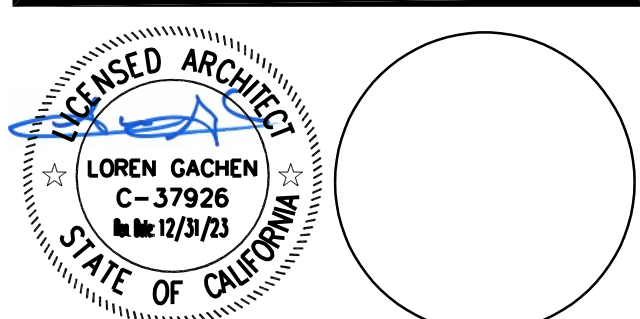


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HONEYBEE POOL RENOVATION

CITY OF ROHNERT PARK
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ROHNERT PARK, CA 94288



CONSULTANT
VANESSA GARRETT P.E. CE#141
CITY ENGINEER
DATE

Table with columns: NO, DATE, BY, DESCRIPTION. Includes revision schedule entries for 11/03/2022 and 12/02/2022.

Table with columns: DRAWN, CHECKED, DATE, SCALE, PROJECT NUMBER. Includes project details for Honeybee Pool Renovation.

ARCHITECTURAL
DRAWING
ABBREVIATIONS

DRAWING NUMBER: A0.4

ARCHITECTURAL DRAWING ABBREVIATIONS

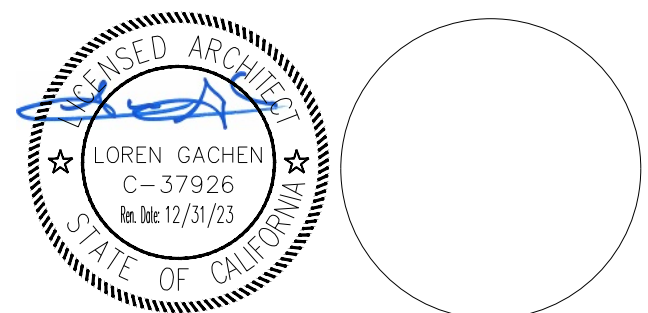
SYMBOLS

Main table containing architectural abbreviations and their descriptions. Columns include symbols, descriptions, and alternative symbols. The table is organized into multiple columns across the page.



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HONEYBEE POOL RENOVATION
 CITY OF ROHNERT PARK
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 ROHNERT PARK, CA 94928



CONSULTANT

VANESSA GARRETT P.E. CE#4141 DATE
 CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
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| 1 | 11/03/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |
| | | | |
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DRAWN: OE / VP CHECKED: OE
 DATE: 02/25/2022 SCALE: 1/8" = 1' - 0"
 PROJECT NUMBER: 2010200

CODE ANALYSIS

DRAWING NUMBER: **A0.5**
 AGENCY BACKCHECK

CODE ANALYSIS

1

POOL TOILETS SHOWER & CONCESSION BUILDINGS

BLDG. SUMMARY

| | | |
|---------------------|---------------------|--------|
| 1. TOILETS & SHOWER | FLOOR AREA: | 482 SF |
| 2. CONCESSION | FLOOR AREA: OFFICE: | 419 SF |

OCCUPANCY: B
 BLDG. HT: 1 STORY
 TYPE OF CONSTRUCTION: V-B
 BLDG. ANALYSIS:
 ACTUAL FLOOR AREA & OCCUPANCY:
 TOILET: 482 SF
 B: 419 SF

BASIC ALLOWABLE AREA FOR B:
 9,000 SF (PER CBC TABLE 506.2)
 482 + 419 = 901 SF < 9,000 SF OK

2

EQUIPMENT & STORAGE BLDG

BLDG. SUMMARY

| | |
|----------------|--------|
| 1. FLOOR AREA: | 864 SF |
|----------------|--------|

OCCUPANCY: S-1
 BLDG. HT: 1 STORY
 TYPE OF CONSTRUCTION: V-B
 BLDG. ANALYSIS:
 ACTUAL FLOOR AREA & OCCUPANCY:
 S-1: 864 SF

BASIC ALLOWABLE AREA FOR S-1:
 9,000 SF (PER CBC TABLE 506.2)
 864 SF < 9,000 SF OK

3

POOL DECK AREA CALCULATION.

POOL DECK SUMMARY:

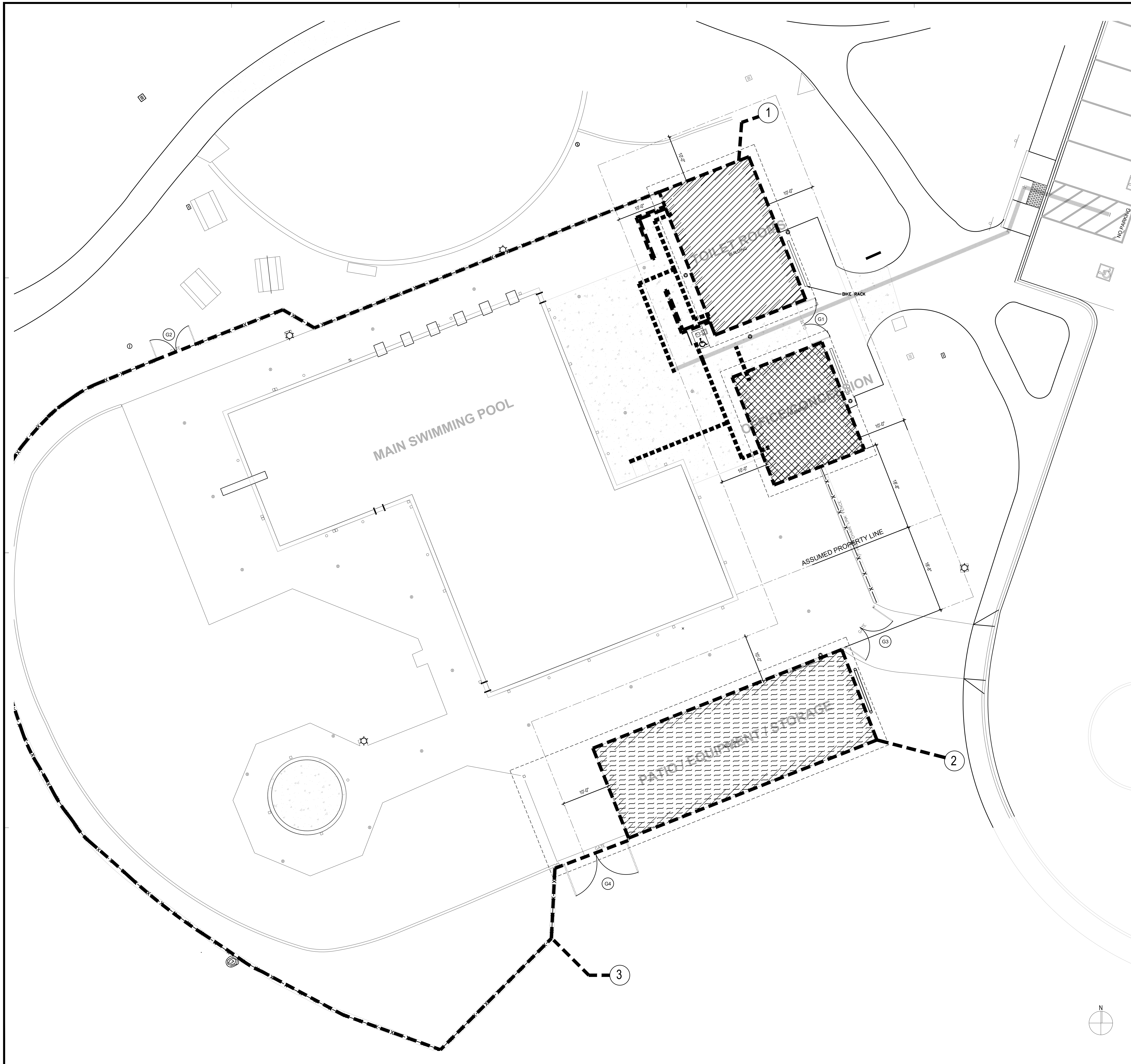
| | |
|--------------------------------|-----------|
| TOTAL POOL DECK AREA: | 11,043 SF |
| MAIN SWIMMING POOL WATER AREA: | 4,635 SF |
| USE - PUBLIC SWIMMING ACTIVITY | |
| OCCUPANCY: | A-3 |

POOL ANALYSIS:
 ACTUAL FLOOR AREA & OCCUPANCY:
 POOL DECK AREA: 11,043 SF
 POOL WATER AREA: 4,635 SF

ALLOWABLE PER OCCUPANT:
 POOL DECK AREA: 15 GROSS
 POOL WATER AREA: 50 GROSS
 11,043 / 15 = 736.2 = 737 OCCUPANTS
 4,635 / 50 = 92.7 x 93 OCCUPANTS
 TOTAL OCCUPANTS = 830 OCCUPANTS
 MIN EGRESS WIDTH PER (CBC 1005.3.2)
 O.L. x .2 = 166"
 830 x .2 = 166"
 GATE PROVIDED: G1 x G2 = 48 x 4 = 192" WITH PANIC HARDWARE

LEGEND

| | |
|------------------------|---|
| -x-x-x-x- | DEMO AND REPLACE WITH (N) VINYL COATED CHAIN LINK FENCE W/ VAINLY SLATS |
| --- | ASSUMED PROPERTY LINE |
| --- | BLDGS. OCCUPANCY ALLOWABLE AREA CALCULATION |
| [Hatched Box] | TOILETS |
| [Cross-hatched Box] | B |
| [Diagonal-hatched Box] | S - 1 |

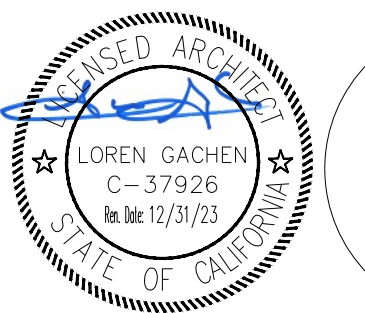




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HONEYBEE POOL RENOVATION

CITY OF ROHNERT PARK
 1170 GOLF COURSE DRIVE
 ROHNERT PARK, CA 94928



CONSULTANT

VANESSA GARRETT P.E. CE#4141 DATE
 CITY ENGINEER

REVISION SCHEDULE

| NO. | DATE | BY | DESCRIPTION |
|-----|------------|----|--------------------|
| 1 | 11/03/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |

DRAWN: OE/VP CHECKED: OE

DATE: 02/25/2022 SCALE: 1/8" = 1' - 0"

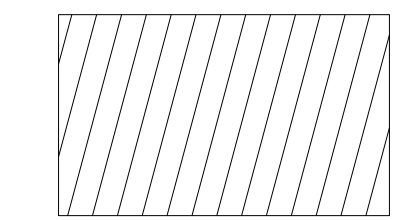
PROJECT NUMBER: 2010200

SITE ACCESSIBILITY PLAN

DRAWING NUMBER: **A0.6**

AGENCY BACKCHECK

REFERENCE NOTES



AREA OF SCOPE OF WORK



(N) ACCESS. PATH OF TRAVEL



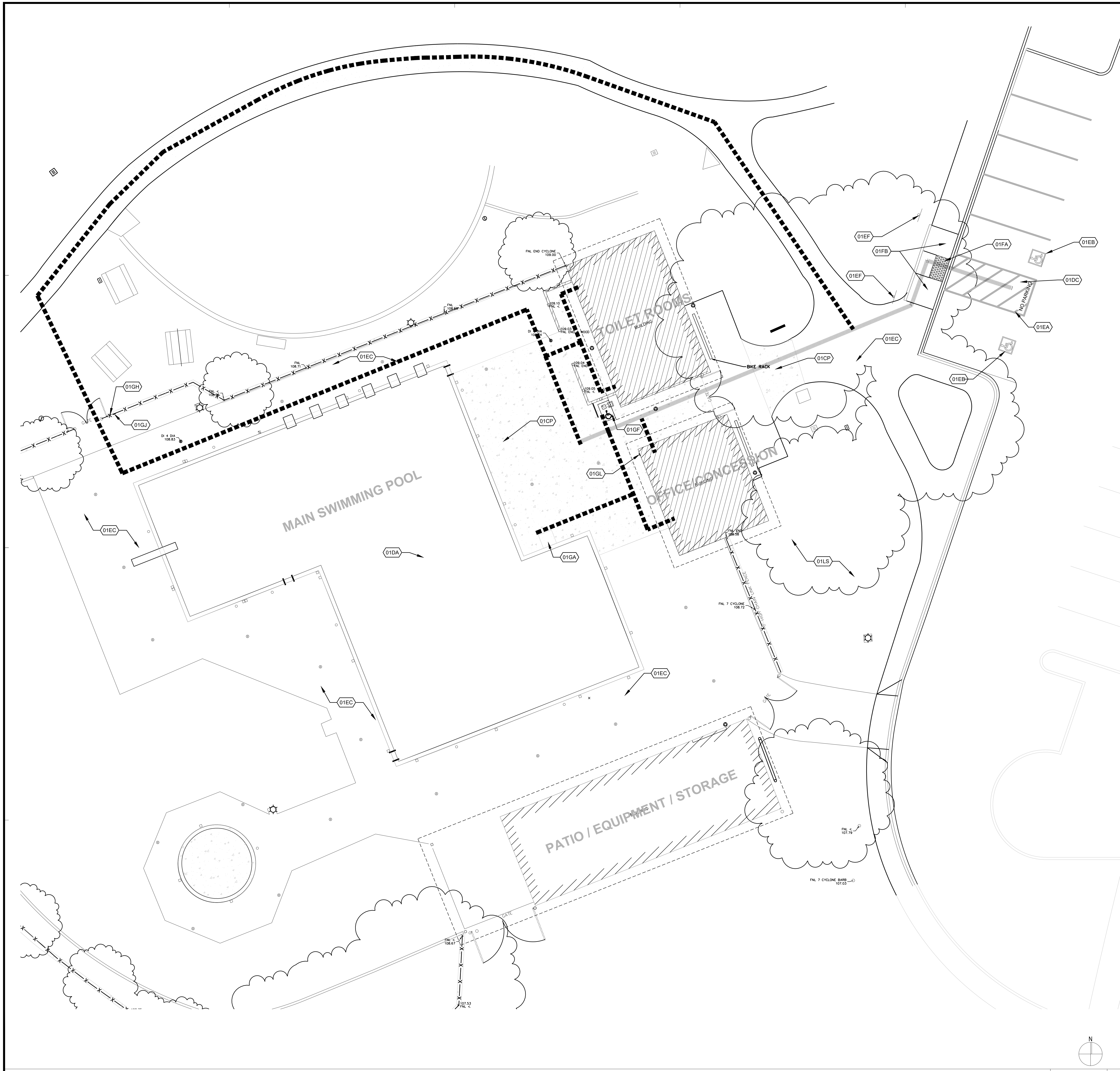
(E) ACCESS. PATH OF TRAVEL

REFERENCE NOTES

- (01CP) (N) CONCRETE PAVEMENT, S.C.D.
- (01EC) (E) CONCRETE PAVING TO REMAIN
- (01DA) POOL AREA. SEE AQUATIC DESIGN DRAWINGS
- (01DC) (E) ASPHALT CONCRETE PAVING TO REMAIN
- (01EA) (N) PAVEMENT MARKING, BLUE PAINT COLOR
- (01EB) (N) ISA PAVEMENT MARKING.
- (01EF) (E) ACCESSIBLE PARKING STALL SIGN
- (01FA) (E) TACTILE TRUNCATED DOME TO REMAIN
- (01FB) (E) ACCESSIBLE CURBED RAMP TO REMAIN
- (01GA) ACCESSIBLE POOL CHAIR LIFT. SEE DETAIL 4/2.1
- (01GF) ACCESSIBLE DRINKING FOUNTAIN. SEE DETAIL 3/2.1
- (01GH) ACCESSIBLE ENTRY SIGN. SEE DETAIL 14/10.1
- (01GJ) TACTILE EXIT SIGN. SEE DETAIL 21/10.1
- (01GL) DIRECTIONAL SIGN. SEE DETAIL 15/10.1
- (01LS) (E) TREES/ LANDSCAPING TO REMAIN

BY ARCHITECT OF RECORD

"DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASE ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE TO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."





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HONEYBEE POOL RENOVATION

CITY OF ROHNERT PARK
 1170 GOLF COURSE DRIVE
 ROHNERT PARK, CA 94928



CONSULTANT

VANESSA GARRETT P.E. CE#4141 DATE
 CITY ENGINEER

REVISION SCHEDULE

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DRAWN: OE / VP CHECKED: OE

DATE: 02/25/2022 SCALE: 1/8" = 1' - 0"

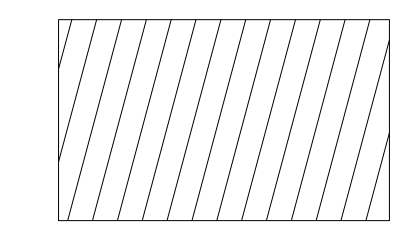
PROJECT NUMBER: 2010200

FENCING PLAN

DRAWING NUMBER: **A0.7**

AGENCY BACKCHECK

REFERENCE NOTES



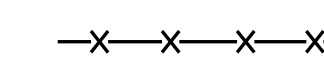
AREA OF SCOPE OF WORK



(N) ACCESS. PATH OF TRAVEL



(E) ACCESS. PATH OF TRAVEL



DEMO AND REPLACE WITH (N) VINYL COATED CHAIN LINK FENCE W/ VAINLY SLATS.
 DEMO FENCE POST AND FOOTINGS

REFERENCE NOTES

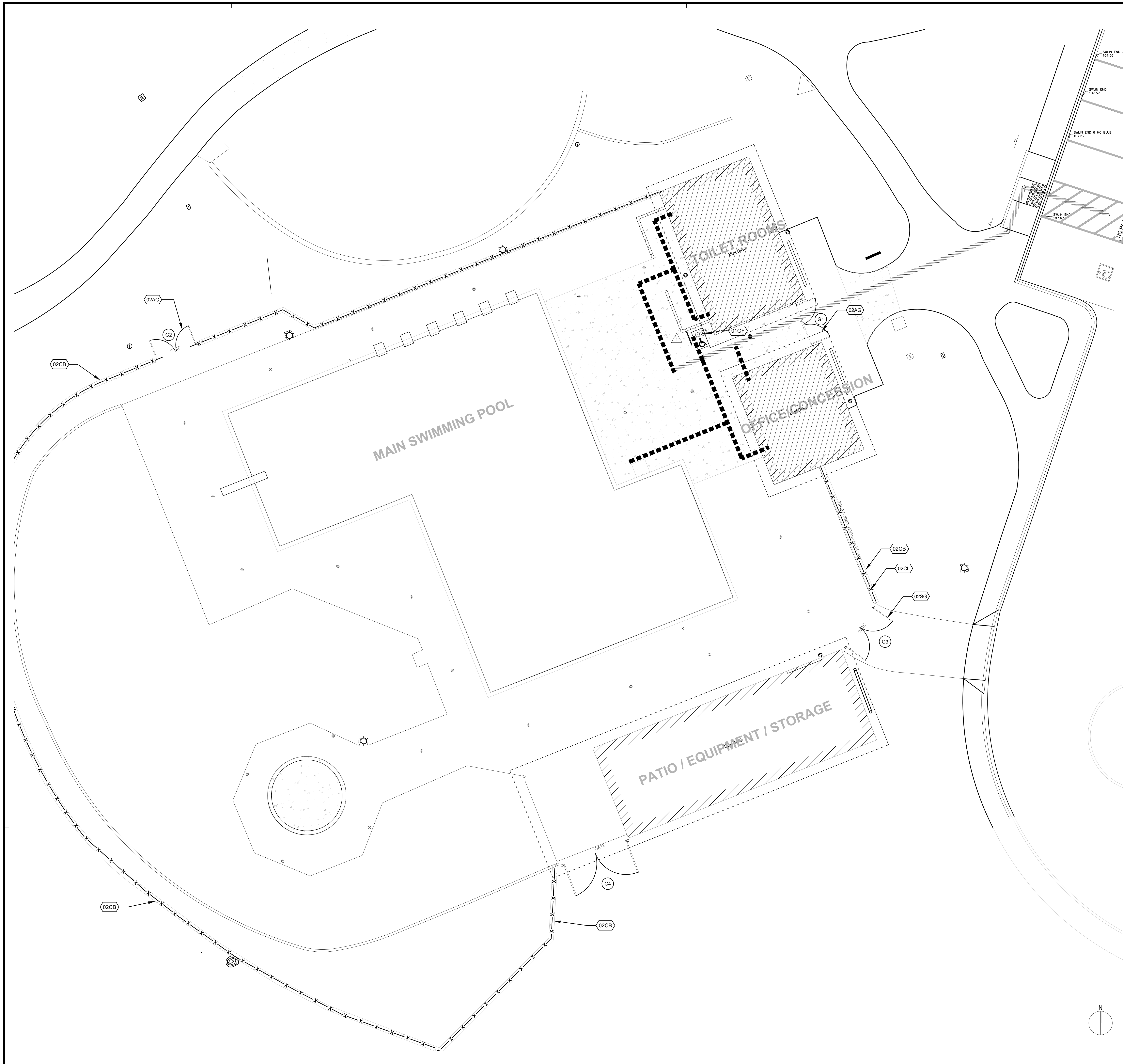
- 01GF ACCESSIBLE DRINKING FOUNTAIN. SEE DETAIL 3/2.1
- 02AG ACCESS PEDESTRIAN GATE. SEE DETAIL 23/2.1.
- 02CB 12" CONCRETE BAND AT FENCE SEE DETAIL 19/2.1
- 02CL 7 FEET HIGH CHAIN LINK FENCE & GATE. SEE DETAIL 18/2.1.
- 02SG SERVICE GATE. SEE DETAIL 18/2.1.

GATE SCHEDULE

| # | GATE SIZE | DETAIL | SIGNAGE | NOTES | REMARKS |
|----|-------------------|--------|---------|-------|---------------|
| G1 | (2) 4'-0" x 7'-0" | 23/2.1 | - | 1, 2 | ACCESS GATE |
| G2 | (2) 4'-0" x 7'-0" | 23/2.1 | - | 1, 2 | ACCESS GATE |
| G3 | (2) 5'-0" x 7'-0" | 18/2.1 | - | - | SERVICE GATES |
| G4 | (2) 7'-0" x 7'-0" | 18/2.1 | - | - | SERVICE GATES |

NOTES

1. PROVIDE ACCESSIBLE HARDWARE REQUIRED CLEARANCE
2. CUSTODIAN TO OPEN AND CLOSE GATE. GATES SHALL REMAIN OPEN FROM 7:00 AM TO 3:30 PM.





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HONEYBEE POOL RENOVATION

CITY OF ROHNERT PARK
 1170 GOLF COURSE DRIVE
 ROHNERT PARK, CA 94928



CONSULTANT

VANESSA GARRETT P.E. CE#4141 DATE
 CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| 1 | 11/03/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |

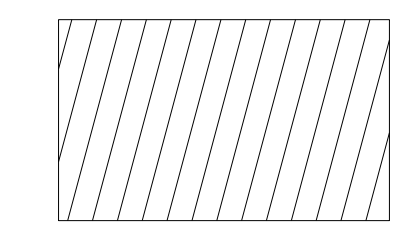
DRAWN: OE / VP CHECKED: OE
 DATE: 02/25/2022 SCALE: 1/8" = 1' - 0"
 PROJECT NUMBER: 2010200

SITE PLAN

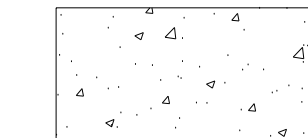
DRAWING NUMBER: A1.0

AGENCY BACKCHECK

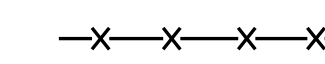
LEGEND



AREA OF SCOPE OF WORK



(N) CONCRETE PAVING, REF CIVIL DWG



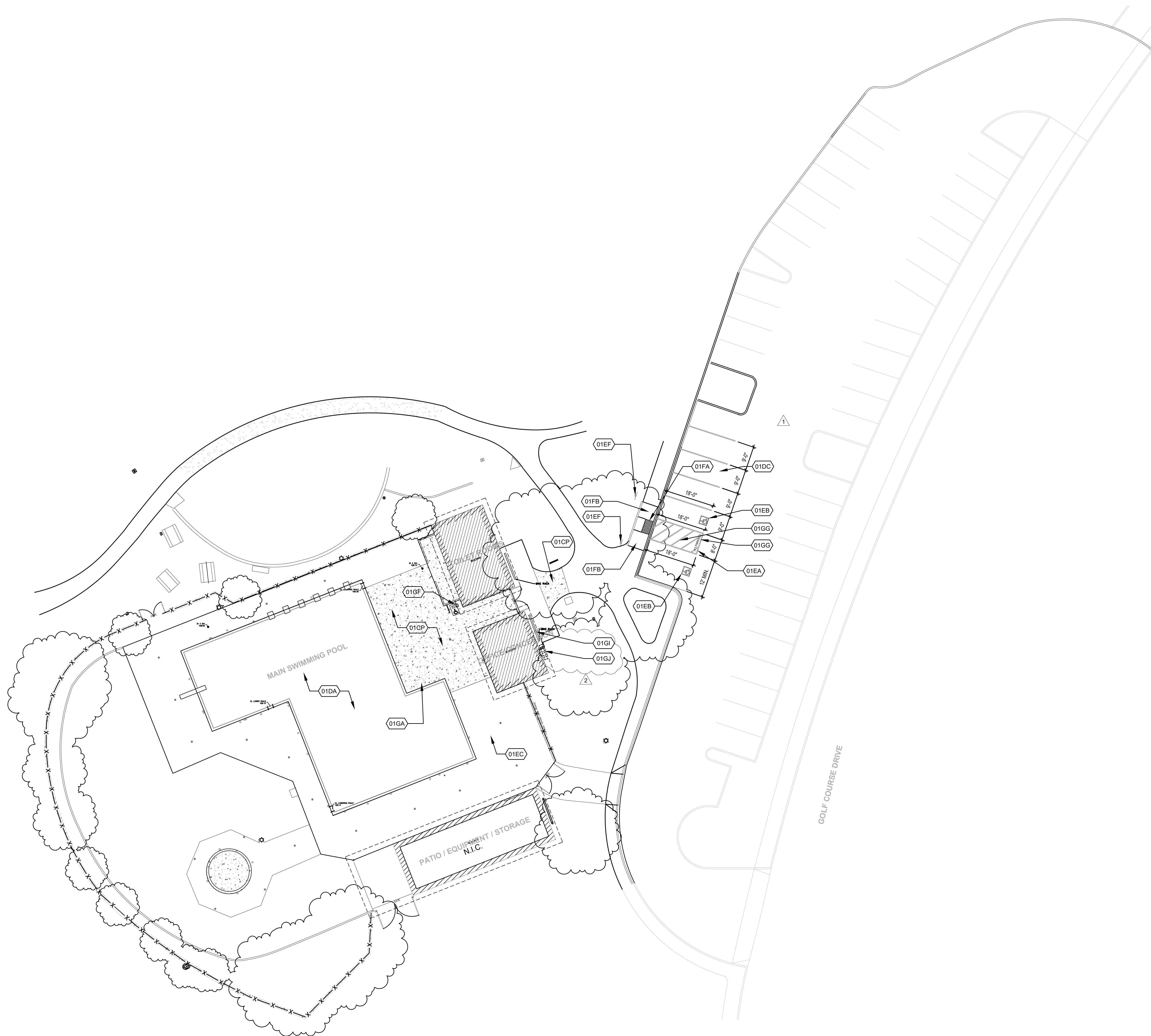
DEMO EXISTING CHAIN-LINK FENCE, CONCRETE FOOTINGS. PROVIDE (N) VINYL COATED CHAIN-LINK FENCE W/ PRIVACY SLATS. REFER DTLS 18 & 22/2.1

REFERENCE NOTES

- 01CP (N) CONCRETE PAVEMENT, S.C.D.
- 01EC (E) CONCRETE PAVING TO REMAIN
- 01DA (E) POOL AREA. SEE AQUATIC DESIGN DRAWINGS
- 01DC (E) ASPHALT CONCRETE PAVING TO REMAIN
- 01EA (N) PAVEMENT MARKING, BLUE PAINT COLOR
- 01EB (E) ISA PAVEMENT MARKING. SEE DET.
- 01EF (E) ACCESSIBLE PARKING STALL SIGN
- 01FA (E) TACTILE TRUNCATED DOME TO REMAIN
- 01FB (E) ACCESSIBLE CURBED RAMP TO REMAIN
- 01GA (E) ACCESSIBLE POOL CHAIR LIFT. SEE DETAIL 4/2.1
- 01GF (E) ACCESSIBLE DRINKING FOUNTAIN. SEE DETAIL 3/2.1
- 01GG (E) 4" WHITE HATCHED LINES AT 36" ON CENTER
- 01GH (E) 12" HIGH WHITE LETTERING AS FOLLOWS: NO PARKING
- 01GI (E) BIKE RACK TO REMAIN AND PROTECT IN PLACE
- 01GJ (E) TRASH AND RECYCLING AREA

PARKING COUNT

| 2019 CBC TABLE 11B-2002 | VISITOR |
|-------------------------|-----------|
| REGULAR STALLS | 39 |
| ACCESS PARKING | 1 |
| VAN ACCESS PARKING | 1 |
| TOTAL | 41 |



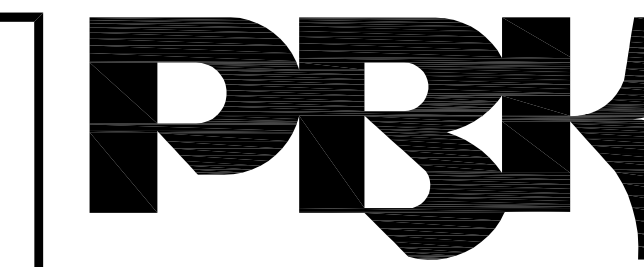
SITE PLAN

1/16" = 1' - 0"

1

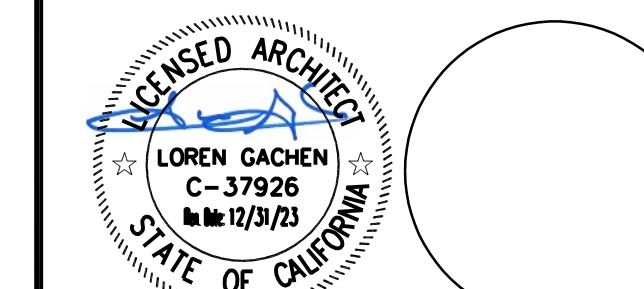
REFERENCE NOTES

DIMENSIONS



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CITY ENGINEER

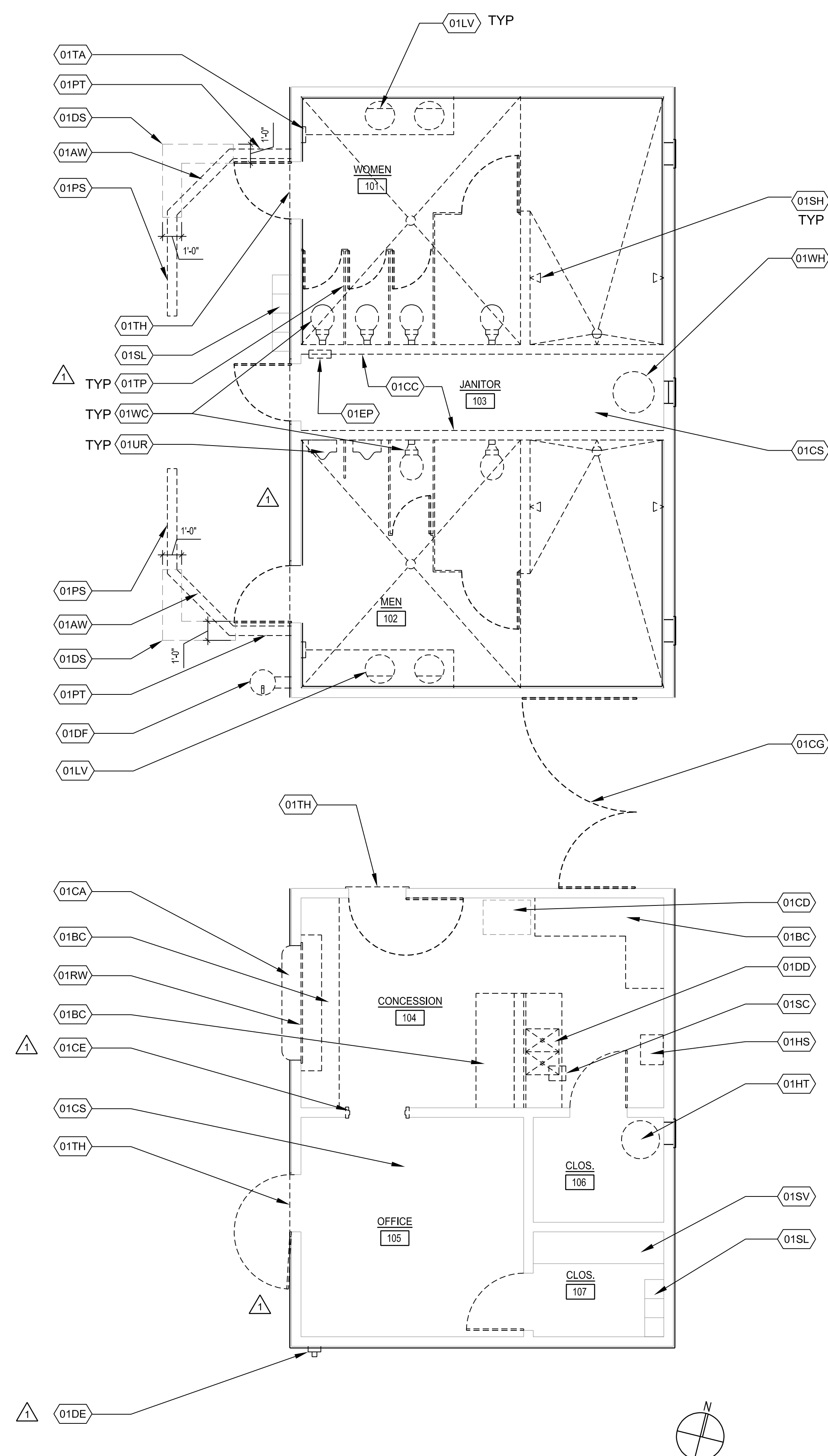
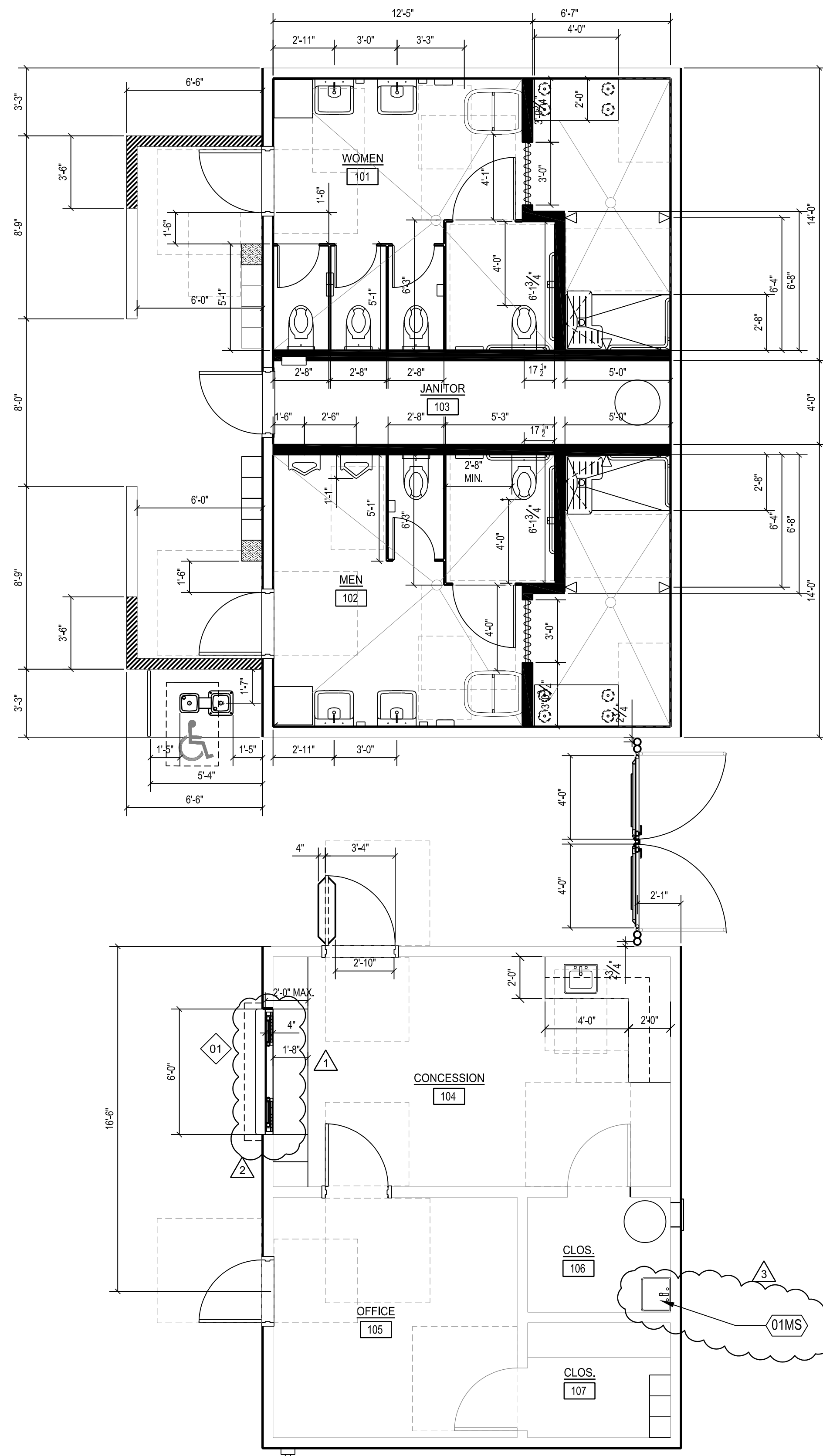
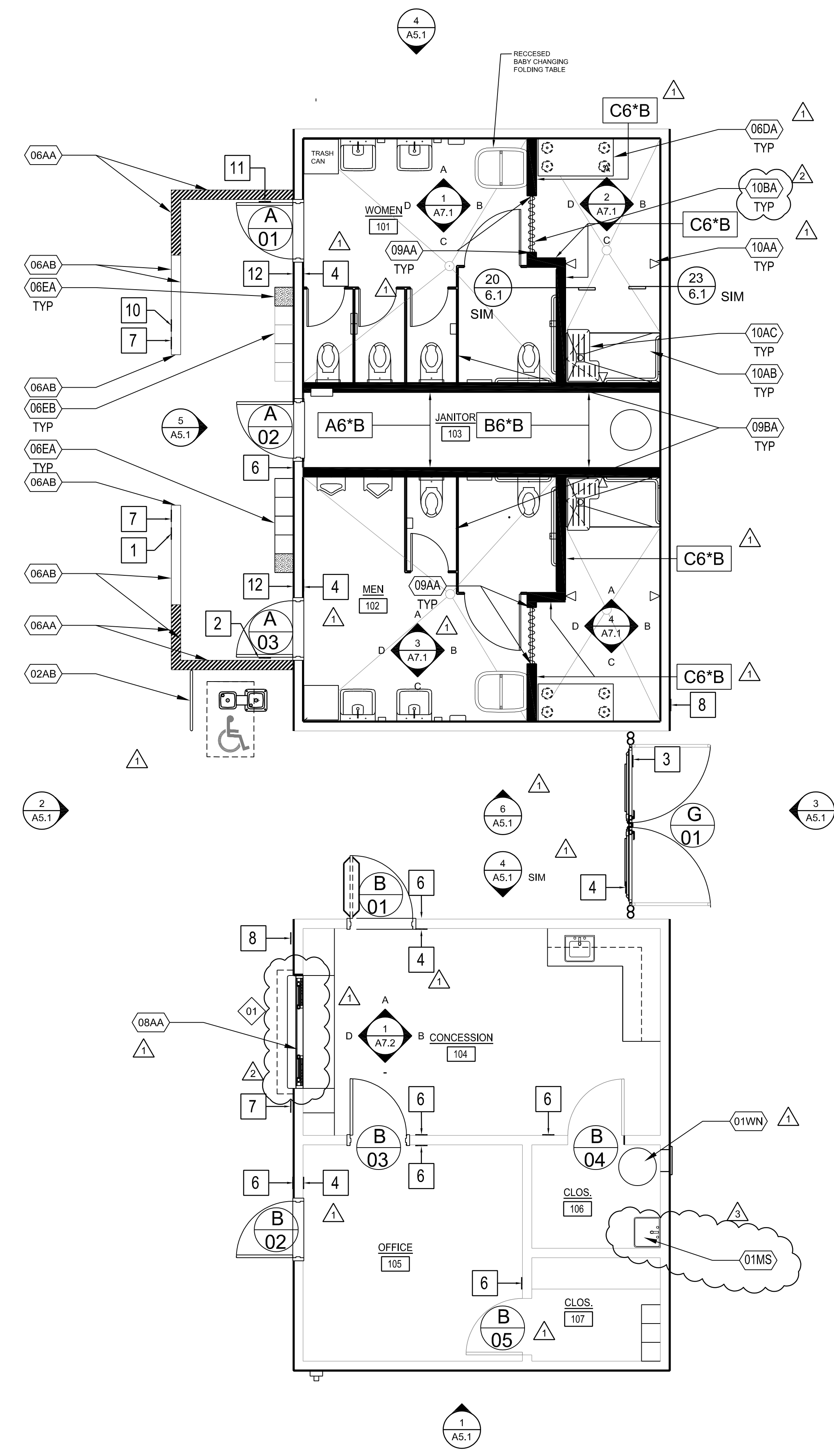
| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| △ | 11/03/2022 | | AGENCY PLAN REVIEW |
| △ | 12/02/2022 | | AGENCY PLAN REVIEW |
| △ | 03/01/2023 | | ADDENDUM 1 |
| | | | |
| | | | |
| | | | |

DRAWN: OE / VP CHECKED: OE
DATE: 02/25/2022 SCALE: 1/4" = 1'-0"
PROJECT NUMBER: 2010200

DEMO & FLOOR PLAN

DRAWING NUMBER: **A2.1**

AGENCY BACKCHECK



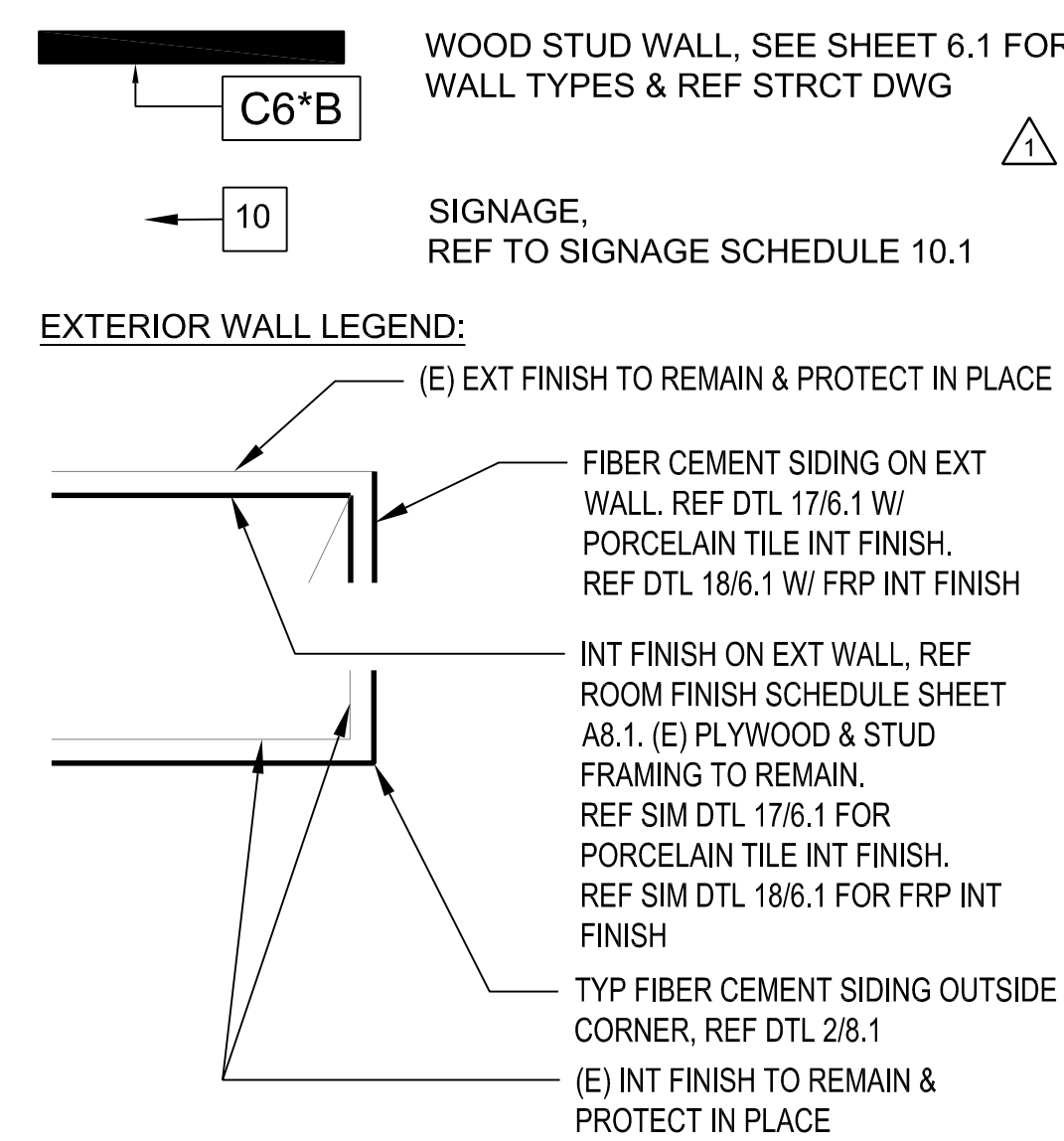
FLOOR PLAN 1/4" = 1'-0" 2

EXISTING DEMOLITION PLAN 1/4" = 1'-0" 1

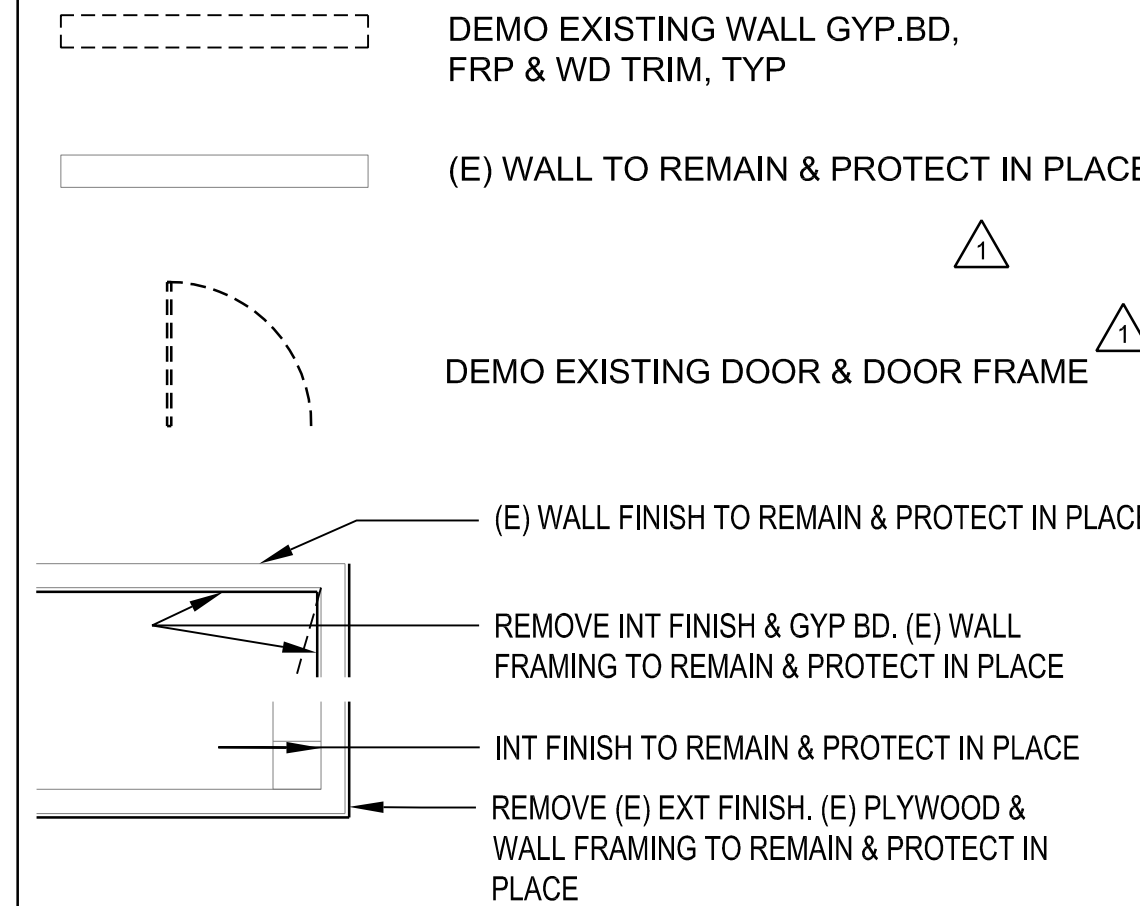
- (01AW) DEMO 2X FRAMING, PLYWOOD & SAWCUT CONC. CURB UP TO 6" DEEP
- (01BC) DEMO CABINET & BASE
- (01CA) DEMO PLAM COUNTER
- (01CC) DEMO (E) CONC. CURB 2x4 STUDS, TYP.
- (01CD) REMOVE (E) FREEZER & DELIVER TO OWNER
- (01CE) REMOVE (E) DOOR FRAME
- (01CG) DEMO CHAIN LINK GATES, POST, & CONCRETE FOOTINGS
- (01CS) (E) CONC. SLAB TO REMAIN, TYP.
- (01DD) DEMO S.S.S DOUBLE SINK & DELIVER TO OWNER
- (01DE) (E) CAMERA TO REMAIN & PROTECT IN PLACE
- (01DF) DEMO DRINKING FOUNTAIN
- (01DS) SAWCUT & DEMO CONC. SLAB, TYP.
- (01EP) DEMO ELEC. PANEL "B", S.E.D.
- (01HS) DEMO HAND SINK
- (09BA) RESTROOM PARTITION, REF DTL 6/6.2
- (10BA) CURTAIN ROD W/ SHOWER CURTAIN, REF TO SPEC

- (01HT) DEMO WATER HEATER
- (01LV) DEMO LAVATORY, CONNECTIONS, COUNTERTOP & SUPPORTS, TYP.
- (01PS) DEMO PLYWOOD, TRIMS, GSM AT (E) PRIVACY SCREEN (E) 2X FRAMING & CONC. CURB TO REMAIN. REPLACE DAMAGED 2X FRAMING DUE TO DRY ROT
- (01PT) DEMO 2X FRAMING PLYWOOD, TRIMS, GSM AT (E) PRIVACY SCREEN (E) CONC. CURB TO REMAIN
- (01RW) DEMO (E) ROLL-UP DOOR ASSEMBLY & COORDINATE W/ DTL 12/6.2 TO DEMO SILL ASSEMBLY TO ACCOMMODATE HEIGHT OF COUNTER.
- (01SC) DEMO FLOOR SINK & CAPPING
- (01SH) DEMO SHOWER HEAD & PIPING CONNECTIONS, TYP.
- (08AA) WINDOW W/ ROLL-UP DOOR @ CONCESSION, REF DTL 10/8.1
- (01SL) (E) METAL LOCKER TO REMAIN
- (01SD) (E) WOOD SHELVING TO REMAIN
- (01TA) DEMO TOILET ACCESSORIES, TYP.
- (01TH) DEMO DOOR THRESHOLD, TYP.
- (09AA) CONTINUE PORCELAIN TILE FINISH @ JAMB OF OPENING

- (01TP) DEMO TOILET PARTITION TYP.
- (01UR) DEMO URINAL & PIPING CONNECTIONS, TYP.
- (01WC) DEMO WATER CLOSET & PIPING CONNECTIONS, TYP.
- (01WH) EXISTING WATER HEATER TO REMAIN
- (01WN) (N) WATER HEATER. SEE DWG P2.0
- (06AA) PRIVACY SCREEN, REF DTL 2/6.2
- (06AB) PER KEYNOTE 01PS, PROVIDE PRIVACY SCREEN ASSEMBLY ALL SIDES, REF SIM DTL 2/6.2.
- (02AB) GUARDRAIL AT DRINKING FOUNTAIN, REF DTL 10/2.1
- (10AA) STD. SHOWER HEAD
- (10AB) ADA ROLL-IN SHOWER STALL
- (10AC) ADA ROLL-IN SHOWER SEAT
- (06DA) ACCESSIBLE WOOD BENCH, REF DTL 3/6.2
- (06EA) METAL LOCKERS, REF DTL 5/6.2
- (06EB) (E) METAL LOCKERS TO BE MOUNTED BACK TO ORIGINAL LOCATION. PROVIDE 2X6 PRESSURE TREATED WOOD BLOCK AND CLOSE ALL SIDES, REF SIM DTL 5/6.2
- (01MS) (N) MOP SINK



FLOOR PLAN LEGEND



DEMO LEGEND

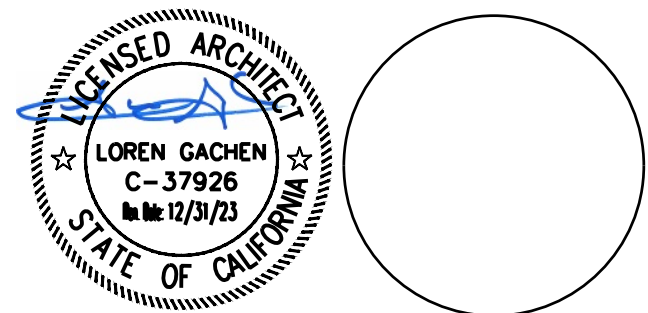
NOTE:
1. PATCH HOLES, WHERE OCCURS, WITH FINISH TO MATCH ADJACENT (E) FINISH.
2. REF TO EXT ELEVATIONS FOR DEMO OF (E) LOUVERS

REFERENCE NOTES



BERKELEY
 2600 TENTH STREET, SUITE 700
 BERKELEY, CA 94710-2597
 510-450-1999 P

HONEYBEE POOL RENOVATION
 CITY OF ROHNERT PARK
 1170 GOLF COURSE DRIVE
 ROHNERT PARK, CA 94928



CONSULTANT

VANESSA GARRETT P.E. CE84141 DATE
 CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| △ | 11/03/2022 | | AGENCY PLAN REVIEW |
| △ | 12/02/2022 | | AGENCY PLAN REVIEW |
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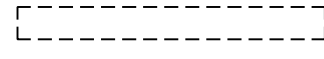
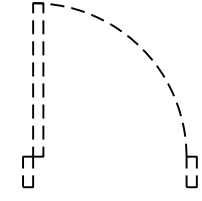
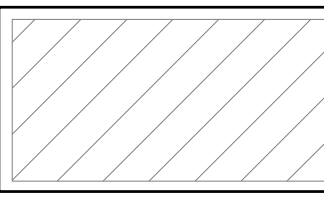
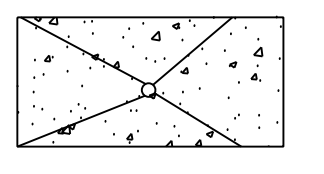
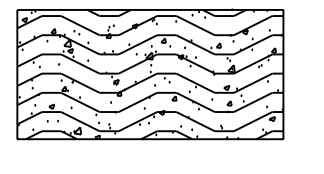
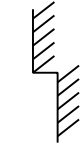
DRAWN: OE / VP CHECKED: OE
 DATE: 02/25/2022 SCALE: 1/4" = 1'-0"
 PROJECT NUMBER: 2010200

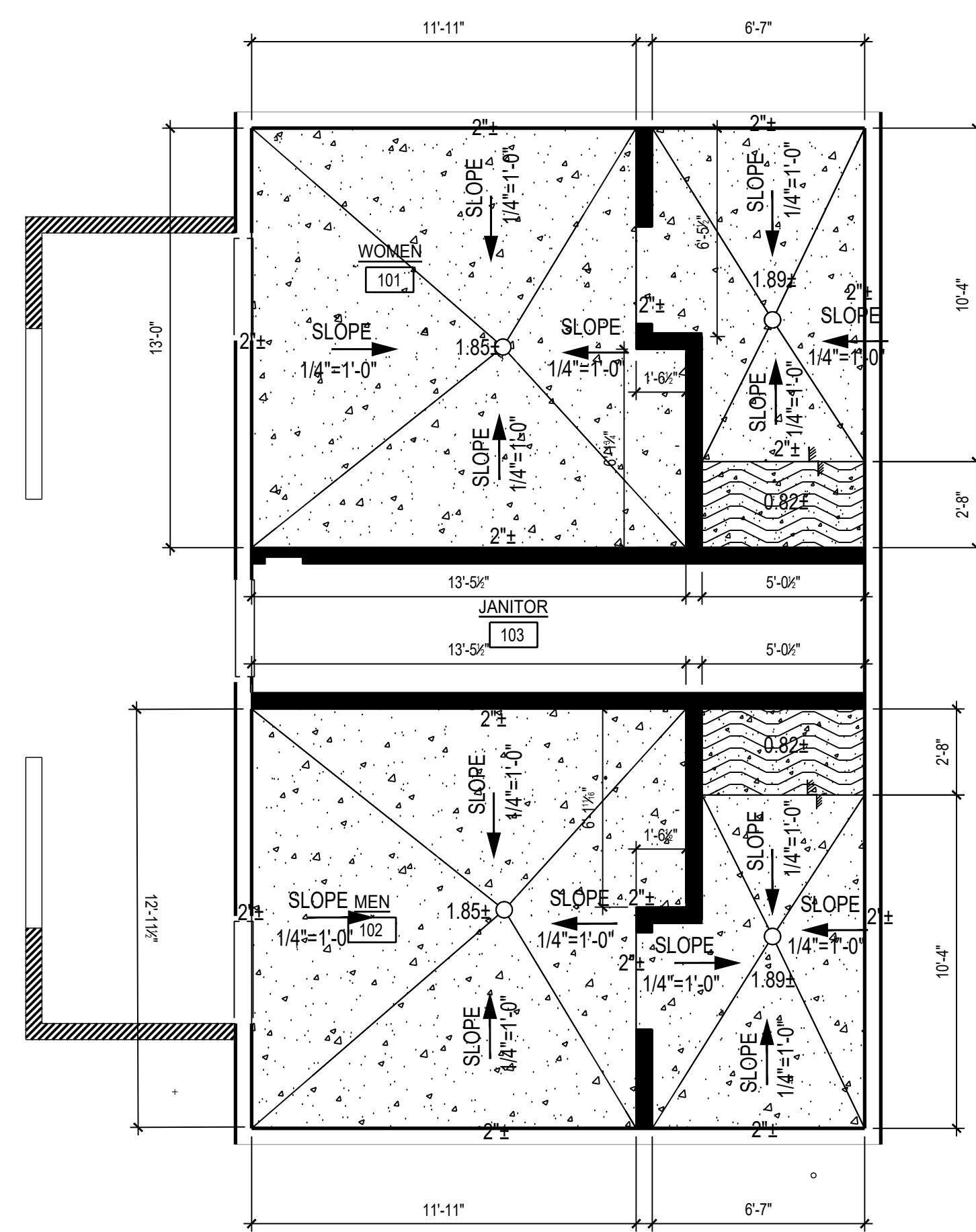
SLAB
 PLAN

DRAWING NUMBER: **A2.2**

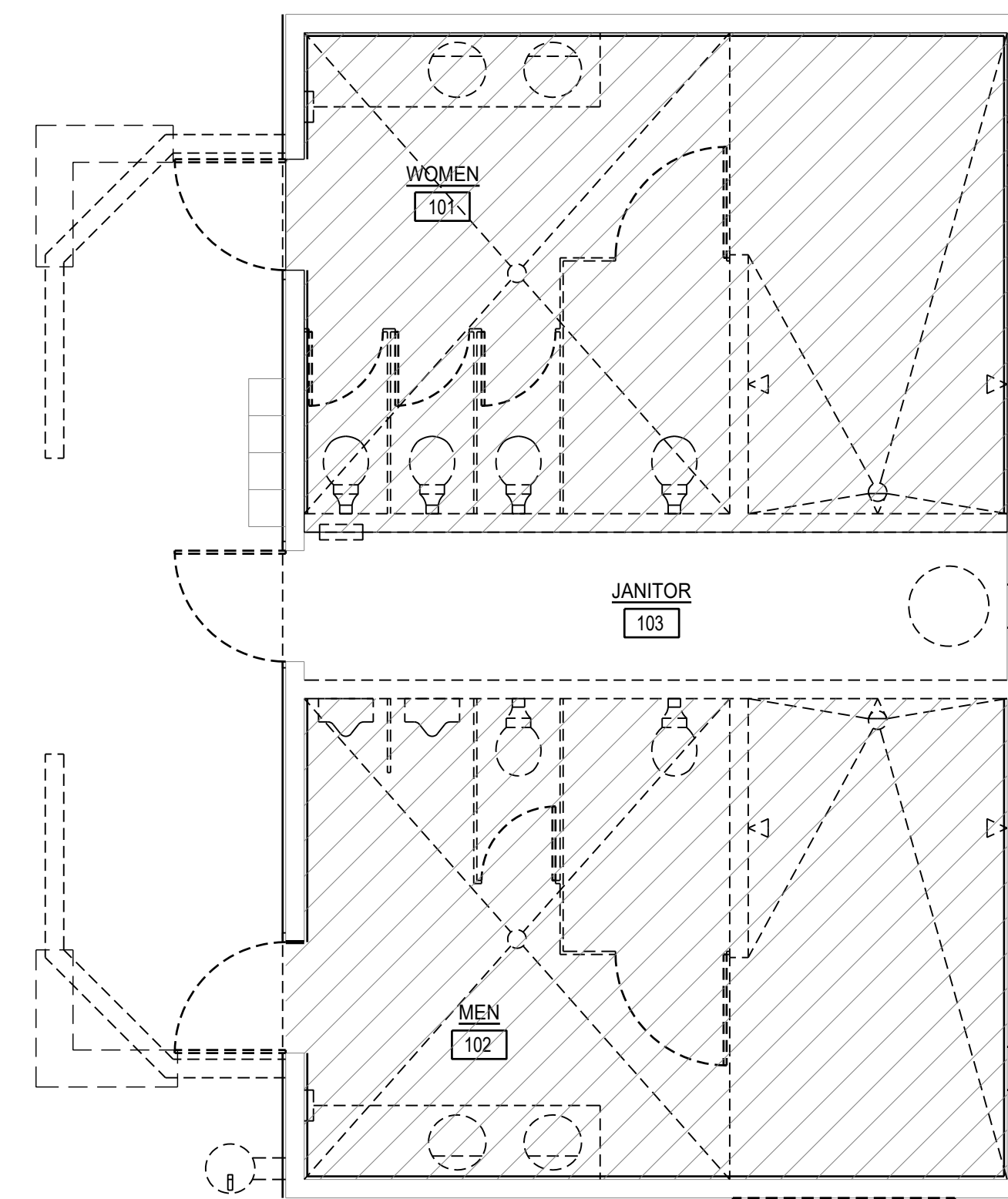
AGENCY BACKCHECK

LEGEN

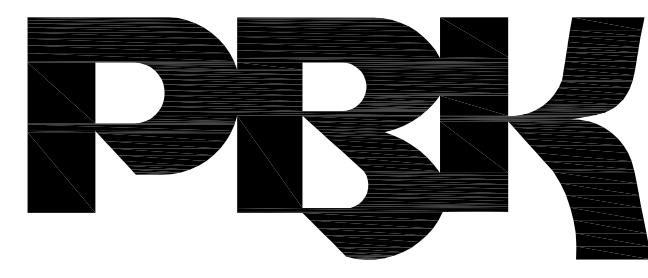
-  DEMO EXISTING WALL GYP.BD, FRP & WD TRIM, TYP
-  DEMO EXISTING DOOR & FRAME
-  SAW CUT & DEMO EXISTING CONC. SLAB INCLUDING FLOOR DRAIN & PLUMBING LINES
-  (N) CONCRETE SLAB
-  (N) DEPRESS SLAB
-  CHANGE IN FLOOR ELEVATION



FLOOR PLAN 1/4" = 1' - 0" 2



EXISTING DEMOLITION PLAN 1/4" = 1' - 0" 1

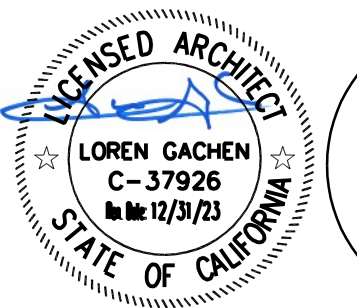


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HONEYBEE POOL RENOVATION

CITY OF ROHNERT PARK
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ROHNERT PARK, CA 94928



CONSULTANT

VANESSA GARRETT P.E. CE#4141 DATE
CITY ENGINEER

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PROJECT NUMBER: 2010200

DEMO RCP
AND
NEW RCP PLAN

DRAWING NUMBER: **A3.1**

AGENCY BACKCHECK

LEGEND DEMO

- DEMO EXISTING LIGHT FIXTURES
- DEMO (E) SUSPENDED CEILING GYP BD
- DEMO (E) EXHAUST FAN
- DEMO (E) INTERIOR LIGHT FIXTURE
- DEMO (E) EXTERIOR LIGHT FIXTURE
- DEMO (E) EXTERIOR SOFFIT
- DEMO PORTION OF SOFFIT TO ACCOMMODATE 2"X12" VENT SCREEN. FIELD VERIFY LOCATION TO AVOID CONFLICT WITH FRAMING.

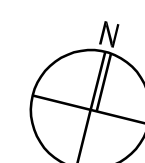
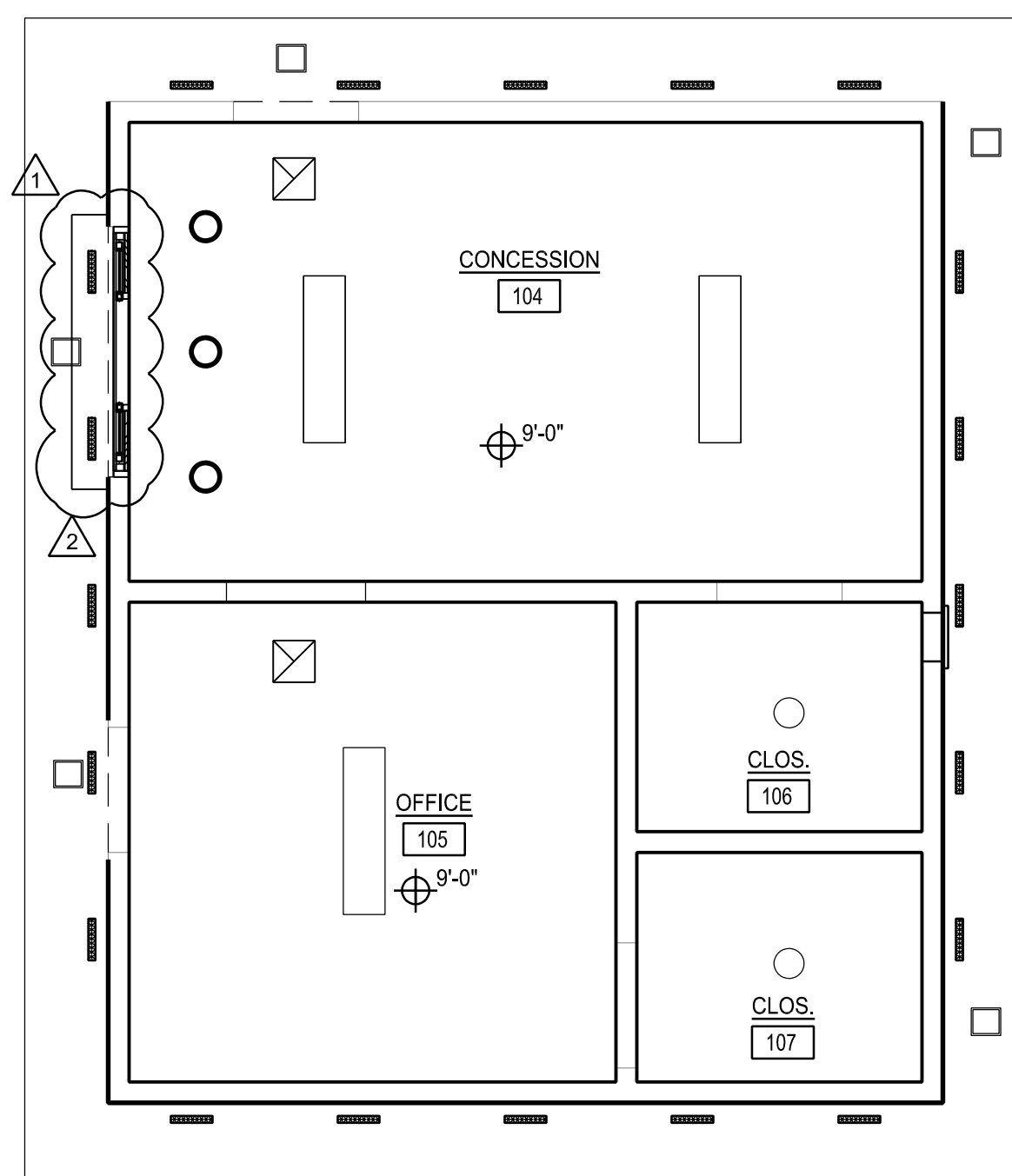
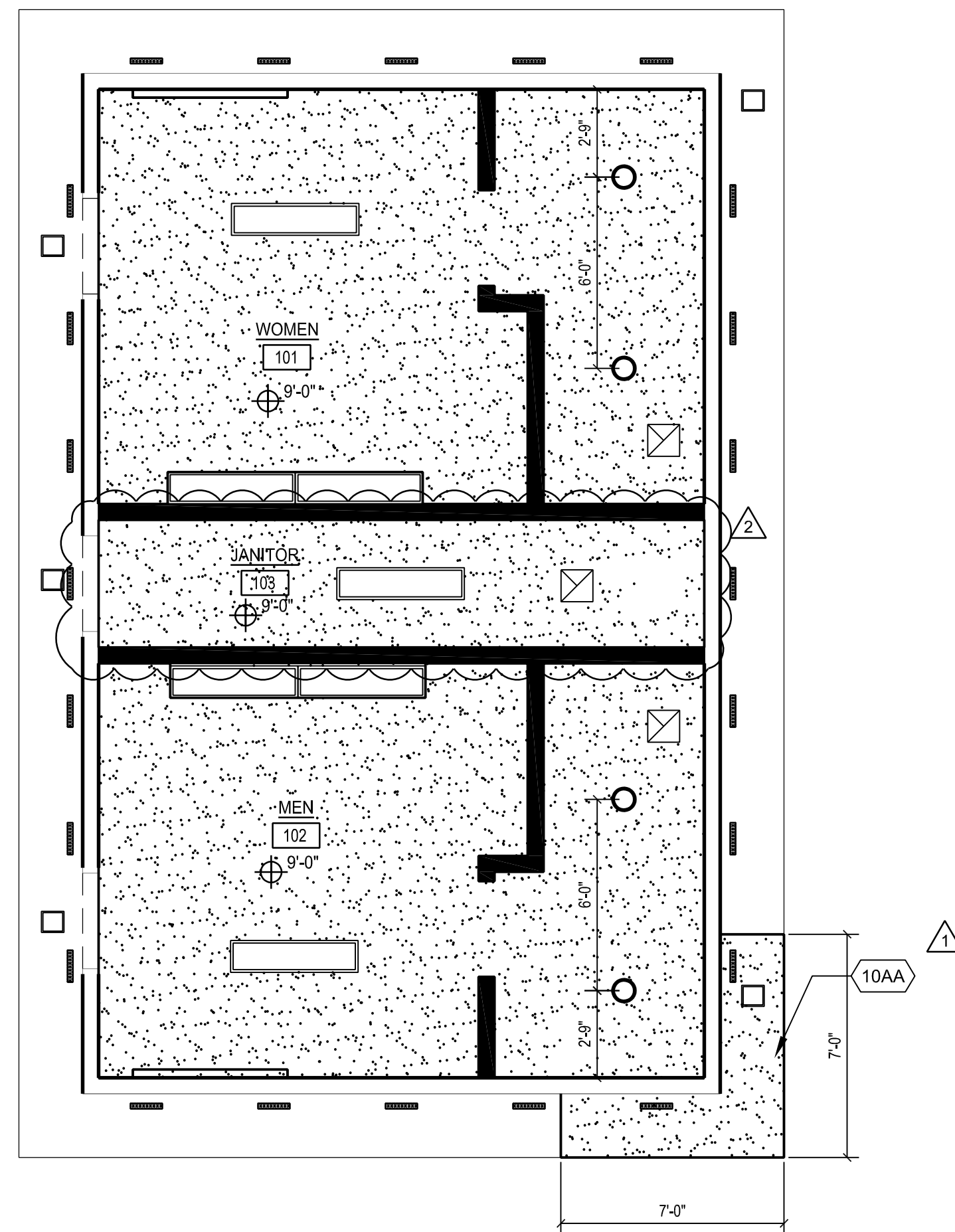
NOTE:
1. REMOVE ALL (E) 2" WIDE METAL SCREEN VENT ALONG EXTERIOR SOFFIT FOR BOTH BUILDINGS. PATCH AND REPAIR SOFFIT, AND FINISH TO MATCH ADJACENT FINISH.

LEGEND

- (E) CEILING TO REMAIN
(N) PAINT FINISH TYP.
- (N) SUSPENDED CEILING GYP BD. SEE DETAIL 17/ 9.3
- (N) 1' x 4' INTERIOR LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS
- (N) INTERIOR LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS
- (N) EXTERIOR LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS
- (N) CEILING DIFFUSER, SEE MECHANICAL DRAWINGS
- 2"X12" VENT SCREEN @ APPROX 4"-0" O.C., FIELD VERIFY LOCATION TO AVOID CONFLICT WITH FRAMING, REF DTL 18/7.1

REFERENCE NOTES

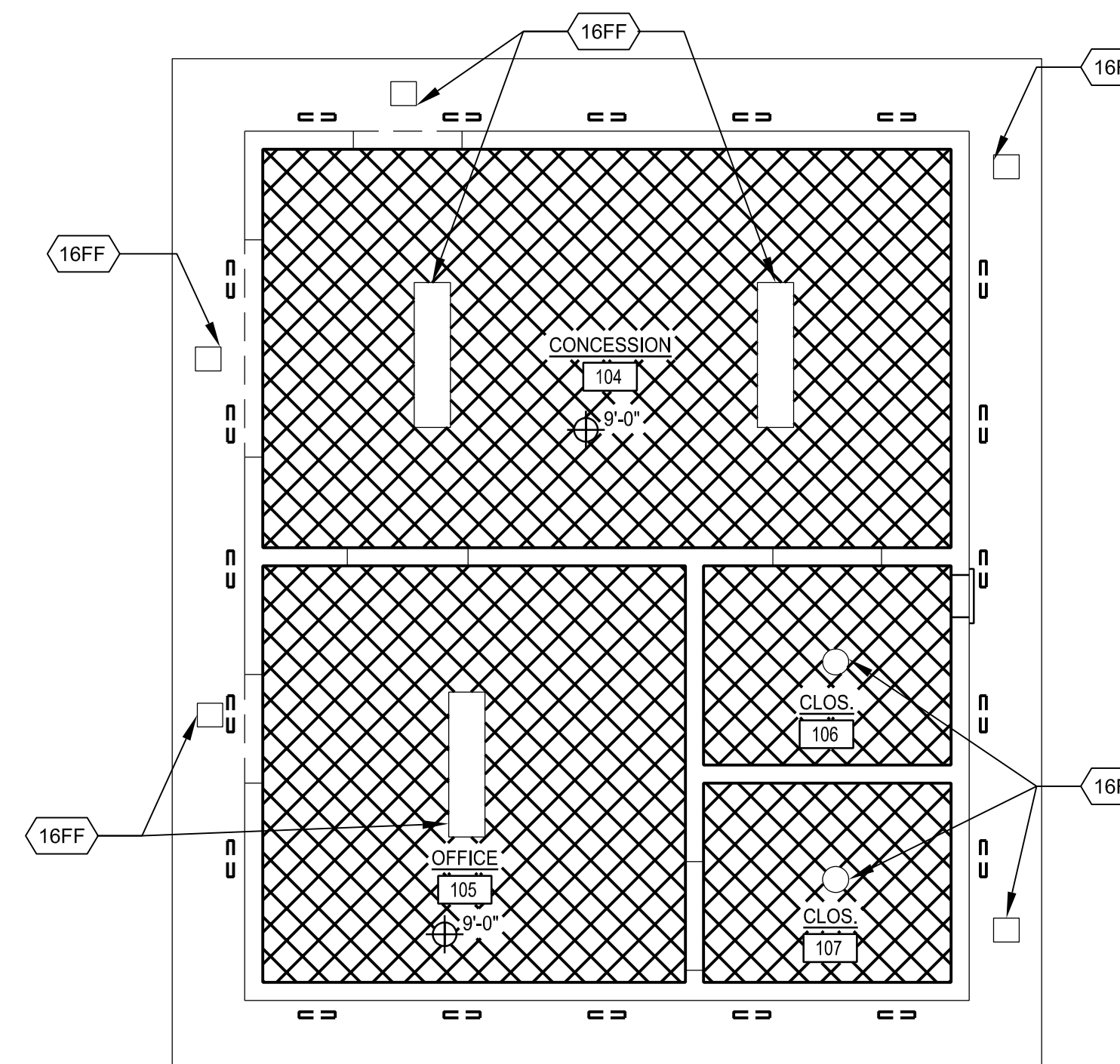
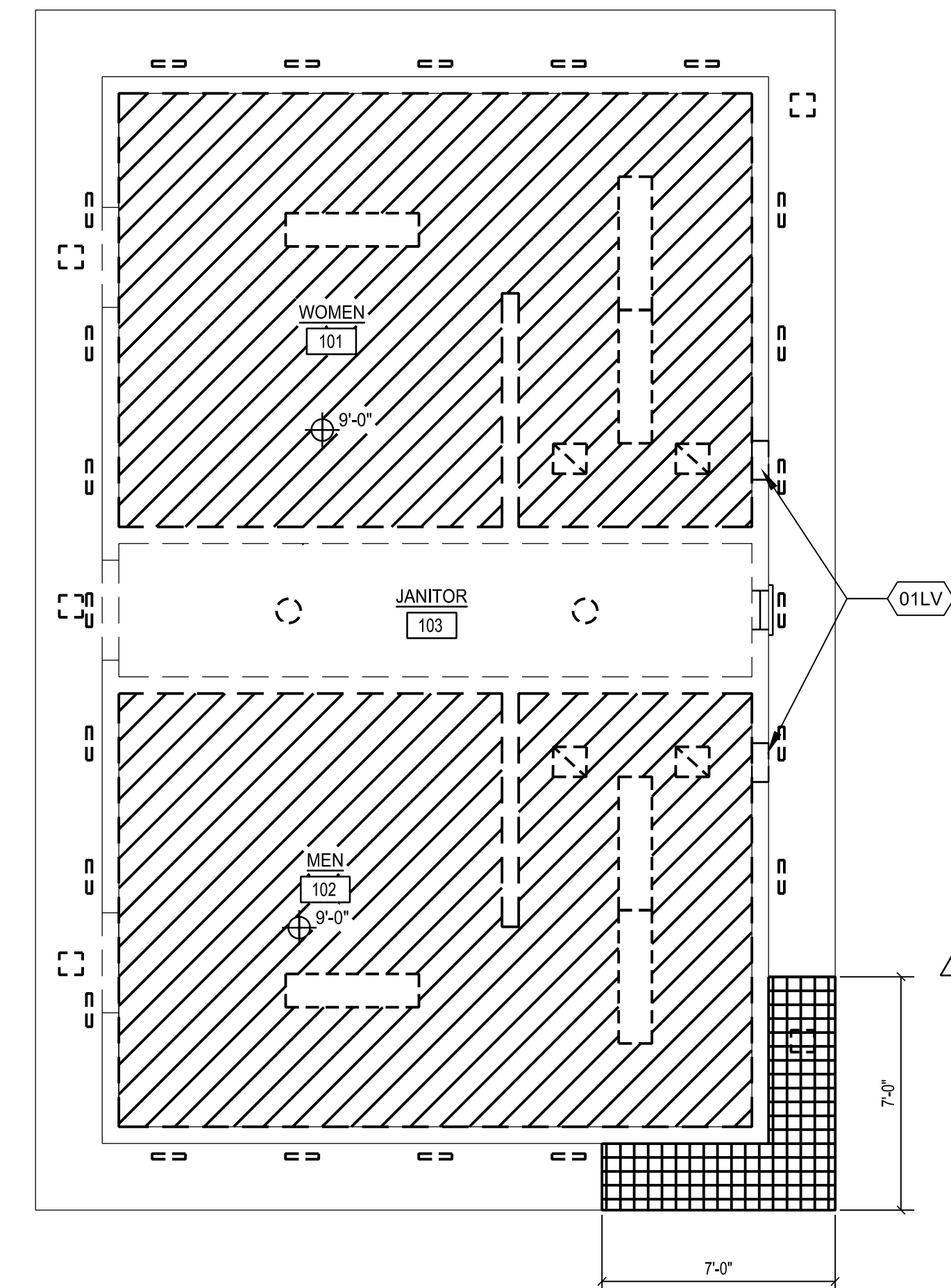
- DEMO (E) LOUVER
- LIGHT FIXTURE TO REMAIN
- SOFFIT @ ROOF TRUSS FASCIA, REF DTL 18/7.1



REFLECTED CEILING PLAN

1/4" = 1' - 0"

2



DEMOLITION REFLECTED CEILING PLAN

1/4" = 1' - 0"

1

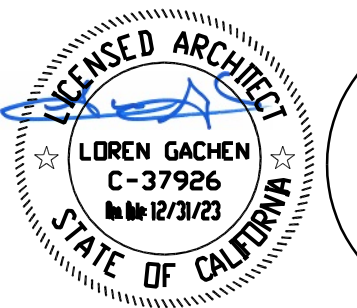


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HONEYBEE POOL RENOVATION

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CONSULTANT

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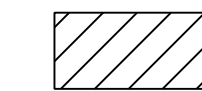

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DATE: 02/25/2022 SCALE: 1/4" = 1'-0"
PROJECT NUMBER: 2010200

EXISTING ROOF PLAN
AND
NEW ROOF PLAN

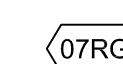
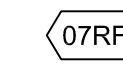
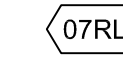
DRAWING NUMBER: **A4.1**

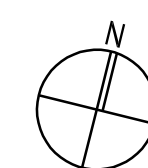
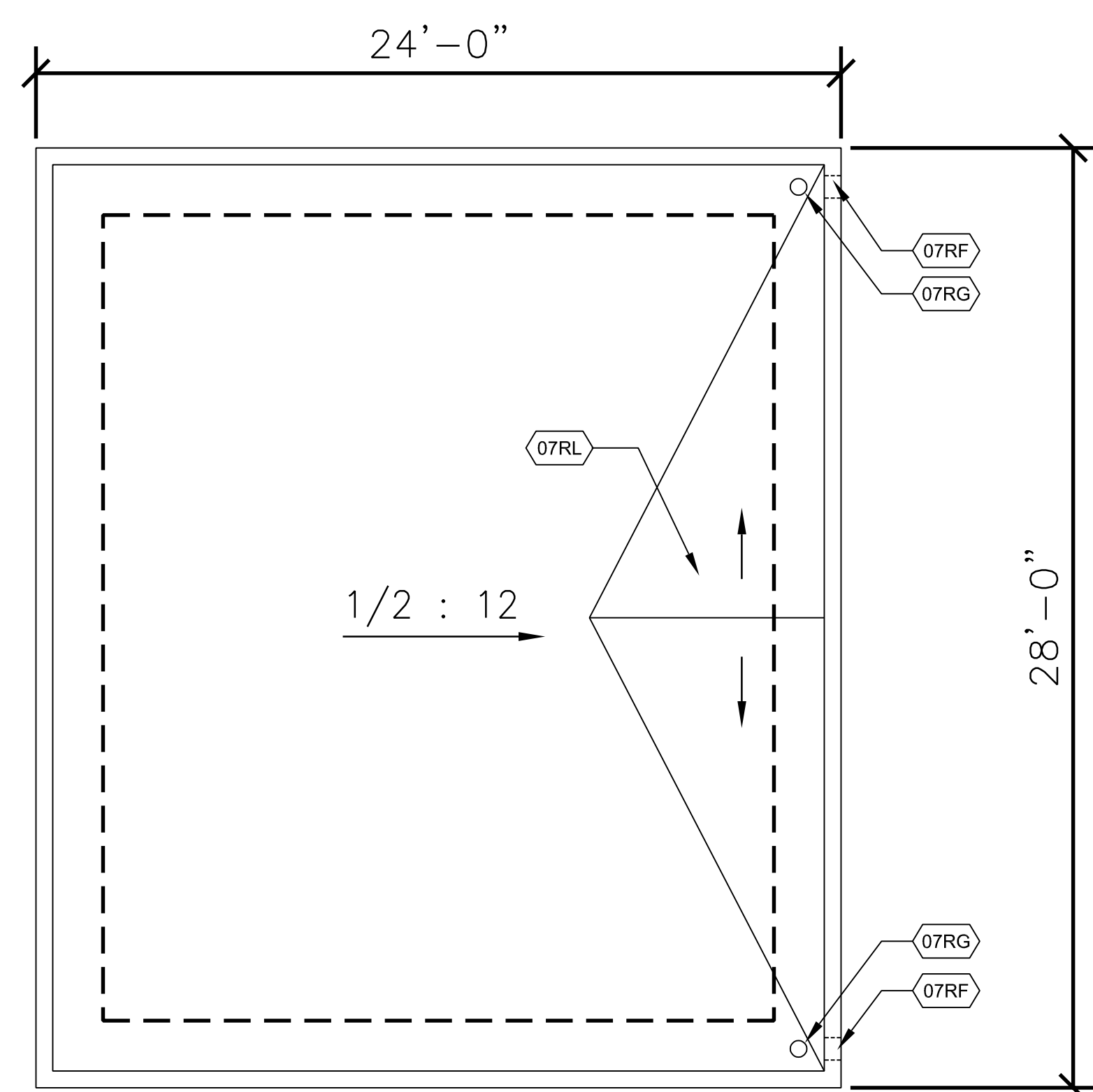
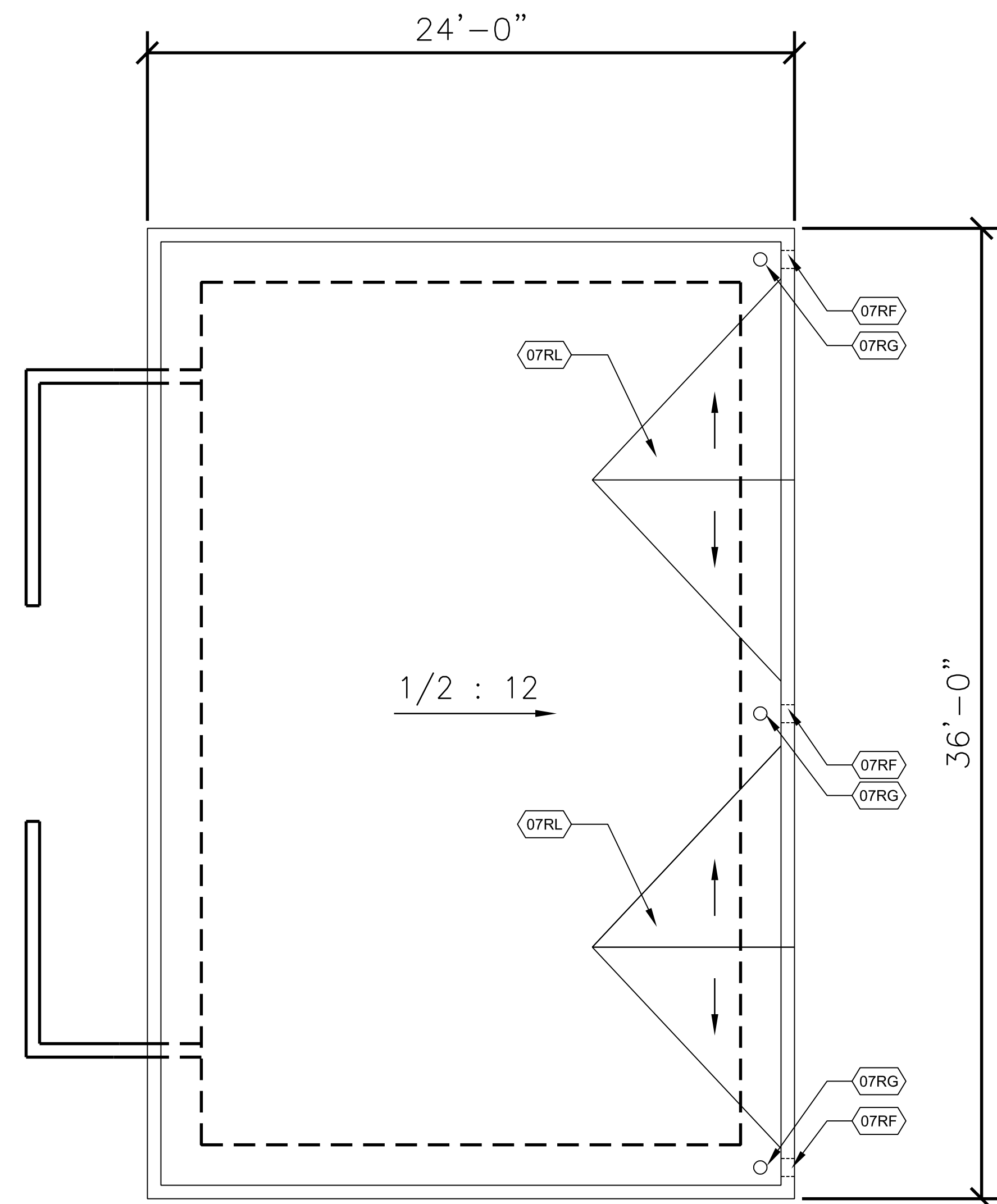
100% CD SUBMITTAL

LEGEND

-  DEMOLISH HEATING ROOF PANES
-  ROOF DRAIN

REFERENCE NOTES

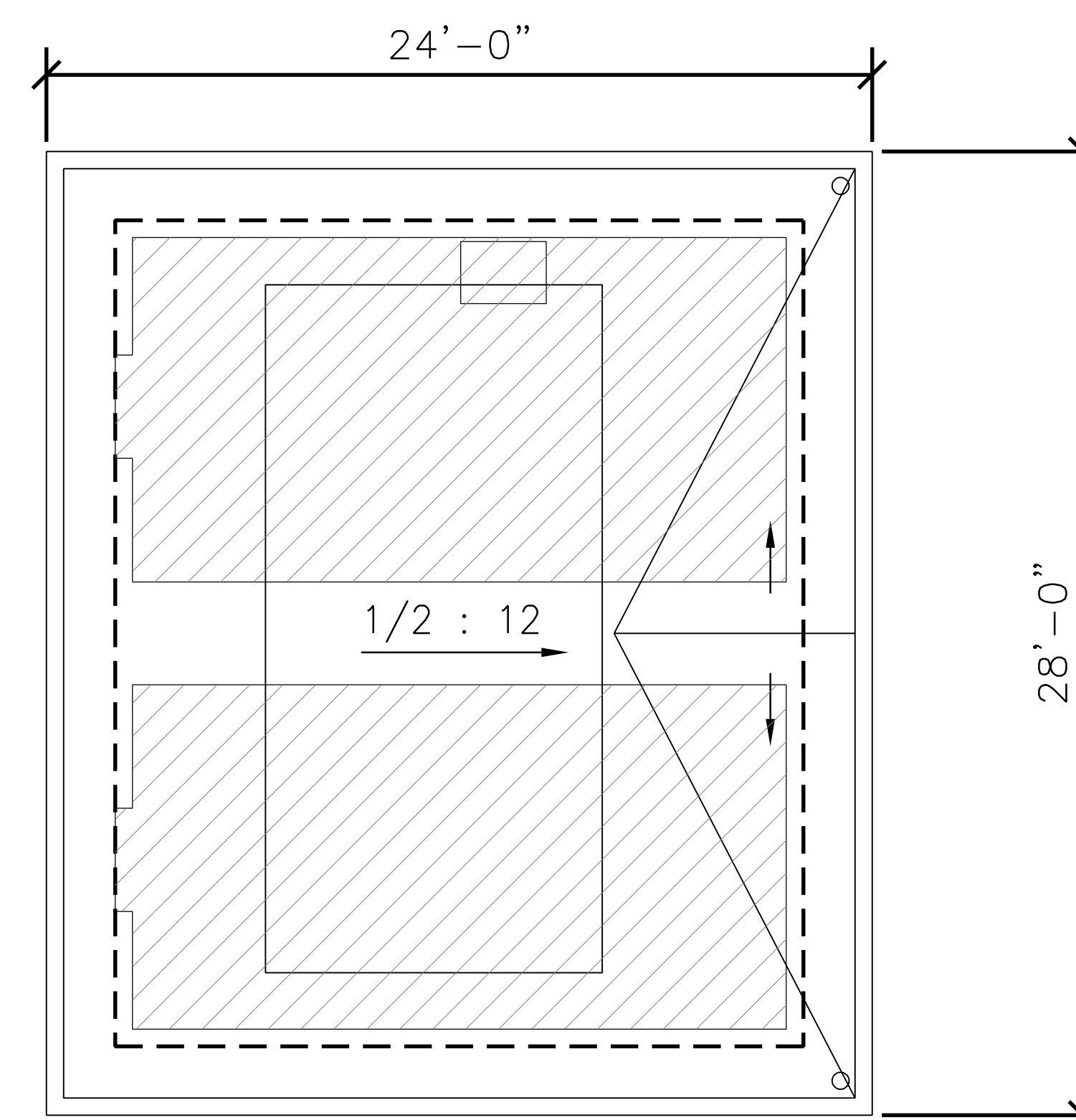
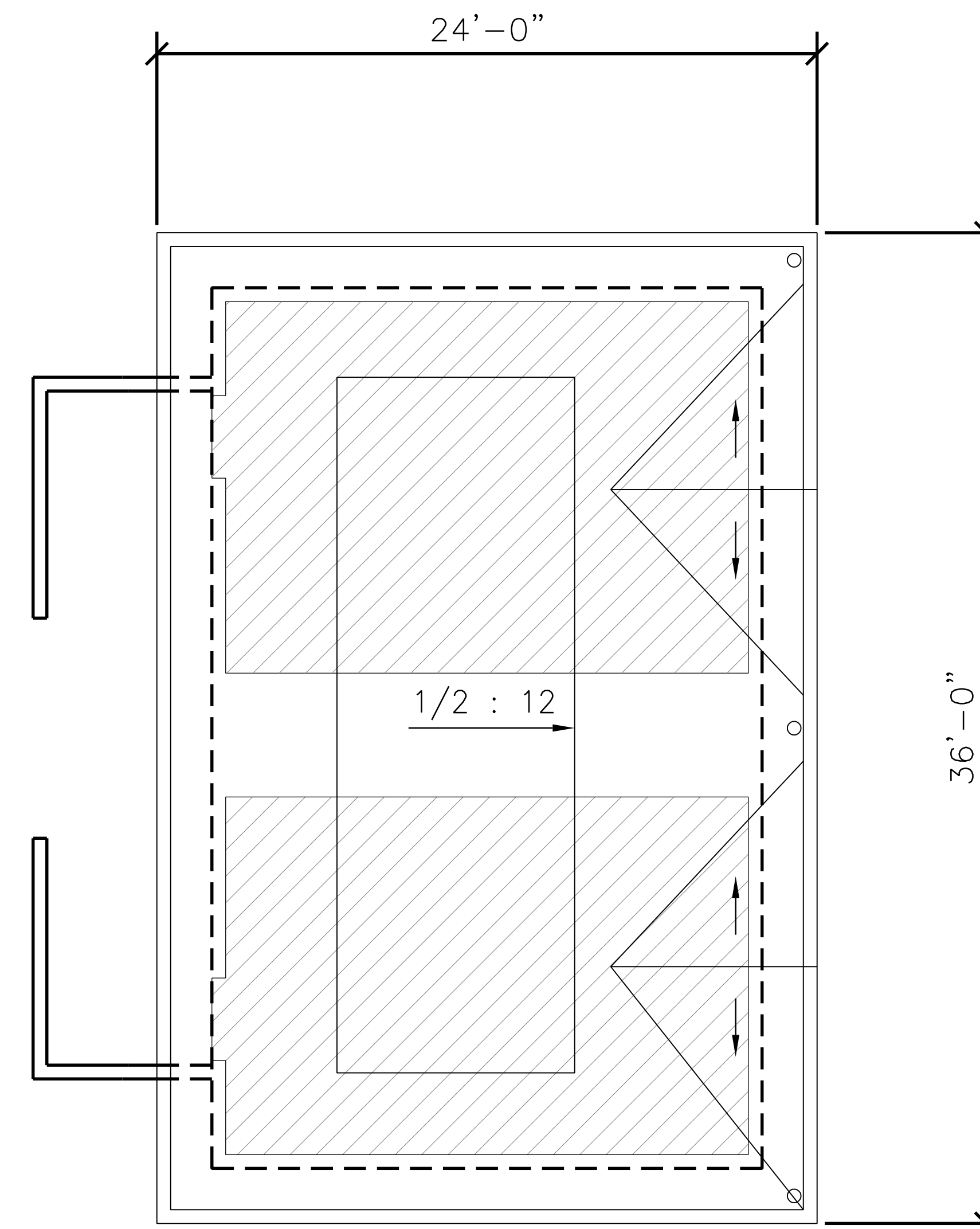
-  ROOF DRAIN. SEE DETAIL 2 & 4/7.1
-  SHEET METAL OVER FLOW SCUPPER. SEE DETAIL 10/7.1
-  CRICKET. SEE DETAIL 1/7.1



ROOF PLAN

1/4" = 1' - 0"

2

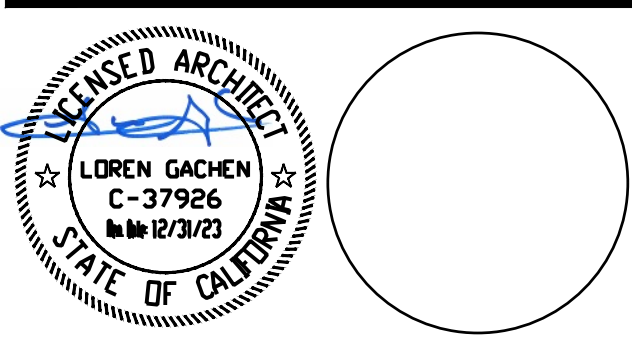


EXISTING ROOF PLAN

1/4" = 1' - 0"

1

HONEYBEE POOL RENOVATION
 CITY OF ROHNERT PARK
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CONSULTANT

VANESSA GARRETT P.E. CE84141 DATE
 CITY ENGINEER

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 DATE: 02/25/2022 SCALE: 1/4" = 1'-0"
 PROJECT NUMBER: 2010200

EXTERIOR ELEVATIONS

DRAWING NUMBER: **A5.1**

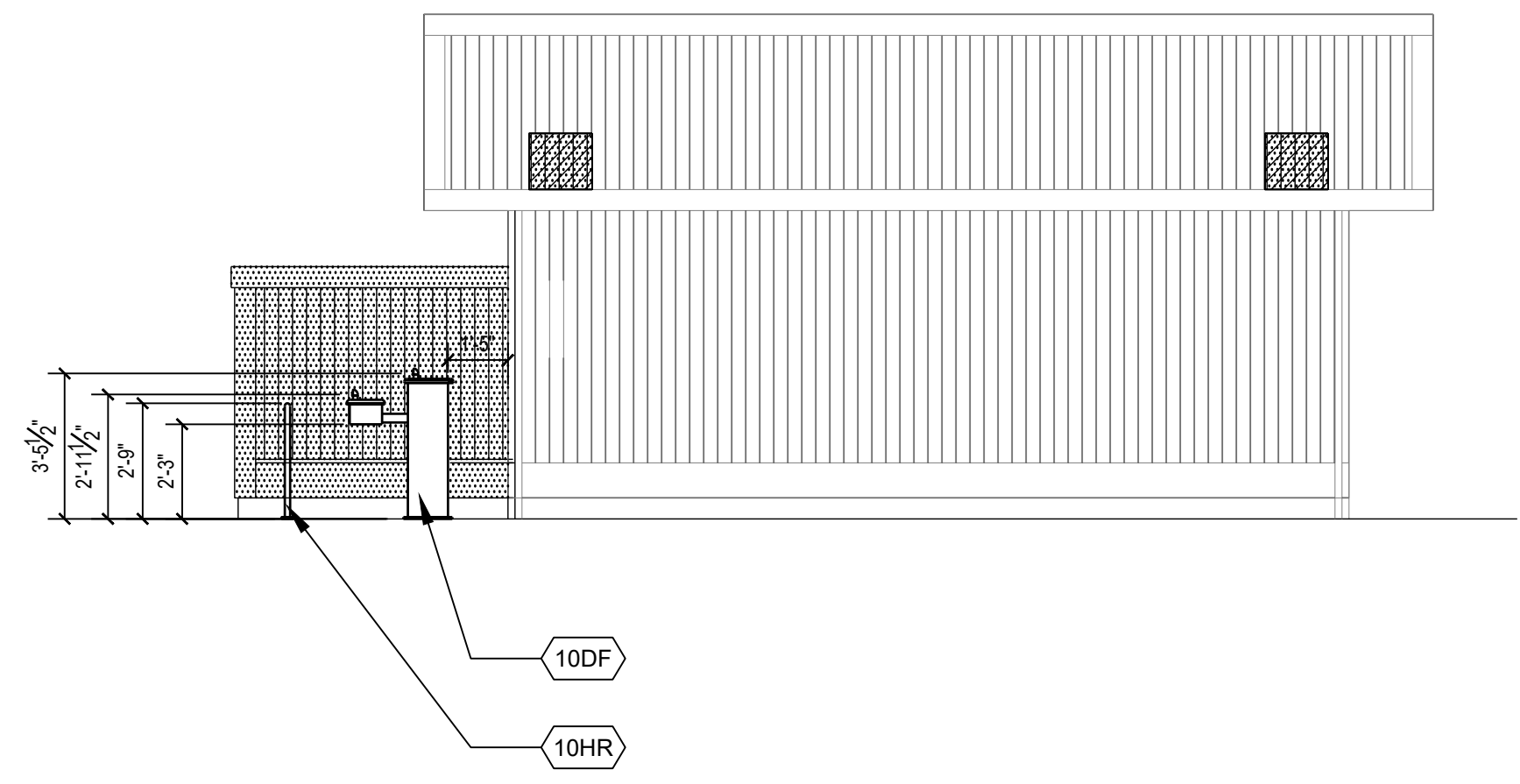
LEGEND

- DEMOLISH (E) SIDING & REPLACE WITH (N) FIBER CEMENT SIDING. SEE SPECS.
- (E) WD SIDING AND TRIM TO REMAIN.
- DEMO (E) LOUVERS, PATCH AND REPAIR WALL, AND FINISH TO MATCH ADJACENT FINISH.

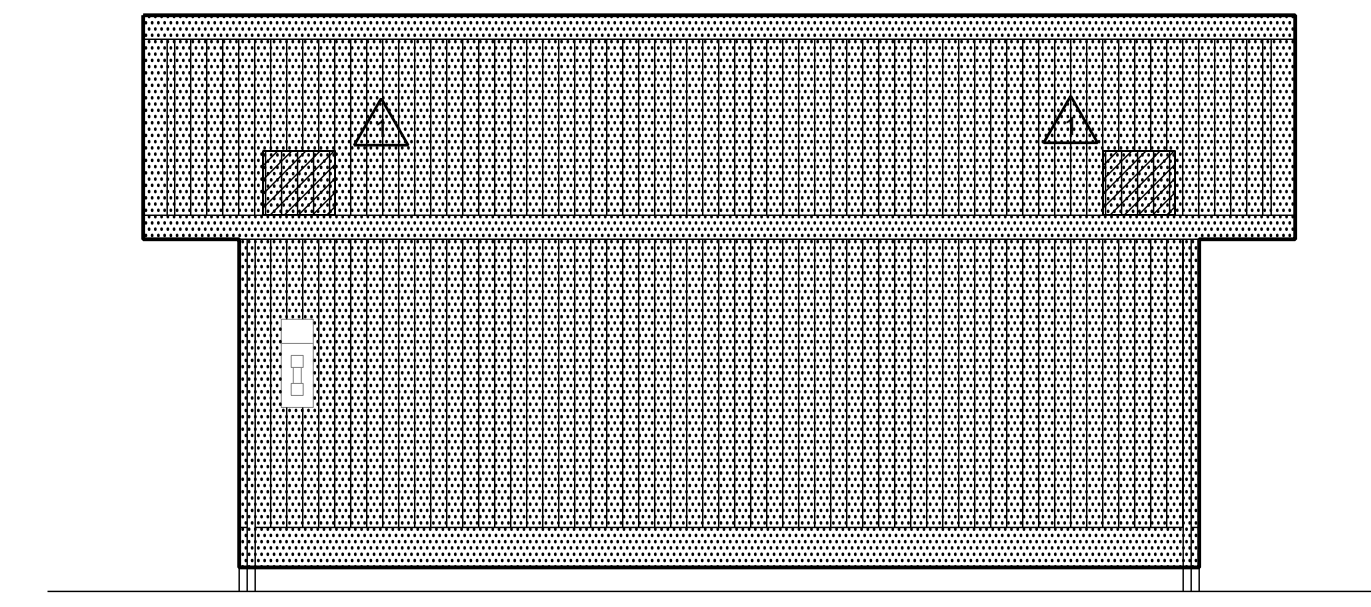
NOTE:
 1. DEMO ALL DAMAGED WOOD CEDAR TRIM & REPLACE WITH NEW. PAINT TO MATCH ADJACENT FINISH COLOR.
 2. PAINT ALL EXISTING EXTERIOR SIDINGS THAT ARE TO REMAIN TO MATCH ADJACENT FINISH.
 3. PAINT ALL EXISTING CEDAR TRIMS THAT ARE TO REMAIN TO MATCH ADJACENT FINISH.

REFERENCE NOTES

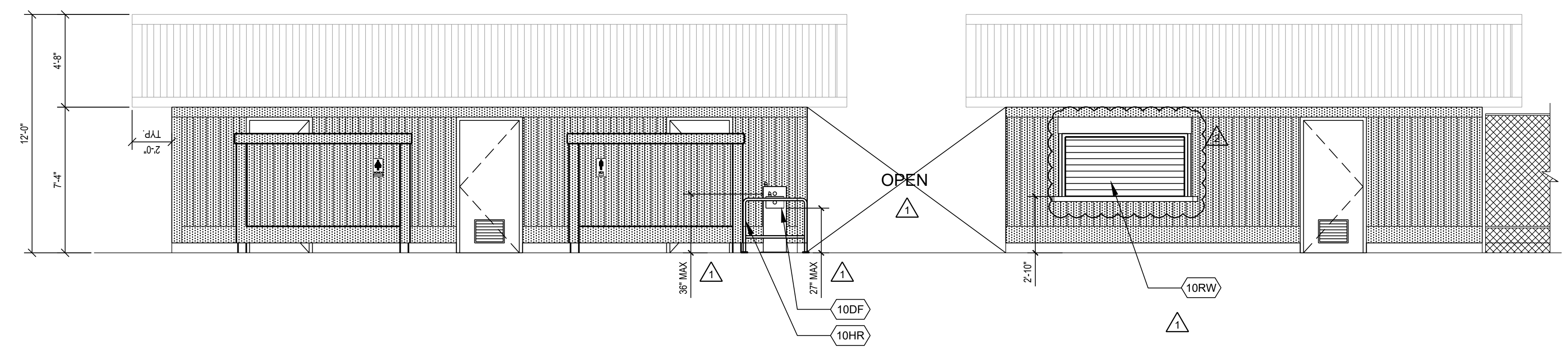
- (E) STEEL ROLL-UP WINDOW TO REMAIN
- METAL LOCKERS, REF DTL 5/6.2
- (E) METAL LOCKERS TO BE MOUNTED BACK TO ORIGINAL LOCATION. PROVIDE 2X6 PRESSURE TREATED WOOD BLOCK AND CLOSE ALL SIDES, REF SIM DTL 5/6.2
- METAL DOWNS SPOUT
- SHEET METAL OVER FLOW SCUPPER SEE DETAIL 10/7.1
- DOWNSPOUTS BRACKET, REF DTL 13/7.1
- COLLECTOR BOX, REF DTL 16/7.1
- HIGH - LOW DRINKING FOUNTAIN, REF DTL 3/2.1
- ROLL-UP DOOR, REF DTL 10/8.1
- (N) GUARDRAIL, SEE DETAIL 10/2.1
- (E) LOUVER TO REMAIN AND PROTECT IN PLACE



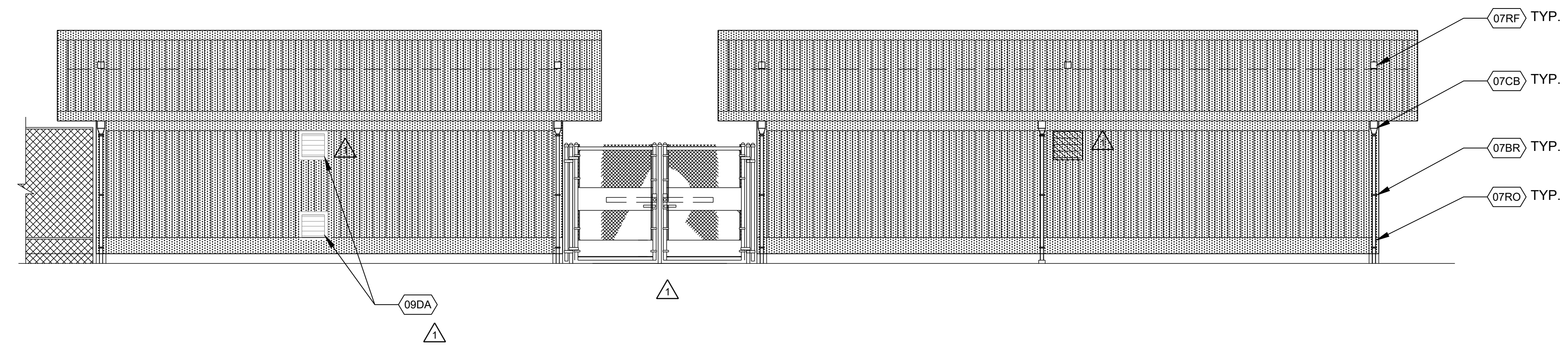
SOUTH ELEVATION TOILET ROOMS 1/4" = 1' - 0" 6



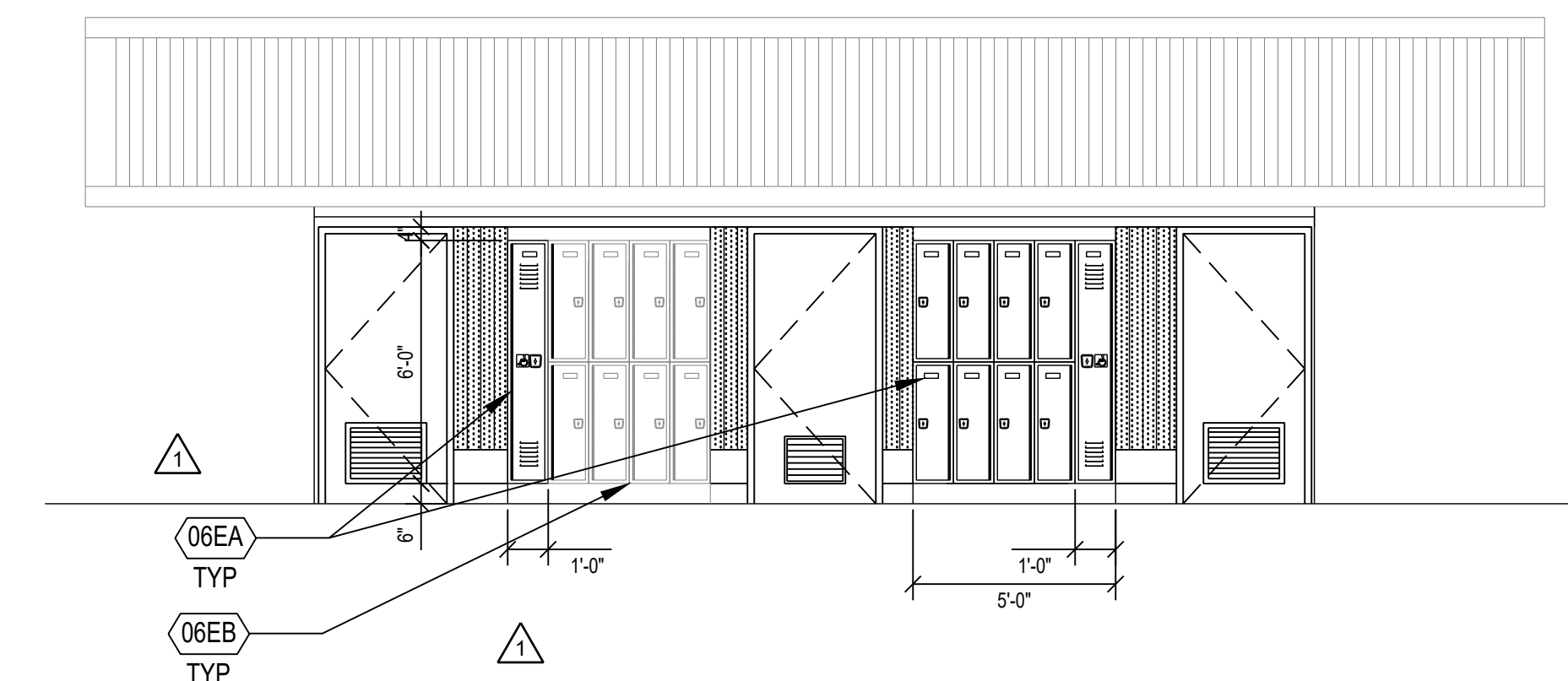
SOUTH ELEVATION OFFICE / CONCESSION 1/4" = 1' - 0" 1



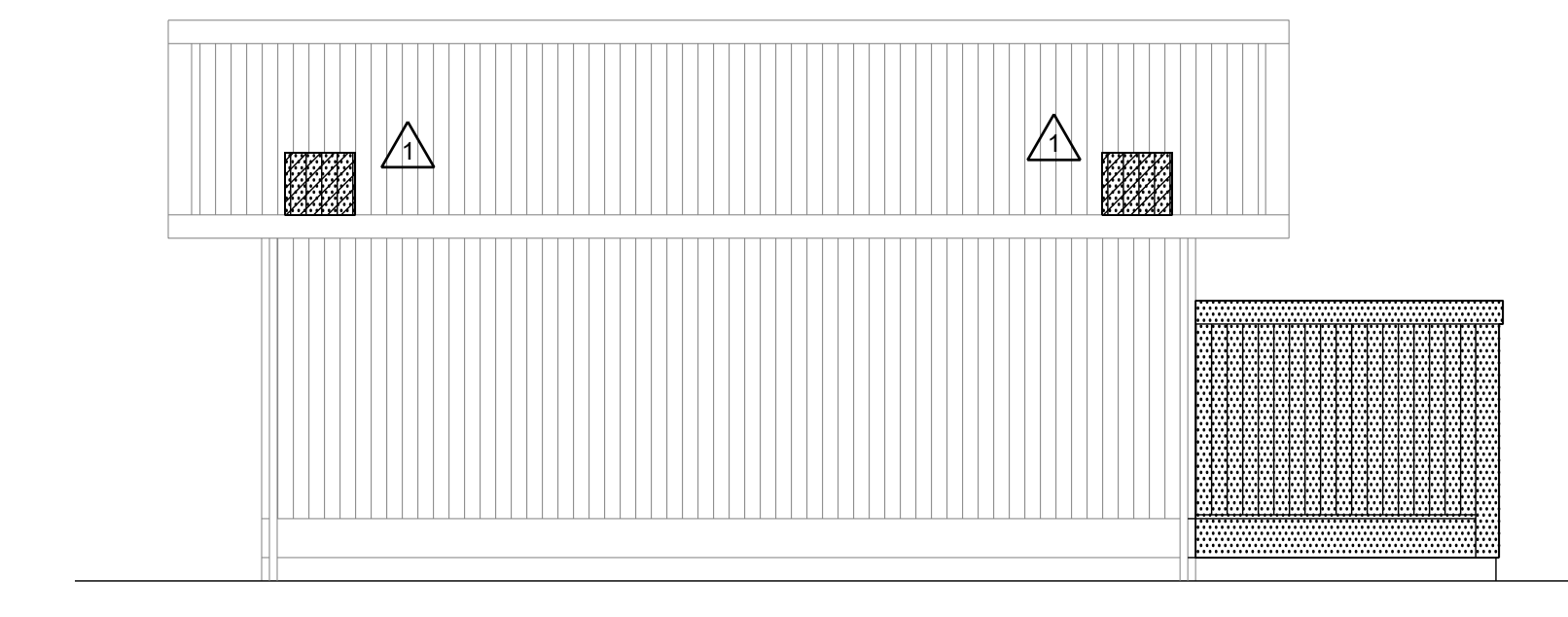
WEST ELEVATION TOILET ROOM & CONCESSION / OFFICE 1/4" = 1' - 0" 2



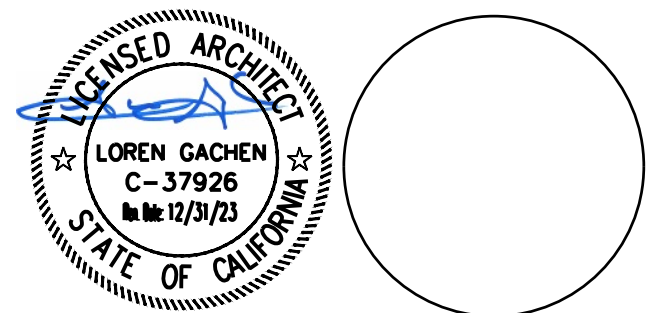
EAST ELEVATION CONCESSION / OFFICE & TOILET ROOMS 1/4" = 1' - 0" 3



WEST ELEVATION LOCKERS 1/4" = 1' - 0" 5



NORTH ELEVATION TOILET ROOMS (CONCESSIONS / OFFICE SIM.) 1/4" = 1' - 0" 4



CONSULTANT

VANESSA GARRETT P.E. CE#4141 DATE

| REVISION SCHEDULE | | | |
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| Δ | 12/02/2022 | | AGENCY PLAN REVIEW |
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DRAWN: OE / VP CHECKED: OE
DATE: 02/25/2022 SCALE: 1/4" = 1'-0"
PROJECT NUMBER: 2010200

INTERIOR ELEVATIONS

DRAWING NUMBER: **A7.1**

LEGEND

- FIBER REINFORCE PLASTIC, REF DTL 16/6.2, REF DTL 5/- FOR OUTSIDE CORNER SCHLUTER
- 12" x 24" PORCELAIN TILE, REF DTL 5/- FOR OUTSIDE CORNER SCHLUTER

MIRROR, SOAP DISPENSER, LAVATORY, REF SCHED, EPOXY COVE BASE, BABY CHANGING FOLDING TABLE, 24X48 ADA BENCH, RESTROOM PARTITION, COVER SEAT DISP, WATER CLOSET, URINAL, SHOWER HEAD, ADA FOLDING SHOWER SEAT, GRAB BAR, EPOXY COVE BASE

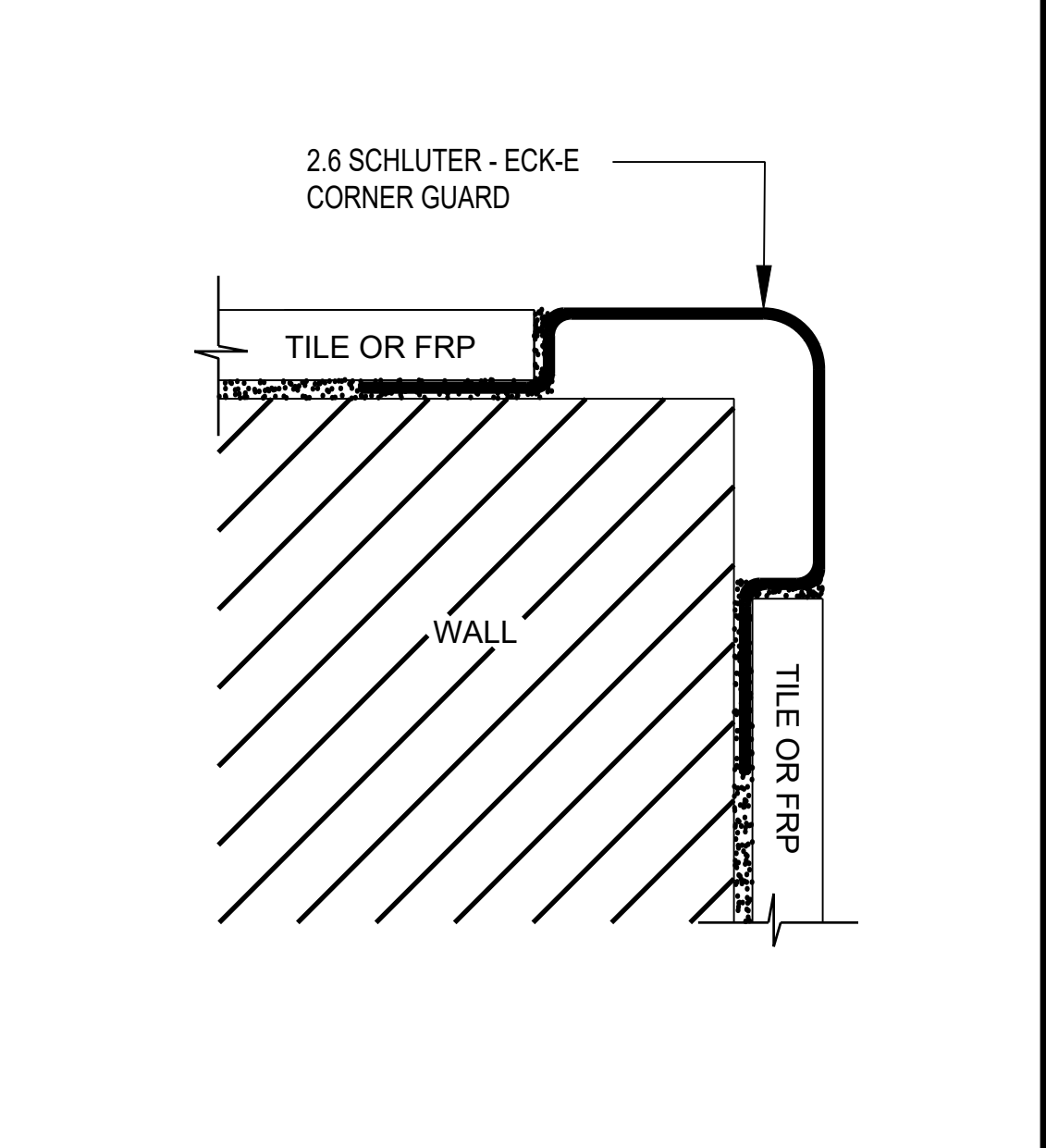
FOR MOUNTING HEIGHTS REF 4/10.2

FOR MOUNTING HEIGHTS REF 4/10.2

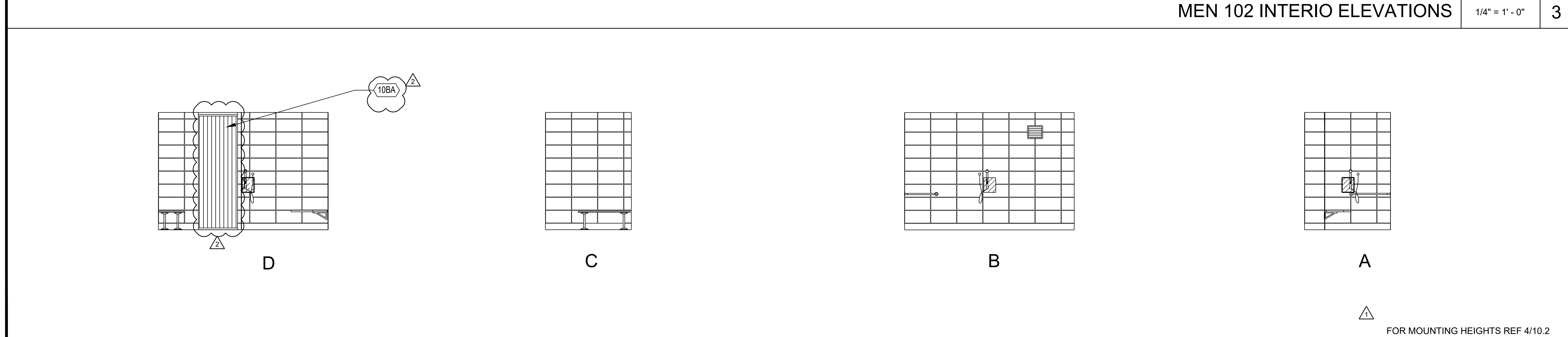
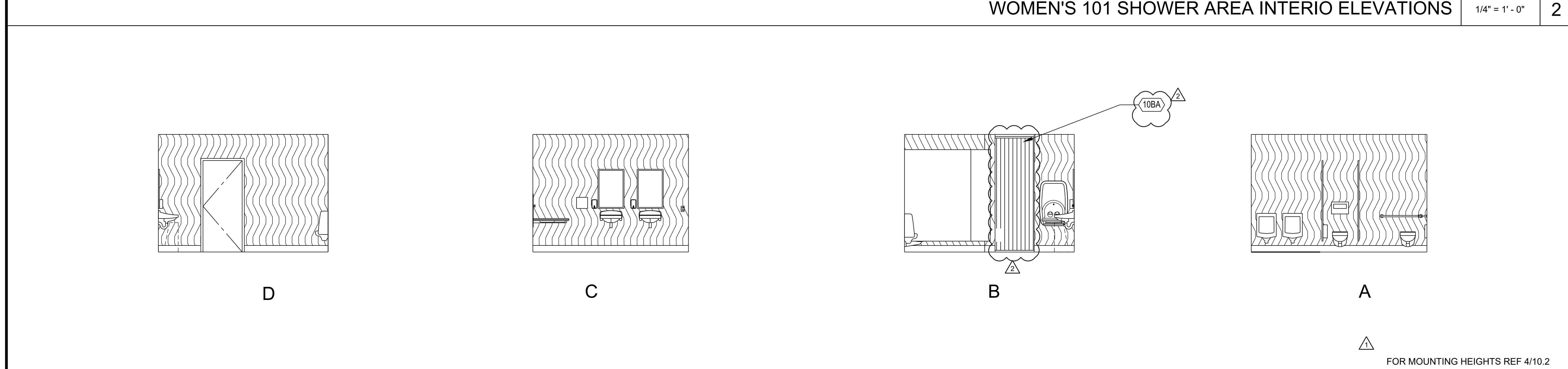
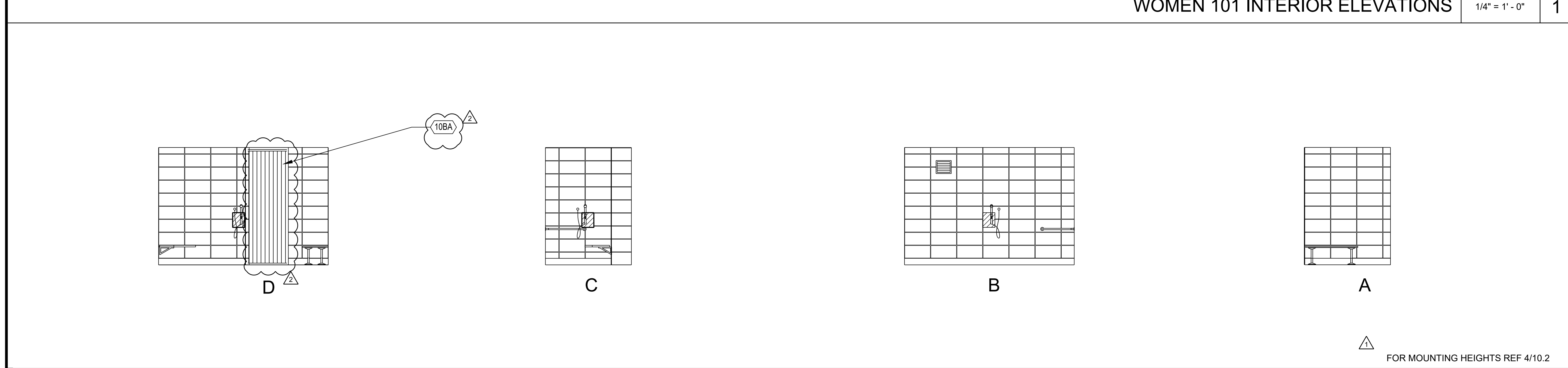
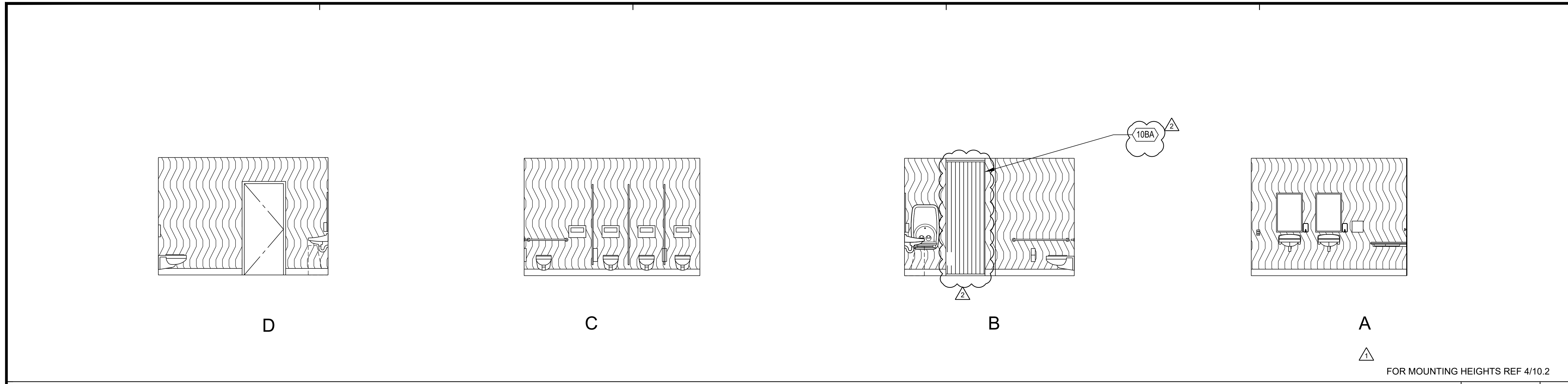
SHOWER AREA PLAN

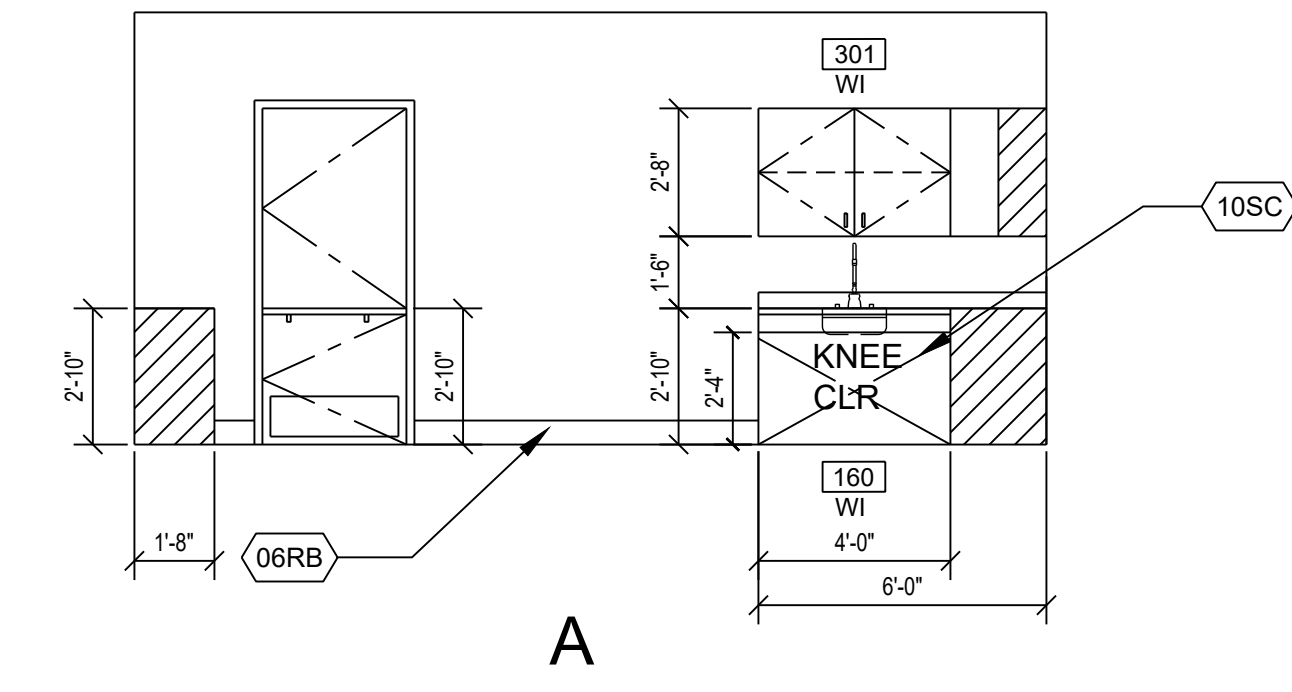
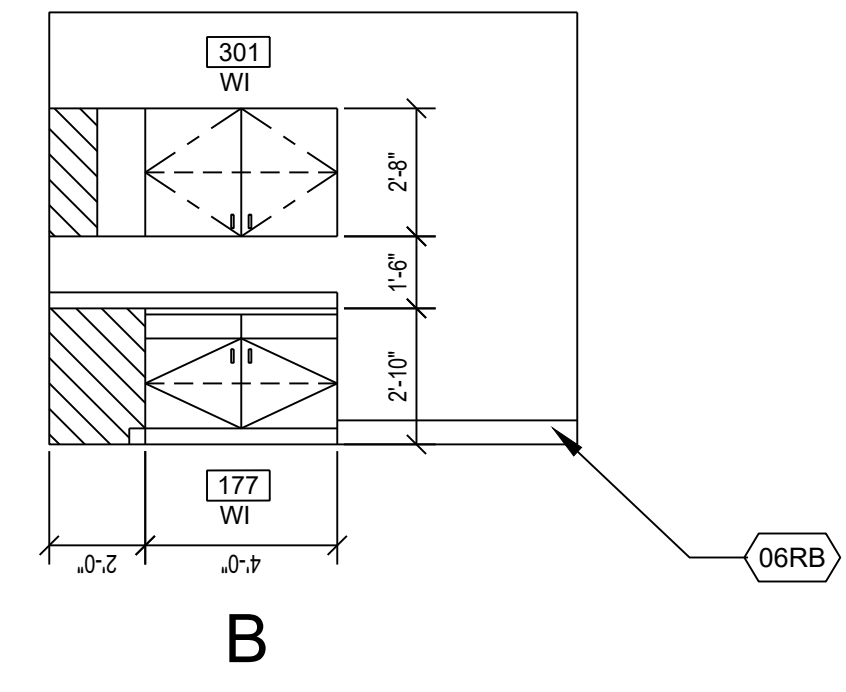
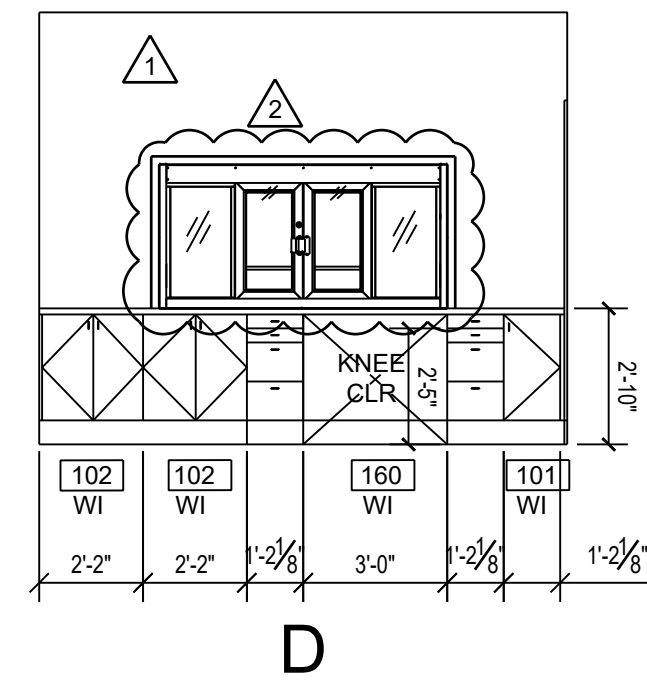
WALL FINISH AT SHOWER AREA WOMEN 101 & MEN 102 SIM

- REFERENCE NOTES**
- 09DL 12" x 24" PORCELAIN TILE TO TOP OF CEILING
 - 09VE FIBER REINFORCED PLASTIC TO TOP OF CEILING
 - 10BA CURTAIN ROD W/ SHOWER CURTAIN, REF TO SPEC



Δ OUTSIDE CORNER DETAIL NTS 5





REFERENCE NOTES

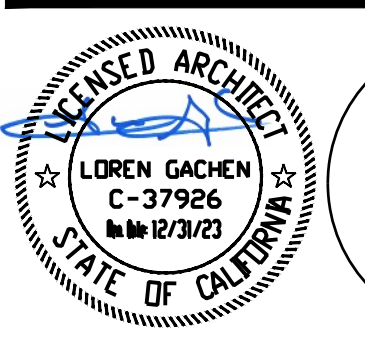
- (10SC) ACCESSIBLE SINK CABINET. SEE DETAIL 5/6.1
- (06RB) 6" RUBBER BASE



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HONEYBEE POOL RENOVATION
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CONCESSION 104 INTERIOR ELEVATIONS 1/4" = 1' - 0" 1



CONSULTANT

VANESSA GARRETT P.E. CE84141 DATE
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DRAWN: OE / VP CHECKED: OE
 DATE: 02/25/2022 SCALE: 1/4" = 1' - 0"
 PROJECT NUMBER: 2010200

INTERIOR ELEVATIONS

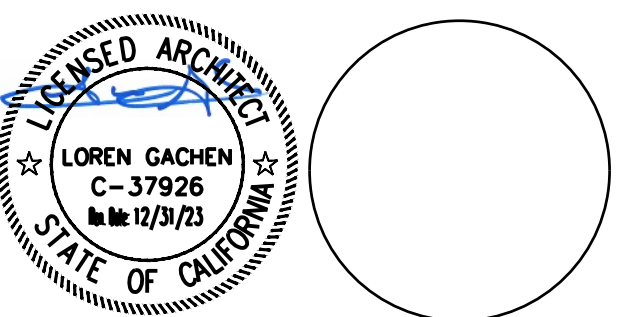
DRAWING NUMBER: **A7.2**



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VANESSA GARRETT P.E. CE24411 DATE

| REVISION SCHEDULE | | | |
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| △ | 12/02/2022 | | AGENCY PLAN REVIEW |
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DRAWN: DATE: 02/25/2022 PROJECT NUMBER: 2010200
CHECKED: SCALE:

ROOM FINISH SCH. AND DOOR & FRAME SCH.

DRAWING NUMBER: **A8.1**

ROOM FINISH SCHEDULE

| # | ROOM NAME | FLOOR SUBSTRATE | BASE FIN | WALL MATERIAL | | | | CEILING | | WNSCOT | | FINISHES | | | REMARKS | DOOR MARK | DOOR | | | | | | FRAME | | | | | | REMARKS | | | | | | |
|-----|-------------------|-----------------|----------|---------------|-----|-----|-----|---------|-------|--------|----|----------|-------|---------|---------|-----------|--------------|-------|-----------|-------|--------|--------|-------|-----|------|-------|---------|---|-----------|-------|-------|---|----|----|--------------------------|
| | | | | N | E | S | W | MTL | HT | MTL | HT | FLOOR | WALLS | CEILING | | | NOMINAL SIZE | MTL | TYPE | GLASS | DETAIL | LOUVER | | MTL | TYPE | GLASS | DETAILS | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101 | WOMEN | CONC | ECB | GYP | GYP | GYP | GYP | GYP | 9'-0" | - | - | EPY | FRP | PNT | 1 | A-01 | 3'-0" | 7'-0" | 0'-1 3/4" | HM | B | △ | - | 24" | 18" | HM | 1 | - | 3/8.1 SIM | 3/8.1 | 4/8.1 | - | 01 | NR | 24" x 18" OA DOOR LOUVER |
| | WOMEN SHOWER AREA | CONC | ECB | GYP | GYP | GYP | GYP | GYP | 9'-0" | - | - | EPY | PT | PNT | 1 & 2 | A-02 | 3'-0" | 7'-0" | 0'-1 3/4" | HM | B | - | - | 14" | 18" | HM | 1 | - | 3/8.1 SIM | 3/8.1 | 4/8.1 | - | 02 | NR | 14" x 18" OA DOOR LOUVER |
| 102 | MEN | CONC | ECB | GYP | GYP | GYP | GYP | GYP | 9'-0" | - | - | EPY | FRP | PNT | 1 | A03 | 3'-0" | 7'-0" | 0'-1 3/4" | HM | B | △ | - | 24" | 18" | HM | 1 | - | 3/8.1 SIM | 3/8.1 | 4/8.1 | - | 01 | NR | 24" x 18" OA DOOR LOUVER |
| | MEN SHOWER AREA | CONC | ECB | GYP | GYP | GYP | GYP | GYP | 9'-0" | - | - | EPY | PT | PNT | 1 & 2 | | | | | | | | | | | | | | | | | | | | |
| 103 | JANITOR | (ESC) | ECB | GYP | GYP | GYP | GYP | GYP | 9'-0" | - | - | EPY | PNT | PNT | 1 | B-01 | 3'-0" | 7'-0" | 0'-1 3/4" | HM | C | - | - | 14" | 18" | HM | 2 | - | 3/8.1 SIM | 3/8.1 | 4/8.1 | - | 03 | NR | - |
| 104 | CONCESSION | (E) | RB | (E) | (E) | (E) | (E) | GYP | 9'-0" | - | - | SC | PNT | PNT | 1 | B-02 | 3'-0" | 7'-0" | 0'-1 3/4" | HM | B | △ | - | 14" | 18" | HM | 1 | - | 3/8.1 SIM | 3/8.1 | 4/8.1 | - | 04 | NR | 14" x 18" OA DOOR LOUVER |
| 105 | OFFICE | (E) | RB | (E) | (E) | (E) | (E) | GYP | 9'-0" | - | - | SC | PNT | PNT | 1 | B-03 | 3'-0" | 7'-0" | 0'-1 3/4" | WD | D | LAM | - | - | - | WD | 1 | - | 3/8.1 SIM | 3/8.1 | 4/8.1 | - | 05 | NR | |
| 106 | CLOSET | (E) | (E) | (E) | (E) | (E) | (E) | GYP | 9'-0" | - | - | SC | PNT | PNT | 1 | B-04 | 3'-0" | 7'-0" | 0'-1 3/4" | WD | D | LAM | - | - | - | WD | 1 | - | 7/8.1 SIM | 7/8.1 | 8/8.1 | - | 05 | NR | △ |
| 107 | CLOSET | (E) | (E) | (E) | (E) | (E) | (E) | GYP | 9'-0" | - | - | SC | PNT | PNT | 1 | B-05 | 3'-0" | 7'-0" | 0'-1 3/4" | WD | D | LAM | - | - | - | WD | 1 | - | 7/8.1 SIM | 7/8.1 | 8/8.1 | - | 05 | NR | |

| ROOM FINISH MATERIALS KEY | REMARKS REFERENCE SCHEDULE |
|---|--|
| <p>CONC - CONCRETE</p> <p>PT - PORCELAIN TILE:</p> <ul style="list-style-type: none"> EXT WALL CONDITION - REF DTL 17/6.1 INT WALL CONDITION - WALL TYPE PER PLAN <p>ECB - EPOXY COVE BASE</p> <p>EPY - EPOXY RESIN</p> <ul style="list-style-type: none"> @ SHOWER AREAS - PROVIDE HYDRIFLEX EQ - DECORATIVE QUARTZ BROADCAST SYSTEM BY DUR-A-FLEX OR APPROVED EQUAL. SPECIFIED EPOXY FLOOR ARE NON-SLIP. SEE SPECIFICATION SECTION 09 67 26 <p>GYP - GYPSUM BOARD</p> <p>PNT - PAINT</p> <p>FRP - FIBER REINFORCED PLASTIC:</p> <ul style="list-style-type: none"> EXT WALL CONDITION - REF DTL 18/6.1 INT WALL CONDITION - WALL TYPE PER PLAN <p>RB - RUBBER BASE</p> <p>WD - WOOD</p> <p>(E) - EXISTING</p> <p>(ESC) - EXISTING SEALED CONCRETE</p> <p>SC - SEALED CONCRETE</p> | <p>1. REFER TO PAINTING SPECIFICATIONS FOR COLOR SCHEDULE</p> <p>2. 12" x 24" PORCELAIN TILE</p> |

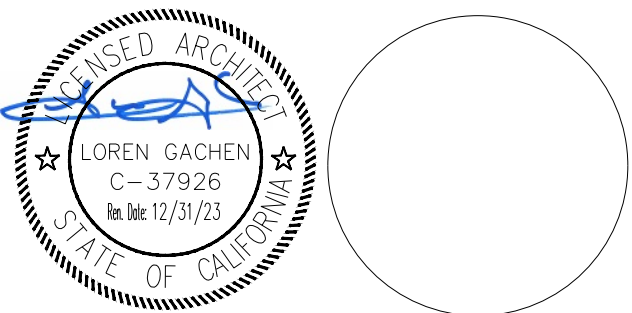
| ROOM FINISH MATERIALS KEY |
|---|
| <p>ROOM FINISH SCHEDULE COLUMN REFERENCE GUIDE</p> <ol style="list-style-type: none"> ROOM LOCATION: LOCATION OF ROOM IN BUILDING COMPLEX, I.E., FIRST FLOOR, THIRD FLOOR, AREA A, AREA B, BUILDING A, BUILDING B, ETC. ROOM NUMBER: SPECIFIC NUMBER ASSIGNED TO INDIVIDUAL ROOM. ROOM NAME: DESIGNATES SPECIFIC USAGE OF SPACE. FLOOR MATERIAL: DESIGNATES BASE FLOOR MATERIAL, I.E., LINO-LINOLEUM, CPT-CARPET TILE, SV-SHEET VINYL (HOMOGENEOUS) CONC.-CONCRETE, ETC. BASE FINISH: DESIGNATES BASE FINISH, I.E., RESIL - RESILIENT, CER - CERAMIC TILE, CTS - CERAMIC TILE SANITARY COVE, ETC. WALL MATERIALS: DESIGNATES MATERIAL FROM WHICH WALLS ARE CONSTRUCTED, I.E., CONC - CONCRETE, CMU - CONCRETE MASONRY UNIT, GYP - GYPSUM BOARD, ETC. NUMERICAL DESIGNATION OF WALL REFERS TO WALL NUMBER ORIENTATION DEFINED BY AREA IDENTITY SHOWN ON PLAN. CEILING MATERIAL AND HEIGHT: DESIGNATES MATERIAL FROM WHICH CEILING IS CONSTRUCTED, I.E., G.B. - GYPSUM BOARD, ACT - ACOUSTICAL CEILING TILE, S.G. COAT-SEMI-GLOSS COATING, F.A. PNT-FACTORY APPLIED PAINT, PBD V.- PARTICLE BOARD VENEER, M.F.-MINERAL FIBER, AND THE HEIGHT OF THE FINISHED CEILING FROM THE FINISHED FLOOR LINE EXPRESSED IN FEET AND INCHES. WAINSCOT MATERIAL AND HEIGHT: DESIGNATES ANY WAINSCOTING MATERIAL, I.E., CER - CERAMIC TILE, QT- QUARRY TILE, VWC - VINYL WALLCOVERING, ETC., AND HEIGHT OF WAINSCOT MATERIAL FROM FINISHED FLOOR LINE EXPRESSED IN FEET AND INCHES. FINISHES: DESIGNATES FINAL FINISH OF FLOOR, WALL & CEILING, I.E., CPT - CARPET TILE, PNT - PAINT, VCT - VINYL COMPOSITION TILE, FRP - FIBER REINFORCED PLASTIC, SLD - SEALED, VWC - VINYL WALL COVERING, FBC-FIBER CEMENT BOARD, LINO-LINOLEUM REMARKS: DESIGNATES OR REFERENCES SPECIAL, UNUSUAL OR ABSTRACT CONDITIONS WHICH EXIST AND ARE NOT COVERED IN SCHEDULE ITEMS 1 THRU 9. REFER TO REMARKS REFERENCE SCHEDULE FOR ALPHANUMERICAL DESIGNATION. |

DOOR AND FRAME SCHEDULE

| # | ROOM NAME | FLOOR SUBSTRATE | BASE FIN | WALL MATERIAL | | | | CEILING | | WNSCOT | | FINISHES | | | REMARKS | DOOR MARK | DOOR | | | | | | FRAME | | | | | | REMARKS | | | | | | |
|-----|-------------------|-----------------|----------|---------------|-----|-----|-----|---------|-------|--------|----|----------|-------|---------|---------|-----------|--------------|-------|-----------|-------|--------|--------|-------|-----|------|-------|---------|---|-----------|-------|-------|---|----|----|--------------------------|
| | | | | N | E | S | W | MTL | HT | MTL | HT | FLOOR | WALLS | CEILING | | | NOMINAL SIZE | MTL | TYPE | GLASS | DETAIL | LOUVER | | MTL | TYPE | GLASS | DETAILS | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101 | WOMEN | CONC | ECB | GYP | GYP | GYP | GYP | GYP | 9'-0" | - | - | EPY | FRP | PNT | 1 | A-01 | 3'-0" | 7'-0" | 0'-1 3/4" | HM | B | △ | - | 24" | 18" | HM | 1 | - | 3/8.1 SIM | 3/8.1 | 4/8.1 | - | 01 | NR | 24" x 18" OA DOOR LOUVER |
| | WOMEN SHOWER AREA | CONC | ECB | GYP | GYP | GYP | GYP | GYP | 9'-0" | - | - | EPY | PT | PNT | 1 & 2 | A-02 | 3'-0" | 7'-0" | 0'-1 3/4" | HM | B | - | - | 14" | 18" | HM | 1 | - | 3/8.1 SIM | 3/8.1 | 4/8.1 | - | 02 | NR | 14" x 18" OA DOOR LOUVER |
| 102 | MEN | CONC | ECB | GYP | GYP | GYP | GYP | GYP | 9'-0" | - | - | EPY | FRP | PNT | 1 | A03 | 3'-0" | 7'-0" | 0'-1 3/4" | HM | B | △ | - | 24" | 18" | HM | 1 | - | 3/8.1 SIM | 3/8.1 | 4/8.1 | - | 01 | NR | 24" x 18" OA DOOR LOUVER |
| | MEN SHOWER AREA | CONC | ECB | GYP | GYP | GYP | GYP | GYP | 9'-0" | - | - | EPY | PT | PNT | 1 & 2 | | | | | | | | | | | | | | | | | | | | |
| 103 | JANITOR | (ESC) | ECB | GYP | GYP | GYP | GYP | GYP | 9'-0" | - | - | EPY | PNT | PNT | 1 | B-01 | 3'-0" | 7'-0" | 0'-1 3/4" | HM | C | - | - | 14" | 18" | HM | 2 | - | 3/8.1 SIM | 3/8.1 | 4/8.1 | - | 03 | NR | - |
| 104 | CONCESSION | (E) | RB | (E) | (E) | (E) | (E) | GYP | 9'-0" | - | - | SC | PNT | PNT | 1 | B-02 | 3'-0" | 7'-0" | 0'-1 3/4" | HM | B | △ | - | 14" | 18" | HM | 1 | - | 3/8.1 SIM | 3/8.1 | 4/8.1 | - | 04 | NR | 14" x 18" OA DOOR LOUVER |
| 105 | OFFICE | (E) | RB | (E) | (E) | (E) | (E) | GYP | 9'-0" | - | - | SC | PNT | PNT | 1 | B-03 | 3'-0" | 7'-0" | 0'-1 3/4" | WD | D | LAM | - | - | - | WD | 1 | - | 3/8.1 SIM | 3/8.1 | 4/8.1 | - | 05 | NR | |
| 106 | CLOSET | (E) | (E) | (E) | (E) | (E) | (E) | GYP | 9'-0" | - | - | SC | PNT | PNT | 1 | B-04 | 3'-0" | 7'-0" | 0'-1 3/4" | WD | D | LAM | - | - | - | WD | 1 | - | 7/8.1 SIM | 7/8.1 | 8/8.1 | - | 05 | NR | △ |
| 107 | CLOSET | (E) | (E) | (E) | (E) | (E) | (E) | GYP | 9'-0" | - | - | SC | PNT | PNT | 1 | B-05 | 3'-0" | 7'-0" | 0'-1 3/4" | WD | D | LAM | - | - | - | WD | 1 | - | 7/8.1 SIM | 7/8.1 | 8/8.1 | - | 05 | NR | |

| DOOR & FRAME MATERIALS KEY | DOOR AND FRAME TYPES |
|--|---|
| <p>HM - HOLLOW METAL</p> <p>LAM - LAMINATED GLASS</p> <p>SS - STAINLESS STEEL</p> <p>TG - TEMPERED GLASS</p> <p>WD - WOOD</p> <p>WG - WIRE GLASS</p> <p>(E) - EXISTING</p> | <p>DOOR TYPE B</p> <p>DOOR TYPE C</p> <p>DOOR TYPE D</p> <p>NOTE:</p> <ol style="list-style-type: none"> OPERABLE PARTS OF DOORS AND GATES SHALL BE 34" MIN. TO 44" MAX. A.F.F. OPERABLE PARTS ON DOORS AND GATES SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM. <p>DOOR TYPE 1</p> <p>FRAME TYPE 2 (DUTCH DOOR)</p> <p>SEE SPECIFICATIONS FOR DOOR HARDWARE</p> |

HONEYBEE POOL RENOVATION
CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



CONSULTANT

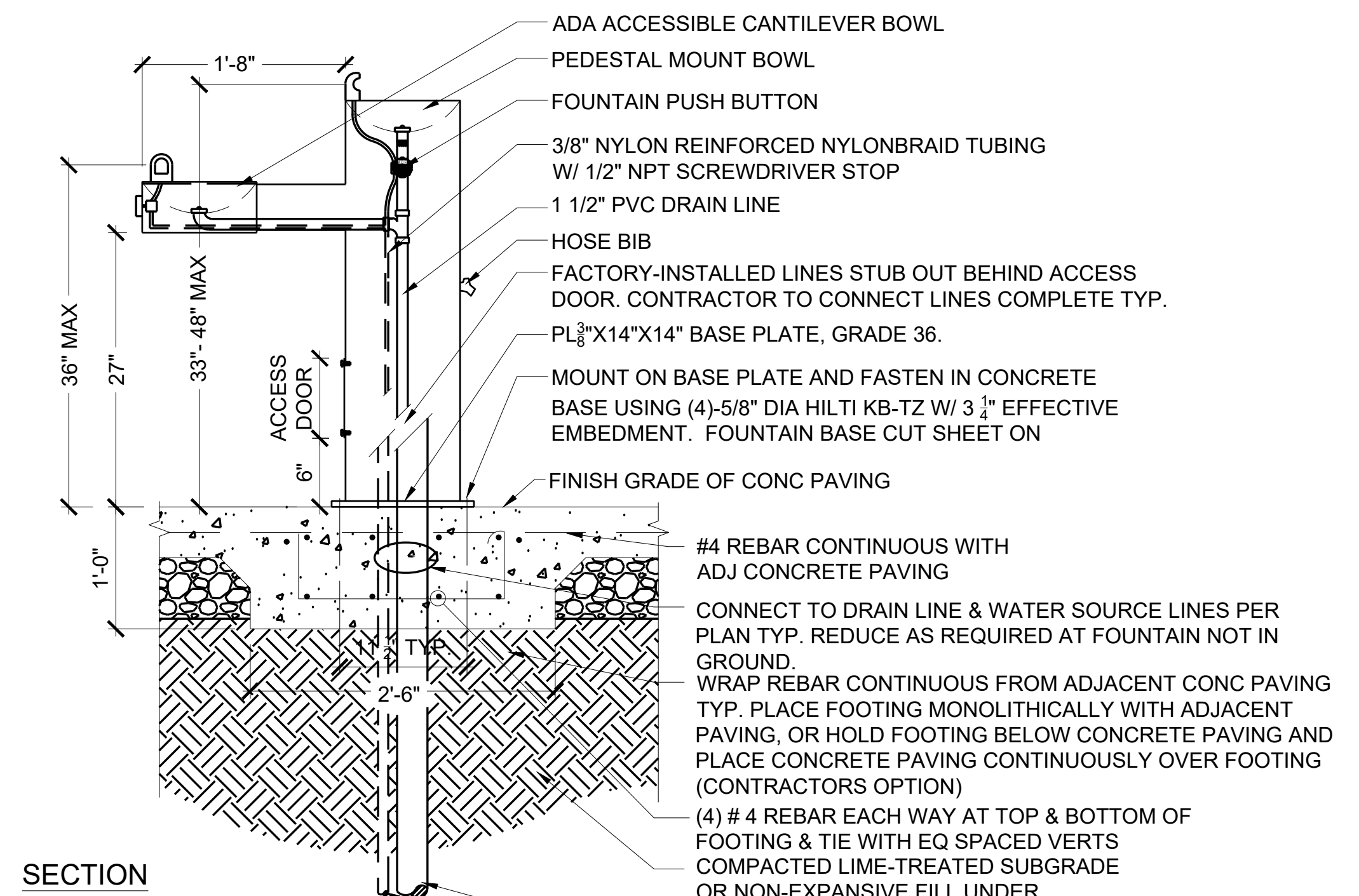
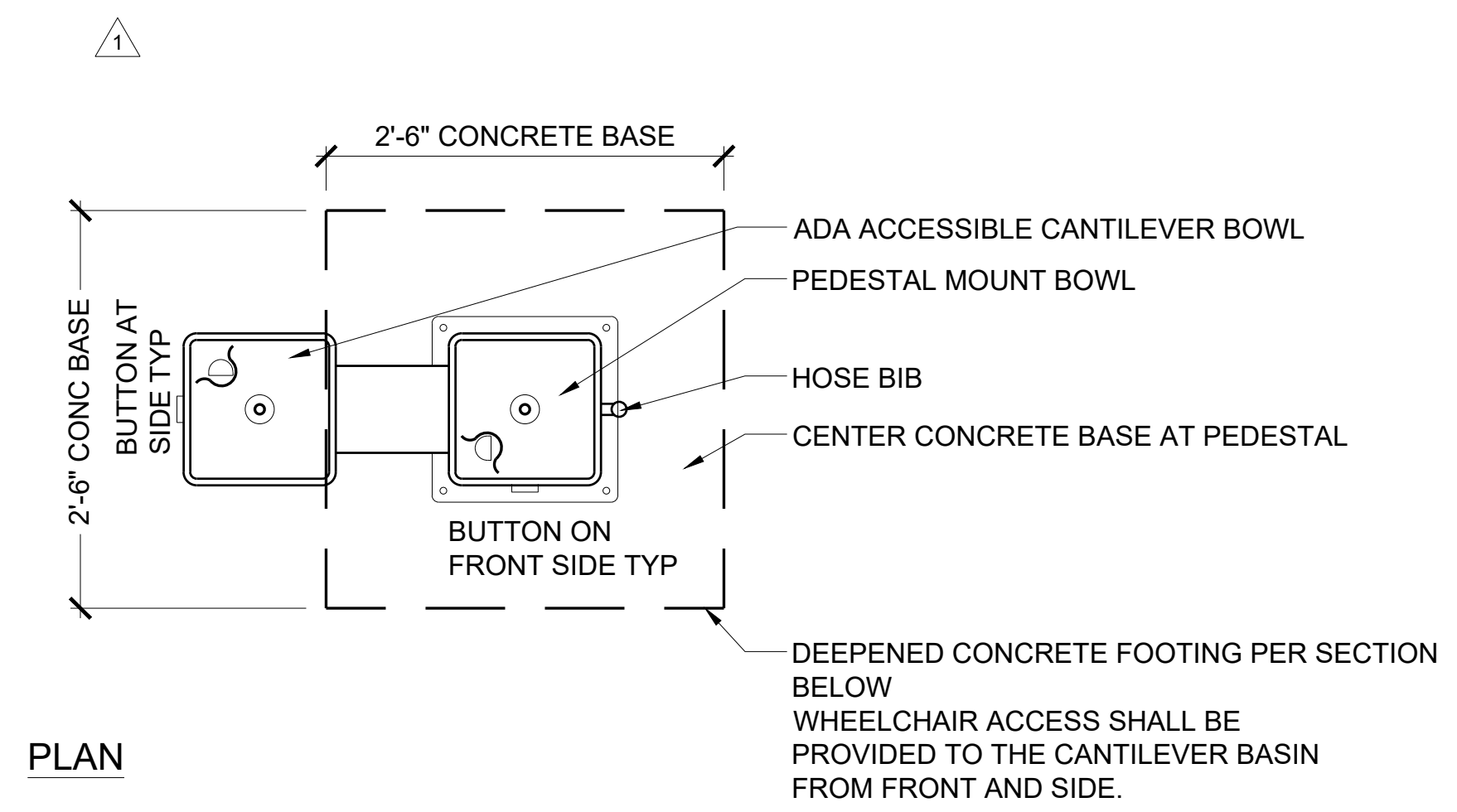
VANESSA GARRETT P.E. CE#4141 DATE
CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| 1 | 11/03/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |

DRAWN: VP CHECKED: OE
DATE: 02/25/2022 SCALE: NONE
PROJECT NUMBER: 2010200

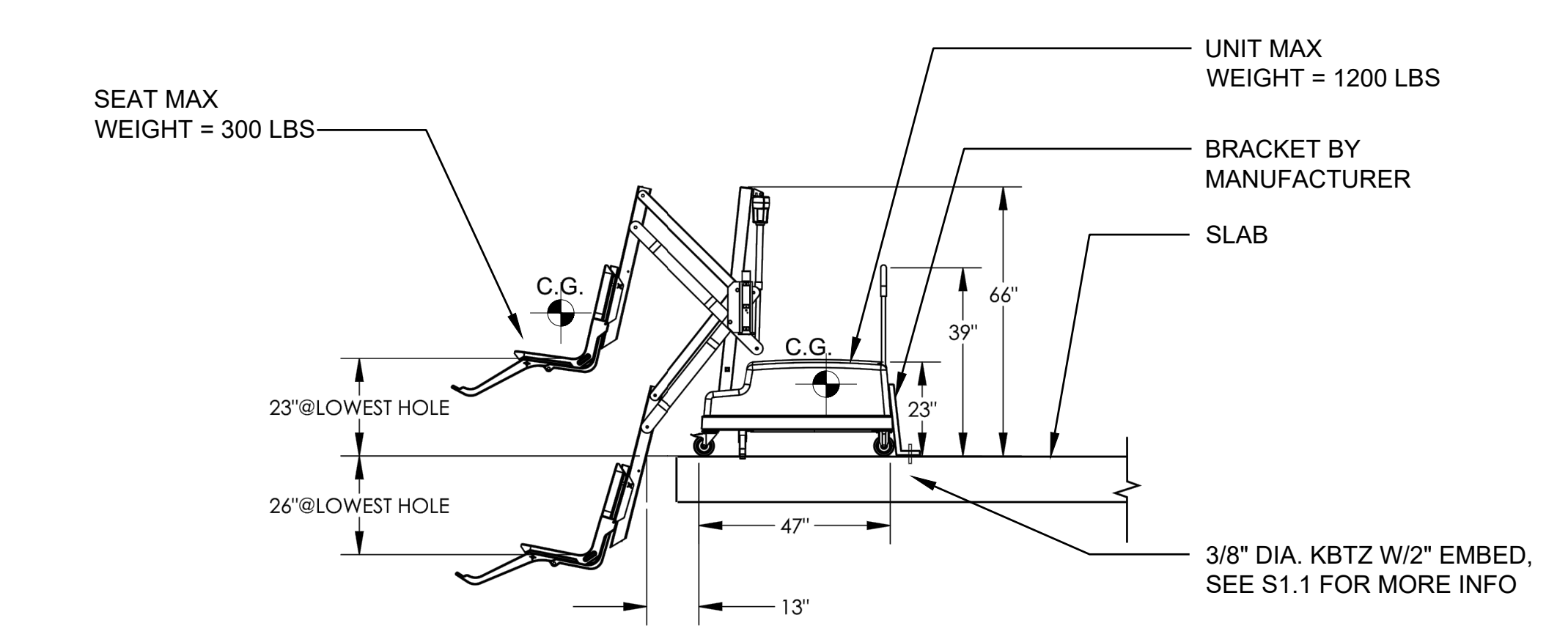
SITE DETAILS

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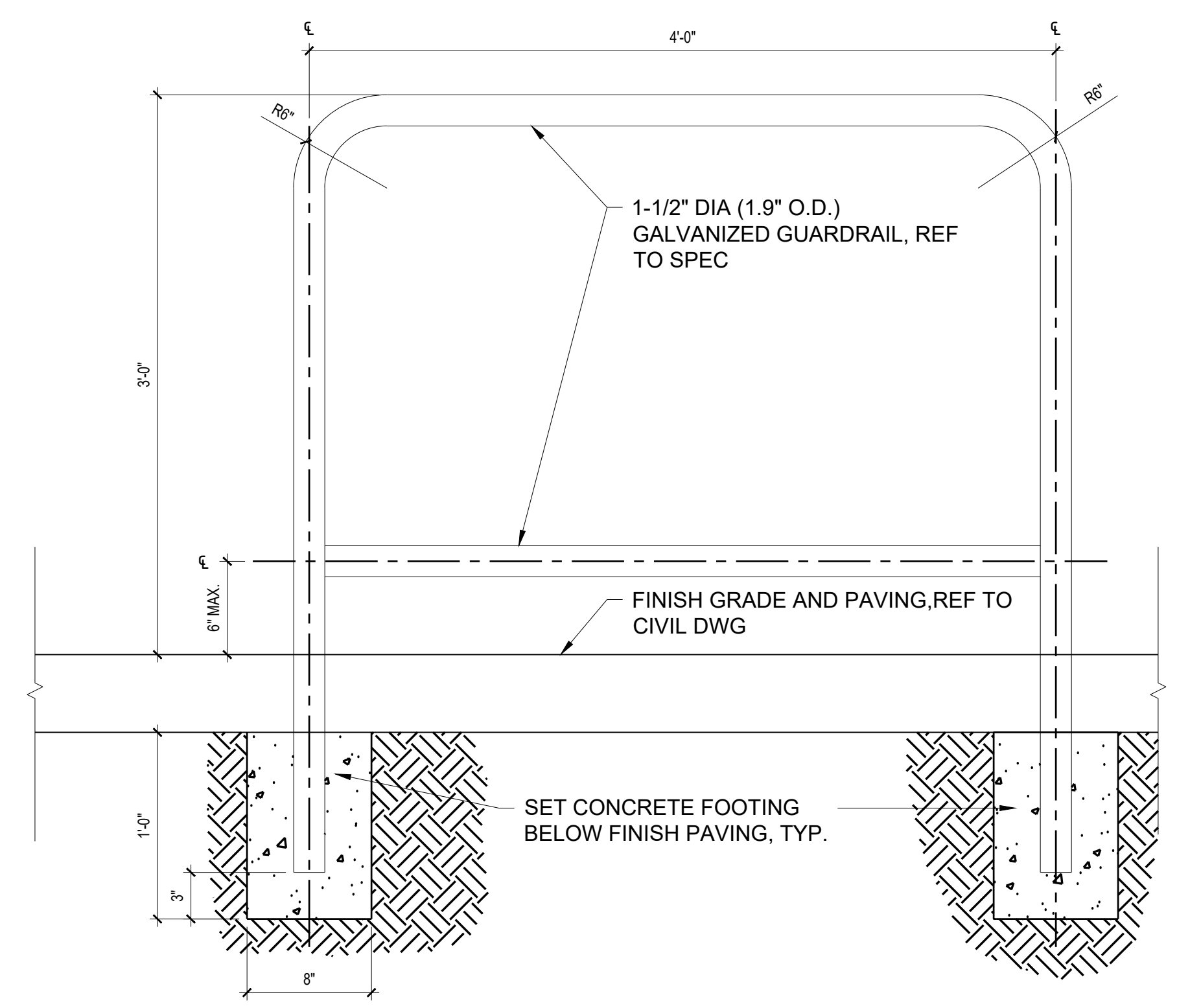


- NOTES:
1. DRINKING FOUNTAIN: HAWS MODEL #3500 WITH HOSE BIB, BLACK COLOR. SURFACE MOUNT WITH MTG. 3500 MOUNTING PLATE KIT. AVAILABLE FROM ROSS RECREATION (707) 538-3800.
 2. MEETS ADA REGULATIONS.
 3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS; INSTALL COMPLETE.
 4. SEE INSTALLATION DETAILS, MATERIALS PLANS, AND CIVIL DRAWINGS FOR WATER CONNECTIONS AND NOTES.
 5. SUBMIT SHOP DRAWINGS.
 6. THIS DETAIL IS PROTOTYPICAL. SEE MATERIALS PLANS AND SPECIFY THE DIRECTION OF CANTILEVER BASIN AND BASIN BUTTONS BASED UPON THE PLANS WHEN ORDERING.
 7. CHLORINATE DRINKING FOUNTAIN WATER LINE PRIOR TO APPROVAL. VERIFICATION BY IOR REQUIRED.

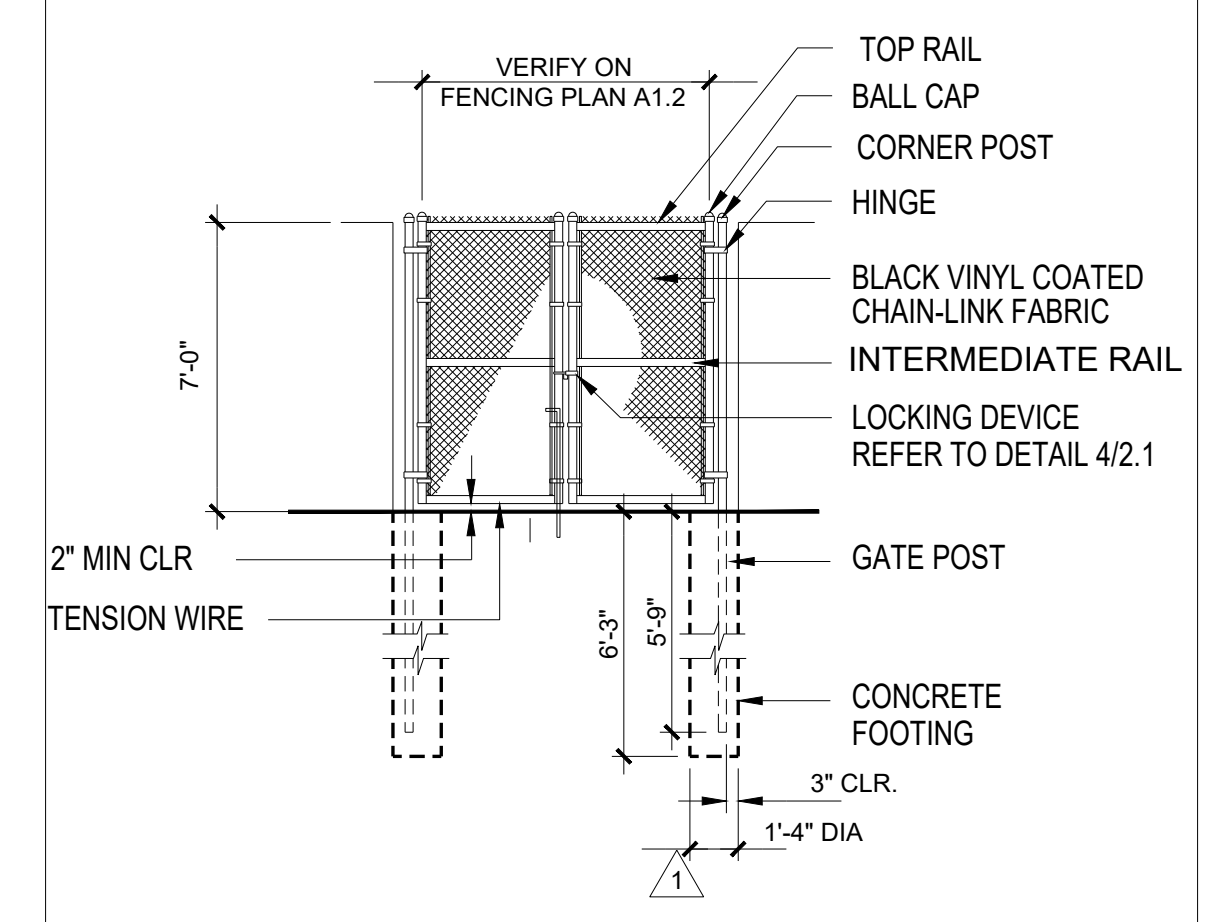
ACCESSIBLE DRINKING FOUNTAIN 1" = 1'-0" 3



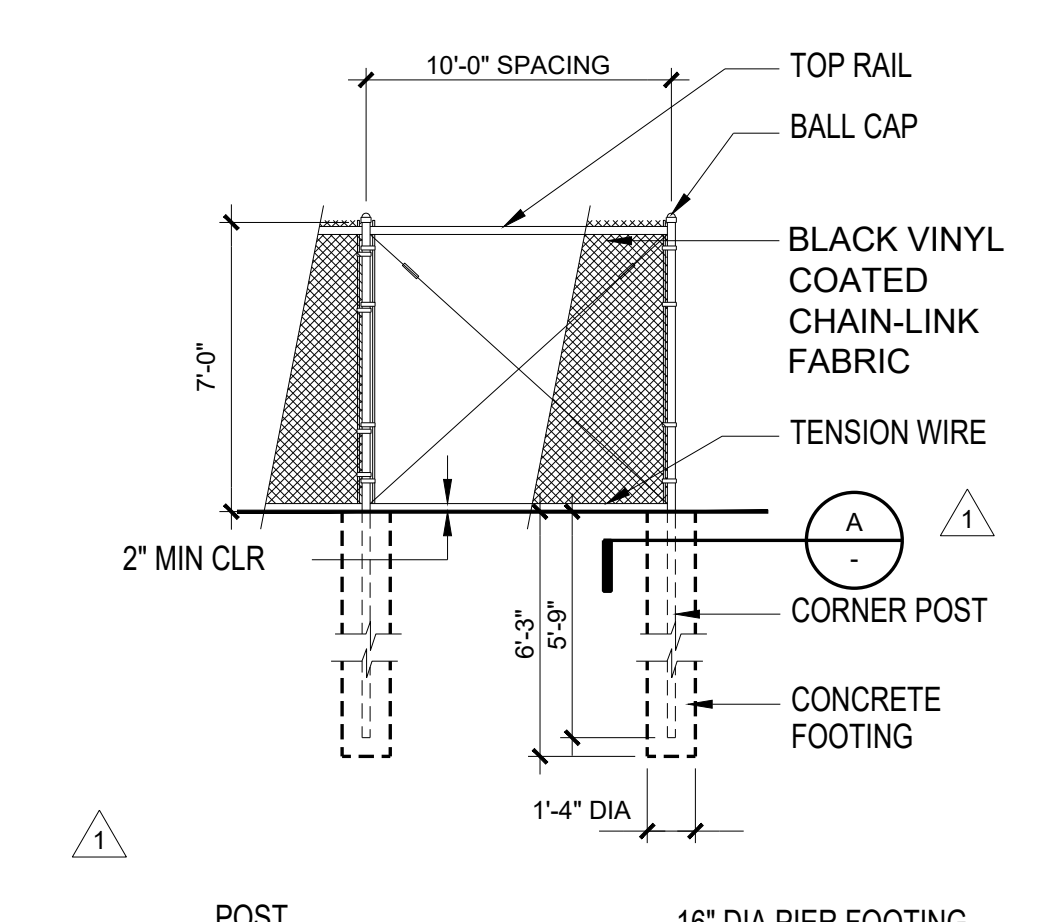
POOL CHAIR ANCHORAGE DETAIL NTS 4



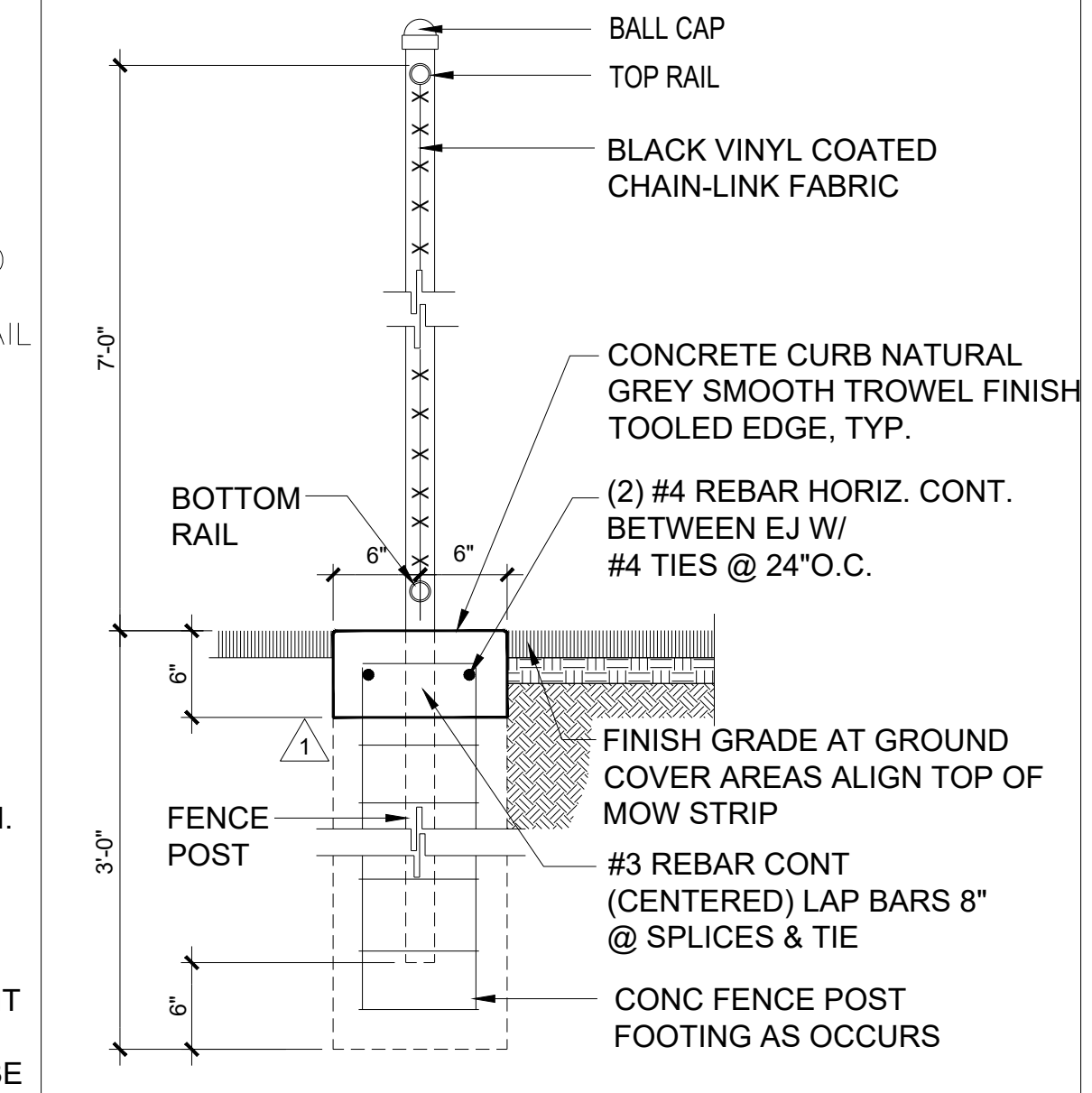
GUARDRAIL AT DRINKING FOUNTAIN 1-1/2" = 1'-0" 10



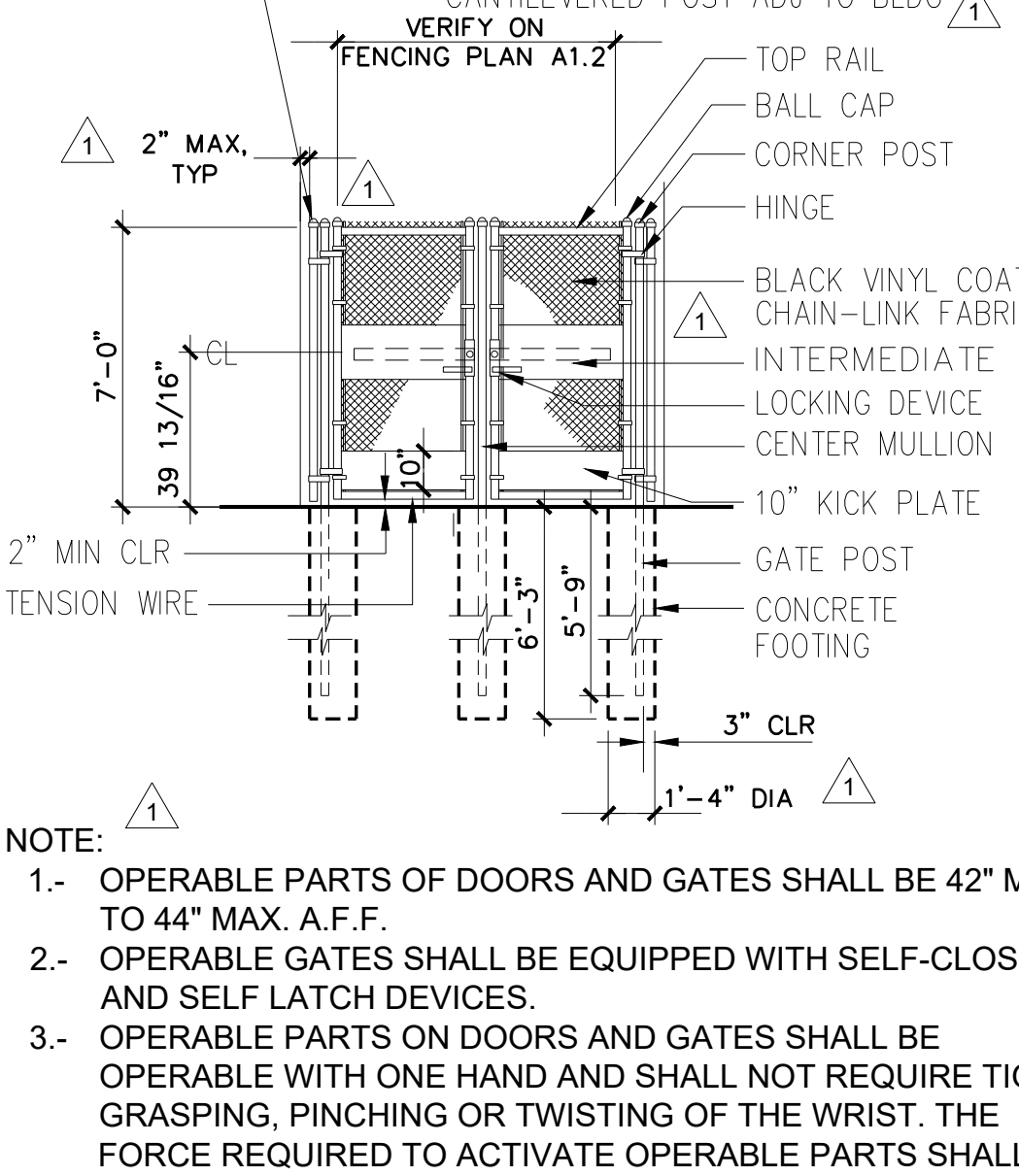
CHAIN-LINK GATE 1/4" = 1'-0" 18



CHAIN-LINK FENCE 1/4" = 1'-0" 22



CONCRETE BAND @ FENCE 1" = 1'-0" 19



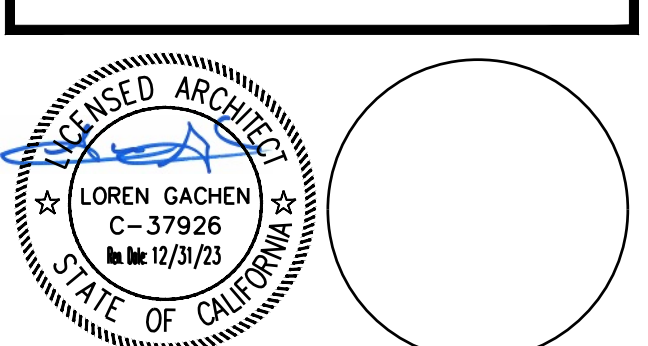
ADA GATE @ BIKE RACK FENCING 1/4" = 1'-0" 23

POOL CHAIR ANCHORAGE DETAIL NTS 4



BERKELEY
2600 TENTH STREET, SUITE 700
BERKELEY, CA 94710-2597
510-450-1999 P

HONEYBEE POOL RENOVATION
CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



CONSULTANT

VANESSA GARRETT P.E. CE64141 DATE

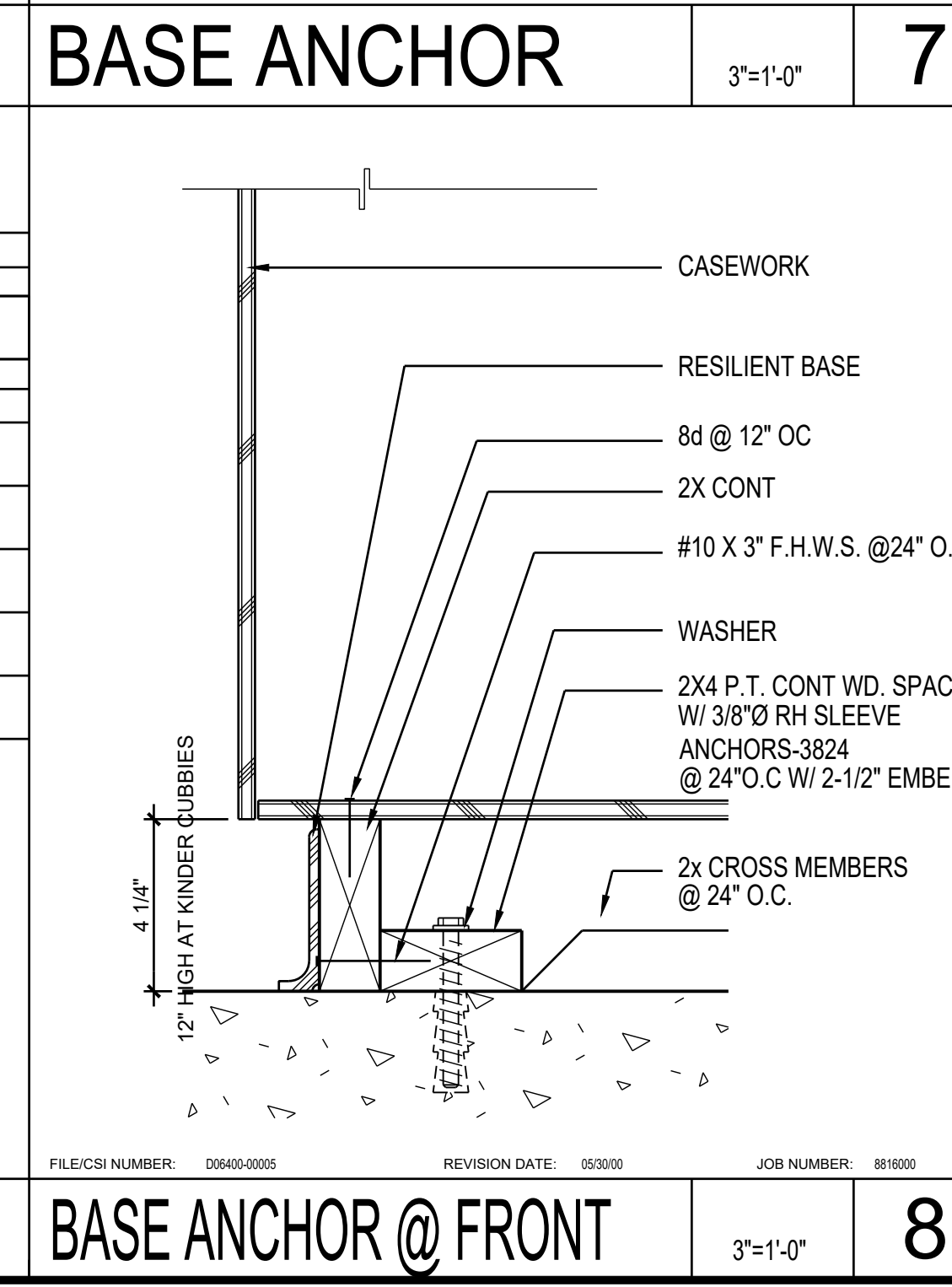
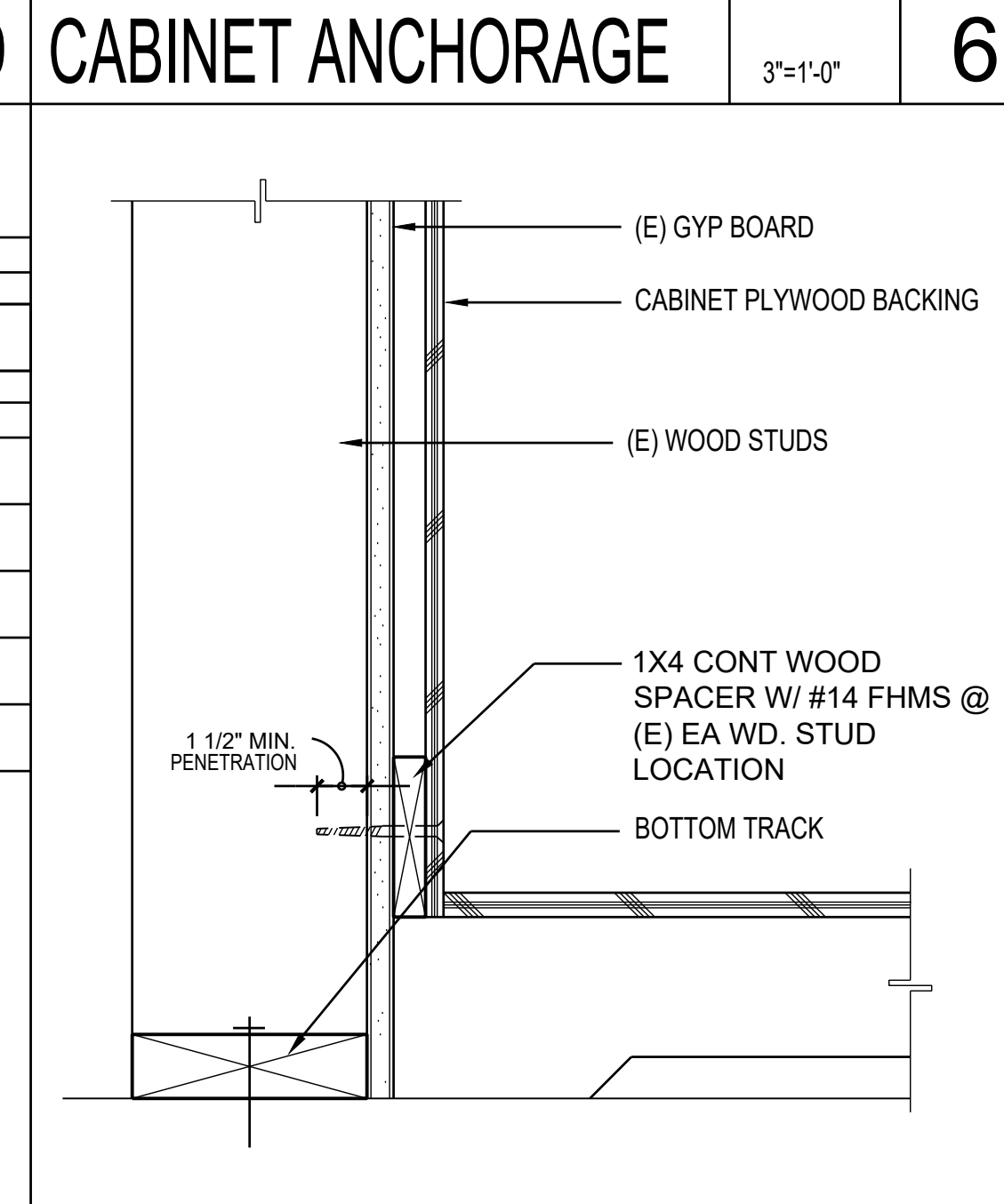
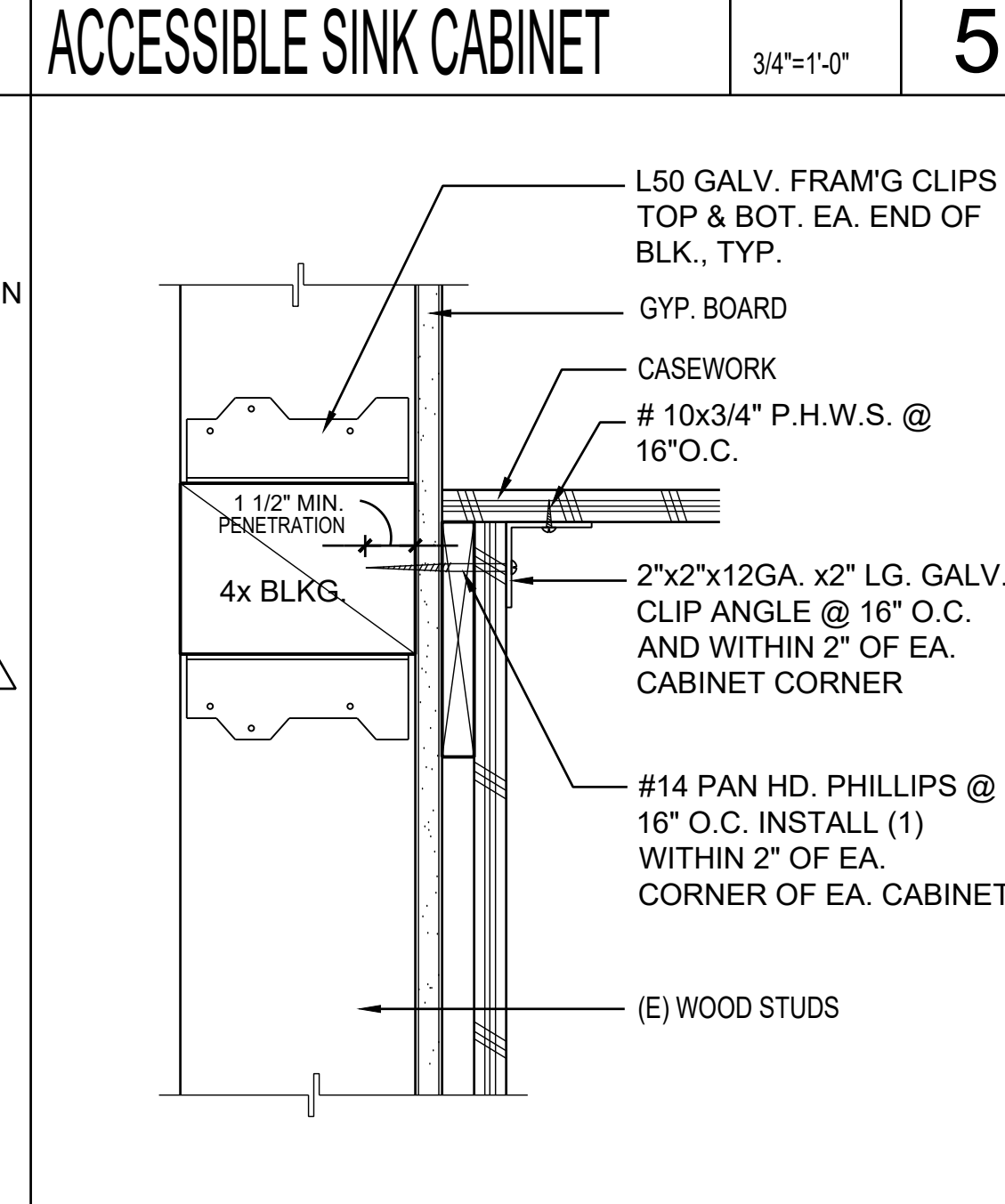
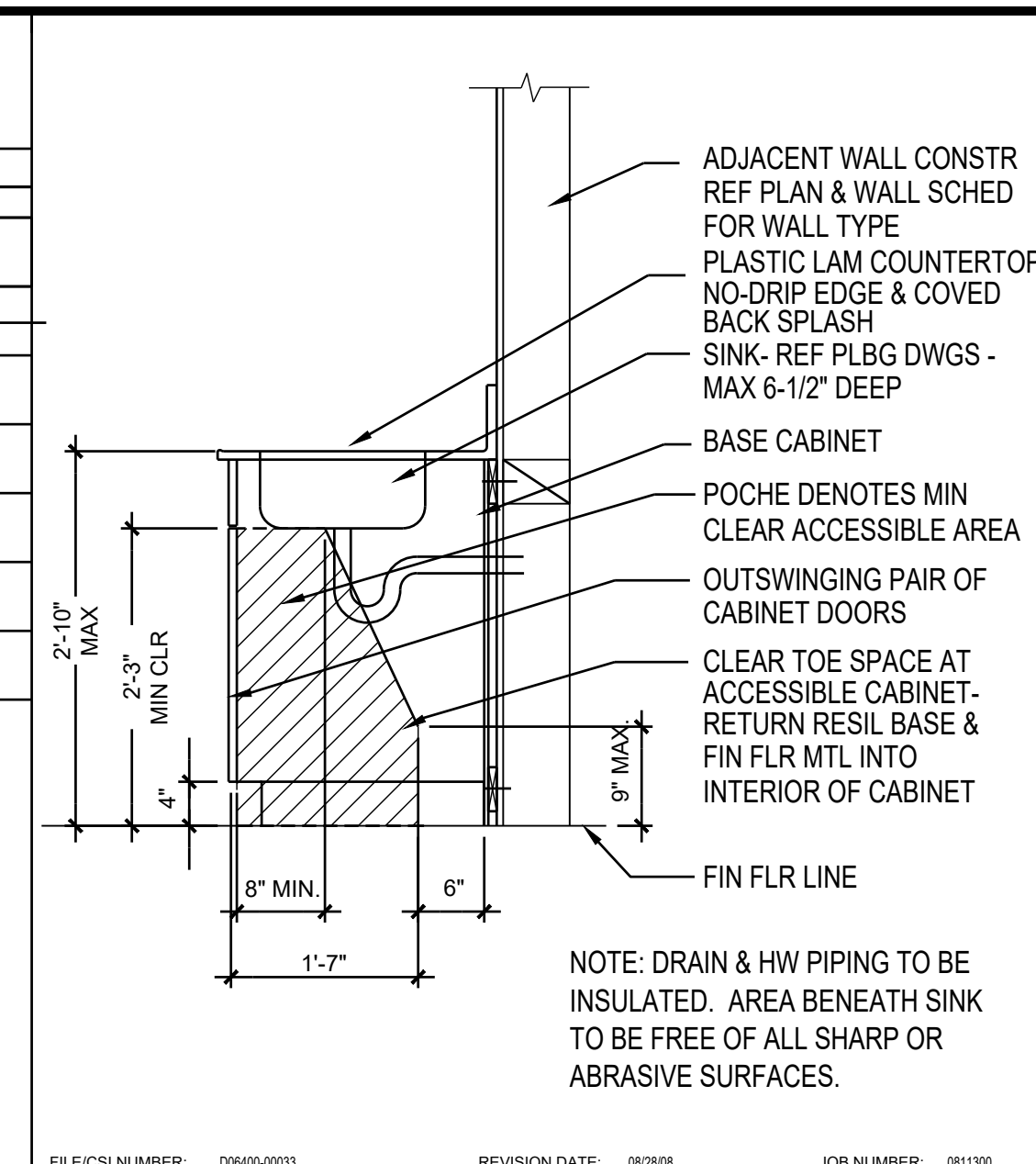
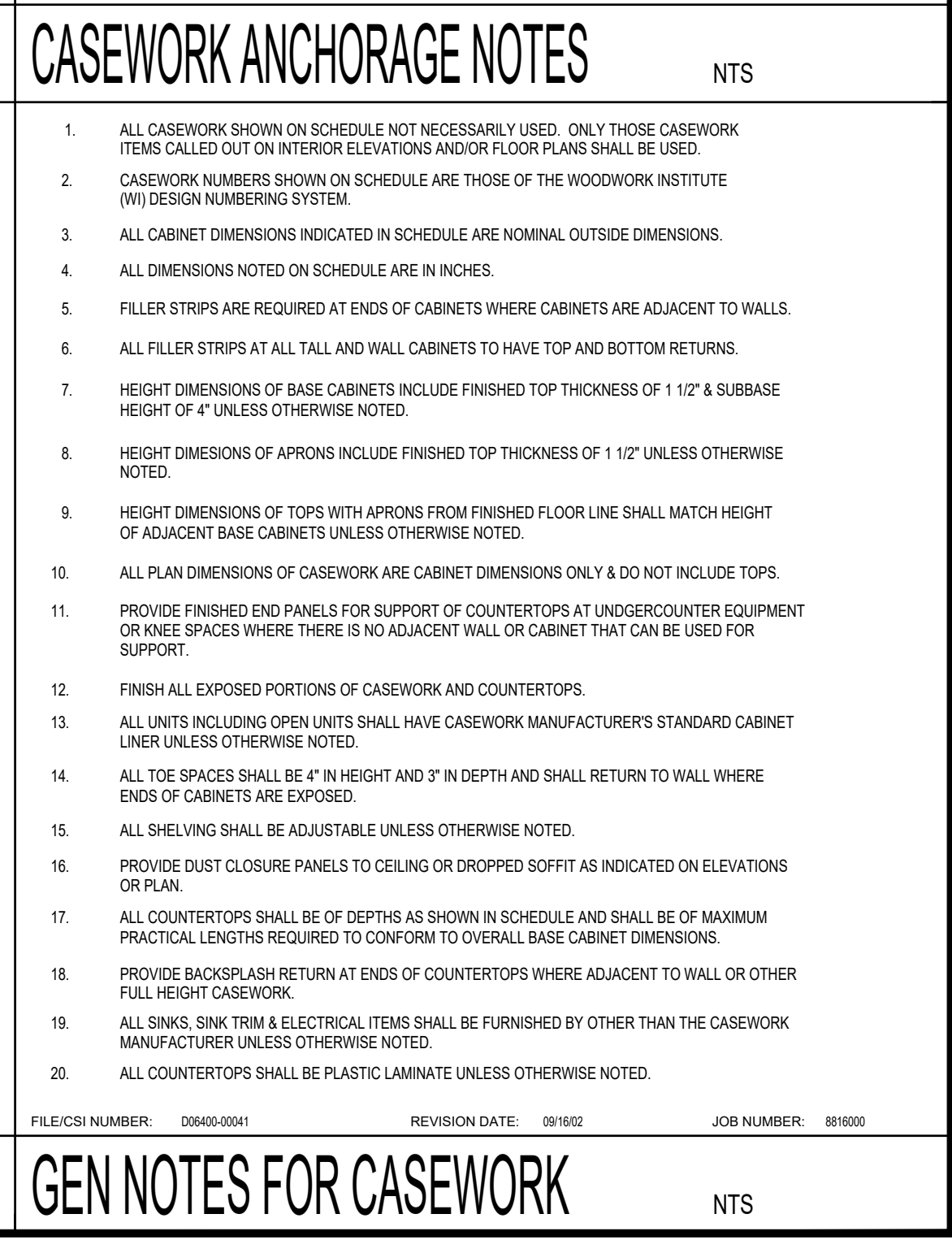
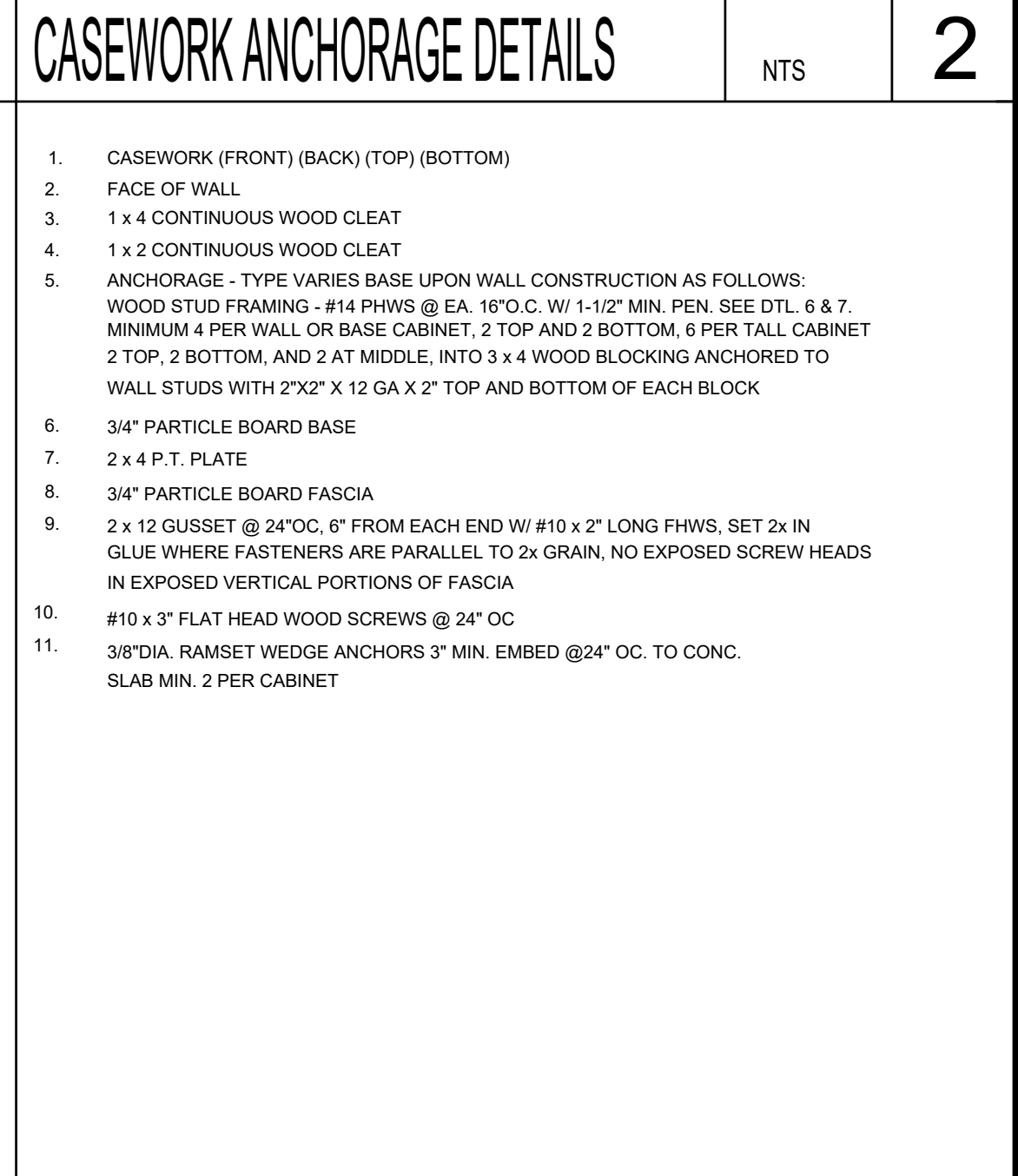
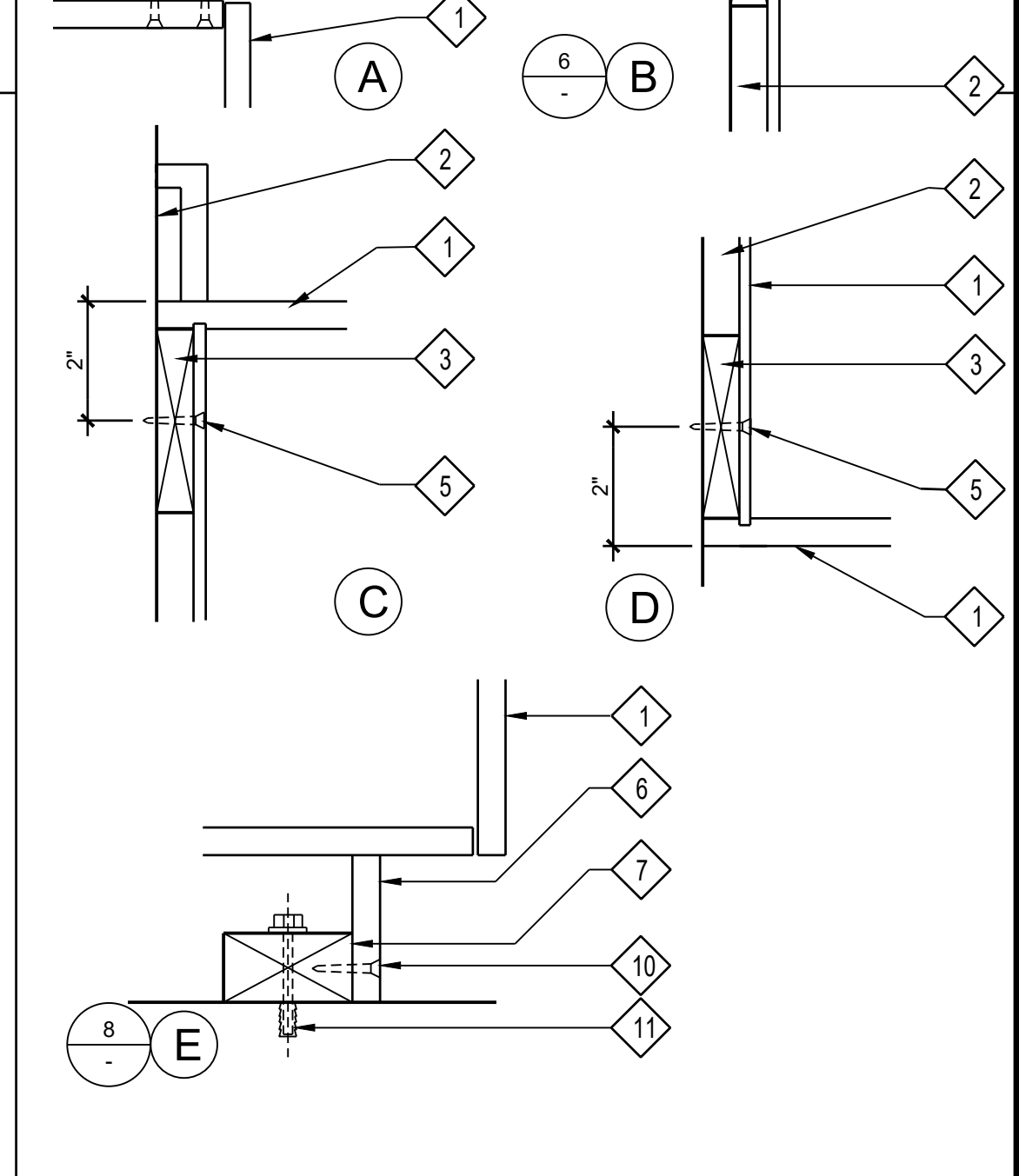
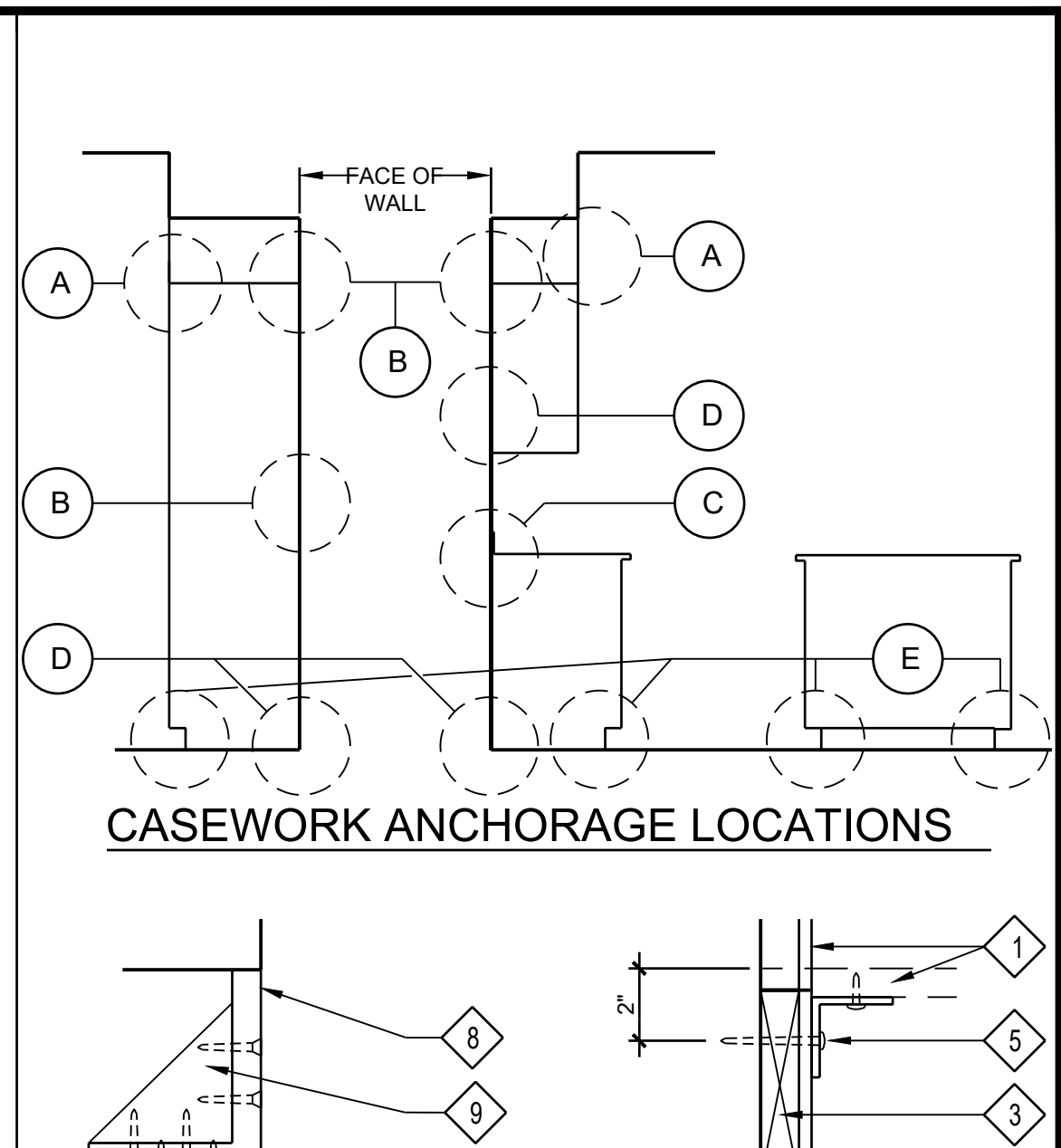
| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| 1 | 11/03/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |

DRAWN: RSR CHECKED: OAE
DATE: 02/25/2022 SCALE: AS NOTED
PROJECT NUMBER: 2010200

CASEWORK & MISCELLANEOUS DETAILS

DRAWING NUMBER: **6.1**

AGENCY BACKCHECK



| STUD SIZE | WALL THK | FIRE RATING (CBC/UL/GA LISTING) | | | REMARKS |
|-----------|----------|---------------------------------|-----------|------|---------|
| | | 0 HR | 1 HR | 2 HR | |
| 4 | 4-5/8 | A4** | (UL U329) | | A4A |
| 6 | 6-3/8 | A6** | (UL U329) | | A6B |
| 8 | 8-3/8 | A8** | (UL U329) | | A8B |

PLAN INDICATION: NON RATED

REMARKS SCHEDULE:
A. R-11 BATT INSUL
B. R-19 BATT INSUL

NOTES:
1. REF FIN SCHED FOR GYP BD FIN
2. STUDS SPACED 16" OC
3. ALL WALLS FULL HGT

* OPTIONAL CHARACTER

| STUD SIZE | WALL THK | FIRE RATING (CBC/UL/GA LISTING) | | | REMARKS |
|-----------|----------|---------------------------------|--------------|------|---------|
| | | 0 HR | 1 HR | 2 HR | |
| 4 | 5-1/2 | B4** | (CBC 15-1-3) | | B4A |
| 6 | 7-1/4 | B6** | (CBC 15-1-3) | | B6B |
| 8 | 9-1/8 | B8** | (CBC 15-1-3) | | B8B |

PLAN INDICATION: NON RATED

REMARKS SCHEDULE:
A. BATT SOUND INSUL
B. BATT SOUND INSUL

NOTES:
1. REF FIN SCHED FOR FIN
2. STUDS SPACED 16" OC

* OPTIONAL CHARACTER

| STUD SIZE | WALL THK | FIRE RATING (CBC/UL/GA LISTING) | | | REMARKS |
|-----------|----------|---------------------------------|-----------|------|---------|
| | | 0 HR | 1 HR | 2 HR | |
| 4 | 4-1/2 | C4** | (UL U329) | | C4A |
| 6 | 7-1/4 | C6** | (UL U329) | | C6B |
| 8 | 9-1/4 | C8** | (UL U329) | | C8B |

PLAN INDICATION: NON RATED

REMARKS SCHEDULE:
A. BATT SOUND INSUL
B. BATT SOUND INSUL

NOTES:
1. STUDS SPACED 16" OC
2. ALL WALLS FULL HGT

* OPTIONAL CHARACTER

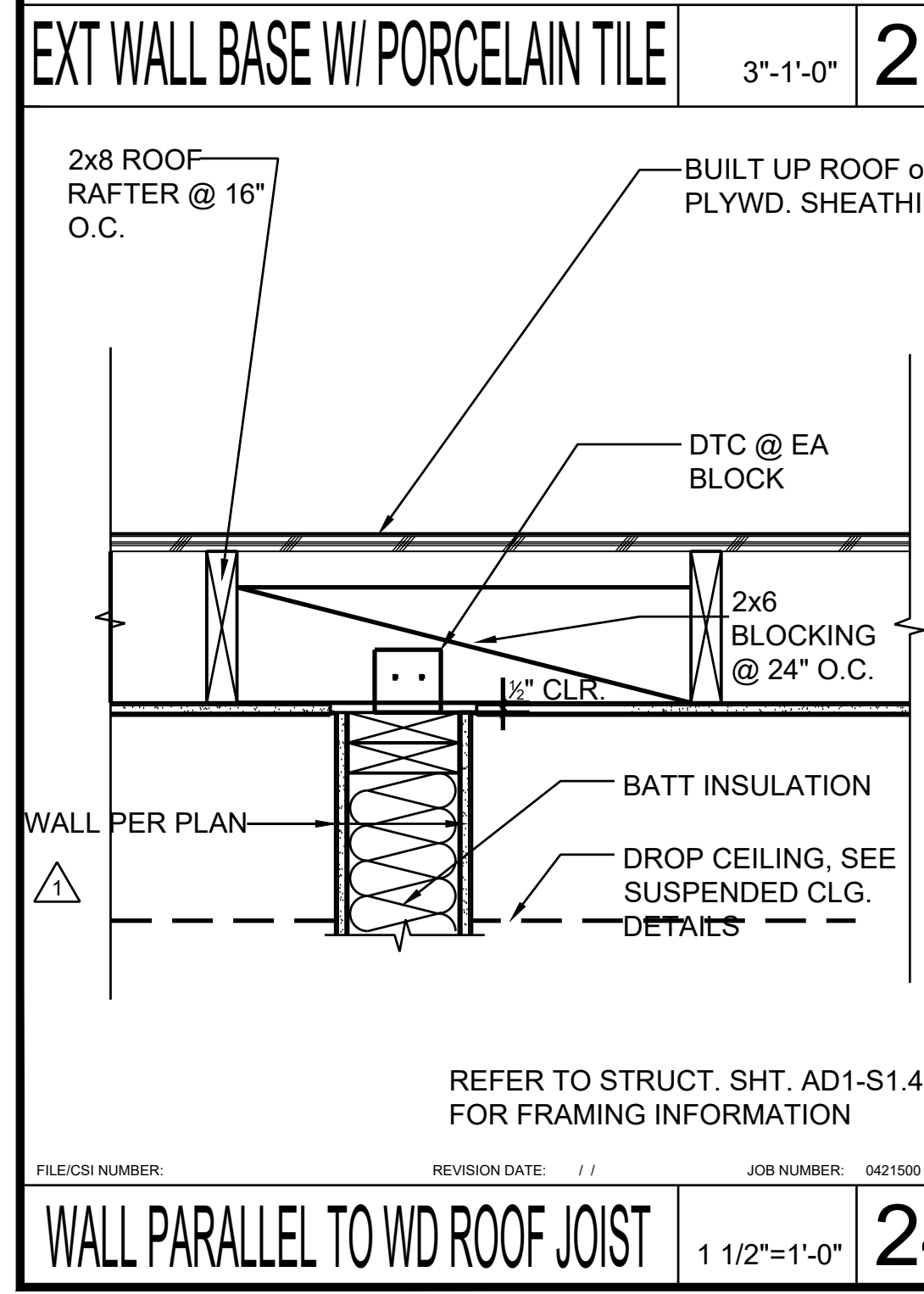
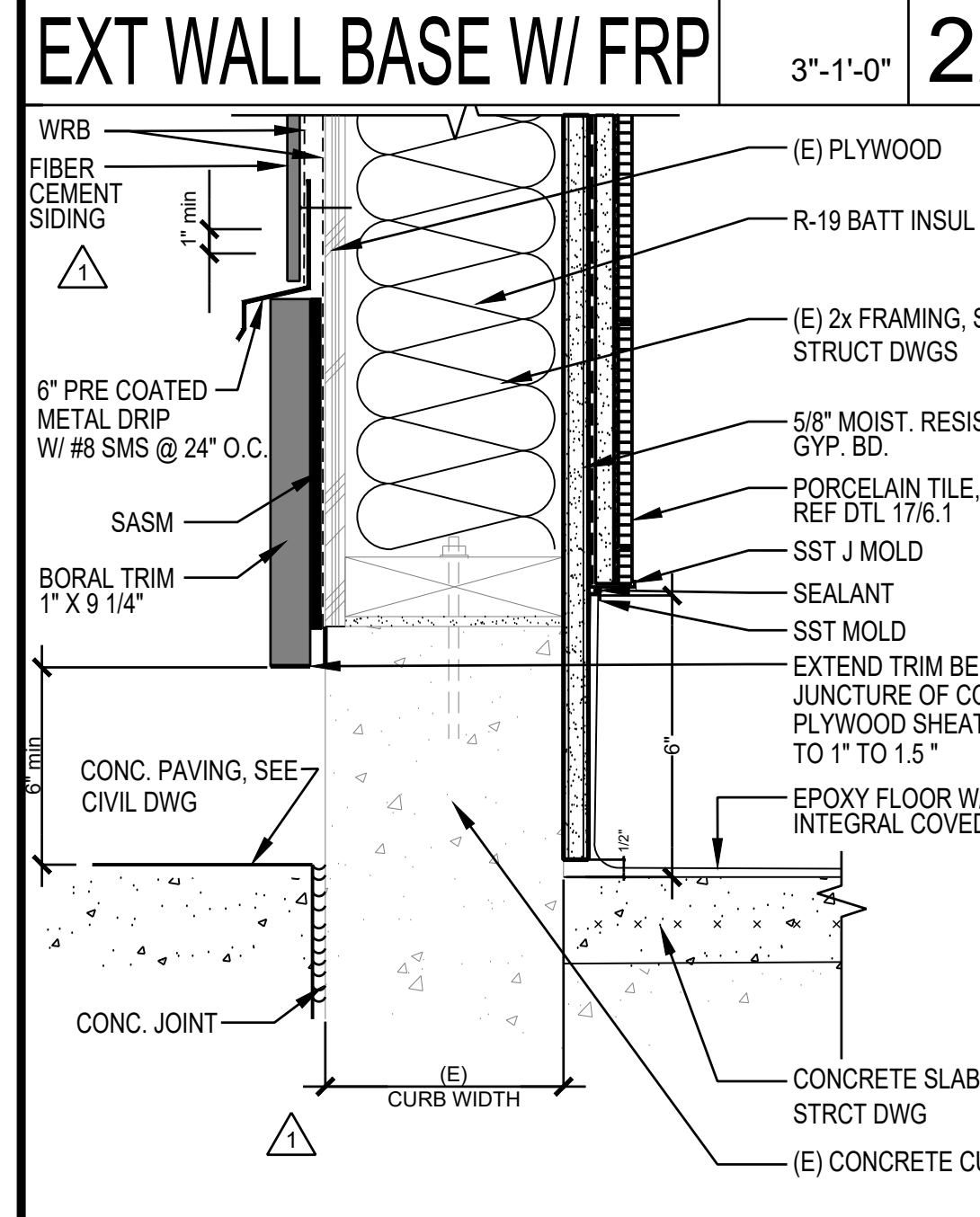
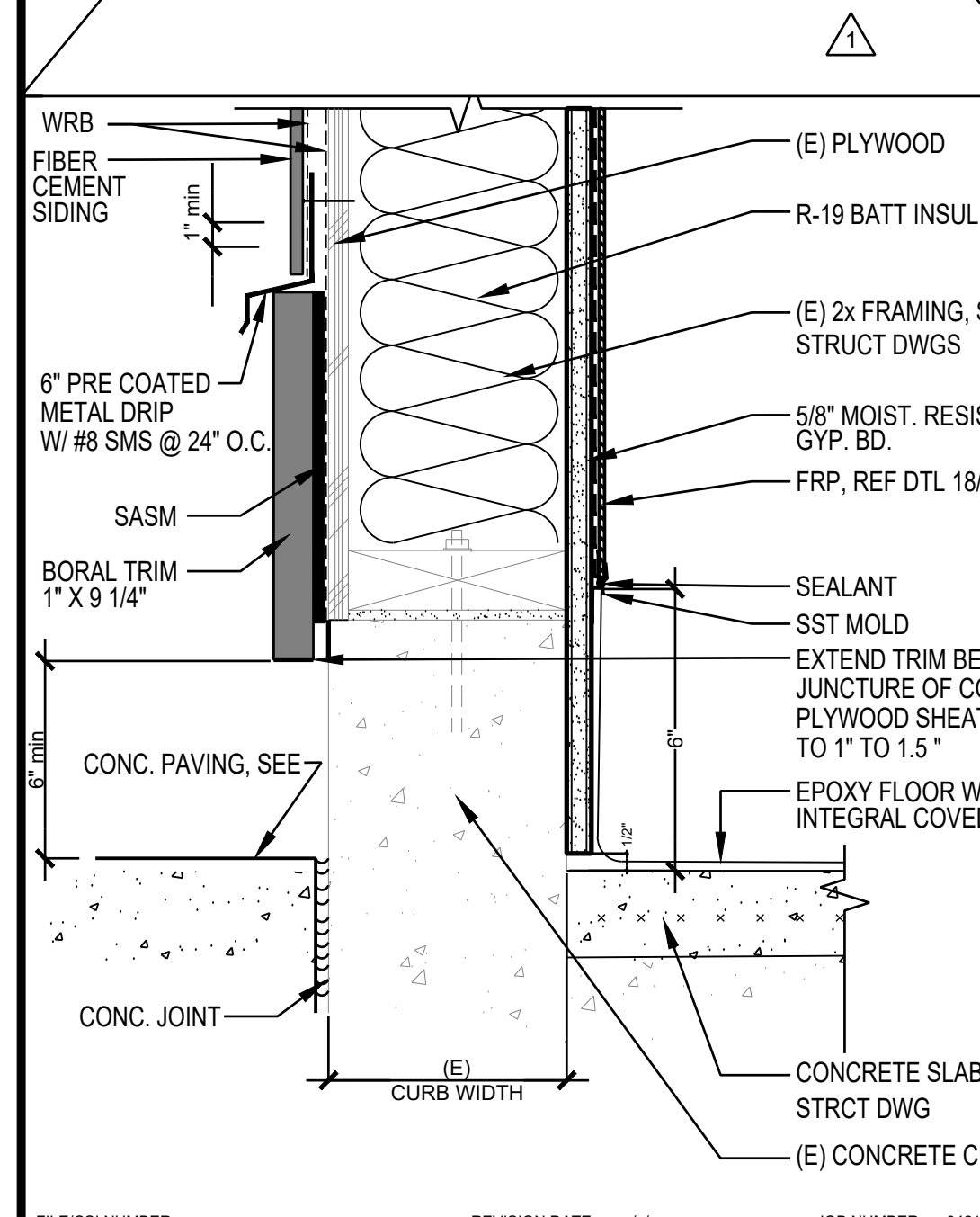
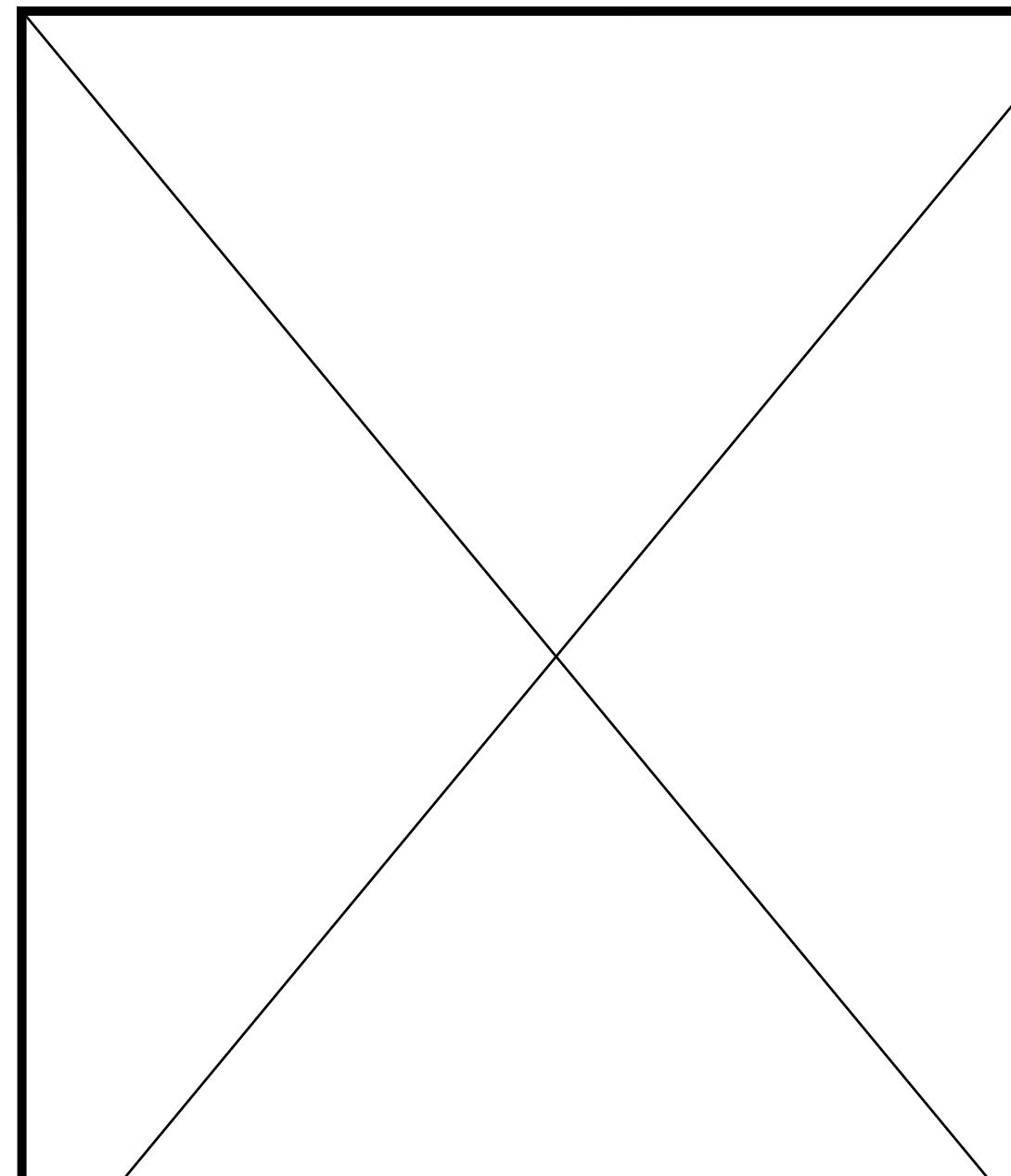
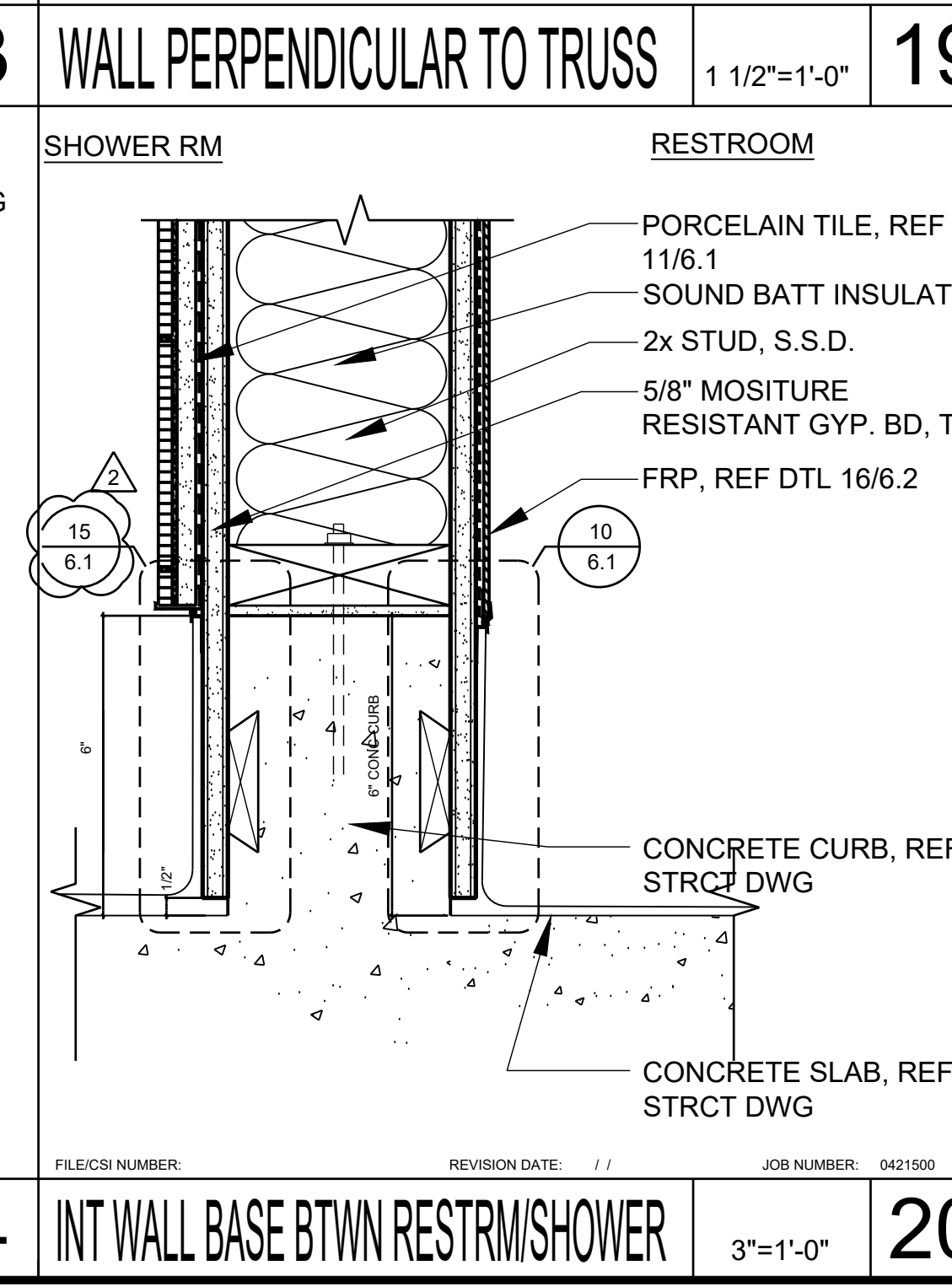
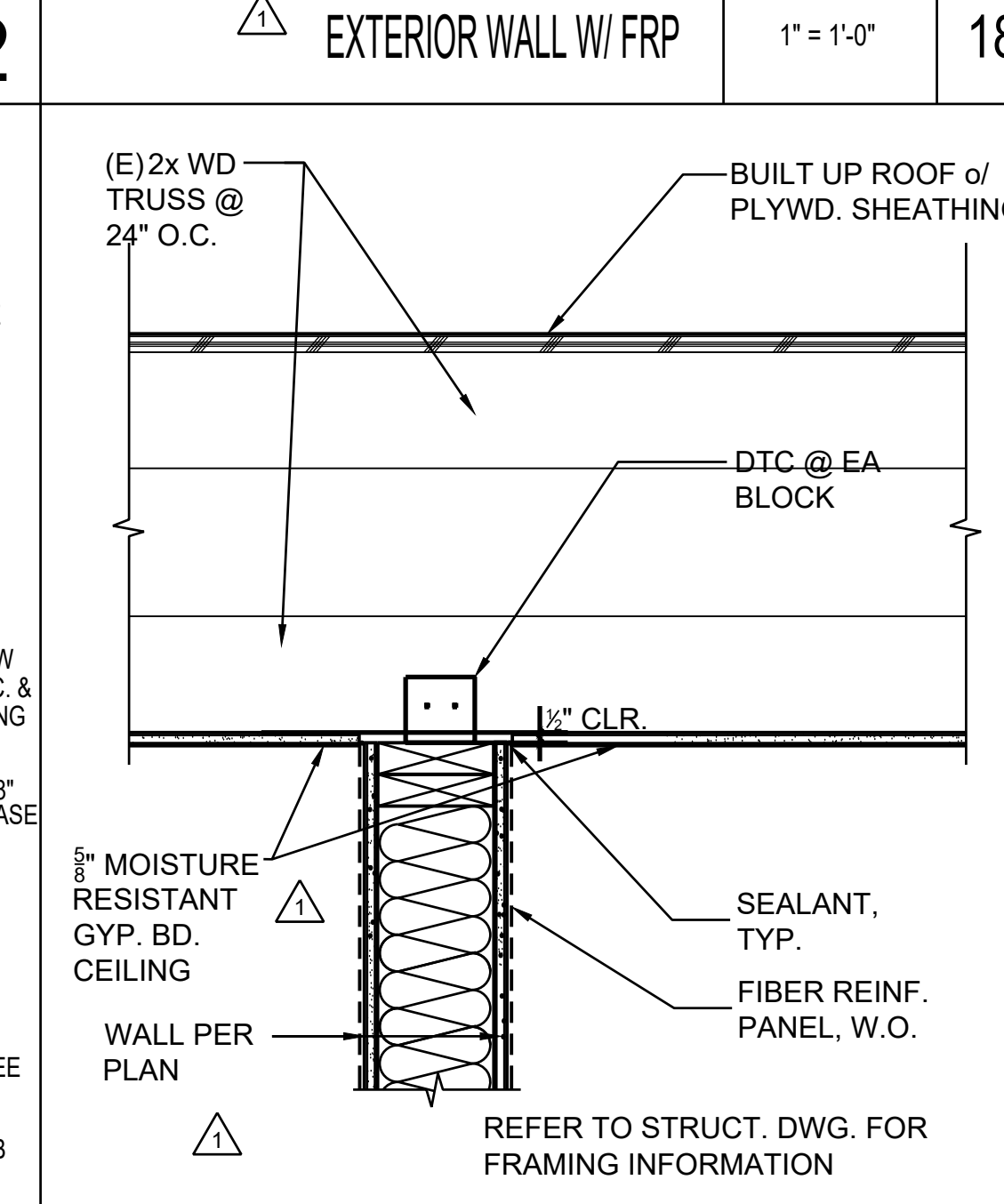
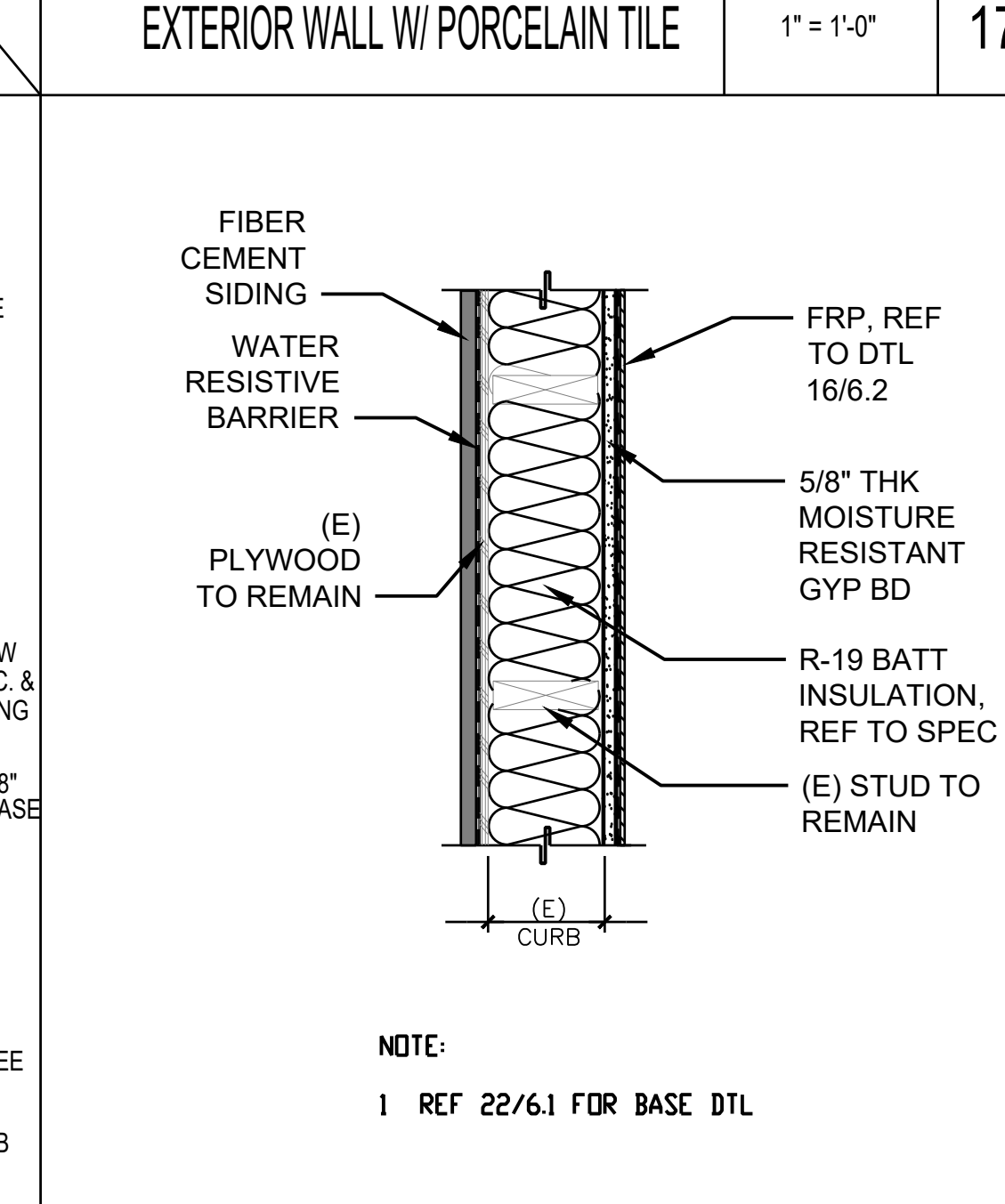
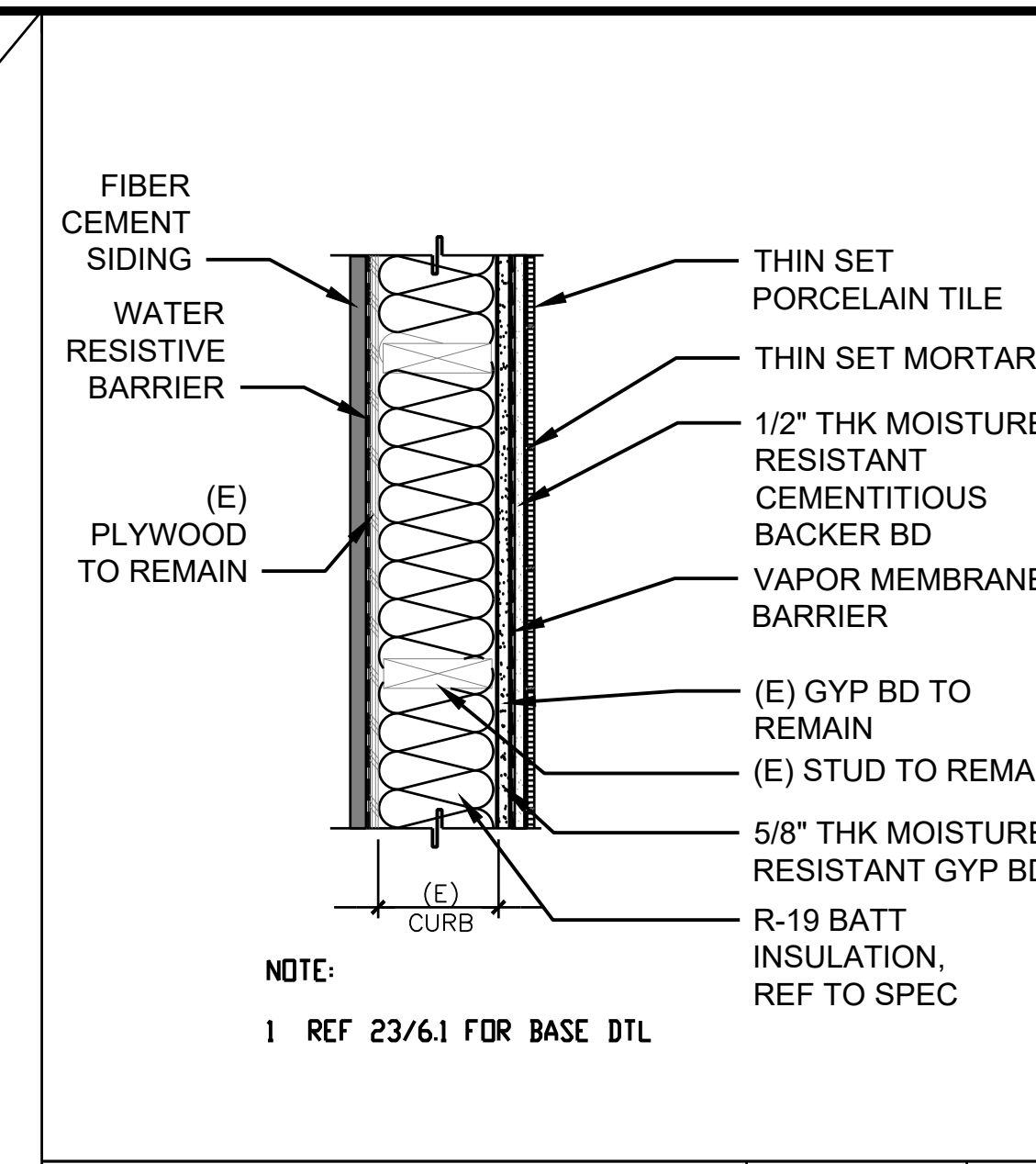
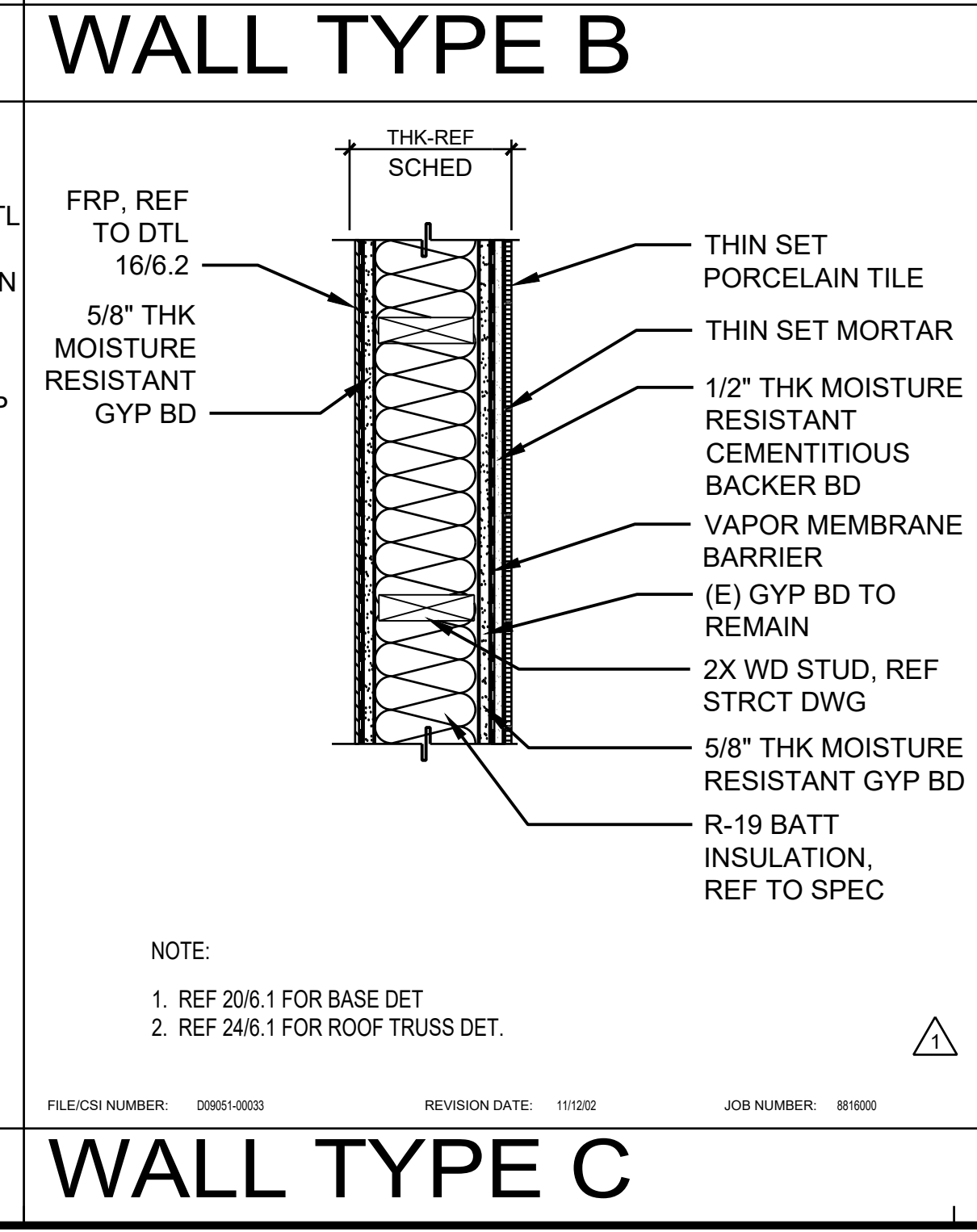
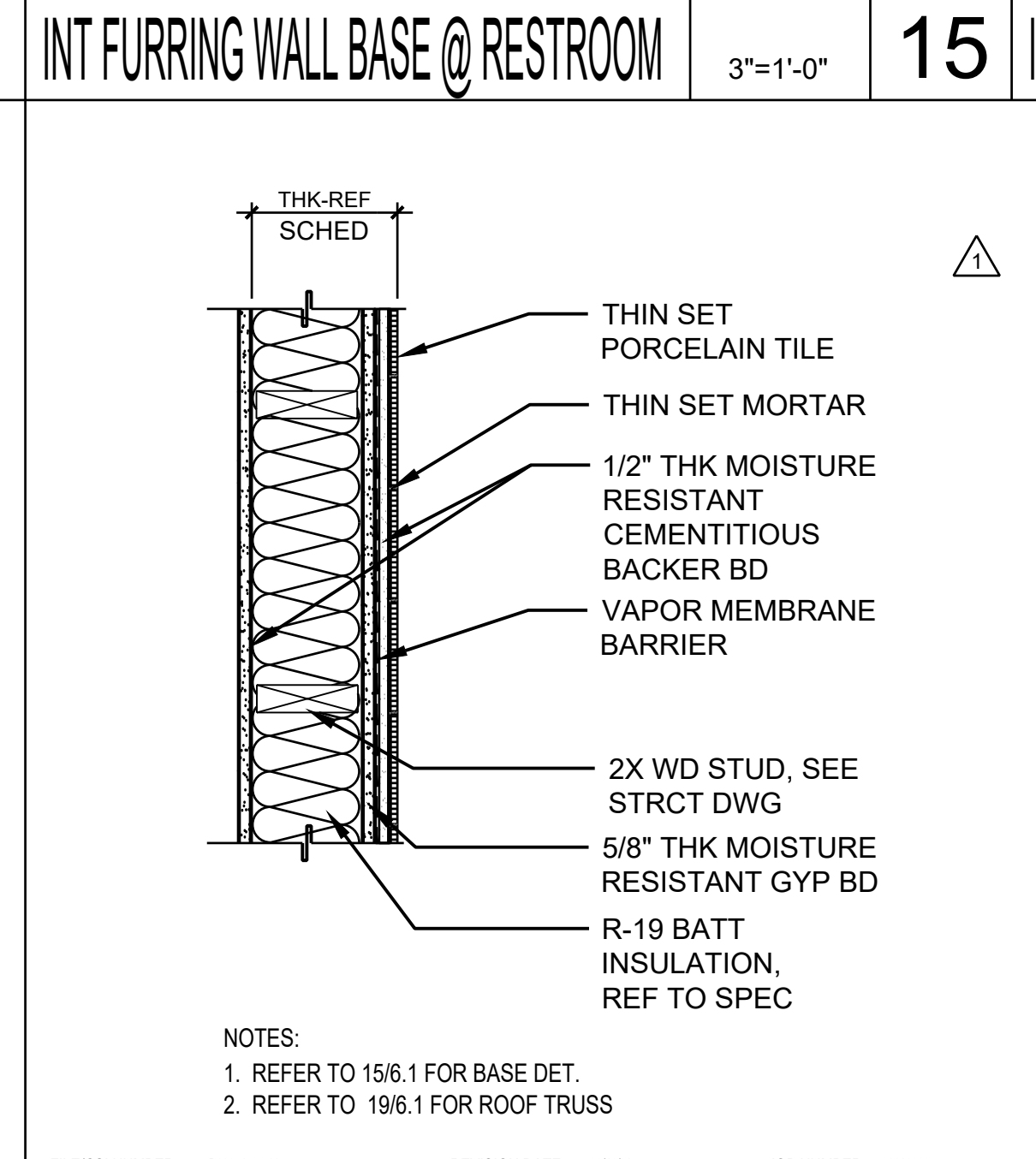
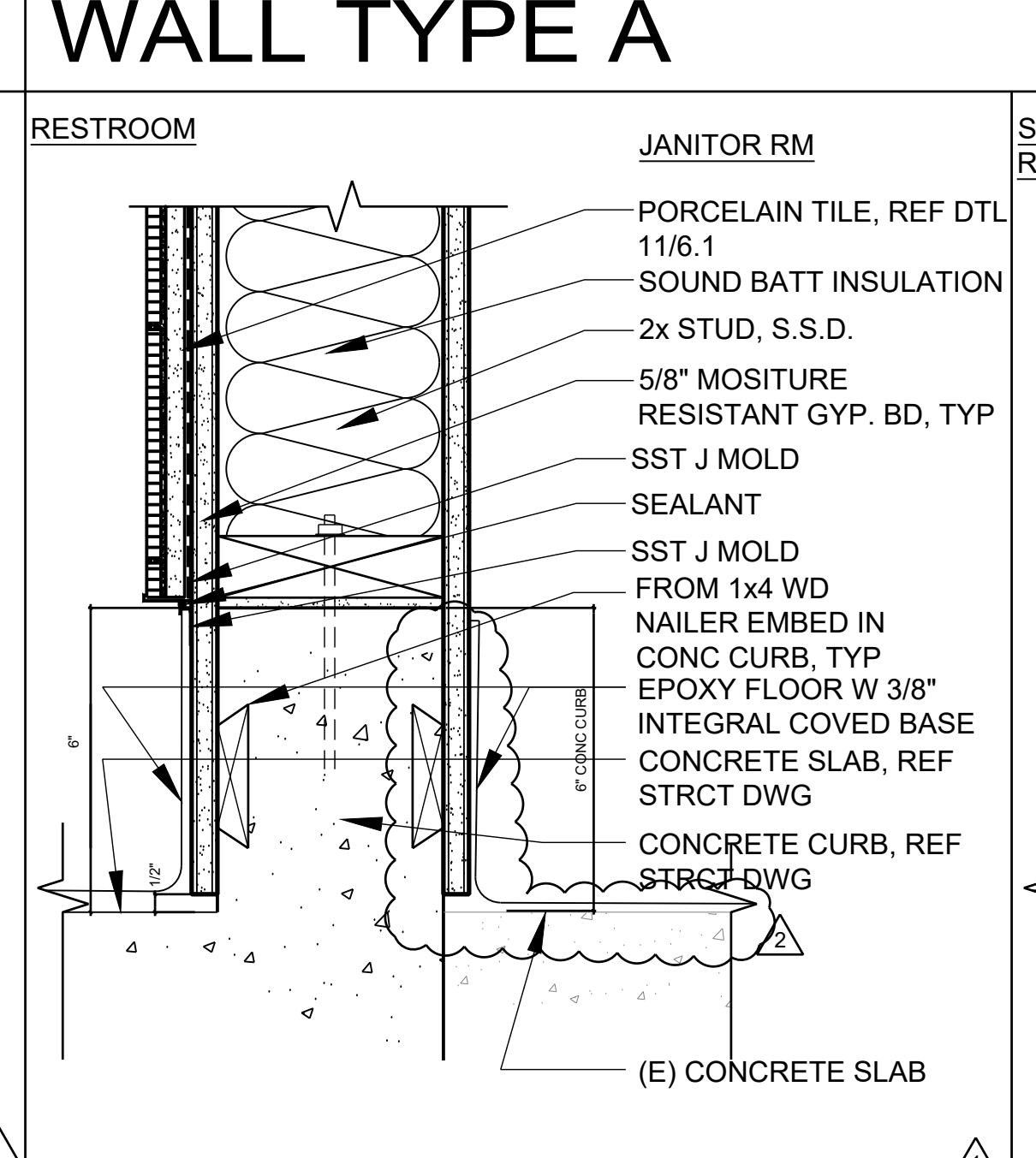
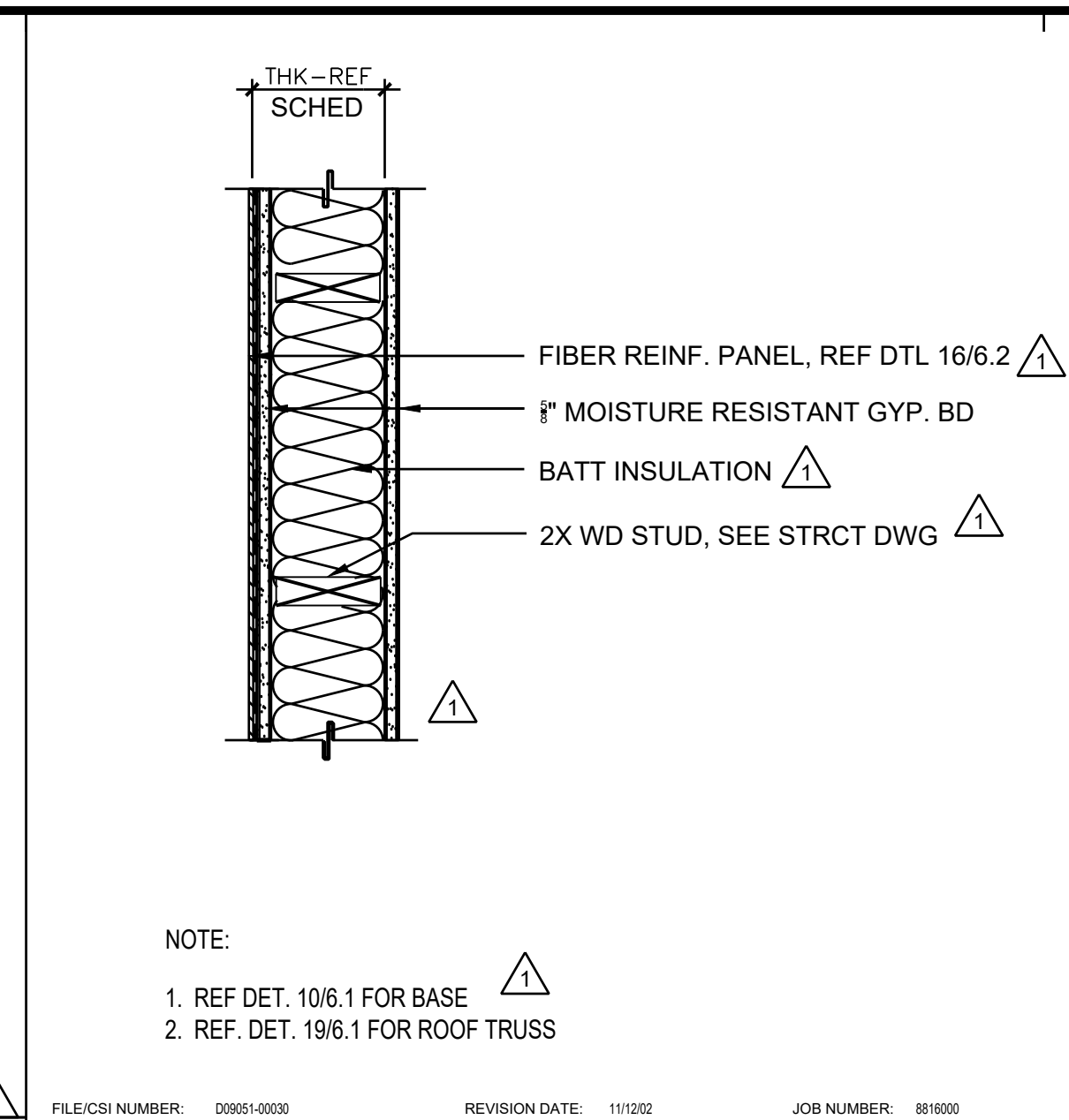
| STUD SIZE | WALL THK | FIRE RATING (CBC/UL/GA LISTING) | | | REMARKS |
|-----------|----------|---------------------------------|-----------|------|---------|
| | | 0 HR | 1 HR | 2 HR | |
| 4 | 4-1/2 | C4** | (UL U329) | | C4A |
| 6 | 7-1/4 | C6** | (UL U329) | | C6B |
| 8 | 9-1/4 | C8** | (UL U329) | | C8B |

PLAN INDICATION: NON RATED

REMARKS SCHEDULE:
A. BATT SOUND INSUL
B. BATT SOUND INSUL

NOTES:
1. STUDS SPACED 16" OC
2. ALL WALLS FULL HGT

* OPTIONAL CHARACTER



AGENCY BACKCHECK

HONEYBEE POOL RENOVATION

CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



CONSULTANT

VANESSA GARRETT P.E. CE#4141 DATE

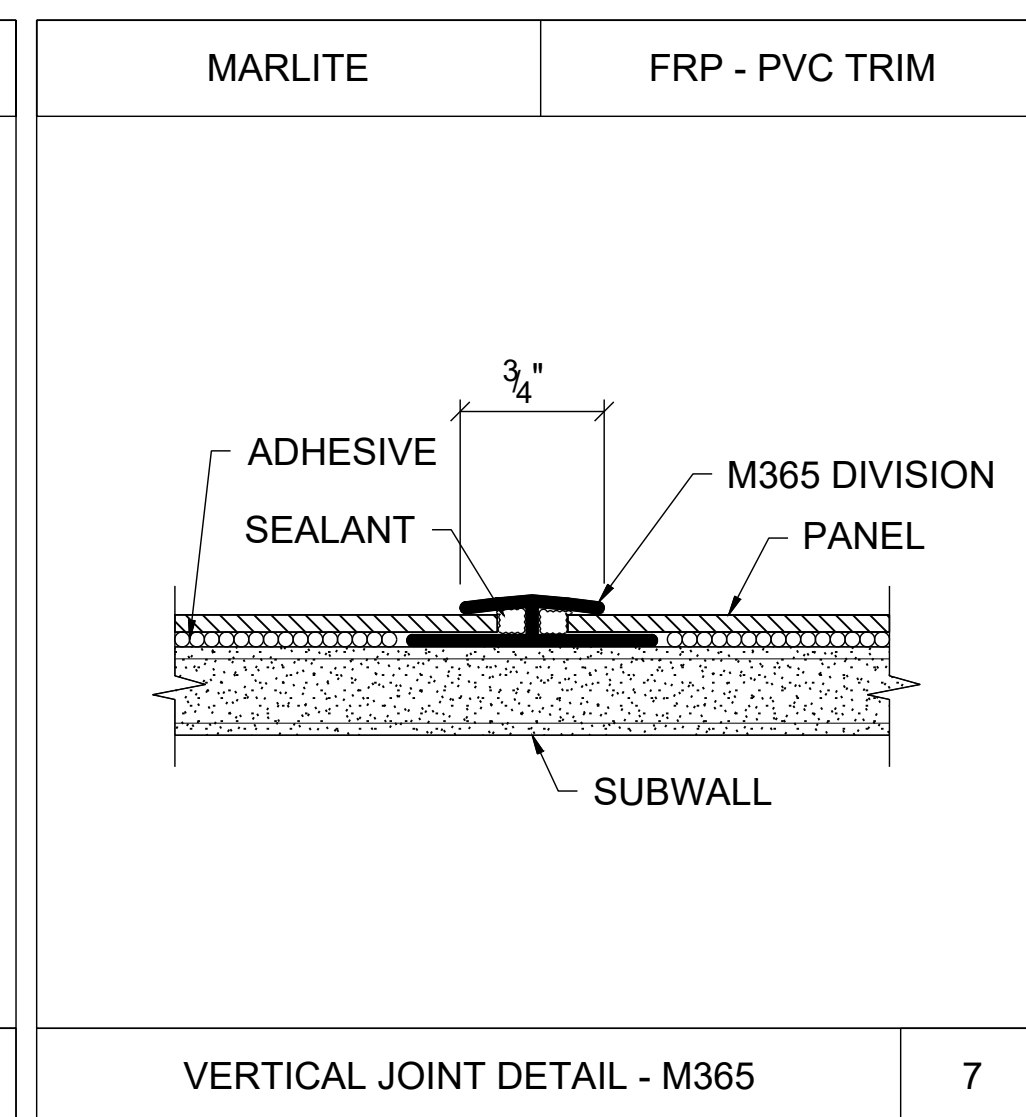
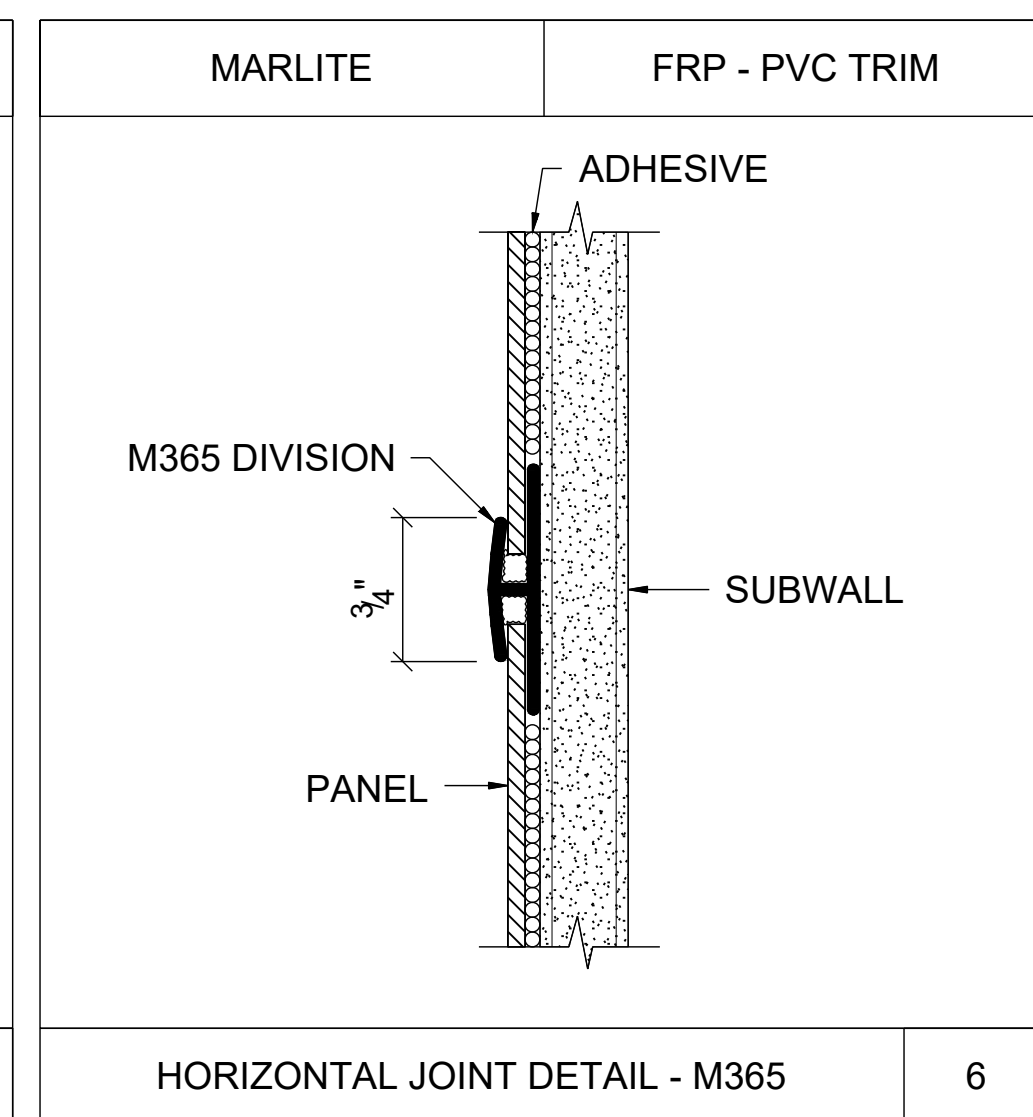
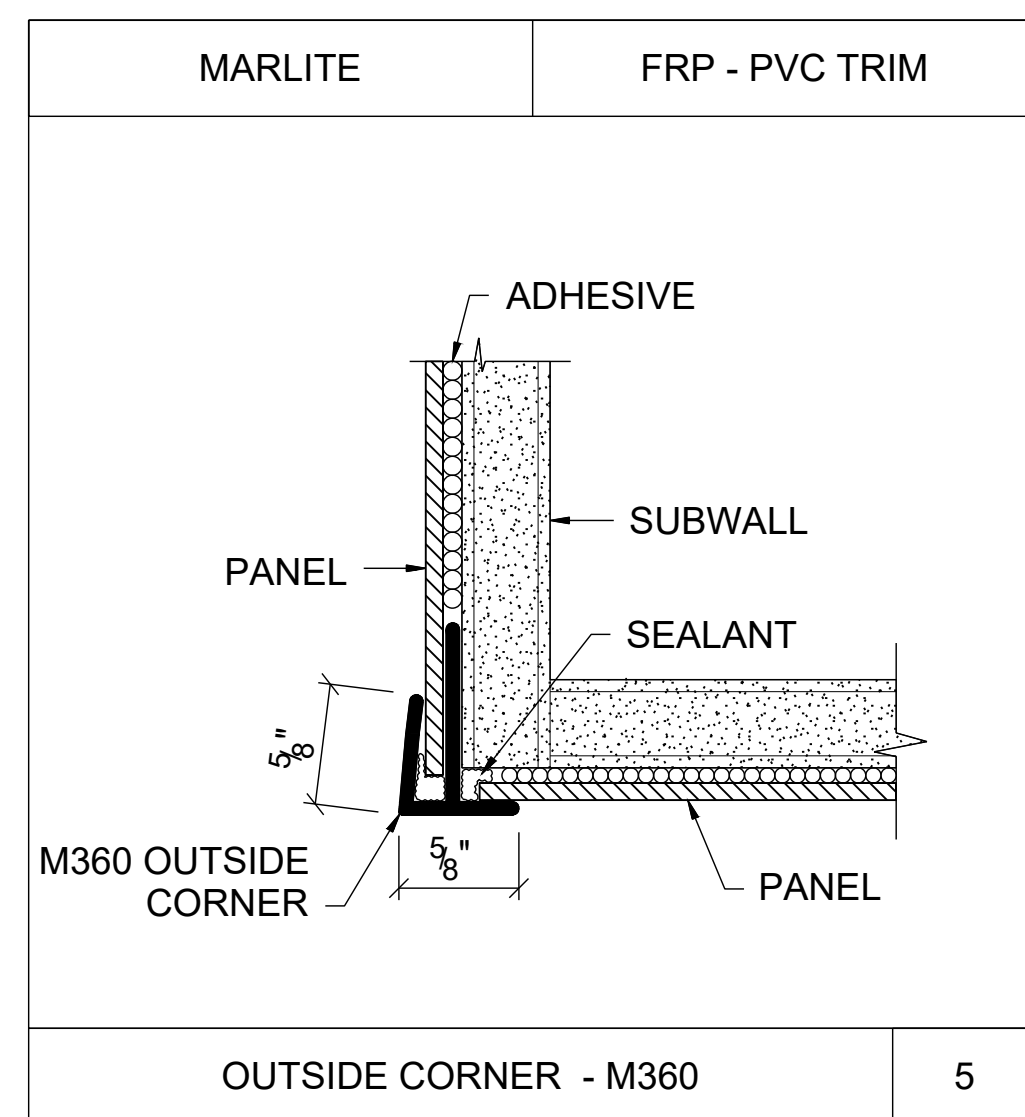
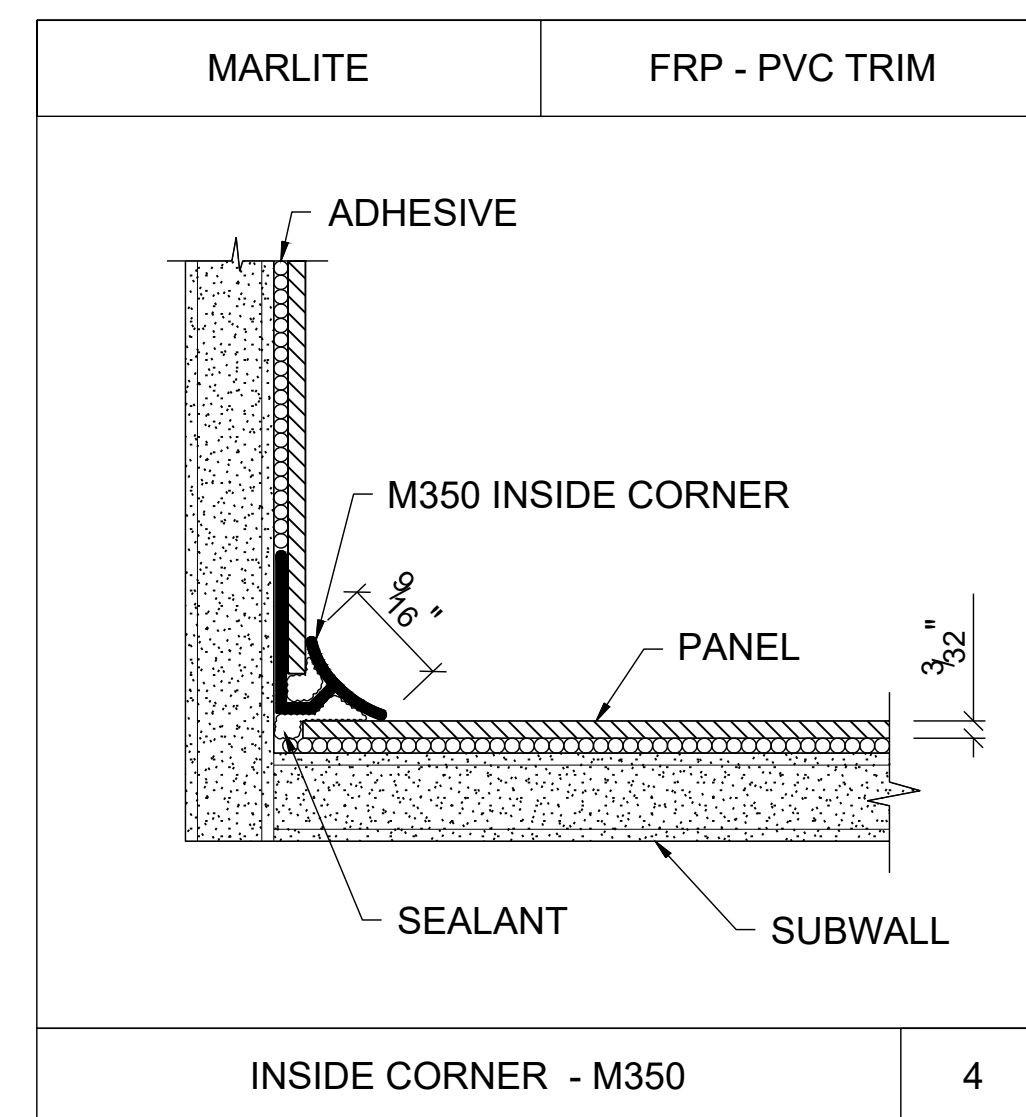
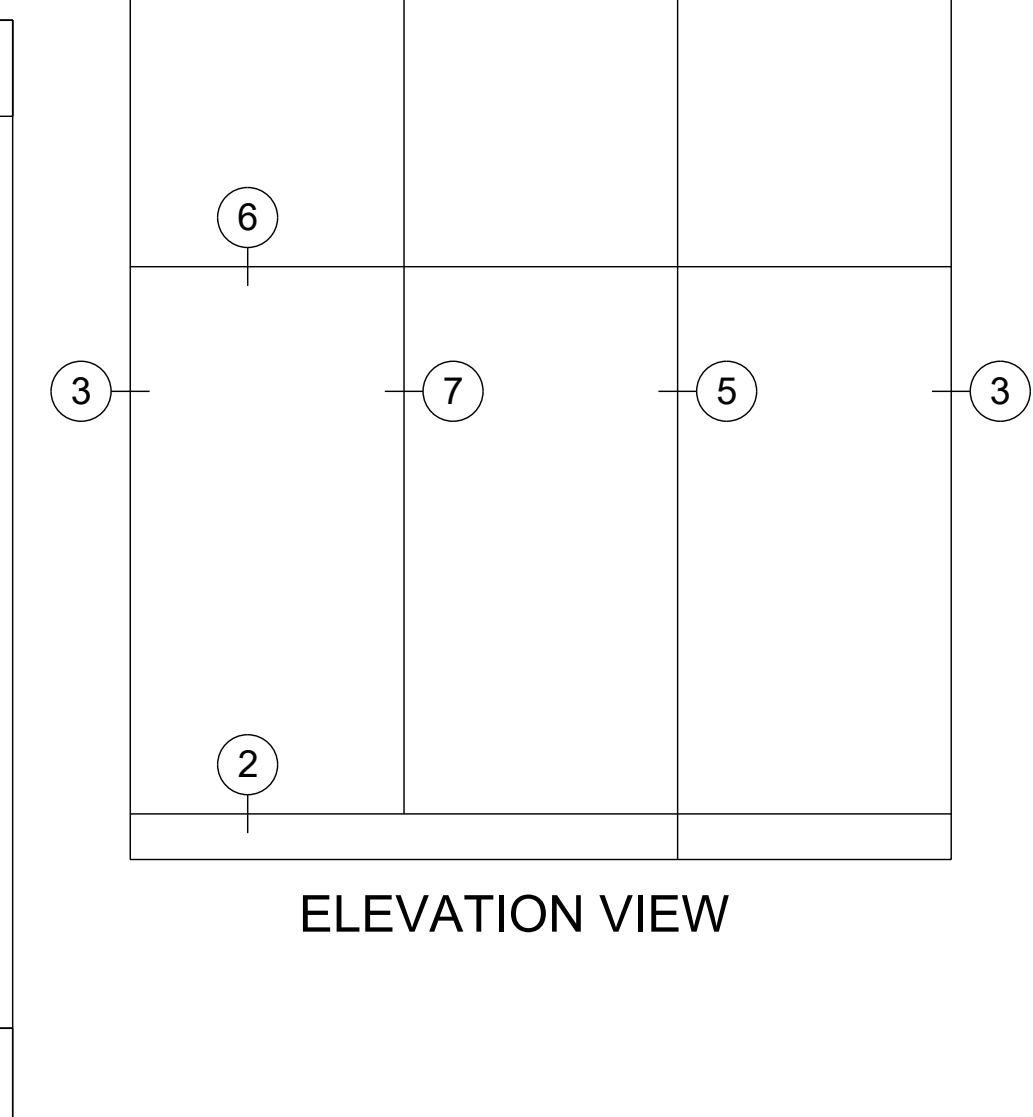
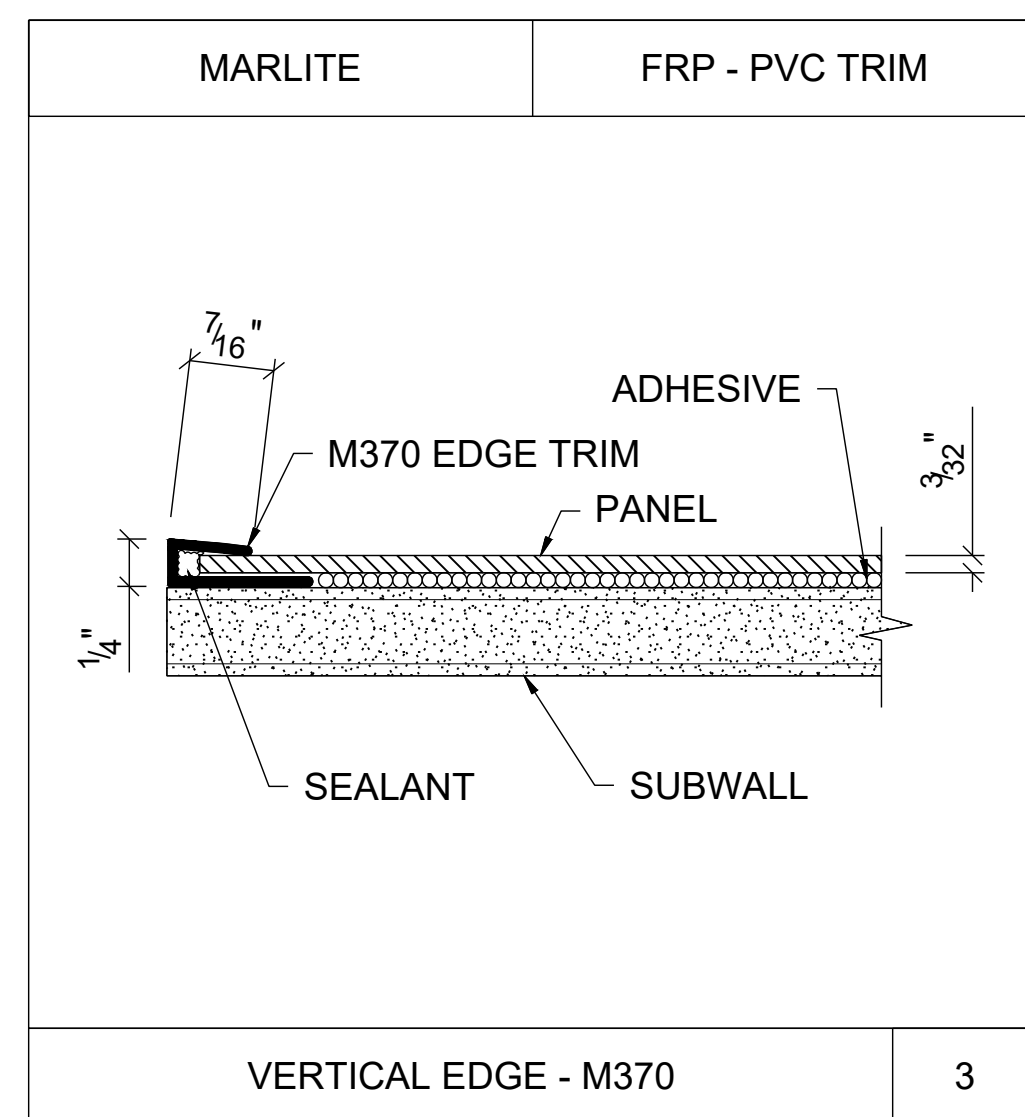
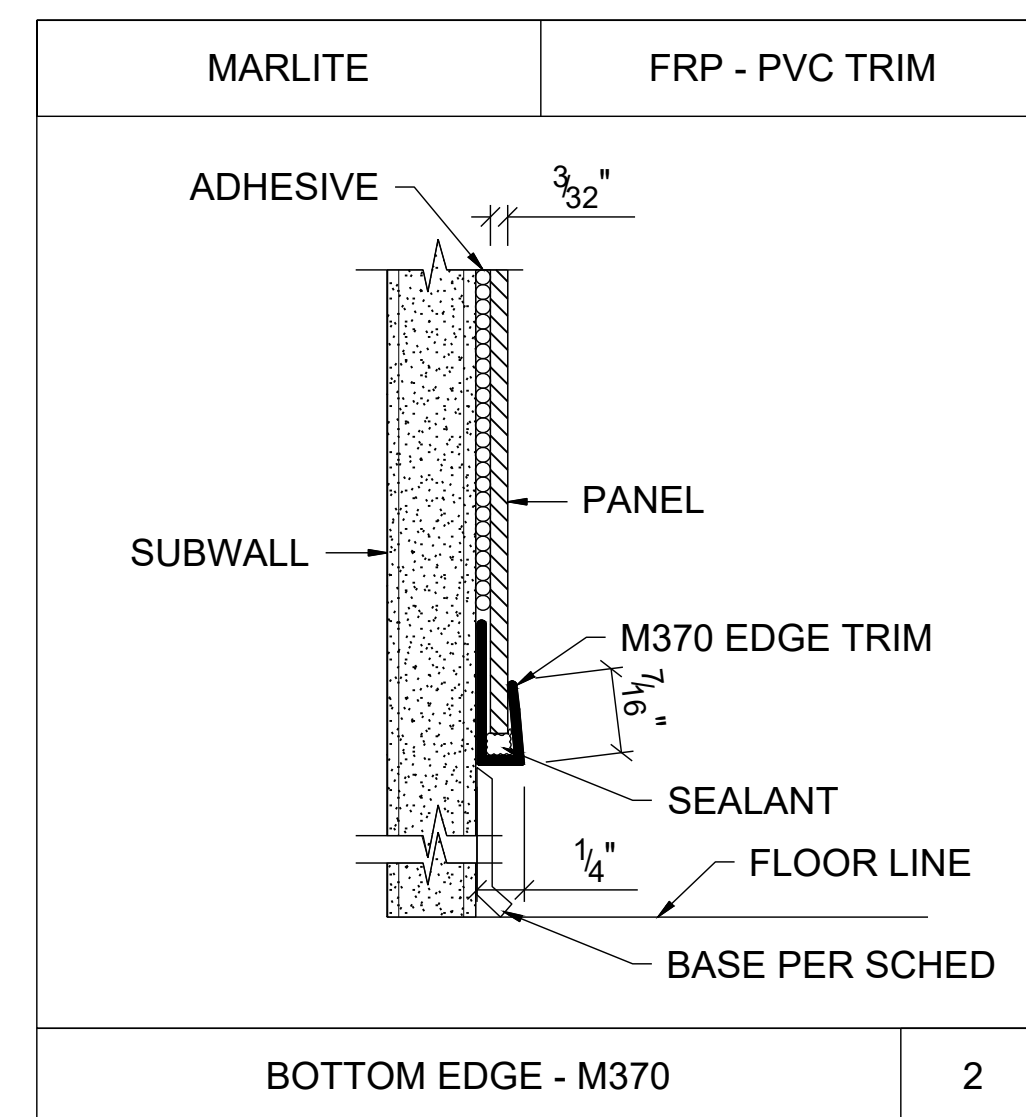
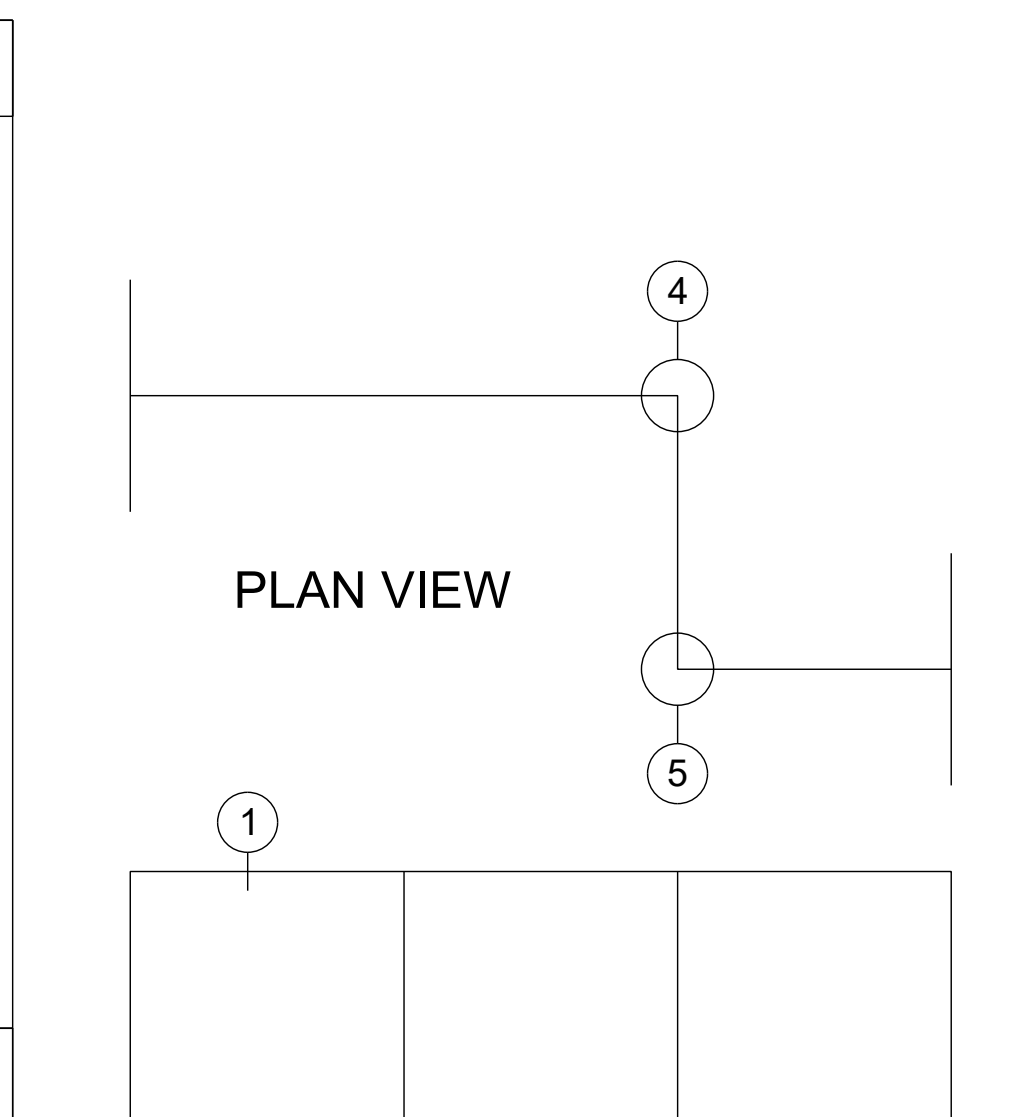
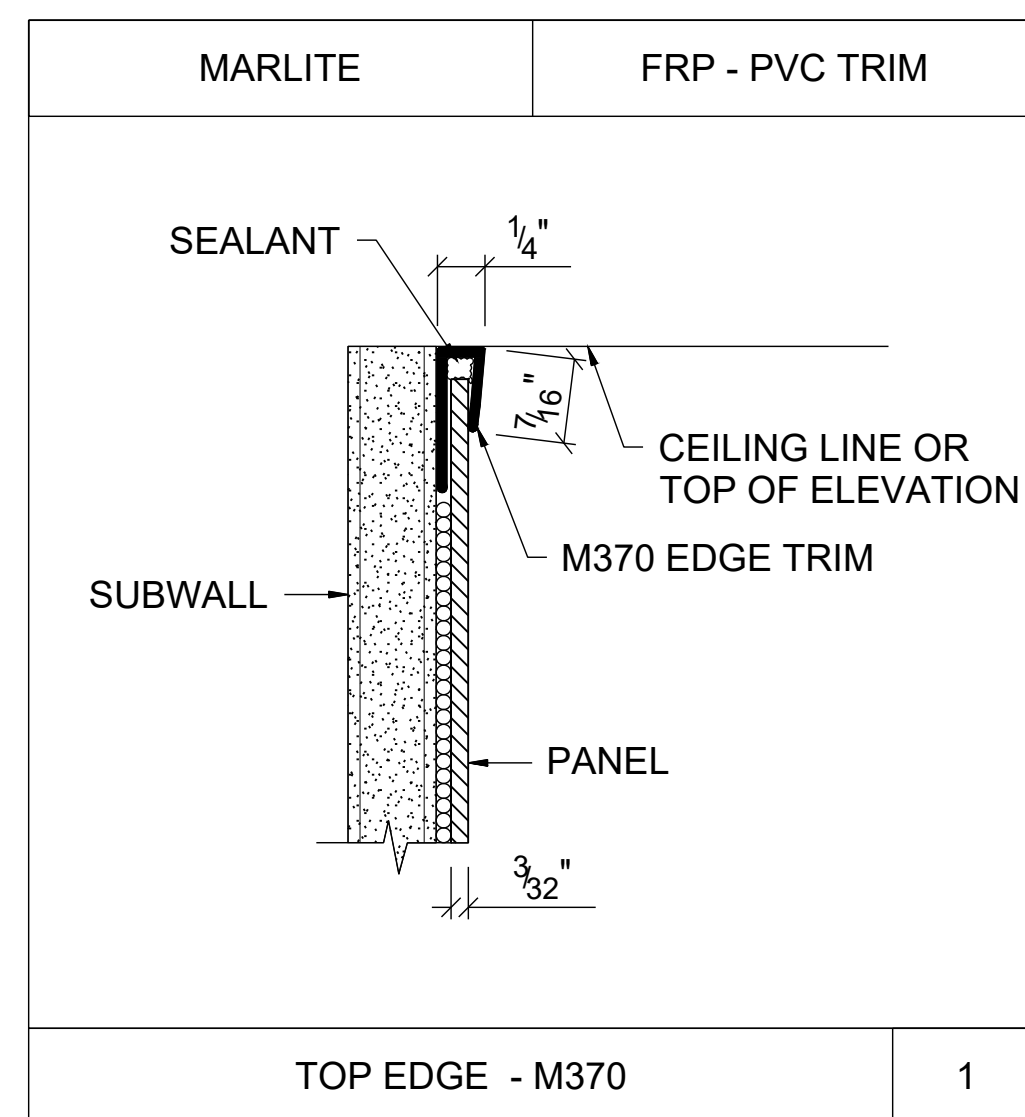
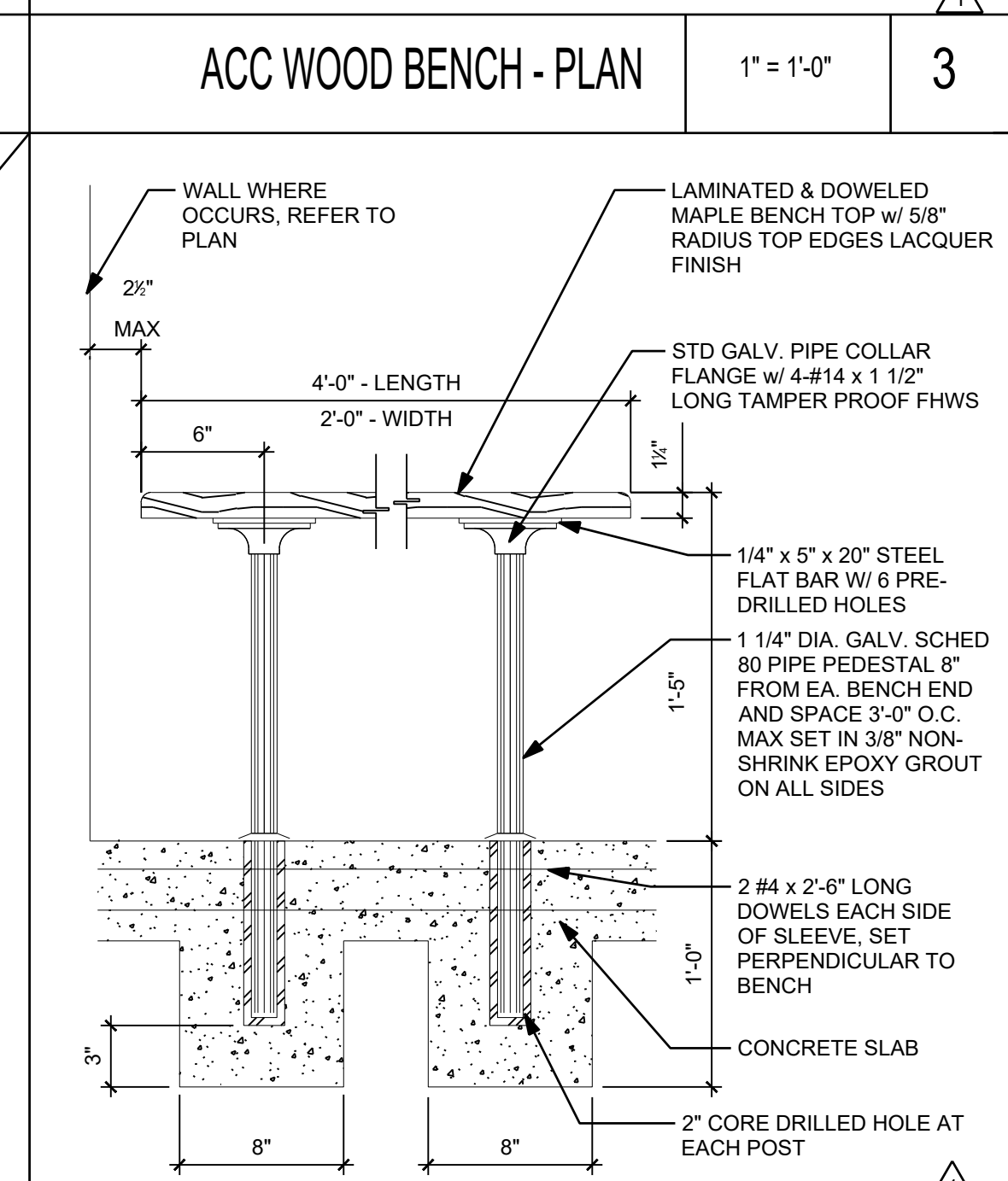
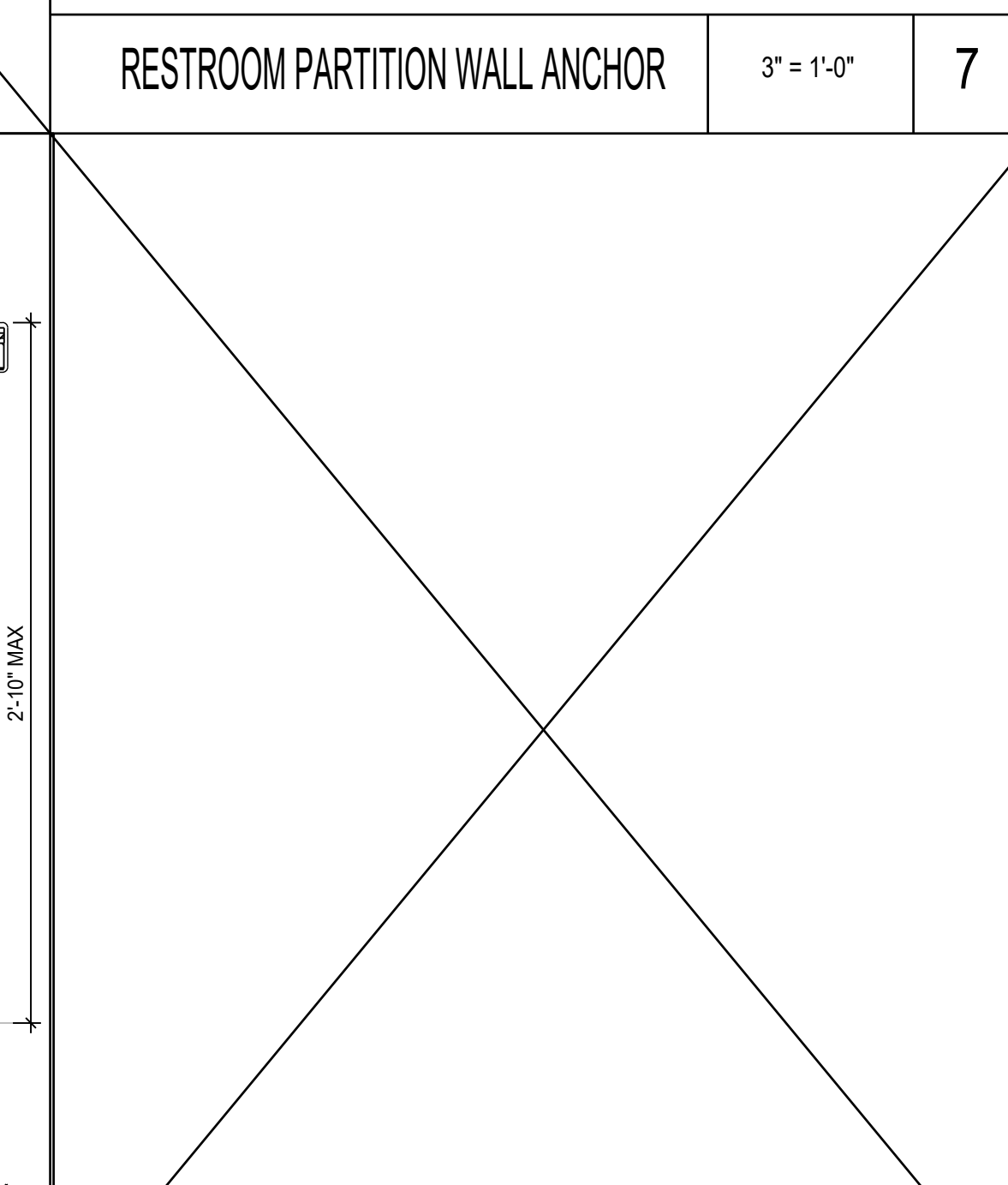
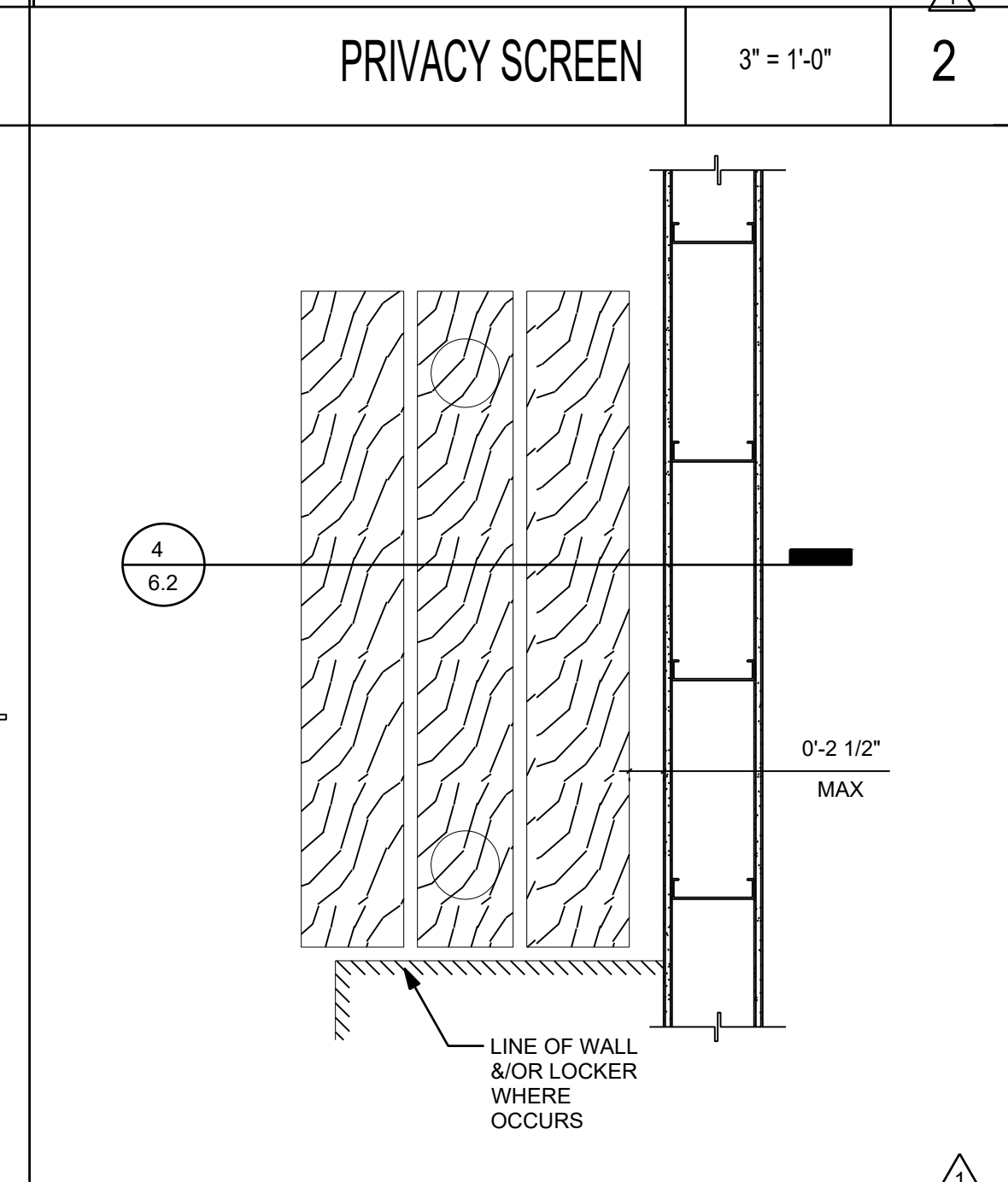
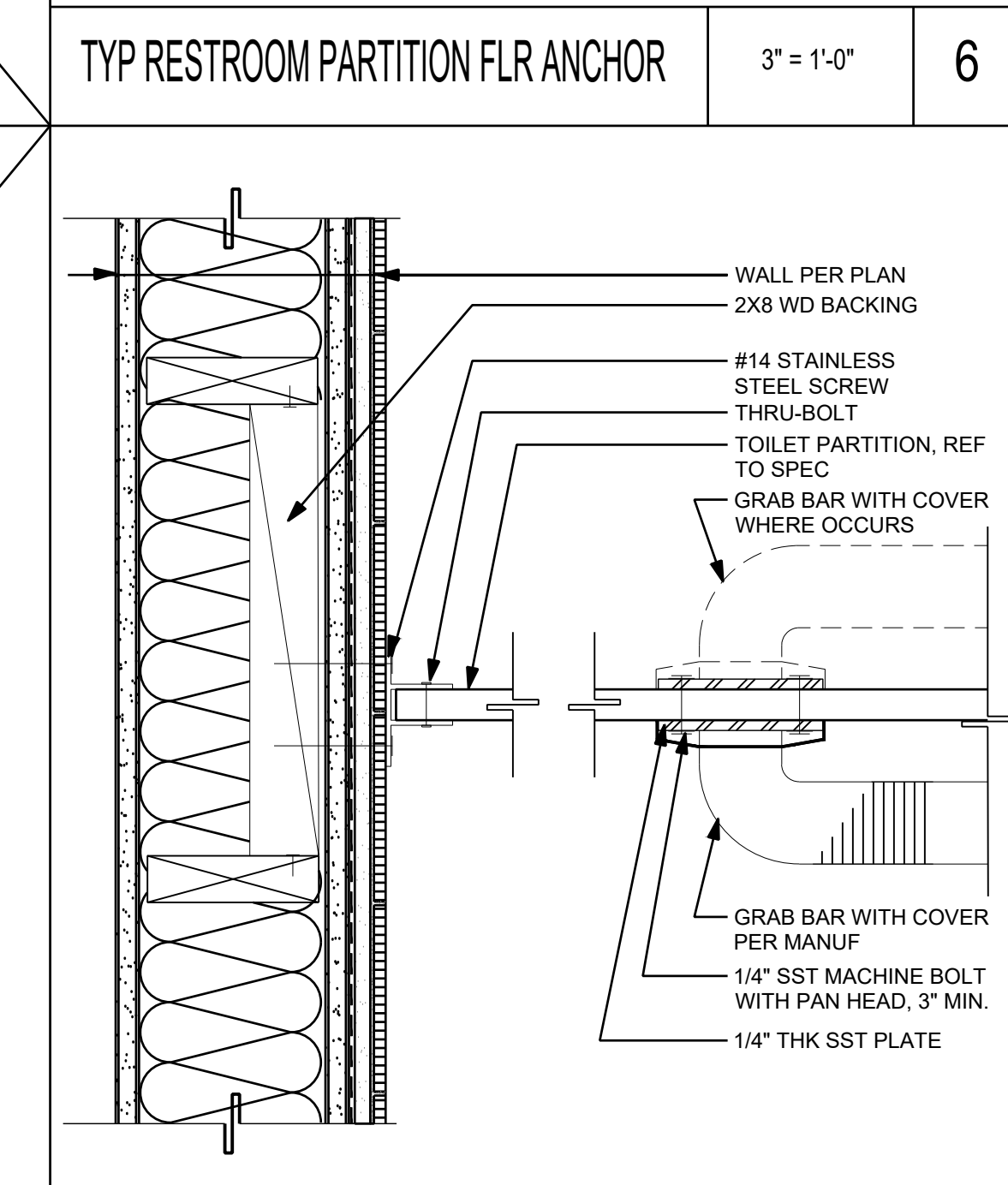
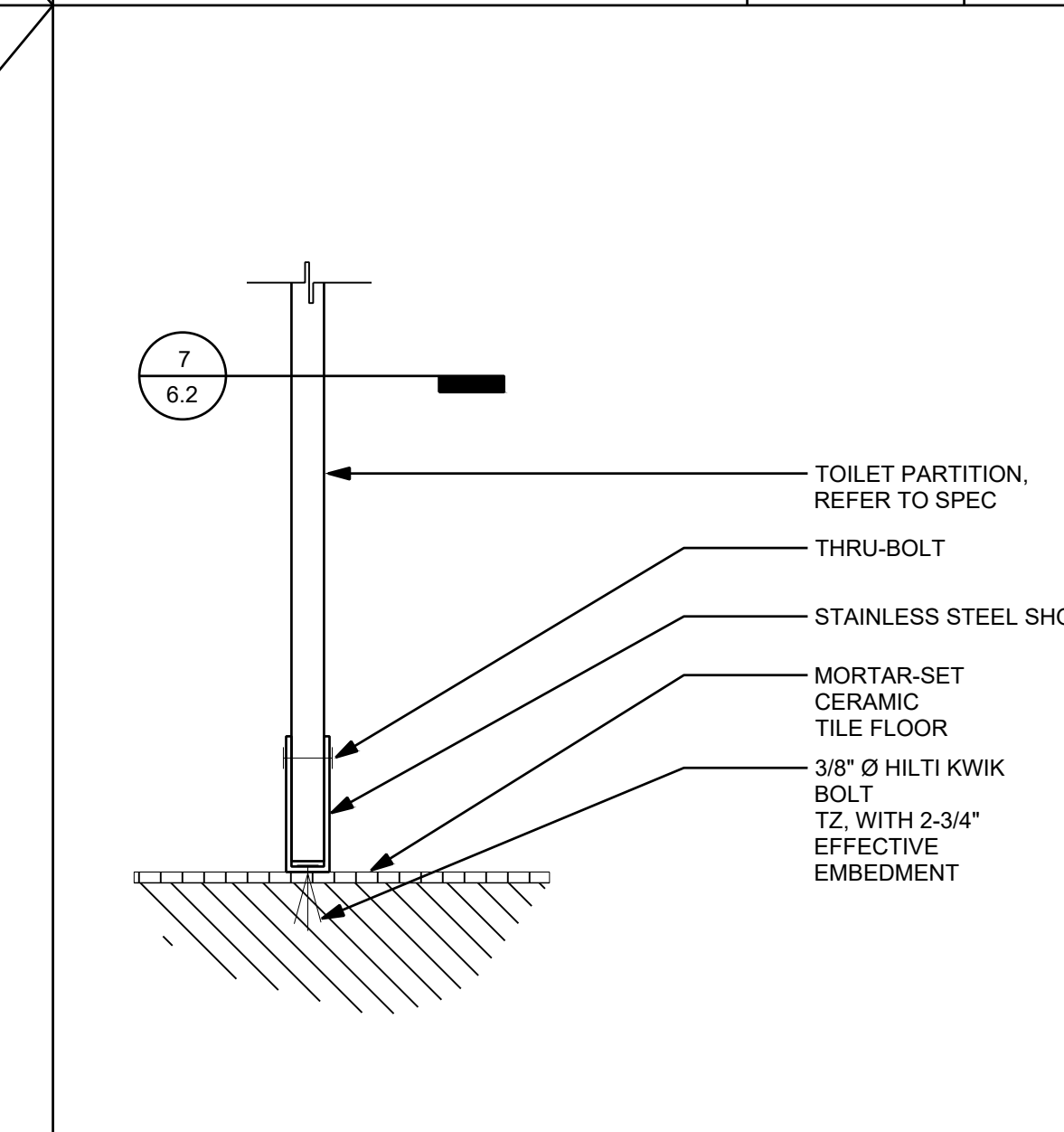
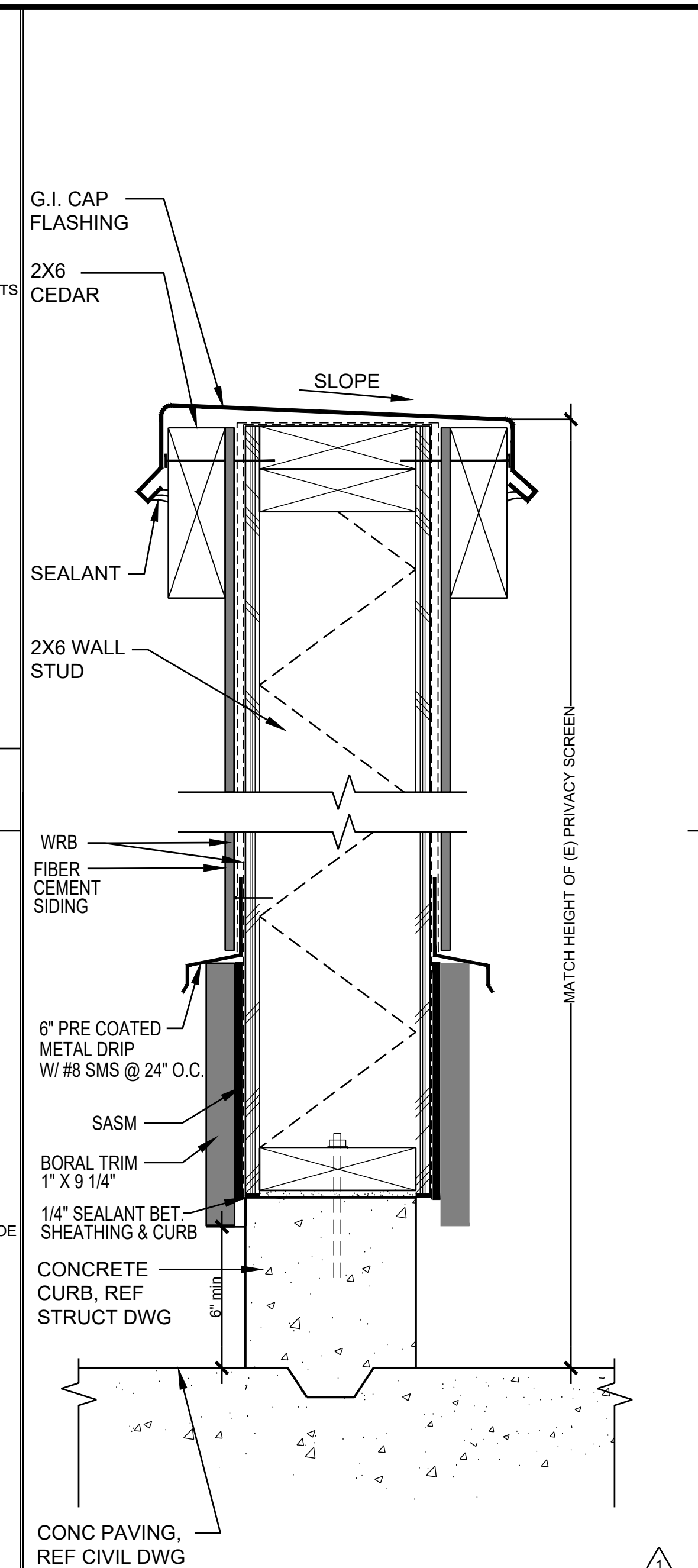
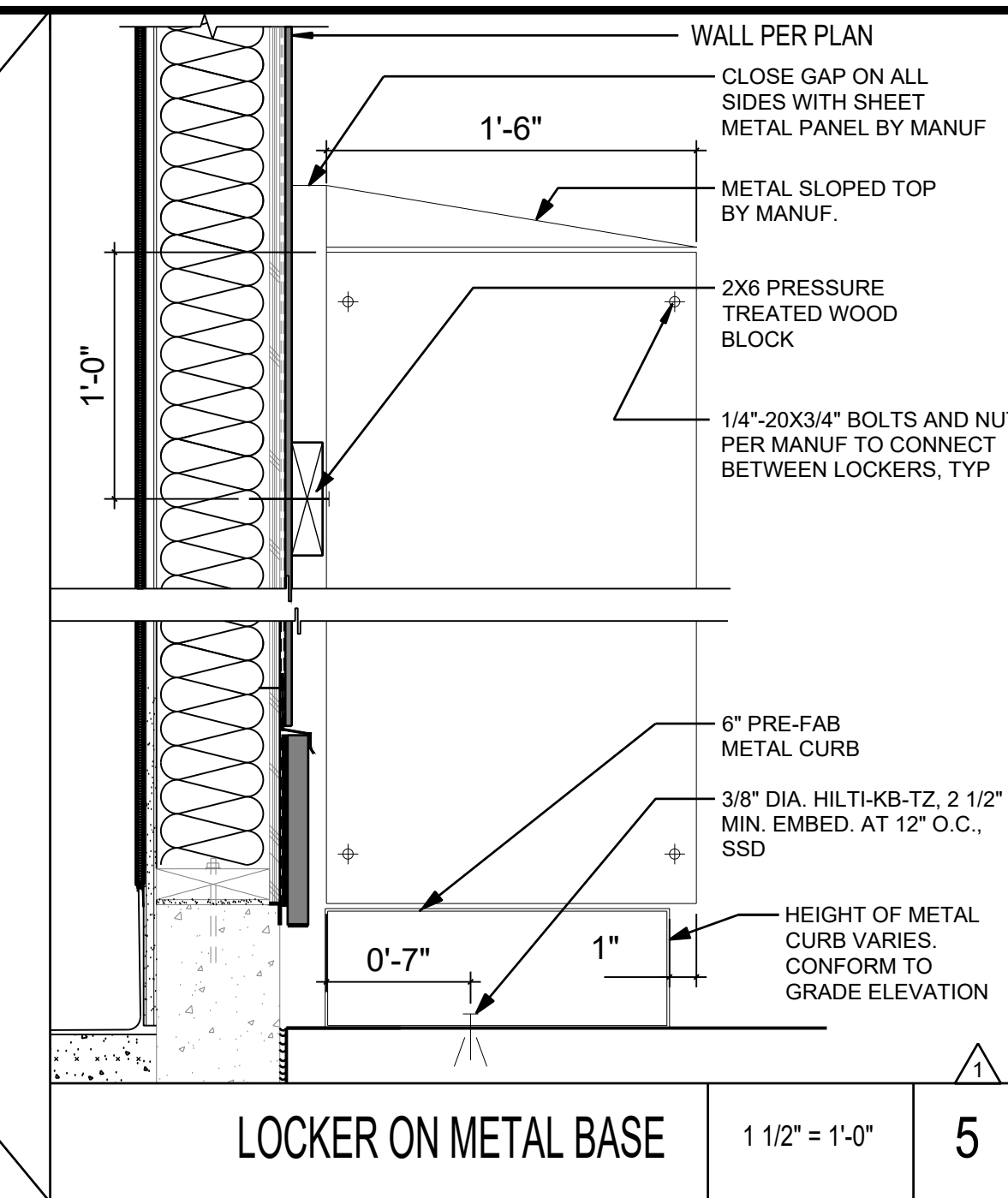
| REVISION SCHEDULE | | | |
|-------------------|---------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| 11 | 03/2022 | | AGENCY PLAN REVIEW |
| 12 | 02/2022 | | AGENCY PLAN REVIEW |

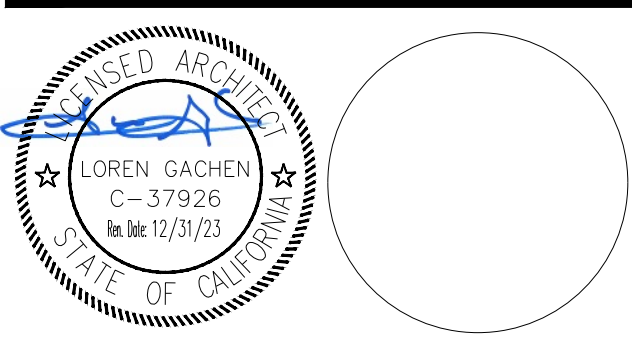
DRAWN: RSR CHECKED: OAE
DATE: 02/25/2022 SCALE: AS NOTED

PROJECT NUMBER: 2010200

CASEWORK & MISCELLANEOUS DETAILS

DRAWING NUMBER: **6.2**





CONSULTANT

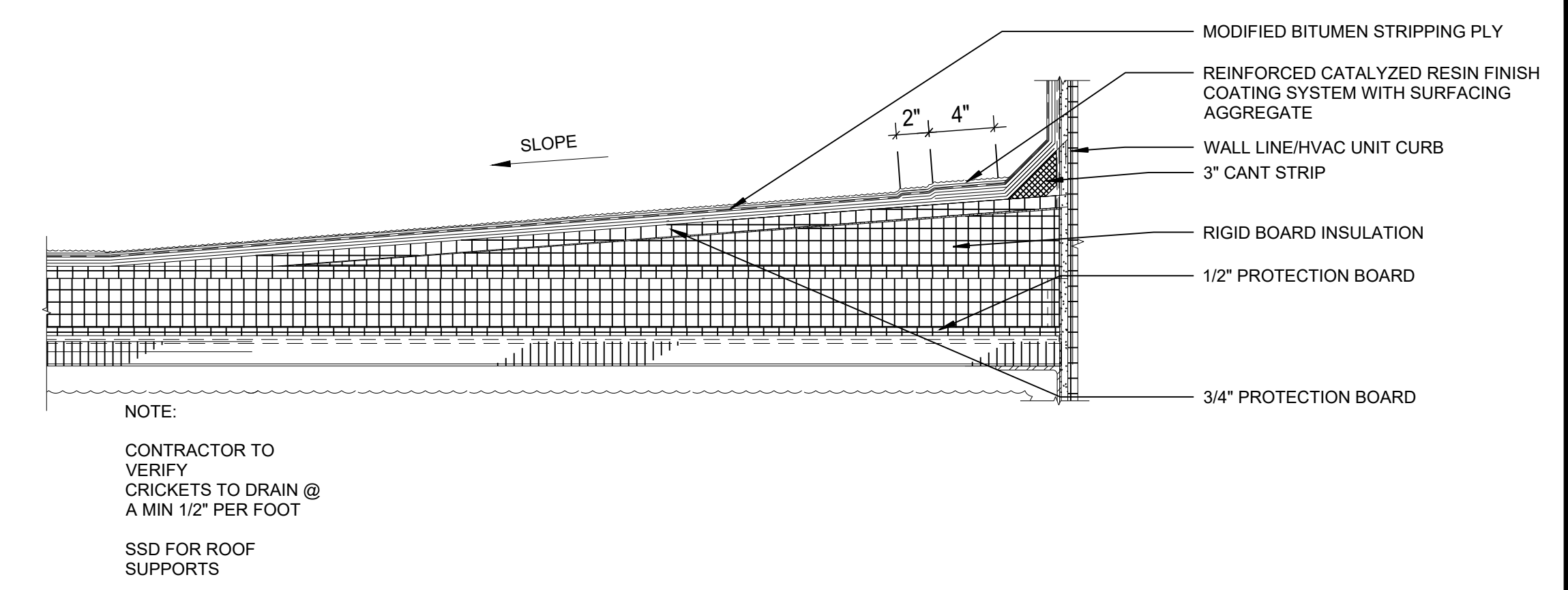
VANESSA GARRETT P.E. CE84141 DATE

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO. | DATE | BY | DESCRIPTION |
| 1 | 11/03/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |

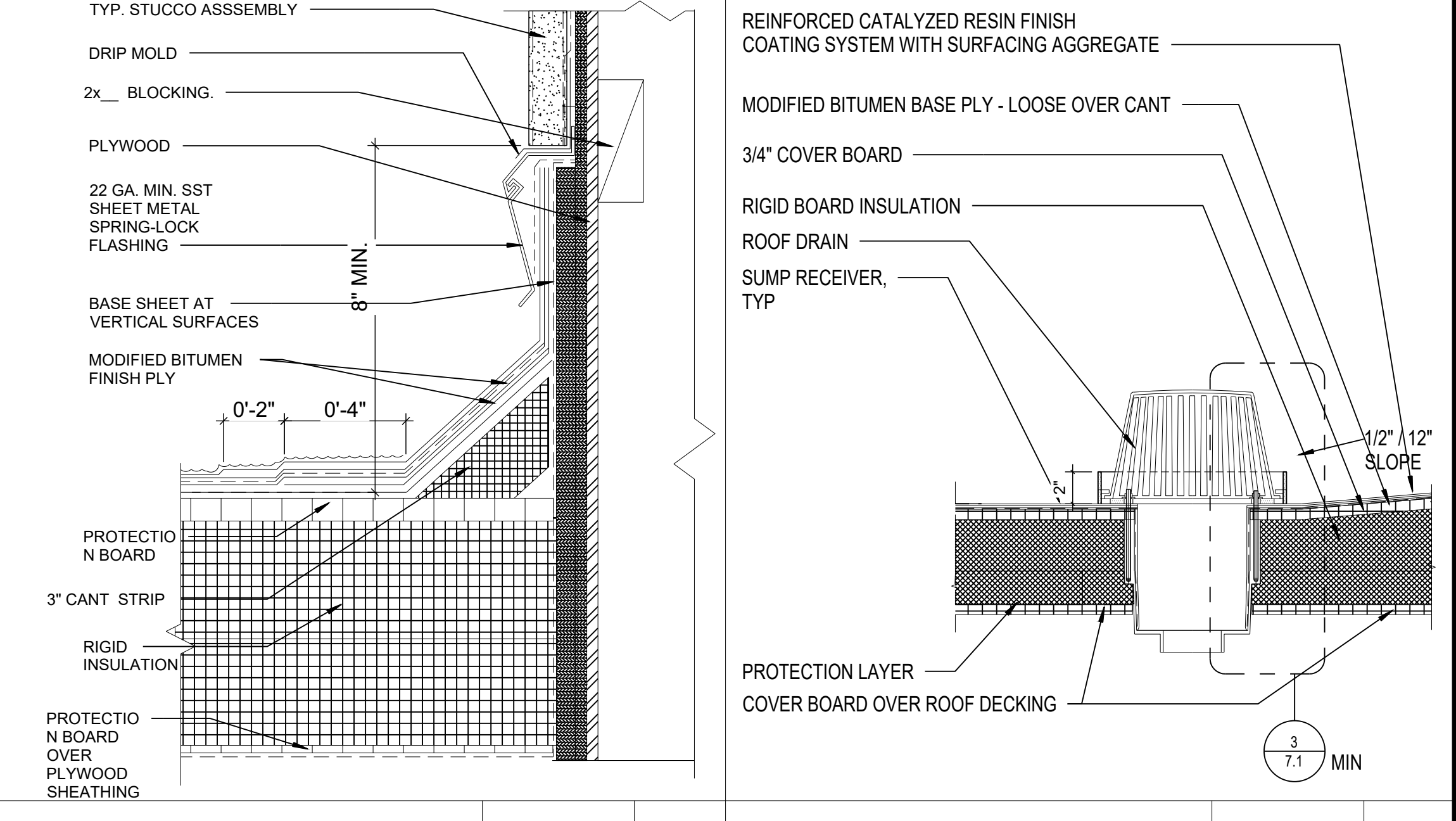
DRAWN: VP CHECKED: OE
 DATE: 02/25/2022 SCALE: NONE
 PROJECT NUMBER: 2010200

THERMAL AND MOISTURE PROTECTION

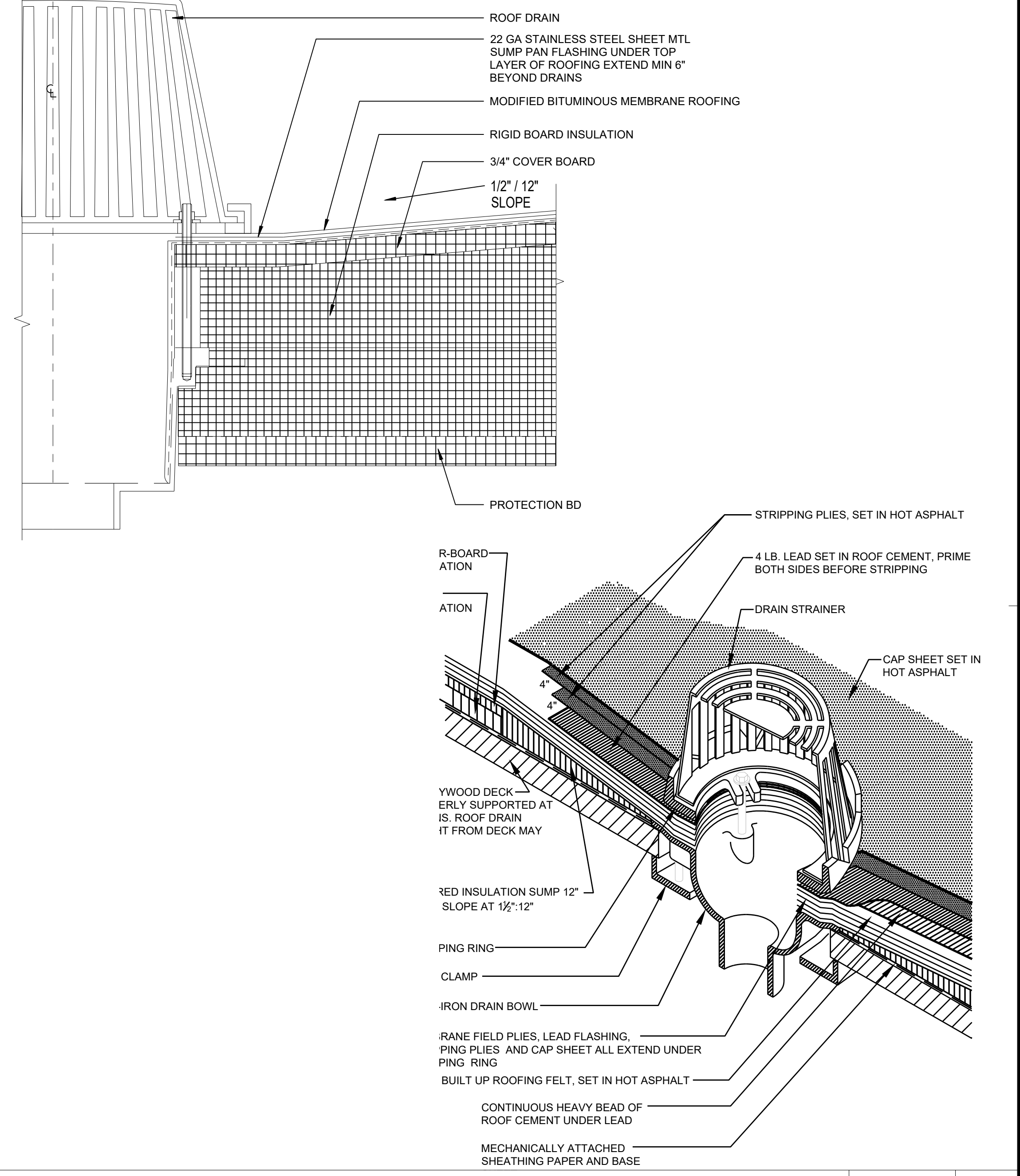
DRAWING NUMBER: **7.1**



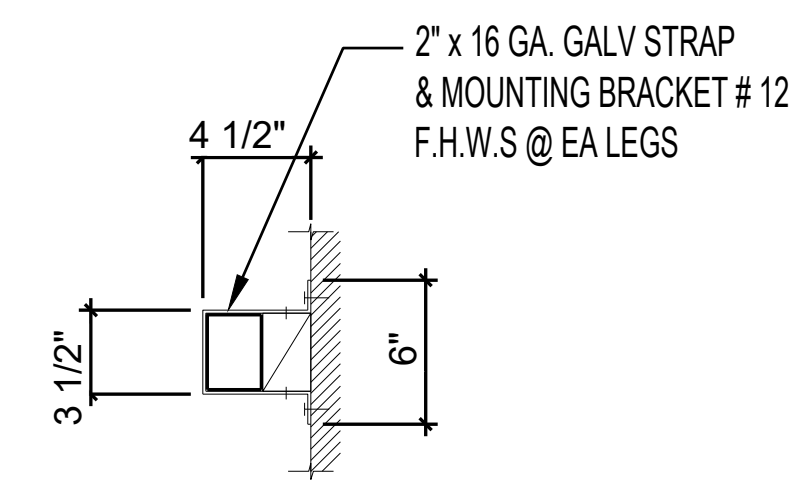
CRICKET DETAIL 1 1/2" = 1'-0" 1



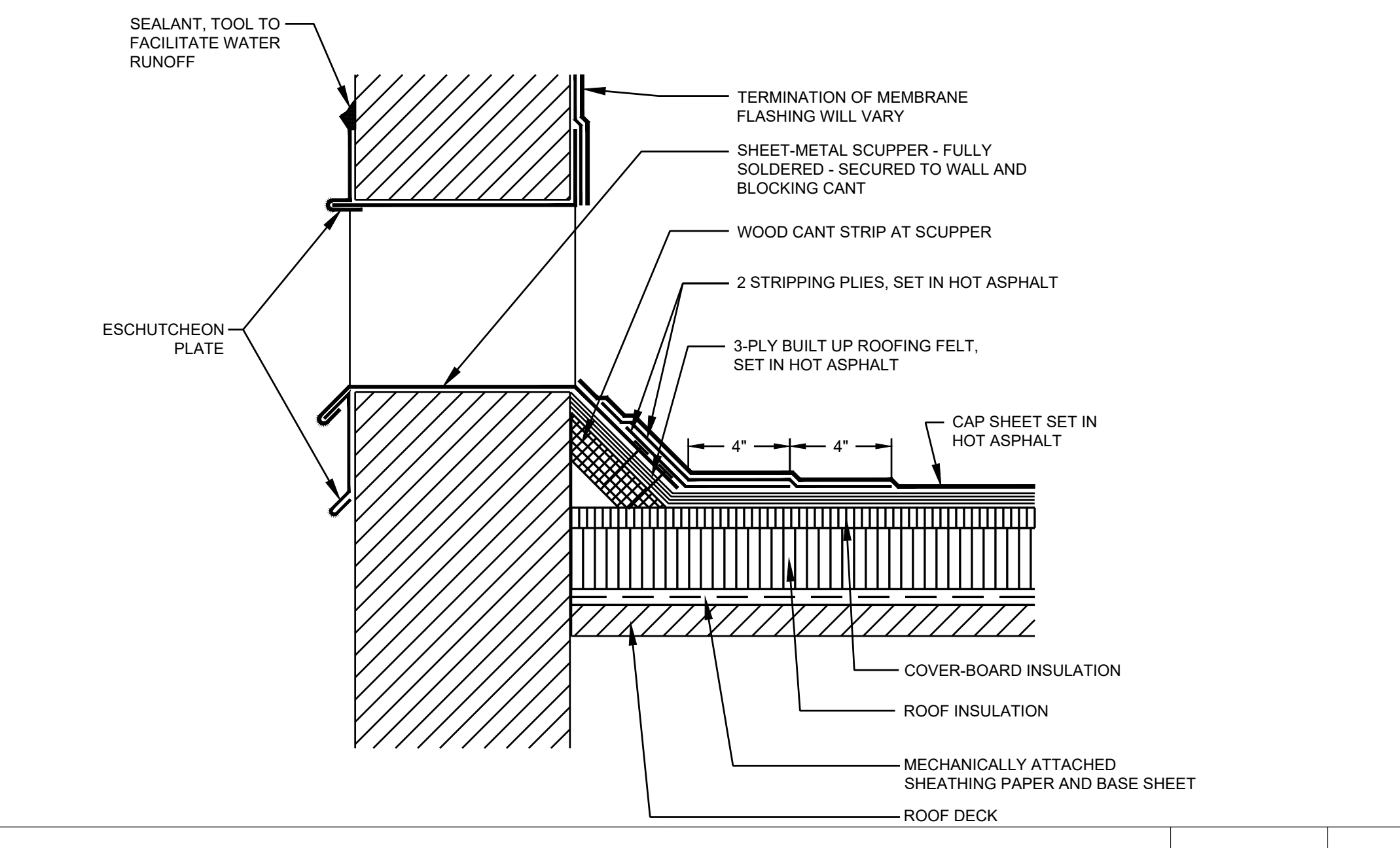
TYP CANT STRIP 3" = 1'-0" 6



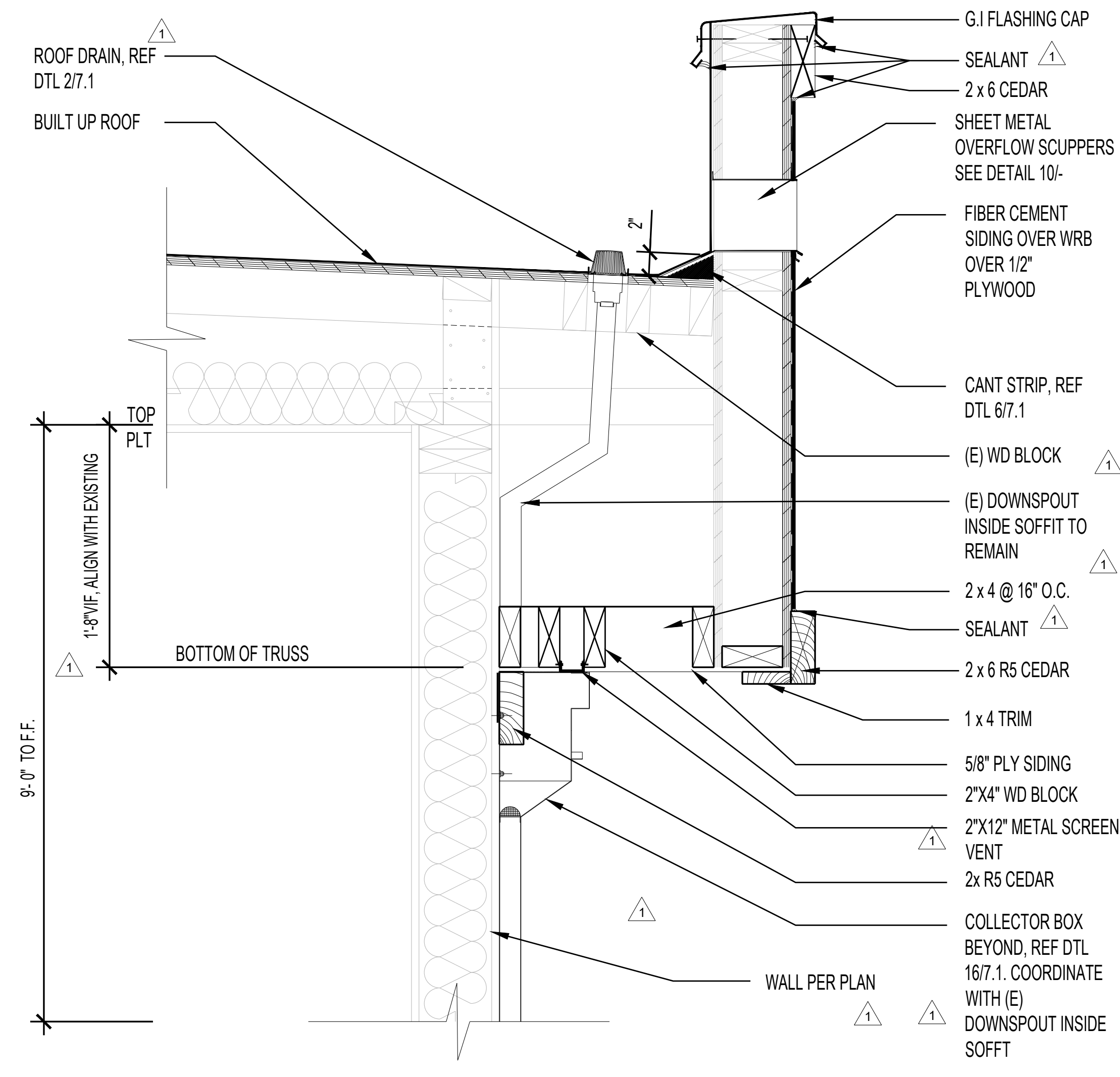
ENLARGED ROOF DRAIN & ISOMETRIC VIEW 3" = 1'-0" 4



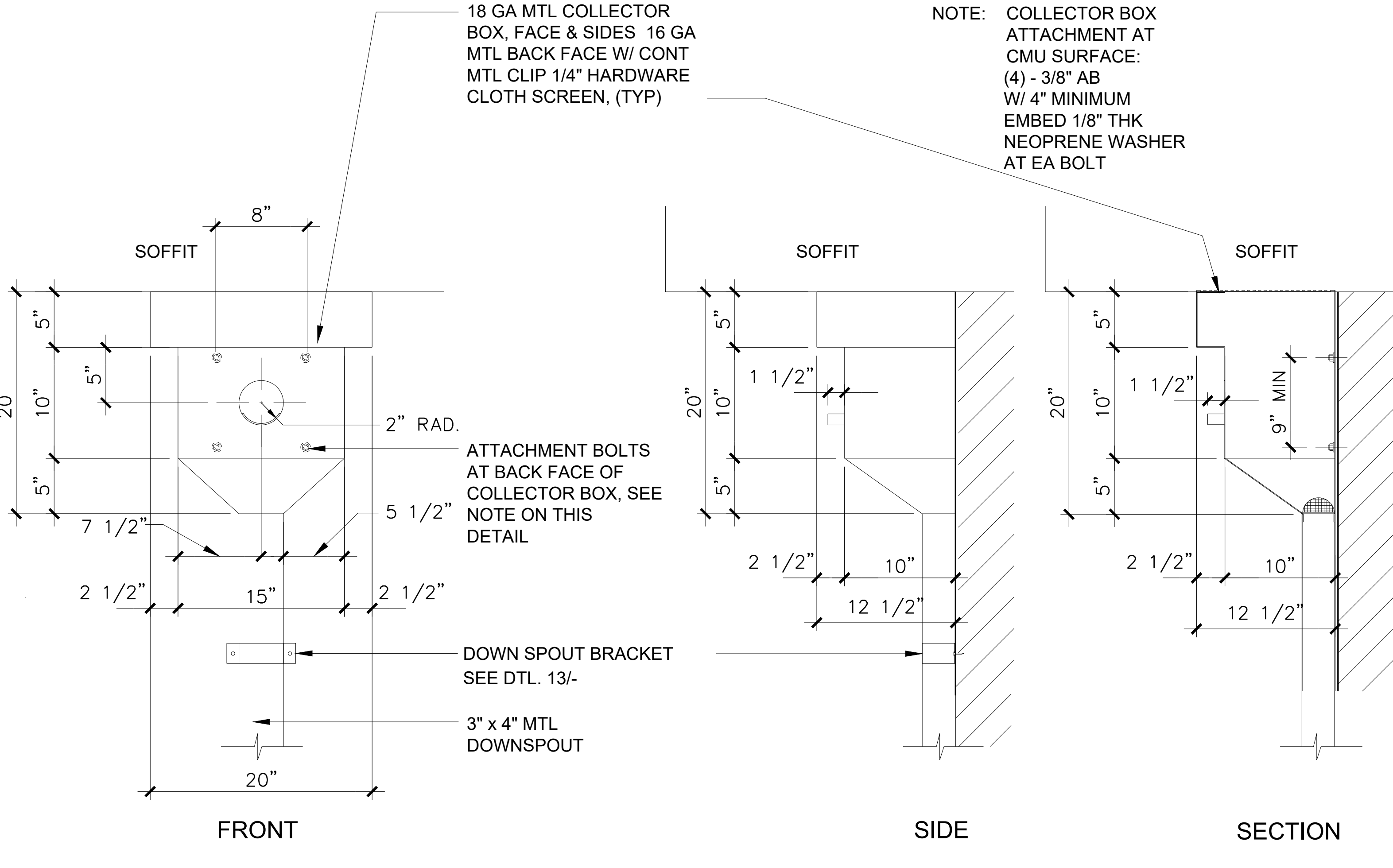
DOWNSPOUTS BRACKET 1 1/2" = 1'-0" 13



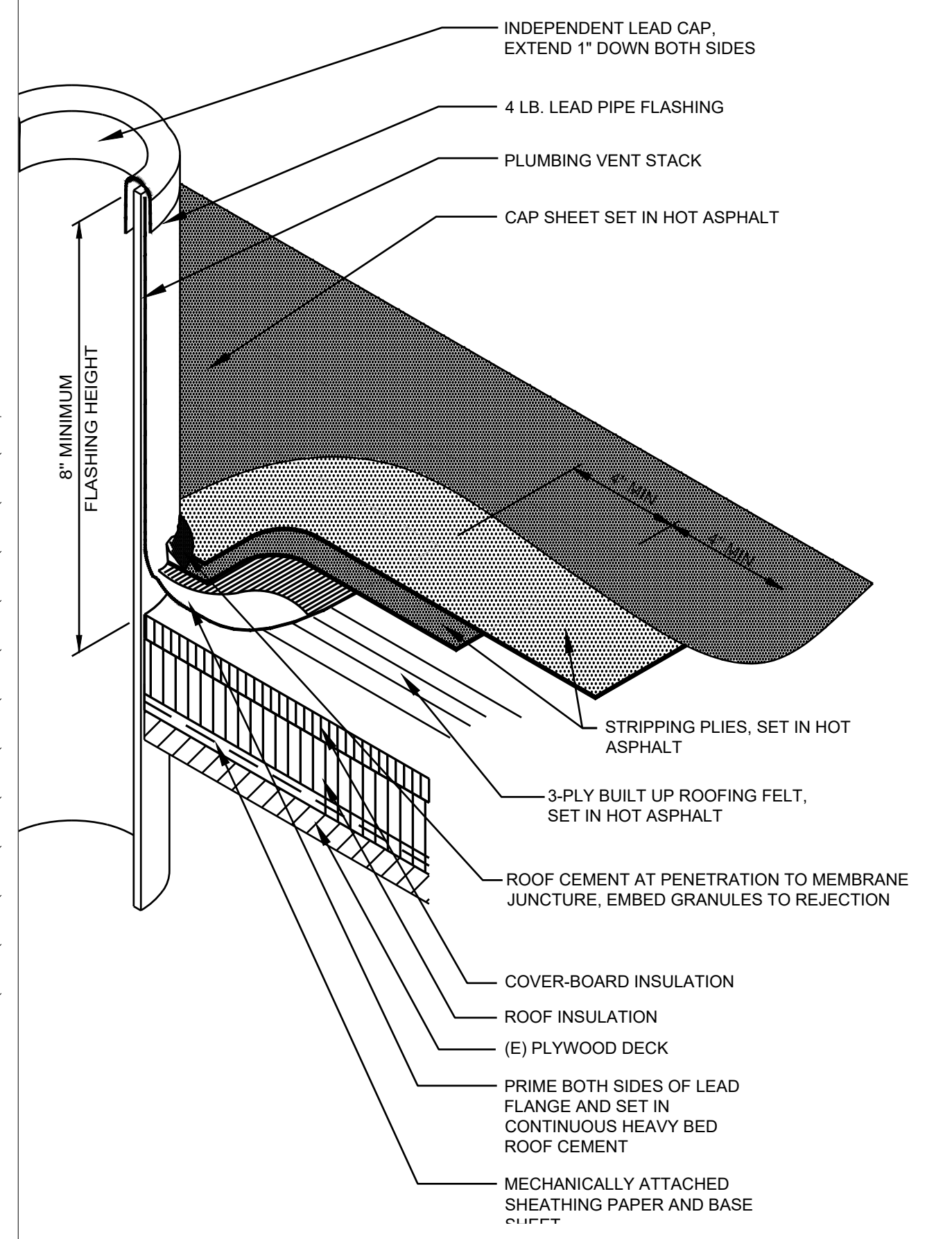
SHEET METAL OVERFLOW SCUPPER 1" = 1'-0" 10



TYPICAL ROOF TRUSS AT FASCIA 1-1/2" = 1'-0" 18



COLLECTOR BOX DETAIL NTS 16



VENT PIPE PENETRATION NTS 12

HONEYBEE POOL RENOVATION

CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



CONSULTANT

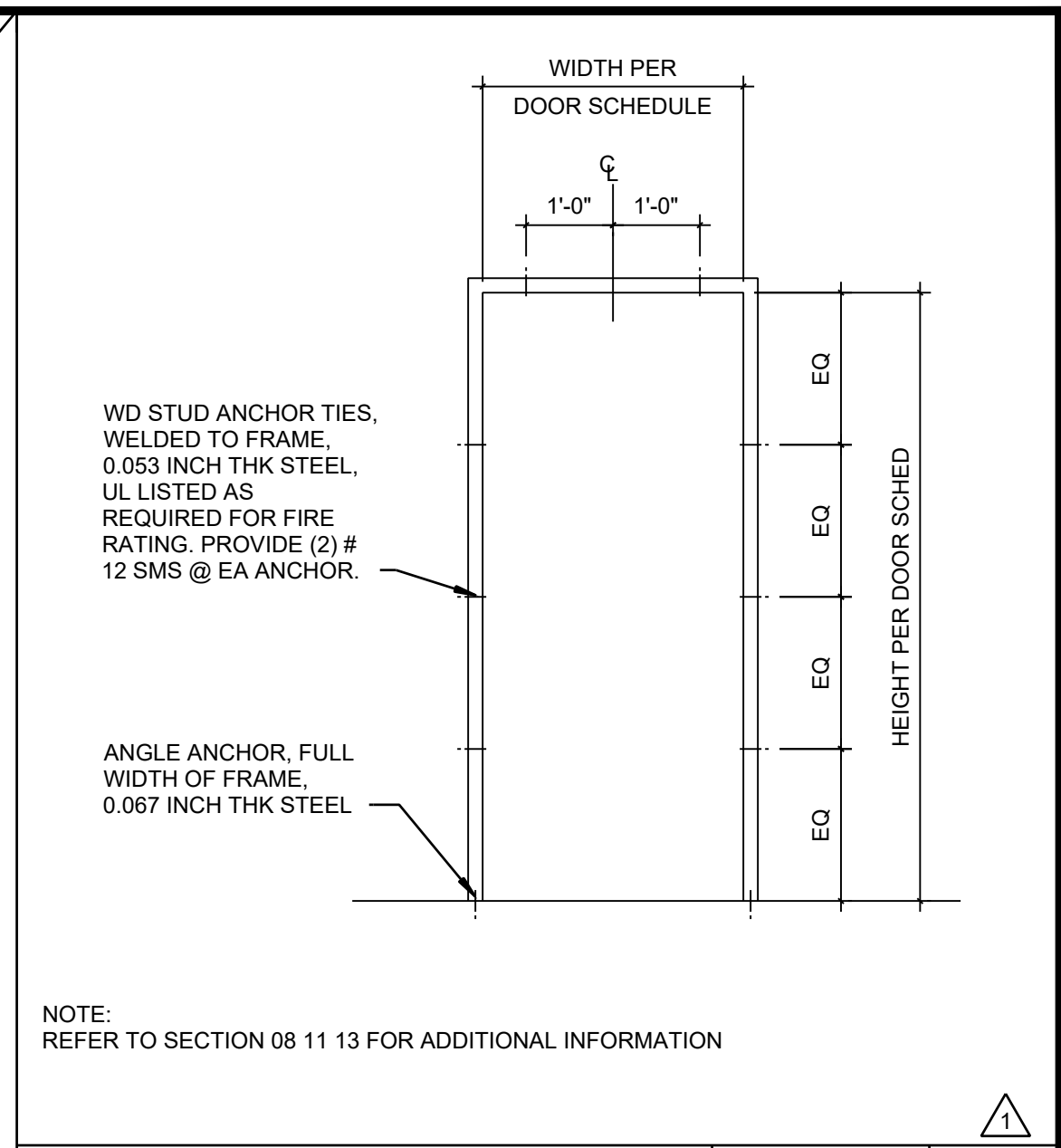
VANESSA GARRETT P.E. CE#1411 DATE

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| 1 | 11/03/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |
| | | | |
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| | | | |

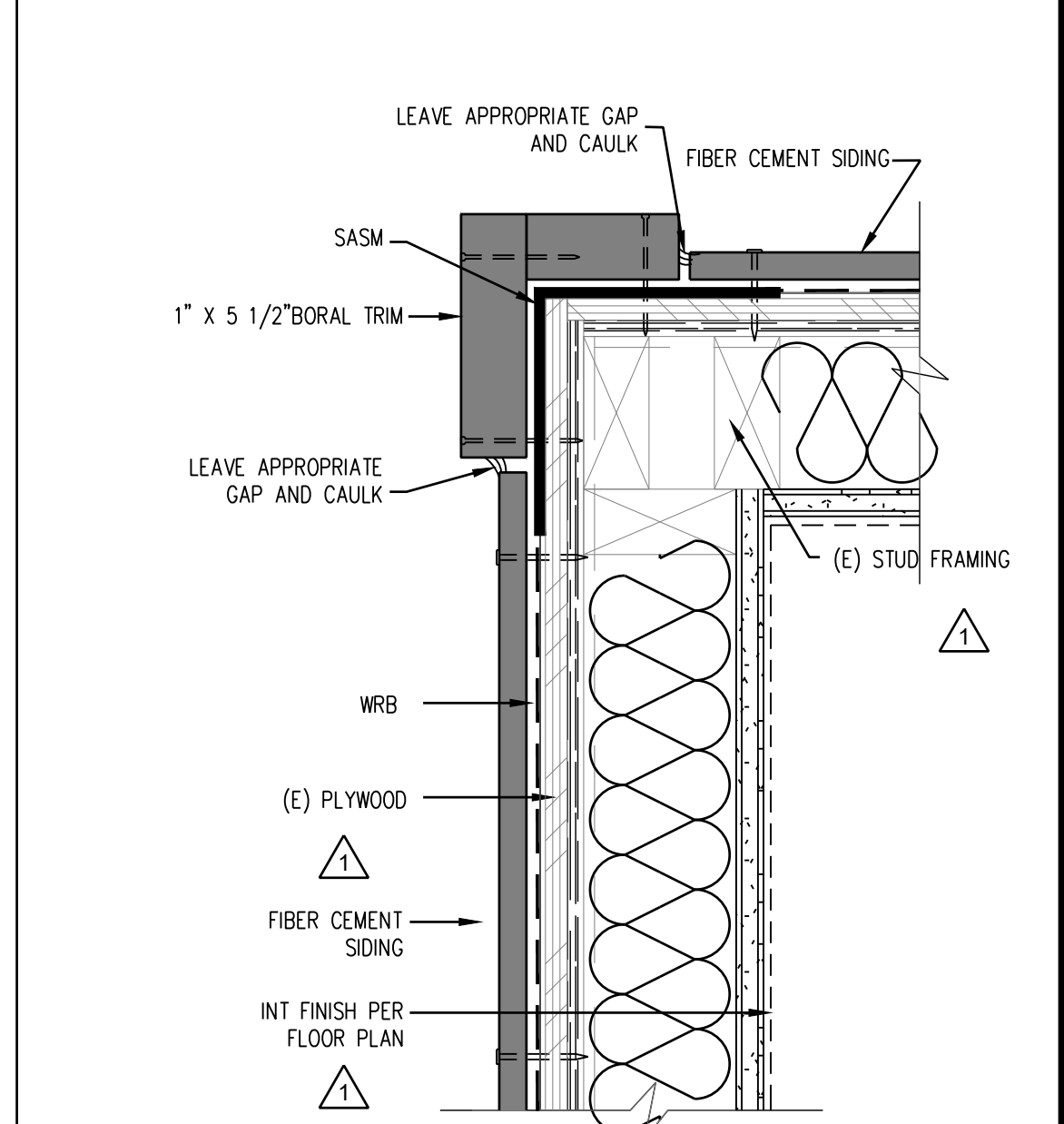
DRAWN: RSR CHECKED: OAE
DATE: 02/25/2022 SCALE: AS NOTED
PROJECT NUMBER: 2010200

WINDOW / DOOR DETAILS

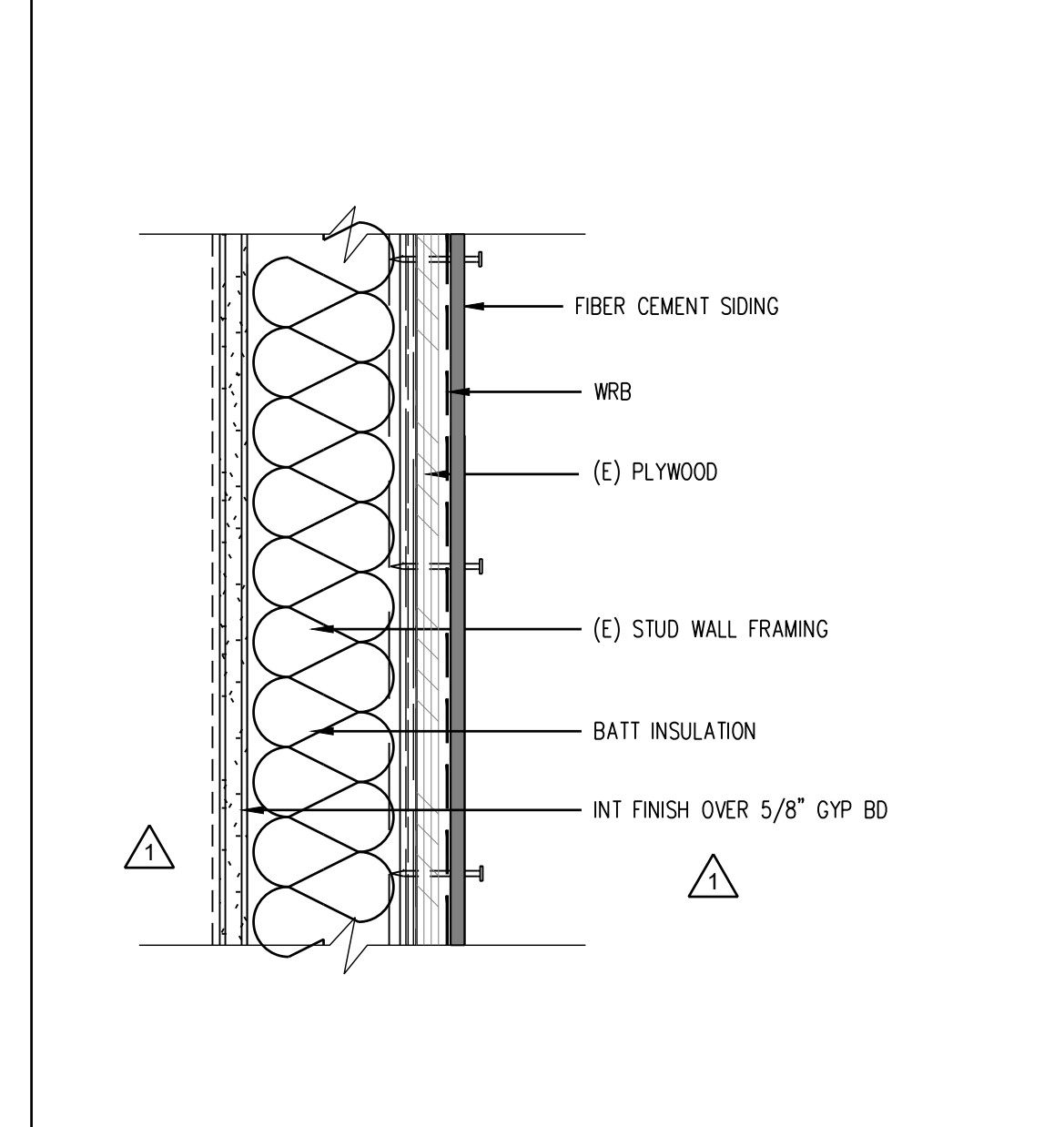
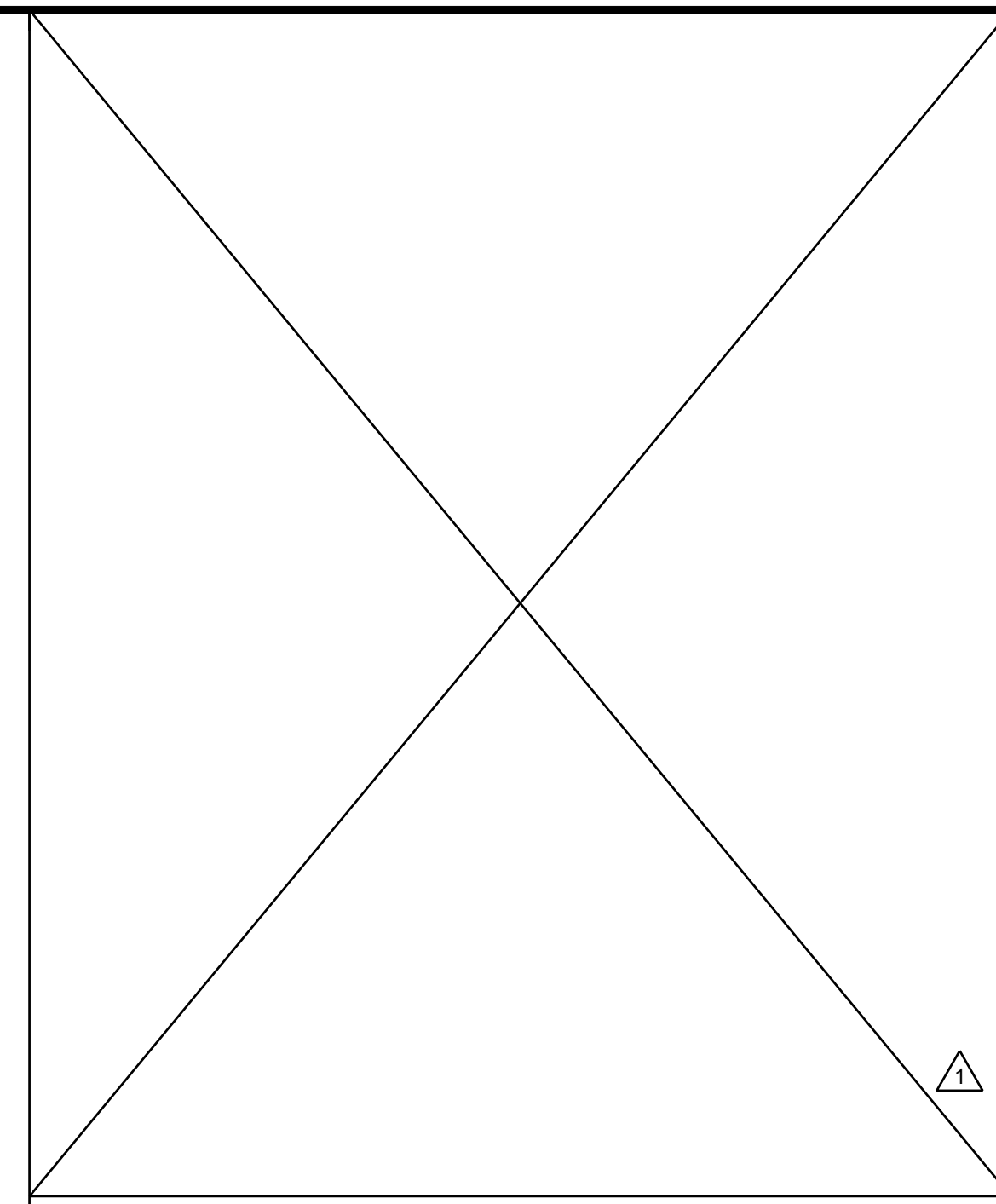
DRAWING NUMBER: **8.1**



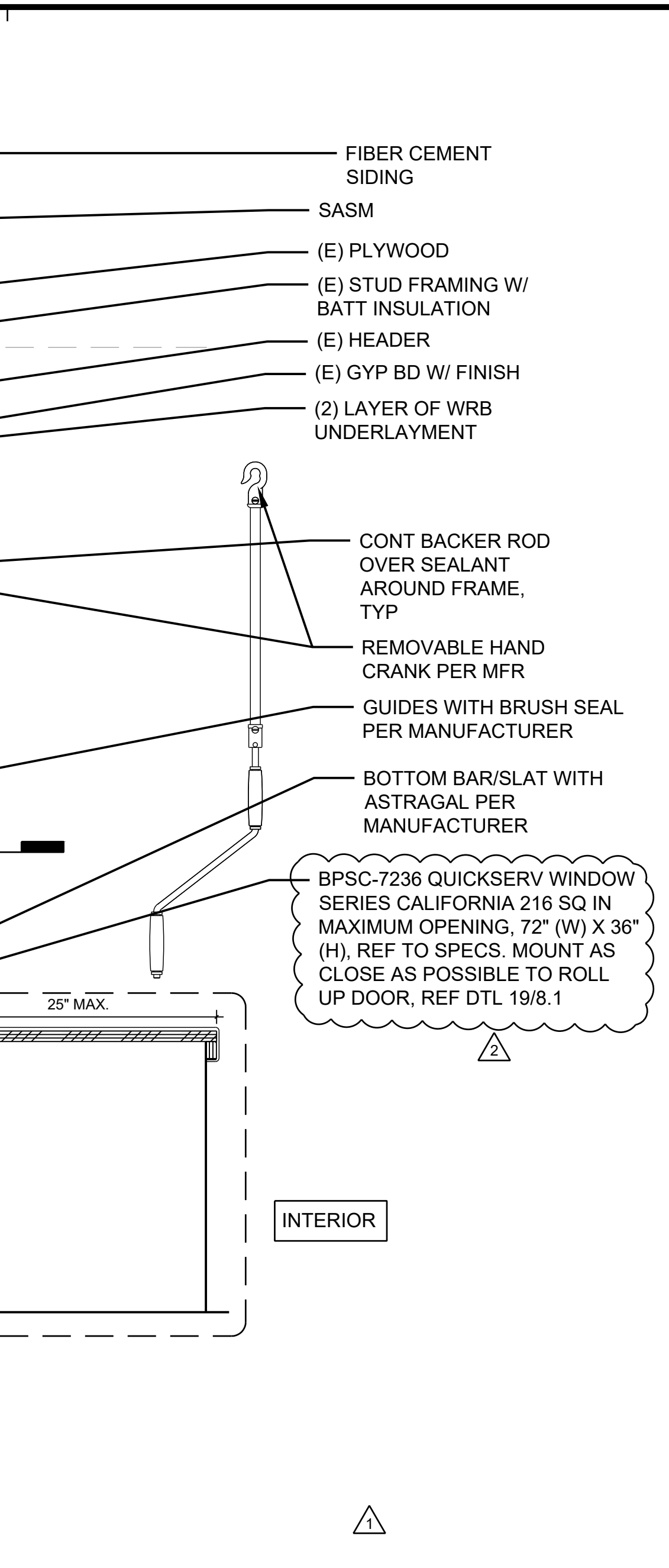
TYP DOOR ANCHORAGE 1/2" = 1'-0" 1



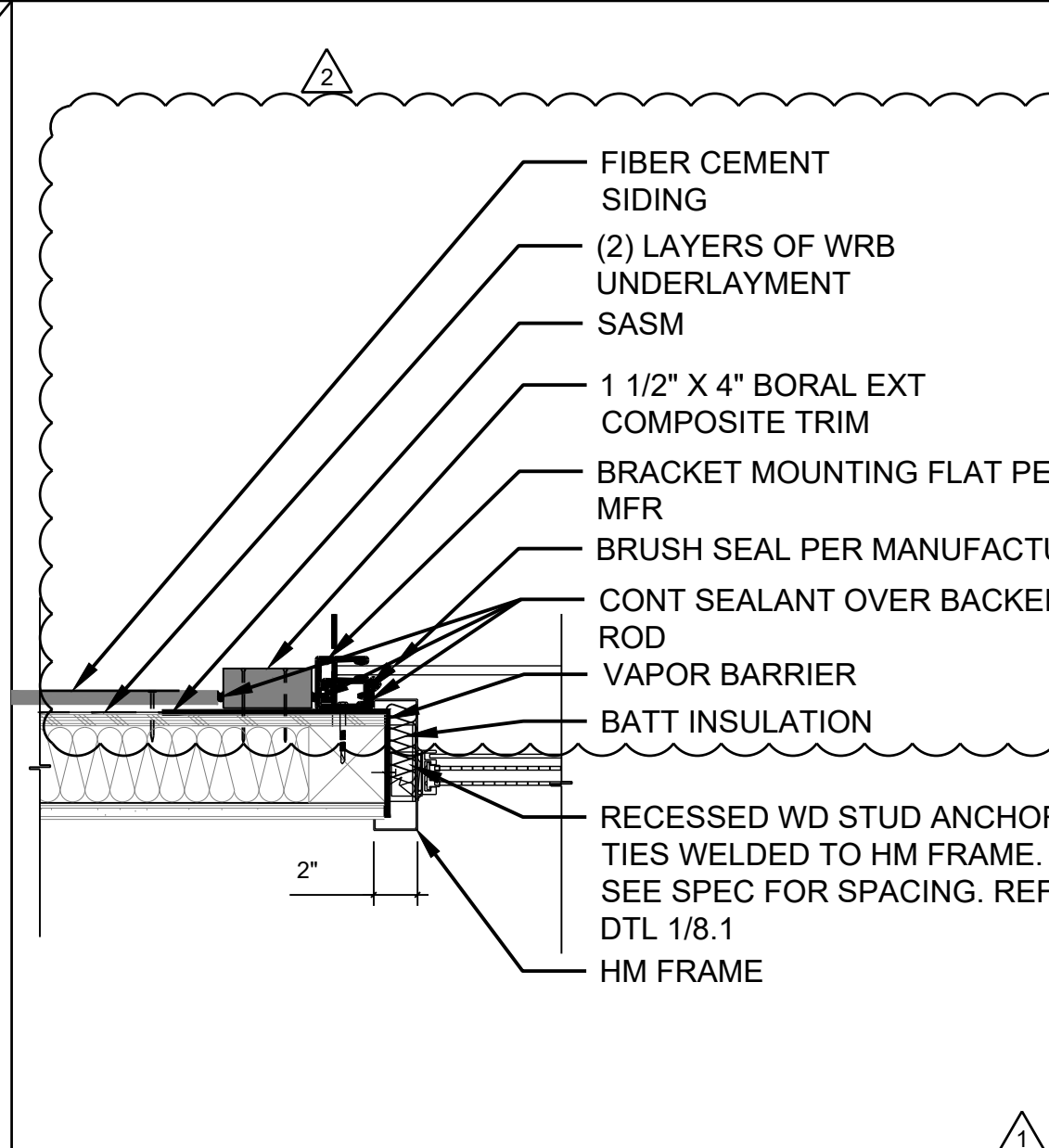
TYP. OUTSIDE CORNER AT SIDING (HORIZ.) 3" = 1'-0" 2



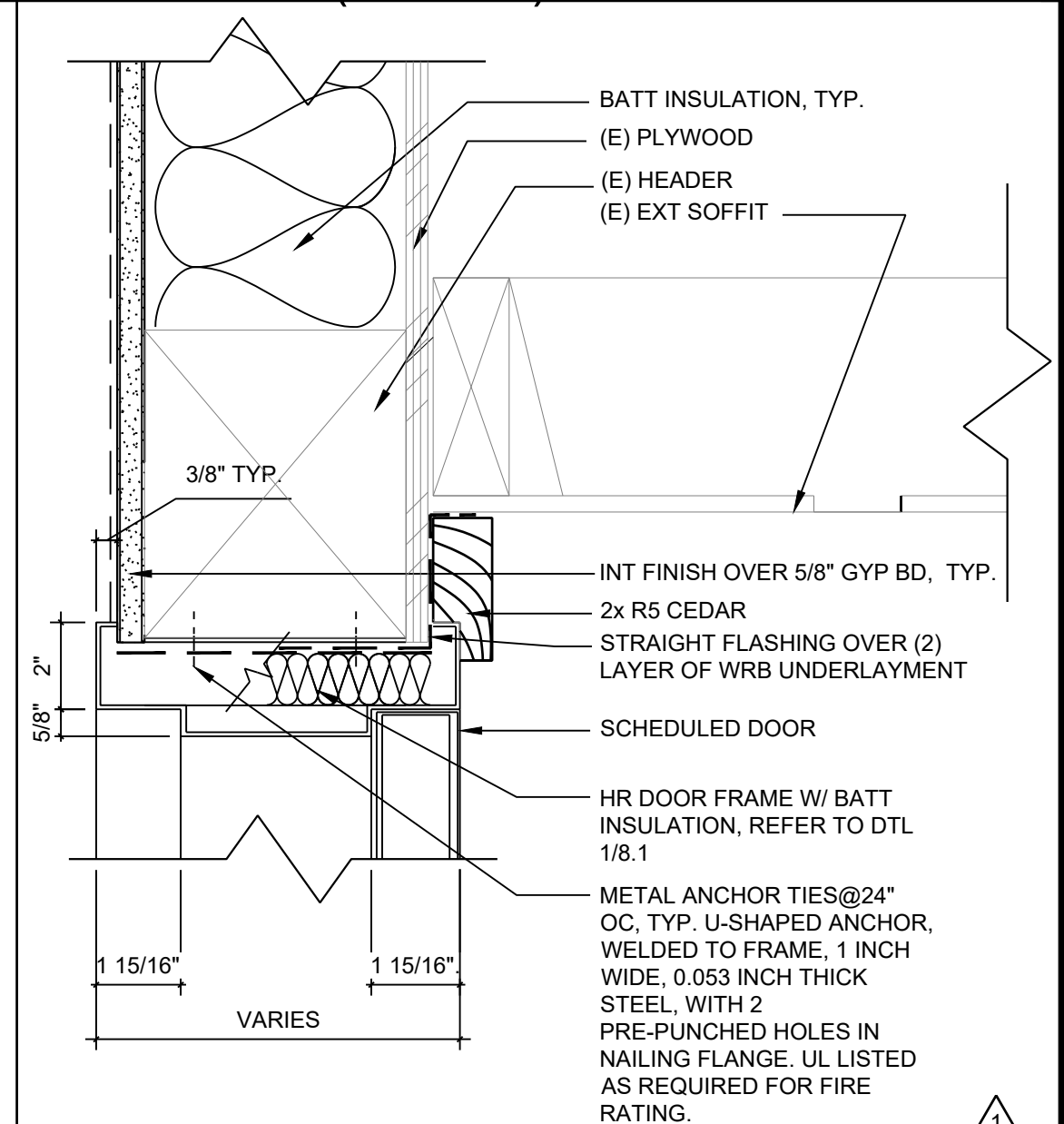
TYP INT DOOR HEAD (JAMB SIM) 3" = 1'-0" 7



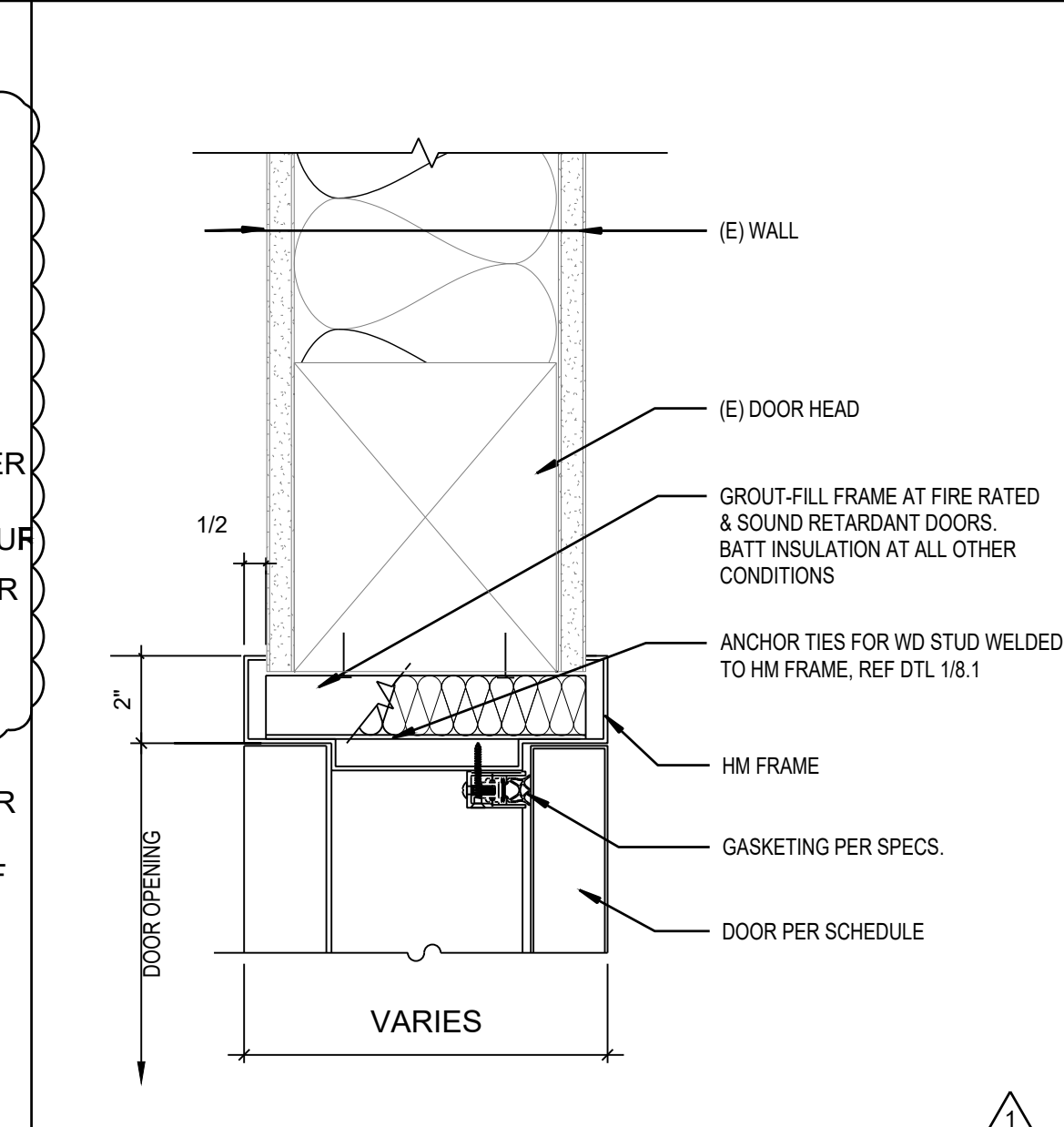
COUNTER SERVICE DOOR @ CONCESSION 1 1/2" = 1'-0" 10



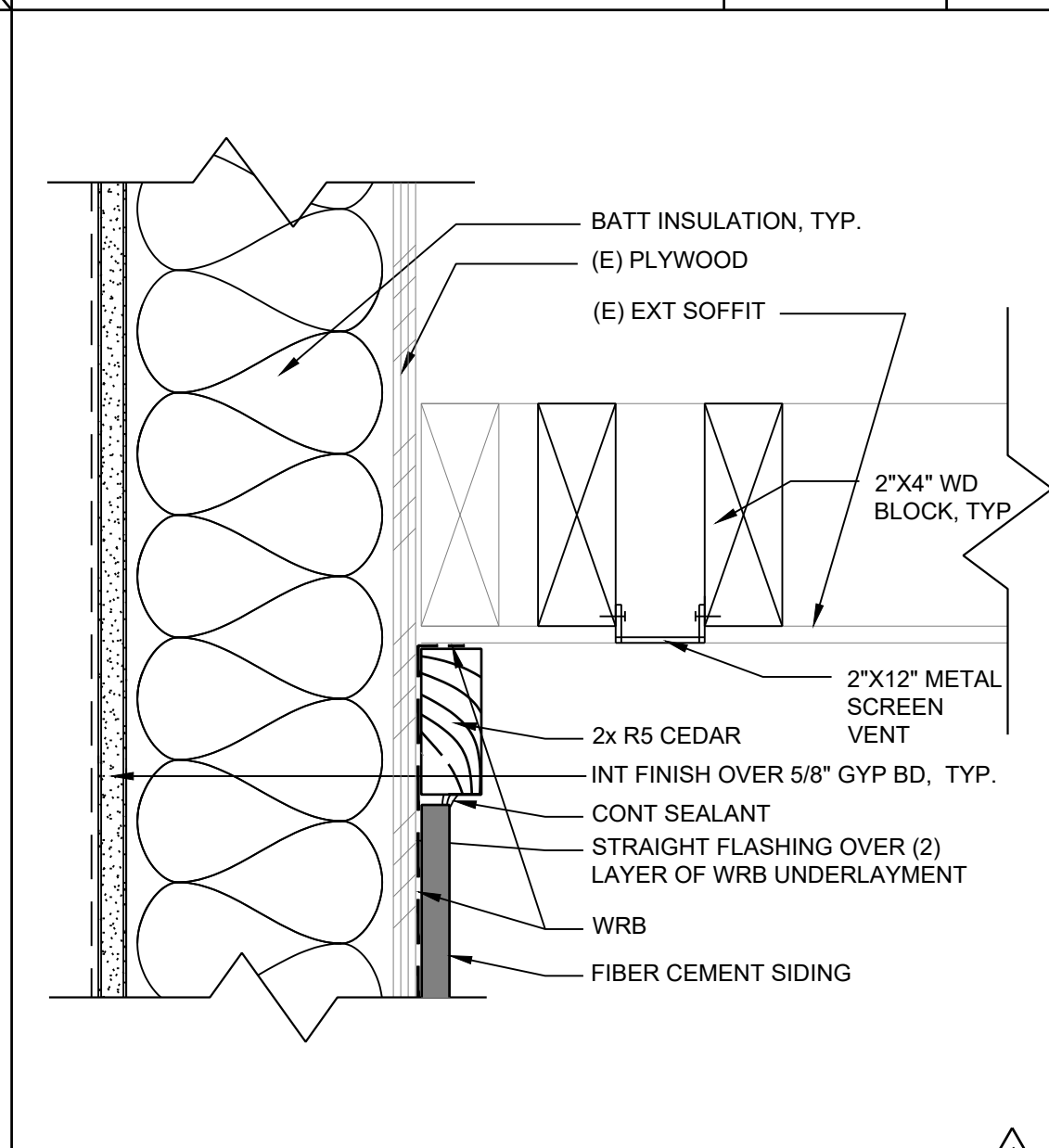
COUNTER SERVICE DOOR - JAMB 1 1/2" = 1'-0" 11



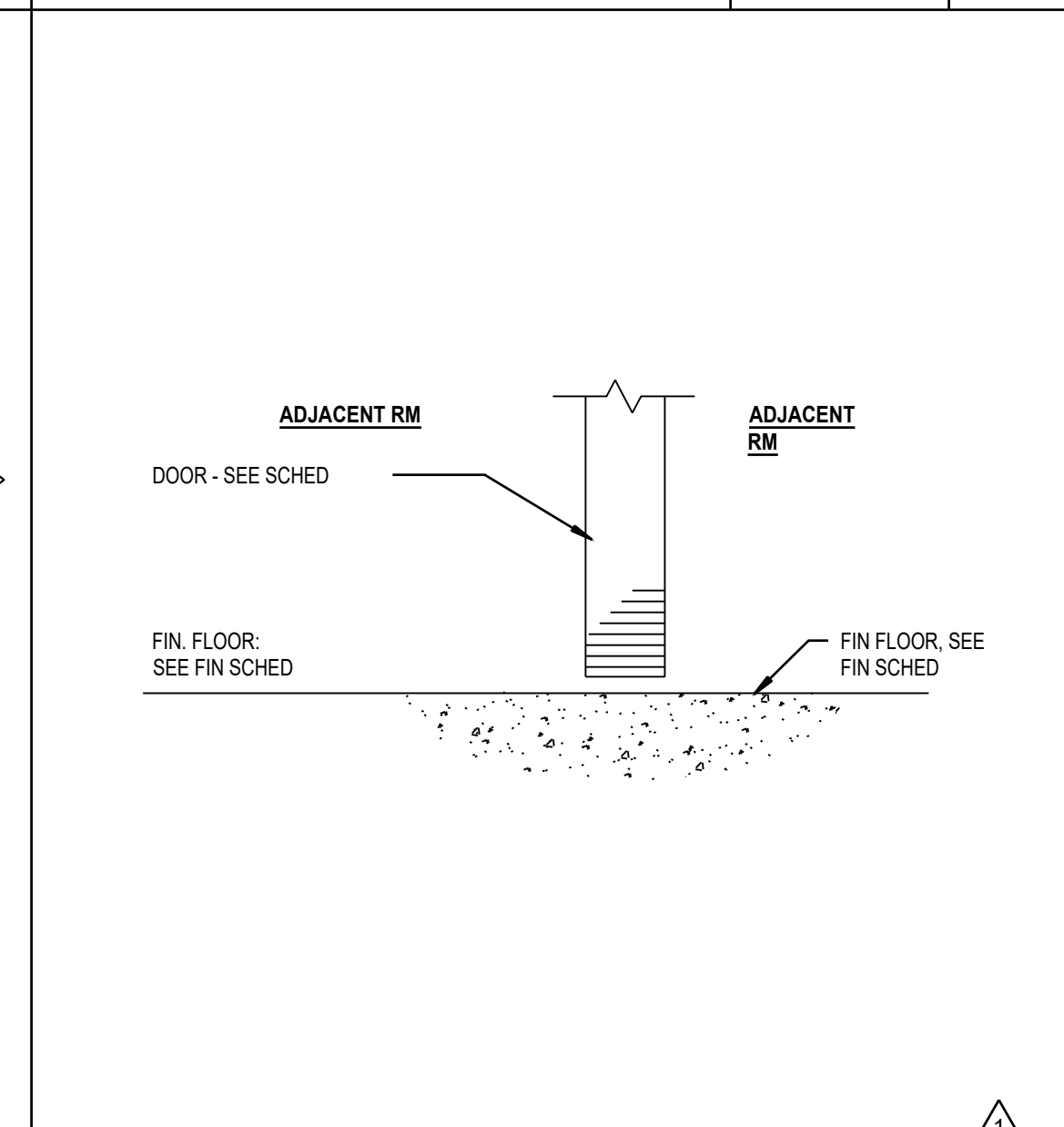
TYP EXT DOOR HEAD (JAMB SIM) 3" = 1'-0" 3



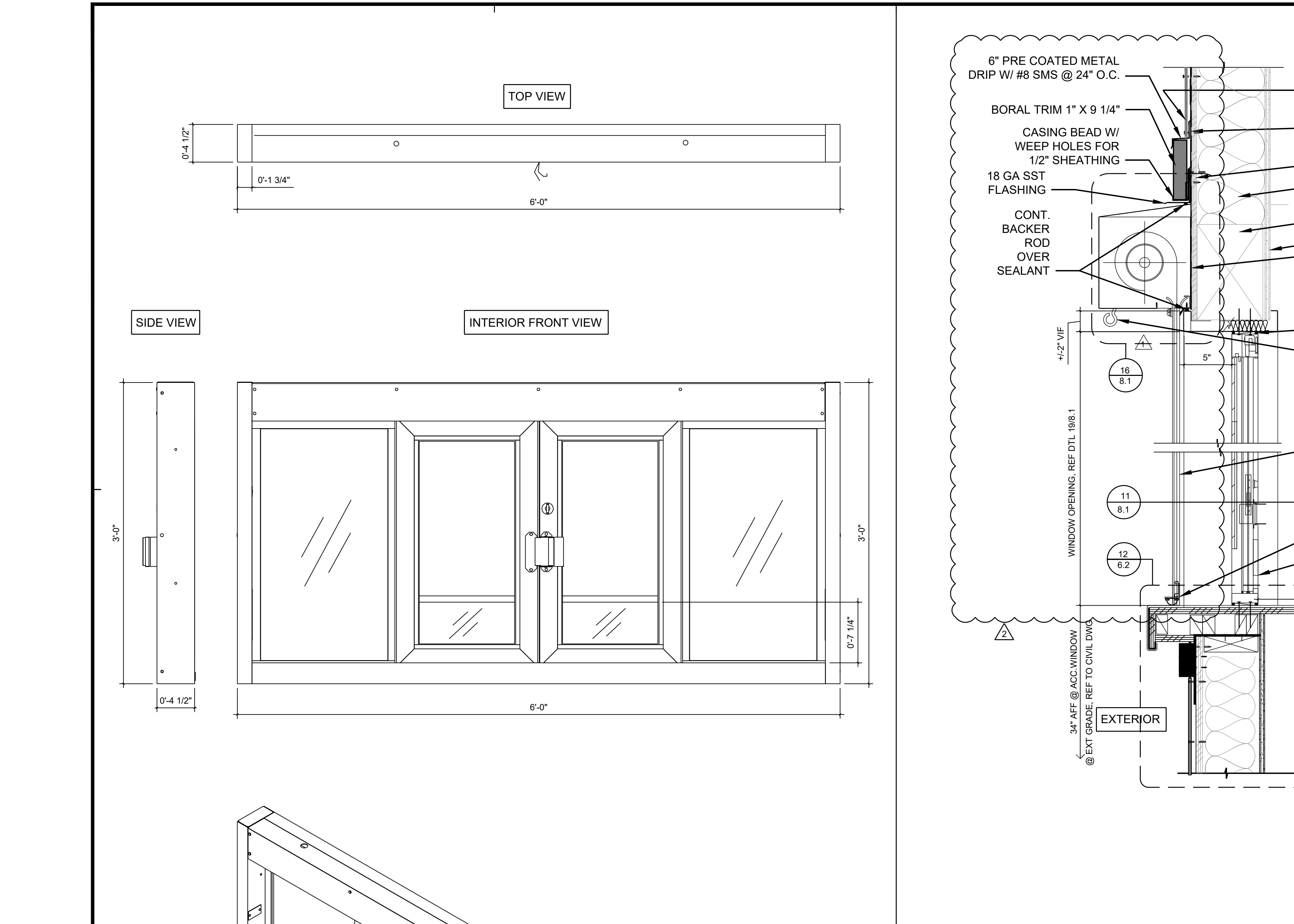
TYP SIDING TOP INSIDE CORNER 3" = 1'-0" 12



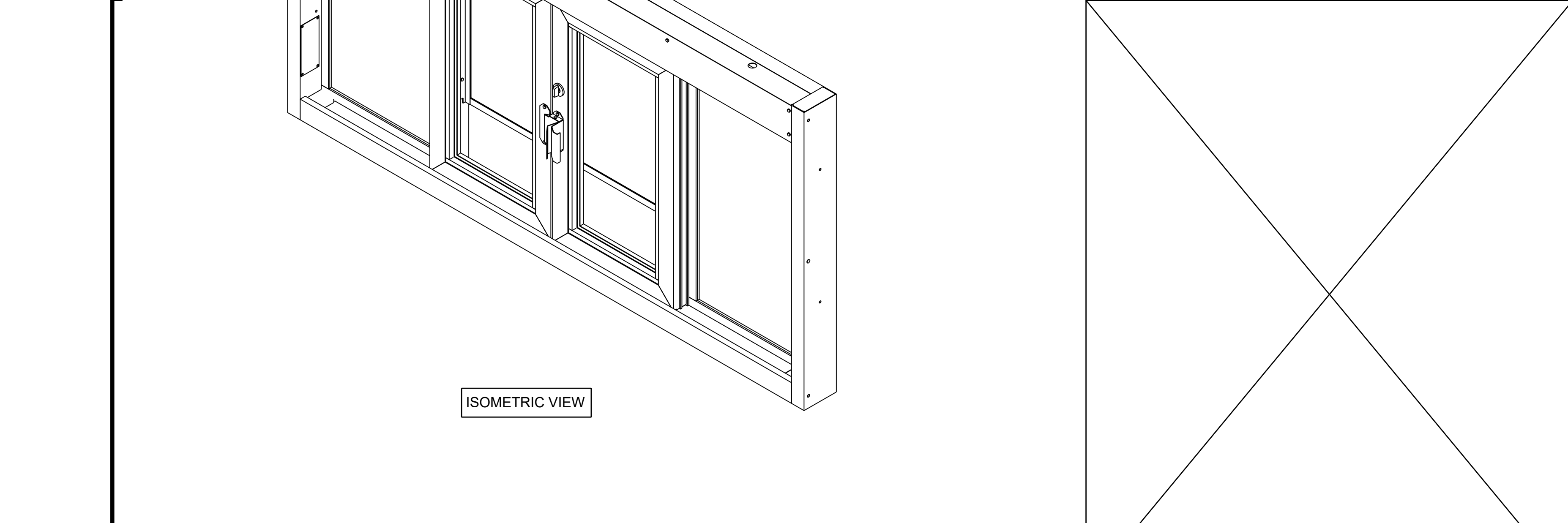
SEALED CONC THRESHOLD - INT 3" = 1'-0" 8



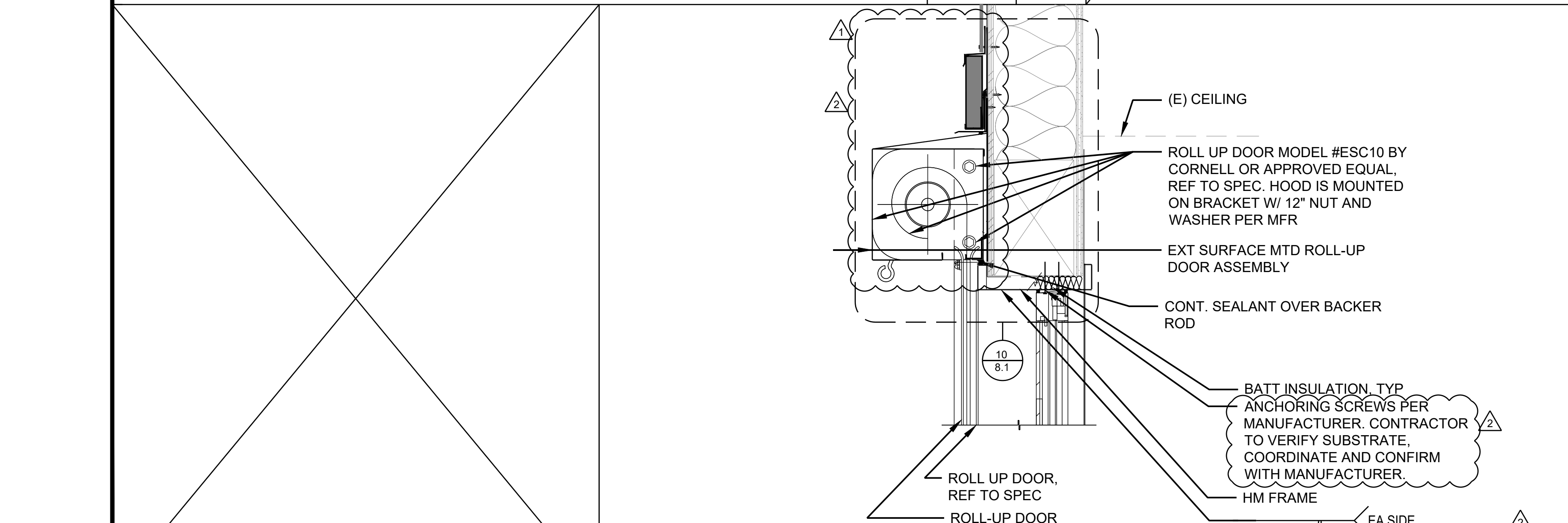
TYP DOOR THRESHOLD - EXTERIOR 3" = 1'-0" 4



SERVICE WINDOW @ CONCESSION 1 1/2" = 1'-0" 19

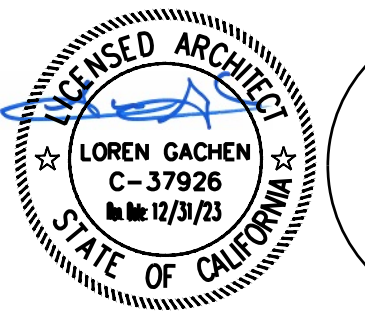


EXTERIOR ROLL UP DOOR HEAD 1 1/2" = 1'-0" 16



TYP WALL HORIZ. LAP (SIDING) 3" = 1'-0" 6

HONEYBEE POOL RENOVATION
 CITY OF ROHNERT PARK
 1170 GOLF COURSE DRIVE
 ROHNERT PARK, CA 94928



CONSULTANT

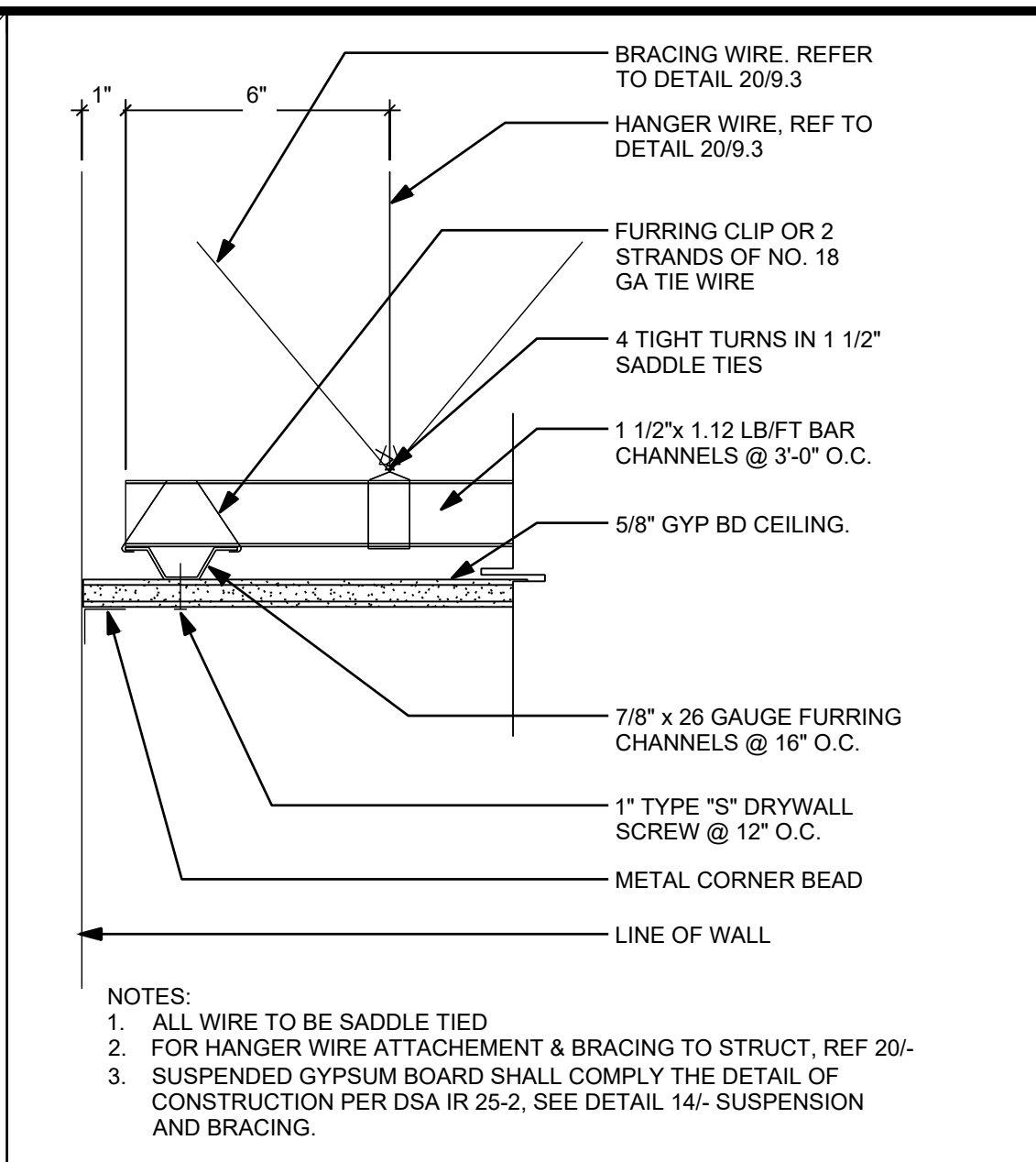
VANESSA GARRETT P.E. CE84141 DATE
 CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| △ | 11/03/2022 | | AGENCY PLAN REVIEW |
| △ | 12/02/2022 | | AGENCY PLAN REVIEW |
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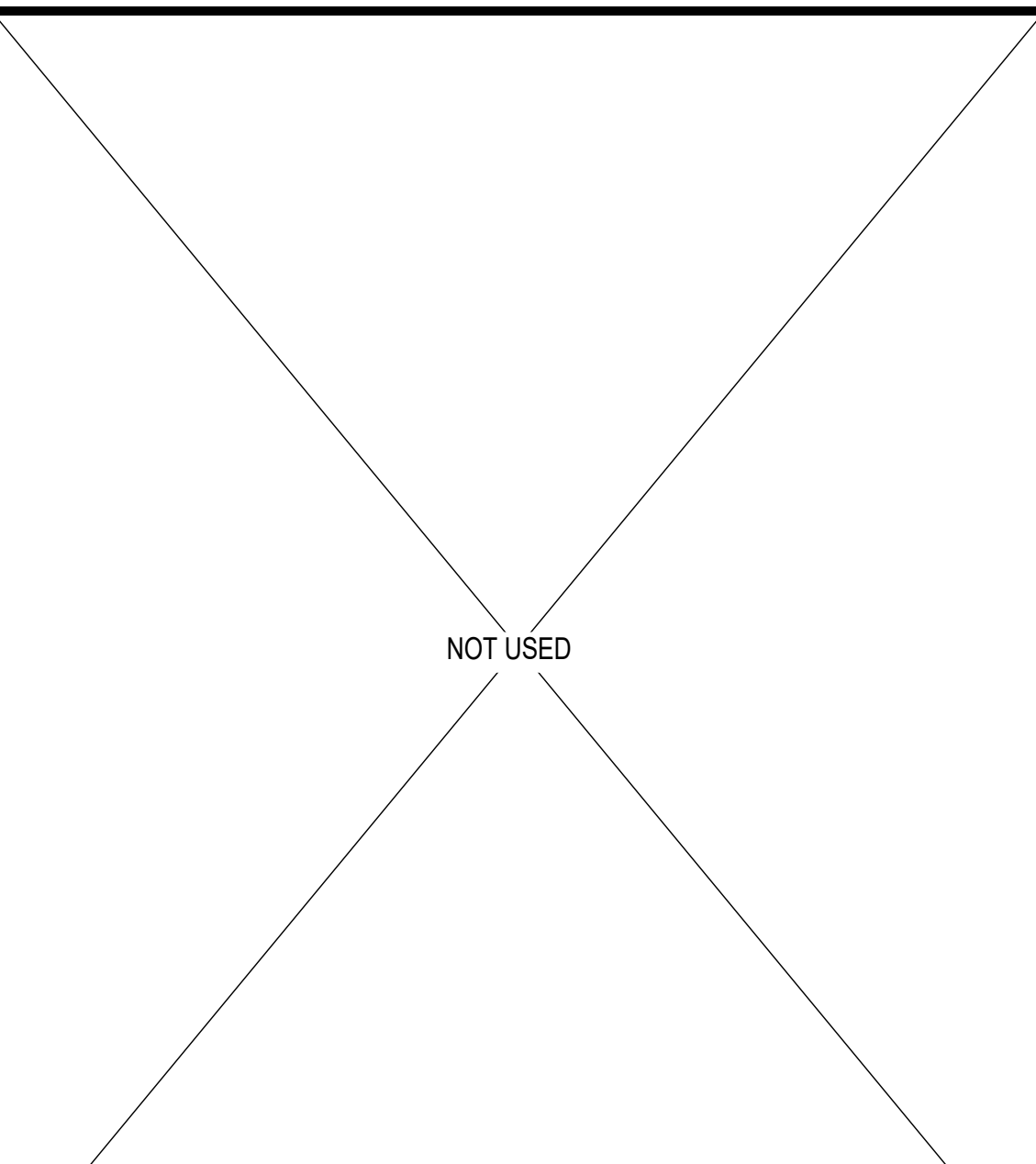
DRAWN: _____ CHECKED: _____
 DATE: 02/25/2022 SCALE: AS NOTED
 PROJECT NUMBER: 2010200

SUSPENDED CEILING DETAILS

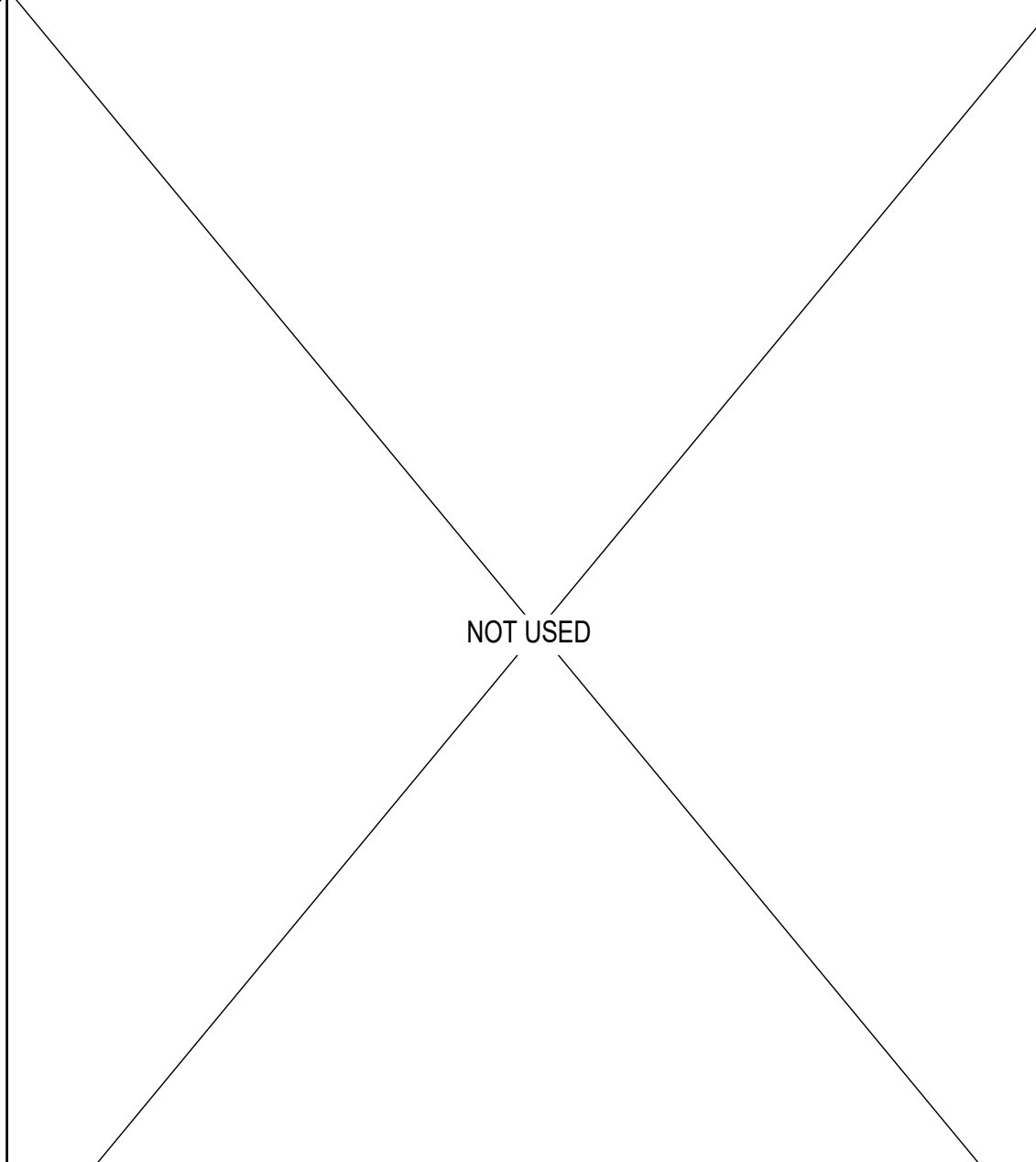
DRAWING NUMBER: **9.3**



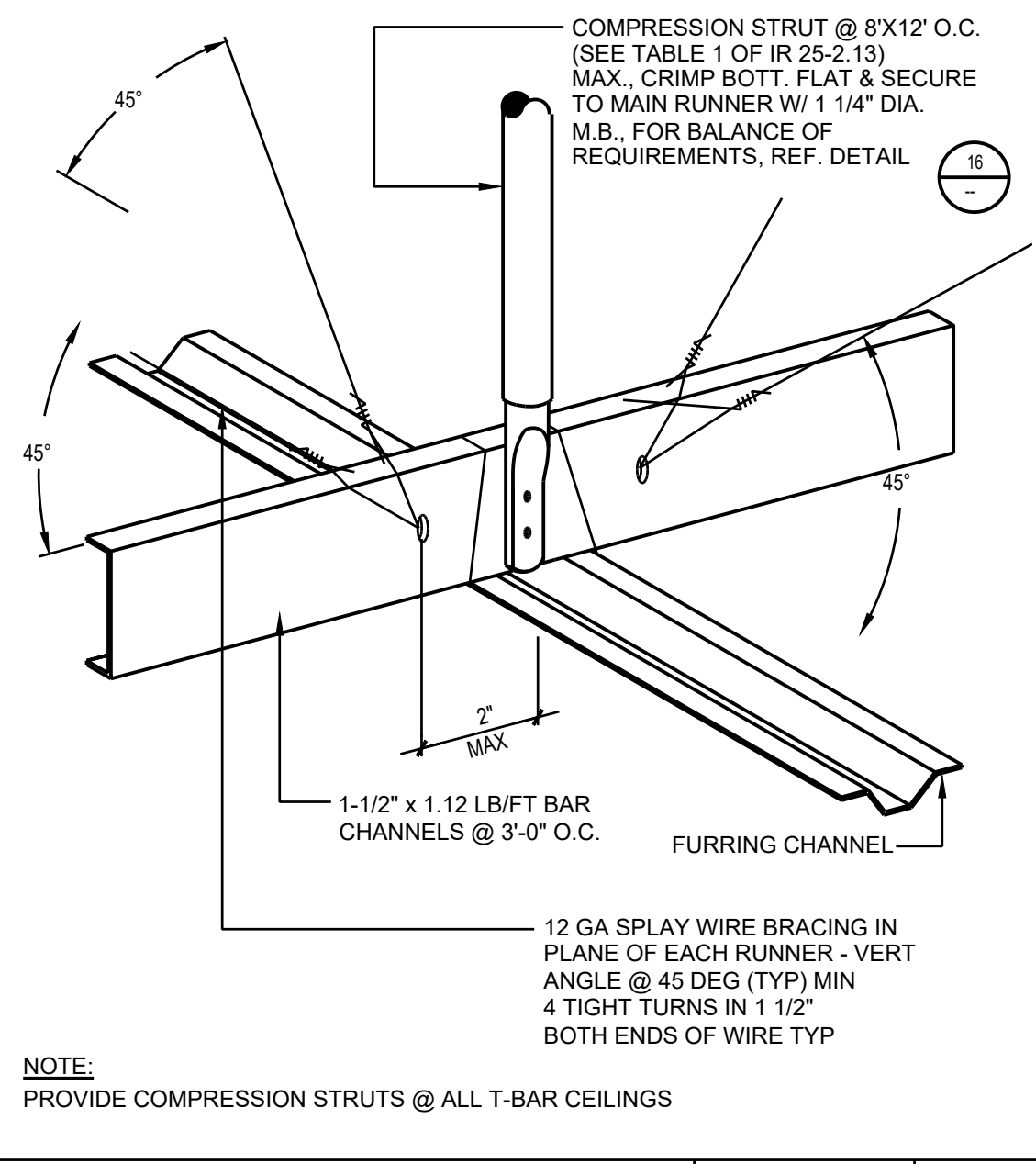
SUSPENDED GYP. BD. CEILING 3" = 1'-0" 17



SPLAY SUSPENSION AND BRACING 3" = 1'-0" 14



HANGER WIRE CONNECTION 1 1/2" = 1'-0" 20



COMPRESSION STRUT 3" = 1'-0" 16

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED



CONSULTANT

VANESSA GARRETT P.E. CE#4141 DATE
CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| △ | 11/03/2022 | | AGENCY PLAN REVIEW |
| △ | 12/02/2022 | | AGENCY PLAN REVIEW |

DRAWN: WLC CHECKED:

DATE: 02/25/2022 SCALE: AS NOTED

PROJECT NUMBER: 2010200

**SPECIALTY
DETAILS AND
SCHEDULES**

DRAWING NUMBER: **10.1**

SIGNAGE SCHEDULE

| KEY NOTE | ITEM DESCRIPTION | DETAIL | LOCATION | REMARKS |
|----------|---|--------|------------------------------------|---------|
| 1 | MEN RESTROOM WALL SIGN | 11/0.1 | ALL SINGLE USE RESTROOM DOORS | 1 |
| 2 | MEN RESTROOM DOOR SYMBOL | 8/0.1 | ALL SINGLE USE RESTROOMS | 1,2 |
| 3 | ACCESSIBLE ENTRY SIGN | 14/0.1 | ALL MAIN EXTERIOR BUILDING ENTRIES | 1 |
| 4 | TACTILE EXIT SIGN (EXTERIOR EXIT) | 21/0.1 | EXTERIOR EXIT DOORS | 1,2,3 |
| 5 | TACTILE EXIT SIGN (CORRIDOR OR HALLWAY) | 23/0.1 | CORRIDOR AND HALLWAY EXIT DOORS | 1,2,3 |
| 6 | ROOM CONTROL SIGNAGE | 10/0.1 | ALL INTERIOR & EXTERIOR ROOMS | 1,2 |
| 7 | NO SMOKING SIGN | 18/0.1 | ALL MAIN EXTERIOR BUILDING ENTRIES | - |
| 8 | DIRECTIONAL ACCESS SIGN | 15/0.1 | REFER TO SITE PLAN FOR LOCATIONS | - |
| 9 | ASSISTIVE LISTENING SYSTEM | 3/0.1 | CONFERENCE ROOM | - |
| 10 | WOMEN RESTROOM WALL SIGN | 19/0.1 | ALL SINGLE USE RESTROOMS | 1,2 |
| 11 | WOMEN RESTROOM DOOR SYMBOL | 4/0.1 | ALL SINGLE USE RESTROOMS | 1,2 |
| 12 | WALL MTD RESTROOM SIGN | 12/0.1 | ALL SINGLE USE RESTROOMS | 1,2 |

REMARKS
1. REF DET 16/- FOR MOUNTING
2. REF DET 17/- FOR BRAILLE TEMPLATE
3. REF FLOOR PLAN FOR DOOR LOCATIONS.

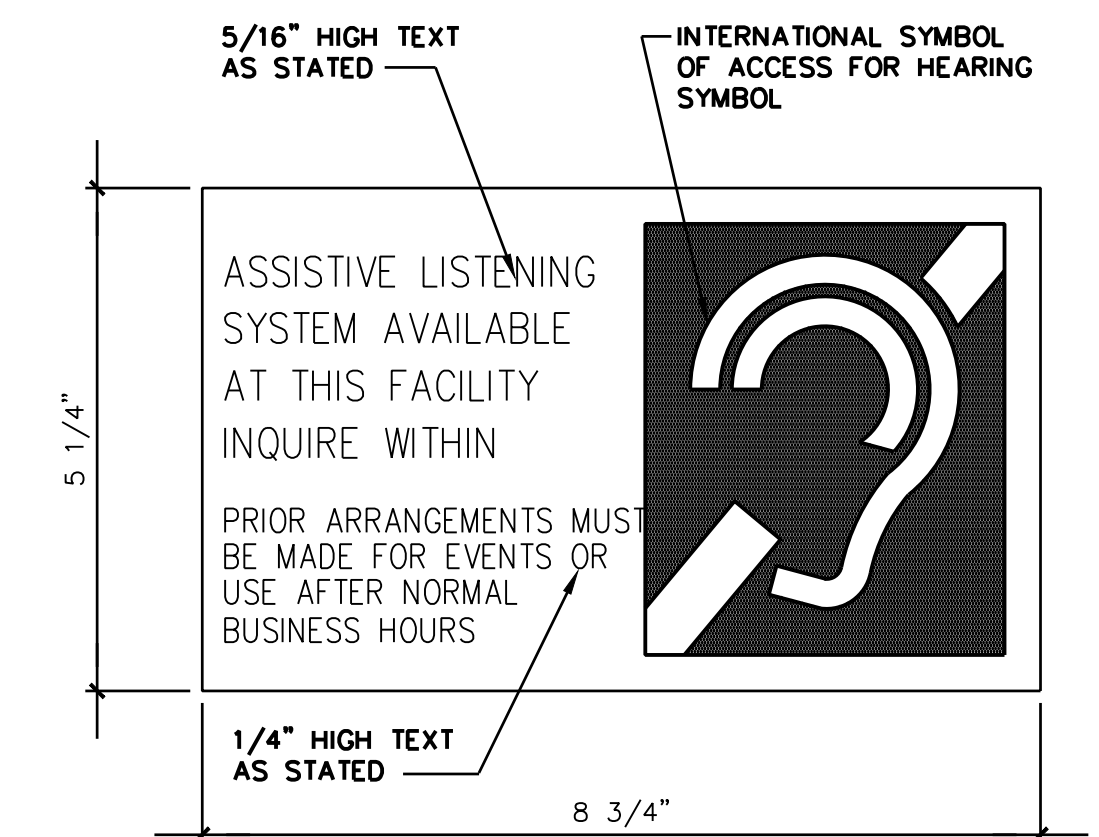
CODE-GOVERNEDT SIGNS TO BE FIELD. INSPECTED PER CBC 11B-703.1.1.2

ASSISTIVE LISTENING SYSTEM SCHEDULE (OF01):

CONFERENCE ROOM (A120):

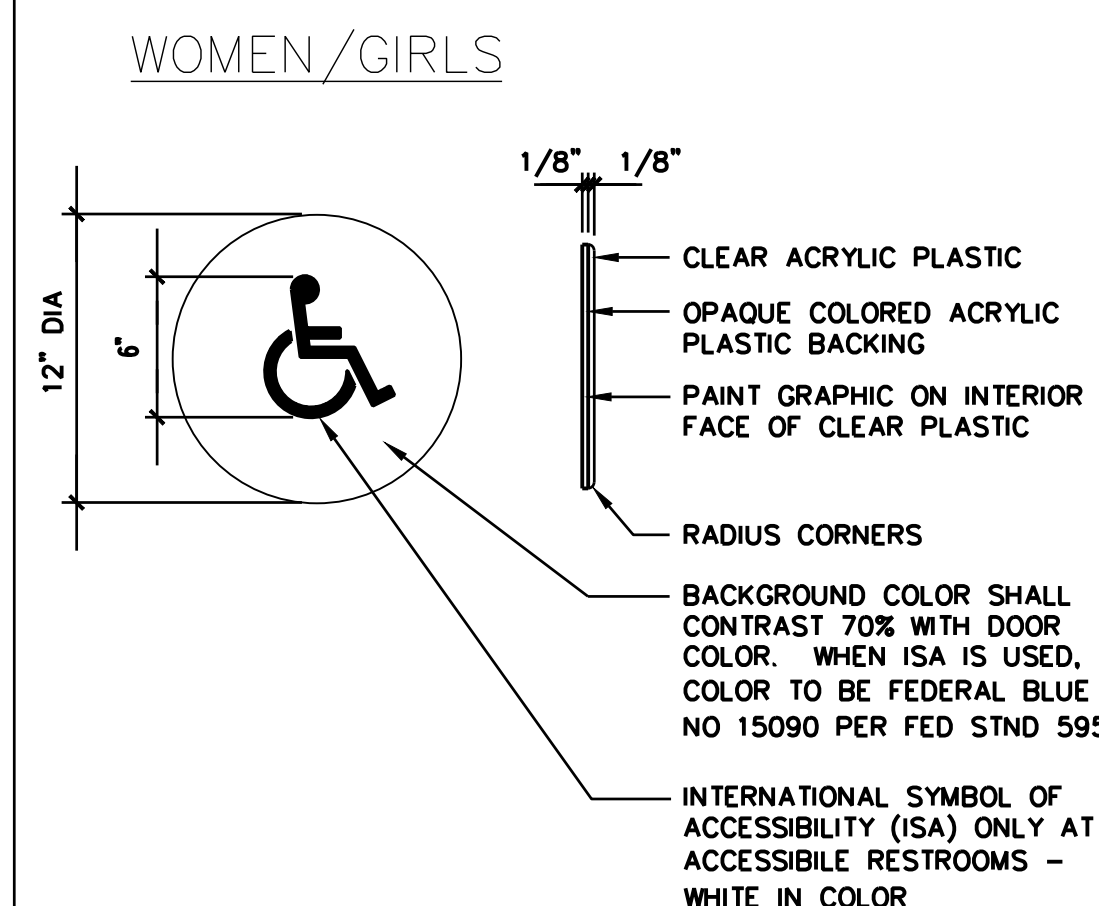
BASIC OF DESIGN: WILLIAMS SOUND PPA 457 PRO

- (1) PPA T45 TRANSMITTER
- (4) PPA R37 RECIEVERS
- (4) NKL 001 NECKLOOPS
- (4) EAR 013 SINGLE MINI EARBUD
- (1) ANT 025 WHIP ANTENNA
- (1) TFO 048 POWER SUPPLY
- (1) WLC 004 MAIN POWER CORD (U.S.)
- (1) WCA 013 RCA AUDIO CABLE, 3 FT.
- (4) BAT 001-2-AA ALKALINE BATTERIES
- (1) ANT 005 COAXIAL ANTENNA
- (1) RPK 005 RACK PANEL KIT

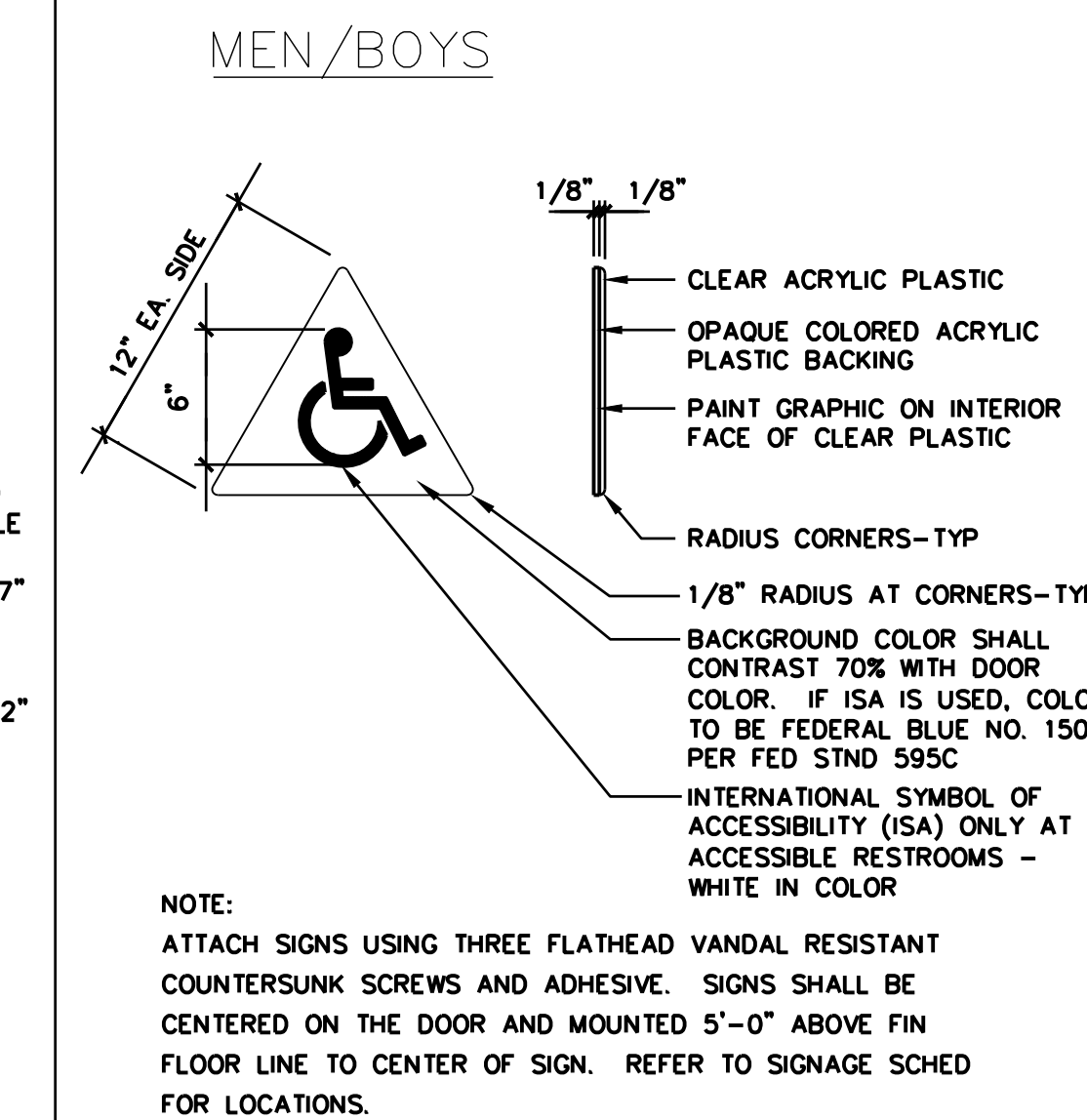


NOTE: PROVIDE MECHANICAL MOUNTING W/VANDAL RESISTANT COUNTERSUNK FASTENERS AND ADHESIVE REFER TO SIGNAGE SCHED FOR LOCATIONS.

ASSISTIVE LISTENING DEVICE SIGN HALF SIZE 3

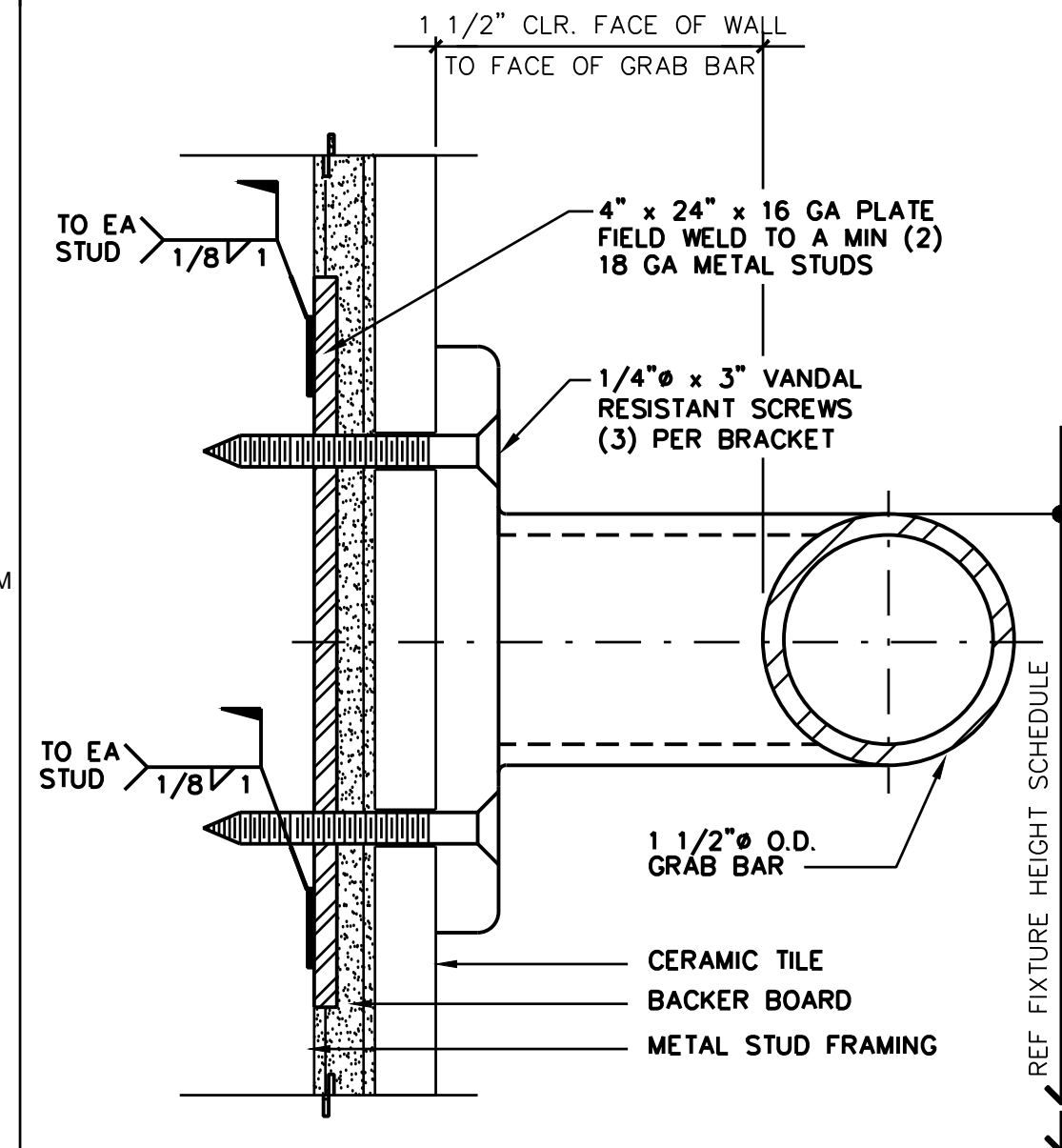


NOTE: ATTACH SIGNS USING THREE FLATHEAD VANDAL RESISTANT COUNTERSUNK SCREWS AND ADHESIVE. SIGNS SHALL BE CENTERED ON THE DOOR AND MOUNTED 5'-0" ABOVE FIN FLOOR LINE TO CENTER OF SIGN. REFER TO SIGNAGE SCHED FOR LOCATIONS.

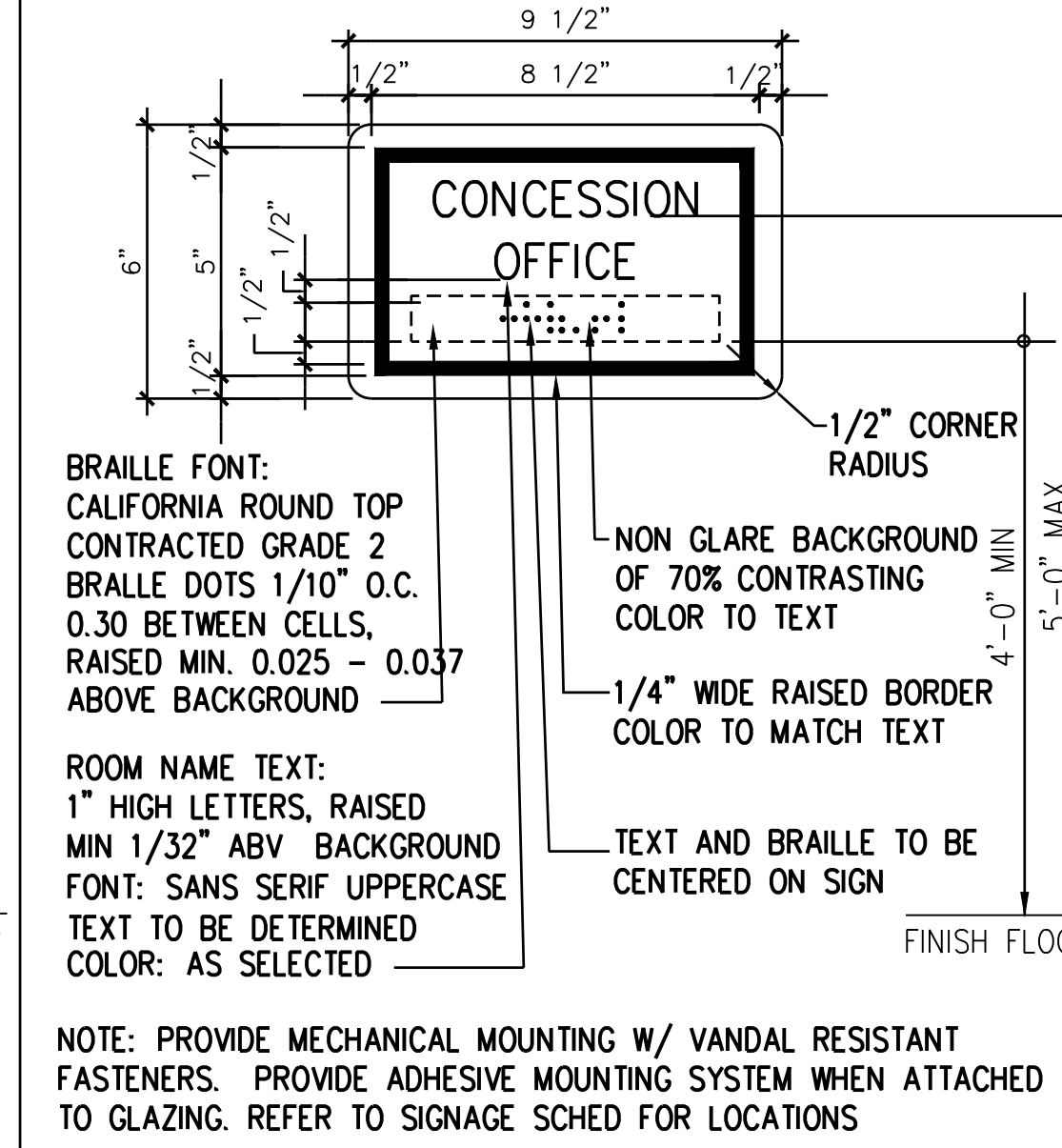


NOTE: ATTACH SIGNS USING THREE FLATHEAD VANDAL RESISTANT COUNTERSUNK SCREWS AND ADHESIVE. SIGNS SHALL BE CENTERED ON THE DOOR AND MOUNTED 5'-0" ABOVE FIN FLOOR LINE TO CENTER OF SIGN. REFER TO SIGNAGE SCHED FOR LOCATIONS.

RESTROOM SYMBOL 1 1/2"=1'-0" 8

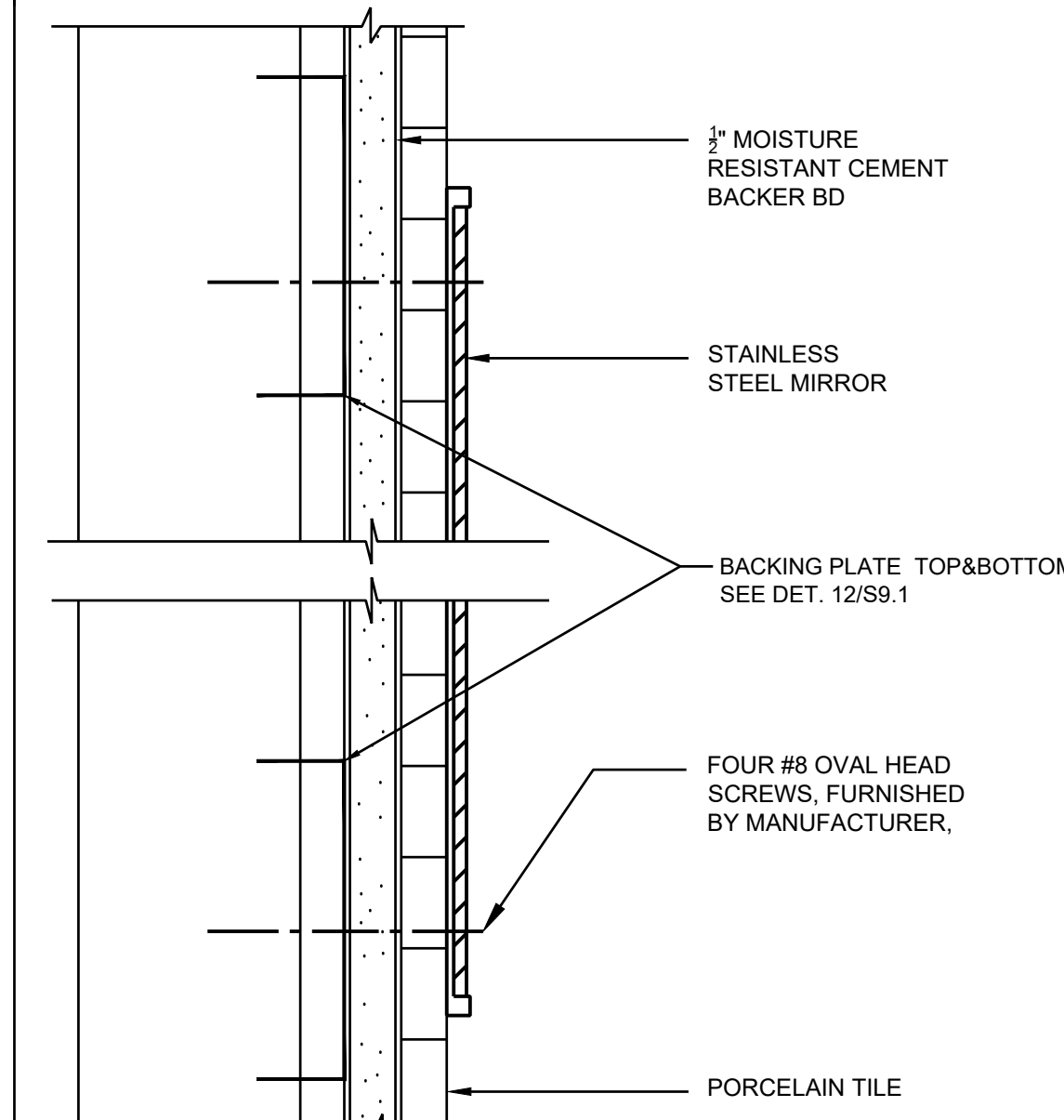


GRAB BAR @ MET STUD FULL SIZE 9

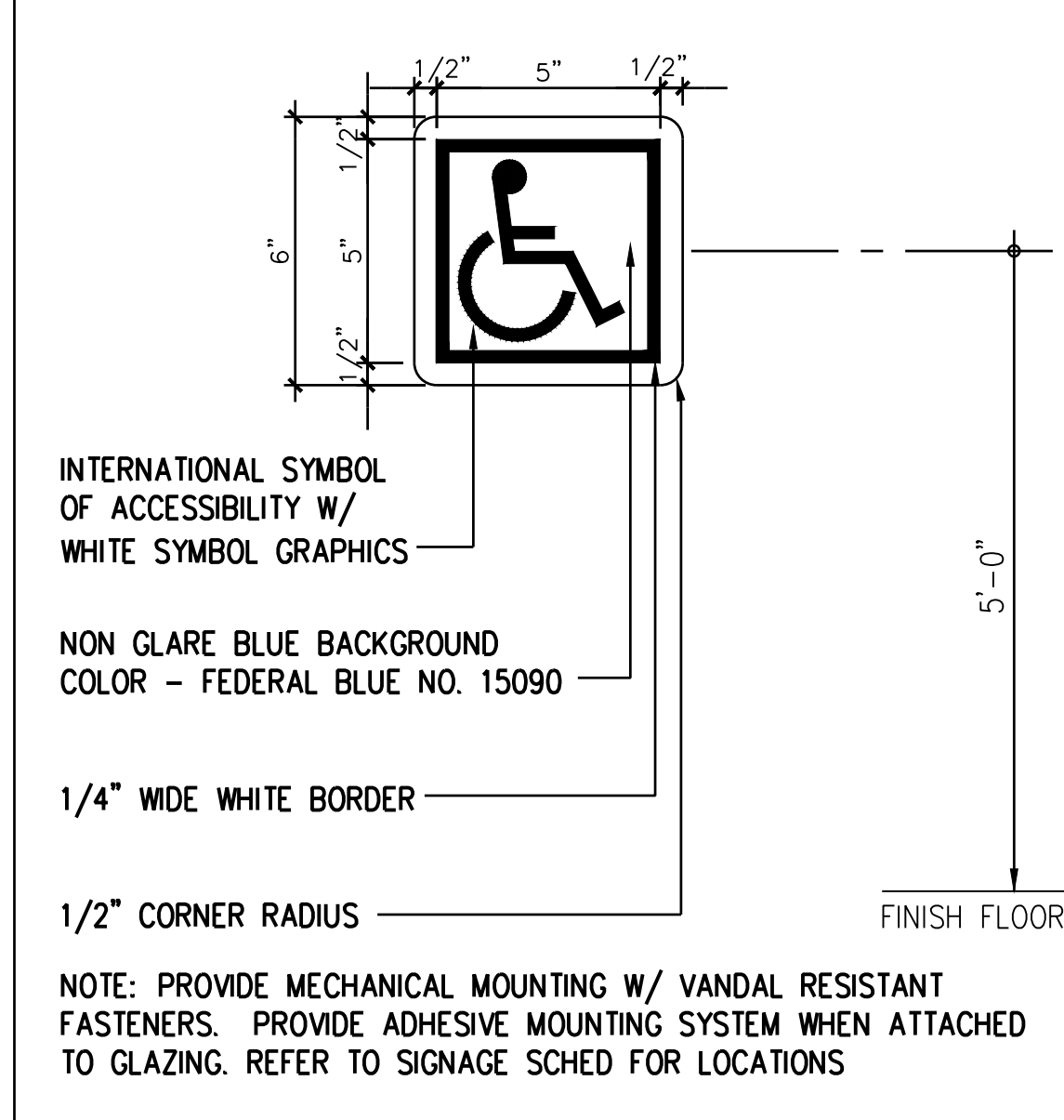


NOTE: PROVIDE MECHANICAL MOUNTING W/ VANDAL RESISTANT FASTENERS. PROVIDE ADHESIVE MOUNTING SYSTEM WHEN ATTACHED TO GLAZING. REFER TO SIGNAGE SCHED FOR LOCATIONS.

ROOM CONTROL SIGNAGE 3"=1'-0" 10

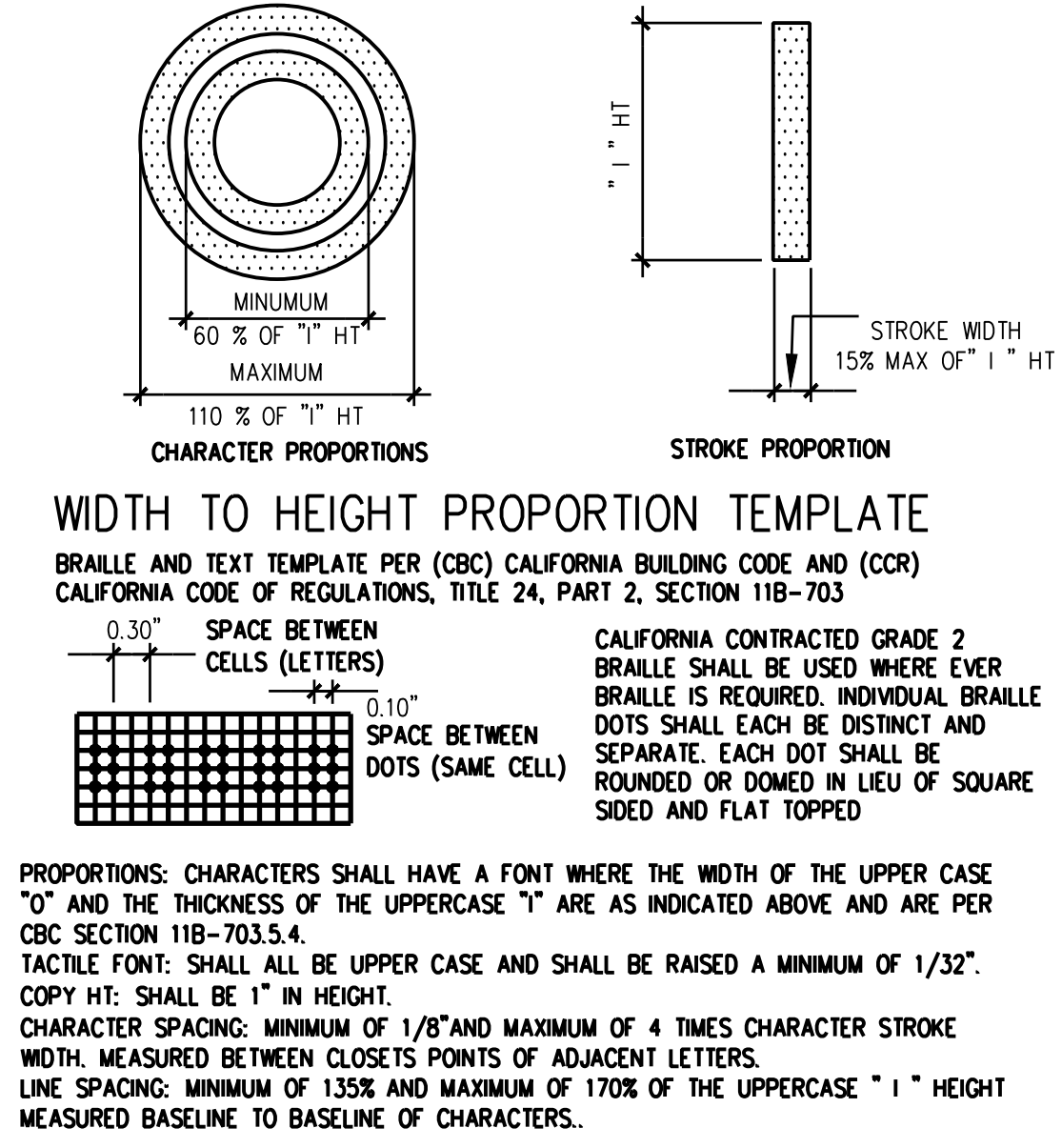


MIRROR NTS 13

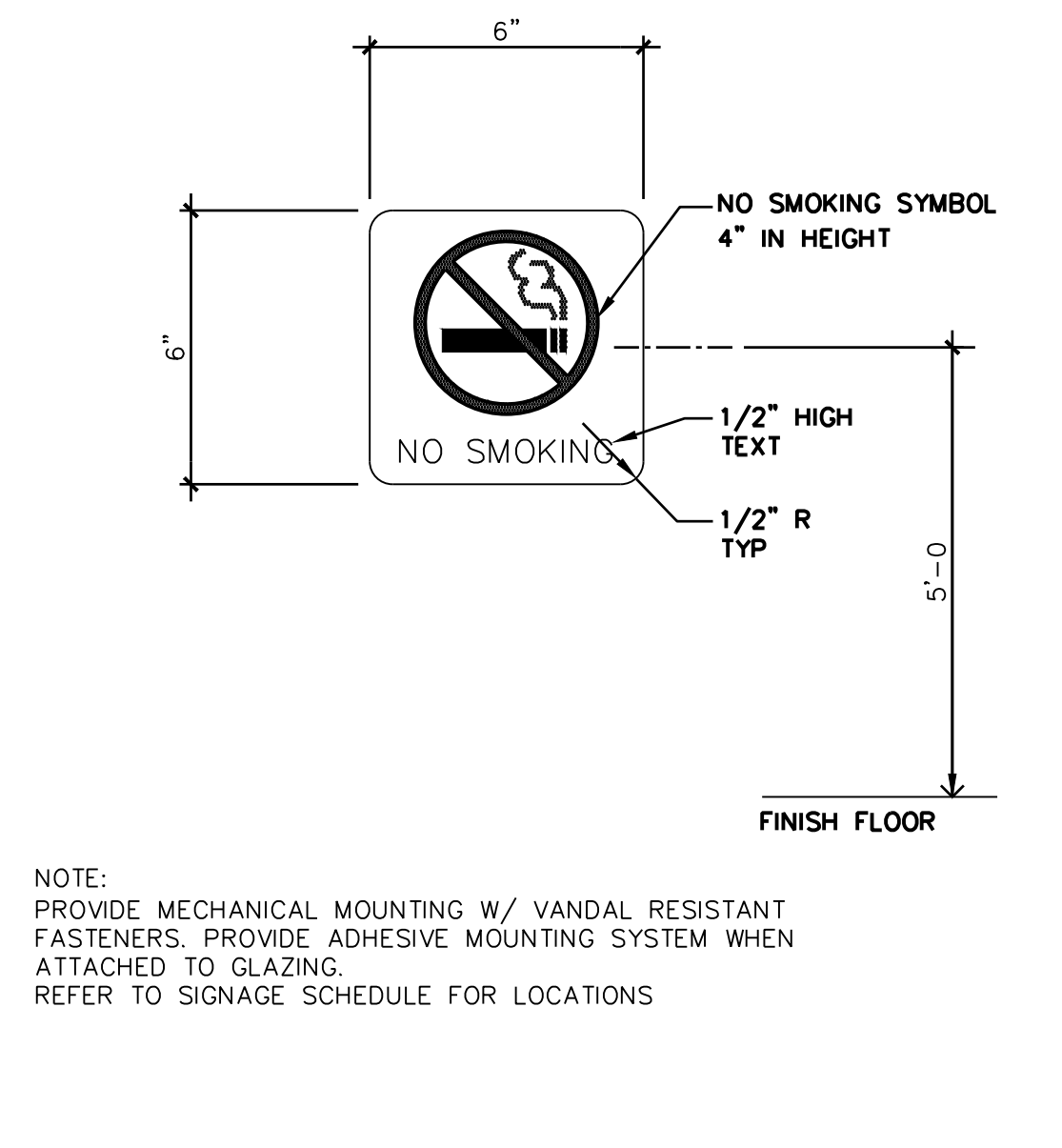


NOTE: PROVIDE MECHANICAL MOUNTING W/ VANDAL RESISTANT FASTENERS. PROVIDE ADHESIVE MOUNTING SYSTEM WHEN ATTACHED TO GLAZING. REFER TO SIGNAGE SCHED FOR LOCATIONS.

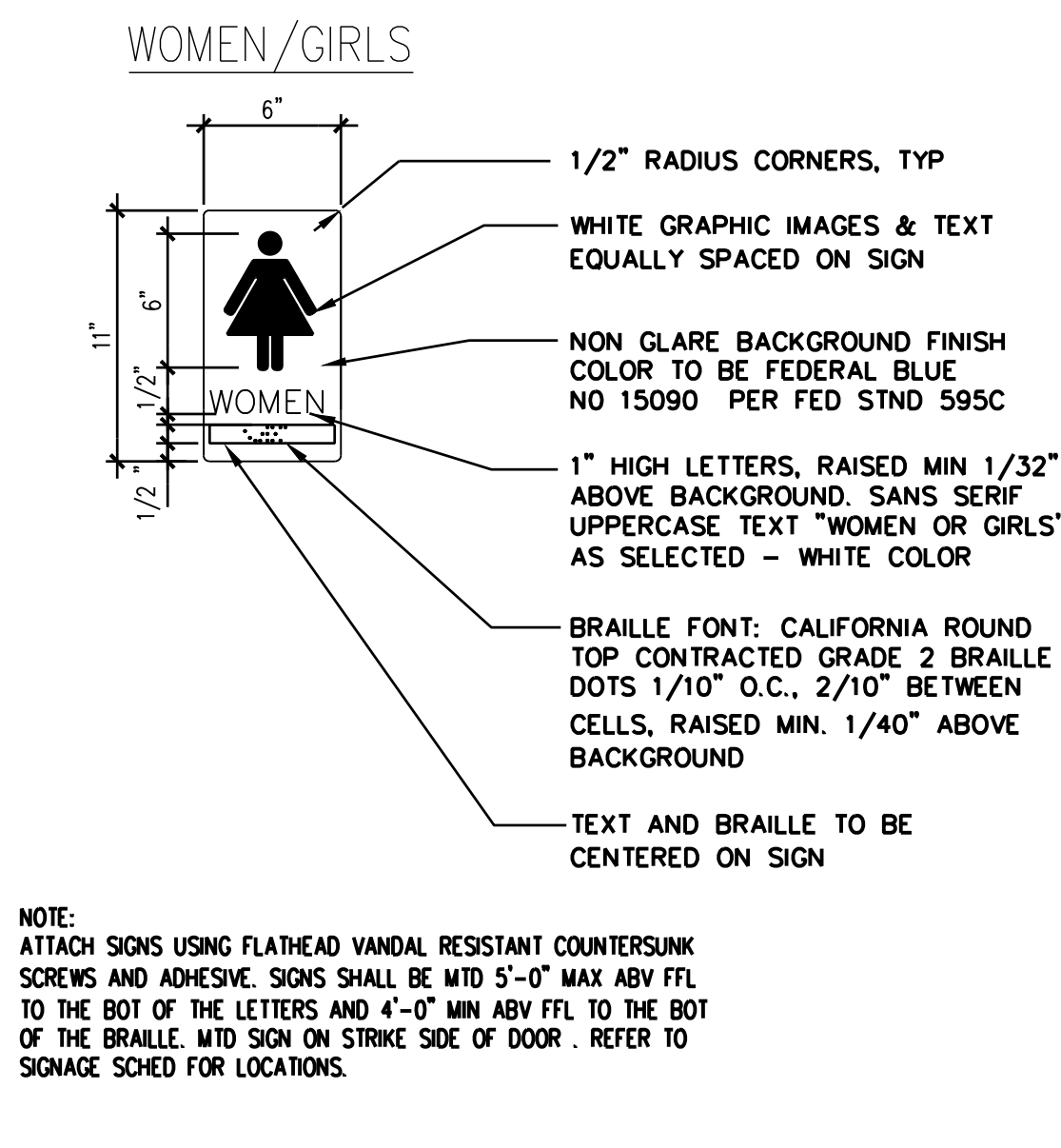
ACCESSIBLE ENTRY SIGN 3"=1'-0" 14



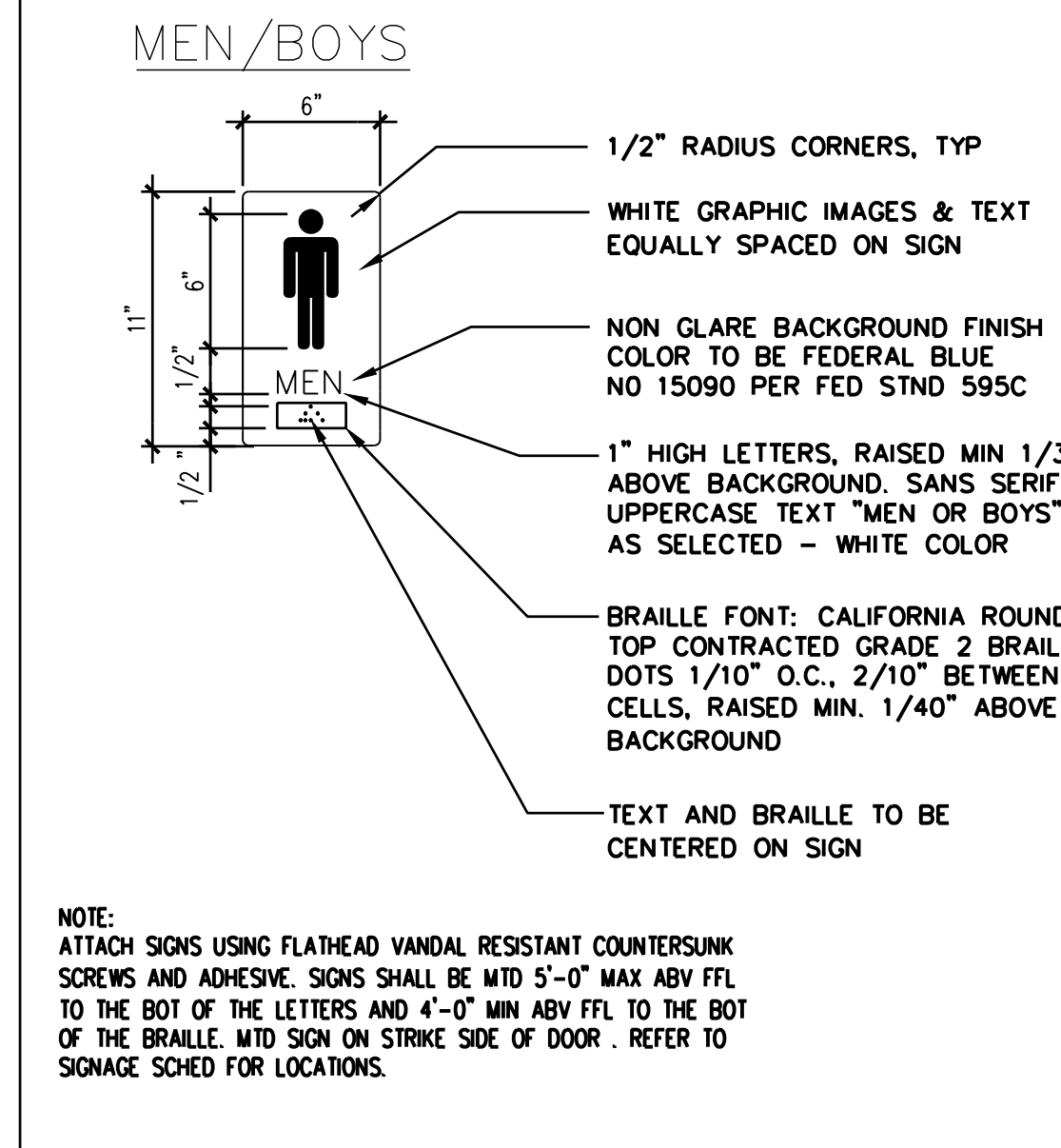
SIGNAGE TEMPLATES FULL 17



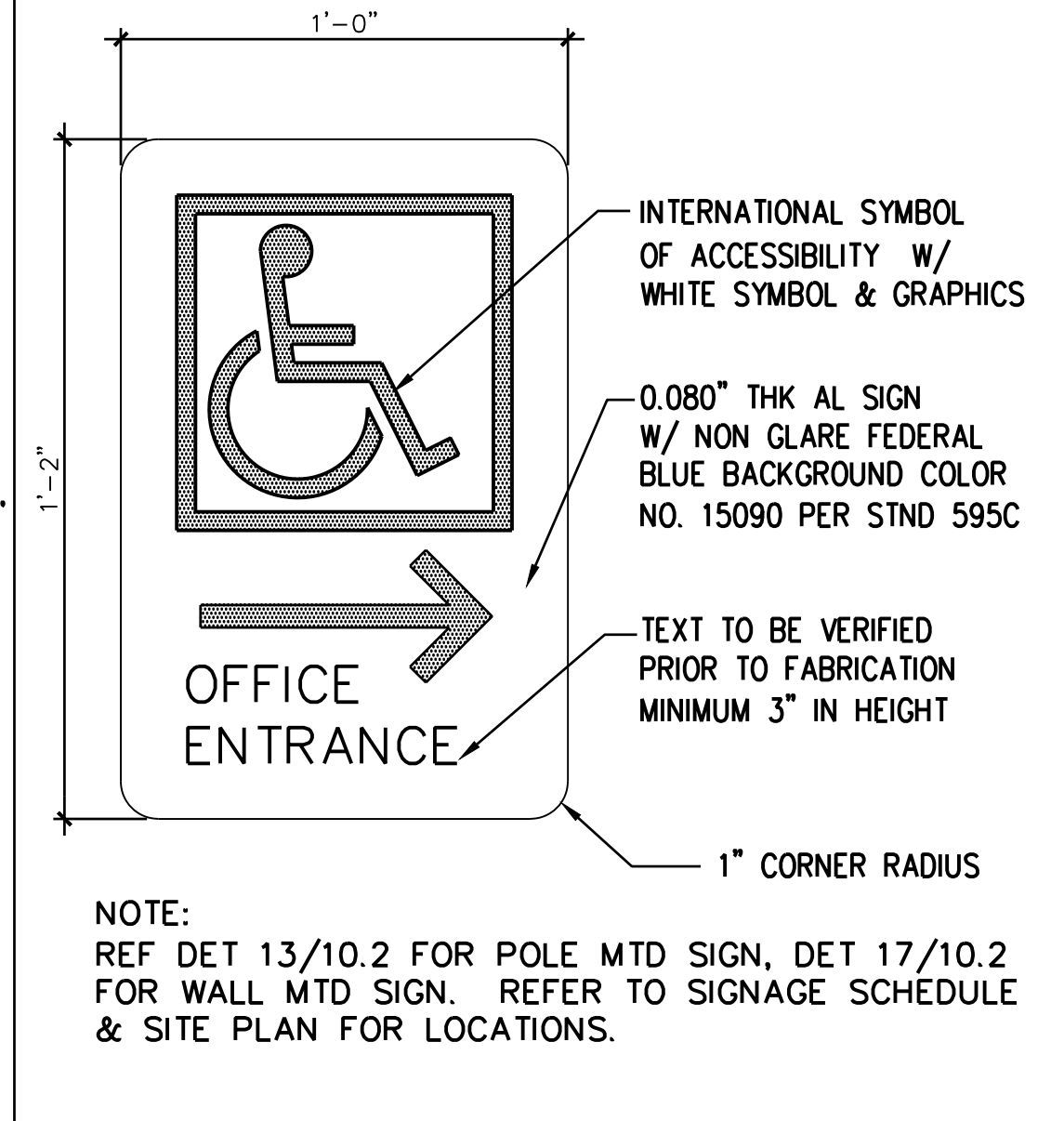
NO SMOKING SYMBOL 3"=1'-0" 18



WALL MTD RESTRM SIGN 1 1/2"=1'-0" 19

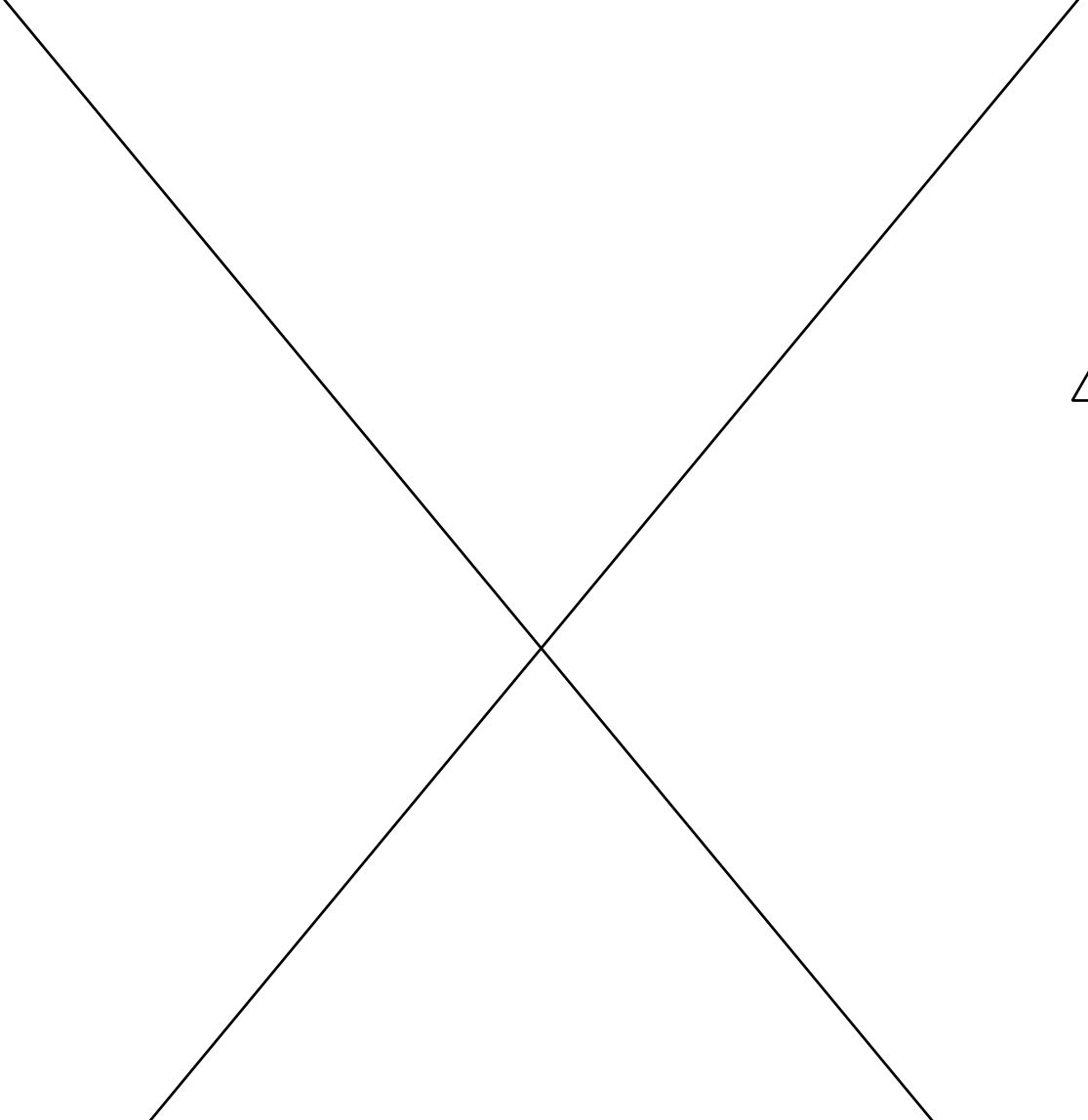


WALL MTD RESTRM SIGN 1 1/2"=1'-0" 11

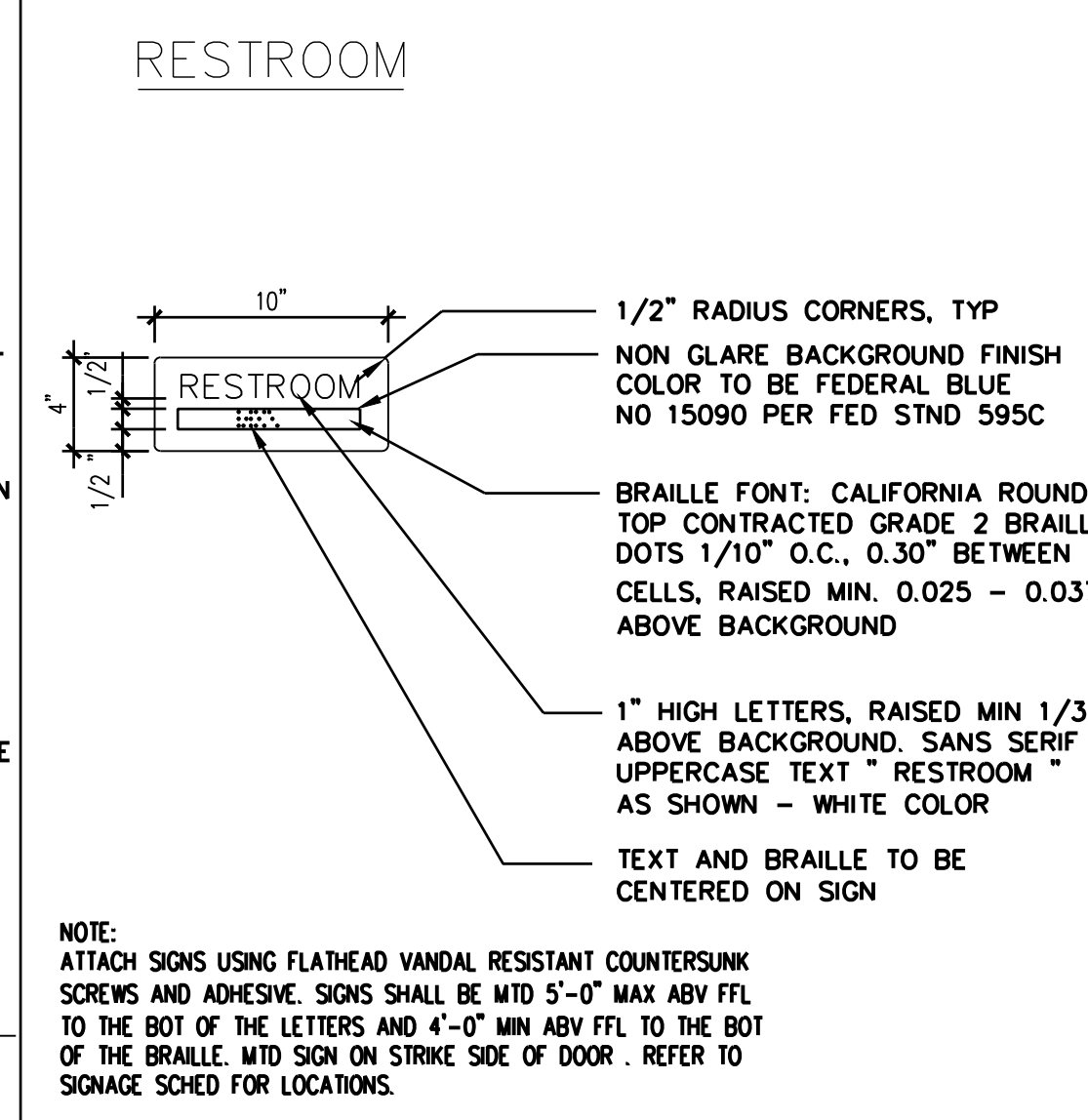


NOTE: REF DET 13/10.2 FOR POLE MTD SIGN, DET 17/10.2 FOR WALL MTD SIGN. REFER TO SIGNAGE SCHEDULE & SITE PLAN FOR LOCATIONS.

DIRECTIONAL ACCESS SIGN 1 1/2"=1'-0" 15

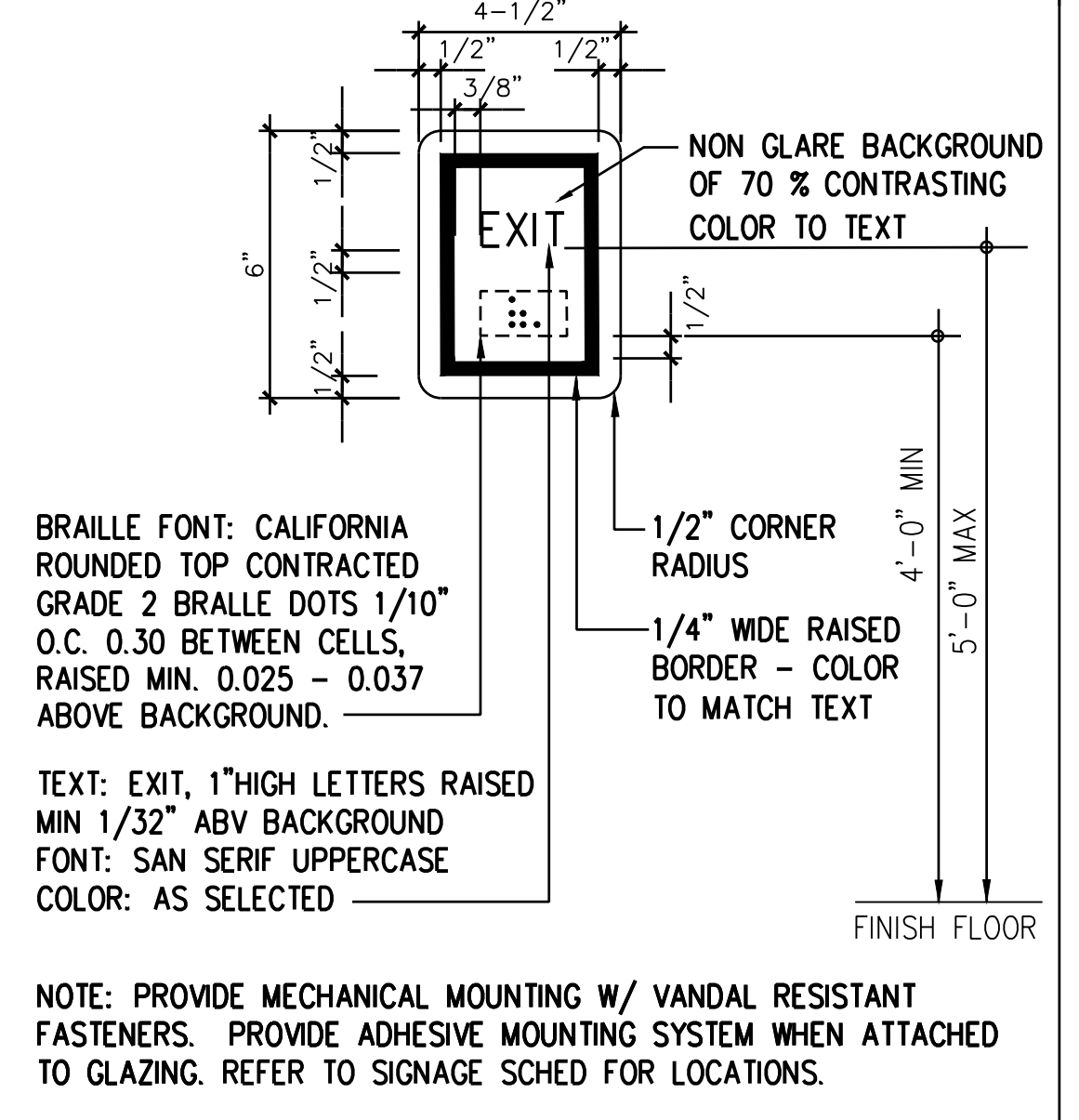


SIGNAGE MOUNTING DETAIL 1 1/2"=1'-0" 16

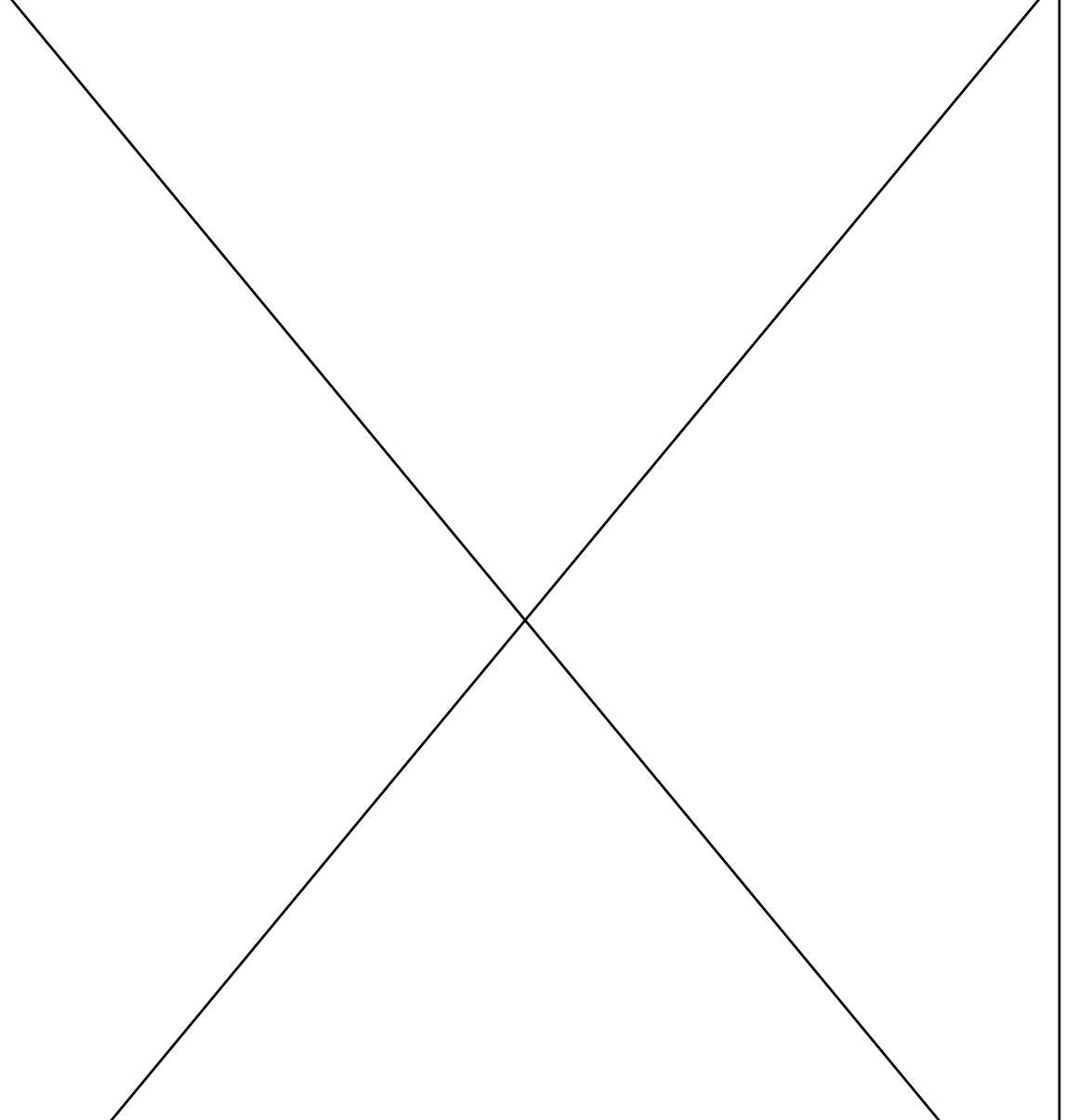


NOTE: ATTACH SIGNS USING FLATHEAD VANDAL RESISTANT COUNTERSUNK SCREWS AND ADHESIVE. SIGNS SHALL BE MTD 5'-0" MAX ABV FFL TO THE BOT OF THE LETTERS AND 4'-0" MIN ABV FFL TO THE BOT OF THE BRAILLE. MTD SIGN ON STRIKE SIDE OF DOOR - REFER TO SIGNAGE SCHED FOR LOCATIONS.

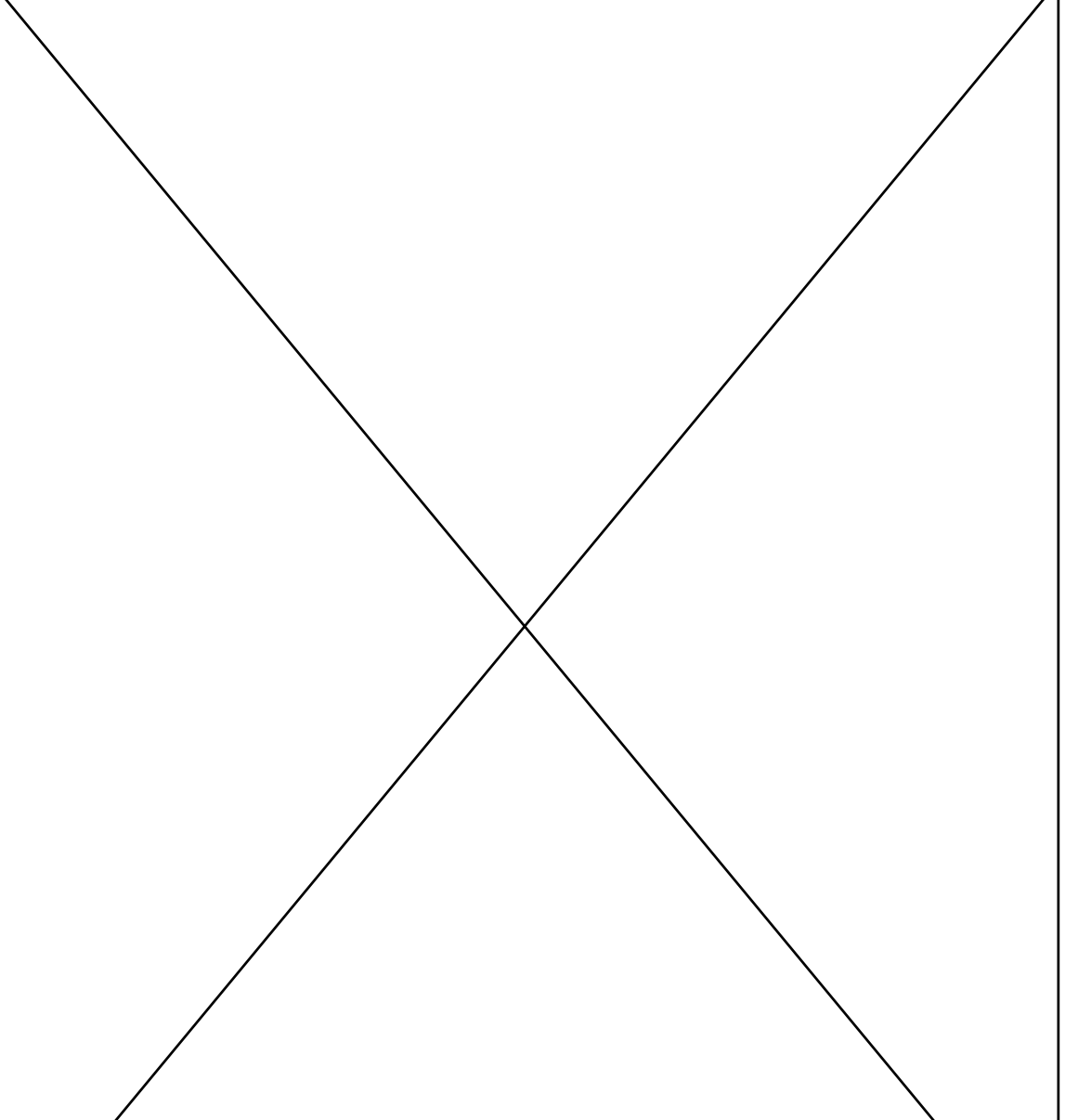
WALL MTD RESTRM SIGN 1 1/2"=1'-0" 12



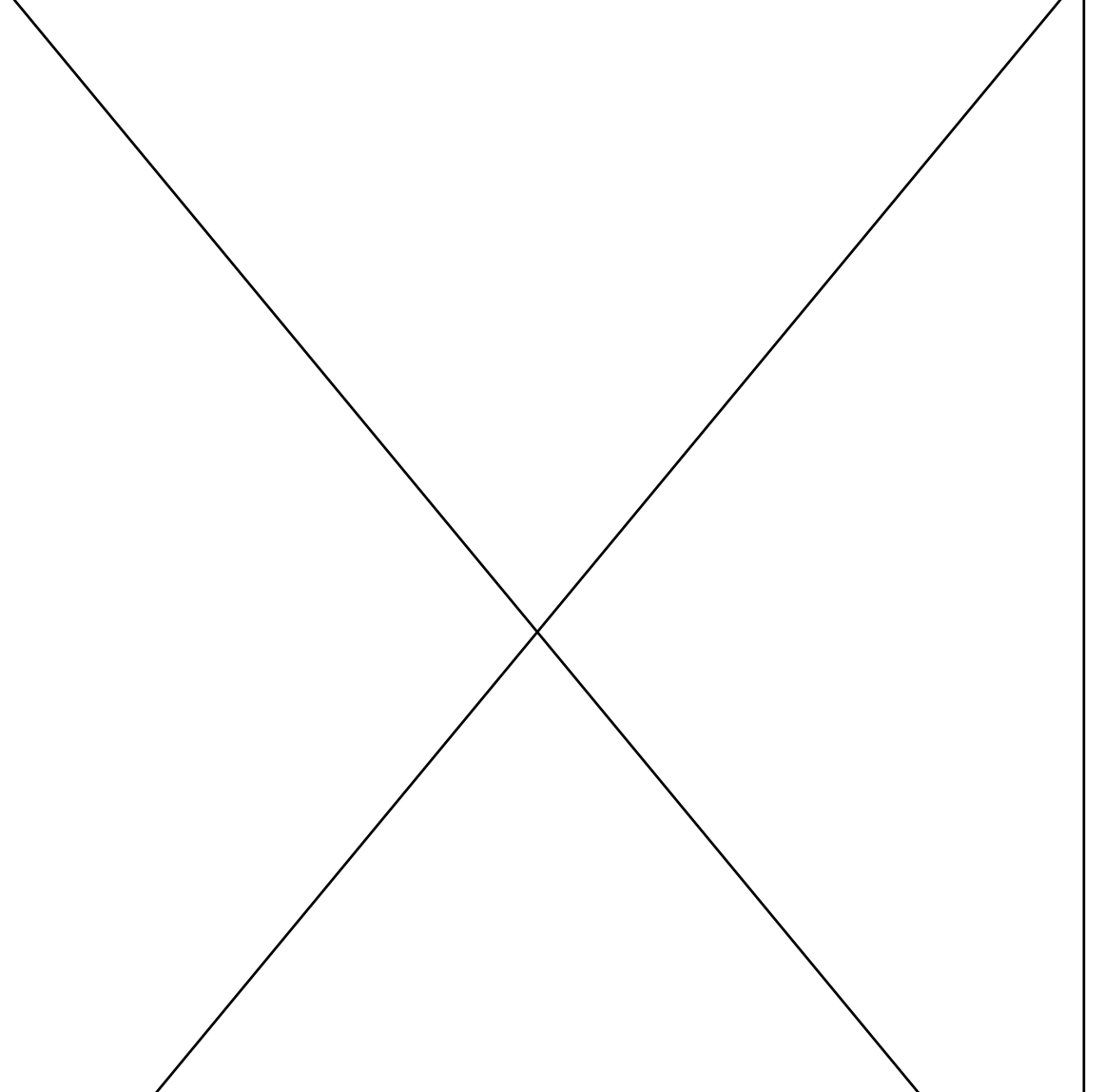
TACTILE EXIT SIGN 3"=1'-0" 21



TACTILE EXIT SIGN 3"=1'-0" 21

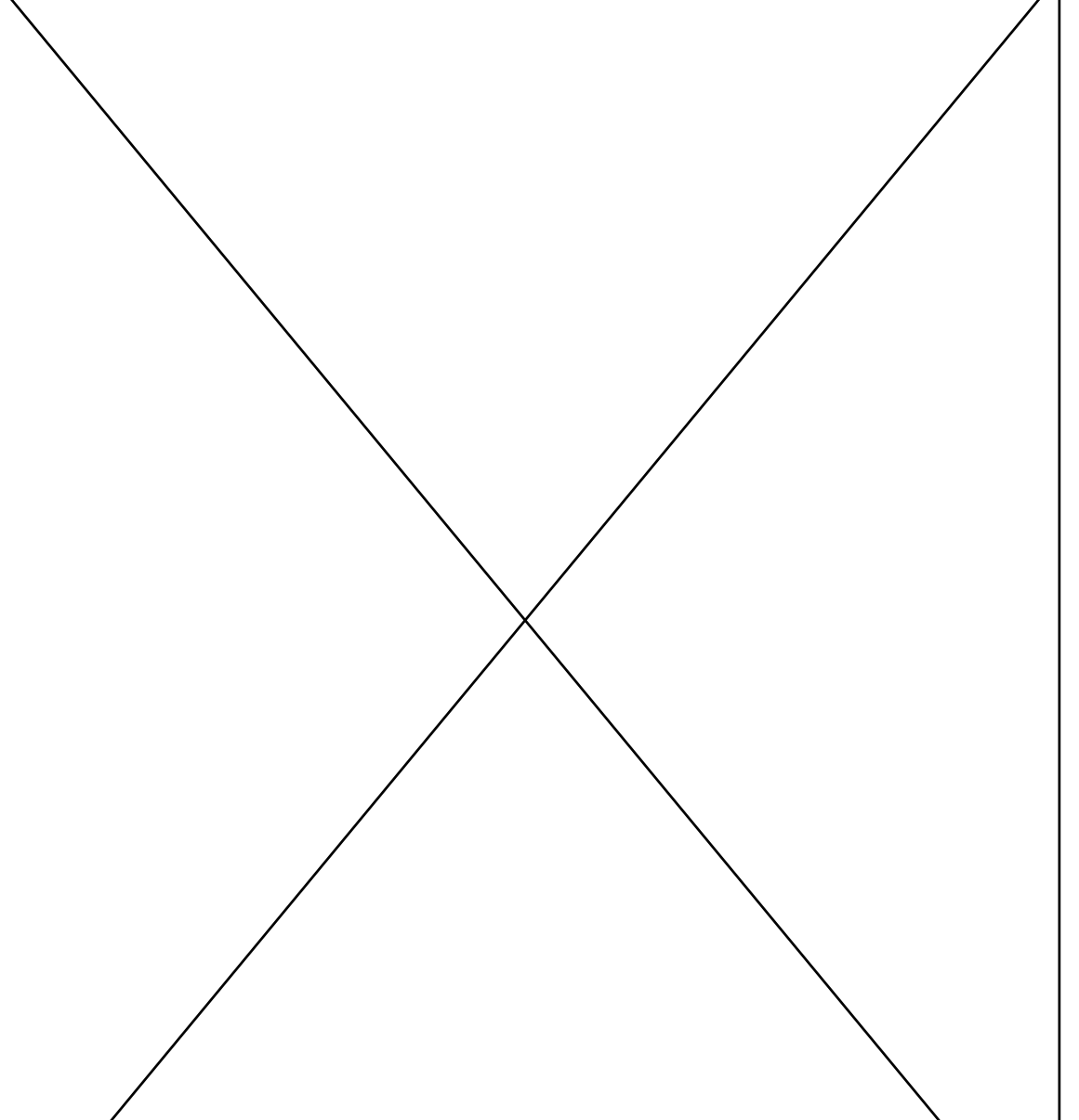


WALL MTD RESTRM SIGN 1 1/2"=1'-0" 19

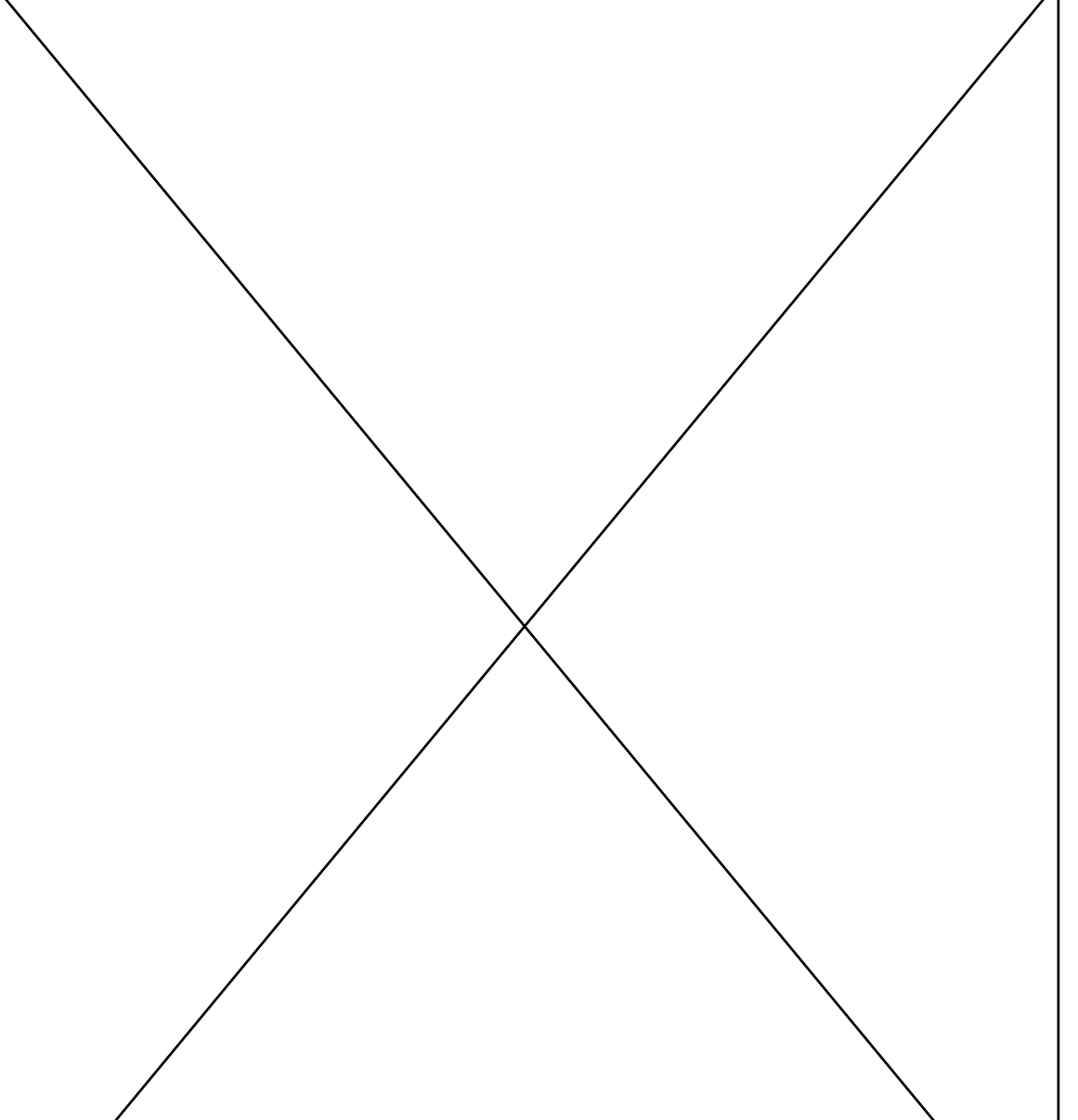


RESTROOM SYMBOL 1 1/2"=1'-0" 4

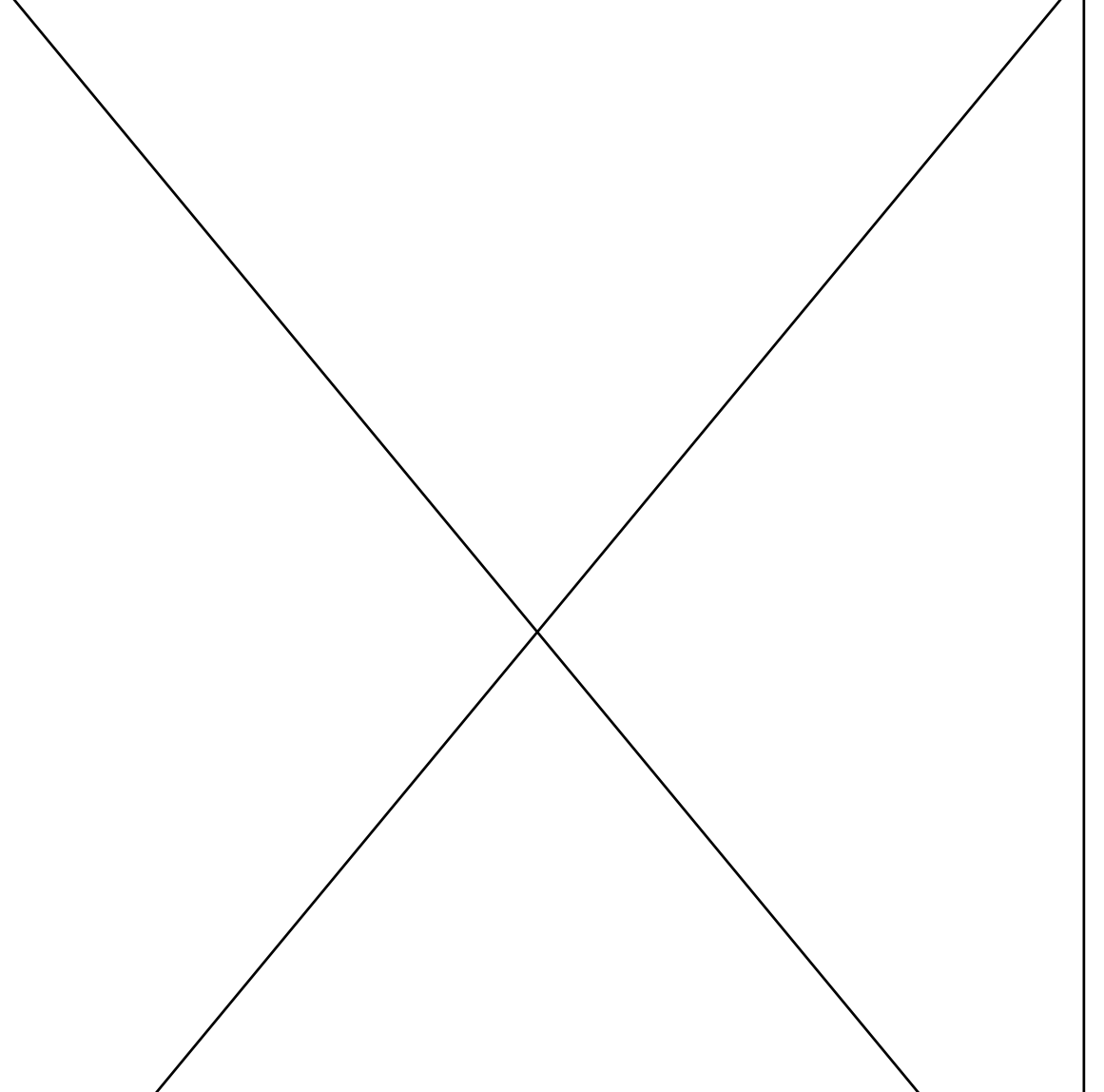
TACTILE EXIT SIGN 3"=1'-0" 21



TACTILE EXIT SIGN 3"=1'-0" 21



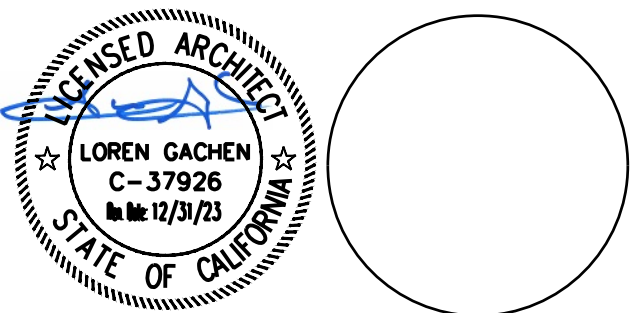
WALL MTD RESTRM SIGN 1 1/2"=1'-0" 19



RESTROOM SYMBOL 1 1/2"=1'-0" 4

HONEYBEE POOL RENOVATION

CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



CONSULTANT

VANESSA GARRETT P.E. CE84141 DATE
CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| 1 | 11/03/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |
| | | | |
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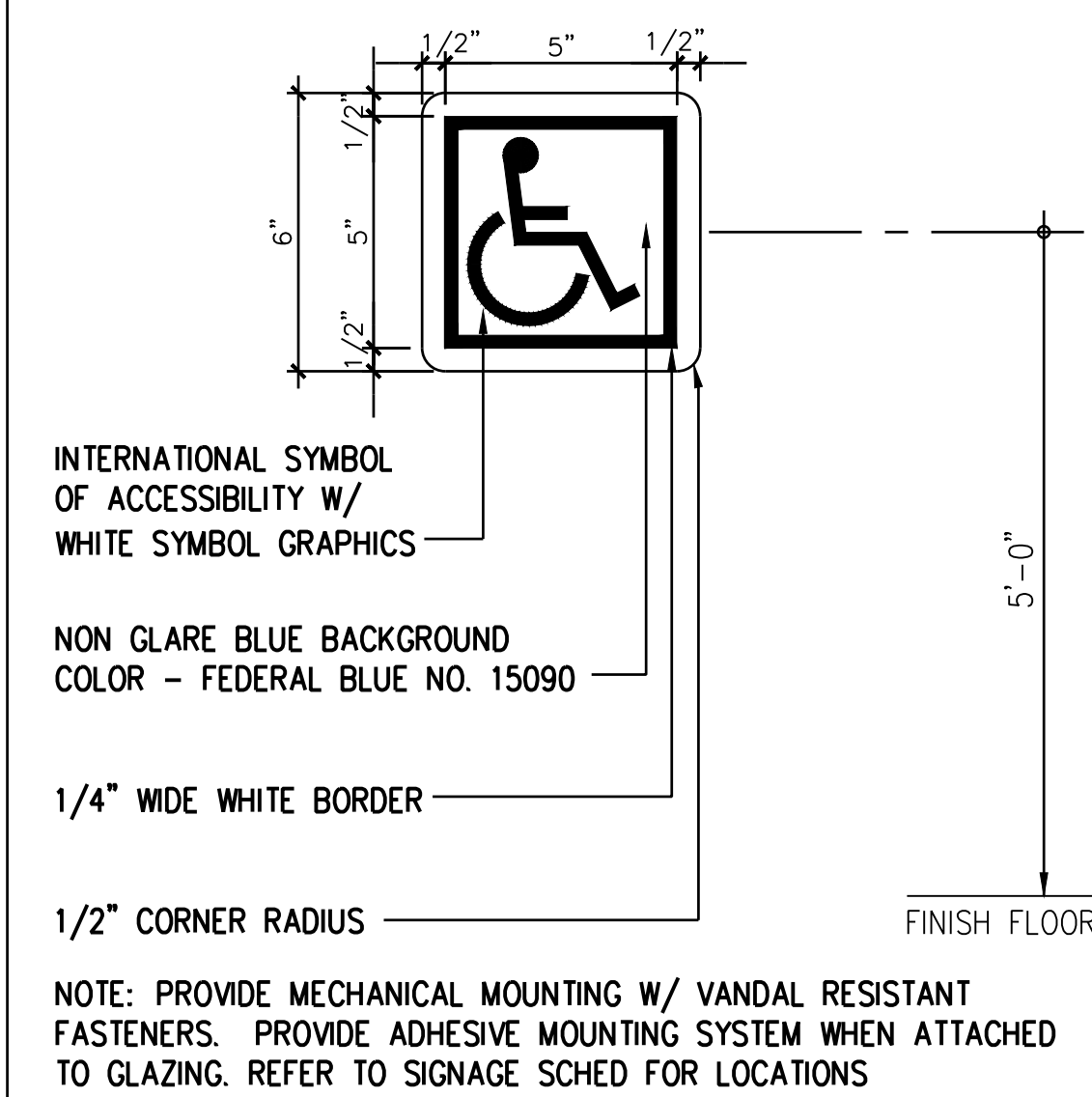
DRAWN: WLC CHECKED:

DATE: 02/25/2022 SCALE: AS NOTED

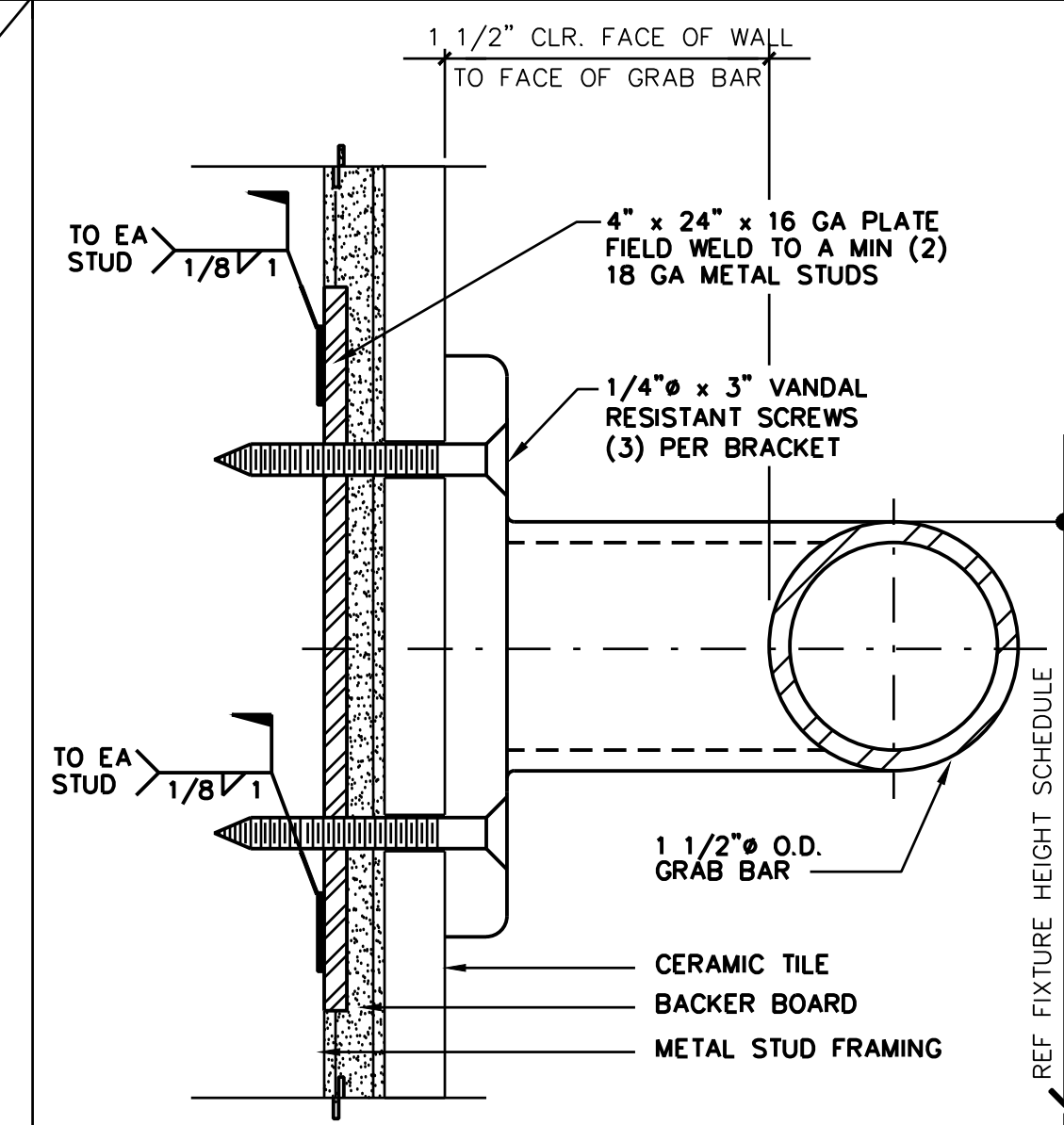
PROJECT NUMBER: 2010200

**SPECIALTY
DETAILS AND
SCHEDULES**

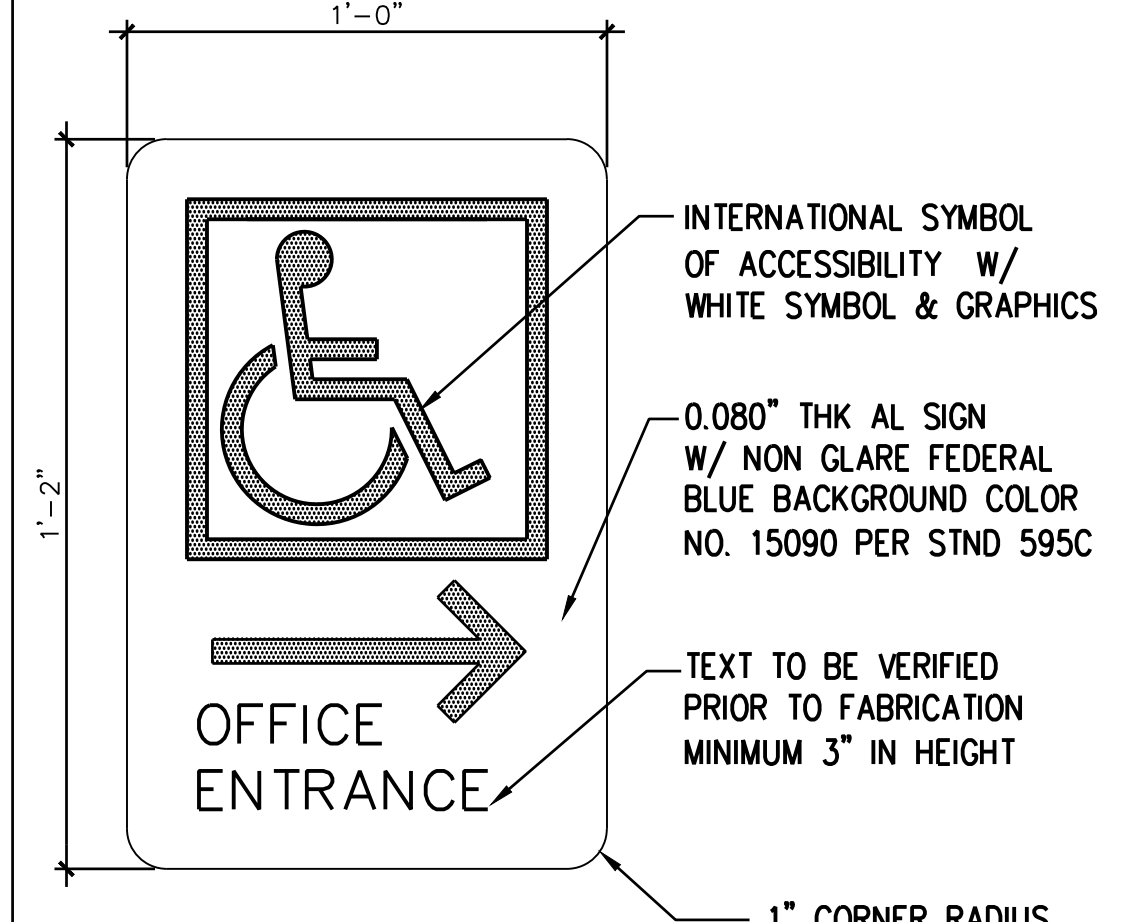
DRAWING NUMBER: **10.2**



FILE/CSI NUMBER: 01000-2010 REVISION DATE: 06/16/04 JOB NUMBER: 88100
ACCESSIBLE ENTRY SIGN 3/4"=1'-0" 17

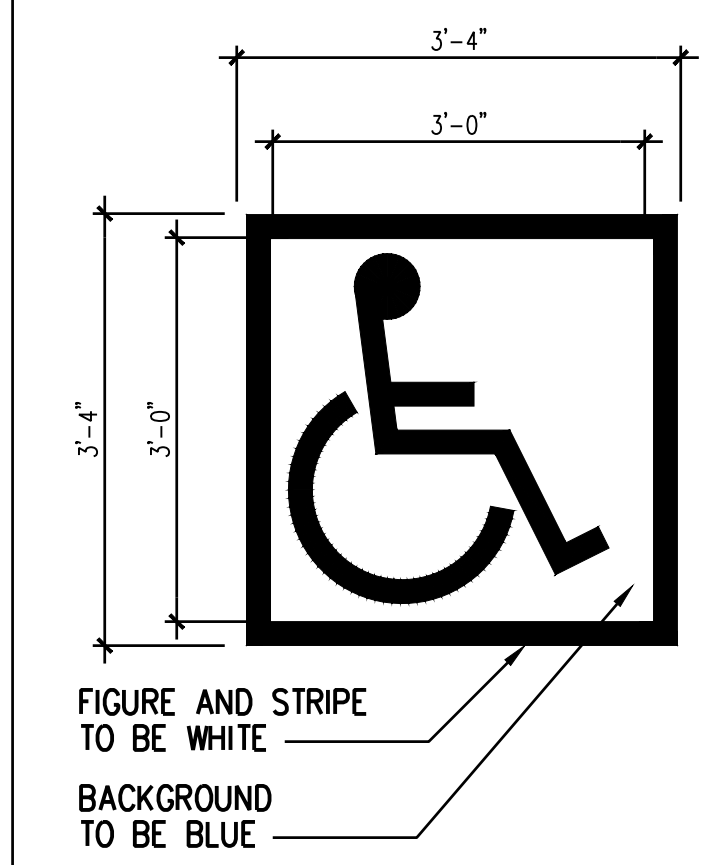


FILE/CSI NUMBER: 01000-0102 REVISION DATE: 03/03/14 JOB NUMBER: 88100
GRAB BAR @ MET STUD FULL SIZE 5



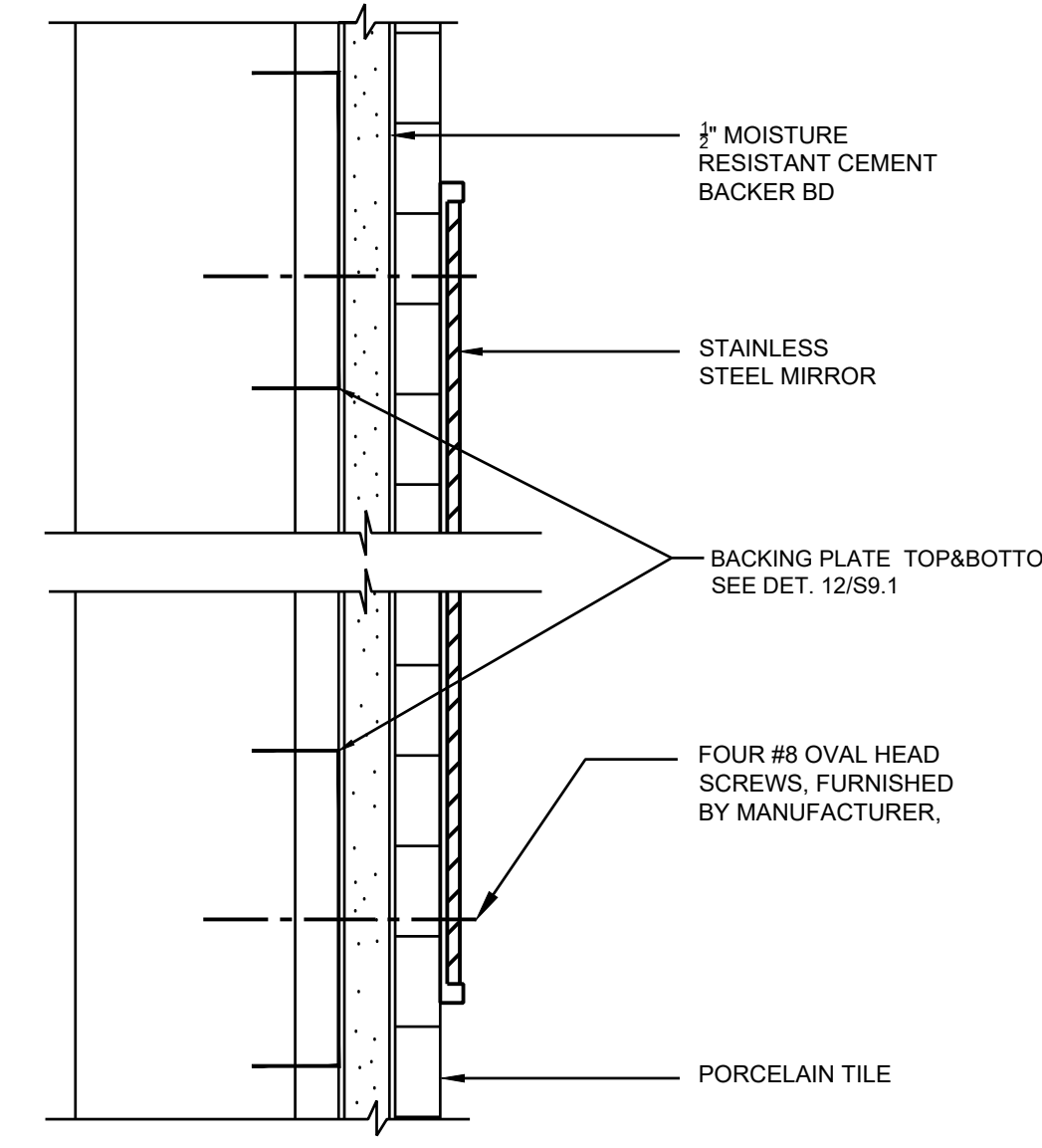
NOTE:
REF DET 13/10.2 FOR POLE MTD SIGN, DET 17/10.2 FOR WALL MTD SIGN. REFER TO SIGNAGE SCHEDULE & SITE PLAN FOR LOCATIONS.

FILE/CSI NUMBER: 01000-1012 REVISION DATE: 06/10/11 JOB NUMBER: 88100
DIRECTIONAL ACCESS SIGN 1 1/2"=1'-0" 10

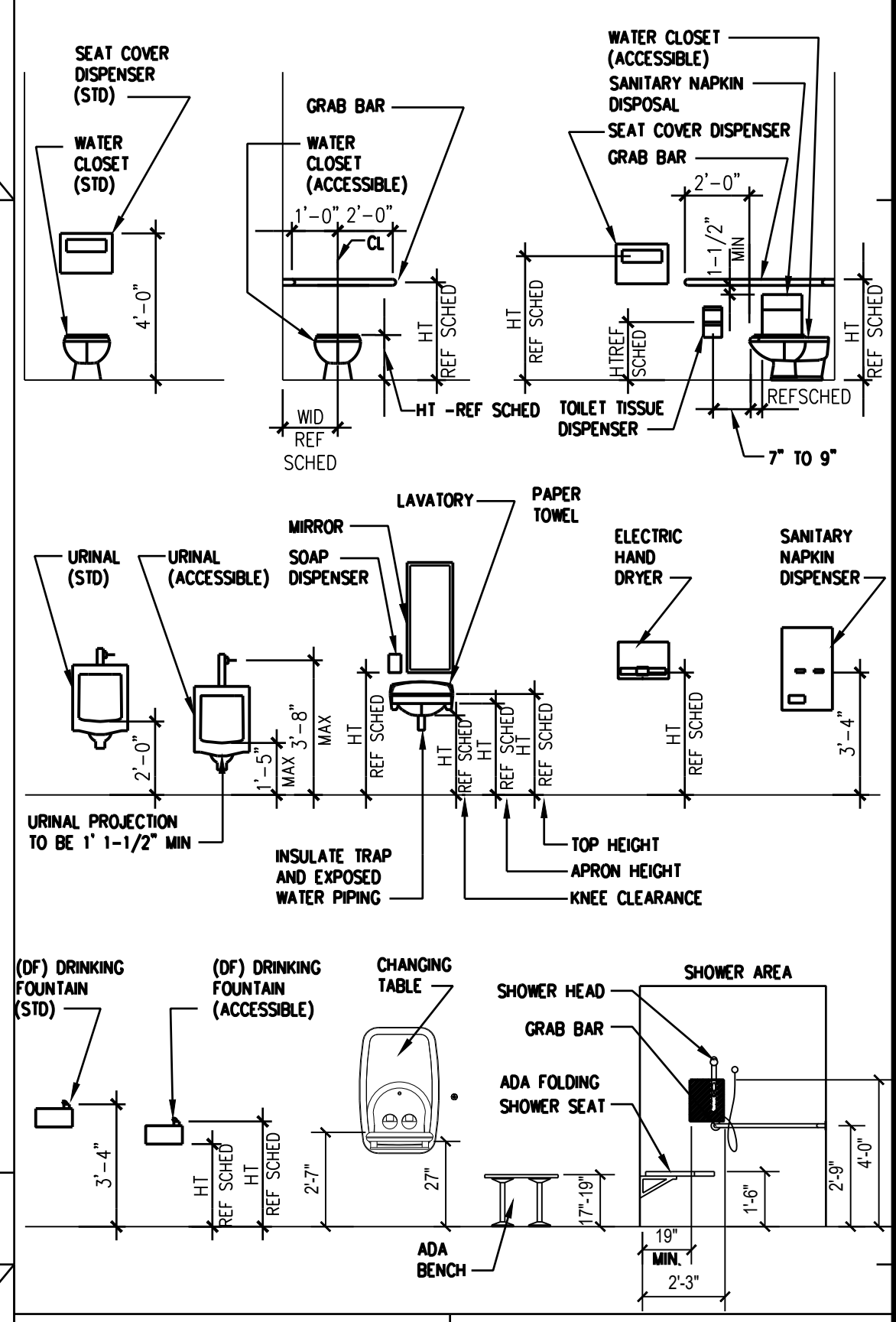


NOTES:
1) ALL STROKES TO BE 2" WIDE W/ WHITE PAINT
2) PROVIDE 2 (TWO) COATS OF PAINT
3) BACKGROUND COLOR TO BE FEDERAL BLUE NO. 15090 PER FEDERAL STANDARD NO. 595C
4) LOCATE SYMBOL AT CENTER OF ACC PARKING STALL WHERE SHOWN ON SITE PLAN

FILE/CSI NUMBER: 01000-1102 REVISION DATE: 03/21/17 JOB NUMBER: 88100
ACCESS SIGN 3/4"=1'-0" 11



MIRROR NTS 7

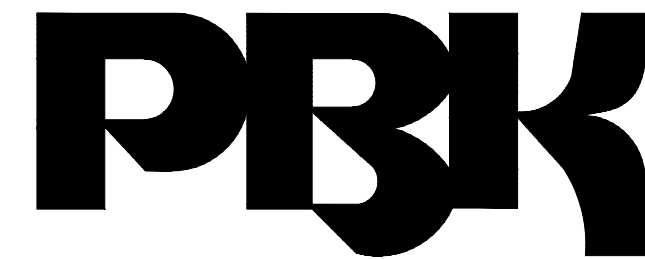


| FIXTURE | SUGGESTED DIMENSION |
|-------------------------------------|---------------------|
| TOILET CENTER LINE FROM WALL | 1'-5" TO 1'-6" |
| TOILET SEAT HEIGHT (TOP OF SEAT) | 1'-5" TO 1'-7" |
| GRAB BAR HEIGHT (TOP OF BAR) | 2'-9" TO 3'-0" |
| TOILET PAPER DISPENSER HT TO OUTLET | 1'-7" MIN |
| NAPKIN DISPOSAL IN BACK OF TOILET | 6" MAX |
| DISPENSER OR MIRROR HEIGHT | 3'-4" MAX |
| LAVATORY/SINK TOP HEIGHT | 2'-10" MAX |
| LAVATORY APRON CLEARANCE | 2'-5" MIN |
| LAVATORY/SINK KNEE CLEARANCE | 2'-3" MIN |
| D F BUBBLER HEIGHT | 3'-0" MAX |
| D F BUBBLER FROM FRONT EDGE | 5" MAX |
| D F CONTROL FROM FRONT EDGE | 6" MAX |
| D F KNEE CLEARANCE | 2'-3" MIN |
| RAMP/STAIR HANDRAIL HEIGHT | 2'-10" TO 3'-2" |

LEGEND
A = ADULT DIMENSIONS (AGE 12 AND OVER)

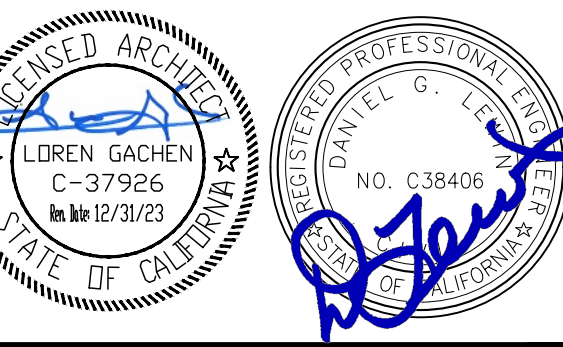
NOTES
1. ALL FIXTURES AND ACCESSORIES ARE ACCESSIBLE UNLESS OTHERWISE NOTED OR DIMENSIONED.
2. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
3. REFER TO ENLARGED TOILET PLAN DRAWINGS FOR TOILET ACCESSORY LOCATIONS.
4. ALL ACCESSORIES ARE TO BE ACCESSIBLE WITH A MAXIMUM REACH HEIGHT OF 3'-4" FROM FLOOR TO TOP OF FUNCTIONAL POINT UNLESS OTHERWISE NOTED OR DIMENSIONED. MIRROR HEIGHT IS TO BOTTOM OF REFLECTIVE SURFACE.

MOUNTING HT SCHED NTS 4



BERKELEY
2600 TENTH STREET, SUITE 700
BERKELEY, CA 94710-2597
510-450-1999 P.

HONEYBEE POOL RENOVATION
CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



CONSULTANT
HOBACH-LEWIN, INC.
STRUCTURAL & CIVIL ENGINEERS
200 Sheridan Avenue, Suite 150
Palo Alto, CA 94306
(650) 617-9930, Fax (650) 617-9932

VANESSA GARRETT P.E. CE#4141 DATE
CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO. | DATE | BY | DESCRIPTION |
| 1 | 5/25/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

DRAWN: BKB CHECKED: BJH
DATE: 02/25/2022 SCALE:
PROJECT NUMBER: 2010200

COVER SHEET

DRAWING NUMBER: **C1.0**

AGENCY BACKCHECK

IMPROVEMENT PLANS

FOR

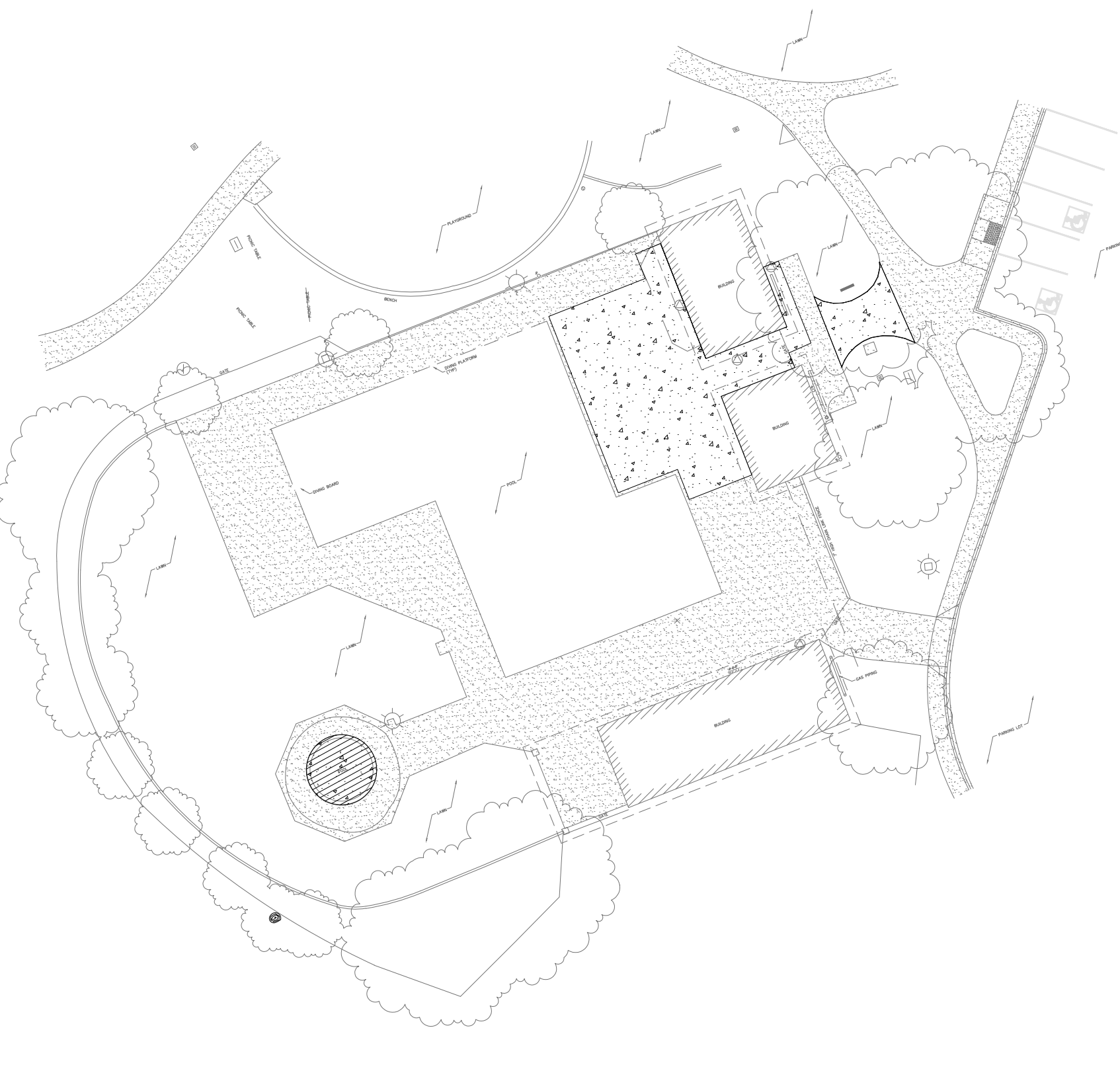
HONEYBEE POOL RENOVATION

1170 GOLF COURSE DR.
ROHNERT PARK, CA 94928

GENERAL CIVIL NOTES

GENERAL:

- ALL PERMITS WILL BE SECURED BY THE CONTRACTOR AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE CONDITIONS AND REQUIREMENTS OF THE PERMITS.
- THE CONTRACTOR SHALL TAKE EFFECTIVE ACTION TO PREVENT THE FORMATION OF AN AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR DAMAGE RESULTING FROM THEIR FAILURE TO DO SO.
- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR SAFETY.
- THE CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR THE POLICE, FIRE AMBULANCE, AND THOSE AGENCIES RESPONSIBLE FOR MAINTENANCE OF UTILITIES IN THE VICINITY OF THE JOB SITE.
- LENGTHS OF SANITARY SEWERS AND STORM DRAINS SPECIFIED ARE HORIZONTAL DISTANCES AS MEASURED FROM CENTERS OF STRUCTURES ROUNDED TO THE NEAREST FOOT.
- EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL PERFORM AT THEIR EXPENSE A FIELD OBSERVATION LOCATING ALL EXISTING UTILITIES INCLUDING ELEVATIONS AND NOTIFY THE OWNER AND THE ENGINEER OF ANY CONFLICTS PRIOR TO CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTING LOCATIONS OF UTILITIES SHOWN ON THESE PLANS. ANY ADDITIONAL COST INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF THE EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR.
- CONTRACTOR TO VERIFY ALL EXISTING INVERT ELEVATIONS FOR STORM DRAIN AND SANITARY SEWER CONSTRUCTION PRIOR TO ANY WORK. ALL WORK FOR STORM DRAIN AND SANITARY SEWER INSTALLATION SHALL BEGIN AT THE DOWNSTREAM CONNECTION POINT. THIS WILL ALLOW FOR ANY NECESSARY ADJUSTMENTS TO BE MADE PRIOR TO THE INSTALLATION OF THE ENTIRE LINE. IF THE CONTRACTOR FAILS TO BEGIN AT THE DOWNSTREAM CONNECTION POINT AND WORKS UPSTREAM, HE SHALL PROCEED AT HIS OWN RISK AND BE RESPONSIBLE FOR ANY ADJUSTMENTS NECESSARY.
- CONTRACTOR SHALL UNCOVER AND EXPOSE ALL EXISTING UTILITY AND SEWER LINES WHERE THEY ARE CROSSED ABOVE OR BELOW BY THE NEW FACILITY BEING CONSTRUCTED IN ORDER TO VERIFY THE GRADE AND TO ASSURE THAT THERE IS SUFFICIENT CLEARANCE. PIPES SHALL NOT BE STRUNG NOR TRENCHING COMMENCED UNTIL ALL CROSSINGS HAVE BEEN VERIFIED FOR CLEARANCE. IF THE CONTRACTOR FAILS TO FOLLOW THIS PROCEDURE HE WILL BE SOLELY RESPONSIBLE FOR ANY EXTRA WORK OR MATERIAL REQUIRED IF MODIFICATIONS TO THE DESIGN ARE NECESSARY.
- ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S SOLE EXPENSE.
- CONTRACTOR TO TAKE NECESSARY PRECAUTIONARY MEASURES TO PREVENT SOIL EROSION AND SEDIMENTATION. EXISTING AND PROPOSED DRAINAGE STRUCTURES TO BE TEMPORARILY COVERED WITH FILTER FABRIC OR EQUAL UNTIL SURROUNDING PAVEMENT IS INSTALLED.
- ANY RELOCATION OF UTILITIES SHALL BE COORDINATED WITH THE OWNER AND CONDUCTED IN ACCORDANCE WITH ANY AND ALL REQUIREMENTS OF THE OWNER, INCLUDING FEES, BONDS, PERMITS AND WORKING CONDITIONS, ETC. THE OWNER SHALL PAY THE FEES, BONDS, AND FILE THE APPROPRIATE PERMITS FOR ALL SUCH RELOCATION WORK. ALL ON-SITE UTILITY WORK IS THE RESPONSIBILITY OF THE CONTRACTOR (MATERIALS AND INSTALLATION).
- IF ARCHAEOLOGICAL MATERIALS ARE UNCOVERED DURING GRADING, TRENCHING OR OTHER EXCAVATION, EARTHWORK WITHIN 100 FEET OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHAEOLOGIST WHO IS CERTIFIED BY THE SOCIETY OF CALIFORNIA ARCHAEOLOGY (SCA) AND/OR THE SOCIETY OF PROFESSIONAL ARCHAEOLOGY (SOPA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND SUGGEST APPROPRIATE MITIGATION MEASURES, IF THEY ARE DEEMED NECESSARY.
- THESE PLANS DO NOT SPECIFY NOR RECOMMEND THE USE OR INSTALLATION OF ANY MATERIAL OR EQUIPMENT WHICH IS MADE FROM, OR WHICH CONTAINS ASBESTOS FOR USE IN THE CONSTRUCTION OF THESE IMPROVEMENTS. ANY PARTY INSTALLING OR USING SUCH MATERIALS OR EQUIPMENT SHALL BE SOLELY RESPONSIBLE FOR ALL INJURIES, DAMAGES, OR LIABILITIES, OF ANY KIND, CAUSED BY THE USE OF SUCH MATERIALS OR EQUIPMENT. NOTIFY OWNER WHEN DISCOVERING ASBESTOS MATERIALS. REFER TO SPECIFICATION HAZARDOUS MATERIALS PROCEDURES AND CONTROL AND HAZARDOUS MATERIALS ABATEMENT AND CONTROL.
- THE CONTRACTOR SHALL MEET AND FOLLOW ALL (NPDES) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM REQUIREMENTS IN EFFECT AT THE TIME OF CONSTRUCTION.
- SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
- CONTRACTOR SHALL ARRANGE, INSTALL, AND PAY FOR ANY TEMPORARY UTILITIES, INCLUDING BUT NOT LIMITED TO TELEPHONE, ELECTRIC, SEWER, WATER, ETC. THE CONTRACTOR IS TO COORDINATE ANY SUCH UTILITY NEEDS WITH THE OWNER.
- ALL SITE AREAS SHALL BE GRADED AT 1% MINIMUM FOR DRAINAGE UNLESS OTHERWISE NOTED OR ALONG FLOWLINES OF CONCRETE LINED GUTTERS AND VALLEY GUTTERS.
- ESTIMATED EARTHWORK QUANTITIES SHOWN ARE APPROXIMATE ONLY AND SHOWN FOR THE PURPOSES OF ESTIMATING GRADING PERMIT FEES. HOBACH-LEWIN ASSUMES NO LIABILITY FOR THE ACCURACY OF THESE QUANTITIES.
- WHERE EXISTING STRUCTURES ARE TO REMAIN IN CONSTRUCTION ZONE AREA, CONTRACTOR SHALL ADJUST RIMS OF THESE STRUCTURES, I.E. CATCH BASINS, VALVE BOXES, CLEAN OUTS, UTILITY BOXES, ETC. TO NEW FINISH GRADE.
- CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT FOR NORTHERN CALIFORNIA AT LEAST 48 HOURS (2 WORKING DAY) PRIOR TO COMMENCEMENT OF CONSTRUCTION. (800) 227-2600.
- THE ORGANIC MATERIAL COVERING THE SITE SHALL BE STRIPPED AND STOCKPILED. THE STRIPPINGS SHALL BE USED TO BACKFILL ALL LANDSCAPE PLANTERS AND ROUGH GRADE MOUND AREAS, AS SHOWN ON LANDSCAPE DRAWINGS, TO WITHIN 1" OF GRADES SHOWN. EXCESS STRIPPINGS AND EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.
- ADJUSTMENTS TO PAD ELEVATIONS OR PARKING LOT GRADES TO ACHIEVE EARTHWORK BALANCE SHALL BE MADE ONLY WITH APPROVAL OF THE ENGINEER.
- COMPACTION TO BE DETERMINED USING ASTM D1557-LATEST EDITION.
- STORM DRAIN PIPES DESIGNATED AS SD FROM 4" TO 24" IN DIAMETER SHALL BE SDR-35 PVC, (GREEN-TITE PIPE BY MANVILLE OR APPROVED EQUAL), CLASS HDPE SMOOTH INTERIOR PIPE PER ASTM D2321 HANCOR SURE-LOK W/ PIPE OR APPROVED EQUAL WITH CLASS I BACKFILL OR DUCTILE IRON PIPE DIP, IF SPECIFIED ON PLANS. NO MATERIAL SUBSTITUTE SHALL BE ALLOWED FOR DUCTILE IRON PIPE. ANY PIPES LARGER THAN 24" IN DIAMETER SHALL BE CLASS III REINFORCED CONCRETE PIPE RCP. PVC PIPE EXCEEDING 24" DIAMETER SHALL ONLY BE USED WHEN APPROVED BY MANUFACTURER IN THIS JURISDICTION.
- PROPOSED SPOT GRADES (ELEVATIONS) SHOWN HEREON ARE FINISHED PAVEMENT GRADES, NOT TOP OF CURB GRADES, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL VERIFY THE CONTENTS AND THICKNESS OF THE BUILDING SLAB SECTION (IE. CONCRETE, SAND, ROCK) WITH THE STRUCTURAL PLANS AND THE ELEVATIONS SHOWN HEREON PRIOR TO COMMENCEMENT OF GRADING.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE O.S.H.A. REGULATIONS.
- CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.
- WHERE OFF-SITE DRIVEWAY APPROACHES ARE TO BE CONSTRUCTED THE ON-SITE DRIVEWAY SHALL NOT BE CONSTRUCTED UNTIL THE OFF-SITE IMPROVEMENTS ARE INSTALLED. THE ON-SITE DRIVEWAY SHALL CONFORM TO THE COMPLETED OFF-SITE DRIVEWAY.



LEGEND

- BOUNDARY LINES**
- CENTER LINE
 - EASEMENT LINE
 - PROPERTY LINE
 - ADJACENT PROPERTY LINE
- MISCELLANEOUS LINES**
- SIDEWALK
 - LIP OF GUTTER
 - FENCE-WIRE
 - BIORETENTION AREA
- UTILITY LINES**
- ELECTRIC
 - FIBER OPTIC
 - FIRE SERVICE
 - GAS LINE
 - IRRIGATION LINE
 - JOINT TRENCH
 - NITROGEN GAS
 - OVERHEAD
 - RECYCLED WATER
 - STORM DRAIN
 - SANITARY SEWER
 - TELEPHONE
 - WATER

ABBREVIATIONS

- AGGREGATE BASE
- ASPHALTIC CONCRETE
- AREA DRAIN
- AT&T
- BACK OF CURB
- BACKFLOW PREVENTER
- BUILDING
- BOLLARD
- BACK OF WALK
- BOTTOM OF WALL
- BOTTOM OF WALL-FINISHED SURFACE
- CONCRETE
- CABLE TV
- CATCH BASIN
- CONCRETE
- CLEANOUT TO GRADE
- DRAIN INLET
- DOWN SPOUT
- ELECTRIC OR EAST
- EACH WAY
- EXISTING
- EXISTING
- ELECTRIC
- EASEMENT
- GAS
- GRADE BREAK
- FINISHED FLOOR
- FINISHED GRADE
- FLOWLINE
- FORCE MAIN
- FENCE
- FINISHED SURFACE
- GROUND
- HIGH POINT
- INVERT
- JOINT POLE
- LINEAR FEET
- LIP OF GUTTER
- LIGHT
- MAPS
- NORTH
- NORTHEAST
- NORTHWEST
- ON CENTER
- OVERHEAD
- OF RECORD
- PERFORATED PIPE
- PACIFIC GAS & ELECTRIC
- POINT OF CONNECTION
- PAVEMENT
- RELATIVE COMPACTION
- RECYCLED WATER
- RIM OF UTILITY OBJECT
- SOUTH
- STORMDRAIN
- SOUTHEAST
- SAN JOSE WATER COMPANY
- SANITARY SEWER
- STREET LIGHT
- SOUTHWEST
- TREE
- TOP OF CURB
- TOP OF WALL
- TOP OF WALL-FINISHED SURFACE
- TYPICAL
- UNLESS OTHERWISE NOTED
- UNDERGROUND SERVICE ALERT
- VALLEY GUTTER
- WATERWEST/WITH
- WATER METER
- WATER
- WATER VALVE

GENERAL NOTES CONTINUATION

GRADING NOTES:

- UNDERGROUND UTILITY LOCATIONS SHOWN HEREON WERE TAKEN FROM RECORD DATA. NO GUARANTEE IS MADE OR IMPLIED AS TO THE ACCURACY OF SUCH RECORD DATA. NO EXCAVATIONS WERE MADE TO CONFIRM LOCATIONS. CONTRACTORS ARE CAUTIONED TO CONTACT U.S.A. UNDERGROUND AND TO EXERCISE EXTREME CARE IN VERIFYING ALL LOCATIONS PRIOR TO COMMENCING EXCAVATIONS OR OTHER WORK WHICH MAY AFFECT THESE UTILITIES.
- IRRIGATION LATERALS, PARKING LOT LIGHTING WIRING AND SIGNAL WIRING NOT SHOWN. VERIFY LOCATION BEFORE COMMENCING TRENCHING. REPLACE OR REPAIR IMMEDIATELY WHERE BROKEN TO PROVIDE UNINTERRUPTED SERVICE.
- ALL FINISH GRADES SHOWN ARE FINISH GRADE ELEVATIONS UNLESS NOTED OTHERWISE.

UTILITY NOTES:

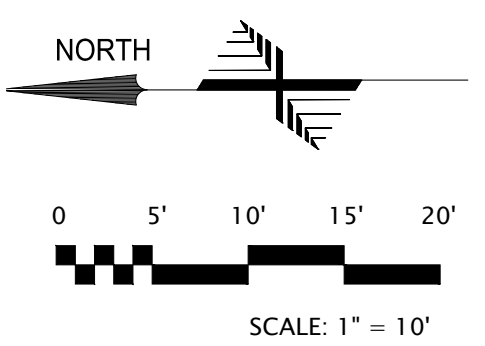
- THIS SURVEY IS NOT INTENDED TO REPRESENT THE EXACT LOCATIONS, SIZES OR EXTENT OF THE UTILITIES WITHIN THE AREA ENCOMPASSED BY THIS SURVEY. THEREFORE, IT IS THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR TO VERIFY THE LOCATION, SIZE AND EXTENT OF ANY EXISTING UTILITIES PRIOR TO DESIGN OR CONSTRUCTION. CONTRACTORS ARE CAUTIONED TO CONTACT U.S.A. UNDERGROUND AND TO EXERCISE EXTREME CARE IN VERIFYING ALL LOCATIONS PRIOR TO COMMENCING EXCAVATIONS OR OTHER WORK WHICH MAY AFFECT THESE UTILITIES.
- IRRIGATION LATERALS, PARKING LOT LIGHTING WIRING AND SIGNAL WIRING NOT SHOWN. VERIFY LOCATION BEFORE COMMENCING TRENCHING. REPLACE OR REPAIR IMMEDIATELY WHERE BROKEN TO PROVIDE UNINTERRUPTED SERVICE.
- UTILITY ABANDONMENT/REMOVAL: DISCONNECT AND CAP PIPES AND SERVICES TO REMAIN. REMOVE ALL PORTIONS OF ALL UTILITIES WITHIN NEW BUILDING FOOTPRINT AND DISPOSE OF OFF-SITE, OTHERWISE ABANDON IN PLACE UNLESS NOTED OTHERWISE.
- NOTIFY THE ENGINEER IMMEDIATELY OF ANY UTILITIES ENCOUNTERED THAT ARE NOT SHOWN ON THE DRAWINGS. PRESERVE AND REPAIR ANY UTILITIES THAT ARE DAMAGED AND THAT ARE TO REMAIN.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CROSSINGS OF NEW UTILITIES WITH EACH OTHER, AND WITH EXISTING UTILITIES. VERIFY EXISTING PIPE LOCATION AND INVERT PRIOR TO INSTALLING NEW UTILITIES. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR DEVIATIONS.
- PRIOR TO CONNECTING TO EXISTING UTILITIES FIELD VERIFY LOCATION & INVERT OR DEPTH PRIOR TO INSTALLING NEW PIPE OR EQUIPMENT.
- EACH BUILDING WATER SERVICE CONNECTION SHALL BE WITH VALVE AND VALVE BOX SET AT GRADE.
- ALL BUILDING SEWER LATERALS SHALL BE WITH CLEANOUT TO GRADE.
- ALL CATCH BASINS WITHIN VEHICULAR AREAS SHALL BE TRAFFIC RATED FOR H20 VEHICULAR LOADS. FOR CATCH BASINS IN WALKWAY AREAS, INCLUDING EXISTING CATCH BASINS, USE HEEL PROOF AND ADA GRATE.

ADA COMPLIANCE:

- ALL NEW WORK SHALL CONFORM TO TITLE 24 OF THE CALIFORNIA ADMINISTRATIVE CODE AND THE AMERICANS WITH DISABILITIES ACT 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, AND ANY LOCAL OR STATE AMENDMENTS THEREOF.
- ALL NEW CURB RAMPS SHALL NOT EXCEED A SLOPE OF 1:12 (8.33%).
- ALL NEW ENTRANCE WALKS TO THE BUILDINGS SHALL NOT EXCEED A SLOPE OF 1:20 (5%) LONGITUDINALLY UNLESS RAILINGS ARE PROVIDED IN WHICH CASE THE SLOPE SHALL NOT EXCEED 1:12 (8.33%). SEE ARCHITECTURAL PLANS FOR RAILING REQUIREMENTS.
- LANDINGS SHALL BE PROVIDED AT PRIMARY ENTRANCES TO BUILDINGS WITH A 2% MAXIMUM SLOPE THE LANDINGS SHALL HAVE A MINIMUM WIDTH OF 60" AND A MINIMUM DEPTH OF 60" WHEN THE DOOR OPENS INTO THE BUILDING, AND 42" PLUS THE WIDTH OF THE DOOR WHEN THE DOOR OPENS ONTO THE LANDING.
- RAMPS ARE DEFINED AS ANY WALKWAY BETWEEN SLOPES OF 1:20 (5%) AND 1:12 (8.33%), AND SHALL HAVE A MINIMUM WIDTH OF 48" AND A MAXIMUM CROSS-SLOPE OF 2%. RAMPS EXCEEDING 30" VERTICAL DROP SHALL HAVE INTERMEDIATE (2% MAXIMUM SLOPE) LANDINGS HAVING A MINIMUM LENGTH IN THE DIRECTION OF TRAVEL OF 60". BOTTOM LANDINGS AND LANDINGS AT CHANGES IN RAMP DIRECTION SHALL HAVE A MINIMUM LENGTH OF 72".
- MAXIMUM CROSS-SLOPE ON ANY SIDEWALK OR RAMP SHALL BE 2%. MAXIMUM SLOPE IN ANY DIRECTION WITHIN PARKING STALLS DESIGNATED AS ACCESSIBLE PARKING STALL SHALL BE 2%.

SHEET INDEX

- C1.0 COVER SHEET
- C1.1 NOTES
- C2.0 DEMOLITION PLAN
- C3.0 GRADING PLAN
- C3.1 PAVEMENT PLAN
- C4.0 UTILITY PLAN
- C5.0 EROSION CONTROL PLAN
- C5.0 EROSION CONTROL PLAN
- C6.0 DETAILS
- C6.1 DETAILS



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HONEYBEE POOL RENOVATION
CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



DEMOLITION LEGEND

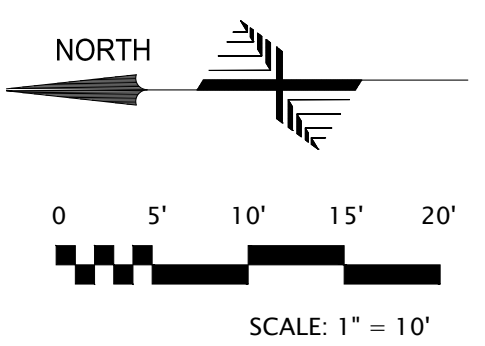
- TREE TO BE REMOVED. SEE LANDSCAPE PLANS.
- DEMOLITION AREA- ALL SITE FEATURES WITHIN THIS AREA ARE TO BE REMOVED, UNLESS NOTED TO REMAIN.
- EXISTING BUILDING STRUCTURE TO BE DEMOLISHED
- TREE PROTECTION TREES TO REMAIN

DEMOLITION KEYNOTES

- 1 BACK OF COPING LIMIT OF WORK
- 2 PIPES IN POOL TO BE PLUGGED AND CAPPED
- 3 SAWCUT AT NEAREST JOINT
- 4 EXISTING UTILITY TO REMAIN
- 5 EXISTING BIKE RACK TO BE RELOCATED
- 6 CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF STORM DRAIN INLET AND REPORT TO ENGINEER
- 7 EXISTING STRIPING TO BE BLACKEDOUT

DEMOLITION NOTES

1. SEE ELECTRICAL PLANS FOR REMOVAL OR RELOCATION OF ALL ELEC/COMM CONDUITS, BOXES, LINE ETC.
2. SEE UTILITY PLAN FOR ALL NEW TIE-IN LOCATIONS AND ANY INSTANCES OF STORM, SANITARY SEWER, OR WATER BEING RELOCATED. ANY EXISTING UTILITIES NOT BEING USED ARE TO BE REMOVED.
3. ALL EXISTING SERVICES AND UTILITIES THAT ARE TO REMAIN OPERATIONAL SHALL BE RELOCATED AS NECESSARY.
4. ALL TREES THAT ARE TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION.



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2600 Sheridan Avenue, Suite 150
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VANESSA GARRETT P.E. CE4141 DATE
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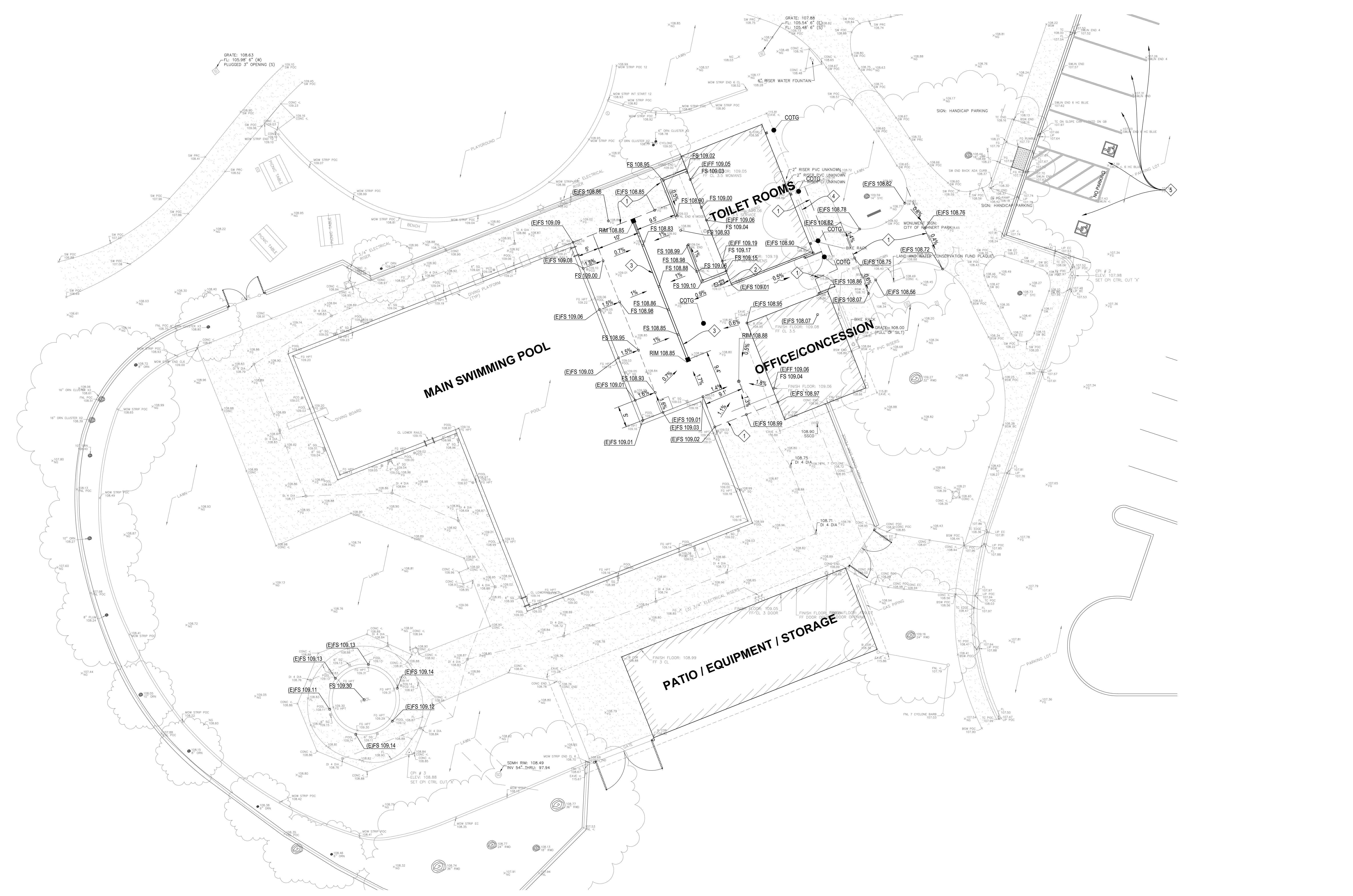
DRAWN: BKB CHECKED: BJH
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DEMOLITION PLAN

DRAWING NUMBER: **C2.0**

AGENCY BACKCHECK

HONEYBEE POOL RENOVATION
CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



GRADING LEGEND

- XX.XX GRADE ELEVATION
- X% SLOPE AND DIRECTION

GRADING KEYNOTES

- 1 SAWCUT AND CONFORM
- 2 DRINKING FOUNTAIN PER ARCHITECTURAL PANS
- 3 NEW SLOT DRAIN. SEE UTILITY PLANS
- 4 REINSTALL EXISTING BIKE RACK
- 5 PARKING TO BE RESTRIPTED. SEE ARCHITECTURAL PLANS AND DETAIL 91C5.0

BENCHMARK FROM SURVEY

CINQUINI & PASSARINO CONTROL POINT NO. 3, BEING A SET SCRIBED X IN CONCRETE AS SHOWN HEREON. ELEVATION = 108.88' (NAVD 88)

THE ORTHOMETRIC ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988) AND WERE DETERMINED BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING SYSTEMS (CGPS) STATION P198 AND STATION P202, BEING NORTH 28°32'50" EAST AS DERIVED FROM GEODETIC VALUES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC).

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM, ZONE 10, NAD 83, EPOCH 2017.50 AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING SYSTEMS (CGPS) STATION P198 AND STATION P202, BEING NORTH 28°32'50" EAST AS DERIVED FROM GEODETIC VALUES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC).

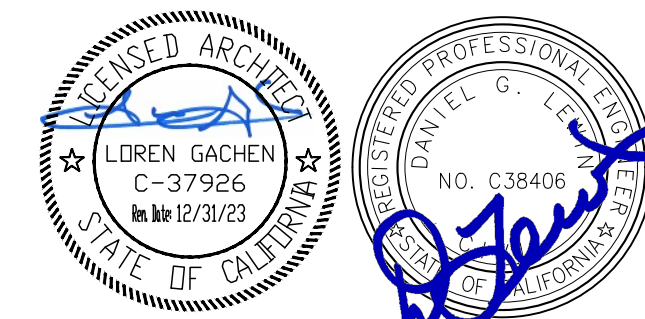
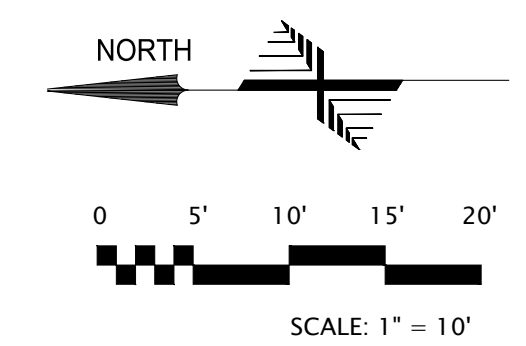
EARTHWORK QUANTITIES*

| TOTALS | CUT (CY) | FILL (CY) |
|--------|----------|-----------|
| | 0 CY | 19 CY |

* QUANTITIES ABOVE ARE BANK VOLUMES

GRADING NOTE

1. HOHBACH-LEWIN WILL NOT BE GIVING ANYMORE CONTROL INFORMATION THEN WHAT IS SHOWN ON THE PLANS. IT'S THE CONTRACTOR'S RESPONSIBILITY TO CHECK INTO THE BASIS OF BEARING AND BENCHMARK USED FOR THE TOPOGRAPHIC SURVEY. HOHBACH-LEWIN WILL NOT BE GIVING ANY CONTROL POINTS FOR STAKING



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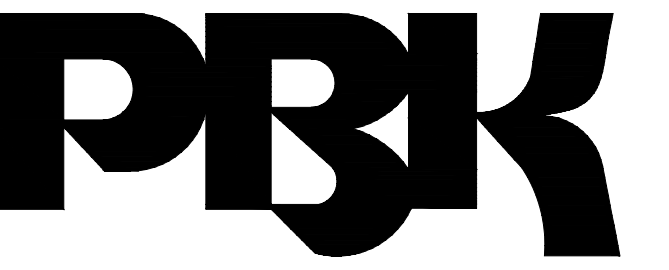
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GRADING PLAN

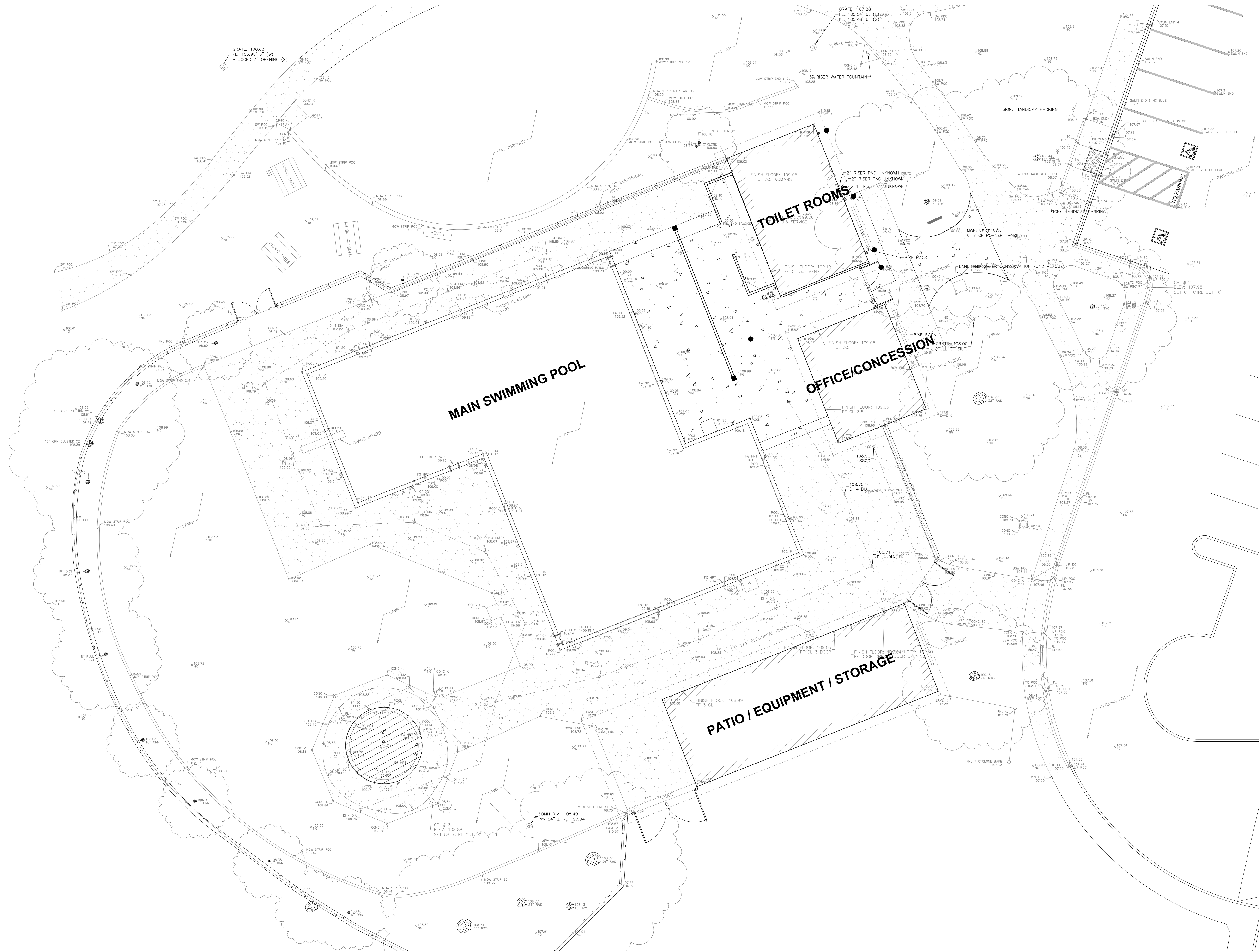
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AGENCY BACKCHECK



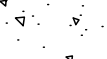
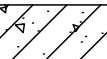
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2600 TENTH STREET, SUITE 700
BERKELEY, CA 94710-2597
510-450-1999 P

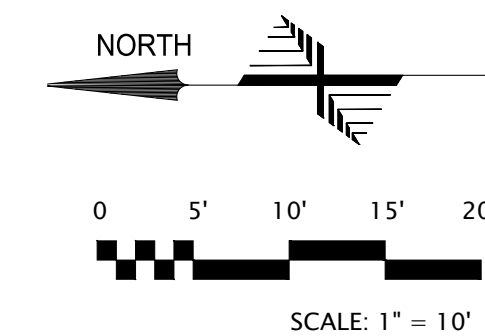
HONEYBEE POOL RENOVATION
CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



PAVEMENT LEGEND

CONCRETE PAVEMENT SURFACES TO HAVE 28-DAY COMPRESSIVE STRENGTH OF AT LEAST 3,200 PSI. CONCRETE PAVING IN VEHICULAR TRAVEL AREA TO MEET ADTT (AVERAGE DAILY TRUCK TRAFFIC) OF 1.

-  **SIDEWALK CONCRETE**
5" CONCRETE W/ #4 @ 12" O.C. E.W. OVER 6" CLASS 2 BASEROCK COMPACTED TO 95% R.C. OVER NATIVE SOILS COMPACTED TO 90% R.C.
-  **FORMER WADING POOL FLATWORK**
5" CONCRETE W/ #4 @ 12" O.C. E.W. OVER 18" - 36" CLASS 2 BASEROCK COMPACTED TO 95% R.C. OVER NATIVE SOILS COMPACTED TO 90% R.C.



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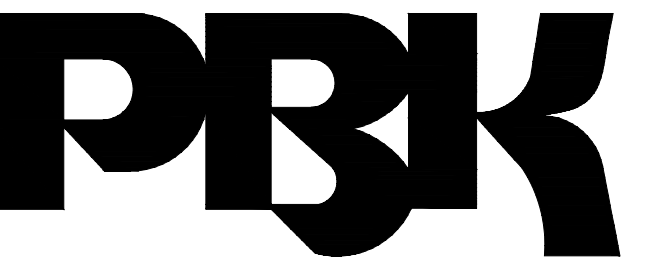
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PAVEMENT PLAN

DRAWING NUMBER: **C3.1**

AGENCY BACKCHECK



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UTILITY LEGEND

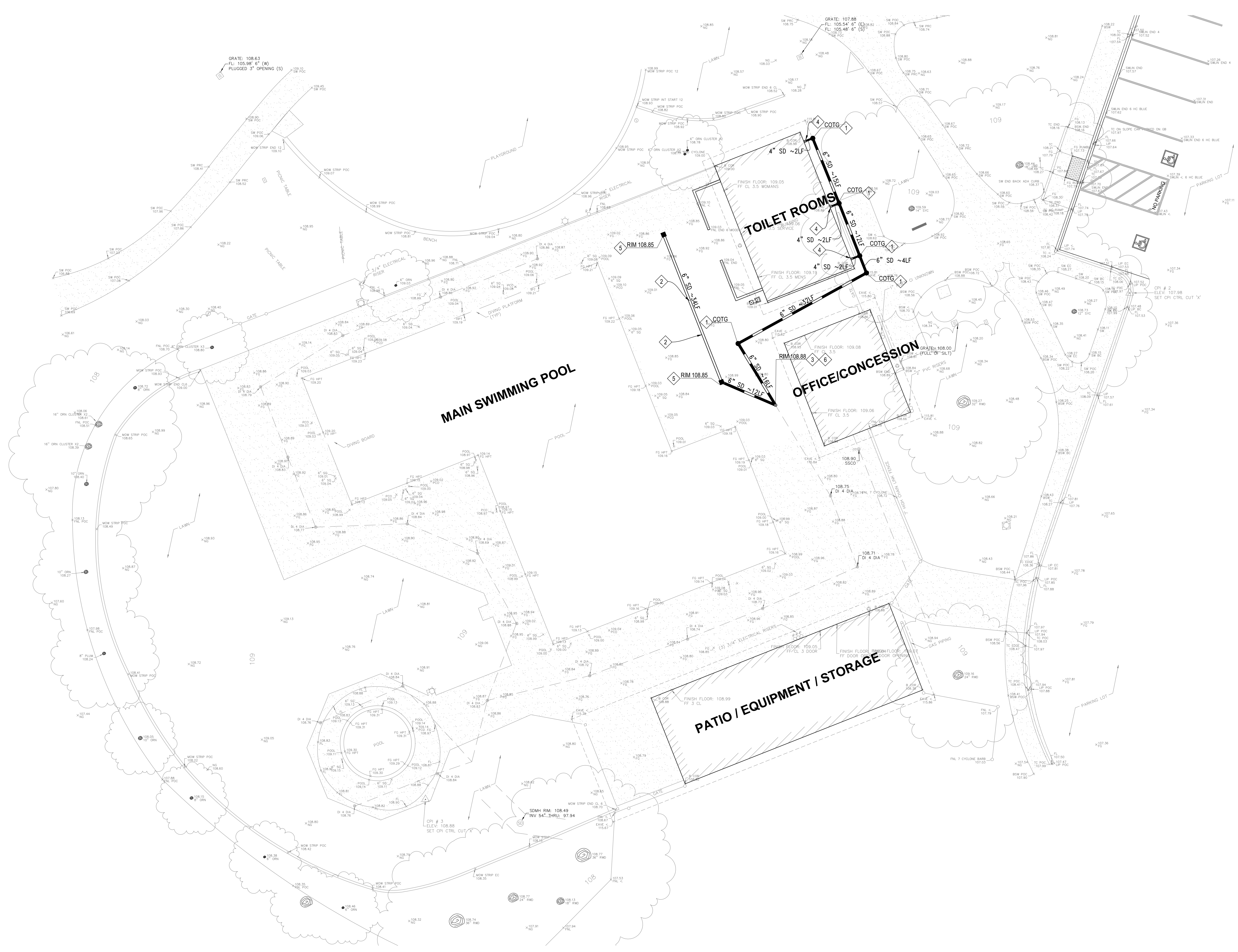
- FIRE HYDRANT
- WATER VALVE
- WATER METER
- STORM DRAIN MANHOLE
- BACKFLOW PREVENTER
- CATCH BASIN
- AREA DRAIN
- CLEANOUT TO GRADE
- FIRE DEPARTMENT CONNECTION
- JUNCTION BOX

UTILITY KEYNOTES

- 1 CLEANOUT TO GRADE, SEE DETAIL 4/C6.0
- 2 INSTALL NEW SLOT DRAIN, SEE DETAIL 1/C6.0
- 3 CONNECT TO EXISTING STORM DRAIN SYSTEM
- 4 CONNECT TO DRAIN INLET, SEE DETAIL 6/C6.0
- 5 SLOT DRAIN CLEAN OUT, SEE DETAIL 3/C6.0
- 6 INSTALL NEW FLAT WORK DRAIN, SEE DETAIL 5/C6.0

UTILITY NOTES

1. CONTRACTOR SHALL VERIFY (POTHOLE IF NECESSARY) SIZE, MATERIAL, LOCATION AND DEPTH OF ALL SYSTEMS THAT ARE TO BE CONNECTED TO OR CROSSED PRIOR TO THE TRENCHING OR INSTALLATION OF PROPOSED UTILITIES, AND INFORM ENGINEER OF ANY CONFLICTS BEFORE PROCEEDING WITH WORK.
2. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, INVERTS AND LOCATIONS PRIOR TO BEGINNING ANY WORK ON THIS SITE.



HONEYBEE POOL RENOVATION
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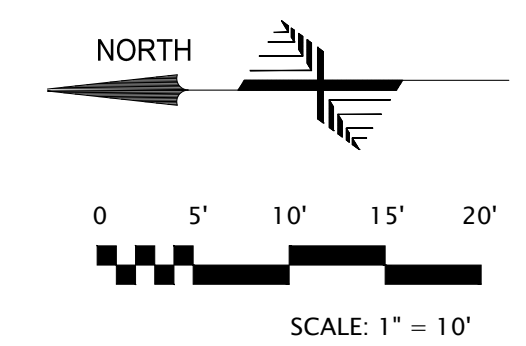
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UTILITY PLAN

DRAWING NUMBER: **C4.0**

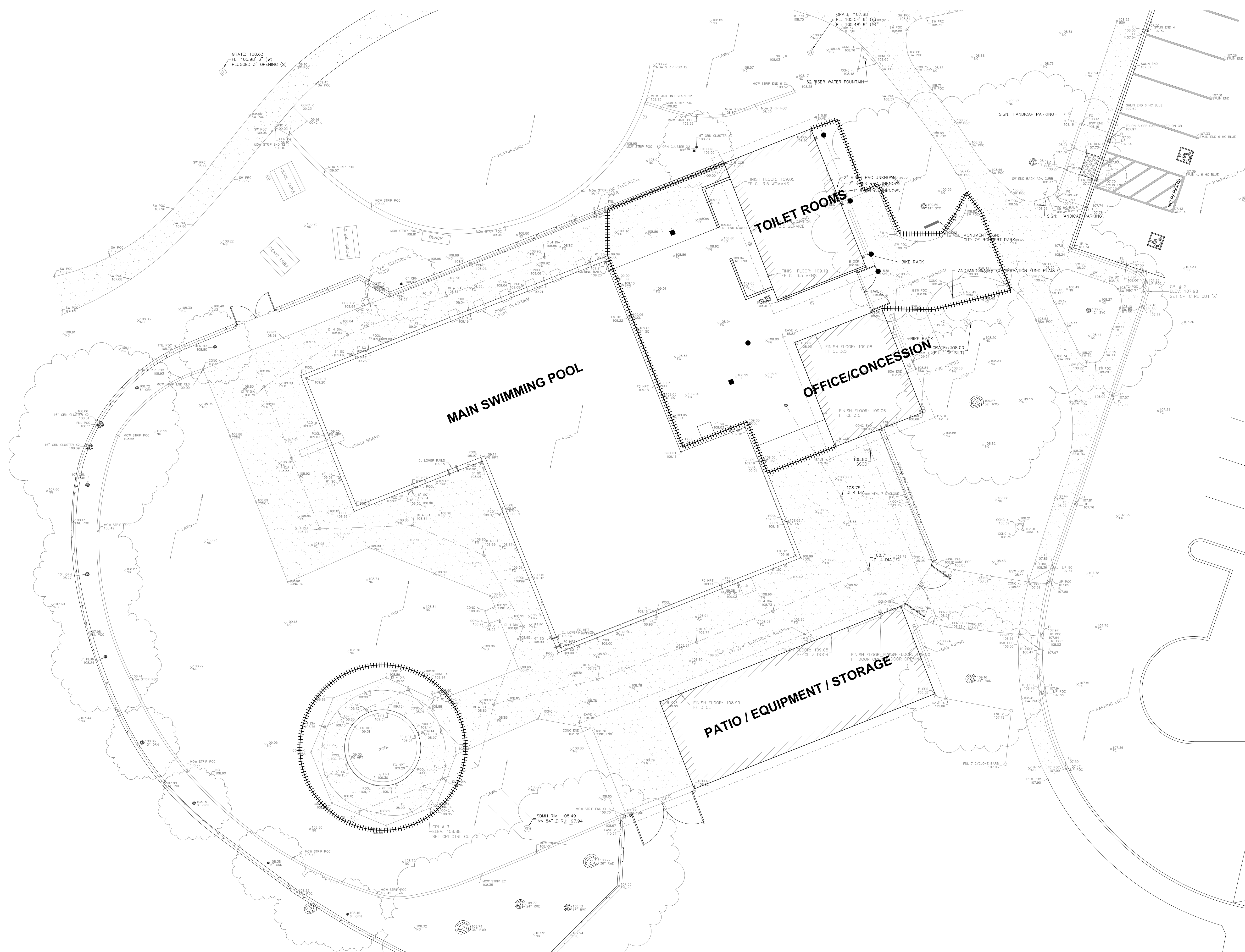


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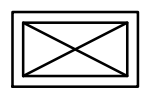
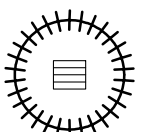
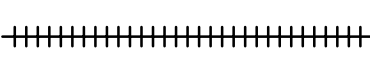

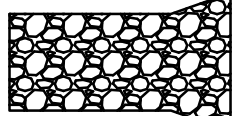


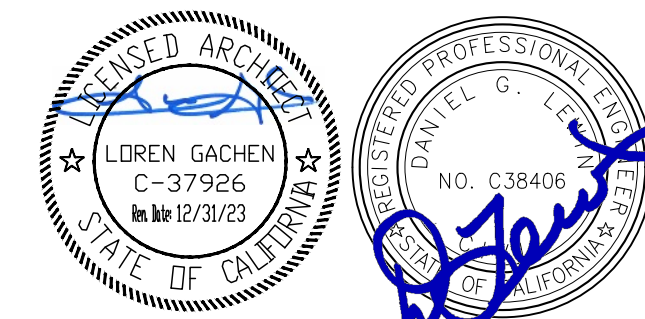
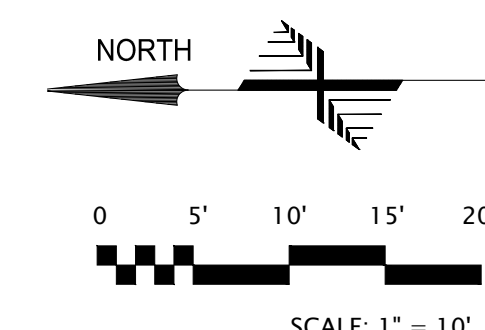
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HONEYBEE POOL RENOVATION
CITY OF ROHNERT PARK
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LEGEND

-  CONCRETE WASHOUT (DETAIL 1/C5.1)
-  CATCH BASIN PROTECTION (DETAIL 2/C5.1)
-  FIBER ROLL (DETAIL 3/C5.1)
-  CATCH BASIN PROTECTION ALONG GUTTERS (DETAIL 4/C5.1)
-  STABILIZED CONSTRUCTION ENTRANCE (DETAIL 5/C5.1)



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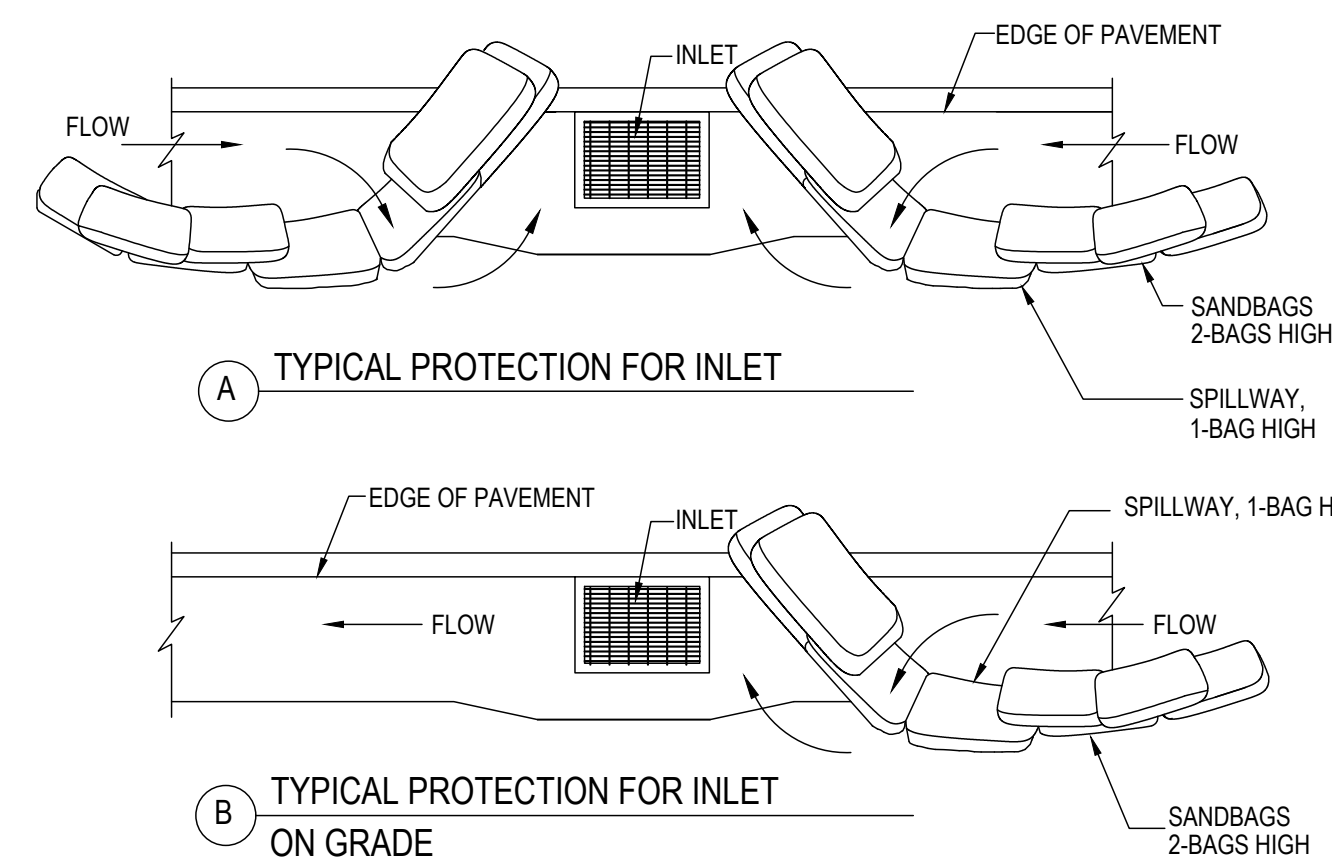
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EROSION CONTROL PLAN

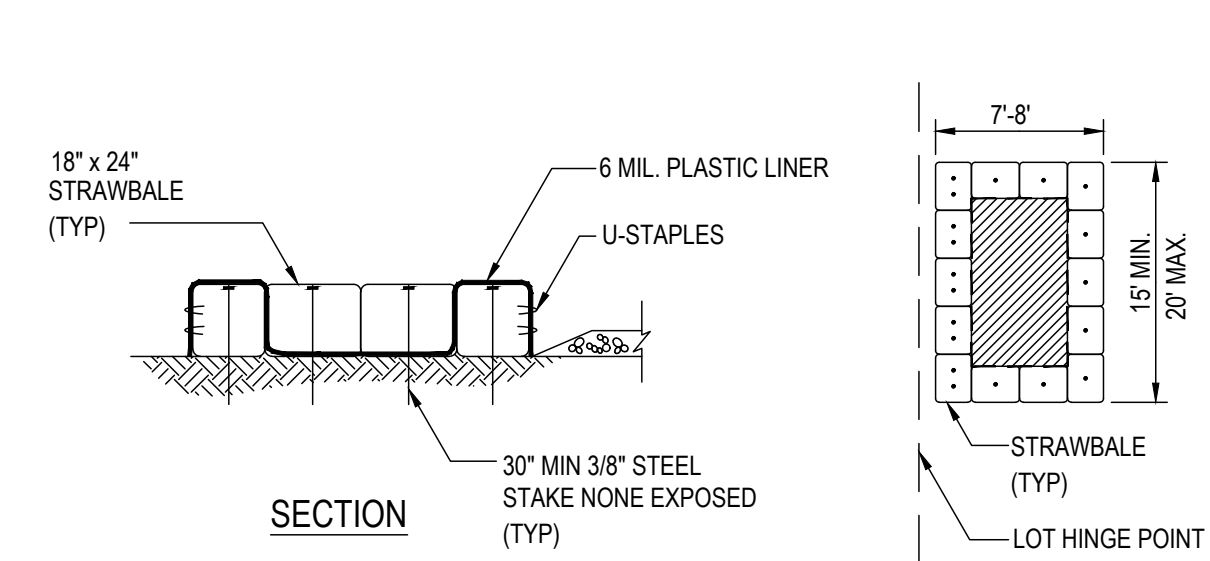
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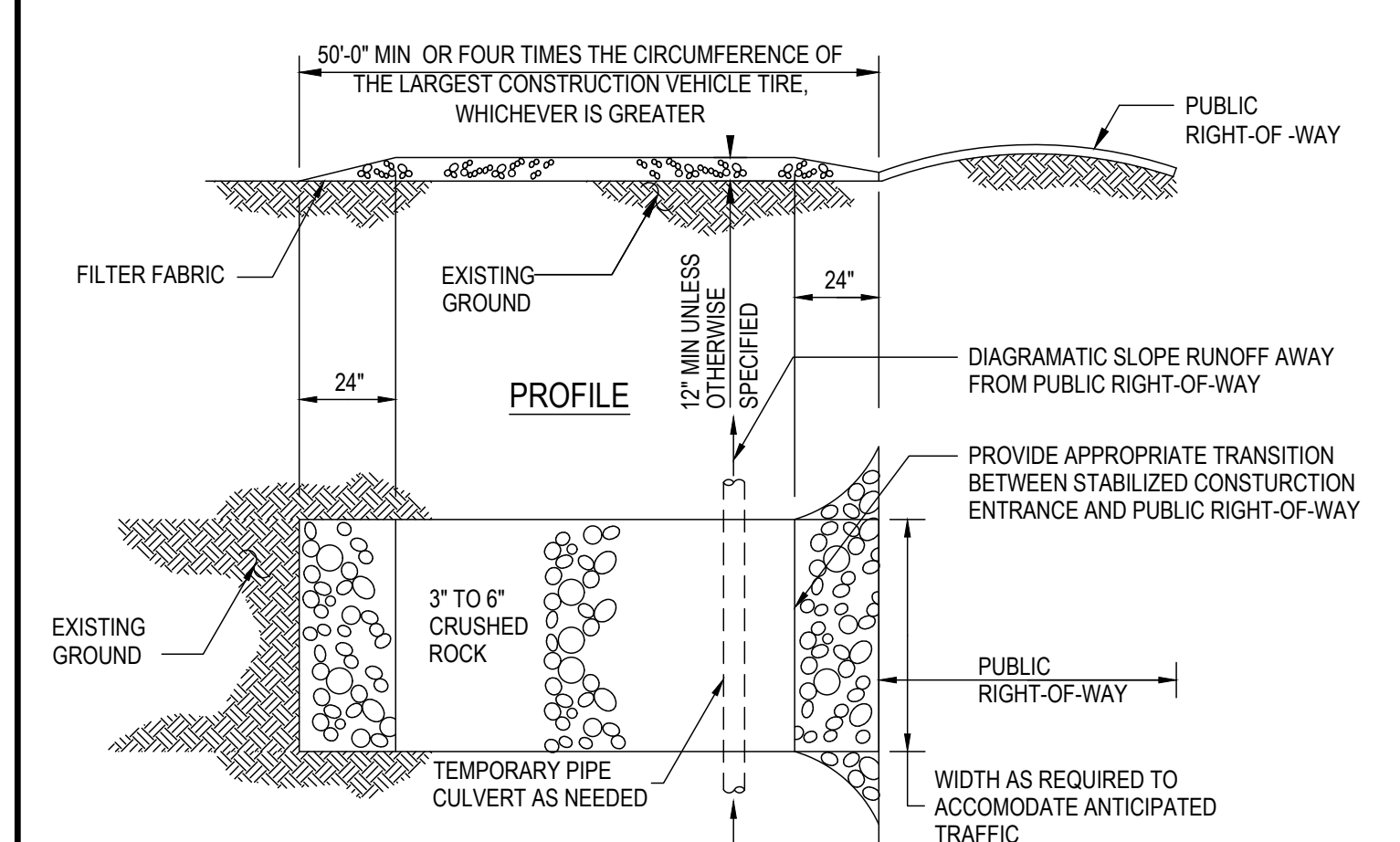


- NOTES:**
1. INTENDED FOR SHORT-TERM USE.
 2. USE TO INHIBIT NON-STORM WATER FLOW.
 3. ALLOW FOR PROPER MAINTENANCE AND CLEANUP.
 4. BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED.
 5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.



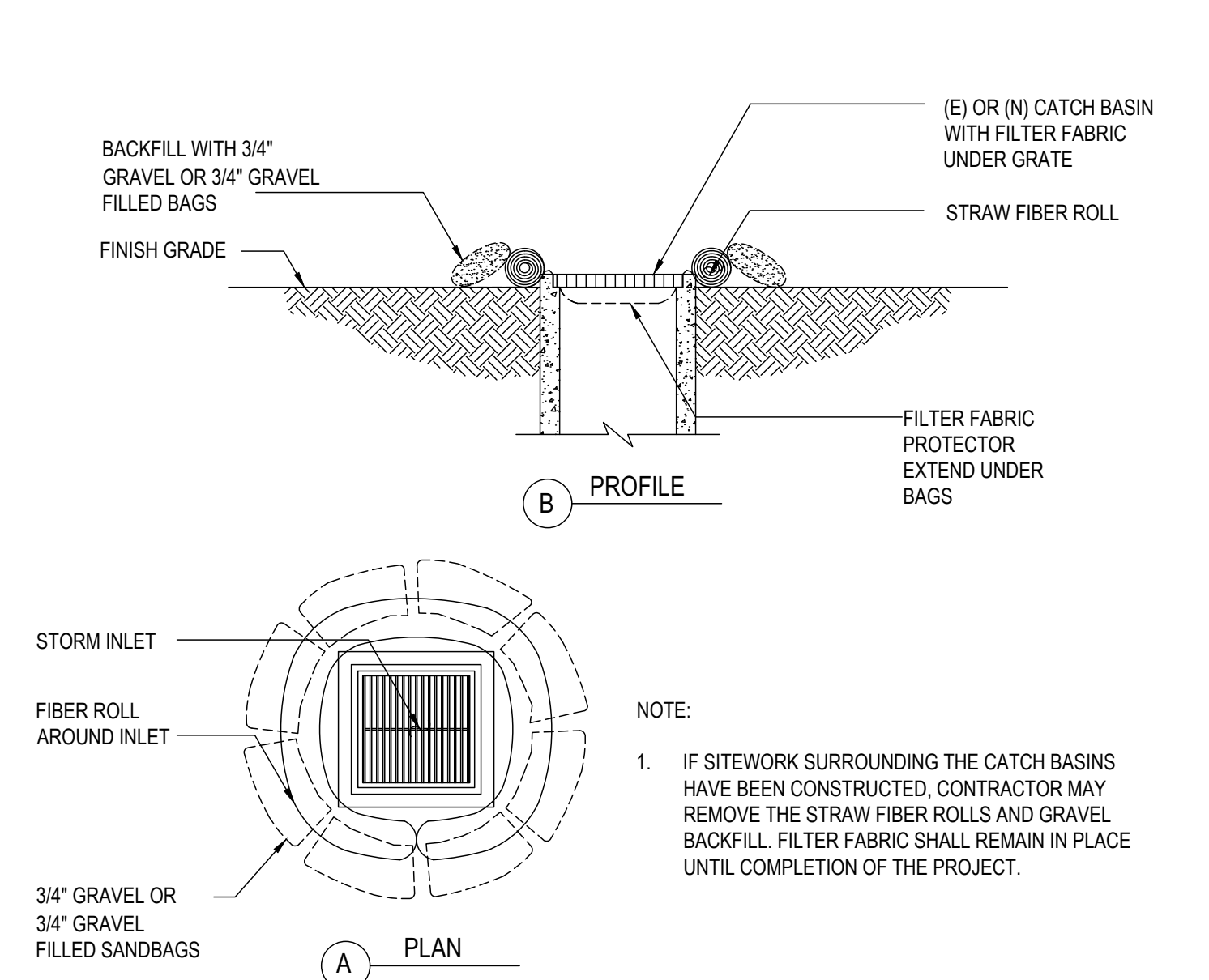
- NOTES:**
1. WHEN WASHING ON-SITE, USE DESIGNATED, BERMED WASH AREAS TO PREVENT WASHWATER CONTACT WITH STORM WATER, CREEKS, RIVERS, AND OTHER WATER BODIES. THE WASH AREA CAN BE SLOPED FOR WASH WATER COLLECTION AND SUBSEQUENT INFILTRATION INTO THE GROUND.
 2. LOCATE WASHOUT AREA AT LEAST 50 FEET FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES. DO NOT ALLOW RUNOFF FROM THIS AREA BY CONSTRUCTING A TEMPORARY PIT OR BERMED AREA LARGE ENOUGH FOR LIQUID AND SOLID WASTE.
 3. WASH OUT WASTES INTO THE TEMPORARY PIT WHERE THE CONCRETE CAN SET, BE BROKEN UP, AND THEN DISPOSED OF PROPERLY.

4 CATCH BASIN PROTECTION ALONG GUTTERS



- MAINTENANCE:**
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AND REPAIR OR CLEAN OUT OF TRAPPED SEDIMENT.
 2. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO THE PUBLIC RIGHT-OF-WAY SHALL BE REMOVED IMMEDIATELY.
 3. WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. THIS SHALL BE DONE AT AN AREA STABILIZED WITH CRUSHED STONE, WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

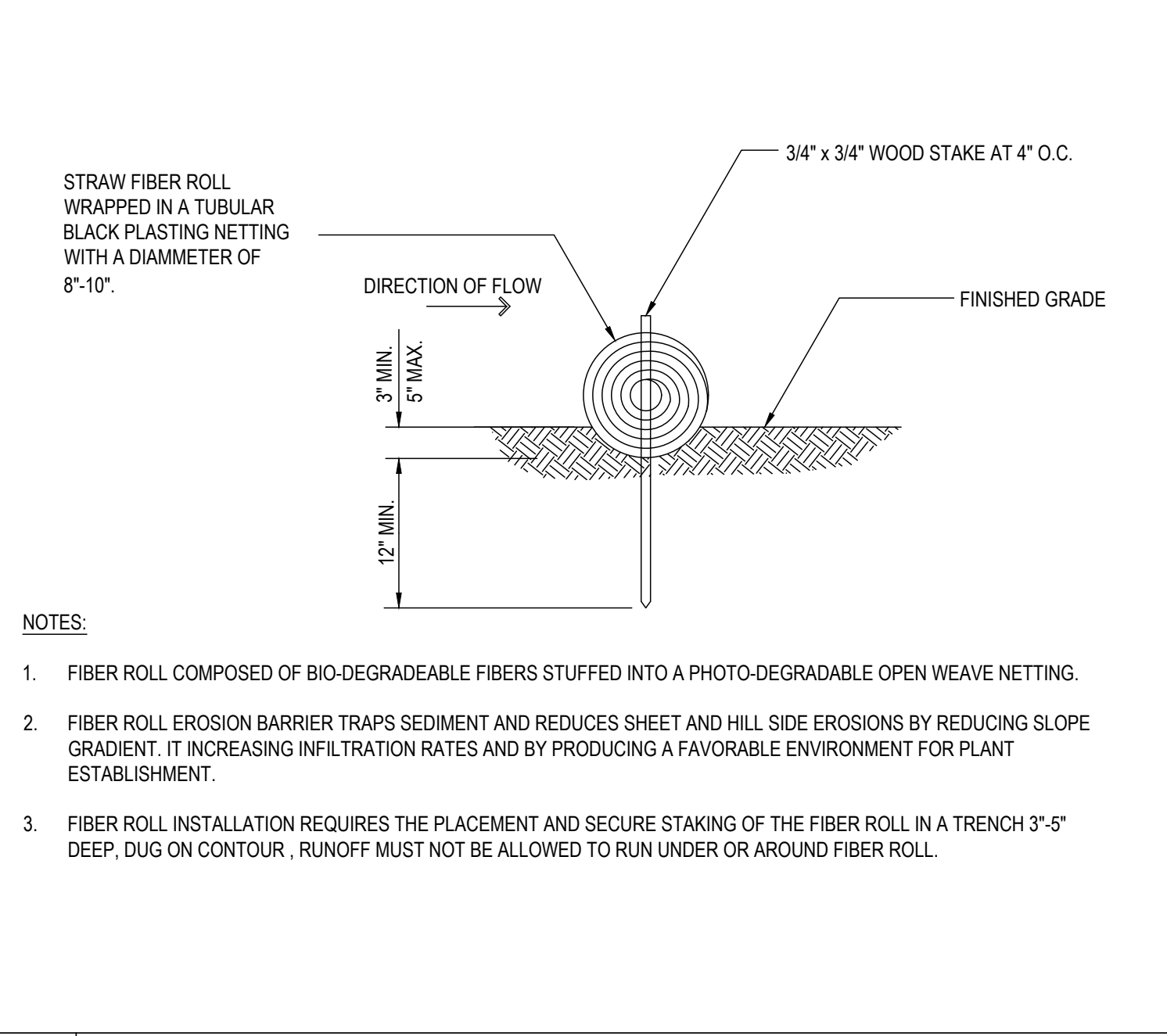
1 CONCRETE WASH AREA



- NOTE:**
1. IF SITEWORK SURROUNDING THE CATCH BASINS HAVE BEEN CONSTRUCTED, CONTRACTOR MAY REMOVE THE STRAW FIBER ROLLS AND GRAVEL BACKFILL. FILTER FABRIC SHALL REMAIN IN PLACE UNTIL COMPLETION OF THE PROJECT.

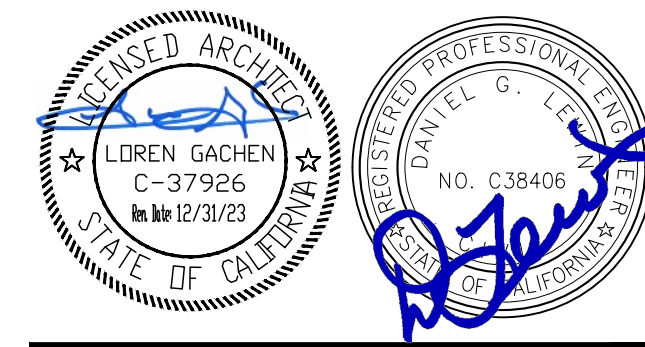
5 STABILIZED CONSTRUCTION ENTRANCE

2 CATCH BASIN PROTECTION (TYP.)



- NOTES:**
1. FIBER ROLL COMPOSED OF BIO-DEGRADABLE FIBERS STUFFED INTO A PHOTO-DEGRADABLE OPEN WEAVE NETTING.
 2. FIBER ROLL EROSION BARRIER TRAPS SEDIMENT AND REDUCES SHEET AND HILL SIDE EROSIONS BY REDUCING SLOPE GRADIENT, INCREASING INFILTRATION RATES AND BY PRODUCING A FAVORABLE ENVIRONMENT FOR PLANT ESTABLISHMENT.
 3. FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE FIBER ROLL IN A TRENCH 3'-5' DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND FIBER ROLL.

3 FIBER ROLL



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EROSION CONTROL DETAILS

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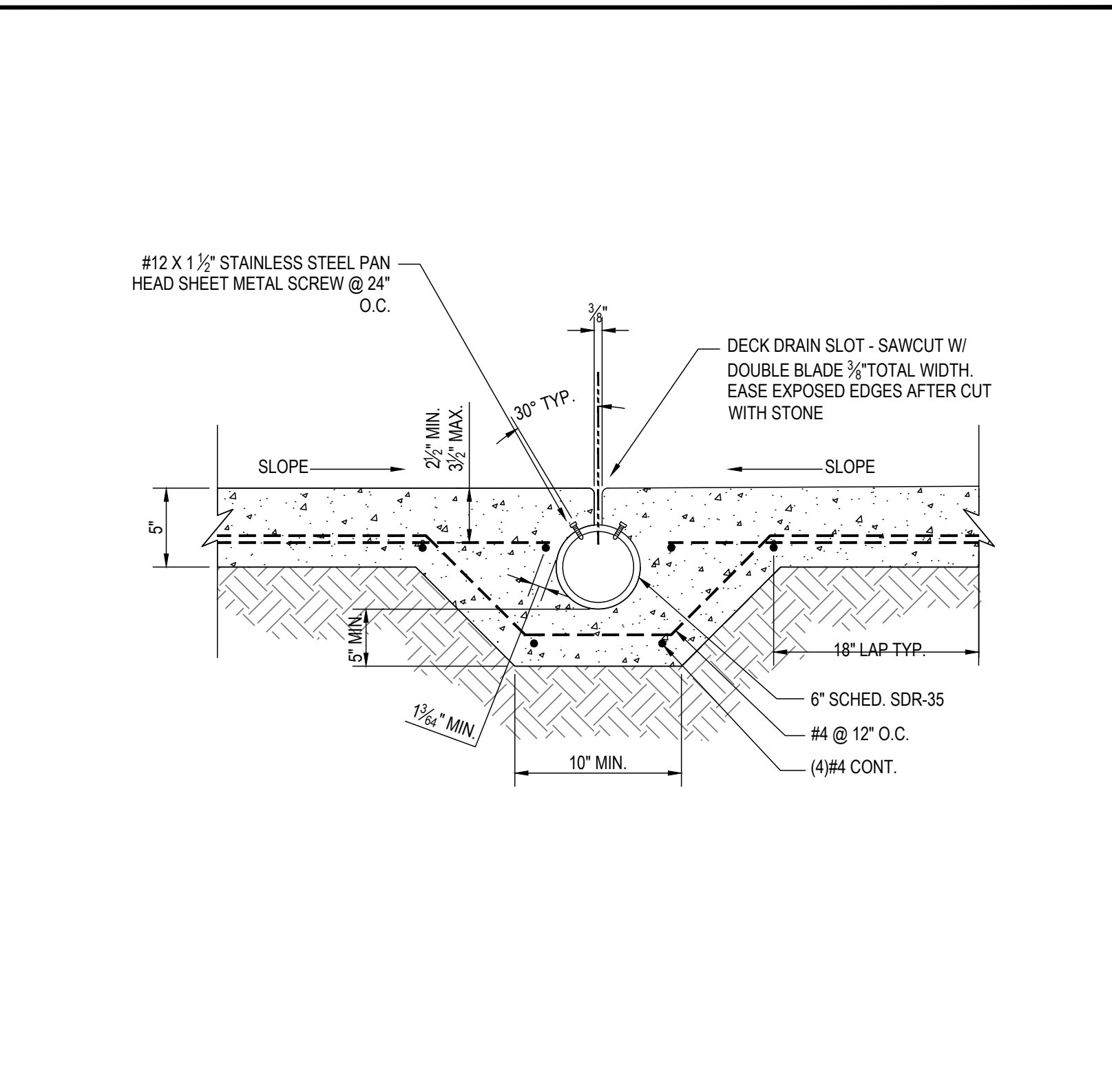
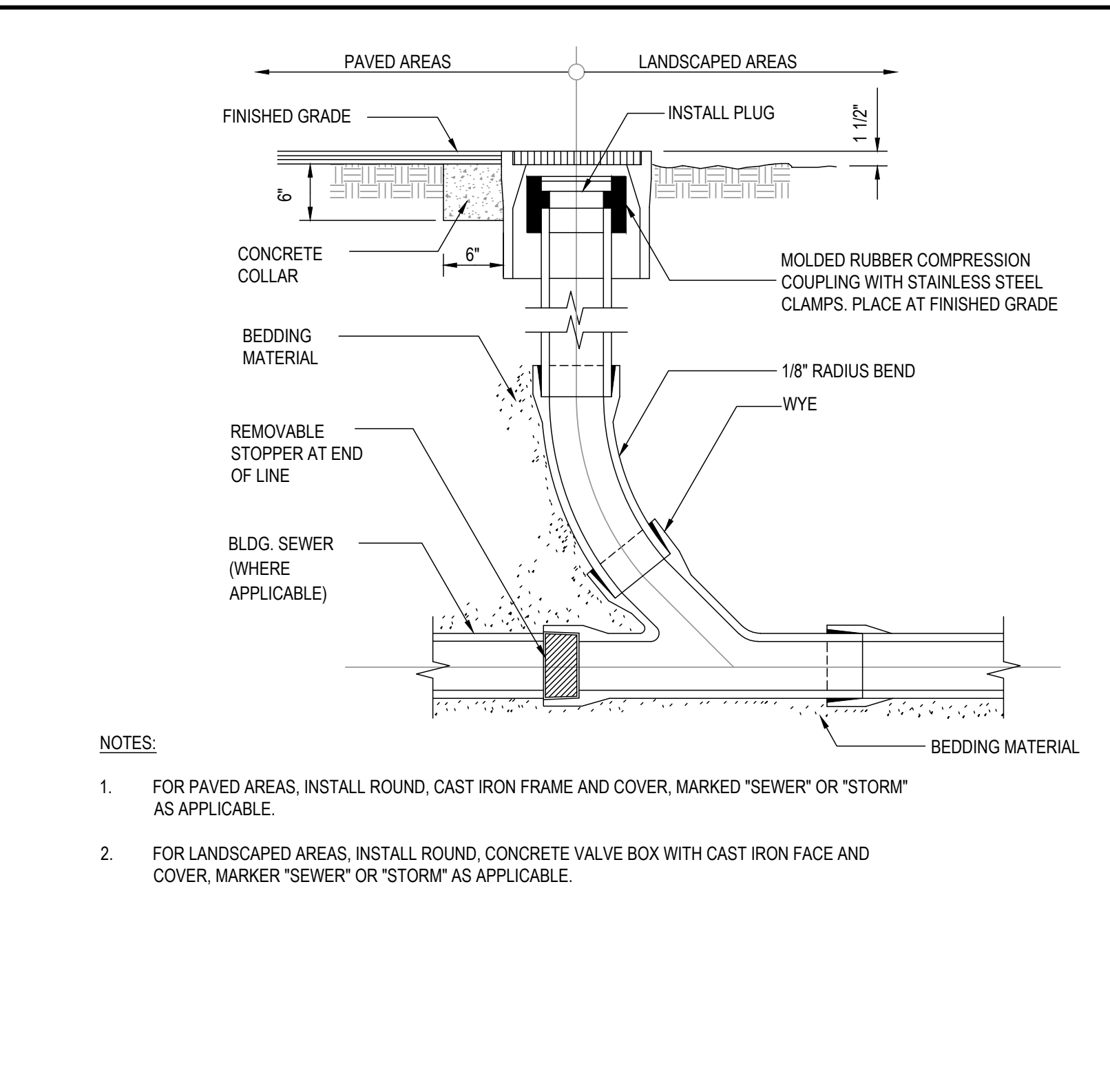
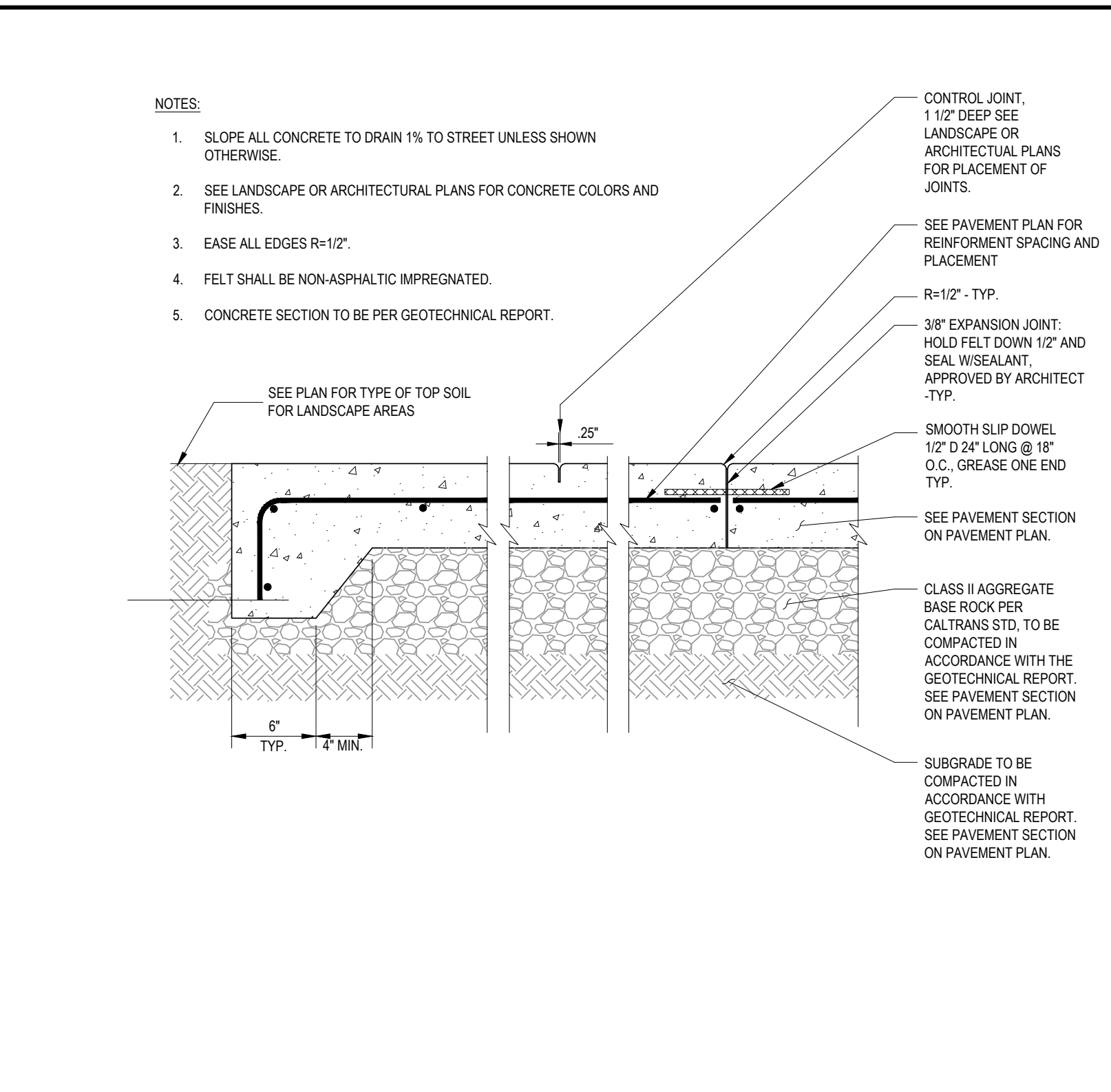
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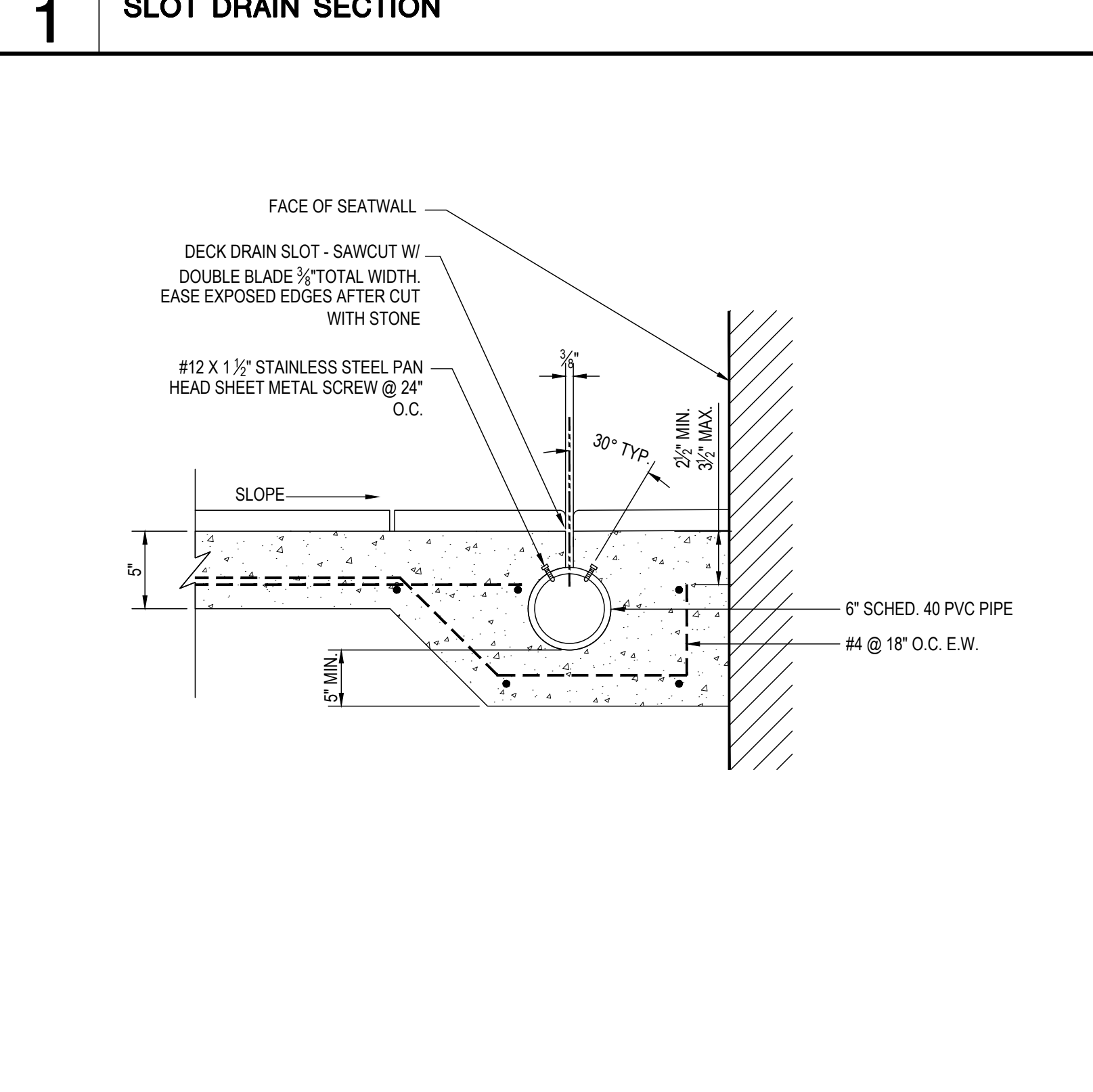
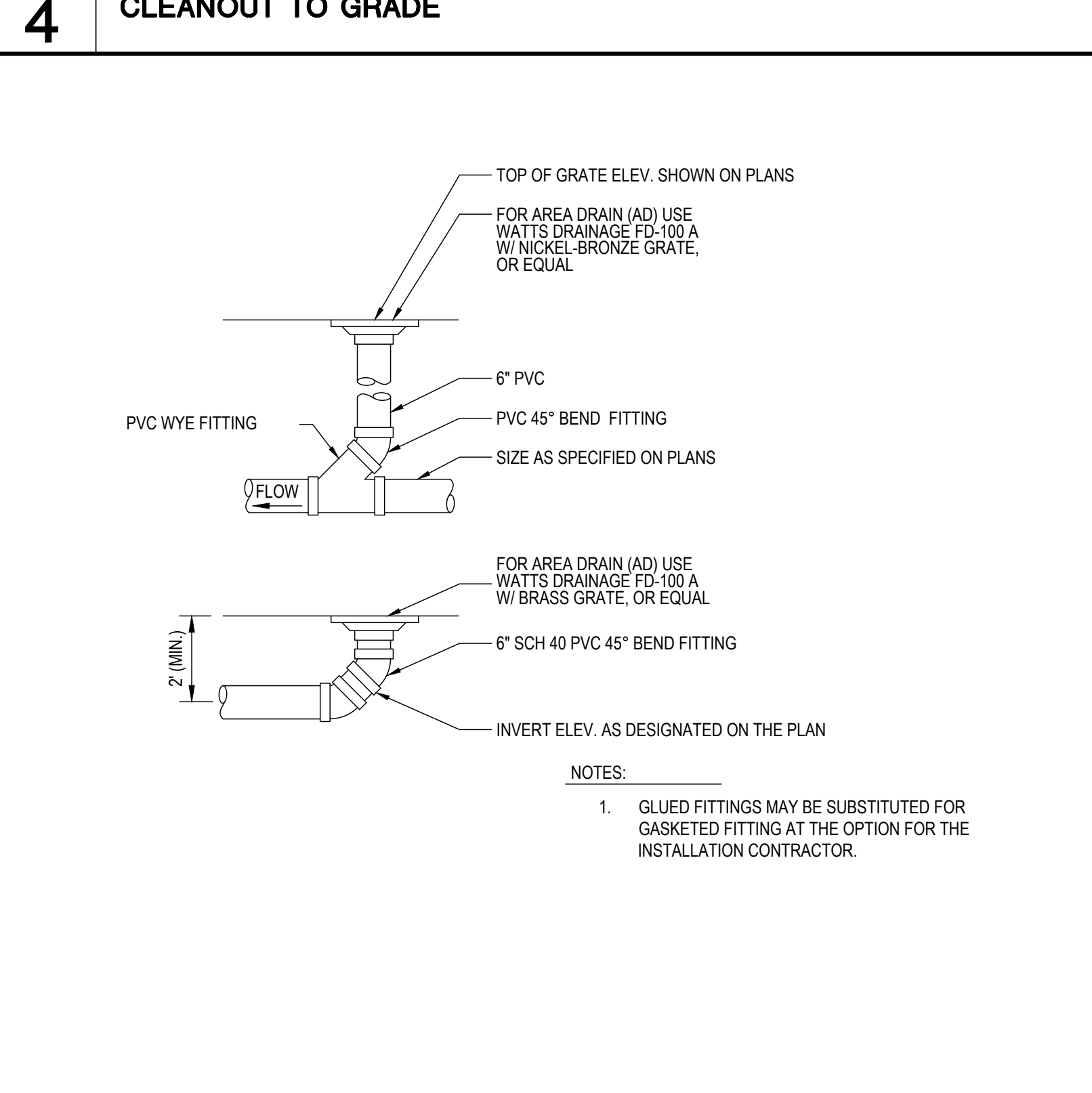
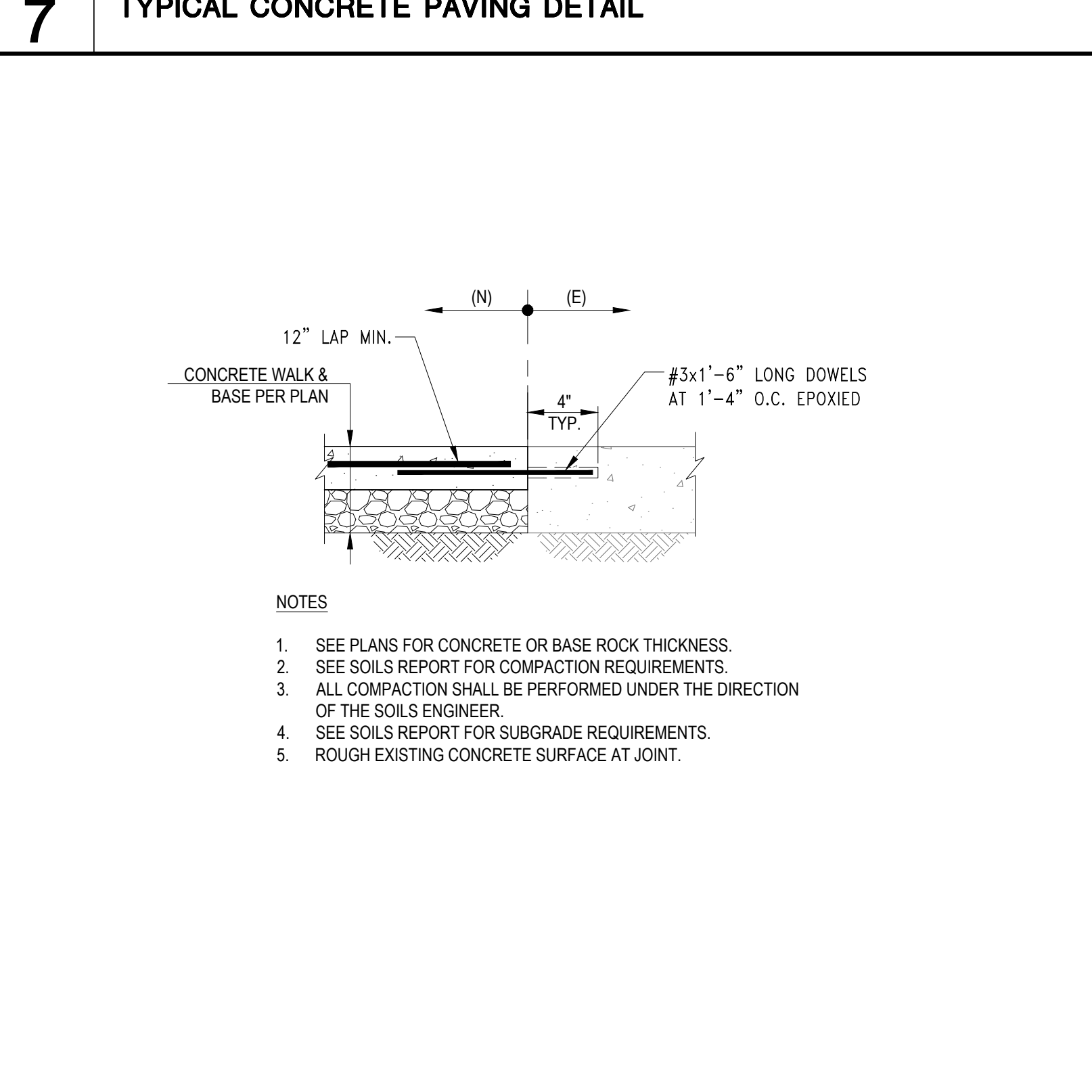
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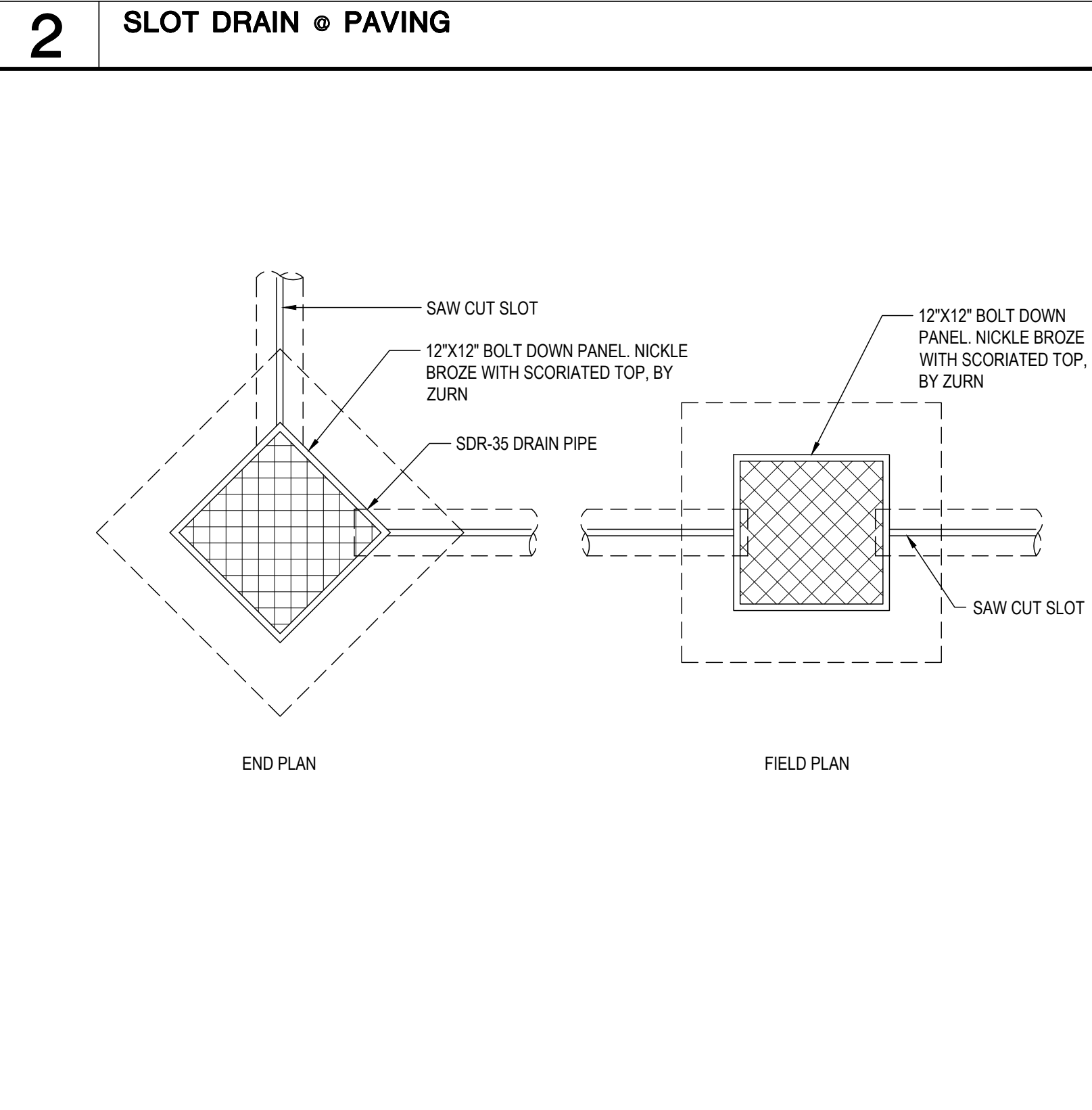
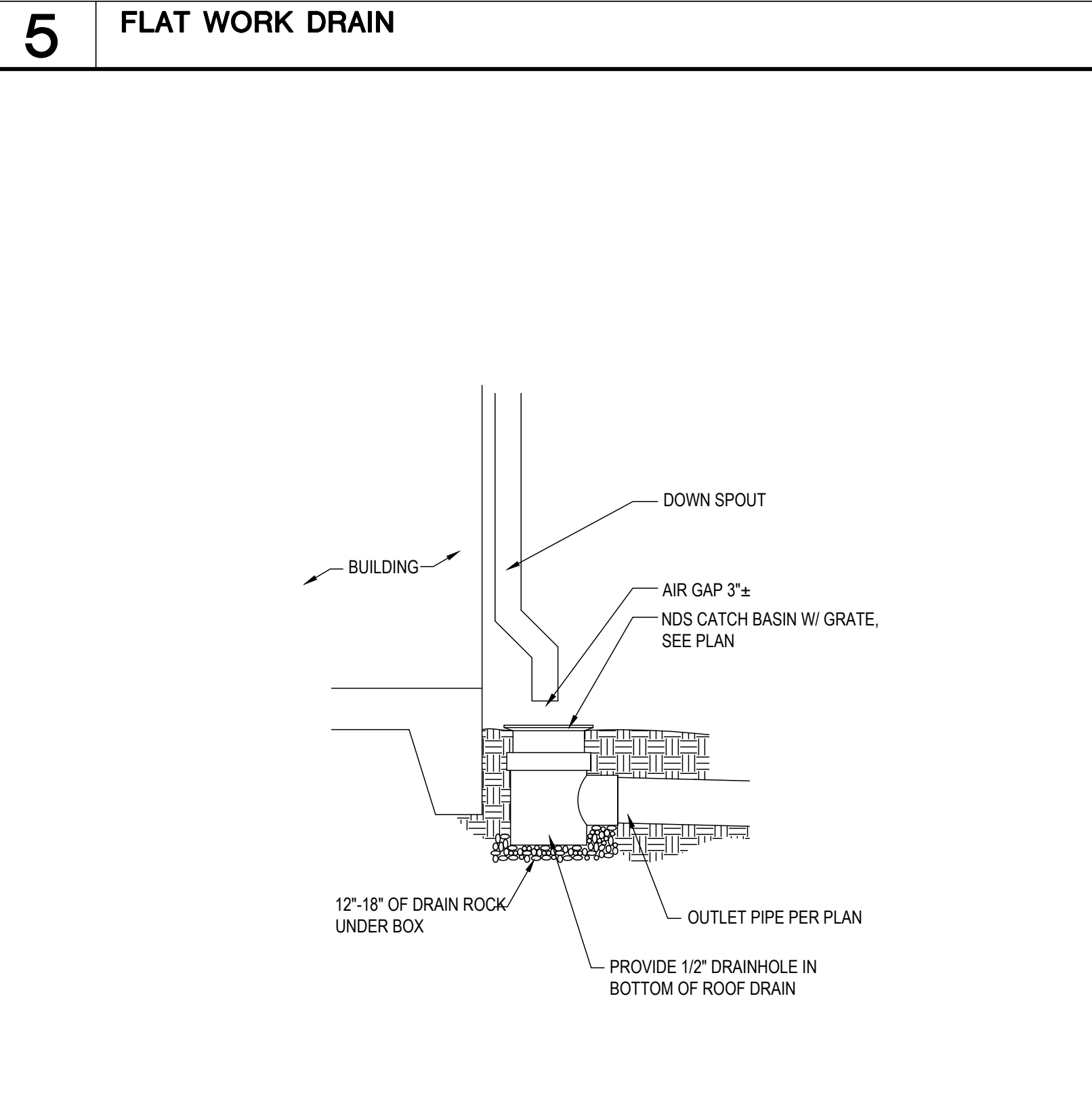
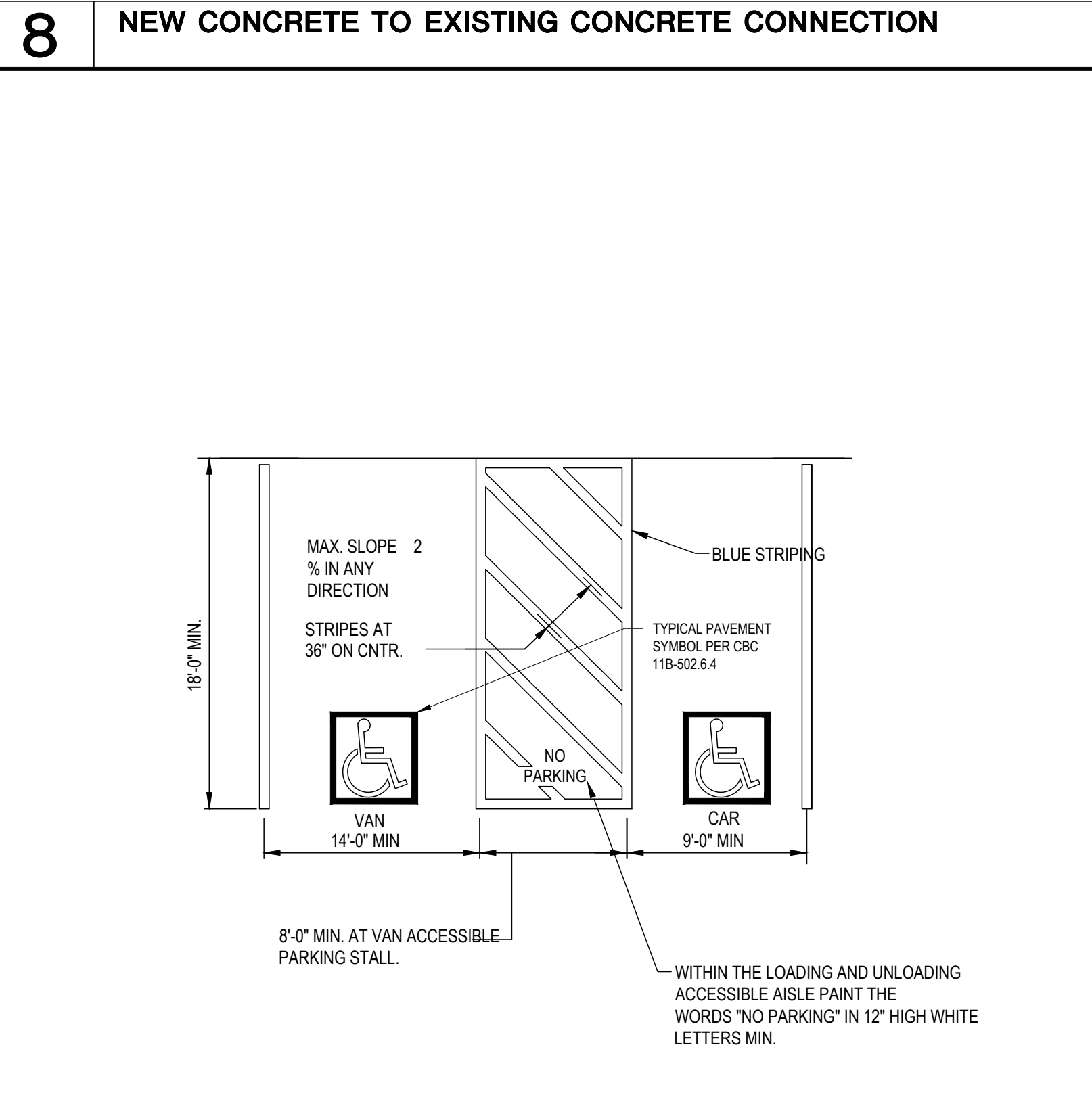
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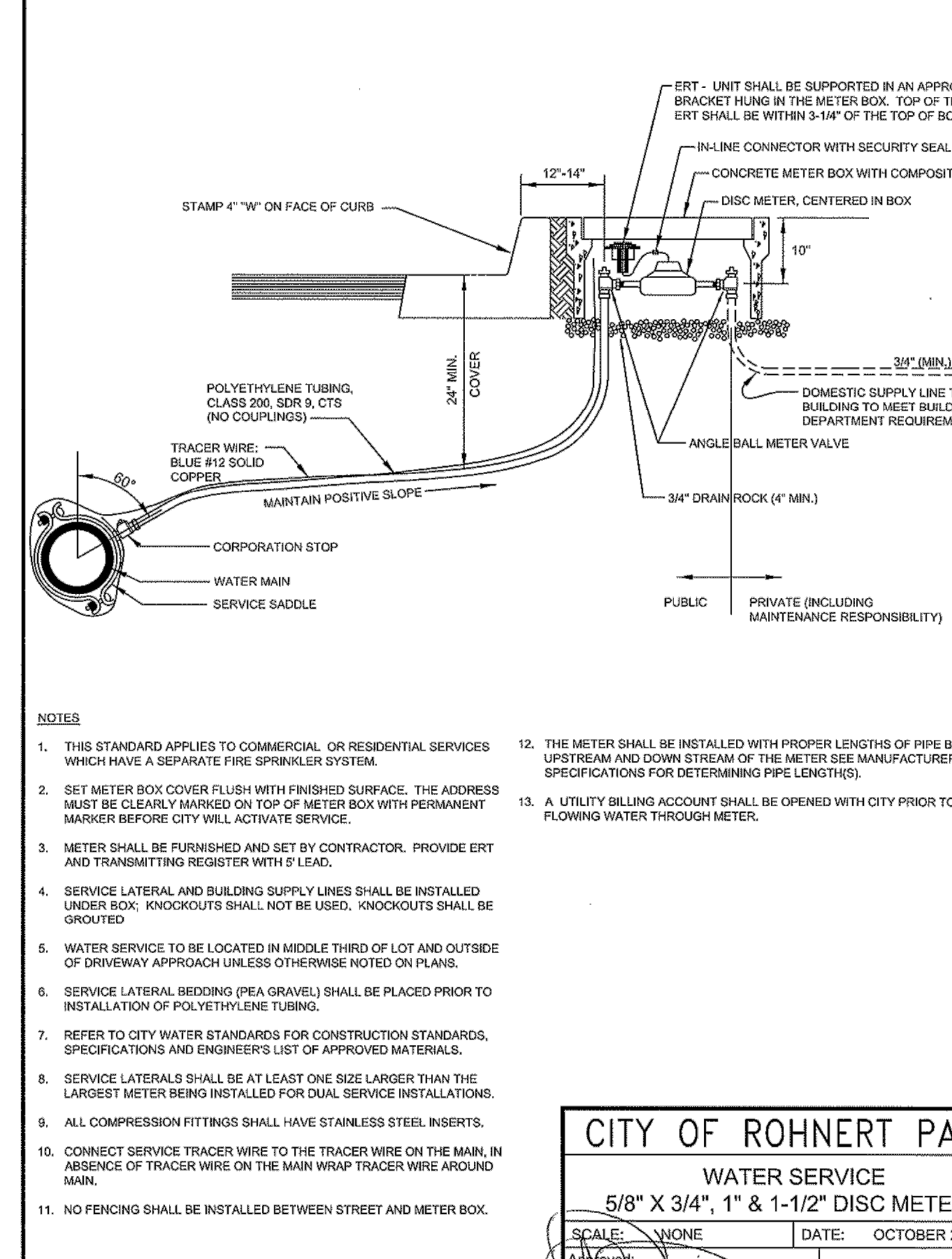
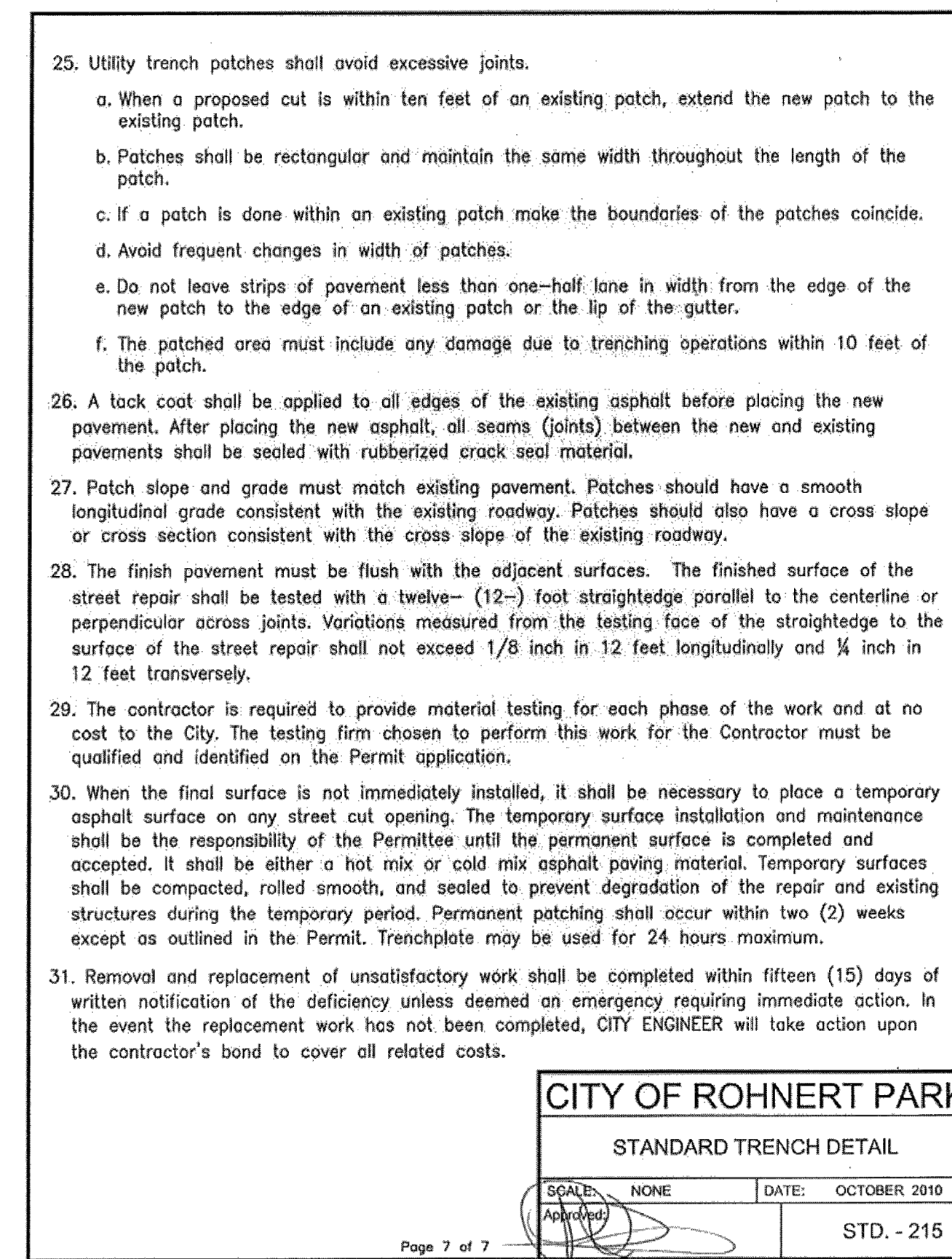
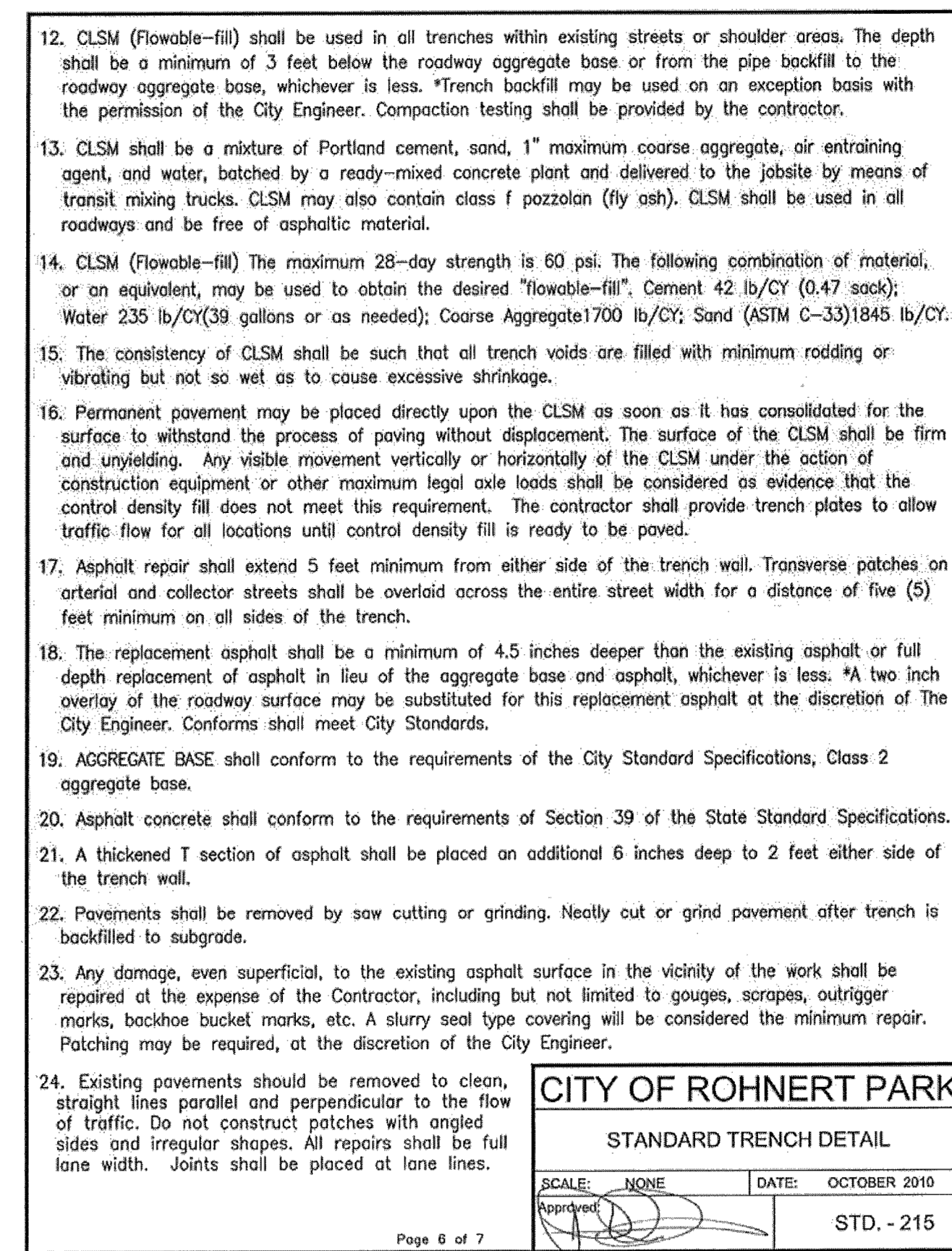
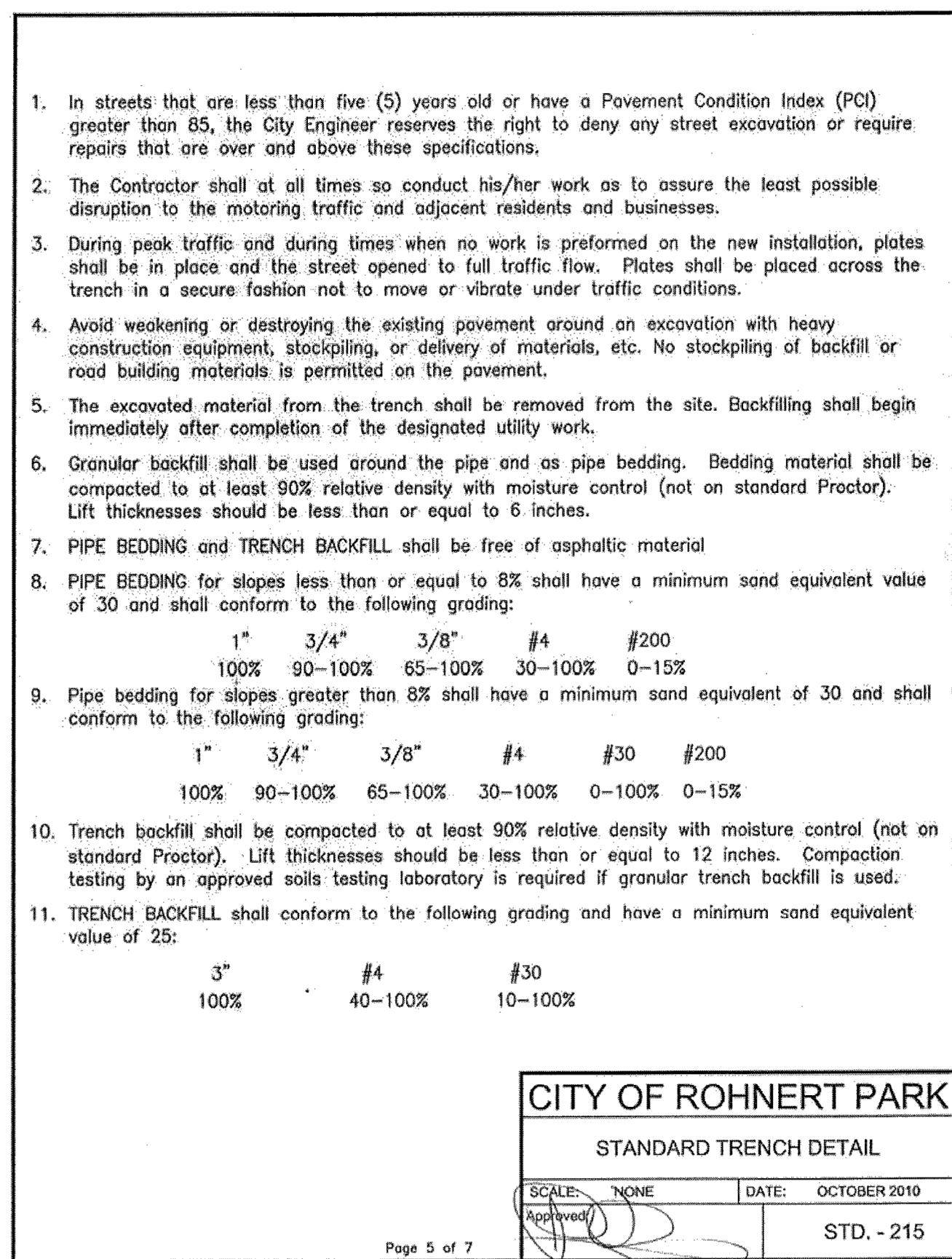
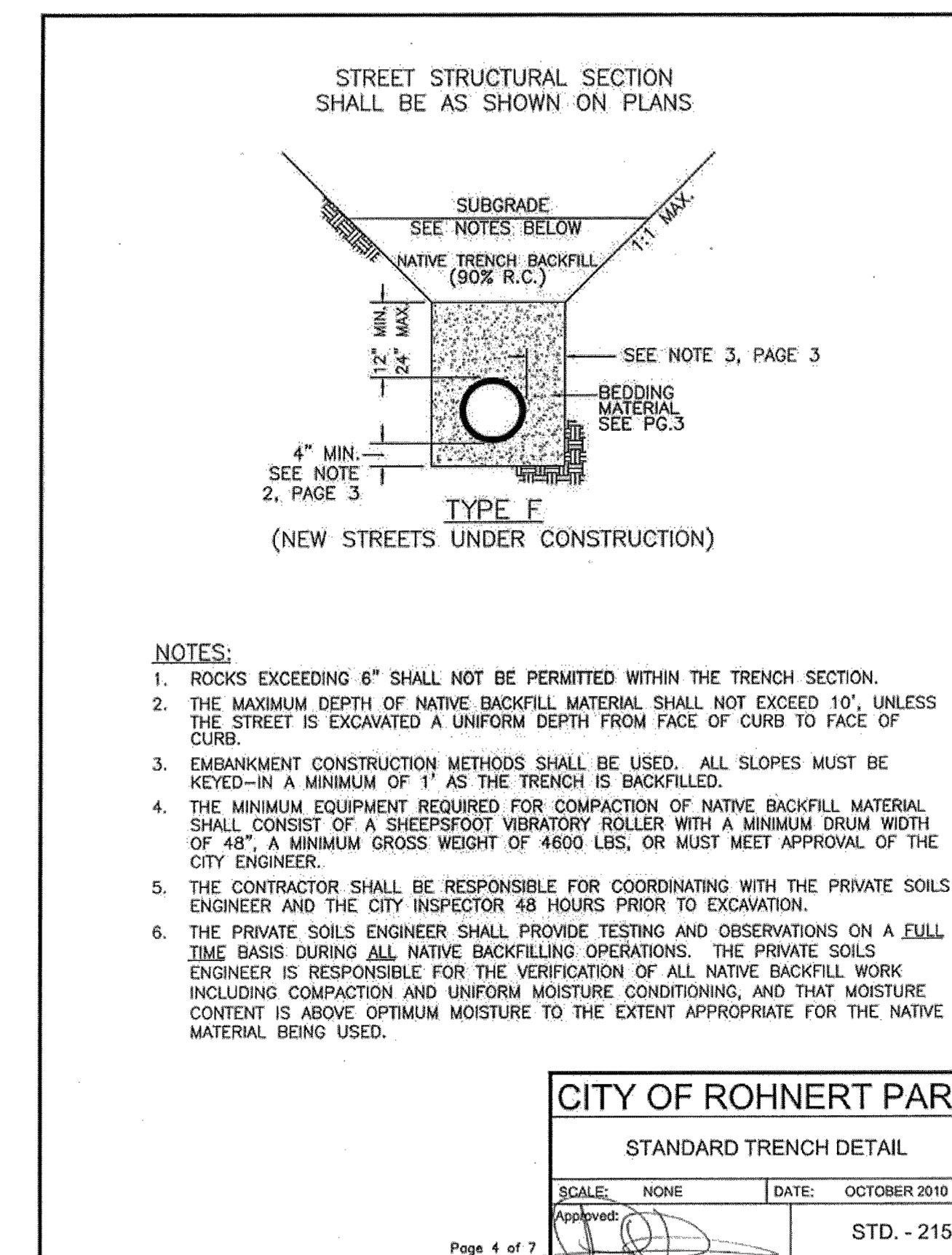
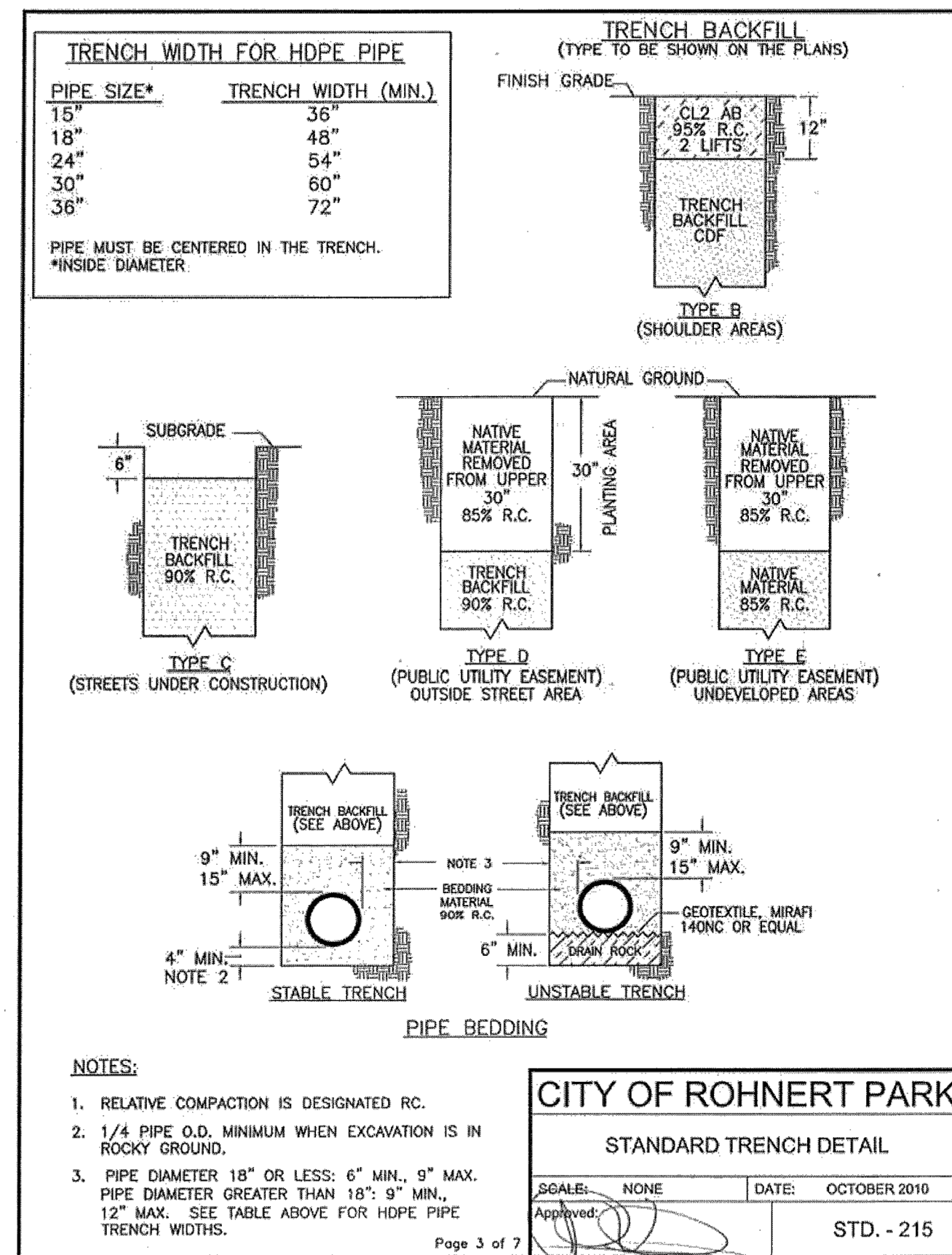
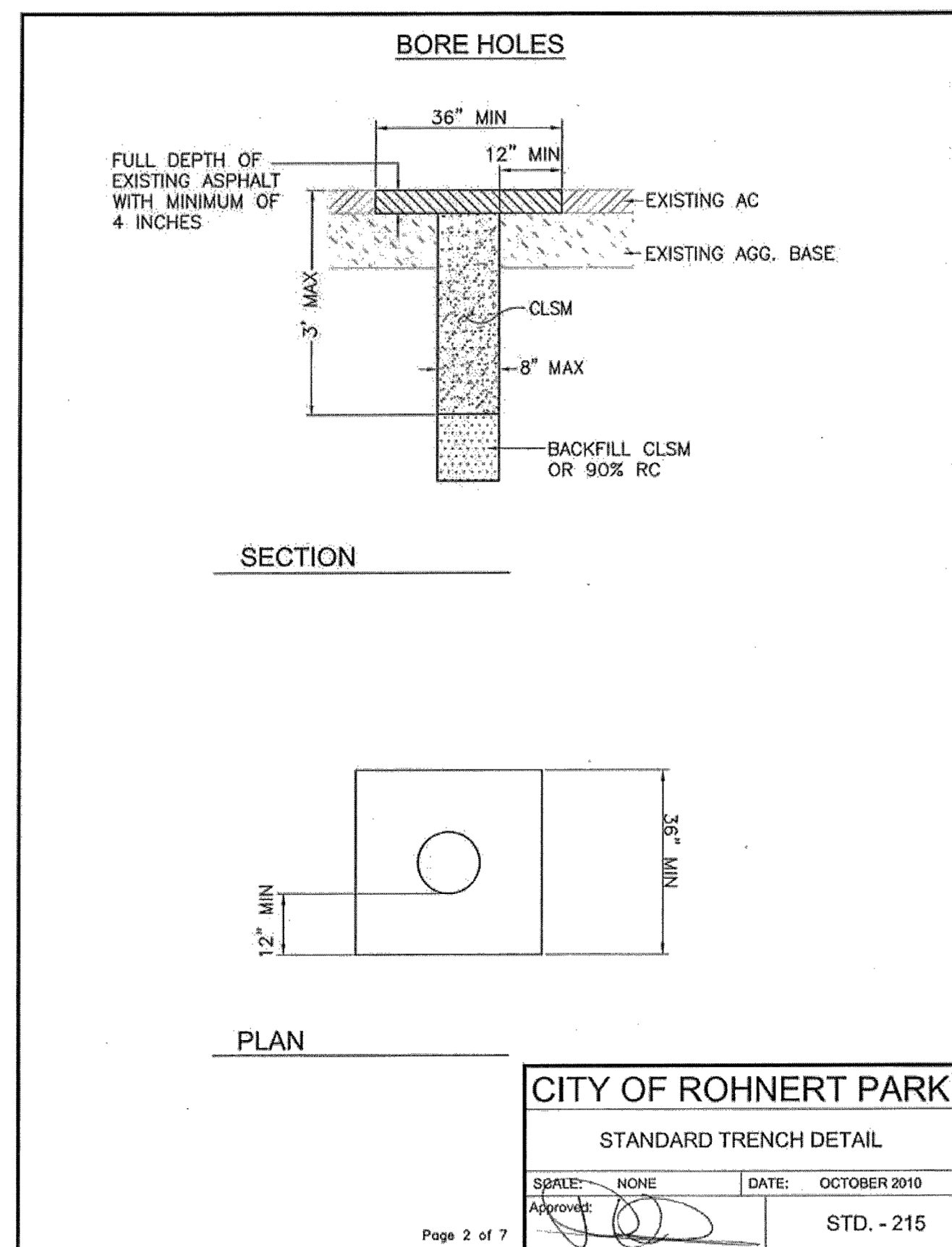
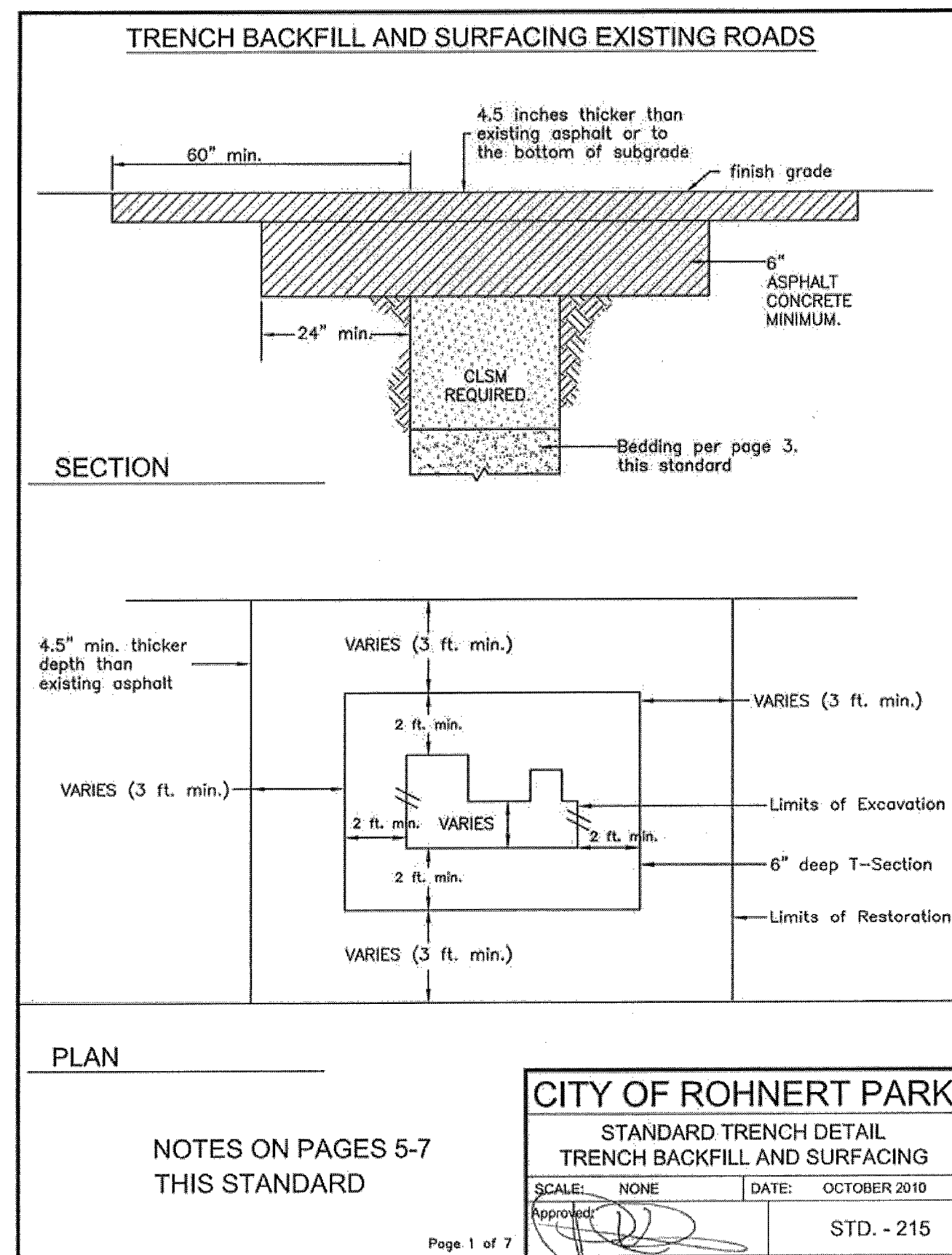
11



12



HONEYBEE POOL RENOVATION
CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



1. In streets that are less than five (5) years old or have a Pavement Condition Index (PCI) greater than 85, the City Engineer reserves the right to deny any street excavation or require repairs that are over and above these specifications.

2. The Contractor shall at all times so conduct his/her work as to assure the least possible disruption to the motoring traffic and adjacent residents and businesses.

3. During peak traffic and during times when no work is performed on the new installation, plates shall be in place and the street opened to full traffic flow. Plates shall be placed across the trench in a secure fashion not to move or vibrate under traffic conditions.

4. Avoid weakening or destroying the existing pavement around an excavation with heavy construction equipment, stockpiling, or delivery of materials, etc. No stockpiling of backfill or road building materials is permitted on the pavement.

5. The excavated material from the trench shall be removed from the site. Backfilling shall begin immediately after completion of the designated utility work.

6. Granular backfill shall be used around the pipe and as pipe bedding. Bedding material shall be compacted to at least 90% relative density with moisture control (not on standard Proctor). Lift thicknesses should be less than or equal to 6 inches.

7. PIPE BEDDING and TRENCH BACKFILL shall be free of asphaltic material

8. PIPE BEDDING for slopes less than or equal to 8% shall have a minimum sand equivalent value of 30 and shall conform to the following grading:

| | 1" | 3/4" | 3/8" | #4 | #200 |
|------|---------|---------|---------|-------|------|
| 100% | 90-100% | 65-100% | 30-100% | 0-15% | |

9. Pipe bedding for slopes greater than 8% shall have a minimum sand equivalent of 30 and shall conform to the following grading:

| | 1" | 3/4" | 3/8" | #4 | #30 | #200 |
|------|---------|---------|---------|--------|-------|------|
| 100% | 90-100% | 65-100% | 30-100% | 0-100% | 0-15% | |

10. Trench backfill shall be compacted to at least 90% relative density with moisture control (not on standard Proctor). Lift thicknesses should be less than or equal to 12 inches. Compaction testing by an approved soils testing laboratory is required if granular trench backfill is used.

11. TRENCH BACKFILL shall conform to the following grading and have a minimum sand equivalent value of 25:

| | 3" | #4 | #30 |
|------|---------|---------|-----|
| 100% | 40-100% | 10-100% | |

12. CLSM (Flowable-fill) shall be used in all trenches within existing streets or shoulder areas. The depth shall be a minimum of 3 feet below the roadway aggregate base or from the pipe backfill to the roadway aggregate base, whichever is less. "Trench backfill" may be used on an exception basis with the permission of the City Engineer. Compaction testing shall be provided by the contractor.

13. CLSM shall be a mixture of Portland cement, sand, 1" maximum coarse aggregate, air entraining agent, and water, batched by a ready-mixed concrete plant and delivered to the jobsite by means of trench mixing trucks. CLSM may also contain class 1 pazzolon (fly ash). CLSM shall be used in all roadways and be free of asphaltic material.

14. CLSM (Flowable-fill) The maximum 28-day strength is 60 psi. The following combination of material, or an equivalent, may be used to obtain the desired "flowable-fill", Cement 42 lb/CY (0.47 sack); Water 235 lb/CY(39 gallons or as needed); Coarse Aggregate 1700 lb/CY; Sand (ASTM C-33) 1845 lb/CY.

15. The consistency of CLSM shall be such that all trench voids are filled with minimum rodding or vibrating but not so wet as to cause excessive shrinkage.

16. Permanent pavement may be placed directly upon the CLSM as soon as it has consolidated for the surface to withstand the process of paving without displacement. The surface of the CLSM shall be firm and unyielding. Any visible movement vertically or horizontally of the CLSM under the action of construction equipment or other maximum legal axle loads shall be considered as evidence that the control density fill does not meet this requirement. The contractor shall provide trench plates to allow traffic flow for all locations until control density fill is ready to be paved.

17. Asphalt repair shall extend 5 feet minimum from either side of the trench wall. Transverse patches on arterial and collector streets shall be overlaid across the entire street width for a distance of five (5) feet minimum on all sides of the trench.

18. The replacement asphalt shall be a minimum of 4.5 inches deeper than the existing asphalt or full depth replacement of asphalt in lieu of the aggregate base and asphalt, whichever is less. A two inch overlay of the roadway surface may be substituted for this replacement asphalt at the discretion of the City Engineer. Conforms shall meet City Standards.

19. AGGREGATE BASE shall conform to the requirements of the City Standard Specifications, Class 2 aggregate base.

20. Asphalt concrete shall conform to the requirements of Section 39 of the State Standard Specifications.

21. A thickened T section of asphalt shall be placed an additional 6 inches deep to 2 feet either side of the trench wall.

22. Pavements shall be removed by saw cutting or grinding. Neatly cut or grind pavement after trench is backfilled to subgrade.

23. Any damage, even superficial, to the existing asphalt surfaces in the vicinity of the work shall be repaired at the expense of the Contractor, including but not limited to gouges, scrapes, outdrigger marks, backhoe bucket marks, etc. A slurry seal type covering will be considered the minimum repair. Patching may be required, at the discretion of the City Engineer.

24. Existing pavements should be removed to clean, straight lines parallel and perpendicular to the flow of traffic. Do not construct patches with angled sides and irregular shapes. All repairs shall be full lane width. Joints shall be placed at lane lines.

25. Utility trench patches shall avoid excessive joints.

a. When a proposed cut is within ten feet of an existing patch, extend the new patch to the existing patch.

b. Patches shall be rectangular and maintain the same width throughout the length of the patch.

c. If a patch is done within an existing patch make the boundaries of the patches coincide.

d. Avoid frequent changes in width of patches.

e. Do not leave strips of pavement less than one-half lane in width from the edge of the new patch to the edge of an existing patch or the lip of the gutter.

f. The patched area must include any damage due to trenching operations within 10 feet of the patch.

26. A tack coat shall be applied to all edges of the existing asphalt before placing the new pavement. After placing the new asphalt, all seams (joints) between the new and existing pavements shall be sealed with rubberized crack seal material.

27. Patch slope and grade must match existing pavement. Patches should have a smooth longitudinal grade consistent with the existing roadway. Patches should also have a cross slope or cross section consistent with the cross slope of the existing roadway.

28. The finish pavement must be flush with the adjacent surfaces. The finished surface of the street repair shall be tested with a twelve- (12-) foot straightedge parallel to the centerline or perpendicular across joints. Variations measured from the testing face of the straightedge to the surface of the street repair shall not exceed 1/8 inch in 12 feet longitudinally and 1/4 inch in 12 feet transversely.

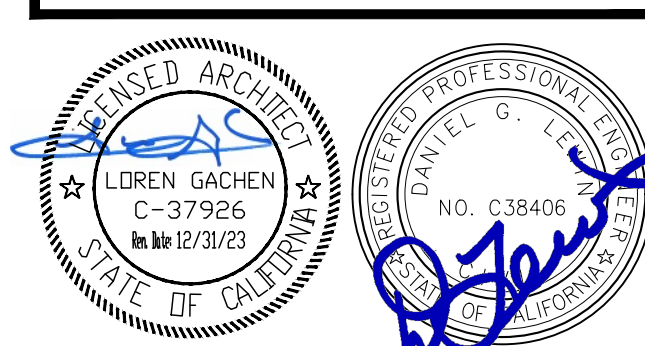
29. The contractor is required to provide material testing for each phase of the work and at no cost to the City. The testing firm to perform this work for the Contractor must be qualified and identified on the Permit application.

30. When the final surface is not immediately installed, it shall be necessary to place a temporary asphalt surface on any street cut opening. The temporary surface installation and maintenance shall be the responsibility of the Permittee until the permanent surface is completed and accepted. It shall be either a hot mix or cold mix asphalt paving material. Temporary surfaces shall be compacted, rolled smooth, and sealed to prevent degradation of the repair and existing structures during the temporary period. Permanent patching shall occur within two (2) weeks except as outlined in the Permit. Trenchplates may be used for 24 hours maximum.

31. Removal and replacement of unsatisfactory work shall be completed within fifteen (15) days of written notification of the deficiency unless deemed an emergency requiring immediate action. In the event the replacement work has not been completed, CITY ENGINEER will take action upon the contractor's bond to cover all related costs.

NOTES:

- THIS STANDARD APPLIES TO COMMERCIAL OR RESIDENTIAL SERVICES WHICH HAVE A SEPARATE FIRE SPRINKLER SYSTEM.
- SET METER BOX COVER FLUSH WITH FINISHED SURFACE. THE ADDRESS MUST BE CLEARLY MARKED ON TOP OF METER BOX WITH PERMANENT MARKER BEFORE CITY WILL ACTIVATE SERVICE.
- METER SHALL BE RUMORED AND SET BY CONTRACTOR. PROVIDE ENT AND TRANSMITTER REGISTER WITH F.I. LEAD.
- SERVICE LATERAL AND BUILDING SUPPLY LINES SHALL BE INSTALLED UNDER BOX. KNOCKOUTS SHALL NOT BE USED. WOODKNOTS SHALL BE GROUNDED.
- WATER SERVICE TO BE LOCATED IN MIDDLE THIRD OF LOT AND OUTSIDE OF DRIVEWAY APPROACH UNLESS OTHERWISE NOTED ON PLANS.
- SERVICE LATERAL BEDDING (PEA GRAVEL) SHALL BE PLACED PRIOR TO INSTALLATION OF POLYETHYLENE TUBING.
- REFER TO CITY WATER STANDARDS FOR CONSTRUCTION STANDARDS, SPECIFICATIONS AND ENGINEER'S LIST OF APPROVED MATERIALS.
- SERVICE LATERALS SHALL BE AT LEAST ONE SIZE LARGER THAN THE LARGEST METER BEING INSTALLED FOR DUAL SERVICE INSTALLATIONS.
- ALL COMPRESSION FITTINGS SHALL HAVE STAINLESS STEEL INSERTS.
- CONNECT SERVICE TRACER WIRE TO THE TRACER WIRE ON THE MAIN, IN ABSENCE OF TRACER WIRE ON THE MAIN WHIP TRACER WIRE AROUND MAIN.
- NO FENCING SHALL BE INSTALLED BETWEEN STREET AND METER BOX.
- THE METER SHALL BE INSTALLED WITH PROPER LENGTHS OF PIPE BOTH UPSTREAM AND DOWN STREAM OF THE METER BOX MANUFACTURERS SPECIFICATIONS FOR DETERMINING PIPE LENGTHS.
- A UTILITY BILLING ACCOUNT SHALL BE OPENED WITH CITY PRIOR TO FLOWING WATER THROUGH METER.



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STRUCTURAL & CIVIL ENGINEERS
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Palo Alto, CA 94306
(650) 617-9930

CITY OF ROHNERT PARK
WATER SERVICE
5/8" X 3/4", 1" & 1-1/2" DISC METERS
SCALE: NONE DATE: OCTOBER 2010
Approved: [Signature] STD. - 863B

VANESSA GARRETT P.E. CE#4141 DATE
CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO. | DATE | BY | DESCRIPTION |
| 1 | 5/25/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |

DRAWN: BKB CHECKED: BJH
DATE: 02/25/2022 SCALE:
PROJECT NUMBER: 2010200

DETAILS

DRAWING NUMBER: **C6.1**

DISCLAIMER: TOPOGRAPHIC INFORMATION, INCLUDING PROPERTY LINES, EASEMENTS, EXISTING GRADES, EXISTING UTILITIES LOCATIONS, ETC., SHOWN ARE FOR GENERAL REFERENCE ONLY AND HAVE BEEN PROVIDED BY OTHERS AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY HOBBACH-LEWIN, INC.

SYMBOL LEGEND

| WALL TYPES IN PLAN | | |
|--------------------|-----------------------|-----------|
| SYMBOLS | DESCRIPTION | REFERENCE |
| | NON-BEARING PARTITION | |
| | BEARING WALL BELOW | |
| | WOOD STUD WALL | |
| | (E) WOOD STUD WALL | |

| FRAMING MARKINGS | | |
|------------------|--|-----------|
| SYMBOLS | DESCRIPTION | REFERENCE |
| | ELEVATION FROM DATUM; T INDICATES TOP OF | |
| | MECHANICAL UNIT AND MAXIMUM OPERATING WEIGHT | |
| | CHANGE IN ELEVATION | |
| | SLOPE | |
| | GRID | |
| | WORK POINT | |
| | OPENING | |
| | SLOPE | |
| | WF, HSS OR PIPE COLUMN | |

| FOUNDATION MARKINGS | | |
|---------------------|------------------------|-----------|
| SYMBOLS | DESCRIPTION | REFERENCE |
| | SPREAD FOOTING | |
| | (E) CONTINUOUS FOOTING | |
| | CONTINUOUS FOOTING | |

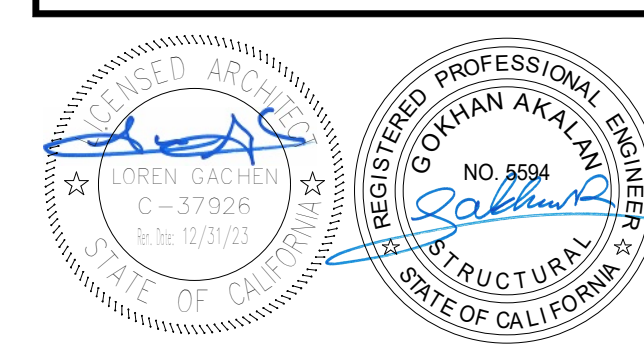
ABBREVIATIONS

| ABBREVIATION | DESCRIPTION | ABBREVIATION | DESCRIPTION | ABBREVIATION | DESCRIPTION |
|--------------|--|--------------|---|--------------|--------------------------------|
| (E) | EXISTING | HGR | HANGER | SMD | SEE MECHANICAL DRAWINGS |
| (N) | NEW | HK | HOOK | SMRF | SPECIAL MOMENT RESISTING FRAME |
| AB | ANCHOR BOLT | HORIZ | HORIZONTAL | SMS | SHEET METAL SCREW(S) |
| ADDL | ADDITIONAL | HSB | HIGH STRENGTH BOLT | SOG | SLAB ON GRADE |
| AESS | ARCHITECTURALLY EXPOSED STRUCTURAL STEEL | HSS | HOLLOW STRUCTURAL SECTION (TUBE STEEL) | SP | SPACE |
| ALT | ALTERNATE | HT | HEIGHT | SPEC(S) | SPECIFICATION(S) |
| APPRX | APPROXIMATE | HVAC | HEATING VENTING AND AIR CONDITIONING | SQ | SQUARE |
| AR | ANCHOR ROD | ID | INSIDE DIAMETER | STAGG'D | STAGGERED |
| ARCH | ARCHITECT OR ARCHITECTURAL | IF | INSIDE FACE | STD | STANDARD |
| AVG | AVERAGE | INFO | INFORMATION | STIFF | STIFFENER |
| BF | BRACED FRAME | INT | INTERIOR | STL | STEEL |
| BLDG | BUILDING | JH | JOIST HANGER | STR | STRUCTURE |
| BLK | BLOCK | JH | JOIST HANGER | STRCTL | STRUCTURAL |
| BLKG | BLOCKING | JST(S) | JOIST(S) | SYMM | SYMMETRICAL |
| BM | BEAM | JT | JOINT | T&B | TOP AND BOTTOM |
| BOT | BOTTOM | LBS | POUNDS | T&G | TONGUE AND GROOVE |
| BRDG | BRIDGING | LL | LIVE LOAD | TD | TIE DOWN |
| BRG | BEARING | LLH | LONG LEG HORIZONTAL | TEMP | TEMPERATURE OR TEMPORARY |
| BTWN | BETWEEN | LLV | LONG LEG VERTICAL | THK | THICK OR THICKNESS |
| CIP | CAST-IN-PLACE | LOC | LOCATION | THR'D | THREADED |
| CJ | CONTROL/CONSTRUCTION JOINT | LONG | LONGITUDINAL | TO | TOP OF |
| CJP | COMPLETE JOINT PENETRATION | LSL | LAMINATED STRAND LUMBER | TRANSV | TRANSVERSE |
| CL | CENTER LINE | LVL | LAMINATED VENEER LUMBER | TYP | TYPICAL |
| CLR | CLEAR OR CLEARANCE | LW | LIGHTWEIGHT | UON | UNLESS OTHERWISE NOTED |
| CMU | CONCRETE MASONRY UNIT | LWC | LIGHTWEIGHT CONCRETE | VERT | VERTICAL |
| COL | COLUMN | MATL | MATERIAL | VIF | VERIFY IN FIELD |
| CONC | CONCRETE | MAX | MAXIMUM | W/ | WITH |
| CONN | CONNECTION(S) | MB | UNFINISHED MACHINE BOLT | W/O | WITHOUT |
| CONST | CONSTRUCTION | MC | MOMENT CONNECTION(S) | WD | WOOD |
| CONT | CONTINUOUS | MECH | MECHANICAL | WF | WIDE FLANGE |
| CTR | CENTER | MEP | MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION | WP | WORK POINT |
| CTRD | CENTERED | MEZZ | MEZZANINE | WT | WEIGHT |
| CTRSK | COUNTERSINK | MFR | MANUFACTURER | WWR | WELDED WIRE REINFORCEMENT |
| db | DIAMETER OF BOLT OR REBAR | MID | MIDDLE | | |
| DBL | DOUBLE | MIN | MINIMUM | | |
| DCW | DEMAND CRITICAL WELD | MISC | MISCELLANEOUS | | |
| DEG | DEGREE(S) | MTL | METAL | | |
| DEMO | DEMOLISH | N/A | NOT APPLICABLE | | |
| DET | DETAIL | NIC | NOT IN CONTRACT | | |
| DF | DOUGLAS FIR | NO | NUMBER | | |
| DIA | DIAMETER | NOM | NOMINAL | | |
| DIAG | DIAGONAL | NS | NEAR SIDE | | |
| DIM(S) | DIMENSION(S) | NTS | NOT TO SCALE | | |
| DL | DEAD LOAD | NW | NORMAL WEIGHT | | |
| DWG(S) | DRAWING(S) | NWC | NORMALWEIGHT CONCRETE | | |
| DWL | DOWEL(S) | OC | ON CENTER | | |
| EA | EACH | OD | OUTSIDE DIAMETER | | |
| ECC | ECCENTRICITY | OF | OUTSIDE FACE | | |
| EF | EACH FACE | OH | OPPOSITE HAND | | |
| EJ | EXPANSION JOINT | OPNG(S) | OPENING(S) | | |
| EL | ELEVATION | OPP | OPPOSITE | | |
| ELEC | ELECTRICAL | OSB | ORIENTED STRAND BOARD | | |
| EMBED | EMBEDMENT | P.T. | PRESSURE TREATED | | |
| EN | EDGE NAIL | PAF | POWDER ACTUATED FASTENER | | |
| ENGR | ENGINEER | PC | PILE CAP | | |
| EOS | EDGE OF SLAB | PERP | PERPENDICULAR | | |
| EQ | EQUAL | PG | PLATE GIRDER | | |
| EQUIP | EQUIPMENT | PJP | PARTIAL JOINT PENETRATION | | |
| ES | EACH SIDE | PL | PLATE | | |
| EW | EACH WAY | PLY | PLYWOOD | | |
| EXP | EXPANSION | PSF | POUNDS PER SQUARE FOOT | | |
| EXT | EXTERIOR | PSI | POUNDS PER SQUARE INCH | | |
| FF | FINISH FLOOR | PSL | PARALLEL STRAND LUMBER | | |
| FIN | FINISH(ED) | PT | POINT | | |
| FLR | FLOOR | RAD | RADIUS | | |
| FN | FIELD NAILING | REF | REFERENCE | | |
| FND | FOUNDATION | REINF | REINFORCE(D) (ING) OR (MENT) | | |
| FO | FACE OF | REQD | REQUIRED | | |
| FP | FIREPROOF(ING) | REV | REVISION | | |
| FRM'G | FRAMING | RWD | REDWOOD | | |
| FS | FAR SIDE | SAD | SEE ARCHITECTURAL DRAWINGS | | |
| FTG | FOOTING | SCD | SEE CIVIL DRAWINGS | | |
| GA | GAGE, GAUGE | SCHED | SCHEDULE(D) | | |
| GALV | GALVANIZED | SECT | SECTION | | |
| GB | GRADE BEAM | SEOR | STRUCTURAL ENGINEER OF RECORD | | |
| GEN | GENERAL | SF | SQUARE FOOT (FEET) | | |
| GLB | GLUE-LAMINATED BEAM | SHT | SHEET | | |
| GR | GRADE | SIM | SIMILAR | | |
| GYP | GYPSUM | SLRS | SEISMIC LOAD RESISTING SYSTEM | | |
| HD | HOLDOWN | | | | |
| HDR | HEADER | | | | |



BERKELEY
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BERKELEY, CA 94710-2597
510-450-1999 P

HONEYBEE POOL RENOVATION
CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



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582 MARKET ST. STE. 1402
SAN FRANCISCO, CA 94104
Office: (415) 466-2997
www.BASEdesigninc.com

VANESSA GARRETT P.E. CE#4141 DATE
CITY ENGINEER

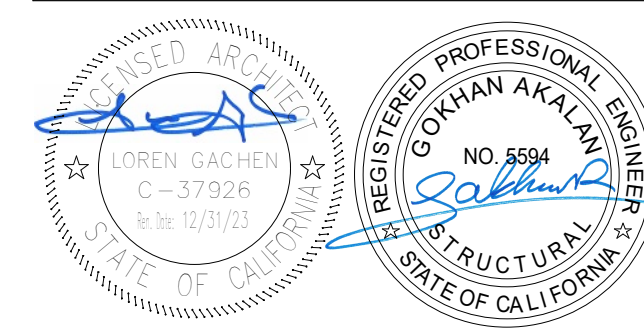
| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| 1 | 11/03/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |

DRAWN: Author CHECKED: Checker
DATE: 02/25/2022 SCALE: 12" = 1'-0"
PROJECT NUMBER: 2010200

SYMBOLS AND ABBREVIATIONS

DRAWING NUMBER: **S1.0**

HONEYBEE POOL RENOVATION
CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



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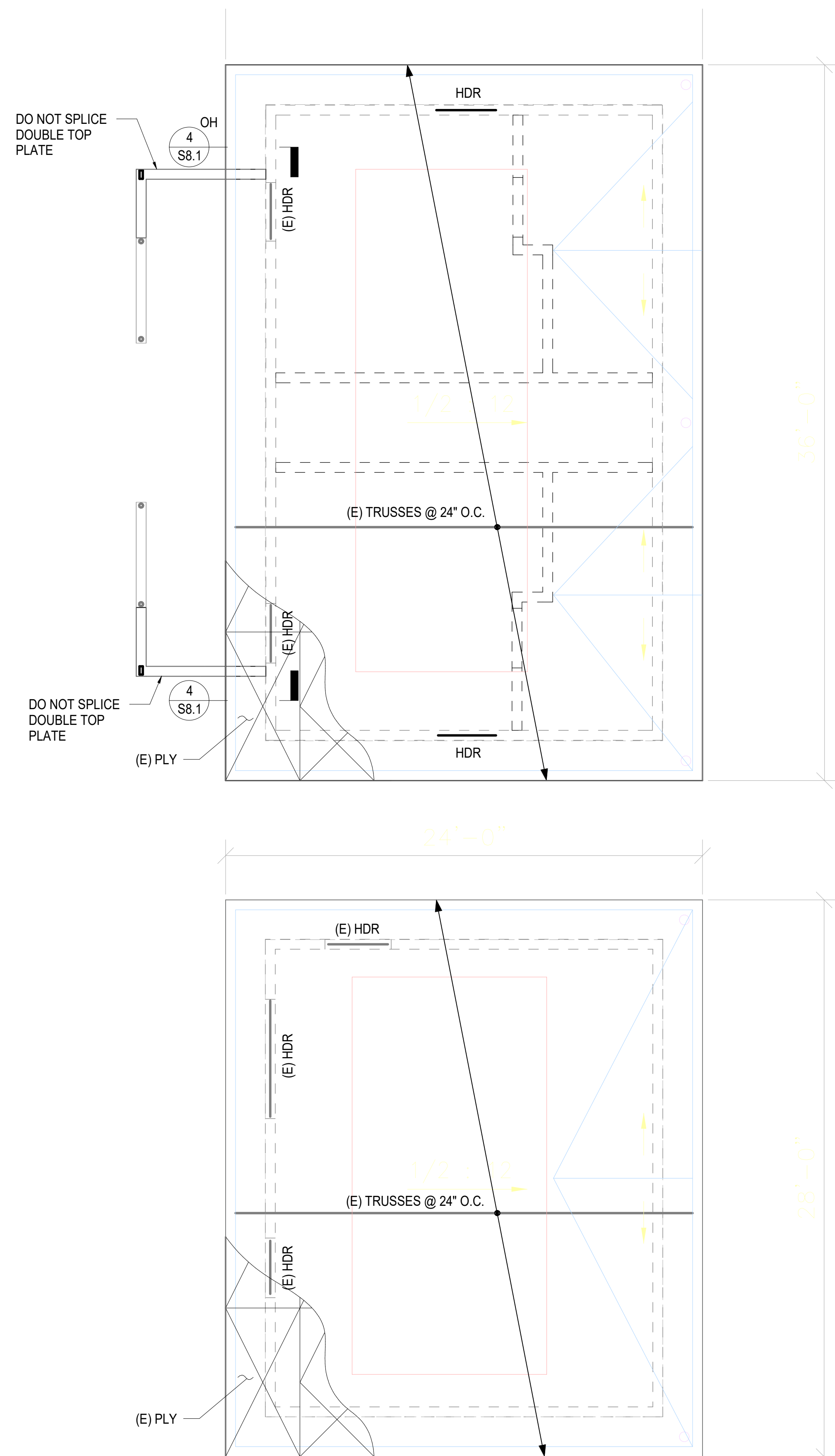
VANESSA GARRETT P.E. CE#4141 DATE
CITY ENGINEER

| REVISION SCHEDULE | | | |
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| NO | DATE | BY | DESCRIPTION |
| 1 | 11/03/2022 | | AGENCY PLAN REVIEW |
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DRAWN: Author CHECKED: Checker
DATE: 02/25/2022 SCALE: As indicated
PROJECT NUMBER: 2010200

FOUNDATION AND ROOF FRAMING PLANS

DRAWING NUMBER: **S2.0**

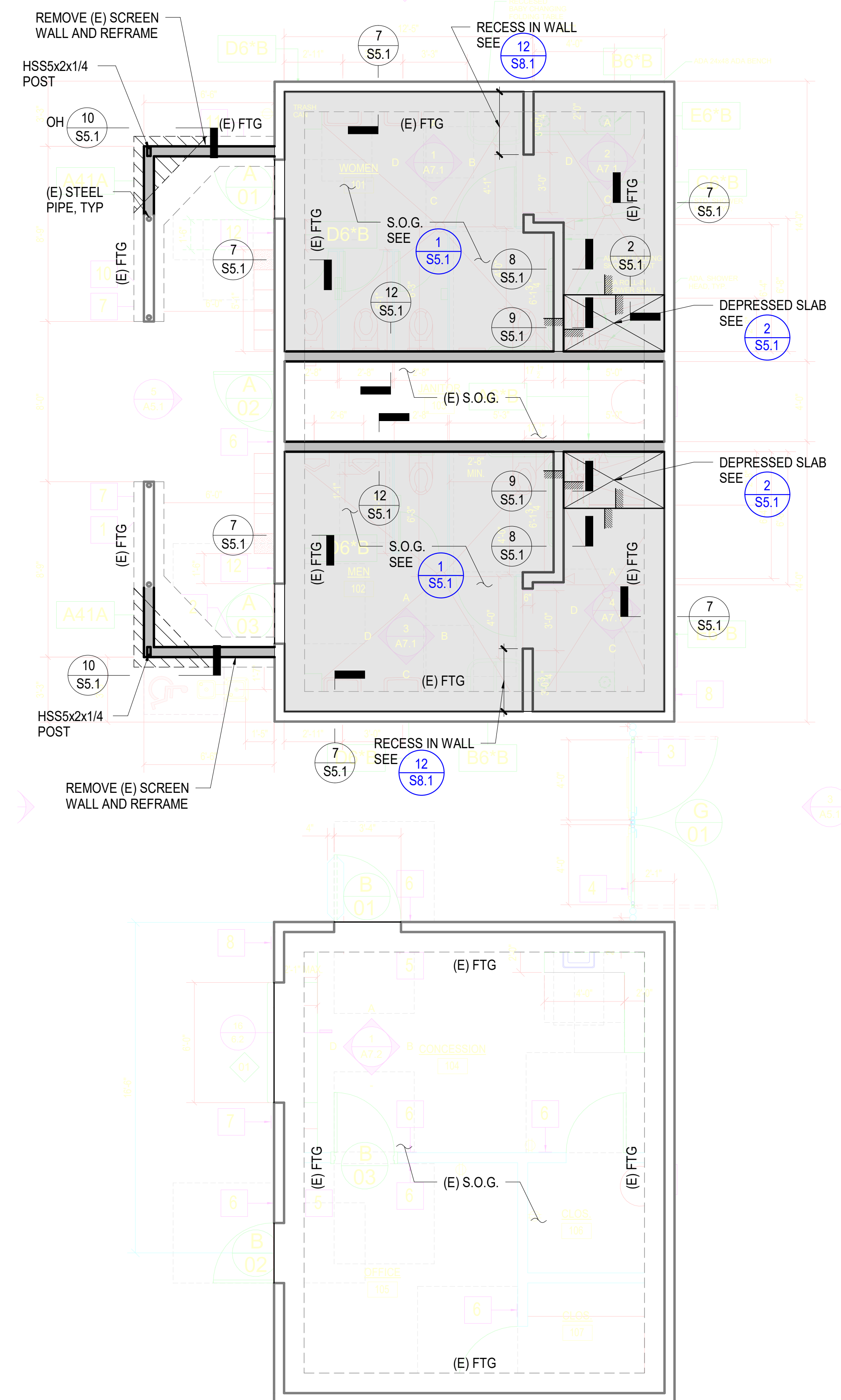


2 ROOF FRAMING PLAN

1/4" = 1'-0"

SHEET NOTES

- SEE GENERAL NOTES ON SHEET S 1.0, S1.1.
- FOR DIMENSION AND ELEVATIONS SEE ARCHITECTURAL DRAWINGS.
- STRUCTURAL STUD WALLS SUPPORTING THE ROOF ARE SHOWN THUS == ON PLAN AND SHALL BE 2X6 STUDS @ 16" O.C. U.O.N. SEE ARCHITECTURAL DRAWINGS FOR NON-LOAD BEARING PARTITIONS. SEE DETAILS ON SHEET
- FOR ROOF DRAINS, OPENINGS, FACIA DETAILS, ETC., SEE DRAWINGS OTHER THAN STRUCTURAL.
- FOR LOCATIONS OF EQUIPMENT AND SHAFT OPENINGS S.A.D. AND S.M.D. CONTRACTOR SHALL COORDINATE LOCATIONS OF EQUIPMENT SUPPORT BEAMS WITH EQUIPMENT REQUIREMENTS.
- WHERE METAL FRAMING CONNECTORS ARE REQUIRED, "SIMPSON" CONNECTORS ARE DENOTED.



1 FOUNDATION PLAN

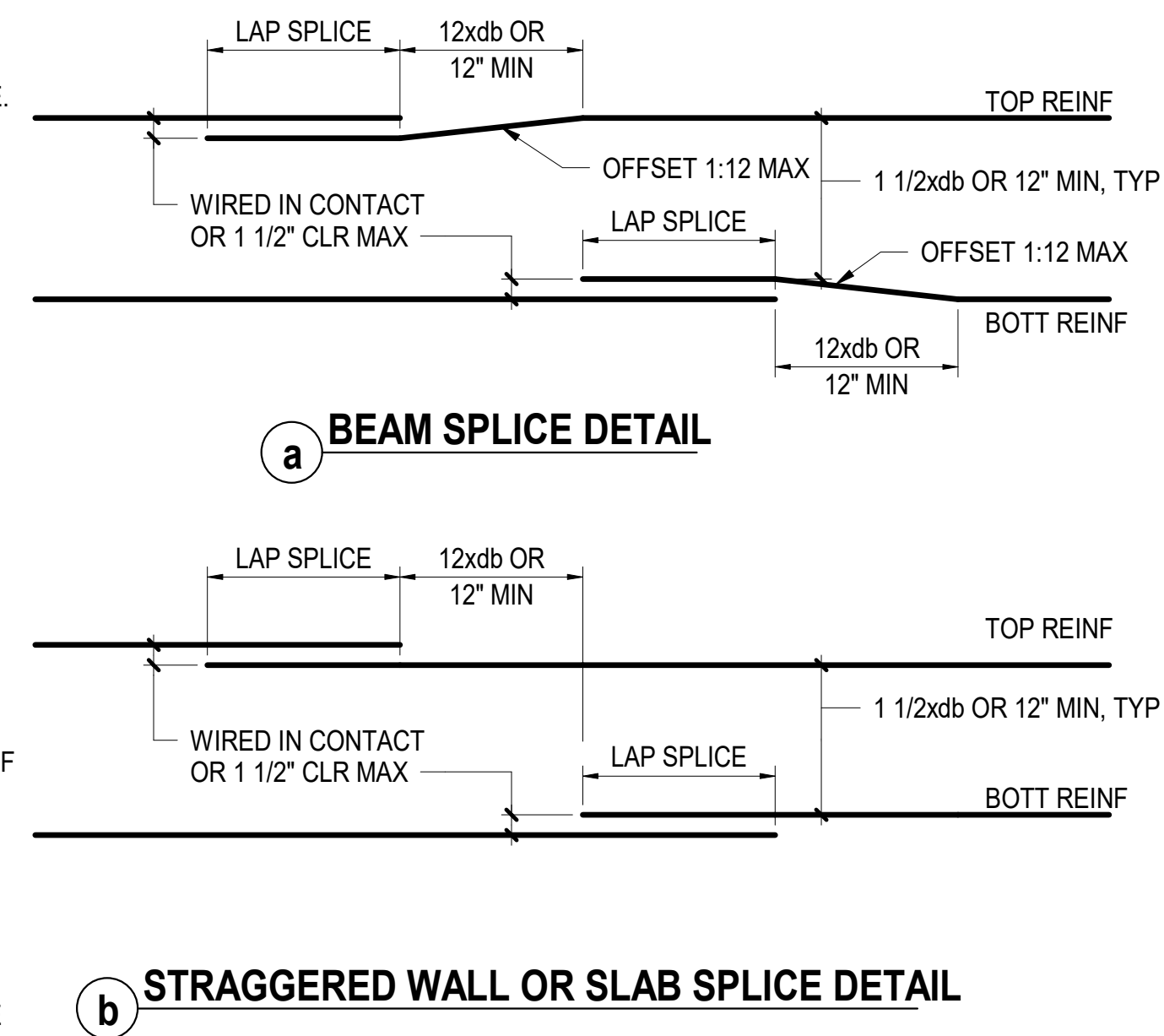
1/4" = 1'-0"

- SEE TYPICAL CONCRETE DETAILS ON SHEET S5.0, S5.1.
- SEE GENERAL NOTES ON S1.1 FOR FOOTING DESIGN CRITERIA.
- EXCAVATIONS SHALL BE MADE AS NEAR AS POSSIBLE TO THE NEAT LINES REQUIRED BY THE SIZE AND SHAPE OF THE STRUCTURE. NO MATERIAL IS TO BE EXCAVATED UNNECESSARILY.
- ALL FOUNDATION EXCAVATIONS MUST BE REVIEWED AND APPROVED BY THE INSPECTOR PRIOR TO PLACEMENT OF CONCRETE. PROVIDE WRITTEN OBSERVATION REPORT TO CITY OF BERKELEY BUILDING DIVISION AND THE SEOR AS REQ'D.
- VERIFY LOCATION OF UNDERGROUND UTILITIES BEFORE EXCAVATION. NOTIFY ARCHITECT PRIOR TO EXCAVATION IN THE EVENT SUCH UTILITIES ARE ENCOUNTERED.

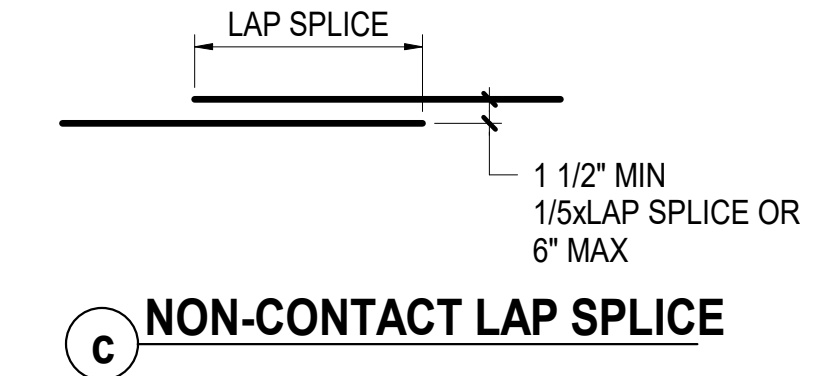
- FOR DRAINAGE DETAILS, SUMPS, PITS, DAMP PROOFING, TRENCHES, CURBS, EXTERIOR WALKS, UTILITIES, EQUIPMENT DETAILS, STEPS, ETC., SEE DRAWINGS OTHER THAN STRUCTURAL.
- STRUCTURAL STUD WALLS ARE SHOWN THUS: [Symbol] ON PLAN AND SHALL BE 2X6 STUDS AT 16" ON CENTER U.O.N. SEE ARCH DWGS. FOR NONLOAD BEARING PARTITION WALLS. FOR TYPICAL FRAMING OF STRUCTURAL STUD WALLS SEE DETAILS ON SHEET S8.0.
- [Symbol] DENOTES POST U.O.N
- ALL WORK SHOWN IS NEW UNLESS NOTED AS EXISTING (E).
- SHORE (E) FRAMING ABOVE AS REQUIRED.
- ALL LUMBER EXPOSED TO WEATHER SHALL BE PRESSURE TREATED.

| CONCRETE STRENGTH | | 3000 PSI | | | | 4000 PSI | | | | |
|---|-----------------------------|----------|-------|--------|-------|----------|-------|--------|-------|-----|
| REINFORCING CONFIGURATION | | CASE 1 | | CASE 2 | | CASE 1 | | CASE 2 | | |
| BAR SIZE | BAR LOCATION | TOP | OTHER | TOP | OTHER | TOP | OTHER | TOP | OTHER | |
| CLASS A LAP SPLICE AND STRAIGHT DEVELOPMENT (INCHES) Ld (INCHES) | #3 | 22 | 17 | 32 | 25 | 19 | 15 | 28 | 22 | |
| | #4 | 29 | 22 | 43 | 33 | 25 | 19 | 37 | 29 | |
| | #5 | 36 | 28 | 54 | 41 | 31 | 24 | 47 | 36 | |
| | #6 | 43 | 33 | 64 | 50 | 37 | 29 | 56 | 43 | |
| | #7 | 63 | 48 | 94 | 72 | 54 | 42 | 81 | 63 | |
| | #8 | 72 | 55 | 107 | 82 | 62 | 48 | 93 | 71 | |
| | #9 | 81 | 62 | 121 | 93 | 70 | 54 | 105 | 81 | |
| | #10 | 91 | 70 | 136 | 105 | 79 | 61 | 118 | 91 | |
| | #11 | 101 | 78 | 151 | 116 | 87 | 67 | 131 | 101 | |
| | #14 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | CLASS B LAP SPLICE (INCHES) | #3 | 28 | 22 | 42 | 32 | 24 | 19 | 36 | 28 |
| #4 | | 37 | 29 | 56 | 43 | 32 | 25 | 48 | 37 | |
| #5 | | 47 | 36 | 70 | 54 | 40 | 31 | 60 | 47 | |
| #6 | | 56 | 43 | 84 | 64 | 48 | 37 | 72 | 56 | |
| #7 | | 81 | 63 | 122 | 94 | 70 | 54 | 106 | 81 | |
| #8 | | 93 | 72 | 139 | 107 | 80 | 62 | 121 | 93 | |
| #9 | | 105 | 81 | 157 | 121 | 91 | 70 | 136 | 105 | |
| #10 | | 118 | 91 | 177 | 136 | 102 | 79 | 153 | 118 | |
| #11 | | 131 | 101 | 195 | 151 | 113 | 87 | 170 | 131 | |
| #14 | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

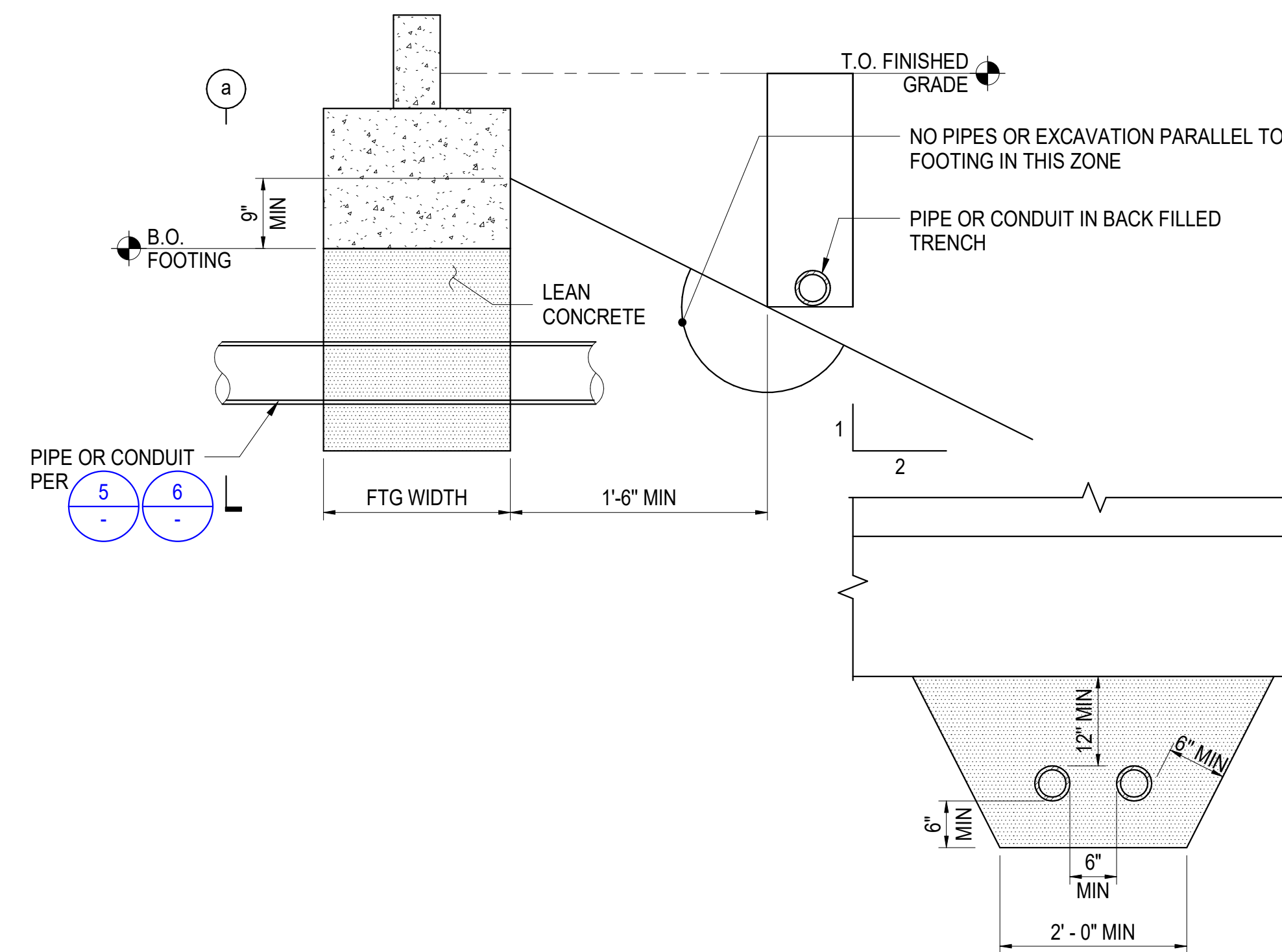
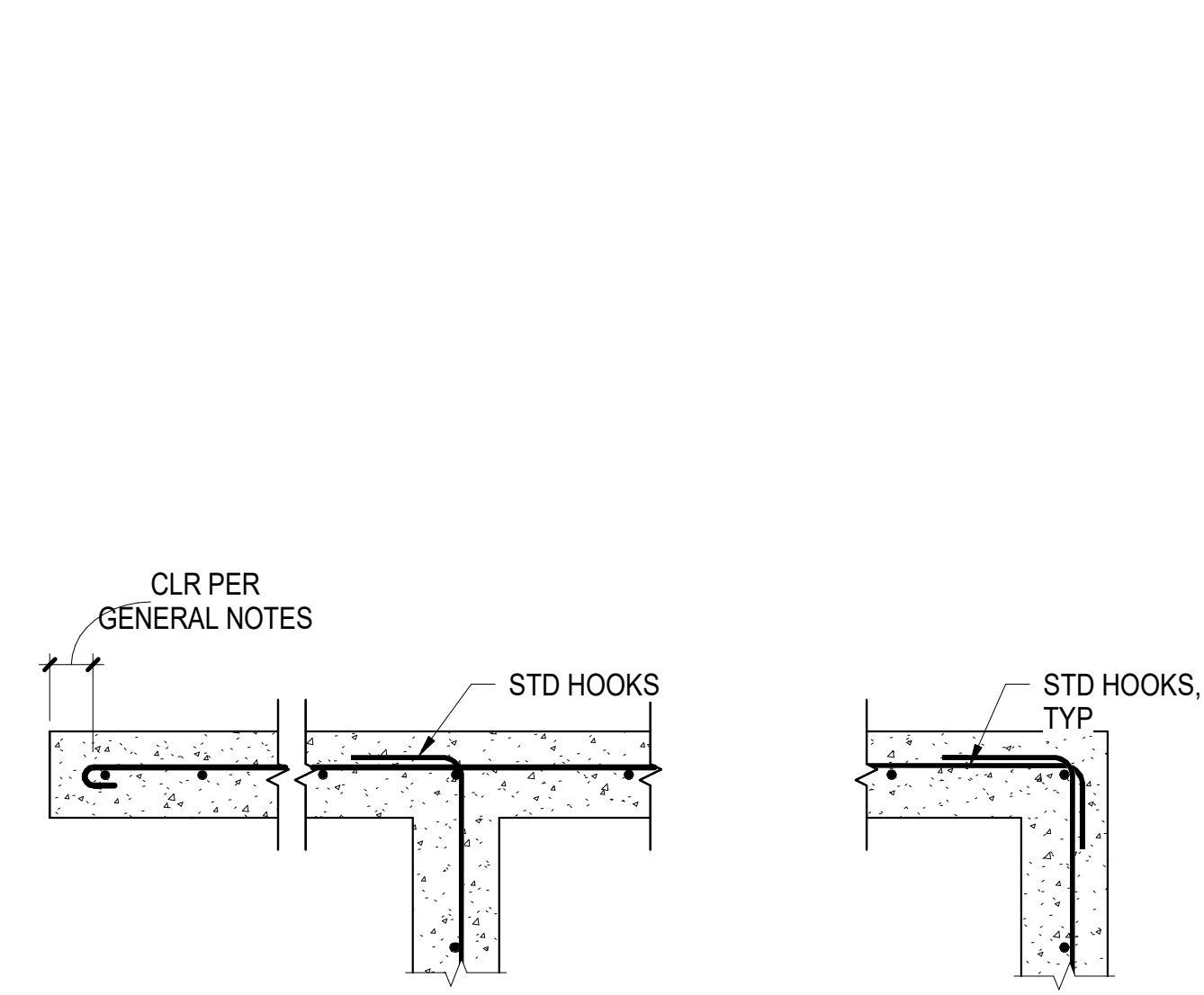
- NOTES:
- VALUES IN THE TABLE ARE FOR NON-EPOXY COATED GRADE 60 REINFORCING STEEL AND NORMAL WEIGHT CONCRETE.
 - CASES 1 AND 2 ARE DEPENDENT ON THE TYPE OF CONCRETE ELEMENT, CONCRETE COVER AND CENTER-TO-CENTER SPACING OF REINFORCING BARS. THEY ARE DEFINED AS:
CASE 1:
BEAM AND COLUMNS:
- CONCRETE COVER $\geq db$
- CENTER-TO-CENTER SPACING $\geq 2x db$ AND
- STIRRUPS OR TIES PROVIDED THROUGHOUT Ld
OTHER ELEMENTS:
- CONCRETE COVER $\geq db$ AND
- CENTER-TO-CENTER SPACING $\geq 3x db$
CASE 2:
BEAM AND COLUMNS:
- CONCRETE COVER $< db$
- CENTER-TO-CENTER SPACING $< 2x db$
OTHER ELEMENTS:
- CONCRETE COVER $< db$ AND
- CENTER-TO-CENTER SPACING $< 2x db$
 - TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF FRESH CONCRETE BELOW. OTHER BAR INCLUDE ALL VERTICAL REINFORCING. ALL HORIZONTAL WALL REINFORCING AND HORIZONTAL REINFORCING WITH LESS THAN 12" OF FRESH CONCRETE BELOW BAR.
 - PROVIDE CLASS B LAP SPLICES, U.O.N.
 - WHERE Ld IS NOT OBTAINABLE DUE TO SPACE RESTRICTIONS, PROVIDE A STANDARD HOOK PER DETAIL 2.
 - SPLICES OF HORIZONTAL REINFORCING BARS IN WALLS AND SLABS SHALL BE STAGGERED. SPLICES OF HORIZONTAL REINFORCING BARS IN WALLS AND SLABS CONTAINING TWO CURTAINS OF REINFORCEMENT SHALL NOT OCCUR IN THE SAME LOCATION. SPLICES SHALL BE OFFSET BY THE MAXIMUM OF 12 INCHES AND 12 BAR DIAMETERS.
 - MECHANICAL COUPLERS MAY BE USED IN LIEU OF LAP SPLICES. MECHANICAL COUPLERS SHALL BE PER IAPMO UES ER-0129 AND RESIST 125% OF REINFORCING BAR YIELD STRENGTH.
 - WHERE BARS OF DIFFERENT SIZES ARE SPLICED, SPLICE LENGTH SHALL BE THE MAXIMUM OF Ld OF THE LARGER BAR AND THE LAP SPLICE LENGTH OF THE SMALLER BAR.
 - LAP TOP BARS AT MIDSPAN AND BOTTOM BARS AT SUPPORT, U.O.N.
 - NON-CONTACT LAP SPLICED BARS SHALL BE SPACED AT LEAST 1 1/2" AND NO MORE THAN THE MAXIMUM OF ONE- FIFTH OF THE LAP SPLICE AND 6".



(b) STRAGGERED WALL OR SLAB SPLICE DETAIL

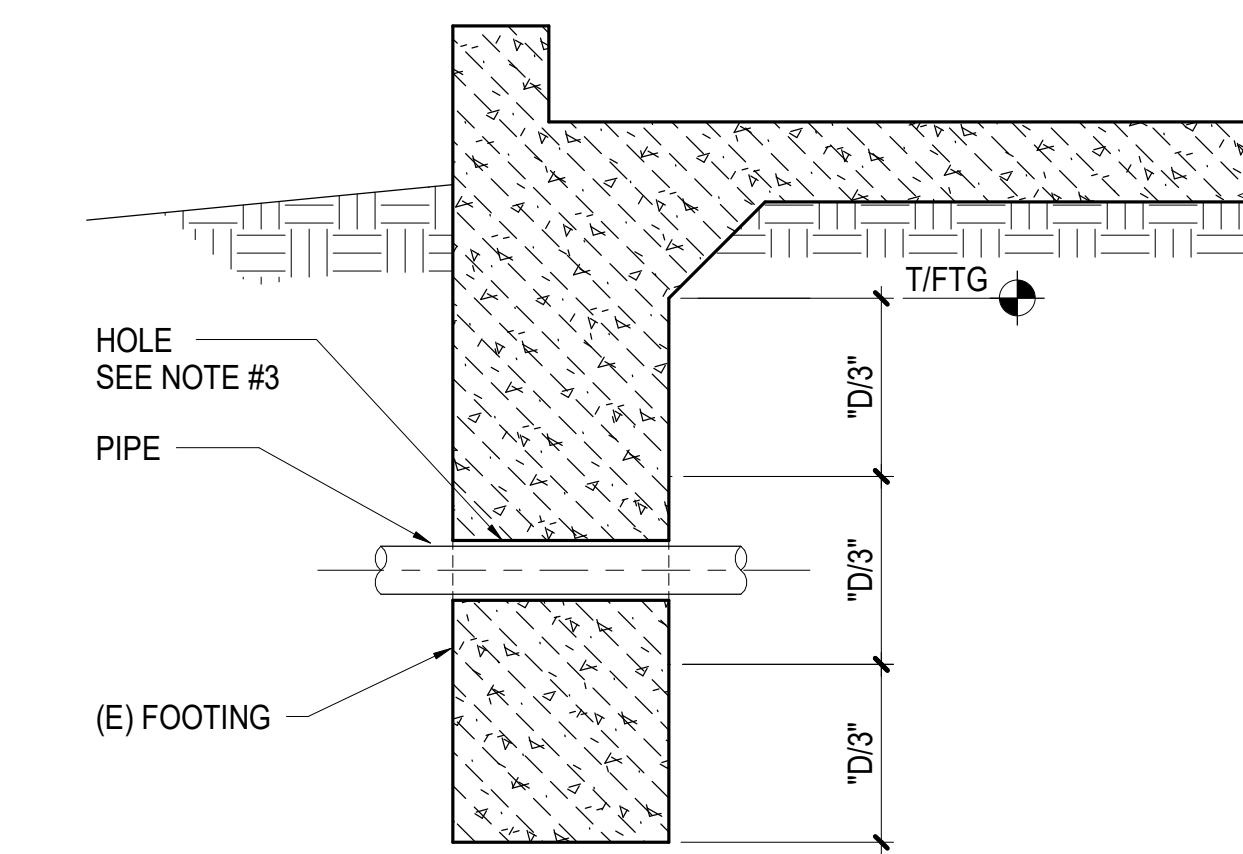


10 LAP SPLICE + STRAIGHT BAR DEVELOPMENT LENGTHS



(8) TYPICAL EXCAVATION PARALLEL TO FOOTING

(5) TYPICAL CONDUIT OR PIPE UNDER FOOTING OR GRADE BEAM (ELEVATION)



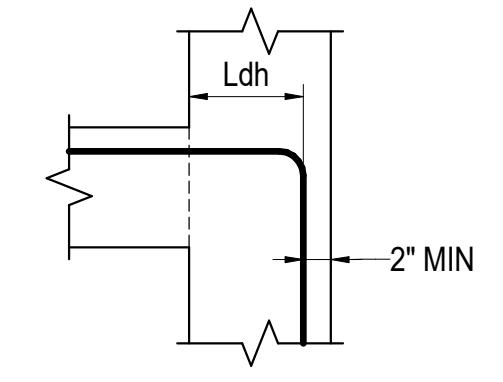
- NOTES:
- PRIOR TO DRILLING FOR HOLE, LOCATE (E) REINFORCING. DO NOT CUT (E) REINFORCING AND MAINTAIN 1 1/2" CLR AROUND HOLE.
 - MAXIMUM PIPE SIZE 6" DIA UNLESS OTHERWISE NOTED.
 - PROVIDE 1" MINIMUM GAP BETWEEN PIPE AND HOLE ALL AROUND PIPE.
 - LOCATE PIPE WITHIN MIDDLE 1/3 OF (E) FOOTING DEPTH.
 - MINIMUM CLEAR DISTANCE BETWEEN SLEEVES SHALL BE 4x LARGEST SLEEVE DIAMETER.
 - CAULK SEAL GAP AT SLEEVE-TO-PIPE/CONDUIT INTERFACE ON EXTERIOR SIDE OF FOOTING.

(6) PIPE PENETRATION THRU (E) FOOTING

(2) HOOKED BAR DEVELOPMENT LENGTHS

| BAR SIZE | CONCRETE STRENGTH | |
|----------|-------------------|----------|
| | 3000 PSI | 4000 PSI |
| #3 | 0' - 8" | 0' - 7" |
| #4 | 0' - 11" | 0' - 9" |
| #5 | 1' - 2" | 1' - 0" |
| #6 | 1' - 4" | 1' - 2" |
| #7 | 1' - 7" | 1' - 5" |
| #8 | 1' - 10" | 1' - 7" |
| #9 | 2' - 1" | 1' - 9" |
| #10 | 2' - 3" | 2' - 0" |
| #11 | 2' - 6" | 2' - 2" |

- NOTES:
- THE HOOKED BAR DEVELOPMENT LENGTHS IN THIS TABLE ARE FOR NORMALWEIGHT CONCRETE. FOR LIGHTWEIGHT CONCRETE, THE HOOKED BAR DEVELOPMENT LENGTH SHALL NOT BE LESS THAN 10x db, 7 1/2" AND 1.3x Ldh PER THE TABLE ABOVE.
 - THE HOOKED BAR DEVELOPMENT LENGTHS IN THIS TABLE APPLY TO MEMBERS WITH:
a. SIDE COVER EQUAL TO AT LEAST 2 1/2".
b. END COVER EQUAL TO AT LEAST 2".



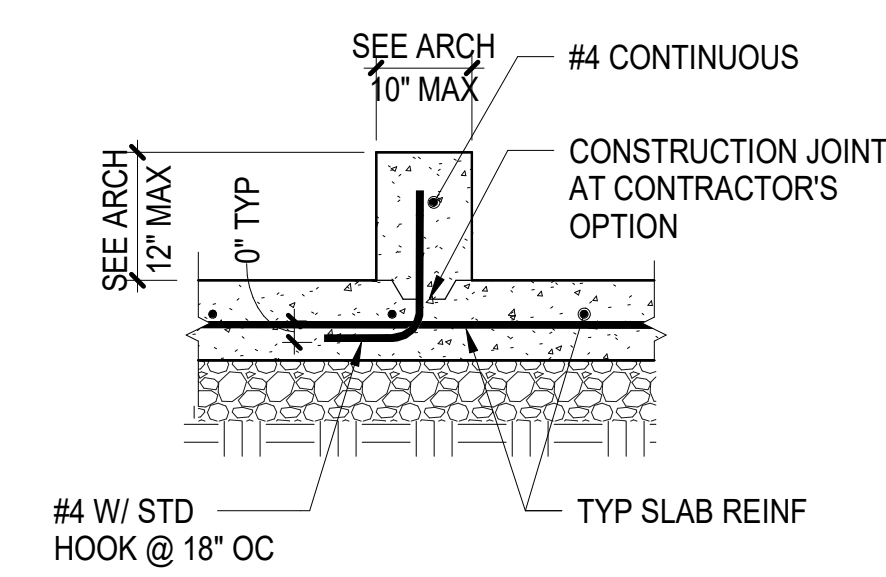
(11) CURB INTERSECTIONS

(8) TYPICAL EXCAVATION PARALLEL TO FOOTING

(5) TYPICAL CONDUIT OR PIPE UNDER FOOTING OR GRADE BEAM (ELEVATION)

(2) HOOKED BAR DEVELOPMENT LENGTHS

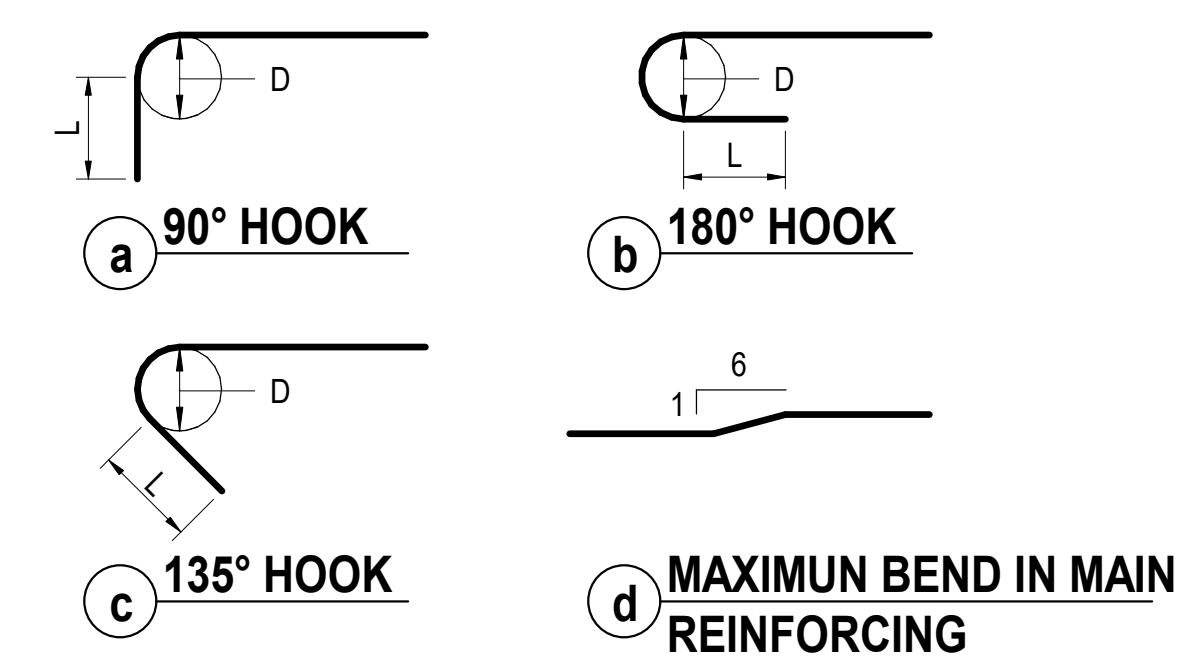
(9) CONCRETE CURB DETAIL



(a) CURB AT SLAB-ON-GRADE

(6) PIPE PENETRATION THRU (E) FOOTING

(3) TYPICAL BAR HOOKS



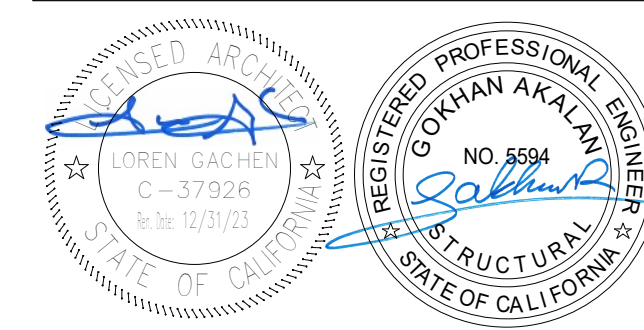
| BAR SIZE | MAIN REINFORCING HOOKS | | |
|----------|------------------------|-----------------|------------------|
| | BEND DIAMETER, D (IN) | 90° HOOK L (IN) | 180° HOOK L (IN) |
| #3 | 2 1/4 | 4 1/2 | 2 1/2 |
| #4 | 3 | 6 | 2 1/2 |
| #5 | 3 3/4 | 7 1/2 | 2 1/2 |
| #6 | 4 1/2 | 9 | 3 |

| BAR SIZE | STIRRUP + TIE REINFORCING HOOKS | | |
|----------|---------------------------------|-----------------|------------------|
| | BEND DIAMETER, D (IN) | 90° HOOK L (IN) | 180° HOOK L (IN) |
| #3 | 1 1/2 | 3 | 3 |
| #4 | 2 | 3 | 3 |
| #5 | 2 1/2 | 3 3/4 | 3 3/4 |



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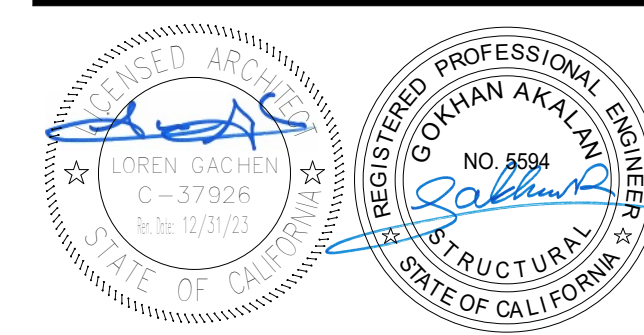
VANESSA GARRETT P.E. CE#4141 DATE
CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| 1 | 11/03/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |

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TYPICAL CONCRETE DETAILS

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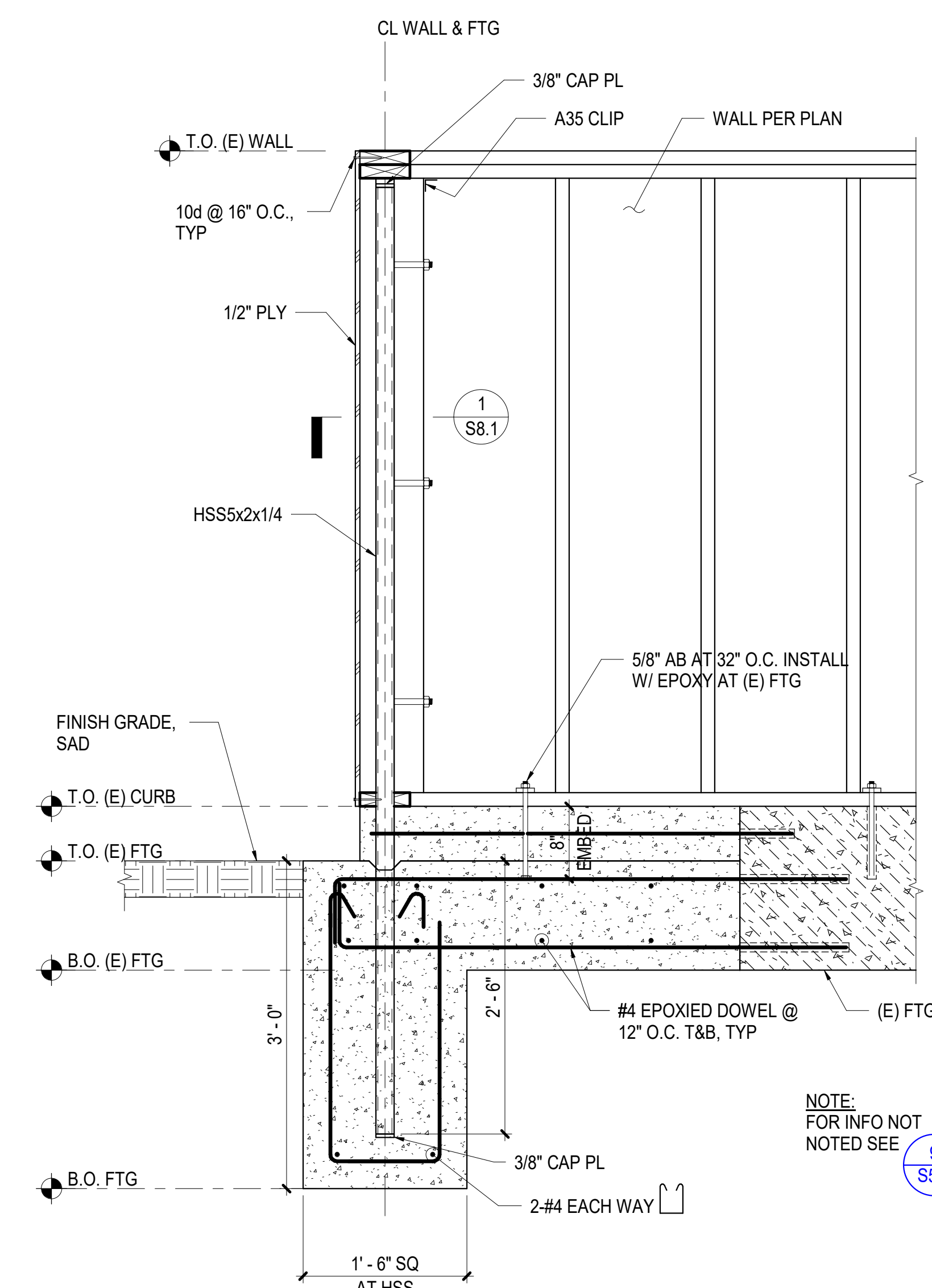
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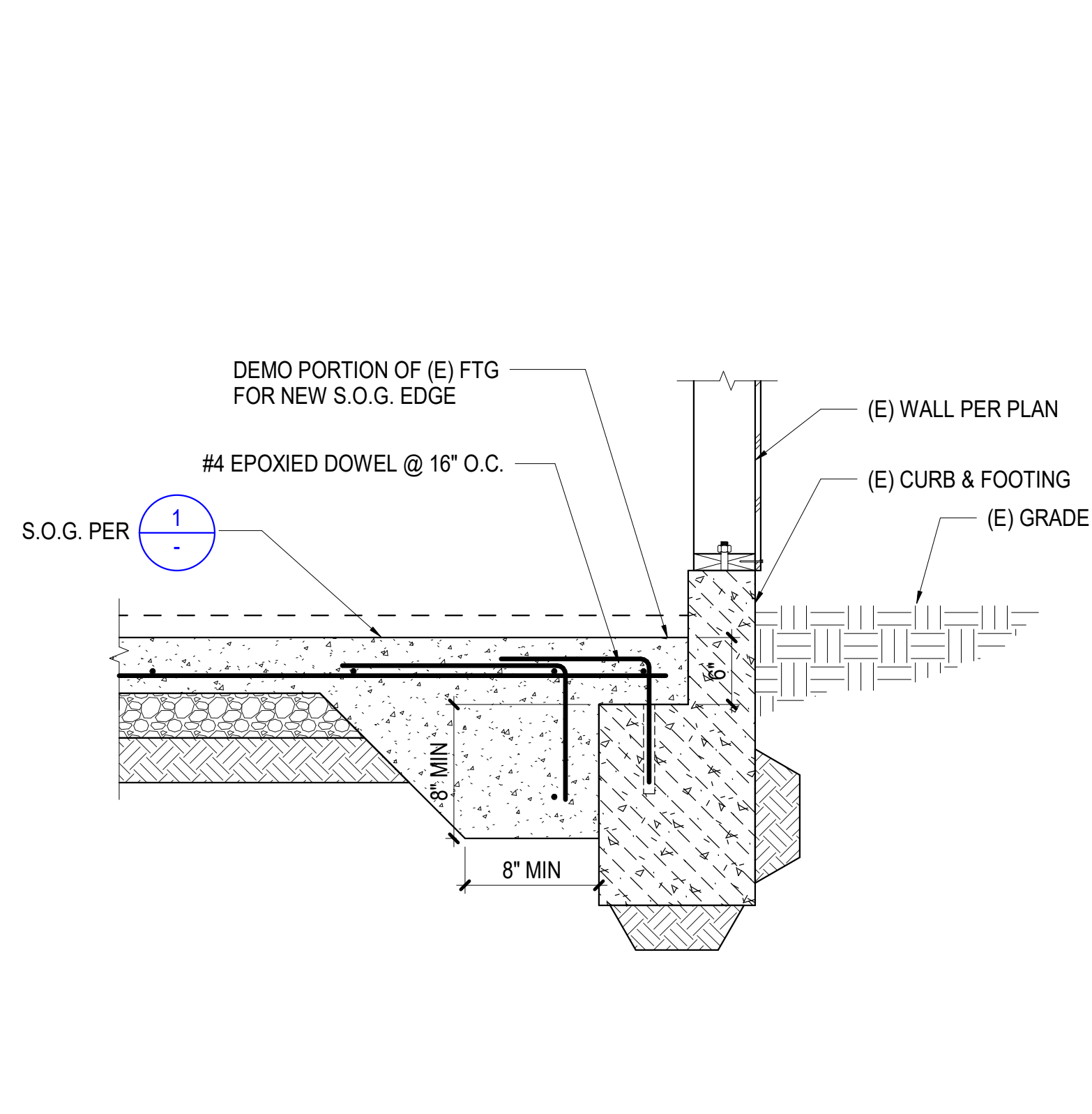
DRAWN: Author CHECKED: Checker
DATE: 02/25/2022 SCALE: 1" = 1'-0"
PROJECT NUMBER: 2010200

CONCRETE DETAILS

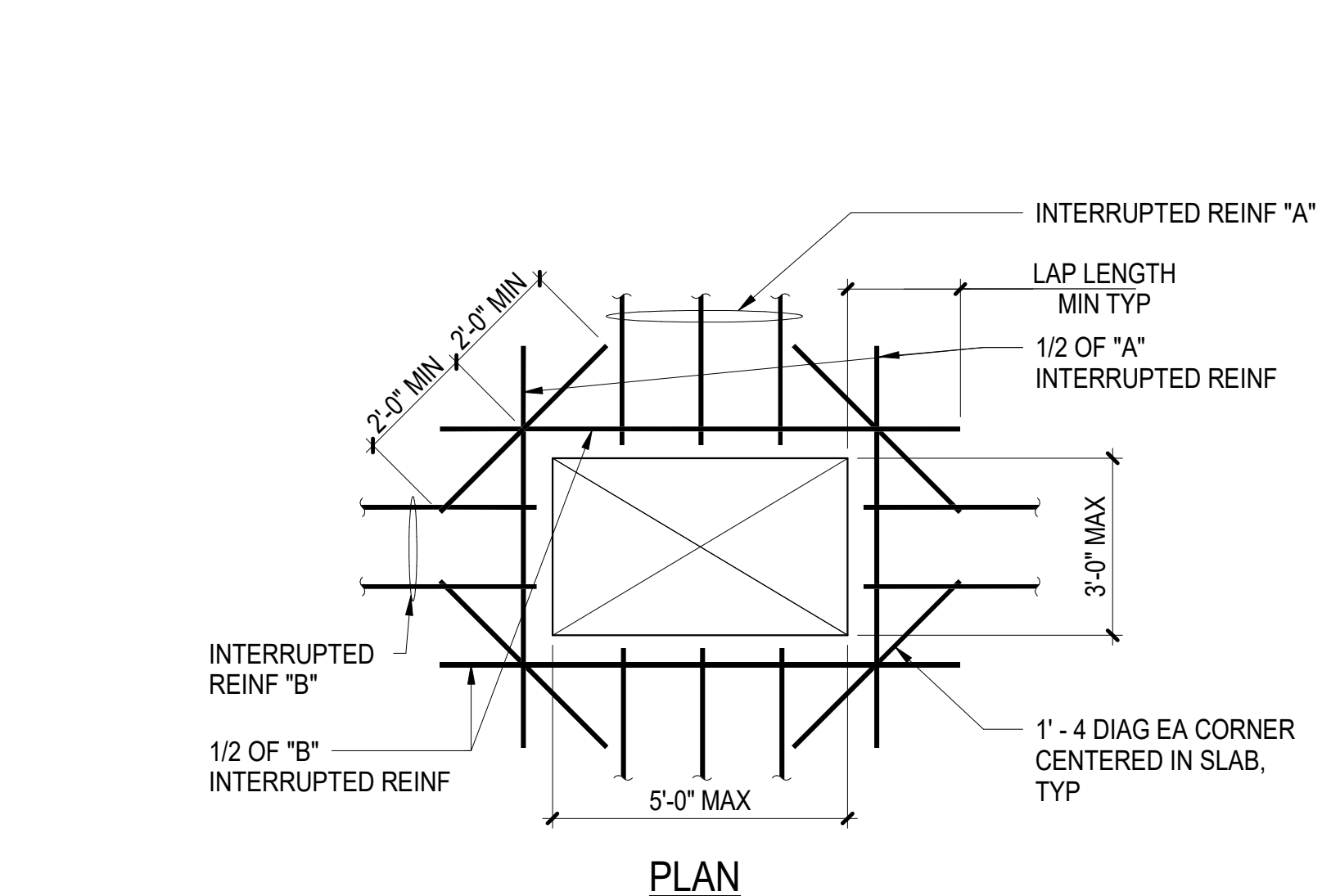
DRAWING NUMBER: **S5.1**



10 SECTION AT NEW FOOTING AND PIPE 1" = 1'-0"

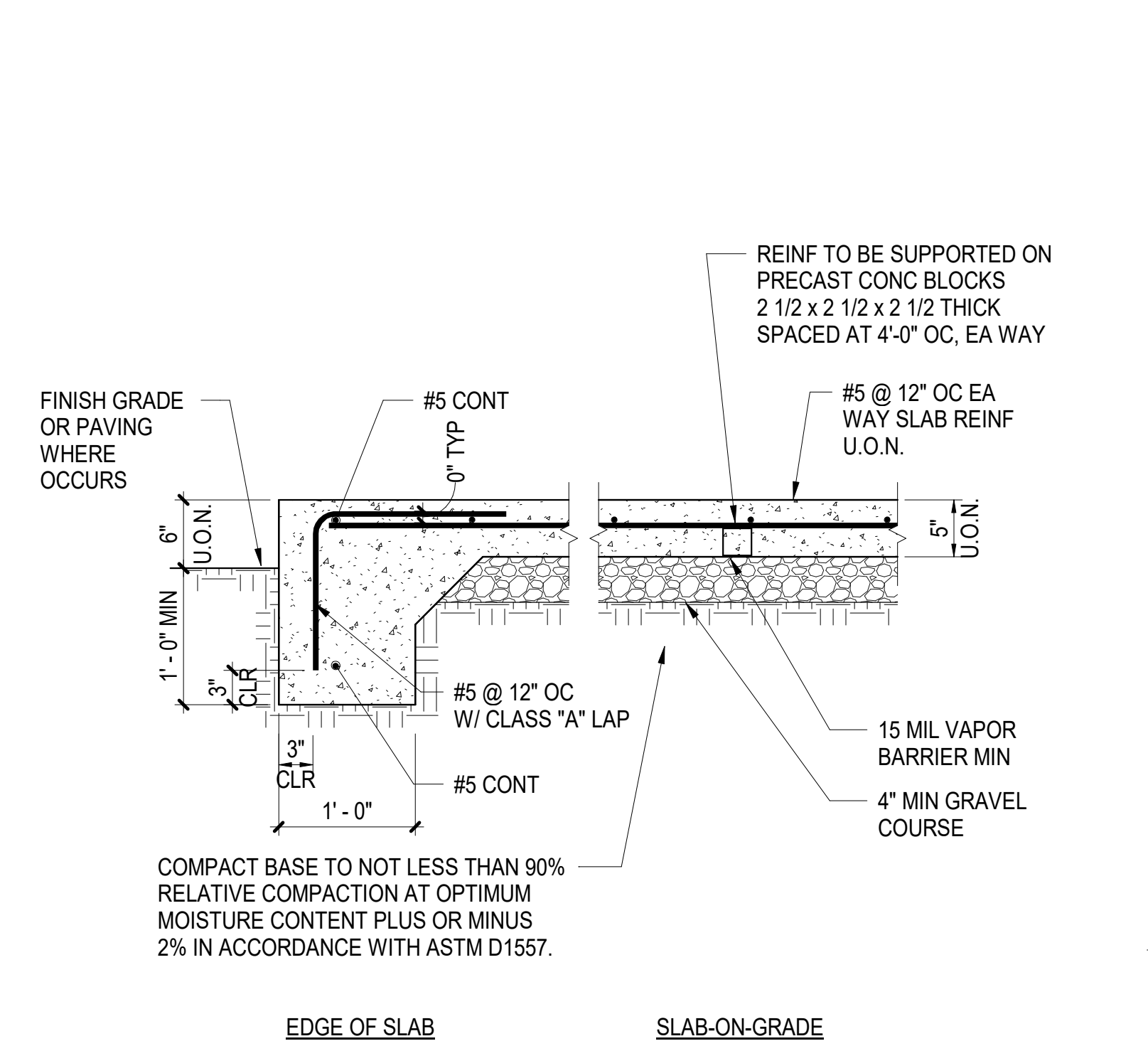


7 SECTION AT (E) FOOTING 1" = 1'-0"

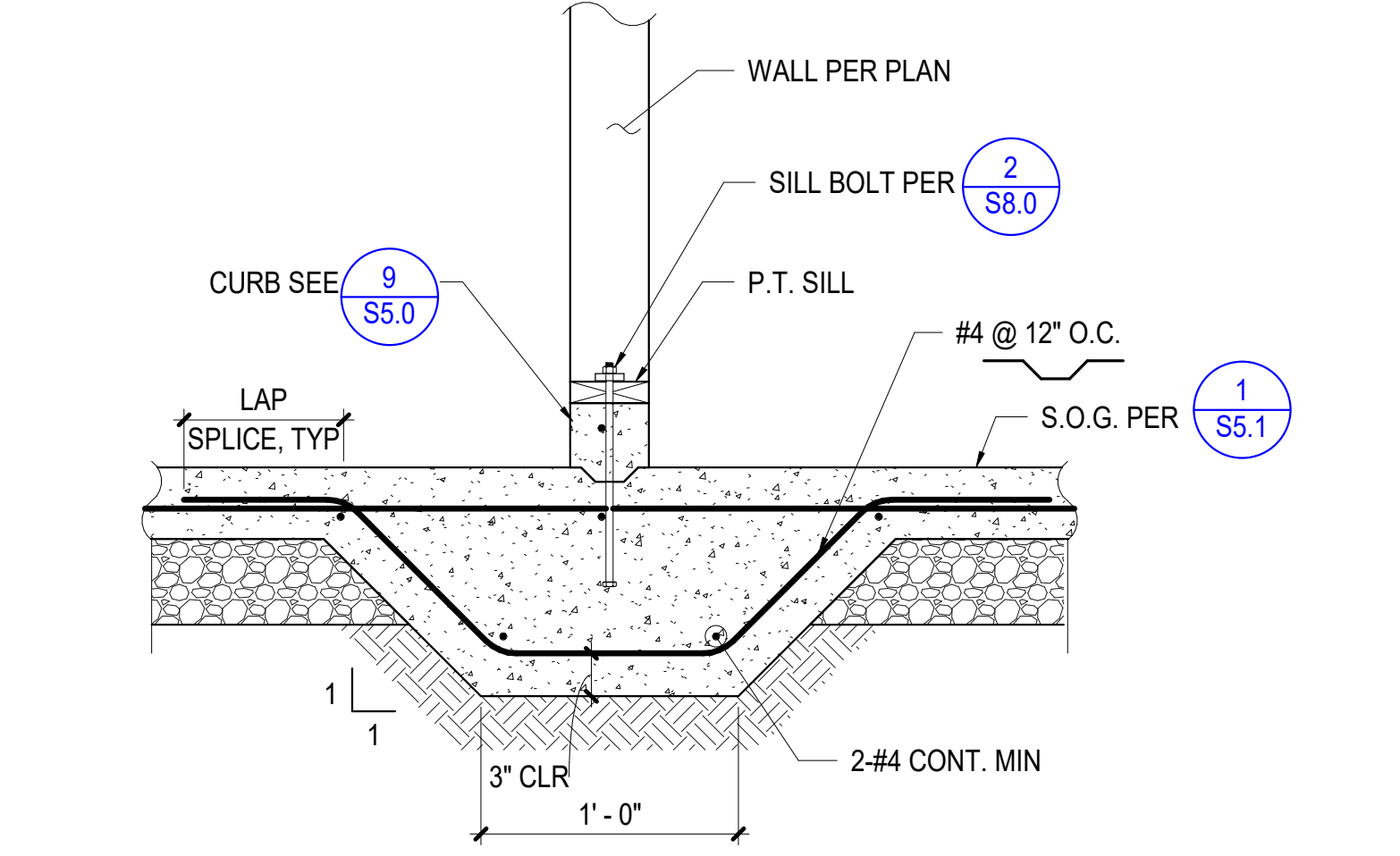


NOTES:
1. OPENING SIZE, LOCATION, AND REINFORCING SHALL BE SUBMITTED AS PART OF THE REINFORCING SHOP DRAWING SUBMITTAL FOR REVIEW AND APPROVAL.
2. AT EACH SIDE OF THE OPENING, ADD NOT LESS THAN ONE-HALF THE AREA OF REINFORCING THAT IS INTERRUPTED BY THE OPENING. WHERE THE BAR LENGTH PAST THE OPENING IS INTERRUPTED BY AN EDGE OF SLAB, PROVIDE A STANDARD HOOK AT THE DISCONTINUOUS END.
3. WHERE THE DIAGONAL LENGTH IS INTERRUPTED BY AN EDGE OF SLAB, PROVIDE A STANDARD HOOK.
4. NOT REQUIRED AT COLUMN LOCATIONS.

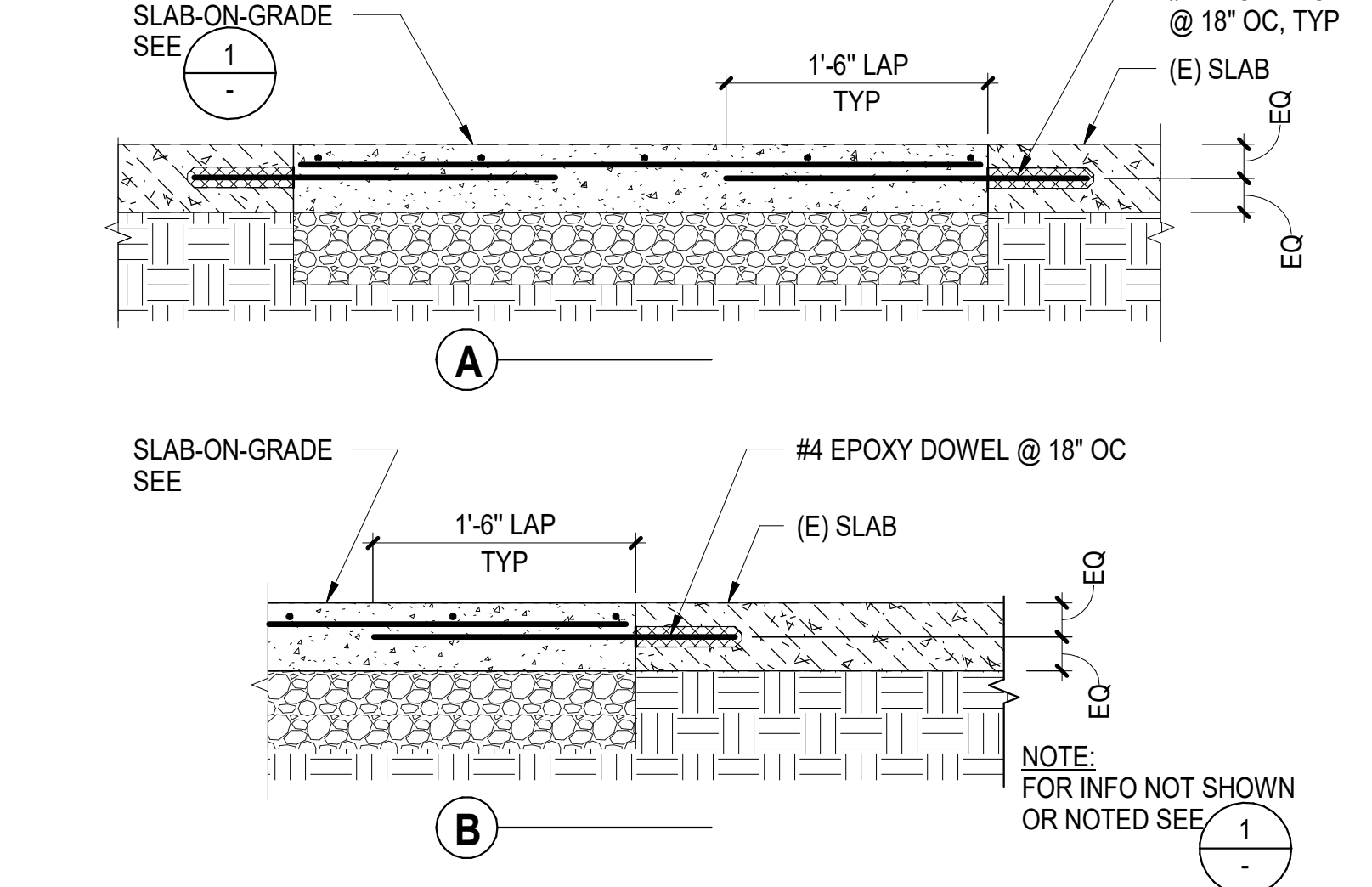
4 OPENING IN SLAB-ON-GRADE NTS



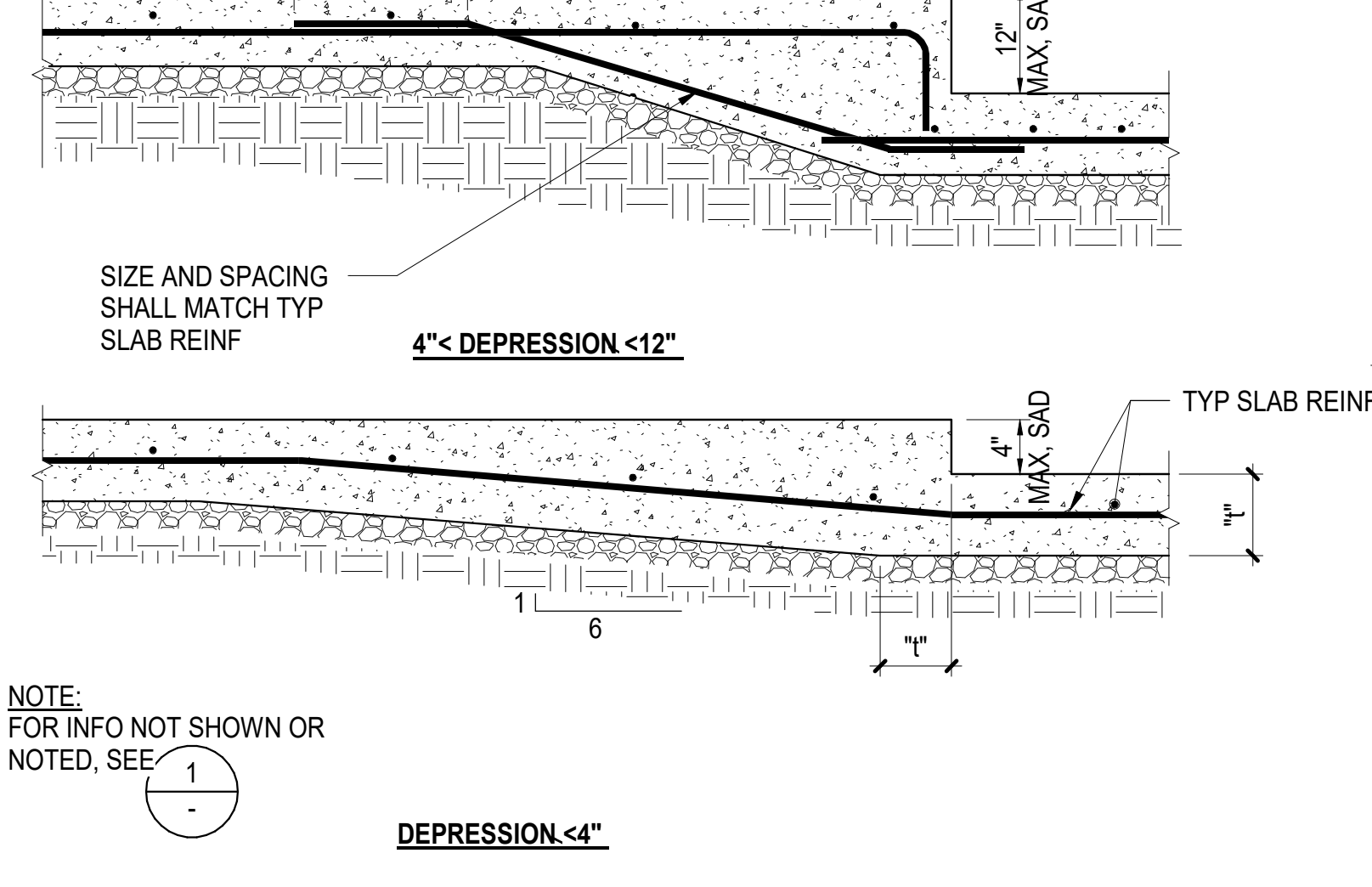
1 SLAB-ON-GRADE DETAIL NTS



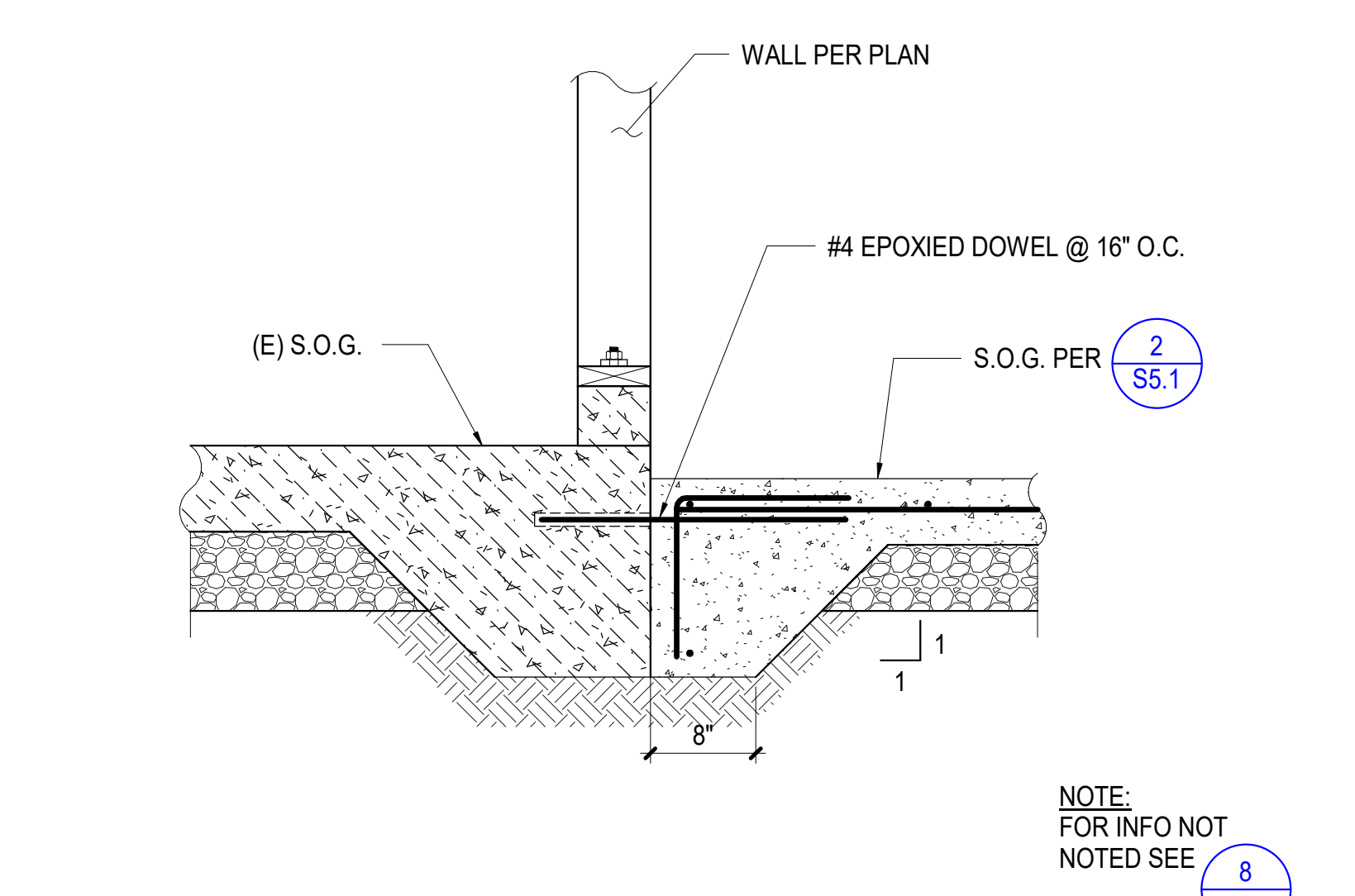
8 THICKENED SLAB AT NON-BEARING WALL 1" = 1'-0"



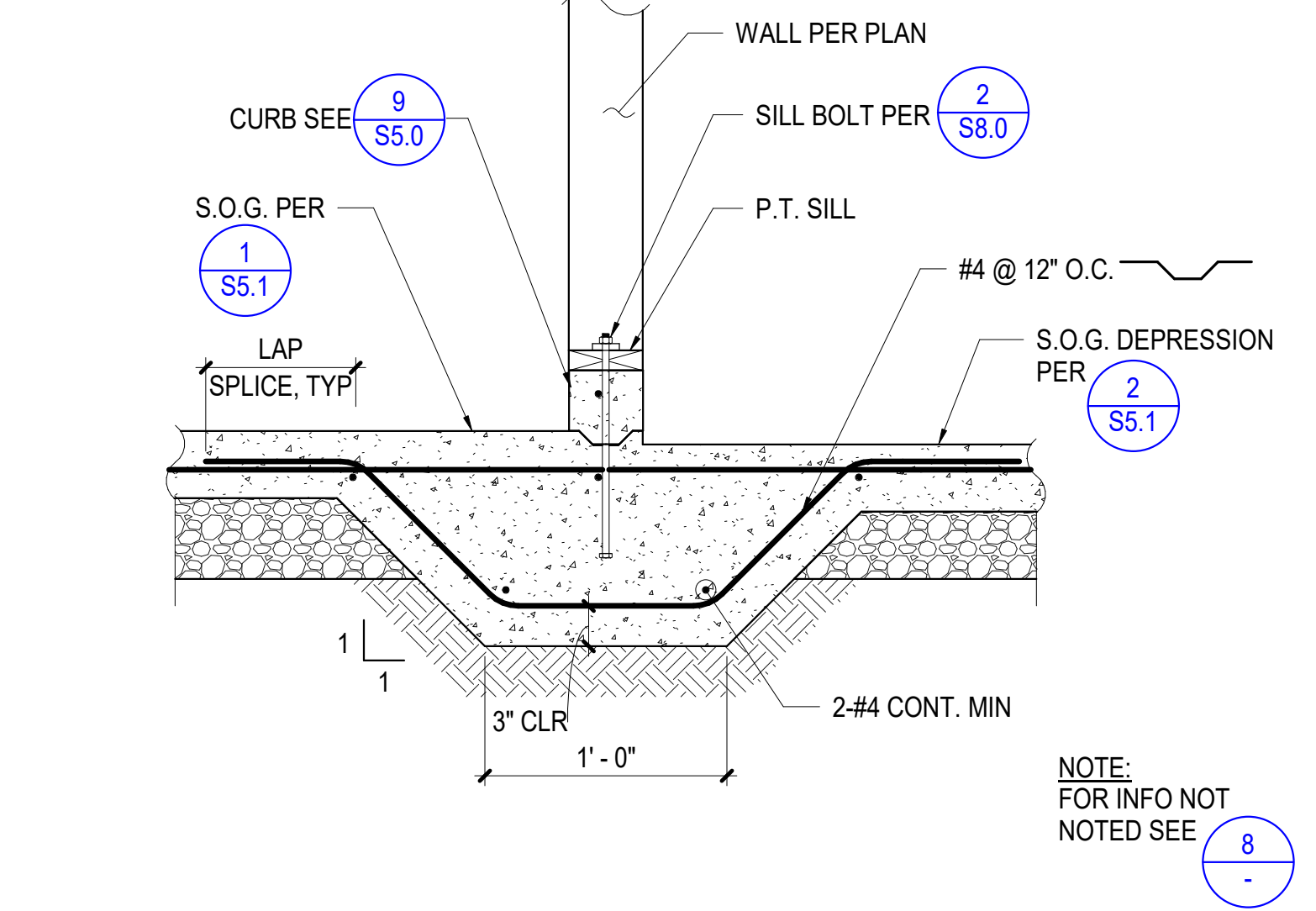
5 SLAB-ON-GRADE AT (E) SLAB NTS



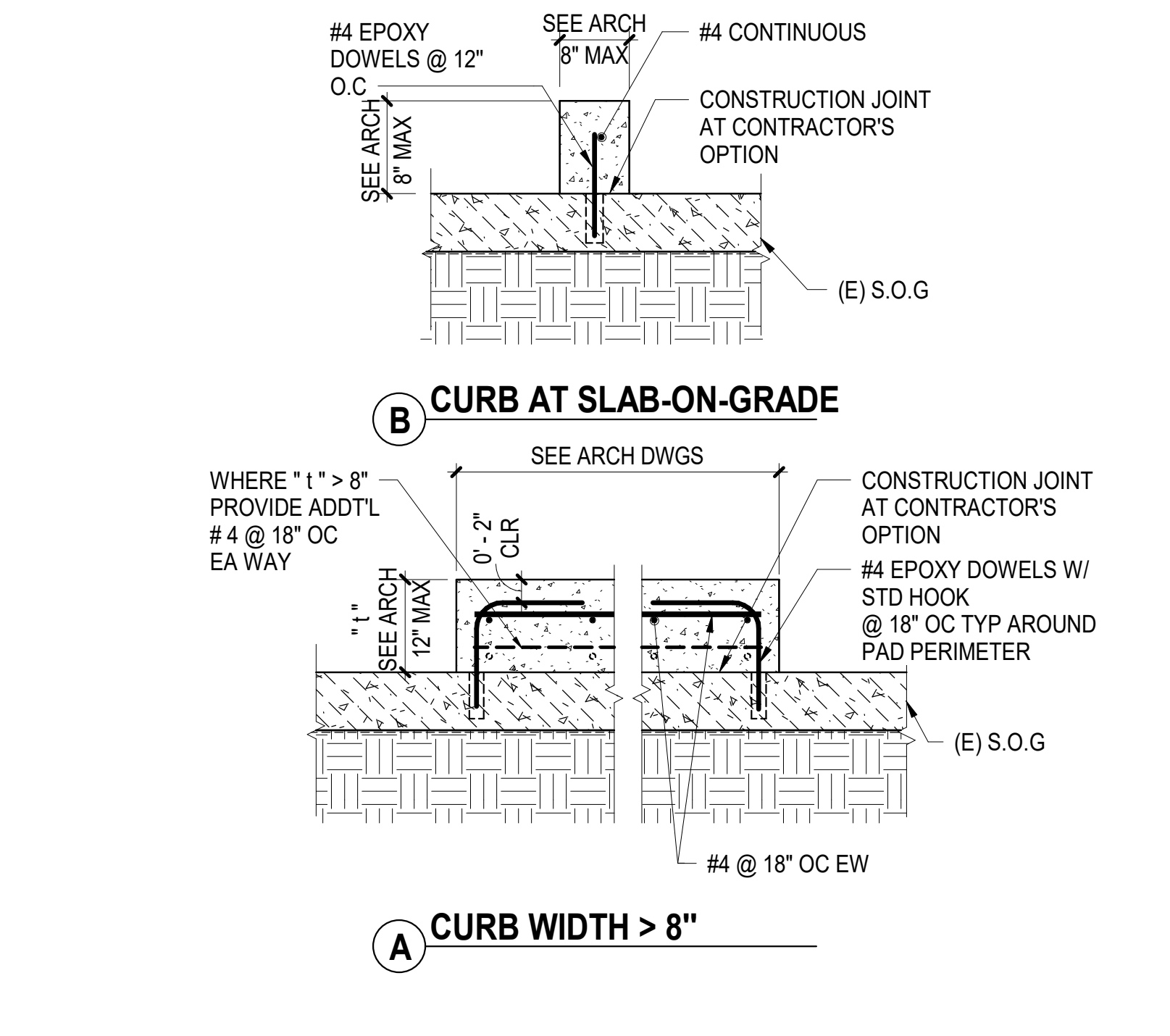
2 SLAB-ON-GRADE DEPRESSION NTS



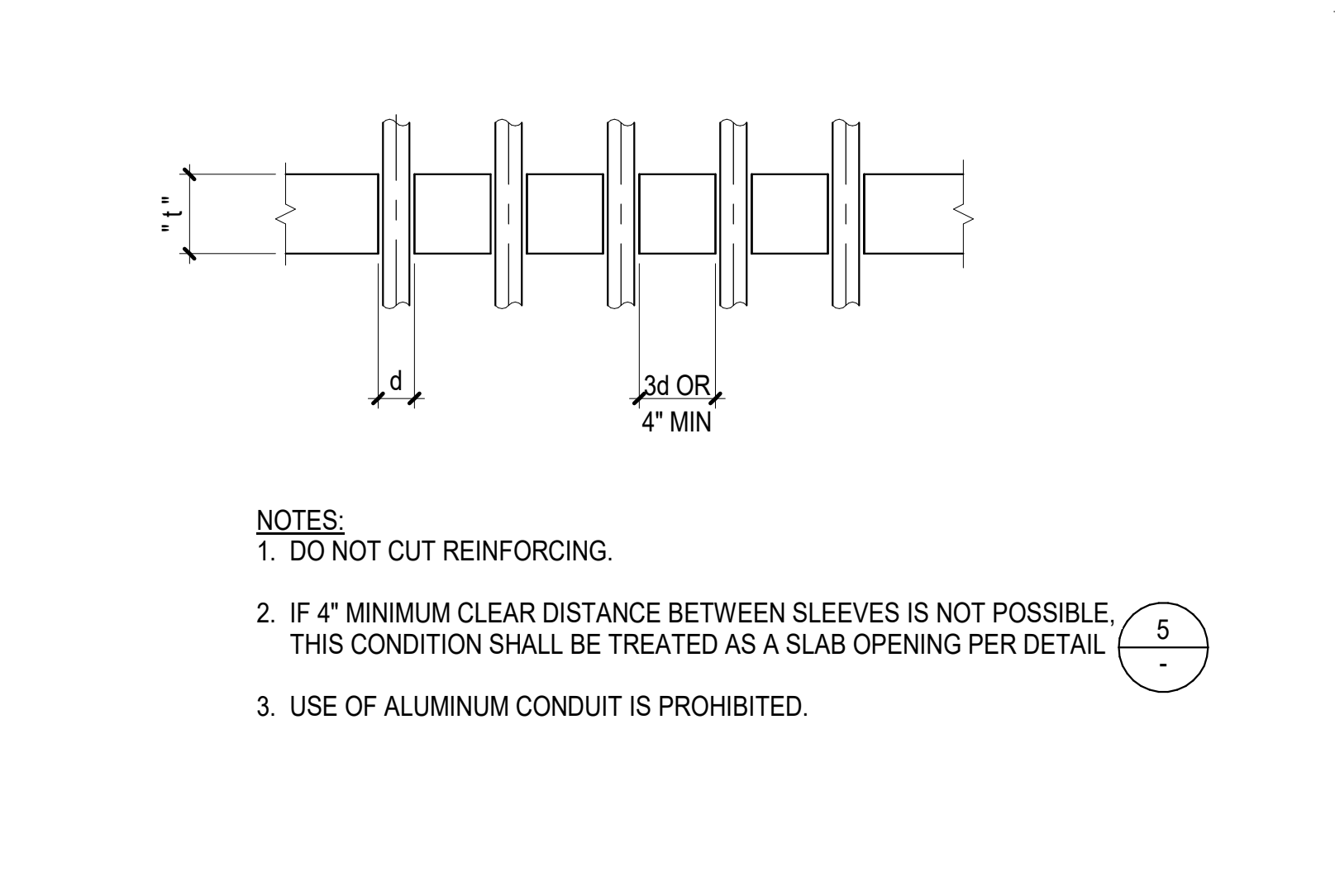
12 SECTION AT (E) THICKENED SLAB 1" = 1'-0"



9 THICKENED SLAB AT NON-BEARING WALL 1" = 1'-0"

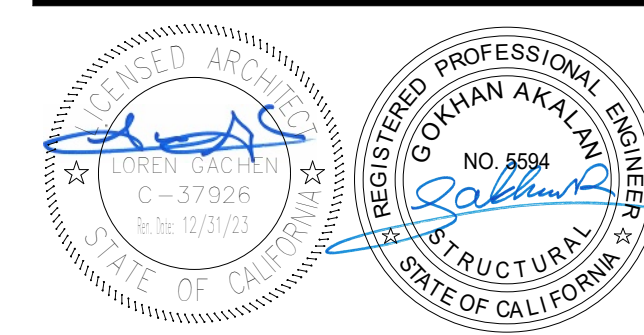


6 CURBS AND HOUSEKEEPING PADS AT (E) S.O.G NTS



3 PIPING & CONDUIT THROUGH SLAB NTS

NOTES:
1. DO NOT CUT REINFORCING.
2. IF 4" MINIMUM CLEAR DISTANCE BETWEEN SLEEVES IS NOT POSSIBLE, THIS CONDITION SHALL BE TREATED AS A SLAB OPENING PER DETAIL 4.
3. USE OF ALUMINUM CONDUIT IS PROHIBITED.



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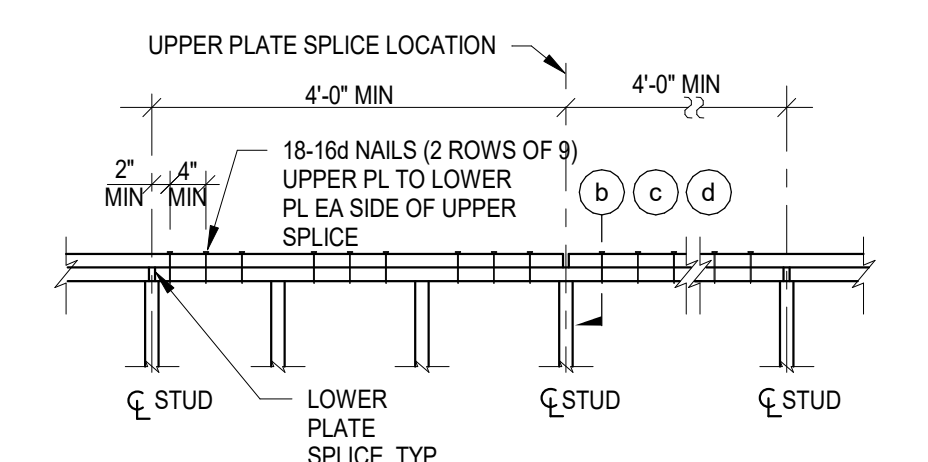
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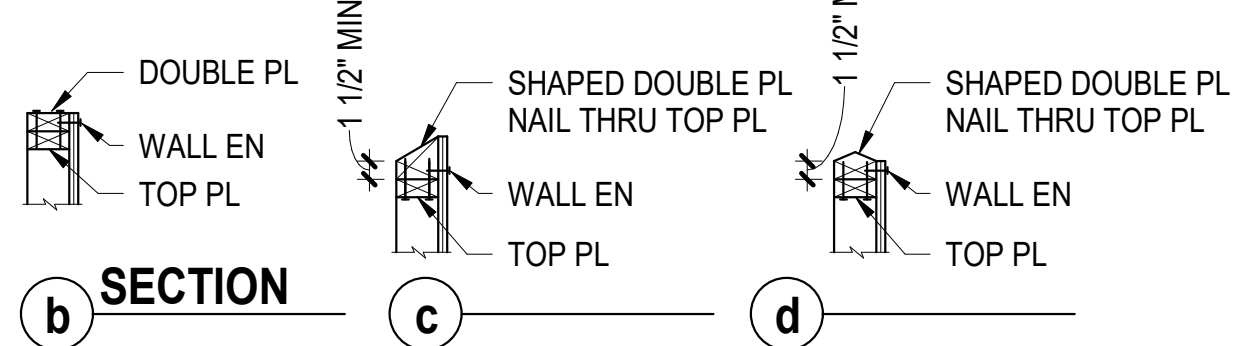
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WOOD FRAMING
DETAILS

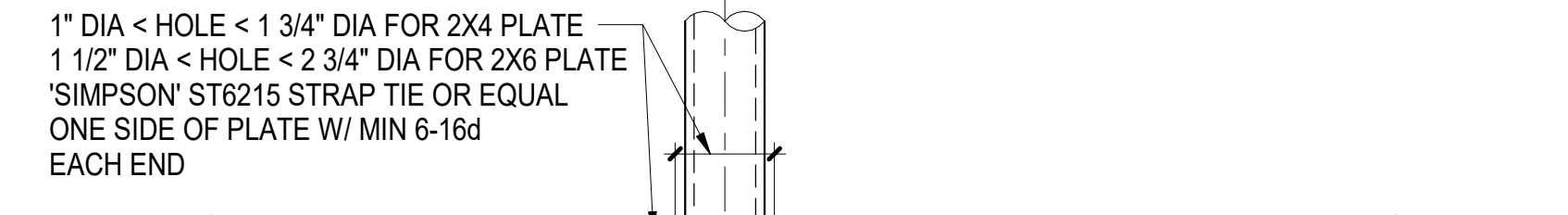
DRAWING NUMBER: **S8.0**



10 TYPICAL DOUBLE TOP PLATE SPLICE

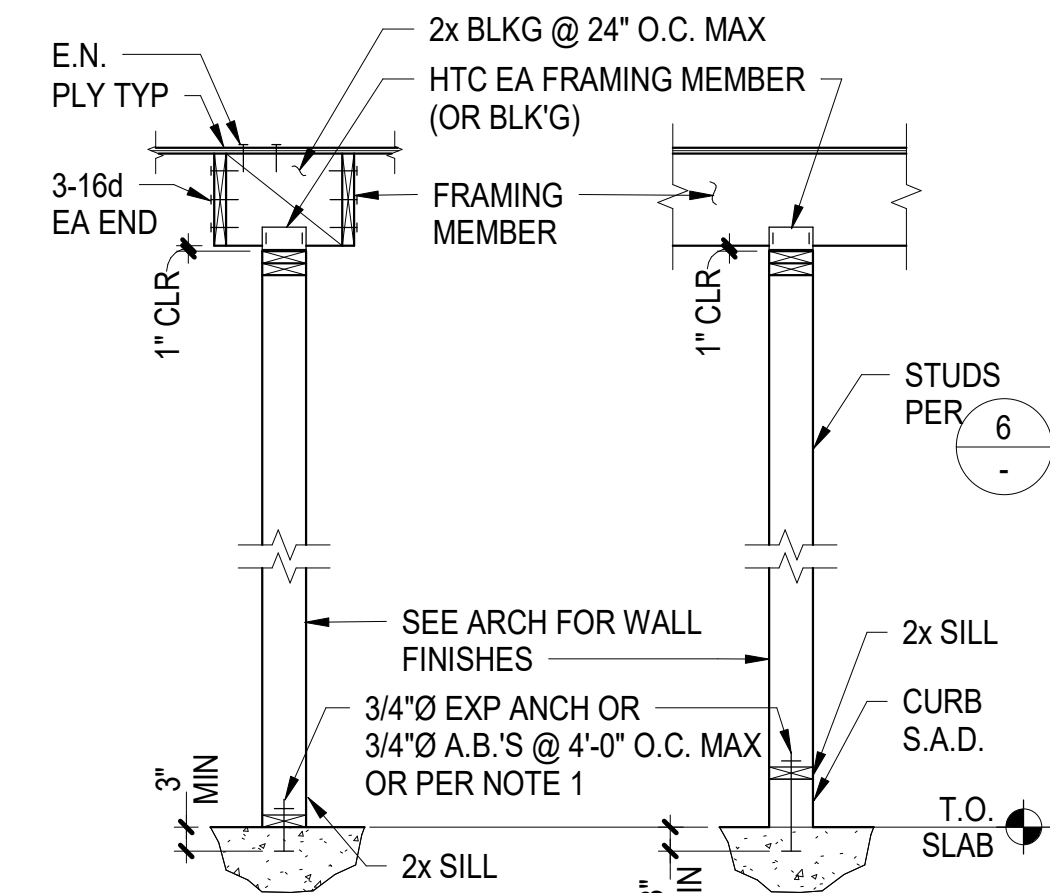


b SECTION



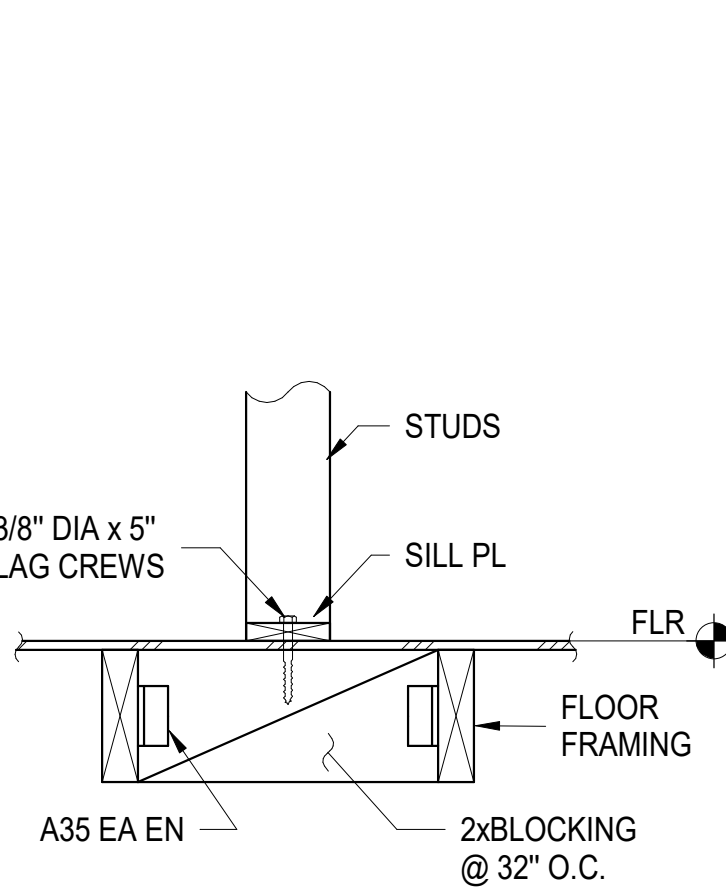
7 TOP PLATE PENETRATIONS

NOTES:
1. CENTER HOLE IN TOP PLATES
2. NO STRAPS REQUIRED FOR HOLES < 1" DIA FOR 2X4 PLATE HOLES < 1 1/2" DIA FOR 2X6 PLATE



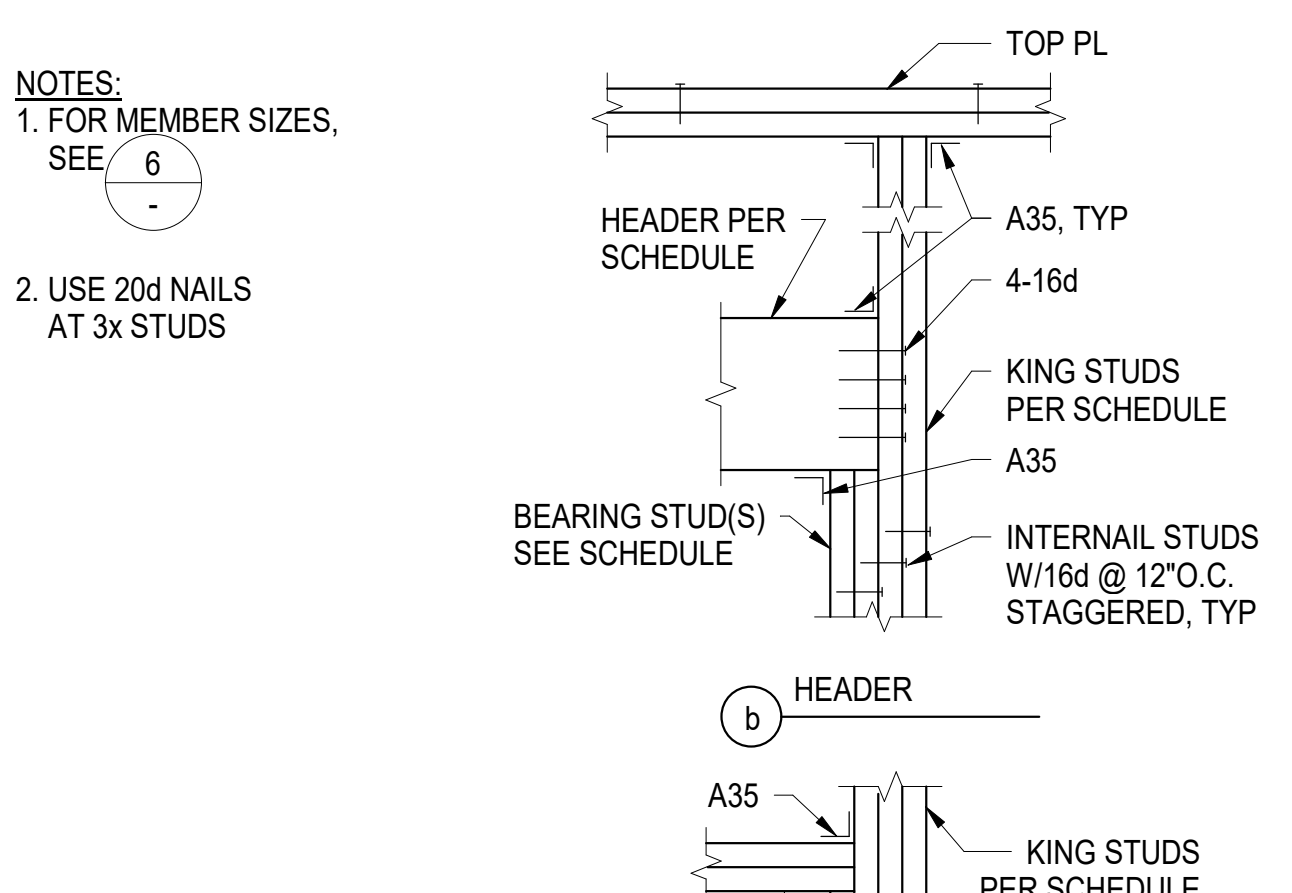
4 NON-BEARING WALL PARTITION

NOTES:
1. SEE DETAIL 6 ON THIS SHEET FOR TYPICAL WALL FRAMING.
2. FOR PARTITION WALL INTERSECTION DETAILS & STUD CONFIGURATIONS SEE 5&6
3. USE HILTI X-U 0.145" DIA. @ 2'-0" O.C. AS ALTERNATIVE TO EXP AND A.B.'S AT CONTRACTOR'S OPTION.



1 WALL OPENING

NOTES:
1. FOR MEMBER SIZES, SEE 6
2. USE 20d NAILS AT 3x STUDS



a BASE AT WINDOW OPENING

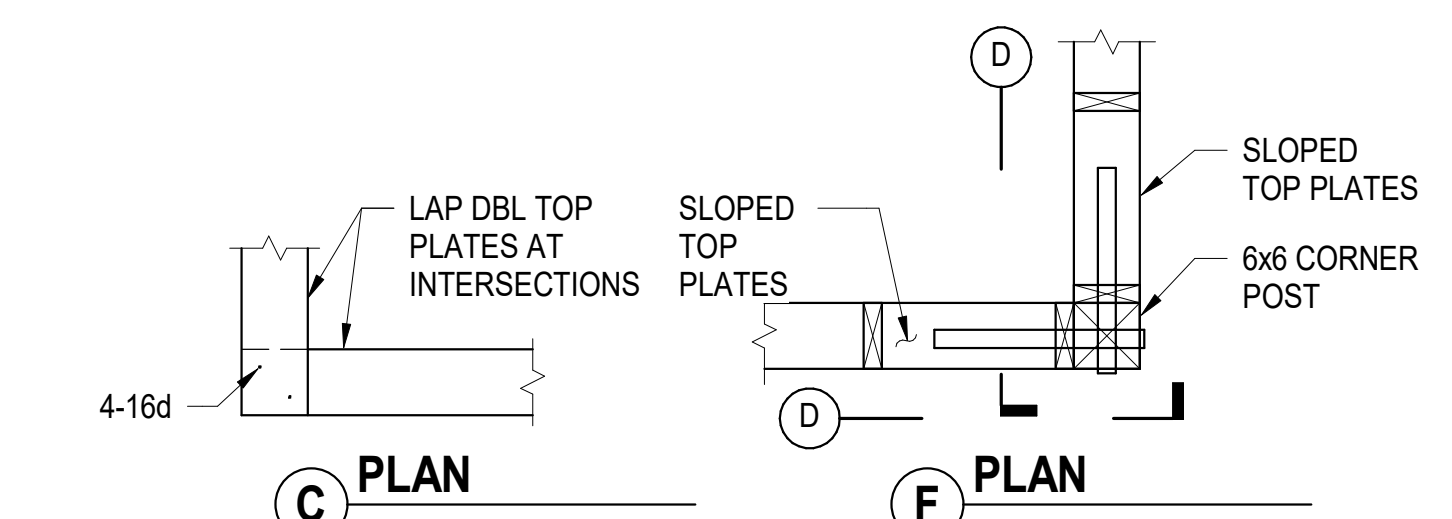
c BASE AT DOOR OPENING

10 DOUBLE TOP PLATE SPLICE

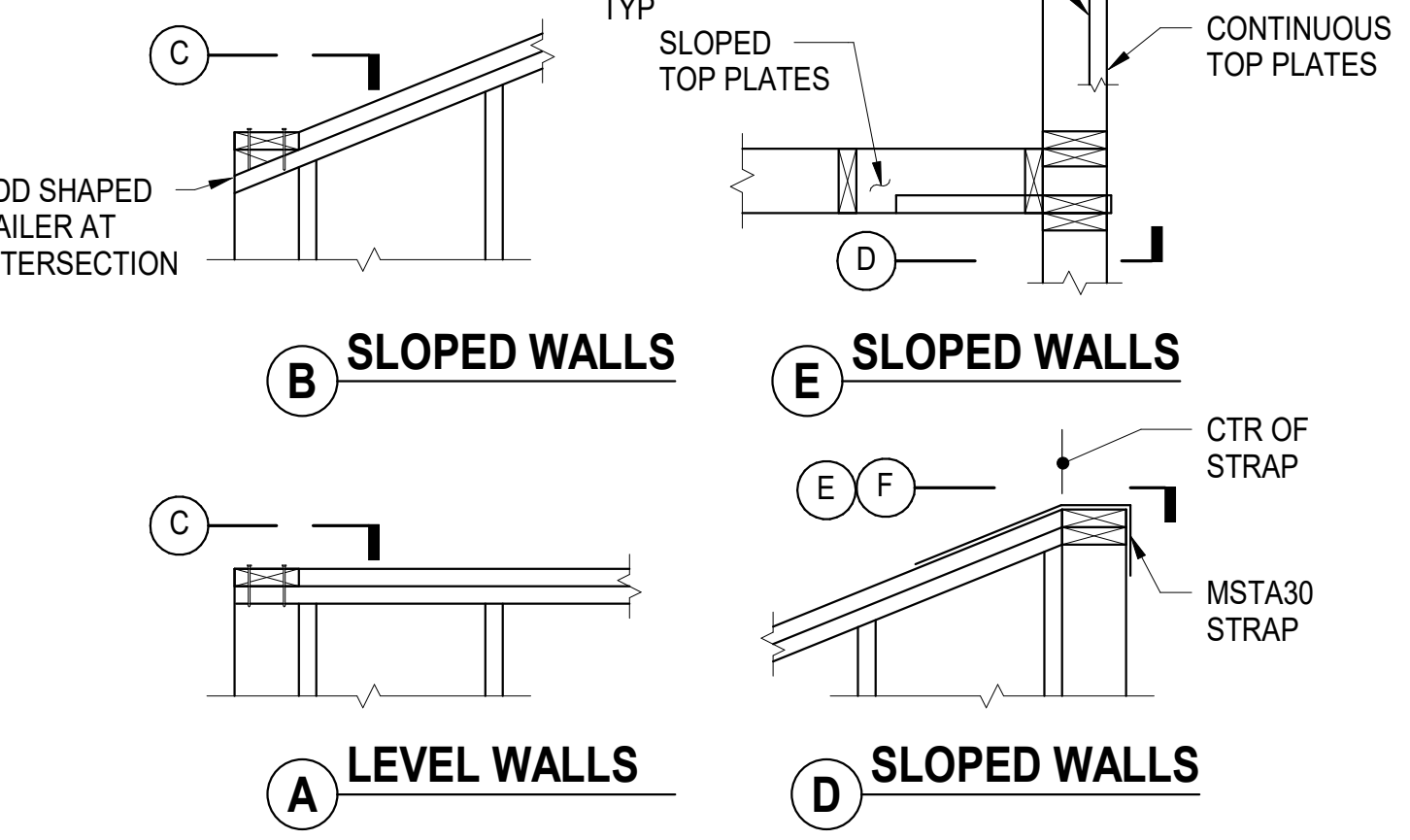
7 TOP PLATE PENETRATIONS

4 NON-BEARING WALL PARTITION

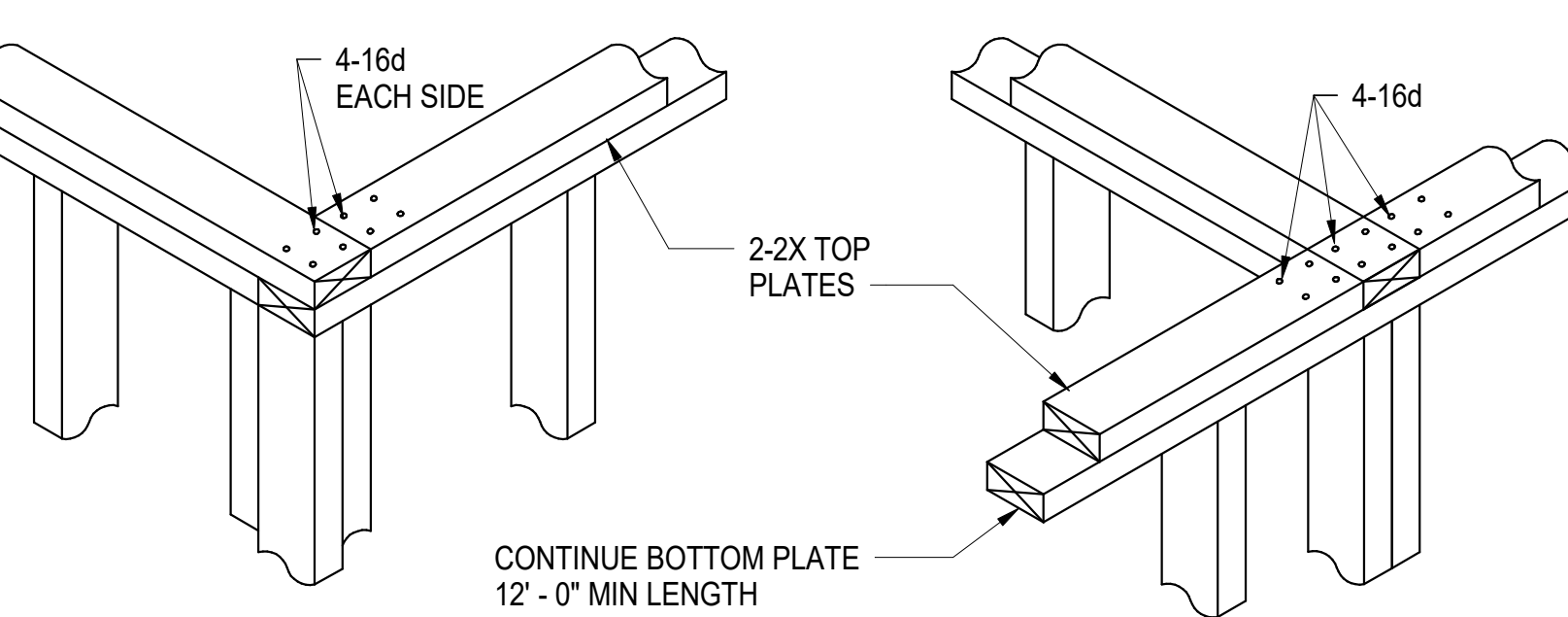
1 WALL OPENING



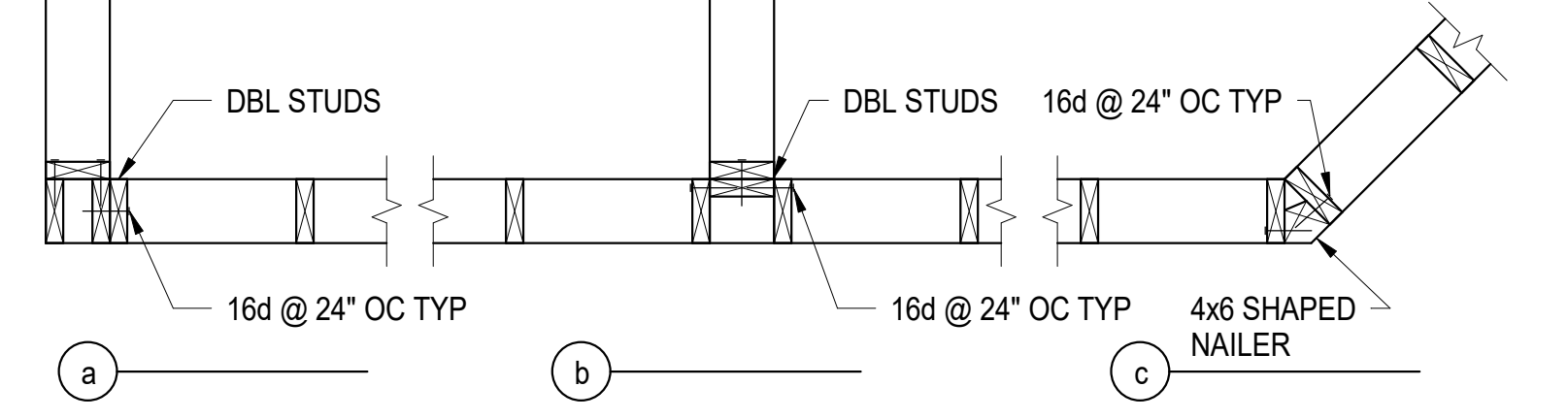
8 TOP PLATE INTERSECTIONS



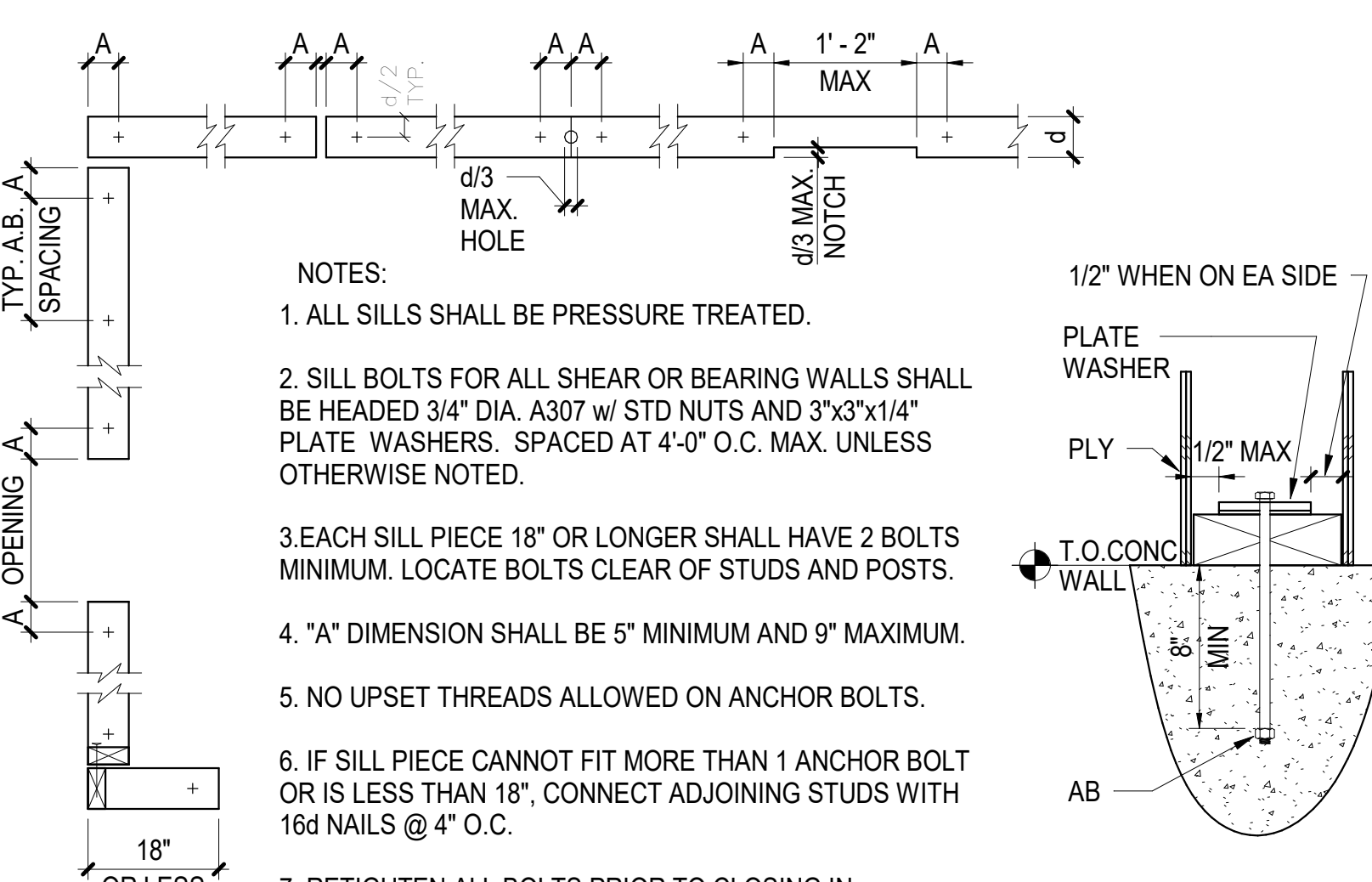
A LEVEL WALLS



5 WALL INTERSECTIONS



a



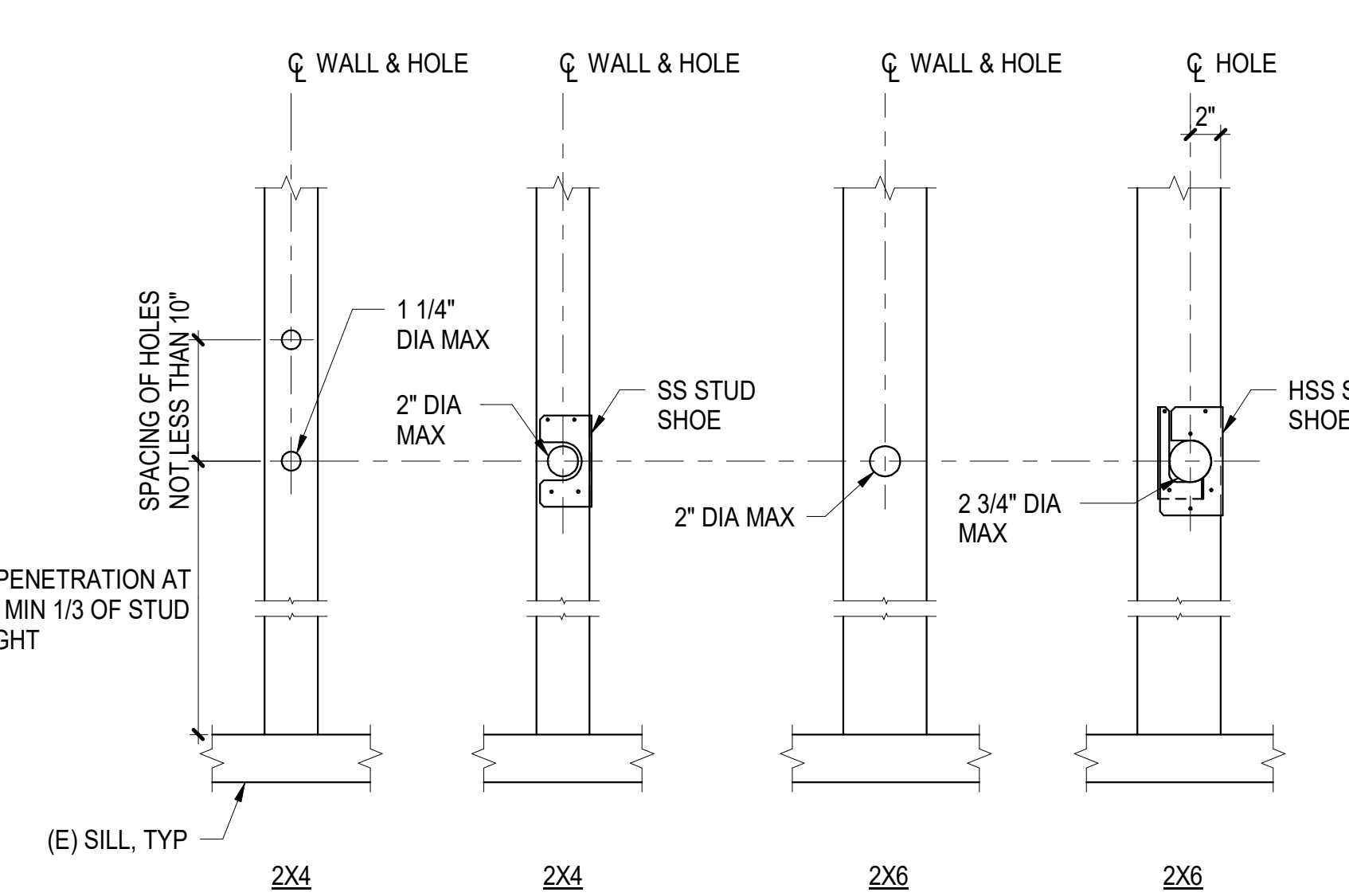
2 ANCHOR BOLT AND SILL PLATE

NOTES:
1. ALL SILLS SHALL BE PRESSURE TREATED.
2. SILLS BOLTS FOR ALL SHEAR OR BEARING WALLS SHALL BE HEADED 3/4" DIA. A307 w/ STD NUTS AND 3"x3"x1/4" PLATE WASHERS. SPACED AT 4'-0" O.C. MAX. UNLESS OTHERWISE NOTED.
3. EACH SILL PIECE 18" OR LONGER SHALL HAVE 2 BOLTS MINIMUM. LOCATE BOLTS CLEAR OF STUDS AND POSTS.
4. "A" DIMENSION SHALL BE 5" MINIMUM AND 9" MAXIMUM.
5. NO UPSET THREADS ALLOWED ON ANCHOR BOLTS.
6. IF SILL PIECE CANNOT FIT MORE THAN 1 ANCHOR BOLT OR IS LESS THAN 18", CONNECT ADJOINING STUDS WITH 16d NAILS @ 4" O.C.
7. RETIGHTEN ALL BOLTS PRIOR TO CLOSING IN.
8. PROVIDE 3/4" EPOXY THREADED RODS WHERE NEW SHEAR OR BEARING WALLS ARE INSTALLED OVER (E) FTGS. SEE NOTE 2 FOR SPACING. SEE GENERAL NOTES FOR EPOXY TYPE

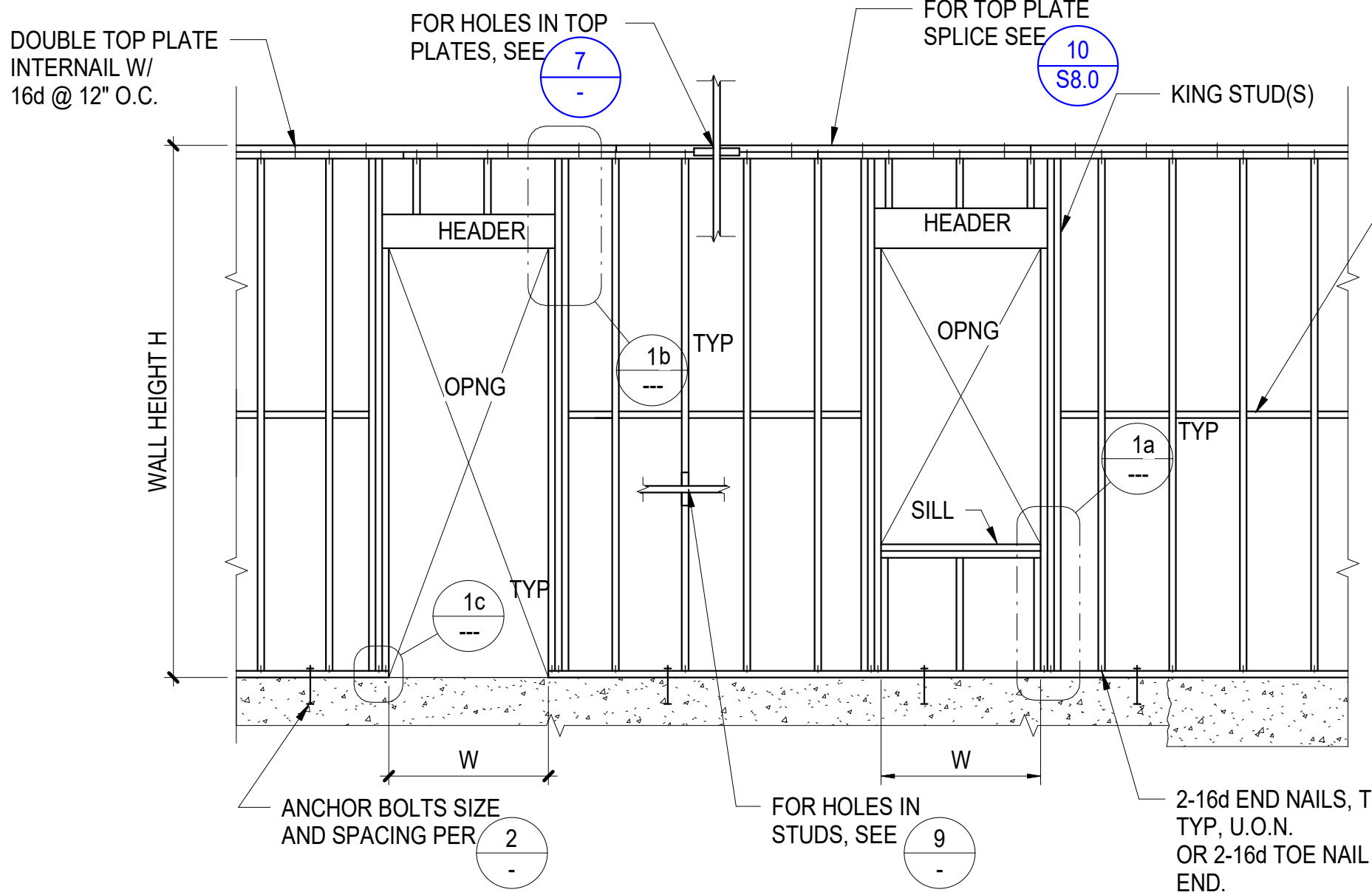
8 TOP PLATE INTERSECTIONS

5 WALL INTERSECTIONS

2 ANCHOR BOLT AND SILL PLATE



9 PENETRATIONS IN STUDS



6 TYPICAL WALL FRAMING

| WALL STUD SCHEDULE | | |
|--------------------|-----------|---------|
| WALL HEIGHT | STUD SIZE | SPACING |
| H < 15'-0" | 2x6 | 16" |

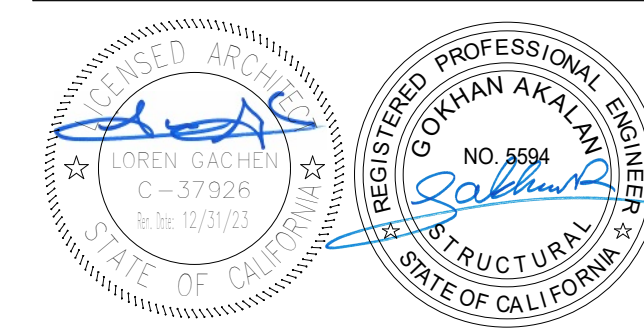
| WALL SCHEDULE AT OPENINGS | | | | |
|---------------------------|--------------|--------------|-----------------|------|
| OPENING WIDTH | KING STUD(S) | HEADER DEPTH | BEARING STUD(S) | SILL |
| W < 6'-0" | 2-2x | 6x | 1-2x | 2-2x |
| W < 8'-0" | 2-2x | 10x | 2-2x | 2-2x |
| W < 14'-0" | 2-2x | PER PLAN | 2-2x | 2-2x |

NOTE: STUD, SILL, AND HEADER WIDTHS TO MATCH WALL FRAMING SIZE.

9 PENETRATIONS IN STUDS

6 TYPICAL WALL FRAMING

2 ANCHOR BOLT AND SILL PLATE



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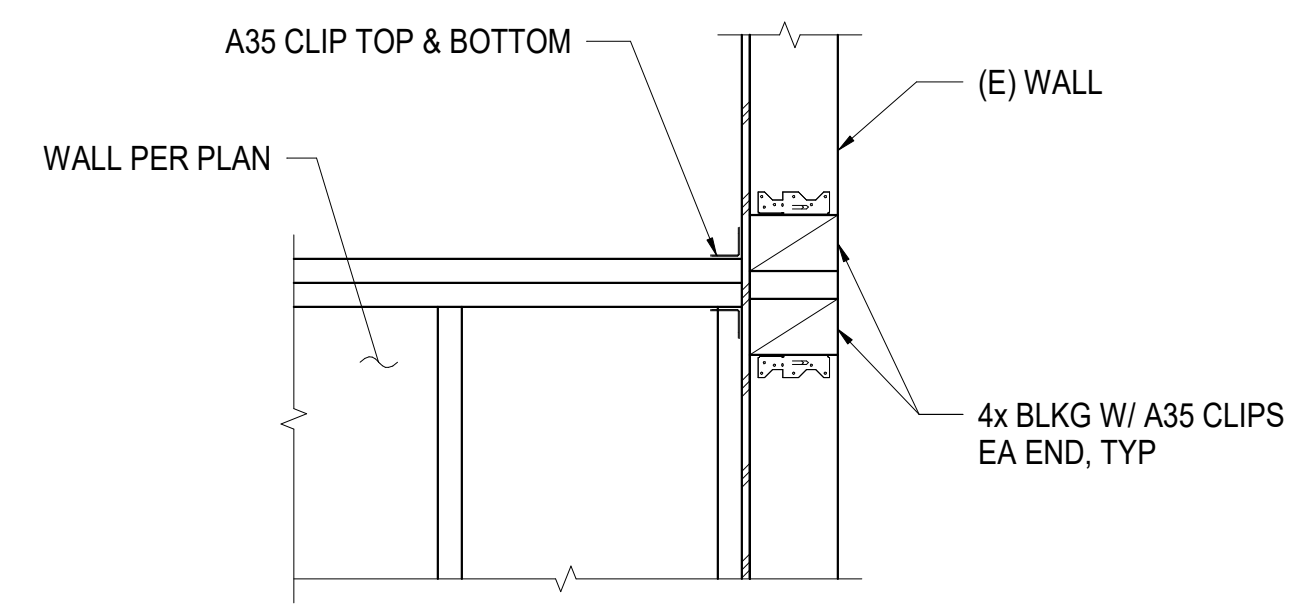
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CITY ENGINEER

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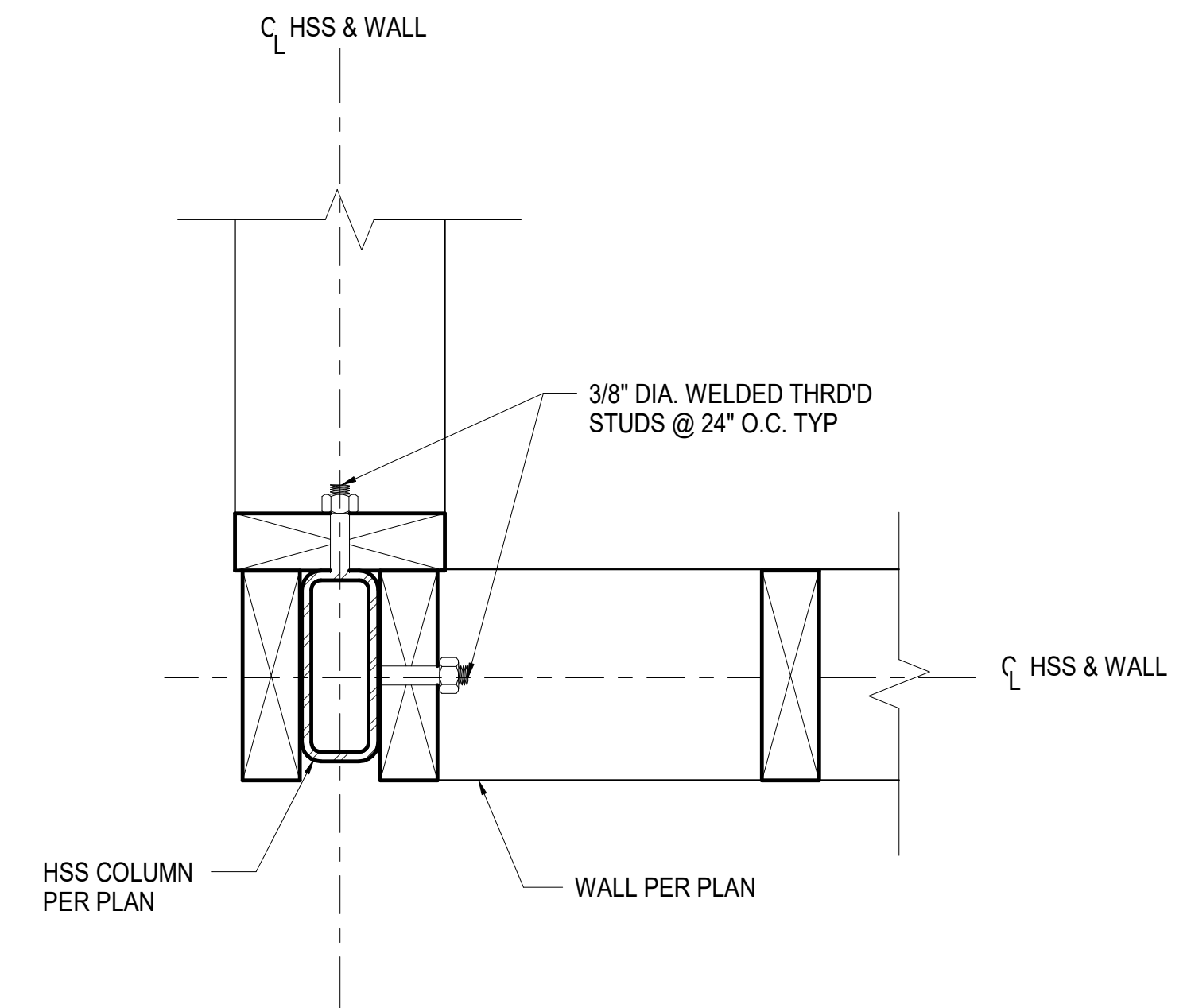
DRAWN: Author CHECKED: Checker
DATE: 02/25/2022 SCALE: As indicated
PROJECT NUMBER: 2010200

FRAMING DETAILS

DRAWING NUMBER: **S8.1**



4 DOUBLE TOP PLATE CONNECTION TO (E) WALL 1" = 1'-0"

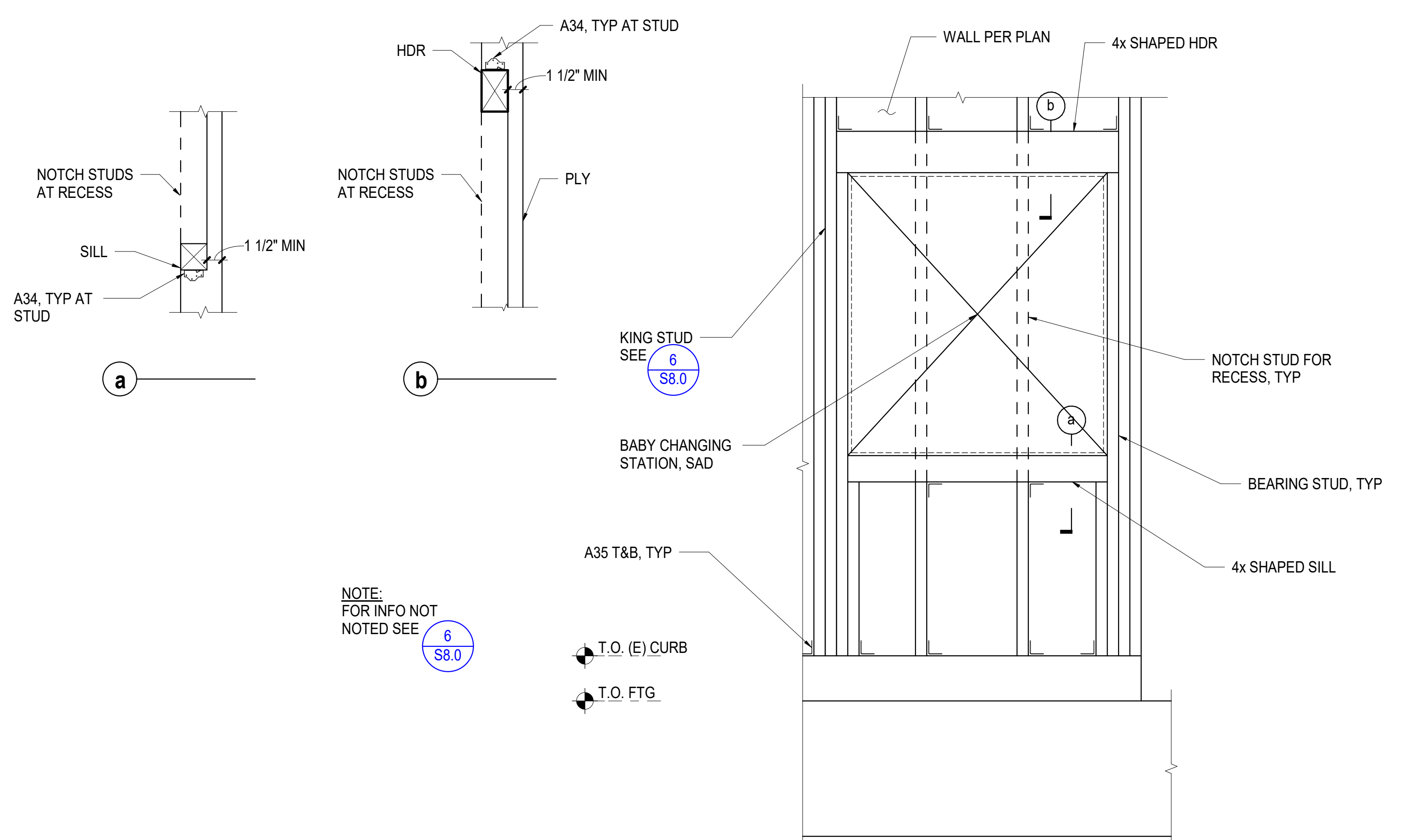


1 HSS POST CONNECTION 3" = 1'-0"

| CONNECTION | NAILING a,m |
|--|--|
| 1. Joist to sill or girder, toenail | 3-8d |
| 2. Bridging to joists, toenail each end | 2-8d |
| 3. 1" x 6" subfloor or less to each joist, face nail | 2-8d |
| 4. Wider than 1" x 6" subfloor to each joist, face nail | 3-8d |
| 5. 2" subfloor to joist or girder, blind and face nail | 2-16d |
| 6. Sole plate to joist or blocking, typical face nail Sole plate to joist or blocking, at braced wall panels | 16d at 16" o.c. 3-16d per 16" |
| 7. Top plate to stud, end nail | 2-16d |
| 8. Stud to sole plate | 4-8d, toenail or 2-16d, end nail(s) |
| 9. Double studs, face nail | 16d at 24" o.c. |
| 10. Double top plates, typical face nail | 16d at 16" o.c. |
| 11. Blocking between joists or rafters to top plate, toenail | 3-8d |
| 12. Rim joist to top plate, toenail | 8d at 6" o.c. |
| 13. Top plates, laps and intersections, face nail | 2-16d |
| 14. Continuous header, two pieces | 16d at 16" o.c. along each side |
| 15. Ceiling joists to plate, toenail | 3-8d |
| 16. Continuous header to stud, toenail | 4-8d |
| 17. Ceiling joist, laps over partitions, face nail | 3-16d ^d |
| 18. Ceiling joists to parallel rafters, face nail | 3-16d ^d |
| 19. Joist or rafters at all bearings-toenails, each side | 3-8d ^d |
| 20. 1" brace to each stud and plate, face nail | 2-8d |
| 21. 1" x 8" sheathing or less to each bearing, face nail | 3-8d |
| 22. Wider than 1" x 8" sheathing to each bearing, face nail | 3-8d |
| 23. Built-up corner studs | 16d at 24" o.c. |
| 24. Built-up girder and beams ⁵ | 20d at 32" o.c. face nail at top & bottom & staggered 2-20d face nail at ends & at each splice |
| 25. 2" planks | 16d at each bearing |
| 26. Collar tie to rafter, face nail | 3-10d |
| 27. Jack rafter to hip, toenail Jack rafter to hip, toenail | 3-10d 2-16d |
| 28. Roof rafter to 2-by ridge beam, toenail Roof rafter to 2-by ridge beam, face nail | 2-16d 2-16d |
| 29. Joist to band joist, face nail | 3-16d |
| 30. Ledger strip, face nail | 3-16d |
| 31. Wood structural panels and particleboard Subfloor, roof and wall sheathing (to framing): 1/2" and less 1 1/2" - 3/4" 3/4" and less 7/8" - 1" 1 1/8" - 1 1/4" Combination subfloor-underlayment (to framing): 3/4" and less 7/8" - 1" 1 1/8" - 1 1/4" | 6d ^c 8d ^d or 6d ^e 8d ^f 10d ^d or 8d ^d 6d ^e 8d ^f 10d ^d or 8d ^e |
| 32. Panel siding (to framing): 1/2" or less 5/8" | 6d ^f 8d ^f |
| 33. Fiberboard Sheathing ^g 1/2" 25/32" | No. 11 gd ^h 6d ^f No. 16 gd. No. 11 gd ^h 8d ^f No. 16 gd. |
| 34. Interior panelling 1/4" 3/8" | 4d ⁱ 6d ^k |

6 NAILING SCHEDULE NTS

- FOOTNOTES:
- USE COMMON WIRE NAILS EXCEPT WHERE OTHERWISE STATED.
 - NAILS SPACED AT 6 INCHES ON CENTER AT EDGES. 12 INCHES AT INTERMEDIATE SUPPORTS EXCEPT 6 INCHES AT ALL SUPPORTS WHERE SPANS ARE 48 INCHES OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAPHRAGMS AND SHEAR WALLS. REFER TO SECTIONS 2305. NAILS FOR WALL SHEATHING MAY BE COMMON, BOX OR CASING.
 - COMMON OR DEFORMED SHANK. (6d-2", 8d-2 1/2", 10d-3")
 - COMMON. (6d-2", 8d-2 1/2", 10d-3")
 - DEFORMED SHANK. (6d-2", 8d-2 1/2", 10d-3")
 - CORROSION-RESISTANT SIDING OR CASING NAILS CONFORMING TO THE REQUIREMENTS OF SECTION 2304.9.5.
 - FASTENERS SPACED 3 INCHES ON CENTER AT EXTERIOR EDGES AND 6 INCHES ON CENTER AT INTERMEDIATE SUPPORTS. WHEN USED AS STRUCTURAL SHEATHING SPACING SHALL BE 6 INCHES ON CENTER ON THE EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS FOR NON STRUCTURAL APPLICATIONS.
 - CORROSION-RESISTANT ROOFING NAILS WITH 7/16" INCH-DIAMETER HEAD AND 1 1/2"-INCH LENGTH FOR 1/2"-INCH SHEATHING AND 1 3/4"-INCH LENGTH FOR 25/32"-INCH SHEATHING CONFORMING TO THE REQUIREMENTS OF SECTION 2304.9.5.
 - CORROSION-RESISTANT STAPLES WITH NOMINAL 7/16"-INCH CROWN AND 1 1/8"-INCH LENGTH FOR 1/2"-INCH SHEATHING AND 1 1/2"-INCH LENGTH FOR 25/32"-INCH SHEATHING CONFORMING TO THE REQUIREMENTS OF SECTION 2304.9.5.
 - CASING OR FINISH NAILS SPACED 6-INCHES ON PANEL EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS.
 - PANEL SUPPORTS AT 24". CASING OR FINISH NAILS SPACED 6" ON PANEL EDGES, 12" AT INTERMEDIATE SUPPORTS.
 - FOR ROOF SHEATHING APPLICATIONS, 8D NAILS ARE THE MINIMUM REQUIRED FOR WOOD STRUCTURAL PANELS.
 - STAPLES SHALL HAVE A MINIMUM CROWN WIDTH OF 7/16 INCH.
 - FOR ROOF SHEATHING APPLICATIONS, FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS.
 - FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS FOR SUBFLOOR AND WALL SHEATHING AND 3 INCHES ON CENTER AT EDGES, 6 INCHES AT INTERMEDIATE SUPPORTS FOR ROOF SHEATHING.
 - FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS.
 - FOR ROOF SLOPES 3:12 OR GREATER IN WHICH CEILING JOISTS SERVE AS A TIE FOR ROOF RAFTERS, MINIMUM NAILING PER CBC TABLE 2308.10.4.1.
 - FOR ROOF SLOPES 3:12 OR GREATER IN WHICH CEILING JOISTS SERVE AS A TIE FOR ROOF RAFTERS, MINIMUM NAILING MUST BE ADEQUATE TO WITHSTAND MINIMUM WIND UPLIFT PER CBC TABLE 2308.10.1.
 - AT 3X SOLE, 2-20D END NAILS SHALL BE USED IN PLACE OF 2-16D END NAILS.



12 ELEVATION AT BABY CHANGING STATION 1" = 1'-0"

NTS

MECHANICAL GENERAL NOTES

- 1. ENTIRE INSTALLATION SHALL CONFORM TO REQUIREMENTS OF 2016 CALIFORNIA MECHANICAL CODE... 2. 2016 CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN) CODE INCLUDING APPLICABLE MANDATORY MEASURES... 3. ENTIRE INSTALLATION SHALL CONFORM TO REQUIREMENTS OF 2016 CALIFORNIA MECHANICAL CODE... 4. COORDINATE ENTIRE INSTALLATION OF HVAC SYSTEM WITH WORK OF ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION... 5. COORDINATE LOCATIONS OF ALL CEILING DIFFUSERS, REGISTERS, AND GRILLES WITH ARCHITECTURAL REFLECTIVE CEILING PLAN... 6. CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER OF CONSTRUCTION PHASING PRIOR TO START OF CONSTRUCTION... 7. ALL EQUIPMENT, DUCTS, PIPING, AND OTHER DEVICES AND MATERIALS INSTALLED OUTSIDE OF BUILDING OR OTHERWISE EXPOSED TO WEATHER SHALL BE COMPLETELY WEATHER-PROOFED AND PAINTED TO MATCH... 8. NOT USED... 9. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH AND BE CONSIDERED TO BE PART OF A SEPARATE AND COMPLETE MECHANICAL SPECIFICATION... 10. ALL DIMENSIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND MUST BE CONFIRMED ON SITE... 11. PRIOR TO OCCUPANCY, THE ENTIRE H.V.A.C. SYSTEMS SHALL BE BALANCED IN ACCORDANCE WITH ASSOCIATED AIR BALANCE COUNCIL (AABC) STANDARDS... 12. FOR INACCESSIBLE AREAS CONTRACTOR SHALL PROVIDE ACCESS PANELS FOR ALL DAMPERS, EQUIPMENT, SMOKE DETECTORS, AND CONTROL DEVICES... 13. ALL EQUIPMENT, ACCESSORIES, AND RELATED PIPING SHALL BE INSTALLED IN STRICT ACCORDANCE WITH EQUIPMENT MANUFACTURER'S RECOMMENDATIONS... 14. MAINTENANCE LABEL SHALL BE AFFIXED TO ALL MECHANICAL EQUIPMENT AND A MAINTENANCE MANUAL SHALL BE PROVIDED FOR THE OWNER'S USE... 15. PROVIDE 30% MIN. EFFICIENCY THROUGHWAY FILTERS FOR ALL AIR CONDITIONING UNITS... 16. ALL EQUIPMENT WITH MOVING PARTS SHALL BE PROVIDED WITH FLEXIBLE DUCT AND PIPE CONNECTIONS... 17. ALL EQUIPMENT SHALL BE LABELED AS TO SPACE IT SERVES... 18. ALL HVAC EQUIPMENT SHALL BE CERTIFIED BY CALIFORNIA ENERGY COMMISSION (CEC) TO COMPLY WITH LATEST EFFICIENCY STANDARDS... 19. ALL FRESH AIR INTAKES SHALL MEET CODE REQUIRED CLEARANCES FROM EXHAUST, FLUE, FUEL BURNING APPLIANCE, AND PLUMBING VENT OUTLETS... 20. ALL AIR HANDLING EQUIPMENT SERVING CONDITIONED SPACES SHALL PROVIDE CONTINUOUS FRESH AIR TO SPACES IN OCCUPIED MODE... 21. CONTRACTOR SHALL VERIFY ALL CLEARANCES AND AVAILABLE SPACE FOR DUCTWORK PRIOR TO ORDERING AND/OR FABRICATING MATERIAL... 22. CONTRACTOR TO SUBMIT ALL EQUIPMENT, DUCTWORK, AIR DISTRIBUTION DEVICES, AND OTHER ACCESSORIES TO ENGINEER FOR APPROVAL PRIOR TO ANY ORDERING OF SUCH ITEMS... 23. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS WITHIN 45 DAYS OF AWARD OF CONTRACT... 24. CONTRACTOR SHALL BE RESPONSIBLE FOR COMMISSIONING EQUIPMENT AS INSTALLED ON MECH-1-C FORM ON PLANS UNLESS NOTED OTHERWISE... 25. PAINT EXPOSED SURFACES, WHETHER OR NOT COLORS ARE DESIGNATED IN SCHEDULES... 26. CONTROL SCHEMATICS ARE FOR SEQUENCE ONLY... 27. ALL LINE VOLTAGE WIRING SHALL BE INSTALLED IN CONDUIT... 28. ALL LOW VOLTAGE CONDUIT AND WIRING AS APPLICABLE... 29. CONTRACTOR SHALL BE RESPONSIBLE FOR ORDERING AIR CONDITIONING EQUIPMENT WITH THRU-THE-BASE POWER, CONTROL, AND GAS CONNECTIONS... 30. ALL THERMOSTATS SHALL HAVE LOCKABLE COVERS... 31. LINE VOLTAGE THERMOSTATS SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR... 32. CONTROLS CONTRACTOR AND AIR BALANCE CONTRACTOR SHALL COORDINATE WORK AND PERFORM NECESSARY TASKS... 33. CONTROLS SHALL BE PROVIDED TO PROVIDE THE MINIMUM RATE OF OUTDOOR AIR REQUIRED BY THE STATE ENERGY REGULATIONS... 34. ALL DUCTWORK SHALL BE SHEET METAL CONSTRUCTED OR SPIRAL, ERECTED, AND TESTED IN ACCORDANCE WITH THE MOST RESTRICTIVE OF LOCAL REGULATIONS... 35. ALL FLEXIBLE DUCTWORK SHALL NOT EXCEED 5'-0" IN LENGTH TO RESPECTIVE DIFFUSERS, GRILLES, AND REGISTERS... 36. PROVIDE SEISMIC RESTRAINTS TO ALL DUCTWORK, PIPE, AND EQUIPMENT SUPPORTS... 37. ALL DUCT TURNS IN SUPPLY, RETURN, AND EXHAUST DUCTS SHALL HAVE TURNING VANES UNLESS OTHERWISE NOTED... 38. DUCTWORK HANDLING CONDITIONED AIR SHALL BE INSULATED OR LINED AS INDICATED ON DRAWINGS... 39. ALL INSULATION SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND A SMOKE DENSITY NOT EXCEEDING 50... 40. MANUAL VOLUME DAMPER SHALL BE PROVIDED IN ALL DUCT BRANCHES TO INDIVIDUAL DIFFUSERS, GRILLES, AND REGISTERS... 41. ALL DUCTWORK, PIPING, CONDUIT, & ETC. PENETRATING FIRE RATED CONSTRUCTION SHALL HAVE APPROVED FIRE STOPPING... 42. BEFORE BIDDING ON THIS WORK, THE CONTRACTOR SHALL MAKE A CAREFUL EXAMINATION OF THE PREMISES... 43. CONTRACTOR SHALL VERIFY PRIOR TO CONSTRUCTION THE CONDITION OF EXISTING EQUIPMENT, DUCTWORK, ASSOCIATED CONTROLS, AND T-STATS... 44. BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS AND DIMENSIONS OF ALL EXISTING EQUIPMENT AND ELECTRICAL SERVICES... 45. ALL CONNECTIONS AND DISCONNECTIONS TO EXISTING EQUIPMENT SHALL BE MADE IN SUCH A MANNER THAT INTERRUPTION TIME SHALL BE KEPT TO A MINIMUM...

LEGEND

Table with columns: SYMBOL, ABBR., DESCRIPTION. Includes symbols for supply air riser, return air riser, exhaust air riser, existing supply air grille, existing return air grille, existing exhaust air grille, new supply air grille, new return air grille, new exhaust air grille, sidewall register, lined ductwork, flexible connection, flexible connection, new duct, existing duct, demo duct, manual volume damper, backdraft damper, smoke/fire damper, fire damper, door louver, undercutter door, refrigerant suction line, refrigerant liquid line, condensate drain, smoke detector, point of connection, thermostat, humidistat, temperature sensor, over-ride switch, pressure differential switch, switch, on center, hot-water return, hot-water supply, inside diameter, outside diameter, with, sheet metal, stainless steel, general contractor, vent thru roof, energy management system, opposed blade damper, fan speed control, items furnished and installed by electrical contractor, items furnished and installed by mechanical contractor, controls contractor, counter-balance damper, door switch.

MECHANICAL SHEET LIST

Table with columns: Sheet Number, Sheet Title. Lists sheets M0.1 (Mechanical General Notes and Legend), M2.0 (Mechanical Floor Plan - Demo & New), M3.0 (Mechanical Roof Plan), M6.1 (Mechanical Details). Includes sections for applicable codes and standards, seismic notes, and piping, ductwork, and electrical distribution system bracing notes.

EXHAUST FAN SCHEDULE

Table with columns: SYM, MFR & MODEL #, AREA SERVICED, CFM, ESP IN.W.G., FAN RPM, TIP SPEED FT/MIN, WATTS, ELECTRICAL, WT LBS, CONTROL DETAIL, REF. DETAIL, REMARKS. Lists exhaust fans for Women 101, Janitor 103, Men 102, Concession 104, and Office 105.



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APPLICABLE CODES AND STANDARDS

2016 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
2015 INTERNATIONAL BUILDING CODE VOLUME 1-3 AND 2016 CALIFORNIA AMENDMENTS
2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
2014 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS
2016 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
2015 NATIONAL MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS
2015 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
2015 INTERNATIONAL PLUMBING CODE AND 2016 CALIFORNIA AMENDMENTS
2016 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
2015 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS
2016 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
TITLE 19 C.C.R. PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

SEISMIC NOTES

MEP COMPONENT ANCHORAGE NOTE:
ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON APPROVED CONSTRUCTION DOCUMENTS...
1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRE) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

HONEYBEE POOL RENOVATION
CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



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VANESSA GARRETT P.E. CE84141 DATE
CITY ENGINEER

REVISION SCHEDULE table with columns: NO, DATE, BY, DESCRIPTION. Shows revisions for 5/25/2022 and 12/02/2022.

DRAWN: CHECKED:
DATE: 02/25/2022 SCALE:
PROJECT NUMBER: 2010200

MECHANICAL GENERAL NOTES AND LEGEND

DRAWING NUMBER: M0.1

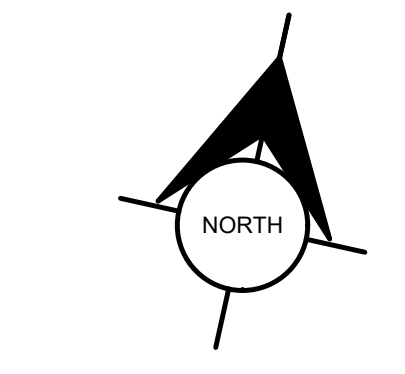
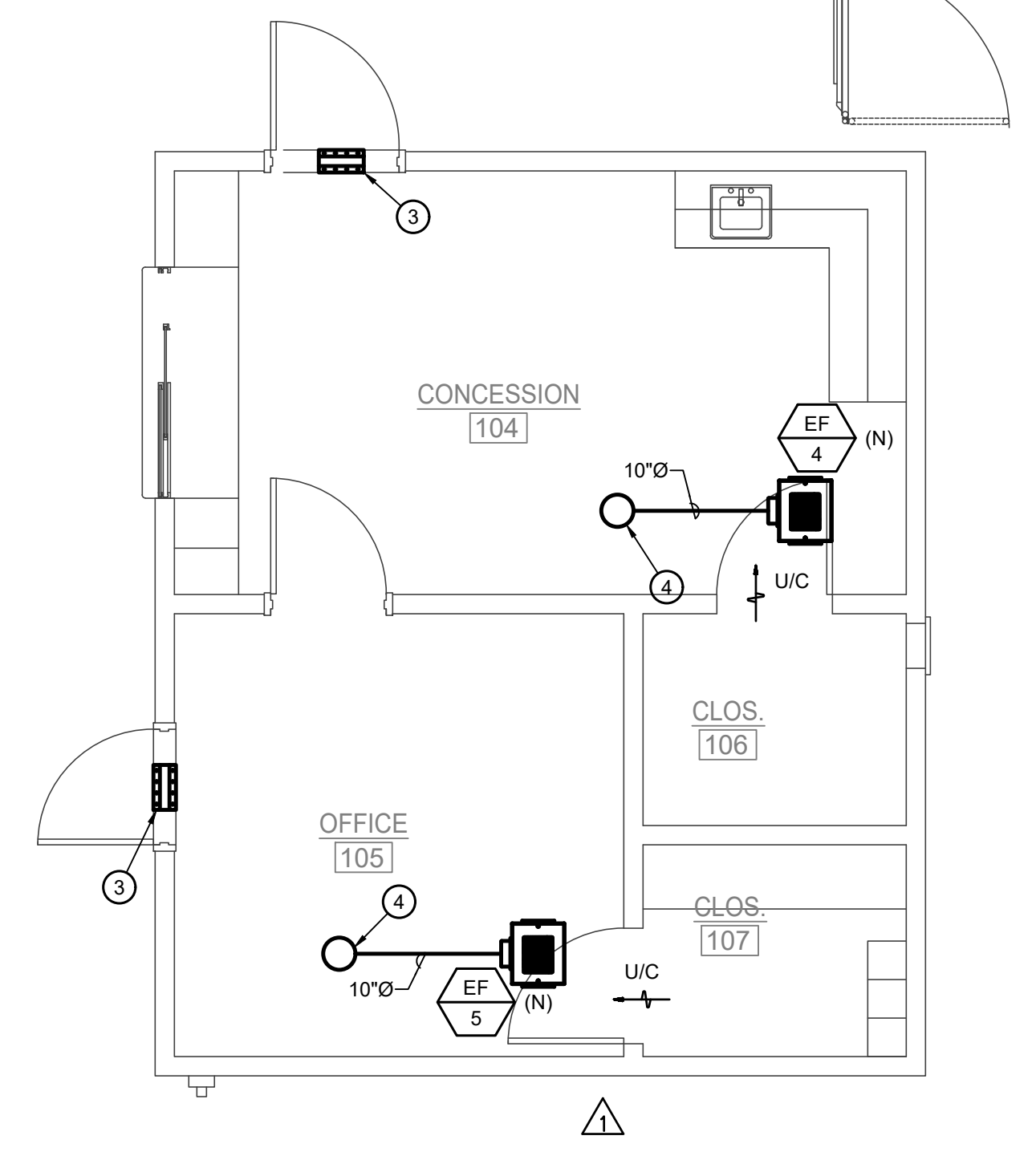
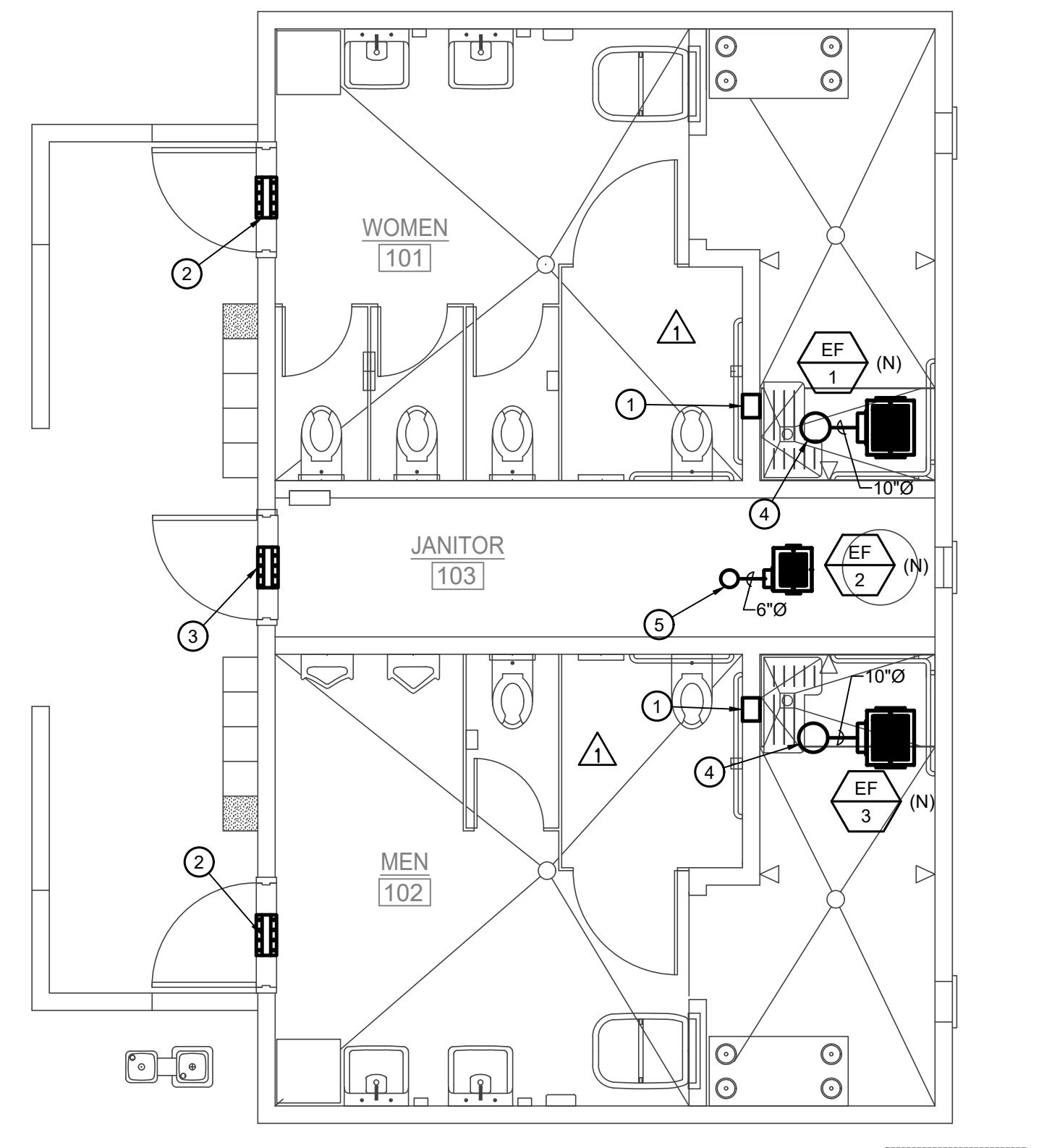
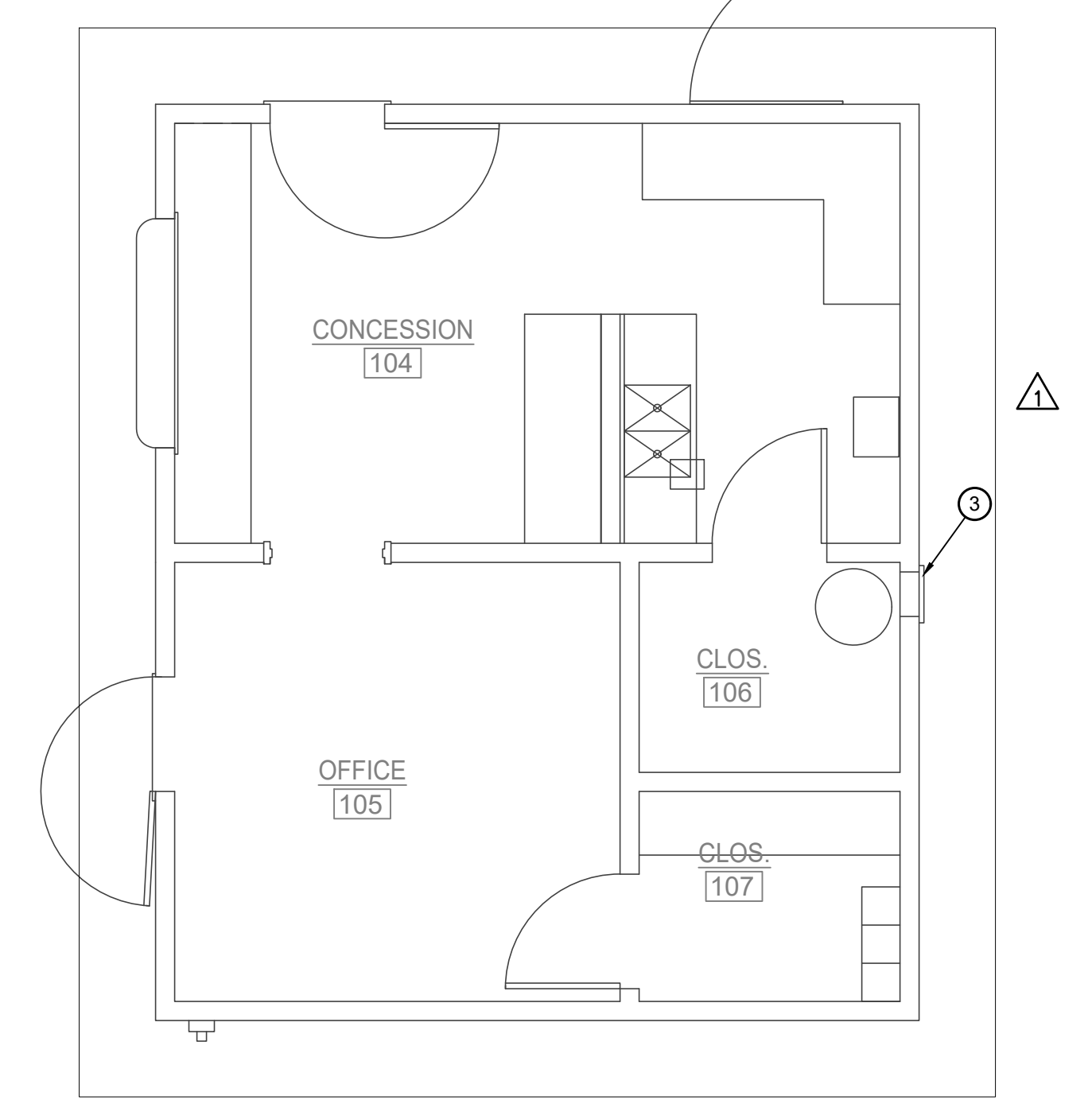
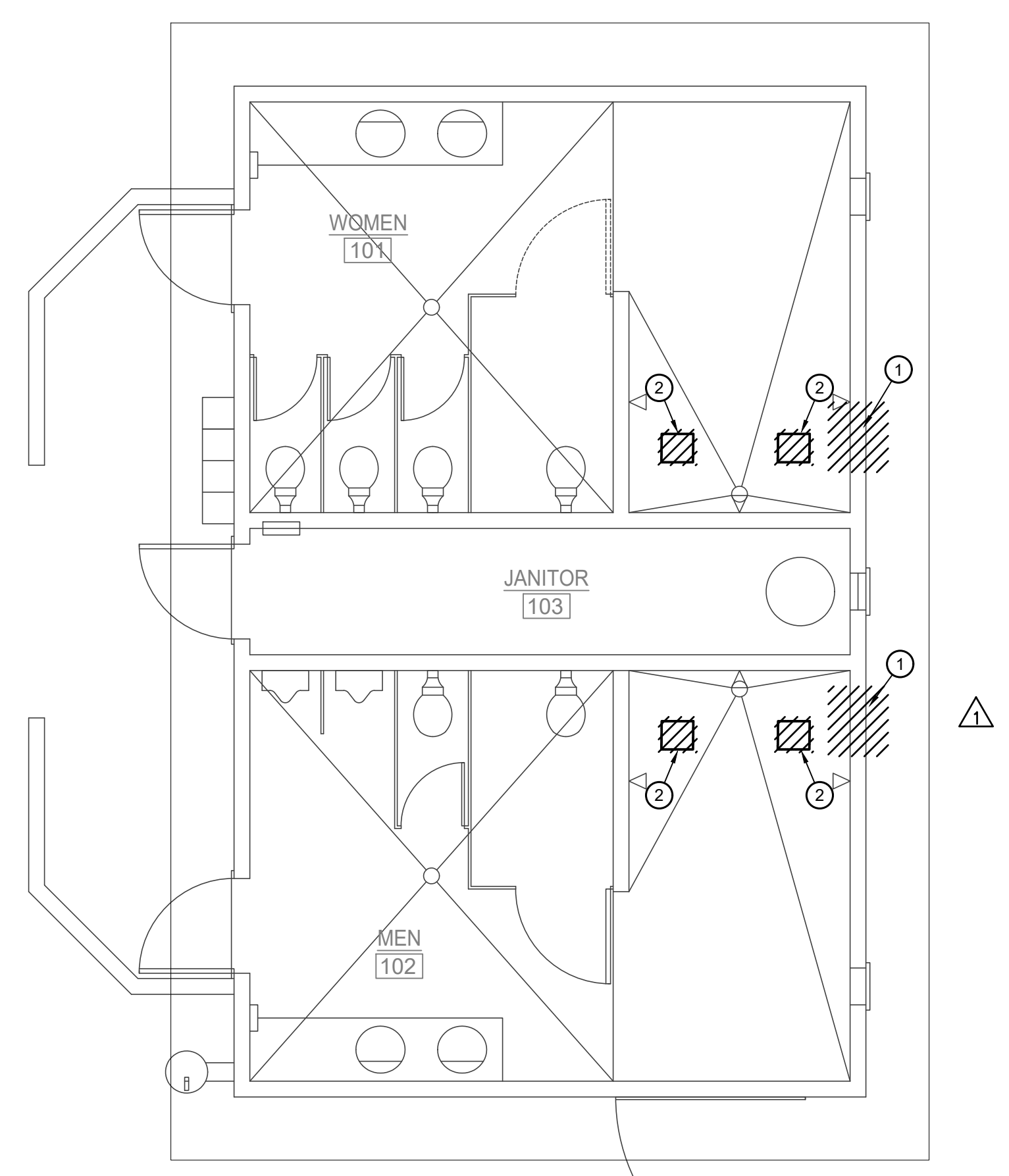


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HONEYBEE POOL RENOVATION
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ROHNERT PARK, CA 94928

NEW CONSTRUCTION GENERAL NOTES

1. PROVIDE IN-FILL AND PATCH WORK TO LARGER, UNUSED WALL & ROOF PENETRATIONS.
2. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES AS NECESSARY PRIOR TO INSTALLATION.
3. CONTRACTOR SHALL MAINTAIN PROPER CLEARANCES FROM ALL ELECTRICAL EQUIPMENT AND SERVICE CLEARANCES FOR MECHANICAL EQUIPMENT.
4. CONTRACTOR SHALL COORDINATE ALL LOCATIONS OF DUCT PENETRATIONS THRU SHEAR WALLS. ANY NEW PENETRATION REQUIRED WHICH DEVIATES FROM THE APPROVED PLANS DUE TO UNFORESEEN FIELD CONDITIONS, CONTRACTOR SHALL SUBMIT TO ADR, SEOR AND MEOR FOR REVIEW AND APPROVAL PRIOR TO PROCEEDING WITH ANY WORK.
5. CONTRACTOR SHALL REFER TO STRUCTURAL, MECHANICAL, AND ARCHITECTURAL PLANS FOR EXTERIOR LOUVER LOCATIONS. CONTACT THE ENGINEER IMMEDIATELY IF THERE ARE CONFLICTS PRIOR TO FABRICATION AND INSTALLATION AND REFER TO ARCHITECTURAL EXTERIOR ELEVATION PLANS FOR MOUNTING HEIGHTS. IF MOUNTING HEIGHTS ARE NOT IDENTIFIED ON THE ARCHITECTURAL PLANS, THEN THE CONTRACTOR SHALL RECEIVE FINAL APPROVAL FROM THE ARCHITECT PRIOR TO FABRICATION AND INSTALLATION.
6. ALL DUCTWORK PASSING THRU RATED CORRIDORS SHALL BE MIN. 26 GAGE SHEET METAL.
7. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS WITHIN 45 DAYS OF AWARD OF CONTRACT, IF SHOP DRAWINGS ARE NOT PROVIDED TO THE ENGINEER FOR APPROVAL, AND ANY CONFLICTS OCCUR BETWEEN TRADES, DURING CONSTRUCTION, & ETC. THEN, THE CONTRACTOR SHALL BE RESPONSIBLE AND BEAR ALL COST INCURRED FOR ANY REVISIONS, AT NO ADDITIONAL COST TO THE DISTRICT. THE DISTRICT AND ENGINEER SHALL BE NOTIFIED IMMEDIATELY PRIOR TO FABRICATION AND INSTALLATION OF ANY CONFLICTS BETWEEN TRADES, DURING CONSTRUCTION, & ETC.
8. CONTRACTOR SHALL PROVIDE FIRESTOPPING FOR PIPE AND DUCT PENETRATIONS THRU RATED WALLS. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES AS NECESSARY PRIOR TO INSTALLATION.
9. CONTRACTOR SHALL CONFIRM FINAL VENT, COMBUSTION, AND REFRIGERANT PIPE SIZING UPON DETERMINATION OF ACTUAL DEVELOPED LENGTH AND PER MFRG. GUIDELINES. ALL PIPE MATERIALS SHALL BE PER MFRG. GUIDELINES.
10. CONTRACTOR SHALL COORDINATE ALL MOUNTING HEIGHTS ABOVE FINISHED FLOOR WITH OTHER TRADES AND RECEIVE FINAL APPROVAL FROM THE ARCHITECT PRIOR TO FABRICATING AND INSTALLING EXPOSED DUCTWORK, EQUIPMENT, REGISTERS, ETC.
11. MECHANICAL CONTRACTOR SHALL COORDINATE ALL DOOR LOUVER AND UNDERCUT LOCATIONS WITH THE APPROPRIATE TRADES PRIOR TO BID.
12. ALL DOOR UNDERCUTS INDICATED ON FLOOR PLAN(S) SHALL BE 3/4" MIN. ABOVE THRESHOLD.
13. BEFORE BIDDING ON THIS WORK, THE CONTRACTOR SHALL MAKE A CAREFUL EXAMINATION OF THE PREMISES, EXISTING EQUIPMENT AND SERVICES. HE SHALL DEFINITELY DETERMINE IN ADVANCE, THE METHODS OF INSTALLING AND CONNECTING THE NEW EQUIPMENT, DUCTWORK, AND PIPING THE MEANS TO BE PROVIDED FOR GETTING THE EQUIPMENT AND MATERIALS INTO PLACE AND SHALL MAKE HIMSELF THOROUGHLY FAMILIAR WITH ALL OF THE REQUIREMENTS OF THE PROJECT. FAILURE TO VISIT THE SITE WILL IN NO WAY RELIEVE THE SUCCESSFUL CONTRACTOR OF THE NECESSITY OF FURNISHING ANY MATERIAL OR PERFORMING ANY WORK THAT MAY BE REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. THIS ADDITIONAL WORK SHALL BE PERFORMED WITHOUT ADDITIONAL COST TO THE OWNER.
14. PATCH AND REPAIR EXISTING SURFACES AS REQUIRED TO FACILITATE DEMOLITION AND/OR PERFORMANCE OF THE NEW WORK. ALL NEW WORK SHALL MATCH IN KIND, QUALITY AND FINISH U.O.N.



DEMOLITION GENERAL NOTES

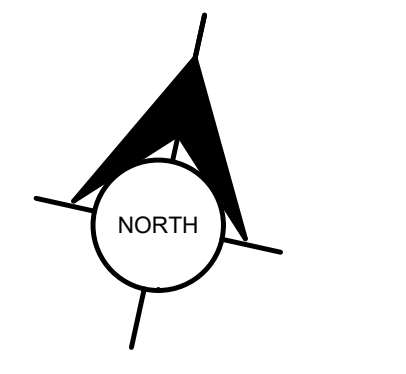
1. PATCHED AND REPAIR EXISTING SURFACES AS REQUIRED TO COMPLETE THE WORK.
2. ALL NEW WORK SHALL MATCH EXISTING IN KIND, QUALITY AND FINISH UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL INCLUDE IN SCOPE OF WORK ALL WORK REQUIRED TO PATCH, FINISH, MATCH, AND BLEND NEW SURFACES TO EXISTING AS IMPACTED BY AREAS OF NEW WORK.
4. CONTRACTOR SHALL VISIT THE JOB SITE AND VERIFY THE SCOPE OF DEMOLITION WORK. DEMOLITION IS INDICATED AS A CONVENIENCE FOR THE CONTRACTOR AND MAY NOT INDICATE THE FULL SCOPE OF DEMOLITION REQUIRED TO COMPLETE THE NEW WORK.
5. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO ANY WORK BEING DONE FOR THE REMOVAL, RELOCATION, AND/OR REUSE OF MECHANICAL EQUIPMENT DURING CONSTRUCTION.
6. PRIOR TO ANY WORK BEING DONE, CONTRACTOR SHALL MAKE A CAREFUL EVALUATION OF EXISTING CONDITIONS AND VERIFY ALL METHODS OF REMOVAL AND INSTALLATION OF MECHANICAL EQUIPMENT.
7. CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK WITH THE WORK OF ALL OTHER TRADE PARTNERS.
8. PATCH AND REPAIR EXISTING SURFACES AS REQUIRED TO FACILITATE DEMOLITION AND/OR PERFORMANCE OF THE NEW WORK. ALL NEW WORK SHALL MATCH IN KIND, QUALITY AND FINISH U.O.N.

DEMOLITION KEY NOTES

- 1 DEMOLISH EXISTING WALL LOUVER. FIELD VERIFY EXACT LOCATION. PATCH AND REPAIR EXISTING WALL OPENING TO MATCH.
- 2 REMOVE EXISTING EXHAUST FAN AND ALL ASSOCIATED VENTILATION AND ELECTRICAL CONNECTIONS. REMOVE EXISTING EXHAUST DUCTWORK UP THRU ROOF. FIELD VERIFY EXACT LOCATION. RE-USE EXISTING ROOF OPENING FOR NEW EXHAUST DUCTWORK. PATCH AND REPAIR UNUSED OPENING.
- 3 EXISTING WALL LOUVER TO REMAIN. FIELD VERIFY EXACT LOCATION.

CONSTRUCTION KEYNOTES

- 1 PROVIDE 8"x8" TRANSFER GRILLE INSTALL AS HIGH AS POSSIBLE BELOW CEILING.
- 2 PROVIDE 24"x18" OUTSIDE AIR DOOR LOUVER WITH MIN. 35% FREE AREA.
- 3 PROVIDE 14"x18" OUTSIDE AIR DOOR LOUVER WITH MIN. 35% FREE AREA.
- 4 10"Ø EXHAUST DUCT UP THRU ROOF.
- 5 6"Ø EXHAUST DUCT UP THRU ROOF.



MECHANICAL - EXISTING DEMOLITION FLOOR PLAN

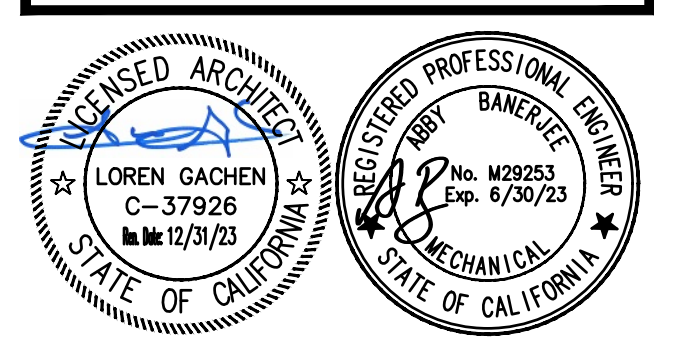
1/4" = 1'-0"

2

MECHANICAL - REMODEL FLOOR PLAN

1/4" = 1'-0"

1



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CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO. | DATE | BY | DESCRIPTION |
| 1 | 5/25/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |
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DRAWN: _____ CHECKED: _____
DATE: 02/25/2022 SCALE: _____
PROJECT NUMBER: 2010200

MECHANICAL FLOOR PLAN -
DEMO & NEW

DRAWING NUMBER: **M2.0**



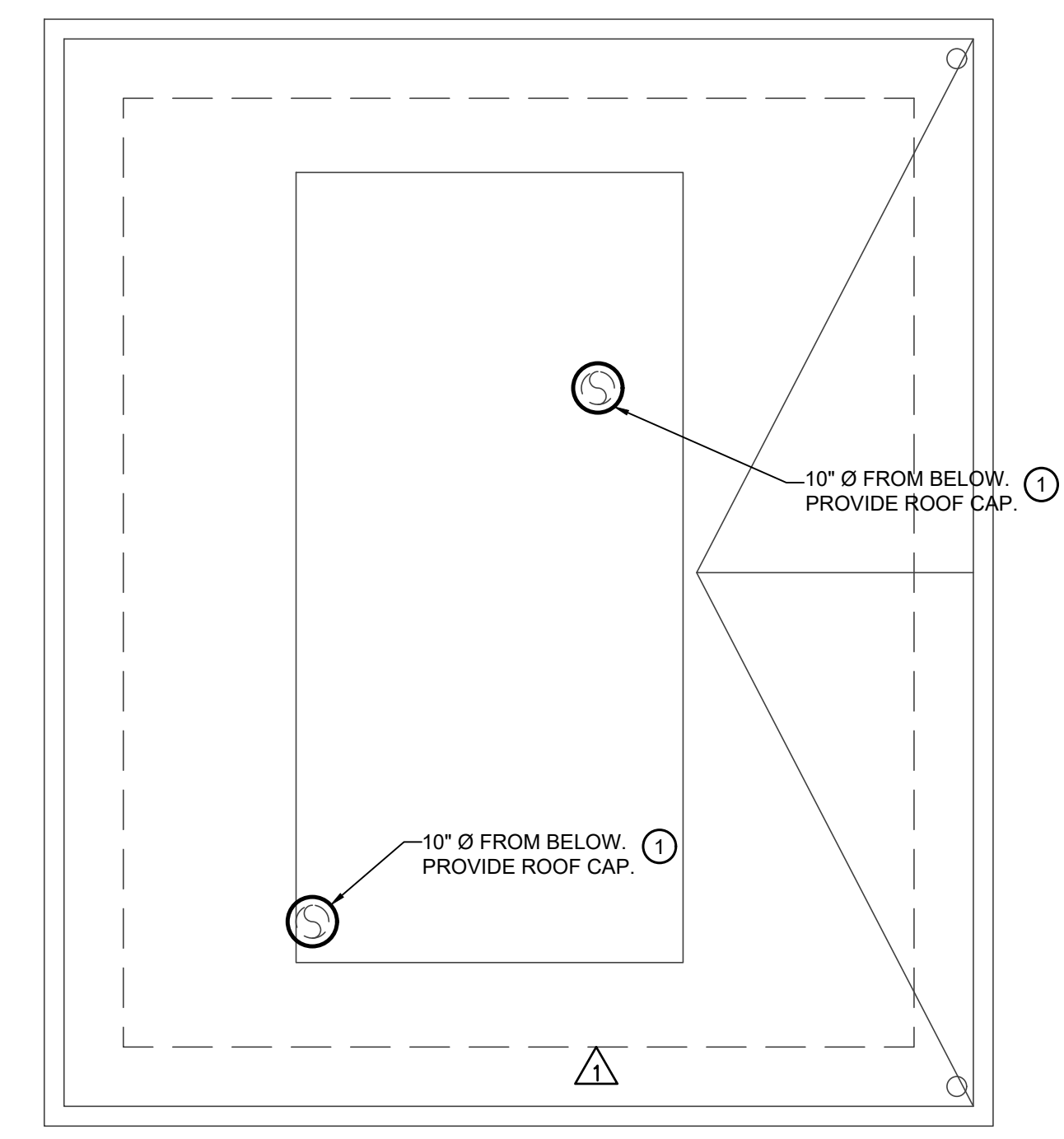
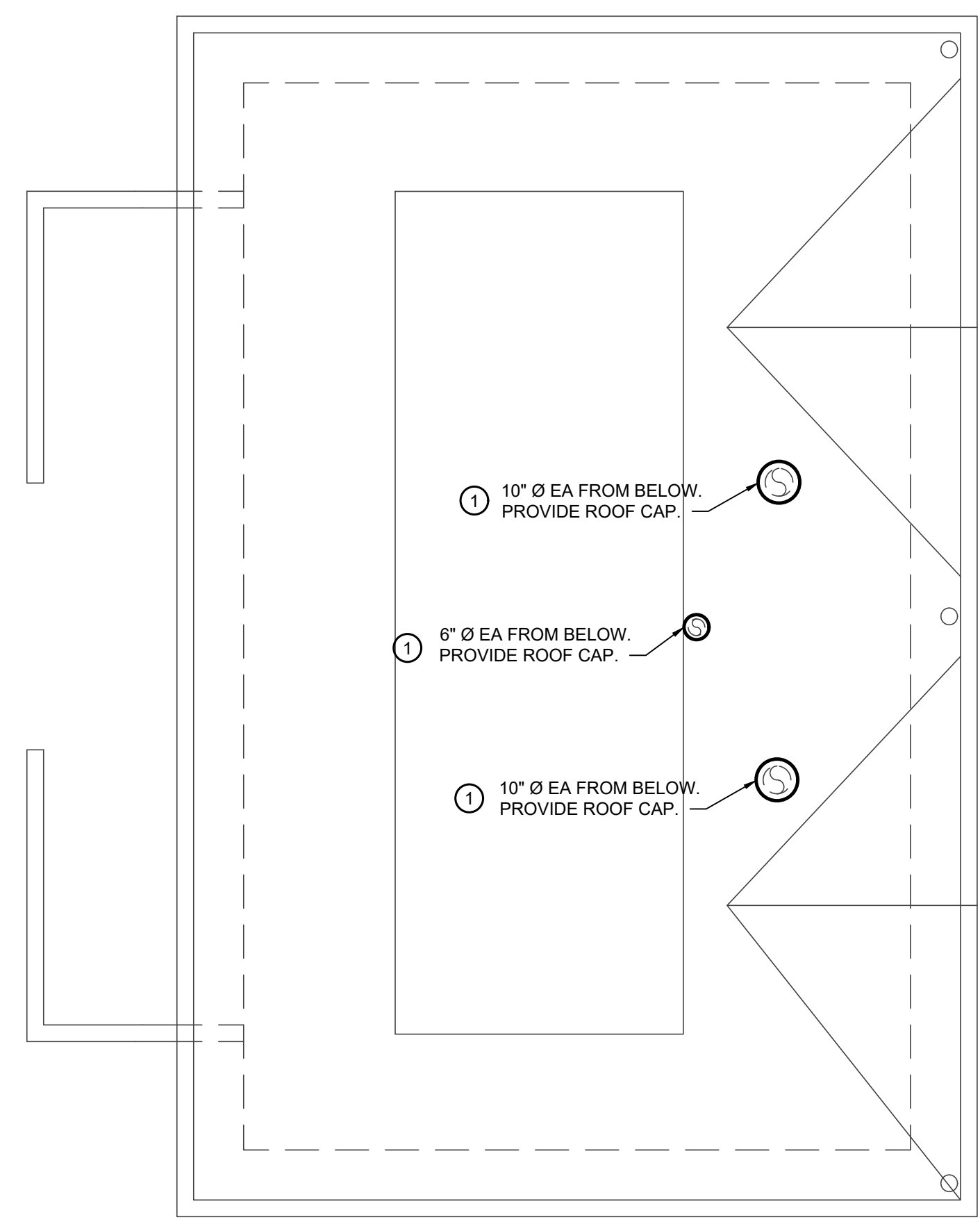
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NEW CONSTRUCTION GENERAL NOTES

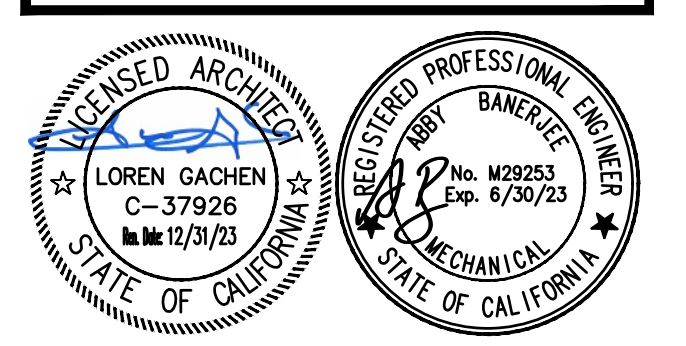
1. FRESH AIR INTAKES SHALL BE 10'-0" MIN. AWAY FROM ALL EXHAUST OUTLETS, PLUMBING VENTS, AND FLUES.
2. VENTS SHALL BE 18 INCH MINIMUM AWAY FROM PARAPET WALLS.
3. PROVIDE IN-FILL AND PATCH WORK TO LARGER, UNUSED WALL & ROOF PENETRATIONS.
4. CONTRACTOR SHALL REUSE EXISTING OPENING(S) IN ROOF FOR FUTURE DUCTWORK AND ETC, WHEREVER POSSIBLE COORDINATE WITH OTHER TRADES AS NECESSARY.
5. PATCH AND REPAIR EXISTING SURFACES AS REQUIRED TO FACILITATE DEMOLITION AND/OR PERFORMANCE OF THE NEW WORK. ALL NEW WORK SHALL MATCH IN KIND, QUALITY AND FINISH U.O.N.

CONSTRUCTION KEYNOTES

- ① (N) EXHAUST ROOF CAP.



HONEYBEE POOL RENOVATION
 CITY OF ROHNERT PARK
 1170 GOLF COURSE DRIVE
 ROHNERT PARK, CA 94928



CONSULTANT
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 5515 Doyle Street
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 Telephone: (510) 837-9182

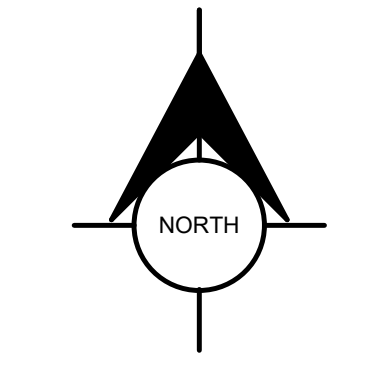
VANESSA GARRETT P.E. CE84141 _____ DATE
 CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| Δ | 5/25/2022 | | AGENCY PLAN REVIEW |
| Δ | 12/02/2022 | | AGENCY PLAN REVIEW |
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DRAWN: _____ CHECKED: _____
 DATE: 02/25/2022 SCALE: _____
 PROJECT NUMBER: 2010200

MECHANICAL ROOF PLAN

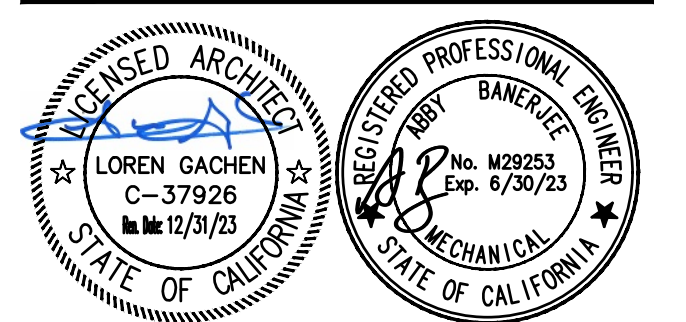
DRAWING NUMBER: **M3.0**





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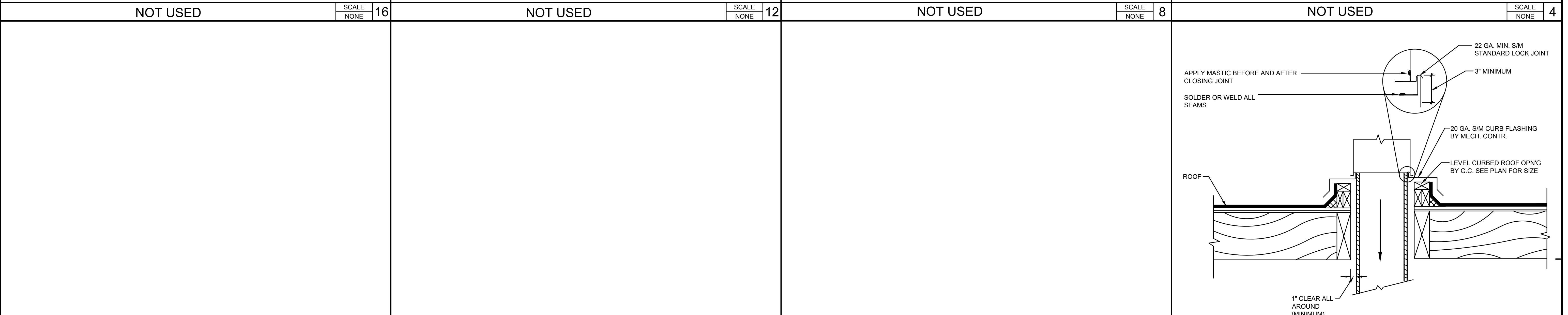
| NO | DATE | BY | DESCRIPTION |
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| Δ | 5/25/2022 | | AGENCY PLAN REVIEW |
| Δ | 12/02/2022 | | AGENCY PLAN REVIEW |
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 DATE: 02/25/2022 SCALE: _____
 PROJECT NUMBER: 2010200

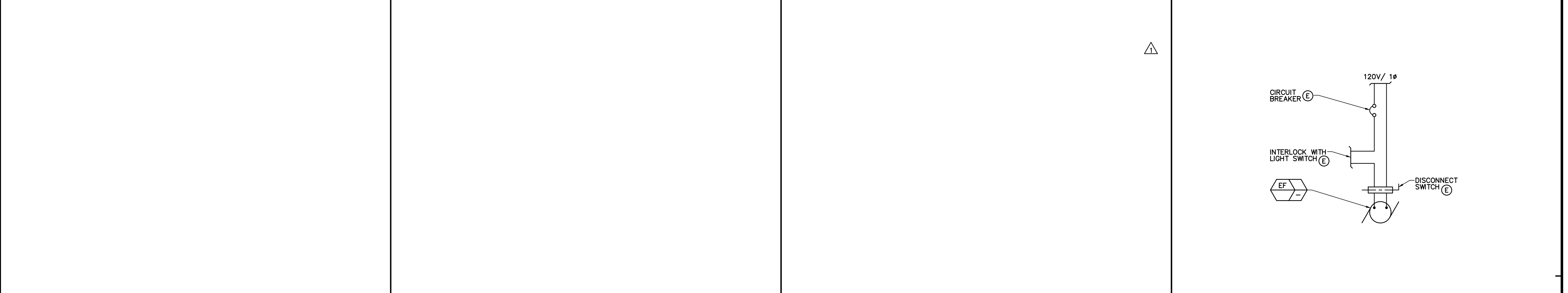
**MECHANICAL
 DETAILS**

DRAWING NUMBER: **M6.1**

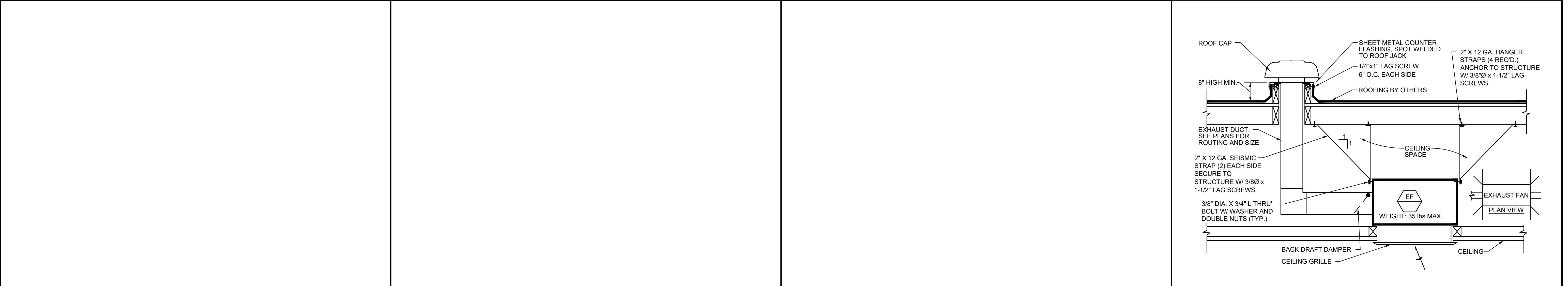
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DUCT THRU' ROOF DETAIL SCALE NONE 3

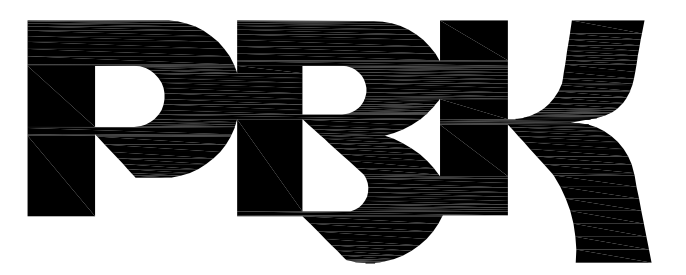


EXHAUST FAN CONTROL SCALE NONE 2



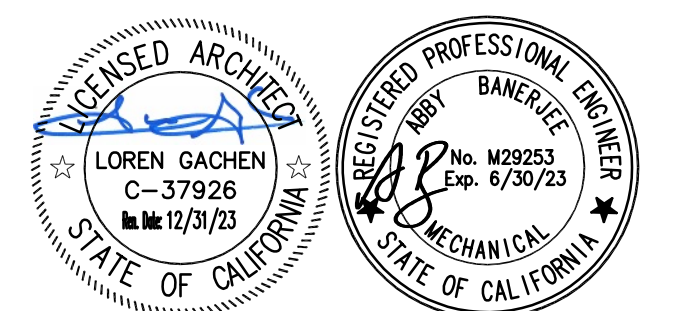
EXHAUST FAN DETAIL SCALE NONE 1

| | | | | | | | | | | | |
|----------|------------|----|----------|------------|---|----------|------------|---|----------|------------|---|
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WANESSA GARRETT P.E. CE84141 DATE
CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO. | DATE | BY | DESCRIPTION |
| 1 | 5/25/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |
| 3 | 03-01-23 | | ADDENDUM 1 |
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DRAWN: _____ **CHECKED:** _____
DATE: 02/25/2022 **SCALE:** _____
PROJECT NUMBER: 2010200

PLUMBING NOTES AND LEGEND

DRAWING NUMBER: P0.1

GENERAL NOTES

- BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS AND CHARACTERISTICS OF ALL UTILITIES AND PIPING, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- ALL ACCESSIBLE WATER CLOSETS SHALL HAVE FLUSH VALVE WITH HANDLE ON OPEN SIDE.
- ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS.
- ALL PLUMBING FIXTURE VENTS TO TERMINATE A MINIMUM OF 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM ANY OUTSIDE AIR INTAKES.
- EXACT LOCATIONS AND MOUNTING HEIGHTS OF PLUMBING FIXTURES SHALL BE OBTAINED FROM THE ARCHITECTURAL DRAWINGS.
- ALL EXTERIOR GAS COCKS, WATER SHUT OFF VALVES AND/OR SEWER CLEANOUTS BELOW GROUND SHALL BE INSTALLED IN YARD BOXES WITH THE COVERS CONSPICUOUSLY MARKED "GAS", "WATER", AND "SEWER" RESPECTIVELY.
- CONNECTION BETWEEN INCOMPATIBLE MATERIALS ABOVE GRADE AND INSIDE BUILDING SHALL BE MADE WITH TWO (2) DIELECTRIC UNIONS SEPARATED BY A TWELVE INCH (12") SECTION OF RED BRASS PIPE.
- ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC., AND THE ARCHITECT PRIOR TO ANY INSTALLATION.
- SEE ARCHITECTURAL DRAWINGS FOR ACCESSIBLE FIXTURE LOCATIONS AND MOUNTING HEIGHTS. INSULATE ALL EXPOSED HOT WATER AND DRAIN PIPING BELOW ACCESSIBLE LAVATORIES AND SINKS.
- ALL PLUMBING WORK SHALL BE INSTALLED SO AS TO AVOID INTERFERENCE WITH ELECTRICAL AND MECHANICAL EQUIPMENT AND STRUCTURAL FRAMING.
- ALL WORK AND MATERIAL SHALL BE PERFORMED AND INSTALLED IN COMPLIANCE WITH CALIFORNIA PLUMBING CODE 2016.
- THESE DRAWINGS INDICATE THE SEWER, WATER, AND STORM DRAIN SYSTEMS TO POINT OF CONNECTION 5'-0" OUTSIDE OF THE BUILDING. CONTINUATION OF THESE SYSTEMS IS SHOWN ON THE CIVIL DRAWINGS AND IS SPECIFIED UNDER ANOTHER SECTION OF THE SPECIFICATIONS. THE PIPING SHALL BE INSTALLED TO MEET THE INVERT ELEVATIONS SHOWN ON THE CIVIL DRAWINGS.
- INSULATION (SEE SPECIFICATION FOR TYPE REQUIRED) AND COVERING ON PIPE AND TUBING SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 50 WHEN TESTED IN ACCORDANCE WITH 2016 C.B.C. SECTION 720.7.
- ALL EQUIPMENT SHALL BE LATERALLY SUPPORTED IN ALL DIRECTIONS TO RESIST A MIN. OF 20% OF THE EQUIPMENT'S OPERATING WEIGHT.

LEGEND

| SYMBOL | ABBREVIATION | DESCRIPTION |
|-------------|--------------|---|
| --- | S OR W | SOIL OR WASTE ABOVE FLOOR |
| --- | S OR W | SOIL OR WASTE BELOW FLOOR OR GRADE |
| --- CWV --- | CWV | COMBINATION WASTE & VENT BELOW FLOOR OR GRADE |
| --- SD --- | SD | STORM DRAIN ABOVE FLOOR |
| --- SD --- | SD | STORM DRAIN BELOW FLOOR OR GRADE |
| --- OD --- | OD | OVERFLOW DRAIN ABOVE FLOOR |
| --- OD --- | OD | OVERFLOW DRAIN BELOW FLOOR OR GRADE |
| ----- | V | SANITARY VENT |
| ----- | CW | COLD WATER |
| ----- | HW | HOT WATER |
| ----- | HWR | HOT WATER RETURN |
| --- CD --- | CD | CONDENSATE DRAIN |
| --- OCD --- | OCD | OVERFLOW CONDENSATE DRAIN |
| --- TP --- | TP | TRAP PRIMER |
| → | | DIRECTION OF FLOW |
| ⊗ | SOV | SHUT-OFF VALVE |
| ⊗ | SOV/GC | SHUT-OFF VALVE OR GAS COCK IN YARD BOX |
| ⊗ | GC | GAS COCK |
| ⊗ | BV | BALANCING VALVE |
| ⊗ | FCO | FLOOR CLEANOUT |
| ⊗ | WCO | WALL CLEANOUT |
| ⊗ | | RISER UP |
| ⊗ | | RISER DOWN |
| ⊗ | ABV | ABOVE |
| ⊗ | AP | ACCESS PANEL |
| ⊗ | BEL | BELOW |
| ⊗ | CLG | CEILING |
| ⊗ | CONT | CONTINUATION |
| ⊗ | COTG | CLEANOUT TO GRADE |
| ⊗ | DN | DOWN |
| ⊗ | FLR | FLOOR |
| ⊗ | FFE | FINISH FLOOR ELEVATION |
| ⊗ | I.E. | INVERT ELEVATION |
| ⊗ | POC | POINT OF CONNECTION |
| ⊗ | PLCS | PLACES |
| ⊗ | SLVE | SLEEVE |
| ⊗ | VTR | VENT THRU ROOF |
| ⊗ | YB | YARD BOX |

PIPE MATERIAL SCHEDULE

NOTE: ANY (T) PIPING SYSTEM SHALL BE SAME AS (N) OR EQUAL.

| SERVICE | MATERIAL | REMARKS |
|-----------------------|-----------------------------------|------------------------------------|
| WATER (CW) (HW) (HWR) | PE PIPE AND FITTING ASTM #8720001 | 5 PSI/100 FT. @ 8PSI MAX. VELOCITY |
| WASTE & VENT (W) (V) | PE PIPE AND FITTING ASTM #8720001 | GRAVITY @ 2% SLOPE |

PLUMBING SHEET LIST

| Sheet Number | Sheet Title |
|--------------|-------------------------------|
| P0.1 | PLUMBING NOTES AND LEGEND |
| PD2.0 | PLUMBING DEMO FLOOR PLAN |
| P2.0 | PLUMBING PROPOSED FLOOR PLANS |
| P6.0 | PLUMBING DETAILS |

PLUMBING FIXTURE SCHEDULE

| ITEM | FIXTURE | ROUGH-IN CONNECTIONS | | | | | | DESCRIPTION |
|------|--|----------------------|-------|--------|-----------|------------|-----|---|
| | | TRAP | WASTE | VENT | HOT WATER | COLD WATER | GAS | |
| WC 1 | WATER CLOSET | INT | 4" | 2" | - | 1" | - | AMERICAN STANDARD (AS) NO. 3351.001 "AFWALL ELONGATED FLUSH VALVE TOILET", SIPHON JET, WALL HUNG, ELONGATED BOWL, TOP SPUD, COMPLETE WITH SLOAN ROYAL NO. 111-1.28 GPF FLUSH VALVE, OLSONITE NO. 95CC-SS SEAT AND ZURN NO. Z1203 & Z1204 SERIES CARRIER. |
| WC 2 | WATER CLOSET (ACCESSIBLE) | INT | 4" | 2" | - | 1" | - | AMERICAN STANDARD (AS) NO. 3351.001 "AFWALL ELONGATED FLUSH VALVE TOILET", SIPHON JET, WALL HUNG, ELONGATED BOWL, TOP SPUD, COMPLETE WITH SLOAN ROYAL NO. 111-1.28 GPF FLUSH VALVE, OLSONITE NO. 95CC-SS SEAT AND ZURN NO. Z1203 & Z1204 SERIES CARRIER, MOUNT AT ADA ACCESSIBLE HEIGHT. |
| UR 1 | URNAL | INT | 2" | 1-1/2" | - | 3/4" | - | AMERICAN STANDARD (AS) NO. 6550.005 "ALLBROOK URINAL", WALL HUNG, SIPHON JET, COMPLETE WITH SLOAN ROYAL NO. 186-0.5 GPF FLUSH VALVE AND ZURN NO. Z-1222 WALL HANGER. |
| L 1 | LAVATORY (HW/CW) | 1-1/4" | 2" | 1-1/2" | 1/2" | 1/2" | - | AMERICAN STANDARD (AS) NO. 0355.012 "LUCERNE WALL HUNG LAVATORY", 20" X 18", WALL HUNG, COMPLETE WITH CHICAGO NO. 802 SELF CLOSING METERING SINGLE PUSH LEVEL FAUCET WITH 0.5 GPM AERATOR, 4" CENTERS, PROVIDE 131-ABNF THERMOSTATIC MIXING VALVE ASSE 1070 CERTIFIED, MCGUIRE NO. 155A 1-1/4" OUTLET "OPEN GRID P.O. FLUSH", MCGUIRE NO. PW809NCO 1-1/4" L.A. PATTERN P-TRAP WITH GALVANIZED NIPPLE AND CHROMIUM PLATED BRASS CASING, CHICAGO NO. 1017-ABCP LOOSE KEY STOPS WITH RIGID SUPPLIES, AND ZURN NO. Z-1231 CARRIER WITH STEEL PLATE. |
| SH 1 | SHOWER (ADA) | - | - | - | 3/4" | 3/4" | - | SYMMONS NO. C-96-1-295-X "TEMPTRON SHOWER SYSTEM", COMPLETE WITH PRESSURE BALANCING MIXING VALVE WITH LEVER HANDLE, INTEGRAL STOPS, #4-295-B-1.5 GPM ALL BRASS ADJUSTABLE SPRAY AND NOZZLE-TYPE HEAD WITH BACK PLATE. |
| DF 1 | DRINKING FOUNTAIN (ACCESSIBLE, PEDESTAL) | 1-1/2" | 2" | 1-1/2" | - | 3/4" | - | HAWS NO. 3600, PEDESTAL MOUNTED, TWO-BUBBLER, BARRIER FREE, REINFORCED CAST CONCRETE WITH EXPOSED AGGREGATE, STAINLESS STEEL RECEPTORS, VANDAL-PROOF BUBBLERS, PUSH BUTTON VALVES AND STAINLESS STEEL ACCESS PLATES, COMPLETE WITH HAWS NO. 6625 MATCHING CONCRETE BOX AND NO. 6620 MATCHING CONCRETE STEP, 10" HIGH, INSTALL WITH 30" SQUARE X 4" THICK CONCRETE SLAB PER MANUFACTURER'S RECOMMENDATION. |
| FD 1 | FLOOR DRAIN | 2" | 2" | 1-1/2" | - | - | - | ZURN NO. ZN-415-B-P, CAST IRON BODY, COMPLETE WITH ROUND NICKEL-BRONZE TOP, CLAMPING COLLAR, 1/2" TRAP PRIMER CONNECTION AND P-TRAP. |
| FD 2 | FLOOR DRAIN (SHOWER) | 2" | 2" | 1-1/2" | - | - | - | ZURN NO. ZN-415-B-113, CAST IRON BODY, COMPLETE WITH ROUND NICKEL-BRONZE TOP, CLAMPING COLLAR, AND P-TRAP. |
| TP 1 | TRAP PRIMER (SINGLE DRAIN) | - | - | - | - | 1/2" | - | MIFAB NO. MR-500 TRAP PRIMER VALVE, BRASS BODY, ADJUSTABLE, COMPLETE WITH 1/2" COPPER TYPE "L" PIPE TO RECEPTOR, INSTALL PER MANUFACTURER'S RECOMMENDATIONS, COMPLETE BEHIND ACCESS PANEL WITH SHUT-OFF VALVE. |
| TP 2 | TRAP PRIMER (MULTIPLE DRAIN) | - | - | - | - | 1/2" | - | MIFAB NO. MR-500 TRAP PRIMER VALVE, BRASS BODY, ADJUSTABLE, COMPLETE WITH M-DU DISTRIBUTION UNIT, 1/2" COPPER TYPE "L" PIPE TO EACH RECEPTOR, INSTALL PER MANUFACTURER'S RECOMMENDATIONS, COMPLETE BEHIND ACCESS PANEL WITH SHUT-OFF VALVE. |
| SH 2 | SHOWER | - | - | - | - | 3/4" TW | - | SYMMONS NO. 3-325 "SHOWEROFF" SINGLE-TEMPERATURE METERED SHOWER SYSTEM, COMPLETE WITH METERING VALVE, INTEGRAL STOPS AND #4-295-B-1.5 GPM ALL BRASS ADJUSTABLE SPRAY, NOZZLE-TYPE HEAD WITH BACK PLATE, VANDAL RESISTANT. |
| S 1 | SINK (FACULTY, SINGLE BOWL, ACCESSIBLE, HW/CW, DISPOSER) | 1-1/2" | 2" | 1-1/2" | 1/2" | 1/2" | - | ELKAY NO. LRAD22195S "LUSTERTONE SINGLE BOWL", SINGLE COMPARTMENT, 18 GAUGE TYPE 304 STAINLESS STEEL, SELF-RIMMING, 22" X 19" X 5-1/2" DEEP, COMPLETE WITH CHICAGO NO. 2304-E38ABCP FAUCET WITH 1.5 GPM AERATOR, INSINKERATOR "BADGER" 1" FOOD WASTE DISPOSER, 1/3 HP/120V/6.7 AMP AVG, MCGUIRE NO. PW809NCO 1-1/2" L.A. PATTERN P-TRAP WITH TRAP AND SUPPLY COVERS, GALVANIZED NIPPLE AND CHROMIUM PLATED BRASS CASING, AND CHICAGO NO. 1017-ABCP LOOSE KEY STOPS WITH RIGID SUPPLIES, MOUNT IN ACCORDANCE WITH ADA REQUIREMENTS. |
| HB 1 | HOSE BIBB | - | - | - | - | 3/4" | - | ACORN #8121-CP-LF HOSE BIBB WITH VACUUM BREAKER, PROVIDE #8211 ACCESS PANEL WITH LOCKING DOOR AND COVER |
| JS 1 | JANITORS SINK | 3" | 3" | 2" | 1/2" | 1/2" | - | AMERICAN STANDARD #7745.811 "CORNER SERVICE SINK", ENAMELED CAST IRON, CORNER FLOOR MOUNTED, VINYL RIM GUARD, 3" DIAMETER DRAIN WITH FLAT CHROME STRAINER, CHICAGO NO. 897-CCP WALL MOUNTED FAUCET W/ VACUUM BREAKER. |

FIXTURE UNITS

| NUMBER | TYPE OF FIXTURE | CW FU PER FIXTURE | TOTAL CW FU UNITS | WASTE FU PER FIXTURE | TOTAL WASTE FU UNITS |
|----------------------------|-------------------|-------------------|-------------------|----------------------|----------------------|
| 1 | DRINKING FOUNTAIN | 0.5 | 0.5 | 0.5 | 0.5 |
| - | HOSE BIBBS | - | - | - | - |
| - | ADD HOSE BIBBS | - | - | - | - |
| 4 | LAVATORY | 1 | 4 | 1 | 4 |
| 1 | CONCESSION SINK | 1.5 | 1.5 | 2 | 2 |
| 2 | URNALS | 20 | 40 | 2 | 4 |
| 5 | WATER CLOSETS | 2.5 | 12.5 | 4 | 20 |
| 6 | FLOOR DRAIN | - | - | 2 | 12 |
| TOTAL FIXTURE UNITS | | | 58.5 | | 42.5 |

GAS WATER HEATER SCHEDULE

| ITEM | MANUFACTURER | MODEL NO. | SERVICE | LOCATION | STORAGE | RECOVERY CAPACITY @ 90°F | INLET TEMP °F | OUTLET TEMP °F | GAS INPUT BTU/HR | EFFICIENCY (UEF) | OPER. WT. LBS. | REMARKS |
|------|--------------|-----------|--------------------|----------|---------|--------------------------|---------------|----------------|------------------|------------------|----------------|---|
| WH 1 | A.O. SMITH | GUC-30 | DOMESTIC HOT WATER | GARAGE | 29 GAL. | 34 | 62° | 120° | 33,000 | 0.59 | 126 | MUST HAVE ASHRAE STICKER OR OTHERWISE COMPLY WITH TITLE 24 REQUIREMENT FOR SERVICE WATER HEATERS. SEE DETAIL 1/P-6.0. |

APPLICABLE CODES

BUILDING OCCUPANCY CLASSIFICATION:
THE CONSTRUCTION OF THIS PROJECT SHALL CONFORM TO THE REQUIREMENTS OF:

CODE
California Building Standards Administrative Code
PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)

2019 California Building Code
PART 2, TITLE 24, CCR

2019 California Electrical Code
PART 3, TITLE 24, CCR

2019 California Mechanical Code
PART 4, TITLE 24, CCR

2019 California Plumbing Code
PART 5, TITLE 24, CCR

2019 California Energy Code
PART 6, TITLE 24, CCR

2019 California Fire Code
PART 9, TITLE 24, CCR

2019 California Green Building Standard Code (CALGreen), Part II, Title 24 C.C.R.

2019 California Referenced Standards, Part 12, Title 24 C.C.R.
Title 18 C.C.R., Public Safety, State Fire Marshal Regulations.

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
- MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

- 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.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.



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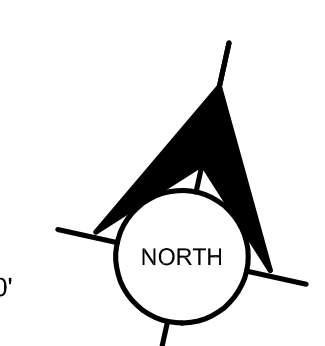
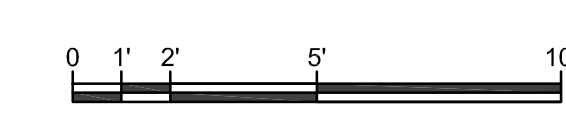
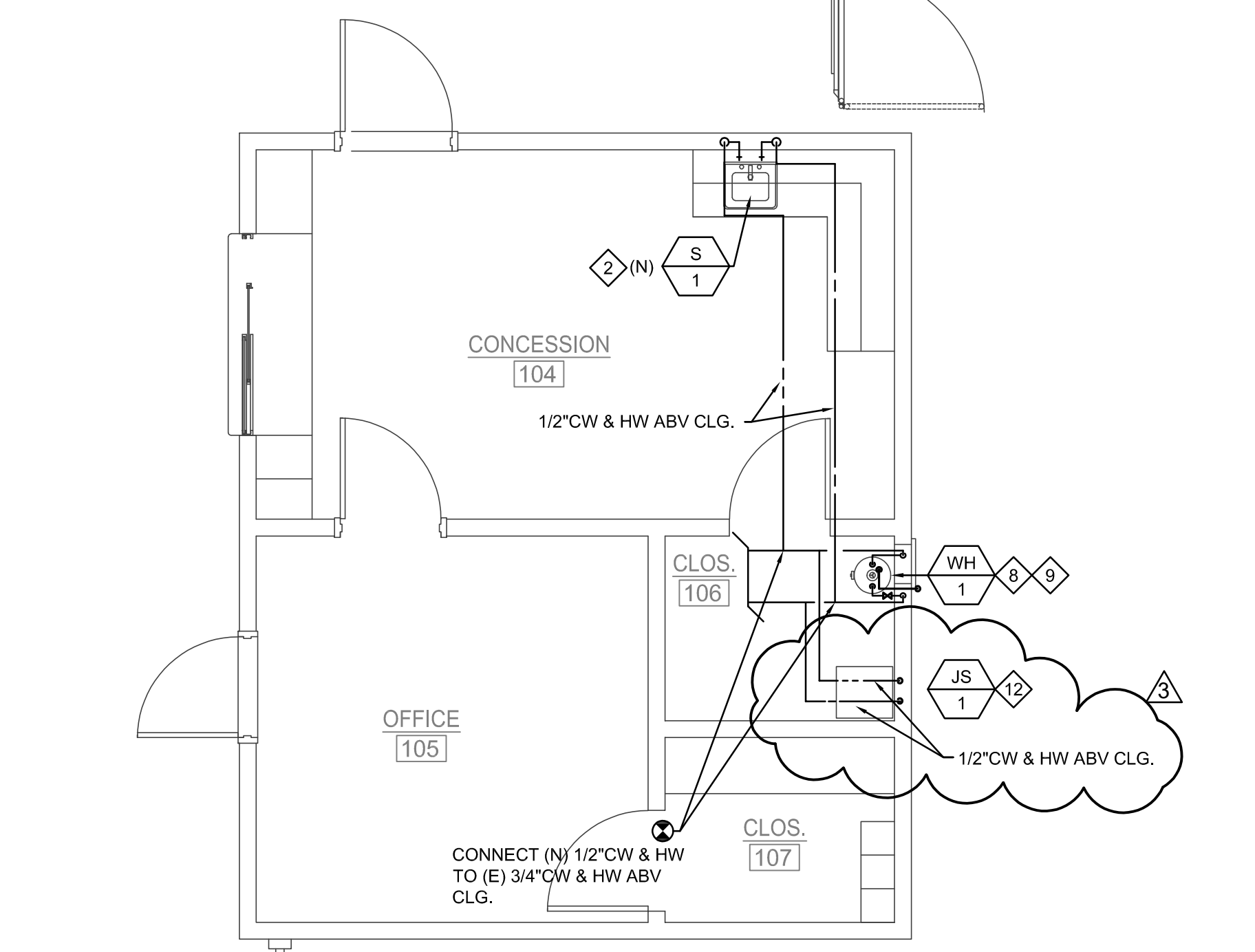
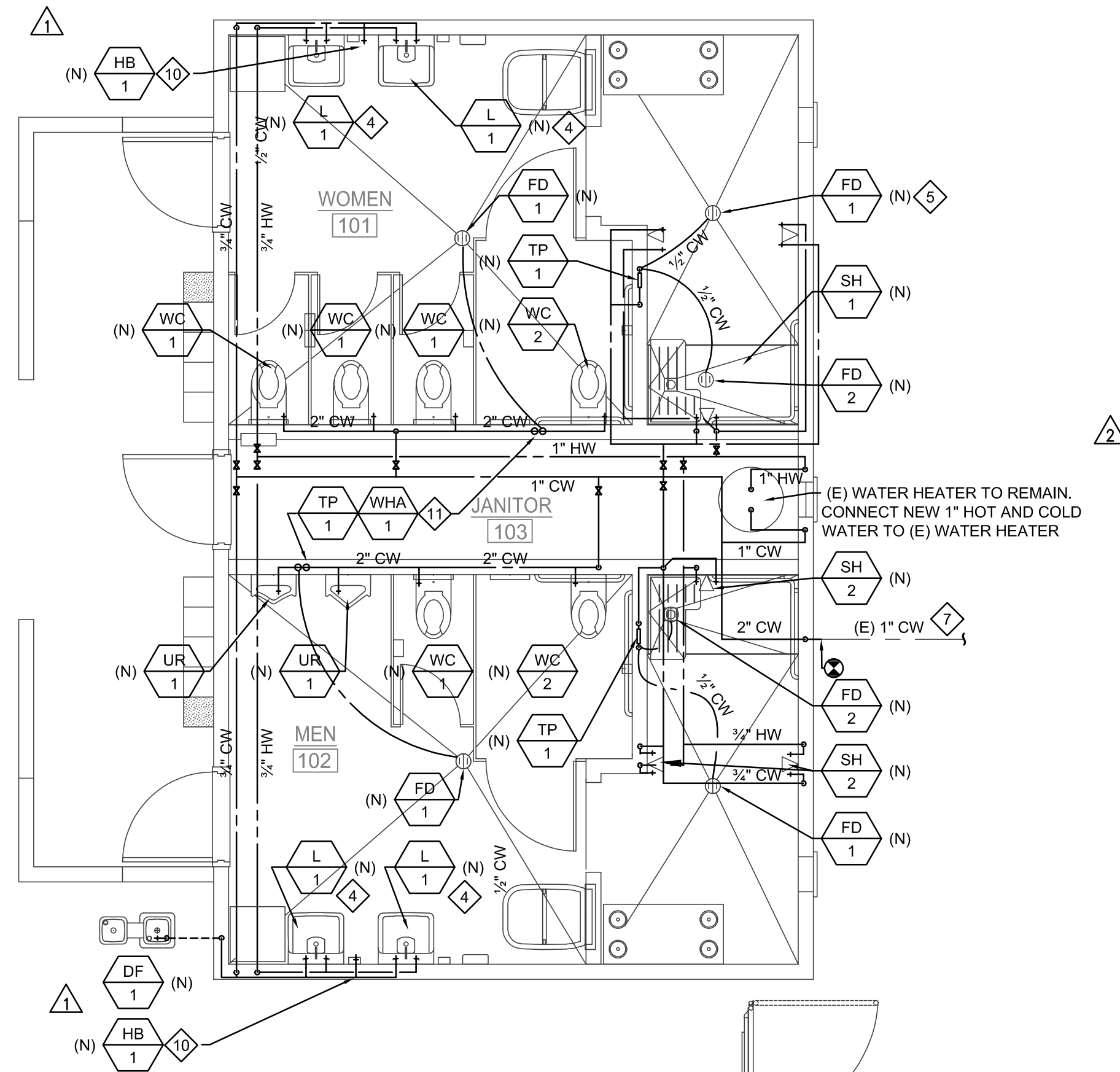
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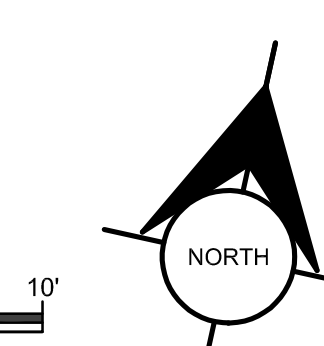
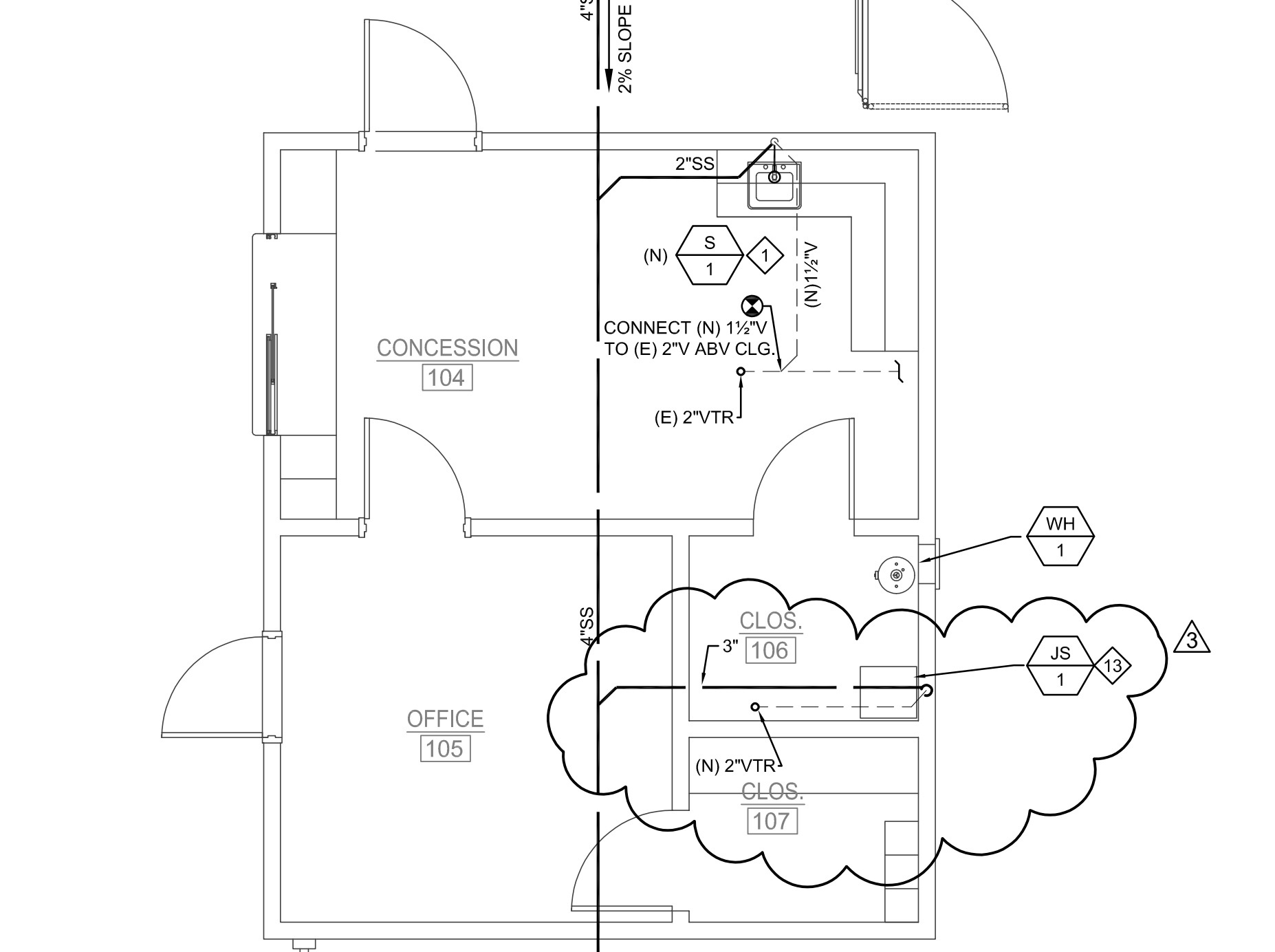
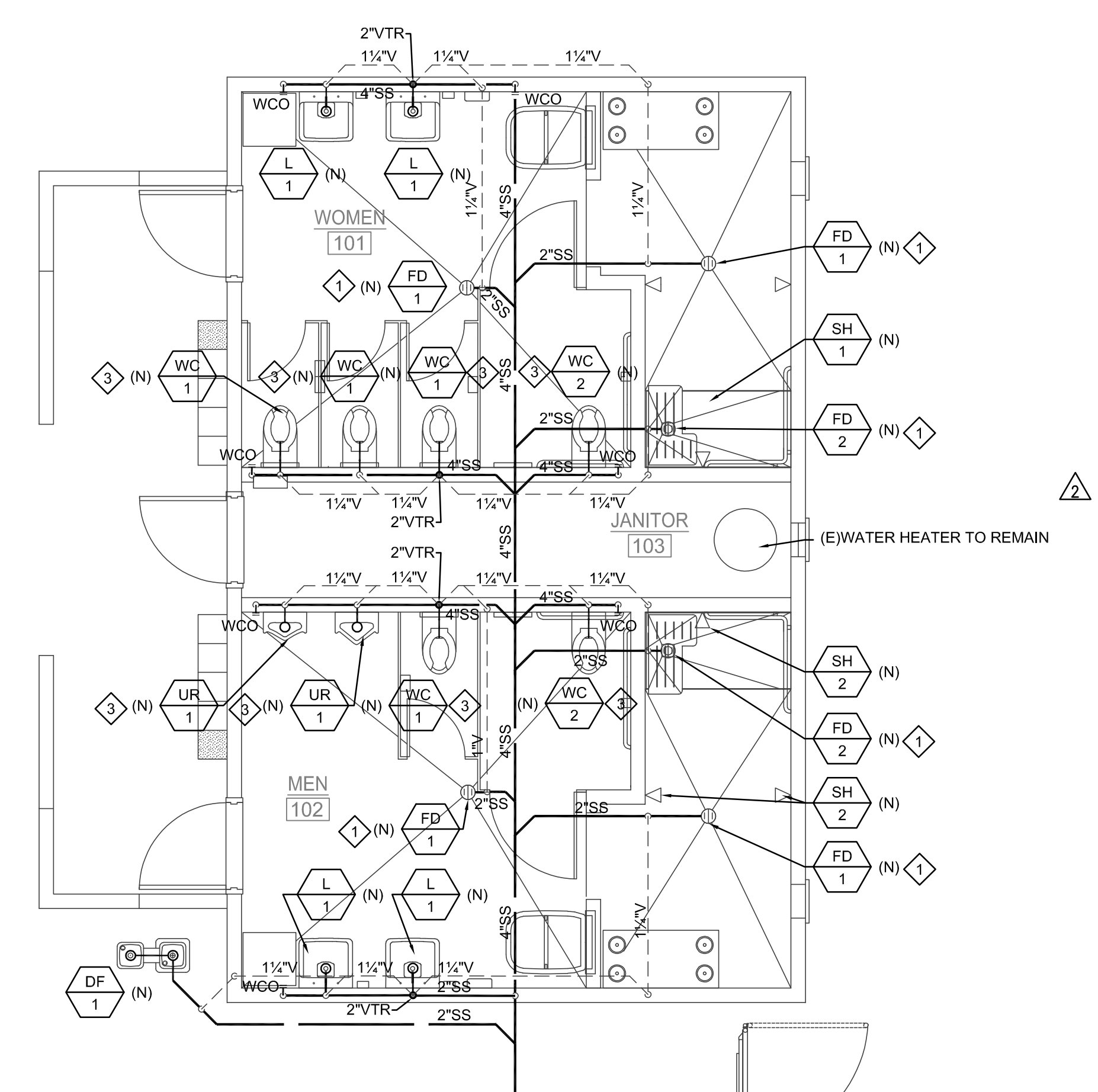
- FOR CONTINUATION OF ALL UTILITIES SEE CIVIL ENGINEERING DRAWINGS.
- ALL SLEEVES THRU FOOTINGS SHALL BE MINIMUM TWO PIPE SIZES LARGER THAN THE PIPE GOING THRU IT. PROVIDE ALL SLEEVES.
- ALL STORM DRAIN LINES, WASTE LINES & COLD WATER LINES INTO FOOTINGS SHALL BE DOUBLE HALF LAP WRAPPED WITH 1/8" THICK "ARMOFLEX" INSULATION. ALSO, THE CONTRACTOR SHALL PROVIDE BLOCKED OUT AREAS IN THE FOOTING FOR STORM DRAIN LINES, WASTE LINES & COLD WATER LINES. ALL PIPING SHALL AVOID THE LOWER 9" OF THE FOOTING.
- BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS AND CHARACTERISTICS OF ALL UTILITIES AND PIPING BY PHYSICAL EXCAVATION, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND POINTS OF CONNECTION PRIOR TO BIDDING PROJECT.
- WHERE PLANS INDICATE NEW FIXTURES OR EQUIPMENT CONNECTING TO EXISTING SERVICES, PLUMBING CONTRACTOR SHALL MODIFY AND/OR EXTEND EXISTING PIPING OR ROUGH-INS AS REQUIRED TO SUIT THE NEW FIXTURE.
- CONTRACTOR SHALL COORDINATE EXACT ROUGH-IN LOCATIONS WITH ALL EQUIPMENT INSTALLATION INSTRUCTIONS.

CONSTRUCTION KEYNOTES

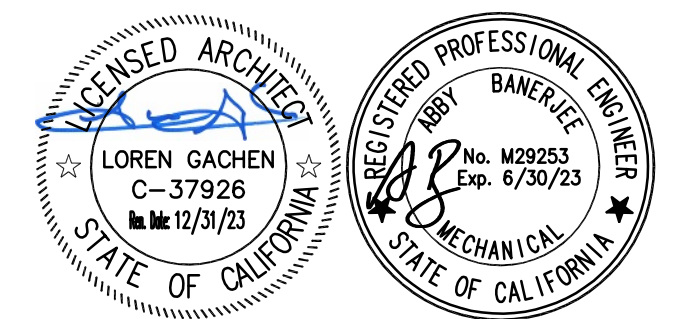
- ◇ PROVIDE NEW 2" SS W/ 1/2" VENT, CONNECT TO NEAREST EXISTING SANITARY SEWER AND VENT IN WALL.
- ◇ PROVIDE NEW 1/2" HW & CW TO SINK, CONNECT TO NEAREST EXISTING HWS AND CWS IN WALL.
- ◇ PROVIDE NEW 3/4" SS W/ 2" VENT, CONNECT TO NEAREST EXISTING SANITARY SEWER AND VENT IN WALL.
- ◇ PROVIDE NEW 3/4" HW AND CW TO LAVATORY, CONNECT TO NEAREST EXISTING HWS AND CWS IN WALL.
- ◇ FULLY SERVICE EXISTING FLOOR DRAIN AND ASSOCIATED TRAP PRIMER. PROVIDE ALLOWANCE FOR REPAIRING/REPLACING FIXTURE AND ASSOCIATED TRAP PRIMER, ADJUST FIXTURE TO NEW FINISHED FLOOR ELEVATION.
- ◇ CONNECT TO EXISTING SANITARY SEWER. CONTRACTOR TO FIELD VERIFY PIPE SIZE AND LOCATION.
- ◇ CONNECT TO EXISTING CW SUPPLY. CONTRACTOR TO FIELD VERIFY PIPE SIZE AND LOCATION.
- ◇ WATER HEATER CONNECT TO FLUE UP THRU ROOF. REFER TO DETAIL: (7) P6.0
- ◇ WATER HEATER CONNECT TO BE SEISMIC STRAP TO WALL. FOR WATER HEATER MOUNTING, REFER TO DETAIL: (1) P6.0
- ◇ PROVIDE NEW HOSE BIBB W/ VACUUM BREAKER +18" ABV FINISH FLOOR
- ◇ PROVIDE NEW TRAP PRIMER AND WATER HAMMER ARRESTOR ON 2" CW HEADER IN WALL WITH ACCESS PANEL
- ◇ FURNISH AND INSTALL NEW JANITORS SINK, R.I.&C NEW 1/2" CW 8HW AS REQUIRED.
- ◇ FURNISH AND INSTALL NEW JANITORS SINK, R.I.&C NEW 3" SEWER BELOW FLOOR AND 2" VTR. PROVIDE 3"WCO



PLUMBING PROPOSED CONCESSION/TOILET FLOOR PLAN - WATER AND GAS 1/4" = 1'-0" 2



PLUMBING PROPOSED CONCESSION/TOILET FLOOR PLAN - WASTE AND VENT 1/4" = 1'-0" 1



CONSULTANT
oed optimum energy design
Consulting Engineers
5515 Doyle Street
Suite 4
Emeryville, CA 94608
Telephone: (510) 857-9182

VANESSA GARRETT P.E. CE#4141 DATE
CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| △ | 5/25/2022 | | AGENCY PLAN REVIEW |
| △ | 12/02/2022 | | AGENCY PLAN REVIEW |
| △ | 03-01-23 | | ADDENDUM 1 |
| | | | |
| | | | |
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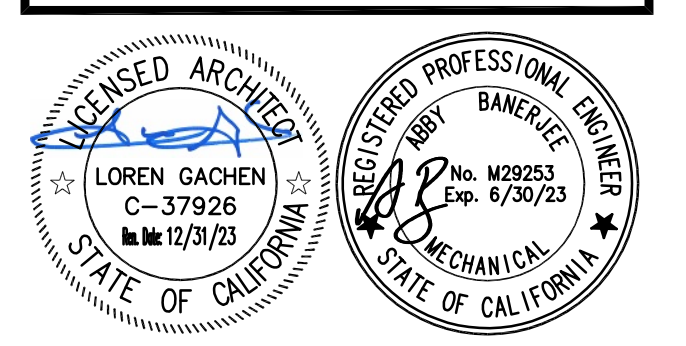
DRAWN: _____ CHECKED: _____
DATE: 02/25/2022 SCALE: _____
PROJECT NUMBER: 2010200

PLUMBING PROPOSED FLOOR PLANS

DRAWING NUMBER: **P2.0**

100% CD SUBMITTAL

HONEYBEE POOL RENOVATION
CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



CONSULTANT
oed optimum energy design
Consulting Engineers
5513 Doyle Street
Emeryville, CA 94608
Telephone: (510) 837-9192

VANESSA GARRETT P.E. CE84141 DATE
CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO. | DATE | BY | DESCRIPTION |
| 1 | 5/25/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |
| | | | |
| | | | |
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| | | | |

DRAWN: _____ CHECKED: _____
DATE: 02/25/2022 SCALE: _____
PROJECT NUMBER: 2010200

PLUMBING DETAILS

DRAWING NUMBER: **P6.0**

STATE OF CALIFORNIA
Domestic Water Heating System
NRC-C-PLB-4 CALIFORNIA ENERGY COMMISSION
NRC-C-PLB-4
This document is used to demonstrate compliance for nonresidential occupancies with requirements in §110.1, §110.3, §110.4, §110.5, and §110.6 for additional gas appliances, for domestic water heating systems using the prescriptive path. For high-rise residential and hotel/motel occupancies, compliance is demonstrated with requirements in §110.1, §110.3, §110.4, §110.5, and §110.6, and with requirements §110.7, for additional gas appliances.

Project Name: HoneyBee Pool Renovation Report Page: (Page 3 of 6)
Project Address: 1170 Golf Course Drive, Rohnert Park, CA 94928 Date Prepared: 2022-05-18 18:16:05-04:00

A. GENERAL INFORMATION

01 Project Location (City) Rohnert Park 02 Climate Zone 2
03 Occupancy Types Within Project (select all that apply):
06 Nonresidential High-Rise Residential Hotel/Motel
07 State Building Healthcare Facility Other (Write in) Community Pool Building

B. PROJECT SCOPE

01 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) Central System (serving nonresidential spaces) Equipment Distribution Controls
 System Alteration (equipment, distribution or controls) Central System (serving nonresidential spaces) Equipment Distribution Controls
 System Alteration (equipment, distribution or controls) Central System (serving nonresidential spaces) Equipment Distribution Controls

02 System Type(s)
03 System Components

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003
Registration Provider: Energy Code Act Schema Version: rev 20200601
Report Generated: 2022-05-18 15:16:22

STATE OF CALIFORNIA
Domestic Water Heating System
NRC-C-PLB-4 CALIFORNIA ENERGY COMMISSION
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Project Name: HoneyBee Pool Renovation Report Page: (Page 4 of 6)
Project Address: 1170 Golf Course Drive, Rohnert Park, CA 94928 Date Prepared: 2022-05-18 18:16:05-04:00

C. COMPLIANCE RESULTS

Table C will indicate if the project does not comply with the prescriptive path, or if it complies with the prescriptive path. If the project does not comply, the table will indicate the specific code section that is not compliant. If the project complies, the table will indicate the specific code section that is compliant.

| Table F | Table G | Table H | Table I | Table J | Table K | Table L | Table M | Table N | Table O | Table P | Table Q | Table R | Table S | Table T | Table U | Table V | Table W | Table X | Table Y | Table Z |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

D. EXCEPTIONAL CONDITIONS

This table is used to document any exceptional conditions that are not covered by the prescriptive path. If there are no exceptional conditions, this table should be left blank.

E. ADDITIONAL REMARKS

This table is used to document any additional remarks that are not covered by the prescriptive path. If there are no additional remarks, this table should be left blank.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003
Registration Provider: Energy Code Act Schema Version: rev 20200601
Report Generated: 2022-05-18 15:16:22

STATE OF CALIFORNIA
Domestic Water Heating System
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NRC-C-PLB-4
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Project Name: HoneyBee Pool Renovation Report Page: (Page 5 of 6)
Project Address: 1170 Golf Course Drive, Rohnert Park, CA 94928 Date Prepared: 2022-05-18 18:16:05-04:00

F. DOMESTIC HOT WATER EQUIPMENT

This table is used to demonstrate compliance with mandatory equipment requirements in §110.1 and §110.3. For high-rise residential and hotel/motel occupancies, compliance with prescriptive requirements in §110.1, §110.3, §110.4, §110.5, and §110.6 must also be demonstrated and with §110.7, for additional gas appliances.

| Equipment Schedule: Central Systems | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 |
|-------------------------------------|--------------------------|--------------|-----------------------------|----------------------|---------------------------------|-----------------|-------------------------|----|-------|----------|-----------------------------------|----|----|----|----|
| Name or Item Tag | Equipment Type | Volume (gal) | Rated Input Capacity (BR/h) | Rated Efficiency (%) | Minimum Efficiency Required (%) | Efficiency Unit | Designated Standby Loss | ET | 1,589 | 1,691.25 | Maximum Standby Loss ² | | | | |
| WH-1 | Gas Storage Water Heater | 30 | 33,000 | 0.85 | 0.8 | ET | | | | | | | | | |

Water Heating Equipment All Occupancies

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 |
|-----|----|----------------|----|----|----|----|----|----|----|----|----|----|----|----|
| Yes | No | Not Applicable | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | |

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003
Registration Provider: Energy Code Act Schema Version: rev 20200601
Report Generated: 2022-05-18 15:16:22

STATE OF CALIFORNIA
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Project Name: HoneyBee Pool Renovation Report Page: (Page 6 of 6)
Project Address: 1170 Golf Course Drive, Rohnert Park, CA 94928 Date Prepared: 2022-05-18 18:16:05-04:00

G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM

This table is used to demonstrate compliance for nonresidential occupancies with distribution requirements in §110.1 and §110.3. For high-rise residential and hotel/motel occupancies, compliance is demonstrated with requirements in §110.1, §110.3, §110.4, §110.5, and §110.6, and with requirements §110.7, for additional gas appliances.

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 |
|-----|----|----------------|----|----|----|----|----|----|----|----|----|----|----|----|
| Yes | No | Not Applicable | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |

TABLE 120.3-A PIPE INSULATION THICKNESS

| Fluid Temperature Range (°F) | Conductivity Range (Btu-in per hour per ft ² per °F) | Insulation Mean Rating Temp (°F) | Nominal Pipe Diameter (in) |
|------------------------------|---|----------------------------------|---|
| 105-140 | 0.22-0.28 | 100 | <1, 1 to <1.5, 1.5 to <4 |
| | | | Minimum Insulation Required |
| | | | 1.0 in or R-7.7, 1.5 in or R-12.5, 1.5 in or R-11 |

H. DOMESTIC HOT WATER CONTROLS

This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003
Registration Provider: Energy Code Act Schema Version: rev 20200601
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STATE OF CALIFORNIA
Domestic Water Heating System
NRC-C-PLB-4 CALIFORNIA ENERGY COMMISSION
NRC-C-PLB-4
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Project Name: HoneyBee Pool Renovation Report Page: (Page 5 of 6)
Project Address: 1170 Golf Course Drive, Rohnert Park, CA 94928 Date Prepared: 2022-05-18 18:16:05-04:00

I. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selectors have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table F. Additional Remarks: These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/info/CES/branches/2019_compliance_documents/Nonresidential_Documents/NRC/

| Form/Title | Pass | Fail |
|--|-------------------------------------|--------------------------|
| NRC-PLB-01-E - Must be submitted for all buildings | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no Certificates of Acceptance applicable to service water heating requirements.

K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

There are no NRCV forms required for this project.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003
Registration Provider: Energy Code Act Schema Version: rev 20200601
Report Generated: 2022-05-18 15:16:22

STATE OF CALIFORNIA
Domestic Water Heating System
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NRC-C-PLB-4
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Project Name: HoneyBee Pool Renovation Report Page: (Page 6 of 6)
Project Address: 1170 Golf Course Drive, Rohnert Park, CA 94928 Date Prepared: 2022-05-18 18:16:05-04:00

L. DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Hermias Andrias
Signature: _____
Date: 2022-05-18
Signature: _____
Date: _____

M. RESPONSIBLE PERSON'S DECLARATION STATEMENT

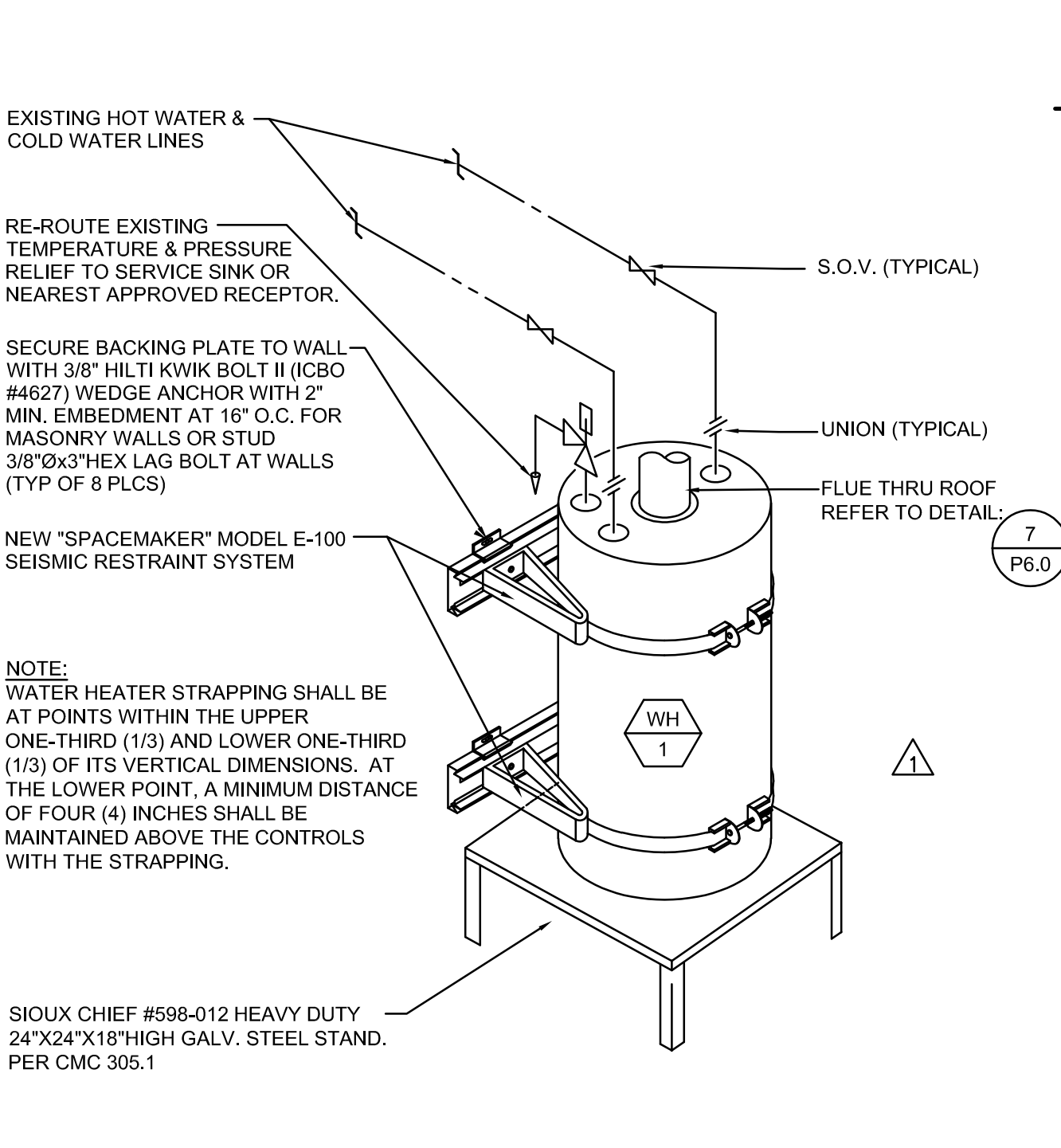
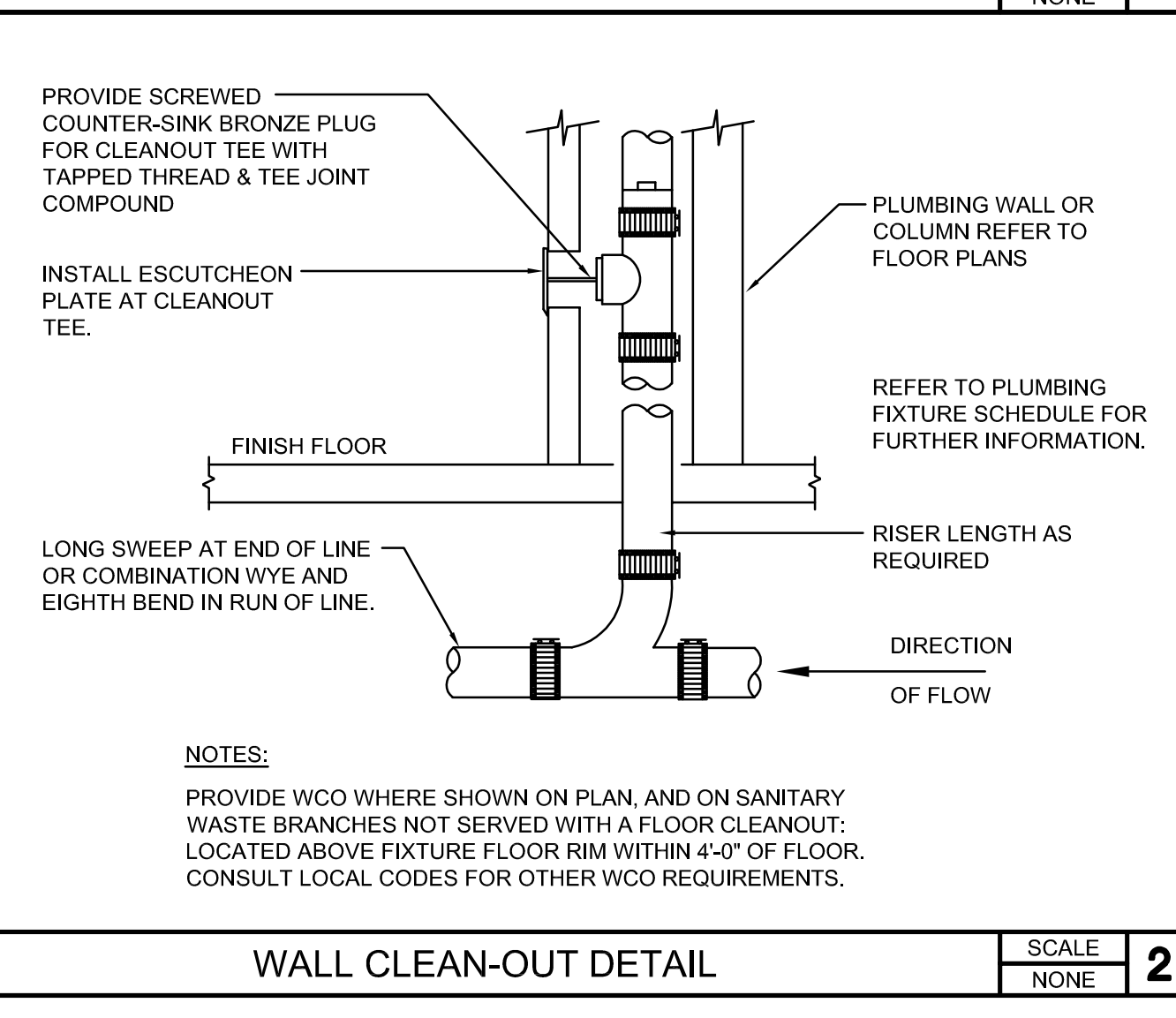
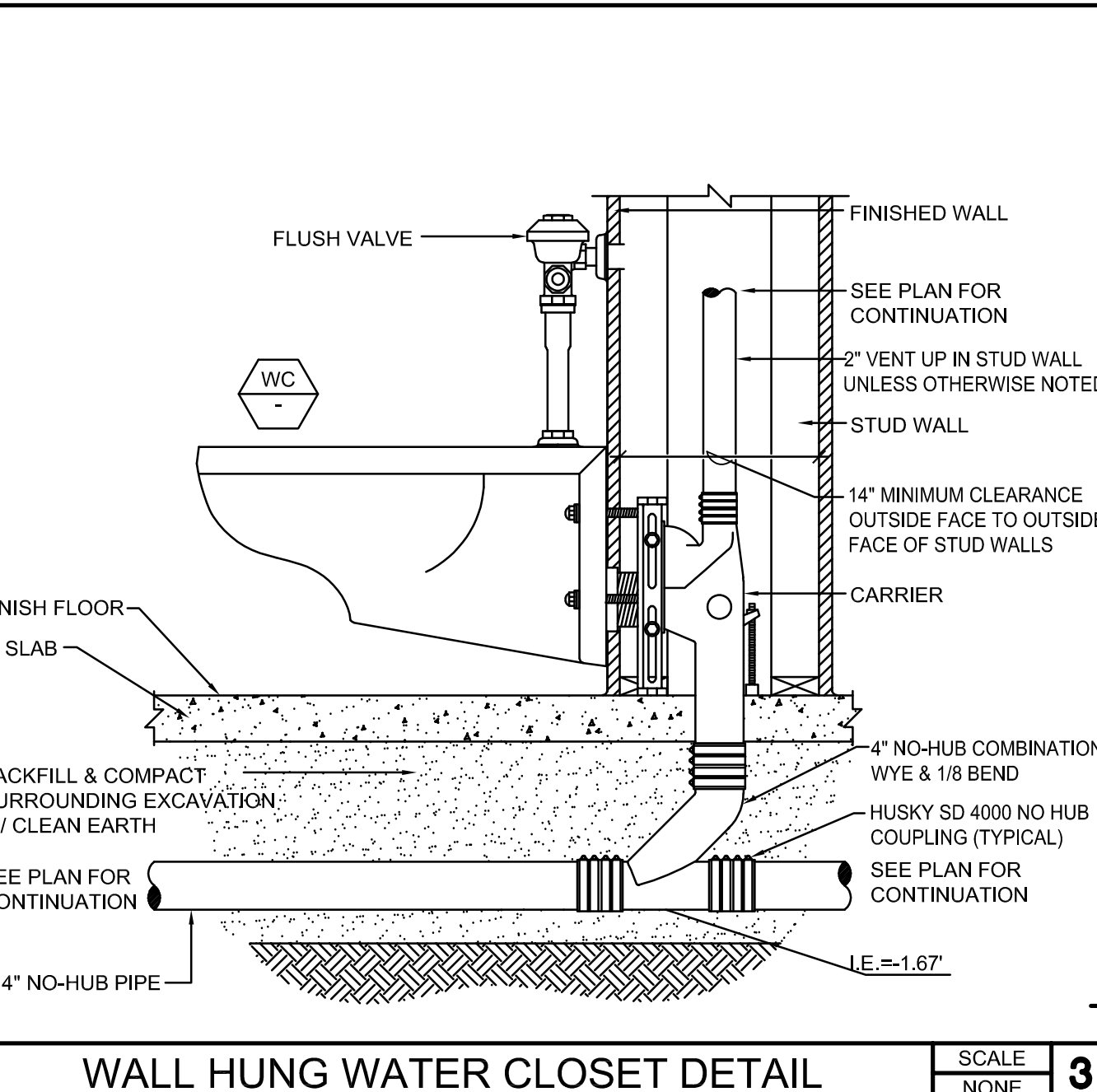
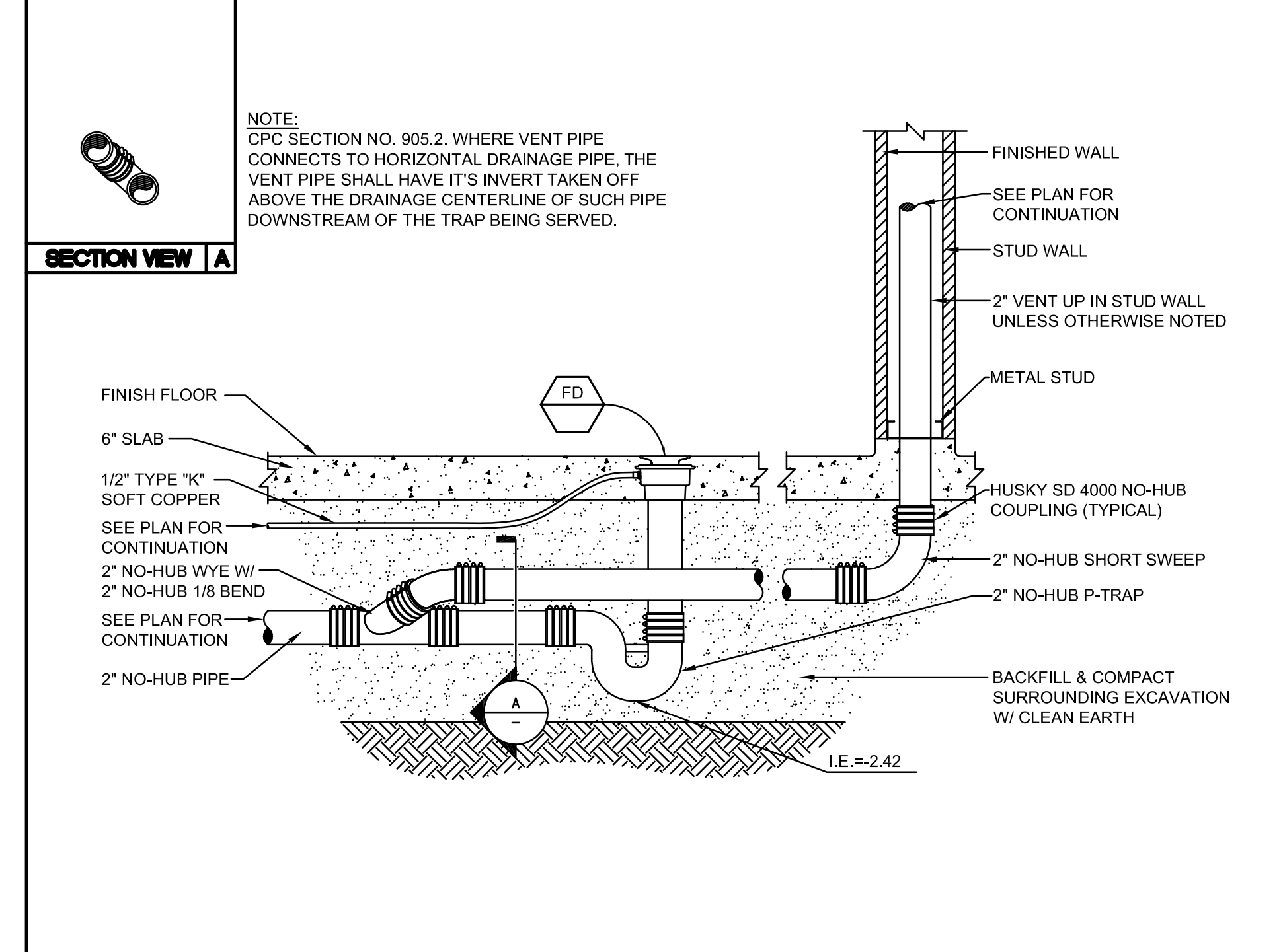
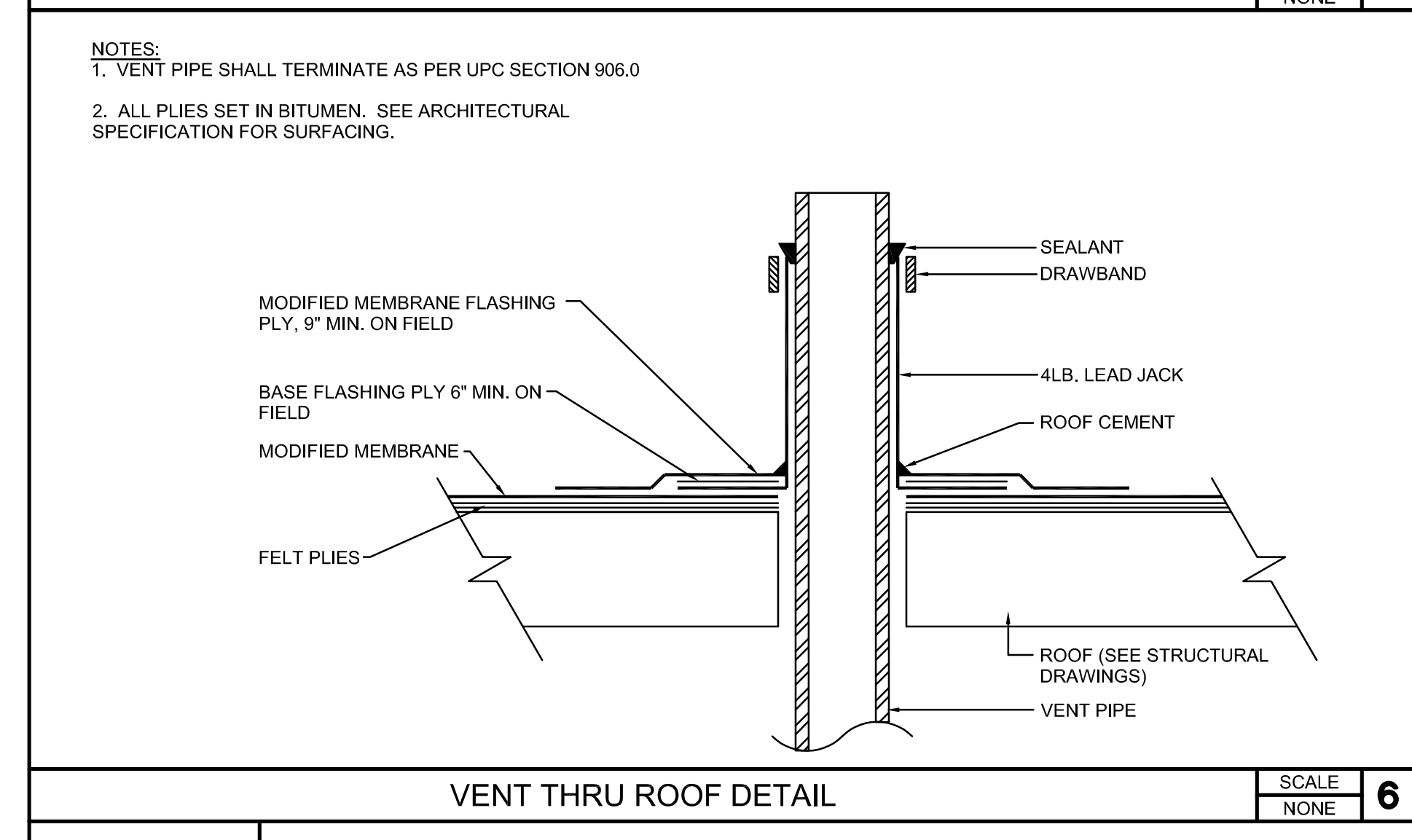
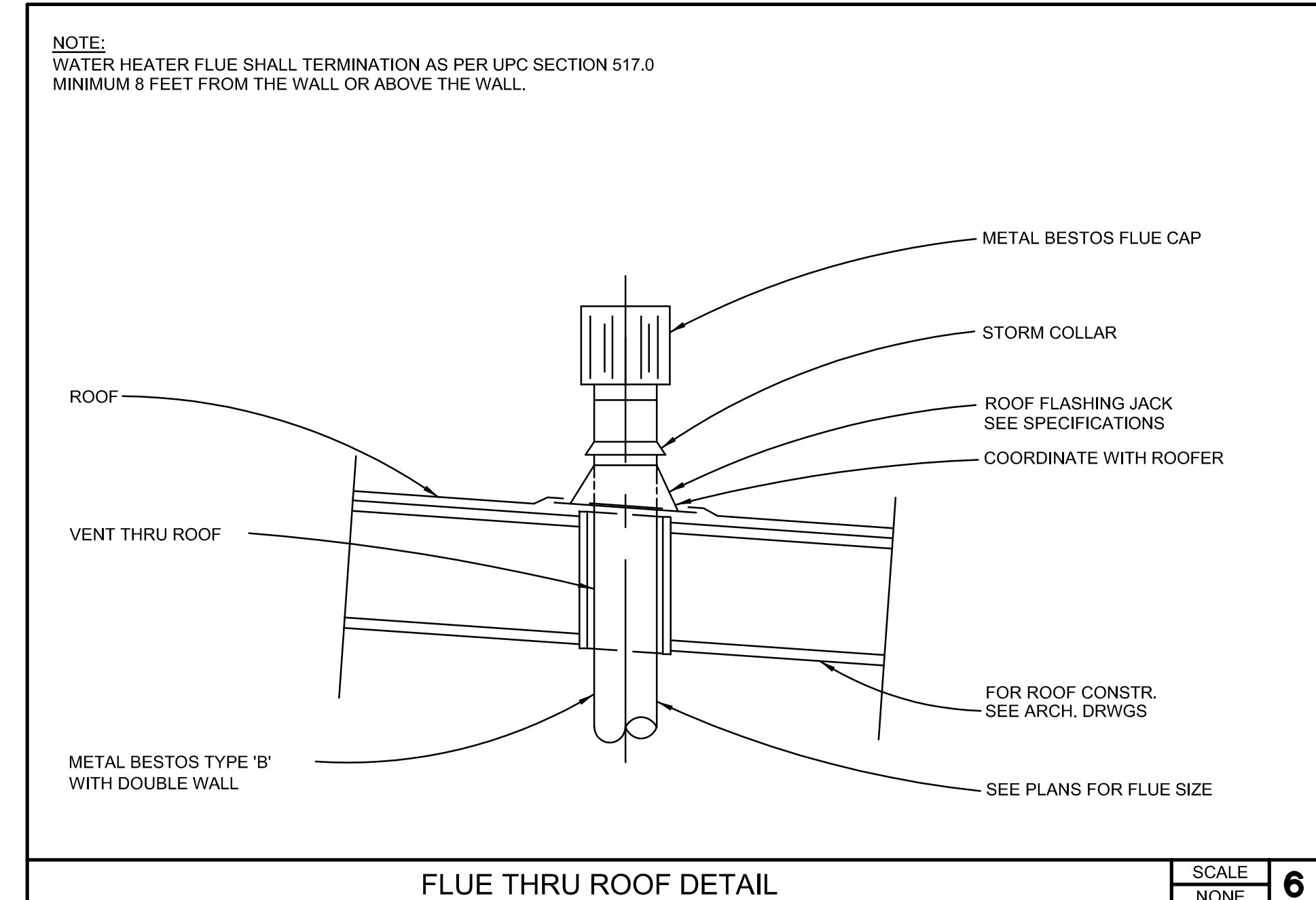
I, the undersigned, certify that I am the responsible person for the design of the building or system identified on this Certificate of Compliance (as applicable).

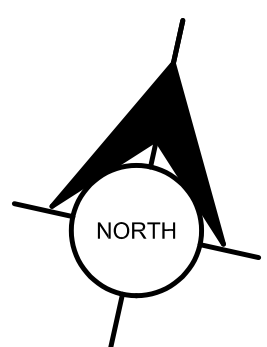
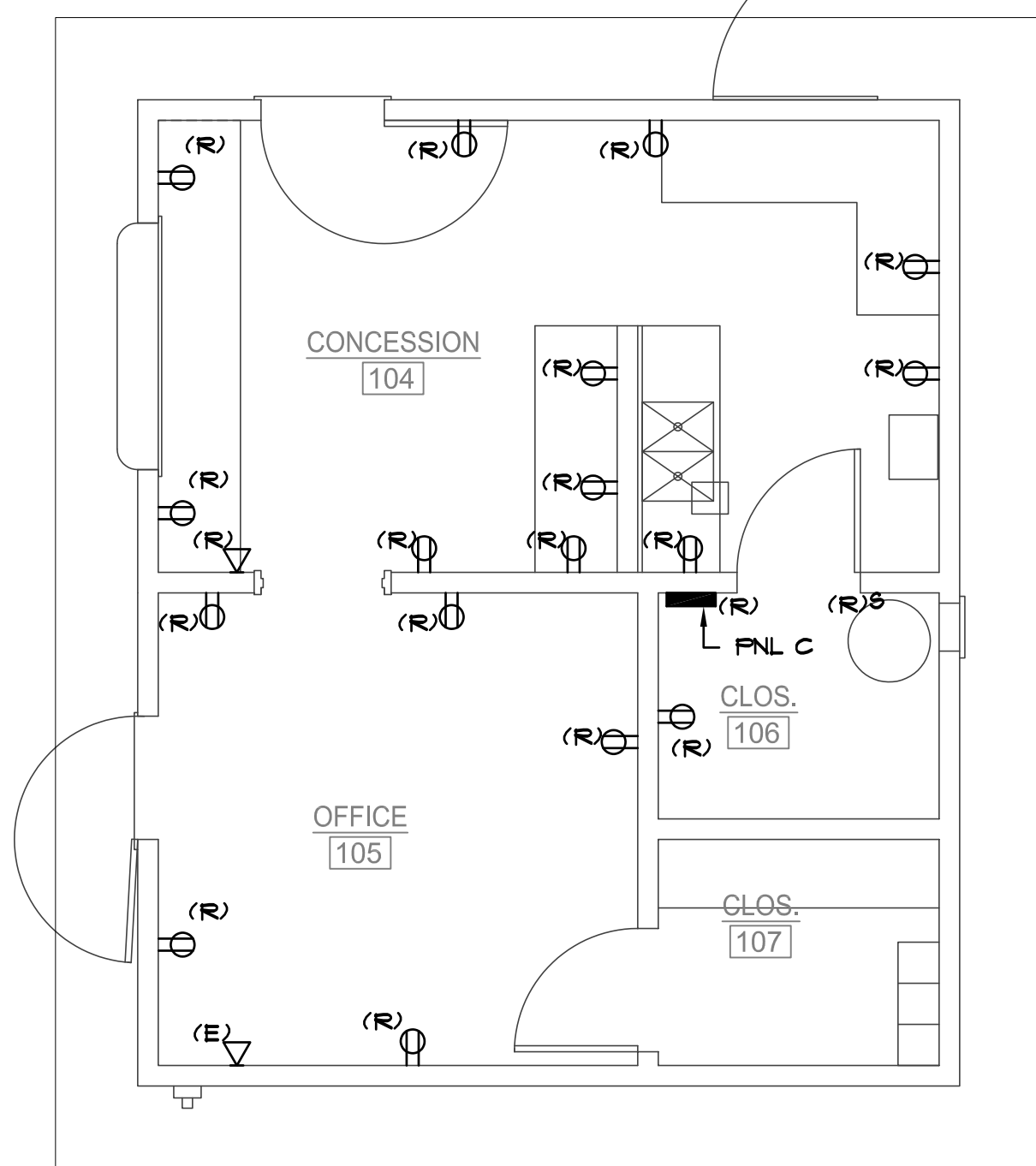
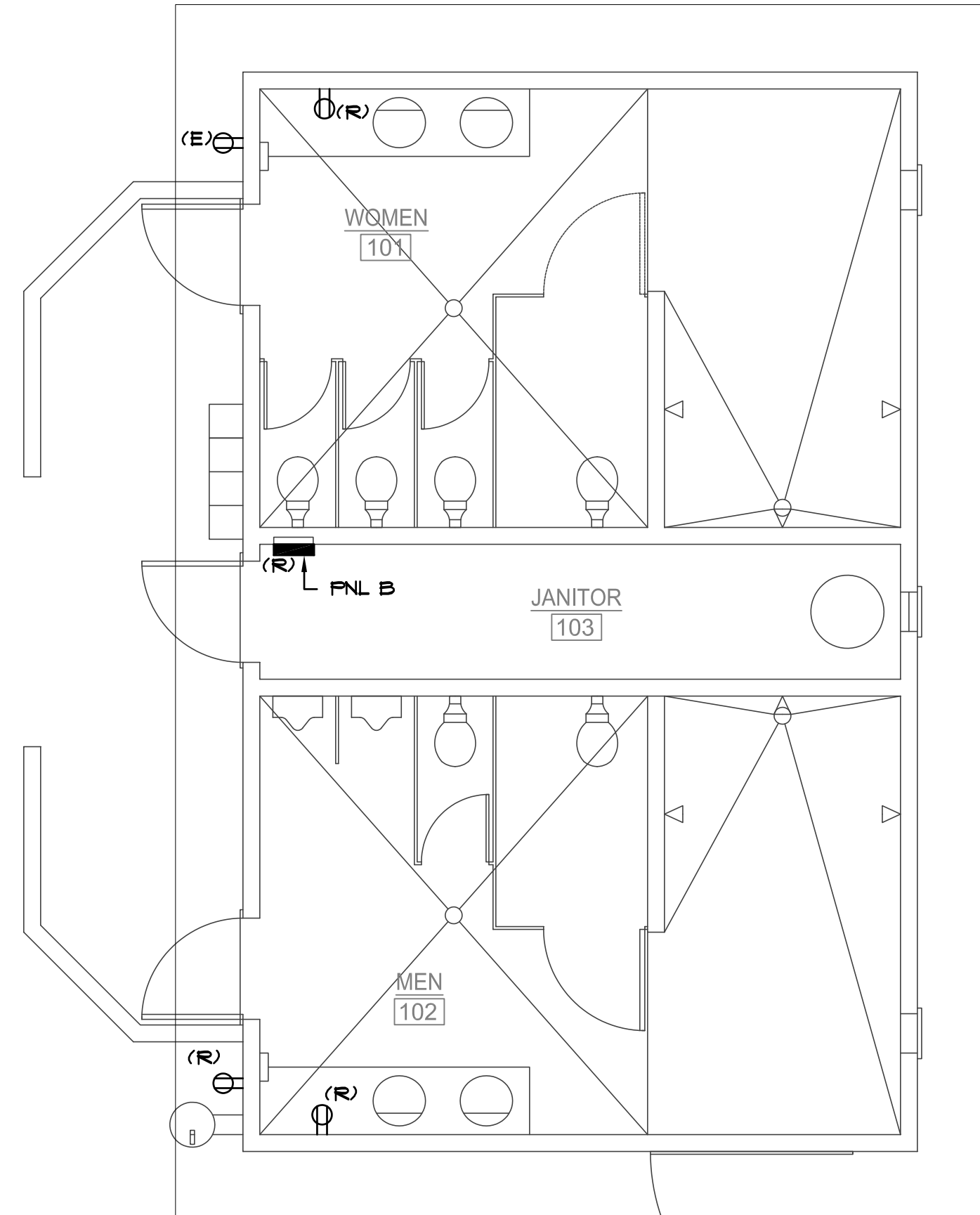
- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 9 of the Business and Professions Code to be the responsible person for the building design or system design identified on this Certificate of Compliance (as applicable).
- The energy features 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 the California Building Energy Efficiency Code (CBECC).
- 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.
- 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 permit applications. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation for the building permit(s) issued for the building or occupancy.

Responsible Designer Name: Hermias Andrias
Signature: _____
Date Signed: 2022-05-18
Signature: _____
Date: _____

Company: Optimum Energy Design
Address: 5500 E. La Plata Ave., Emeryville, CA 94608
City/State/Zip: Emeryville, CA 94607
Phone: 714-693-2200-0762

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003
Registration Provider: Energy Code Act Schema Version: rev 20200601
Report Generated: 2022-05-18 15:16:22

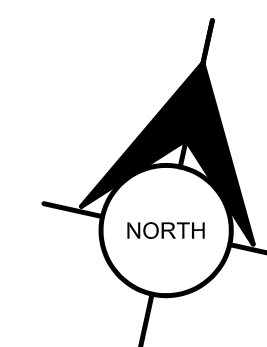
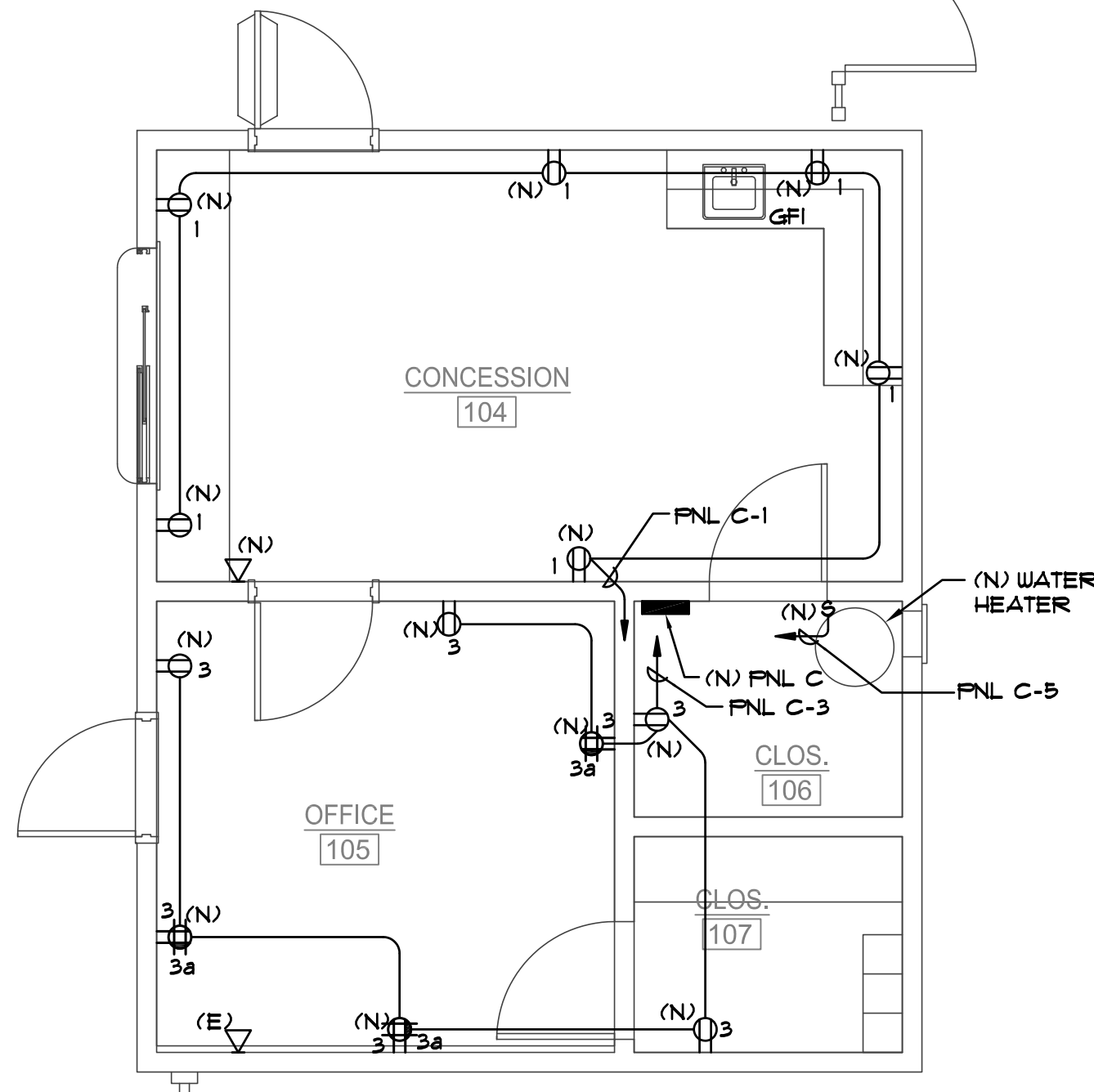
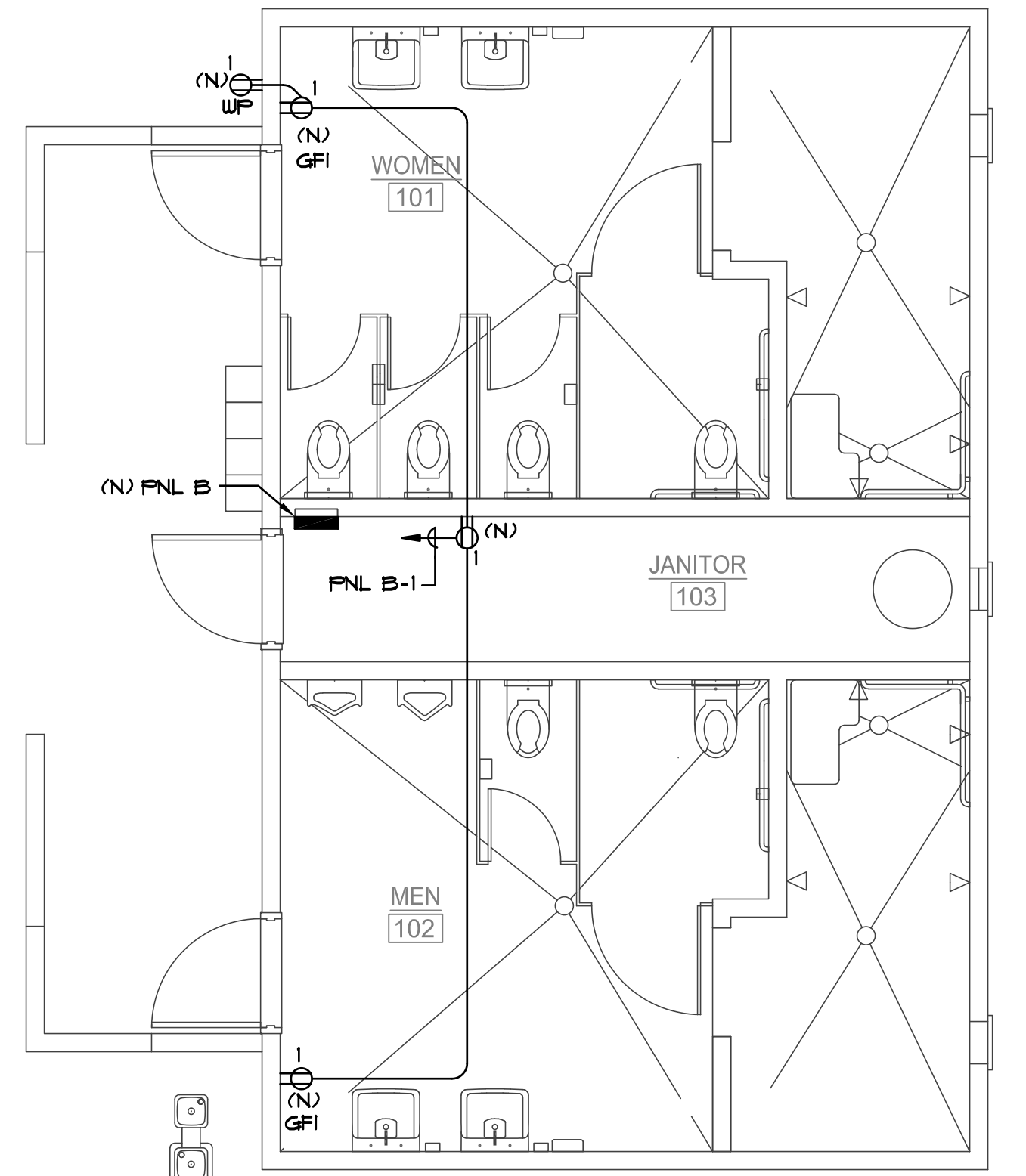




ELECTRICAL DEMOLITION FLOOR PLAN

1/4" = 1'-0"

2



ELECTRICAL REMODEL FLOOR PLAN

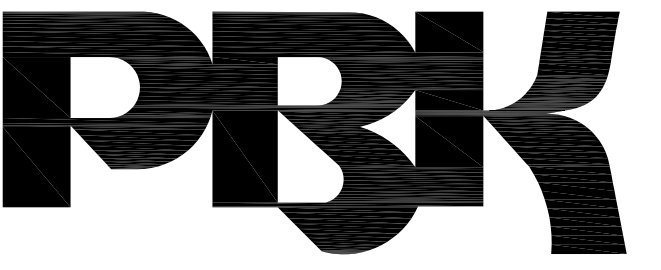
1/4" = 1'-0"

1

NEW CONSTRUCTION GENERAL NOTES

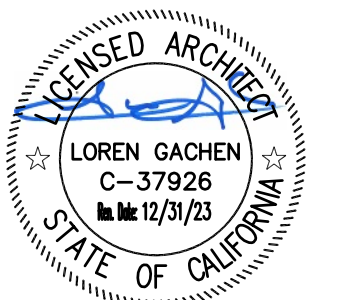
1. EXACT LOCATION OF OUTLETS SHOWN ON THESE DRAWINGS SHALL BE COORDINATED WITH THE ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN AND SHALL BE LOCATED IN SUCH A MANNER TO AVOID INTERFERENCES WITH OTHER OUTLETS AND CASEWORK.
2. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION AND ADDITIONAL REQUIREMENTS.

CONSTRUCTION KEYNOTES



BERKELEY
2600 TENTH STREET, SUITE 700
BERKELEY, CA 94710-2597
510-450-1999 P

HONEYBEE POOL RENOVATION
CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



CONSULTANT
ced optimum energy design
Consulting Engineers
5315 Doyle Street
Suite 4
Emeryville, CA 94608
Telephone: (510) 837-9182

VANESSA GARRETT P.E. CE84141 _____ DATE
CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO | DATE | BY | DESCRIPTION |
| 1 | 5/23/2022 | | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | | AGENCY PLAN REVIEW |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

DRAWN: _____ CHECKED: _____
DATE: 02/25/2022 SCALE: _____
PROJECT NUMBER: 2010200

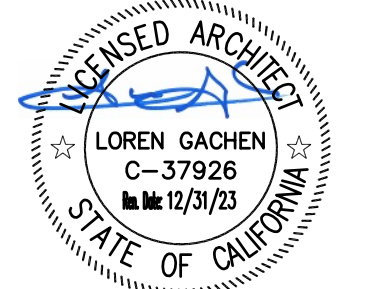
ELECTRICAL FLOOR PLAN - DEMO & REMODEL

DRAWING NUMBER: **E2.0**



BERKELEY
 2600 TENTH STREET, SUITE 700
 BERKELEY, CA 94710-2597
 510-450-1999 P

HONEYBEE POOL RENOVATION
 CITY OF ROHNERT PARK
 1170 GOLF COURSE DRIVE
 ROHNERT PARK, CA 94928



CONSULTANT
ced optimum energy design
 Consulting Engineers
 5515 Doyle Street
 Suite 4
 Emeryville, CA 94608
 Telephone: (510) 837-9182

VANESSA GARRETT P.E. CE24141 _____ DATE
 CITY ENGINEER

| REVISION SCHEDULE | | |
|-------------------|------------|--------------------|
| NO | DATE | DESCRIPTION |
| 1 | 5/23/2022 | AGENCY PLAN REVIEW |
| 2 | 12/02/2022 | AGENCY PLAN REVIEW |
| | | |
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| | | |
| | | |
| | | |
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DRAWN: _____ CHECKED: _____
 DATE: 02/25/2022 SCALE: _____
 PROJECT NUMBER: 2010200

LIGHTING FLOOR PLAN - DEMO & REMODEL

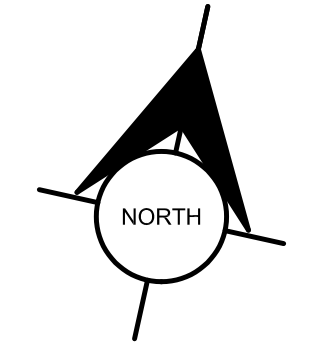
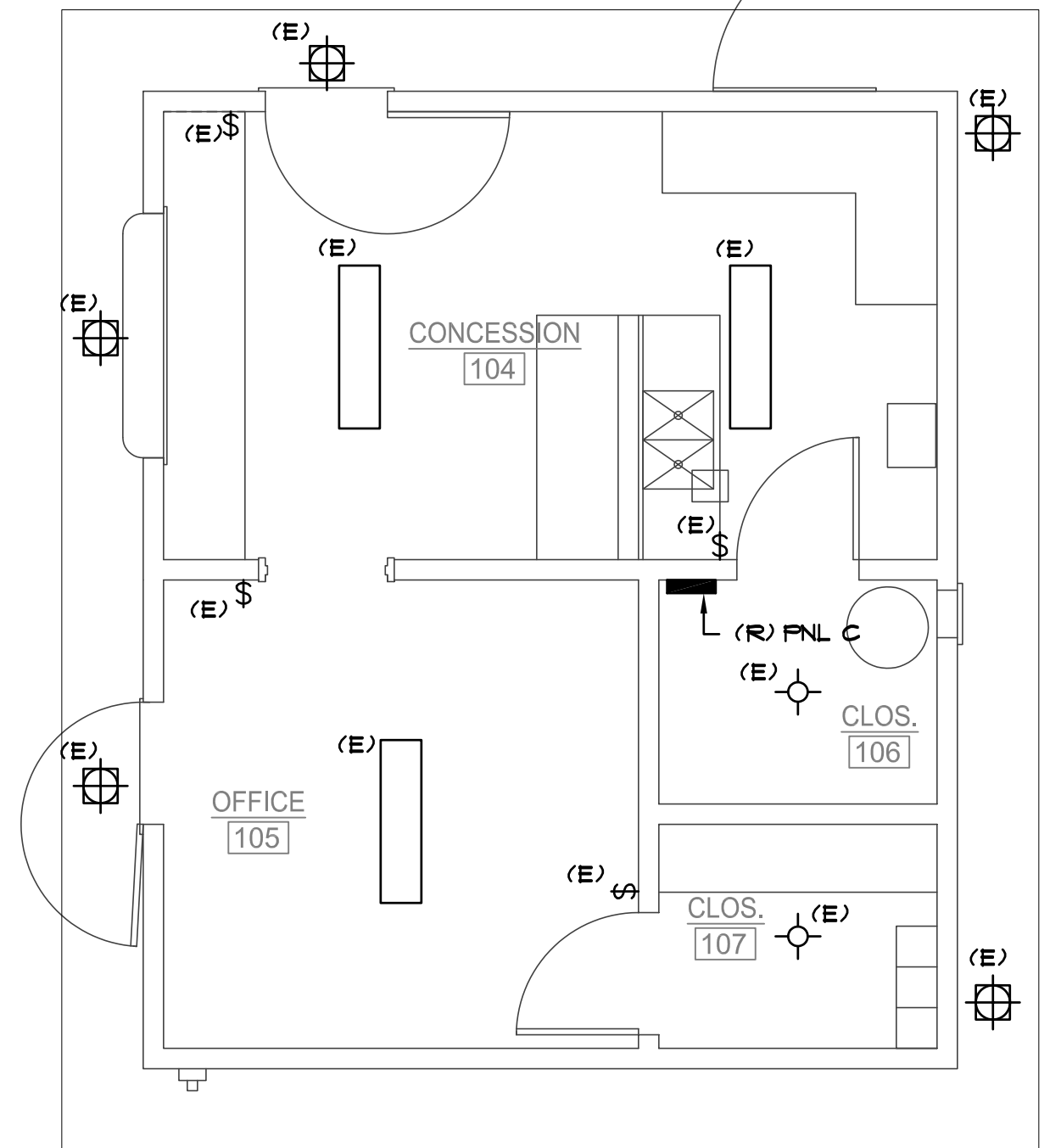
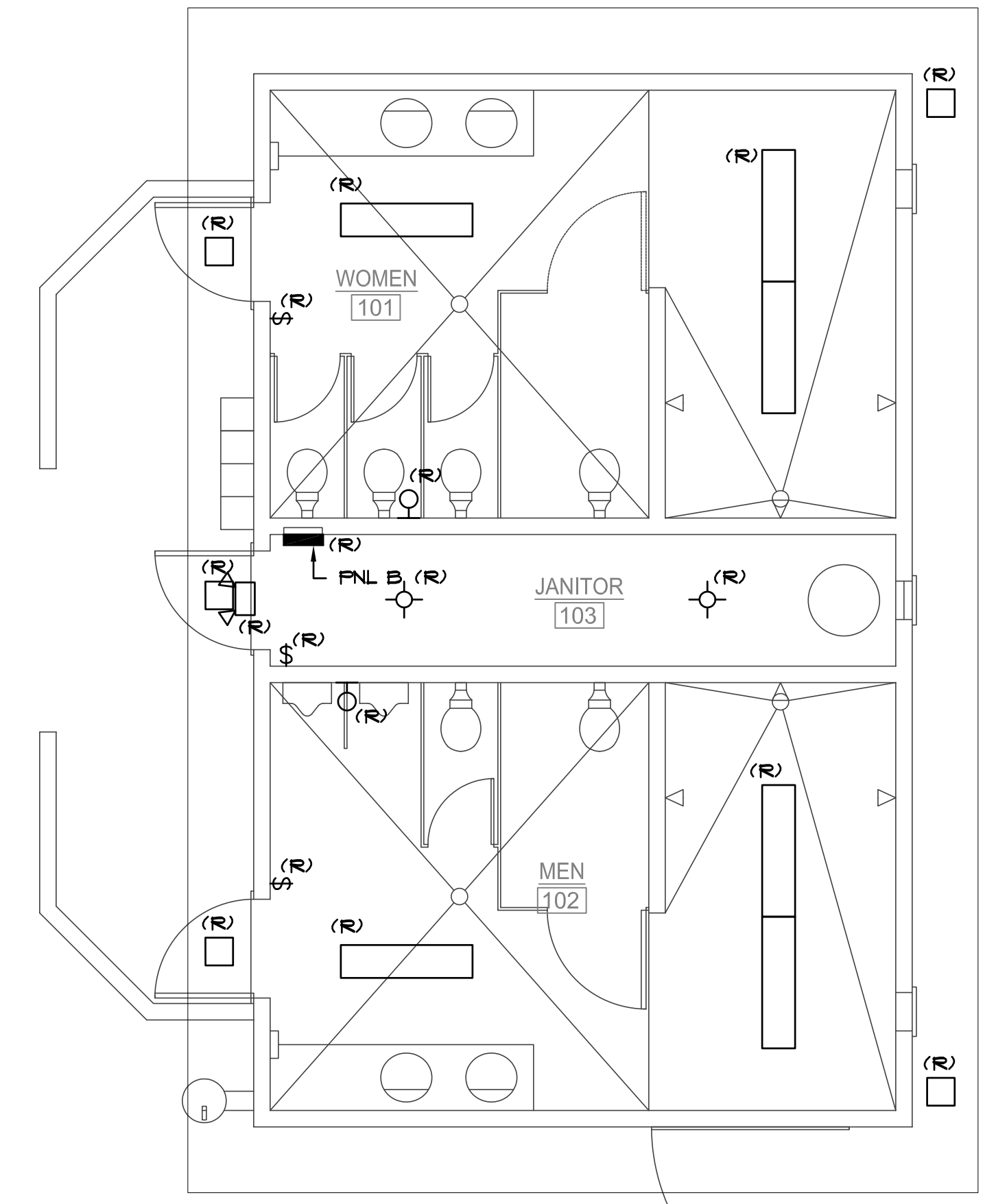
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NEW CONSTRUCTION GENERAL NOTES

- EXACT LOCATION OF OUTLETS SHOWN ON THESE DRAWINGS SHALL BE COORDINATED WITH THE ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN AND SHALL BE LOCATED IN SUCH A MANNER TO AVOID INTERFERENCES WITH OTHER OUTLETS AND CASEWORK.
- REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION AND ADDITIONAL REQUIREMENTS.

KEYNOTES

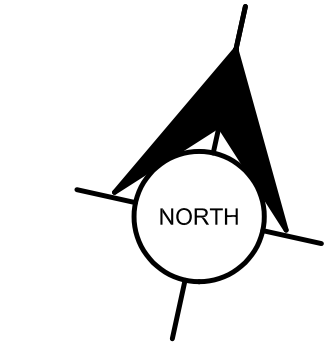
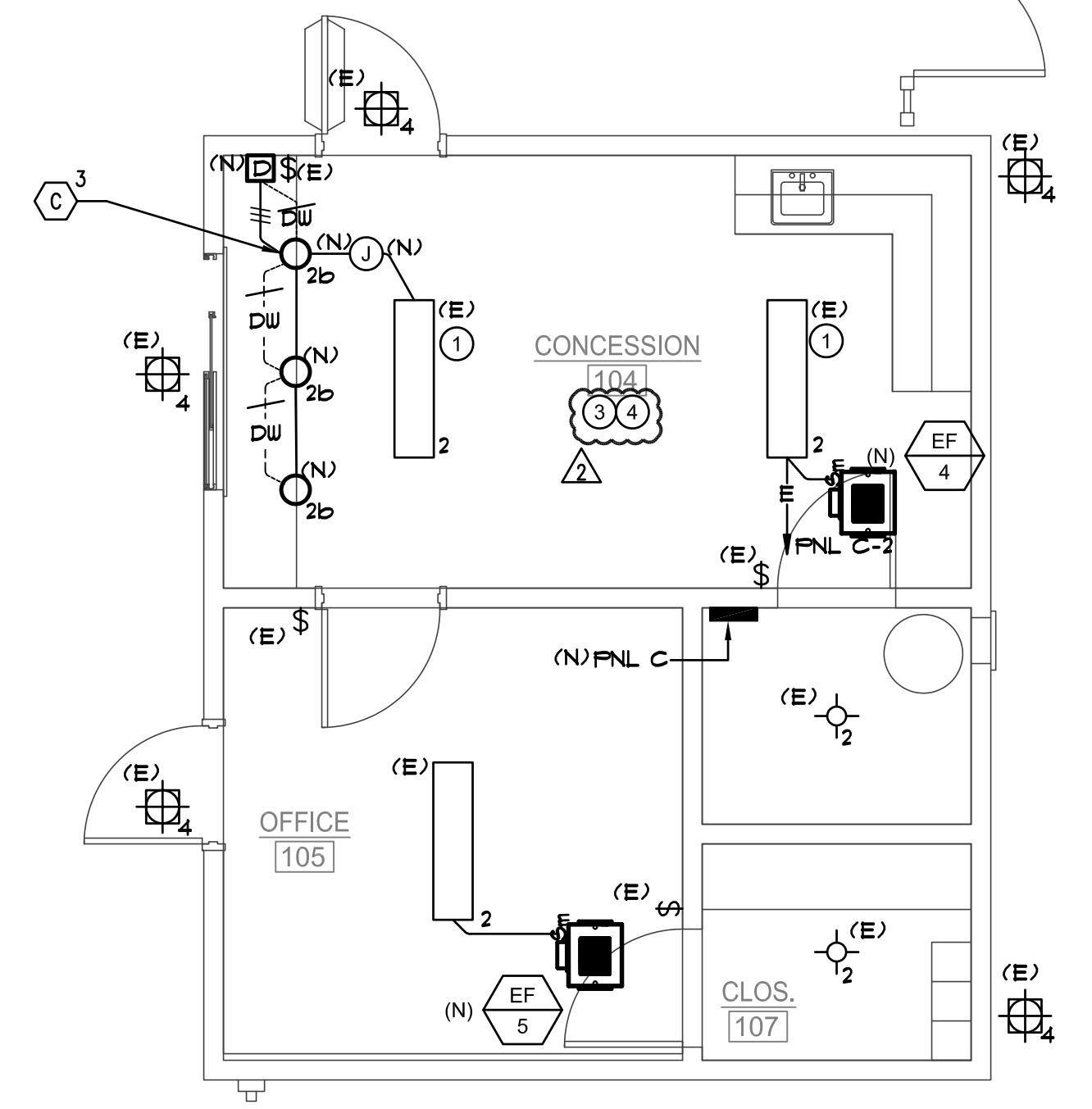
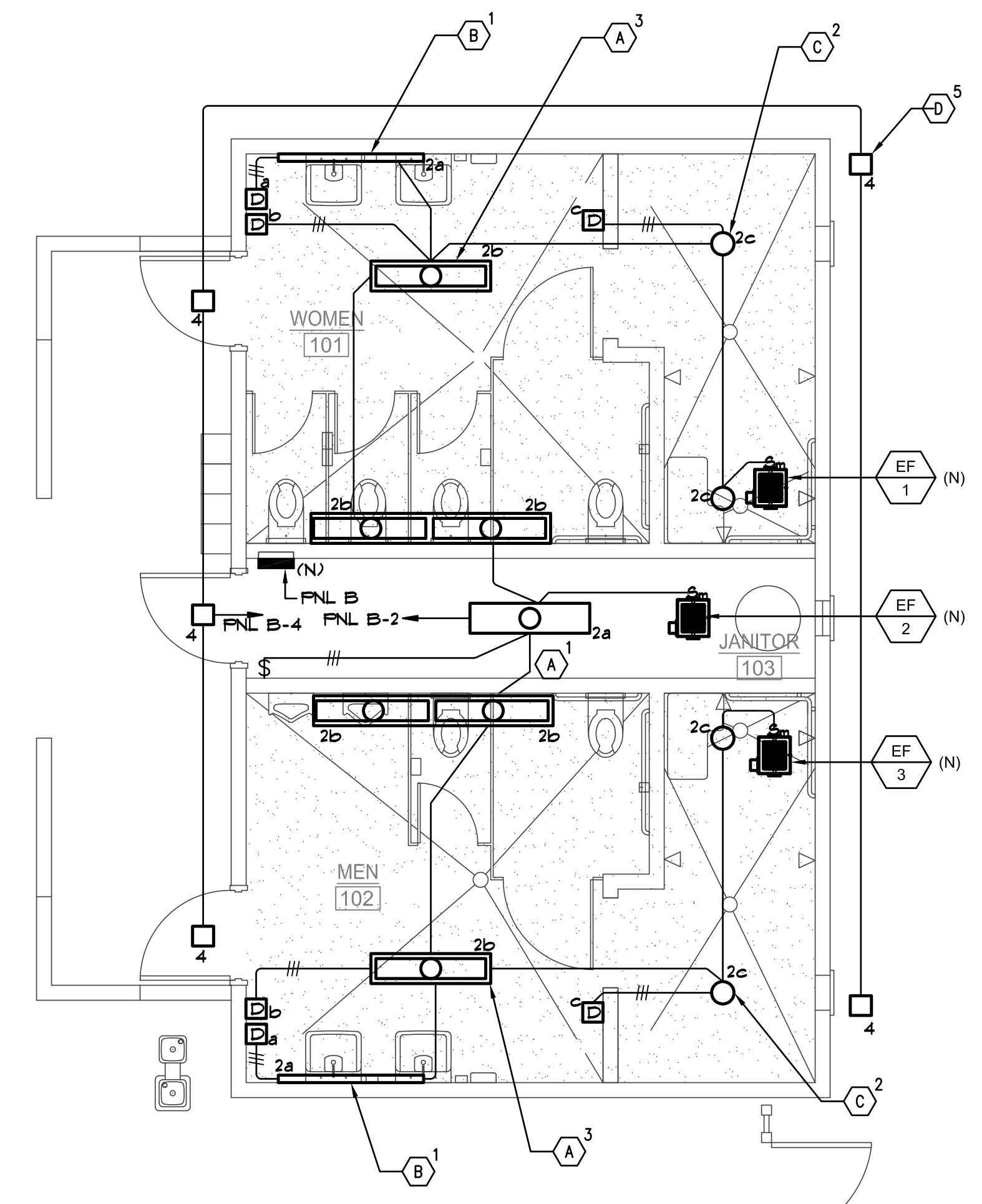
- EXISTING LIGHTS TO REMAIN. CONTRACTOR TO PROTECT EXISTING CONDUITS IN PLACE.
- LIGHT BULBS SHALL BE SHIELDED, COATED, OR OTHERWISE SHATTER-RESISTANT IN AREAS WHERE THERE IS NONPREPACKAGED READY-TO-EAT FOOD, CLEAN EQUIPMENT, UTENSILS, LINENS, OR UNWRAPPED SINGLE-USE ARTICLES.
- MINIMUM OF 20 FOOT-CANDLES OF LIGHT IS PROVIDED AT A SURFACE WHERE FOOD IS PROVIDED FOR CONSUMER SELF-SERVICE OR WHERE FRESH PRODUCE OR PREPACKAGED FOODS ARE SOLD OR OFFERED FOR CONSUMPTION IN SERVICE STATIONS WHERE FOOD IS PREPARED, AT A DISTANCE OF 30 INCHES ABOVE THE FLOOR IN AREAS USED FOR HANDWASHING, WAREWASHING, AN EQUIPMENT AND UTENSIL STORAGE, AND IN TOILET ROOMS, AND IN ALL AREAS AND ROOMS DURING PERIODS OF CLEANING.



LIGHTING DEMOLITION FLOOR PLAN

1/4" = 1'-0"

2



LIGHTING REMODEL FLOOR PLAN

1/4" = 1'-0"

1



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VANESSA GARRETT P.E. CE84141 DATE
CITY ENGINEER

| REVISION SCHEDULE | | | |
|-------------------|------------|----|--------------------|
| NO. | DATE | BY | DESCRIPTION |
| Δ | 11/03/2022 | | AGENCY PLAN REVIEW |
| Δ | 12/02/2022 | | AGENCY PLAN REVIEW |

DRAWN: NVM CHECKED: GSF
DATE: 02/25/2022 SCALE: AS NOTED
PROJECT NUMBER: 2010200

SWIMMING POOL / WADING POOL DEMOLITION PLAN

DRAWING NUMBER: **DP-1**

LEGEND

- MD = MAIN DRAIN
- HR = HANDRAIL
- SS = SURFACE SKIMMER
- AL = ACCESSIBLE LIFT
- GR = GRABRAIL
- RP = ROPE PLATFORM
- (E) = EXISTING
- (N) = NEW
- = POOL AND EQUIPMENT DEMOLITION

SWIMMING POOL DATA

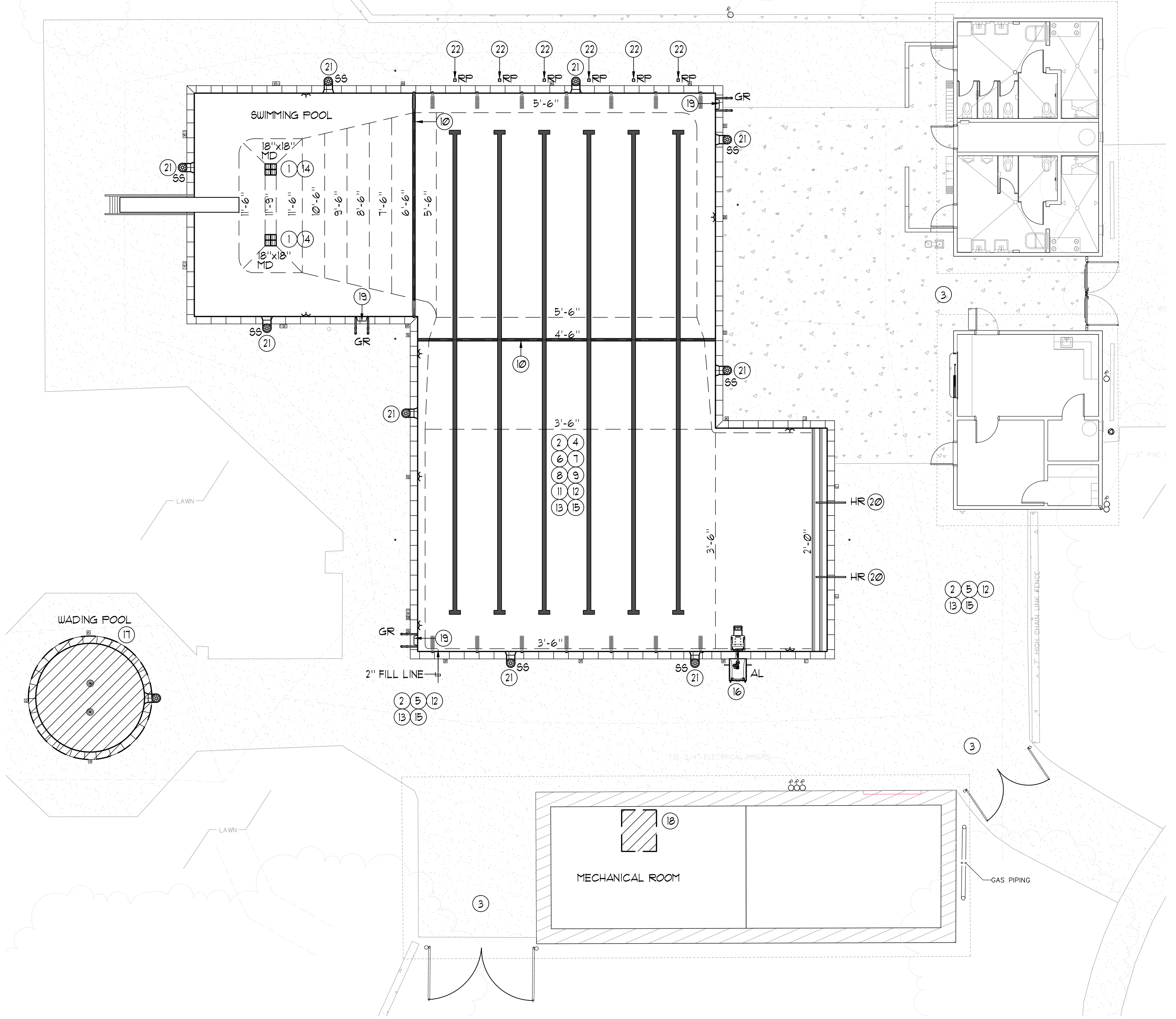
| | | |
|---------------|---|-----------------|
| SURFACE AREA | = | 4350 SQ. FT. |
| PERIMETER | = | 320 FT. |
| DEPTHS | = | 2'-0" TO 11'-6" |
| VOLUME | = | 152,000 GAL. |
| 6 HR TURNOVER | = | 422 GPM |

DEMOLITION/CONSTRUCTION NOTES

- 1 CARE IS TO BE TAKEN DURING POOL DRAIN DOWN, TO RELIEVE ANY HYDROSTATIC PRESSURE THROUGH EXISTING HYDROSTATIC RELIEF VALVES AND DRAINING THE POOL SLOWLY.
- 2 THE CONTRACTOR SHALL COORDINATE DEMOLITION WITH OTHER TRADES, AND SHALL PROTECT ALL EXISTING WORK, BUILDINGS, UTILITIES, ETC. TO REMAIN AS REQUIRED FOR RENOVATION OF SWIMMING POOL AND COMPLETE REMOVAL OF WADING POOL.
- 3 COORDINATE INGRESS/EGRESS AND HAUL ROUTES WITH THE OWNER PRIOR TO START OF WORK.
- 4 POOL PLAN VIEWS AND SECTIONS ARE SHOWN FOR CONTRACTOR INFORMATION AND ASSISTANCE. THE CONTRACTOR IS RESPONSIBLE FOR INDIVIDUAL SQUARE FOOTAGE TAKE-OFFS AND ESTIMATIONS WITH REGARD TO DEMOLITION, PREPARATION, AS WELL AS MEANS AND METHODS OF CONSTRUCTION. CONTRACTOR SHALL VISIT THE SITE AS REQUIRED TO ACCOMPLISH THE WORK, AND TO BECOME FAMILIAR WITH SCOPE AND SERVICES OF WORK REQUIRED.
- 5 COORDINATE PROPOSED CONTRACTOR STAGING AREA WITH THE OWNER PRIOR TO CONSTRUCTION. PROVIDE TEMPORARY PHONE, TOILET(S), FENCING, GATES, ETC. AS REQUIRED.
- 6 REMOVE EXISTING POOL PLASTER FINISH, RACING LANE LINE TILE, TARGET TILE, WATERLINE TILE AND STEP TRIM TILE DOWN TO ORIGINAL SOUND CONCRETE/SHOTCRETE. ANY CRACKS LARGE ENOUGH TO INSERT THE EDGE OF A DIME INTO, SHALL BE CHIPPED OUT TO A MINIMUM OF 3/4" X 3/4" AND THEN FILLED FLUSH WITH NON-SHRINK GROUT. ALL EXPOSED REBAR RUST SPOTS, ETC. SHALL BE BUSHED DOWN 1/2" BELOW FINISH SURFACE, ZINC COATED AND FILLED FLUSH WITH NON-SHRINK GROUT. ANY OTHER IMPERFECTIONS IN THE POOL SHELL SHALL BE REPAIRED PRIOR TO INSTALLING NEW TILED LANE LINES, END WALL TARGETS, DEPTH MARKER TILE AND PRIOR TO NEW WHITE PLASTER INSTALLATION.
- 7 PROVIDE NEW SWIMMING POOL WATER LINE TILE, LANE LINE TILE, DEPTH MARKER TILE, ETC. PER SPECIFICATIONS. DEPTH MARKERS SHALL BE LOCATED AT MAXIMUM 25'-0" O.C. AROUND ENTIRE POOL PERIMETER AND SHALL HAVE MINIMUM 4" TALL NUMBERS AND LETTERS. PROVIDE NEW INTERNATIONAL NO DIVING TILES AT ALL DEPTH MARKER LOCATIONS 6'-0" DEPTH OR SHALLOWER ON DECK DEPTH MARKERS.
- 8 REPLACE ANY DAMAGED OR MISSING POOL FITTINGS, ROPE ANCHORS, ETC. LOST DURING DEMOLITION/CONSTRUCTION AS REQUIRED.
- 9 REPLACE ANY DAMAGED OR MISSING WALL INLET AND REPLACE FLOOR INLET COVER PLATES (IF APPLICABLE), AND ANY DAMAGED INLETS COMPLETELY PER SPECIFICATIONS.
- 10 REMOVE EXISTING 4'-6" AND 6'-6" WATER DEPTH TILE MARKERS (4" LINE) AND PROVIDE NEW DAL-TILE "D621 NAUTICAL BLUE.
- 11 THE CONTRACTOR SHALL INSURE THAT ALL SURFACES ARE PREPARED TO A MINIMUM 1/4" AMPLITUDE TO RECEIVE PLASTER FINISH. WEATHER CONDITIONS SHALL BECOME A CRITICAL PART OF WORK AND SHALL BE TAKEN INTO CONSIDERATION AT THE TIME OF PLASTER APPLICATION.
- 12 THE CONTRACTOR SHALL PROVIDE A SUFFICIENT NUMBER OF WORKERS TO INSURE THAT THE ENTIRE POOL CAN BE PLASTERED IN A SINGLE DAY OR SHALL PROVIDE CONTINUAL MISTING OF PLASTERED SURFACES TO INSURE THAT PLASTER IS NOT EXPOSED TO THE AIR FOR A PERIOD OF TIME WHICH WOULD CAUSE DAMAGE IN ANY WAY.
- 13 THE OWNER SHALL IDENTIFY THE SWIMMING POOL FILL WATER SOURCE FROM CLOSEST FIRE HYDRANT AND SHALL PAY FOR THE WATER TO FILL THE POOL. THE CONTRACTOR IS RESPONSIBLE FOR FIRE HOSE, HOSES, FILLING AND PROTECTION OF PLASTER SURFACES. FILL SOURCE SHALL BE BLOW-OFF INITIALLY TO PROVIDE A CLEAN DOMESTIC WATER SOURCE. THE CONTRACTOR SHALL PROVIDE CONTINUOUS FILL UNTIL THE WATER IS AT OPERATIONAL LEVEL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND BALANCING OF THE POOL WATER FOR A PERIOD OF NOT LESS THAN FOURTEEN (14) DAYS AFTER PLASTER. THE CONTRACTOR SHALL COORDINATE HIS EFFORTS WITH OWNERS STAFF TO PROVIDE INSTRUCTION AND TRAINING IN PROPER OPERATION OF POOL IN CONJUNCTION WITH NEW PLASTER SURFACES.
- 14 THE CONTRACTOR SHALL REMOVE EXISTING POOL MAIN DRAIN FRAMES AND GRATES AND PROVIDE NEW 18" X 18" MAIN DRAIN FRAMES AND GRATES PER THE SPECIFICATIONS AND PROVIDE VGBA CERTIFICATION TO THE OWNER AND HEALTH DEPARTMENT.
- 15 CONTRACTOR IS TO PHOTOGRAPH AND DOCUMENT ON A PLAN ANY AND ALL EXISTING DAMAGED ITEMS/SURFACES, FINISHES IN AND IMMEDIATELY AROUND THE WORK AREA AND ALONG ALL WORK PATHS FROM STAGING AREA PRIOR TO THE START OF WORK. CONTRACTOR IS TO SITE WALK ALL EXISTING DAMAGED AREAS WITH THE OWNER AND PROVIDE A COPY OF THE PHOTOGRAPHS AND DOCUMENTATION BEFORE WORK BEGINS. FAILURE TO PROVIDE THIS INFORMATION REPRESENTS ACCEPTANCE BY THE CONTRACTOR THAT ALL EXISTING SURROUNDING FINISHES (CONCRETE, AC PAVING, FLOORING, ETC.) AND ALL GATES, DOORS, PATHWAYS, ETC. ARE UNDAMAGED AND IN CLEAN AND FUNCTIONING CONDITION, AND CONTRACTOR ACCEPTS THE RESPONSIBILITY TO MAINTAIN AND CORRECT ANY DAMAGE LATER FOUND BY THE OWNER DURING CONSTRUCTION PERIOD IN THESE AREAS AT NO EXPENSE TO THE OWNER.
- 16 RELOCATE EXISTING ACCESSIBLE LIFT PER SP-1.
- 17 DEMOLISH AND REMOVE EXISTING WADING POOL TO EXTENTS SHOWN ON PLANS, BACKFILL AND COMPACT SOIL PER GEOTECHNICAL REPORT. SEE ARCH PLANS FOR NEW DECKING AND LAYOUT.
- 18 REMOVE ALL (E) WADING POOL MECHANICAL EQUIPMENT AND ASSOCIATED PIPING IN MECHANICAL ROOM, CAP OFF AND ABANDON ALL PIPE STUBS WITHIN 12" OF FLOOR/WALL.
- 19 REMOVE ALL EXISTING GRABRAIL STEPS, PRIOR TO REPLASTER ALL RUST SPOTS SHALL BE EXPOSED, BUSHED DOWN 1/2" BELOW FINISHED SURFACE, ZINC COATED AND FILLED FLUSH WITH NON-SHRINK GROUT. THEN NEW CYCLOAC SEMI-RECESSED STEPS SHALL BE INSTALLED WITH NON-SHRINK GROUT. REMOVE AND PROTECT ALL (E) GRABRAILS DURING CONSTRUCTION. CLEAN AND POLISH (E) GRABRAILS WITH 600 GRIT POLISH AND REINSTALL AFTER WORK HAS BEEN COMPLETED.
- 20 REMOVE AND PROTECT EXISTING HANDRAILS DURING CONSTRUCTION. CLEAN AND POLISH WITH 600 GRIT POLISH AND REINSTALL AFTER WORK HAS BEEN COMPLETED. PROVIDE (2) NEW HANDRAILS PER PLANS AND SPECIFICATIONS, BOND PER CODE.
- 21 CLEAN AND REPAIR ANY SURFACE SKIMMER WEIRS AND BASKETS WITH NEW PARTS TO PROVIDE PROPER SKIMMING OF SWIMMING POOL.
- 22 THE CONTRACTOR SHALL SAW CUT AND REMOVE EXISTING RACING PLATFORM ANCHORS COMPLETE AND FILL IN WITH NEW NON-SHRINK GROUT. FIELD VERIFY ALL CONDITIONS AND SAUCUT TO MINIMUM DECK DISTURBANCE.

EXISTING POOL EQUIPMENT SCHEDULE

| EQUIPMENT | MANUFACTURER/BRAND | MODEL/DESCRIPTION |
|----------------------------|--------------------|---|
| HEATER | RAYPAK | XTHERM MODEL I P1-1505A, TYPE P |
| FILTER (2) | PENTAIR/STARK | MODEL R21 HIGH-RATE SAND FILTER, 344 GPM PER FILTER, FILTRATION AREA: 112 SQ. FT. |
| CIRCULATION PUMP | PENTAIR | C-SERIES, CHK-100, 10 HP |
| FLOW METER | SIGNET | GF- FN-305501 |
| ACID FEED PUMP | BLUE-WHITE | *A1A4-TT PERISTALTIC METERING PUMP |
| CHLORINE FEED PUMP | BLUE-WHITE | *A2A24-SNEE PERISTALTIC METERING PUMP |
| WATER CHEMISTRY CONTROLLER | HAYWARD | CAT 600 CHEMICAL CONTROLLER |



HONEYBEE POOL RENOVATION

CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928

SWIMMING POOL DATA

| | | |
|----------------|---|----------------|
| SURFACE AREA | = | 4,350 SQ. FT. |
| PERIMETER | = | 320 FT. |
| DEPTH | = | 2'-0" - 11'-6" |
| VOLUME | = | 152,000 GAL. |
| 6 HR. TURNOVER | = | 422 GPM |

LEGEND

| | | | | |
|-----|---|----------------------|-----|------|
| HR | = | HANDRAIL | (2) | 9P-3 |
| DM | = | DEPTH MARKER | (5) | 9P-3 |
| ND | = | NO DIVING MARKER | (6) | 9P-3 |
| MD | = | MAIN DRAIN | (8) | 9P-3 |
| GR | = | GRAB RAIL | (1) | 9P-4 |
| SS | = | SURFACE SKIMMER | | |
| WLC | = | WATER LEVEL CONTROL | | |
| AL | = | ACCESSIBLE LIFT | | |
| UL | = | UNDERWATER LIGHT | | |
| RA | = | ROPE ANCHOR | | |
| BS | = | BACKSTROKE STANCHION | | |
| (N) | = | NEW | | |
| (E) | = | EXISTING | | |

NOTES:

- NEW POOL SURFACE FINISH SHALL BE WHITE PLASTER.
- NEW POOL DEPTH MARKERS SHALL BE LOCATED AROUND POOL PERIMETER AND COINCIDING WATER LINE AT SPACING NOT TO EXCEED 25'-0".
- EACH POOL SHALL BE PROVIDED WITH A SHEPHERD'S HOOK ATTACHED TO A NON-TELESCOPING POLE, WITH A MIN LENGTH OF FOURTEEN (14) FEET, AND MADE WITH A BLUNT END. EACH POOL SHALL BE PROVIDED WITH A USCG APPROVED LIFESAVING RING HAVING AN OUTSIDE DIAMETER OF FIFTEEN TO TWENTY-FOUR INCHES (15"-24"), FIRMLY ATTACHED TO A ONE-QUARTER INCH TO THREE-EIGHTHS INCH (1/4"-3/8") DIAMETER THROWING ROPE THAT IS AS LONG AS ONE AND ONE HALF (1 1/2) TIMES THE MAXIMUM WIDTH OF THE POOL, OR FIFTY FEET (50'), WHICHEVER IS LESS. LIFESAVING EQUIPMENT SHALL BE MOUNTED IN A CONSPICUOUS PLACE WITHIN THE POOL ENCLOSURE AND BE READILY AVAILABLE FOR USE IN GOOD CONDITION. FIELD VERIFY EXISTING.
- ALL EXISTING UNDERWATER LIGHTS SHALL BE ON A GFCI BREAKER. FIELD VERIFY AND REPLACE BREAKER IF IT IS NOT A GFCI BREAKER.
- AS PART OF THE SCOPE OF WORK THE CONTRACTOR SHALL FIELD VERIFY THAT THE EXISTING DIVING BOARD DOES NOT PROTRUDE MORE THAN 6FT PAST THE COPING AND THAT A MINIMUM 8'-6" DEPTH IS MAINTAINED FOR A MIN OF 6FT HORIZONTALLY FROM THE EDGE OF THE DIVING BOARD AND THAT THE SPRINGLINE HAS A MIN DEPTH OF 2'-6" AND PROVIDE A WRITTEN STATEMENT TO THE HEALTH DEPARTMENT STATING SUCH.



CONSULTANT

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760-435-8400

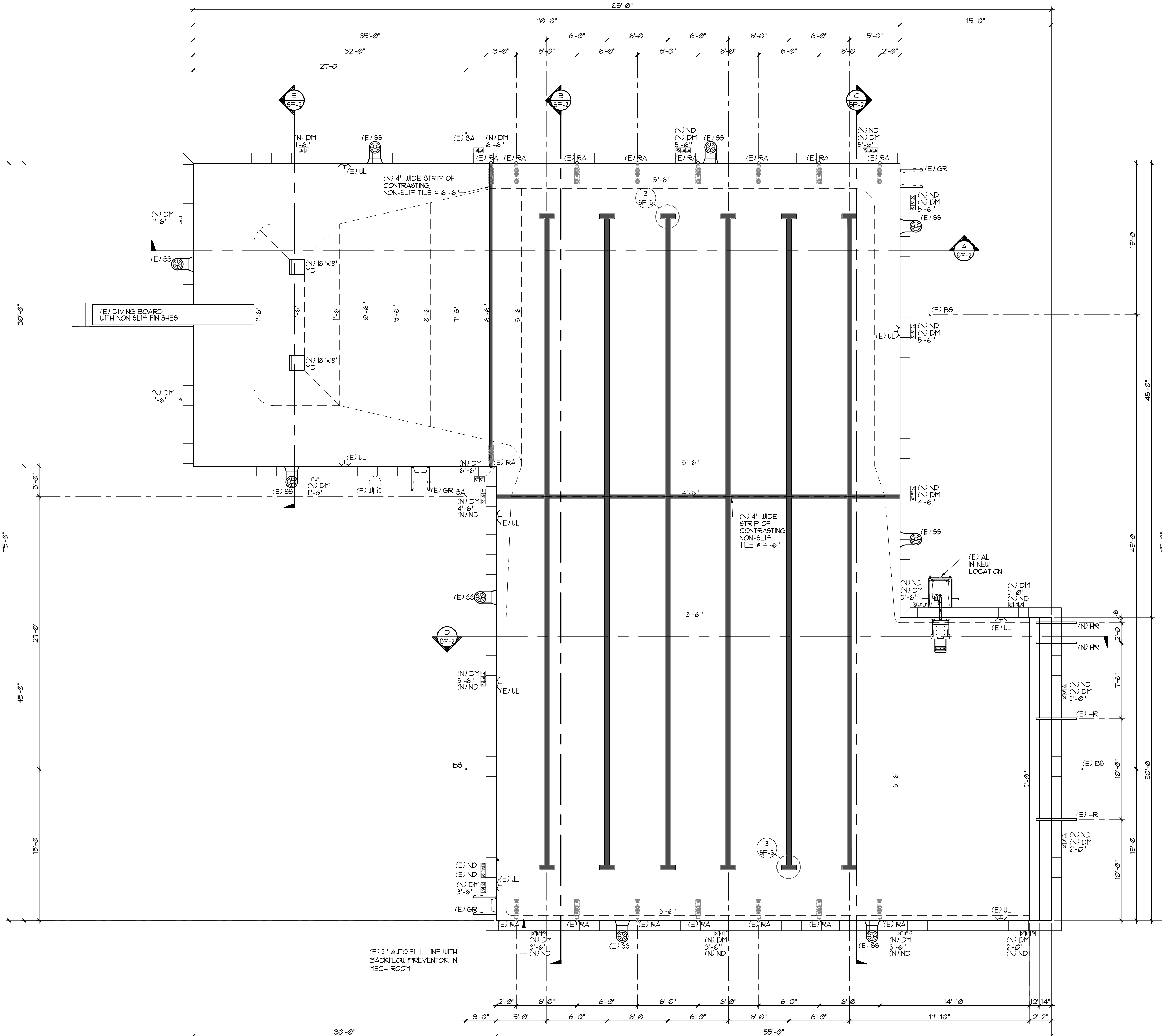
VANESSA GARRETT P.E. CE#4141 DATE _____
CITY ENGINEER

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DRAWN: NMY CHECKED: GSF
DATE: 02/25/2022 SCALE: AS NOTED
PROJECT NUMBER: 2010200

SWIMMING POOL LAYOUT PLAN

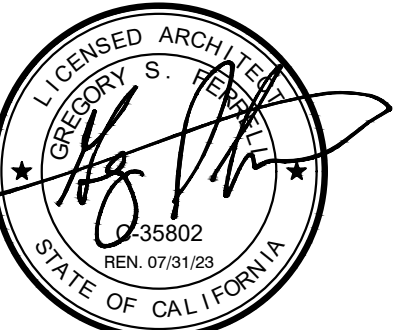
DRAWING NUMBER: **SP-1**



SWIMMING POOL LAYOUT PLAN 1/4"=1'-0"

HONEYBEE POOL RENOVATION

CITY OF ROHNERT PARK
 1170 GOLF COURSE DRIVE
 ROHNERT PARK, CA 94928



CONSULTANT

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 228 Fremont Ave., Colton, CA 92908
 AquaticDesignGroup.com
 760-483-8400

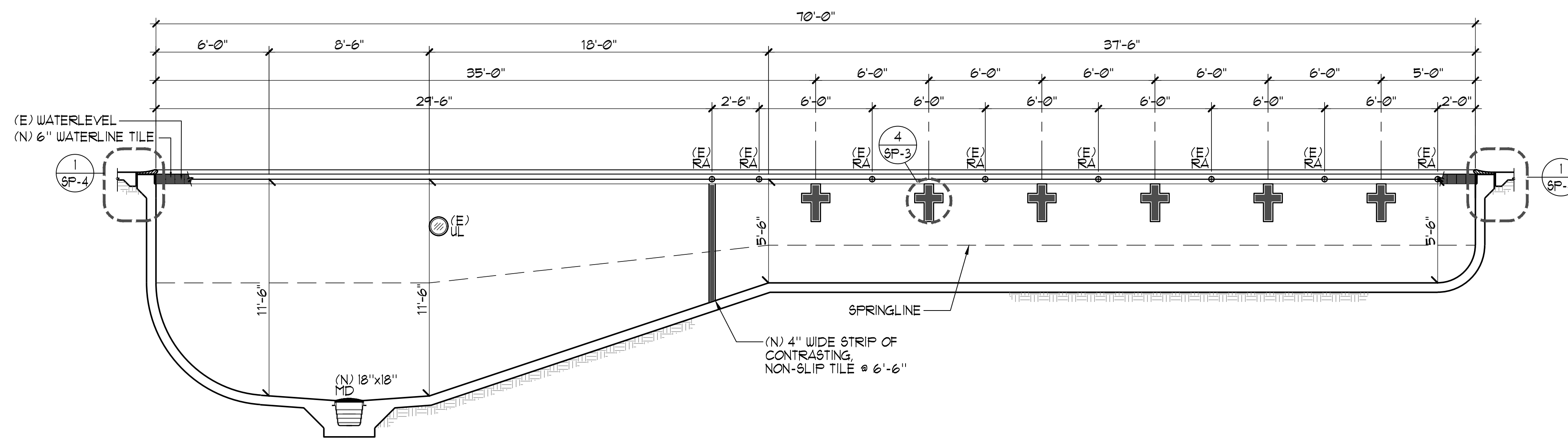
VANESSA GARRETT P.E. CE84141 DATE
 CITY ENGINEER

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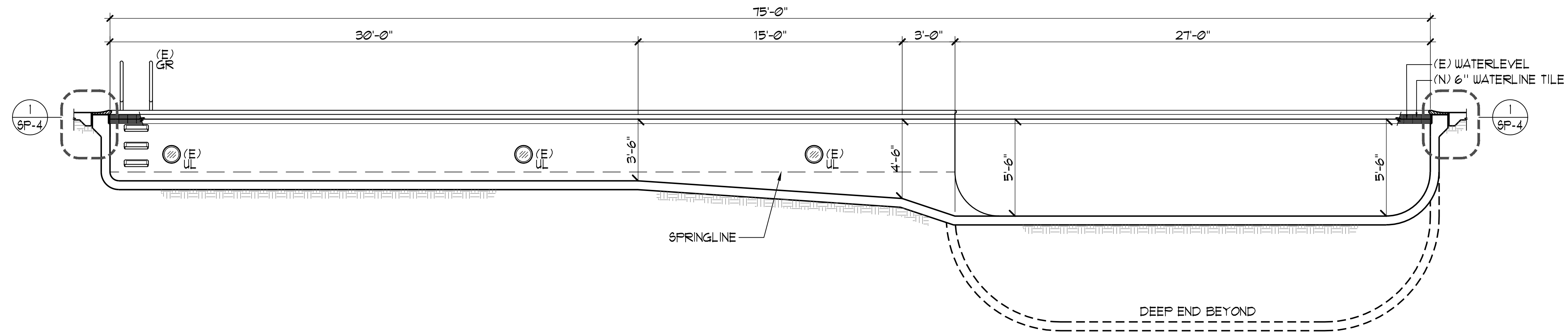
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SWIMMING POOL SECTIONS

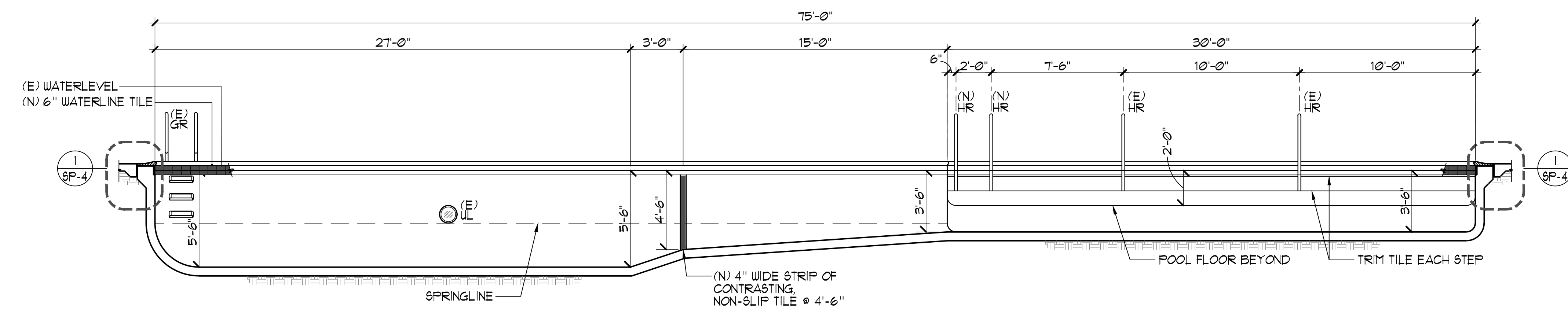
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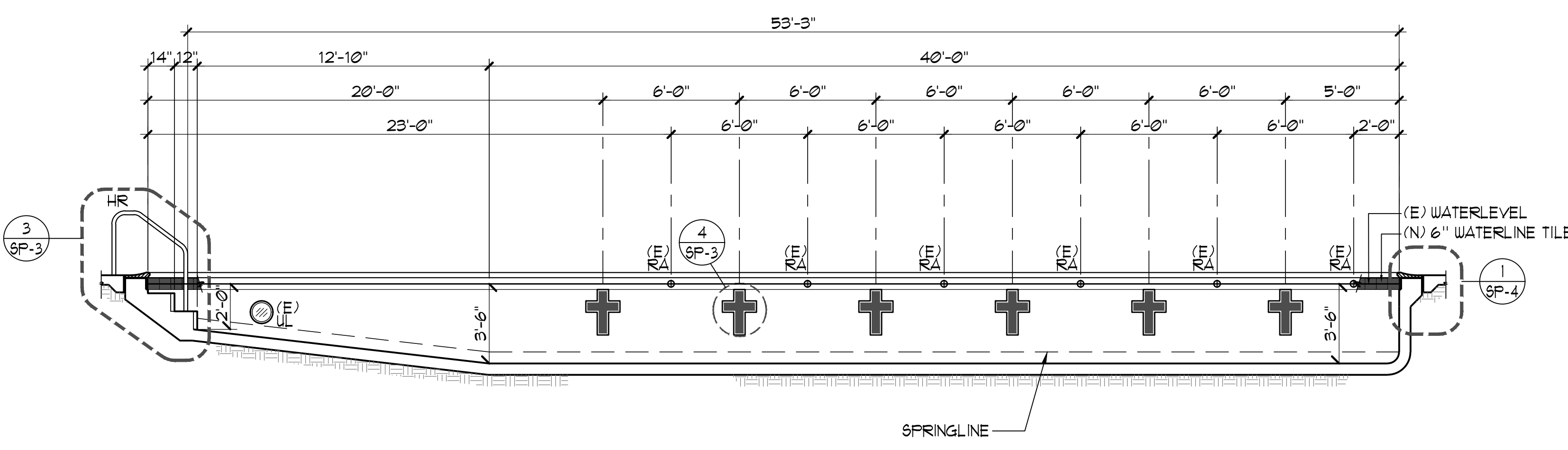
A SWIMMING POOL SECTION 1/4"=1'-0"



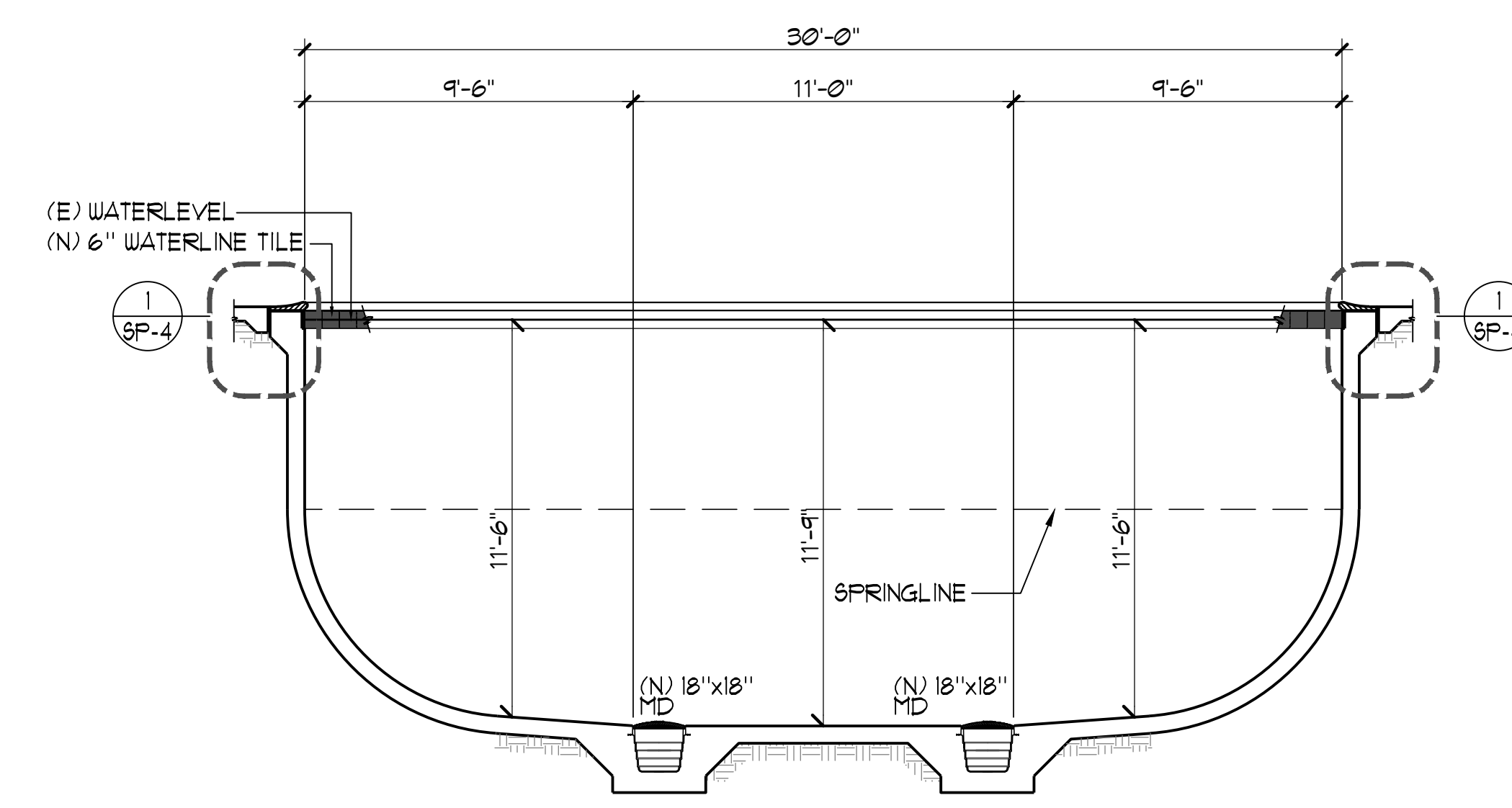
B SWIMMING POOL SECTION 1/4"=1'-0"



C SWIMMING POOL SECTION 1/4"=1'-0"



D SWIMMING POOL SECTION 1/4"=1'-0"



SWIMMING POOL SECTION 1/4"=1'-0"

HONEYBEE POOL RENOVATION

CITY OF ROHNERT PARK
1170 GOLF COURSE DRIVE
ROHNERT PARK, CA 94928



CONSULTANT

228 Farley Ave, Carlsbad, CA 92008
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CITY ENGINEER

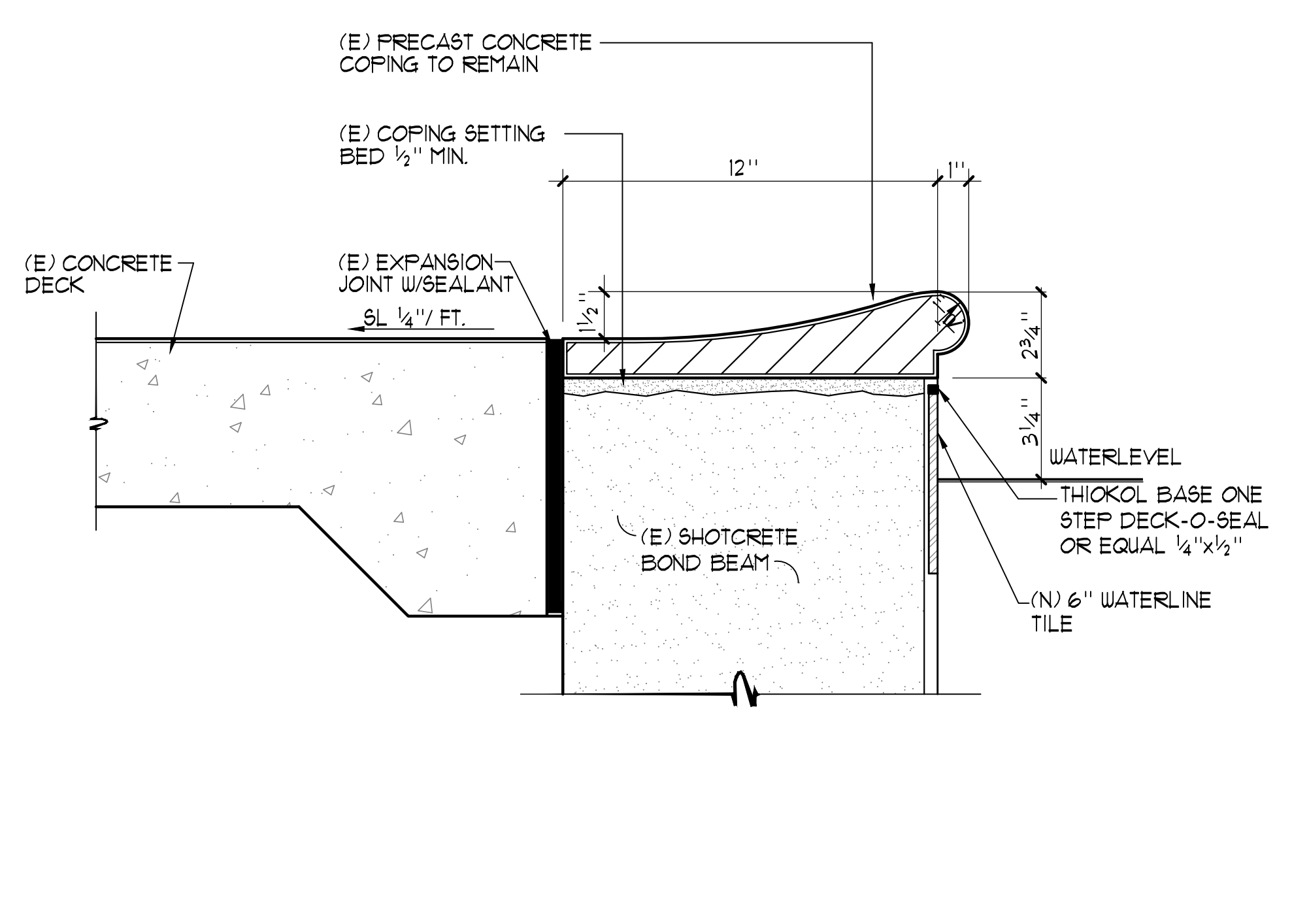
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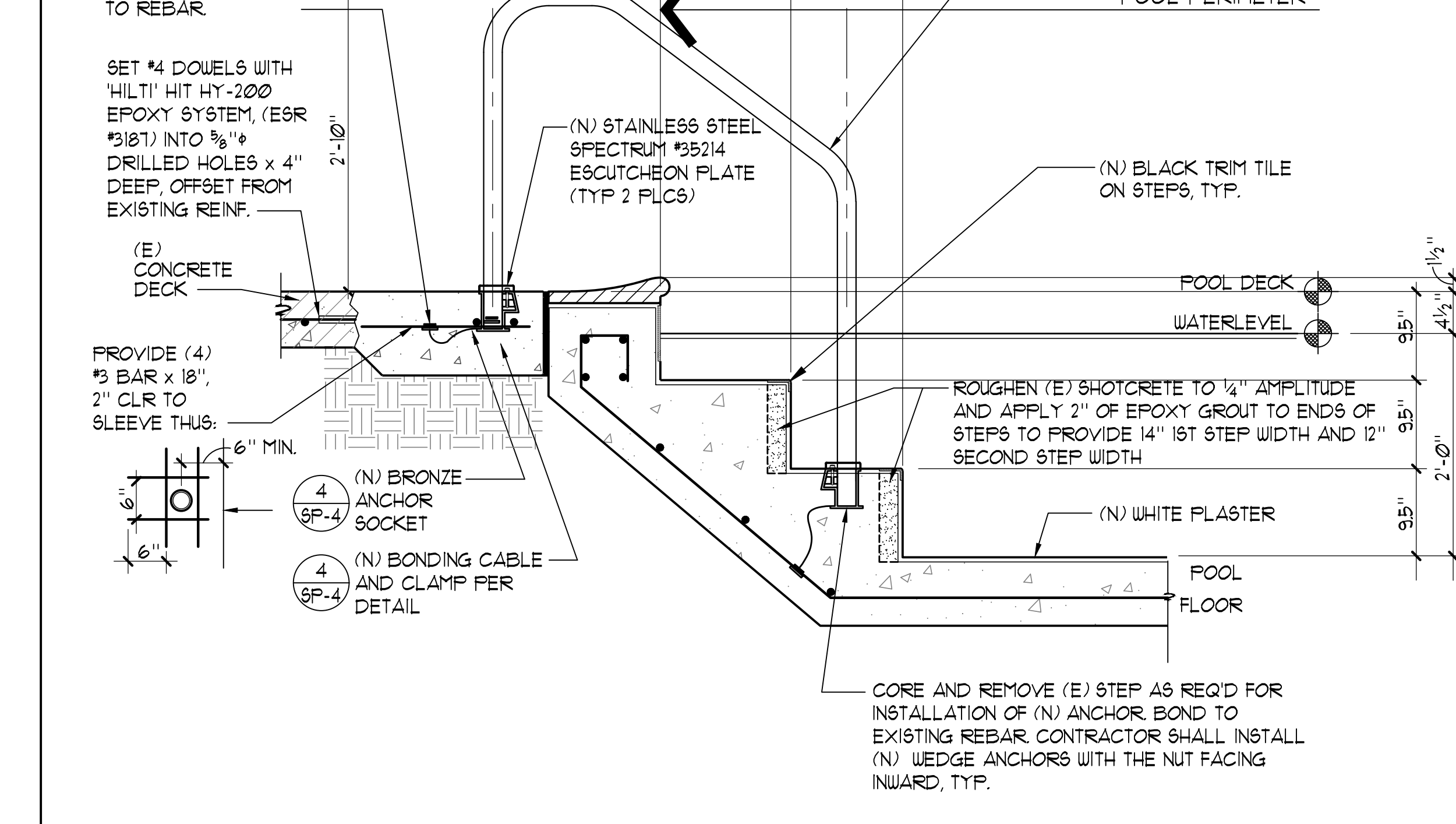
DETAILS

DRAWING NUMBER: **SP-3**

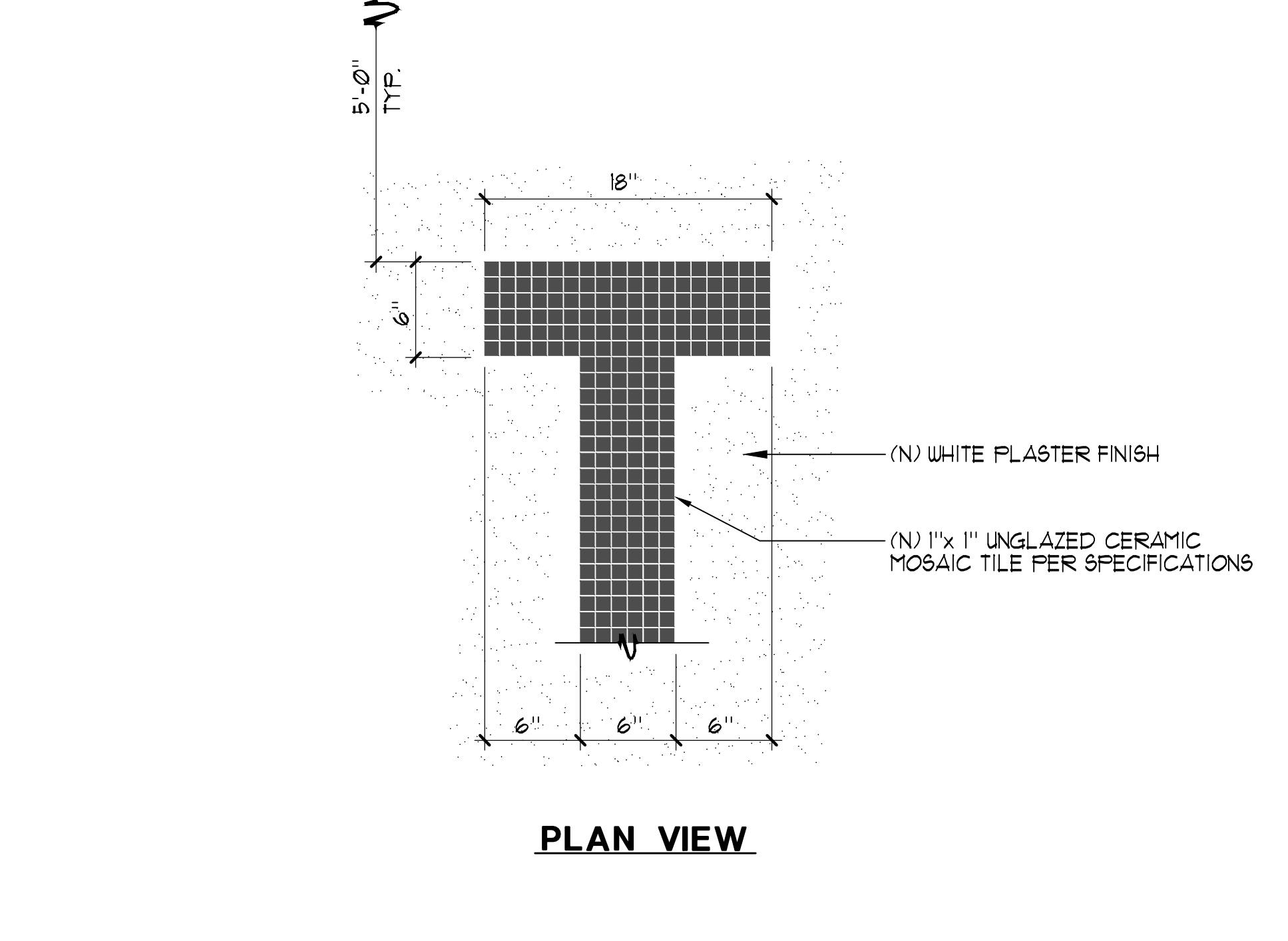
1 TYPICAL COPING EDGE DETAIL 3" = 1'-0"



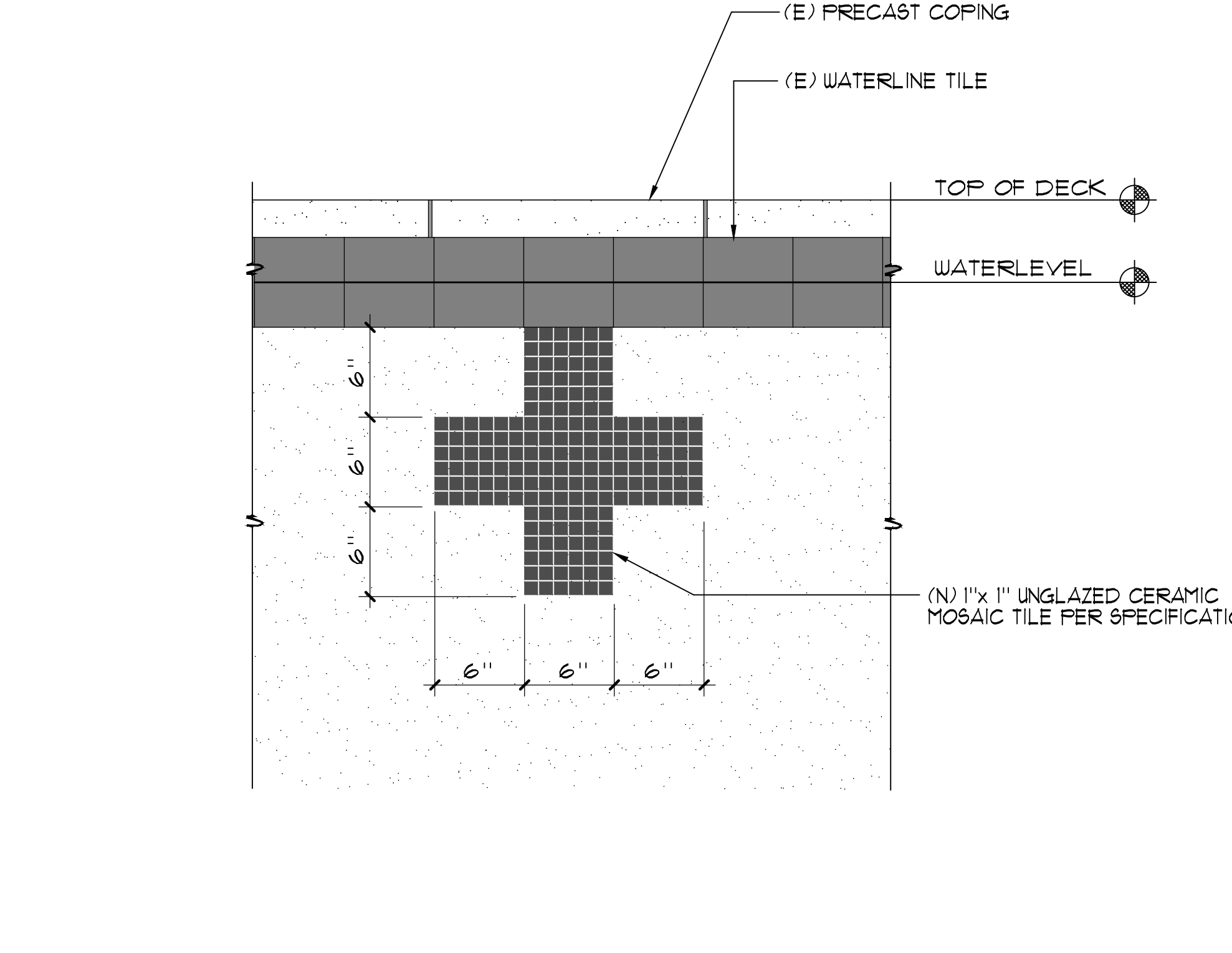
2 HANDRAIL DETAIL 1" = 1'-0"



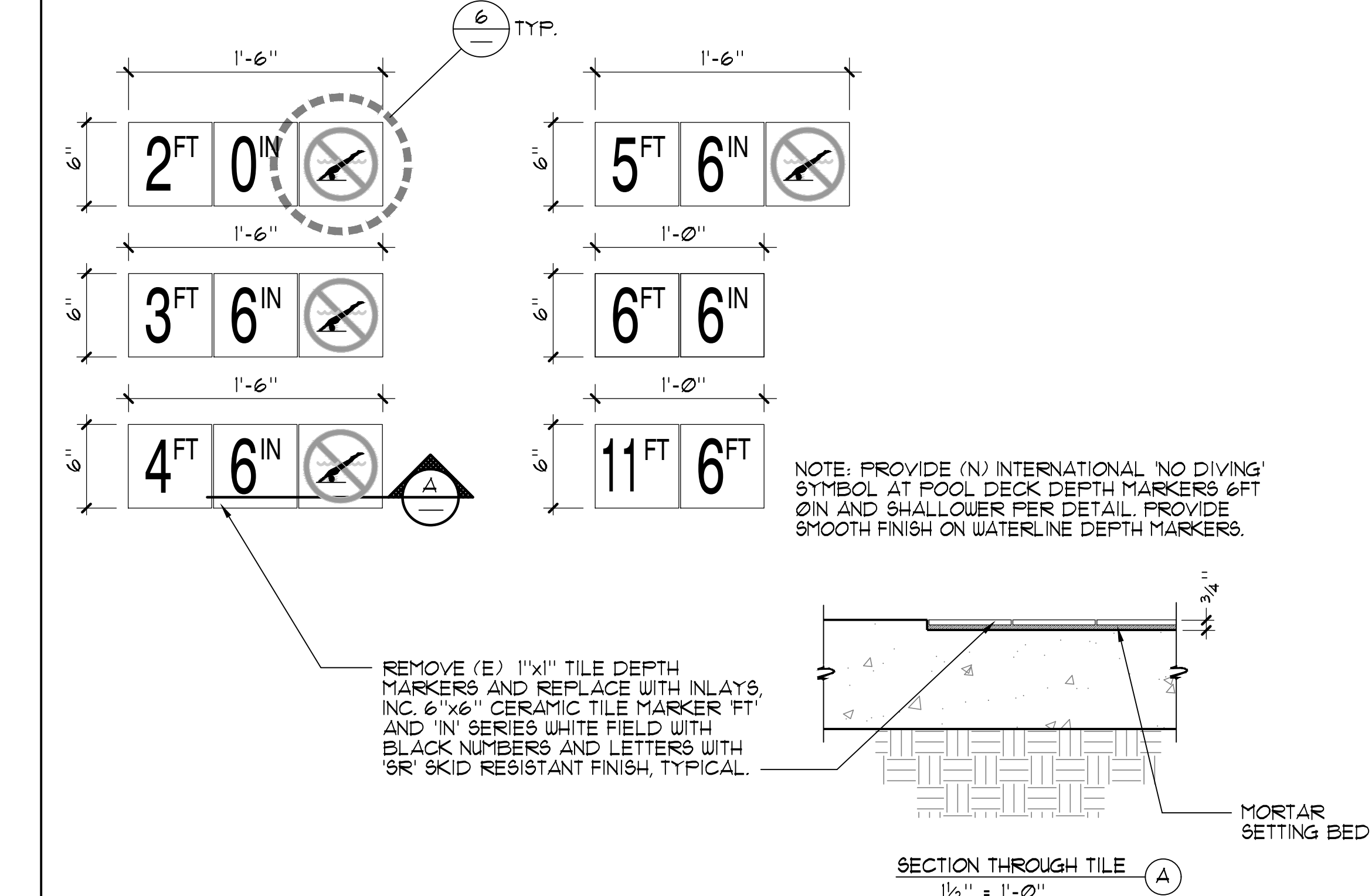
3 RACING LANE LINE 1/2" = 1'-0"



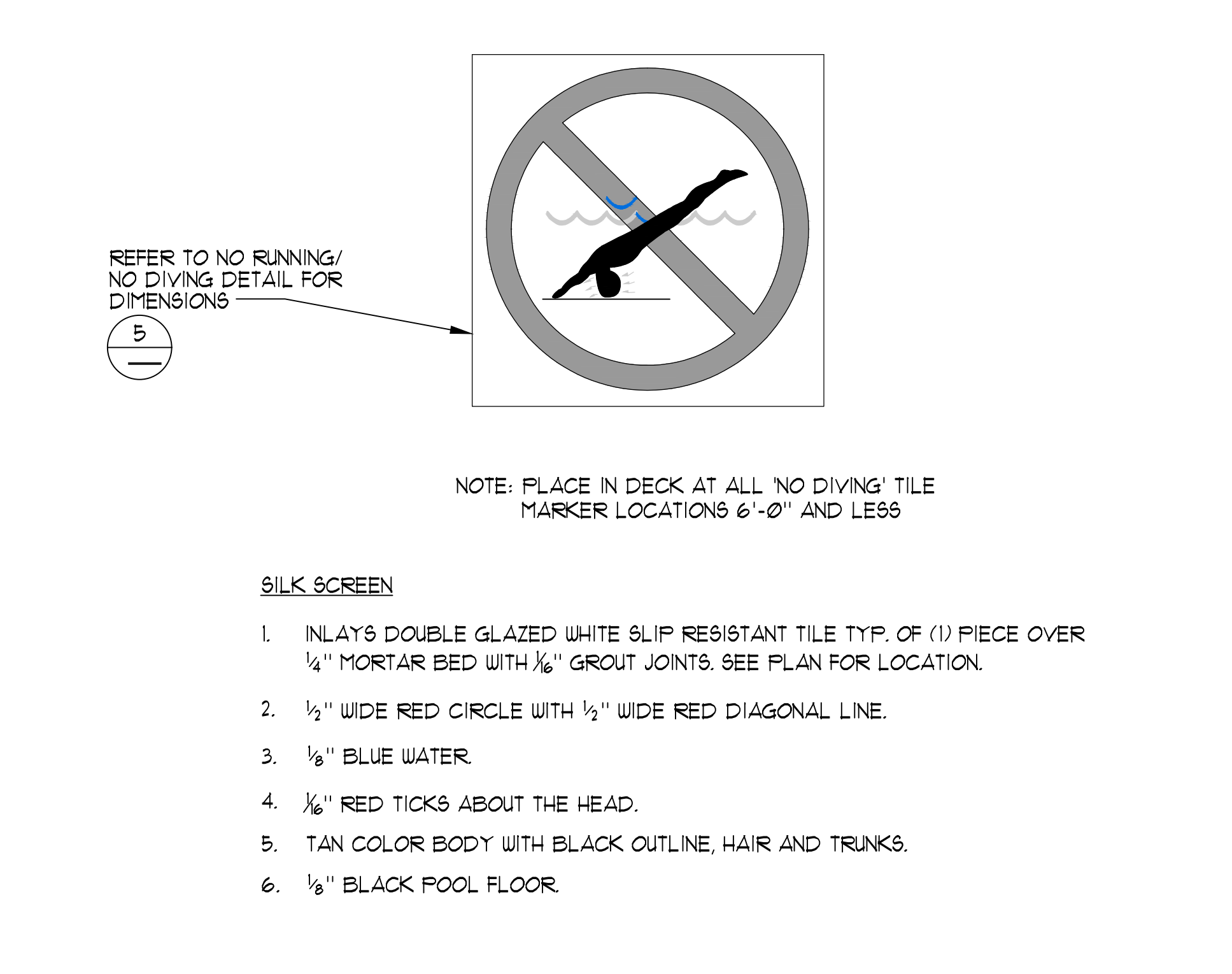
4 END WALL TARGET 1/2" = 1'-0"



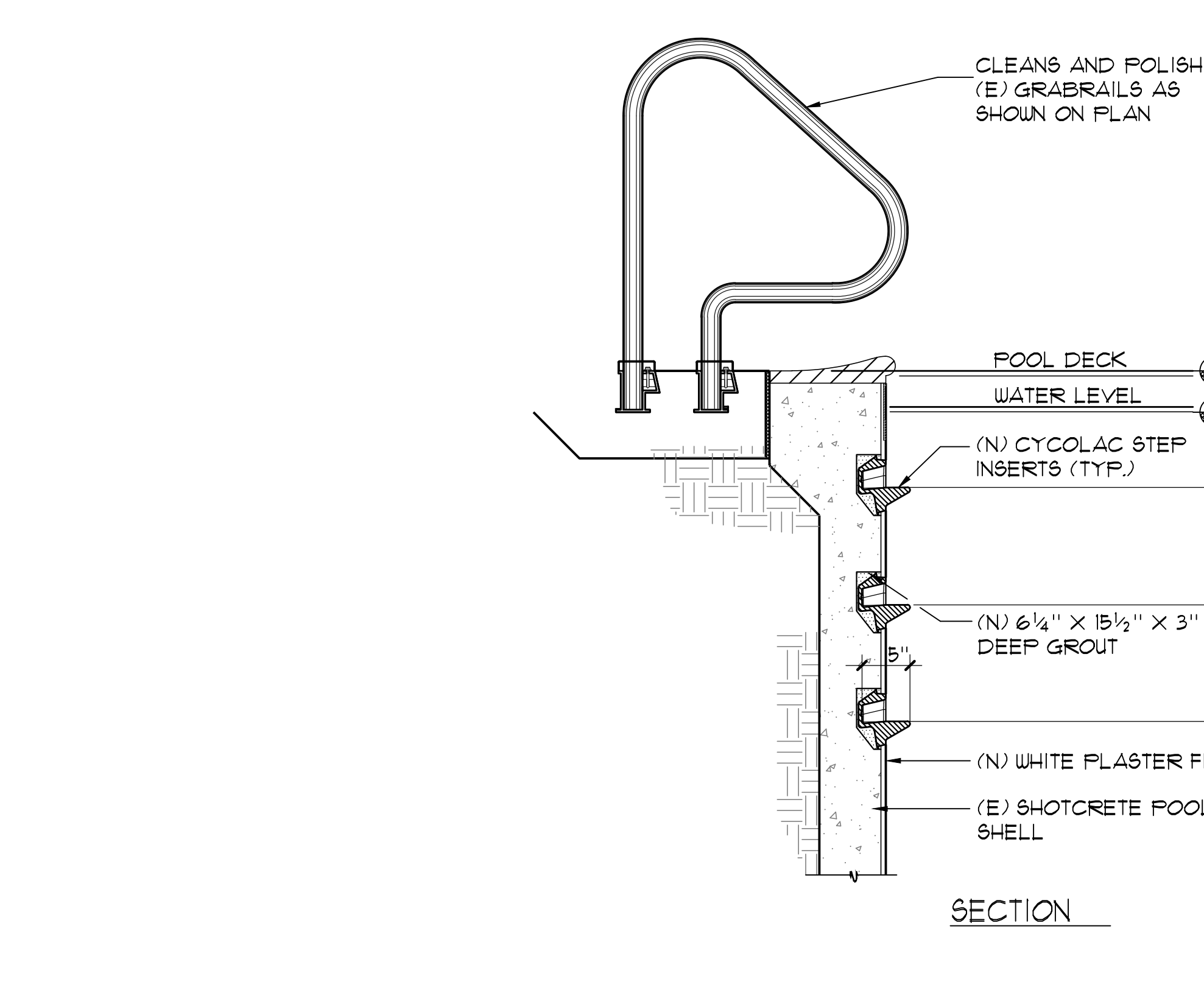
5 DEPTH MARKERS 1/2" = 1'-0"



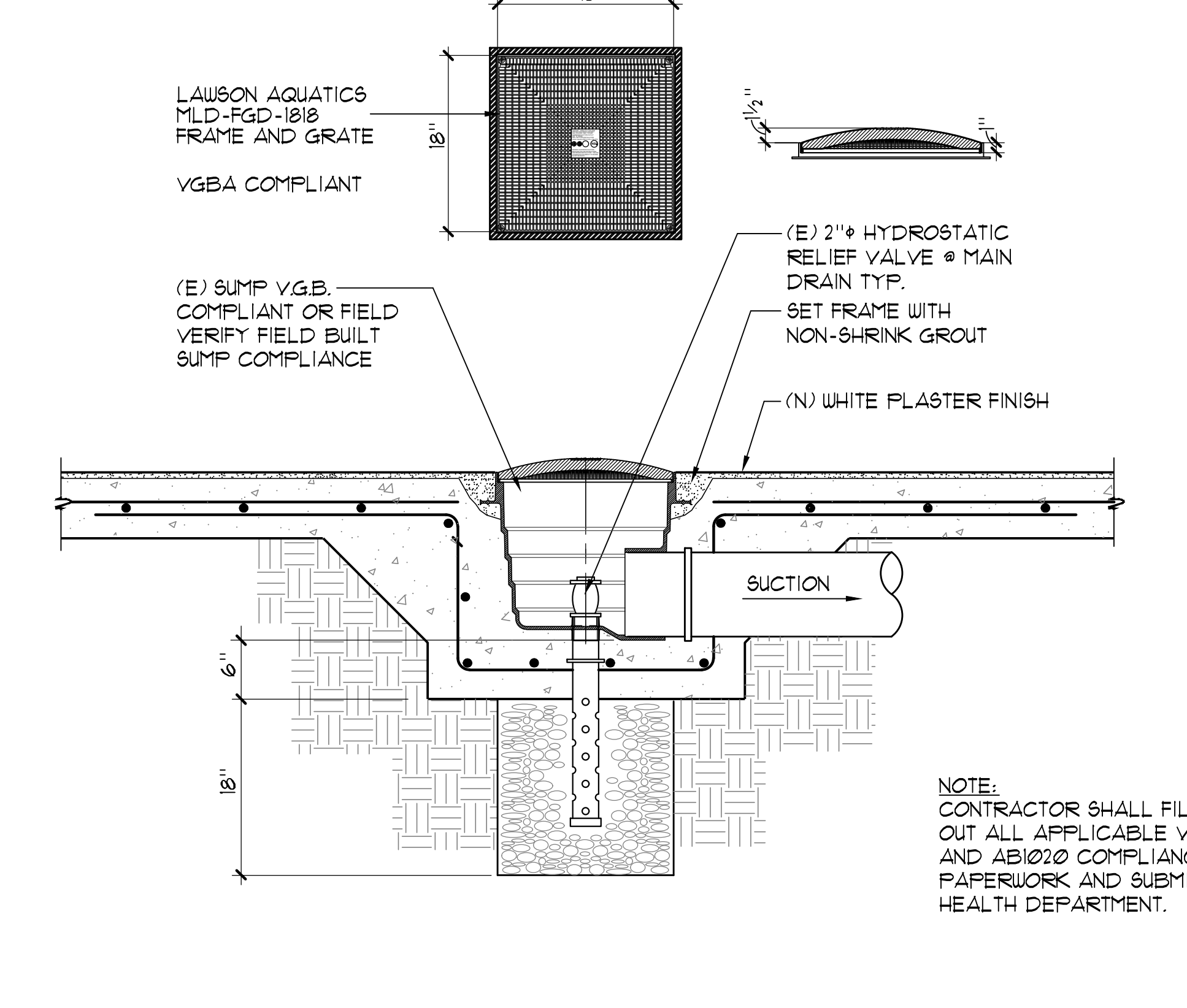
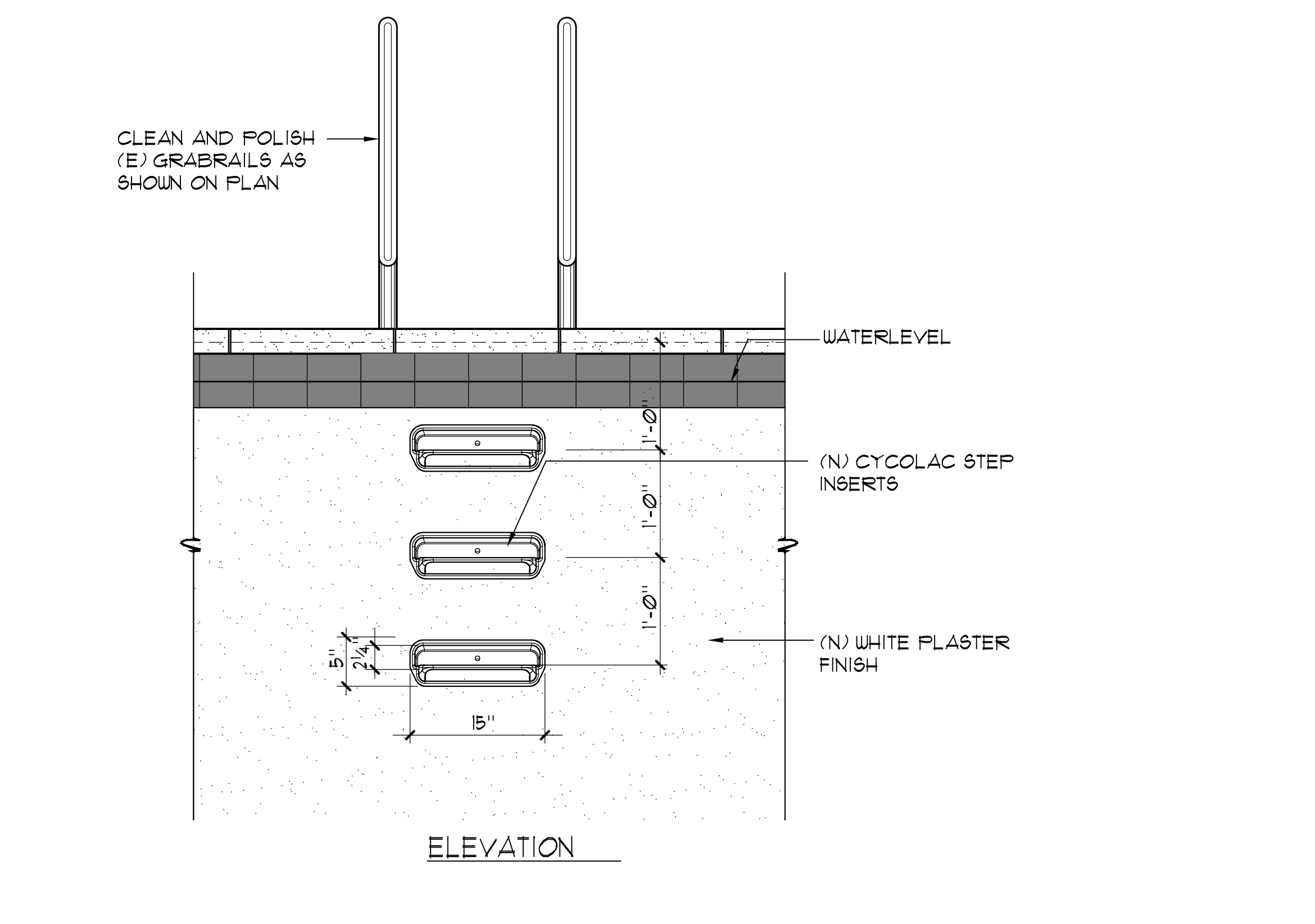
6 INTERNATIONAL NO DIVING MARKER 1/2" = 1"

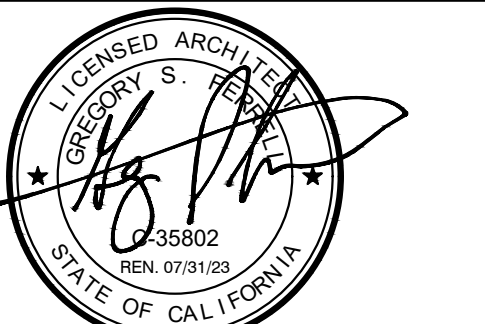


7 GRABRAIL WITH STEPS 1" = 1'-0"

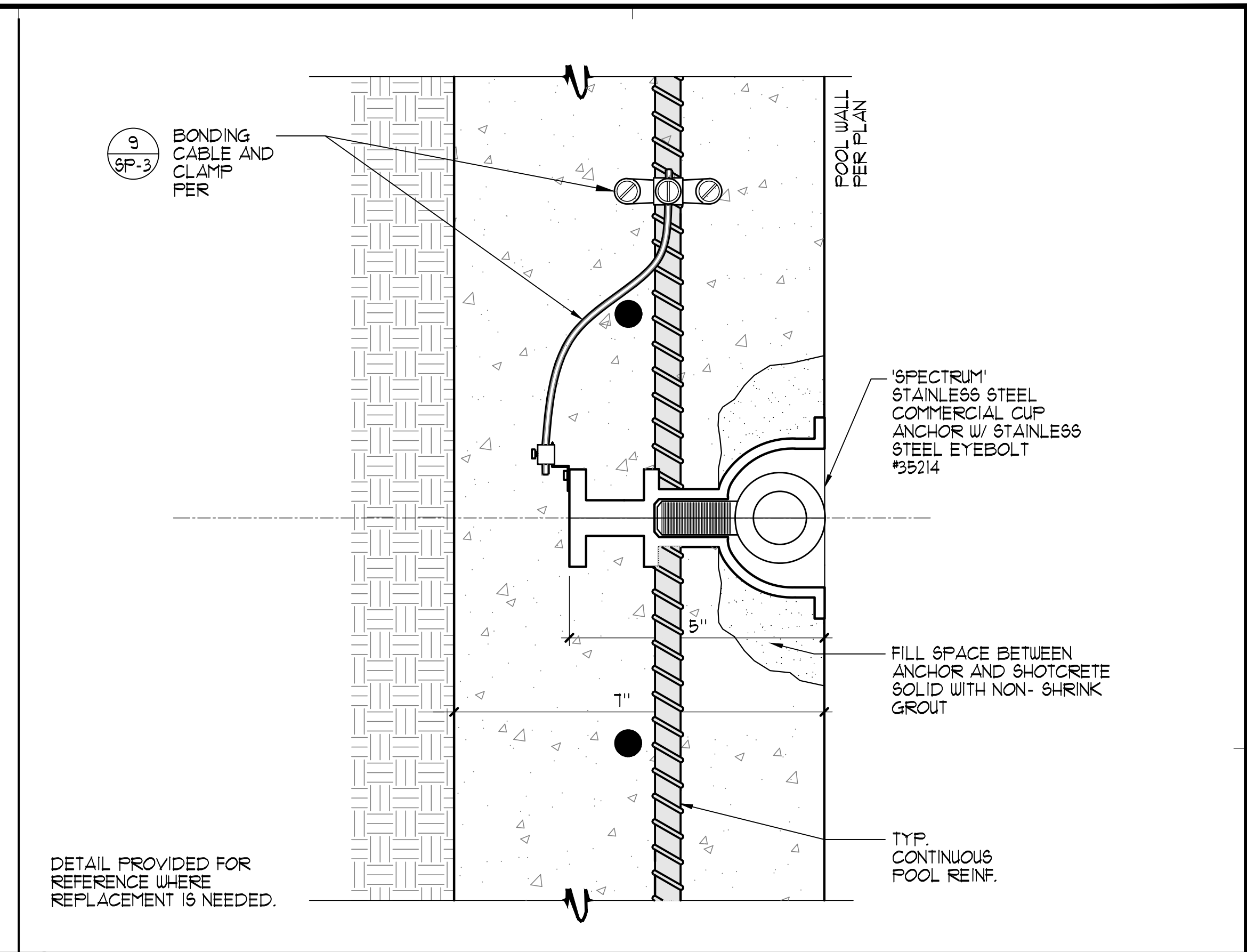


8 MAIN DRAIN 1" = 1'-0"

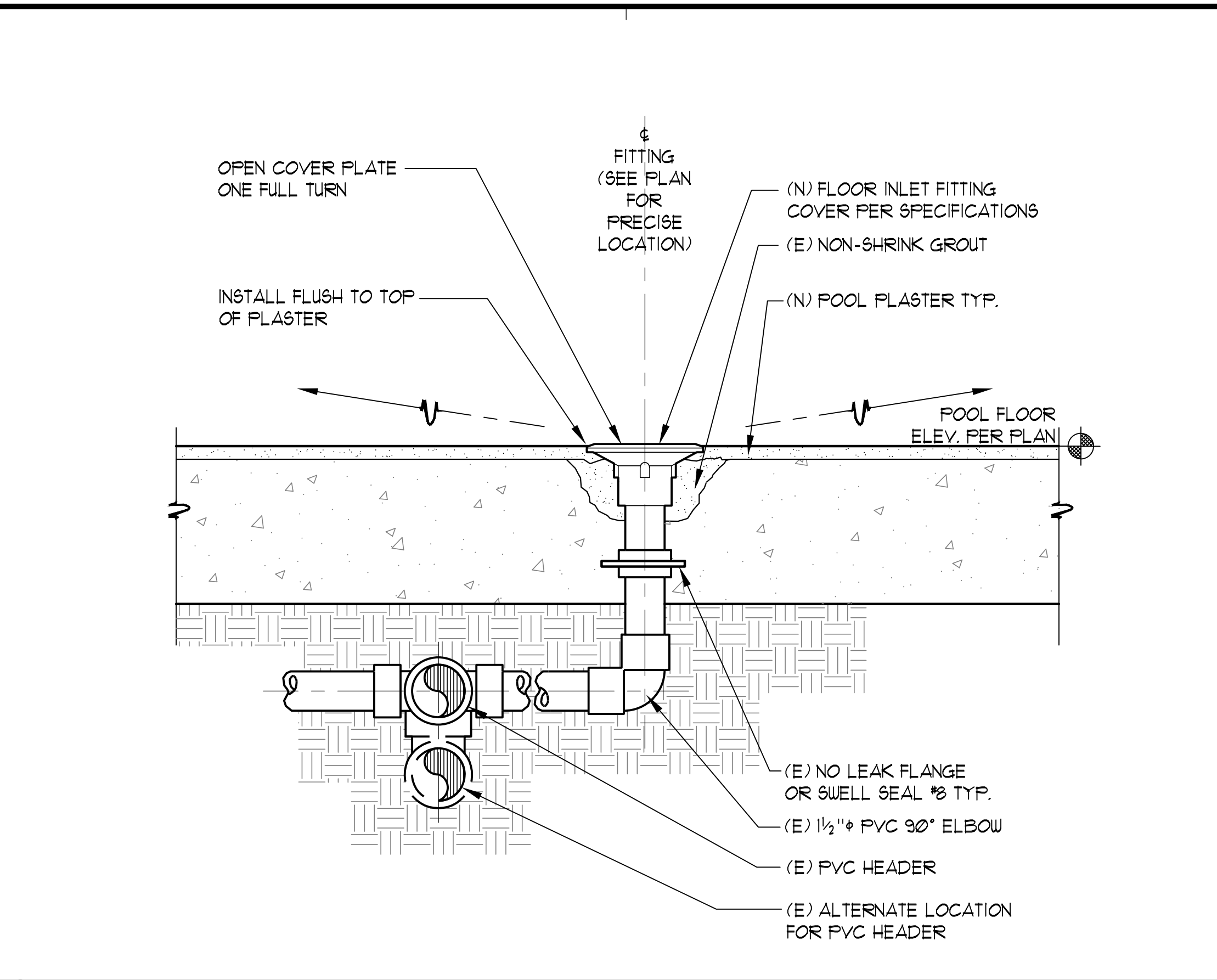




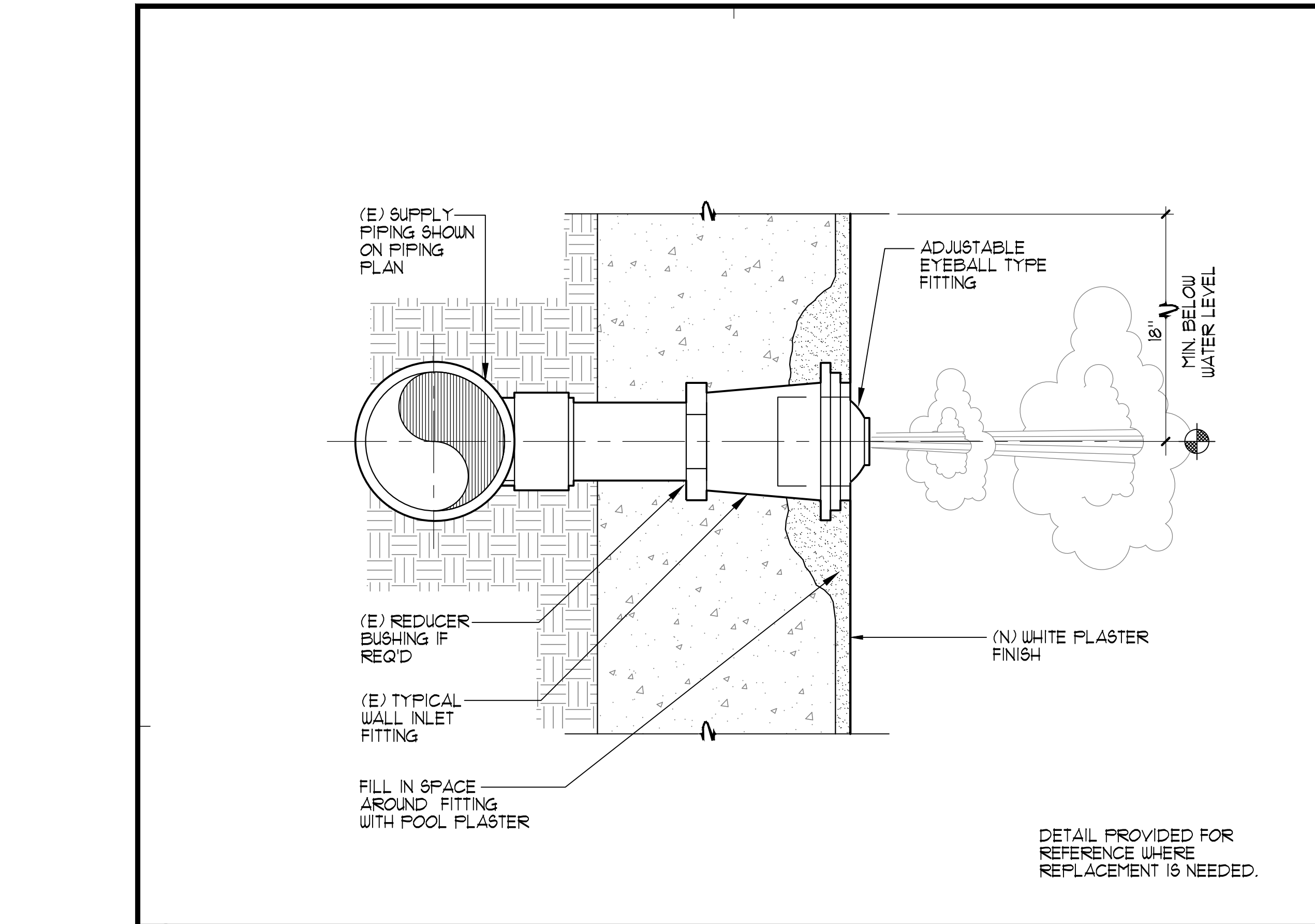
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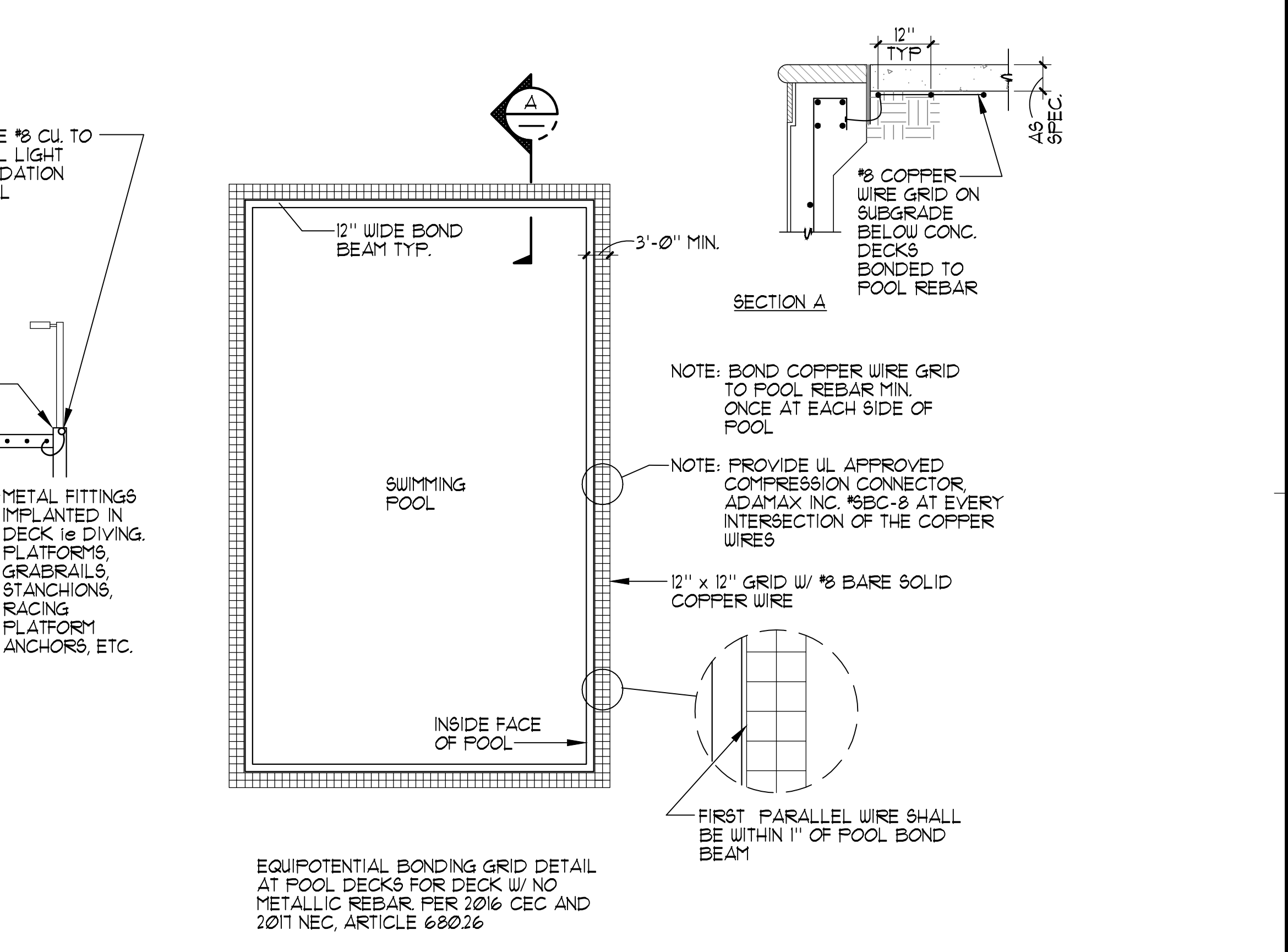
3 CUP ANCHOR 1/2" = 1"



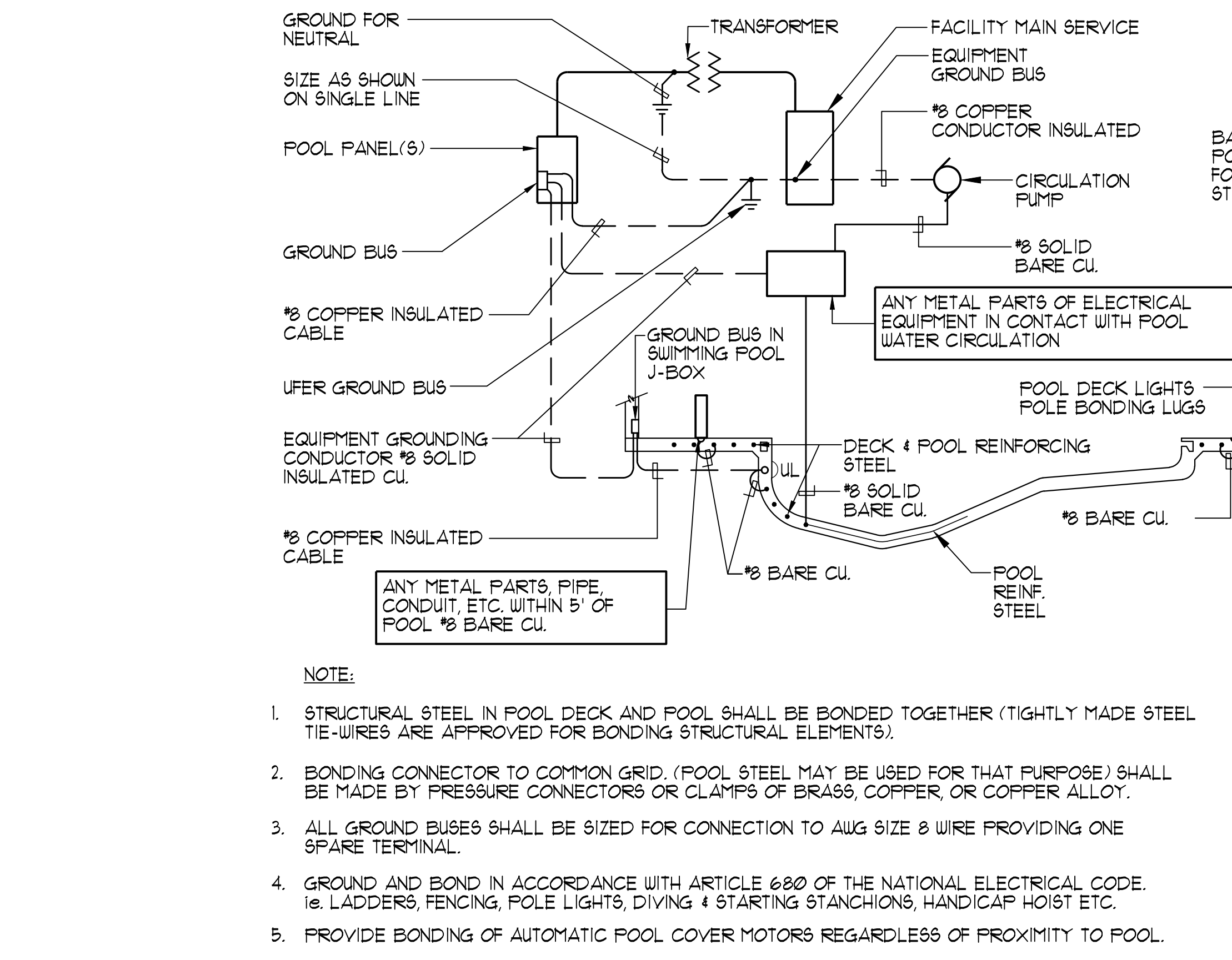
2 FLOOR INLET 3/4" = 1'-0"



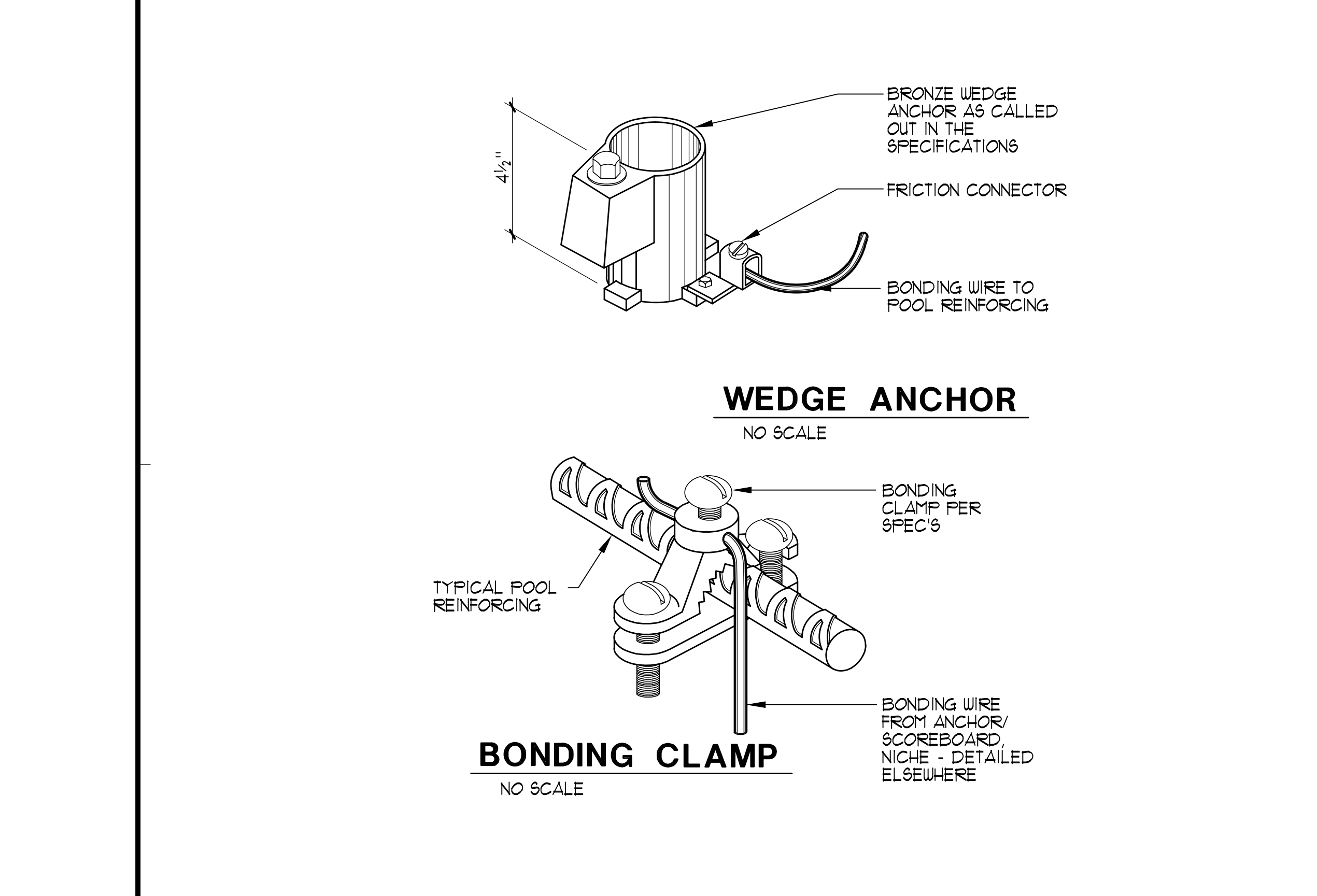
1 WALL INLET NO SCALE



5 TYPICAL POOL BONDING AND GROUND DETAIL NO SCALE



4 BONDING DETAILS AS NOTED



6 POOL SIGNAGE DETAIL 3/4" = 1'-0"

REQUIRED SIGNAGE:

- ALL SIGNS SHALL HAVE CLEARLY LEGIBLE LETTERS OR NUMBERS NOT LESS THAN 4 INCHES HIGH UNLESS OTHERWISE NOTED; AFFIXED TO A WALL, POLE, GATE, OR SIMILAR PERMANENT STRUCTURE IN A LOCATION VISIBLE TO ALL POOL USERS.
 - POOL USER CAPACITY SIGN: A SIGN SHALL INDICATE THE MAXIMUM NUMBER OF POOL USERS PERMITTED FOR EACH POOL.
 - NO DIVING SIGN: SIGNS SHALL BE POSTED IN CONSPICUOUS PLACES AND SHALL STATE "NO DIVING" AT POOLS WITH A MAXIMUM WATER DEPTH OF 6 FEET OR LESS.
 - NO LIFEGUARD SIGN: WHERE NO LIFEGUARD SERVICE IS PROVIDED, A WARNING SIGN SHALL BE POSTED STATING, "NO LIFEGUARD ON DUTY;" THE SIGN ALSO SHALL STATE IN LETTERS AT LEAST 1 INCH HIGH "CHILDREN SHOULD NOT USE POOL WITHOUT ADULT SUPERVISION."
 - ARTIFICIAL RESPIRATION AND CPR SIGN: AN ILLUSTRATED DIAGRAM WITH TEXT AT LEAST 1/4 INCH HIGH OF ARTIFICIAL RESPIRATION AND CPR PROCEDURES SHALL BE POSTED.
 - EMERGENCY SIGN: THE EMERGENCY TELEPHONE NUMBER 911, THE NUMBER OF THE NEAREST EMERGENCY SERVICES AND THE NAME AND STREET ADDRESS OF THE POOL FACILITY SHALL BE POSTED.
- WARNING SIGN FOR A SPA POOL: A WARNING SIGN FOR THE SPA POOLS SHALL BE POSTED STATING "CAUTION" AND SHALL INCLUDE THE FOLLOWING LANGUAGE IN LETTERS AT LEAST 1 INCH HIGH:
 - ELDERLY PERSONS, PREGNANT WOMEN, INFANTS AND THOSE WITH HEALTH CONDITIONS REQUIRING MEDICAL CARE SHOULD CONSULT WITH A PHYSICIAN BEFORE ENTERING THE SPA.
 - CHILDREN SHOULD NOT USE SPA WITHOUT ADULT SUPERVISION.
 - HOT WATER IMMERSION WHILE UNDER THE INFLUENCE OF ALCOHOL, NARCOTICS, DRUGS, OR MEDICINES MAY LEAD TO SERIOUS CONSEQUENCES AND IS NOT RECOMMENDED.
 - DO NOT USE ALONE.
 - LONG EXPOSURE MAY RESULT IN HYPERTHERMIA, NAUSEA, DIZZINESS OR FAINING.
 - EMERGENCY SHUT OFF: IN LETTERS AT LEAST ONE INCH HIGH A SIGN SHALL BE POSTED AT THE SPA EMERGENCY SHUT OFF SWITCH STATING "EMERGENCY SHUT OFF SWITCH."
 - NO USE AFTER DARK: WHERE POOLS WERE CONSTRUCTED FOR WHICH LIGHTING WAS NOT REQUIRED A SIGN SHALL BE POSTED AT EACH POOL ENTRANCE ON THE OUTSIDE OF THE GATE(S) STATING "NO USE OF POOL ALLOWED AFTER DARK."
- KEEP CLOSED: A SIGN SHALL BE POSTED ON THE EXTERIOR SIDE OF GATES AND DOORS LEADING INTO THE POOL ENCLOSURE AREA STATING, "KEEP CLOSED."
- DIARRHEA: A SIGN IN LETTERS AT LEAST 1 INCH HIGH AND IN A LANGUAGE OR DIAGRAM THAT IS CLEARLY STATED SHALL BE POSTED AT THE ENTRANCE AREA OF A PUBLIC POOL WHICH STATES THAT PERSONS HAVING CURRENTLY ACTIVE DIARRHEA OR WHO HAVE HAD ACTIVE DIARRHEA WITHIN THE PREVIOUS 14 DAYS SHALL NOT BE ALLOWED TO ENTER THE POOL WATER.
 - DIRECTION OF FLOW SIGNAGE AND LABELS.
 - THE DIRECTION OF FLOW FOR THE RECIRCULATION EQUIPMENT SHALL BE LABELED CLEARLY WITH DIRECTIONAL SYMBOLS SUCH AS ARROWS ON ALL PIPING IN THE EQUIPMENT AREA.
 - WHERE THE RECIRCULATION EQUIPMENT FOR MORE THAN ONE POOL IS LOCATED ON SITE, THE EQUIPMENT SHALL BE MARKED AS TO WHICH POOL THE SYSTEM SERVES.
 - VALVES AND PLUMBING LINES SHALL BE LABELED CLEARLY WITH THE SOURCE OR DESTINATION DESCRIPTIONS.

SIGNAGE NOTES AND SPECIFICATIONS:

- 1/2" THICK PAINTED ALUMINUM BACKER PANEL.
- SILKSCREENED COPY/GRAPHICS WITH SATIN CLEAR COAT.
- 1/2" THICK PAINTED ALUMINUM FACE PANEL WITH SILKSCREENED COPY/GRAPHICS, ATTACH TO 1/2" THICK PAINTED ALUMINUM BACKER PANEL USING VHB TAPE AND SILICONE ADHESIVE.
- 2" WIDE x 1/2" THICK PAINTED ALUMINUM SIGN FRAME ADHERED TO 1/2" THICK PAINTED ALUMINUM BACKER USING 'LODS' ADHESIVE AS REQUIRED; VERTICAL SECTIONS OF FRAME TO BE RECTANGULAR TUBE, FILL AND SAND SEAM ALONG EDGE AND FACE PRIOR TO PAINTING.

NOTES:

- COORDINATE SIGNAGE PLACEMENT AND COLOR SCHEME WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS OF PROPOSED SIGNAGE AND MOUNTING DETAIL FOR REVIEW.

PLOT DATE: 11/29/2022 1:15 PM



2019 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (July 2021, Includes July 2021 Supplement)

Y = YES APPLICABLE
N/A = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (i.e. ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR, ETC.)

5.303.3.4 Faucets and fountains. 5.303.3.4.1 Nonresidential Lavatory faucets. 5.303.3.4.2 Kitchen faucets. 5.303.3.4.3 Wash fountains. 5.303.3.4.4 Metering faucets. 5.303.3.4.5 Metering faucets for wash fountains. Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction. 5.303.3.4.6 Pre-rinse spray valve. FOR REFERENCE ONLY: The following table and code section have been reprinted from the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) Table H-2, Section 1605.3 (h)(4)(A), and Section 1607 (d)(7), and shall be equipped with an integral automatic shutoff. TABLE H-2 STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY VALVES MANUFACTURED ON OR AFTER JANUARY 28, 2019. 5.303.4 COMMERCIAL KITCHEN EQUIPMENT. 5.303.4.1 Food Waste Disposers. 5.303.5 AREAS OF ADDITION OR ALTERATION. 5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. SECTION 5.304 OUTDOOR WATER USE 5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. 5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWELO. 5.304.6.1 Newly constructed landscapes. 5.304.6.2 Rehabilitated landscapes. DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY SECTION 5.401 GENERAL 5.401.1 SCOPE. SECTION 5.402 DEFINITIONS 5.402.1 DEFINITIONS. ADJUST. BALANCE. BUILDING COMMISSIONING. ORGANIC WASTE. TEST.

SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT 5.407.1 WEATHER PROTECTION. 5.407.2 MOISTURE CONTROL. 5.407.2.1 Sprinklers. 5.407.2.2 Entries and openings. 5.407.2.2.1 Exterior door protection. 5.407.2.2.2 Flashing. SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING 5.408.1 CONSTRUCTION WASTE MANAGEMENT. 5.408.1.1 Construction waste management plan. 5.408.1.2 Waste Management Company. Exceptions to Sections 5.408.1.1 and 5.408.1.2. 5.408.1.3 Waste stream reduction alternative. 5.408.1.4 Documentation. Notes: 5.408.2 UNIVERSAL WASTE. 5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS 5.410.1 RECYCLING BY OCCUPANTS. 5.410.1.1 Additions. 5.410.1.2 Sample ordinance. Note: A sample ordinance for use by local agencies may be found in Appendix A of the document at the CalRecycle's web site.

5.410.2 COMMISSIONING. [N] New buildings 10,000 square feet and over. Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting systems and controls, as well as water intrusion systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements. Commissioning requirements shall include: 1. Owner's or Owner representative's project requirements. 2. Basis of design. 3. Commissioning measures shown in the construction documents. 4. Commissioning plan. 5. Functional performance testing. 6. Documentation and training. 7. Commissioning report. Exceptions: 1. Unconditioned warehouses of any size. 2. Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within unconditioned warehouses. 3. Tenant improvements less than 10,000 square feet as described in Section 303.1.1. 4. Open parking garages of any size, or open parking garage areas, of any size, within a structure. Note: For the purposes of this section, unconditioned shall mean a building, area, or room which does not provide heating and air conditioning. Informational Notes: 5.410.2.1 Owner's or Owner Representative's Project Requirements (OPR). [N] The expectations and requirements of the building appropriate to its phase shall be documented before the design phase of the project begins. 5.410.2.2 Basis of Design (BOD). [N] A written explanation of how the design of the building systems meets the OPR shall be completed at the design phase of the building project. 5.410.2.3 Commissioning plan. [N] Prior to permit issuance a commissioning plan shall be completed to document how the project will be commissioned. 5.410.2.4 Functional performance testing. [N] Functional performance tests shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. 5.410.2.5 Documentation and training. [N] A Systems Manual and Systems Operations Training are required. 5.410.2.5.1 Systems manual. [N] Documentation of the operational aspects of the building shall be completed within the systems manual and delivered to the building owner or representative. 5.410.2.5.2 Systems operations training. [N] A program for training of the appropriate maintenance staff for each equipment type and/or system shall be developed and documented in the commissioning report and shall include the following: 5.410.2.6 Commissioning report. [N] A report of commissioning process activities undertaken through the design and construction phases of the building project shall be completed and provided to the owner or representative. 5.410.4 TESTING AND ADJUSTING. New buildings less than 10,000 square feet. Testing and adjusting of systems shall be required for new buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 303.1. 5.410.4.2 (Reserved) Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting system and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements and Sections 120.5, 120.6, 130.4, and 140.9(b)3 for additional testing requirements of specific systems. 5.410.4.2 Systems. Develop a written plan of procedures for testing and adjusting systems. 5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system. 5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National Environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as approved by the enforcing agency.

5.410.4.4 Reporting. After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services. 5.410.4.5 Operation and maintenance (O & M) manual. Provide the building owner or representative with detailed operating and maintenance instructions and copies of warranties/warranties for each system. 5.410.4.5.1 Inspections and reports. Include a copy of all inspection verifications and reports required by the enforcing agency. DIVISION 5.5 ENVIRONMENTAL QUALITY SECTION 5.501 GENERAL 5.501.1 SCOPE. SECTION 5.502 DEFINITIONS 5.502.1 DEFINITIONS. ARTERIAL HIGHWAY. A general term denoting a highway primarily for through traffic usually on a continuous route. A-WEIGHTED SOUND LEVEL (dBA). The sound pressure level in decibels as measured on a sound level meter using the internationally standardized A-weighting filter or as computed from sound spectral data to which A-weighting adjustments have been made. 1 BTU/HOUR. British thermal units per hour, also referred to as Btu. COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average sound level (Ldn), except that a 5 decibel adjustment is added to the equivalent continuous sound exposure level for evening hours (7pm to 10pm) in addition to the 10 dB nighttime adjustment used in the Ldn. COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. DECIBEL (dB). A measure on a logarithmic scale of the magnitude of a particular quantity (such as sound pressure, sound power, sound intensity) with respect to a reference quantity. ELECTRIC VEHICLE (EV). ELECTRIC VEHICLE CHARGING STATION(S) (EVCS). ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE). ENERGY EQUIVALENT (NOISE) LEVEL (Leq). EXPRESSWAY. FREEWAY. GLOBAL WARMING POTENTIAL (GWP). GLOBAL WARMING POTENTIAL VALUE (GWP VALUE). HIGH-GWP REFRIGERANT. LONG RADIUS ELBOW. LOW-GWP REFRIGERANT. MERV. MAXIMUM INCREMENTAL REACTIVITY (MIR). PRODUCT-WEIGHTED MIR (PwMIR). PSIG. REACTIVE ORGANIC COMPOUND (ROC). SCHRADER ACCESS VALVES. SHORT RADIUS ELBOW. SUPERMARKET. VOC. Note: Where specific regulations are cited from different agencies such as SCAQMD, ARB, etc., the VOC definition included in that specific regulation is the one that prevails for the specific measure in question. SECTION 5.503 FIREPLACES 5.503.1 FIREPLACES. 5.503.1.1 Woodstoves. SECTION 5.504 POLLUTANT CONTROL 5.504.1 TEMPORARY VENTILATION. 5.504.3 Covering of duct openings and protection of mechanical equipment during construction.

