



THEME: KNOWLEDGE IS EMPOWERMENT. ONE OF THE MOST VALUABLE ASSETS WE HAVE IS OUR PEOPLE. WE ARE COMMITTED TO PROVIDING THE BEST EDUCATION FOR ALL OF OUR STUDENTS.

Form F3 - Building Code Analysis. Date: 03/13/2024. SUBMITTAL: [ ] Schematic [ ] Design Development [X] Construction Document. PROJECT DESCRIPTION: The project is a restroom building supporting the existing baseball stadium. It will be a CM at Risk delivery method.

Form F3 - Building Code Analysis. Allowable building area per story in square feet as calculated by Equations 5-1 through 5-3. (Unadjusted equation used) Nc = ... Sc = ... Aa = 8,500 SF

Form F3 - Building Code Analysis. FIRE RESISTANCE RATING OF BUILDING ELEMENTS - NA. DESIGNATED AREAS OF BUILDING: Primary Structural Frame, Bearing Walls, Exterior, Bearing Walls, Interior, Nonbearing Walls and Partitions, Interior.

Form F3 - Building Code Analysis. FLOOD HAZARD INFORMATION AND FLOOD LOADS. FLOOD HAZARD AREA: Blue Flood Elevation (NCVD or FIRM) N/A MSL. Design Flood Elevation (SCPC 1412.3 and ASCE 24) N/A MSL.

Form F3 - Building Code Analysis. INSULATION INFORMATION - NA. Roof: Insulation Continuous R. Walls: Insulation Continuous R. Underlath: R. GLAZING (each type): North %, East %, South %, West %.

SEE G-002

Form F3 - Building Code Analysis. EXISTING BUILDING CODE INFORMATION (SCBC) - NA. DESIGNATED AREAS OF BUILDING: Method of Construction, Change of Occupancy, Original Building Code and Edition.

Form F3 - Building Code Analysis. BUILDING HEIGHT. DESIGNATED AREAS OF BUILDING: Height, Stories.

Form F3 - Building Code Analysis. FIRE RESISTANCE RATING OF BUILDING ELEMENTS - NA. DESIGNATED AREAS OF BUILDING: Nonbearing Walls and Partitions, Interior, Floor Construction and associated secondary members, Roof Construction and associated secondary members, Fire Walls.

Form F3 - Building Code Analysis. STRUCTURAL DESIGN INFORMATION, AREA. OCCUPANCY CATEGORY: LIVE LOAD FOR EACH OCCUPANCY TYPE.

Form F3 - Building Code Analysis. PLUMBING INFORMATION. WATER SYSTEM: Service Line Size, Distribution Design Criteria, Maximum Flow Rate (SCPC Table 604.4).

Form F3 - Building Code Analysis. Change of Occupancy. Historic Building: [ ] Preservation [ ] Rehabilitation [ ] Renovation [ ] Reconstruction.

Form F3 - Building Code Analysis. GENERAL FIRE PROTECTION REQUIREMENTS. DESIGNATED AREAS OF BUILDING: Separations, Fire Barriers, Smoke Barriers, Fire Partitions, Smoke Barriers, Smoke Partitions.

Form F3 - Building Code Analysis. FIRE RESISTANCE RATING OF BUILDING ELEMENTS - NA. DESIGNATED AREAS OF BUILDING: Fire Barriers, Fire Partitions, Smoke Barriers, Smoke Partitions.

Form F3 - Building Code Analysis. SOILS & SITE. SOILS INVESTIGATION REQUIRED? (IBC 1801.2) SOILS CLASSIFICATION: Seismic Site Class (SCBC Section 1413.3.2) C.

Form F3 - Building Code Analysis. MECHANICAL INFORMATION. GENERAL INFORMATION: Building Location, Climate Zone. OUTSIDE AIR: Occupied Minimum Outside Air.

Form F3 - Building Code Analysis. ALLOWABLE BUILDING AREA. DESIGNATED AREAS OF BUILDING: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z.

Form F3 - Building Code Analysis. OTHER FIRE AND LIFE SAFETY FEATURES. DESIGNATED AREAS OF BUILDING: Smoke Control System, Fire Department Connection, Carbon Monoxide Detection, Gas Detection Systems, Emergency Response Radio Coverage, Fire Apparatus Access and Water Line, 2-way Communication Required, Area of Refuge, Fire Separation, Fire-Resistant Penetration, Exterior Area for Assisted Escape, Safe Disposal Area.

Form F3 - Building Code Analysis. FIRE RESISTANCE RATING OF BUILDING ELEMENTS - NA. DESIGNATED AREAS OF BUILDING: Horizontal Assemblies, Shaft Enclosures, Opening & Penetration Listing by Category (fire shutters, doors, etc.), Others (as required by Designer).

Form F3 - Building Code Analysis. STRUCTURAL DESIGN INFORMATION, BUILDING. WIND LOADS: Analysis Procedure (ASCE 7 or SCBC 1409.6). SEISMIC LOADS: Seismic Use Group (ASCE 7 and Seismic Occupancy Category (IBC) Seismic Design Category: SCBC Table 1413.3.5(1) & 1413.3.5(2).

Form F3 - Building Code Analysis. ELECTRICAL INFORMATION. SERVICE TRANSFORMER: [X] By Utility [ ] By District. ELECTRICAL SERVICE INFORMATION: Service Voltage Phase (L2017) PH, 100 Amperes.

DESIGN & CONSTRUCTION RELATED PERMITS & APPROVALS

Table with 5 columns: TYPE OF DEVELOPMENT, SC LAW OR REG., WHERE TO OBTAIN PERMIT/APPROVAL, APPLICABILITY, ADDITIONAL NOTES. Rows include AIR POLLUTANT DISCHARGE, ASBESTOS ABATEMENT, BUILDING CONSTRUCTION, ZONING, COMMUNITY RESIDENTIAL CARE FACILITIES, CONSTRUCTION IN CRITICAL COASTAL AREAS, CONSTRUCTION IN NAVIGABLE WATERS, DAMS AND RESERVOIRS, DEMOLITION OF REAL PROPERTY, DESIGN REVIEW BOARD, DESIGN REVIEW BOARD, ELEVATORS, FIRE DEPARTMENT (LOCAL), FIRE BUILDING AUTOMATIC SPRINKLER SYSTEM AND UNDERGROUND SUPPLY, FLOODPLAINS, CONSTRUCTION IN, FOOD SERVICE INCLUDING CONCESSIONS AND TEMPORARY, HAZARDOUS WASTE MANAGEMENT, STORAGE AND DISPOSAL, HISTORICAL BUILDING REHABILITATION, ROAD ENCROACHMENT, LOCAL ROAD, ROAD ENCROACHMENT, STATE ROAD, SANITARY SEWER, GREASE TRAP, SANITARY SEWER, TREATMENT & DISPOSAL, SEPTIC TANK SYSTEM, STORM WATER DISCHARGE, EROSION AND SEDIMENT CONTROL, SWIMMING AREAS, NATURAL PUBLIC, SWIMMING POOLS, PUBLIC, UNDERGROUND STORAGE TANKS, WASTE DISCHARGE (SEWAGE, INDUSTRIAL WASTE, ETC.), WATER SUPPLY, POTABLE, WATER SUPPLY, FIRE PROTECTION SYSTEM, WELLS, UNDERGROUND INJECTION, VOCATIONAL FACILITIES, ZONING (MUNICIPAL, COUNTY OR DISTRICT).



Lancaster County School District



701-A LADY STREET, COLUMBIA, SOUTH CAROLINA 29201. TEL. 803.765.2418 FAX. 803.765.2419 WWW.LS3P.COM



07.25.2024

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970 Stadium Dr, Lancaster, SC 29720

DISTRICT FIVE PROJECT: 2014-012 LS3P PROJECT: 2201-231926 SHEET NAME: CODE ANALYSIS (FORM F3) ORIG SUBMISSION: 07/25/24 SHEET: G-001 CONSTRUCTION DOCUMENTS

The Designer(s) of Record shall determine the material and/or work on the project requiring Special Inspections. The Special Inspection requirements shall be based on Section 1704 & Section 1705 of the 2018 South Carolina Building Code. Any deviations from the requirements of Section 1704 and/or Section 1705 must be approved by the S.C.R.C. Chapter 16 and ASCE - 7. This information may be shown on initial Structural Sheet of the drawings or on Sheet with other code information. List floor design loads on structural plans.

STATEMENT OF SPECIAL INSPECTIONS table with columns: MATERIAL, TYPE OF INSPECTION, FREQUENCY, SPECIFICATION REFERENCE, INSPECTION BY

Version: April 2021

Form F3 - Building Code Analysis

Table with 5 columns: MATERIAL, TYPE OF INSPECTION, FREQUENCY, SPECIFICATION REFERENCE, INSPECTION BY

Version: April 2021

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Version: April 2021

Form F3 - Building Code Analysis

Table with 5 columns: MATERIAL, TYPE OF INSPECTION, FREQUENCY, SPECIFICATION REFERENCE, INSPECTION BY

Version: April 2021

Table with 2 columns: DATE, DESCRIPTION

THE LINE SHOWN ABOVE IS EXACTLY ONE FOOT LONG AND SHALL BE USED AS A REFERENCE FOR ALL DIMENSIONS.

E

D

C

B

A

7/25/2024, 12:24:58 PM

### SECTION 801 GENERAL

#### 801.1 Scope.

Level 2 alterations as described in Section 603 shall comply with the requirements of this chapter.

**Exception:** Buildings in which the reconfiguration is exclusively the result of compliance with the accessibility requirements of Section 306.7.1 shall be permitted to comply with Chapter 7.

#### 801.2 Alteration Level 1 compliance.

In addition to the requirements of this chapter, all work shall comply with the requirements of Chapter 7.

### AN ACT TO AMEND THE CODE OF LAWS OF SOUTH CAROLINA, 1976, BY ADDING SECTION 59-23-245 SO AS TO REQUIRE MINIMUM NUMBERS OF TOILETS AND LAVATORIES AT MIDDLE SCHOOL STADIUMS AND HIGH SCHOOL STADIUMS BASED ON GENDER AND SEATING CAPACITY, AND TO PROVIDE THESE STANDARDS APPLY NOTWITHSTANDING OTHERWISE APPLICABLE BUILDING CODES AND PLUMBING CODES.

Whereas, South Carolina adopts building codes to maintain reasonable and consistent standards of construction in buildings and other structures in the State in order to protect the public health, safety, and welfare of its citizens; and

Whereas, the South Carolina General Assembly finds current building codes and plumbing codes that specify the minimum number of water closets and lavatories for football stadiums causes an undue financial burden on our public schools, and consequently must be revised. Now, therefore,

Be it enacted by the General Assembly of the State of South Carolina:

**Fixture ratios based on gender and facility capacity established, exempted from other building and plumbing codes**

SECTION 1. Article 2, Chapter 23, Title 59 of the 1976 Code is amended by adding:

"Section 59-23-245. (A) Notwithstanding applicable national, state, or local building codes, plumbing codes, school building regulations, or other provisions of law relating to the minimum numbers of required plumbing fixtures for stadiums in middle schools and high schools based on occupancy and use, the minimum number of:

(1) toilets for male restrooms required for a stadium are:

- (a) one per two hundred for the first fifteen hundred occupancy;
- (b) one per two hundred fifty for the next fifteen hundred occupancy; and
- (c) one per five hundred for the remainder occupancy;

(2) toilets for female restrooms required for a stadium are:

- (a) one per one hundred for the first one thousand five hundred twenty occupancy;
- (b) one per one hundred fifty for the next one thousand five hundred twenty occupancy; and
- (c) one per three hundred for the remainder occupancy;

(3) lavatories for male restrooms required for a stadium are one per three hundred; and

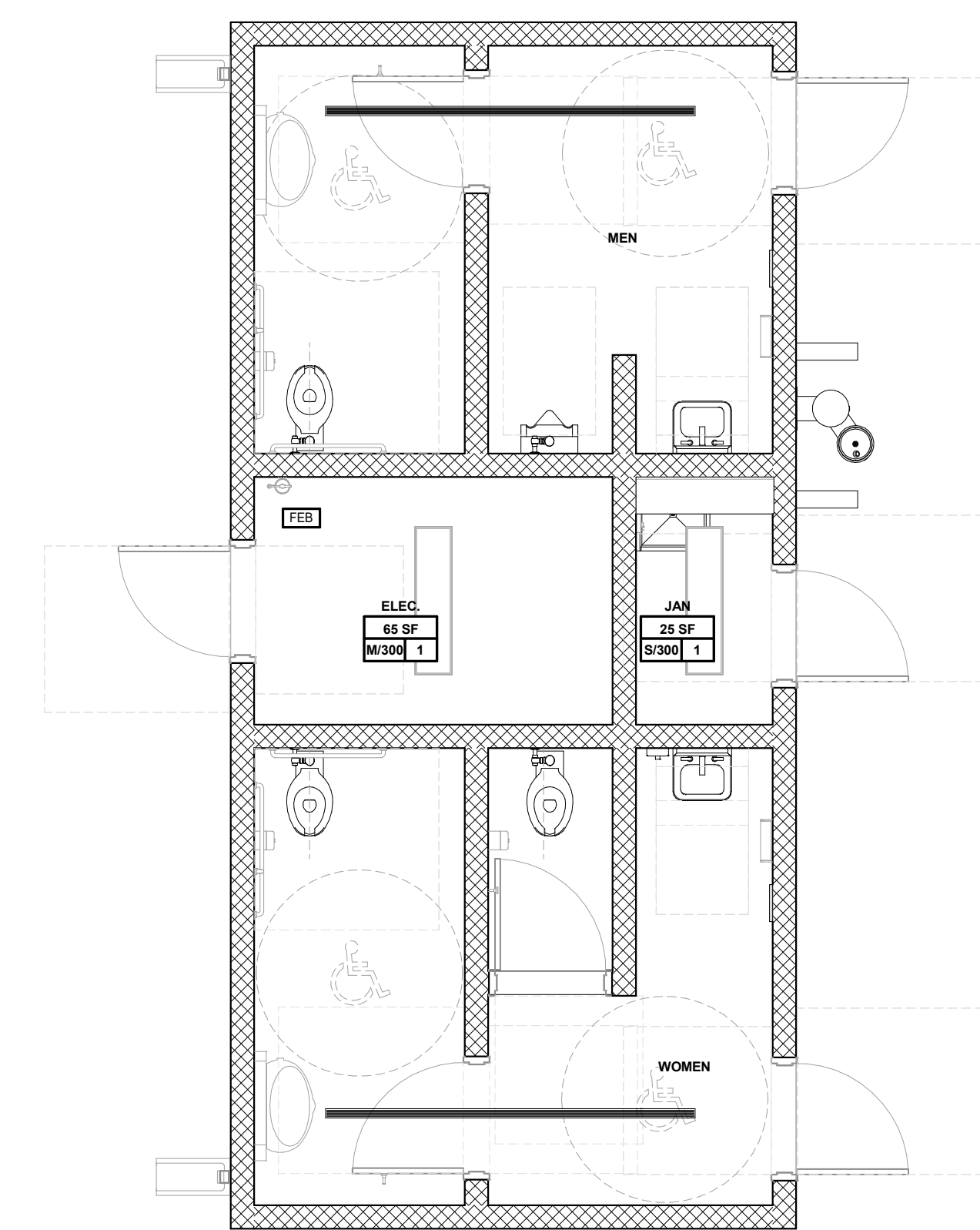
(4) lavatories for female restrooms required for a stadium are one per three hundred.

(B) The provisions of this section apply to all middle school stadiums and high school stadiums built or renovated after the effective date of this act and all middle school stadiums and high school stadiums in existence or in the process of being planned, constructed, or renovated on the effective date of this act. However, a stadium that is being renovated but is not replacing existing seating or adding new seating may not be required to add water closets or lavatories to conform to the provisions of this section or any other applicable building code, plumbing code, school building regulations, or another provision of law. For a stadium that is being renovated to replace existing or add new seating, the plumbing fixtures requirements apply only to the number of new seats being added or replaced.

(C) To determine the occupant load of each sex, the total occupant load must be divided in half. To determine the required number of fixtures, the fixture ratio or ratios for each fixture type must be applied to the occupant load of each sex in accordance with subsection (A). Fractional numbers resulting from applying the fixture ratios must be rounded up to the next whole number. For calculations involving multiple occupancies, such fractional numbers for each occupancy first must be summed and then rounded up to the next whole number. However, the total occupant load must not be required to be divided in half where approved statistical data indicates a distribution of the sexes of other than fifty percent of each sex."

**Time effective**  
SECTION 2. This act takes effect upon approval by the Governor and is applicable to any existing facilities and future facilities.  
Ratified the 4th day of May, 2017.  
Approved the 9th day of May, 2017.

Therefore, the facility has a maximum occupancy of 400 occupants before additional toilets and lavatories are needed.

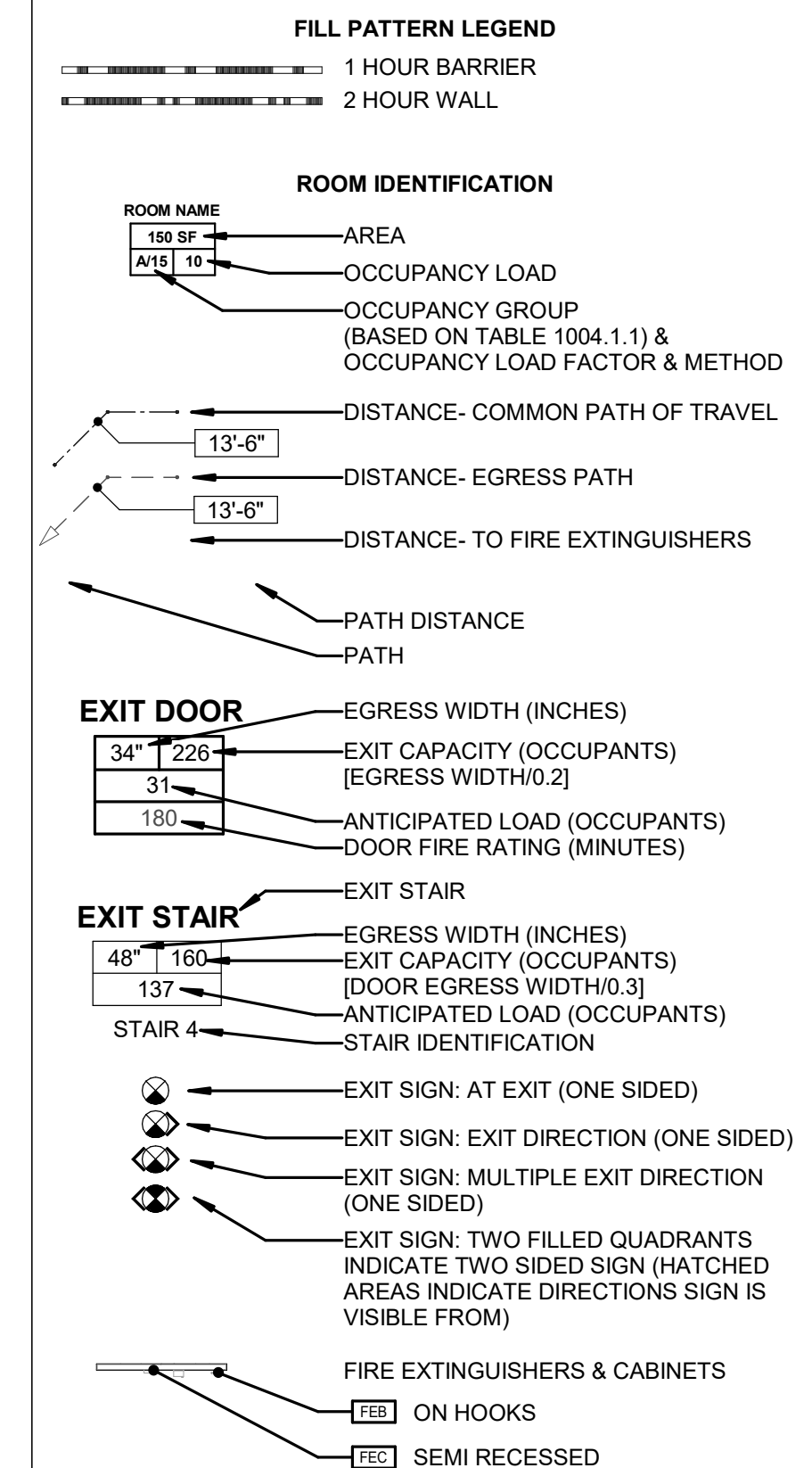


### A1 CODE COMPLIANCE PLAN- LEVEL 1

1/4" = 1'-0"



### LIFE SAFETY LEGEND



07.25.2024  
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DATE	DESCRIPTION

SHEET NAME:  
LIFE SAFETY PLAN

ORIG 07/25/24  
SUBMISSION:

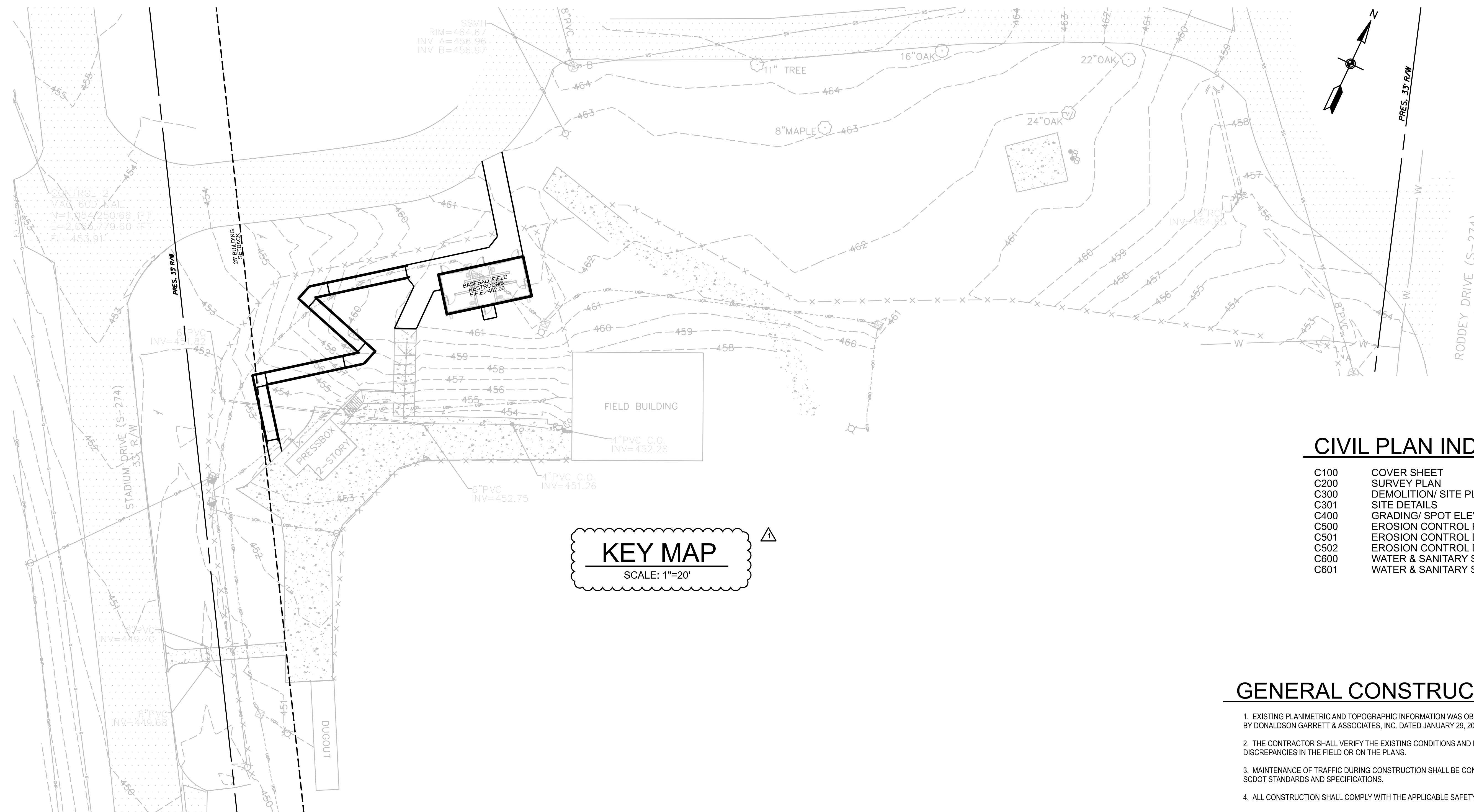
SHEET:  
G-003

# PROJECT: LANCASTER HIGH SCHOOL BASEBALL FIELD RESTROOMS

970 STADIUM DRIVE  
LANCASTER, SOUTH CAROLINA



PROJECT LOCATION MAP  
SCALE: NTS



KEY MAP  
SCALE: 1"=20'

### CIVIL PLAN INDEX

C100	COVER SHEET
C200	SURVEY PLAN
C300	DEMOLITION/ SITE PLAN
C301	SITE DETAILS
C400	GRADING/ SPOT ELEVATION PLAN
C500	EROSION CONTROL PLAN
C501	EROSION CONTROL DETAILS
C502	EROSION CONTROL DETAILS
C600	WATER & SANITARY SEWER SERVICE PLAN
C601	WATER & SANITARY SEWER DETAILS

### GENERAL CONSTRUCTION NOTES

- EXISTING PLANIMETRIC AND TOPOGRAPHIC INFORMATION WAS OBTAINED FROM SURVEY BY DONALDSON GARRETT & ASSOCIATES, INC. DATED JANUARY 29, 2024.
- THE CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES IN THE FIELD OR ON THE PLANS.
- MAINTENANCE OF TRAFFIC DURING CONSTRUCTION SHALL BE CONDUCTED IN ACCORDANCE WITH SCDOT STANDARDS AND SPECIFICATIONS.
- ALL CONSTRUCTION SHALL COMPLY WITH THE APPLICABLE SAFETY STANDARDS AND REQUIREMENTS.
- ALL EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE, AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL CONTACT SOUTH CAROLINA 811 AT WWW.SC811.COM OR CALL 811 - 72 HOURS PRIOR TO DIGGING.
- THE CONTRACTOR SHALL COORDINATE RELOCATION/REMOVAL OF EXISTING UTILITIES WITH THE UTILITY OWNER AS APPLICABLE.
- THE CONTRACTOR SHALL REPAIR ALL EXISTING CONDITIONS DAMAGED BY CONSTRUCTION TO THE ORIGINAL CONDITION.
- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS FOR THE PROJECT AND THE REQUIREMENTS OF CITY OF LANCASTER, SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (SCDEC), AND THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION (SCDOT), WHERE APPLICABLE.
- FOR SCDOT STANDARD DRAWINGS REFERENCED IN THE CONSTRUCTION PLANS SEE THE SCDOT STANDARD DRAWING MANUAL.
- ALL MATERIALS, CONSTRUCTION, AND PLANS ARE TO COMPLY WITH CURRENT CITY OF LANCASTER STANDARD SPECIFICATIONS AND DETAILS.
- THE DESIGN OF ALL EROSION CONTROL AND STORMWATER MANAGEMENT FEATURES FOR WATER QUALITY AND WATER QUANTITY AND OTHER BMPs, STORM DRAIN PIPING AND MANHOLES, CULVERTS, DITCHES, SWALES AND OTHER CHANNELS, ALL OUTFALLS TO THEIR RECEIVING WATERS, IN ADDITION TO ALL ROAD INFRASTRUCTURE, SANITARY SEWER AND WATER UTILITIES, AS PRESENTED HEREIN, HAS BEEN COMPLETED FROM FIELD SURVEY INFORMATION PREPARED BY A LICENSED SOUTH CAROLINA PROFESSIONAL LAND SURVEYOR.

### DETAIL REFERENCE SYMBOL

0	DETAIL NUMBER
C000	SHEET NUMBER OF DETAIL LOCATION

### OWNER

LANCASTER COUNTY SCHOOL DISTRICT  
300 S. CATAWBA STREET  
LANCASTER, SC 29720  
P: (803) 416-8806  
WWW.LANCASTERCSD.COM

### CIVIL ENGINEER

CAMPCO ENGINEERING, INC  
156 OAKLAND AVENUE, SUITE 100  
ROCK HILL, SC 29730  
P: (803) 327-7121  
WWW.CAMPCOENGINEERING.COM

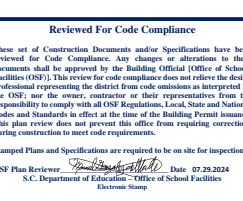


**Campo Engineering, Inc.**  
Consulting Engineers since 1974

156 OAKLAND AVENUE, ROCK HILL, SC 29730  
(803) 327-7121 WWW.CAMPCOENGINEERING.COM

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2. MATERIALS, DIMENSIONS, AND ALL OTHER CONDITIONS WHICH ARE NOT OTHERWISE DEFINED ON THIS DRAWING SHALL BE CONSTRUED AS HAVING THE SAME MEANING AS SIMILARLY INDICATED CONDITIONS WHICH ARE MORE FULLY DEFINED ELSEWHERE ON THIS PROJECT OR OTHER DRAWINGS ON THIS PROJECT.

LANCASTER  
HIGH SCHOOL  
BASEBALL  
FIELD  
RESTROOMS



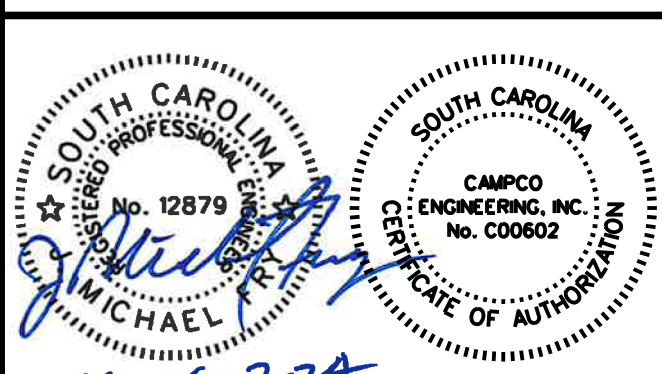
970 STADIUM DR  
LANCASTER, SC 29720



REVISIONS	
NO.	DATE
1	06-06-24

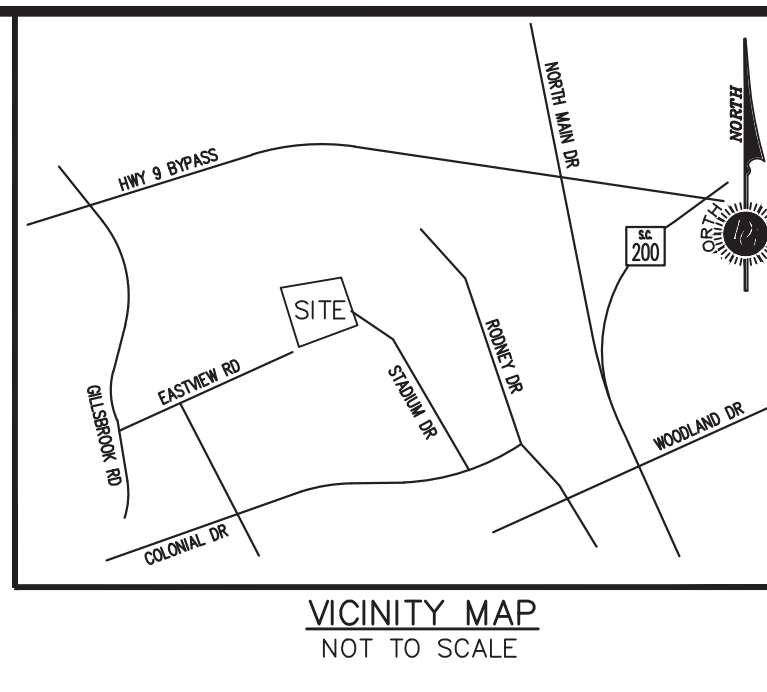
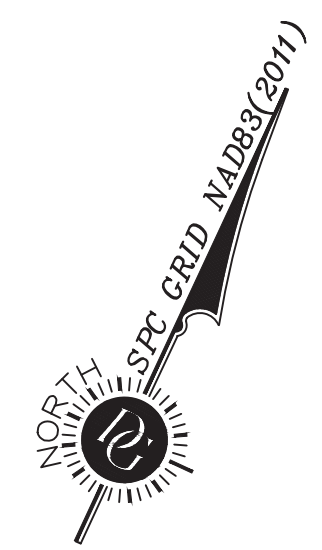
NO.	DATE	DESCRIPTION
1	06-06-24	OSF REVIEW COMMENTS

COVER SHEET

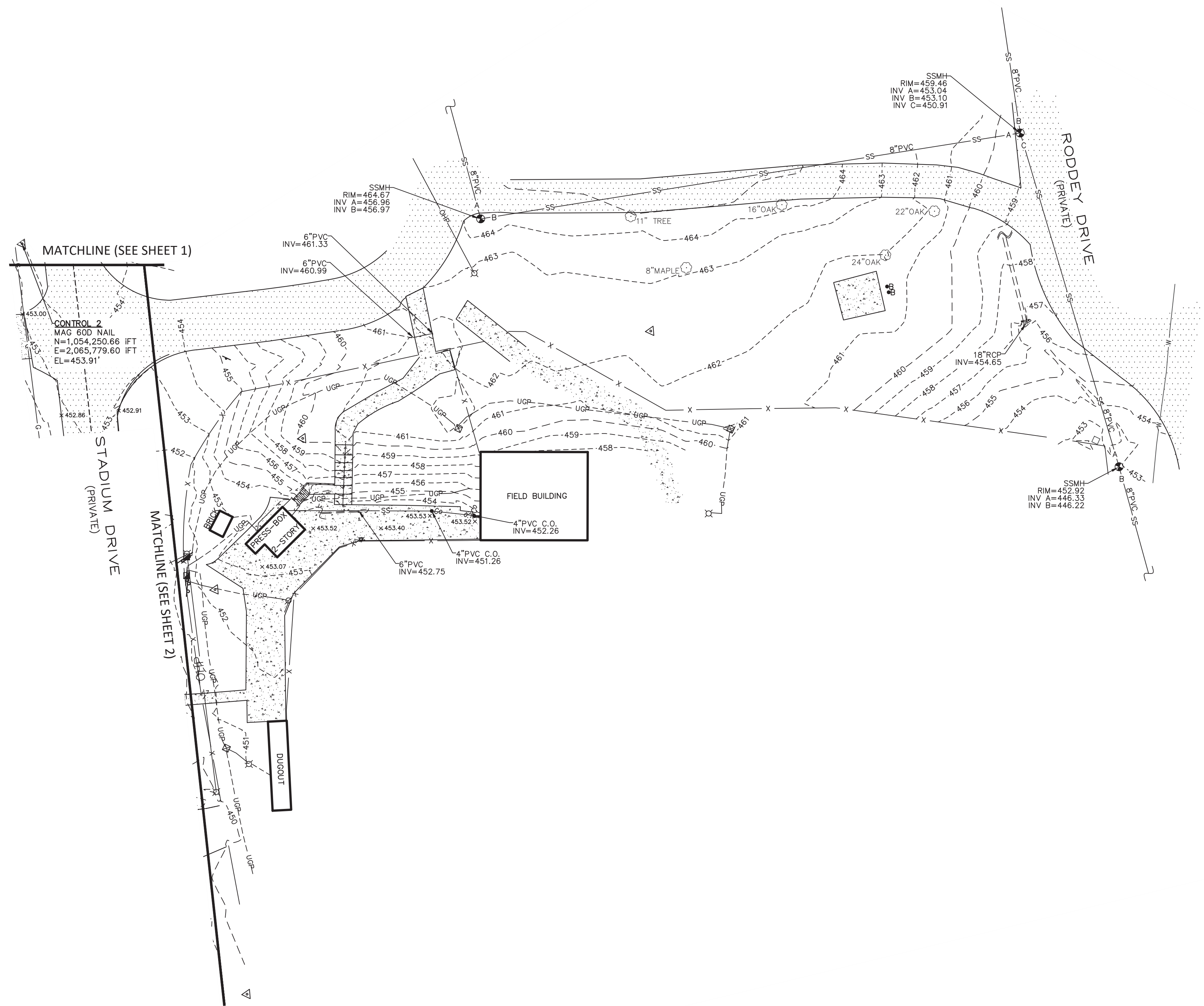


CE: 9899	ISSUED: 06-06-24
SCALE: NA	CAD FILE: 9899CVC100

C100



VICINITY MAP  
NOT TO SCALE



**LEGEND**

WOODS LINE	
FENCE LINE	
EXISTING CONTOUR LINE	
OVERHEAD POWER LINE	
OVERHEAD POWER & TELEPHONE	
UNDERGROUND POWER LINE	
UNDERGROUND TELEPHONE LINE	
SANITARY SEWER LINE	
STORM SEWER LINE	
UTILITY POLE/GUY WIRE	
LIGHT POLE	
TELEPHONE PEDESTAL	
ELECTRIC/POWER METER	
ELECTRIC JUNCTION BOX	
WATER METER	
IRRIGATION CONTROL VALVE	
FIRE HYDRANT	
GAS MARKER	
GAS VALVE	
SANITARY SEWER MANHOLE	
CLEANOUT	
BOLLARD	
SPOT ELEVATION	
TREE (SIZE/TYPE NOTED)	
ASPHALT	
CONCRETE	
GRAVEL	

- NOTES**
- THERE IS NO PUBLISHED STREET ADDRESS FOR THE SUBJECT AREA OR ITS PARENT PARCEL.
  - THE TAX PARCEL IDENTIFICATION NUMBER FOR THE PARENT PROPERTY IS 0067E-0A-040.00.
  - DISTANCES SHOWN HEREON ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE NOTED.
  - UNADJUSTED RATIO OF PRECISION 1:120,066.
  - ANY UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH HE DOES STATE THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. BEFORE BEGINNING ANY CONSTRUCTION OR BORINGS, CONTACT THE UTILITIES PROTECTION CENTER AT 1-888-721-7877.
  - THIS SURVEY IS REFERENCED TO THE SC STATE PLANE COORDINATE SYSTEM, NAD 83(2011).
  - ONE FOOT CONTOUR INTERVALS SHOWN. ELEVATIONS ARE TIED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88 - GEOID 18).
  - DONALDSON, GARRETT & ASSOCIATES, INC. AND THE LAND SURVEYOR WHOSE SEAL IS AFFIXED HEREON DO NOT GUARANTEE THAT ALL EASEMENTS WHICH MAY AFFECT THIS PROPERTY ARE SHOWN.
  - THIS DOCUMENT WAS CREATED ELECTRONICALLY. THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT UNLESS IT HAS BEEN PROPERLY SEALED AND ORIGINALLY SIGNED BY A REGISTERED LAND SURVEYOR OF DONALDSON, GARRETT AND ASSOCIATES, INC.

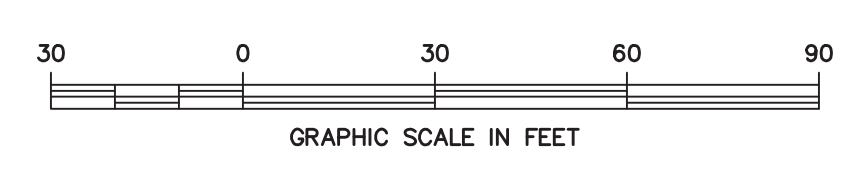
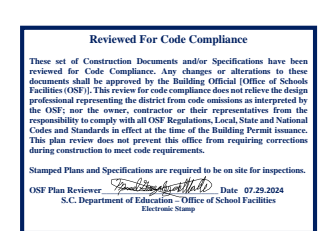
**FLOOD ZONE INFORMATION**  
 ACCORDING TO MAPPING PROVIDED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY AND SHOWN ON THE FLOOD INSURANCE RATE MAP (FIRM) LANCASTER, SOUTH CAROLINA PANEL NUMBER 45057G 0231E EFFECTIVE DATE MAY 16, 2017, THE PROPERTY SHOWN HEREON IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA. THE PROPERTY IS ENTIRELY WITHIN AN AREA DESIGNATED ZONE X - AREAS OF MINIMAL FLOOD HAZARD.



**SURVEYOR'S CERTIFICATE**  
 I hereby state that to the best of my professional knowledge, information, and belief, the survey shown herein was made in accordance with the requirements of the Standards of Practice Manual for Surveying in South Carolina, and meets or exceeds the requirements for a Class A survey as specified therein.

DocuSigned by:  
 John M. Story  
 John M. Story South Carolina Professional Land Surveyor No. 19020  
 1AF1982038D84F1...

February 13, 2024  
 Date



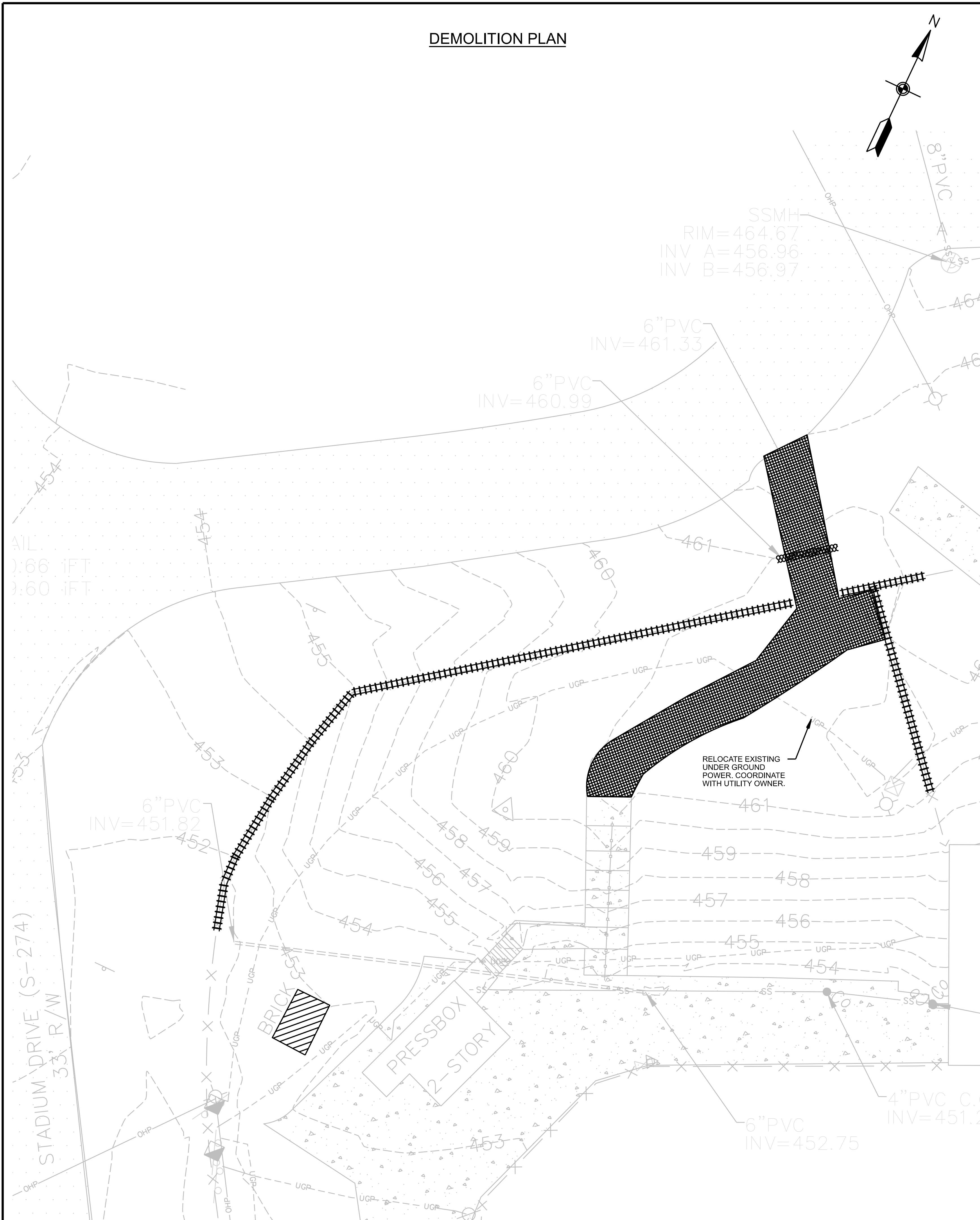
C200

TOPOGRAPHIC SURVEY  
 FOR  
 LANCASTER COUNTY SCHOOL DISTRICT  
 LANCASTER HIGH SCHOOL BASEBALL FIELD  
 RESTROOM TOPO AREA

CITY OF LANCASTER LANCASTER COUNTY SOUTH CAROLINA

DRAWN BY: JH	 Donaldson & Associates, Inc. 8741 L. LANTANA PINE BOULEVARD CHARLOTTE, N.C. 28217 (704) 374-1905 Fax: (704) 368-6192 www.dga.com JOHN M. STORY 19020 NC CORPORATE LICENSE NO. C-1918	DATE: JANUARY 29, 2024
CHKD BY: JMS		SCALE: 1"=30'
FILED BY: N/A		PROJECT NO. 1672-021-N1
DATE: 19020		DRAWING NO. NC-03-24-E

DEMOLITION PLAN

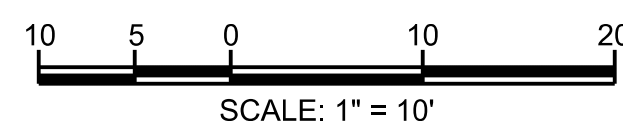


LEGEND

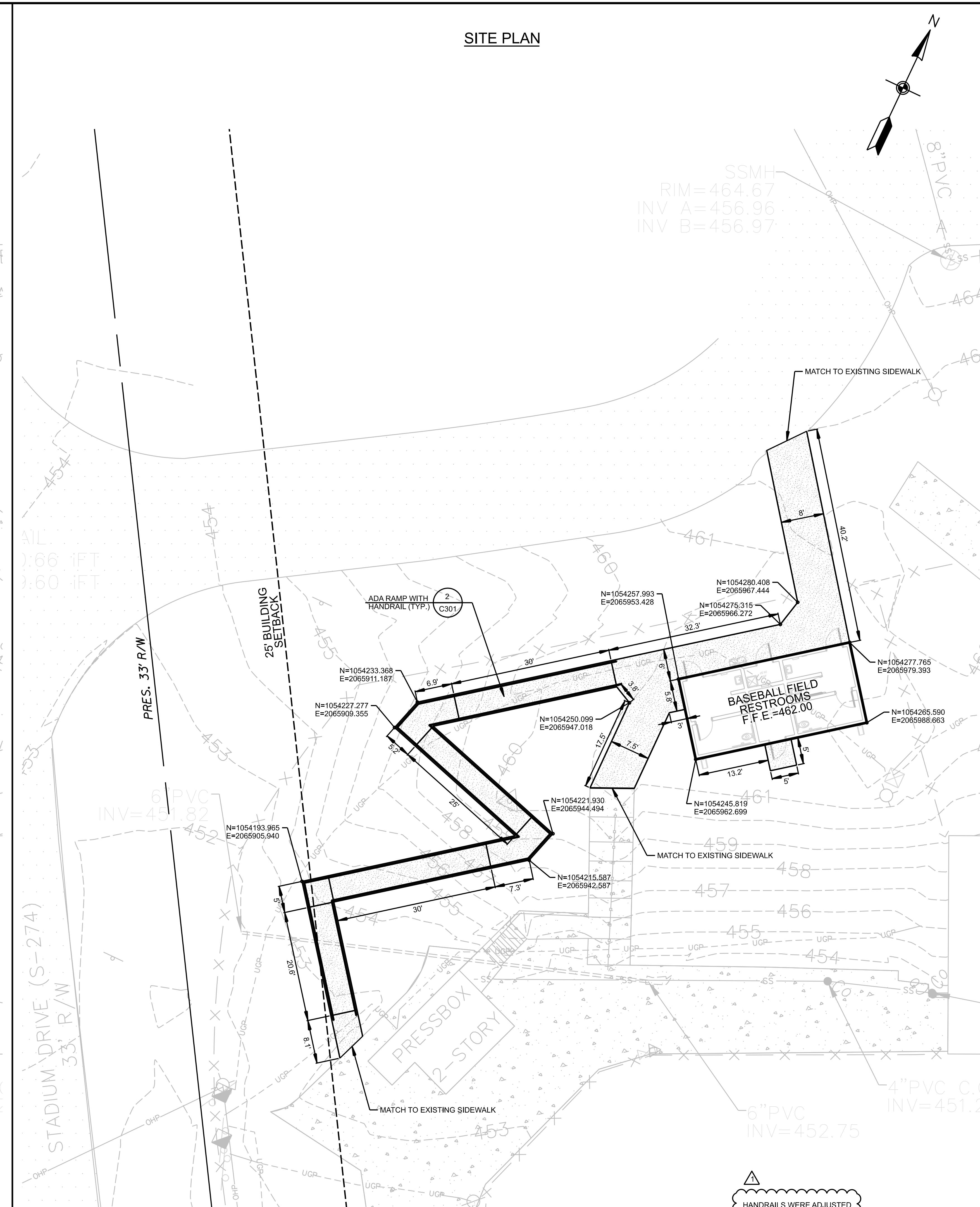
- EXISTING WELL HOUSE TO BE REMOVED (REFER TO NOTE 3)
- REMOVE EXISTING CONCRETE WALKS & PADS
- REMOVE EXISTING UTILITY AND STORM DRAIN LINES
- REMOVE AND RESET EXISTING CHAIN LINK FENCE

DEMOLITION NOTES:

1. ALL DEBRIS FROM DEMOLITION SHALL BE REMOVED FROM THE SITE & DISPOSED IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REQUIREMENTS.
2. COORDINATE RELOCATION & REMOVAL OF EXISTING UTILITIES WITH UTILITY OWNERS.
3. ABANDON EXISTING WELL IN ACCORDANCE WITH SCDHEC REGULATIONS BY LICENSED WELL CONTRACTOR.



SITE PLAN

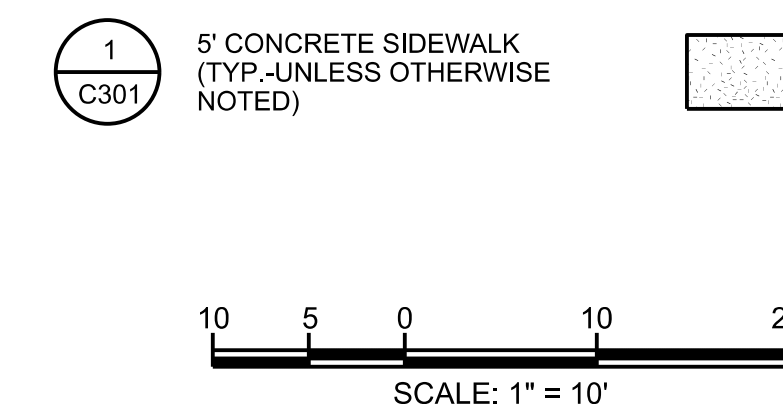


STAKING NOTES:

1. ALL DIMENSIONS ARE TO BACK OF CURB WHERE CURB AND GUTTER IS SHOWN, TO FACE OF BUILDING, TO EDGE OF PAVEMENT, OR TO PROPERTY LINE UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE 90 DEGREES UNLESS OTHERWISE NOTED.
3. ALL RADII ARE 3 FEET UNLESS OTHERWISE NOTED.
4. REFER TO ARCHITECTURAL PLANS FOR ALL BUILDING DIMENSIONS.
5. COORDINATE CONSTRUCTION AND LOCATION OF SIDEWALKS, STOOPS, HANDRAIL, AND ACCESS DOORS WITH ARCHITECTURAL PLANS.

SITE DATA:

PROPERTY OWNER: LANCASTER COUNTY BOARD OF EDUCATION  
 TAX MAP #: 0067E-0A-040.00  
 ZONED: INSTITUTIONAL  
 LAND USE: SCHOOL  
 IMPERVIOUS CALCULATIONS: BUILDING- 500 S.F., CONCRETE-1,441 S.F.



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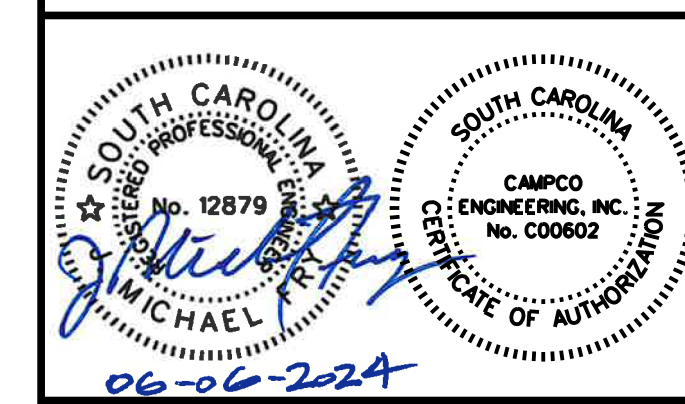
LANCASTER HIGH SCHOOL  
 BASEBALL FIELD  
 RESTROOMS

970 STADIUM DR  
 LANCASTER, SC 29720



REVISIONS		
NO.	DATE	DESCRIPTION
1	06-06-24	OSF REVIEW COMMENTS

DEMOLITION/  
 SITE PLAN



CE: 9899 ISSUED: 06-06-24

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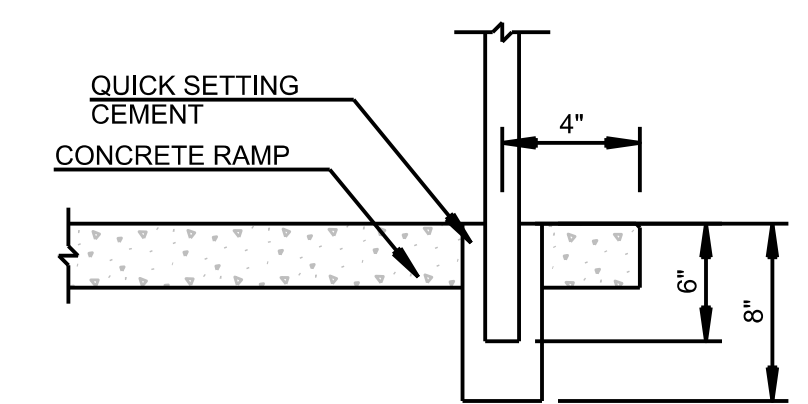
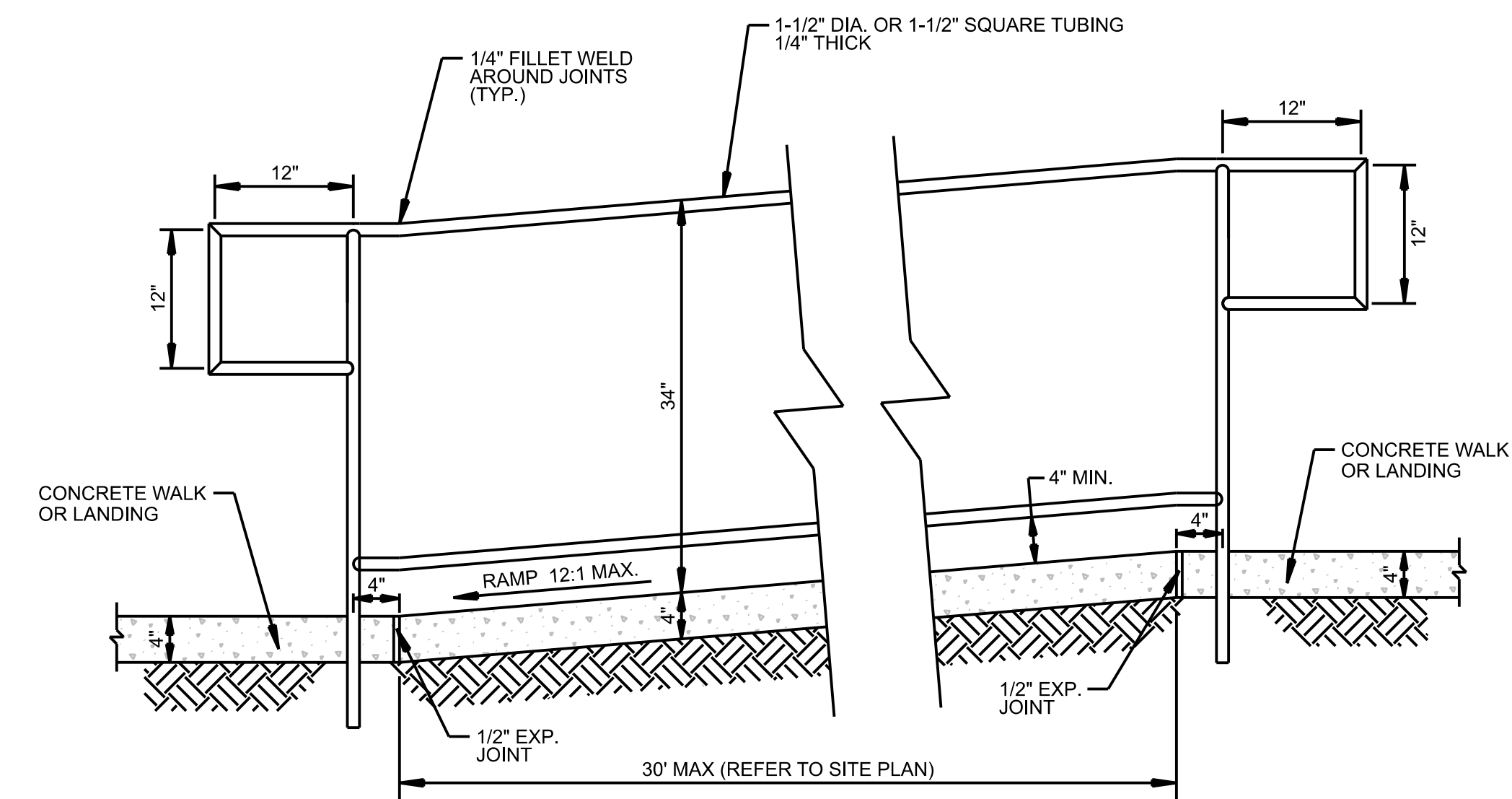
C300



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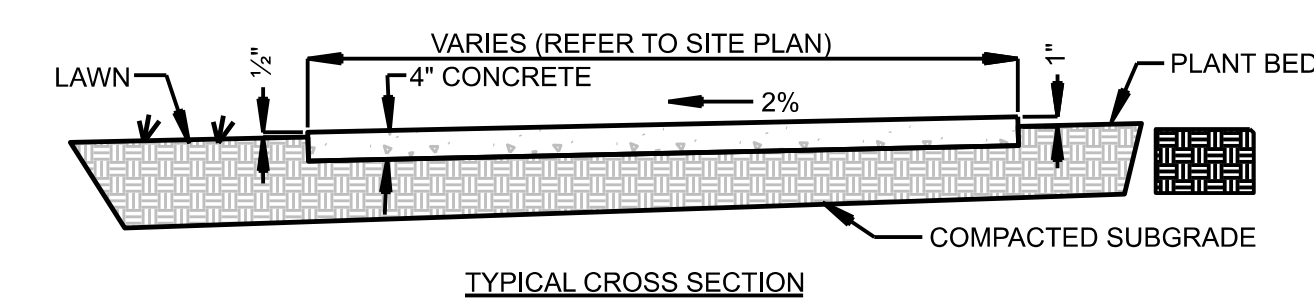
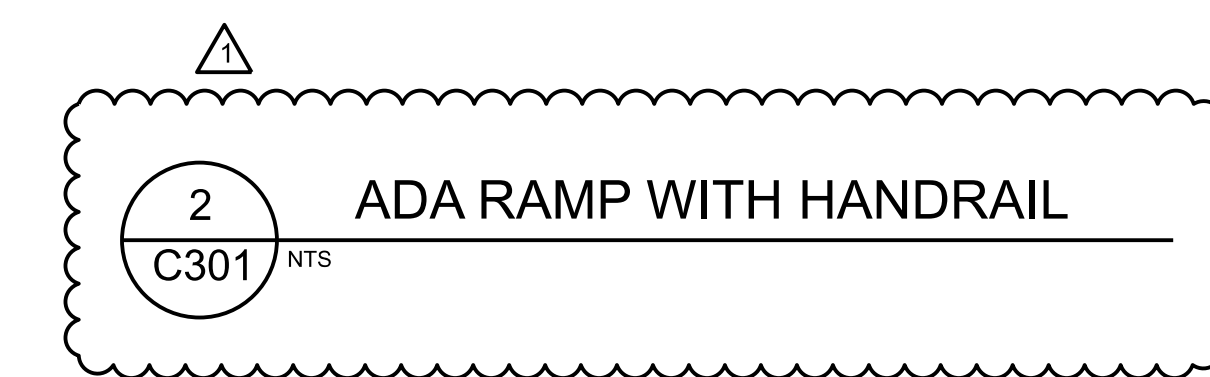
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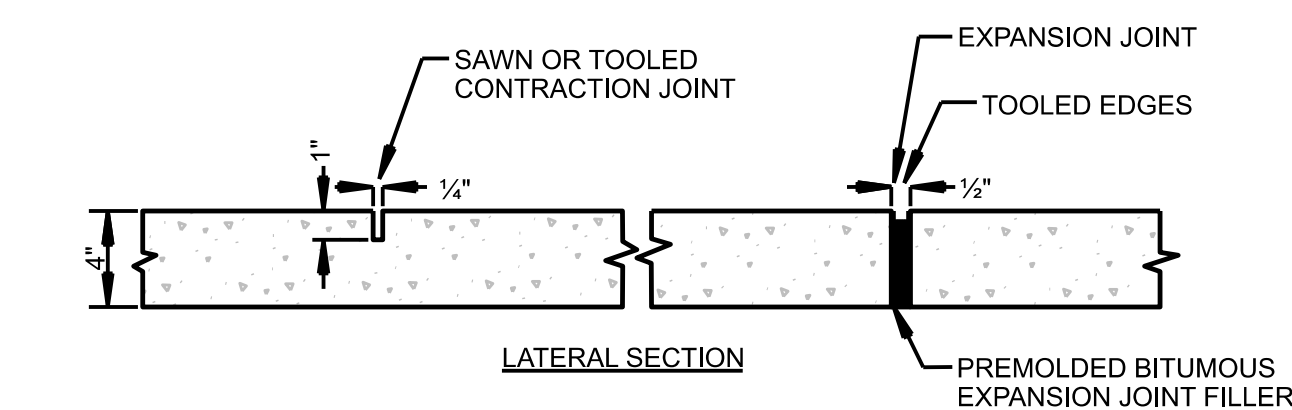
FIXED EMBEDMENT IN CONCRETE RAMP

NOTES:

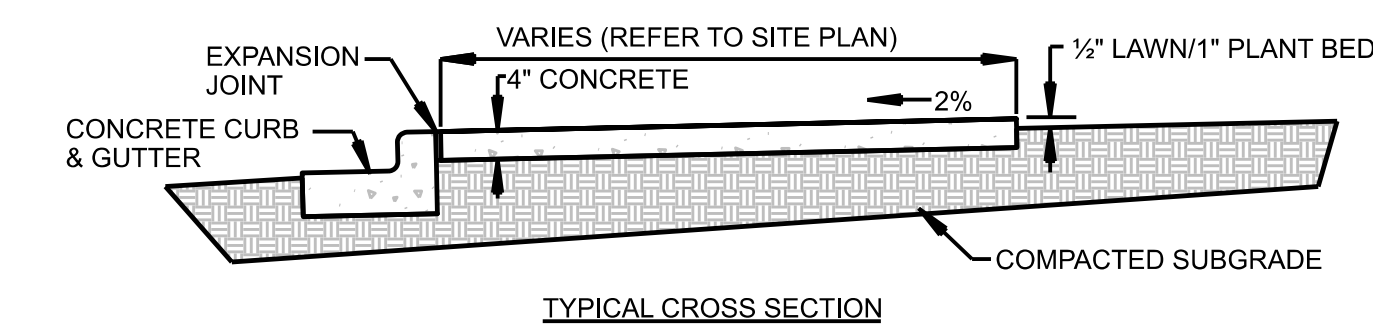
- 1. CONCRETE SHALL BE 3000 P.S.I. IN 28 DAYS.
- 2. HANDRAIL SHALL BE HOT DIPPED GALVANIZED STEEL.
- 3. TOUCH UP WELDS WITH ZINC RICH PRIMER.
- 4. REFER TO DETAIL 1 ON THIS SHEET FOR CONCRETE WALK AND JOINT DETAILS.



TYPICAL CROSS SECTION



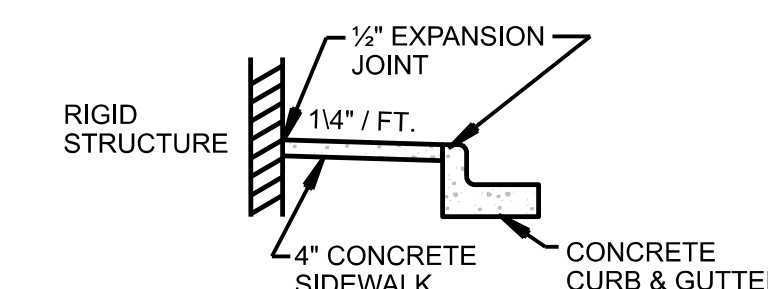
LATERAL SECTION



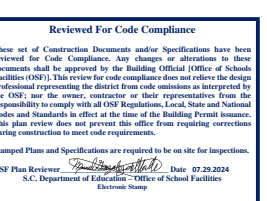
TYPICAL CROSS SECTION

GENERAL NOTES:

- 1. A GROOVE JOINT 1" DEEP WITH A 1/8" RADIUS SHALL BE REQUIRED IN THE CONCRETE SIDEWALK AT 5' INTERVALS, ONE 1/2" EXPANSION JOINT IS REQUIRED AT 45' INTERVALS. A 1/2" EXPANSION JOINT IS REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.
- 2. CONCRETE SHALL BE 3000 P.S.I. IN 28 DAYS.



# LANCASTER HIGH SCHOOL BASEBALL FIELD RESTROOMS

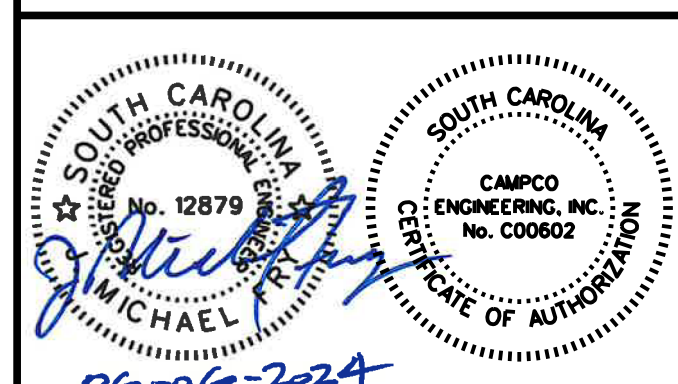


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## SITE DETAILS

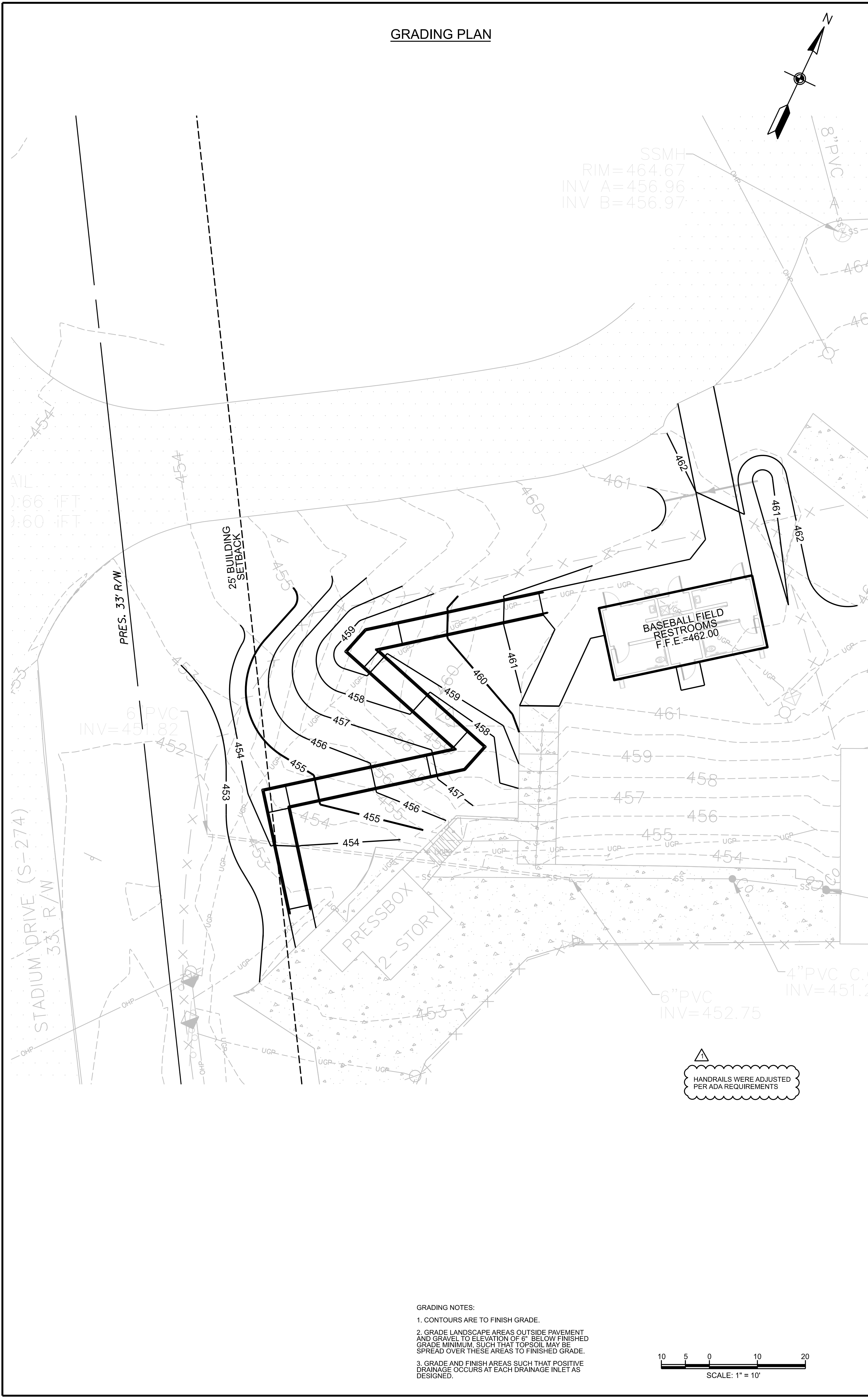


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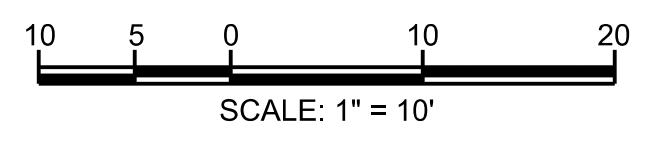
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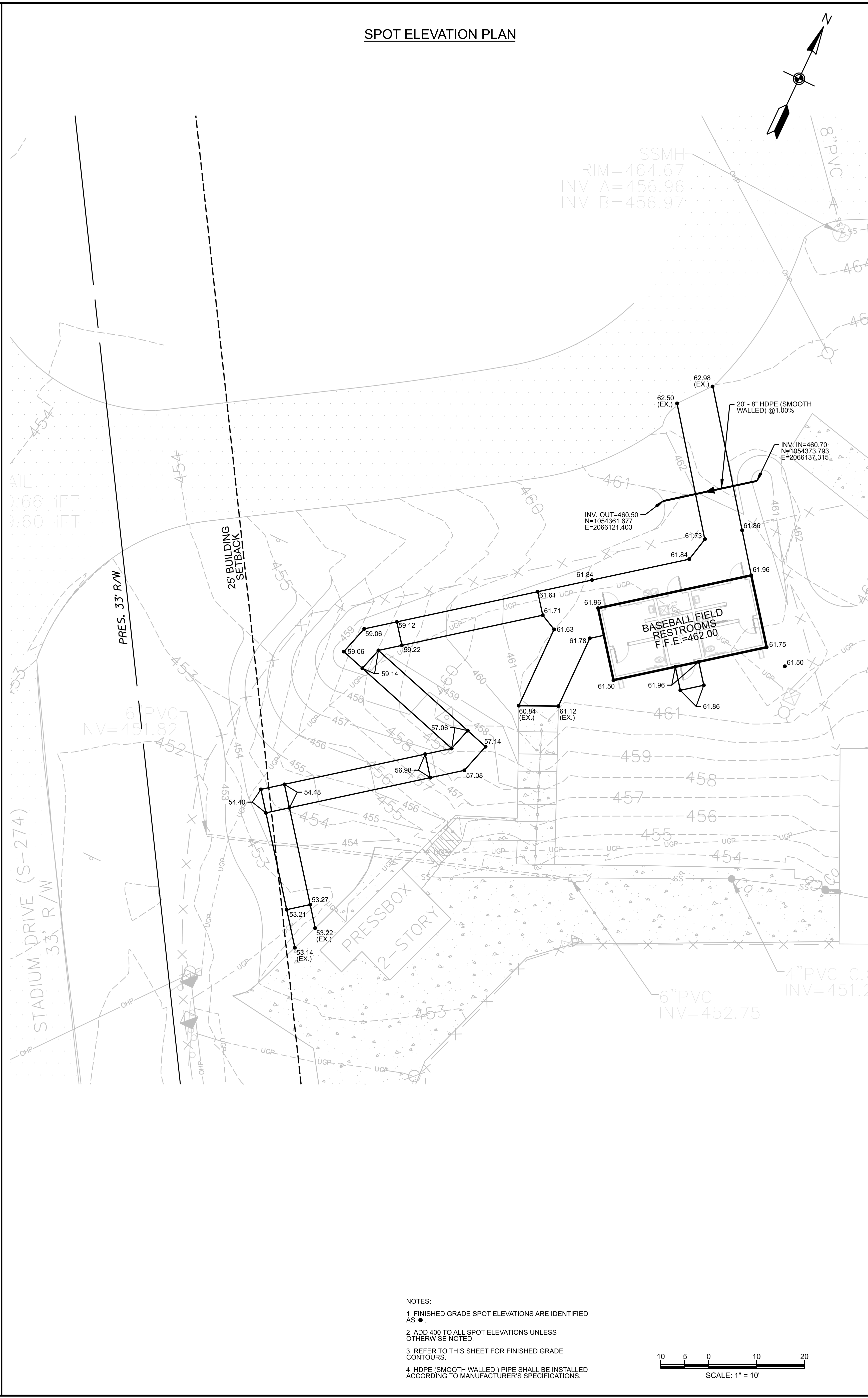
GRADING PLAN



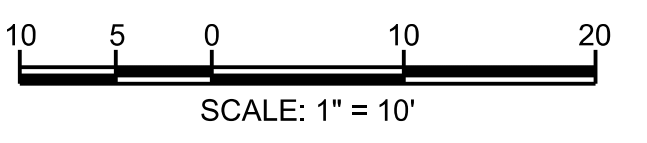
GRADING NOTES:  
1. CONTOURS ARE TO FINISH GRADE.  
2. GRADE LANDSCAPE AREAS OUTSIDE PAVEMENT AND GRAVEL TO ELEVATION OF 6" BELOW FINISHED GRADE MINIMUM, SUCH THAT TOPSOIL MAY BE SPREAD OVER THESE AREAS TO FINISHED GRADE.  
3. GRADE AND FINISH AREAS SUCH THAT POSITIVE DRAINAGE OCCURS AT EACH DRAINAGE INLET AS DESIGNED.



SPOT ELEVATION PLAN



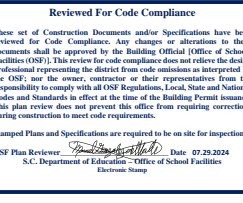
NOTES:  
1. FINISHED GRADE SPOT ELEVATIONS ARE IDENTIFIED AS ●  
2. ADD 400 TO ALL SPOT ELEVATIONS UNLESS OTHERWISE NOTED.  
3. REFER TO THIS SHEET FOR FINISHED GRADE CONTOURS.  
4. HDPE (SMOOTH WALLED) PIPE SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.



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LANCASTER HIGH SCHOOL  
BASEBALL  
FIELD  
RESTROOMS

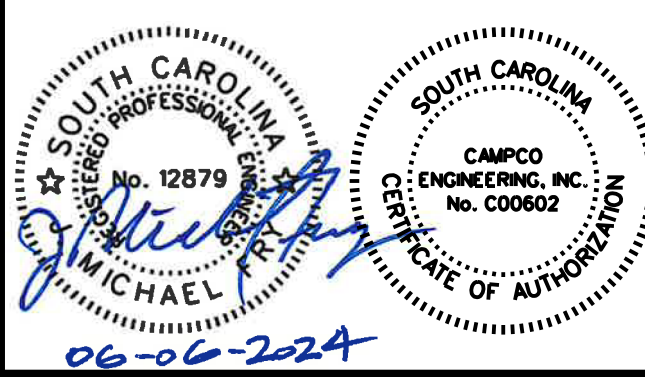


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GRADING/  
SPOT ELEVATION  
PLAN



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C400



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# LANCASTER HIGH SCHOOL BASEBALL FIELD RESTROOMS



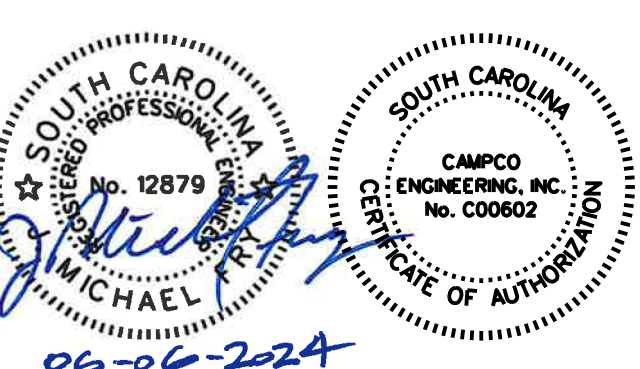
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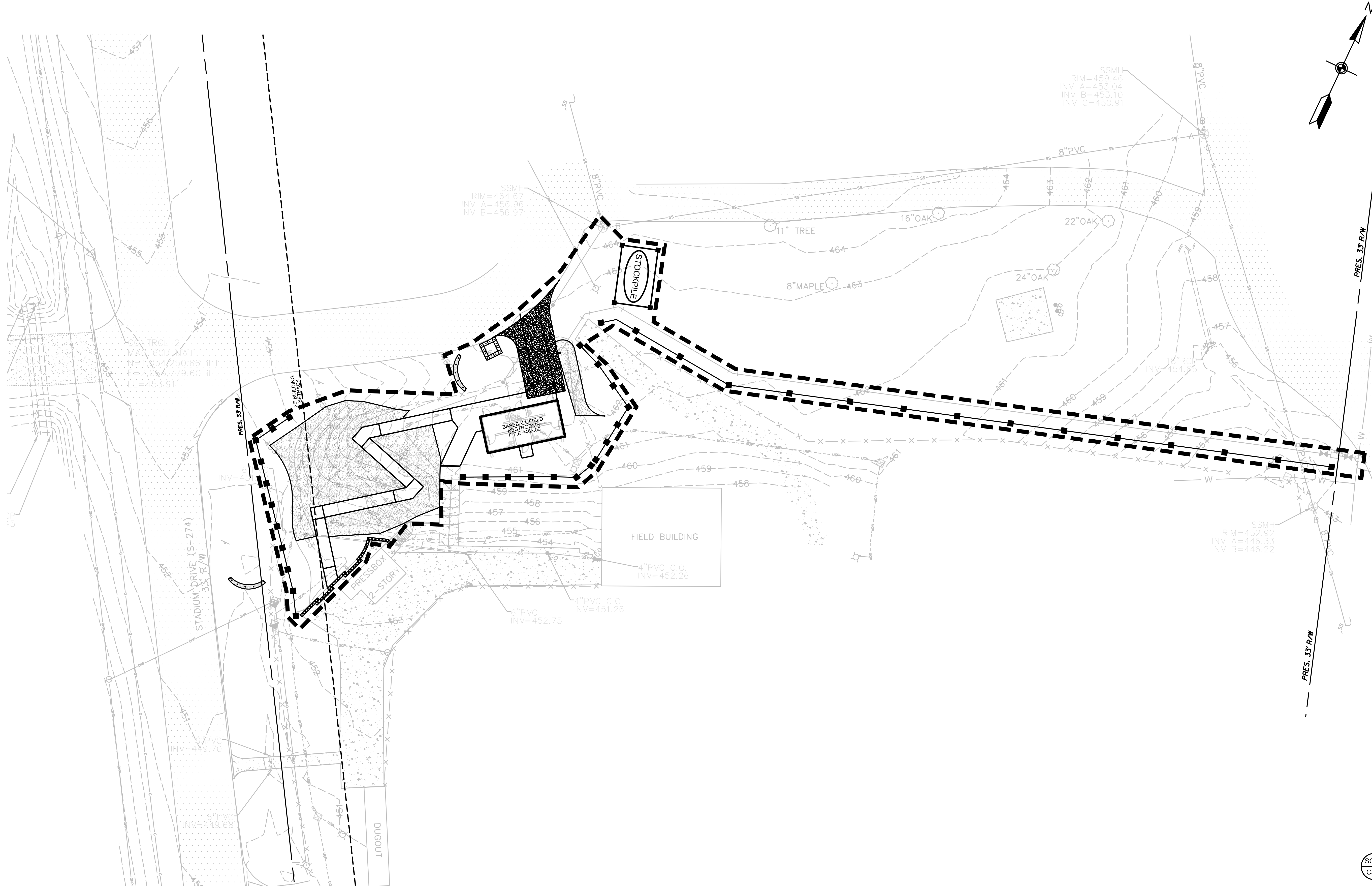
## EROSION CONTROL PLAN



06-06-2024

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SCALE: 1"=20' CAD FILE: 9899ECC500

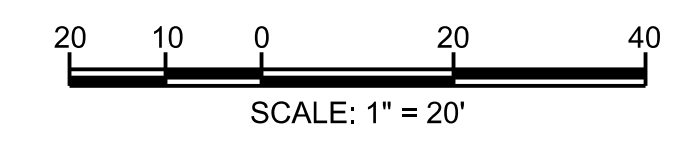
# C500



HANDRAILS WERE ADJUSTED PER ADA REQUIREMENTS

### LEGEND

- SC-05 / C502 SEDIMENT TUBE
- SC-03 / C501 SILT FENCE
- RC-07 / C501 CONCRETE WASHOUT
- 1 / C502 SLOPE PROTECTION MATTING (REFER TO NOTE 8)
- SC-08 / C501 STABILIZED CONSTRUCTION ENTRANCE
- SC-15 / C501 STOCKPILE AREA WITH SURROUNDING SILT FENCE (REFER TO NOTE 9)
- 10" WEIGHTED EROSION EELS (AS MANUFACTURED BY ACF ENVIRONMENTAL OR APPROVED EQUAL) (REFER TO EROSION CONTROL NOTE 11)
- CONSTRUCTION LIMITS



### EROSION CONTROL NOTES:

- LOCATION OF EXISTING UTILITIES AND OTHER SITE FEATURES SHALL BE FIELD VERIFIED PRIOR TO INITIATING CONSTRUCTION ACTIVITIES. THE ENGINEER SHALL BE NOTIFIED WITH ANY DISCREPANCIES.
- AREA OF DISTURBANCE: 0.40 ACRES
- REFER TO SHEET C501 AND SPECIFICATIONS FOR GRASSING REQUIREMENTS.
- EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE SCDHEC STORM WATER MANAGEMENT BMP HANDBOOK.
- CONTRACTOR SHALL INSTALL ADDITIONAL MEASURES TO CONTROL EROSION AND/OR OFF-SITE SEDIMENT AS REQUIRED BY SCDHEC AND/OR THE LOCAL GOVERNING AGENCY.
- REFER TO ACCOMPANYING PROJECT MANUAL FOR ADDITIONAL INFORMATION. THIS SHEET FOR EROSION CONTROL CONSTRUCTION SCHEDULE, AND SHEET C501 EROSION CONTROL MAINTENANCE SCHEDULE/STANDARD NOTES.
- THERE IS NO FLOOD PLAIN PRESENT ON THIS SITE. FIRM PANEL NO. 45057C0231E, COMMUNITY: LANCASTER COUNTY, DATED: 05/16/2017
- SLOPE PROTECTION MATTING SHALL BE SC 150 AS MANUFACTURED BY NORTH AMERICAN GREEN OR APPROVED EQUAL. MATTING SHALL BE INSTALLED OR APPROVED EQUAL. MATTING SHALL BE INSTALLED ON ALL SLOPES 4:1 AND STEEPER IN ACCORDANCE TO THE MANUFACTURERS REQUIREMENTS.
- UNSUITABLE / TOPSOIL STOCKPILE(S) SHALL BE CONSTRUCTED WITHIN THE AREA IDENTIFIED ON THE PLANS AND AS DIRECTED BY THE OWNERS REPRESENTATIVE. FINAL GRADES OF STOCKPILE SHALL BE UNIFORM AND STABILIZED AT A MAXIMUM HEIGHT OF 10' AND 4:1 SIDE SLOPES.
- WITHIN SEVEN CALENDAR DAYS, TEMPORARY STABILIZATION MEASURES SHALL BE COMPLETED ON TOPSOIL STOCKPILES. THE BURIAL OF ANY CELLULOSE DEBRIS WILL NEED TO BE PLATTED. THE REMOVAL OF SOIL OR WASTE FROM THE PROPOSED SITE WILL NEED TO BE TAKEN TO A PERMITTED LANDFILL OR ANOTHER PERMITTED SITE WITH A VALID LAND DISTURBANCE PERMIT. THE ASSOCIATED SITE WOULD ALSO BE REQUIRED TO PROVIDE THE APPROPRIATE EROSION AND SEDIMENT CONTROL NECESSARY TO RETAIN SEDIMENT ON SITE (WITHIN THE LIMITS OF DISTURBANCE PERMITTED).
- EROSION EELS SHALL BE OVERLAPPED BY 12" MIN. TO PREVENT SEPARATION.

### MAINTENANCE NOTES

- INSPECT SEDIMENT FENCE EVERY 7 CALENDAR DAYS AND WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/4-INCHES OR MORE OF PRECIPITATION. CHECK FOR SEDIMENT BUILDUP AND FENCE INTEGRITY. CHECK WHERE RUNOFF HAS ERODED A CHANNEL BENEATH THE FENCE, OR WHERE THE FENCE HAS SAGGED OR COLLAPSED BY FENCE OVERTOPPING.
- IF THE SEDIMENT FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE SECTION OF FENCE IMMEDIATELY.
- REMOVE SEDIMENT ACCUMULATED ALONG THE FENCE WHEN IT REACHES 1/3 THE HEIGHT OF THE FENCE, ESPECIALLY IF HEAVY RAINS ARE EXPECTED.
- REMOVE TRAPPED SEDIMENT FROM THE SITE OR STABILIZE IT ON SITE.
- REMOVE SILT FENCE WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED.
- PERMANENTLY STABILIZE DISTURBED AREAS RESULTING FROM FENCE REMOVAL.

### EROSION CONTROL CONSTRUCTION SCHEDULE

- OBTAIN SEDIMENT AND EROSION CONTROL PERMIT FROM SCDHEC. SCHEDULE A PRE-CONSTRUCTION MEETING ON-SITE. CONTACT THE SCDHEC REGIONAL OFFICE 48 HOURS PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES.
- INSTALL TEMPORARY CONSTRUCTION ENTRANCES/ EXITS.
- CLEAR AND GRUB AREAS FOR INSTALLATION OF PERIMETER CONTROLS.
- INSTALL SEDIMENT PROTECTION FENCES.
- SCHEDULE AN ON-SITE CONFERENCE WITH THE OWNER'S REPRESENTATIVE AND SCDHEC REPRESENTATIVE, IF REQUIRED BY THE PERMIT.
- CLEAR AND GRUB REMAINDER OF SITE. STRIP TOPSOIL AND STORE IN LOCATION SHOWN ON PLANS. INSTALL SILT FENCE AROUND TOPSOIL STOCKPILE ON ALL SIDES AND STABILIZE AS SOON AS POSSIBLE.
- BEGIN SITE GRADING. GRADE SITE TO MAINTAIN EXISTING DRAINAGE PATTERNS.
- GRADE BUILDING PAD.
- COMPLETE SITE GRADING. CONSTRUCT ADDITIONAL PERIMETER CONTROLS AS NECESSARY FOR CONSTRUCTION STAGING.
- APPLY STABILIZATION MEASURES (TEMPORARY OR PERMANENT SEEDING) AS SOON AS GRADING IS COMPLETE. (REFER TO MAINTENANCE SCHEDULE.)
- INSTALL WATER & SEWER SERVICES, RAMP AND SIDEWALK. INSTALL FINAL LANDSCAPING.
- AFTER SITE IS STABILIZED, REMOVE ALL REMAINING TEMPORARY EROSION CONTROL MEASURES, AND REPAIR AND STABILIZE DISTURBED AREAS. ACQUIRE PERMISSION FROM OWNER'S REPRESENTATIVE AND SCDHEC REPRESENTATIVE, PRIOR TO REMOVAL OF EROSION AND SEDIMENT CONTROL MEASURES.



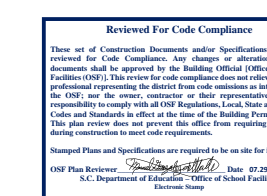


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# LANCASTER HIGH SCHOOL BASEBALL FIELD RESTROOMS



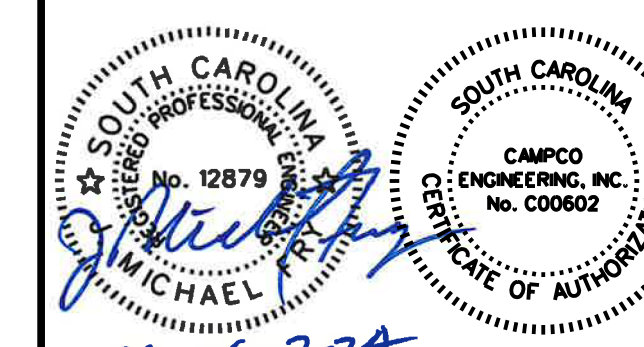
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### REVISIONS

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## EROSION CONTROL DETAILS



06-06-2024

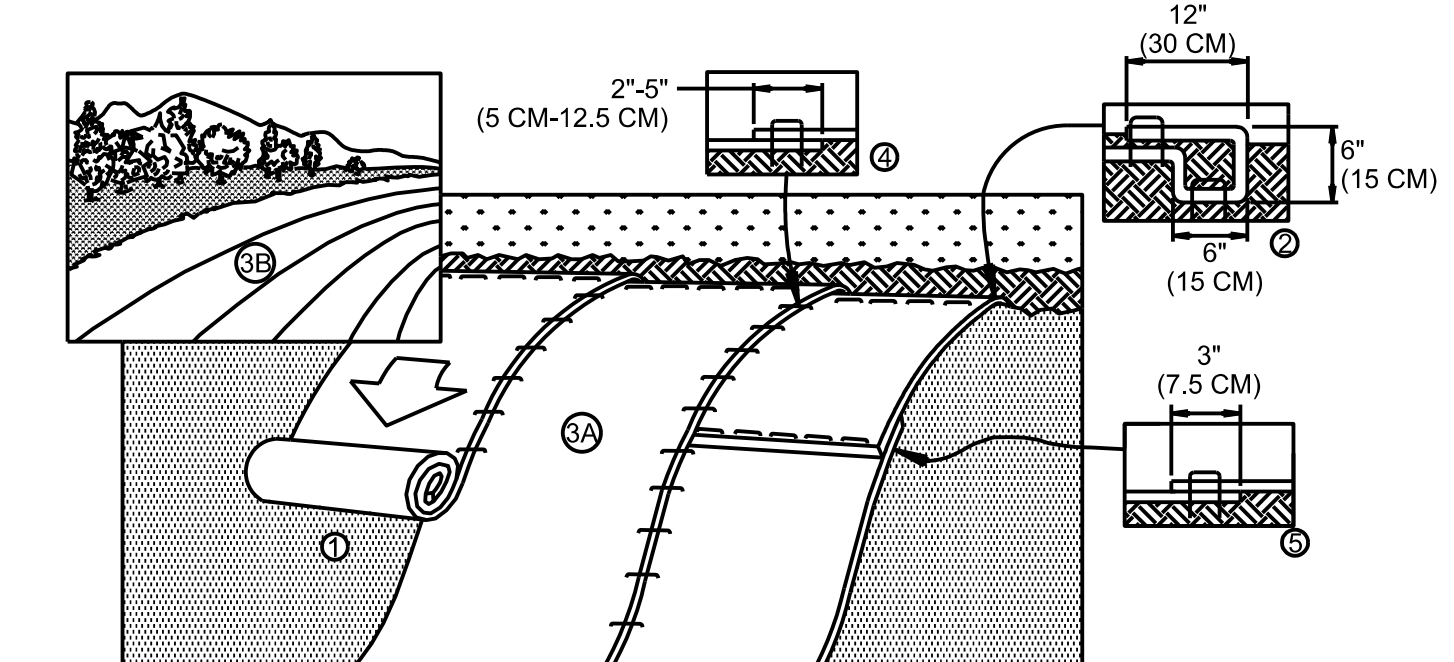
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# C502



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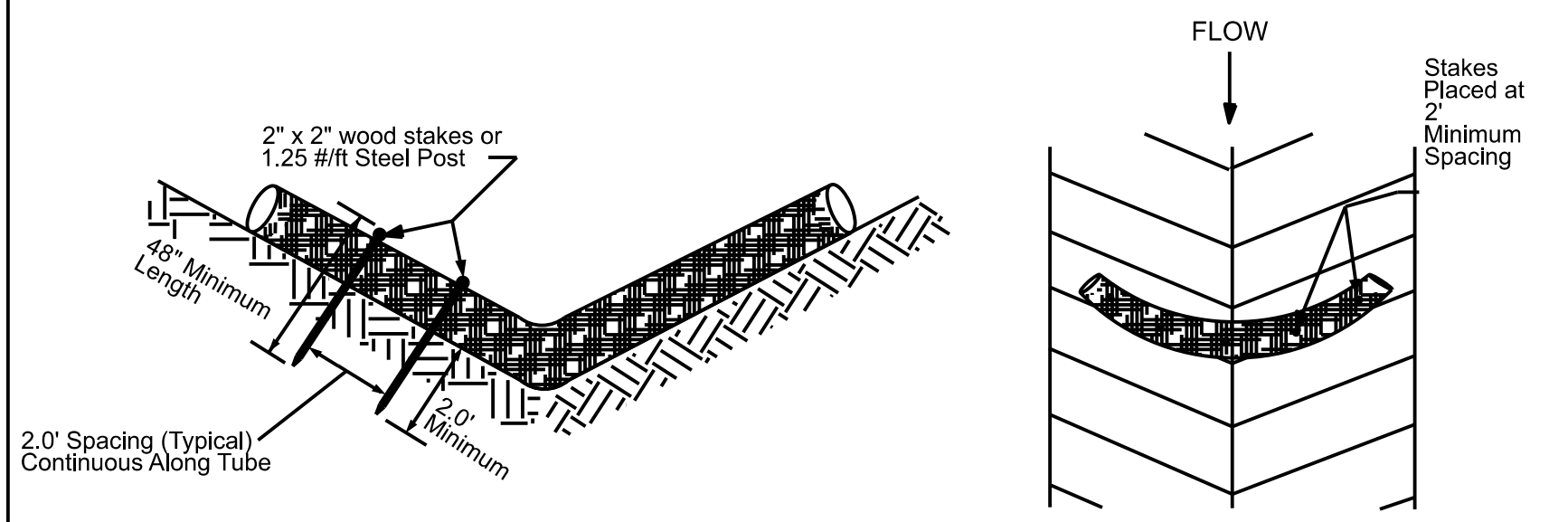
### SLOPE INSTALLATION



- NOTES:
1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP'S), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED PAPER SIDE DOWN.
  2. BEGIN AT THE TOP OF THE SLOPE ANCHORING THE RECP'S IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30 CM) OF RECP'S EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP'S WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE RECP'S.
  3. ROLL THE RECP'S (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. RECP'S WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP'S MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
  4. THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2'-5" (5 CM- 12.5 CM) OVERLAP DEPENDING ON RECP'S TYPE.
  5. CONSECUTIVE RECP'S SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA. APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE RECP'S WIDTH.
- NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO SECURE THE RECP'S.

### 1 C502 NTS SLOPE PROTECTION MATTING INSTALLATION

### SEDIMENT TUBE INSTALLATION



### SEDIMENT TUBE SPACING

SLOPE	MAX. SEDIMENT TUBE SPACING
LESS THAN 2%	150-FEET
2%	100-FEET
3%	75-FEET
4%	50-FEET
5%	40-FEET
6%	30-FEET
GREATER THAN 6%	25-FEET

South Carolina Department of Health and Environmental Control  
**SEDIMENT TUBES**  
SC-05 PAGE 1 of 2  
NOT TO SCALE

- SEDIMENT TUBES - GENERAL NOTES**
1. Sediment tubes may be installed along contours, in drainage conveyance channels, and around inlets to help prevent off-site/charged sediment-laden stormwater runoff.
  2. Sediment tubes are elongated tubes of compacted geotextiles, curfex/excelsior wood, natural coconut fiber, or hardwood mulch. Straw, pine-needle, and leaf mulch-filled sediment tubes are not permitted.
  3. The outer netting of the sediment tube should consist of seamless, high-density polyethylene photodegradable materials treated with ultraviolet stabilizers or a seamless, high-density polyethylene non-degradable material.
  4. Sediment tubes, when used as checks within channels, should range between 18-inches and 24-inches depending on channel dimensions. Diameters outside this range may be allowed where necessary when approved.
  5. Curfex excelsior wood, or natural coconut products that are rolled up to create a sediment tube are not allowed.
  6. Sediment tubes should be staked using wooden stakes (2-inch X 2-inch) or steel posts (standard "U" or "T" sections with a minimum weight of 1.25 pounds per foot) at a minimum of 48-inches in length placed on 2-foot centers.
  7. Install all sediment tubes to ensure that no gaps exist between the soil and the bottom of the tube. Manufacturer's recommendations should always be consulted before installation.
  8. The ends of adjacent sediment tubes should be overlapped 6-inches to prevent flow and sediment from passing through the field joint.
  9. Sediment tubes should not be stacked on top of one another, unless recommended by manufacturer.
  10. Each sediment tube should be installed in a trench with a depth equal to 1/5 the diameter of the sediment tube.
  11. Sediment tubes should continue up the side slopes a minimum of 1-foot above the design flow depth of the channel.
  12. Install stakes at a diagonal facing incoming runoff.
- SEDIMENT TUBES - INSPECTION & MAINTENANCE**
1. The key to functional sediment tubes is weekly inspections, routine maintenance, and regular sediment removal.
  2. Regular inspections of sediment tubes shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.
  3. Attention to sediment accumulations in front of the sediment tube is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
  4. Remove accumulated sediment when it reaches 1/3 the height of the sediment tube.
  5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
  6. Large debris, trash, and leaves should be removed from in front of tubes when found.
  7. If erosion causes the edges to fall to a height equal to or below the height of the sediment tube, repairs should be made immediately to prevent runoff from bypassing tube.
  8. Sediment tubes should be removed after the contributing drainage area has been completely stabilized. Permanent vegetation should replace areas from which sediment tubes have been removed.
- South Carolina Department of Health and Environmental Control  
**SEDIMENT TUBES**  
SC-05 PAGE 2 of 2  
GENERAL NOTES



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# LANCASTER HIGH SCHOOL BASEBALL FIELD RESTROOMS

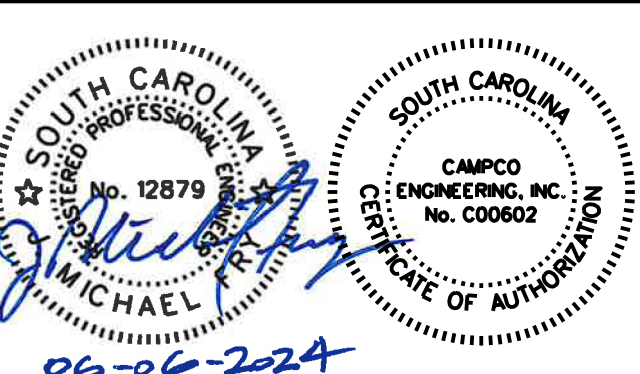


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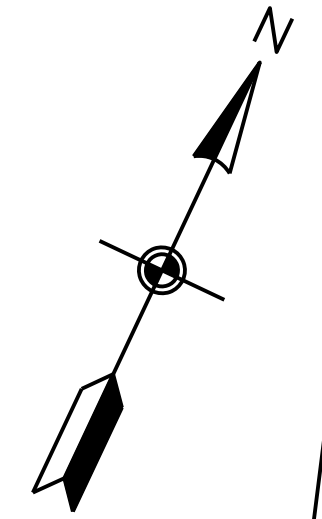
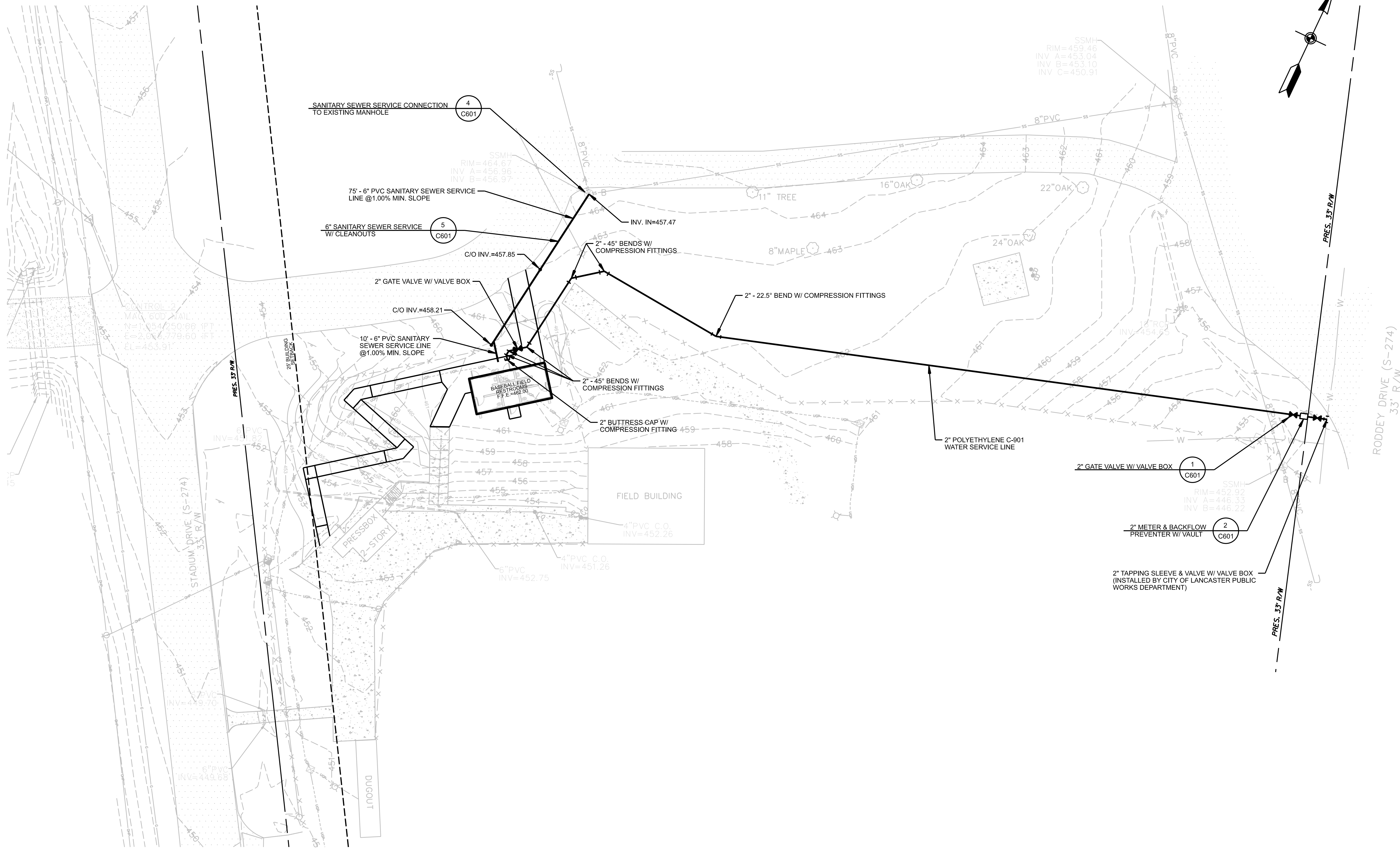
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NO.	DESCRIPTION
1	06-06-24 OSF REVIEW COMMENTS

## WATER & SANITARY SEWER SERVICE PLAN



CE: 9899 ISSUED: 06-06-24  
SCALE: 1"=20' CAD FILE: 9899UTC600

# C600

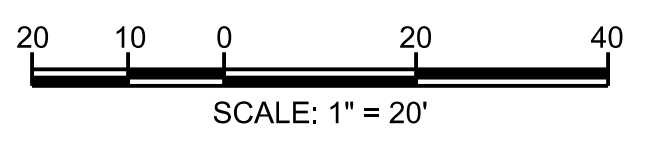


HANDRAILS WERE ADJUSTED PER ADA REQUIREMENTS

- WATER & SANITARY SEWER SERVICE LINE NOTES:**
1. FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
  2. WATER SERVICE LINES SHALL BE INSTALLED WITH 3' MINIMUM COVER.
  3. WATER METER AND VAULT SHALL MEET CITY OF LANCASTER REQUIREMENTS. COORDINATE METER AND VAULT INSTALLATION WITH CITY OF LANCASTER.
  4. SANITARY SEWER SERVICE LINES SHALL BE SDR 35 PVC PIPE.
  5. COORDINATE LOCATIONS OF THE WATER AND SANITARY SEWER SERVICE LINES WITH THE PLUMBING PLANS.
  6. CONTRACTOR SHALL FIELD VERIFY EXISTING IRRIGATION WATER LINE SIZE & MATERIAL AND MATCH RELOCATED IRRIGATION WATER LINE SIZE, MATERIAL, AND FITTINGS.
  7. PROVIDE RECORD DRAWING INFORMATION OF THE WATER LINE AND SANITARY SEWER LINE TO THE ENGINEER PRIOR TO REQUESTING A FINAL INSPECTION.
  8. WHERE APPLICABLE, ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH CITY OF LANCASTER POLICIES, PROCEDURES, STANDARDS AND SPECIFICATIONS.

- SANITARY SEWER RECORD PLAN REQUIRED DATA:**
1. CONTRACTOR SHALL PROVIDE A RECORD PLAN SURVEY WITH LOCATIONS FOR MANHOLES, SEWER SERVICES, CLEANOUTS, PIPS AND ALL PIPE SIZES, MATERIALS, AND LENGTHS DOCUMENTED.
  2. CONTRACTOR SHALL PROVIDE A RECORD PLAN SURVEY WITH MANHOLE RIM AND INVERT ELEVATIONS.

- WATER SYSTEM RECORD PLAN REQUIRED DATA:**
1. CONTRACTOR SHALL PROVIDE A RECORD PLAN SURVEY WITH LOCATIONS FOR ALL WATER LINE APPURTENANCES, WATER SERVICES AND ALL PIPE SIZES AND MATERIALS DOCUMENTED.
  2. THE RECORD PLAN SURVEY SHALL BE PROVIDED TO THE ENGINEER PRIOR TO THE BACTERIOLOGICAL SAMPLE TESTING TO ALLOW ADEQUATE TIME FOR REVIEW AND MUNICIPALITY APPROVAL BEFORE THE SAMPLE'S 30 DAYS EXPIRATION.



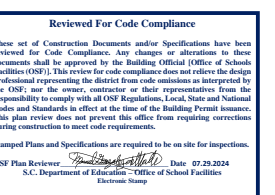


**Campco Engineering, Inc.**  
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# LANCASTER HIGH SCHOOL BASEBALL FIELD RESTROOMS



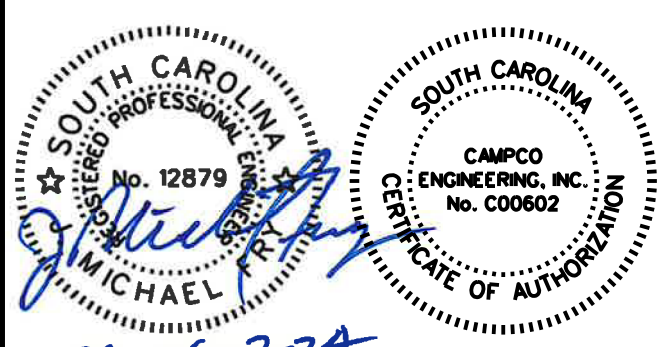
970 STADIUM DR  
LANCASTER, SC 29720



### REVISIONS

NO.	DATE	DESCRIPTION

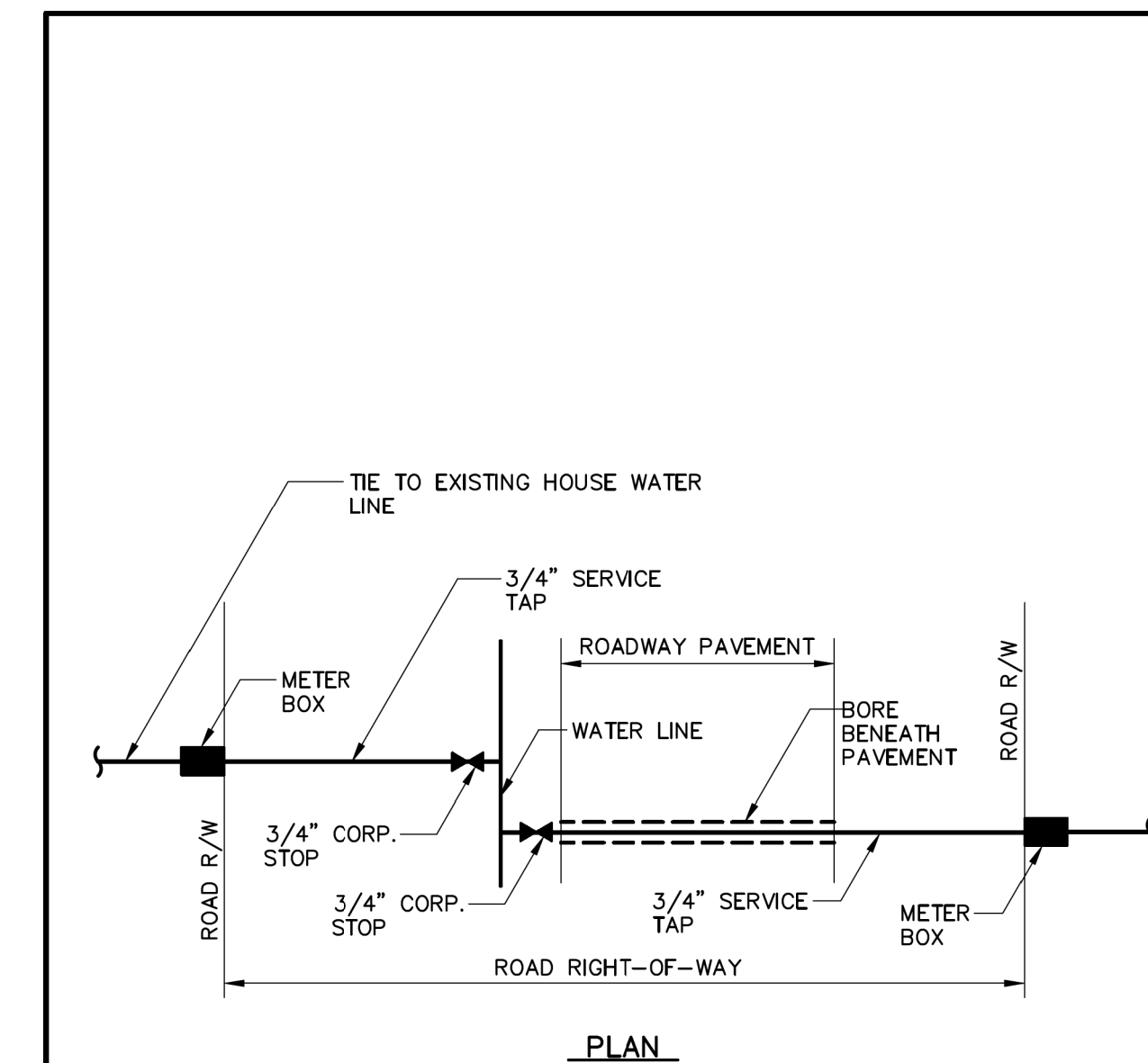
## WATER & SANITARY SEWER DETAILS



06-06-2024

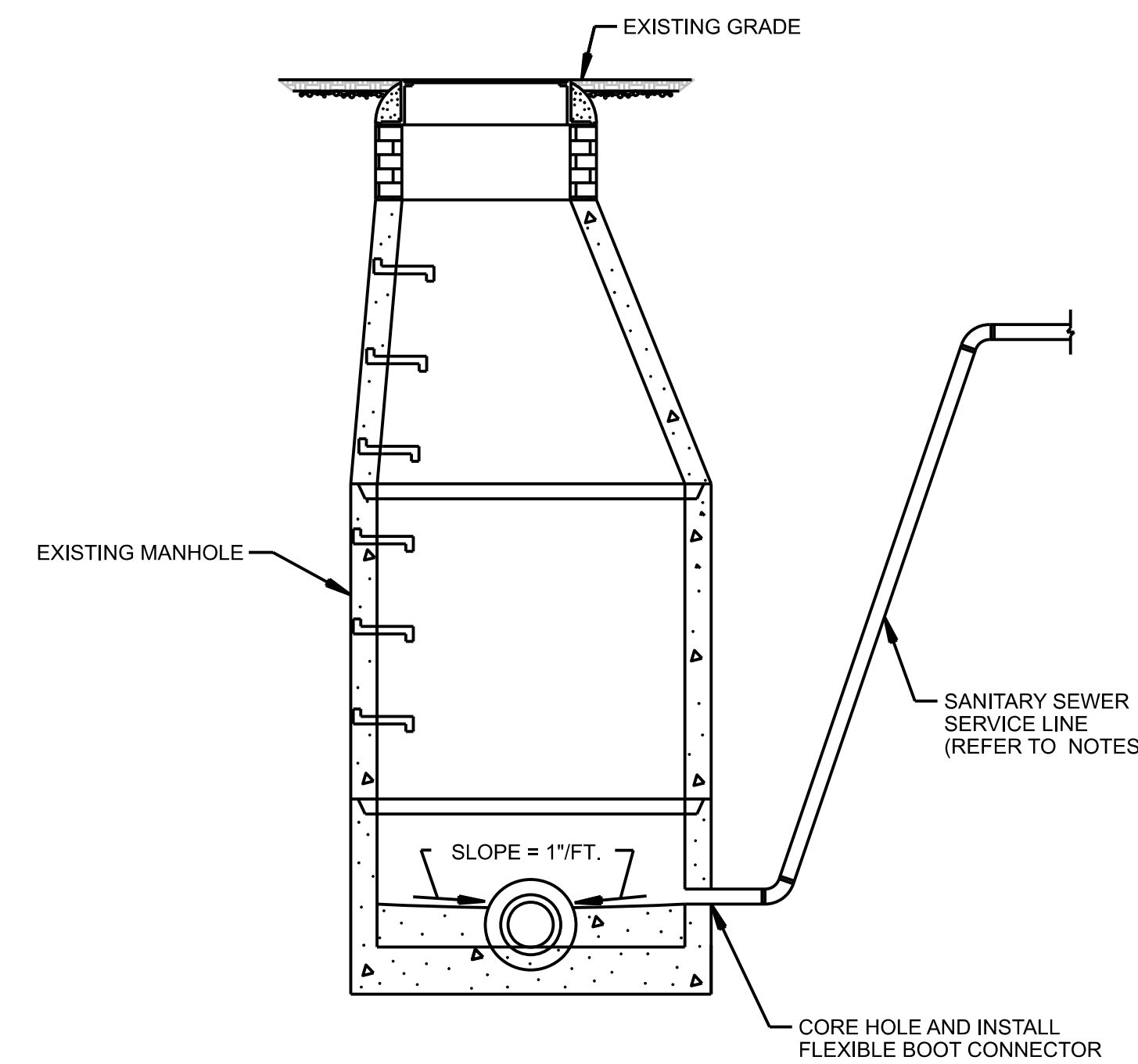
CE: 9899    ISSUED: 06-06-24  
SCALE: NA    CAD FILE: 9899DTC601

# C601



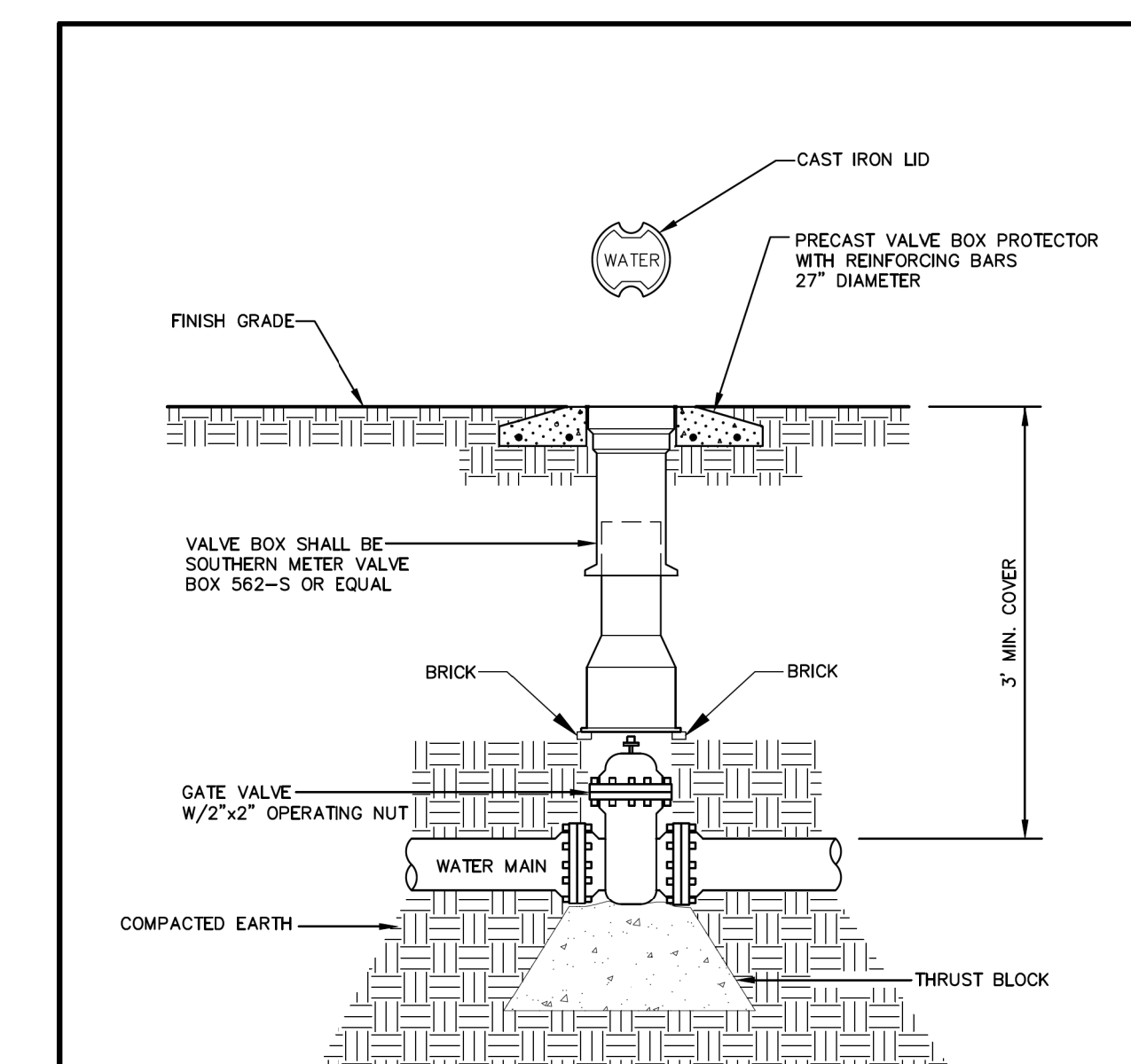
DATE: JANUARY 2008	STANDARD DETAIL	CITY OF LANCASTER
DRAWN BY: WGD	TYPICAL SERVICE INSTALLATION	LANCASTER COUNTY, S.C.
SCALE: NONE		FILE NO: WL-8

**2 SERVICE INSTALLATION**



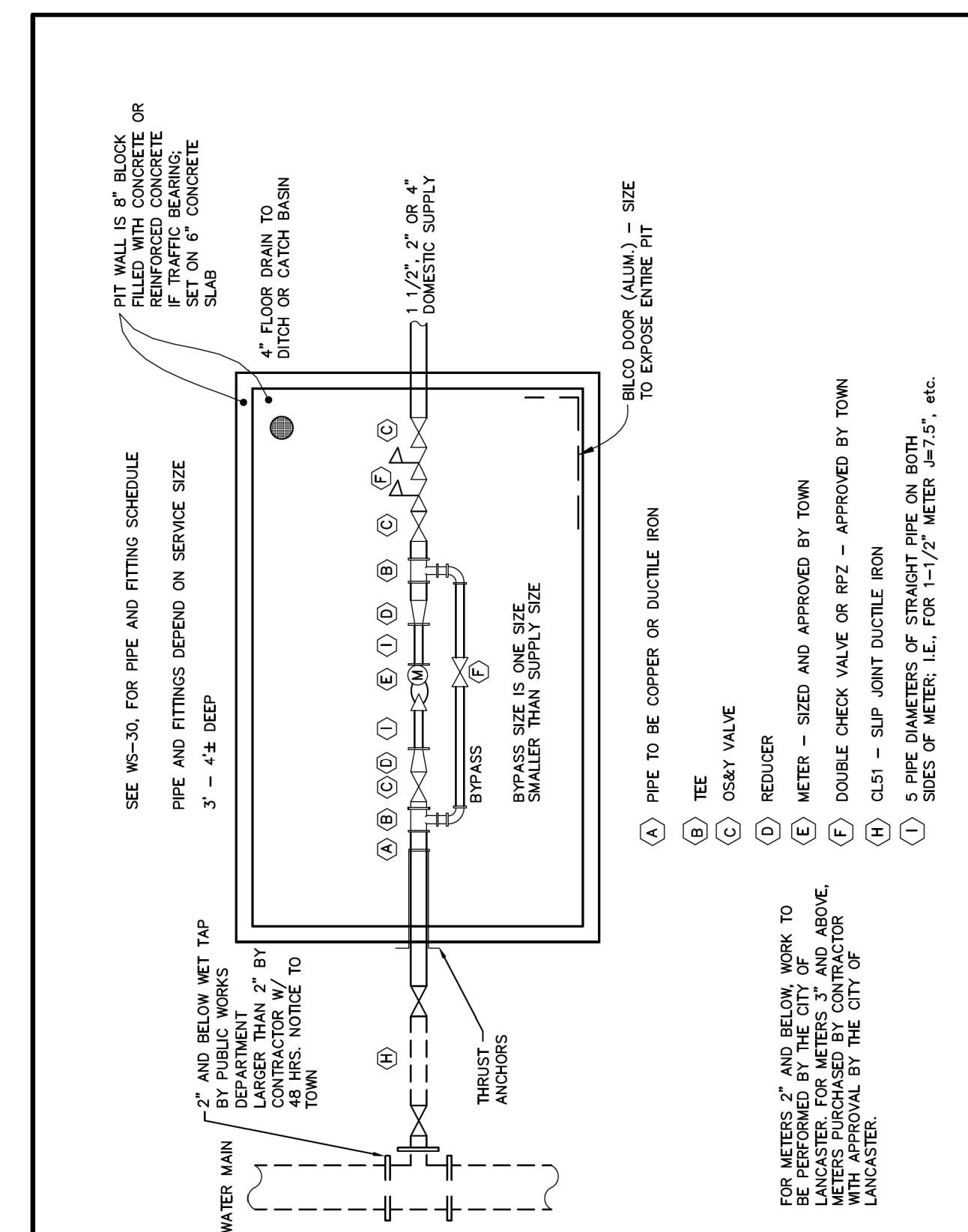
- NOTES:
1. LATERALS CONNECTING TO MANHOLES SHALL NOT EXTEND MORE THAN 3" INSIDE THE MANHOLE WALL.
  2. THE LATERAL INVERT ELEVATION FOR TIES TO EXISTING MANHOLES SHALL MATCH THE MANHOLE'S EXISTING SHELF ELEVATION.
  3. REFER TO WATER/ SANITARY SEWER SERVICE PLAN.

**4 SEWER LATERAL - CONNECTING TO EXISTING MANHOLE**



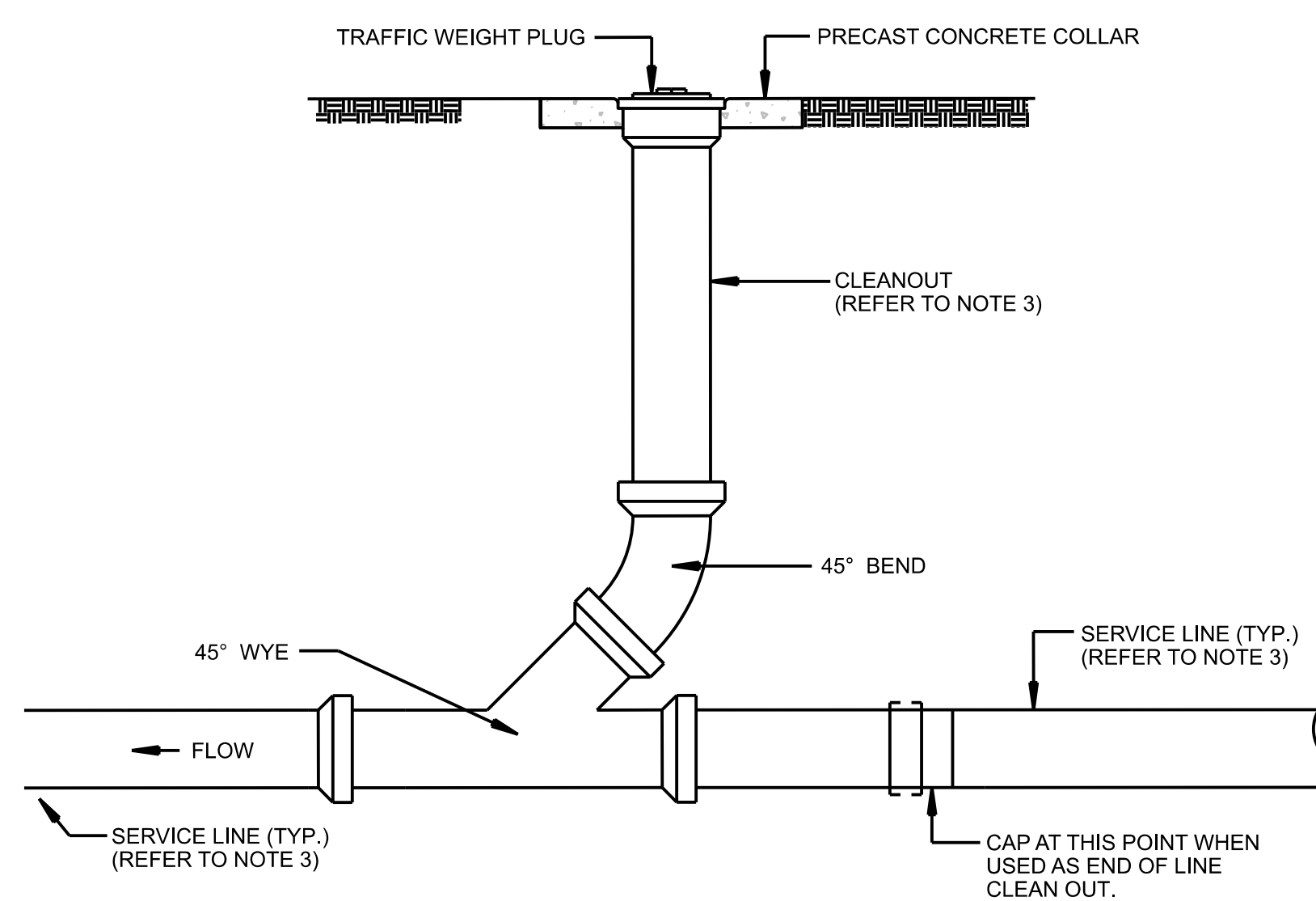
DATE: JANUARY 2008	STANDARD DETAIL	CITY OF LANCASTER
DRAWN BY: WGD	VALVE AND VALVE BOX	LANCASTER COUNTY, S.C.
SCALE: NONE		FILE NO: WL-3

**1 VALVE AND VALVE BOX**



DATE: JANUARY 2008	STANDARD DETAIL	CITY OF LANCASTER
DRAWN BY: WGD	METER PIT DETAIL	LANCASTER COUNTY, S.C.
SCALE: NONE	FOR 2" AND 4" LINES	FILE NO: WL-11
	SINGLE DOMESTIC SUPPLY W/BY-PASS	

**3 METER PIT**



- NOTES:
1. CONCRETE COLLAR NOT NEEDED WHEN CLEANOUT OCCURS IN CONCRETE PAVEMENT.
  2. CLEANOUT PLUG SHALL BE BRASS AND INSTALLED FLUSH WITH FINISHED GRADE WHEN CLEANOUT OCCURS IN PAVEMENT.
  3. PIPE SIZE & TYPE VARIES, REFER TO UTILITY PLAN.

**5 SANITARY SEWER CLEANOUT**

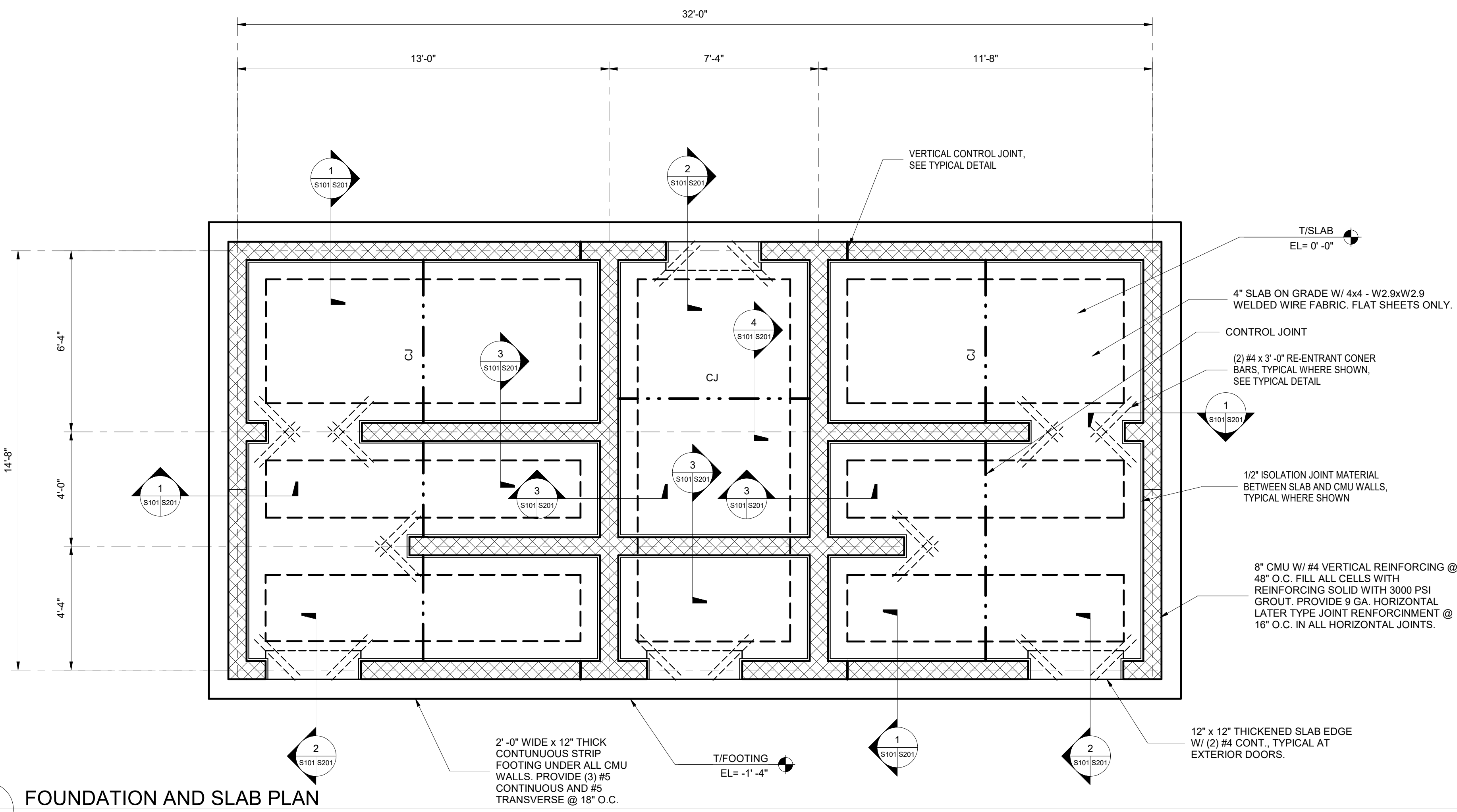


DATE	DESCRIPTION

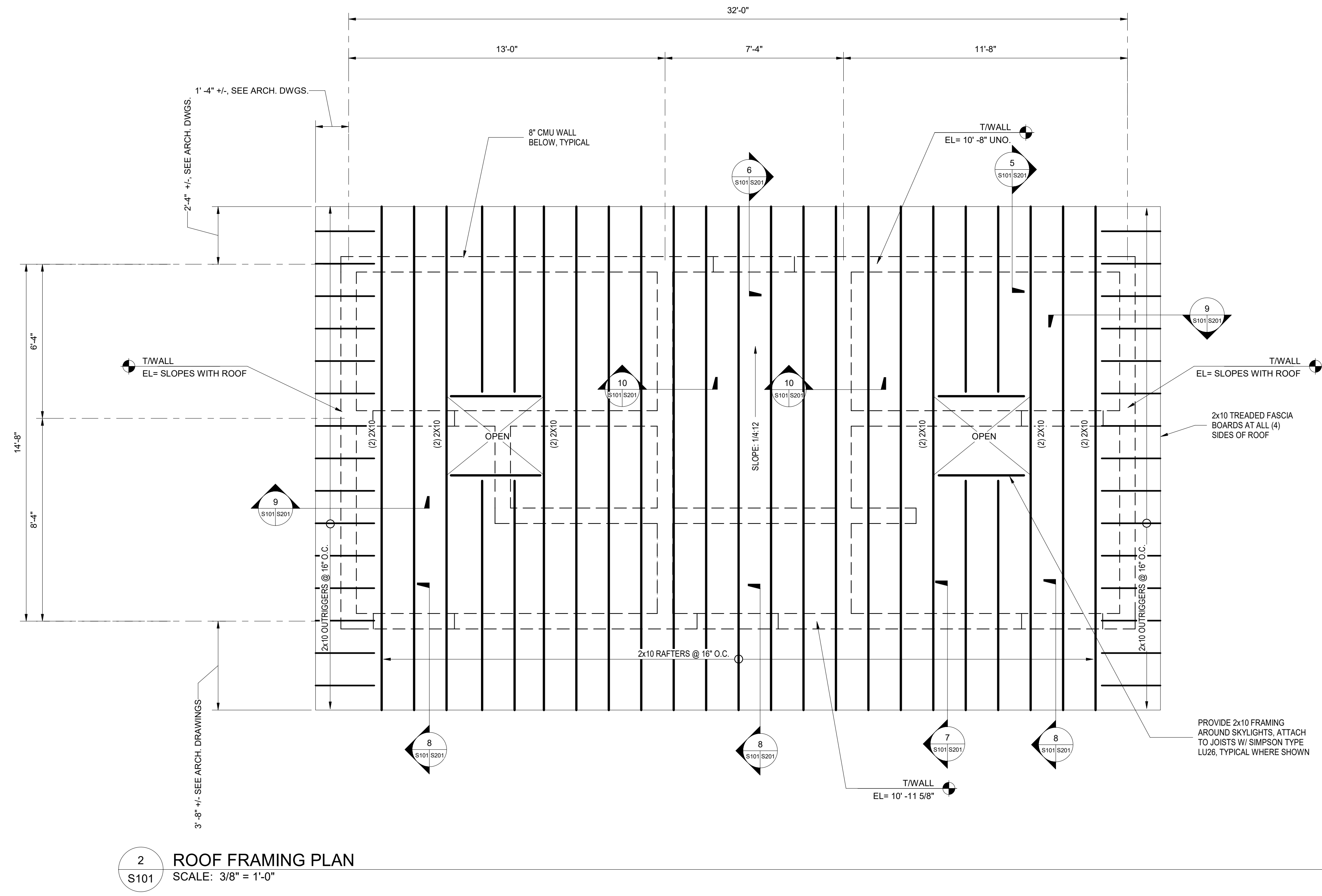
SHEET NAME:  
FOUNDATION AND ROOF FRAMING PLAN

ORIG SUBMISSION: 3/15/2024

SHEET: S101



1 FOUNDATION AND SLAB PLAN  
SCALE: 3/8" = 1'-0"



2 ROOF FRAMING PLAN  
SCALE: 3/8" = 1'-0"

3/17/2024 3:40:37 PM





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**LANCASTER HS BASEBALL RESTROOM**  
970 Stadium Dr, Lancaster, SC, 29720

DISTRICT FIVE PROJECT: 2014-012  
LS3P PROJECT: 2023-0386

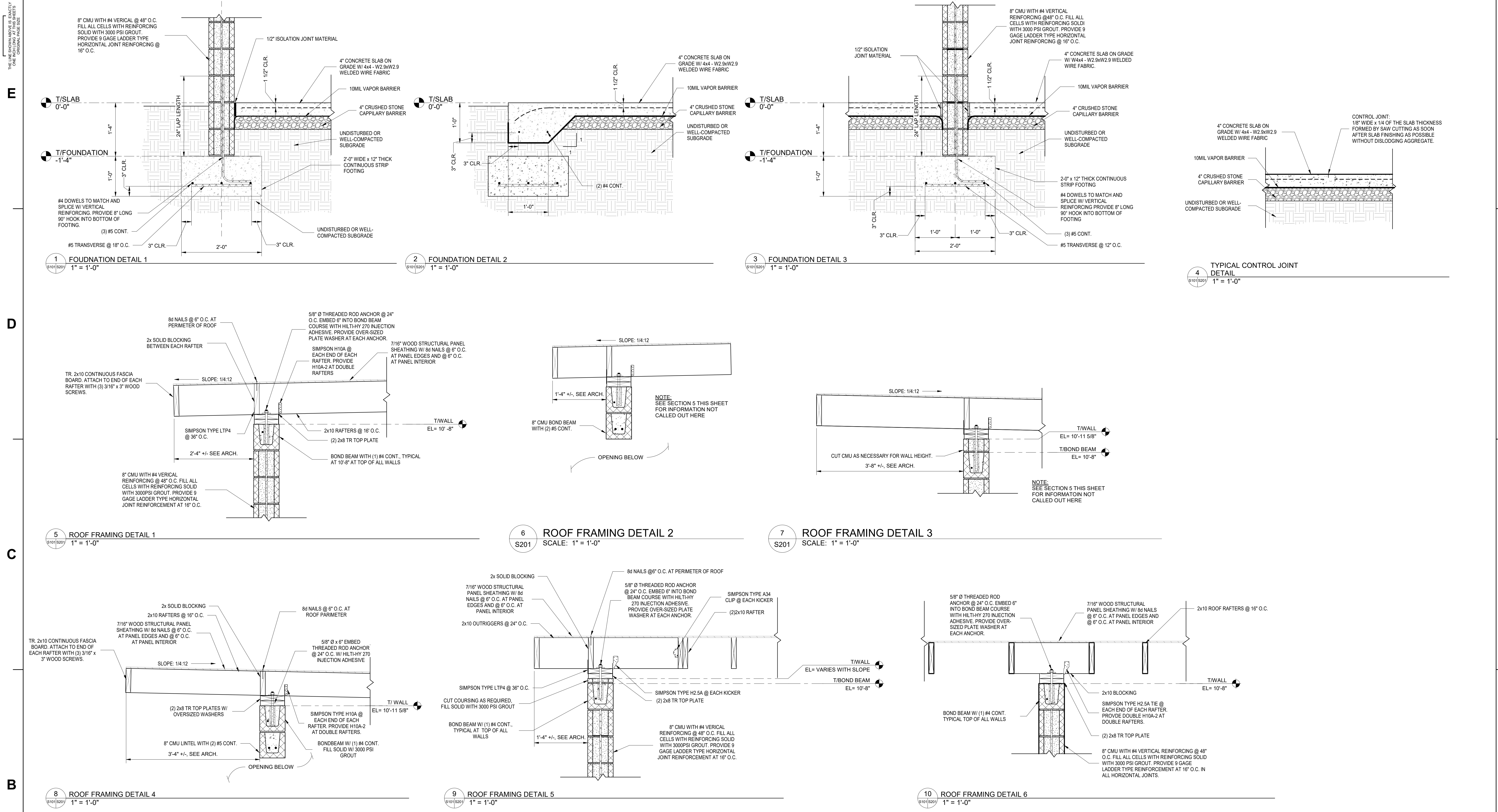
DATE	DESCRIPTION

SHEET NAME: FOUNDATION AND FRAMING DETAILS

ORIG SUBMISSION: 3/15/2024

SHEET: **S201**

CONSTRUCTION DOCUMENTS



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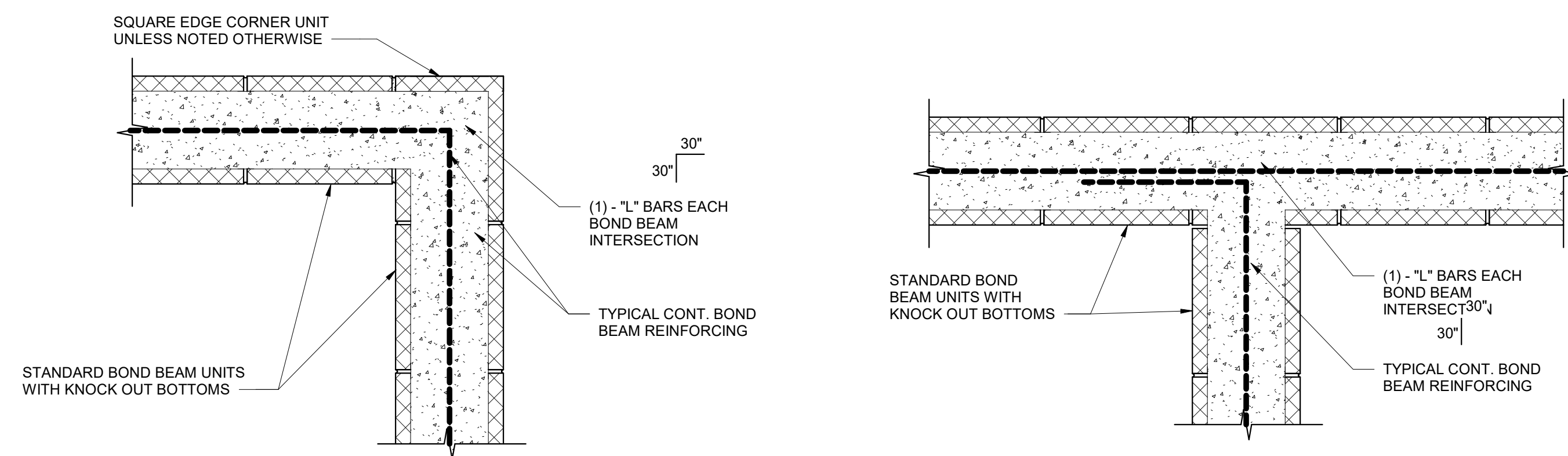
5

6

3/17/2024 3:40:10 PM

THE LINE SHOWN ABOVE IS EXACTLY ONE FOOT FROM FACE OF CONCRETE

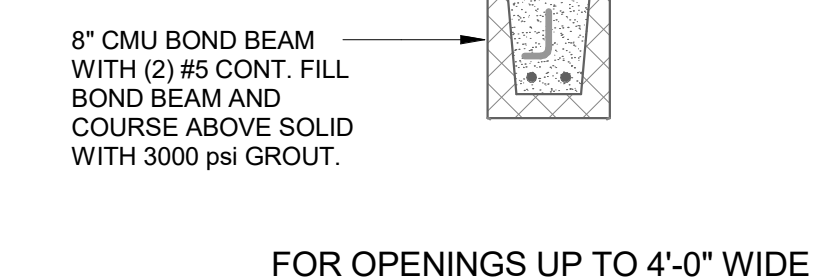
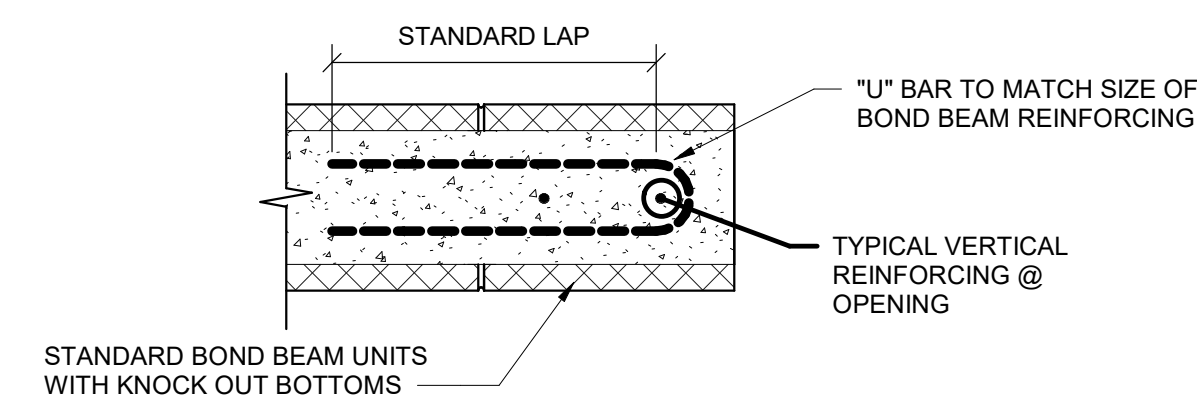
E



1 CMU - TYP. BOND BEAM REINFORCING (CORNER) SCALE: 1" = 1'-0"

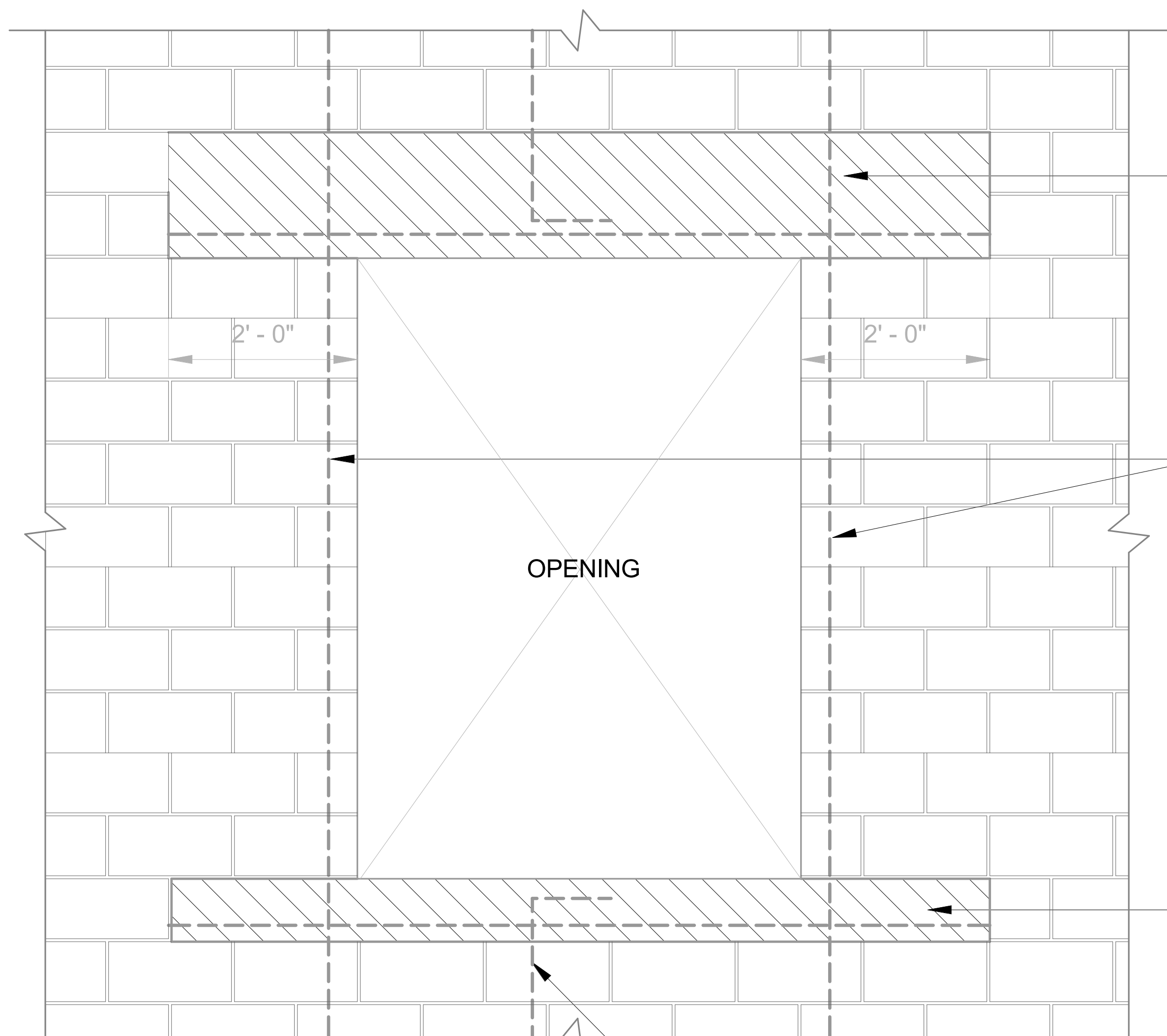
2 CMU - TYP. BOND BEAM REINFORCING (WALL INTERSECTION) SCALE: 1" = 1'-0"

3 CMU - TYP. BOND BEAM REINFORCING (WALL OPENING) SCALE: 1" = 1'-0"



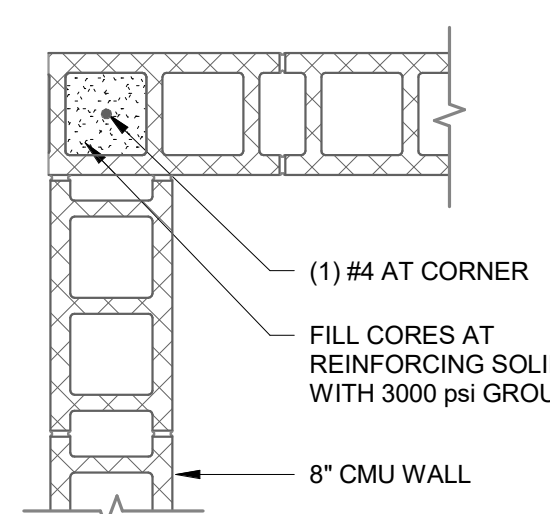
9 TYPICAL LINTEL DETAIL UP TO 4' SCALE: 1" = 1'-0"

D

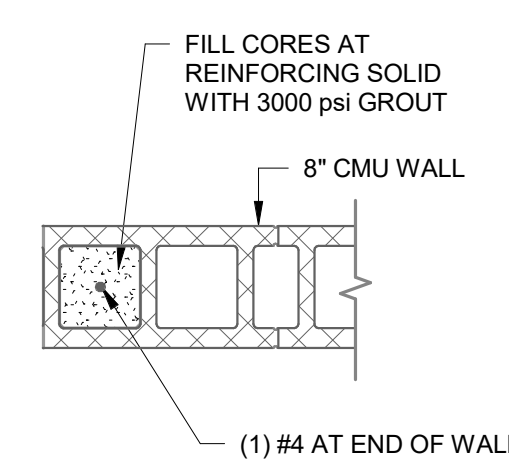


LINTEL. SEE LINTEL DETAILS THIS SHEET. EXTEND 2'-0" MINIMUM PAST FACE OF OPENING EACH SIDE

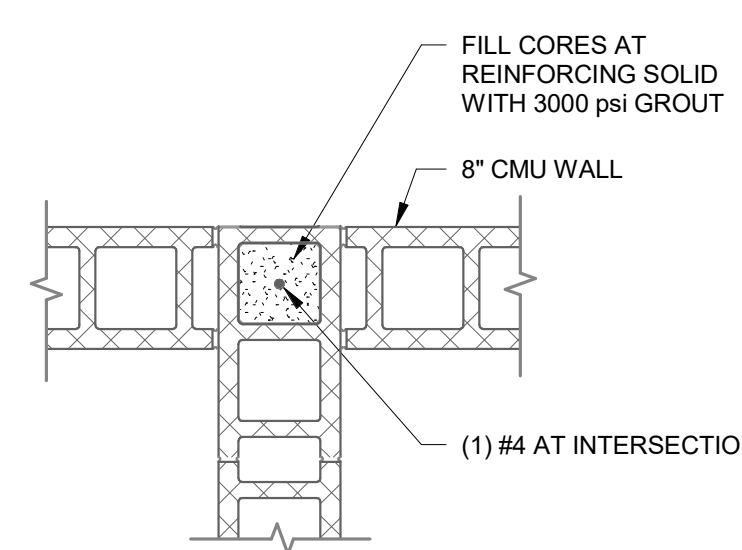
PROVIDE (1) #4 IN EACH OF CORE EACH SIDE OF OPENING



AT WALL CORNERS



AT WALL ENDS

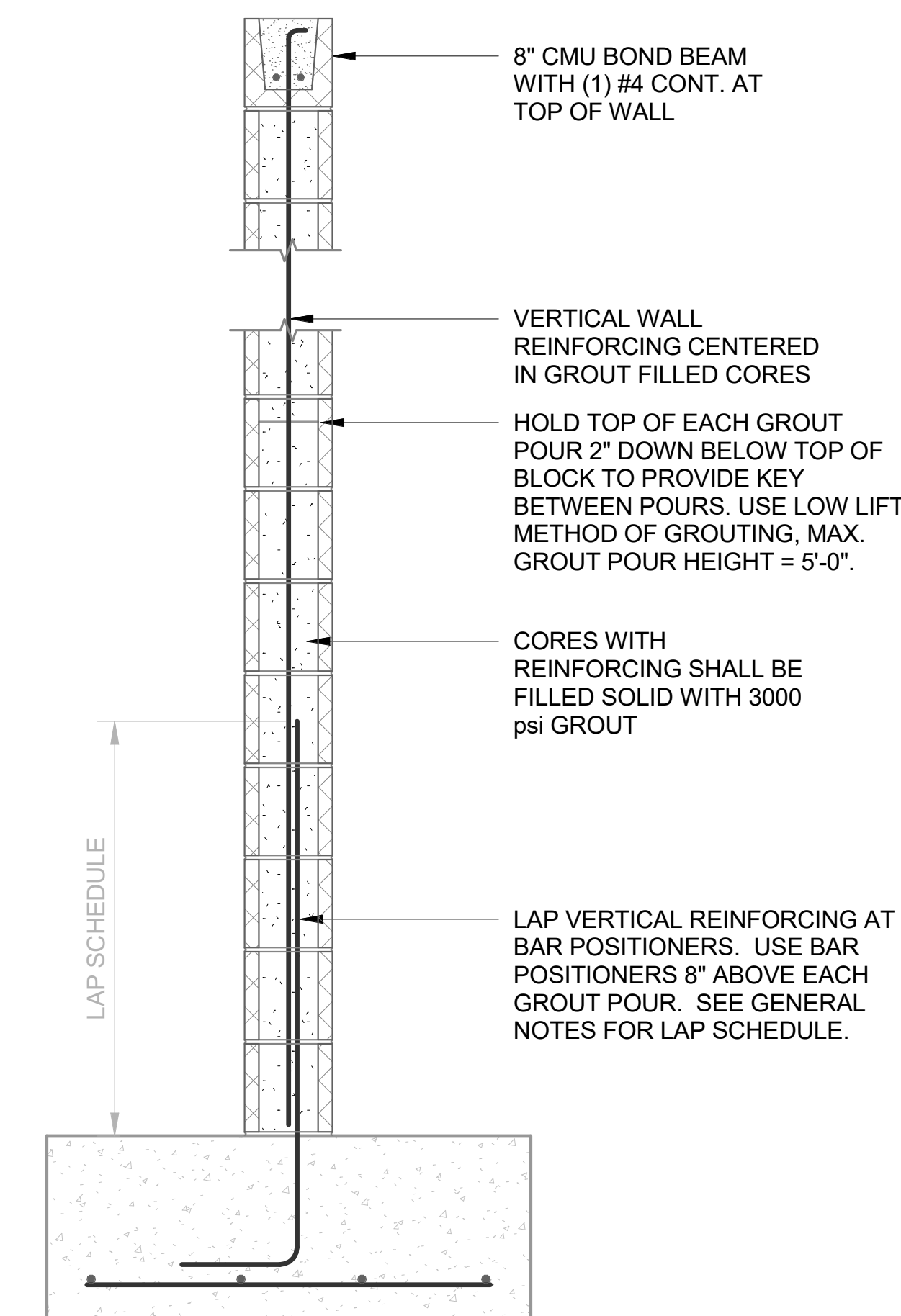


AT WALL INTERSECTIONS

10 TYPICAL REINFORCING AROUND MASONRY OPENING SCALE: 1" = 1'-0"

7 TYPICAL 8" CMU REINFORCING DETAILS SCALE: 1" = 1'-0"

8 TYPICAL 8" CMU WALL SECTION SCALE: 1" = 1'-0"



DATE	DESCRIPTION

3/17/2024 3:40:10 PM

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ROOF SYSTEMS

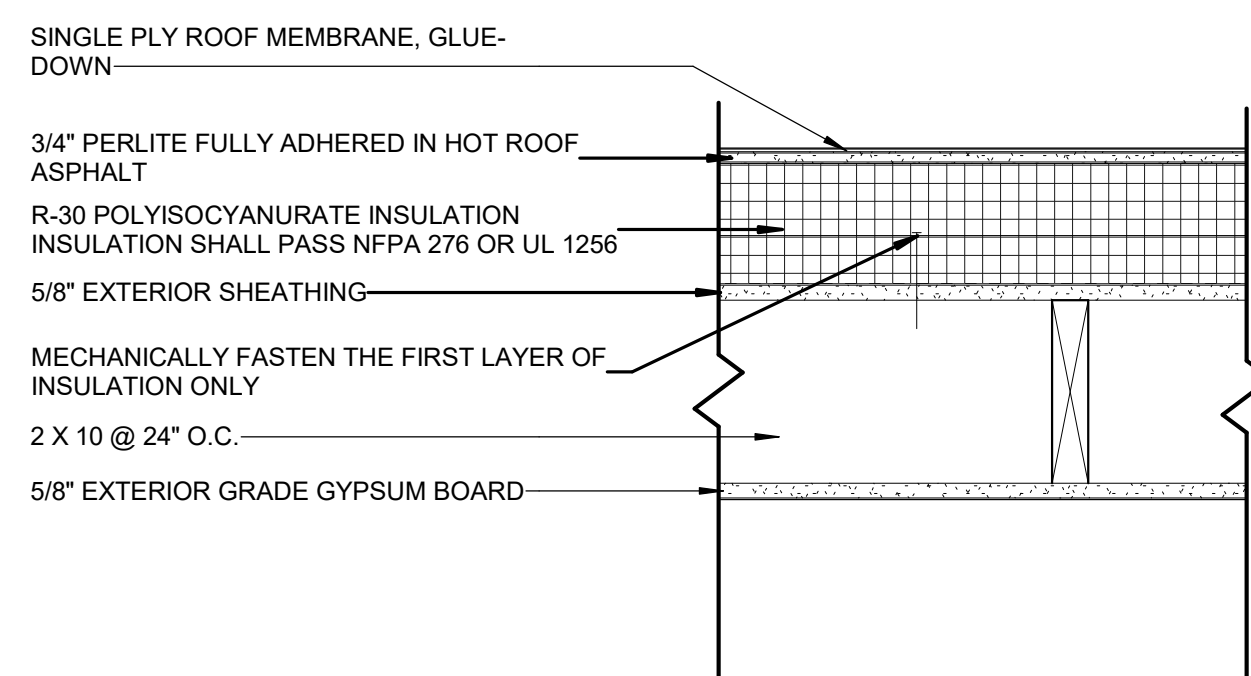
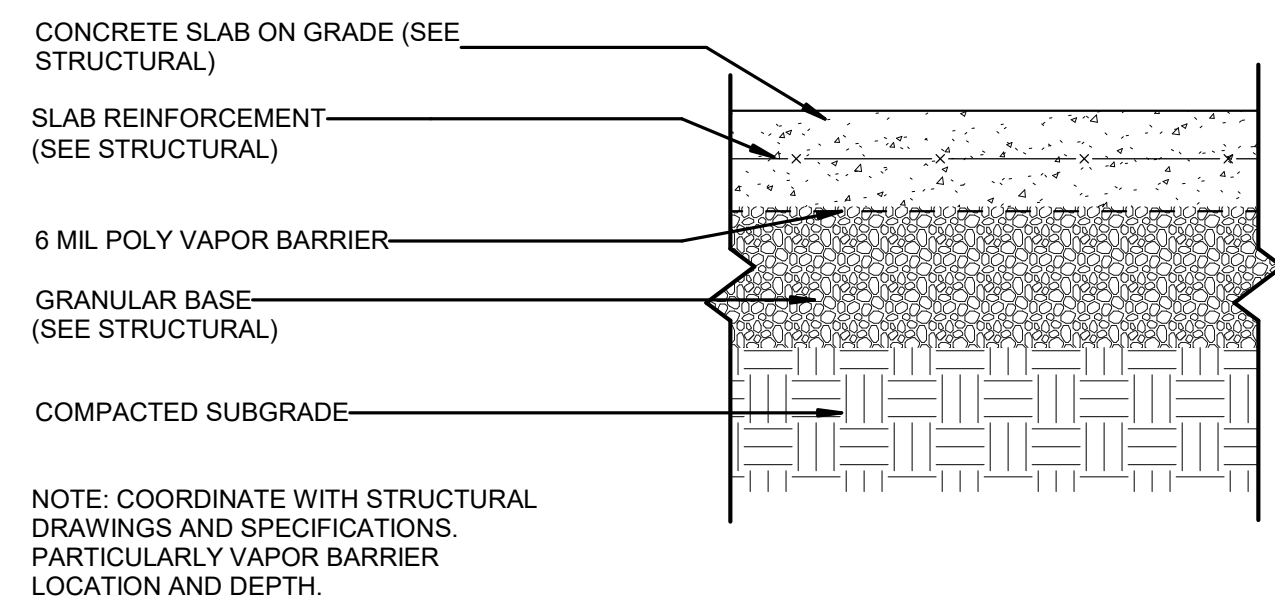


Table with 5 columns: FIRE RATING & REFERENCE, NON COMBUSTIBLE, SOUND RATING & REFERENCE, EFFECTIVE R-VALUE, R-30.1

R1 - SINGLY PLY ROOF MEMBRANE (NC)

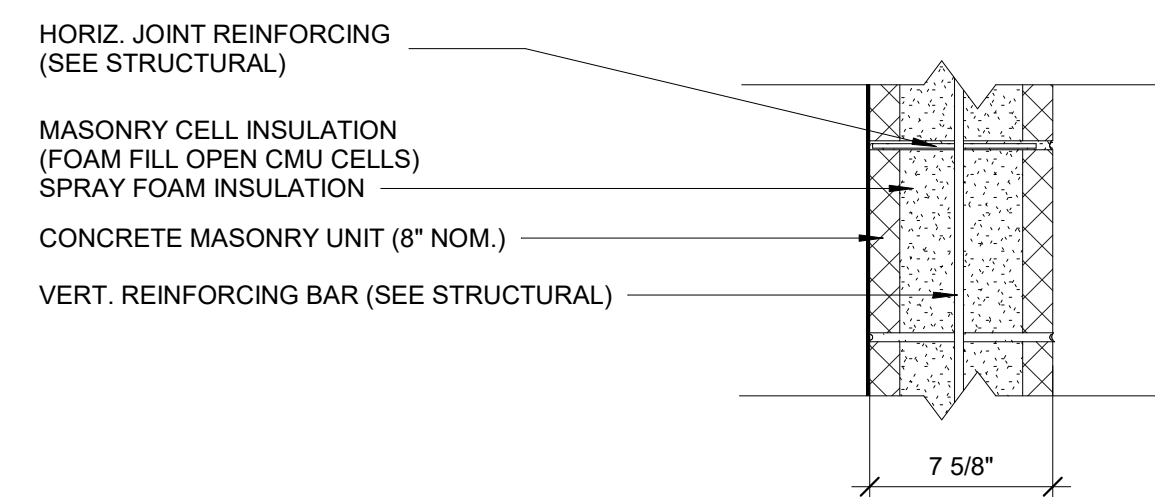
FLOOR SYSTEMS



NOTE: COORDINATE WITH STRUCTURAL DRAWINGS AND SPECIFICATIONS. PARTICULARLY VAPOR BARRIER LOCATION AND DEPTH.

S1 - CONCRETE SLAB ON GRADE

EXTERIOR WALL SYSTEMS



NOTE: REFER TO EXTERIOR ELEVATIONS FOR EXTENTS OF SPLITFACE AND SMOOTHFACE EXTERIOR CMU

W1 - 8" CMU WALL

PARTITION SYSTEMS

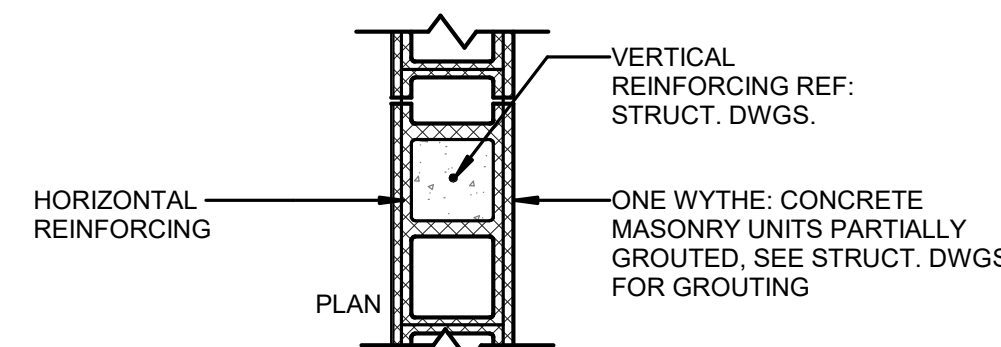
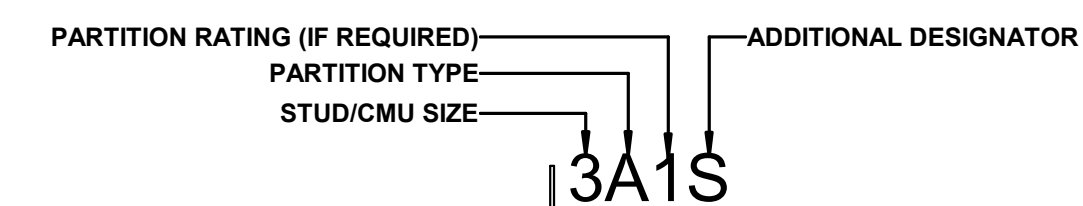


Table with 6 columns: TAG, BLOCK SIZE, OVERALL THICK, RATING, UL ASSEMBLY, STC

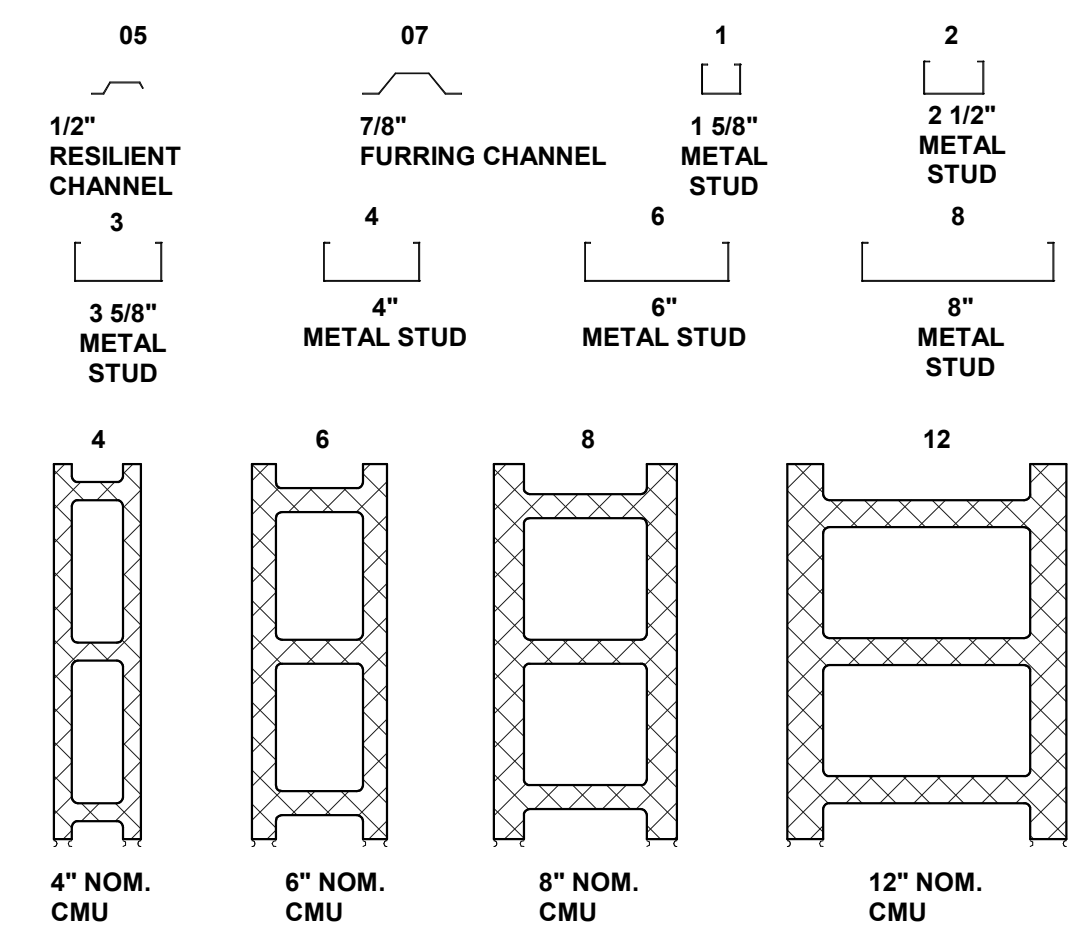
CONCRETE MASONRY UNIT (CMU)

1" = 1'-0"

PARTITION TAG KEY



PARTITION MATERIAL & SIZE



PARTITION TYPES LEGEND

- A - METAL STUD BALANCED WALL
C - METAL STUD CHASE WALL
F - METAL STUD FURRED WALL
M - CONCRETE MASONRY UNIT WALL

PARTITION FIRE RATING

- 30 - 30 MINUTES RATED FIRE PARTITION
1 - 1 HR RATED FIRE BARRIER, UNLESS W/ DESIGNATOR
2 - 2 HR RATED FIRE WALL, UNLESS W/ DESIGNATOR

ADDITIONAL DESIGNATORS

- D - NON-RATED EXTEND TO DECK ABOVE
J - IMPACT RESISTANT GWB PARTITION
S - SOUND ATTENUATION BLANKET IN STUD WALL OR ACOUSTIC FILL IN CMU WALL, PARTITION SHALL EXTEND TO ADJACENT WALLS AND STRUCTURE ABOVE, PROVIDE ACOUSTICAL SEALANT AT BOTTOM, TOP AND SIDES
G - FULLY GROUTED CMU
H - HALF WALL OR PARTIAL HEIGHT WALL

PARTITION NOTES

- 1. ALL NON-DESIGNATED PARTITIONS SHALL BE 8M.
2. FIRE RATED PARTITIONS SHALL EXTEND TO THE STRUCTURE ABOVE, SEE UL DETAILS FOR ADDITIONAL REQUIREMENTS
3. AT INTERIOR MASONRY PARTITIONS, PROVIDE BULLNOSE MASONRY UNITS FOR OUTSIDE VERTICAL CORNERS AND HORIZONTAL WINDOW STOOLS, EXCEPT AT FIRST COURSE AT FINISHED FLOOR, TOP COURSE AT CEILING, AND WHERE INDICATED OTHERWISE.

D

C

B

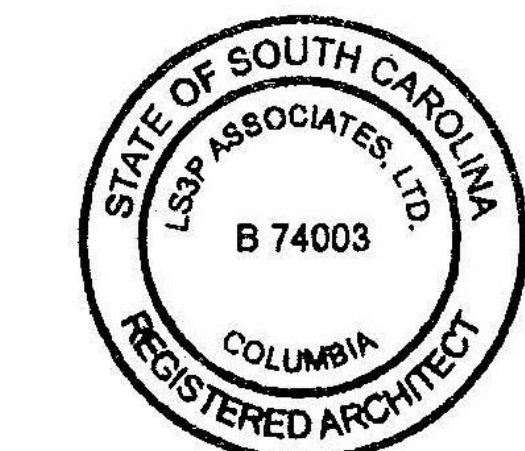
A



Lancaster County School District



701-A LADY STREET
COLUMBIA, SOUTH CAROLINA 29201
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LANCASTER HS BASEBALL RESTROOM
970 Stadium Dr, Lancaster, SC 29720
DISTRICT FIVE PROJECT: 2014-012
LS3P PROJECT: 2201-231926

Table with 2 columns: DATE, DESCRIPTION

SHEET NAME: CONSTRUCTION SUBSYSTEMS & PARTITION TYPES & DETAILS

ORIG SUBMISSION: 07/25/24

SHEET: A-001

CONSTRUCTION DOCUMENTS

THESE DRAWINGS ARE EXACTLY  
AS SHOWN AND NOT TO BE  
CONSIDERED AS SUCH

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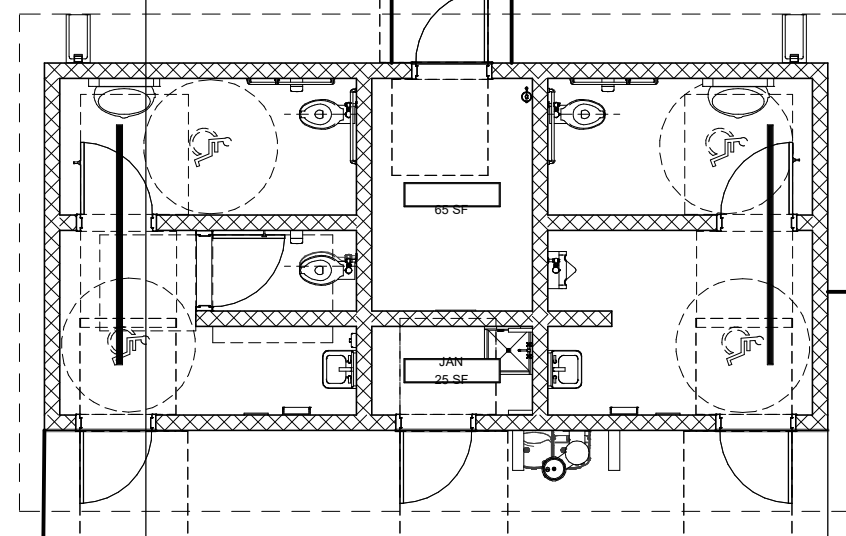
A

8" MAP

11" TH

EXISTING  
1-STORY FIELD  
BUILDING

EXISTING  
2-STORY  
PRESSBOX  
BUILDING



25' BUILDING  
SETBACK

PRES. 33' RW



**B1 ARCHITECTURAL SITE PLAN**  
1/8" = 1'-0"

**SITE PLAN SHEET NOTES**

1. xxx

**SITE PLAN GENERAL NOTES**

A. THIS SHEET IS FOR REFERENCE ONLY. REFER TO CIVIL DRAWINGS FOR  
ADDITIONAL SITE IMPROVEMENTS.



Lancaster  
County School  
District



701-A LADY STREET  
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**LANCASTER HS  
BASEBALL RESTROOM**

970 Stadium Dr, Lancaster, SC 29720

DISTRICT FIVE PROJECT: 2014-012  
LS3P PROJECT: 2201-231926

DATE	DESCRIPTION

SHEET NAME:  
ARCHITECTURAL  
SITE PLAN

ORIG SUBMISSION: 07/25/24

SHEET:  
**A-050**

CONSTRUCTION DOCUMENTS

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THESE DIMENSIONS ARE EXACTLY ONE INCH EQUALS ONE FOOT UNLESS OTHERWISE NOTED

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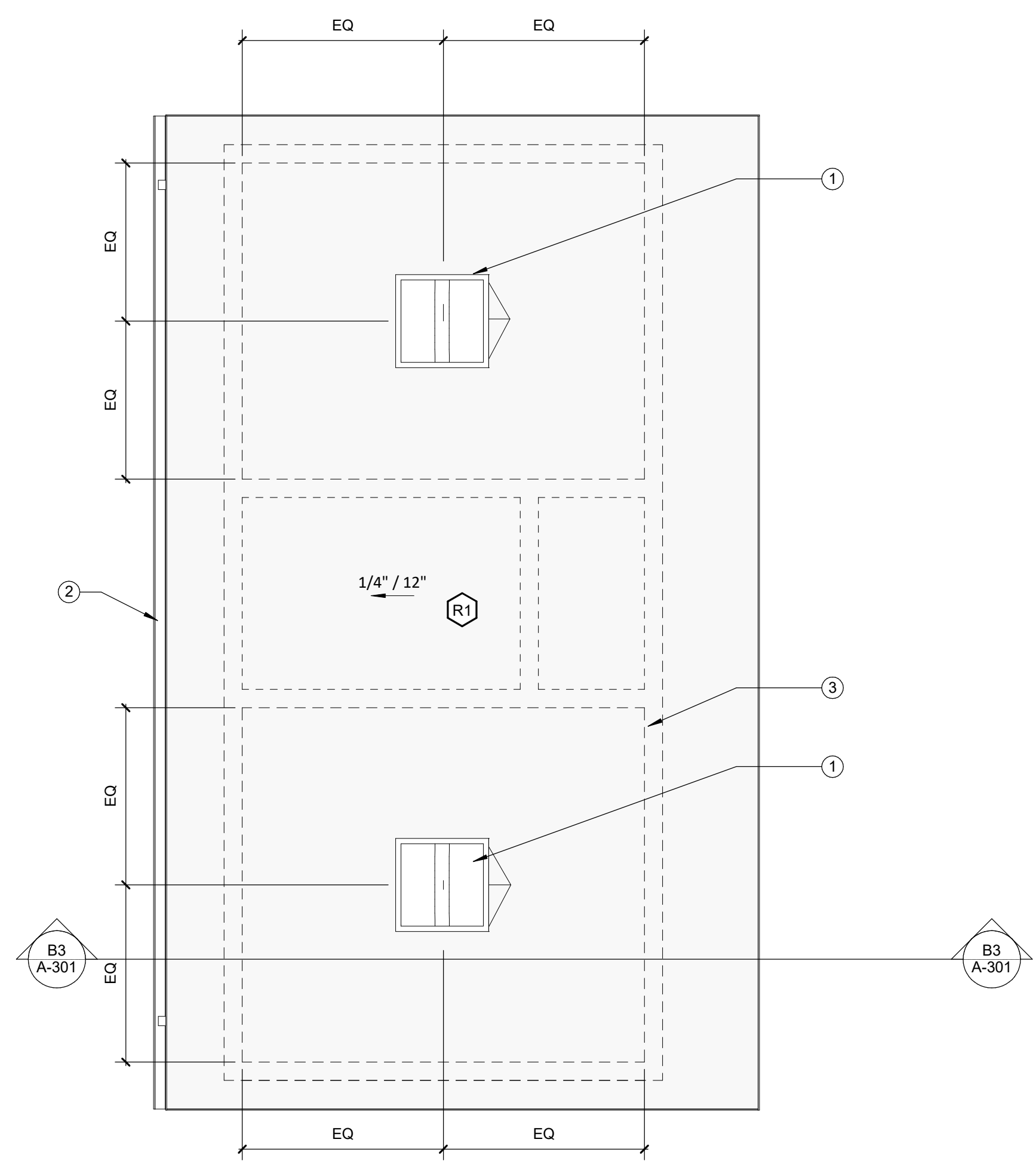
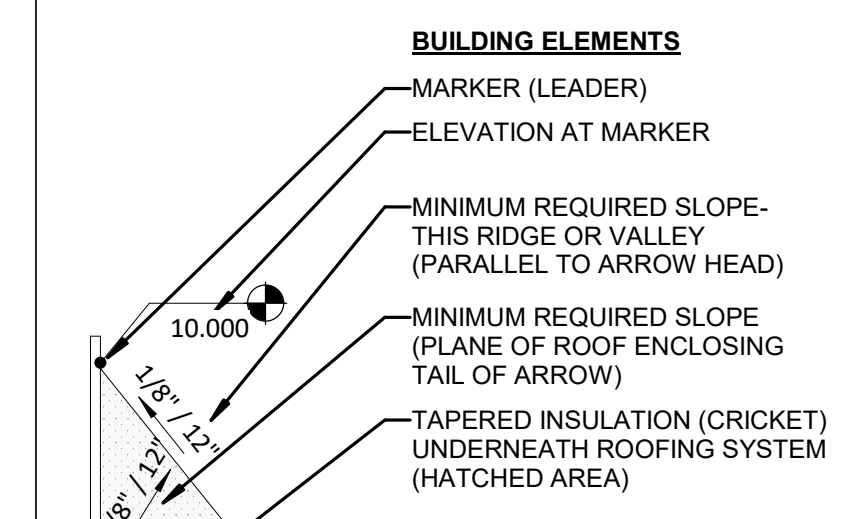
ROOF PLAN GENERAL NOTES

- A. SEE A-101 FOR SHEET-SPECIFIC GRAPHICS & SYMBOLS.
- B. LOCATIONS AND SIZES OF MECHANICAL EQUIPMENT ARE APPROXIMATE. COORDINATE WITH STRUCTURAL, MECHANICAL PLAN AND EQUIPMENT SHOP DRAWINGS.
- C. SEE PLUMBING DRAWINGS FOR VENTS THROUGH ROOF LOCATIONS.
- D. SEE STRUCTURAL DRAWINGS FOR DESIGN LOAD REQUIREMENTS.
- E. SLOPE ALL COPINGS BACK TO ROOF UNO.
- F. WOOD BLOCKING SHOWN IN ROOF DETAILING SHALL BE PRESERVATIVE TREATED. USE FASTENERS COMPATIBLE WITH PRESERVATIVE TREATED WOOD.
- G. EXTEND ALL PENETRATIONS, CURBS, AND COMPONENTS A MINIMUM OF 8" ABOVE THE ROOF SURFACE. PROVIDE 12" CLEAR DISTANCE BETWEEN PENETRATIONS AND TO ANY VERTICAL SURFACE.
- H. IF NOT DETAILED, APPLY MOST STRINGENT CONDITION OF NRCA AND SMACNA (CURRENT EDITIONS) STANDARDS FOR ROOF DETAIL CONDITIONS.

ROOF PLAN SHEET NOTES

- 1. 2' X 2' FIXED SKYLIGHT.
- 2. CONTINUOUS 4" WIDE GUTTER AND DOWNSPOUTS.
- 3. DENOTES BEARING WALLS BELOW.

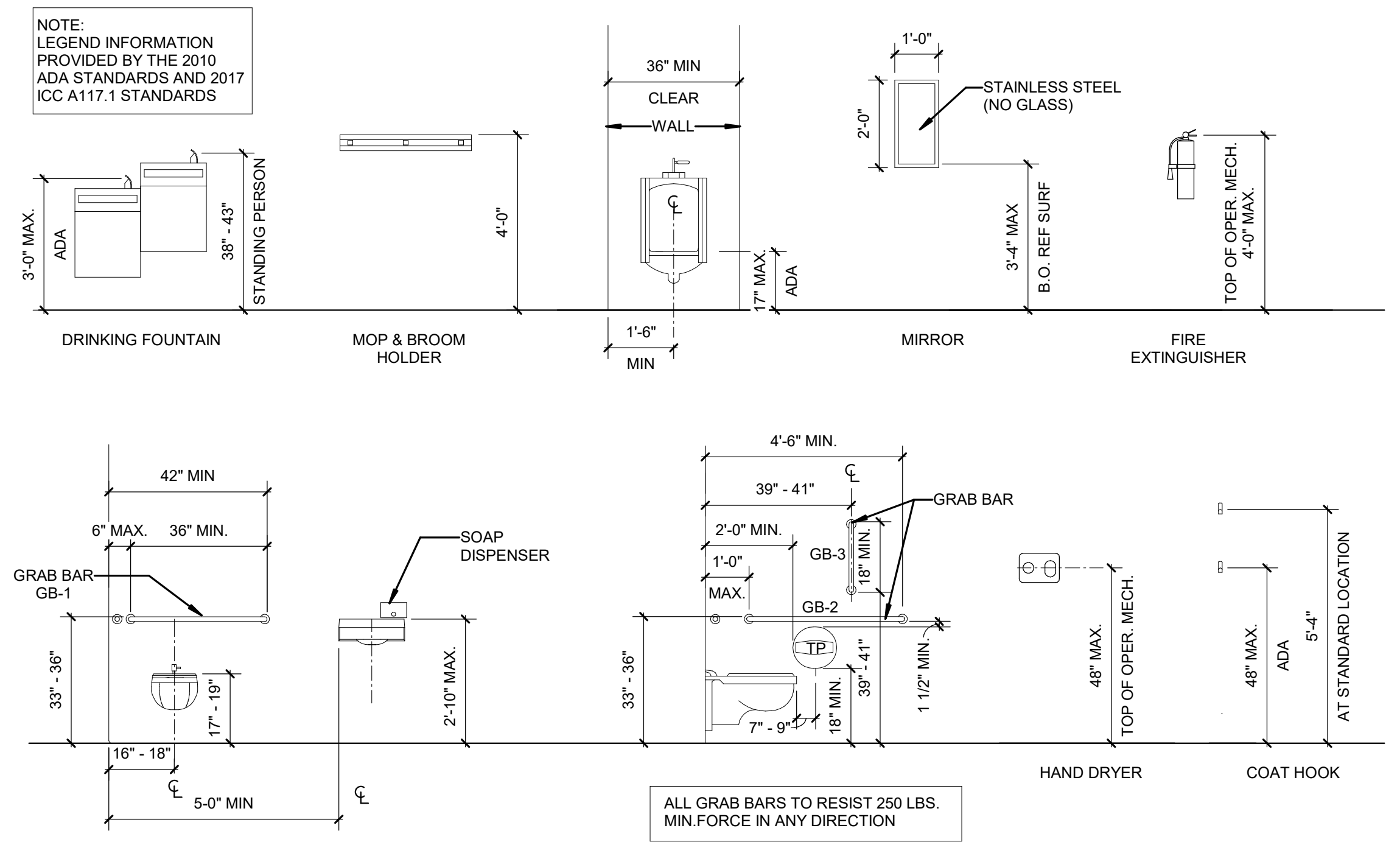
ROOF PLAN LEGEND



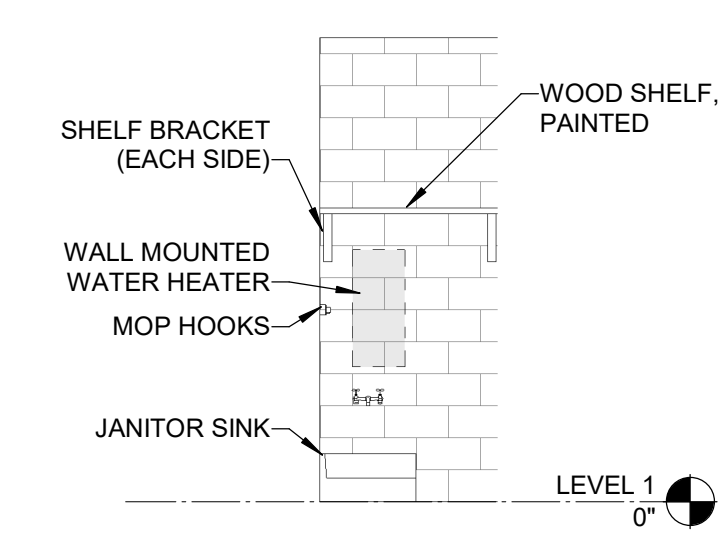
C4 ROOF PLAN  
1/4" = 1'-0"

RESTROOM ACCESSORIES

TAG	DESCRIPTION	REMARKS
CH	COAT HOOK	
CS	BABY CHANGING STATION	
GB-1	GRAB BAR- HORIZONTAL- 36"	
GB-2	GRAB BAR- HORIZONTAL- 42"	
GB-3	GRAB BAR- VERTICAL- 18"	
HD	HAND DRYER	
MH	MOP AND BROOM HOLDER	
MI	MIRROR - 12 X 24	
SD	SOAP DISPENSER	-OFCI
TP	TP DISPENSER	-OFCI
TR	TRASH RECEPTACLE	-OFCI



C2 MOUNTING HEIGHTS - RESTROOMS  
3/8" = 1'-0"



C1 INTERIOR ELEVATION - JAN.  
1/4" = 1'-0"

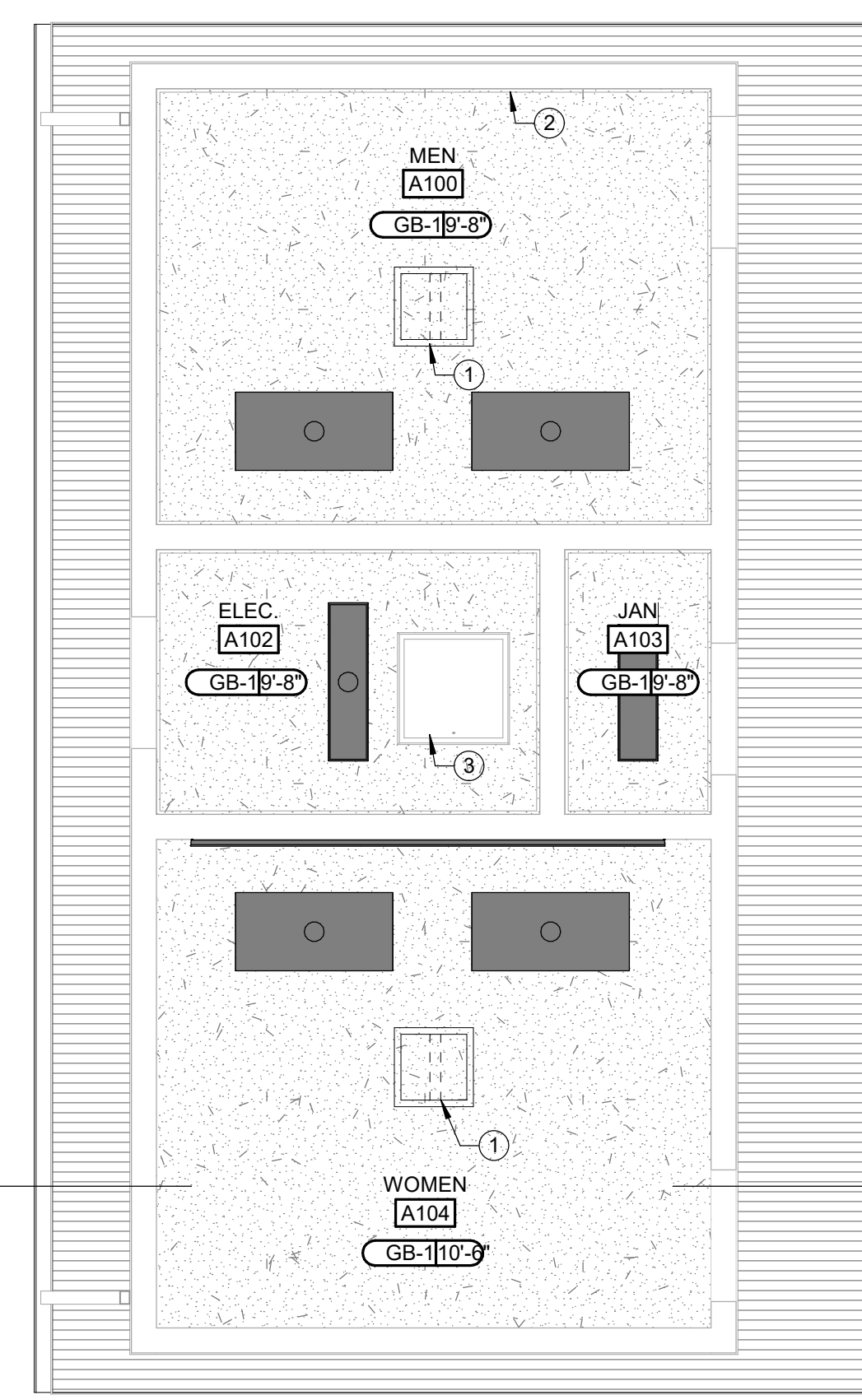
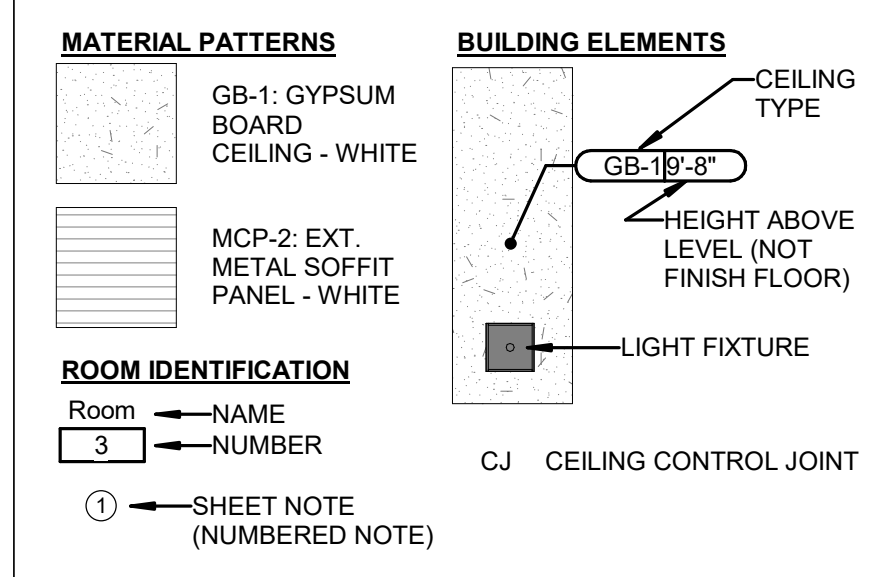
RCP GENERAL NOTES

- A. PROVIDE SEISMIC RESTRAINT OF SUSPENDED CEILING SYSTEMS IN SITE CLASSIFICATIONS C, D, E & F.
- B. INTERIOR DIMENSIONS INDICATED ARE TO FACE OF STUD, FACE OF MASONRY AND CENTERLINES OF COLUMNS, UNO.
- C. SEE ELECTRICAL, FIRE ALARM AND FIRE PROTECTION DRAWINGS FOR SPECIAL SYSTEMS, SMOKE DETECTORS, LIGHTING AND WALL MOUNTED FIXTURES NOT SHOWN ON THIS SHEET. COORDINATE LOCATIONS OF ALL FIXTURES NOT INDICATED WITH LAYOUT INDICATED ON THIS SHEET.
- D. LIGHT FIXTURES AND MECHANICAL DIFFUSERS ARE SHOWN FOR POSITIONING IN FINISH CEILING SYSTEM. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR FIXTURE TYPES, MECHANICAL DIFFUSERS, WALL MOUNTED FIXTURES AND INSTALLATION OF FIXTURES IN SPACES WITHOUT CEILINGS. (LIGHTING AND HVAC DIFFUSERS ARE SHOWN FOR COORDINATION ONLY - SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION).
- E. LOCATE MECHANICAL GRILLES AND DIFFUSERS SHOWN IN CORNERS OR NEAR WALL TO 12" OFF WALLS, UNO.
- F. PROVIDE AND INSTALL CEILING ACCESS PANEL IN GYPSUM BOARD CEILINGS AT DEVICES REQUIRING ACCESS INCLUDING BUT NOT LIMITED TO BALANCING DAMPERS, SMOKE DETECTORS, VAV CONTROLS, PLUMBING VALVES, ELECTRICAL JUNCTION BOXES, ETC. MINIMIZE ACCESS DOORS WHERE POSSIBLE.
- G. HEIGHT OF GYPSUM BOARD SOFFITS SHALL BE 1" BELOW HEIGHT OF ADJACENT CEILING(TYP) UNLESS NOTED OTHERWISE.
- H. INDIVIDUAL TRADE COMPONENTS, INCLUDING BUT NOT LIMITED TO LIGHT FIXTURE WHIPS, FLEXIBLE FIRE PROTECTION PIPING, LOW VOLTAGE WIRING, ETC. SHALL NOT BE SUPPORTED BY ACOUSTICAL CEILING SYSTEM.

RCP SHEET NOTES

- 1. SKYLIGHT WITH 1 X 3 PAINTED WOOD CEILING TRIM
- 2. PERIMETER 1 X 3 PAINTED WOOD CEILING TRIM.
- 3. 2'-6" X 2'-6" CEILING ACCESS PANEL.

RCP LEGEND



A2 REFLECTED CEILING PLAN  
1/4" = 1'-0"

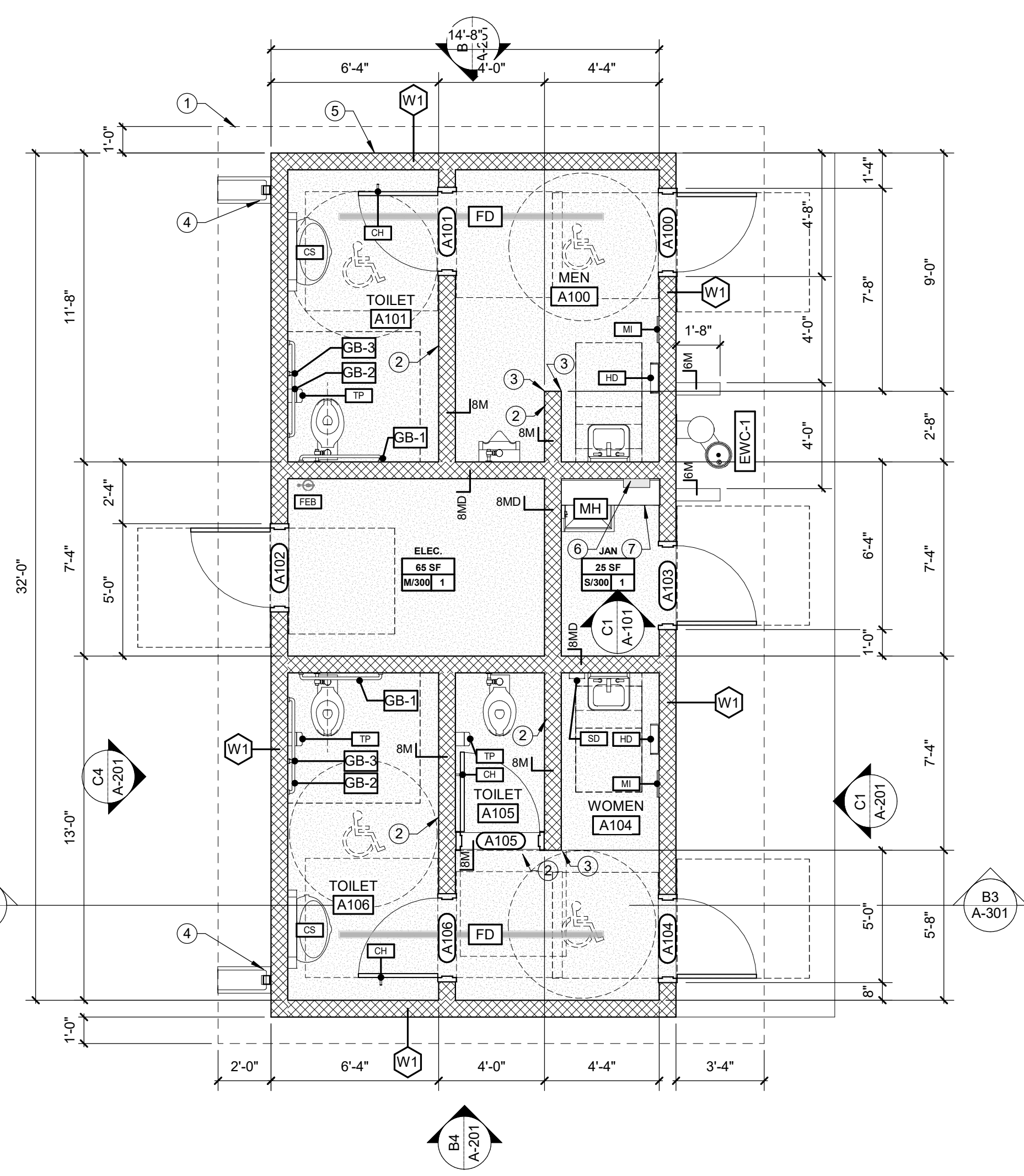
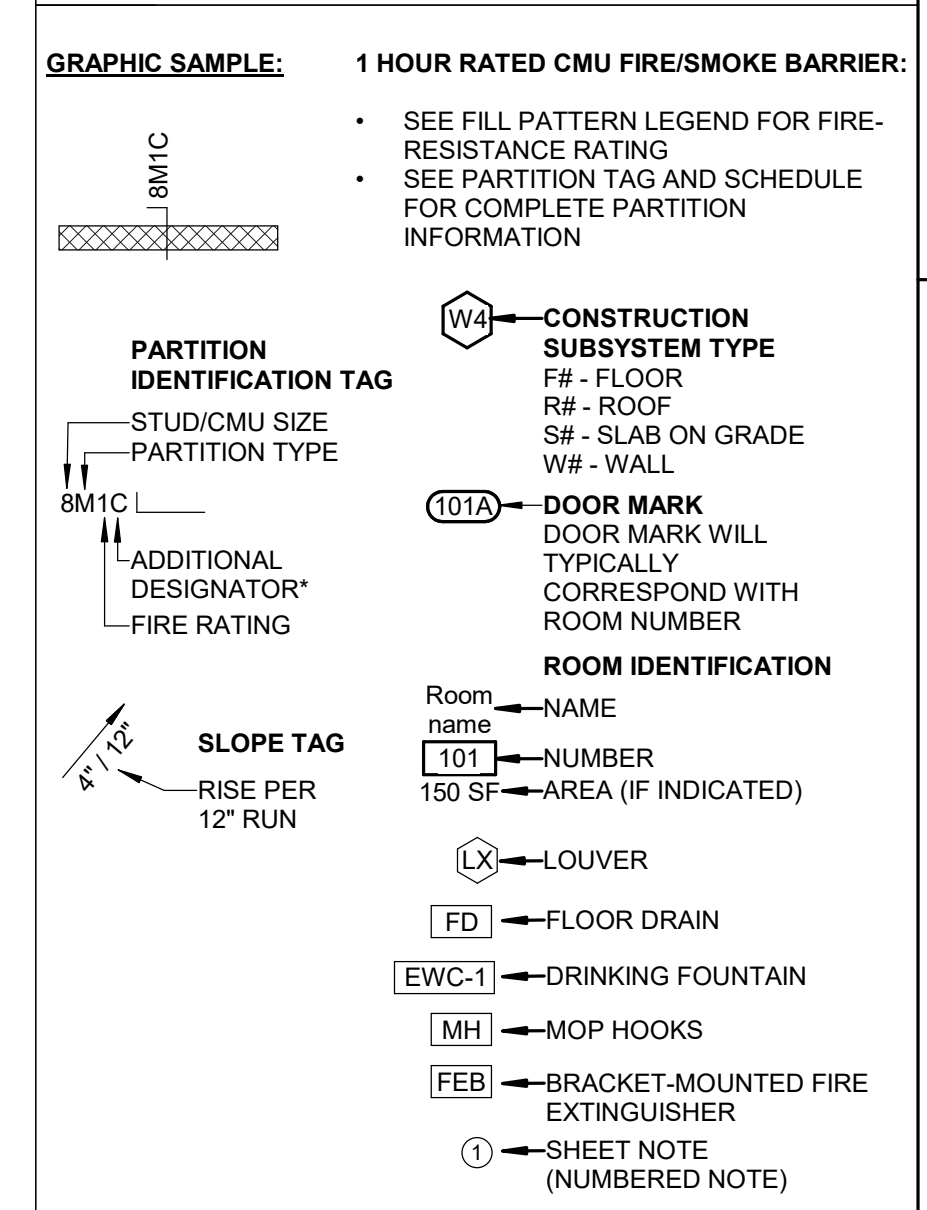
FLOOR PLAN GENERAL NOTES

- A. EXTERIOR DIMENSIONS AT MASONRY VENEER ARE COURSING, NOT ACTUAL AND ARE TO FACE OF MASONRY.
- B. INTERIOR DIMENSIONS INDICATED ARE TO FACE OF STUD, FACE OF MASONRY AND CENTERLINES OF COLUMNS, UNO.
- C. LOCATE DOOR OPENINGS 4" FROM NEAREST PERPENDICULAR WALL, UNO.
- D. SEE SHEET A-301 FOR CONSTRUCTION SUBSYSTEMS AND PARTITIONS.
- E. SEE STRUCTURAL DRAWINGS FOR SLAB DEPRESSIONS AND CUTOUTS.
- F. SEE BUILDING ELEVATION DRAWINGS FOR LOCATION OF EXTERIOR MASONRY CONTROL JOINTS.
- G. FIELD VERIFY LOCATION OF INTERIOR WALL & CEILING CONTROL JOINTS REQUIRED IN THE SPECIFICATION WITH ARCHITECT PRIOR TO INSTALLATION.

FLOOR PLAN SHEET NOTES

- 1. ROOF OUTLINE ABOVE
- 2. 8' TALL CMU PARTITION
- 3. RADIUS EDGE CMU
- 4. DOWNSPOUTS TO PLASTIC SPLASH BLOCK. SEE CIVIL DRAWINGS
- 5. EXTERIOR ELEVATIONS INDICATE AREAS OF SPLITFACE AND SIMOOTHFACE
- 6. WALL-MOUNTED WATER HEATER. SEE PLUMBING.
- 7. 12" DEEP WOOD SHELF (PAINTED) - ABOVE

FLOOR PLAN LEGEND



A4 FLOOR PLAN  
1/4" = 1'-0"

SHEET NAME:  
FLOOR,  
REFLECTED  
CEILING & ROOF  
PLAN

ORIG SUBMISSION: 07/25/24

SHEET:  
A-101

CONSTRUCTION DOCUMENTS

7/25/2024 12:24:12 PM

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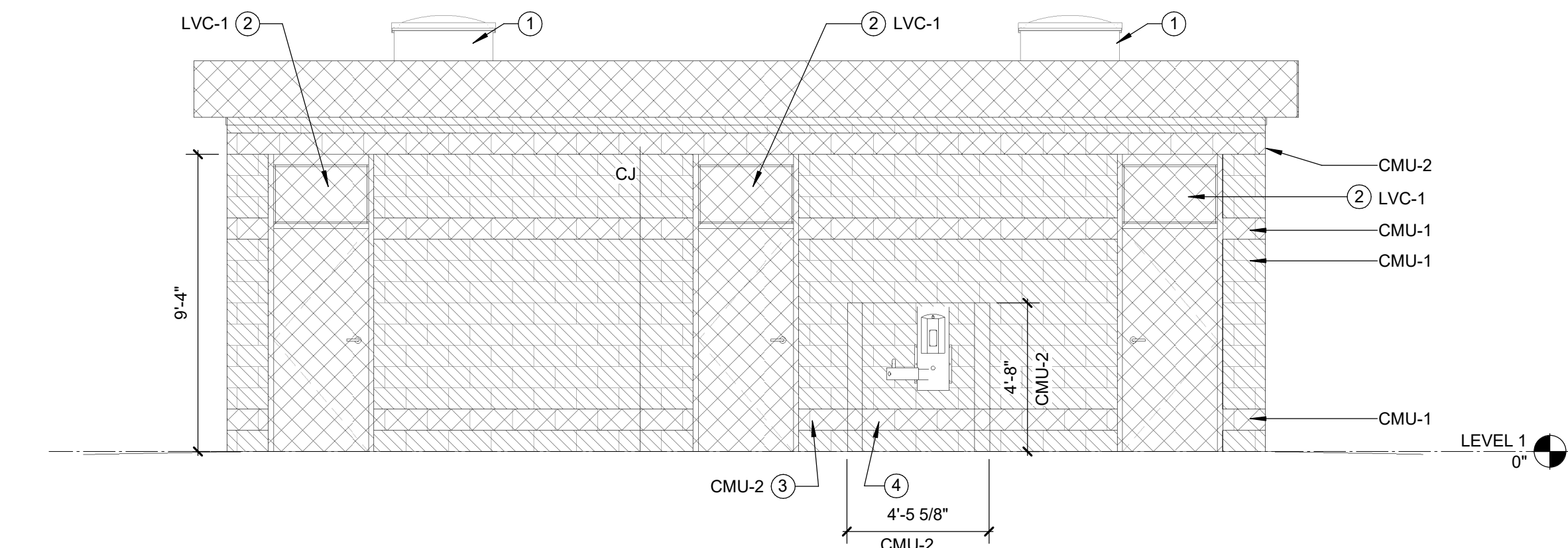
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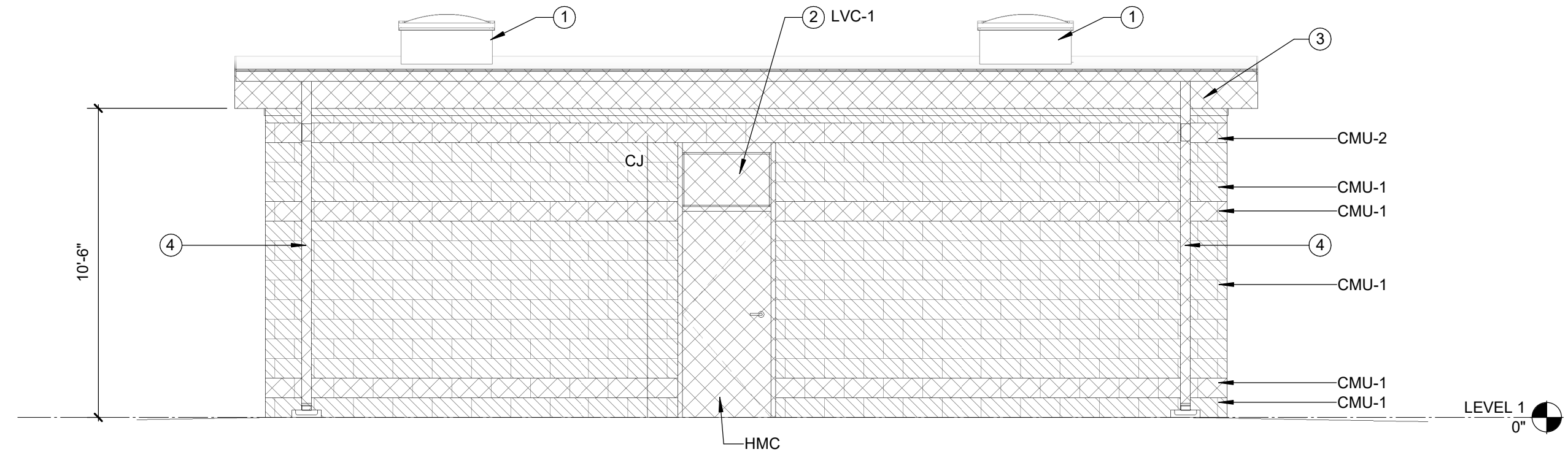
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B

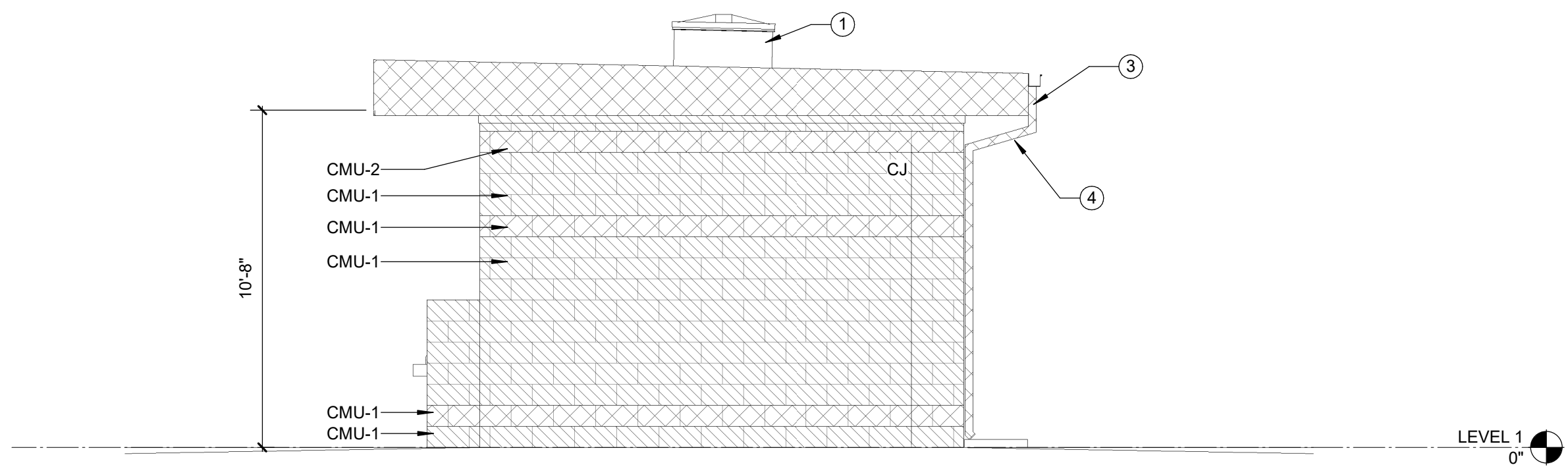
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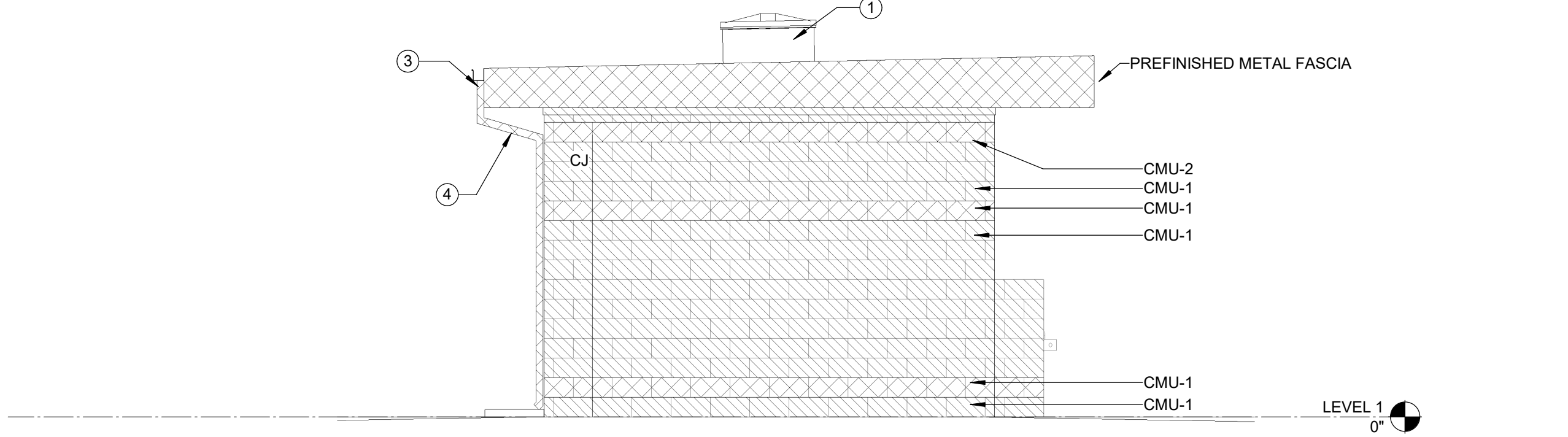
C1 FRONT ELEVATION  
1/4" = 1'-0"



C4 RIGHT-SIDE ELEVATION  
1/4" = 1'-0"



B1 REAR ELEVATION  
1/4" = 1'-0"



B4 LEFT-SIDE ELEVATION  
1/4" = 1'-0"

EXTERIOR ELEVATION GENERAL NOTES

- A. ALL EXTERIOR FINISHES AND COLORS SUBJECT TO ARCHITECT'S APPROVAL.

EXTERIOR ELEVATION SHEET NOTES

- 1. FIXED SKYLIGHT
- 2. LOUVER WITHIN DOOR FRAME TRANSOM
- 3. PREFINISHED METAL GUTTER
- 4. PVC DOWNSPOUT TO SPLASH BLOCK - SEE CIVIL DRAWINGS

EXTERIOR ELEVATION LEGEND



EXTERIOR FINISH SCHEDULE

TAGS	DESCRIPTION	SECTION	BASIS OF DESIGN	COLOR/TEXTURE	REMARKS
CMU-1	CMU - SPLIT FACED	042000	SHERWIN-WILLIAMS	REFER TO ELEVATIONS FOR AREAS OF PAINT COLORS #1 & #2	
CMU-2	CMU - SMOOTH FACED	042000	SHERWIN-WILLIAMS	REFER TO ELEVATIONS FOR AREAS OF PAINT COLORS #1 & #2	
DS-1	DOWNSPOUT & GUTTER COLOR #1	076200	REFER TO SPECIFICATIONS	MATCH PAINT COLOR #2	
FLA-1	SHEET METAL FLASHING AND TRIM COLOR #1	076200	SHERWIN-WILLIAMS	MATCH PAINT COLOR #2	
HMC-1	HOLLOW METAL COLOR #1	081113	SHERWIN-WILLIAMS	MATCH PAINT COLOR #2	
LVC-1	LOUVERS & VENTS COLOR #1	089119	REFER TO SPECIFICATIONS	MATCH PAINT COLOR #2	
MCP-3	METAL SOFFIT PANEL	074293	MCELROY METAL	WHITE	

SHEET NAME:  
EXTERIOR ELEVATIONS

ORIG SUBMISSION: 07/25/24

SHEET:  
A-201

THESE DIMENSIONS ARE EXACTLY  
ONE HUNDRED AND SIXTYEIGHT  
THIRTY TWO POINT SEVEN  
FOUR MILLIMETERS

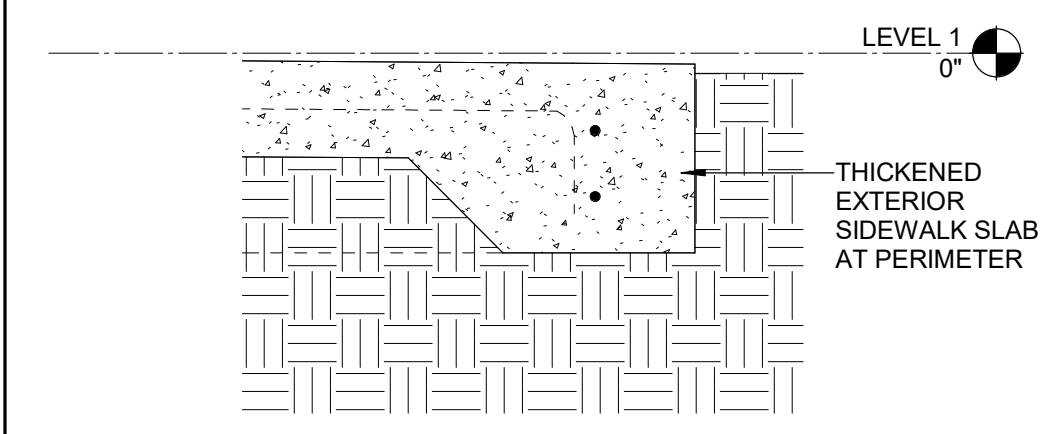
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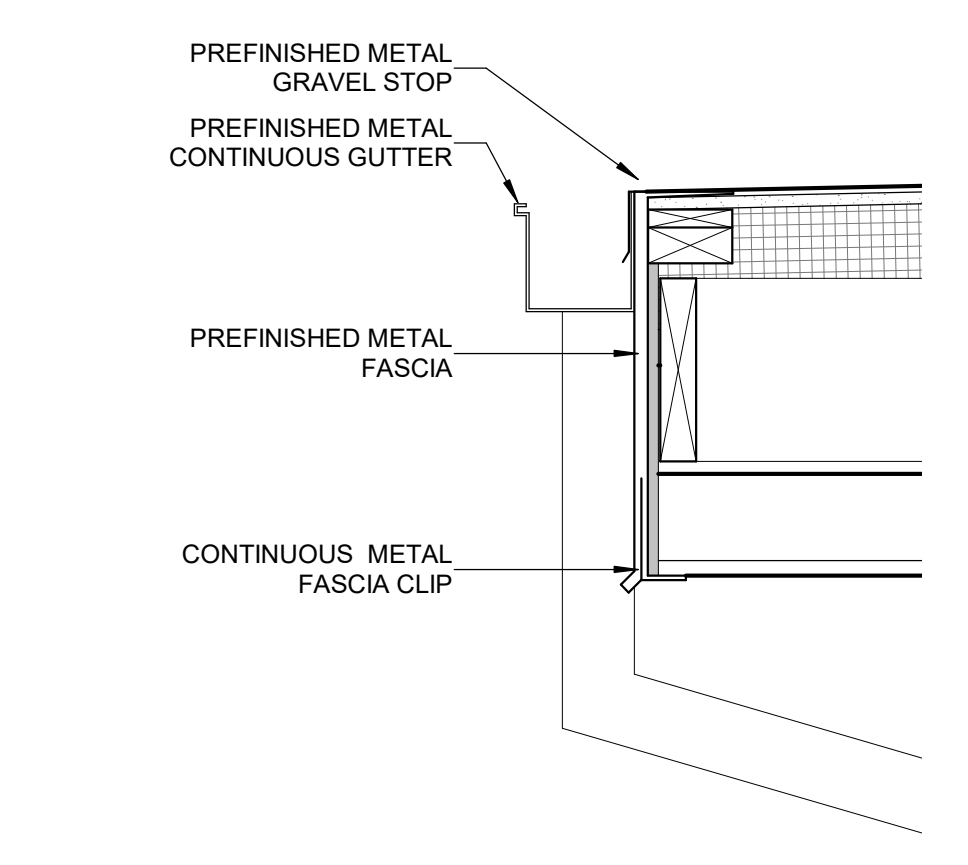
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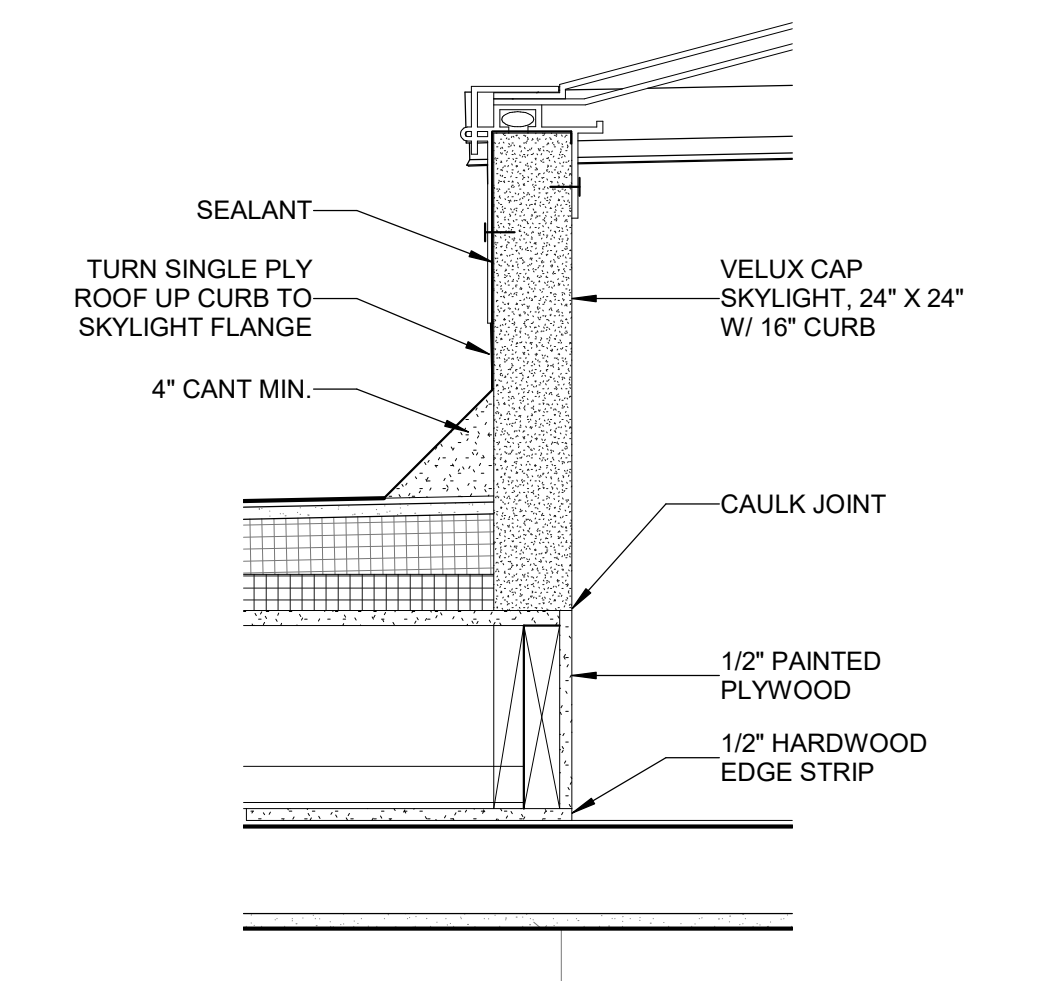
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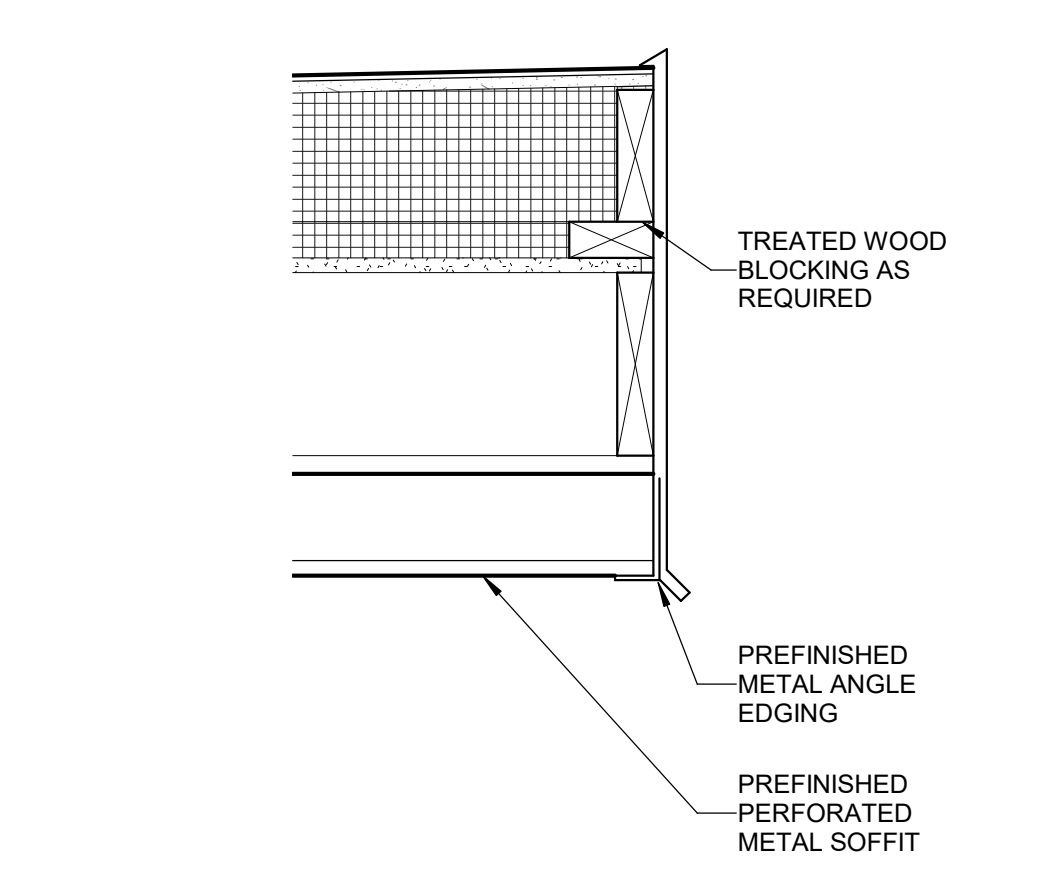
**E3 SIDEWALK DETAIL**  
1 1/2" = 1'-0"



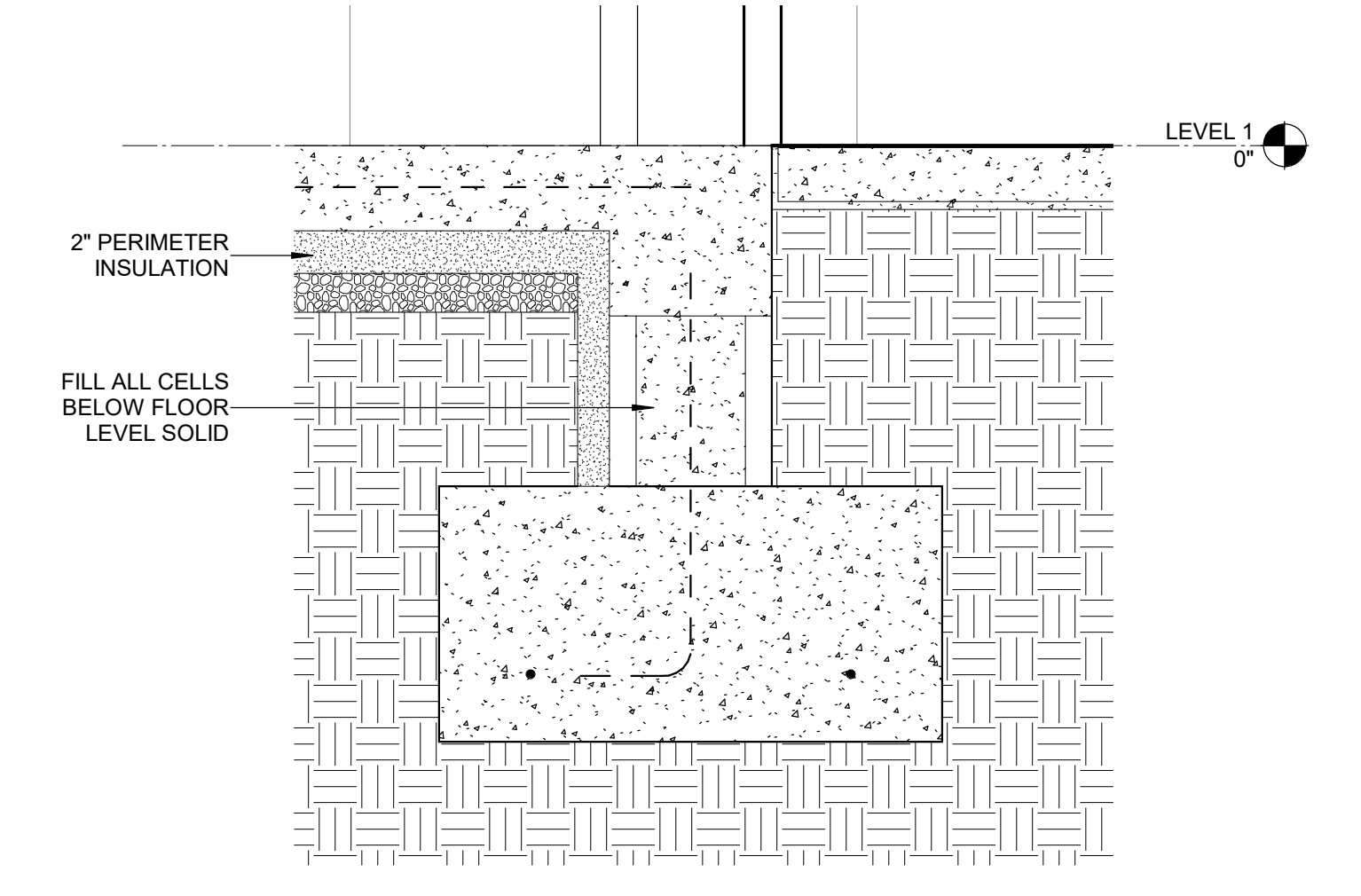
**D4 EAVE DETAIL AT GUTTER**  
1 1/2" = 1'-0"



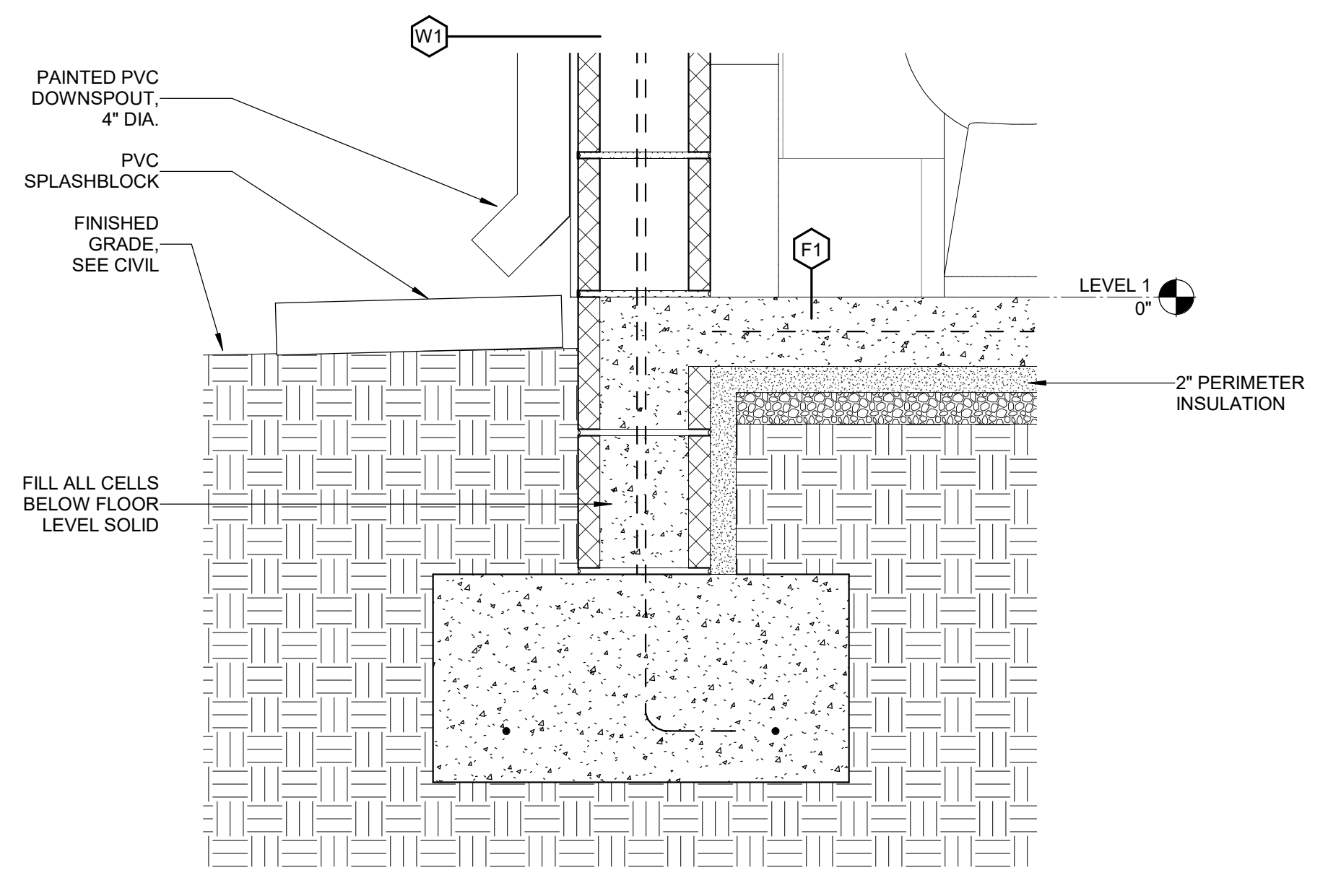
**D5 SKYLIGHT DETAIL**  
1 1/2" = 1'-0"



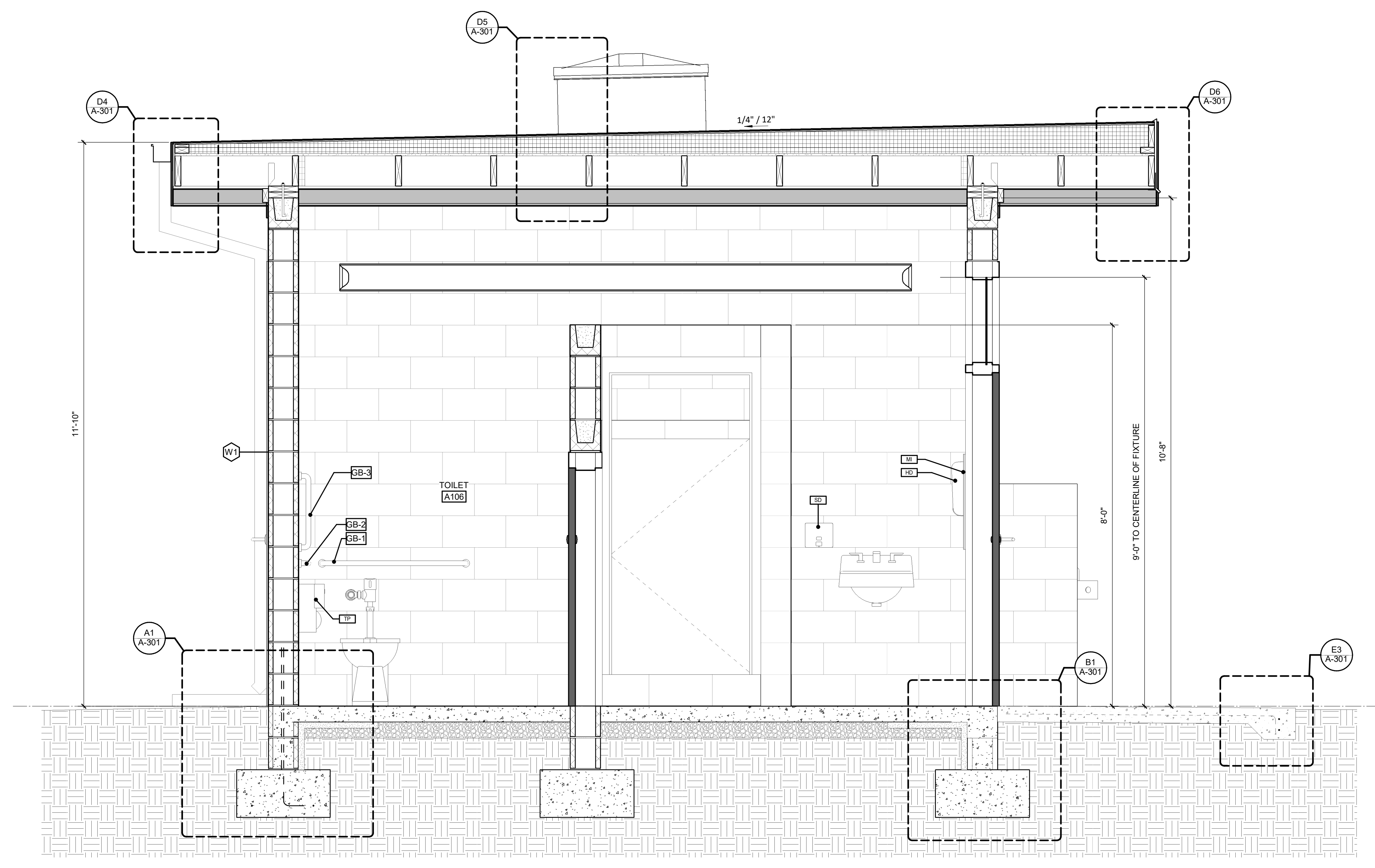
**D6 EAVE DETAIL**  
1 1/2" = 1'-0"



**B1 FOOTING DETAIL @ DOOR**  
1 1/2" = 1'-0"



**A1 FOOTING DETAIL @ WALL**  
1 1/2" = 1'-0"



**B3 BUILDING SECTION**  
3/4" = 1'-0"

**GENERAL NOTES**

- SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION CONCERNING FINISHED FLOOR AND GRADING ELEVATIONS.
- SEE STRUCTURAL DRAWINGS FOR FOOTING DEPTHS AND SPECIFIC CONCRETE REINFORCING REQUIREMENTS.
- REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR MATERIAL COLORS AND FINISHES.

DATE	DESCRIPTION

SHEET NAME:  
**BUILDING SECTIONS**

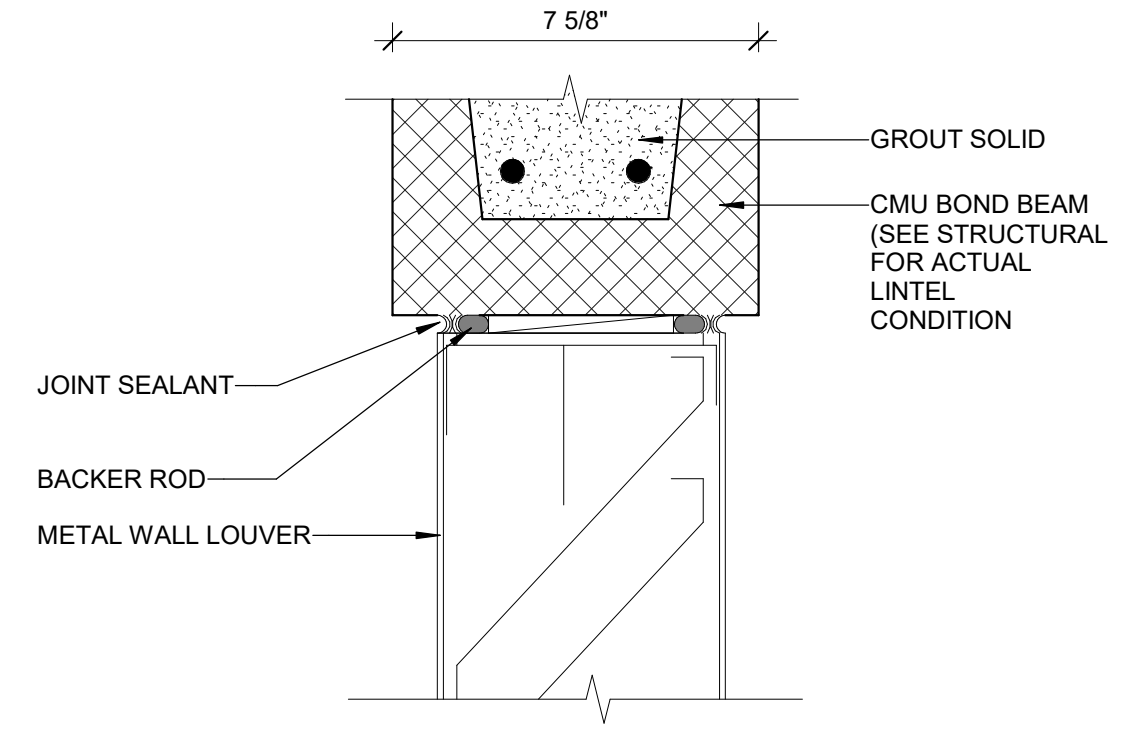
ORIG SUBMISSION: 07/25/24

SHEET:  
**A-301**

7/25/2024 12:24:28 PM

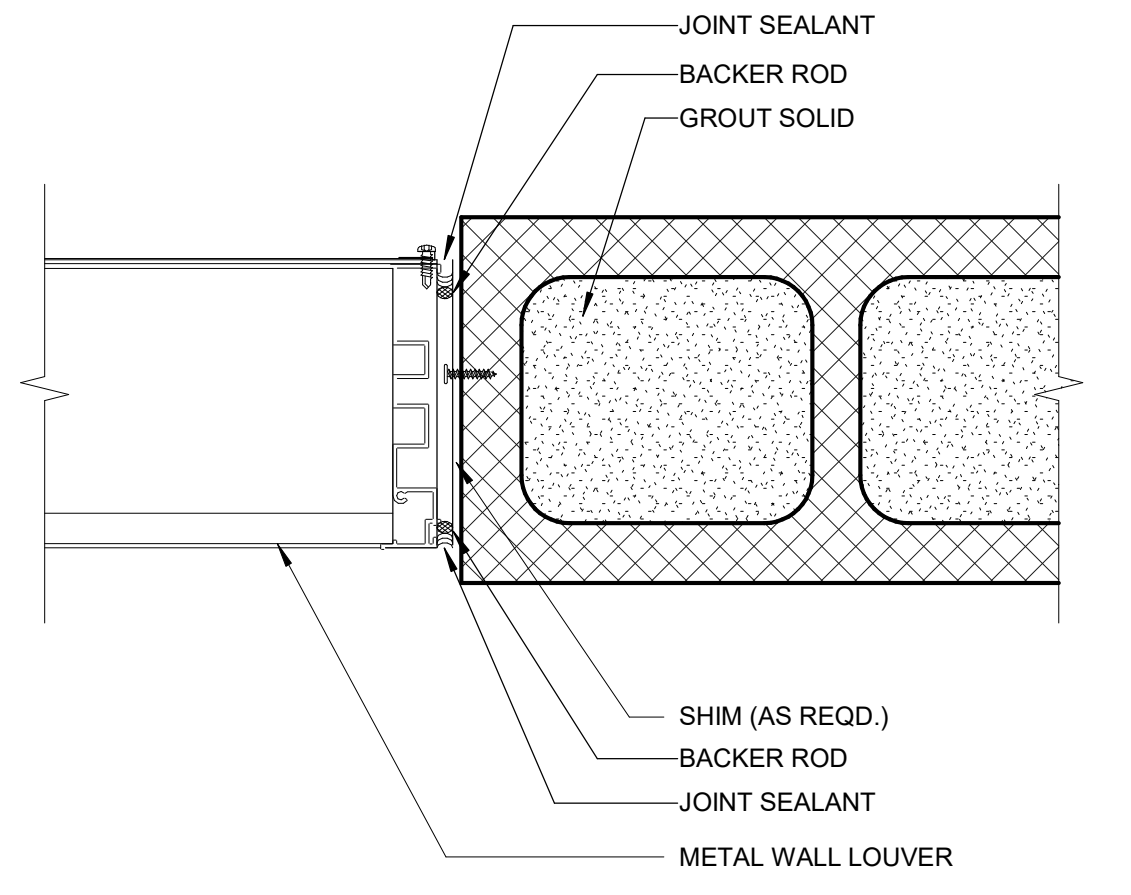
THESE DIMENSIONS ARE EXACTLY AS SHOWN ON THIS SHEET

E



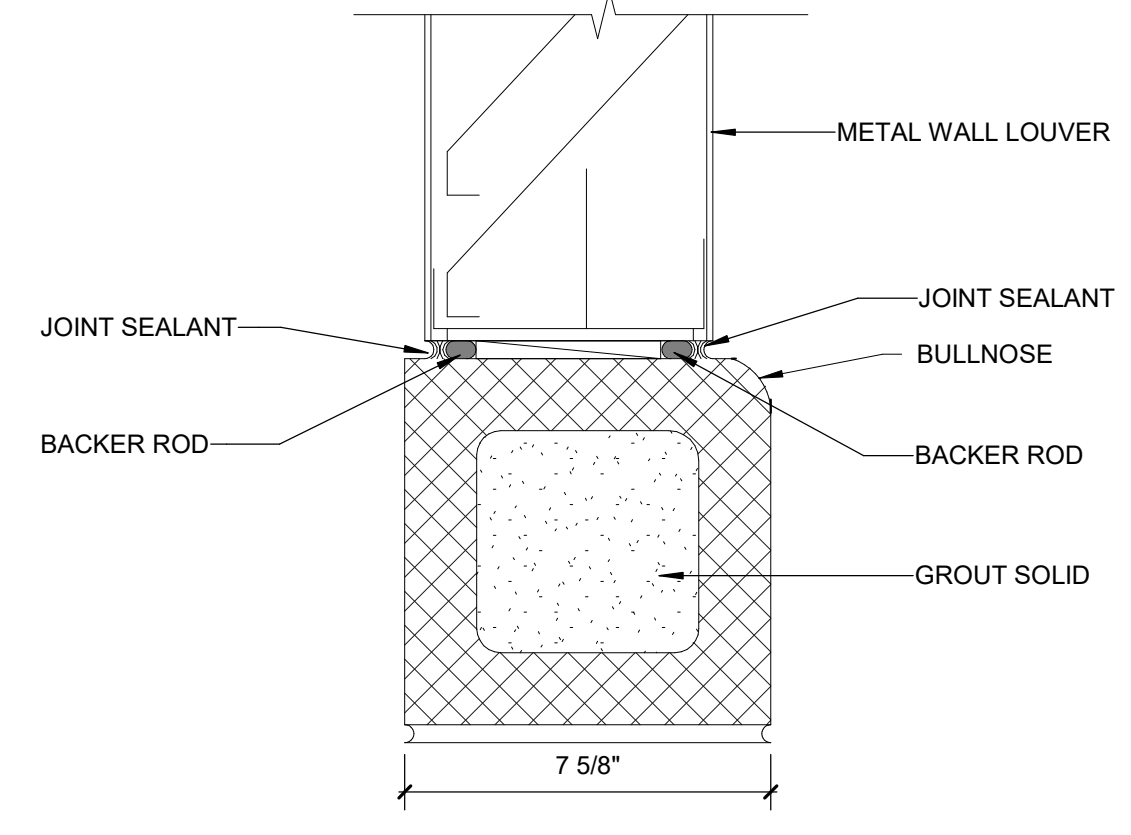
**D1 LOUVER - HEAD @ CMU**  
3" = 1'-0"

D



**C1 LOUVER - JAMB @ CMU**  
3" = 1'-0"

C

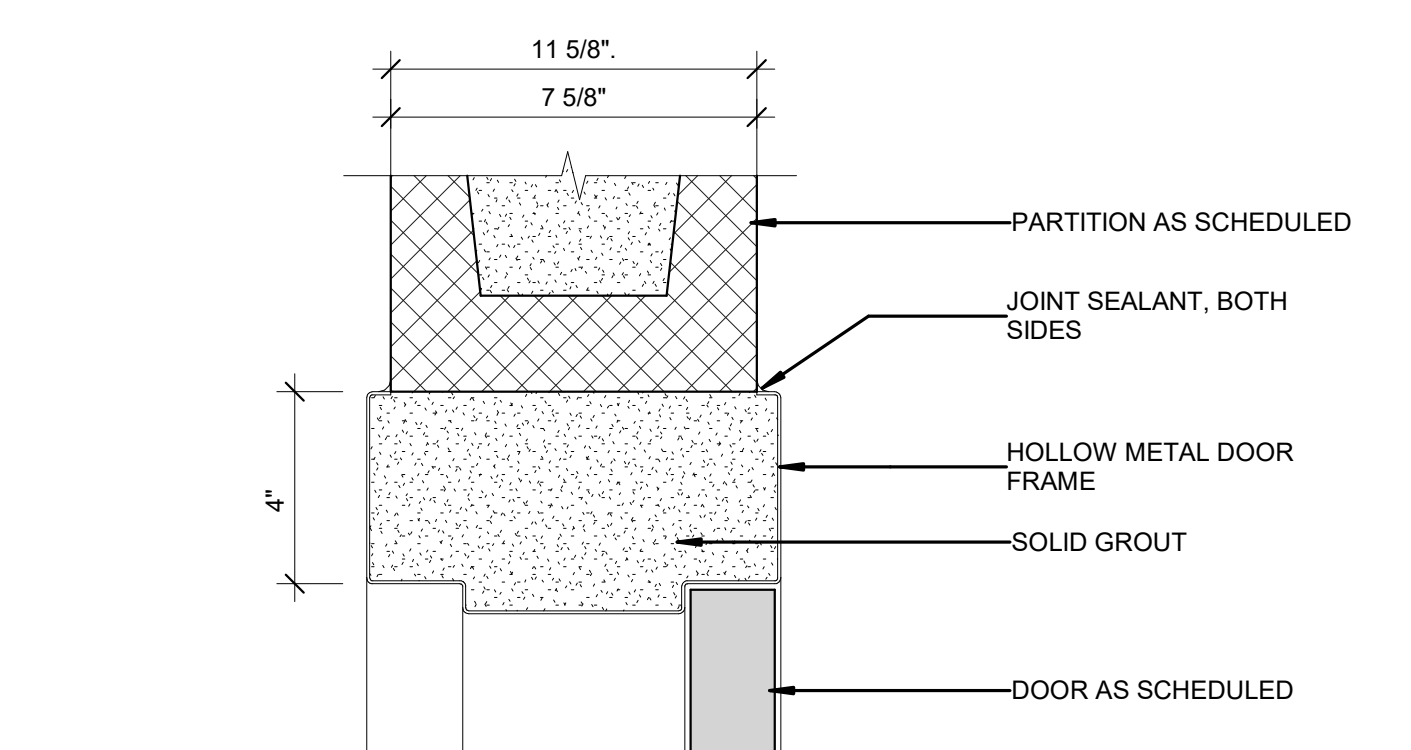


**B1 LOUVER - SILL @ CMU**  
3" = 1'-0"

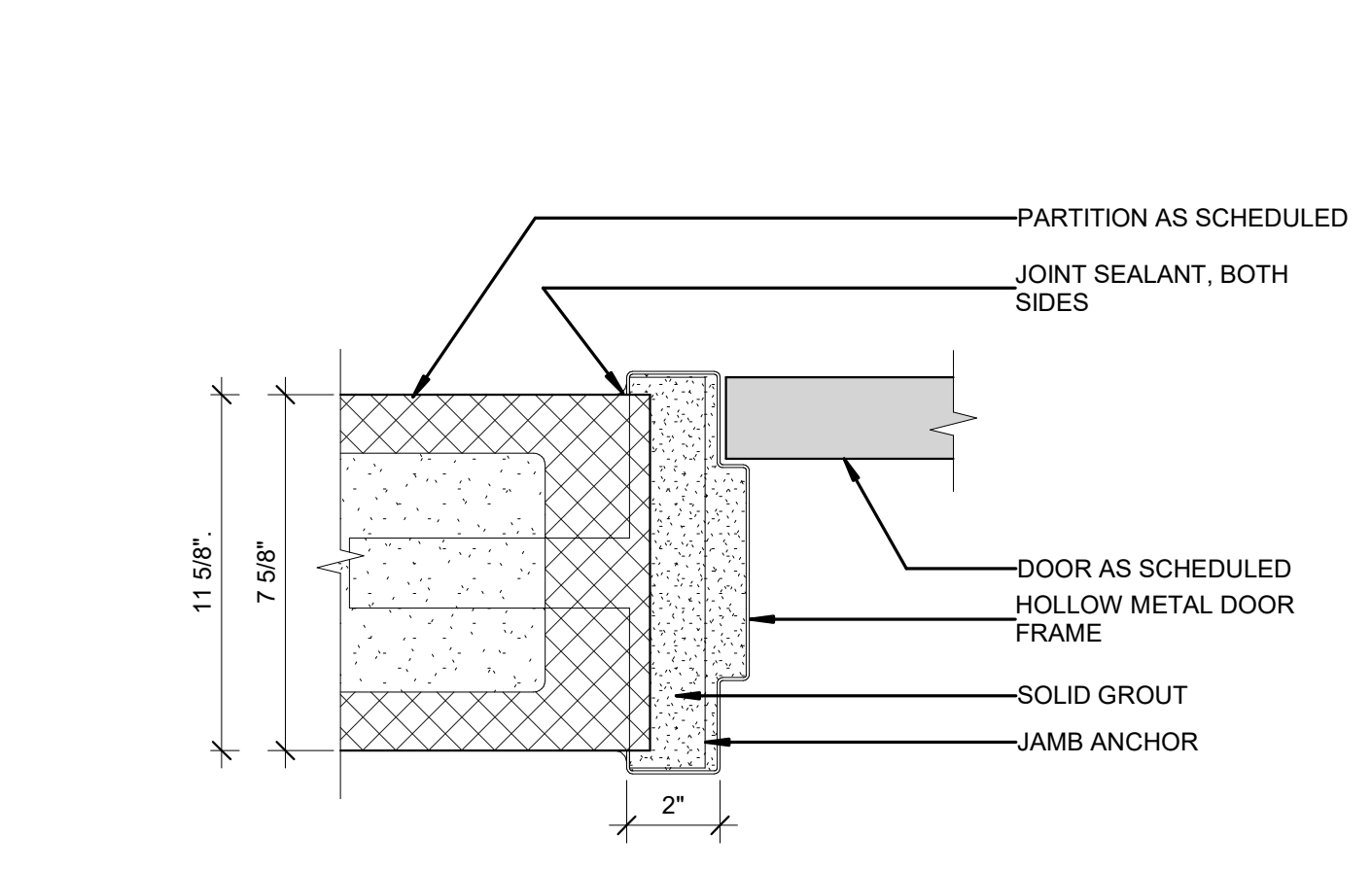
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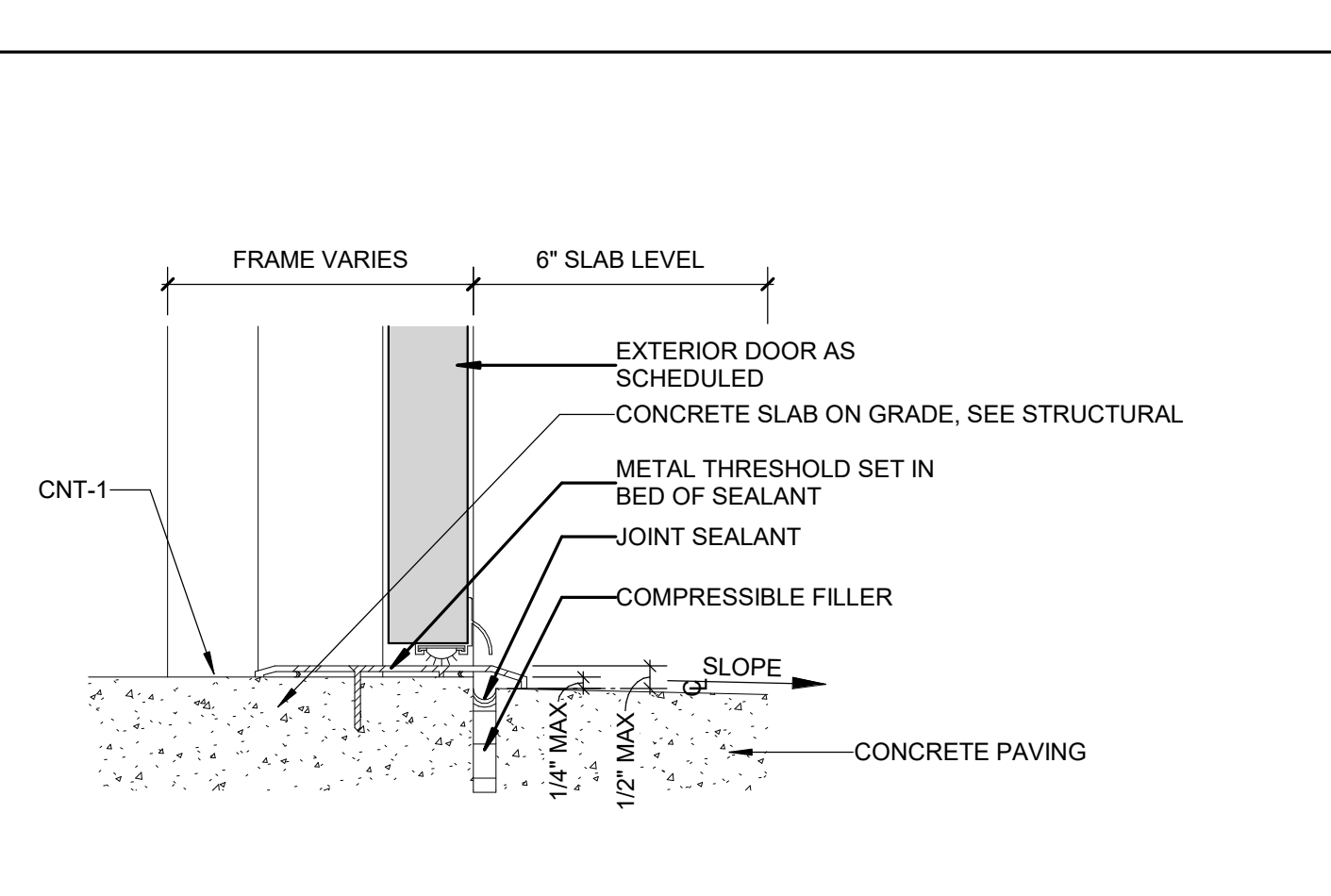
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**D2 HM DOOR & FRAME - HEAD @ CMU WALL**  
3" = 1'-0"



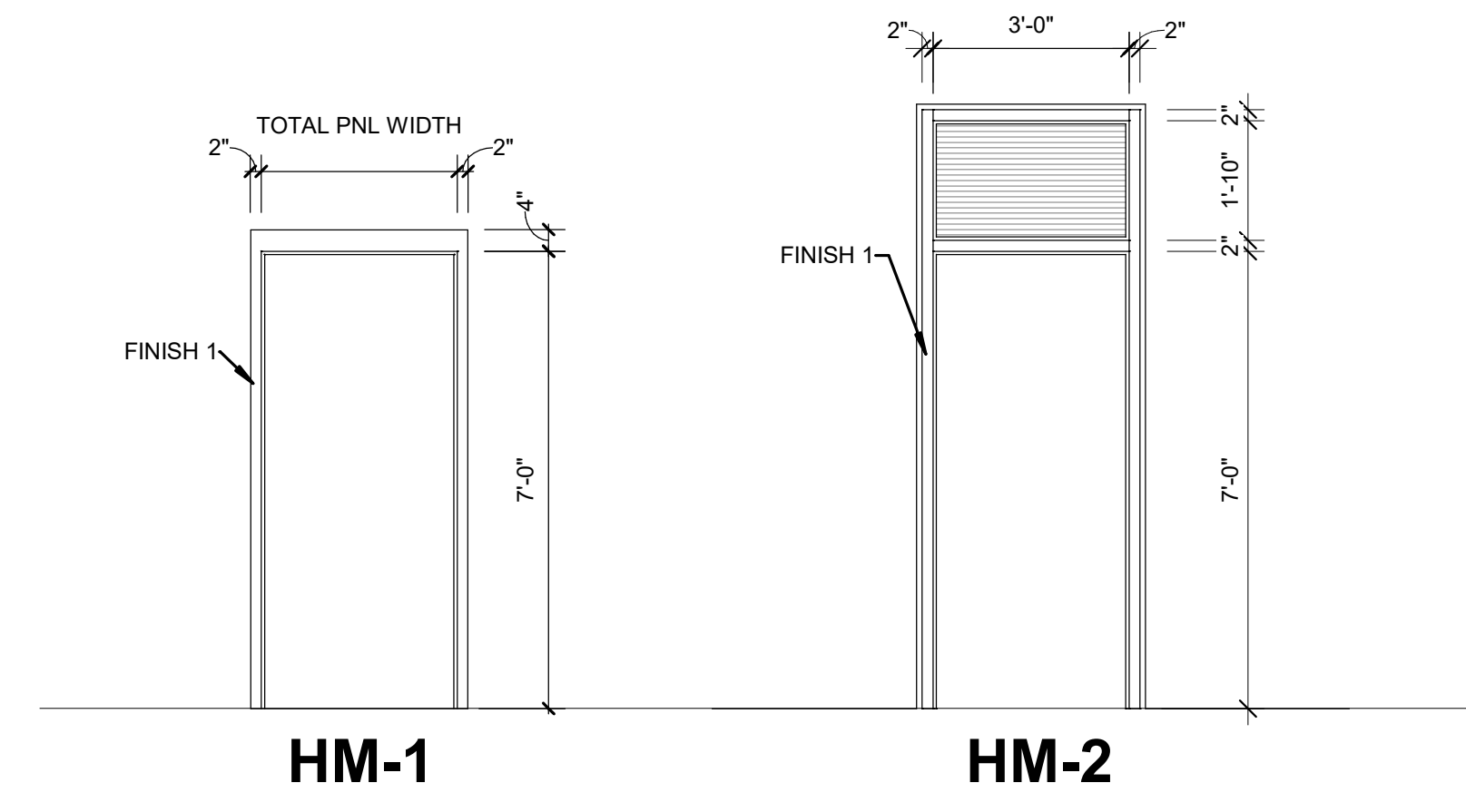
**C2 HM DOOR & FRAME - JAMB @ CMU WALL**  
3" = 1'-0"



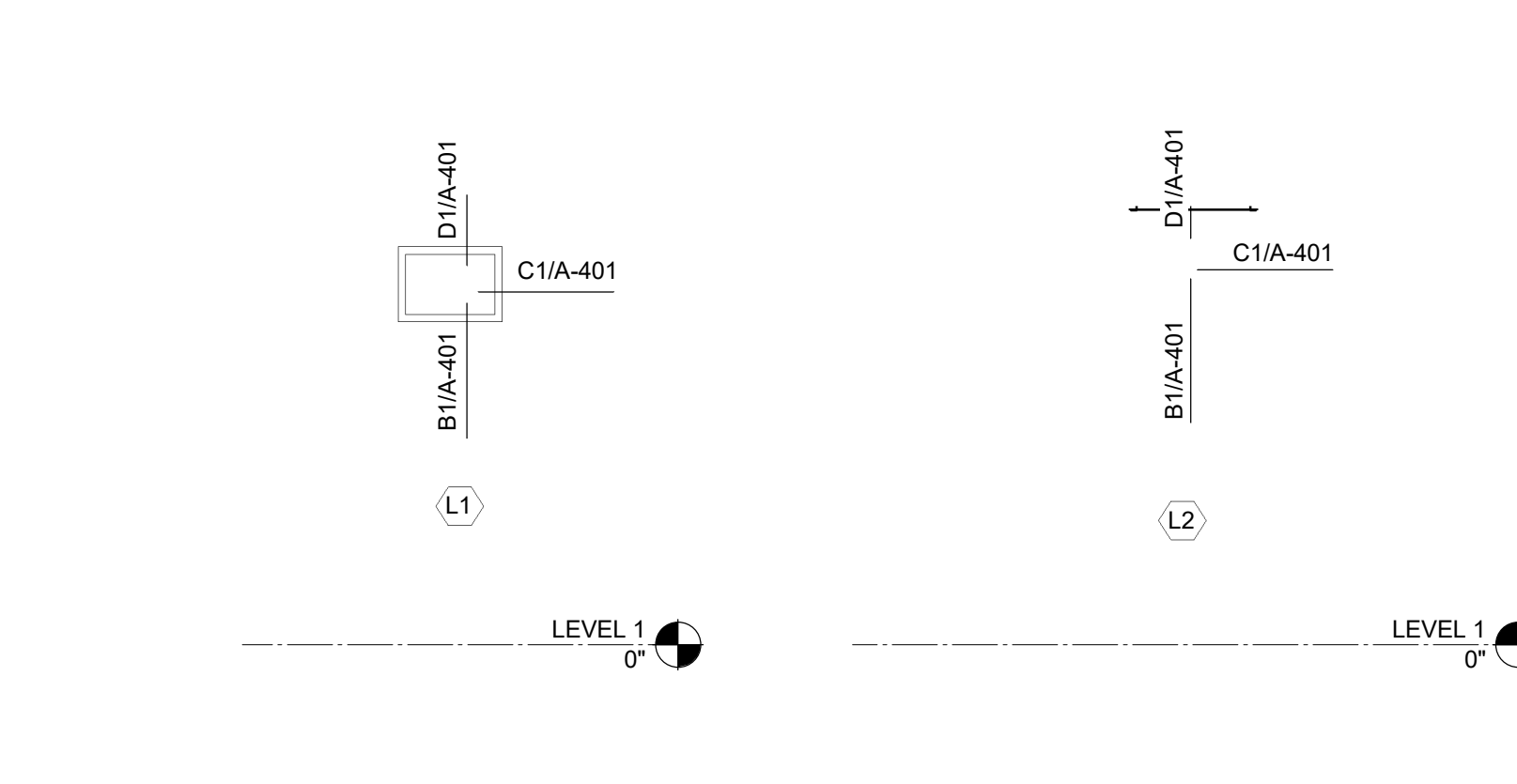
**B2 CONCRETE (INT.) TO CONCRETE (EXT.)**  
3" = 1'-0"

NUMBER	FIRE RATING (MIN)	PANEL 1	PANEL 2	PANEL HEIGHT	FINISH	TYPE	DOOR FRAME		DOOR DETAILS			AAOS Project HW Set	NUMBER	COMMENTS/ NOTES
							WIDTH	HEIGHT	HEAD	JAMB	SILL			
							PANEL 1	PANEL 2						
<b>LEVEL 1</b>														
A100	0	A, HM	3'-0"	7'-0"	PT	HM-2	3'-0"	7'-0"	D2/A-401	C2/A-401	B2/A-401		A100	PROVIDE INSECT SCREEN AT LOUVER
A101	0	B, PH	3'-0"	5'-0"	-	HM-1	3'-0"	5'-0"	D2/A-401	C2/A-401	-		A101	TLT. PARTITION DOOR
A102	0	A, HM	3'-0"	7'-0"	PT	HM-2	3'-0"	7'-0"	D2/A-401	C2/A-401	B2/A-401		A102	PROVIDE INSECT SCREEN AT LOUVER
A103	0	A, HM	3'-0"	7'-0"	PT	HM-2	3'-0"	7'-0"	D2/A-401	C2/A-401	B2/A-401		A103	PROVIDE INSECT SCREEN AT LOUVER
A104	0	A, HM	3'-0"	7'-0"	PT	HM-2	3'-0"	7'-0"	D2/A-401	C2/A-401	B2/A-401		A104	PROVIDE INSECT SCREEN AT LOUVER
A105	0	B, PH	3'-0"	5'-0"	-	HM-1	3'-0"	5'-0"	D2/A-401	C2/A-401	-		A105	TLT. PARTITION DOOR
A106	0	B, PH	3'-0"	5'-0"	-	HM-1	3'-0"	5'-0"	D2/A-401	C2/A-401	-		A106	TLT. PARTITION DOOR

**D4 DOOR PANEL ELEVATIONS**  
3/8" = 1'-0"



**C4 DOOR FRAME ELEVATIONS**  
3/8" = 1'-0"



**B4 LOUVER ELEVATIONS**  
3/8" = 1'-0"

**GENERAL NOTES**

- FLOOR FINISHES TO BE LEVEL AND FLUSH WITH THRESHOLD, WITH MAXIMUM 1/4" TOLERANCE, TYPICAL.
- FLOOR TRANSITIONS THAT OCCUR WITHIN DOOR THRESHOLD TO OCCUR AT CENTERLINE OF CLOSED DOOR, TYPICAL U.N.O.
- ALL EXTERIOR METAL THRESHOLDS ARE TO BE SET IN A FULL BED OF SEALANT.
- WHEN LOCATING DOOR FRAMES WITHIN A WALL, THE FRAME SHALL BE LOCATED SO THAT THERE IS 18" MIN. CLEAR SPACE LOCATED ON THE LATCH SIDE ON A FRONT APPROACH PULL SIDE. THERE SHALL BE 12" MIN. ON THE LATCH SIDE FOR A FRONT APPROACH PUSH SIDE WHEN BOTH A CLOSER AND LATCH ARE PROVIDED.
- MATERIALS, FINISHES, AND INSTALLATION OF PRODUCTS REFERENCED IN THE SCHEDULE SHALL BE IN ACCORDANCE WITH REQUIREMENTS SPECIFIED IN THE RESPECTIVE PRODUCT SECTIONS.
- REFER TO PARTITION TYPES AS INDICATED ON SHEET A-001 TO DETERMINE FRAME DEPTH.
- OPENING SIZES INDICATED REFER TO DOOR OPENING DIMENSIONS INSIDE OF FRAME.
- FOR TYPICAL INTERNAL DOOR SILL DETAILS, REFER TO FLOOR TRANSITION DETAILS.
- REFER TO SPECIFICATIONS FOR DOOR HARDWARE ALLOWANCE.
- SLOPE FLOOR TO DRAIN.
- FLOORING TRANSITIONS TO OCCUR BENEATH THE CENTERLINE OF THE FLOOR (NOT THE DOOR OPENING). WHEN NO DOOR IS PRESENT, THE TRANSITION IS TO OCCUR AT THE CENTERLINE OF THE OPENING.
- PROVIDE CRACK ISOLATION AND WATERPROOFING MEMBRANE AS REQUIRED.
- SLOPE FLOOR IN ACCORDANCE WITH ADA REQUIREMENTS TO PROVIDE LEVEL TRANSITION AT ALL FLOORING MATERIAL CHANGES/THRESHOLDS AS REQUIRED.
- ALL FIXTURE AND ACCESSORY INSTALLATION MUST MEET THE REQUIREMENTS OF ICC A-117.1-2017.

**LANCASTER COUNTY SCHOOL DISTRICT**  
Putting our children first

Lancaster County School District

**LS3P**

701-A LADY STREET  
COLUMBIA, SOUTH CAROLINA 29201  
TEL. 803.765.2418 FAX. 803.765.2419  
WWW.LS3P.COM

STATE OF SOUTH CAROLINA  
LSAP ASSOCIATES, LTD.  
B 74003  
REGISTERED ARCHITECT  
COLUMBIA

STATE OF SOUTH CAROLINA  
ALLEN R. TAYLOR  
Columbia, SC  
4844  
REGISTERED ARCHITECT  
07.25.2024

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**LANCASTER HS BASEBALL RESTROOM**  
970 Stadium Dr, Lancaster, SC 29720

DISTRICT FIVE PROJECT: 2014-012  
LSAP PROJECT: 2201-231926

DATE	DESCRIPTION

SHEET NAME:  
DOOR, FRAME,  
LOUVER, &  
ACCESSORY ITEMS  
SCHEDULES &  
ORIG ELEVATIONS 7/25/24  
SUBMISSION:

SHEET:  
**A-401**  
CONSTRUCTION DOCUMENTS



THE LINE SHOWN ABOVE IS EXACTLY ONE FOOT AND ONE EIGHTH OF AN INCH LONG

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INTERIOR FINISHES										
TAG	DESCRIPTION	MANUFACTURER	PRODUCT NAME & NUMBER	PRODUCT STYLE/PATTERN	PRODUCT FINISH	PRODUCT COLOR	PRODUCT SIZE	INSTALLATION	CONTACT	ADDITIONAL NOTES
03-CONCRETE-POLISHED CONCRETE FINISHING										
CNT-1	SEALED CONCRETE	SHERWIN WILLIAMS	ARMORSEAL TED-PLEX	-	-	CLEAR	-	GENERAL CONCRETE SEALER	-	ALL FLOOR SLABS
09-FINISHES-WALL BASES										
RBC-1	RUBBER BASE	TARKETT	TRADITIONAL RUBBER WALL BASE	RUBBER COVE BASE	-	20 CHARCOAL	4TH (120'-0" COILS)	ALL INTERIOR SPACES	KIMBERLY TRIMBLE - 803.394.9611 KIMBERLY.GRAY@TARKETT.COM	-
09-FINISHES-WALLS										
PNT-1	PAINT	SHERWIN WILLIAMS	SW 7006	-	EGGSHELL	EXTRA WHITE	-	ALL INTERIOR SPACES	STEVE GOODE STEVEN.R.GOODE@SHERWIN.COM	-

- GENERAL NOTES**
- PROVIDE CONCEALED STUD MOUNTING WITH THREADED BOLT THROUGH TRUSS.
  - OWNER TO APPROVE FINAL SIGNAGE SCHEDULE COPY, COLOR SELECTIONS AND FINAL LOCATIONS. ALL DESIGN, COLOR, AND COPY ELEMENTS TO BE APPROVED BY OWNER PRIOR TO ORDER ENTRY. ROOM NAMES AND NUMBERS LISTED IN THESE DOCUMENTS MAY DIFFER FROM FINAL NAMES AND NUMBERS.
  - ALL TEXT TO USE FONT STYLE AS CHOSEN BY THE OWNER, WITH ALL LETTERS CAPITALIZED. ALL SIGNAGE REQUIRED BY CODE MUST MEET REQUIREMENTS OF 2017 ICC A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES. PROVIDE GRADE 2 BRAILLE.
  - ALL SIGNS IDENTIFYING SAFETY DEVICES SUCH AS FIRE ALARM PULL STATIONS, FIRE EXTINGUISHERS, ETC., TO BE LOCATED AT A HEIGHT HORIZONTALLY ALONG THE SAME CENTERLINE OF THE DEVICE IT IS IDENTIFYING. LOCATE SAFETY DEVICE SIGNS FOR ITEMS WITHIN A CABINET ON THE SIGN ADJACENT TO THE PULLHANDLE, 2" FROM THE DEVICE'S EDGE. FOR SAFETY DEVICES NOT WITHIN A CABINET, LOCATE SIGNS 2" TO THE RIGHT OF DEVICES, AS SPACE ALLOWS, TO THE LEFT IN SPACE TO THE RIGHT AS OBSTRUCTED.
  - ALL SIGNS TO BE MOUNTED FOLLOWING ANSI A117.1-2009 GUIDELINES. PLACING EDGE OF SIGN 2" FROM FRAME AT DOOR/FRAMED OPENINGS, LATCH SIDE OF DOOR, OR 2" FROM EDGE OF OPENING IF NO FRAME IS USED, UNLESS NOTED OTHERWISE. LOCATE SIGN ON FACE OF WALL LEADING INTO SPACE WITH SIGN NAME, U.N.O.
  - PROVIDE A QUANTITY OF ONE PANEL SIGN AT EACH DOOR TO BE PROVIDED, LEADING INTO A SPACE (AS DIRECTED BY VARIOUS SIGN TYPES SHOWN). FINAL SIGNAGE TYPES AND LOCATIONS TO BE APPROVED BY OWNER.
  - PROVIDE SIGN TYPE 3A WITH APPROPRIATE COPY AT EACH SAFETY DEVICE INTENDED FOR PUBLIC USE INCLUDING, BUT NOT LIMITED TO, FIRE EXTINGUISHERS, FIRE ALARM PULL STATIONS AND EMERGENCY HVAC FAN STOPS.
  - A SIGN STATING "EXIT" IN RAISED CHARACTERS AND BRAILLE AND COMPLYING WITH ICC A 117.1 SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN AREA OF REFUGE, AN EXTERIOR AREA FOR ASSISTED RESCUE, AN EXIT STAIRWAY, AN EXIT RAMP, AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE.
  - COORDINATE SIGNAGE LOCATIONS IN FIELD WITH ARCHITECT OR VIA SUBMITTAL WHERE MULTIPLE SIGNAGE QUANTITIES ARE SHOWN. COORDINATE ALL FINAL SIGN TEXT WITH OWNER PRIOR TO FABRICATION OF SIGNAGE. ALL TEXT TO USE FONT STYLE AS CHOSEN BY THE OWNER, WITH ALL LETTERS CAPITALIZED.
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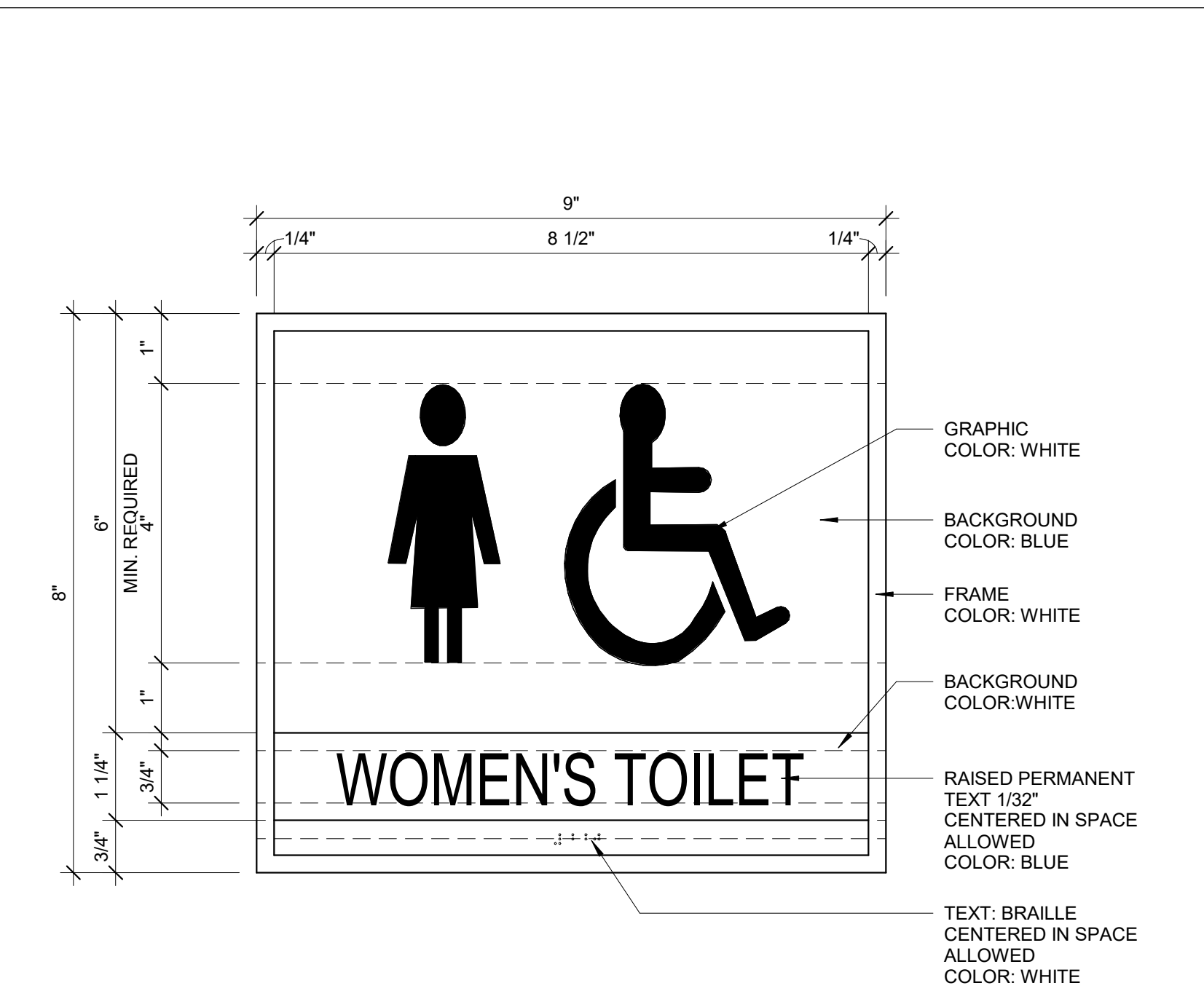
Lancaster County School District

**LS3P**  
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TEL. 803.765.2418 FAX. 803.765.2419  
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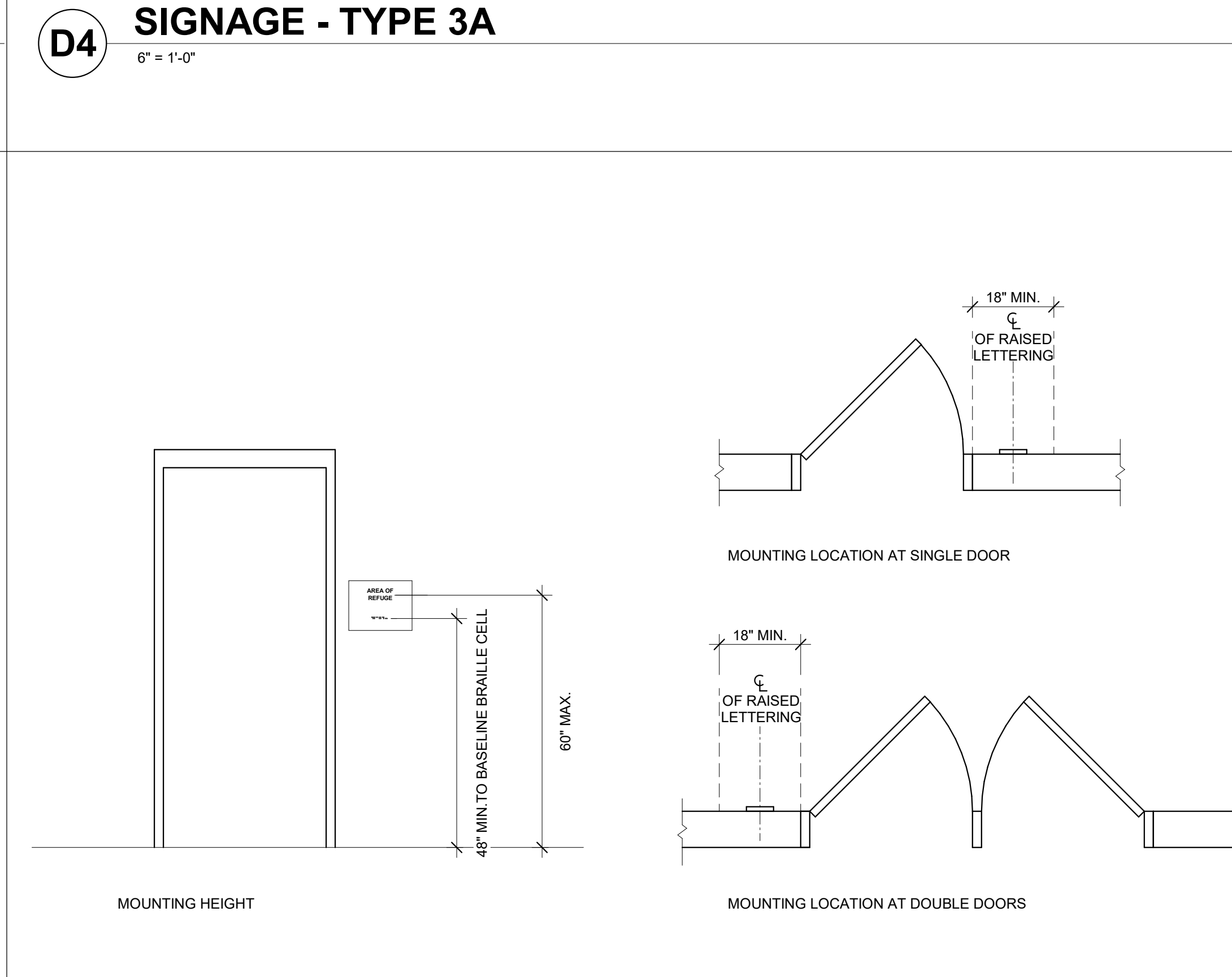
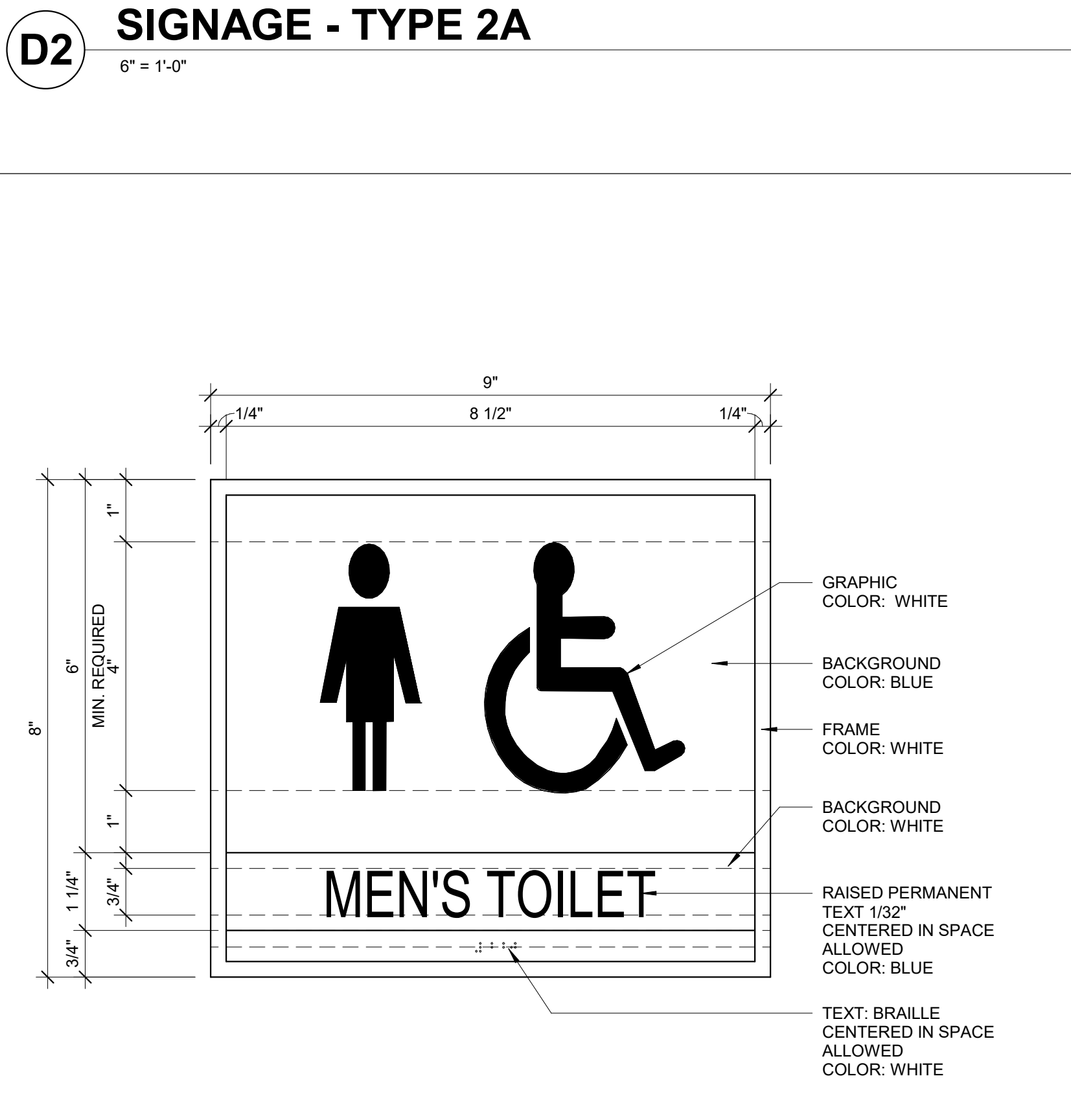
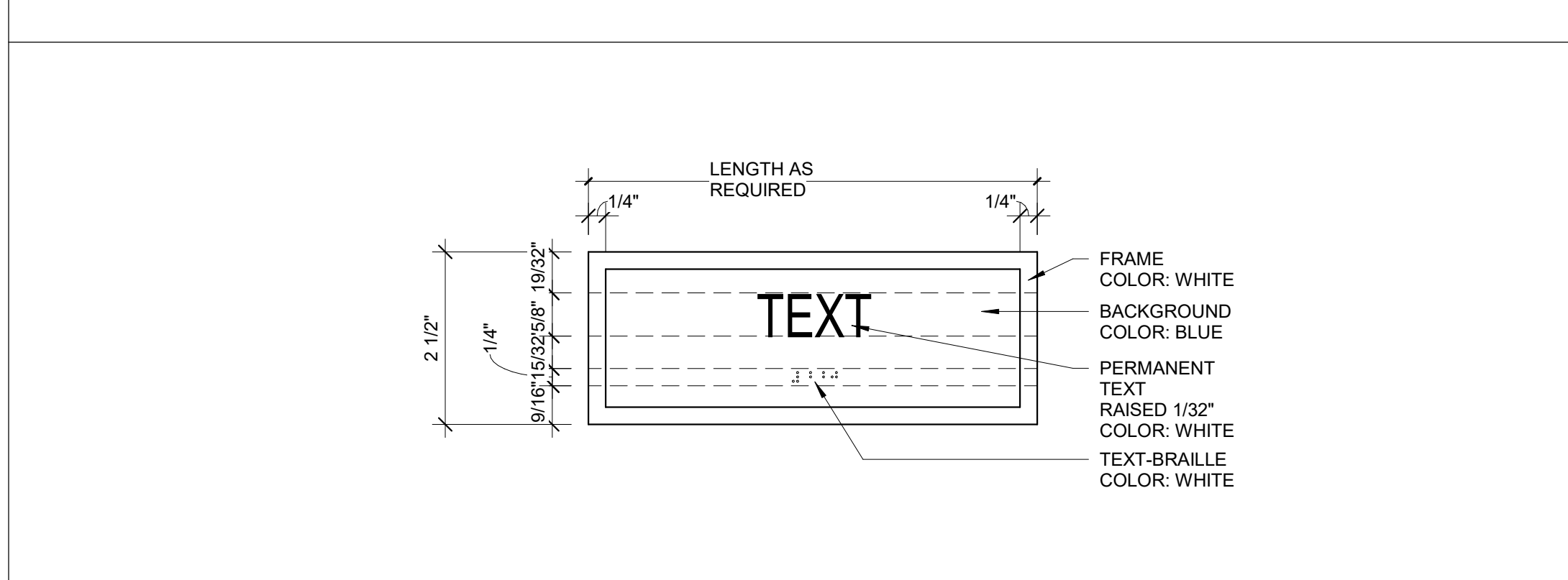
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SIGNAGE SCHEDULE					
ROOM NUMBER	ROOM NAME	SIGN TYPE	QUANTITY	PERMANENT TEXT	NOTES
A100	MEN	2B	1		
A101	TOILET				
A102	ELEC.	3A	1	ELECTRICAL	
A103	JAN	3A	1	CUSTODIAL	
A104	WOMEN	2A	1		
A105	TOILET				
A106	TOILET	3A	1	ACCESSIBLE TOILETS LOCATED IN ADJACENT BUILDING	PLACE OUTSIDE OF EXISTING RESTROOMS



**LANCASTER HS BASEBALL RESTROOM**  
970 Stadium Dr, Lancaster, SC 29720

DISTRICT FIVE PROJECT: 2014-012  
LS3P PROJECT: 2201-231926

DATE	DESCRIPTION

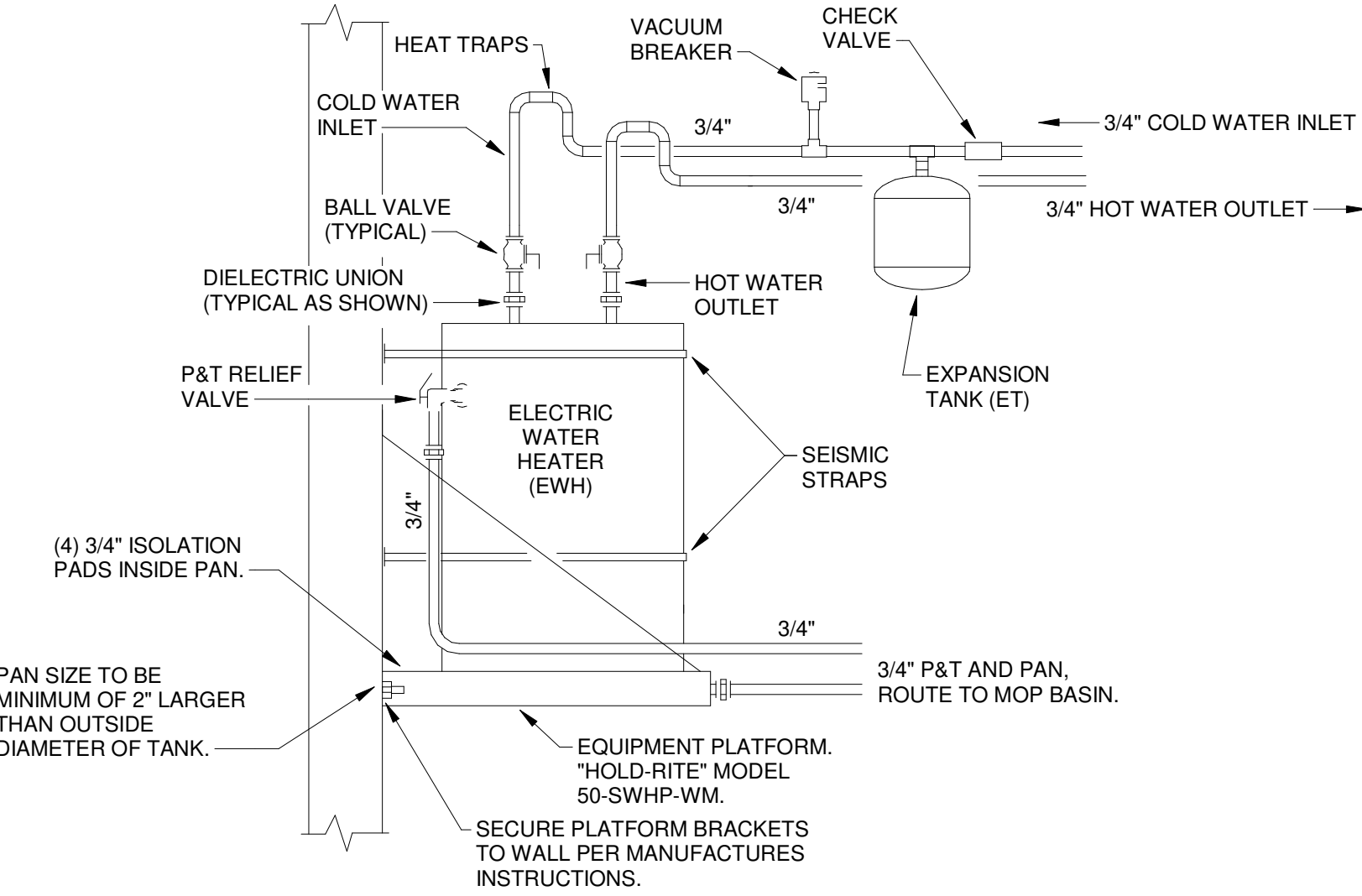
**SHEET NAME:**  
ROOM FINISH SCHEDULE & LEGEND, AND INTERIOR SIGNAGE

**ORIG SUBMISSION:** 07/25/24

**SHEET:** A-701  
CONSTRUCTION DOCUMENTS

GENERAL PLUMBING NOTES

DO NOT SCALE DRAWINGS. ROUGH FROM ARCHITECTURAL AND/OR EQUIPMENT MANUFACTURERS DRAWINGS AND ROUGH IN SPECIFICATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND PLACEMENT OF FIXTURES. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED. ALL HORIZONTAL SANITARY SEWER, WASTE AND DRAIN PIPING SHOWN ON DRAWINGS IS RUN BELOW FLOOR UNLESS OTHERWISE NOTED ON DRAWINGS.



WATER HEATER (EWH) SCHEMATIC NO SCALE

EXPANSION TANK SCHEDULE

Table with columns: SYMBOL, MANUFACTURER, MODEL NUMBER, TANK VOLUME (GALLONS), ACCEPTANCE VOLUME (GAL), TANK DIAMETER (INCHES), TANK HEIGHT (INCHES), FILL PRESSURE (PSIG), OPERATING WEIGHT (LBS), SERVICE, MAXIMUM PRESSURE (PSIG), and REMARKS.

SHOCK ABSORBER SCHEDULE

Table with columns: SYMBOL, MANUFACTURER, MODEL NUMBER, F.U. RATING, CONNECTION SIZE, SA-AA, SA-A, and SA-B.

NOTES TO SHEET:

- 1. SLOPE ALL DOMESTIC WATER PIPING BACK TO WALL HYDRANT TO SERVE AS BUILDING DRAIN DOWN. 2. INSTALL WATTS, OR APPROVED EQUAL, MODEL 007M2-QT 1-1/2" DOUBLE CHECK BACKFLOW PREVENTER IN VERTICAL RISER.

NOTE:

VERIFY VOLTAGE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT.

NOTE:

ALL OVERHEAD PLUMBING PIPING TO BE LABELED. VALVES TO BE TAGGED AND VALVE CHART ISSUED TO OWNER UPON COMPLETION. REFER TO PLUMBING SPECIFICATIONS.

PLUMBING FIXTURE SCHEDULE

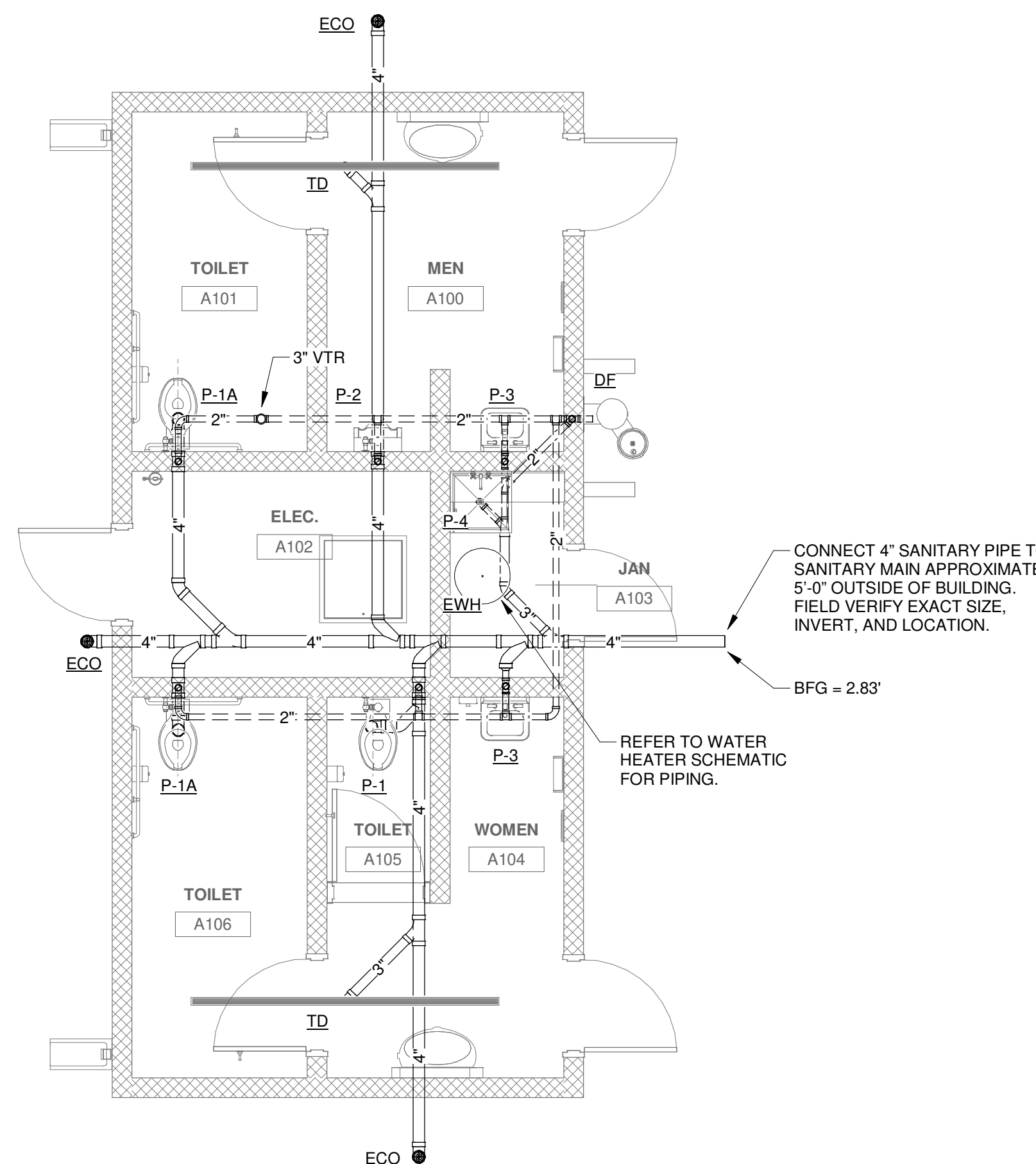
Table with columns: SYMBOL, DESCRIPTION, CONNECTION (CW, HW, WASTE), and REMARKS. Lists fixtures like Water Closet, Urinal, Lavatory, Mop Basin, Bottle Filler, Backflow Preventer, etc.

PLUMBING FIXTURE SCHEDULE

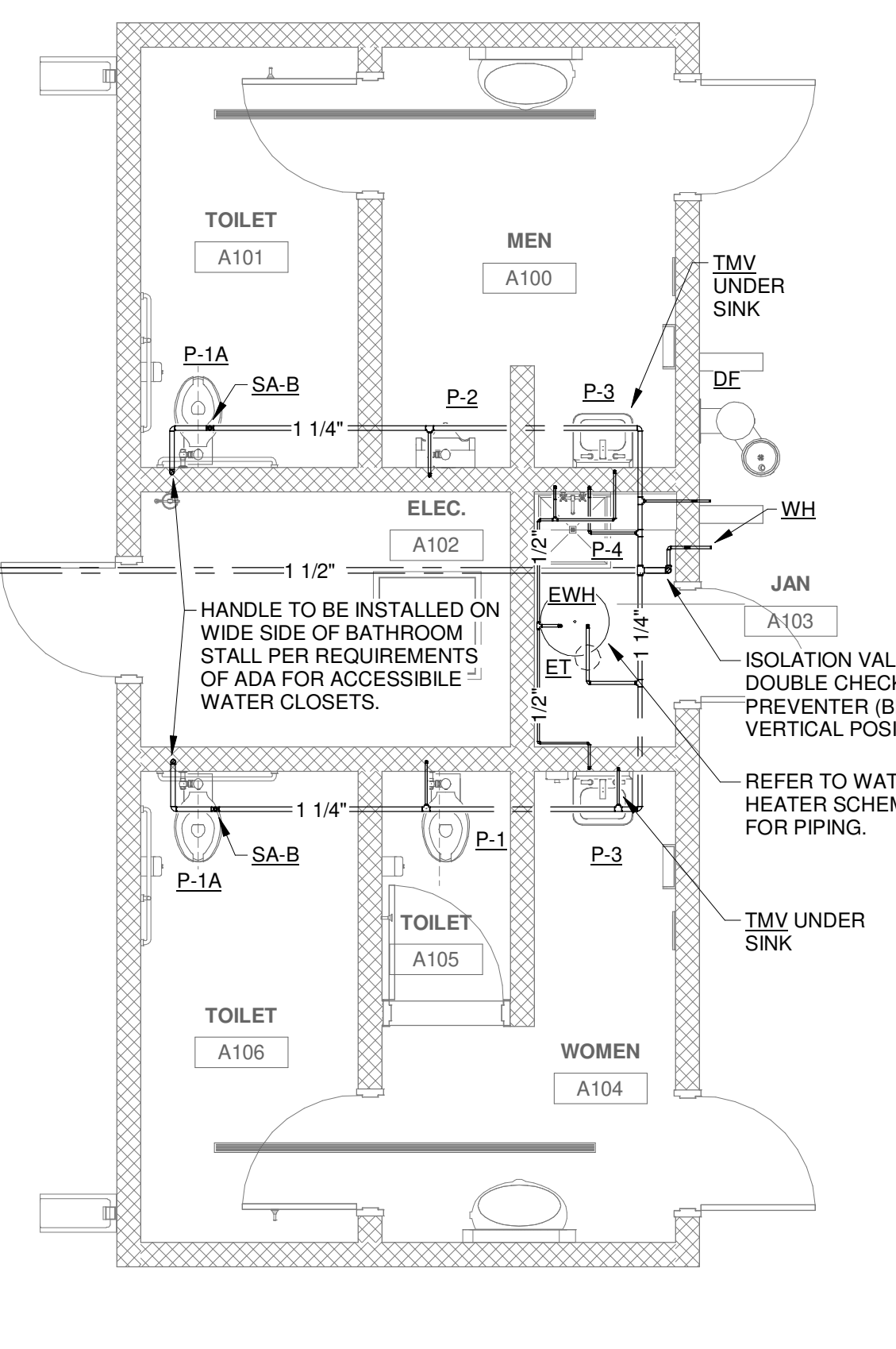
Table with columns: SYMBOL, MANUFACTURER, MODEL NO., DESCRIPTION. Lists fixtures with manufacturer and model details like Kohler K-4350, Kohler K-4368, etc.

SPECIFICATIONS: Water Piping: 1. All pipe, fittings, valves, faucets, etc., or any product used for dispensing potable water shall be fully compliant with the 'Reduction of Lead in Drinking Water Act'...

NEW PLUMBING LINETYPE LEGEND. Table showing symbols for Sanitary Sewer Piping, Vent Piping, Cold Water Piping, and Hot Water Piping.



Plumbing Plan - Waste/Vent 1/4" = 1'-0"



Plumbing Plan - Water Supply 1/4" = 1'-0"

Table with columns: DATE, DESCRIPTION. Blank schedule for project updates.

MECA Mechanical Engineering Consulting Associates, Inc. 2330 Main St. Columbia, South Carolina 29201

THESE DRAWINGS ARE EXACTLY AS SHOWN AND SHALL BE CONSIDERED AS SUCH.

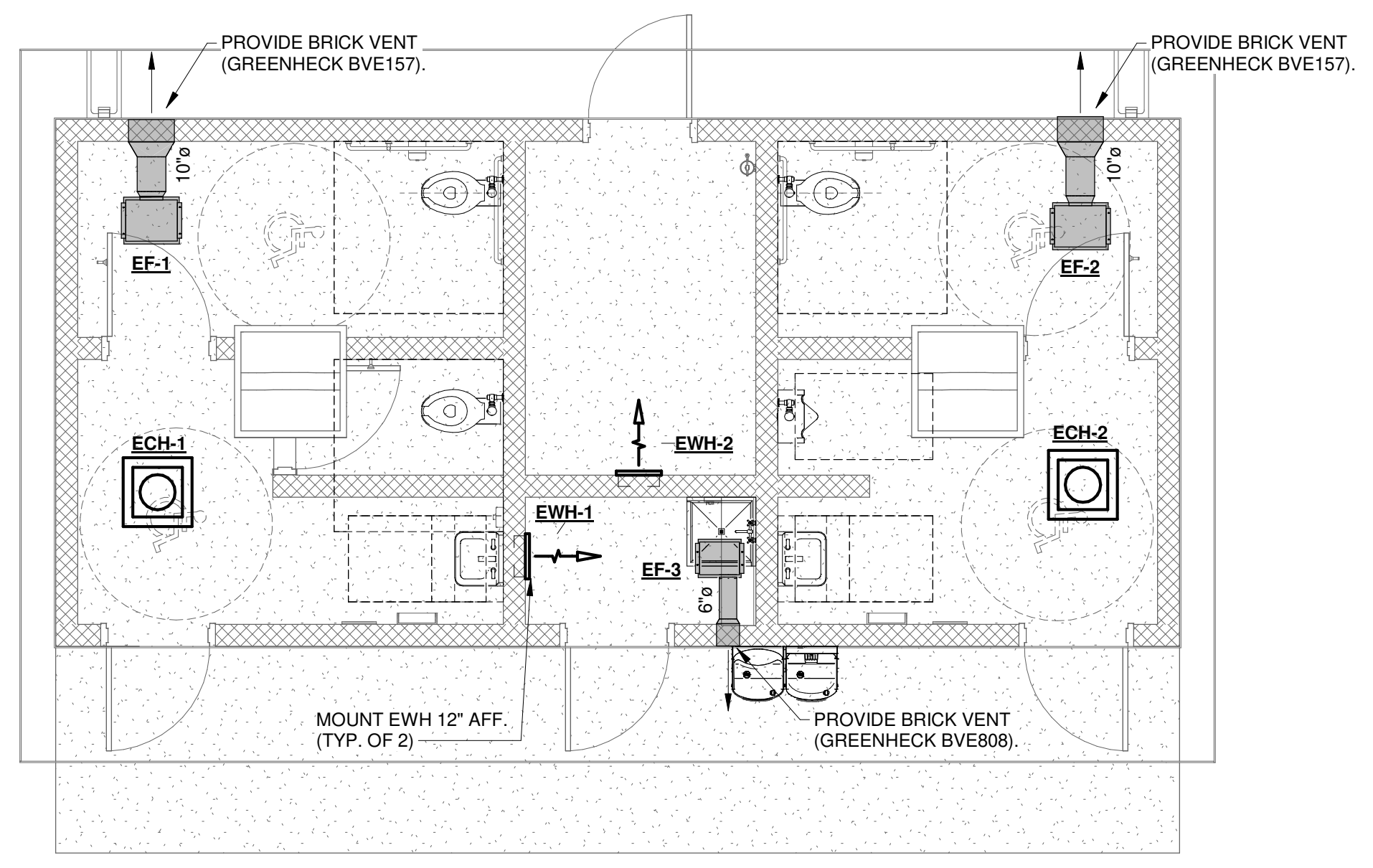
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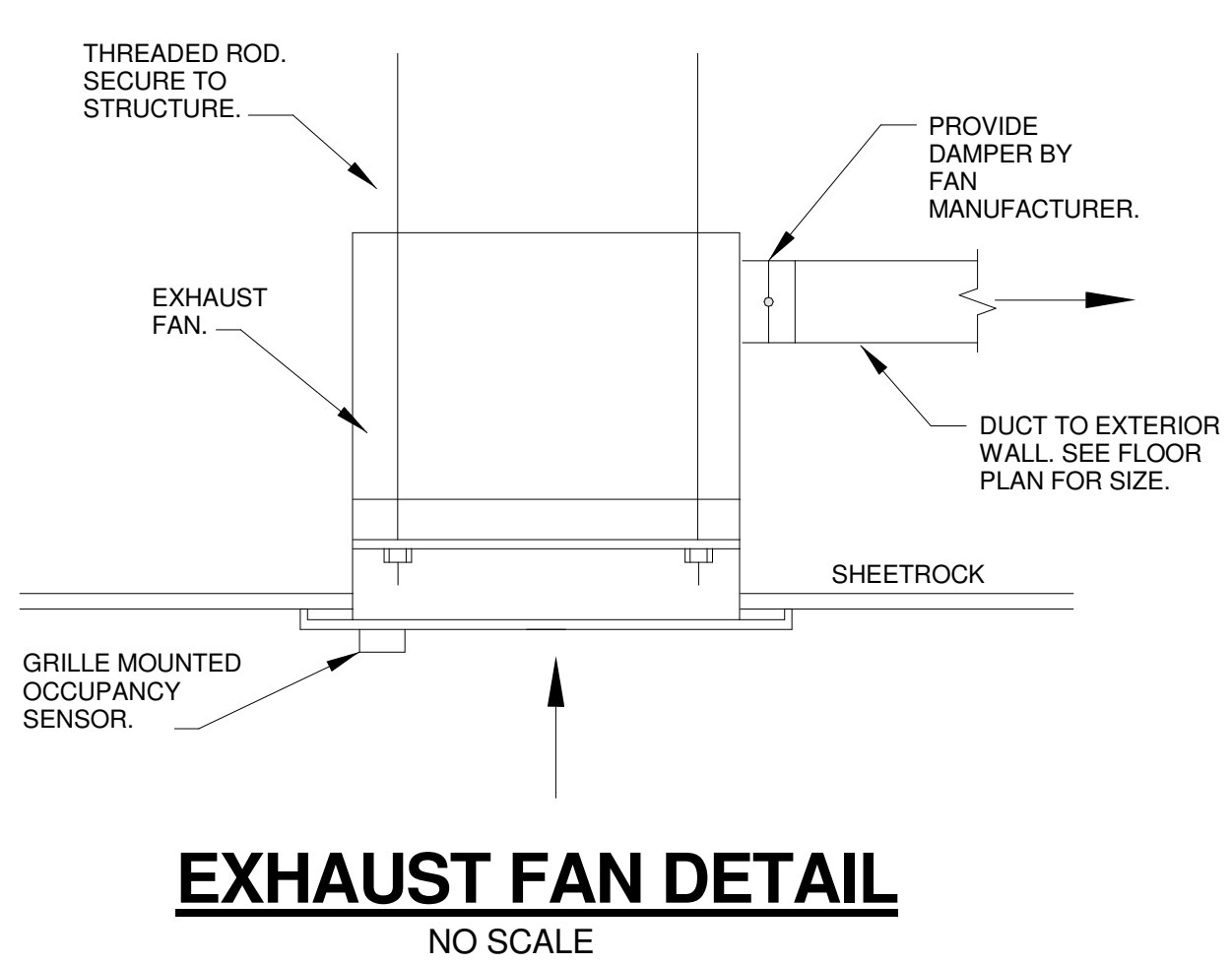
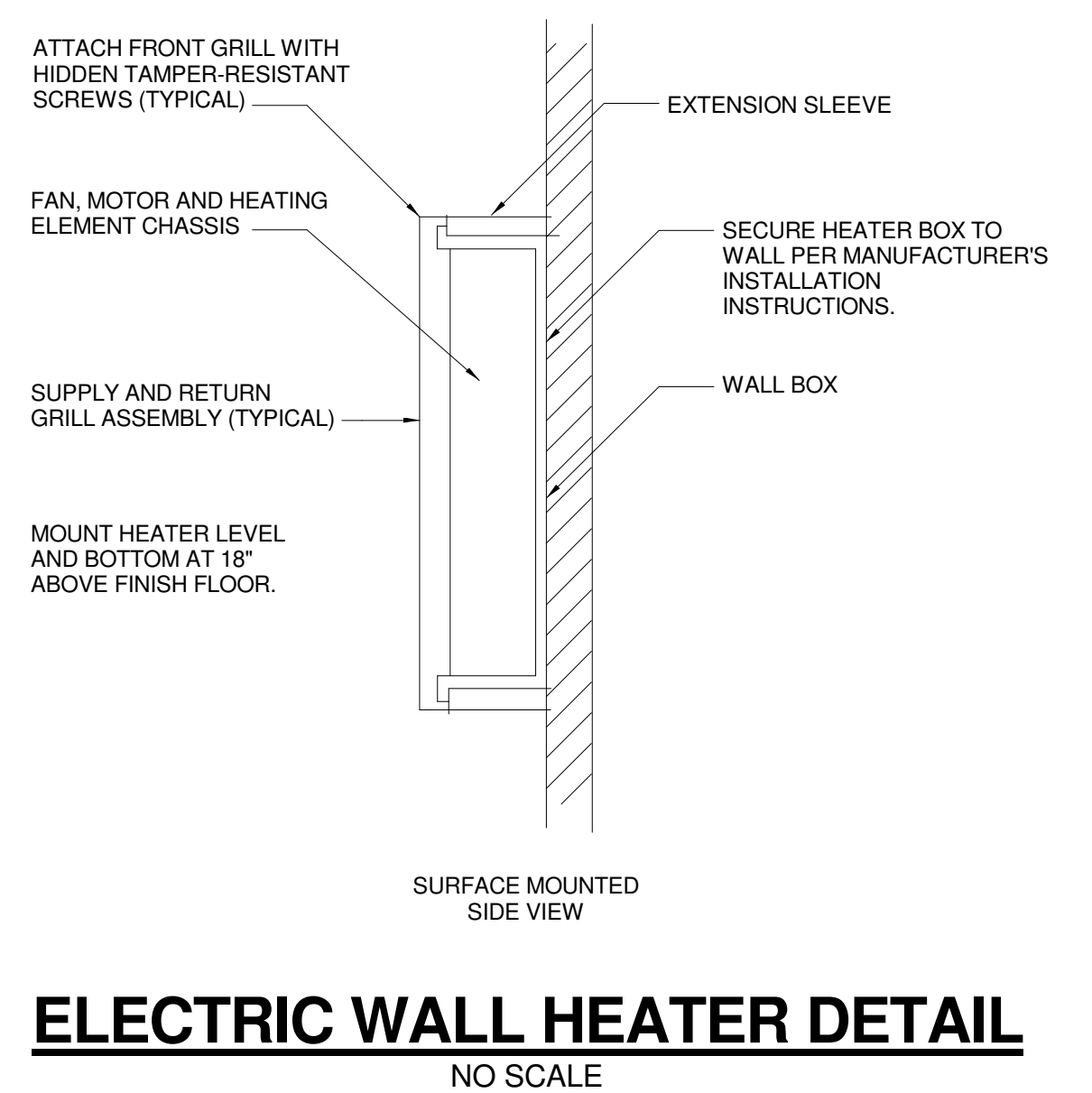
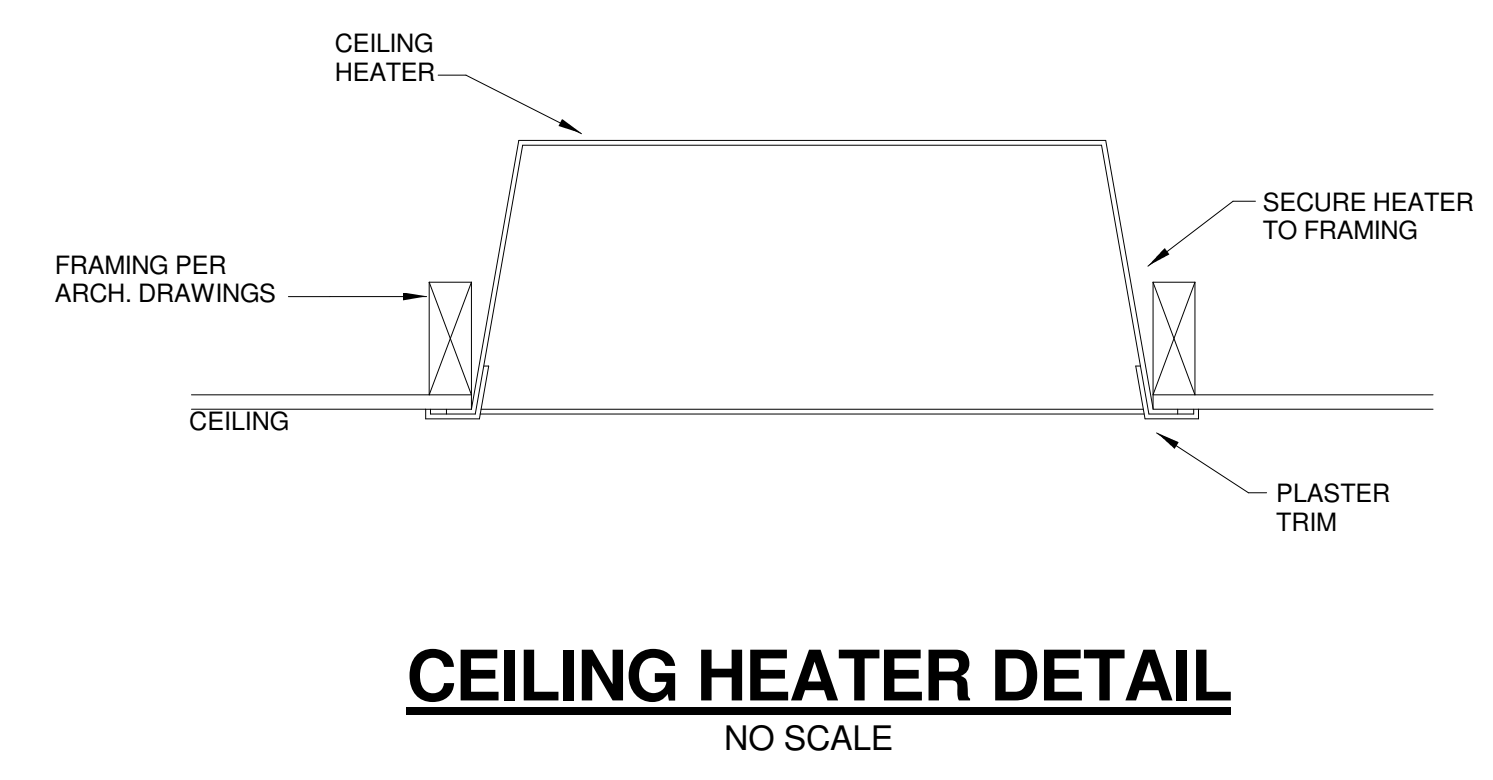
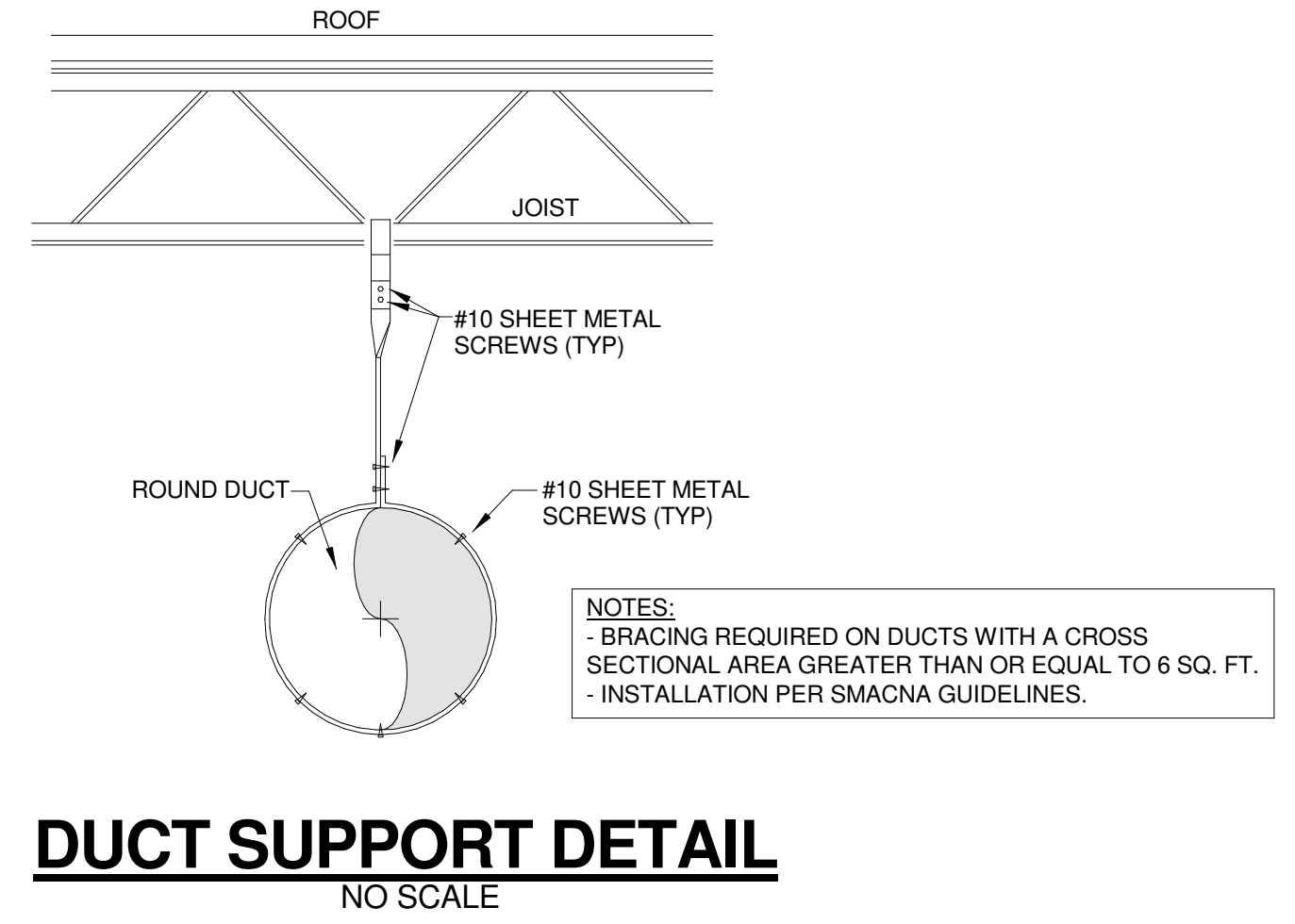
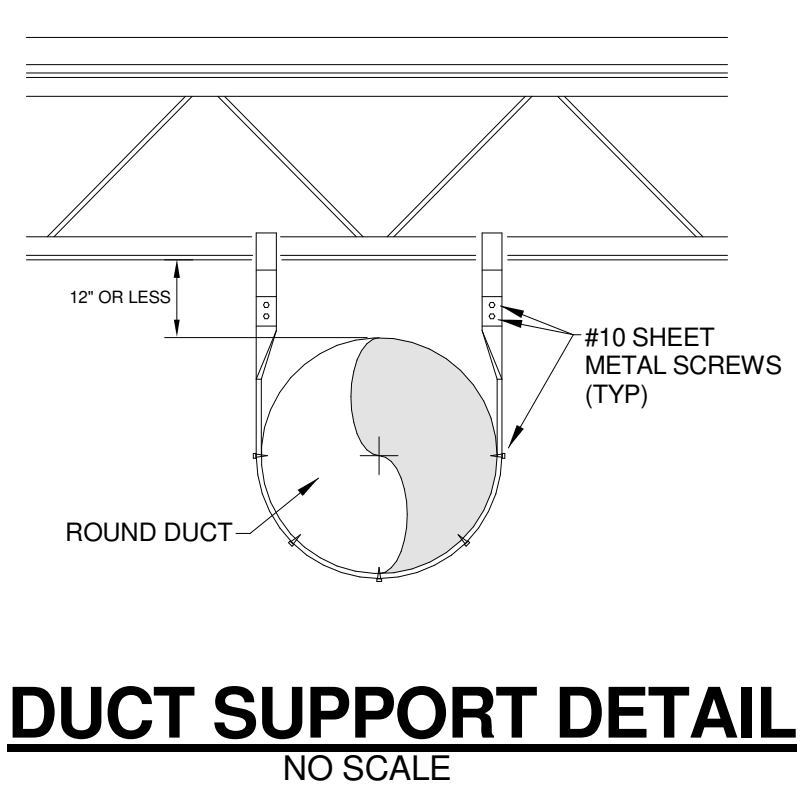
C

B

A



1 Mechanical Plan  
1/4" = 1'-0"



**MECA**  
Mechanical Engineering Consulting Associates, Inc.

2330 Main St.  
Columbia, South Carolina 29201  
Phone: (803) 765-9421  
www.mecainc.com

Designed: CAB  
Approved: PPC  
Job No.: 23345  
Plot Date: 03/15/2024

DATE	DESCRIPTION

SHEET NAME: MECHANICAL PLAN

ORIG SUBMISSION: 03/15/24

SHEET: M101

CONSTRUCTION DOCUMENTS

1

2

3

4

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### MECHANICAL SYMBOLS

	SUPPLY AIR DUCT SECTION		4-WAY CEILING DIFFUSER
	RETURN AIR DUCT SECTION		CEILING RETURN/EXHAUST GRILLE
	THERMOSTAT		SIDE WALL DIFFUSER
	OCCUPANCY SENSOR		SIDE WALL RETURN
	UNDERCUT DOOR		DAE DUCT AIR EXTRACTOR
	TURNING VANES		OA OUTSIDE AIRFLOW
	MANUAL DAMPER		-C- CONDENSATE PIPING
	MOTORIZED DAMPER		

### MECHANICAL NOTES

- DO NOT SCALE DRAWING. ROUGH FROM EQUIPMENT MANUFACTURER AND ARCHITECTURAL DRAWINGS.
- DIMENSIONS NOTED ON PLANS ARE IN INCHES UNLESS OTHERWISE NOTED.
- DUCT SIZES NOTED ON PLANS ARE INTERIOR DIMENSIONS.
- MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EQUIPMENT VOLTAGES, ELECTRICAL REQUIREMENTS AND DISCONNECTS WITH THE ELECTRICAL CONTRACTOR PRIOR TO RELEASING EQUIPMENT FROM MANUFACTURER.
- ALL DUCTWORK SHOWN ON DRAWING IS DIAGRAMMATIC. ACTUAL RUN SHALL BE SHORTEST POSSIBLE WITHOUT SHARP BENDS. ALL DUCTWORK SHALL BE GALVANIZED STEEL INSTALLED PER SMACNA, INTERNATIONAL AND LOCAL CODES WITH 2-1/4" THICK FIBERGLASS DUCT WRAP INSULATION AND/OR AS OUTLINED IN SPECIFICATIONS.
- ALL DUCTWORK SHALL BE SEALED AIRTIGHT WITH MASTIC. NO HEAT SENSITIVE, PRESSURE SENSITIVE OR DUCT TAPE ALLOWED ON PROJECT.
- LOW PRESSURE DUCTWORK SHALL BE TESTED AND NOT EXCEED 3% AIRFLOW LOSS AT 2" PRESSURE CLASS. WHEN APPLICABLE, MEDIUM PRESSURE DUCTWORK FROM AIR HANDLER TO VAV BOX SHALL BE PRESSURE TESTED PER SMACNA 4" PRESSURE CLASS.
- ENTIRE MECHANICAL SYSTEMS SHALL BE INSTALLED PER 2021 INTERNATIONAL CODES WITH 2021 SOUTH CAROLINA MODIFICATIONS EXCEPT THE ENERGY CODE SHALL BE 2009 SOUTH CAROLINA ENERGY CONSERVATION CODE. ALSO, ALL LOCAL CODES & AUTHORITY HAVING JURISDICTION SHALL APPLY.
- COORDINATION OF ALL MECHANICAL SYSTEMS WITH OTHER DISCIPLINES IS THE RESPONSIBILITY OF THE CONTRACTOR. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO INSTALLING. CONTRACTOR SHALL NOT PROCEED WITH UNCERTAINTY.
- PROVIDE PLASTIC NAMEPLATES FOR ALL EQUIPMENT SPECIFIED ON PROJECT. LABELING TAG SHALL BE SAME AS EQUIPMENT NUMBER.
- ALL EQUIPMENT, PIPE AND DUCT SHALL BE SEISMICALLY RESTRAINED PER 2021 IBC. SEISMIC RESTRAINT SYSTEMS AS MANUFACTURED BY MASON INDUSTRIES, AMBERBOOTH OR APPROVED EQUAL WHO MUST BE A MEMBER OF VISMA. CONTRACTOR TO PROVIDE SEISMIC CALCULATIONS AND DRAWINGS CERTIFIED AND STAMPED BY AN ENGINEER EMPLOYED BY THE MANUFACTURER. CALCULATIONS TO MEET IBC, IBC, NFPA, ASCE/SEI 7-10, SMACNA AND AUTHORITY HAVING JURISDICTION (AHJ).
- PROVIDE TESTING AND BALANCING OF ALL SYSTEMS BY A THIRD PARTY NEBB CERTIFIED T&B CONTRACTOR. SUBMIT T&B FORMS PRIOR TO PERFORMING WORK FOR APPROVAL.
- GENERAL AND MECHANICAL CONTRACTOR SHALL REVIEW AND APPROVE ALL SHOP DRAWINGS PRIOR TO SUBMITTING TO ENGINEER/ARCHITECT WITH "APPROVED" OR "APPROVED AS NOTED" STAMPS FOR ENGINEER'S 10 CALENDAR DAY REVIEW.

### FAN SCHEDULE

SYMBOL	EF-1	EF-2	EF-3
MANUFACTURER	GREENHECK	GREENHECK	GREENHECK
MODEL NUMBER	SP-A510-VG	SP-A510-VG	SP-B80
AIRFLOW (C.F.M.)	300	300	75
STATIC PRESSURE (IN.)	0.3	0.3	0.3
DRIVE TYPE	DIRECT	DIRECT	DIRECT
DAMPER SIZE (IN)	8x8	8x8	6"Ø
ROOF/WALL OPENING SIZE (IN.)	10"Ø	10"Ø	6"Ø
DISCHARGE CAP NUMBER	WC-10	WC-10	WC-6
SONES	4.5	4.5	0.9
MOTOR INPUT WATTS	47	47	18
FAN R.P.M.	948	948	900
VOLTAGE	115/60/1	115/60/1	115/60/1
LOCATION	BATHROOM	BATHROOM	BATHROOM
WEIGHT (EXCLUDING CURB) (LBS.)	31	31	10

- REMARKS:
- \*PRIOR TO ORDERING, CONTRACTOR SHALL VERIFY VOLTAGE AND ALL ELECTRICAL REQUIREMENTS.
  - PROVIDE DISCONNECT SWITCH, SPEED CONTROLLER, AND GRILLE MOUNTED MOTION DETECTOR.
  - COORDINATE SURFACE MOUNTED INSTALL.
  - PROVIDE BRICK VENT.

### ELECTRIC CEILING HEATER SCHEDULE

SYMBOL	ECH-1	ECH-2
MANUFACTURER	MARKEL	MARKEL
MODEL NUMBER	E3383D-RP	E3383D-RP
TOTAL K.W.	1.5	1.5
B.T.U.	5120	5120
AIR RISE (DEG. F)	27	27
VOLTAGE	120/60/1	120/60/1
THROW (FT)	PER. MFR.	PER. MFR.

- REMARKS:
- PRIOR TO ORDERING, CONTRACTOR SHALL VERIFY VOLTAGE AND ALL ELECTRICAL REQUIREMENTS.
  - PROVIDE WHITE POWDER COATED 20ga GRILLE WITH STANDARD RADIAL DIFFUSER, MANUAL RESET THERMAL LIMIT, PERMANENTLY LUBRICATED TOTALLY ENCLOSED MOTOR, DISCONNECT AND INTEGRAL THERMOSTAT.
  - PLASTER FRAME TRIM FOR SHEETROCK INSTALLATION
  - COORDINATE SURFACE MOUNTED INSTALL.

### ELECTRIC WALL HEATER SCHEDULE

SYMBOL	EW-1	EW-2
MANUFACTURER	MARKEL	MARKEL
MODEL NUMBER	E3321TD-RP	E3321TD-RP
TOTAL K.W.	0.75	0.75
B.T.U.	2560	2560
AIR RISE (°F)	13.5	13.5
VOLTAGE	115/60/1	115/60/1
MOUNTING TYPE	SURFACE	SURFACE

- REMARKS:
- PRIOR TO ORDERING, CONTRACTOR SHALL VERIFY VOLTAGE AND ALL ELECTRICAL REQUIREMENTS.
  - PROVIDE FORCED AIR HEATER WITH TOTALLY ENCLOSED, PERMANENTLY LUBRICATED MOTOR, MANUAL RESET THERMAL OVERLOAD, INTEGRALLY MOUNTED THERMOSTAT, INTEGRAL CIRCUIT BREAKER, HORIZONTAL STEEL LOUVERS WITH ANODIZED ALUMINUM FRAME MOUNTED IN 16ga STEEL ZINC COATED ENCLOSURE WITH TAMPER-RESISTANT SCREWS.
  - PROVIDE FULL SURFACE MOUNTING EXTENSION FRAME.

### SPECIFICATIONS:

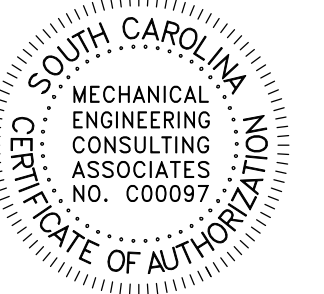
1. EXHAUST FAN & WALL CAPS BY GREENHECK OR APPROVED EQUAL.
2. ALL DUCTWORK TO BE GALVANIZED SHEET METAL CONSTRUCTED WITH LATEST S.M.A.C.N.A. STANDARDS.
3. MAXIMUM FLEX DUCT RUNS TO BE 8'-0".
4. PRIOR APPROVALS MUST BE SUBMITTED 10 DAYS PRIOR TO BID DATE FOR REVIEW.
5. ELECTRIC HEATERS BY MARKEL OR APPROVED EQUAL. UNIT SHALL BE EQUIPPED WITH MANUAL RESET THERMAL OVERLOAD. UNIT THERMOSTATIC CONTROLS SHALL BE CONCEALED WITHIN UNIT.
6. PROVIDE THIRD PARTY TEST AND BALANCE OF ALL EFFECTED HVAC SYSTEMS. SUBMIT TEST AND BALANCE REPORT TO ENGINEER FOR REVIEW. BALANCE DIFFUSERS TO WITHIN 10% OF INDICATED AIRFLOW.



Lancaster County School District



701-A LADY STREET  
COLUMBIA, SOUTH CAROLINA 29201  
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**LANCASTER BASEBALL RESTROOM**

970 Stadium Dr, Lancaster, SC 29720

DISTRICT FIVE PROJECT: 2014-012  
LS3P PROJECT: Project Number

DATE	DESCRIPTION



2330 Main St.  
Columbia, South Carolina 29201  
Phone: (803) 765-9421  
www.mecainc.com

Designed: CAB  
Approved: PPC  
Job No.: 23345  
Plot Date: 03/15/2024

SHEET NAME:  
**MECHANICAL SCHEDULES**

ORIG SUBMISSION: 03/15/24

SHEET:  
**M201**

CONSTRUCTION DOCUMENTS



THESE DRAWINGS BE EXACTLY  
DIMENSIONED AND  
CONFORM TO ALL  
REQUIREMENTS.

E

D

C

B

A

Professional Engineer Seal for Demario Stover, License No. 21589, State of South Carolina, dated 07/25/2024.

Professional Engineer Seal for GWA, Inc., License No. C00825, State of South Carolina, dated 07/25/2024.

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LANCASTER HS BASEBALL RESTROOM  
970 Stadium Dr. Lancaster, SC 29720  
DISTRICT FIVE PROJECT: 2014-012  
LS3P PROJECT: 2201-2311925

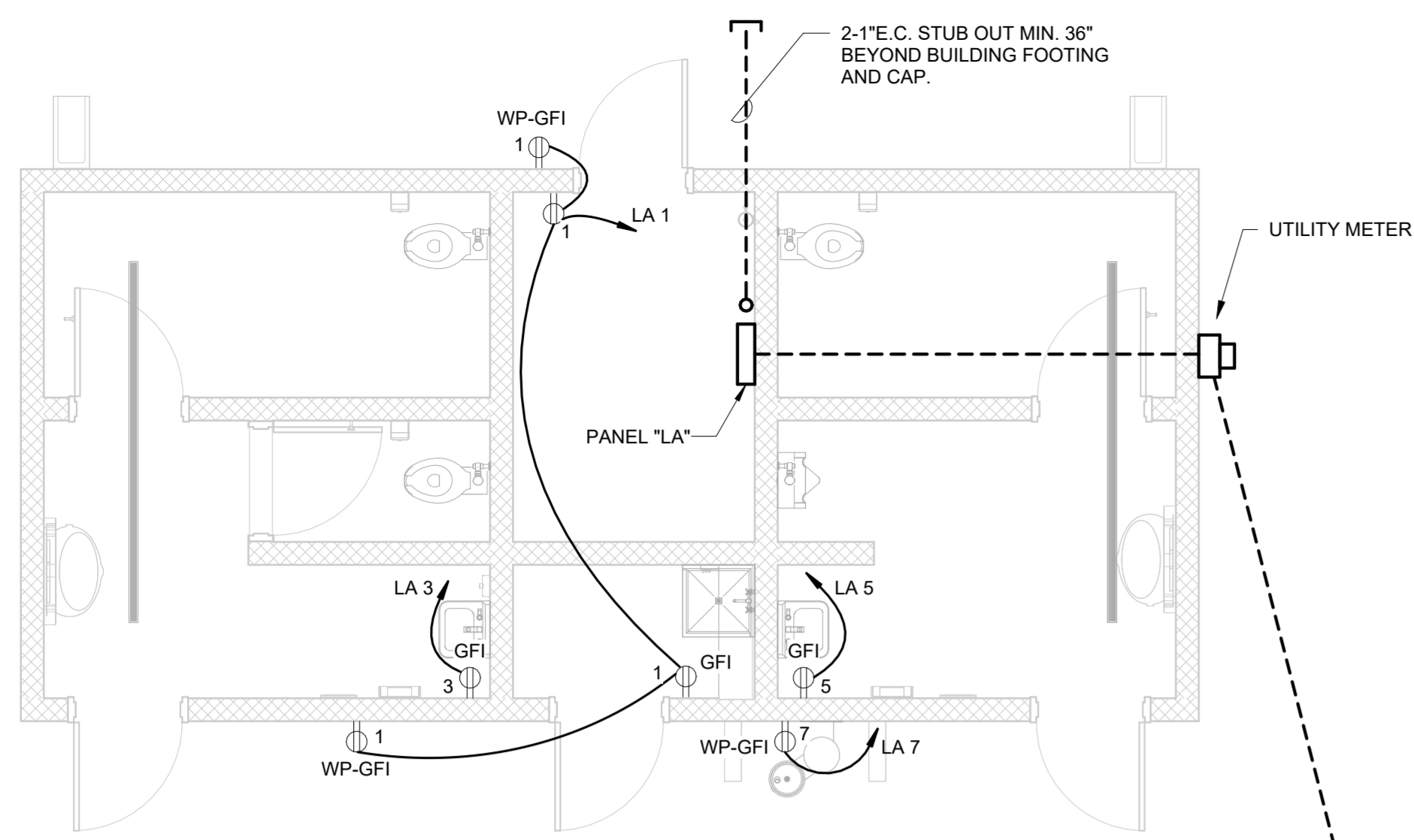
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SHEET NAME:  
ELECTRICAL PLANS

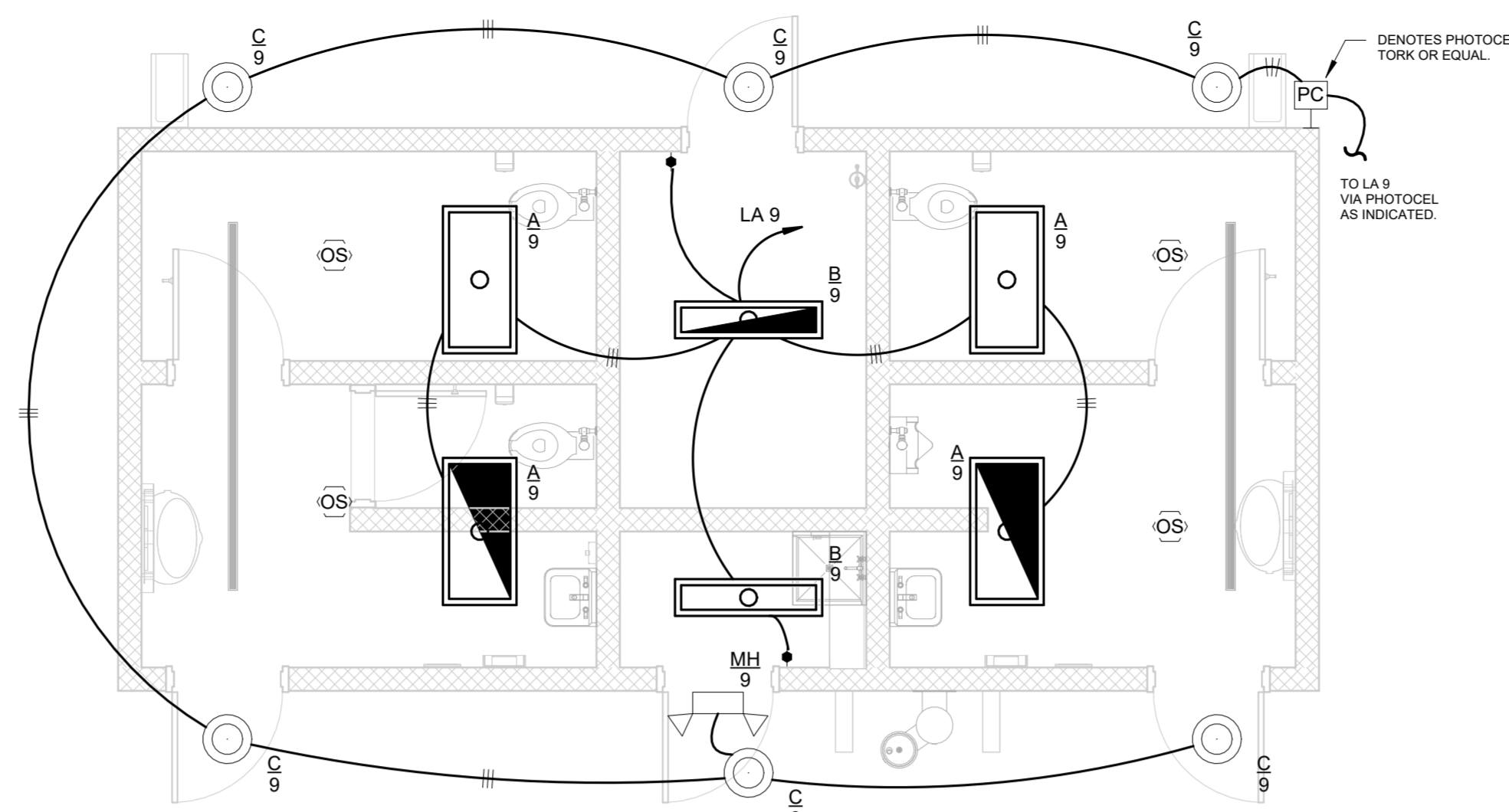
ORIG SUBMISSION: 07/25/24

SHEET: E101

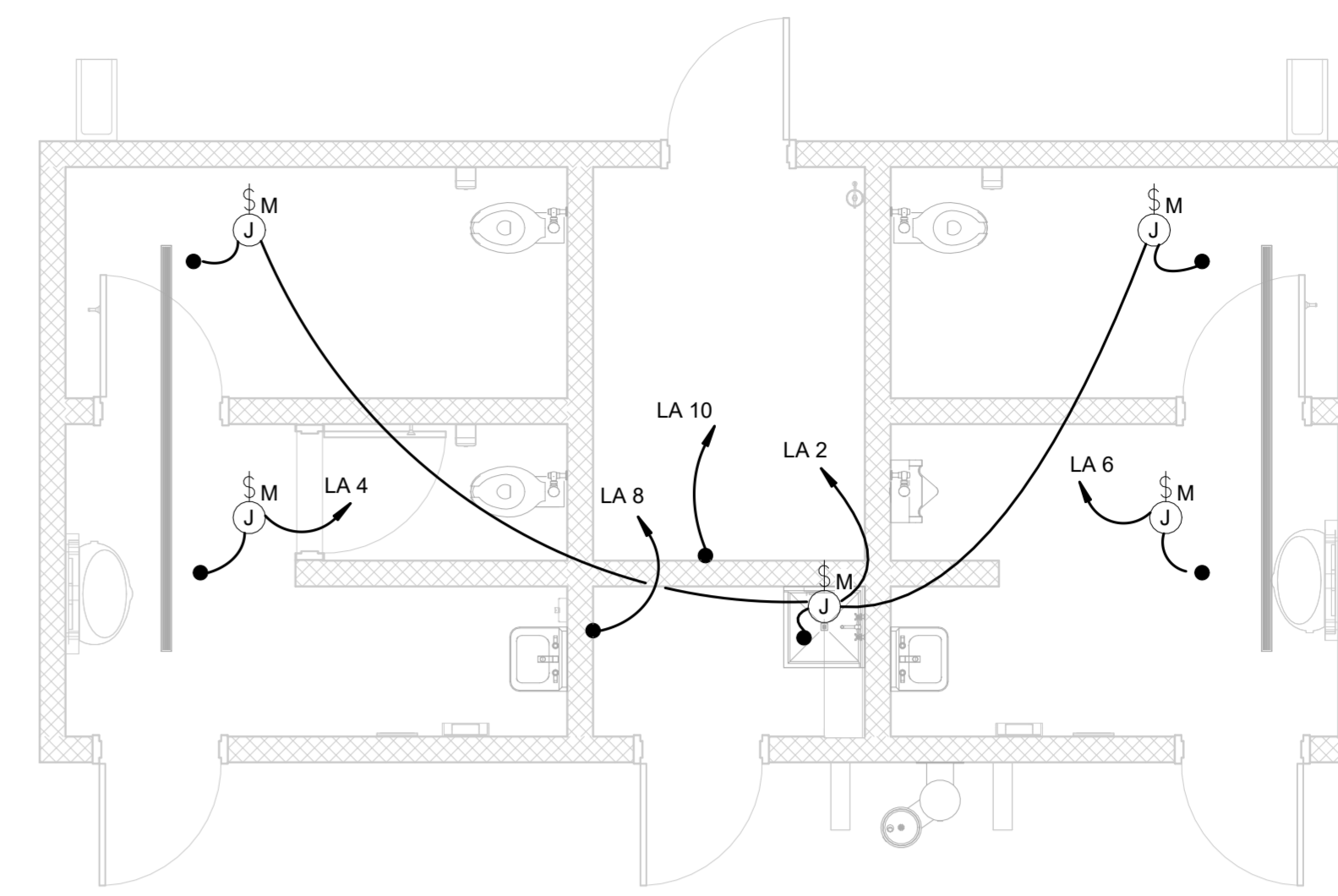
CONSTRUCTION DOCUMENTS



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



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



3 ELECTRICAL SYSTEMS PLAN  
1/4" = 1'-0"

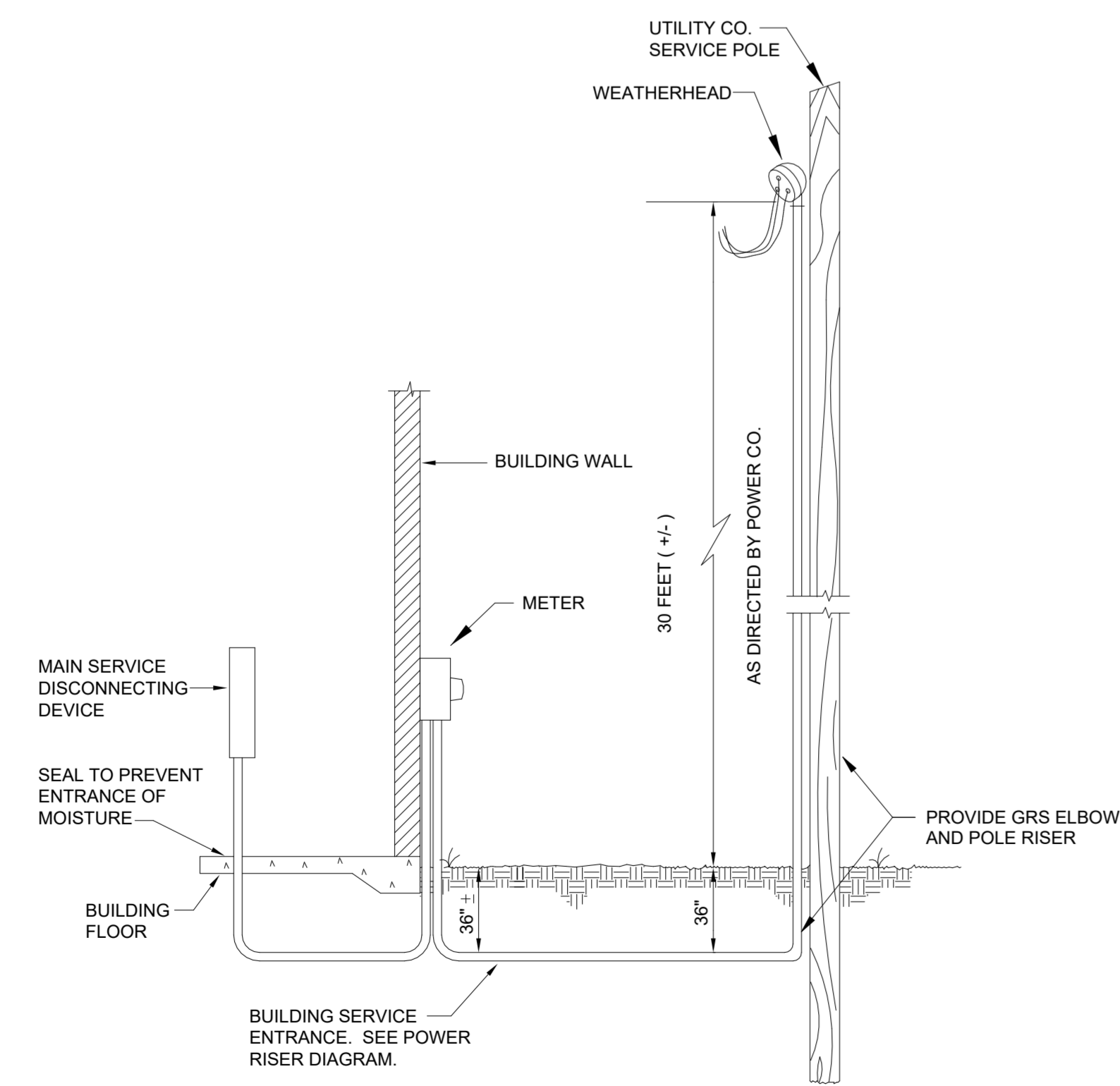


Table with columns: CKT, Circuit Description, AMP, PH, Wire, COND, A, B, A, B, COND, Wire, PH, AMP, Circuit Description, CKT. Includes total load information: Total Load: 4 kVA, 8057 VA, 34 A.

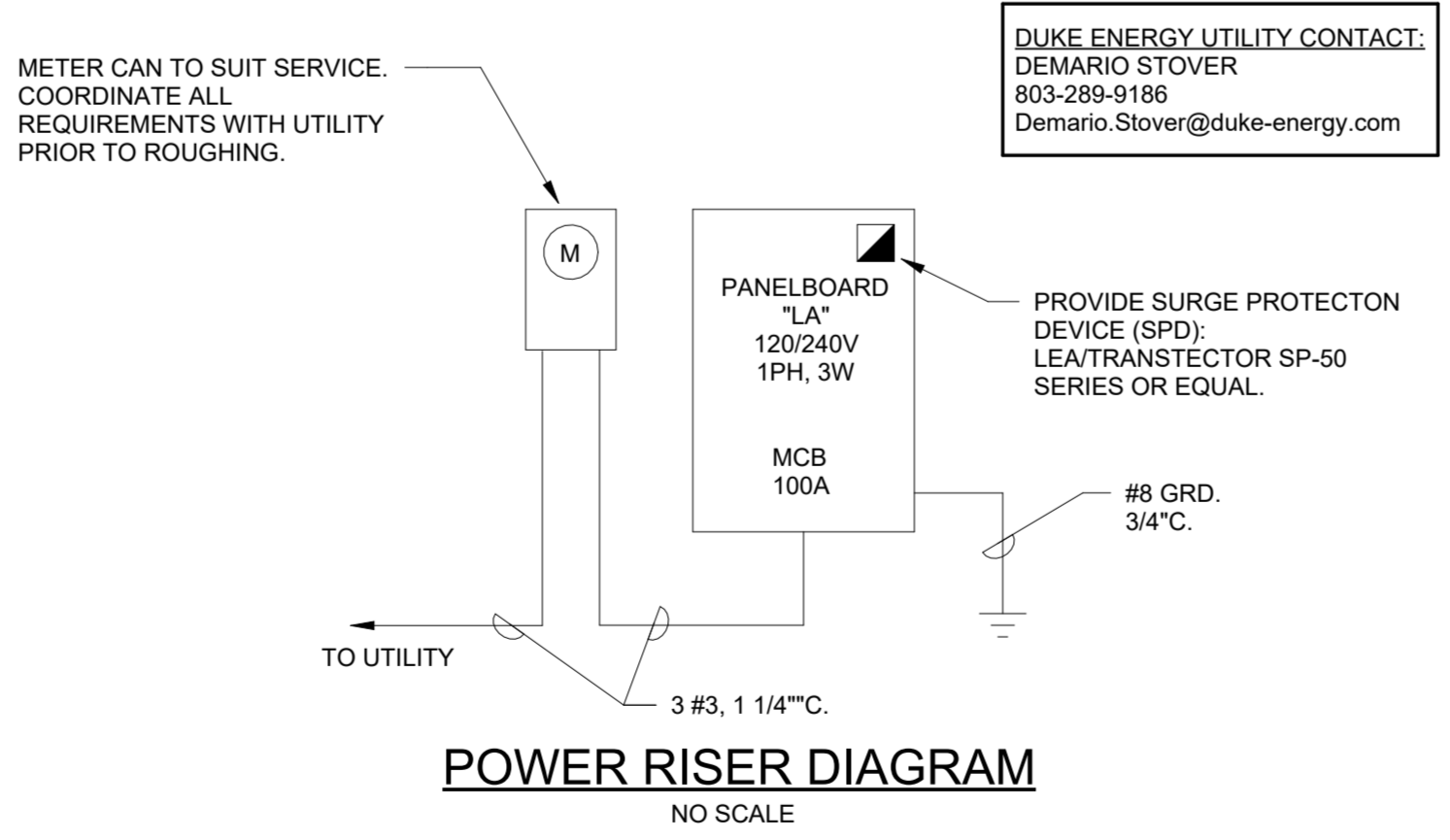
Table with columns: SYMBOL, DESCRIPTION, MANUFACTURER, CATALOG NUMBER, VOLTAGE, WATTAGE, NOTES. Lists fixtures like edge-lit flat panels, LED strip lights, and emergency egress fixtures.

NOTES TO LIGHTING FIXTURE SCHEDULE  
1. LOCATE ALL FIXTURES IN STRICT ACCORDANCE WITH ARCHITECTURAL REFLECTED CEILING PLAN.  
2. PROVIDE ALL HALF-SHADED FIXTURES WITH EMERGENCY BATTERY UNIT, BODINE, IOTA, DUAL-LITE OR EQUAL. BATTERY UNITS SHALL BE DESIGNED AND RATED FOR USE WITH LED LUMINAIRES AND OF APPROPRIATE TYPE AND WATTAGE TO SUIT LED DRIVERS FURNISHED - MINIMUM 90 MINUTE RATING. CONNECT COMPLETE TO UPON CIRCUIT FAILURE, ON SWITCH ON-OFF WITH ROOM/AREA LIGHTING AND REGARDLESS OF SWITCH POSITION.

NOTES TO OCCUPANCY SENSORS  
1. SENSOR LOCATIONS ARE SCHEMATIC ONLY AND LOCATIONS SHOWN ARE INTENDED TO INDICATE AREA TO BE CONTROLLED BY SENSORS. PROVIDE ACTUAL QUANTITY, LOCATION AND TYPE OF SENSOR AS REQUIRED TO PROVIDE FULL COVERAGE FOR EACH SPACE INDICATED. SEE SPECIFICATIONS FOR SPECIFIC REQUIREMENTS.  
2. ALL LAYOUTS AND INSTALLATION SHALL BE BASED ON APPROVED VENDOR SHOP DRAWINGS. ROUGH ONLY FROM THESE SHOP DRAWINGS AND COMPLY WITH ALL MANUFACTURER INSTALLATION INSTRUCTIONS.  
3. AT CONTRACTOR'S OPTION, SYSTEM MAY BE DIGITAL OR LOW VOLTAGE TYPE AND MAY UTILIZE SELF-CONTAINED DEVICES OR SEPARATE POWER PACKS/RELAYS.  
4. RESTROOMS, STORAGE ROOMS, JANITOR CLOSETS, EQUIPMENT ROOMS AND SIMILAR SPACES SHALL BE CONFIGURED AS AUTOMATIC ON/OFF WITH MANUAL OVERRIDE FUNCTION (OCCUPANCY SETTING). ALL OTHER SPACES SHALL BE CONFIGURED AS MANUAL ON, AUTOMATIC OFF WITH MANUAL OVERRIDE FUNCTION (VACANCY SETTING).  
5. ROOMS INDICATED WITH BOTH OCCUPANCY SENSORS AND MULTI-LEVEL SWITCHING OR DIMMING SHALL MAINTAIN FULL MANUAL CONTROL ABILITY FOR ADJUSTING LIGHTING LEVELS.  
6. SENSORS MOUNTED OVER DOORWAYS SHALL BE PLACED A MINIMUM OF ONE FOOT INSIDE THRESHOLD.  
7. ULTRASONIC SENSORS SHALL BE LOCATED A MINIMUM OF SIX(6) FEET FROM HVAC SUPPLY/RETURN, CEILING FANS AND OTHER AIR MOVEMENT DEVICES.  
8. ADJUST SENSOR LOCATIONS IN FIELD AS REQUIRED TO AVOID LINE-OF-SIGHT CONFLICTS WITH STRUCTURE, SUSPENDED LIGHTING, MECHANICAL DUCTWORK, CASEWORK, BULKHEADS AND OTHER ARCHITECTURAL OR BUILDING FEATURES. SENSORS SHALL NOT FALSE TRIGGER FROM ADJACENT SPACES.  
9. SENSORS INSTALLED IN DAMP OR WET LOCATIONS SHALL BE UL LISTED FOR USE IN RESPECTIVE AREA.  
10. CONTRACTOR IS RESPONSIBLE FOR PROPER SENSITIVITY AND TIME DELAY SETTINGS FOR NON-ADAPTIVE PRODUCTS.  
11. IF MULTIPLE CIRCUITS ARE TO BE CONTROLLED BY A SINGLE SENSOR OR GROUP OF SENSORS, AUXILIARY RELAYS MAY BE UTILIZED IN CONJUNCTION WITH POWER PACKS.



UNDERGROUND SERVICE ENTRANCE  
NOT TO SCALE



POWER RISER DIAGRAM  
NO SCALE

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