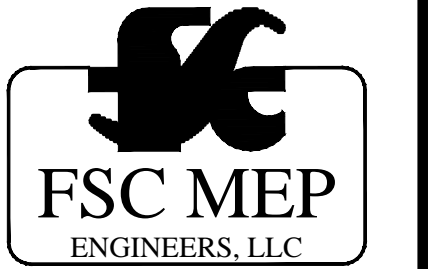


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**Building 'C' Renovations
FOR
KMT WATERJET SYSTEMS, Inc.
Baxter Springs, Cherokee County, Kansas**

KMT Waterjet Systems
635 W. 12th St.
Cherokee County
Baxter Springs, KS



E Kyle Denham
ARCHITECT - 6200

DATE
July, 2015

DRAWN BY: TRB JKM	CHECKED BY: EKD
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FLOOR PLANS

SHEET NUMBER

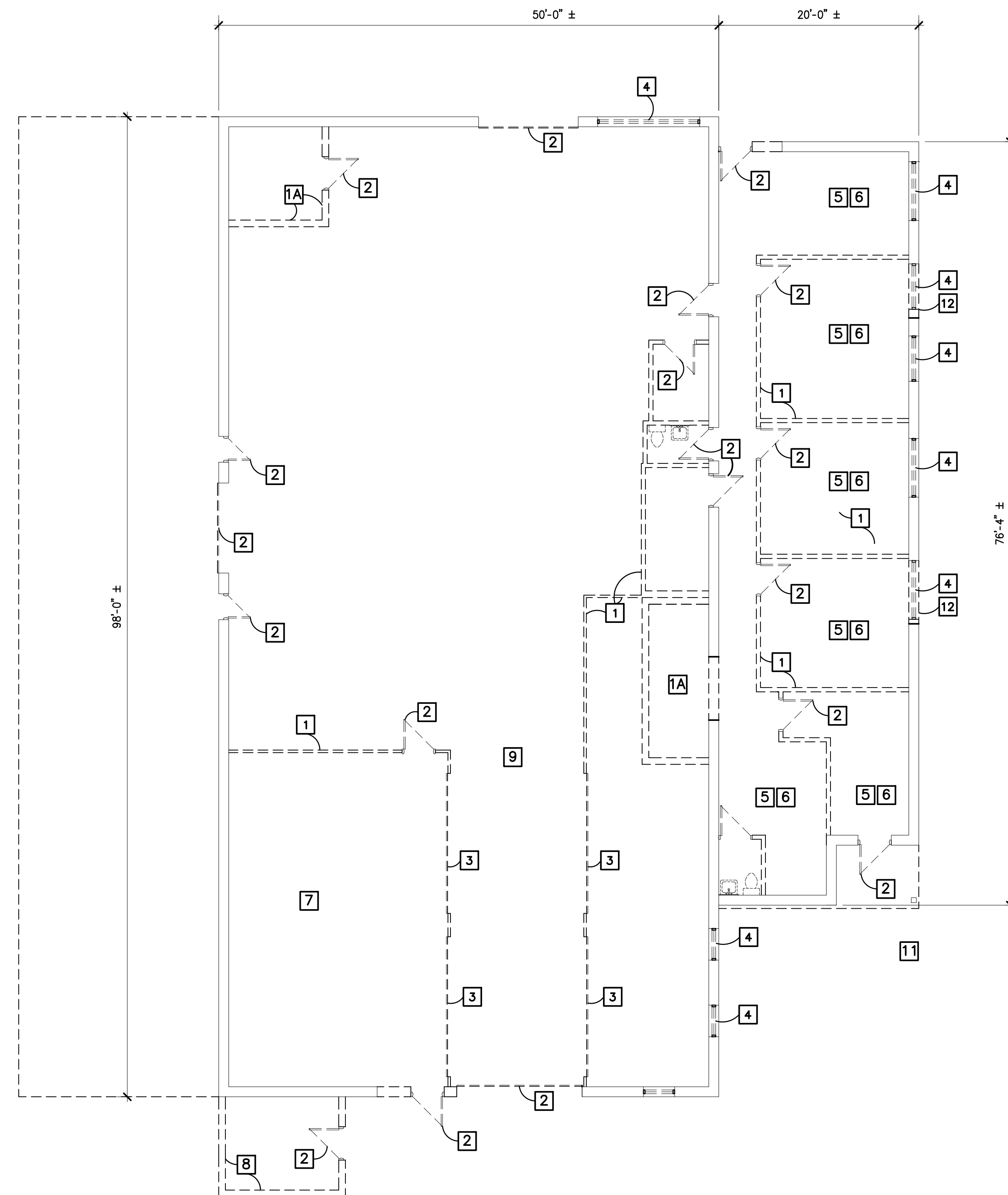
A1.1

KEY NOTES

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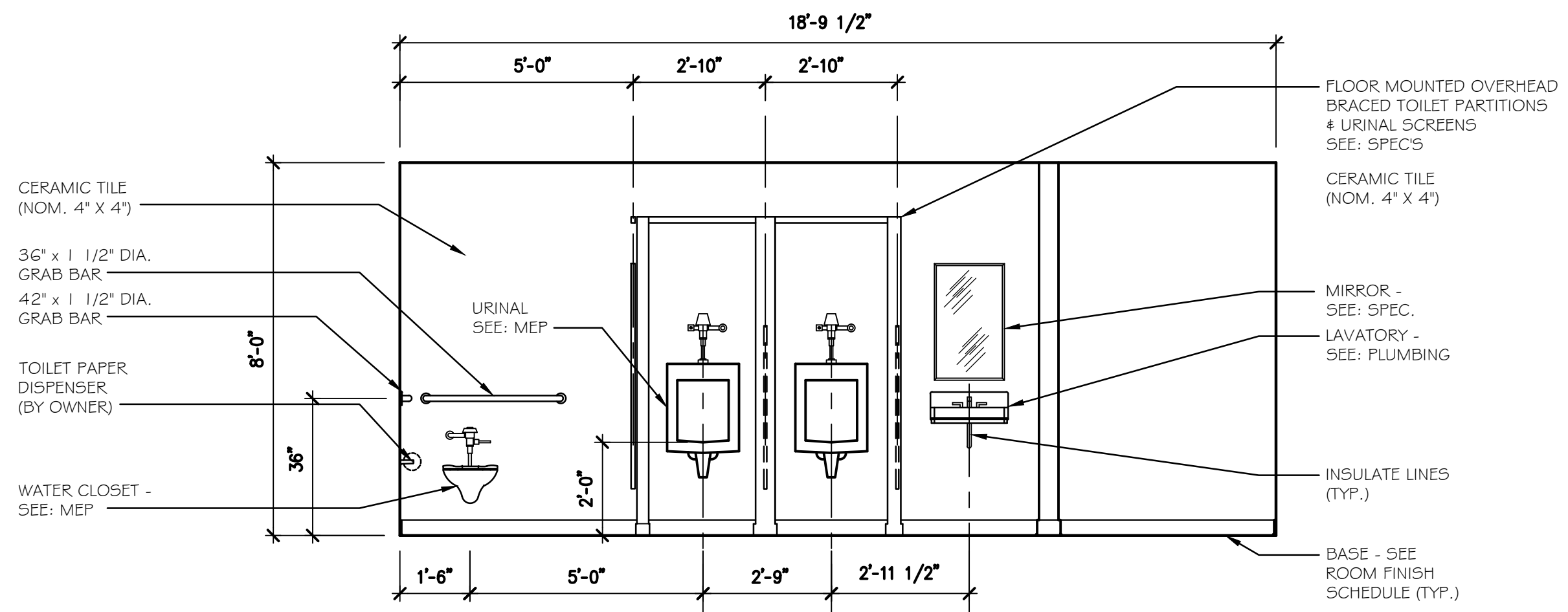
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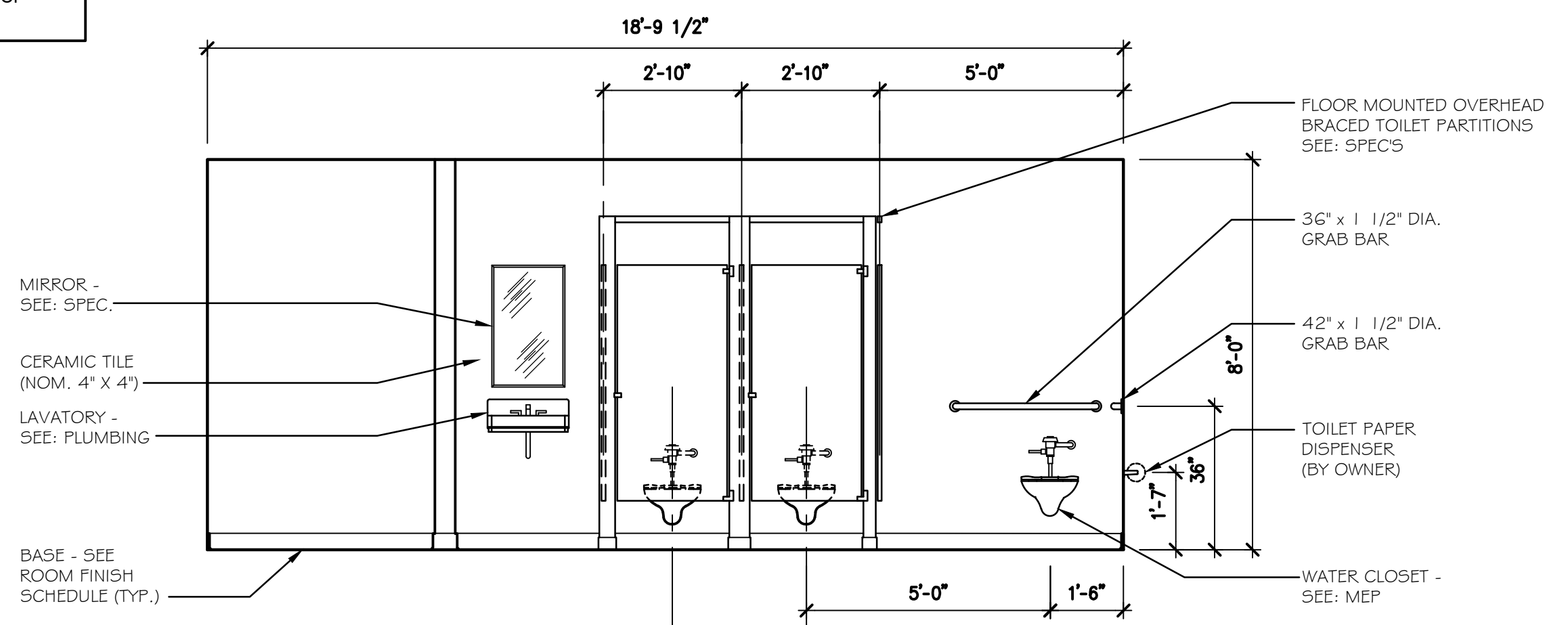
**BUILDING 'C'
DEMO PLAN**
SCALE 1/8" = 1'-0"



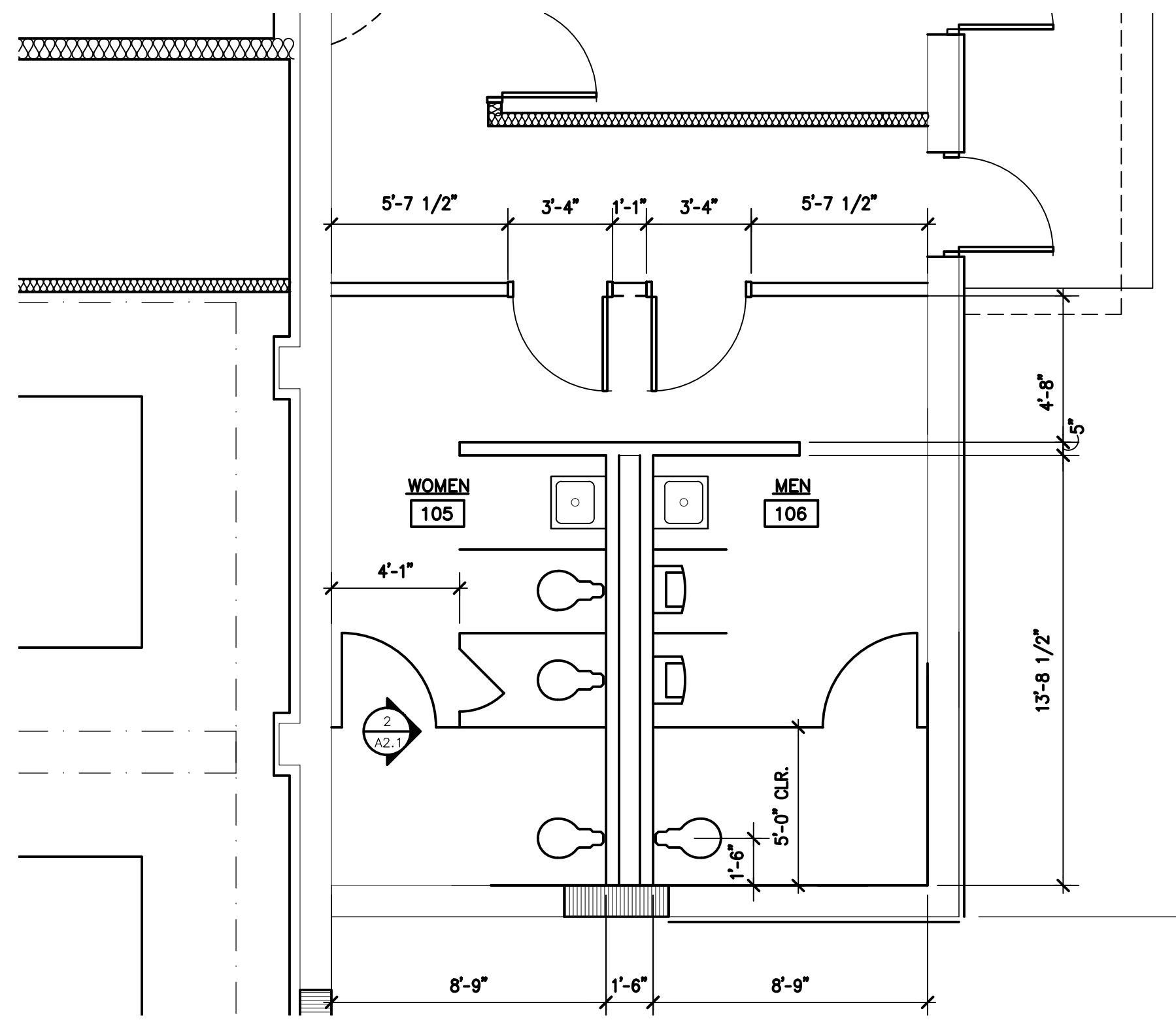


MEN'S TOILET ELEVATION
SCALE 3/8" = 1'-0" A2.1

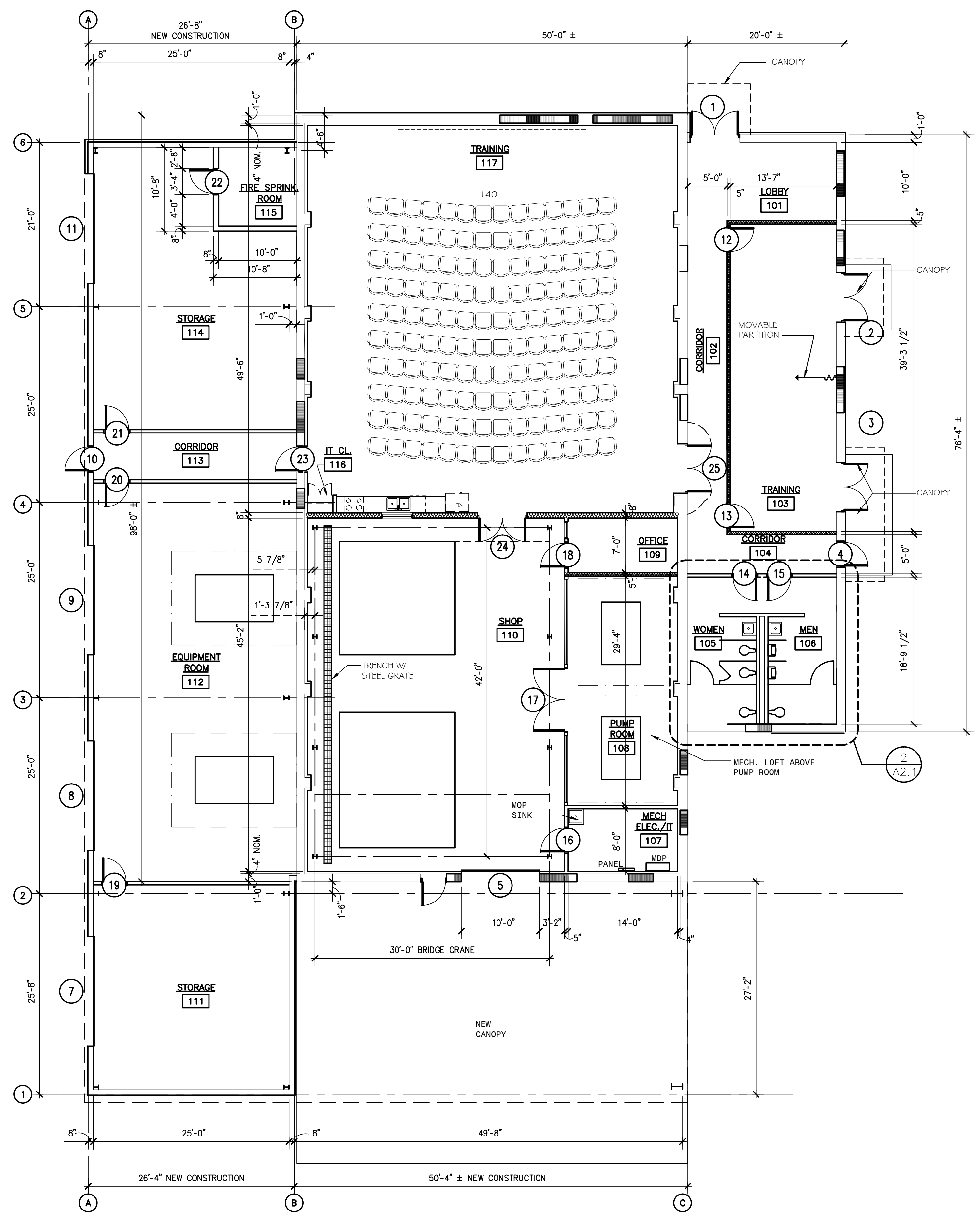
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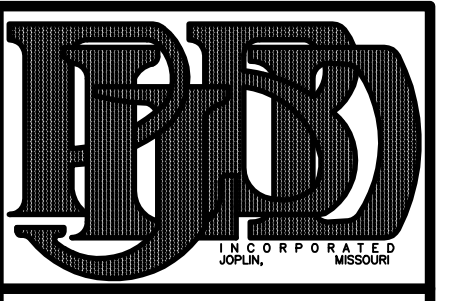
WOMEN'S TOILET ELEVATION
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ENLARGED FLOOR PLAN
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BUILDING 'C' FLOOR PLAN
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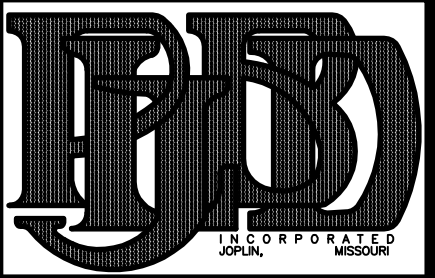
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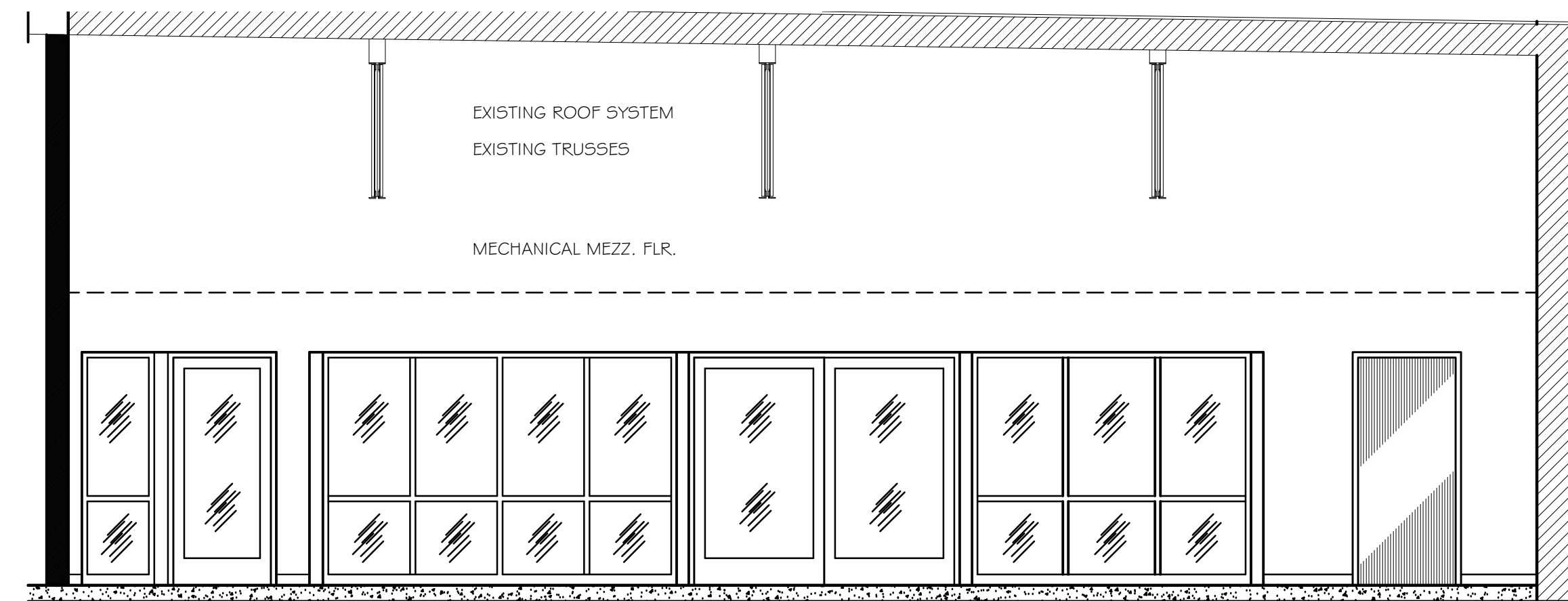
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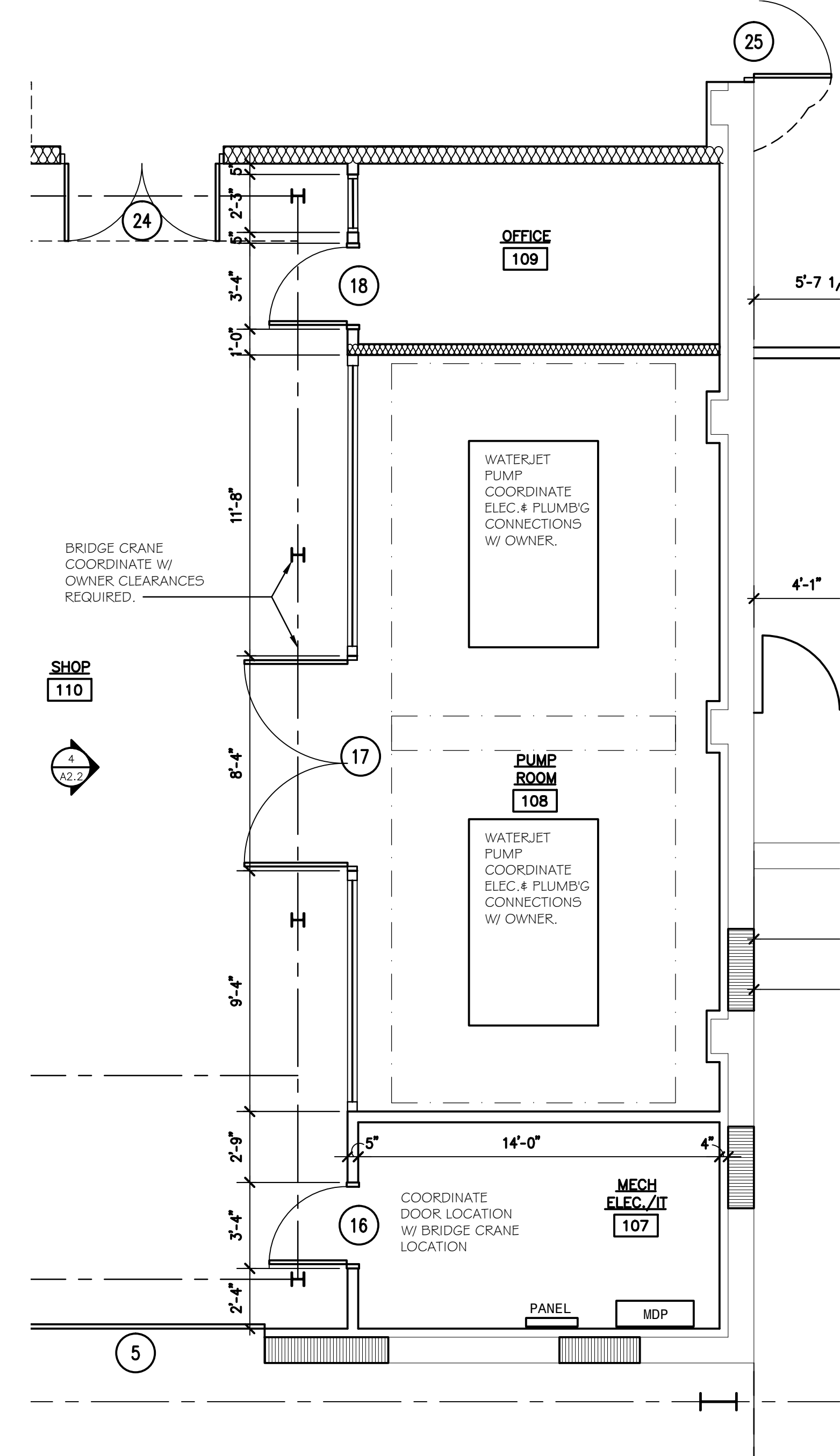
FLOOR PLANS
SHEET NUMBER

A2.2



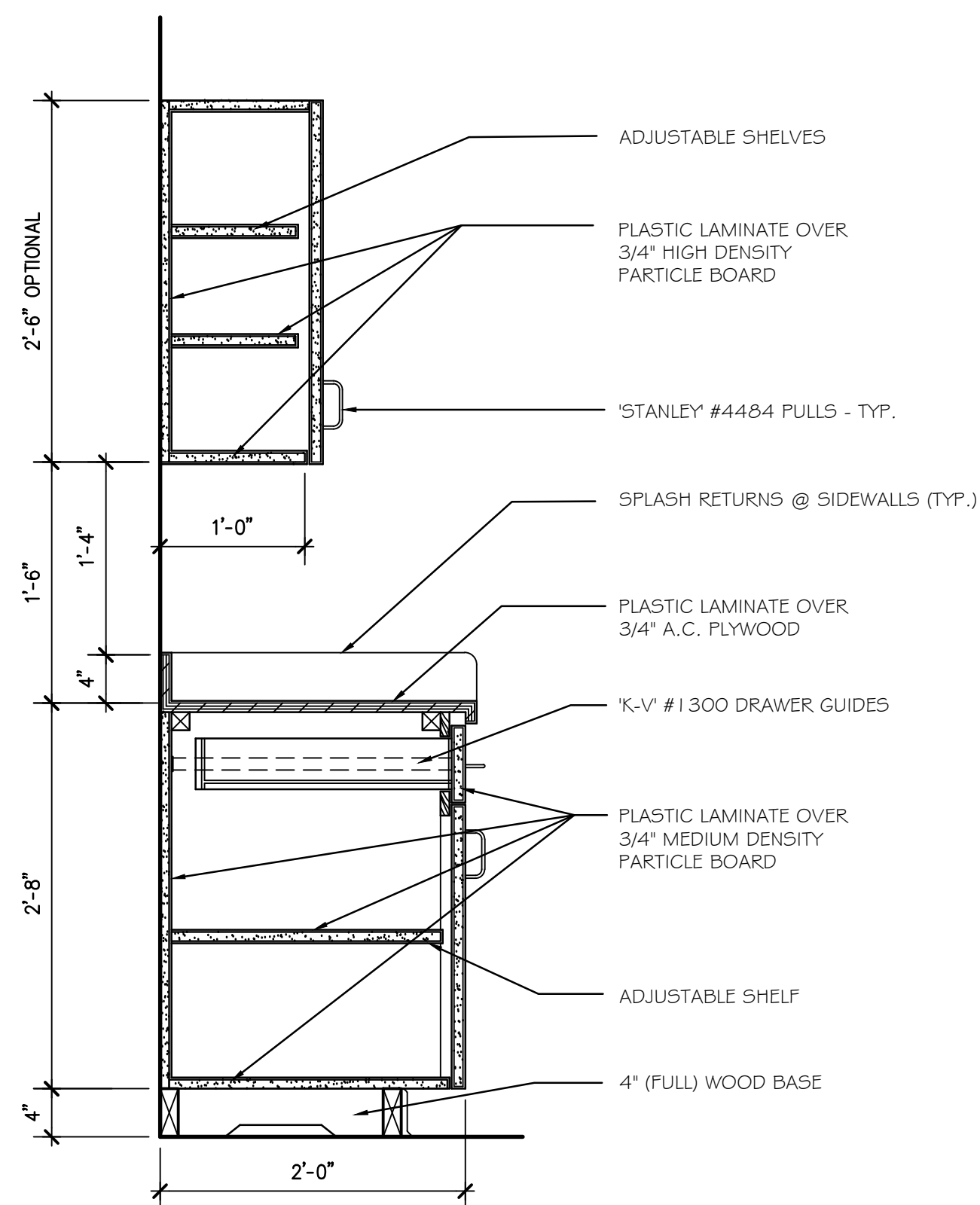
STOREFRONT ELEVATION

SCALE 1/4" = 1'-0" (A2.2)



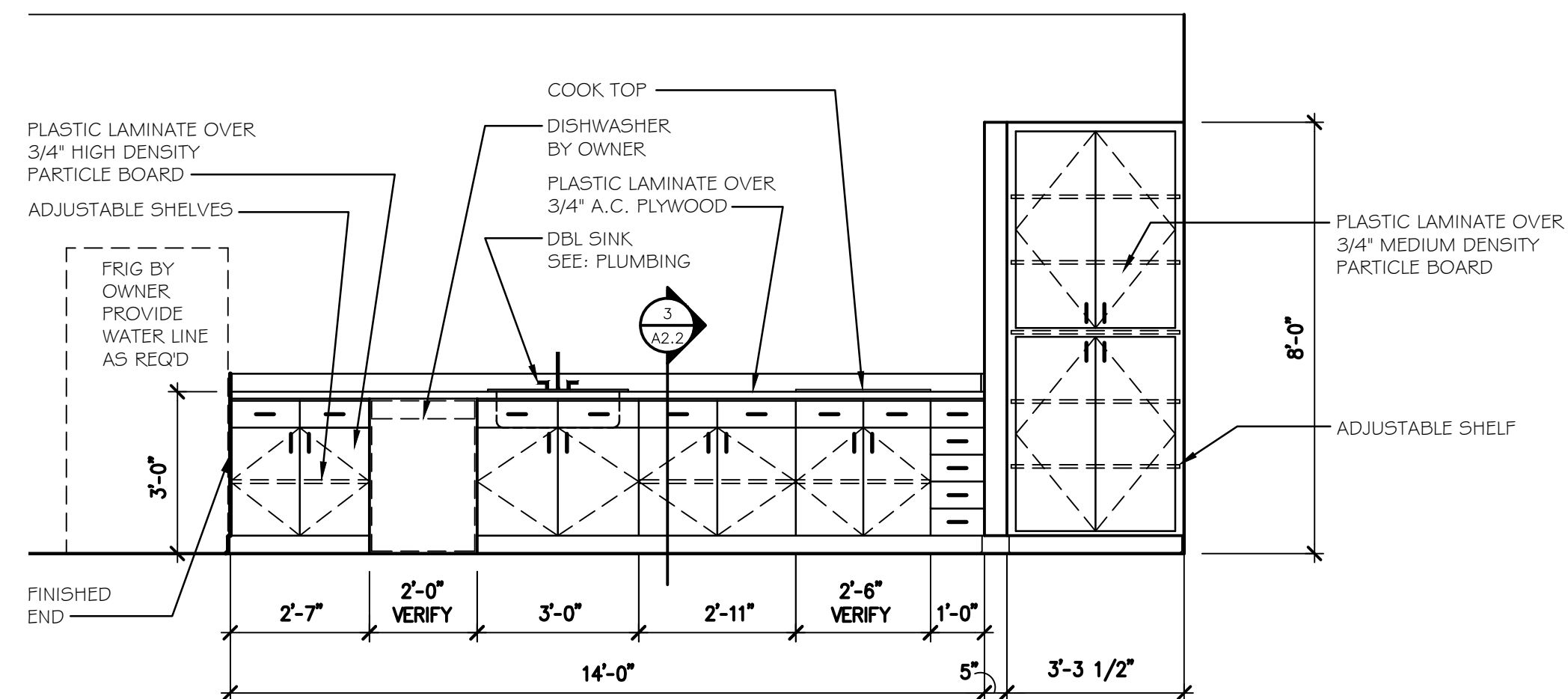
**BUILDING 'C'
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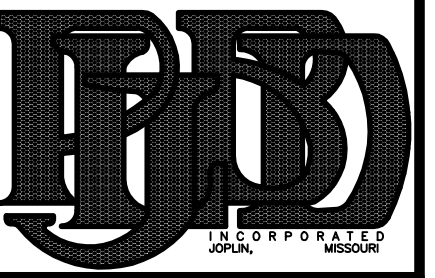
KITCHENETTE ELEVATION

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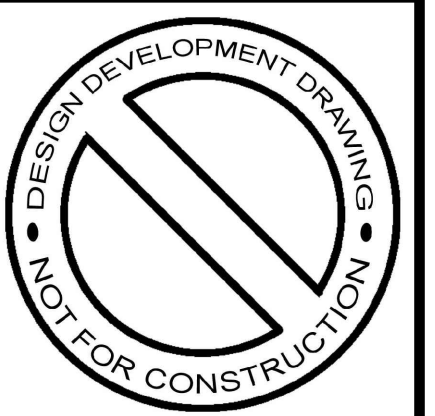


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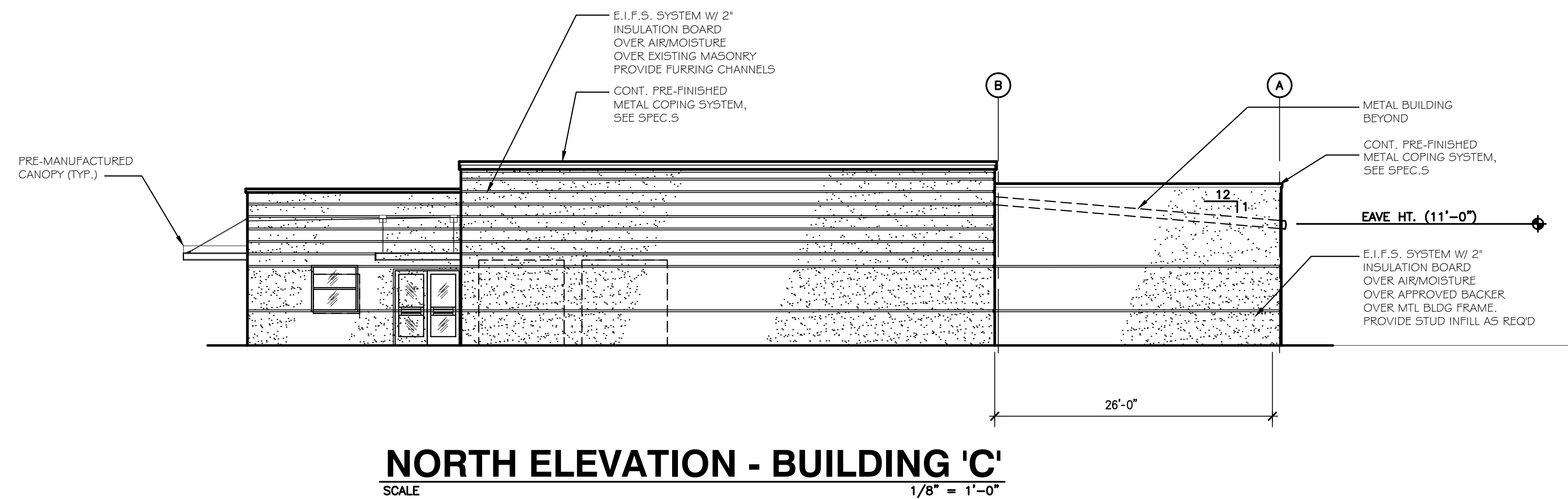
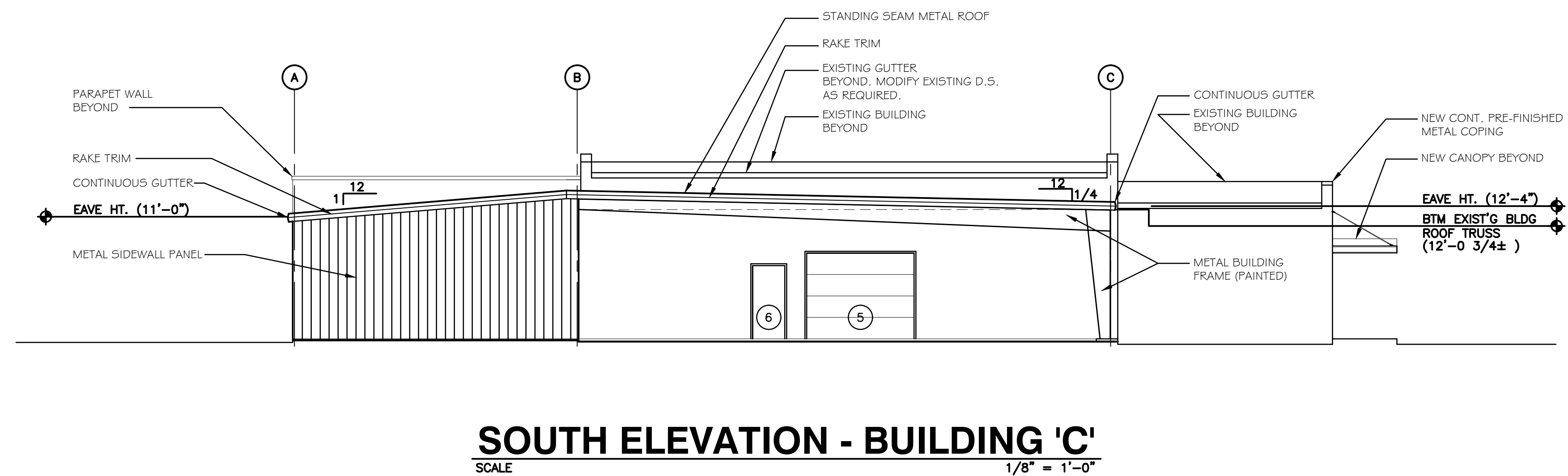
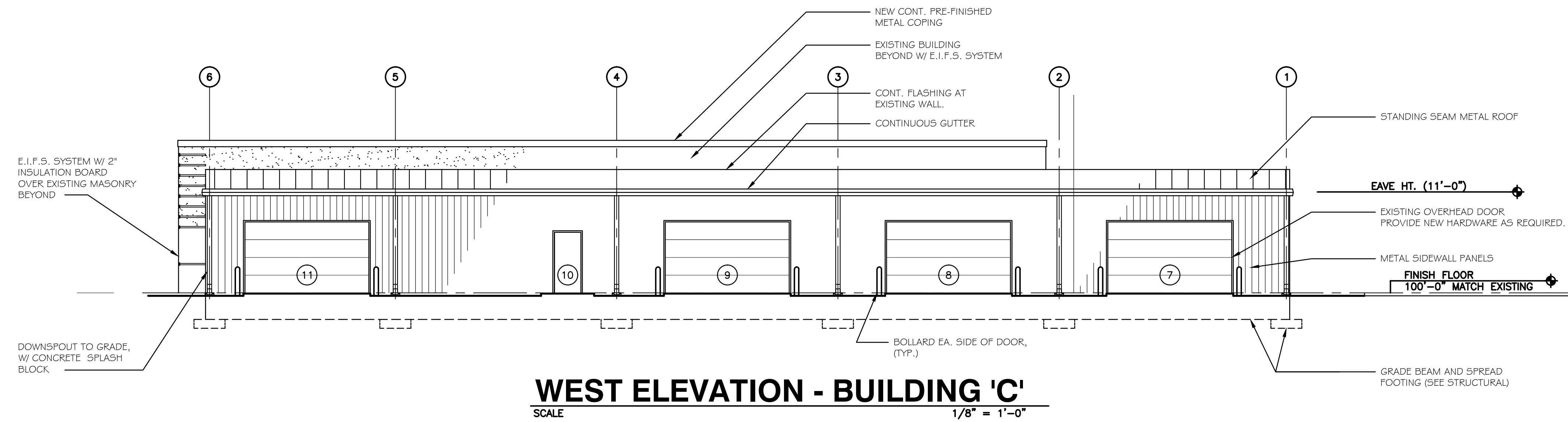
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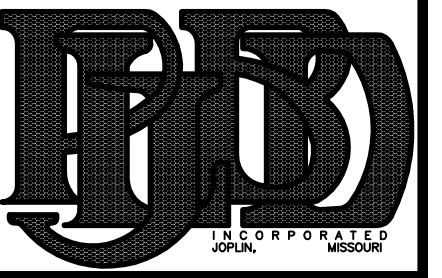
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Exterior Elevations

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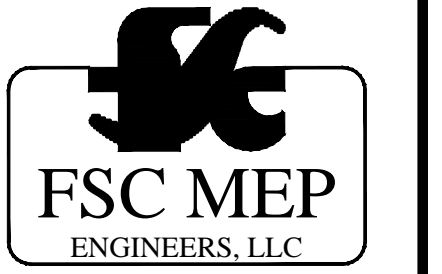
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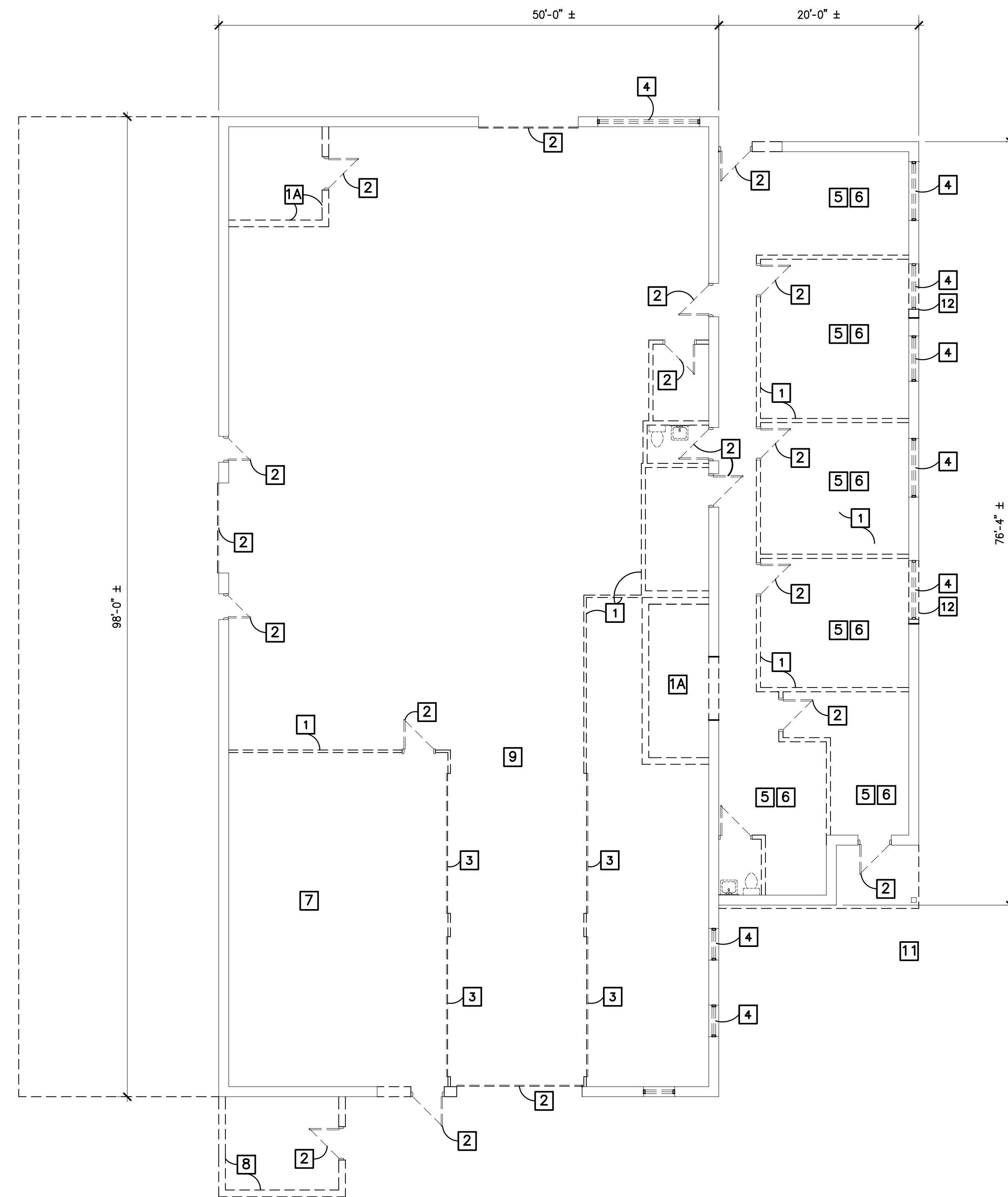
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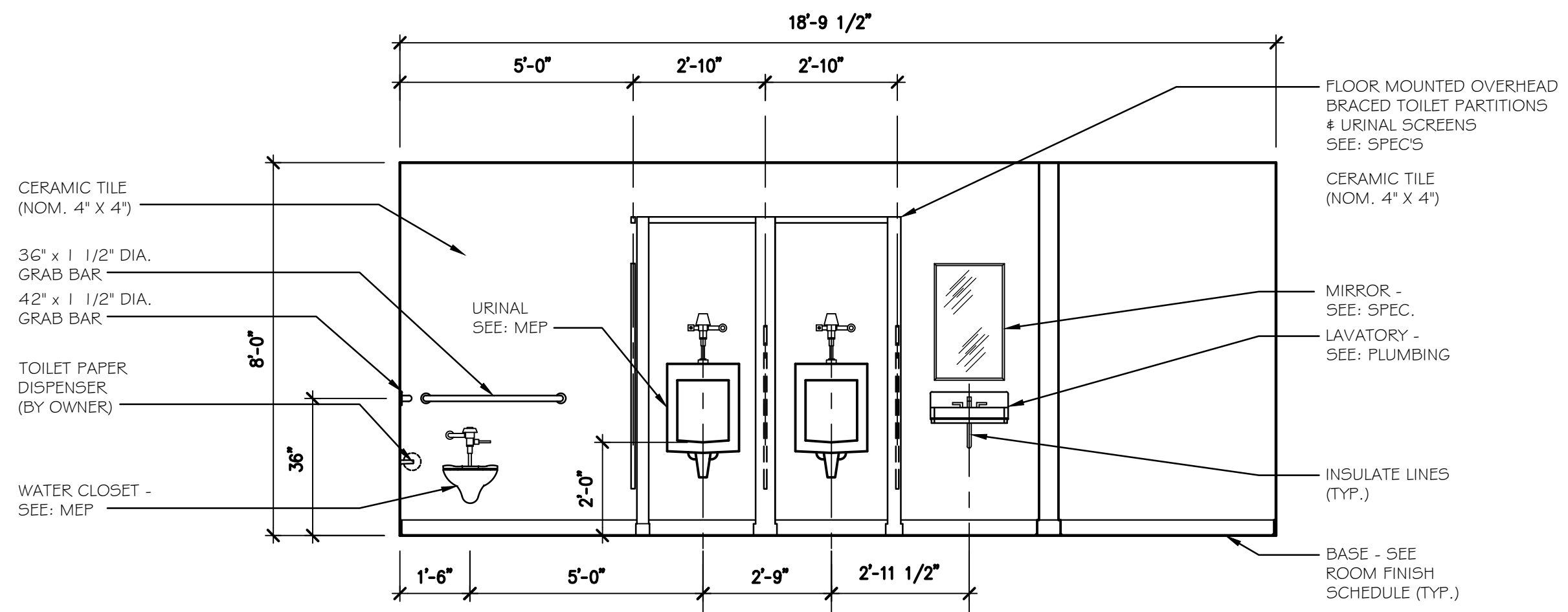
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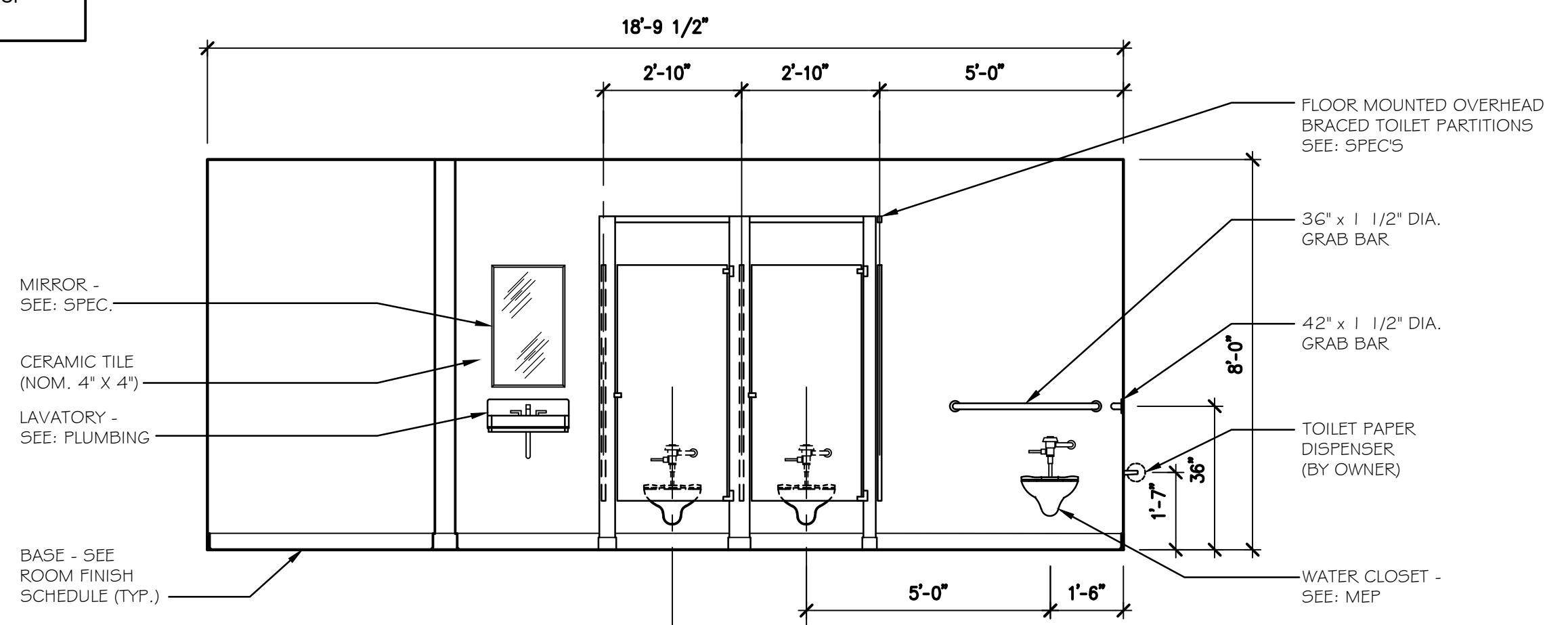
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SCALE 1/8" = 1'-0"



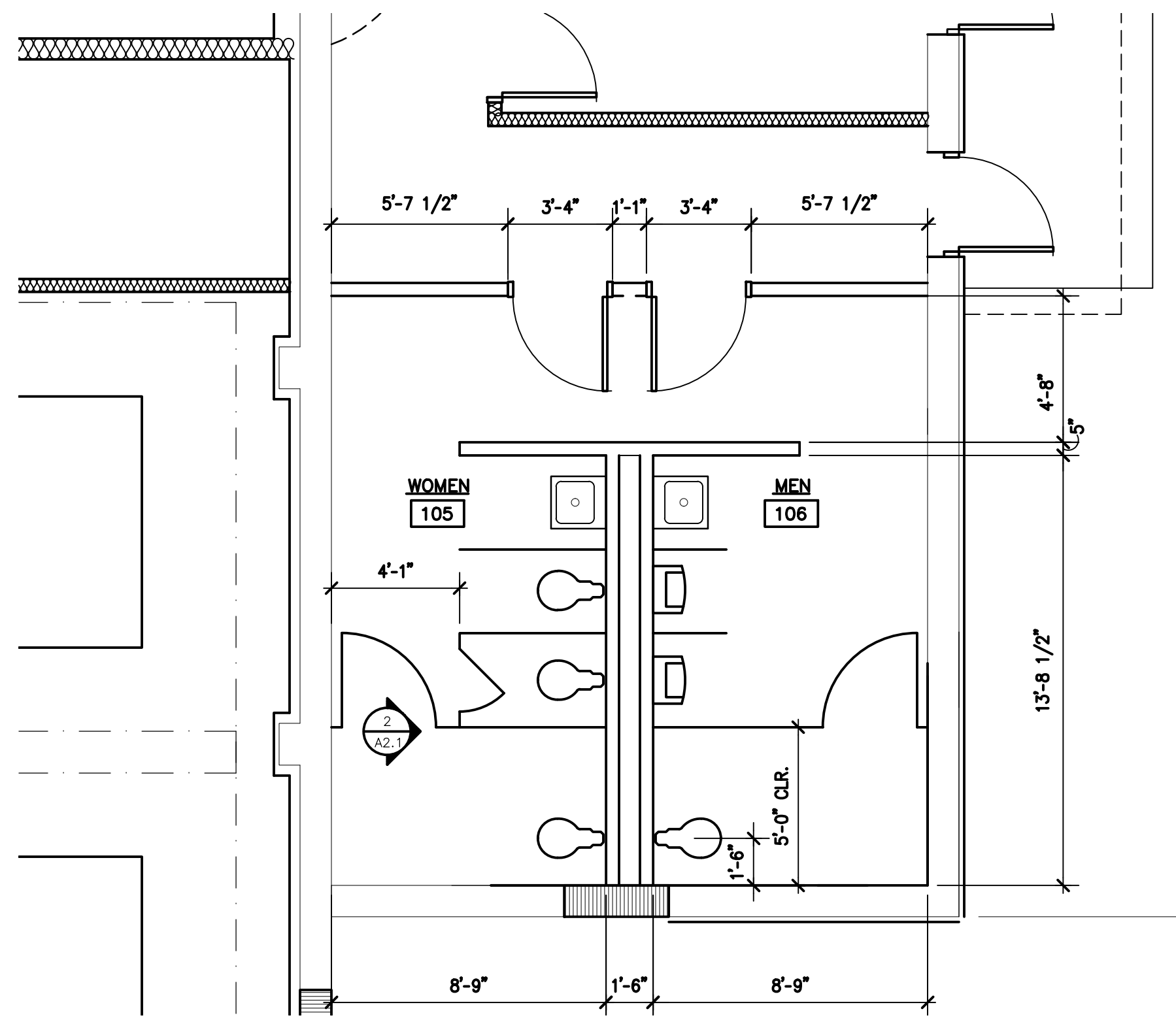


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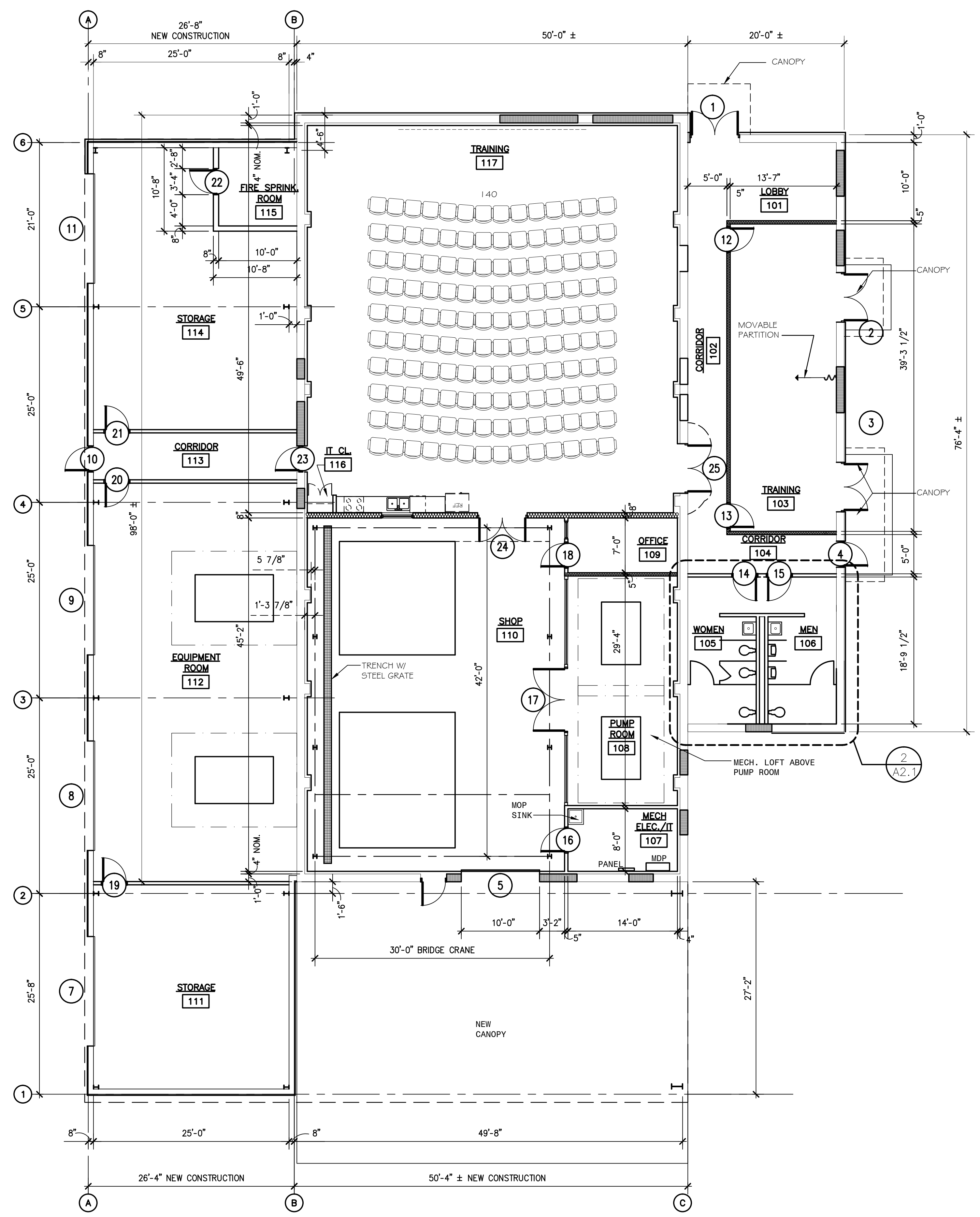
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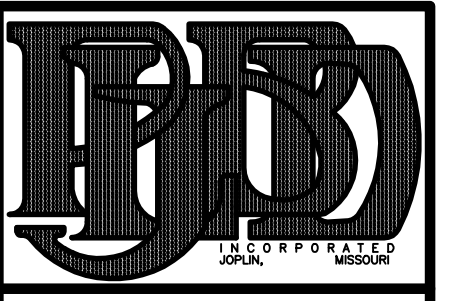
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SCALE 1/4" = 1'-0" A2.1



BUILDING 'C' FLOOR PLAN
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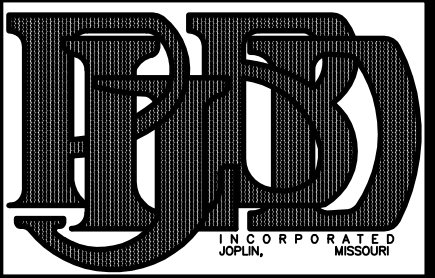
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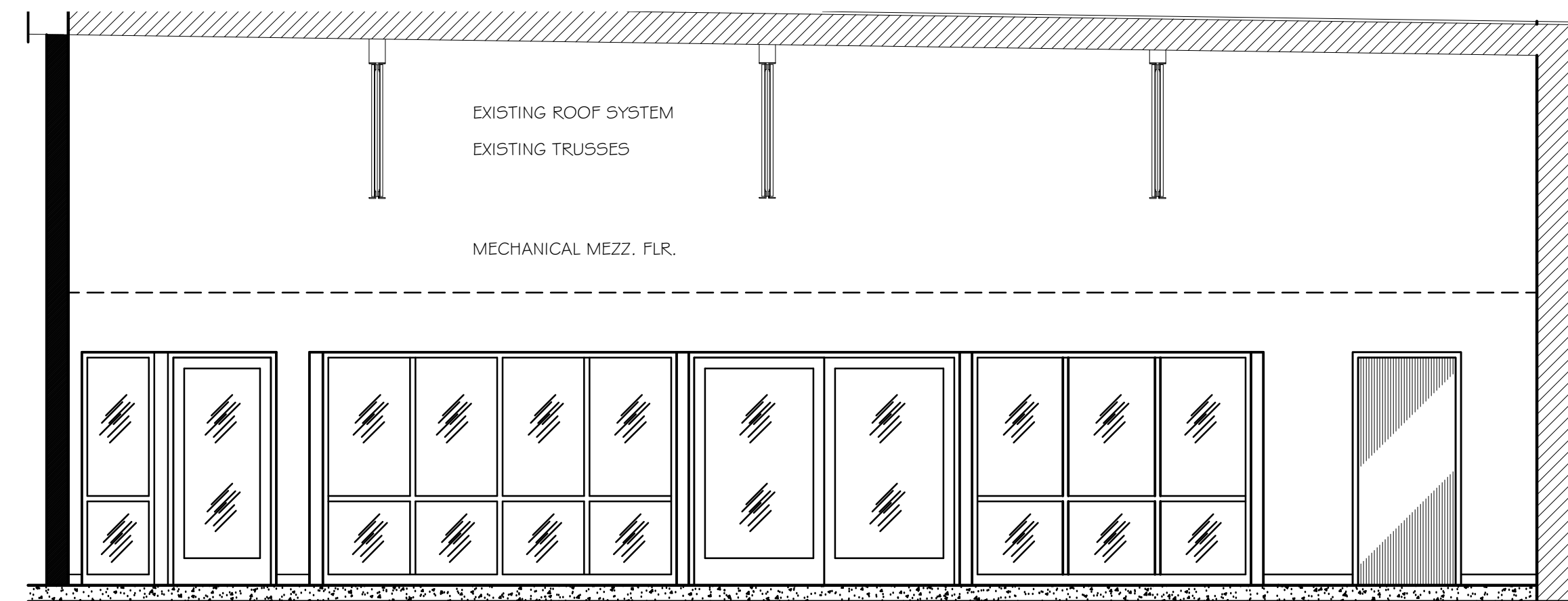
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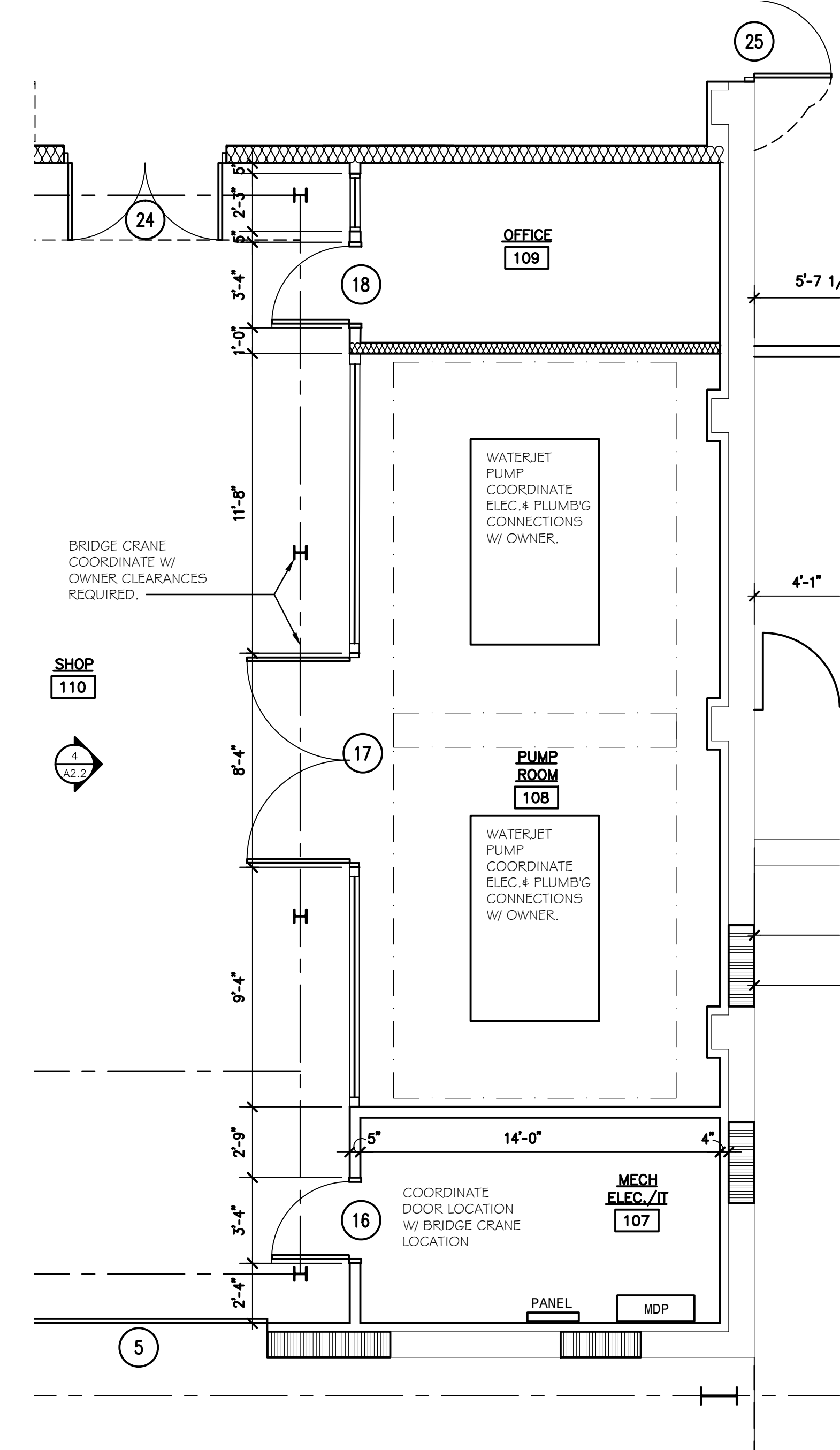
FLOOR PLANS
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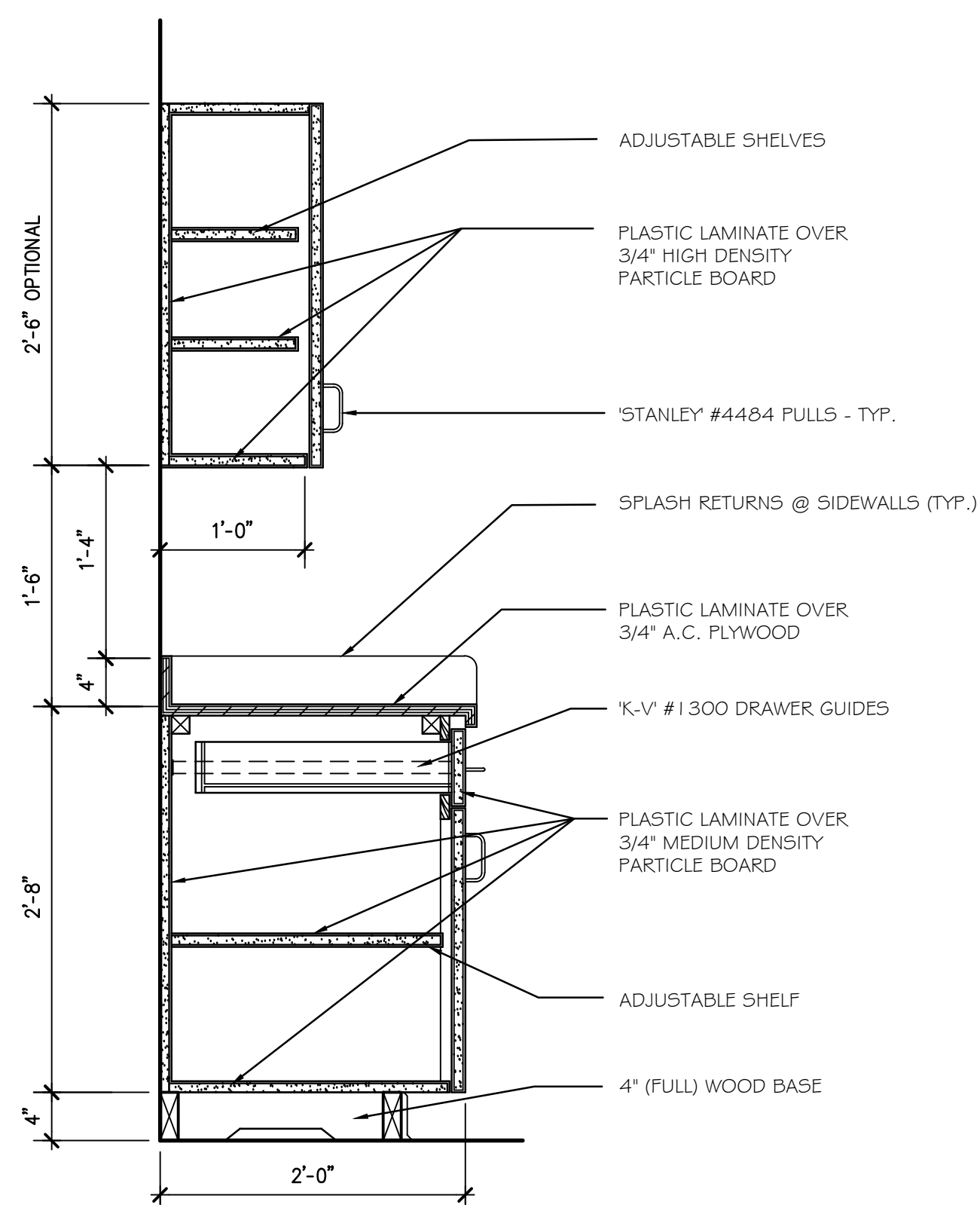
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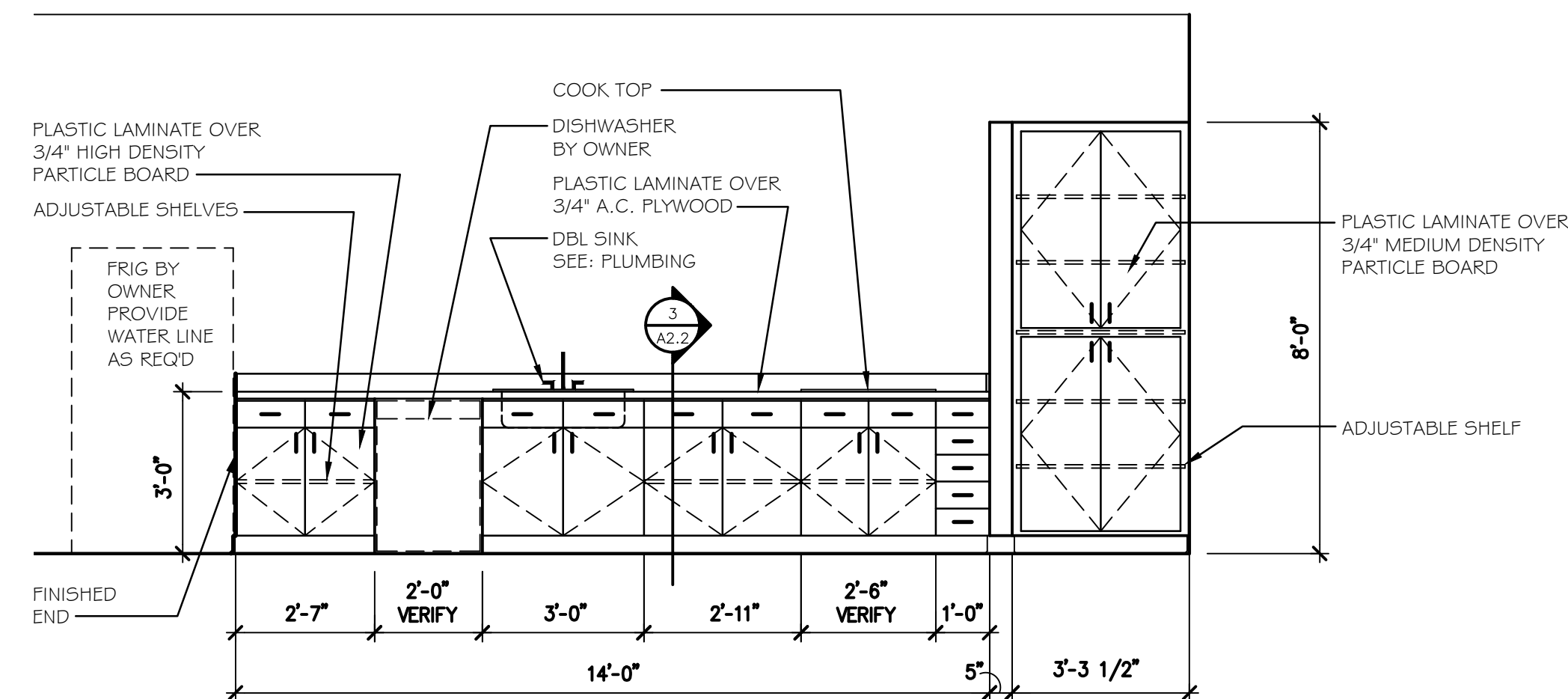
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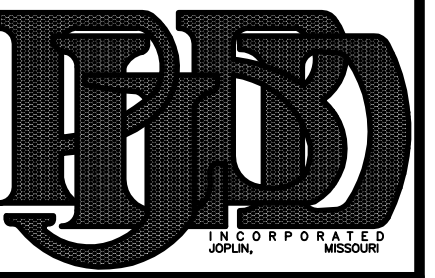
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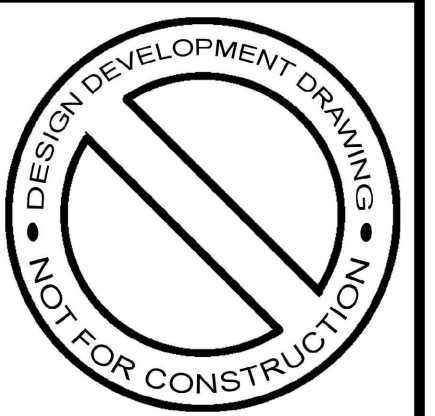


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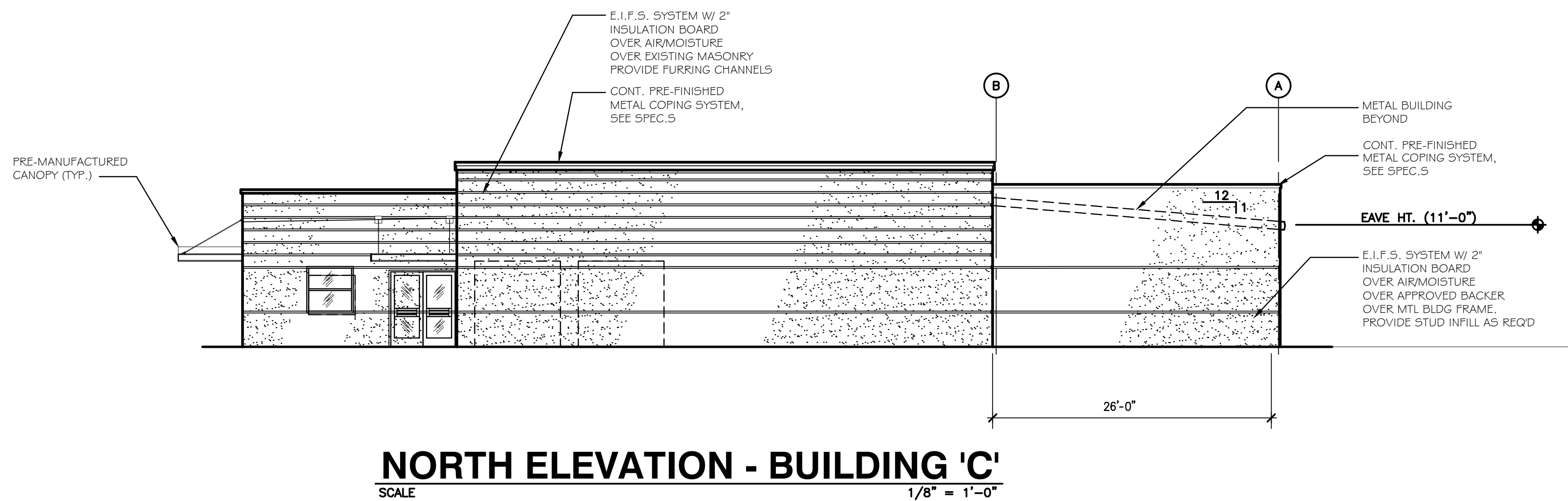
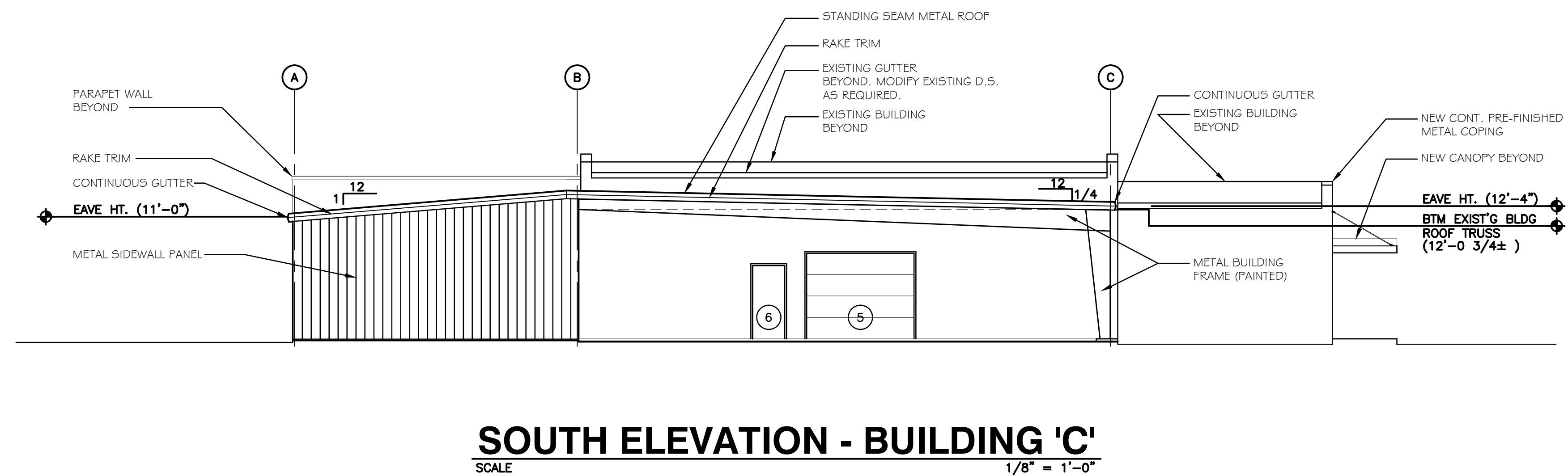
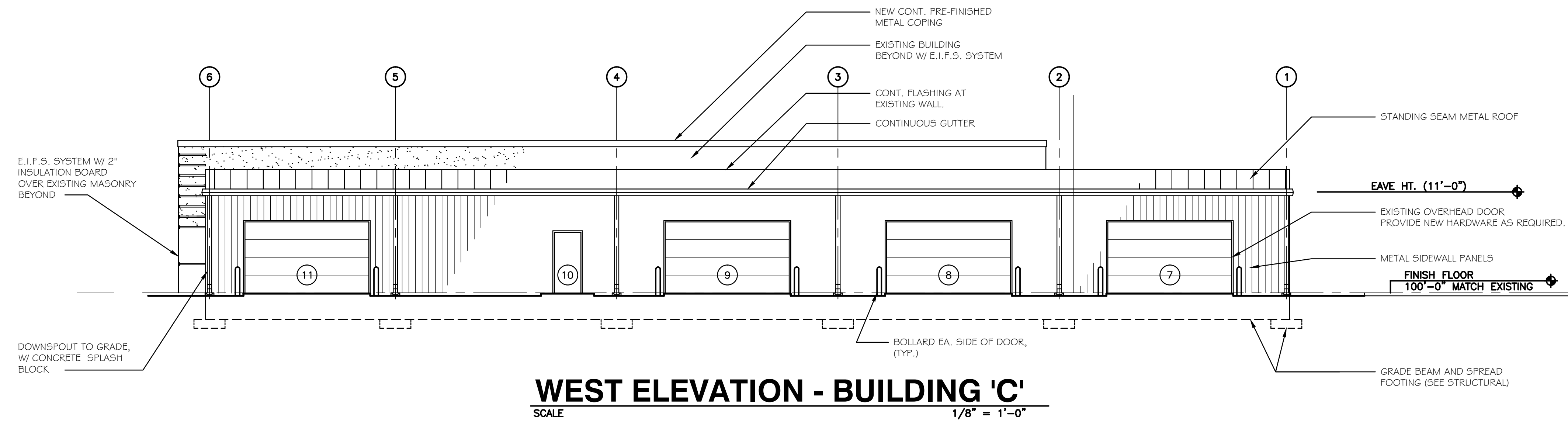
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Exterior Elevations

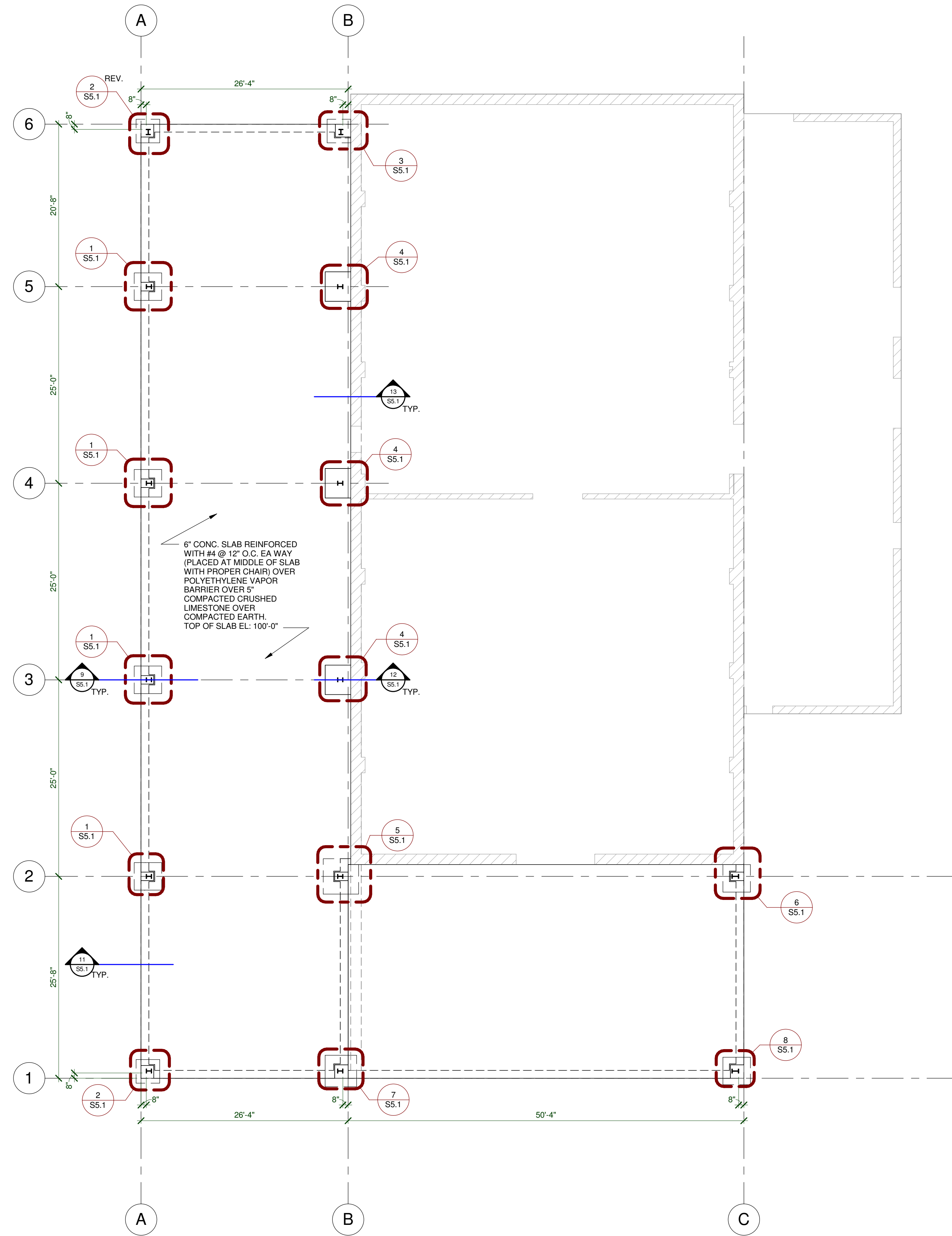
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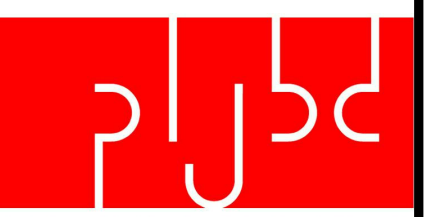
FOUNDATION NOTES

1. FOOTINGS
 - A. FOUNDATIONS HAVE BEEN DESIGNED FOR SOIL BEARING OF 2500 psf FOR CONTINUOUS FOOTINGS AND 2500 PSF FOR INDIVIDUAL FOOTING. A GEOTECHNICAL ENGINEER SHOULD OBSERVE THE BEARING SURFACE TO VERIFY ADEQUATE BEARING SUPPORT FOR THE FOOTING.
 - B. FOOTING WIDTHS TO BE AS SHOWN ON PLANS. BOTTOM OF FOOTING ARE TO BE EXCAVATED TRUE SIZE.
 - C. NO FOOTING TRENCH SHALL BE OPENED WITHOUT HAVING REINFORCING AND CONCRETE READY TO BE PLACED WITHIN THAT WORKING DAY. ANY VARIATION FROM THIS PROCEDURE SHALL ONLY BE UPON APPROVAL OF THE ARCHITECT.
 - D. ALL ISOLATED FOOTINGS SHALL BE CENTERED UNDER PILASTER UNLESS NOTED OTHERWISE.
 - E. MINIMUM EXTERIOR GRADE BEAM DEPTH BELOW FINISH GRADE SHALL BE 30" TO PROVIDE REASONABLE PROTECTION FROM FROST ACTION AND SEASONAL VOLUME CHANGE.
 - F. IN THE EVENT ORGANIC SOIL OR UNCOMPACTED FILL IS FOUND BELOW FOOTINGS OR FLOOR SLABS, IT SHALL BE REMOVED AND REPLACED WITH SELECT FILL, COMPACTED IN 8" LIFTS TO AT LEAST 95 PERCENT OF MAXIMUM DENSITY AS DETERMINED BY STANDARD PROCTOR PROCEDURES (ASTM D 698).
 - G. AFTER SITE STRIPPING AND REMOVAL OF UNCONTROLLED FILL, IT IS RECOMMENDED THAT THE BUILDING AREA BE PROOF-ROLLED PRIOR TO PLACEMENT OF STRUCTURAL FILL AS OUTLINE BELOW. ALL SOFT SUBGRADE AREA IDENTIFIED DURING PROOF-ROLLING SHOULD BE UNDERCUT AND REPLACED WITH STRUCTURAL FILL. PROOF-ROLLING, UNDERCUTTING AND REPLACEMENT SHOULD BE MONITORED BY A QUALIFIED GEOTECHNICAL ENGINEER AND FURNISH A COPY OF THE GEOTECHNICAL ENGINEER'S REPORT TO THE PROJECT ARCHITECT / ENGINEER.
 - H. STRUCTURAL FILL SHOULD BE PLACED IN NO GREATER THAN 8" LOOSE LIFTS AND COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DENSITY AS DETERMINED BY STANDARD PROCTOR PROCEDURES (ASTM D 698). ADEQUATE FIELD DENSITY AND MOISTURE CONTENT TEST SHOULD BE PERFORMED TO INSURE COMPLIANCE WITH PROJECT SPECIFICATIONS. SUBGRADE INSPECTION AND FILL TESTING UNDER CONTROLLED CONDITIONS IS CONSIDERED ESSENTIAL IF FOOTINGS ARE TO BE FOUNDED IN FILL. A TESTING FREQUENCY OF AT LEAST ONE FIELD DENSITY TEST FOR EACH 2500 SQ. FT. OF FILL LIFT, BUT NOT LESS THAN 3 TESTS PER LIFT IS RECOMMENDED WITHIN BUILDING AREAS.
2. CONCRETE:
 - A. ALL READY MIX CONCRETE SHALL BE 4000 psf FOR FLOOR SLABS, AND 3000 PSI FOR ALL OTHER CONCRETE PLACEMENT.
 - B. MAXIMUM SLUMP FOR ALL READY MIX CONCRETE SHALL BE AS SHOWN: FOOTINGS - 3" SLABS - 4" EXPOSED CONCRETE - 3"
 - C. EXPOSED EXTERIOR CONCRETE SHALL BE AIR-ENTRAINED (TOTAL AIR CONTENT = 5% TO 7%).
 - D. GROUT PLACED UNDER BEARING AND BASE PLATES SHALL BE NON-SHRINK.
 - E. UNLESS NOTED OTHERWISE, CONCRETE COVER OVER STEEL REINFORCEMENT SHALL CONFORM TO THE MINIMUM REQUIREMENT BY THE CURRENT EDITION OF ACI 318.
 - F. REINFORCEMENT DETAILING AND PLACEMENT SHALL CONFORM TO ACI 318 AND ACI 315, EXCEPT WHERE OTHERWISE INDICATED.
 - G. ADMIXTURES SHALL BE USED ONLY UPON THE APPROVAL OF THE ARCHITECT.
 - H. HOT AND COLD WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 305-89 AND ACI 306-1-90, RESPECTIVELY.
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 2. PRIOR TO INJECTION, DISCHARGE APPROXIMATELY ONE FLUID OUNCE OF EPOXY. EPOXY MUST BE UNIFORM IN COLOR. INSERT THE NOZZLE TO THE BOTTOM OF THE SCREEN AND FILL IT COMPLETELY WHILE WITHDRAWING THE NOZZLE.
 3. INSERT THE FILLED SCREEN COMPLETE INTO THE CLEANED HOLE:
 - A. HOLD THE TAB OF THE SCREEN AGAINST THE WALL. INSERT THE SELECTED ROD WITH A SLOW TWISTING MOTION. WAIT FOR APPROXIMATE CURE TIME BEFORE TORQUING FIXTURE IN PLACE. B. SEE MANUFACTURER INSTALLATION CAUTIONS.
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 - A. REINFORCING BARS SHALL BE BILLET STEEL, ASTM A 615, GRADE 60. PROVIDE CONTINUOUS BENT BARS AT FOOTING STEPS AND 90 DEGREE BENT TIES AT CORNERS. UNLESS OTHERWISE NOTED, LAP SPLICES OR EMBEDMENT LENGTHS SHALL CONFORM TO LATEST EDITION OF ACI 318. ADJACENT BAR SPLICES IN WALLS AND FOOTINGS TO BE ALTERNATED. ALL FOOTINGS SHALL REQUIRE HOOKED REINFORCING PROJECTED INTO WALLS, PILASTERS OR COLUMNS. THE SIZE AND SPACING OF DOWELS ARE TO MATCH VERTICAL REINFORCING.
 - B. WELDED WIRE FABRIC SHALL CONFORM TO THE CURRENT ASTM SPECIFICATION FOR COLD DRAWN STEEL REINFORCEMENT WIRE. LAP END AND EDGES MIN. 6".
4. GENERAL
 - A. NO SHOP DRAWINGS ARE TO BE SUBMITTED FOR REVIEW UNCHECKED. UNCHECKED SHOP DRAWINGS WILL BE RETURNED.
 - B. COORDINATE AND PROVIDE FOR INSTALLATION OF INSERTS, PIPE SLEEVES, THIMBLES AND OPENINGS IN CONCRETE FOR MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT AND BASES FOR MECHANICAL AND ELECTRICAL EQUIPMENT.



FOUNDATION PLAN

SCALE 1/8" = 1'-0"



ARCHITECTS-ENGINEERS

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Consultant

Consultant

Building 'C' Addition
For
KMT Waterjet Systems Inc.
Baxter Springs, Cherokee County, Kansas

KMT Waterjet Systems Inc.
635 W. 12th St.
Cherokee County
Baxter Springs, KS



Amal K Roychoudhuri
ENGINEER 13854

DATE

February, 2016

DRAWN BY:

LEW

CHECKED BY:

ARc

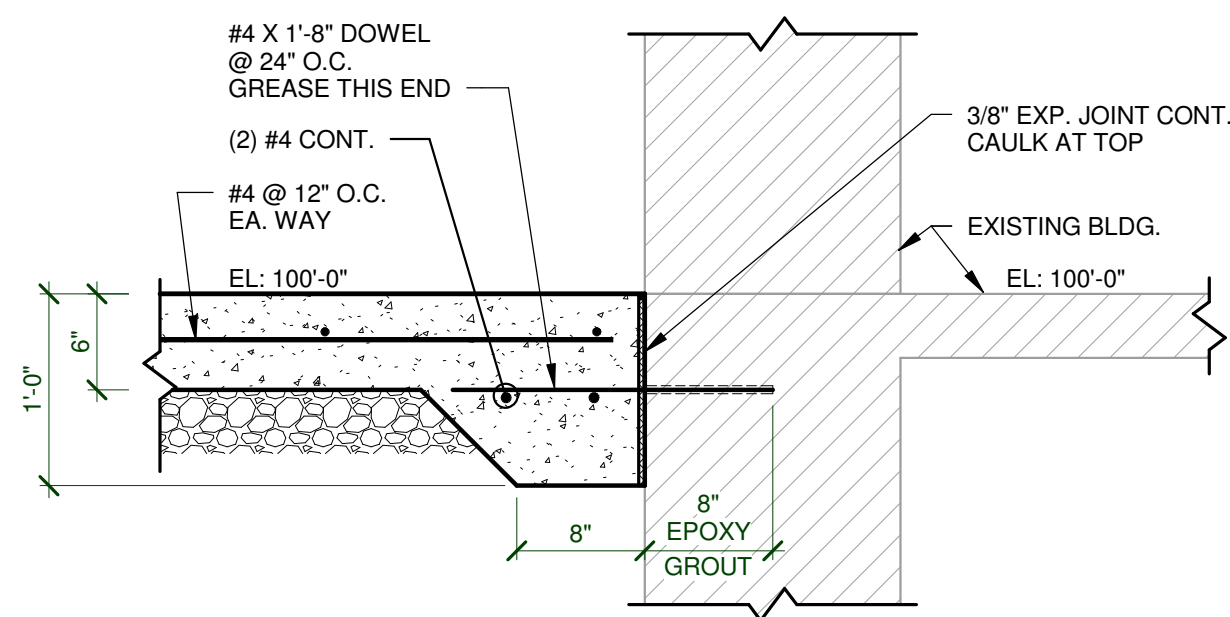
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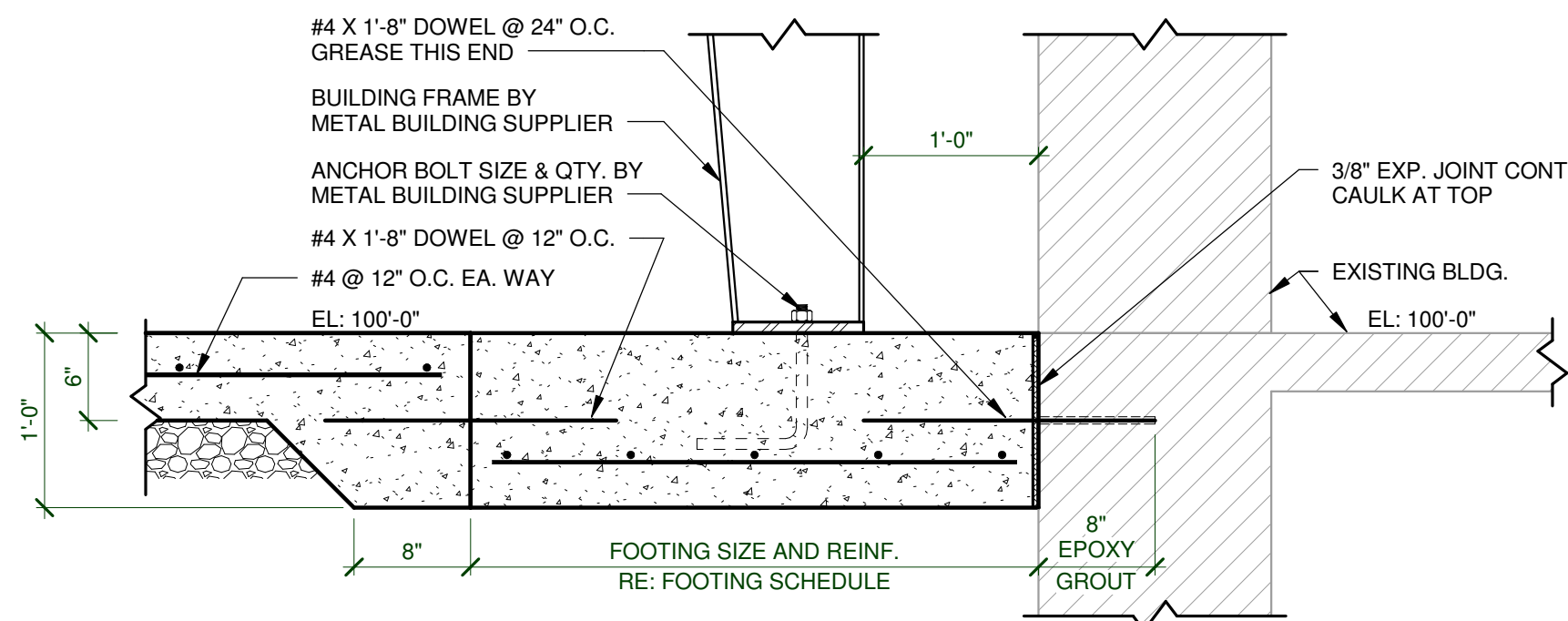
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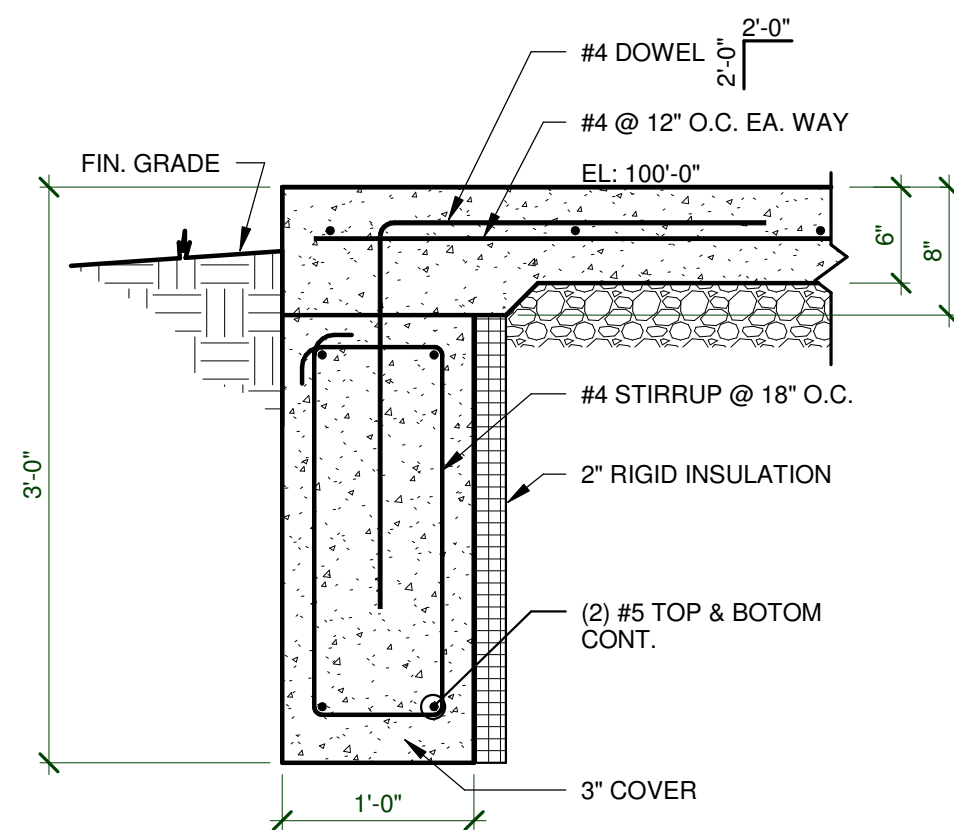
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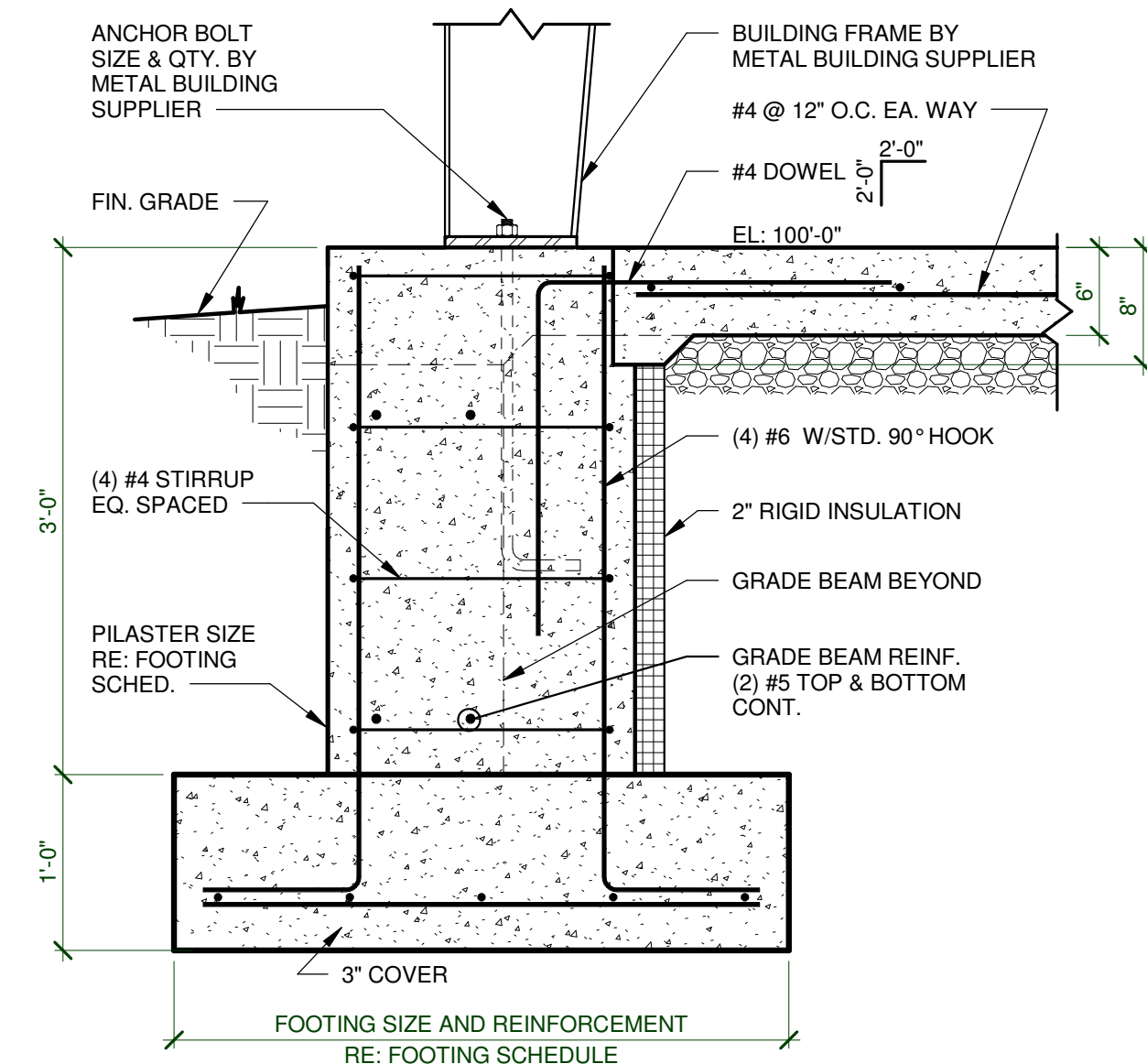
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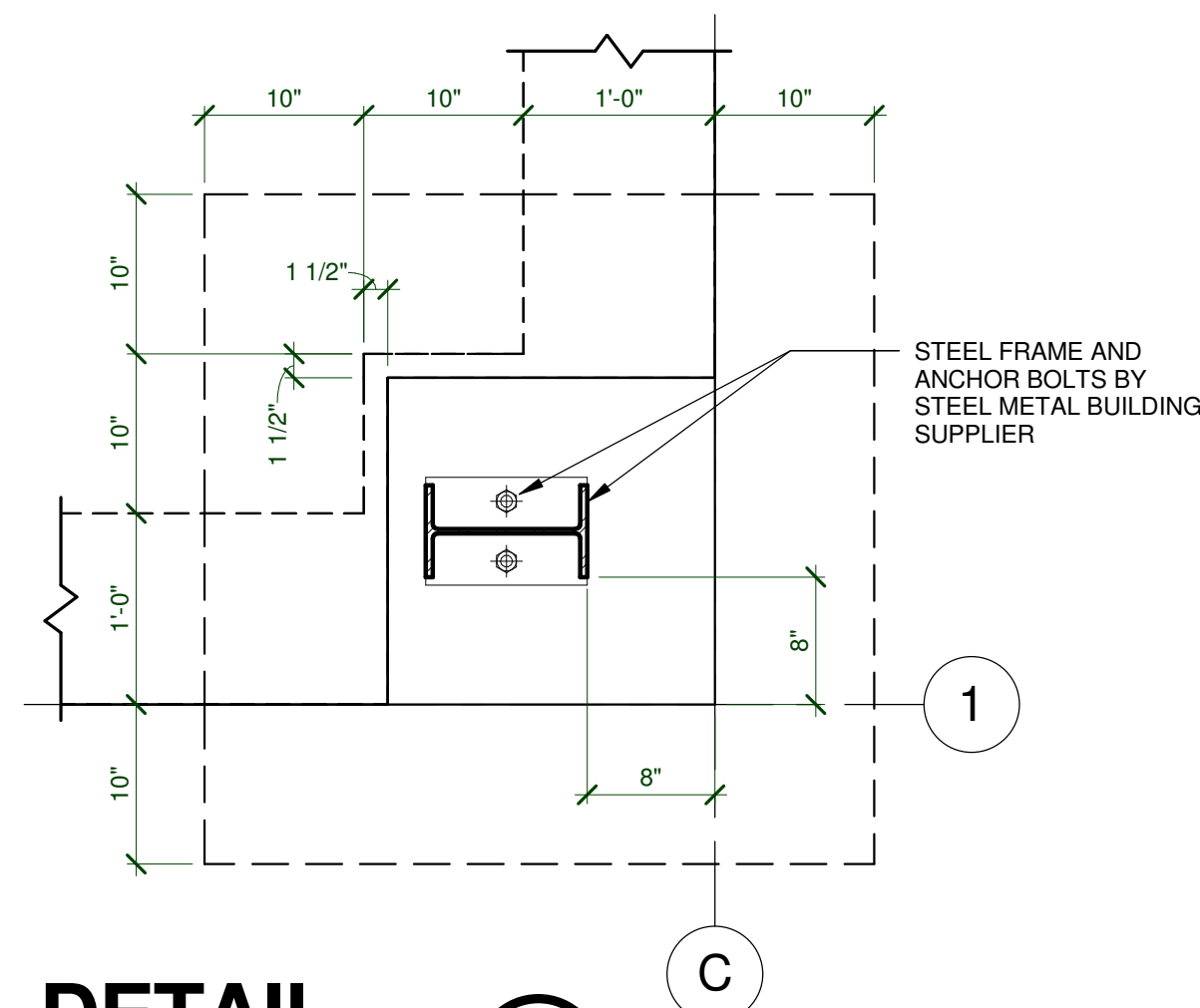
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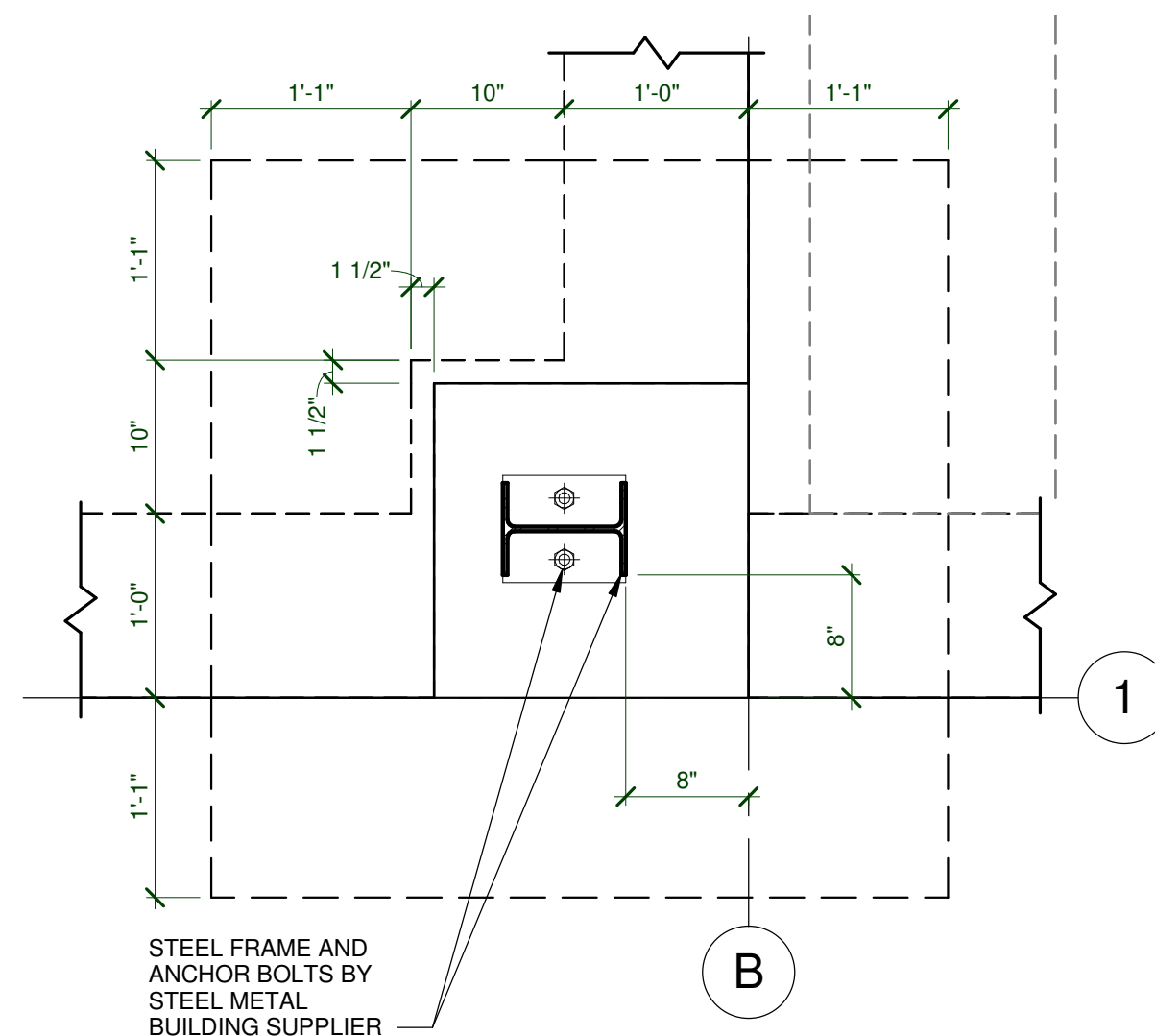
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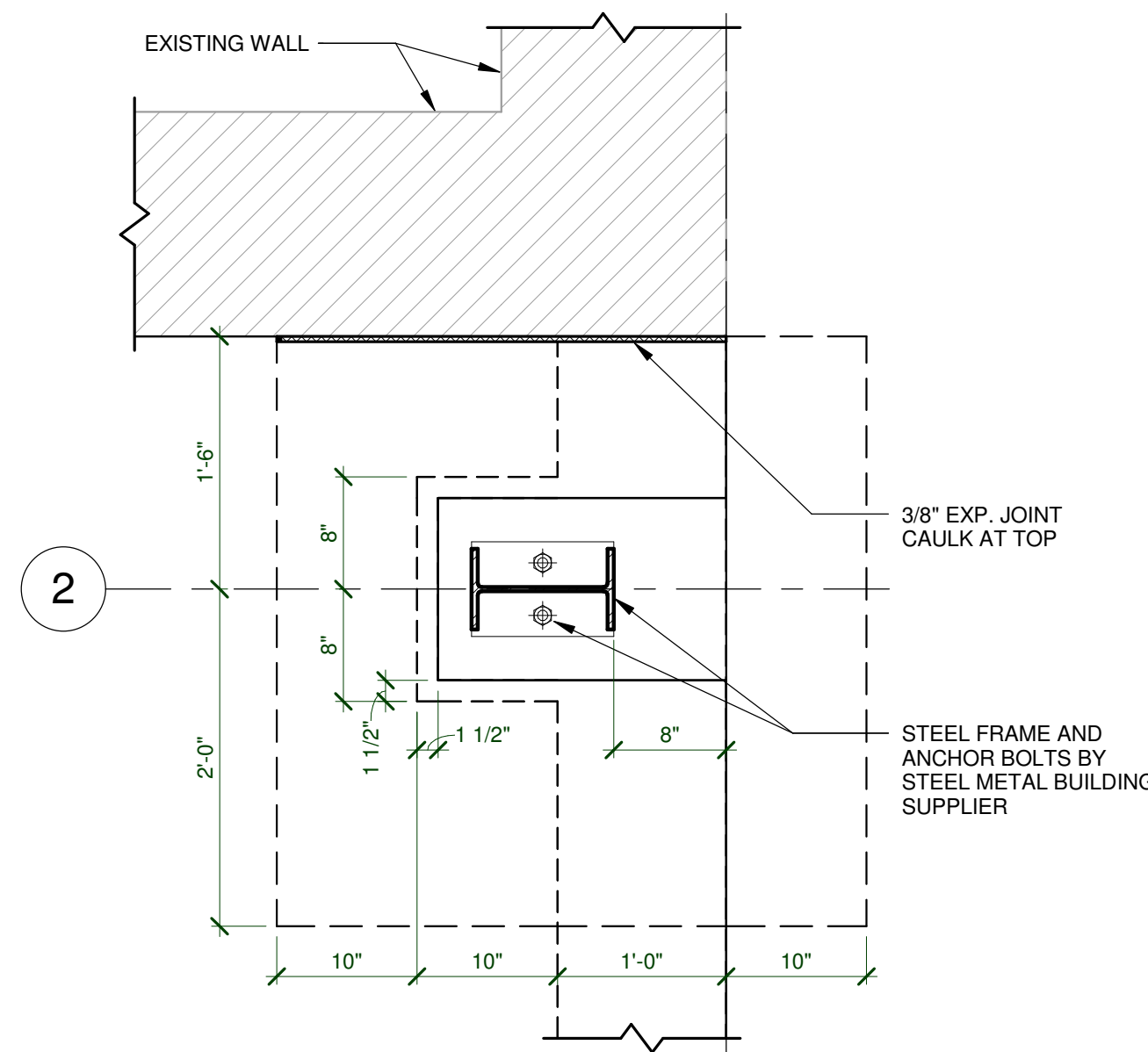
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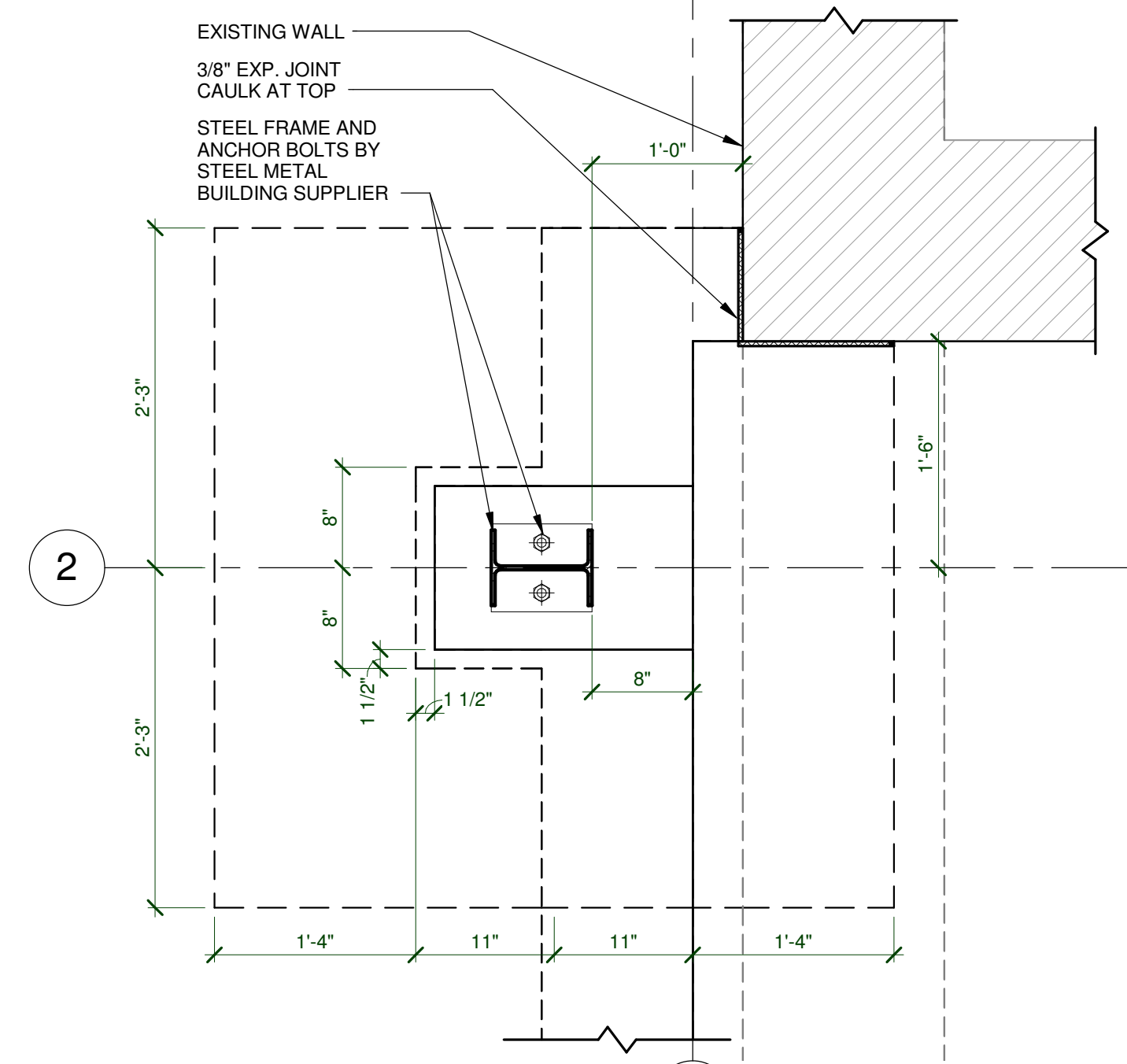
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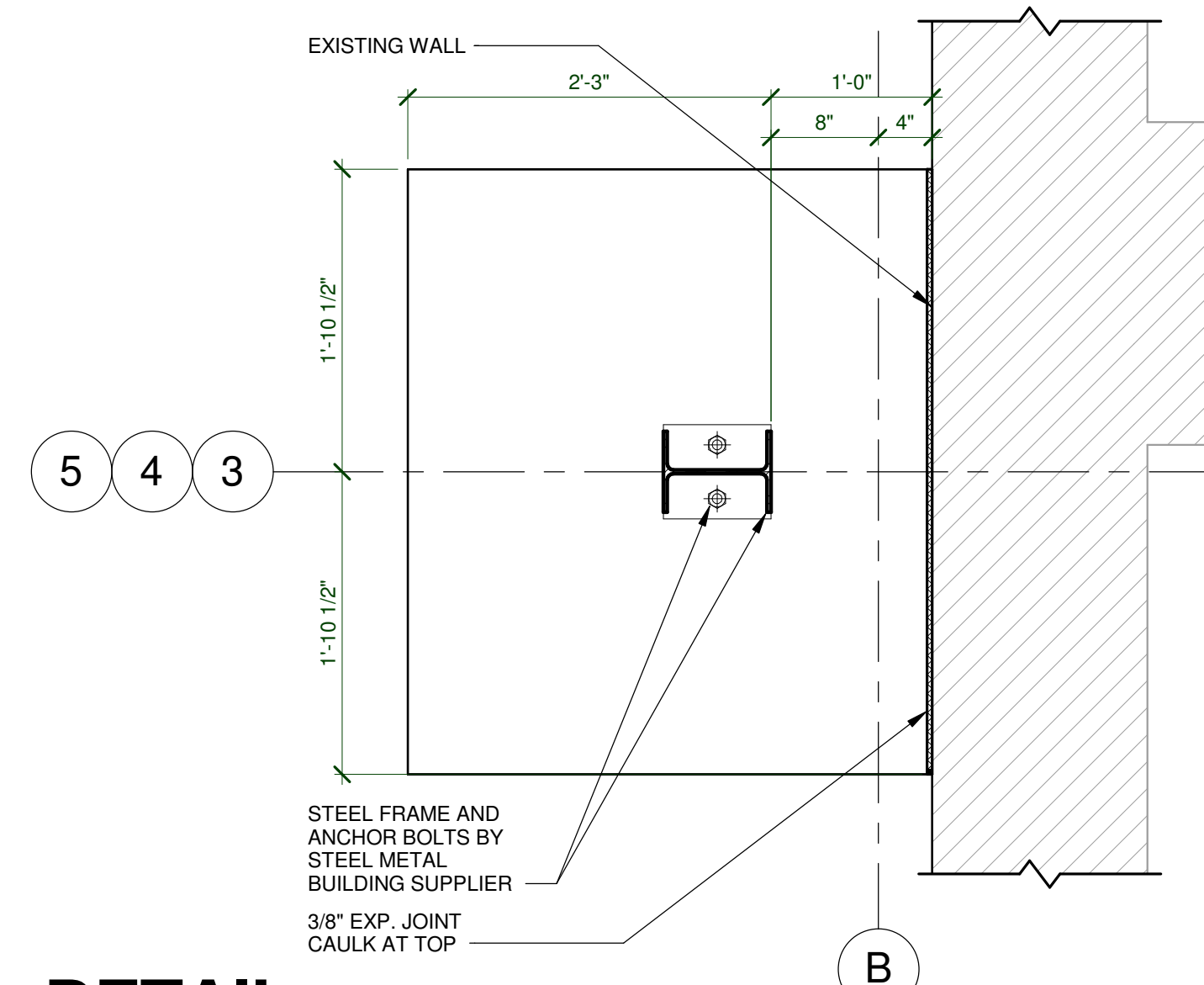
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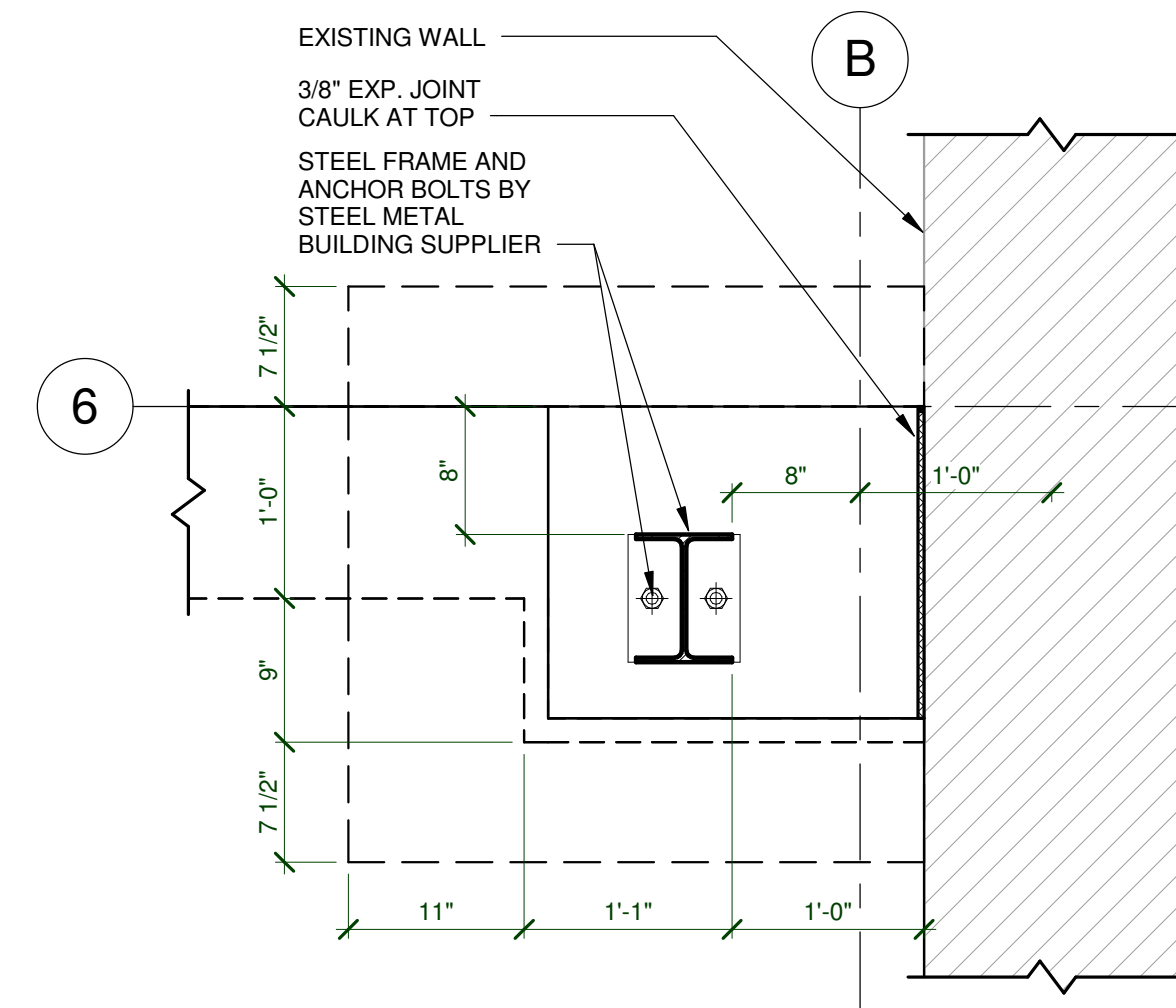
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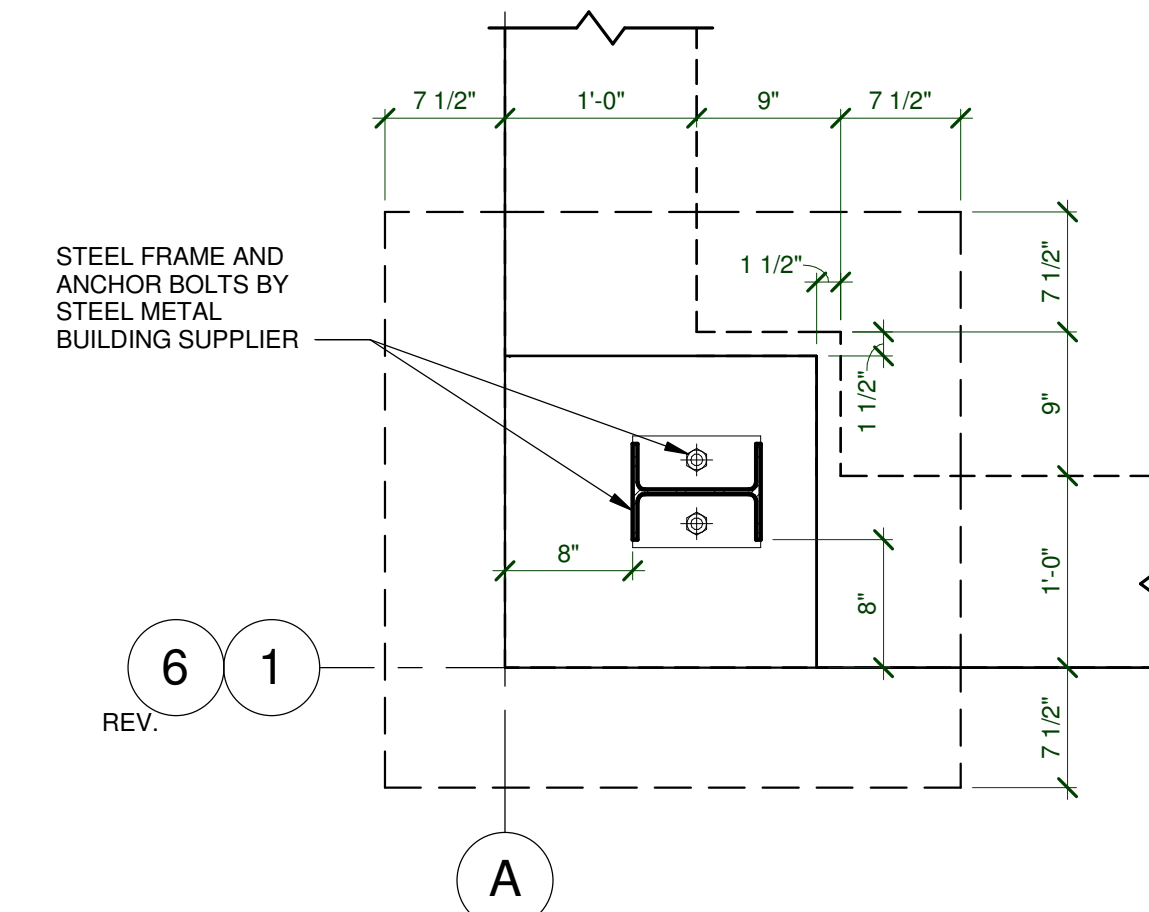
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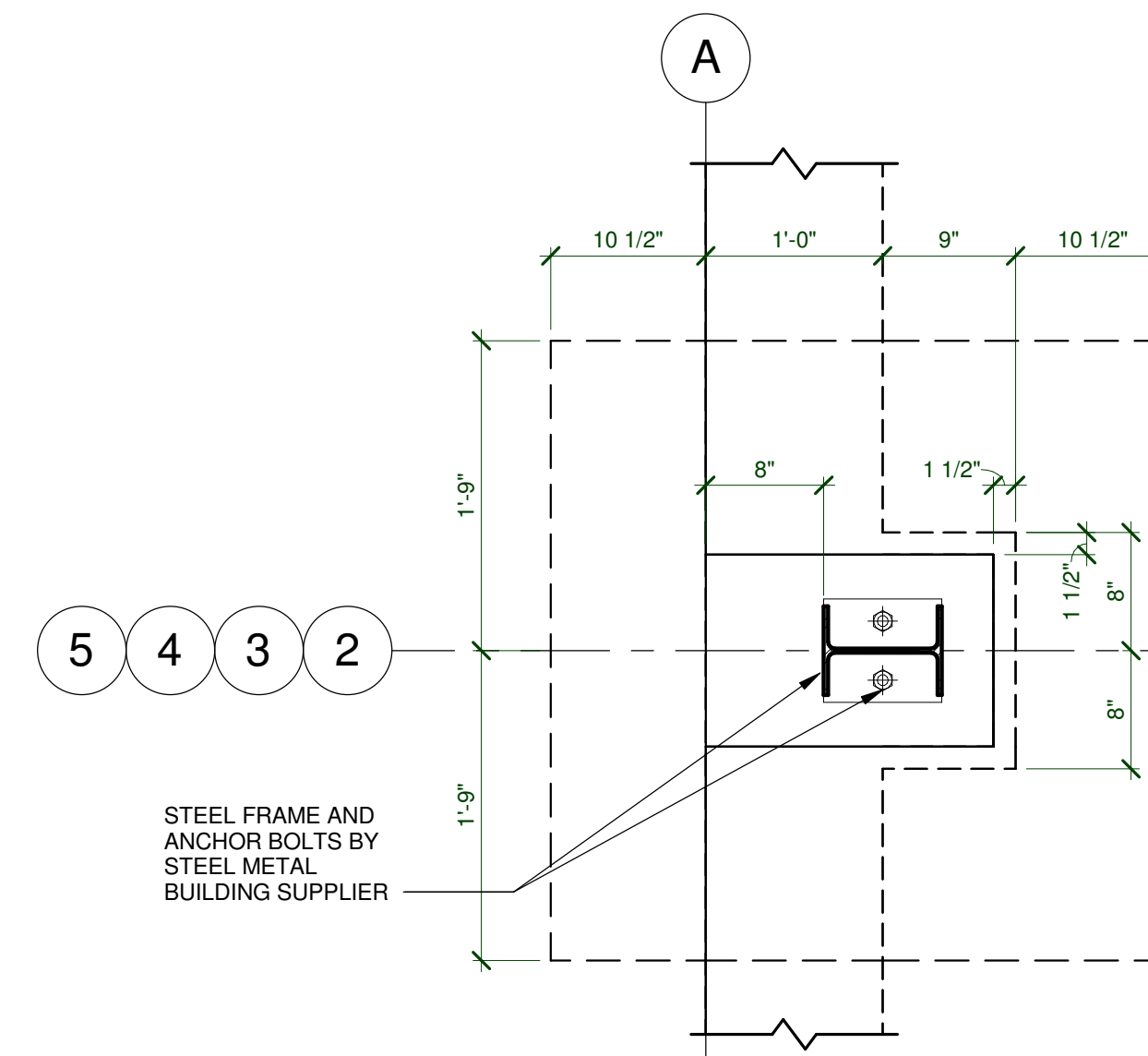
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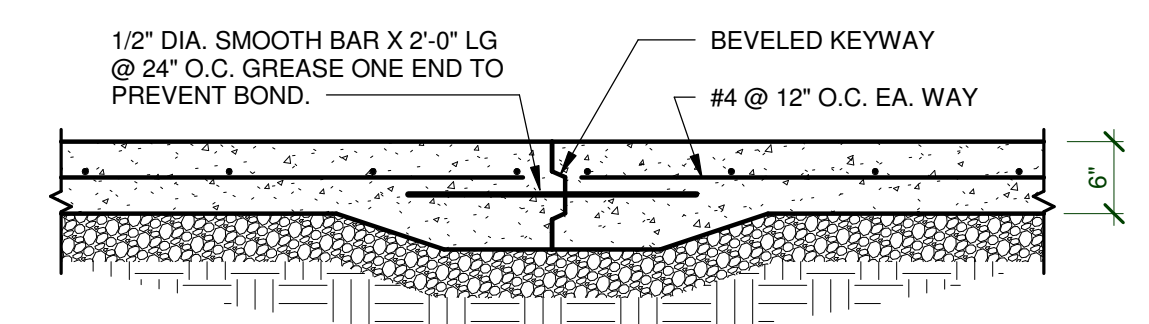
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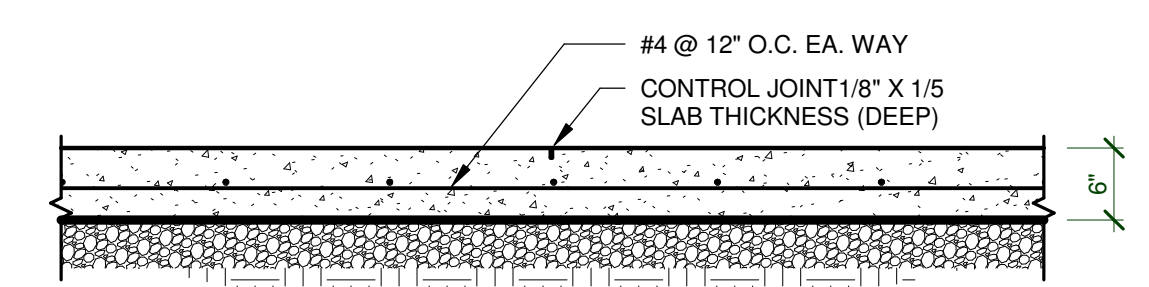
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DETAIL 1
SCALE 1" = 1'-0"
S5.1



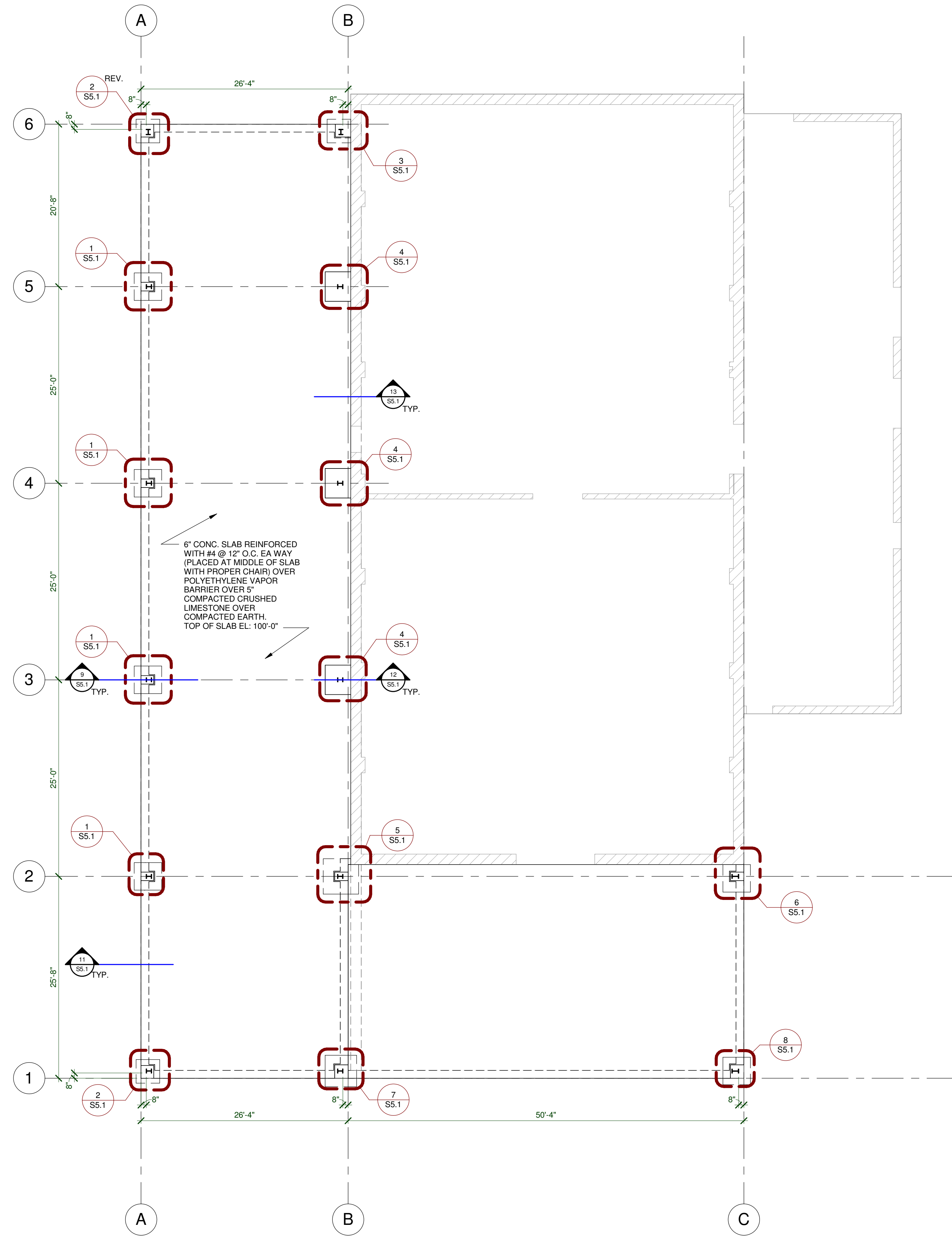
TYPICAL SLAB CONST. JOINT DETAIL
SCALE 3/4" = 1'-0"
S5.1



TYPICAL SLAB CONTROL JOINT DETAIL
SCALE 3/4" = 1'-0"
S5.1

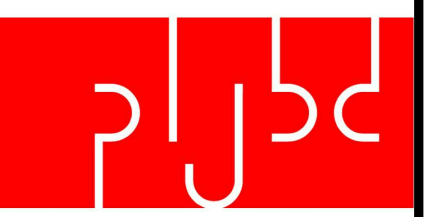
FOUNDATION NOTES

1. FOOTINGS
 - A. FOUNDATIONS HAVE BEEN DESIGNED FOR SOIL BEARING OF 2500 psf FOR CONTINUOUS FOOTINGS AND 2500 PSF FOR INDIVIDUAL FOOTING. A GEOTECHNICAL ENGINEER SHOULD OBSERVE THE BEARING SURFACE TO VERIFY ADEQUATE BEARING SUPPORT FOR THE FOOTING.
 - B. FOOTING WIDTHS TO BE AS SHOWN ON PLANS. BOTTOM OF FOOTING ARE TO BE EXCAVATED TRUE SIZE.
 - C. NO FOOTING TRENCH SHALL BE OPENED WITHOUT HAVING REINFORCING AND CONCRETE READY TO BE PLACED WITHIN THAT WORKING DAY. ANY VARIATION FROM THIS PROCEDURE SHALL ONLY BE UPON APPROVAL OF THE ARCHITECT.
 - D. ALL ISOLATED FOOTINGS SHALL BE CENTERED UNDER PILASTER UNLESS NOTED OTHERWISE.
 - E. MINIMUM EXTERIOR GRADE BEAM DEPTH BELOW FINISH GRADE SHALL BE 30" TO PROVIDE REASONABLE PROTECTION FROM FROST ACTION AND SEASONAL VOLUME CHANGE.
 - F. IN THE EVENT ORGANIC SOIL OR UNCOMPACTED FILL IS FOUND BELOW FOOTINGS OR FLOOR SLABS, IT SHALL BE REMOVED AND REPLACED WITH SELECT FILL, COMPACTED IN 8" LIFTS TO AT LEAST 95 PERCENT OF MAXIMUM DENSITY AS DETERMINED BY STANDARD PROCTOR PROCEDURES (ASTM D 698).
 - G. AFTER SITE STRIPPING AND REMOVAL OF UNCONTROLLED FILL, IT IS RECOMMENDED THAT THE BUILDING AREA BE PROOF-ROLLED PRIOR TO PLACEMENT OF STRUCTURAL FILL AS OUTLINE BELOW. ALL SOFT SUBGRADE AREA IDENTIFIED DURING PROOF-ROLLING SHOULD BE UNDERCUT AND REPLACED WITH STRUCTURAL FILL. PROOF-ROLLING, UNDERCUTTING AND REPLACEMENT SHOULD BE MONITORED BY A QUALIFIED GEOTECHNICAL ENGINEER AND FURNISH A COPY OF THE GEOTECHNICAL ENGINEER'S REPORT TO THE PROJECT ARCHITECT / ENGINEER.
 - H. STRUCTURAL FILL SHOULD BE PLACED IN NO GREATER THAN 8" LOOSE LIFTS AND COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DENSITY AS DETERMINED BY STANDARD PROCTOR PROCEDURES (ASTM D 698). ADEQUATE FIELD DENSITY AND MOISTURE CONTENT TEST SHOULD BE PERFORMED TO INSURE COMPLIANCE WITH PROJECT SPECIFICATIONS. SUBGRADE INSPECTION AND FILL TESTING UNDER CONTROLLED CONDITIONS IS CONSIDERED ESSENTIAL IF FOOTINGS ARE TO BE FOUNDED IN FILL. A TESTING FREQUENCY OF AT LEAST ONE FIELD DENSITY TEST FOR EACH 2500 SQ. FT. OF FILL LIFT, BUT NOT LESS THAN 3 TESTS PER LIFT IS RECOMMENDED WITHIN BUILDING AREAS.
2. CONCRETE:
 - A. ALL READY MIX CONCRETE SHALL BE 4000 psf FOR FLOOR SLABS, AND 3000 PSI FOR ALL OTHER CONCRETE PLACEMENT.
 - B. MAXIMUM SLUMP FOR ALL READY MIX CONCRETE SHALL BE AS SHOWN: FOOTINGS - 3" SLABS - 4" EXPOSED CONCRETE - 3"
 - C. EXPOSED EXTERIOR CONCRETE SHALL BE AIR-ENTRAINED (TOTAL AIR CONTENT = 5% TO 7%).
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SCALE 1/8" = 1'-0"



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Consultant

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Building 'C' Addition
For
KMT Waterjet Systems Inc.
Baxter Springs, Cherokee County, Kansas

KMT Waterjet Systems Inc.
635 W. 12th St.
Cherokee County
Baxter Springs, KS



Amal K Roychoudhuri
ENGINEER 13854

DATE

February, 2016

DRAWN BY:

LEW

CHECKED BY:

ARc

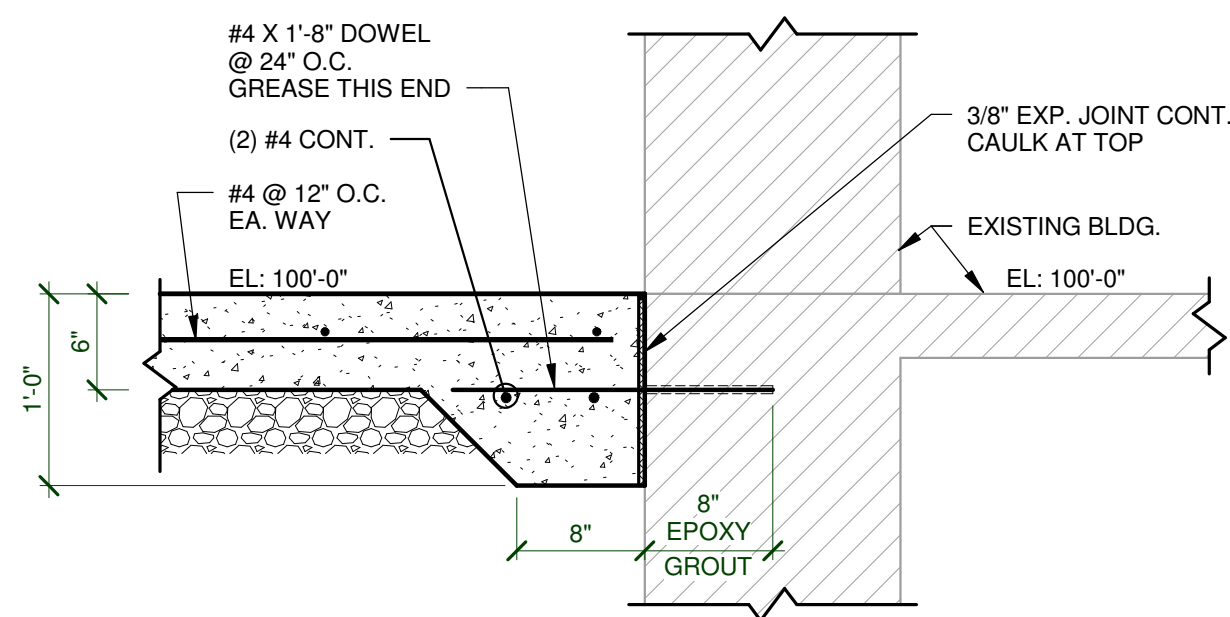
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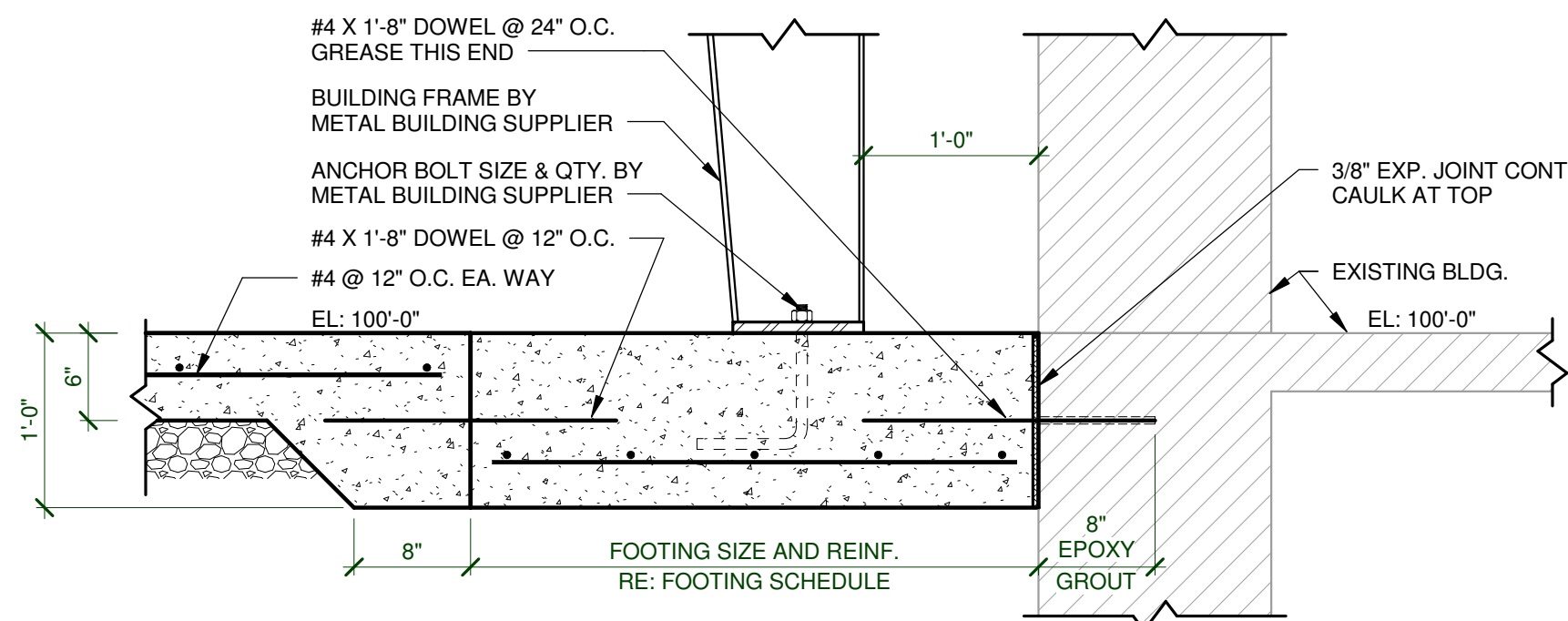
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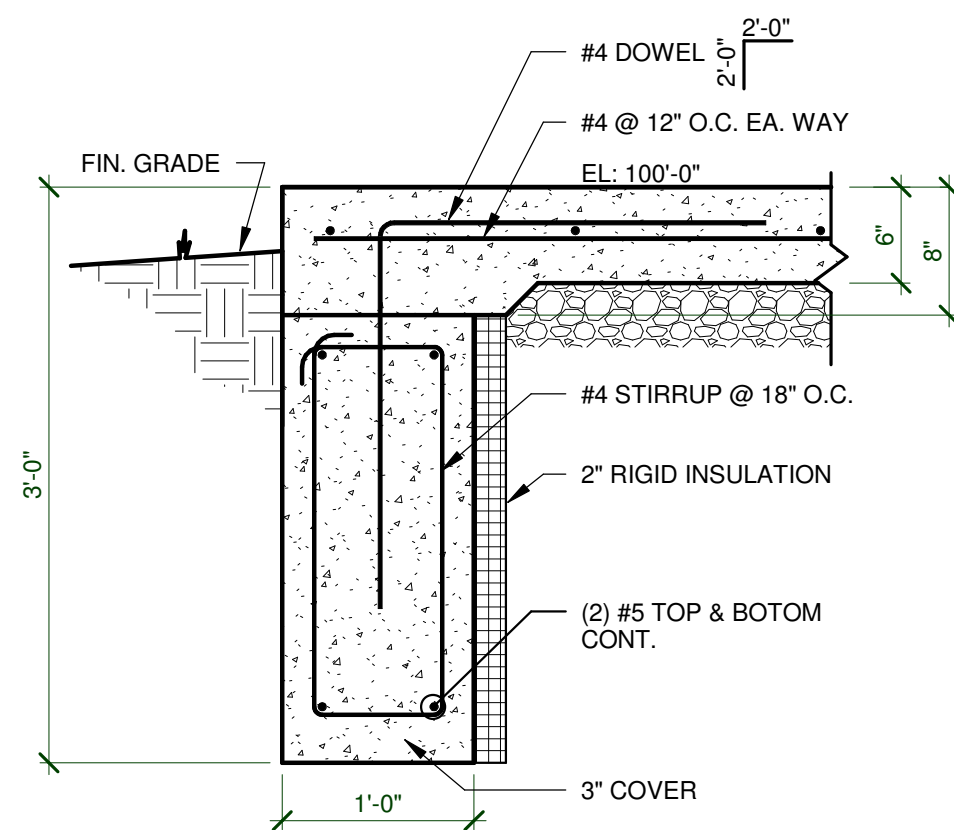
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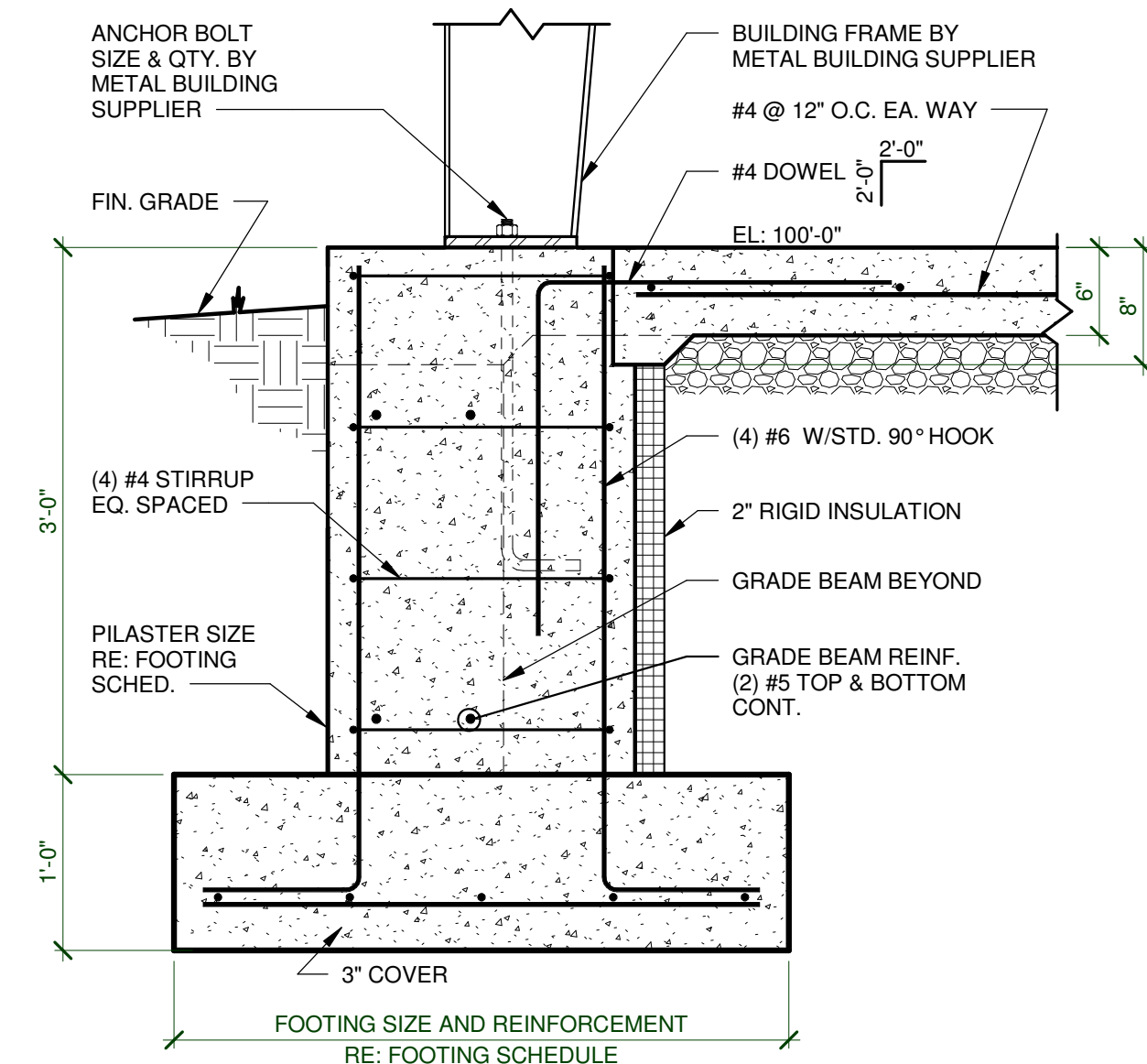
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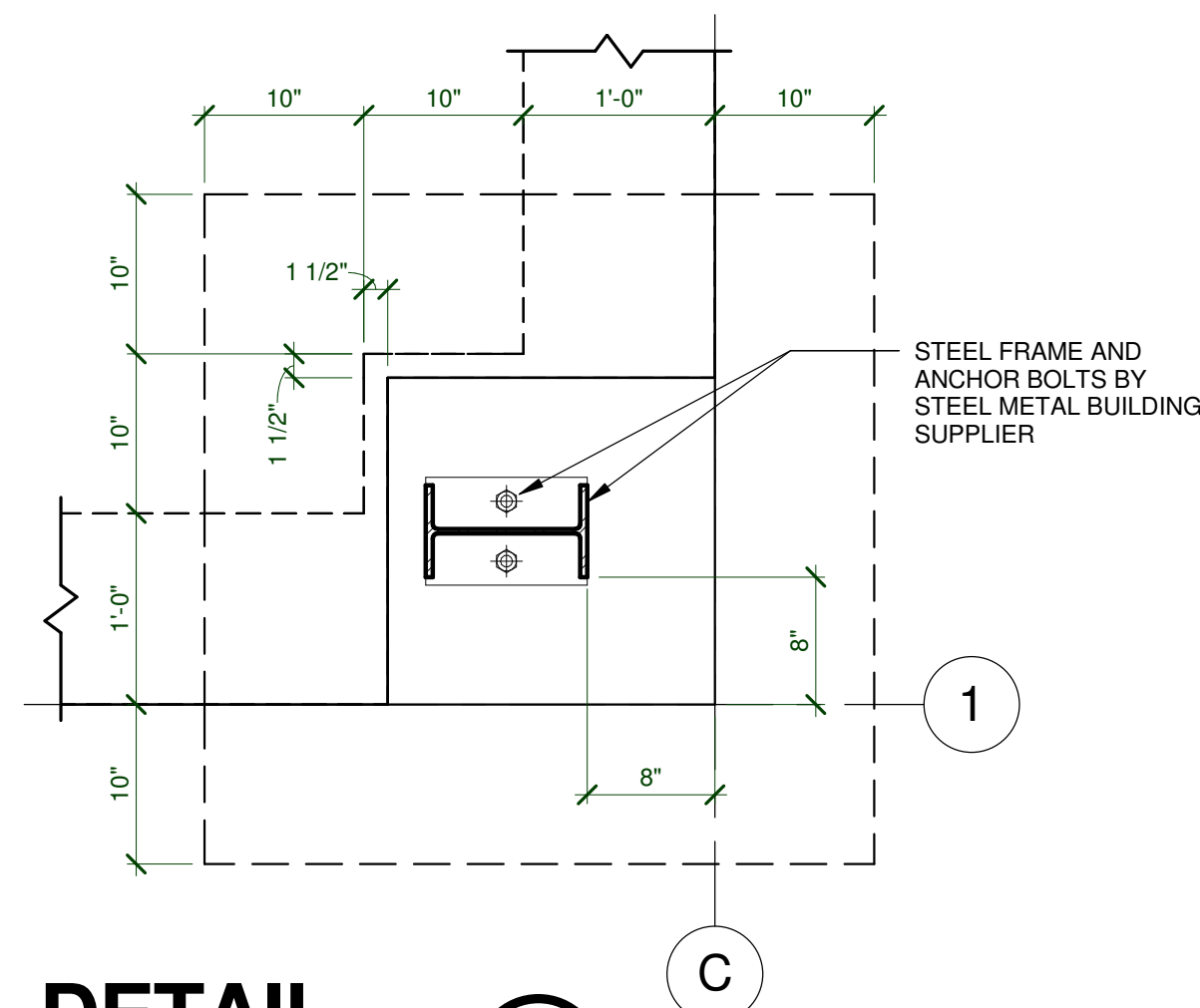
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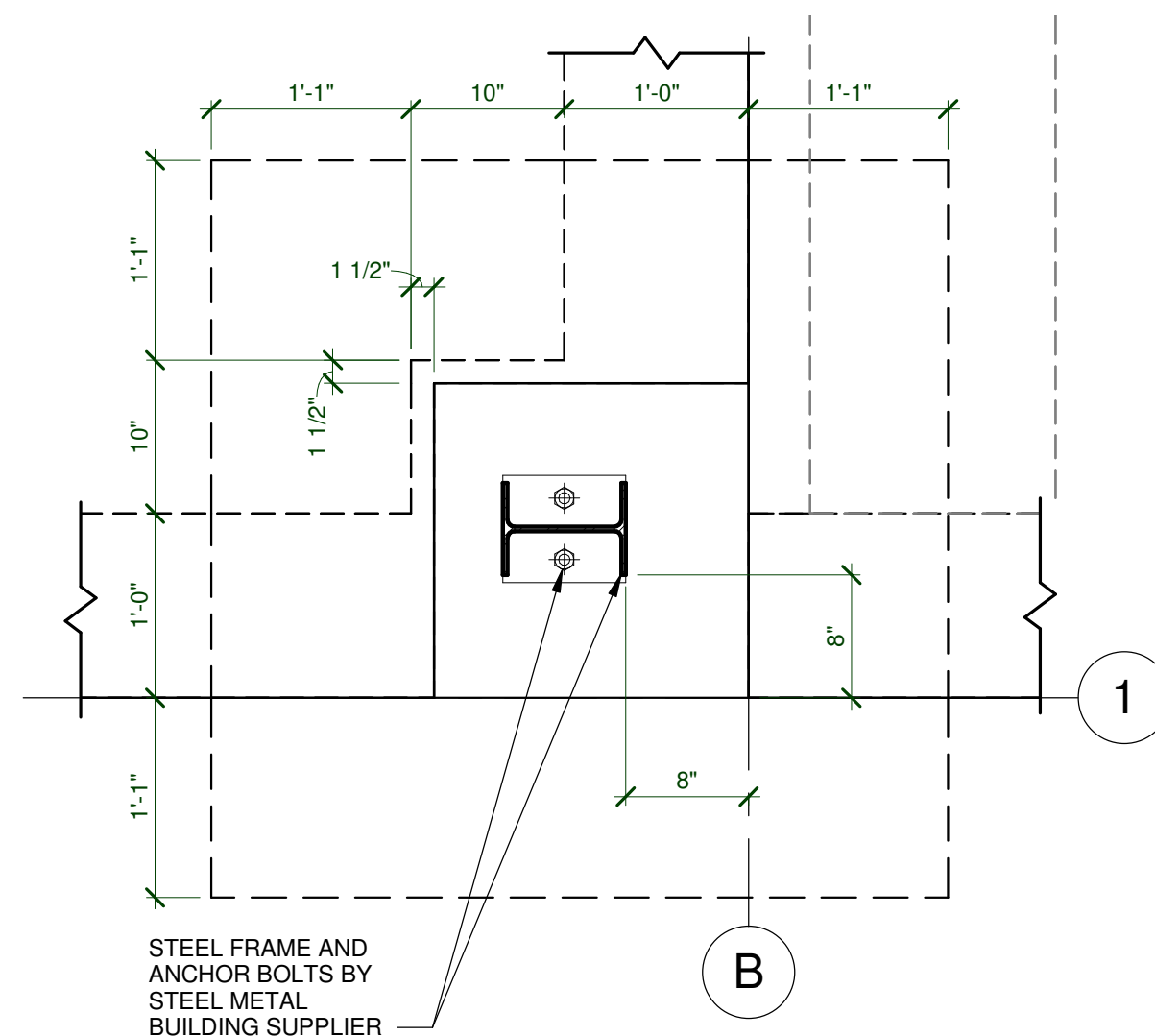
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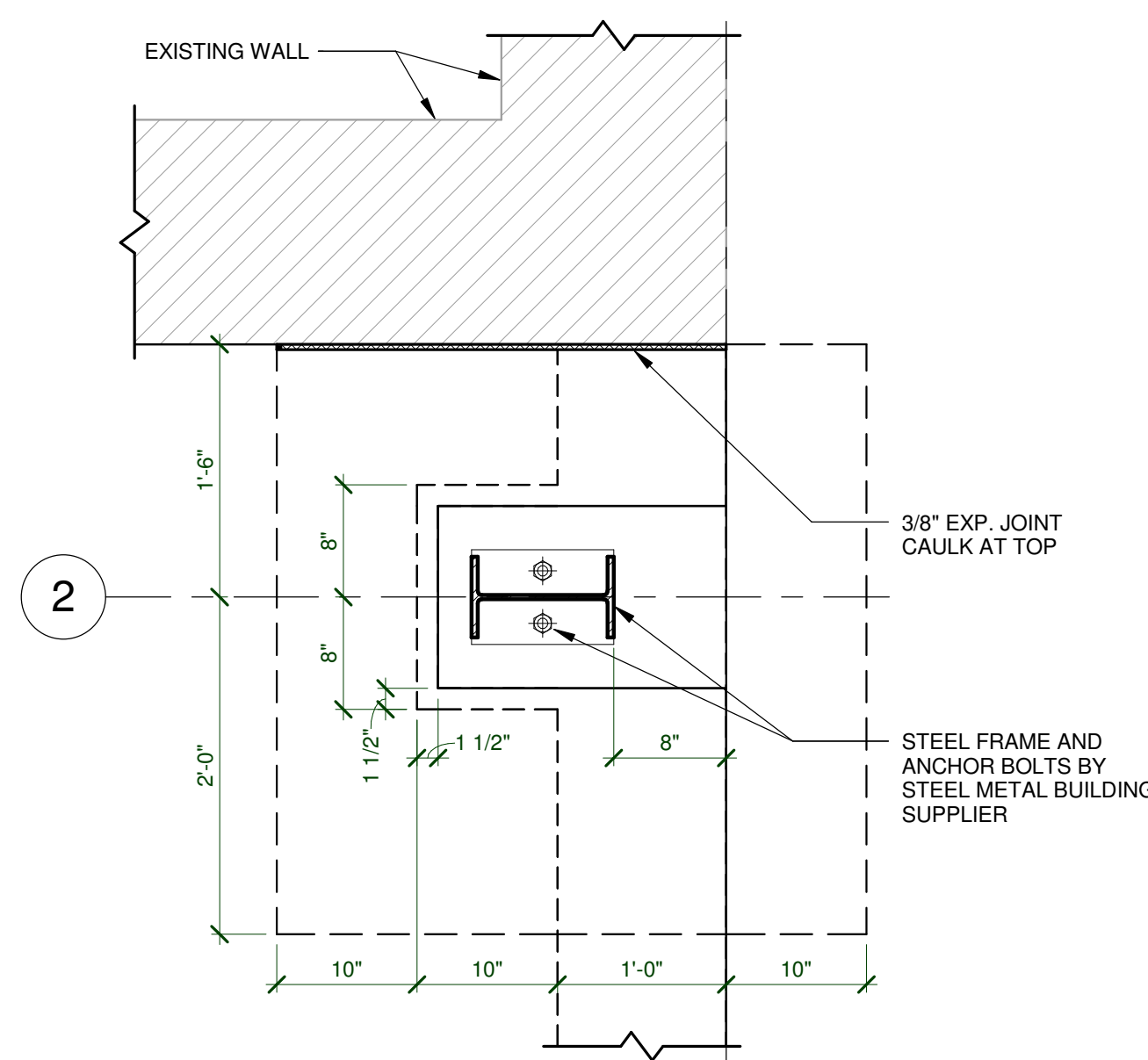
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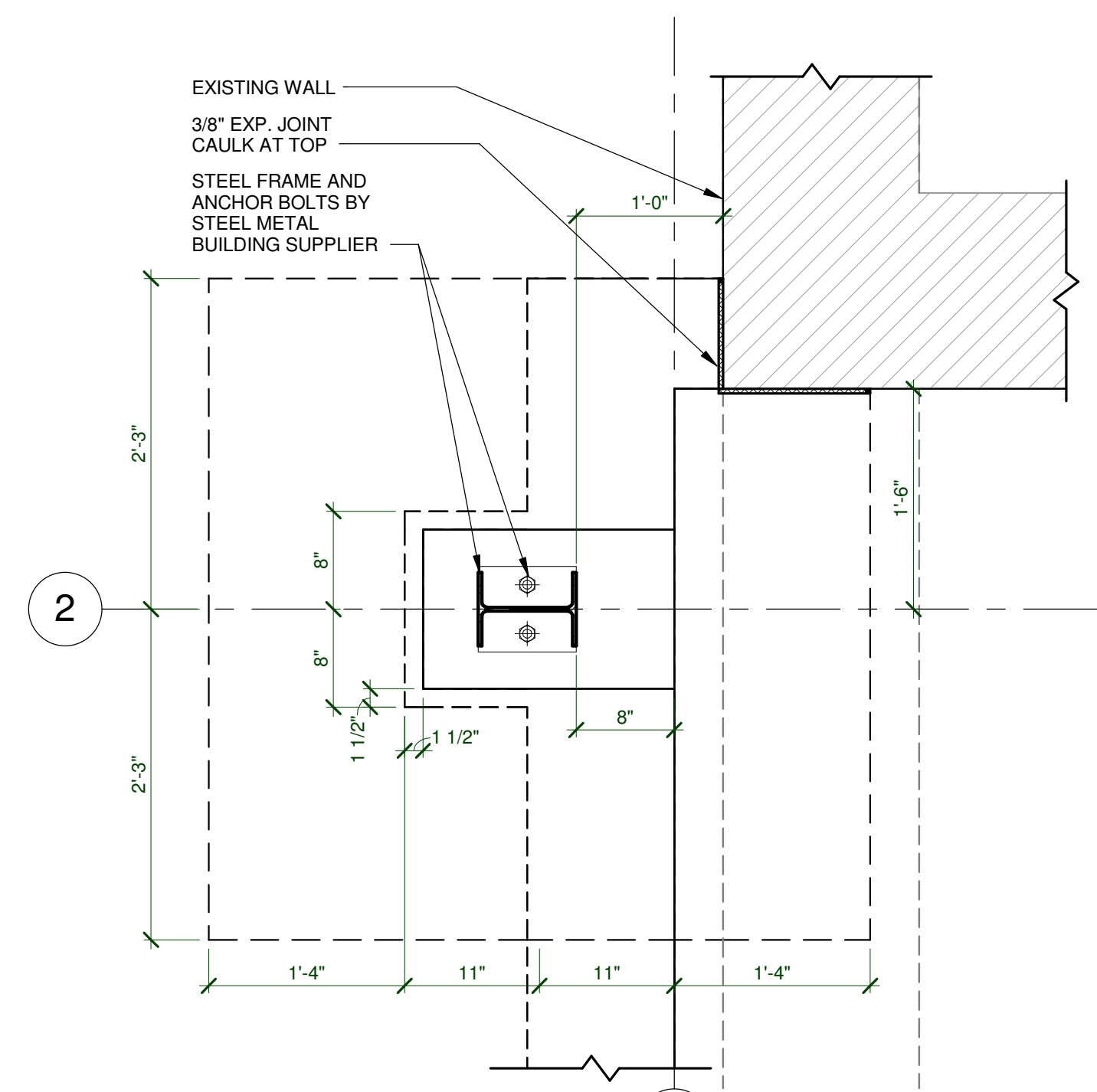
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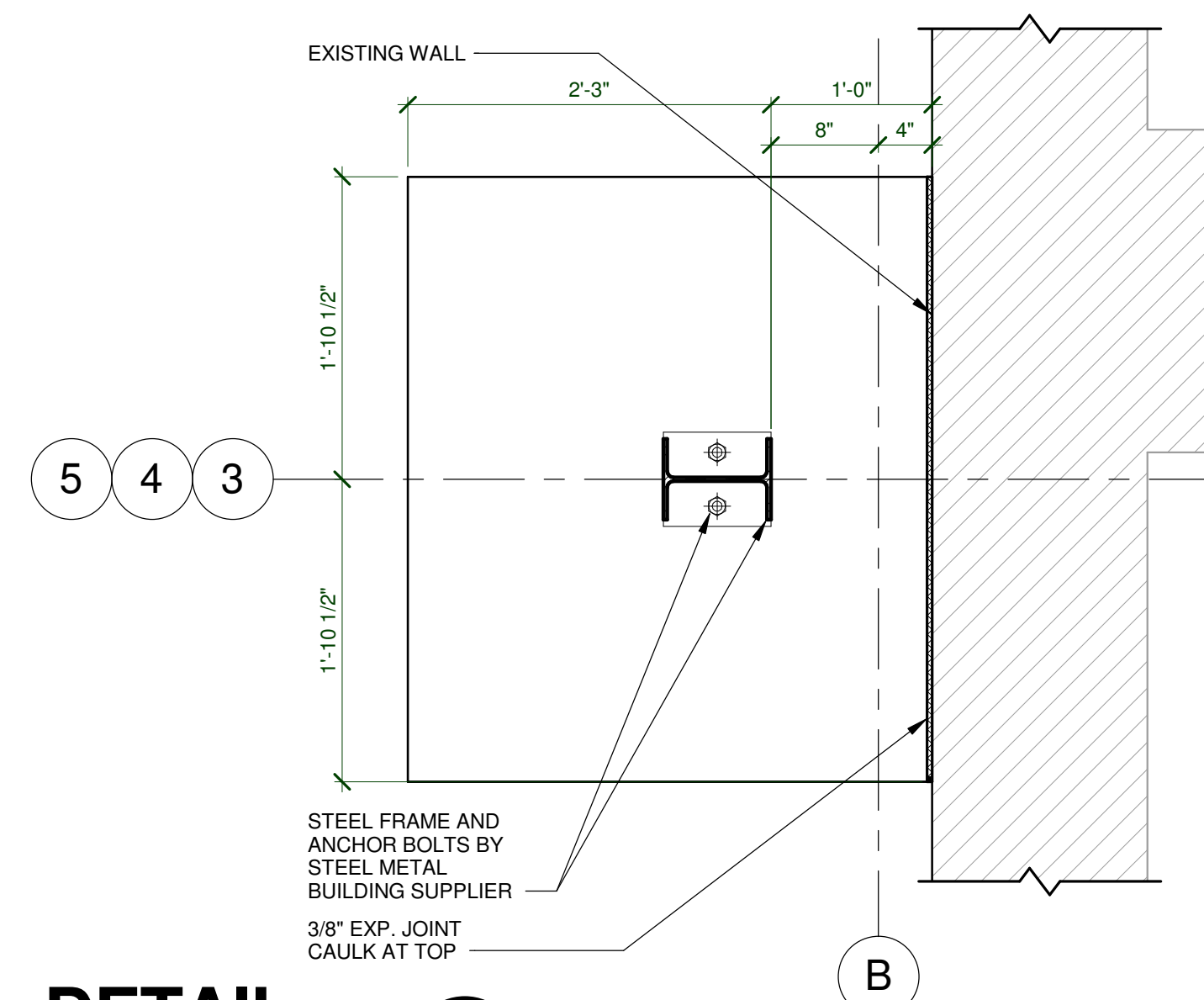
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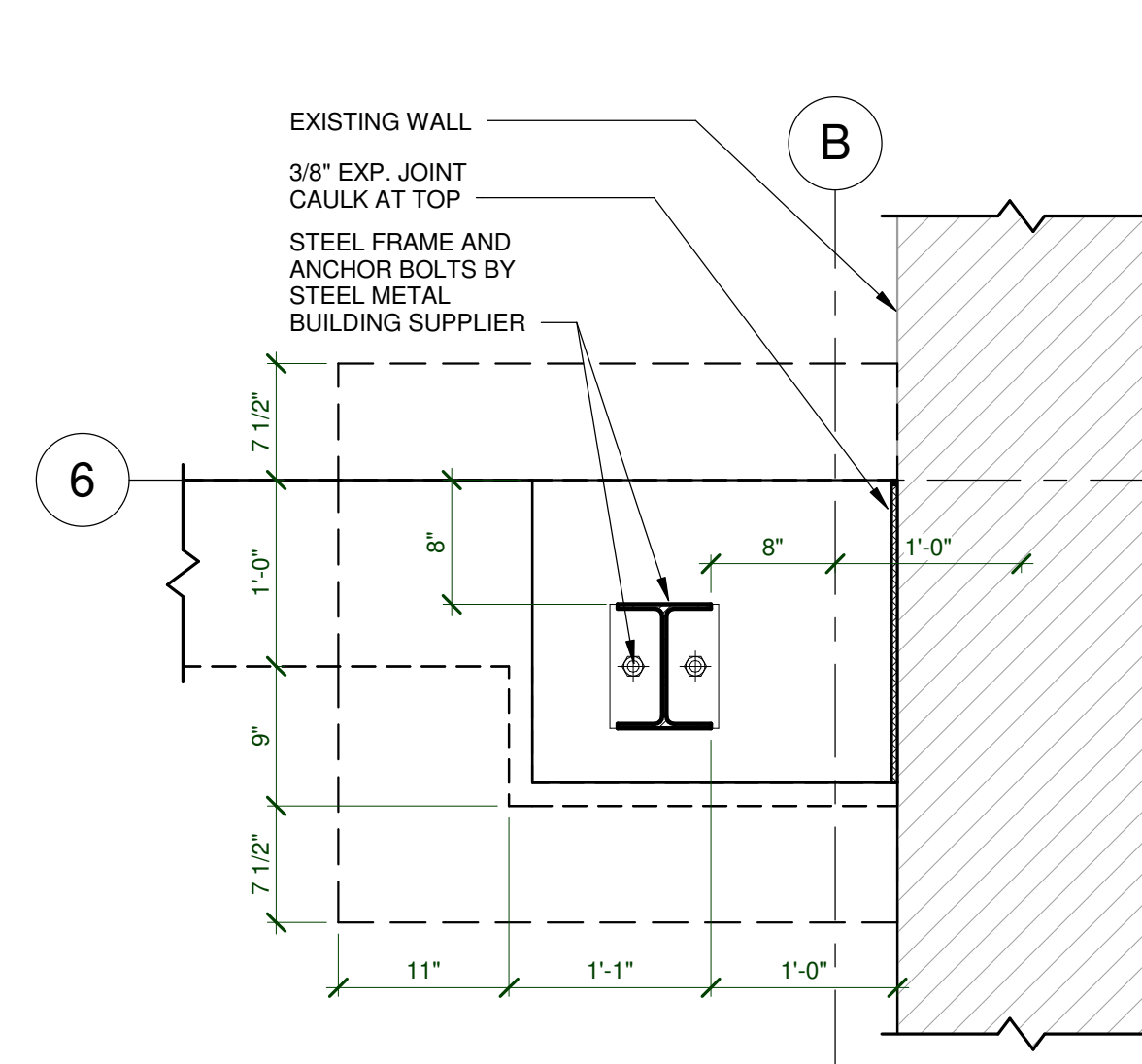
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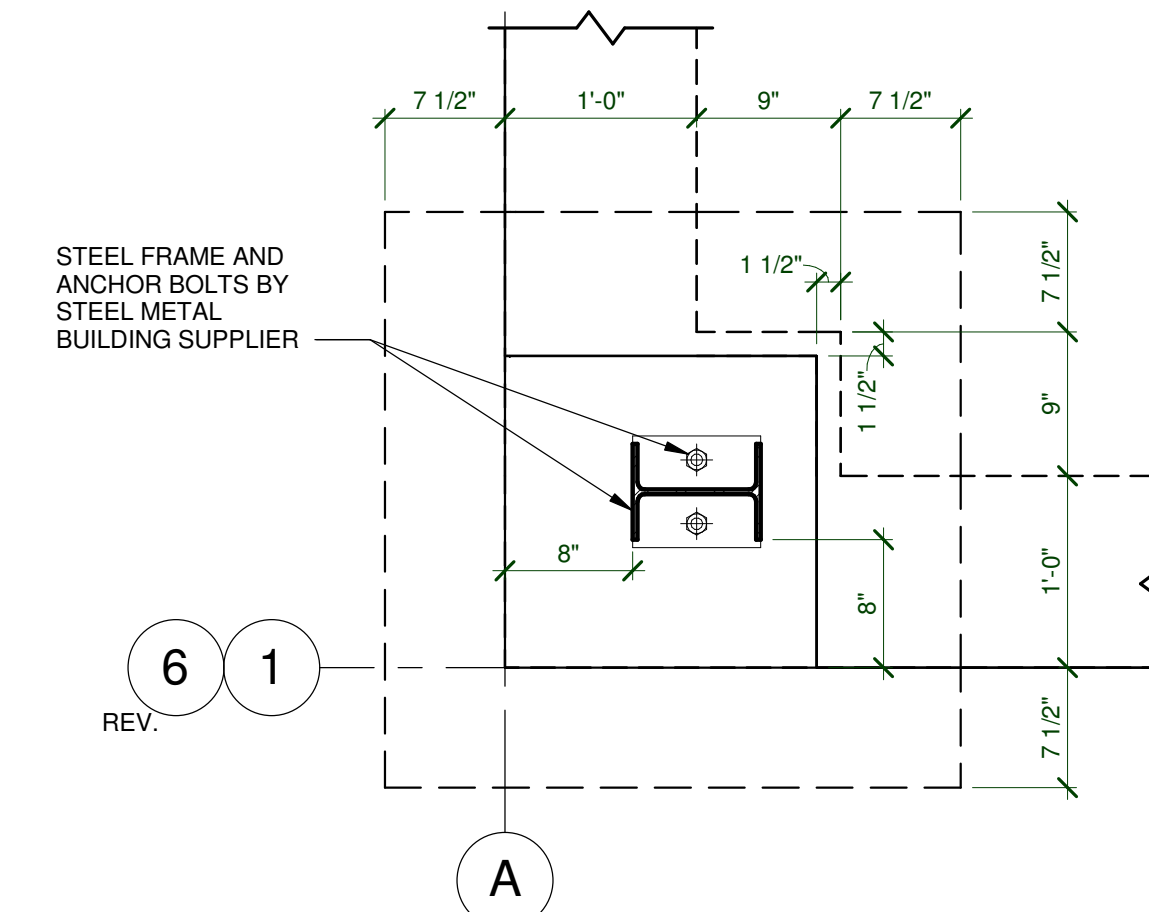
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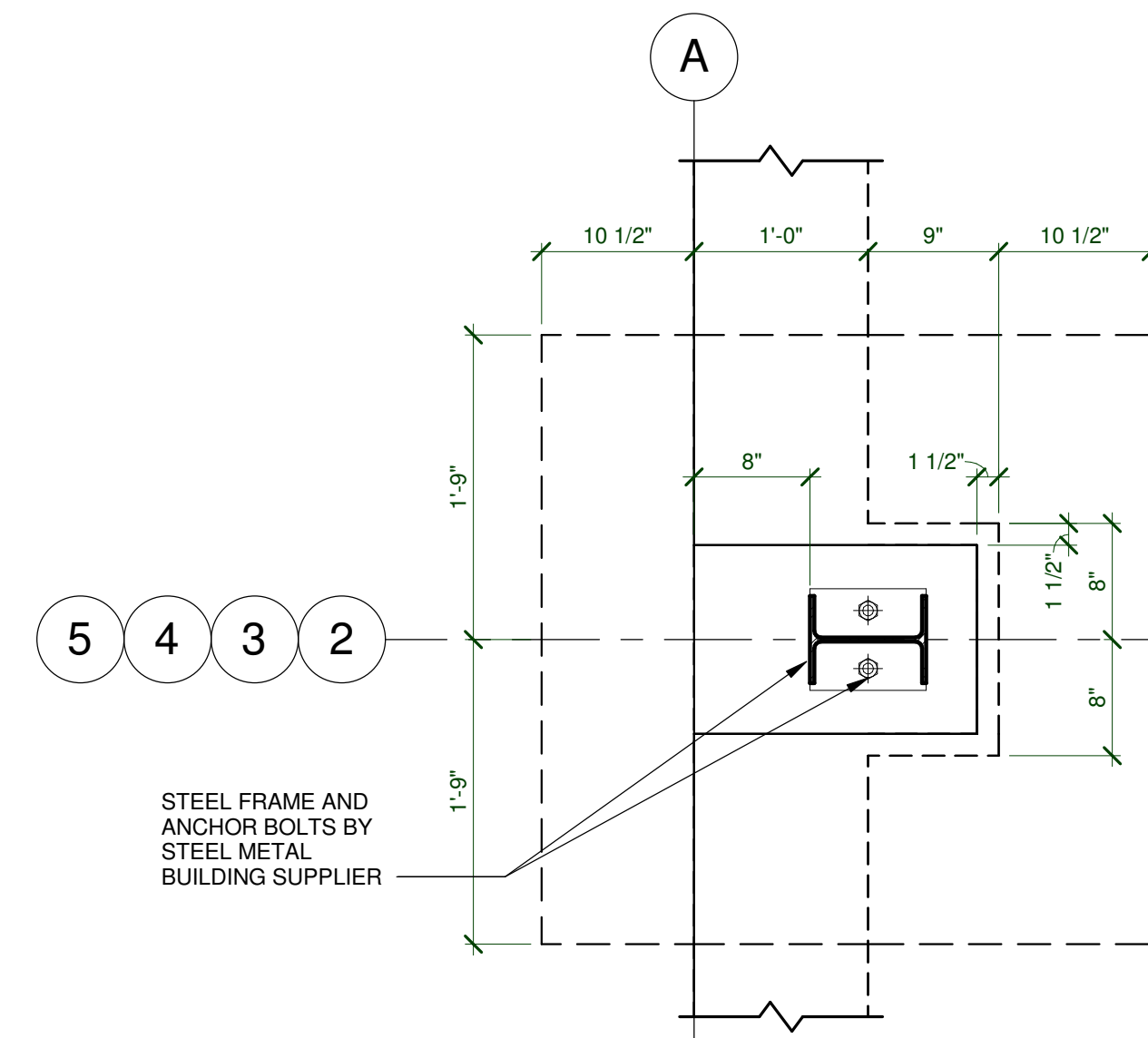
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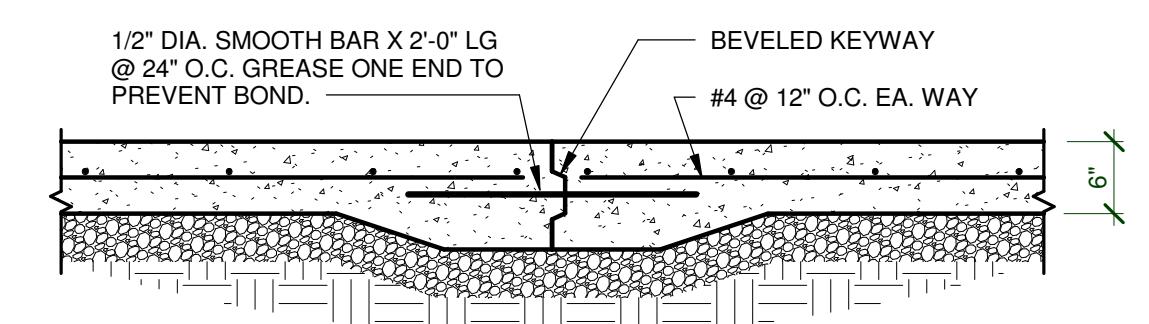
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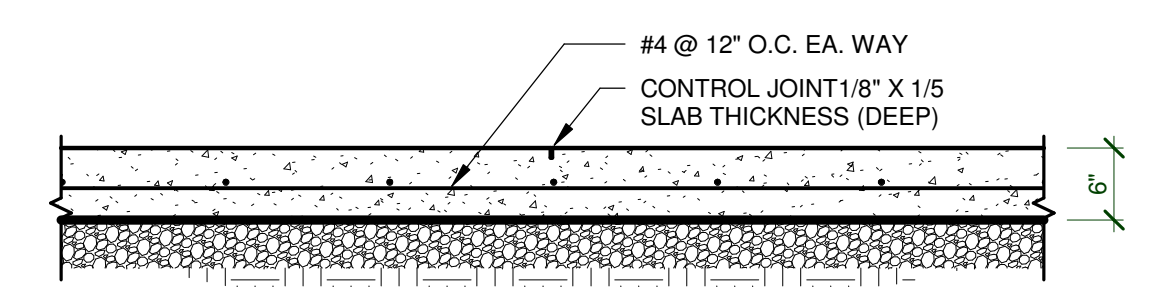
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DETAIL 1
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S5.1



TYPICAL SLAB CONST. JOINT DETAIL
SCALE 3/4" = 1'-0"
S5.1



TYPICAL SLAB CONTROL JOINT DETAIL
SCALE 3/4" = 1'-0"
S5.1