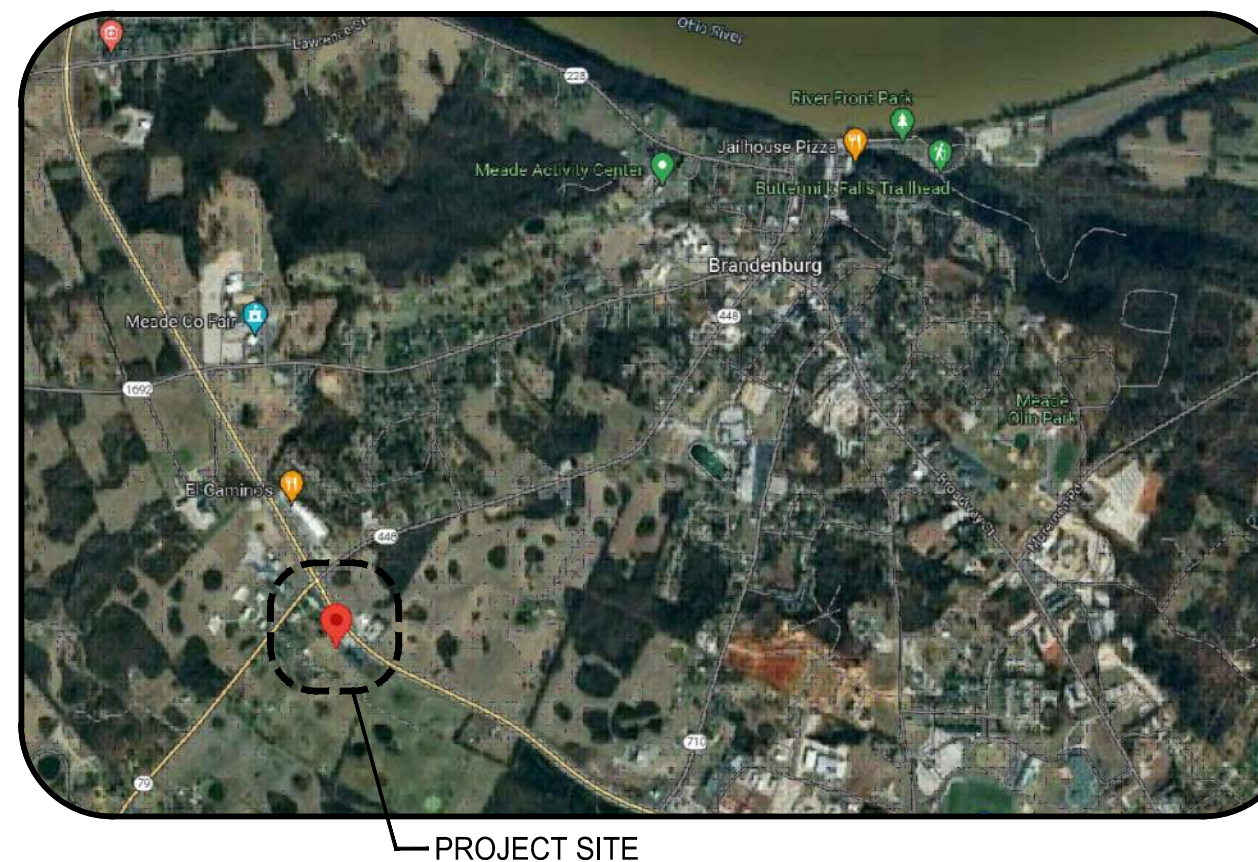


FIVESTAR STORE #2000 NEWCOMB OIL CO., LLC

2121 BRANDENBURG RD.
BRANDENBURG, KY 40108



VICINITY MAP



PROJECT SITE

PROJECT INFORMATION

APPLICABLE BUILDING CODES

BUILDING CODE: IBC 2015 / KBC 2018
ACCESSIBILITY CODE: ADA 2010 / ANSI 2009
ENERGY CODE: IECC 2012

USE AND OCCUPANCY: M - MERCANTILE, S - STORAGE, B-BUSINESS

CONSTRUCTION TYPE: V-B

BUILDING INFORMATION: MERCANTILE CONVENIENCE GAS STATION

BUILDING: 6,519 s.f.

TOTAL BUILDING SIZE: 6,519 s.f.

FIRE SUPPRESSION: NONE

OCCUPANCY ALLOWANCE

FUNCTION OF SPACE	ALLOWANCE	AREA	OCCUPANCY
MERCANTILE	80 GROSS	4,445	74
BUSINESS	100 GROSS	85	1
STORAGE	300 GROSS	1,989	7
TOTAL OCCUPANCY ALLOWANCE:			82

OWNERSHIP OF INSTRUMENTS OF SERVICE AND PROTOTYPE STORE DESIGN:
ALL REPORTS, DRAWINGS, SPECIFICATIONS, DIGITAL DATA FILES, FIELD DATA, NOTES AND OTHER DOCUMENTS AND INSTRUMENTS PREPARED BY CMW, INC. ARE CMW, INC.'S "INSTRUMENTS OF SERVICE".
THE "PROTOTYPE STORE DESIGN" SHALL REMAIN THE PROPERTY OF NEWCOMB OIL CO., LLC, WHO SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS INCLUDING COPYRIGHT THERE TO.

NEWCOMB OIL COMPANY, LLC.

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BCD, INC.

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FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE:
THE DESIGN PROFESSIONAL WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR OTHERS FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

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COVERSHEET

FiveStar #2000 - Brandenburg
NEWCOMB OIL CO., LLC
2121 BRANDENBURG RD.
BRANDENBURG, KY 40108

CONSTRUCTION DOCUMENTS

Issue Date:
August 1, 2024

AHU SEAL

Project Number
23058.01

PLG DATE



STRUCTURAL QUALITY ASSURANCE PLAN

GENERAL

THE NEW STRUCTURE TO BE CONSTRUCTED IS ASSIGNED BY THE KENTUCKY BUILDING CODE, 2018 EDITION, TO SEISMIC USE GROUP AND SEISMIC DESIGN AS SPECIFIED. AS SUCH, THE BUILDING CODE MANDATES SPECIAL INSPECTION (SECTION 1704), SPECIAL INSPECTIONS FOR WIND RESISTANCE (SECTION 1705.11), SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE (SECTION 1705.12), STRUCTURAL OBSERVATION FOR SEISMIC RESISTANCE (SECTION 1704.6.1) AND STRUCTURAL OBSERVATIONS FOR WIND REQUIREMENTS (SECTION 1704.6.2). STRUCTURAL QUALITY ASSURANCE PLAN SPECIFICALLY IDENTIFIES THE RESPONSIBILITIES OF THE CONTRACTOR AND THE SPECIAL INSPECTOR IN PERFORMING THE REQUIRED TESTING AND INSPECTION OF THE STRUCTURAL WORK.

CONTRACTOR RESPONSIBILITIES

In accordance with Section 1704.4 of the Building Code, the Contractor shall submit to the Architect a written statement of responsibility that contains the following:

- Acknowledgement of awareness of the special requirements contained within this Structural Quality Assurance Plan.
- Acknowledgement that control shall be exercised to obtain conformance with the construction documents approved by the Building Official.
- Procedures for exercising control with the Contractor's organization, the method and frequency of reporting, and the distribution of reports.
- Identification and qualifications of the person(s) exercising such control and their position(s) in the organization.

The Structural Testing / Inspection Agency that is to act as the Special Inspector will be hired by the Owner.

Contractor shall pay for any additional structural testing/inspection required for work or materials not complying with the Construction Documents due to negligence or nonconformance and shall pay for any additional structural testing/inspection required for his convenience.

The Contractor is responsible to ensure that the Special Inspector is present for all work requiring special inspection. Any work that requires special inspection and is performed without the Special Inspector being present is subject to being demolished and reconstructed.

The Contractor has the following responsibilities to the Special Inspector:

- Provide copy of Construction Documents to the Special Inspector.
- Notify the Special Inspector sufficiently in advance of operations to allow assignment of personnel and scheduling of tests.
- Cooperate with Special Inspector and provide access to work.
- Provide samples of materials to be tested in required quantities.
- Provide storage space for the Special Inspector's exclusive use, such as for storing and curing concrete testing samples.
- Provide labor to assist the Special Inspector in performing tests/inspections.

SOILS & ROCK BEARING

The Special Inspector shall perform the following:

- Verify structural fill complies with specifications and the geotechnical report.
- Observe proofrolling.
- Perform field density tests to verify compaction of structural fill. As a minimum, perform one test per lift for every 2500 square feet of fill placed.
- Inspect footing trenches & ensure proper bearing on earth & conc. fill to earth per geotechnical report and specifications.

NON-SHRINK GROUT UNDER STEEL BASE PLATES

The Special Inspector shall perform the following:

- Compressive strength tests per ASTM C109.
- Number of Tests: One test for each ten bags of grout used or minimum of one test for each day of grouting.
- Cube Size: 2-inch x 2-inch.
- Test Schedule: One cube at 3 days, two cubes at 7 days, three cubes at 28 days.

STEEL JOIST

The Contractor shall perform the following:

- Joists shall be manufactured and designed in accordance with the Steel Joist Institute specifications. Submit letter of compliance.
- Submit shop drawings from a SJI certified firm. The Special Inspector shall perform periodic inspections of the following:
 - Visual inspection of bolted and welded connections.
 - Verify installation of bridging or braces.
 - Verify connection for top and bottom chords.
 - Verify reinforcement of members for concentrated loads.
 - Verify proper bearing.

CAST-IN-PLACE CONCRETE

The Contractor shall perform the following:

- Establish concrete mix design proportions per ACI 318, Chapter 5. Submit 5 copies (minimum) of the concrete mix designs. Include the following:
 - Type and quantities of materials
 - Slump
 - Air content
 - Fresh unit weight
 - Aggregates sieve analysis
 - Design compressive strength
 - Location of placement in structure
 - Method of placement
 - Method of curing
 - Seven-day and 28-day compressive strengths

- Submit a certification from each manufacturer or supplier stating that materials meet the requirements of the specified ASTM and ACI standards.

- Submit certification that the ready-mixed concrete plant complies with the requirements of the National Ready Mix Concrete Association.

The Special Inspector shall perform the following:

- Verify quantity, location, and placement of reinforcing steel prior to concrete placement.
- Examine concrete in truck to verify that concrete appears properly mixed.
- Perform a slump test as deemed necessary for each concrete load. Record if water or admixtures are added to the concrete at the job site. Perform additional slump tests after job site adjustments.
- Mold four specimens per set for compressive strength testing; one set for each 50 cubic yards (or portion thereof) of each mix design in any one day. For each set set molded, record:
 - Slump
 - Air content
 - Unit weight
 - Temperature, ambient and concrete
 - Location of placement
 - Any pertinent information, such as addition of water, addition of admixtures, etc.
- Perform one 7-day and two 28-day compressive strength tests. (Use one as a spare to be broken as directed by the Structural Engineer if compressive strengths do not appear adequate.)
- Reports of compressive strength tests shall contain the project identification name and number, date of concrete placement, concrete design compressive strength, location of concrete placement in structure, concrete mix proportions and materials, compressive breaking strength and type of break.

CONCRETE MASONRY

Contractor shall perform the following:

- Submit a certification from each manufacturer or supplier stating that the following materials comply with the specified ASTM or ACI Standards:
 - Concrete masonry units.
 - Mortar materials: Portland cement, hydrated lime, and aggregates.
 - Grout materials: Portland cement and aggregates.
 - Joint reinforcement steel.
 - Reinforcing steel.
- For reinforcing steel used in concrete masonry walls, submit certified mill test reports.

Special Inspector shall perform the following:

- Verify compressive strength of concrete masonry units, mortar, and coarse grout for every 5,000 sq. ft. of surface area (or portion thereof) as follows:
 - Three (3) concrete masonry units shall be tested in accordance with ASTM C140.
 - Six (6) mortar cube specimens shall be tested, three (3) at 7-days and three (3) at 28-days, in accordance with ASTM C109.
 - Four (4) coarse grout specimens shall be tested, two (2) at 7-days and two (2) at 28-days, in accordance with ASTM C-109.
 - In lieu of individual tests of masonry units, mortar, and grout, perform one (1) prism test (which consists of three prisms) in accordance with ASTM E447.
- Provide continuous inspection to verify compliance of the following:
 - Cleanliness of grout space prior to grouting.
 - Placement of grout in reinforced cells.
 - Preparation of required grout and mortar specimens.
 - Welding of reinforcing bars.
- Provide periodic inspection to verify compliance of the following:
 - Proportions of site-prepared mortar or grout.
 - Construction of mortar joints.
 - Quantity, size, location, and support of reinforcing steel.
 - Quantity, size, and placement of horizontal joint reinforcement.
 - Type, size and location of anchors.
 - Protection of masonry during cold or hot weather.

STEEL DECK

The Contractor shall perform the following:

- Submit mill certification that the supplied steel complies with the specifications. The Special Inspector shall perform periodic inspections of the following:
 - Verify general alignment and deck lap.
 - Verify screws/welds for size and pattern.
 - Verify spacing and type of side lap attachments.
 - Verify installation of deck closures.

STRUCTURAL STEEL

The Contractor shall perform the following:

- The steel fabricator shall be AISC or AWS Certified, refer to Spec. 05120.
 - Submit certified mill test reports for structural steel.
 - Submit manufacturer's certificate of compliance for high-strength bolting and weld filler materials.
- ** If the fabricator is not certified, then the fabricator shall reimburse the owner for the costs of these tests.

The Special Inspector shall perform the following:

- Provide continuous inspection to verify compliance of the following:
 - Inspection of slip-critical connections, except periodic inspection may be performed when using torque control bolts (twist off)
 - Complete and partial penetration groove welds. Ultrasonically inspect 100% of the complete penetration welds.
 - Multi-pass fillet welds and single-pass fillet welds greater than 5/16".
- Provide periodic inspection to verify compliance of the following:
 - Material verification of high-strength bolts, nuts, and washers.
 - Material verification of structural steel.
 - Material verification of weld filler material.
 - Anchor bolt size, configuration, and embedment shall be verified prior to placement of concrete.
 - Visually inspect all field-welded connection. Visual inspection of welded joints includes periodic examination of fitup.
 - Verify stud shear connector spacing and location. Visually inspect welding of stud shear connectors.
- Weld Inspections:
 - Weld inspections shall be in accordance with AWS D1.1.
 - Review and verify compliance of written welding procedures with AWS requirements.
 - Verify that welding procedures are being adhered to during field welding.
 - Verify welder qualifications.
 - Use all means necessary to determine the quality of welds. The inspector may use gamma ray, magnaflux, trepanning, sonics or any other aid to visual inspection that the Special Inspector may deem necessary to be assured of the adequacy of the welding.
 - Keep a systematic record of all welds that include, in addition to other required records, the identification marks of welders, a list of defective welds, and the manner of correcting defects.

WOOD CONSTRUCTION

- Check all wood framing layout and confirm compliance with plans, specs, and shop drawings.
- Visually inspect truss layout and anchorage and confirm compliance with plans, specs, and shop drawings.
- Visually inspect all roof and wall sheathing attachments and confirm compliance with plans, specs, and shop drawings.

SPECIAL INSPECTOR RESPONSIBILITIES

The Special Inspector shall maintain records of inspections in accordance with Section 1704.1.2 and shall distribute these records to the Architect and Structural Engineer on a weekly basis. At the conclusion of the project, the Special Inspector shall submit a final report including a written statement that the special inspections during construction have complied with this Structural Quality Assurance Plan and that any discrepancies noted during construction have been corrected.

WOOD CONSTRUCTION

Special inspector shall perform the following:

- Check all wood framing layout and confirm compliance with plans, specs, and shop drawings.
- Visually inspect truss layout and anchorage and confirm compliance with plans, specs, and shop drawings.
- Visually inspect all roof and wall sheathing attachments and confirm compliance with plans, specs, and shop drawings.

SPECIAL INSPECTIONS PER CHAPTER 17 OF THE KENTUCKY BUILDING CODE

SECTION	ITEM	REQUIRED?		REMARKS
		YES	NO	
1704.2.5	FABRICATORS	X		STEEL FABRICATION SPECIAL INSPECTION IS REQUIRED IF THE FABRICATOR IS NOT A.I.S.C. OR AWS CERTIFIED.
1704.6.1	STRUCTURAL OBSERVATION FOR SEISMIC REQUIREMENTS		X	SEISMIC DESIGN CATEGORY "C"
1704.6.2	STRUCTURAL OBSERVATION FOR WIND REQUIREMENTS		X	Vasd = 93mph.
1705.2	STEEL	X		PER AISC 360 & TABLE 1705.2.2
1705.3	CONCRETE	X		PER TABLE 1705.3
1705.4	MASONRY	X		LEVEL B TMS 402/ACI 530/ASCE 5
1705.5	WOOD	X		PER SECTION 1705.5
1705.6	SOILS	X		PER TABLE 1705.6
1705.7	DRIVEN DEEP FOUNDATIONS	X		NONE
1705.8	CAST IN PLACE DEEP FOUNDATIONS	X		NONE
1705.9	HELICAL PILE FOUNDATIONS	X		NONE
1705.11.1	WIND - STRUCTURAL WOOD	X		Vasd = 93mph.
1705.11.2	WIND - COLD FORMED STEEL FRAMING	X		NONE
1705.11.3	WIND - WIND RESISTING COMPONENTS	X		NONE
1705.12.1	SEISMIC - STRUCTURAL STEEL	X		SEISMIC DESIGN CATEGORY "C"
1705.12.2	SEISMIC - STRUCTURAL WOOD	X		PER SECTION 1705.12.2
1705.12.3	SEISMIC - COLD FORMED STEEL FRAMING	X		NONE
1705.12.4	DESIGNATED SEISMIC SYSTEMS	X		PER SECTION 1705.12.4
1705.12.5	SEISMIC - ARCHITECTURAL COMPONENTS - INTERIOR/EXTERIOR NON-LOAD BEARING WALLS AND VENEER IN STRUCTURES		X	SEISMIC DESIGN CATEGORY "C"
1705.12.6	SEISMIC - MECHANICAL AND ELECTRICAL COMPONENTS	X		SEISMIC DESIGN CATEGORY "C"
1705.12.7	SEISMIC - STORAGE RACKS AND ACCESS FLOORS	X		NONE
1705.14	SPRAYED FIREPROOFING	X		1705.14
1705.15	FIREPROOFING	X		1705.15
1705.16	E.I.F.S.	X		PER SECTION 1705.16
1705.17	FIRE RESISTANT PENETRATIONS & JOINTS	X		NONE
1705.18	SMOKE CONTROL	X		NONE

EARTHQUAKE DESIGN DATA

RISK CATEGORY	II
IMPORTANCE FACTOR	1.0
S _s	0.231
S ₁	0.112
SITE CLASS	D
S _{0.1}	0.247
S _{0.2}	0.178
SEISMIC DESIGN CATEGORY	C
BASIC SEISMIC-FORCE RESISTING SYSTEM	ORDINARY REINFORCED CONCRETE SHEAR WALLS
DESIGN BASE SHEAR	0.0616xW
SEISMIC RESPONSE COEFFICIENT (C _s)	0.0616
RESPONSE MODIFICATION FACTOR	4
ANALYSIS PROCEDURE	ELFP

SNOW DESIGN DATA

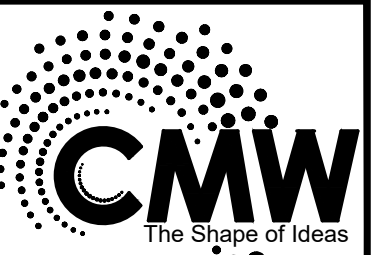
GROUND SNOW LOAD (P _g)	15 PSF
MINIMUM SLOPED ROOF SNOW LOAD (P _m)	15 PSF
FLAT ROOF SNOW LOAD (P _f)	15 PSF
IMPORTANCE FACTOR	1.0
THERMAL FACTOR (C _t)	1.0
SNOW EXPOSURE FACTOR (C _e)	0.9

DESIGN LIVE LOADS

ROOF	20 PSF
1st FLOOR	100 PSF

WIND DESIGN DATA

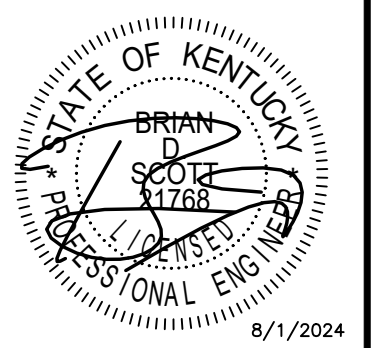
ULTIMATE DESIGN WIND SPEED (V _{ult})	115 MPH	
NOMINAL DESIGN WIND SPEED (V _{nom})	89 MPH	
RISK CATEGORY	II	
WIND EXPOSURE CATEGORY	B	
INTERNAL PRESSURE COEFFICIENT	+/- 0.18	
COMPONENTS AND CLADDING [H<30 FT]		
	EXPOSURE B (PSF)	EXPOSURE C (PSF)
ROOF 0 TO 7 DEGREES		
INTERIOR ZONE	9.7 -23.8	13.5 -33.3
END ZONE	9.7 -39.9	13.5 -55.8
CORNER ZONE	9.7 -60.1	13.5 -84.1
ROOF >7 TO 27 DEGREES		
INTERIOR ZONE	13.7 -21.8	19.1 -30.5
END ZONE	13.7 -37.9	19.1 -50.0
CORNER ZONE	13.7 -56.0	19.1 -78.4
INTERIOR ZONE	21.8 -23.8	30.5 -33.3
END ZONE	21.8 -27.8	30.5 -38.9
CORNER ZONE	21.8 -27.8	30.5 -38.9
WALLS		
INTERIOR ZONE	23.8 -25.8	33.3 -36.1
END ZONE	23.8 -31.9	33.3 -44.6



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POAGE ENGINEERS & ASSOCIATES



STRUCTURAL NOTES
 Five Star #2000 - Brandenburg
NEWCOMB OIL CO. LLC
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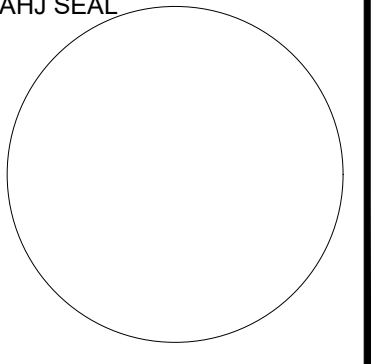
CONSTRUCTION DOCUMENTS

Issue Date: August 1, 2024
Drawn By: HMM
Checked By: BDS

Revisions:

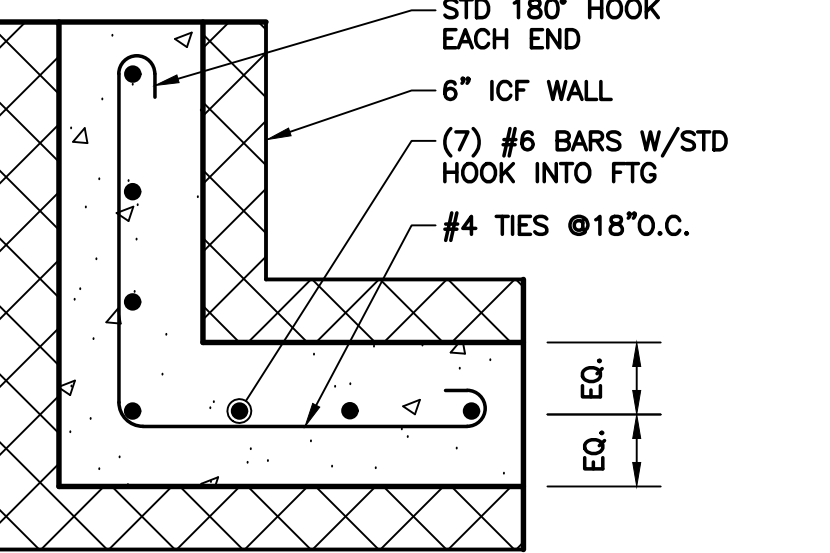
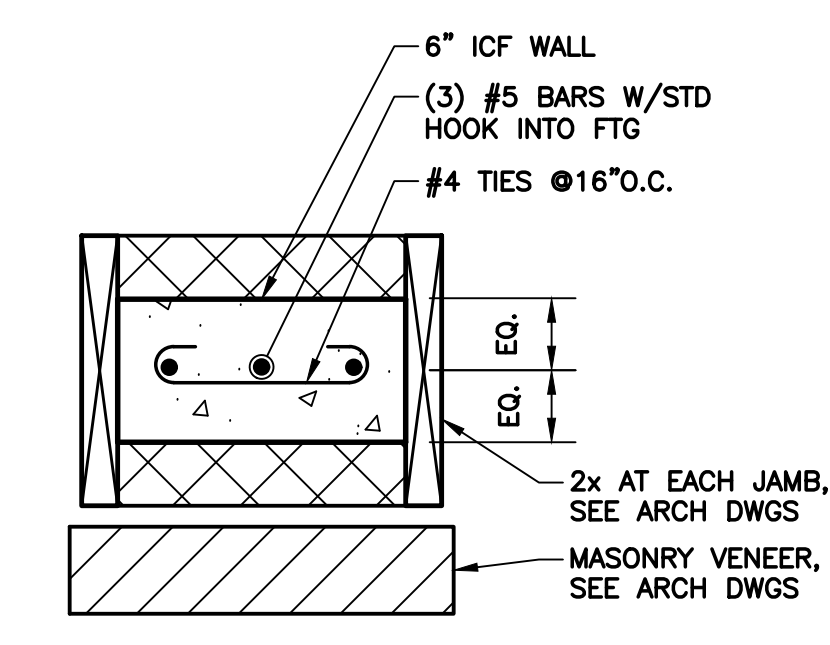
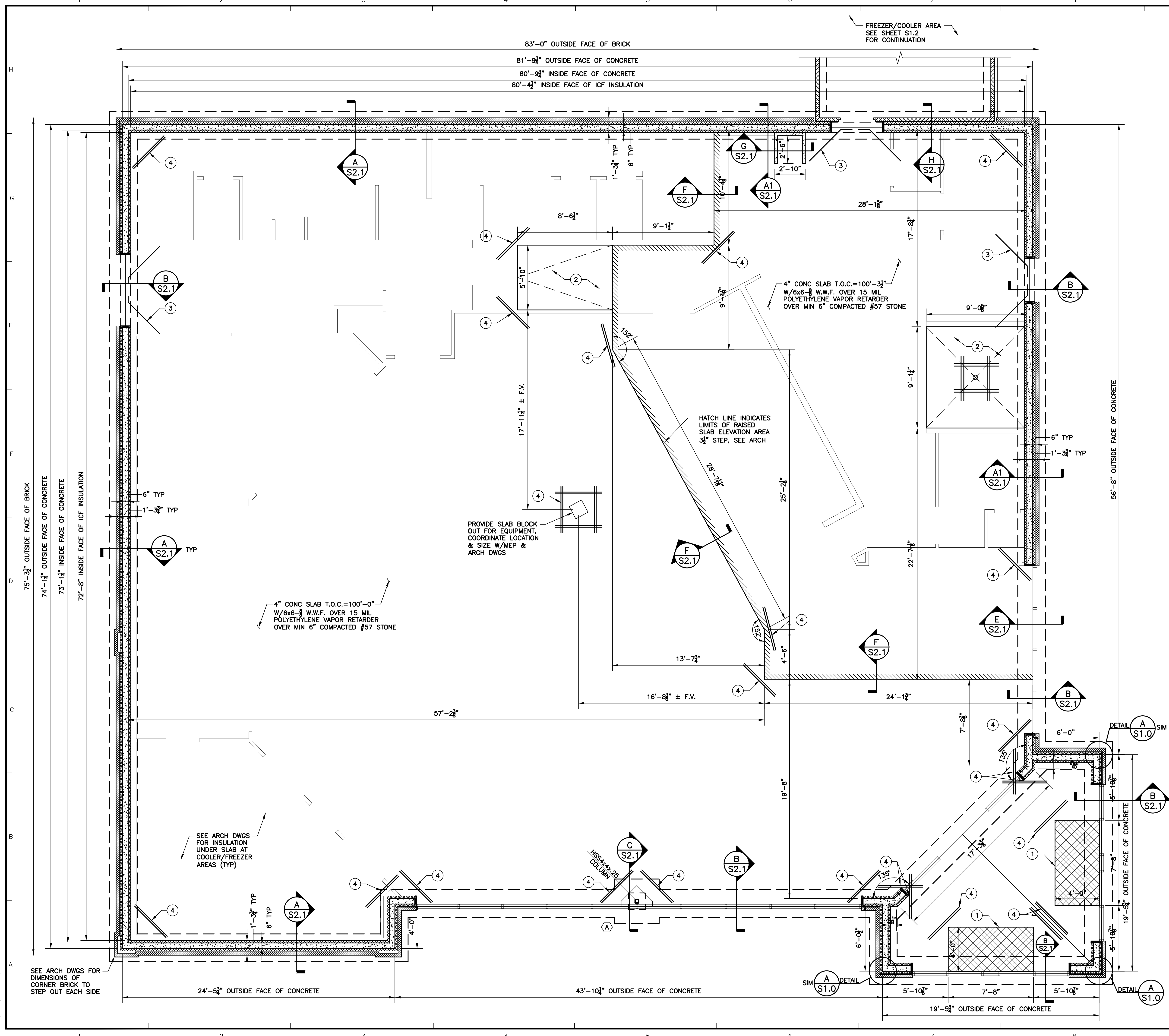
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AHJ SEAL



Project Number
24087

S0.0



- NOTES:**
- RECESS T.O. SLAB 3/8" DEEP FOR FLOOR MAT, SEE ARCH DWGS
 - SLOPED SLAB AREA, SEE ARCH DWGS FOR DIMS, PROVIDE CONTROL JOINT AT EACH SIDE
 - PROVIDE (2) #4 BARS CENTERED IN SLAB AT ALL DOOR OPENINGS, TYP U.N.O.
 - PROVIDE (2) #4 BARS x48" LONG AT ALL SLAB RE-ENTRANT CORNERS, TYP U.N.O.

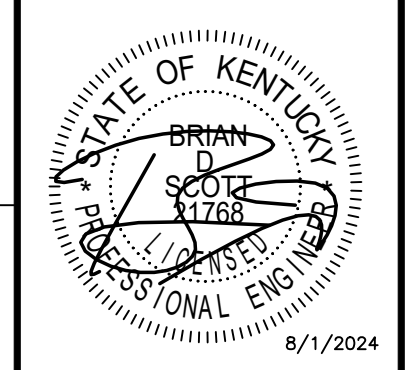
- NOTES:**
- DATUM ELEVATION TOP OF CONCRETE (T.O.C.) = 100'-0" ASSUMED.
 - CONTRACTOR SHALL COORDINATE FLOOR DRAINS & ELECTRICAL CONDUITS WITH MECHANICAL, ELECTRICAL & PLUMBING DWGS NOT SHOWN ON THE STRUCTURAL DWGS.
 - ALL DIMENSIONS SHOWN ARE TO FACE OF CONCRETE FOUNDATION WALL UNLESS NOTED OTHERWISE (U.N.O.)
 - REFER TO ARCHITECTURAL DWGS FOR LOCATIONS OF ALL INTERIOR NONLOAD-BEARING WALLS NOT LOCATED ON STRUCTURAL DWGS.
 - REFER TO GEOTECH REPORT FOR ADDITIONAL RECOMMENDATIONS.
 - SAW CONTROL JOINTS IN THE CONCRETE SLAB IMMEDIATELY AFTER SET UP. REFER TO DWGS, BUT MAXIMUM SPACING SHALL BE 16'-0" IN EITHER DIRECTION (TYPICAL U.N.O.) IN LIEU OF CONTROL JOINTS PROVIDE FIBER MESH IN ADDITION TO W.W.F. THAT IS CURRENTLY SHOWN.

FOOTING SCHEDULE		
MARK	FOOTING SIZE	REINFORCING STEEL
(A)	4'-0"x4'-0"x12"	(4) #5 BARS EACH WAY

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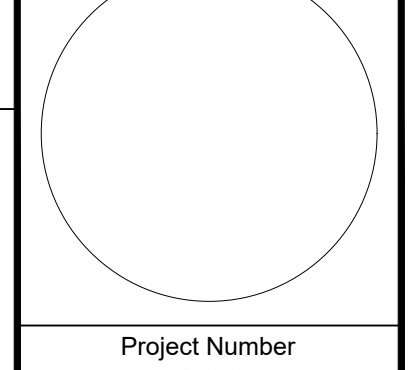
POAGE ENGINEERS & ASSOCIATES



FOUNDATION PLAN
Five Star #2000 - Brandenburg
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CONSTRUCTION DOCUMENTS

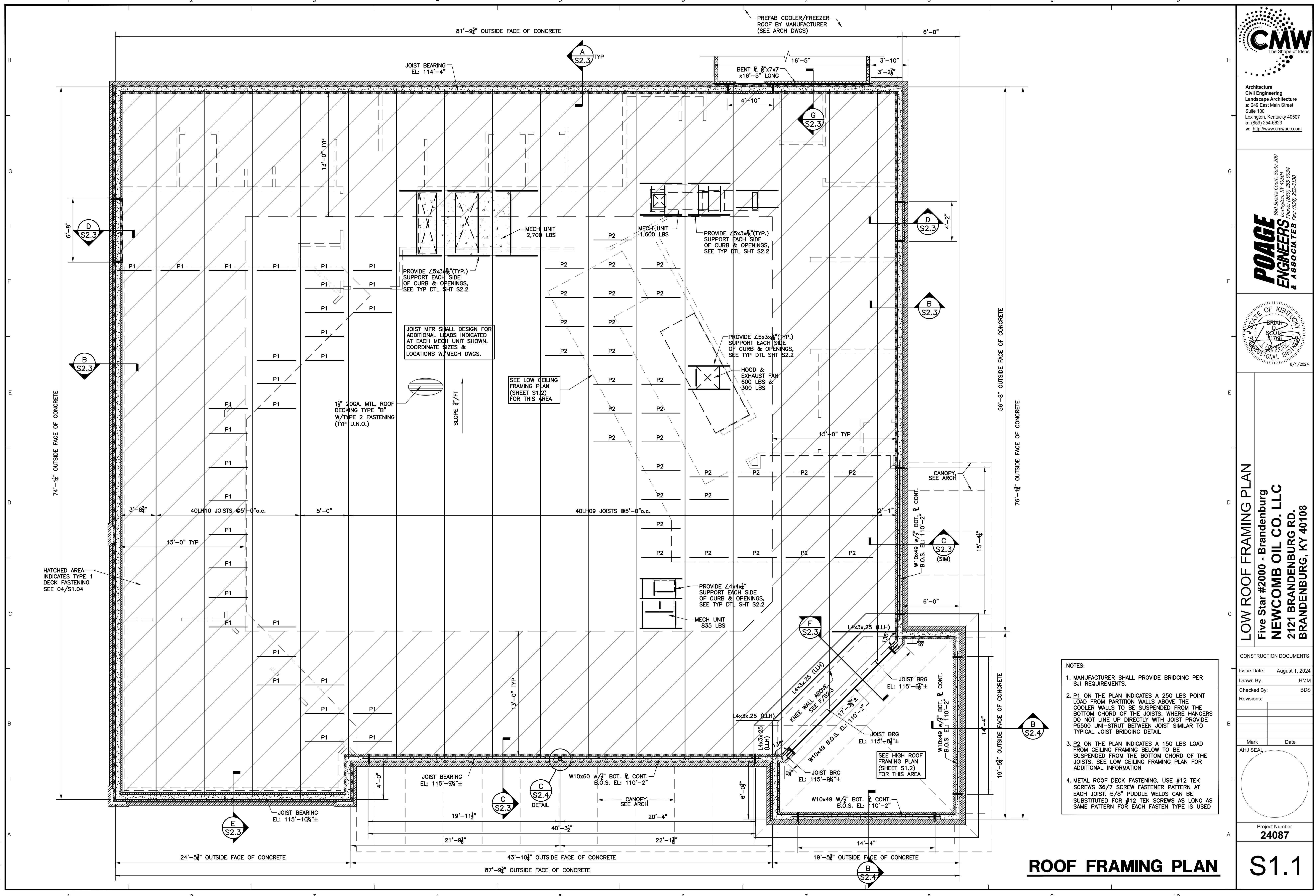
Issue Date:	August 1, 2024
Drawn By:	HMM
Checked By:	BDS
Revisions:	



Project Number
24087

FOUNDATION PLAN

S1.0



POAGE/24087/04.01.2024/HMM

- NOTES:**
1. MANUFACTURER SHALL PROVIDE BRIDGING PER SJI REQUIREMENTS.
 2. P1 ON THE PLAN INDICATES A 250 LBS POINT LOAD FROM PARTITION WALLS ABOVE THE COOLER WALLS TO BE SUSPENDED FROM THE BOTTOM CHORD OF THE JOISTS. WHERE HANGERS DO NOT LINE UP DIRECTLY WITH JOIST PROVIDE P5500 UNI-STRUT BETWEEN JOIST SIMILAR TO TYPICAL JOIST BRIDGING DETAIL
 3. P2 ON THE PLAN INDICATES A 150 LBS LOAD FROM CEILING FRAMING BELOW TO BE SUSPENDED FROM THE BOTTOM CHORD OF THE JOISTS. SEE LOW CEILING FRAMING PLAN FOR ADDITIONAL INFORMATION
 4. METAL ROOF DECK FASTENING. USE #12 TEK SCREWS 3/8" SCREW FASTENER PATTERN AT EACH JOIST. 5/8" PUDDLE WELDS CAN BE SUBSTITUTED FOR #12 TEK SCREWS AS LONG AS SAME PATTERN FOR EACH FASTEN TYPE IS USED

ROOF FRAMING PLAN

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Phone: (859) 255-9034
Fax: (859) 255-3130

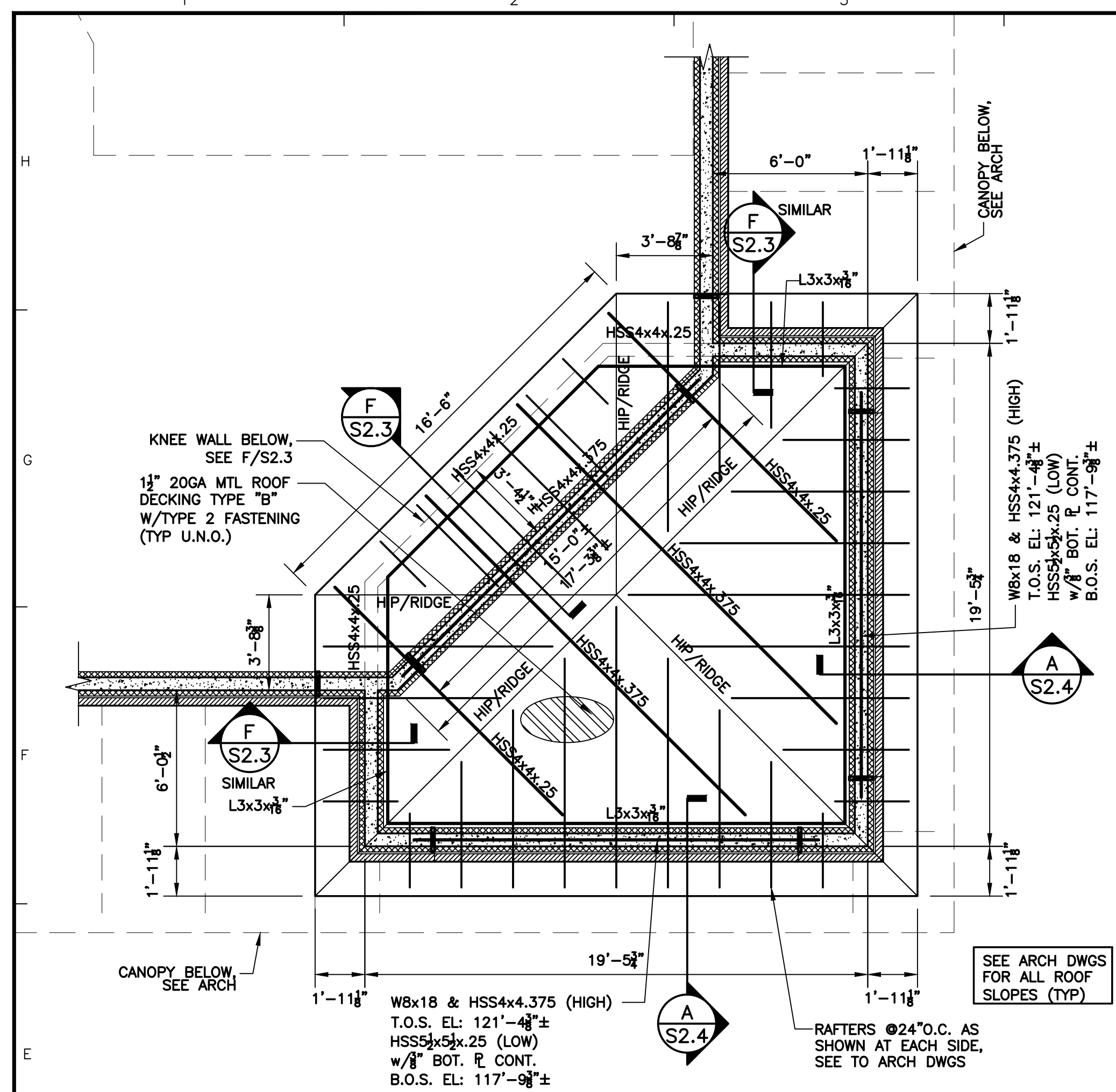
POAGE ENGINEERS & ASSOCIATES

LOW ROOF FRAMING PLAN
 Five Star #2000 - Brandenburg
NEWCOMB OIL CO. LLC
 2121 BRANDENBURG RD.
 BRANDENBURG, KY 40108

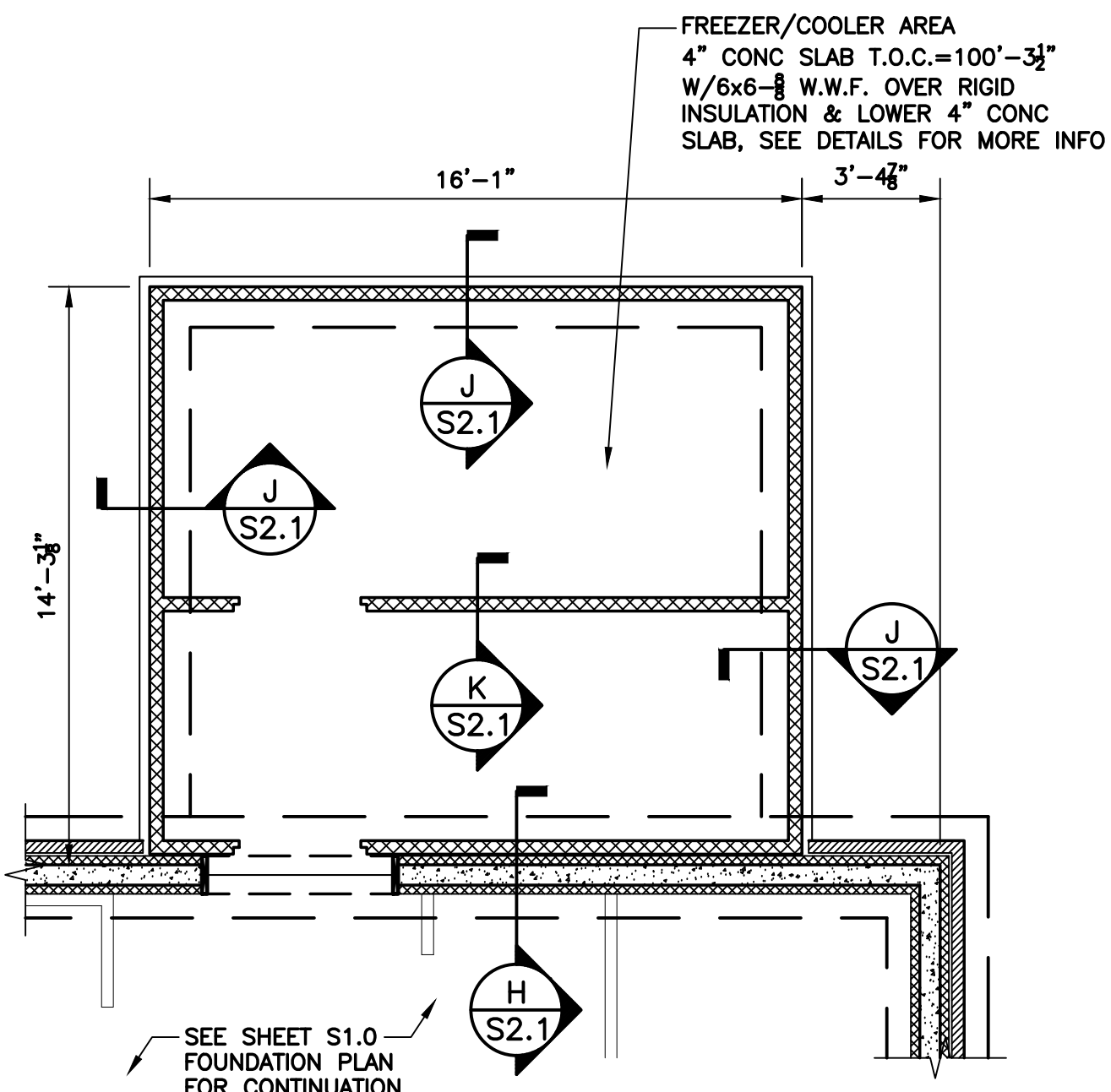
CONSTRUCTION DOCUMENTS

Issue Date:	August 1, 2024
Drawn By:	HMM
Checked By:	BDS
Revisions:	
Mark	Date
AHJ SEAL	
Project Number	24087

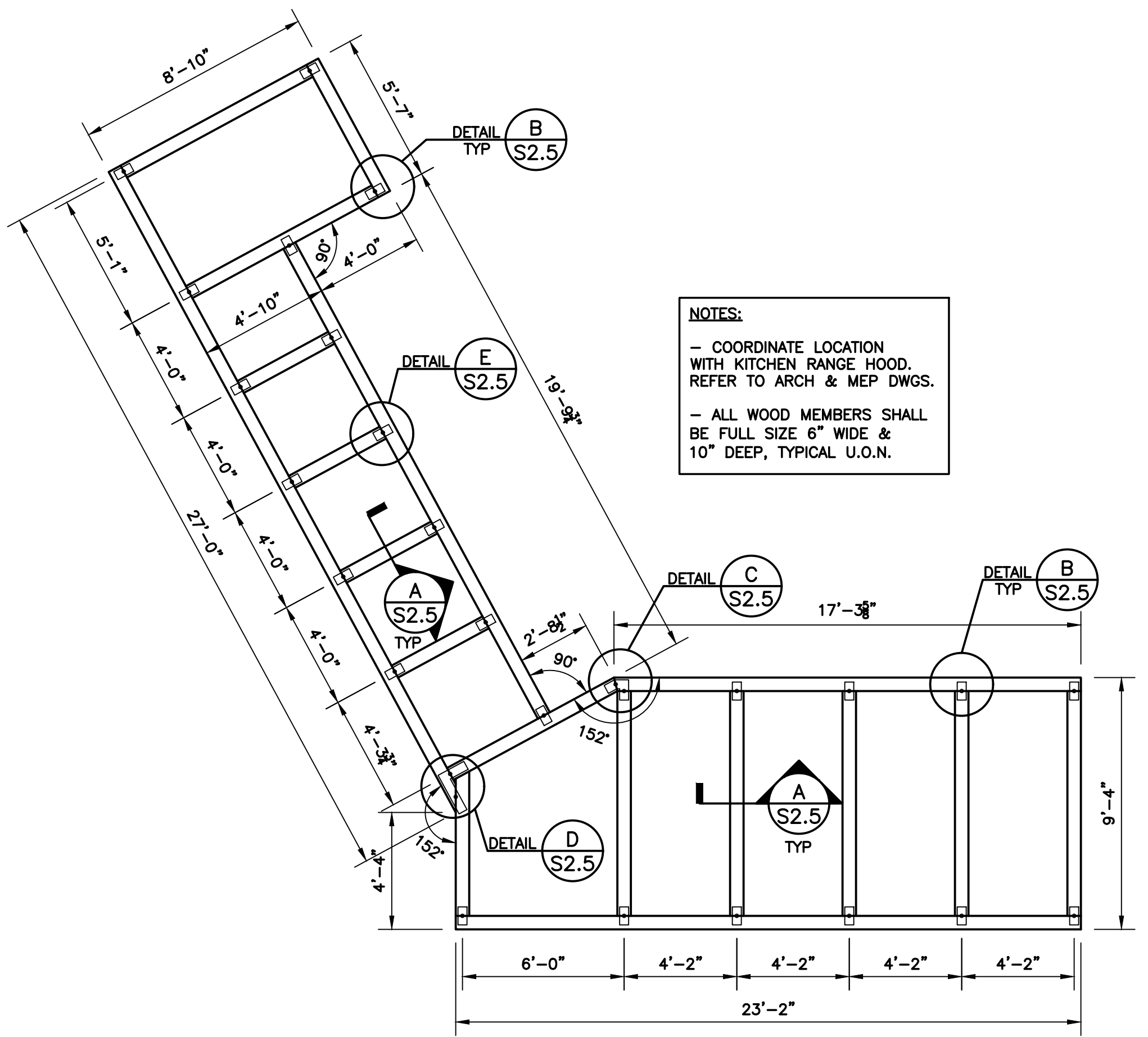
S1.1



HIGH ROOF FRAMING PLAN

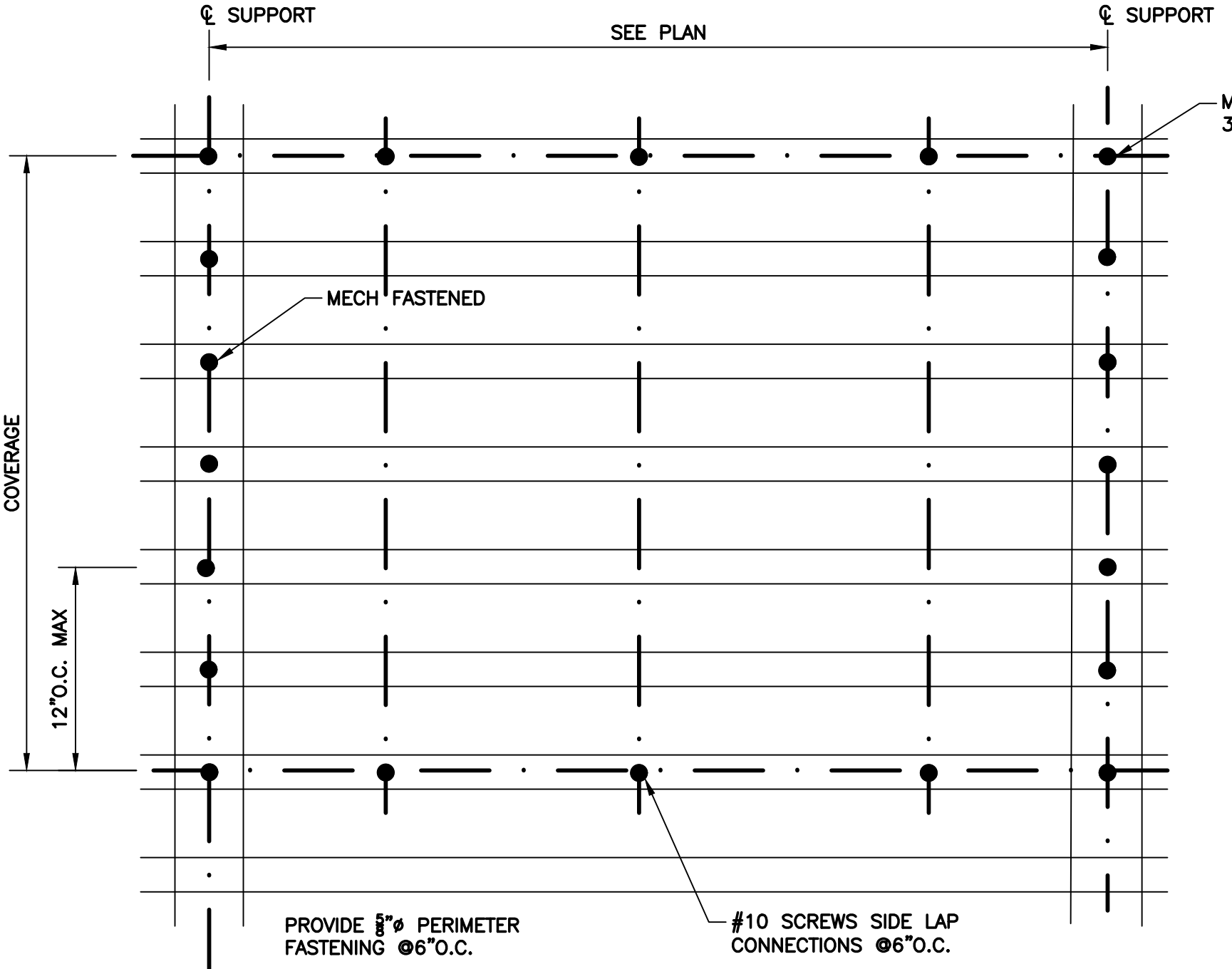


FREEZER/COOLER FOUNDATION PLAN



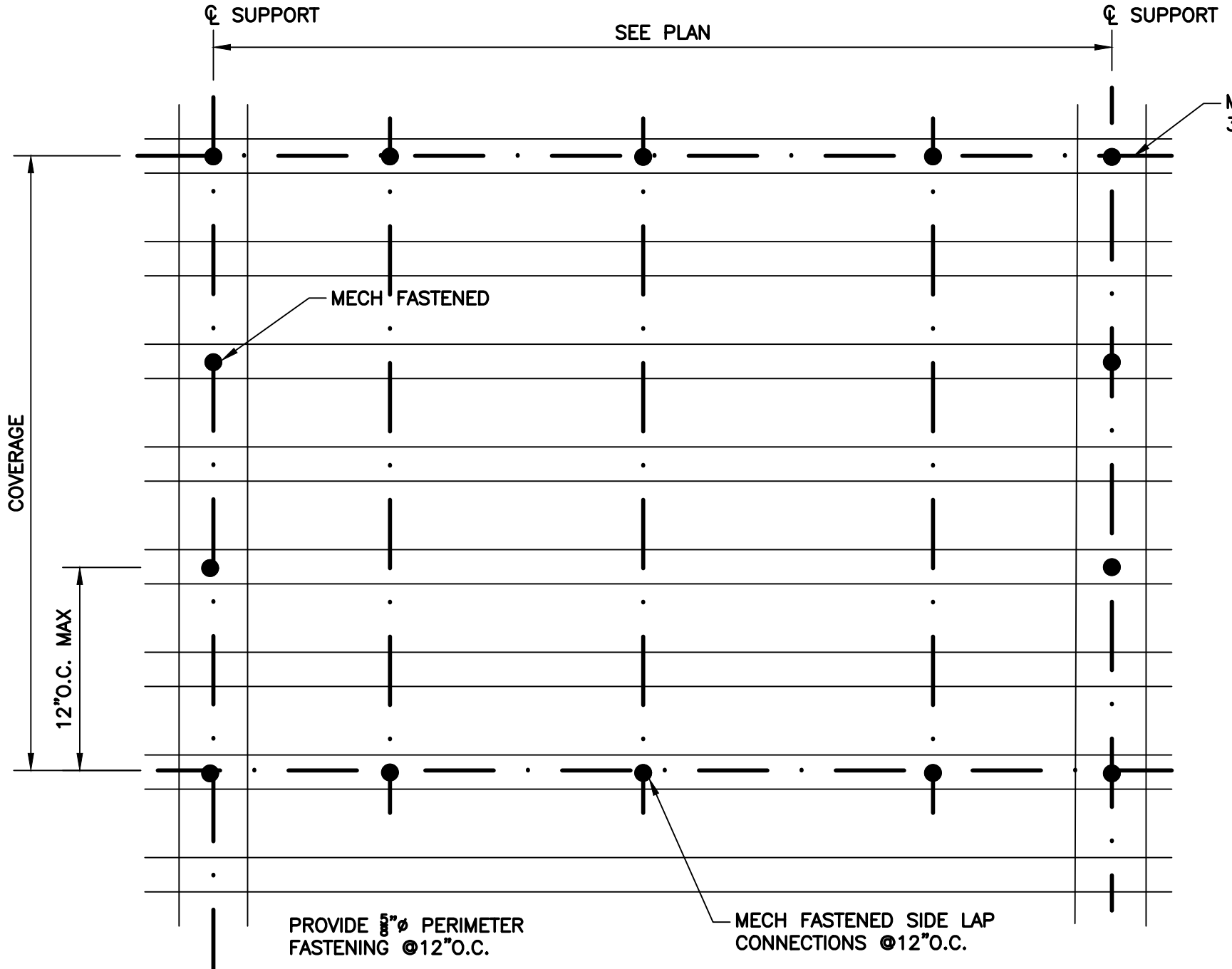
LOW CEILING FRAMING PLAN

NOTES:
 - COORDINATE LOCATION WITH KITCHEN RANGE HOOD. REFER TO ARCH & MEP DWGS.
 - ALL WOOD MEMBERS SHALL BE FULL SIZE 6" WIDE & 10" DEEP, TYPICAL U.O.N.



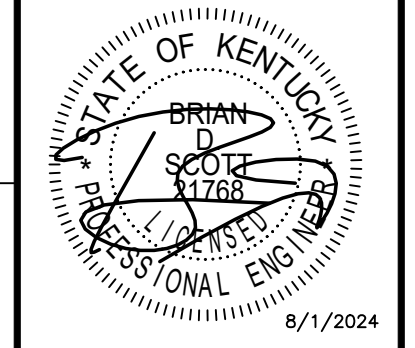
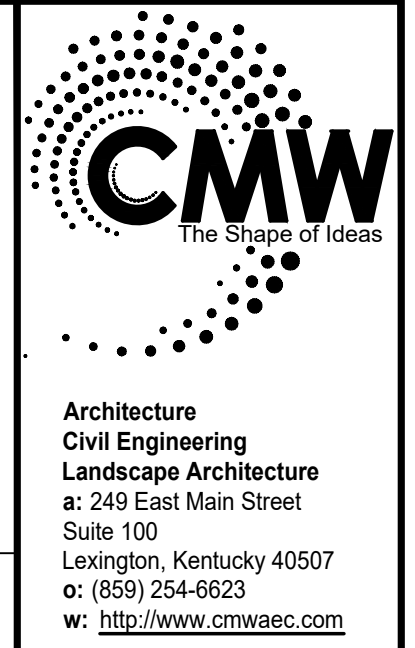
METAL ROOF DECK FASTENING PATTERN TYPE 1 (SHADED AREA)

NOTE:
 3/8" PUDDLE WELDS ARE ACCEPTABLE IN LIEU OF #12 TEK SCREWS AS LONG AS SAME FASTENING PATTERN IS USED & HOLES ARE NOT BURNED INTO THE JOIST TOP CHORD.



METAL ROOF DECK FASTENING PATTERN TYPE 2

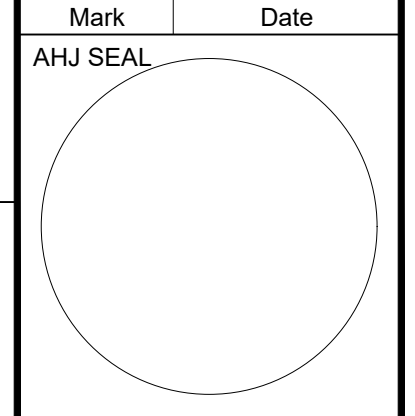
NOTE:
 3/8" PUDDLE WELDS ARE ACCEPTABLE IN LIEU OF #12 TEK SCREWS AS LONG AS SAME FASTENING PATTERN IS USED & HOLES ARE NOT BURNED INTO THE JOIST TOP CHORD.



HIGH ROOF & CEILING FRAMING PLANS
 Five Star #2000 - Brandenburg
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 BRANDENBURG, KY 40108

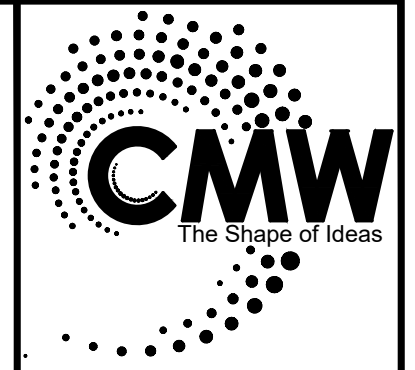
CONSTRUCTION DOCUMENTS

Issue Date:	August 1, 2024
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Checked By:	BDS
Revisions:	



Project Number
24087

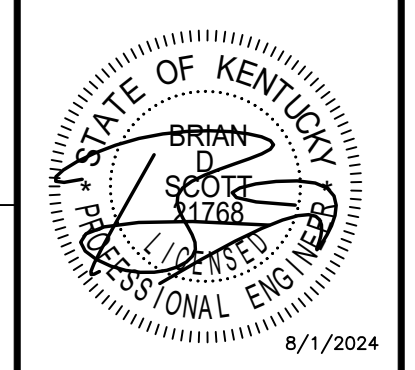
S1.2



Architecture
Civil Engineering
Landscape Architecture
a: 249 East Main Street
Suite 100
Lexington, Kentucky 40507
o: (859) 254-6623
w: http://www.cmwae.com

889 Sparta Court, Suite 200
Lexington, KY 40504
Phone: (859) 255-9034
Fax: (859) 255-3130

POAGE ENGINEERS & ASSOCIATES

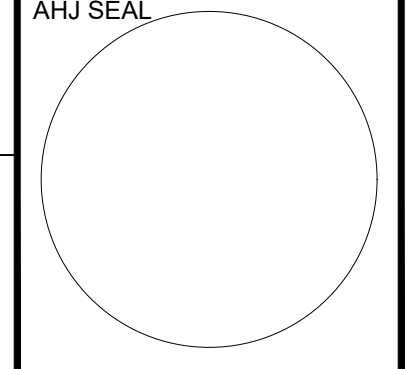


SECTIONS & DETAILS
Five Star #2000 - Brandenburg
NEWCOMB OIL CO. LLC
2121 BRANDENBURG RD.
BRANDENBURG, KY 40108

CONSTRUCTION DOCUMENTS

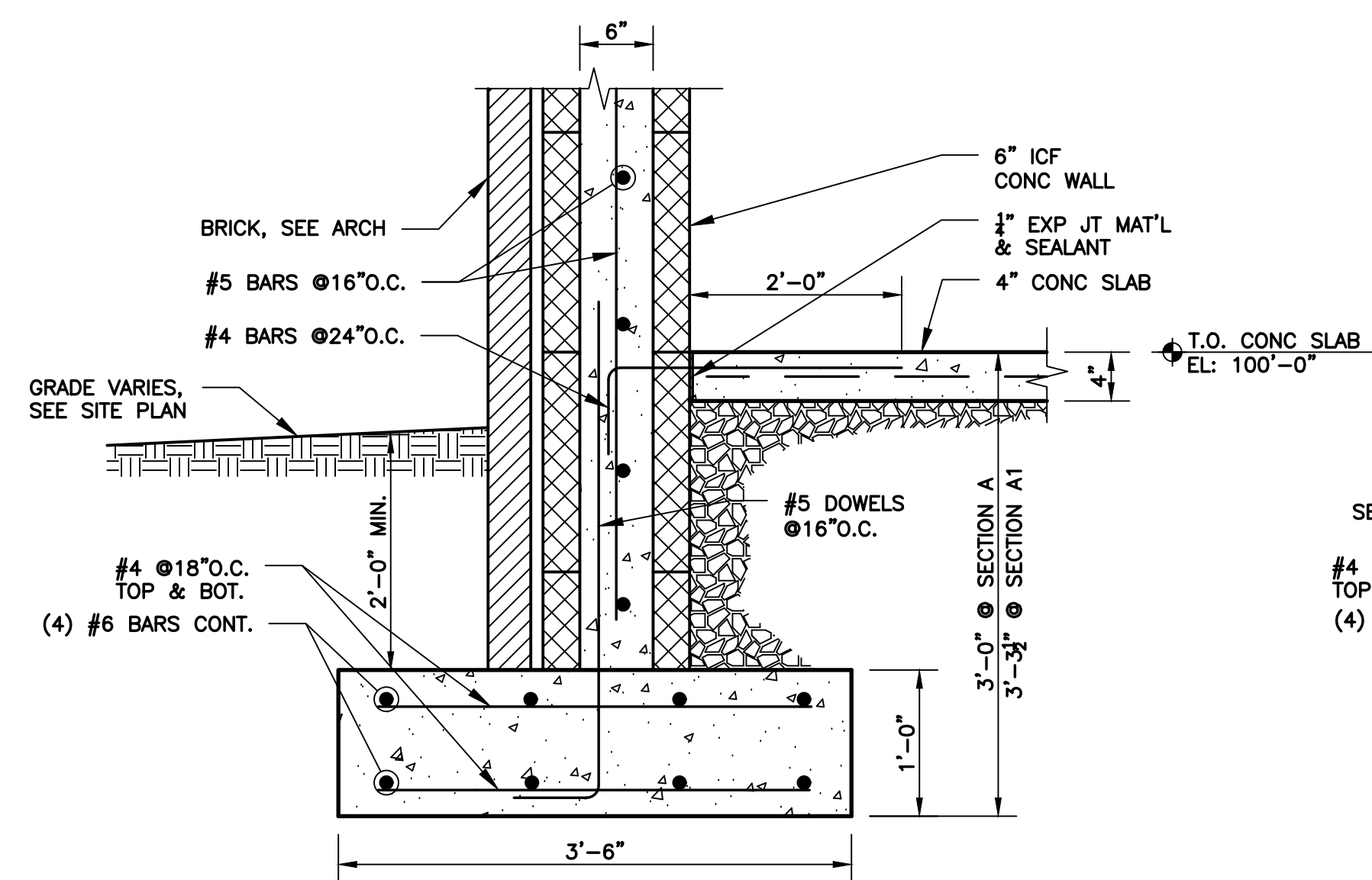
Issue Date: August 1, 2024
Drawn By: HMM
Checked By: BDS
Revisions:

Mark Date

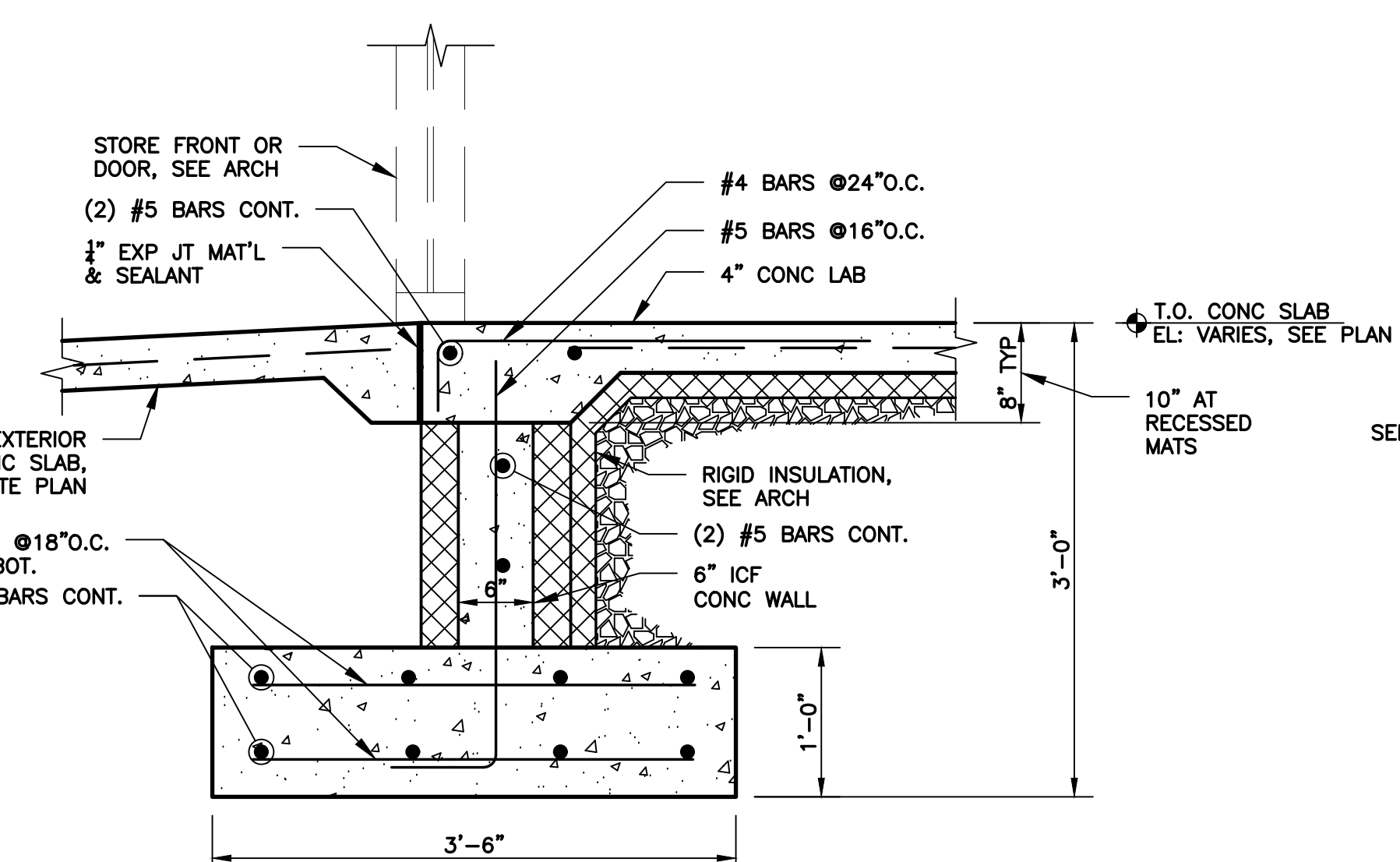


Project Number
24087

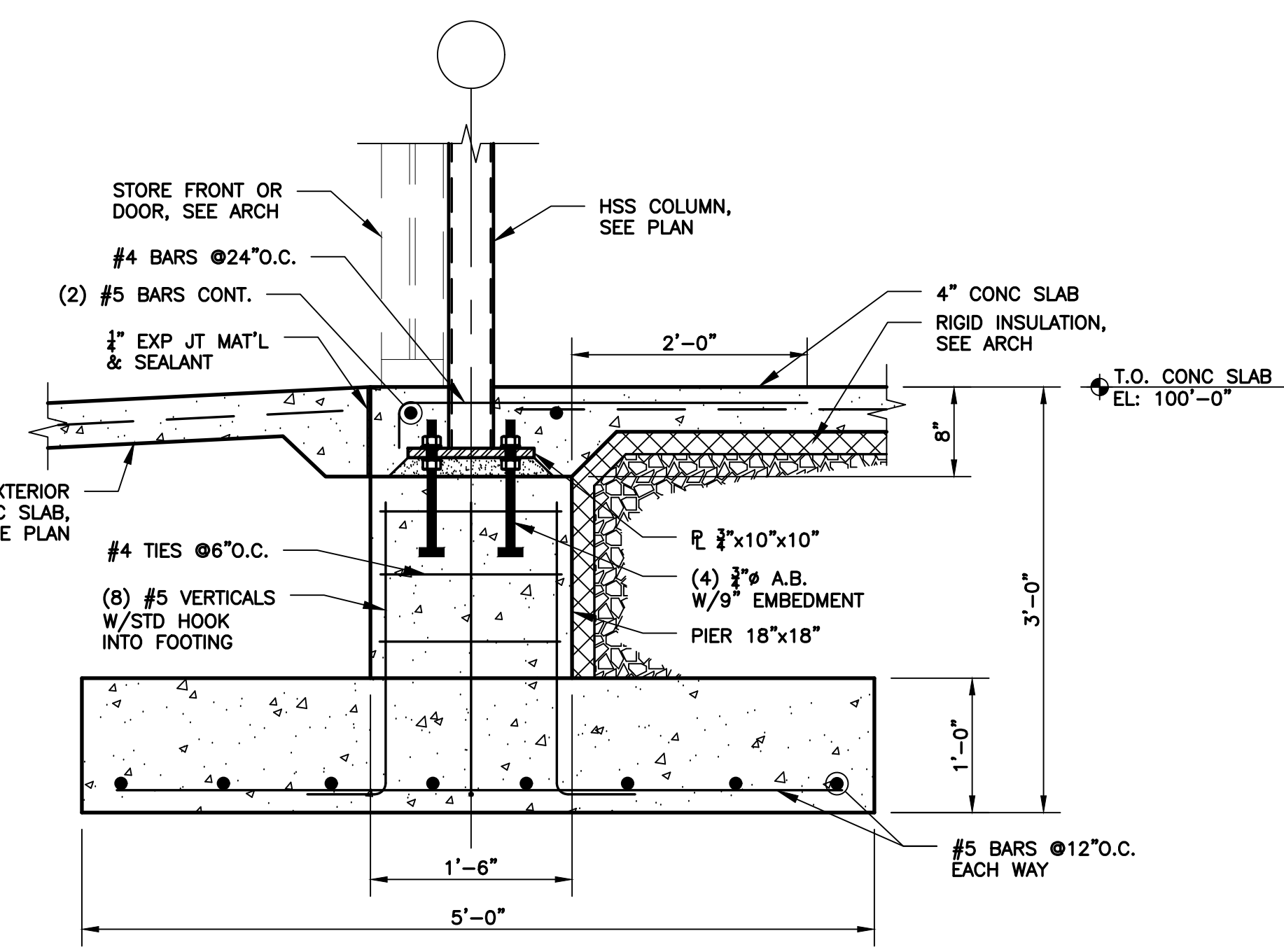
S2.1



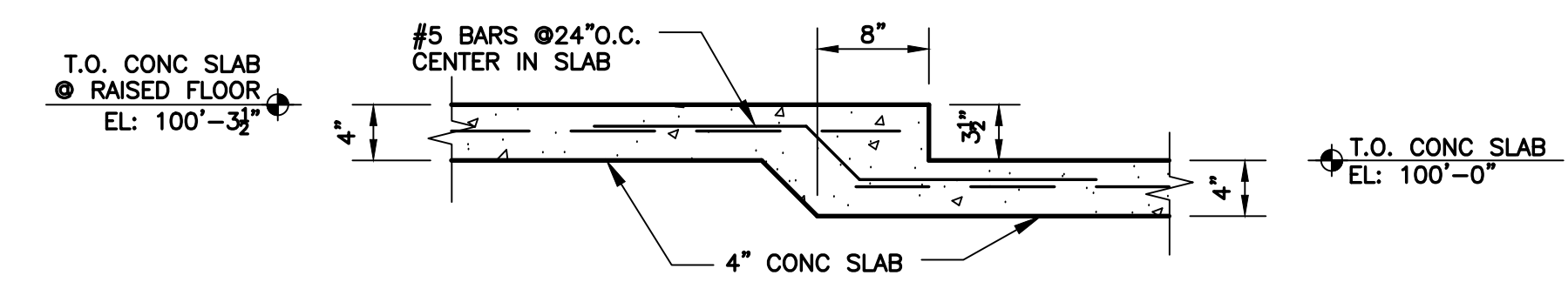
SECTION A
S2.1



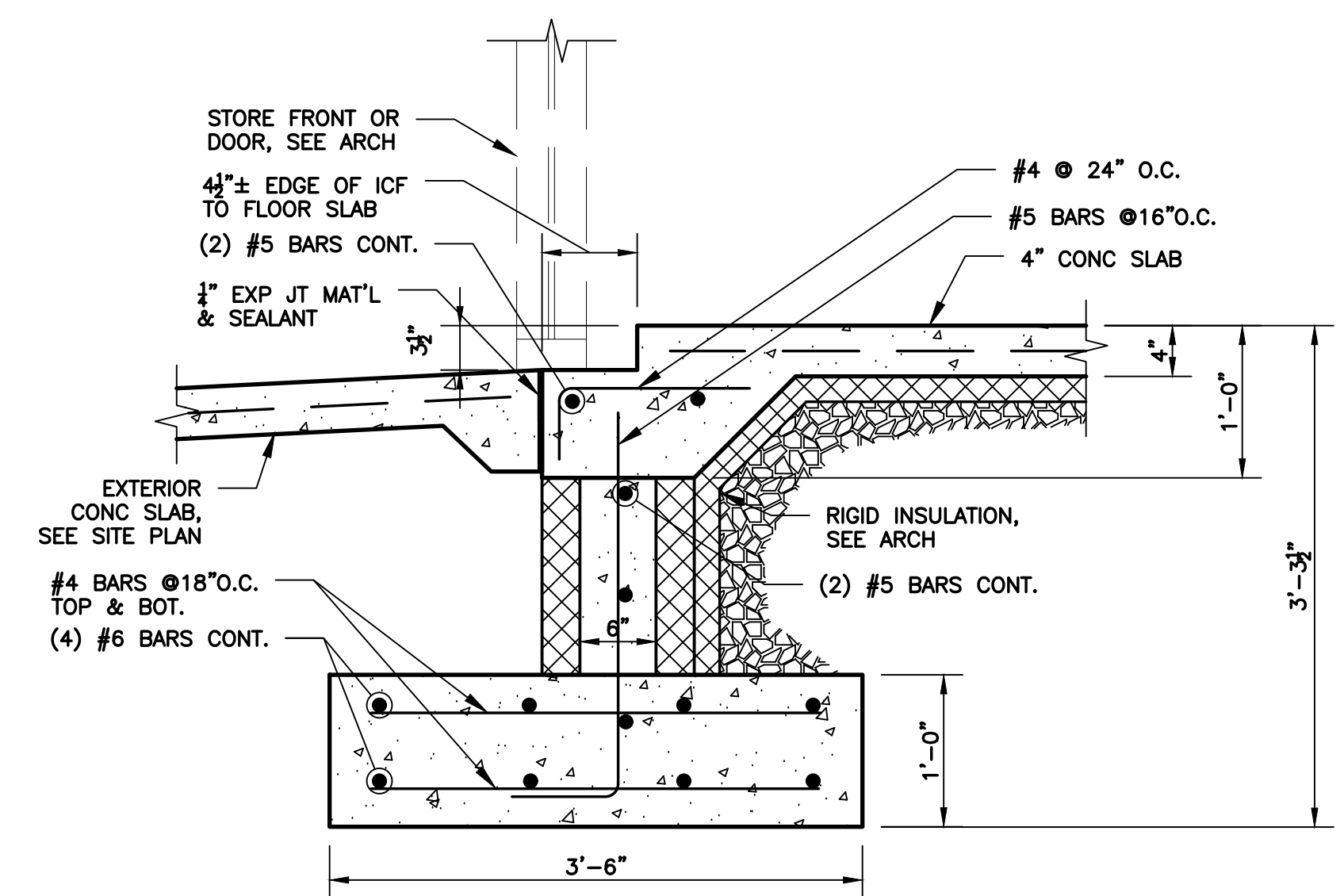
SECTION B
S2.1



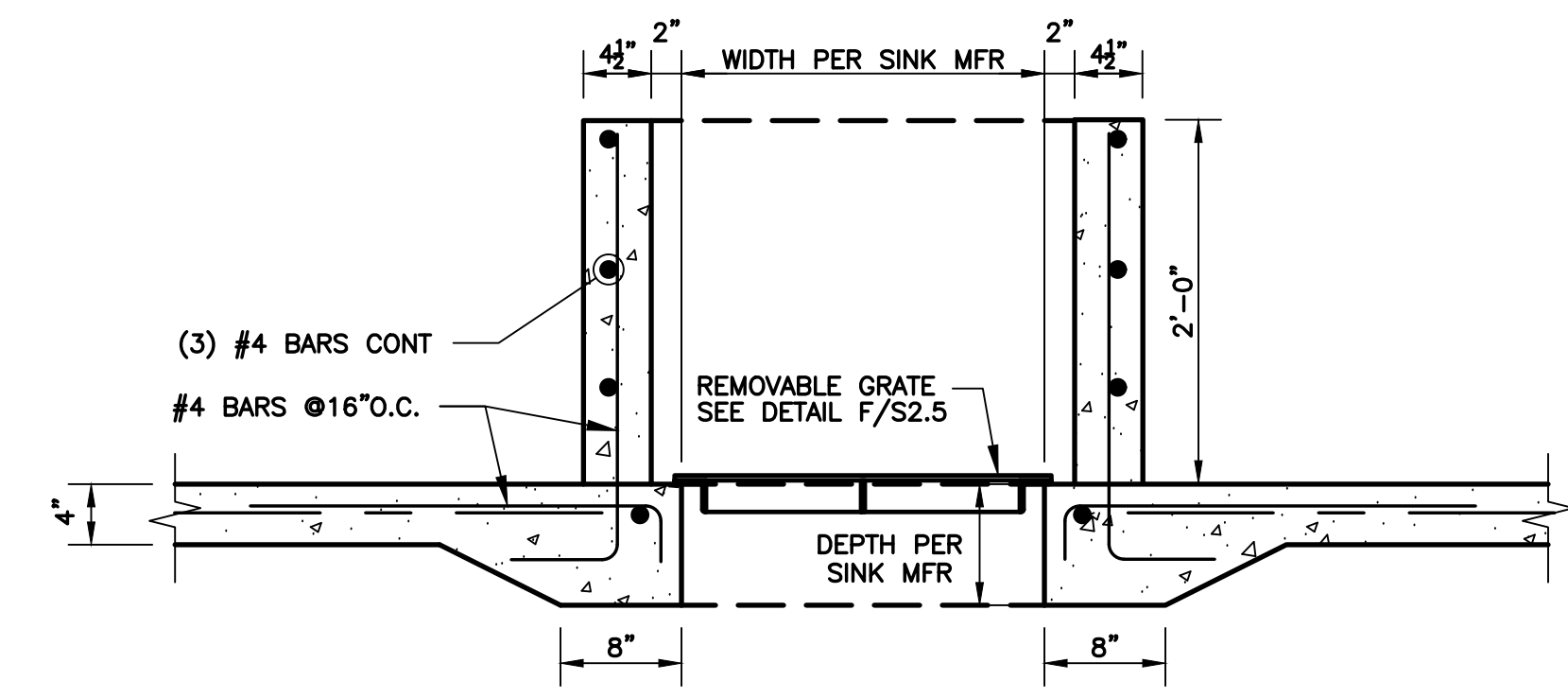
SECTION C
S2.1



SECTION D
S2.1



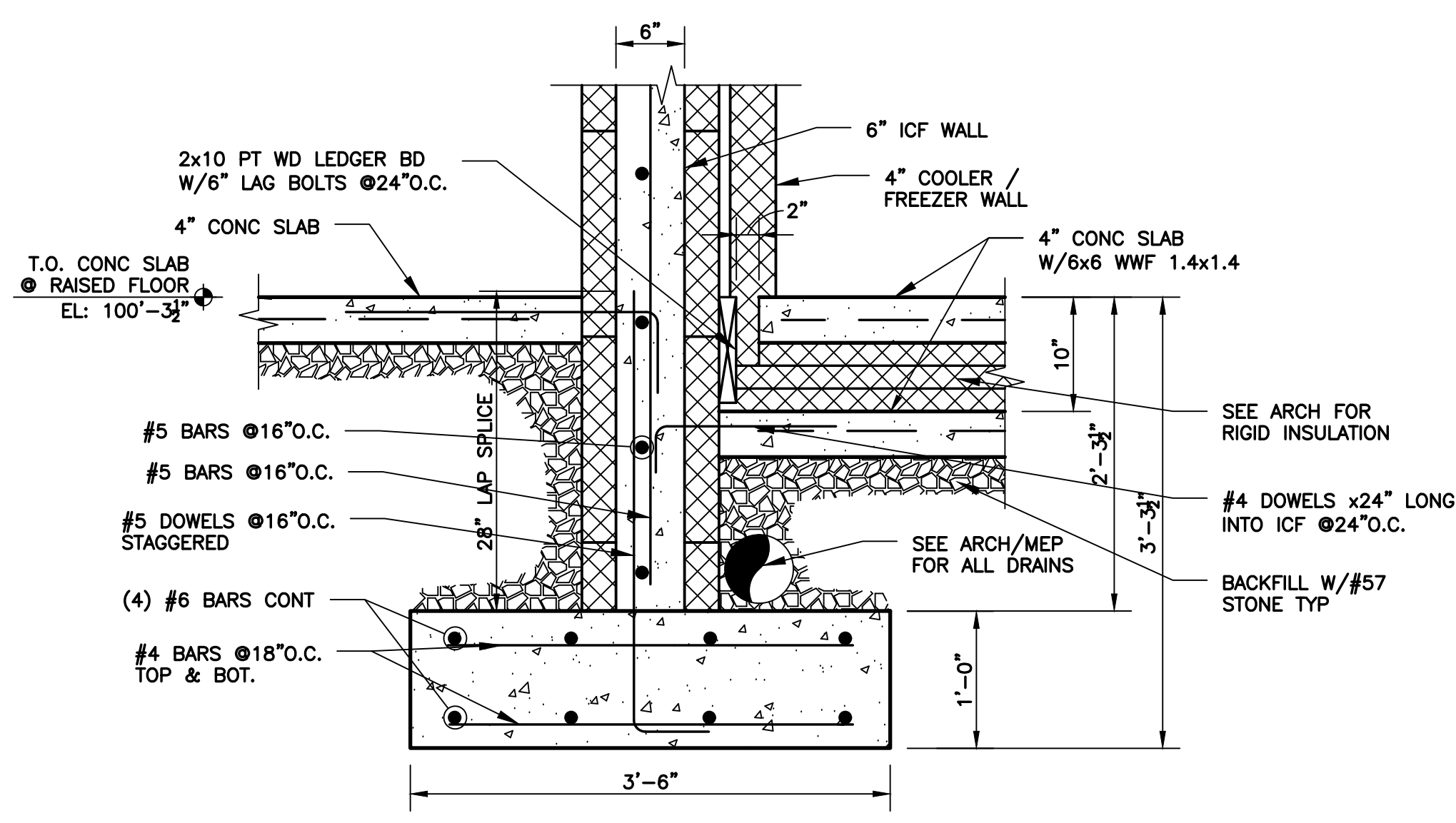
SECTION E
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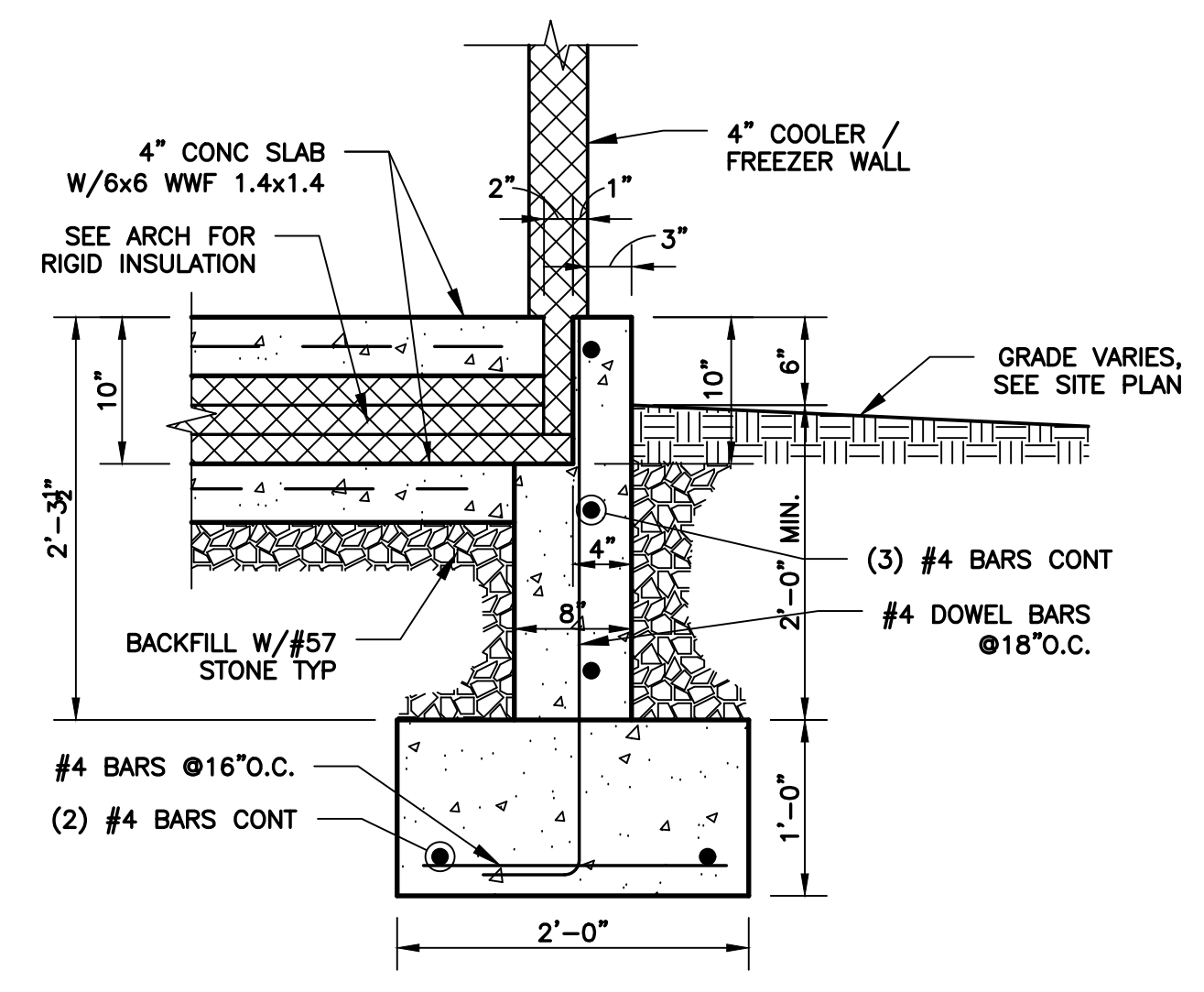
SECTION F
S2.1

NOT USED
(SEE B/S2.1)

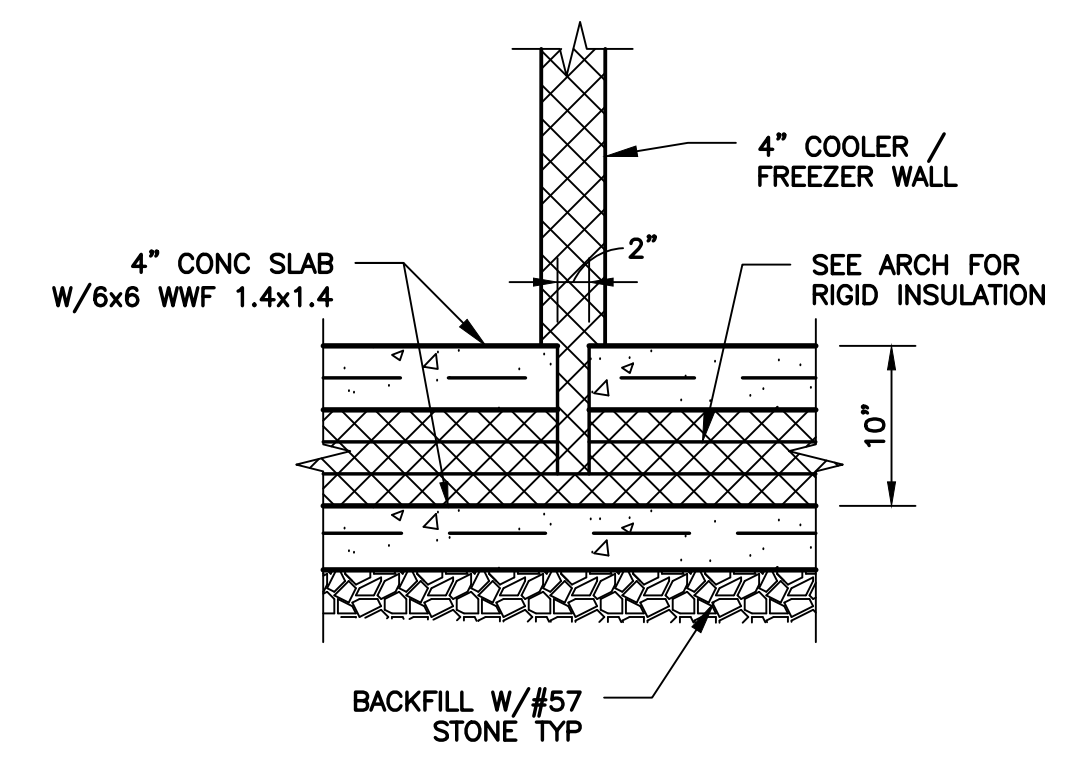
SECTION D
S2.1



SECTION H
S2.1

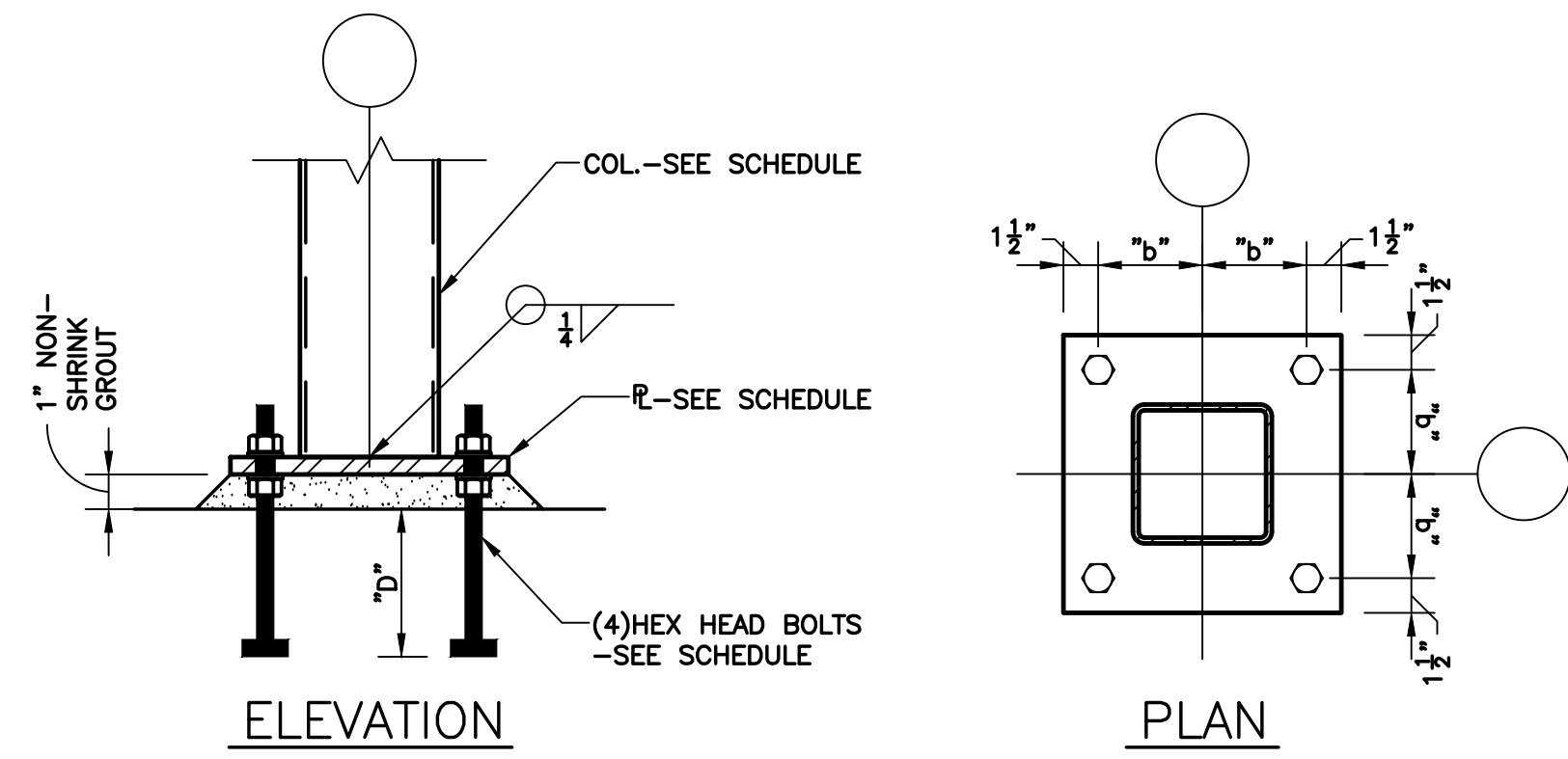


SECTION J
S2.1



SECTION K
S2.1

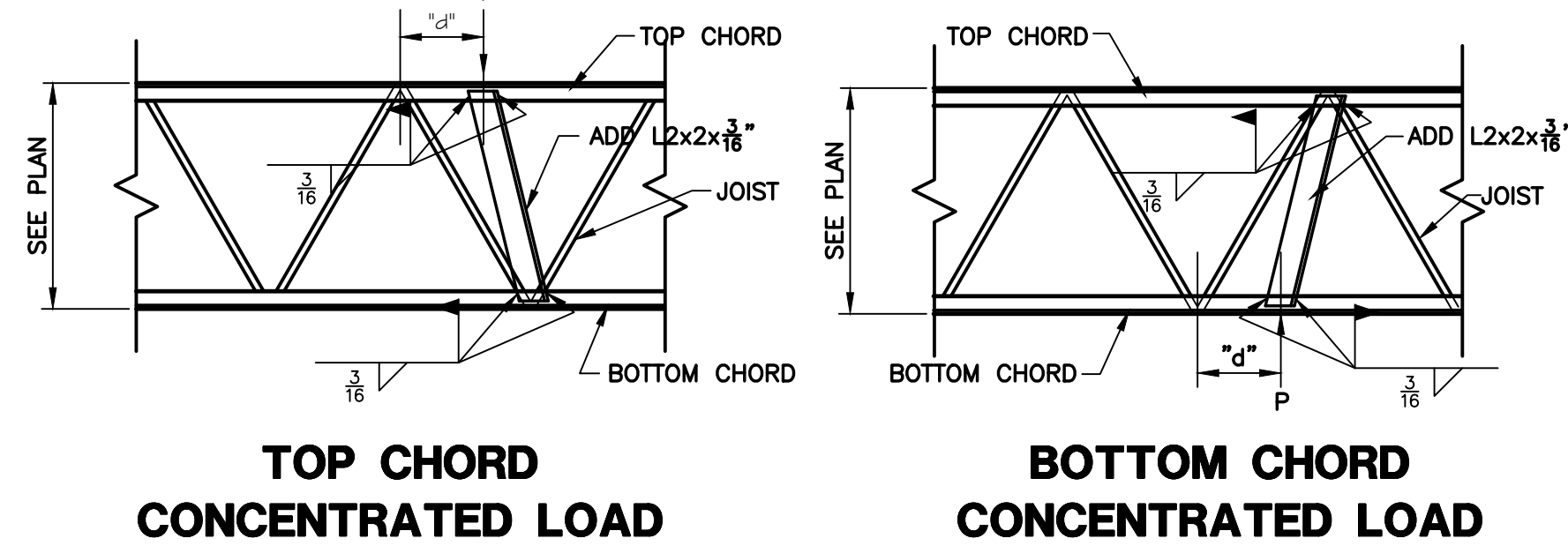
POAGE/24087/04.01.2024/HMM



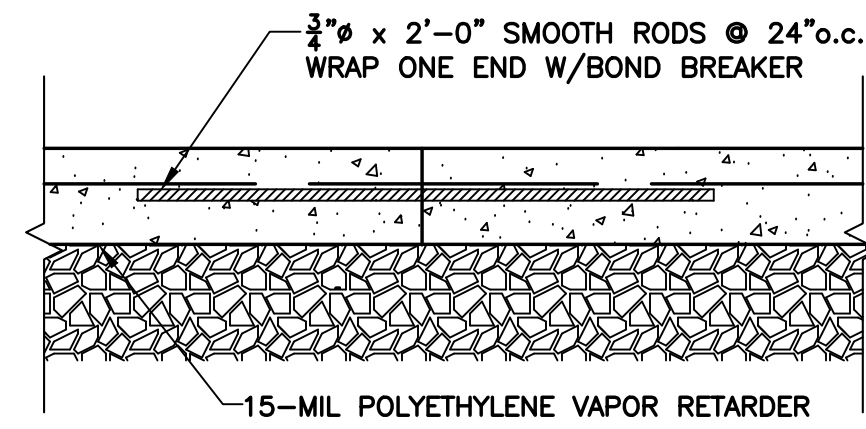
TUBE STEEL COLUMN/BASE PLATE SCHEDULE				
COLUMN	PLATE SIZE	BOLT SPACING "b"	BOLT #	EMBED DEPTH "d"
HSS6x6	3/4"x12"x12"	4 1/2"	3/4"	12"
HSS4x4	3/4"x10"x10"	3 1/2"	3/4"	9"

TYPICAL BASE PLATE DETAIL

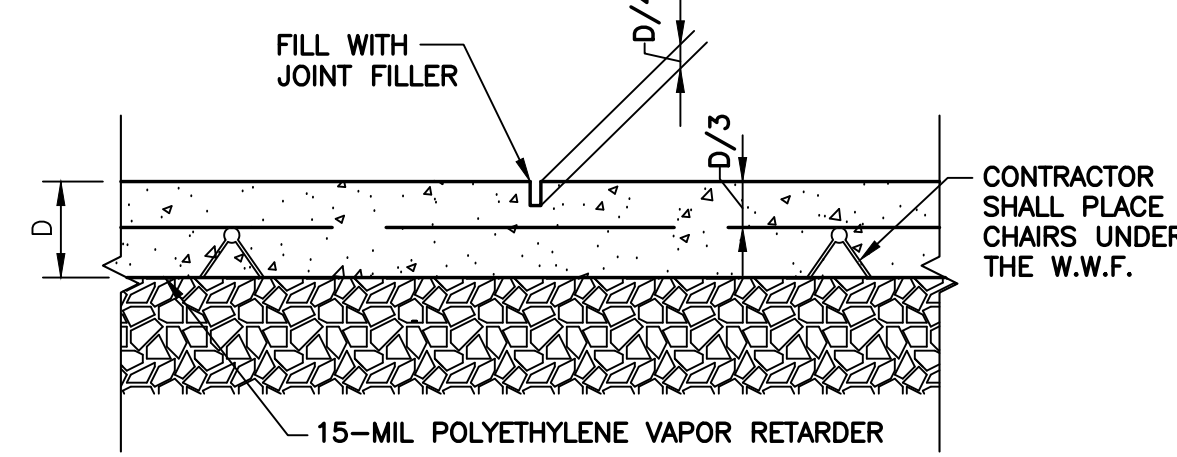
NOTES: 1) FOR "d" LESS THAN 6"-NO REINFORCING IS REQUIRED
 2) FOR "P" LESS THAN 100#-NO REINFORCING IS REQUIRED



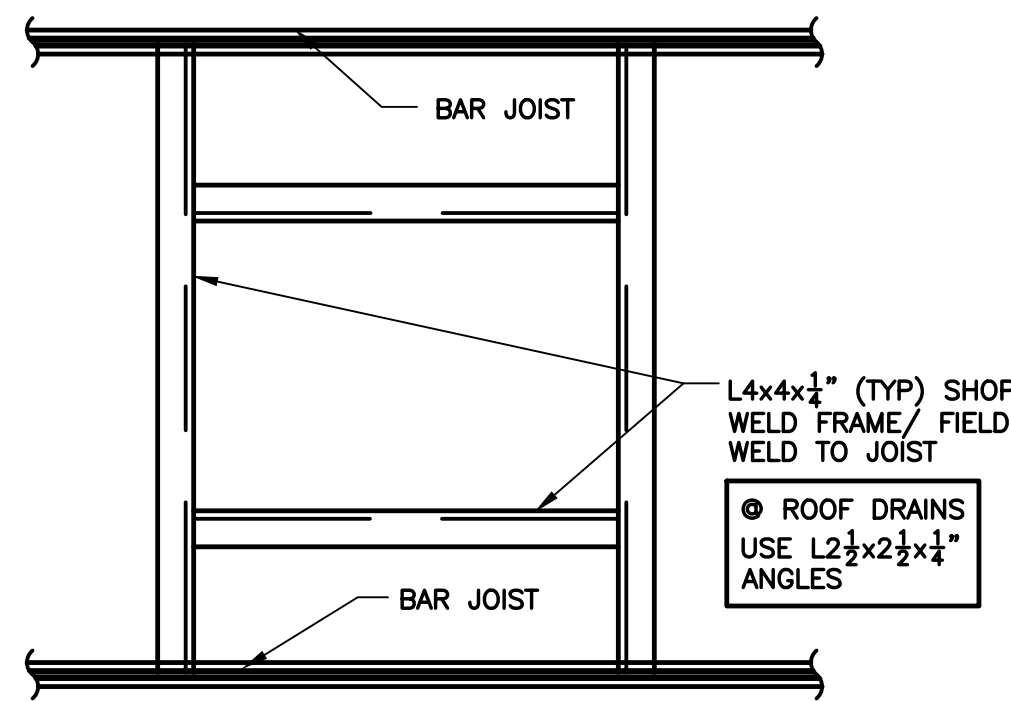
TYPICAL REINFORCING REQUIRED AT ALL CONCENTRATED LOADS



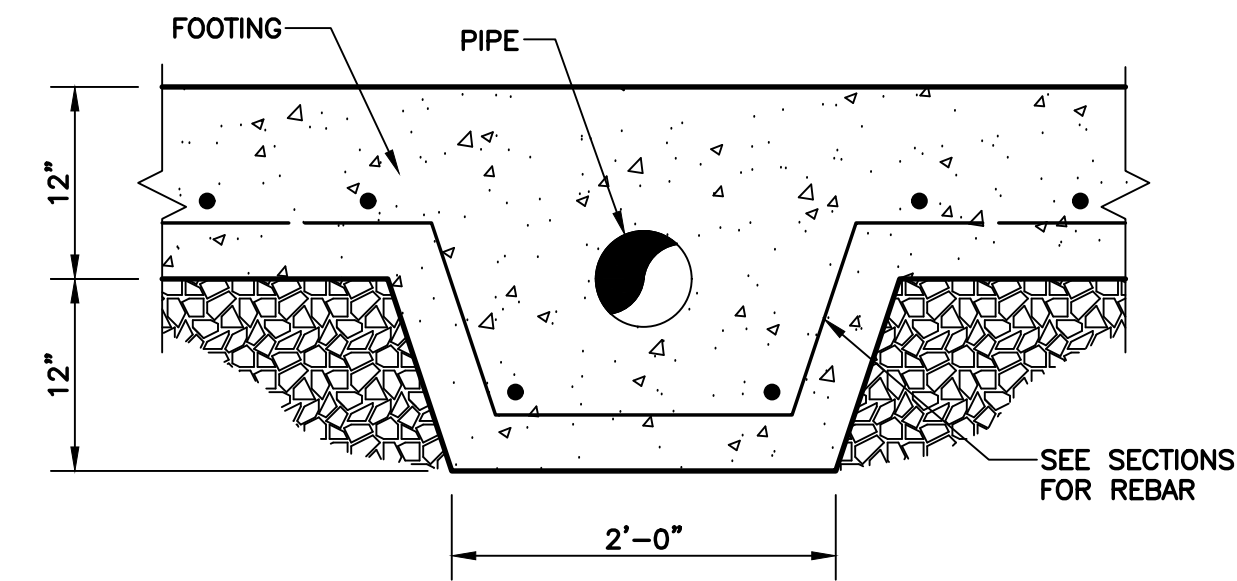
TYPICAL CONSTRUCTION JOINT DETAIL



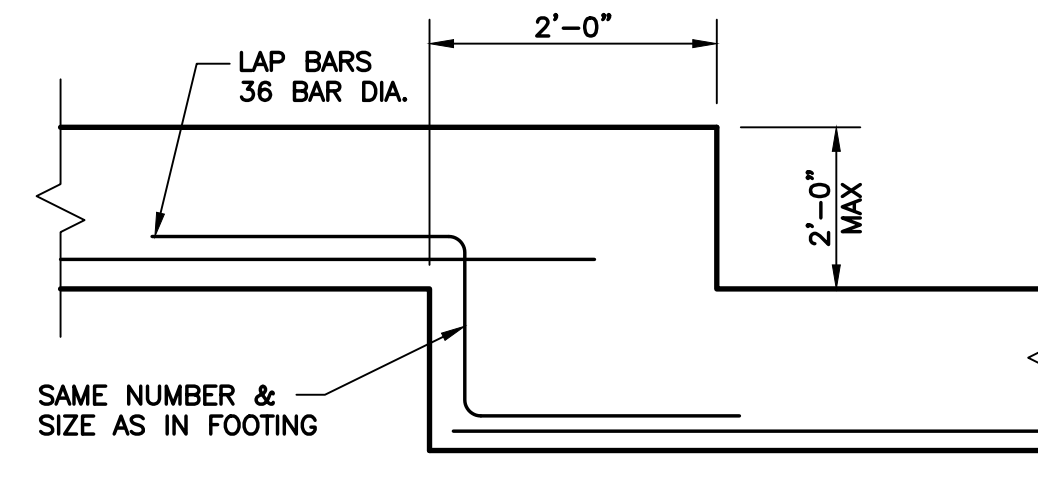
TYPICAL CONTROL JOINT DETAIL



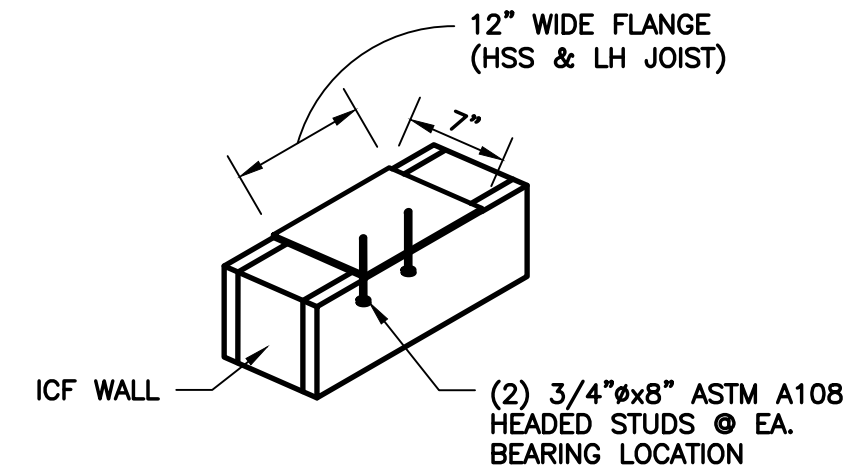
TYPICAL ROOF OPENING
 (FOR ALL OPENINGS GREATER THAN 12")
 (INCLUDES BUT IS NOT LIMITED TO ROOF DRAINS)



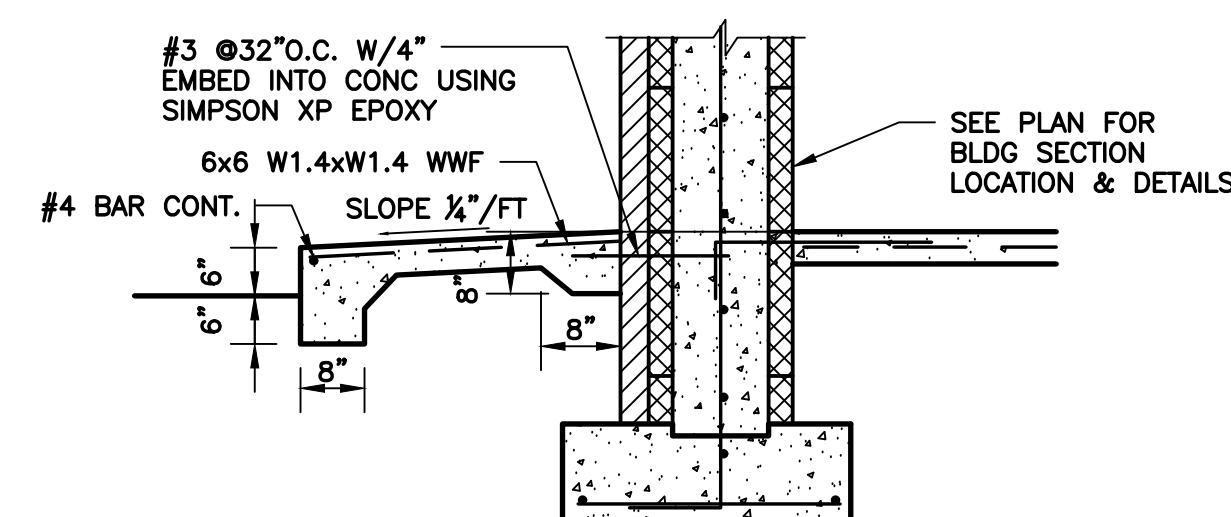
TYPICAL PIPE PERFORATION @ FOOTINGS



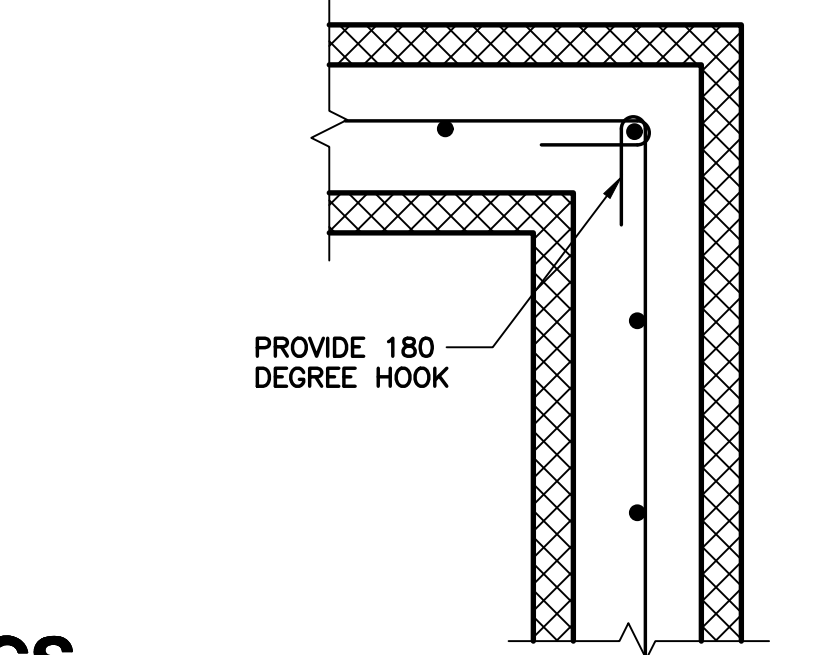
TYPICAL STEP FOOTING



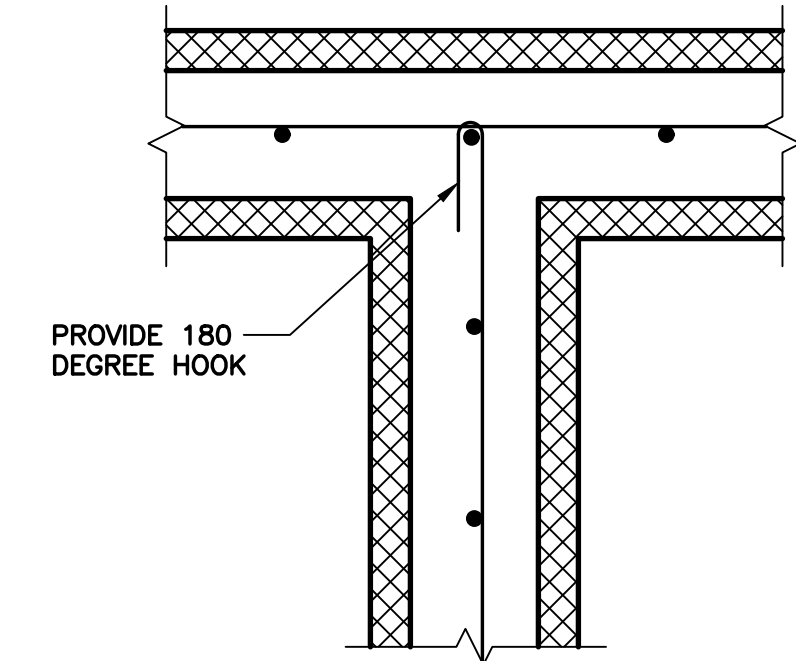
TYPICAL BEARING PLATE DETAIL



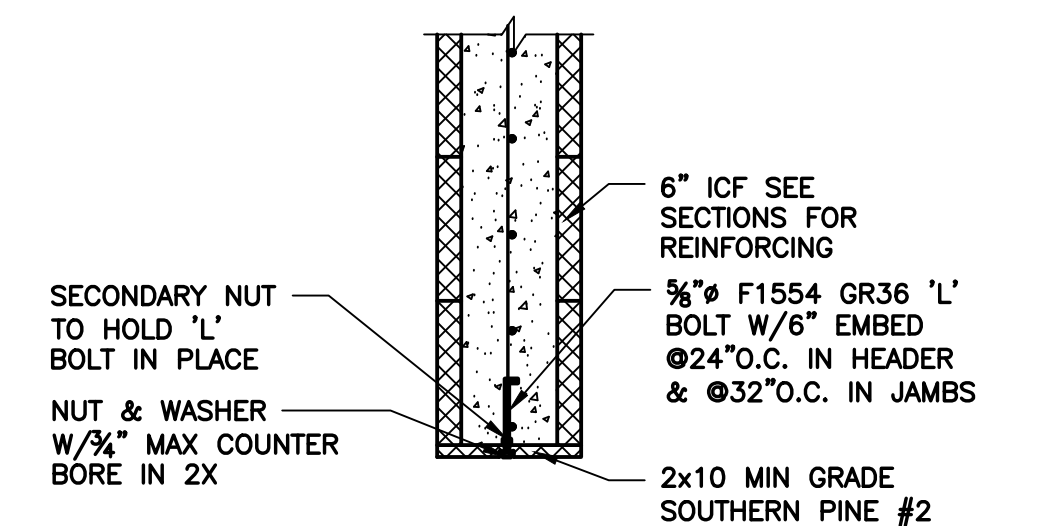
TYPICAL SIDEWALK DETAIL



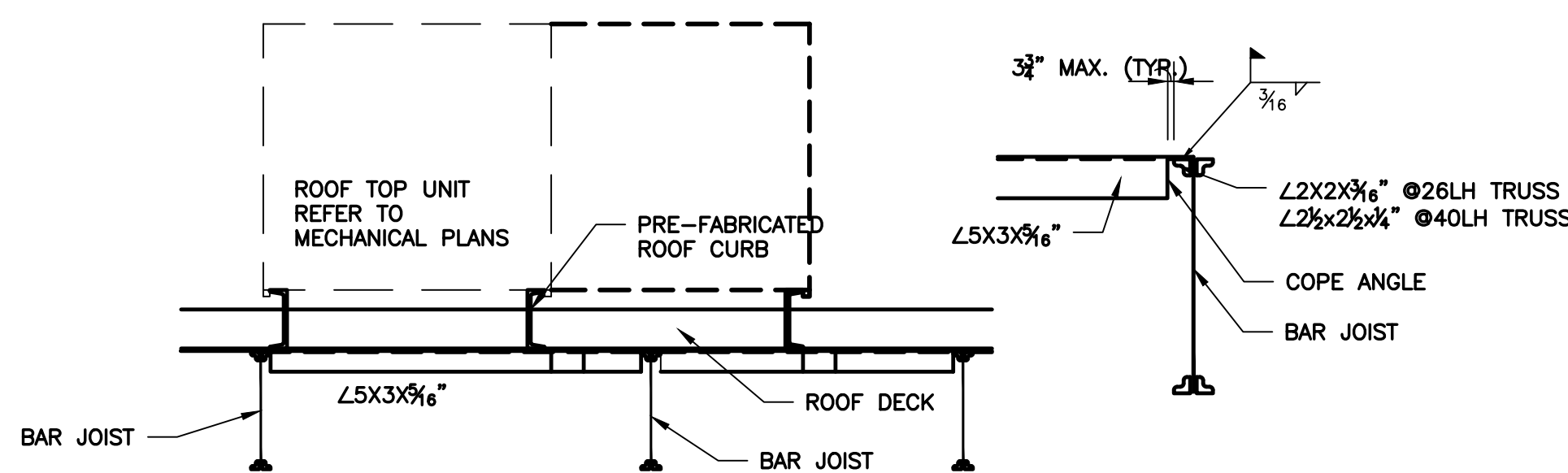
TYPICAL CORNER ICF REINFORCING DETAIL



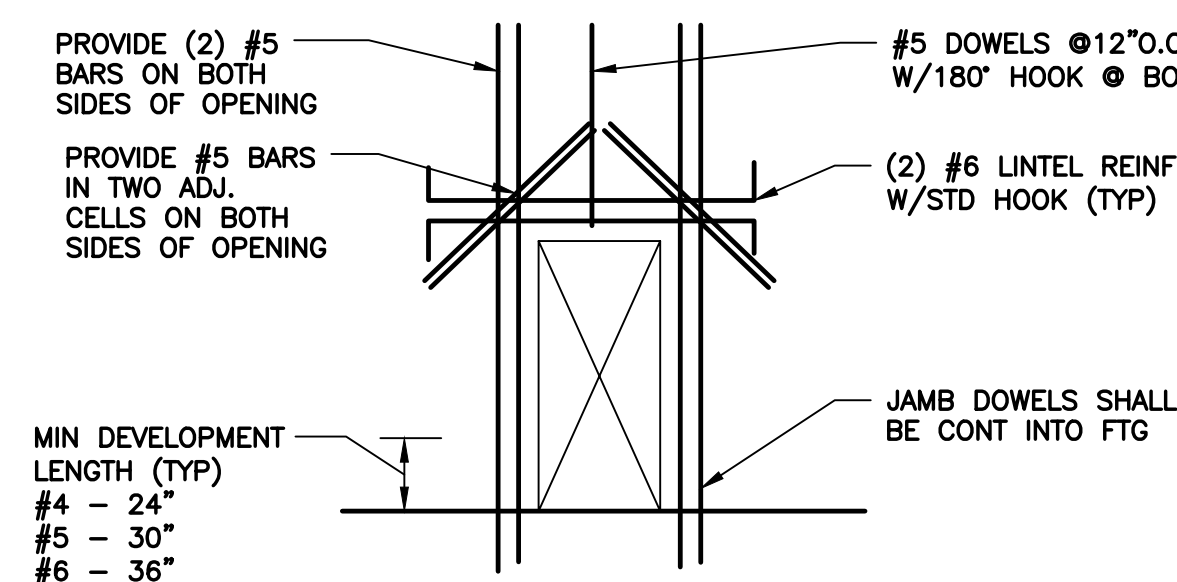
TYPICAL WALL ICF INTERSECTION REINFORCING DETAIL



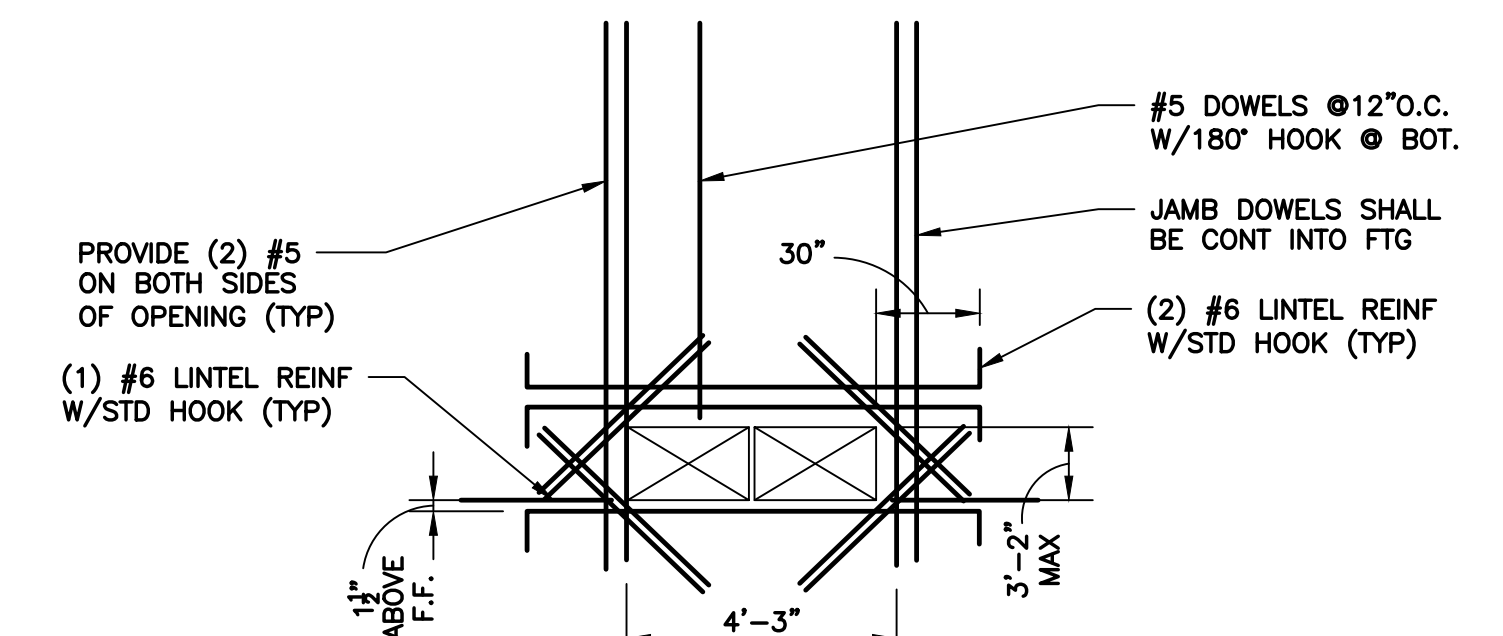
TYPICAL ICF OPENING JAMB/HEAD DETAIL



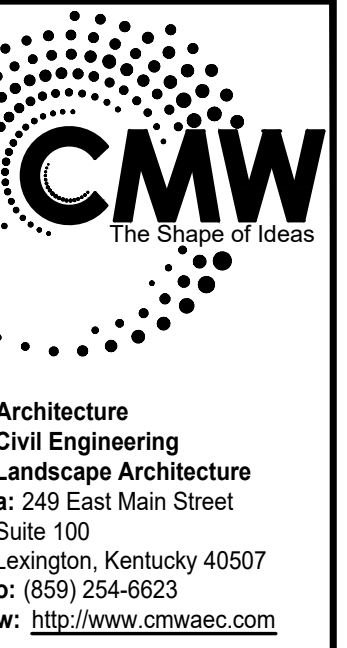
RTU MECH UNIT SUPPORT SECTION



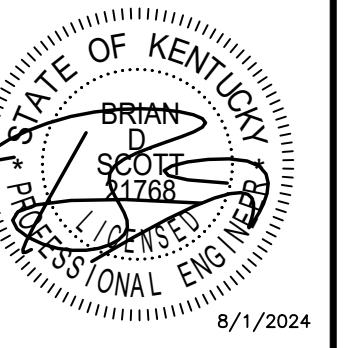
TYPICAL REINFORCING @ OPENINGS IN ICF WALL



TYPICAL REINFORCING @ OPENINGS IN ICF WALL



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 a: 249 East Main Street
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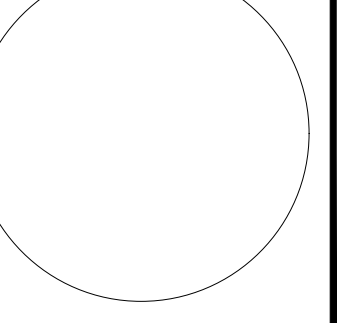
SECTIONS & DETAILS
 Five Star #2000 - Brandenburg
NEWCOMB OIL CO. LLC
 2121 BRANDENBURG RD.
 BRANDENBURG, KY 40108

CONSTRUCTION DOCUMENTS

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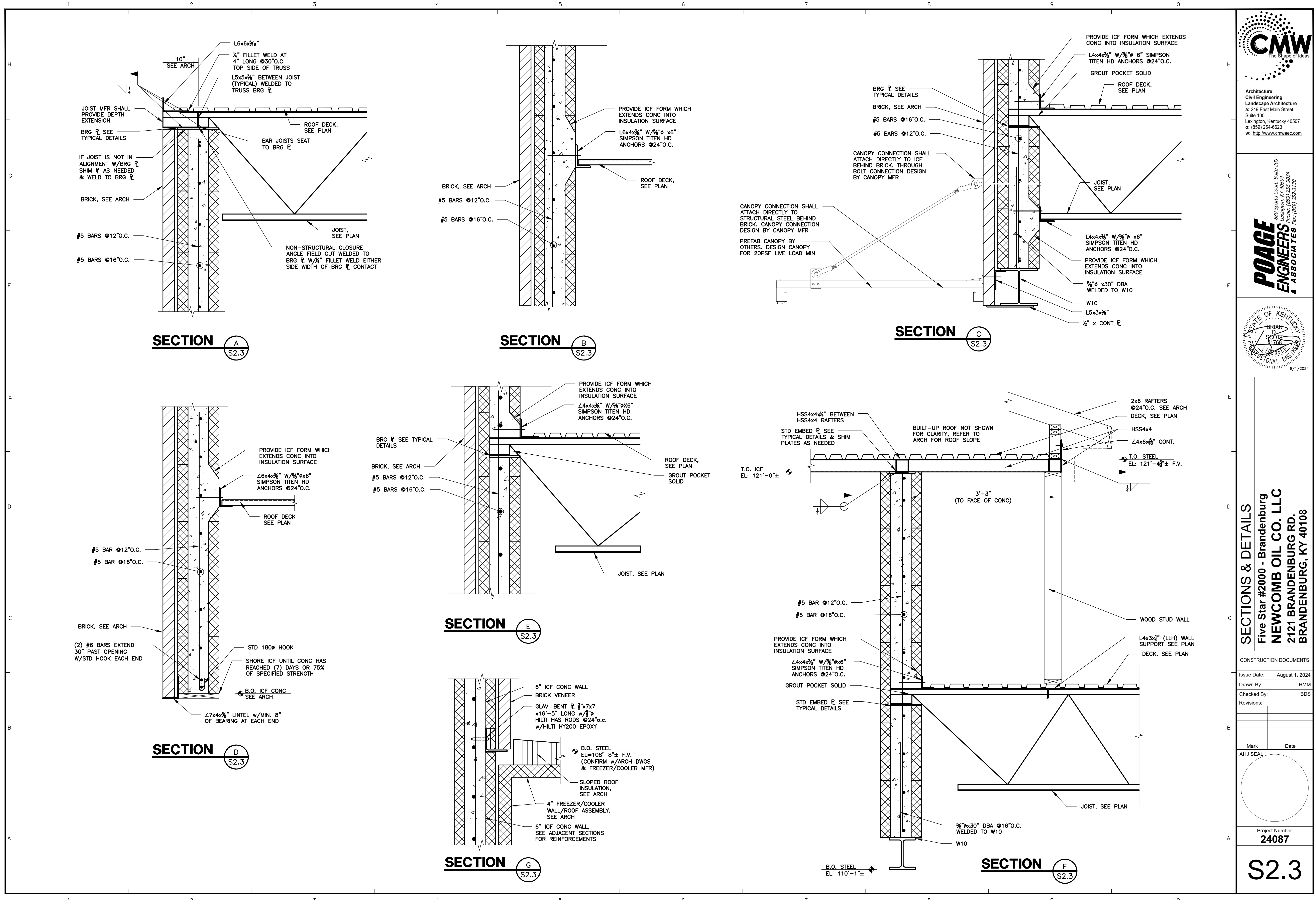
Revisions:

Mark Date



Project Number
24087

S2.2



SECTION A
S2.3

SECTION B
S2.3

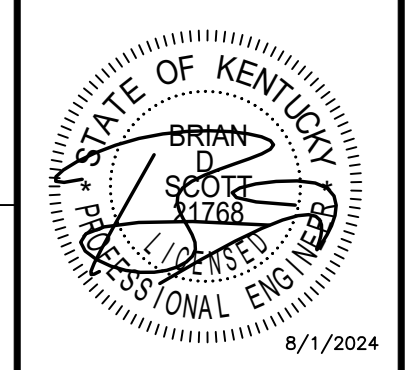
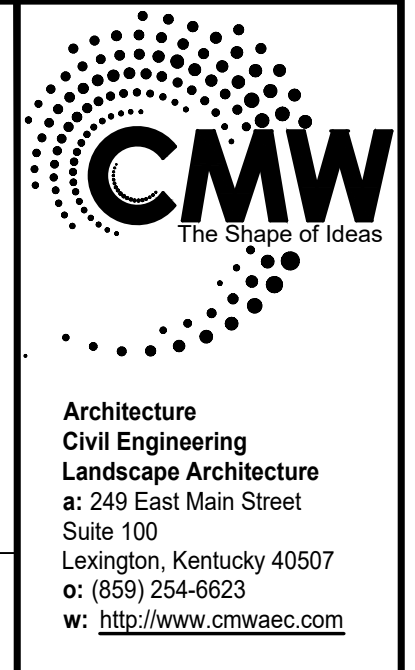
SECTION C
S2.3

SECTION D
S2.3

SECTION E
S2.3

SECTION G
S2.3

SECTION F
S2.3



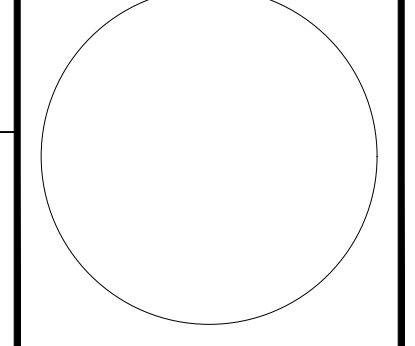
SECTIONS & DETAILS
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Revisions:

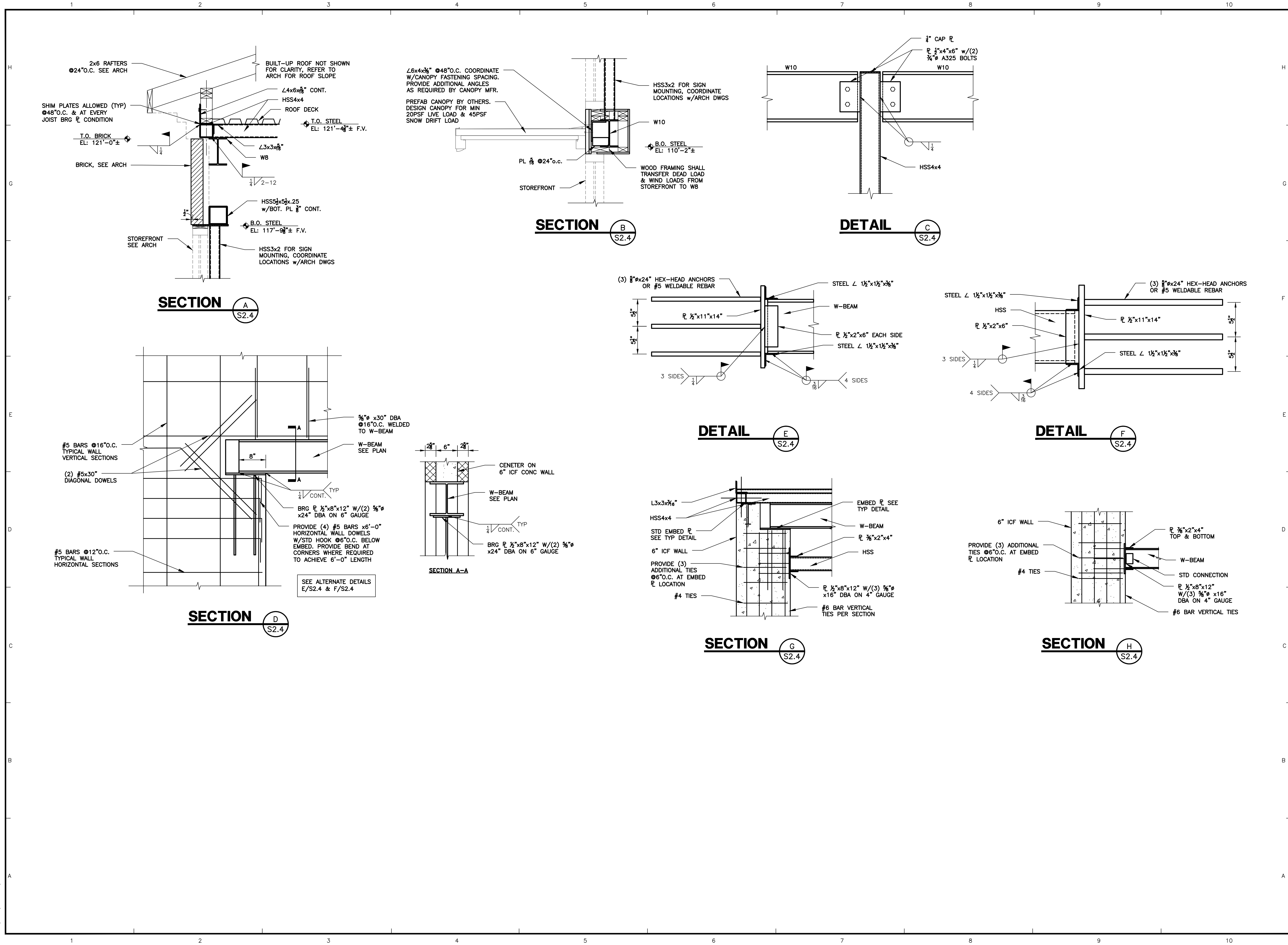
Mark Date



Project Number
24087

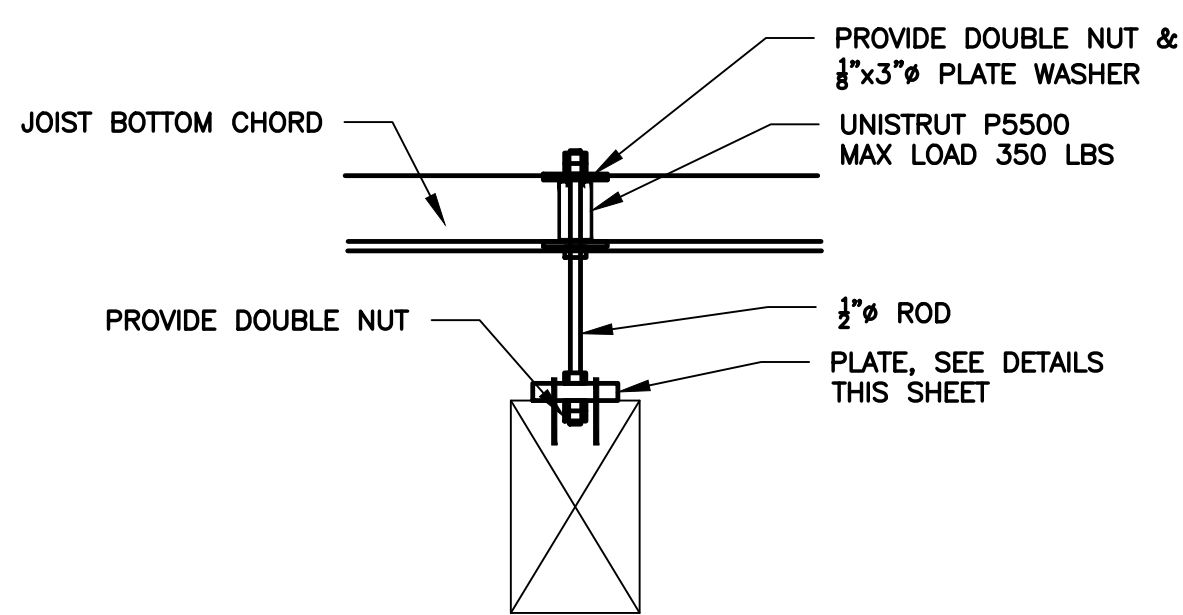
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POAGE/24087/08.01.2024/HMM

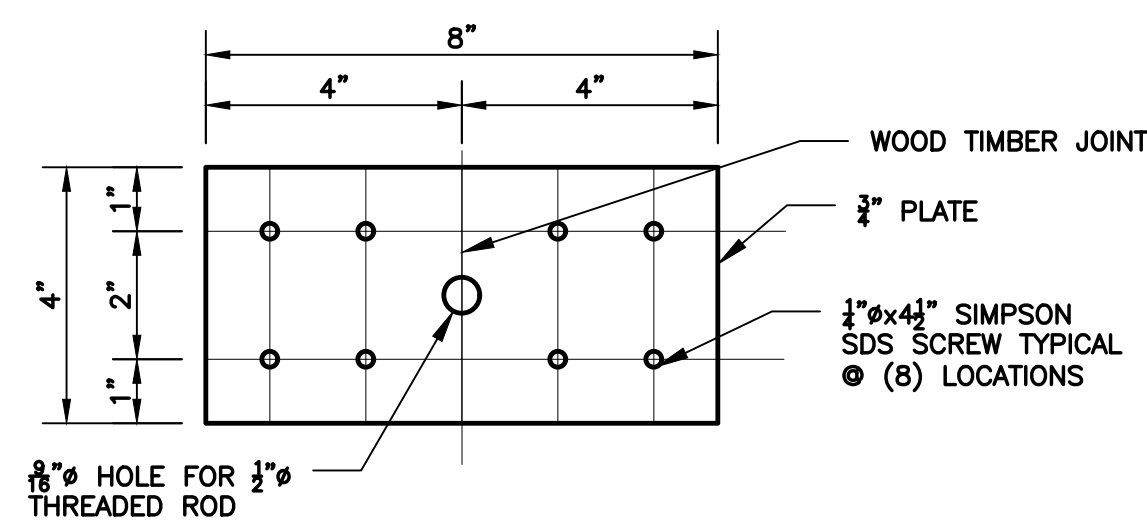


CONSTRUCTION DOCUMENTS

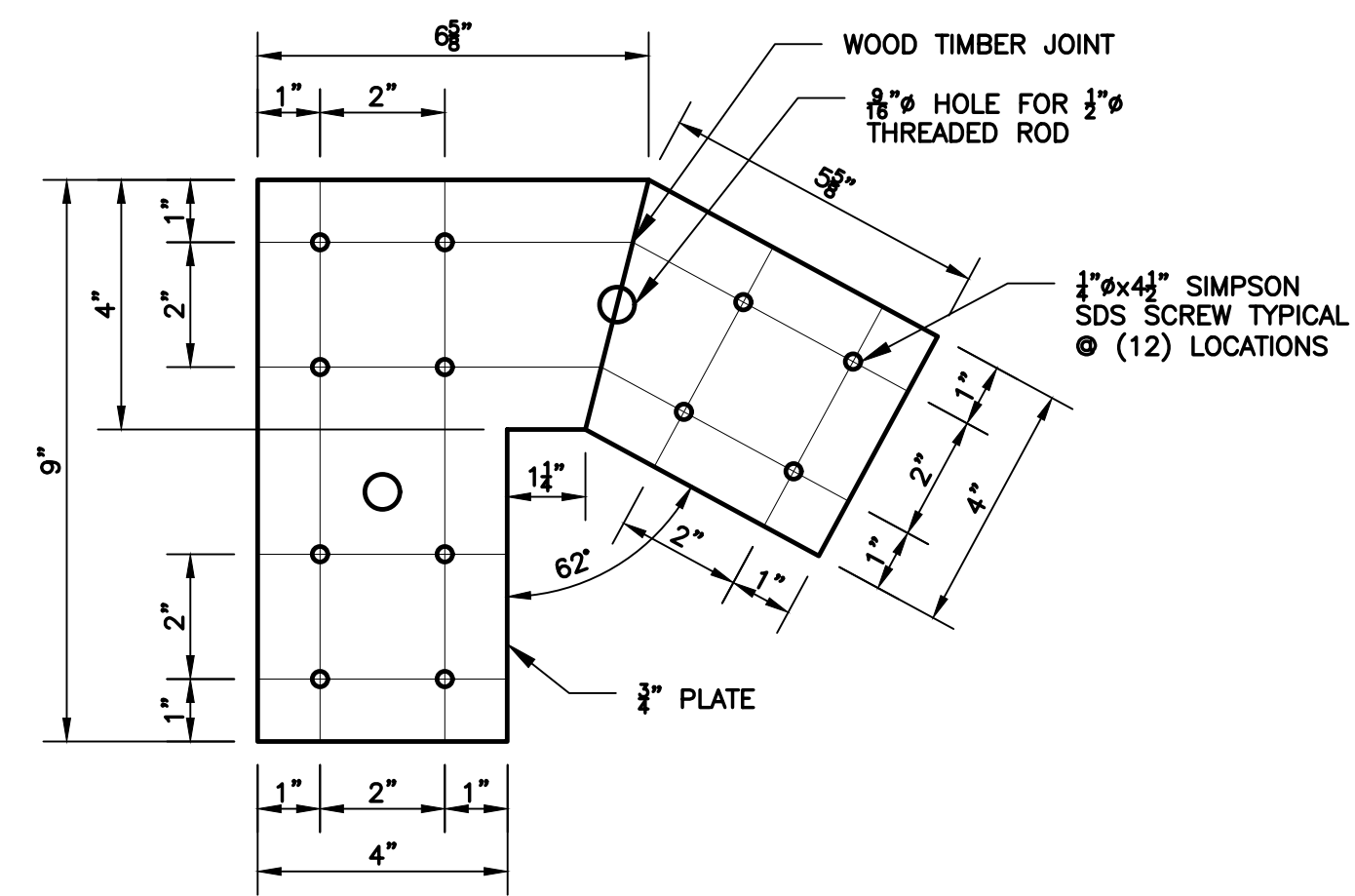
Issue Date:	August 1, 2024
Drawn By:	HMM
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Revisions:	
Mark	Date
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Project Number	24087



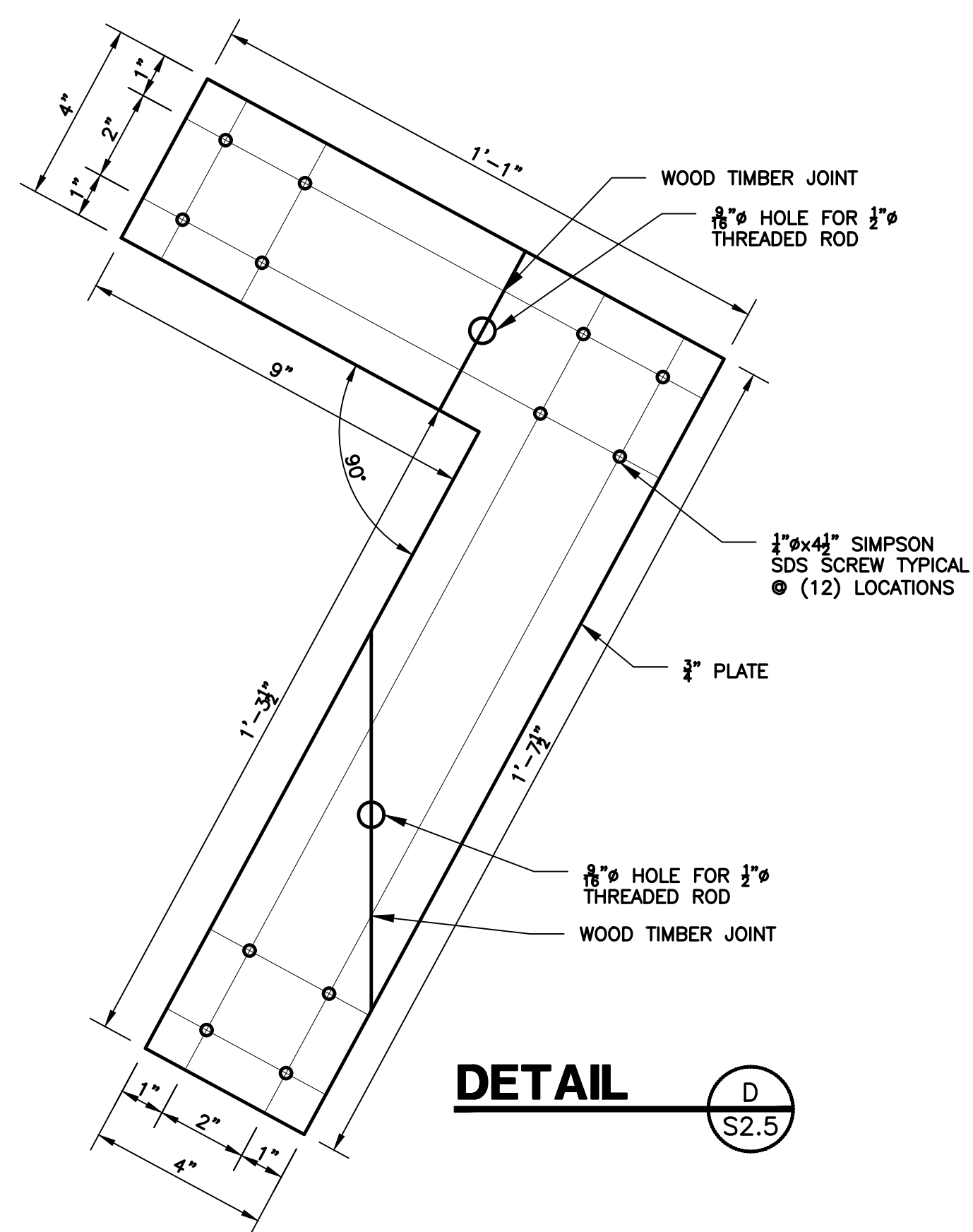
DETAIL A
S2.5



DETAIL B
S2.5

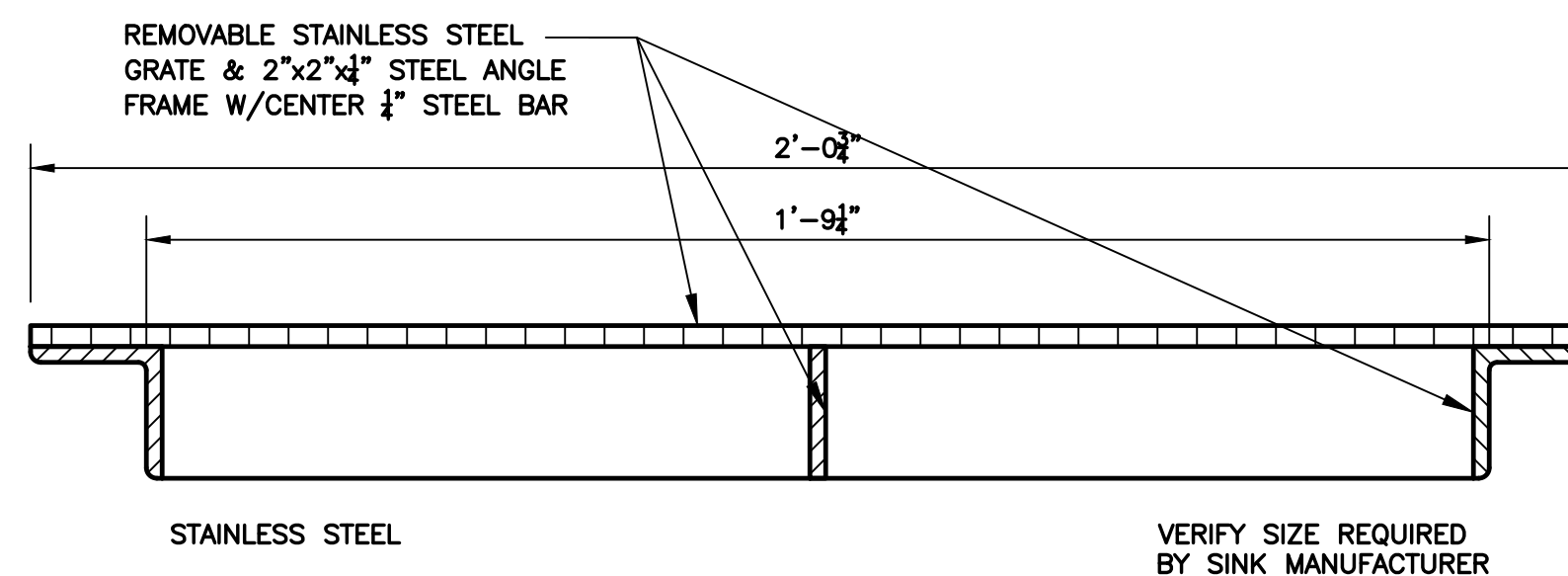


DETAIL C
S2.5

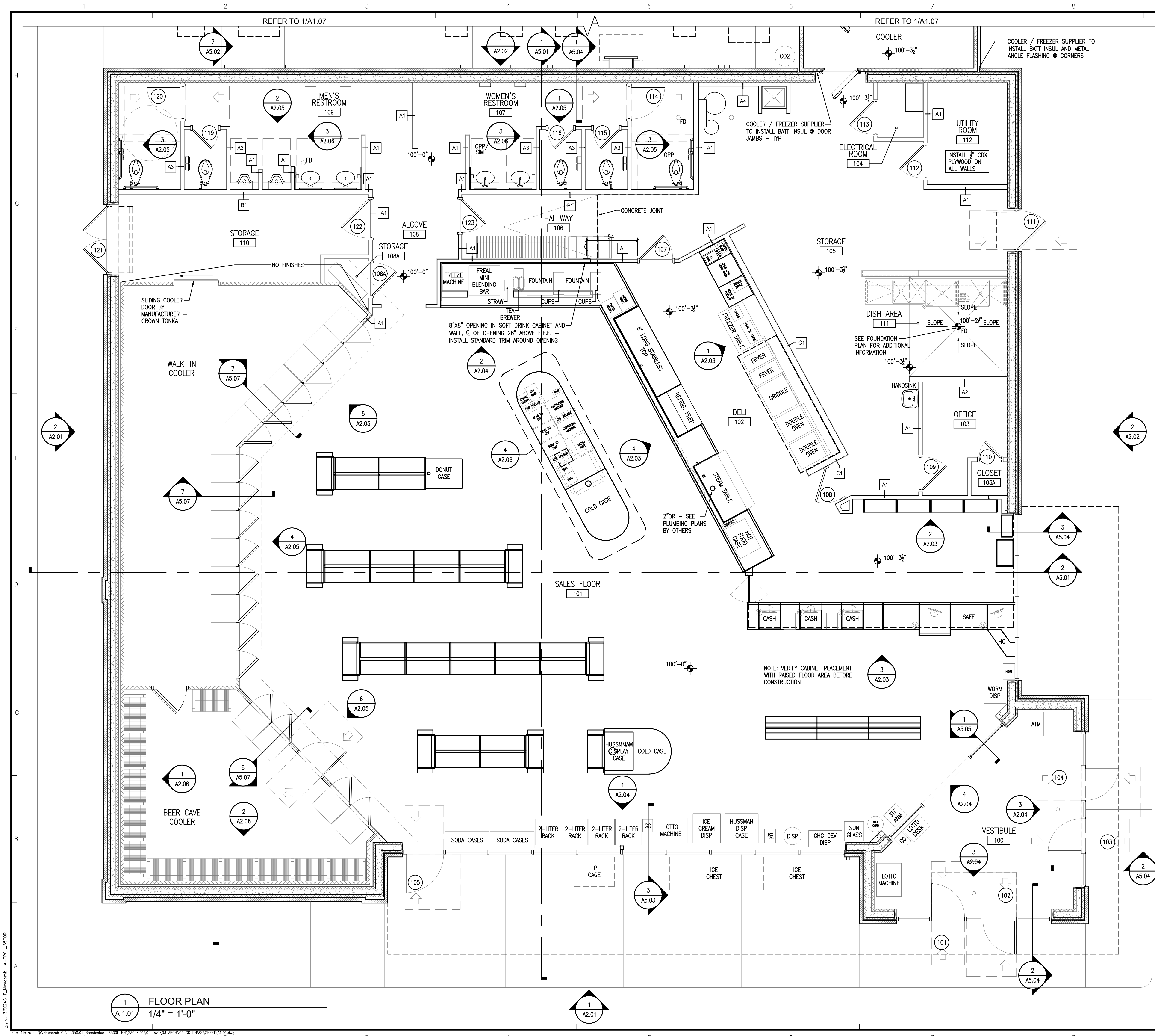


DETAIL D
S2.5

NOT USED E
S2.5



SECTION F
S2.5



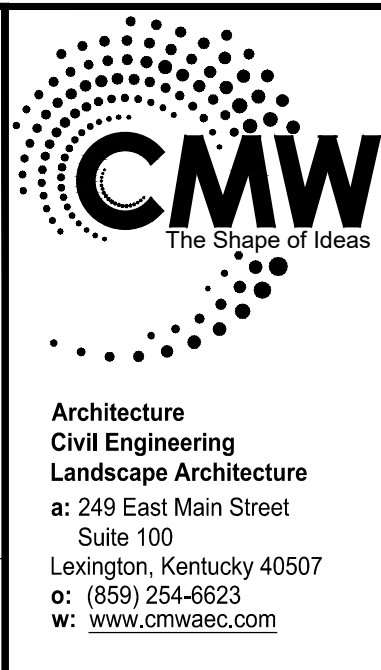
GENERAL NOTES

- A. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE. FIELD VERIFY ALL CONDITIONS, QUANTITIES AND MATERIALS. REPORT DISCREPANCIES TO ARCHITECT FOR CLARIFICATION. DO NOT SCALE DRAWINGS.
- B. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL CONSTRUCTION. ALL CONTRACTORS OF ALL DISCIPLINES TO COORDINATE CONSTRUCTION PRIOR TO INSTALLATION.
- C. DIMENSIONS ARE TO THE FACE OF STUD, CONCRETE, OR ICF UNLESS NOTED OTHERWISE.
- D. ICF: INSTALL PER MANUFACTURERS RECOMMENDATIONS.
- E. ICF: ALL INTERIOR ICF WALLS TO RECEIVE 1/2" MIN. GYP. BD. (15 MIN. THERMAL BARRIER). GYP. BD. BEHIND COOLERS AND FREEZERS AND IN RESTROOMS SHALL BE MOISTURE AND MOLD RESISTANT GYP. BD.
- F. ICF: SEE STRUCTURAL DRAWINGS FOR REINFORCING DESIGN IN ICF WALLS
- G. CAULK DOOR JAMBS AND INSIDE CORNERS IN CERAMIC TILE WALLS WITH SANDED CAULK TO MATCH THE GROUT COLOR. ALL OTHER DOOR JAMBS AND MARLITE SHALL BE CAULKED WITH SHERWIN WILLIAMS POWER HOUSE 60 YR. COLOR: TO MATCH PAINT.
- H. INTERIOR WALLS SHALL BE 2X4 WD STUDS 16" O.C. WITH 1/2" GYP BD. EACH SIDE UNLESS NOTED OTHERWISE. WALLS BEHIND COOLER AND FREEZERS SHALL HAVE MOISTURE AND MOLD RESISTANT GYP. BD. PROVIDE BLOCKING IN WALLS FOR DOOR WALL STOPS.
- I. ALL COOLER DOORS SHALL BE INSTALLED 8" A.F.F.
- J. ALL UNISTRUTS SHALL BE INSTALLED OPEN SIDE UP.
- K. ALL DRYWALL CEILINGS SHALL BE GLUED AND SCREWED.
- L. OWNER SHALL VERIFY THAT GEOTECHNICAL CONDITIONS AND SOIL BEARING CAPACITY MEET THE REQUIREMENTS OF THE "FOUNDATION DESIGN" NOTED IN THE STRUCTURAL DRAWINGS.
- M. FILL ALL TRENCHES UNDER PAVEMENT WITH STONE.
- N. ALL PROPERTY CORNER PINS SHALL BE ENCASED IN CONCRETE 12" DEEP, 8" DIAMETER AND SHALL BE FLUSH WITH THE GROUND.
- O. ALL 2X4 AND 2X6 WOOD STUDS SHALL BE #2 SPRUCE ONLY.
- P. CONTRACTOR SHALL THOROUGHLY EXAMINE THE SITE AFTER COMPLETION OF THE BRICK TO ENSURE WASTE BRICK AND MORTAR MATERIAL HAS NOT BEEN BURIED IN THE FOOTING TRENCHES AND THAT WASTE BRICK AND MORTAR MATERIAL HAS BEEN COLLECTED AND REMOVED FROM THE SITE.
- Q. ONLY USE 'SURE KLEAN VANA-TROL' FOR BRICK CLEANING.
- R. SAND TEXTURED CAULK TO BE USED WHEN CAULKING BRICK EXPANSION JOINTS. CLAY TAN 225-U (LRV -19)
- S. PROVIDE LOW WEEP VENTS IN VENEER MASONRY BRICK. USE 3/8" HONEYCOMB CELL VENT.
- T. CONTROL JOINTS IN EXTERIOR BUILDING CONCRETE SIDEWALKS AND JOINTS IN BLACK CONCRETE SHALL BE TOoled AND SAW CUT. REFER TO STRUCTURAL DRAWINGS FOR MORE INFORMATION.
- U. THE JOINT BETWEEN THE BUILDING SIDEWALK AND THE BLACK CONCRETE PAD SHALL BE A CONSTRUCTION JOINT NOT AN EXPANSION JOINT. NO EXPANSION MATERIAL SHALL BE INSTALLED.
- V. NEWCOMB OIL SHALL CHECK WALLS FOR ALIGNMENT, LOCATION OF ELECTRICAL AND PLUMBING AND STRING LINE THE WALLS PRIOR TO DRYWALL BEING INSTALLED.
- W. THE CANOPY CONTRACTOR SHALL INSTALL CANOPY SIGNS. THE BUILDING ELECTRICAL CONTRACTOR SHALL INSTALL THE BUILDING SIGNS.
- X. SEE CIVIL DRAWINGS FOR BOLLARD LOCATION. SEE DETAIL 02/A5.02 FOR BOLLARD DETAIL.
- Y. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL SUB TRADES AND REQUIREMENTS BY OWNER.
- Z. ELECTRICAL, HVAC, AND PLUMBING TO BE RELOCATED PER FEDERAL, STATE, AND LOCAL CODES. GENERAL CONTRACTOR TO COORDINATE.

WALL / PARTITION LEGEND

PLAN LEGEND	DESCRIPTION
	2X4 WOOD STUD WALL UNLESS NOTED OTHERWISE
	REFER TO DETAIL 2/A3.03 FOR DETAILS OF PARTITION TYPES A1, A2, A3, A4, A4.1, A5, B1, C1
	I.C.F. WALLS TO BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS

* ALL MATERIALS ARE SIZES LISTED IN THIS LEGEND UNLESS OTHERWISE DIMENSIONED ON THIS PLAN OR SPECIFIED IN THE DETAILS AT A DIFFERENT SIZE.



FLOOR PLAN
FiveStar #2000 - Brandenburg
NEWCOMB OIL CO., LLC
2121 BRANDENBURG RD
BRANDENBURG, KY

CONSTRUCTION DOCUMENTS

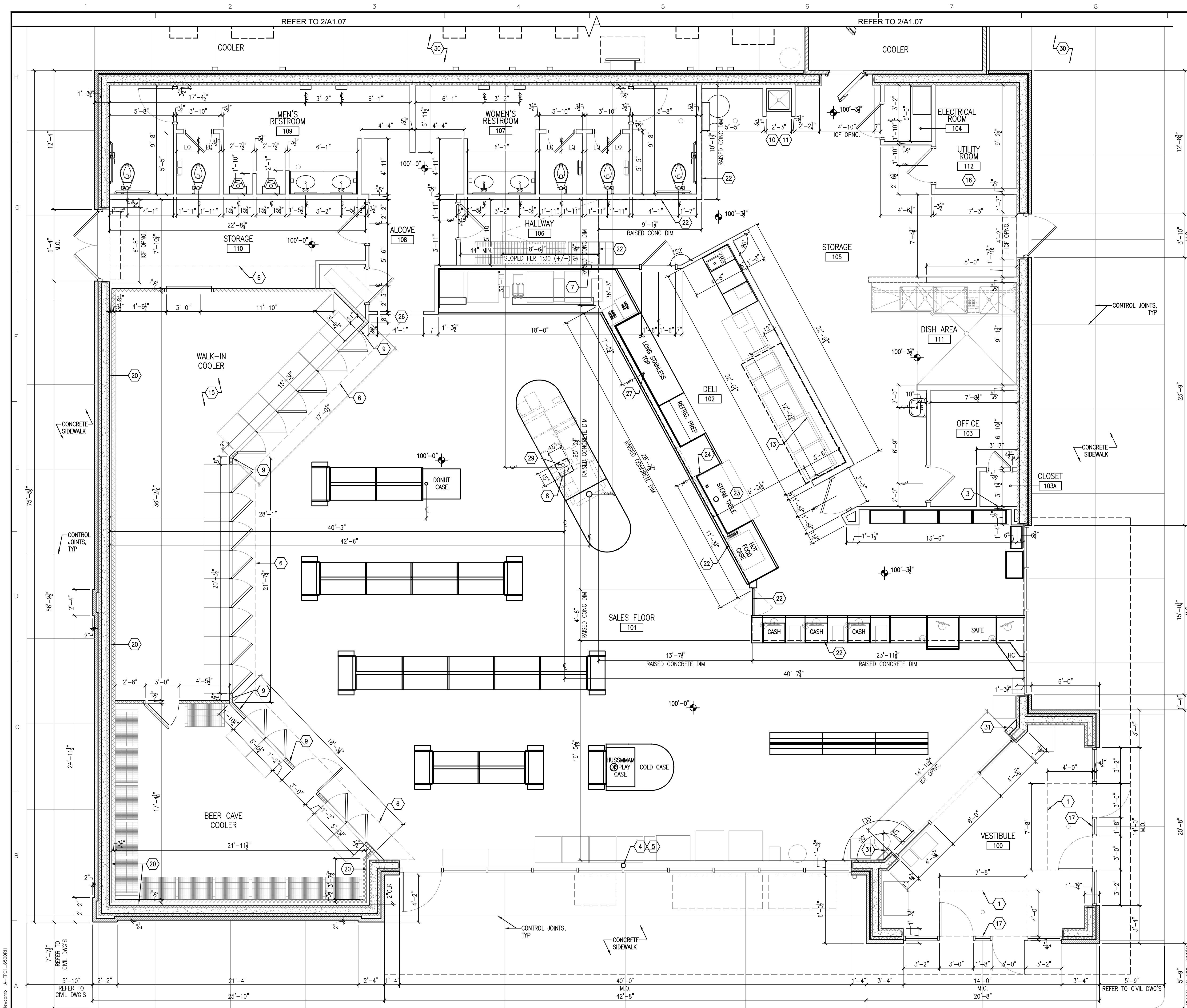
Issue Date: August 1, 2024
 Drawn By: JMT
 Checked By: BP
 Revisions:

Mark: _____ Date: _____
 AHJ SEAL

Project Number
23058.01

A1.01

1 FLOOR PLAN
A-1.01 1/4" = 1'-0"

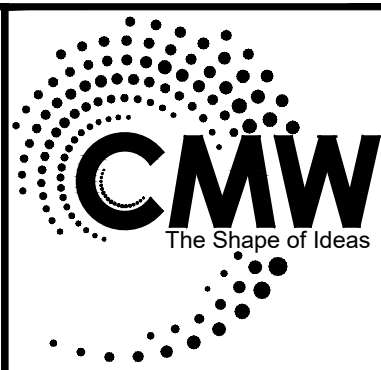


GENERAL NOTES

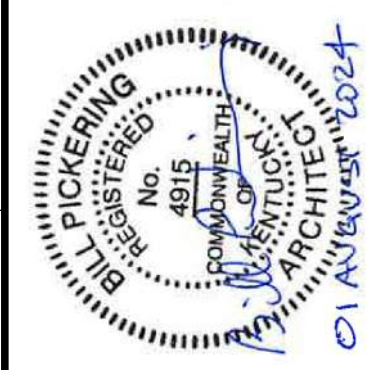
- A. REFER TO SHEET A1.01 'GENERAL NOTES'
- B. SEE CIVIL DRAWINGS FOR BOLLARD LOCATIONS AROUND THE BUILDING. SEE DETAIL 02/A5.02 FOR BOLLARD DETAIL.
- C. REVIEW CIVIL DRAWINGS BEFORE FORMING OUTSIDE SIDEWALKS -AND REVIEW SITE FOR CANOPY SIZE

SHEET KEYNOTES

1. McNICHOOLS QUALITY DURAGRID PULTRUDED FIBERGLASS GRATING (PART NO. F112106542) W/ McNICHOOLS QUALITY FIBERGLASS EMBEDMENT ANGLE (PART NO. F1FE111520).
2. 2x4 FURRING AROUND PLUMBING VENT.
3. INSTALL A STUD CENTERED ON CLOSET BACK WALL TO SERVE AS VERTICAL BLOCKING FOR OWNER INSTALLED EQUIPMENT.
4. PAINT ALL SURFACE MOUNTED CONDUIT FOR ELECTRICAL BOXES "BLACK".
5. TUBE STEEL COLUMN, PAINT "BLACK". REFER TO STRUCTURAL DRAWINGS.
6. DASHED LINE INDICATES 1" RIGID INSULATION UNDER COOLERS.
7. 8x8 OPENING IN SOFT DRINK CABINET AND WALL, CL OF OPENING 32" ABOVE RAMP. INSTALL STANDARD TRIM AROUND OPENING.
8. SLAB OPENING FOR UTILITIES, REFER TO ELEC. AND PLUMB. DRAWINGS VERIFY IN FIELD.
9. 1/4" CEMENT BOARD INSTALLED ON FACE OF COOLERS -REFER TO INTERIOR ELEVATIONS FOR WALL FINISH - REFER TO PARTITION DETAILS A2 AND A2.1/A3.03 FOR PARTITION AND CONTINUATION OF WALL FINISH ABOVE COOLERS.
10. MOP SINK RECESSED IN CONCRETE FLOOR SLAB WITH GRATE AND ANGLE FRAME - GRATE TOP AT FINISH FLOOR - WALLS ON (3) THREE SIDES OF MOP SINK SHALL BE CONCRETE UP TO 2'-0" AFF -REFER TO DETAILS 2/A5.05 & 4/A5.05 -REFER TO DETAIL G/S2.1 FOR GRATE AND ANGLE FRAME - REFER TO PLUMBING FOR MOP SINK.
11. INSTALL MARLITE ON ALL WALLS AROUND AND ABOVE MOP SINK UP TO 10'-0" - MARLITE EXTENDS TO LIMITS INDICATED IN FINISH FLOOR PLAN 1/A1.04.
12. INSTALL MARLITE UP TO 10'-0", EXTEND MARLITE 8'-0" ALONG WALL AND AROUND END OF WING WALL.
13. INSTALL FLOOR STOP BEHIND DEEP FRYER AND GRIDDLE, FLOOR STOP SHALL BE A 2x2 ALUM. ANGLE 10'-0" LONG BOLTED TO THE FLOOR 12" FROM WALL.
14. FRAMED OPENING IN WALL CENTERED ABOVE DOOR FOR TRANSFER AIR GRILLES INSTALLED BOTH SIDES - REFER TO MECHANICAL M2.01 FOR GRILLE SIZE AND INSTALLATION DETAIL.
15. WALK-IN COOLER COMBO TO BE PROVIDED BY WALK-IN COOLER MANUFACTURER, WITH SEALED CONCRETE FLOOR (BY G.C. TYP.).
16. INSTALL 1/2" CDX FIRE-RATED PLYWOOD ON ALL WALLS.
17. REMOVABLE CENTER GLASS AND ALUM. FRAMES THIS DOOR ONLY, REFER TO 01/A6.01.
18. SEE CIVIL DRAWINGS FOR BOLLARD LOCATION. SEE DETAIL 02/A5.02 FOR BOLLARD DETAIL.
19. ALIGN BOLLARDS WITH L.P. CAGE - REFER TO 02/A5.02 FOR ALIGNMENT. SET BOLLARDS 1" AWAY FROM SIDEWALK.
20. 2" MIN. AIR SPACE REQUIRED BTWN. EXTERIOR WALL AND WALK-IN COOLER, (TYP.)
21. CONCRETE EQUIPMENT PAD.
22. EDGE OF CONCRETE FLOOR SLAB RAISED 3-1/2" - REFER TO FOUNDATION PLAN F1.0 FOR DIMENSION LAYOUT OF WHERE SLAB RAISED.
23. POWER SUPPLY - VERIFY W/ ELECTRICAL PLANS
24. COLD WATER SUPPLY - VERIFY W/ PLUMBING PLANS
25. OPEN DRAIN
26. CASE OPENING WITH TILE, USE SCHLUTER TILE EDGE
27. FOUNTAIN DRAIN (OR) - SEE PLUMBING PLANS
28. 2" SLEEVE 9'-0" A.F.F., 2'-0" OFF OF WALL.
29. SPARE 3" CONDUIT TO ELECTRIC ROOM
30. REVIEW CIVIL DRAWINGS BEFORE FORMING OUTSIDE SIDEWALKS, & REVIEW SITE FOR CANOPY SIZE.
31. PROVIDE 6" WOOD STUD FURRED-OUT WALL W/ 1/2" GYPSUM BOARD - COORDINATE W/ PLUMBING VENT INSTALLATION REQUIREMENTS.



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DIMENSIONED FLOOR PLAN
FiveStar #2000 - Brandenburg
NEWCOMB OIL CO., LLC
2121 BRANDENBURG RD
BRANDENBURG, KY

CONSTRUCTION DOCUMENTS

Issue Date:	August 1, 2024
Drawn By:	JMT
Checked By:	BP
Revisions:	

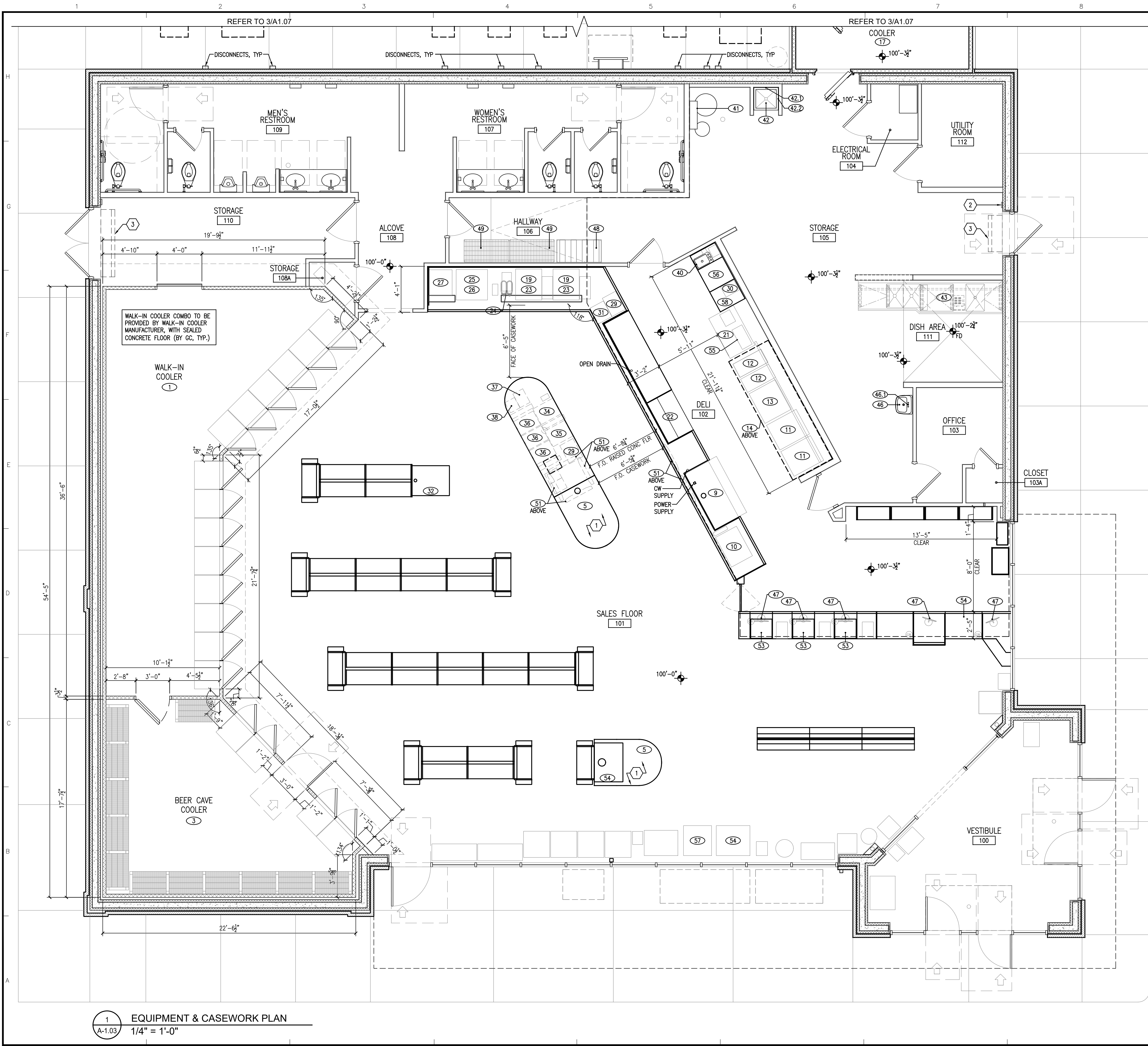
Mark Date
AHJ SEAL

Project Number
23058.01

A1.02

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

Xref: 30225012_Invcomb_A-PP1_650581

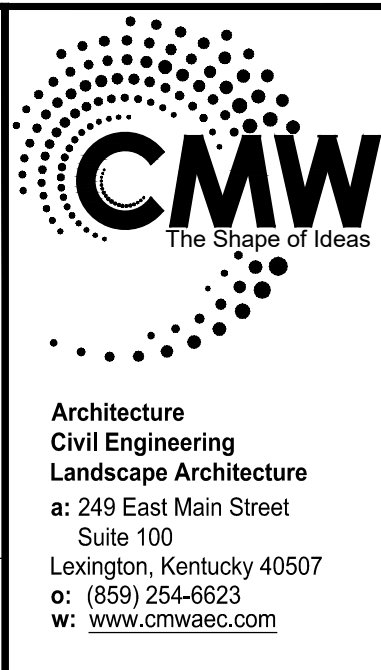


GENERAL NOTES

- A. REFER TO SHEET A1.01 'GENERAL NOTES'
- ### SHEET KEYNOTES
- COLD CASE EQUIPMENT REQUIRES CONDUITS AND DRAIN - VERIFY W/ PLUMBING PLANS
 - 'LoCENTER' ALARM KEYPAD - INSTALL 54"-60" AFF, 6"-8" AWAY FROM DOOR FRAME - SEE ELECTRICAL
 - AIR CURTAIN 'SERIES #CHD10' AS MANUFACTURED BERNER AIR CURTAINS - COORDINATE WIDTH OF UNIT W/ OWNER. INSTALL PER MANUFACTURER'S STANDARD REQUIREMENTS - SEE MECHANICAL AND ELECTRICAL

EQUIPMENT SCHEDULE

ITEM NO	QTY	EQUIPMENT CATEGORY	MANUFACTURER	MODEL NUMBER	OFOI	OFCI	CFCI
1	1	WALK-IN COOLER					
2	1	OUTDOOR CONDENSING UNIT					
3	1	BEER CAVE WALK-IN COOLER					
4	1	OUTDOOR CONDENSING UNIT					
5	1	MULTI-DECK ISLAND MERCHANDISER	HUSSMAN	IM-04-R			
6	1	OUTDOOR CONDENSING UNIT					
7	1	NOT USED					
8	1	NOT USED					
9	1	4 WELL HOT FOOD TABLE	DELFIELD				
10	1	HOT FOOD MERCHANDISER	HATCO	120V-1550 WATTS			
11	2	CONVECTION OVEN W/ HOLDING CABINET	MOFFAT	TURBOFAN G32DS W/ PBM PROOFER HOLDER			
12	2	FLOOR MODEL GAS FRYER	PITCO	SOLSTICE SG14			
13	1	GRIDDLE	STAR	824TSA			
13.1	1	SS BASE CABINET W/ ROLLERS					
14	1	EXHAUST HOOD	CAPTIVE AIR				
15	1	WALK-IN FREEZER					
16	1	OUTDOOR CONDENSING UNIT					
17	1	DELI WALK-IN					
18	1	OUTDOOR CONDENSING UNIT					
19	2	REMOTE ICE MAKER (INSTALLED ON FOUNTAIN)	SCOTSMAN	N1322R-32A			
20	3	OUTDOO REMOTE CONDENSER					
21	1	WORKTOP SOLID DOOR FREEZER	TRUE	TWT-48F-HC			
22	1	FOOD PREP TABLE	TRUE	TSSU-48-12-HC			
23	2	SODA FOUNTAIN					
24	1	TEA BREWER					
25	1	FREAL BLENDER	FREAL	BLENDER			
26	1	FREAL MINI BLENDIN BAR	FREAL	MINI BLENDING BAR			
27	1	FREEZE MACHINE	TAYLOR CROWN				
28	2	COFFEE MAKER					
29	2	MICROWAVE					
30	1	INDUCTION RANGE					
31	1	BAKED GOODS					
32	1	DONUT CASE					
33	1	FRAPP MACHINE	BUNN	ULTRA 2HP BLK			
34	1	CHOC. CAPPUCCINO MACHINE	BUNN	IMX-55+			
35	1	CAPPUCCINO MACHINE	BUNN	IMX-55+			
36	3	BEAN TO CUP - COFFEE	BUNN	FAST CUP			
37	1	CREAMER	NESTLE	2 HEAD DISPENSER			
38	1	SUGAR	PERFECT SERVINGS	POWDER DISPENSER			
39	1	PAN CABINET					
40	1	HANK SNK, INTERGAL WITH COUNTERTOP					
41	1	WATER FILTER	PENTAIR	EV9437-10 HIGH FLOW CSR QUAD-MC SYSTEM			
42	1	MOP SNK RECESSED					
42.1	1	FAUCET					
42.2	1	MOP HANGER					
43	1	VORTEX WASH SYSTEM					
44	1	NOT USED					
45	1	WALL MOUNTED SHELVING (14"X36")	EAGLE - METAL MASTERS	GW81436VG			
46	1	HAND SNK - WALL HUNG	MANSFIELD GRAND ISLE	2018 HBNS VITREOUS CHINA			
46.1	1	FAUCET	AMERICAN STANDARD	RELIANT 3 - 7385.004			
47	5	POS TERMINALS					
48	1	BAG-N-BOX					
49	1	WIRE SHELVING (18"X36") W/ ROLLERS	EAGLE - METAL MASTERS	1836VG			
50	1	WIRE SHELVING (24"X36") W/ ROLLERS	EAGLE - METAL MASTERS	2436VG			
51	6	SUSPENDED TV MONITORS					
52	1	SAFE	ARMOR	CS6-71XXU			
53	2	PAYPOD	CPI	240057009			
54	2	HUSSMAN DISPLAY CASE	HUSSMAN	GSVMA			
55	1	FOOD WARMER	VOLLRATH	72050			
56	1	CONVECTION WARMING OVEN	CRES COR	CO-151-HW-UA			
57	1	ICE CREAM CASE	DREYER	1 DOOR UPRIGHT			
58	1	WORKTOP COOLER	TRUE	TWT-27-HC			



EQUIPMENT & CASEWORK PLAN
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CONSTRUCTION DOCUMENTS

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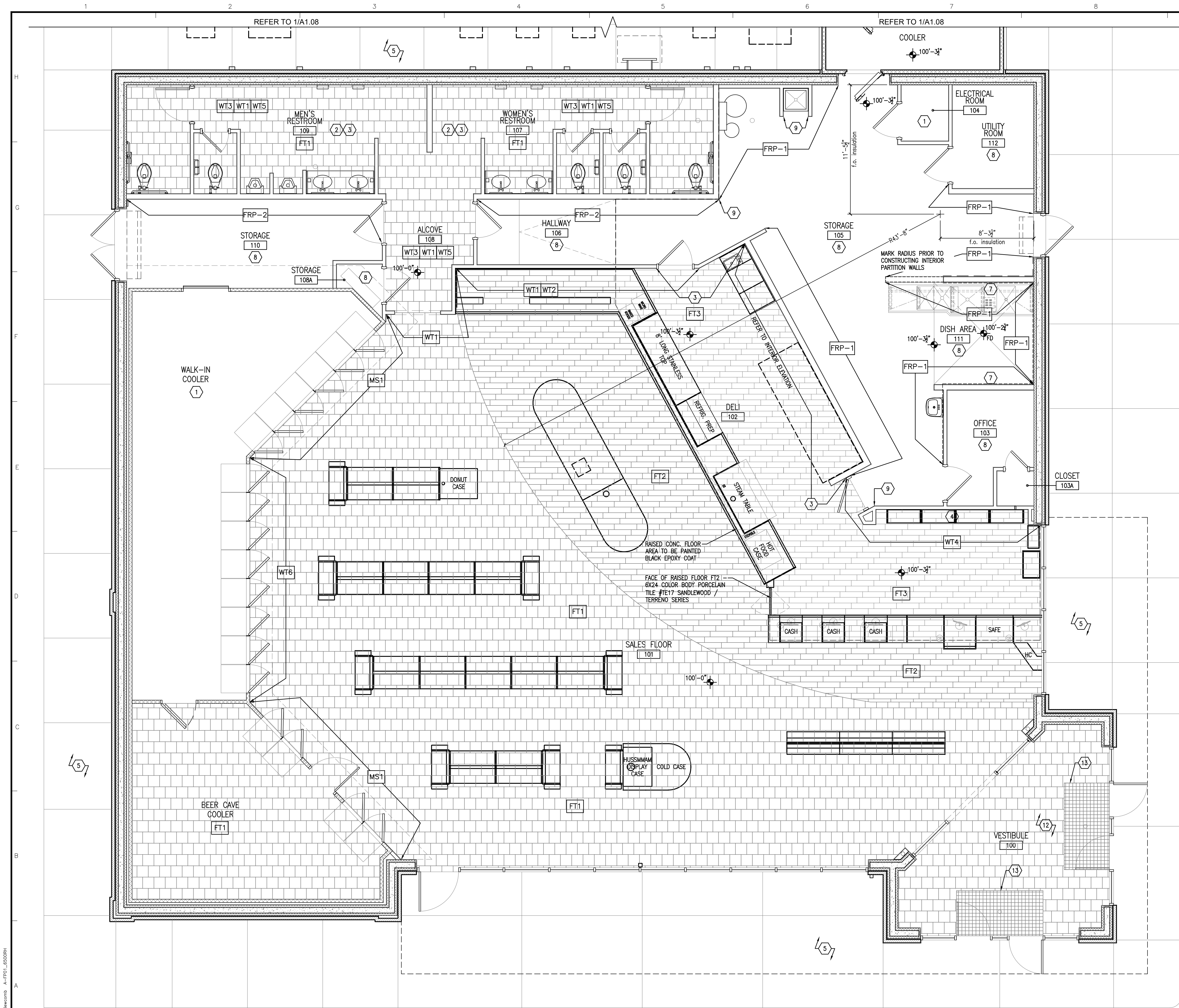
Revisions:

Mark: _____ Date: _____
 AHJ SEAL

Project Number
23058.01

A1.03

Xref: 30225171_Invcomb_A-PP01_605266



GENERAL NOTES

- A. REFER TO SHEET A1.01 'GENERAL NOTES'
- B. REFER TO A3.04 FOR INTERIOR FINISH SCHEDULE

SHEET KEYNOTES

1. APPLY "MASTERKURE HD 200WB", ON FLOORS WHERE NOTED.
2. THROUGHOUT RESTROOM AREA, REFER TO INTERIOR ELEVATIONS FOR MORE INFORMATION.
3. REFER TO INTERIOR ELEVATIONS.
4. NO TILE BEHIND SHELVING.
5. APPLY "MASTERKURE ND 200WB" TO ALL EXTERIOR SIDEWALKS, EQUIPMENT PADS AND DUMPSTER PADS.
6. NOT USED
7. PAINT WALL PER INTERIOR FINISH SCHEDULE --SEE A3.04 FOR MORE INFORMATION
8. EPOXY COATED FLOORS, WHERE NOTED.
9. STAINLESS STEEL ANGLE TO PROTECT CORNER
10. FACE OF 3/4" RAISED CONCRETE SLAB WITH TILE WT5
11. PAINT WALL ABOVE MARRLITE --COLOR PER INTERIOR FINISH SCHEDULE --SEE A3.04 FOR MORE INFORMATION
12. ALL WALLS IN VESTIBULE WITH PAINT FINISH PT3
13. REFER TO KEYED NOTE 1/A1.02 FOR WALK-OFF GRATING AT DOOR
14. 5'-0"(H) STAINLESS STEEL PANELS W/ 5'-0"(H) FRP ABOVE.

FLOOR FINISH SCHEDULE

T-CODES = TILES USED ON FLOORS. WALL TILES MAY BE FOUND ON INTERIOR ELEVATIONS

EF1: EPOXY FLOOR

FT3: 6X6 PAVER 0096 CHARCOAL STD 0096661P W/ POLY BLEND PLUS LIGHT SMOKE GROUT

MAIN TILE FIELD A:

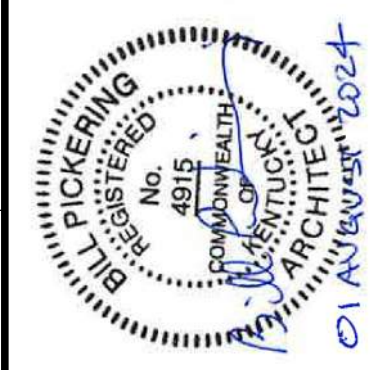
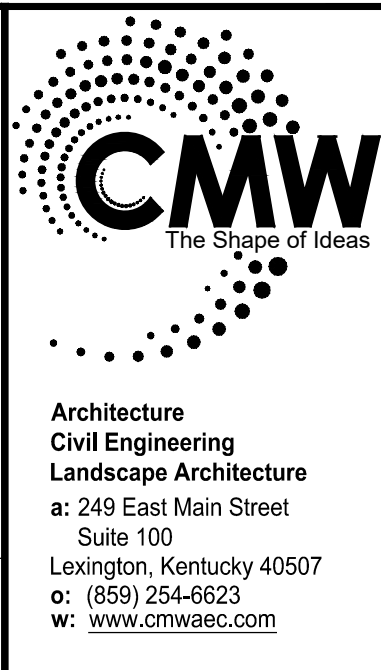
FT1: 12 x 12 PORCELAIN STONE TILE / #VL78 - ACCENT BROWN WITH 3/16" GROUT LINES - BRICKWORK PATTERN WITH #145 LIGHT SMOKE SANDED GROUT.

MAIN TILE FIELD B:

FT2: 6 X 24 COLORBODY PORCELAIN TILE / #HH03 TEAK WITH 3/16" GROUT LINES - WITH #59 SADDLE BROWN SANDED GROUT.

NOTE:

1. TILE TO RUN CONTINUOUS UNDER CABINETS.
2. "GROUT BOOST" TO BE USED TO MIX GROUT INSTEAD OF WATER.



FINISH PLAN
 FiveStar #2000 - Brandenburg
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A1.04

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

Xref: 30220171_Invencmb_A-FPS1_605096

REFER TO 2/A1.08

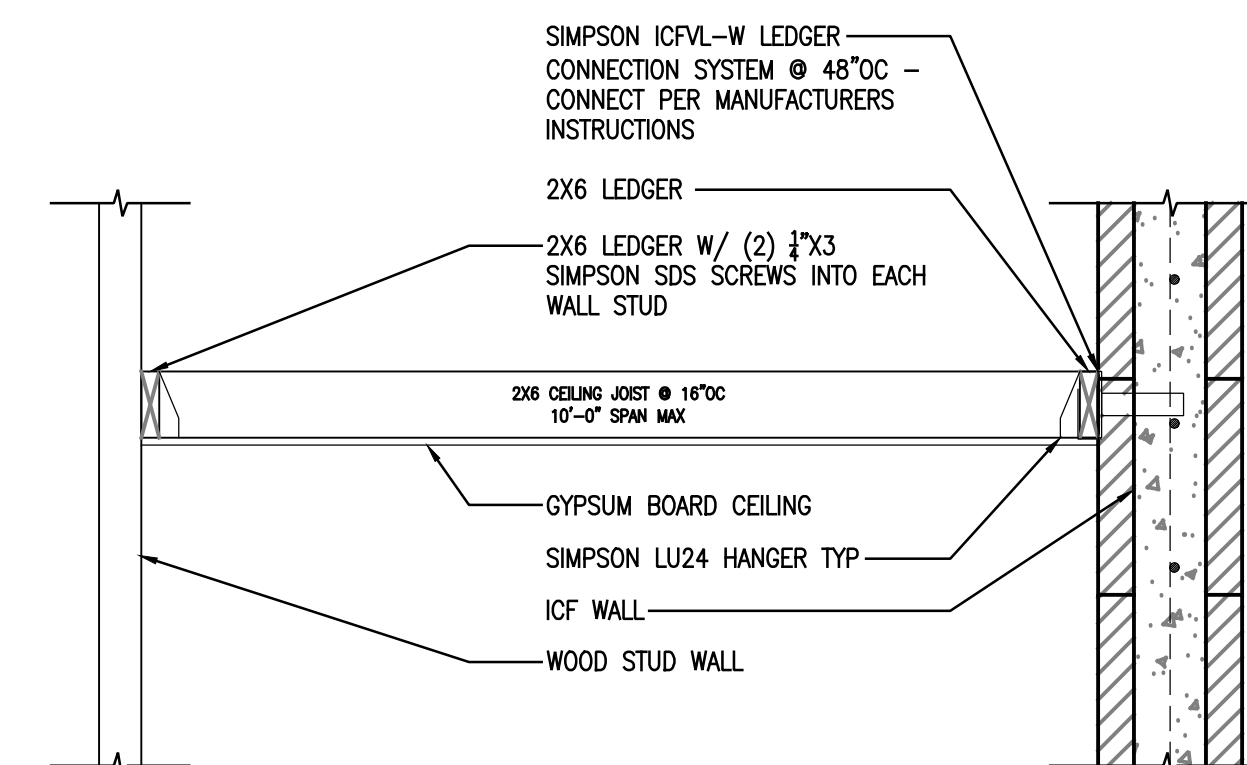
REFER TO 2/A1.08

GENERAL NOTES

- A. REFER TO SHEET A1.01 'GENERAL NOTES'
- B. REFER TO A3.04 FOR INTERIOR FINISH SCHEDULE

SHEET KEYNOTES

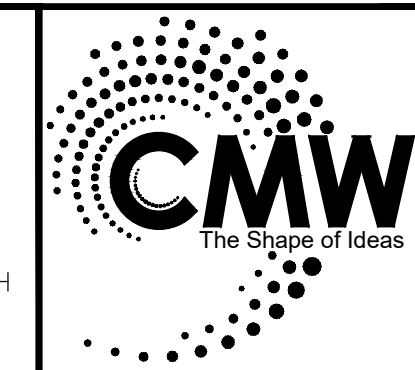
1. CEDAR WOOD BEAMS: BEAMS SHALL BE SEALED WITH CLEAR SEALER, TOPS OF CEDAR BEAMS SHALL BE SANDED BEFORE INSTALLATION. SUSPENSION RODS SHALL BE PAINTED TO MATCH THE CEILING. STEEL CONNECTOR PLATES SHALL BE PAINTED BLACK. REFER TO STRUCTURAL DRAWINGS FOR STEEL CONNECTOR PLATES.
2. 24"x24" HIGH PLYWOOD DOOR WITH HINGES, HANDLE AND SLIDE BOLT TO ACCESS THE AREA ABOVE THE RESTROOM. TRIM WITH 1x TRIM, PAINT ALL.
3. OPEN TO STRUCTURE.
4. OPEN TO STRUCTURE ABOVE COOLERS.
5. GYPSUM BOARD CEILING @ 10'-0" A.F.F.
6. GYPSUM BOARD CEILING @ 9'-6" A.F.F.
7. CEILING FAN IN CASHIER AREA.



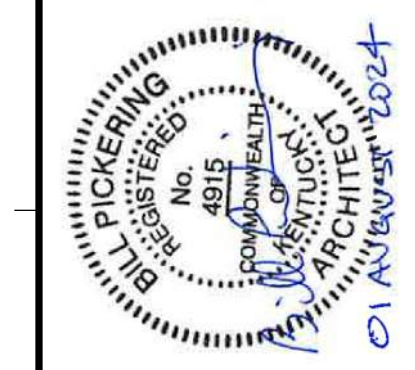
2
A1.05 GYPSUM BOARD CEILING FRAMING
3/4" = 1'-0"



1
A1.05 REFLECTED CEILING PLAN
1/4" = 1'-0"



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REFLECTED CEILING PLAN
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CONSTRUCTION DOCUMENTS

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Revisions:

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A1.05

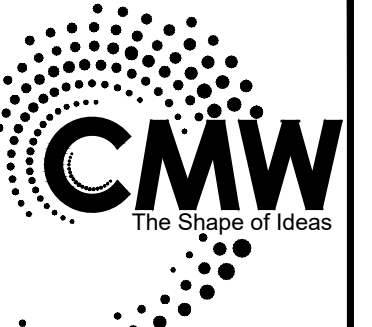
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GENERAL NOTES

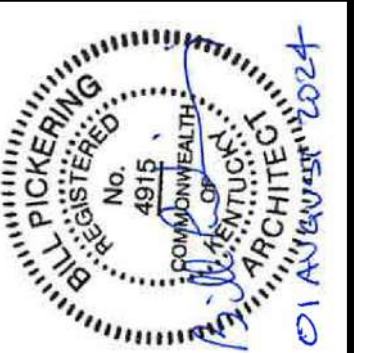
- A. REFER TO SHEET A1.01 'GENERAL NOTES'
- B. REFER TO SHEET A1.01 'WALL/PARTITION LEGEND'
- C. REFER TO SHEET A1.03 'EQUIPMENT SCHEDULE'
- D. SEE CIVIL DRAWINGS FOR BOLLARD LOCATIONS AROUND THE BUILDING. SEE DETAIL 02/A5.02 FOR BOLLARD DETAIL.
- E. REVIEW CIVIL DRAWINGS BEFORE FORMING OUTSIDE SIDEWALKS -AND REVIEW SITE FOR CANOPY SIZE

SHEET KEYNOTES

- 1. REVIEW CIVIL DRAWINGS BEFORE FORMING OUTSIDE SIDEWALKS, & REVIEW SITE FOR CANOPY SIZE.



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NORTH WALL COOLER / FREEZER PLANS

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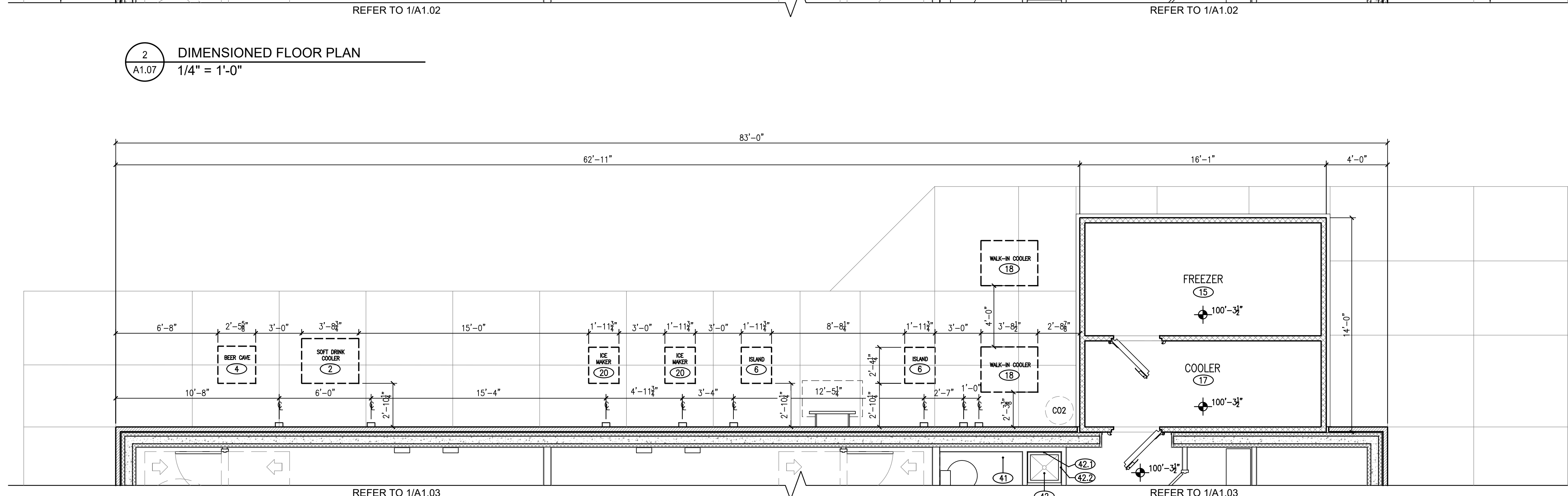
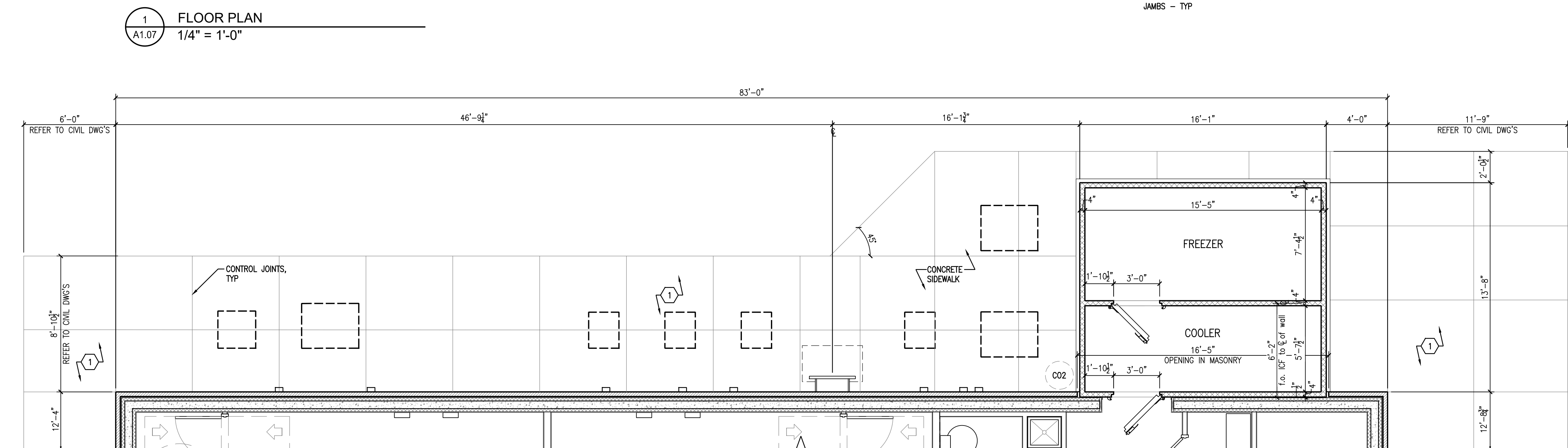
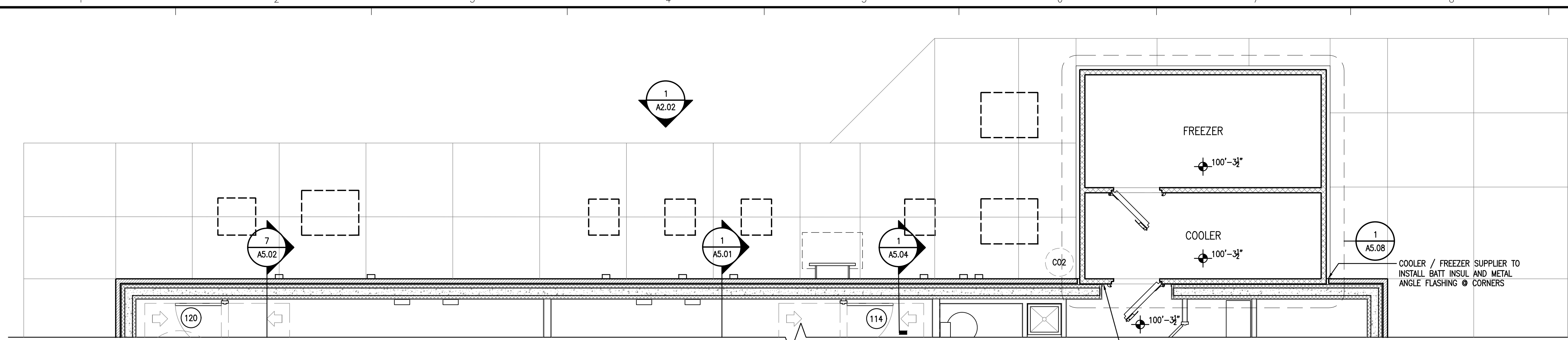
CONSTRUCTION DOCUMENTS

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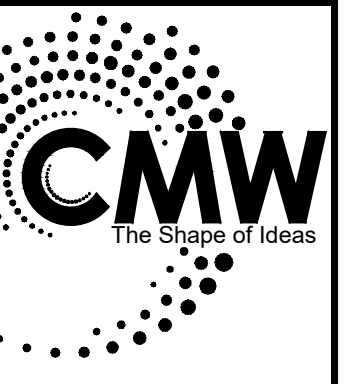
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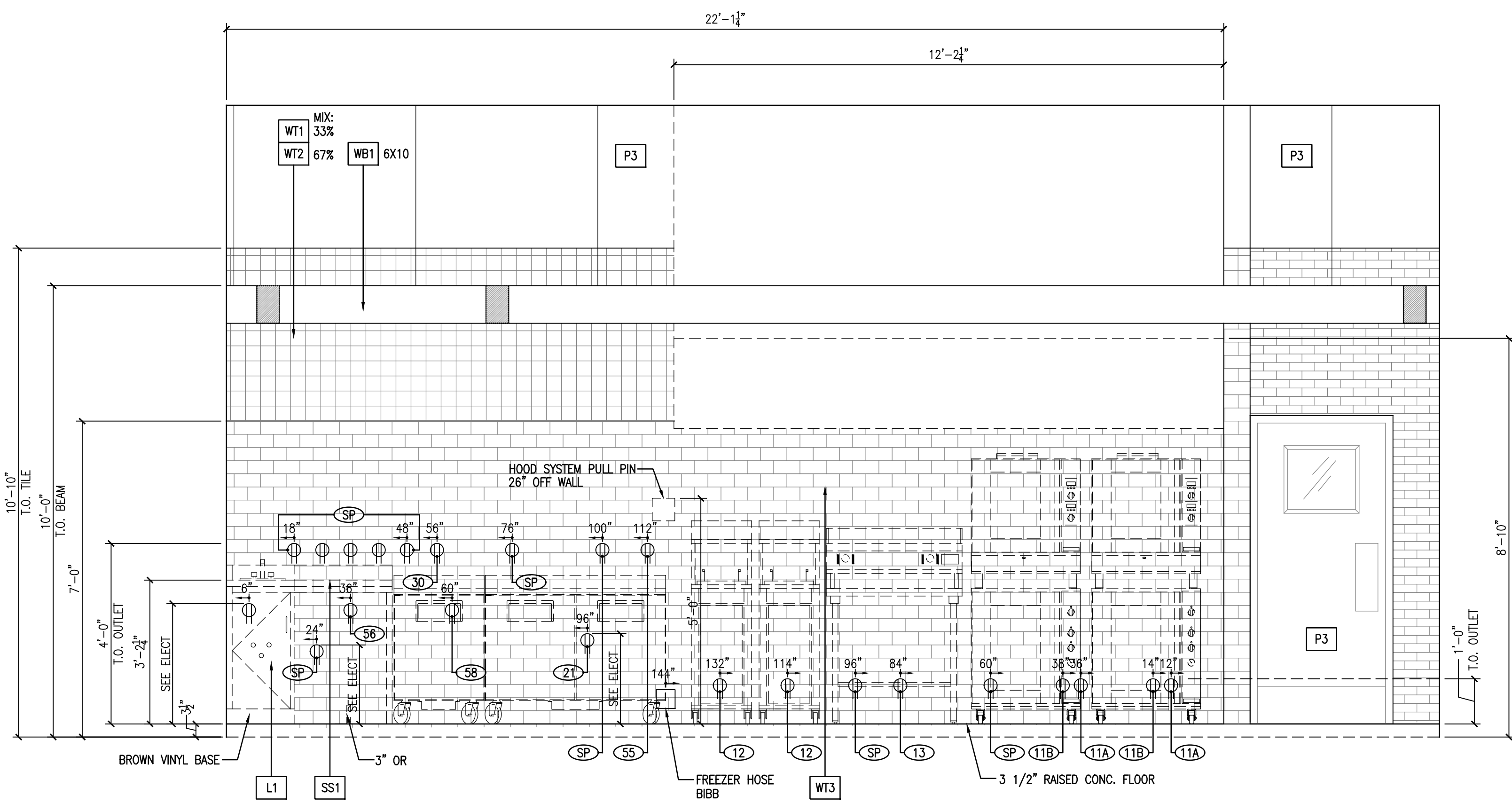
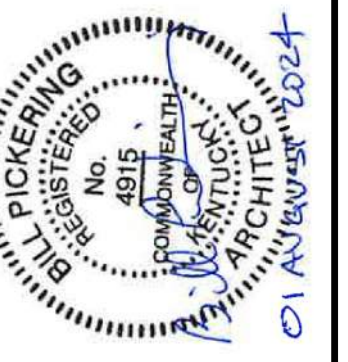
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GENERAL NOTES

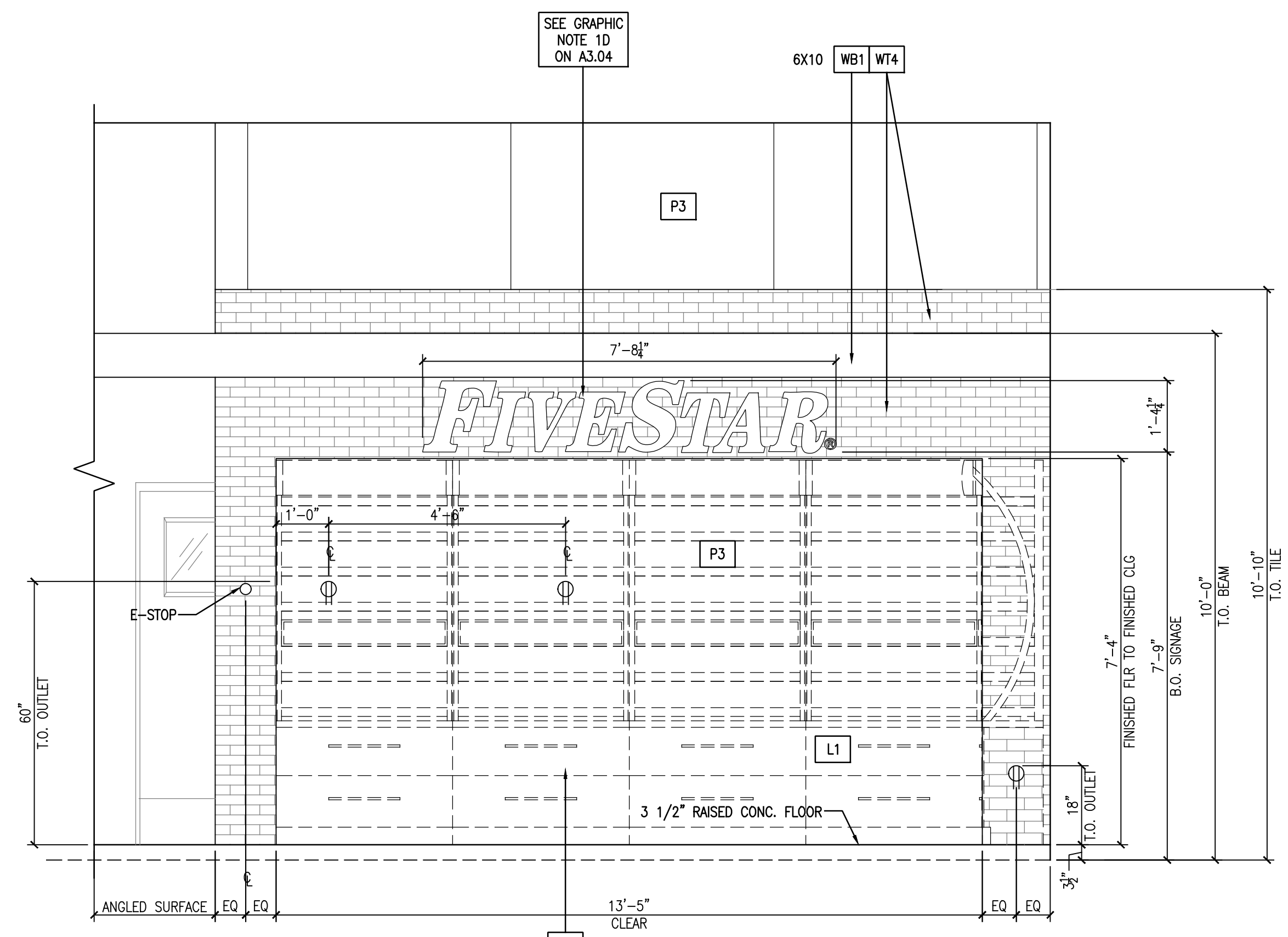
- A. REFER TO SHEETS A1.01 AND A2.01 'GENERAL NOTES'
- B. REFER TO SHEET A2.01 'EXTERIOR FINISH SCHEDULE'



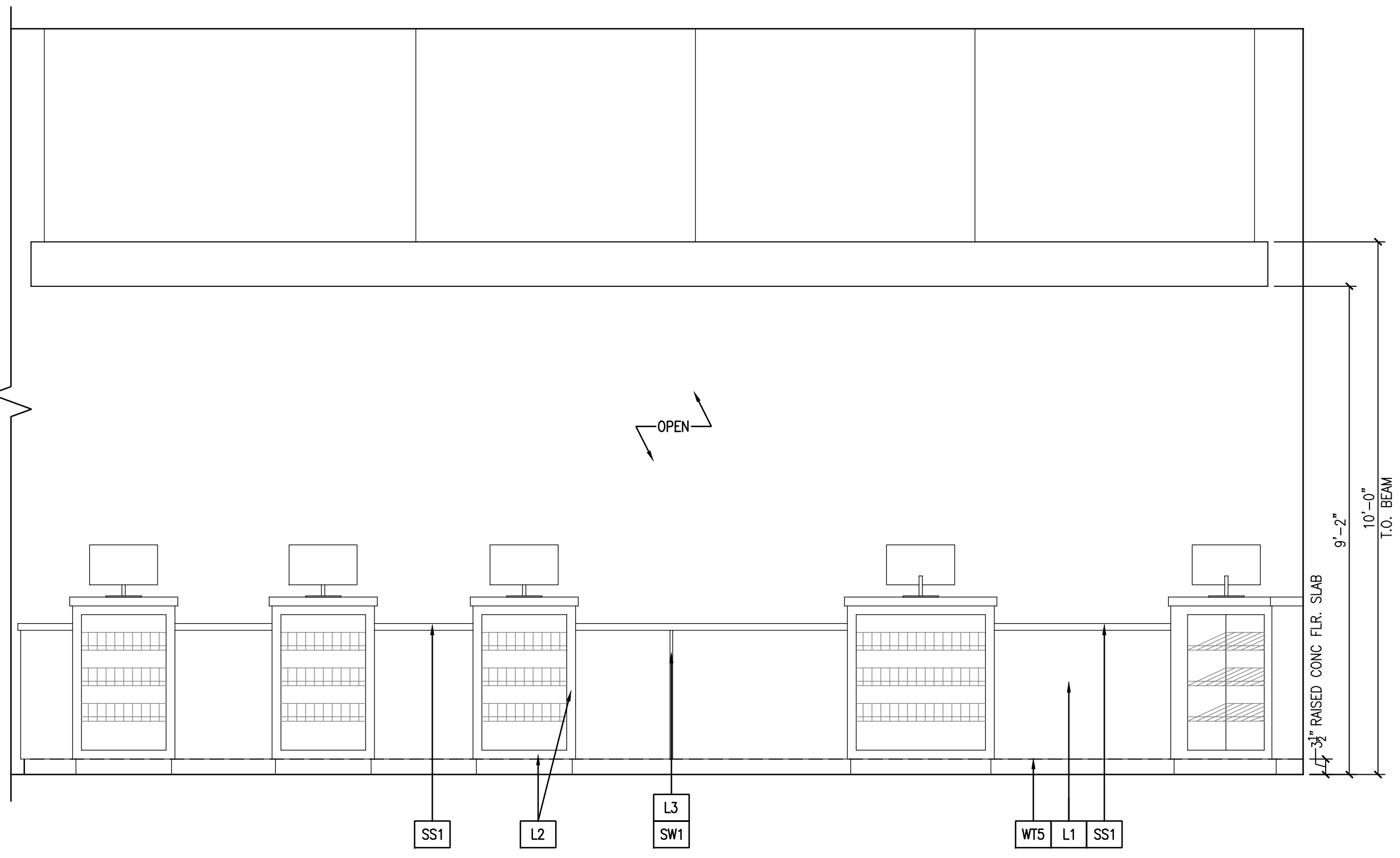
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1
A2.03 INTERIOR ELEVATION
1/2" = 1'-0"

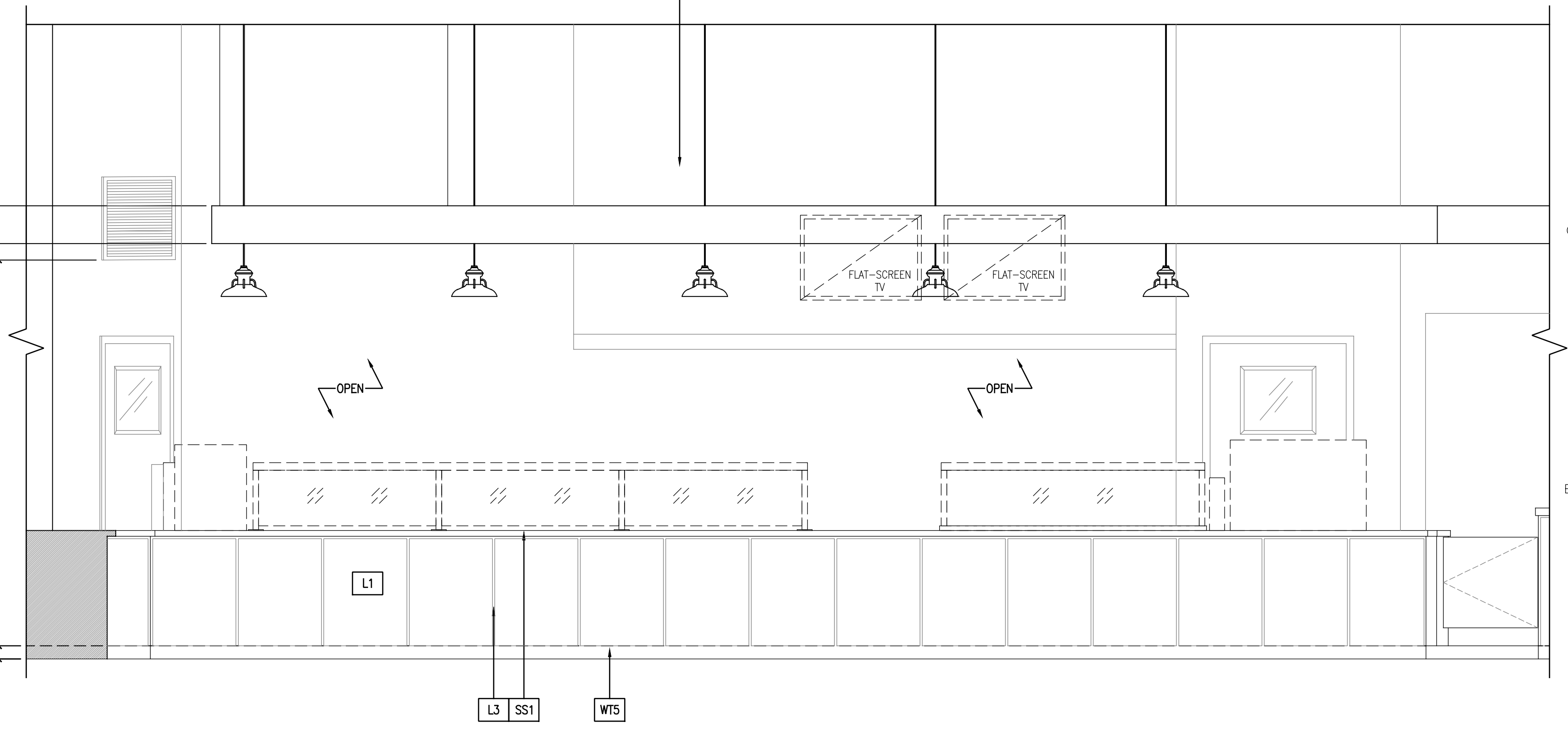


2
A2.03 INTERIOR ELEVATION
1/2" = 1'-0"



3
A2.03 INTERIOR ELEVATION
1/2" = 1'-0"

FOR REFERENCE ONLY - SEE FLOOR PLAN FOR NEW LAYOUT



4
A2.03 INTERIOR ELEVATION
1/2" = 1'-0"

FOR REFERENCE ONLY - SEE FLOOR PLAN FOR NEW LAYOUT

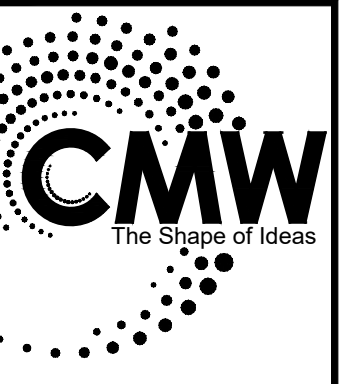
INTERIOR ELEVATIONS
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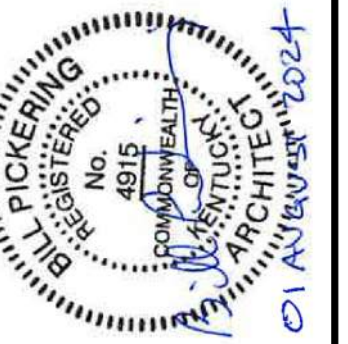
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A2.03



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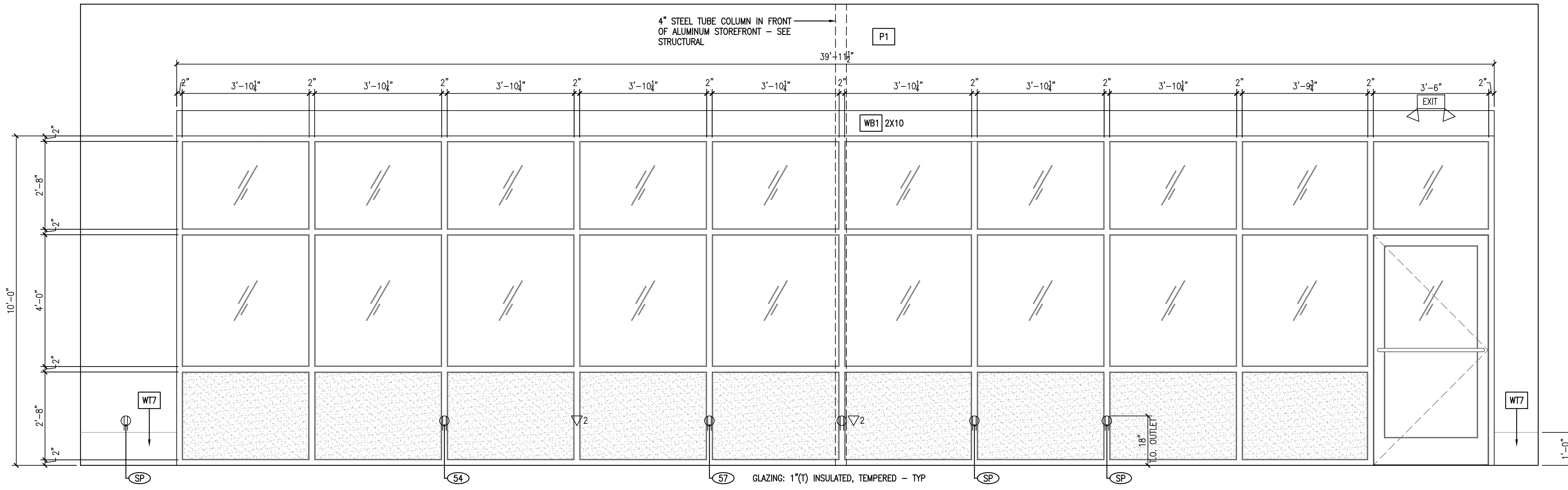


GENERAL NOTES

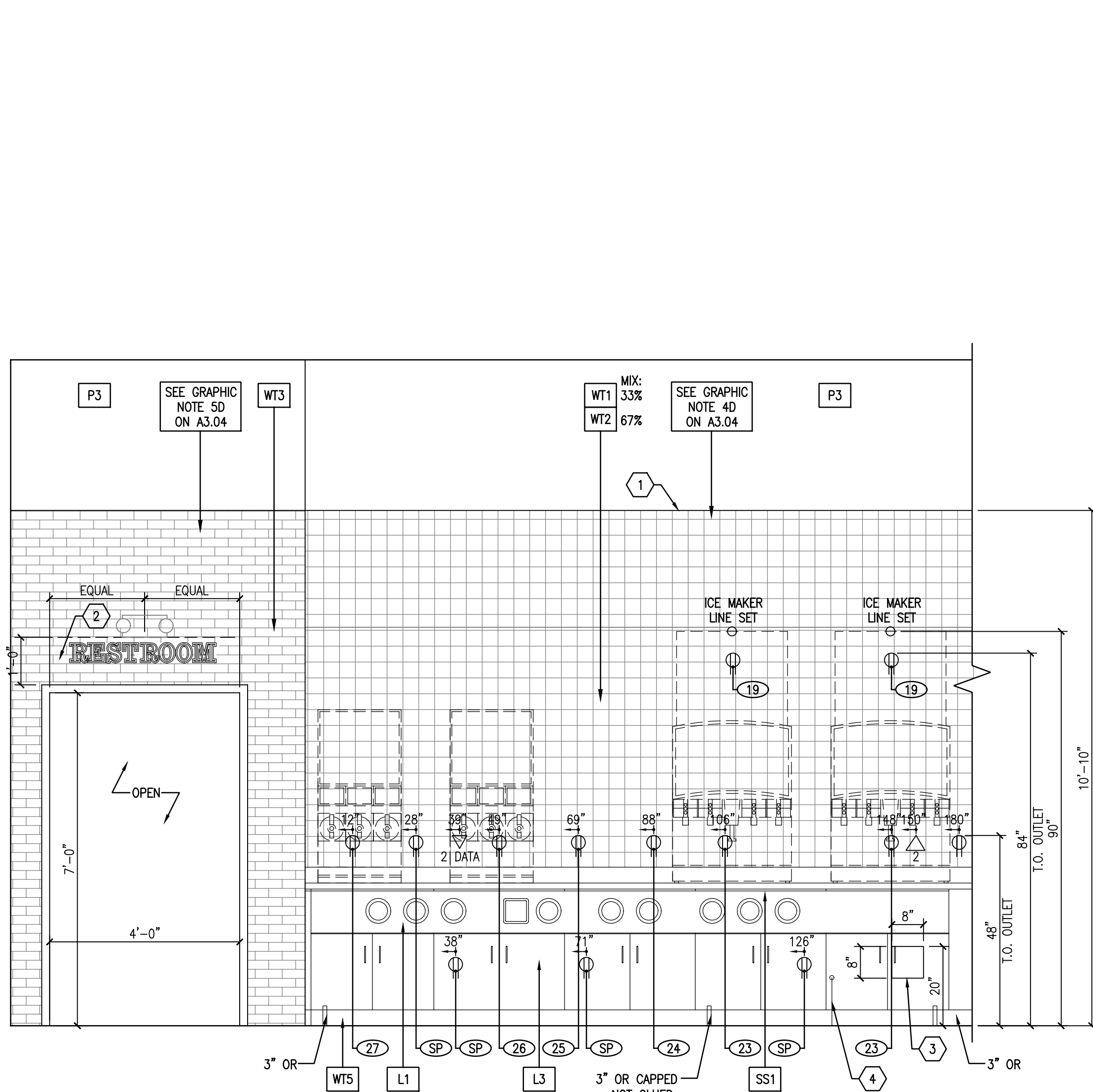
- A. REFER TO SHEETS A1.01 AND A2.01 'GENERAL NOTES'
- B. REFER TO SHEET A2.01 'EXTERIOR FINISH SCHEDULE'
- C. REFER TO SHEET A1.03 'EQUIPMENT SCHEDULE'
- D. REFER TO SHEET A3.04 'INTERIOR FINISH SCHEDULE'

SHEET KEYNOTES

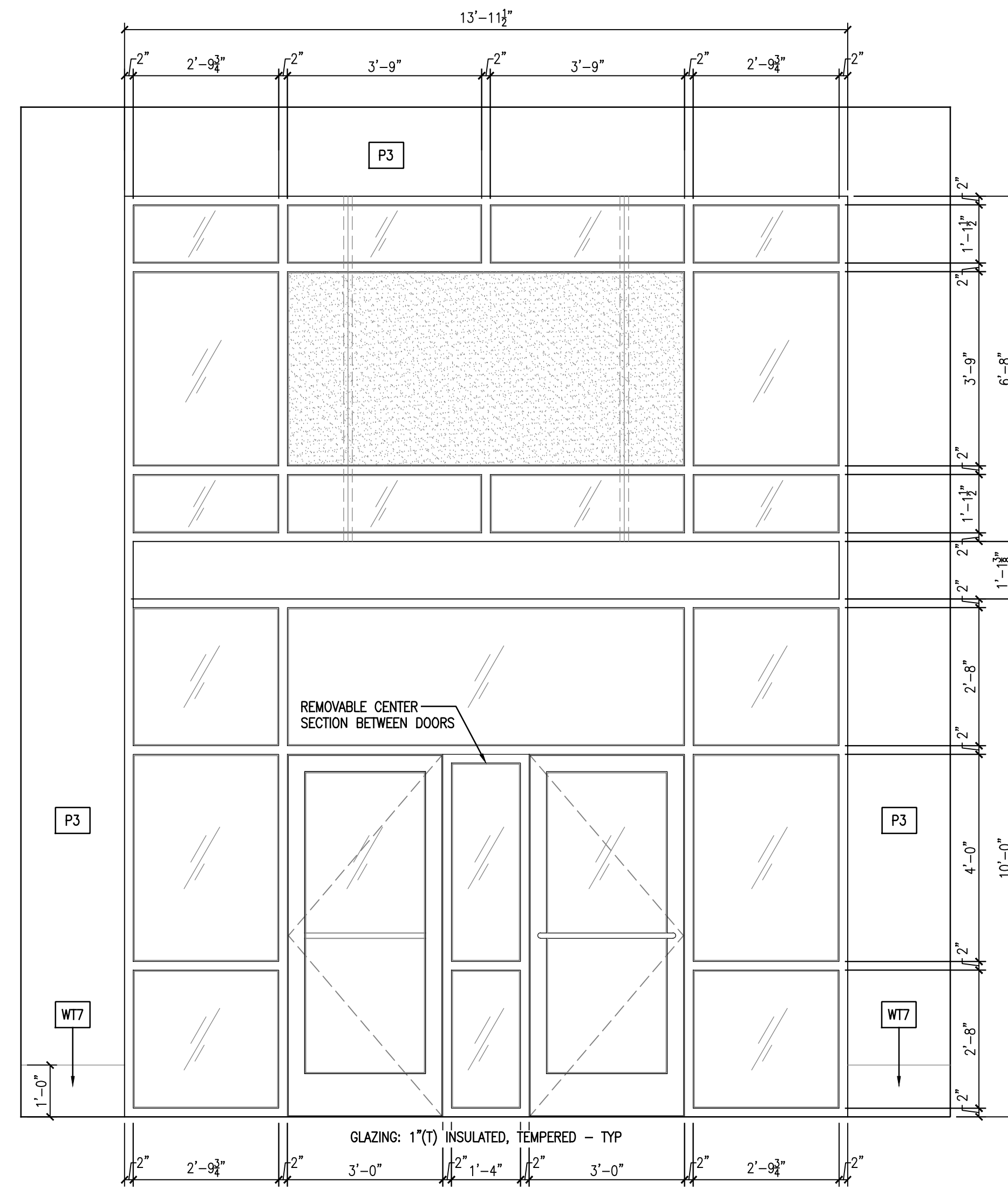
- 1. CENTER TILE LAYOUT ON WALL, NO EDGE TILE SMALLER THAN 1-1/2" WIDE
- 2. MAINTAIN A 12" CLEARANCE HERE PRIOR TO INSTALLING A EGRESS EMERGENCY LIGHT
- 3. SYRUP LINE OPENING
- 4. WATER MANIFOLD AGAINST CABINET



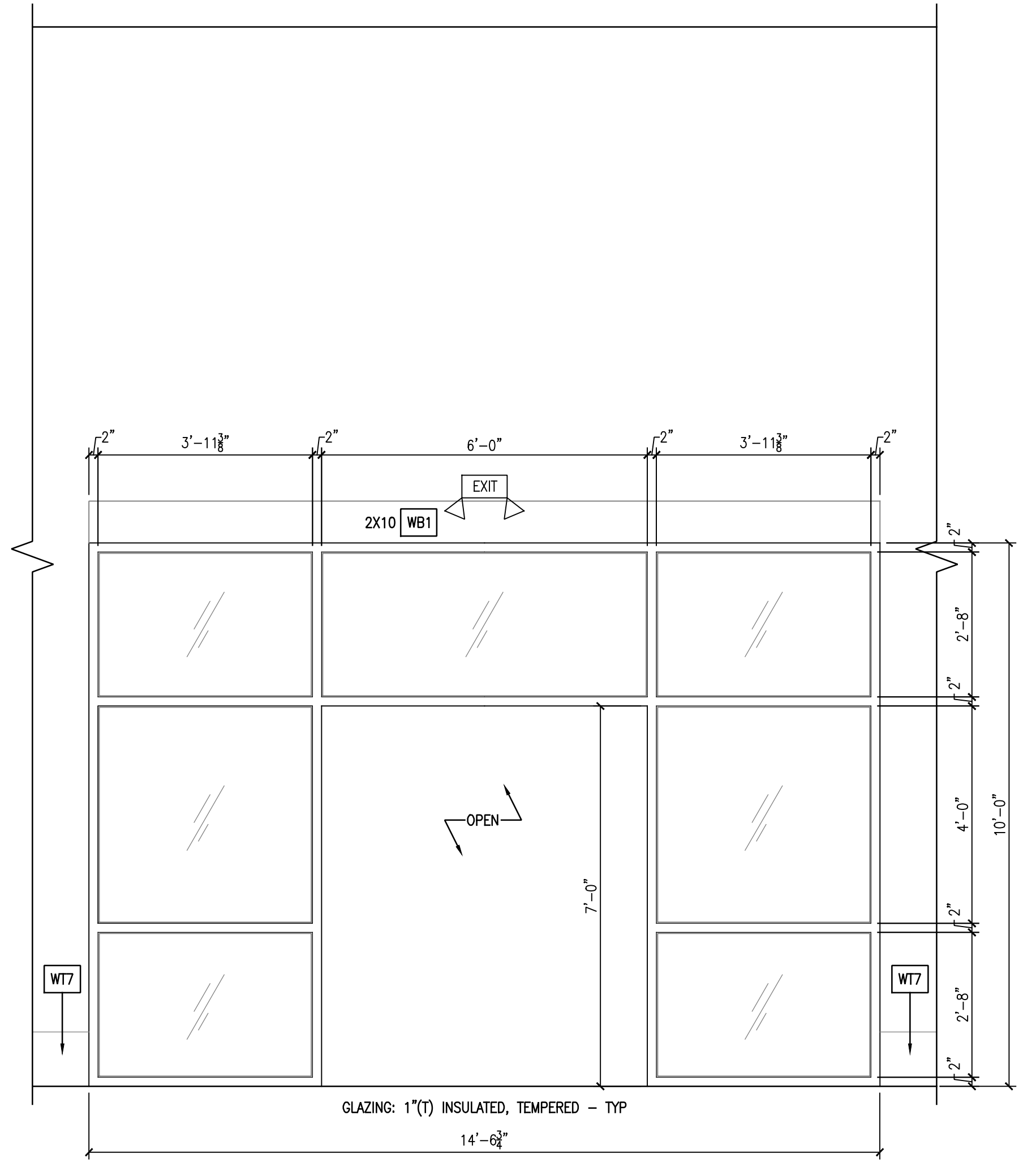
1 INTERIOR ELEVATION
A2.04 1/2" = 1'-0"



2 INTERIOR ELEVATION
A2.04 1/2" = 1'-0"



3 INTERIOR ELEVATION
A2.04 1/2" = 1'-0"



4 INTERIOR ELEVATION
A2.04 1/2" = 1'-0"

INTERIOR ELEVATIONS
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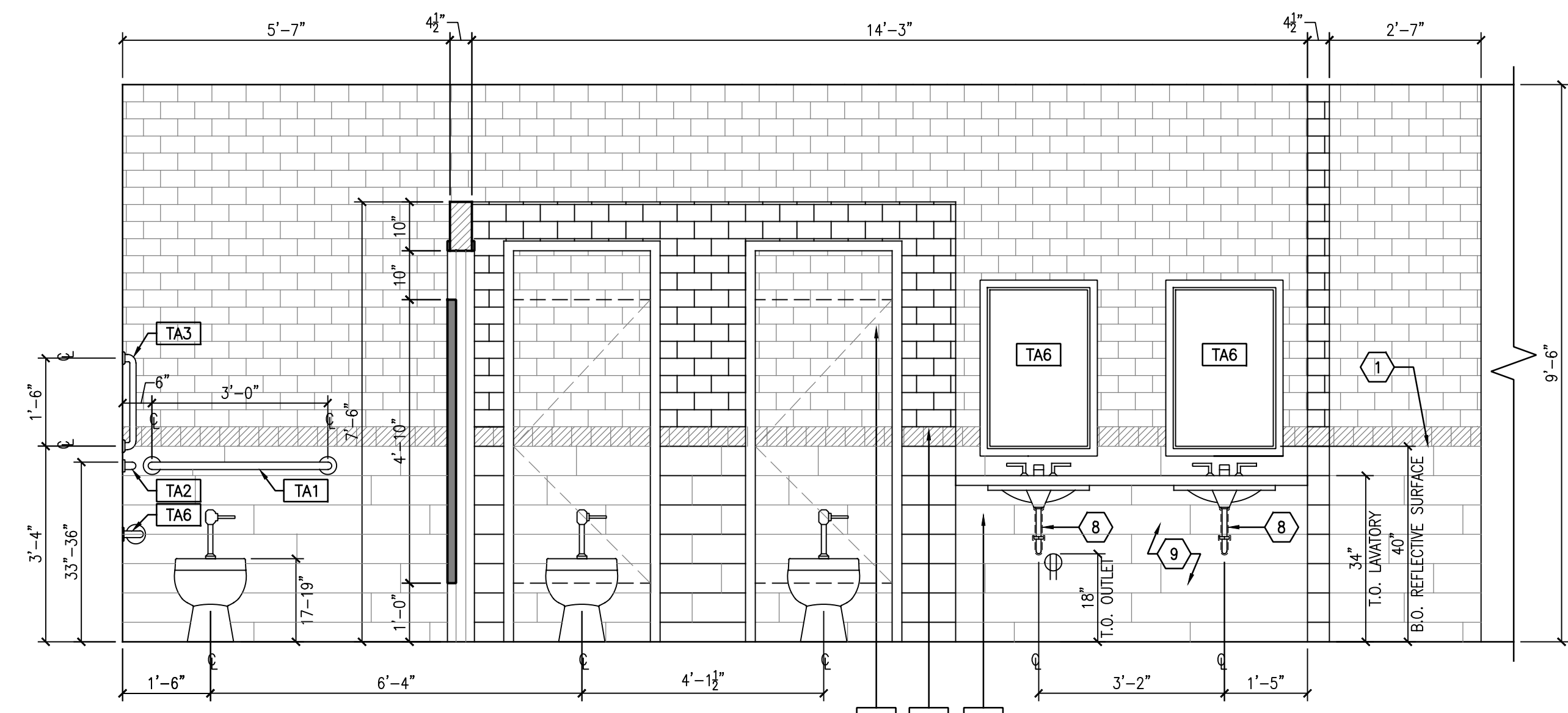
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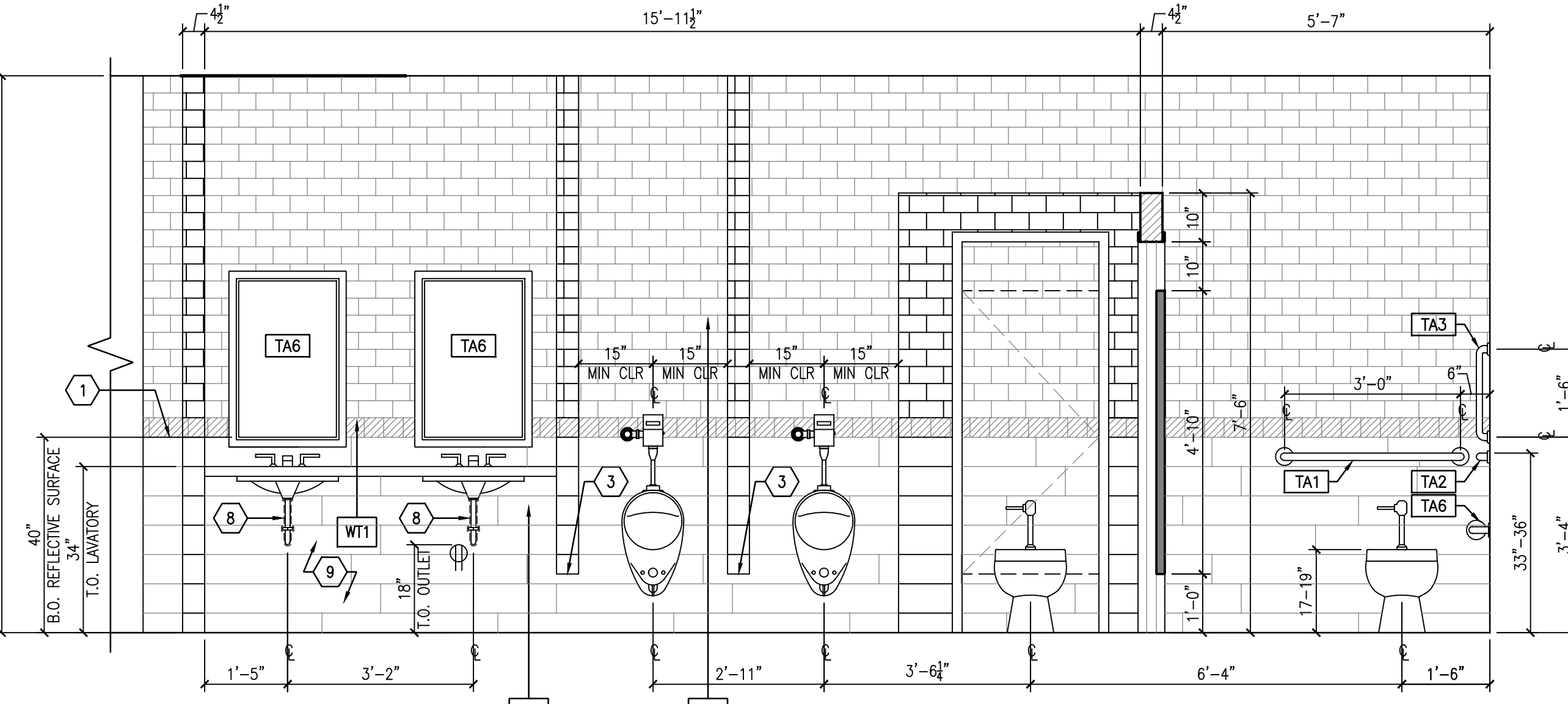
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A2.04

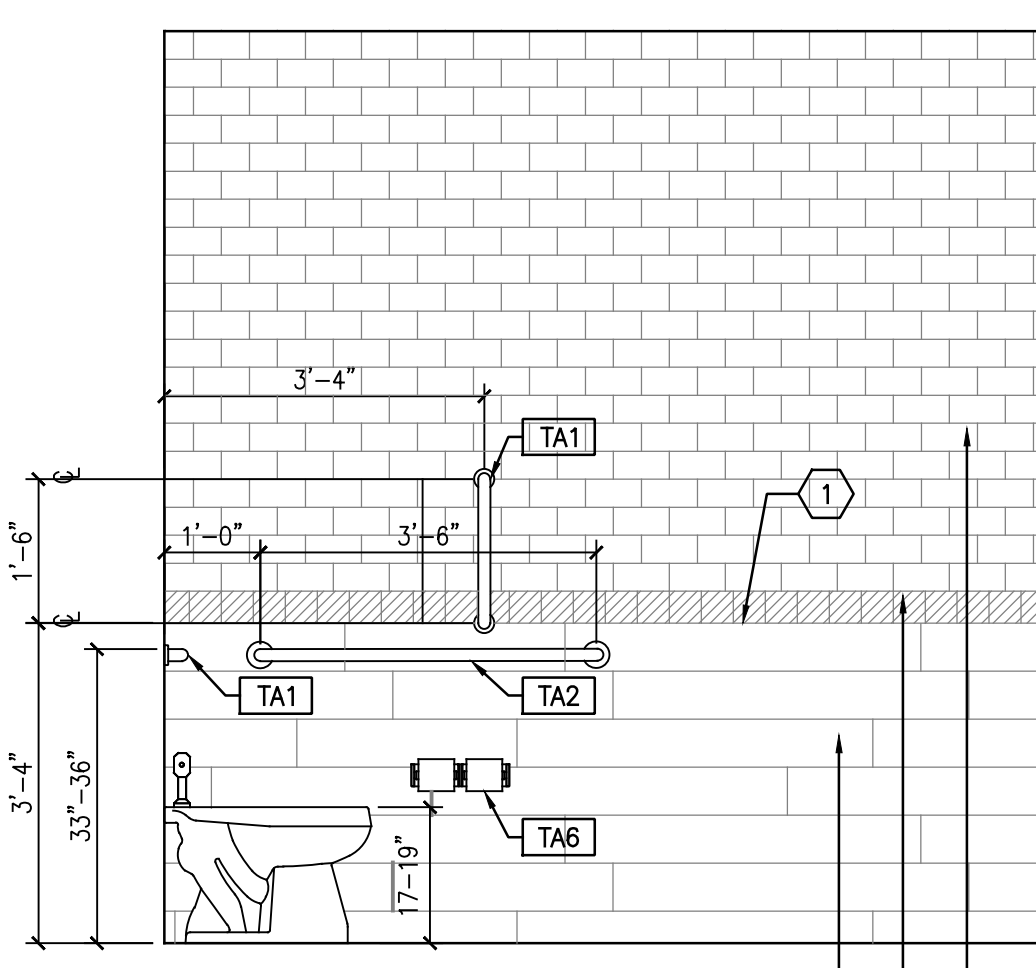
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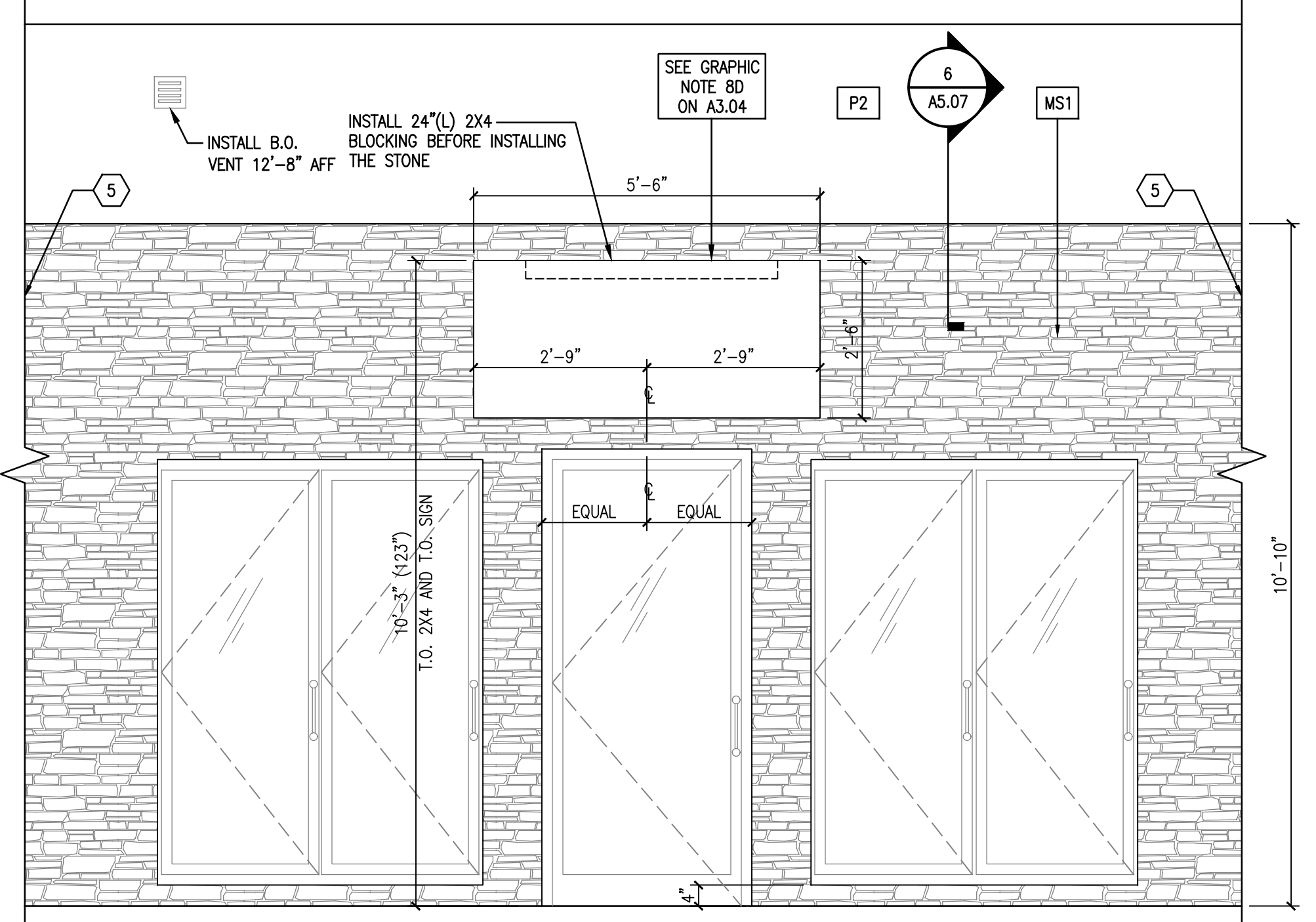
1 INTERIOR ELEVATION
A2.05 1/2" = 1'-0"



2 INTERIOR ELEVATION
A2.05 1/2" = 1'-0"



3 INTERIOR ELEVATION
A2.05 1/2" = 1'-0"



6 INTERIOR ELEVATION
A2.05 1/2" = 1'-0"

Toilet / Custodial Accessories Schedule

PLAN TAG	DESCRIPTION	MOUNTING TYPE		TOILET ACCESSORIES SCHEDULE REMARKS
		SURFACE	RECESSED	
TA1	36" GRAB BAR (HORIZONTAL)	●	—	—
TA2	42" GRAB BAR (HORIZONTAL)	●	—	—
TA3	18" GRAB BAR (VERTICAL)	●	—	—
TA4	TOILET PAPER DISPENSER	●	—	(OFCI) OWNER FURNISHED CONTRACTOR INSTALLED
TA5	SOAP DISPENSER	●	—	—
TA6	MIRROR 20"x36"	●	—	PROVIDE 2" STAINLESS STEEL FRAME
TA7	ROBE HOOK	●	—	INSTALL CENTERED WITHIN DOOR
TA9	PAPER TOWEL DISPENSER	●	—	—

GENERAL:

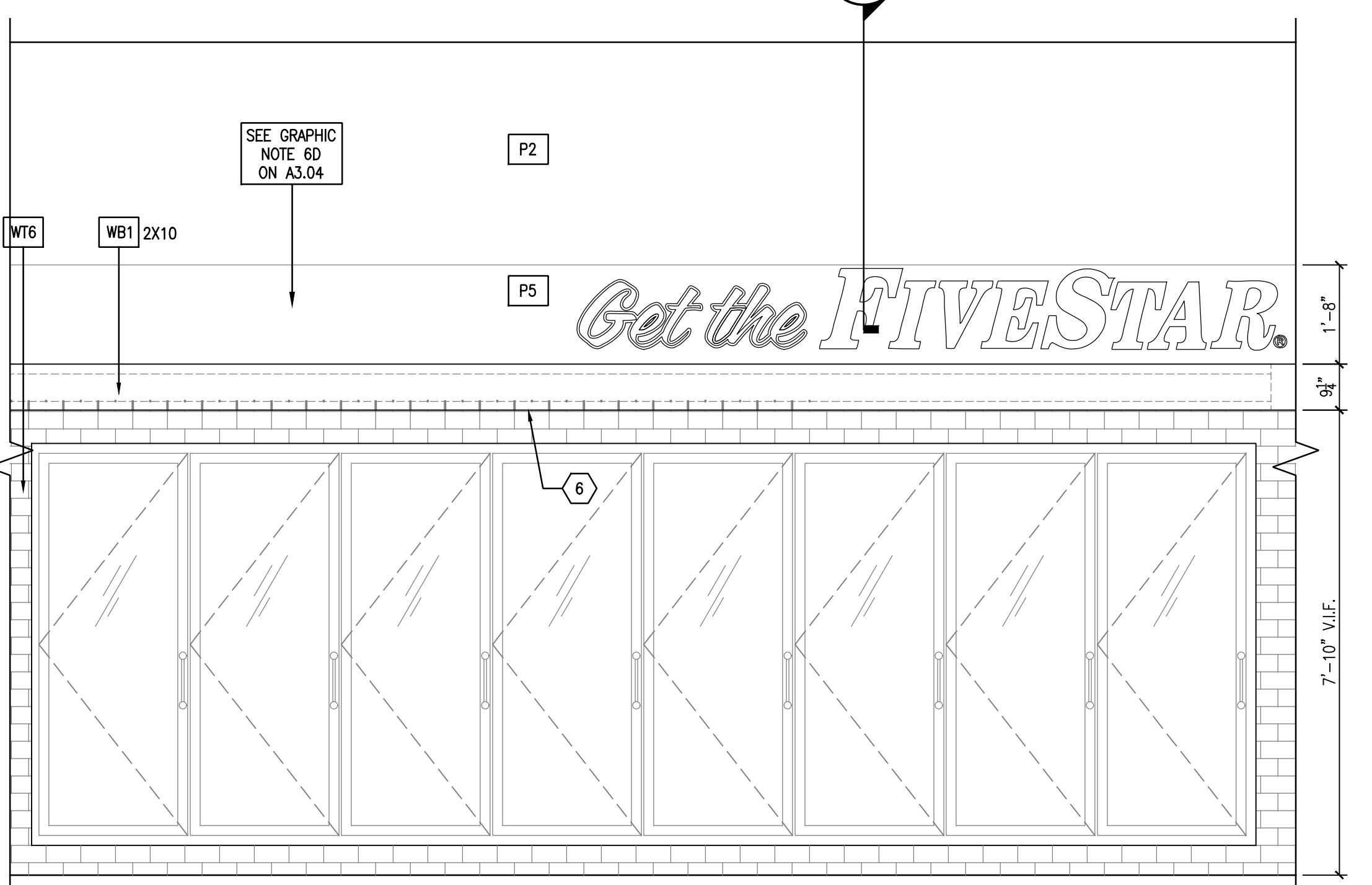
- INSTALL TOILET ACCESSORIES PER ADA REQUIREMENTS
- OFCI - OWNER FURNISHED CONTRACTOR INSTALLED
- EXAMINE SUBSTRATES AND AREAS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE OF THE WORK. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

GENERAL NOTES

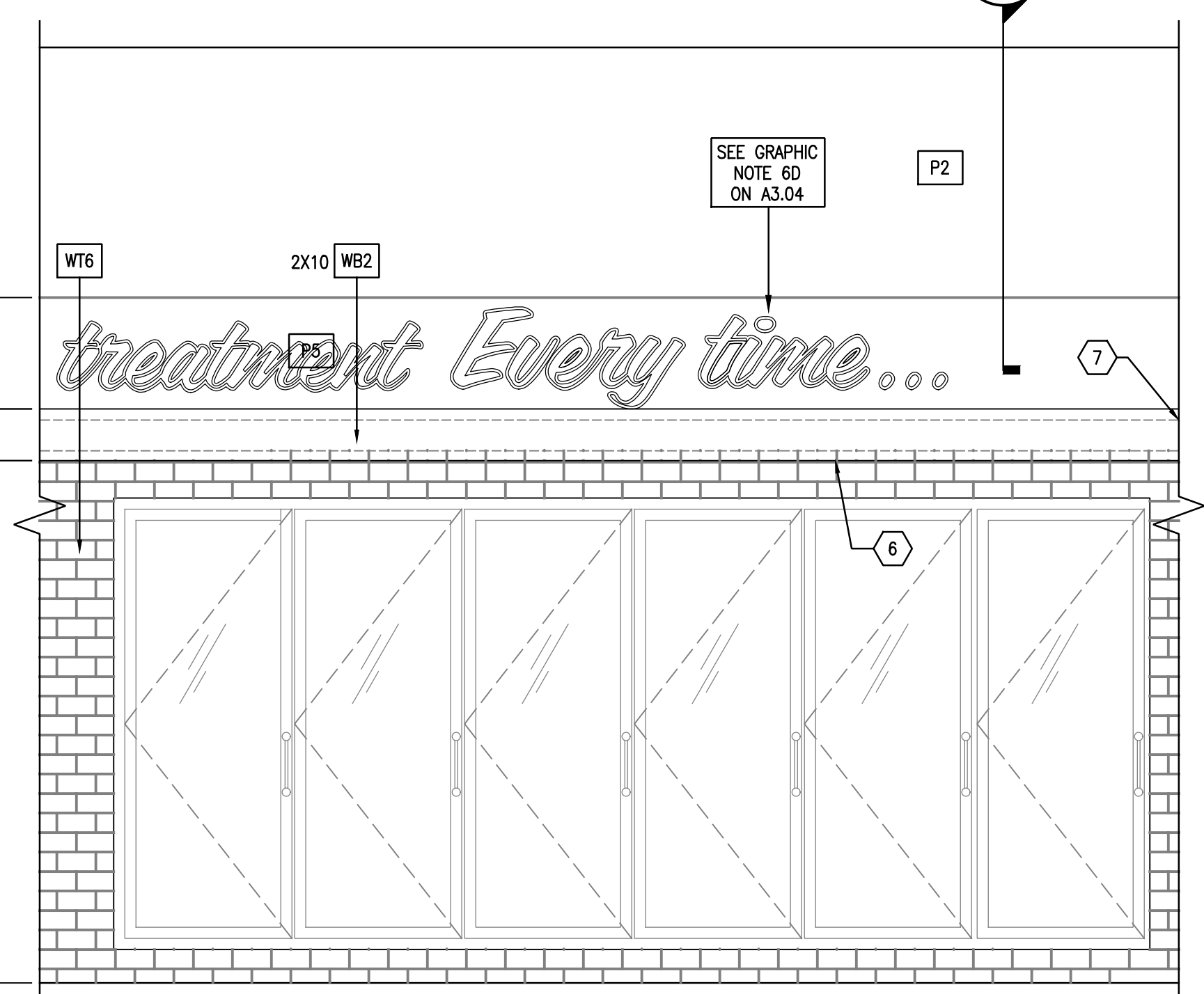
- REFER TO SHEETS A1.01 AND A2.01 'GENERAL NOTES'
- REFER TO SHEET A2.01 'EXTERIOR FINISH SCHEDULE'

SHEET KEYNOTES

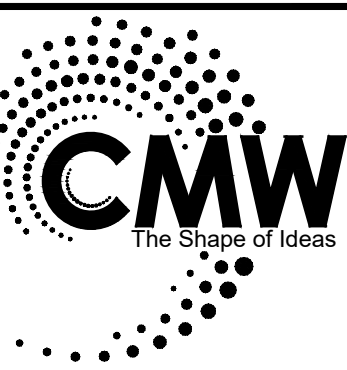
- PROVIDE AND INSTALL RONDEC MTL TRIM AT TOP OF LOWER TILE, TYP.
- NOT USED
- HOLD BOTTOM OF DIVIDER WALL 12" ABOVE FLOOR AND TILE BOTTOM
- NOT USED
- EDGE STONE SHALL BE CUT CORNER STONES
- 2X10 CEDAR OVER 2X6 PINE, PAINT BOTTOM PINE REVEAL. 2X6 SHALL BUTT TO FULL TILE. REFER TO DETAIL 7/A5.07.
- MITER END OF 2X10 AND RETURN TO WALL
- INSULATE / COVER WATER SUPPLY AND DRAIN PIPES BENEATH LAVATORY PER ADA REQUIREMENTS
- PROVIDE WOOD BLOCKING @ WALL BEHIND VANITY FROM T.O. CONCRETE FLOOR TO T.O. FAUCET - TYP.



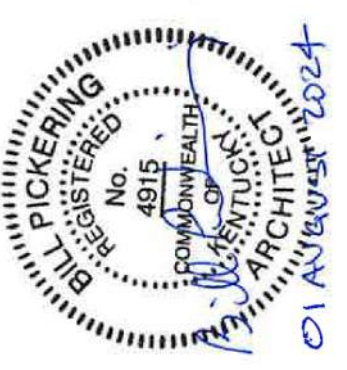
4 INTERIOR ELEVATION
A2.05 1/2" = 1'-0"



5 INTERIOR ELEVATION
A2.05 1/2" = 1'-0"



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BRANDENBURG, KY

CONSTRUCTION DOCUMENTS

Issue Date:	August 1, 2024
Drawn By:	JMT
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Revisions:	
Mark	Date
AHJ SEAL	

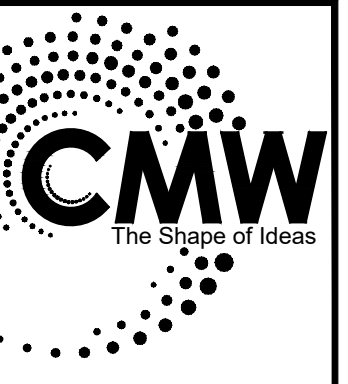
Project Number
23058.01

A2.05

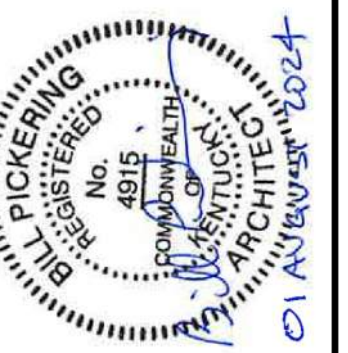
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GENERAL NOTES

- A. REFER TO SHEETS A1.01 'GENERAL NOTES'
- B. REFER TO SHEET A2.05 'SHEET KEYNOTES' AND 'TOILET / CUSTODIAL ACCESSORIES SCHEDULE'



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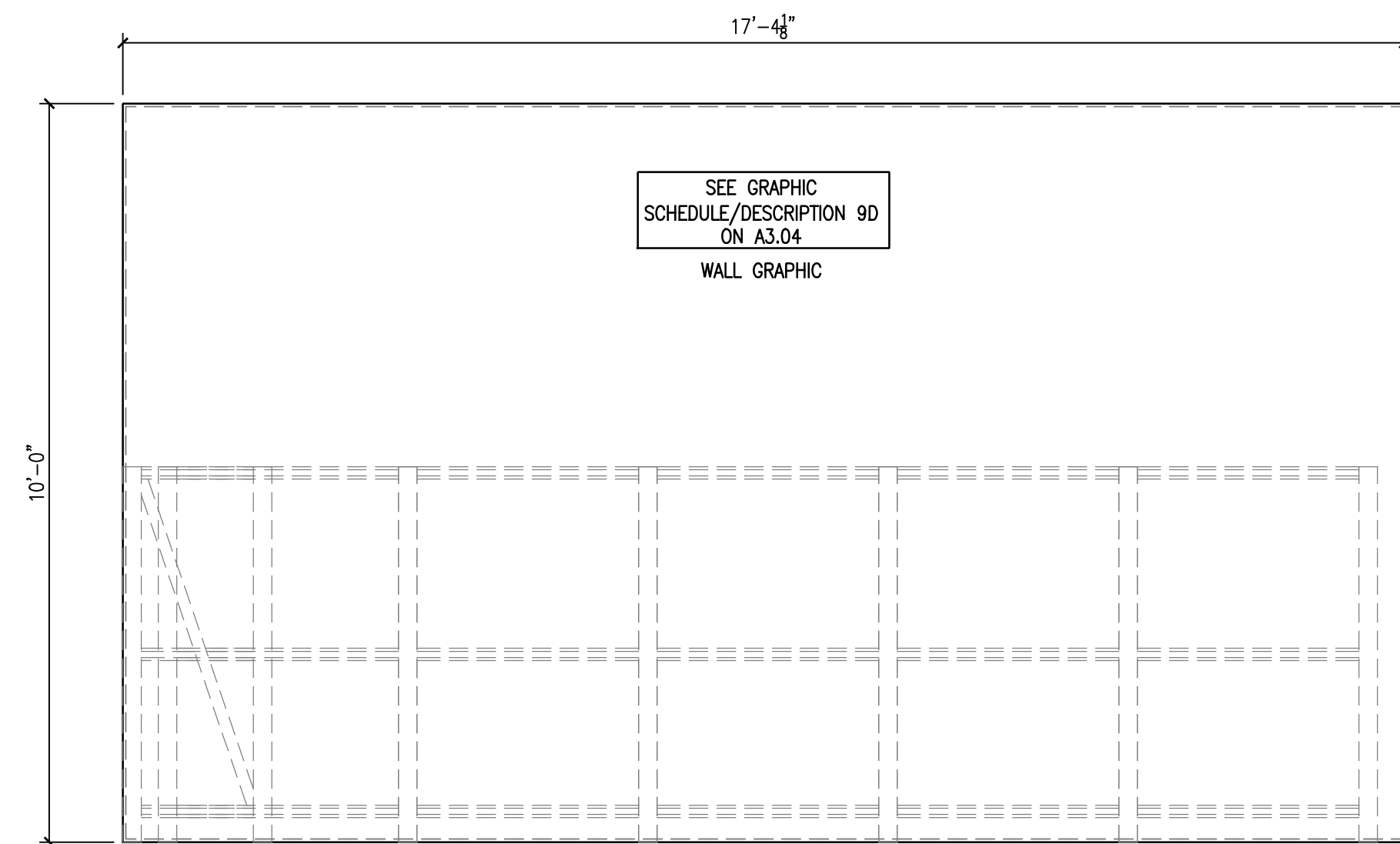
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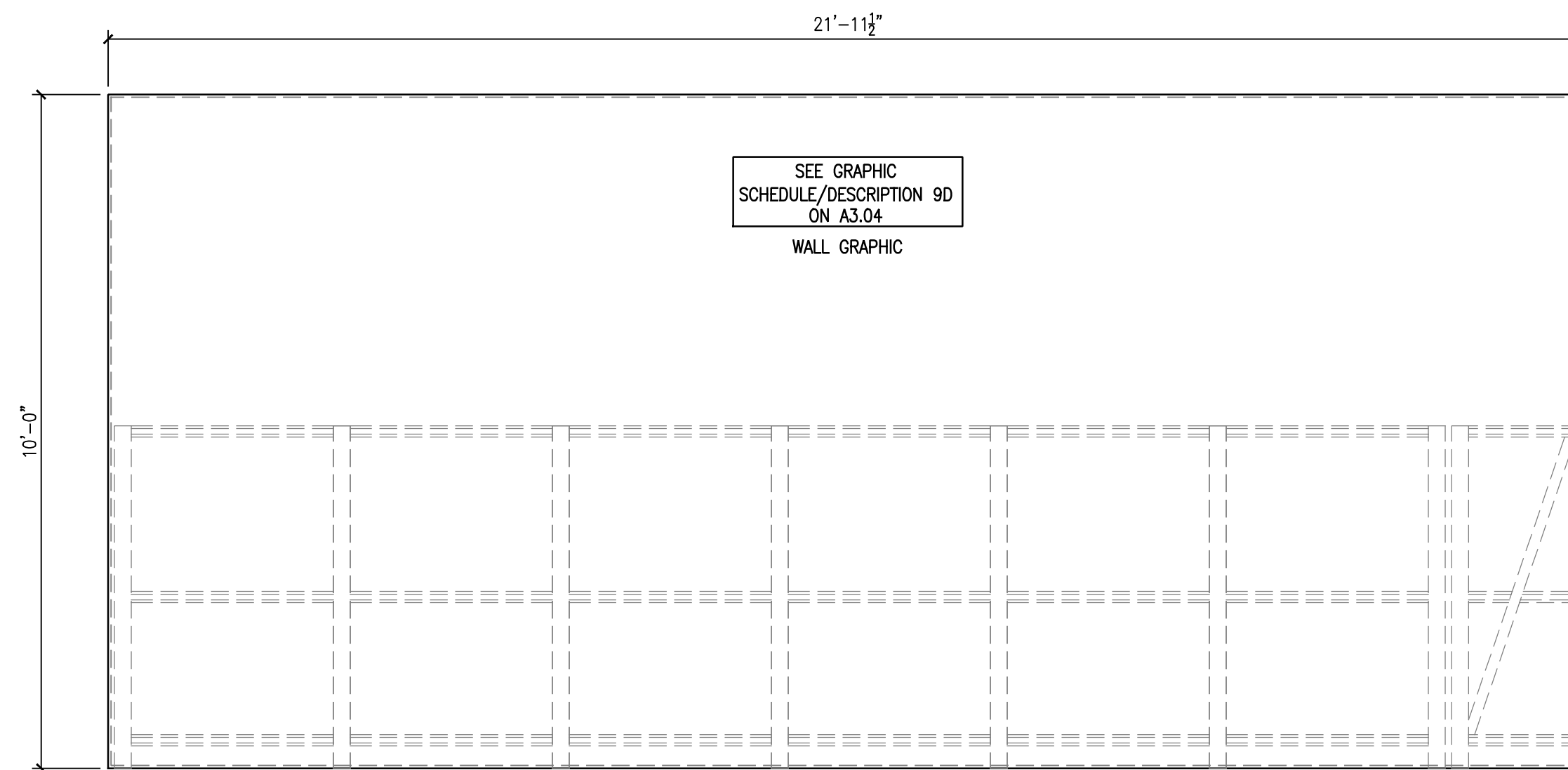
Mark _____ Date _____
AHJ SEAL

Project Number
23058.01

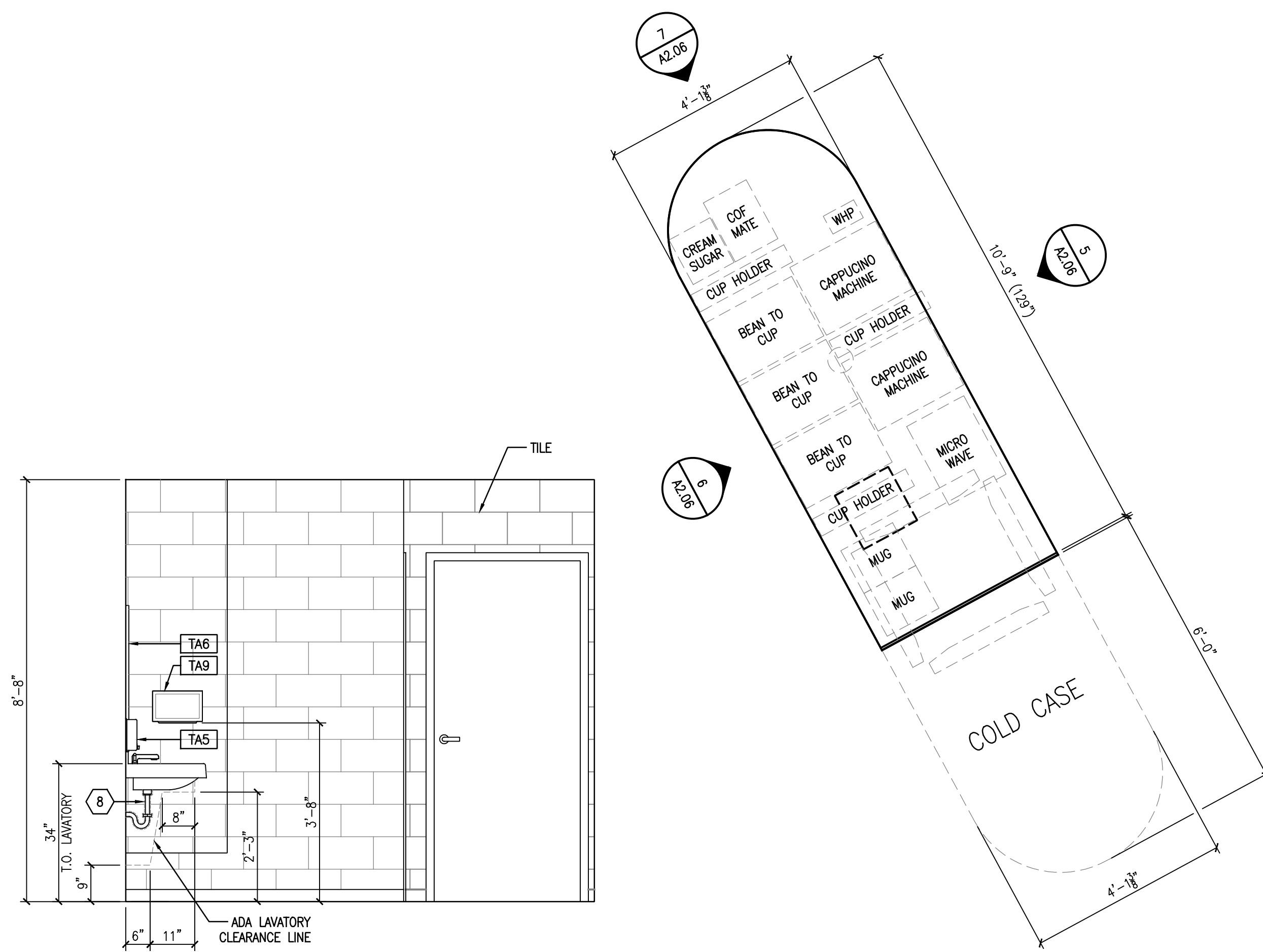
A2.06



1 INTERIOR ELEVATION
A2.06 1/2" = 1'-0"

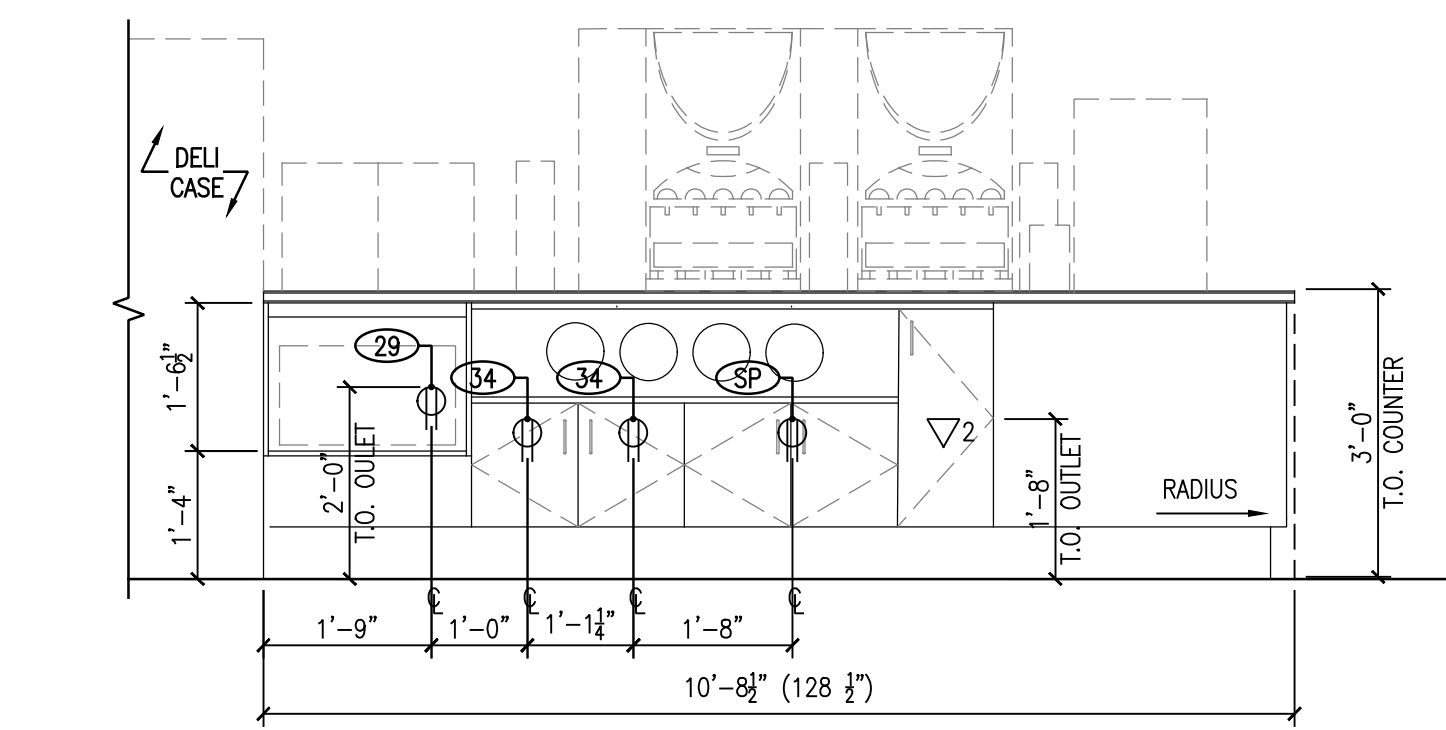


2 INTERIOR ELEVATION
A2.06 1/2" = 1'-0"

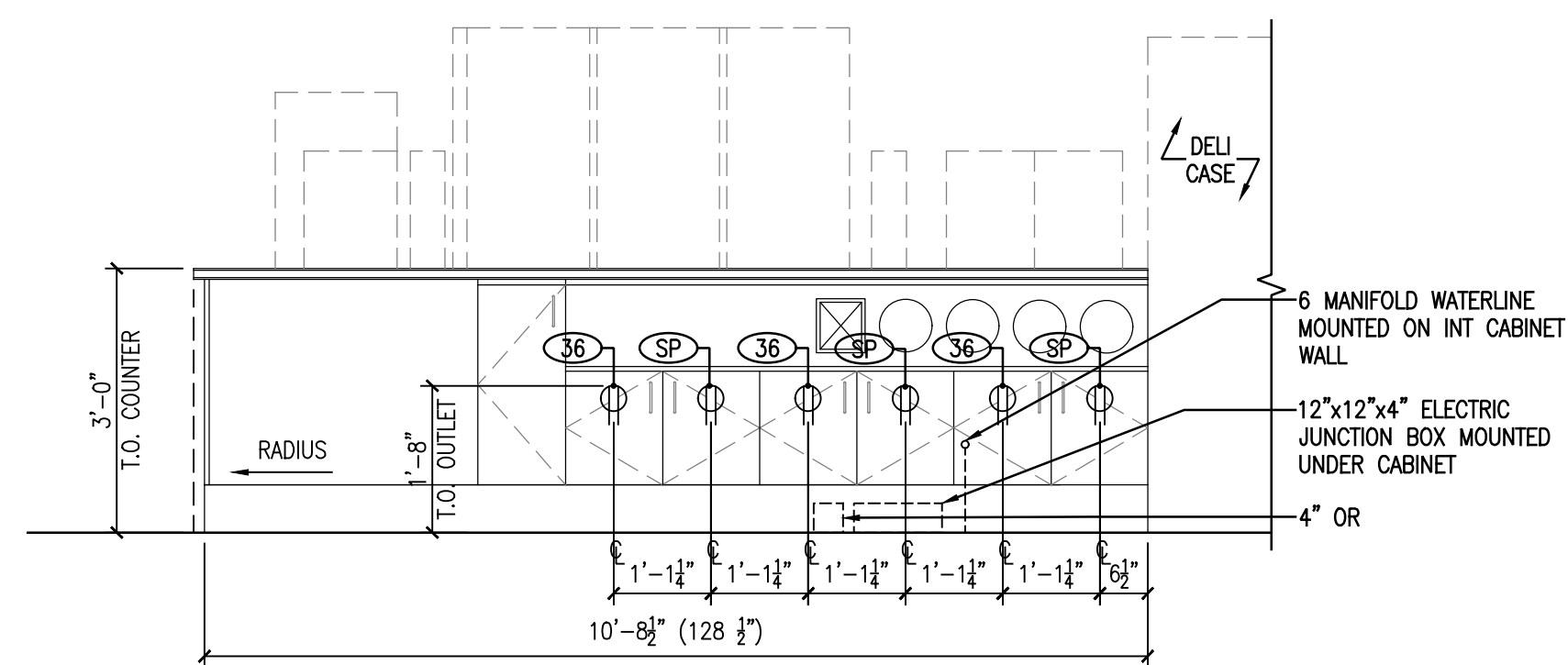


3 ADA REQUIREMENTS
A2.06 1/2" = 1'-0"

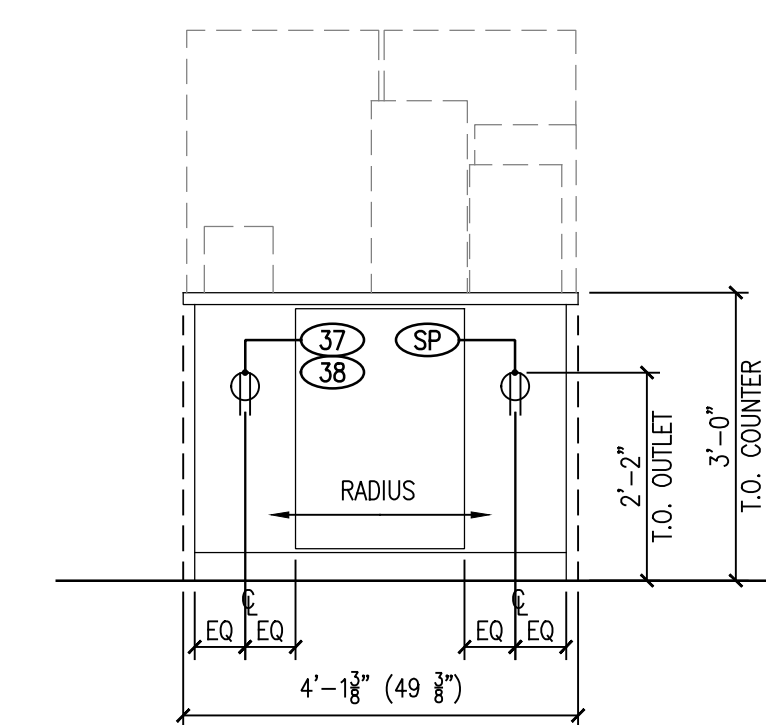
4 ENLARGED ISLAND PLAN
A2.06 1/2" = 1'-0"



5 ISLAND ELEVATION
A2.06 1/2" = 1'-0"

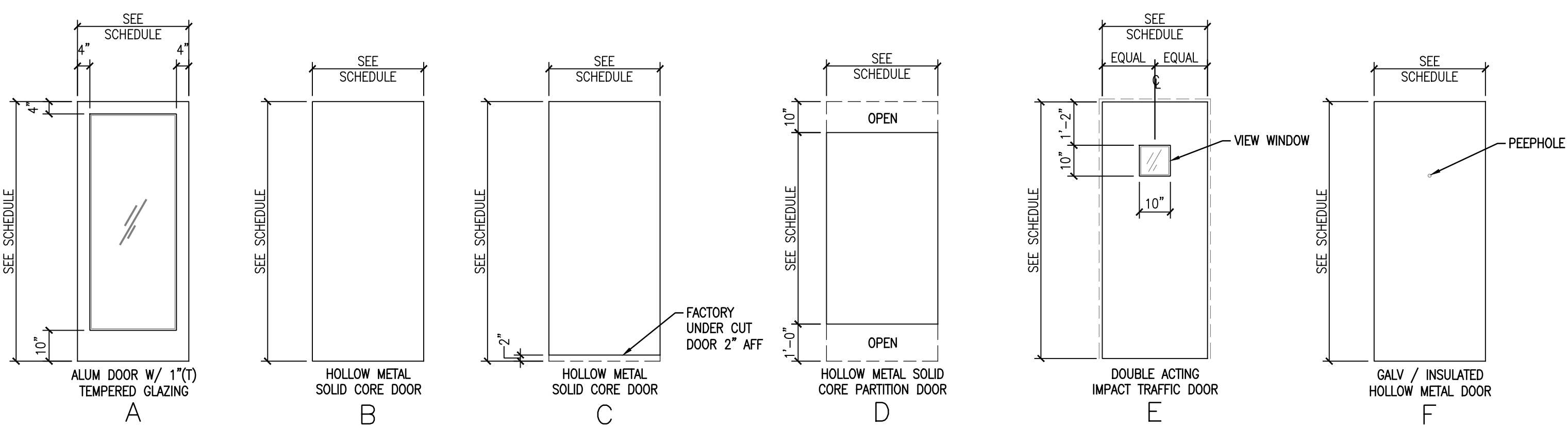


6 ISLAND ELEVATION
A2.06 1/2" = 1'-0"

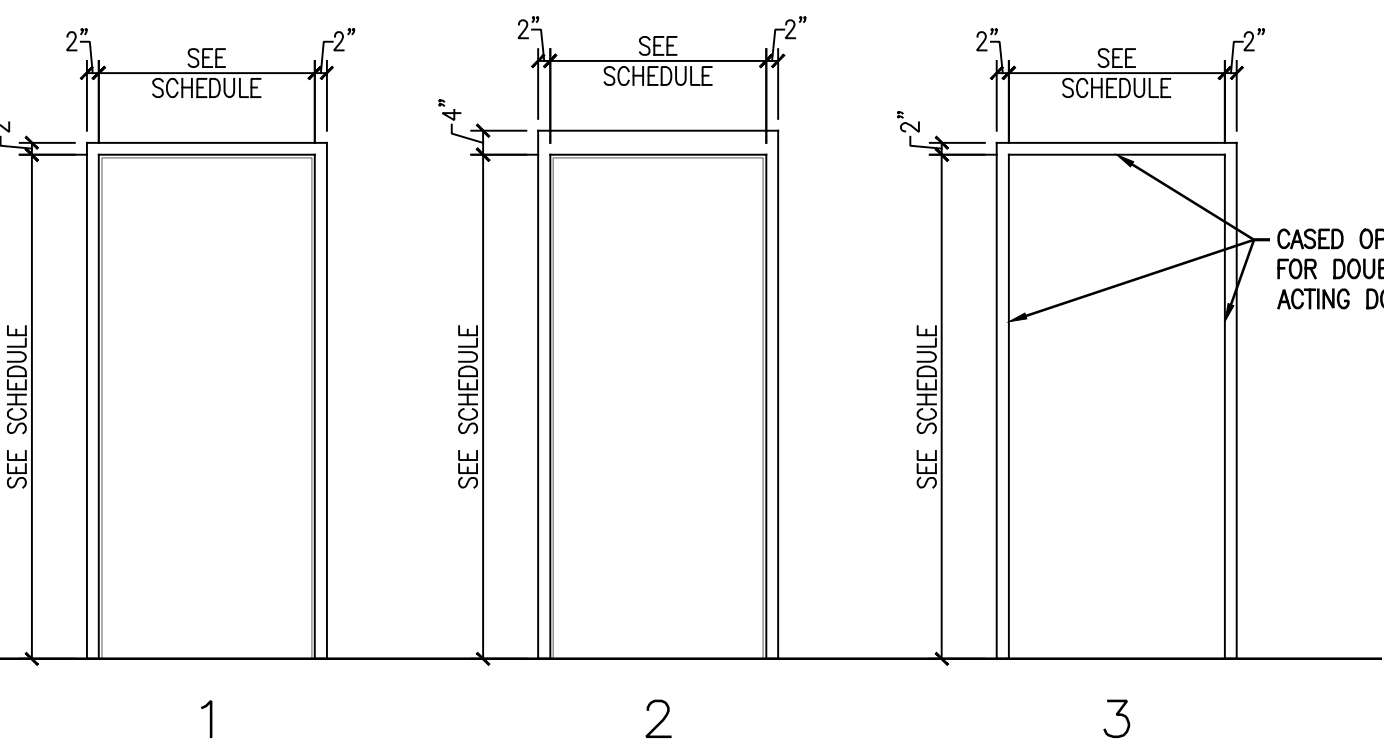


7 ISLAND ELEVATION
A2.06 1/2" = 1'-0"

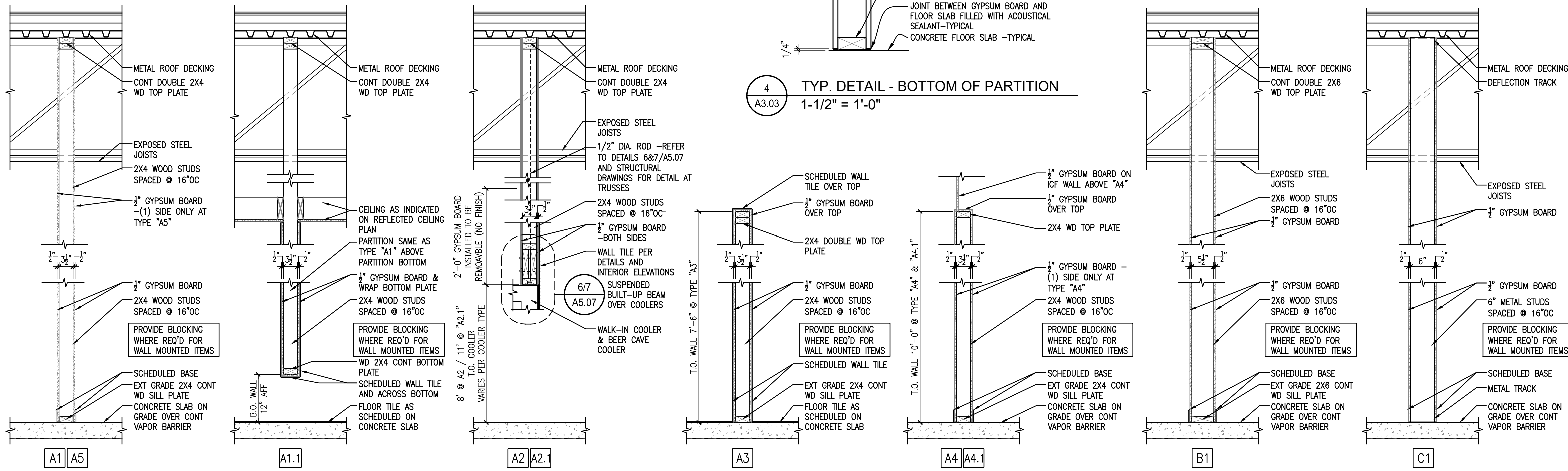
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2 DOOR ELEVATIONS
A3.03 3/8" = 1'-0"



3 DOOR FRAME ELEVATIONS
A3.03 3/8" = 1'-0"



1 PARTITION DETAILS
A3.03 3/4" = 1'-0"

DOOR AND FRAME SCHEDULE

DOOR NO.	ROOM NO.	SIZE	DOORS				FRAMES				DETAILS				DOOR NO.	
			MATERIAL	TYPE	CORE	FINISH	MATERIAL	TYPE	FINISH	DEPTH	HEAD	JAMB	SILL	RATING		
101	100 VESTIBULE	3'-0" x 7'-0" x 1 3/4"	ALUM	A	-	ANOD	ALUM	3/4x2.04	ANOD	4 1/2"	-	-	-	-	1:15:18	101
102	100 VESTIBULE	3'-0" x 7'-0" x 1 3/4"	ALUM	A	-	ANOD	ALUM	3/4x2.04	ANOD	4 1/2"	-	-	-	-	2:15:18	102
103	100 VESTIBULE	3'-0" x 7'-0" x 1 3/4"	ALUM	A	-	ANOD	ALUM	3/4x2.04	ANOD	4 1/2"	-	-	-	-	1:15:18	103
104	100 VESTIBULE	3'-0" x 7'-0" x 1 3/4"	ALUM	A	-	ANOD	ALUM	3/4x2.04	ANOD	4 1/2"	-	-	-	-	2:15:18	104
-	-	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
107	102 DELI	3'-0" x 7'-0" CASED OPENING	ALUM	E	-	ANOD	HM	3	PT	5 1/2"	-	-	-	-	4	107
108	102 DELI	3'-0" x 7'-0" CASED OPENING	ALUM	E	-	ANOD	HM	3	PT	5 1/2"	-	-	-	-	4	108
108A	108A STORAGE	3'-0" x 7'-0" x 1 3/4"	HM	B	-	PT	HM	1	PT	5 1/2"	-	-	-	-	-	108A
109	103 OFFICE	3'-0" x 7'-0" x 1 3/4"	HM	B	-	PT	HM	1	PT	5 1/2"	-	-	-	-	TRLOGY	5
110	103A OFFICE CLOSET	2'-0" x 7'-0" x 1 3/4"	HM	C	-	PT	HM	1	PT	5 1/2"	-	-	-	-	6:17	110
111	111 DISHWASHING	3'-6" x 7'-0" x 1 3/4"	GALV HM	F	-	PT	GALV HM	2	PT	8 1/2"	-	-	-	-	13	111
112	112 UTILITY ROOM	3'-0" x 7'-0" x 1 3/4"	HM	B	-	PT	HM	1	PT	5 1/2"	-	-	-	-	TRLOGY	5:16
113	104 ELECTRICAL ROOM	3'-0" x 7'-0" x 1 3/4"	HM	C	-	PT	HM	1	PT	5 1/2"	-	-	-	-	16:19	113
-	-	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
114	107 WOMENS RESTROOM	3'-0" x 6'-8" x 1 3/4"	HM	D	-	PT	HM	1	PT	5 1/2"	-	-	-	-	10	114
115	107 WOMENS RESTROOM	2'-4" x 6'-8" x 1 3/4"	HM	D	-	PT	HM	1	PT	5 1/2"	-	-	-	-	9	115
116	107 WOMENS RESTROOM	2'-4" x 6'-8" x 1 3/4"	HM	D	-	PT	HM	1	PT	5 1/2"	-	-	-	-	9	116
-	-	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
119	109 MENS RESTROOM	2'-4" x 6'-8" x 1 3/4"	HM	D	-	PT	HM	1	PT	5 1/2"	-	-	-	-	9	119
120	109 MENS RESTROOM	3'-0" x 6'-8" x 1 3/4"	HM	D	-	PT	HM	1	PT	5 1/2"	-	-	-	-	10	120
121	110 STORAGE	3'-0" x 7'-0" x 1 3/4" (PAIR)	GALV HM	F	INSUL	PT	GALV HM	1	PT	-	-	-	-	-	13:14	121
122	110 STORAGE	3'-0" x 7'-0" x 1 3/4"	HM	B/F	-	PT	HM	1	PT	5 1/2"	-	-	-	-	12	122
123	106 HALLWAY	3'-0" x 7'-0" x 1 3/4"	HM	B	-	PT	HM	1	PT	5 1/2"	-	-	-	-	8	123

- DOOR AND FRAME SCHEDULE REMARKS:
- HARDWARE BY DOOR MANF - CLEAR ANODIZED ALUMINUM PUSH BAR ON PUSH SIDE OF "OUT DOOR" - REFER TO NOTES FOR ADDITIONAL HARDWARE
 - HARDWARE BY DOOR MANF - CLEAR ANODIZED ALUMINUM PUSH BAR ON PUSH SIDE OF "IN DOOR" - REFER TO NOTES FOR ADDITIONAL HARDWARE
 - HARDWARE BY DOOR MANF - CLEAR ANODIZED ALUMINUM PANIC DEVICE - REFER TO NOTES FOR ADDITIONAL HARDWARE
 - ELIASON DOOR
 - LEVER, TRILOGY LOCK, HINGES, WALL STOP
 - LEVER, LOCK, PICK GUARD, HINGES, WALL STOP, UNDERCUT DOOR 1"
 - PANIC DEVICE, HINGES, CLOSER INSIDE, FLOOR STOP
 - LEVER, LOCK, HINGES, CLOSER INSIDE, WALL STOP, FULL HEIGHT AND WIDTH STAINLESS STEEL DOOR PROTECTION PLATE ON PUSH SIDE
 - OCCUPIED / UNOCCUPIED DEADBOLT, PUSH / PULL DRILLED TO ACCOMMODATED DEADBOLT, HINGES
 - OCCUPIED / UNOCCUPIED DEADBOLT, PUSH / PULL DRILLED TO ACCOMMODATED DEADBOLT, (1) HINGE, (1) SPRING HINGE
 - PASSAGE LEVER SET, HINGES, CLOSER WITH 90 DEG STOP AND MOUNTED INSIDE CLOSET
 - PULL, CLOSER INSIDE, HINGES, CLOSER STOP AT 110 DEG, FULL HEIGHT AND WIDTH STAINLESS STEEL DOOR PROTECTION PLATE ON PUSH SIDE
 - GALVANIZED, INSULATED, PANIC DEVICE (NO HARDWARE ON OUTSIDE), SCREW ON WEATHER STRIPPING & SWEEP, THRESHOLD, PEEP HOLE, HINGES, CLOSER, 4" HEAD
 - DOOR 121 SHALL HAVE A THRESHOLD, PEEP HOLE, PICK GUARD AND WEATHER STRIPPING
 - DOORS 101, 102, 103 AND 104 SHALL BE KEYPED ALIKE. PUSH BAR ON IN AND OUT
 - DOORS 112 AND 113 SHALL BE KEYPED ALIKE
 - DOOR 110 OFFICE CLOSET SHALL BE KEYPED SEPARATELY
 - HARDWARE FOR ALUM. DOORS 101, 102, 103, 104 AND 105 PROVIDED BY MANUFACTURER. HINGES (1 1/2" PAIR OF BUTT HINGES FOR DOOR 105, CONTINUOUS HINGES FOR DOORS 101, 102, 103 AND 104), DEADLOCK, WITH 5 PIN CYLINDER (KEYED ALIKE), (BOTH SIDES, KBC 1010.1.9.3), GRADE 1, ADA CLOSER, WITH ADJUSTABLE SPRING TENSION, ADA THRESHOLDS (GROUTED SOLID), WEATHER STRIP, & BOTTOM RAIL SWEEP. REFER TO SCHEDULE FOR PUSH BARS AND PANIC DEVICE. NO PULLS ON ALUM DOORS.
 - LEVER, HINGES, WALL STOP

DOOR & FRAME SCHEDULE GENERAL NOTES

- GLASS SHALL BE TEMPERED WHERE REQUIRED BY CODE
- VERIFY ALL WALL DEPTHS, REQUIRED FRAME DEPTHS AND FRAME DIMENSIONS IN THE FIELD
- ALL DOORS SHALL HAVE 3 HINGES EXCEPT FOR ENTRANCE DOORS, REFER TO NOTES BELOW
- ALL HINGES ARE BALL BEARING
- ALL CLOSURES ARE MEDIUM DUTY
- ALL LEVER SETS ARE MEDIUM DUTY
- DOOR HARDWARE SHALL MEET HANDICAP REQUIREMENTS
- ALL DOORS SHALL HAVE DOOR SILENCERS AND DOOR STOPS INCLUDING RESTROOM STALL DOORS.
- NOTE: WHILE BUILDING IS BEING OCCUPIED SIGN SHALL BE WITH 1" LETTERS HIGH THAT READS: "THIS DOOR IS TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED"
- CLOSERS ON DOORS INTO STORAGE AND RESTROOMS SHALL BE INSTALLED ON STORAGE AND RESTROOM SIDE SO THAT THEY ARE NOT VISIBLE FROM THE HALLWAY.

GENERAL NOTES

- REFER TO SHEETS A1.01 AND A2.01 "GENERAL NOTES"
- REFER TO SHEET A2.01 "EXTERIOR FINISH SCHEDULE"

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Professional Engineer Seal for Brandon Oil Co., LLC, No. 4915, State of Kentucky, Mechanical, Exp. 12/31/2024.

DOOR AND FRAME SCHEDULE
FiveStar #2000 - Brandenburg
NEWCOMB OIL CO., LLC
2121 BRANDENBURG RD
BRANDENBURG, KY

CONSTRUCTION DOCUMENTS

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AHJ SEAL	

Project Number
23058.01

A3.03

EXTERIOR FINISH SCHEDULE			
CODE	DESCRIPTION	COLOR / TYPE	MANUFACTURER NOTES
EX1	EXTERIOR BRICK	COLOR: CHARLESTON WELLINGTON TYPE: MODULAR BRICK	SIoux CITY
EX2	EXTERIOR BRICK	COLOR: WHITE PLAINS TYPE: MODULAR BRICK	SIoux CITY
EX3	METAL PARAPET CAP	COLOR: PATRIOT RED (METALLIC) TYPE: 24GA KYNAR FINISH	METAL SALES
EX4	METAL PARAPET CAP	COLOR: MYSTIC PLUS TYPE: 24GA KYNAR FINISH	METAL SALES
EX5	METAL ROOF "TEE PANEL" STANDING SEAM ROOF	COLOR: PATRIOT RED (METALLIC) TYPE: 24GA KYNAR FINISH	METAL SALES
EX6	METAL ROOF DECKING & D.S.(GRAY)	COLOR: PATRIOT RED (METALLIC) COLOR: MYSTIC PLUS	TENNESSEE VALLEY METALS GALVANIZED
EX7	ALUMINUM STOREFRONT	SEE A2.01 GENERAL NOTES	
EX8	ALUMINUM STOREFRONT	SEE A2.01 GENERAL NOTE 9	
EX9	SOFFIT PANEL	COLOR: GR50-KYNAR LINEN WHITE TYPE: V-GROOVE 12 (26GA)	METAL SALES
	GLAZING	SEE A2.01 GENERAL NOTES	
	INSULATED METAL PANEL	SEE A2.01 GENERAL NOTES	

INTERIOR FINISH SCHEDULE						
CODE	DESCRIPTION / LABEL	AREA / SUBSTRATE	COLOR	PRODUCT # / SERIES	MANF	CONTACT
EF1	EPOXY FLOOR	FLOORS	STANDARD COLOR	-	-	-
FRP-1	MARLITE AT 10'-0"	WALL COVERING	STANDARD COLOR	-	MARLITE	-
FRP-2	MARLITE AT 4'-0"	WALL COVERING	STANDARD COLOR	-	MARLITE	-
FT1	12"x12" PORCELAIN STONE TILE (BRCKWORK PATTERN) 3/16" GROUT LINES	VESTIBULE / SALES FLR / BEER CAVE / RR / STORAGE FLOORS	#VL78 ACCENT BROWN #145 LIGHT SMOKE SANDED GROUT	-	-	-
FT2	6"x24" PORCELAIN TILE 3/16" GROUT LINES	SALES FLR. / DELI FLOORS	#HH03 TEAK #59 SADDLE BROWN SANDED GROUT	COLORBODY	-	-
FT3	6X6 PAVER GROUT	-	0066 CHARCOAL STD 0096661P #145 LIGHT SMOKE GROUT	PLANKED DELUXE PEAR POLY BLEND PLUS	-	-
L1	PLASTIC LAMINATE ARTISAN FINISH	-	6206-43	-	FORMICA	1.800.FORMICA
L2	PLASTIC LAMINATE CASHMERE FINISH	-	P-260 CA	TATAMI SABI	ARBORITE	800.361.8712
L3	PLASTIC LAMINATE CASHMERE FINISH	-	P-354 CA	TATAMI KOKOA	ARBORITE	800.361.8712
MS1	MANUFACTURED STONE VENEER	-	DRY CREEK	STACKED STONE	ELDORADO STONE	800.925.1491
P1	SUPERPAINT INT. LATEX SATN / PRIMER	SALES FLR. & STORAGE ROOM WALLS / DRYWALL	SW7506 LOGGIA	A87W01151	SHERWIN WILLIAMS	-
P2	SUPERPAINT INT. LATEX SATN / PRIMER	ACCENT ABOVE COOLER WALL / DRYWALL	SW6221 MOODY BLUE	A87W01153	SHERWIN WILLIAMS	-
P3	SUPERPAINT INT. LATEX SATN / PRIMER	FRONT DOOR WALL / DRYWALL	SW7598 SIERRA REDWOOD	A87W01153	SHERWIN WILLIAMS	-
P4	PRO INDUST. PRECATAL. WATERBASED EPOXY EG-SHEL / FINISH	DOOR JAMBS / STEEL	SW7515 HOMESTEAD BROWN	B53T01154	SHERWIN WILLIAMS	-
P5	SUPERPAINT INT. LATEX SATN / PRIMER	ABOVE WALK-IN COOLER / DRYWALL	SW6395 ALCHEMY	A87W01153	SHERWIN WILLIAMS	-
P6	PRO INDUSTRIAL URETHANE ALKYD ENAMEL GLOSS / FINISH	EXTERIOR METAL DOORS / STEEL	SW7598 SIERRA REDWOOD	B54T01154	SHERWIN WILLIAMS	-
P7	CHB INTERIOR LATEX FLAT	CEILING DRYWALL	WHITE	B30WC4051	SHERWIN WILLIAMS	-
P8	WATERBOURNE ACRYLIC DRY FALL FLAT WHITE	CEILING OPEN AREA/GALVANIZED	WHITE	B42W00181	SHERWIN WILLIAMS	-
P9	PRO INDUSTRIAL URETHANE ALKYD ENAMEL GLOSS / FINISH	BATHROOM DOORS - STALL	SW7598 SIERRA REDWOOD	B54T01154	SHERWIN WILLIAMS	-
P10	PRO INDUSTRIAL URETHANE ALKYD ENAMEL GLOSS / FINISH	AC TRUCK LINES - PRIMER	WHITE	B66W310	SHERWIN WILLIAMS	-
P11	PRO INDUSTRIAL URETHANE ALKYD ENAMEL GLOSS / FINISH	AC TRUCK LINES - FINISH	WHITE	K46W01151	SHERWIN WILLIAMS	-
	M-1 ADVANCED MILDEW TREATMENT	-	CLEAR	78908M	SHERWIN WILLIAMS	-
SS1	1/2" SOLID SURFACING	-	SERENE SAGE	TERRA	CORIAN	800.426.7426
WB1	6 X 10, 2 X 10 & 4 X 10 WOOD BEAMS	-	CLEAR SEALER	710520000	SHERWIN WILLIAMS	BY GENERAL CONTRACTOR
WT1	4 X 4 GLAZED PORCELAIN CERAMIC TILE	WALL TILE	G093 FIREBRICK	145 LIGHT SMOKE	DALTILE	-
WT2	4 X 4 GLAZED PORCELAIN CERAMIC TILE	WALL TILE	0190 ARCTIC WHITE	145 LIGHT SMOKE	DALTILE	-
WT3	4 X 8 GLAZED PORCELAIN CERAMIC TILE	WALL TILE	0190 MOD ARCTIC WHITE	145 LIGHT SMOKE	DALTILE	-
WT4	9/16" FRED BRICK FLATS	WALL TILE	410 LINCOLN HERITAGE	543 DRIFTWOOD	EVOLUTION BRICK	-
WT5	6 X 36 COLORBODY PORCELAIN TILE	WALL/FLOOR TILE	HH03 TEAK	145 LIGHT SMOKE	DALTILE	-
WT6	4 X 8 GLAZED PORCELAIN TILE	WALL TILE	CUSTOM COLOR-QTC1481P 4x8 QTO1	09 NATURAL GREY	DALTILE	-
WT7	12 X 12 COLORBODY PORCELAIN TILE	COVE BASE TILE	VL78 ACCENT BROWN	145 LIGHT SMOKE	DALTILE	-
WT8	NOT USED	-	-	-	-	-
WT9	FINISHING & EDGE-PROTECTION PROFILES	WALLS ALL HIGH ABUSE CORNERS W/ TILE	SATN NICKEL / ANODIZED ALUM SATN NICKEL / ANODIZED ALUM	DESIGNLINE 1/4" RONDEC 1/4"	SCHLUTER SYSTEMS SCHLUTER SYSTEMS	1.800.472.4588 1.800.472.4588

GRAPHICS SCHEDULE / DESCRIPTION (OPCI)	
CODE	DESCRIPTION (REFER TO INTERIOR RENDERINGS FOR OVERALL GRAPHIC APPEARANCE)
1D	FIVE STAR SIGN: THE TEXT IS TO BE 1" DIMENSIONAL TEXT & BACKLIT IN WHITE LED HALO LIGHTING. THE TEXT IS TO BE PAINTED ON ALL SIDES.
2D	NOT USED
3D	COFFEE BREW SIGNGRAPHIC: THE BACKGROUND CIRCLE IS TO BE HUNG FROM THE CEILING BY A CHAIN LINK. THE "COFFEE BREW" TEXT IS TO BE BACKLIT IN RED LED HALO. THE CUP IS TO BE 3D AND PROTRUDING FROM THE CIRCLE.
4D	FREEZE & FOUNTAIN SIGN: THE BACKGROUND BAND IS TO BE A BRUSHED STAINLESS STEEL METAL. THE "FREEZE & FOUNTAIN" TEXT ARE TO BE BACKLIT IN BLUE LED HALO LIGHTING.
5D	RESTROOM "MENS", & "WOMENS" SIGNS: THE "RESTROOM" TEXT IS TO BE 1/2" THICK DIMENSIONAL & PAINTED ON ALL SIDES. THE MENS & WOMENS TEXT IS TO BE 1/4" THICK DIMENSIONAL AND FACED IN A BRUSHED STAINLESS STEEL LAMINATE.
6D	"GET THE FIVE STAR TREATMENT... EVERY TIME" SIGN: THE TEXT IS TO BE 2" THICK DIMENSIONAL TEXT AND PAINTED ON ALL SIDES. THE LETTERS ARE TO BE BACKLIT IN YELLOW LED HALO LIGHTING.
7D	"ATM" SIGN: THE TEXT IS TO BE 1/2" THICK DIMENSIONAL TEXT AND OUTLINED IN BRUSHED STAINLESS STEEL. NOTE: NOT IN ELEVATIONS - TO BE PROVIDED AS NECESSARY. BY OWNER.
8D	"THE BEER CAVE" SIGNGRAPHIC: THE BACKGROUND OVAL IS TO BE MADE OF BRUSHED STAINLESS STEEL (OR ALUMINUM). "THE BEER CAVE" TEXT IS TO BE 2" THICK DIMENSIONAL TEXT AND PAINTED ON ALL SIDES. THE 3 SNOW FLAKES ARE TO BE AT 3 DIFFERENT DEPTHS AND THE ARE TO HAVE BLUE LED HALO LIGHTING PLACED BEHIND EACH INDIVIDUAL CIRCLE.
9D	ICE WALL GRAPHIC: IS TO BE A DIGITALLY PRINTED WALL GRAPHIC WRAP TO BE APPLIED TO THE INTERIOR WALLS OF THE BEER CAVE. MAKE SURE ALL ASSEMBLY ELEMENTS ARE ADAPTABLE FOR CONSTANT COLD TEMPERATURES.

GENERAL NOTES

- REFER TO SHEETS A1.01 AND A2.01 'GENERAL NOTES'
- REFER TO SHEET A2.01 'EXTERIOR FINISH SCHEDULE'

INTERIOR FINISH NOTES

- ROUTE ALL ELECTRICAL COMPONENTS TO DECORATIVE LIGHTING OUT OF CUSTOMER'S VIEW.
- ALUMINUM KICK PLATES AT BOTH THE INSIDE AND OUTSIDE OF REST ROOM DOORS (BY OWNER)
- ALL FIXTURES ON DOORS TO BE US26D DULL CHROMIUM, UNLESS OTHERWISE SPECIFIED.
- MAIN SALES CABINET TO BE FINISHED IN (L1) ON EMPLOYEE SERVICE SIDE AND SUPPORT AREAS.
- COOLER DOORS TO BE FACTORY FINISHED BLACK FRAMES.
- SALES FLOOR GONDOLAS TO BE FACTORY FINISHED BLACK.
- ALL FLOOR TILE GROUT TO HAVE "GROUT BOOST."
- EXPOSED DUCTWORK MUST BE PRIMED AND PAINTED BEFORE CEILING IS PAINTED.
- CONTRACTOR SHALL CAULK DOOR JAMBS INSIDE RESTROOMS WITH SANDED CAULK PROVIDED BY LOUISVILLE TILE. ALL OTHER DOOR JAMBS AND MARLITE TO BE CAULKED WITH SHERWIN WILLIAMS POWER HOUSE 60 YR. COLOR: TO MATCH GROUT
- ALL GYPSUM BOARD WALLS SHALL BE PAINTED.
- PAINT EXPOSED STRUCTURE.
- PROVIDE AND INSTALL RONDEC MTL TRIM AT ALL OUTSIDE TILE CORNERS AND WHERE NOTED ON INTERIOR ELEVATIONS.
- "GROUT BOOST" TO BE USED TO MIX GROUT INSTEAD OF WATER.
- ALL EXTERIOR BOLLARDS SHALL BE PAINTED BY NEWCOMB OIL CO.
- INSTALL WHITE CAULK AT ALL WALL TO CEILING JOINTS.
- TOP OF "WTS" TILE SHALL BE APPROXIMATELY 41" ABOVE FINISH FLOOR TO PREVENT THIN CUT TILE AT FLOOR AND CEILING. THE 41" DIMENSION CAN BE CAULKED SLIGHTLY TO ACHIEVE NO LESS THAN HALF A TILE AT THE FLOOR AND CEILING.

EXTERIOR FINISH NOTES

- PROVIDE MATERIAL COLOR & FINISH SAMPLES FOR APPROVAL (BY OWNER)
- PROVIDE LOW WEEP VENTS IN VENEER MASONRY, 24" O.C. MAX. USE 3/8" HONEYCOMB VENT
- MASONRY EXPANSION JOINTS: PROVIDE SANDED SEALANT (MATCH MORTAR) W/ COMPRESSIBLE BACKER. SEALANT TO COMPLY W/ ASTM C290, CLASS 50 SPECIFICATIONS.
- SIGNAGE: COORDINATE SIGN SIZE, POWER REQUIREMENTS, AND LAYOUT WITH SUPPLIER PRIOR TO INSTALLATION OF STOREFRONT.
- CANOPY: REFER TO STRUCTURAL FOR REQUIRED LOADING, CANOPY & DOWNSPOUTS SHOWN FOR REFERENCE. FINAL DESIGN & DETAILING BY CANOPY SUPPLIER. SUBMIT TO OWNER FOR APPROVAL.
- ALL DOWNSPOUTS TO BE SLEEVED AND ROUTED BELOW GRADE. COORDINATE WITH CIVIL FOR COLLECTION AND MANAGEMENT OF WATER ON SITE.
- GUTTERS SHALL BE TESTED FOR LEAKS BY DAMMING ALL DOWNSPOUTS AND FILLING GUTTERS WITH 2" (APPROX.) OF WATER.
- REFER TO FINISH SCHEDULE FOR HM DOOR AND FRAME PAINT COLORS.
- BOTTOM ALUMINUM SILL SHALL MEASURE 4-13/16" INSTEAD OF 2-1/4". THIS IS TO ALLOW THE TILE ON THE RAISED FLOOR TO BUTT UP AGAINST THE SILL INSTEAD OF HAVING A TILE/GAP ISSUE.

ALUMINUM STOREFRONT: AS MANUFACTURED BY TRUILITE
2" X 4-1/2" THERMALLY BROKEN, DARK BRONZE ANODIZED, CENTER GLAZED

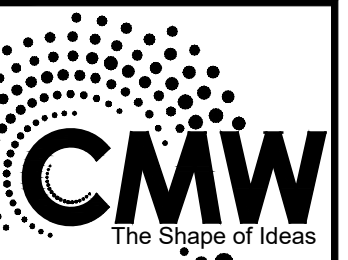
INSULATED GLASS:
1" INSULATED, SOLAR BRONZE, (HEAT STRENGTHENED) OVER "GUARDIAN SUNGUARD SN-68". FULLY TEMPERED BOTH LIGHTS AS REQUIRED BY CODE.

INSULATED PANELS:
1" INSULATED, DARK BRONZE, "CITADEL GLAZEGUARD 1000 WR", • PRE-FINISHED TEXTURED ALUMINUM SKINS .010", HIGH DENSITY POLYPROPYLENE STABILIZERS, EXPANDED POLYSTYRENE FOAM (EPS) CORE 5/8"

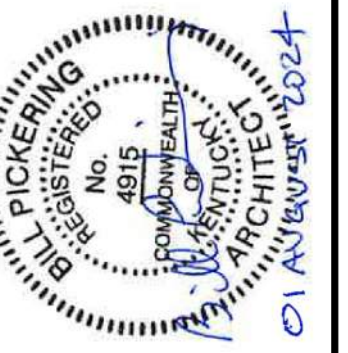
GRAPHICS SCHEDULE / DESCRIPTION NOTES

CONTACT PARAGON FOR ORIGINAL ARTWORK

- DETERMINE ALL GRAPHIC APPLICATIONS BY USING FIELD DIMENSIONS ONLY.
- NO GRAPHIC SUBSTITUTIONS ARE ALLOWED WITHOUT PARAGON SOLUTIONS OR OWNERS CONSENT.
- REVIEW ALL FINAL PRODUCTION DRAWINGS WITH PARAGON SOLUTIONS PRIOR TO PRODUCTION.
- PROVIDE INSTALLATION COSTS UNLESS OTHERWISE NOTED.



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Suite 100
Lexington, Kentucky 40507
o: (502) 254-6623
w: www.cmwae.com



SCHEDULES
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CONSTRUCTION DOCUMENTS

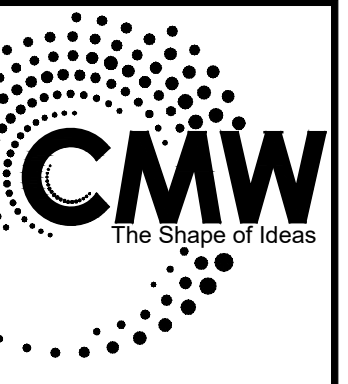
Issue Date:	August 1, 2024
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23058.01

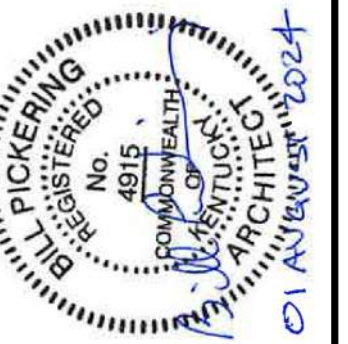
A3.04

GENERAL NOTES

A. REFER TO SHEETS A1.01 AND A2.01 'GENERAL NOTES'



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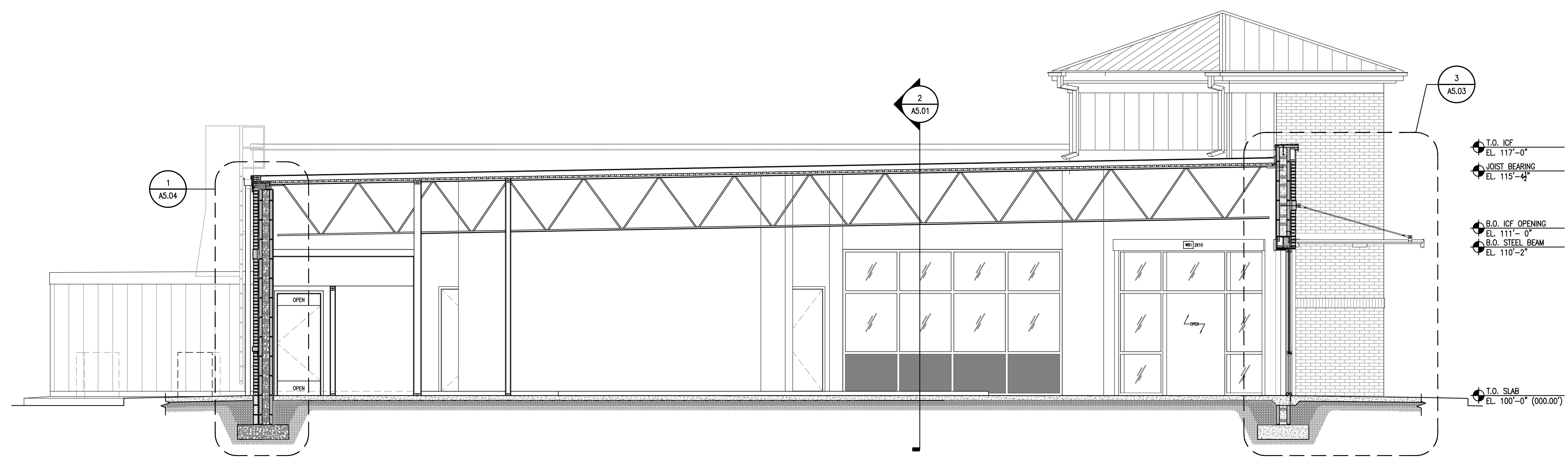
BUILDING SECTIONS
FiveStar #2000 - Brandenburg
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CONSTRUCTION DOCUMENTS

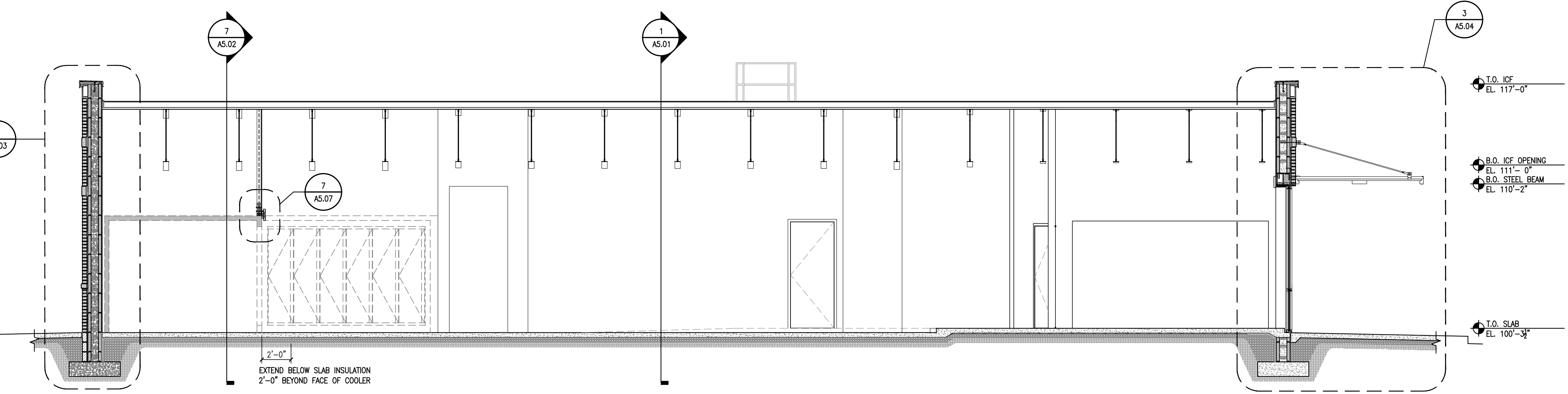
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A5.01



1 BUILDING SECTION
A-5.01 1/4" = 1'-0"

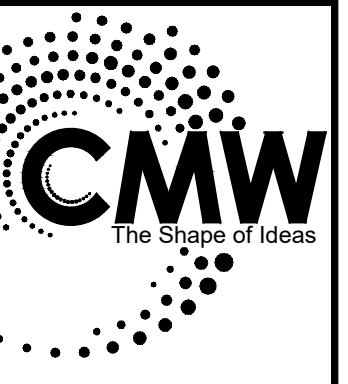


2 BUILDING SECTION
A-5.01 1/4" = 1'-0"

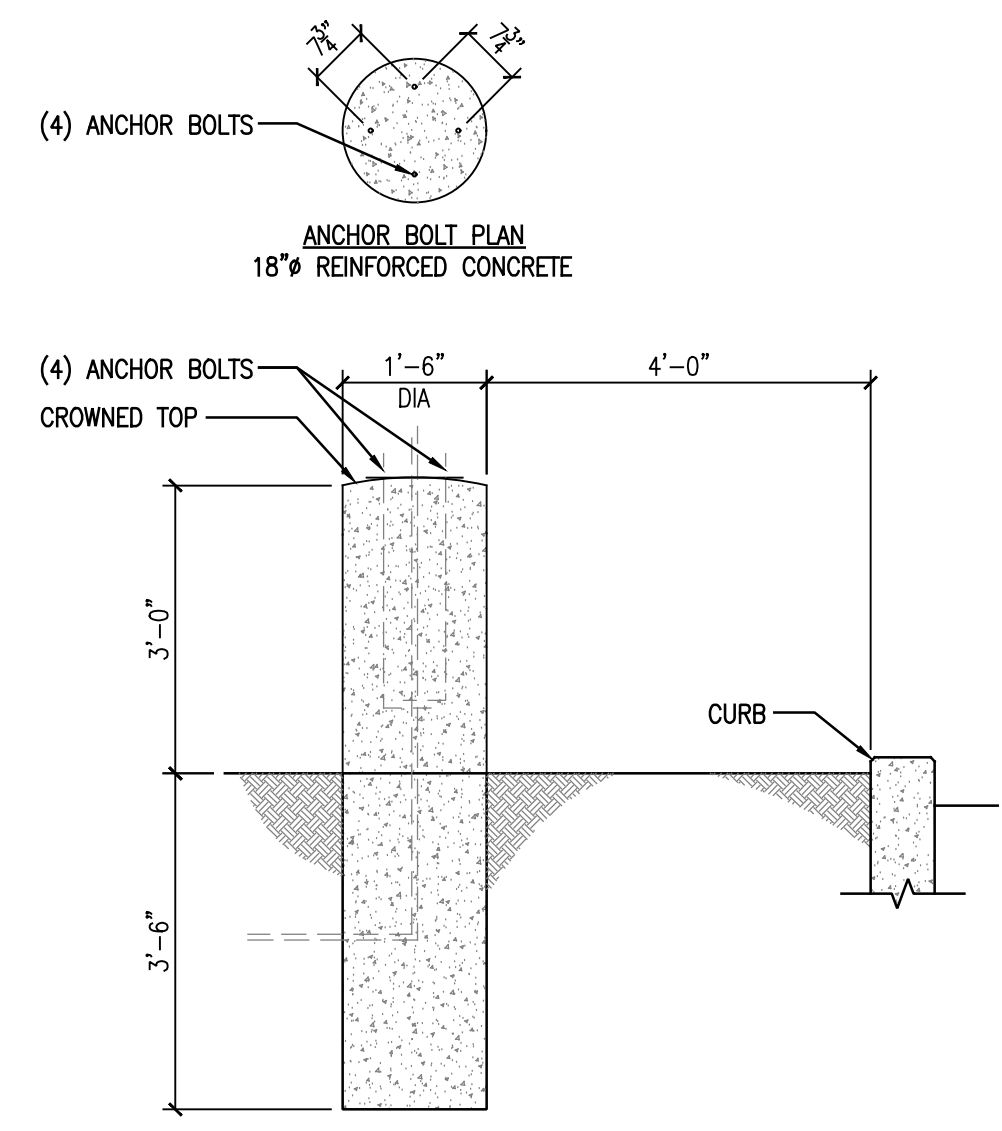
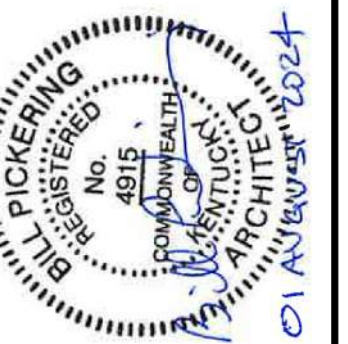
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GENERAL NOTES

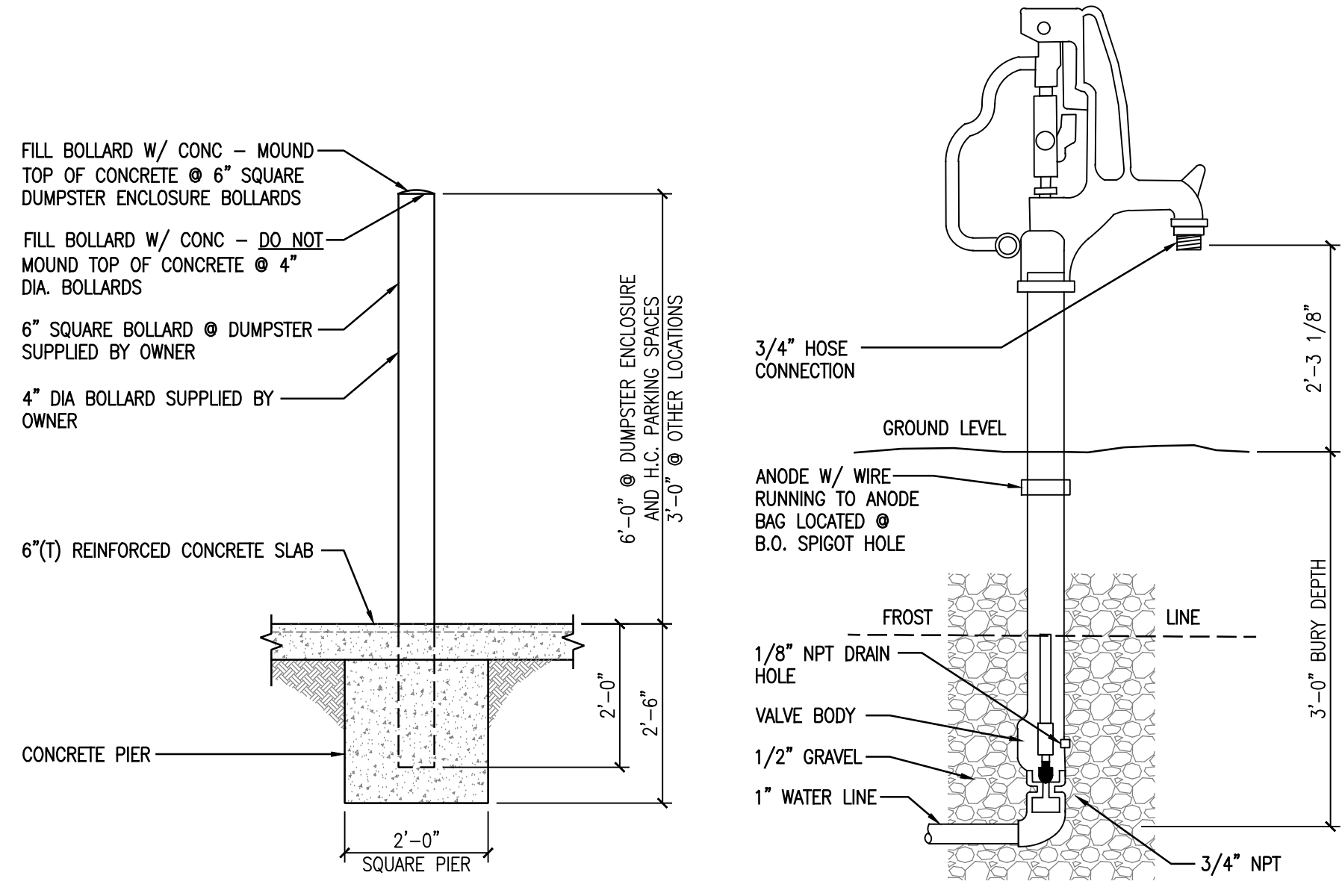
A. REFER TO SHEETS A1.01 AND A2.01 'GENERAL NOTES'



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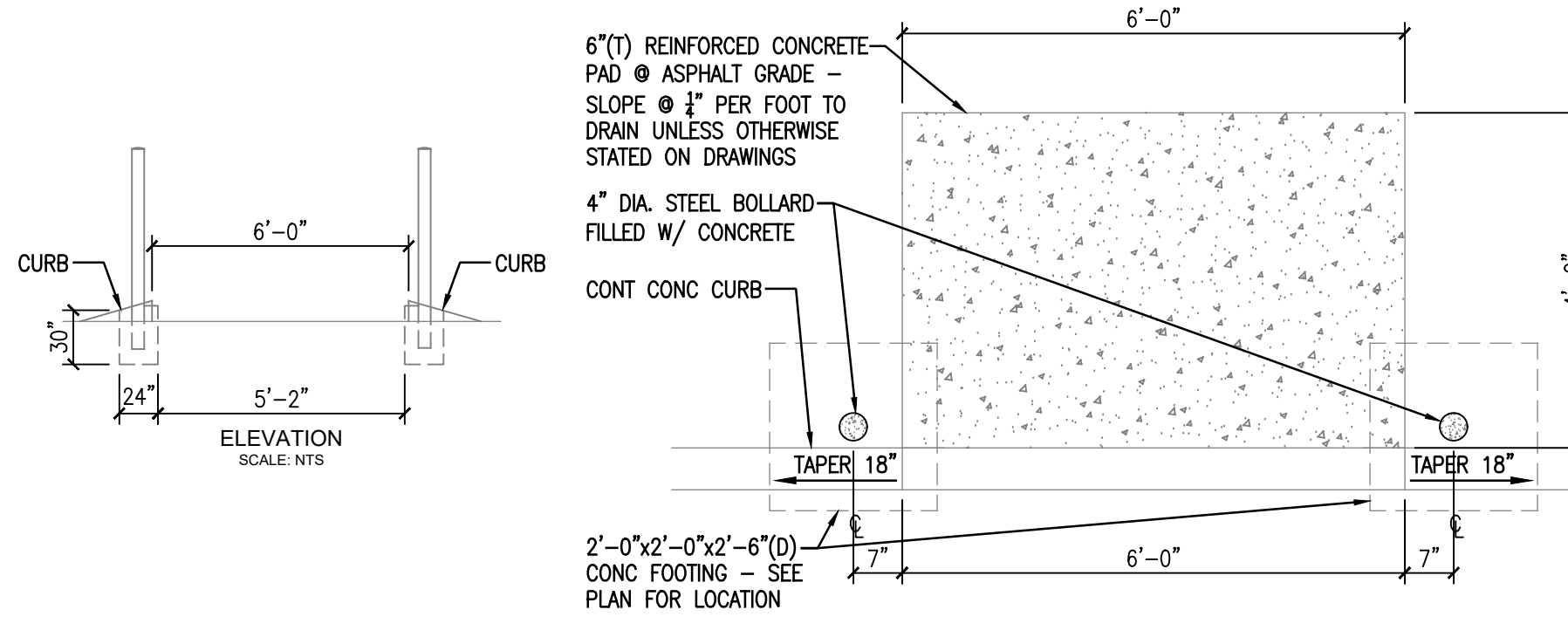
4 NOT USED
1/2" = 1'-0"



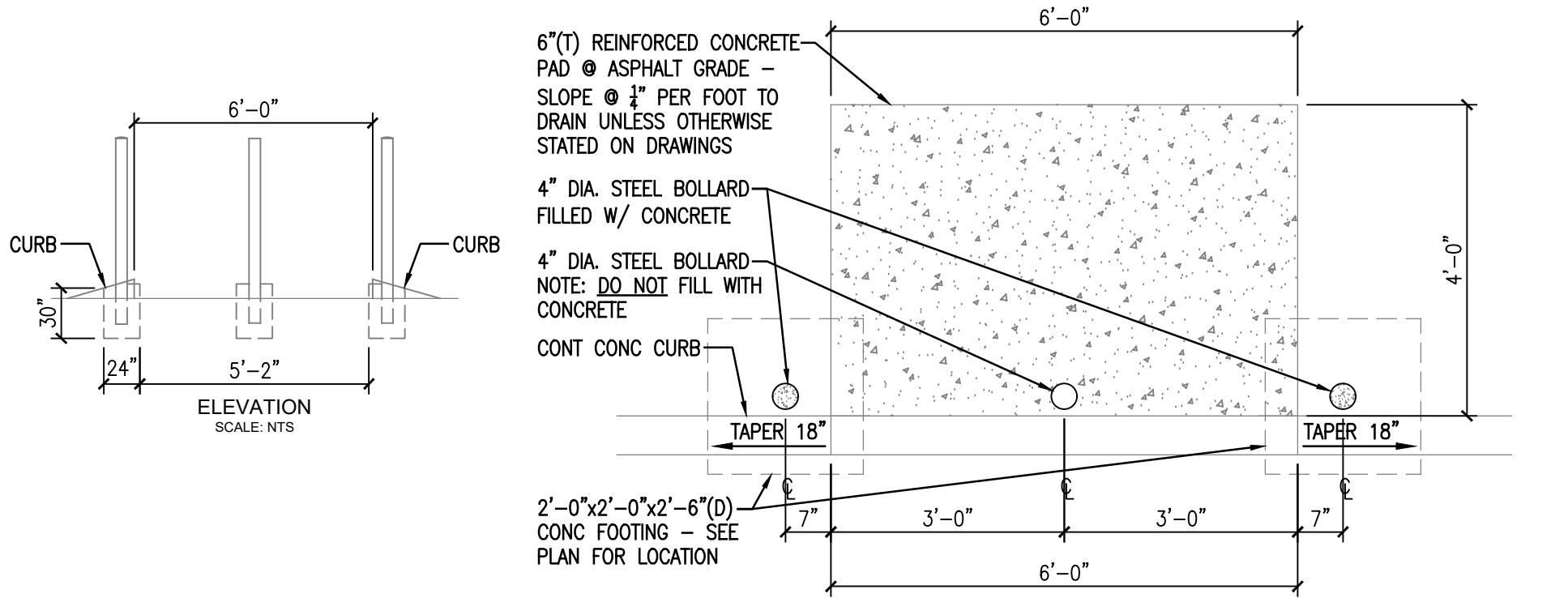
2 TYPICAL PIPE BOLLARD DETAIL
1/2" = 1'-0"

3 TYPICAL YARD SPIGOT
N.T.S.

4 NOT USED
1/2" = 1'-0"

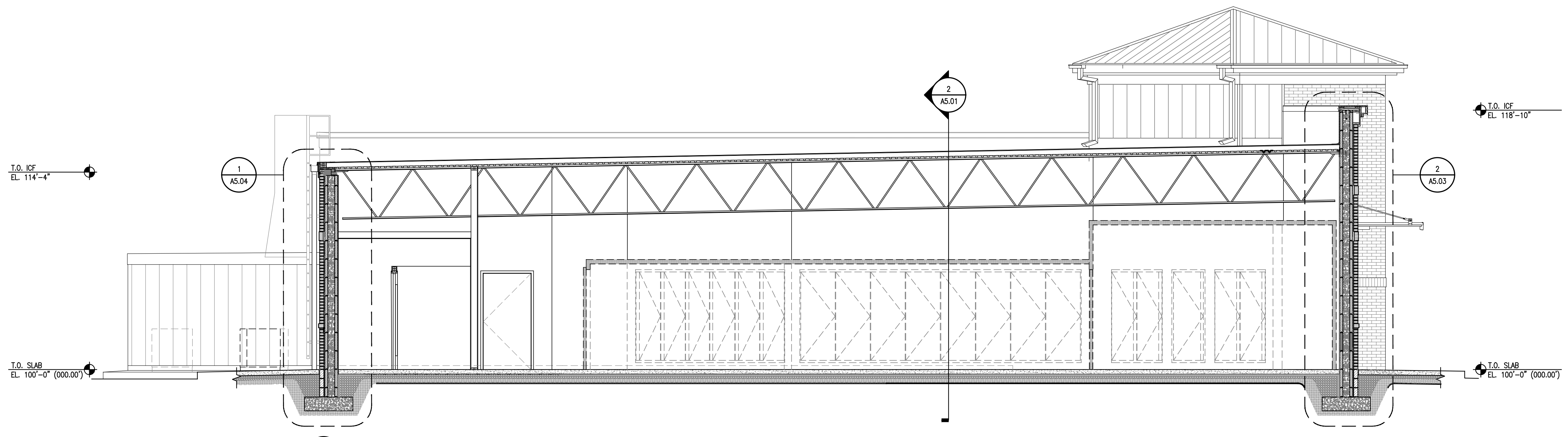


6 AIR & WATER CONCRETE PAD
1/2" = 1'-0"



8 WASH STAND
1/2" = 1'-0"

1 NOT USED
1/4" = 1'-0"



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

BUILDING SECTIONS / DUMPSTER ENCLOSURE
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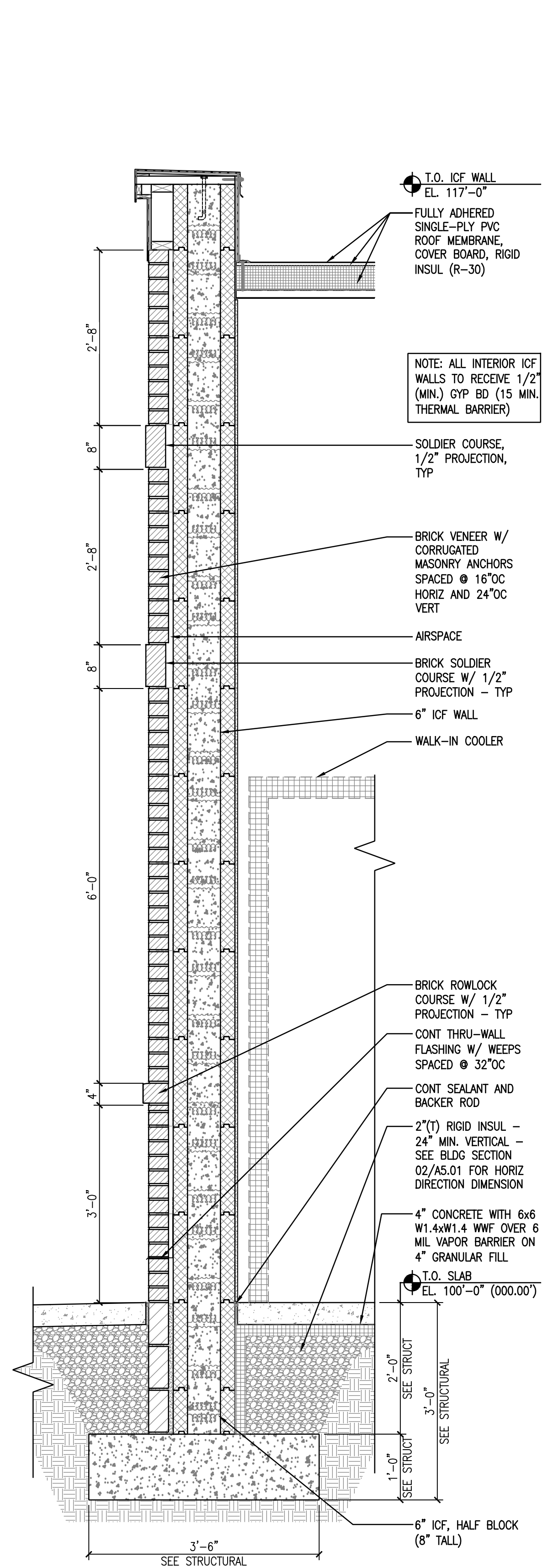
CONSTRUCTION DOCUMENTS

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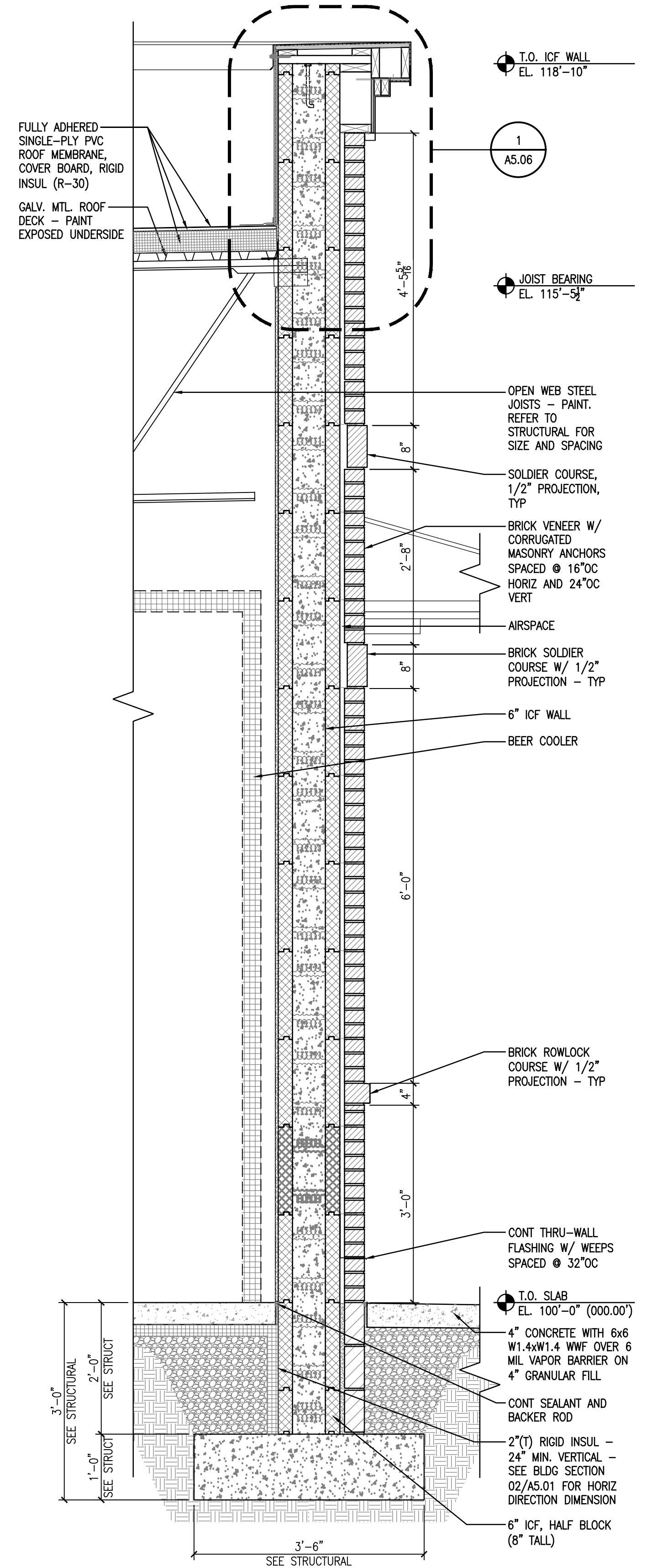
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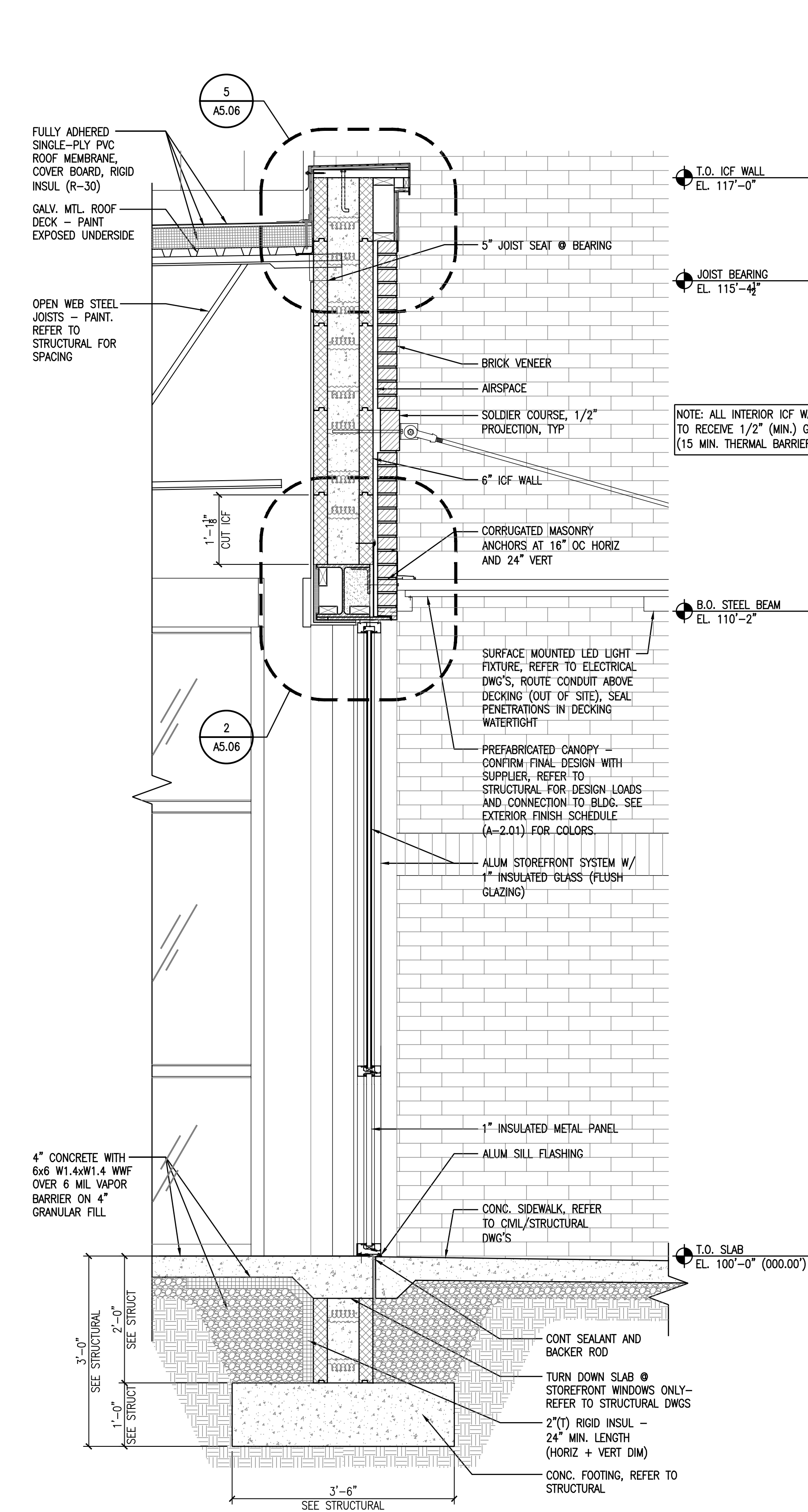
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1 WALL SECTION
A5.03 3/4" = 1'-0"



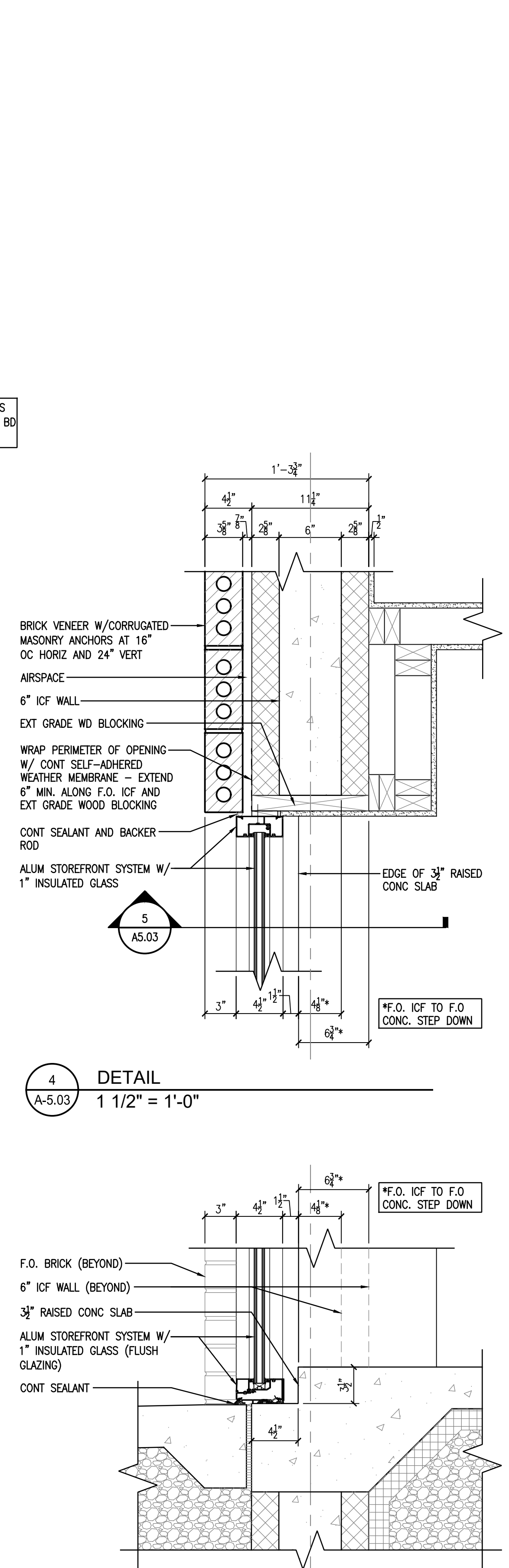
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2 WALL SECTION
A5.03 3/4" = 1'-0"

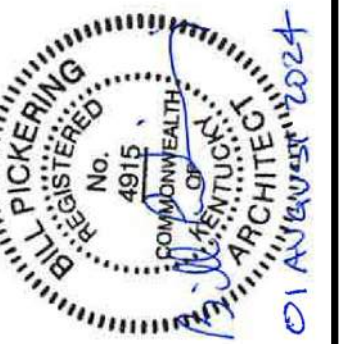


NOTE: BOTTOM OF FOOTING EXCAVATION TO BE INSPECTED AND APPROVED BY SPECIAL INSPECTION AGENCY PRIOR TO REBAR INSTALLATION AND PRIOR TO CONCRETE PLACEMENT

3 WALL SECTION
A5.03 3/4" = 1'-0"



5 DETAIL
A-5.03 1 1/2" = 1'-0"



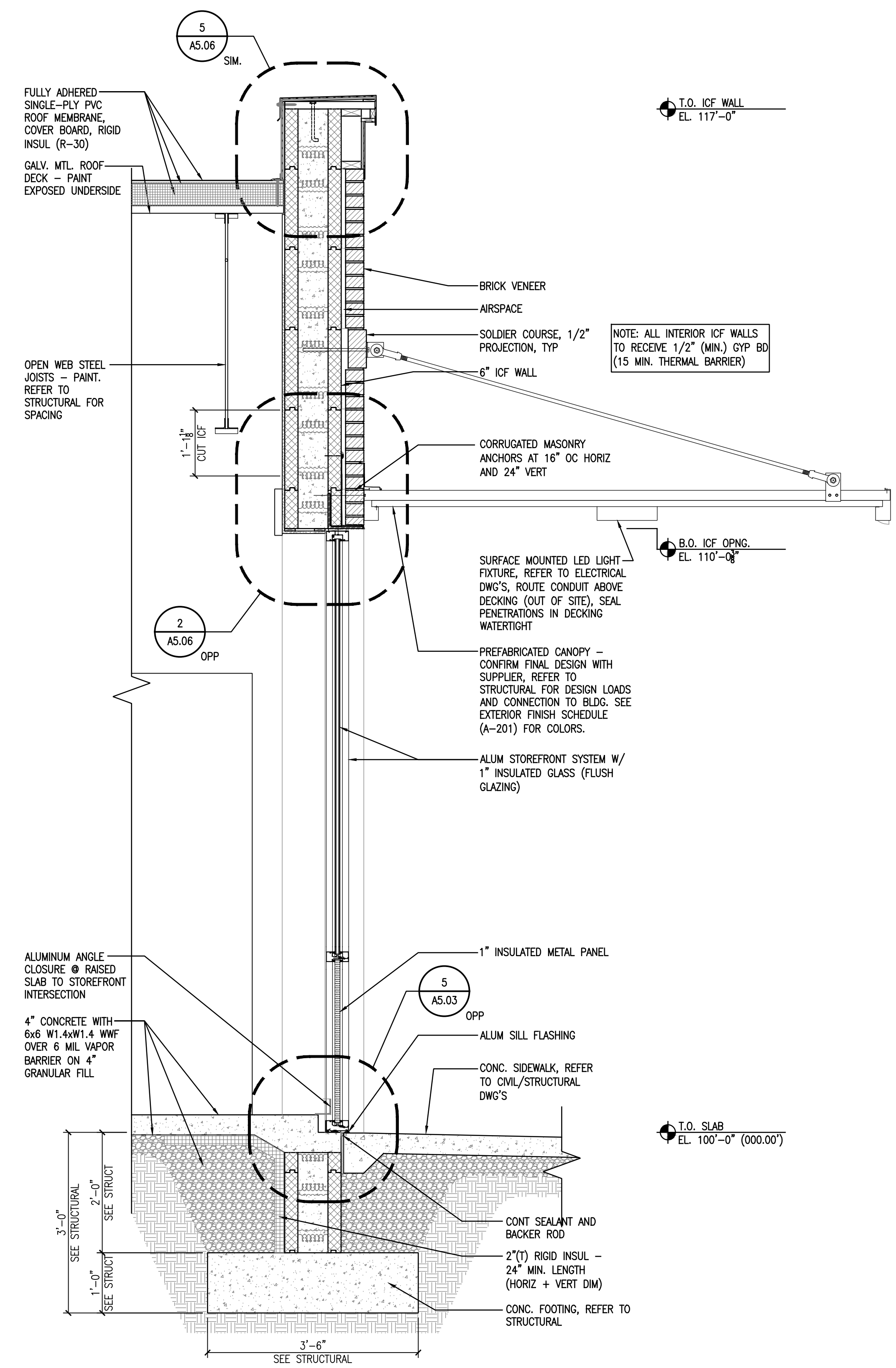
WALL SECTIONS
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CONSTRUCTION DOCUMENTS

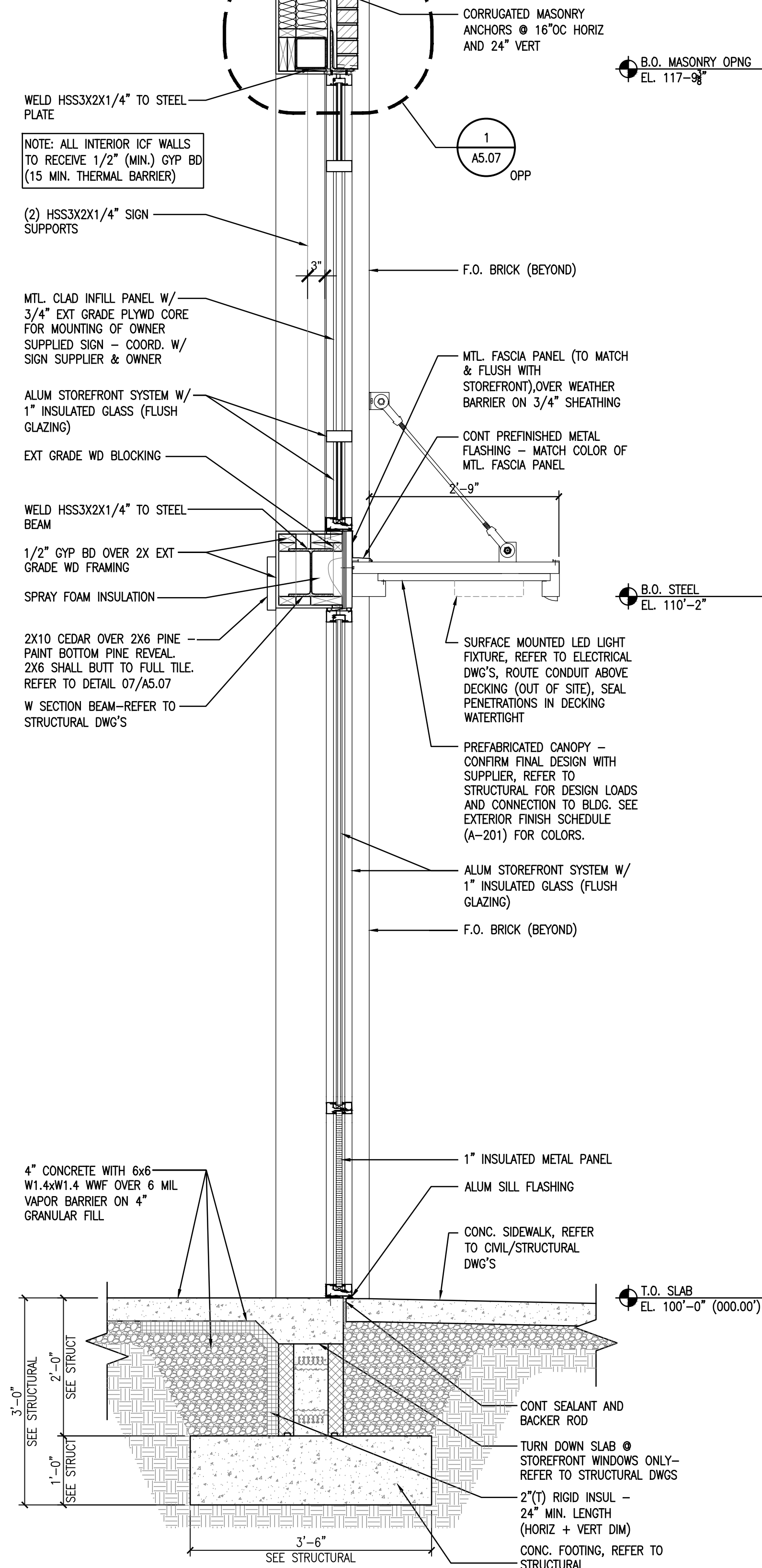
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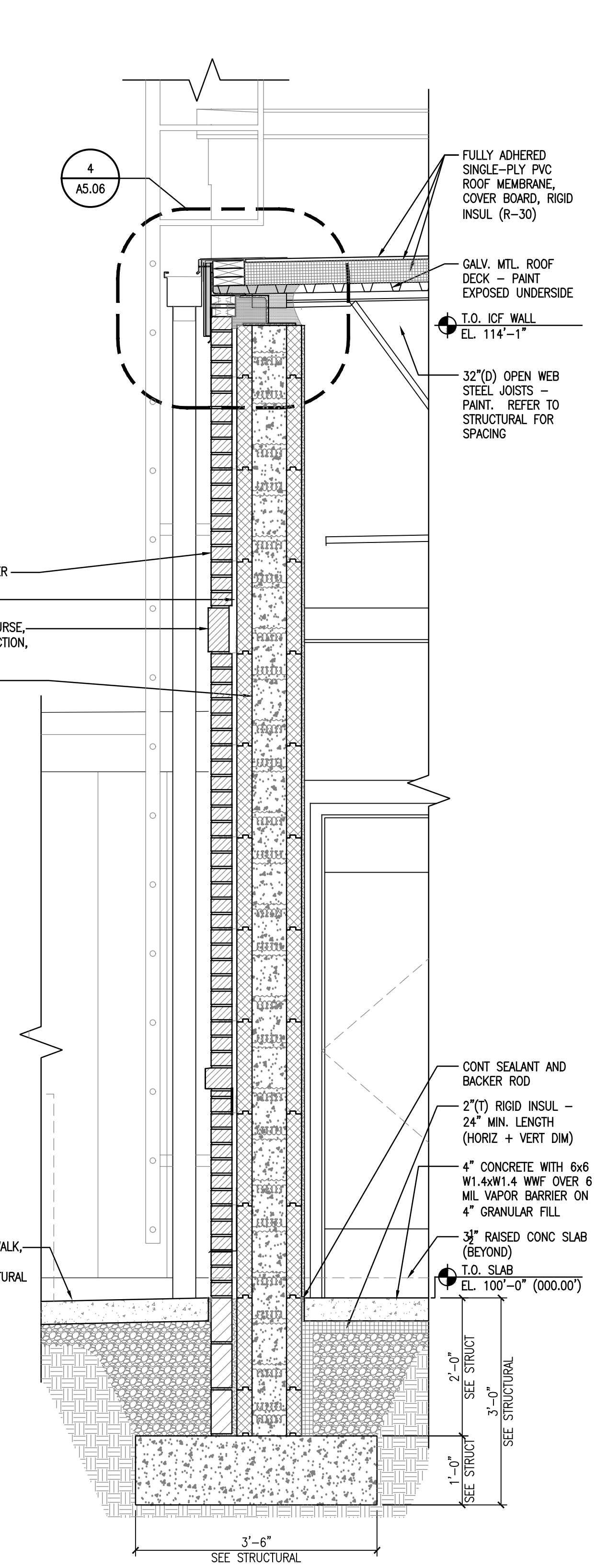
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3 WALL SECTION
3/4" = 1'-0"



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



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

NOTE: BOTTOM OF FOOTING EXCAVATION TO BE INSPECTED AND APPROVED BY SPECIAL INSPECTION AGENCY PRIOR TO REBAR INSTALLATION AND PRIOR TO CONCRETE PLACEMENT

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NOTE: BOTTOM OF FOOTING EXCAVATION TO BE INSPECTED AND APPROVED BY SPECIAL INSPECTION AGENCY PRIOR TO REBAR INSTALLATION AND PRIOR TO CONCRETE PLACEMENT

NOTE: ALL INTERIOR ICF WALLS TO RECEIVE 1/2" (MIN.) GYP BD (15 MIN. THERMAL BARRIER)

NOTE: ALL INTERIOR ICF WALLS TO RECEIVE 1/2" (MIN.) GYP BD (15 MIN. THERMAL BARRIER)

4" CONCRETE WITH 6x6 W1.4xW1.4 WWF OVER 6 MIL VAPOR BARRIER ON 4" GRANULAR FILL

CONT SEALANT AND BACKER ROD
2"(T) RIGID INSUL - 24" MIN. LENGTH (HORIZ + VERT DIM)

4" CONCRETE WITH 6x6 W1.4xW1.4 WWF OVER 6 MIL VAPOR BARRIER ON 4" GRANULAR FILL

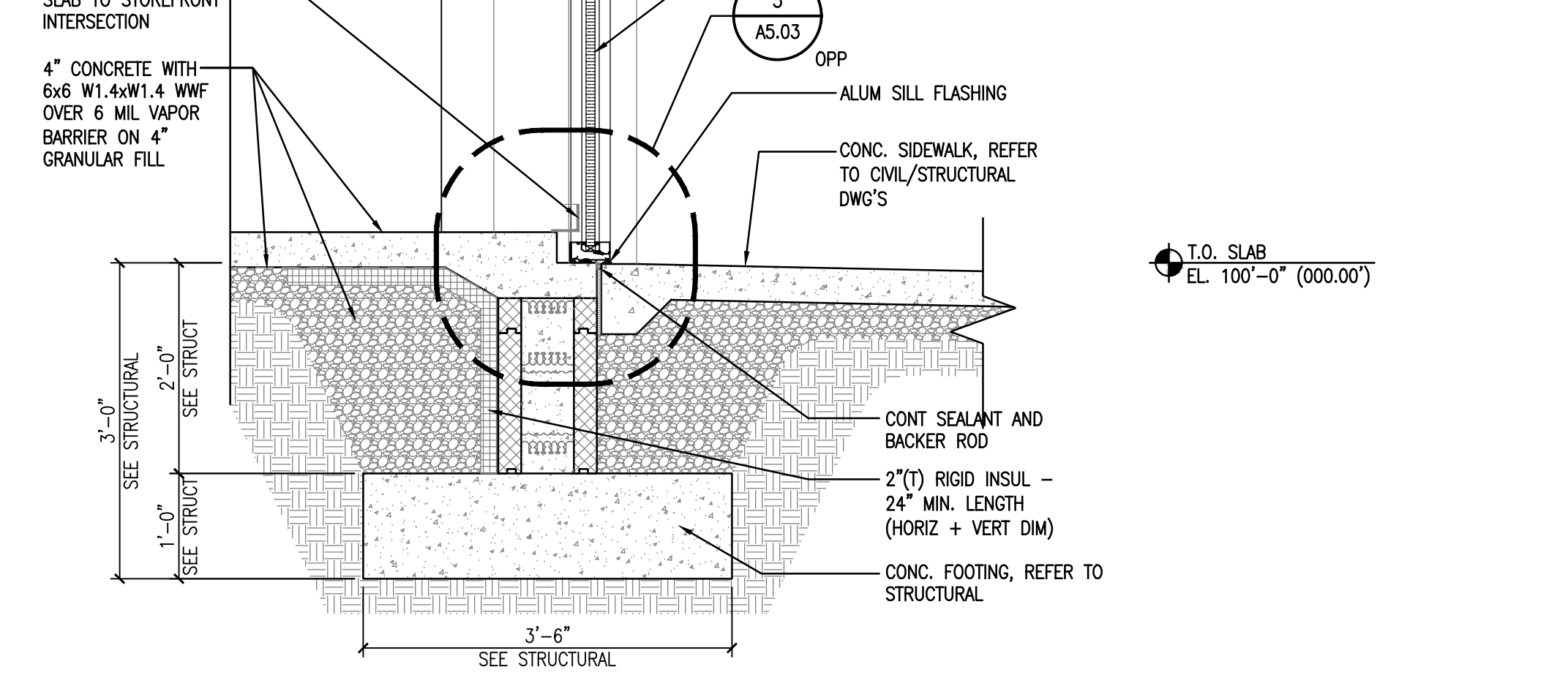
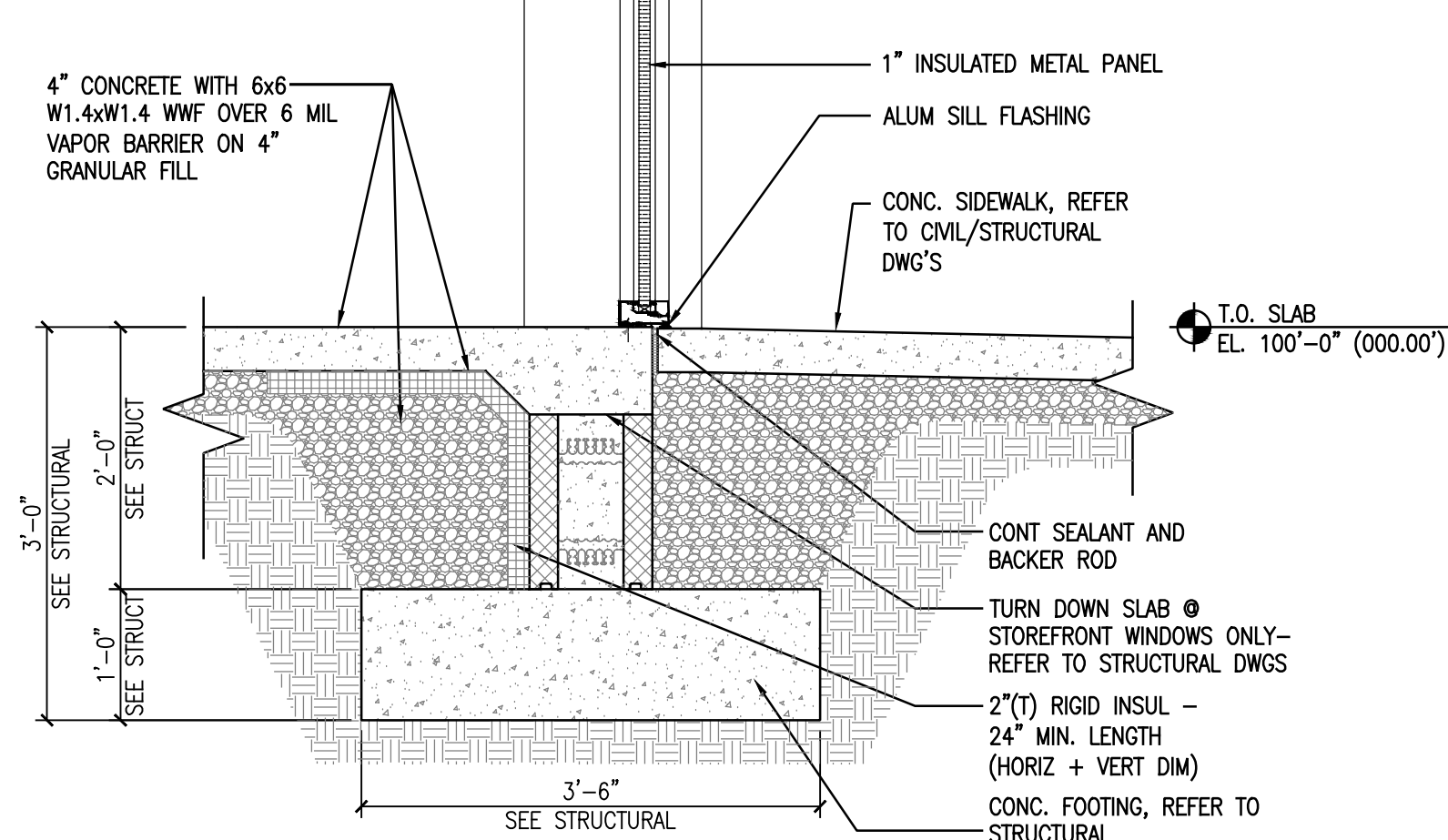
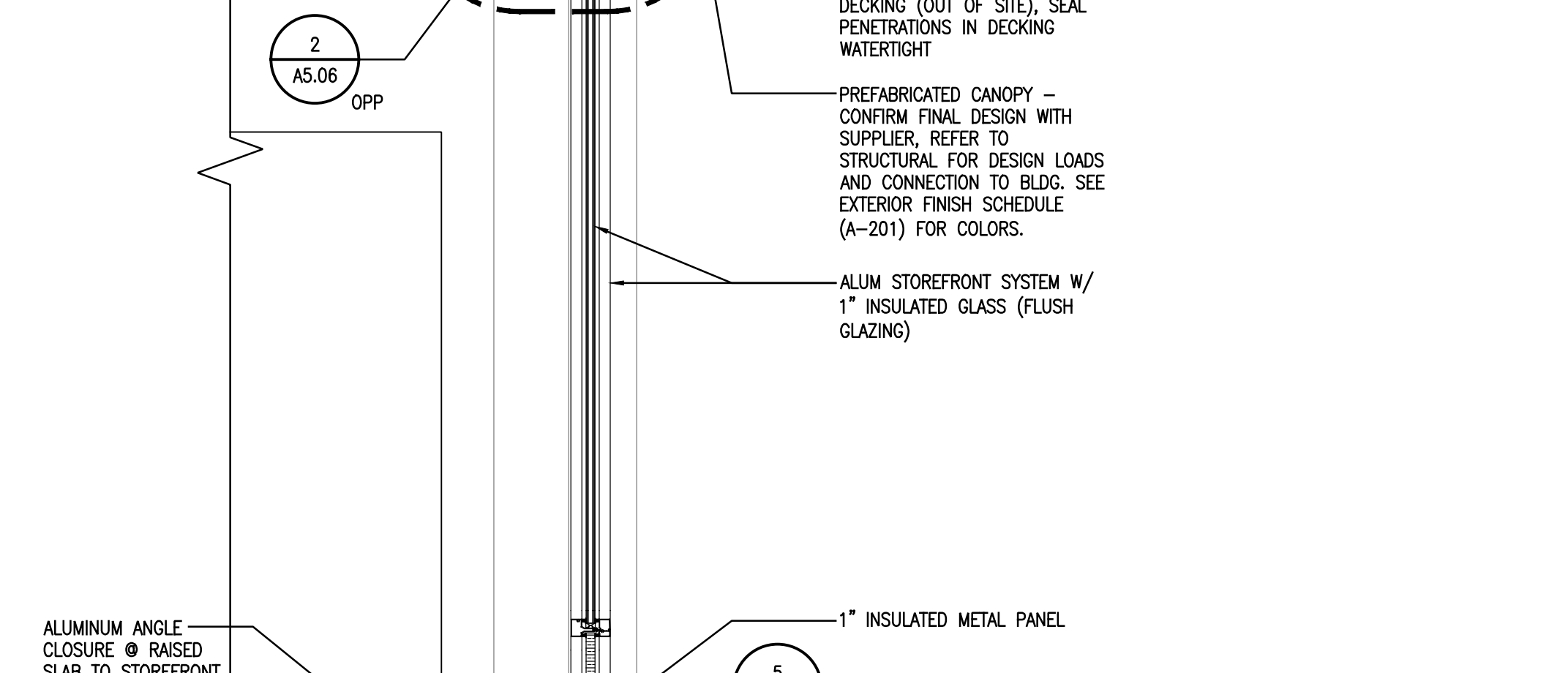
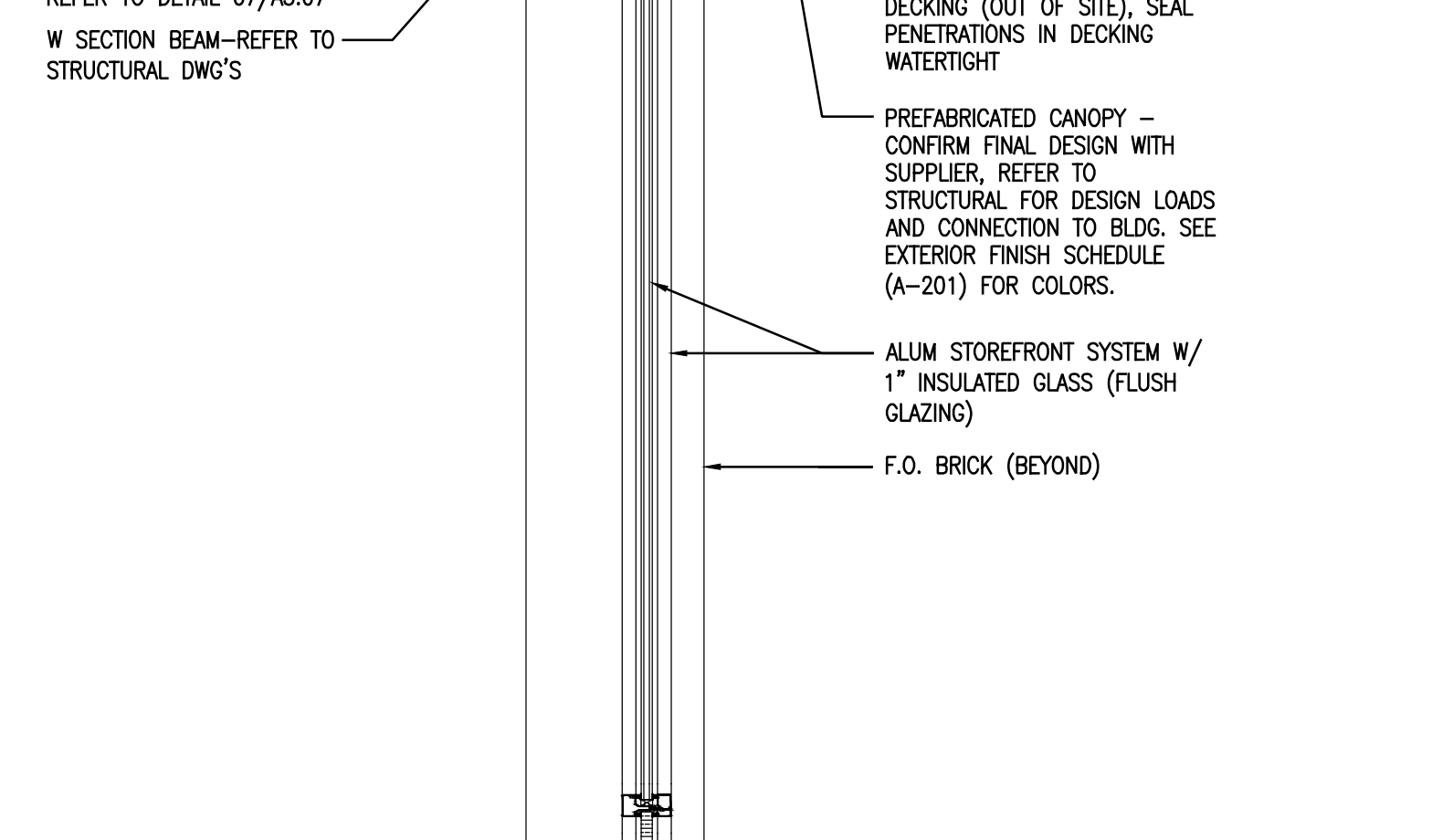
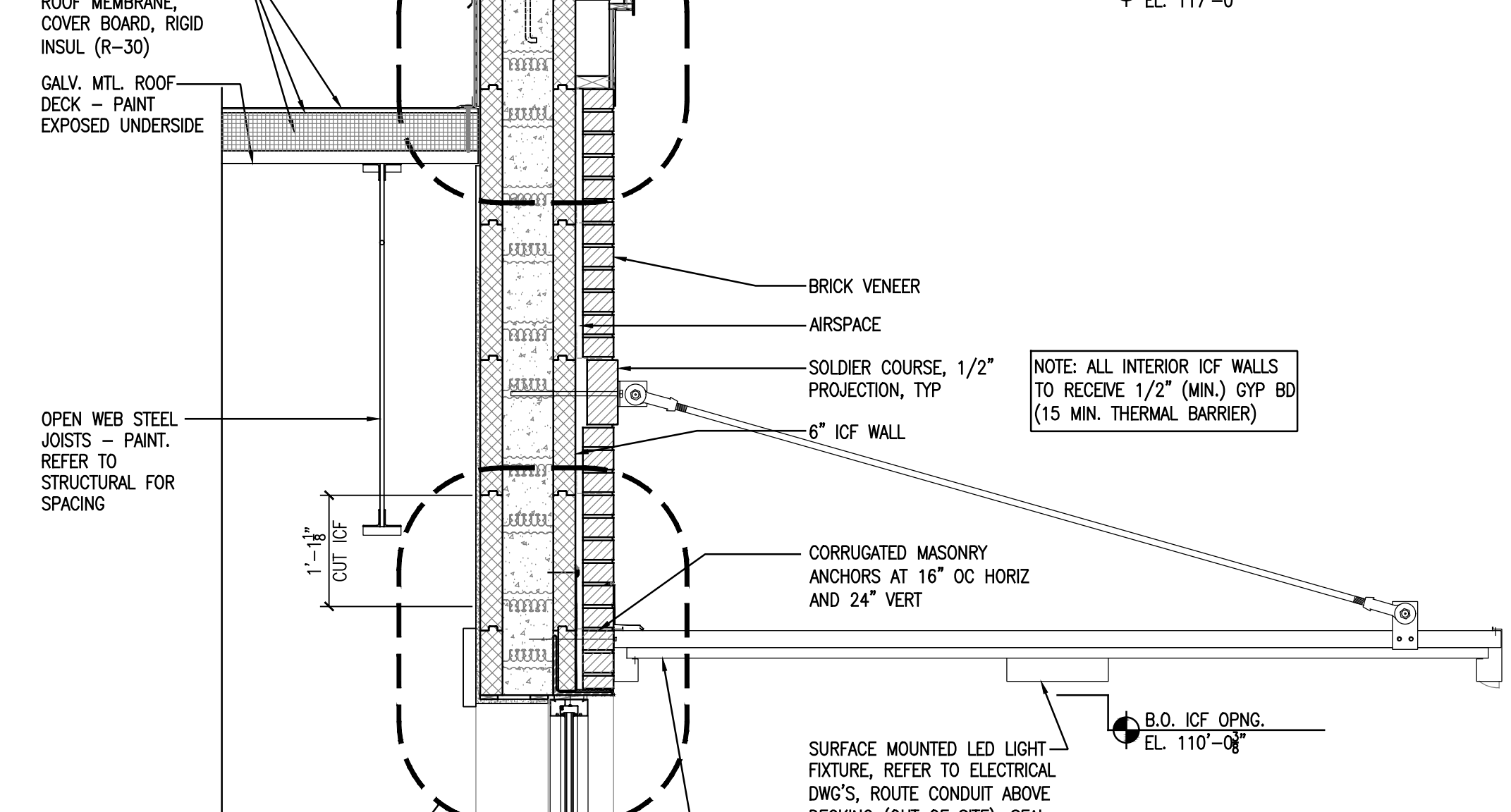
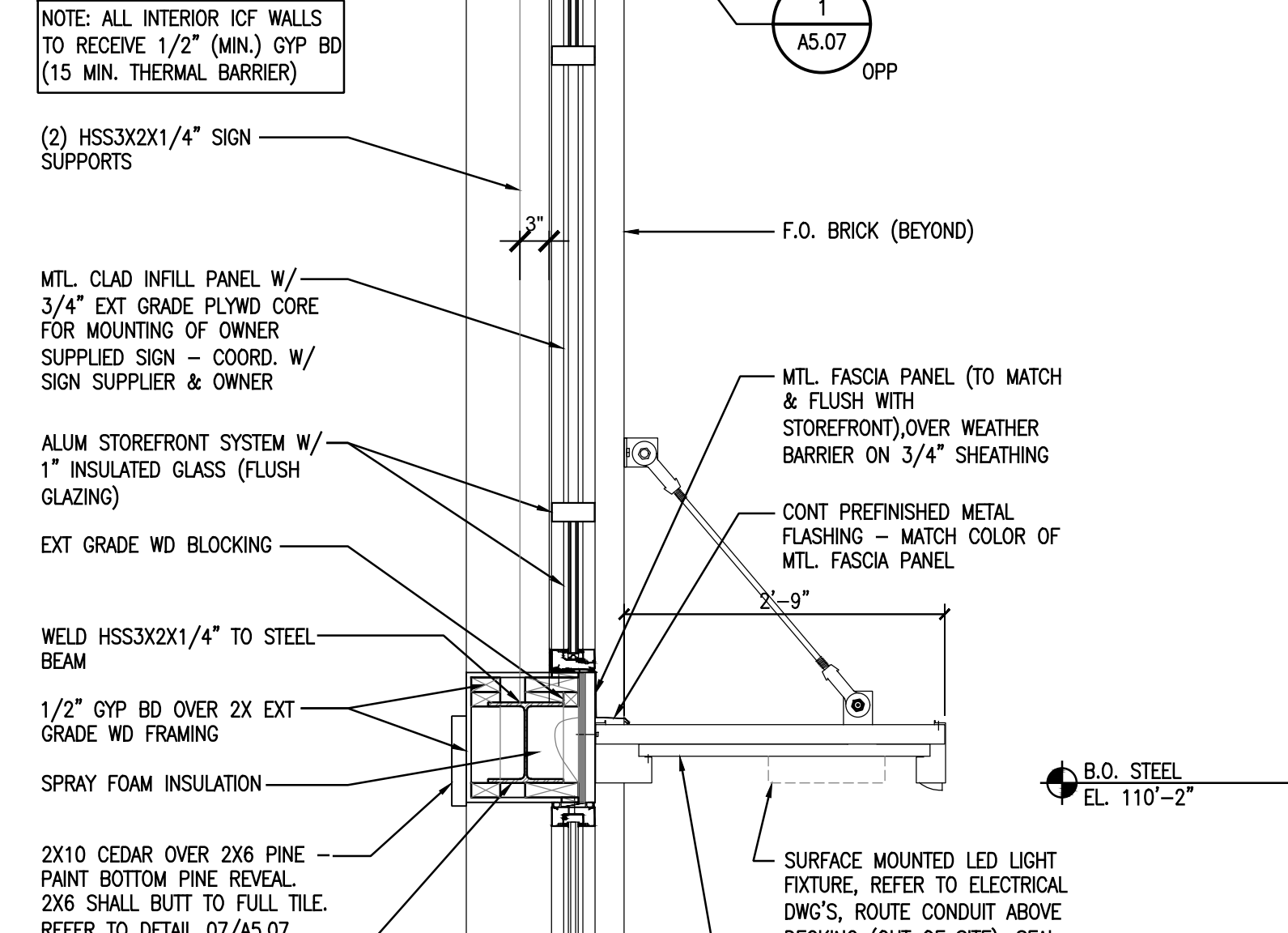
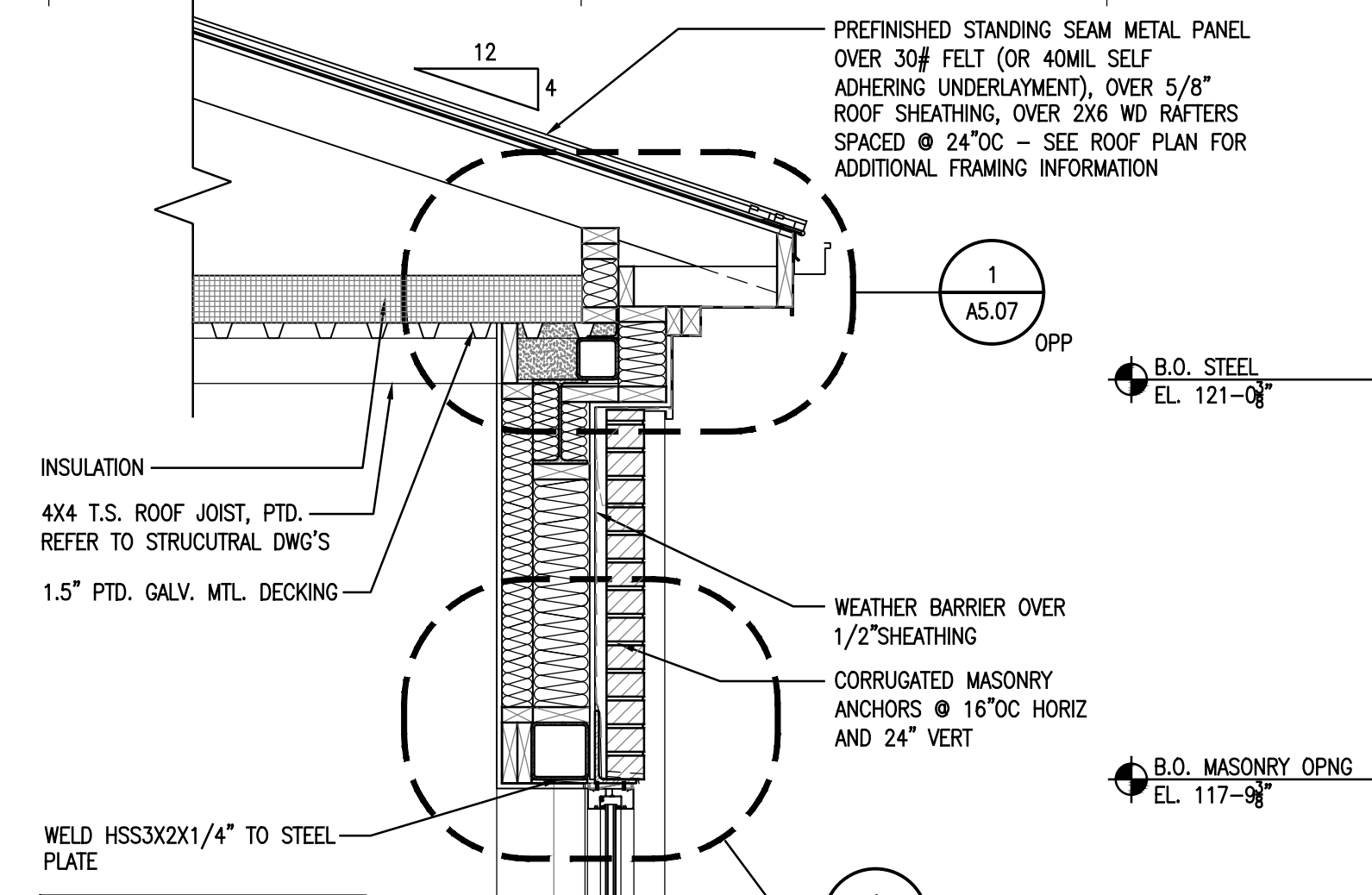
3" RAISED CONC SLAB (BEYOND) T.O. SLAB EL. 100'-0" (000.00')

1" INSULATED METAL PANEL
ALUM SILL FLASHING
CONC. SIDEWALK, REFER TO CIVIL/STRUCTURAL DWG'S

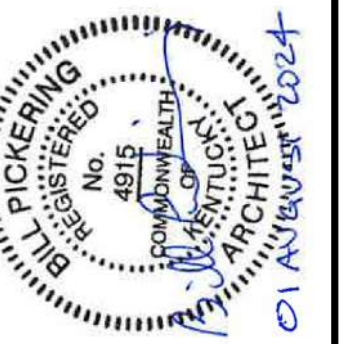
TURN DOWN SLAB @ STOREFRONT WINDOWS ONLY - REFER TO STRUCTURAL DWGS
2"(T) RIGID INSUL - 24" MIN. LENGTH (HORIZ + VERT DIM)
CONC. FOOTING, REFER TO STRUCTURAL

1" INSULATED METAL PANEL
ALUM SILL FLASHING
CONC. SIDEWALK, REFER TO CIVIL/STRUCTURAL DWG'S

CONT SEALANT AND BACKER ROD
2"(T) RIGID INSUL - 24" MIN. LENGTH (HORIZ + VERT DIM)
CONC. FOOTING, REFER TO STRUCTURAL



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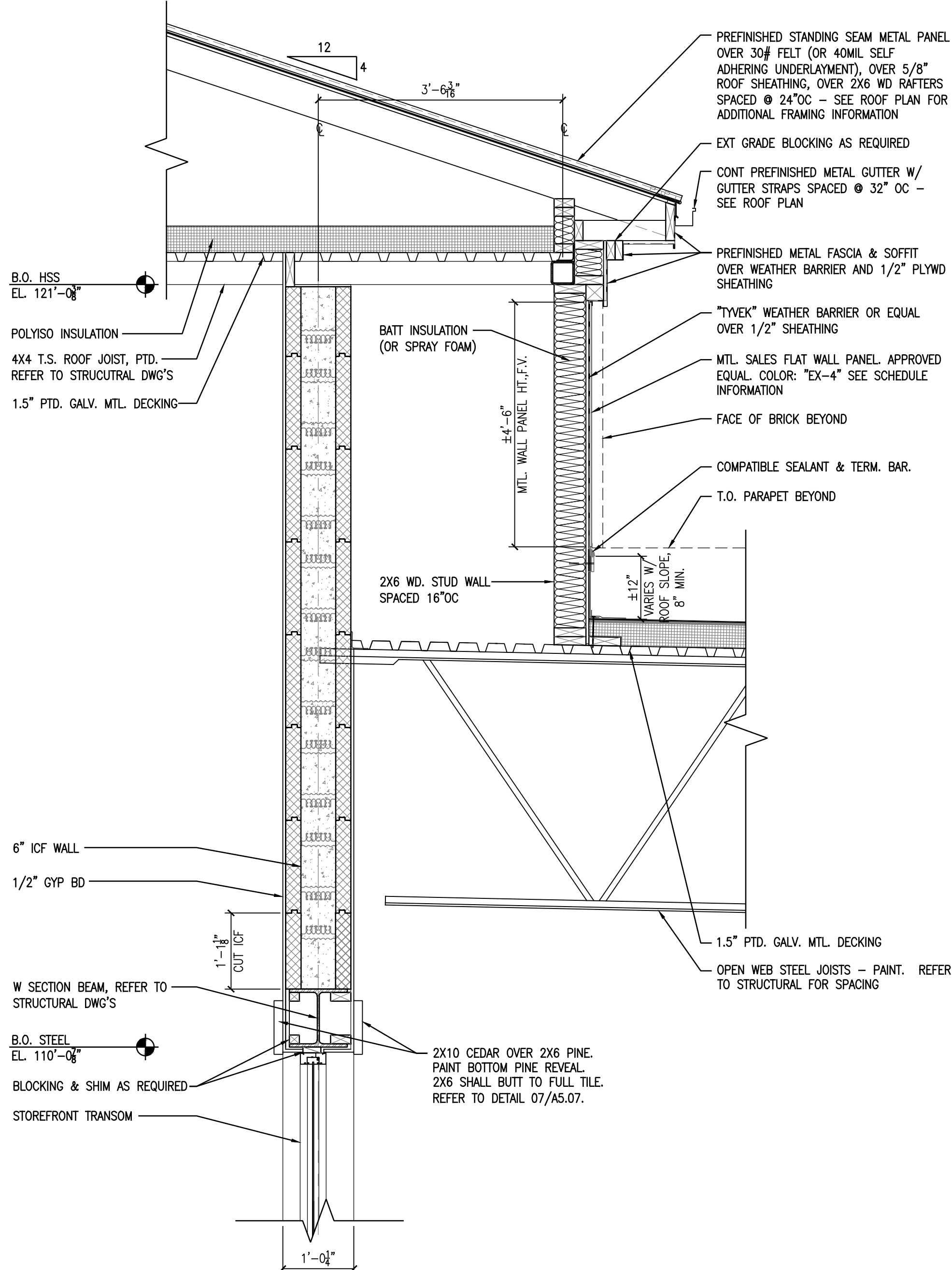
WALL SECTIONS AND DETAILS
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CONSTRUCTION DOCUMENTS

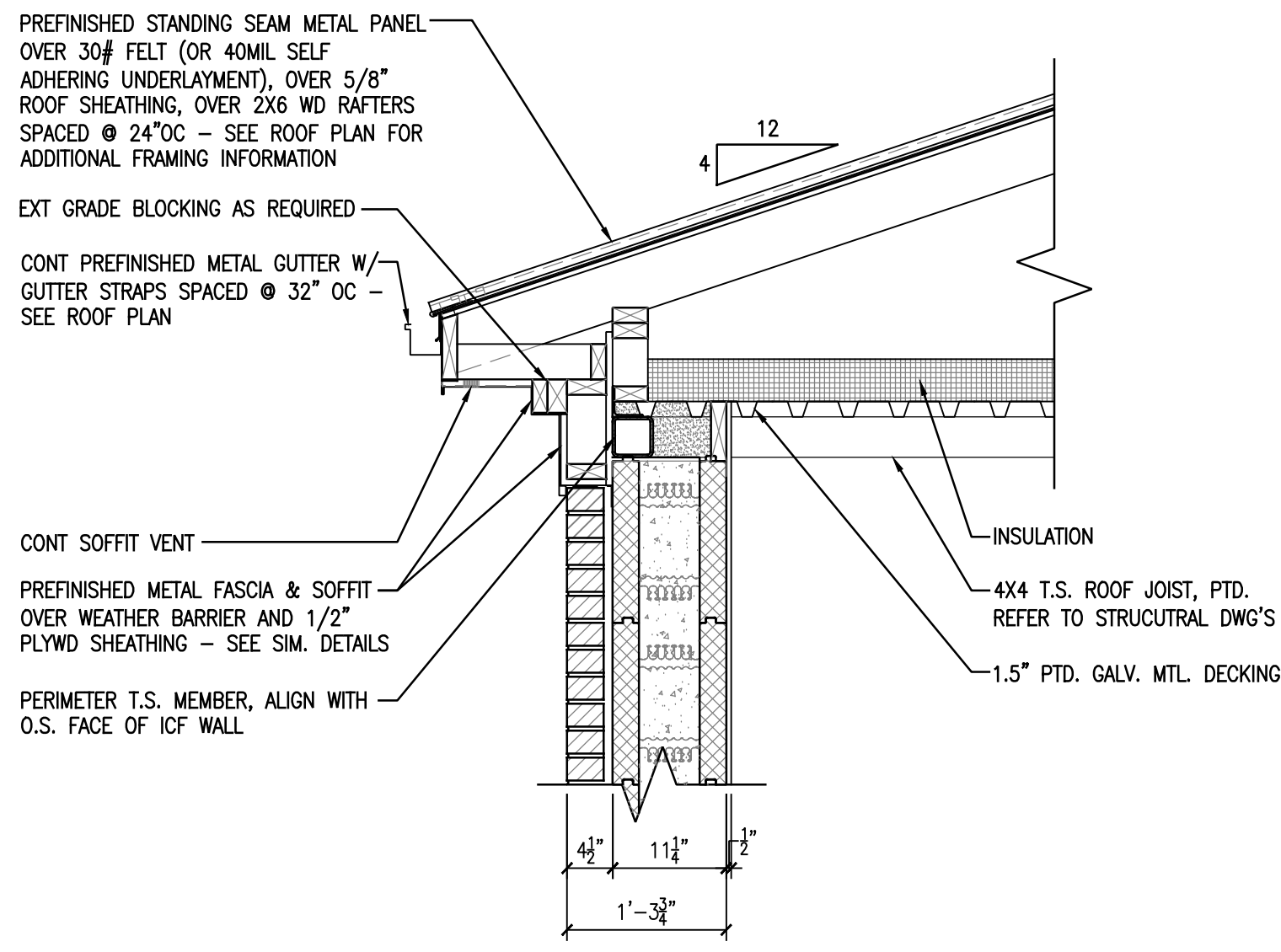
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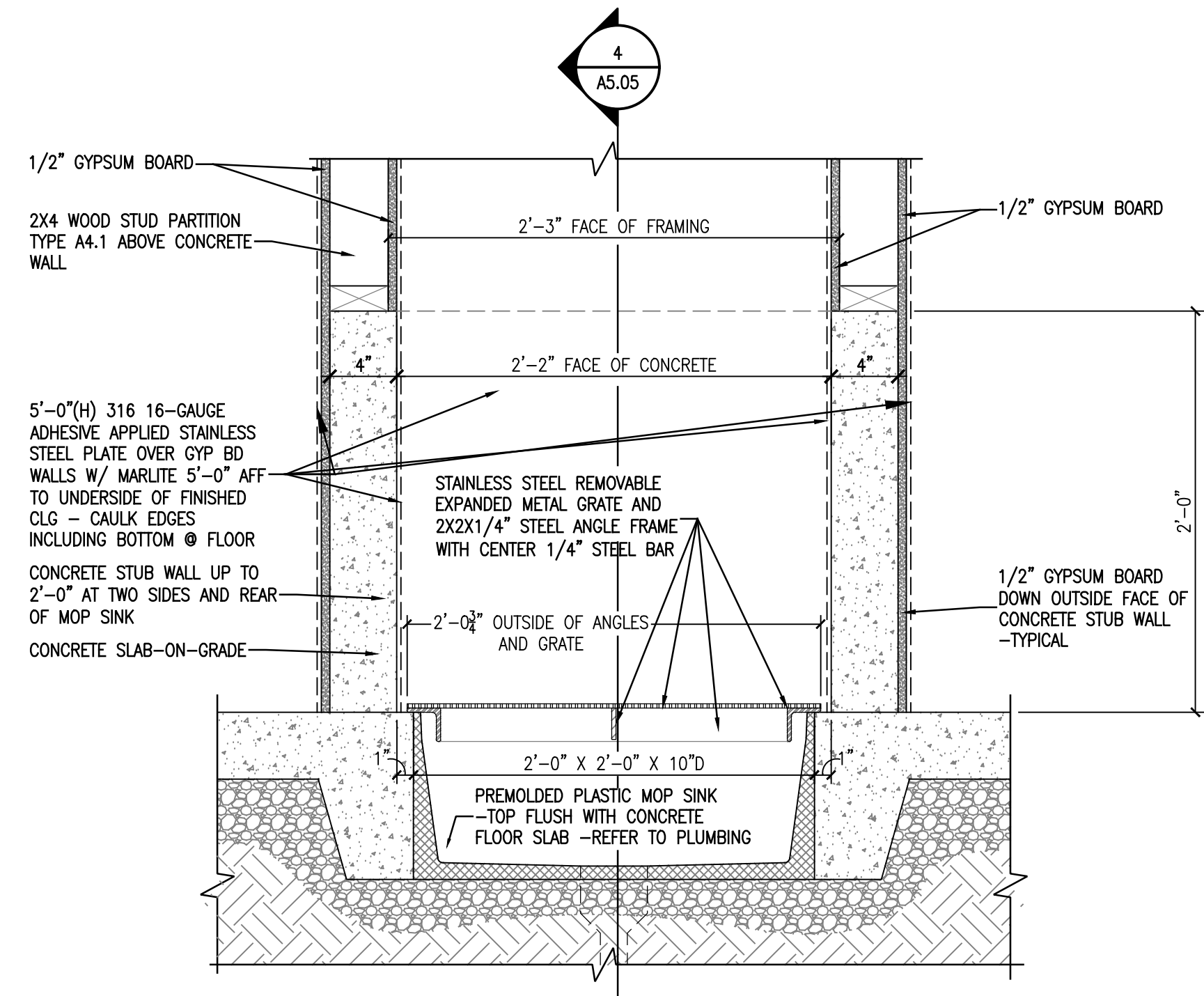
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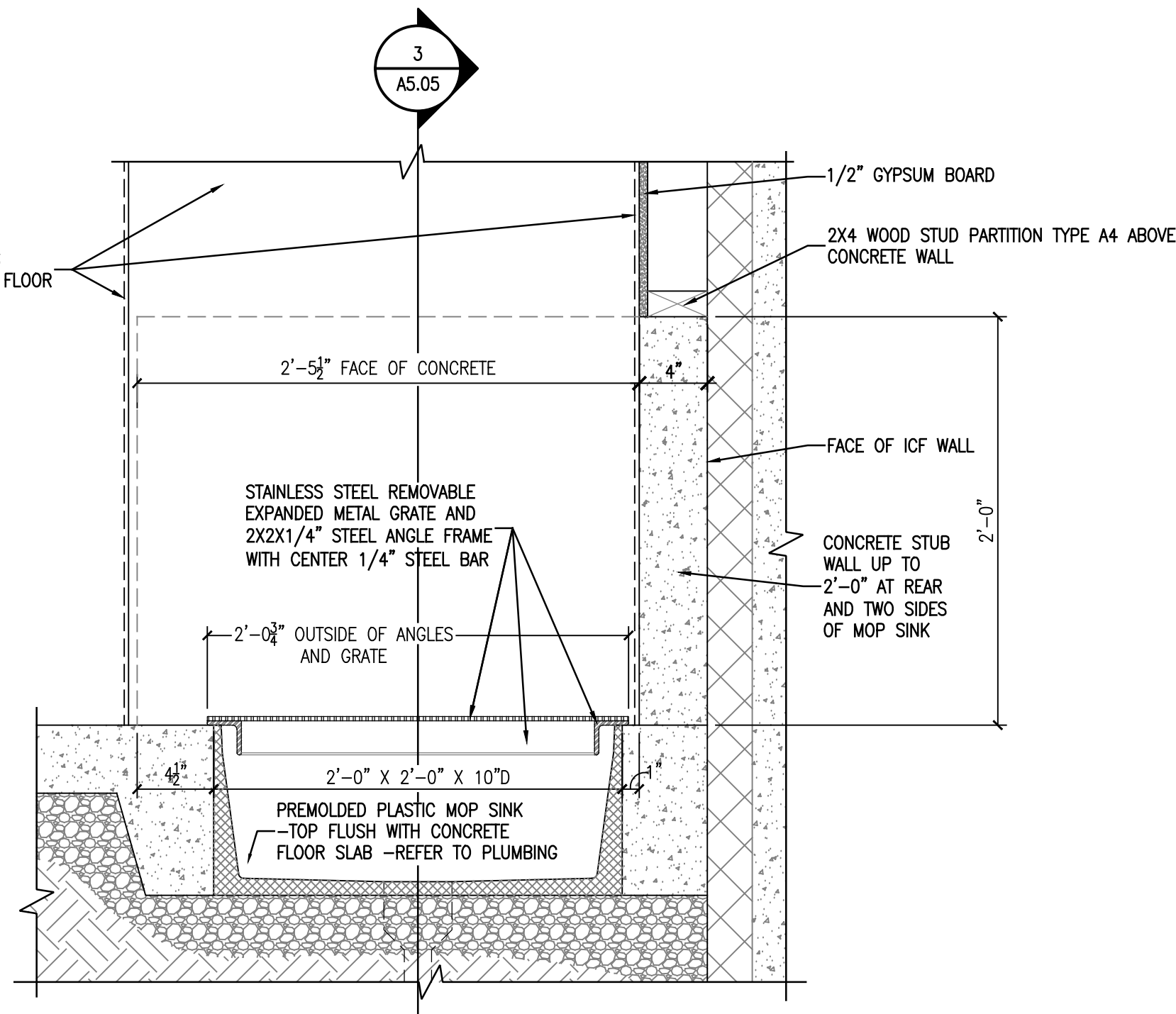
1 WALL SECTION
3/4" = 1'-0"



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

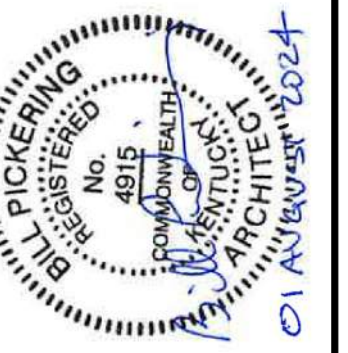


2 SECTION - FLOOR MOP SINK
1 1/2" = 1'-0"



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

Xref: 3022011_1newcomb



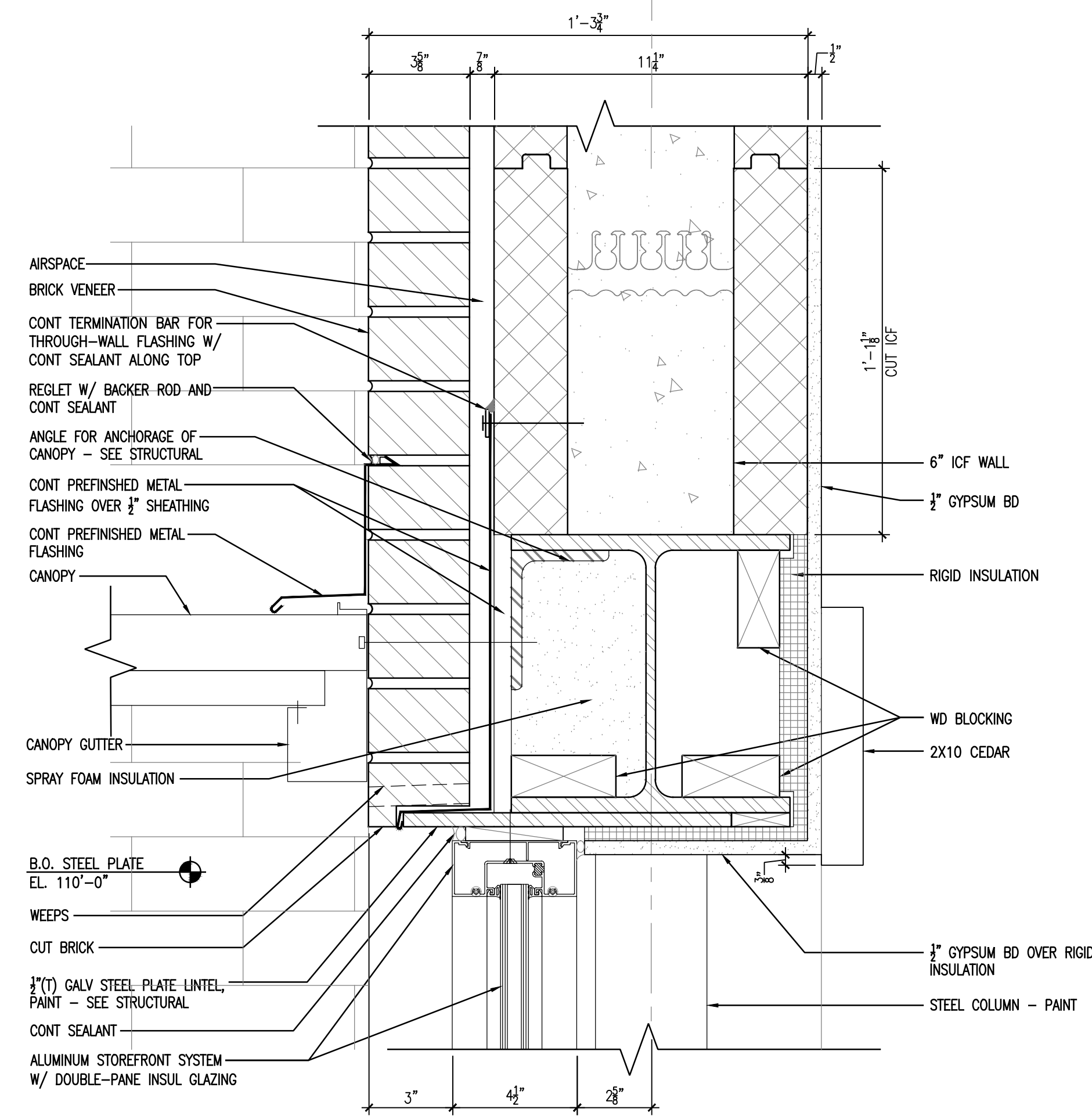
ENLARGED DETAILS
FiveStar #2000 - Brandenburg
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CONSTRUCTION DOCUMENTS

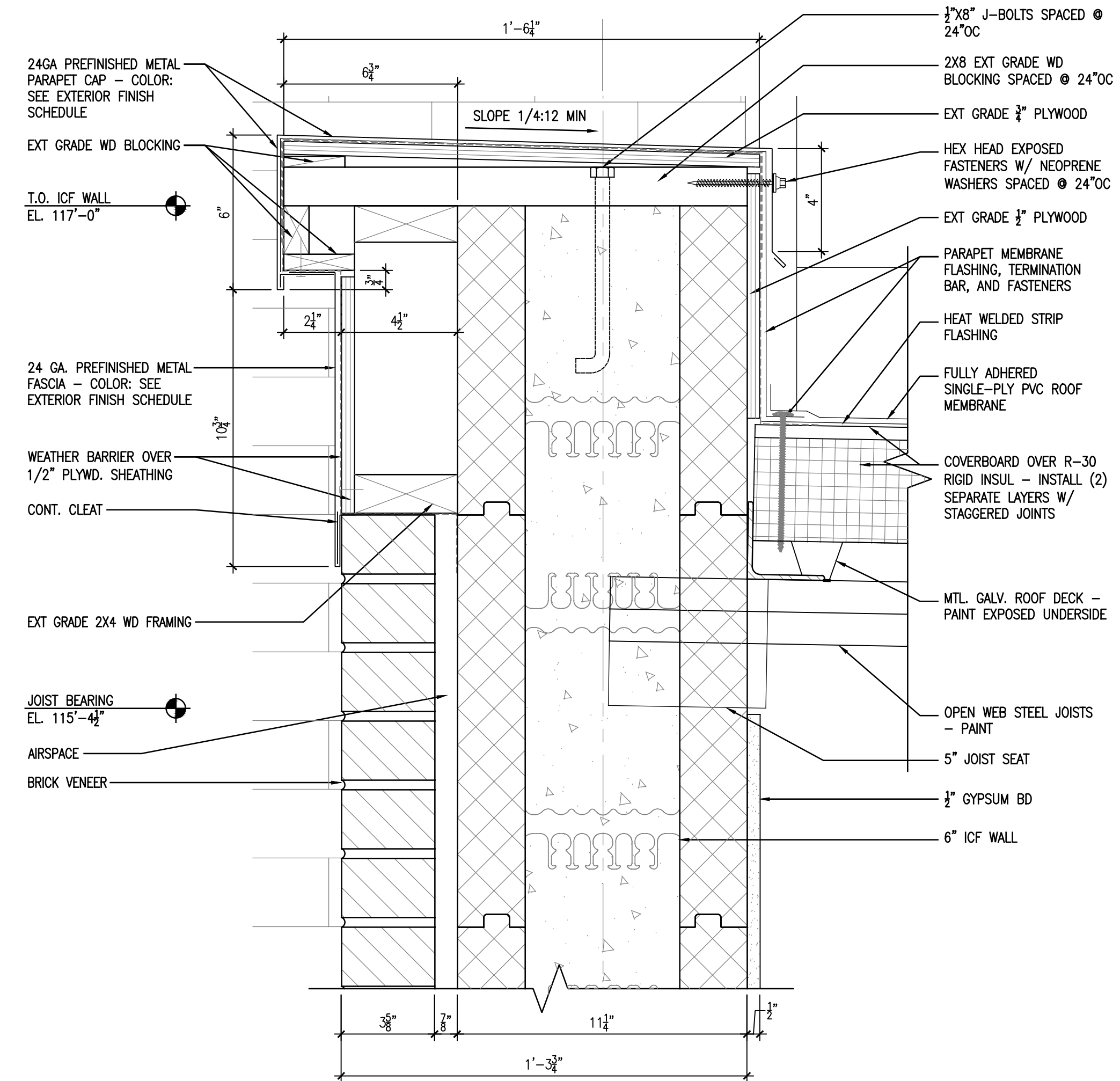
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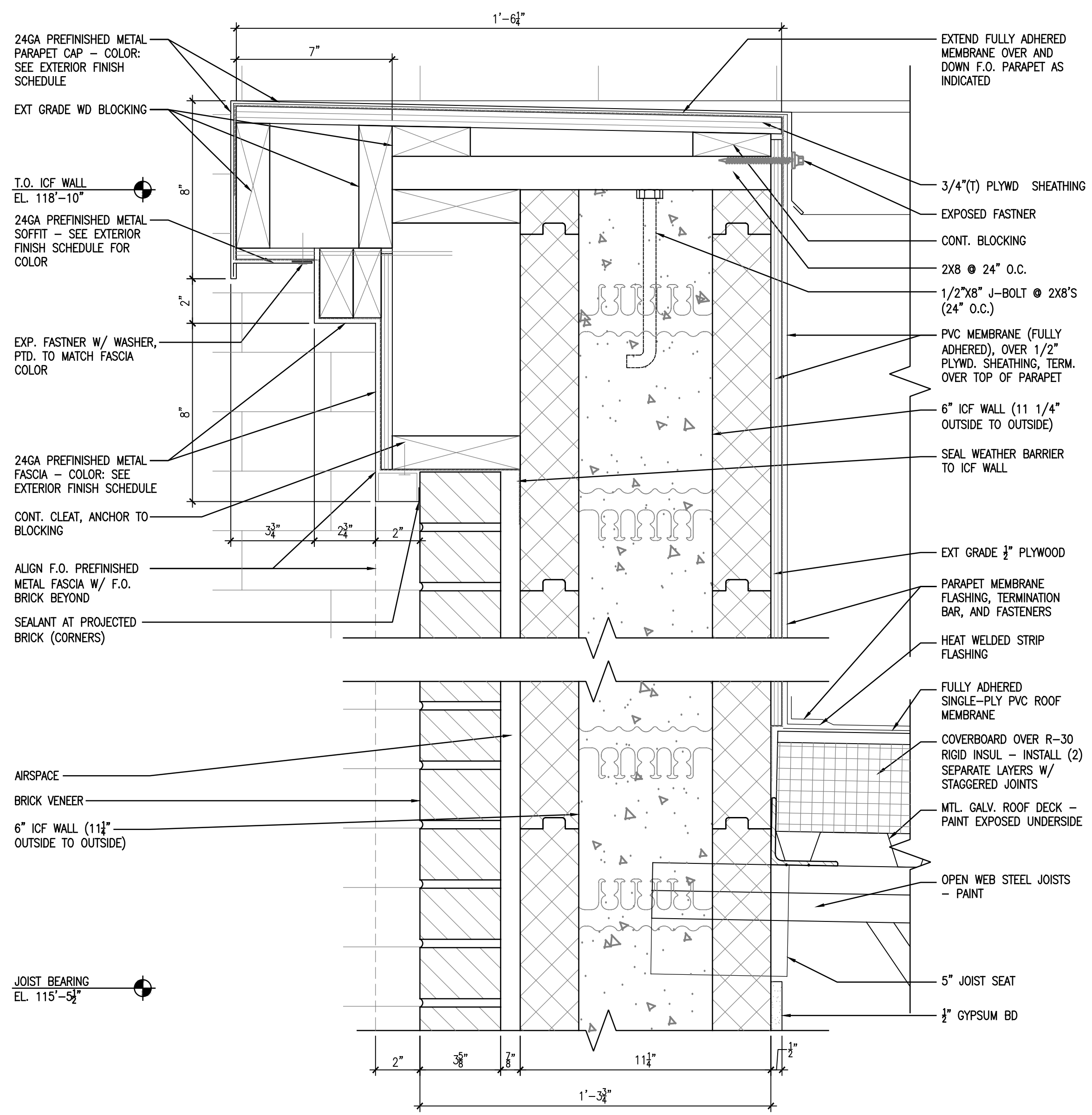
A5.06



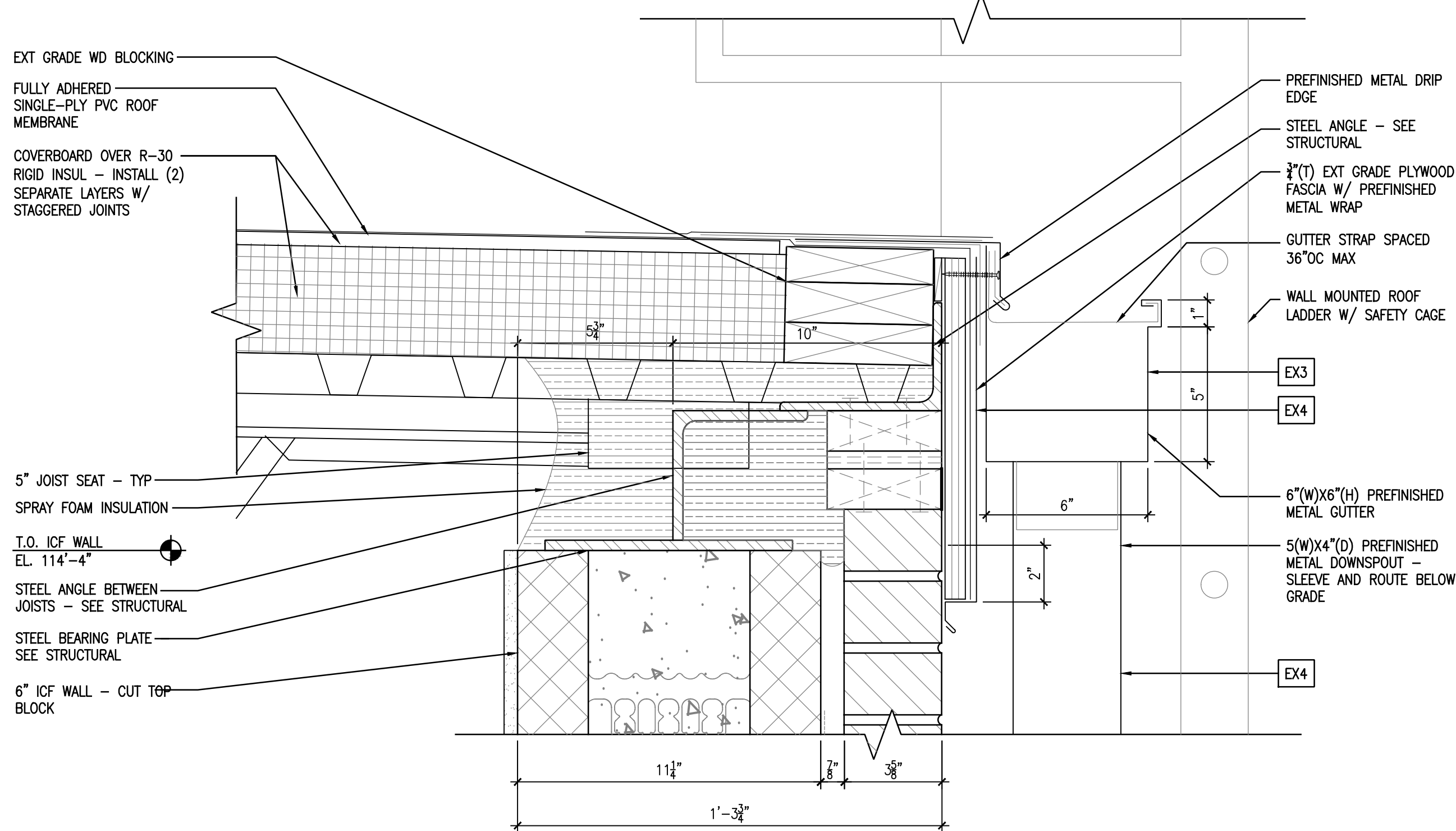
2
A5.06
ENLARGED DETAIL
3" = 1'-0"



5
A5.06
PARAPET DETAIL
3" = 1'-0"



1
A5.06
ROOF DETAIL
3" = 1'-0"



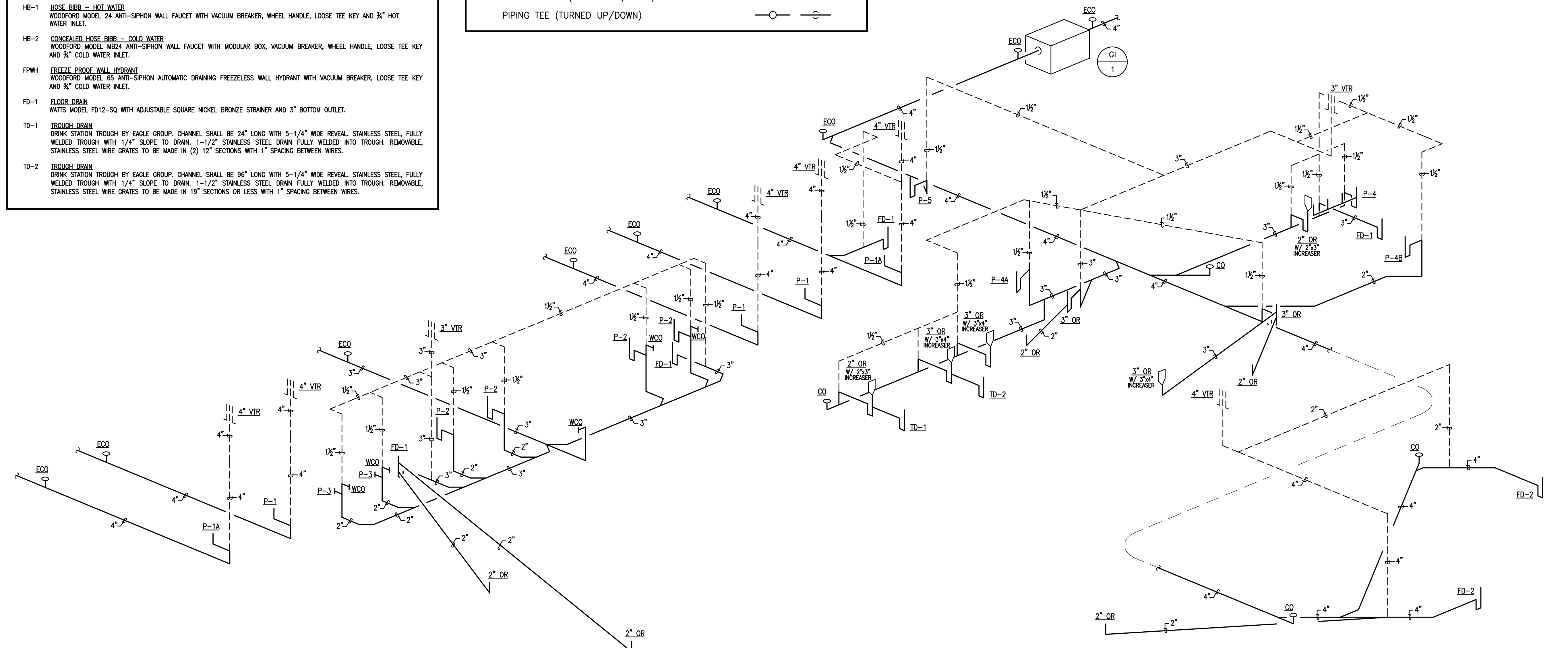
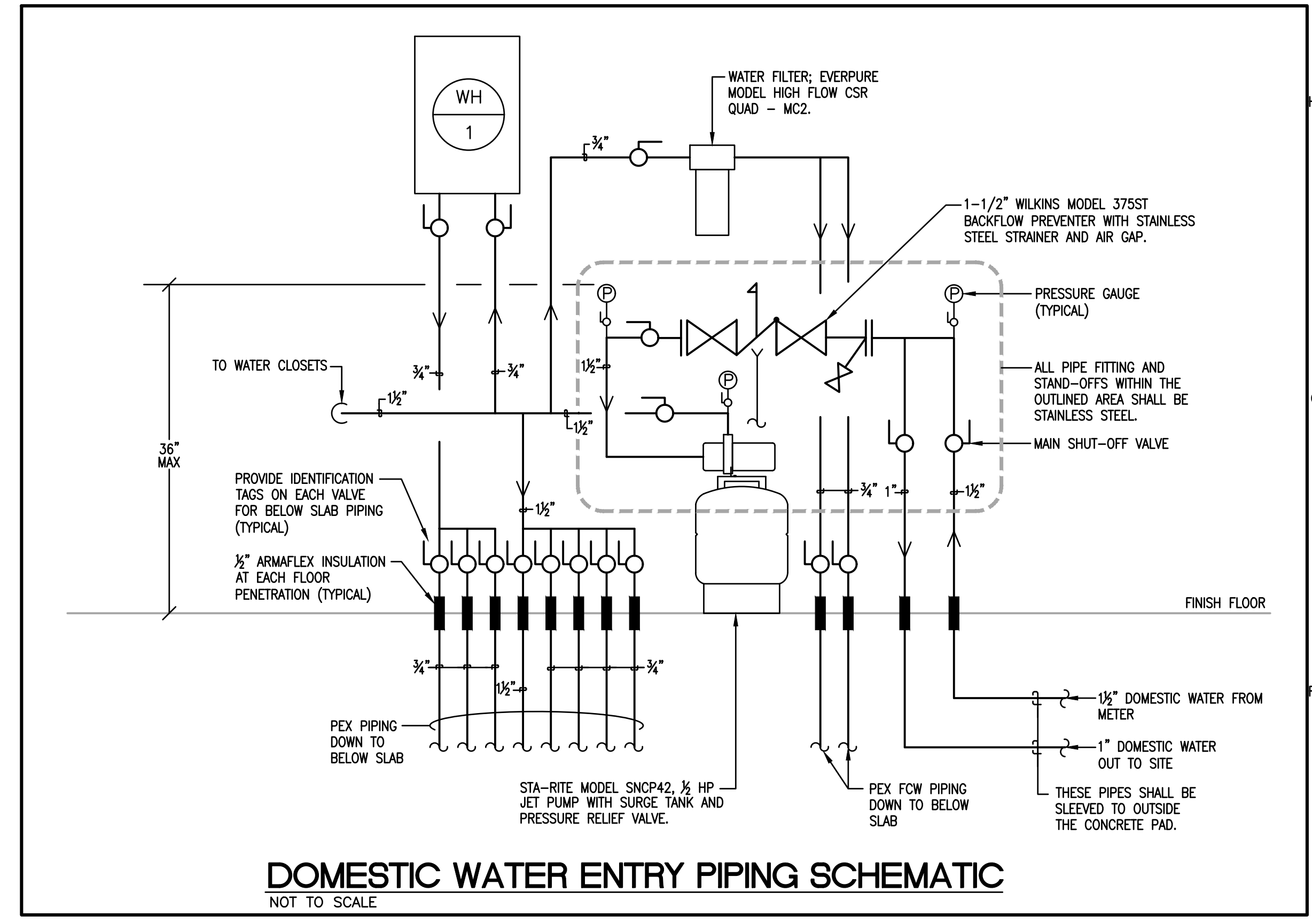
4
A5.06
ROOF DETAIL
3" = 1'-0"

PLUMBING FIXTURE SPECIFICATIONS:

- P-1 **WATER CLOSET - FLUSH VALVE, FLOOR MOUNTED - STANDARD HEIGHT**
AMERICAN STANDARD MODEL 2234.015 "MADERA", VITREOUS CHINA, SIPHON JET, 1/2" TOP SPUD, ELONGATED BOWL WATER CLOSET WITH CHINA BOLT CAPS AND BEHNS MODEL 1955C WHITE OPEN FRONT SEAT WITH CHECK HINGE. FLUSH VALVE SHALL BE AS FOLLOWS:
- SLOAN OPTIMA MODEL 111-ES-S "REGAL PRO" SENSOR OPERATED 1.6 GPF WATER CLOSET FLUSH VALVE WITH TRANSFORMER AND POLISHED CHROME FINISH.
- P-1A **WATER CLOSET - FLUSH VALVE, FLOOR MOUNTED - ADA HEIGHT**
AMERICAN STANDARD MODEL 3043.102 "MADERA", VITREOUS CHINA, 17" HIGH, SIPHON JET, 1/2" TOP SPUD, ELONGATED BOWL WATER CLOSET WITH CHINA BOLT CAPS AND BEHNS MODEL 1955C WHITE OPEN FRONT SEAT WITH CHECK HINGE. INSTALL THE FLUSH VALVE ON THE "TOP" SIDE OF THE WATER CLOSET. FLUSH VALVE SHALL BE AS FOLLOWS:
- SLOAN OPTIMA MODEL 111-ES-S "REGAL PRO" SENSOR OPERATED 1.6 GPF WATER CLOSET FLUSH VALVE WITH TRANSFORMER AND POLISHED CHROME FINISH.
- P-2 **LAVATORY - BOWL INTEGRAL TO COUNTERTOP - INFRARED FAUCET**
REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR COORDINATION OF LAVATORY BOWL INTEGRAL TO COUNTERTOP. PROVIDE LAVATORY DRAIN WITH INTERGRAL PERFORATED STRAINER, 3/8" RIGID SUPPLIES WITH STOPS AND P-TRAP. LAVATORY TRIM SHALL BE AS FOLLOWS:
- SENSOR OPERATED FAUCET SHALL BE SLOAN OPTIMA MODEL ETI-600 WITH POLISHED CHROME-PLATED CAST BRASS FAUCET BODY, 0.5 GPM VANDAL RESISTANT AERATOR, MIXING VALVE AND TRANSFORMER.
- P-3 **URINAL - WALL HUNG - ADA**
TOTO MODEL UT105UG VITREOUS CHINA WALL-HUNG, 0.125 GPF URINAL WITH 3/4" TOP SPUD AND CONCEALED WALL HANGER BRACKETS. FLUSH VALVE SHALL BE AS FOLLOWS:
- SLOAN OPTIMA MODEL 186-0.125 DBP ESS SENSOR OPERATED 0.125 GPF URINAL FLUSH VALVE WITH TRANSFORMER AND POLISHED CHROME FINISH.
- P-4 **VORTEX WASH SYSTEM**
BI-LINE VORTEX WASH SYSTEM MODEL L-R 36W. FOUR COMPARTMENT TYPE WITH 3HP WASH PUMP AND 5KW ELECTRIC TANK HEAT WITH 208V/3P/50 ELECTRICAL CONNECTION. PROVIDE WITH (3) T&S B-3990 LEVER HANDLE WASTES, P-TRAP, PERFORATED SCRAP BASKETS, UTENSIL BASKET, SHEET PAN RACK, DRAIN AND ESCUTCHEONS. SINK TRIM SHALL BE AS FOLLOWS:
- (2) 3/4" NPT MIXING FAUCETS.
- (1) 1/2" NPT PRE-RINSE SPRAY
- P-4A **HAND SINK - BOWL INTEGRAL TO COUNTERTOP - GOOSENECK FAUCET**
REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR COORDINATION OF LAVATORY BOWL INTEGRAL TO COUNTERTOP. PROVIDE LAVATORY DRAIN WITH INTERGRAL PERFORATED STRAINER, 3/8" RIGID SUPPLIES WITH STOPS AND P-TRAP. LAVATORY TRIM SHALL BE AS FOLLOWS:
- GOOSENECK FAUCET SHALL BE MOEN MODEL 8938 "SANI-STREAM" WITH POLISHED CHROME-PLATED CAST BRASS FAUCET BODY, 3-1/2" SPOUT, 2.0 GPM AERATOR AND WRIST BLADE HANDLES.
- P-4B **HAND SINK - WALL-HUNG**
MANSFIELD GRAND ISLE MODEL 2018HNS VITREOUS CHINA LAVATORY WITH 4" CENTER FAUCET HOLES. PROVIDE CONCEALED ARM CARRIER, LAVATORY DRAIN WITH INTEGRAL PERFORATED STRAINER, 3/8" RIGID SUPPLIES WITH STOPS AND P-TRAP AND ADA COMPLIANT TRAP WRAP. MOUNT LAVATORY AT ADA HEIGHT. LAVATORY TRIM SHALL BE AS FOLLOWS:
- SINGLE HANDLE FAUCET SHALL BE AMERICAN STANDARD RELIANT 3 MODEL 7385.004 WITH POLISHED CHROME-PLATED CAST BRASS FAUCET BODY WITH 1.2 GPM AERATOR.
- P-5 **MOP BASIN - 24"x24" - RECESSED IN FLOOR**
ZURN MODEL Z1966-24 MOP SERVICE BASIN WITH MOLDED HIGH DENSITY COMPOSIT BASIN, PVC DRAIN BODY, STAINLESS STEEL STRAINER AND 3" GASKETED OUTLET CONNECTION. BASIN SHALL BE RECESSED IN CONCRETE FLOOR. REFERENCE DETAIL ON DRAWING A-551 FOR ADDITIONAL INFORMATION.
- P-6 **ICE MAKER CONNECTION BOX**
IPS CORPORATION WATER-TITE MODEL AB9702HA ICE MAKER OUTLET BOX WITH INTEGRAL WATER HAMMER ARRESTOR AND PRELOADED NUTS. FIELD PAINT EXPOSED PORTION OF BOX TO MATCH ADJACENT WALL SURFACES. VERIFY PIPE CONNECTION TYPE PRIOR TO ORDERING.
- HB **HOSE BIBB - COLD WATER**
WOODFORD MODEL 24 ANTI-SIPHON WALL FAUCET WITH VACUUM BREAKER, REMOVABLE KEYED HANDLE, LOOSE TEE KEY AND 3/4" COLD WATER INLET.
- HB-1 **HOSE BIBB - HOT WATER**
WOODFORD MODEL 24 ANTI-SIPHON WALL FAUCET WITH VACUUM BREAKER, WHEEL HANDLE, LOOSE TEE KEY AND 3/4" HOT WATER INLET.
- HB-2 **CONCEALED HOSE BIBB - COLD WATER**
WOODFORD MODEL MB24 ANTI-SIPHON WALL FAUCET WITH MODULAR BOX, VACUUM BREAKER, WHEEL HANDLE, LOOSE TEE KEY AND 3/4" COLD WATER INLET.
- FPWH **FREEZE PROOF WALL HYDRANT**
WOODFORD MODEL 65 ANTI-SIPHON AUTOMATIC DRAINING FREEZELESS WALL HYDRANT WITH VACUUM BREAKER, LOOSE TEE KEY AND 3/4" COLD WATER INLET.
- FD-1 **FLOOR DRAIN**
WATTS MODEL FD12-SQ WITH ADJUSTABLE SQUARE NICKEL BRONZE STRAINER AND 3" BOTTOM OUTLET.
- TD-1 **TROUGH DRAIN**
DRINK STATION TROUGH BY EAGLE GROUP. CHANNEL SHALL BE 24" LONG WITH 5-1/4" WIDE REVEAL STAINLESS STEEL, FULLY WELDED TROUGH WITH 1/4" SLOPE TO DRAIN. 1-1/2" STAINLESS STEEL DRAIN FULLY WELDED INTO TROUGH. REMOVABLE, STAINLESS STEEL WIRE GRATES TO BE MADE IN (2) 12" SECTIONS WITH 1" SPACING BETWEEN WIRES.
- TD-2 **TROUGH DRAIN**
DRINK STATION TROUGH BY EAGLE GROUP. CHANNEL SHALL BE 96" LONG WITH 5-1/4" WIDE REVEAL STAINLESS STEEL, FULLY WELDED TROUGH WITH 1/4" SLOPE TO DRAIN. 1-1/2" STAINLESS STEEL DRAIN FULLY WELDED INTO TROUGH. REMOVABLE, STAINLESS STEEL WIRE GRATES TO BE MADE IN 19" SECTIONS OR LESS WITH 1" SPACING BETWEEN WIRES.

PLUMBING LEGEND

ABOVE FINISHED FLOOR	AFF
AREA DRAIN	AD
CLEANOUT	CO
COLD WATER	CW
ELECTRICAL CONTRACTOR	EC
EXTERIOR CLEANOUT (PVC FEMALE ADAPTER W/ BRASS CAP)	ECO
FLOOR DRAIN	FD
FREEZE PROOF WALL HYDRANT	FPWH
GENERAL CONTRACTOR	GC
GREASE INTERCEPTOR	GI
HOSE BIBB	HB
HOT WATER	HW
MECHANICAL CONTRACTOR	MC
OPEN RECEPTACLE	OR
PLUMBING CONTRACTOR	PC
POLYVINYL CHLORIDE	PVC
TYPICAL	TYP
VENT THROUGH ROOF	VR
WATER HEATER	WH
SANITARY PIPING	— SAN —
GREASE WASTE PIPING	— GL —
STORM PIPING	— SS —
SANITARY VENT PIPING	— V —
DOMESTIC COLD WATER PIPING	— — —
DOMESTIC HOT WATER PIPING (110° F)	— — —
FILTERED COLD WATER	— FCW —
PRESSURE GAUGE	⊕
SOLENOID VALVE	⊗
BALL VALVE	⊙
SHUT-OFF VALVE AT EQUIPMENT	⊕
BALL VALVE IN RISER	⊗
PIPING ELBOW (TURNED UP/DOWN)	⊙
PIPING TEE (TURNED UP/DOWN)	⊕



SANITARY WASTE AND VENT RISER DIAGRAM

NOT TO SCALE

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EXPIRES 12/31/2024

PLUMBING LEGEND AND DETAILS

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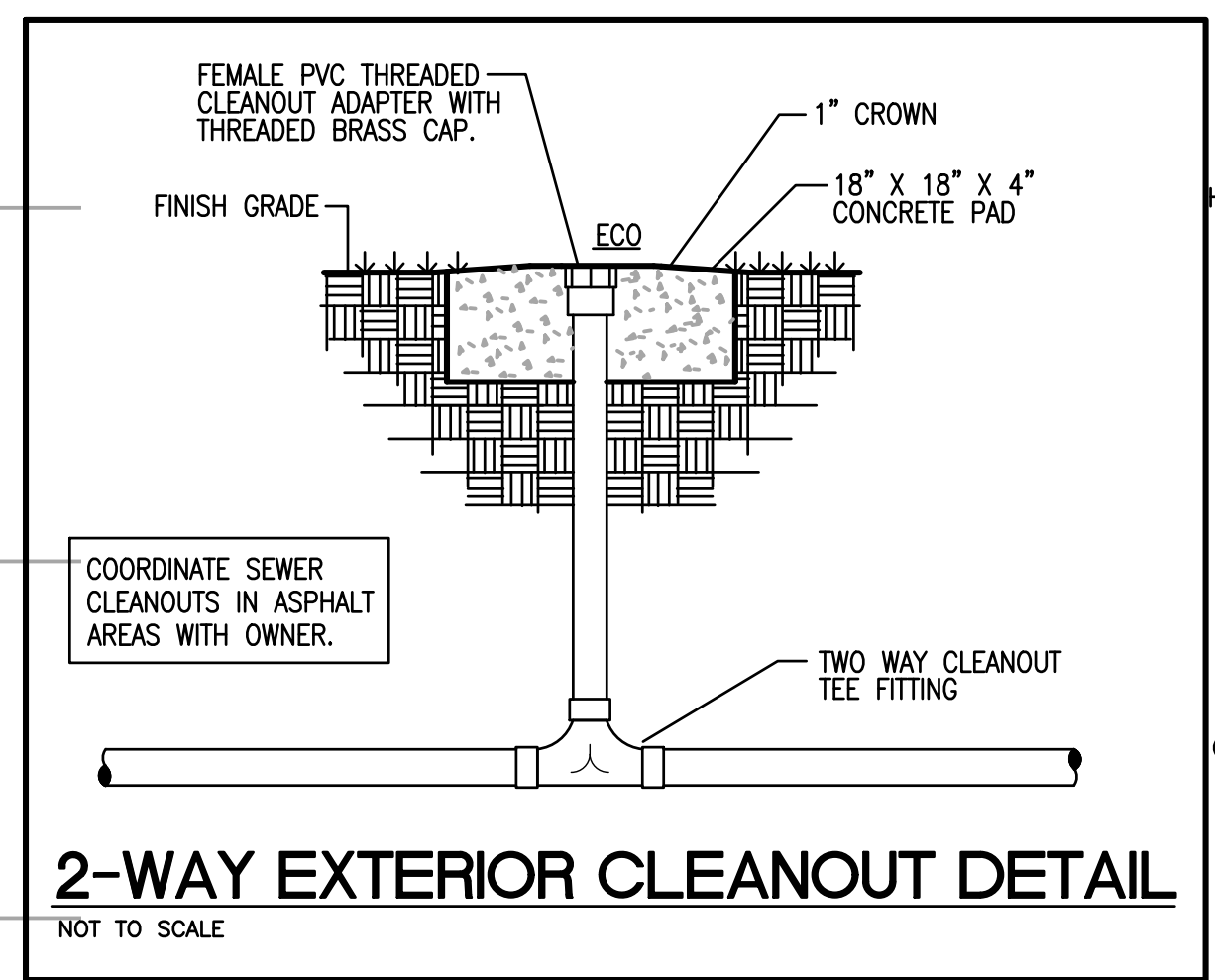
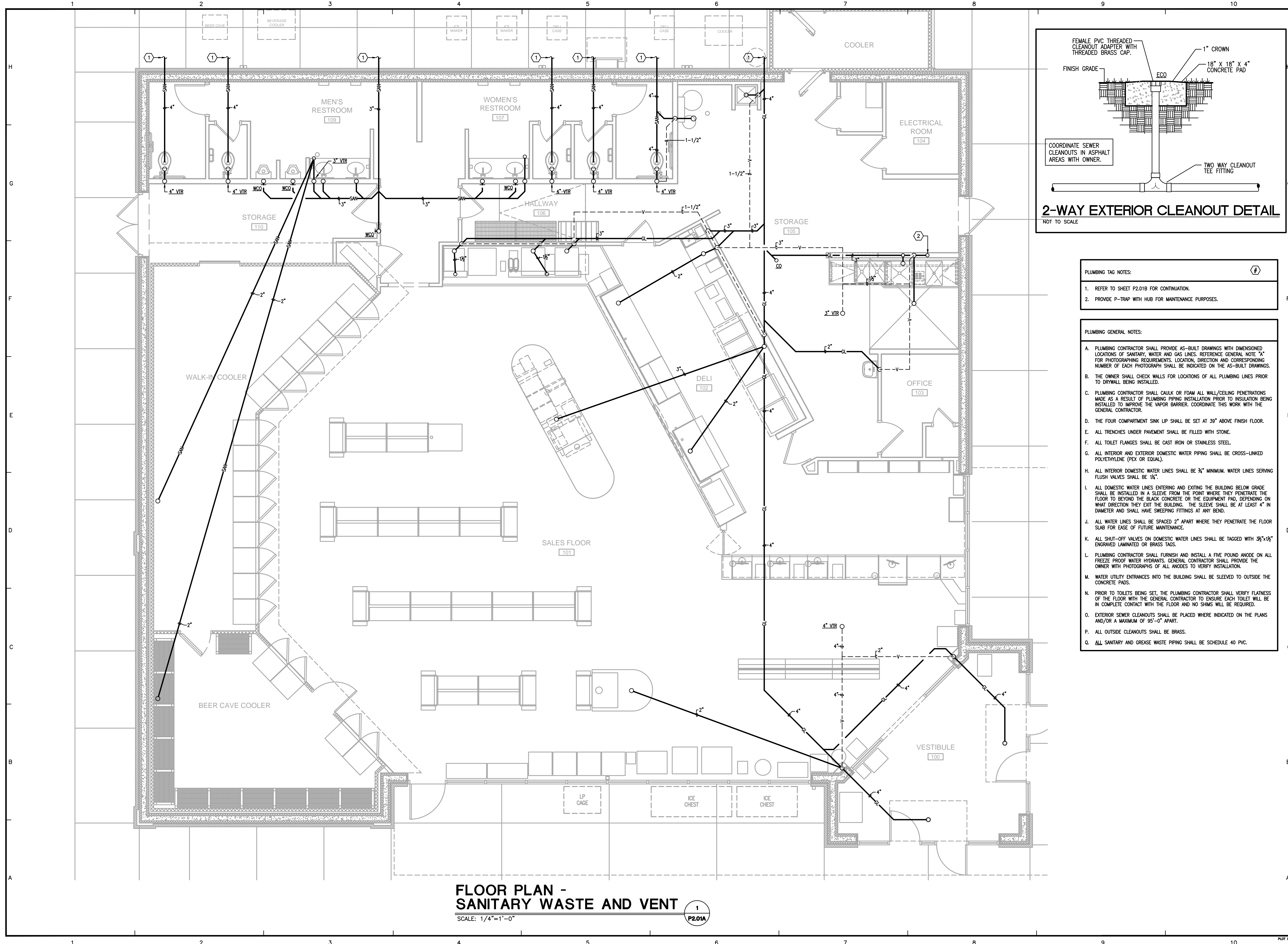
CONSTRUCTION DOCUMENTS

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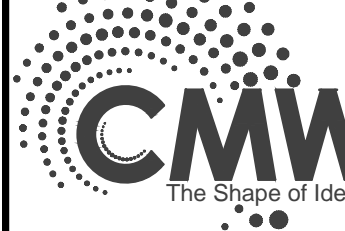
- PLUMBING TAG NOTES:
- REFER TO SHEET P2.01B FOR CONTINUATION.
 - PROVIDE P-TRAP WITH HUB FOR MAINTENANCE PURPOSES.

- PLUMBING GENERAL NOTES:
- PLUMBING CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS WITH DIMENSIONED LOCATIONS OF SANITARY, WATER AND GAS LINES. REFERENCE GENERAL NOTE "A" FOR PHOTOGRAPHING REQUIREMENTS. LOCATION, DIRECTION AND CORRESPONDING NUMBER OF EACH PHOTOGRAPHY SHALL BE INDICATED ON THE AS-BUILT DRAWINGS.
 - THE OWNER SHALL CHECK WALLS FOR LOCATIONS OF ALL PLUMBING LINES PRIOR TO DRYWALL BEING INSTALLED.
 - PLUMBING CONTRACTOR SHALL CAULK OR FOAM ALL WALL/CEILING PENETRATIONS MADE AS A RESULT OF PLUMBING PIPING INSTALLATION PRIOR TO INSULATION BEING INSTALLED TO IMPROVE THE VAPOR BARRIER. COORDINATE THIS WORK WITH THE GENERAL CONTRACTOR.
 - THE FOUR COMPARTMENT SINK LIP SHALL BE SET AT 39" ABOVE FINISH FLOOR.
 - ALL TRENCHES UNDER PAVEMENT SHALL BE FILLED WITH STONE.
 - ALL TOILET FLANGES SHALL BE CAST IRON OR STAINLESS STEEL.
 - ALL INTERIOR AND EXTERIOR DOMESTIC WATER PIPING SHALL BE CROSS-LINKED POLYETHYLENE (PEX OR EQUAL).
 - ALL INTERIOR DOMESTIC WATER LINES SHALL BE 3/4" MINIMUM. WATER LINES SERVING FLUSH VALVES SHALL BE 1/2".
 - ALL DOMESTIC WATER LINES ENTERING AND EXITING THE BUILDING BELOW GRADE SHALL BE INSTALLED IN A SLEEVE FROM THE POINT WHERE THEY PENETRATE THE FLOOR TO BEYOND THE BLACK CONCRETE OR THE EQUIPMENT PAD, DEPENDING ON WHAT DIRECTION THEY EXIT THE BUILDING. THE SLEEVE SHALL BE AT LEAST 4" IN DIAMETER AND SHALL HAVE SWEEPING FITTINGS AT ANY BEND.
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 - WATER UTILITY ENTRANCES INTO THE BUILDING SHALL BE SLEEVED TO OUTSIDE THE CONCRETE PADS.
 - PRIOR TO TOILETS BEING SET, THE PLUMBING CONTRACTOR SHALL VERIFY FLATNESS OF THE FLOOR WITH THE GENERAL CONTRACTOR TO ENSURE EACH TOILET WILL BE IN COMPLETE CONTACT WITH THE FLOOR AND NO SHIMS WILL BE REQUIRED.
 - EXTERIOR SEWER CLEANOUTS SHALL BE PLACED WHERE INDICATED ON THE PLANS AND/OR A MAXIMUM OF 95'-0" APART.
 - ALL OUTSIDE CLEANOUTS SHALL BE BRASS.
 - ALL SANITARY AND GREASE WASTE PIPING SHALL BE SCHEDULE 40 PVC.

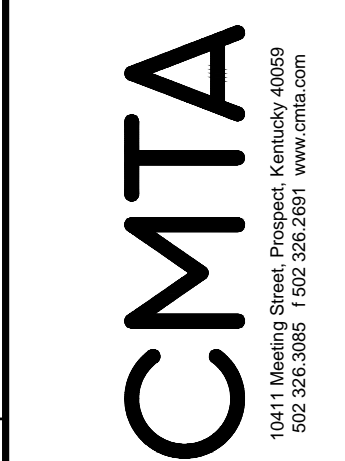
**FLOOR PLAN -
SANITARY WASTE AND VENT**

SCALE: 1/4"=1'-0"

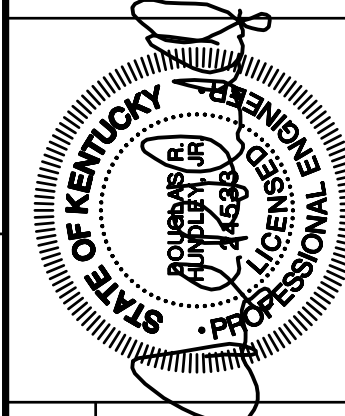
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P2.01A



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FLOOR PLAN - SANITARY WASTE AND VENT

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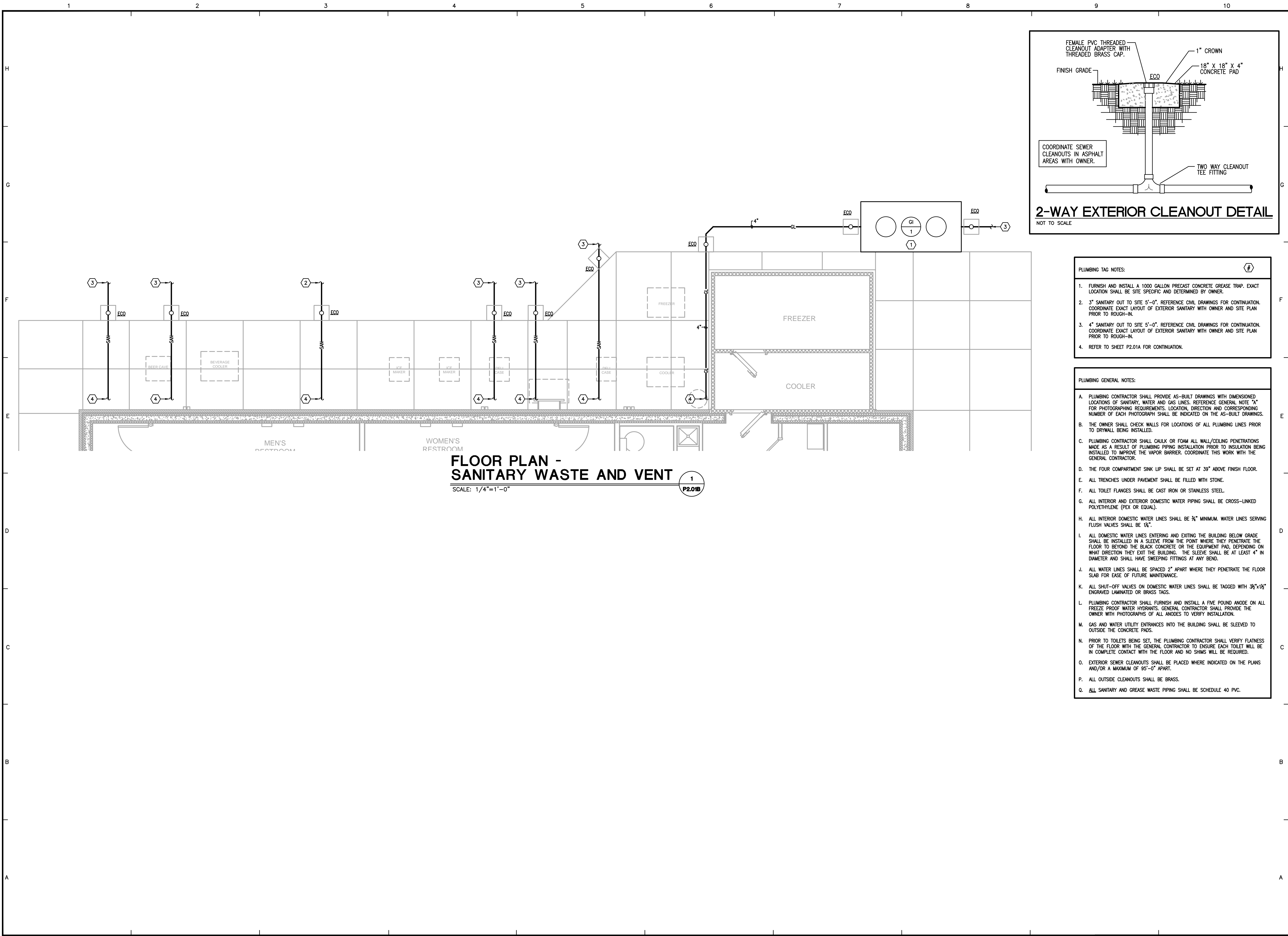
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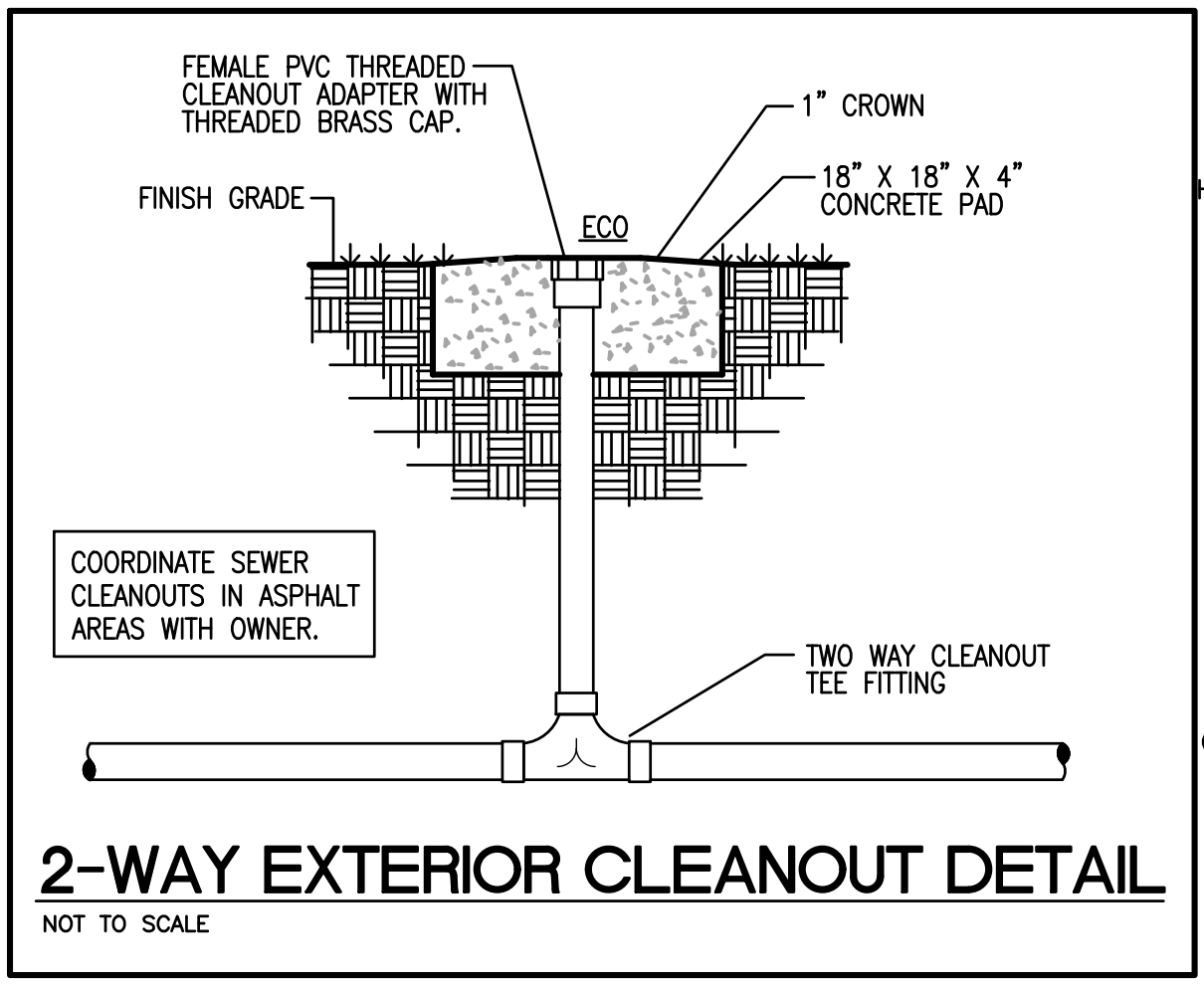
P-2.01A



**FLOOR PLAN -
SANITARY WASTE AND VENT**

SCALE: 1/4"=1'-0"

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P2.01B



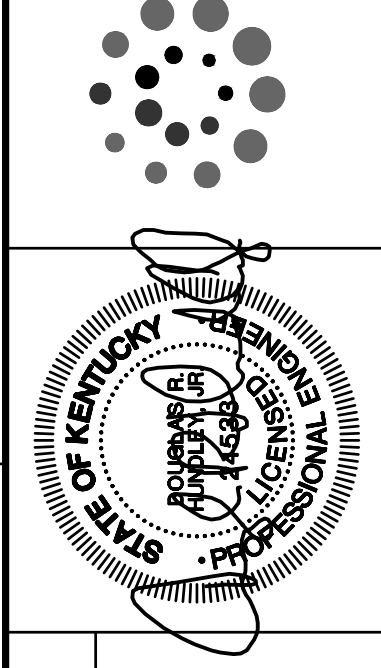
2-WAY EXTERIOR CLEANOUT DETAIL
NOT TO SCALE

- PLUMBING TAG NOTES:**
1. FURNISH AND INSTALL A 1000 GALLON PRECAST CONCRETE GREASE TRAP. EXACT LOCATION SHALL BE SITE SPECIFIC AND DETERMINED BY OWNER.
 2. 3" SANITARY OUT TO SITE 5'-0". REFERENCE CIVIL DRAWINGS FOR CONTINUATION. COORDINATE EXACT LAYOUT OF EXTERIOR SANITARY WITH OWNER AND SITE PLAN PRIOR TO ROUGH-IN.
 3. 4" SANITARY OUT TO SITE 5'-0". REFERENCE CIVIL DRAWINGS FOR CONTINUATION. COORDINATE EXACT LAYOUT OF EXTERIOR SANITARY WITH OWNER AND SITE PLAN PRIOR TO ROUGH-IN.
 4. REFER TO SHEET P2.01A FOR CONTINUATION.

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FLOOR PLAN - SANITARY WASTE AND VENT
FiveStar #2000 - Brandenburg
NEWCOMB OIL CO., LLC
2121 BRANDENBURG RD
BRANDENBURG, KY

CONSTRUCTION DOCUMENTS

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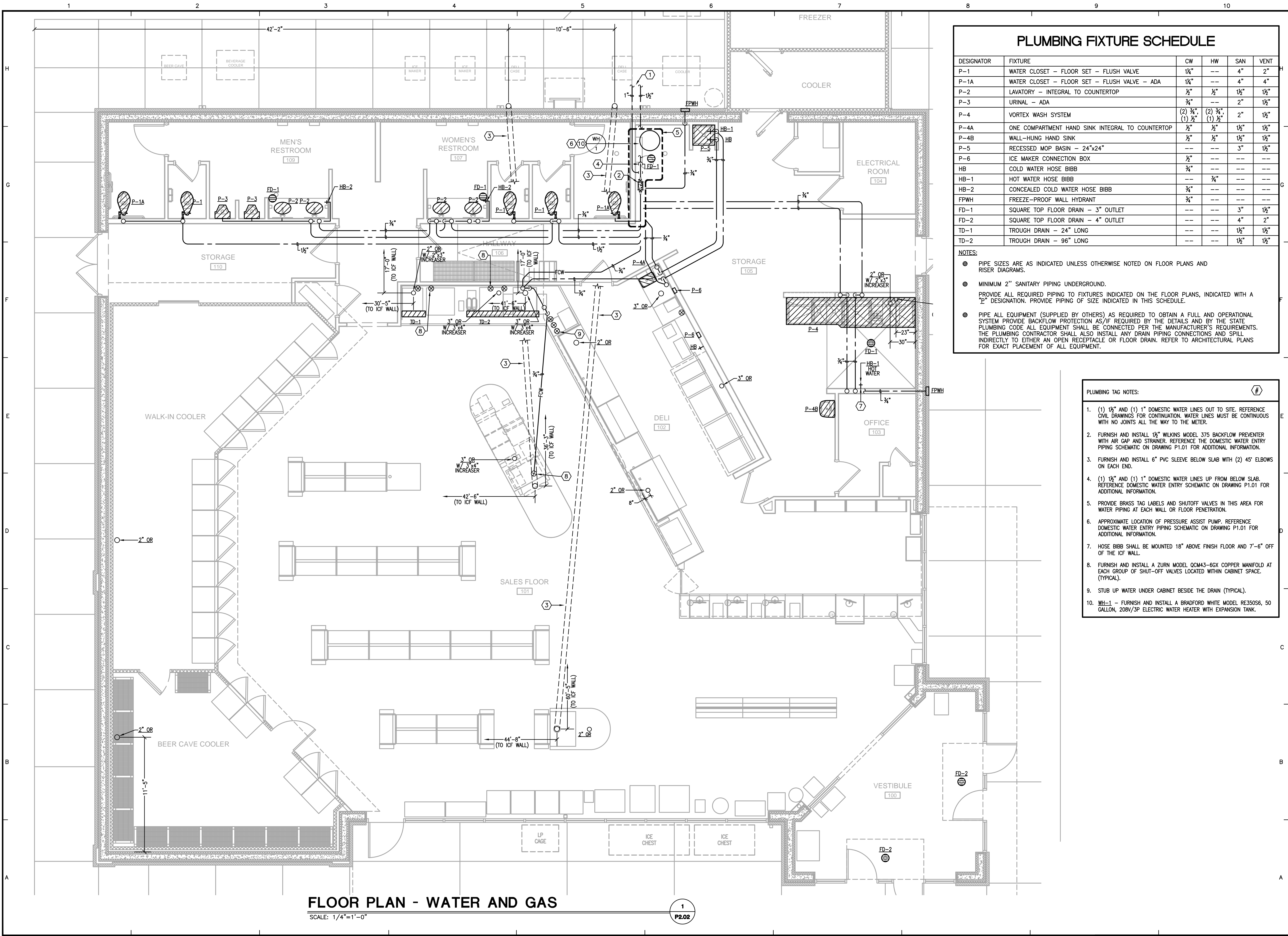
PLUMBING FIXTURE SCHEDULE

DESIGNATOR	FIXTURE	CW	HW	SAN	VENT
P-1	WATER CLOSET - FLOOR SET - FLUSH VALVE	1/4"	--	4"	2"
P-1A	WATER CLOSET - FLOOR SET - FLUSH VALVE - ADA	1/4"	--	4"	4"
P-2	LAVATORY - INTEGRAL TO COUNTERTOP	1/2"	1/2"	1 1/2"	1 1/2"
P-3	URINAL - ADA	3/4"	--	2"	1 1/2"
P-4	VORTEX WASH SYSTEM	(2) 3/4", (1) 1/2"	(2) 3/4", (1) 1/2"	2"	1 1/2"
P-4A	ONE COMPARTMENT HAND SINK INTEGRAL TO COUNTERTOP	1/2"	1/2"	1 1/2"	1 1/2"
P-4B	WALL-HUNG HAND SINK	1/2"	1/2"	1 1/2"	1 1/2"
P-5	RECESSED MOP BASIN - 24"x24"	--	--	3"	1 1/2"
P-6	ICE MAKER CONNECTION BOX	1/2"	--	--	--
HB	COLD WATER HOSE BIBB	3/4"	--	--	--
HB-1	HOT WATER HOSE BIBB	--	3/4"	--	--
HB-2	CONCEALED COLD WATER HOSE BIBB	3/4"	--	--	--
FPWH	FREEZE-PROOF WALL HYDRANT	3/4"	--	--	--
FD-1	SQUARE TOP FLOOR DRAIN - 3" OUTLET	--	--	3"	1 1/2"
FD-2	SQUARE TOP FLOOR DRAIN - 4" OUTLET	--	--	4"	2"
TD-1	TROUGH DRAIN - 24" LONG	--	--	1 1/2"	1 1/2"
TD-2	TROUGH DRAIN - 96" LONG	--	--	1 1/2"	1 1/2"

NOTES:

- PIPE SIZES ARE AS INDICATED UNLESS OTHERWISE NOTED ON FLOOR PLANS AND RISER DIAGRAMS.
- MINIMUM 2" SANITARY PIPING UNDERGROUND.
PROVIDE ALL REQUIRED PIPING TO FIXTURES INDICATED ON THE FLOOR PLANS, INDICATED WITH A "P" DESIGNATION. PROVIDE PIPING OF SIZE INDICATED IN THIS SCHEDULE.
- PIPE ALL EQUIPMENT (SUPPLIED BY OTHERS) AS REQUIRED TO OBTAIN A FULL AND OPERATIONAL SYSTEM PROVIDE BACKFLOW PROTECTION AS/IF REQUIRED BY THE DETAILS AND BY THE STATE PLUMBING CODE ALL EQUIPMENT SHALL BE CONNECTED PER THE MANUFACTURER'S REQUIREMENTS. THE PLUMBING CONTRACTOR SHALL ALSO INSTALL ANY DRAIN PIPING CONNECTIONS AND SPILL INDIRECTLY TO EITHER AN OPEN RECEPTACLE OR FLOOR DRAIN. REFER TO ARCHITECTURAL PLANS FOR EXACT PLACEMENT OF ALL EQUIPMENT.

- PLUMBING TAG NOTES:**
- (1) 1/2" AND (1) 1" DOMESTIC WATER LINES OUT TO SITE. REFERENCE CIVIL DRAWINGS FOR CONTINUATION. WATER LINES MUST BE CONTINUOUS WITH NO JOINTS ALL THE WAY TO THE METER.
 - FURNISH AND INSTALL 1/2" WILKINS MODEL 375 BACKFLOW PREVENTER WITH AIR GAP AND STRAINER. REFERENCE THE DOMESTIC WATER ENTRY PIPING SCHEMATIC ON DRAWING P1.01 FOR ADDITIONAL INFORMATION.
 - FURNISH AND INSTALL 6" PVC SLEEVE BELOW SLAB WITH (2) 45° ELBOWS ON EACH END.
 - (1) 1/2" AND (1) 1" DOMESTIC WATER LINES UP FROM BELOW SLAB. REFERENCE DOMESTIC WATER ENTRY PIPING SCHEMATIC ON DRAWING P1.01 FOR ADDITIONAL INFORMATION.
 - PROVIDE BRASS TAG LABELS AND SHUTOFF VALVES IN THIS AREA FOR WATER PIPING AT EACH WALL OR FLOOR PENETRATION.
 - APPROXIMATE LOCATION OF PRESSURE ASSIST PUMP. REFERENCE DOMESTIC WATER ENTRY PIPING SCHEMATIC ON DRAWING P1.01 FOR ADDITIONAL INFORMATION.
 - HOSE BIBB SHALL BE MOUNTED 18" ABOVE FINISH FLOOR AND 7'-6" OFF OF THE ICF WALL.
 - FURNISH AND INSTALL A ZURN MODEL QCM43-6GX COPPER MANIFOLD AT EACH GROUP OF SHUT-OFF VALVES LOCATED WITHIN CABINET SPACE. (TYPICAL).
 - STUB UP WATER UNDER CABINET BESIDE THE DRAIN (TYPICAL).
 - WH-1 - FURNISH AND INSTALL A BRADFORD WHITE MODEL RE350S6, 50 GALLON, 208V/3P ELECTRIC WATER HEATER WITH EXPANSION TANK.



FLOOR PLAN - WATER AND GAS
SCALE: 1/4"=1'-0"

EXHAUST FAN			
SYMBOL	EF-2	EF-3	EF-4
MANUFACTURER	COOK	COOK	COOK
MODEL	GCVF-500	GCVF-500	GCVF-500
CFM	300	225	300
S.P.	0.3"	0.3"	0.3"
FAN RPM	1,368	1,176	1,368
SONES	5	3	5
VOLTAGE	115/1/60	115/1/60	115/1/60
MOTOR HP	0.167	0.167	0.167
WATTS	53	29	53
REMARKS	1-5	1-5	1-6

- REMARKS:**
- UNIT TO BE SUPPLIED WITH AN ALUMINUM EXTERIOR WALL CAP WITH BIRDSCREEN AND BACKDRIFT DAMPER.
 - UNIT TO BE PROVIDED WITH SPEED CONTROLLER.
 - THE EXHAUST FAN SHALL BE UL LISTED.
 - PROVIDE WITH VIBRATION ISOLATION HANGING/SUPPORT KIT (NEOPENRE).
 - PROVIDE WITH WHITE ALUMINUM EXHAUST GRILLE. PROVIDE WITH REMOTE THERMOSTAT AND TEMPERATURE CONTROLLER. FAN IS TO OPERATE TO MAINTAIN ROOM SETPOINT OF 80 DEG (ADJ.).

AIR BARRIER SCHEDULE		
DRAWING TAG	AB-1	AB-2
MANUF. & MODEL	BERNER CHD10-1042A	BERNER CHD10-2072A
MOUNTING TYPE	ABOVE DOOR	ABOVE DOOR
NOMINAL AIRFLOW (CFM)	1,784	3,608
MOTOR CONNECTION	208 / 1φ / 60	208 / 1φ / 60
HEATER CONNECTION	N/A	N/A
MOTOR AMPERAGE	3.5	7.0
FAN SIZE / COUNT	1/2 HP / (1)	1/2 HP / (2)
SOUND POWER (dBA)	66	69
REMARKS	1,2,3,4,5,6,7	1,2,3,4,5,6,7

- REMARKS:**
- PROVIDE WITH NEMA 1 ROLLER DOOR SWITCH.
 - COORDINATE UNIT COLOR WITH OWNER.
 - PROVIDE WITH NON-FUSIBLE DISCONNECT IN ACCESSIBLE LOCATION.
 - FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 - PROVIDE UNIT WITH MOUNTING ACCESSORIES AS NECESSARY.
 - PROVIDE UNIT WITH 5 YEAR WARRANTY.
 - UNIT IS TO HAVE A SINGLE POINT CONNECTION.

RANGE HOOD	
SYMBOL	RH-1
MANUFACTURER	CAPTIVEAIRE
MODEL	4224EX-2-B
SERVICE	DELI AREA
PHYSICAL SIZE	150" L X 42" D
INTEGRAL FIRE SUPPRESSION	NO
MOUNTING HEIGHT	6'-8" AFF
TYPE	TYPE 1
EXHAUST FAN	
MARK	EF-1
MANUFACTURER AND MODEL #	CAPTIVEAIRE - EADU180H
EXHAUST CFM/ESP	2,500 / 1.2"
ELECTRICAL (V/φ/HZ)	208 / 3 / 60
FAN HP/RPM	1.5 HP / 1,104
FLA	6.6
WEATHER PROOF DISCONNECT	YES
GREASE DRAIN	YES

- REMARKS:**
- RANGE HOOD IS OWNER FURNISHED, OWNER INSTALLED.
 - PROVIDE THE HOOD IN ONE SECTION. ATTACH UNIT TO WALL WITH MANUFACTURER'S WALL BRACKET. COORDINATE MOUNTING LOCATION WITH THE ARCHITECT.
 - ALL COMPONENTS OF THE RANGE HOOD SHALL BE UL LISTED.
 - UNIT TO BE PROVIDED WITH ELECTRIC RELAY SWITCH BOX FOR ELECTRIC RANGE. COORDINATE INSTALLATION WITH THE ELECTRICAL CONTRACTOR.
 - PROVIDE EXHAUST FAN WITH GREASE BOX, GREASE CUP, AND MANUFACTURER'S ROOF CURB.
 - PROVIDE HOOD WITH LED LIGHT FIXTURES.
 - INFORMATION IS PROVIDED FOR COORDINATION PURPOSES.
 - FAN IS TO BE UL LISTED FOR KITCHEN USE AND GREASE LADEN VAPORS.
 - PROVIDE HOOD WITH 24" FIELD WRAPPER.
 - FAN AND LIGHT CONTROLS ARE TO BE MOUNTED ON FRONT OF HOOD. EACH SWITCH SHALL HAVE AN INDICATOR LIGHT AND IDENTIFICATION PLACARD. COORDINATE EXACT LOCATION WITH OWNER.
 - THE REGULATED RELEASE MECHANISM SHALL BE COMPATIBLE WITH A FUSIBLE LINK DETECTION SYSTEM. THE FUSIBLE LINK SHALL BE SELECTED AND INSTALLED ACCORDING TO THE OPERATING TEMPERATURE IN THE VENTILATING SYSTEM. THE FUSIBLE LINK SHALL BE SUPPORTED BY A DETECTOR BRACKET/LINKAGE ASSEMBLY.
 - BALANCING CONTRACTOR TO BALANCE EXHAUST FAN TO WITHIN 5% OF LISTED AIRFLOW.
 - THE EXTINGUISHING AGENT SHALL BE A POTASSIUM CARBONATE, POTASSIUM ACETATE-BASED FORMULATION DESIGNED FOR FLAME KNOCKDOWN AND SECUREMENT OF GREASE RELATED FIRES. IT SHALL BE AVAILABLE IN PLASTIC CONTAINERS WITH INSTRUCTIONS FOR LIQUID AGENT HANDLING AND USAGE.
 - THE REGULATED RELEASE MECHANISM SHALL BE COMPATIBLE WITH A FUSIBLE LINK DETECTION SYSTEM. THE FUSIBLE LINK SHALL BE SELECTED AND INSTALLED ACCORDING TO THE OPERATING TEMPERATURE IN THE VENTILATING SYSTEM. THE FUSIBLE LINK SHALL BE SUPPORTED BY A DETECTOR BRACKET/LINKAGE ASSEMBLY.
 - BALANCING CONTRACTOR TO BALANCE EXHAUST FAN TO WITHIN 5% OF LISTED AIRFLOW.

MAKE-UP AIR UNIT	
GENERAL INFORMATION	
SYMBOL	MAU-1
MANUFACTURER	CAPTIVEAIRE
MODEL	E2-E.452-200-MPU
CFM / ESP	2,125 / 0.5"
HP / RPM	1 HP / 987
V/φ/HZ	208 / 3 / 60
FLA	3.8
HEAT - INPUT (KW) / OUTPUT (MBH)	45 / 153.6 MBH
TEMP. RISE	48° F
WEIGHT	1,600 LBS
CONDENSING UNIT INFORMATION	
V/φ/HZ	208 / 3 / 60
MCA / MOP	21.4 / 30
TOTAL / SENSIBLE CAPACITY (MBH)	58.0 / 34.1
ENTERING AIR DB / WB	95.0° F / 78.0° F
LEAVING AIR DB / WB	79.7° F / 71.1° F

- REMARKS:**
- ALL COMPONENTS OF THE MAKEUP AIR UNIT SHALL BE UL LISTED.
 - PROVIDE UNIT WITH COOLING INTERLOCK RELAY.
 - PROVIDE WITH LOW-FIRE START.
 - PROVIDE WITH SINGLE POINT POWER CONNECTIONS.
 - PROVIDE WITH DX COOLING INTAKE AIR THERMOSTAT AND RELAYS MOUNTED IN UNIT.
 - PROVIDE MAKEUP AIR UNIT WITH FACTORY MOUNTED AND WIRED CONTROL PANEL. PANEL SHALL CONTAIN (1) POWER DISCONNECT SWITCH AND (1) STARTER FOR SUPPLY FAN AND (1) STARTER FOR THE EXHAUST FAN. PANEL SHALL BE PRE-WIRED IN A NEMA OUTDOOR ENCLOSURE WITH STAINLESS STEEL HINGED AND LOCKABLE COVER.
 - PROVIDE A FULL PERIMETER ROOF CURB FOR MAKE-UP AIR UNIT.
 - PROVIDE WITH MOTORIZED BACKDRIFT DAMPER IN INTAKE OF UNIT INTERLOCKED TO OPEN WITH SUPPLY FAN. DAMPER SHALL HAVE SEALS.
 - PROVIDE A REMOTE RANGEHOOD CONTROL PANEL WHERE INDICATED ON THE NEW WORK DRAWINGS. PANEL SHALL HAVE TWO (2) SWITCHES; (1) ACTIVATE SUPPLY AND EXHAUST FAN, (2) ACTIVATE HOOD LIGHTS, EACH SWITCH SHALL HAVE AN INDICATOR LIGHT AND IDENTIFICATION PLACARD.
 - BALANCING CONTRACTOR TO BALANCE MAU TO WITHIN 5% OF LISTED AIRFLOW.

PACKAGED COOLING UNIT		
SYMBOL	PCU-1	PCU-2
AREA SERVED	GENERAL	SALES FLOOR
TYPE OF SYSTEM	DX COOLING / ELECTRIC HEAT	DX COOLING / ELECTRIC HEAT
MANF. & MODEL	TRANE TSH180	TRANE TSC060G3
CONFIGURATION	VERTICAL	VERTICAL
SINGLE POINT CONNECTION	YES	YES
VOLTAGE / PHASE	208 / 3φ	208 / 3φ
MCA / MOP	165.0 / 175.0	29.0 / 40.0
REMARKS (SEE NOTES BELOW)	1-17	1,2,3,4,6,8,11,12,13,15
SUPPLY FAN		
DESIGN CFM/RPM	6,000 / 1,248	2000 / 924
MIN. OUTSIDE AIR (CFM)	1,000	0
HP / BHP	3.0 / 2.54	1.0 / 0.58
VOLTS / PHASE / HZ	208 / 3 / 60	208 / 3 / 60
ESP	1.0"	0.47"
TSP	1.33"	-
DX COIL		
NET TOTAL COOLING CAP. (MBH)	169.9	58.5
NET SENSIBLE COOLING CAP. (MBH)	140.3	52.0
TOTAL CFM	6,000	2000
FACE VELOCITY (FPM)	240	245
NUMBER OF COMPRESSORS	2	1
EAT - SUMMER (DB/WB)	76.0 F / 63.0 F	75.0 F / 61.0 F
LAT (COIL) - SUMMER (DB/WB)	53.6 F / 52.8 F	55.6 F / 53.6 F
EER @ AHRI	11.0	12.0
HOT GAS REHEAT CAPACITY		
CAPACITY (MBH)	153.5	N/A
LAT (DB)	77.9 F	N/A
COIL MOISTURE REMOVAL (GAL/HR)	7.2	N/A
ELECTRIC HEATING		
FUEL	N/A	N/A
INPUT (KW) / OUTPUT HEATING CAP. (MBH)	54 / 184.4	N/A
EAT - WINTER (DB/WB)	57.0 F	N/A
LAT - WINTER (DB/WB)	84.8 F	N/A
DISPOSABLE PRIMARY FILTER		
TYPE	THROWAWAY	THROWAWAY
EFFICIENCY	MERV 8 PLEATED	MERV 8 PLEATED
SIZE (W" x H" x D")	20x25x2	20x35x2

- REMARKS:**
- PROVIDE FLEXIBLE CONNECTIONS FOR ALL DUCTWORK CONNECTIONS TO UNIT.
 - SLOPE CONDENSATE DRAIN TO OUTLET.
 - MOTORIZED OUTSIDE AIR DAMPER. (BALANCE MINIMUM OA TO 1000 CFM.)
 - PROVIDE UNIT WITH ENTHALPY ECONOMIZER AND ECONOMIZER HOOD.
 - PROVIDE UNIT WITH HINGED ACCESS DOORS FOR FILTER RACK.
 - BALANCE REPORT SHALL BE TURNED OVER TO GENERAL CONTRACTOR.
 - UNIT MANUFACTURER SHALL BE TRANE, NO EXCEPTIONS.
 - PROVIDE UNIT WITH BAROMETRIC RELIEF HOOD.
 - PROVIDE UNIT WITH FACTORY MOUNTED RETURN AIR SMOKE DETECTOR.
 - PROVIDE UNIT WITH HOT GAS REHEAT FOR DEHUMIDIFICATION MODE AND DUCT-MOUNTED HUMIDISTAT SET AT 50% RELATIVE HUMIDITY.
 - PROVIDE UNIT WITH MULTI-SPEED SUPPLY FAN STAGED WITH COMPRESSORS.

GENERAL NOTES (APPLICABLE TO ALL DRAWINGS)

- EACH CONTRACTOR, SUPPLIER AND, OR MANUFACTURER SHALL REFER TO ALL DOCUMENTS PERTAINING TO THIS PROJECT AND COORDINATE ACCORDINGLY SO AS TO ENSURE ADEQUACY OF FIT, COMPLIANCE WITH SPECIFICATIONS, PROPER VOLTAGE AND CURRENT CHARACTERISTICS AND AVOID CONFLICT WITH ANY OTHER BUILDINGS SYSTEMS. VERIFY SAME WITH SHOP DRAWINGS.
- ALL OFFSETS, TURNS, FITTINGS, TRIM, DETAIL, ETC., MAY NOT BE INDICATED, BUT SHALL BE PROVIDED AS REQUIRED. ADDITIONAL ALLOWANCES SHALL BE INCLUDED FOR SAME AT EACH PROPOSERS' DISCRETION.
- OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS (CITY, COUNTY, LOCAL, STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA, ETC.).
- ALL SYSTEMS, EQUIPMENT, AND MATERIALS ARE TO BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. WORK NOT DONE SO SHALL BE REMOVED AND REINSTALLED SATISFACTORILY.
- WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY OTHER BUILDING SYSTEM, CONTACT THE ENGINEERS BEFORE INSTALLATION. REFER ALSO TO ARCHITECTURAL WALL INTERIOR AND EXTERIOR WALL ELEVATIONS, CEILING HEIGHTS AND OTHER DETAIL OF THESE DOCUMENTS.
- DO NOT SCALE FROM DRAWINGS. PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE CONTRACTOR.
- THE PURPOSE AND INTENT OF ALL THE DOCUMENTS PERTAINING TO THIS PROJECT IS TO PROVIDE A COMPLETE, FUNCTIONAL, SAFE, NEW FACILITY. ANYTHING LESS SHALL BE UNACCEPTABLE.
- ANY VIBRATING, OSCILLATING, OR OTHER NOISE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING SYSTEMS IN AN APPROVED MANNER. NOISE OR STRUCTURALLY DAMAGING INSTALLATIONS SHALL BE SATISFACTORILY REPLACED OR REPAIRED AT THE INSTALLING CONTRACTOR'S EXPENSE. THE FINAL DECISION ON THE SUITABILITY OF A PARTICULAR INSTALLATION'S ACCEPTABILITY SHALL BE THAT OF THE ENGINEER.
- INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORD WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIONS. IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, NOTIFY THE ENGINEERS PRIOR TO INSTALLATION FOR CLARIFICATION.
- ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE, FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER TRADES, EQUIPMENT, OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE, IN WRITING.
- DEVIATIONS IN SIZE, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT PRIME SPECIFIED SHALL BE THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. ANY PROVISIONS REQUIRED TO ACCOMMODATE A DEVIATION, WHETHER APPROVED BY THE ENGINEERS OR NOT, SHALL BE THE RESPONSIBILITY OF THE PURCHASER.
- THE GENERAL CONTRACTOR FOR THIS CONSTRUCTION IS RESPONSIBLE FOR THE COORDINATION, APPEARANCE, SCHEDULING, AND TIMELINESS OF THE WORK OF ALL TRADES, CONTRACTORS, SUPPLIERS, INSTALLERS, ETC.
- VALVES, BALANCING DAMPERS, OR ANY MECHANICAL/ELECTRICAL ITEM SHALL NOT BE LOCATED ABOVE A HARD CEILING. IF THIS IS NOT POSSIBLE, THEN AN APPROPRIATELY SIZED ACCESS DOOR SHALL BE PLACED UNDER THE ITEM TO ALLOW EASY MAINTENANCE AND ADJUSTMENT.
- THE GENERAL CONTRACTOR SHALL ENSURE PROPER COORDINATION BETWEEN ALL TRADES SUCH THAT CONDUITS, PIPING, DUCTWORK, ETC. DO NOT BLOCK ACCESS TO VALVES, EQUIPMENT, DUCT ACCESS DOORS, ETC. ITEMS THAT HAVE BEEN INSTALLED WHERE ACCESS IS COMPROMISED SHALL BE RELOCATED AT THE CONTRACTOR'S EXPENSE.
- REFER TO DETAIL SHEETS FOR ADDITIONAL PIPING/DUCTWORK INSTALLATION REQUIREMENTS.
- THE EQUIPMENT ROUGH-IN ITEMS AND THEIR DIMENSIONED LOCATIONS FOR ALL CONNECTIONS ARE ACCURATE TO THE BEST OF OUR KNOWLEDGE AND SHALL BE VERIFIED WITH THE EQUIPMENT SUPPLIER, OWNER AND/OR THE EQUIPMENT ROUGH-IN DRAWINGS. IN SOME INSTANCES, THE OWNER OR SUPPLIER MAY MAKE SUBSTITUTIONS OR THE EQUIPMENT ITEM MAY VARY FROM WHAT IS SHOWN. THEREFORE, THE ARCHITECT/ENGINEER SHALL BE IMMEDIATELY NOTIFIED PRIOR TO CONSTRUCTION OF ANY DEVIATIONS FROM WHAT IS SHOWN OR IMPLIED ON THESE DRAWINGS. FAILURE OF THE APPROPRIATE CONTRACTOR TO VERIFY ROUGH-INS OR THEIR LOCATIONS SHALL PLACE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION AND/OR ADDITIONAL ROUGH-INS DIRECTLY UPON THE CONTRACTOR.

REGISTERS, GRILLES, AND DIFFUSERS							
SYMBOL	MANUF. & MODEL	MATERIAL & TYPE	CFM RANGE	PHYSICAL SIZE			REMARKS
				OVERALL FACE SIZE	NECK SIZE	INLET DUCT SIZE	
S-1	TITUS TMRA	STEEL CONSTRUCTION 4 CONE 360° UNIFORM PATTERN	0-130	20"φ	6"φ	6"φ	3
S-2	TITUS TMRA	STEEL CONSTRUCTION 4 CONE 360° UNIFORM PATTERN	131-250	22.5"φ	8"φ	8"φ	3
S-3	TITUS TMRA	STEEL CONSTRUCTION 4 CONE 360° UNIFORM PATTERN	251-375	22.5"φ	10"φ	10"φ	3
S-4	TITUS TMSA	STEEL CONSTRUCTION 3 CONE 360° PATTERN	0-100	12"x12"	6"φ	6"φ	1, 2, 3, 5, 7
S-5	TITUS 300RS	EXTRUDED ALUMINUM DOUBLE DEFLECTION 3/4" SPACING	0-450	14"x12"	12"x10"	12"x10"	3, 4
S-6	KRUEGER DPL	EXTRUDED ALUMINUM DRUM LOUVER ADJUSTABLE BLADES	0-670	22"x12"	20"x10"	20"x10"	3, 4
R-1	TITUS 350ZRL	STEEL LOUVERED GRILLE 3/4" BLADE SPACING 0° DEFLECTION	0-425	14"x12"	12x10"	12"x10"	3, 4
R-2	TITUS 23RL	STEEL RETURN GRILLE 3/4" BLADE SPACING	1575	48"x24"	46"x22"	46"x22"	3, 4
R-3	TITUS 23RL	STEEL RETURN GRILLE 45° DEFLECTION 3/4" BLADE SPACING	3000	48"x48"	46"x46"	46"x46"	3, 5, 6
R-4	TITUS 355RL	STEEL LOUVERED GRILLE 1/2" BLADE SPACING 35° DEFLECTION	0-100	12"x10"	10"x8"	10"x8"	3, 4
T-1	HART & COOLEY TG	ALUMINUM CONSTRUCTION TYPE BLADE VISION PROOF	0-100	12"x12"	10"x10"	10"x10"	3, 4

- REMARKS:**
- INLET TRANSITION BOX, ROUND TO RECTANGULAR.
 - PROVIDE WITH MOLDED INSULATION BLANKET ON DIFFUSER.
 - PROVIDE WHITE IN COLOR.
 - GRILLE SHALL BE SIDEWALL/DUCT MOUNTED.
 - CEILING SURFACE MOUNTED.
 - PROVIDE WITH PLENUM BOX. PAINT INTERIOR OF PLENUM BOX WITH FLAT BLACK PAINT.
 - PROVIDE DESIGNATED TYPE "B" DIFFUSERS WITH 3-WAY THROW.

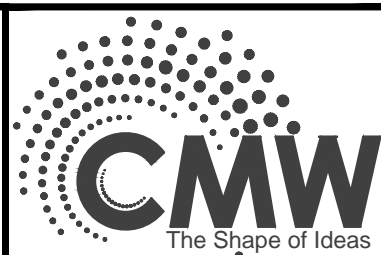
Material Requirements to Achieve Installed R-Value

Nominal Thickness in. (mm)	Installed Thickness in. (mm)	Stretch Out Dimensions, in. (mm)					
		Round and Oval Ducts	Square Ducts	Rectangular Ducts			
1/2 (38)	1/4 (29)	P+9/16 (240)	P+8 (205)	P+7 (180)			
2 (51)	1/8 (38)	P+1/2 (305)	P+10 (255)	P+8 (205)			
2 1/2 (56)	1/8 (41)	P+1/3 (330)	P+11 (280)	P+8 1/2 (215)			
3 (76)	2/4 (57)	P+1/7 (430)	P+1 1/4 (370)	P+11 1/2 (290)			
4 (102)	3 (76)	P+2/2 (560)	P+1 1/2 (483)	P+1 1/2 (406)			

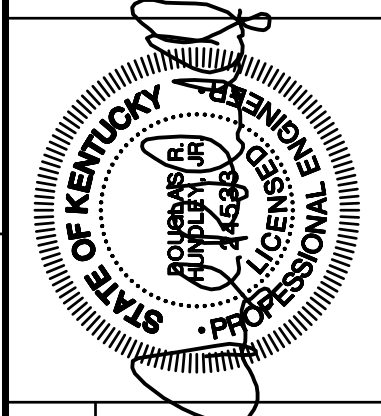
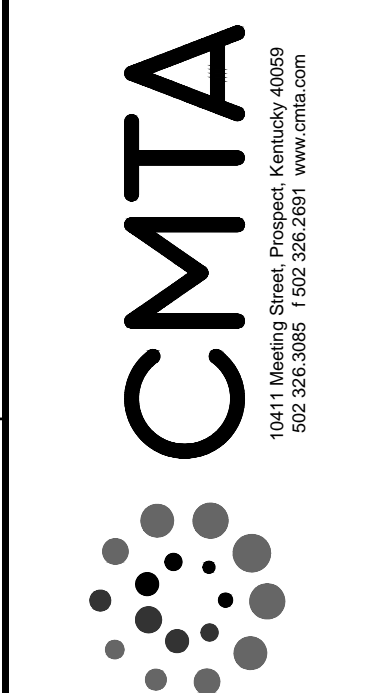
P = measured duct perimeter

All seams and joints stapled approximately 6" (150mm) on centers before sealing with tape or mastic.

MECHANICAL LEGEND	
AFF	ABOVE FINISHED FLOOR
TYF	TYPICAL
NTS	NOT TO SCALE
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NC	NORMALLY CLOSED
	TAGGED NOTE
	MECHANICAL EQUIPMENT DESIGNATOR
	SUPPLY AIR DUCT - INSIDE DIMENSION (TURNED UP/DOWN)
	RETURN AIR DUCT - INSIDE DIMENSION (TURNED UP/DOWN)
	EXHAUST/RELIEF AIR DUCT - INSIDE DIMENSION (TURNED UP/DOWN)
	FLEXIBLE DUCT
	ACCESS DOOR IN BOTTOM OF DUCT
	ACCESS DOOR IN SIDE OF DUCT
	OPPOSED BLADE DAMPER (MOTORIZED)
	VOLUME DAMPER (MANUAL)
	TURNING VANES
	TEMPERATURE SENSOR
	REMOTE TEMPERATURE SETPOINT CONTROLLER
	DUCT SMOKE DETECTOR



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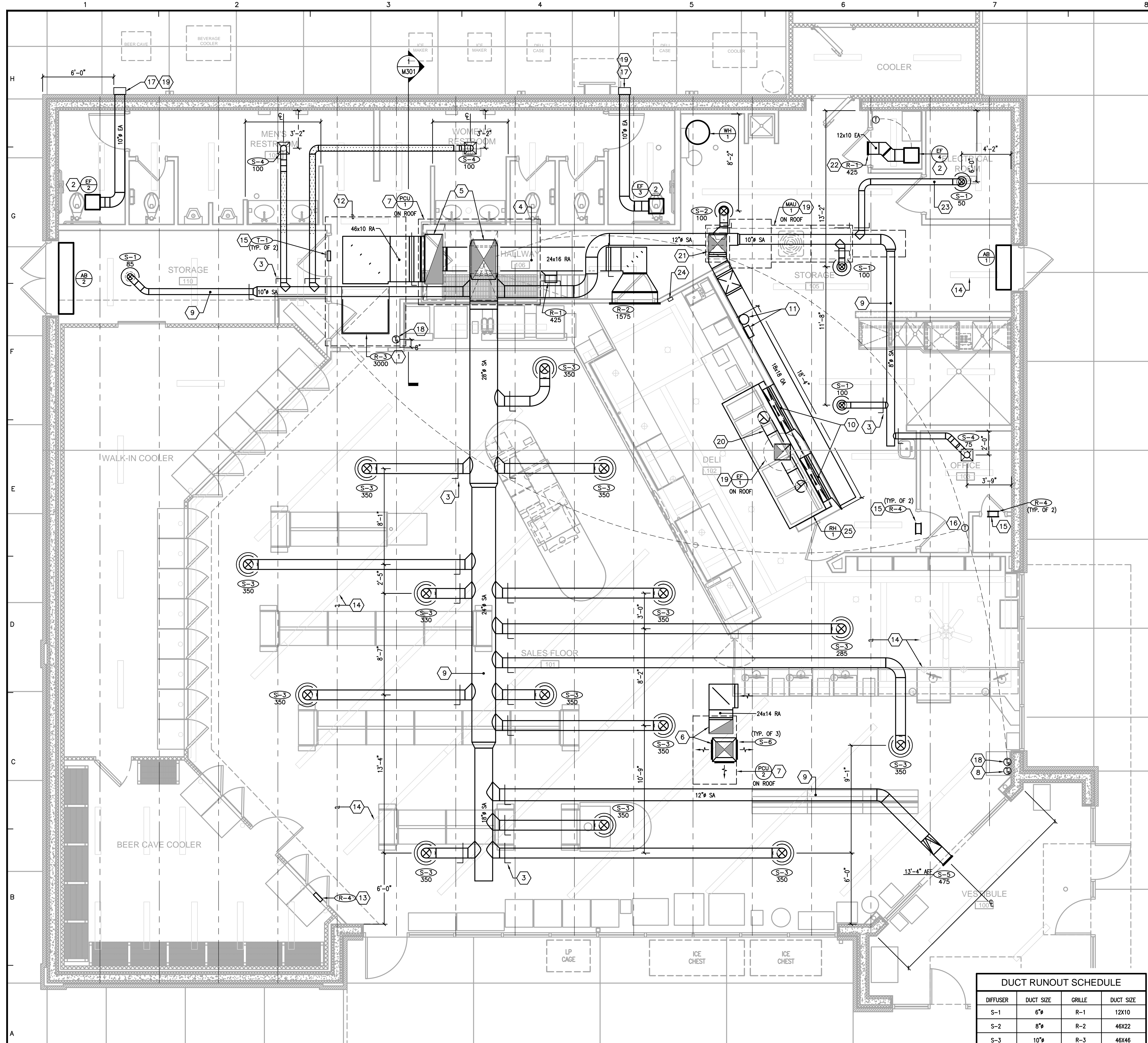


MECHANICAL LEGEND AND SCHEDULES

FiveStar #200 - Brandenburg
NEWCOMB OIL CO., LLC
2121 BRANDENBURG RD
BRANDENBURG, KY

CONSTRUCTION DOCUMENTS	
Issue Date:	August 1, 2024
Drawn By:	WTD
Checked By:	DRH
Revisions:	
Mark	Date
AHJ SEAL	
Project Number	23058.01

M-1.01



FLOOR PLAN - MECHANICAL

SCALE: 1/4"=1'-0"

1
M2.01

DUCT RUNOUT SCHEDULE			
DIFFUSER	DUCT SIZE	GRILLE	DUCT SIZE
S-1	6"	R-1	12X10
S-2	8"	R-2	46X22
S-3	10"	R-3	46X46
S-4	6"	R-4	10X8
S-5	12X10	T-1	10X10
S-6	20X10		

- GENERAL NOTES:
- ALL OPEN-CEILING AREAS SHALL UTILIZE A RIGID DUCT CONNECTION (WITH SUPPORTS) TO DIFFUSER. DIFFUSER SHALL BE MOUNTED AT A TYPICAL ELEVATION OF 11'-0" UNLESS OTHERWISE SHOWN ON DRAWING. TYPICAL PLACEMENT OF DIFFUSER IN OPEN-CEILING AREAS ARE CENTERED BETWEEN JOISTS UNLESS SPECIFIC DIMENSION IS SHOWN ON DRAWING.
 - ALL RECTANGULAR, ROUND, AND FLEXIBLE DUCTS SHALL BE SIZED AS SHOWN ON THESE DRAWINGS. MINIMUM INTERNAL DIMENSIONS ARE GIVEN.
 - INSTALL TURNING VANES IN ALL 90 DEGREE SUPPLY AND RETURN DUCT ELBOWS AND AT ALL DUCT TEES.
 - CONDENSATE DRAIN LINES SHALL BE SLOPED AT A MINIMUM 1/8" PER LINEAR FOOT OF RUN. ALL DRAIN EXITS FROM PCU-1 SHALL INCLUDE A TRAP AND CLEAN-OUT PLUG.
 - CONTRACTOR SHALL HAVE ALL THERMOSTATS/TEMPERATURE SENSORS CALIBRATED TO MANUFACTURER'S SPECIFICATIONS PRIOR TO TURNING SYSTEM OVER TO OWNER.
 - BALANCE DIFFUSERS AND GRILLES TO AIRFLOWS INDICATED ON PLAN. PROVIDE AIR-BALANCE REPORT TO GENERAL CONTRACTOR.
 - MANUFACTURER'S RECOMMENDED CLEARANCES SHALL BE MAINTAINED FOR ALL MECHANICAL EQUIPMENT. ALL PIPING VALVES AND MANUAL VOLUME DAMPERS SHALL BE EASILY ACCESSIBLE.
 - FLEXIBLE DUCTWORK IS ALLOWED FOR USE ON CONCEALED DUCTWORK. REFER TO DETAIL SHEET FOR MORE INFORMATION.
 - HATCHED PORTION OF DUCTWORK SHALL BE WRAPPED WITH OWENS/CORNING ALL SERVICE FIBERGLASS DUCT WRAP, "FACED DUCT WRAP - TYPE 75", 3" THICK FIBERGLASS DUCT WRAP, WITH A MINIMUM R-VALUE OF 8, FACTORY LAMINATED TO A REINFORCED FOIL KRAFT VAPOR BARRIER. REFER TO INSULATION CHART ON SHEET M1.01 FOR INSTALLATION REQUIREMENTS.
 - ANY ROUND DUCTWORK EXPOSED TO VIEW SHALL HAVE SPIRAL OUTER SHELL, LOCK-SEAM CONSTRUCTION FABRICATED FROM PAINT GRIP GALVANIZED STEEL MEETING ASTM-527 STANDARDS. ANY DUCTWORK EXPOSED TO VIEW SHALL BE CONSTRUCTED OF G90 GALVANIZED STEEL AND SHALL BE SUPPORTED AS REQUIRED WITH AIRCRAFT CABLES WITH SELF-TIGHTENING LOCKS. EXPOSED METAL DUCT SHALL BE PREPPED AND PAINTED BY OWNER.
 - DUCTWORK, PLENUMS AND OTHER APPURTENANCES SHALL BE CONSTRUCTED OF THE MATERIALS OF THE MINIMUM WEIGHTS OR GAUGES AS REQUIRED BY THE LATEST SMACNA 2" W.G. STANDARD OR BELOW TABLE. WHEN GAUGE THICKNESS DIFFERS, THE HEAVIER GAUGE SHALL BE SELECTED. THE BELOW TABLE SHALL SERVE AS A MINIMUM.
- | ROUND DIAMETER | DUCT GAUGE | RECTANGULAR WIDTH | DUCT GAUGE |
|----------------|------------|-------------------|------------|
| 3-12 INCHES | 26 GA. | 3-12 INCHES | 26 GA. |
| 13-18 INCHES | 24 GA. | 13-30 INCHES | 24 GA. |
| 19-28 INCHES | 22 GA. | 31-54 INCHES | 22 GA. |
- MECHANICAL TAG NOTES:
- ORIENT RETURN GRILLE SO THAT OPENING IS DIRECTED TOWARD HALLWAY ENTRY (AWAY FROM BATHROOMS). PAINT INTERIOR OF RETURN PLENUM WITH FLAT BLACK PAINT.
 - TRANSITION TO EXHAUST FAN OPENING AS NECESSARY. PROVIDE A 12" LENGTH OF FLEX DUCT AT FAN CONNECTION.
 - PROVIDE HIGH EFFICIENCY TAKEOFFS AND VOLUME DAMPERS IN ALL BRANCH DUCT WORK. REFER TO DETAIL ON SHEET M3.01 FOR ADDITIONAL INFORMATION. TYPICAL OF ALL.
 - INSTALL RETURN DUCTWORK AS HIGH AS POSSIBLE, HOLDING TIGHT TO STRUCTURE. BOTTOM OF DUCT WILL BE AT A MINIMUM OF 9'-0".
 - TRANSITION FROM 28"x28" SA AND 50"x18" RA DUCT TO SIZE OF UNIT OPENING AS NECESSARY USING MITERED-TRANSITIONAL ELBOWS WITH TURNING VANES. PROVIDE FLEX CONNECTION AT UNIT FOR SUPPLY/RETURN DUCTWORK.
 - 24"x24" SA AND 24"x14" RA DUCTS UP TO PCU-2. TRANSITION TO SIZE OF UNIT OPENING AS NECESSARY, PROVIDING FLEX CONNECTION AT UNIT. SUPPLY AIR DUCT SHALL EXTEND 15" BEYOND BOTTOM OF JOISTS WITH DRUM DIFFUSERS MOUNTED ON THREE SIDES AS INDICATED. ROUTE RETURN DUCTWORK WITHIN JOIST SPACE AND PROVIDE EXPANDED METAL GRATE AT END OF DUCT.
 - MAINTAIN A 10'-0" MINIMUM DISTANCE FROM PCU'S OUTDOOR AIR INTAKE AND ANY EXHAUST SOURCE OR PLUMBING VENTS. COORDINATE LOCATION WITH STRUCTURAL AND IN ENSURE MANUFACTURER'S RECOMMENDED SERVICE CLEARANCE IS MAINTAINED. UNIT MUST BE LOCATED A MINIMUM OF 10'-0" AWAY FROM ROOF'S EDGE. SPILL CONDENSATE TO ROOF.
 - INSTALL PCU-2 TEMPERATURE SENSOR IN LOCATION SHOWN. COORDINATE ELEVATION WITH OWNER.
 - SUPPLY DUCT MAIN SHALL BE INSTALLED TO FOLLOW SLOPE OF ROOF WITHIN JOIST SPACE. ALL BRANCH DUCTWORK SHALL BE COORDINATED WITH JOIST OPENINGS.
 - 50"x6" MAKEUP AIR DUCT ROUTED DOWN. TERMINATION POINT SHALL BE BELOW COOKING SURFACE. ALL ELECTRICAL AND PLUMBING CONNECTIONS MUST BE LOCATED BELOW THE BACK RETURN AIR PLENUM.
 - MOUNT FIRE SUPPRESSION SYSTEM FOR RH-1 AS HIGH AS POSSIBLE. SEE SHEET M1.01 FOR MORE INFORMATION.
 - SPACE IN THIS AREA IS LIMITED. COORDINATE DUCT ROUTING WITH CEILING AND STRUCTURAL JOISTS.
 - TRANSFER GRILLE IS TO BE MOUNTED ABOVE COOLER ROOF, FACING OUT. PROVIDE GRILLE WITH 1/2" MESH SCREEN.
 - CEILING FANS, STRUCTURAL JOISTS, AND LIGHTS ARE SHOWN FOR COORDINATION PURPOSES ONLY. (TYPICAL)
 - TRANSFER AIR GRILLES CENTERED ABOVE DOOR. REFER TO DETAIL SHEET.
 - INSTALL PCU-1 THERMOSTAT IN LOCATION SHOWN CENTERED BETWEEN CLOSET DOOR JAMB AND EDGE OF DRYWALL. INSTALL AT 60" AFF. THERMOSTAT NEEDS TO CONTROL HOT GAS REHEAT ON THE HVAC UNIT. DO SO BY CONNECTING U1 AND U1 ON THE THERMOSTAT IN THE GENERAL MANAGER'S OFFICE TO TERMINAL 7 AND 12 ON THE LTB BOARD LOCATED ON THE HVAC UNIT.
 - EXHAUST CAP AT ELEVATION OF 11'-2". REFER TO DETAIL SHEET FOR MORE INFORMATION.
 - INSTALL PCU-1 TEMPERATURE SENSOR IN LOCATION SHOWN. COORDINATE ELEVATION WITH OWNER PRIOR TO INSTALLATION.
 - MAINTAIN A 10'-0" MINIMUM DISTANCE FROM EXHAUST FAN OUTLET TO PCU-1/MAU-1'S INTAKE. ANY ROOF EQUIPMENT MUST MAINTAIN A 10'-0" MINIMUM DISTANCE BETWEEN EQUIPMENT AND EDGE OF ROOF.
 - ROUTE 12" GREASE DUCT (TYPICAL OF 2) FROM RH-1 HOOD OPENING TO 16" RISER. TRANSITION DUCTWORK TO FIT ROOF CURB PRIOR TO ROOF PENETRATION. ROOF CUTOUT SHALL BE 26"x26" FOR CURB. GREASE DUCT IS TO BE #16 GAUGE WELDED DUCT. PROVIDE CLEANOUTS AT EACH CHANGE IN DIRECTION. 3M FIREMASTER GREASE DUCT WRAP OR ALTERNATE FULLY ENCAPSULATED AND U.L. CLASSIFIED FOR 0" CLEARANCE TO COMBUSTIBLES (UL R14229) AND ENGINEER APPROVED. BALANCE EACH RUNOUT TO 1,250 CFM.
 - 18X18 OA DUCT UP TO MAU-1. TRANSITION DUCTWORK TO FIT ROOF CURB BEFORE ROOF PENETRATION. ROOF CUTOUT FOR CURB SHALL BE 22"x18".
 - CENTER GRILLE ABOVE DOOR AND ENSURE DOOR HAS 3/4" UNDERCUT.
 - DO NOT ROUTE DUCTWORK DIRECTLY ABOVE ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL DRAWINGS.
 - PULL STATION LOCATION FOR RANGE HOOD FIRE SUPPRESSION SYSTEM.
 - RANGE HOOD IS OWNER FURNISHED, OWNER INSTALLED.

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STATE OF KENTUCKY
REGISTERED PROFESSIONAL ENGINEER
No. 12288

FLOOR PLAN - MECHANICAL

FiveStar #2000 - Brandenburg
NEWCOMB OIL CO., LLC
2121 BRANDENBURG RD
BRANDENBURG, KY

CONSTRUCTION DOCUMENTS

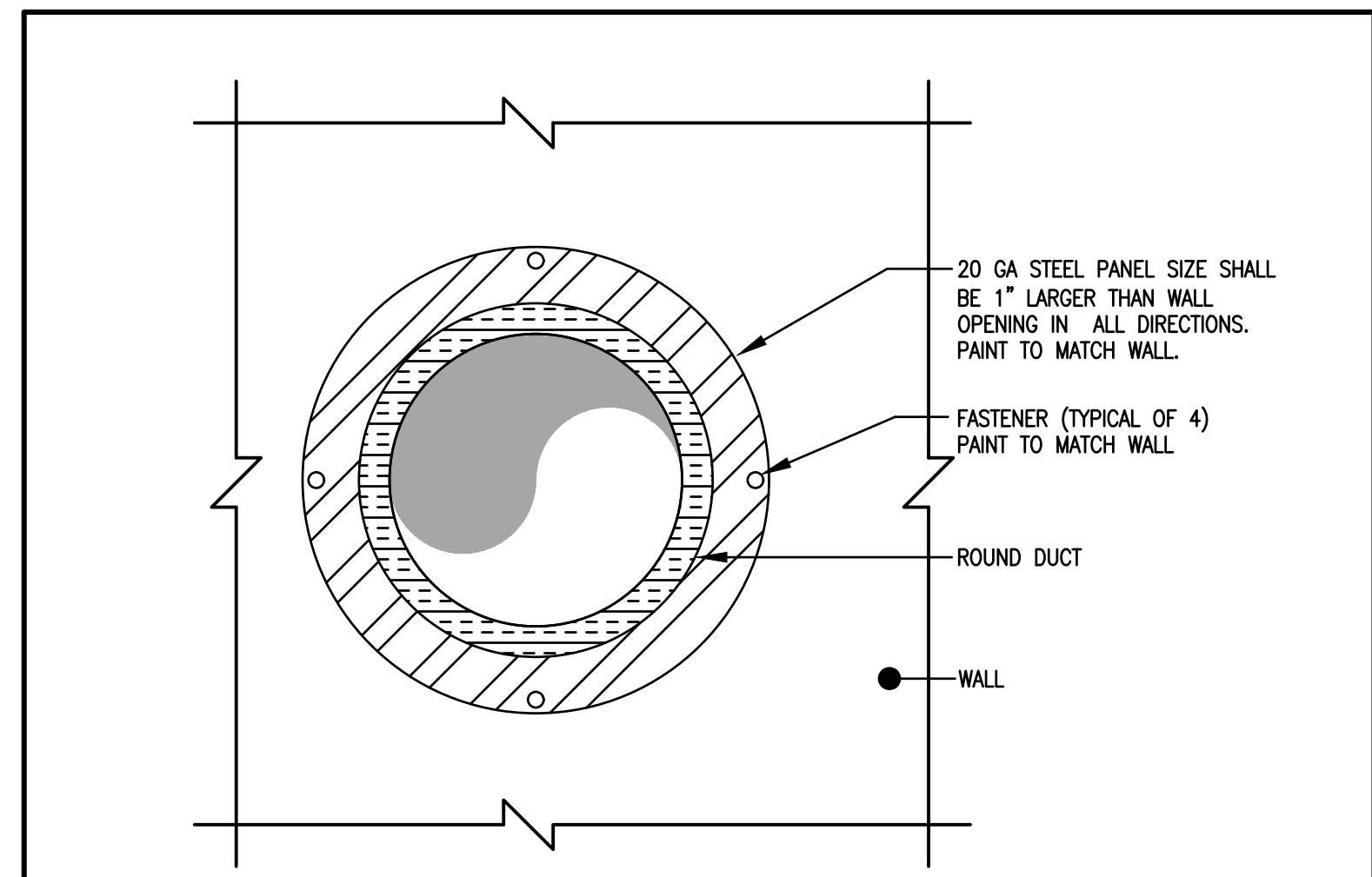
Issue Date: August 1, 2024
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Checked By: DRH
Revisions:

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Project Number:
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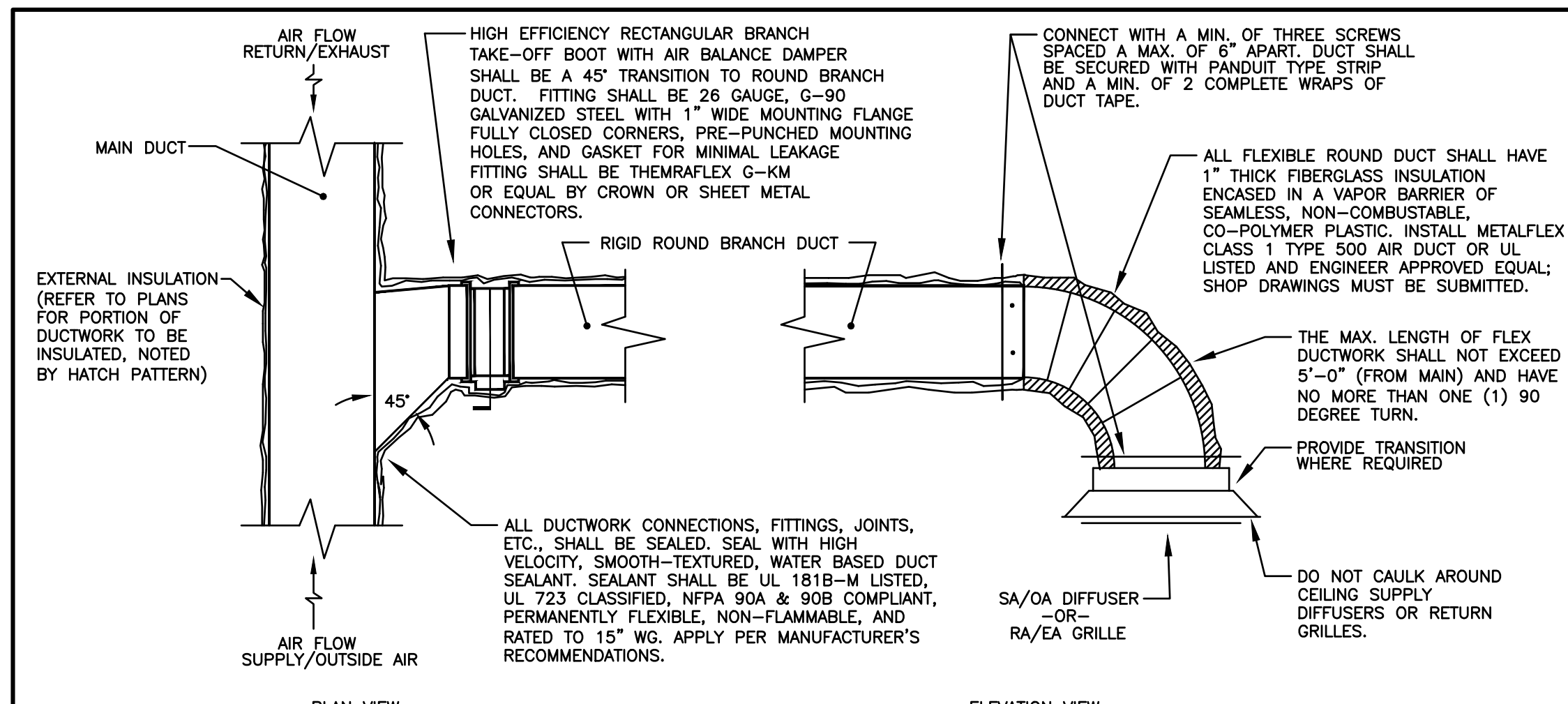
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Plot Date: Sunday, August 04, 2024 10:42:28 AM



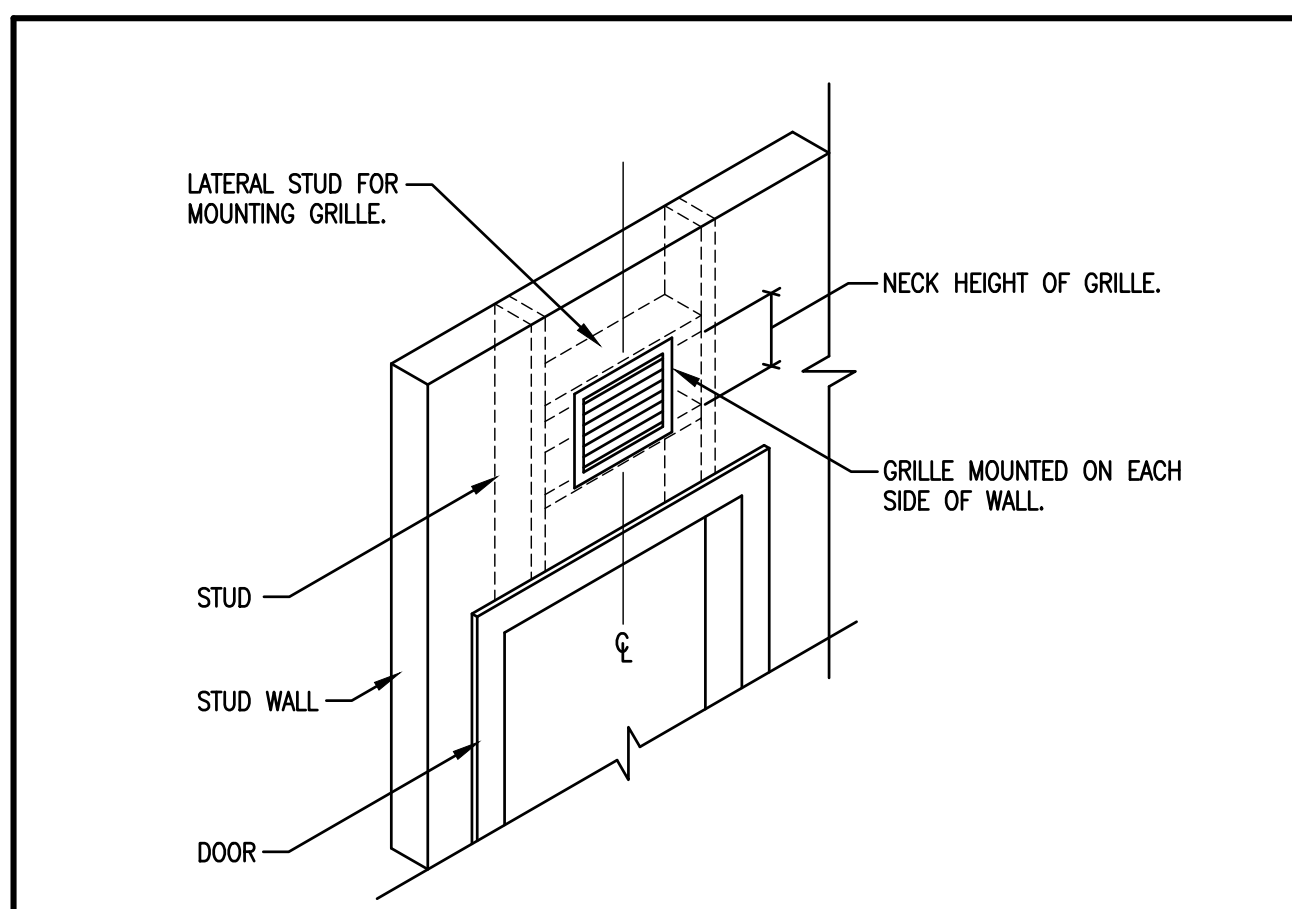
EXPOSED DUCT WALL PENETRATION DETAIL

NOT TO SCALE



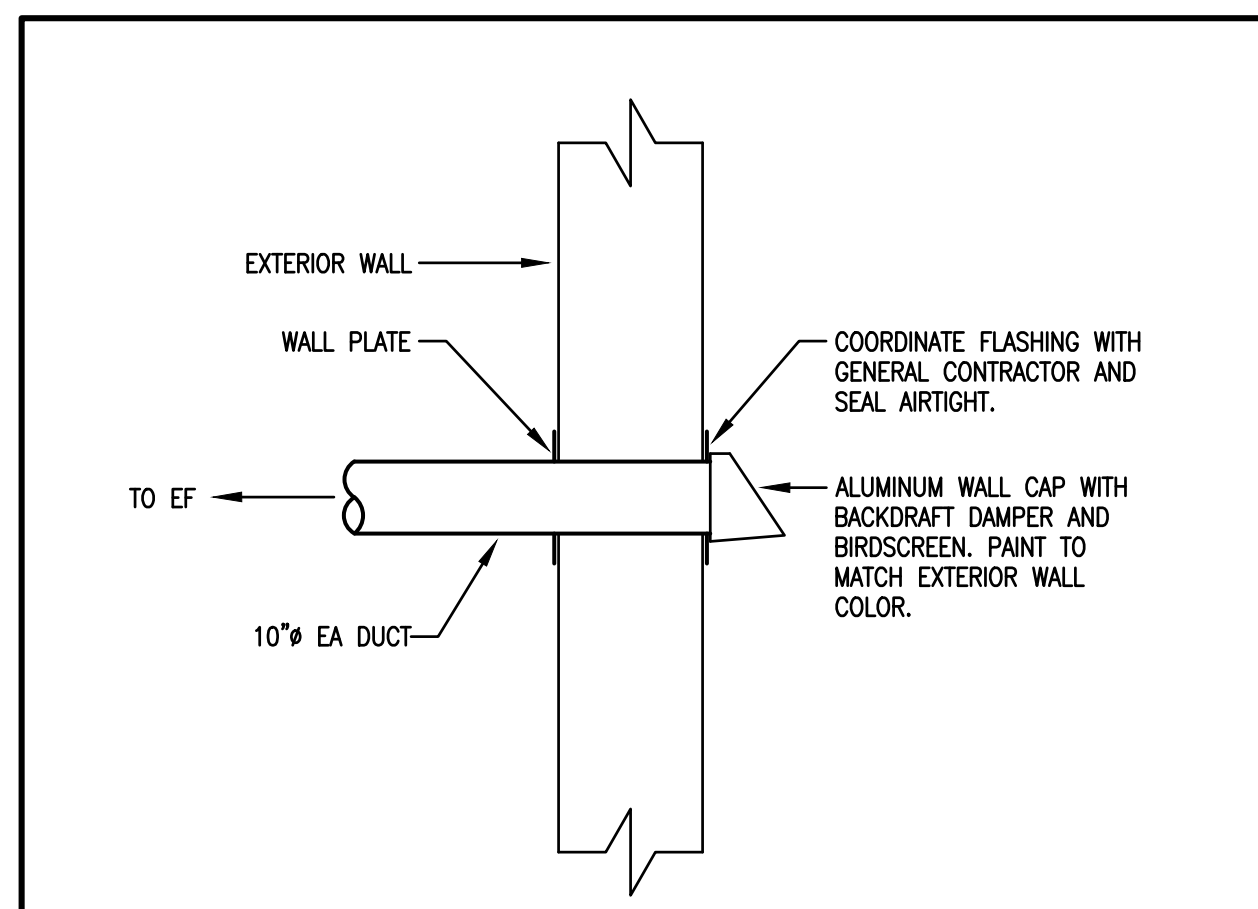
TYPICAL RECTANGULAR-TO-ROUND BRANCH DUCT DETAIL

NOT TO SCALE



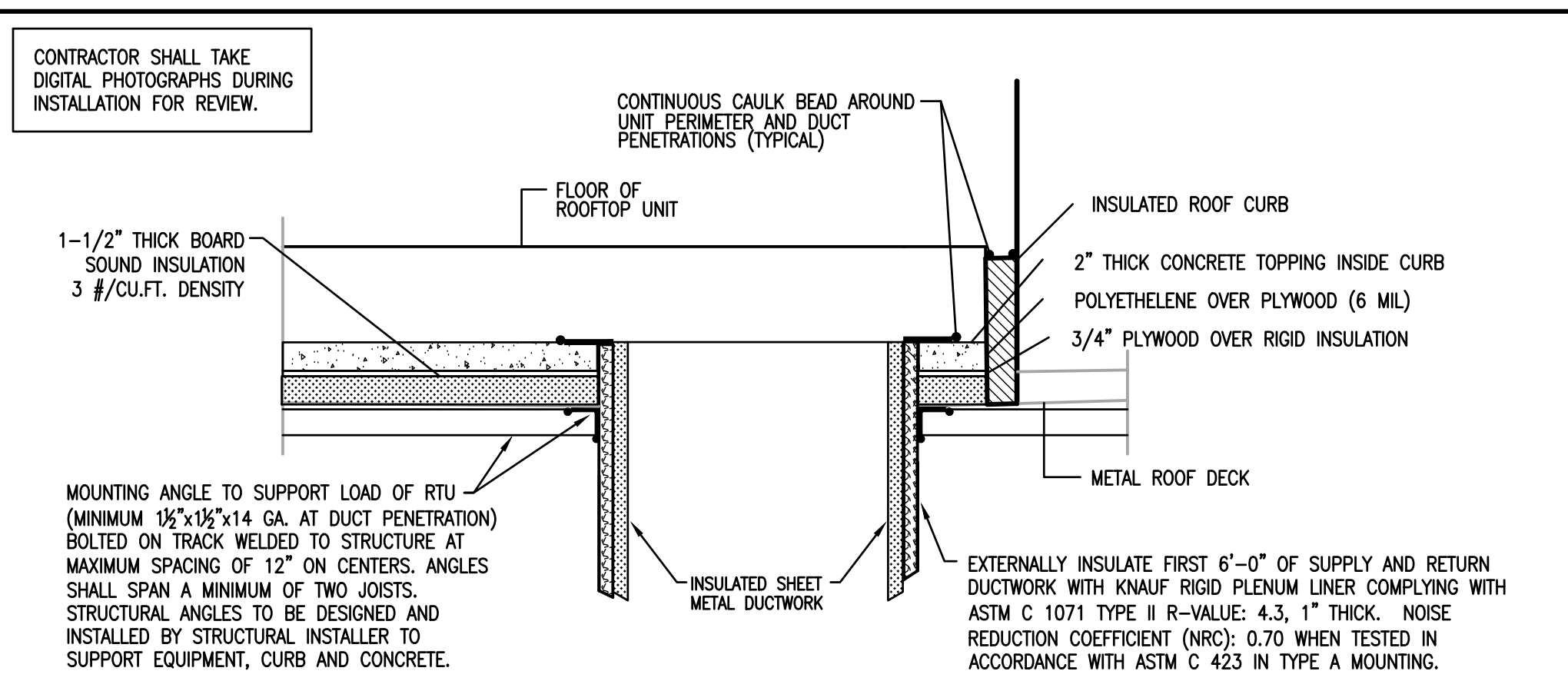
TRANSFER AIR GRILLE DETAIL

NOT TO SCALE



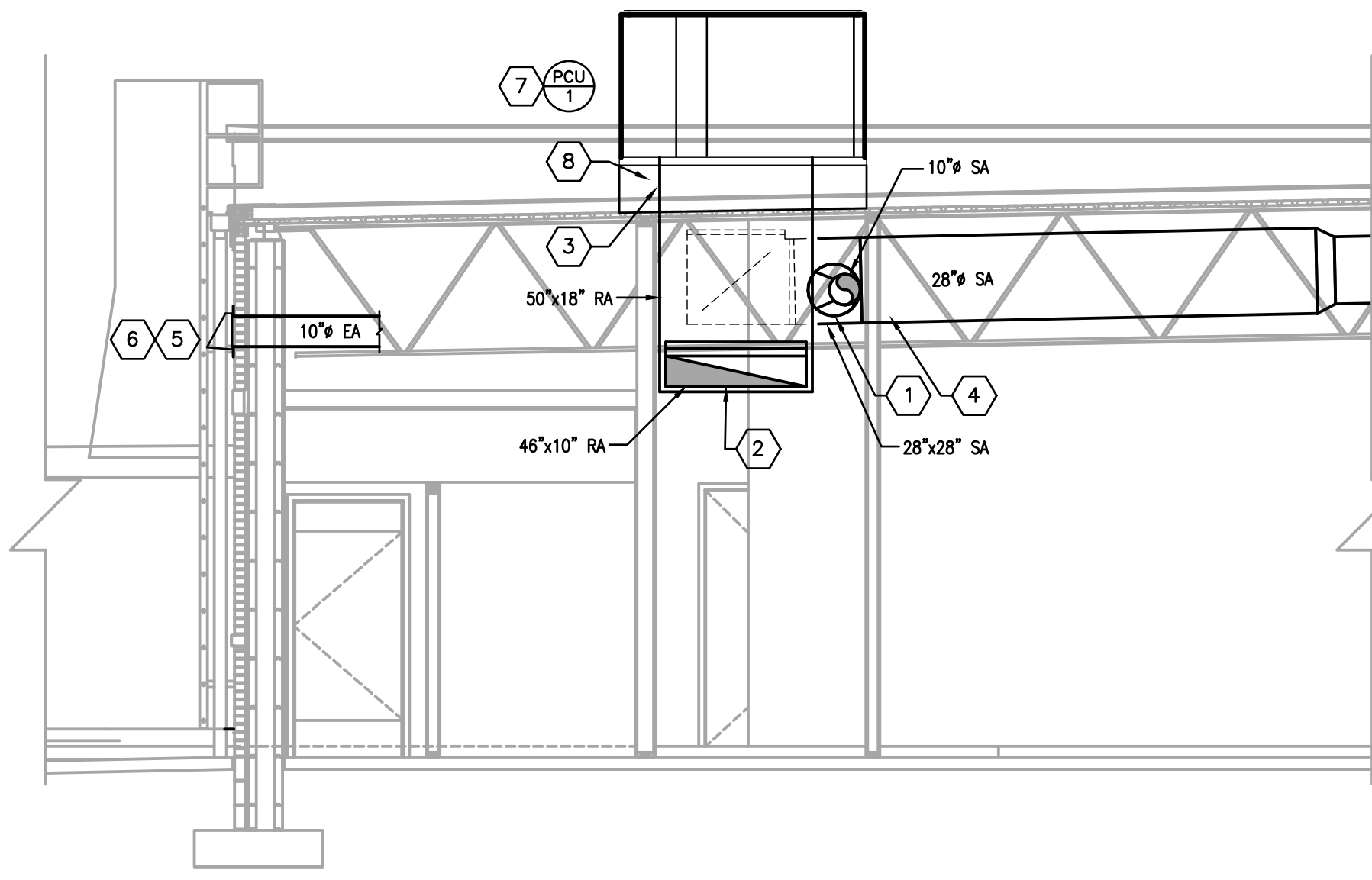
TYPICAL EXHAUST DETAIL

NOT TO SCALE



ACOUSTICAL TREATMENT OF PCU-1/2

NOT TO SCALE



MECHANICAL - SECTION VIEW

SCALE: 1/4"=1'-0"

1 M3.01

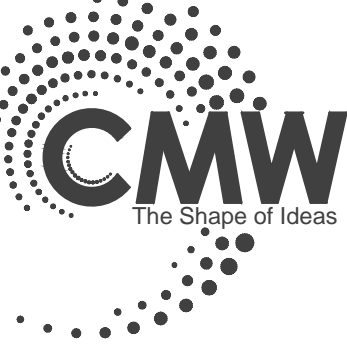
GENERAL NOTES:

- A. ALL OPEN-CEILING AREAS SHALL UTILIZE A RIGID DUCT CONNECTION (WITH SUPPORTS) TO DIFFUSER. DIFFUSER SHALL BE MOUNTED AT A TYPICAL ELEVATION OF 11'-0" UNLESS OTHERWISE SHOWN ON DRAWING. TYPICAL PLACEMENT OF DIFFUSER IN OPEN-CEILING AREAS ARE CENTERED BETWEEN JOISTS UNLESS SPECIFIC DIMENSION IS SHOWN ON DRAWING.
- B. ALL RECTANGULAR, ROUND, AND FLEXIBLE DUCTS SHALL BE SIZED AS SHOWN ON THESE DRAWINGS. MINIMUM INTERNAL DIMENSIONS ARE GIVEN.
- C. INSTALL TURNING VANES IN ALL 90 DEGREE SUPPLY AND RETURN DUCT ELBOWS AND AT ALL DUCT TEES.
- D. CONDENSATE DRAIN LINES SHALL BE SLOPED AT A MINIMUM 1/8" PER LINEAR FOOT OF RUN. ALL DRAIN EXITS FROM PCU-1 SHALL INCLUDE A TRAP AND CLEAN-OUT PLUG.
- E. CONTRACTOR SHALL HAVE ALL THERMOSTATS/TEMPERATURE SENSORS CALIBRATED TO MANUFACTURER'S SPECIFICATIONS PRIOR TO TURNING SYSTEM OVER TO OWNER.
- F. BALANCE DIFFUSERS AND GRILLES TO AIRFLOWS INDICATED ON PLAN. PROVIDE AIR-BALANCE REPORT TO GENERAL CONTRACTOR.
- G. MANUFACTURER'S RECOMMENDED CLEARANCES SHALL BE MAINTAINED FOR ALL MECHANICAL EQUIPMENT. ALL PIPING VALVES AND MANUAL VOLUME DAMPERS SHALL BE EASILY ACCESSIBLE.
- H. FLEXIBLE DUCTWORK IS ALLOWED FOR USE ON CONCEALED DUCTWORK. REFER TO DETAIL SHEET FOR MORE INFORMATION.
- I. HATCHED PORTION OF DUCTWORK SHALL BE WRAPPED WITH OWENS/CORNING ALL SERVICE FIBERGLASS DUCT WRAP, "FACED DUCT WRAP - TYPE 75", 3" THICK FIBERGLASS DUCT WRAP, WITH A MINIMUM R-VALUE OF 8, FACTORY LAMINATED TO A REINFORCED FOIL KRAFT VAPOR BARRIER. REFER TO INSULATION CHART ON SHEET M1.01 FOR INSTALLATION REQUIREMENTS.
- J. ANY ROUND DUCTWORK EXPOSED TO VIEW SHALL HAVE SPIRAL OUTER SHELL, LOCK-SEAM CONSTRUCTION FABRICATED FROM PAINT GRIP GALVANIZED STEEL MEETING ASTM-527 STANDARDS. ANY DUCTWORK EXPOSED TO VIEW SHALL BE CONSTRUCTED OF G90 GALVANIZED STEEL AND SHALL BE SUPPORTED AS REQUIRED WITH AIRCRAFT CABLES WITH SELF-TIGHTENING LOCKS. EXPOSED METAL DUCT SHALL BE PREPPED AND PAINTED BY OWNER.
- K. DUCTWORK, PLENUMS AND OTHER APPURTENANCES SHALL BE CONSTRUCTED OF THE MATERIALS OF THE MINIMUM WEIGHTS OR GAUGES AS REQUIRED BY THE LATEST SMACNA 2" W.G. STANDARD OR BELOW TABLE. WHEN GAUGE THICKNESS DIFFERS, THE HEAVIER GAUGE SHALL BE SELECTED. THE BELOW TABLE SHALL SERVE AS A MINIMUM.

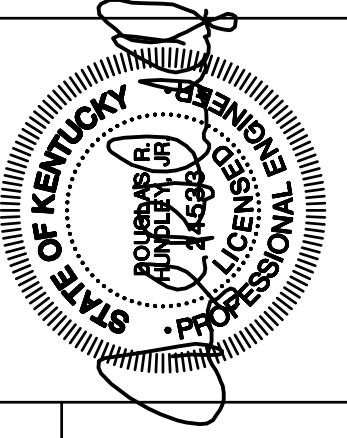
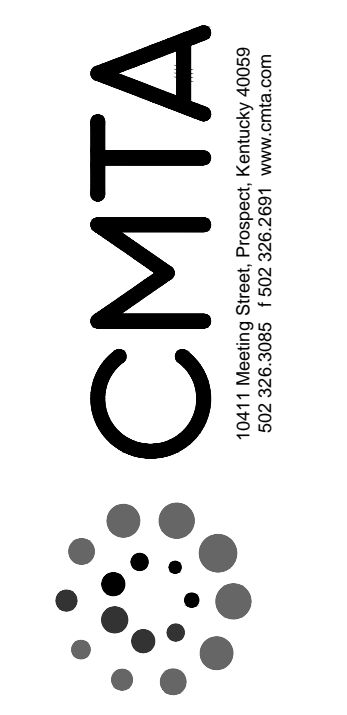
ROUND DIAMETER	DUCT GAUGE	RECTANGULAR WIDTH	DUCT GAUGE
3-12 INCHES	26 GA.	3-12 INCHES	26 GA.
13-18 INCHES	24 GA.	13-30 INCHES	24 GA.
19-28 INCHES	22 GA.	31-54 INCHES	22 GA.

MECHANICAL TAG NOTES:

1. PROVIDE HIGH EFFICIENCY TAKEOFFS AND VOLUME DAMPERS IN ALL BRANCH DUCT WORK. REFER TO DETAIL ON THIS SHEET FOR ADDITIONAL INFORMATION. TYPICAL OF ALL.
2. INSTALL RETURN DUCTWORK AS HIGH AS POSSIBLE, HOLDING TIGHT TO STRUCTURE. BOTTOM OF DUCT WILL BE AT A MINIMUM OF 9'-0".
3. TRANSITION FROM 28"x28" SA AND 50"x18" RA DUCT TO SIZE OF UNIT OPENING AS NECESSARY USING MITERED-TRANSITIONAL ELBOWS WITH TURNING VANES. PROVIDE FLEX CONNECTION AT UNIT FOR SUPPLY/RETURN DUCTWORK.
4. SUPPLY DUCT MAIN SHALL BE INSTALLED TO FOLLOW SLOPE OF ROOF WITHIN JOIST SPACE. ALL BRANCH DUCTWORK SHALL BE COORDINATED WITH JOIST OPENINGS.
5. EXHAUST CAP AT ELEVATION OF 11'-2". REFER TO DETAIL THIS SHEET FOR MORE INFORMATION.
6. MAINTAIN A 10'-0" MINIMUM DISTANCE FROM EXHAUST FAN OUTLET TO MECHANICAL EQUIPMENT'S INTAKE.
7. MAINTAIN A 10'-0" MINIMUM DISTANCE FROM PCU-1'S OUTDOOR AIR INTAKE AND ANY EXHAUST SOURCE OR PLUMBING VENTS. COORDINATE LOCATION WITH STRUCTURAL AND IN ENSURE MANUFACTURER'S RECOMMENDED SERVICE CLEARANCE IS MAINTAINED. UNIT MUST BE LOCATED A MINIMUM OF 10'-0" AWAY FROM ROOF'S EDGE. SPILL CONDENSATE TO ROOF.
8. REFERENCE "ACOUSTICAL TREATMENT OF PCU-1" DETAIL (THIS SHEET) FOR MORE INFORMATION.



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MECHANICAL SECTION VIEWS AND DETAILS

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CONSTRUCTION DOCUMENTS

Issue Date: August 1, 2024
Drawn By: WTD
Checked By: DRH
Revisions:

Mark Date
AHJ SEAL

Project Number
23058.01

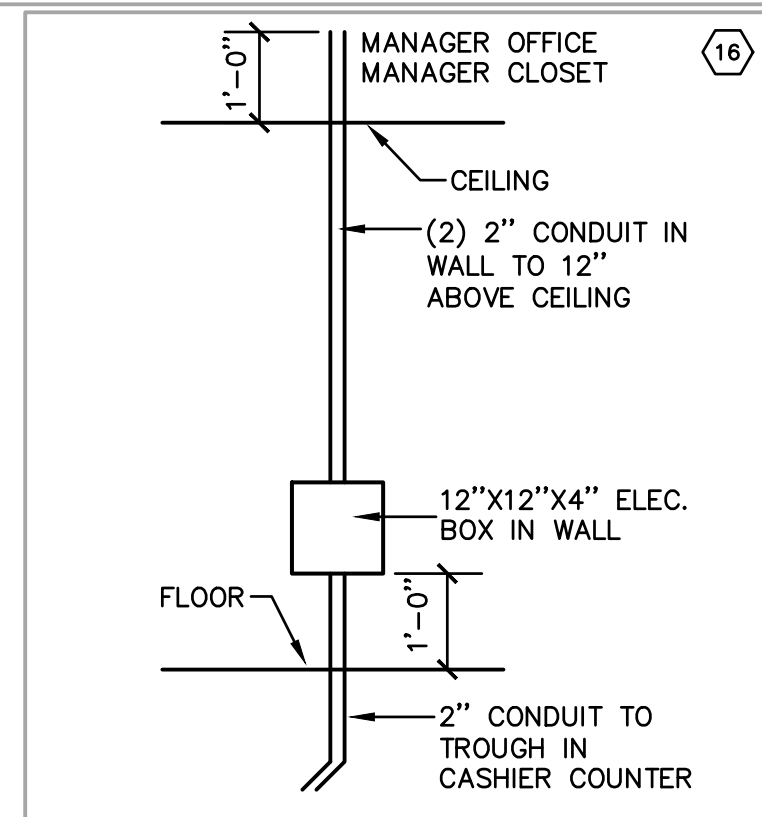
M-3.01

LIGHT FIXTURE SCHEDULE

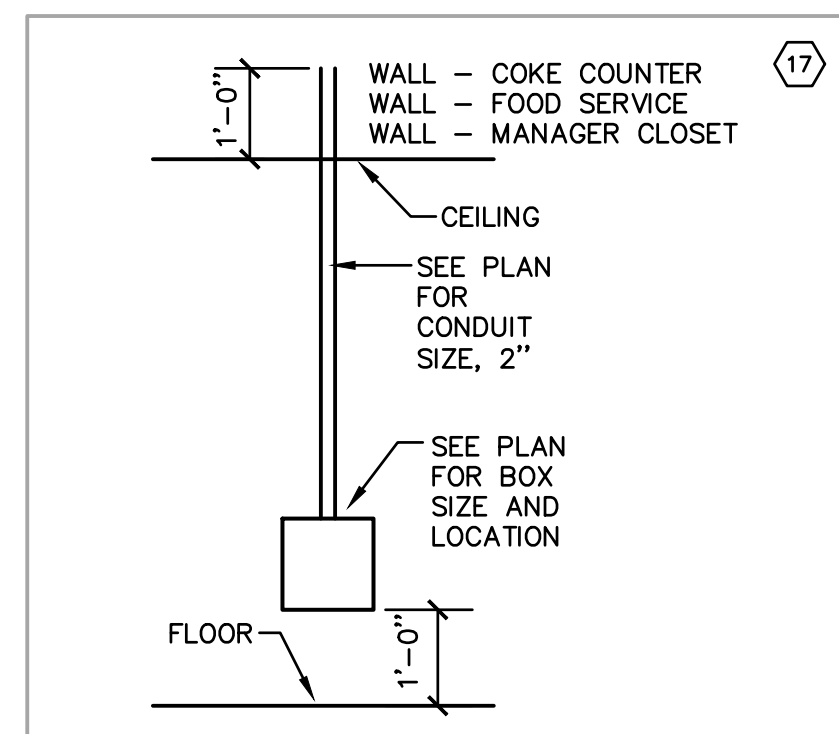
TYPE	DESCRIPTION	MODEL	LAMPS	REMARKS	VOLTAGE
A4 86 FIXTURES	4' LED WITH HIGH STRENGTH POLYMER REFLECTOR AND HOUSING WITH TROUGH WIRING CHANNEL AND SURFACE OR SUSPENDED MOUNTING. PROVIDE 4000 LUMEN PACKAGE WITH 3500K COLOR TEMPERATURE.	LSI DW HO CW UE	LED'S INCLUDED.	PROVIDE WITH A MINIMUM 80 CRI AND 10 YEAR WARRANTY MOUNT AT 11' ABOVE FINISHED FLOOR.	120V
A4E 8 FIXTURES	SAME FIXTURE AS "A4" BUT WITH EMERGENCY BATTERY.	LSI DW HO CW UE EM	LED'S INCLUDED.	PROVIDE WITH A MINIMUM 80 CRI AND 10 YEAR WARRANTY MOUNT AT 11' ABOVE FINISHED FLOOR.	120V
C 15 FIXTURES	SURFACE VAPOR TIGHT LED WITH IMPACT RESISTANT FIBERGLASS HOUSING AND POLYCARBONATE LENS. PROVIDE WITH 3500K COLOR TEMPERATURE AND 6000 LUMEN OUTPUT.	LSI EG3 4 S LED HO CW UE	LED'S INCLUDED.	PROVIDE WITH A MINIMUM 80 CRI AND MINIMUM LM-80 RATING.	120V
EB 1 FIXTURES	LED COMPATIBLE, 375W, 90 MINUTE, SINE WAVE INVERTER WITH MAINTENANCE FREE BATTERY.	IOTA IIS 375 LED	NO LAMPS	PROVIDE SURFACE MOUNTED IN STORAGE ROOM AS INDICATED.	120V
F 5 FIXTURES	6" RECESSED LED DOWNLIGHT WITH SPECIFICATION GRADE REFLECTOR AND GALVANIZED STEEL FRAME.	RP 61100358/IC630C	LED'S INCLUDED.		120V
G 12 FIXTURES	LED SURFACE LIGHT WITH 5700K COLOR TEMPERATURE, DIE CAST ALUMINUM HOUSING WITH SYMMETRIC TYPE 5 DISTRIBUTION.	LSI CRU SM SC LED HO CW UE MSV	LED'S INCLUDED.	PROVIDE WITH A MINIMUM 69 CRI. PROVIDE WITH A MINIMUM 90 LUMENS PER WATT PROVIDE WITH A MINIMUM 90% LUMEN MAINTENANCE AT 50,000 HOURS OF USE.	120V
H	LED COVE LIGHTING.	(1) LSI-LDL3-12-LED-CW-24 (9) LSI LDL3-48-LED-CW-24 (10) LSI 12" JUMPER 35148302 (1) LSI LDL3-24-LED-CW-24 (3) LSI RPSE100 LED 120 POWER SUPPLY	LED'S INCLUDED.	PROVIDE LENGTH AS INDICATED ON PLANS. PROVIDE WITH A MINIMUM 85 CRI.	120V
J 9 FIXTURES	18" STEMS WITH CANOPY.	(7) LSI-AUP-S-LED-HO-NW ACF16 GWT FROSTED LENS (7) LSI BC 600 3 GWT CANOPY	LED'S INCLUDED.	PROVIDE WITH 18" DOWN ROD FOR MOUNTING BELOW BEAMS	120V
K 10 FIXTURES	100 WATT 9" PENDANT WITH GALVANIZED HOUSING AND BLACK CORD.	BARNLIGHT BLE-C-LAR PC. LED12 975 SBK 1250 FL 120	LED'S INCLUDED.	COORDINATE SUSPENSION LENGTH WITH OWNER AND ARCHITECT.	120V
M 3 FIXTURES	WALL MOUNT LED WITH CAST ALUMINUM HOUSING AND TEMPERED GLASS LENS.	LSI PWMS LED HO CW UE BLK	LED'S INCLUDED.		120V
X1 2 FIXTURES	EXIT LIGHT WITH DUAL HEAD EMERGENCY LIGHTING AND BATTERY BACK UP.	LSI PRX RU BK LD11	LED'S INCLUDED.	PROVIDE WITH BATTERY CAPACITY TO POWER ALL ASSOCIATED EMERGENCY HEADS FOR 90 MINUTES.	120V
XX 1 FIXTURES	DUAL HEAD EXTERIOR REMOTE EMERGENCY LIGHTING HEADS	LSI 2TMLED BLK	LAMPS INCLUDED	PROVIDE BATTERY BACK UP FROM NEAREST EXIT SIGN AS INDICATED ON PLANS.	120V
X2 3 FIXTURES	EXIT LIGHT WITH DUAL HEAD EMERGENCY LIGHTING AND BATTERY BACK UP.	LSI LPRX R U BK LD11 R	LED'S INCLUDED.	PROVIDE WITH BATTERY CAPACITY TO POWER ALL ASSOCIATED EMERGENCY HEADS FOR 90 MINUTES.	120V
XX2 2 FIXTURES	SINGLE HEAD EXTERIOR REMOTE EMERGENCY LIGHTING HEADS	LSI 1TMLED W BLK	LAMPS INCLUDED	PROVIDE BATTERY BACK UP FROM NEAREST EXIT SIGN AS INDICATED ON PLANS.	120V
CEILING FANS 1 FIXTURES		MEJA 52" CEILING FAN, FLUSH MOUNTED CEILING, WHITE			

EXTERIOR LIGHTING TIMECLOCK

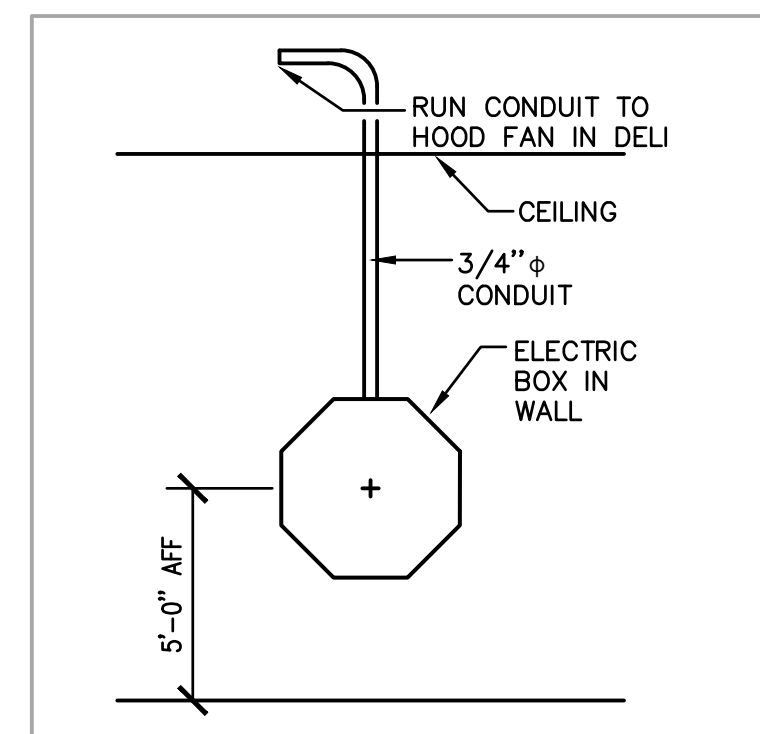
PROVIDE INTERMATIC ET90115C SINGLE CIRCUIT 365 DAY TIME CLOCK FOR EXTERIOR LIGHTING THROUGH SHUNT TRIP FUNCTION OF PANEL "D1"



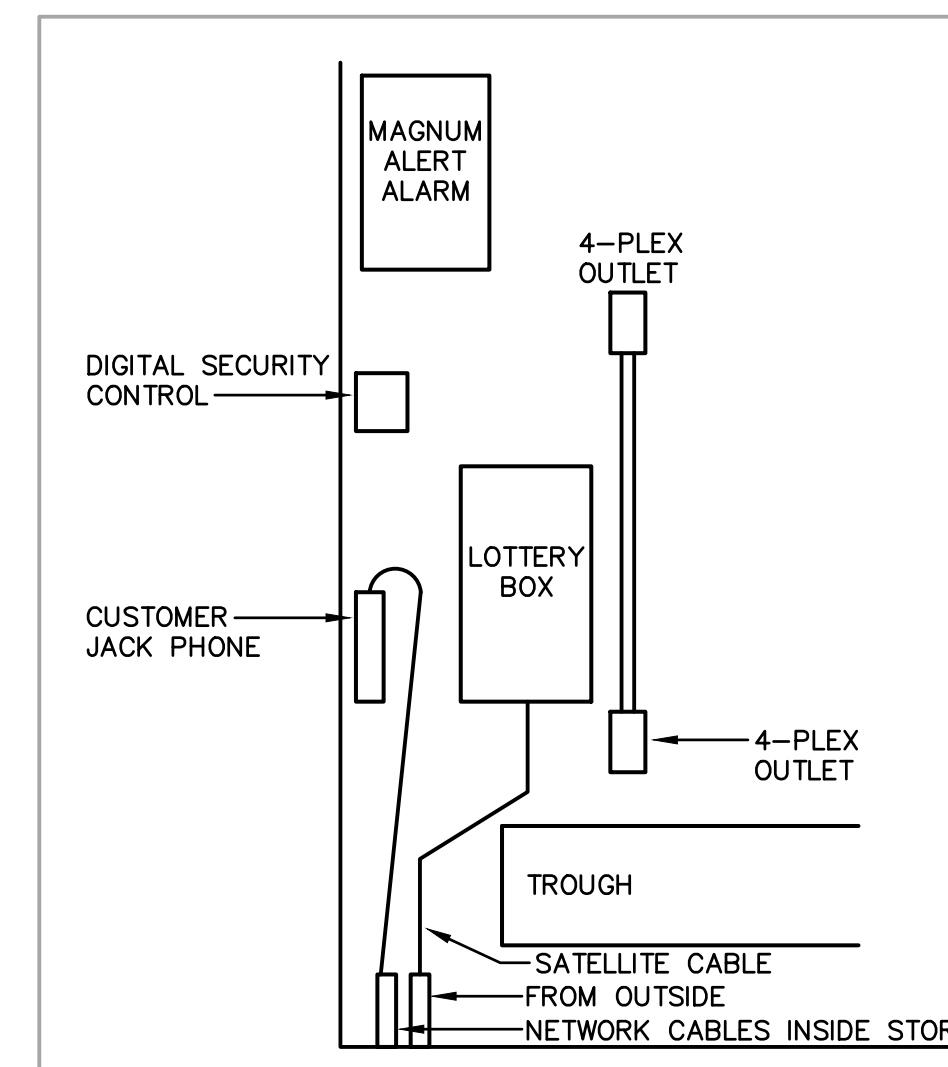
01 WALL BOX DETAIL
E100 NO SCALE



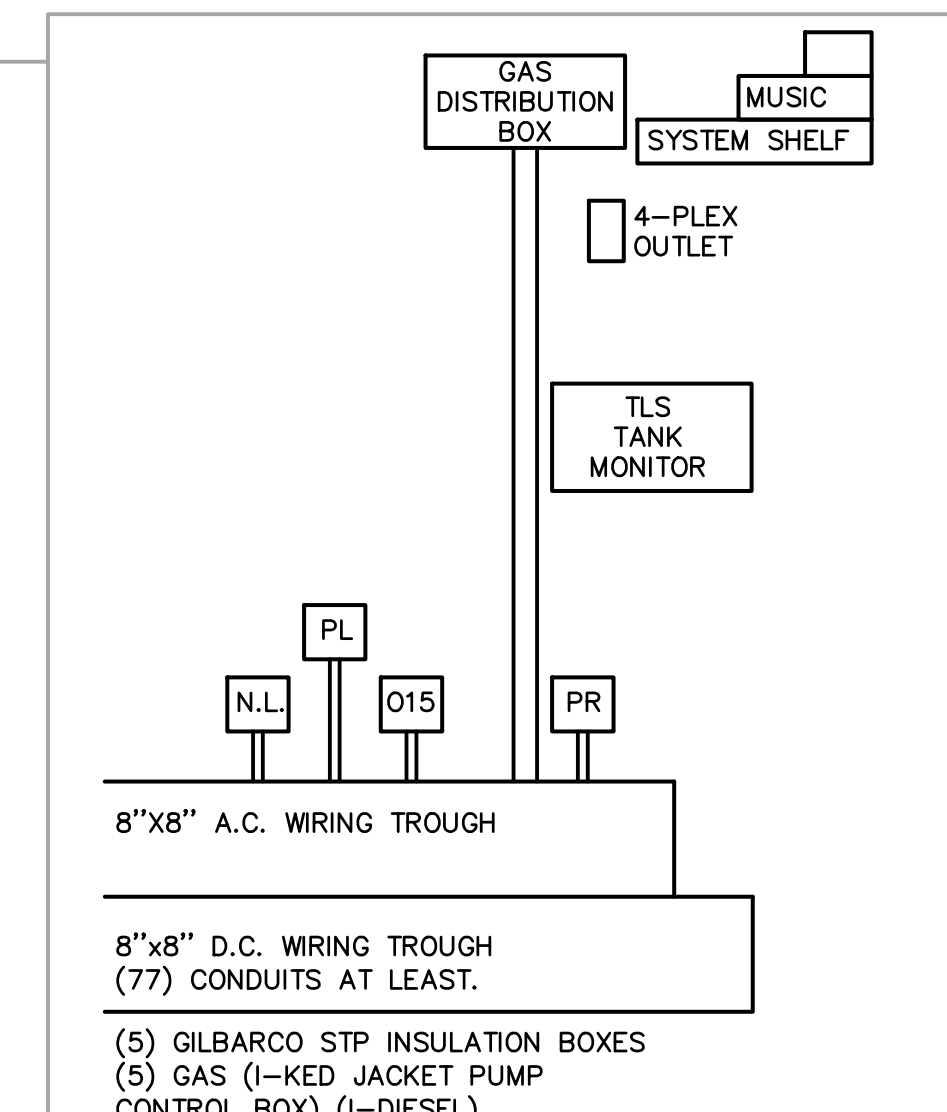
02 WALL BOX DETAIL
E100 NO SCALE



03 DELI HOOD FAN SAFETY SWITCH DETAIL
E100 NO SCALE



04 PART. ELEC. ROOM TROUGH ELEVATION
E100 NO SCALE



05 PART. ELEC. ROOM TROUGH ELEVATION
E100 NO SCALE

SYSTEM	ITEM	DEVICE MODEL # REFER TO SPEC. IF NONE LISTED	BACKBOX COVER IF APPLICABLE	MOUNTING HEIGHT	DRAWING SYMBOL
SWITCHES	LIGHT SWITCH- GENERAL PURPOSE			4'-0"	⊕
	DIMMER SWITCH			4'-0"	⊕
	THREE-WAY SWITCH			4'-0"	⊕
	DUAL TECHNOLOGY ULTRASONIC WALL MOUNTED TYPE OCCUPANCY SENSOR	SENSORSWITCH 4800-101		4'-0"	⊕
	PLOT LIGHT SWITCH (ILLUMINATED WHEN LAMP IS ON)			4'-0"	⊕
	CEILING MOUNTED OCCUPANCY SENSOR	SAW ELECTRIC LIGHT ALERT SMART SWITCH - L05000			⊕
	2'-0" FLUORESCENT WALL MOUNT	SEE SCHEDULE		6'-6"	⊕
	2'x2' FLUORESCENT TROFFER	SEE SCHEDULE		CEIL.	⊕
	2'x4' FLUORESCENT TROFFER	SEE SCHEDULE		CEIL.	⊕
	1'x4' FLUORESCENT TROFFER	SEE SCHEDULE		CEIL.	⊕
LIGHTING	SHADING INDICATES EMERGENCY OPERATION, DIAGONAL SLASH INDICATES RECESSED				⊕
	DOWNLIGHT	SEE SCHEDULE		CEIL.	⊕
	EXIT LIGHT(CEILING, WALL MOUNT)	SEE SCHEDULE		AS NOTED	⊕
	POWER OUTLETS	SIMPLEX		1'-6"	⊕
	DUPLEX - SAFETY TYPE			1'-6"	⊕
	DUPLEX			1'-6"	⊕
	DUPLEX (ABOVE COUNTERTOP)			8" ACT.	⊕
	DUPLEX WITH INTEGRAL GROUND FAULT PROTECTION			1'-6"	⊕
	GANG RECEPTACLE IN COMBINATION WITH SWITCH (PROVIDE DIVIDER IF LIGHTING CIRCUIT IS 277V)			4'-0"	⊕
	QUADRIPLEX RECEPTACLE			1'-6"	⊕
MISC.	JUNCTION BOX			AS NOTED	⊕
	208/1Ø RECEPTACLE, AS NOTED			1'-6"	⊕
	208/3Ø RECEPTACLE, AS NOTED			1'-6"	⊕
	DUPLEX - SURGE SUPPRESSION TYPE			1'-6"	⊕
	DUPLEX - WALL MOUNTED			4'-0"	⊕
	WEATHER RESISTANT DUPLEX - WITH WEATHER-PROOF WHILE IN USE TYPE DIE-CAST METAL COVERPLATE WITH LOCKABLE ENCLOSURE AT OUTLET. INTERMATIC GAURDIAN SERIES OR EQUAL.			1'-6"	⊕
	CONDUIT CONCEALED IN WALLS OR IN CEILING SPACE. APPROX(S) INDICATE(S) HOME RUN & # OF CIRCUITS. HASIMARKS INDICATE # OF CONDUCTORS				⊕
	DISCONNECT SWITCH			5'-0"	⊕
	MAGNETIC STARTER			5'-0"	⊕
	MAGNETIC COMBINATION STARTER			5'-0"	⊕
ENCLOSED FLUSH MTD. CIRCUIT BREAKER			5'-0"	⊕	
AS BUILT DRAWINGS	WEATHERPROOF				⊕
	EMERGENCY PANELBOARD, SURFACE OR FLUSH MOUNTED			6'-6" TO TOP	⊕
	NORMAL PANELBOARD, SURFACE OR FLUSH MOUNTED			6'-6" TO TOP	⊕
	M.E.S. (MAJOR EQUIPMENT SCHEDULE) # INDICATOR				⊕
	TAGGED NOTE				⊕
	REVISION NOTE				⊕
	MECHANICAL EQUIPMENT DESIGNATOR (SEE MECH. SCHEDULES)				⊕
	JUNCTION BOX			AS NOTED	⊕
	PROVIDE CONNECTION TO HAND DRYER			AS NOTED	⊕
	PLUMBING FIXTURE SOLENOID VALVE/ELECTRIC EYE SENSOR CONNECTION. COORDINATE EXACT CONNECTION REQUIREMENTS WITH MANUFACTURER.				⊕
PLUMBING FIXTURE ELECTRIC EYE TRANSFORMER CONNECTION. TRANSFORMER SHALL BE 120V-24V. MOUNT ABOVE SUSPENDED ACCESSIBLE CEILING IN #806. PROVIDE ADDITIONAL TRANSFORMERS OF SAME TYPE AS/IF NEEDED.				⊕	

SYSTEM	ITEM	DEVICE MODEL # REFER TO SPEC. IF NONE LISTED	BACKBOX COVER IF APPLICABLE	MOUNTING HEIGHT	DRAWING SYMBOL
SPECIAL OUTLETS	PLUMBING FIXTURE SOLENOID VALVE/ELECTRIC EYE SENSOR CONNECTION. COORDINATE EXACT CONNECTION REQUIREMENTS WITH MANUFACTURER.				⊕
DATA / VOICE / VIDEO	DATA OUTLET - NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA JACKS TO BE PROVIDED AND INSTALLED. IF NO NUMBER IS INDICATED, THERE SHALL BE ONLY ONE DATA JACK.		1Ø	1'-6"	⊕, ⊕, ⊕

AS BUILT DRAWINGS

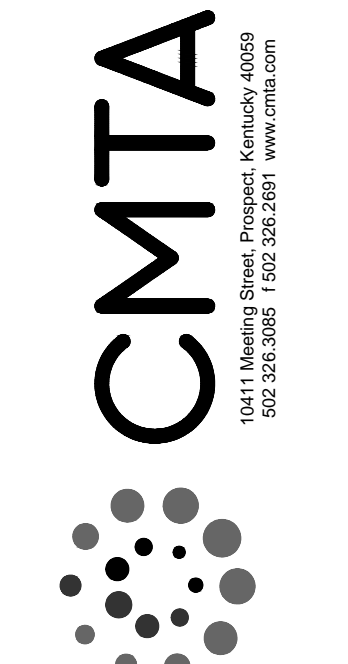
CONTRACTOR SHALL PROVIDE DETAILED AS BUILT DOCUMENTS UPON COMPLETION OF CONSTRUCTION INCLUDING A DIMENSIONED PLAN SHOWING LOCATIONS OF ALL CONDUITS.

GENERAL NOTES (APPLICABLE TO ALL WORK AND DOCUMENTS):

- EACH CONTRACTOR, PROPOSER, SUPPLIER AND/OR MANUFACTURER SHALL REFER TO ALL DOCUMENTS PERTAINING TO THIS PROJECT AND COORDINATE ACCORDINGLY SO AS TO INSURE ADEQUACY OF FIT COMPLIANCE WITH SPECIFICATIONS, PROPER VOLTAGE AND CURRENT CHARACTERISTICS TO AVOID CONFLICT WITH ANY OTHER BUILDINGS SYSTEMS. VERIFY SAME WITH SHOP DRAWINGS.
- OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS THAT MAY APPLY TO THE WORK UNDER THIS CONTRACT. (CITY, COUNTY, LOCAL, STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA, ETC.)
- INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORD WITH MANUFACTURERS' RECOMMENDATIONS AND DIRECTIONS - IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADVISE THE ENGINEERS PRIOR TO INSTALLATION FOR CLARIFICATION.
- THE PURPOSE AND INTENT OF ALL OF THE DOCUMENTS PERTAINING TO THIS PROJECT IS TO PROVIDE A COMPLETE, FUNCTIONAL, SAFE, LIKE NEW FACILITY. ANYTHING LESS SHALL BE UNACCEPTABLE.
- WHERE PENETRATING ROOFING MEMBRANE OR OTHER MATERIALS USED FOR WEATHERPROOFING THE BUILDING, MAKE SUCH PENETRATIONS IN A WAY THAT WILL NOT VOID OR DIMINISH THE ROOFING WARRANTY OR INTEGRITY IN ANYWAY. COORDINATE ALL SUCH PENETRATIONS WITH THE ROOFING INSTALLER.
- REFER TO ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND CASEWORK DETAILS FOR LOCATION OF RECEPTABLES, UTILITY OUTLETS, ELECTRICAL DEVICES, ETC.
- UNLESS OTHERWISE SPECIFIED OR INDICATED, INSTALL LIGHT FIXTURES, DIFFUSERS, REGISTERS, GRILLES, SPRINKLER HEADS, SMOKE DETECTORS AND OTHER CEILING MOUNTED APPURTENANCES IN THE CEILING IN A SYMMETRICAL PATTERN, UNLESS SPECIFICALLY INDICATED OTHERWISE ON THE ARCHITECTURAL REFLECTED CEILING PLANS.
- ANY VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING SYSTEMS IN AN APPROVED MANNER. NOISY OR STRUCTURALLY DAMAGING INSTALLATIONS SHALL BE SATISFACTORILY REPLACED OR REPAIRED AT THE INSTALLING CONTRACTORS' EXPENSE. THE FINAL DECISION ON THE SUITABILITY OF A PARTICULAR INSTALLATION'S ACCEPTABILITY SHALL BE THAT OF THE ENGINEER.
- ALL ELECTRICAL COMPONENTS OR EQUIPMENT SHALL BE LABELED BY UNDERWRITER'S LABORATORIES OR OTHER APPROVED LISTING AGENCY. APPROVED AND LABELING OF INDIVIDUAL COMPONENTS ON AN ASSEMBLY IS NOT ACCEPTABLE AS MEETING THIS REQUIREMENT, UNLESS WAIVED BY THE ENGINEER IN WRITING.
- ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER TRADES. EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE, IN WRITING.
- WHERE EXIT LIGHTS ARE CONNECTED TO EMERGENCY CIRCUITS WITH KEYSWITCH OR CONTACTOR CONTROL, AN UNSWITCHED LINE SHALL BE PULLED IN TO MAINTAIN THEIR OPERATION REGARDLESS OF SWITCH POSITION.
- WHERE EXIT SIGNS OR EMERGENCY BATTERY PACKS ARE PROVIDED, THEY SHALL BE CONNECTED TO AN UNSWITCHED LINE.
- WHERE OUTLETS ARE LOCATED APPROXIMATELY BACK-TO-BACK ON OPPOSITE SIDES OF A PARTY WALL, THE OUTLETS SHALL NOT BE INSTALLED IN THE SAME STUD SPACE, BUT SHALL BE SEPARATED BY A MINIMUM OF ONE STUD, UNLESS OTHERWISE APPROVED BY THE ARCHITECT.
- ALL MATERIALS FURNISHED AND ALL WORK INSTALLED SHALL COMPLY WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODES, NATIONAL FIRE CODES OF THE NATIONAL FIRE PROTECTION ASSOCIATION, THE REQUIREMENTS OF LOCAL UTILITY COMPANIES, AND WITH THE REQUIREMENTS OF ALL GOVERNMENTAL AGENCIES OR DEPARTMENTS HAVING JURISDICTION. IF ANY CONFLICTS OR DISCREPANCIES OCCUR THE MOST STRINGENT SHALL APPLY.
- DO NOT SCALE FROM DRAWINGS, AS PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE CONTRACTOR.
- IF A CANOPY DEDICATED TO DISPENSING DIESEL FUEL IS TO BE CONSTRUCTED, PROVIDE WIRING FOR AN EMERGENCY STOP OUTSIDE OF THE BUILDING ON THE CLOSEST CORNER.



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CONSTRUCTION DOCUMENTS

Issue Date:	August 1, 2024
Drawn By:	APB
Checked By:	BMP
Revisions:	
Mark	Date
AHJ SEAL	

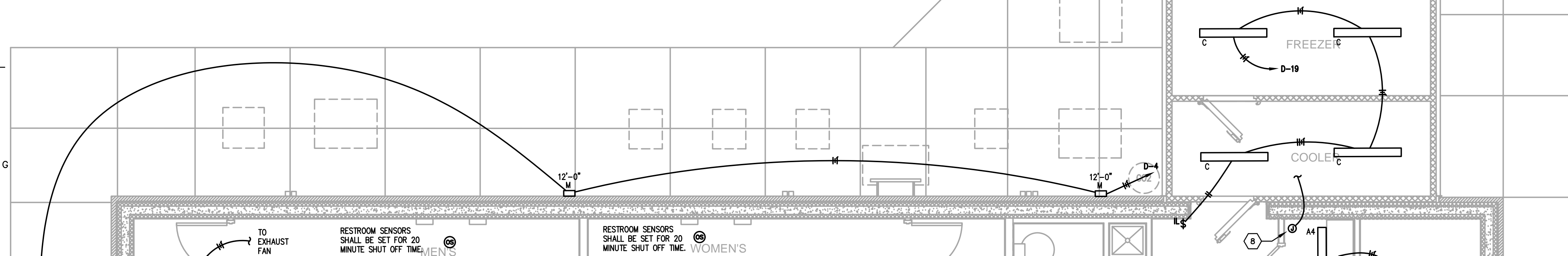
Project Number
23058.01

E1.00

Name: 9000-01A CONSOLE TITLE

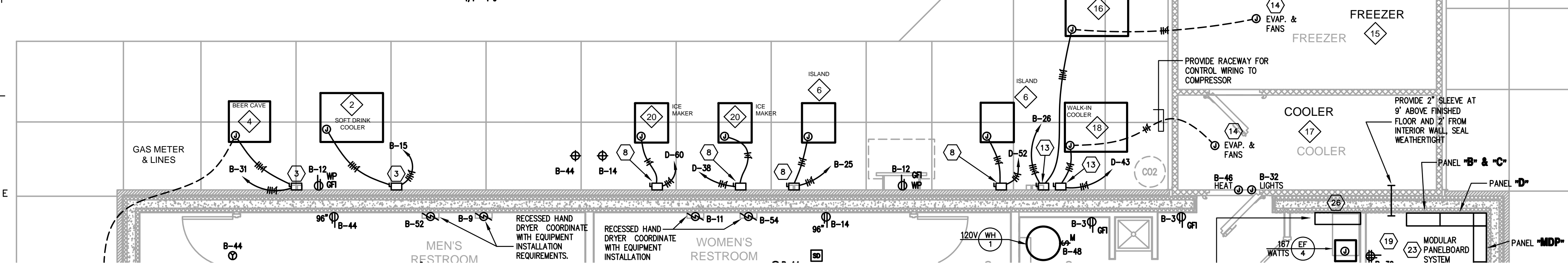
PARTIAL FLOOR PLAN - LIGHTING

1/4" = 1'-0"



PARTIAL FLOOR PLAN - POWER/SYSTEMS

1/4" = 1'-0"



FOOD SERVICE KITCHEN EQUIPMENT SCHEDULE :

Table with columns: ITEM, QTY, DESCRIPTION, ELECTRICAL (KW, HP, AMP, VOLT, PH, PLUG), and REMARKS. Lists kitchen equipment like coolers, freezers, and blenders.

* - DEVICES INDICATED WITH ASTERISKS SHALL BE ROUGHED IN WITH WIRE AND CONDUIT BUT PROVIDED WITH BLANK PLATE.

GENERAL NEW WORK NOTES (POWER) :

- A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED LIGHT FIXTURES ETC. REFER ALSO TO THE ARCHITECT'S CASEWORK DETAILS AND ROOM ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF LIGHT FIXTURES, ETC.
B. ALL NEW WIRING SHALL BE #12 WITH A #12 INSULATED GROUND WIRE (U.O.N.). CONDUIT SHALL BE 1/2" MINIMUM.

TAGGED NOTES (POWER) :

- 1. PROVIDE EMERGENCY KILL SWITCH, ROUGH-IN AND STUB OUT ON EXTERIOR OF BUILDING FOR EMERGENCY PUMP SHUT DOWN. PROVIDE ADDITIONAL SINGLE GANG BOX BELOW FOR SPEAKER. ROUGH-INS SHALL BE CENTERED ABOUT BRICK. PROVIDE CONNECTION TO GAS PUMP PANEL SHUNT TRIP CONTROL AS REQUIRED. ROUGH-INS SHALL BE ON SIDE OF BUILDING FACING PUMP ISLAND. COORDINATE EXACT LOCATION FACING FILING AREA WITH PUMP INSTALLER. COORDINATE PRIOR TO START OF CONSTRUCTION FOR UNDERGROUND ROUTING REQUIREMENTS.
2. ALL RECEPTACLES AND DEVICES AT THE CHECK OUT COUNTER SHALL BE MOUNTED HIGH IN THE BACK OF CASEWORK. COORDINATE EXACT MOUNTING LOCATION WITH ALL TRADES PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL ELEVATIONS.

- 12. NETWORK SWITCHES AND PATCH PANELS SHALL BE PROVIDED BY OWNER AND LOCATED IN ELECTRICAL ROOM AS INDICATED. UNLESS OTHERWISE NOTED, PROVIDE SHIELDED, CAT 6 NETWORK CABLING FROM PHONE AND DATA DROPS INDICATED ON PLANS BACK TO THIS LOCATION. TERMINATE AND LABEL CABLING PER OWNER REQUIREMENTS. PROVIDE TELECOM UTILITY RACEWAYS FROM SITE TO RACK LOCATION. PROVIDE DEDICATED UTILITY SERVICE CONDUIT FOR LOTTERY PHONE LINE. COORDINATE EXACT REQUIREMENTS WITH OWNER AND SITE CONTRACTOR PRIOR TO ROUGH-IN. NETWORK AND VOICE CABLING SHALL BE CONTINUOUS AND SHALL NOT BE SPLICED.
13. PROVIDE 30A/250V/3P DISCONNECT IN NEMA-3R ENCLOSURE. PROVIDE ALL MOUNTING EQUIPMENT AS REQUIRED FOR MOUNTING ON WALL/ROOF. COORDINATE EXACT MOUNTING LOCATION WITH ALL TRADES PRIOR TO ROUGH-IN.

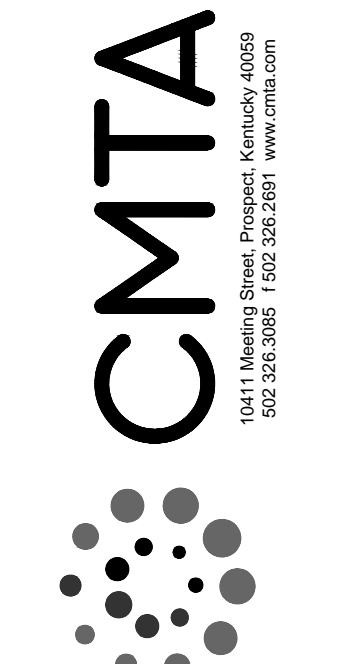
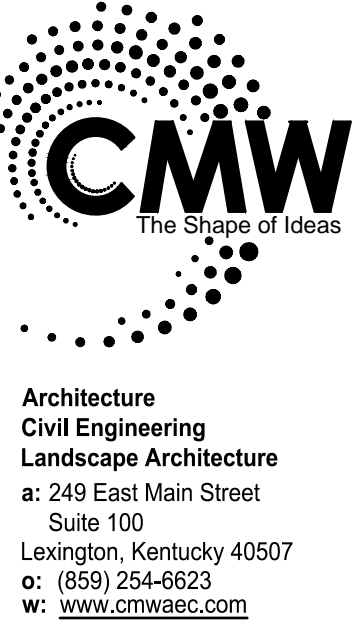
- 22. PROVIDE 3/4" CONDUIT DOWN TO SINGLE GANG BOX FOR ALARM SYSTEM BOX.
23. ALL CONDUIT PENETRATIONS THROUGH THE FLOOR SLAB SHALL BE PROVIDED WITH AIR TIGHT SEALS WHETHER SERVING GAS EQUIPMENT OR NOT.
24. NOT USED.
25. PROVIDE RANGE HOOD EMERGENCY PULL CORD AT 60" ABOVE FINISHED FLOOR AT LOCATION INDICATED. REFER TO DETAIL AND COORDINATE WITH HOOD INSTALLER.
26. PROVIDE A 1" CONDUIT FROM COMM CLOSET TO EACH CANOPY ON SITE FOR CAMERA CABLING.

GENERAL NEW WORK NOTES (LIGHTING) :

- A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED LIGHT FIXTURES ETC. REFER ALSO TO THE ARCHITECT'S CASEWORK DETAILS AND ROOM ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF LIGHT FIXTURES, ETC.
B. ALL NEW WIRING SHALL BE #12 WITH A #12 INSULATED GROUND WIRE (U.O.N.). CONDUIT SHALL BE 3/4" MINIMUM.
C. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER N.E.C. #310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER N.E.C. #300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN N.E.C. #100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.

TAGGED NOTES (LIGHTING) :

- 1. DECORATIVE GRAPHICS LIGHTING J-BOX. ROUTE ALL CONDUIT AND WIRING CONCEALED TO SIGNAGE. PROVIDE BOX IN VERTICAL FACE OF SOFFIT AS REQUIRED. CONNECTION SHALL BE CENTERED OVER SHELVING AND LOCATED 9" ABOVE THE TOP OF THE OPENING. CONTROL WITH INTERIOR LIGHTING. PROVIDE WITH 14-1/2" WIDE X 6" TALL X 4" DEEP JUNCTION BOX ACCESSIBLE FROM THE MANAGER'S OFFICE WITH ONE CIRCUIT AND WHIP OUT THE BACKSIDE TO FEED SIGN. MOUNT 8-1/2" ABOVE FINISHED OPENING CENTERED OVER SHELVING. COORDINATE EXACT ELEVATION WITH ALL TRADES PRIOR TO ROUGH-IN.
2. EXTERIOR LIGHTING CIRCUIT SHALL BE CONTROLLED THROUGH EXTERIOR LIGHTING PHOTOCELL AS REQUIRED. PROVIDE UNSWITCHED CONDUCTOR BYPASSING PHOTOCELL FOR CONNECTION TO BATTERY BACK UP "EB" DEVICES IN OFFICE 103.



PARTIAL FLOOR PLAN - ELECTRICAL
FiveStar #2000 - Brandenburg
NEWCOMB OIL CO, LLC
2121 BRANDENBURG RD
BRANDENBURG, KY

CONSTRUCTION DOCUMENTS

Table with columns: Issue Date, Drawn By, Checked By, Revisions. Includes date August 1, 2024 and names APB and BMP.

Project Number
23058.01

E2.01

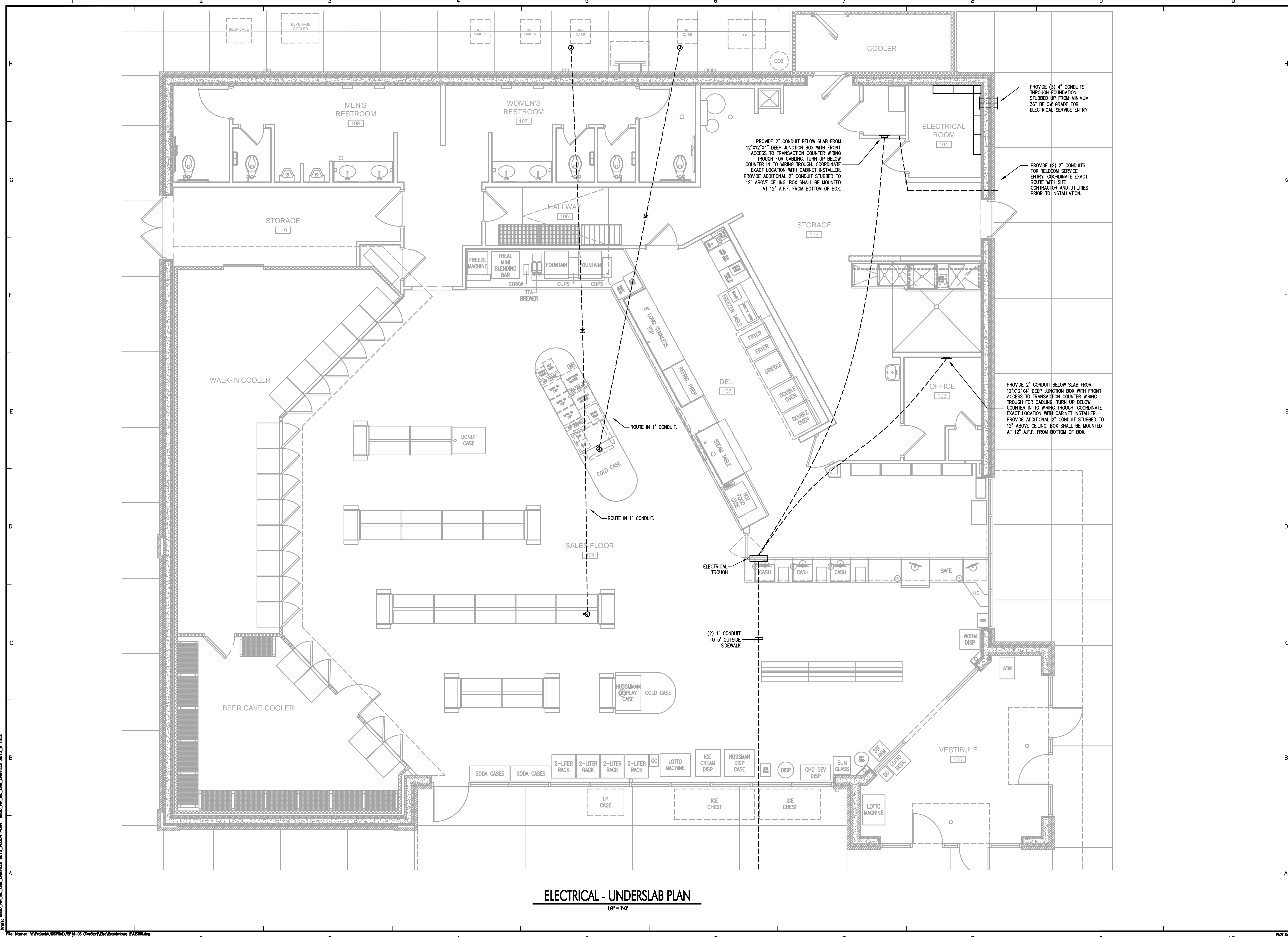
PANELBOARD AND WIRING SCHEDULE													
PANELBOARD: B		AMPERES: 225	VOLTAGE 120/208	PHASE 3	WIRE 4	MANUF.:	SQUARE D	TYPE:	MODULAR				
GND	CON	LOAD			WIRE	BKR	OCT	DESIGNATION	LOAD			CON	GND
		A	B	C					A	B	C		
12	3/4"	0.4						STORAGE - RCP	12	GFI	1		
12	3/4"	0.7						STORAGE - RCP	12	20/1	3		
12	3/4"		0.7					CASH REGISTER - RCP	12	20/1	5		
12	3/4"	0.2						BEER CAVE DOOR - RCP	12	20/1	7		
12	3/4"		0.5					HAND DRYER - MENS	12	GFI	9		
12	3/4"		0.5					HAND DRYER - WOMENS	12	GFI	11		
12	3/4"	0.8						STORAGE - RCP	12	20/1	13		
10	3/4"		3.2					WALK-IN BEV. COOLER COMP.	8	40/3	15		
---	---		3.2					-----	---	---	17		
---	---		3.2					-----	---	---	19		
12	3/4"		0.9					CEILING FANS	12	20/1	21		
12	3/4"		0.4					TELECOM - RCP	12	20/1	23		
12	3/4"	1.2						DELI CASE - COMPRESSOR	12	20/2	25		
---	---		1.2					-----	---	---	27		
12	3/4"		1.0					SOFT DRINK DOOR HEATERS	12	20/1	29		
10	3/4"	3.2						BEER CAVE COMPRESSOR	8	40/3	31		
---	---		3.2					-----	---	---	33		
---	---		3.2					-----	---	---	35		
12	3/4"	0.0						HOOD GAS SOLENOID (SHUNT T.)	12	20/1	37		
12	3/4"		0.7					ELEC ROOM - RCP	12	20/1	39		
12	3/4"		0.4					JOCKEY PUMP	12	20/1	41		
12	3/4"	0.2						STOREFRONT - RCP	12	20/1	43		
12	3/4"		0.2					STOREFRONT - RCP	12	20/1	45		
12	3/4"		0.2					EXHAUST FAN	12	20/1	47		
---	---		0.2					-----	---	---	49		
---	---		0.2					-----	---	---	51		
---	---		0.2					-----	---	---	53		
9.2	10.6	9.6						SUB-TOTAL	KVA				
									KVA	SUB-TOTAL	13.2	9.4	14.0
									KVA	GROSS-TOTAL	22.4	20.0	23.6
EMERGENCY POWER: NO MAIN BREAKER: _____													
BRANCH: _____ MAIN LUGS: _____ YES A.I.C. RATING: 18,000													

PANELBOARD AND WIRING SCHEDULE													
PANELBOARD: C		AMPERES: 225	VOLTAGE 120/208	PHASE 3	WIRE 4	MANUF.:	SQUARE D	TYPE:	MODULAR				
GND	CON	LOAD			WIRE	BKR	OCT	DESIGNATION	LOAD			CON	GND
		A	B	C					A	B	C		
10	3/4"							FUT. BEAN TO CUP MACHINE	10	30/2	1		
---	---							-----	---	---	3		
2	GFI	12						TEA MACHINE	1.0		3/4"	12	
4	GFI	12						FOUNTAIN WALL RCP	0.2		3/4"	12	
6	GFI	12						FOUNTAIN MACHINE	1.0		3/4"	12	
8	GFI	12						FOUNTAIN WALL RCP	0.2		3/4"	12	
10	30/1	10						CAPPUCINO	1.0		3/4"	10	
12	30/1	10						CHOCOLATE CAPPUCINO	1.0		3/4"	10	
14	GFI	12						FRAPPE MACHINE	1.0		3/4"	12	
16	30/2	10						BEAN TO CUP MACHINE	2.5		3/4"	10	
18	---	---						-----	---	---	17		
20	GFI	12						FREAL FREEZER	1.2		3/4"	12	
22	20/3	12						MAU COMPRESSOR	0.8		3/4"	12	
24	---	---						-----	---	---	25		
26	---	---						-----	---	---	27		
28	GFI	12						MICROWAVE	1.2		3/4"	12	
30	GFI	12						BEER CAVE EVAPORATOR	1.0		3/4"	12	
32	30/2	10						BEAN TO CUP MACHINE	2.5		3/4"	10	
34	---	---						-----	---	---	33		
36	GFI	12						FREEZER - RCP	1.0		3/4"	12	
38	GFI	12						REFRIGERATED CASE	0.4		3/4"	12	
40	50/2	8						STEAM TABLE	2.6		3/4"	10	
42	---	---						-----	---	---	41		
44	GFI	12						FRONT DELI WALL RECEPTACLE	0.2		3/4"	12	
46	GFI	12						HOOD WALL - RCP	1.0		3/4"	12	
48	GFI	12						CARBONATION PUMPS	1.0		3/4"	12	
50	GFI	12						HOOD WALL - RCP	0.4		3/4"	12	
52	20/1	12						DELI ISLAND - RCP	0.7		3/4"	12	
54	GFI	12						FOUNTAIN WALL RCP					
7.6	7.6	8.3						SUB-TOTAL	7.7	12.5	10.7		
									KVA	GROSS-TOTAL	15.3	20.1	19.0
EMERGENCY POWER: NO MAIN BREAKER: _____													
BRANCH: _____ MAIN LUGS: _____ YES A.I.C. RATING: 18,000													

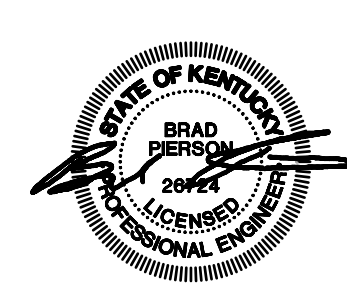
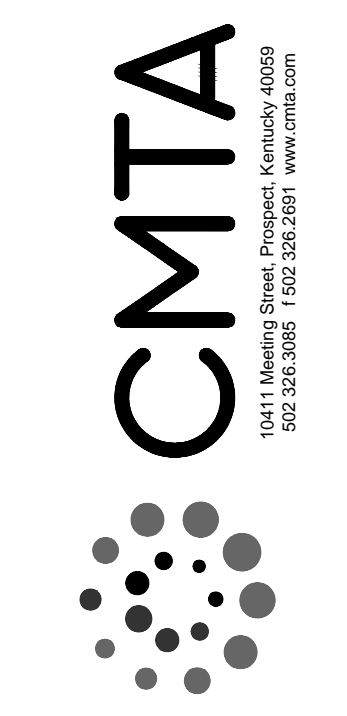
PANELBOARD AND WIRING SCHEDULE													
PANELBOARD: D		AMPERES: 225	VOLTAGE 120/208	PHASE 3	WIRE 4	MANUF.:	SQUARE D	TYPE:	MODULAR				
GND	CON	LOAD			WIRE	BKR	OCT	DESIGNATION	LOAD			CON	GND
		A	B	C					A	B	C		
12	3/4"	1.0						CUSTOMER AREA - LTG.	12	20/1	1		
12	3/4"		1.6					CUSTOMER AREA - LTG.	12	20/1	3		
12	3/4"		0.9					COOLER - LTG	12	20/1	5		
12	3/4"	1.1						BACK ROOM - LTG	12	20/1	7		
12	3/4"		0.2					BACK ROOM - LTG	12	20/1	9		
10	1"		1.2					SITE SIGN	10	20/1	11		
10	1"	1.2						SITE SIGN	10	20/1	13		
10	1"		1.2					SITE SIGN	10	20/1	15		
10	1"		1.2					SITE SIGN	10	20/1	17		
12	3/4"	0.2						COOLER /FREEZER LTG	12	20/1	19		
12	3/4"							FUT. CONVECTION OVEN	30/2	21			
---	---							-----	GFI	23			
---	---							-----	---	25			
12	3/4"		1.5					HOT SANDWICH CASE 120V	12	20/1	27		
12	3/4"		1.0					FOUNTAIN MACHINE	12	GFI	29		
10	3/4"	1.7						ICEMAKER - INDOOR UNIT	10	20/2	31		
---	---		1.7					-----	---	33			
12	3/4"		0.5					FOOD PREP TABLE	12	20/2	35		
---	---		0.5					-----	---	37			
12	3/4"		1.4					CONVECTION OVEN	12	GFI	39		
12	3/4"		1.4					FUT. CONVECTION OVEN	12	GFI	41		
12	3/4"	1.0						COOLER COMPRESSOR	12	20/3	43		
---	---		1.0					-----	---	45			
---	---		1.0					-----	---	47			
12	3/4"	0.3						LTG - BEER CAVE	12	20/1	49		
12	3/4"		0.2					STORAGE - LTG	12	20/1	51		
12	3/4"		0.5					RESTROOM - LTG	12	20/1	53		
12	3/4"	0.2						AIR BARRIER (AB-1)	12	20/2	55		
---	---		0.2					-----	---	57			
---	---		0.2					-----	---	59			
---	---		0.2					-----	---	61			
---	---		0.2					-----	---	63			
---	---		0.2					-----	---	65			
---	---		0.2					-----	---	67			
---	---		0.2					-----	---	69			
---	---		0.2					-----	---	71			
7.2	9.0	7.6						SUB-TOTAL	KVA				
									KVA	SUB-TOTAL	17.5	15.6	11.5
									KVA	GROSS-TOTAL	24.7	24.6	19.1
EMERGENCY POWER: NO MAIN BREAKER: _____													
BRANCH: _____ MAIN LUGS: _____ YES A.I.C. RATING: 18,000													

PANELBOARD AND WIRING SCHEDULE													
PANELBOARD: D1		AMPERES: 225	VOLTAGE 120/208	PHASE 3	WIRE 4	MANUF.:	SQUARE D	TYPE:	MODULAR				
GND	CON	LOAD			WIRE	BKR	OCT	DESIGNATION	LOAD			CON	GND
		A	B	C					A	B	C		
12	3/4"	0.2						BUILDING SIGN - LTG	12	20/1	1		
12	3/4"		0.5					BUILDING CANOPY - LTG	12	20/1	3		
12	3/4"		0.2					BUILDING MOUNTED - LTG	12	20/1	5		
10	3/4"	1.5						SITE POLE LIGHTS	10	20/1	7		
10	3/4"		1.5					SITE POLE LIGHTS	10	20/1	9		
10	3/4"		1.5					SITE POLE LIGHTS	10	20/1	11		
10	1"	1.2						SITE SIGN	10	20/1	13		
10	1"		1.2					SITE SIGN	10	20/1	15		
12	3/4"		1.0					THERMAL SERVER	12	20/1	17		
12	3/4"	1.0						THERMAL SERVER	12	20/1	19		
12	3/4"		1.0					OVEN / PROOFER	12	GFI	21		
12	3/4"		1.0					OVEN / PROOFER	12	GFI	23		
12	3/4"	1.0						FRYER	12	20/1	25		
12	3/4"		1.0					GRIDDLE	12	20/1	27		
10	3/4"		2.8					PCU-2	8	40/3	29		
---	---		2.8					-----	---	31			
---	---		2.8					-----	---	33			
12	3/4"		0.6					HOT FOOD WALL - RCP	12	GFI	35		
10	3/4"	0.8						HOOD EXHAUST FAN	10	20/3	37		
---	---		0.8					-----	---	39			
---	---		0.8					-----	---	41			
12	3/4"	0.6						SODA WALL - RCP	12	GFI	43		
12	3/4"		0.4					SODA WALL - RCP	12	GFI	45		
10	3/4"		5.7					FRYER	6	60/3	47		
---	---		5.7					-----	---	49			
---	---		5.7					-----	---	51			
12	3/4"		1.0					VESTIBULE - RCP	12	20/1	53		
14.8	14.9	14.6						SUB-TOTAL	KVA				
									KVA	SUB-TOTAL	18.3	19.9	19.7

Year: 6500_RL_BC_BAS_DWALLE 3010_FLOOR PLAN 6500_RL_BC_BAS_DWALLE 3010_E TITLE



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



ELECTRICAL - UNDERSLAB PLAN
FiveStar #2000 - Brandenburg
NEWCOMB OIL CO., LLC
2121 BRANDENBURG RD
BRANDENBURG, KY

CONSTRUCTION DOCUMENTS

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AHJ SEAL

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