

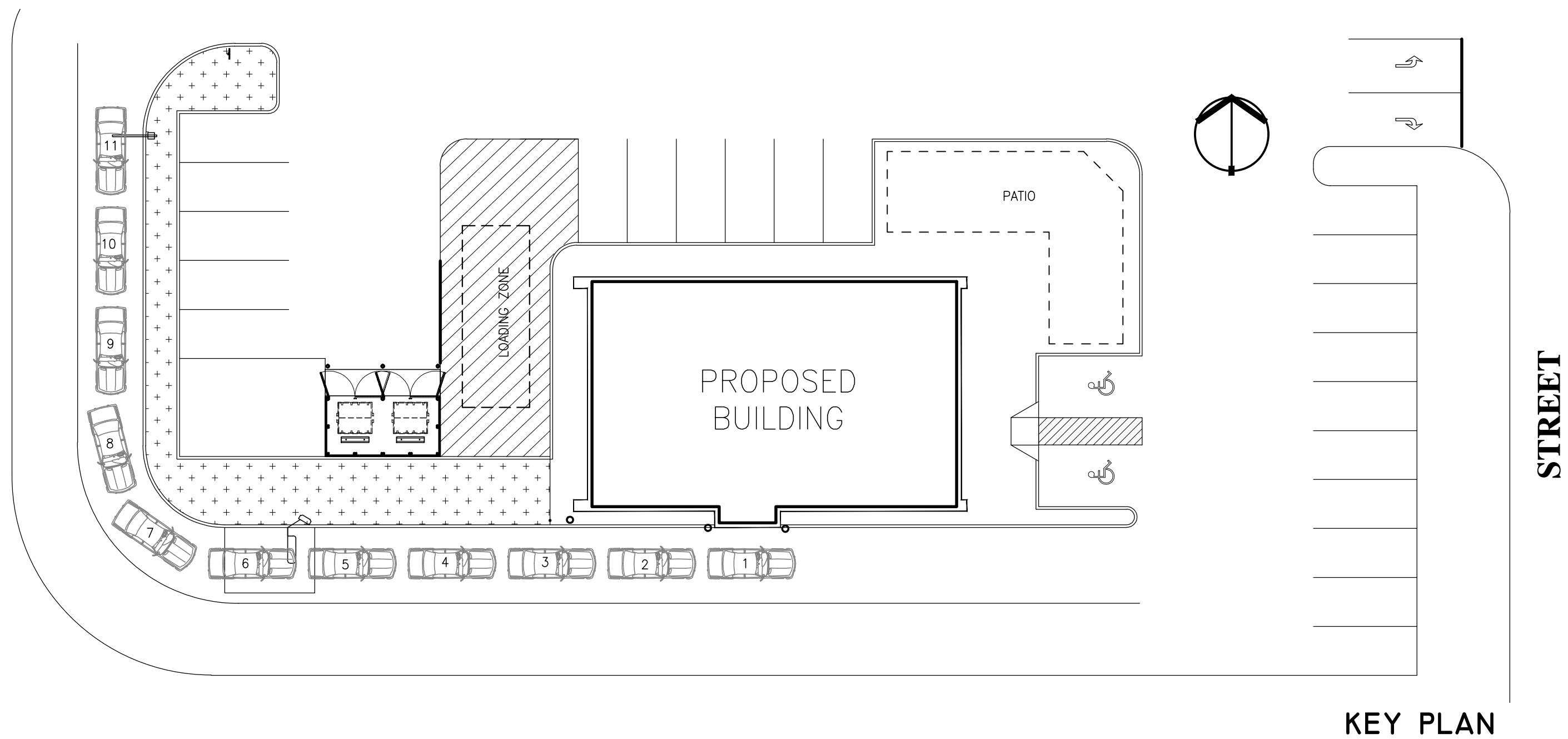
PROPOSED NEW



PROTOTYPE VERSION 1.6.2022

STREET NAME

CITY, PROVINCE



KEY PLAN

LIST OF DRAWINGS

ARCHITECTURAL

LOGO

- A0.0 Cover Sheet & Matrix
- A1.0 General Notes & Specifications
- A1.1 General Notes & Specifications
- A1.2 Typical Site Details
- A1.3 Typical Details
- A2.0 Floor Plan
- A3.0 Roof Plan
- A3.1 Roof Details
- A3.2 Alternative Roofing Systems (2-Ply & EPDM)
- A4.0 Proposed Exterior Elevations
- A5.0 Wall Sections
- A5.1 Wall Sections
- A5.2 Wall Sections
- A5.3 Wall Sections
- A6.0 Typical Details
- A6.1 Details
- A6.2 Section Details
- A7.0 Door Schedules
- A8.0 Garbage Enclosure Details
- A9.0 Alt. EIFS System Spec. & Details

STRUCTURAL

LOGO

MECHANICAL

LOGO

ELECTRICAL

LOGO

BUILDING CODE MATRIX

Firm Name: ARCHITECT Certificate of Practice Number: # ADDRESS CITY, PROVINCE, POSTAL CODE TEL (XXX) XXX XXXX Name of Project: Proposed New Building Location: # STREET NAME, CITY, PROVINCE, POSTAL CODE												
Item	Provincial Building Code Data Matrix Parts 3 or 9							OBC Reference <small>References are to Division B unless noted (A) for Division A or (C) for Division C.</small>				
1	Project Description:		<input checked="" type="checkbox"/> New <input type="checkbox"/> Addition <input type="checkbox"/> Change of Use		<input type="checkbox"/> Part 11 11.1 to 11.4		<input checked="" type="checkbox"/> Part 3 1.1.2. [A]		<input type="checkbox"/> Part 9 1.1.2. [A] & 9.10.1.3.			
2	Major Occupancy(s)		RESTAURANT					3.1.2.1.(1)		9.10.2.		
3	Building Area (m ²)		Existing _____ New <u>270.35</u> Total <u>270.35</u>					1.4.1.2.[A]		1.4.1.2.[A]		
4	Gross Area		Existing _____ New <u>270.35</u> Total <u>270.35</u>					1.4.1.2.[A]		1.4.1.2.[A]		
5	Number of Storeys		Above grade <u>1</u> Below grade <u>0</u>					1.4.1.2.[A] & 3.2.1.1.		1.4.1.2.[A] & 9.10.4.		
6	Number of Streets/Fire Fighter Access		<u>2</u>					3.2.2.10. & 3.2.5.		9.10.20.		
7	Building Classification		GROUP "A", DIVISION 2, 1 STOREY					3.2.2.28.		9.10.2.		
8	Sprinkler System Proposed		<input type="checkbox"/> entire building <input type="checkbox"/> selected compartments <input type="checkbox"/> selected floor areas <input type="checkbox"/> basement <input type="checkbox"/> in lieu of roof rating <input checked="" type="checkbox"/> not required					3.2.1.5. 3.2.2.17. INDEX		9.10.8.2. INDEX		
9	Standpipe Required		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No					3.2.9.		N/A		
10	Fire Alarm Required		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No					3.2.4.		9.10.18.		
11	Water Service/Supply is Adequate		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					3.2.5.7.		N/A		
12	High Building		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No					3.2.6.		N/A		
13	Construction Restrictions		<input type="checkbox"/> Combustible permitted <input type="checkbox"/> Combustible <input type="checkbox"/> Non-combustible required <input type="checkbox"/> Combustible <input type="checkbox"/> Non-combustible <input checked="" type="checkbox"/> Both					3.2.2.57.		9.10.6.		
14	Mezzanine(s) Area m ²		<u>N/A</u>					3.2.1.1.(3)-(8)		9.10.4.1.		
15	Occupants load based on _____ m ² /person		<input type="checkbox"/> m ² /person Occupancy <u>A2</u> Load <u>45</u> persons		<input checked="" type="checkbox"/> design of building			3.1.17.		9.9.1.3.		
16	Barrier-free Design		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain)					3.8.		9.5.2.		
17	Hazardous Substances		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					3.3.1.2. & 3.3.1.19.		9.10.1.3.(4) 9.10.8. 9.10.9.		
18	Required Fire Resistance Rating (FRR)		Horizontal Assemblies FRR (Hours) Floors _____ Hours Roof _____ Hours Mezzanine _____ Hours FRR of Supporting Members Floors _____ Hours Roof _____ Hours Mezzanine _____ Hours		Listed Design No. or Description (SG-2)							
19	Spatial Separation - Construction of Exterior Walls							3.2.3		9.10.14		
	Wall	Area of EBF (m ²)	L.D. (m)	L/H or H/L	Permitted Max. % of Openings	Proposed % of Openings	FRR (Hours)	Listed Design or Description	Comb. Const.	Comb. Constr. Non-Cladding	Non-comb. Constr.	
	North	85.3		5:1	100	0						
	South	85.3		5:1	100	18.21						
	East	52.0		3:1	100	55.21						
	West	51.5		3:1	100	4.53						
(Additional wall areas continued below)												
20	Plumbing Fixture Requirements							BC Reference				
Male/Female Count @ <u>50</u> %/_ <u>50</u> % except as noted otherwise		Occupant Load	BC Table Number	Fixtures Required	Fixtures Provided	<input checked="" type="checkbox"/> Part 3		<input type="checkbox"/> Part 9				
Women <u>A2</u>		23	3.7.4.3.D.	2	3 ^{IR}	3.7.4.2.(7)						
Men <u>A2</u>		22	3.7.4.3.D.	2	3 ^{IR}	3.7.4.3.(4)						
PIROUGH-INS ONLY - FIXTURE BY TENANT UNDER SEPARATE PERMIT.												
21	Other - Describe											

GENERAL CONTRACTORS RESPONSIBILITY AND COORDINATION

IT IS THE BIDDING GENERAL CONTRACTORS RESPONSIBILITY TO ENSURE ALL BIDDING SUB-TRADES HAVE ACCESS OR RECEIVE ALL DRAWINGS, WRITTEN DOCUMENTATION AND ADDENDUMS ISSUED BY ALL DISCIPLINES FOR ALL TRADES, AS PART OF THIS TENDER. IT IS ALSO THE BIDDING GENERAL CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL ITEMS PERTAINING TO THE WORK SHOWN ON ALL DRAWINGS ARE COORDINATED AND ACCOUNTED FOR AT TIME OF CLOSING. IN THE EVENT THAT THERE IS MISSING INFORMATION, CONTRADICTORY INFORMATION OR ITEMS APPEAR TO BE INCOMPLETE, OR INCORRECT, THE BIDDERS AREA TO BRING IT TO THE CONSULTANTS' ATTENTION PRIOR TO TENDER CLOSE. IF NO REQUEST FOR CLARIFICATION IS RECEIVED PRIOR TO TENDER CLOSE, THEN IT IS UNDERSTOOD THAT BY SUBMITTING A BID ANY COST RELATED TO SAID INCOMPLETE CONTRADICTORY OR MISSING/ INCORRECT INFORMATION IS INCLUDED IN THE TENDER AMOUNT AND NO CLAIM FOR EXTRA WILL BE ACCEPTED AFTER TENDER AWARD.

DRAWINGS VS. SPECIFICATIONS

NOTWITHSTANDING GC1.1.9, SPECIFICATIONS AND GENERAL NOTES SHALL GOVERN OVER DRAWINGS, EXCEPT WHEN THE DRAWING INFORMATION SPECIFICALLY STATES A MORE STRINGENT CONDITION THAN GENERAL SPECIFIED, INCLUDE ALL ITEMS DESCRIBED ON EITHER THE DRAWINGS OR SPECIFICATIONS IN THE CONTRACT BID.

DRAWINGS vs. DRAWINGS

NOT WITHSTANDING GC1.1.9, IN THE EVENT THAT THERE IS CONTRADICTION OR CONFLICT BETWEEN CONSULTANT DRAWINGS, THE MORE STRINGENT CONDITION SHALL APPLY AND BE INCLUDED IN THE BID, WITH CONFIRMATION BEING PROVIDED TO THE SUCCESSFUL BIDDER PRIOR TO ORDERING AND INSTALLATION OF MATERIALS. INCLUDE ALL ITEMS DESCRIBED ON EITHER THE DRAWINGS OR SPECIFICATIONS IN THE CONTRACT BID.

LANDLORD LOGO

GENERAL NOTES

GYP SUM WALLBOAR D (09250)

1. FINISHED GYP SUM WALLBOAR D SURFACES SHALL BE TRUE PLANES WITHIN 1/8" OF A 12 FOOT STRAIGHT EDGE PLACED ANYWHERE ON THE SURFACE. ALL SURFACES SHALL BE FREE OF WAVES AND IRREGULARITIES. VERTICAL SURFACES SHALL BE TRUE TO LINE. HORIZONTAL SURFACES SHALL BE LEVEL, CONFORM TO CURRENT C.S.A. STANDARDS A.82.30 AND A.82.31 UNLESS OTHERWISE NOTED. CONFORM TO REQUIREMENTS OF ALL U.L.C. OR U.L.I. TIME RATED ASSEMBLY TEST DESIGNS SPECIFIED FOR FIRE RATED ASSEMBLIES. SUBMIT SHOP DRAWINGS AS REQUIRED.
2. BRACE OR REINFORCE STUDS AS REQUIRED DUE TO HEIGHT. PROVIDE HORIZONTAL BRACING AT 5 FEET O.C. FOR HEIGHTS OVER 8 FEET. PROVIDE DOUBLE STUDS AT EACH SIDE OF DOOR FRAMES. PROVIDE HORIZONTAL RUNNER, CUT TO LENGTH, OVER DOOR FRAMES. INSTALL H.M. FRAMES WHERE THEY OCCUR IN GYP SUM WALLBOAR D PARTITIONS.
3. WHERE SOUND RESISTANT WALLS ARE INDICATED, STEEL STUD RUNNER CHANNELS AT WALLS, FLOOR, CEILING AND U/S OF ROOF DECK, SHALL BE SET IN DOUBLE RIBBON OF ACoustICAL SEALANT TO PREVENT PASSAGE OF SOUND. PROVIDE SOUND SEAL IN ALL LOCATIONS WHERE MEMBERS, PIPES, DUCTS, PENETRATE ACoustIC PARTITIONS. DO NOT LOCATE OUTLET BOXES BACK TO BACK. SEAL BOXES AND JUNCTURE OF BOX AND WALLBOAR D MEMBRANES.
4. PROVIDE CONTROL JOINTS (CCC NO. 093) WHERE: CEILING ABUTS A DISSIMILAR ELEMENT; CONSTRUCTION CHANGES WALL OR WITHIN THE PARTITION OR BETWEEN CEILING; CEILING, PARTITION OR FURRING RUN EXCEEDS 30 FEET; CEILING DIMENSIONS EXCEEDS 50 FEET IN EITHER DIRECTION: WINGS OF "I", "U", AND "T" SHAPED CEILING AREAS ARE JOINED AND ELSEWHERE AS REQUIRED AND IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. PROVIDE LAYOUT FOR ARCHITECT'S APPROVAL, PRIOR TO ERECTION.
5. CEILINGS, EXTERIOR SOFFITS AND BULKHEADS: SUSPENSION SYSTEM TO SUPPORT ASSEMBLIES, WITH MAX. DEFLECTION OF 1/360, 1. BEING SPAN BETWEEN SUPPORTS. HANGERS FOR SUSPENDED CEILINGS SHALL SUPPORT GRILLAGE INDEPENDENT OF WALLS, COLUMNS, PIPES AND DUCTS. SPACE HANGERS AT MAX. 4 FEET O.C. PROVIDE ADDITIONAL HANGERS AS REQUIRED TO SUPPORT WEIGHT OF LIGHTING FIXTURES, DIFFUSERS, GRILLES AND OTHER BUILT IN ITEMS OCCURRING IN CEILINGS. COOPERATE CLOSELY WITH OTHER TRADES SO THAT SUCH ITEMS AS DIFFUSERS, GRILLES, LIGHT FIXTURES, ACCESS PANELS, SPEAKERS, ETC. MAY BE PROPERLY RELATED TO THE CEILING SYSTEM AS SHOWN AND, WHERE NOT SHOWN, TO CONSULTANT'S APPROVAL.
6. SUSPEND CEILINGS DIRECTLY FROM STRUCTURAL MEMBERS OR CARRYING CHANNELS SUPPORTED FROM STRUCTURAL MEMBERS, DO NOT FASTEN HANGERS TO STEEL DECK. WHERE DUCTWORK PIPING OR OTHER EQUIPMENT INTERFERS WITH INSTALLATION OF CEILING FROM THE STRUCTURE, OR WHERE HANGER SPACING MUST EXCEED 4 FEET, INSTALL ADDITIONAL FRAMING SECURELY FASTENED TO THE MAIN STRUCTURE TO SUIT PROPER HANGING OF CEILING.
7. WHERE INDICATED ON DRAWINGS, EXTERIOR SKIN OF THE BUILDING SHALL BE MASONRY VENEER AND/OR EPS WITH A STEEL STUD BACKUP. THE 8" EXTERIOR DESIGNED STUD SYSTEM SHALL BE AND FABRICATED BY A FULLY EXPERIENCED AND RECOGNIZED MANUFACTURER OF STRUCTURAL STEEL STUDS. SUBMIT REFERENCES INDICATING HISTORY OF WORK OF THIS TYPE AND EVIDENCE OF CERTIFICATION. VERIFY WITH SUBMISSION OF SHOP DRAWINGS THAT ALL COMPONENTS, ANCHORS, TIES TO SUPPORTS AND REINFORCING WILL SAFELY SUPPORT SUPERIMPOSED LOADS WITHOUT REACTION DETRIMENTAL TO FUNCTION, APPEARANCE OR SAFETY. SHOP DRAWINGS SHALL SHOW COMPLETE CONNECTION, BRACING AND INSERT DETAILS. COORDINATE WITH OTHER TRADES AND PROVIDE PERTINENT DETAILED INFORMATION TO THEIR REQUIREMENTS ON SHOP DRAWINGS. SO CONNECTION MATERIAL AND BACK-UP MATERIAL CAN BE READILY ERECTED IN ON LOCATION, SHOP DRAWINGS MUST BE PREPARED BY A QUALIFIED PRIMA SIAL, CHECKED BY AND BEARING SEAL OF AN P.E.N.G. PRACTICING IN THE PLACE OF WORK. ENGINEERS' CALCULATIONS AND SHOP DRAWINGS MUST BE BASED ON SPECIFIED PROPERTIES. ENGINEERED DATA ON ALTERNATIVE SYSTEMS WILL BE SUBJECT TO CONSULTANT'S APPROVAL. THE ABOVE NOTED P. ENG TO PROVIDE WRITTEN CONFIRMATION THAT THE SYSTEM WAS CONSTRUCTED IN ACCORDANCE WITH THE SUBMITTED SHOP DRAWINGS.
8. METAL STUDS AND RUNNERS FOR EXTERIOR MASONRY VENEER WALLS SHALL BE 8 INCHES, WITH GAUGE DESIGNED TO MEET LOADING REQUIREMENTS AND TO MEET LIMITS OUTLINED HEREIN. STUDS SHALL BE GALVANIZED STEEL, WITH RUNNERS TO MATCH STUD STYLE. RUNNERS SHALL HAVE LONGER LEGS WHERE REQUIRED TO COMPENSATE FOR DEFLECTION OF STRUCTURE ABOVE. STUDS SHALL BE BAILEY METAL PRODUCTS LIMITED OR APPROVED EQUAL. DEFLECTION LIMIT OF STRUCTURAL STUD SYSTEM SHALL NOT EXCEED 1/720 TH OF STUD SPAN. STRUCTURAL PROPERTIES SHALL BE IN ACCORDANCE WITH CSA S136 COLD FORMED STEEL STRUCTURAL MEMBERS WORKING STRESS DESIGN. ASSEMBLY DESIGN TO BE ACCORDING TO THE STANDARDS OF CANADIAN SHEET STEEL BUILDING INSTITUTE.
9. UNLESS OTHERWISE INDICATED, EXTERIOR WALLS SHALL CONSIST OF A MASONRY VENEER, AIR SPACE, TYVEK OR EQUIT COMMERCIALWRAP AIR BARRIER (UNLESS INDICATED OTHERWISE) MECHANICALLY FASTENED TO EACH STUD WITH GALVANIZED OR PLASTIC WASHER AND SCREW AND LAPPED TO FORM A SHINGLING EFFECT FOR WATER RUNOFF. ON 1/2 INCH EXTERIOR SHEATHING BOARD, 8 INCH GALVANIZED STEEL STUDS, 8 INCH BATT INSULATION, 6 MIL. POLY VAPOUR BARRIER AND 5/8" DRYWALL TAPE JOINTS (FULL HEIGHT) SEAL AT HEAD AND SILL AND AROUND ALL PROJECTIONS, AND PAINT INTERIOR SURFACE AS INDICATED.
10. ADJUSTABLE VENEER ANCHORS AND TIES SHALL BE STUD-KLAMP TYPE "L" WITH FLEX-O-LOCK B.L.T.9 THE ALL HOT DIP GALVANIZED AFTER FABRICATION, BY BLOK-LOCK LIMITED. ANCHORS TO BE MECHANICALLY FASTENED TO STUDS (24" VERT. X 16" HORIZ.) FROM INTERIOR SIDE OF WALL. APPLY A 3M ADHESIVE TAPE AT ALL JOINTS AROUND EACH ANCHOR AFTER INSTALLATION OF TYVEK OR OTHER SPECIFIED AIR BARRIER TO AVOID MIGRATION OF WATER FROM THE ANCHOR TO THE WALLBOARD SHEATHING. PLEASE NOTE THAT THE INSTALLATION OF THE AIR BARRIER MUST BE CARRIED OUT IMMEDIATELY FOLLOWING THE SHEATHING INSTALLATION AND INSTALLATION OF TYVEK SHALL BE DONE BY THE SAME CONTRACTOR. INSTALLATION OF TYVEK AIR BARRIER BY SECTION 4220 AT THE TIME OF MASONRY INSTALLATION, WILL NOT BE ACCEPTED. TYVEK OR OTHER SPECIFIED AIR BARRIER ACTS AS A TEMPORARY PROTECTION OF THE DRYWALL SHEATHING AGAINST METTING AND ANY RAIN WATER DAMAGE.
11. PROVIDE DAMPPROOF COURSE TO UNDERSIDE OF FLOOR TRACKS.
12. MAINTAIN THE STRUCTURAL INTEGRITY AND THE CONTINUITY OF THE STRUCTURAL STUDS SYSTEMS IN ALL AREAS WHERE BUILDING CROSS-BRACING IS INSTALLED. PROVIDE SHOP DRAWING DETAIL SHOWING STUDS' INSTALLATION RELATIVE TO THE CROSS BRACING MEMBERS.
13. INSTALLATION OF THE TYVEK AIR BARRIER TO BE CARRIED OUT IN STRICT ACCORDANCE WITH DUPONT TYVEK HOMEWRAP AIR BARRIER GUIDELINES TO ENSURE AIR TIGHTNESS. SECURE THE MEMBRANE, OVERLAP ALL

JOINTS, SEAL AND TAPE JOINTS AND SEAMS USING PRODUCTS AND MATERIALS SUITABLE FOR THOSE APPLICATIONS.

14. MAINTAIN THE CONTINUITY OF THE VAPOUR BARRIER. OVERLAP ALL JOINTS AND SEAL WITH A SUITABLE ADHESIVE TAPE. PROVIDE A NON-COMBUSTIBLE COVER/FINISH TO ALL EXPOSED POLYETHYLENE VAPOUR BARRIER SURFACES.

PAINTING (9900)

- WHERE INDICATED
1. EXAMINE SURFACES TO RECEIVE PAINT AND REPORT TO CONSULTANT ANY DEFICIENCY WHICH WILL DETRACT FROM A PERFECT INSTALLATION. COMMENCEMENT OF WORK SHALL IMPLY ACCEPTANCE OF CONDITIONS AND NO AFTER CLAIM FOR EXTRA WORK WILL BE CONSIDERED.
2. REMOVE ELECTRICAL PLATES, SURFACE HARDWARE, ETC. BEFORE PAINTING. STORE THESE ITEMS AND REPLACE WHEN WORK IN THE AREA IS COMPLETE.
3. UNLESS OTHERWISE SPECIFIED, MATERIALS SHALL BE MANUFACTURED AND SUPPLIED BY ONE OF THE FOLLOWING MANUFACTURERS TO MATCH THE COLOURS AS SPECIFIED ON THE DRAWINGS: BENJAMIN MOORE AND COMPANY LTD. PRATT AND LAMBERT INC. THE GLIDDEN COMPANY, OLYMPIA STAINS (STAIN ONLY), PARA PAINTS
4. MATERIALS SELECTED FOR EACH PAINT SYSTEM SHALL BE FACTORY MADE PRODUCTS OF THE SAME MANUFACTURER, AND SHALL BE COMPATIBLE WITH EACH OTHER. PAINT MATERIALS SHALL BE THE BEST OF THEIR RESPECTIVE KINDS AND CONFORM TO THE STANDARDS LISTED IN SCHEDULE. PRIMERS SHALL BE AS SPECIFIED BY THE MANUFACTURER AND FULLY COMPATIBLE WITH FINISH COATS.
5. STAINS SHALL BE OF THE RAPID DRY, ALKYD BASE TYPE OR PIGMENT OIL TYPE. THINNER AND CLEANERS SHALL BE AS RECOMMENDED BY EACH MANUFACTURER FOR HIS RESPECTIVE PRODUCT.
6. INTERIOR FINISHING - WHERE INDICATED
- CONCRETE AND FORMED CONCRETE WALLS: ONE COAT BLOCK FILLER; ONE COAT PRIMER-SEALER; TWO COATS SEMI-GLOSS ENAMEL
- PLASTER AND GYP SUM BOARD WALLS: ONE COAT PRIMER-SEALER; TWO COATS SEMI-GLOSS ENAMEL/ EGGSHELL
- PLASTER AND GYP SUM BOARD CEILINGS: ONE COAT PRIMER-SEALER; TWO COATS SEMI-GLOSS ENAMEL/ EGGSHELL
- WOOD DOORS AND TRIM: ONE COAT ENAMEL UNDERCOAT; TWO COATS SEMI-GLOSS ENAMEL
- CONCRETE FLOORS: ONE COAT ENAMEL REDUCED BY ADDITION OF ONE PART THINNER TO EIGHT PARTS OF ENAMEL; ONE COAT ENAMEL
- PRIMED FERROUS METALS: ONE COAT SPOT PRIMING; ONE COAT ENAMEL UNDERCOAT; TWO COATS GLOSS ENAMEL
- GALVANIZED AND ZINC COATED METAL: ONE COAT VINYL WASH PRIMER; ONE COAT ENAMEL UNDERCOAT; TWO COATS SEMI-GLOSS ENAMEL
- ZINC COATED METAL DECKING: ONE COAT ALKYD DRY FALL SATIN
- INSULATION COVERING: ONE COAT TINTED ENAMEL UNDERCOAT; ONE COAT S-O ENAMEL
- COPPER PIPING AND FITTINGS: ONE COAT VINYL WASH PRIMER; ONE COAT TINTED ENAMEL UNDERCOAT; ONE COAT SEMI-GLOSS ENAMEL
- FIRE RETARDANT FINISH ON COMBUSTIBLE MATE- RIALS: ONE COAT ENAMEL UNDERCOAT; ONE COAT FIRE RETARDANT PAINT; ONE COAT FIRE RETARDANT OVERCOAT
7. EXTERIOR FINISHING - WHERE INDICATED
- PRIMED FERROUS METAL: ONE COAT SPOT PRIMING; ONE COAT LEAD PRIMER; TWO COATS EXTERIOR ENAMEL
- MASONRY, CONCRETE AND CEMENT PLASTER: TWO COATS EXTERIOR MASONRY COATING AS FOLLOWS:

PROPERTIES

#1010 QUARTZGUARD IS A HIGHLY DURABLE INTERIOR & EXTERIOR SILICATE DISPERSION PAINT DUE TO ITS VAPOUR-PERMEABILITY AND CHEMICAL BONDING WITH THE SUBSTRATE. IT IS NON-COMBUSTIBLE, FIRE RETARDANT, WASHABLE AND BONDS & CURES AFTER PENETRATING THE SUBSTRATE AND PETRIIFICATION OF THE QUARTZ BINDER. QUARTZGUARD IS 96% MINERAL-SOURCED IN A WATER BASE, A PROPERTY WHICH MAKES IT ODORLESS WITHIN HOURS (ZERO VOCs) AND GIVES IT MICROCRYSTALLINE PROPERTIES OF NATURAL STONE. IT DOESN'T BULSTER OR PEEL, IS WATER-REPELLENT AND DRIES TO MATT FINNISH WITH A LIFE EXPECTANCY OF 20 YEARS.

WHERE TO USE

#1010 QUARTZGUARD SILICATE DISPERSION PAINT CAN BE USED ON MOST ROID AND ABSORBENT EXTERIOR AND INTERIOR WALL SURFACES. IDEAL ARE MINERAL-BASED SURFACES SUCH AS CONCRETE, LIME & CEMENT PLASTER (STUCCO), BROCK, STONE OR OLD POWDERY STUCCO, IF IT HAS BEEN SOLIDIFIED BY A MINERALIZING COAT OF #1050 PRIMA SIAL, NOT SUITABLE FOR WOOD (NOT STABLE), PLASTIC, METAL (NOT ABSORBENT) AND DOORS (TOO MUCH ABRASION).

IMPORTANT FOR PROPER PRODUCT PERFORMANCE IS A PROPER PREPARATION OF THE SUBSTRATES:

- THE SUBSTRATE MUST BE CHEMICALLY NEUTRAL OR ALKALINE, FREE OF DUST AND FATTY OR OTHER SEPARATING SUBSTANCES, IF NECESSARY OR AS A PRECAUTION, POWER-WASH WITH TSP SOLUTION
- LOOSE OR POWDERY PARTICLES FROM WEATHERED MINERAL SURFACES MUST BE REMOVED OR STABILIZED WITH 1 COAT OF PRIMA SIAL OR A 1ST COAT MADE OF #1010 QUARTZ-GUARD DILUTED WITH UP TO 10 % #1050 PRIMA SIAL.
- OLD PAINT COATS THAT RESTRICT THE SURFACE ABSORBENCY MUST BE REMOVED, I.E. OLD GLOSSY LATEX AND ALKYD PAINTS HAVE TO GO IDEALLY @ 80-100%. OLD LIME PAINTS CAN BE COMPATIBLE BUT SHOULD BE CHECKED FOR ADHERENCE. VERY ABSORBENT SURFACES MUST BE PRIMED & SATURATED WITH 1 COAT OF #1050 PRIMA SIAL.

COLOURS

WHITE AND 10 STANDARD FULL-TONE COLOURS. WHITE IS TINTABLE WITH #1010 FULL-TONE COLOURS, CUSTOM TINTING IS AVAILABLE WITH A MINIMUM VOLUME REQUIREMENT PER COLOUR.

COVERAGE

APPROX. 300 - 320 SQ FT. PER GALLON (VARIES WITH SURFACE MATERIAL, TEXTURE AND PRE-TREATMENT).

DRYING TIME

DEPENDING ON THE TEMPERATURE AND THE RELATIVE HUMIDITY, DRY TO TOUCH AFTER 2 HRS., BUT ALLOW MIN.12 HRS BEFORE APPLYING 2ND COAT.

APPLICATION

STIR WELL BEFORE USING. DO NOT APPLY @ WORKING TEMPERATURES (SURFACE + AIR) BELOW 5°C OR ABOVE 45°C. APPLY 2 COATS BY BRUSH, ROLLER OR AIRLESS SPRAYER. AFTER PROPER SURFACE PREPARATION, FINAL COAT TO BE APPLIED CONTINUOUSLY WET-IN-WET ESPECIALLY WHEN USING STRONGER TINTED COLOURS. IDEALLY TO BE SPRAYED.

CLEANING

WASH TOOLS WITH WARM WATER AND SOAP.

STORAGE

KEEP CONTAINERS TIGHTLY SEALED IN A COOL, DRY AND FROST-FREE PLACE. SHELF LIFE IS MIN. 24 MONTHS IN UNOPENED CONTAINERS.

SAFETY

KEEP OUT OF REACH OF CHILDREN. DO NOT EMPTY WET PAINT INTO DRAINS OR WATER COURSES, BUT LET DRY AND DISCARD SOILD LEFTOVER WITH REGULAR GARBAGE. USE GOGGLES & PROTECTIVE GEAR WHEN WORKING OVERHEAD.

INGREDIENTS

WATER, POTASSIUM SILICATE, MINERAL FILLERS & EXTENDERS, EARTHEN & MINERAL PIGMENTS, < 5% ACRYLIC STABILIZER, AMMONIA SOLUTION, POLYSACCHARIDE, CELLULOSE, SODIUM PHOS-PHONATE, FATTY ACID DEFOAMER, HYDROPHOBING AGENT.

GENERAL PREPARATION

SURFACES MUST BE ROID & ABSORBENT - DRY, CLEAN AND FREE OF DUST, OILY RESIDUES AND CHEMICALLY NEUTRAL OR ALKALINE. REMOVE ANY LOOSE PARTICLES AND MAKE GOOD WITH CEMENTITIOUS FILL. OLD COATS OF LATEX OR ALKYD PAINTS MUST BE REMOVED, SINCE THEY INHIBIT PENETRATION OF THE SILICATE BINDER INTO THE SUBSTRATE AND VAPOUR-PERMEABILITY. FLAKING OR PEELING PAINTS MUST BE REMOVED COMPLETELY. CAREFULLY PROTECT ALL ADJACENT GLASS, METAL, CERAMIC ETC AGAINST SPLATTERS. REMOVE UNAVOIDABLE SPLATTERS IMMEDIATELY WITH WATER. NOTE: SILICATE PAINT PRODUCTS ARE ALKALINE. (PH = 8.5 - 9.5) OLD EXTERIOR LIME & CEMENT STUCCO AND OTHER HIGHLY ABSORBENT MINERAL SURFACES REMOVE LOOSE PARTICLES, SOLIDIFY REMAINING SEMILOOSE MINERAL PARTICLES FROM MORTAR PLASTER, ADOBE, CONCRETE OR UNGLAZED BRICKS WITH 1-2 COATS (AS NEEDED) OF #1050 PRIMA SIAL STRAIGHT OR WITH A 1ST COAT PREPARED OUT OF #1010 QUARTZGUARD AND UP TO 20 % #1050 PRIMA SIAL NEW EXTERIOR CONCRETE, MORTAR STUCCO ETC. MAKE SURE SURFACES ARE FULLY CURED, I.E. MIN. 30 DAYS OLD AT TIME OF PAINTING. REMOVE OR NEUTRALIZE ANY OILY RESIDUES SUCH AS FORMS RELEASE AGENTS, ETC. APPLY 1 PRIMER COAT OF #1010 QUARTZGUARD DILUTED WITH 10% #1050 PRIMA SIAL, PLUS TWO COATS OF #1010 QUARTZGUARD EXTERIOR/INTERIOR SILICATE MINERAL PAINT.

BREATHABILITY

TECHNICALLY BREATHABILITY IS MEASURED AS WATER VAPOUR PERMEANCE AND IT CAN BE EXPRESSED IN US-PERMS OR IN METRIC PERMS.

COMPARATIVE DATA

1 COAT OF LATEX PAINT = 1.2 US-PERMS.
2 COATS OF LATEX PAINT = 0.7 US-PERMS.
2 COATS OF #1010 QUARTZGUARD = 77.5 US-PERMS.
THIS MEANS A STANDARD 2 COAT APPLICATION OF OUR INTERIOR & EXTERIOR SILICATE DISPERSION PAINT HAS APPROXIMATELY 100 X THE WATER VAPOUR TRANSMISSION RATE OF A 2 COAT LATEX PAINT AND IS IN THE SAME RANGE AS HOUSE WRAPS, WHICH ARE ESPECIALLY DESIGNED FOR OPTIMAL WATER VAPOUR PERMEANCE.

RESISTANCE AGAINST PENETRATING RAIN IS EQUALLY IMPORTANT, WHEN PAINTING EXTERIOR SURFACES. AN INDEPENDENT US - TEST LABORATORY FROM BROOKLYN, NY HAS TESTED THE RESISTANCE AGAINST WIND-DRIVEN RAIN IN ACCORDANCE WITH ASTM D 6940 ON #1010 QUARTZGUARD INTERIOR & EXTERIOR SILICATE DISPERSION PAINTS AND STAINS. #1010 QUARTZGUARD COMPLIES WITH THE QUALITATIVE REQUIREMENTS STATED IN US FEDERAL TT-C-555B "COATING, TEXTURED FOR INTERIOR AND EXTERIOR MASONRY SURFACES". -3.3.3 RESISTANCE AGAINST WIND-DRIVEN RAIN, FROM WHICH ASTM D 6940 HAS BEEN DERIVED.

GLAZED SPANDREL PANEL (06220)

PART 1 GENERAL

1.1 WORK INCLUDED

FURNISH LABOUR, MATERIALS AND SERVICES FOR THE COMPLETE FABRICATION, ASSEMBLY AND INSTALLATION OF SERIES 5000 FRAMING SYSTEM MANUFACTURED BY COMMODOR ALUMINUM OR APPROVED EQUAL. WORK TO INCLUDE ALL NECESSARY ACCESSORIES, ANCHORS AND SEALANTS AS REQUIRED BASED ON THE PURCHASE AGREEMENT.

1.2 WORK EXCLUDED

STRUCTURAL STEEL, WOOD BLOCKING OR FRAMING, INTERIOR TRIMS, CONCRETE MASONRY, PROTECTION, RELATED WORK SPECIFIED ELSEWHERE, CONVECTOR COVERS AND TRIMS AND CEILING TRIMS.

1.3 DESIGN

THE 5000 SERIES CURTAIN WALL SYSTEM TO BE DESIGNED BASED ON THE "OPEN RAIN SCREEN" AND "PRESSURE EQUALIZATION" PRINCIPLES.

1.4 PERFORMANCE

DEFLECTION OF THE VERTICAL MULLION TO BE < 1/175 OF THE SPAN AT THE SPECIFIED PRESSURE LEVEL. PERMANENT DEFORMATION OF VERTICAL MULLION TO BE < 0.2 % OF THE LENGTH OF THE MULLION. AIR LEAKAGE SHOULD NOT EXCEED 0.06 (FT3/MIN)/FT2.

1.5 QUALITY ASSURANCE

THE 5000 SERIES 2" CURTAIN WALL SYSTEM SUPPLIED UNDER THIS SPECIFICATION MUST COMPLY TO THE PERFORMANCE REQUIREMENTS OF THE CANADIAN STANDARDS ASSOCIATION CAN3-A440-M50, CLASSIFICATION FIXED, B7, C5, I=S2.1. A COPY OF THE TEST REPORT FROM AN INDEPENDENT TESTING LABORATORY CERTIFYING COMPLIANCE MUST BE FURNISHED UPON REQUEST BY THE OWNER/ARCHITECT.

1.6 SHOP DRAWINGS

ALL WORK OF THIS SECTION SHALL BE EXECUTED IN STRICT ACCORDANCE WITH APPROVED SHOP DRAWINGS.

1.7 WARRANTY

THE WORK OF THIS SECTION SHALL BE GUARANTEED AGAINST DEFECTS OF MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM DATE OF CERTIFICATE OF SUBSTANTIAL COMPLETION.

PART 2 PRODUCTS

2.1 MATERIALS

- 2.1.1 ALUMINUM EXTRUSION
- A) ALL EXTRUDED ALUMINUM SECTIONS TO BE 6063-T6 ALLOY OR EQUIVALENT.
- B) FRAME MEMBERS (BACK SECTION) SIZE WILL BE BASED ON PUBLISHED WIND LOAD CHARTS TO MEET SPECIFIED WIND LOAD. BACK SECTION TO BE 1" (25.4MM) PAD, FOR 1/4" SINGLE GLAZED USE SINGLE GLAZING ADAPTOR 5000-111.
- 2.1.2 THERMAL BREAK
- IF APPLICABLE, EXTRUDED VIRGIN POLYNYL CHLORIDE (P.V.C.).

2.1.3 GLAZING MATERIAL

EXTERIOR GLAZING:

1) MACRO-POLYISOBUTYLENE TAPE WITH A CONTINUOUS BUILT IN SHIM; HIGHLY ADHESIVE AND ELASTIC, OR

2) EXTRUDED THERMOPLASTIC ELASTOMERS GASKET.

INTERIOR GLAZING:

EXTRUDED THERMOPLASTIC ELASTOMERS GASKET.

2.1.4 FASTENERS

FASTENERS SHALL BE ZINC PLATED.

2.2 FABRICATION

FABRICATION WILL BE CARRIED OUT ACCORDING TO THE APPROVED SHOP DRAWINGS. ALL JOINTS WILL BE ASSEMBLED TIGHT USING MANUFACTURES PROVIDED ASSEMBLY BRACKETS TO MAINTAIN THE PRODUCT DESIGN PERFORMANCE.

2.3 FINISH

2.3.1 ANODIZE

ANODIC OXIDE TREATMENTS ARE TO BE PROCESSED IN ACCORDANCE WITH AAMA DESIGNATIONS. M12222A51 CLASS II DESIGNATION IS FOR #17 CLEAR ANODIZED FINISH (0.0004). M12C22A41 CLASS I DESIGNATION IS FOR #14 CLEAR ANODIZED FINISH (0.0007) AND COLOUR FINISHES SUCH AS #26 LIGHT BRONZE, #40 BRONZE AND #28 BLACK.

2.3.2 PAINT

THERMOSETTING ACRYLIC ENAMEL COATING IS TO BE APPLIED IN ACCORDANCE WITH AAMA 603.8. SPECIFY COLOUR AND TYPE FROM PPG STANDARD CHARTS.

2.3.3 FLUOROPOLYMER PAINT COATING

BASED ON KYNAR 500 RESINS ARE TO BE APPLIED IN ACCORDANCE WITH AAMA 605.2. SPECIFY COLOUR FROM VALSPAR CURRENT CHART.

PART 3 EXECUTION

3.1 PROTECTION

ALUMINUM SHALL BE ISOLATED FROM CONCRETE, MORTAR, PLASTER AND DISSIMILAR MATERIALS WITH A COATING OF BITUMINOUS PAINT. EXPOSED ALUMINUM SURFACE SHALL BE PROTECTED FROM LONG TERM CONTAMINATION OF MORTAR, CONCRETE OR PLASTER. EXPOSED ALUMINUM SURFACES SHALL BE PROTECTED FROM IMPACT DAMAGE BY WOOD SHEATHING AND PLASTIC WRAPS.

3.2 INSTALLATION

COMMODOR PRODUCTS TO BE INSTALLED ACCORDING TO MANUFACTURERS INSTRUCTIONS AND IN CONJUNCTION WITH APPROVED SHOP DRAWINGS. THE WORK SHALL BE PERFORMED BY QUALIFIED SKILLED PERSONNEL USING PROPER EQUIPMENT IN ORDER TO EXPEDITE THE PROJECT IN AN EFFICIENT PROFESSIONAL MANNER.

3.3 CLEANING

INTERIM AND FINAL CLEANING SHALL BE PERFORMED IN ACCORDANCE WITH THE GENERAL CONDITIONS LISTING METHODS OUTLINED IN AAMA 609 & 610-02 (2002).

LOADING DOCK EQUIPMENT (11160) (UNLESS OTHERWISE NOTED)

- DOCK LEVELLER TO BE "BLUE GIANT" MODEL "HA6008-40" WITH REMOTE POWER PACK OR APPROVED EQUAL.
- DOCK SEALER TO BE FIXED HEAD AND VERTICAL. SIDE PADS TO SUIT DOOR OPENING. B60201 BY "BLUE GIANT".
- DOCK BUMPER TO BE "SERCOC" VB620-11 OR APPROVED EQUAL BOLTED TO FOUNDATION WALL.
- PROVIDE WHEEL CHOCKS & CHAIN KITS.

ARCHITECTURAL ALUMINUM COMPOSITE PANEL (07423)

PART 1 - GENERAL

1.1 DESCRIPTION

1 DIVISION 1, GENERAL REQUIREMENTS, IS PART OF THIS SPECIFICATION AND SHALL APPLY AS IF REQUIRED HERE.

2 WORK FURNISHED AND INCLUDED:

- 1 UNDERLAYMENT (IF REQUIRED)
 - 2 SUBORTS (IF REQUIRED)
 - 3 COMPOSITE ALUMINUM PANELS
 - 4 RELATED TRIMS AND EXTRUSIONS
- 3 RELATED WORK NOT INCLUDED:
- 1 STUDS
 - 2 SHEATHING
 - 3 INSULATION

1.2 STANDARDS

- A. 1 GENERAL: STANDARDS LISTED BY REFERENCE, INCLUDING REVISIONS BY ISSUING AUTHORITY, FORM A PART OF THIS SPECIFICATION SECTION TO THE EXTENT INDICATED. STANDARDS LISTED ARE IDENTIFIED BY ISSUING AUTHORITY, AUTHORITY ABBREVIATION, DESIGNATION NUMBER, TITLE OR OTHER DESIGNATION ESTABLISHED BY ISSUING AUTHORITY. STANDARDS SUBSEQUENTLY REFERENCED HEREIN ARE REFERRED TO BY ISSUING AUTHORITY ABBREVIATION AND STANDARD DESIGNATION.
- B. ASTM INTERNATIONAL (ASTM):
- ASTM D1781 STANDARD TEST METHOD FOR CLIMBING DRUM PEEL FOR ADHESIVES.
- ASTM E84 STANDARD TEST METHOD FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS.
- ASTM E108 (MODIFIED) STANDARD TEST METHODS FOR FIRE TESTS OF ROOF COVERINGS.
- ASTM E283 STANDARD TEST METHOD FOR DETERMINING THE RATE OF AIR LEAKAGE THROUGH EXTERIOR WINDOWS, CURTAIN WALLS AND DOORS UNDER SPECIFIED PRESSURE DIFFERENCES ACROSS THE SPECIMEN.
- ASTM E330 STANDARD TEST METHOD FOR STRUCTURAL PERFORMANCE OF EXTERIOR WINDOWS, CURTAIN WALLS AND DOORS BY UNIFORM STATIC AIR PRESSURE DIFFERENCE.
- ASTM E351 STANDARD TEST METHOD FOR WATER PENETRATION OF EXTERIOR WINDOWS, CURTAIN WALLS AND DOORS BY UNIFORM STATIC AIR PRESSURE DIFFERENCE.
- C. AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION (AAMA):
- AAMA 2605 VOLUNTARY SPECIFICATION, PERFORMANCE REQUIREMENTS AND TEST PROCEDURES FOR SUPERIOR PERFORMING ORGANIC COATINGS ON ALUMINUM EXTRUSIONS AND PANELS.
- AAMA 508 VOLUNTARY TEST METHOD AND SPECIFICATION FOR PRESSURE EQUALIZED RAIN SCREEN WALL CLADDING SYSTEMS
- D. UNDERWRITERS LABORATORIES INC. (UL):
- UL 94 STANDARD FOR FLAMMABILITY OF PLASTIC MATERIALS FOR PARTS IN DEVICES AND APPLIANCES.
- E. INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (ISO):
- ISO 9001-2000 QUALITY MANAGEMENT SYSTEMS - REQUIREMENTS.

1.3 QUALITY ASSURANCE

- SUPPLIER SHALL DESIGN, SUPPLY, FABRICATE AND INSTALL WORK OF THIS SECTION.
- SUPPLIER/INSTALLER SHALL HAVE A MINIMUM OF 5 YEARS PROVEN EXPERIENCE AND MUST HAVE COMPLETED AT LEAST

- 5 MAJOR ALUMINUM WALL PANEL PROJECTS.
- ALL WALLS AND OPENINGS ARE TO BE WITHIN + OR > 3mm (0.12") OF THE LOCATION SHOWN ON ARCHITECTURAL DRAWINGS. ALSO THE FACADE IS TO BE PLUMB WITHIN 1:1000 OF OVERALL HEIGHT WITH A MAXIMUM OF 25 MM.

1.4 SUBMITTALS (SHOP DRAWINGS)

- DESIGN, FABRICATE AND ERECT WALL PANEL SYSTEM TO MEET THE FOLLOWING REQUIREMENTS:
- RAIN PENETRATION: PREVENT RAIN PENETRATION THROUGH WALL SYSTEM.
- DESIGN SYSTEM AS A "RAINSCREEN SYSTEM"BASED ON GUIDELINES PUBLISHED BY THE NATIONAL RESEARCH COUNCIL. INCORPORATE MEANS OF DRAINING MOISTURE TO THE EXTERIOR. TESTING ON REASONABLY COMPARABLE SYSTEMS WILL BE CONSIDERED ACCEPTABLE.
- DESIGN SYSTEM BASED ON "RAIN SCREEN PRINCIPLE"BY THE NATIONAL RESEARCH COUNCIL. INCORPORATE MEANS OF DRAINING MOISTURE TO THE EXTERIOR.
- WIND LOAD: DESIGN WALL SYSTEM TO RESIST WIND LOADS, POSITIVE AND NEGATIVE, EXPECTED IN THIS GEOGRAPHICAL REGION (NBC CLIMACTIC DATA, 10 YEAR PROBABILITY) WITHOUT CAUSING RATTLING, VIBRATION OR EXCESSIVE DEFLECTION OF PANELS, OVERSTRESSING OF FASTENERS, CLIPS OR OTHER DETRIMENTAL EFFECTS ON WALL SYSTEM.
- STRUCTURAL AND THERMAL MOVEMENT: ACCOMMODATE MOVEMENT OF SUPPORTING STRUCTURAL FRAMING AND MOVEMENT CAUSED BY THERMAL EXPANSION AND CONTRACTION OF SYSTEM COMPONENT PARTS WITHOUT CAUSING BOWING, BUCKLING, DELAMINATION, OIL LEAKING, FAILURE OF JOINT SEALS, EXCESSIVE STRESS ON FASTENERS, OR ANY OTHER DETRIMENTAL EFFECTS.

2 PANEL FLATNESS TOLERANCE APPLIES TO EVEN RISES AND FALLS ACROSS PANEL. LOCAL BUMPS AND DEPRESSIONS WILL NOT BE ACCEPTED. FABRICATE PANELS NOT EXCEEDING THE FOLLOWING TOLERANCES:

- 1.5 MM (0.06") IN A CONVEX DIRECTION, MEASURED PERPENDICULARLY TO NORMAL PLANE.
 - 1.5 MM (0.06") IN A CONCAVE DIRECTION, MEASURED PERPENDICULARLY TO NORMAL PLANE.
- 3 PANEL REMOVAL: SYSTEM SHALL BE NON-PROGRESSIVE, ALLOWING REMOVAL OF ANY INDIVIDUAL PANEL WITHOUT NECESSITATING REMOVAL OF ADJACENT WORK.
- 4 MAXIMUM DEVIATION FROM VERTICAL AND HORIZONTAL ALIGNMENT OF ERECTED PANELS: 6 MM (0.24") IN 6 M (20'0").
- 5 MAXIMUM DEVIATION FROM PANEL FLATNESS SHALL BE 3 MM (0.12") IN 1.5 M (59") PANEL IN ANY DIRECTION FOR ASSEMBLED UNITS (NON-ACCUMULATIVE).

1.5 SAMPLES

- SUBMIT SAMPLES FOR CONSULTANT'S REVIEW.
- SUBMIT DUPLICATES, MINIMUM 203 MM X 203 MM (8" X 8") SAMPLES OF EACH COLOUR SELECTED.

1.6 SHOP DRAWINGS

- SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH GENERAL NOTES.
- INDICATE ELEVATIONS, PROFILES, DIMENSIONS AND THICKNESS OF PANELS.
- INDICATE LOCATION AND DETAIL OF JOINTS INCLUDING JOINTS NECESSARY TO ACCOMMODATE THERMAL MOVEMENT.
- INDICATE ATTACHMENT CLIPS, JOINT EXTRUSION SYSTEM AND INSTALLATION DETAILS.
- SHOW FASTENING AND ANCHORING DETAILS.
- DRAWINGS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER, ATTESTING TO THE ABILITY OF THE METAL PANELS ASSEMBLY TO WITHSTAND THE SPECIFIED LOADS.
- PANELS SHALL BE IDENTIFIED ON THE SHOP DRAWINGS AS TO BUILDING LOCATION TO FACILITATE PANEL REMOVAL AND REPLACEMENT.

1.7 MAINTENANCE DATE

- PROVIDE MAINTENANCE DATA FOR CLEANING AND MAINTENANCE OF PANEL FINISHES FOR INCORPORATION INTO MANUAL SPECIFIED IN SECTION 01001.
- SUBMIT INSTRUCTIONS FOR TOUCHUP, REPAIR AND REMOVAL OF PANELS.

1.8 MAINTENANCE MANUALS

- PROVIDE ANY APPLICABLE MAINTENANCE OR CLEANING MANUALS.

1.9 MOCK-UP

- SUBMIT MOCK-UP.
- ERECT MOCK-UP PANEL APPROXIMATELY 12' LONG X 12' HIGH IN LOCATION DIRECTED BY ARCHITECT.
- MOCK-UP PANEL SHALL INCLUDE ALL COMPONENTS OF THE WALL SYSTEM AND IF APPROVED BY ARCHITECT MAY BE INCORPORATED IN TO FINISHED WORK.
- ERECT 72 HOURS BEFORE THE TIME OF MOCK-UP FOR INSPECTION BY ARCHITECT. DO NOT PROCEED WITH PANEL SYSTEM WORK UNTIL MOCK-UP HAS BEEN APPROVED.

1.10 PRODUCT DELIVERY, HANDLING AND STORAGE

- PROTECT FINISH AND EDGES USING A PLASTIC FILM ADHERED TO PANEL IN ACCORDANCE WITH PANEL MANUFACTURER'S RECOMMENDATIONS.
- STORE COMPONENTS AND MATERIALS IN ACCORDANCE WITH PANEL MANUFACTURER'S RECOMMENDATIONS.

1.11 GUARANTEE

- FOR WORK IN THIS SECTION, WARRANTY AGAINST DEFECTS OR DEFICIENCIES IN MATERIALS OR WORKMANSHIP SHALL BE FOR A PERIOD OF ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION.

1.12 WARRANTY

- PROVIDE A MANUFACTURER'S WRITTEN WARRANTY: FURNISH PANEL MANUFACTURER'S WRITTEN WARRANTY COVERING FAILURE OF FACTORY-APPLIED EXTERIOR FINISHES ON COMPOSITE METAL PANELS WITHIN THE WARRANTY PERIOD; WARRANT FINISH PER ASA-TN D 4214 FOR CHALK NOT IN EXCESS OF 8 NBS UNITS. WARRANTY PERIOD FOR FINISH: 10 YEARS AFTER THE DATE OF SUBSTANTIAL COMPLETION.

PART 2 - PRODUCTS

2.1 MATERIALS

- COMPOSITION: TWO SHEETS OF ALUMINUM BONDED TO EITHER SIDE OF AN EXTRUDED THERMOPLASTIC CORE, FORMED IN A CONTINUOUS PROCESS WITHOUT THE USE OF GLUE OR ADHESIVE BETWEEN DISSIMILAR MATERIALS. BOND INTEGRITY TESTING TO ADHERE TO ASTM D 1781>76.
- ALUMINUM FACE SHEETS: ALUMINUM ALLOY 3105SH14, THICKNESS 0.51 MM (0.02").
- PANEL THICKNESS: 4MM (0.16")
- TOTAL WEIGHT: 4MM FR (0.16) MATERIAL 1.56 PSF 4MM PE (0.16) MATERIAL 1.12 PSF
- TOLERANCES:

- PANEL BOW: MAXIMUM 0.80% PER LINEAL FOOT PANEL DIMENSION (WDTH OR LENGTH).
- PANEL DIMENSIONS: MAKE ALLOWANCE FOR FIELD ADJUSTMENTS, IN MANNEE RECOMMENDED BY MANUFACTURER, WHERE FINAL DIMENSIONS CANNOT BE ESTABLISHED BY FIELD MEASUREMENT PRIOR TO PANEL

MANUFACTURING.

3 ALL PANELS, BREAKS AND ANGLES TO BE SHARP AND TRUE. PANEL SURFACES TO BE FREE FROM WARP OR BUCKLE.

6 PANEL SYSTEM: AM2000 ACM PANEL SYSTEM BY ARCHITECTURAL METALS NORTH AMERICA OR C2000 ACM PANEL SYSTEM BY GLASCO DRY JOINT SYSTEM USING PROPRIETARY ALUMINUM EXTRUSIONS WITHOUT THE USE OF CAULKING AT JOINTS OR SL-400 PANEL SYSTEM BY SOBOTEK (ALUCOBOND) OR 4R2/4.2 SL PANEL SYSTEM BY ALCOATEX OR 4MM FR REYNOBOND BY ALCOA. ARCHITECTURAL PRODUCTS OR 4MM PE/FE ALPOLIC BY ALPOLIC.

7 PANEL FINISH: FLUOROPOLYMER RESIN COATING WITH 100% LUMIFLO FIVE RESIN TESTED TO MEET OR EXCEED THE CRITERIA EXPRESSED IN AAMA 2605>02.

8 COLOUR:

- COMPLETE INSTALLATION: PROVIDE PROPRIETARY ALUMINUM EXTRUSIONS COMPATIBLE WITH PANEL EDGES, MANUFACTURER'S STANDARD PROFILES INCLUDING VERTICAL AND HORIZONTAL JOINT CLOSURES AND PERIMETER TRIM AS REQUIRED FOR A COMPLETE INSTALLATION.
- FASTENERS: AS RECOMMENDED BY THE PANEL MANUFACTURER, CONCEALED AND NON-CORROSIVE.
- EXTRUSIONS AND EXTRUSION CLIPS FOR ATTACHING PANELS TO THE SUB-STRUCTURE: PURPOSE MADE ALUMINUM CLIPS OR DUCT TAPE SHALL BE USED AS A THERMAL SEPARATOR BETWEEN EXTRUSIONS AND SUBORTS.
- JOINT FILLER STRIP: SAME MATERIAL AS PANELS.
- SUBORTS: MANUFACTURED FROM 2-275 GALVANIZED STEEL IF REQUIRED AND SHALL BE DESIGNED TO ACCOMMODATE EXPANSION AND CONTRACTION, DYNAMIC MOVEMENTS AND DESIGN LOAD REQUIREMENTS.

PART 3 - EXECUTION

3.1 EXAMINATION



FABCON
fabcon.com

Manufactured by Fabcon, Inc.
Santa Ana, California U.S.A.
Made in U.S.A.

 This equipment tested to comply with
 FCC part 15B rules for a commercial
 environment

 **1006 OSI** 

For Outdoor Use

Serial # **Date Code:**

ITEM NO.	PART NUMBER	REV	DESCRIPTION	QTY
1	FC-4730-55-002	03	S5 PEDestal	1
2	FC-4730-55-003	03	BASE DOP TOP VERTICAL	1
3	FC-4730-55-009	03	Vertical Support Post	1
4	FC-4730-55-010	03	S5 PORT NUT INCLINER FRAME WELDMENT LIFT CONNECTION	1
5	FC-4730-55-018	03	S5 PORT NUT INCLINER FRAME WELDMENT LIFT CONNECTION (CONFIGURATION)	1
6	FC-4730-55-015	03	BASE PEDestal WELDMENT	1
7	FC-4730-55-201	03	BASE PEDestal WELDMENT	1
8	FC-4730-55-204X5	03	HORIZONTAL SUPPORT TOP ASSEMBLY	1
9	FC-4730-55-230	03	BASE PEDestal LESS DOP ASSEMBLY	1
10	NUT-50-616531.6		5/16" DIA X 5 1/2" LONG 316 SS NUT	48
11	92364A-388		1/2" DIA X 1 1/2" LONG 316 SS LOCKWASH	48
12	118567A		TYPE 1/8-55 SQUARE NECK 1/2" DIA X 1 1/2" LONG 316 SS INCLINER INCLINER SIDE RAMPWASH W/SAFE SURFACE MOUNT HINGE RIGHT SIDE DOP ASSEMBLY	1
13	CH65F		Display 65"	5
14	NUTS-516	5/16-18	5/16-18 INCH LOCK NUT S.S.	2
15	4115M8H8		SCREW LOCK HD BUTTON 8"	2
16	WASH-516-516		31 FT WASHER 6" THK. BLACK	10
17	WASH-516		31 FT WASHER 6" THK. BLACK	10
18	WASH-516		31 FT WASHER 6" THK. BLACK	10
19	W2825		(TOPAZ) WATERPROOF DOUBLE ROLL TOPAZ 55" X 100' 55 DEG	1
20	WB28		(TOPAZ) COVER & GASKET DOUBLE ROLL 55" X 100' 55 DEG	1
21	9294F-10225316		LOCKNUT LOCK 50 SERATED PLAIN 316 INCLINER STEEL	8
22	NUT-4730-55-003		HS 10-52 X 3/5" STEEL	8
23	FC-4730-55-204	03	HORIZONTAL SUPPORT TOP ASSEMBLY	1
24	FC-4730-55-205	03	HORIZONTAL SUPPORT TOP ASSEMBLY	1
25	91500A-537		SCREW FLAT HEAD PH/1/4-20 X 1/2" 316 INCLINER STEEL	10
26	FC-4730-55-009	03	SCREW SHIM 2"	1
27	81ATAP0		CONCRETE PROTECTION MAT	11

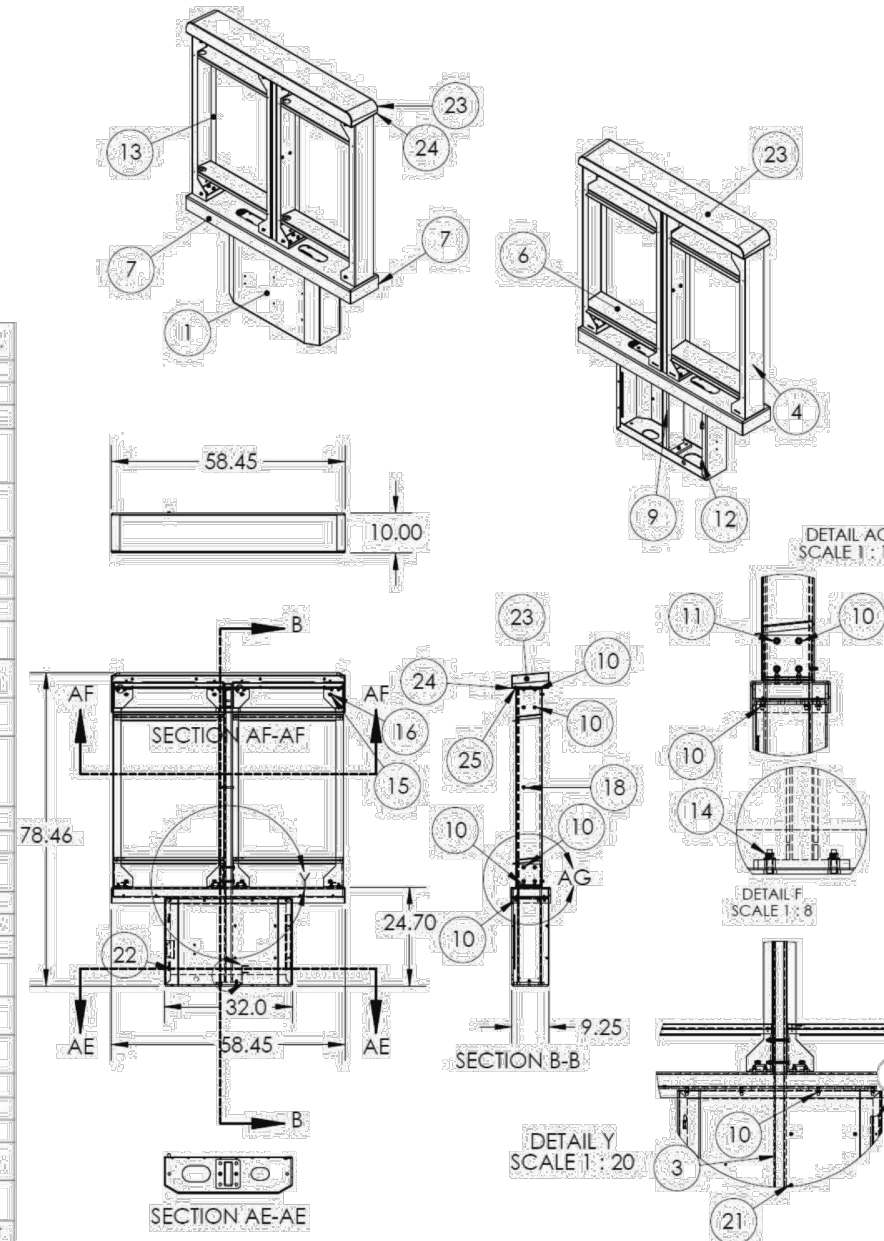
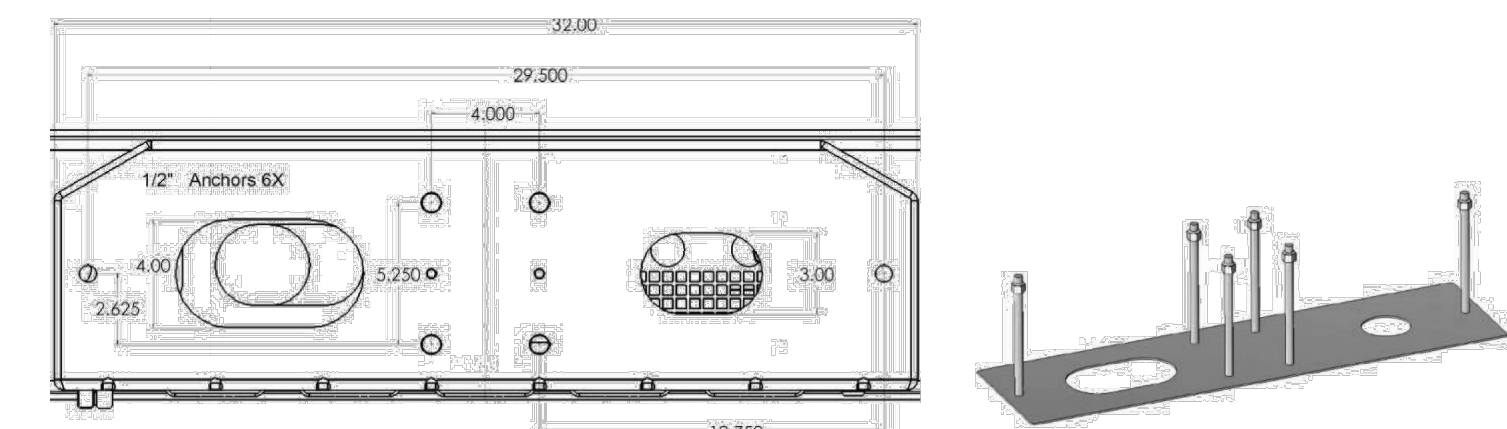


Diagram illustrating the rear view of the 2U rack, showing the internal components and the airflow direction indicated by arrows. The diagram is labeled "Mounting Points" and "Mounting Points" on the left and right sides respectively.



Note: Optional Mounting Plates and Templates

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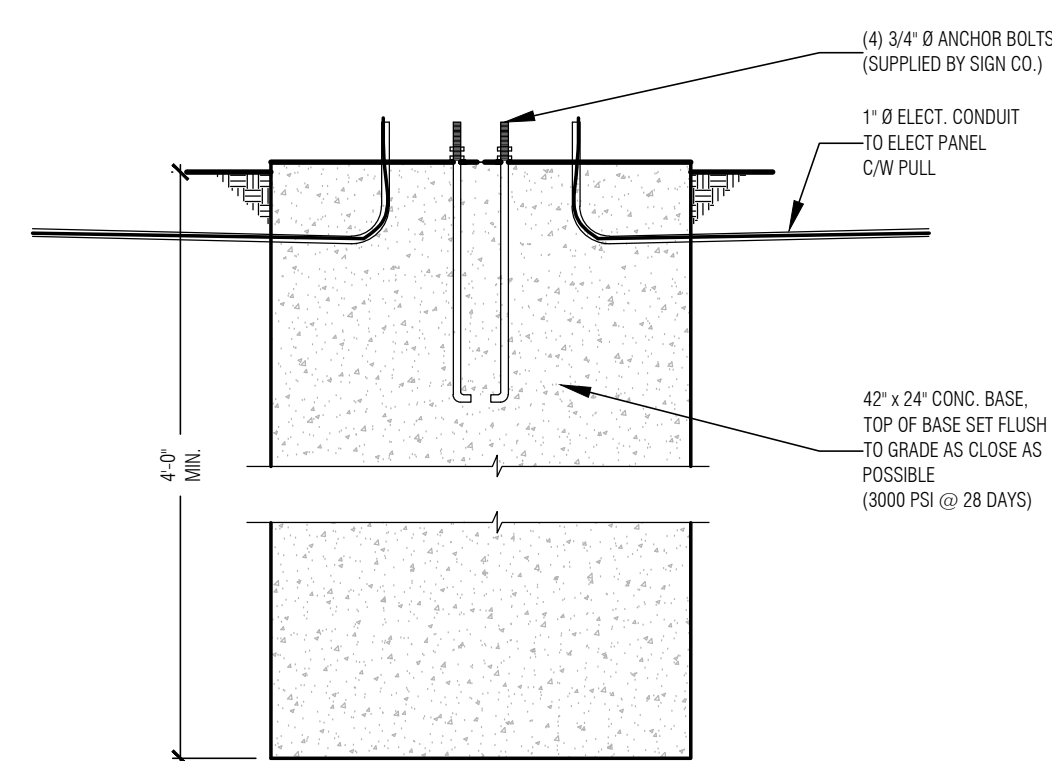
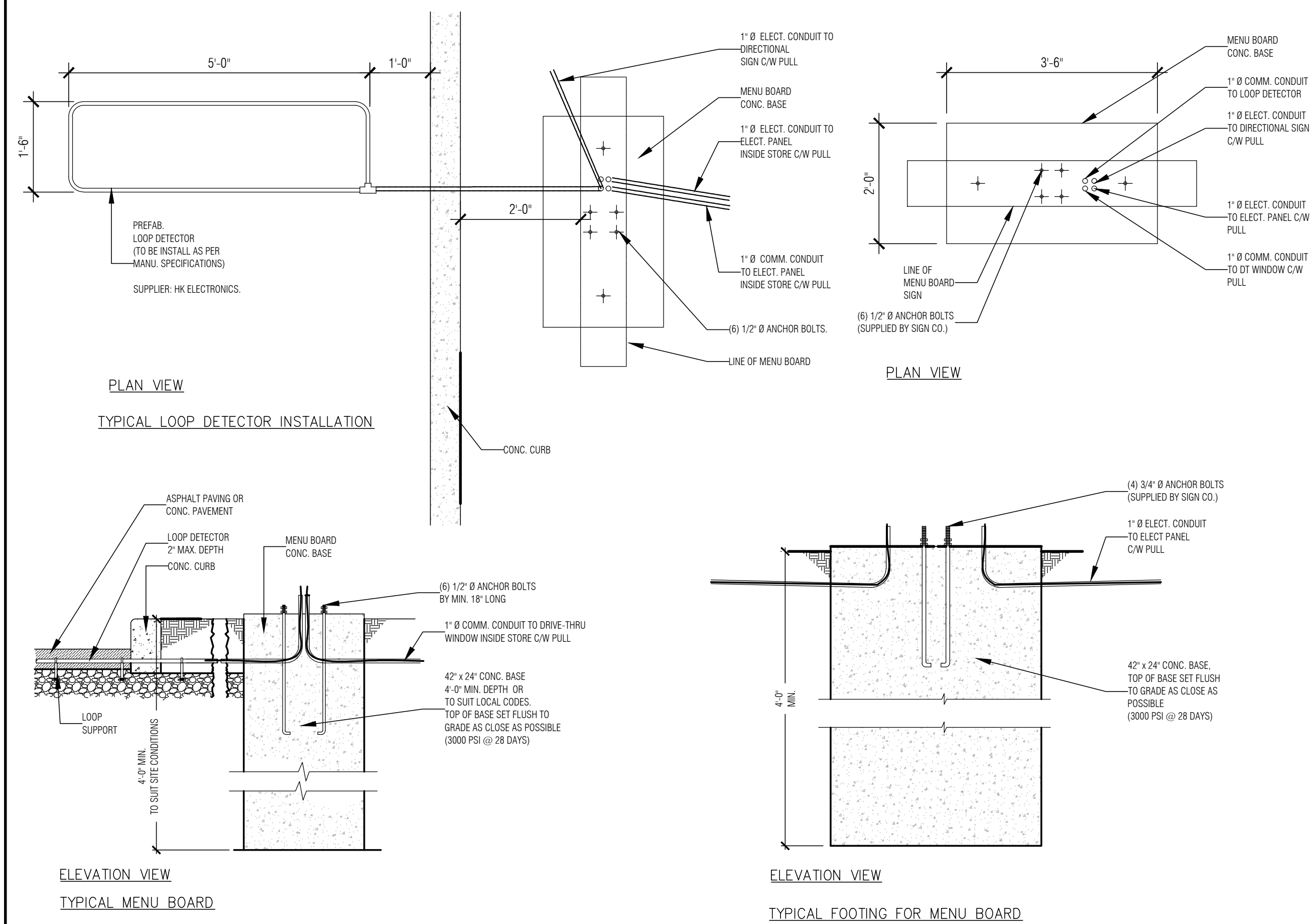
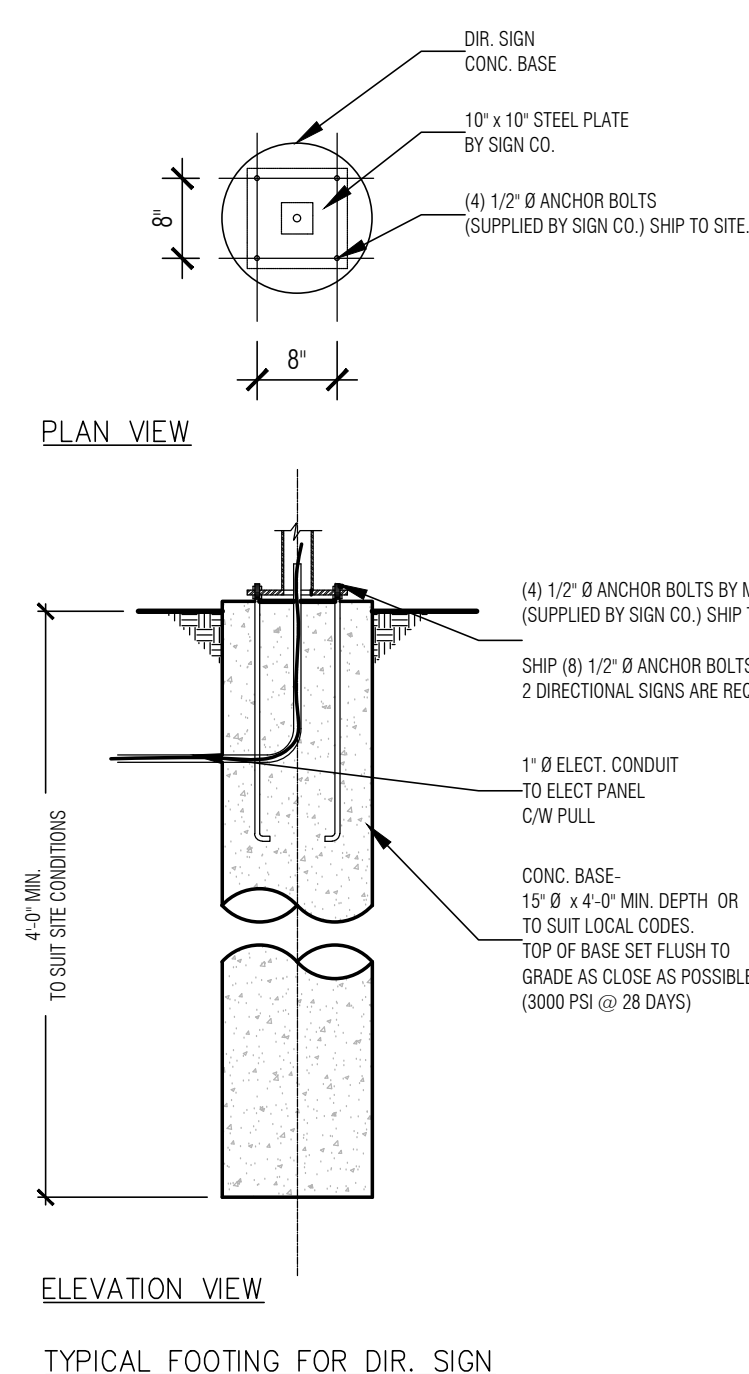
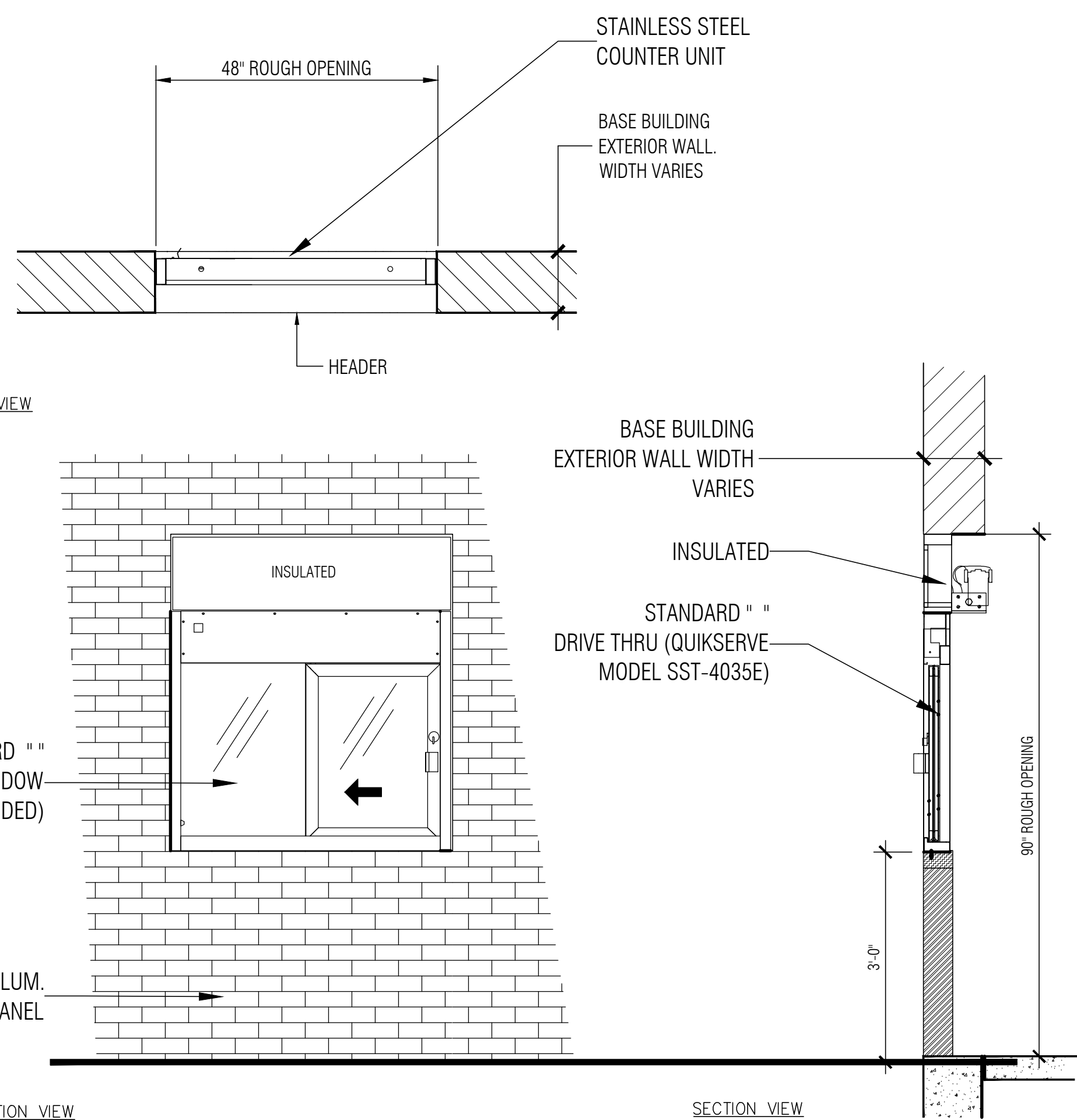
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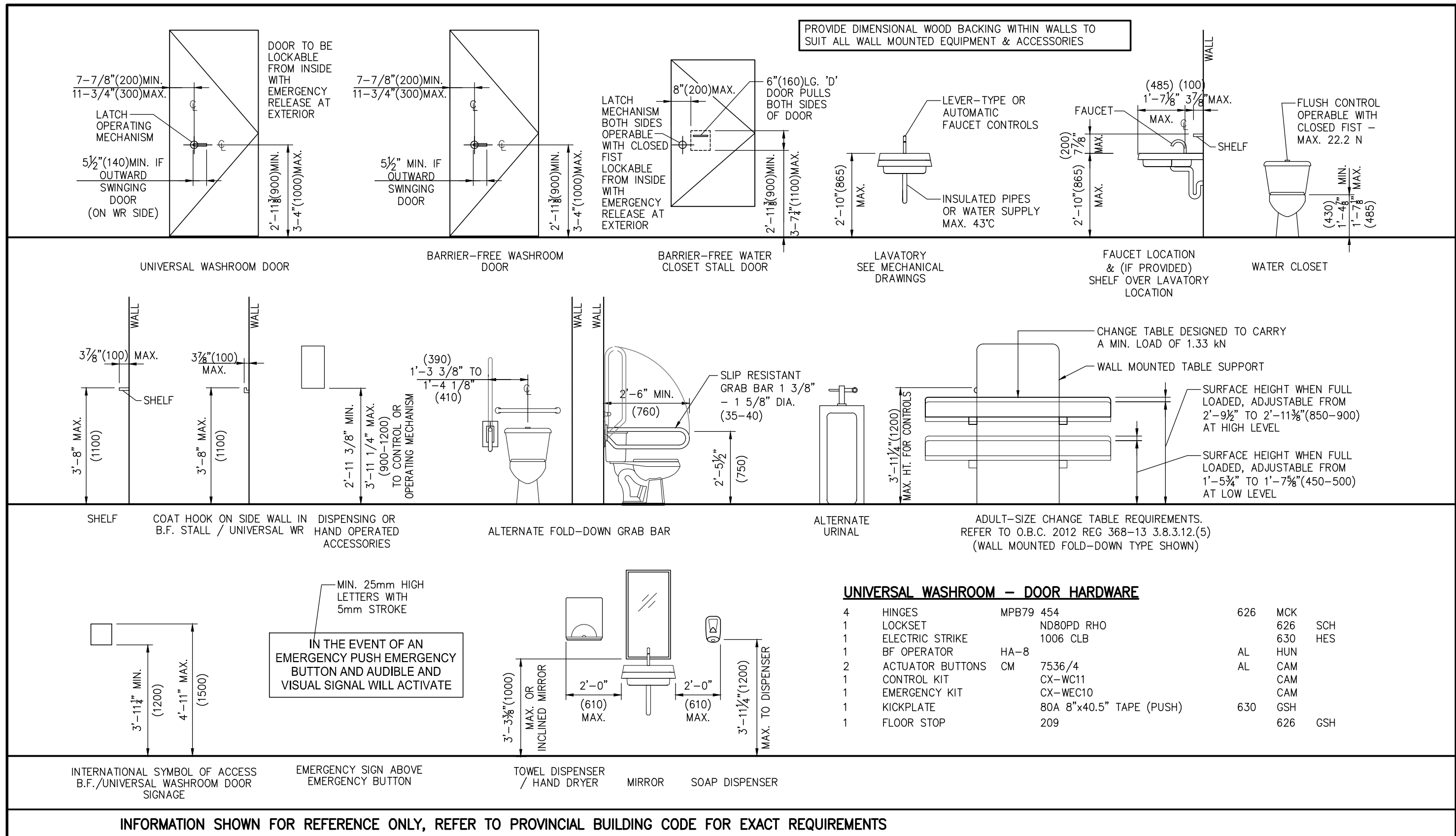
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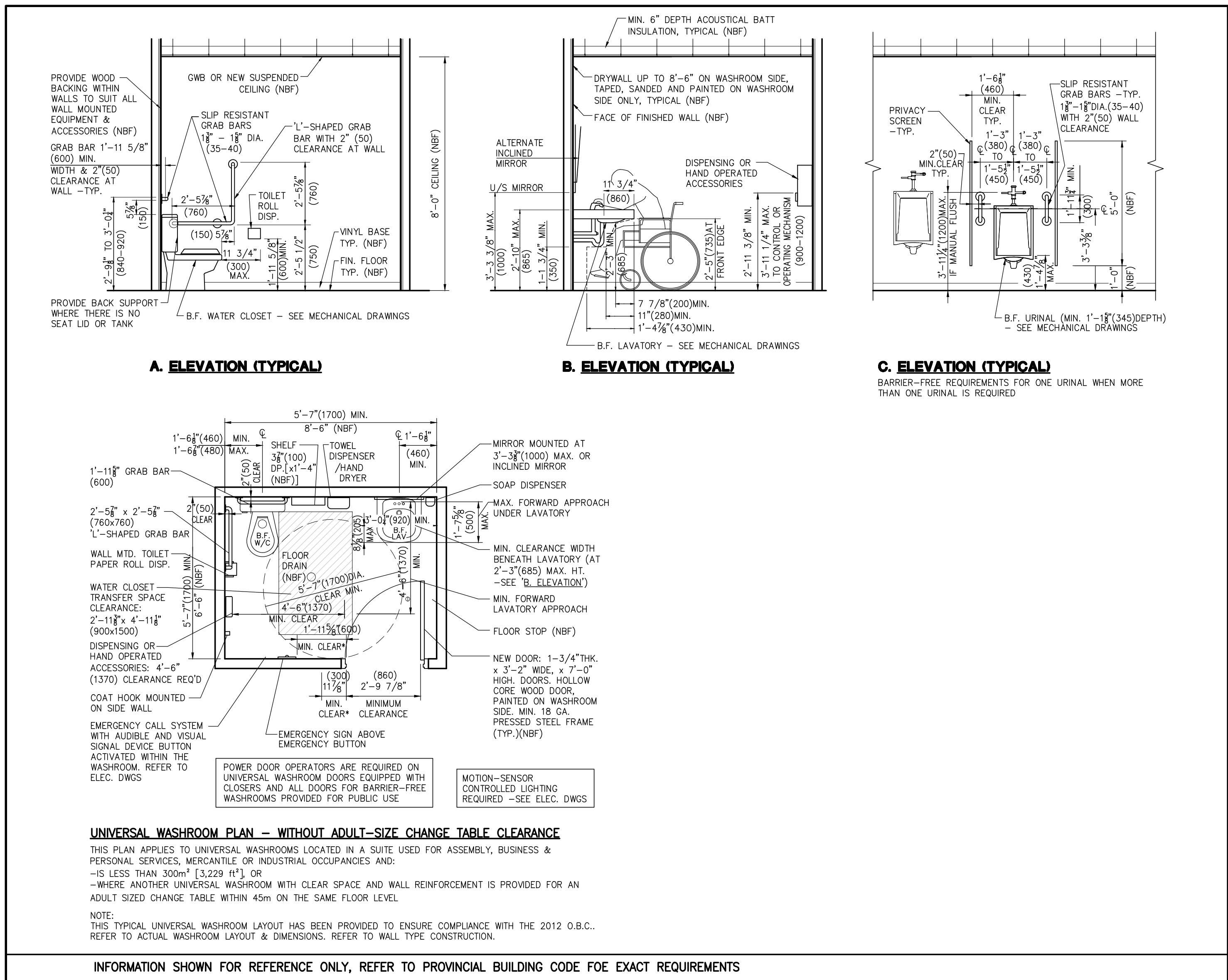


#	BY	DATE	ISSUES & REVISIONS
AZ	MAY 18 2022	REVIEW 1.0-2022	
AZ	MAY 12 2022	REVIEW 1.0-2022	
AZ	MAY 6 2022	REVIEW 1.4-2022	
AZ	APR 26 2022	REVIEW 1.3-2022	
AZ	MAR 30 2022	REVIEW 1.2-2022	



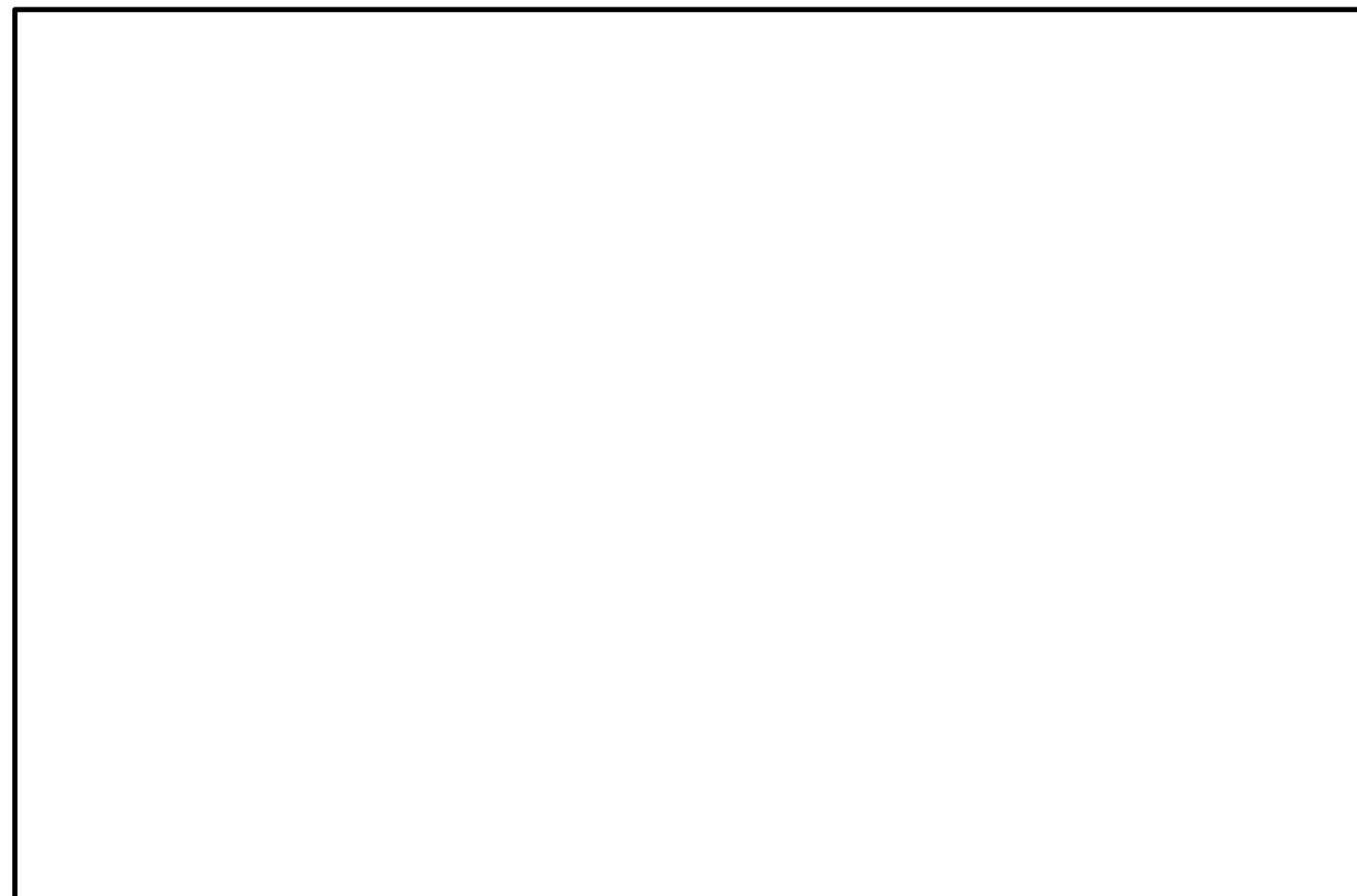
10 TYPICAL TOILET ACCESSORIES & EQUIPMENT MOUNTING HEIGHTS

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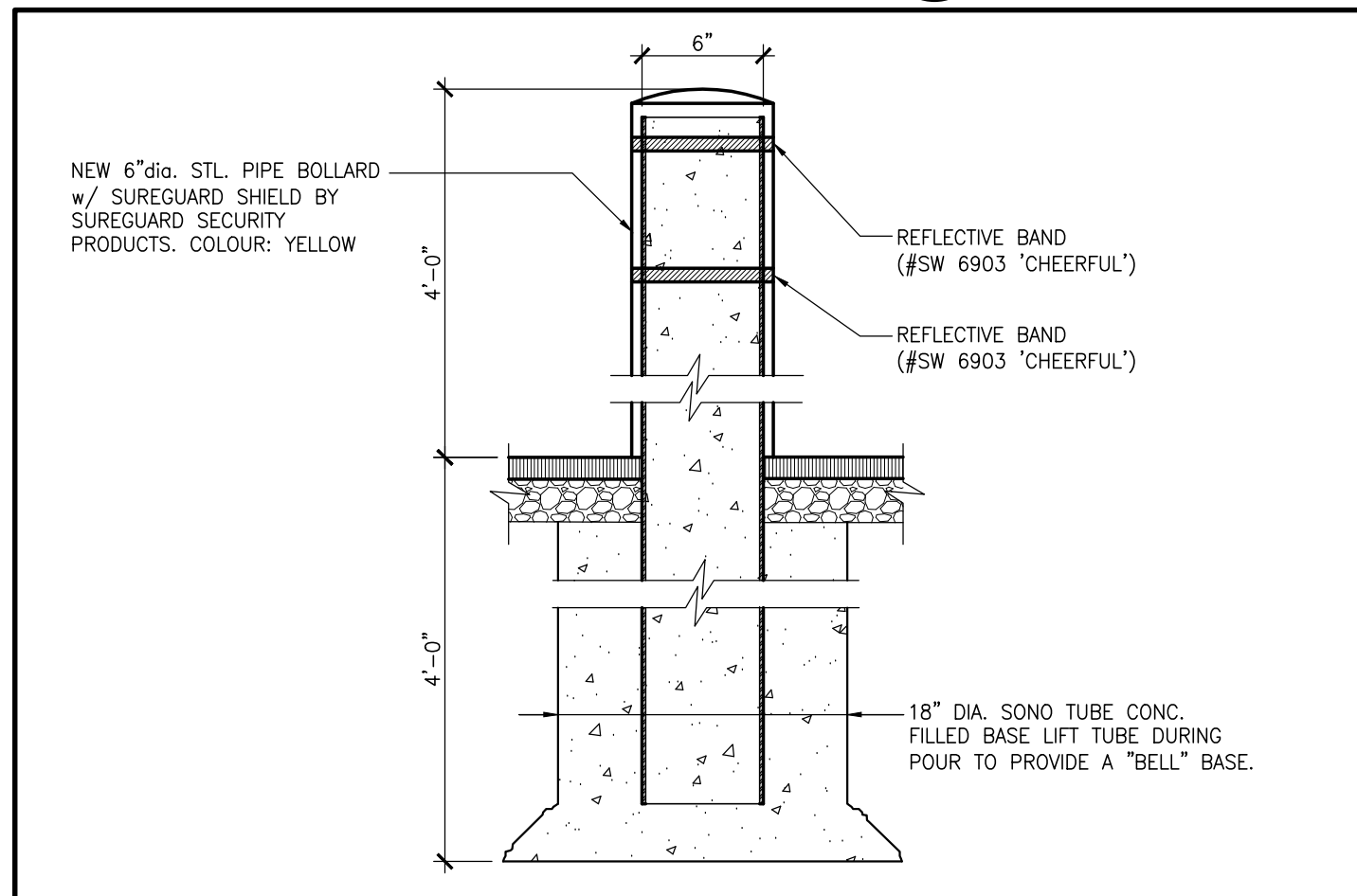
9 BARRIER-FREE & UNIVERSAL WASHROOM REQUIREMENTS

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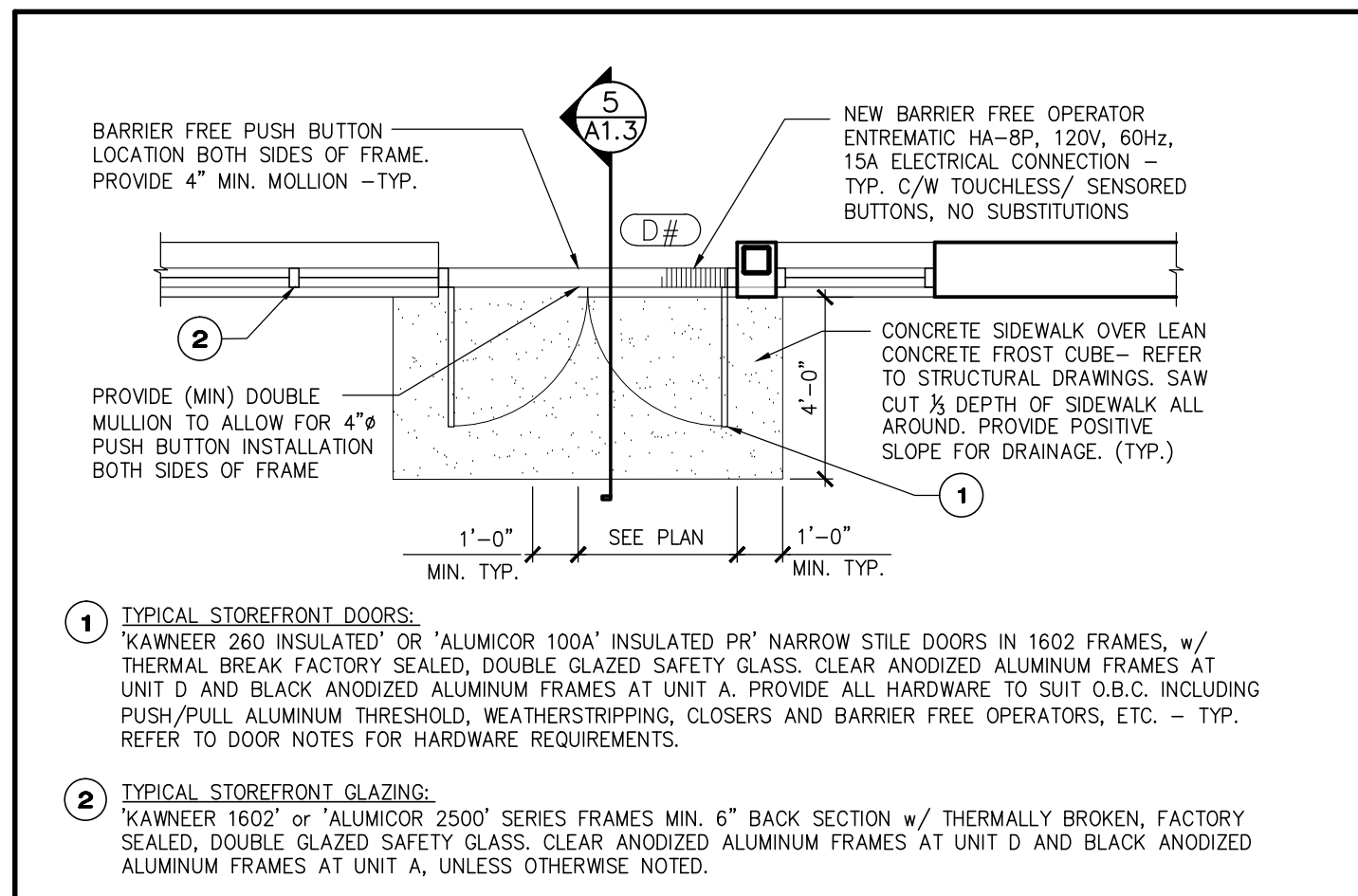
8 NOT USED

SCALE: NTS



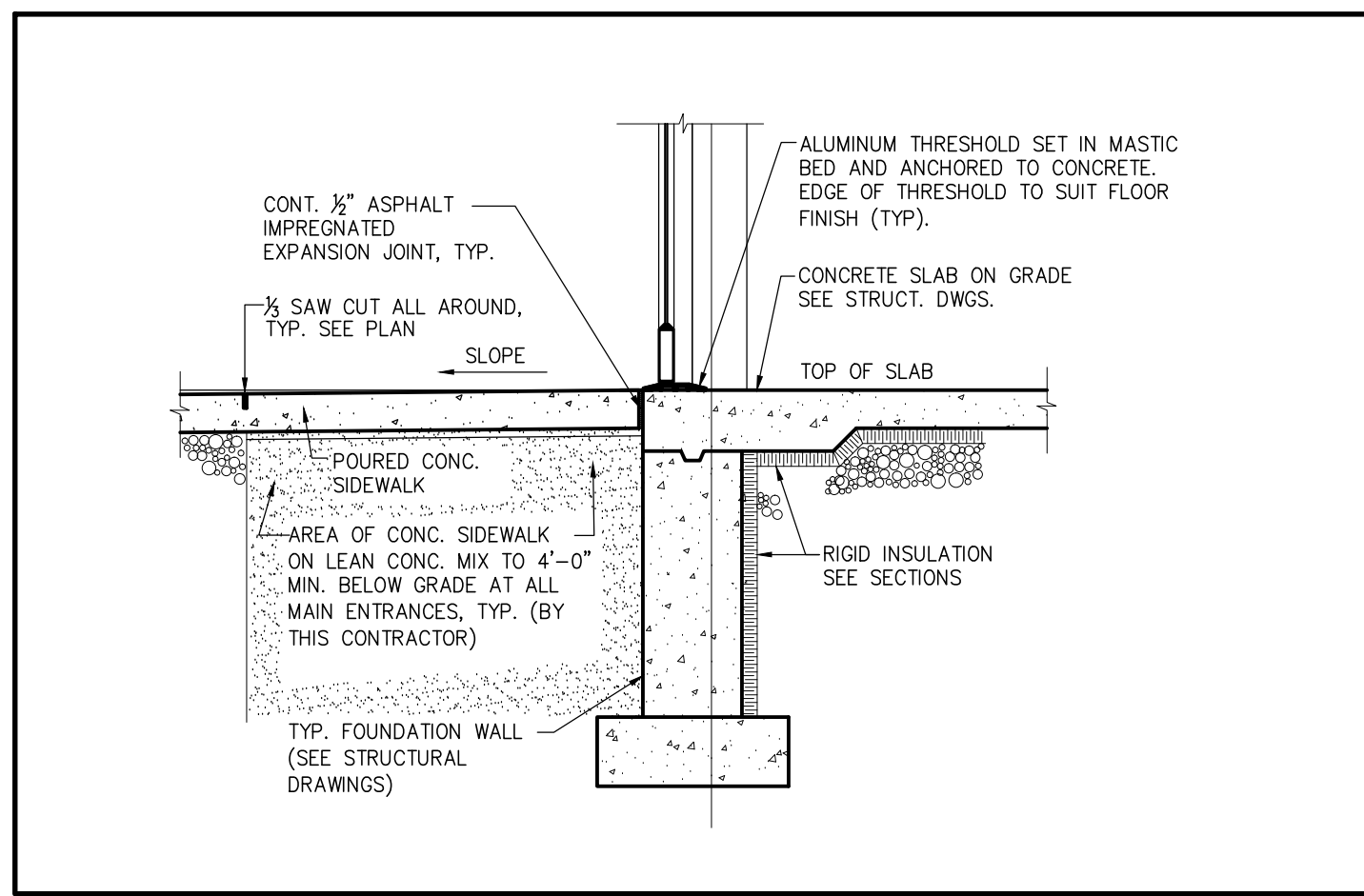
7 TYPICAL BOLLARD DETAIL

SCALE: 1"=1'-0"



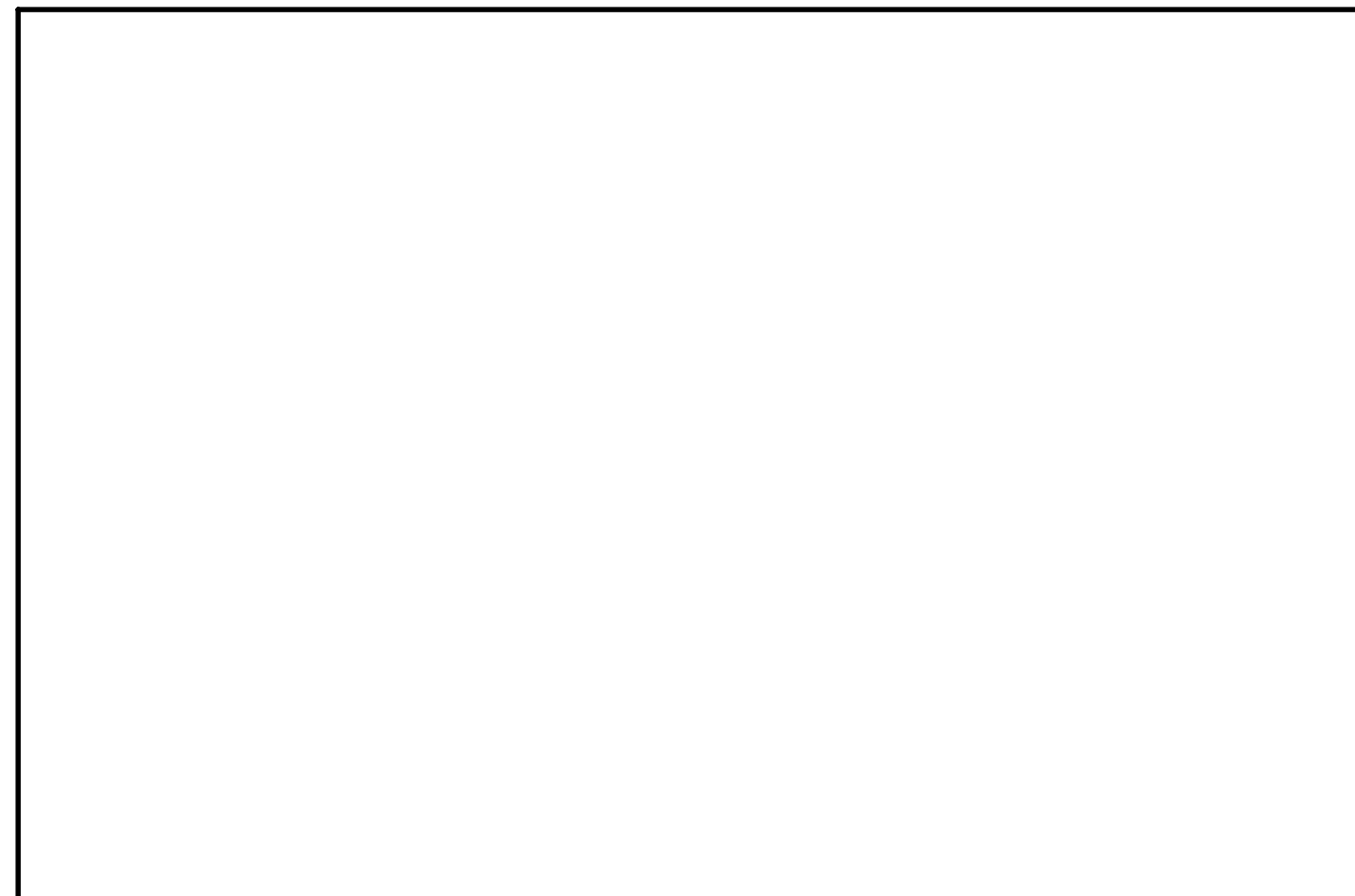
6 TYPICAL STOREFRONT DOOR & GLAZING

SCALE: 1/2"=1'-0"



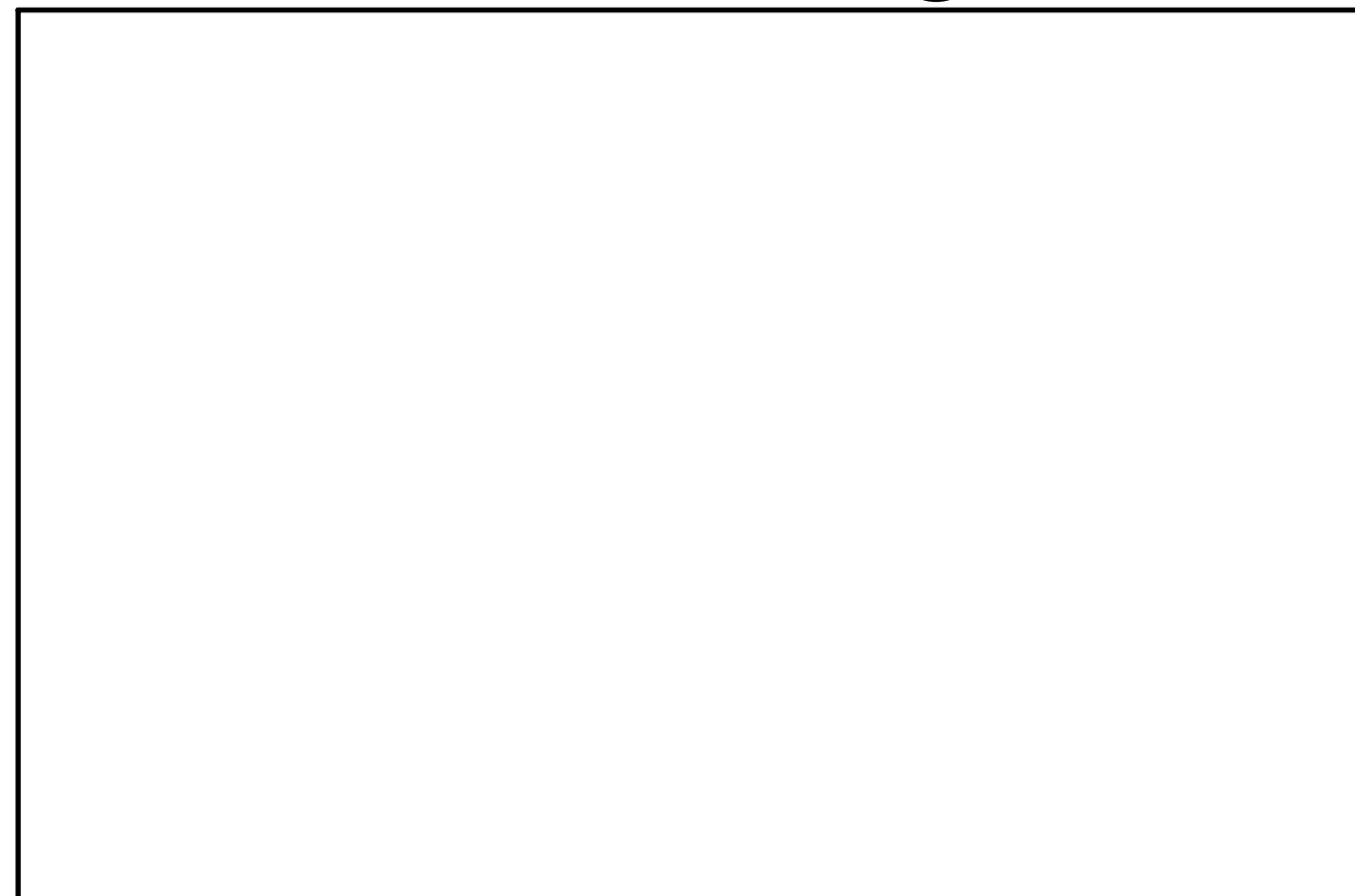
5 SECTION DETAIL

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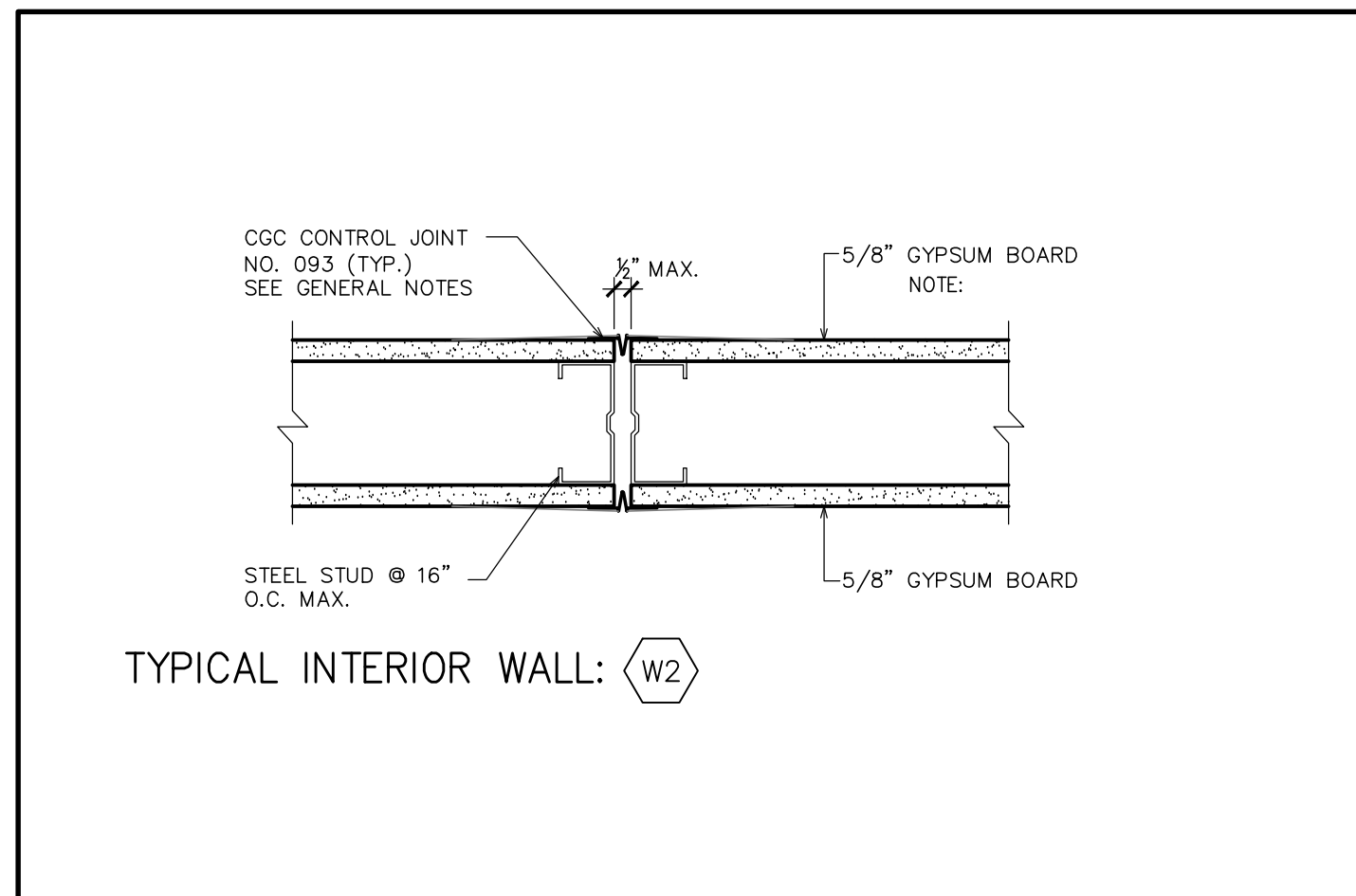
4 NOT USED

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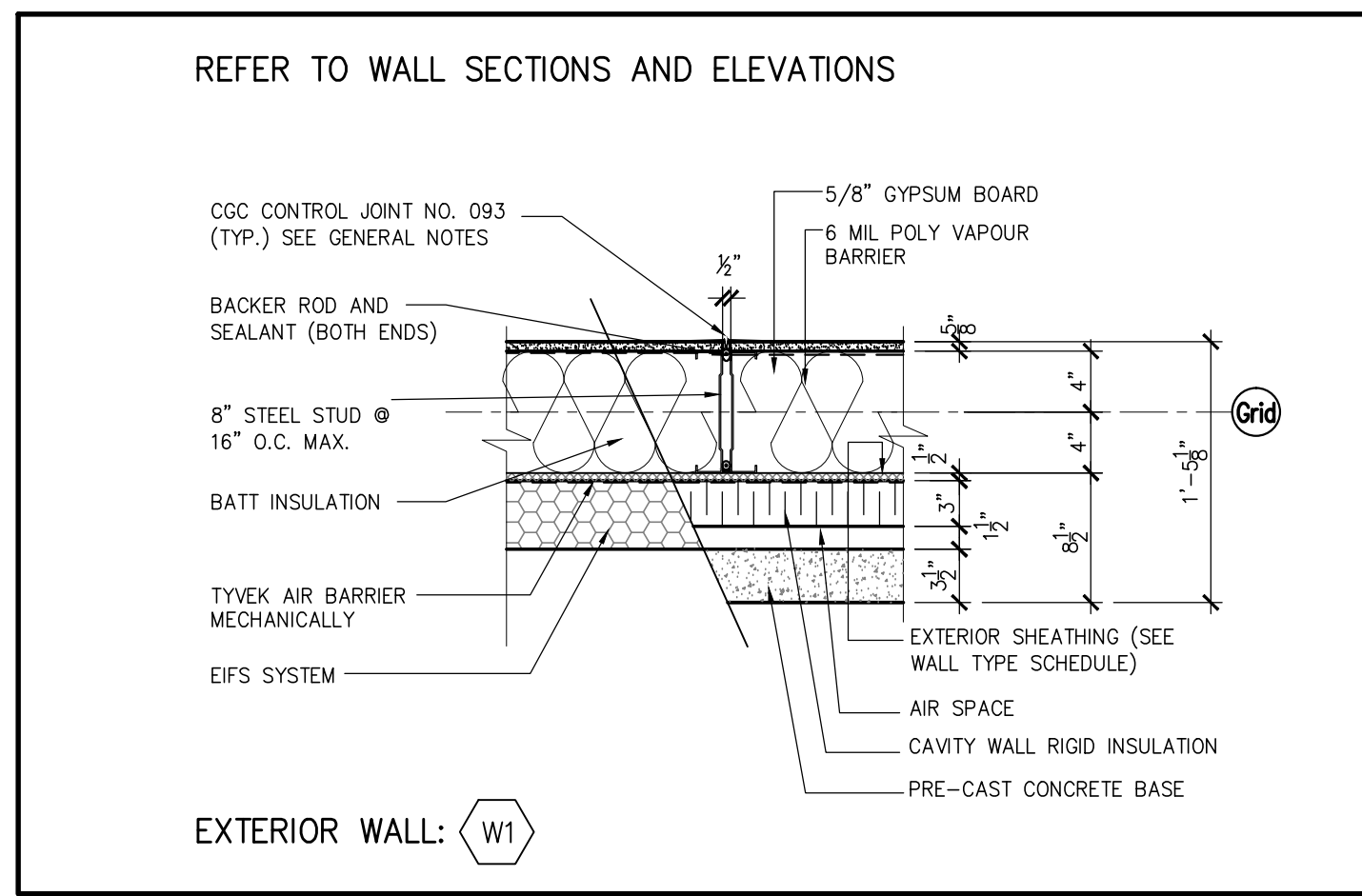
3 NOT USED

SCALE: NTS



2 TYPICAL WALL TYPE/ CONTROL JOINT

SCALE: NTS



1 TYPICAL WALL TYPE/ CONTROL JOINT

SCALE: 1"=1'-0"

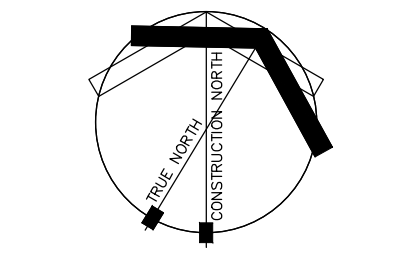
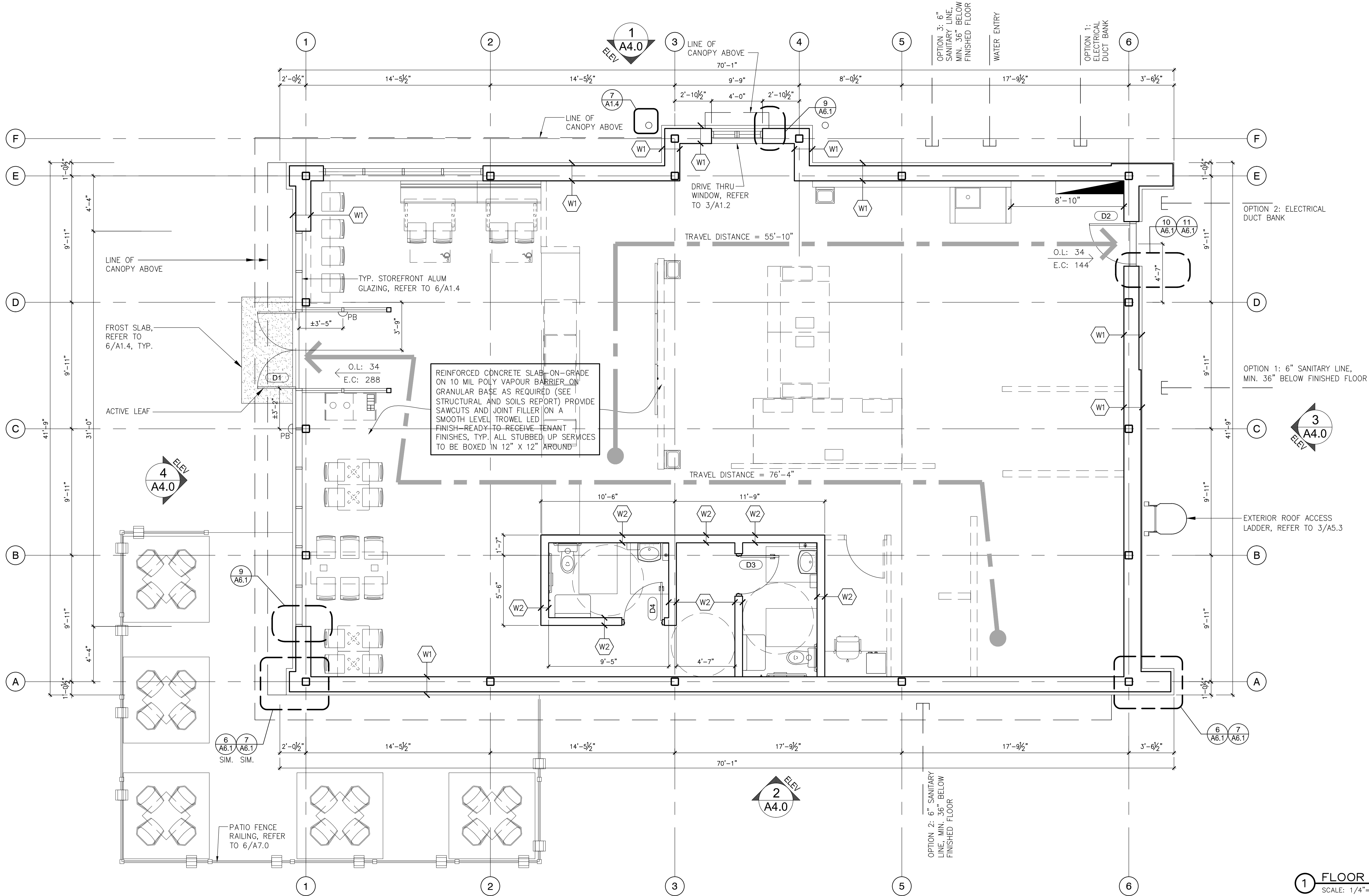
DATE	REVISION	ISSUES & REVISIONS
AZ	MAY 18 2022	REVIEW 1.6.2022
AZ	MAY 12 2022	REVIEW 1.3.2022
AZ	MAY 6 2022	REVIEW 1.4.2022
AZ	APR 26 2022	REVIEW 1.3.2022
AZ	MAY 30 2022	REVIEW 1.2.2022
#	BY	DATE

SYMBOL LEGEND	
	GRID LINE
	ELEVATION REFERENCE
	DETAIL REFERENCE
	WALL TYPE, REFER TO WALL TYPE SCHEDULE.
	DOOR TYPE, REFER TO DOOR SCHEDULE.
	LOCATION OF ELECTRICAL SERVICE (PROVIDE FIRE-RATED PLYWOOD BACKER BOARD -TYP.)
	PROPOSED EXIT SIGN/EMERGENCY LIGHT, SEE ELECTRICAL DRAWINGS.
	STRUCTURAL BRACING
	FLOOR DRAIN
	SIAMESE CONNECTION
	SPANDREL GLASS
	RAIN WATER LEADER - TO BE LOCATED ON SIDE OF COLUMN HIDDEN FROM ENTRY DOOR (UNLESS OTHERWISE SHOWN ON PLAN), REFER TO FLOOR PLAN.
	WATER VALVE & METER LOCATION, REFER TO MECHANICAL DRAWINGS.
	PROVIDE AND INSTALL 2A - 10BC FIRE EXTINGUISHERS, PER NFPA 10 & ALL AUTHORITIES HEAVING JURISDICTION.
	BARRIER-FREE PUSH BUTTON PUSH BUTTON TO HAVE NO FACE DIMENSION LESS THAN 6" DIA. OR 2"x 4" RECTANGULAR, BE LOCATED 3'-6" AFF TO CENTERLINE & NOT LESS THAN 2'-0" AND NOT MORE THAN 4'-11" BEYOND THE DOOR SWING WHERE THE DOOR OPENS TOWARDS THE CONTROL. CONTAIN THE SIGN INCORPORATING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY & MEET ALL REQUIREMENTS OF THE O.B.C. AND AUTHORITIES HAVING JURISDICTION.
ELECTRICAL AND MECHANICAL ARE SHOWN FOR REFERENCE ONLY. REFER TO DRAWINGS PREPARED BY ELECTRICAL AND MECHANICAL CONSULTANTS.	

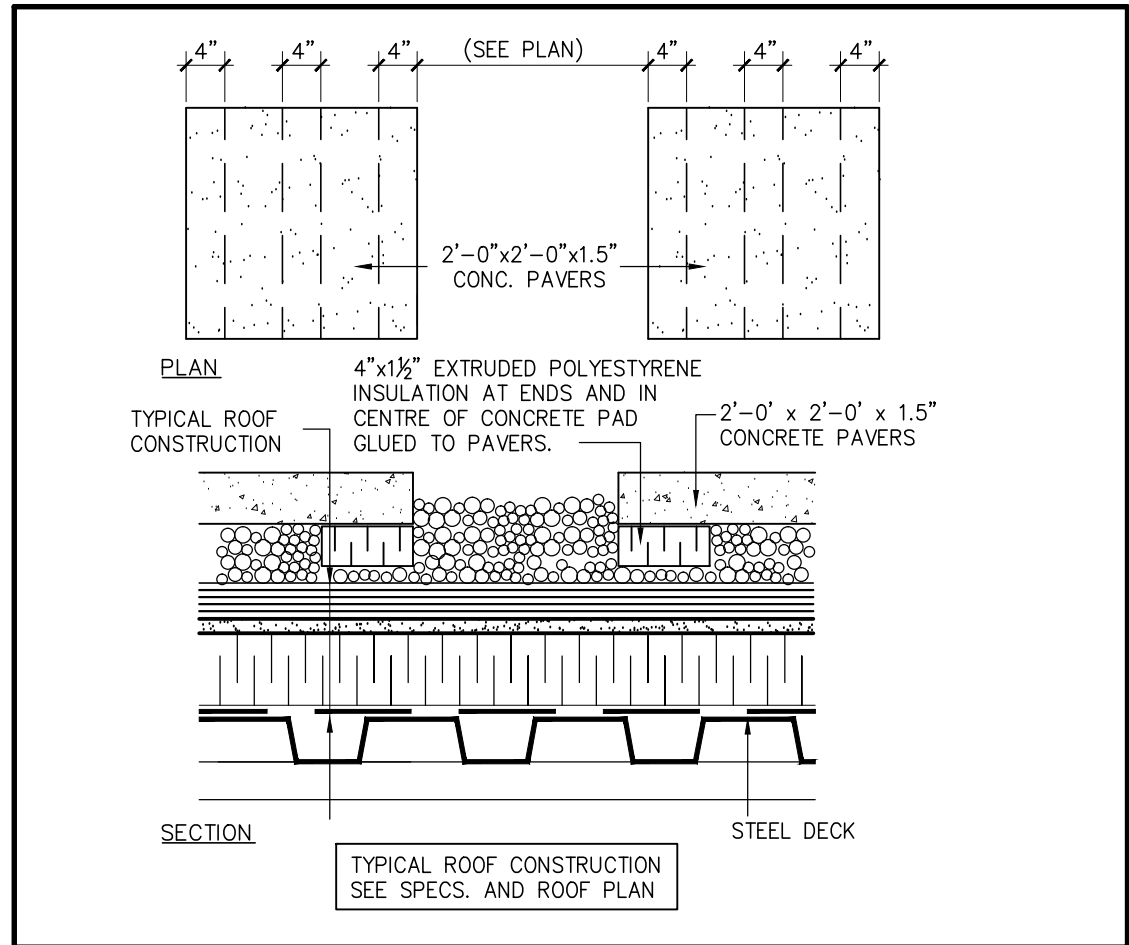
WALL TYPE SCHEDULE	
EXTERIOR WALL: (W1)	REFER TO ELEVATIONS, SECTIONS AND 1/A1.4
TOP OF SLAB TO TOP OF CONCRETE BASE	
- 5/8" GYPSUM BOARD, TAPED, SANDED & SEALED - FULL HEIGHT ON,	
- 6 mil POLY VAPOUR BARRIER ON,	
- 8" METAL STUDS @ 16" O.C. C/W BATT INSULATION (8" MIN.) TO FULL HEIGHT ON,	
- 1/2" DENS-GLASS GOLD EXTERIOR SHEATHING ON,	
- BLUE SKIN PEEL & STICK AIR BARRIER MEMBRANE ON,	
- 3" H.D. (R10) XPS RIGID INSULATION ON,	
- 1 1/2" AIR SPACE ON,	
- 3 1/2" PRECAST CONCRETE BASE (SEE ELEVATIONS)	
TOP OF CONCRETE BASE TO U/S OF SOFFIT OR TOP OF PARAPET	
- 5/8" GYPSUM BOARD, TAPED, SANDED & SEALED - FULL HEIGHT ON,	
- 6 mil POLY VAPOUR BARRIER ON,	
- 8" METAL STUDS @ 16" O.C. C/W BATT INSULATION (8" MIN.) TO FULL HEIGHT ON,	
- 1/2" DENS-GLASS GOLD EXTERIOR SHEATHING ON,	
- BACKSTOP NT APPLIED AIR BARRIER ON,	
- DRYVIT ADHESIVE, IN VERTICALLY NOTCHED TROWEL CONFIGURATION ON,	
- DRYVIT OUTSULATION MD BOARD SIZE VARIES ON,	
- STUCCO FINISH, REFER TO 07240 OF GENERAL NOTES, PROVIDE 'PANZER' REINFORCING MESH AS NOTED ON SECTIONS	
INTERIOR WALL: (W2)	
- 5/8" GYPSUM BOARD TAPED, SANDED, PRIMED AND PAINTED - FULL HEIGHT ON RETAIL/ KITCHEN SIDE ON,	
- 6" METAL STUD @ 16" O.C., FILL CAVITY (MIN.6") WITH SOUND BATT INSULATION ON,	
- 5/8" PAPERLESS GYPSUM BOARD TO 6" ABOVE CEILING ON WASHROOM SIDE, TAPED, SANDED, PRIMED AND PAINTED.	
- BRACE STUDS AS REQUIRED IN CEILING SPACE	

WIDTH OF EXIT DOORS BASED ON O.B.C. 3.4.3.2.(1)(a) AT 1/4"/person (6.1mm/pers)	
O.L: 158	O.L: CALCULATED OCCUPANT LOAD
E.C: 288	E.C: EXIT CAPACITY PROVIDED
MAX. TRAVEL DISTANCE AND LOCATION OF EXITS IS BASED ON O.B.C. - 3.4.2.4. AND 3.4.2.5.	
- 3.4.2.5.(1)(c) : 30m (98'-5")	
	TRAVEL DISTANCE START POINT
	TRAVEL DISTANCE DIRECTION
ALL TENANT FIT-UP WORK INCLUDING, BUT NOT LIMITED TO, ANY ADDITIONAL WASHROOMS, EXIT REQUIREMENT, OR SPECIAL REQUIREMENTS LIMITED TO THE TENANT USE SHALL BE SUBMITTED FOR PERMIT BY THE TENANTS UNDER SEPARATE APPLICATIONS FOR ALL WORK NOT INDICATED IN THIS SET OF DRAWINGS.	
TENANT SPECIAL NOTES	
1. BASE BUILDING CONTRACTOR TO PROVIDE (A MINIMUM OF) FOURTEEN (14) DAYS OF NOTICE PRIOR TO INSTALLING THE DRYWALL ON ALL WALLS.	
2. BASE BUILDING CONTRACTOR TO PROVIDE (A MINIMUM OF) TWENTY-ONE (21) DAYS NOTICE PRIOR TO POURING THE FLOOR SLAB - TO ENABLE THE TENANT TO INSTALL ANY ADDITIONAL UNDERSLAB ITEMS.	

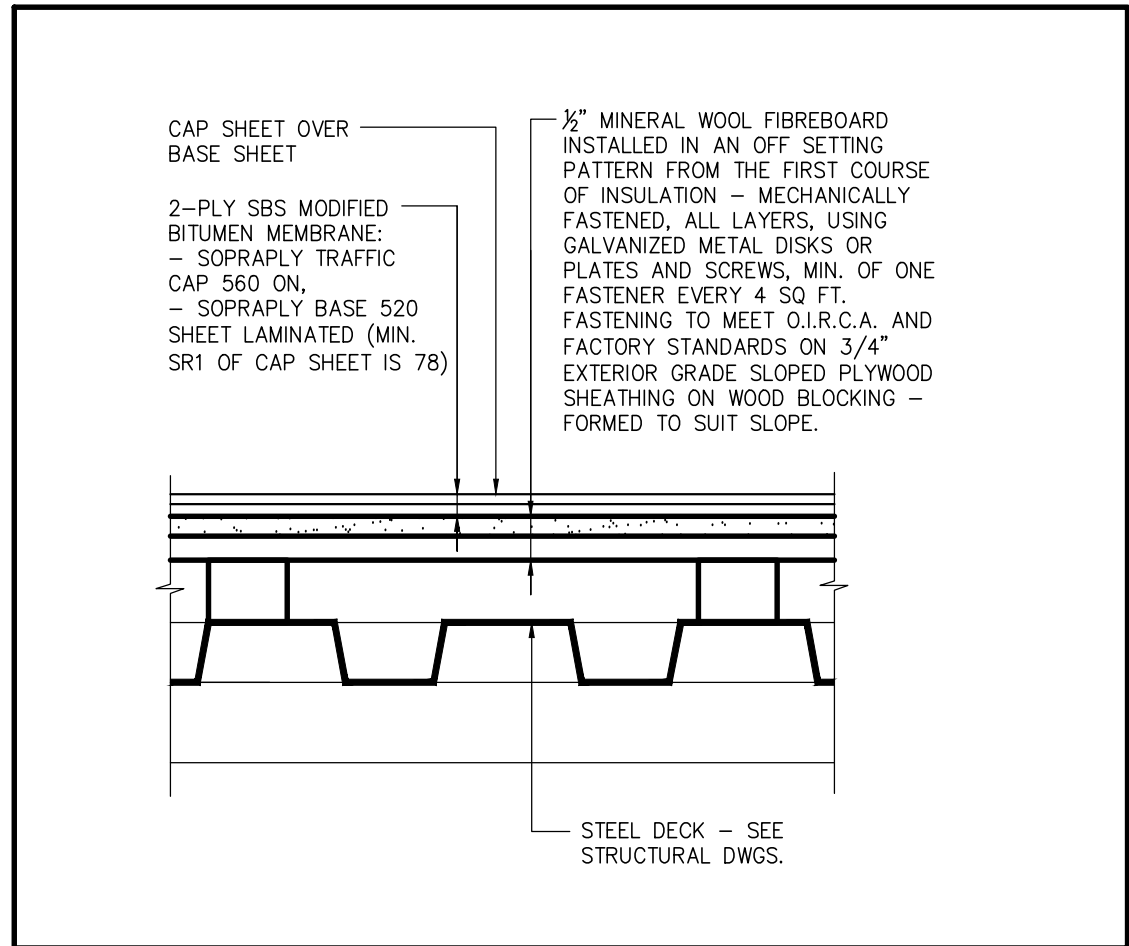
WALL NOTES	
1. ALL DRYWALL SHALL BE TAPED AND SANDED, READY TO ACCEPT TENANT FINISH (FULL HEIGHT)	W/STEEL STUD FRAMING + 5/8" DRYWALL TAPED + SANDED TO 15'-0" A.F.F. C/W ACCESS PANELS
2. PROVIDE SLIDING CONNECTION TO U/S OF BEAMS, DECK OR JOIST FOR ROOF DEFLECTION.	8. ALL DRYWALL TO BE INSTALLED A MIN. OF 1/2" FROM TOP OF CONCRETE SLAB (MAX. 5/8")
3. FIRE SEAL HILTI FS601 OR FS-ONE FLEXIBLE FIRE STOP AT ROOF DECK, FLOOR AND ALL WALL PENETRATIONS TO SUIT RATING OF WALL. APPLICATION TO COMPLY WITH MANUFACTURER SPECIFICATION AND TO THE SATISFACTION OF AUTHORITIES HAVING JURISDICTION FOR ALL RATED WALLS.	9. G.C. TO SCRAPE AND VACUUM CLEAN BOTTOM OF TRACK PRIOR TO INSTALLATION OF INSULATION
4. CAULK SEAL AT ROOF DECK, FLOOR AND ALL WALL PENETRATIONS FOR NON-RATED WALLS.	10. PROVIDE 1/2" EXTERIOR GRADE PLYWOOD WITH BLUE SKIN PEEL & STICK MEMBRANE (IN SHINGLE CONFIGURATION) AS SHEATHING AT ALL SPANDREL PANEL LOCATION. G.C. TO COORDINATE ELECTRICAL FIXTURE LOCATIONS W/ ELECTRICAL EIPS AND STUD/GYPSUM BOARD SUBCONTRACTORS. ENSURE ADEQUATE BACKING SUPPORT IS PROVIDED.
5. CUT DRYWALL TO SUIT ROOF DECK FLUTES AT ALL WALLS, WHERE NOTED.	11. G.C. TO COORDINATE ELECTRICAL FIXTURE LOCATIONS W/ ELECTRICAL EIPS AND STUD/GYPSUM BOARD SUBCONTRACTORS. ENSURE ADEQUATE BACKING SUPPORT IS PROVIDED.
6. PROVIDE CONTROL JOINTS AS INDICATED IN GENERAL NOTES (SEE SEC. 09250, TYP.)	12. STRUCTURAL BRACING (SEE STRUCTURAL DRAWINGS)
7. G.C. TO BOX IN ALL SERVICES NOT CONCEALED IN WALLS	



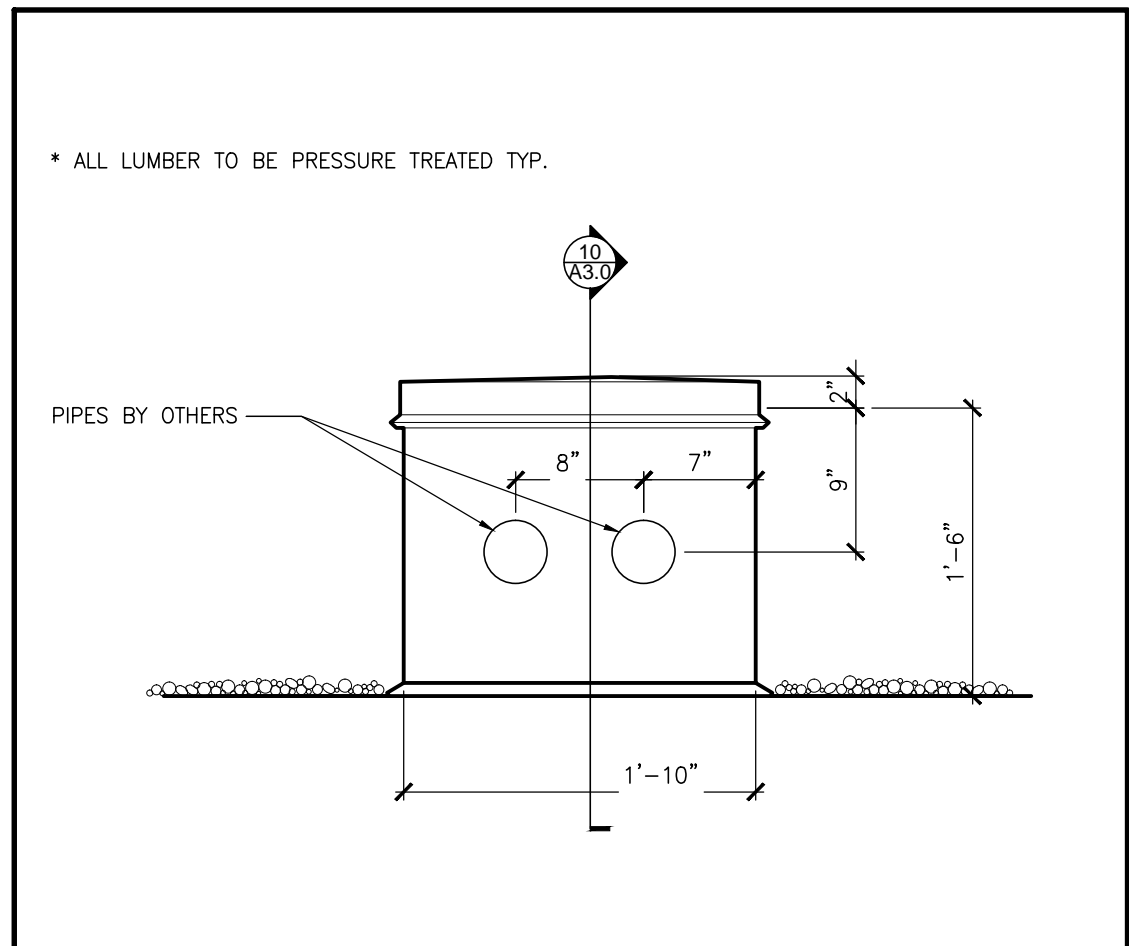
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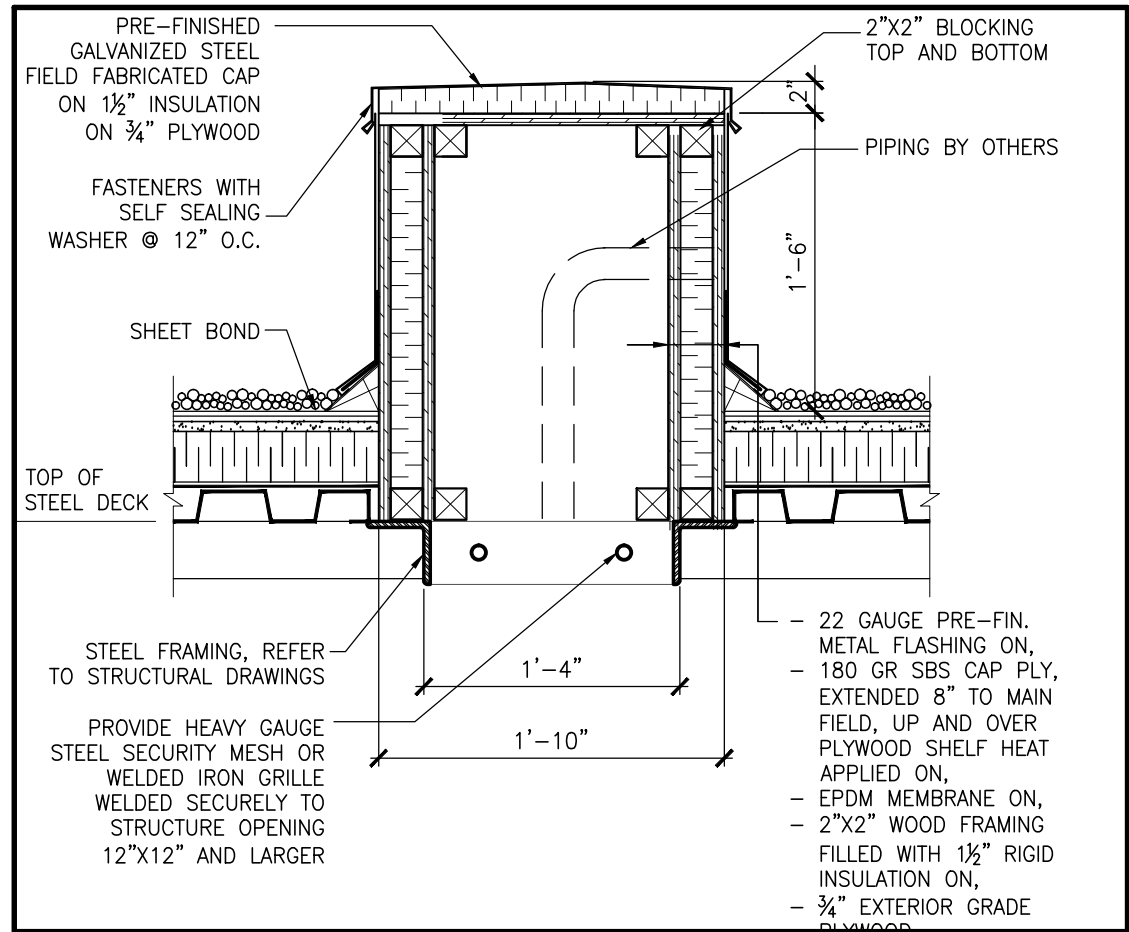
13 TYP. ROOF CONCRETE PAVER DETAIL
SCALE: NTS



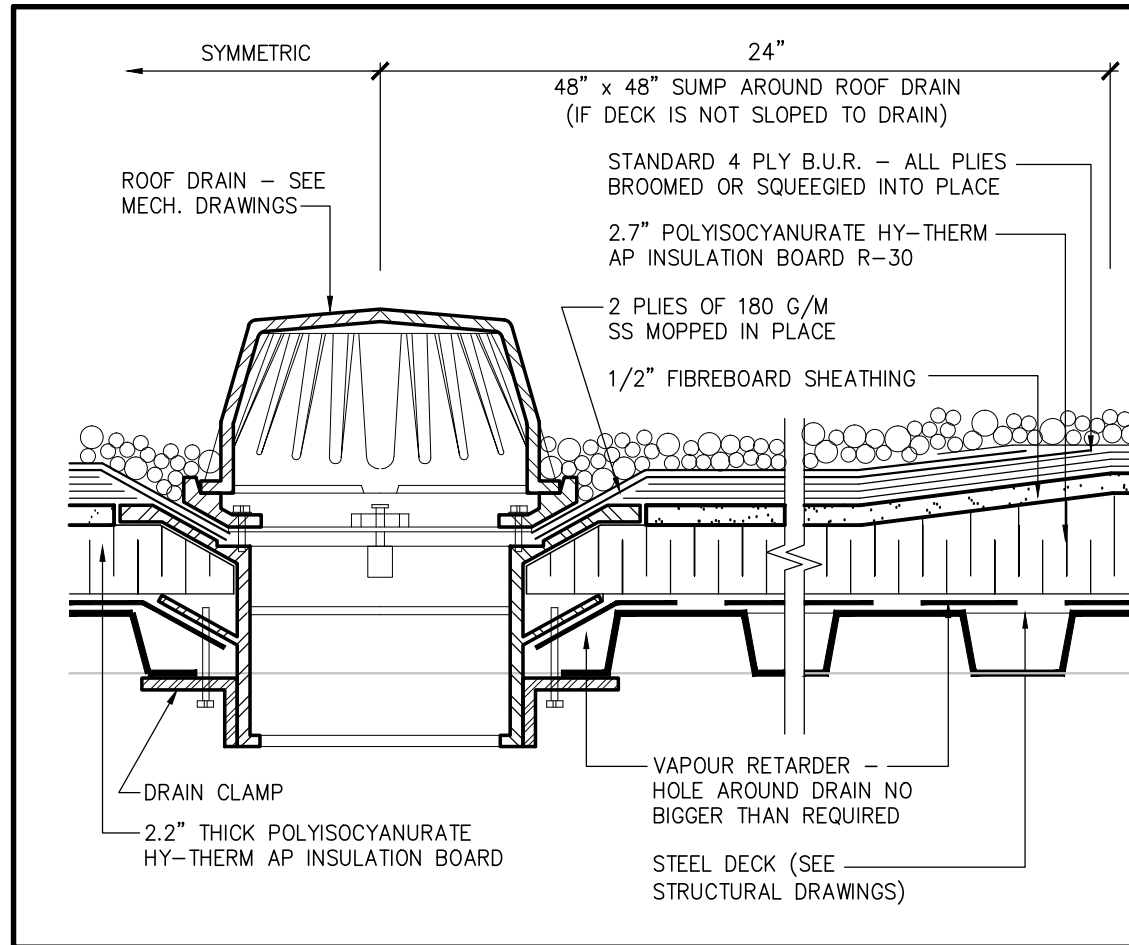
12 2 PLY ROOFING ASSEMBLY - CANOPY
SCALE: NTS



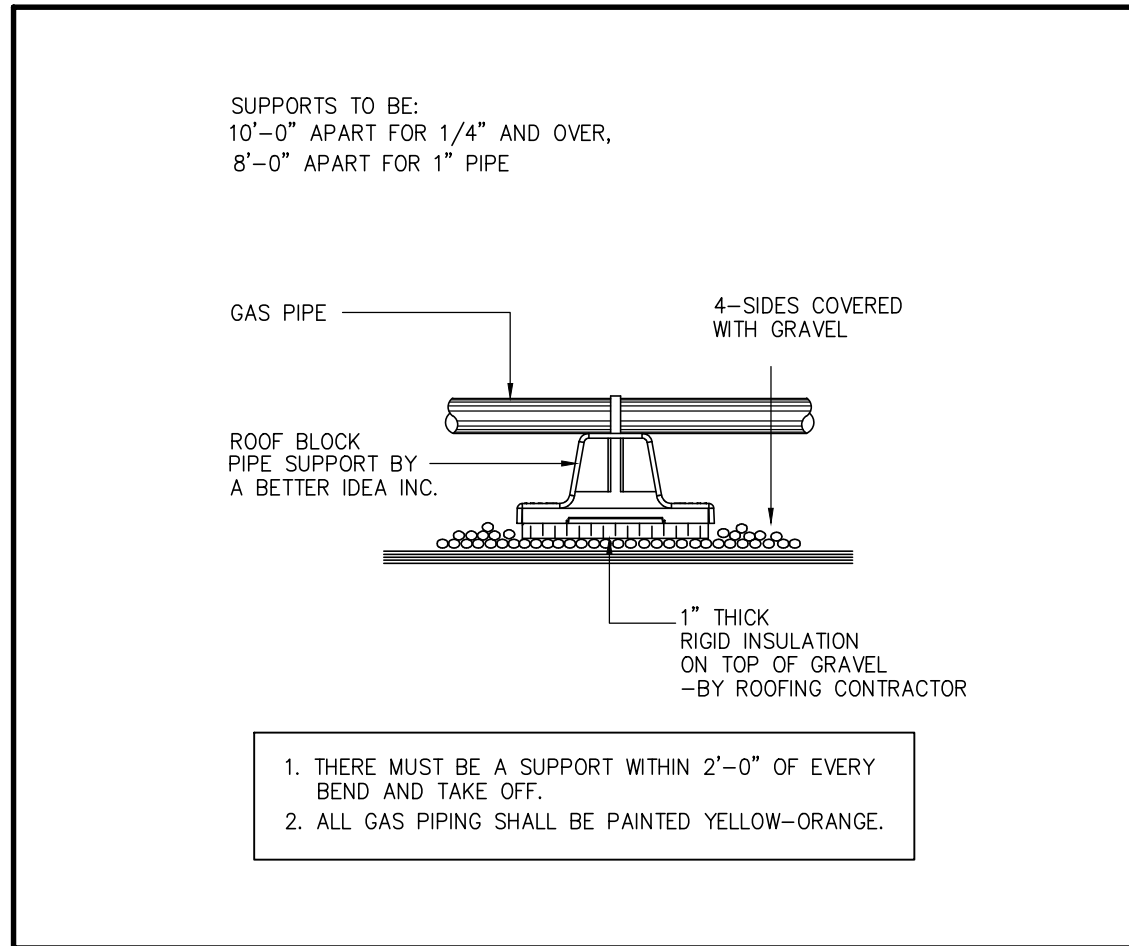
11 DOG HOUSE ELEVATION
SCALE: NTS



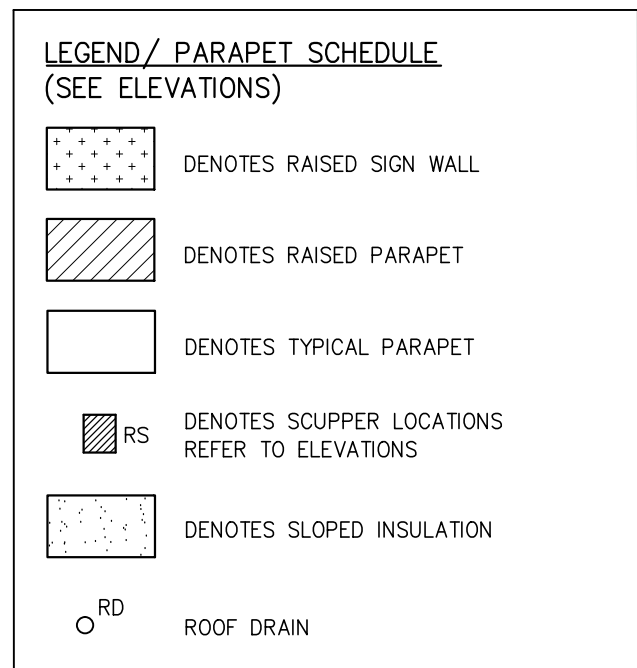
10 SECTION DETAIL
SCALE: NTS



9 SECTION THRU ROOF DRAIN
SCALE: NTS

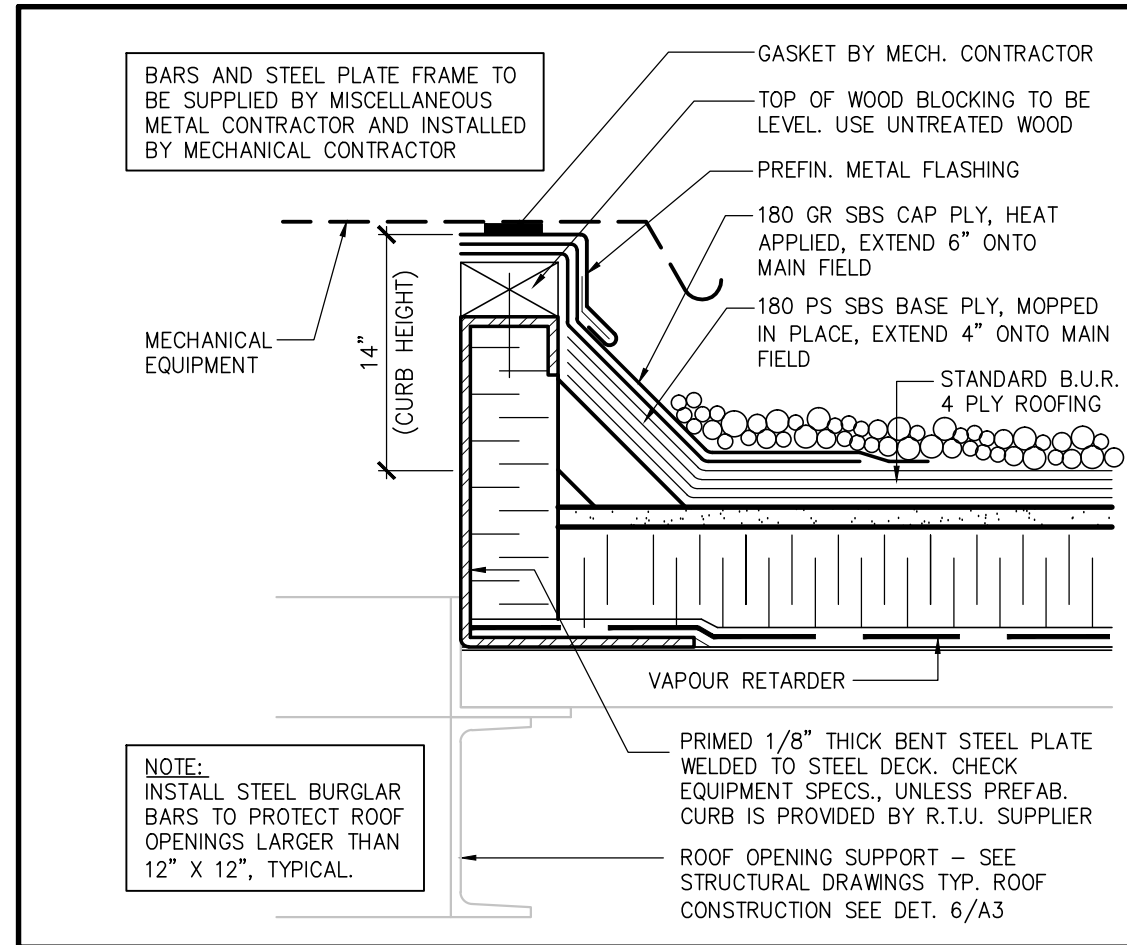


8 GAS LINE SUPPORT DETAIL
SCALE: NTS

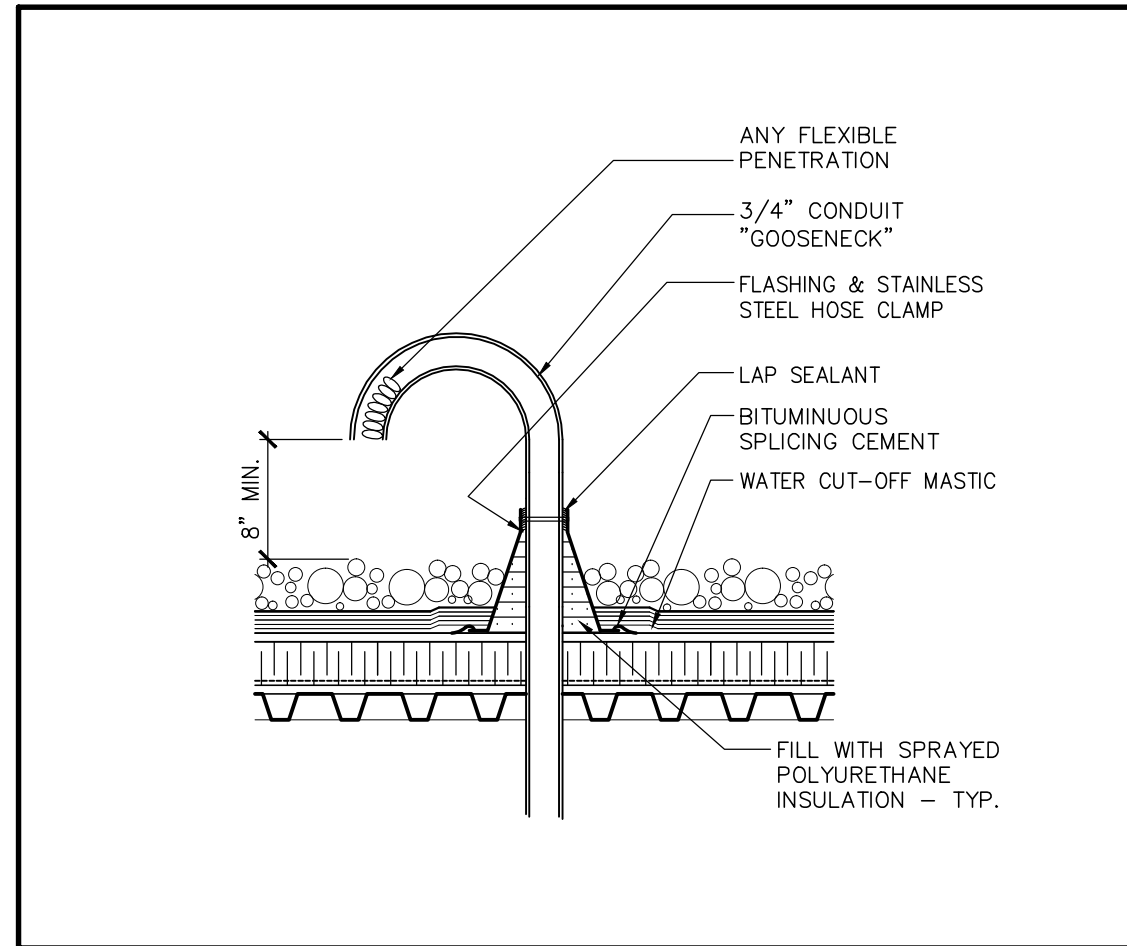


UPLIFT CALCULATION:
GENERAL CONTRACTOR AND ROOFING SUBTRADE TO DEMONSTRATE THAT THE ROOFING SYSTEM SUSTAINS WIND UPLIFT AS REQUIRED UNDER CSA STANDARD A123.21.

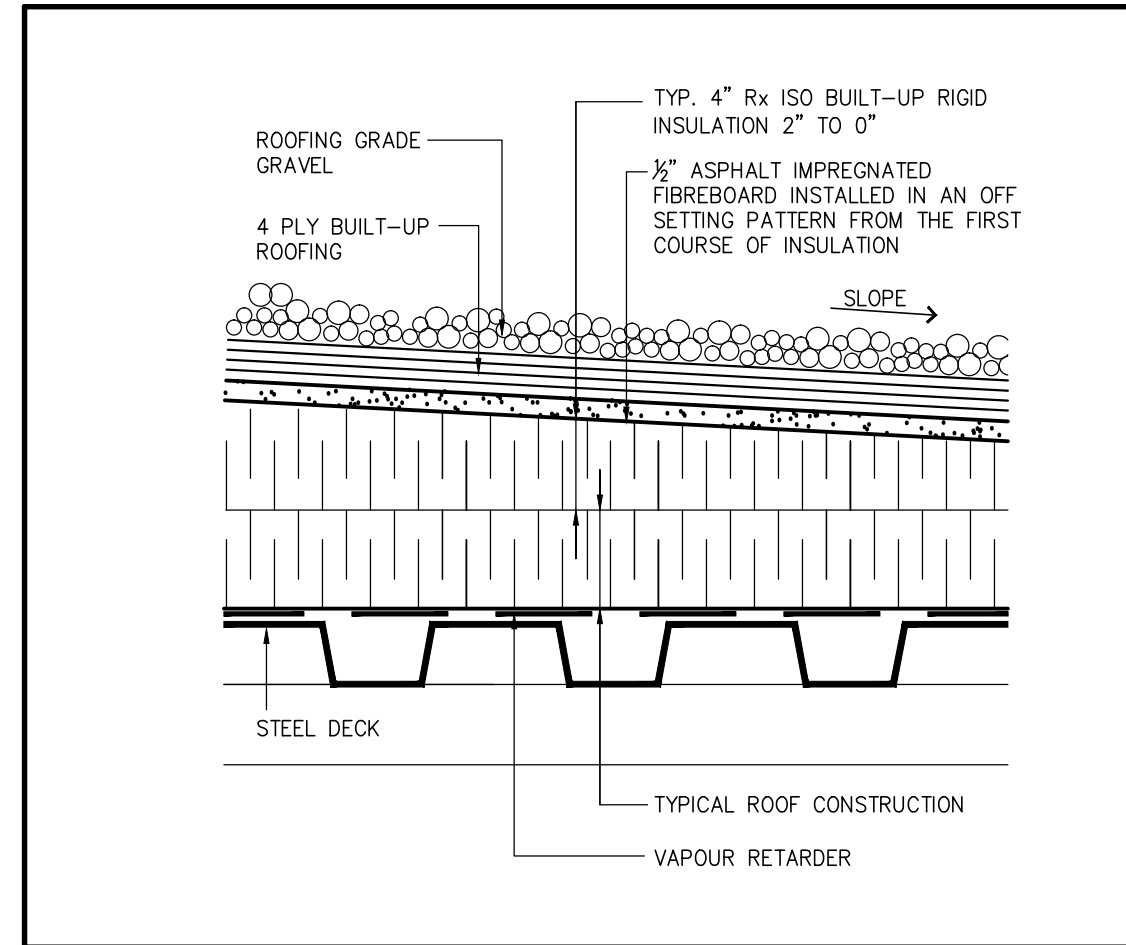
- ROOF NOTES**
- BASE BUILDING CONTRACTOR TO NOTIFY ROOFING INSPECTOR 7 DAYS PRIOR TO COMMENCEMENT OF ROOF WORK.
 - BUILDING CONTRACTOR TO COORDINATE ALL RTU UNIT LOCATION AND OPENINGS WITH JOIST/STEEL MANUFACTURER AND ROOF TOP UNIT SUPPLIER/MANUFACTURER.
 - ROOFER TO EXTEND VAPOUR BARRIER PAST EDGE AT MARQUEE LOCATIONS FOR CONNECTION TO BUILDING VAPOUR BARRIER.
 - BASE BUILDING CONTRACTOR TO PROVIDE (A MINIMUM OF) FOURTEEN (14) DAYS NOTICE PRIOR TO INSTALLING ANY ROOF PENETRATION FOR ALL UNITS.
 - CONTRACTOR TO PROVIDE A MIN. FIVE (5) YEAR ROOF WARRANTY.
 - G.C. TO INSTALL A WATERTIGHT ROOF WITH A MINIMUM LIFE EXPECTANCY OF 10 YEARS.
 - G.C. SHALL SEAL AND MAKE WATERTIGHT ALL ROOF PENETRATIONS PRIOR TO THE POSSESSION DATE.



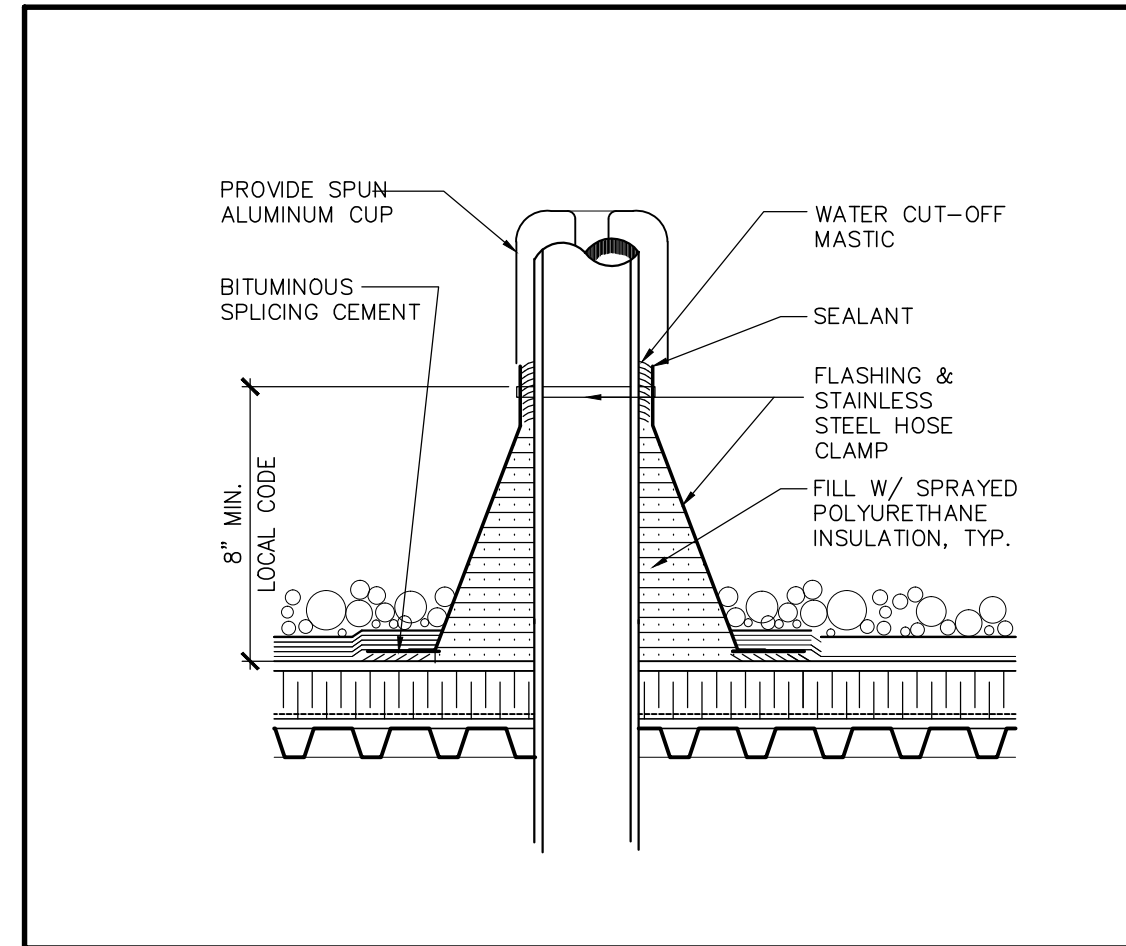
7 EQUIPMENT & DUCT CURB
SCALE: NTS



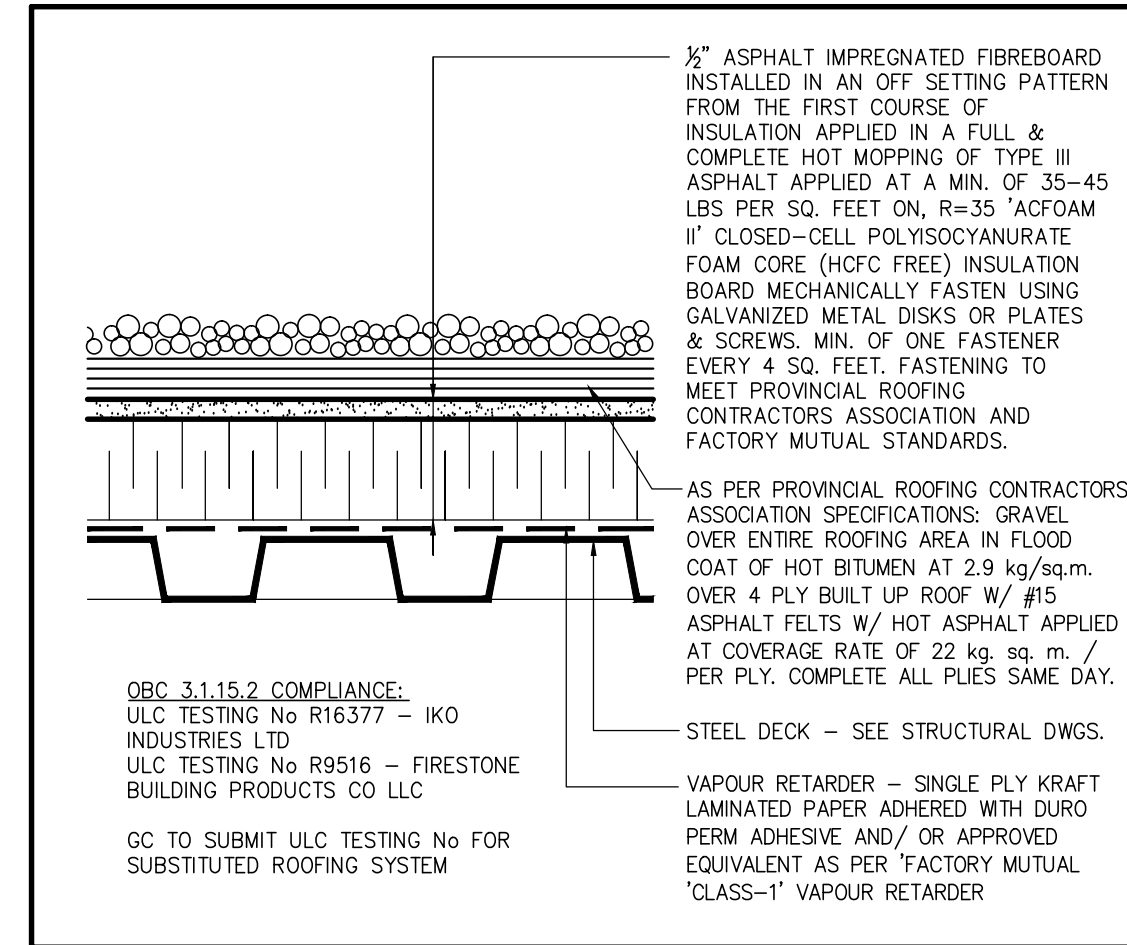
6 FLEXIBLE PENETRATION
SCALE: NTS



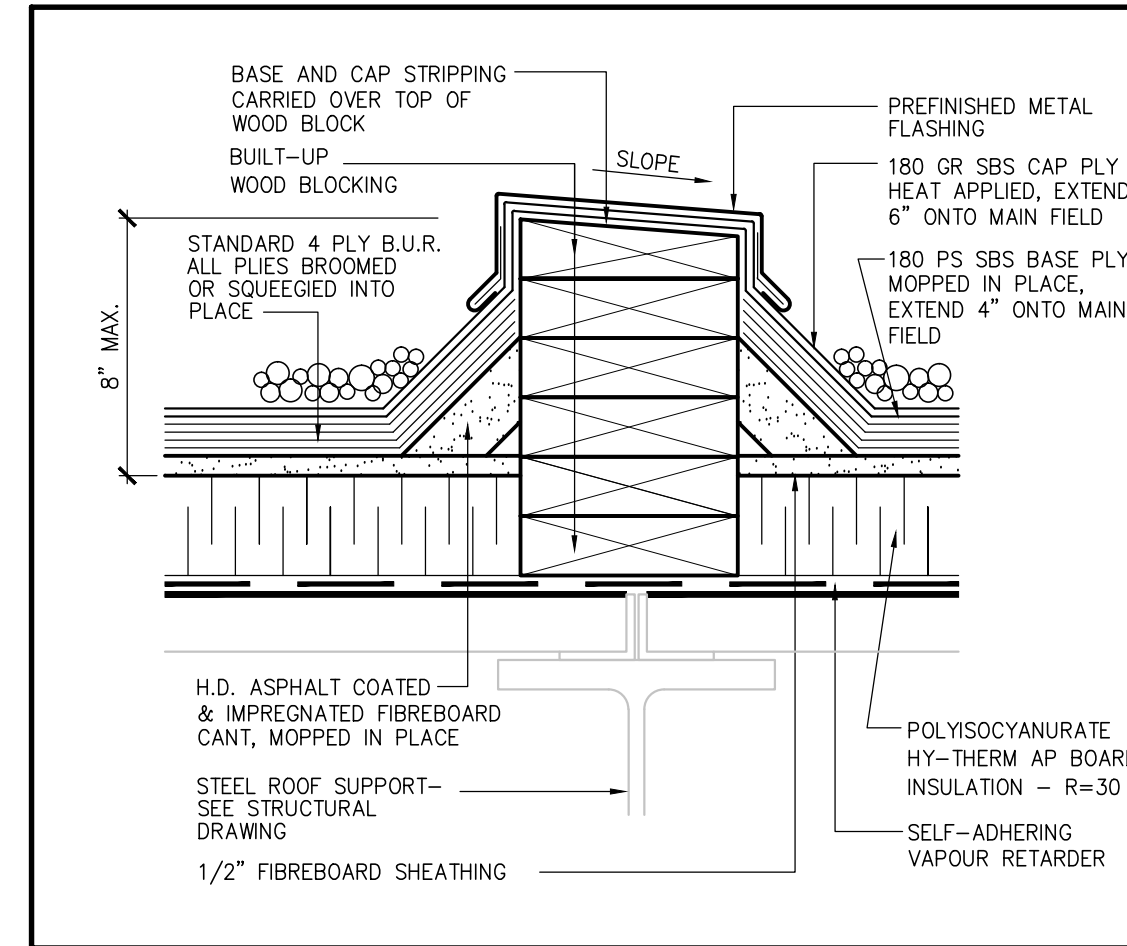
5 ROOF - SLOPED INSULATION
SCALE: NTS



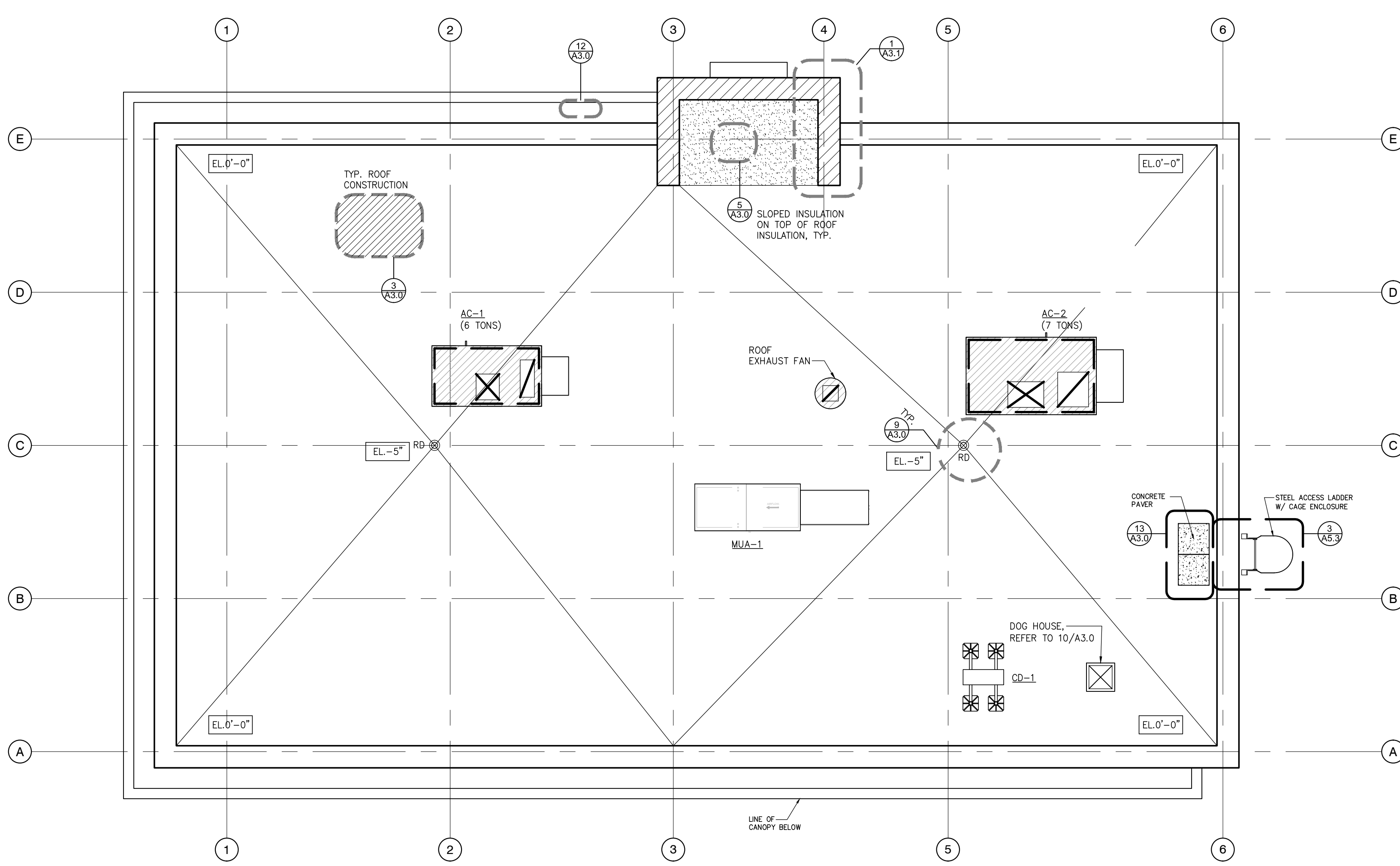
4 PIPE PENETRATION
SCALE: NTS



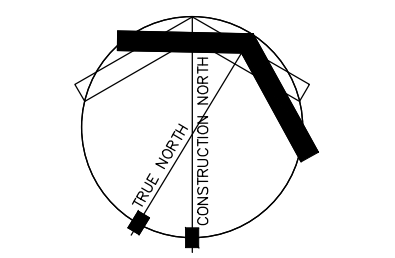
3 ROOFING DETAIL
SCALE: NTS



2 ROOF CURB DETAIL
SCALE: NTS



1 ROOF PLAN
SCALE: 3/16"=1'-0"

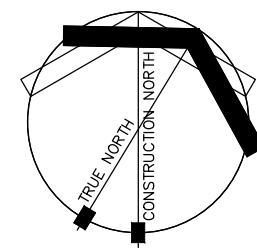


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AZ	MAY 30 2022	REVIEW 1.2.2022	

ROOF PLAN
MARY BROWNS POULET
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE: MAR 2022
DRAWN BY:
CHECKED BY: AZ
COMM. NO. (21-81)

A3.0
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE
DO NOT SCALE DRAWINGS.

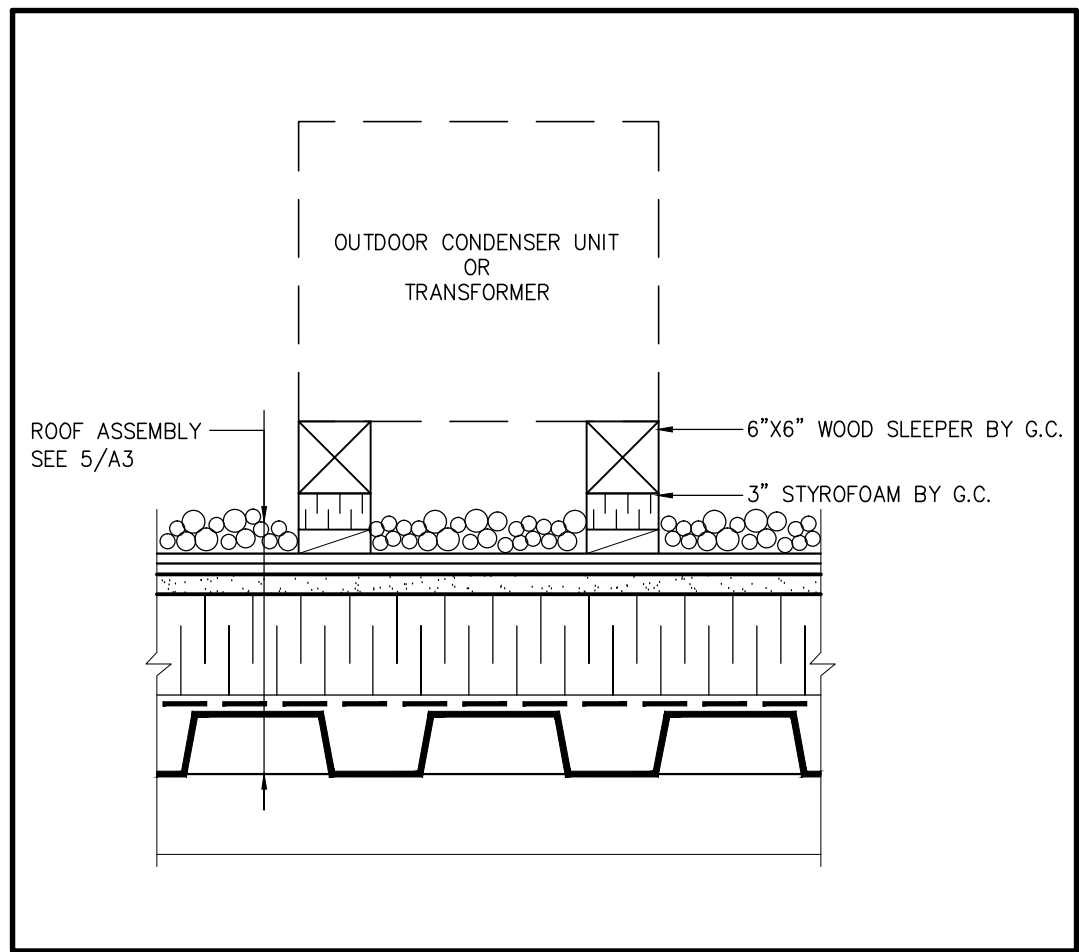


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AZ	APR 28 2022	REVIEW 1.3.2022	
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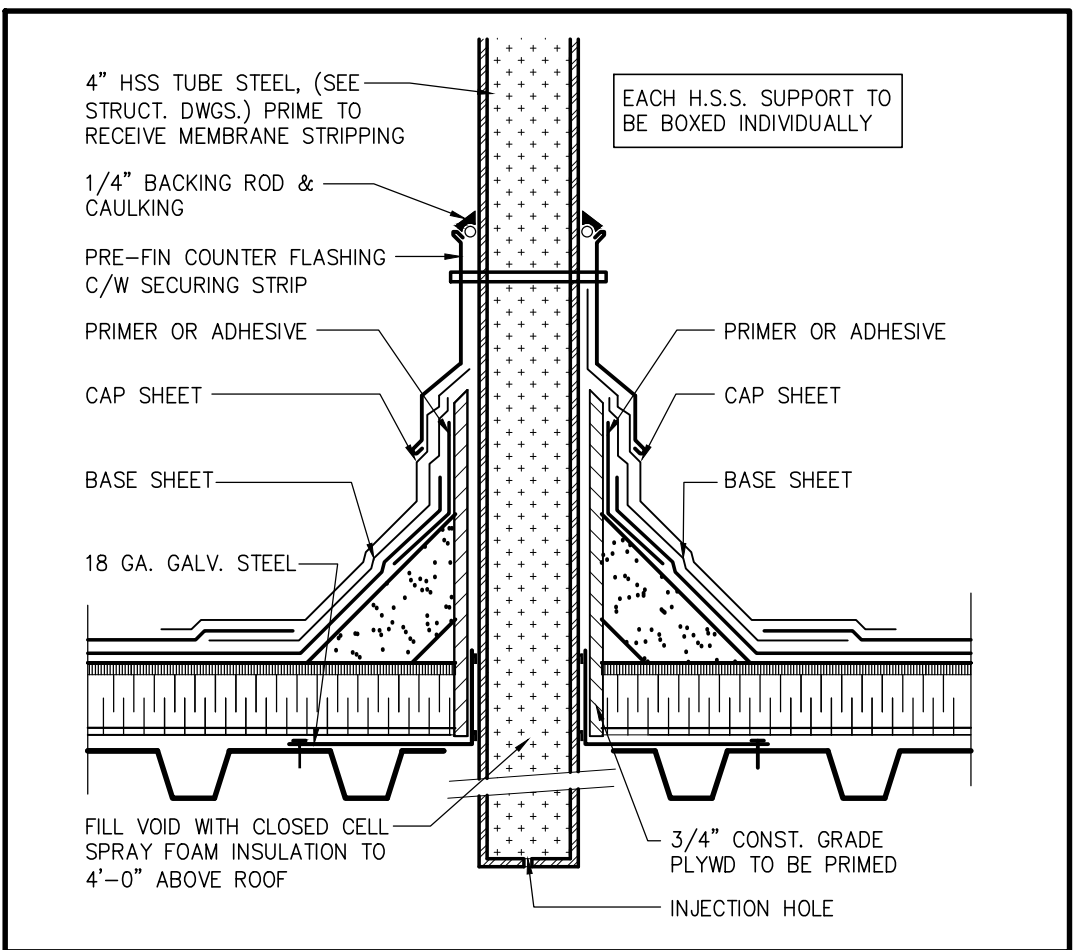
ROOF DETAILS
MARY BROWNS POULET
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE: MAR 2022
DRAWN BY:
CHECKED BY: AZ
COMM. NO. (21-81)

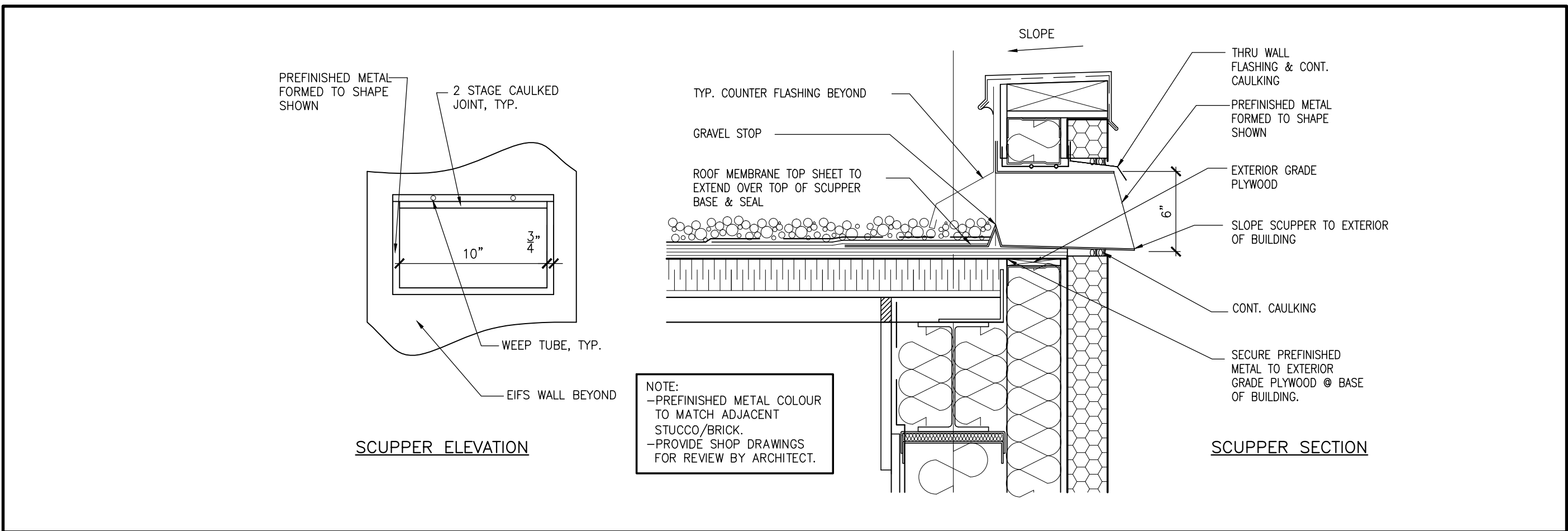
A3.1
CONTRACTOR SHALL CHECK AND VERIFY
ALL DIMENSIONS ON SITE
DO NOT SCALE DRAWINGS.



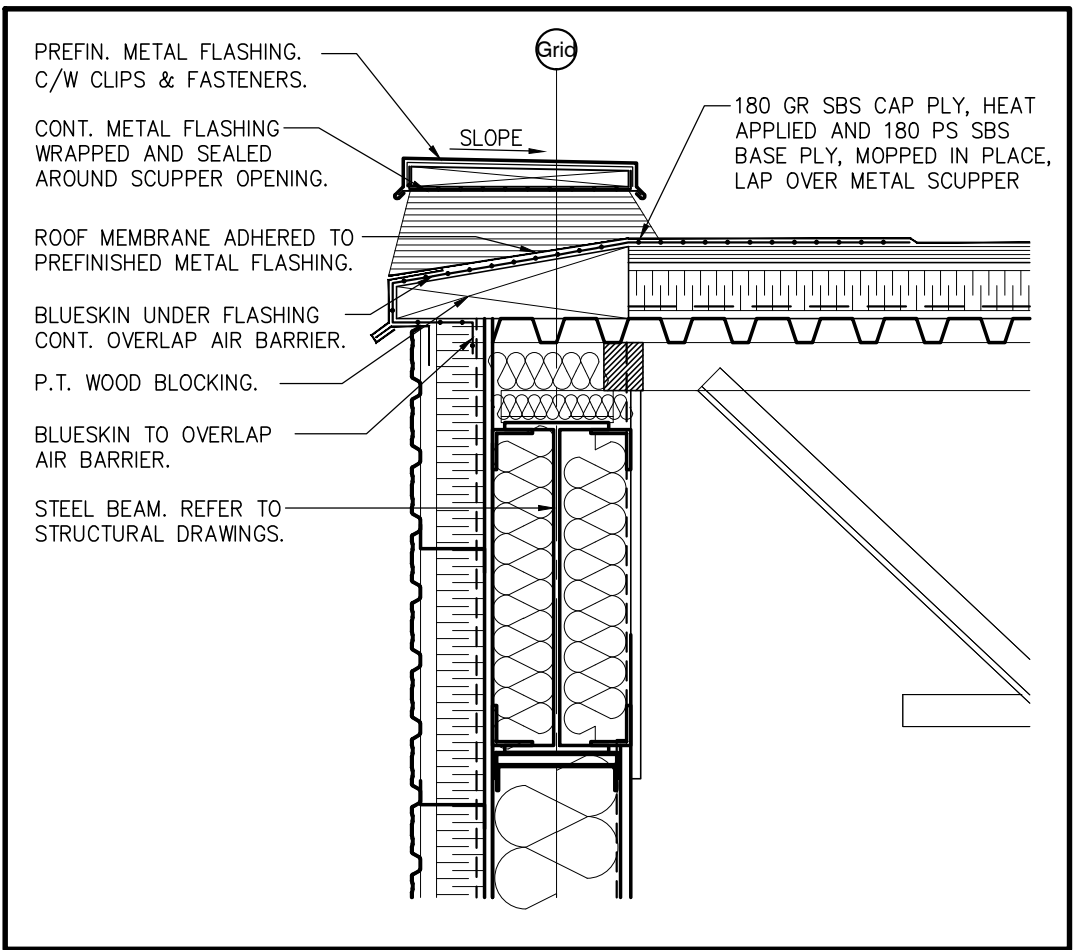
6 OUTDOOR CONDENSER UNIT SUPPORT
SCALE: NTS



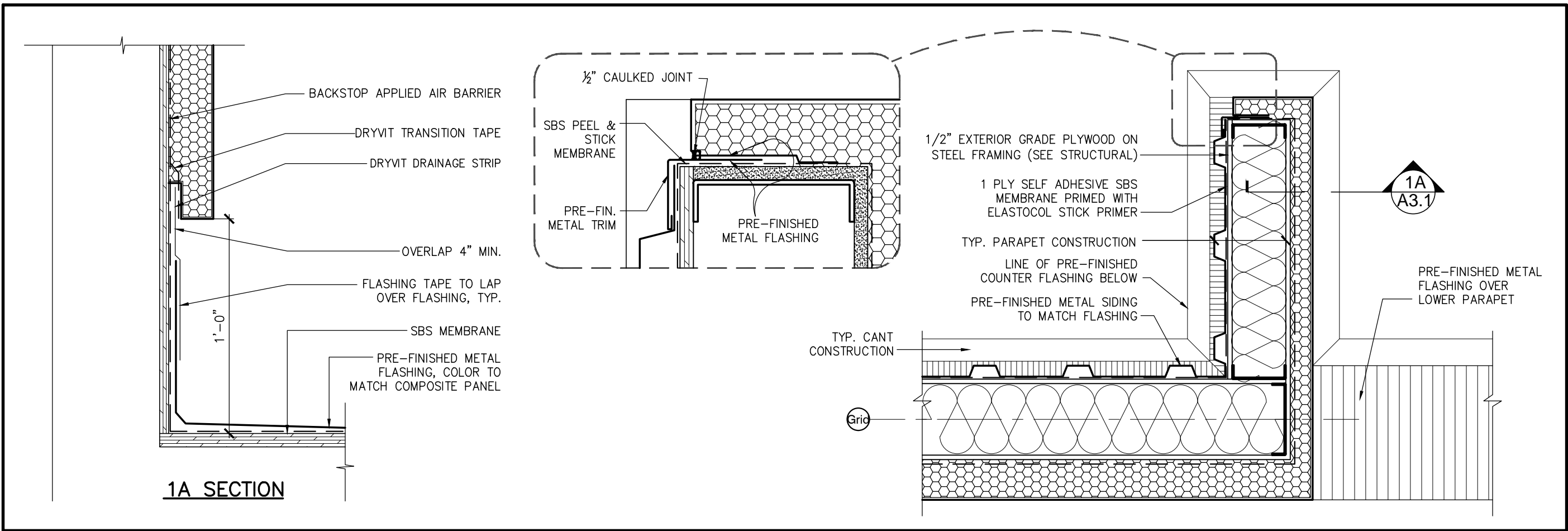
5 STRUCTURAL BRACING DETAIL
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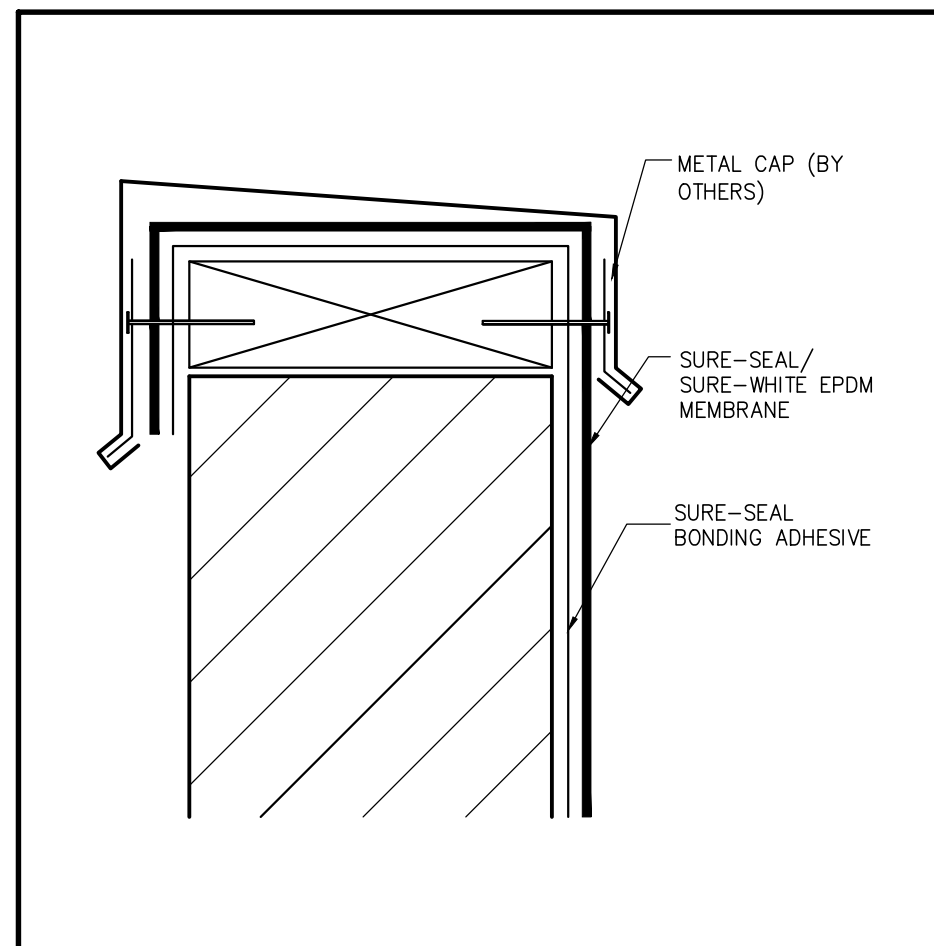
4 PARAPET RETURN DETAIL
SCALE: NTS



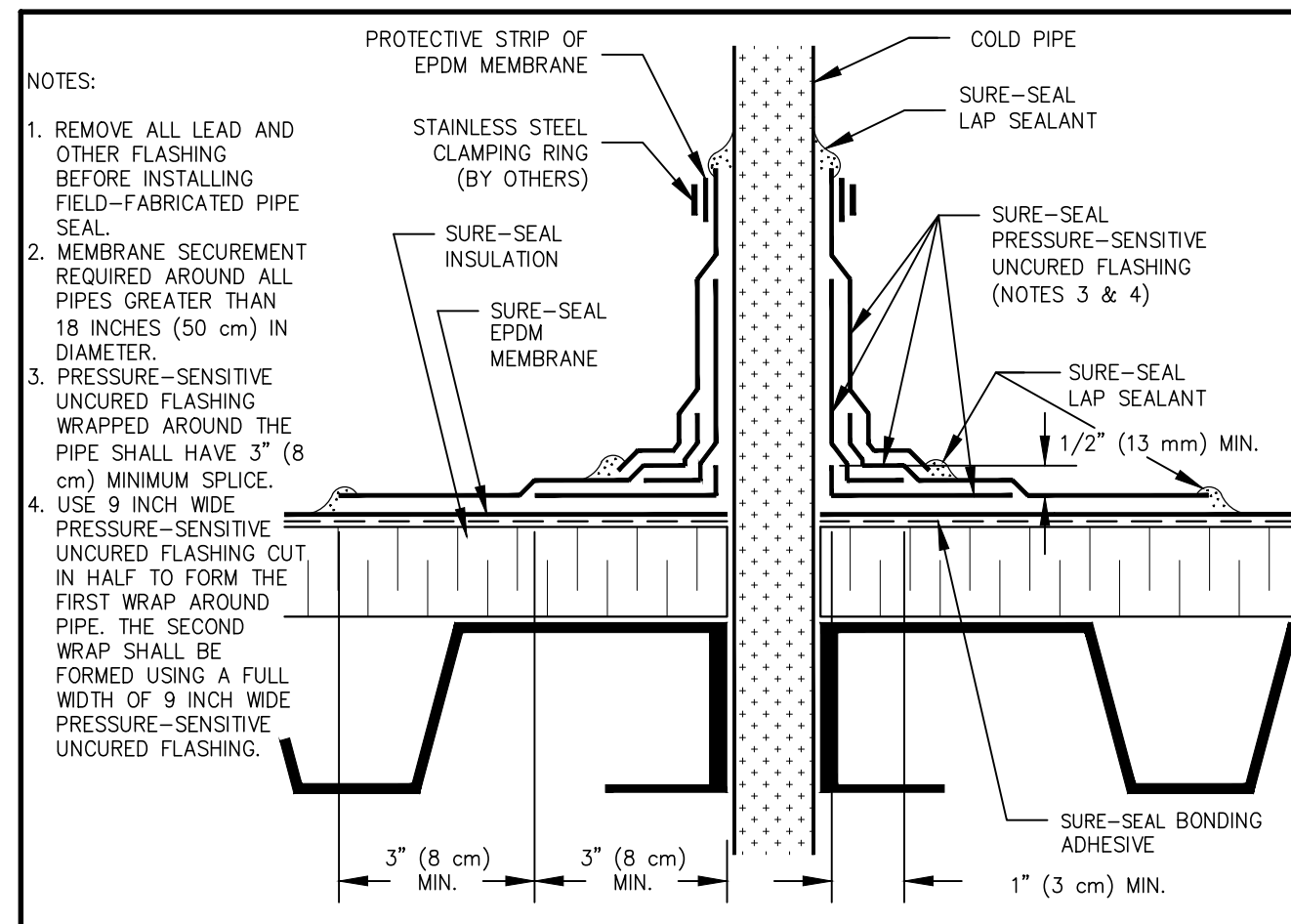
2 SCUPPER DETAIL
SCALE: 1"=1'-0"



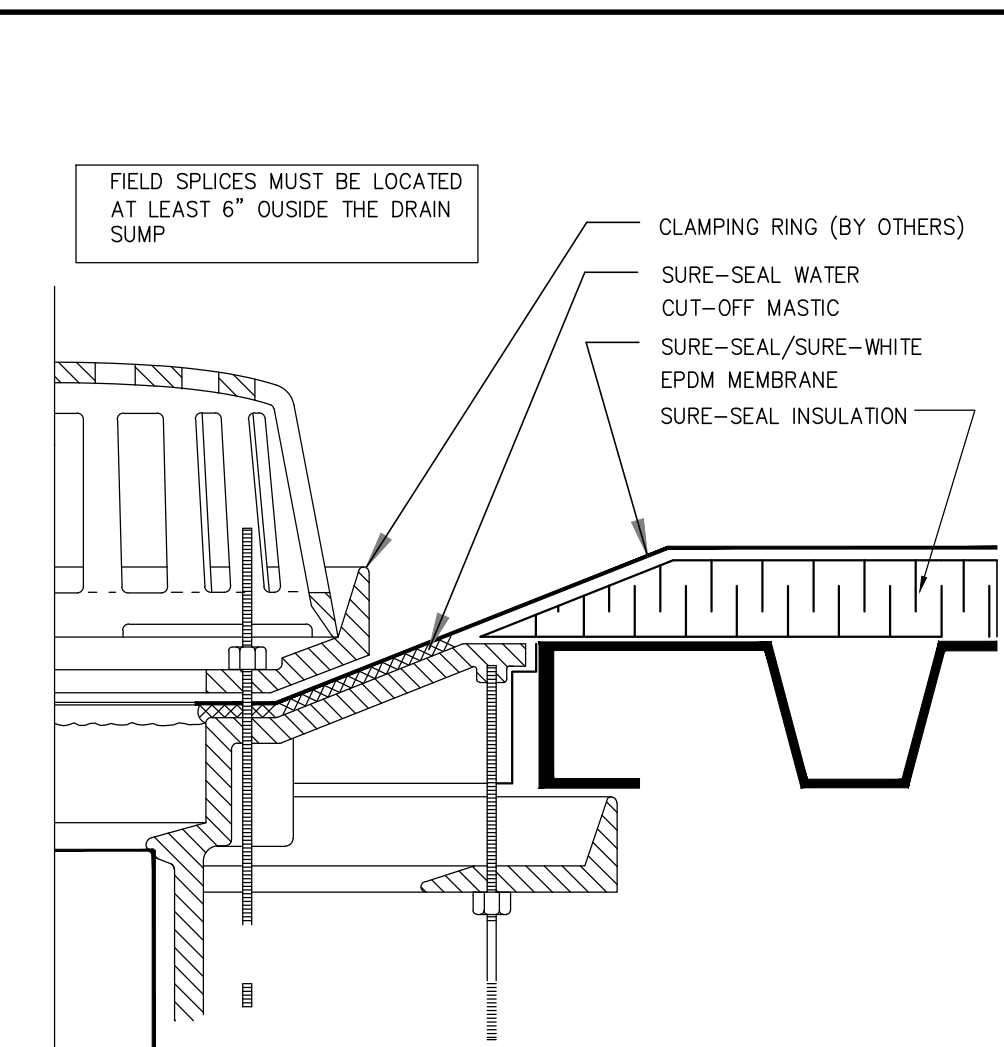
1 PARAPET RETURN DETAIL
SCALE: NTS



16 PARAPET CAP FLASHING (EPDM)
SCALE: N.T.S.

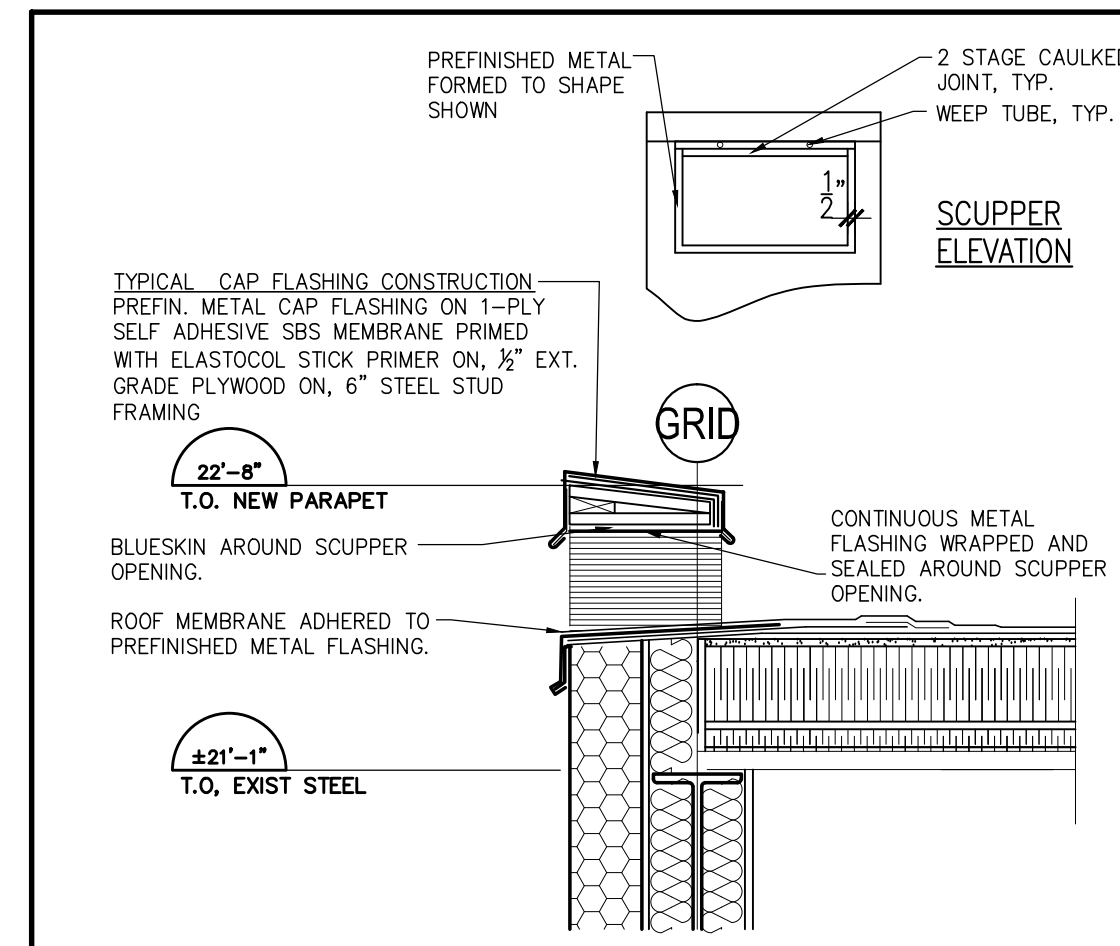


12 FIELD FABRICATED PIPE SEAL (EPDM)
SCALE: NTS

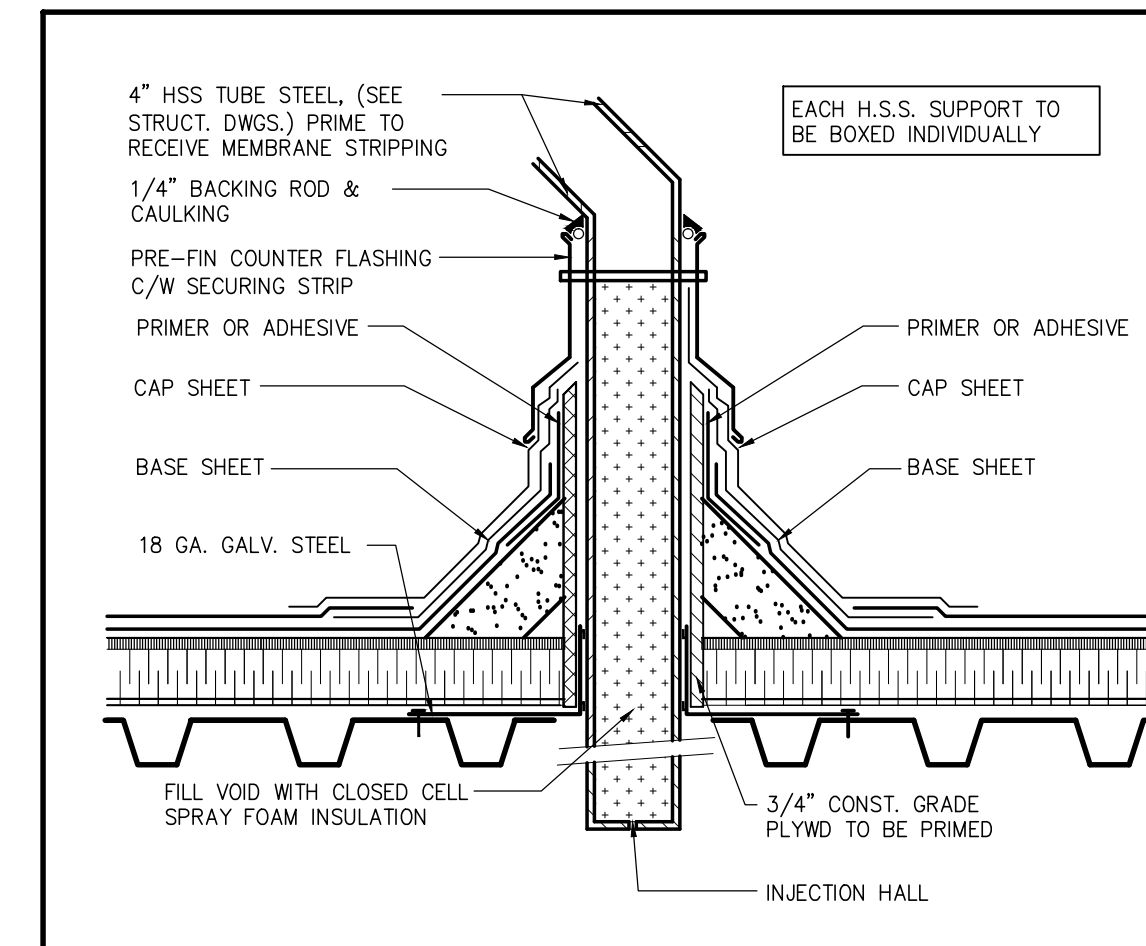


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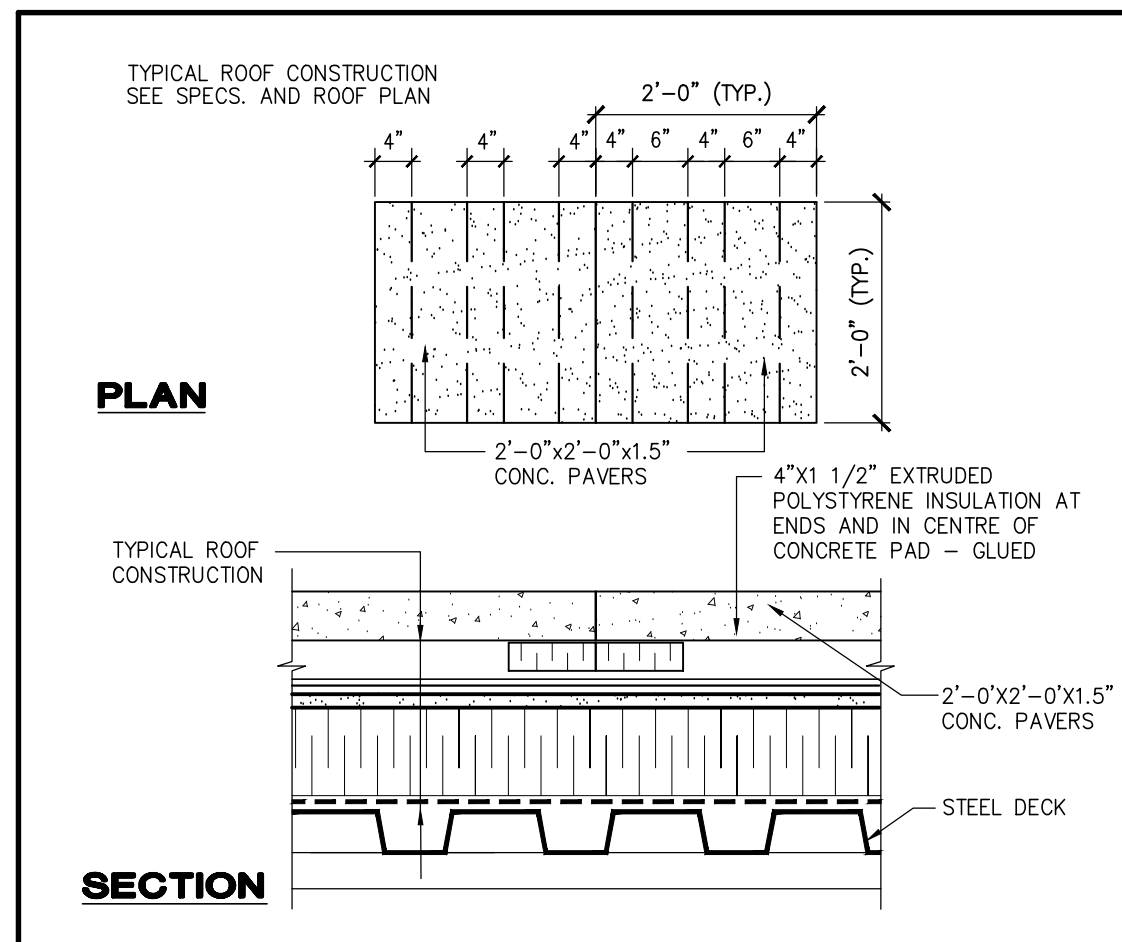
1. REMOVE ALL LEAD AND OTHER FLASHING.
2. ALL BOLTS OR CLAMPS MUST BE IN PLACE TO PROVIDE CONSTANT COMPRESSION ON WATER CUT-OFF MASTIC.
3. CUT THE MEMBRANE SO IT EXTENDS A MINIMUM OF 1/2" (13 mm) FROM THE ATTACHMENT POINTS OF THE DRAIN CLAMPING RING.
4. HOLE IN MEMBRANE MUST EXCEED SIZE OF DRAIN PIPE.
5. INSULATION TAPER SHALL NOT BE STEEPER THAN 6" (150 mm) (VERTICAL) IN 12" (300 mm) (HORIZONTAL).
6. ROOF DRAIN SIZE AND NUMBER OF DRAINS SHALL BE IN ACCORDANCE WITH LOCAL CODES.



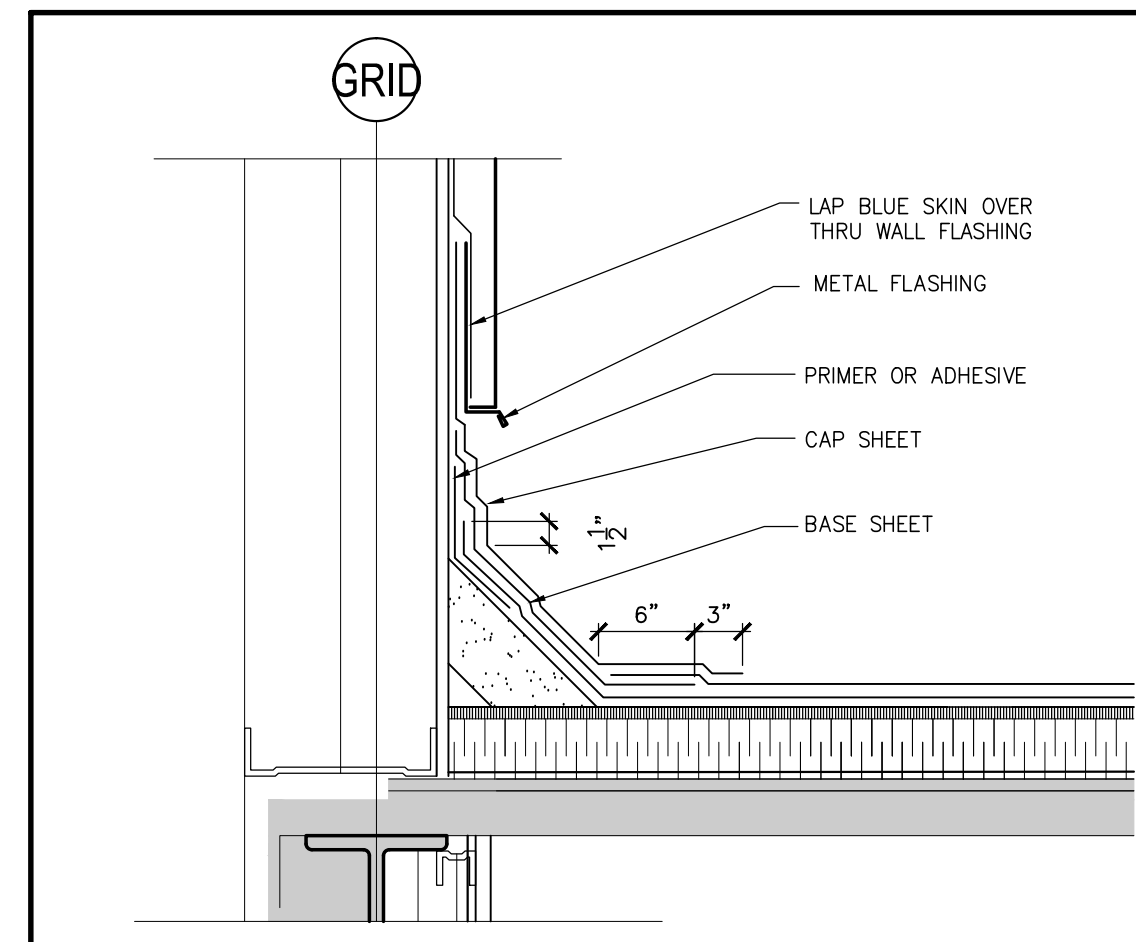
5 SCUPPER DETAIL (2-PLY)
SCALE: NTS



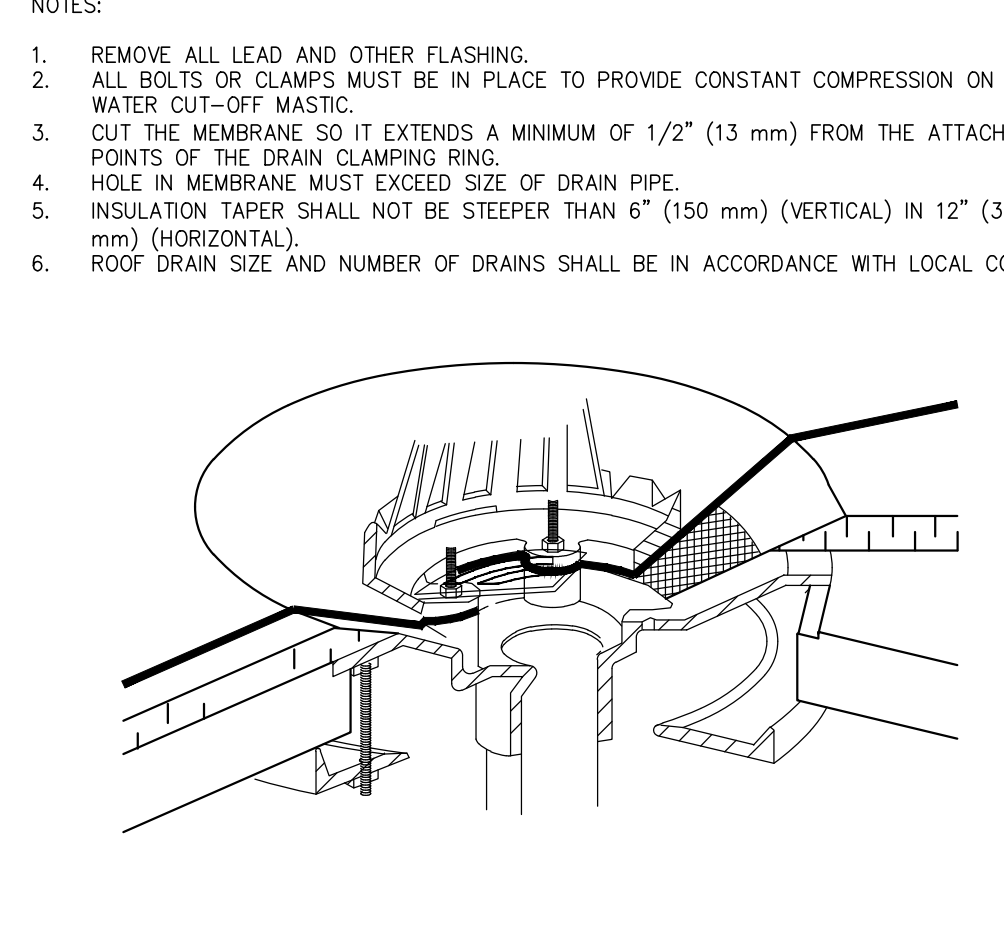
4 BRACING DETAIL (2-PLY)
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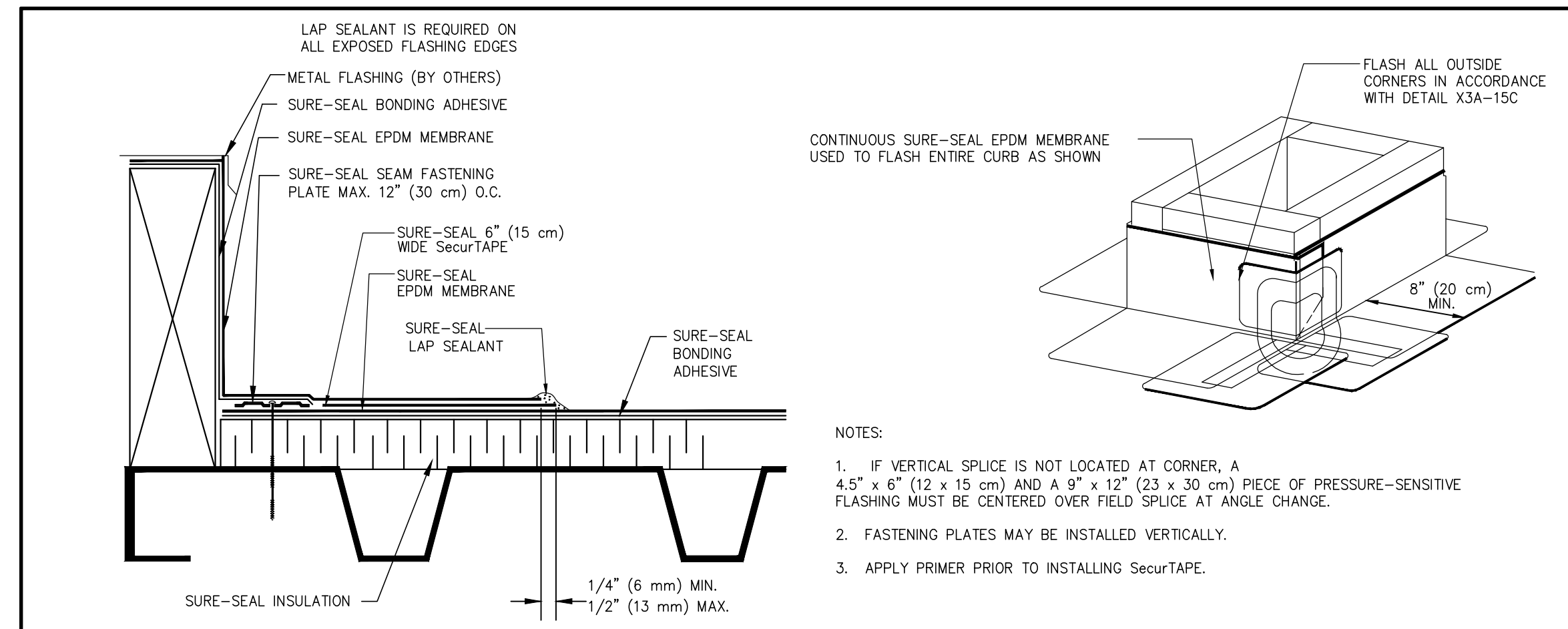
15 ROOF CONCRETE PAVER DETAIL (2-PLY)
SCALE: NTS



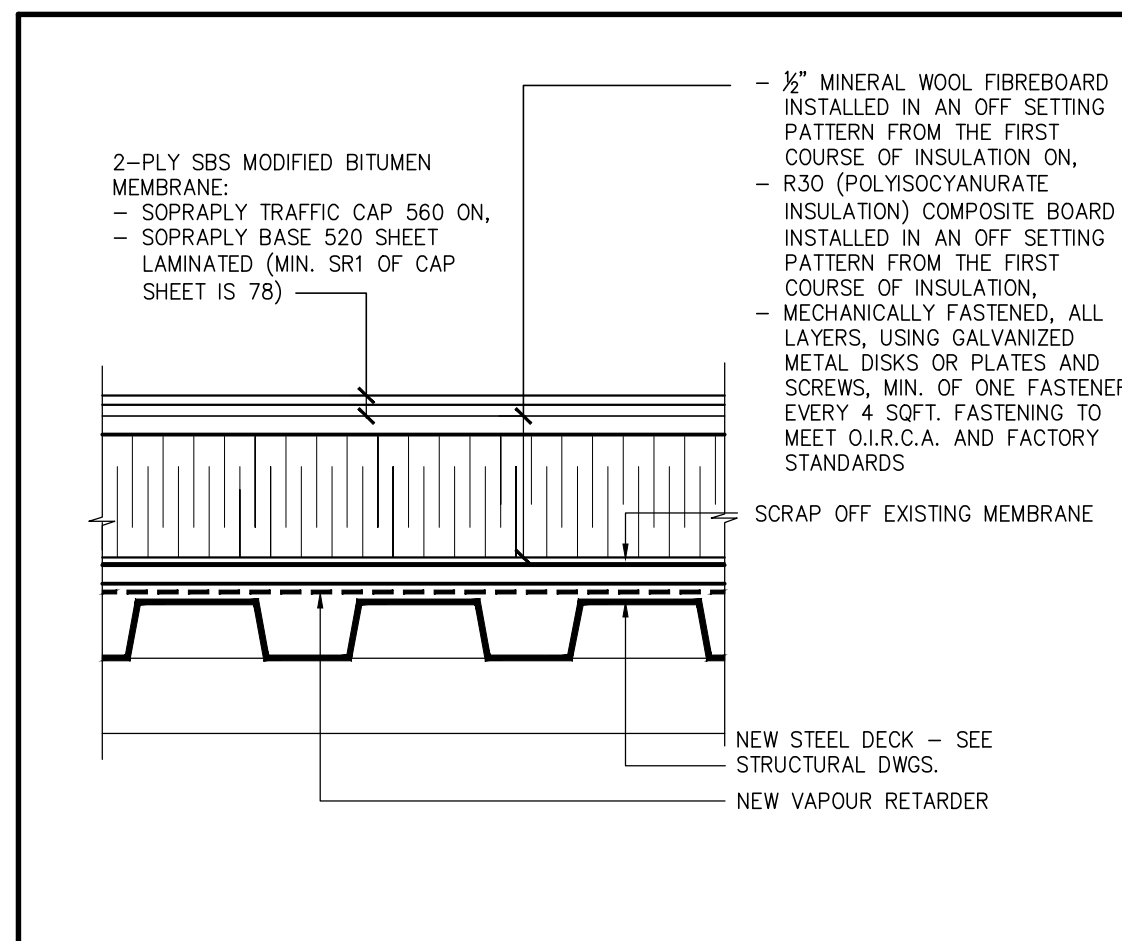
11 SECTION DETAIL (2-PLY)
SCALE: NTS



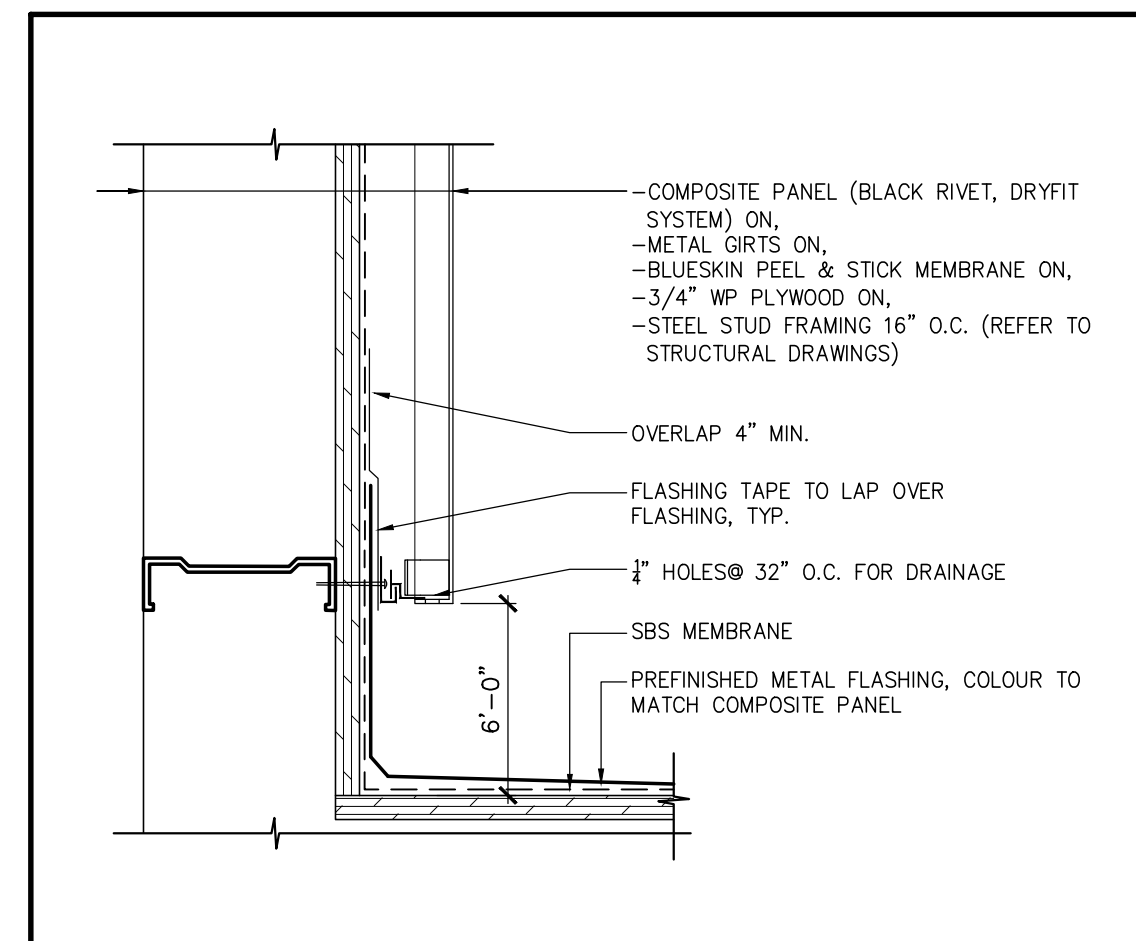
8 ROOF DRAINAGE DETAIL (EPDM)
SCALE: NTS



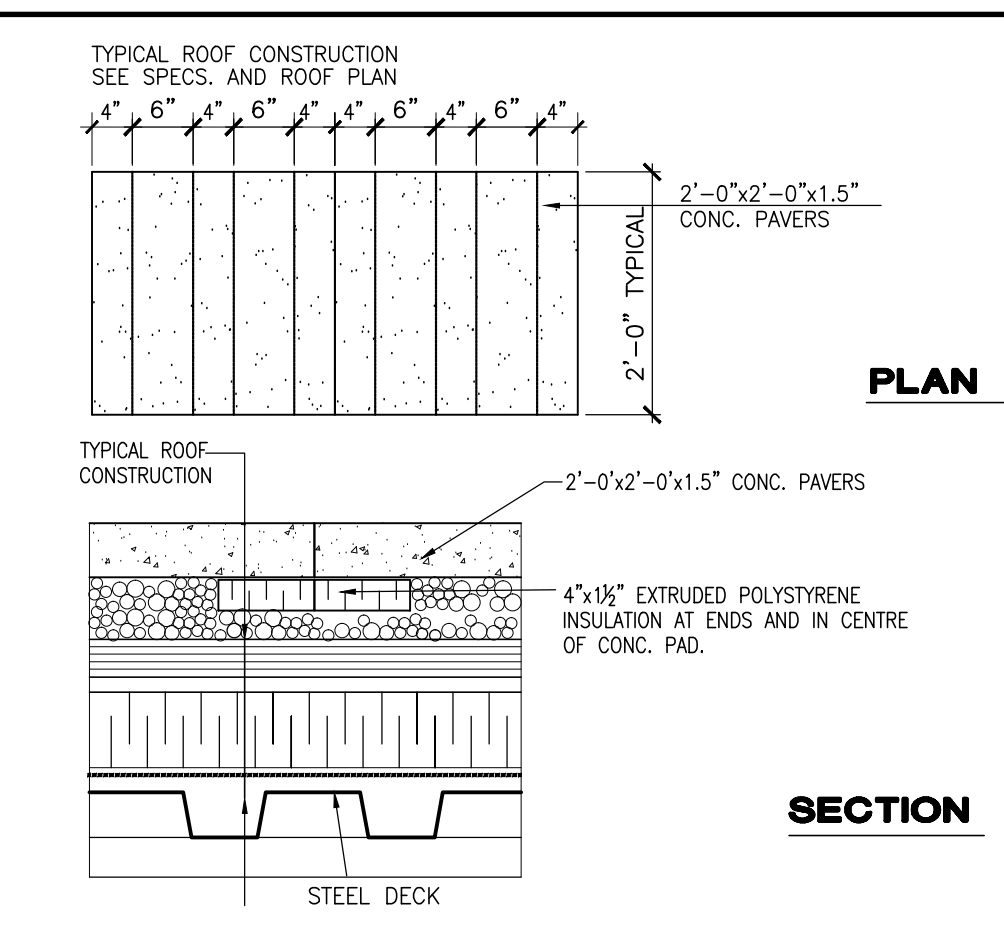
3 CURB FLASHING DETAIL (EPDM)
SCALE: N.T.S.



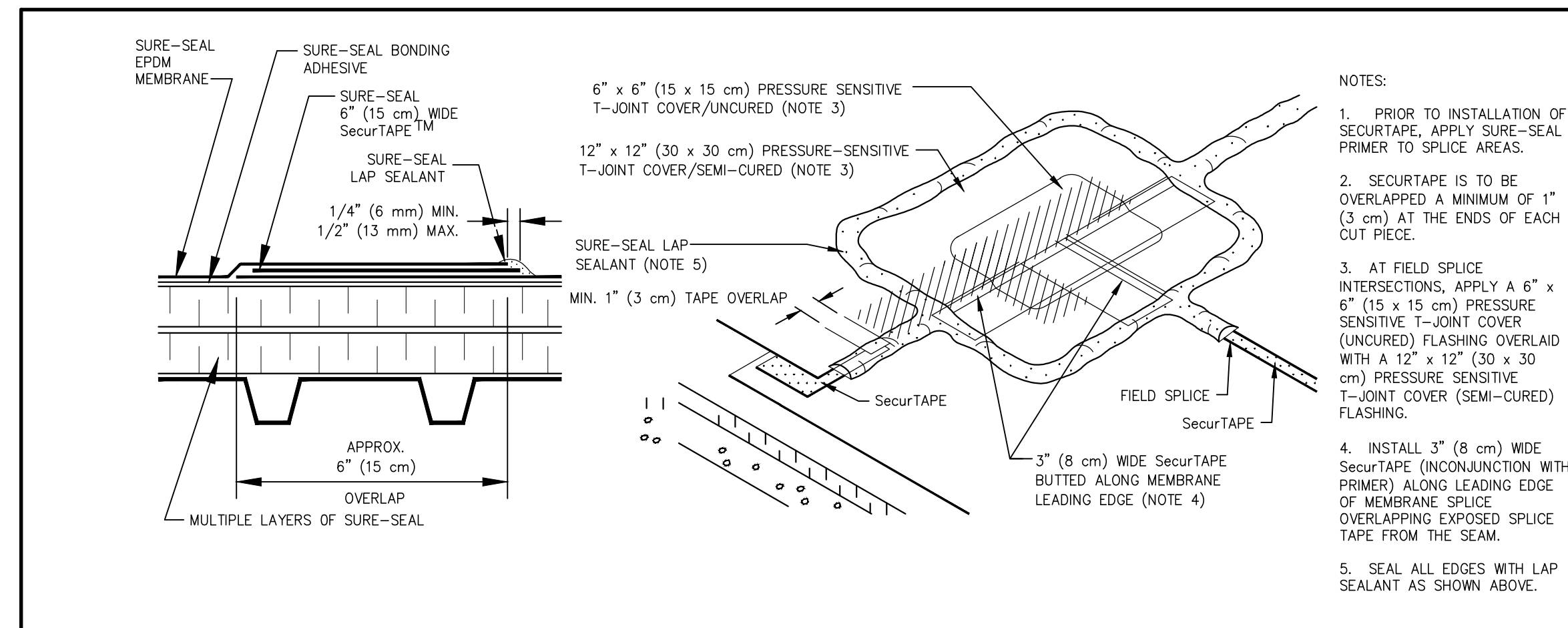
14 ROOFING DETAIL (2-PLY)
SCALE: N.T.S.



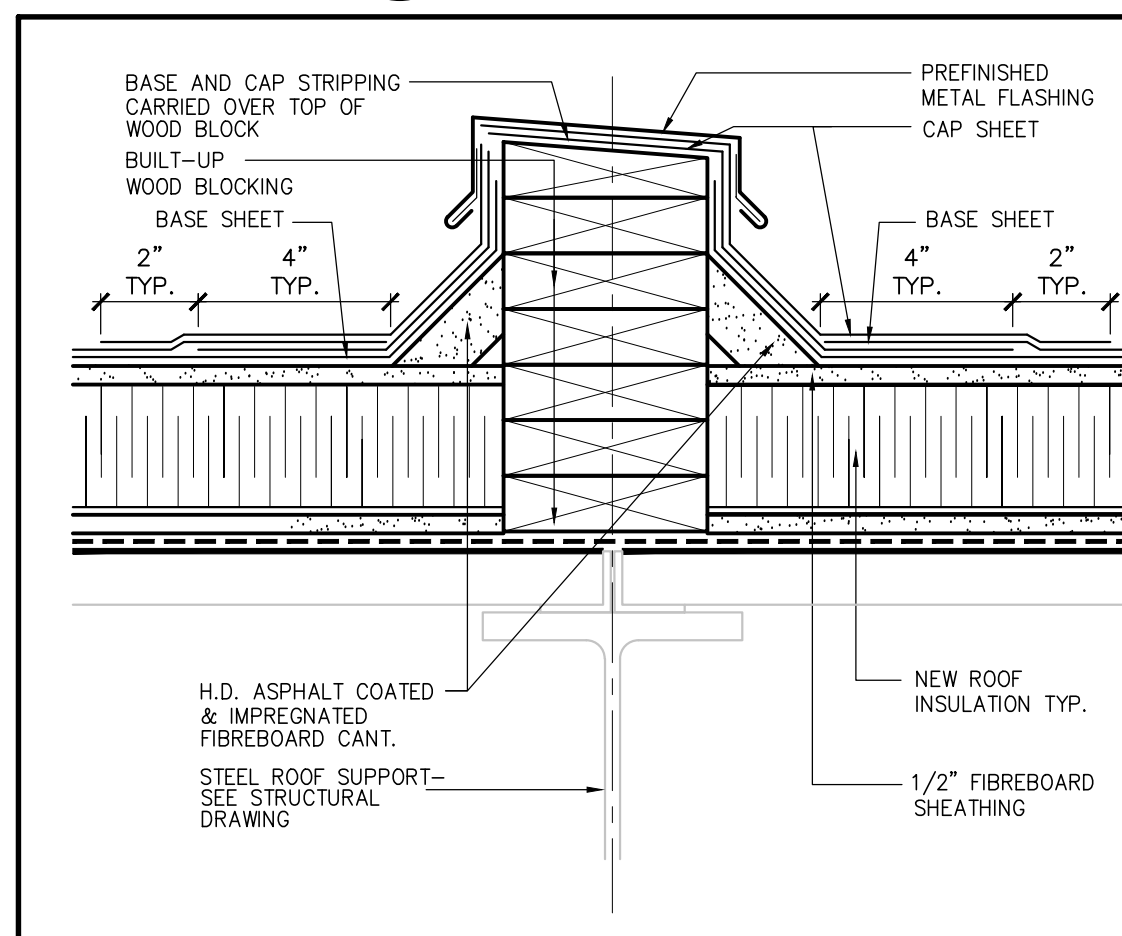
10 PARAPET SECTION DETAIL (2-PLY)
SCALE: NTS



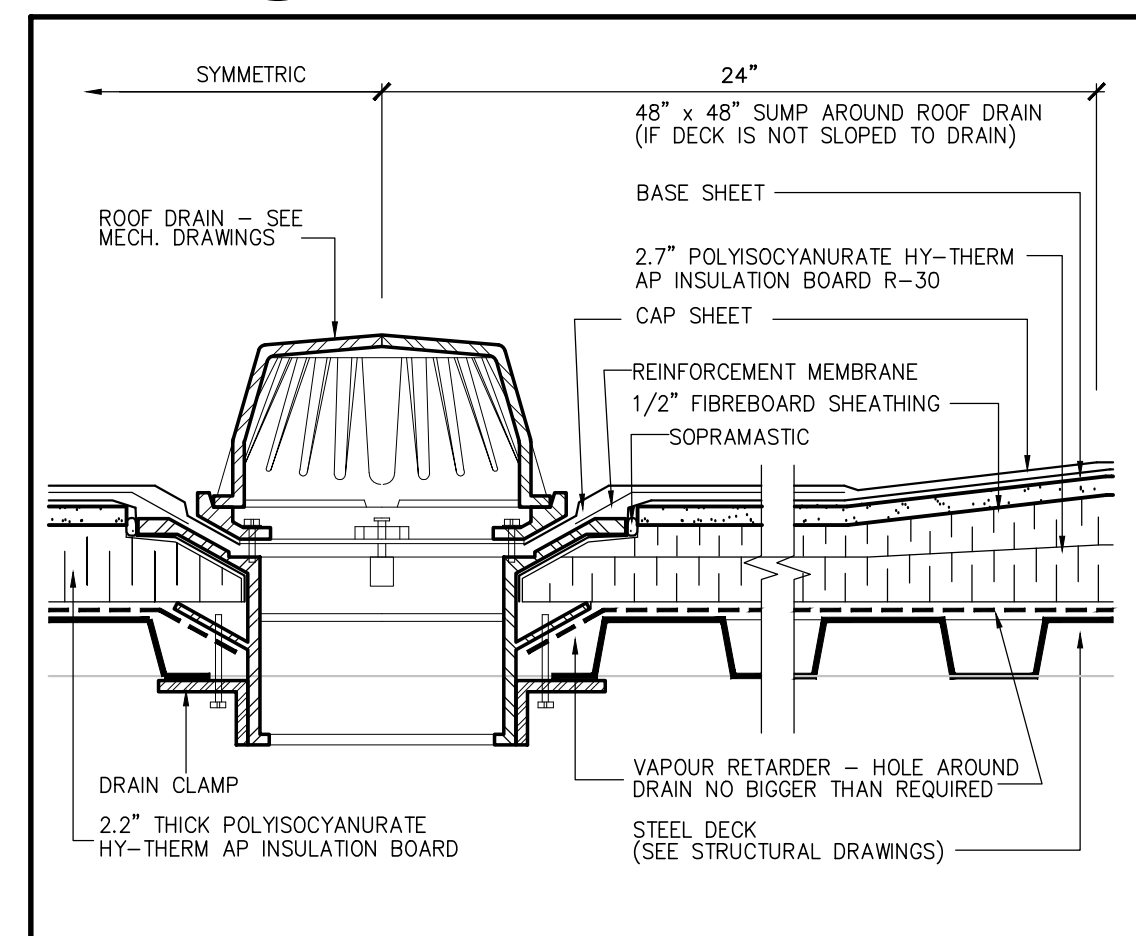
7 ROOF CONC. PAVER DETAIL (EPDM)
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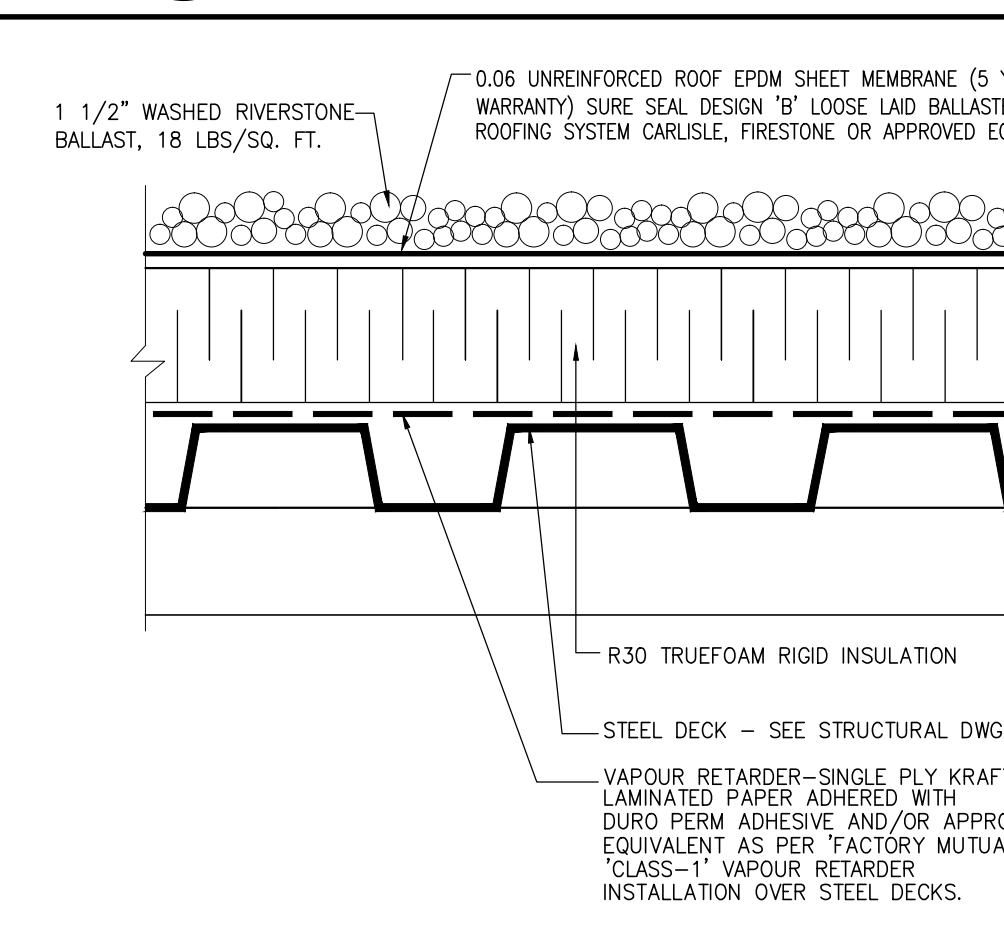
2 MEMBRANE SPLICE DETAIL (EPDM)
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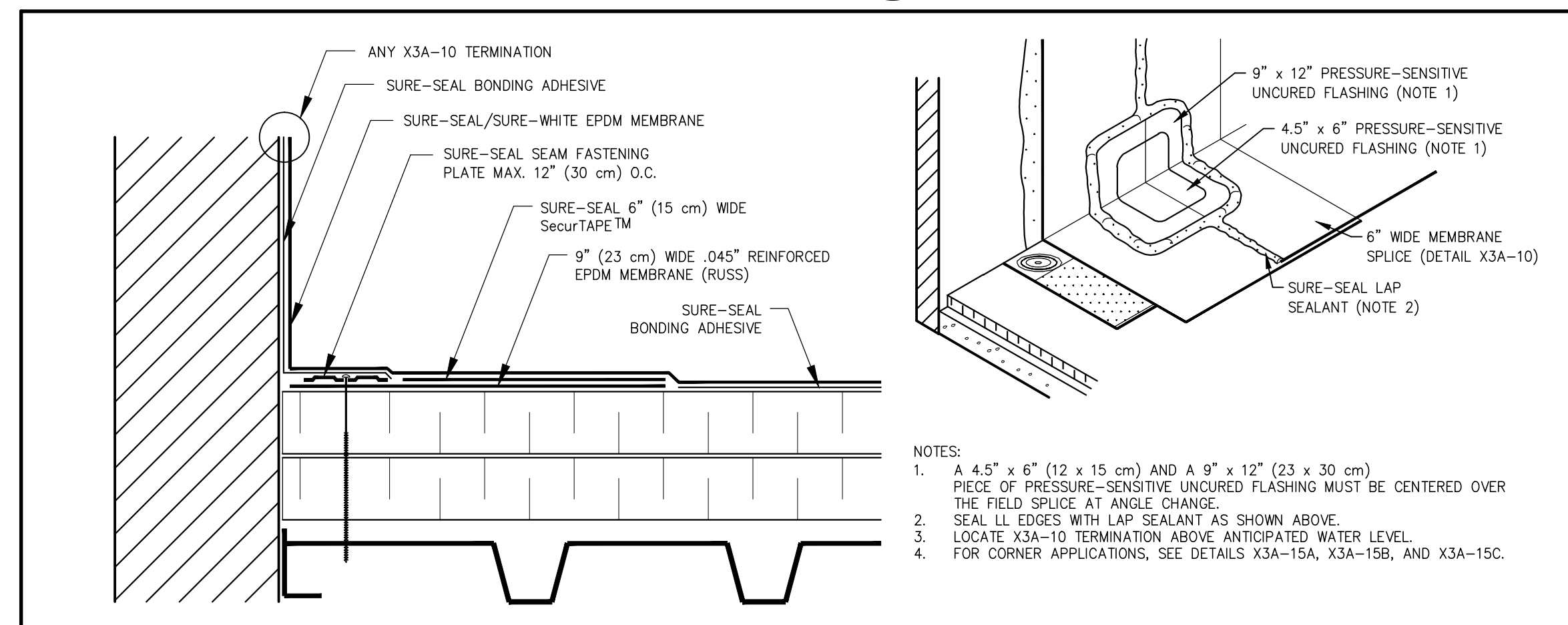
13 ROOF CURB DETAIL (2-PLY)
SCALE: N.T.S.



9 SECTION THRU ROOF DRAIN (2-PLY)
SCALE: NTS



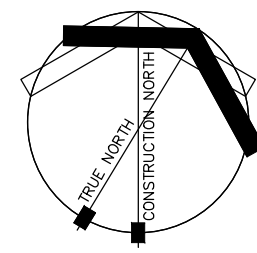
6 ROOF CONSTRUCTION DETAIL (EPDM)
SCALE: NTS



1 CONTINUOUS WALL FLASHING DETAIL (EPDM)
SCALE: N.T.S.

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1.6.2022



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AZ	MAR 30, 2022	REVIEW 1.2.2022

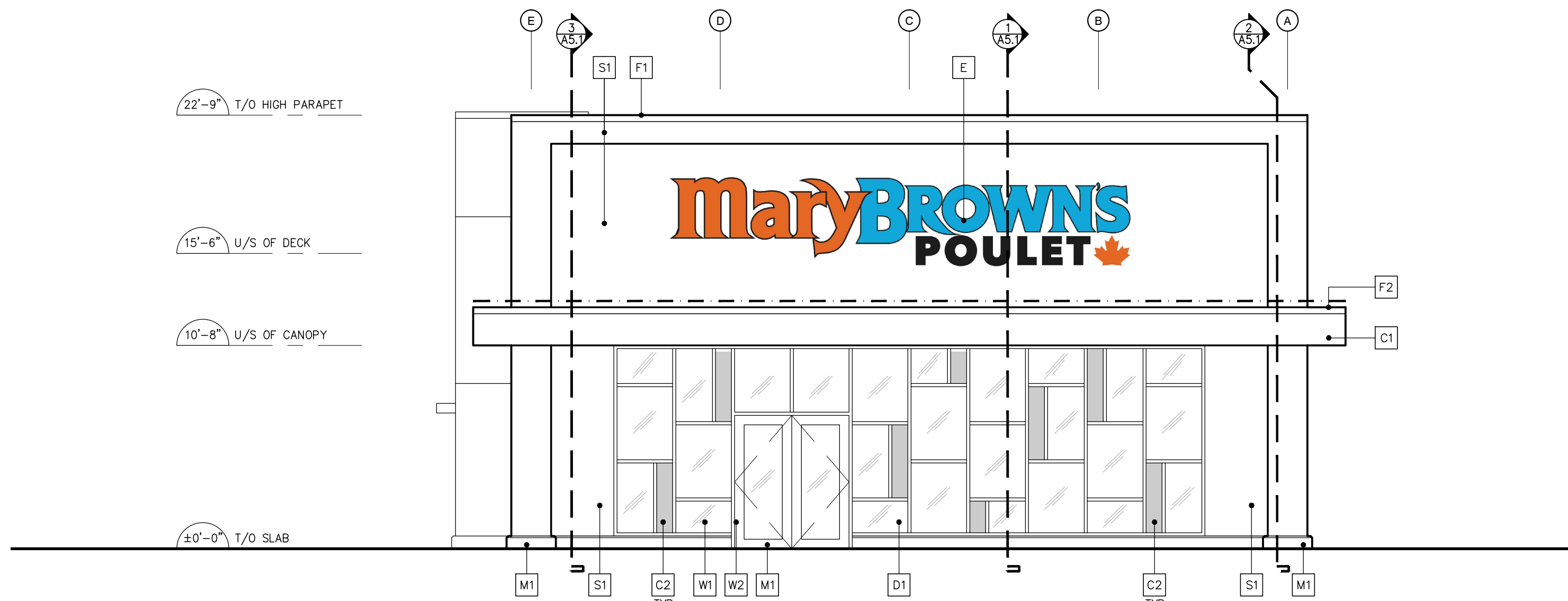
EXTERIOR ELEVATIONS
MARY BROWN'S POULET
PROTOTYPE
STREET NAME, CITY, PROVINCE

DATE:	MAR 2022
DRAWN BY:	
CHECKED BY:	AZ
COMM. NO.	(21-81)

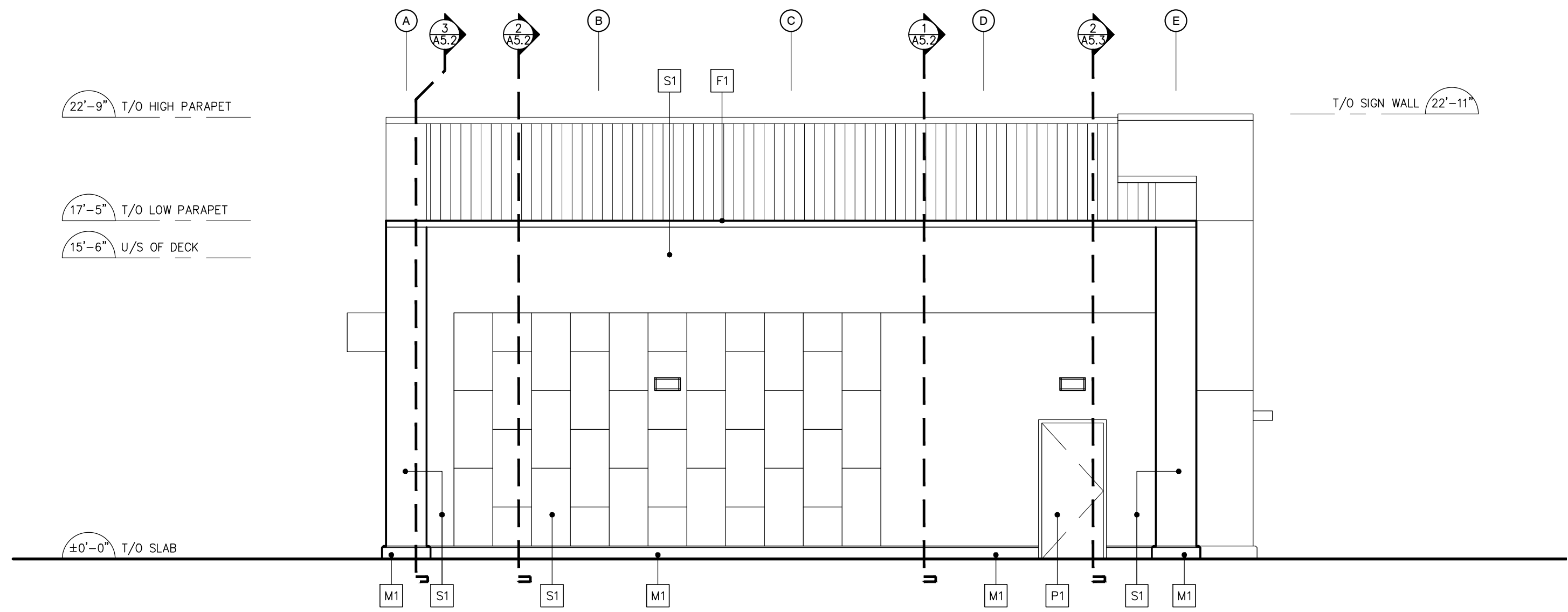
A4.0

CONTRACTOR SHALL CHECK AND VERIFY
ALL DIMENSIONS ON SITE.
DO NOT SCALE DRAWINGS.

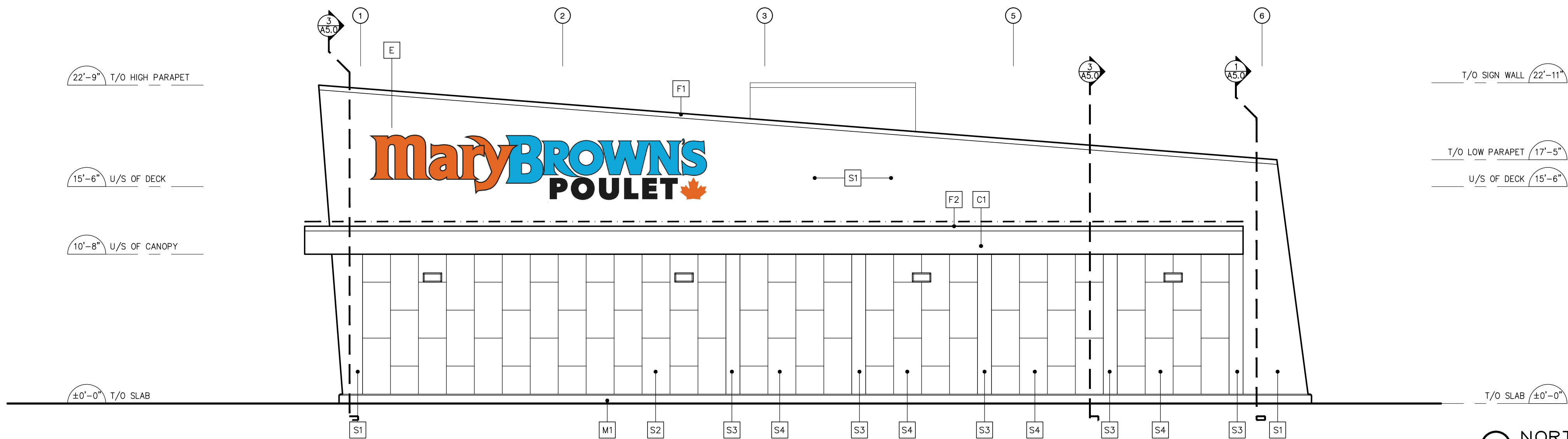
LEGEND: EXTERIOR FINISHES			
M1	8" HIGH (NOMINAL) PRECAST CONCRETE SILL IN 8'-0" LENGTHS C/W RE-BAR AS REQUIRED. ALL JOINTS TO BE REINFORCED AND CAULKED. INTERIOR ALL CORNERS. SMOOTH NATURAL FINISH, TYP.	C1	PRE-FINISHED 24 GA CORRUGATED METAL SIDING BY VOWEST, PROFILE #01 701SR "_____" OR APPROVED EQUAL.
S1	STUCCO FINISH, "_____" COLOR, SANDBLAST FINISH, BY DRYVIT SYSTEM CANADA.	C2	COMPOSITE PANEL INSERT, COLOR "ORANGE"
S2	STUCCO FINISH, "_____" COLOR, SANDBLAST FINISH, BY DRYVIT SYSTEM CANADA.	D1	CLEAR ANODIZED ALUMINUM DOOR C/W CLEAR GLAZING (SEE DOOR SCHEDULE).
S3	STUCCO FINISH, "_____" COLOR, SANDBLAST FINISH, BY DRYVIT SYSTEM CANADA.	F1	PRE-FINISHED METAL CAP FLASHING BY VOWEST, COLOR TO MATCH ADJACENT FINISH COLOR.
S4	STUCCO FINISH, "_____" COLOR, SANDBLAST FINISH, BY DRYVIT SYSTEM CANADA.	F2	PRE-FINISHED METAL CAP FLASHING BY VOWEST, COLOR TO MATCH ADJACENT FINISH COLOR.
P1	TYPICAL H.M. DOORS AND FRAMES: PAINTED -AS REQUIRED BY APPLICATION- H.M. DOOR & FRAME, EXTERIOR SIDE ONLY UNLESS OTHERWISE NOTED. REFER TO PLAN & SCHEDULE. COLOR TO MATCH ADJACENT FINISH COLOR.	E	ILLUMINATED SIGNAGE BY TENANT UNDER SEPARATE PERMIT, PROVIDE EMPTY CONDUIT WITH PULL STRING TO TENANT'S ELECT. PANEL. REFER TO 14/A7 (SEE ELECT.).
		W1	CLEAR ANODIZED ALUMINUM FRAMES C/W CLEAR GLAZING.
		W2	CLEAR ANODIZED ALUMINUM FRAME C/W SPANDREL PANEL.
G1	CONT. ALUMINUM SNOW GUARD C/ ROOF NEOPRENE GASKET AT MATERIAL CONNECTIONS BY ROOF EXPERTS OR APPROVED EQUAL. COLOR TO MATCH ADJACENT FLASHING. PROVIDE SHOP DRAWINGS INCLUDING CONNECTION DETAIL.	①	WALL MOUNTED LED LIGHT FIXTURE - ENTRI LED "ENV" (ROUND REVEALS) BY EATON COOPER INDUSTRIES. PREMIUM COLOR FINISH, REFER TO ELECTRICAL DRAWINGS FOR DETAILS.
		②	WALL MOUNTED LED LIGHT FIXTURE - CWC GALLEON WALL LED BY EATON COOPER INDUSTRIES. PREMIUM COLOR FINISH, REFER TO ELECTRICAL DRAWINGS FOR DETAILS.
			<p>/// DENOTES GLAZING - TYPICAL</p> <p>SP DENOTES SPANDREL GLAZING - TYPICAL</p> <p>HCJ HORIZONTAL CONTROL JOINT, REFER TO X/A.</p> <p>ECJ EIFS CONTROL JOINT, REFER TO X/A.</p> <p>● BARRIER-FREE PUSH BUTTON PUSH BUTTON TO HAVE NO FACE DIMENSION LESS THAN 6" DIA. OR 2' x 4" RECTANGULAR, BE LOCATED 3'-6" AFF TO CENTERLINE & NOT LESS THAN 2'-0" AND NOT MORE THAN 4'-11" BEYOND THE DOOR SWING WHERE THE DOOR OPENS TOWARDS THE CONTROL. CONTAIN THE SIGN INCORPORATING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY & MEET ALL REQUIREMENTS OF THE O.B.C. & AUTHORITIES HAVING JURISDICTION.</p> <p>■ BARRIER FREE ACCESSIBILITY DECAL TO BE SUPPLIED & INSTALLED BY THIS CONTRACTOR</p>



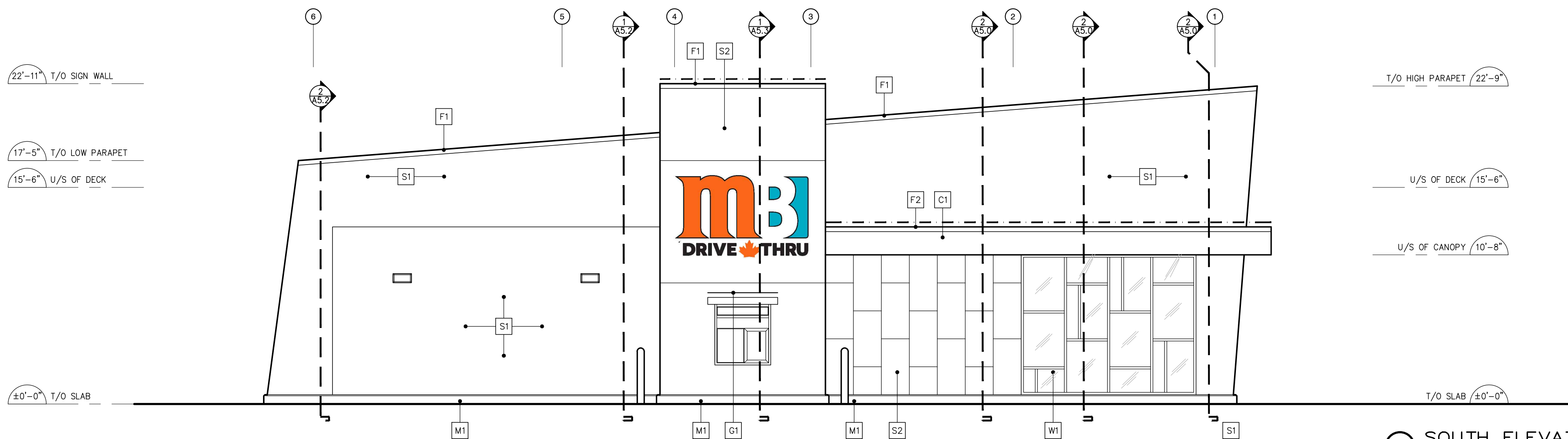
4 EAST ELEVATION
SCALE: 3/16"=1'-0"



3 WEST ELEVATION
SCALE: 3/16"=1'-0"



② NORTH ELEVATION
SCALE: 3/16"=1'-0"



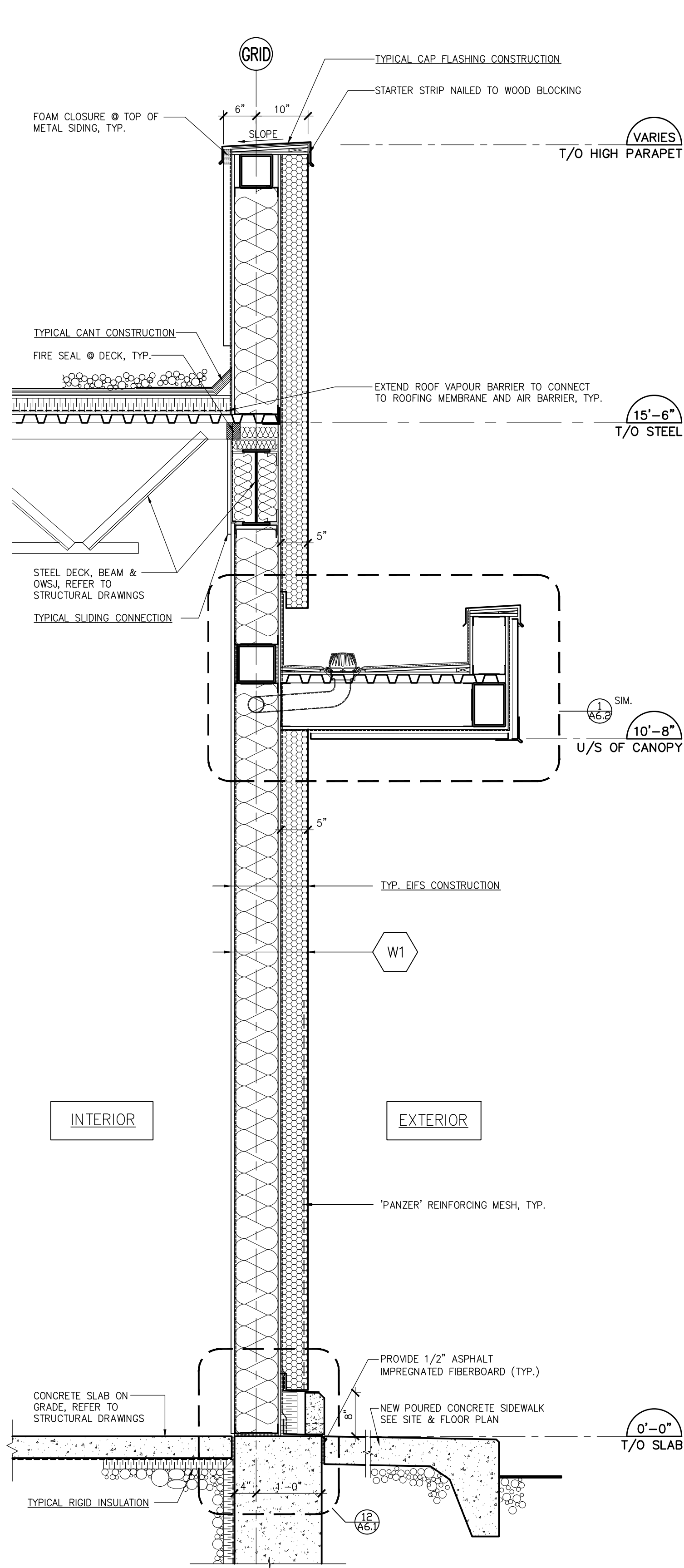
1 SOUTH ELEVATION
SCALE: 3/16"=1'-0"

ELEVATION NOTES:

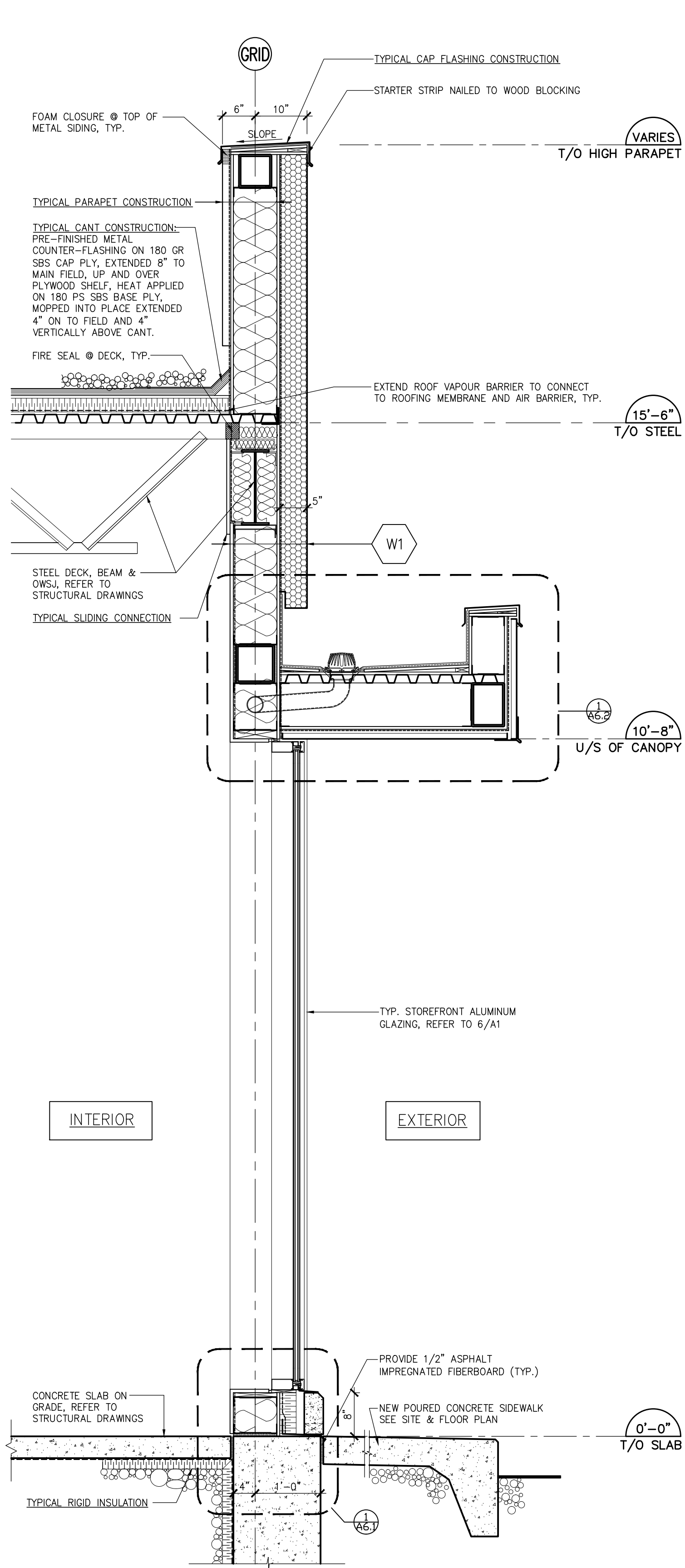
1. PROVIDE PLYWOOD BACKING AT SIGN LOCATIONS AS PER DETAIL 15/A-6.0, EXTENT OF PLYWOOD TO BE COORDINATED TO SUIT TENANT'S SIGNAGE REQUIREMENTS, TYPICAL.
2. FOR STRUCTURAL STEEL SUPPORT SEE STRUCTURAL DRAWINGS.
3. THE EIFFS ASSEMBLY INCLUDING THE AIR BARRIER (MARKED ALSO AS "STUCCO FINISH") IS DESIGNED AS DUAL BARRIER DRAINING SYSTEM WITH MIN. 1" OF SPACE. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENSURE THAT DRYVET SYSTEMS CANADA CARRIES OUT PERIODIC INSPECTIONS TO ENSURE THAT SYSTEM INSTALLATION COMPLIES AND MEETS THE DESIGN CRITERIA, DRYVET STANDARDS AND THE PERFORMANCE REQUIREMENTS. FINAL ACCEPTANCE OF THE EIFFS SHALL BE ISSUED BY DRYVET AT COMPLETION OF CONSTRUCTION.
4. GENERAL CONTRACTOR TO ENSURE ALIGNMENT OF MASONRY CONTROL JOINTS WITH EIFFS CONTROL JOINTS. ANY MISALIGNMENT WILL BE REJECTED.
5. CONTRACTOR TO GRIND CLEAN ANY ACCESS CONCRETE ON FOUNDATION WALL AND FILL IN VOIDS (WITH AN EPOXY BASE FILLER), DUE TO FORMING, AND PAINT USING DEMANDER BY DRYVET.
6. PROVIDE HORIZONTAL EXPANSION JOINTS AT UNDERSIDE OF ALL BEAMS AND VERTICAL/VERTICAL CONTROL JOINTS AT CONNECTION OF DISSIMILAR SHEATHINGS.
7. AT ALL WALL MOUNTED LIGHT FIXTURES PROVIDE ABOVE MOUNTING BRACKET TO BE USED TO COORDINATE GYPSUM BOARD, MASONRY, EIFFS AND ELECTRICAL SUB TRADES.
8. ENSURE OF BOTTOM CAVITY TO BE FREE OF MORTAR DROPPINGS AND EIFFS BOARD STUFF. SHOULD BLOCKING OCCUR OR BE OBSERVED ON SITE, HAVE PERSONNEL REMOVE BLOCKING, REMOVE EVERY THIRD BLOCK, CLEAN BOTTOM OF CAVITY AND RENSTATE MASONRY UNITS - TYP.
9. PROVIDE PHYSICAL SAMPLES - 4 MIN. OF ALL EXTERIOR FINISHES FOR REVIEW AND APPROVAL.

BIRD DETERRENT SHOCK TRACK SYSTEM

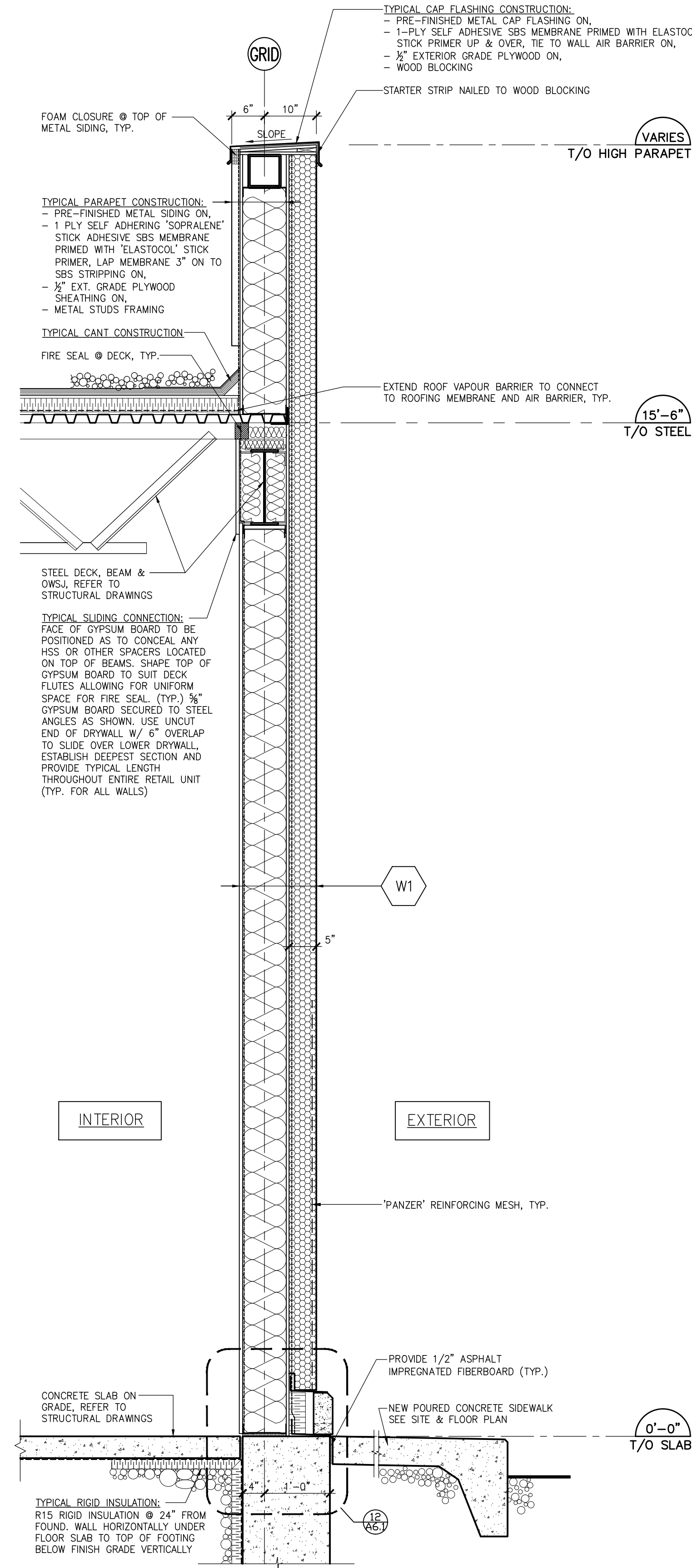
SUPPLIED BY GRAYBAR
INSTALL ON PARAPET UNDER CANOPY W/ 110V
CHARGER. INSTALL PER MANUFACTURERS
RECOMMENDATIONS. REFER TO ELECTRICAL DRAWINGS.



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



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



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

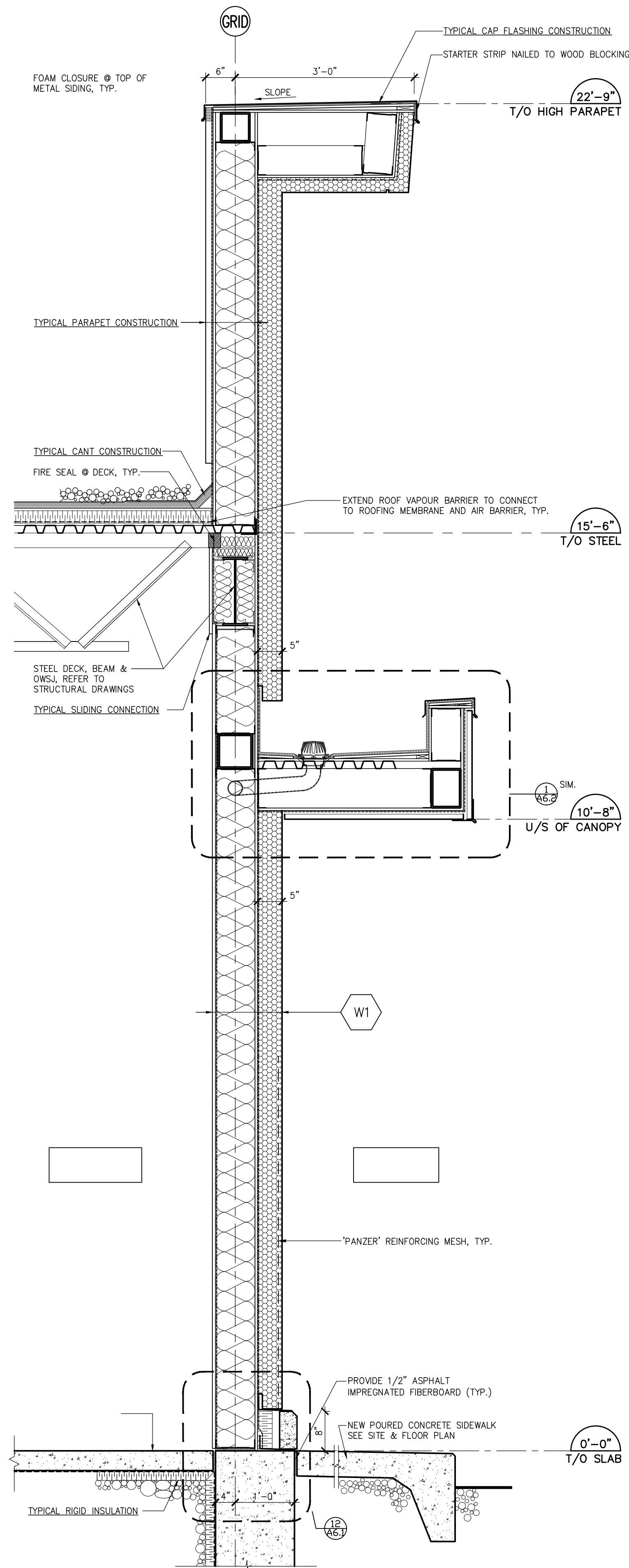
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A2	MAY 18 2022	REVIEW 1.6.2022
A2	MAY 12 2022	REVIEW 1.3.2022
A2	MAY 6 2022	REVIEW 1.4.2022
A2	APR 28 2022	REVIEW 1.3.2022
A2	MAY 30 2022	REVIEW 1.2.2022

WALL SECTIONS
MARY BROWNS POULET
PROTOTYPE
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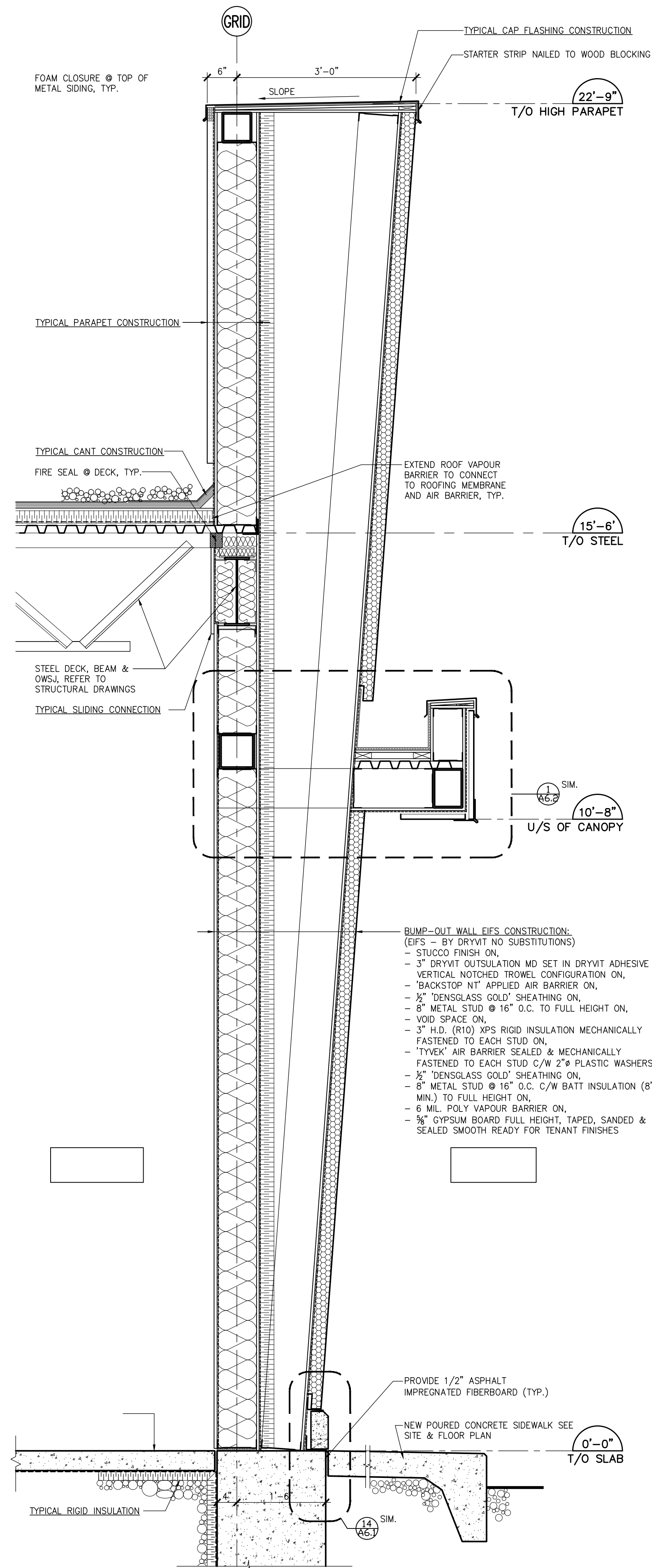
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DRAWN BY:
CHECKED BY: AZ
COMM. NO. (21-81)

A5.0

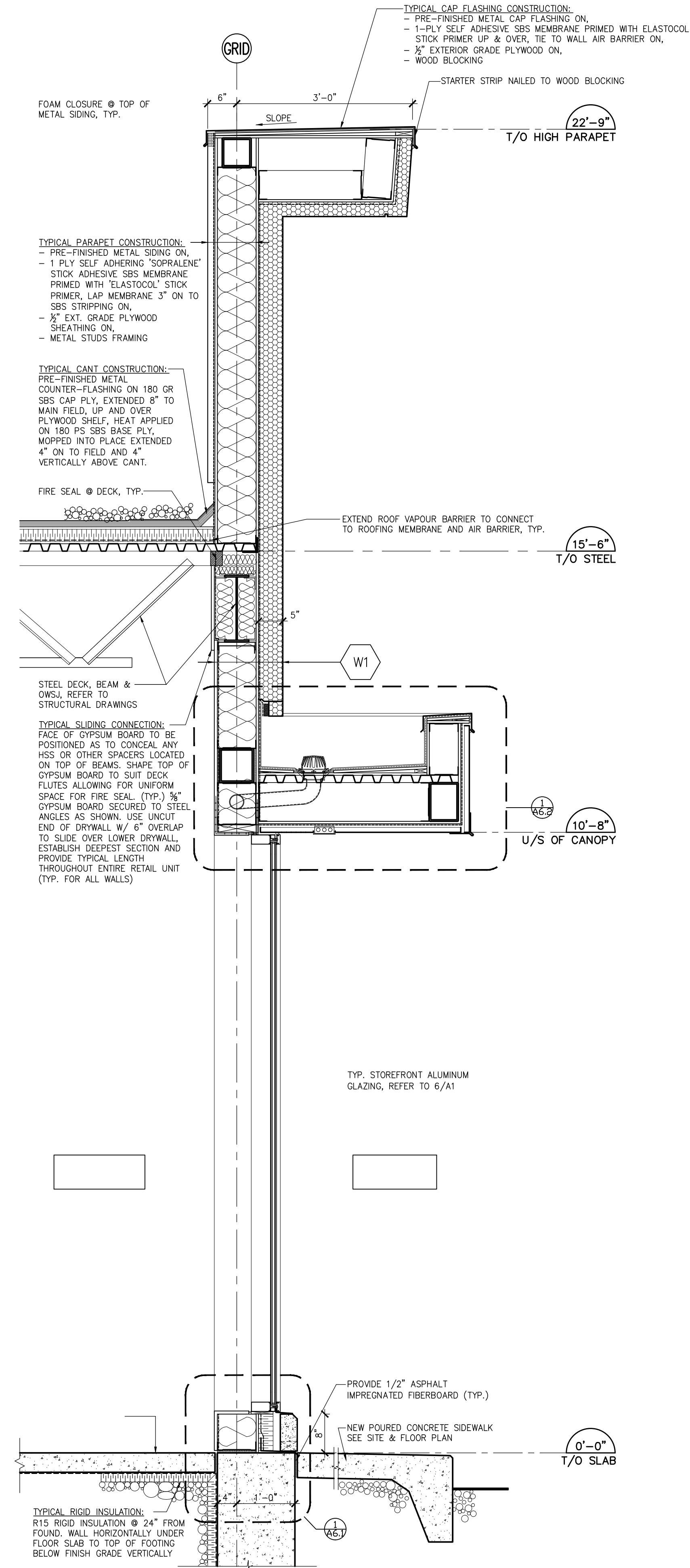
CONTRACTOR SHALL CHECK AND VERIFY
ALL DIMENSIONS ON SITE
DO NOT SCALE DRAWINGS.



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



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



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

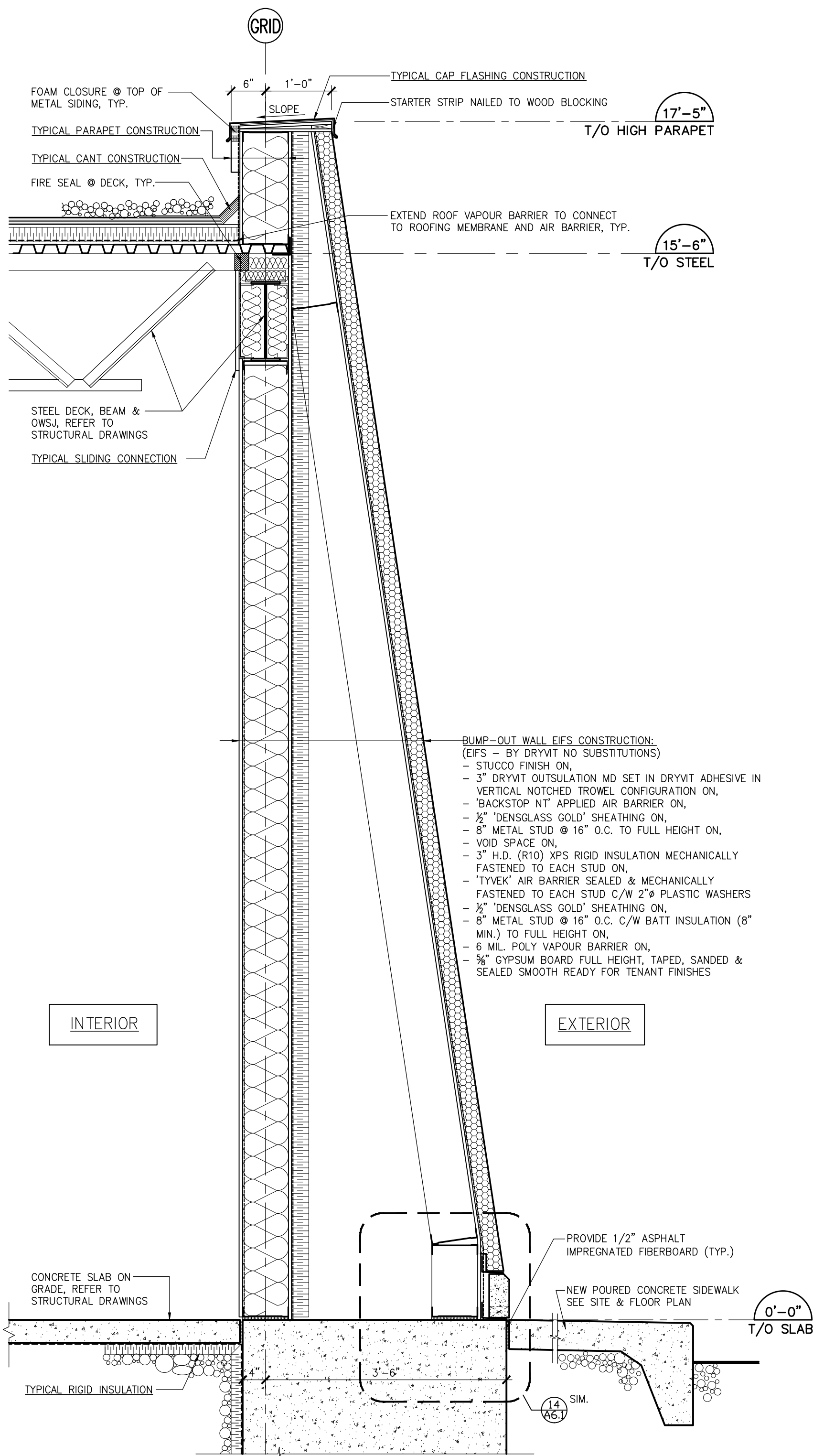
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WALL SECTIONS
MARY BROWNS POULET
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STREET NAME, CITY, PROVINCE

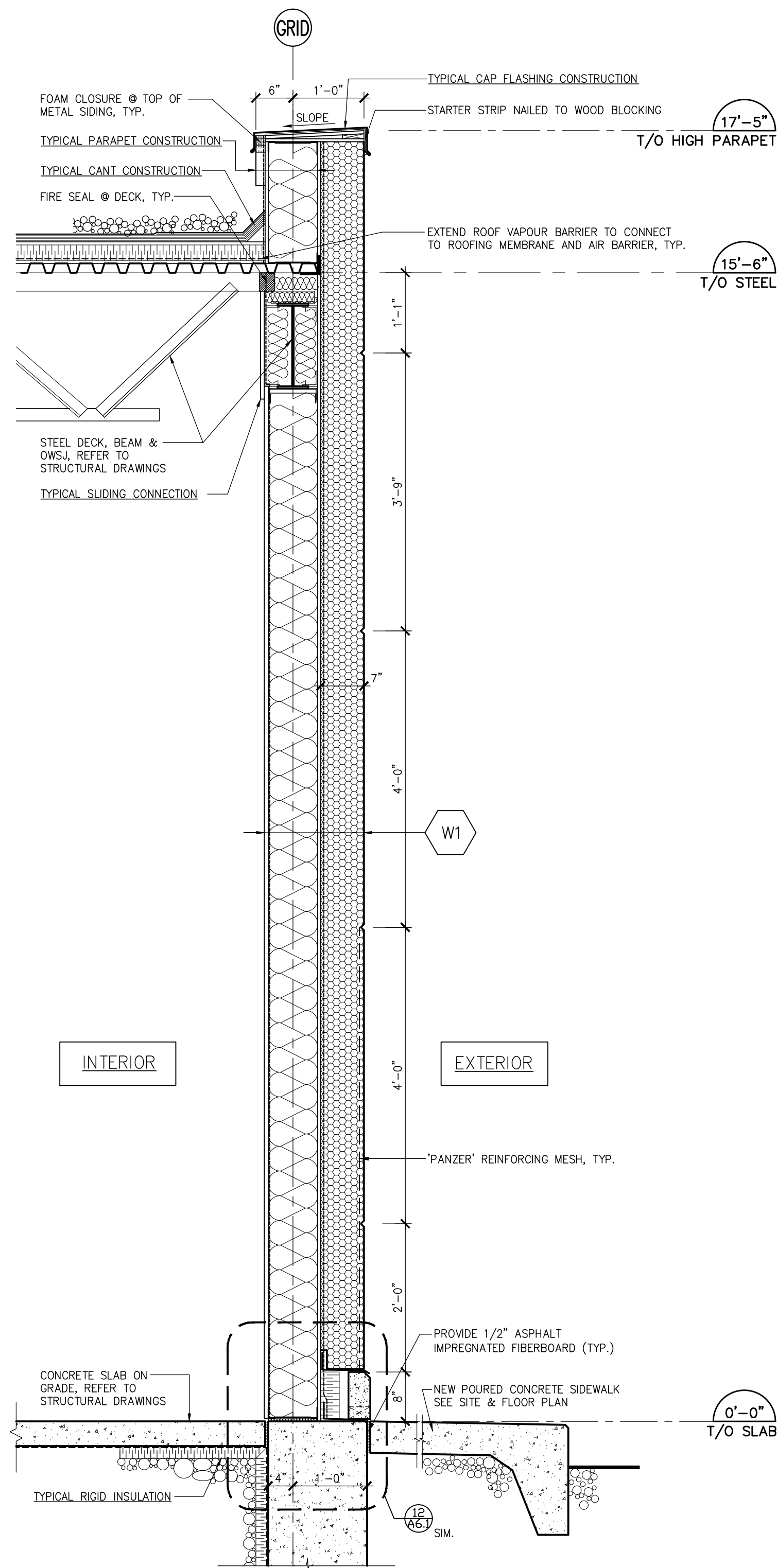
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A5.1

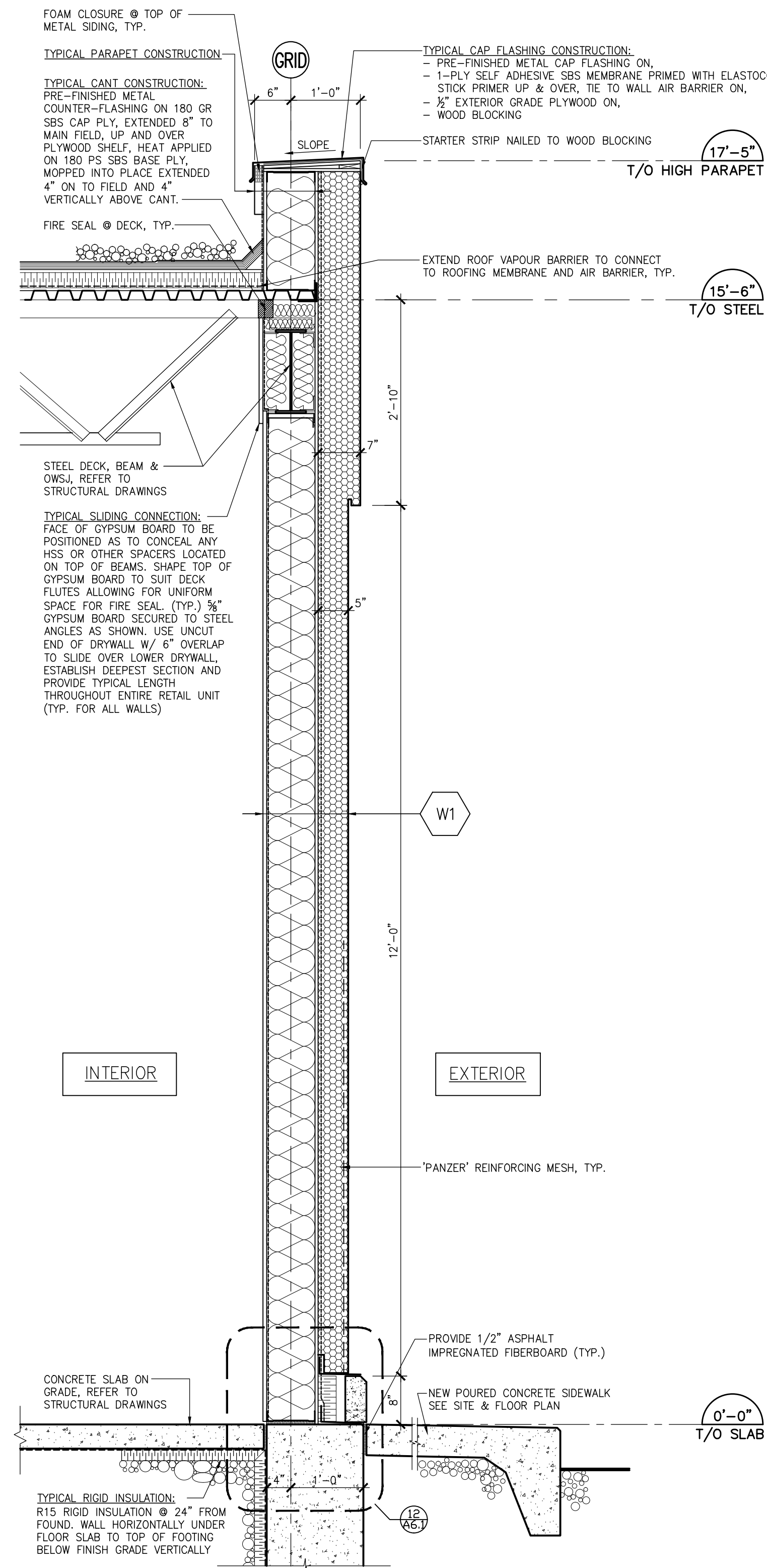
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3 WALL SECTION
SCALE: 3/4" = 1'-0"



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



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

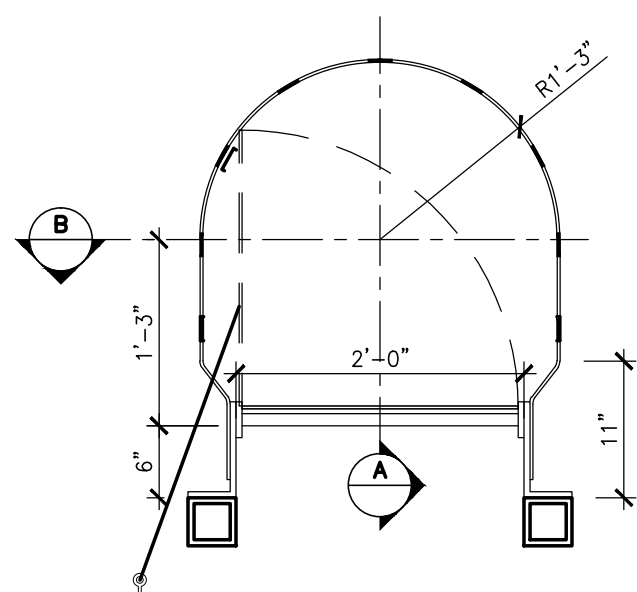
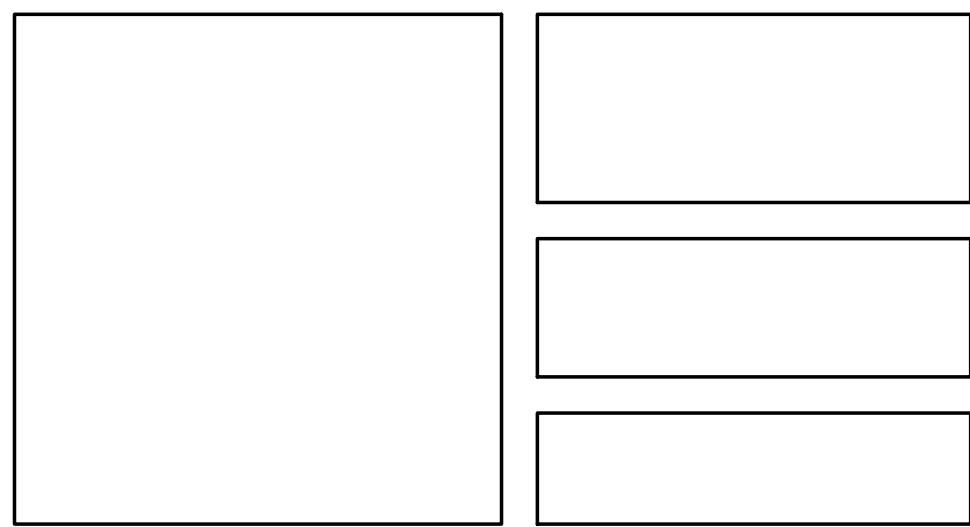
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WALL SECTIONS
MARY BROWNS POULET
PROTOTYPE
STREET NAME, CITY, PROVINCE

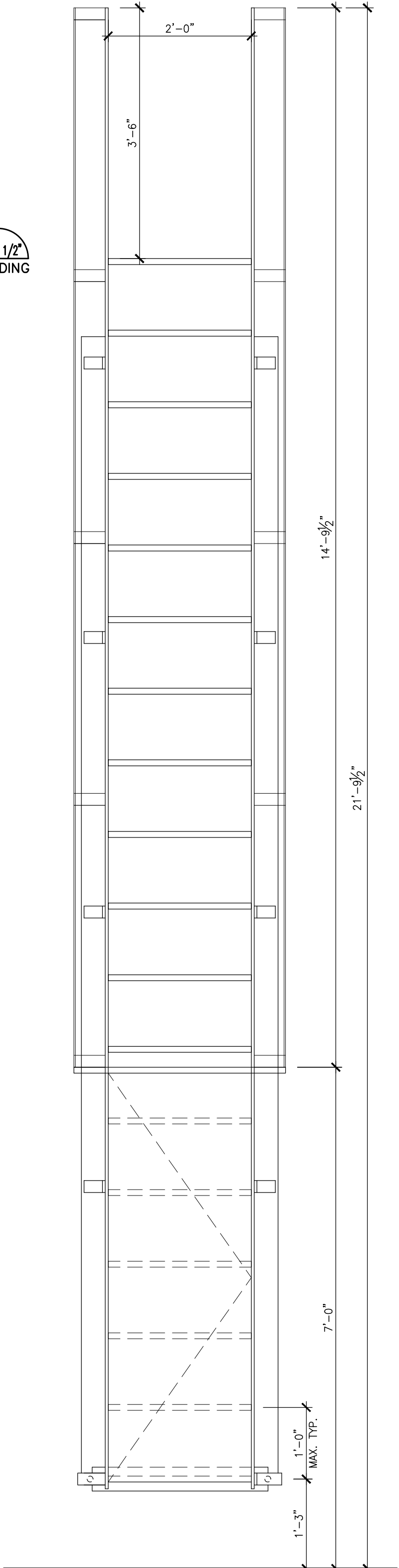
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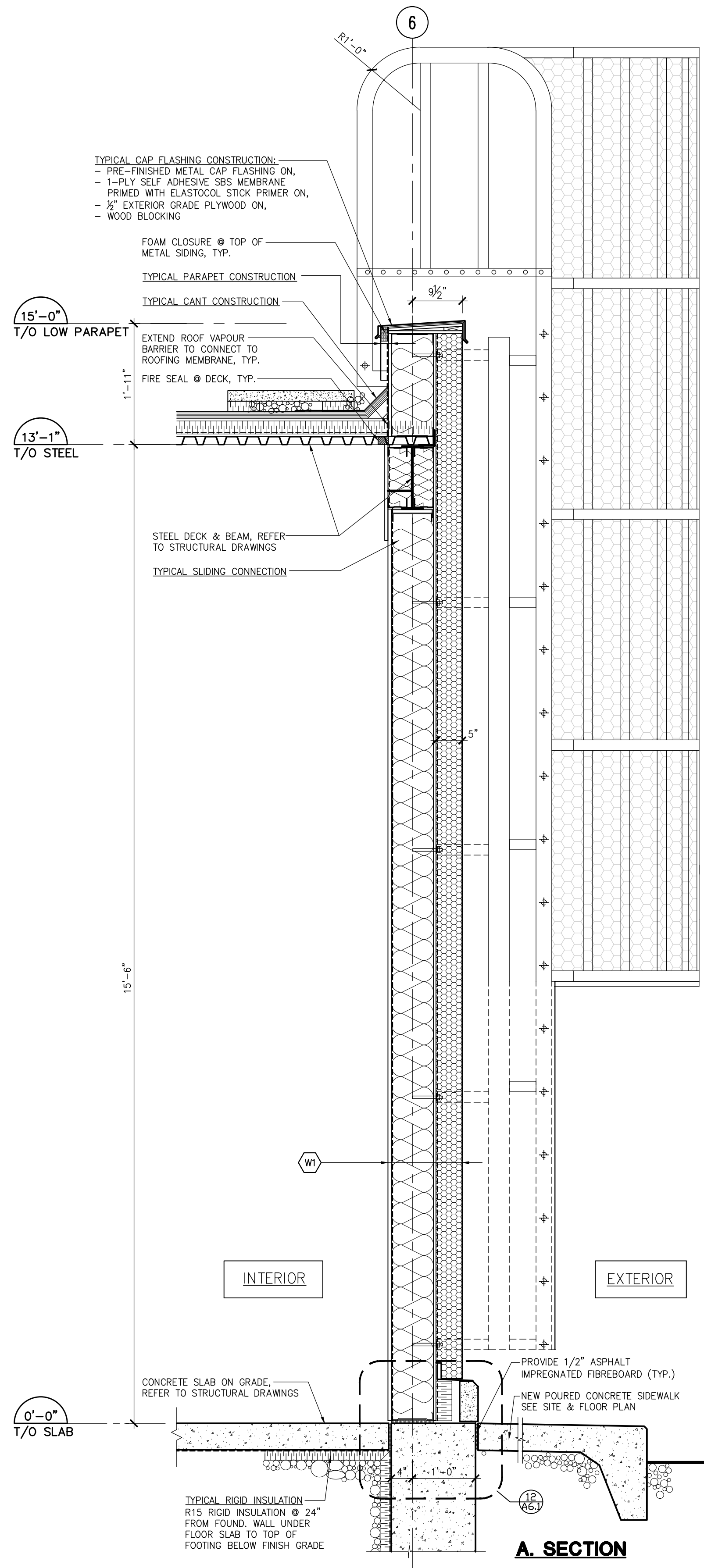
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C. PLAN

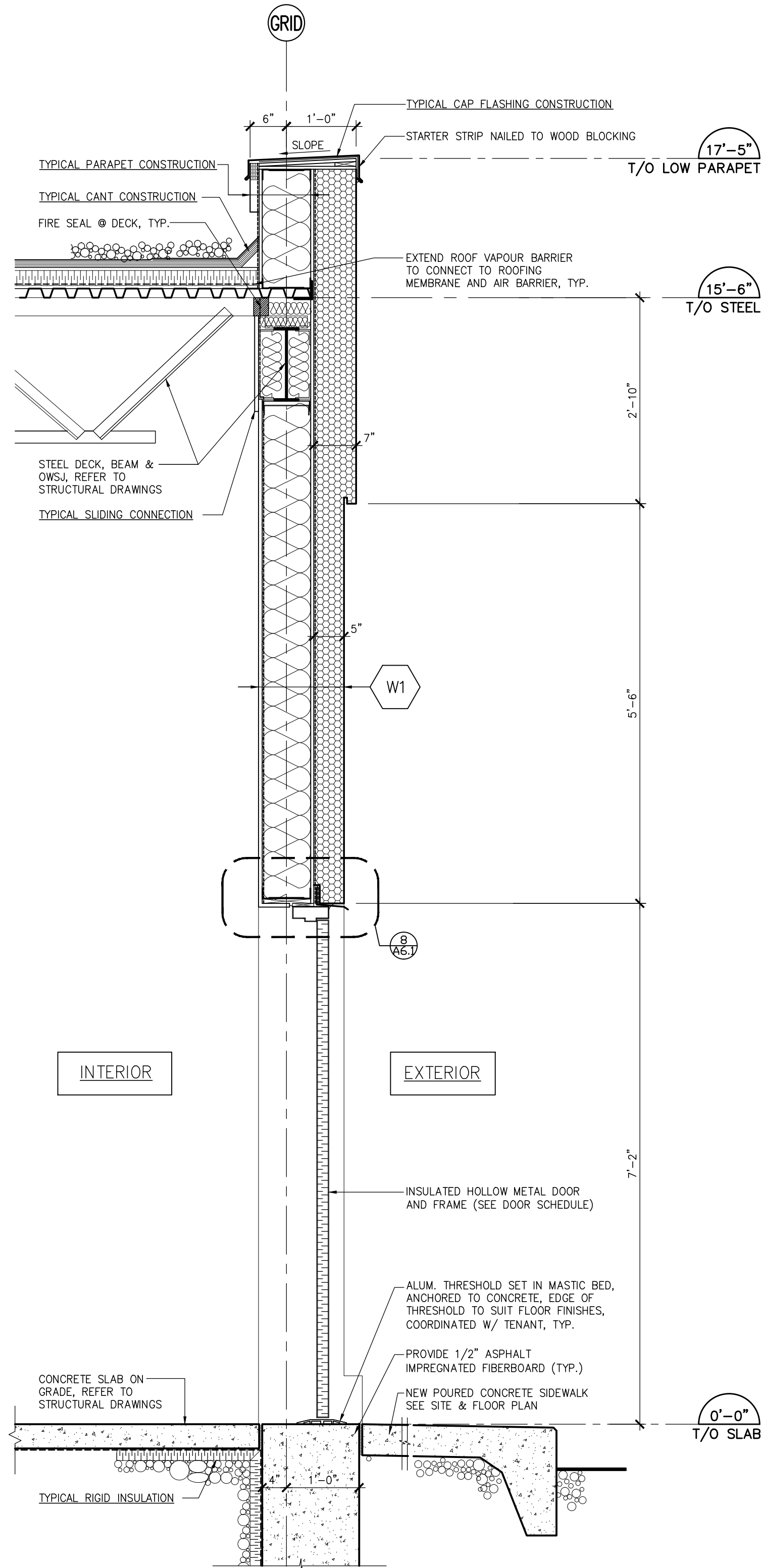


B. ELEVATION

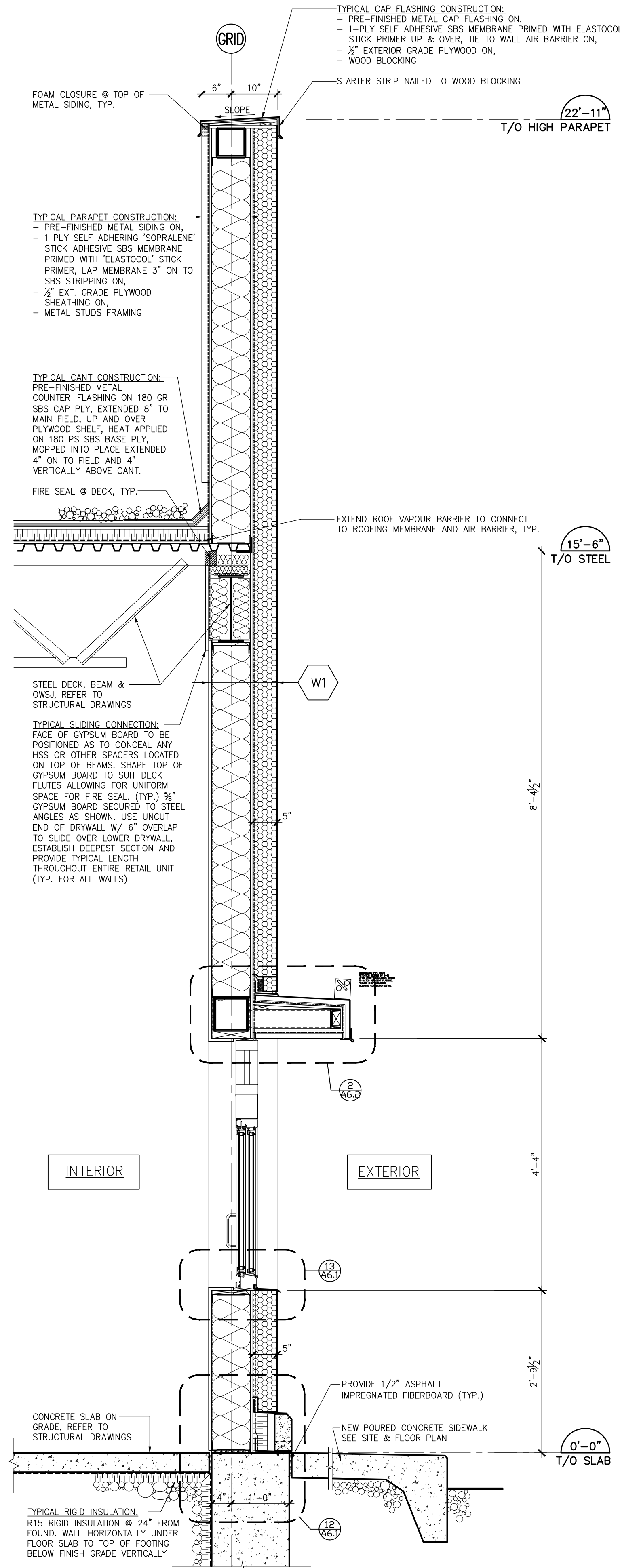


A. SECTION

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



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



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

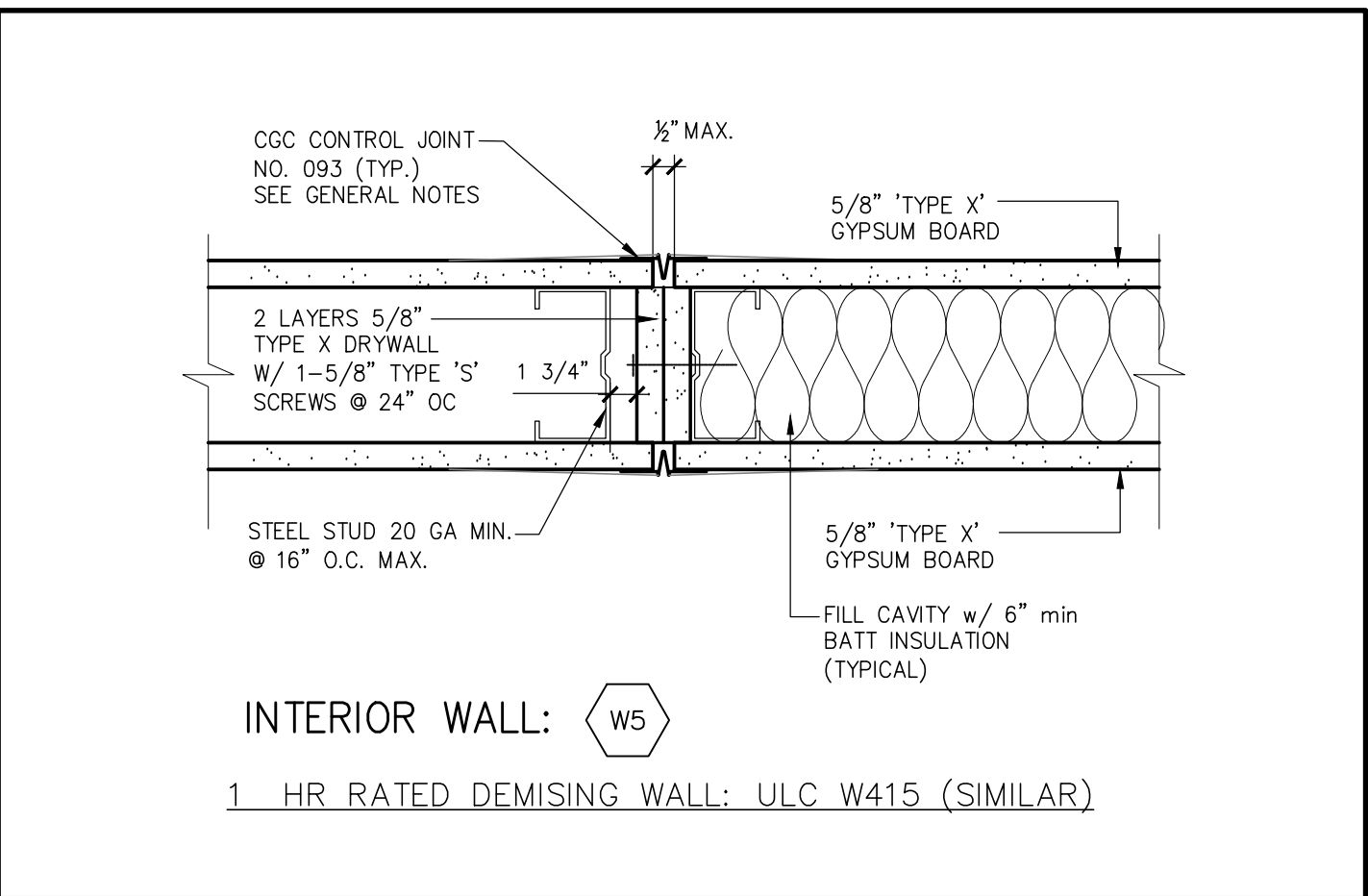
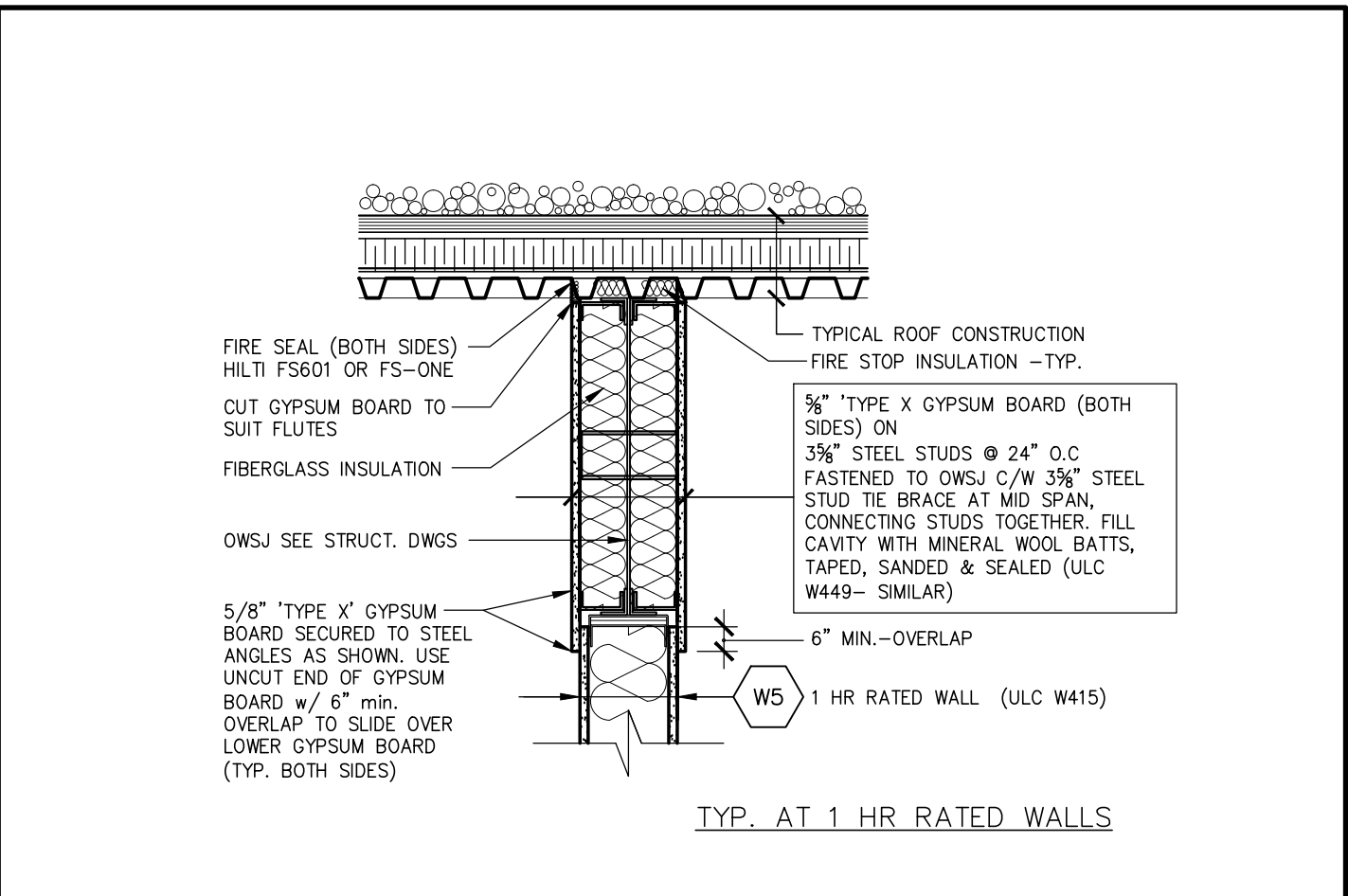
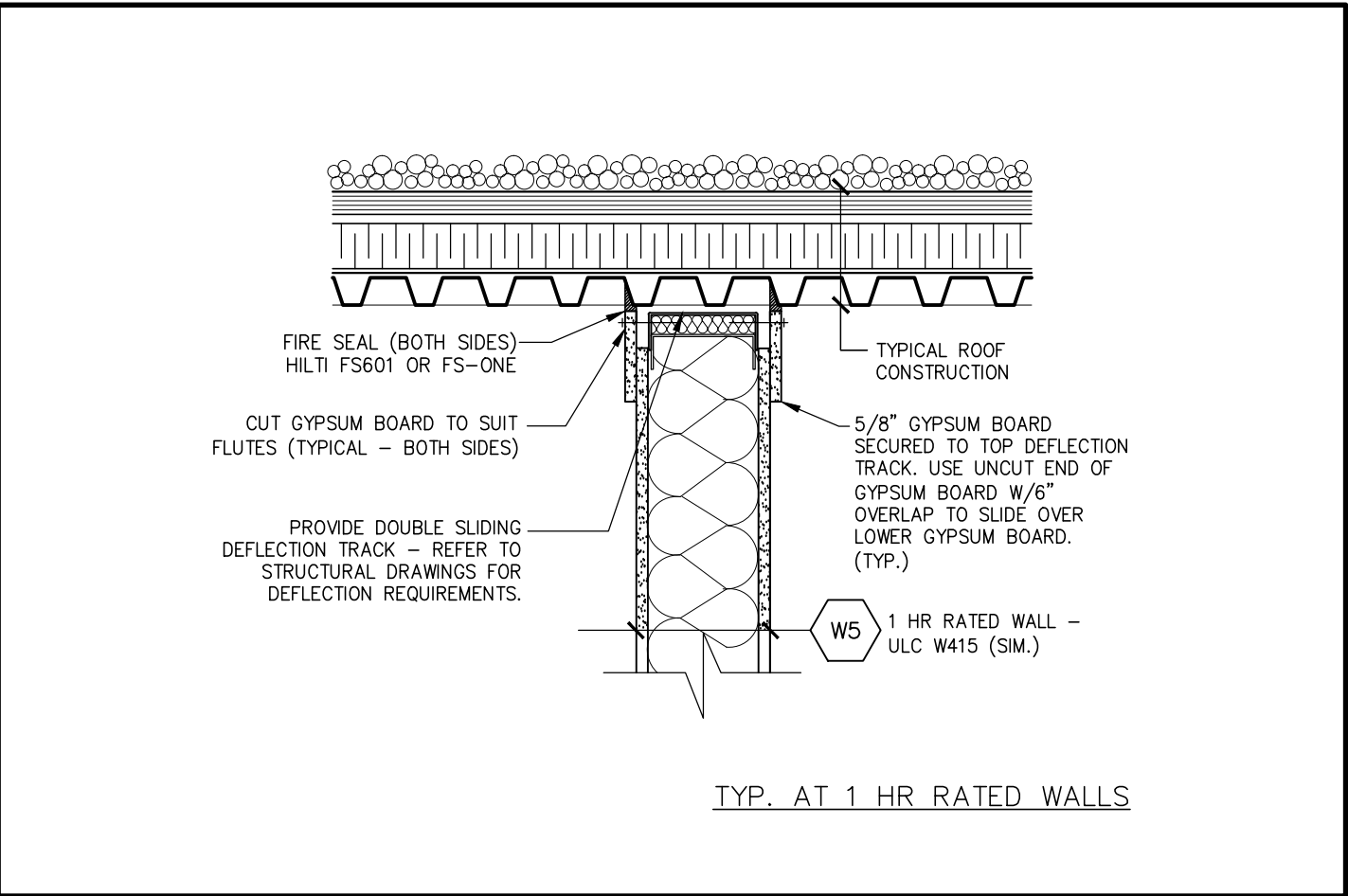
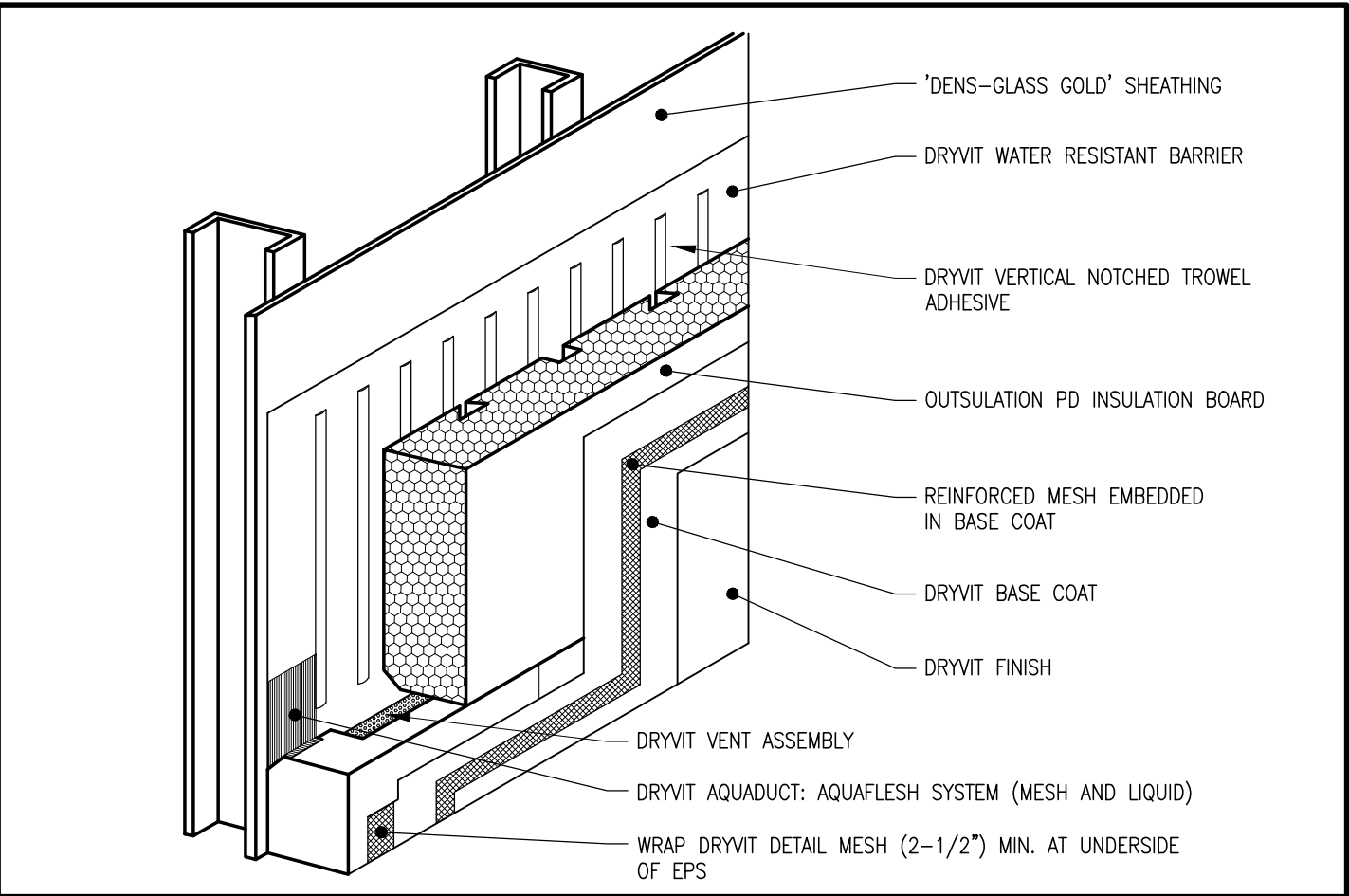
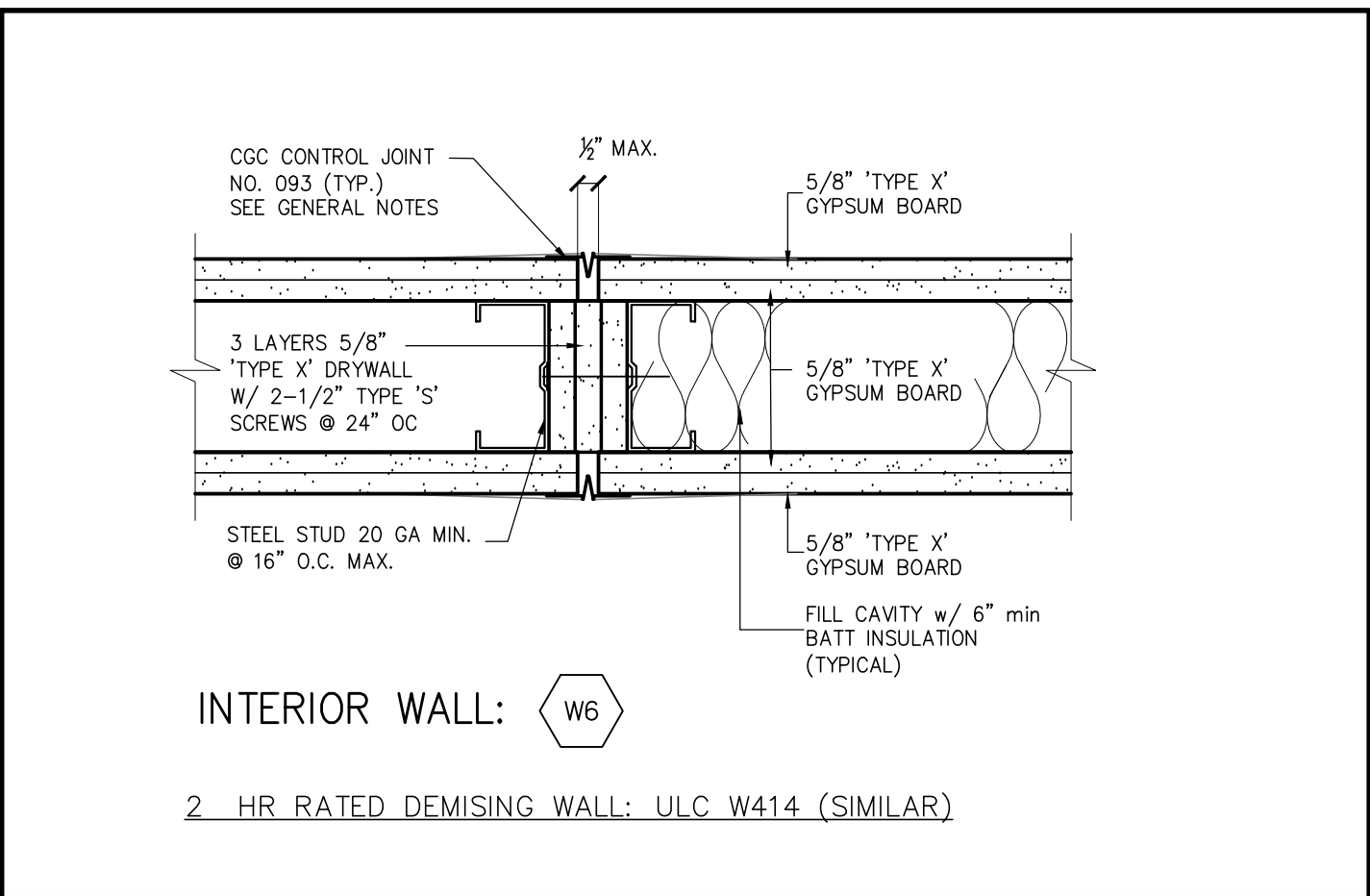
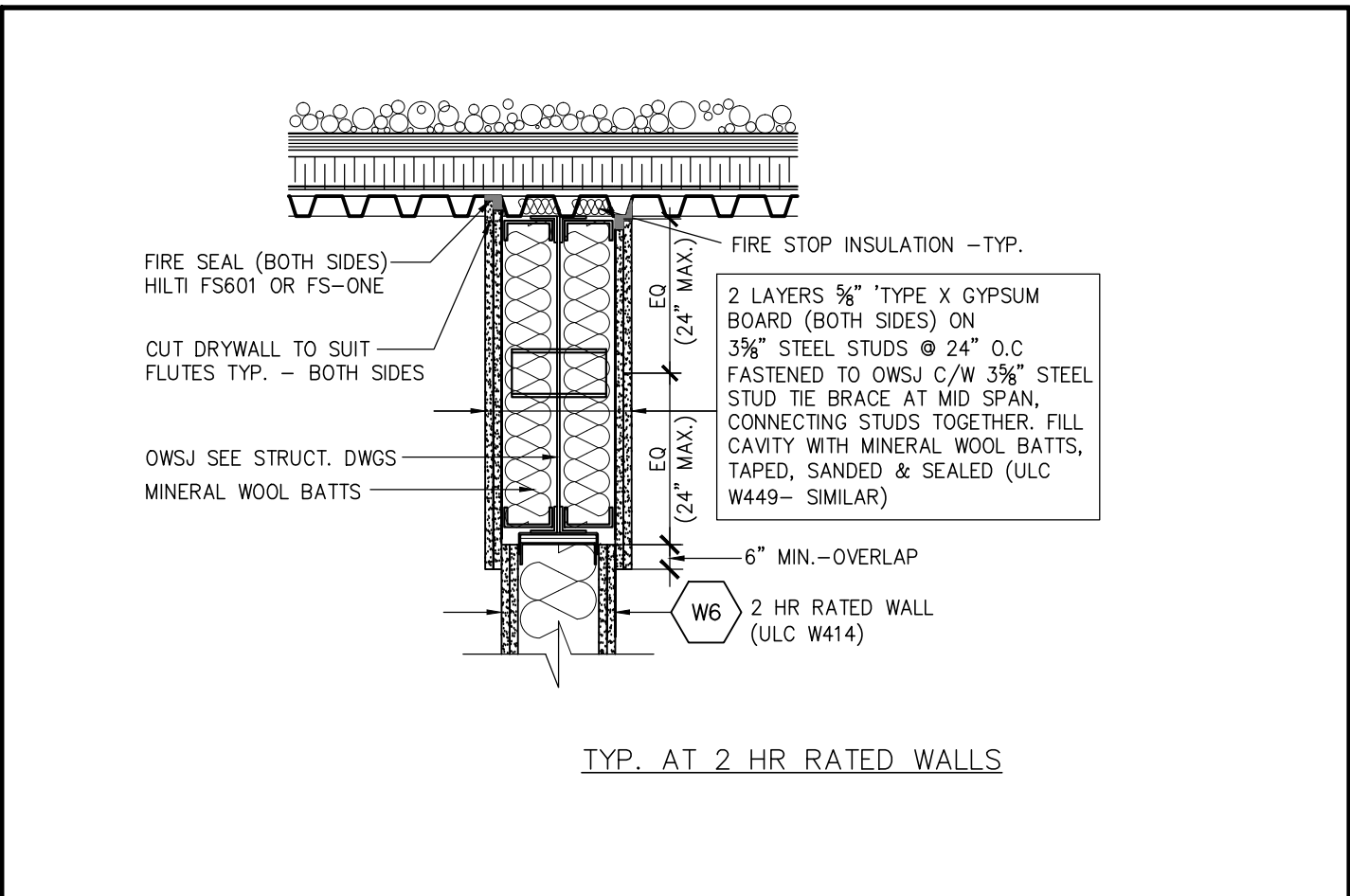
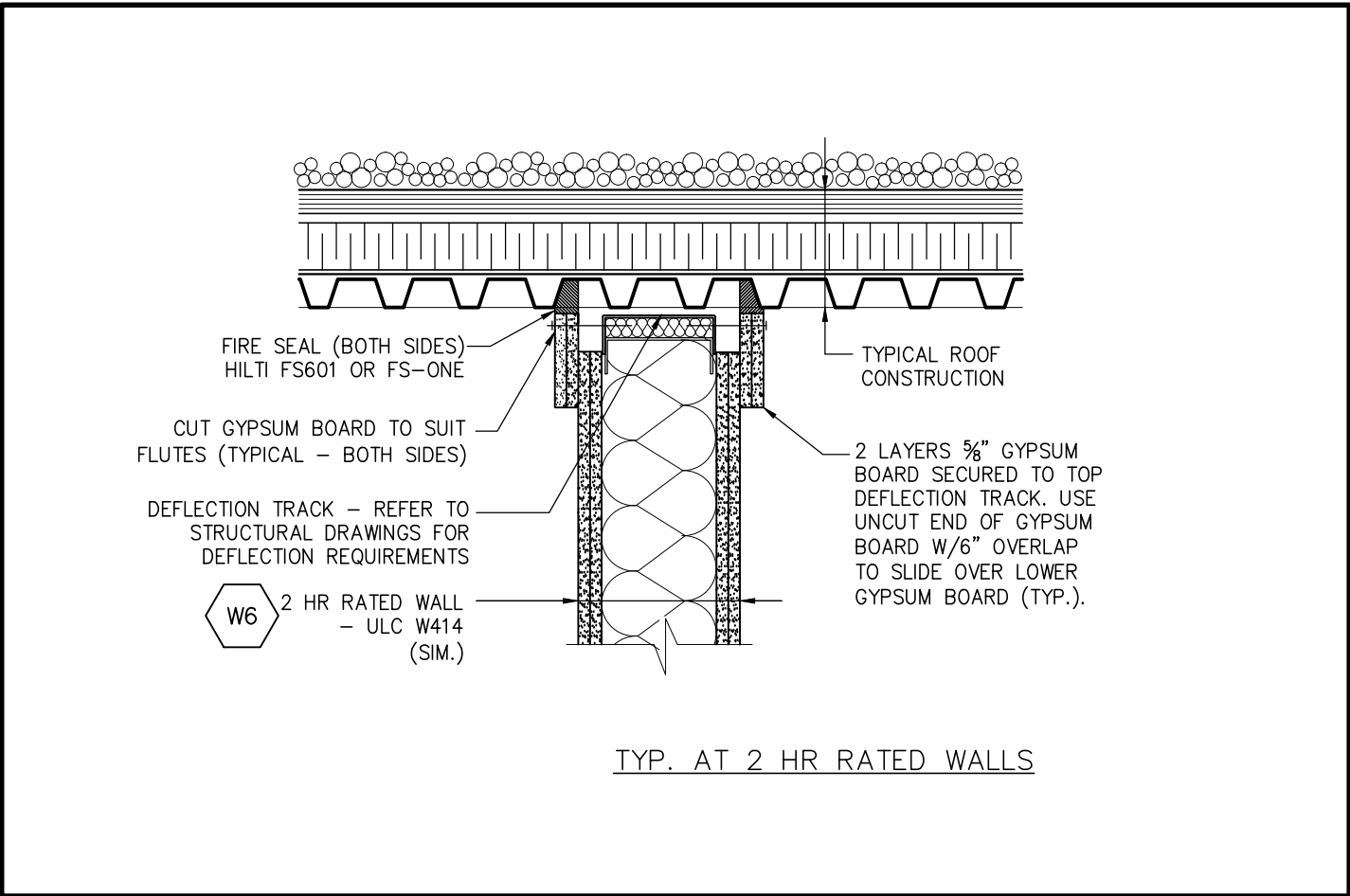
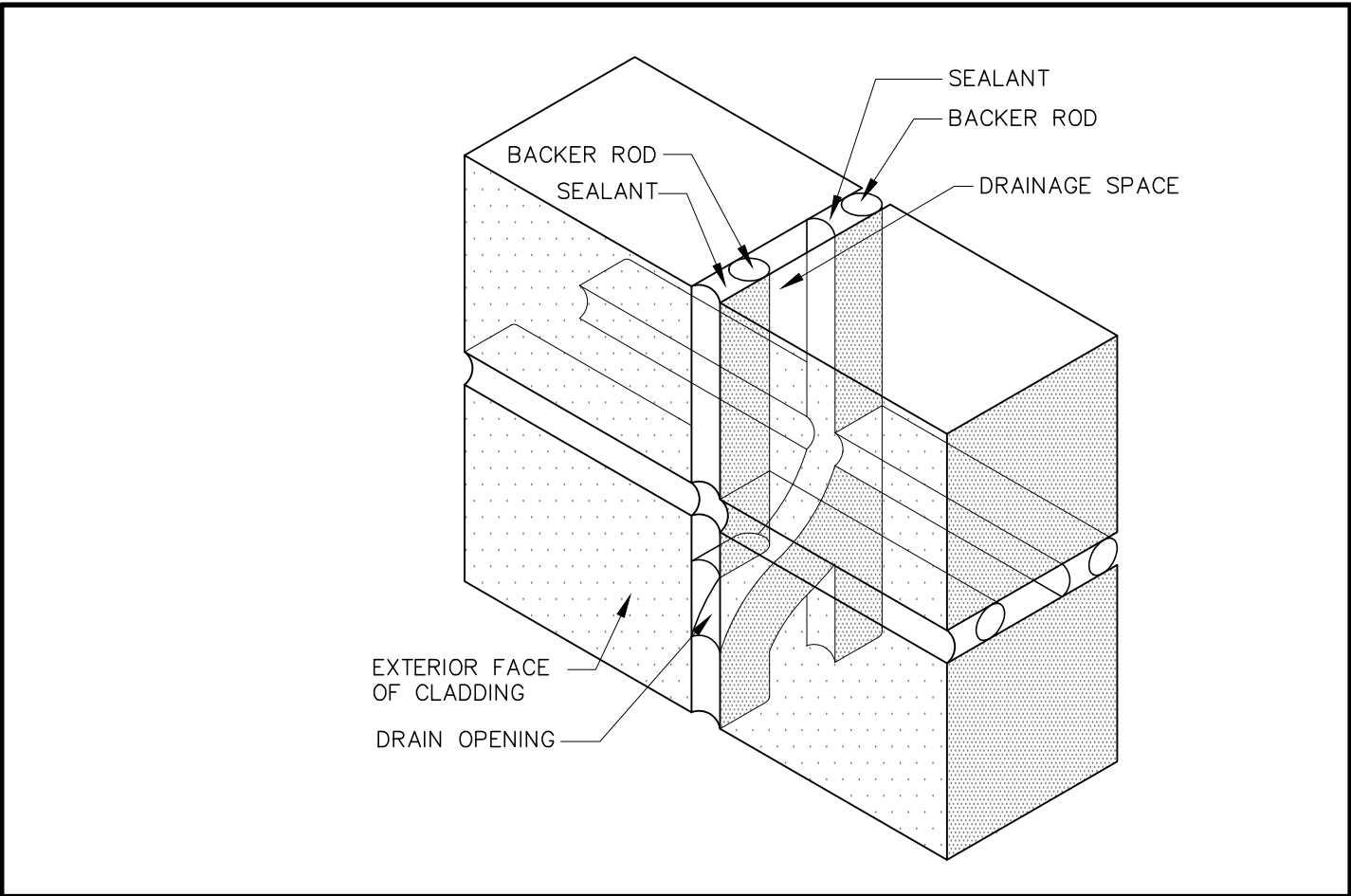
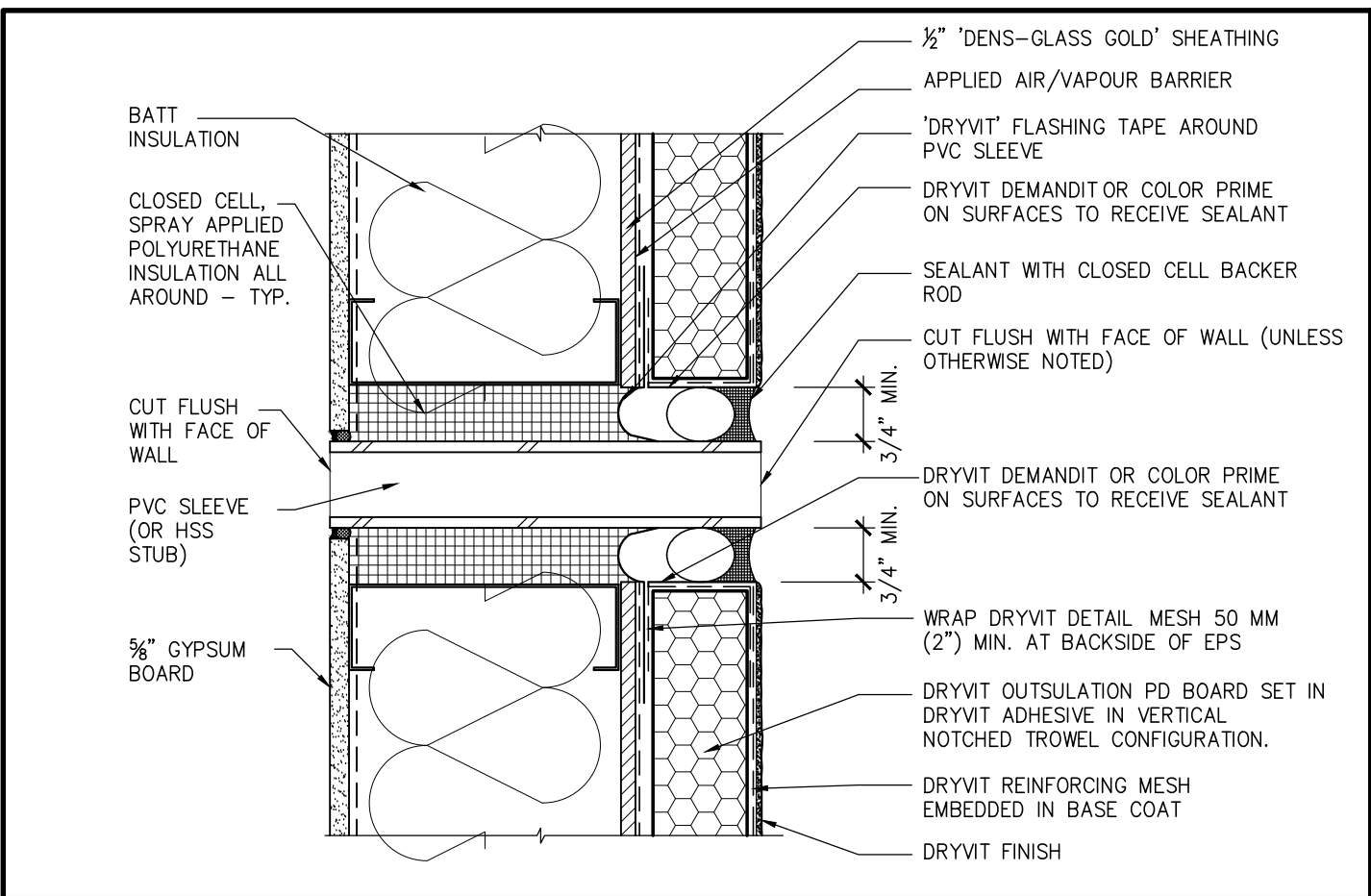
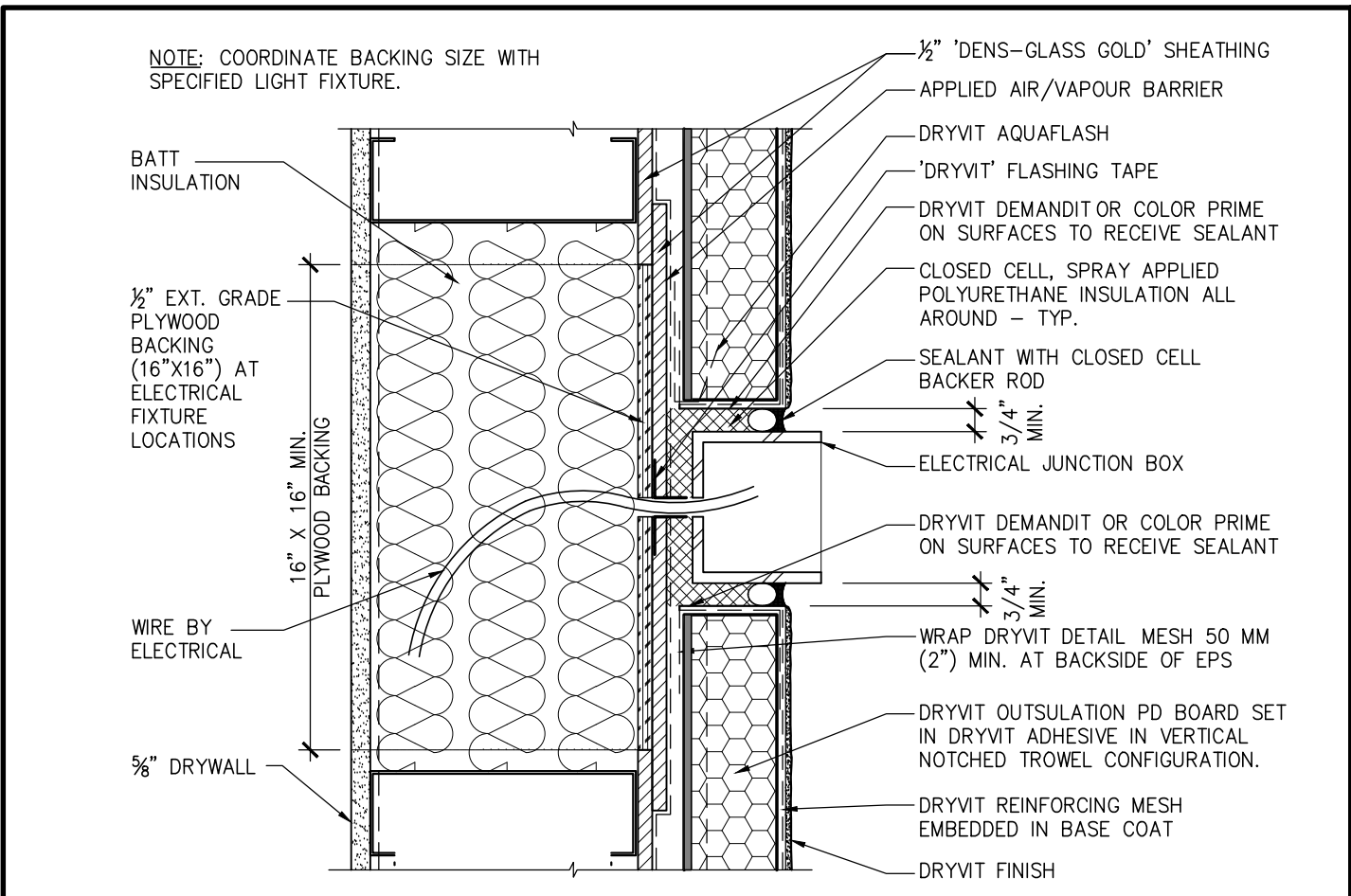
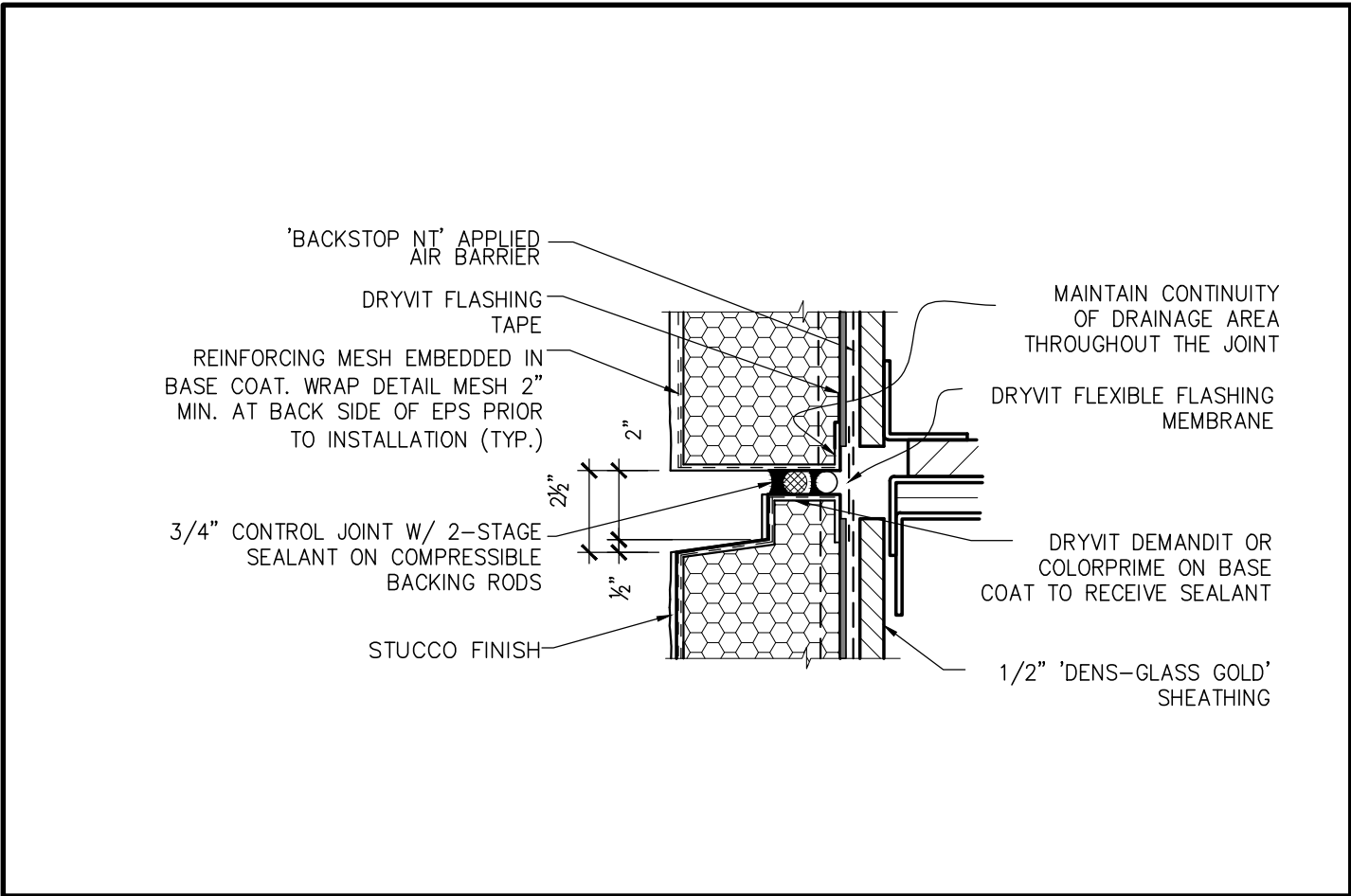
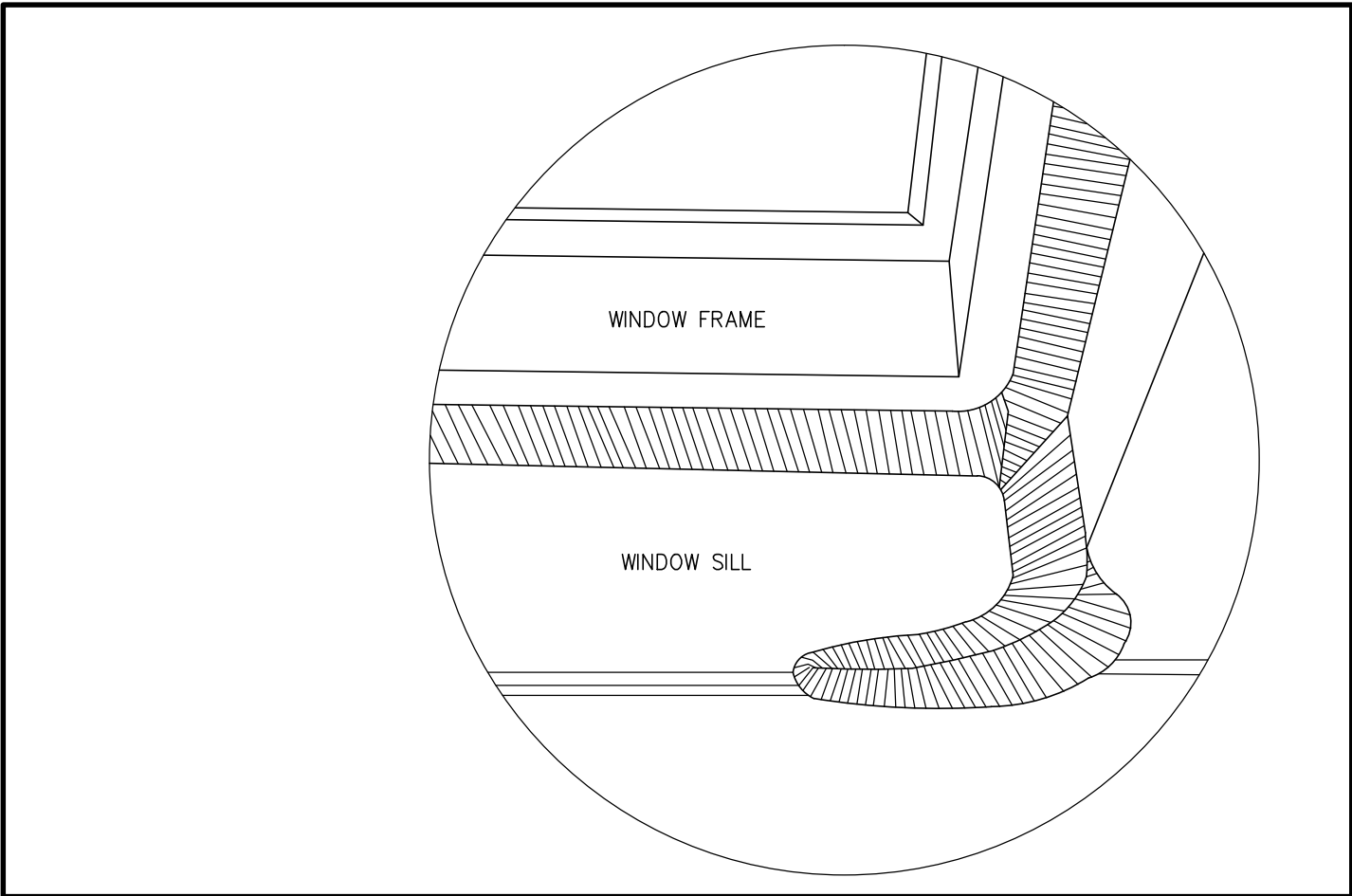
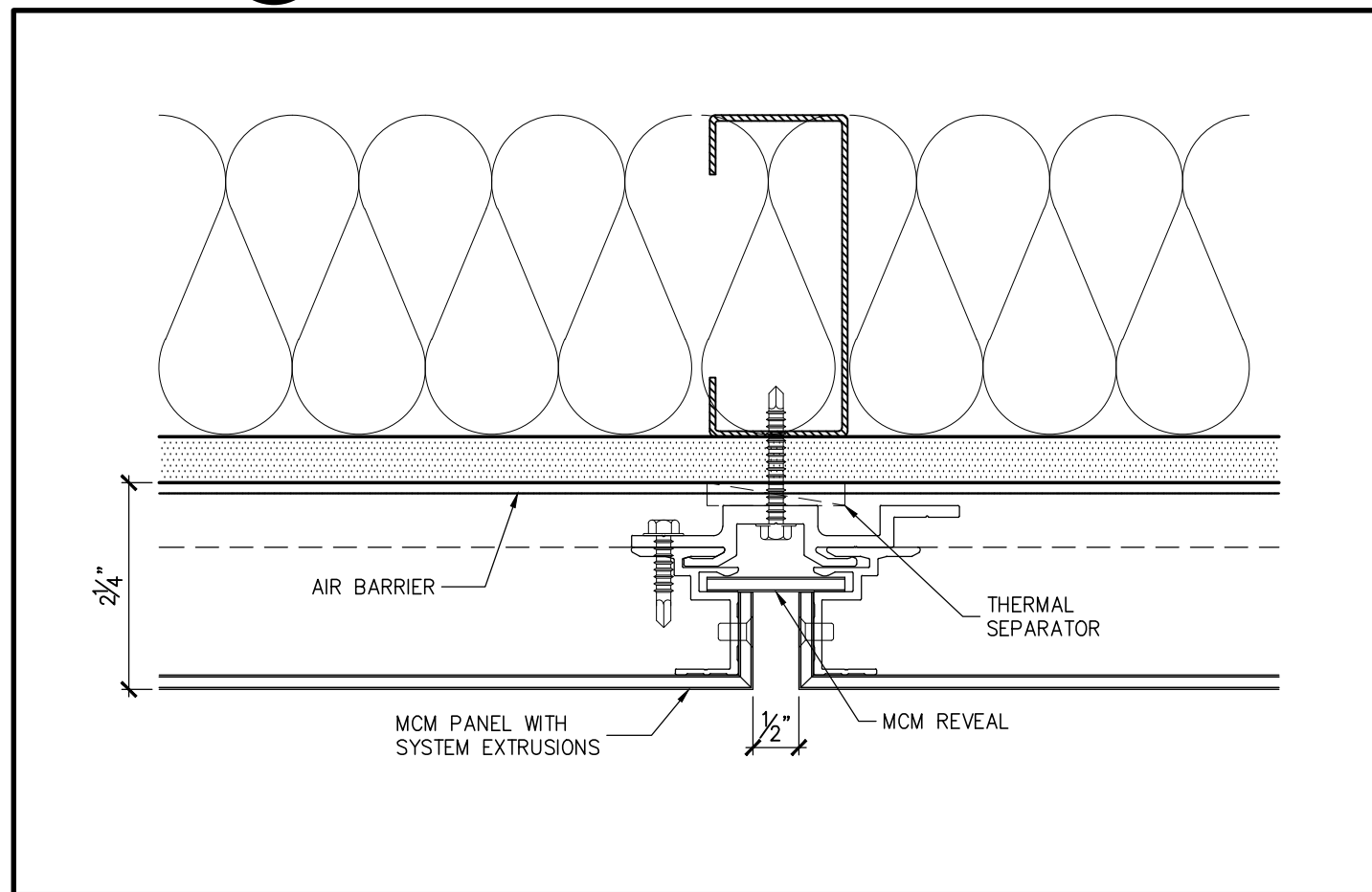
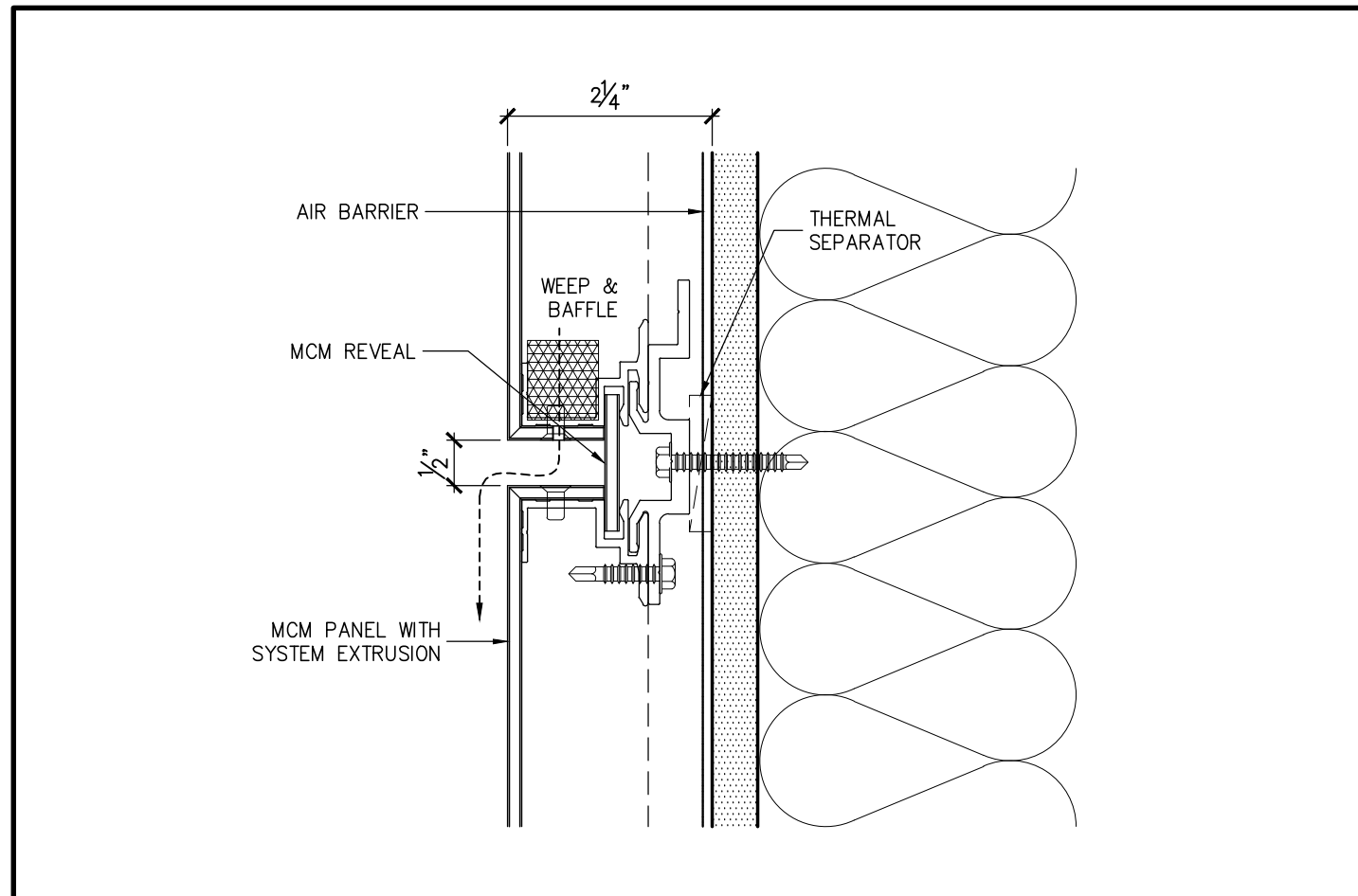
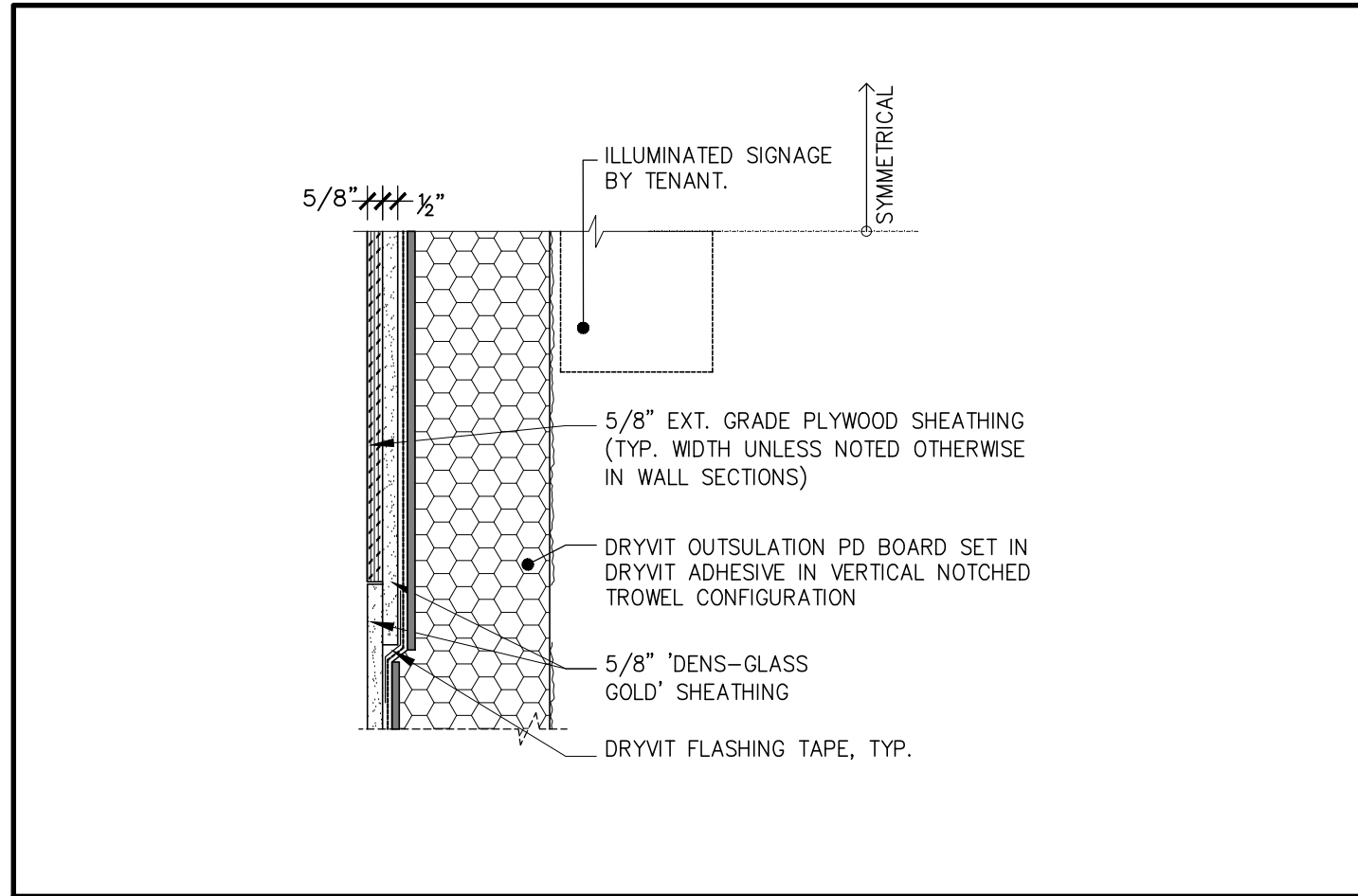
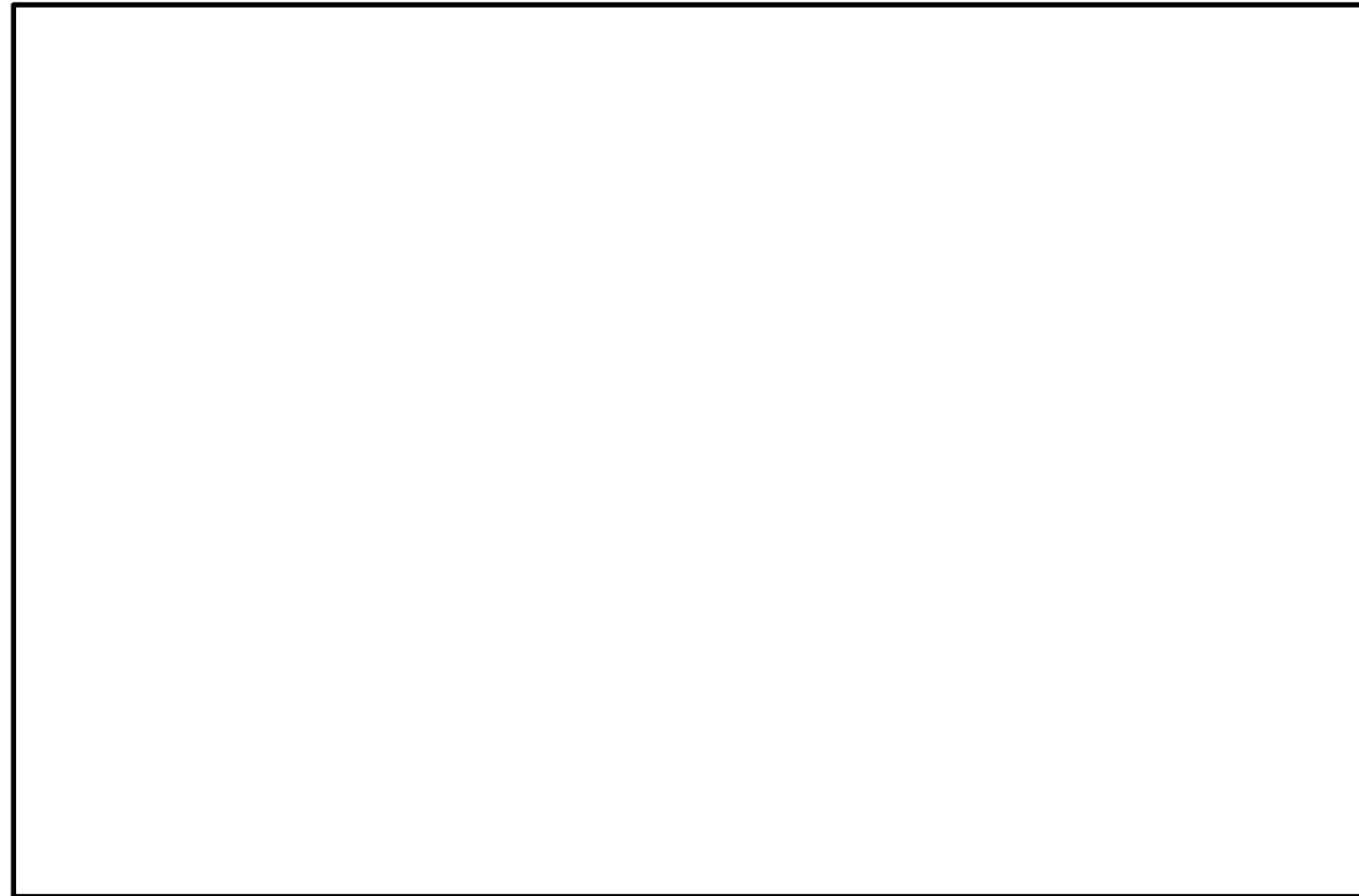
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WALL SECTIONS
MARY BROWNS POULET
PROTOTYPE
STREET NAME, CITY, PROVINCE

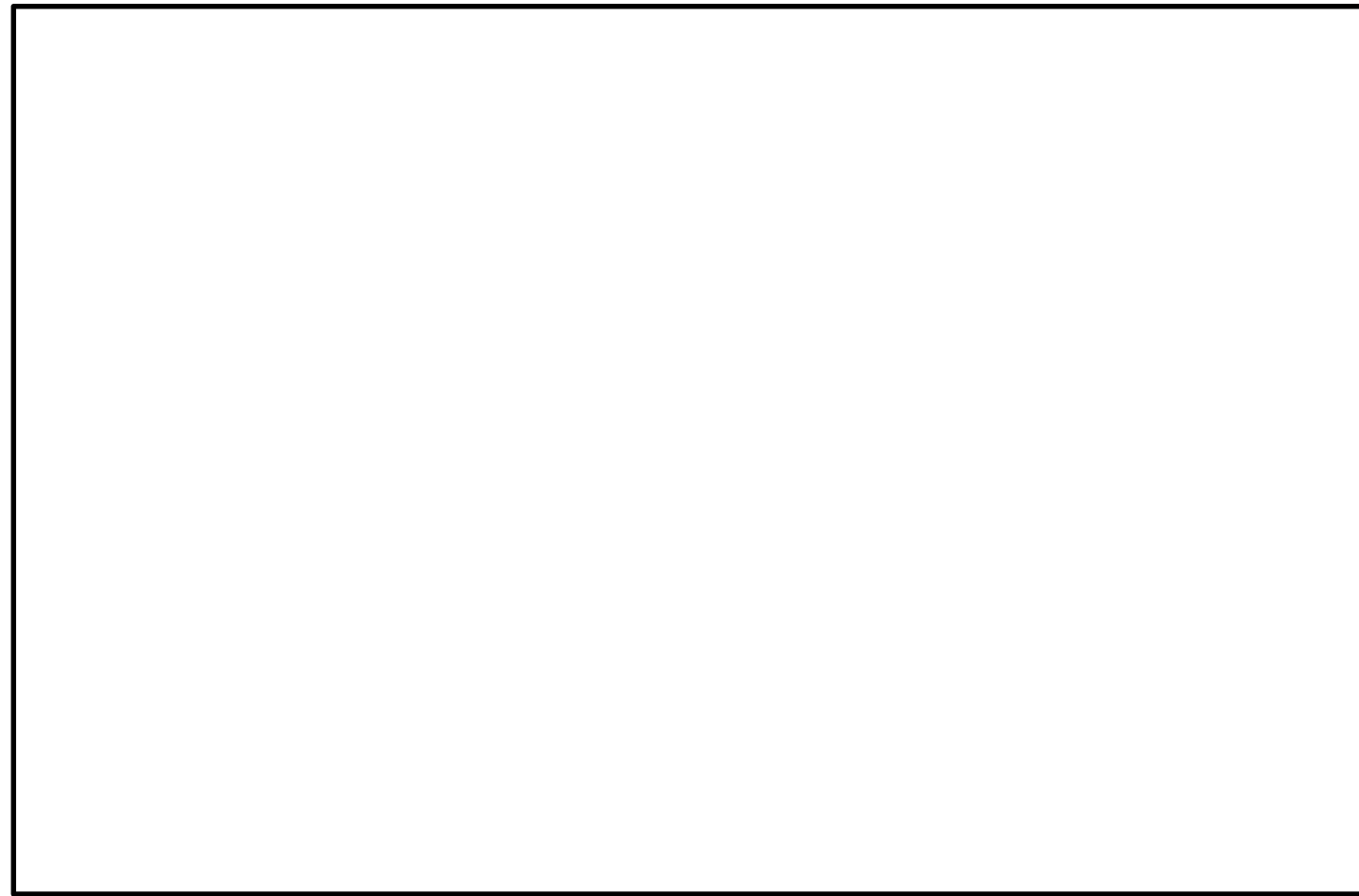
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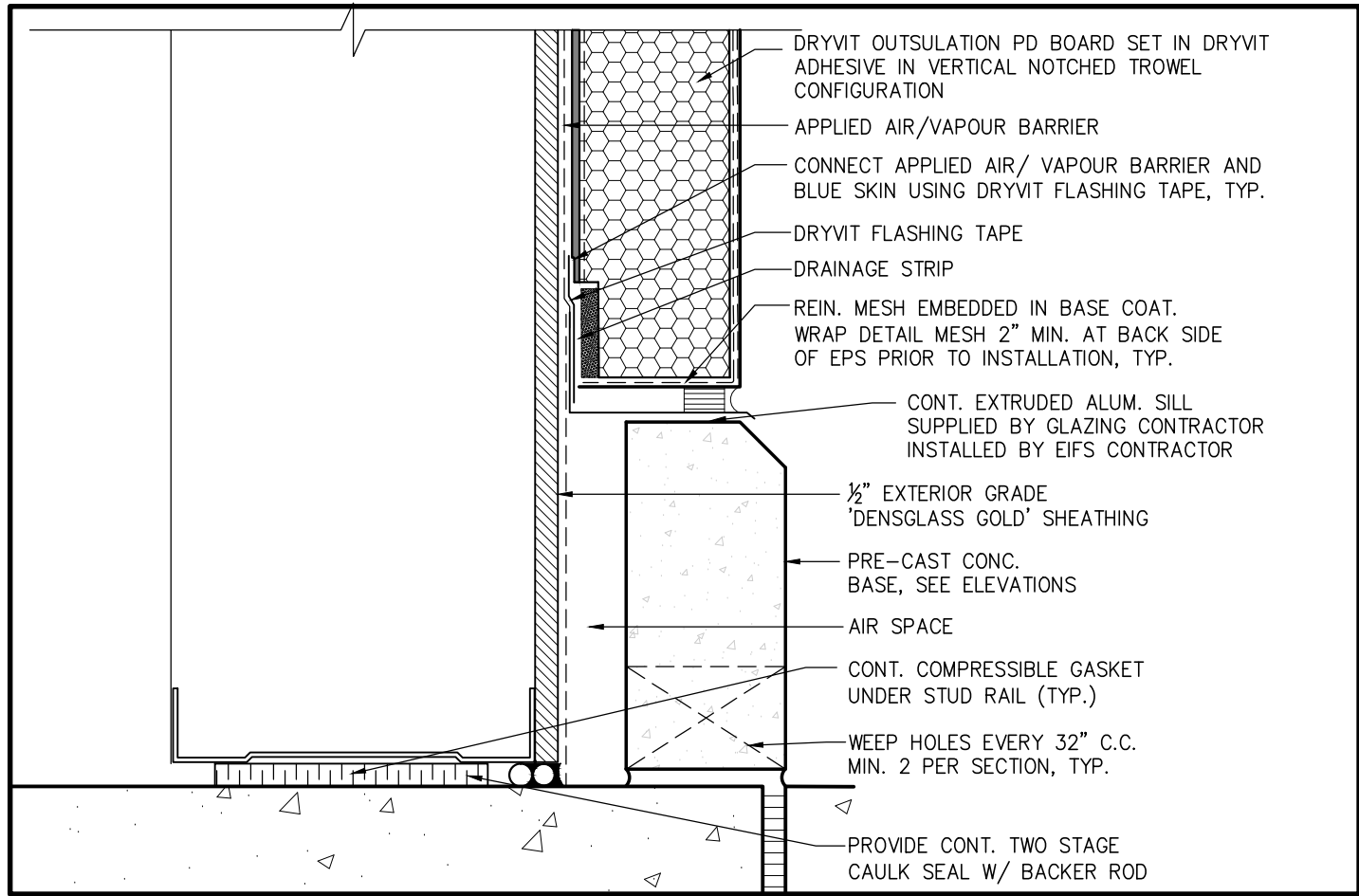
CONTRACTOR SHALL CHECK AND VERIFY
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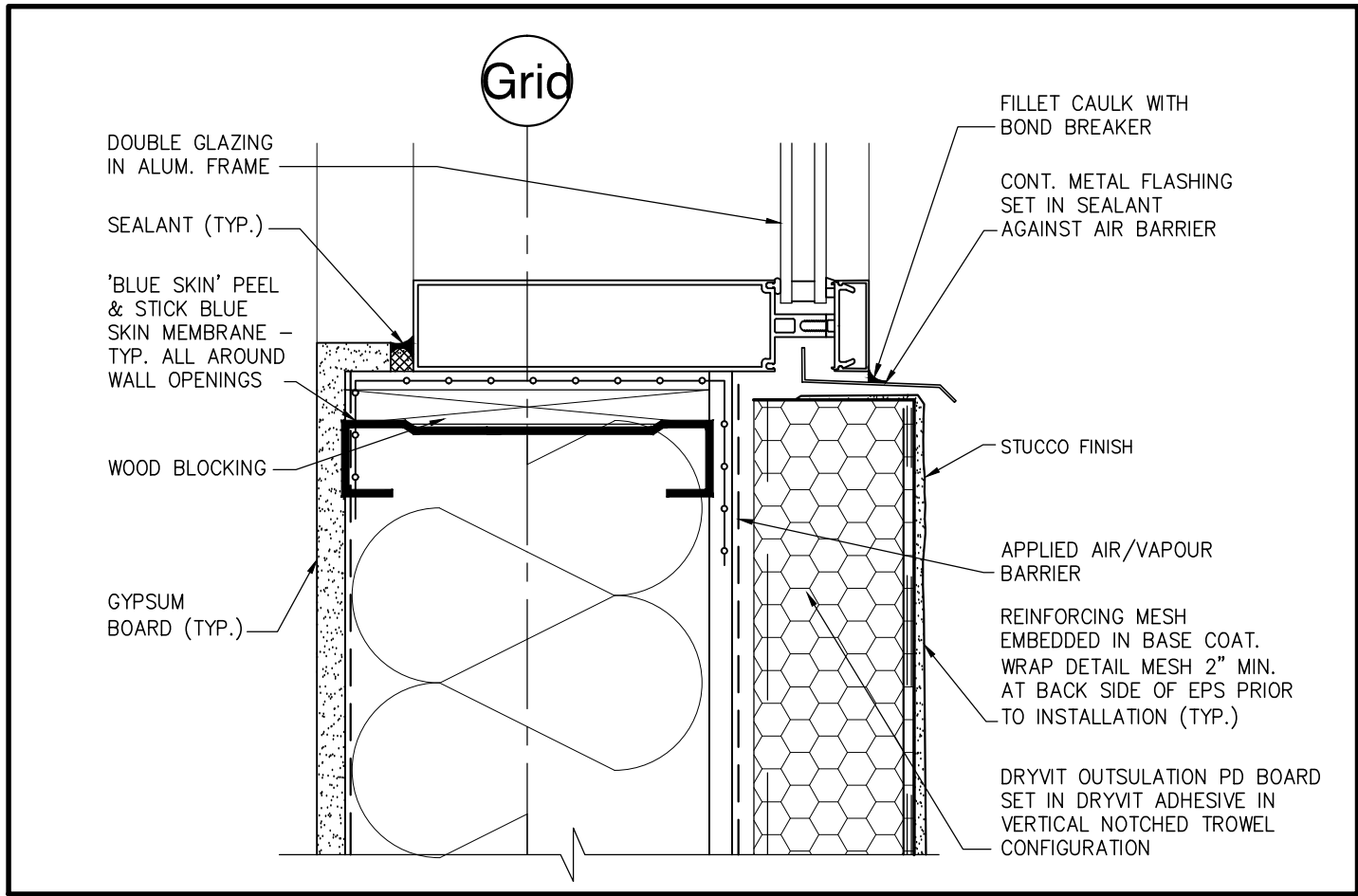
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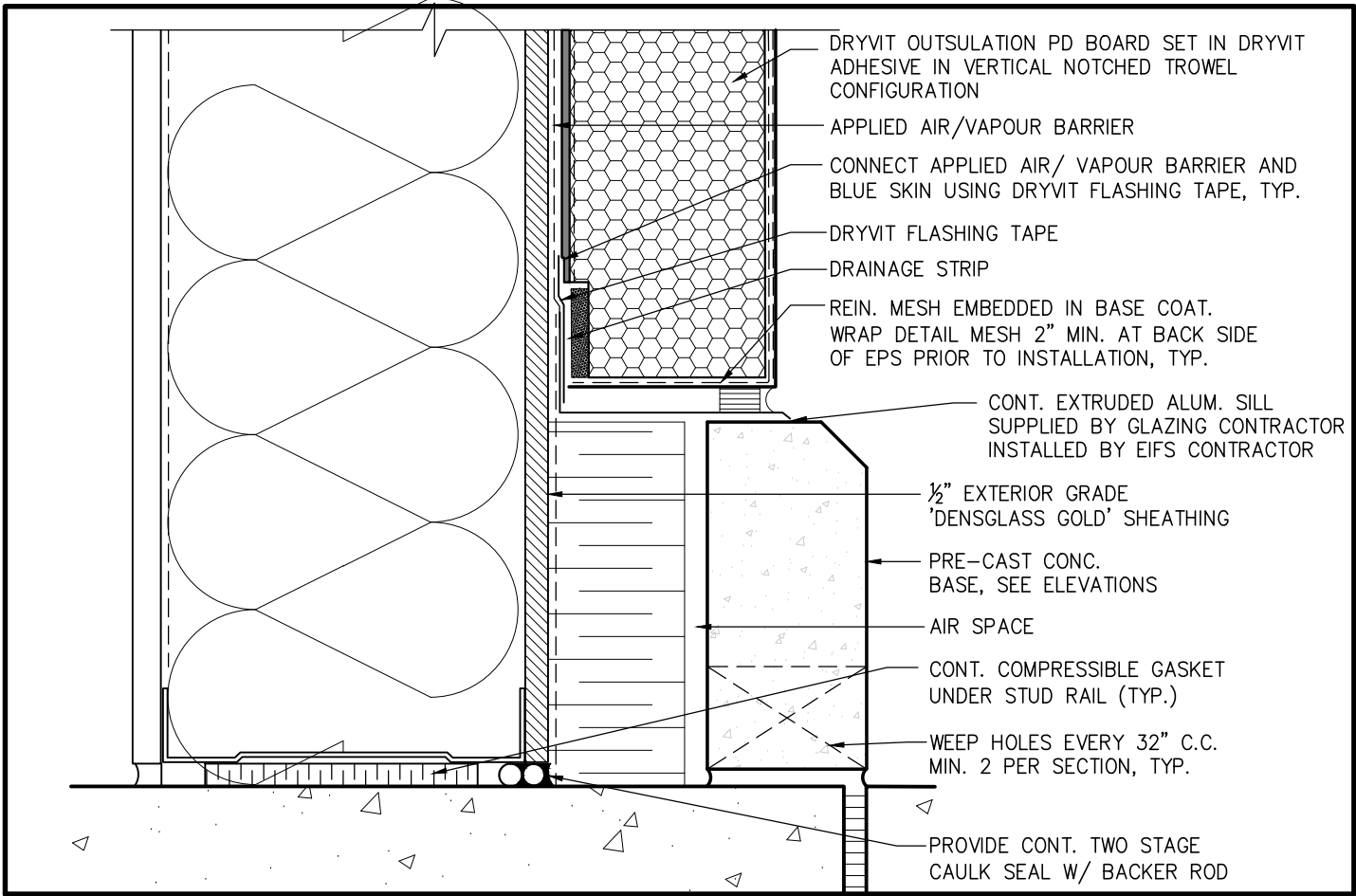
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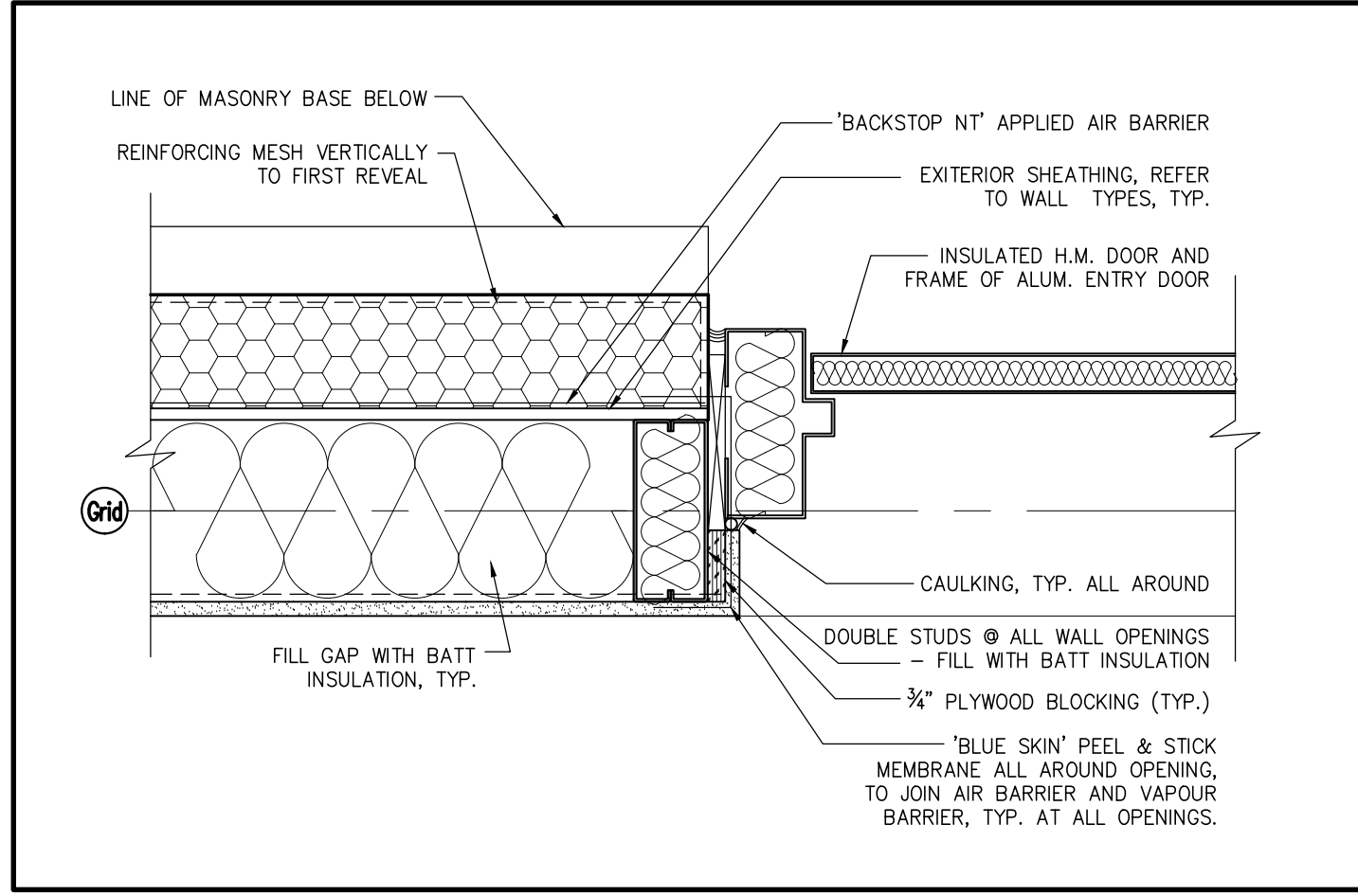
14 SECTION DETAIL
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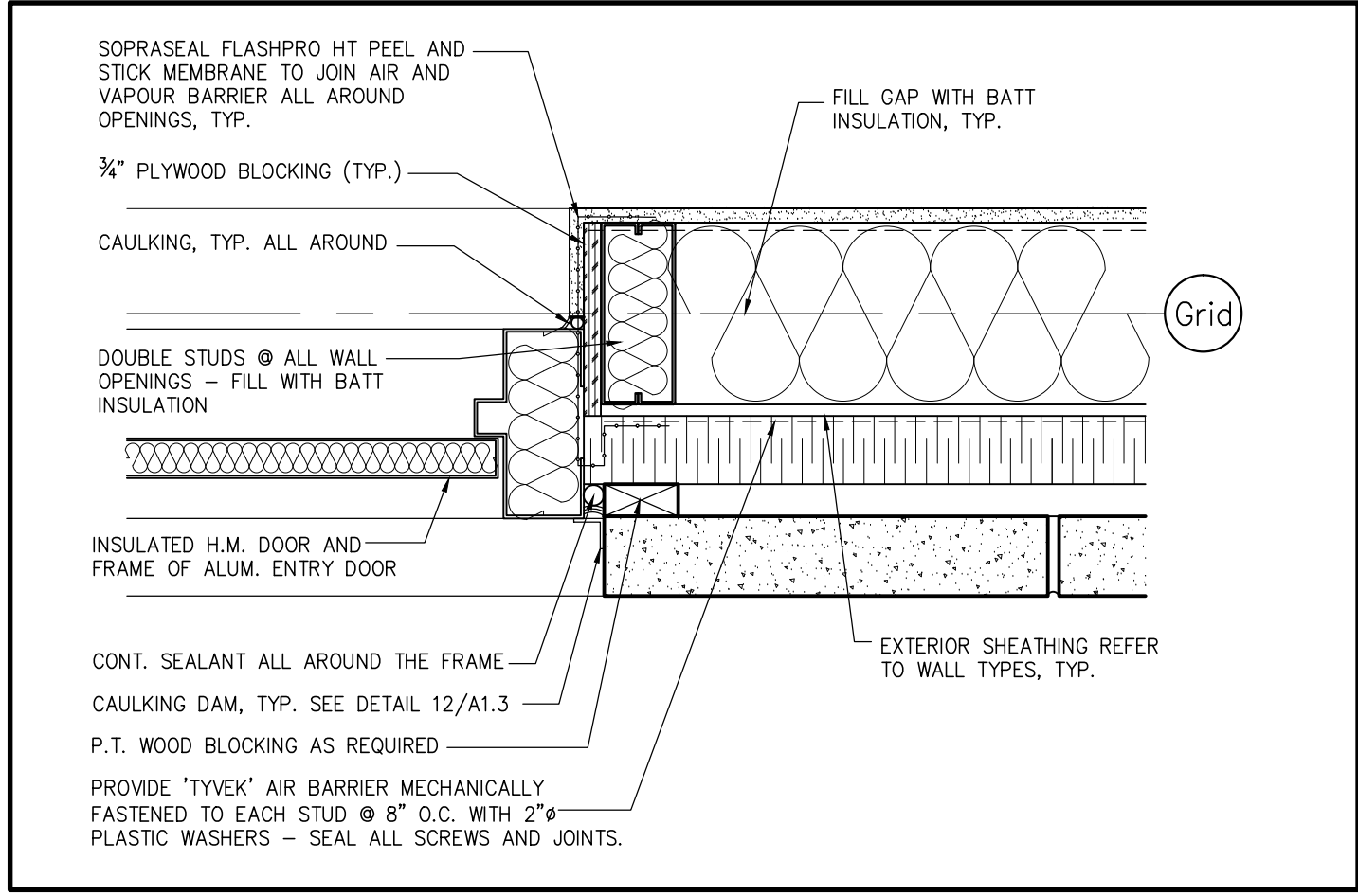
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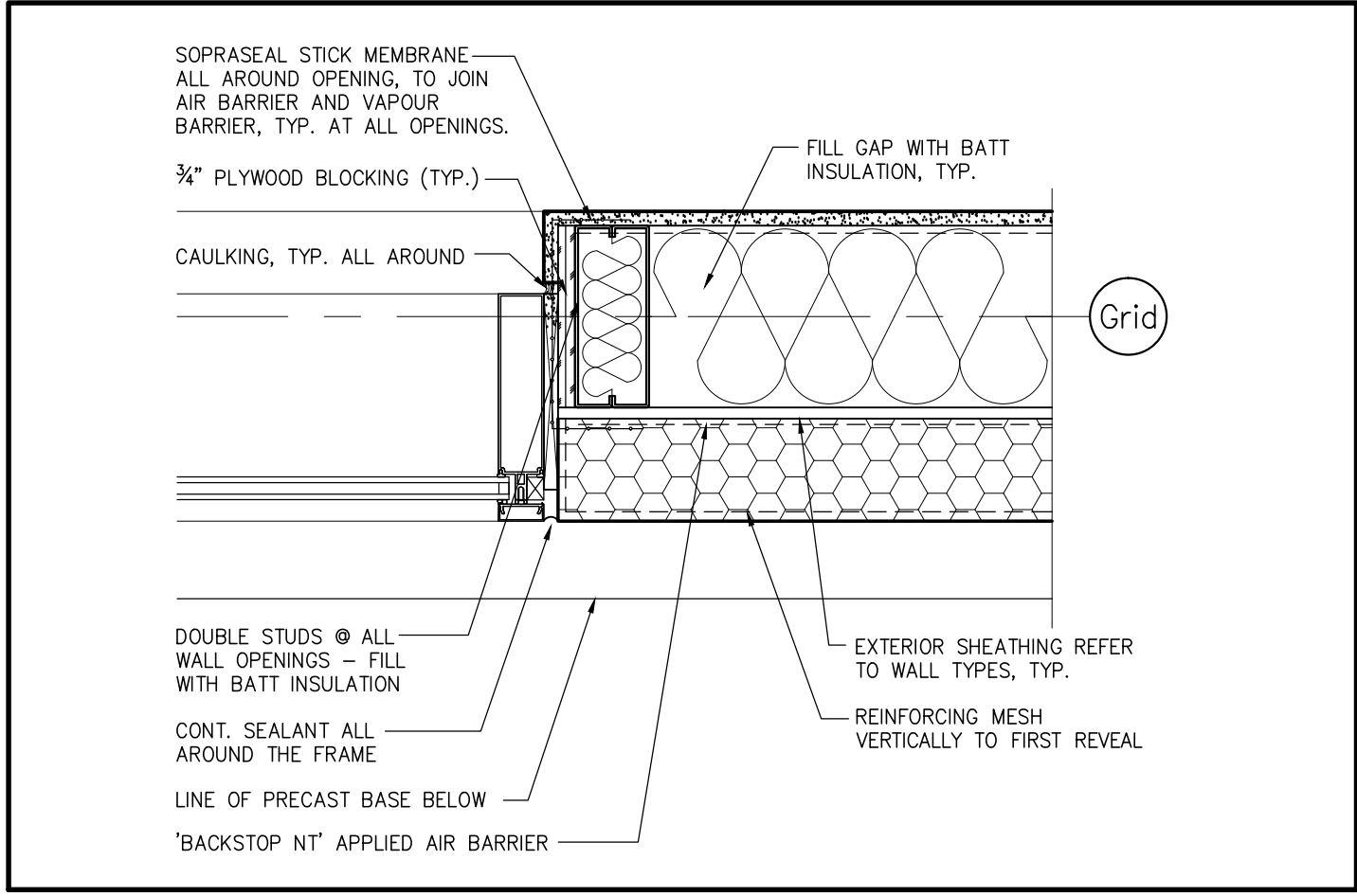
12 SECTION DETAIL
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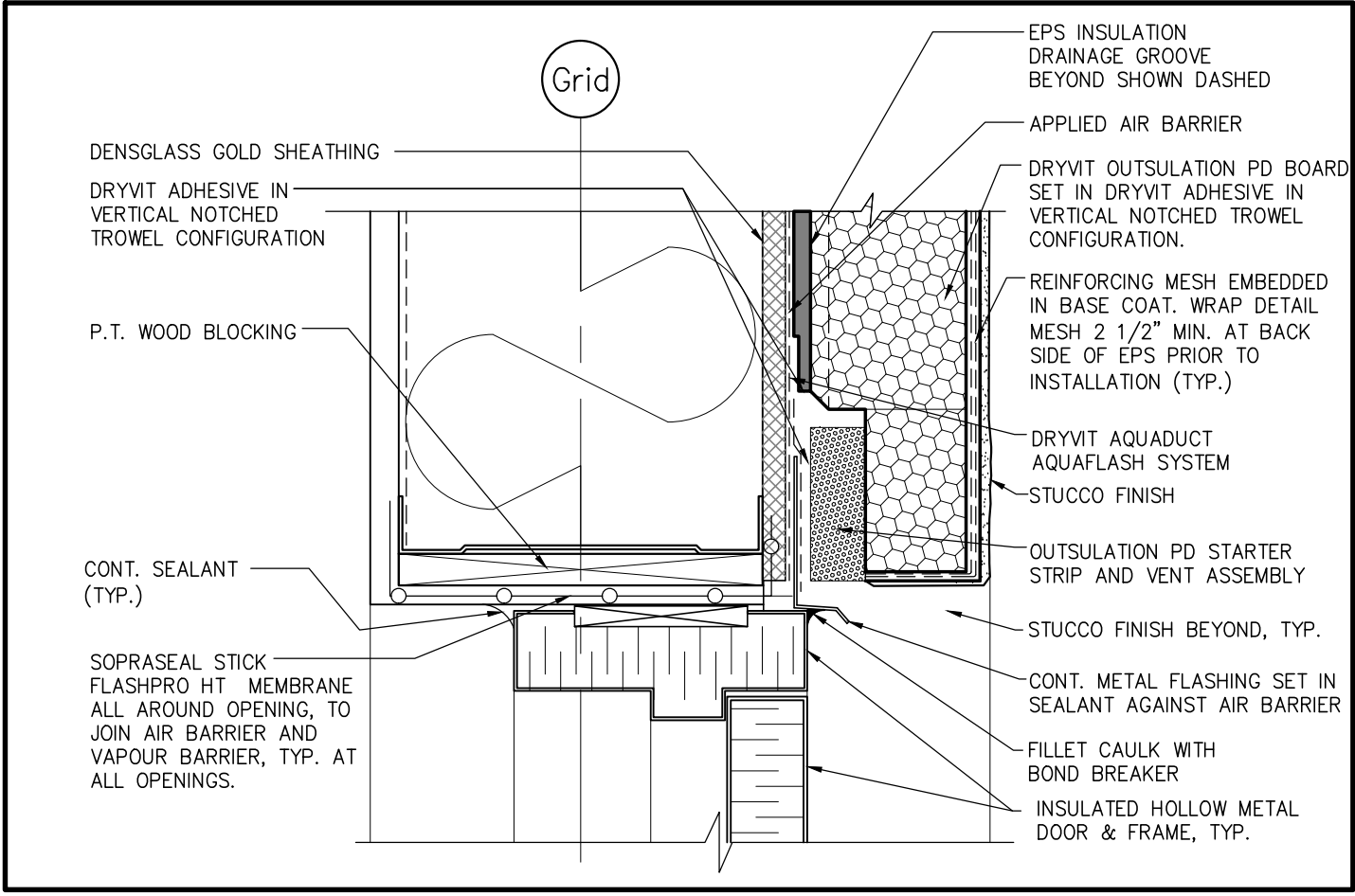
11 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



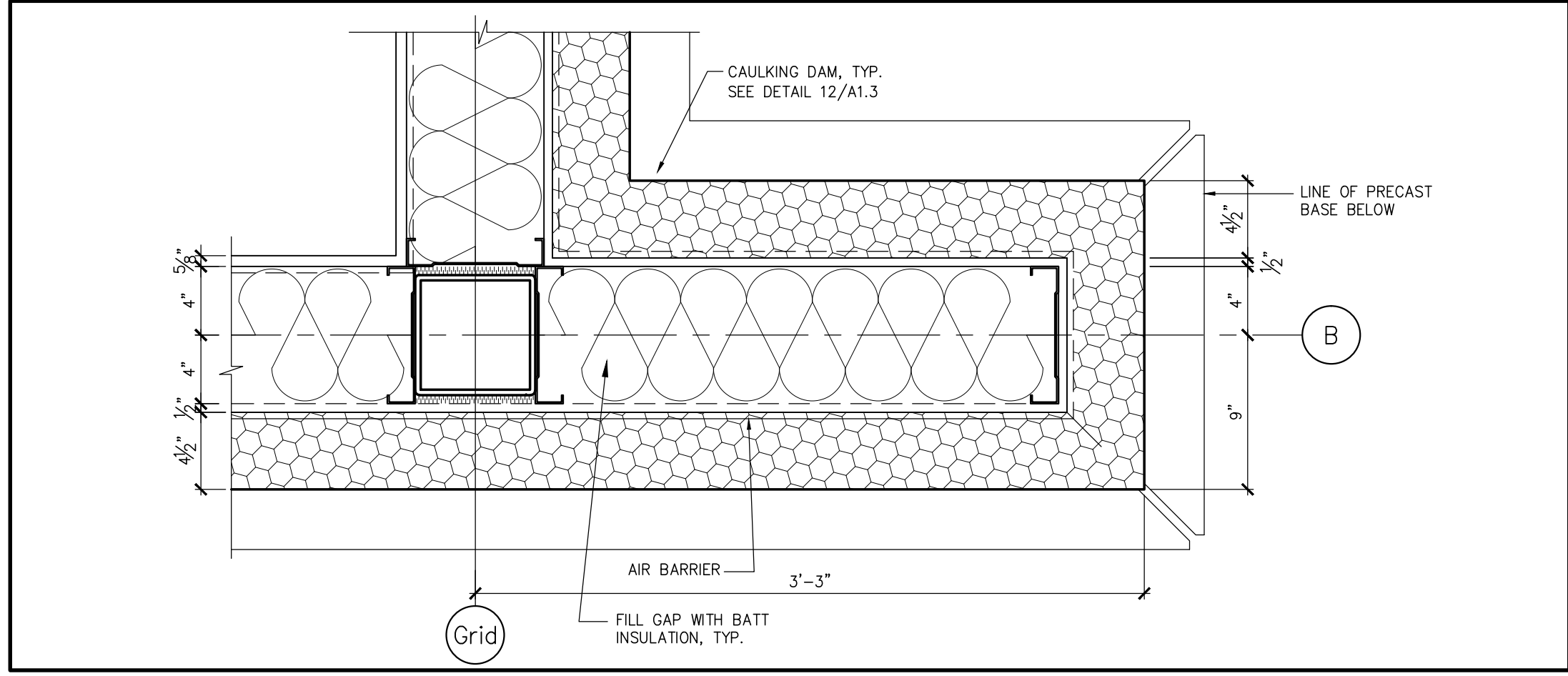
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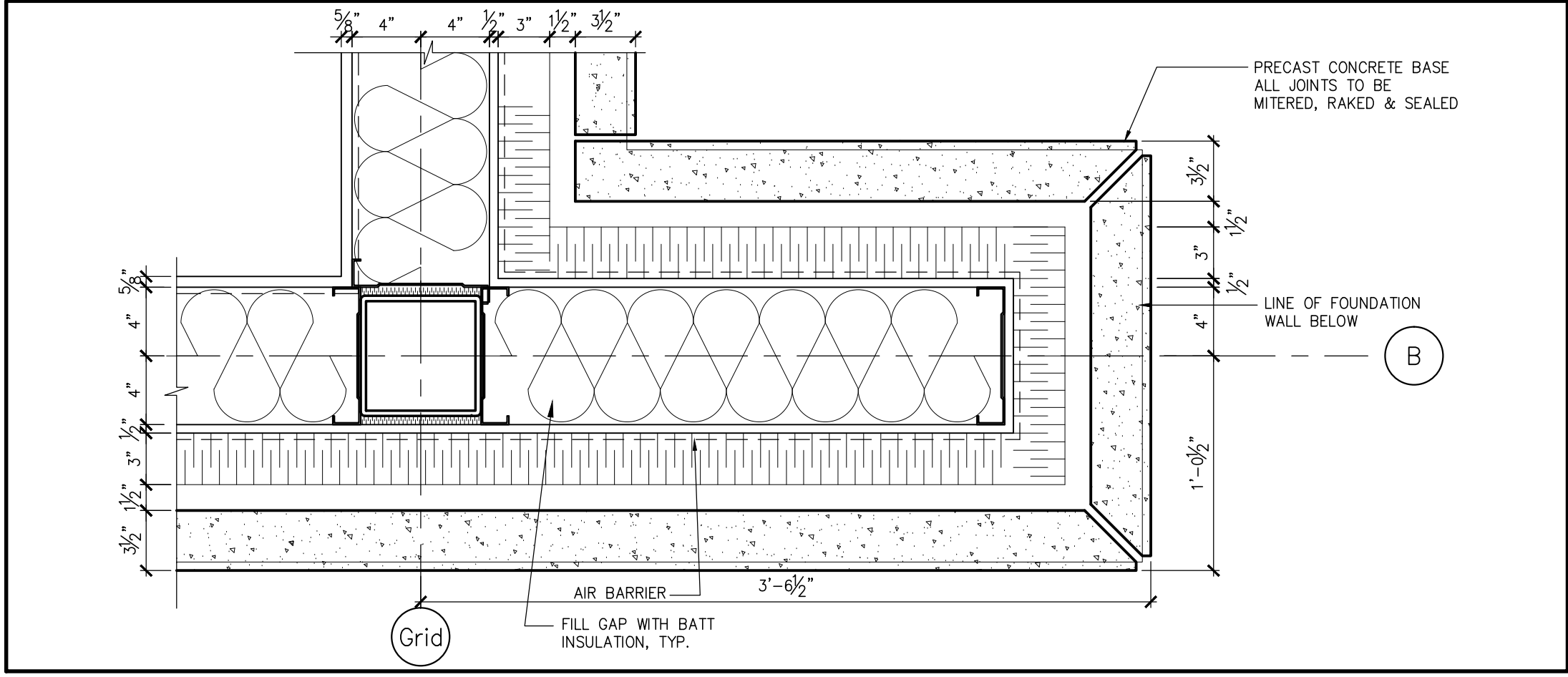
9 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



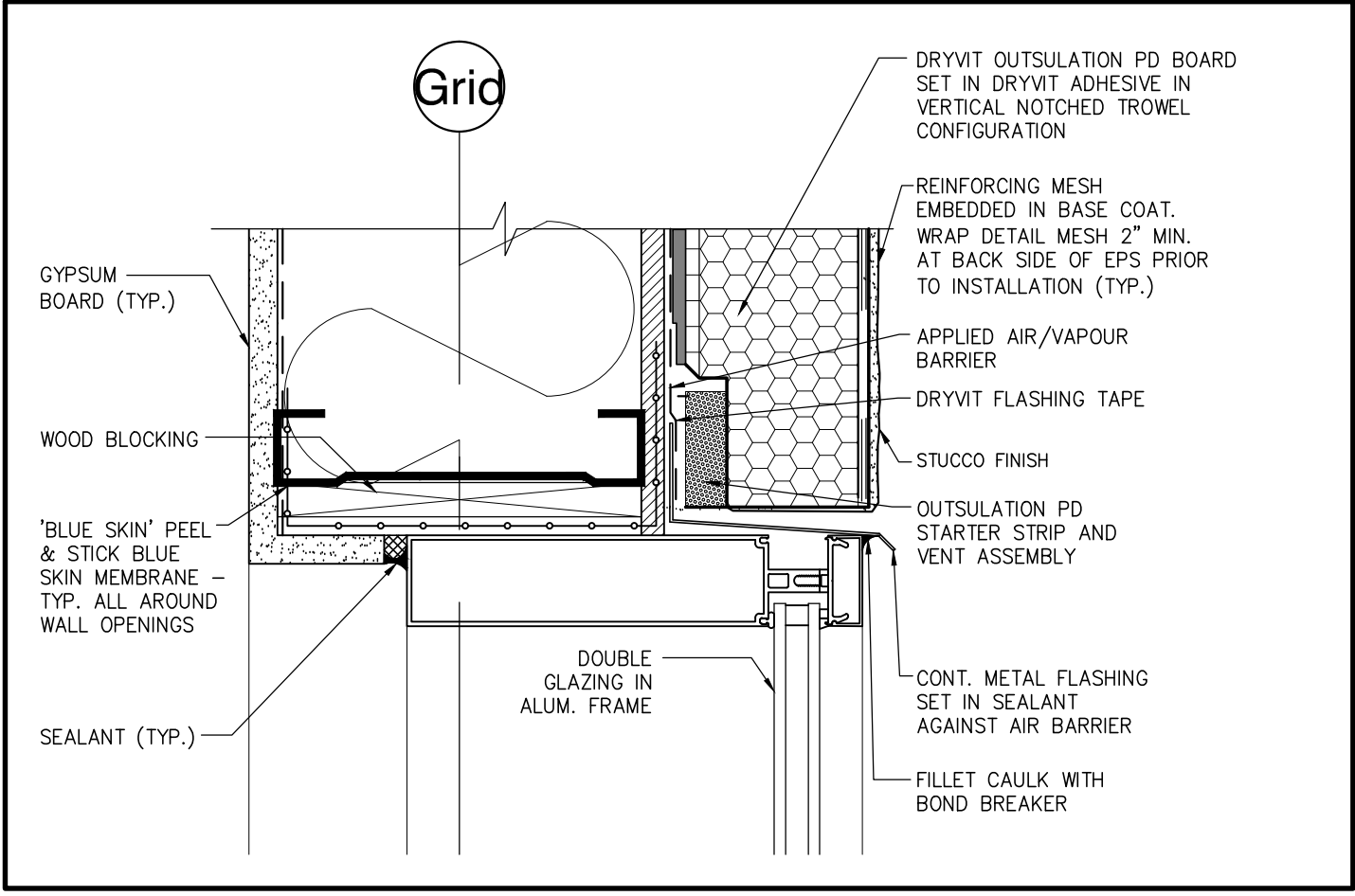
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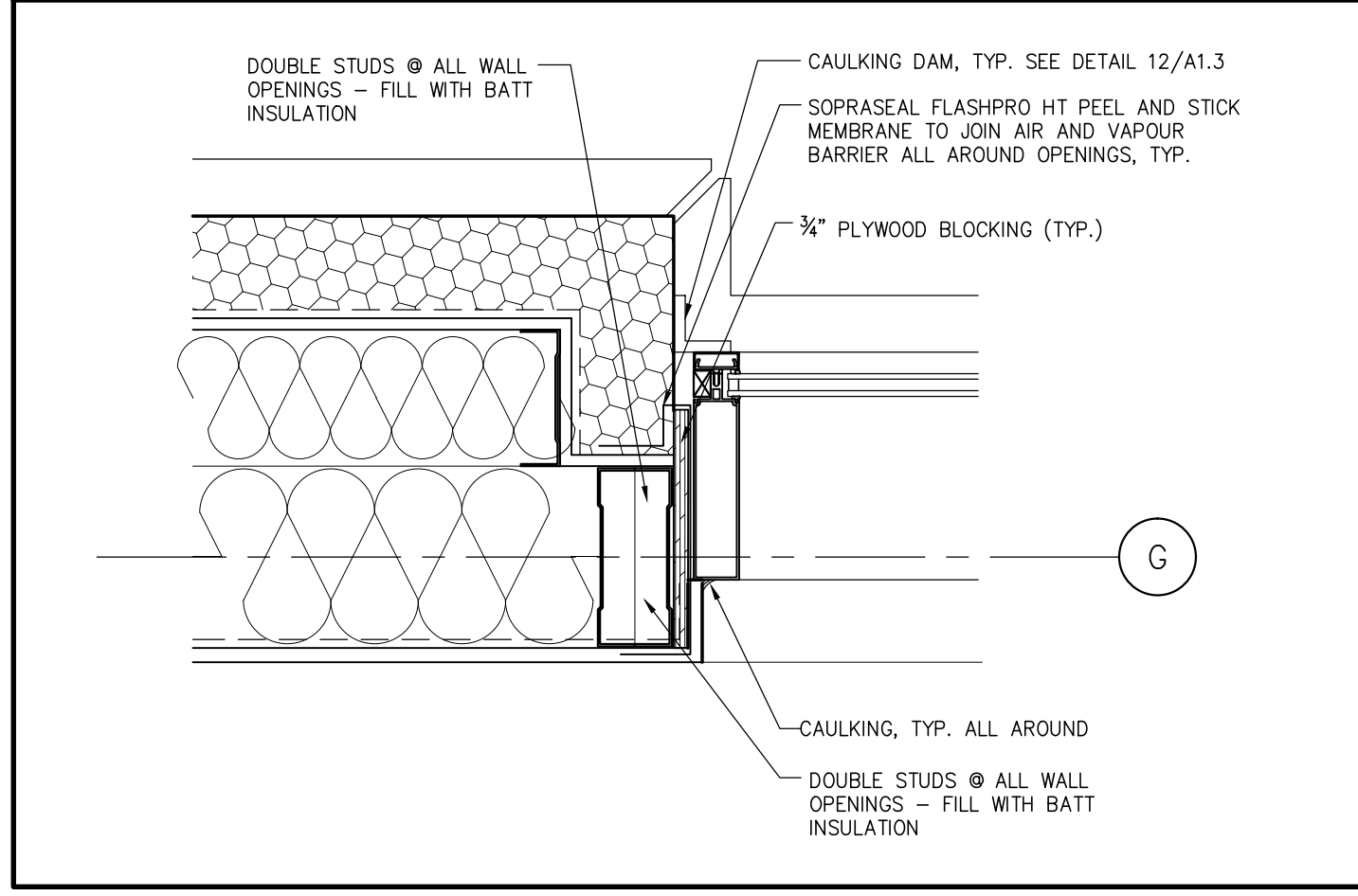
7 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



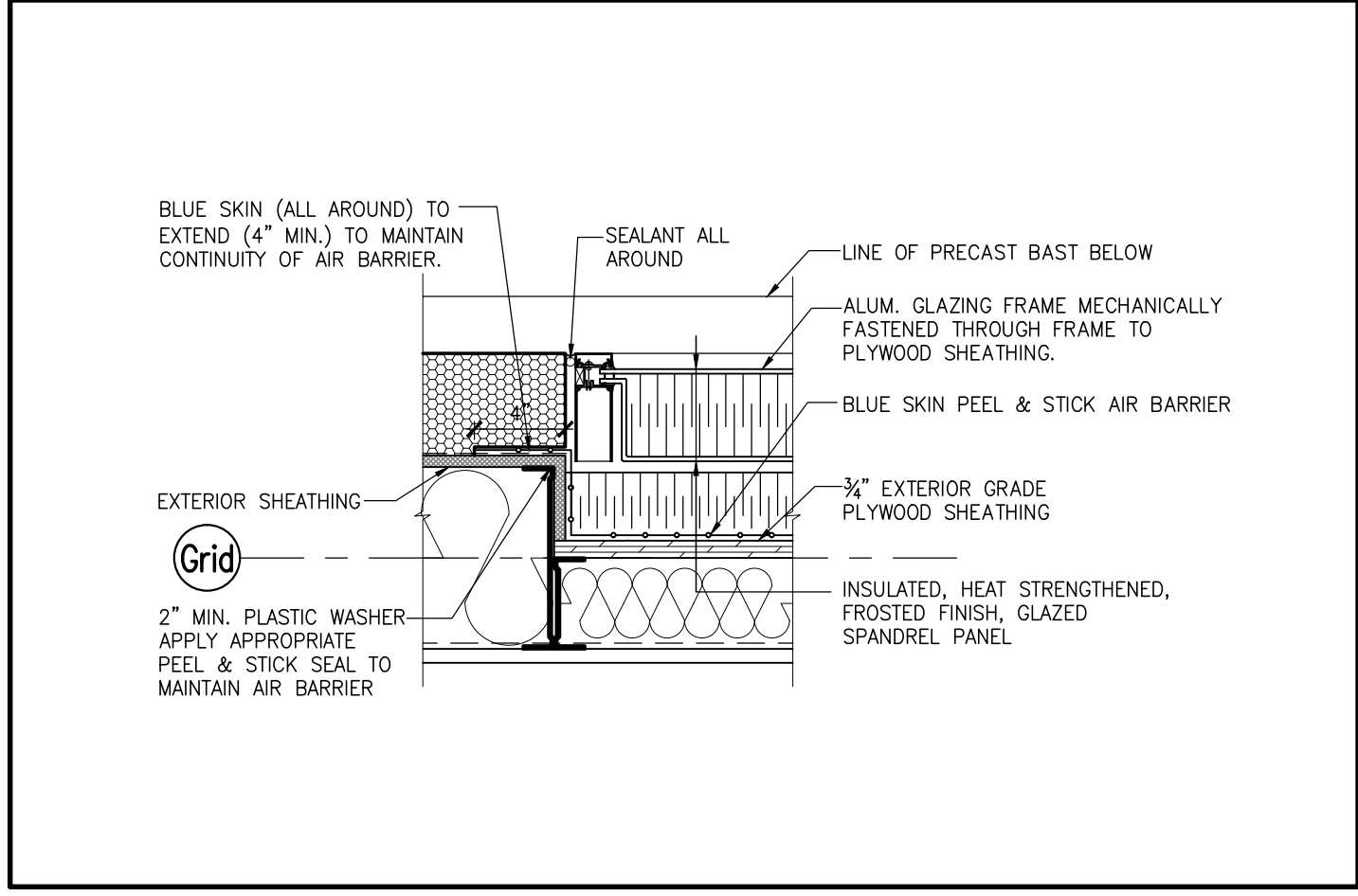
6 PLAN DETAIL
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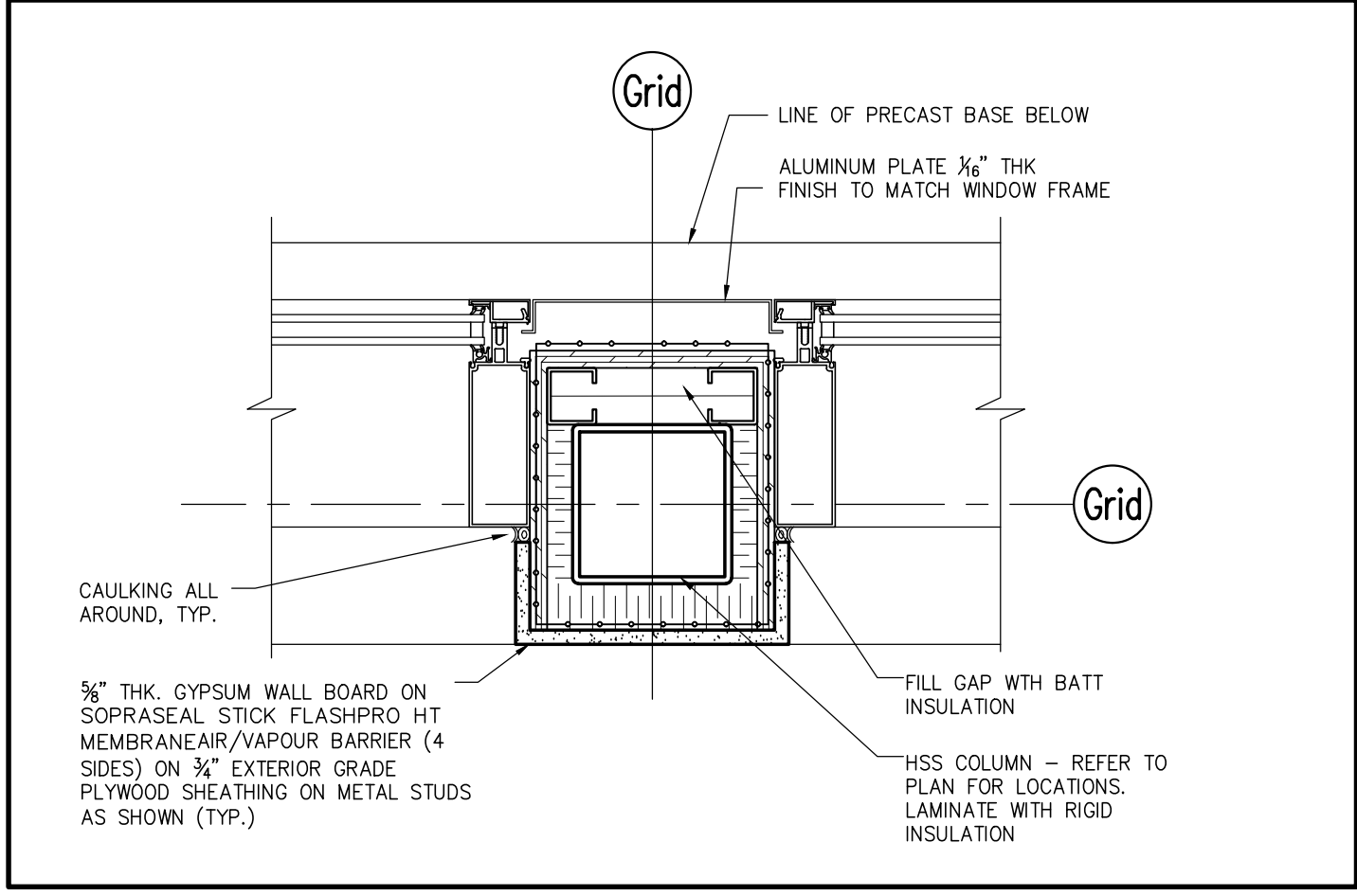
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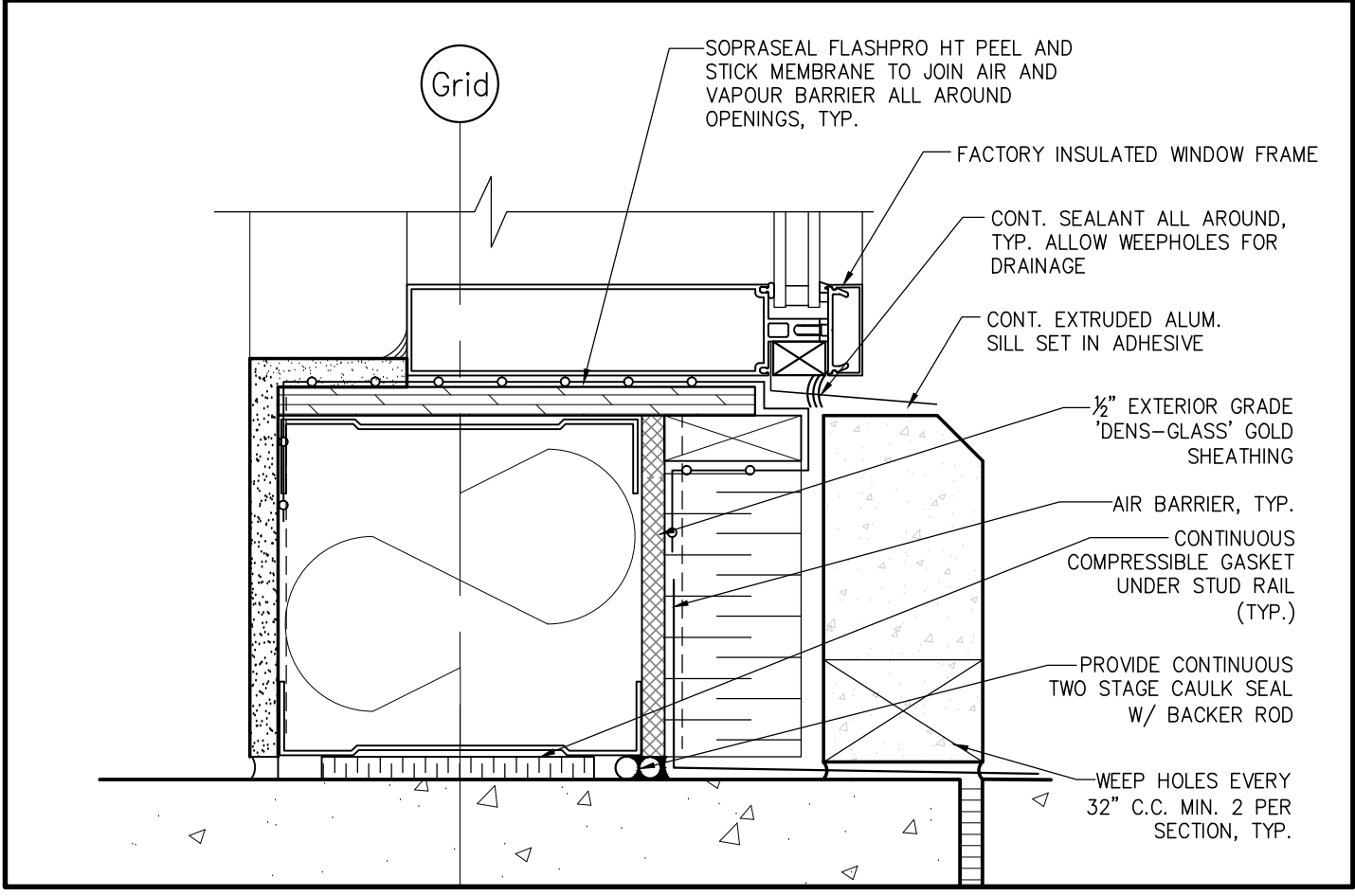
4 PLAN DETAIL
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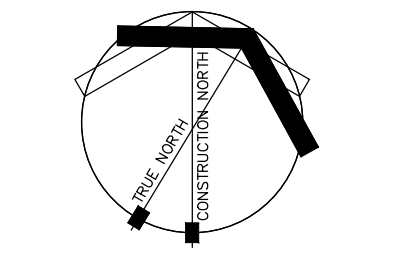
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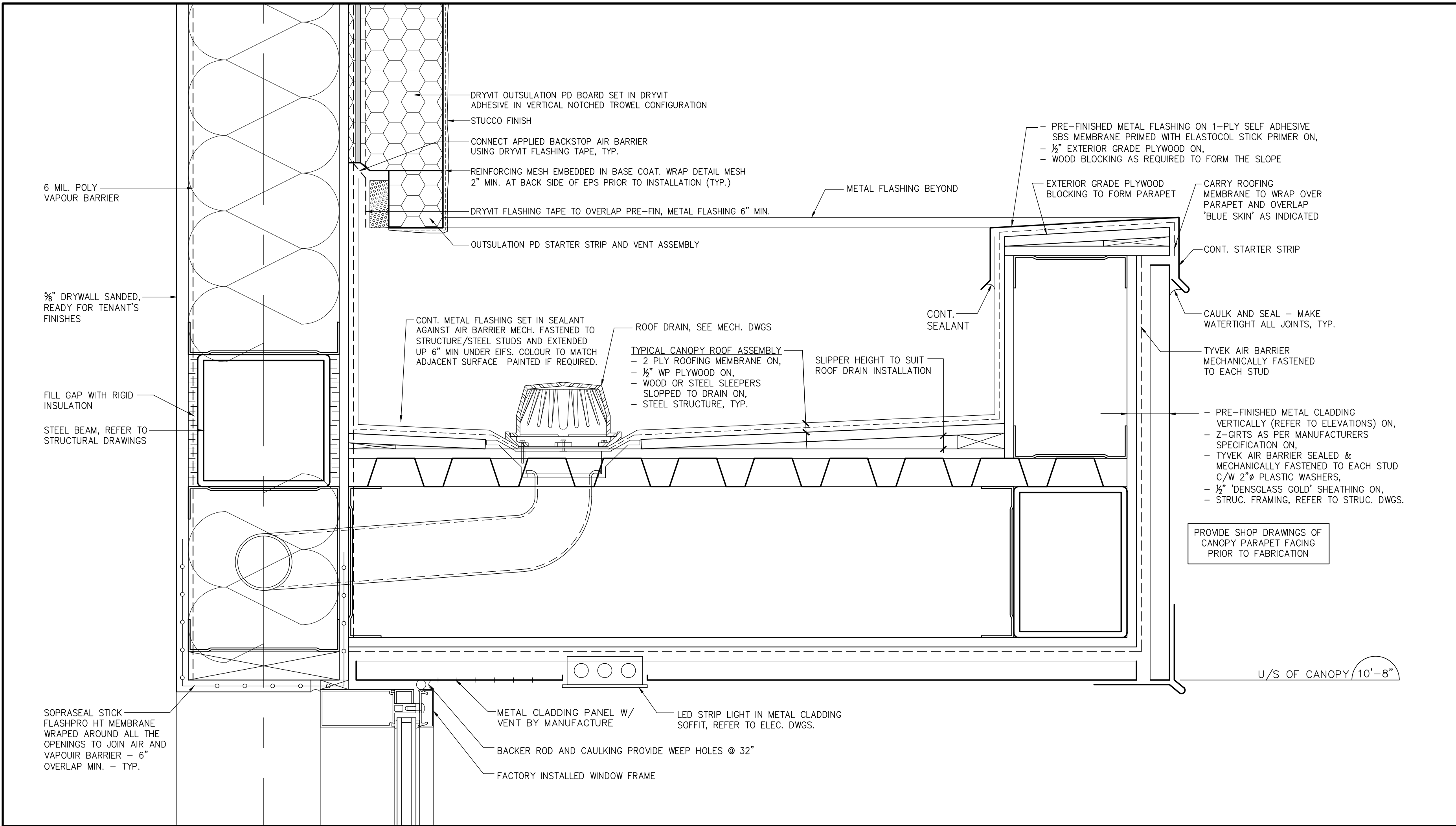
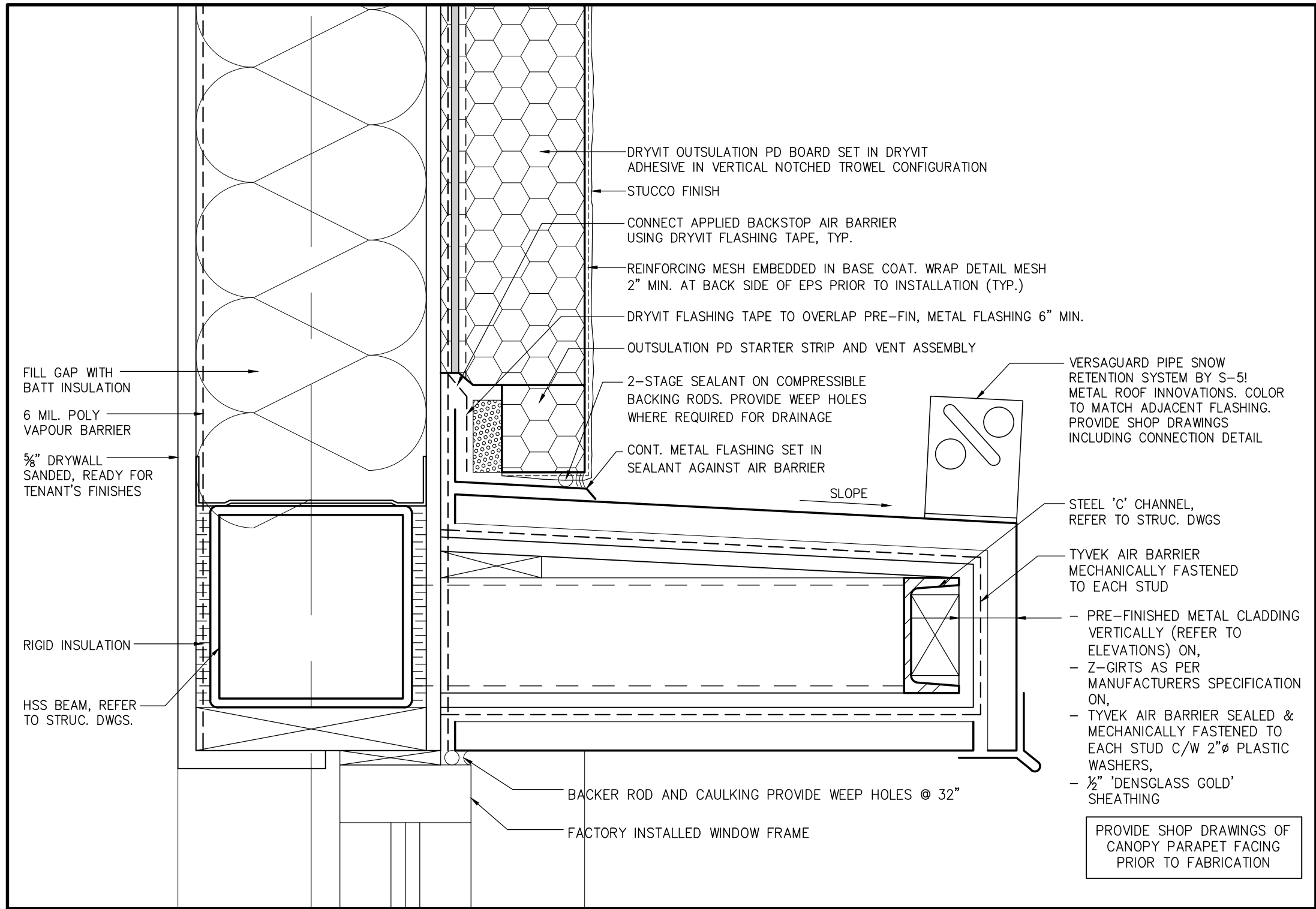
2 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



1 SECTION DETAIL
SCALE: 3" = 1'-0"



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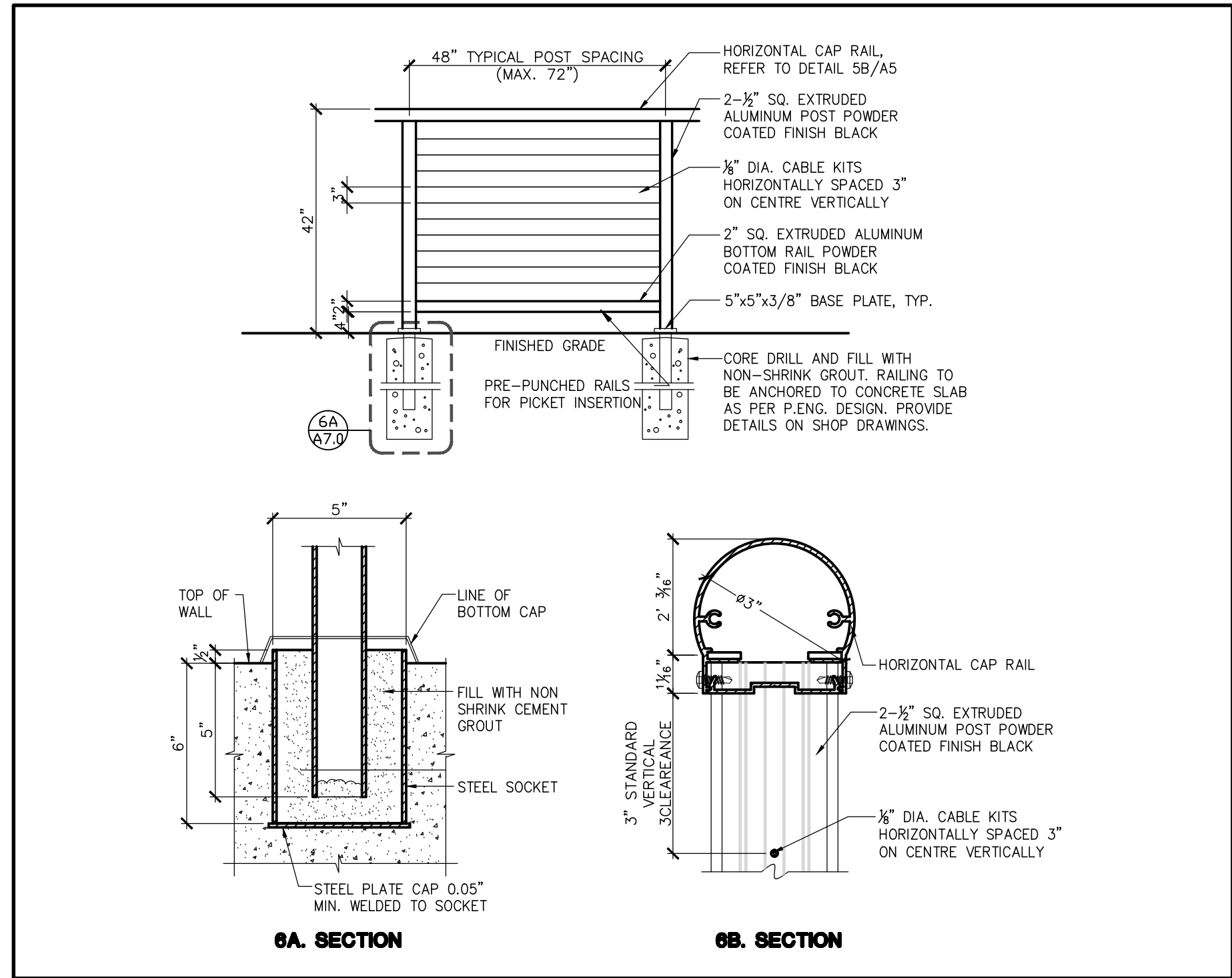
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SECTION DETAILS
MARY BROWNS POULET
PROTOTYPE
STREET NAME, CITY, PROVINCE

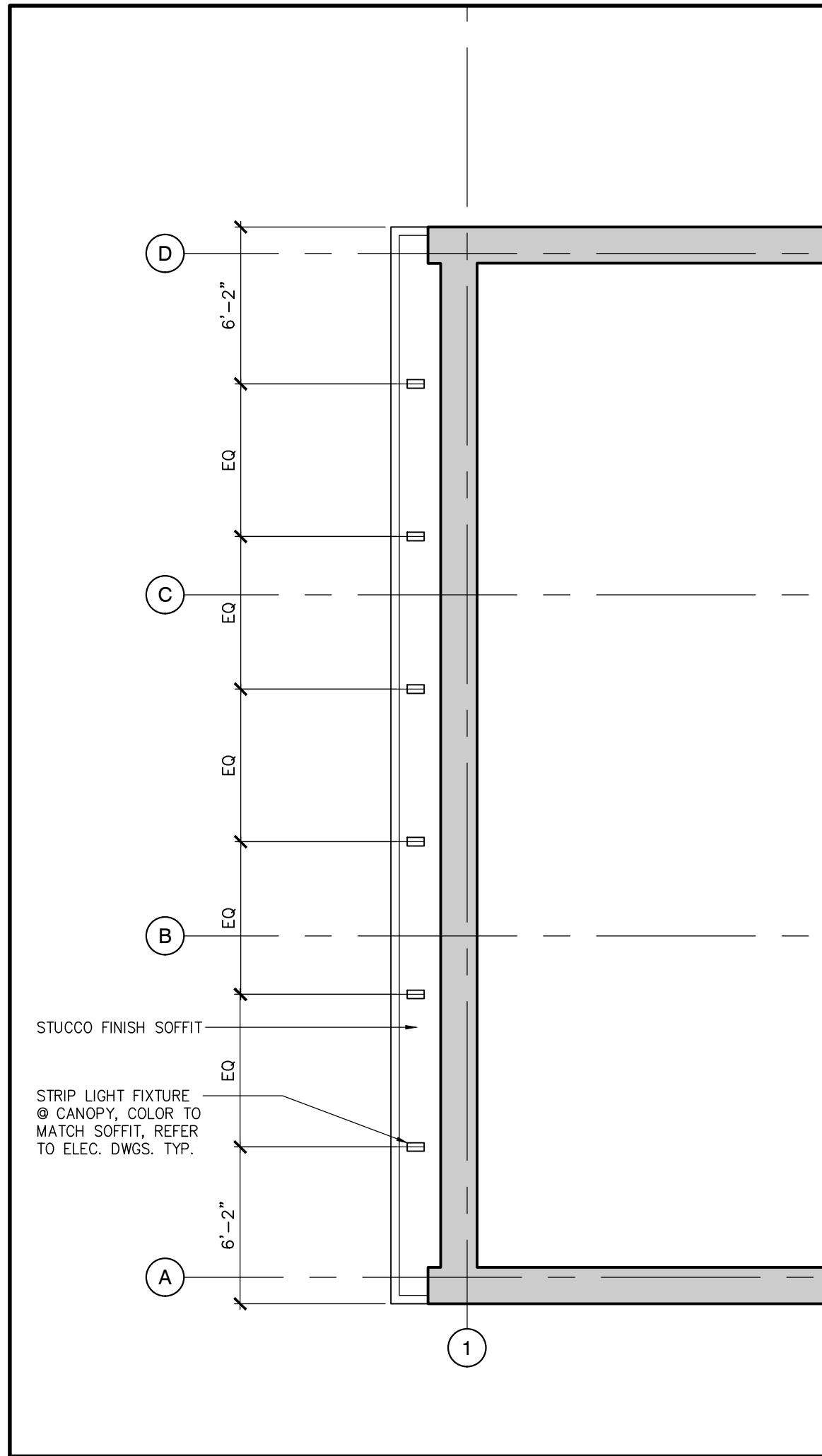
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A6.2

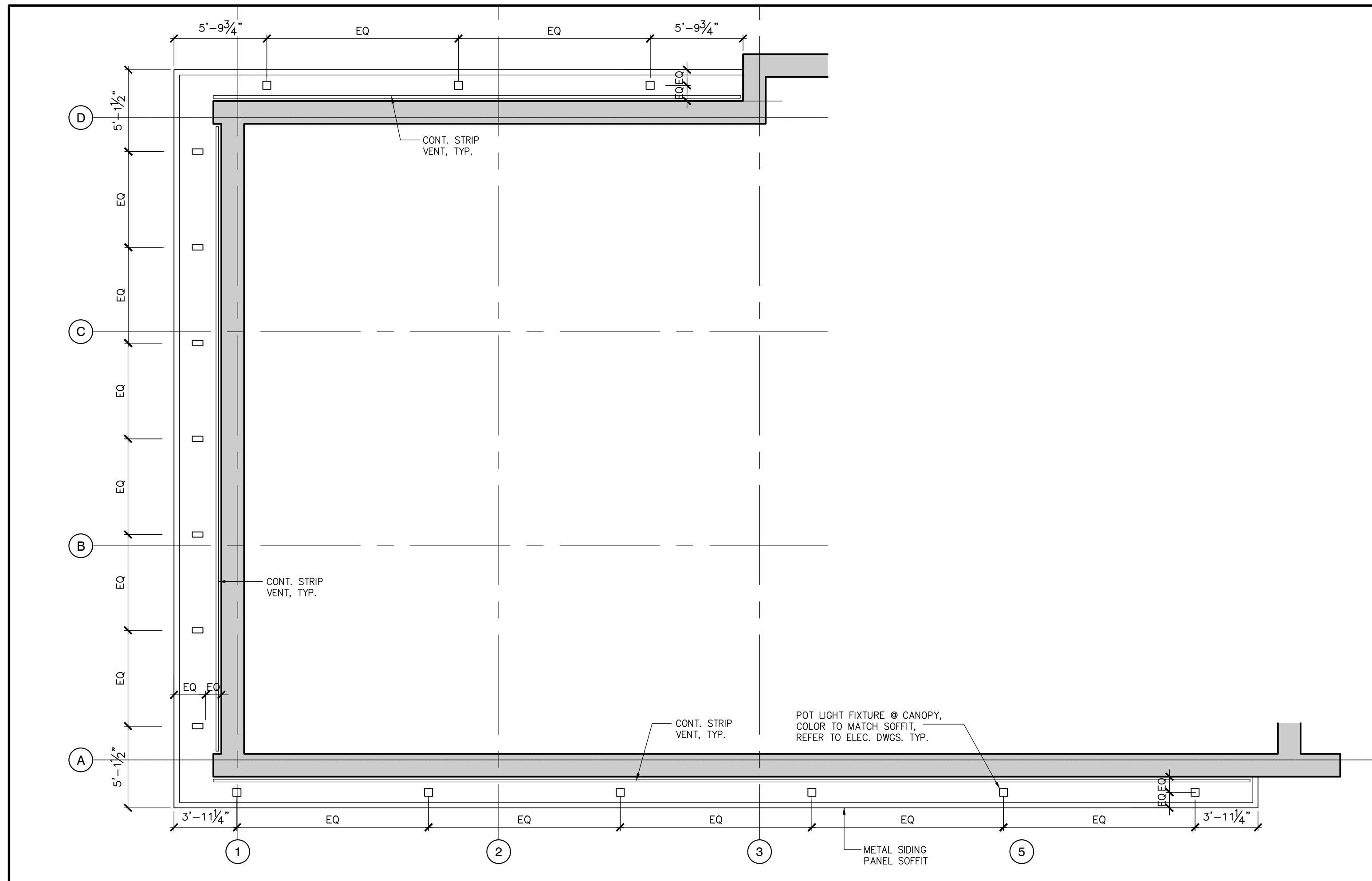
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6 TYP. DECORATIVE RAILING DETAIL
SCALE: 3/4" = 1'-0"



5 CANOPY REFLECTED CEILING PLAN
SCALE: 3/16" = 1'-0"



4 CANOPY REFLECTED CEILING PLAN
SCALE: 3/16" = 1'-0"

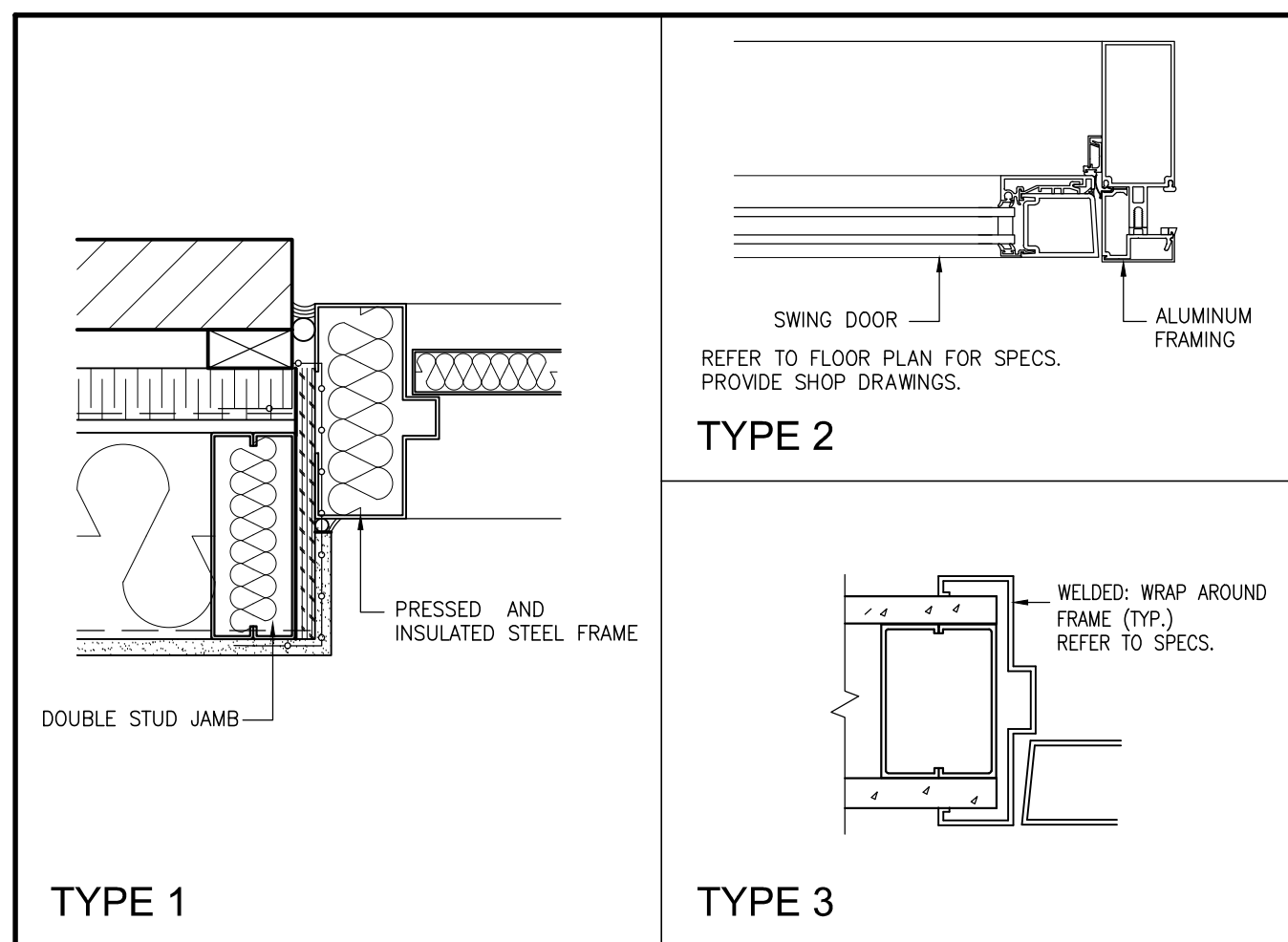
DOOR AND FRAME SCHEDULE																											
No.	LOCATION	TYPE	QUANTITY	DOORS										FRAMES / SCREENS				REMARKS									
				WIDTH	HEIGHT	THICKNESS	EXTRUDED ALUMINUM	HOLLOW METAL	INSULATED HOLLOW METAL	SOLID CORE WOOD	SOLID CORE WOOD	SOLID VINYL - COLOURED	PREFINISHED	PAINT	PLASTIC	SOLID VINYL	FIRE RATING		TYPE	MATERIAL	EXTRUDED ALUMINUM	HOLLOW METAL	INSULATED HOLLOW METAL	PRESSED STEEL INSULATED	PREFINISHED	PAINT	FIRE RATING
D1	VESTIBULE TO EXTERIOR FRONT	A	1	6'-4"	7'-0"	1 3/4"	1										B-B	2	1				1			1	PRE-FINISHED ENTRY DOOR TO MATCH GLAZING
D2	KITCHEN AREA TO EXTERIOR REAR	B	1	3'-2"	7'-0"	1 3/4"		3					2				A-A	1		3			2			2	PAINT DOOR & FRAME EXTERIOR SIDE ONLY, COLOR TO MATCH ADJACENT SURFACE.
D3	SEATING AREA TO BF WC #1	C	1	3'-2"	7'-0"	1 3/4"		2					2				A-A	3		2			2			3	PAINT DOOR & FRAME BOTH SIDES, COLOR: WITCHING HOUR, PAINT FINISH: EGGSHELL
D4	SEATING AREA TO BF WC #2	C	1	3'-2"	7'-0"	1 3/4"		2					2				A-A	3		2			2			3	
<u>DOOR AND DOOR HARDWARE/CLOSURE NOTES</u>																											
<div>1. (EXIT DOORS) SHALL NOT BE SUBJECT TO THE USE OF A KEY OR REQUIRE SPECIAL KNOWLEDGE TO OPERATE. REFER TO NFPA 101 LIFE SAFETY CODE, CHAPTER 7, SEC. 7.2.1.5.1, 2000 EDITION.</div> <div>2. THE GENERAL CONTRACTOR IS TO PROVIDE CONSTRUCTION CORES FOR ALL DOORS. TENANT TO PROVIDE AND INSTALL ALL PERMANENT (BEST) CORES FOR DOOR.</div> <div>3. PROVIDE LEVER TYPE HARDWARE, PANIC BARS, PUSH - PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. (30" TO 44" A.F.F.)</div> <div>4. ALL EXTERIOR H.M. DOOR FRAMES SHALL BE PAINTED ON THE EXTERIOR SIDE ONLY, COLOR TO MATCH ADJACENT SURFACE UNLESS OTHERWISE NOTED ON PLAN & ELEVATIONS.</div> <div>5. ALL EXTERIOR HOLLOW METAL DOORS SHALL BE INSULATED & HAVE A RAIN DRIP EDGE PROVIDED.</div> <div>6. DOOR FRAMES TO BE SET FLOSH TO FLOOR SLAB. PROVIDE FOR 1/4" MAX CAULK JOINT.</div> <div>7. WHERE CLOSURES ARE LOCATED IN FIRE SEPARATIONS, THEY WILL BE INSTALLED IN COMPLIANCE WITH NFPA 80, "FIRE DOORS AND OTHER OPENING PROTECTIVES" (NFPA 80), AND, WHERE REQUIRED TO HAVE A FIRE-PROTECTION RATING (FPR), WILL HAVE LABELS OR CLASSIFICATION MARKS TO IDENTIFY THE APPLICABLE TESTING LABORATORY.</div> <div>8. SERVICE PENETRATIONS LOCATED IN REQUIRED FIRE SEPARATIONS WILL BE PROTECTED WITH FIRE DAMPERS AND FIRE STOPPING MATERIALS IN ACCORDANCE WITH NBC ARTICLES 3.1.8.7, 3.1.8.9. AND 3.1.9.1. TO MAINTAIN THE CONTINUITY OF THE FIRE SEPARATION.</div> <div>9. CLOSURES IN FIRE SEPARATIONS WILL BE PROVIDED WITH SELF-CLOSING AND SELF-LATCHING HARDWARE. CLOSURES IN FIRE SEPARATIONS REQUIRING A FIRE-RESISTANCE RATING WILL HAVE A FIRE-PROTECTION RATING AND WILL HAVE LISTED/LABELED SELF-CLOSING AND SELF- LATCHING HARDWARE.</div>																											

DOOR AND DOOR HARDWARE/CLOSURE NOTES

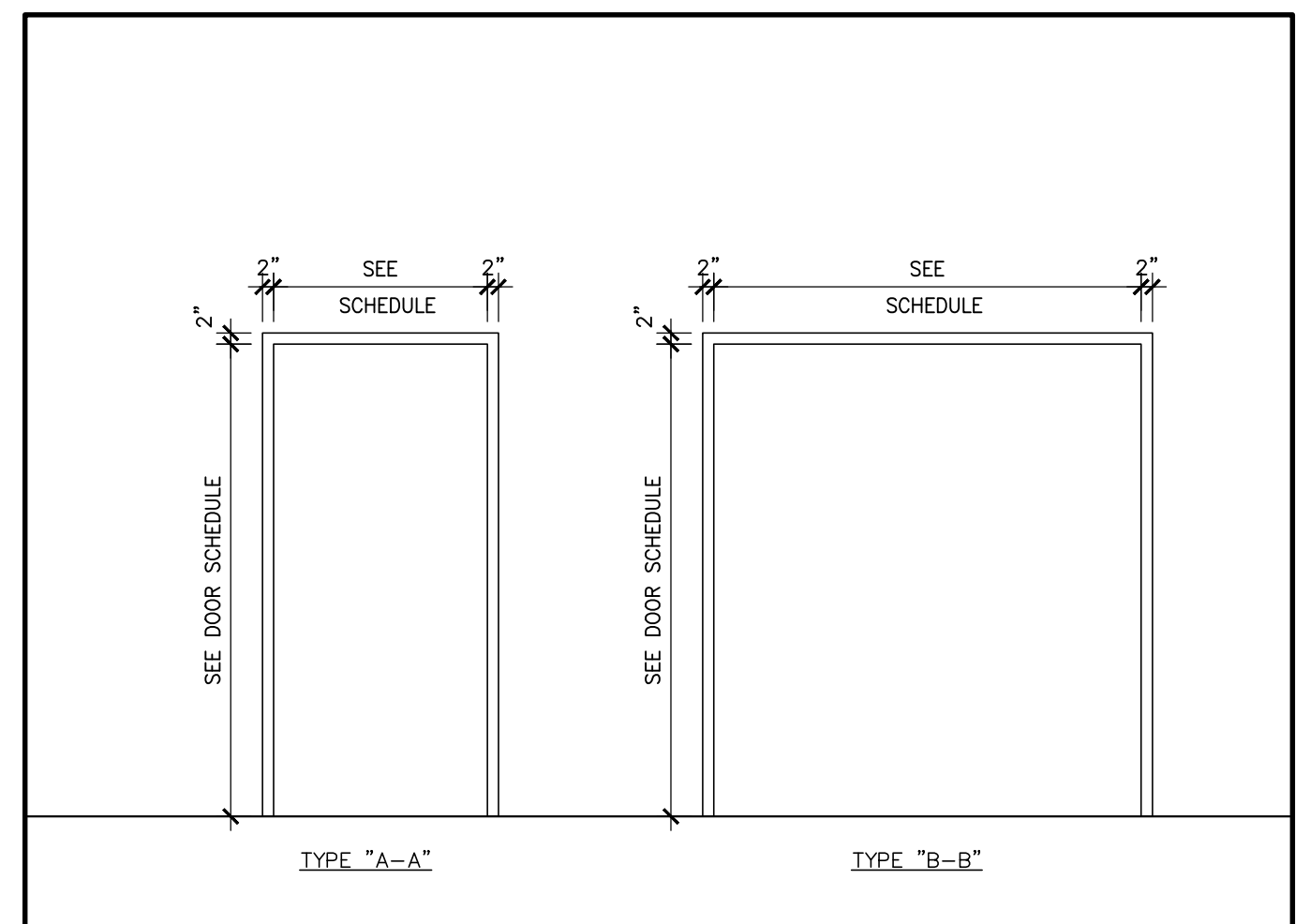
- (EXIT DOORS) SHALL NOT BE SUBJECT TO THE USE OF A KEY OR REQUIRE SPECIAL KNOWLEDGE TO OPERATE. REFER TO NFPA 101 LIFE SAFETY CODE, CHAPTER 7, SEC. 7.2.1.5.1, 2000 EDITION.
- THE GENERAL CONTRACTOR IS TO PROVIDE CONSTRUCTION CORES FOR ALL DOORS. TENANT WILL PROVIDE AND INSTALL ALL PERMANENT (BEST) CORES FOR DOORS.
- PROVIDE LEVER TYPE HARDWARE, PANIC BARS, PUSH - PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
- (30" TO 44" A.F.F.)
- ALL EXTERIOR H.M. DOOR FRAMES SHALL BE PAINTED ON THE EXTERIOR SIDE ONLY, COLOUR TO MATCH ADJACENT SURFACE UNLESS OTHERWISE NOTED ON PLAN & ELEVATIONS.
- ALL EXTERIOR HOLLOW METAL DOORS SHALL BE INSULATED & HAVE A RAIN DRIP EDGE PROVIDED.
- DOOR FRAMES TO BE SET FLUSH TO FLOOR SLAB. PROVIDE FOR 1/4" MAX CAULK JOINT.
- WHERE CLOSURES ARE LOCATED IN FIRE SEPARATIONS, THEY WILL BE INSTALLED IN CONFORMANCE WITH NFPA 80, "FIRE DOORS AND OTHER OPENING PROTECTIVES" (NFPA 80), AND, WHERE REQUIRED TO HAVE A FIRE-PROTECTION RATING (FPR), WILL HAVE LABELS OR CLASSIFICATION MARKS TO IDENTIFY THE APPLICABLE TESTING LABORATORY.
- SERVICE PENETRATIONS LOCATED IN REQUIRED FIRE SEPARATIONS WILL BE PROTECTED WITH FIRE DAMPERS AND FIRE STOPPING MATERIALS IN ACCORDANCE WITH NBC ARTICLES 3.1.8.7, 3.1.8.9, AND 3.1.9.1.
- CLOSURES IN FIRE SEPARATIONS WILL BE PROVIDED WITH SELF-CLOSING AND SELF-LATCHING HARDWARE. CLOSURES IN FIRE SEPARATIONS REQUIRING A FIRE-RESISTANCE RATING WILL HAVE A FIRE-PROTECTION RATING AND WILL HAVE LISTED/LABELED SELF-CLOSING AND SELF-LATCHING HARDWARE.

		DOOR HARDWARE SCHEDULE															
Heading # 1		Heading # 2								Heading # 3							
1 SGL D1 BUILDING TO EXTERIOR FRONT		1 PR D2 BUILDING TO EXTERIOR REAR								1 PR D3 BF WC #1 TO SEATING AREA							
TYPE A 2 @ 3'-2" x 7'-0" x 1-3/4"		TYPE B 2 @ 3'-2" x 7'-0" x 1-3/4"								TYPE C 3'-2" x 7'-0" x 1-3/4"							
6 HINGES		3 HINGES								6 HINGES							
1 DEADLOCK		1 EXIT DEVICE								1 B/7 OPERATOR							
1 DEADLOCK TRIM		1 RM CYLINDER								1 FLOOR STOP							
1 MORTISE CYLINDER		1 DOOR CLOSER								1 STOREROOM LOCK							
2 (SETS) DOOR PULLS		1 KICKPLATE								4 ACTUATORS							
1 DOOR CLOSER		1 THRESHOLD								4 BACK BOXES							
1 MOUNTING PLATE		1 WEATHERSTRIP								2 WASHROOM KIT							
1 AUTO OPERATOR		1 DOOR SWEEP								2 EMERGENCY KITCAM							
2 ACTUATOR BUTTONS		1 ASTRAGALS								2 ELECTRIC STRIKE							
2 MOUNTING BOXES										2 KICK PLATE							
2 KICKDOWN STOPS																	
1 THRESHOLD																	
2 DOOR SWEEPS																	
1 LATCH PROTECTOR																	

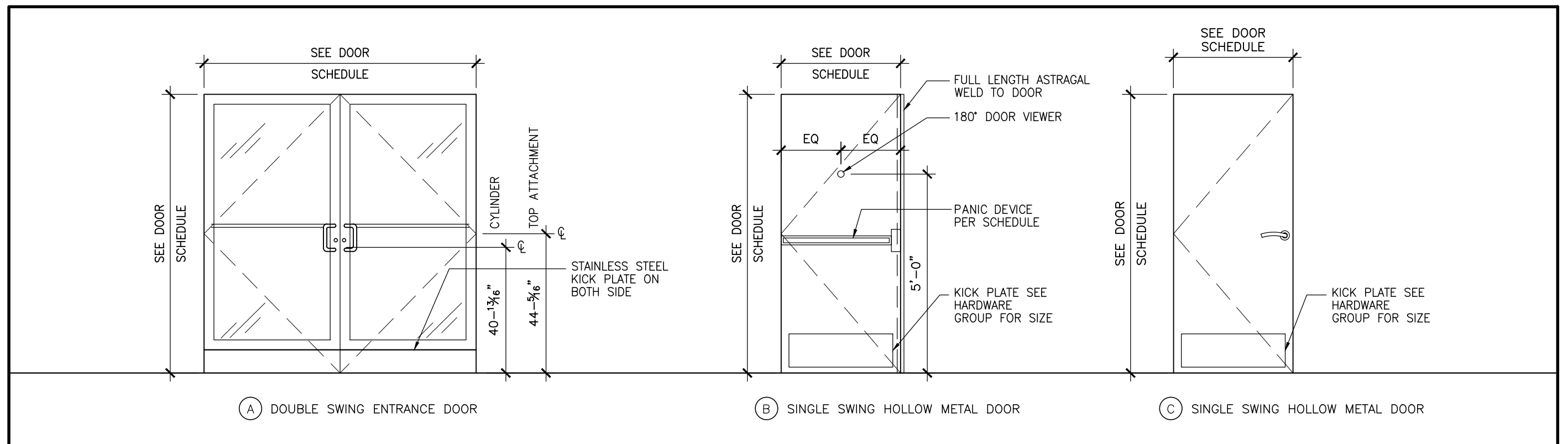
- NOTE :
- 120V WIRING & CONNECTIONS - BY OTHERS
 - FLUSH BOLTS & WEATHERSTRIP-BY ALUMINUM DOOR SUPPLIER
 - CONFIRMATION OF ACTIVE DOOR REQUIRED



3 FRAME TYPE DETAILS/ HEAD & JAMB
SCALE: NTS

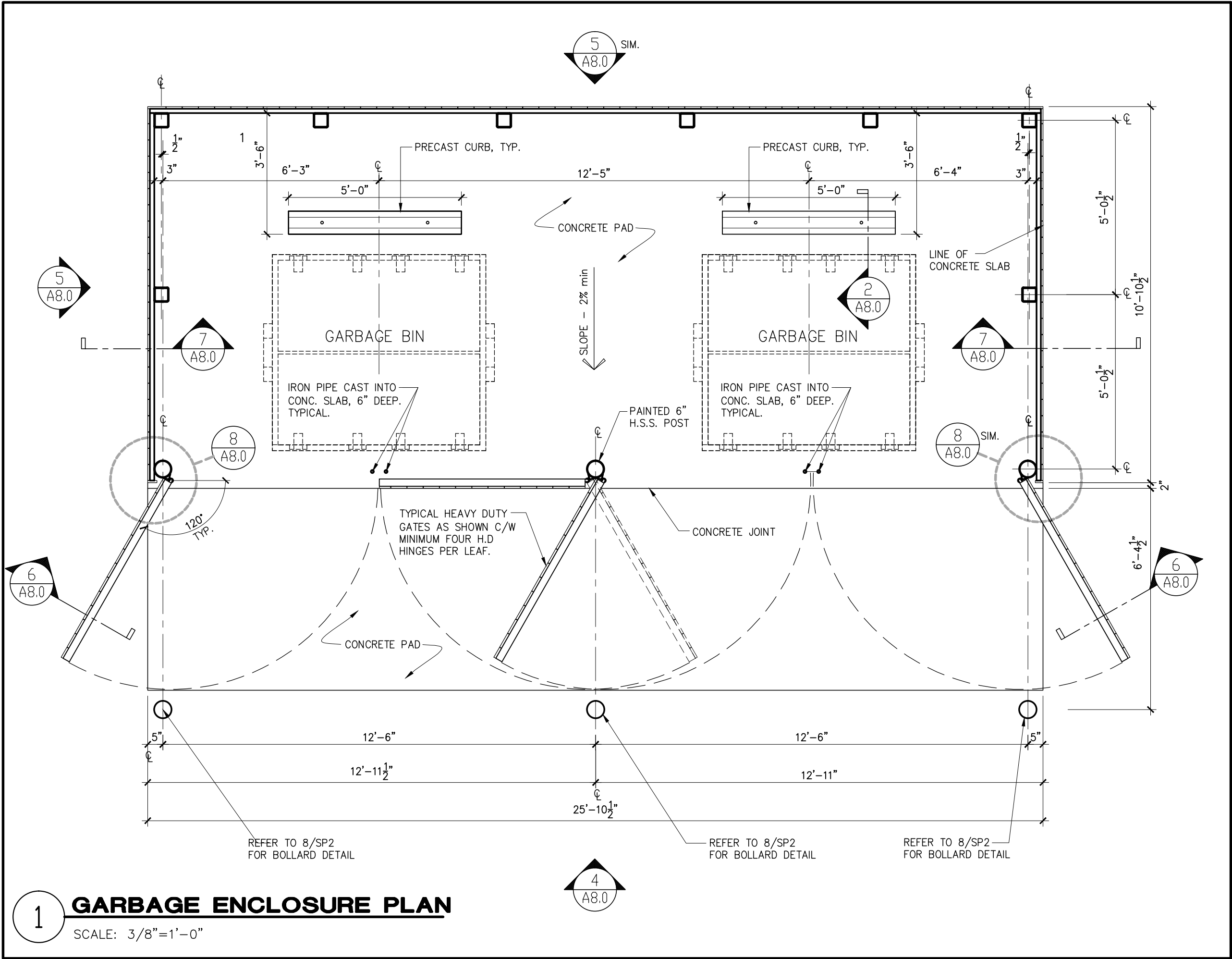
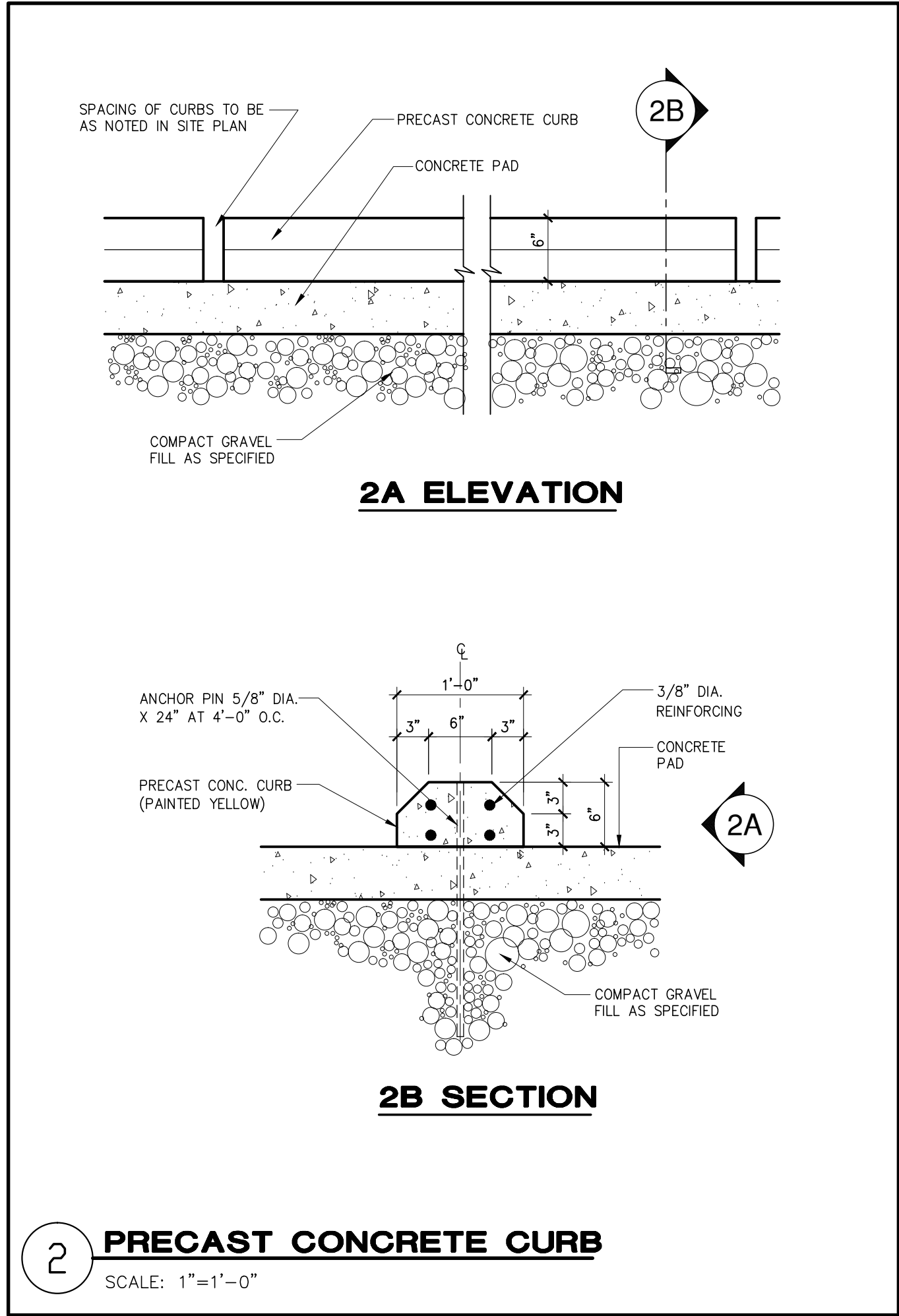
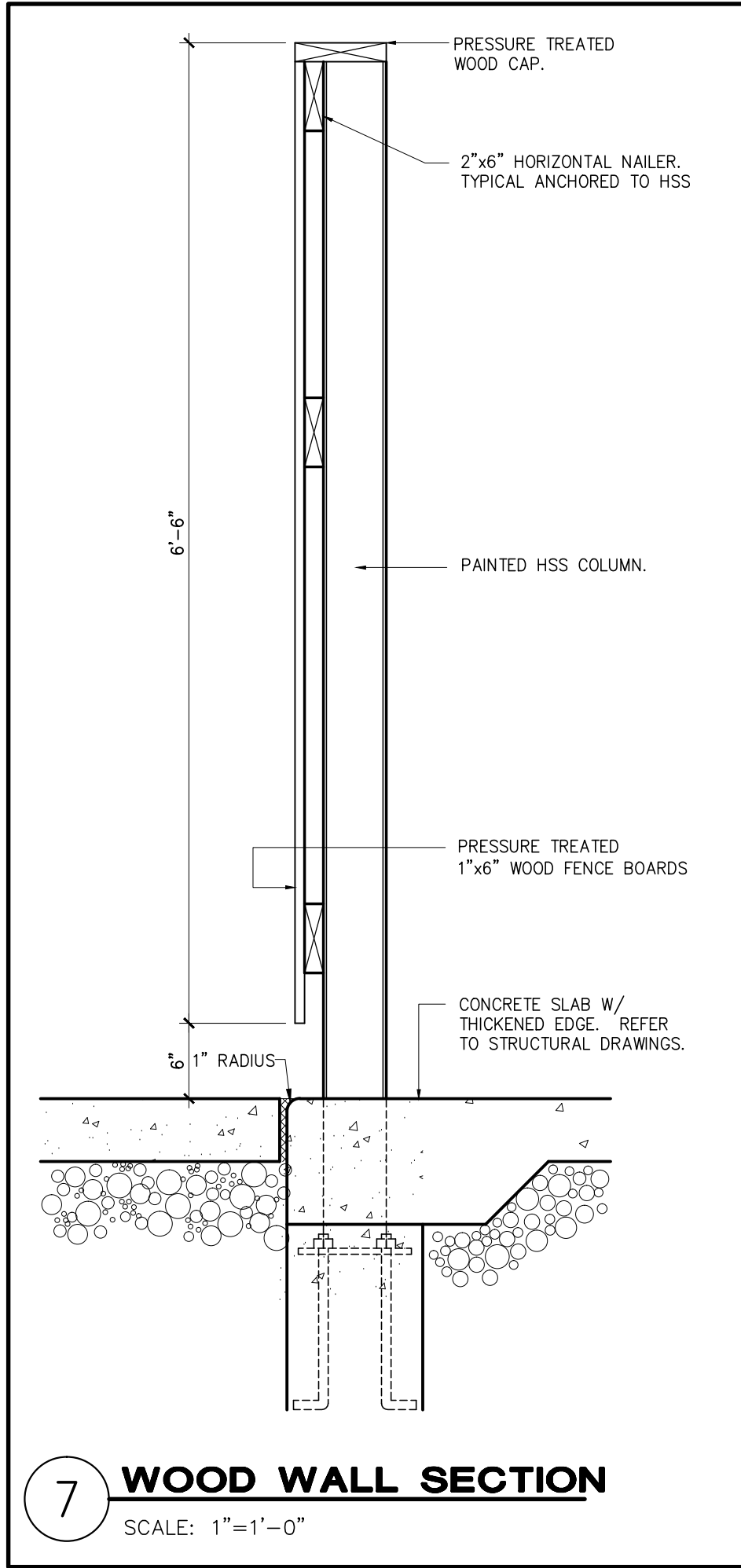
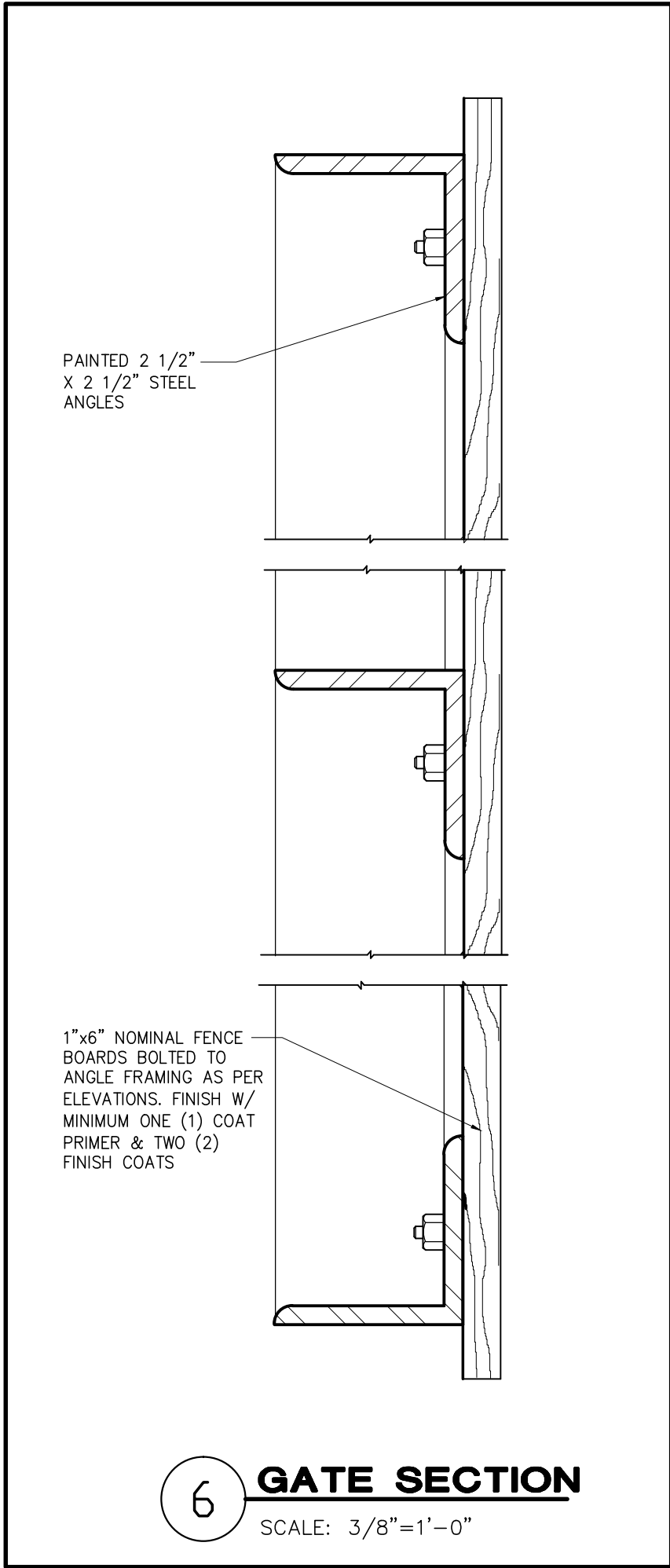
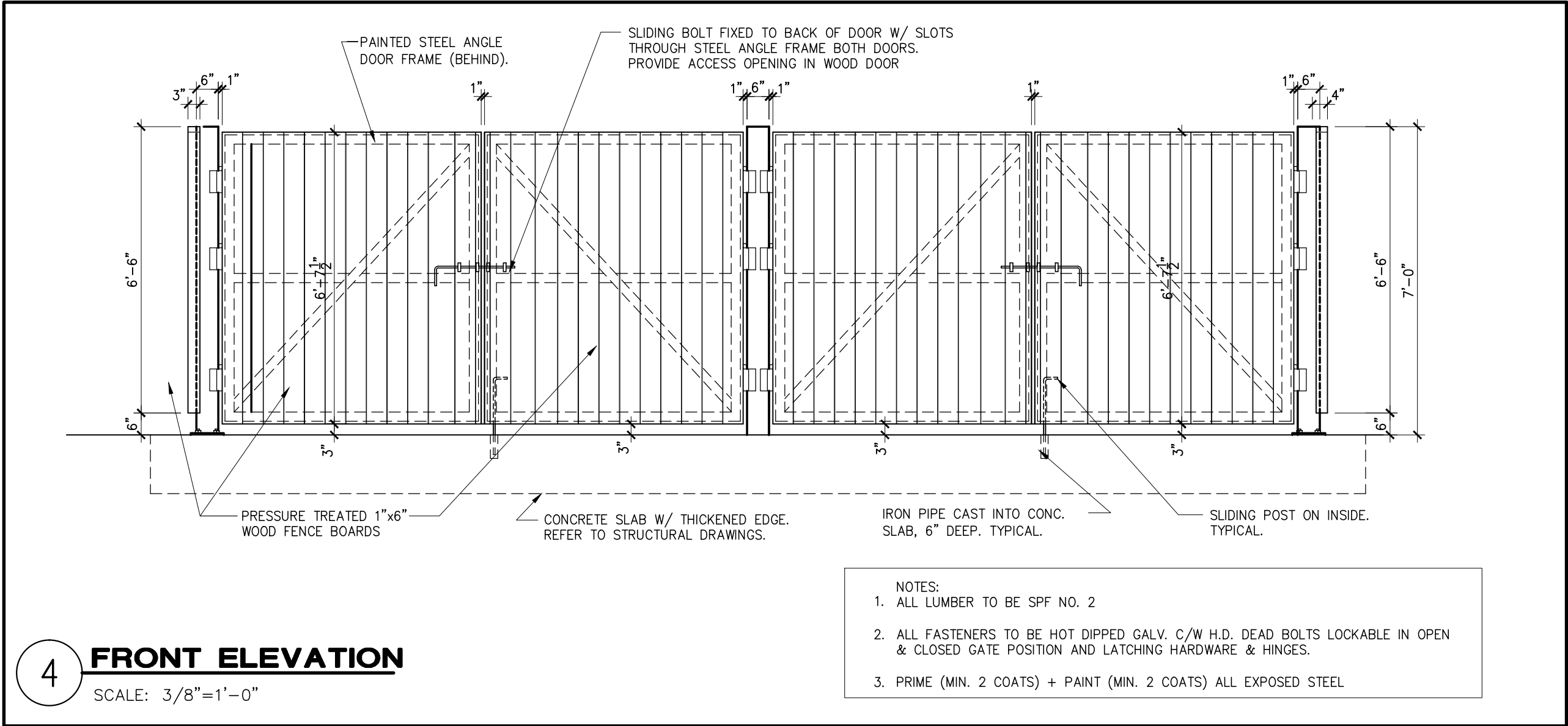
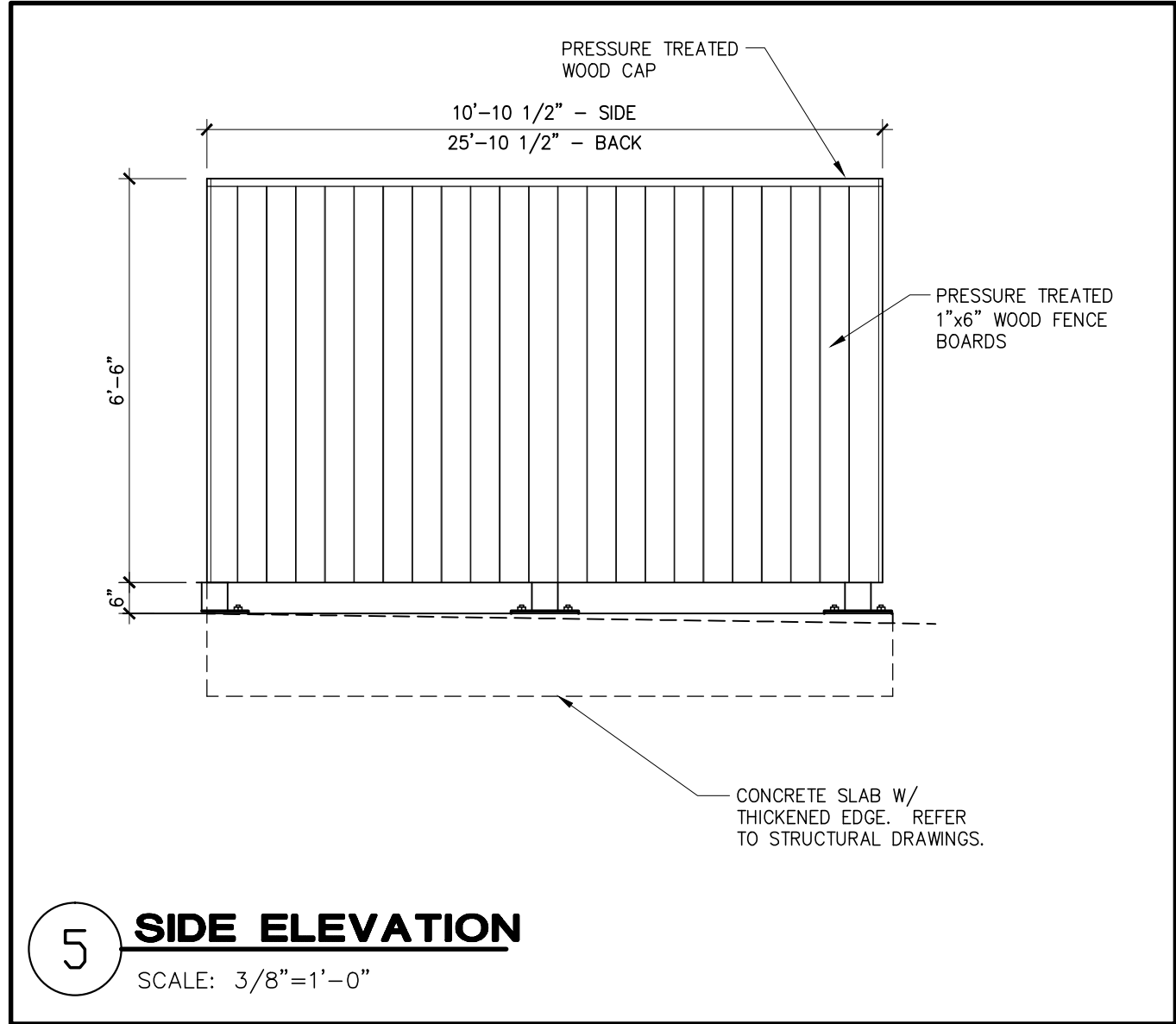
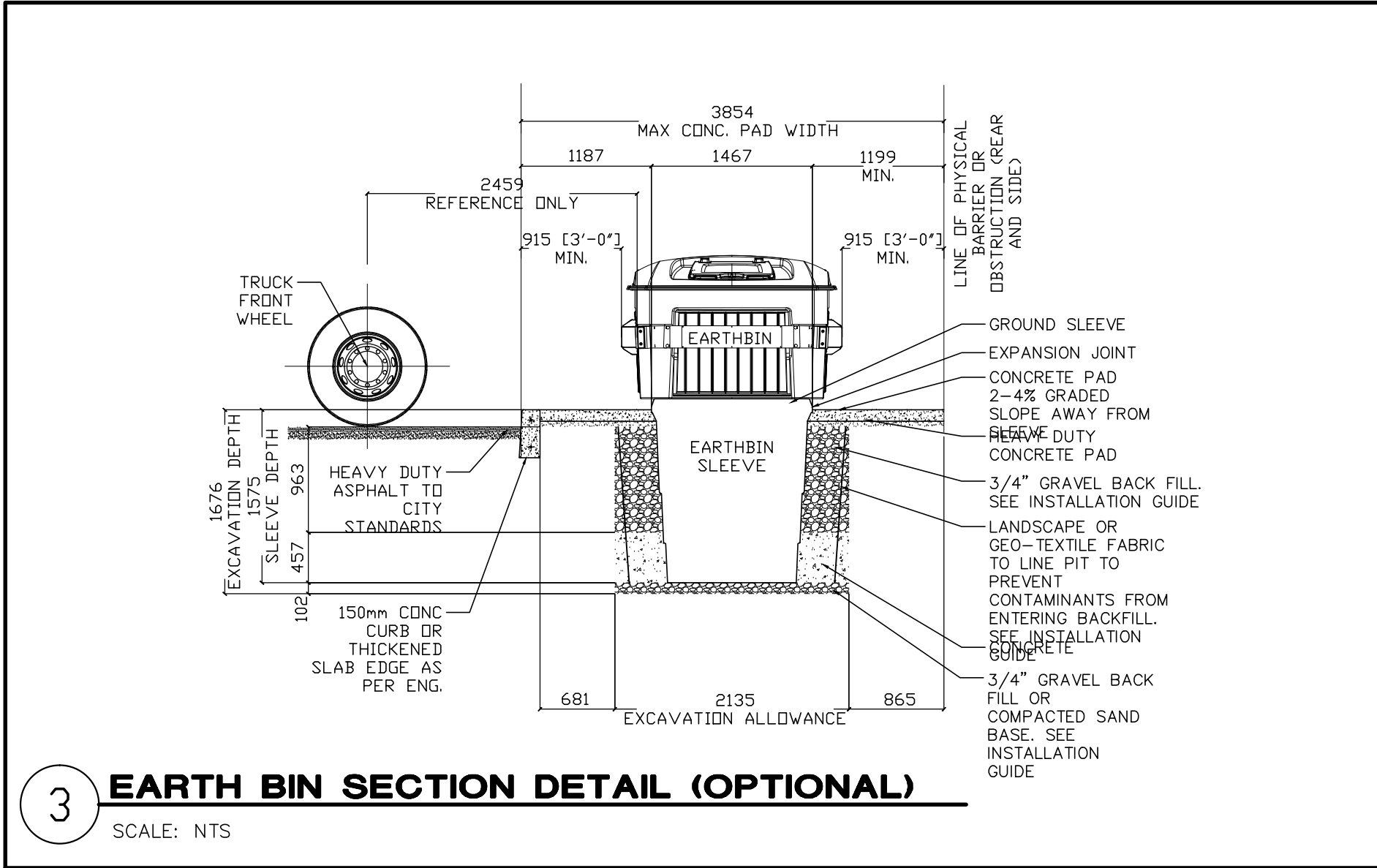
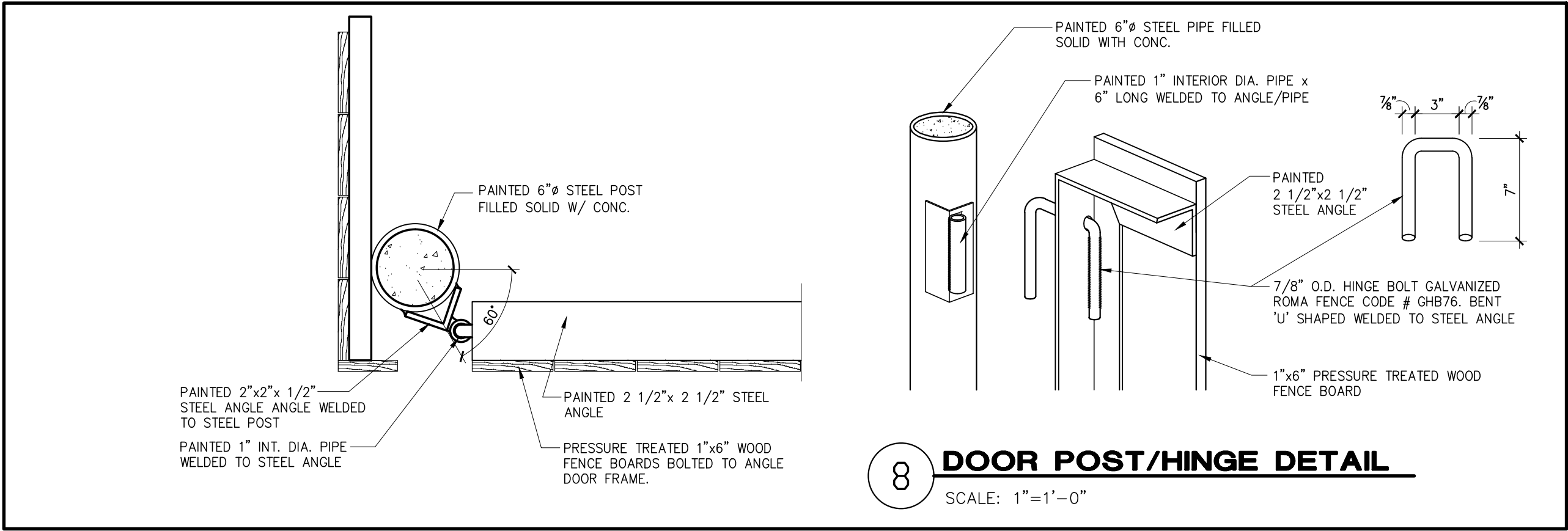


2 FRAME TYPES
SCALE: 3/8" = 1'-0"



1 DOOR TYPES
SCALE: 3/8" = 1'-0"

#	DATE	ISSUES & REVISIONS
AZ	MAY 18 2022	REVIEW 1.6.2022
AZ	MAY 12 2022	REVIEW 1.3.2022
AZ	MAY 6 2022	REVIEW 1.4.2022
AZ	APR 26 2022	REVIEW 1.3.2022
AZ	MAR 30 2022	REVIEW 1.2.2022



ISSUES & REVISIONS			
#	DATE	BY	REVISIONS
AZ	MAY 18 2022	REVIEW 14.2022	
AZ	MAY 12 2022	REVIEW 13.2022	
AZ	MAY 6 2022	REVIEW 12.2022	
AZ	APR 26 2022	REVIEW 11.2022	
AZ	MAY 30 2022	REVIEW 10.2022	

DUROCK PUCCS

PRESSURE-UTILIZED COMPARTMENTED CAVITY SYSTEM EXTERIOR INSULATION FINISH SYSTEM FOR NON-COMBUSTIBLE CONSTRUCTION

MANUFACTURER'S SPECIFICATION 07 24 10

PART 1 - GENERAL

1.1 RELATED SECTIONS

1. SPECIFICATION 03 30 00 - CAST-IN-PLACE CONCRETE
2. SPECIFICATION 04 20 00 - UNIT MASONRY
3. SPECIFICATION 04 40 00 - COLD-FORMED METAL FRAMING
4. SPECIFICATION 06 10 00 - ROUGH CARPENTRY
5. SPECIFICATION 07 27 00 - AIR BARRIERS
6. SPECIFICATION 07 60 00 - FLASHING & SHEET METAL
7. SPECIFICATION 07 90 00 - JOINT PROTECTION (SEALANTS)
8. SPECIFICATION 08 00 00 - OPENINGS
9. SPECIFICATION 09 28 00 - BACKING BOARD AND UNDERLAYMENTS

1.2 SYSTEM DESCRIPTION

1. DUROCK PUCCS IS AN EXTERIOR INSULATION AND FINISH SYSTEM THAT INCLUDES AN AIR/MOISTURE BARRIER, OR OPTIONAL AIR/MOISTURE/VAPOUR BARRIER, APPLIED TO THE BUILDING SUBSTRATE AS A SECONDARY MOISTURE BARRIER.
2. THIS SYSTEM HAS BEEN EVALUATED AND APPROVED BY THE CANADIAN CONSTRUCTION MATERIALS CENTRE (CMCC), UNDER EVALUATION REPORT NO. 12969-R.
3. DUROCK PUCCS IS INTENDED FOR USE WHERE THE MODEL BUILDING CODE PERMITS THE USE OF FIRE-TESTED WALL ASSEMBLIES THAT INCLUDE COMBUSTIBLE FOAMED PLASTIC INSULATION.

1.3 DESIGN REQUIREMENTS

1. BUILDING SUBSTRATES SHALL BE ENGINEERED BY OTHERS WHERE REQUIRED:
 1. SUBSTRATE SUPPORTING DUROCK PUCCS MUST BE STRUCTURALLY SOUND AND CONTINUOUSLY SUPPORTED. ALL SUBSTRATES SHALL BE:
 - A. CONTINUOUS, FLAT AND PLUMB, WITH SURFACE VARIATIONS LESS THAN 2 MM/M (¼ INCH PER 10 FT).
 - B. DESIGNED TO DEFLECT NOT MORE THAN 1/240.
 - C. CLEAN, DRY, AND FREE OF ANY DELETERIOUS MATERIAL THAT WOULD AFFECT THE ATTACHMENT OF THE DUROCK PUCCS, SUCH AS WAX, OIL, PAINT, DUST AND DIRT.
 2. MASS WALL SUBSTRATES INCLUDE:
 - A. CAST-IN-PLACE OR PREFABRICATED CONCRETE FREE OF FORM RELEASE AGENTS, AND CONCRETE OR CLAY BRICK MASONRY, UNPAINTED, AND FREE OF EFFLORESCENCE.
 - B. CONCRETE AND MASONRY WALLS MUST BE CURED AT LEAST 28 DAYS.
 - C. SHEATHING BOARDS SHALL BE ATTACHED WITH CORROSION RESISTANT SCREWS AND SUPPORTED BY ENGINEERED LIGHT GAUGE STEEL STUD FRAMING. SHEATHING JOINTS MUST NOT EXCEED 3.2 MM (1/8 INCH). SHEATHING SHALL BE MINIMUM 12.7 MM (½ INCH) THICK, AND:
 - A. GLASS-FIBRE FACED GYPSUM SHEATHING SHALL BE COMPLIANT WITH ASTM C 1177.
 - B. CEMENT BOARD SHALL BE COMPLIANT WITH ASTM C 1325 OR ANSI A118.9.
 - D. ALL SHEATHING BOARDS MUST BE CONTINUOUSLY SUPPORTED BY FRAMING, AND:
 - A. JOINTS SHALL NOT OCCUR AT THE CORNERS OF THROUGH-WALL PENETRATIONS, SUCH AS WINDOWS OR DOORS.
 - B. BOARDS SHALL BE INSTALLED HORIZONTALLY WITH VERTICAL JOINTS OFFSET, AT LEAST ONE STUD.
 2. TERMINATIONS AND EXPANSION JOINTS
 1. DUROCK PUCCS MUST TERMINATE AT LEAST:
 - A. 200 MM (8 INCHES) ABOVE FINISHED GRADE.
 - B. 50 MM (2 INCHES) ABOVE ROOFING SYSTEMS.
 2. EXPANSION AND TERMINATION JOINTS SHALL HAVE AN ELASTOMERIC SEALANT WITH A CLOSED-CELL FOAM BACKER ROD OR BOND BREAKER TAPE, AS SPECIFIED (IN SECTION 07 90 00 AND THE ARCHITECTURAL DRAWINGS).
 3. SEALANT JOINTS SHALL BE INSTALLED AS REQUIRED IN SUBSECTION 5.6.2 OF THE PROVINCIAL/NATIONAL BUILDING CODE AND IN GENERAL COMPLIANCE WITH ASTM C 1481.
 4. EXPANSION JOINTS IN DUROCK PUCCS ARE FORMED BY BACKWRAPPED TERMINATIONS IN THE SYSTEM, WHEREBY THE INSULATION IS ENCAPSULATED WITH THE REINFORCED BASE COAT.
 3. EXPANSION JOINTS BY OTHERS, AND ARE REQUIRED AT THE FOLLOWING LOCATIONS:
 - A. WHERE EXPANSION JOINTS IN THE SUBSTRATE OCCUR, INCLUDING BUILDING EXPANSION JOINTS AND WHERE SIGNIFICANT STRUCTURAL MOVEMENT MAY BE EXPECTED TO OCCUR.
 - B. AT THE ADJUNCTION OF DISSIMILAR SUBSTRATES.
 - C. AT DEFLECTION TRACKS IN STEEL FRAMED CONSTRUCTION.
 - D. AT FLOOR LINES IN WOOD FRAMED CONSTRUCTION.
 - E. AT CHANGES IN ROOF LINES, BUILDING SHAPE, OR STRUCTURAL SYSTEM.
 4. ALL SEALANT JOINTS SHALL BE VENTED WHERE THE DUROCK PUCCS OR ADJOINING ELEMENT IS EXPECTED TO DRAIN.
 3. AIR/MOISTURE BARRIER TRANSMISSION MEMBRANE:
 1. MATERIALS:
 - A. DUROCK RECOMMENDS THE USE OF PROTECTO WRAP EIFS TAPE: A POLYESTER-FACED, STYRENEBUTADIENE- STYRENE (SBS), RUBBERIZED ASPHALT, SELF-ADHERING MEMBRANE.
 - B. ALTERNATIVELY, DUROCK APPROVES THE USE OF SOPREMA SOPRASALE STICK 1100T AND BAKOR BLUESKIN SA: POLYESTER-FACED, STYRENE-BUTADIENE-STYRENE (SBS), RUBBERIZED ASPHALT, SELFADHERING MEMBRANES.
 2. CRIMERS SHALL BE IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.
 2. EXPANSION:
 - A. TRANSITION MEMBRANES SHALL EFFECTIVELY SEAL THROUGH WALL PENETRATIONS, MOVEMENT JOINTS, JUNCTURES TO WINDOW PENETRATION, AND JUNCTURES WITH ROOFING MEMBRANES.
 - B. TRANSITION MEMBRANES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.
 - C. TRANSITION MEMBRANES SHOULD BE INSTALLED PRIOR TO APPLICATION OF THE AIR/MOISTURE BARRIER.
 - D. TRANSITION MEMBRANES SHOULD LAP NO MORE THAN 50 MM (2 INCHES) ONTO THE EIFS SUBSTRATE.
 - E. IF PROTECTO WRAP EIFS TAPE EXTENDS MORE THAN 100 MM (4 INCHES) BEHIND THE EIFS, THE EIFS SHALL BE MECHANICALLY FASTENED AT THAT LOCATION. IF SOPREMA SOPRASALE STICK 1100T OR BAKOR BLUESKIN SA EXTENDS MORE THAN 50 MM (2 INCHES) BEHIND THE EIFS, THE EIFS SHALL BE MECHANICALLY FASTENED AT THAT LOCATION.
 4. DECORATIVE ELEMENTS:
 1. MOULDINGS, SHAPE, TRIM, AND WINDOW SILLS WHERE THE DUROCK PUCCS MAY BE EXPOSED ARE TO BE DESIGNED WITH A SLOPE ON ALL UPWARD FACING HORIZONTAL PROJECTIONS, SLOPED NOT LESS THAN:
 - A. 6:12, RISE OVER RUN FOR SLOPES UP TO 305 MM (12 INCHES) WIDE, OR
 - B. 3:12, RISE OVER RUN FOR SLOPES UP TO 102 MM (4 INCHES) WIDE.
 2. HORIZONTAL PROJECTIONS THAT DO NOT CONFORM TO THE ABOVE WOULD BE ACCEPTABLE FOR WALL AREAS THAT ARE PARTIALLY ENCLOSED, SUCH AS WHERE A SOFFIT EXTENDS OUT ABOVE EUCO PROJECTIONS, OR WHERE A WALL WITH A DRIP EDGE WOULD BE ACCEPTABLE FOR A WALL.
 2. HORIZONTAL PROJECTIONS SHALL BE DESIGNED, CONSISTENT WITH GOVNET CODES AND STANDARDS, SUCH THAT THESE WILL NOT BE CONFIGURED OR CONSTRUCTED AS ROOFING OR LOADBEARING (PEDESTRIAN OTHERWISE).
 5. AESTHETIC REVEALS:
 1. AESTHETIC REVEALS MAY BE CUT INTO THE INSULATION LAYER, PROVIDING THE MINIMUM CONTINUOUS LAYER OF INSULATION IS NOT LESS THAN 19 MM (¾ INCH).
 2. HORIZONTALLY ORIENTED REVEALS MUST BE SLOPED 3:12 TO SHED PRECIPITATION.
 3. DUROCK RECOMMENDS THAT AESTHETIC REVEALS NOT BE ALIGNED WITH THE CORNERS OF THROUGH-WALL PENETRATIONS SUCH AS WINDOWS AND DOORS.
 6. FLASHING:
 1. CORROSION RESISTANT FLASHING MUST BE INSTALLED ACCORDING TO THE REQUIREMENTS OF SECTION 07 60 00 IN GENERAL CONFORMANCE WITH PART 5 IN THE PROVINCIAL/NATIONAL BUILDING CODE.
 2. FLASHING MUST BE DESIGNED AND INSTALLED BY OTHERS, SLOPING OUTWARD WITH DRIP EDGES TO DIRECT PRECIPITATION TO THE EXTERIOR, AND MUST BE PROVIDED AT THE TOP OF PARAPET WALLS AND OTHER SIMILAR POINTS OF TERMINATION.
 7. PRESSURE MODERATION:
 1. THE CAVITY IN THE DUROCK PUCCS SHALL BE CLOSED AT ALL EXTERIOR CORNERS BY THE INSTALLATION OF A SOLID RIBBON OF ADHESIVE ON EITHER SIDE OF THE CORNER. AT THE TIME THE INSULATION IS BEING INSTALLED.
 2. VENTING FOR PRESSURE EQUALIZATION/MODERATION SHALL BE SIZED ACCORDING TO THE METHODS DEVISED BY THE NATIONAL RESEARCH COUNCIL OF CANADA:
 - A. NET VENT AREA = CAVITY VOLUME (M3)/50 M FOR DYNAMIC WIND LOADING
 - B. NET VENT AREA = ESTIMATED AIR LEAKAGE (CM2/M2) X 20 FOR STATIC WIND LOADING
 3. THE CAVITY IN THE DUROCK PUCCS HAS A NOMINAL VOLUME OF:
 - A. 3.724 CM3/M2 (21.2 IN3/FT2) WHEN INSTALLED WITH THE ONE-STEP BARRIER/ADHESIVE.
 - B. 4.780 CM3/M2 (27.1 IN3/FT2) WHEN INSTALLED WITH THE TWO-STEP BARRIER/ADHESIVE.

1. PERFORMANCE REQUIREMENTS
 1. DUROCK PUCCS TESTED ACCORDING TO THE CMCC TECHNICAL GUIDE FOR EIFS, EVALUATION REPORT NO. 12969-R, AS DESIGNATED BY SENTENCE 2.8.1.1.(1) IN THE PROVINCIAL/NATIONAL BUILDING CODE.
 2. DUROCK PUCCS (WITH INSULATION UP TO 152 MM THICK) TESTED IN CONFORMANCE WITH CAN/ULC-S101, "FIRE ENDURANCE TESTS OF BUILDING CONSTRUCTION AND MATERIALS"; AS REQUIRED BY ARTICLE 3.2.3.8. IN THE PROVINCIAL/NATIONAL BUILDING CODE.
 3. DUROCK BASE COAT TESTED IN CONFORMANCE WITH CAN/ULC-S114, "NONCOMBUSTIBLE MATERIAL"; AS REQUIRED BY SENTENCE 3.2.3.8. 1) B) IN THE PROVINCIAL/NATIONAL BUILDING CODE.
 4. DUROCK PUCCS (WITH INSULATION UP TO 127 MM THICK) TESTED IN CONFORMANCE WITH CAN/ULC-S134, "FIRE TEST OF EXTERIOR WALL ASSEMBLIES"; AS REQUIRED BY ARTICLE 3.1.5. IN THE PROVINCIAL/NATIONAL BUILDING CODE.
 5. DUROCK AIR/MOISTURE BARRIER TESTED ACCORDING TO ASTM E283 - AIR LEAKAGE RATE NOT GREATER THAN 0.02 (L/S/M2) AT 75 PA, AS REQUIRED BY SENTENCE 5.4.1.2.(2) IN THE PROVINCIAL/NATIONAL BUILDING CODE.
 6. DUROCK VAPOUR BARRIER TESTED ACCORDING TO ASTM E96-95 - VAPOUR PERMEANCE NOT GREATER THAN 15 NG/(PA.S.M2), AS REQUIRED BY SENTENCE 5.5.1.2.(2) IN THE PROVINCIAL/NATIONAL BUILDING CODE.
 7. WIND LOAD RESISTANCE OF DUROCK PUCCS IS ACHIEVED VIA ATTACHMENT TO THE SUBSTRATE, HENCE, THE SUBSTRATE MUST BE DESIGNED WITHSTAND THE ANTICIPATED WIND LOADS. REFER TO STRUCTURAL DRAWINGS.
- 1.5. SUBMITTALS
 1. UPON REQUEST, DUROCK WILL SUPPLY FINISH COAT SAMPLES, APPROXIMATELY 200 X 200 MM (8 X 8 INCHES), PROVIDING REPRESENTATION OF THE TEXTURE AND COLOUR.
- 1.6. QUALITY ASSURANCE
 1. EIFS MANUFACTURER SHALL BE A MEMBER IN GOOD STANDING OF THE EIFS COUNCIL OF CANADA, AND CERTIFIED BY THE EIFS QAP.
 2. EIFS MANUFACTURER SHALL POSSESS A CMCC EVALUATION REPORT FOR ITS PRIMARY LINE OF EIFS.
 3. EIFS APPLICATION SHALL BE KNOWLEDGEABLE AND EXPERIENCED IN EIFS INSTALLATION.
 4. EIFS APPLICATION SHALL INSTALL DUROCK PUCCS ACCORDING TO DUROCK'S REQUIREMENTS.
- 1.7. DELIVERY, STORAGE & HANDLING
 1. ALL MATERIALS AND COMPONENTS SHALL BE:
 1. SUPPLIED BY DUROCK ALFALING INTERNATIONAL LIMITED OR ITS APPOINTED DISTRIBUTORS IN THE ORIGINAL, UNOPENED PACKAGING WITH LABELS CLEARLY IDENTIFYING EACH COMPONENT.
 2. INSPECTED UPON DELIVERY, AND ANY DEFECTIVE MATERIALS AND/OR COMPONENTS ARE NOT TO BE USED.
 3. STORED OFF THE GROUND, UNDER PROTECTIVE COVER, AWAY FROM DIRECT SUNLIGHT AND KEPT DRY.
 2. ALL WATER-BASED MATERIALS, SUPPLIED IN PLASTIC PAILS, ARE TO BE KEPT ABOVE 4.0C (40.0F) AND BELOW 40.0C (104.0F).
 3. ALL DRY-BAGGED MATERIALS SHALL BE KEPT DRY AND PROTECTED FROM HIGH HUMIDITY AND MOISTURE.
- 1.8. SITE CONDITIONS
 1. SURFACE AND AMBIENT CONDITIONS FOR APPLICATION OF WET-STATE-MATERIALS MUST BE KEPT ABOVE

- 4.0C (40.0F).
1. ADHESIVES APPLIED BELOW 10.0C (50.0F) SHALL BE PROTECTED FOR NOT LESS THAN 48 HOURS.
2. FINISH COATS APPLIED IN HIGH HUMIDITY CONDITIONS WILL TAKE LONGER THAN 24 HOURS TO DRY. IF SUCH CONDITIONS OCCUR, PROVIDE SUPPLEMENTAL HEAT TO REDUCE THE HUMIDITY, OR PROVIDE PROTECTION LONG ENOUGH FOR FINISH COATS TO DRY COMPLETELY.
3. WET-STATE-MATERIALS SHALL NOT BE APPLIED IN DIRECT SUNLIGHT IN TEMPERATURES EXCEEDING 30.0C (86.0F) WITHOUT PROTECTIVE COVER.
4. ALL WORK SHALL BE PROTECTED FROM RAIN, SNOW, HAIL, AND WIND EXCEEDING 25 KM/HR (15 MPH) FOR NOT LESS THAN 24 HOURS AFTER FINISH MATERIALS ARE APPLIED TO THE SURFACE.
5. DO NOT APPLY MATERIALS IN WEATHER CONDITIONS THAT WILL CAUSE ADVERSE EFFECTS TO PERFORMANCE.

1.9. WARRANTY

1. GENERAL CONTRACTOR TO PROVIDE LIMITED MATERIALS TEN YEAR WARRANTY INDICATING THE FOLLOWING:
 1. PROJECT TITLE
 2. SYSTEM INSTALLED
 3. ADDRESS
 4. SQUARE FOOTAGE
 5. BUILDING OWNER'S NAME AND ADDRESS
 6. APPLICATION'S NAME
 7. WARRANTY NUMBER
 8. EFFECTIVE DATE
2. WITH THE FOLLOWING WORDING:

DUROCK ALFALING INTERNATIONAL LIMITED ("DUROCK") HEREBY WARRANTS THAT THE PUCC SYSTEM COMPONENTS SOLD OR MANUFACTURED BY IT SHALL BE FREE FROM DEFECTS IN THE MANUFACTURE OF THE MATERIALS AND WHEN INSTALLED IN ACCORDANCE WITH THE CURRENT PUBLISHED DUROCK SPECIFICATIONS, DETAILS AND APPLICATION INSTRUCTIONS FOR SUCH SYSTEM BY AN APPLICATION/CONTRACTOR FIRM THAT HAS BEEN CERTIFIED BY DUROCK, WILL FOR A PERIOD OF 10 YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION OF THE PROJECT BE RESPONSIBLE FOR DAMAGE THAT SHOULD ENTER THE CAVITY BETWEEN THE INSULATION BOARD AND THE REQUIRED WEATHER BARRIER AND WILL, WITHIN A PERIOD OF 10 YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION OF THE PROJECT, CLOSE THEIR BOND, PEEL, FLAKE OR CHIP. NO SUCH BOND, PEEL, FLAKE OR CHIP SHALL BE EVIDENT UNTIL AND UNLESS THE MATERIALS SUBJECT TO THIS WARRANTY SHALL HAVE BEEN PAID FOR IN FULL. IT IS SPECIFICALLY UNDERSTOOD AND AGREED THAT NO WARRANTY WHATSOEVER IS MADE WITH RESPECT TO:

 - (I) MATERIALS PRODUCED BY OTHER MANUFACTURERS AND NOT BEARING DUROCK'S NAME OR LOGO WHICH ARE USED IN THE INSTALLATION OF DUROCK'S MATERIALS HEREUNDER.
 - (II) MATERIALS, INCLUDING INSULATION BOARD, PRODUCED BY MANUFACTURERS FOR DUROCK BUT NOT SPECIFICALLY SOLD BY DUROCK OR ITS AUTHORIZED DISTRIBUTOR EVEN IF SUCH MATERIALS BEAR DUROCK'S NAME OR LOGO, NOR
 - (III) ANY SEALANT MATERIALS.

FURTHER THIS WARRANTY IS VOID IF THE DUROCK MATERIALS ARE INTERMIXED WITH OTHER CHEMICALS OR MATERIALS NOT SPECIFICALLY REQUIRED BY DUROCK'S SPECIFICATIONS OR APPLICATION INSTRUCTIONS.

FURTHER NO WARRANTY WHATSOEVER IS MADE FOR DAMAGE CAUSED IN WHOLE OR PART BY ACTS OF GOD OR NATURAL PHENOMENON, SUCH AS BUT NOT LIMITED TO FALLING OBJECTS, FIRE, EARTHQUAKE, FLOODS, PESTS, CHEMICAL FUMES OR POLLUTANTS IN THE ATMOSPHERE, NOR ARCHITECTURE, ENGINEERING, INSUFFICIENT OR DEFECTIVE WATERPROOFING BETWEEN DUROCK MATERIALS, OR BETWEEN DUROCK MATERIALS AND NON-DUROCK MATERIALS, NOR DEFECTIVE OR IMPROPER WORKMANSHIP BY THE CONTRACTOR.

THIS CONSTITUTES THE ENTIRE WARRANTY AGREEMENT AND DUROCK MAKES NO OTHER WARRANTIES EXPRESSED OR IMPLIED WITH RESPECT TO THE MATERIALS EXCEPT AS EXPRESSLY STATED HEREIN. DUROCK DOES NOT MAKE ANY WARRANTY OF MERCHANTABILITY WITH RESPECT TO THE MATERIALS DESCRIBED HEREIN OR THE APPLICATION THEREOF AND FURTHER, DUROCK MAKES NO WARRANTY THAT THE MATERIALS ARE FIT FOR ANY PARTICULAR PURPOSE. DUROCK WILL BE RESPONSIBLE FOR DAMAGE TO SHEATHING OR FRAMING MEMBERS WHICH IS A RESULT OF A FAILURE OF THE PUCC SYSTEM TO DRAIN MOISTURE FROM THE CAVITY. DUROCK WILL NOT BE RESPONSIBLE FOR DAMAGE TO SHEATHING OR FRAMING MEMBERS WHICH IS A RESULT OF A FAILURE OF THE PUCC SYSTEM TO DRAIN MOISTURE FROM THE CAVITY BETWEEN THE INSULATION BOARD AND THE WEATHER BARRIER AS PROVIDED HEREIN. NO OTHER CHARGES OR EXPENSES WILL BE INCURRED BY DUROCK.

THIS WARRANTY IS ISSUED TO THE ORIGINAL OWNER OF THE STRUCTURE INTO WHICH DUROCK'S MATERIALS SHALL HAVE BEEN INCORPORATED, BUT MAY BE TRANSFERRED OR ASSIGNED TO A SUBSEQUENT OWNER OF THE STRUCTURE UPON WRITING AT THE FOLLOWING ADDRESSES:
DUROCK SHALL NOT BE RESPONSIBLE FOR DAMAGE TO SHEATHING OR FRAMING MEMBERS WHICH IS A RESULT OF A FAILURE OF THE PUCC SYSTEM TO DRAIN MOISTURE FROM THE CAVITY BETWEEN THE INSULATION BOARD AND THE WEATHER BARRIER AS PROVIDED HEREIN. NO OTHER CHARGES OR EXPENSES WILL BE INCURRED BY DUROCK.

SINCE THE GOODS ARE BUILDING MATERIALS AND ARE NOT INTENDED TO BE SOLD TO A "CONSUMER" EXCEPT AS PART OF REAL ESTATE OR AS A MAJOR ADDITION THERETO, THIS WARRANTY SHALL NOT APPLY TO ANY PARTY CONSTITUTING A "CONSUMER" AS SUCH TERM IS DEFINED BY THE MAGNUSON-MOSS WARRANTY ACT.

DUROCK SHALL NOT HAVE ANY OBLIGATIONS UNDER THIS WARRANTY UNLESS THE OWNER NOTIFIES DUROCK ALFALING INTERNATIONAL LIMITED, 1018 RYECROFT ROAD, WOODBRIDGE, ONTARIO L4L 8A9, ATTENTION: VICE PRESIDENT, WITHIN THIRTY (30) DAYS OF DISCOVERY OF ALLEGED DEFECTS. DUROCK SHALL BE ALLOWED A REASONABLE PERIOD OF TIME, AUTHORIZATION TO REMOVE SAMPLES, AND TO PERFORM ANY TESTING DUROCK DEEMS NECESSARY TO INVESTIGATE AND DETERMINE THE CAUSE OF THE DEFECT. THE OWNER SHALL PROVIDE ACCESS TO THE DEFECTIVE AREA AND SHALL BE RESPONSIBLE IN A TIMELY MANNER TO PREVENT FURTHER DAMAGE TO THE STRUCTURE OR CONTENTS OF THE BUILDING UNTIL THE CAUSE OF THE DEFECT IS DETERMINED AND PERMANENT REPAIR RECOMMENDATIONS MAY BE MADE.

DUROCK SHALL NOT HAVE ANY OBLIGATIONS HEREUNDER UNLESS THE SYSTEM SHALL HAVE BEEN MAINTAINED BY THE OWNER WITH REASONABLE CARE.

THIS WARRANTY SHALL BE INTERPRETED UNDER THE LAWS OF THE PROVINCE WHERE WORK IS BEING CONDUCTED.

PART 2 - MATERIALS

- 2.1. GENERAL
 1. DUROCK ALFALING INTERNATIONAL LIMITED, OR ITS APPOINTED DISTRIBUTORS, SHALL SUPPLY ALL THE MATERIALS AND COMPONENTS FOR THE DUROCK PUCCS.
 2. SUBSTITUTION OF MATERIALS OR COMPONENTS SHALL VOID THE MANUFACTURER'S WARRANTY.
- 2.2. MATERIALS
 1. AIR/MOISTURE BARRIERS:
 1. DUROCK CEMENT BEAR - AIR/MOISTURE BARRIER AND ADHESIVE FOR NON-COMBUSTIBLE CONSTRUCTION - WATER-BASED ACRYLIC DISPERSION THAT IS FIELD MIXED WITH TYPE 10, 20, OR 30 PORTLAND CEMENT, MIXED TOGETHER 1:1 BY WEIGHT, APPLIED WITH STAINLESS STEEL TROWEL OR SPRAY EQUIPMENT.
 2. DUROCK VAPOUR BLOCK - AIR/MOISTURE/VAPOUR BARRIER AND ADHESIVE FOR NON-COMBUSTIBLE CONSTRUCTION - WATER-BASED STYRENE-BUTADIENE DISPERSION THAT IS FACTORY MIXED, APPLIED WITH STAINLESS STEEL TROWEL OR SPRAY EQUIPMENT.
 2. DUROCK UNI-TRACK - POLYVINYL CHLORIDE EXTRUSION PROVIDING DRAINAGE AT HORIZONTAL TERMINATIONS.
 1. TYPE I [RSI 0.65/25MM (R 3.7/[INCH])] OR TYPE II [RSI 0.70/25MM (R 4.0/[INCH])] EXPANDED POLYSTYRENE (EPS) COMPLIANT WITH ULC-S701, THAT IS:
 - A. MADE BY A MANUFACTURER APPROVED BY DUROCK.
 - B. PACKAGED IN BAGS WITH DUROCK'S LOGO PLAINLY VISIBLE.
 - C. AGED AND CUT ACCORDING TO THE REQUIREMENTS OF ASTM E2430, NOMINAL SIZE OF SHEETS BEING HEIGHT AND WIDTH OF 610 X 1219 MM (24 X 48 INCHES).
 - D. MADE OF 100% VIRGIN POLYSTYRENE RESIN.
 2. AVAILABLE THICKNESSES: 38, 51, 64, 76, 89, 102, 114, 127, 140, & 152 MM (1½, 2, 2½, 3, 3½, 4, 4½, 5, 5½, 6, 6½, 7, 8, 8½, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.
 2. PUCCS EPS INSULATION, IS ROUTER-CUT GROOVING ON EACH SHEET OF 610 X 1219 MM (24 X 48 INCHES).
 - A. 10 MM (13/32 INCH) DEEP BY 16 MM (5/8 INCH) WIDE IN 51 MM (2 INCH) RADI.
 - B. SEVENTY-TWO CIRCLES ARE CUT EQUIDISTANTLY ON 102 MM (4 INCHES) VERTICAL AND HORIZONTAL CENTRES, TANGENT TO THE GROOVES.
 3. SPRAY-IN-PLACE POLYURETHANE FOAM, COMPLIANT WITH ULC-S701-1:
 - A. SINGLE COMPONENT, MOISTURE CURE, LOW EXPANSION RATE FOAM, USED FOR INSULATION BOARD JOINTS AS A C&F FILLING MATERIAL.
 4. ADHESIVE AND BASE COATS:
 1. DUROCK PREP COAT A - A WATER-BASED ACRYLIC DISPERSION THAT IS FIELD MIXED WITH TYPE 10, 20, OR 30 PORTLAND CEMENT, USED AS AN ADHESIVE AND BASE COAT.
 2. DUROCK PREP COAT D - A DRY ACRYLIC POLYMER-BASED MATERIAL THAT IS FIELD MIXED WITH POTABLE WATER, USED AS AN ADHESIVE AND BASE COAT.
 5. MECHANICAL FASTENERS:
 1. WND-DEVIL 2 BY WIND-LOCK CORP. - HIGH DENSITY PLASTIC WASHERS, 51 MM (2 INCHES) IN DIAMETER, USED IN COMBINATION WITH CORROSION RESISTANT SCREWS THAT ARE SUITABLE FOR THE SUBSTRATE.
 2. HILL IDP - HIGH DENSITY PLASTIC FASTENERS, WITH 60 MM (2 3/8 INCHES) DIAMETER HEADS, USED FOR CONCRETE AND MASONRY SUBSTRATES.
 3. DUROCK FIBRE MESH - ALKALI RESISTANT GLASS FIBRE REINFORCING:
 1. DUROCK STARTER MESH - NOMINAL 153 G/M2 (4.5 OZ/YD2) WEIGHT, SUPPLIED IN 241 MM (9 1/2 INCHES) WIDE BY 45.7 M (150 FEET) LONG ROLLS.
 2. DUROCK FIBRE MESH 4.5 - NOMINAL 153 G/M2 (4.5 OZ/YD2) WEIGHT, SUPPLIED IN 965 MM (38 INCHES) WIDE BY 45.7 M (150 FEET) LONG ROLLS. THE DUROCK LOGO APPEARS ON THE MESH.
 3. DUROCK FIBRE MESH 6.0 - NOMINAL 200 G/M2 (6.0 OZ/YD2) WEIGHT, SUPPLIED IN 965 MM (38 INCHES) WIDE BY 45.7 M (150 FEET) LONG ROLLS. THE DUROCK LOGO APPEARS ON THE MESH.
 4. DUROCK INTERMEDIATE MESH - NOMINAL 400 G/M2 (12.0 OZ/YD2) WEIGHT, SUPPLIED IN 965 MM (38 INCHES) WIDE BY 22.9 M (75 FEET) LONG R