

ADDENDUM NO. 2

January 31, 2020

TO: ALL PROSPECTIVE BIDDERS/RECIPIENTS OF CONTRACT SPECIFICATIONS & DRAWINGS

This Addendum is hereby made a part of the Contract Documents and modifies and takes precedence over the original Contract Documents dated January 14, 2020.

Bidders shall take this Addendum into consideration when preparing and submitting a bid, and shall acknowledge receipt of this Addendum on the Bid Form. Failure to do so may subject the Bidder to disqualification.

GENERAL CLARIFICATIONS

- A. PENNBID BID FORM-PRICING: When completing the Alternates (if applicable) in the online Bid Form, fill in “ADD” or “DEDUCT” in the ‘Enter Text’ box next to where the Alternate amount is completed, to identify if the Alternate amount should be added to or subtracted from the Base Bid.
- B. PENNBID BID FORM-PRICING: When completing the Quantity Allowances (if applicable) in the online Bid Form, enter the Unit Price for each item, not the Allowance total, since the Allowance total for each item will be automatically calculated and will appear in the Bid Results.

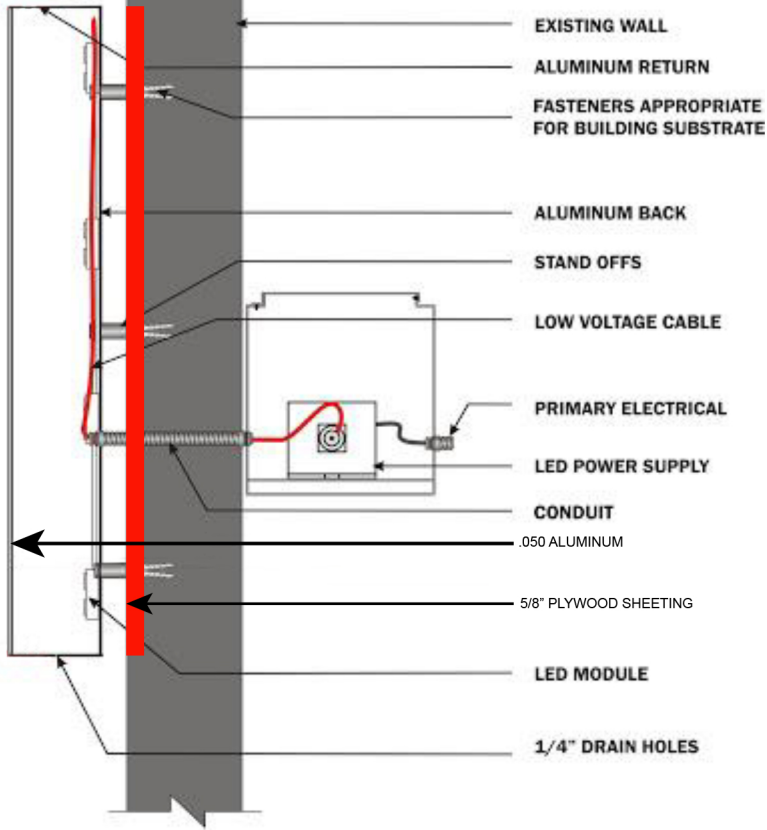
TECHNICAL SPECIFICATIONS and DRAWING CHANGES:

- 2-1. DRAWINGS C-1, R-2, R-5, S-1: DELETE these Drawings included in the Project Specifications issued for bidding and INSERT attached revised Drawings.
- 2-2. DRAWING R-2: Please note Scope of Work Signage change from “BACKLIT SIGNAGE BY OWNER” to “BACKLIT SIGNAGE TO BE INSTALLED BY CONTRACTOR”. Signage is 16” Bronze Letters to match existing signage. New signage is Backlit using “Halo Effect”. Please see attached sketches SK ADD 2-1 and SK ADD 2-2 for details. Contractor to provide and install ¾” exterior plywood secured to CMU wall using fasteners approved by Engineer. Signage Sub-Contractor to provide Letter Template for Panel Manufacturer to drill the necessary holes in panels for signage to maintain panels warranty. Signage Sub-Contractor: Sign Medix, Lancaster, PA (Phil Saunders – 717.396.9749), or approved equal, post-award.

Attachments:

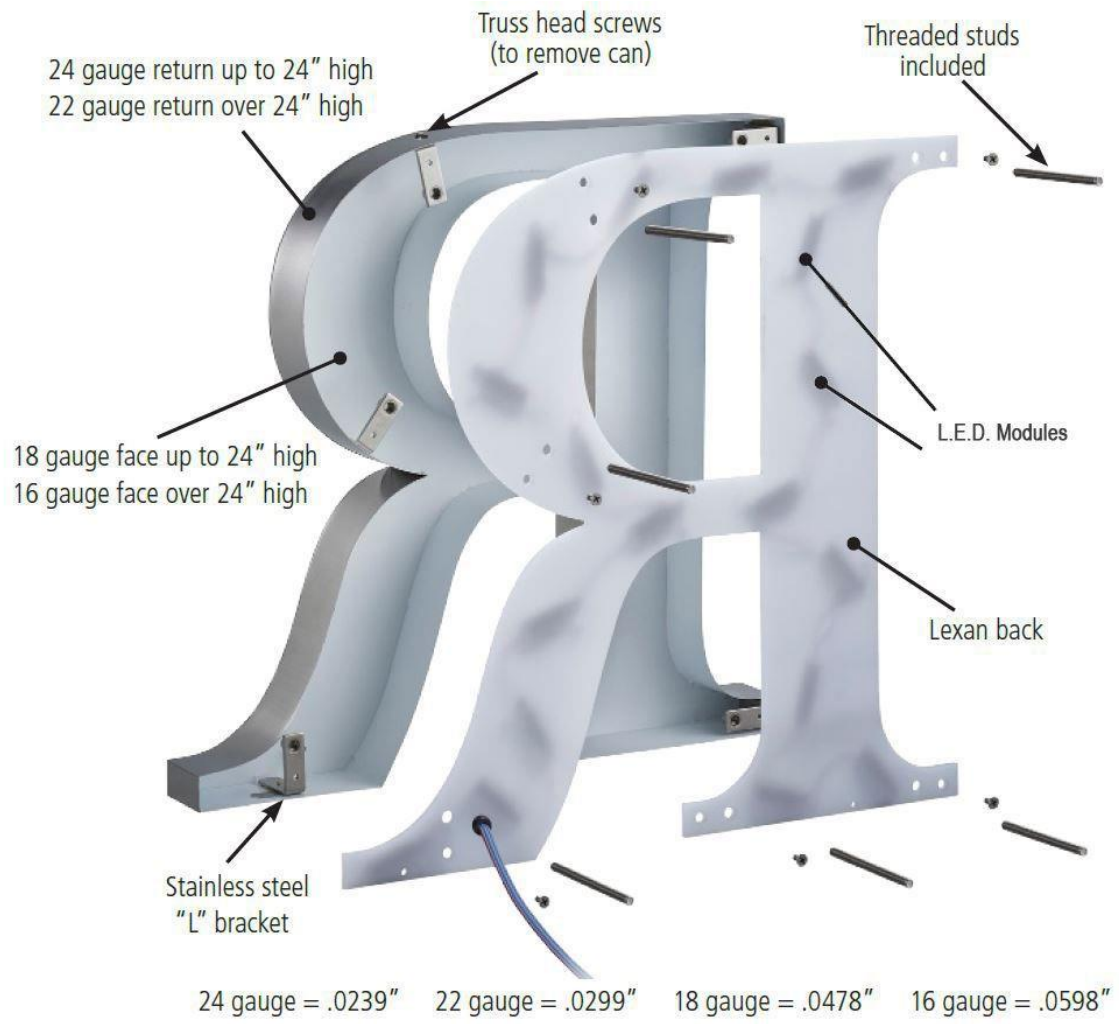
SK ADD 2-1
SK ADD 2-2
Drawing C-1
Drawing R-2
Drawing R-5
Drawing S-1

END OF ADDENDUM NO. 2



Standard Back Lit (Halo)
LED Illuminated w/ Stand off

SK ADD 2-1



Methacton SCHOOL DISTRICT

2020 HIGH SCHOOL FRONT ENTRY REPLACEMENT PROJECT 1005 KRIEBEL MILL ROAD EAGLEVILLE, PA. MSD PROJECT #20.7.8



PROPOSED ENTRANCE
N.T.S.

GENERAL CONSTRUCTION WORK

GENERAL

- TYPICAL SECTIONS AND DETAILS - ALL SECTIONS, DETAILS AND NOTES ARE INTENDED TO BE TYPICAL UNLESS OTHERWISE DETAILED. SHOP AND ERECTION DRAWINGS SUBMITTED BY THE CONTRACTOR SHALL SHOW APPLICATION OF TYPICAL SECTIONS AND DETAILS FOR SIMILAR SITUATIONS.
- OPENINGS AND EMBEDDED ITEMS - ALL CURBED AND OTHER OPENINGS, EQUIPMENT BASES, DEPRESSIONS, FRAMES, CASTINGS, PIPE SLEEVES, CONDUITS, INSERTS, EDGE PROTECTION, ANCHOR BOLTS AND SIMILAR ITEMS SHALL BE PROVIDED, LOCATED AND INSTALLED AS SHOWN ON APPROVED SHOP DRAWINGS FOR MANUFACTURED ITEMS AND OTHER TRADES.
- VERIFY EXISTING UTILITIES. INFORM AND OBTAIN REQUIRED PERMITS FROM OWNERS OF SUCH UTILITIES BEFORE STARTING ANY WORK.
- JOB SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- GIVEN AGE OF BUILDING, THE EXISTENCE OF HAZARDOUS MATERIALS IS POSSIBLE. THE OWNER SHALL PROVIDE A HAZARDOUS MATERIAL REPORT BY A THIRD PARTY CONTRACTOR FOR ALL ASBESTOS TESTING. CONTRACTOR TO INCLUDE LEAD PAINT TESTING ON THE STUCCO OF AREAS TO BE RE-COATED PRIOR TO RE-COATING WORK AS PART OF THE BASE SCOPE OF WORK.

STRUCTURAL DESIGN CRITERIA

- GOVERNING CODES: MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES (ASCE7) INTERNATIONAL BUILDING CODE (IBC)

STRUCTURAL DESIGN BASIS

THE STRUCTURAL DESIGN CONFORMS WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE 2018 EDITION AND PROVIDES THE FOLLOWING LOADS:

ROOF LIVE LOAD [1607.12]

ROOF LL = 30 PSF [2018 IBC, SECTION 1607]

ROOF SNOW LOAD DATA

- GROUND SNOW LOAD, Pg = 30 PSF [ASCE 7-16]
- FLAT ROOF SNOW LOAD, Pf = 27.7 PSF
- SNOW EXPOSURE FACTOR, Ce = 1.0
- SNOW LOAD IMPORTANCE FACTOR, Is = 1.1
- THERMAL FACTOR, Ct = 1.2
- DRIFT SURCHARGE LOAD, Pd (WHERE SUM OF Pd AND Pf > 20 psf) = 77.4 PSF
- WIDTH OF SNOW DRIFTS, W = 17.6 FT

WIND DESIGN DATA

- ULTIMATE DESIGN WIND SPEED, VULT (3-SECOND GUST), MPH = 122 MPH [ASCE 7-16]
- NOMINAL DESIGN WIND SPEED, VASD = 94.5 MPH [PER SECTION 1609.3.1]
- RISK CATEGORY = III
- WIND EXPOSURE = C
- DESIGN WIND PRESSURE FOR EXTERIOR COMPONENTS AND CLADDING MATERIALS NOT SPECIFICALLY DESIGNED BY THE REGISTERED PROFESSIONAL RESPONSIBLE FOR THE DESIGN OF THE STRUCTURE, PSF = 35-95 PSF

METAL PANEL REQUIREMENTS

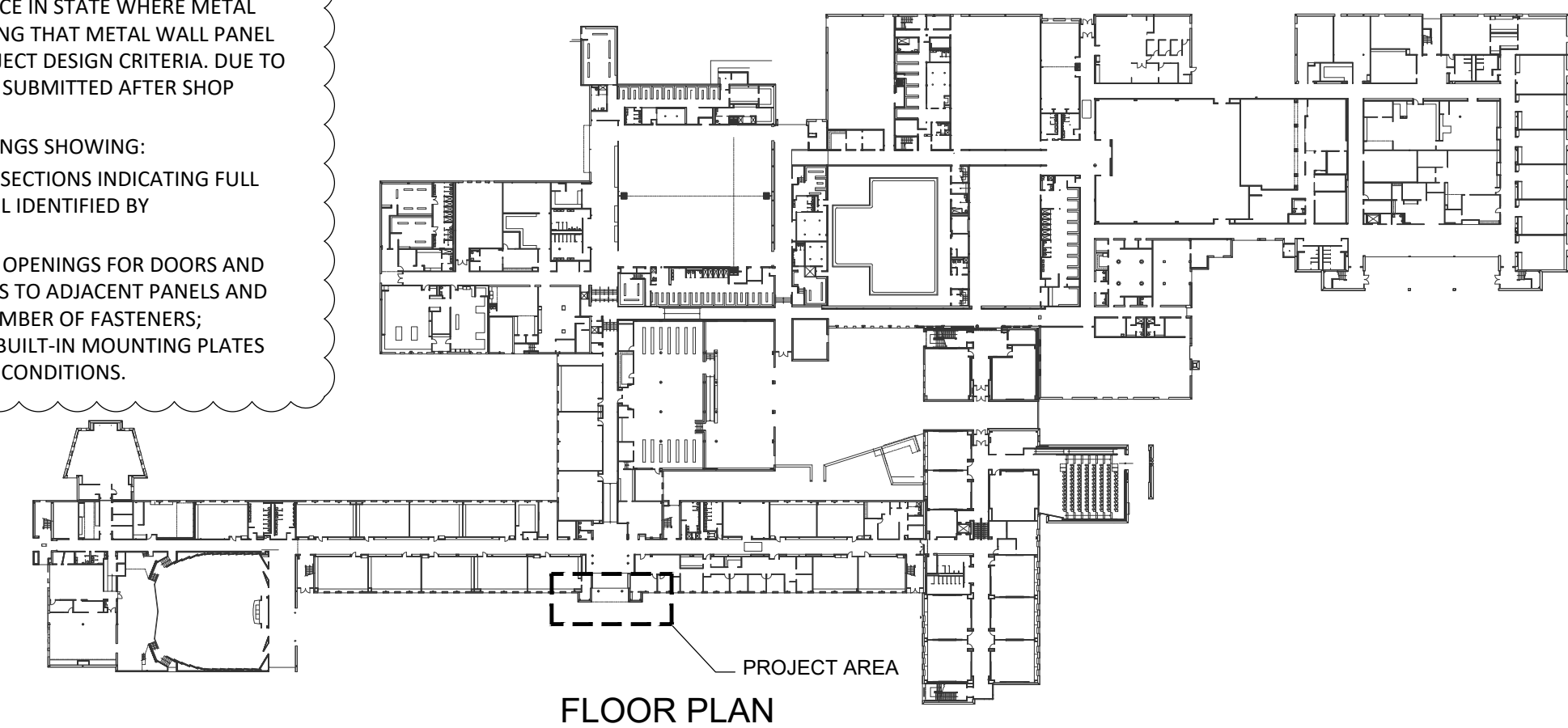
- PRODUCT DATA: MANUFACTURER'S STANDARD SPECIFICATIONS, DESCRIPTIVE LITERATURE AND CERTIFICATIONS, INCLUDING:
 - PRODUCT DATA SHEETS (PROTEAN AR2500RS)
 - STANDARD GUIDE DETAILS
 - STANDARD COLOR CHARTS
 - BLANK WARRANTY FORMS
 - CERTIFICATION LETTER PREPARED, STAMPED, SIGNED AND DATED BY PROFESSIONAL ENGINEER, REGISTERED TO PRACTICE IN STATE WHERE METAL WALL PANEL SYSTEM IS TO BE INSTALLED, VERIFYING THAT METAL WALL PANEL SYSTEM DESIGN MEETS BUILDING CODE AND PROJECT DESIGN CRITERIA. DUE TO SCHEDULE RESTRICTIONS, CALCULATIONS MAY BE SUBMITTED AFTER SHOP DRAWING APPROVAL.
- MANUFACTURER TO PROVIDE JOB-SPECIFIC SHOP DRAWINGS SHOWING:
 - OVERALL DIMENSIONED PLANS, ELEVATIONS AND SECTIONS INDICATING FULL EXTENT OF METAL PANEL WORK WITH EACH PANEL IDENTIFIED BY MANUFACTURER'S LOCATION NUMBER.
 - EACH PANEL FULLY DIMENSIONED WITH FINISHED OPENINGS FOR DOORS AND WINDOWS; UTILITY PENETRATIONS; CONNECTIONS TO ADJACENT PANELS AND STRUCTURAL MEMBERS INCLUDING TYPE AND NUMBER OF FASTENERS; MECHANICAL AND ELECTRICAL ROUGH-IN ITEMS; BUILT-IN MOUNTING PLATES FOR MISCELLANEOUS ITEMS; AND OTHER SPECIAL CONDITIONS.

EXISTING CONDITIONS

- ALL DIMENSIONS, ELEVATIONS AND PHYSICAL CONDITIONS SHOWN ON THE DRAWINGS FOR EXISTING STRUCTURES ARE BASED UPON LIMITED FIELD INSPECTIONS AND OTHER AVAILABLE SOURCES. SUCH DEPICTIONS OF EXISTING CONSTRUCTION ARE INTENDED TO BE GENERAL, APPROXIMATE AND LIMITED TO THOSE AREAS FOR WHICH WORK IS REQUIRED, AND ARE PROVIDED ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. PRIOR TO BIDDING, AND/OR CONSTRUCTION, CONDUCT A CAREFUL EXAMINATION OF EXISTING CONDITIONS AT THE SITE APPLICABLE TO THE WORK.
- EXACT EXTENT OF THE CONSTRUCTION WORK CANNOT BE NECESSARILY OR ACCURATELY DETERMINED PRIOR TO COMMENCEMENT OF WORK. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO THE CONSTRUCTION DETAILS, MATERIAL QUANTITIES AND EXTENT OF THE MODIFICATION WORK SHOWN ON CONTRACT DRAWINGS. PERFORM THE WORK TO MEET FIELD CONDITIONS ENCOUNTERED.
- EXAMINE AND FIELD VERIFY ALL EXISTING AND GIVEN DIMENSIONS AND CONDITIONS PRIOR TO COMMENCEMENT OF THE WORK AND FABRICATION OF CONSTRUCTION MATERIALS. REPORT VARIANCES FROM THE DRAWINGS AND SPECIFICATIONS AND POTENTIAL INTERFERENCES PROMPTLY TO THE ENGINEER. INCORPORATE ACTUAL FIELD CONDITIONS AND DIMENSIONS IN THE WORK AND INDICATE CHANGES AND ADJUSTMENTS ON DRAWINGS SUBMITTED FOR APPROVAL.

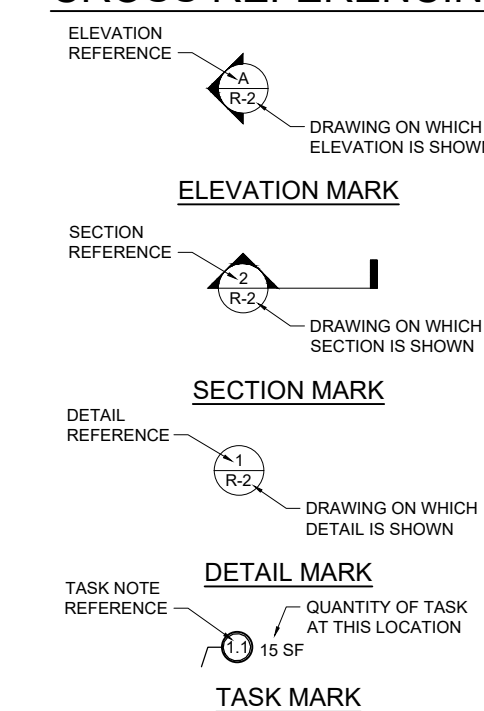
CONSTRUCTION OPERATIONS

- ASSUME AN ABSOLUTE OBLIGATION TO PROTECT EXISTING STRUCTURES AND EQUIPMENT, NEW WORK, PERSONNEL, STUDENTS, AND THE GENERAL PUBLIC FROM DAMAGE, LOSS OR INJURY RESULTING FROM THE CONTRACTOR'S OPERATIONS. IN THE EVENT OF SUCH DAMAGE OR LOSS, PROMPTLY REPLACE OR RESTORE THE WORK TO AN EQUIVALENT QUALITY TO THE SATISFACTION OF THE ENGINEER AND AT NO EXPENSE TO THE OWNER.
- REMOVE TO THE EXTENT INDICATED AND PROPERLY DISPOSE OF EXISTING STRUCTURES AND MATERIALS TO BE DEMOLISHED IN ACCORDANCE WITH THE SPECIFICATIONS.
- EXCAVATIONS WHICH MAY UNDERMINE EXISTING STRUCTURES TO REMAIN SHALL BE BRACED BY A SUITABLE EXCAVATION SUPPORT SYSTEM DESIGNED IN ACCORDANCE WITH THE SPECIFICATIONS AND APPROVED BY THE ENGINEER. DESIGN SHALL BE PERFORMED BY A QUALIFIED PROFESSIONAL ENGINEER CURRENTLY REGISTERED IN THE COMMONWEALTH OF PENNSYLVANIA.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF THE NEW AND EXISTING CONSTRUCTION AT ALL TIMES DURING THE WORK. ANY CONDITION ENCOUNTERED BY THE CONTRACTOR WHICH COULD IMPAIR THE STRUCTURAL INTEGRITY SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER. THE CONTRACTOR SHALL IDENTIFY ALL OVER-HEAD UTILITY LINES AND COMPLY WITH CORRESPONDING CLEARANCE REQUIREMENTS.
- THE CONTRACTOR SHALL COORDINATE, MAINTAIN, SUPPORT, PROTECT AND RESTORE EXISTING PUBLIC AND PRIVATE UTILITIES AFFECTED BY CONSTRUCTION. THE CONTRACTOR SHALL COMPLY WITH UTILITY COMPANY REQUIREMENTS FOR THE PROTECTION OF EXISTING UTILITIES.
- ALL DISCARDED, DEMOLISHED OR EXCAVATED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE NOTED. MATERIALS SHALL BE PROPERLY DISPOSED OF OFF SITE, IN ACCORDANCE WITH ALL APPLICABLE STATUTORY REQUIREMENTS.
- THE CONTRACTOR IS ADVISED THAT THE WORK SCHEDULE SHALL CONFORM STRICTLY TO THE OPERATIONAL REQUIREMENTS SPECIFIED UNDER VARIOUS SECTIONS OF THE SPECIFICATIONS WITH RESPECT TO PROTECTION, SCHEDULING, AND COORDINATION REQUIREMENTS.
- THE CONTRACTOR SHALL EXECUTE CONSTRUCTION OPERATIONS IN A MANNER TO MINIMIZE NOISE IN ACCORDANCE WITH THE PROVISIONS OF THE SPECIFICATIONS.



FLOOR PLAN

CROSS REFERENCING:

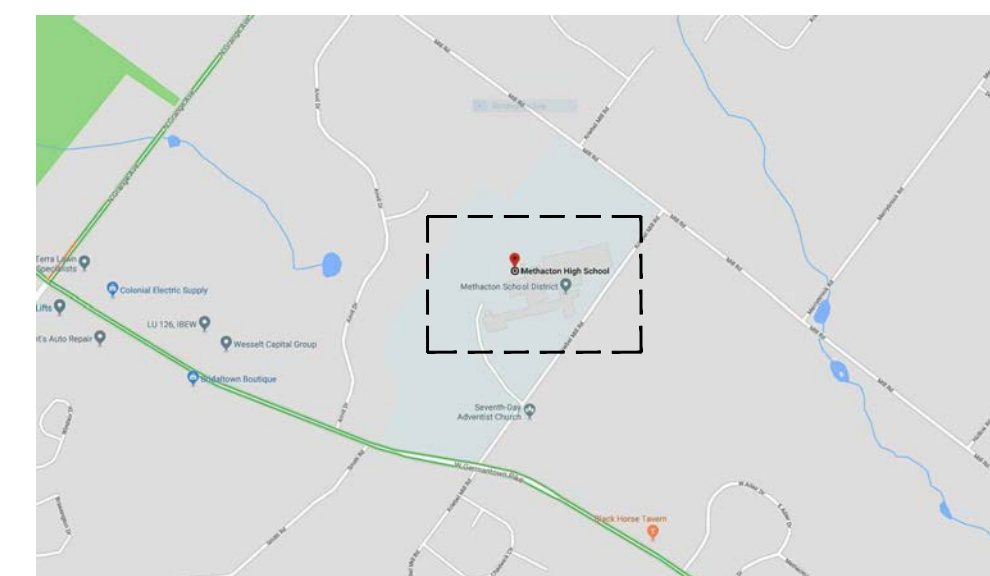
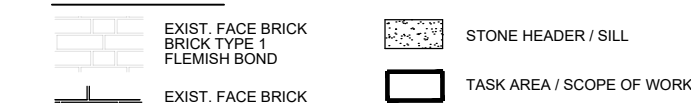


S	CONSTRUCTION JOINT	A.B.	ANCHOR BOLT
W.S.	WATERSTOP	S.S.	STAINLESS STEEL
EXP. JT.	EXPANSION JOINT	N.I.C.	NOT IN CONTRACT
C.J.	CONTROL JOINT	N.T.S.	NOT TO SCALE
C.L.	CENTER LINE	TYP.	TYPICAL
C/C	CENTER TO CENTER	U.N.D.	UNLESS NOTED OTHERWISE
O.C.	ON CENTER	V.I.F.	VERIFY IN FIELD

SHEET INDEX:

C-1	COVER SHEET
R-1	REFERENCE PLAN AND DEMOLITION
R-2	ELEVATIONS
R-3	SECTIONS
R-4	DETAILS
R-5	DETAILS
R-6	ALTERNATES
S-1	STRUCTURAL DETAILS

LEGEND:

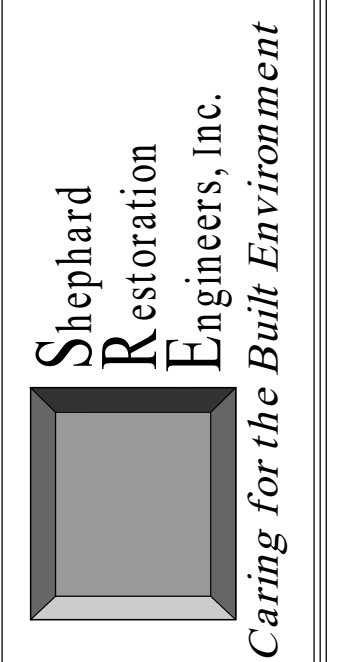


LOCATION MAP

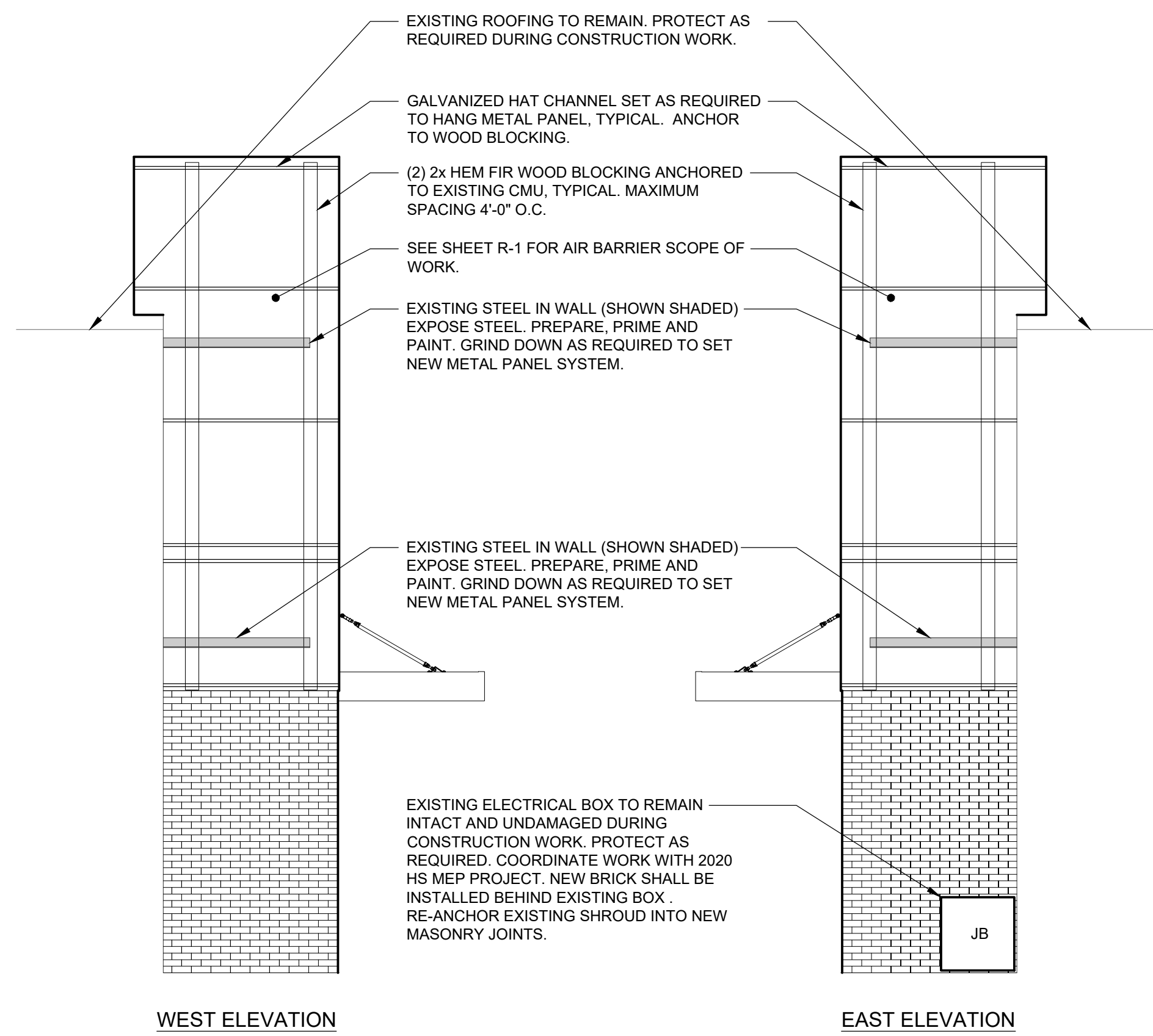
Rev. No.	Date	Description of Revision
1	1/7/20	BID SET
2	1/30/2020	ADDENDUM #2

METHACTON SCHOOL DISTRICT
METHACTON HIGH SCHOOL
1005 KRIEBEL MILL ROAD, EAGLEVILLE, PA
2020 HIGH SCHOOL FRONT ENTRY REPLACEMENT PROJECT (20.7.8)
COVER SHEET

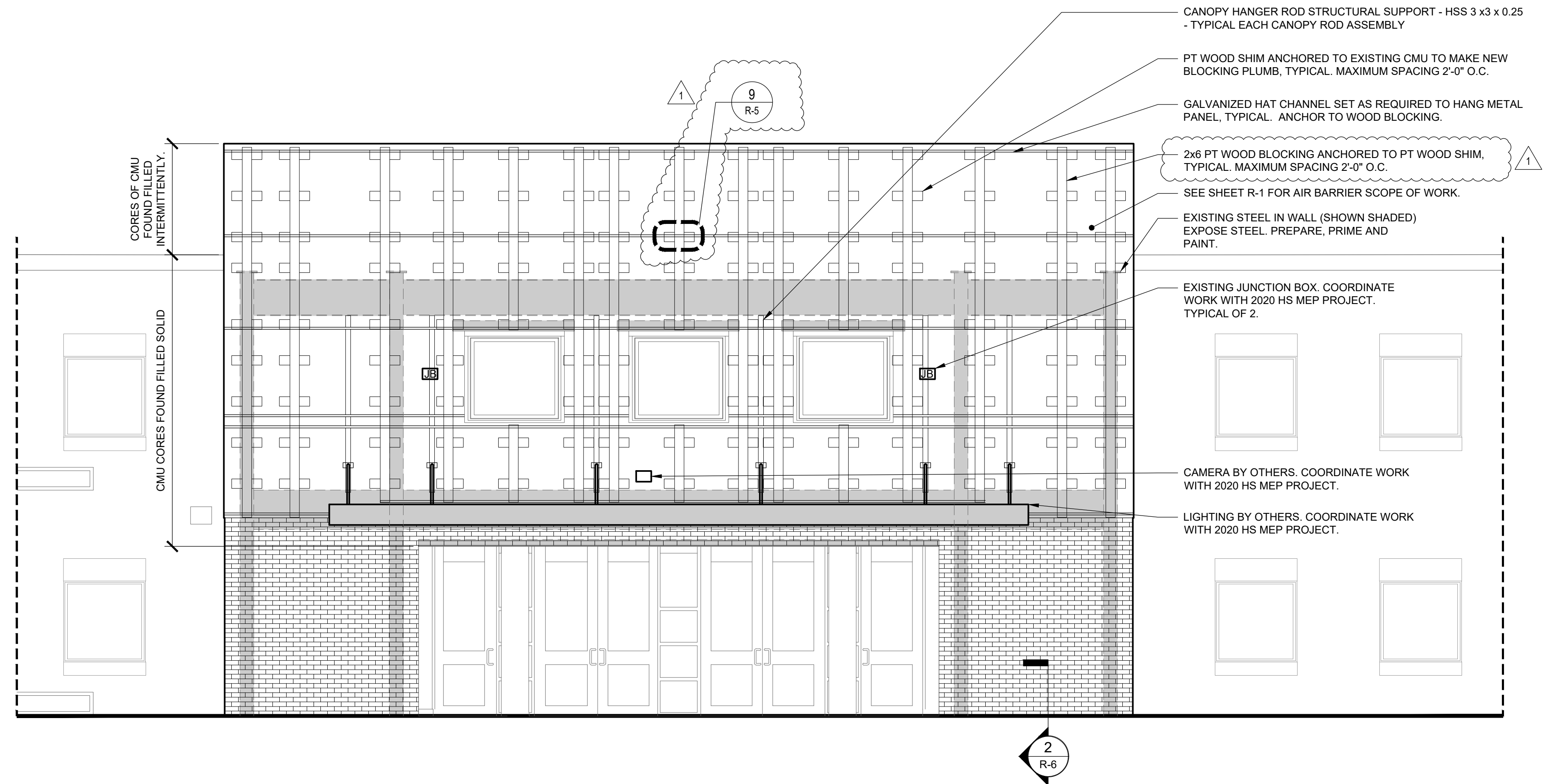
335 W. STATE STREET
FIRST FLOOR
MEDIA, PA 19063
Phone: 484-442-8137
Fax: 484-442-8139



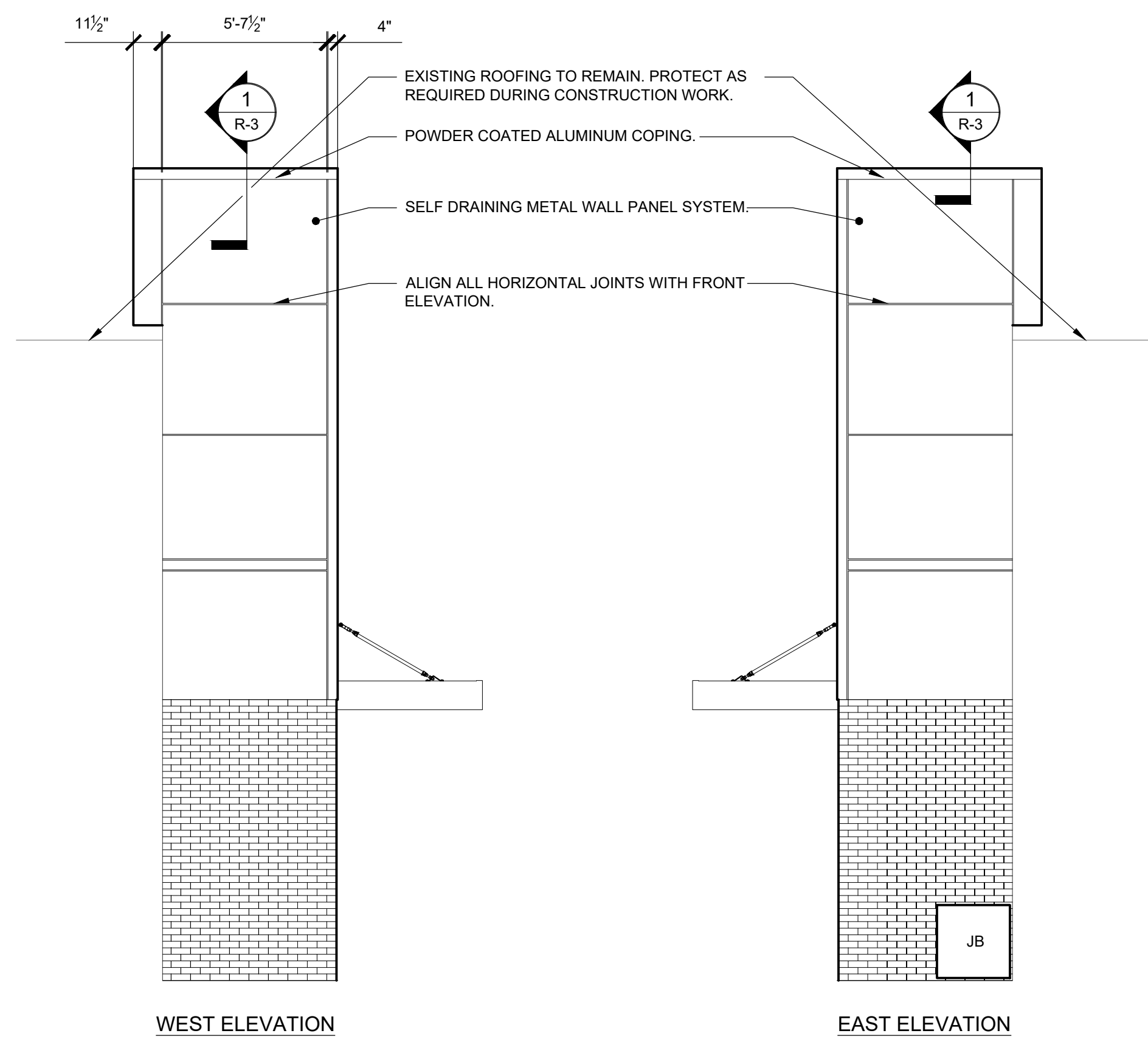
Project No.
2019.020
Date 1/7/2020
Designed SJV
Drawn AJG/WJG
Checked TPS



1 STRUCTURAL SUPPORT FOR METAL PANEL - WALL RETURNS
SCALE: 1/4" = 1'-0"

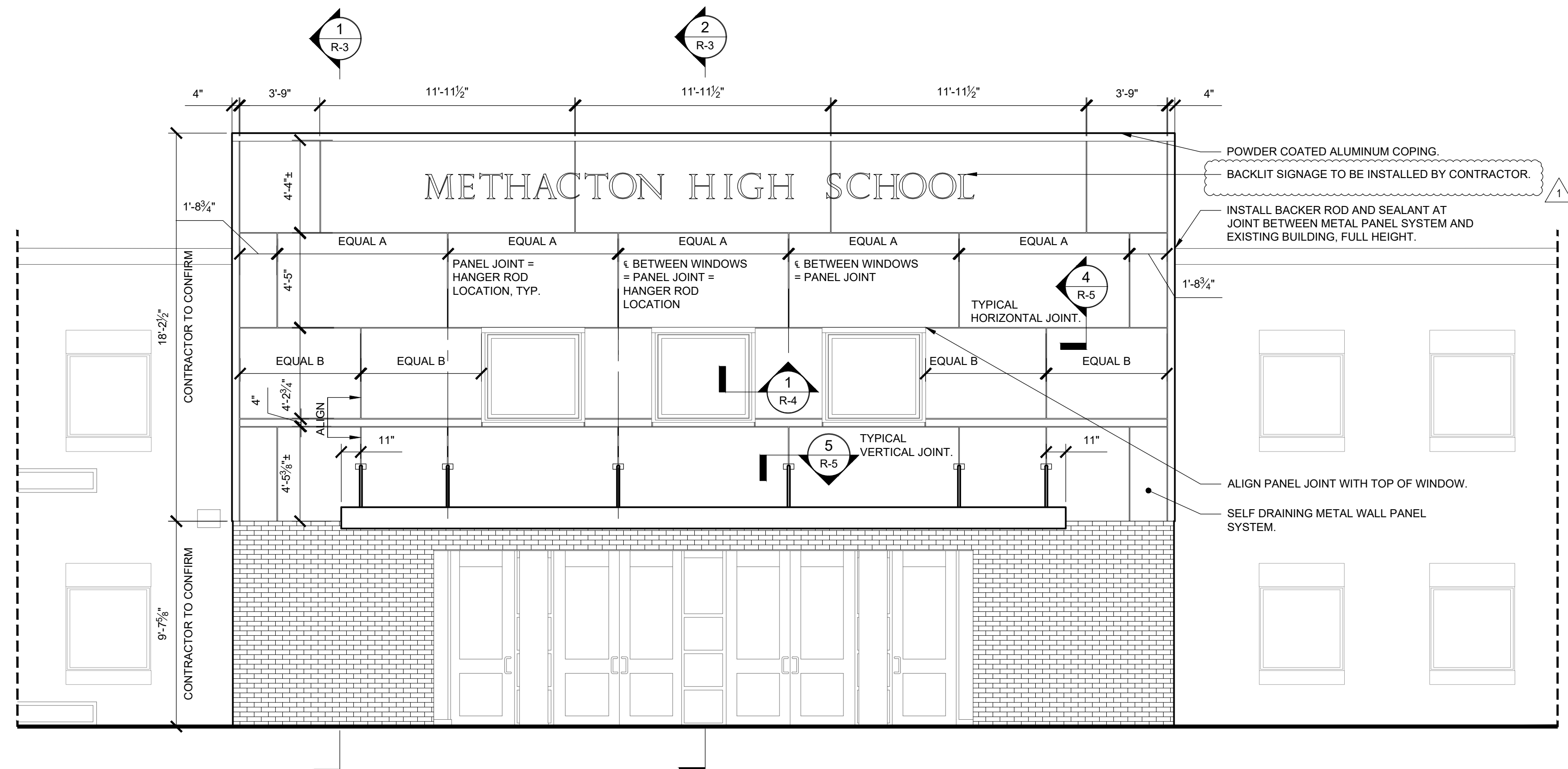


2 STRUCTURAL SUPPORT FOR METAL PANEL - SOUTH ENTRANCE
SCALE: 1/4" = 1'-0"



**NOTE: SEE 1/R-2 FOR STRUCTURAL SUPPORT FOR METAL PANEL.

3 METAL PANEL ARRANGEMENT - WALL RETURNS
SCALE: 1/4" = 1'-0"



**NOTE: SEE 2/R-2 FOR STRUCTURAL SUPPORT FOR METAL PANEL.

4 METAL PANEL ARRANGEMENT - SOUTH ENTRANCE
SCALE: 1/4" = 1'-0"

Rev. No.	Description of Revision
1	BID SET
2	ADDENDUM #2

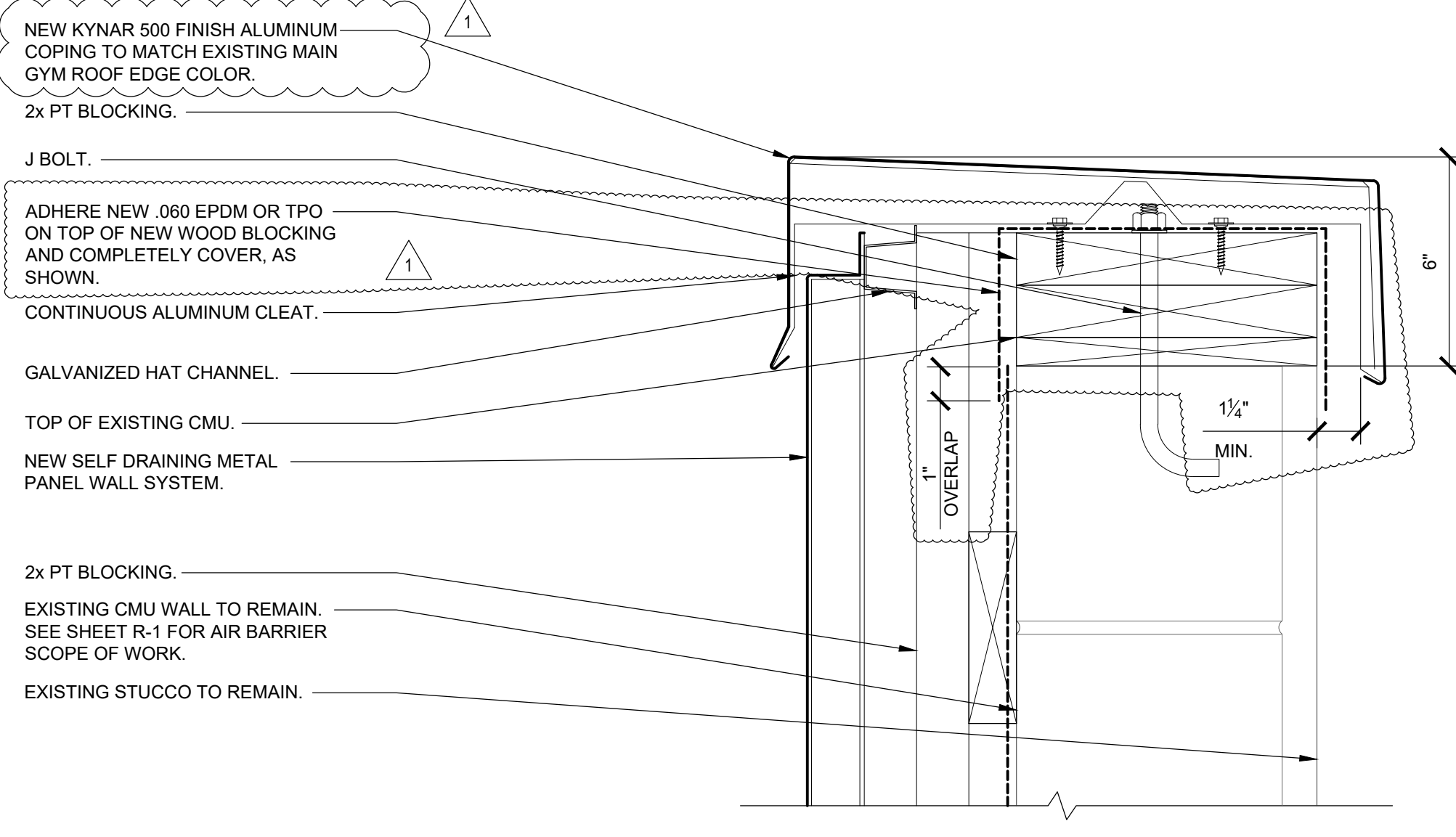
Date: 1/7/20
Date: 1/30/2020

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2020 HIGH SCHOOL FRONT ENTRY REPLACEMENT PROJECT (20.7.8)
ELEVATIONS

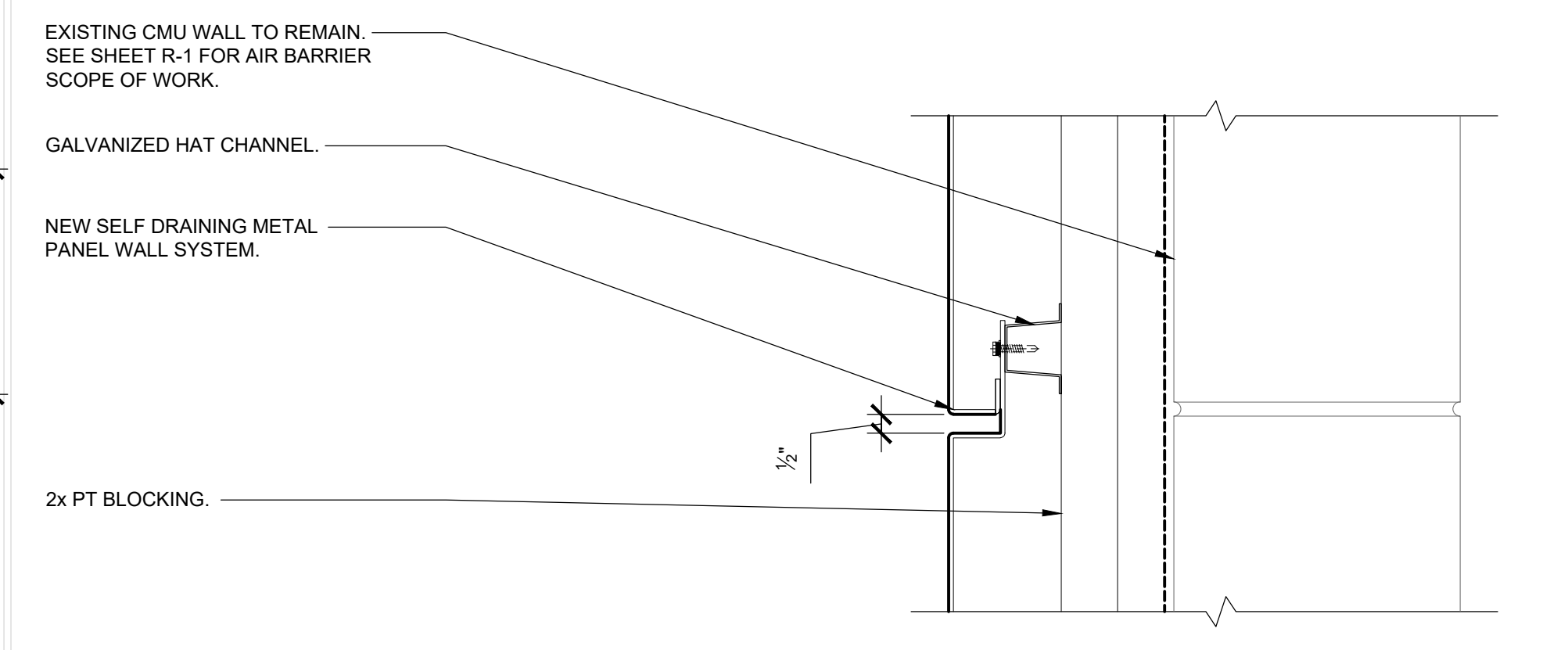
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Caring for the Built Environment

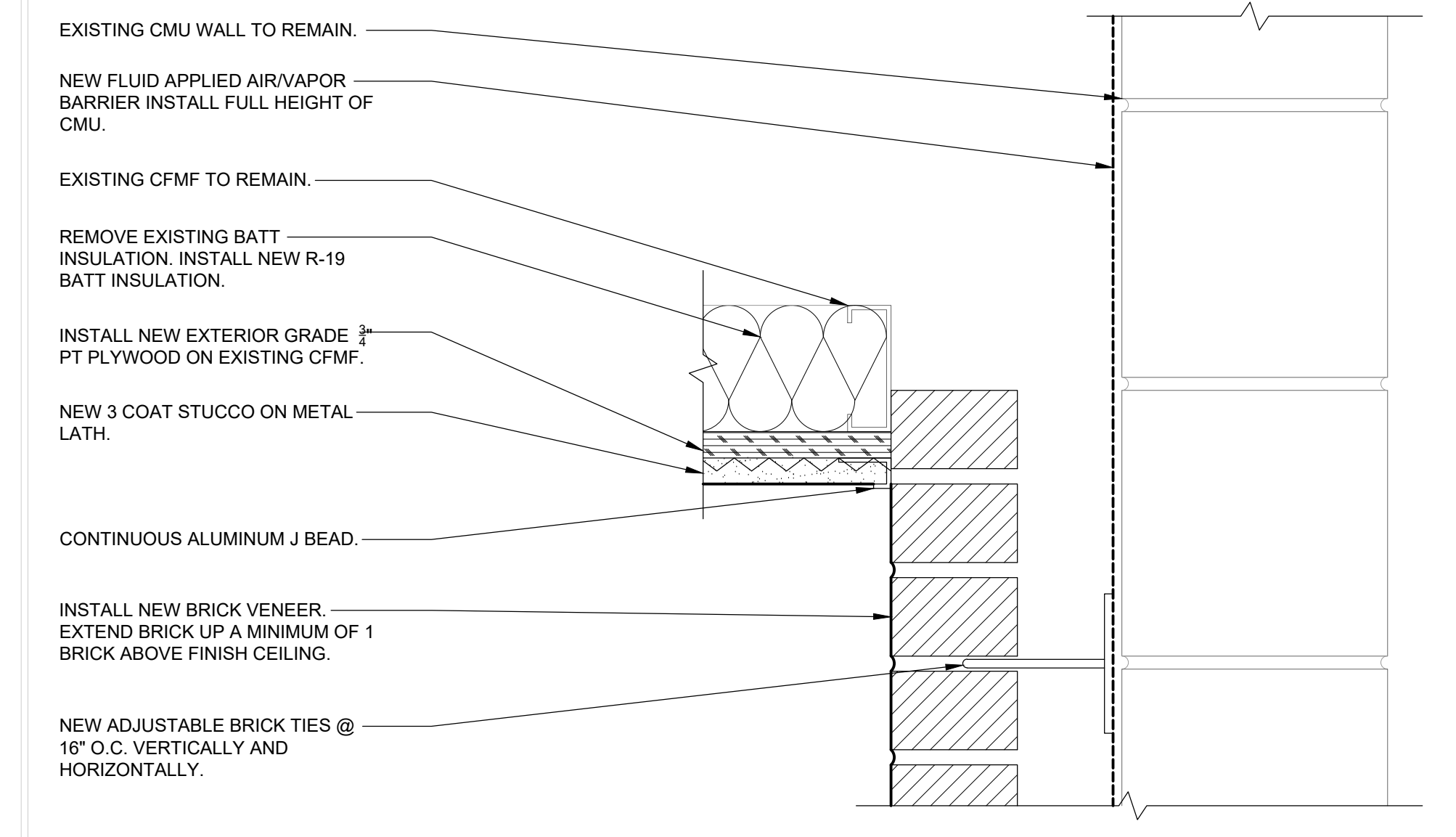
Project No. 2019.020
Date 1/7/2020
Designed SJV
Drawn AJG/WJG
Checked TPS



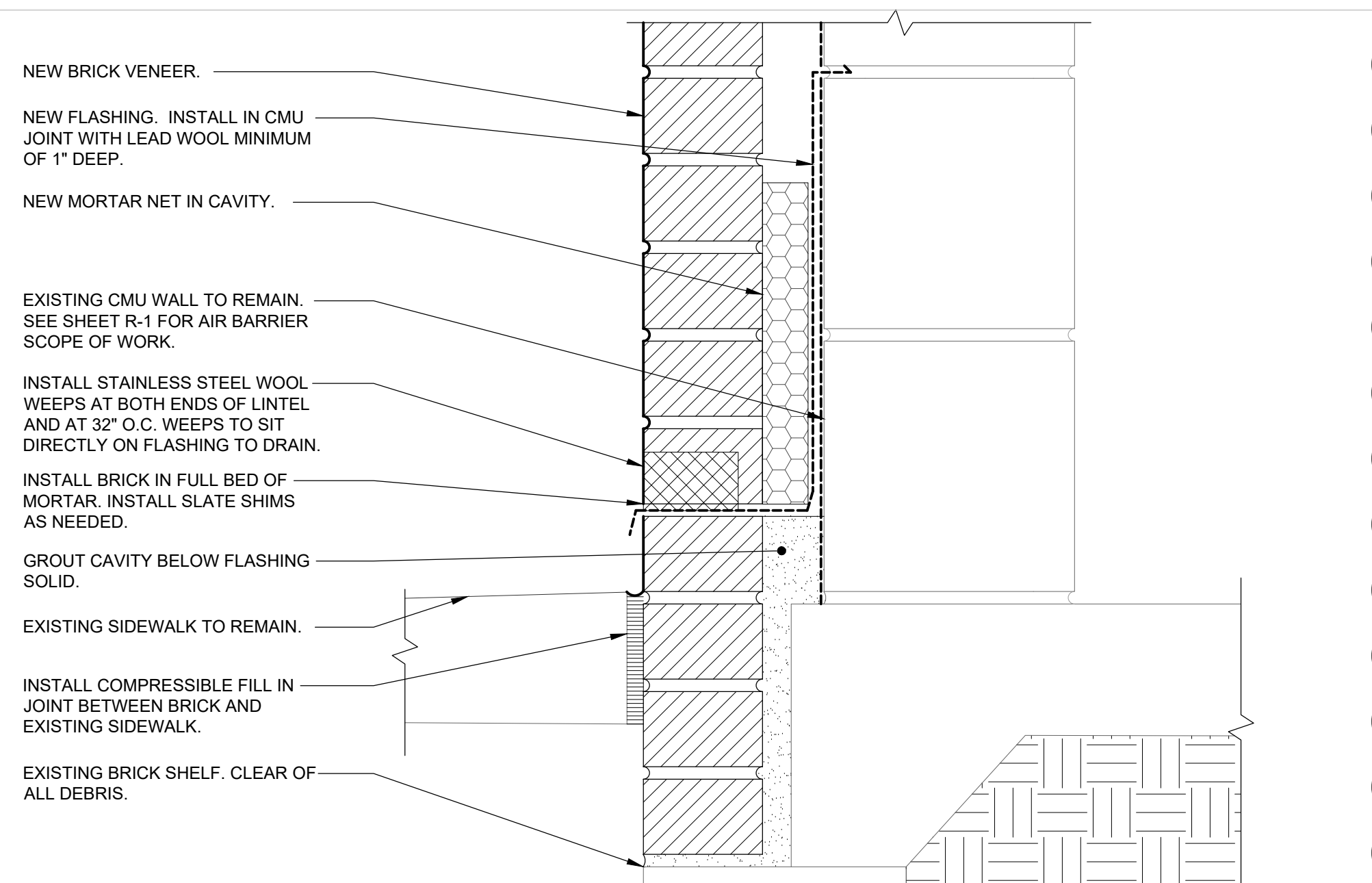
1 COPING
SCALE: 3" = 1'-0"



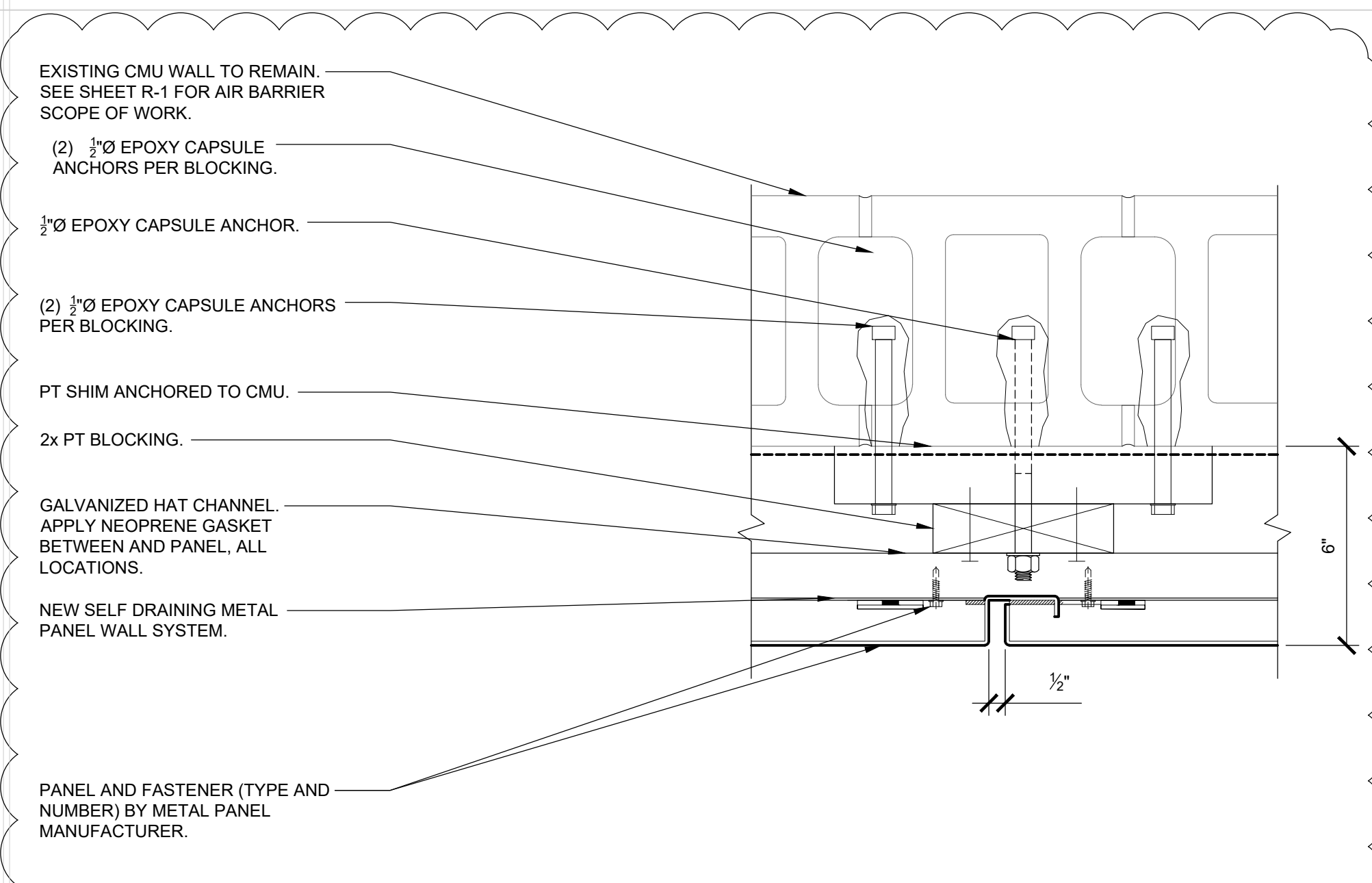
4 TYPICAL HORIZONTAL JOINT IN METAL PANEL
SCALE: 3" = 1'-0"



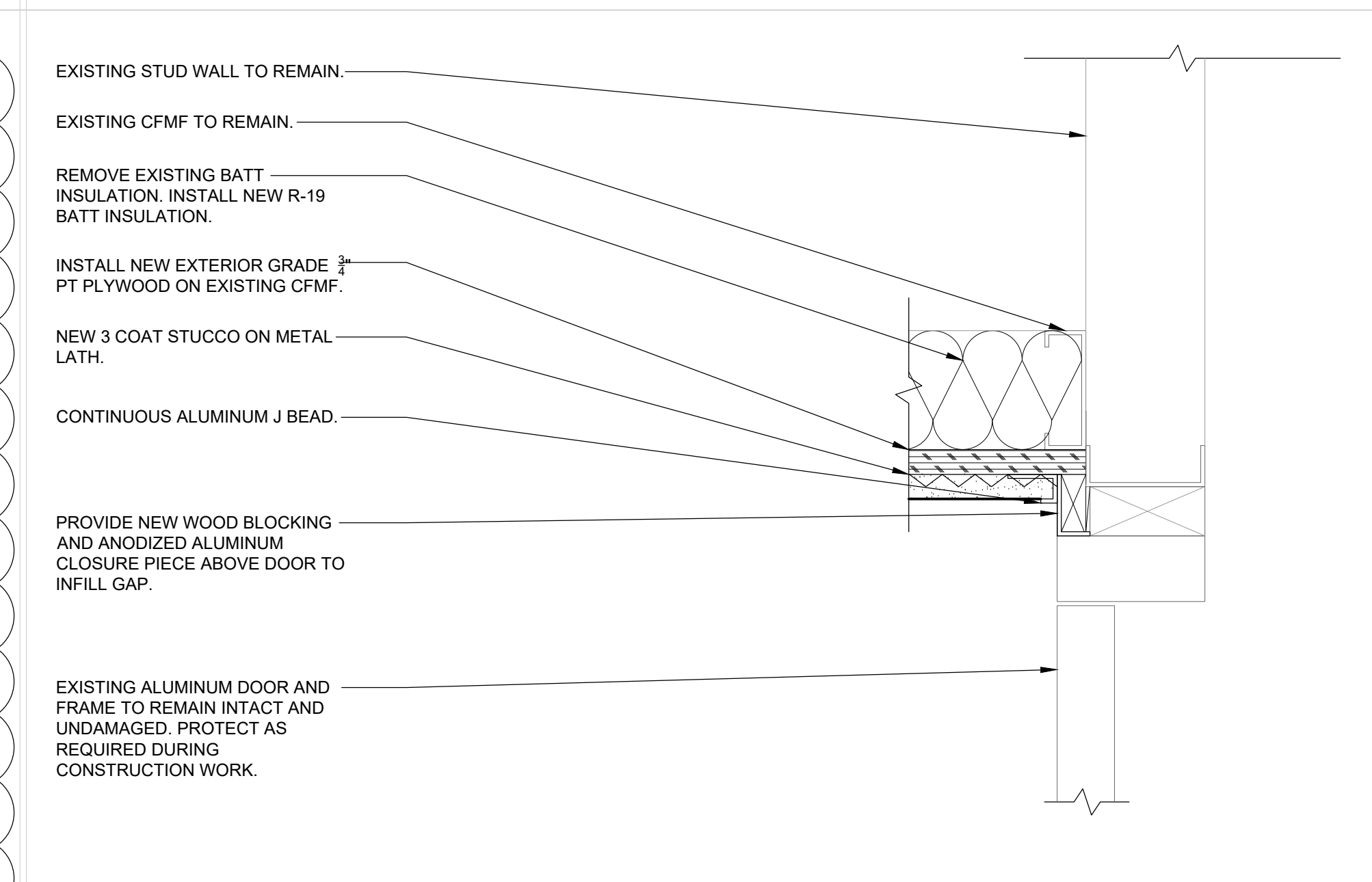
7 STUCCO CEILING AT RETURN WALL
SCALE: 3" = 1'-0"



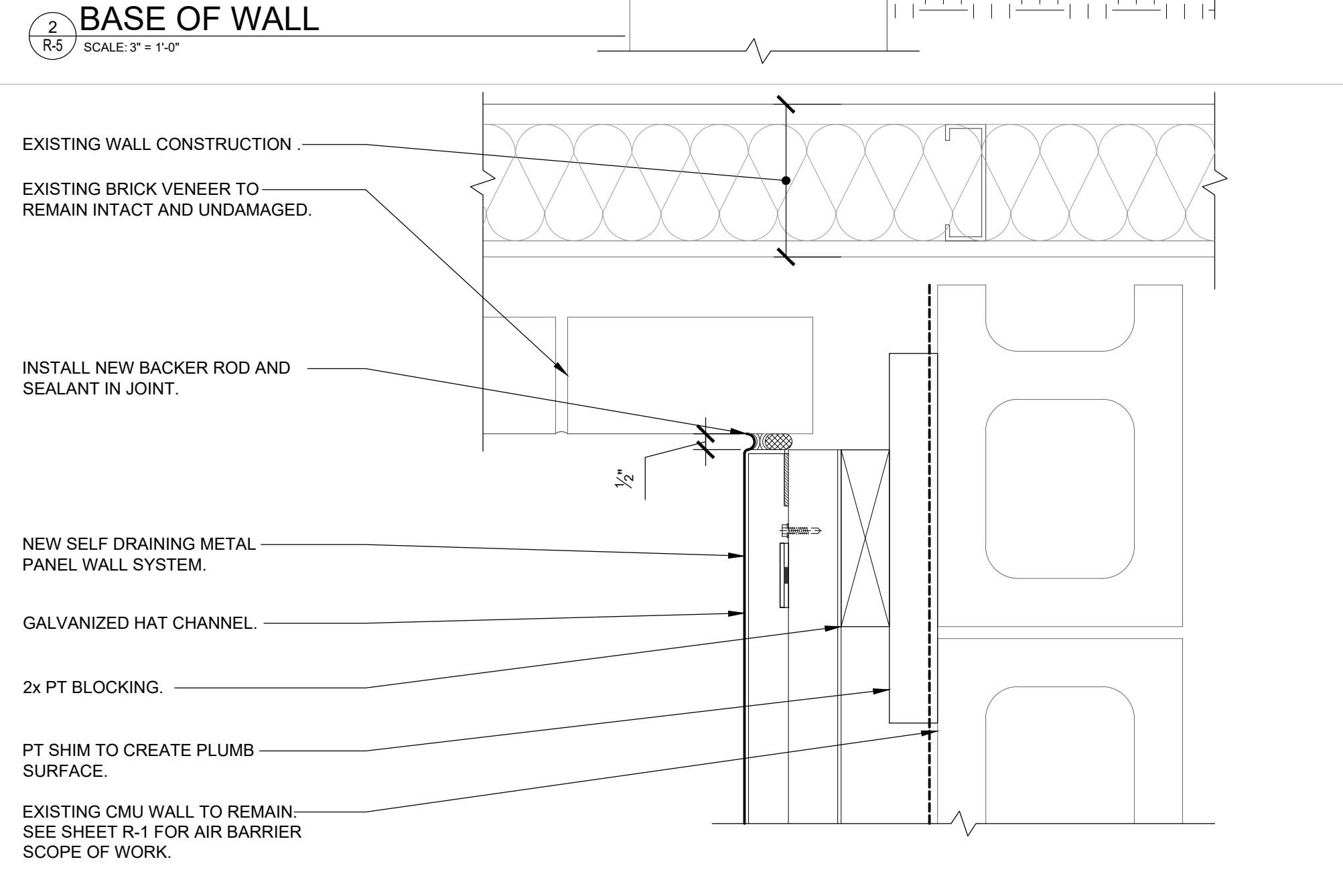
2 BASE OF WALL
SCALE: 3" = 1'-0"



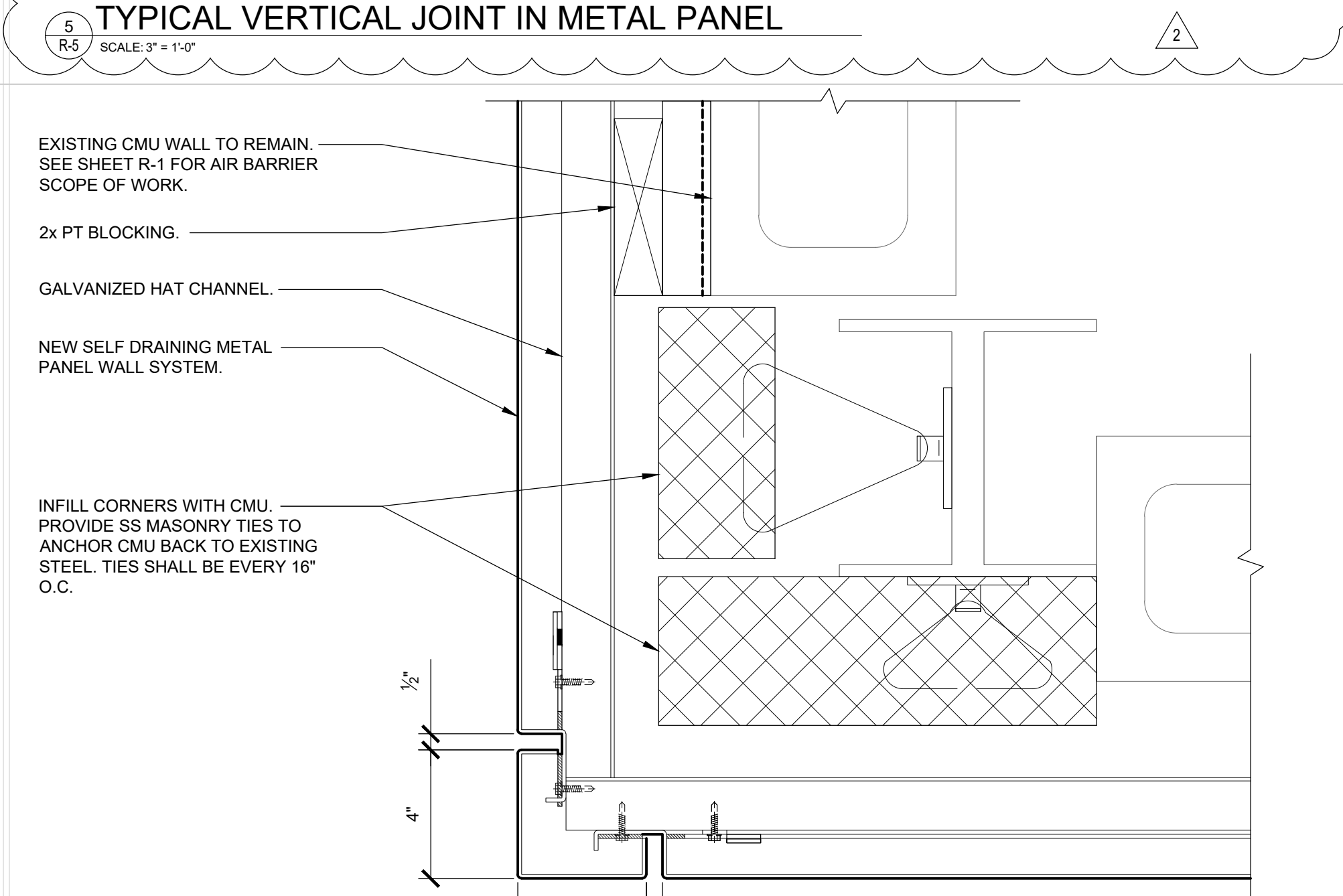
5 TYPICAL VERTICAL JOINT IN METAL PANEL
SCALE: 3" = 1'-0"



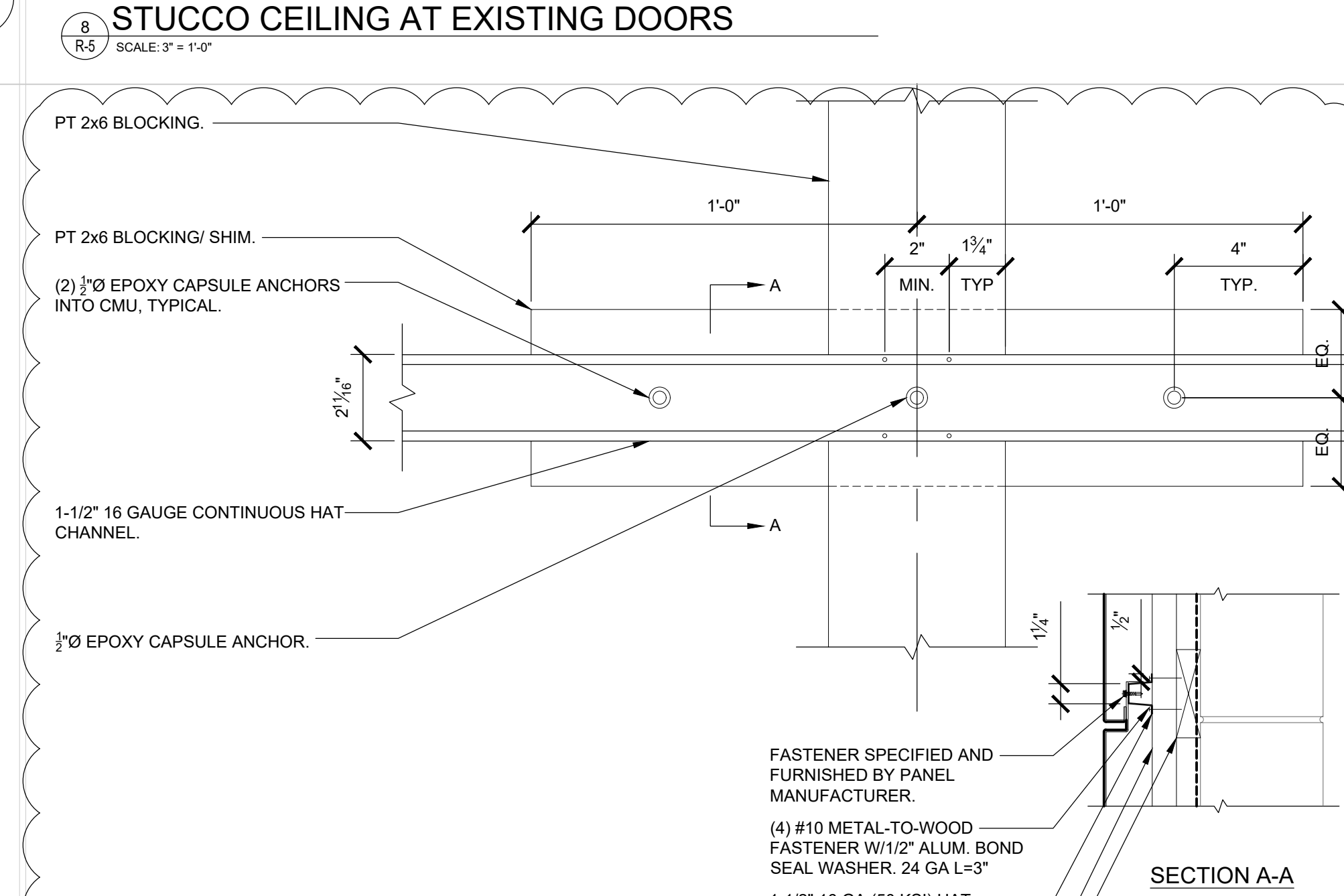
8 STUCCO CEILING AT EXISTING DOORS
SCALE: 3" = 1'-0"



3 JOINT AT EXISTING WALL
SCALE: 3" = 1'-0"



6 OUTSIDE CORNER
SCALE: 3" = 1'-0"



9 CONNECTION DETAIL
SCALE: 3" = 1'-0"

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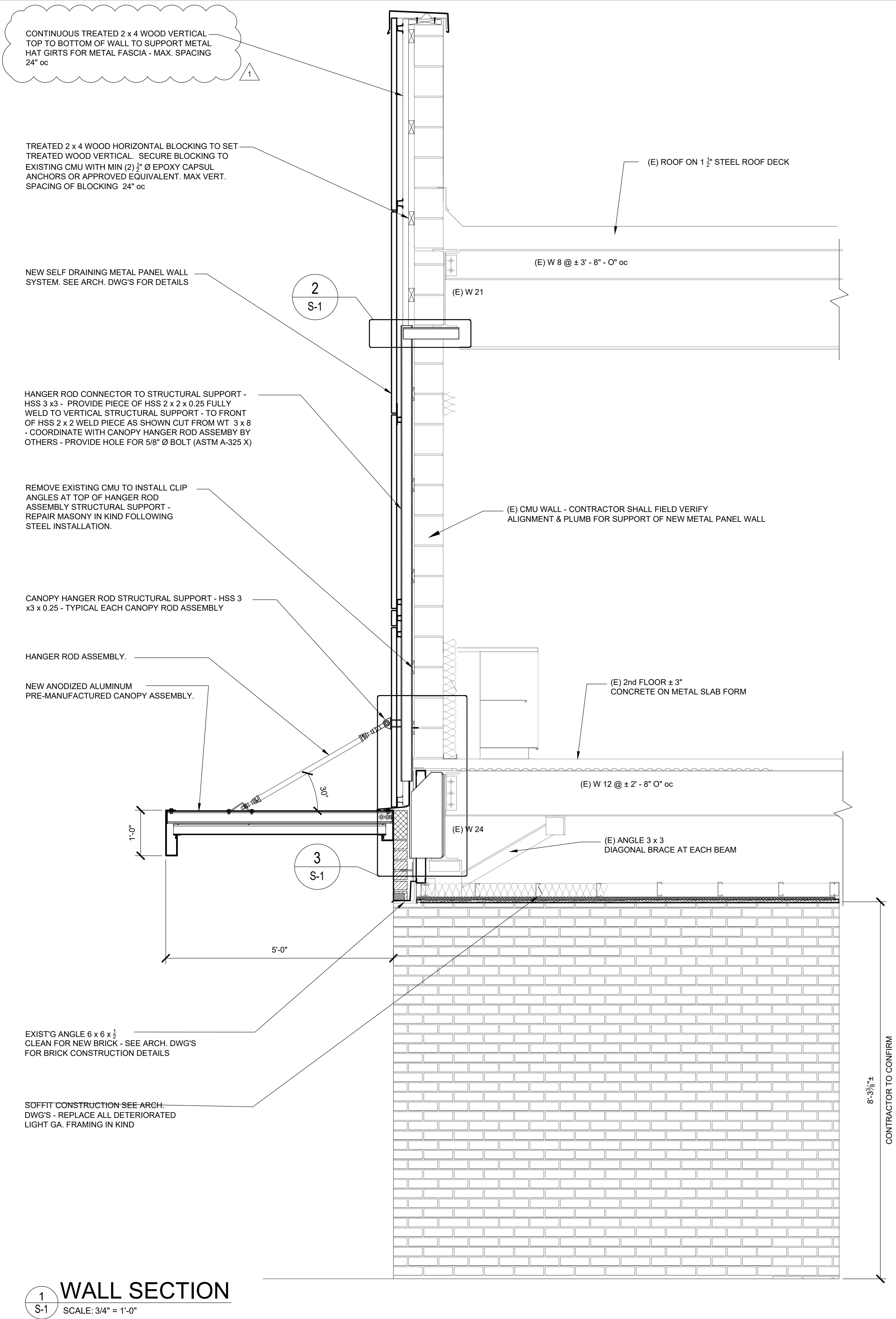
R-5
NO 6 of 7

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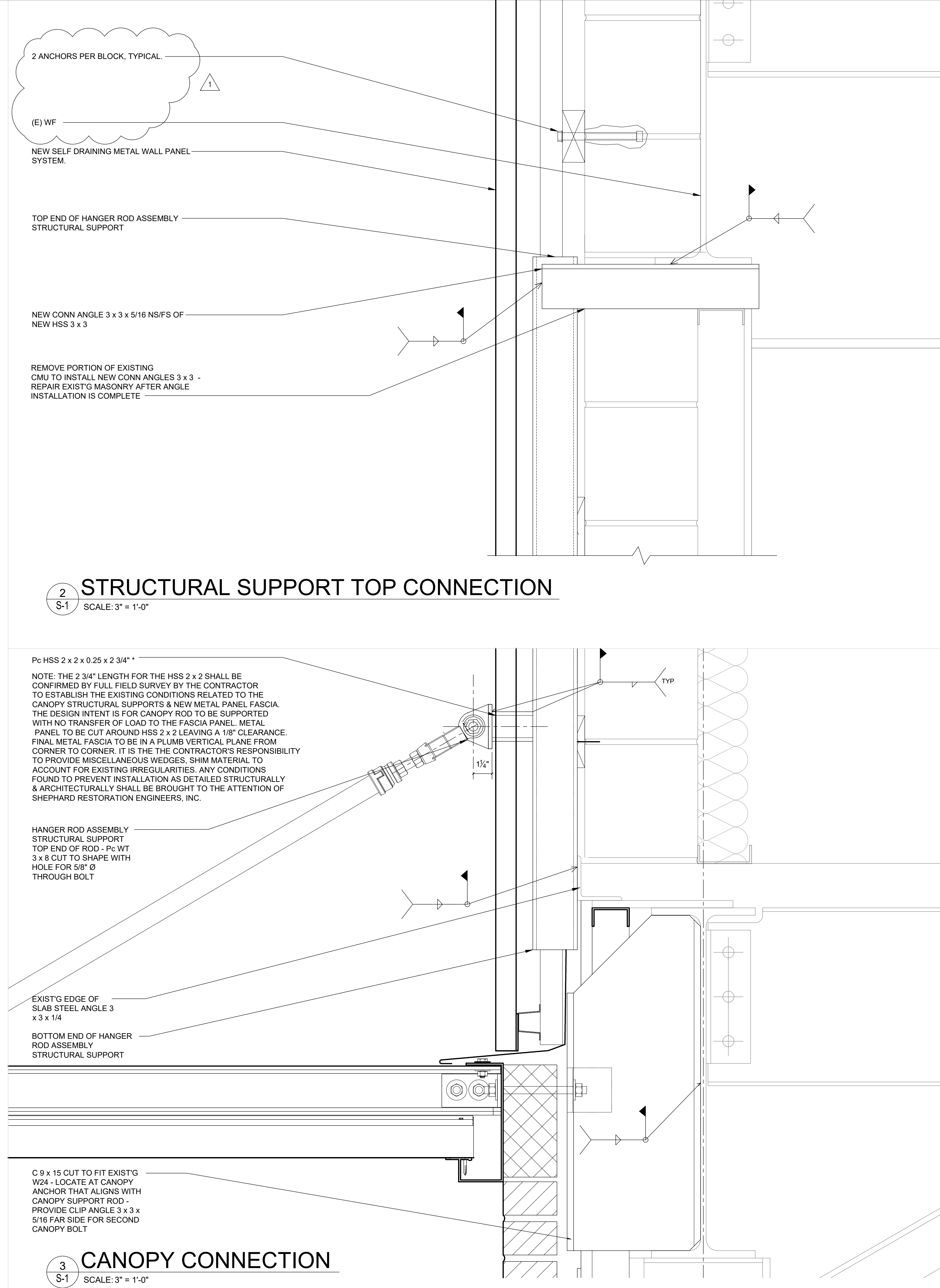
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METHACTON SCHOOL DISTRICT
METHACTON HIGH SCHOOL
1005 KRIEBEL MILL ROAD, EAGLEVILLE, PA
2020 HIGH SCHOOL FRONT ENTRY REPLACEMENT PROJECT (20.7.8)
DETAILS

Rev. No.	1	2
Date	1/7/20	1/23/2020
Description of Revision	BID SET	ADDENDUM #1
		ADDENDUM #2



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



2 STRUCTURAL SUPPORT TOP CONNECTION
SCALE: 3" = 1'-0"

3 CANOPY CONNECTION
SCALE: 3" = 1'-0"

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 METHACTON HIGH SCHOOL
 1005 KRIEBEL MILL ROAD, EAGLEVILLE, PA
 2020 HIGH SCHOOL FRONT ENTRY REPLACEMENT PROJECT (20.7.8)
STRUCTURAL DETAILS

S-1
8 8