



ADDENDUM NO.1

PROJECT: Cumru Fire Department

MWS PROJECT NO: 18-036

ADDRESS: 1775 Welsh Road

Mohnton, PA 19540

The following changes shall be incorporated into the work in accordance with all general requirements as if incorporated in the original documents.

CHANGES TO DRAWINGS:

- 1.) Replace drawing A200 with revised drawing A200 BUILDING ELEVATIONS dated 12/21/2023 Addendum No.1.
- 2.) Replace drawing A601 with revised drawing A601 EXTERIOR & INTERIOR DOOR DETAILS dated 12/21/2023 Addendum No.1.
- 3.) Replace drawings A603 with revised drawing A603 EXTERIOR STOREFRONT ELEVATIONS & DETAILS dated 12/21/2023 Addendum No.1.

CHANGES TO SPECIFICATIONS:

- 1.) Add the following specification section in its entirety:
08 7100.01 – Door Hardware Schedule

BIDDER QUESTIONS & RESPONSES:

- 1.) QUESTION: May we have a range of probable cost for this contract?
RESPONSE: No, we do not release this information to bidders.
- 2.) QUESTION: Do you have an estimated value for GC bonding?
RESPONSE: No, we do not release this information to bidders. Bonding amount is based on the bid amount.
- 3.) QUESTION: Is the Meter Pit detailed on Sheet 8 of 25 existing?
RESPONSE: The meter pit along with all internal appurtenances is to be supplied and installed as part of contract 1A.

4.) QUESTION: On mechanical bid set drawing M-201 references heating piping schematic 1 on M-302. M-302 is not in the bid set. Can you get this out in an addendum?

RESPONSE: To be addressed in a future addendum.

5.) QUESTION: Subject 'Fire Meter Pit'; Appendix D, Letter J read as the Plumbing Contractor is responsible for all water and structures. Please clarify.

RESPONSE: To be addressed in a future addendum.

6.) QUESTION: Subject 'Schedule of Values'; Can this be submitted after the bid if in consideration for award?

RESPONSE: This shall be submitted with the bid.

7.) QUESTION: Subject 'Subs and FEIN numbers'; Can this be provided after the bid if in consideration for award?

RESPONSE: This shall be submitted with the bid.

8.) QUESTION: What is the estimated project value?

RESPONSE: That information is not being released.

9.) QUESTION: Subject 'Bidders experience with representatives contact info and photo's'; Can this be submitted after the bid if in consideration for award?

RESPONSE: This shall be submitted with the bid.

10.) QUESTION: Please provide door hardware schedule.

RESPONSE: Attached herein this addendum.

11.) QUESTION: Is this a PADOT project and will PADOT inspections be required?

RESPONSE: This is not a PennDOT project and PennDOT inspections will not be required.

12.) QUESTION: Will there be detailed Fire Protection drawings issued? We only see some of it on the plumbing drawings.

RESPONSE: To be addressed in a future addendum.

13.) QUESTION: Please provide the wages for this project. They are not in the specifications. Thank You

RESPONSE: To be addressed in a future addendum.

14.) QUESTION: Please confirm that there is NO FIRE PROTECTION on this project. Thank You.

RESPONSE: To be addressed in a future addendum.

15.) QUESTION: Please specify which documents are to be submitted with the Bid Form. There is a conflict between what is listed on the Bidders Checklist (sec 004400) vs. Bid Submittal Checklist (sec 004393).

RESPONSE: To be addressed in a future addendum.

16.) QUESTION: 23 8300-2.1-A states one of the listed manufacturers must furnish, install, commission and warrant the radiant floor heating system. Is this correct as the manufacturer normally does not install the system?

RESPONSE: To be addressed in a future addendum.

17.) QUESTION: The owner pays for the General (non-trade) Building permit. Will this include the HVAC permit and inspection fees?

RESPONSE: To be addressed in a future addendum.

18.) QUESTION: Who provides temporary heat and fuel usage charges when the building is fully enclosed but prior to the operation of the permanent heating systems?

RESPONSE: To be addressed in a future addendum.

19.) QUESTION: Who provides fuel usage charges when the building is fully enclosed and the permanent heating systems are operational?

RESPONSE: To be addressed in a future addendum.

20.) QUESTION: Are there any domestic material requirements for this project?

RESPONSE: To be addressed in a future addendum.

21.) QUESTION: Will the mandatory pre-bid sign in sheets be provided?

RESPONSE: To be addressed in a future addendum.

22.) QUESTION: The bid documents have the MC priming and painting boiler room and mechanical room floors. This should be under the GC scope of work. If by the MC do the following areas require painting the floor: Mechanical Rooms 115.1 & 122, Utility Room 156, East & West Mezzanines? Dose this apply to any other areas?

RESPONSE: To be addressed in a future addendum.

23.) QUESTION: May manufacturers equipment other than those listed be submitted for approval as an equal after the bid is awarded?

RESPONSE: To be addressed in a future addendum.

24.) QUESTION: Is under slab insulation required for the radiant floor heating and if so who provides and what type?

RESPONSE: To be addressed in a future addendum.

25.) QUESTION: Mechanical General Note 22 on M001 states that exposed piping in finished areas is to get a 16 ga. steel, primed and painted cover. Are the areas under the Mezzanines and on the

Mezzanines where there are no ceilings to be considered as finished areas and applicable to this Note?

RESPONSE: To be addressed in a future addendum.

26.) QUESTION: Is Valent the only acceptable manufacturer for the DOAS unit?

RESPONSE: To be addressed in a future addendum.

27.) QUESTION: The Breeching specifications list flue venting and combustion air intake for condensing and non-condensing equipment. The boiler specs list additional types of venting, the water heater specs list none. Which spec applies? What sizes are the boiler and water heater venting? Do the boiler and water heater get combustion air piping and if so what sizes? Also the DOAS has no reference to venting. What size venting and what type?

RESPONSE: To be addressed in a future addendum.

28.) QUESTION: What material is the dryer venting to be?

RESPONSE: To be addressed in a future addendum.

29.) QUESTION: Who provides the VFD's for PHWP-1&2 and SHWP-1&2?

RESPONSE: To be addressed in a future addendum.

ATTACHMENTS:

- 1.) Addendum No.1 – Drawings
- 2.) Addendum No.1 – Specifications

END OF ADDENDUM

GENERAL ELEVATION NOTES

NOTE # 1 SEE OTHER ELEVATIONS FOR TYPICAL NOTES.

EXTERIOR FINISH LEGEND

FINISH MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL/PRODUCT LINE	BOD COMMENTS
EF-1	STANDING SEAM METAL ROOF PANELS	ATAS INTERNATIONAL, INC.	STANDING DUTCH SEAM - COLOR (62) CHARCOL GREY	
EF-2	VERTICAL METAL WALL PANEL		COLOR TBD	
EF-3	3-5/8" SPLIT FACE MASONRY, TYP.	YORK BUILDING PRODUCTS	COLOR CORN SILK	
EF-4	6" x 8" x 16" GROUND FACE SOLID CHAMFER BLOCK	YORK BUILDING PRODUCTS		
EF-5	HORIZONTAL INSULATED CORRUGATED METAL SIDING		COLOR TBD	
EF-6	ALUMINUM FASCIA, TYP.		SHEET METAL	
EF-7	ALUMINUM GUTTER & DOWNSPOUT, TYP.			
EF-8	4" CORNER TRIM		COLOR TO MATCH METAL WALL PANEL	

TYPICAL REFERENCED NOTES - ELEVATIONS

NO.	NOTE
1	CMU SPLIT FACE VENEER.
2	GROUND FACE BLOCK BANDING PROFILE A.
3	PAINTED INSULATED METAL DOOR/WINDOW, AND ASSOCIATED FRAME.
4	PRE-FINISHED VERTICAL METAL PANELS.
5	5"x4" PRE-FINISHED METAL DOWNSPOUT TO POWDER COATED CAST IRON BOOT.
6	PRE-FINISHED CORNER CLOSURE.
7	PRE-FINISHED METAL WRAPPED FASCIA BOARD.
8	6"x6" PRE-FINISHED METAL GUTTER.
9	SNOW GUARD.
10	STANDING SEAM METAL ROOF.
11	PRE-FINISHED HORIZONTAL INSULATED METAL PANEL.
12	PRE-FINISHED METAL RIDGE CAP.
13	WALL MOUNTED EXTERIOR LIGHT FIXTURE, SEE ELECTRICAL PLANS FOR MORE INFORMATION.
14	CONCRETE FOOTING, SEE STRUCTURAL PLANS FOR MORE INFORMATION.
17	BOLLARD.
18	ACRYLIC PANFACED CABINET SIGN, INTERNALLY LIT.
19	DIMENSIONAL METAL LETTERING.
20	STANDING SEAM METAL ROOF AWNING CENTERED OVER DOOR OPENING BELOW.
21	HORIZONTAL INSULATED METAL PANEL VERTICAL JOINT.
22	GAS METER.
23	ACRYLIC SIGN.
24	PLUMBING VENT.
25	5"x4" PRE-FINISHED METAL DOWNSPOUT.
26	SIGNAGE LIGHT FIXTURE.
27	OVERHEAD DOOR LIGHT FIXTURE.
28	FLUE STACK.
31	GOOSENECK DUCT EXHAUST

MANN
STUDIOS
ARCHITECTURE + MASTER PLANNING
10839-D PHILADELPHIA RD
WHITE MARSH, MD 21162
(P) 410-344-1460
(E) INFO@MWSARCH.COM
WWW.MWSARCH.COM

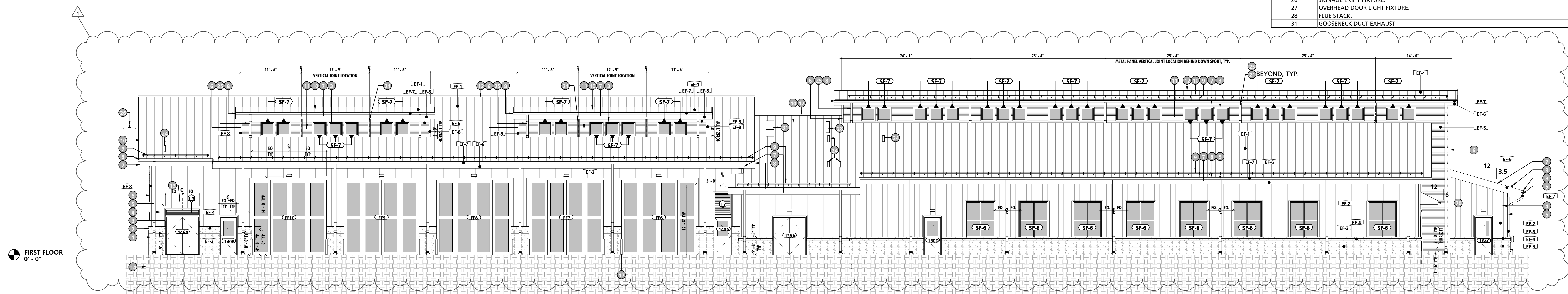
SEAL:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA.
LICENSE NUMBER: BR406511
EXPIRATION DATE: 6-30-2023

CONSULTANT:

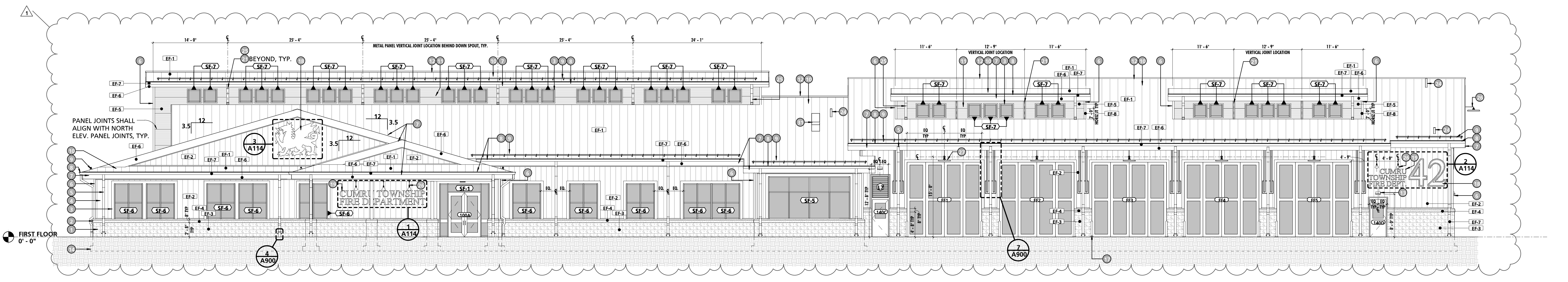
CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE
1	Addendum 1	12/21/23
PROJECT NUMBER: 18-036		
PROJECT SET: BID SET		
DATE ISSUED: 11/30/2023		
DRAWING TITLE: BUILDING ELEVATIONS		
SHEET NUMBER: A200		

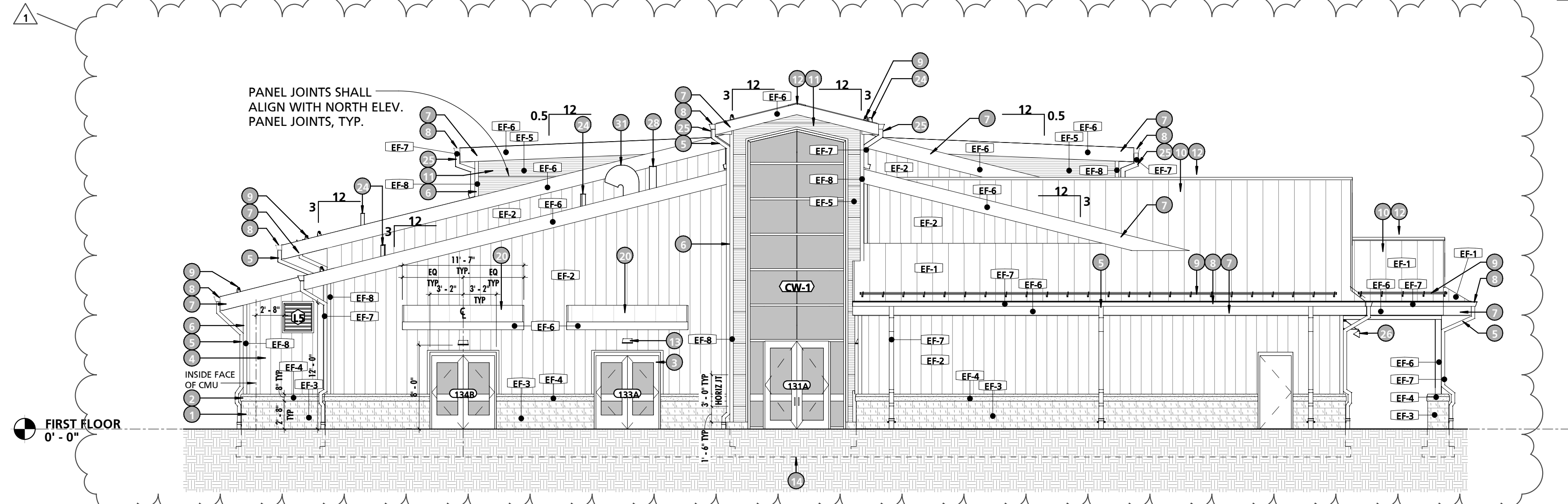
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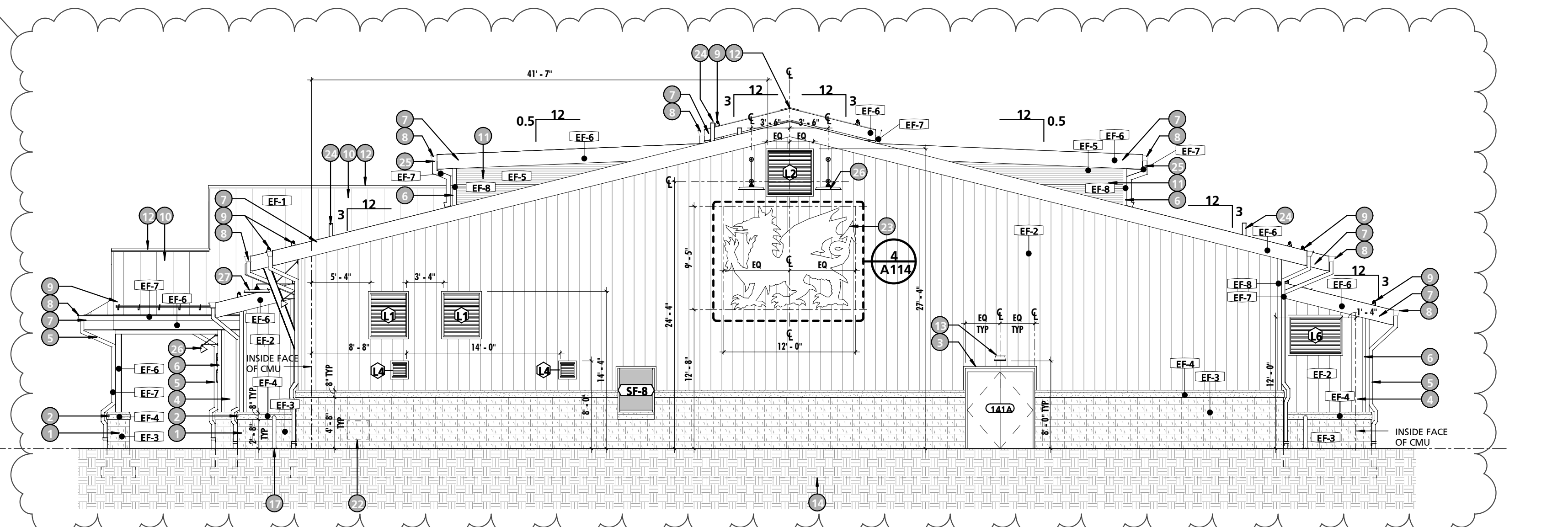
1 NORTH ELEVATION
1/8" = 1'-0"



2 SOUTH ELEVATION
1/8" = 1'-0"



3 WEST ELEVATION
1/8" = 1'-0"



4 EAST ELEVATION
1/8" = 1'-0"

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1775 WELSH ROAD
MOHNTON, PA 19540

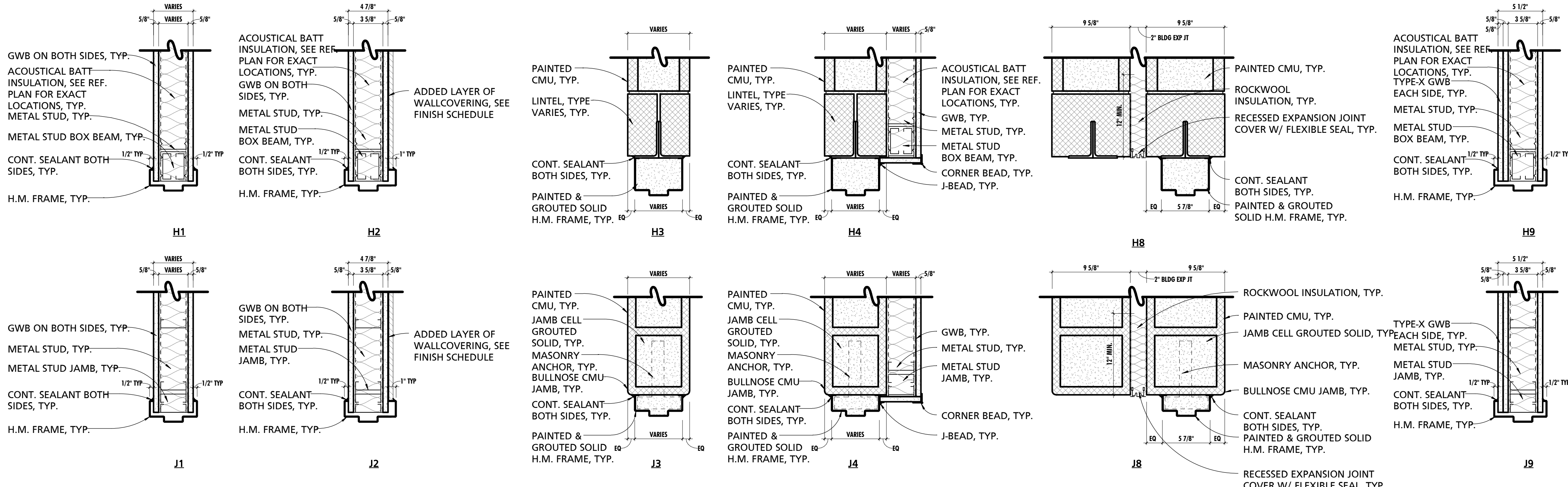
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PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

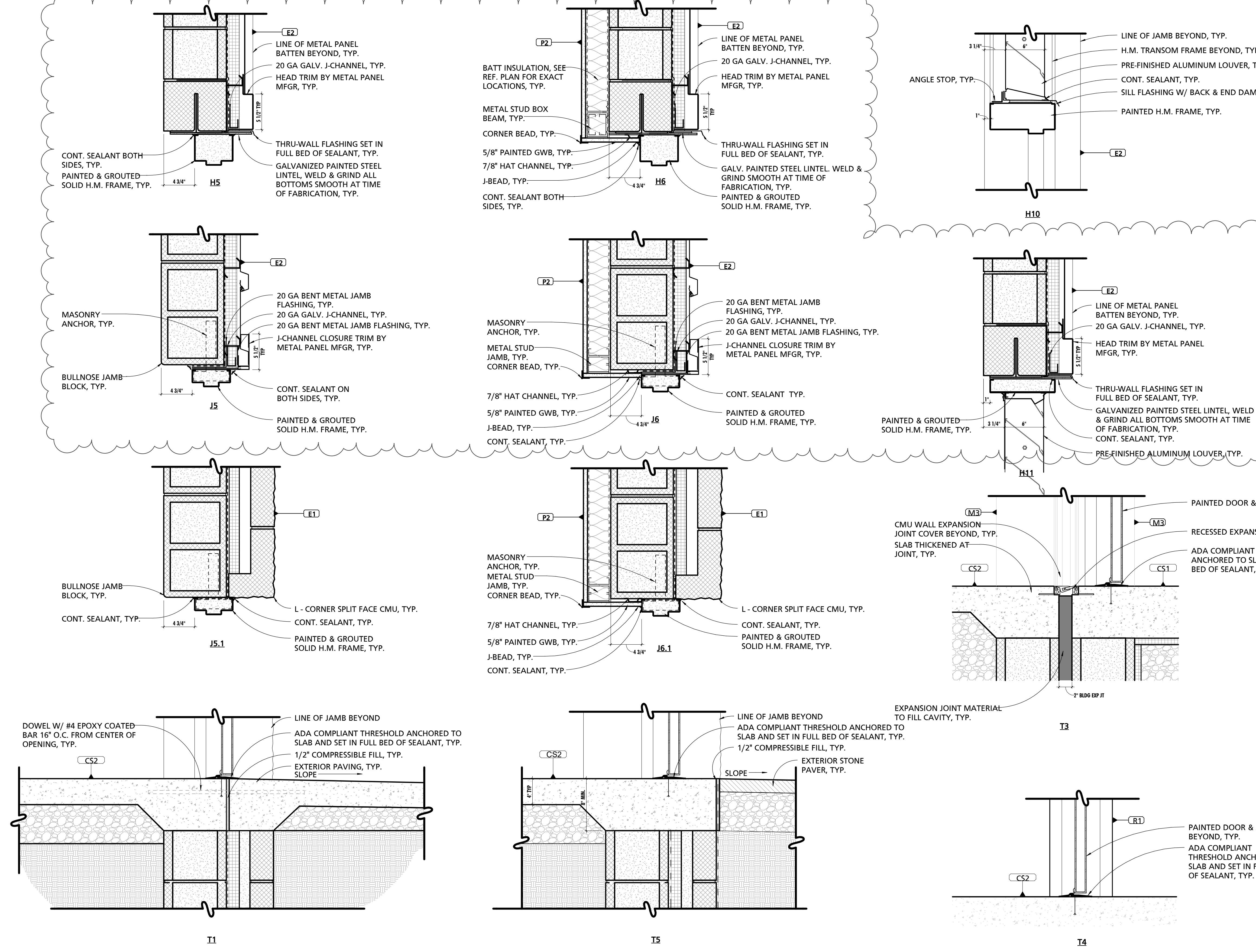
DRAWING TITLE:
EXTERIOR & INTERIOR
DOOR DETAILS

SHEET NUMBER:
A601

12/20/2023 11:34:59 AM



1 INTERIOR DOOR DETAILS
1 1/2" = 1'-0"



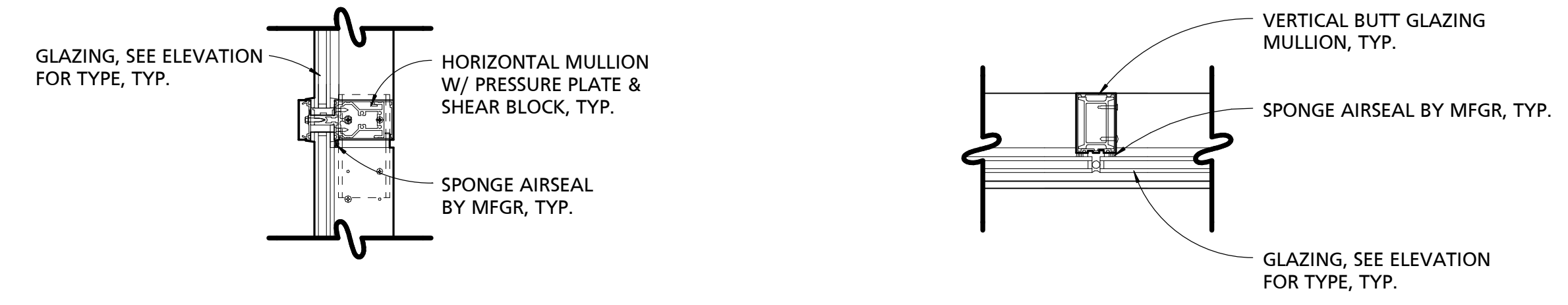
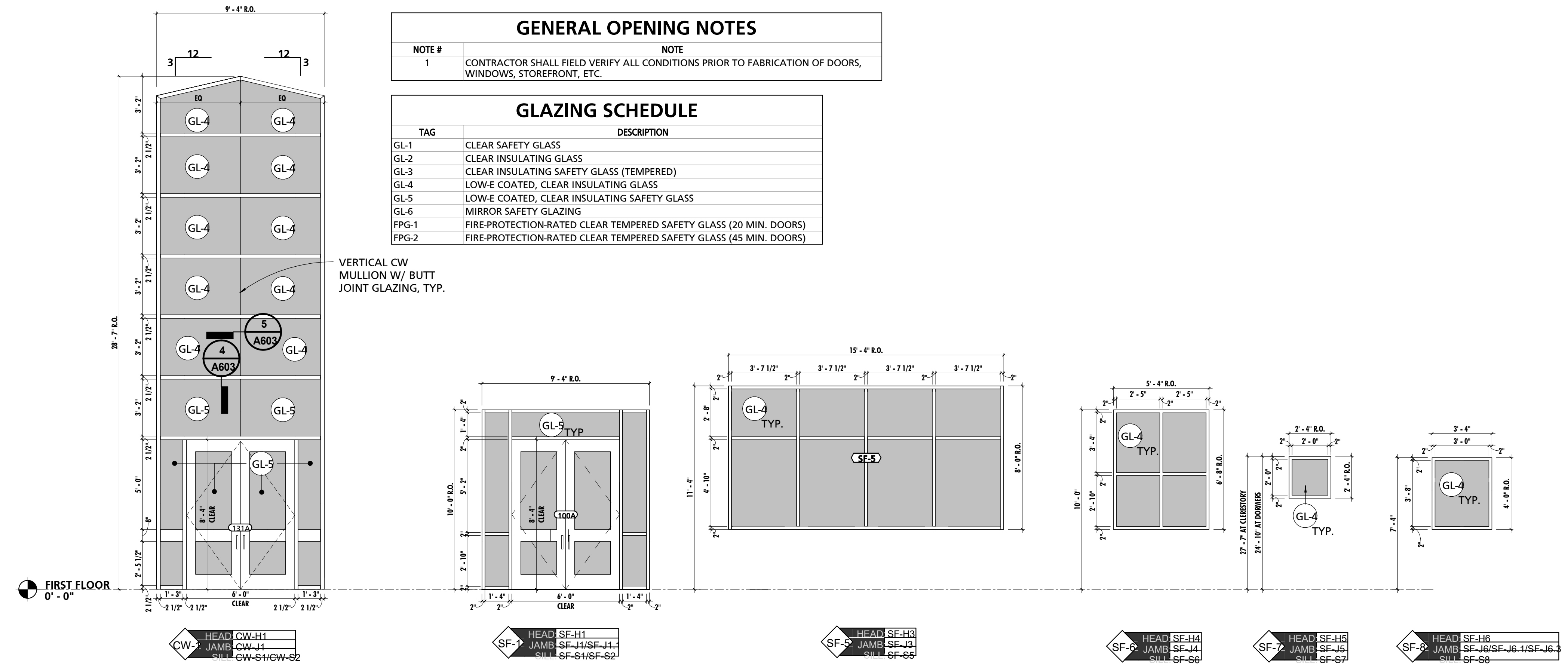
2 EXTERIOR DOOR HEAD, JAMB, & SILL DETAILS
1 1/2" = 1'-0"

3 INTERIOR DOOR THRESHOLD DETAIL
1 1/2" = 1'-0"

4 FOUR-FOLD DOOR HEAD, JAMB, & SILL DETAILS
1 1/2" = 1'-0"

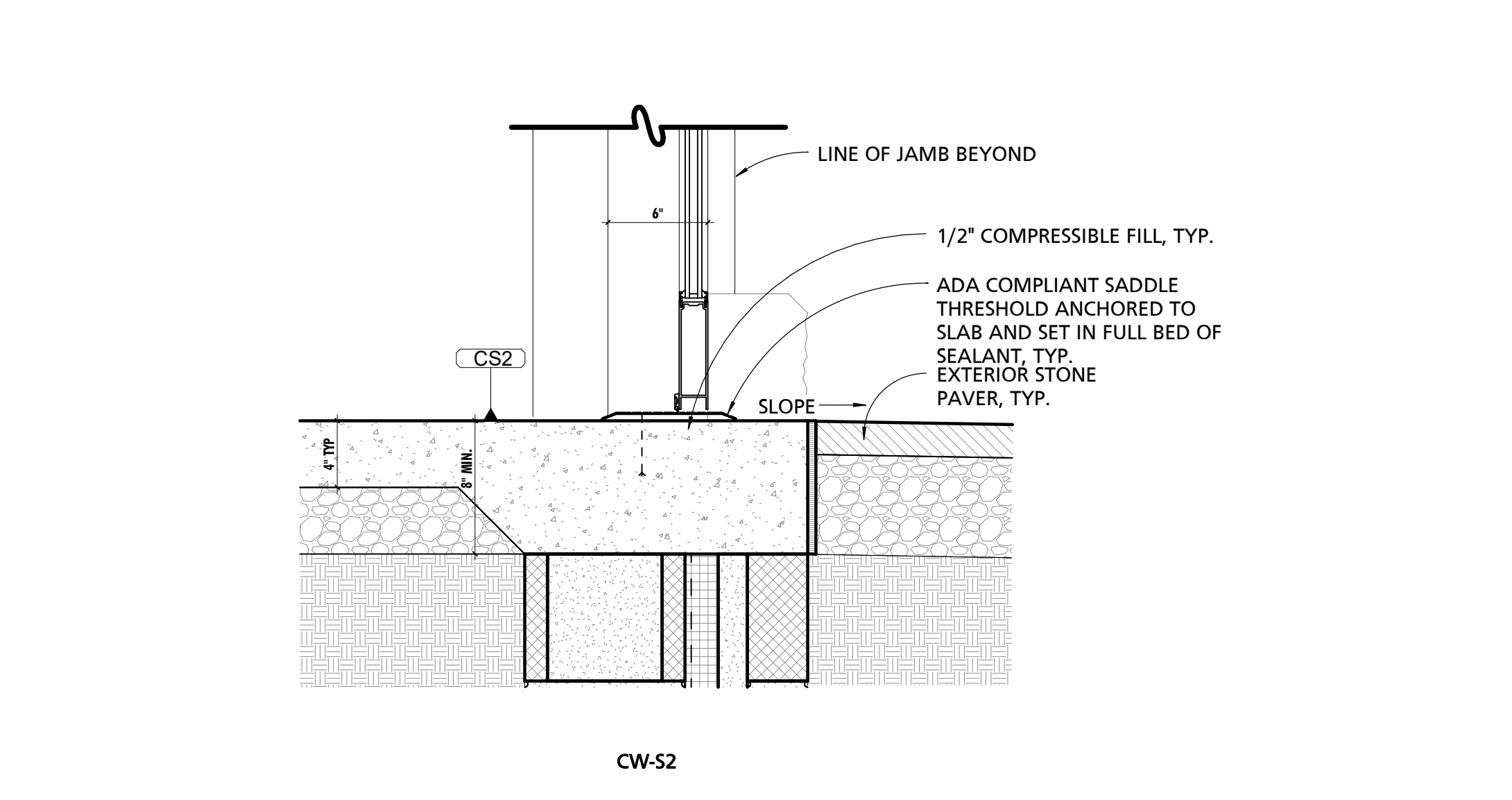
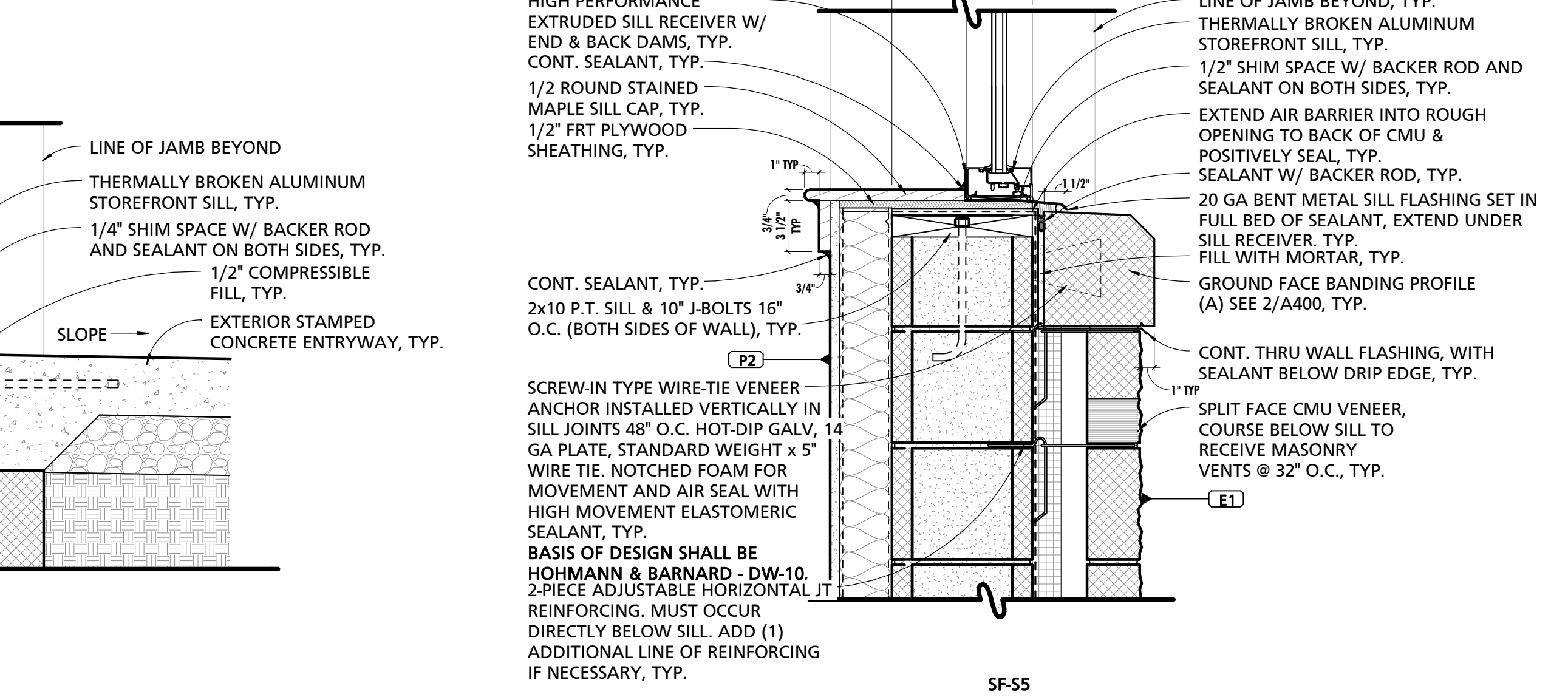
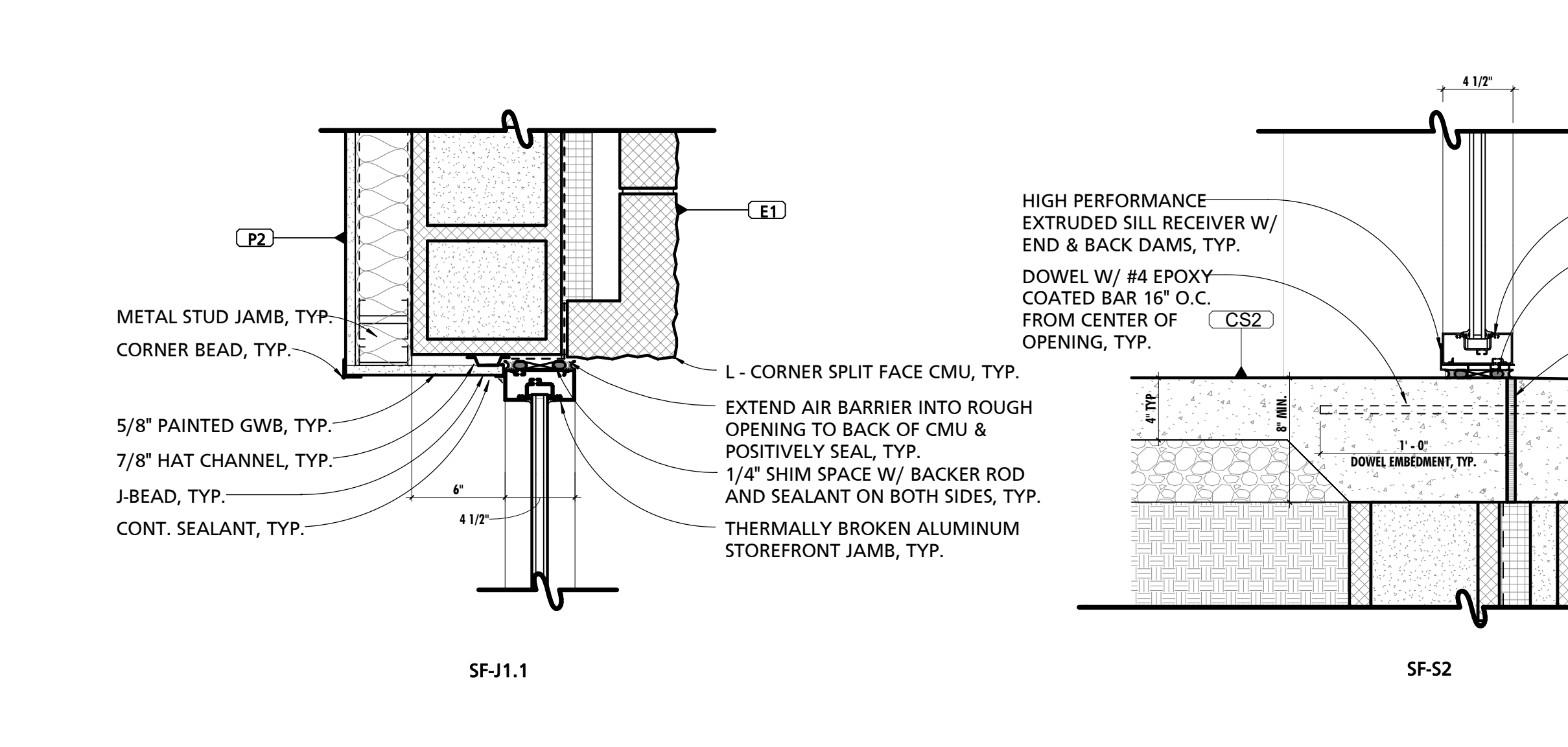
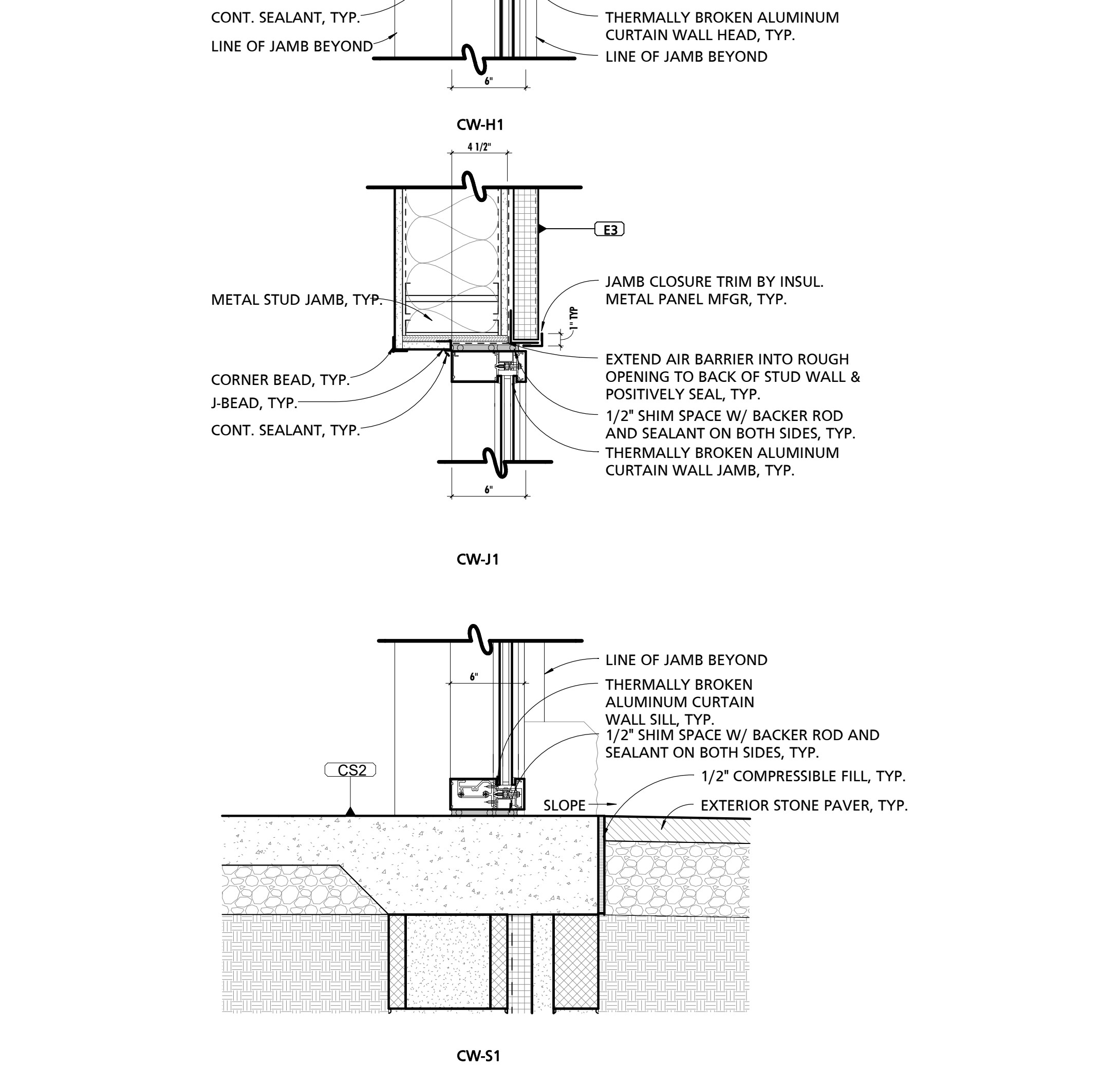
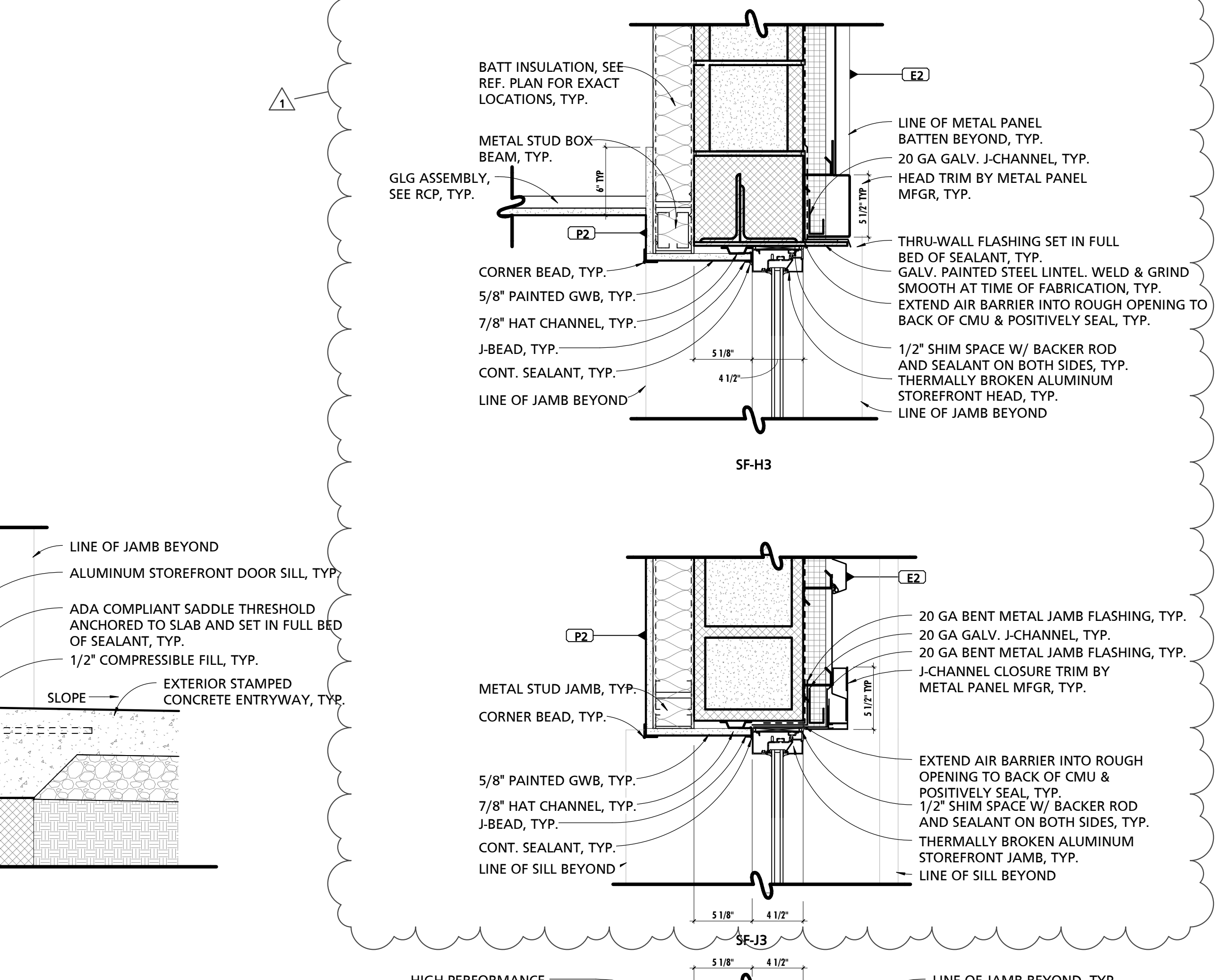
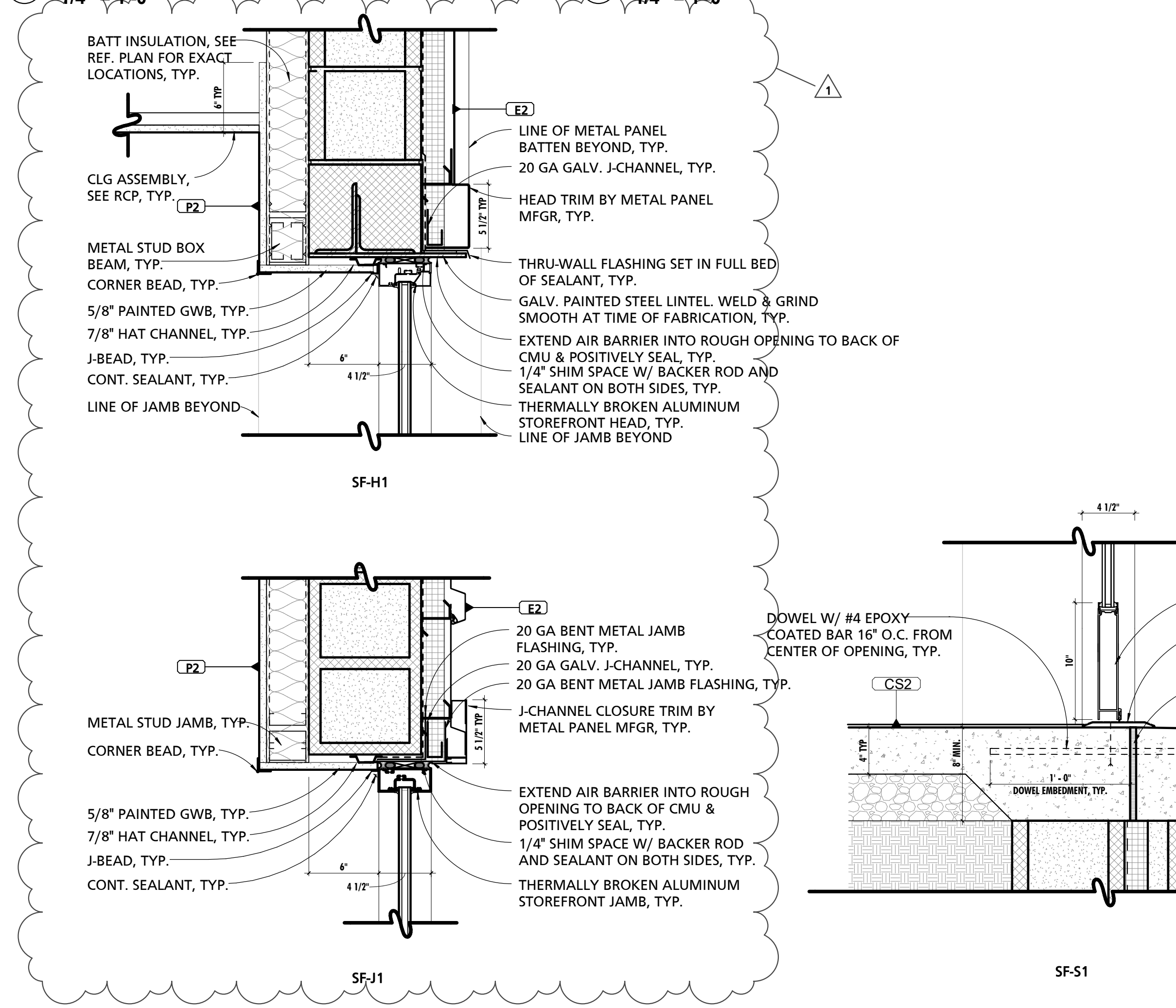
GENERAL OPENING NOTES	
NOTE #	NOTE
1	CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS PRIOR TO FABRICATION OF DOORS, WINDOWS, STOREFRONT, ETC.

GLAZING SCHEDULE	
TAG	DESCRIPTION
GL-1	CLEAR SAFETY GLASS
GL-2	CLEAR INSULATING GLASS
GL-3	CLEAR INSULATING SAFETY GLASS (TEMPERED)
GL-4	LOW-E COATED, CLEAR INSULATING GLASS
GL-5	LOW-E COATED, CLEAR INSULATING SAFETY GLASS
GL-6	MIRROR SAFETY GLAZING
FPG-1	FIRE-PROTECTION-RATED CLEAR TEMPERED SAFETY GLASS (20 MIN. DOORS)
FPG-2	FIRE-PROTECTION-RATED CLEAR TEMPERED SAFETY GLASS (45 MIN. DOORS)



4 CURTAIN WALL HORIZONTAL MULLION 1 1/2" = 1'-0"
5 CURTAIN WALL VERTICAL BUTT JOINT MULLION 1 1/2" = 1'-0"

1 EXTERIOR CURTAIN WALL ELEVATIONS 1/4" = 1'-0"
2 EXTERIOR STOREFRONT ELEVATIONS 1/4" = 1'-0"



3 EXTERIOR STOREFRONT HEAD, JAMB, & SILL DETAILS 1 1/2" = 1'-0"

6 EXTERIOR CURTAIN WALL HEAD, JAMB, & SILL DETAILS 1 1/2" = 1'-0"

SEAL:
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CONSULTANT:

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE
1	Addendum 1	12/21/23

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
EXTERIOR STOREFRONT
ELEVATIONS & DETAILS

SHEET NUMBER:
A603

SECTION 08 7100.01 - DOOR HARDWARE SCHEDULE

HARDWARE SET 01: PAIR EXTERIOR ALUMINUM ENTRANCE DOORS WITH EXIT DEVICES

DOORS: 100A, 131A

- 2 CONTINUOUS HINGES
- 1 CONCEALED VERTICAL ROD EXIT DEVICE, ANSI F03 NIGHTLATCH FUNCTION, WITH HEX KEY DOGGING, NO EXTERIOR TRIM - ACTIVE LEAF (RIGHT LEAF ON PULL SIDE)
- 1 CONCEALED VERTICAL ROD EXIT DEVICE, ANSI FO2 DUMMY FUNCTION, WITH HEX KEY DOGGING, NO EXTERIOR TRIM - INACTIVE LEAF (LEFT LEAF ON PULL SIDE)
- 1 CYLINDER (ACTIVE LEAF)
- 2 DECORATIVE BAR PULLS
- 2 SURFACE CLOSER WITH COMPRESSION STOP
- 1 ADA ACCESSIBLE THERMALLY BROKEN THRESHOLD WITH BUMPER STOP
- 1 SET PERIMETER WEATHERSTRIPPING BY STOREFRONT MANUFACTURER
- 1 SET MEETING STILE WEATHERSTRIPPING BY STOREFRONT MANUFACTURER
- 2 DRIP CAP WITH SWEEP

HARDWARE SET 02: PAIR INTERIOR ALUMINUM ENTRANCE DOORS WITH EXIT DEVICES, AND CARD READER ACCESS AND VIDEO INTERCOM ON PULL SIDE

DOORS: 100B

- 2 CONTINUOUS HINGES
- 1 CONCEALED VERTICAL ROD EXIT DEVICE, LESS BOTTOM ROD, ANSI F03 NIGHTLATCH FUNCTION, WITH HEX KEY DOGGING, NO EXTERIOR TRIM - ACTIVE LEAF (RIGHT LEAF ON PULL SIDE)
- 1 CONCEALED VERTICAL ROD EXIT DEVICE, LESS BOTTOM ROD, ANSI FO2 DUMMY FUNCTION, WITH HEX KEY DOGGING, NO EXTERIOR TRIM - INACTIVE LEAF (LEFT LEAF ON PULL SIDE)
- 1 CYLINDER (ACTIVE LEAF)
- 2 DECORATIVE BAR PULLS
- 2 SURFACE CLOSER
- 1 ELECTRIC STRIKE IN FRAME HEAD, FAIL SECURE, WITH REMOTE TRANSFORMER
- 1 CARD READER DEVICE AND ACCESSORIES BY OWNER'S VENDOR
- 1 SECURITY DOOR CONTACT BY OWNER'S VENDOR
- 1 VIDEO INTERCOM SYSTEM BY OWNER'S VENDOR
- 1 SET PERIMETER WEATHERSTRIPPING BY STOREFRONT MANUFACTURER
- 1 SET MEETING STILE WEATHERSTRIPPING BY STOREFRONT MANUFACTURER

FUNCTIONAL NARRATIVE: ACTIVE LEAF PULL SIDE RELEASED BY KEY, OR BY ELECTRIC STRIKE ACTUATED BY CARD READER; OR BY ELECTRIC STRIKE ACTUATED BY VIDEO INTERCOM SYSTEM REMOTE RELEASE. PULL SIDE OF BOTH LEAVES ALWAYS LOCKED, EXCEPT WHEN LATCHBOLTS ARE DOGGED. PUSH SIDE OF BOTH LEAVES ALWAYS ALLOWS FREE EGRESS. SECURITY DOOR CONTACT MONITORS AND REPORTS TO SECURITY SYSTEM IF DOOR IS AJAR.

HARDWARE SET 03: PAIR INTERIOR WOOD ENTRANCE DOORS WITH EXIT DEVICES AND CARD READER ACCESS ON PULL SIDE

DOORS: 101A

- 2 CONTINUOUS HINGES
- 1 CONCEALED VERTICAL ROD EXIT DEVICE, LESS BOTTOM ROD, ANSI F03 NIGHTLATCH FUNCTION, WITH HEX KEY DOGGING, NO EXTERIOR TRIM (ACTIVE LEAF - RIGHT SIDE ON ENTERING)
- 1 CONCEALED VERTICAL ROD EXIT DEVICE, LESS BOTTOM ROD, ANSI FO2 DUMMY FUNCTION, WITH HEX KEY DOGGING, NO EXTERIOR TRIM (INACTIVE LEAF - LEFT SIDE ON ENTERING)
- 1 CYLINDER (ACTIVE LEAF)
- 2 DECORATIVE BAR PULLS
- 2 SURFACE CLOSER
- 4 KICK PLATE
- 1 ELECTRIC STRIKE IN FRAME HEAD, FAIL SECURE, WITH REMOTE TRANSFORMER
- 1 CARD READER DEVICE AND ACCESSORIES BY OWNER'S VENDOR
- 1 SECURITY DOOR CONTACT BY OWNER'S VENDOR
- 2 SILENCERS

FUNCTIONAL NARRATIVE: ACTIVE LEAF PULL SIDE RELEASED BY KEY, OR BY ELECTRIC STRIKE ACTUATED BY CARD READER; PULL SIDE OF BOTH LEAVES ALWAYS LOCKED, EXCEPT WHEN LATCHBOLTS ARE DOGGED. PUSH SIDE OF BOTH LEAVES ALWAYS ALLOWS FREE EGRESS. SECURITY DOOR CONTACT MONITORS AND REPORTS TO SECURITY SYSTEM IF DOOR IS AJAR.

HARDWARE SET 04: INTERIOR WOOD ENTRANCE DOOR WITH EXIT DEVICE AND CARD READER ACCESS ON PULL SIDE

DOORS: 101B

- 3 BUTT HINGES
- 1 RIM LATCH EXIT DEVICE, ANSI F03 NIGHTLATCH FUNCTION, WITH HEX KEY DOGGING, NO EXTERIOR TRIM
- 1 CYLINDER
- 1 DECORATIVE BAR PULL
- 1 SURFACE CLOSER WITH STOP
- 2 KICK PLATE
- 1 ELECTRIC STRIKE, FAIL SECURE, WITH REMOTE TRANSFORMER
- 1 CARD READER DEVICE AND ACCESSORIES BY OWNER'S VENDOR
- 1 SECURITY DOOR CONTACT BY OWNER'S VENDOR
- 3 SILENCERS

FUNCTIONAL NARRATIVE: PULL SIDE RELEASED BY KEY, OR BY ELECTRIC STRIKE ACTUATED BY CARD READER; PULL SIDE ALWAYS LOCKED, EXCEPT WHEN LATCHBOLT IS DOGGED. PUSH SIDE ALWAYS ALLOWS FREE EGRESS. SECURITY DOOR CONTACT MONITORS AND REPORTS TO SECURITY SYSTEM IF DOOR IS AJAR.

HARDWARE SET 05: NON-LATCHING WOOD PUBLIC RESTROOM DOOR

DOORS: 102A, 103A

- 3 BUTT HINGES
- 1 PUSH PLATE
- 1 FIXED PULL
- 1 SURFACE CLOSER WITH STOP
- 2 KICK PLATE
- 3 SILENCERS

HARDWARE SET 06: PAIR WOOD JANITOR CLOSET DOORS WITH OVERHEAD HOLDER / STOPS

DOORS: 102B, 103B

- 6 BUTT HINGES
- 1 BORED LOCKSET, ANSI F86 STOREROOM FUNCTION (ACTIVE LEAF - RIGHT-HAND ON PULL SIDE)
- 1 CYLINDER
- 1 THUMBTURN
- 1 CONSTANT LATCHING FLUSH BOLT, TOP BOLT ONLY - INACTIVE LEAF
- 2 OVERHEAD HOLDER / STOP - MOUNT ON PUSH SIDE
- 4 KICK PLATES

HARDWARE SET 07: PAIR WOOD STOREROOM DOORS WITH OVERHEAD HOLDER / STOPS

DOORS: 104.1A

- 6 BUTT HINGES
- 1 BORED LOCKSET, ANSI F86 STOREROOM FUNCTION (ACTIVE LEAF - RIGHT-HAND ON PULL SIDE)
- 1 CYLINDER
- 1 CONSTANT LATCHING FLUSH BOLT, TOP BOLT ONLY
- 2 OVERHEAD HOLDER / STOP - MOUNT ON PUSH SIDE
- 2 KICK PLATES

HARDWARE SET 08: TYPICAL WOOD OFFICE DOOR WITH WALL BUMPER

DOORS: 104.2A, 105A, 106A, 107A, 108A, 109.1A, 110A, 114A

- 3 BUTT HINGES
- 1 CYLINDRICAL LOCKSET, ANSI F109 ENTRY / OFFICE FUNCTION
- 1 CYLINDER
- 1 WALL BUMPER
- 3 SILENCERS

HARDWARE SET 09: WOOD DOOR WITH DECORATIVE BAR PULL AND EXIT DEVICE

DOORS: 104A, 104B

- 1 CONTINUOUS HINGE

- 1 RIM EXIT DEVICE, ANSI F02 NIGHTLATCH FUNCTION, NO EXTERIOR TRIM, HEX KEY DOGGING
- 1 CYLINDER
- 1 DECORATIVE BAR PULL
- 1 SURFACE CLOSER WITH STOP - MOUNT ON PUSH SIDE
- 2 KICK PLATE
- 3 SILENCERS

HARDWARE SET 10: EXTERIOR HOLLOW METAL EXIT DOOR WITH EXIT DEVICE AND PULL-SIDE CARD READER ACCESS

DOORS: 104C, 130D, 140A, 140B, 140C 140D

- 1 CONTINUOUS HINGE
- 1 RIM EXIT DEVICE, ANSI F03 NIGHTLATCH FUNCTION, NO HEX KEY DOGGING, WITH EXTERIOR FIXED PULL
- 1 CYLINDER
- 1 SURFACE CLOSER WITH COMPRESSION STOP - MOUNT ON PUSH SIDE
- 1 ADA ACCESSIBLE THERMALLY BROKEN THRESHOLD WITH BUMPER STOP
- 1 KICK PLATE
- 1 ELECTRIC STRIKE, FAIL SECURE, WITH REMOTE TRANSFORMER
- 1 CARD READER DEVICE AND ACCESSORIES BY OWNER'S VENDOR
- 1 SECURITY DOOR CONTACT BY OWNER'S VENDOR
- 1 SET PERIMETER WEATHERSTRIPPING
- 1 DRIP CAP WITH SWEEP

FUNCTIONAL NARRATIVE: PULL SIDE RELEASED BY KEY, OR BY ELECTRIC STRIKE ACTUATED BY CARD READER; PULL SIDE ALWAYS LOCKED. PUSH SIDE ALWAYS ALLOWS FREE EGRESS. SECURITY DOOR CONTACT MONITORS AND REPORTS TO SECURITY SYSTEM IF DOOR IS AJAR.

HARDWARE SET 11: HOLLOW METAL NON-LATCHING OFFICE DOOR WITH CLOSER, DEADLOCK AND PULL PLATE

DOORS: 109A

- 3 BUTT HINGES
- 1 AUXILIARY BORED LOCK, ANSI EO151 FUNCTION (OUTSIDE CYLINDER AND INSIDE THUMBTURN BOTH OPERATE LATCHBOLT)
- 1 CYLINDER
- 1 CLOSER
- 1 PUSH PLATE
- 1 FIXED PULL
- 1 SURFACE CLOSER
- 1 WALL BUMPER
- 2 KICK PLATES
- 3 SILENCERS

HARDWARE SET 12: NON-LOCKING MEETING ROOM WOOD DOOR

DOORS: 111A

- 3 BUTT HINGES
- 1 CYLINDRICAL LATCHSET, PASSAGE FUNCTION
- 1 WALL BUMPER
- 3 SILENCERS

HARDWARE SET 13: 20-MINUTE FIRE-RATED WOOD MECHANICAL / IT ROOM DOOR

DOORS: 115.1A, 122A, 129A

- 3 BUTT HINGES
- 1 CYLINDRICAL LOCKSET, ANSI F86 STOREROOM FUNCTION
- 1 CYLINDER
- 1 SURFACE CLOSER WITH OVERHEAD STOP
- 2 KICK PLATES
- 1 SET SMOKE-RATED PERIMETER GASKETS

HARDWARE SET 13A: NON-RATED WOOD ELECTRICAL ROOM DOOR

DOORS: 118A

SIMILAR TO SET 13

- 3 SILENCERS IN LIEU OF PERIMETER GASKETS

HARDWARE SET 14: 20-MINUTE FIRE-RATED WOOD RESTROOM DOOR WITH OCCUPANCY INDICATOR

DOORS: 115A, 116A, 120A, 121A

- 3 BUTT HINGES
- 1 MORTISE LOCKSET, ANSI F22 PRIVACY FUNCTION, WITH OPTIONAL EXTERNAL OCCUPANCY INDICATOR INTEGRATED INTO ESCUTCHEON OR ROSE
- 1 THUMBTURN
- 1 SURFACE CLOSER
- 1 WALL BUMPER
- 1 SET SMOKE-RATED PERIMETER GASKETS

FUNCTIONAL NARRATIVE: OUTSIDE LEVER RETRACTS LATCHBOLT, EXCEPT WHEN LOCKED BY INSIDE THUMBTURN. INSIDE LEVER SIMULTANEOUSLY UNLOCKS HARDWARE AND RETRACTS LATCHBOLT WITH ONE ACTION. OUTSIDE INDICATOR TOGGLES "OCCUPIED" WHEN LOCKED, AND "VACANT" WHEN UNLOCKED. EMERGENCY RELEASE TOOL IN OUTSIDE TRIM UNLCKS LATCHBOLT.

HARDWARE SET 14A: WOOD RESTROOM DOOR WITH OCCUPANCY INDICATOR (NON-FIRE-RATED)

DOORS: 136A, 137A

SIMILAR TO SET 14

OMIT CLOSER

- OMIT PERIMTER GASKETS
- 3 SILENCERS

HARDWARE SET 14B: HOLLOW METAL RESTROOM DOOR WITH OCCUPANCY INDICATOR (NON-FIRE-RATED)

- DOORS: 144A
- SIMILAR TO SET 14
- OMIT WALL BUMPER

HARDWARE SET 15: 45-MINUTE FIRE-RATED WOOD LAUNDRY ROOM DOOR

- DOORS: 117A
- 3 BUTT HINGES
- 1 CYLINDRICAL LATCHSET, PASSAGE FUNCTION
- 1 SURFACE CLOSER
- 1 WALL BUMPER
- 1 SET SMOKE-RATED PERIMTER GASKETS

HARDWARE SET 16: 20-MINUTE FIRE-RATED PAIR NON-LOCKING WOOD DOORS

- DOORS: 119A
- 6 BUTT HINGES
- 1 PASSAGE LEVERSET - ACTIVE LEAF (RIGHT-HAND ON PULL SIDE)
- 1 CONSTANT LATCHING FLUSH BOLT, TOP BOLT ONLY - INACTIVE LEAF
- 2 SURFACE CLOSERS - MOUNT ON PUSH SIDE
- 2 KICK PLATES - PUSH SIDE
- 1 COORDINATOR
- 1 SET SMOKE-RATED PERIMETER GASKETS
- 1 SET TWO PART MORTISED ASTRAGAL SMOKE SEAL - INSTALL IN MORTISES IN MEETING STILES OF BOTH LEAVES.

HARDWARE SET 17: 20-MINUTE FIRE-RATED BUNKROOM DOOR WITH STAND-ALONE BATTERY-POWERED CYPHER LOCK

- DOORS: 123A, 124A, 125A, 126A, 127A, 128A
- 3 BUTT HINGES
- 1 CYLINDRICAL BATTERY-OPERATED CYPHER LOCK - PROGRAMMABLE FUNCTIONS ALLOWING LOCKING AND UNLOCKING BY KEYPAD OR KEY, AND TIMED UNLOCK / RELOCK BY KEYPAD OR KEY.
- 1 CYLINDER
- 1 SET BATTERIES - TYPE AND NUMBER REQUIRED FOR LOCKSET
- 1 SURFACE CLOSER
- 1 WALL BUMPER
- 1 SET SMOKE-RATED PERIMETER GASKETS
- 1 AUTOMATIC DOOR BOTTOM

FUNCTIONAL NARRATIVE: OUTSIDE LEVER EITHER ALWAYS LOCKED, OR LOCKABLE AND UNLOCKABLE BY OUTSIDE CYLINDER OR KEYPAD (FIELD-PROGRAMMABLE OPTION); LATCHBOLT RETRACTED BY OUTSIDE CYLINDER OR BY APPROVED CODE IN OUTSIDE KEYPAD. OPTIONAL TIMED AUTOMATIC RE-LOCKING (FIELD PROGRAMMABLE). INSIDE LEVER ALWAYS RETRACTS LATCHBOLT.

HARDWARE SET 18: 20-MINUTE FIRE-RATED WOOD NON-LOCKING DOOR

DOORS: 129.1A

- 3 BUTT HINGES
- 1 CYLINDRICAL LATCHSET, PASSAGE FUNCTION
- 1 SURFACE CLOSER
- 2 KICK PLATES
- 1 WALL BUMPER
- 1 SET SMOKE-RATED PERIMETER GASKETS

HARDWARE SET 18A: 20-MINUTE FIRE-RATED WOOD NON-LOCKING DOOR WITH OVERHEAD STOP

DOORS: 134A

SIMILAR TO SET 18

- 1 SURFACE CLOSER WITH STOP IN LIEU OF CLOSER
- OMIT WALL BUMPER

HARDWARE SET 19: 20-MINUTE FIRE-RATED WOOD CORRIDOR DOOR WITH NON-LOCKING EXIT DEVICE

DOORS: 130A, 130B

- 1 CONTINUOUS HINGE
- 1 RIM EXIT DEVICE - PASSAGE FUNCTION - BOTH SIDES ALWAYS OPERABLE / NOT LOCKABLE
- 1 OUTSIDE LEVER TRIM BY EXIT DEVICE MANUFACTURER
- 1 CLOSER - MOUNT ON PUSH SIDE
- 1 KICK PLATE
- 1 WALL BUMPER
- 1 SET SMOKE-RATED PERIMETER GASKETS

HARDWARE SET 19A: 0-HOUR SMOKE-RATED HOLLOW METAL CORRIDOR DOOR WITH EXIT DEVICE

DOORS: 130C, 147A

SIMILAR TO SET 19.

- ADD 1 AUTOMATIC DOOR BOTTOM

HARDWARE SET 20: PAIR 0-HOUR SMOKE-RATED HOLLOW METAL CORRIDOR DOORS WITH EXIT DEVICES

DOORS: 131B

- 2 CONTINUOUS HINGE
- 2 CONCEALED VERTICAL ROD EXIT DEVICE - PASSAGE FUNCTION - BOTH SIDES ALWAYS OPERABLE / NOT LOCKABLE.
- 2 OUTSIDE LEVER TRIM BY EXIT DEVICE MANUFACTURER
- 2 SURFACE CLOSER
- 2 KICK PLATES
- 1 SET SMOKE-RATED PERIMETER GASKETING
- 1 SET SURFACE FIRE AND SMOKE SEAL ASTRAGAL - APPLY TO MEETING STILES OF BOTH LEAVES
- 2 AUTOMATIC DOOR BOTTOM

HARDWARE SET 21: PAIR EXTERIOR HOLLOW METAL DOORS WITH EXIT DEVICES

DOORS: 133A

- 2 CONTINUOUS HINGES
- 1 CONCEALED VERTICAL ROD EXIT DEVICE, ANSI F03 NIGHTLATCH FUNCTION, WITH HEX KEY DOGGING, ACTIVE LEAF (RIGHT LEAF ON PULL SIDE)
- 1 CONCEALED VERTICAL ROD EXIT DEVICE, ANSI F02 DUMMY FUNCTION, WITH HEX KEY DOGGING, INACTIVE LEAF (LEFT LEAF ON PULL SIDE)
- 1 CYLINDER (ACTIVE LEAF)
- 2 EXTERIOR FIXED PULLS BY EXIT DEVICE MANUFACTURER
- 2 SURFACE CLOSER WITH COMPRESSION STOP
- 1 ADA ACCESSIBLE THERMALLY BROKEN THRESHOLD WITH BUMPER STOP
- 1 SET PERIMETER WEATHERSTRIPPING
- 1 SET MEETING STILE WEATHERSTRIPPING
- 2 DRIP CAP WITH SWEEP

HARDWARE SET 22: FREE-SWINGING HOLLOW METAL PASS-THROUGH DOOR WITH CLOSER

DOORS: 135A, 135B

- 1 CONTINUOUS HINGE
- 1 PUSH PLATE
- 1 FIXED PULL
- 1 CLOSER WITH OVERHEAD HOLDER / STOP
- 2 KICK PLATE
- 3 SILENCERS
- 1 WALL BUMPER

HARDWARE SET 23: PAIR INTERIOR HOLLOW METAL APPARATUS BAY DOORS WITH EXIT DEVICES AND PULL-SIDE CARD READER ACCESS

DOORS: 138A

- 2 CONTINUOUS HINGES

- 1 CONCEALED VERTICAL ROD EXIT DEVICE, LESS BOTTOM ROD, ANSI F03 NIGHTLATCH FUNCTION, NO HEX KEY DOGGING, ACTIVE LEAF (RIGHT LEAF ON PULL SIDE)
- 1 CONCEALED VERTICAL ROD EXIT DEVICE, LESS BOTTOM ROD, ANSI F02 DUMMY FUNCTION, NO HEX KEY DOGGING, INACTIVE LEAF (LEFT LEAF ON PULL SIDE)
- 1 CYLINDER (ACTIVE LEAF)
- 2 EXTERIOR FIXED PULLS BY EXIT DEVICE MANUFACTURER
- 2 SURFACE CLOSER
- 4 KICK PLATE
- 1 ELECTRIC STRIKE IN FRAME HEAD, FAIL SECURE, WITH REMOTE TRANSFORMER
- 1 CARD READER DEVICE AND ACCESSORIES BY OWNER'S VENDOR
- 1 SECURITY DOOR CONTACT BY OWNER'S VENDOR
- 1 SET PERIMETER WEATHERSTRIPPING
- 1 SET MEETING STILE WEATHERSTRIPPING
- 1 ADA ACCESSIBLE THERMALLY-BROKEN THRESHOLD WITH BUMPER STOP

FUNCTIONAL NARRATIVE: ACTIVE LEAF PULL SIDE RELEASED BY KEY, OR BY ELECTRIC STRIKE ACTUATED BY CARD READER; PULL SIDE OF BOTH LEAVES ALWAYS LOCKED. PUSH SIDE OF BOTH LEAVES ALWAYS ALLOWS FREE EGRESS. SECURITY DOOR CONTACT MONITORS AND REPORTS TO SECURITY SYSTEM IF DOOR IS AJAR.

HARDWARE SET 24: INTERIOR HOLLOW METAL APPARATUS BAY DOOR WITH EXIT DEVICE AND PULL SIDE CARD ACCESS

DOORS: 138B, 147B

- 1 CONTINUOUS HINGE
- 1 RIM EXIT DEVICE, ANSI F03 NIGHTLATCH FUNCTION, NO HEX KEY DOGGING.
- 1 EXTERIOR FIXED PULL BY EXIT DEVICE MANUFACTURER
- 1 CYLINDER
- 1 SURFACE CLOSER
- 1 ADA ACCESSIBLE THERMALLY BROKEN THRESHOLD WITH BUMPER STOP
- 2 KICK PLATE
- 1 ELECTRIC STRIKE, FAIL SECURE, WITH REMOTE TRANSFORMER
- 1 CARD READER DEVICE AND ACCESSORIES BY OWNER'S VENDOR
- 1 SECURITY DOOR CONTACT BY OWNER'S VENDOR
- 1 SET PERIMETER WEATHERSTRIPPING

FUNCTIONAL NARRATIVE: PULL SIDE RELEASED BY KEY, OR BY ELECTRIC STRIKE ACTUATED BY CARD READER; PULL SIDE ALWAYS LOCKED. PUSH SIDE ALWAYS ALLOWS FREE EGRESS. SECURITY DOOR CONTACT MONITORS AND REPORTS TO SECURITY SYSTEM IF DOOR IS AJAR.

HARDWARE SET 25: PAIR EXTERIOR HOLLOW METAL DOORS WITH EXIT DEVICES AND CARD READER ACCESS ON PULL SIDE

DOORS: 139A

- 1 CONTINUOUS HINGE (INACTIVE LEAF)
- 1 ELECTRIFIED CONTINUOUS HINGE (ACTIVE LEAF)
- 1 CONCEALED VERTICAL ROD EXIT DEVICE, ANSI F03 NIGHTLATCH FUNCTION,

- WITH OPTIONAL ELECTRIC REMOTE LATCHBOLT RETRACTION - ACTIVE LEAF (RIGHT LEAF ON PULL SIDE)
- 1 CONCEALED VERTICAL ROD EXIT DEVICE, ANSI FO2 DUMMY FUNCTION, NO HEX KEY DOGGING - INACTIVE LEAF (LEFT LEAF ON PULL SIDE)
- 1 CYLINDER (ACTIVE LEAF)
- 1 EXTERIOR FIXED PULL BY EXIT DEVICE MANUFACTURER - ACTIVE LEAF
- 2 SURFACE CLOSER
- 2 KICK PLATE
- 1 CARD READER DEVICE AND ACCESSORIES BY OWNER'S VENDOR
- 1 SECURITY DOOR CONTACT BY OWNER'S VENDOR
- 1 SET PERIMETER WEATHERSTRIPPING
- 1 "T" ASTRAGAL - OUTSIDE EDGE OF ACTIVE LEAF
- 1 ADA-ACCESSIBLE THERMALLY BROKEN THRESHOLD WITH BUMPER STOP
- 2 DRIP CAP WITH SWEEP

FUNCTIONAL NARRATIVE: ACTIVE LEAF PULL SIDE RELEASED BY KEY, OR BY CARD READER ACTUATING ELECTRIC REMOTE LATCHBOLT RETRACTION ON EXIT DEVICE. PULL SIDE OF BOTH LEAVES ALWAYS LOCKED. PUSH SIDE OF BOTH LEAVES ALWAYS ALLOWS FREE EGRESS. SECURITY DOOR CONTACT MONITORS AND REPORTS TO SECURITY SYSTEM IF DOOR IS AJAR.

HARDWARE SET 26: HOLLOW METAL DOOR WITH PUSH SIDE CARD ACCESS

DOORS: 139B

- 3 BUTT HINGES
- 1 CYLINDRICAL LOCKSET, ANSI F86 STOREROOM FUNCTION.
- 1 CYLINDER
- 1 SURFACE CLOSER
- 1 KICK PLATE
- 1 SET PERIMETER WEATHERSTRIPPING
- 1 ELECTRIC STRIKE, FAIL SECURE, WITH REMOTE TRANSFORMER
- 1 CARD READER DEVICE AND ACCESSORIES BY OWNER'S VENDOR
- 1 SECURITY DOOR CONTACT BY OWNER'S VENDOR
- 1 ADA-ACCESSIBLE THERMALLY BROKEN THRESHOLD WITH BUMPER STOP

FUNCTIONAL NARRATIVE: PUSH SIDE RELEASED BY KEY, OR BY ELECTRIC STRIKE ACTUATED BY CARD READER; PUSH SIDE ALWAYS LOCKED. PULL SIDE ALWAYS ALLOWS FREE EGRESS. SECURITY DOOR CONTACT MONITORS AND REPORTS TO SECURITY SYSTEM IF DOOR IS AJAR.

HARDWARE SET 27: HOLLOW METAL STOREROOM DOOR WITH FIXED PULL

DOORS: 141.1A, 141B, 145A

- 3 BUTT HINGES, NRP
- 1 AUXILIARY BORED LOCK, ANSI EO151 FUNCTION (OUTSIDE CYLINDER AND INSIDE THUMBTURN BOTH OPERATE LATCHBOLT)
- 1 CYLINDER
- 1 THUMBTURN
- 1 FIXED PULL

- 1 PUSH PLATE
- 1 OVERHEAD HOLDER / STOP - MOUNT ON PUSH SIDE
- 2 KICK PLATES
- 3 SILENCERS

HARDWARE SET 28: PAIR EXTERIOR HOLLOW METAL ELECTRICAL ROOM / UTILITY DOORS WITH FIXED PULL

DOORS: 141A, 146A

- 6 BUTT HINGES, NRP
- 1 MORTISE DEADLOCK, ANSI F86 STOREROOM FUNCTION - ACTIVE LEAF (RIGHT LEAF ON PULL SIDE)
- 1 CYLINDER
- 1 THUMBTURN
- 1 FIXED PULL - ACTIVE LEAF
- 1 PUSH PLATE - ACTIVE LEAF
- 2 FLUSH BOLTS - INACTIVE LEAF
- 2 OVERHEAD HOLDER / STOP - MOUNT ON PUSH SIDE
- 1 COORDINATOR
- 1 "T" ASTRAGAL - OUTSIDE EDGE OF ACTIVE LEAF
- 2 KICK PLATES
- 1 SET PERIMETER WEATHERSTRIPPING
- 1 ADA COMPLIANT THERMALLY BROKEN THRESHOLD WITH BUMPER STOP
- 2 DRIP CAP WITH SWEEP

HARDWARE SET 29: PAIR INTERIOR HOLLOW METAL SHOP DOORS WITH FIXED PULL

DOORS: 142A

- 6 BUTT HINGES, NRP
- 1 AUXILIARY BORED LOCK, ANSI E0151 FUNCTION (OUTSIDE CYLINDER AND INSIDE THUMBTURN BOTH OPERATE LATCHBOLT)
- 1 CYLINDER
- 1 THUMBTURN
- 1 FIXED PULL - ACTIVE LEAF
- 1 PUSH PLATE - ACTIVE LEAF
- 1 CONSTANT LATCHING FLUSH BOLT, TOP BOLT ONLY - INACTIVE LEAF
- 2 OVERHEAD HOLDER / STOP - MOUNT ON PUSH SIDE
- 4 KICK PLATES

HARDWARE SET 30: HOLLOW METAL OFFICE DOOR WITH FIXED PULL AND WEATHERSTRIPPING

DOORS: 143A

- 3 BUTT HINGES, NRP
- 1 AUXILIARY BORED LOCK, ANSI E0151 FUNCTION (OUTSIDE CYLINDER AND INSIDE THUMBTURN BOTH OPERATE LATCHBOLT)
- 1 CYLINDER

- 1 THUMBTURN
- 1 FIXED PULL
- 1 PUSH PLATE
- 1 OVERHEAD HOLDER / STOP - MOUNT ON PUSH SIDE
- 2 KICK PLATES
- 1 SET PERIMETER WEATHERSTRIPPING
- 1 ADA ACCESSIBLE THERMALLY BROKEN THRESHOLD WITH BUMPER STOP

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