



Architectural
Services

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ADDENDUM ONE

Project: **Re-Bid West Ridge High School Team Room Building**

Address: **380 Lynn Rd, Blountville, TN**

July 21, 2023

This Addendum is part of the Contract Documents for the above referenced project and modifies the original drawings and/or specifications, dated **6/28/23**, as noted below. The bidder shall acknowledge receipt of this Addendum in the place provided in the Bid Form. The published bid date and time shall remain the same.

GENERAL:

1. Please see attached Pre-Bid Attendance Record.
2. TFM number is assigned: 19310, TNSFM Project #2022-05-03-01. TNSFMO will issue a "No review" Letter so there will be no additional requirements.

DRAWINGS:

1. **Sheet A-21**– See revised elevations to include fixed, non-operable, window units. Basis of Design is to remain YKK 45TU.
2. **Sheet A-22**– See revised elevations to include fixed, non-operable, window units. Basis of Design is to remain YKK 45TU.
3. **Sheet A-60**– See revised Clerestory window unit to be fixed, non-operable, window units. See corrected Head, Jamb and Sill details indicated.

SPECIFICATIONS:

1. **Section 083613 – OVERHEAD SECTIONAL DOORS** – Delete this section and add **Section 083323 Coiling Doors**. See attached.
2. **Section 116840 – MISCELLANEOUS ATHLETIC EQUIPMENT** – Part 2 – 2.02.A Equipment. Please include Porter Athletic Equipment as an Acceptable alternate for the specified Basis of Design. All Porter Athletic Equipment is to match the size, configuration and construction of the specified Basis of Design.

Attachments:

1. Pre-bid attendance record for Re-Bid West Ridge High School Team Room Building Pre-bid.
2. Section 083323 Coiling Doors.

END OF ADDENDUM 1

KRISTINIA DAVIS
PURCHASING AGENT

OFFICE OF THE SULLIVAN COUNTY PURCHASING AGENT
3411 HIGHWAY 126-SUITE 201
BLOUNTVILLE, TN 37617-0569

PHONE 423-323-6100
FAX 423-323-7249
kris.davis@sullivancountytn.gov

PRE-BID ATTENDANCE RECORD

DATE: 07.11.2023 TIME: 2:30 PM

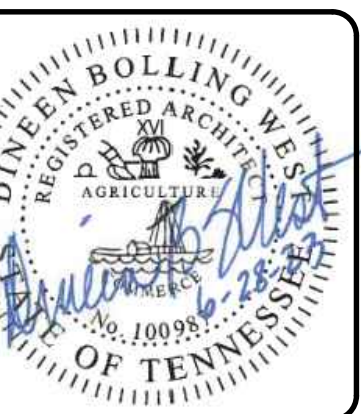
PROJECT DESCRIPTION: Re-Bid West Ridge High School Multi-purpose Center

LOCATION OF PROJECT: West Ridge High School

*NOTE: MANDATORY PRE-BID MEETING REQUIRES REPRESENTATION OF COMPANY AGENT, VERIFIED BY REGISTRATION, TO AFFORD AN OPPORTUNITY FOR COMPANY TO OFFER A PRICED PROPOSAL.

Purchasing Syst. Michelle Ramsey

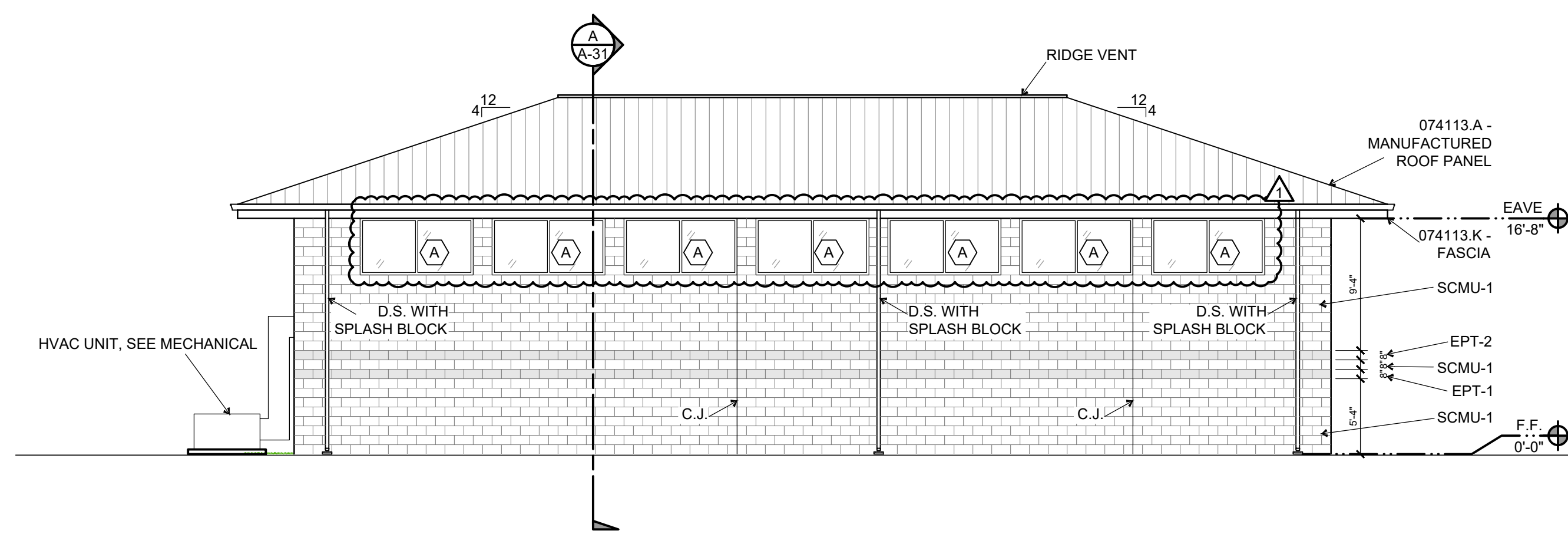
YOUR NAME	COMPANY / AGENCY	PHONE NUMBER	EMAIL ADDRESS
RICHARD LUTZ	CRW		richard@crw.com
Lillian Chafin	CRW		
MILT CIETZKE	CRW	423-383-5430	MILT@CRW.COM
Dineen West	CRW ARCH	423.349.7760	dineen@agine.com
CHARLES HUBBARD	SCDE	423-354-1151	CHARLES.HUBBARD@SULLIVANCOUNTYTN.GOV



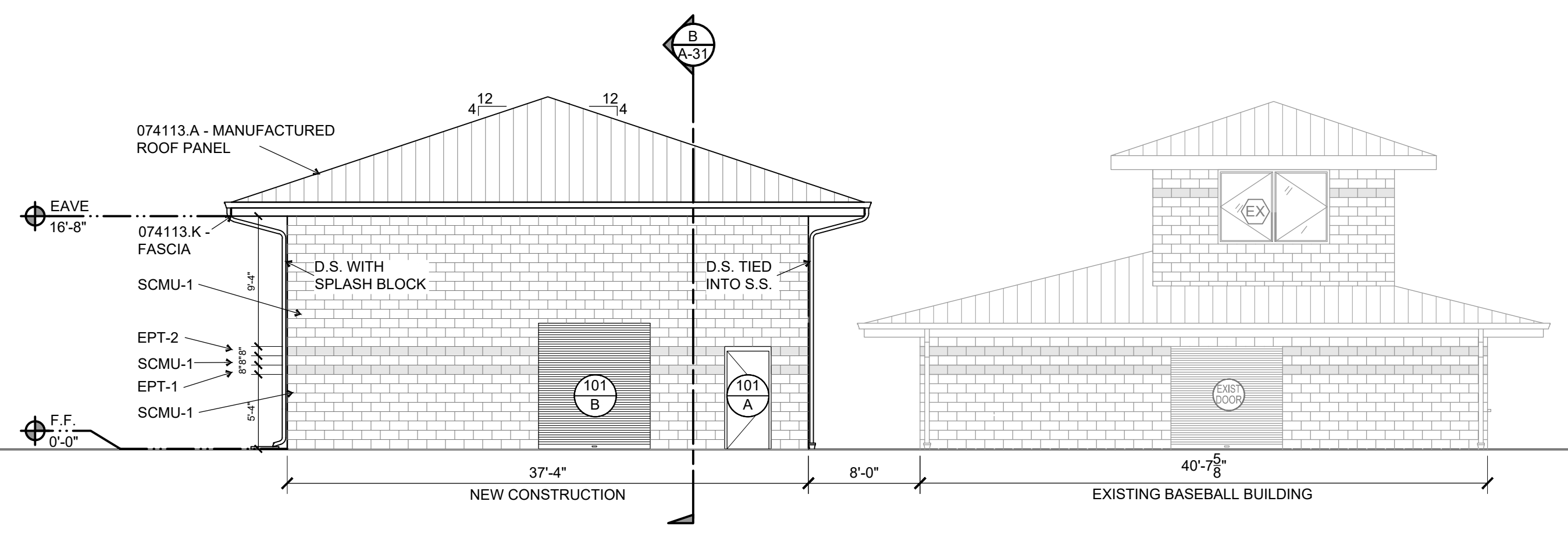
issued 06-28-2023
 checked DW
 drawn RL
 project no. 202195

BUILDING
 ELEVATIONS -
 BASE BID

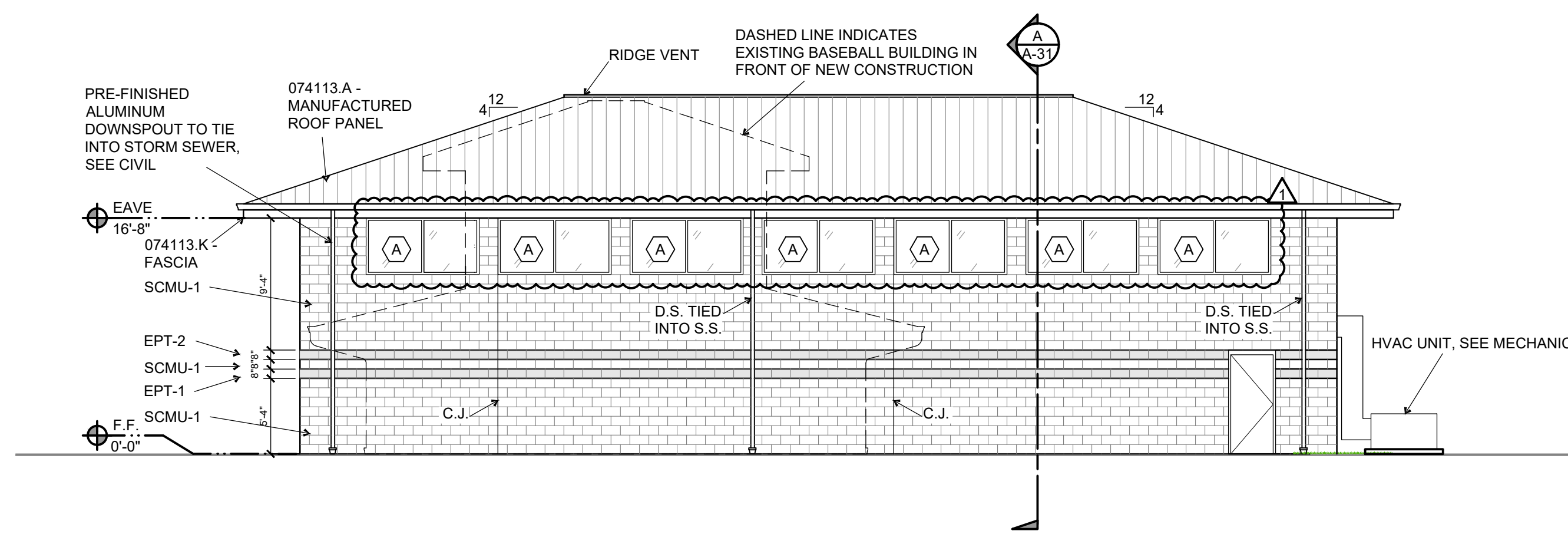
A-21



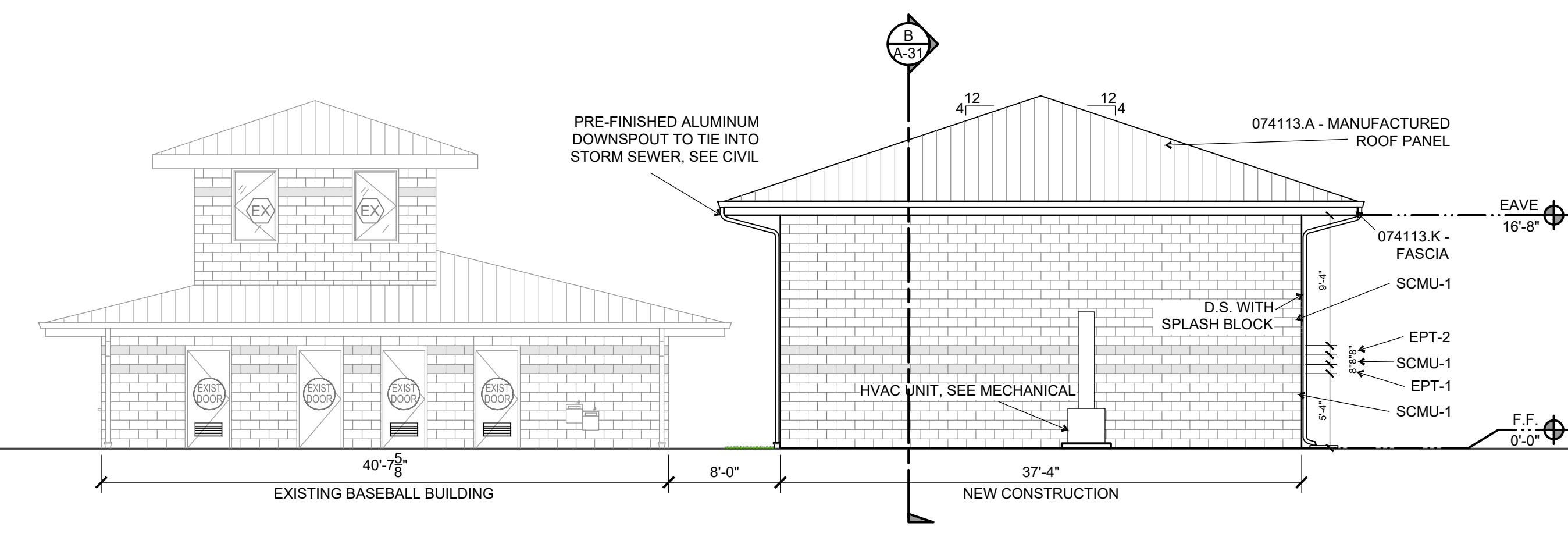
ELEVATION A
 SCALE: 1/8" = 1'-0"
 A-21



ELEVATION B
 SCALE: 1/8" = 1'-0"
 A-21



ELEVATION C
 SCALE: 1/8" = 1'-0"
 A-21



ELEVATION D
 SCALE: 1/8" = 1'-0"
 A-21

EXTERIOR FINISH SCHEDULE				
DESCRIPTION	SECTION	BASIS OF DESIGN	COLOR/TEXTURE	REMARKS
MORTAR COLOR #1	042000	HOLCIM	TBD	ALL ONE STANDARD COLOR
SPLIT FACE CMU #1 (SCMU-1)	042000		TBD	STANDARD SPLIT FACE BLOCK SHALL BE PAINTED TO MATCH EXISTING BASEBALL BUILDING, INCLUDING ACCENT STRIPES
EXTERIOR PAINTED STEEL RAILINGS	055213	SHERWIN-WILLIAMS	TBD	#SW 2853
SHEET METAL FLASHING AND TRIM COLOR #1	070200	REFER TO SPECIFICATIONS	TBD	
MANUFACTURED ROOF PANELS	074113	MBCI 12" BATTENLOCK HS	TBD	22 GAUGE
SOFFIT PANEL	074213	MBCI 12" ARTISAN	TBD	22 GAUGE
DOWNSPOUTS & GUTTERS	076200	REFER TO SPECIFICATIONS	TBD	
EXT. HOLLOW METAL DOORS/FRAMES COLOR #1	081113	SHERWIN-WILLIAMS	TBD	#SW 2853
COILING COUNTER DOOR	083323	SEE SPECIFICATIONS	ANODIZED ALUMINUM	COUNTER TO BE STAINLESS STEEL
OVERHEAD COILING DOOR	083323	SEE SPECIFICATIONS	TBD	#SW 2853
ALUMINUM WINDOWS	085113	YKK 45TU BY YKK AP AMERICA INC.	TBD	
LOUVERS AND VENTS COLOR #1	089000	REFER TO SPECIFICATIONS	MATCH ROOF PANEL COLOR	
EPT-1	099113	SHERWIN-WILLIAMS	TBD	
EPT-2	099113	SHERWIN-WILLIAMS	TBD	

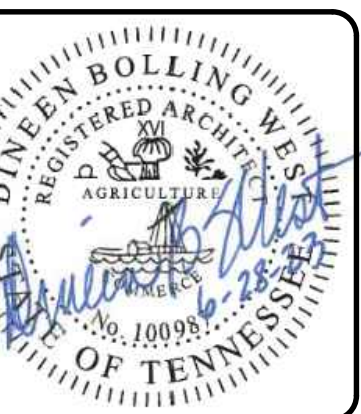
GENERAL NOTES

- PAINT STEEL LINTELS TO MATCH ADJACENT MASONRY OR METAL PANEL COLOR.
- ALL EXTERIOR FINISHES AND COLORS SUBJECT TO ARCHITECT'S APPROVAL.
- PROVIDE BOOTS AT ALL DOWNSPOUT LEADERS. SEE CIVIL AND PLUMBING DRAWINGS.
- OBTAIN COLORED ELEVATIONS FROM ARCHITECT PRIOR TO ORDERING OR INSTALLING MASONRY.
- WHERE COLORED ACCENT COURSES OCCUR, SMOOTH FACE CMU SHALL BE USED TO MATCH EXISTING.

ELEVATION LEGEND

	SPLIT FACE CMU (SCMU-1) (042000.A)
	MANUFACTURED ROOF PANEL (074113.A)
	CJ CONTROL JOINT, COLOR 1 TO MATCH SPLIT FACE CMU COLOR

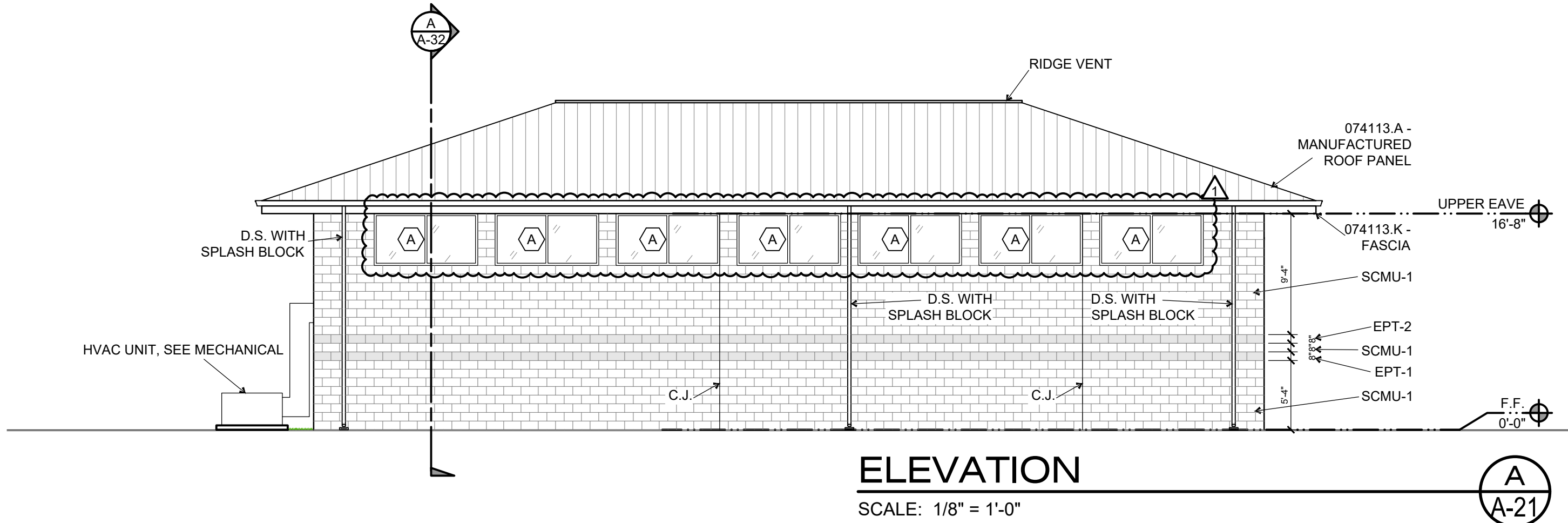
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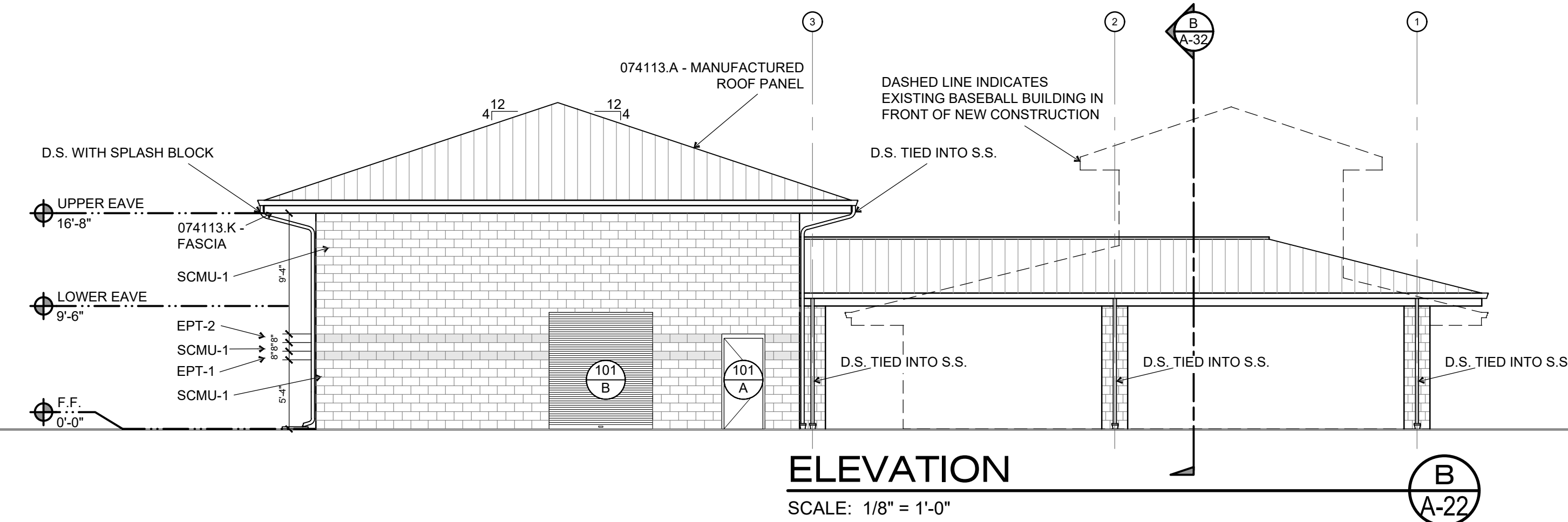
issued	06-28-2023
checked	DW
drawn	RL
project no.	202195

BUILDING ELEVATIONS - BID ALTERNATE

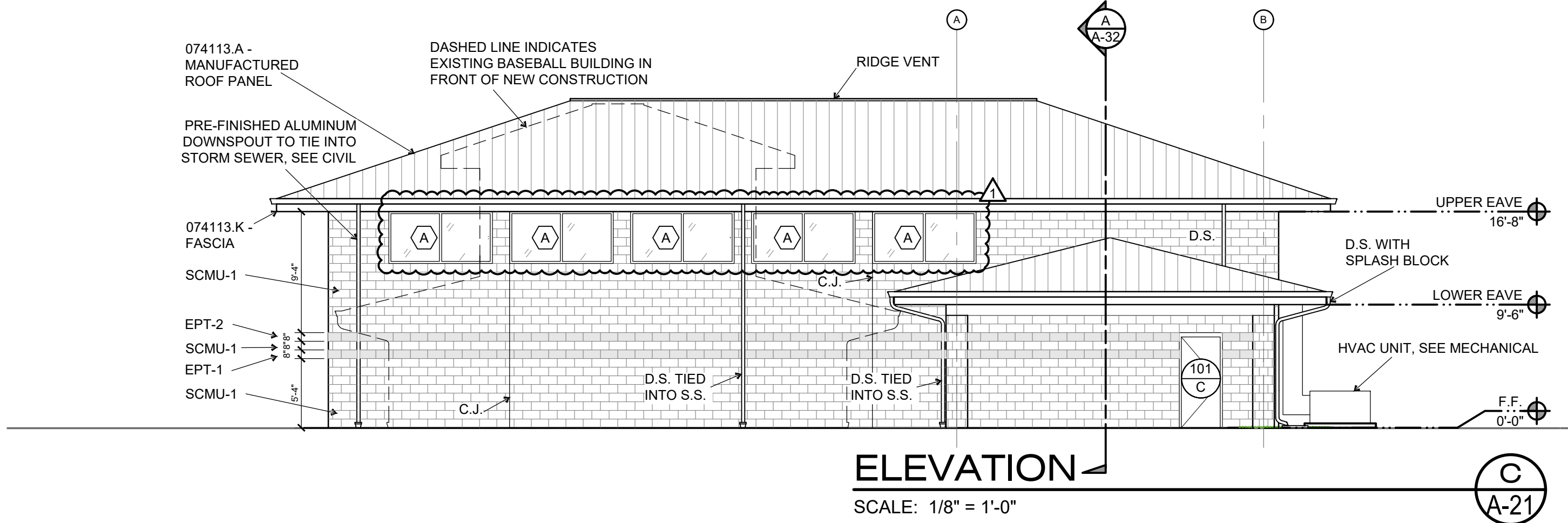
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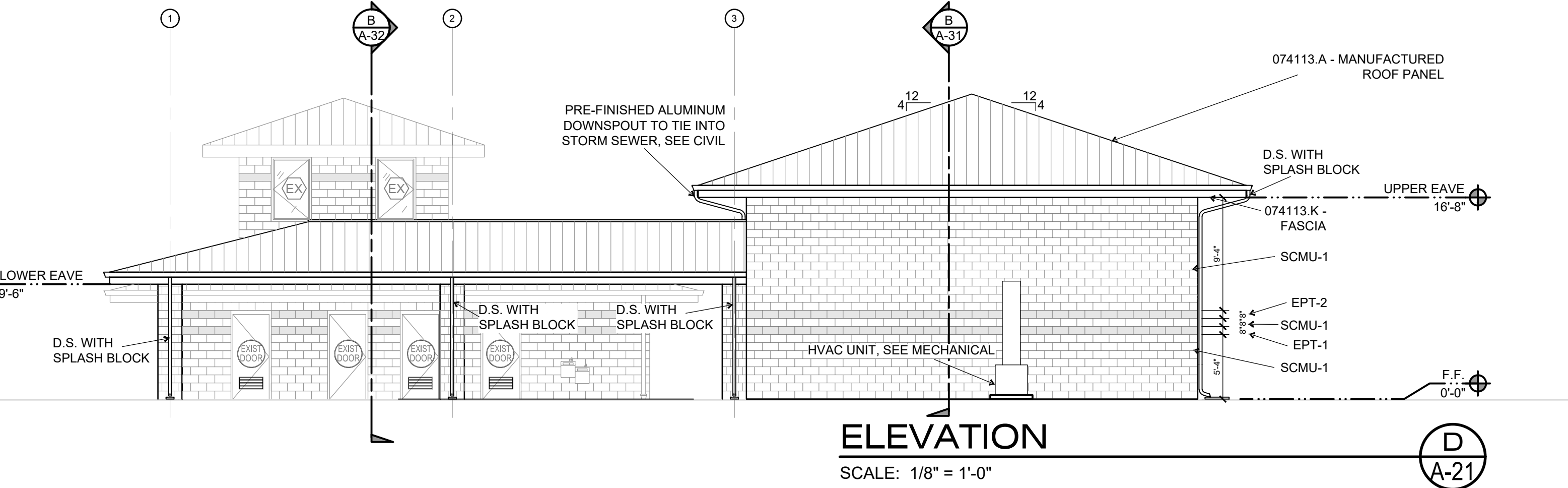
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A-21



ELEVATION
 SCALE: 1/8" = 1'-0"
B
A-22



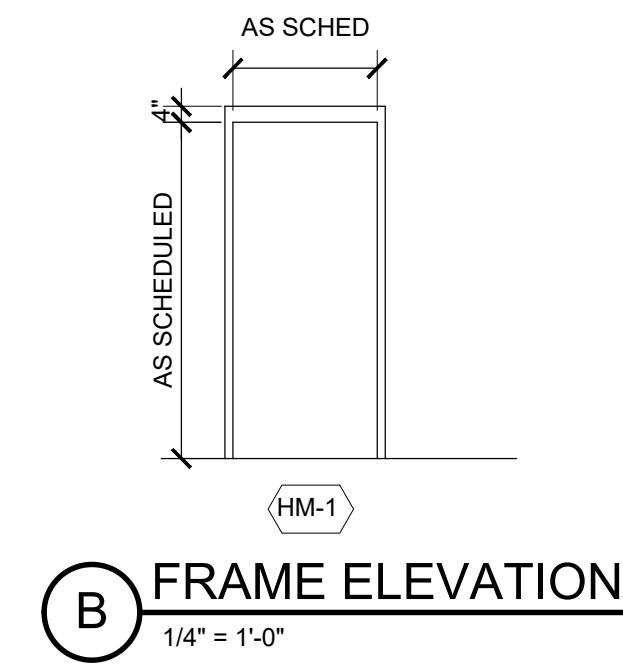
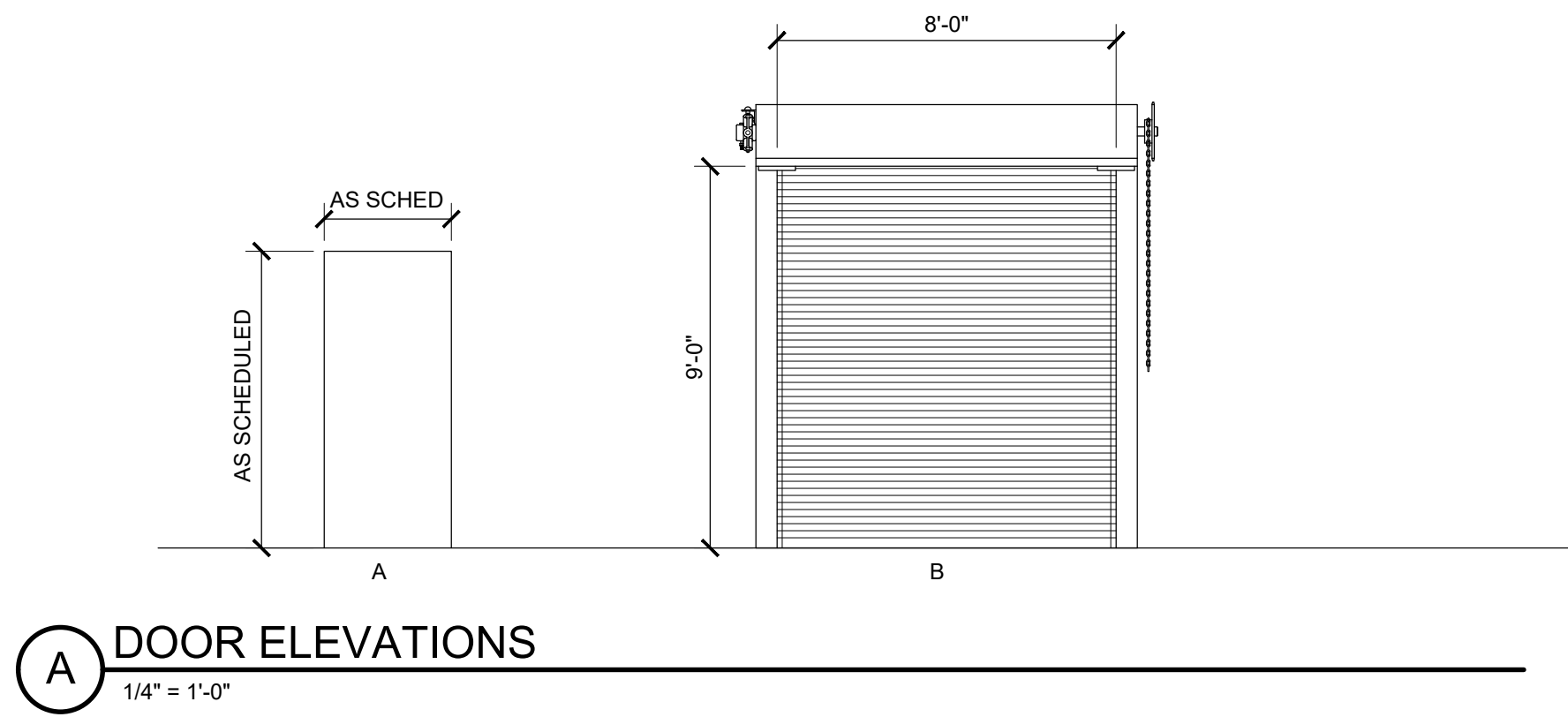
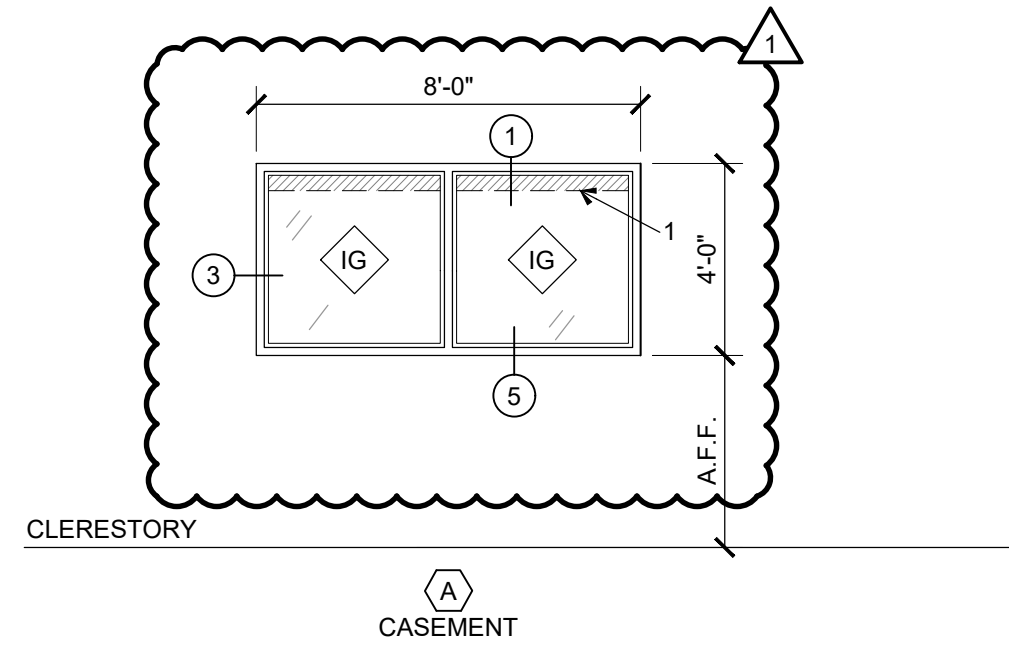
ELEVATION
 SCALE: 1/8" = 1'-0"
C
A-21



ELEVATION
 SCALE: 1/8" = 1'-0"
D
A-21

EXTERIOR FINISH SCHEDULE				
DESCRIPTION	SECTION	BASIS OF DESIGN	COLOR/TEXTURE	REMARKS
MORTAR COLOR #1	042000	HOLCIM	TBD	AT SPLIT FACE CMU #1
MORTAR COLOR #2	042000	HOLCIM	TBD	AT SPLIT FACE CMU #2 AND GLAZED CMU #1
SPLIT FACE CMU #1 (SCMU-1)	042000		TBD	STANDARD SPLIT FACE BLOCK
EXTERIOR PAINTED STEEL RAILINGS	055213	SHERWIN-WILLIAMS	TBD	#SW 2853
SHEET METAL FLASHING AND TRIM COLOR #1	070200	REFER TO SPECIFICATIONS	TBD	
MANUFACTURED ROOF PANELS	074113	MBCI 12" BATTLOCK HS	TBD	22 GAUGE
SOFFIT PANEL	074213	MBCI 12" ARTISAN	TBD	22 GAUGE
DOWNSPOUTS & GUTTERS	076200	REFER TO SPECIFICATIONS	TBD	
EXT. HOLLOW METAL DOORS/FRAMES COLOR #1	081113	SHERWIN-WILLIAMS	TBD	#SW 2853
COILING COUNTER DOOR	083323	SEE SPECIFICATIONS	ANODIZED ALUMINUM	COUNTER TO BE STAINLESS STEEL
OVERHEAD COILING DOOR	083323	SEE SPECIFICATIONS	TBD	#SW 2853
ALUMINUM WINDOWS	085113	YKK AP AMERICA, INC.	TBD	
LOUVERS AND VENTS COLOR #1	089000	REFER TO SPECIFICATIONS	MATCH ROOF PANEL COLOR	
EPT-1	099113	SHERWIN-WILLIAMS	TBD	
EPT-2	099113	SHERWIN-WILLIAMS	TBD	

GENERAL NOTES	ELEVATION LEGEND
A. PAINT STEEL LINTELS TO MATCH ADJACENT MASONRY OR METAL PANEL COLOR.	SPLIT FACE CMU (SCMU-1) (042000.A)
B. ALL EXTERIOR FINISHES AND COLORS SUBJECT TO ARCHITECT'S APPROVAL.	MANUFACTURED ROOF PANEL (074113.A)
C. PROVIDE BOOTS AT ALL DOWNSPOUT LEADERS. SEE CIVIL AND PLUMBING DRAWINGS.	CJ CONTROL JOINT, COLOR 1 TO MATCH SPLIT FACE CMU COLOR
D. OBTAIN COLORED ELEVATIONS FROM ARCHITECT PRIOR TO ORDERING OR INSTALLING MASONRY.	



GENERAL NOTES

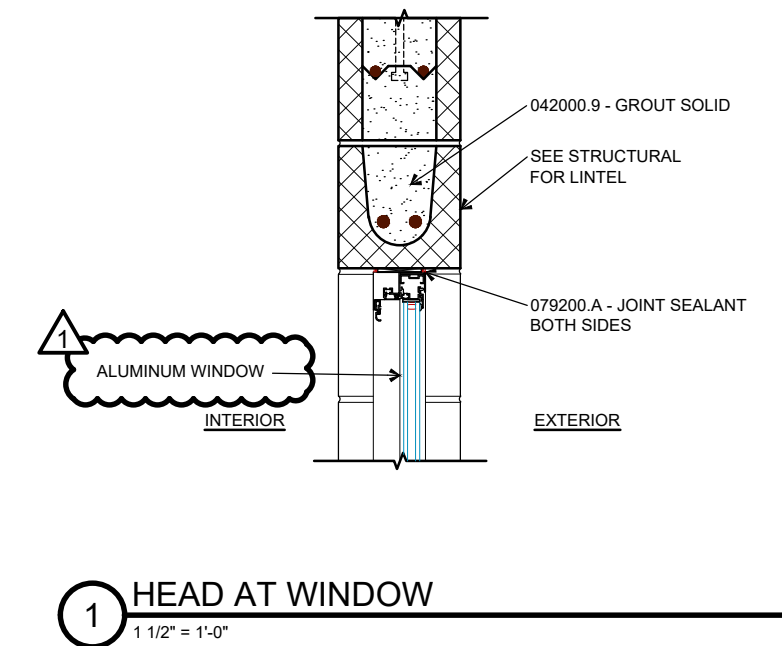
- A. SEE FLOOR PLANS FOR DOOR AND FRAME LOCATIONS.
- B. OVERALL HORIZONTAL AND VERTICAL FRAME DIMENSIONS ARE TO MASONRY OPENINGS.
- C. ALL LABELED DOORS SHALL BE GLAZED WITH SAFETY FIRE-RATED GLASS.
- D. VIEW LIGHTS IN ALL NON-LABELED DOORS SHALL BE TEMPERED GLASS U.N.O.
- E. ALL INTERIOR WINDOWS SHALL BE GLAZED WITH TEMPERED GLASS U.N.O.
- F. CONTRACTOR SHALL LEAVE ALL LABELS ON GLAZING AND FRAMES UNTIL O.S.F. HAS INSPECTED THE JOB.
- G. PROVIDE FIRE-RATED GLASS WHERE DOOR IS LOCATED IN FIRE-RATED WALL.
- H. ALL HOLLOW METAL FRAMES AND DOORS ARE TO BE PAINTED.
- I. REFER ALSO TO INTERIOR FINISH LEGEND.
- J. FLOOR FINISHES TO BE LEVEL AND FLUSH WITH THRESHOLD, WITH MAXIMUM 1/4" TOLERANCE, TYPICAL.
- K. FLOOR TRANSITIONS THAT OCCUR WITHIN DOOR THRESHOLD TO OCCUR AT CENTERLINE OF CLOSED DOOR, TYPICAL U.N.O.
- L. ALL EXTERIOR METAL THRESHOLDS ARE TO BE SET IN A FULL BED OF SEALANT.
- M. REFER TO PLANS AND SECTIONS FOR WALL TYPE AND A-01 FOR WALL TYPE DIMENSIONS AND COMPONENTS.
- N. EXTERIOR COILING DOORS SHALL HAVE BAKED ENAMEL FINISH.
- O. EXTERIOR COILING DOORS SHALL BE INSULATED.

A DOOR ELEVATIONS
1/4" = 1'-0"

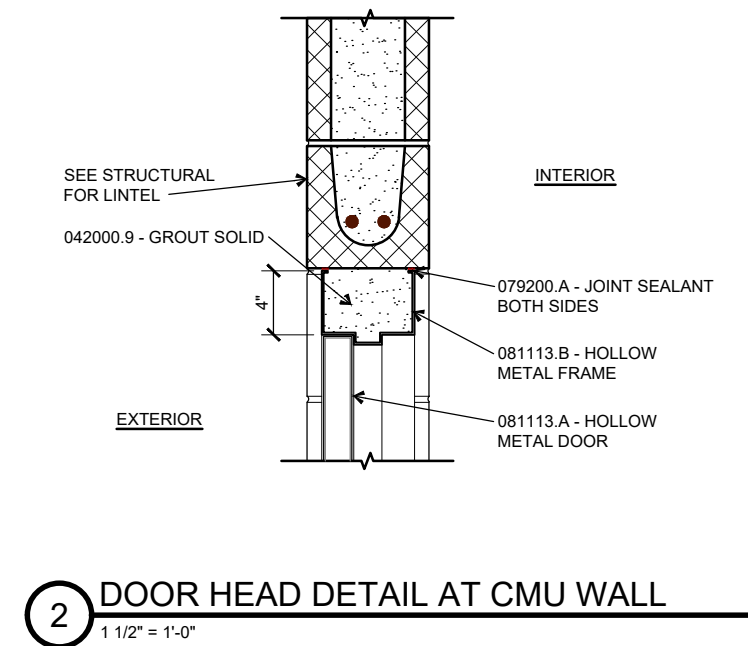
B FRAME ELEVATION
1/4" = 1'-0"

DOOR AND FRAME SCHEDULE											
DOORS							FRAMES				
MARK	SIZE (WxHxT)	MATERIAL	TYPE	FIRE LABEL	GLAZING	HDWE. SET	TYPE	MATERIAL	HEAD	JAMB	REMARKS
101A	3'-0" x 7'-0" x 1 3/4"	HM	A	---	---	---	HM-1	HM	2	4	
101B	8'-0" x 9'-0" x 1 3/4"	STEEL	B	---	---	---	---	STEEL	7	8	EXTERIOR INSULATED COILING DOOR
101C	3'-0" x 7'-0" x 1 3/4"	HM	A	---	---	---	HM-1	HM	2	4	

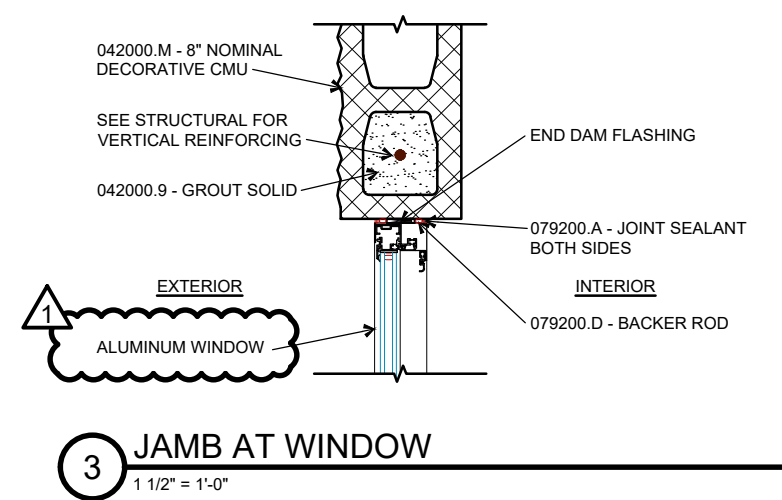
WINDOW SCHEDULE									
MARK	SIZE (WxH)	FRAME	GLAZING	HEAD	JAMB	SILL	SILL HEIGHT	REMARKS	
A	8'-0" x 4'-0"	ALUM	IG	1	3	5	11'-4"		



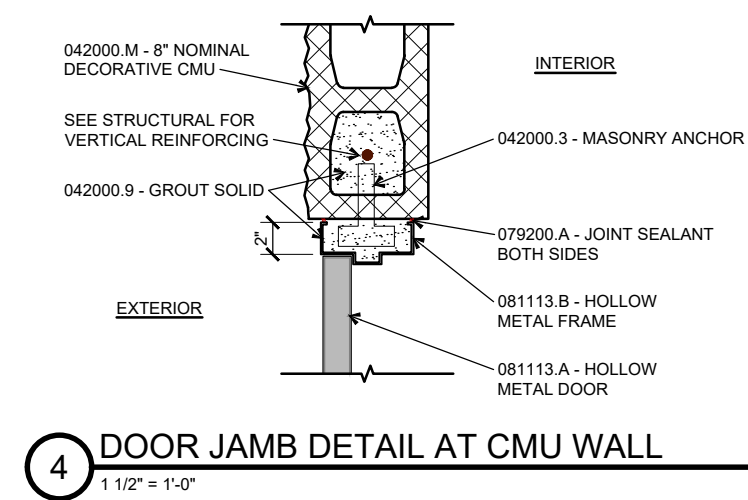
1 HEAD AT WINDOW
1 1/2" = 1'-0"



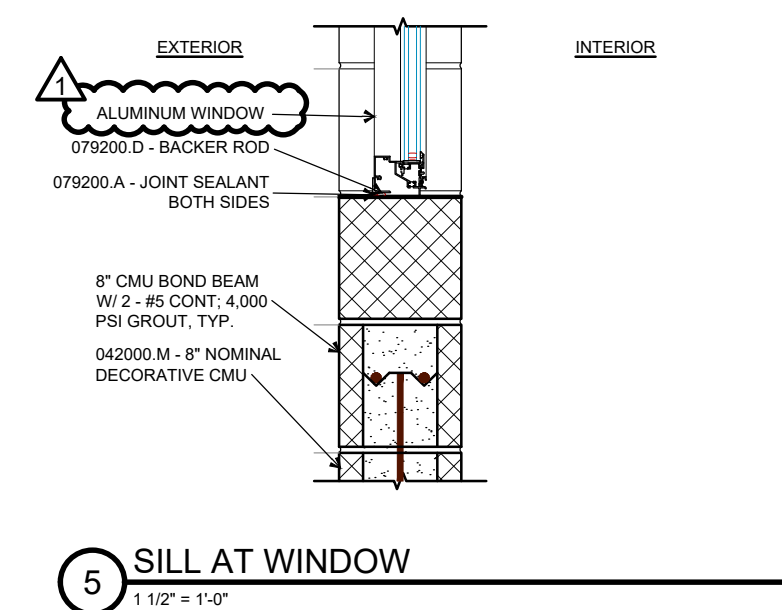
2 DOOR HEAD DETAIL AT CMU WALL
1 1/2" = 1'-0"



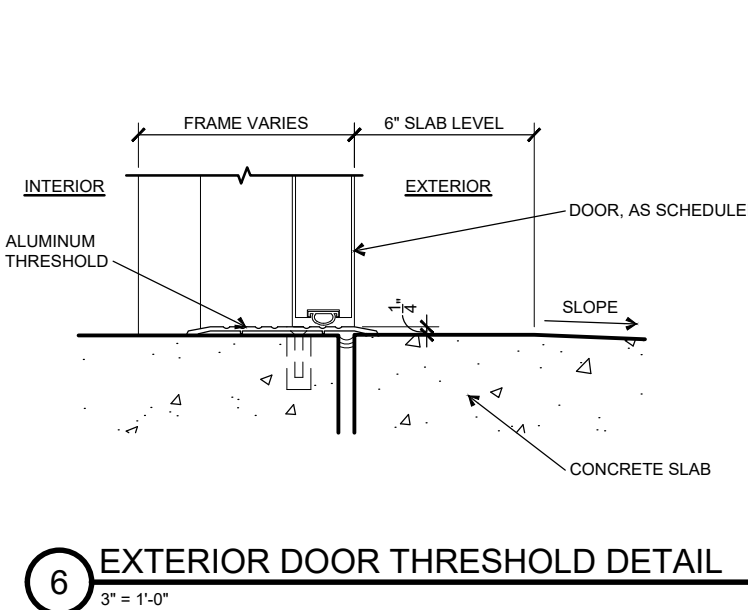
3 JAMB AT WINDOW
1 1/2" = 1'-0"



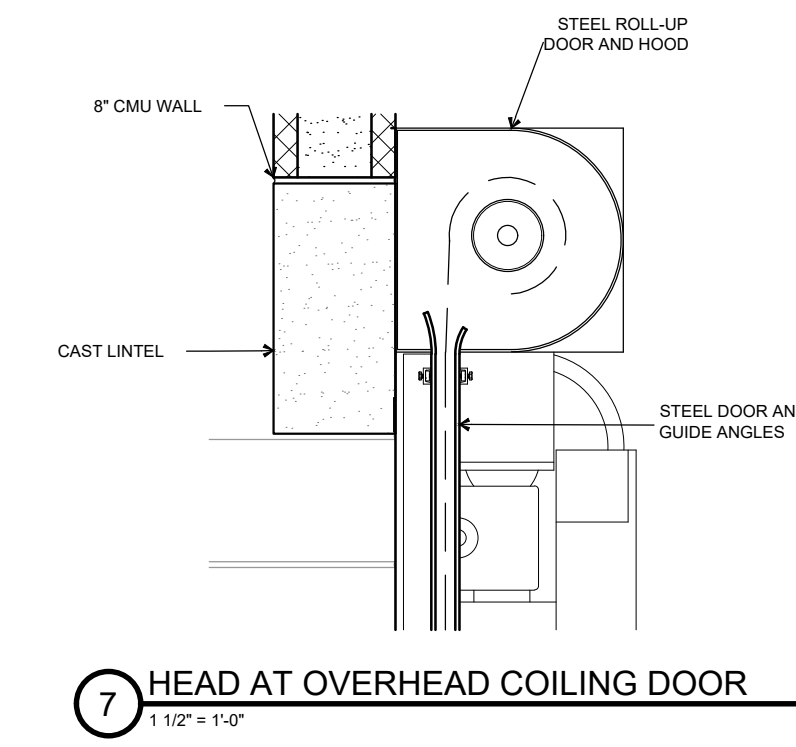
4 DOOR JAMB DETAIL AT CMU WALL
1 1/2" = 1'-0"



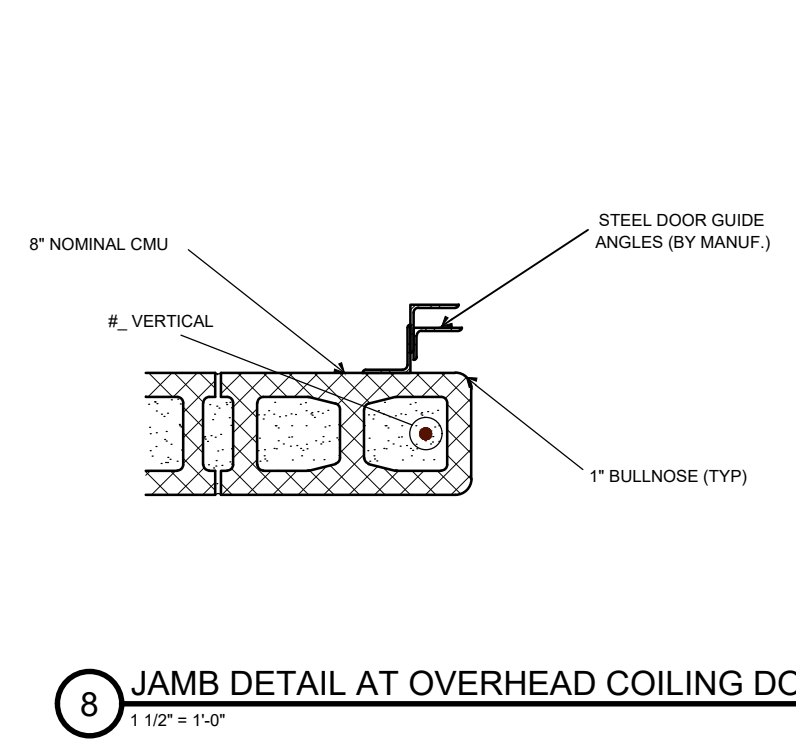
5 SILL AT WINDOW
1 1/2" = 1'-0"



6 EXTERIOR DOOR THRESHOLD DETAIL
3" = 1'-0"



7 HEAD AT OVERHEAD COILING DOOR
1 1/2" = 1'-0"



8 JAMB DETAIL AT OVERHEAD COILING DOOR
1 1/2" = 1'-0"

HEAD, JAMB, AND SILL DETAILS

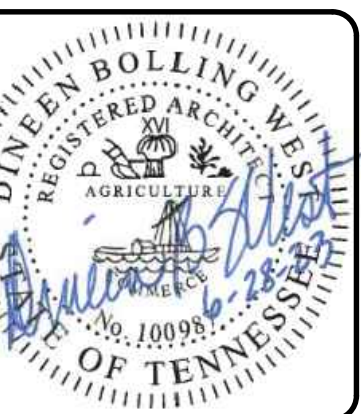
SULLIVAN COUNTY SCHOOLS
New addition for:
Re-Bid West Ridge High School Multipurpose Room Building
Blountville, TN
380 Lynn Rd

Cain Rash West
Architects

130 Regional Park Dr.
Kingsport, TN 37660
Phn (423) 349-7760
Fax (423) 349-7413
www.grcinc.com

THIS DRAWING AS PREPARED BY CainRashWest Architects SHALL BE USED FOR THE SPECIFIC IDENTIFIED PROJECT ONLY. THIS DRAWING IS THE PROPERTY OF CainRashWest Architects AND SHALL BE RETURNED PER THEIR REQUEST

no.	date	rev.	description
1	07-19-23		WINDOW TYPE CHANGE



issued 06-28-2023
checked DW
drawn RL
project no. 202195

DOOR AND WINDOW SCHEDULES AND ELEVATIONS

A-60

SECTION 083323 - OVERHEAD COILING DOORS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Insulated service doors.

1.3 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Design overhead coiling doors, including comprehensive engineering analysis by a qualified professional engineer, using performance requirements and design criteria indicated.
- B. Structural Performance, Exterior Doors: Capable of withstanding the design wind loads.
 - 1. Design Wind Load: As indicated on Drawings.
 - 2. Deflection Limits: Design overhead coiling doors to withstand design wind load without evidencing permanent deformation or disengagement of door components.
- C. Operation Cycles: Provide overhead coiling door components and operators capable of operating for not less than number of cycles indicated for each door. One operation cycle is complete when a door is opened from the closed position to the fully open position and returned to the closed position.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type and size of overhead coiling door and accessory.
 - 1. Include construction details, material descriptions, dimensions of individual components, profiles for slats, and finishes.
 - 2. Include rated capacities, operating characteristics, electrical characteristics, and furnished accessories.
- B. Shop Drawings: For each installation and for special components not dimensioned or detailed in manufacturer's product data.

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1. Include plans, elevations, sections, and mounting details.
 2. Include details of equipment assemblies, and indicate dimensions, required clearances, method of field assembly, components, and location and size of each field connection.
 3. Include points of attachment and their corresponding static and dynamic loads imposed on structure.
 4. For exterior components, include details of provisions for assembly expansion and contraction and for excluding and draining moisture to the exterior.
 5. Show locations of controls, locking devices, and other accessories.
- C. Samples for Initial Selection: Manufacturer's finish charts showing full range of colors and textures available for units with factory-applied finishes.
1. Include similar Samples of accessories involving color selection.

1.5 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.

1.6 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For overhead coiling doors to include in maintenance manuals.

1.7 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum of ten (10) years experience in producing rolling doors of the type specified.
- B. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by manufacturer for both installation and maintenance of units required for this Project.
- C. Source Limitations: Obtain overhead coiling doors from single source from single manufacturer.
- D. Regulatory Requirements: Comply with applicable provisions in ICC/ANSI A117.1.

1.8 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of coiling doors that fail in materials or workmanship within specified warranty period.
1. Failures include, but are not limited to, the following:
 - a. Structural failures including, but not limited to, excessive deflection.
 - b. Faulty operation of hardware.

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- c. Deterioration of metals, metal finishes, and other materials beyond normal weathering and use, rust through.
 - d. Delamination of exterior or interior facing materials.
2. Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products approved by Architect by one of the following:
 1. Cornell Iron Works, Inc.
 2. Cookson Company (The).
 3. McKeon Door Company.
 4. **Overhead Door Company.**

2.2 SERVICE DOOR ASSEMBLY

- A. Insulated Service Door: Overhead coiling door formed with curtain of interlocking metal slats.
- B. Operation Cycles: Door components and operators capable of operating for not less than 20,000. One operation cycle is complete when a door is opened from the closed position to the fully open position and returned to the closed position.
 1. Include tamperproof cycle counter.
- C. Door Curtain Material: **Galvanized steel.**
- D. Door Curtain Slats: Flat profile slats of 1-7/8-inch to 3-1/4-inch center-to-center height.
 1. Insulated-Slat Interior Facing: Metal.
 2. Gasket Seal: Manufacturer's standard continuous gaskets between slats.
- E. Bottom Bar: Two angles, each not less than 2 inch by 2 inch by 1/8 inch; fabricated from hot-dip galvanized steel stainless steel or aluminum extrusions and finished to match door.
- F. Curtain Jamb Guides: Galvanized steel with exposed finish matching curtain slats. Provide removable post(s) and jamb guides where shown on Drawings.
- G. Hood: Match curtain material and finish.
 1. Shape: As shown on Drawings.
 2. Mounting: As shown on Drawings.

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- H. Locking Devices: Equip door with slide bolt for padlock.
- I. Manual Door Operator: Chain-hoist operator.
- J. Door Finish: Aluminum Finish: **Anodized color as selected by Architect from full range of industry colors.**

2.3 DOOR CURTAIN MATERIALS AND CONSTRUCTION

- A. Door Curtains: Fabricate overhead coiling-door curtain of interlocking metal slats, designed to withstand wind loading indicated, in a continuous length for width of door without splices. Unless otherwise indicated, provide slats of thickness and mechanical properties recommended by door manufacturer for performance, size, and type of door indicated, and as follows:
 - 1. Aluminum Door Curtain Slats: ASTM B 209 sheet or ASTM B 221 extrusions, alloy and temper standard with manufacturer for type of use and finish indicated; thickness of 0.050 inch; and as required.
 - 2. Insulation: Fill slats for insulated doors with manufacturer's standard thermal insulation complying with maximum flame-spread and smoke-developed indexes of 75 and 450, respectively, according to ASTM E 84 or UL 723. Enclose insulation completely within slat faces.
 - 3. Metal Interior Curtain-Slat Facing: Match metal of exterior curtain-slat face, with minimum steel thickness of 0.010 inch and minimum aluminum thickness of 0.032 inch.
- B. Curtain Jamb Guides: Manufacturer's standard angles or channels and angles of same material and finish as curtain slats unless otherwise indicated, with sufficient depth and strength to retain curtain, to allow curtain to operate smoothly, and to withstand loading. Slot bolt holes for guide adjustment. Provide removable stops on guides to prevent overtravel of curtain, and a continuous bar for holding windlocks.

2.4 HOODS

- A. General: Form sheet metal hood to entirely enclose coiled curtain and operating mechanism at opening head. Contour to fit end brackets to which hood is attached. Roll and reinforce top and bottom edges for stiffness. Form closed ends for surface-mounted hoods and fascia for any portion of between-jamb mounting that projects beyond wall face. Equip hood with intermediate support brackets as required to prevent sagging.
 - 1. Aluminum: 0.040-inch- thick aluminum sheet complying with ASTM B 209, of alloy and temper recommended by manufacturer and finisher for type of use and finish indicated.
 - 2. Exterior-Mounted Doors: Fabricate hood to act as weather protection and with a perimeter sealant-joint-bead profile for applying joint sealant.

2.5 LOCKING DEVICES

- A. Slide Bolt: Fabricate with side-locking bolts to engage through slots in tracks for locking by padlock, located on both left and right jamb sides, operable from coil side.

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- B. Locking Device Assembly: Fabricate with cylinder lock, spring-loaded dead bolt, operating handle, cam plate, and adjustable locking bars to engage through slots in tracks.

2.6 CURTAIN ACCESSORIES

- A. Weatherseals for Exterior Doors: Equip each exterior door with weather-stripping gaskets fitted to entire exterior perimeter of door for a weather-resistant installation unless otherwise indicated.
 - 1. At door head, use 1/8-inch- thick, replaceable, continuous-sheet baffle secured to inside of hood or field- installed on the header.
 - 2. At door jambs, use replaceable, adjustable, continuous, flexible, 1/8-inch- thick seals of flexible vinyl, rubber, or neoprene.
 - 3. Astragals: For exterior doors, equip each door bottom bar with a replaceable, adjustable, continuous, compressible gasket of flexible vinyl, rubber, or neoprene as a cushion bumper and weathersealing.
- B. Push/Pull Handles: Equip each push-up-operated or emergency-operated door with lifting handles on each side of door, finished to match door.

2.7 COUNTERBALANCING MECHANISM

- A. General: Counterbalance doors by means of manufacturer's standard mechanism with an adjustable-tension, steel helical torsion spring mounted around a steel shaft and contained in a spring barrel connected to top of curtain with barrel rings. Use grease-sealed bearings or self-lubricating graphite bearings for rotating members.
- B. Counterbalance Barrel: Fabricate spring barrel of manufacturer's standard hot-formed, structural-quality, seamless or welded carbon-steel pipe, of sufficient diameter and wall thickness to support rolled-up curtain without distortion of slats and to limit barrel deflection to not more than 0.03 in./ft. of span under full load.
- C. Counterbalance Spring: One or more oil-tempered, heat-treated steel helical torsion springs. Size springs to counterbalance weight of curtain, with uniform adjustment accessible from outside barrel. Secure ends of springs to barrel and shaft with cast-steel barrel plugs.
- D. Brackets: Manufacturer's standard mounting brackets of either cast iron or cold-rolled steel plate.

2.8 MANUAL DOOR OPERATORS

- A. General: Equip door with manual door operator by door manufacturer.
- B. Chain-Hoist Operator: Consisting of endless steel hand chain, chain-pocket wheel and guard, and gear-reduction unit with a maximum 30-lbf force for door operation. Provide alloy-steel hand chain with chain holder secured to operator guide.

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2.9 GENERAL FINISH REQUIREMENTS

- A. Comply with NAAMM/NOMMA's "Metal Finishes Manual for Architectural and Metal Products (AMP 500-06)" for recommendations for applying and designating finishes.
- B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrate areas and conditions, with Installer present, for compliance with requirements for substrate construction and other conditions affecting performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install overhead coiling doors and operating equipment complete with necessary hardware, anchors, inserts, hangers, and equipment supports; according to manufacturer's written instructions and as specified.
- B. Install overhead coiling doors, hoods, controls, and operators at the mounting locations indicated for each door.
- C. Accessibility: Install overhead coiling doors, switches, and controls along accessible routes in compliance with regulatory requirements for accessibility.

3.3 STARTUP SERVICE

- A. Engage a factory-authorized service representative to perform startup service.
 - 1. Perform installation and startup checks according to manufacturer's written instructions.
 - 2. Test and adjust controls and safety devices. Replace damaged and malfunctioning controls and equipment.
 - 3. Test door closing when activated by detector or alarm-connected fire-release system. Reset door-closing mechanism after successful test.

3.4 ADJUSTING

- A. Adjust hardware and moving parts to function smoothly so that doors operate easily, free of warp, twist, or distortion.

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1. Adjust exterior doors and components to be weather-resistant.
- B. Lubricate bearings and sliding parts as recommended by manufacturer.
- C. Adjust seals to provide tight fit around entire perimeter.

3.5 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain overhead coiling doors.

END OF SECTION 083323