

NOTE: 1. CONCRETE MASONRY UNITS INDICATED ARE DIAGRAMATIC IN NATURE AND ARE NOT SPECIFIC TO ANY MANUFACTURER. MASONRY CONTRACTOR SHALL INCORPORATE SHAPES AND OR CUT UNITS AS REQUIRED TO MEET DETAIL REQUIREMENTS.

2. ALL LINTELS SHOWN ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.

3. ALL EXPOSED LINTELS ARE TO BE PAINTED. CONTRACTOR TO PREPARE AND PAINT AS SPECIFIED.

Diagram illustrating the transition from existing construction to a new aluminum curtain wall system. The diagram shows a cross-section of the wall assembly, including the existing construction, a transition membrane, and the new aluminum curtain wall system. The total width of the transition area is dimensioned as 7 1/2".

Labels and components shown in the diagram:

- ALUMINUM CURTAIN WALL SYSTEM
- METAL TRIM TO MATCH CURTAIN WALL
- EXISTING CONSTRUCTION
- TRANSITION MEMBRANE
- ALUMINUM CURTAIN WALL SYSTEM

Dimensions: 7 1/2" (indicated at the top and bottom of the section).

EXISTING CONSTRUCTION

ALUMINUM CURTAIN WALL SYSTEM

SEALANT & BACKER ROD

7 1/2"

5/8" ME

Technical drawing of a window detail. The drawing shows a cross-section of a window assembly. A dimension line at the top indicates a width of 7 1/2". Labels with leader lines point to the following components: ALUMINUM CURTAIN WALL SYSTEM, SEALANT & BACKER ROD, and EXISTING CONSTRUCTION. The drawing shows the window frame, the sealant, the backer rod, and the existing construction.

EXISTING WALL CONSTRUCTION

AIR BARRIER

EXISTING WALL CONSTRUCTION CONT WOOD BLOCKING

TRANSITION MEMBRANE

SEALANT & BACKER ROD

ALUMINUM CURTAIN WALL SYSTEM

REMOVE EXISTING MASONRY VENEER IN A SAWTOOTH PATTERN TO ±1/4" FROM WINDOW JAMB. SALVAGE EXISTING MASONRY VENEER FOR REINSTALLATION.

2" x 1" METAL TRIM TO MATCH WINDOW SYSTEM

7 1/2"

2 1/2"

ME

ALUMINUM CURTAIN WALL SYSTEM

7 1/2"

3/4" MIN.

SEALANT & BACKER ROD

EXISTING CONSTRUCTION

EXISTING CONSTRUCTION

SEALANT & BACKER ROD

ALUMINUM CURTAIN WALL SYSTEM

3" 7 1/2"

ME

EXISTING CONSTRUCTION

SEALANT & BACKER ROD

ALUMINUM CURTAIN WALL SYSTEM

7 1/2"

ME

AIR BARRIER

2" x 1" METAL TRIM TO MATCH WINDOW SYSTEM

CONF 2x6 WOOD BLOCKING

TRANSITION MEMBRANE

REMOVE EXISTING MASONRY VENEER IN A SAWTOOTH PATTERN TO 4-1/4" FROM WINDOW JAMB. SALVAGE EXISTING MASONRY VENEER FOR REINSTALLATION.

Diagram illustrating the removal of existing masonry veneer and the installation of a new curtain wall system. The diagram shows a cross-section of a wall and window assembly. Key components and steps are labeled:

- REMOVE EXISTING MASONRY VENEER IN A SAWTOOTH PATTERN TO $\pm 1/4"$ FROM WINDOW JAMB. SALVAGE EXISTING MASONRY VENEER FOR REINSTALLATION.
- AIR BARRIER
- TRANSITION MEMBRANE
- 2" x 2" METAL TRIM TO MATCH WINDOW SYSTEM
- 7 1/2"
- 2x WOOD BLOCKING
- EXISTING CONSTRUCTION
- ALUMINUM CURTAIN WALL SYSTEM
- SEALANT & BACKER ROD

71 1/2"

ALUMINUM CURTAIN WALL SYSTEM

METAL TRIM/DRIIP TO MATCH CURTAIN WALL SYSTEM

SEALANT & BACKER ROD

TRANSITION MEMBRANE

EXISTING CONSTRUCTION

ISSUED FOR BID

REVISIONS

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CR

ALUMINUM CURTAIN WALL DETAILS	
PLOT SCALE:	1 1/2" = 1'-0"
FILENAME:	
DATE:	FEBRUARY 23, 2024

PSU PROJECT NO.
00-08549.00
DGS PROJECT NO.
800-311

A6.4