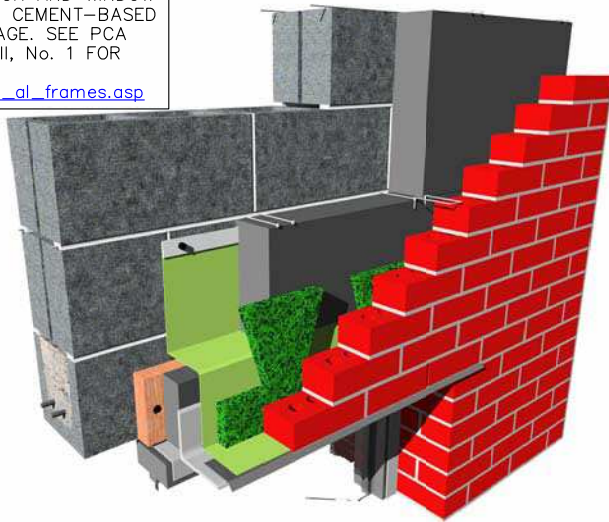


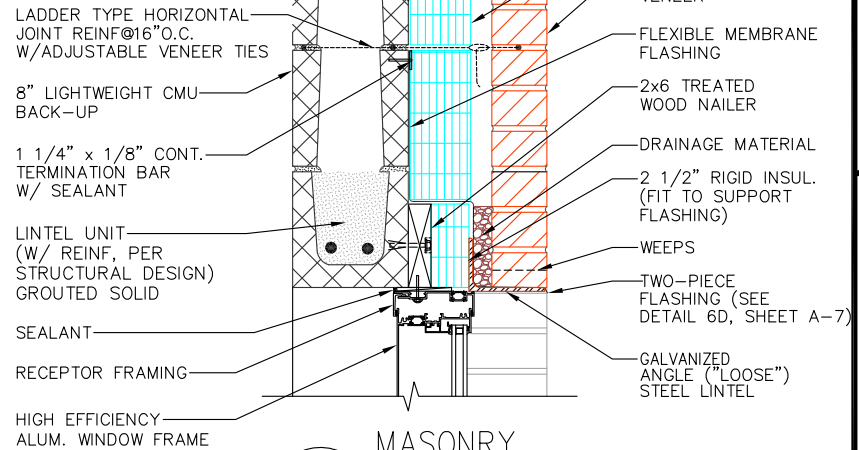
NOTE:

UNPROTECTED ALUMINUM DOOR AND WINDOW FRAMES CAN INTERACT WITH CEMENT-BASED MATERIALS AND INCUR DAMAGE. SEE PCA "MASONRY TODAY" VOLUME II, No. 1 FOR RECOMMENDATIONS.
www.cement.org/masonry/cc_al_frames.asp

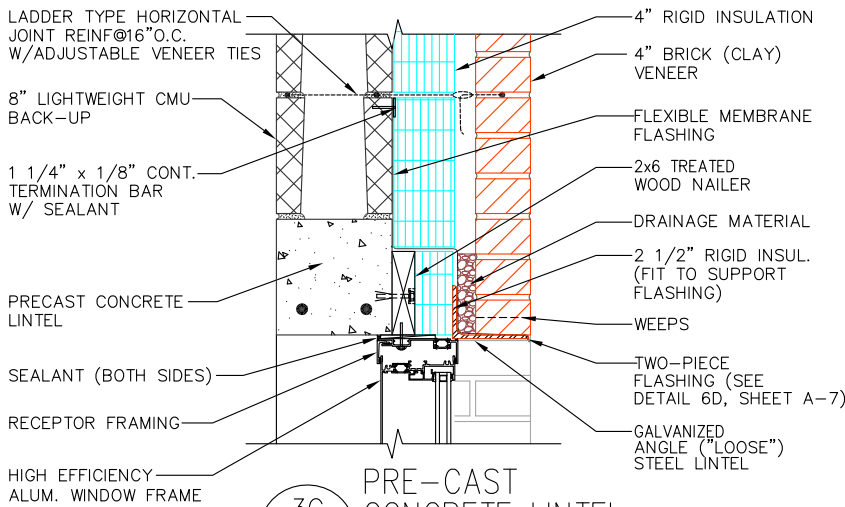


ISOMETRIC VIEW

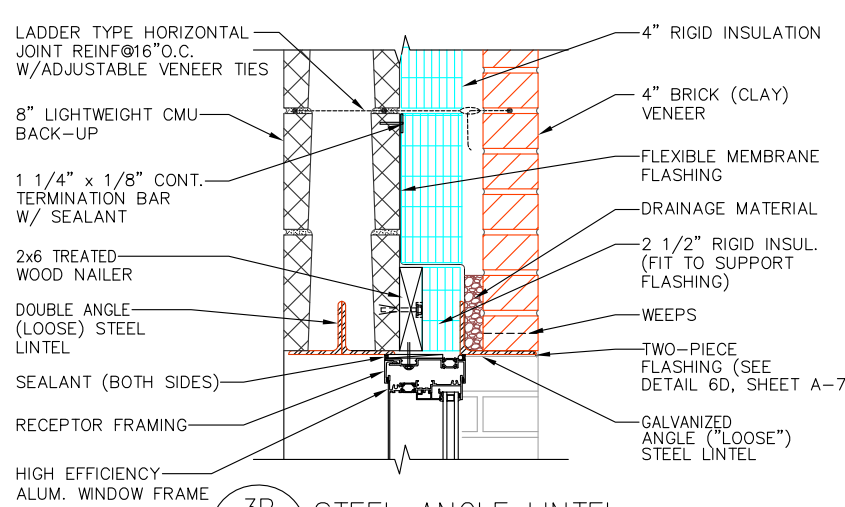
NOTE: MASONRY LINTEL MAY BE PRECAST OR FIELD ASSEMBLED



3A MASONRY LINTEL (PREFERRED)
A-1



3C PRE-CAST CONCRETE LINTEL
A-1



3B STEEL ANGLE LINTEL
A-1

SHORT SPAN LINTELS-WINDOW OPENINGS - USING RECEPTORS

(3 OPTIONS FOR THE CMU BACK-UP)

DAILEY ENGINEERING, INC.
 8486 STEPHENSON ROAD
 ONSTED, MI 48866
 PH. # (517) 467-9000
 FAX # (517) 467-9010



the Masonry Institute of Michigan, Inc.



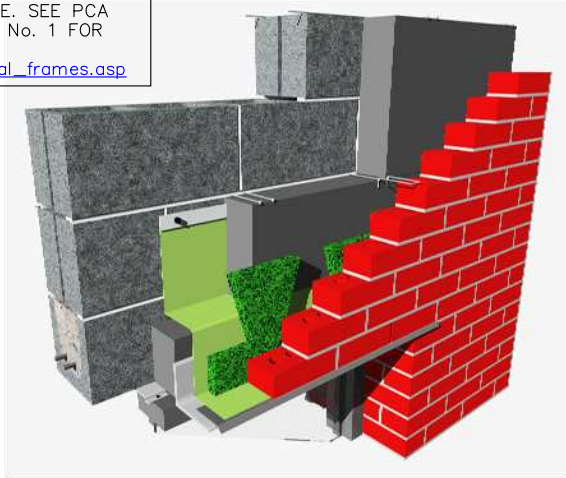
GENERIC WALL DESIGN - HIGH R MULTI WYTHE (8" CMU W/ BRICK VENEER)

IN CHARGE:	
DRAWN:	M.W.F.
APPROVED:	
DATE:	05/03/2011
TITLE:	SHORT SPAN LINTEL DETAILS-WINDOWS
SHEET:	A-4

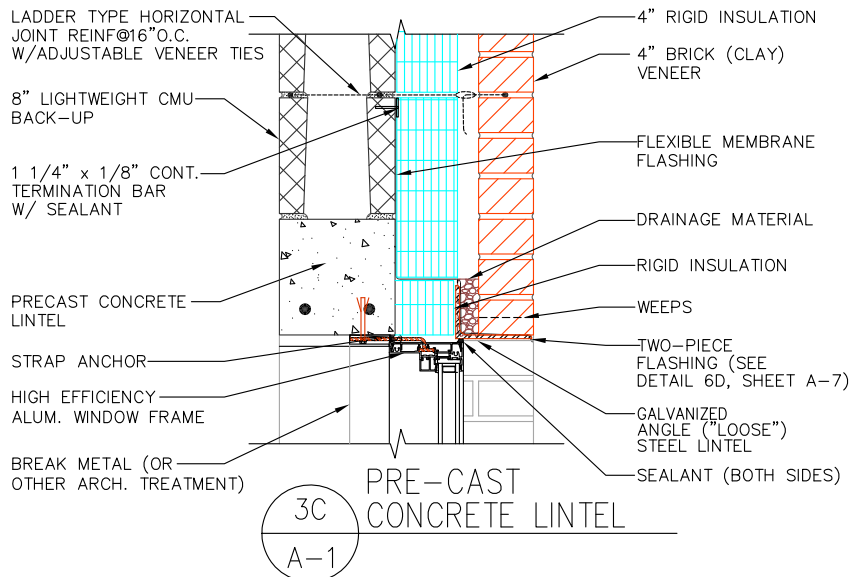
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NOTE:

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www.cement.org/masonry/cc_al_frames.asp

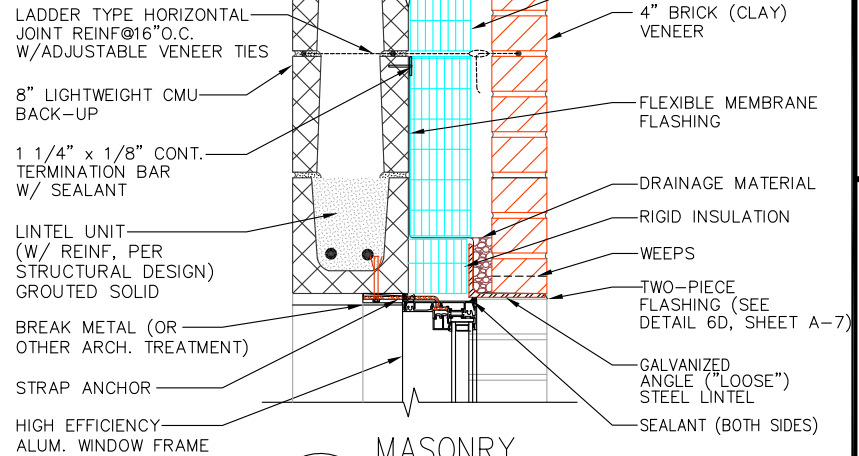


ISOMETRIC VIEW

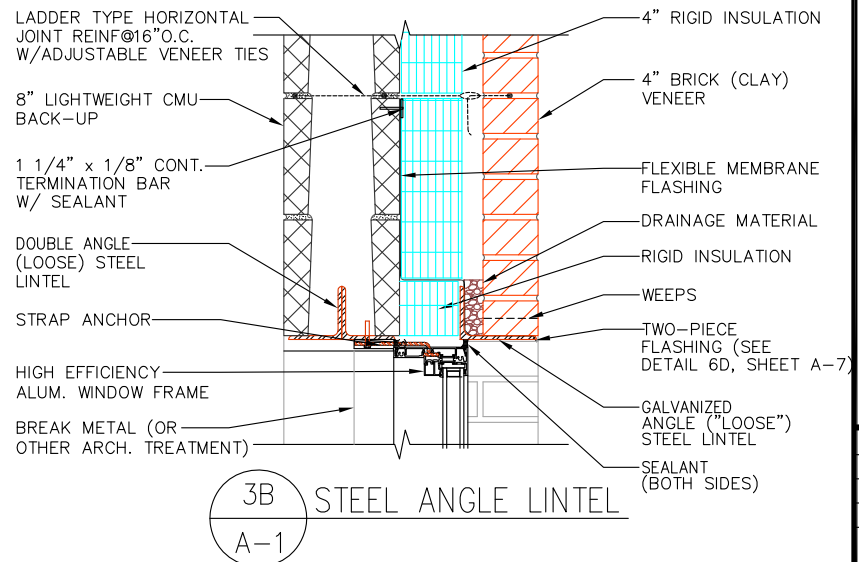


3C PRE-CAST CONCRETE LINTEL
A-1

NOTE: MASONRY LINTEL MAY BE PRECAST OR FIELD ASSEMBLED



3A MASONRY LINTEL (PREFERRED)
A-1



3B STEEL ANGLE LINTEL
A-1

SHORT SPAN LINTELS—WINDOW OPENINGS — USING STRAP ANCHORS

(3 OPTIONS FOR THE CMU BACK-UP)

DAILEY ENGINEERING, INC.
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GENERIC WALL DESIGN — HIGH R MULTI WYTHE (8" CMU W/ BRICK VENEER)

IN CHARGE:	
DRAWN:	M.W.F.
APPROVED:	
DATE:	05/03/2011
TITLE:	ALTERNATE SHORT SPAN LINTEL DETAILS—WINDOWS
SHEET:	A-4.1

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NOTE:

UNPROTECTED ALUMINUM DOOR AND WINDOW FRAMES CAN INTERACT WITH CEMENT-BASED MATERIALS AND INCUR DAMAGE. SEE PCA "MASONRY TODAY" VOLUME II, No. 1 FOR RECOMMENDATIONS.

www.cement.org/masonry/cc_al_frames.asp



NOTE: MASONRY LINTEL MAY BE PRECAST OR FIELD ASSEMBLED

LADDER TYPE HORIZONTAL JOINT REINF. @ 16" O.C. W/ADJUSTABLE VENEER TIES
 1 1/4" x 1/8" CONT. TERMINATION BAR W/ SEALANT
 8" LIGHTWEIGHT CMU BACK-UP
 LINTEL UNIT (W/ REINF. PER STRUCTURAL DESIGN) GROUTED SOLID
 DOOR FRAME

4" BRICK (CLAY) VENEER
 4" RIGID INSULATION
 FLEXIBLE MEMBRANE FLASHING
 DRAINAGE MATERIAL
 WEEPS
 TWO-PIECE FLASHING (SEE DETAIL 6D, SHEET A-7)
 GALVANIZED DOUBLE ANGLE ("LOOSE") STEEL LINTEL
 SEALANT (BOTH SIDES)

4A MASONRY LINTEL (PREFERRED)
 A-1

LADDER TYPE HORIZONTAL JOINT REINF. @ 16" O.C. W/ADJUSTABLE VENEER TIES
 8" LIGHTWEIGHT CMU BACK-UP
 1 1/4" x 1/8" CONT. TERMINATION BAR W/ SEALANT
 PRECAST CONCRETE LINTEL
 SEALANT (BOTH SIDES)
 DOOR FRAME

1 1/4" x 1/8" CONT. TERMINATION BAR W/ SEALANT
 LADDER TYPE HORIZONTAL JOINT REINF. @ 16" O.C. W/ADJUSTABLE VENEER TIES
 8" LIGHTWEIGHT CMU BACK-UP
 DOUBLE ANGLE (LOOSE) STEEL LINTEL
 DOOR FRAME

4" BRICK (CLAY) VENEER
 4" RIGID INSULATION
 FLEXIBLE MEMBRANE FLASHING
 DRAINAGE MATERIAL
 WEEPS
 TWO-PIECE FLASHING (SEE DETAIL 6D, SHEET A-7)
 GALVANIZED DOUBLE ANGLE ("LOOSE") STEEL LINTEL
 SEALANT (BOTH SIDES)


4C PRE-CAST CONCRETE LINTEL
 A-1

4B STEEL ANGLE LINTEL
 A-1

SHORT SPAN LINTELS-DOOR OPENINGS

(3 OPTIONS FOR THE CMU BACK-UP)

DAILEY ENGINEERING, INC.
 8486 STEPHENSON ROAD
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 FAX # (517) 467-9010



the Masonry Institute of Michigan, Inc.
 GENERIC WALL DESIGN - HIGH R MULTI WYTHE (8" CMU W/ BRICK VENEER)

IN CHARGE:	
DRAWN:	M.W.F.
APPROVED:	
DATE:	05/03/2011
TITLE:	SHORT SPAN LINTEL DETAILS-DOORS
SHEET:	A-5

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