NOTE:
UNPROTECTED ALUMINUM DOOR AND WINDOW FRAMES CAN INTERACT WITH CEMENT-BASED MATERIALS AND INCUR DAMAGE. SEE PCA "MASTERY 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 REINFORCED O.C. W/ADJUSTABLE VENEER TIES
8" LIGHTWEIGHT CMU BACK-UP
1 1/4" x 1/8" CONT. TERMINATION BAR W/ SEALANT
LINTEL UNIT (W/ REINF. PER STRUCTURAL DESIGN) GROUTED SOLID
SEALANT
RECEPTOR FRAMING
HIGH EFFICIENCY ALUM. WINDOW FRAME

3A MASONRY LINTEL (PREFERED)
A-1

LADDER TYPE HORIZONTAL JOINT REINFORCED O.C. W/ADJUSTABLE VENEER TIES
4" RIGID INSULATION
4" BRICK (CLAY) VENEER
FLEXIBLE MEMBRANE FLASHING
2X6 TREATED WOOD NAILER
DRAINAGE MATERIAL
2 1/2" RIGID INSUL. (FIT TO SUPPORT FLASHING)
WEEPS
TWO-PIECE FLASHING (SEE DETAIL A-7)
GALVANIZED ANGLE ("LOOSE") STEEL LINTEL

3C PRE-CAST CONCRETE LINTEL
A-1

LADDER TYPE HORIZONTAL JOINT REINFORCED O.C. W/ADJUSTABLE VENEER TIES
4" RIGID INSULATION
4" BRICK (CLAY) VENEER
FLEXIBLE MEMBRANE FLASHING
2X6 TREATED WOOD NAILER
DRAINAGE MATERIAL
2 1/2" RIGID INSUL. (FIT TO SUPPORT FLASHING)
WEEPS
TWO-PIECE FLASHING (SEE DETAIL A-7)
GALVANIZED ANGLE ("LOOSE") STEEL LINTEL

3B STEEL ANGLE LINTEL
A-1

SHORT SPAN LINTELS - WINDOW OPENINGS - USING RECEPTORS
(3 OPTIONS FOR THE CMU BACK-UP)

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NOTE: MASONRY LINTEL MAY BE PRECAST OR FIELD ASSEMBLED

LADDER TYPE HORIZONTAL JOINT REINFORCED w/ADJUSTABLE VENEER TIES

4" RIGID INSULATION
4" BRICK (CLAY) VENEER
FLEXIBLE MEMBRANE FLASHING
DRAINAGE MATERIAL
RIGID INSULATION
WEEPS
TWO-PIECE FLASHING (SEE DETAIL 60, SHEET A-7)
GALVANIZED ANGLE ("LOOSE") STEEL LINTEL
SEALANT (BOTH SIDES)

LADDER TYPE HORIZONTAL JOINT REINFORCED w/ADJUSTABLE VENEER TIES

4" RIGID INSULATION
4" BRICK (CLAY) VENEER
FLEXIBLE MEMBRANE FLASHING
DRAINAGE MATERIAL
RIGID INSULATION
WEEPS
TWO-PIECE FLASHING (SEE DETAIL 60, SHEET A-7)
GALVANIZED ANGLE ("LOOSE") STEEL LINTEL
SEALANT (BOTH SIDES)

3A MASONRY LINTEL (PREFERED)

3A-1

3C PRE-CAST CONCRETE LINTEL

4" RIGID INSULATION
4" BRICK (CLAY) VENEER
FLEXIBLE MEMBRANE FLASHING
DRAINAGE MATERIAL
RIGID INSULATION
WEEPS
TWO-PIECE FLASHING (SEE DETAIL 60, SHEET A-7)
GALVANIZED ANGLE ("LOOSE") STEEL LINTEL
SEALANT (BOTH SIDES)

3B STEEL ANGLE LINTEL

3B-1

SHORT SPAN LINTELS - WINDOW OPENINGS - USING STRAP ANCHORS

(3 OPTIONS FOR THE CMU BACK-UP)

NOTE: UNPROTECTED ALUMINUM DOOR AND WINDOW FRAMES CAN INTERACT WITH CEMENT-BASED MATERIALS AND INFLICT DAMAGE. SEE PCA "MASONRY TODAY" VOLUME II, NO. 1 FOR RECOMMENDATIONS.
www.cement.org/masonry/cc_al_frames.asp
NOTE: MASONRY UNTEL MAY BE PRECAST OR FIELD ASSEMBLED

LADDER TYPE HORIZONTAL JOIN 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

MASONRY Lintel (Preferred)

1 1/4" x 1/8" CONT. TERMINATION BAR W/ SEALANT
8" LIGHTWEIGHT CMU BACK-UP
LADDER TYPE HORIZONTAL JOIN REINF. @ 16" O.C. W/ADJUSTABLE VENEER TIES

DOOR FRAME

4A

4B

STEEL ANGLE Lintel

4" BRICK (CLAY) VENEER
4" RIGID INSULATION
FLEXIBLE MEMBRANE FLASHING
RAINDRIVE MATERIAL
WEEPS
2-PART FLASHING (SEE DETAIL 60, SHEET A-7)

4" BRICK (CLAY) VENEER
4" RIGID INSULATION
FLEXIBLE MEMBRANE FLASHING
RAINDRIVE MATERIAL
WEEPS
2-PART FLASHING (SEE DETAIL 60, SHEET A-7)

GALVANIZED DOUBLE ANGLE (LOOSE) STEEL Lintel
SEALANT (BOTH SIDES)

GALVANIZED DOUBLE ANGLE (LOOSE) STEEL Lintel
SEALANT (BOTH SIDES)

4" BRICK (CLAY) VENEER
4" RIGID INSULATION
FLEXIBLE MEMBRANE FLASHING
RAINDRIVE MATERIAL
WEEPS
2-PART FLASHING (SEE DETAIL 60, SHEET A-7)

GALVANIZED DOUBLE ANGLE (LOOSE) STEEL Lintel
SEALANT (BOTH SIDES)

4" BRICK (CLAY) VENEER
4" RIGID INSULATION
FLEXIBLE MEMBRANE FLASHING
RAINDRIVE MATERIAL
WEEPS
2-PART FLASHING (SEE DETAIL 60, SHEET A-7)

GALVANIZED DOUBLE ANGLE (LOOSE) STEEL Lintel
SEALANT (BOTH SIDES)

SHORT SPAN Lintels—DoOr OPENINGS

(3 OPTIONS FOR THE CMU BACK-UP)

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