

INVELOPE VERTICAL BACK-UP

16 GA. STUDS @
36" O.C. MAXIMUM

ALUMINUM VERTICAL
CLIP ANGLE
SUPPORT AT EACH
VERTICAL PANEL
JOINT

CONT. ALUM.
ANGLE SUPPORT AT
EACH HORIZONTAL
RAIL

HORIZONTAL TILE
SUPPORT RAIL

BUTYL SEALANT OR
SRAB TAPE AT
EACH FASTENER

VERTICAL
INVELOPE PANEL

4" WIDE BACK-UP
FLASH WITH BUTYL
SEALANT

1/2" ϕ BEAD OF
NON-CURING
BUTYL
SEALANT

BACK-UP PLATE
STIFFENER NOTCHED
AROUND STUDS

AIR/VAPOR
BARRIER

STUD ALIGNMENT AT EACH
PANEL JOINT 32" O.C. MAX.
ADDITIONAL STUDS REQUIRED
FOR DRY WALL SUPPORT

DOUBLE
ALUM. ANGLE SUPPORT

ALPHATON Terra Cotta Tile over
INVELOPE Insulated Metal Panel

Horizontal Panel Joint @ Vertical Panel
Panel Stack Joint With Continuous Angle

May 09

INVELOPE VERTICAL BACK-UP

8" LONG ALUM. CLIP
ANGLE SUPPORT AT EACH
VERTICAL PANEL JOINT

HORIZONTAL TILE
SUPPORT RAIL

VERTICAL
INVELOPE INSULATED
BACK-UP PANEL

FIRE SAFING AT
FLOOR SLAB
BY OTHERS

CONT ALUM. VERTICAL
ANGLE RAIL SUPPORT AT
EACH VERTICAL PANEL
JOINT

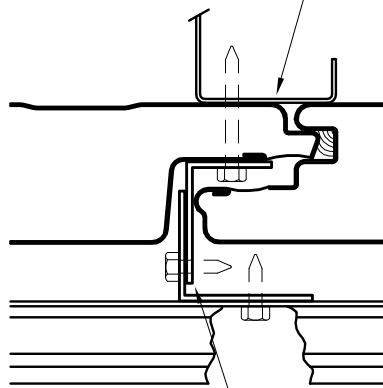
AIR/VAPOR
BARRIER

STUD ALIGNMENT AT EACH
PANEL JOINT 32" O.C. MAX.
ADDITIONAL STUDS REQUIRED
FOR DRY WALL SUPPORT

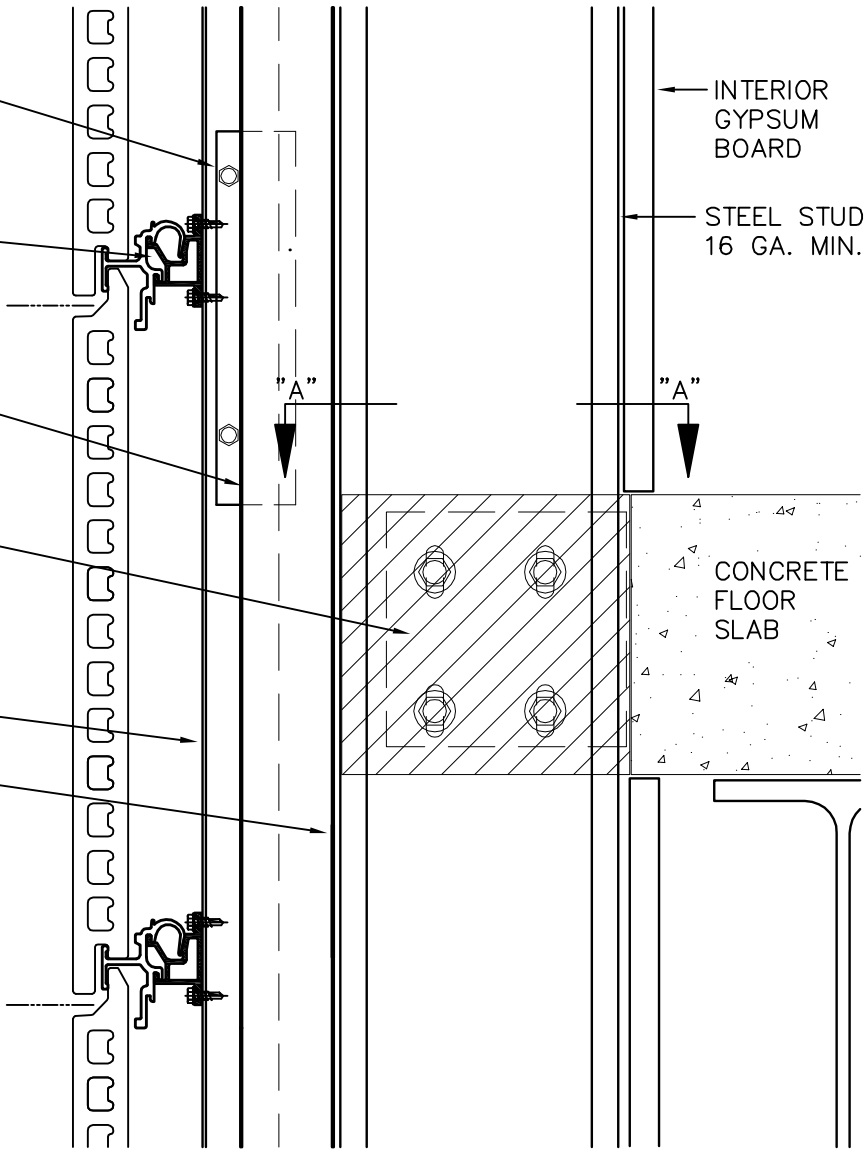
← INTERIOR
GYPSUM
BOARD

← STEEL STUD
16 GA. MIN.

← CONCRETE
FLOOR
SLAB



DOUBLE
ALUM ANGLE SUPPORT



2"

STUD SUPPORT CLIP
WITH VERTICAL SLOTS.
CENTER FASTENERS IN
THE SLOT, USE METAL
WASHERS AT SLOTS.

STEEL STUD
16 GA. MIN.

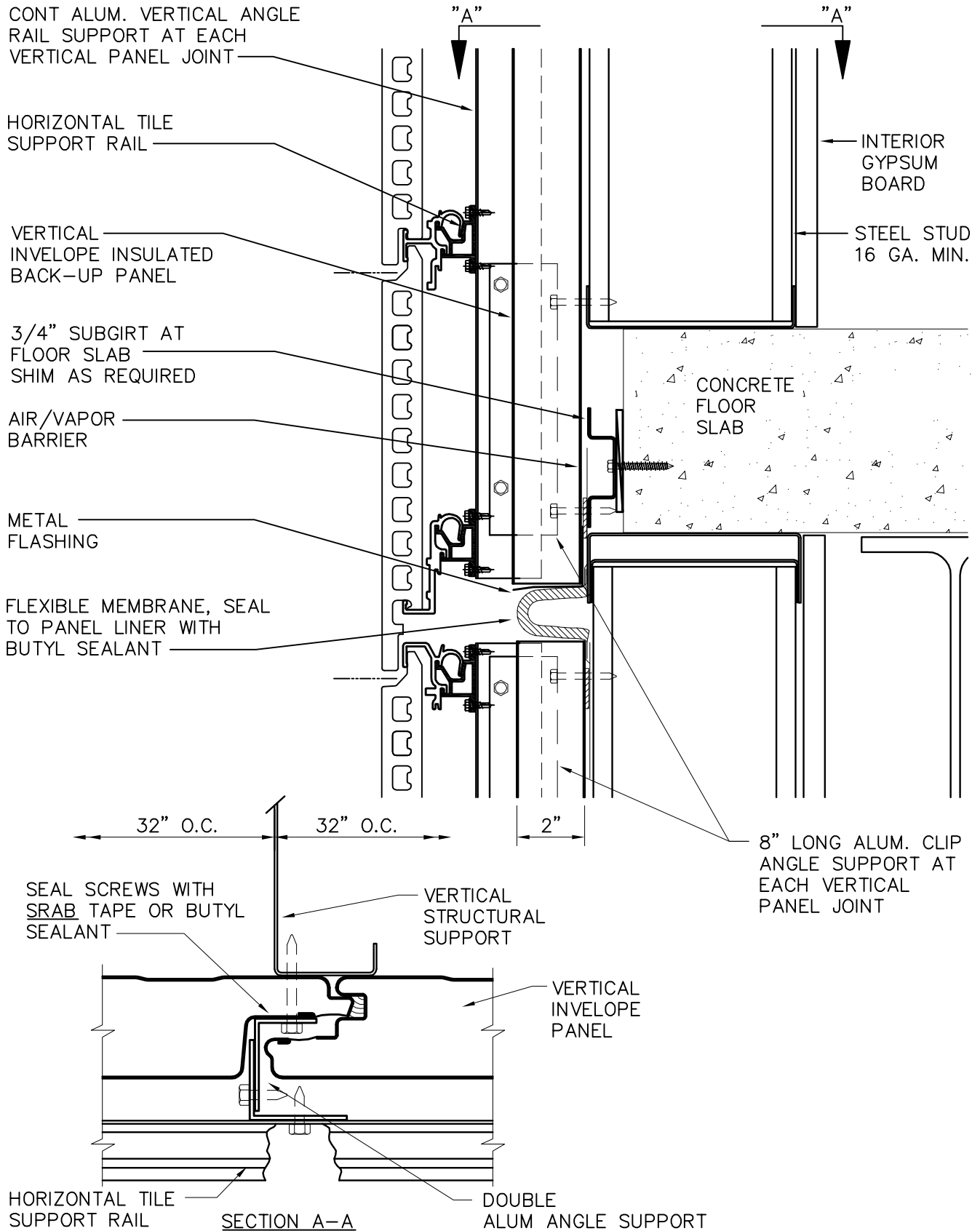
ANCHOR

SECTION A-A

ALPHATON Terra Cotta Tile over
INVELOPE Insulated Metal Panel

Supports Extending Past Floor Slab

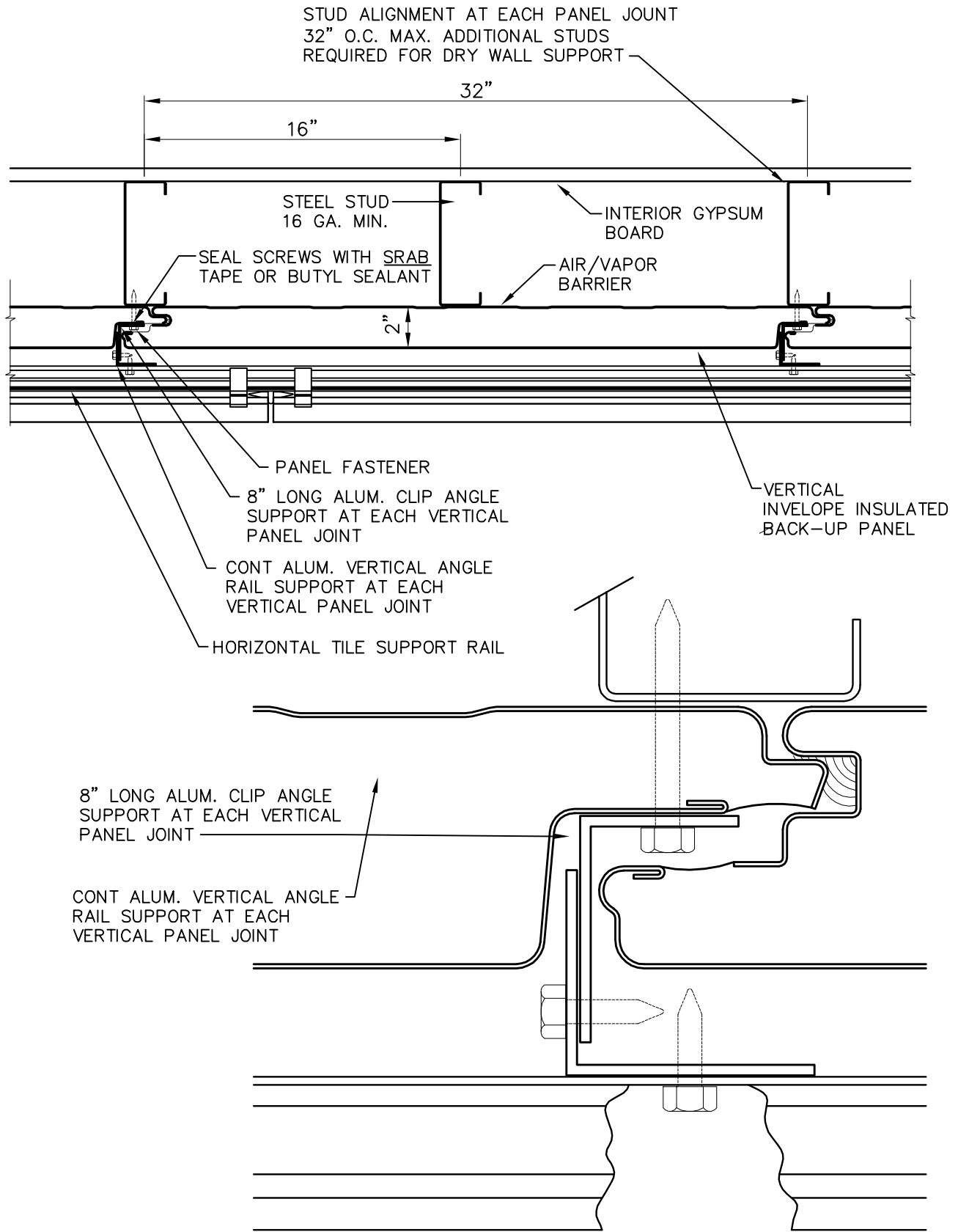
INVELOPE VERTICAL BACK-UP



ALPHATON Terra Cotta Tile over
INVELOPE Insulated Metal Panel

Deflection Joint
Vertical Invelope Panel

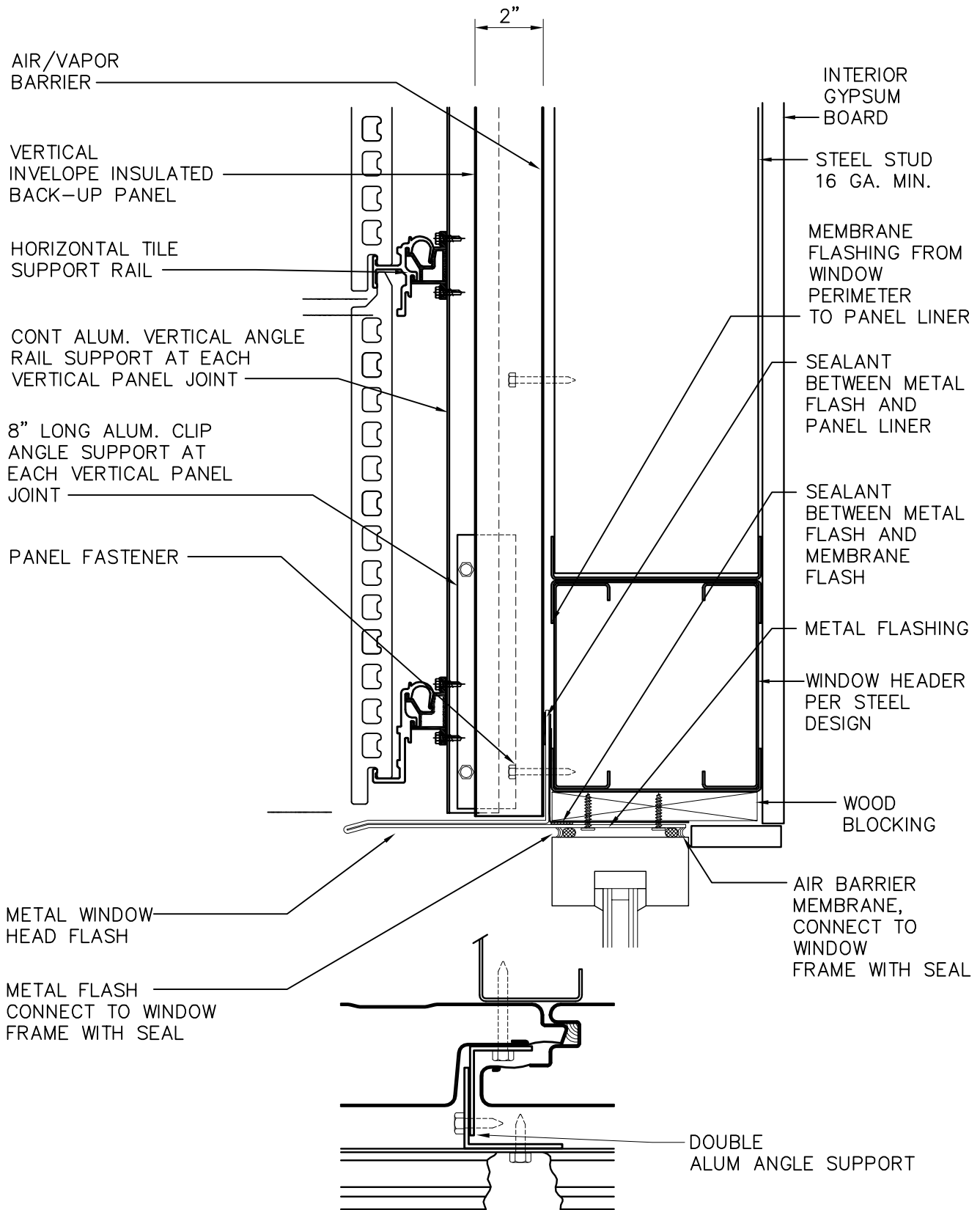
INVELOPE VERTICAL BACK-UP



ALPHATON Terra Cotta Tile over
INVELOPE Insulated Metal Panel

Vertical Panel Joint

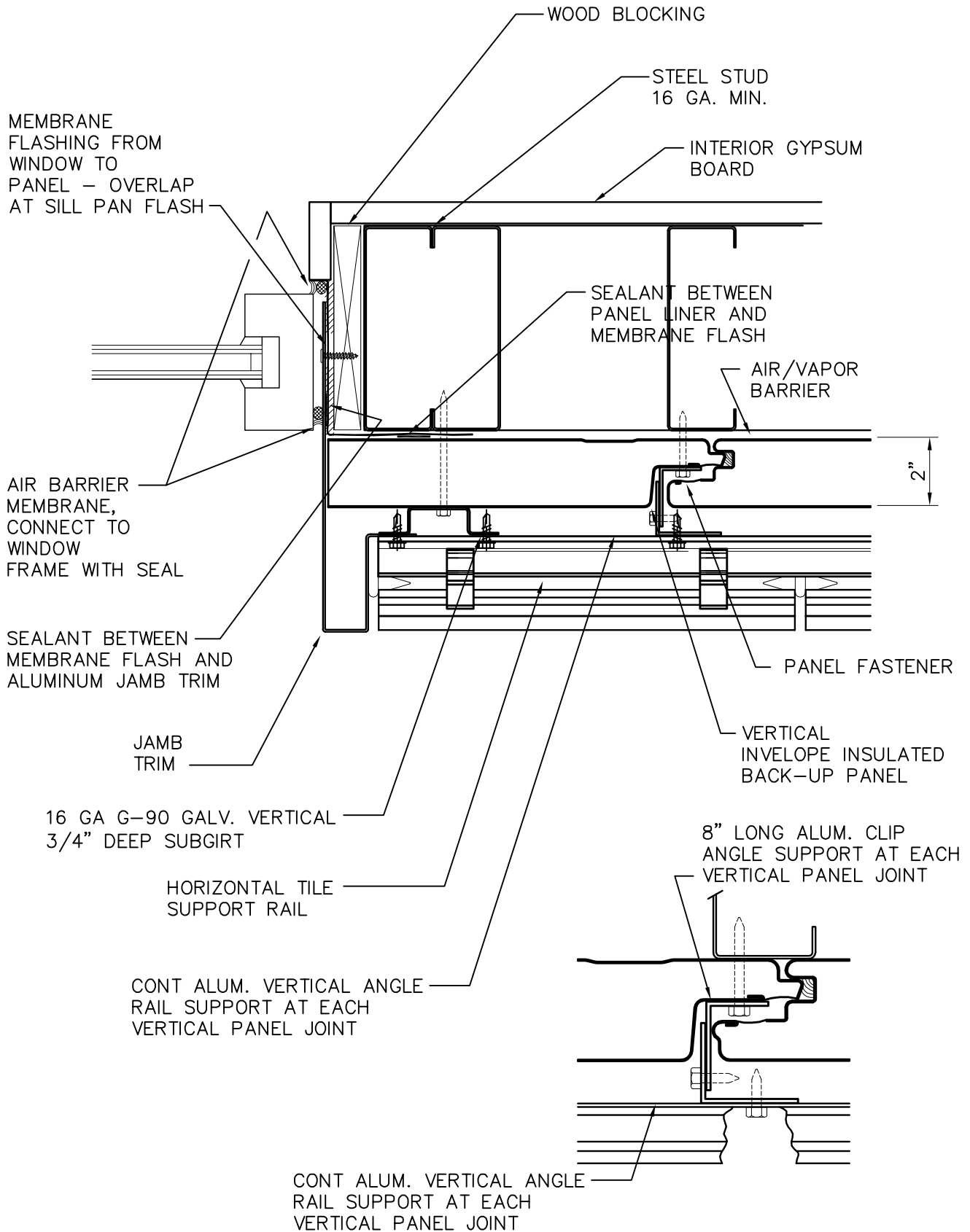
INVELOPE VERTICAL BACK-UP



ALPHATON Terra Cotta Tile over
INVELOPE Insulated Metal Panel

Window Head

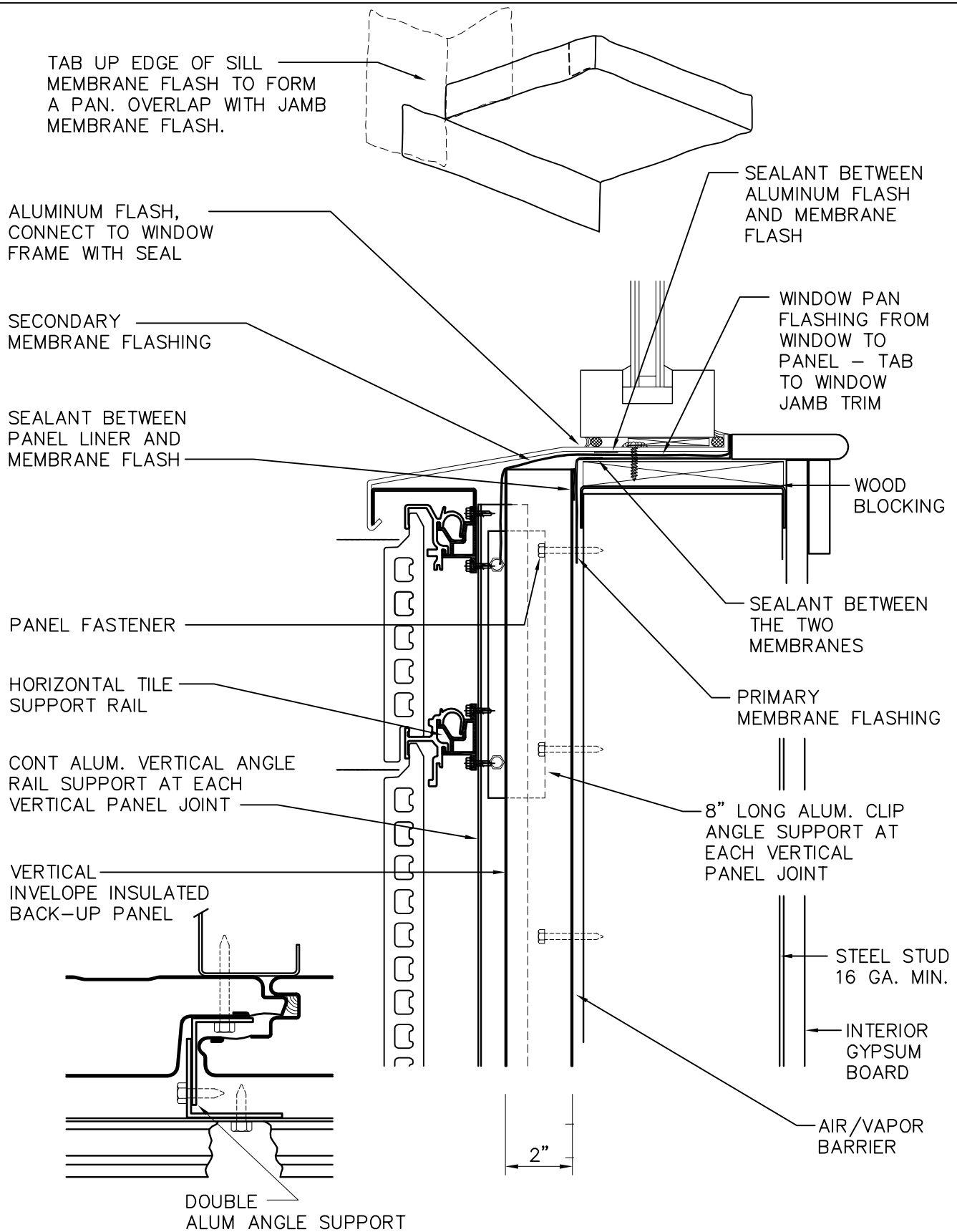
INVELOPE VERTICAL BACK-UP



ALPHATON Terra Cotta Tile over
INVELOPE Insulated Metal Panel

Window Jamb

INVELOPE VERTICAL BACK-UP



ALPHATON Terra Cotta Tile over
INVELOPE Insulated Metal Panel

Window Sill