DOWNLOAD

Vi5.

Cross-sections

Typical sections through the Vi5 series: fixed and operable windows, mullions and midrail, glazing bars, the nailing fin, corner posts, and the in-swing terrace door. Details are drawn at the same scale, half full size, unless the sheet says otherwise.

READING THE SHEETS

Scale	Print at 100% on Letter. Do not fit to page.
Units	Dimensions in inches.
Steel	Zinc-coated steel reinforcement is shown hatched.
Issued	October 2026. Supersedes the September 2026 issue.

IN THIS SET

01	**Vi5 fixed window**	Head, sill and jamb
02	**Vi5 operable window**	Head, sill and jamb
03	**Vi5 window**	Midrail, fixed over operable
04	**Vi5 operable window**	Jamb at a vertical mullion
05	**Vi5 fixed window**	Mullion, fixed to fixed
06	**Vi5 fixed window**	Wide mullion, fixed to fixed
07	**Vi5 fixed window**	Horizontal mullion, fixed over fixed
08	**Vi5 fixed window**	Reinforced mullion, fixed to fixed
09	**Vi5 window**	Mullion, operable to fixed
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11	**Vi5 windows and doors**	Glazing bars
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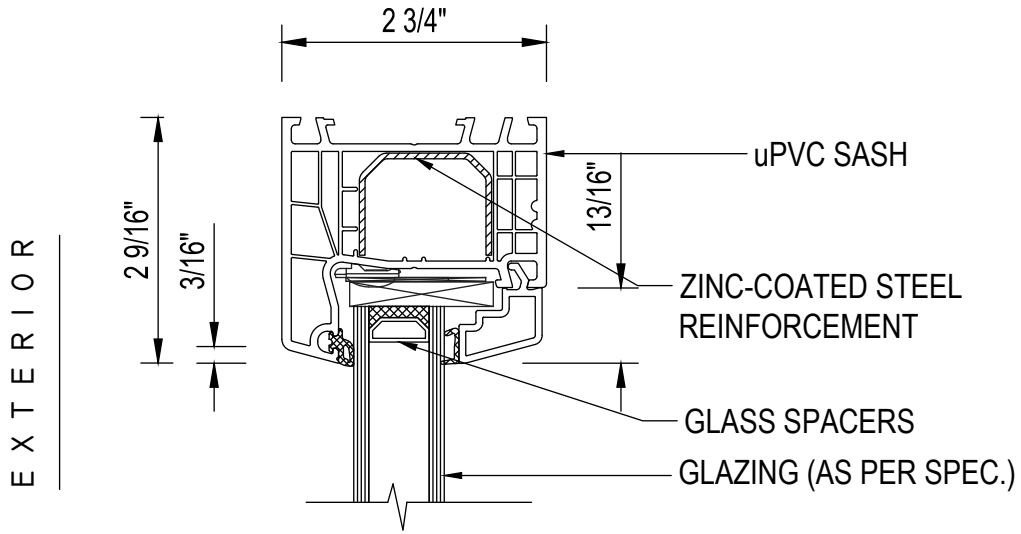
15	**Vi5 terrace door**	Head
16	**Vi5 terrace door**	Standard sill
17	**Vi5 terrace door**	Reinforced mullion, door to window
18	**Vi5 terrace door**	Jamb at the hinge
19	**Vi5 terrace door**	Jamb at the lock



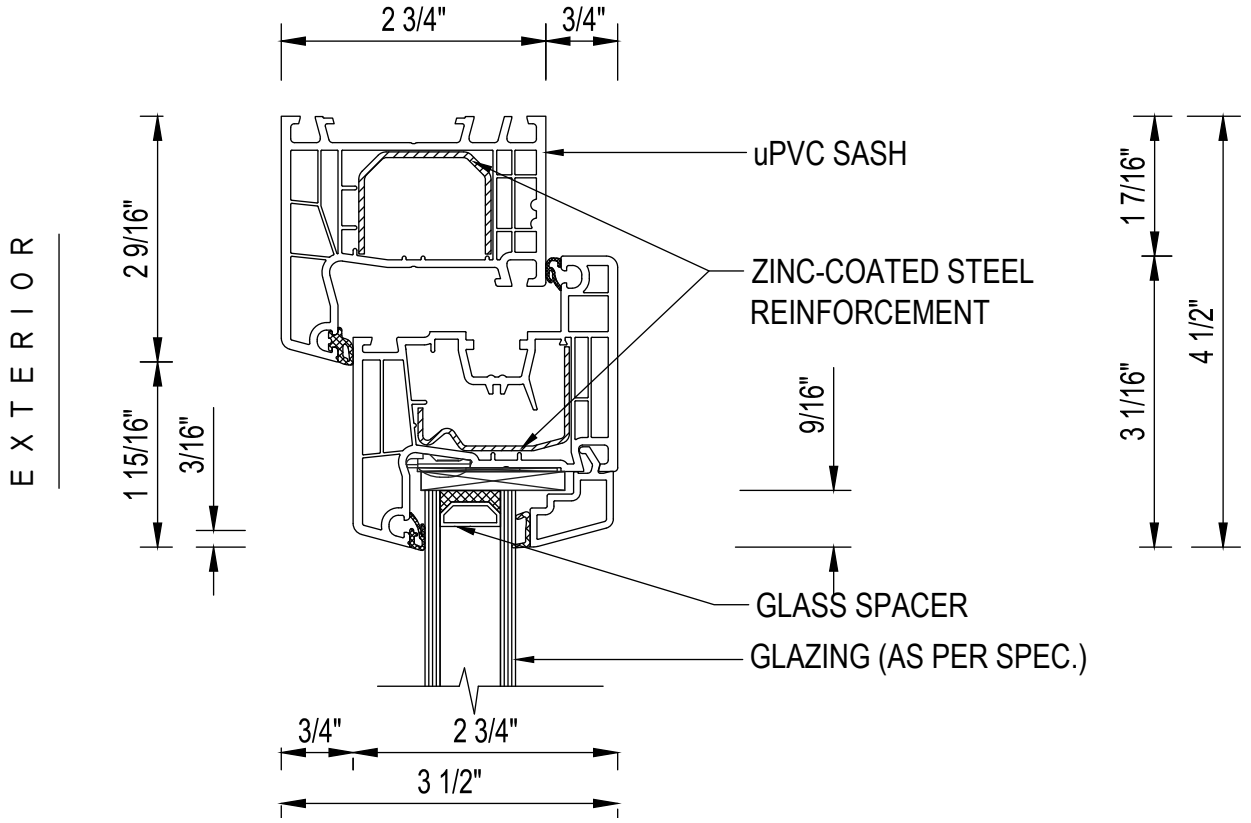
VI5 FIXED WINDOW

Head, sill and jamb

SCALE

6" = 1'-0" · half full size

Fixed frame. The head, the sill and the jambs are the same section.



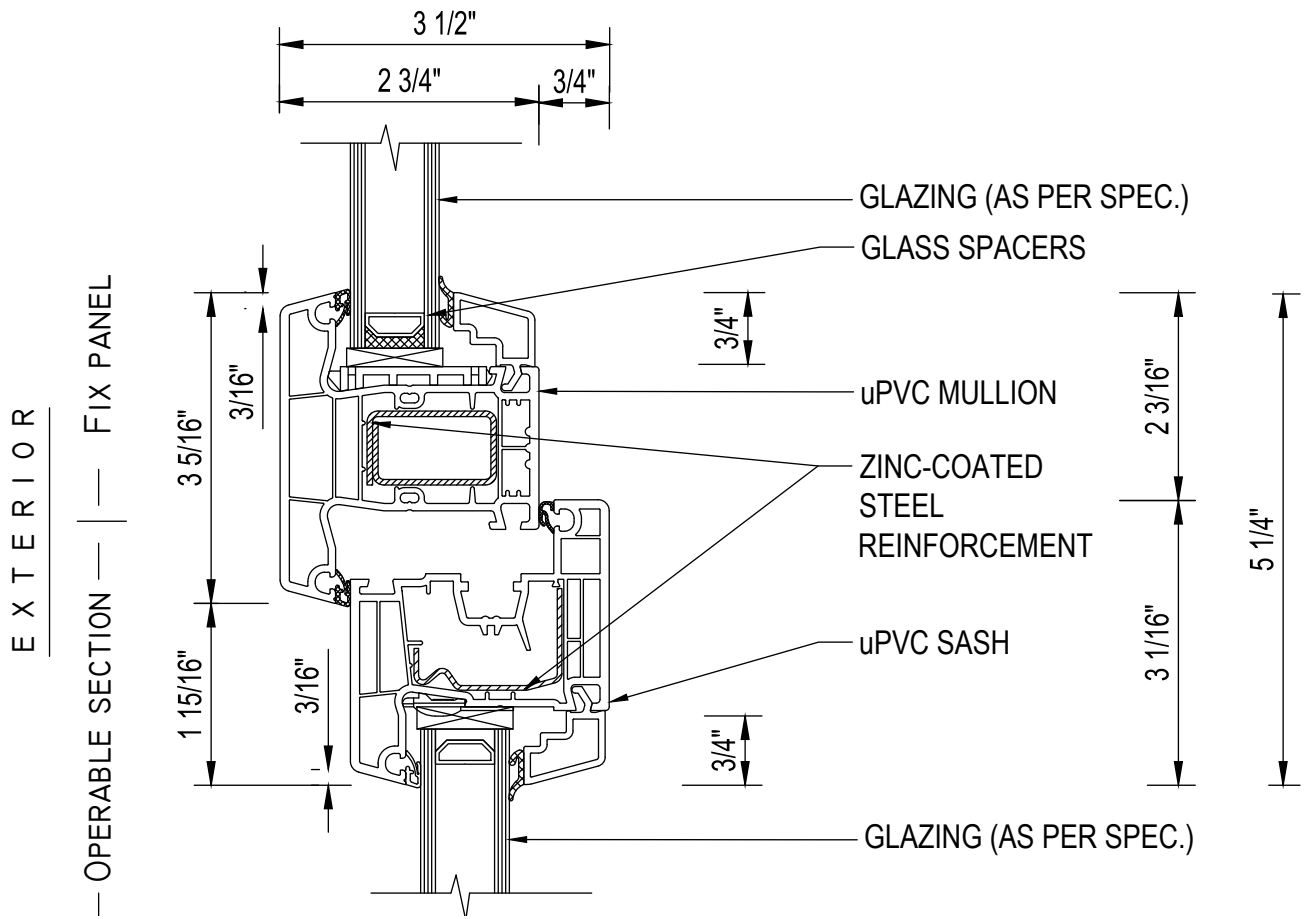
VI5 OPERABLE WINDOW

Head, sill and jamb

SCALE

6" = 1'-0" · half full size

Frame and in-swing sash. The head, the sill and the jambs are the same section.



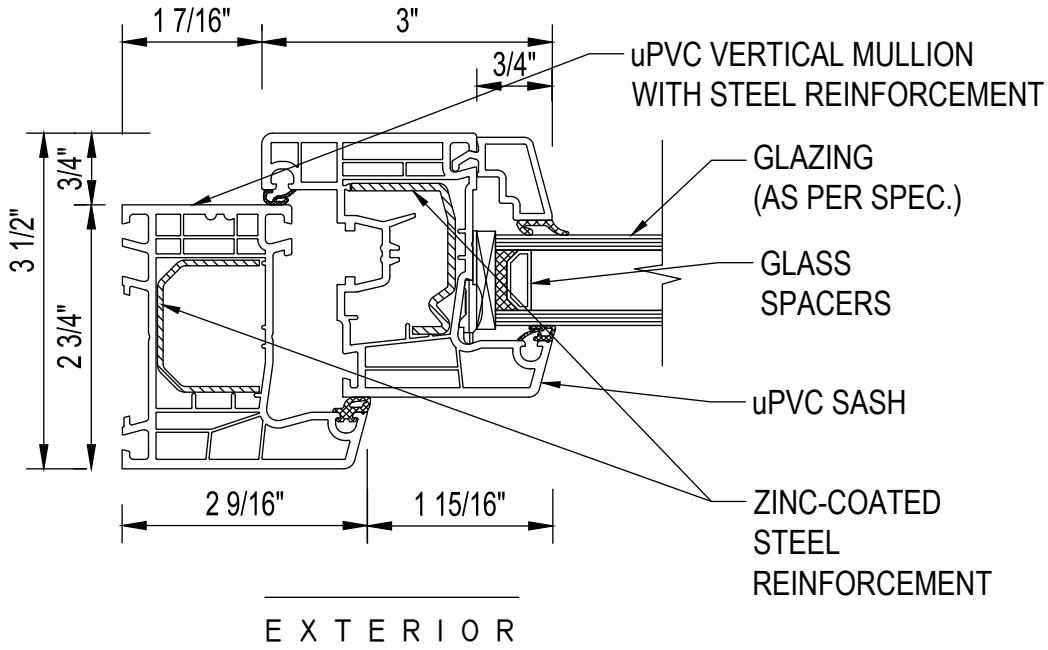
VI5 WINDOW

Midrail, fixed over operable

SCALE

6" = 1'-0" · half full size

Vertical section. Fixed light above, in-swing sash below, joined by a reinforced mullion.



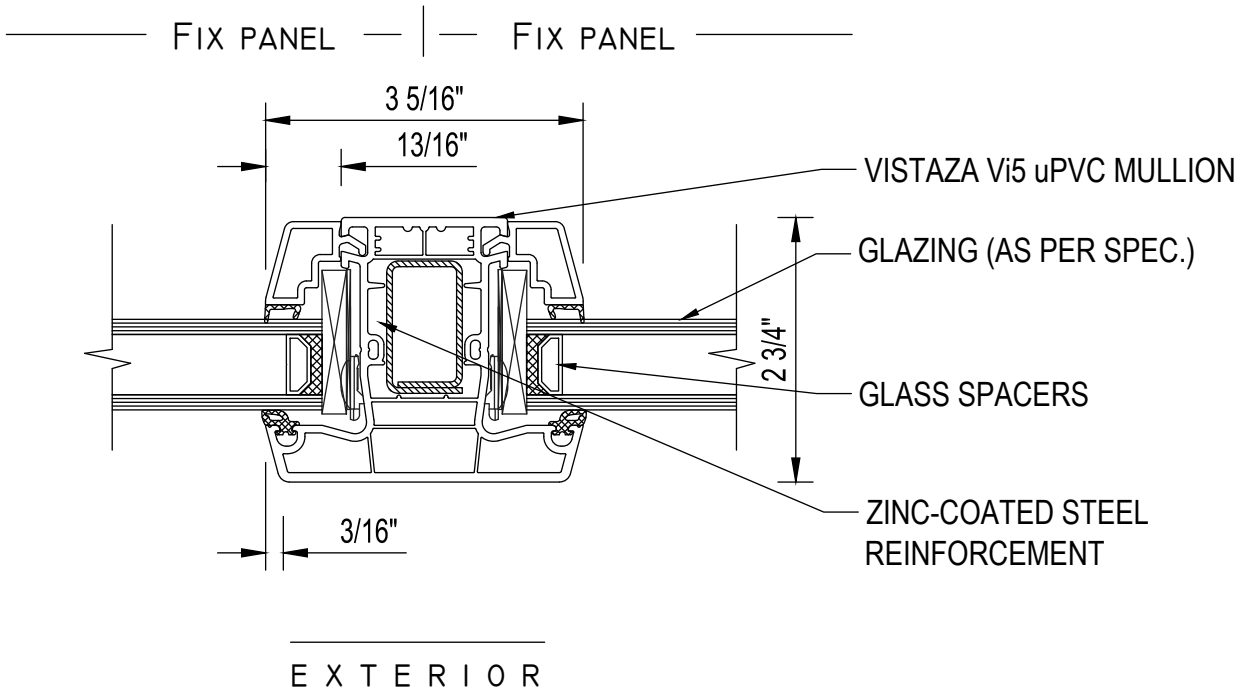
VI5 OPERABLE WINDOW

Jamb at a vertical mullion

SCALE

6" = 1'-0" · half full size

Horizontal section. In-swing sash closing on a reinforced vertical mullion.



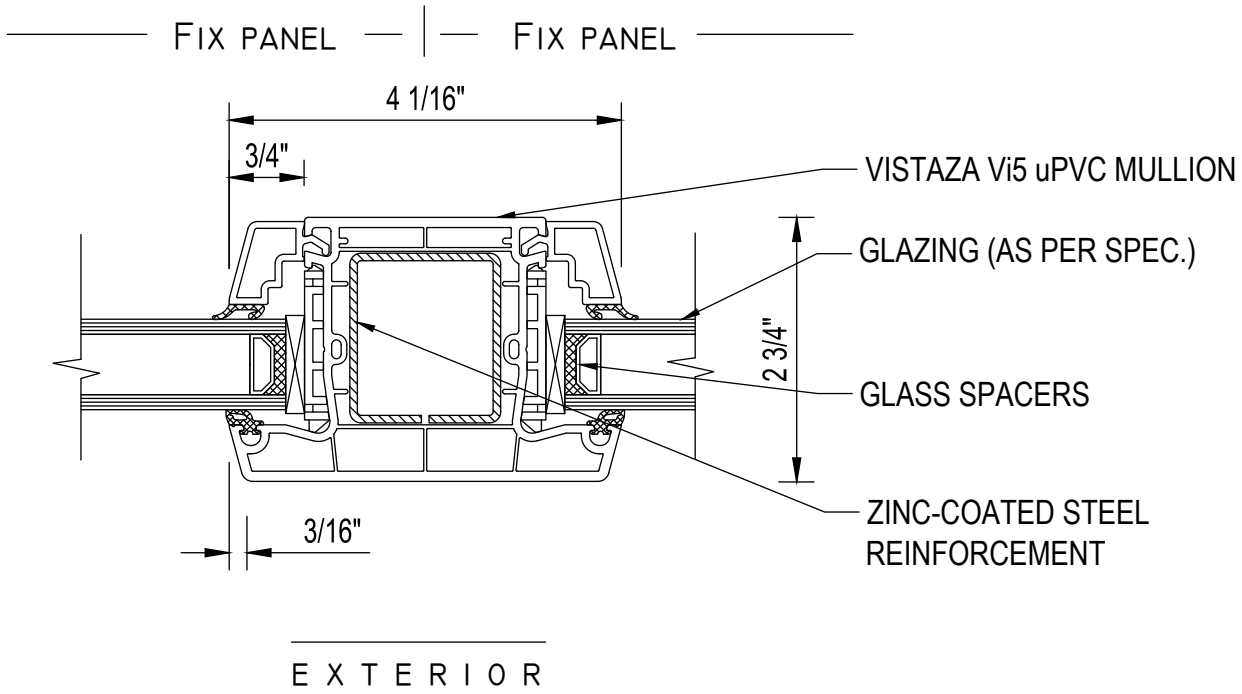
VI5 FIXED WINDOW

Mullion, fixed to fixed

SCALE

6" = 1'-0" · half full size

Horizontal section. Two fixed lights on one reinforced mullion.



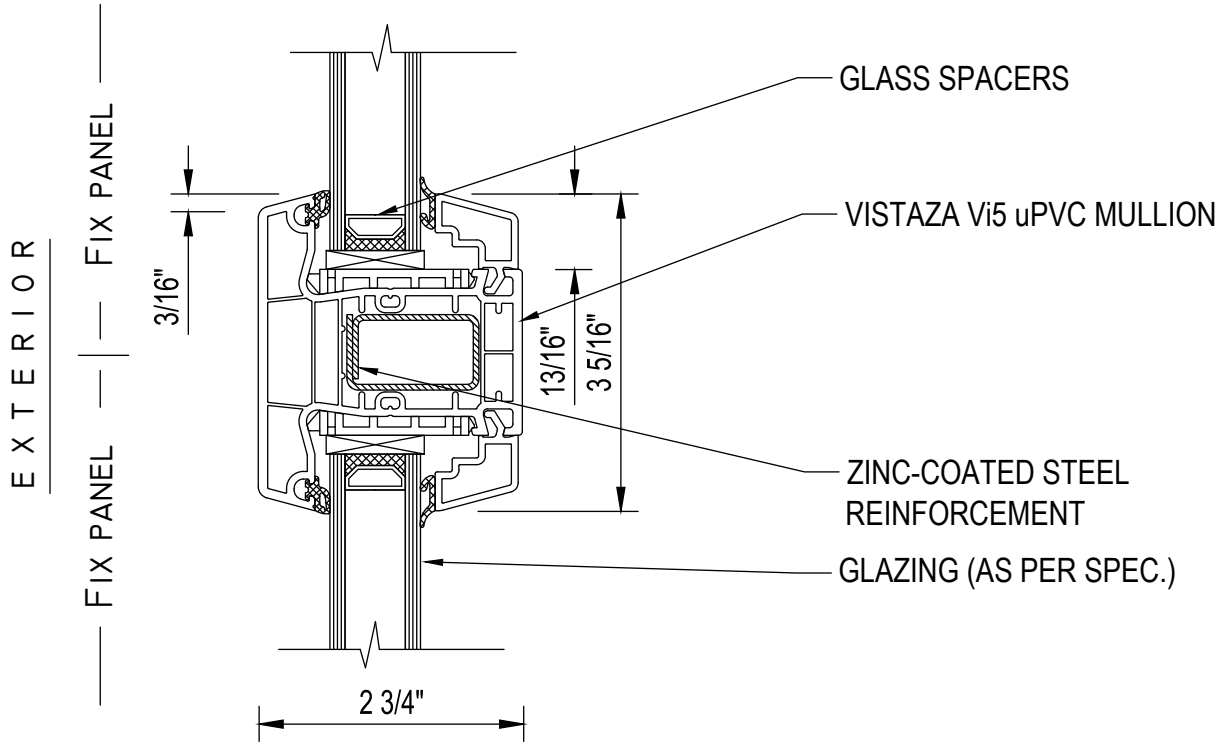
VI5 FIXED WINDOW

Wide mullion, fixed to fixed

SCALE

6" = 1'-0" · half full size

Horizontal section. Two fixed lights on the wide reinforced mullion.



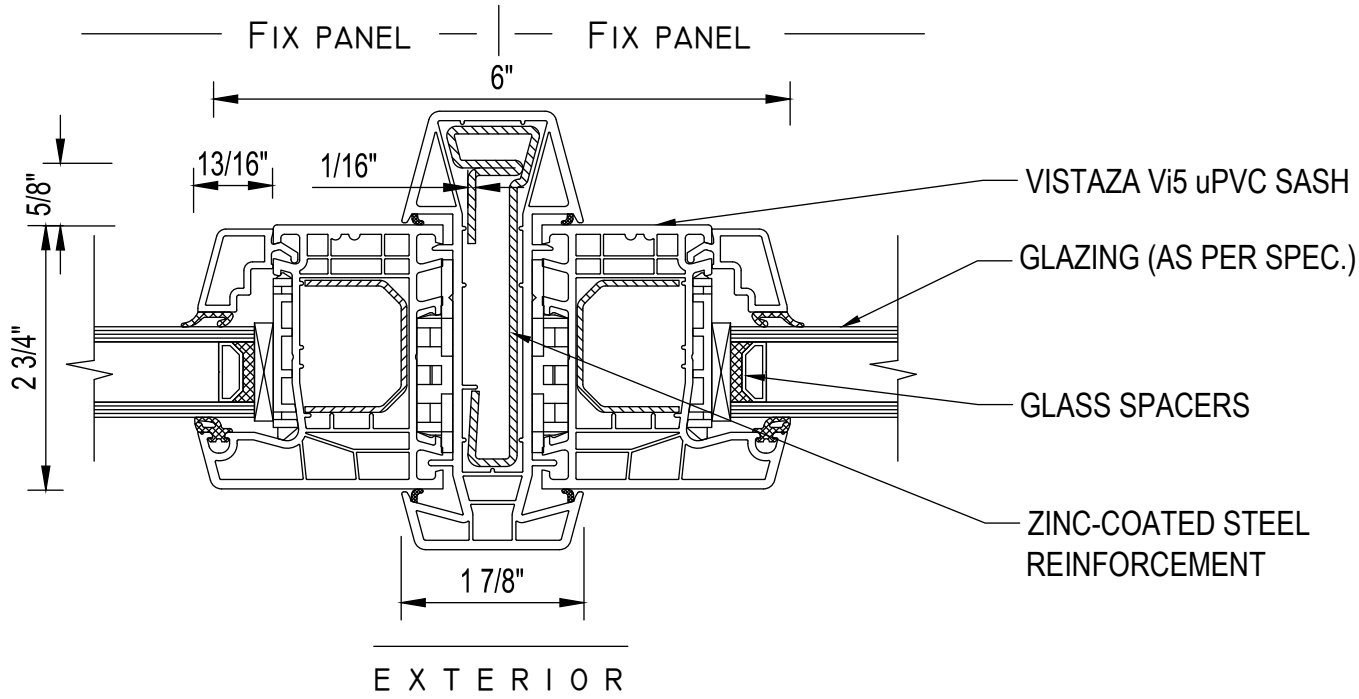
VI5 FIXED WINDOW

Horizontal mullion, fixed over fixed

SCALE

6" = 1'-0" · half full size

Vertical section. Two fixed lights, one above the other, on a reinforced mullion.



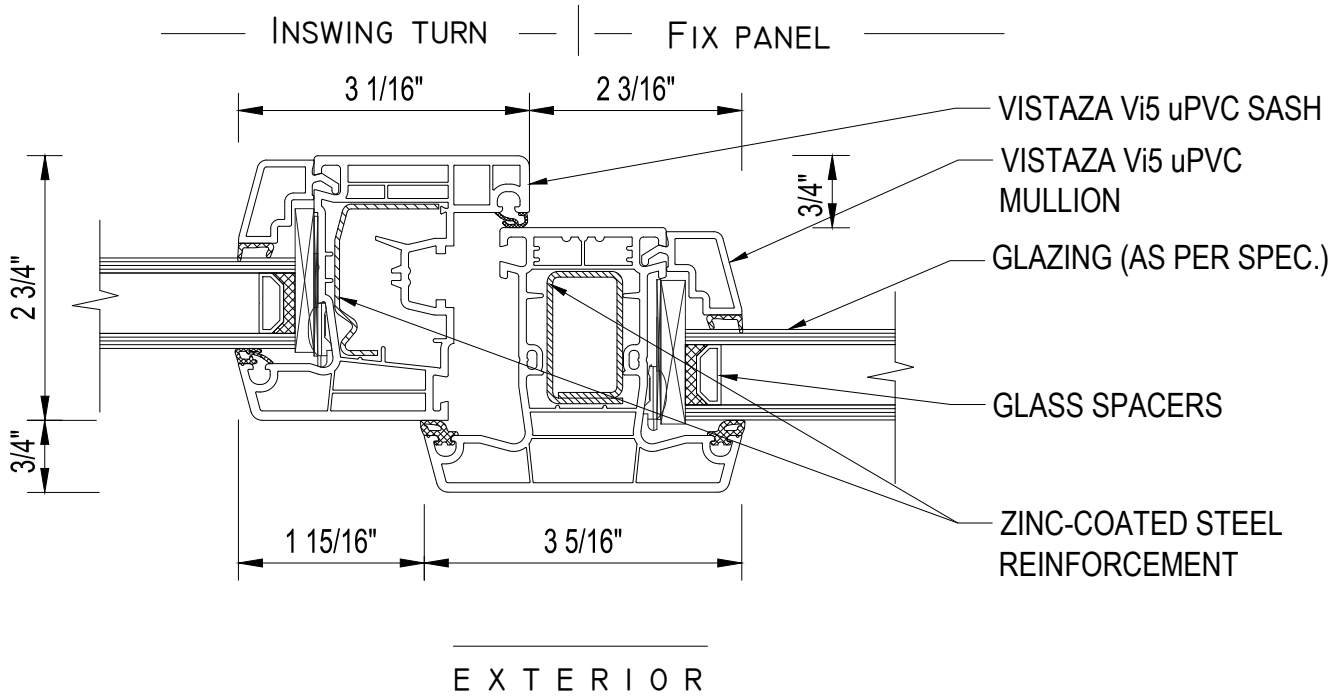
VI5 FIXED WINDOW

Reinforced mullion, fixed to fixed

SCALE

6" = 1'-0" · half full size

Horizontal section. Two fixed frames coupled on a reinforced vertical mullion.



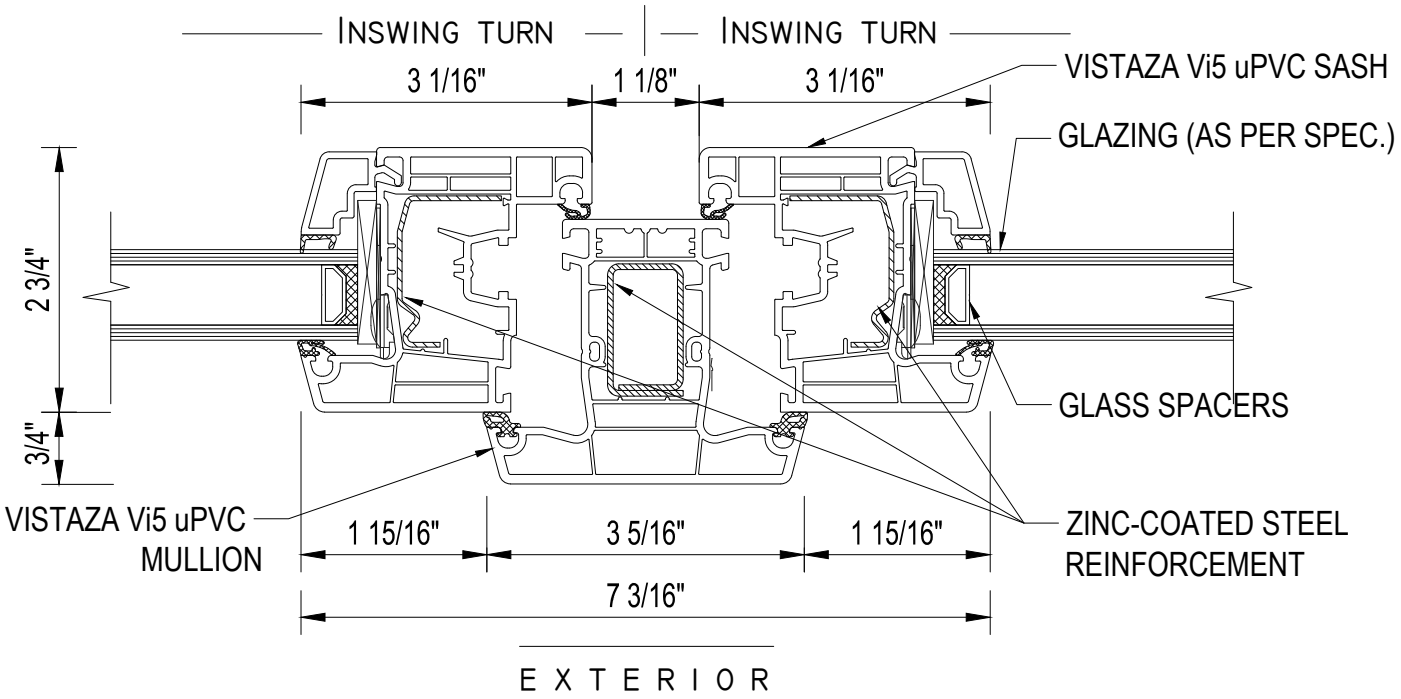
VI5 WINDOW

Mullion, operable to fixed

SCALE

6" = 1'-0" · half full size

Horizontal section. In-swing sash at the left, fixed light at the right.



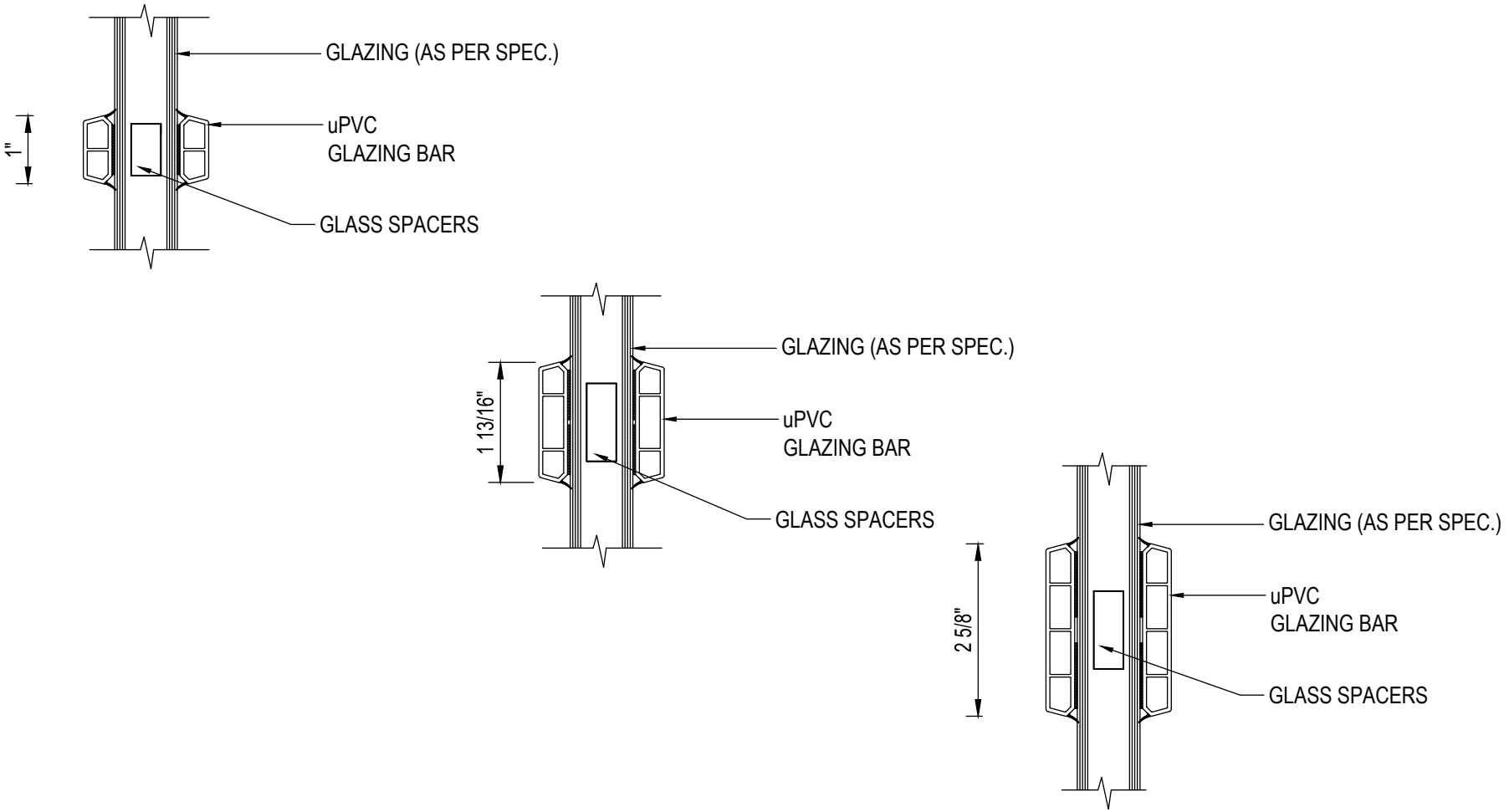
VI5 OPERABLE WINDOW

Mullion, operable to operable

SCALE

6" = 1'-0" · half full size

Horizontal section. Two in-swing sashes on one reinforced mullion.



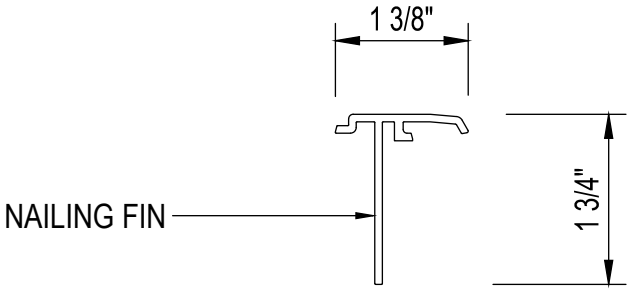
V15 WINDOWS AND DOORS

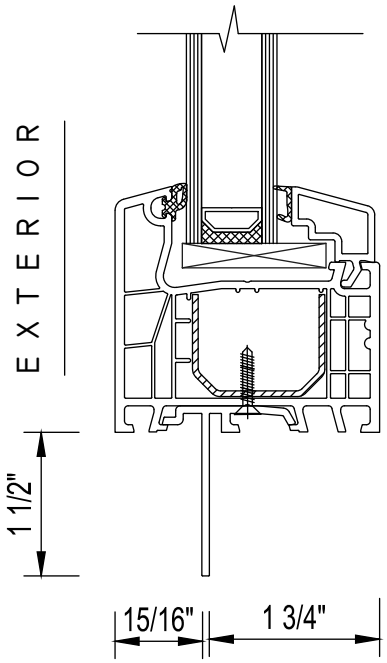
Glazing bars

SCALE

4" = 1'-0" · one third full size

Vertical section. Three bar heights, bonded to both faces of the glass with a spacer bar between.





EXAMPLE: NAILING FIN W/FIXED PANEL

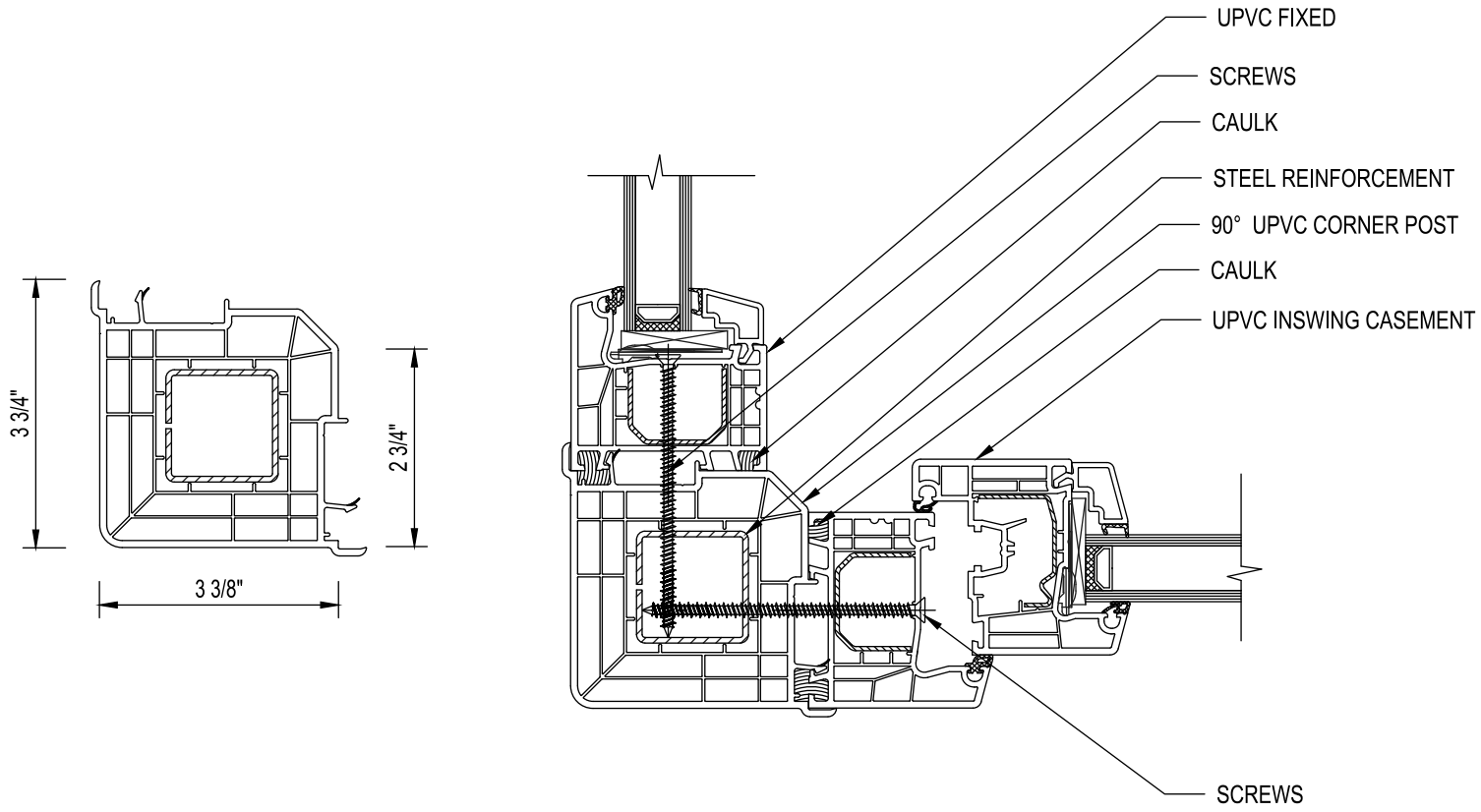
V15 WINDOW

Nailing fin

SCALE

6" = 1'-0" · half full size

Vertical section. The fin alone, and fitted to a fixed frame.



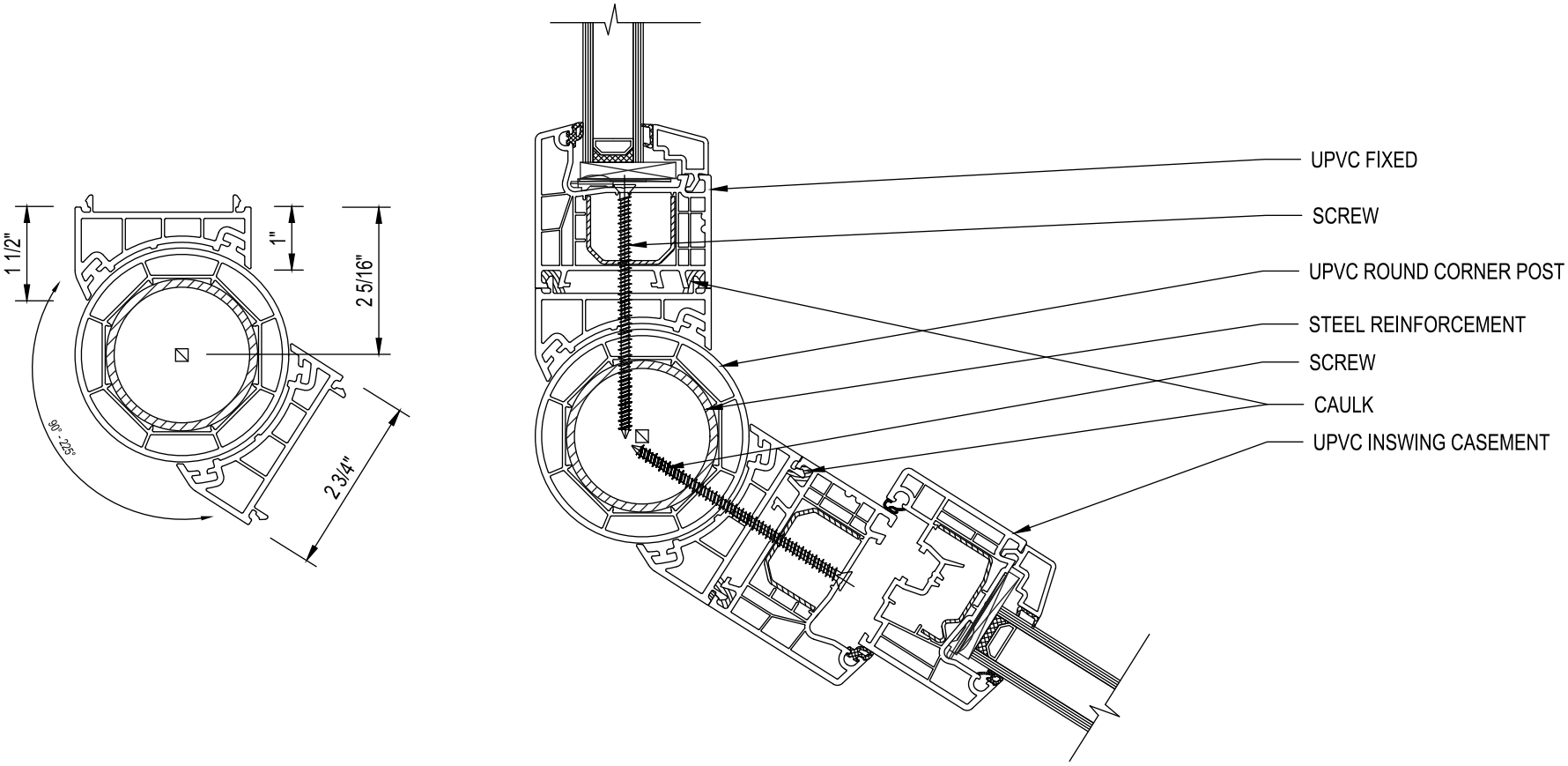
V15 CORNER

Corner post at 90 degrees

SCALE

Not to scale

Horizontal section. The post alone, and joining a fixed light to an in-swing casement.



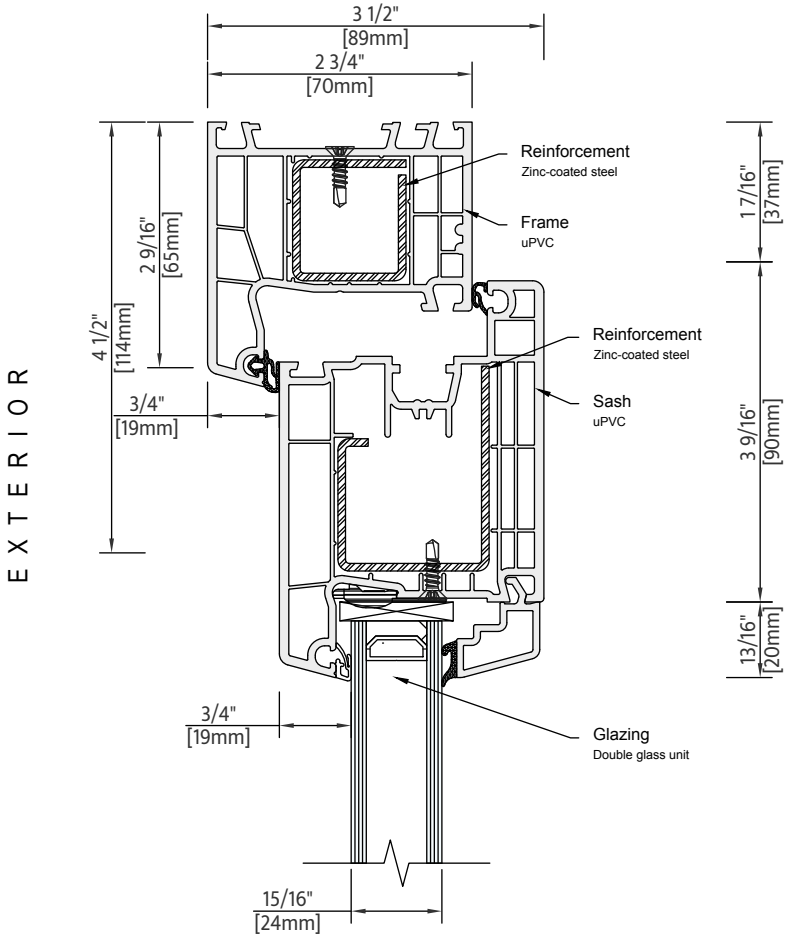
VI5 CORNER

Adjustable corner post

SCALE

Not to scale

Horizontal section. Round post for 90 to 225 degrees, alone and joining a fixed light to a casement.



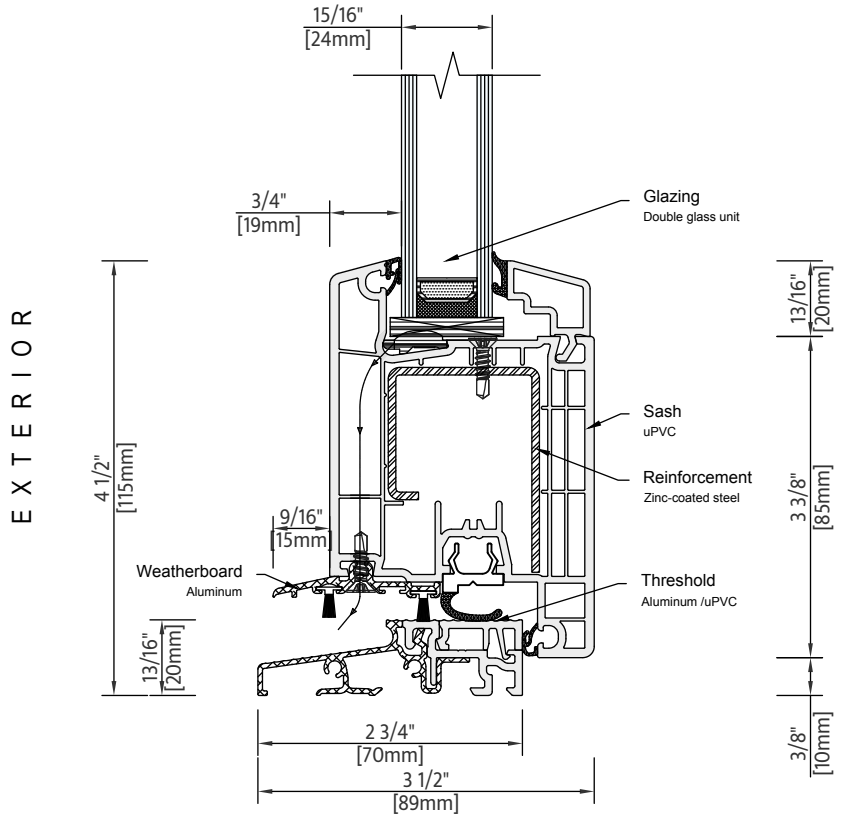
VI5 TERRACE DOOR

Head

SCALE

6" = 1'-0" · half full size

Vertical section. Frame and door sash at the head.



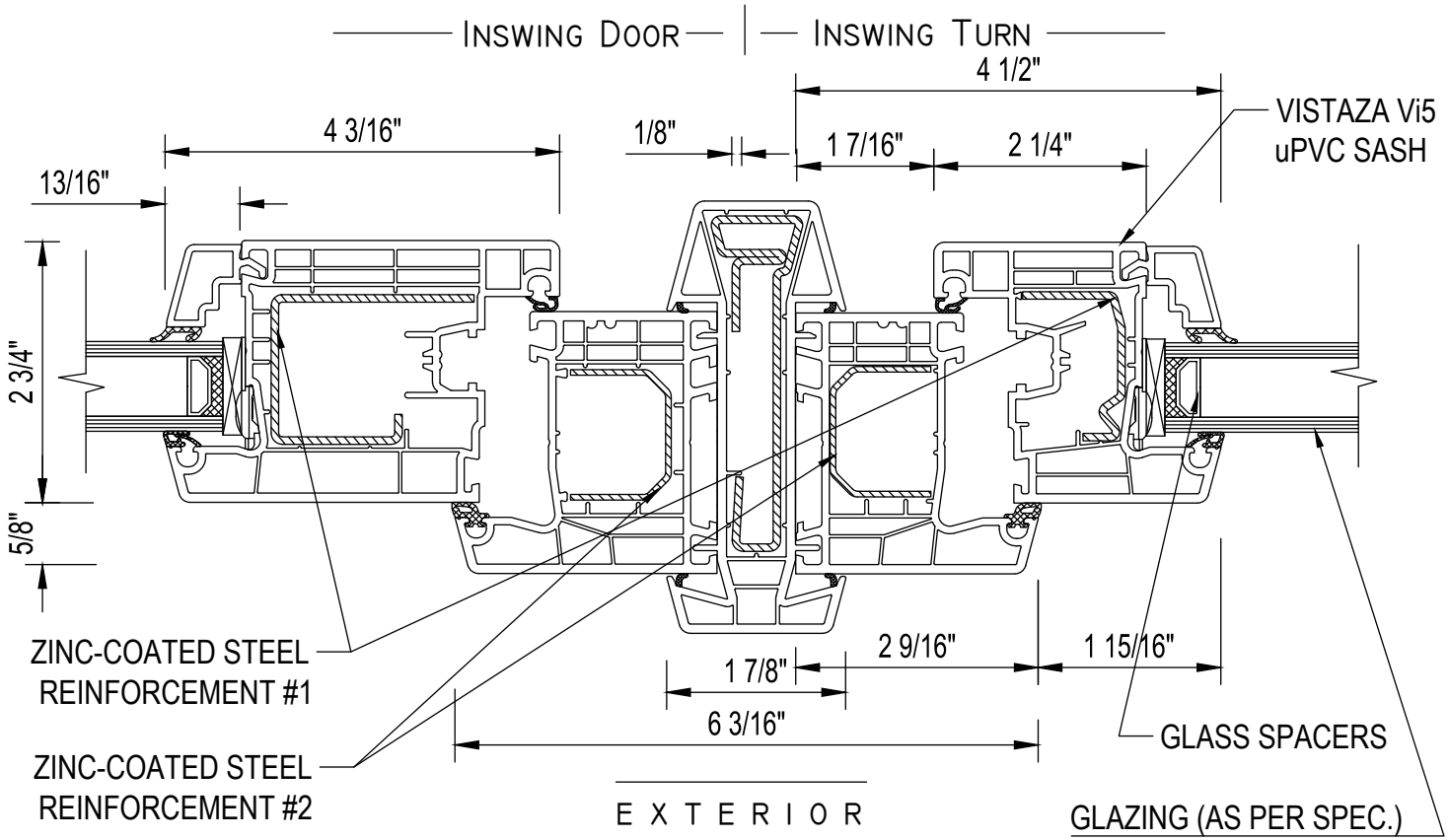
VI5 TERRACE DOOR

Standard sill

SCALE

6" = 1'-0" · half full size

Vertical section. Door sash on the aluminum and uPVC threshold, aluminum weatherboard outside.



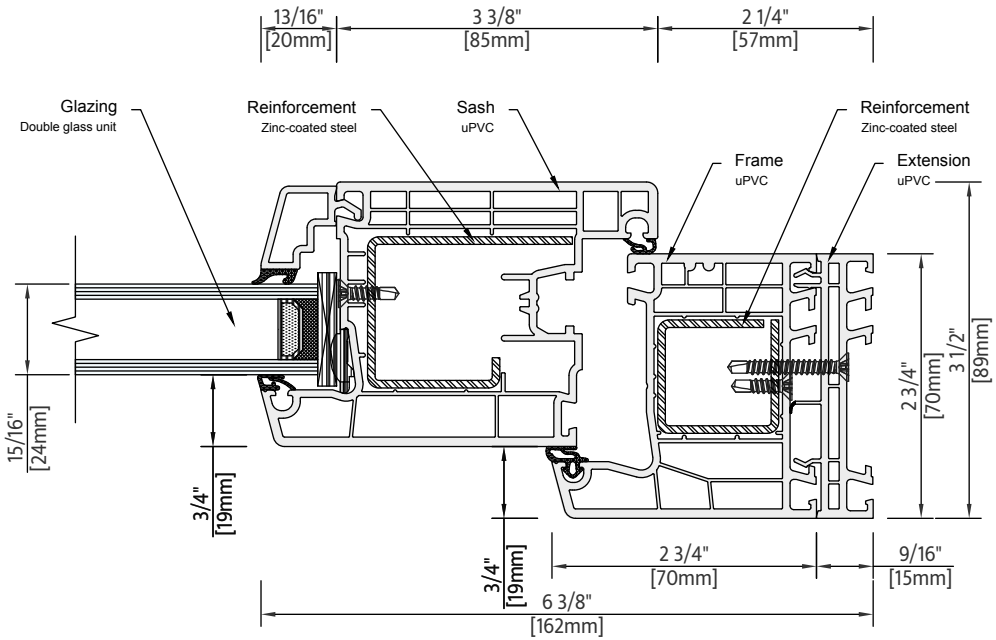
VI5 TERRACE DOOR

Reinforced mullion, door to window

SCALE

6" = 1'-0" · half full size

Horizontal section. In-swing door at the left, in-swing window at the right.



EXTERIOR

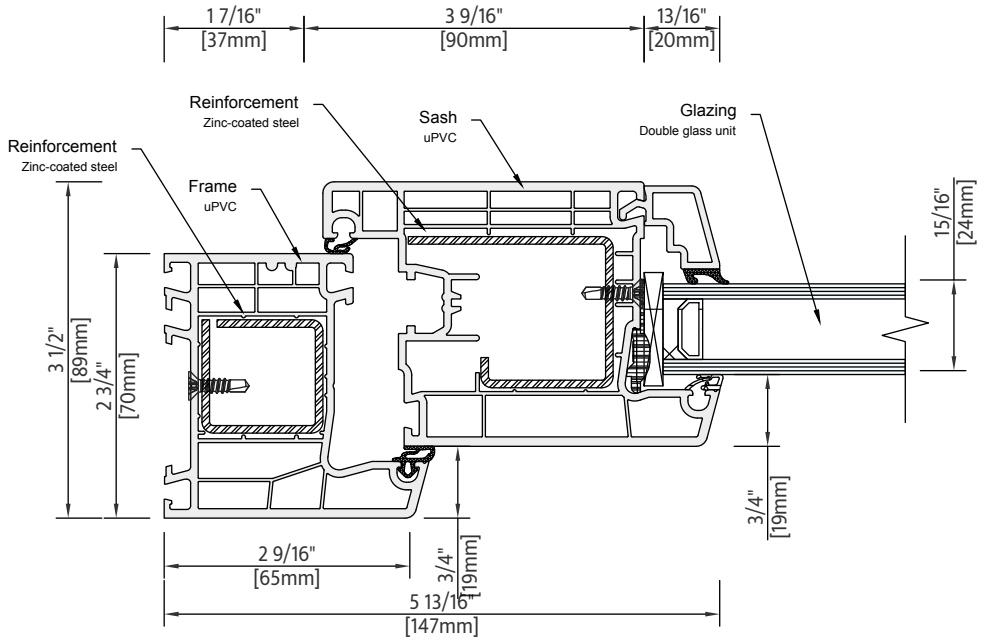
VI5 TERRACE DOOR

Jamb at the hinge

SCALE

6" = 1'-0" · half full size

Horizontal section. Door frame with its extension, and the sash, at the hinge side.



EXTERIOR

VI5 TERRACE DOOR

Jamb at the lock

SCALE

6" = 1'-0" · half full size

Horizontal section. Door frame and sash at the lock side.