

DOWNLOAD

Vi5.

Cross-sections

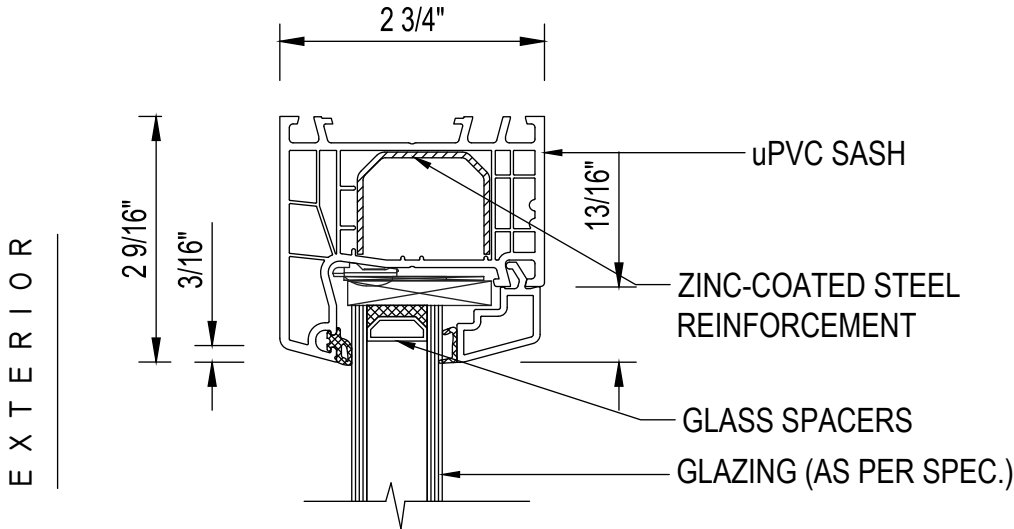
Typical sections through the Vi5 series: fixed and operable windows, mullions and midrail, glazing bars, the nailing fin, corner posts, and the in-swing terrace door. Details are drawn at the same scale, half full size, unless the sheet says otherwise.

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** September 2026. Supersedes earlier issues.

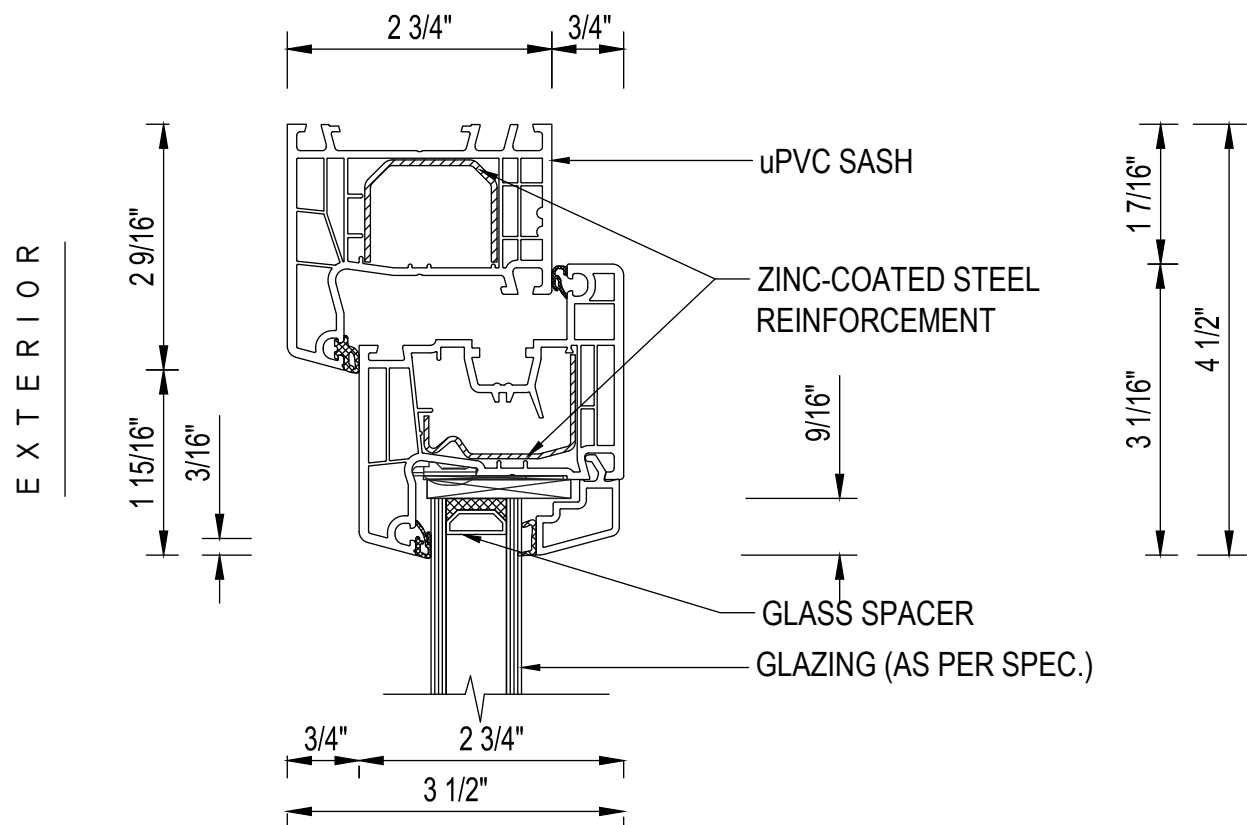
IN THIS SET

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
10	Vi5 operable window	Mullion, operable to operable
11	Vi5 windows and doors	Glazing bars
12	Vi5 window	Nailing fin
13	Vi5 corner	Corner post at 90 degrees
14	Vi5 corner	Adjustable corner post
15	Vi5 terrace door	Head and jamb
16	Vi5 terrace door	Standard sill
17	Vi5 terrace door	Reinforced mullion, door to window



V15 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.



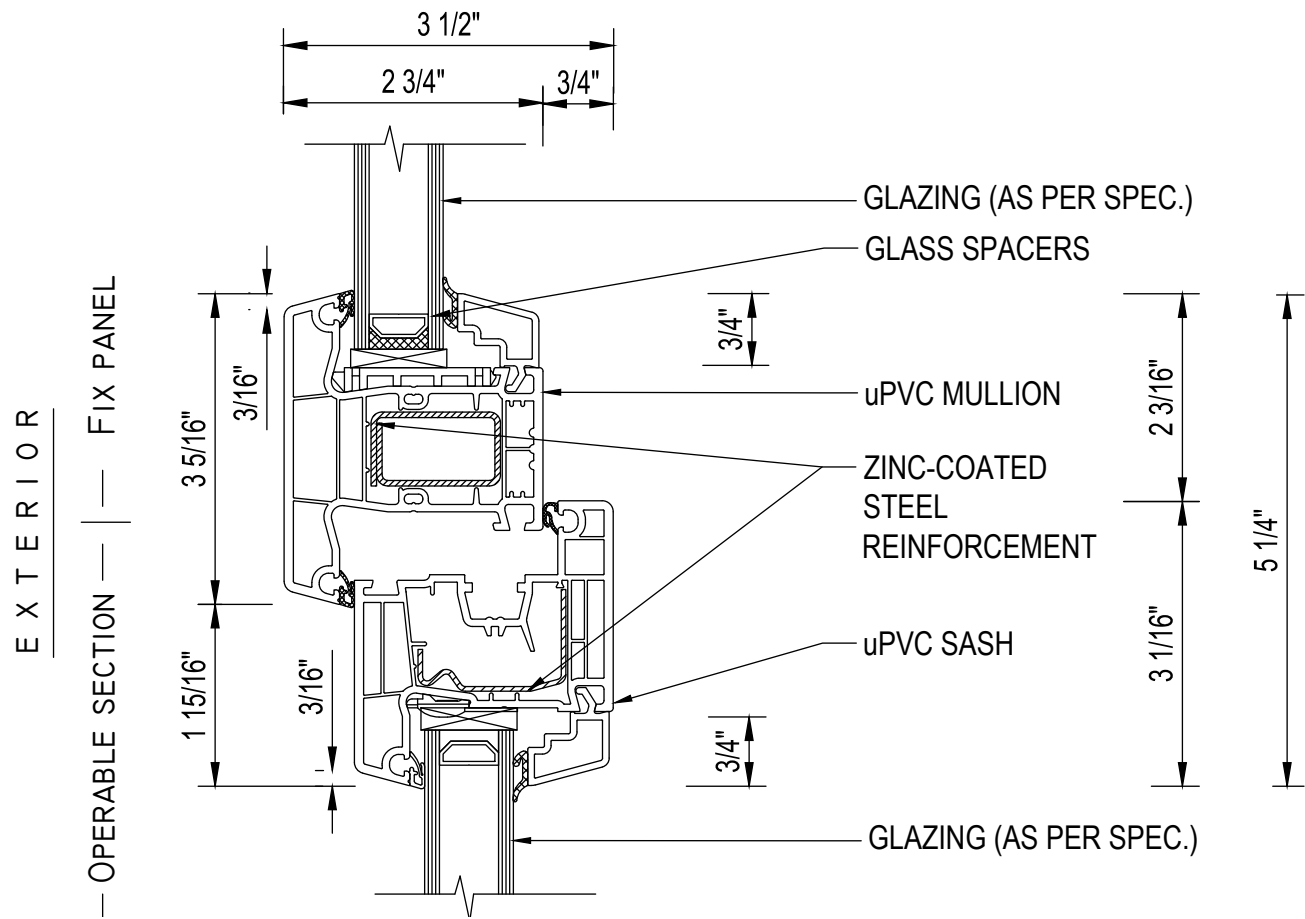
VI5 OPERABLE WINDOW

Head, sill and jamb

SCALE

6" = 1'-0" · half full size

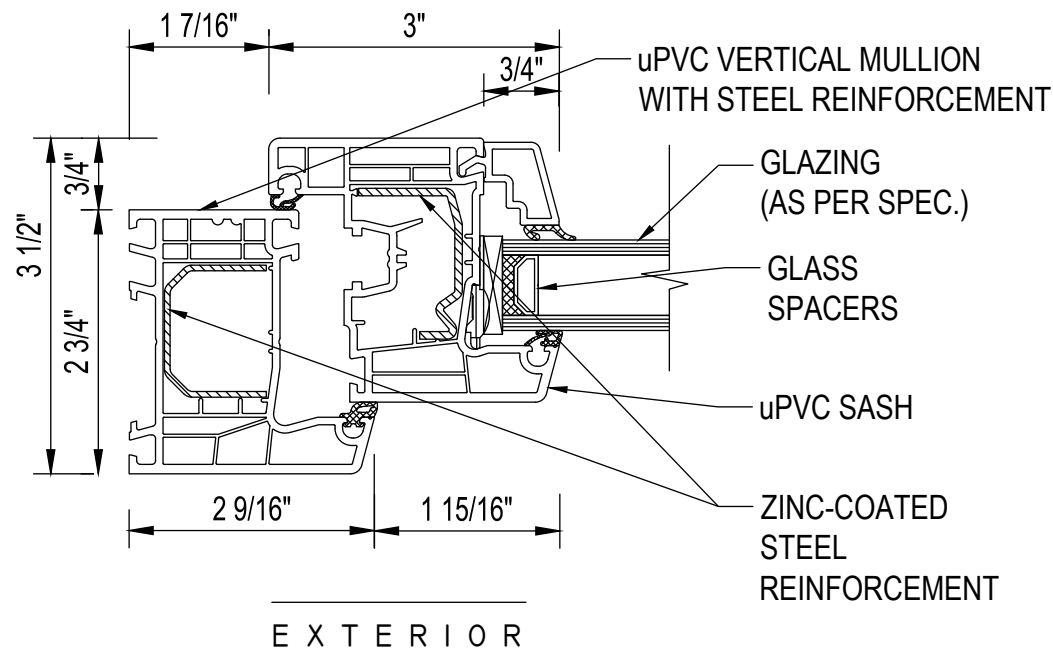
Frame and in-swing sash. The head, the sill and the jambs are the same section.



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.



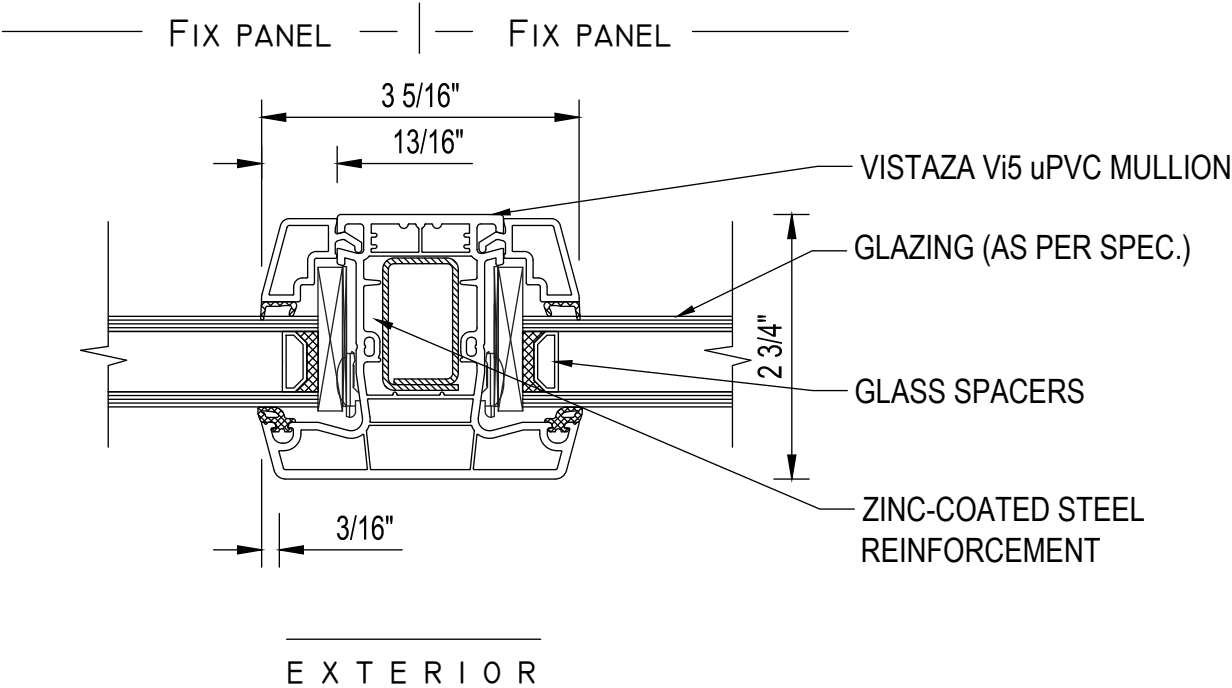
V15 OPERABLE WINDOW

Jamb at a vertical mullion

SCALE

6" = 1'-0" · half full size

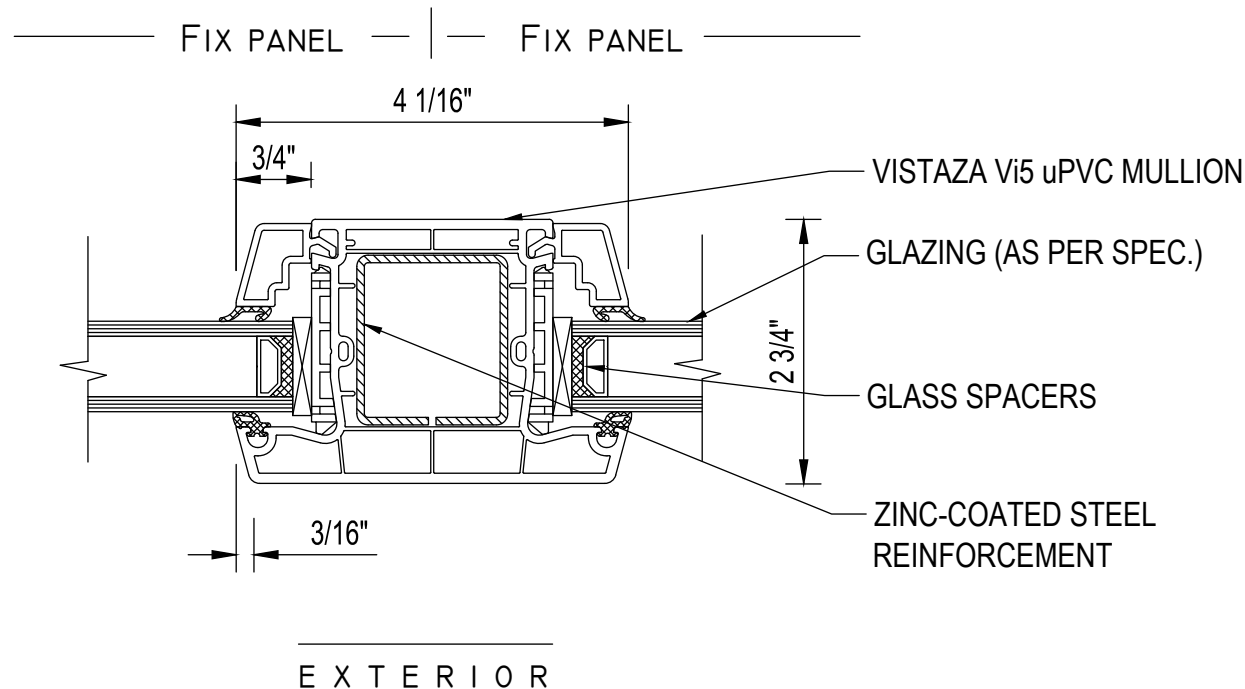
Horizontal section. In-swing sash closing on a reinforced vertical mullion.



V15 FIXED WINDOW

Mullion, fixed to fixed

SCALE
6" = 1'-0" · half full size
Horizontal section. Two fixed lights on one reinforced mullion.



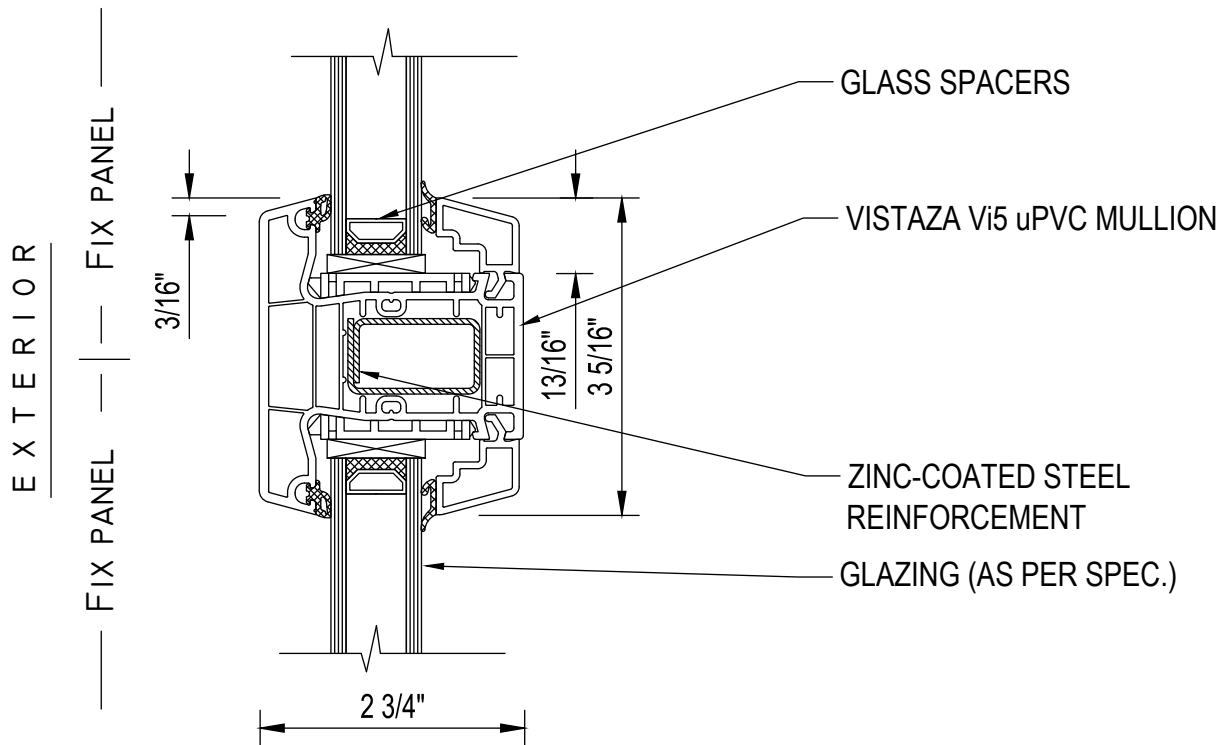
VI5 FIXED WINDOW

Wide mullion, fixed to fixed

SCALE

6" = 1'-0" · half full size

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



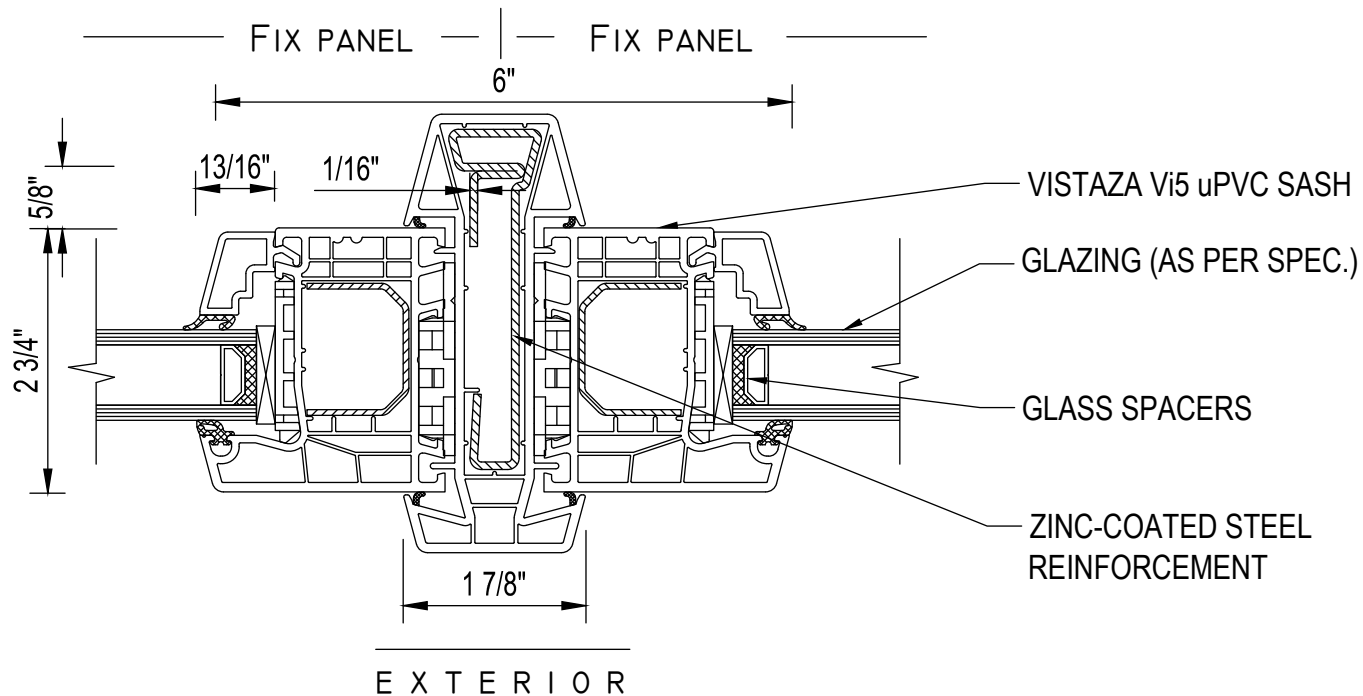
VI5 FIXED WINDOW

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.



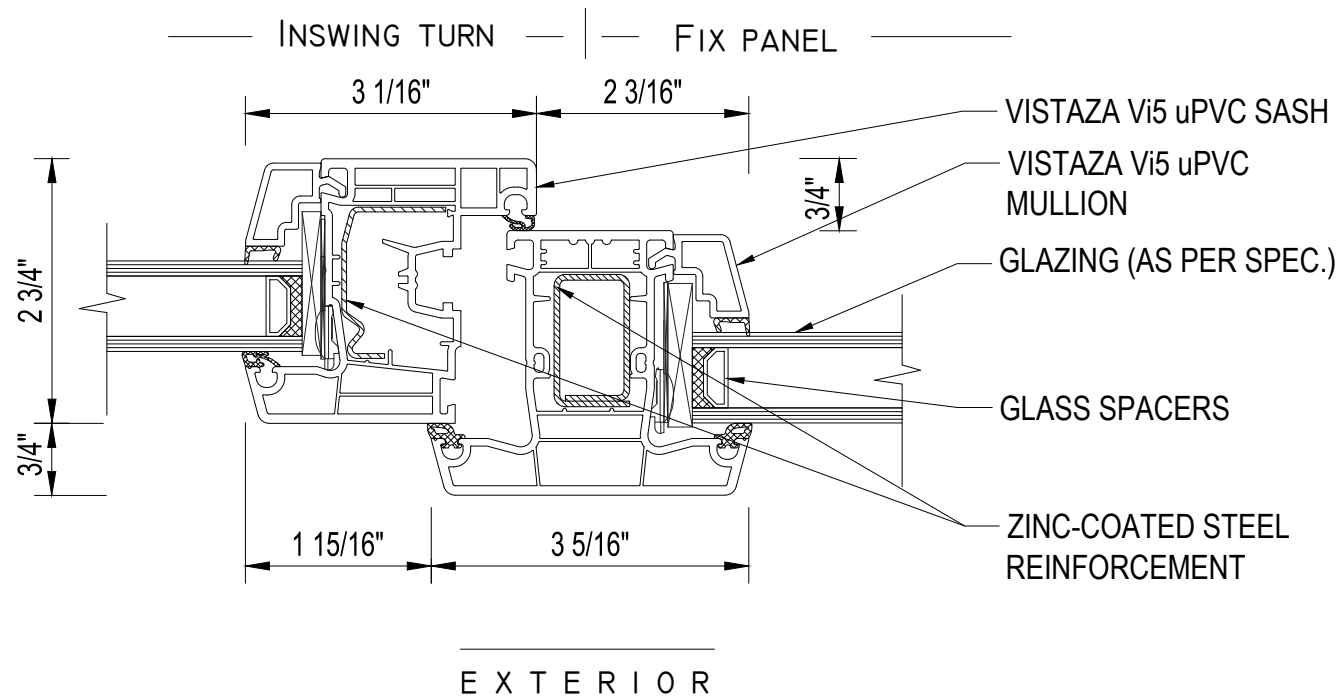
VI5 FIXED WINDOW

Reinforced mullion, fixed to fixed

SCALE

6" = 1'-0" · half full size

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



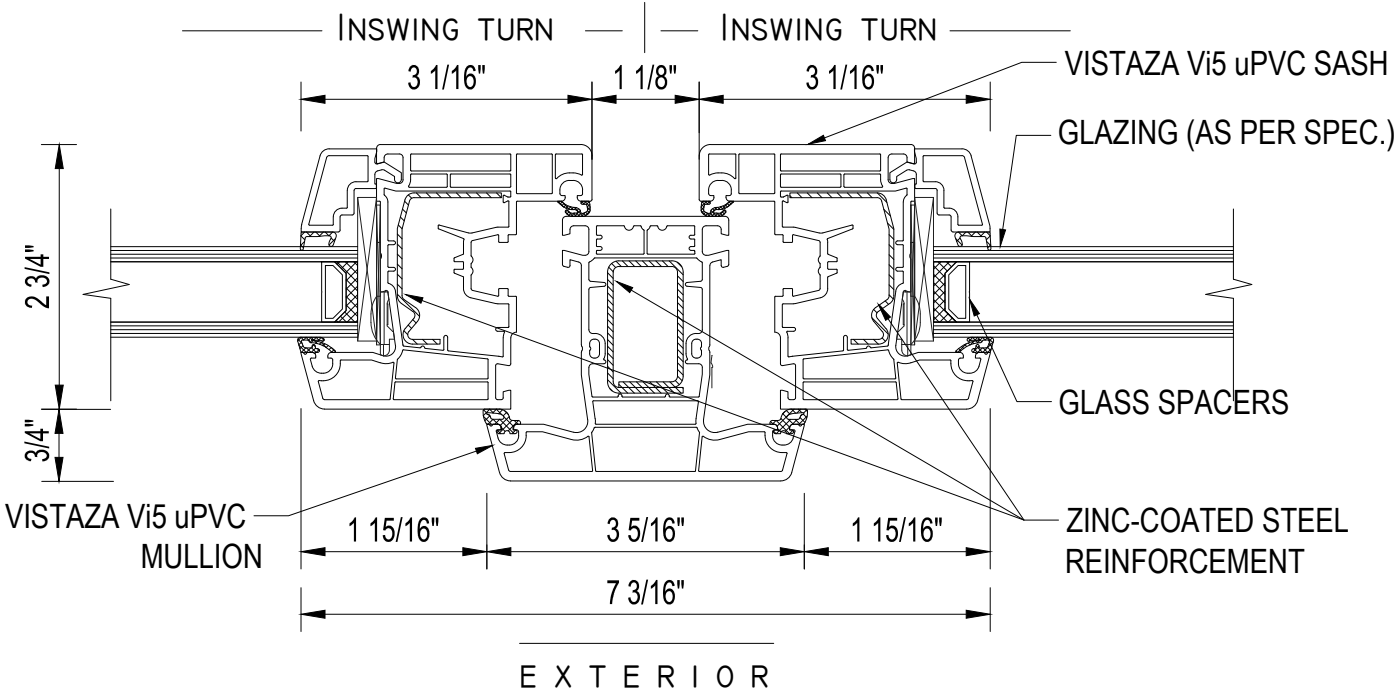
VI5 WINDOW

Mullion, operable to fixed

SCALE

6" = 1'-0" · half full size

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



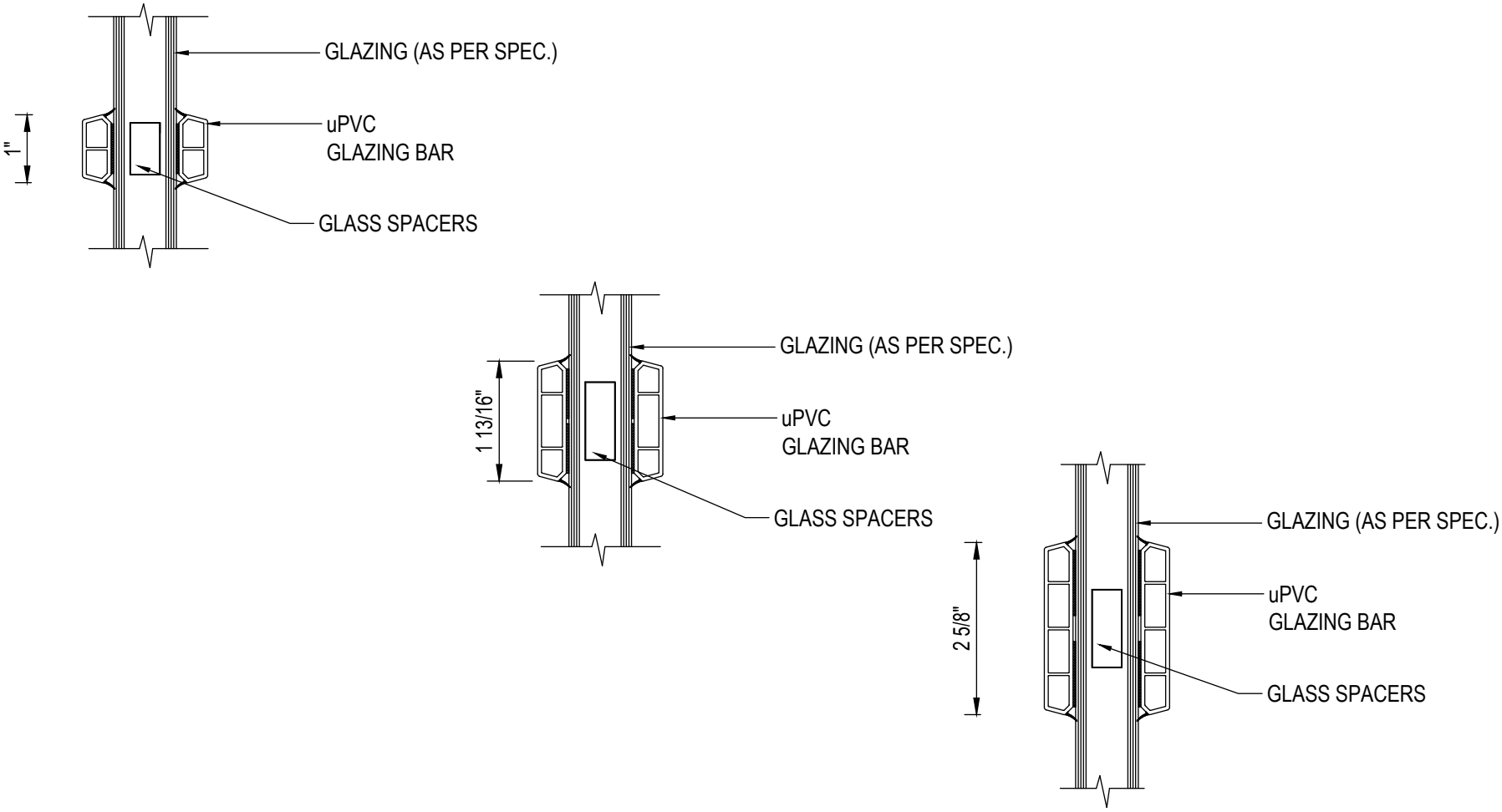
VI5 OPERABLE WINDOW

Mullion, operable to operable

SCALE

6" = 1'-0" · half full size

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



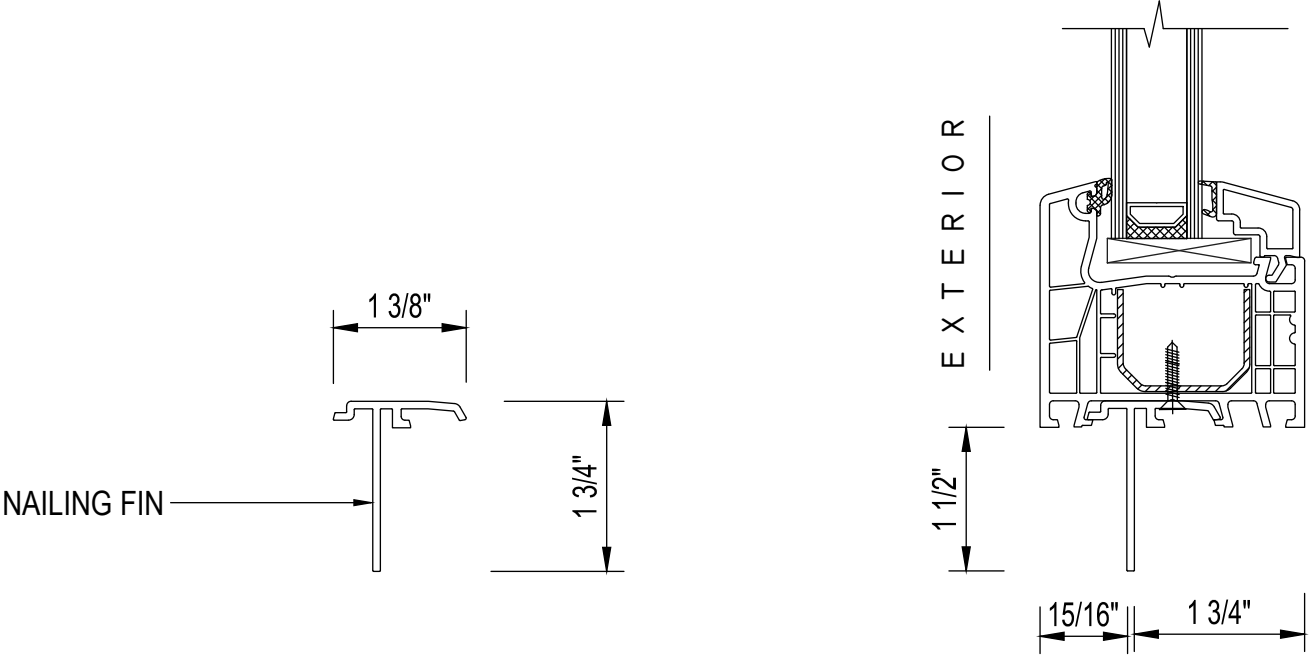
VI5 WINDOWS AND DOORS

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

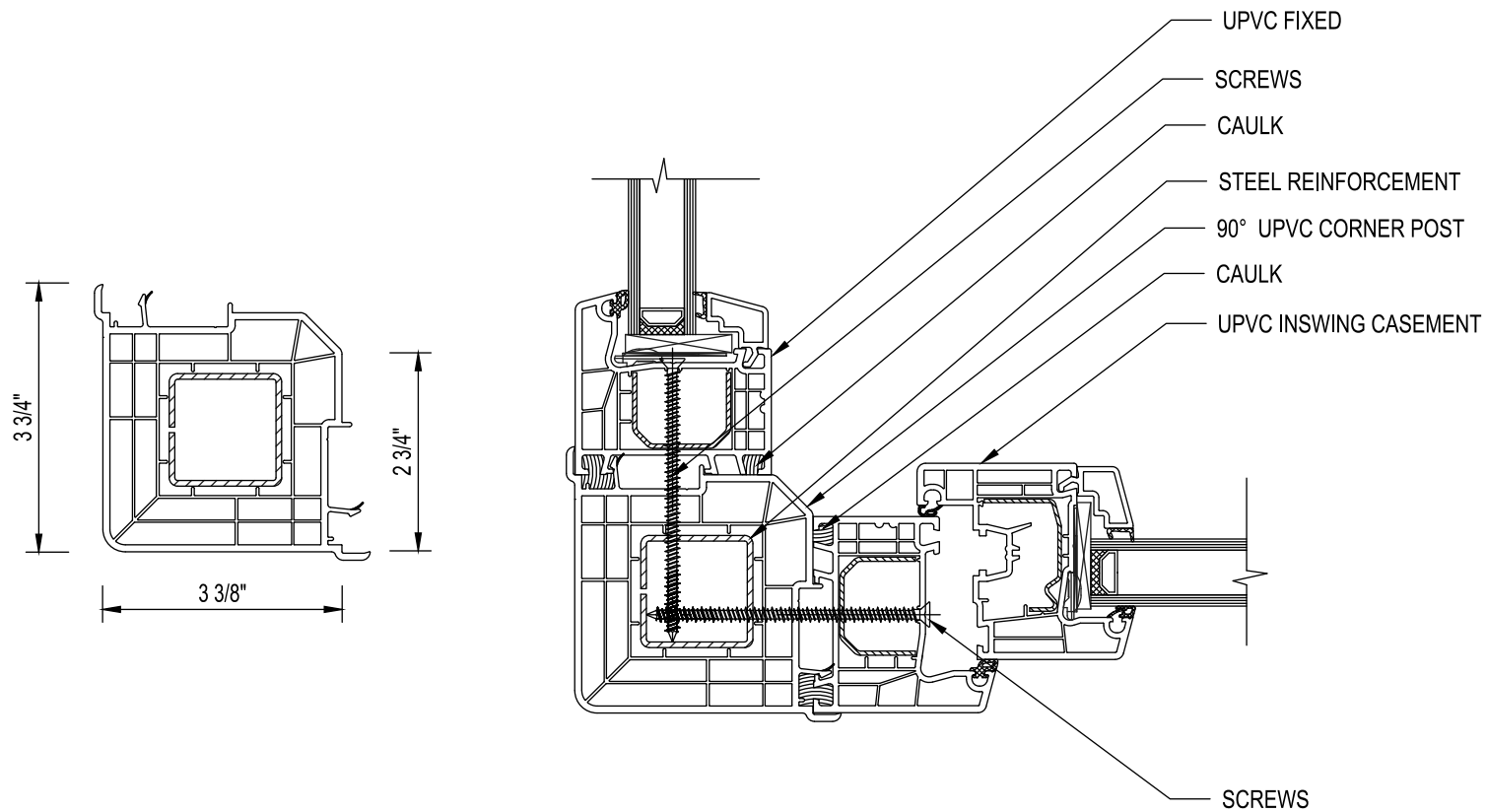
VI5 WINDOW

Nailing fin

SCALE

6" = 1'-0" · half full size

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

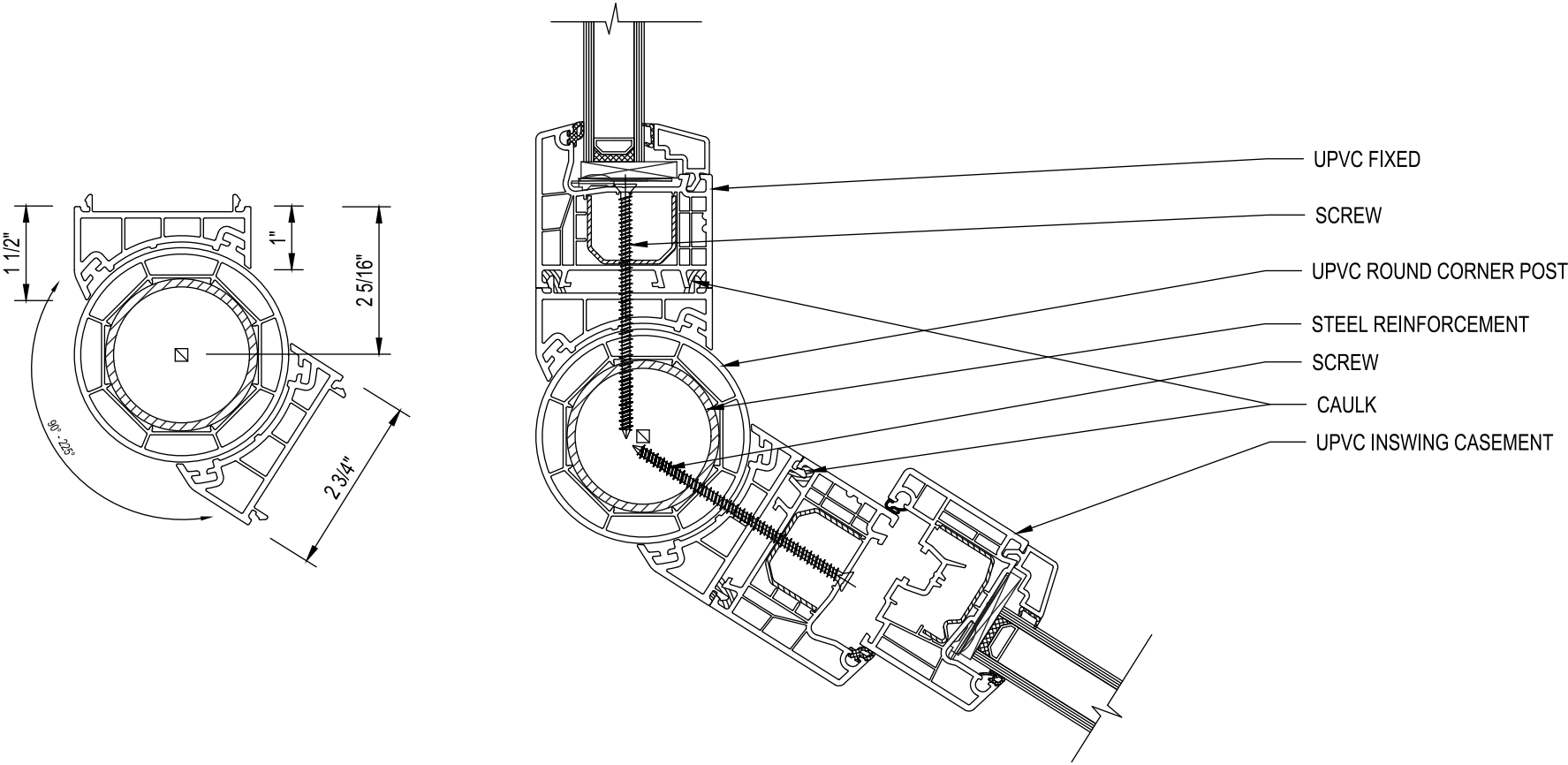


VI5 CORNER

Corner post at 90 degrees

SCALE
Not to scale

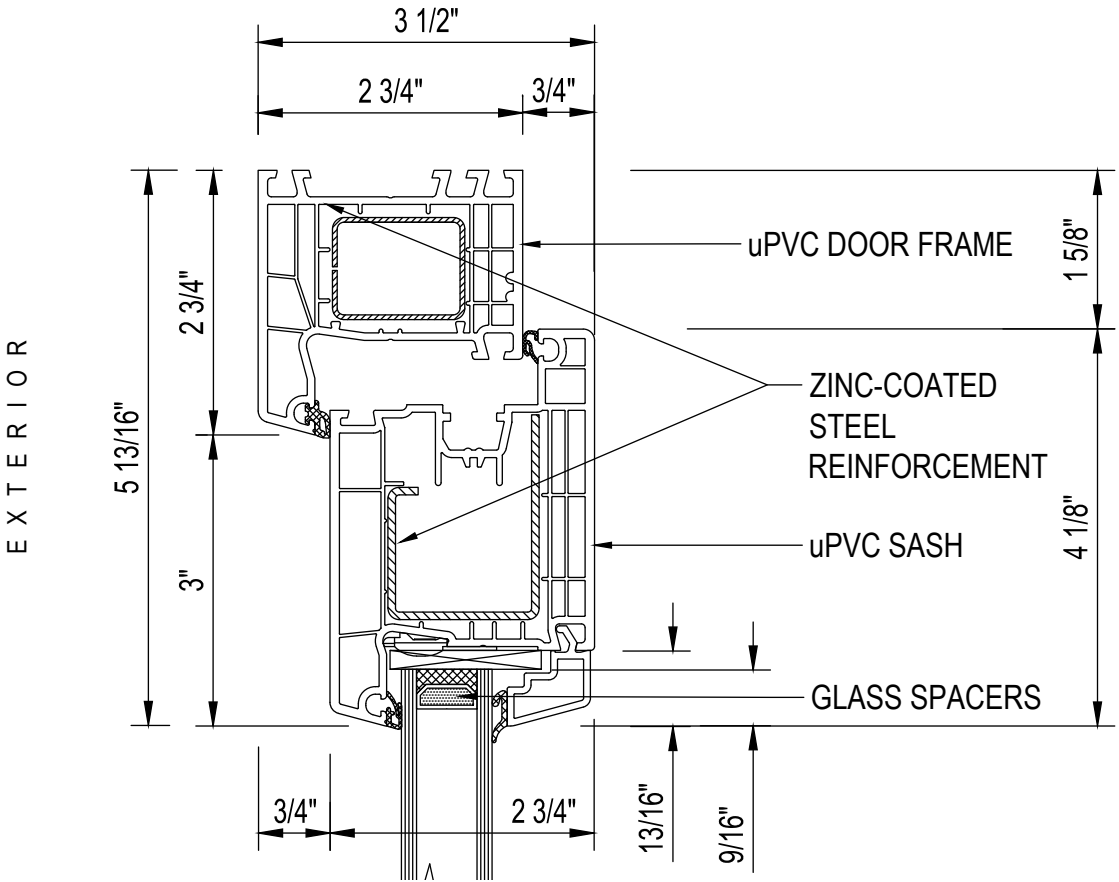
Horizontal section. The post alone, and joining a fixed light to an in-swing casement.



V15 CORNER
Adjustable corner post

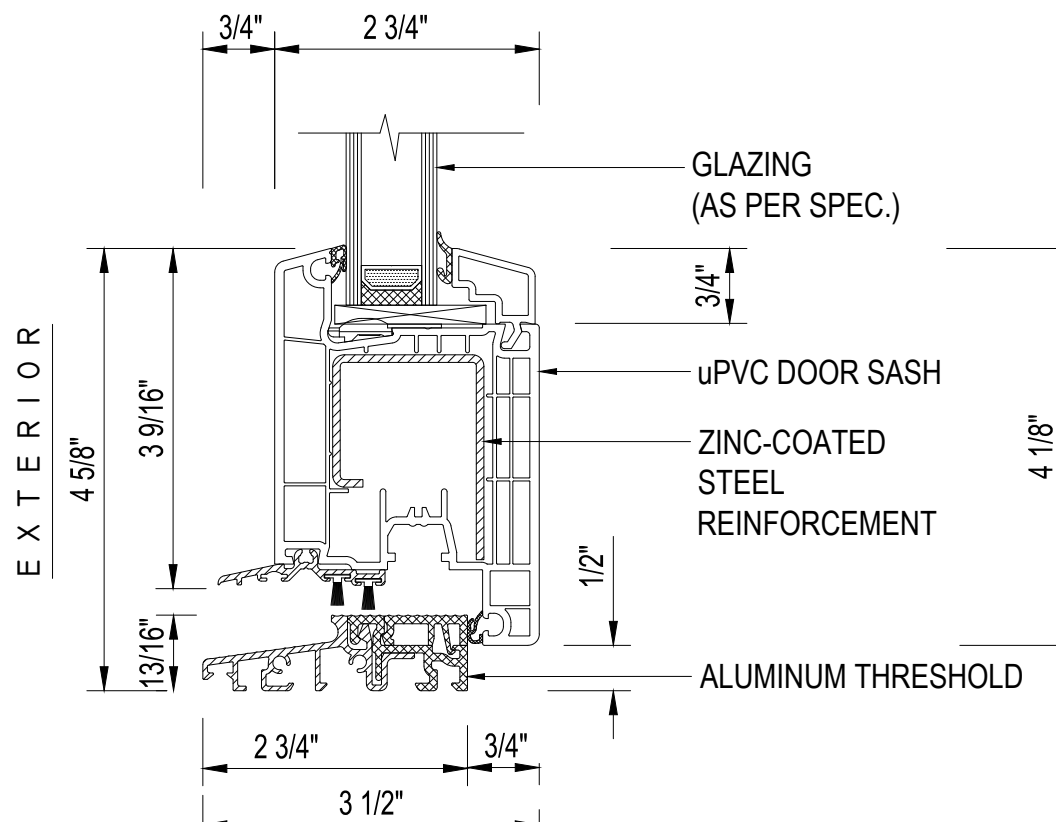
SCALE
Not to scale

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



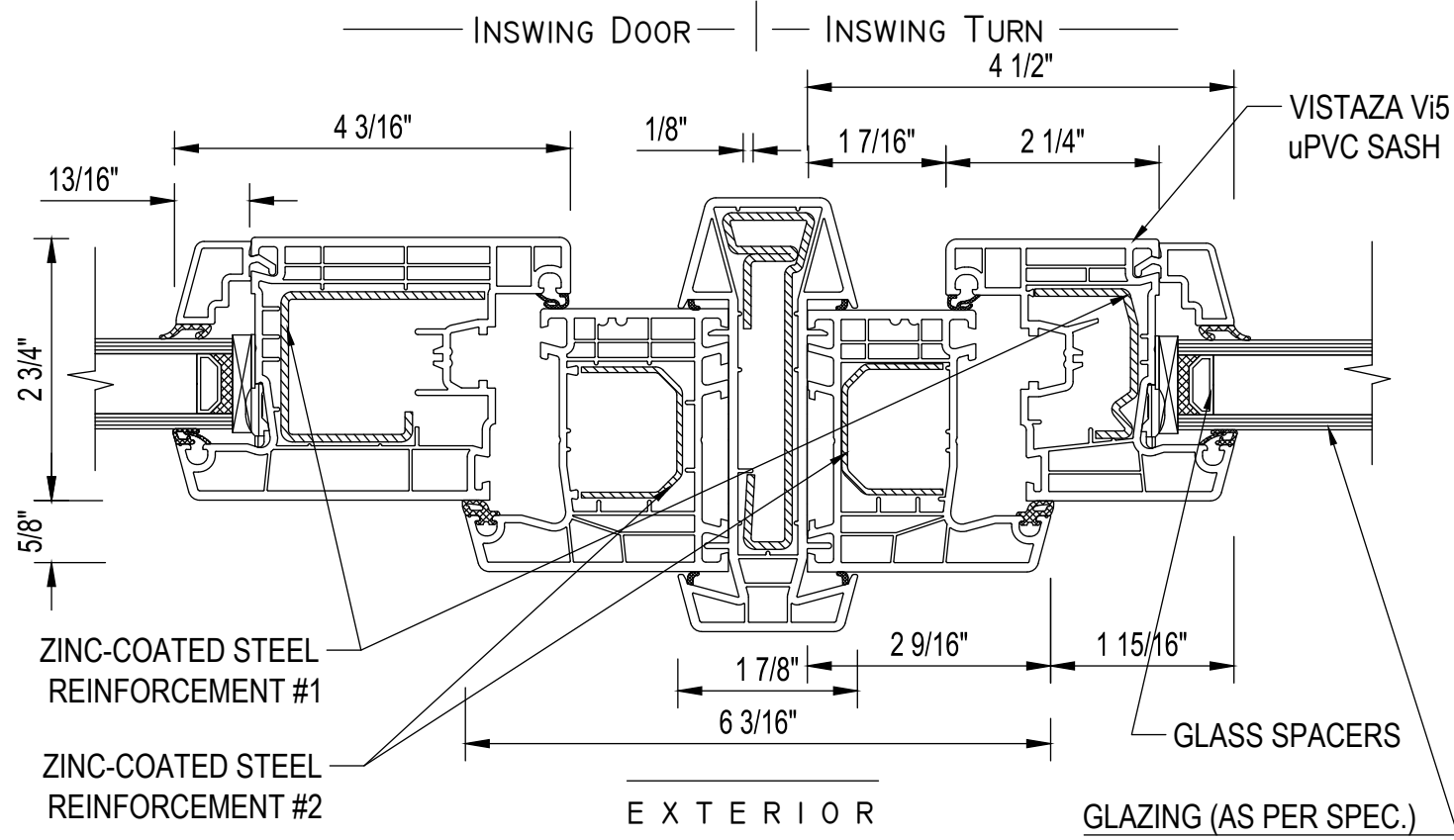
VI5 TERRACE DOOR
Head and jamb

SCALE
6" = 1'-0" · half full size
Section through the frame and door sash. The head and the jambs are the same.



VI5 TERRACE DOOR
Standard sill

SCALE
6" = 1'-0" · half full size
Vertical section. Door sash on the standard aluminum threshold.



V15 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.