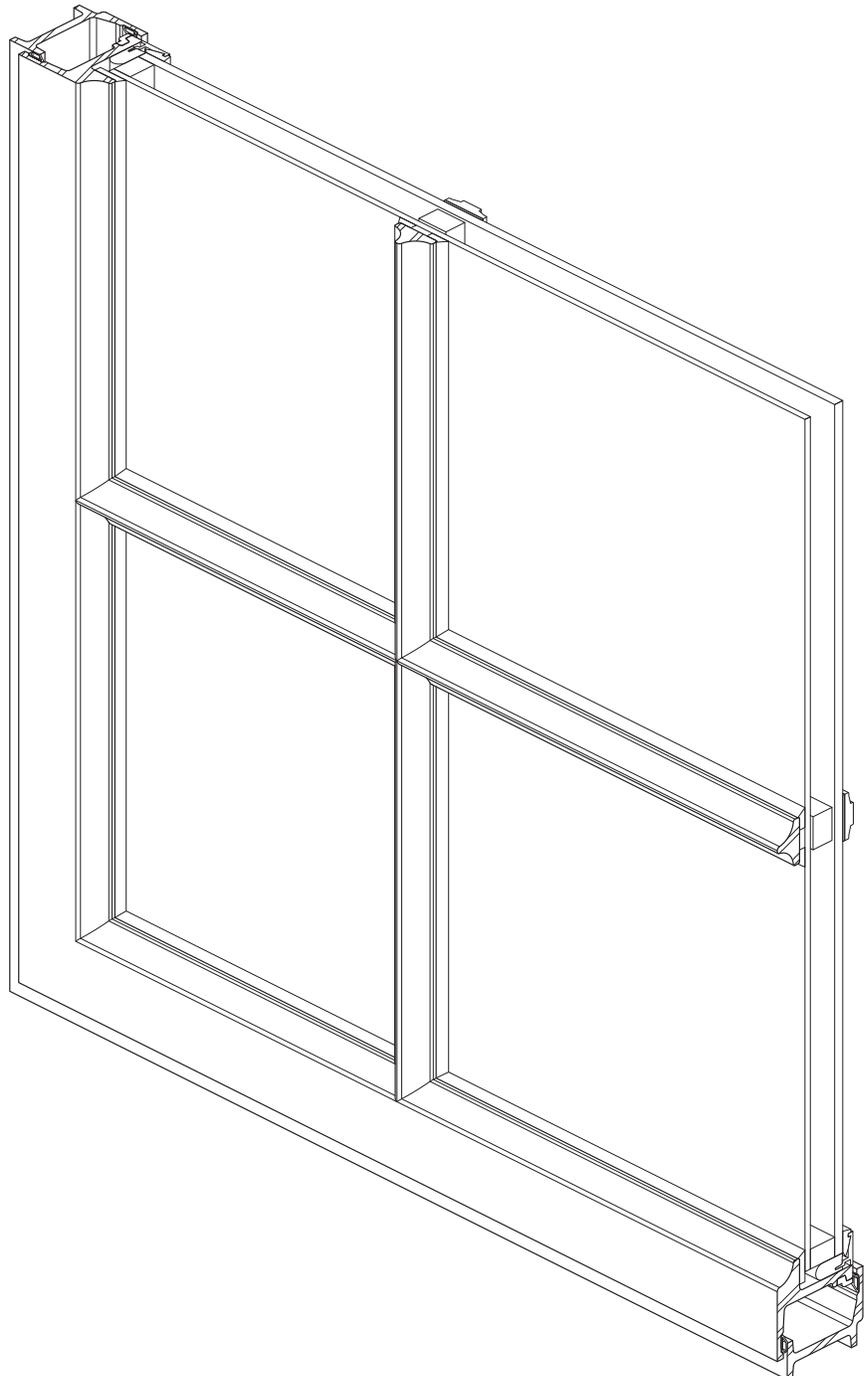


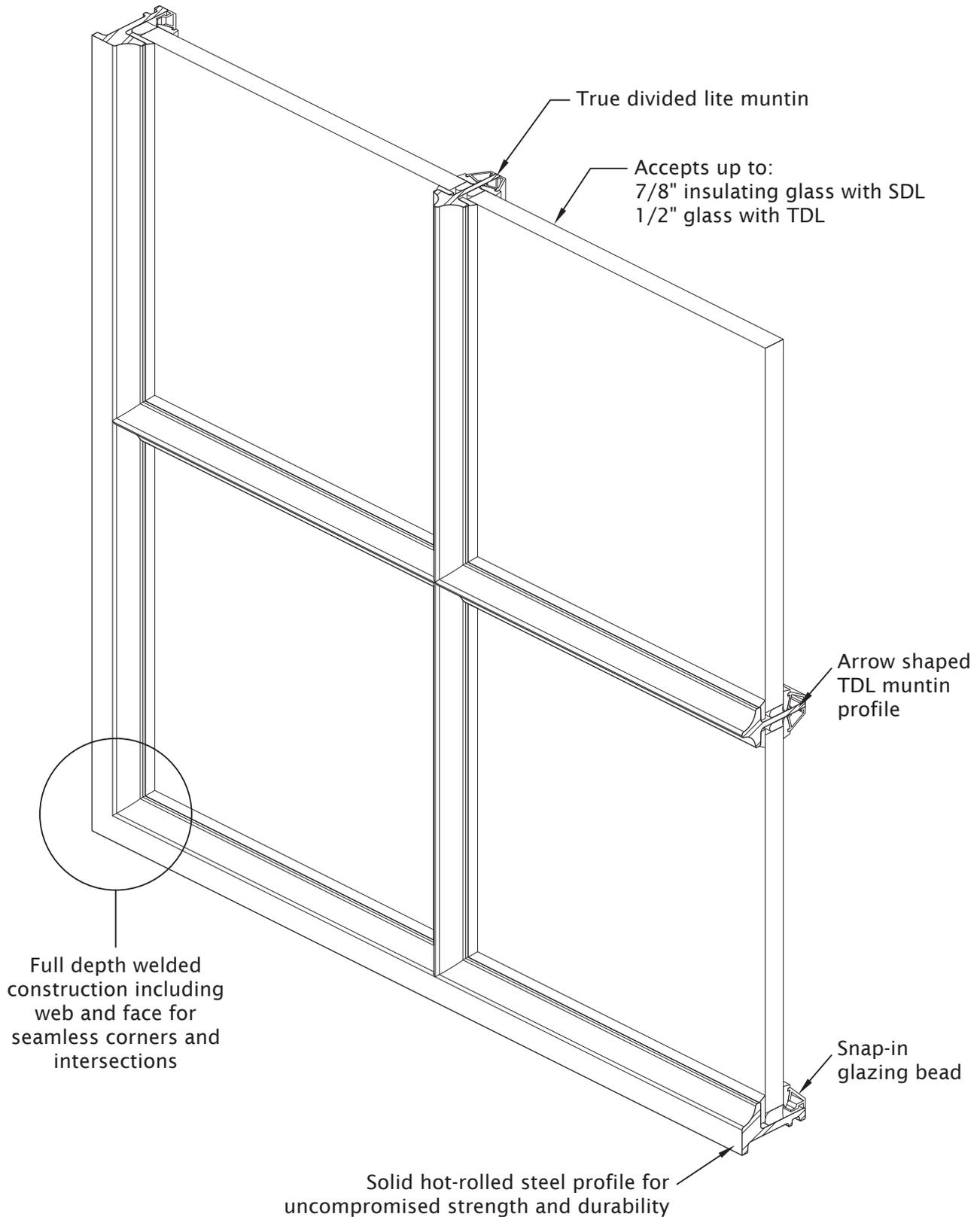
Hope's Old World hot-rolled steel window profiles are specifically designed for projects calling for classical solid steel windows with old world style three-point casement, or arrow-shaped, profiles. The fixed and operable configurations can be glazed with monolithic or insulated glass for energy efficiency. The unique window profiles and very narrow sightlines are ideal for new buildings as well as replacement projects.

PRODUCT FEATURES

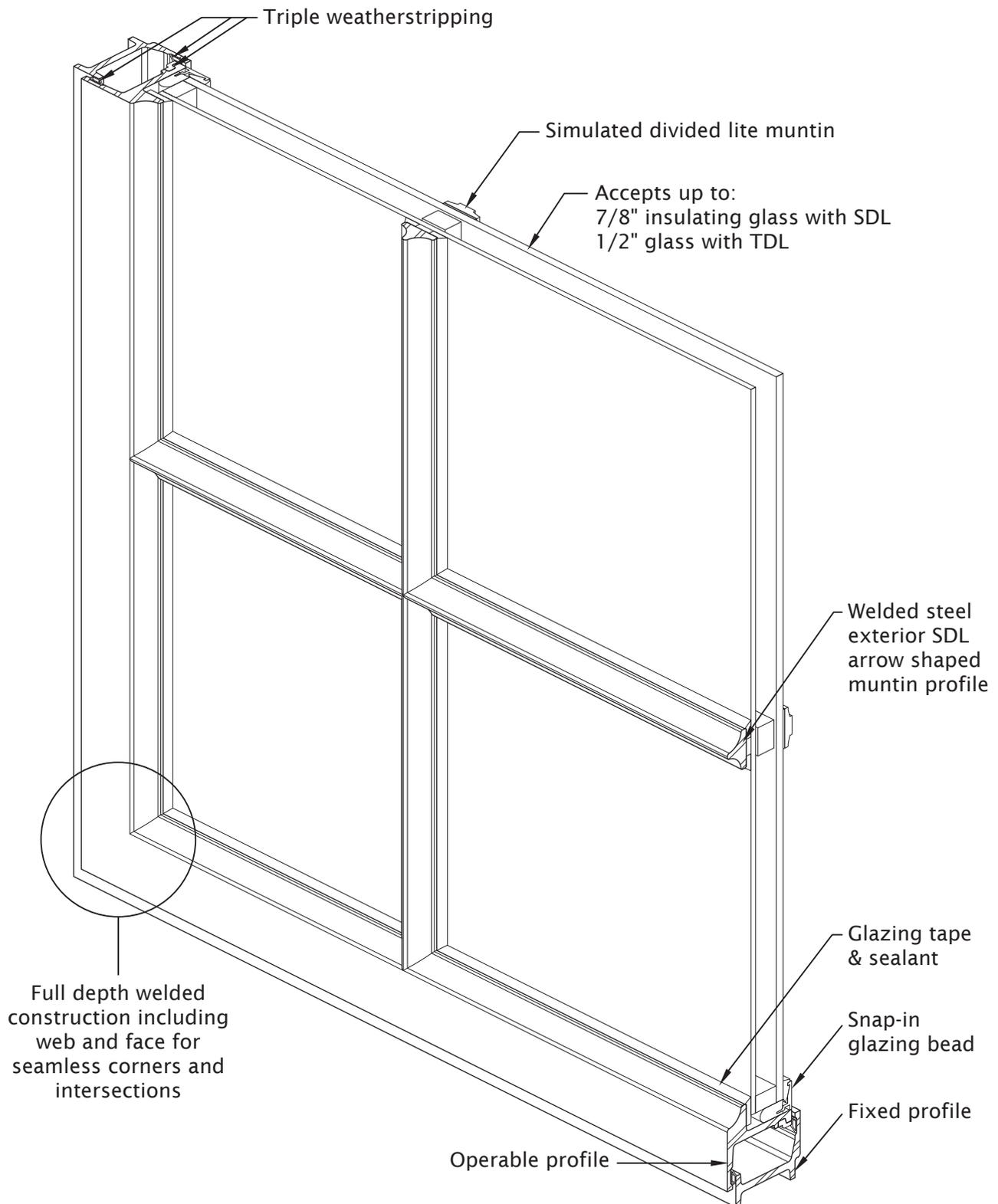
- Historically accurate sightlines and true divided lite or simulated divided lite muntins
- Unsurpassed strength of hot-rolled steel sections
- Accepts up to 7/8" thick insulating glass with simulated divided lites; up to 1/2" thick glass with true divided lites
- ASTM compliance for air infiltration and water penetration
- Hope's Power of 5 Finishing System with hot-dip galvanizing pretreatment
- Available with Hope's Thermal Evolution™ technology



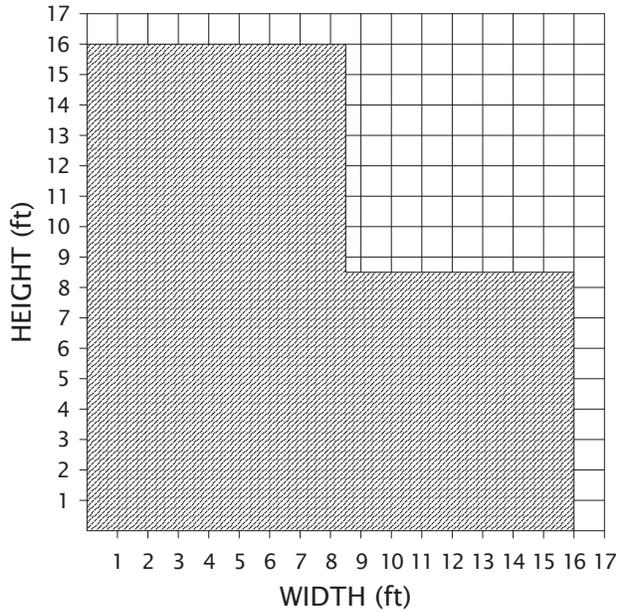
FIXED



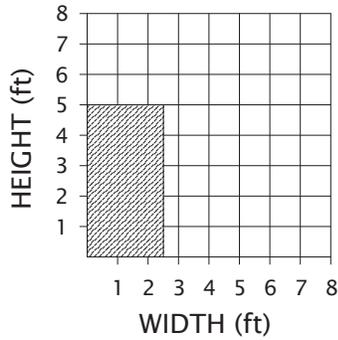
OPERABLE



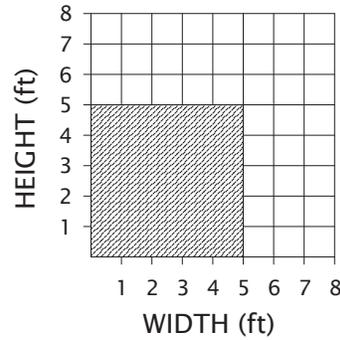
FIXED WINDOWS



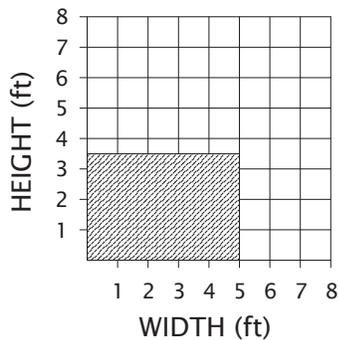
CASEMENT VENTILATORS



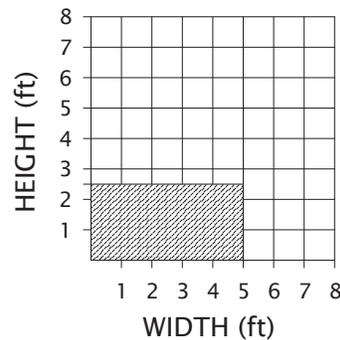
DOUBLE CASEMENT VENTILATORS



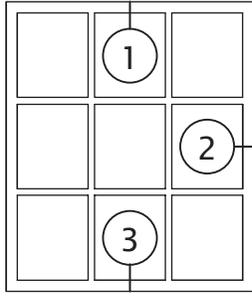
PROJECT-OUT VENTILATORS



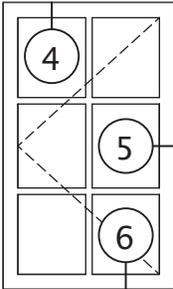
PROJECT-IN VENTILATORS



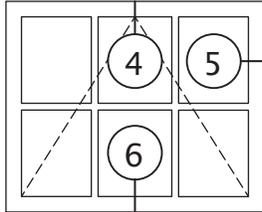
Sizes based on 7/8" insulating glass with 1/8" panes.
For requirements exceeding the sizes shown, consult Hope's for design alternatives.



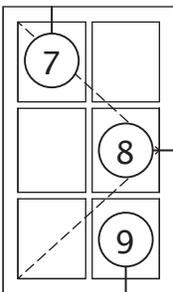
Fixed Window



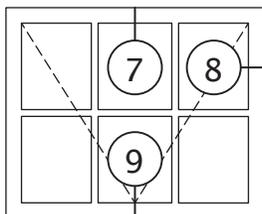
Swing-Out Casement Window



Awning Window



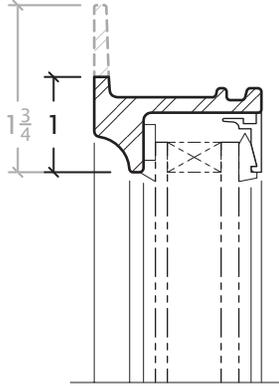
Swing-In Casement Window



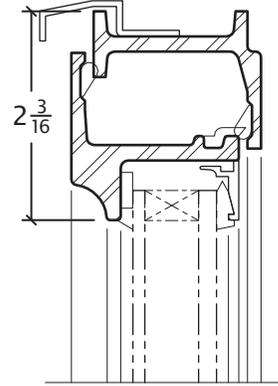
Hopper Window

TYPICAL HEAD DETAILS

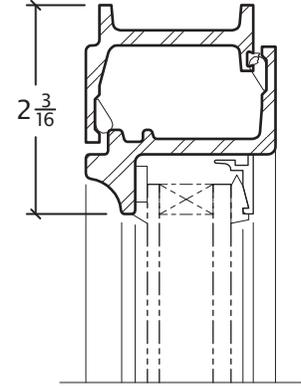
① FIXED



④ SWING-OUT

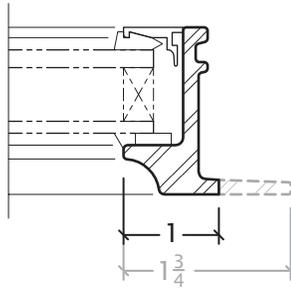


⑦ SWING-IN

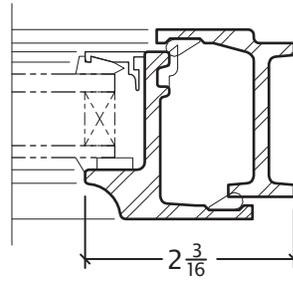


TYPICAL JAMB DETAILS

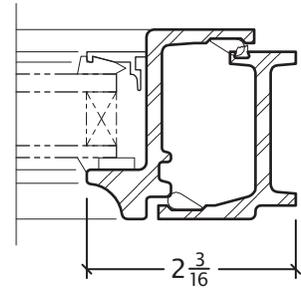
② FIXED



⑤ SWING-OUT

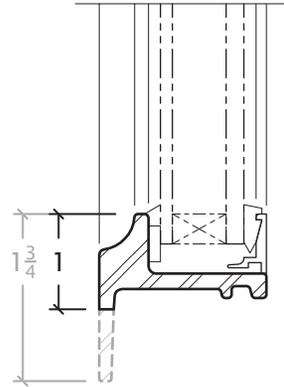


⑧ SWING-IN

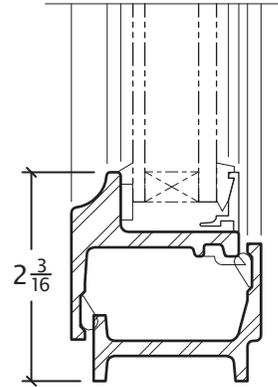


TYPICAL SILL DETAILS

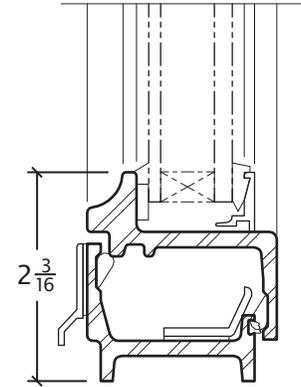
③ FIXED



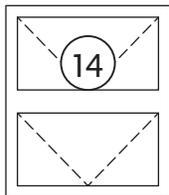
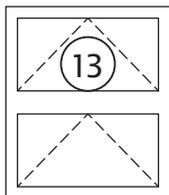
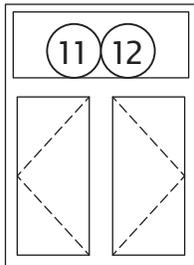
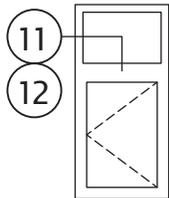
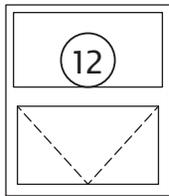
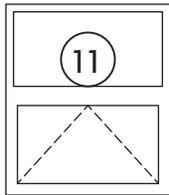
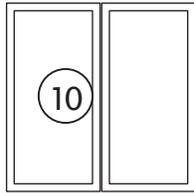
⑥ SWING-OUT



⑨ SWING-IN

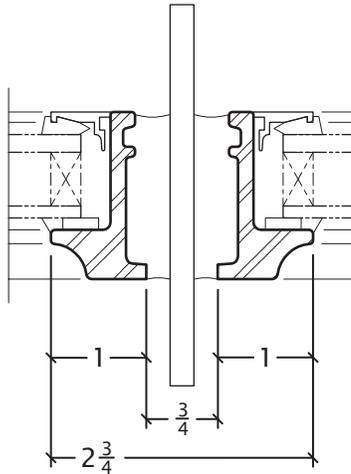


Details are half scale and shown inside glazed with 7/8" thick glass.
Perimeter frame profiles are available in long leg or equal leg configurations.
All Hope's products are custom manufactured to your specific project requirements.



VERTICAL MULLION

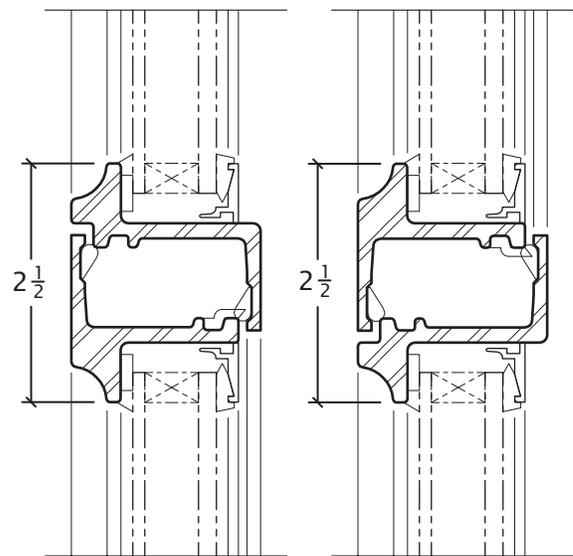
10 FIXED



HORIZONTAL MEETING RAIL

11 SWING-OUT

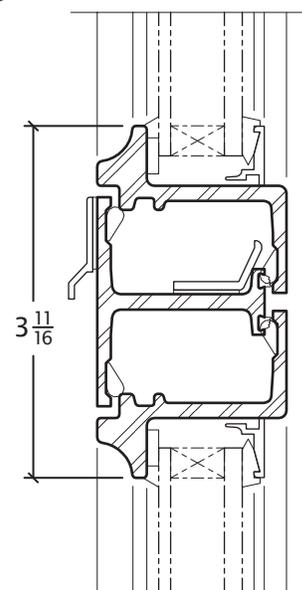
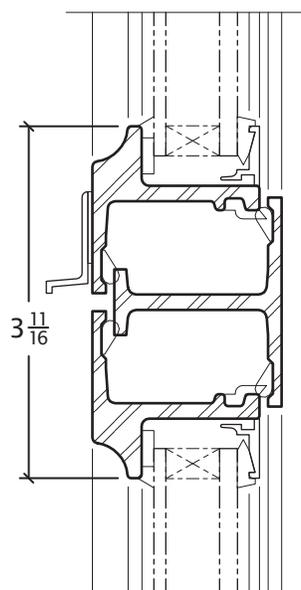
12 SWING-IN



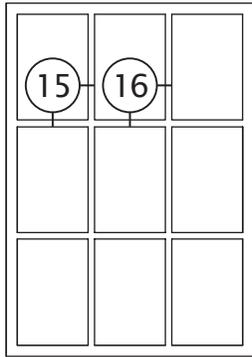
OPERABLE OVER OPERABLE HORIZONTAL MEETING RAIL

13 SWING-OUT

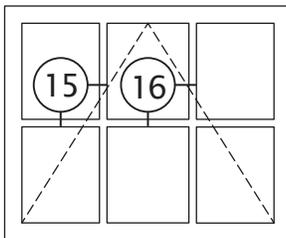
14 SWING-IN



Details are half scale and shown inside glazed with 7/8" thick glass.
Perimeter frame profiles are available in long leg or equal leg configurations.
All Hope's products are custom manufactured to your specific project requirements.

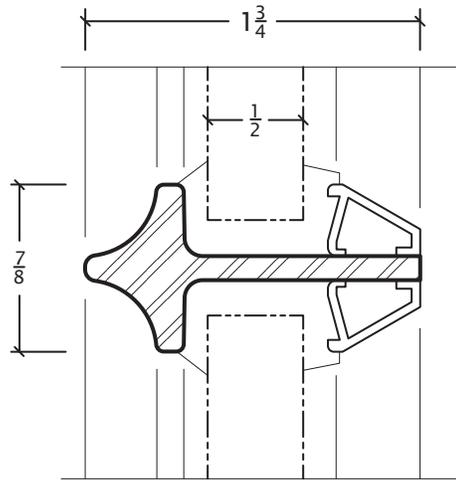


Fixed Window

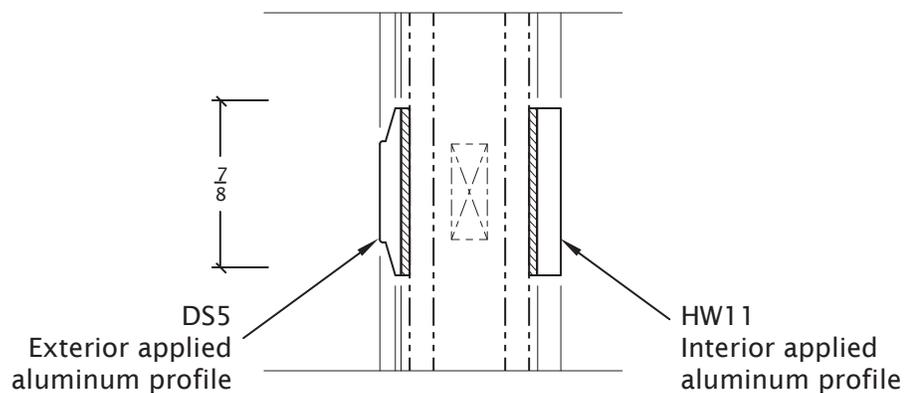
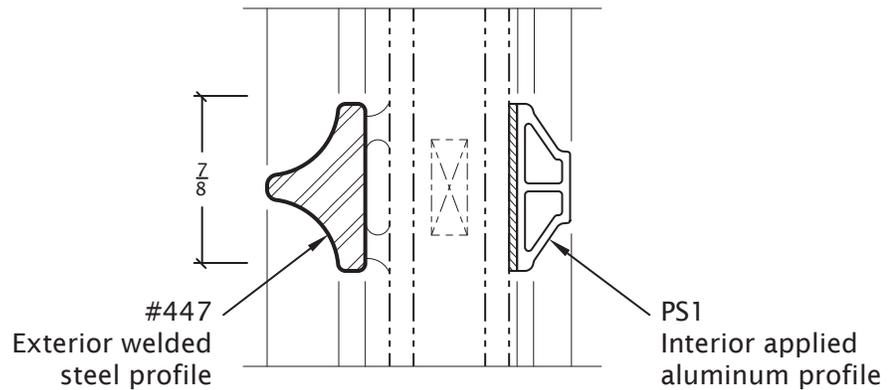


Operable Window

15 TRUE DIVIDED LITE MUNTIN PROFILES

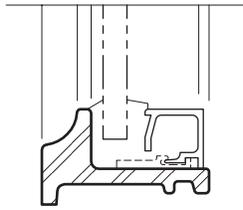


16 SIMULATED DIVIDED LITE MUNTIN PROFILES

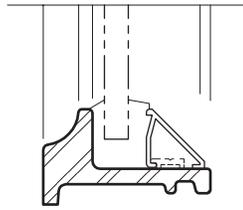


Details are full scale. Consult *Muntins, Mullions, Stacks & Deflection Channels* section of Hope's Architectural Binder for additional profile options. All Hope's products are custom manufactured to your specific project requirements.

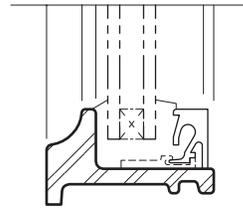
SNAP-IN GLAZING BEADS



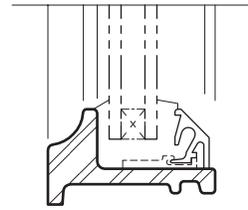
1/4" GLASS
#40 BEAD



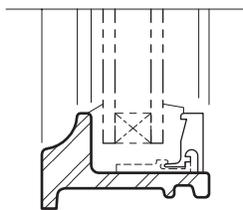
1/4" GLASS
#240 BEAD



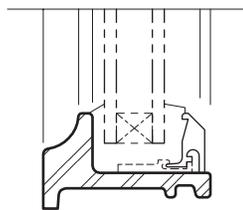
1/2" GLASS
#41 BEAD



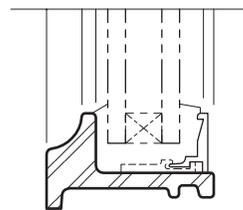
1/2" GLASS
#241 BEAD



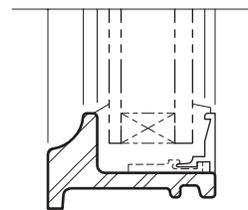
5/8" GLASS
#42 BEAD



5/8" GLASS
#242 BEAD

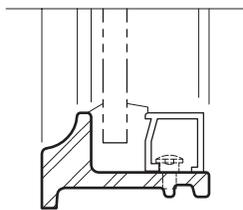


3/4" GLASS
#24112 BEAD

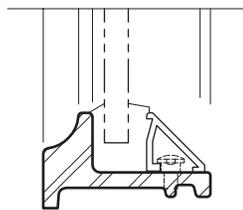


7/8" GLASS
#24112 BEAD

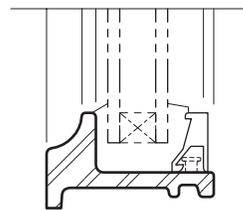
HOOK-ON GLAZING BEADS



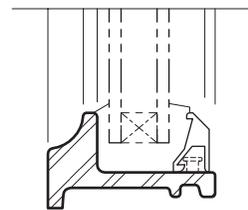
1/4" GLASS
#295 BEAD



1/4" GLASS
#297 BEAD

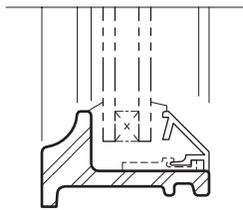


5/8" GLASS
#299 BEAD

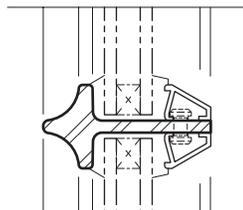


5/8" GLASS
#244 BEAD

GLAZING BEAD OPTIONS FOR USE WITH TDL MUNTINS



1/2" GLASS
#340 BEAD



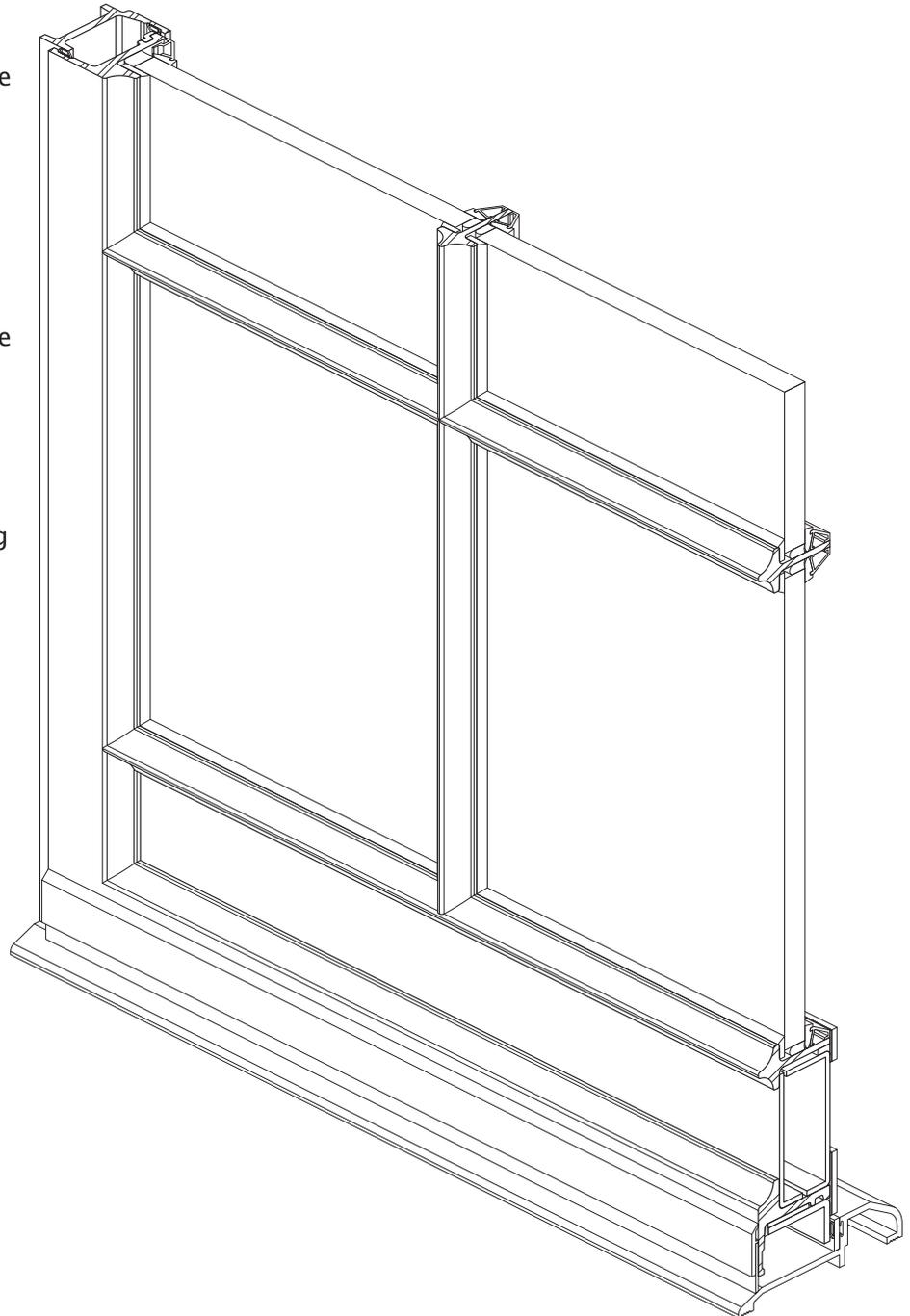
1/2" GLASS
#283 BEAD

Details are half scale and shown inside glazed.

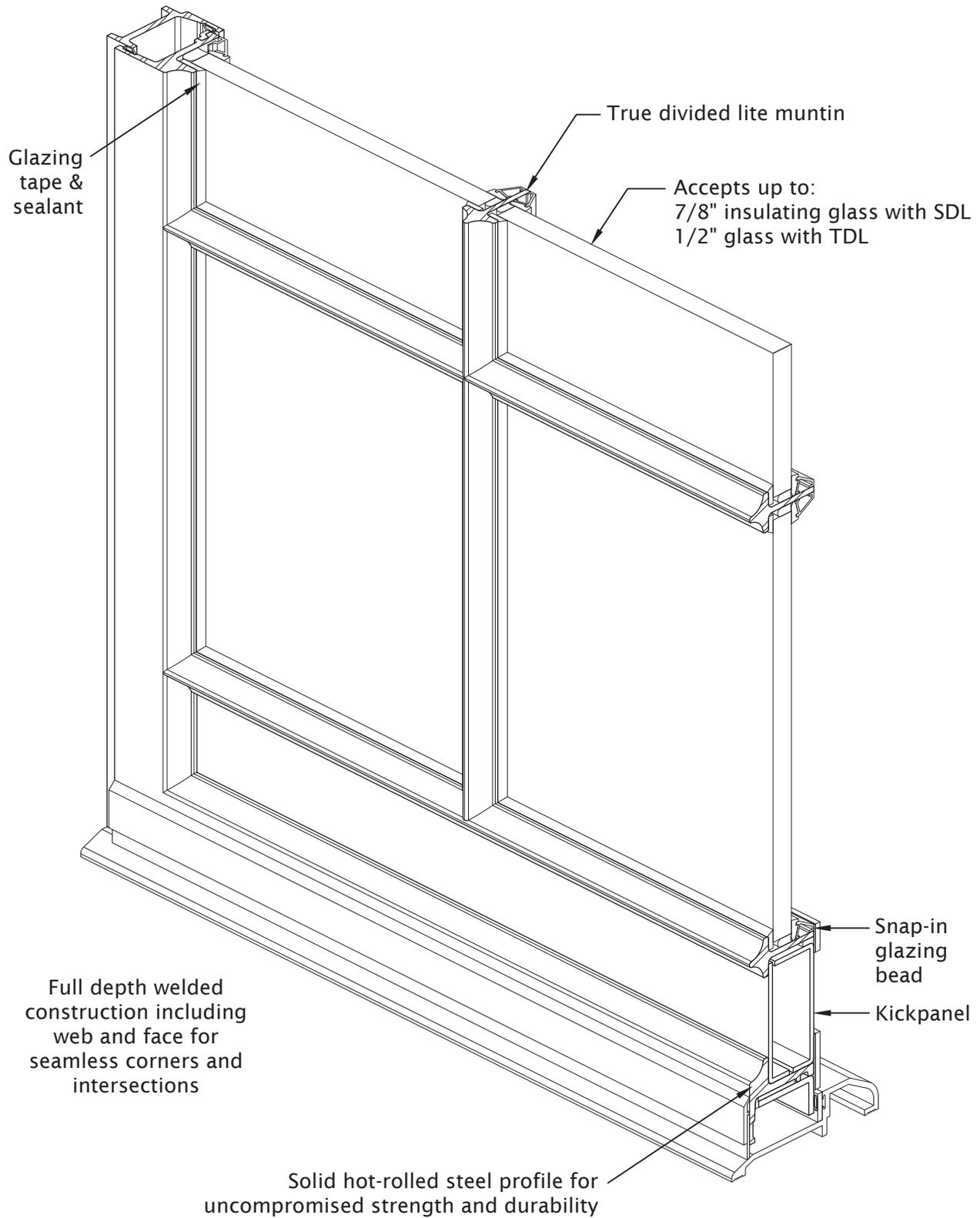
Hope's Old World hot-rolled steel door profiles are specifically designed for projects calling for classical solid steel doors with old world style three-point casement, or arrow-shaped, profiles. Swing doors can be glazed with monolithic or insulated glass for energy efficiency. The unique door profiles and very narrow sightlines are ideal for new buildings as well as replacement projects.

PRODUCT FEATURES

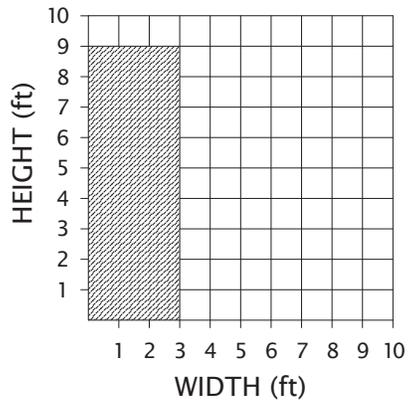
- Historically accurate sightlines and true divided lite or simulated divided lite muntins
- Unsurpassed strength of hot-rolled steel sections
- Accepts up to 7/8" thick insulating glass with simulated divided lites; up to 1/2" thick glass with true divided lites
- ASTM compliance for air infiltration and water penetration
- Hope's Power of 5 Finishing System with hot-dip galvanizing pretreatment
- Available with Hope's Thermal Evolution™ technology



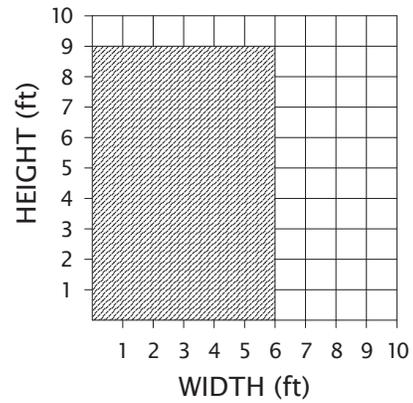
DOOR



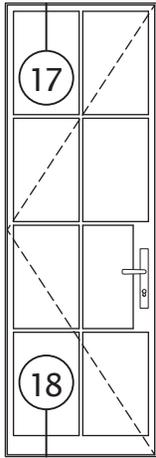
SINGLE DOOR



DOUBLE DOORS

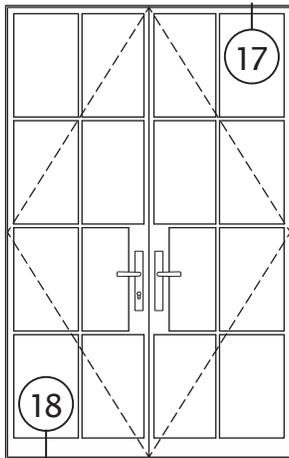
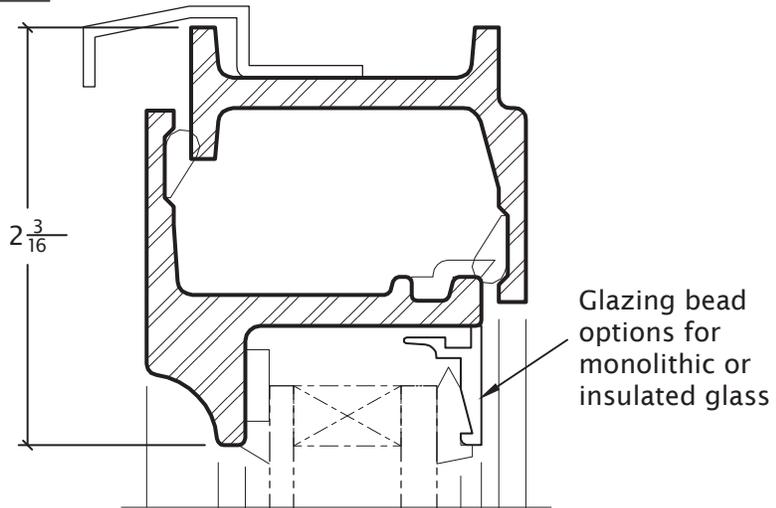


Single and double hot-rolled steel door sizes based on 7/8" insulating glass with 1/8" panes.
For requirements exceeding the sizes shown, consult Hope's for design alternatives.



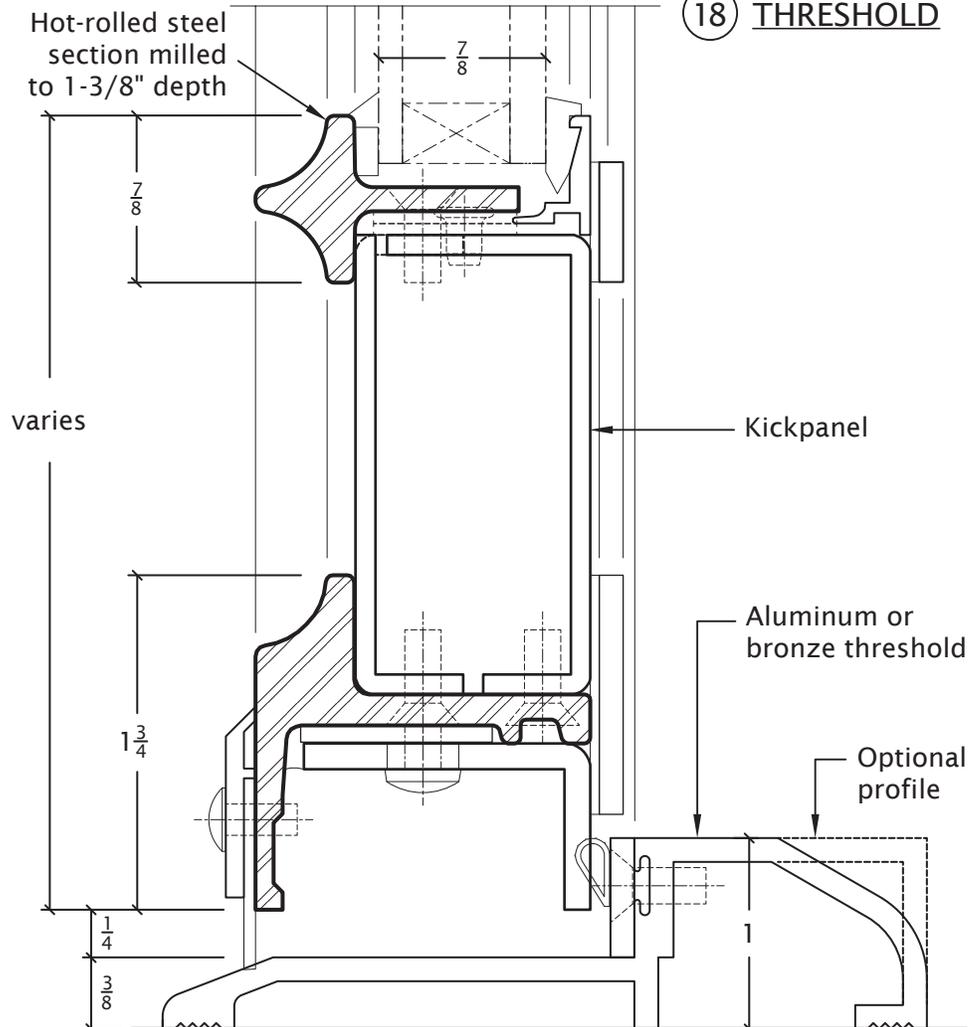
Swing Door

17 HEAD

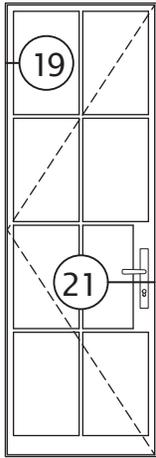


Double Swing Doors

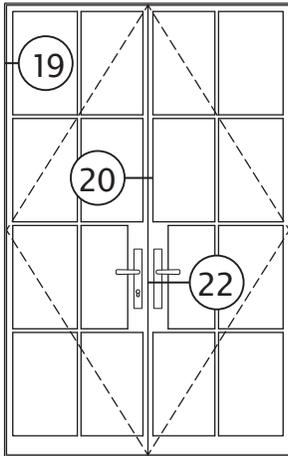
18 THRESHOLD



Details are full scale and shown with 7/8" thick glass. See page 15 for additional glass thickness and glazing bead options.
All Hope's products are custom manufactured to your specific project requirements.

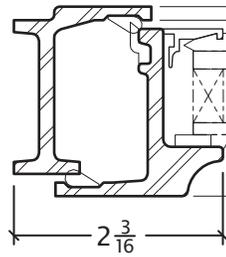


Swing Door

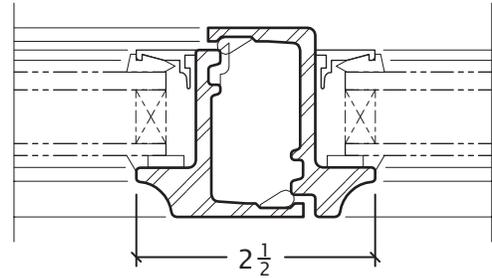


Double Swing Doors

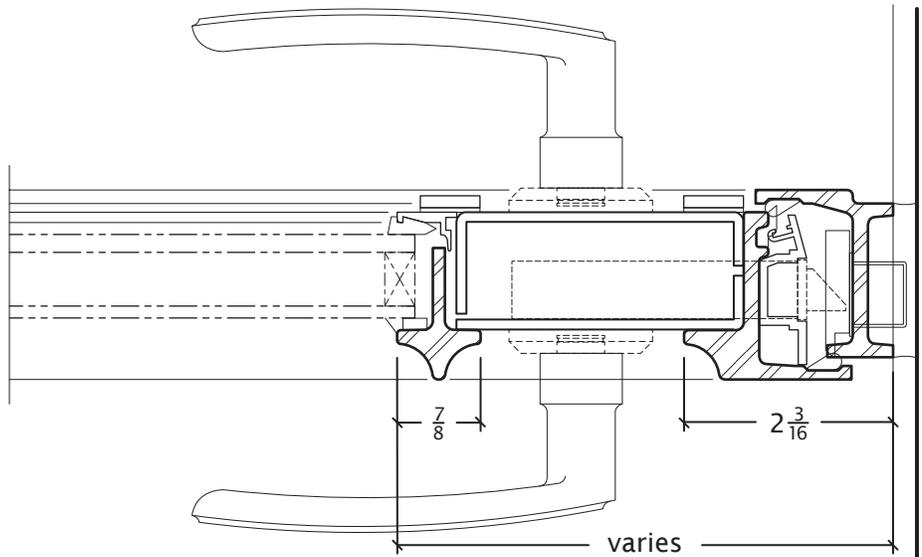
19 JAMB



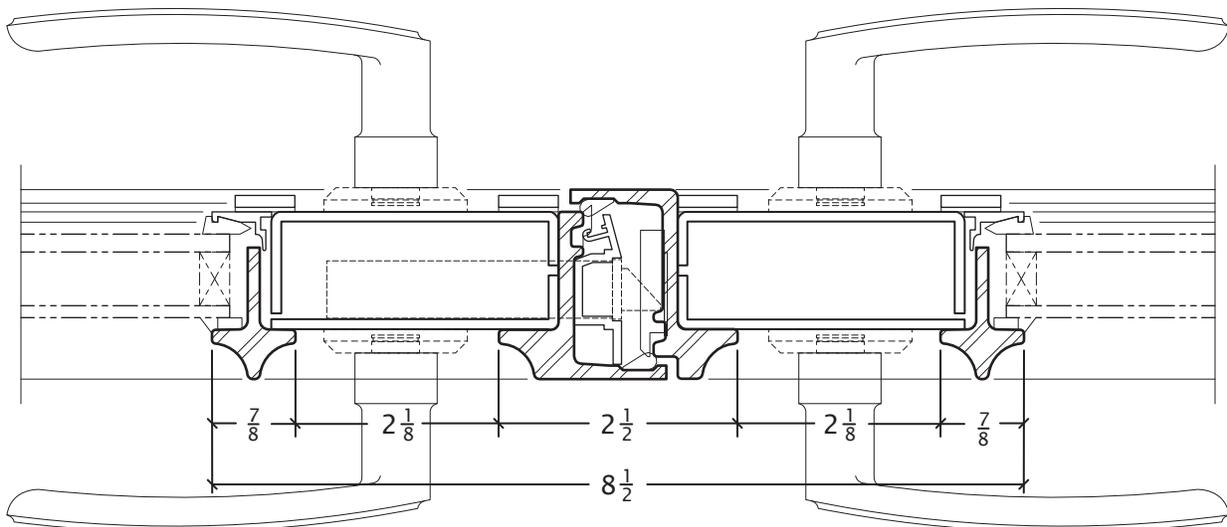
20 DOUBLE FOLDING MEETING RAIL



21 LOCKBOX AT JAMB



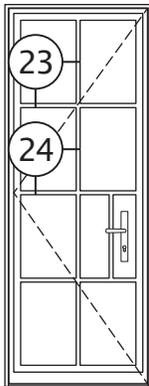
22 LOCKBOX AT DOUBLE FOLDING MEETING RAIL



Details are half scale and shown with 7/8" thick glass. See page 15 for additional glass thickness and glazing bead options.
All Hope's products are custom manufactured to your specific project requirements.

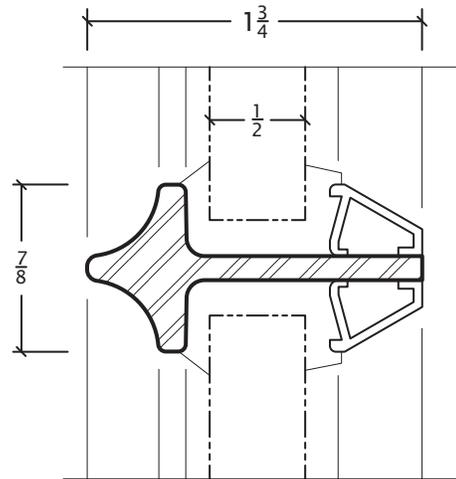


Swing Door

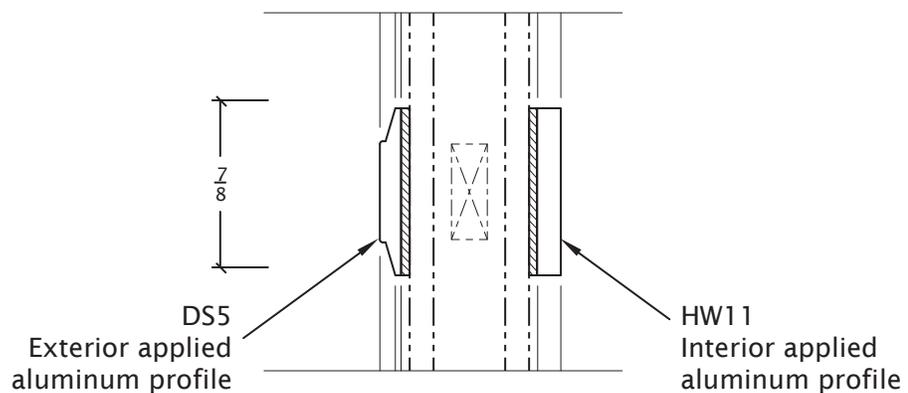
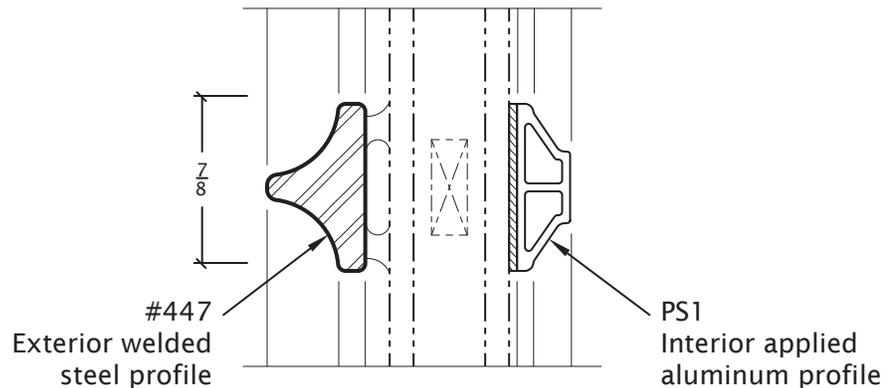


Custom Formed Swing Door

23 TRUE DIVIDED LITE MUNTIN PROFILES

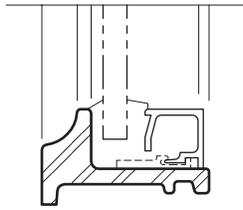


24 SIMULATED DIVIDED LITE MUNTIN PROFILES

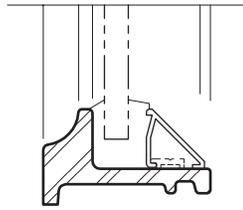


Details are full scale. Consult *Muntins, Mullions, Stacks & Deflection Channels* section of Hope's Architectural Binder for additional profile options. All Hope's products are custom manufactured to your specific project requirements.

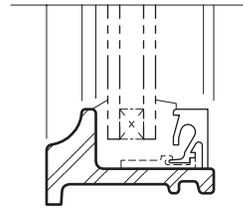
SNAP-IN GLAZING BEADS



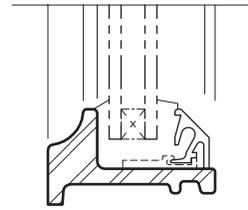
1/4" GLASS
#40 BEAD



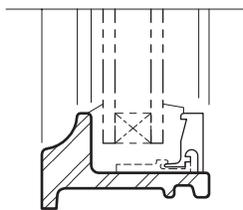
1/4" GLASS
#240 BEAD



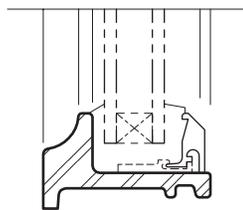
1/2" GLASS
#41 BEAD



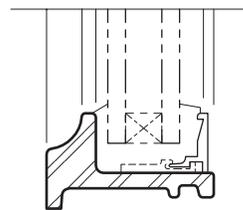
1/2" GLASS
#241 BEAD



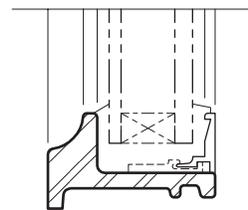
5/8" GLASS
#42 BEAD



5/8" GLASS
#242 BEAD

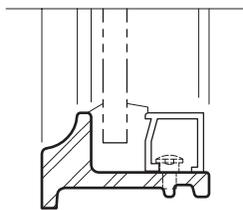


3/4" GLASS
#24112 BEAD

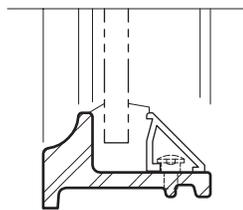


7/8" GLASS
#24112 BEAD

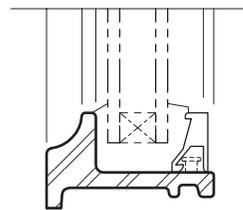
HOOK-ON GLAZING BEADS



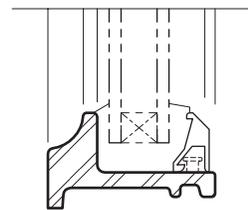
1/4" GLASS
#295 BEAD



1/4" GLASS
#297 BEAD

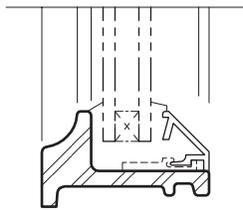


5/8" GLASS
#299 BEAD

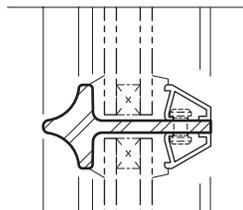


5/8" GLASS
#244 BEAD

GLAZING BEAD OPTIONS FOR USE WITH TDL MUNTINS



1/2" GLASS
#340 BEAD



1/2" GLASS
#283 BEAD

Details are half scale and shown inside glazed.

INTENTIONALLY LEFT BLANK