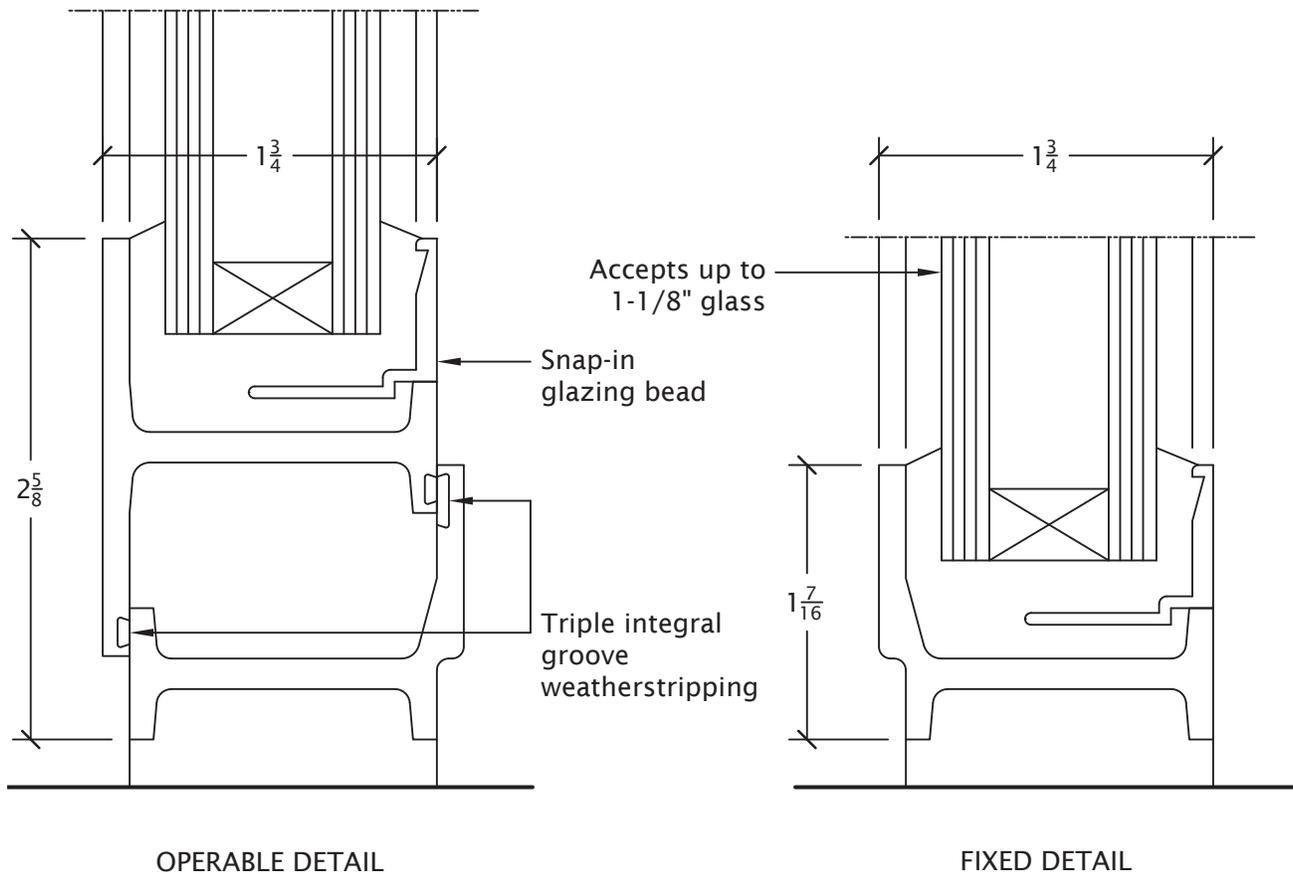


Hope's Jamestown175 Series steel windows are manufactured from heavy custom hot-rolled steel profiles. All frames, ventilators and muntin bars are 1-3/4" in depth.

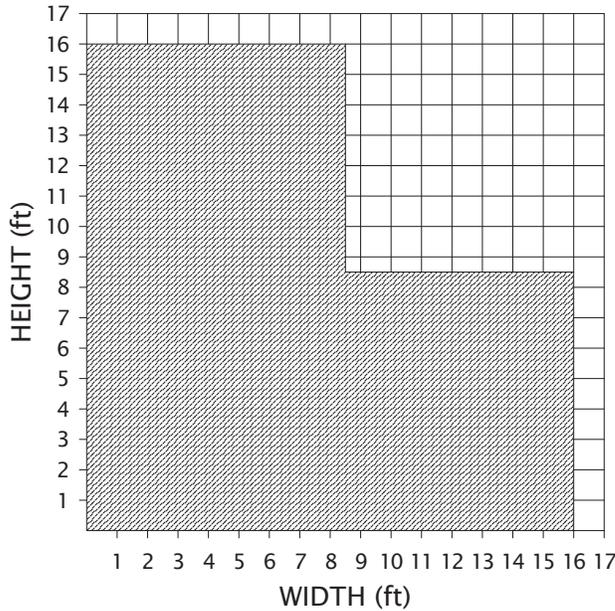
PRODUCT FEATURES

- A 20 percent increase in window profile depth, when compared to Hope's Landmark175™ Series, doubles the moment of inertia (I-value). Improved structural integrity results in larger window sizes without extra reinforcing or mullions.
- Accepts up to 1-1/8" thick glass with flush snap-in glazing beads
- Triple integral groove weatherstripping
- Solid brass or bronze hardware
- Hope's Power of 5 Finishing System includes cleaning, pretreatment, epoxy e-coat primer, epoxy powder primer and ultrathane polyurethane top coat.

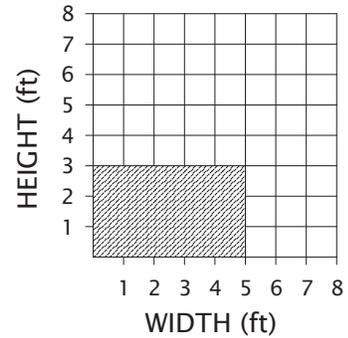


Details are full scale.

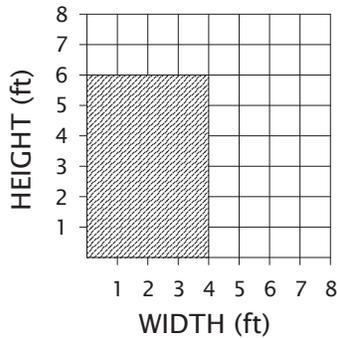
FIXED WINDOWS



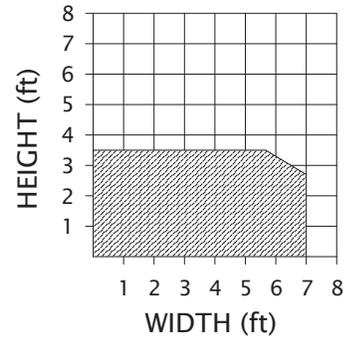
PROJECT-IN VENTILATORS



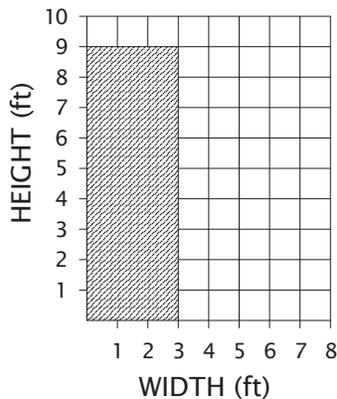
PROJECT-OUT VENTILATORS



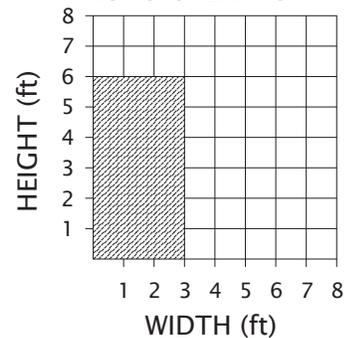
MOTORIZED OPERATOR



CASEMENT VENTILATORS

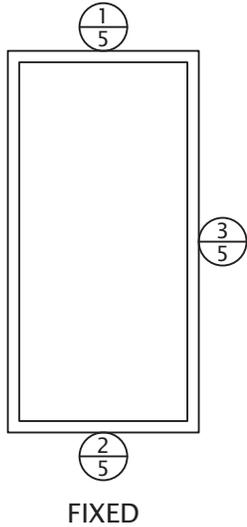


ROTO OPERATOR

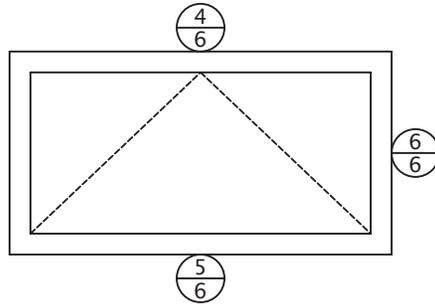


NOTE: Casements over 60" tall limited to 20° opening

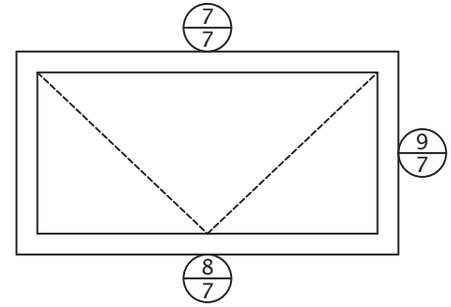
Size based on 1" insulating glass with 1/4" panes.
For requirements exceeding the sizes shown, consult Hope's for design alternatives.



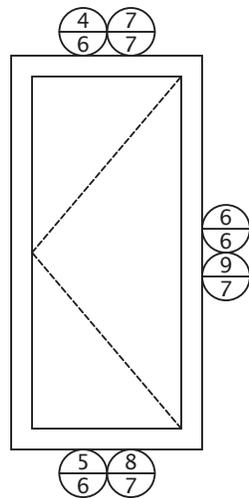
FIXED



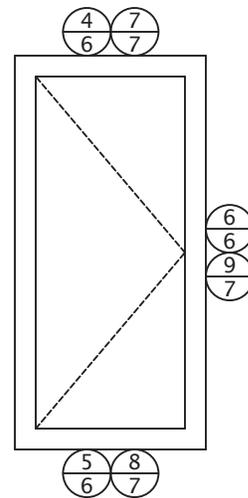
PROJECT-OUT



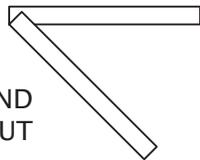
PROJECT-IN



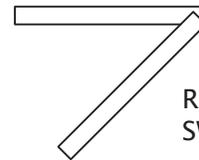
SIDE HUNG-OUT
SIDE HUNG-IN
CASEMENT



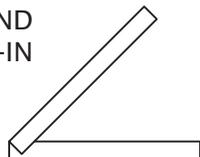
LEFT HAND
SWING-OUT



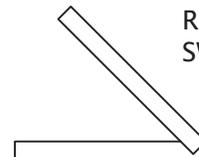
RIGHT HAND
SWING-OUT



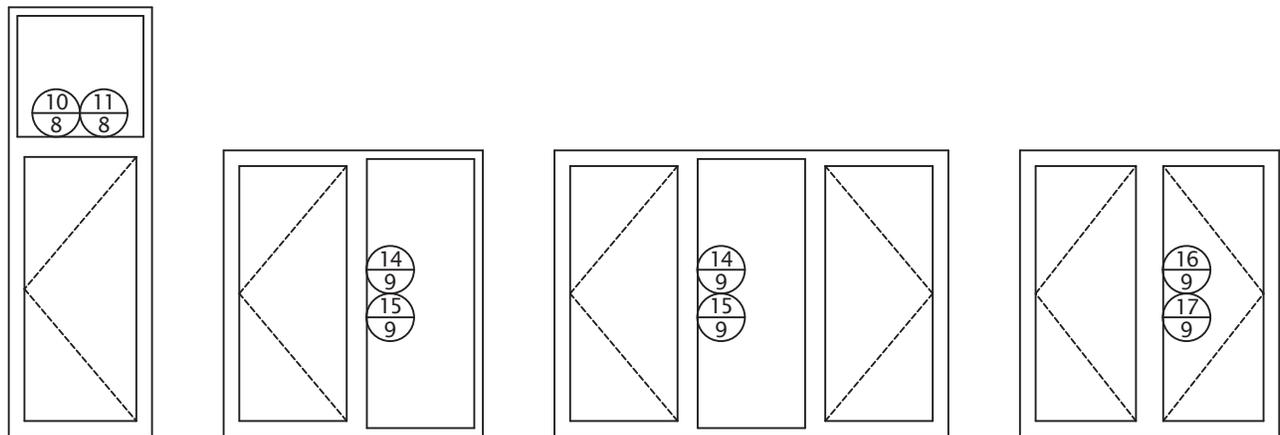
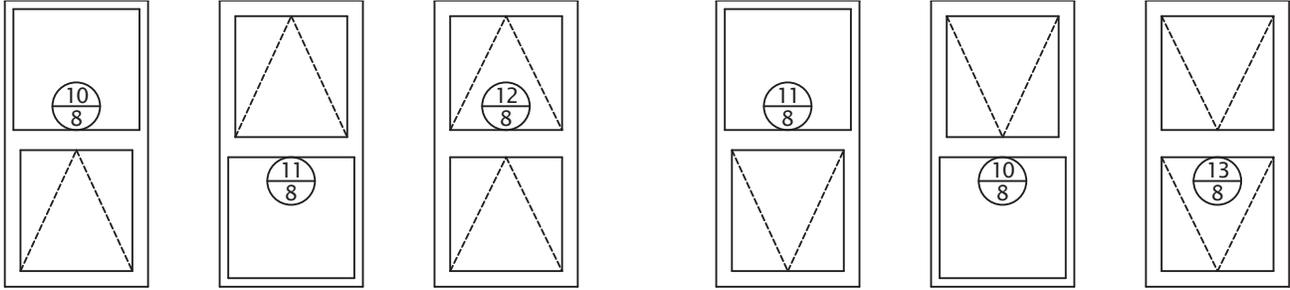
LEFT HAND
SWING-IN



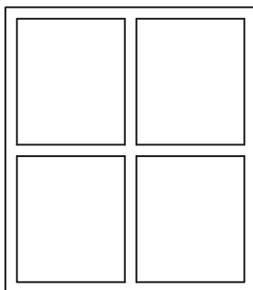
RIGHT HAND
SWING-IN



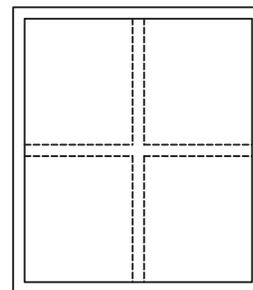
Elevations are for detail reference only. Elevations are not to scale.
All Hope's products are custom manufactured for your specific project requirements.



TRUE
DIVIDED
LITES (TDL)



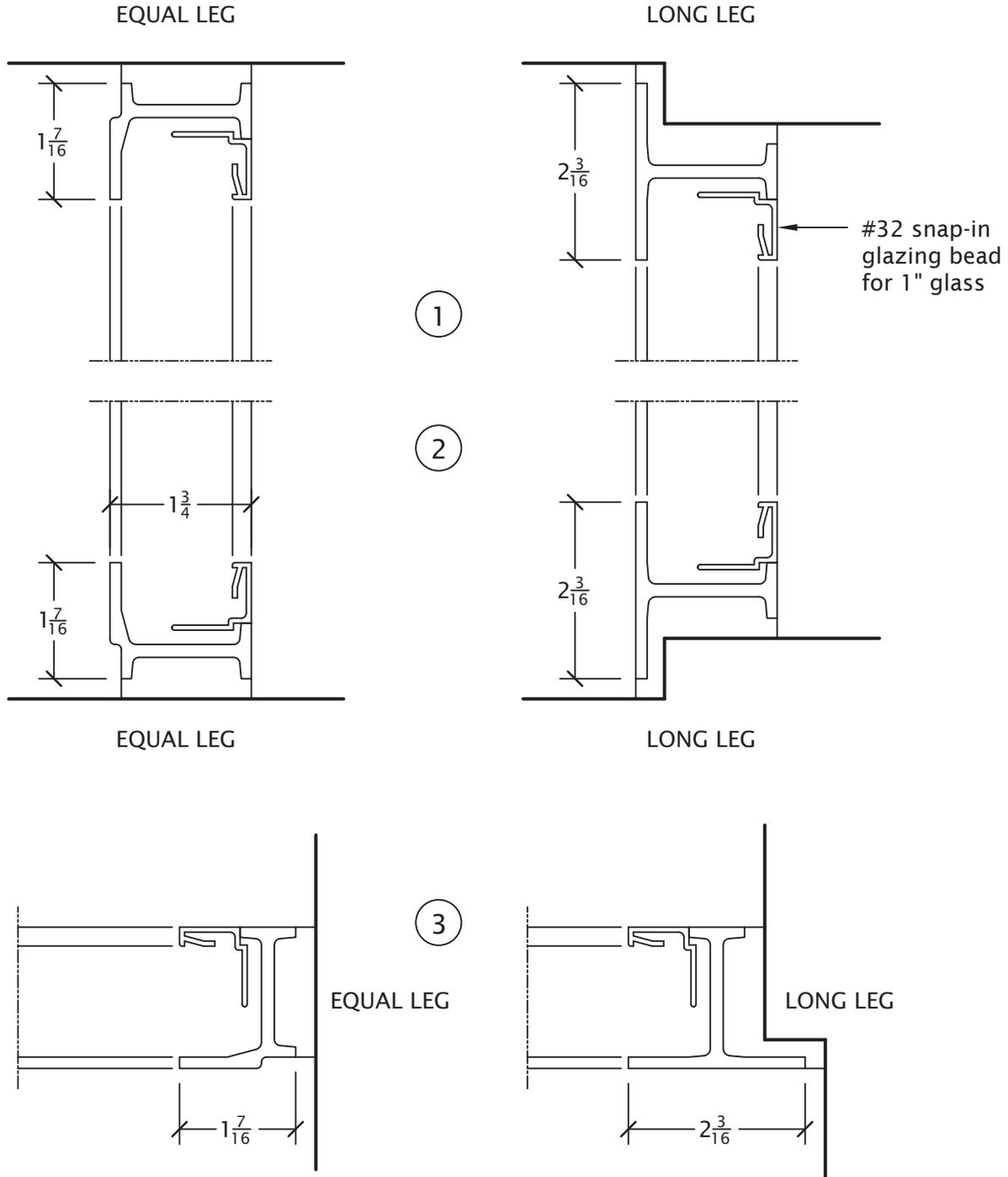
FOR TRUE AND SIMULATED
DIVIDED LITES
SEE "MUNTINS, MULLIONS,
STACKS AND DEFLECTION
CHANNELS" SECTION



SIMULATED
DIVIDED
LITES (SDL)

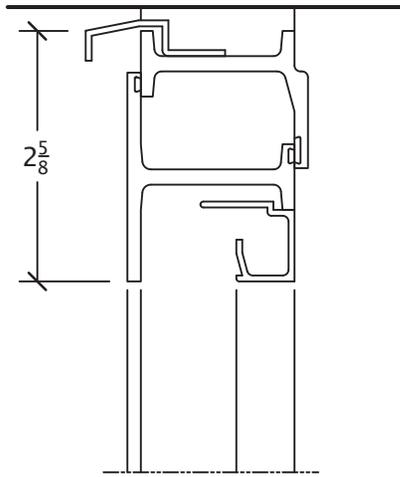
(MUNTIN
GRIDS)

Elevations are for detail reference only. Elevations are not to scale.
All Hope's products are custom manufactured for your specific project requirements.



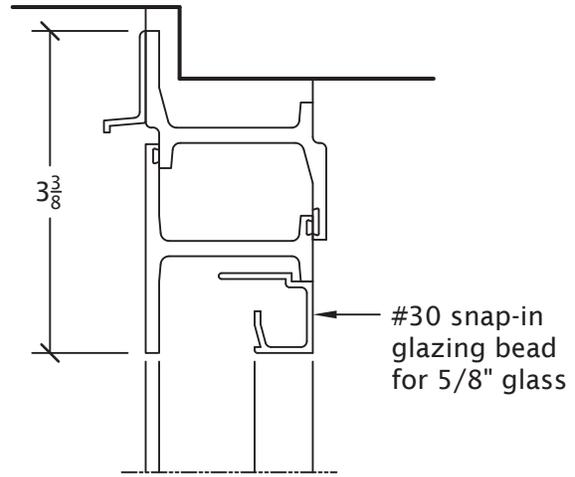
Details are half scale and shown inside glazed with 1" glass.
See page 10 for further glazing bead options.

EQUAL LEG

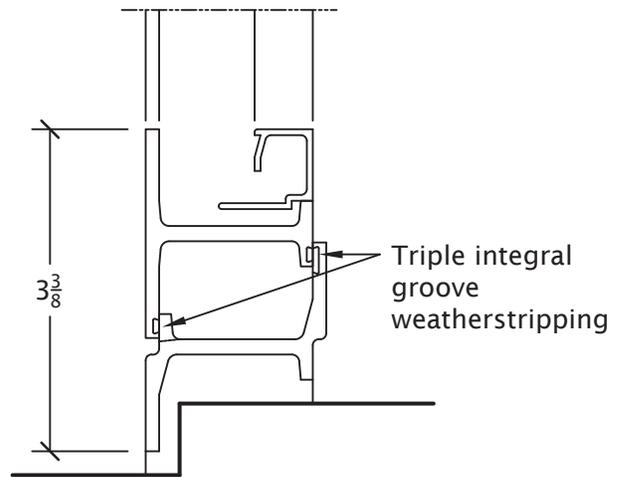
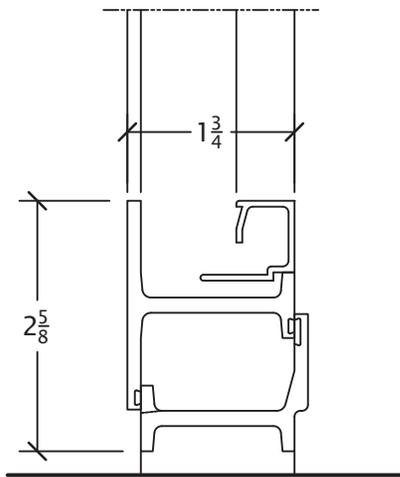


4

LONG LEG



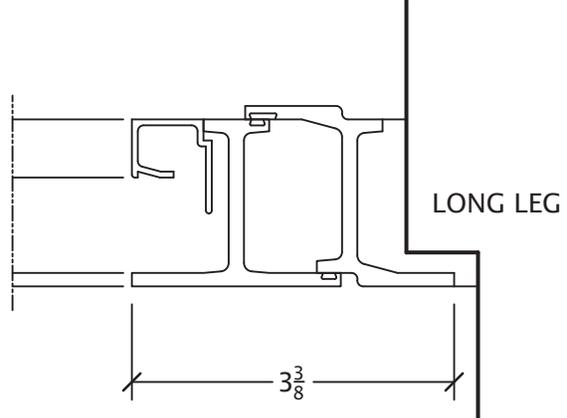
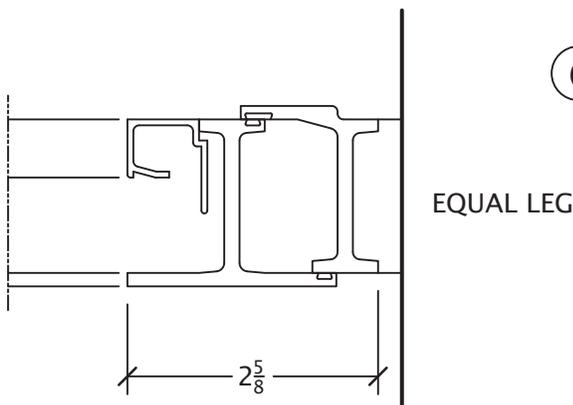
5



EQUAL LEG

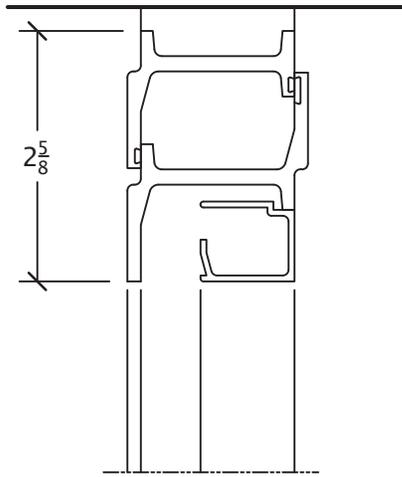
LONG LEG

6



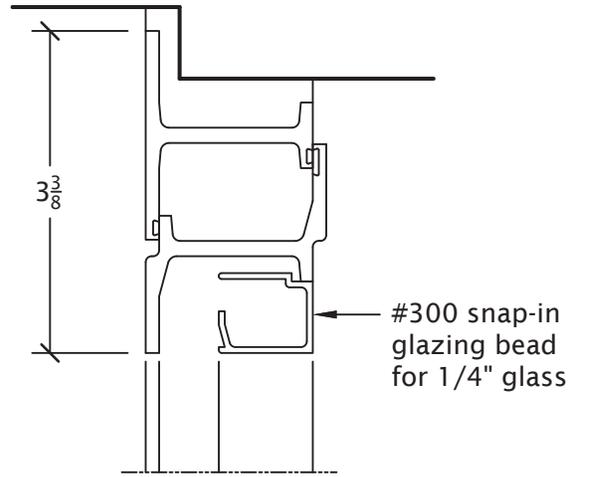
Details are half scale and shown inside glazed with 5/8" glass.
See page 10 for further glazing bead options.

EQUAL LEG

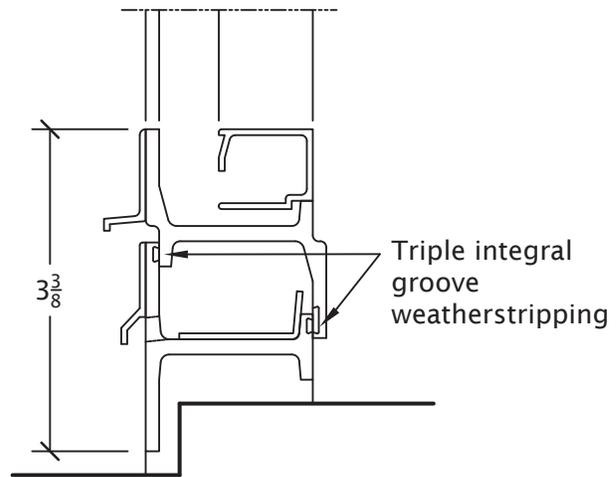
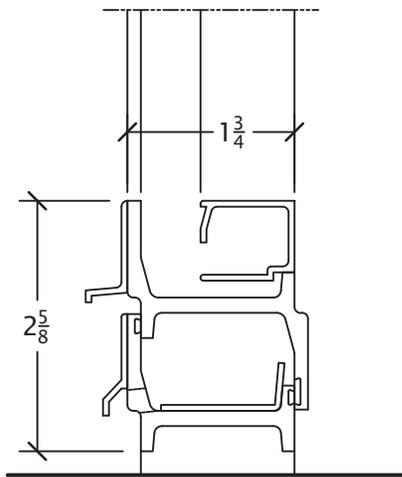


7

LONG LEG



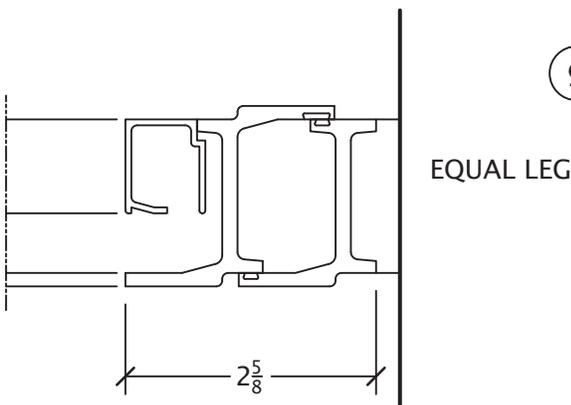
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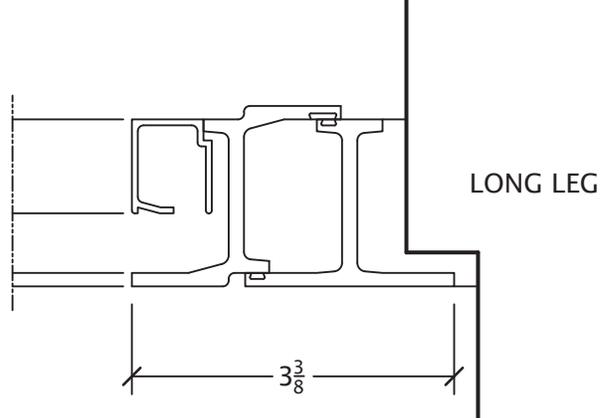
EQUAL LEG

LONG LEG

9

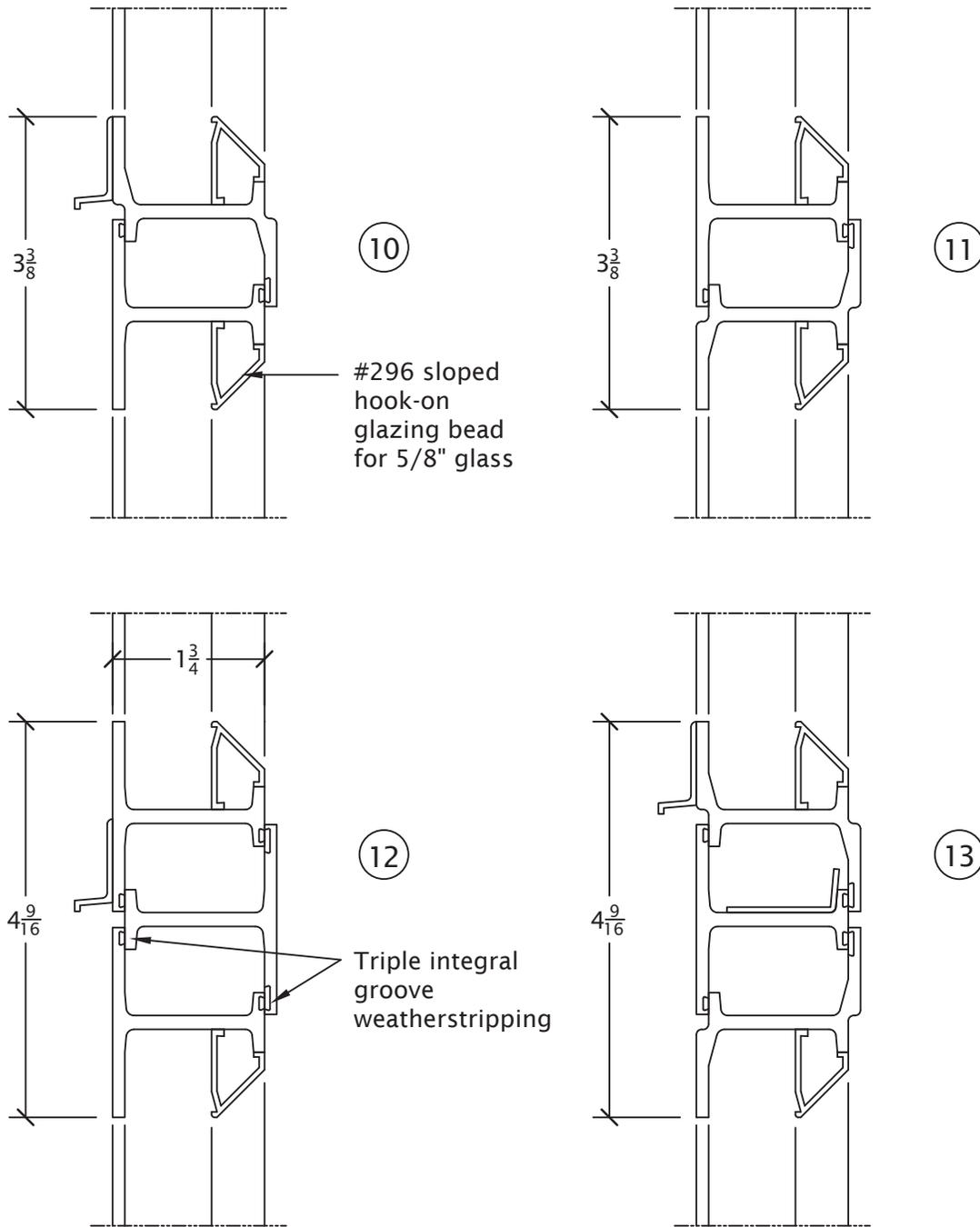


EQUAL LEG

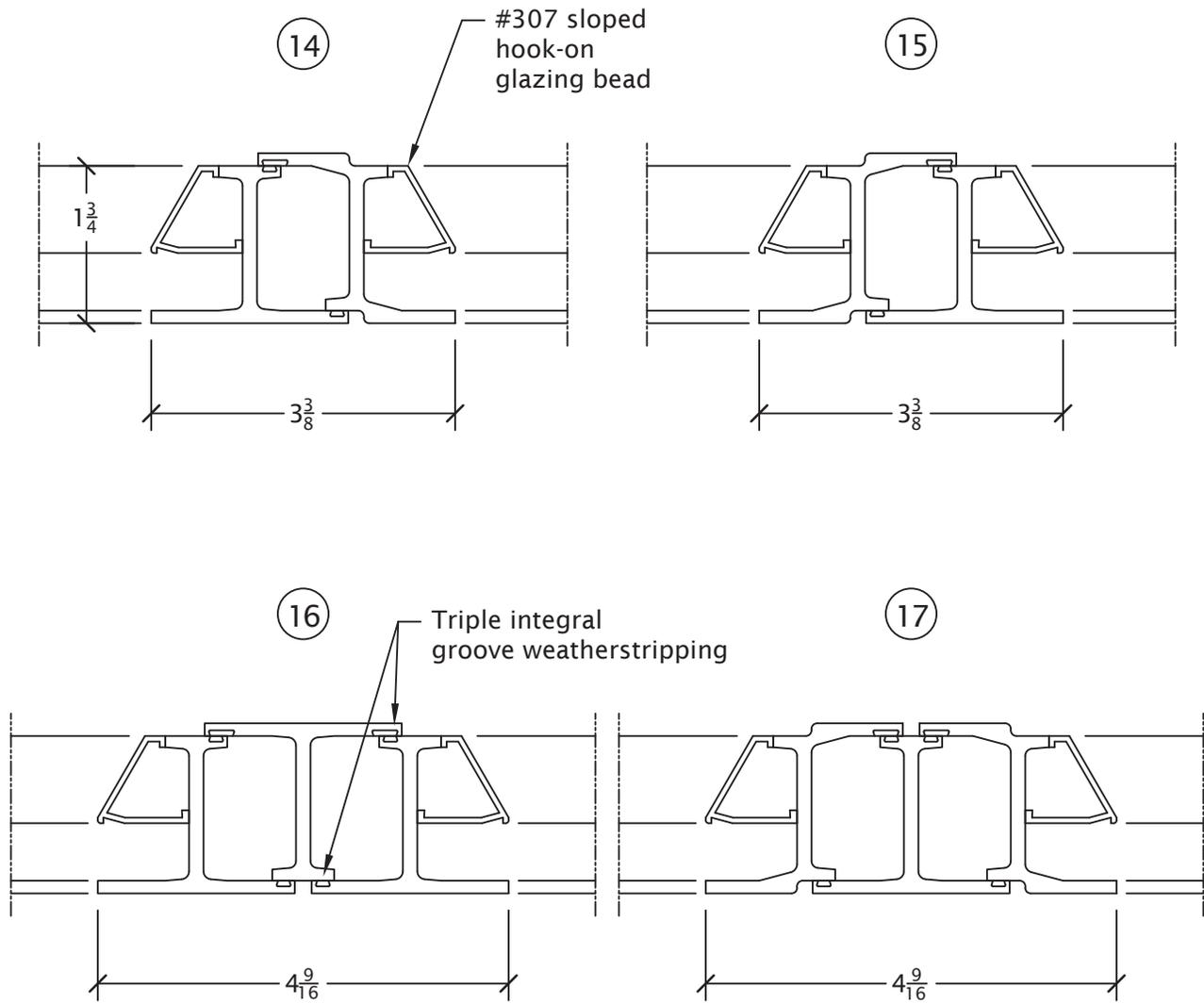


LONG LEG

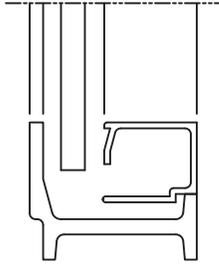
Details are half scale and shown inside glazed with 1/4" glass.
See page 10 for further glazing bead options.



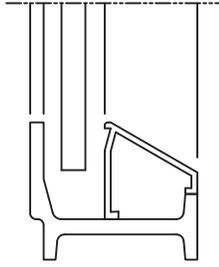
Details are half scale and shown inside glazed with 5/8" glass.
See page 10 for further glazing bead options.



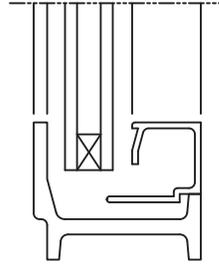
Details are half scale and shown inside glazed with 1/4" glass.
See page 10 for further glazing bead options.



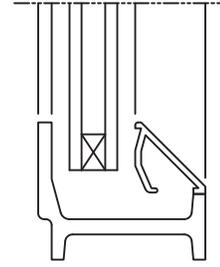
1/4" GLASS
#300 BEAD



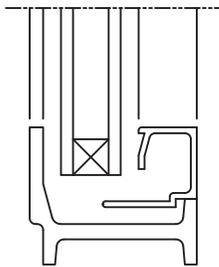
1/4" GLASS
#307 BEAD



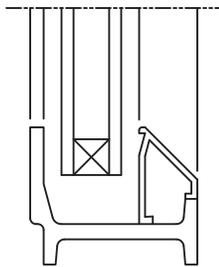
1/2" GLASS
#302 BEAD



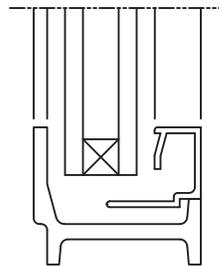
1/2" GLASS
#303 BEAD



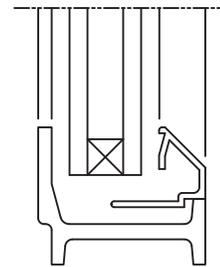
5/8" GLASS
#30 BEAD



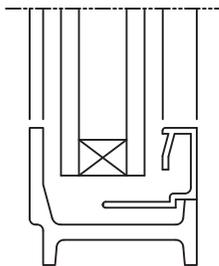
5/8" GLASS
#296 BEAD



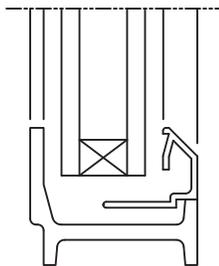
3/4" GLASS
#304 BEAD



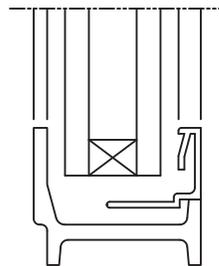
3/4" GLASS
#305 BEAD



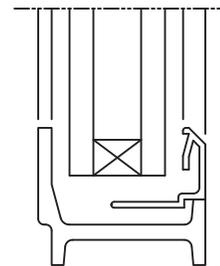
7/8" GLASS
#31 BEAD



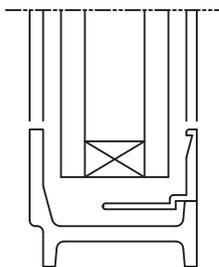
7/8" GLASS
#231 BEAD



1" GLASS
#32 BEAD



1" GLASS
#232 BEAD



1-1/8" GLASS
#33 BEAD

GLAZING BEAD NOTES

Hope's offers various types of glazing beads including: snap-in, hook-on and screw-on.

Consult Hope's for other options.

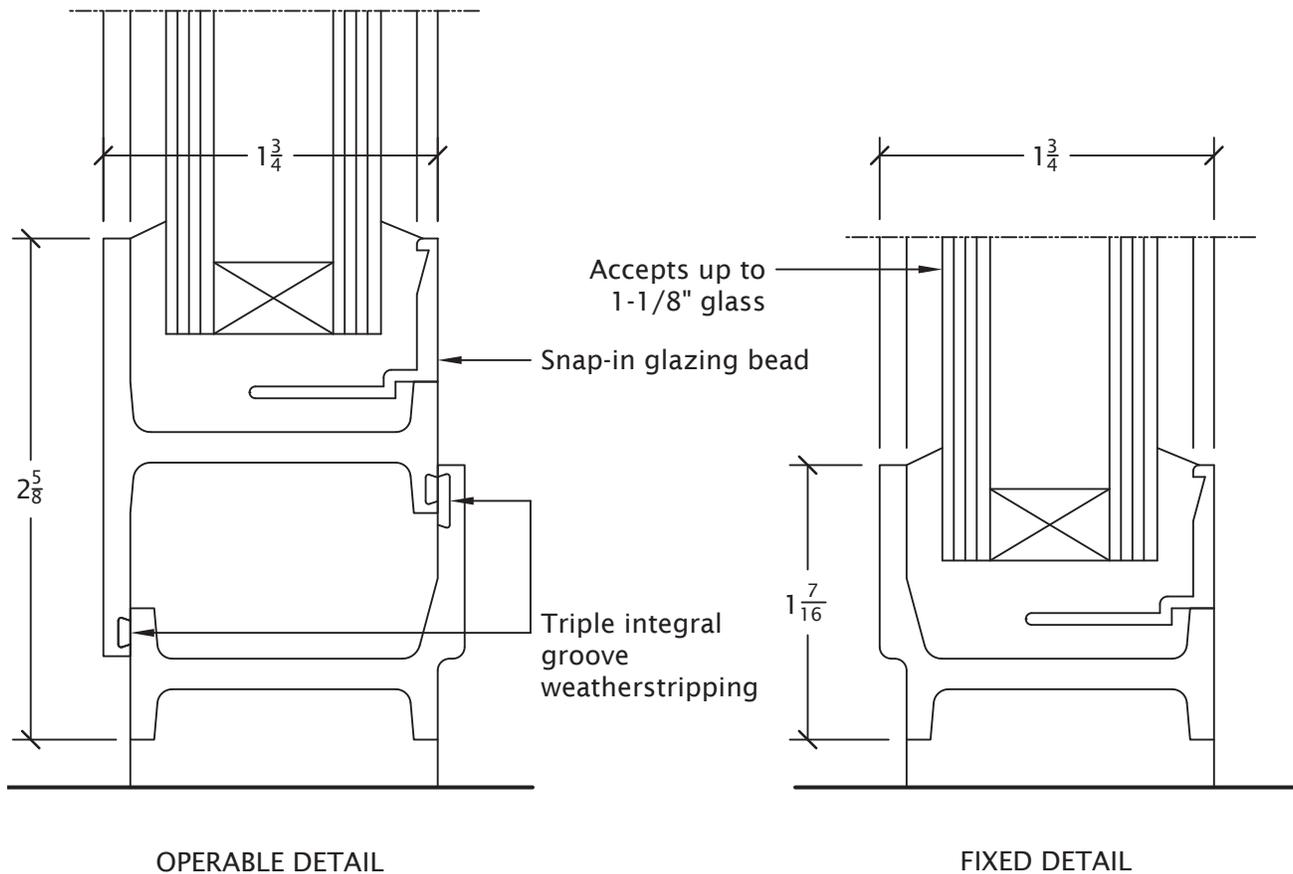
All true divided lite muntins have corresponding glazing beads to match the perimeter profiles.

Details are half scale and shown inside glazed.

The classic heavy custom steel window, manufactured with hot-rolled steel profiles, is available in these specialty configurations. Top hung-out ventilators are designed to accommodate larger ventilators than the typical project-out. Horizontally pivoted windows are commonly used in industrial applications where pole or chain access from the floor is required. Vertically pivoted windows are commonly used in configurations where cleaning adjacent fixed windows is required in a long run of windows.

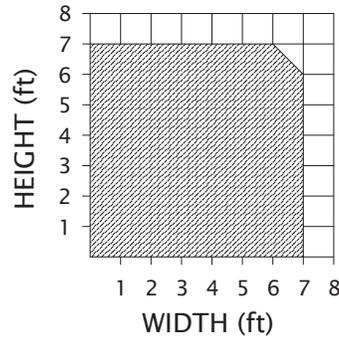
PRODUCT FEATURES

- Window profile depth of 1-3/4" increases the moment of inertia (I-value) and presents the opportunity to accommodate larger window sizes without extra reinforcing or mullions
- This strength allows for larger ventilator sizes without compromising performance
- Accepts up to 1-1/8" thick insulating glass with flush glazing beads
- Triple integral groove weatherstripping
- Solid brass or bronze hardware
- Hope's Power of 5 Finishing System includes cleaning, pretreatment, epoxy e-coat primer, epoxy powder primer and ultrathane polyurethane top coat.

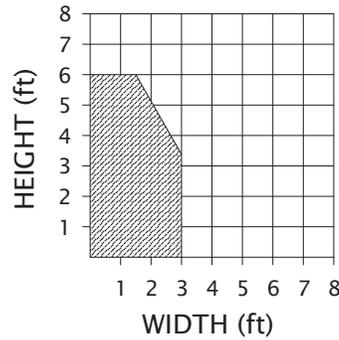


Details are full scale.

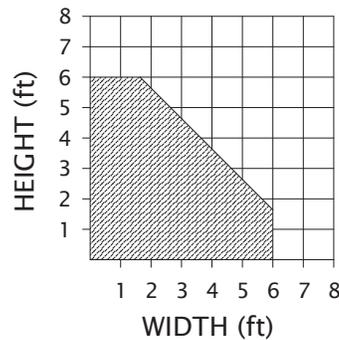
TOP HUNG-OUT VENTILATORS



VERTICALLY PIVOTED VENTILATORS

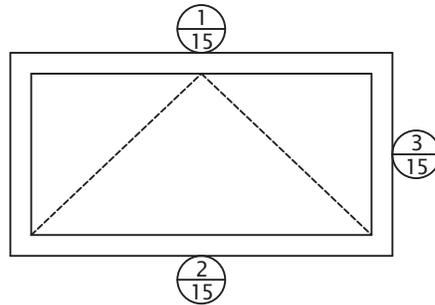


HORIZONTALLY PIVOTED VENTILATORS

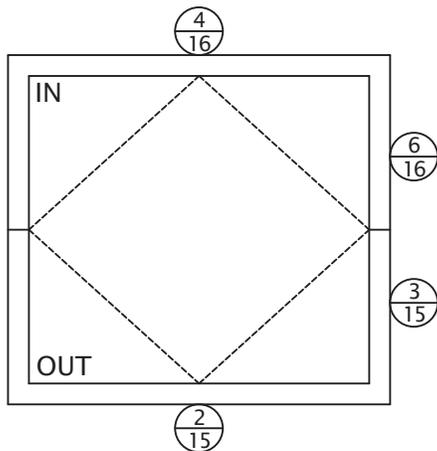


Size based on 1" insulating glass with 1/4" panes.
For requirements exceeding the sizes shown, consult Hope's for design alternatives.

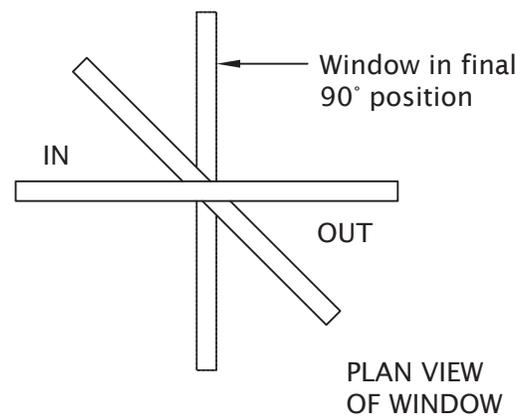
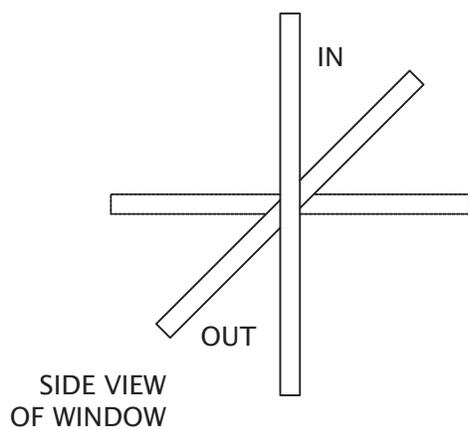
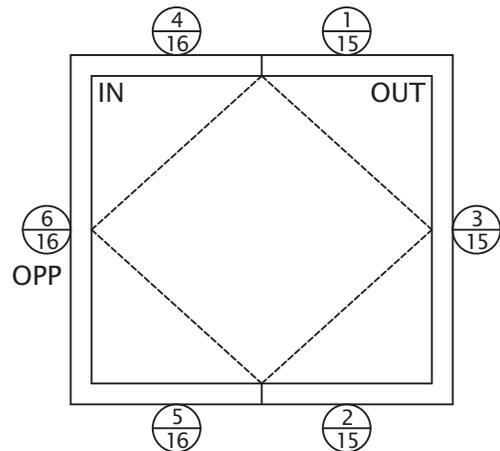
TOP HUNG-OUT



HORIZONTALLY PIVOTED

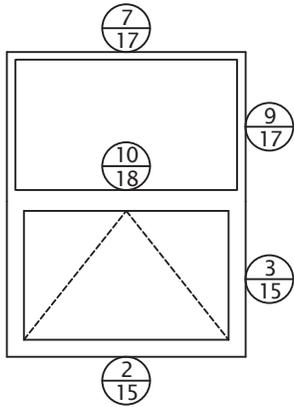


VERTICALLY PIVOTED

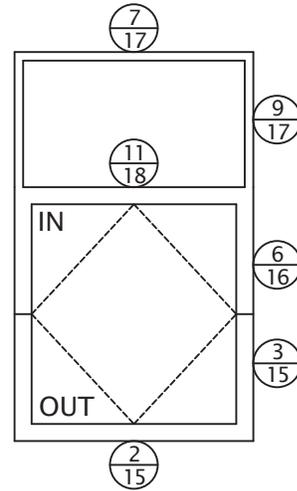


Elevations are for detail reference only. Elevations are not to scale.
All Hope's products are custom manufactured for your specific project requirements.

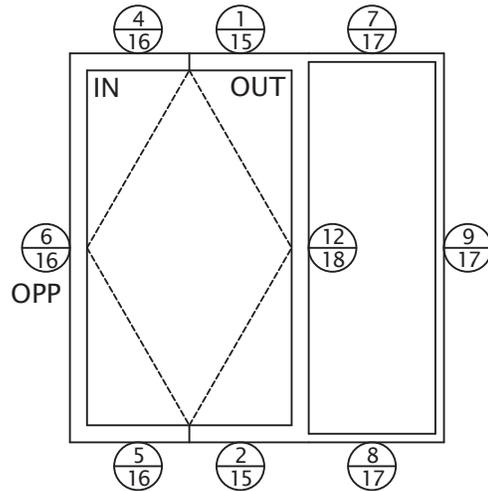
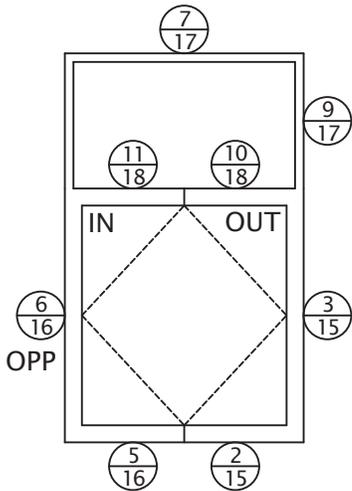
TOP HUNG-OUT



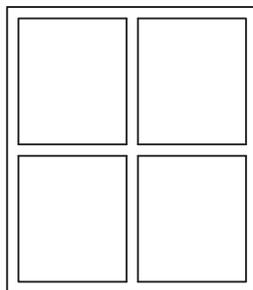
HORIZONTALLY PIVOTED



VERTICALLY PIVOTED



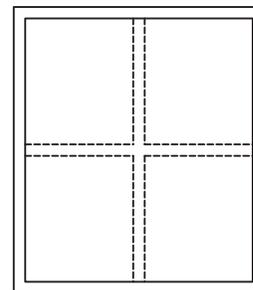
TRUE
DIVIDED
LITES (TDL)



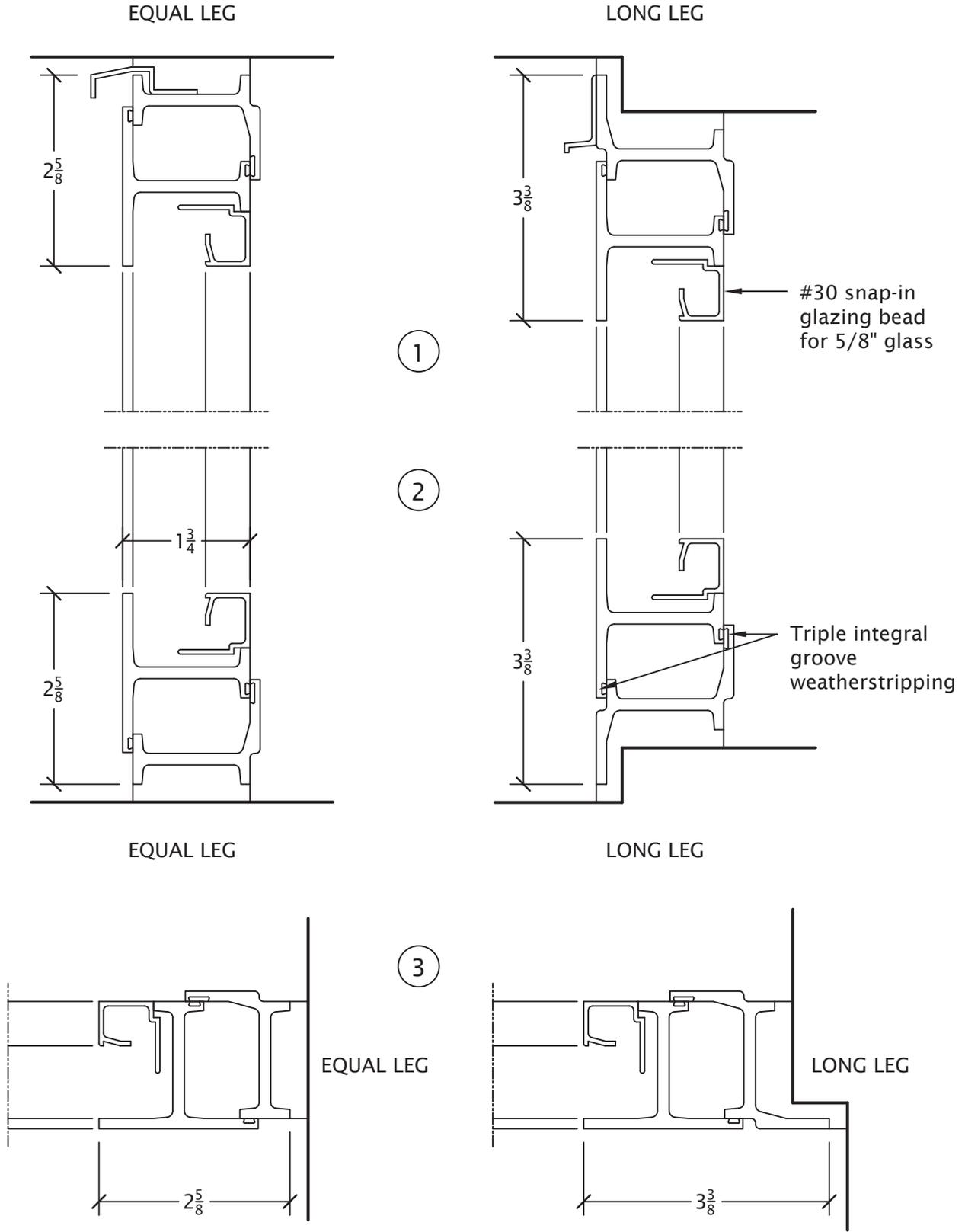
FOR TRUE AND SIMULATED
DIVIDED LITES
SEE "MUNTINS, MULLIONS,
STACKS AND DEFLECTION
CHANNELS" SECTION

SIMULATED
DIVIDED
LITES (SDL)

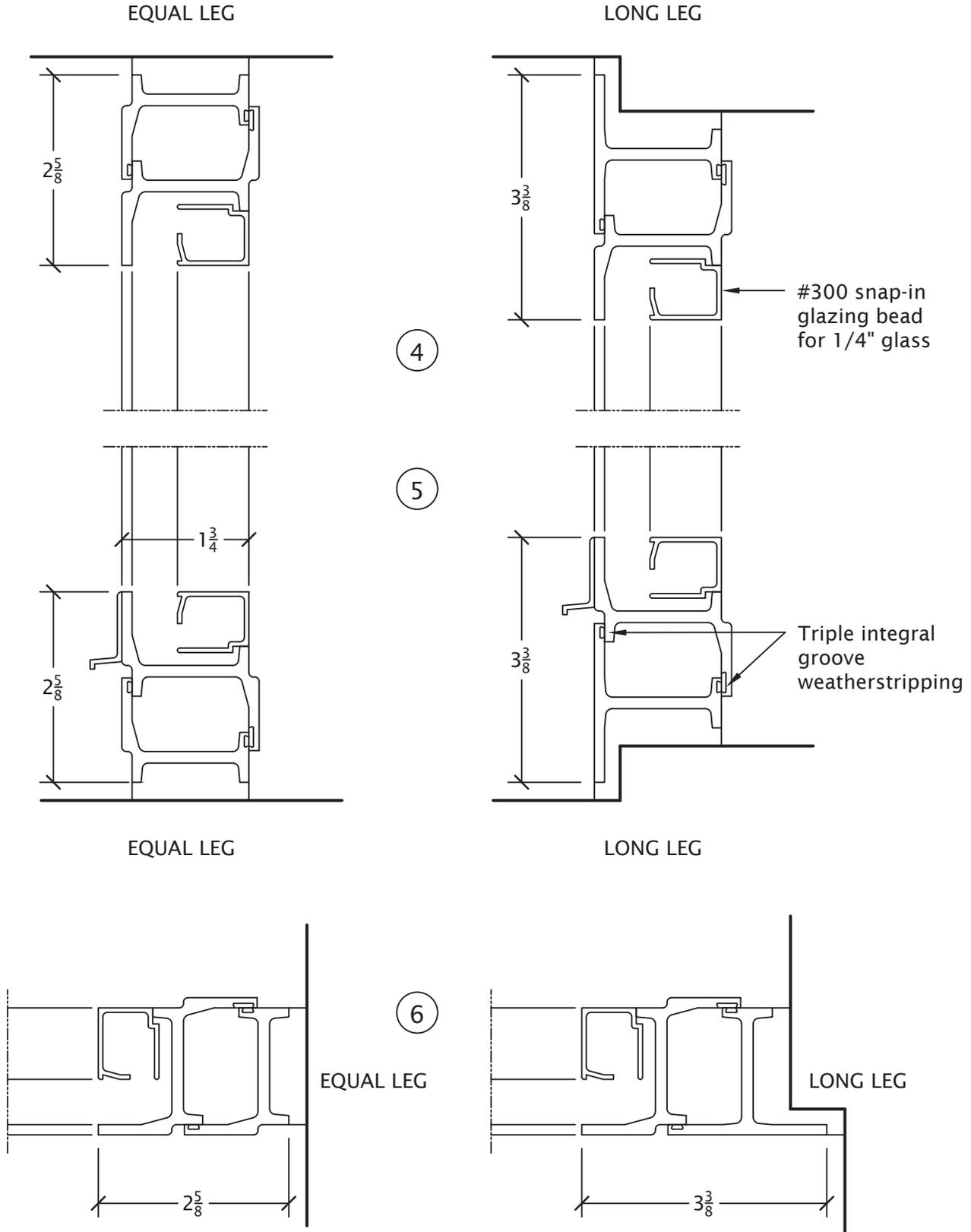
(MUNTIN
GRIDS)



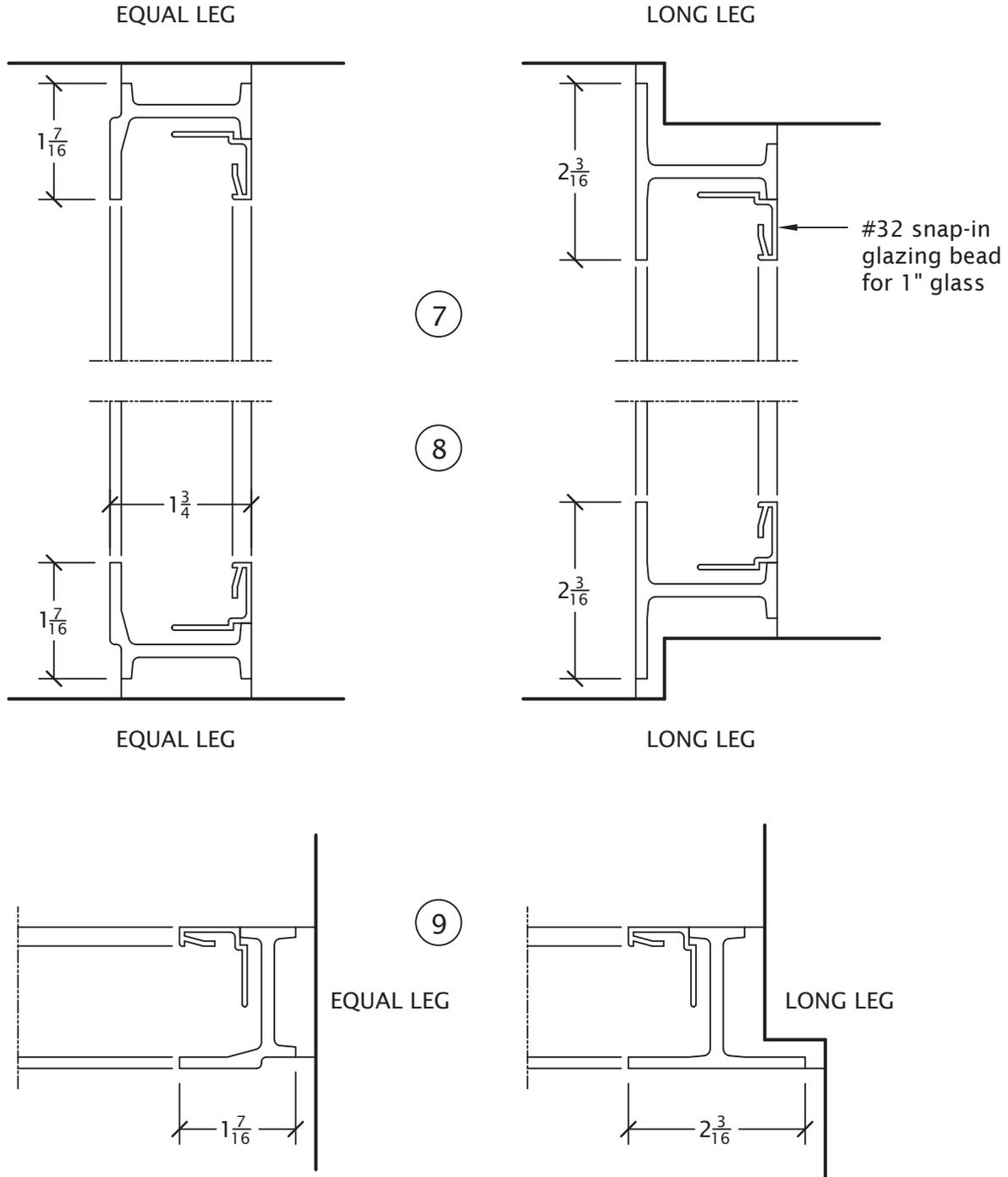
Elevations are for detail reference only. Elevations are not to scale.
All Hope's products are custom manufactured for your specific project requirements.



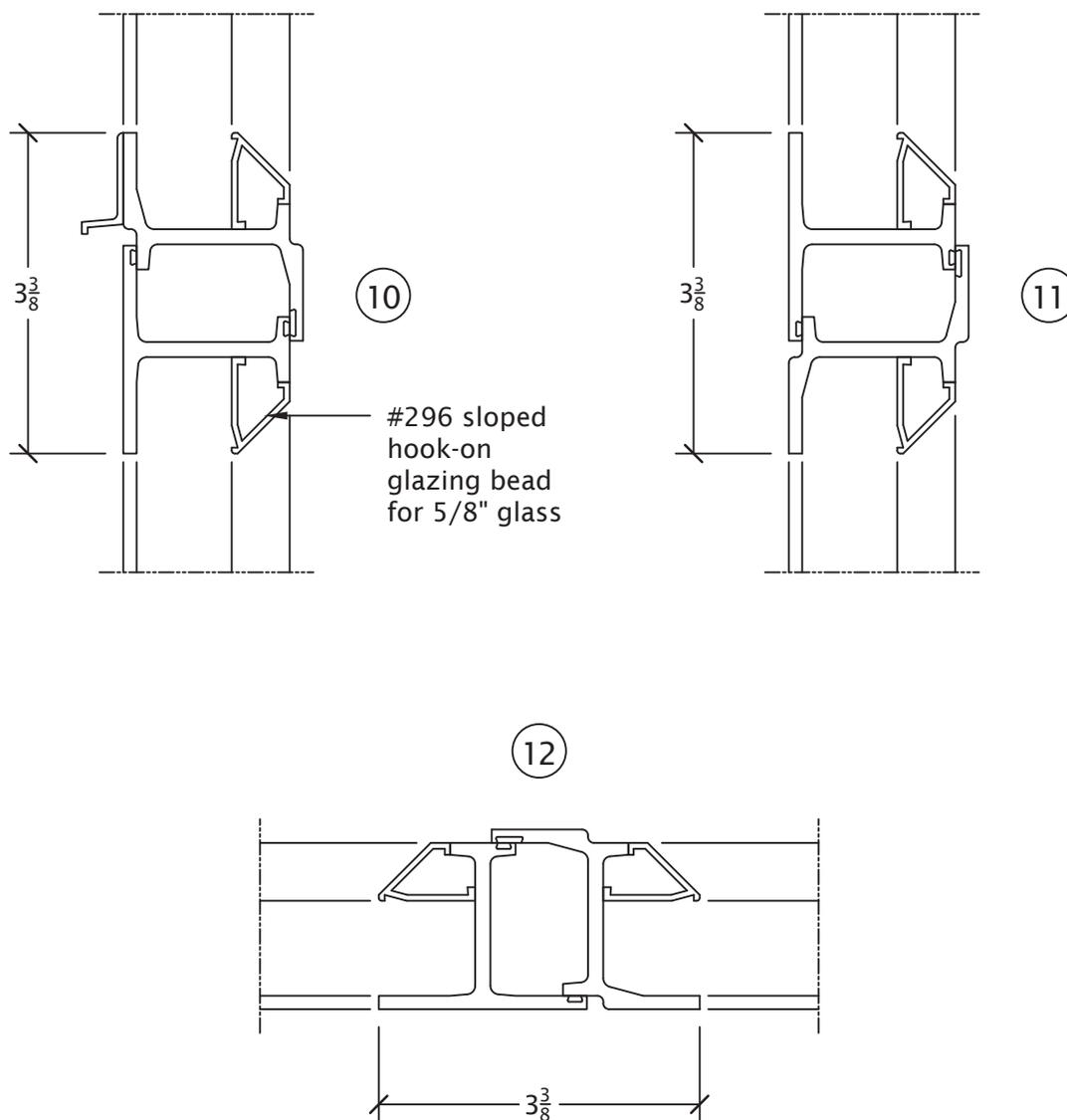
Details are half scale and shown inside glazed with 5/8" glass.
See page 19 for further glazing bead options.



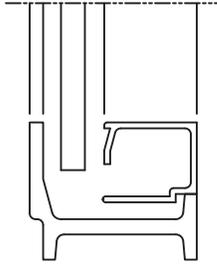
Details are half scale and shown inside glazed with 1/4" glass.
See page 19 for further glazing bead options.



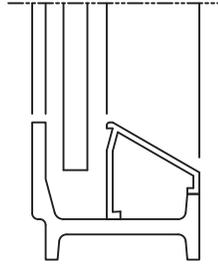
Details are half scale and shown inside glazed with 1" glass.
See page 19 for further glazing bead options.



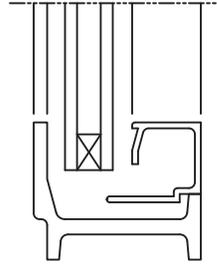
Details are half scale and shown inside glazed with 5/8" glass.
See page 19 for further glazing bead options.



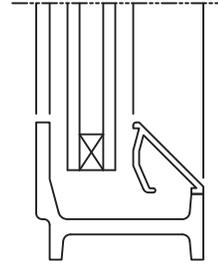
1/4" GLASS
#300 BEAD



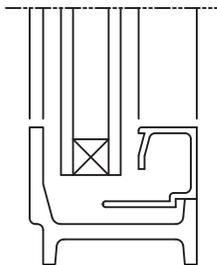
1/4" GLASS
#307 BEAD



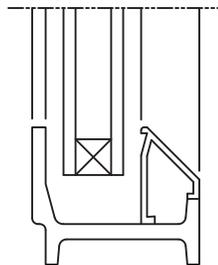
1/2" GLASS
#302 BEAD



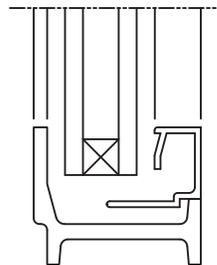
1/2" GLASS
#303 BEAD



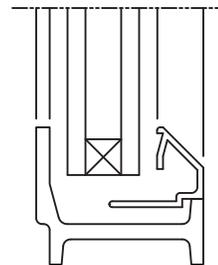
5/8" GLASS
#30 BEAD



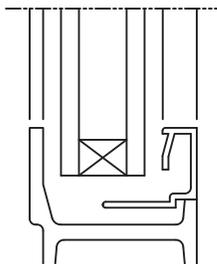
5/8" GLASS
#296 BEAD



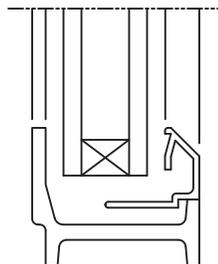
3/4" GLASS
#304 BEAD



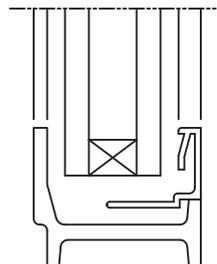
3/4" GLASS
#305 BEAD



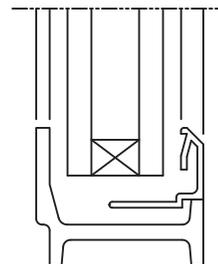
7/8" GLASS
#31 BEAD



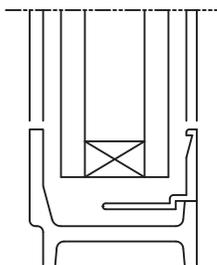
7/8" GLASS
#231 BEAD



1" GLASS
#32 BEAD



1" GLASS
#232 BEAD



1-1/8" GLASS
#33 BEAD

GLAZING BEAD NOTES

Hope's offers various types of glazing beads including: snap-in, hook-on and screw-on.

Consult Hope's for other options.

All true divided lite muntins have corresponding glazing beads to match the perimeter profiles.

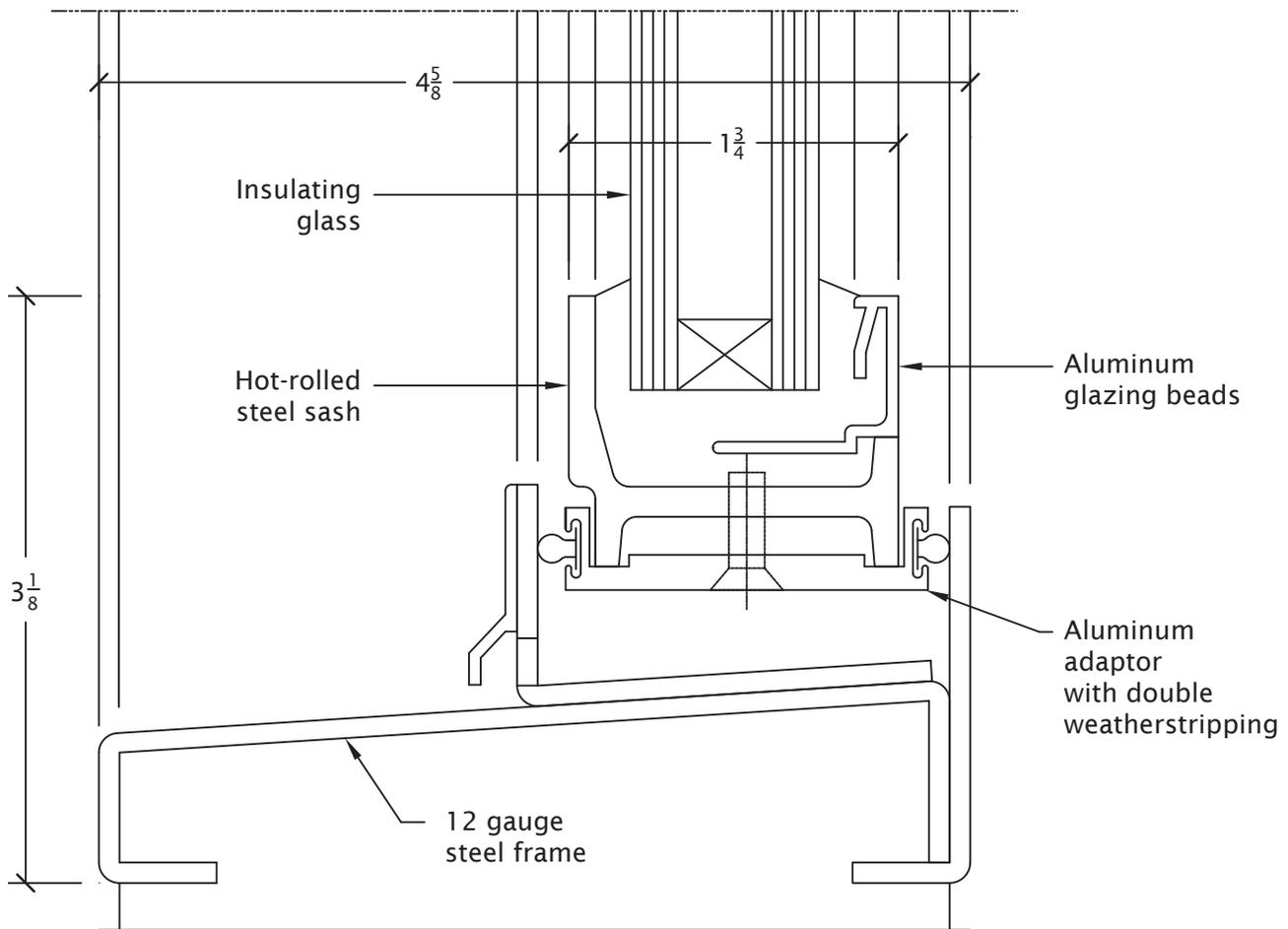
Details are half scale and shown inside glazed.

INTENTIONALLY LEFT BLANK

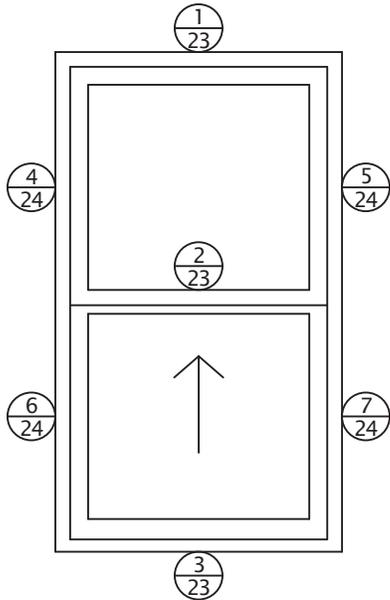
Hope's classic heavy custom steel window is available in single hung configurations. The operable sash are manufactured from hot-rolled steel profiles and have double weatherstripping, while the perimeter frame is custom formed 12 gauge galvanized steel. These windows are designed to accept up to 1-1/8" thick insulating glass.

PRODUCT FEATURES

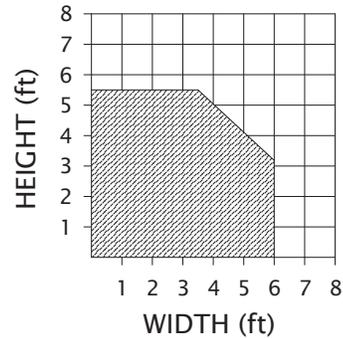
- Ventilators are hung on spiral balances for up to 160 pounds
- Solidly fusion welded sash corners for superior strength and water tightness
- The custom formed steel frame is also solidly welded
- Accepts up to 1-1/8" thick insulating glass
- All ventilators are double weatherstripped with Q-Ion®
- Solid brass or bronze hardware
- Hope's Power of 5 Finishing System includes cleaning, pretreatment, epoxy e-coat primer, epoxy powder primer and ultrathane polyurethane top coat.



Details are full scale.

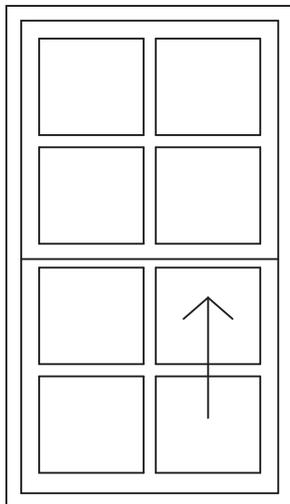


RECOMMENDED SIZES



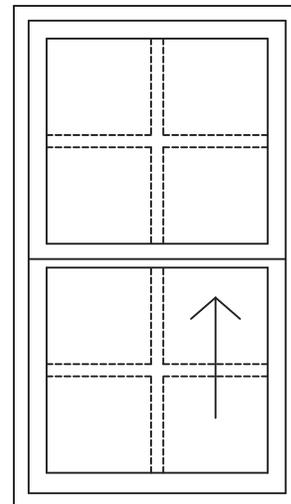
Size based on 1" insulating glass with 1/4" panes.

For requirements exceeding the sizes shown, consult Hope's for design alternatives.



TRUE DIVIDED LITES (TDL)

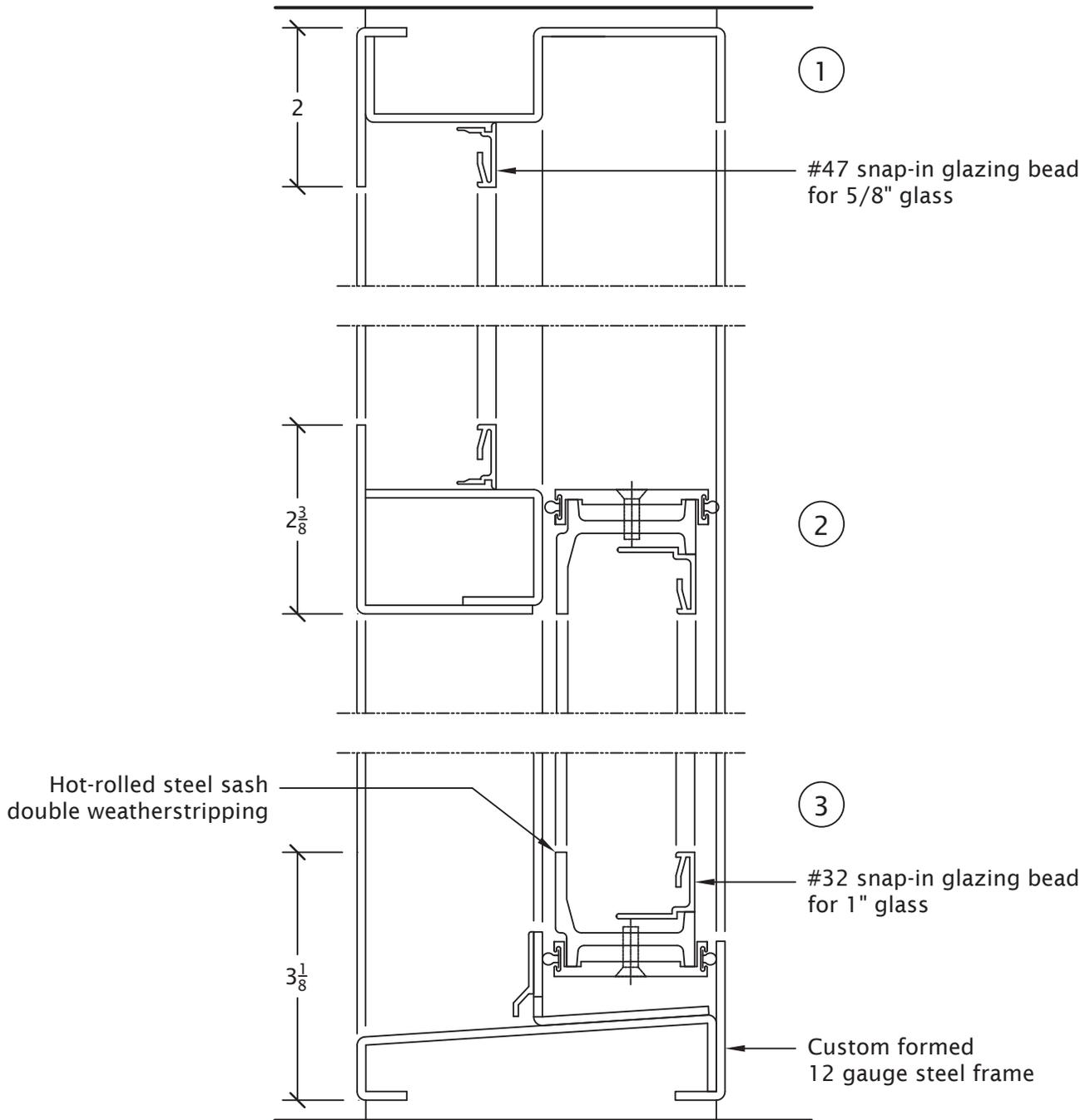
FOR TRUE AND SIMULATED DIVIDED LITES SEE "MUNTINS, MULLIONS, STACKS AND DEFLECTION CHANNELS" SECTION



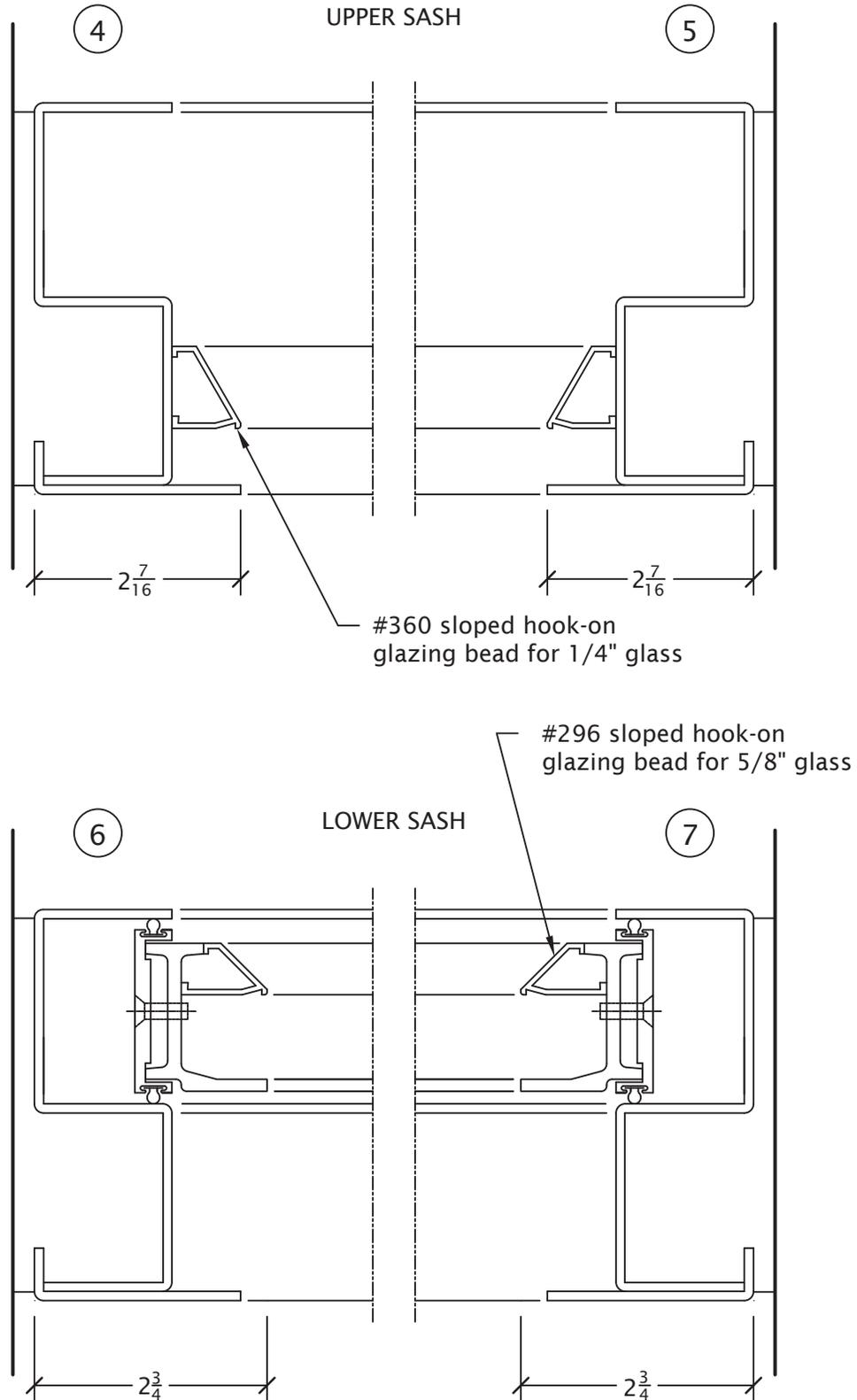
SIMULATED DIVIDED LITES (SDL)

(MUNTIN GRIDS)

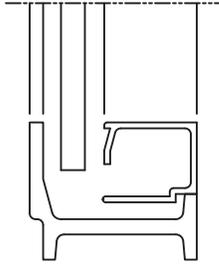
Elevations are for detail reference only. Elevations are not to scale.
All Hope's products are custom manufactured for your specific project requirements.



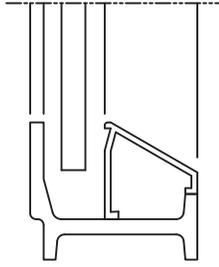
Details are half scale and shown inside glazed.
See page 25 for further glazing bead options.



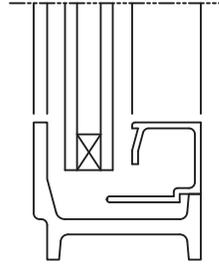
Details are half scale and shown inside glazed.
See page 25 for further glazing bead options.



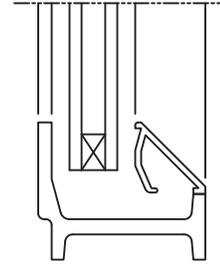
1/4" GLASS
#300 BEAD



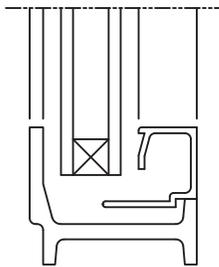
1/4" GLASS
#307 BEAD



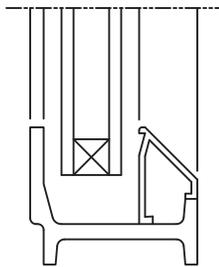
1/2" GLASS
#302 BEAD



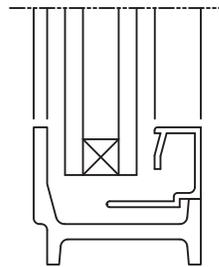
1/2" GLASS
#303 BEAD



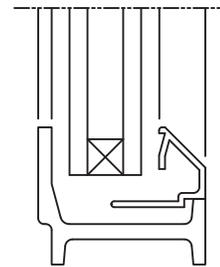
5/8" GLASS
#30 BEAD



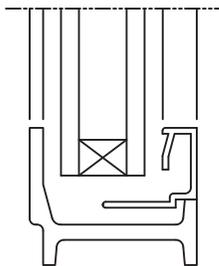
5/8" GLASS
#296 BEAD



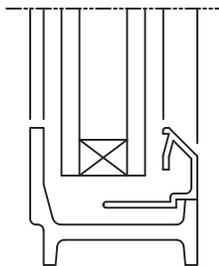
3/4" GLASS
#304 BEAD



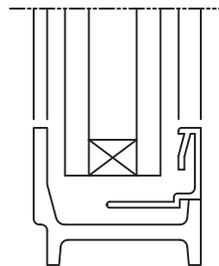
3/4" GLASS
#305 BEAD



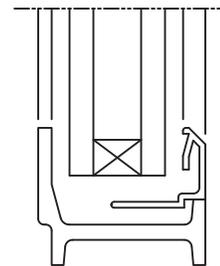
7/8" GLASS
#31 BEAD



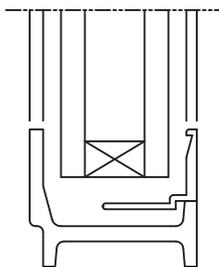
7/8" GLASS
#231 BEAD



1" GLASS
#32 BEAD



1" GLASS
#232 BEAD



1-1/8" GLASS
#33 BEAD

GLAZING BEAD NOTES

Hope's offers various types of glazing beads including: snap-in, hook-on and screw-on.

Consult Hope's for other options.

All true divided lite muntins have corresponding glazing beads to match the perimeter profiles.

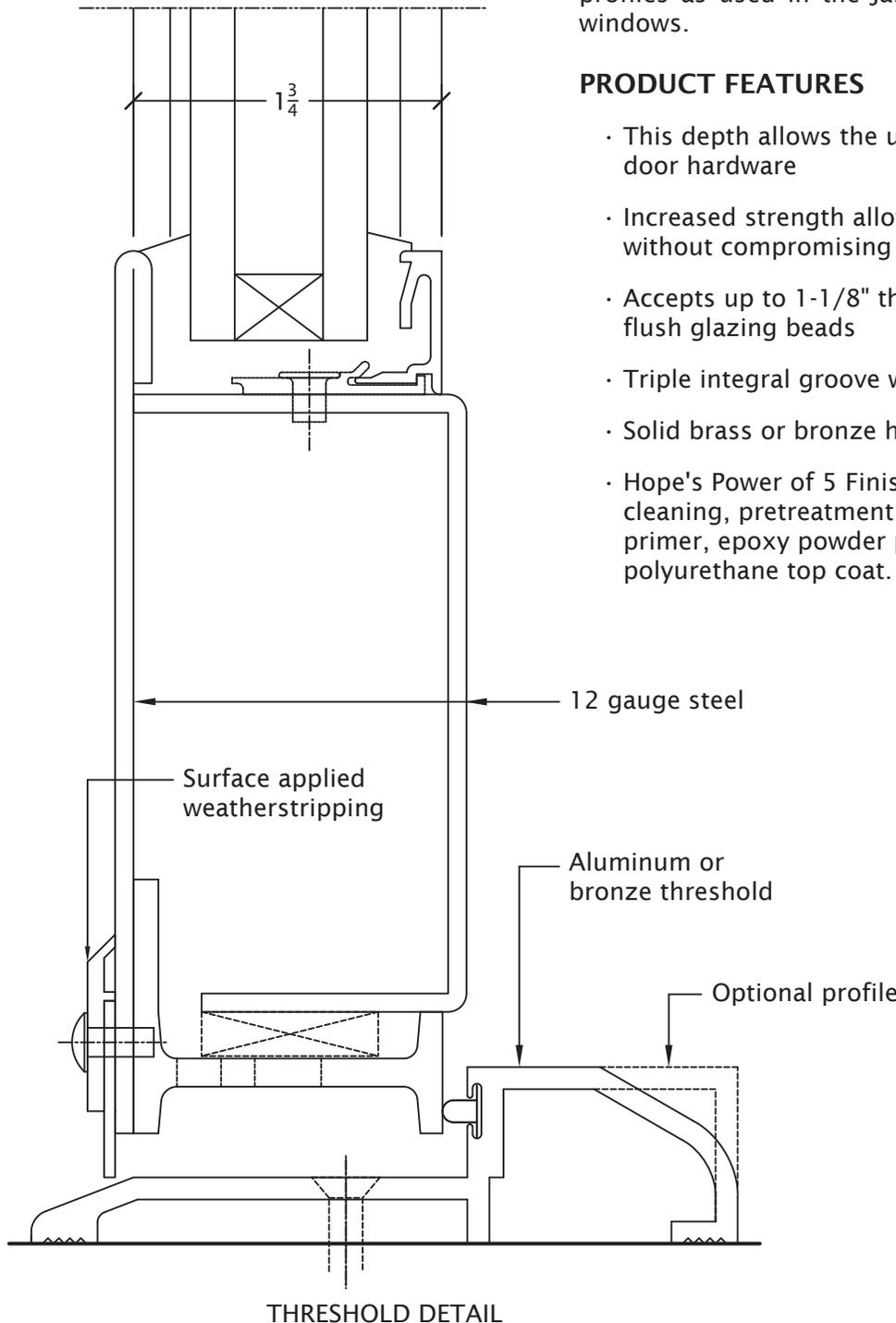
Details are half scale and shown inside glazed.

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Hope's Jamestown175 Series steel doors are custom manufactured from 1-3/4" deep heavy custom hot-rolled steel profiles. Single and French-style configurations are available with various hardware options including mortise lock and multi-latching cremone. The steel door profiles are the same profiles as used in the Jamestown175 Series steel windows.

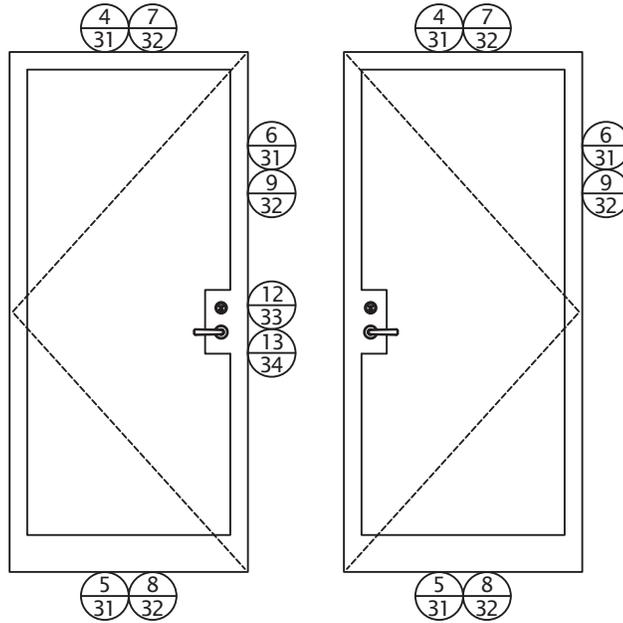
PRODUCT FEATURES

- This depth allows the use of a wider variety of door hardware
- Increased strength allows for larger door sizes without compromising performance
- Accepts up to 1-1/8" thick insulating glass with flush glazing beads
- Triple integral groove weatherstripping
- Solid brass or bronze hardware
- Hope's Power of 5 Finishing System includes cleaning, pretreatment, epoxy e-coat primer, epoxy powder primer and ultrathane polyurethane top coat.

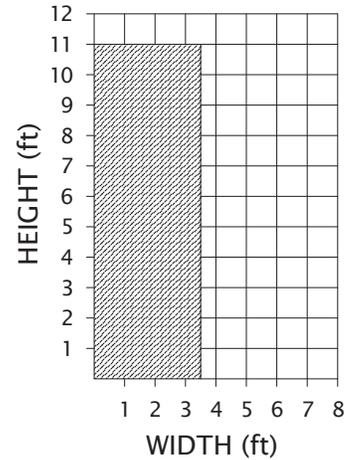


THRESHOLD DETAIL

Details are full scale.



RECOMMENDED SIZES

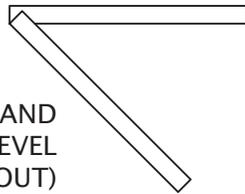


Size based on 1" insulating glass with 1/4" panes.

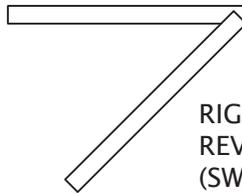
For requirements exceeding the sizes shown, consult Hope's for design alternatives.

Multipoint locks are recommended for doors over 9' tall.

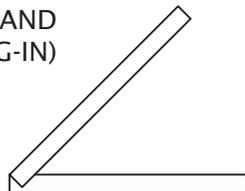
LEFT HAND
REVERSE BEVEL
(SWING-OUT)



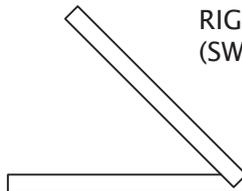
RIGHT HAND
REVERSE BEVEL
(SWING-OUT)



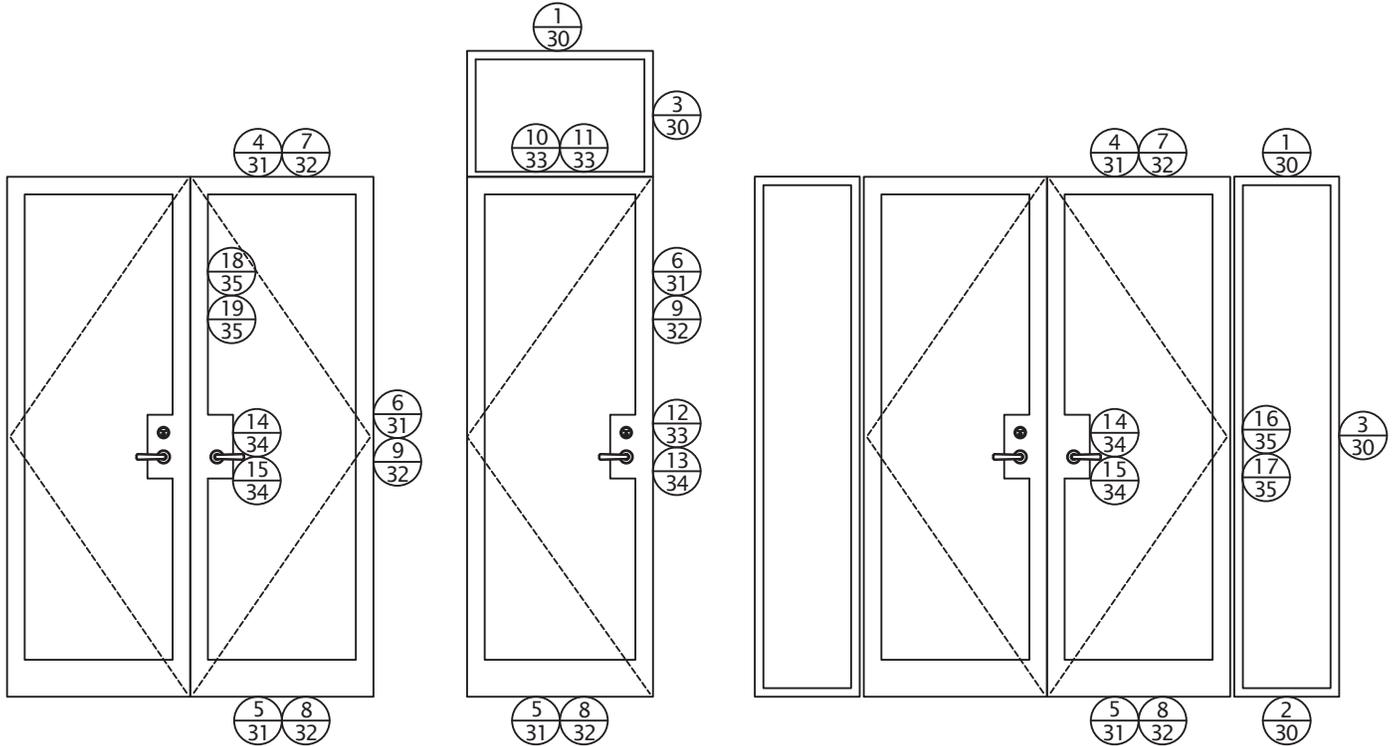
LEFT HAND
(SWING-IN)



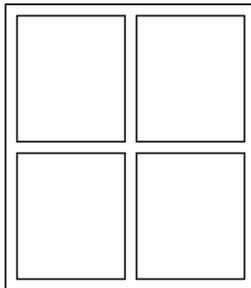
RIGHT HAND
(SWING-IN)



Elevations are for detail reference only. Elevations are not to scale.
All Hope's products are custom manufactured for your specific project requirements.

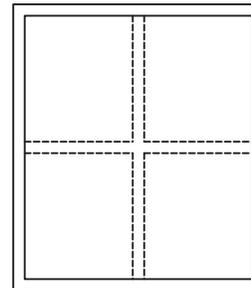


TRUE
DIVIDED
LITES (TDL)

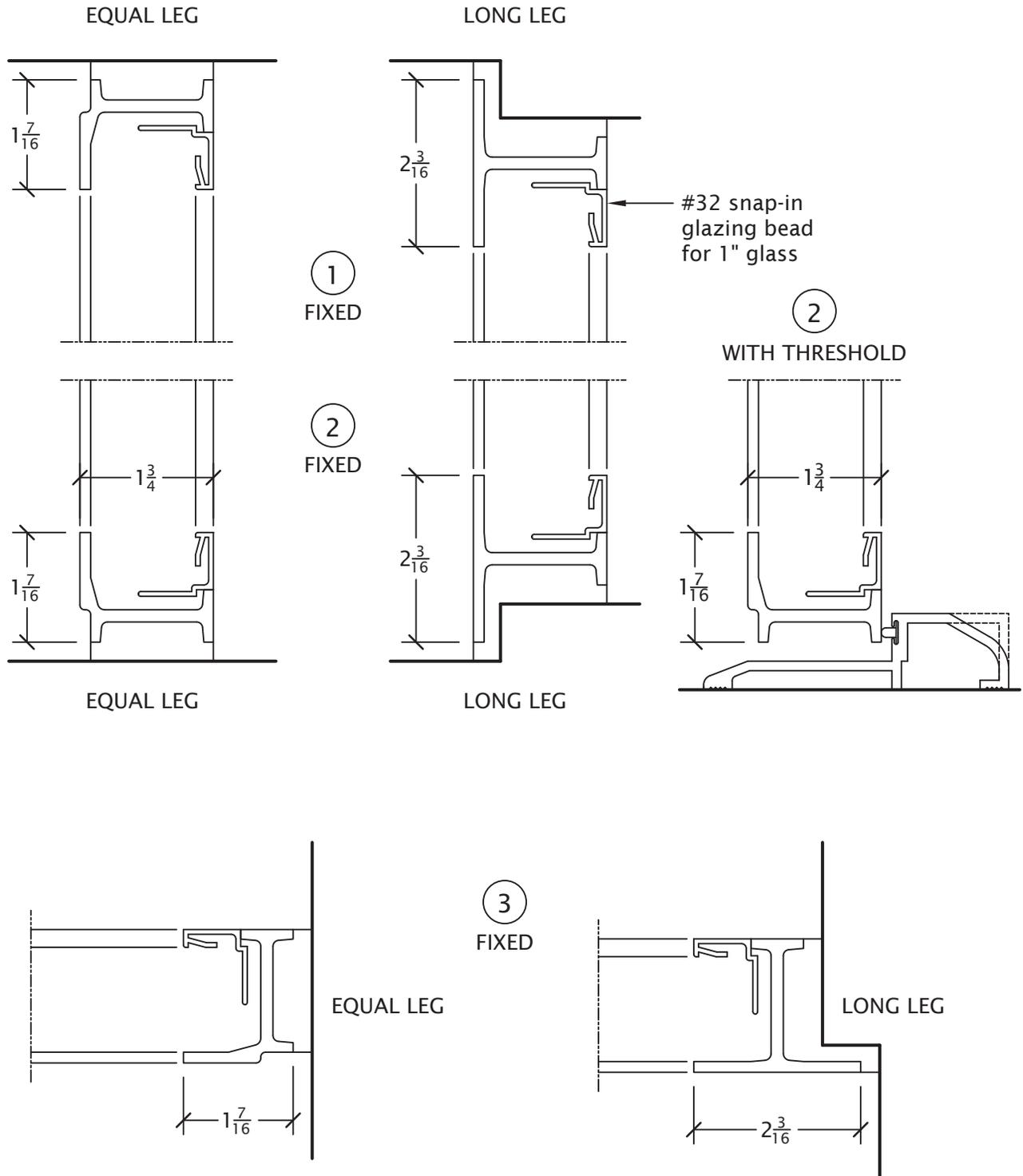


FOR TRUE AND SIMULATED
DIVIDED
LITES
SEE "MUNTINS, MULLIONS,
STACKS AND DEFLECTION
CHANNELS" SECTION

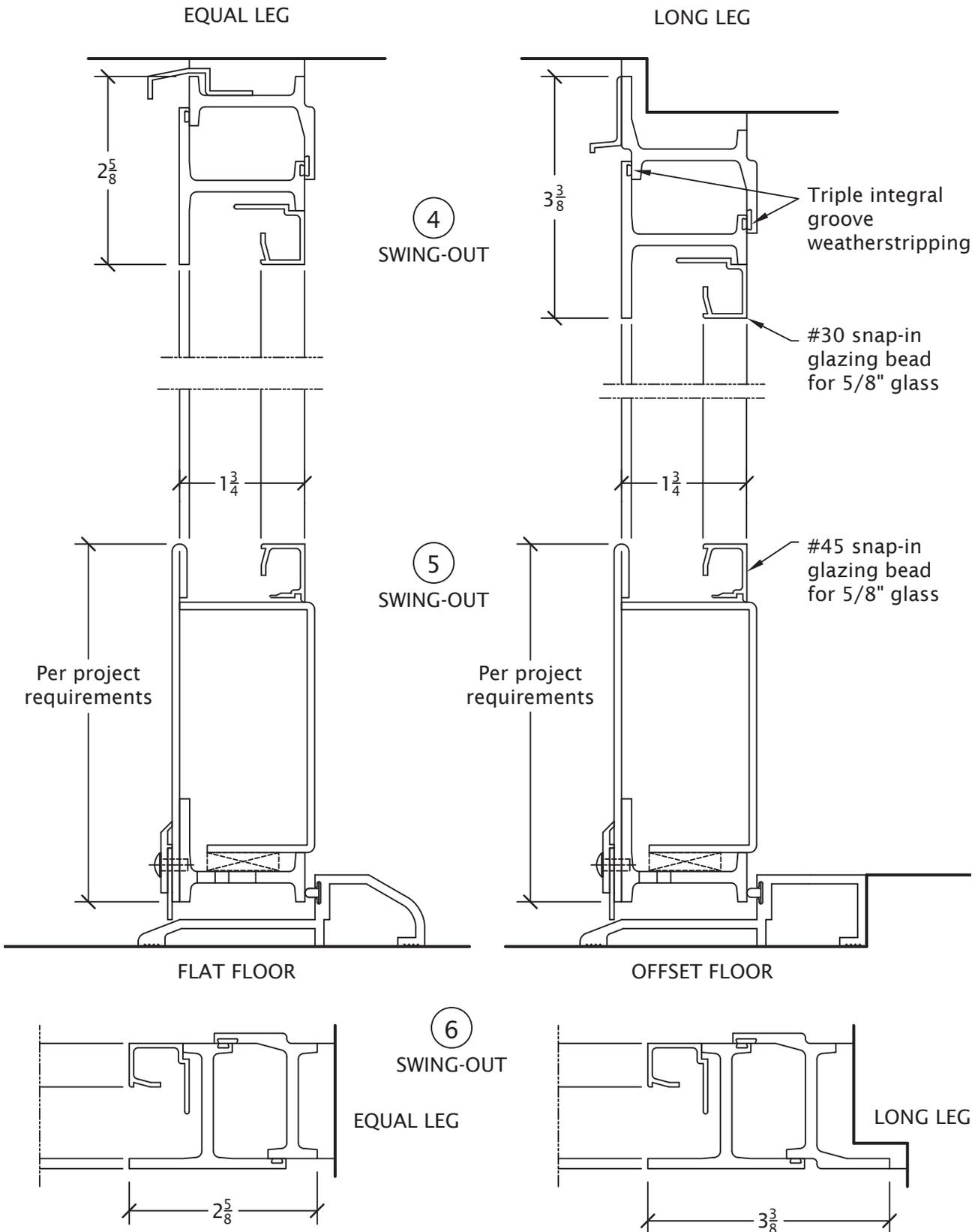
SIMULATED
DIVIDED
LITES (SDL)
(MUNTIN
GRIDS)



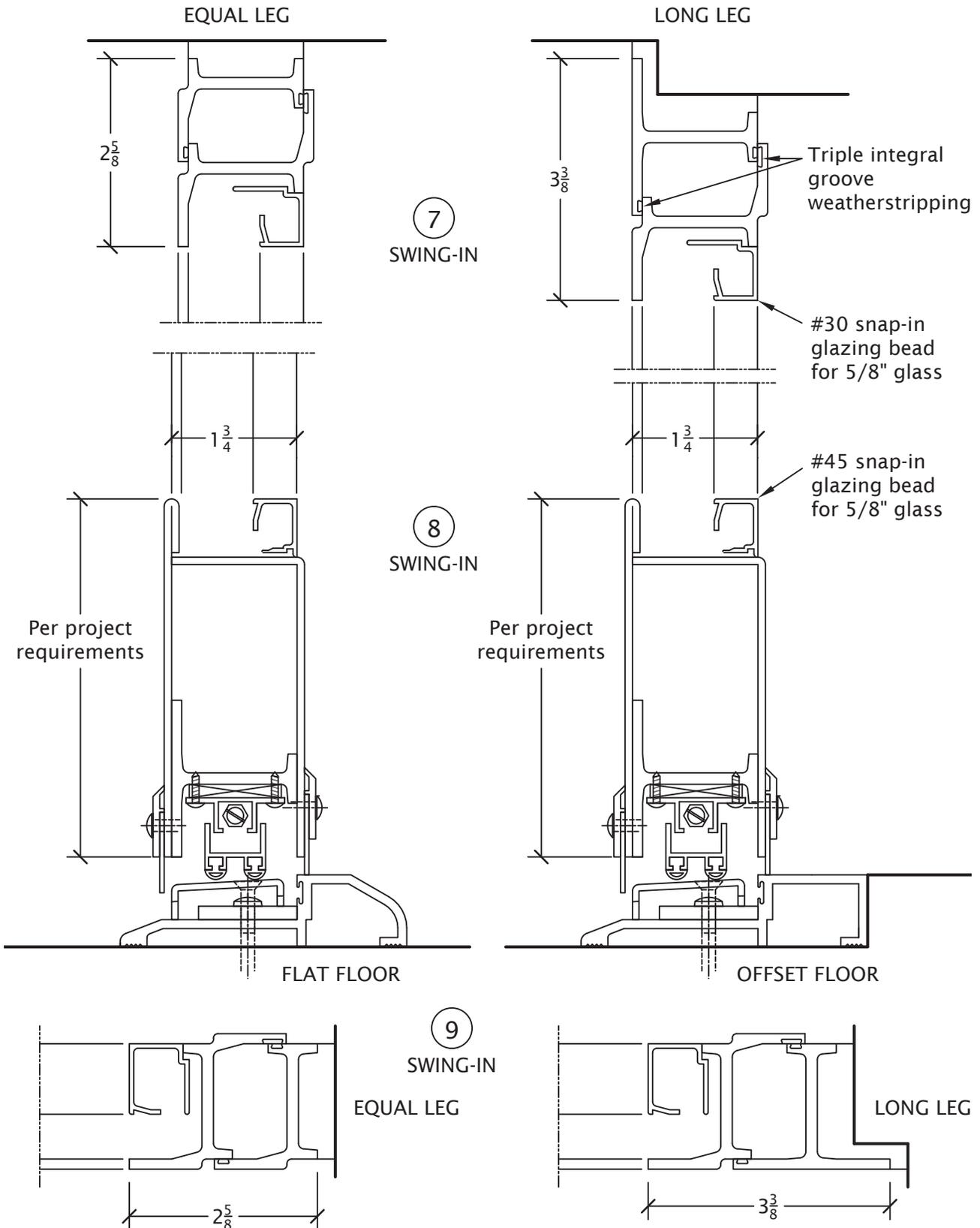
Elevations are for detail reference only. Elevations are not to scale.
All Hope's products are custom manufactured for your specific project requirements.



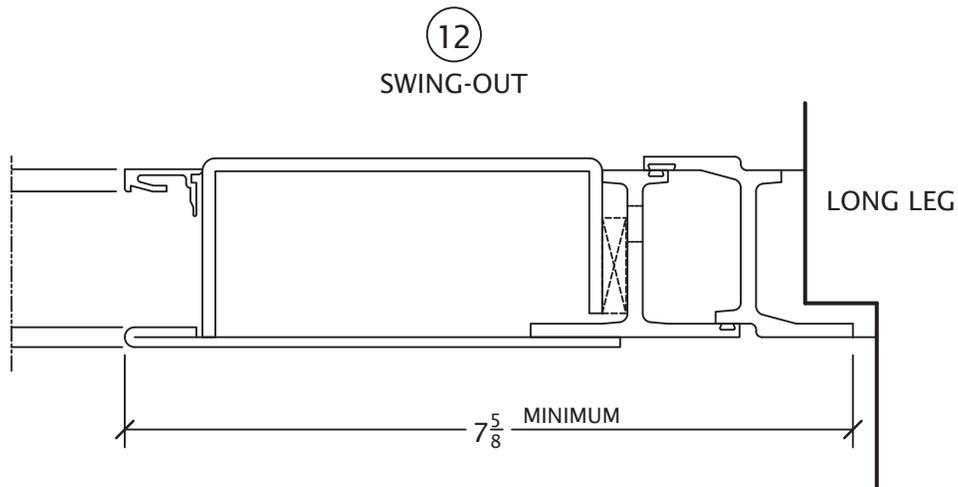
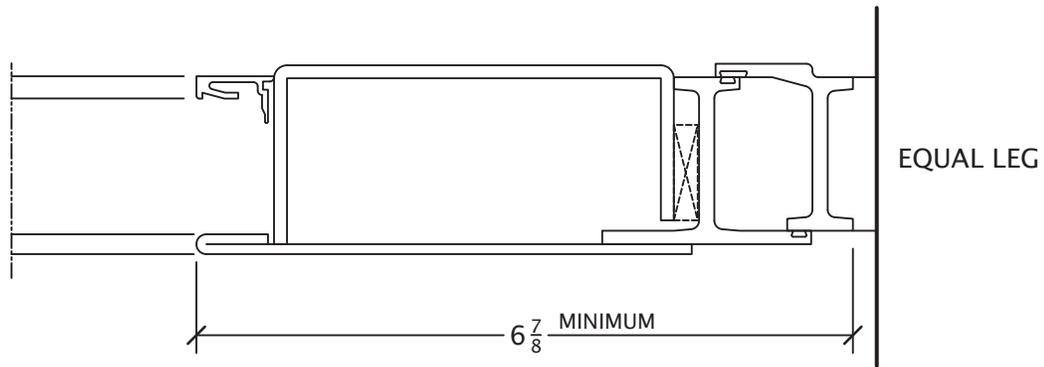
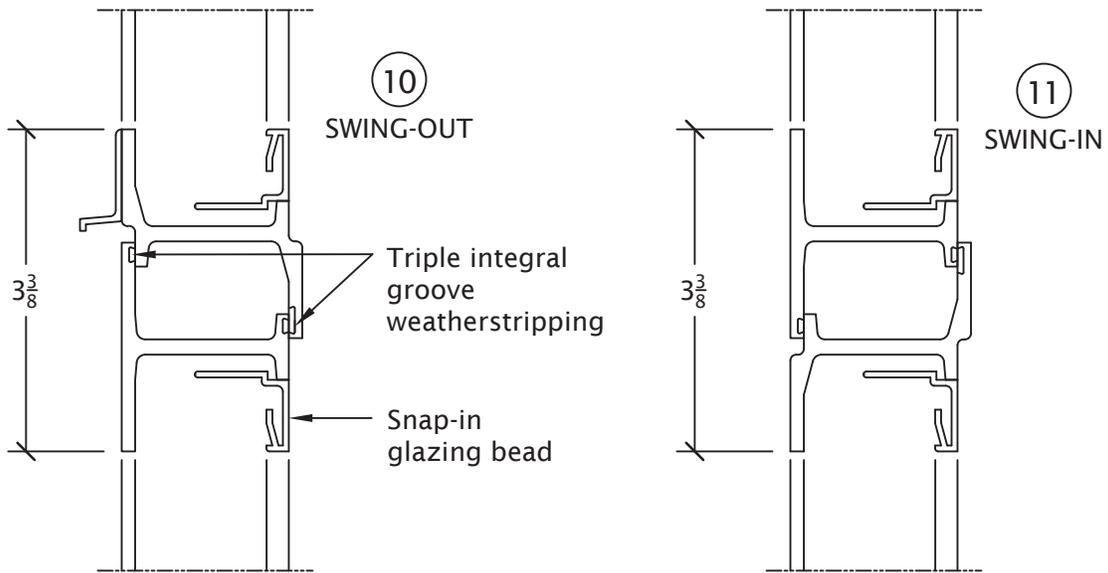
Details are half scale and shown inside glazed with 1" glass.
See page 36 for further glazing bead options.



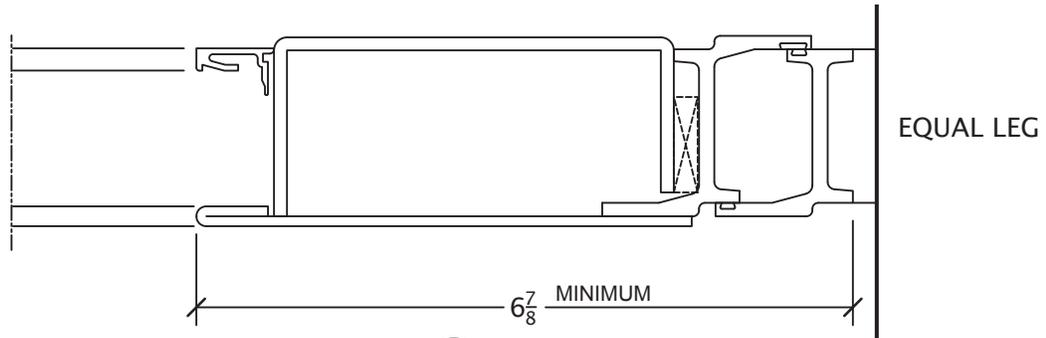
Details are half scale and shown inside glazed with 5/8" glass.
See page 36 for further glazing bead options.



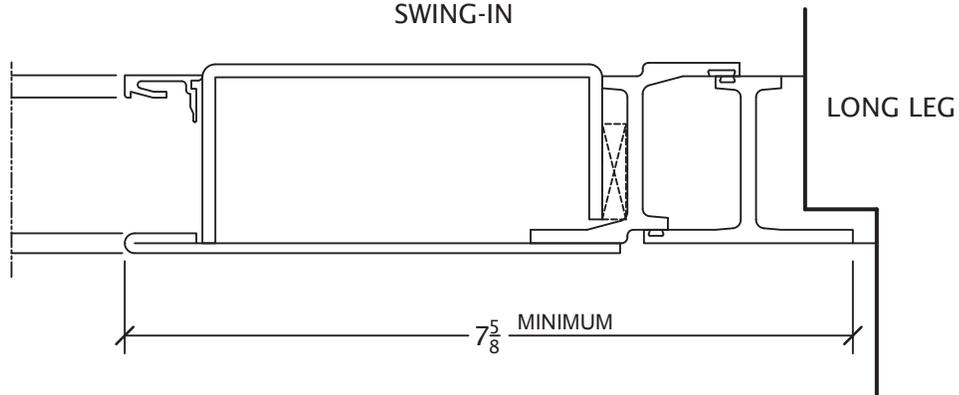
Details are half scale and shown inside glazed with 1/4" glass.
See page 36 for further glazing bead options.



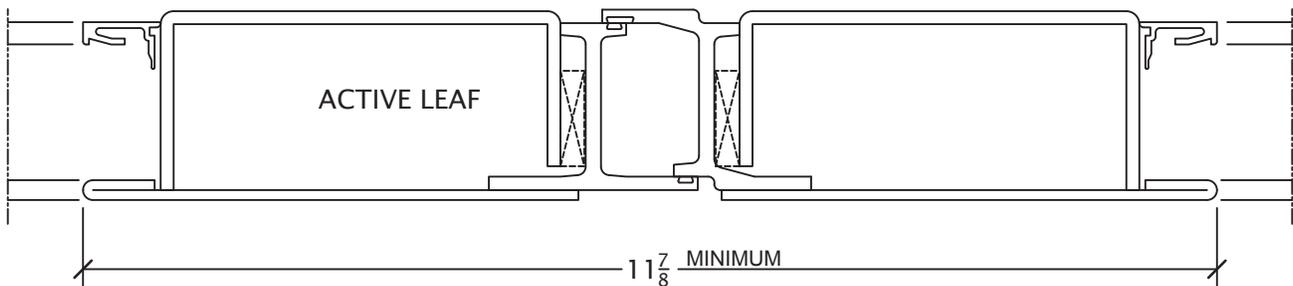
Details are half scale and shown inside glazed with 1" glass.
See page 36 for further glazing bead options.



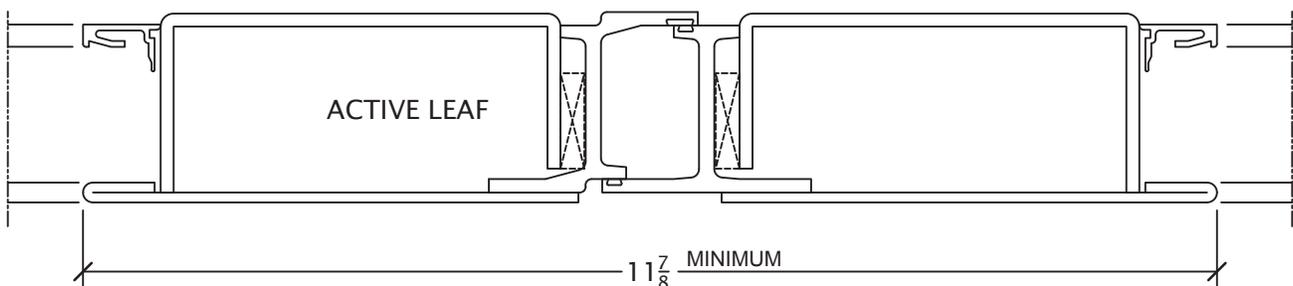
13
SWING-IN



14
SWING-OUT

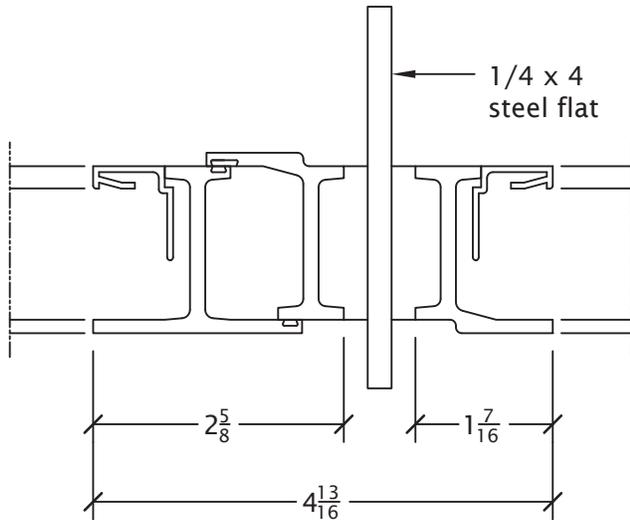


15
SWING-IN

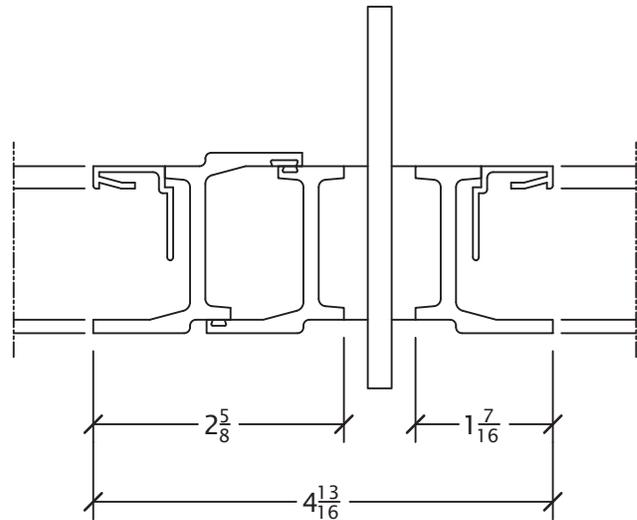


Details are half scale and shown inside glazed with 1" glass.

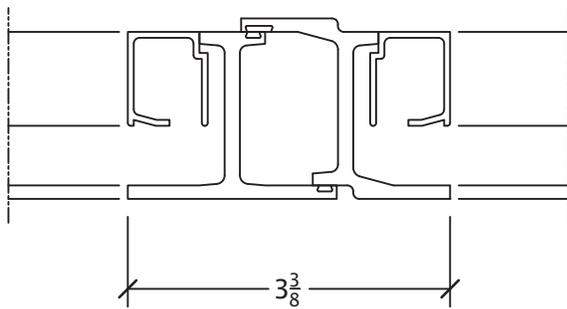
①6
SWING-OUT



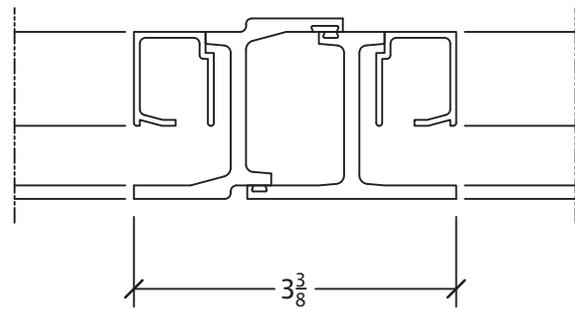
①7
SWING-IN



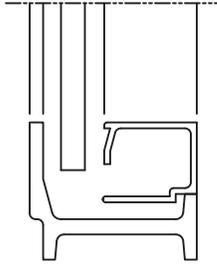
①8
SWING-OUT



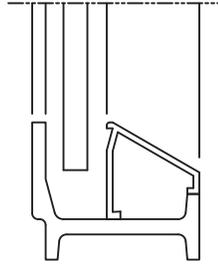
①9
SWING-IN



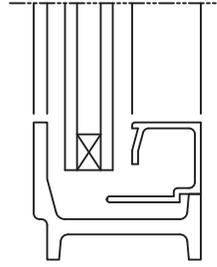
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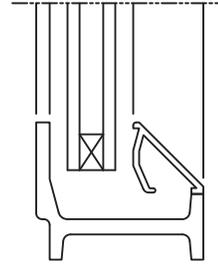
1/4" GLASS
#300 BEAD



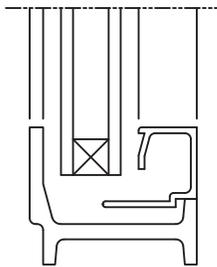
1/4" GLASS
#307 BEAD



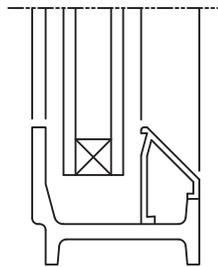
1/2" GLASS
#302 BEAD



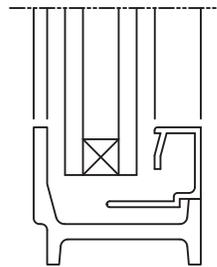
1/2" GLASS
#303 BEAD



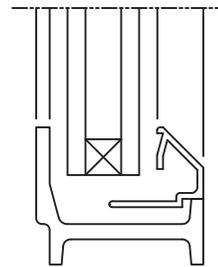
5/8" GLASS
#30 BEAD



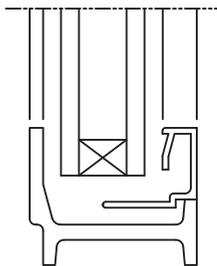
5/8" GLASS
#296 BEAD



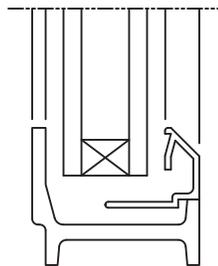
3/4" GLASS
#304 BEAD



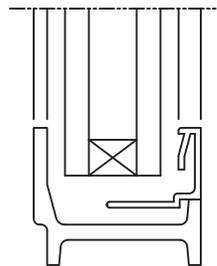
3/4" GLASS
#305 BEAD



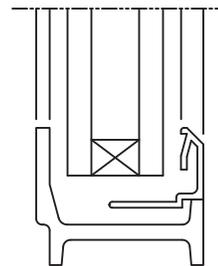
7/8" GLASS
#31 BEAD



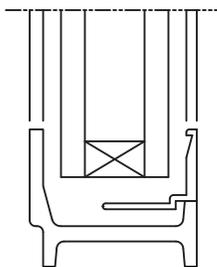
7/8" GLASS
#231 BEAD



1" GLASS
#32 BEAD



1" GLASS
#232 BEAD



1-1/8" GLASS
#33 BEAD

GLAZING BEAD NOTES

Hope's offers various types of glazing beads including: snap-in, hook-on and screw-on.

Consult Hope's for other options.

All true divided lite muntins have corresponding glazing beads to match the perimeter profiles.

Details are half scale and shown inside glazed.