



FIRE-RATED STEEL CURTAINWALL FOR 45/60/120 MINUTE APPLICATIONS

Fireframes® are revolutionizing fire-rated framing. Incorporating precise European engineering, the Curtainwall Series allows for large, multi-story expanses of glass in interior and exterior applications. Now fabricated in the United States, Curtainwall Series frames are classified and labeled with UL and ULC.

FEATURES

- Fire ratings of 45, 60 and 120 minutes
- Unrestricted glazing area for use in locations where total glazing exceeds 25% of wall area (60 and 120 minutes)
- Full-lite doors available in single leaf or double leaf design (see Fireframes Designer Series or Heat Barrier Series)
- Narrow steel and stainless steel profiles
- Air and water pressure tested and approved for exterior use
- Easy installation similar to typical pressure plate curtainwall
- Frames supplied “K.D.” or welded depending on application
- Can incorporate large individual panes of Pilkington Pyrostop® glass
- Durable steel and stainless steel frames ensure low maintenance system
- Finished face caps (aluminum, stainless steel, etc.) to meet project needs
- Custom aluminum face caps to meet project needs
- Finish painted at the factory to match desired color scheme
- Select profiles are available in 304 stainless steel with #4 brush finish
- Fabricated in the U.S.A.

LISTINGS

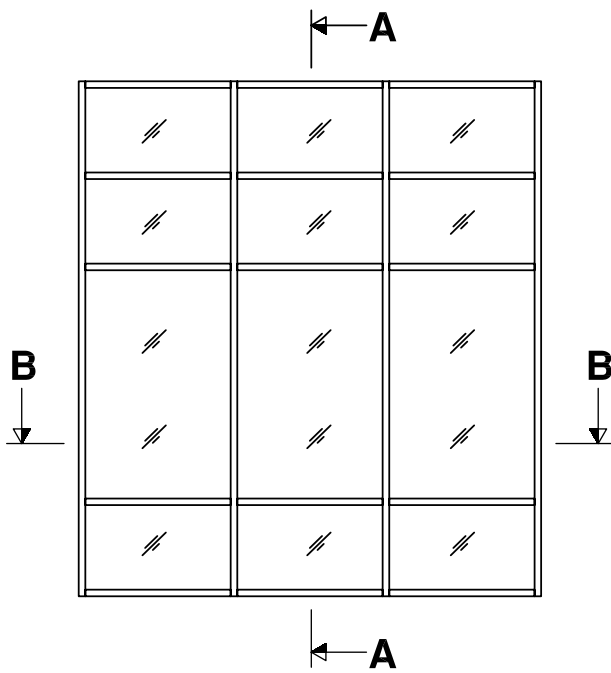
Classified and labeled by Underwriters Laboratories Inc. and Underwriters Laboratories of Canada. File number for labeled 45/120 minute fire-rated assemblies is Design Number U537. Frame tests performed in accordance with ASTM E-119 (60-120 minutes), CAN/ULC-S101, NFPA 251, UL 263, UL 9, UL 10C, ASTM E283, ASTM E330, ASTM E331, and AAMA 501.1. Approved for use in Los Angeles: LARR 25798.

FRAMING		
RATING	MAX. EXPOSED GLASS AREA PER PIECE	MAX. EXPOSED GLASS DIMENSION
45 min.*	4,500 in ² (2.90 m ²)	95-1/4 in (2.42 m)
60 min.**	7,442 in ² (4.80 m ²)	118-1/8 in (3.00 m)
120 min.**	3,730 in ² (2.41 m ²)	111 in (2.81 m)

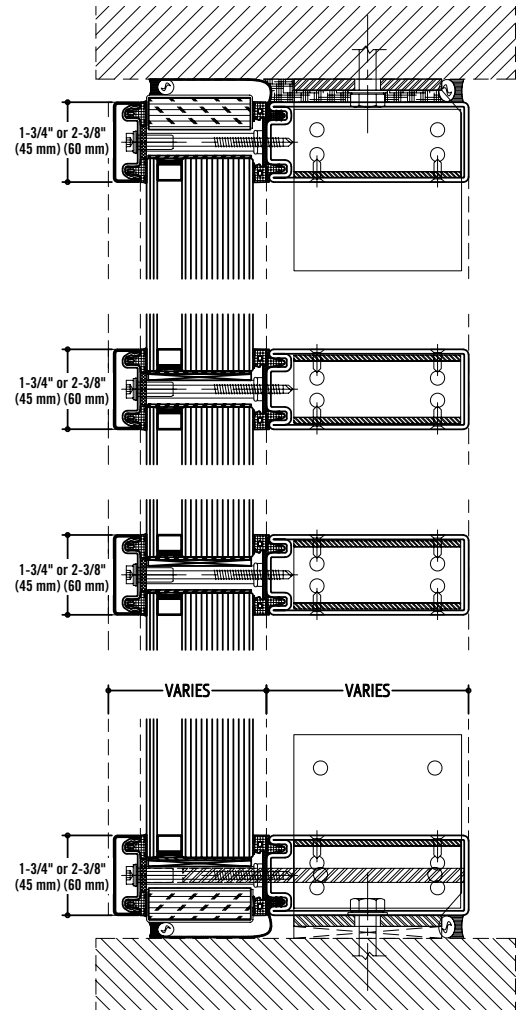
* 45 minute window systems are classified as an Opening Protective as per UL 9 with a maximum overall frame size of 152 square feet.

** 60 and 120-minute tests conducted per UL 263 / ASTM E-119. Therefore assembly is classified as a wall assembly, and not subject to “opening” area limitations.

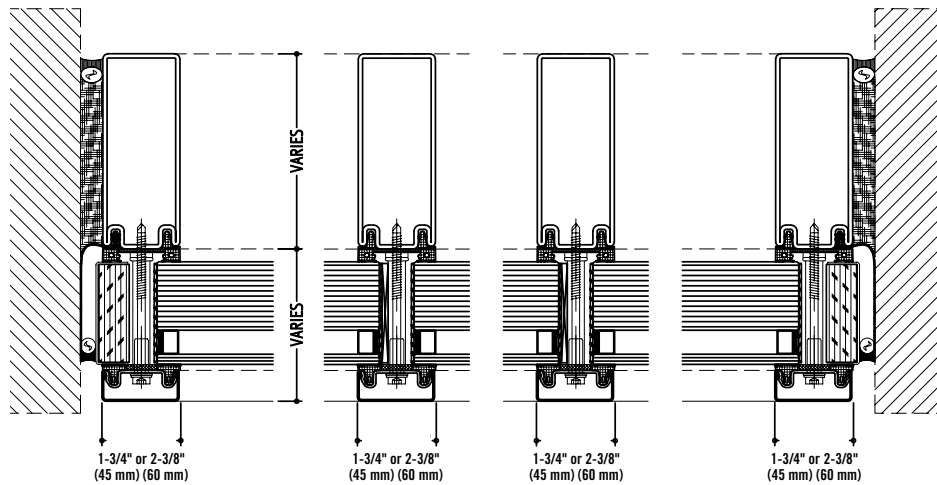
DETAIL DRAWINGS



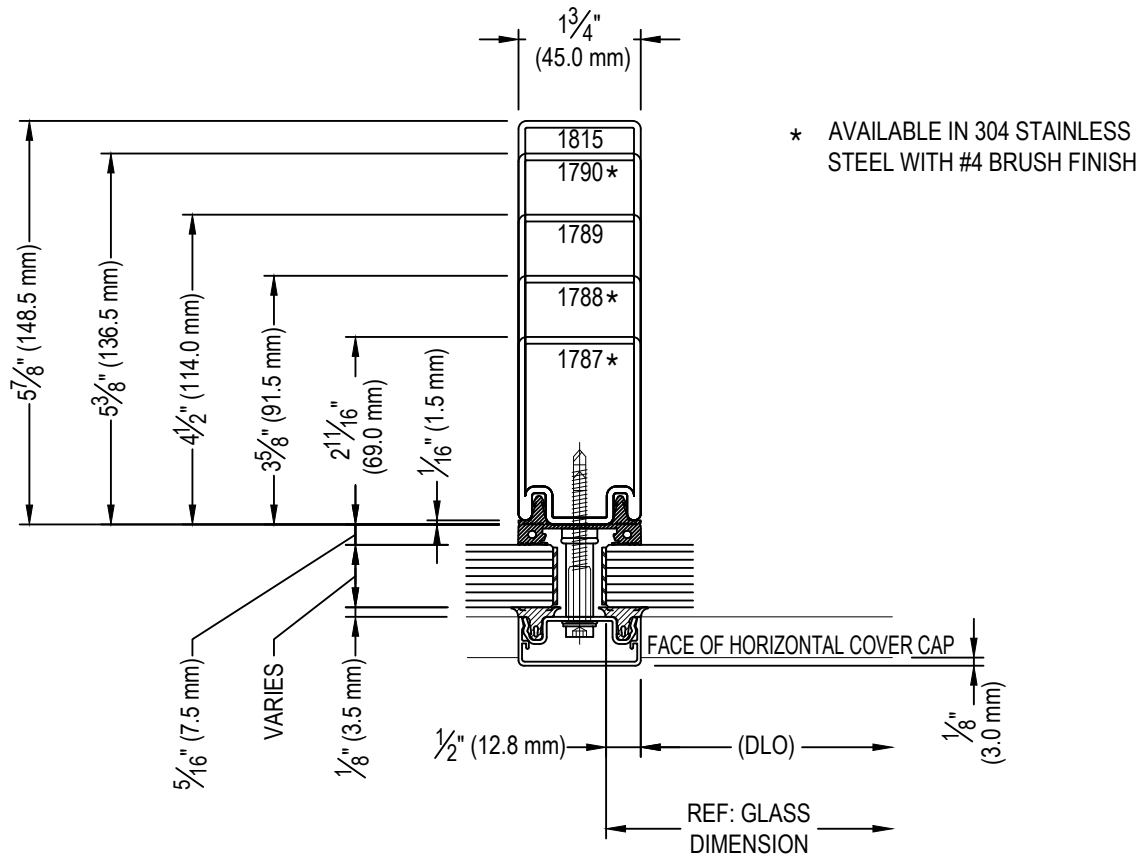
A-A



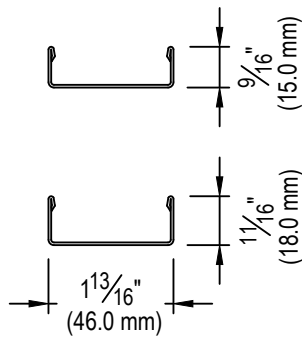
B-B



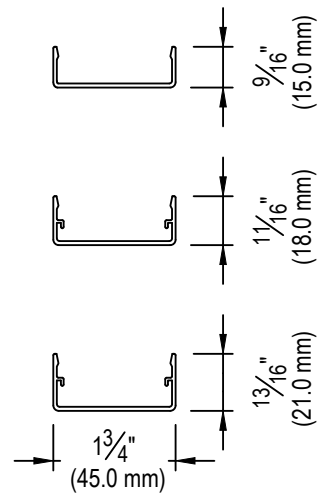
45 mm MULLION PROFILE OPTIONS



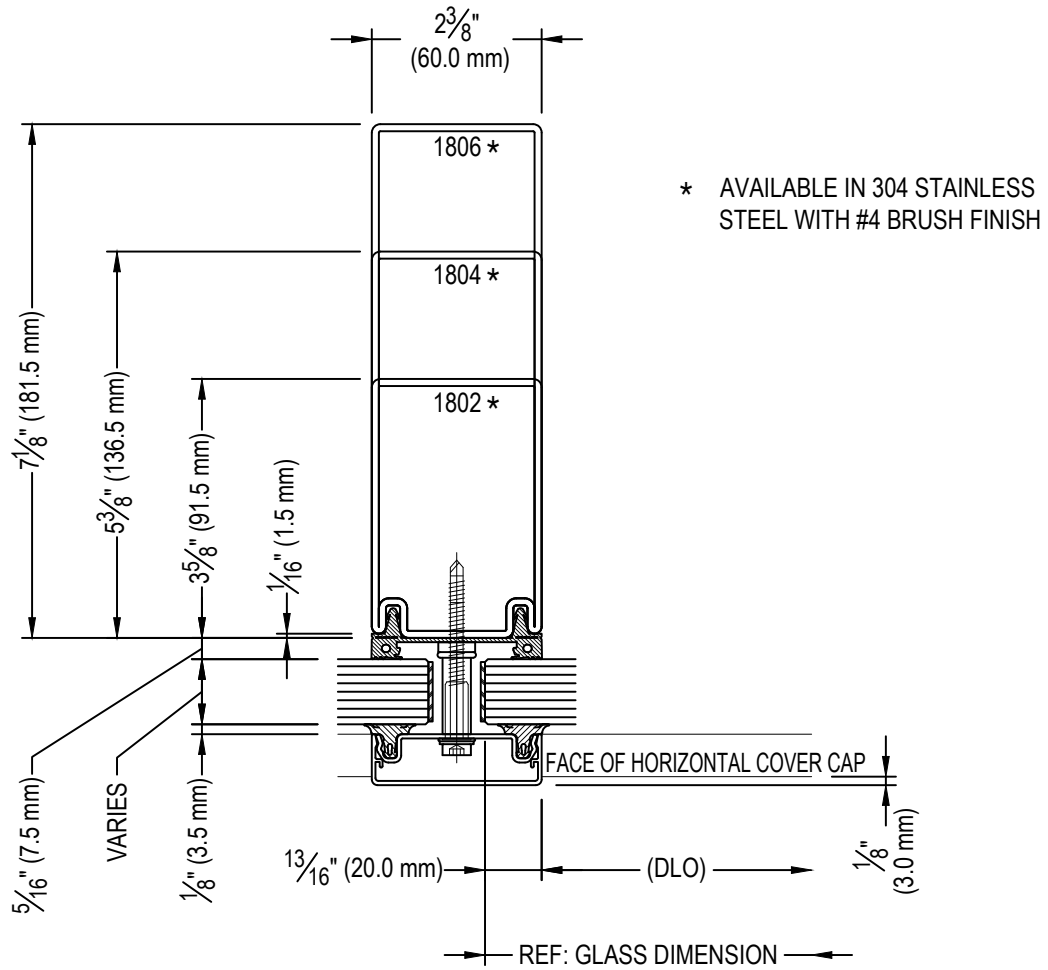
STAINLESS STEEL COVER CAPS



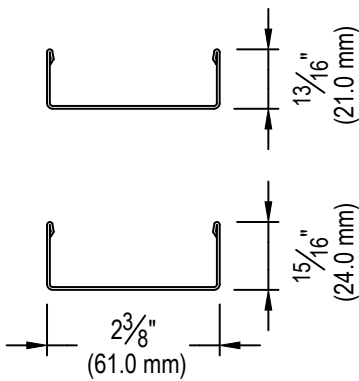
ALUMINUM COVER CAPS



60 mm MULLION PROFILE OPTIONS



STAINLESS STEEL COVER CAPS



ALUMINUM COVER CAPS

