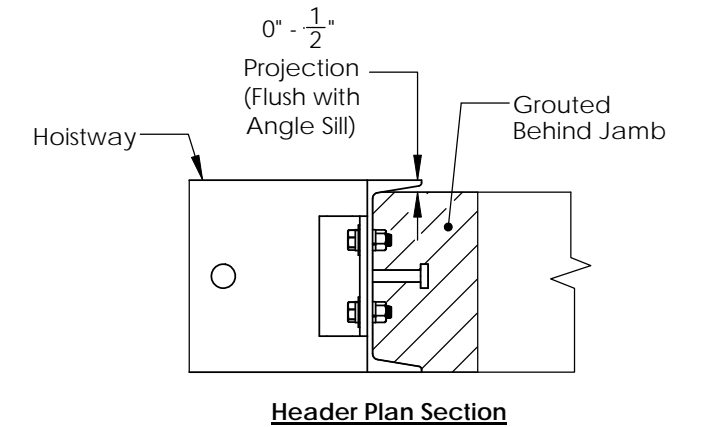
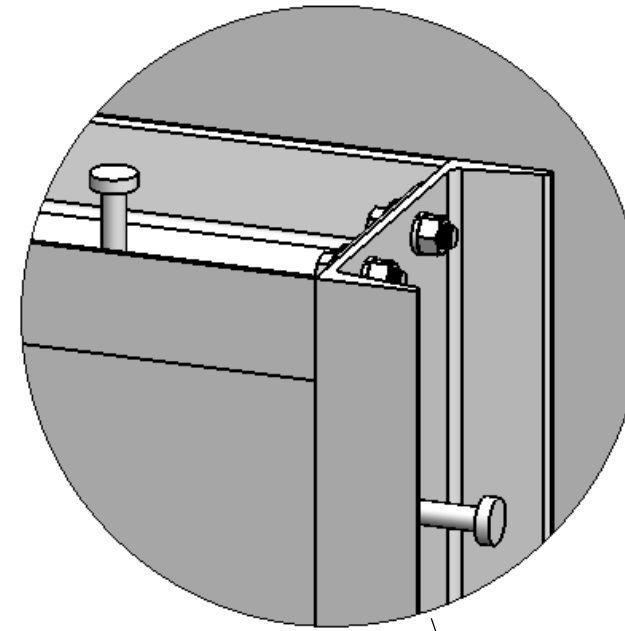
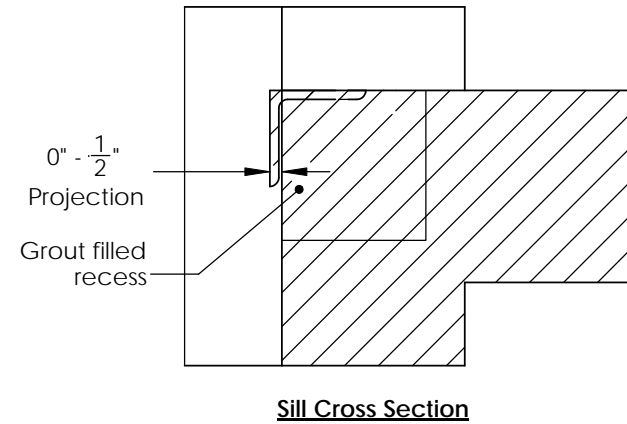
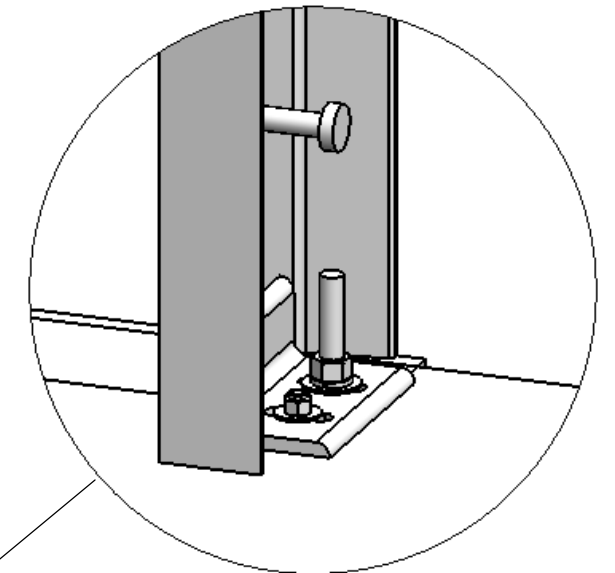
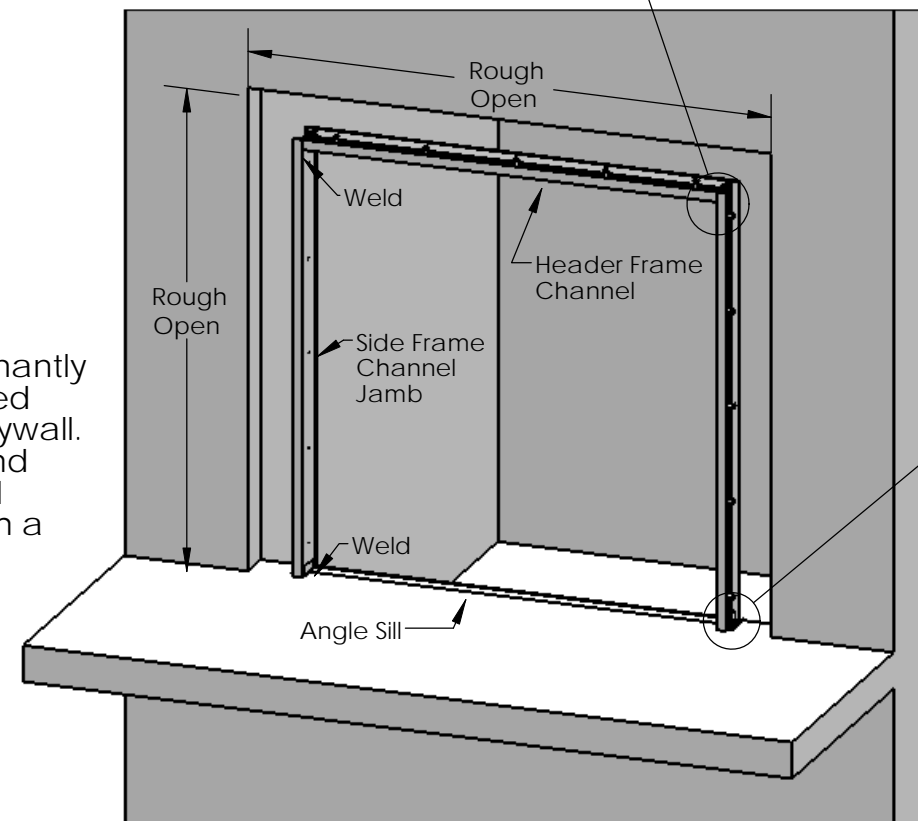


Typical Hoistway Construction



Typical Entrance Frame Installation

Entrance framing is typically fabricated using structural steel C-Channels. Trucked load weights onto and from the elevator are transmitted directly to the Angle Sill and possibly the Entrance Frames- special considerations must be made when designing and fabricating the Entrance Framing. Entrance Framing must be permanently secured to the building structure by code. Typical elevator hoistways are constructed using one or a combination of materials including concrete, block masonry, and drywall. Angle Sills are typically set flush with the finished floor, may include a tread plate, and are grouted in during construction. Side jambs must be secured to the angle sill and the building structure. The header channel is secured to the side jambs typically with a mechanical fastener or welded connection. Header frames typically are not engineered to support the weight of the building structure above the entrance.



Transmitted Loads to Structural Frames and Sill from Freight Elevator Doors

Total weight of all door equipment hanging on the structural frames: - lbs.

Transmitted Load to the Sill Angle from the doors during trucking across top of door panels: - lbs



800-489-4889
info@emsdoors.com

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