Hollow Metal Frames

A full line of standard and custom frames:

- Standard door frames, fully or face welded, optional with Hospital stops
- Window frames
- Sidelights
- Standard, window and sidelight frames can be supplied lead lined
- Knock down (KD) frames for welding
- Dry wall knock down (KD frames)
- Custom frames
- Pocket Frames
- Double Egress Frames

Manufacturing Tolerances for Frames

Frames for single door or pair of doors:

Width, measured between rabbets at the head; nominal opening width +1/18" – 1/32"

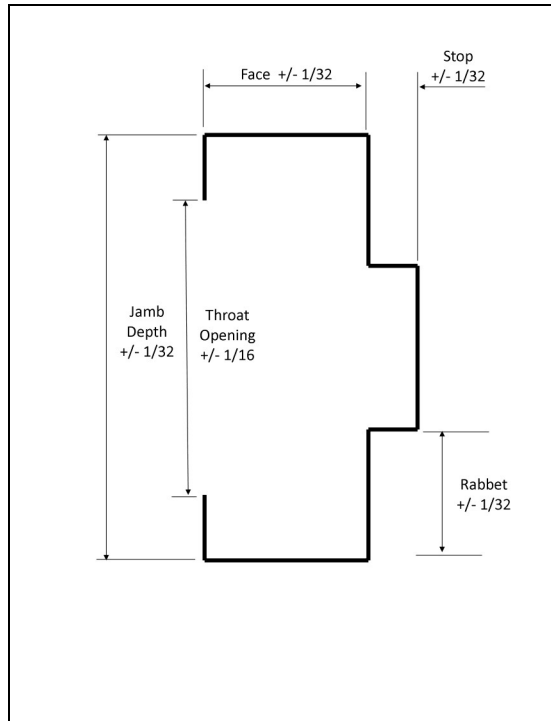Height (total length of jamb rabbet): nominal opening height +/- 3/64"

Frames overlapping walls to have throat dimension 1/8" greater than dimensioned wall thickness to accommodate irregularities in wall construction.
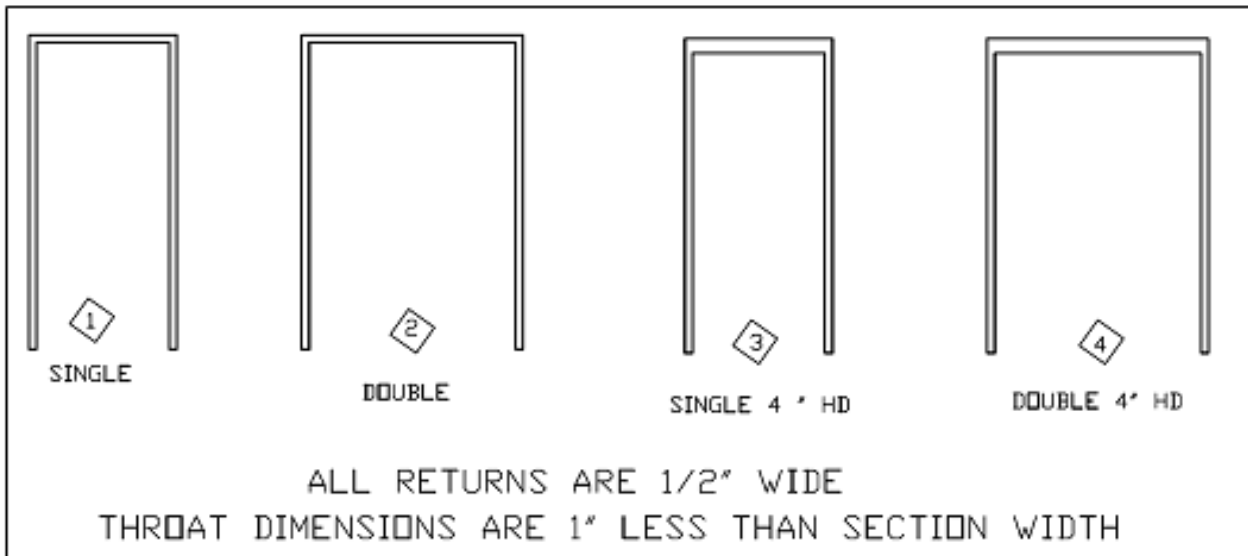

Standard Frame Details

- All miters are die cut to permit close tolerances. Inside perimeter of stop and face trim joints are welded, exposed welds are finished smooth.
- 12 Gauge surface closure reinforcing. Mortising and reinforcing as required by assigned closure template.
- 12 Gauge—strike reinforcing, drilling and tapping to template.
- 7 Guage—1 1/4" x 10" joggled hinge reinforcing. Drilled and tapped per template.
- 16 Gauge wall anchors are designed to suit wall conditions. Counter sinks with angle spacer behind frame provided for anchorage (all bolts by others)
- 14 Gauge floor anchors. Type K unless noted otherwise)
- Frames are mortised reinforced. Cut out and beveled to insure proper operation with assigned hardware.
- All frames 1 piece welded construction unless noted otherwise.
- All frames punched for silencers: 3@ singles, 2@ doubles (silencers by others)
- Removable glazing stops to be 11/16'" typical. 1/16" caulking space each side of glass shall be allowed unless otherwise requested by the contractor.
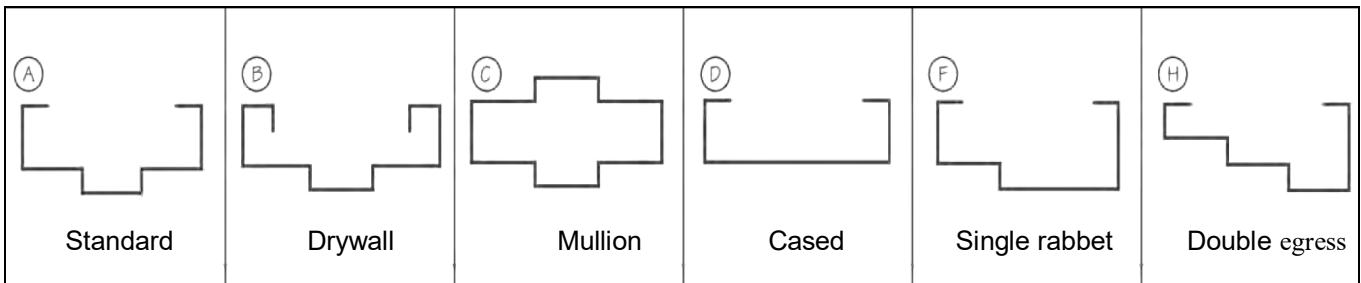- Standard stops are 11/16"

Hollow Metal Frames

Face +/- 1/32   Stop +/- 1/32
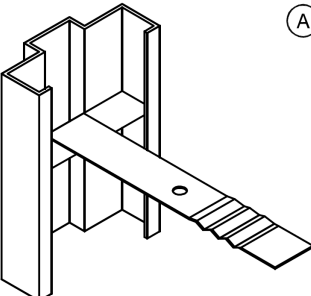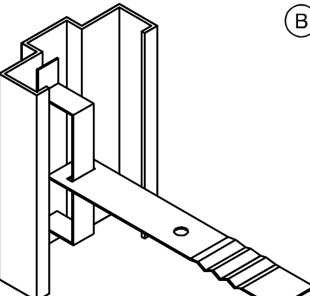
Jamb Depth +/- 1/32

Throat Opening +/- 1/16

Rabbet +/- 1/32

Standard frame elevations

① SINGLE

② DOUBLE

③ SINGLE 4" HD

④ DOUBLE 4" HD

ALL RETURNS ARE 1/2" WIDE
THROAT DIMENSIONS ARE 1" LESS THAN SECTION WIDTH
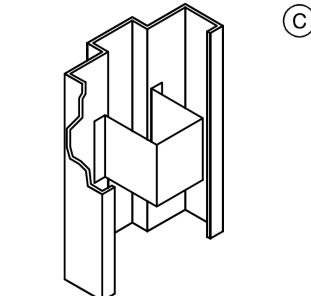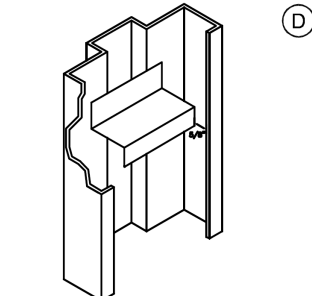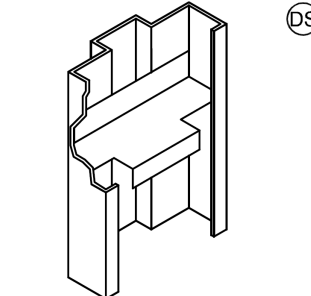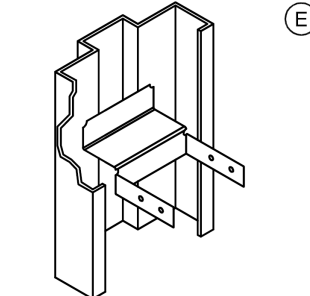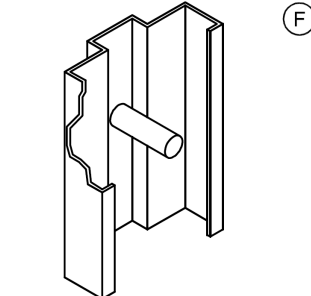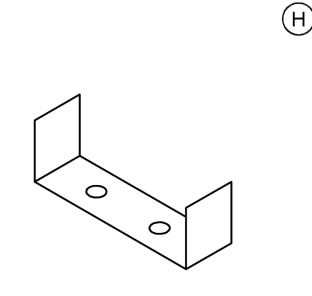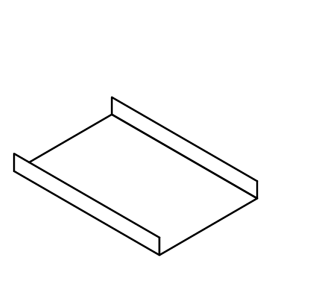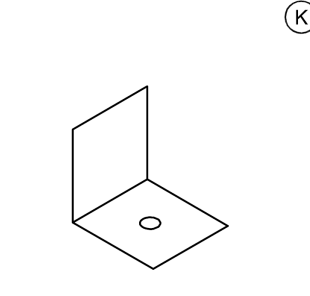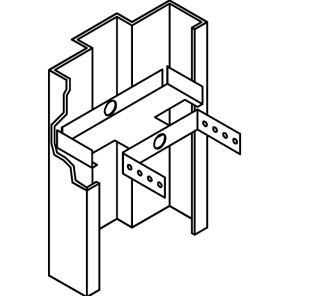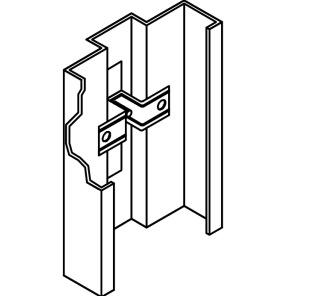
Standard frame sections

Ⓐ Standard

Ⓑ Drywall

Ⓒ Mullion

Ⓓ Cased

Ⓕ Single rabbet

Ⓗ Double egress

Hollow Metal Frames

Standard Frame Anchors

(A) T-STRAP (MASONRY)	(B) U.L STRAP & STIRRUP MASONRY	(C) GROUTED	(D) METAL CHANNEL STUD
(DS) NOTE: ANCHOR IS FLUSH WITH RETURN	(E) WOOD STUD	(F) EWA	(H) MULLION CLIP
SILL PLATE	(K) FLOOR ANCHOR	SNAP IN	"CP"