Cleary MILLWORK

Wholesale Doors
COMMERCIAL DIVISION

MASONRY FRAME INSTALLATION INSTRUCTIONS

PLUMBING AND BRACING FRAMES

Plumbing the frame (see figure 1)
The contractor should be equipped with a carpenter level, square and wood spreaders. Where welded frames are provided with spreader bars, they shall be removed before setting frames. Set the frame in the desired location and level the header. Square jambs to header. Shim under jambs if necessary. With frame on line, set wood spreader and fasten jambs to floor through floor anchors.

Bracing the frame (see figure 2)
Brace the frame as shown or shore to a structure above. **Do not brace in the direction of intended wall.** Plumb and square jambs. Install vertical brace to support header for openings over 4'-0" wide.

Spreader (see figure 3)
Wood spreader shall be square and fabricated from lumber no less than 1" thick. Correct length is the door opening width between the jambs at the header (i.e. Single Door 3'-0" = 36"). Cut clearance notches for frame stops. Spreader shall be nearly as wide as frame jamb depth for proper installation.

Note: Spreader bars for shipping purposes should not be used as installation spreaders

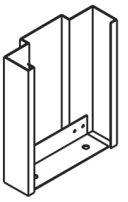

Figure #2a

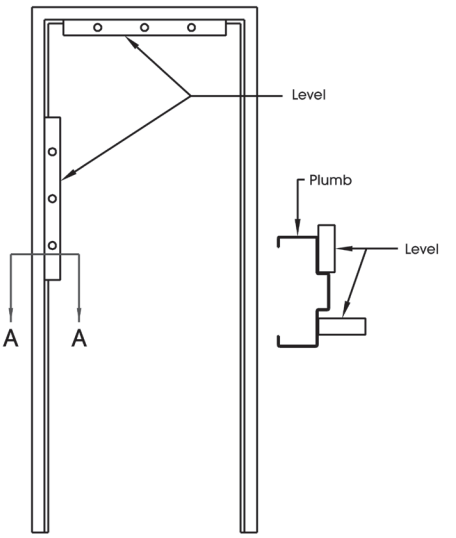

Figure 1 - Plumbing the frame

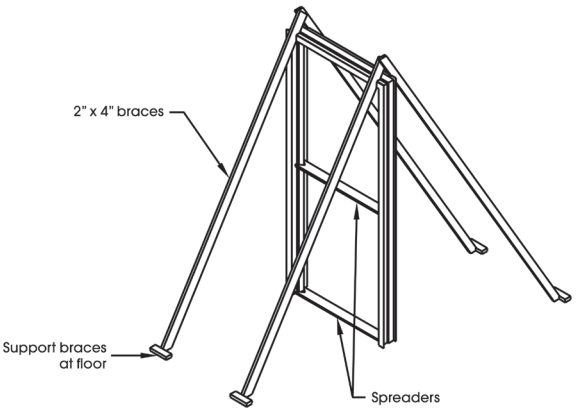

Figure 2 - Bracing the frame

ACCESSORIES

Install rubber silencers
Cut the point from a #6d box or finishing nail. Insert nail in hole to elongate rubber silencers. Moisten the end and insert rubber silencers in pre-drilled holes on frame stop, remove nail. The thickness of the silencer shall permit latching of door with 1/16" clearance between face of door and top of frame.

Note: Install rubber silencers before frame erection to avoid grout filling rubber silencer holes. In some cases rubber silencers are factory installed

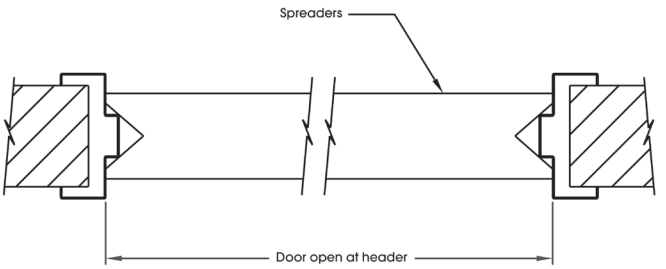

Figure 3 - Spreader

NEW MASONRY CONSTRUCTION (SEE FIGURE 4)

1. Assemble frame per manufacturer's instructions

2. Install wood spreaders, set brace and plumb frame

3. Set second spreader at the mid point of the door opening to maintain the door opening dimension

4. Install anchors (see figure 5). Grout frame in the area of the anchors as block courses are laid up. Frames may also be supplied with anchors welded in place.

5. Continually check plumb and square as wall progresses

EXISTING MASONRY CONSTRUCTION

1. Assemble frame per manufacturer's instructions

2. Install snap-in anchors to align with pierced holes in jambs (frames may also be supplied with anchors welded in place)

3. Slide frame into wall opening; Install wood spreaders

4. Use tapered shims between anchors and wall and spreaders to maintain squareness and alignment of frame, and to maintain door opening

5. Where possible, one jamb should be butted tightly to the wall. Backed rod or caulking shall be used where gaps occur between frame and wall.

6. Insert anchor bolts and tighten securely, checking for frame alignment periodically (see figure 6)

7. Install plugs to cover bolt heads (if so equipped)

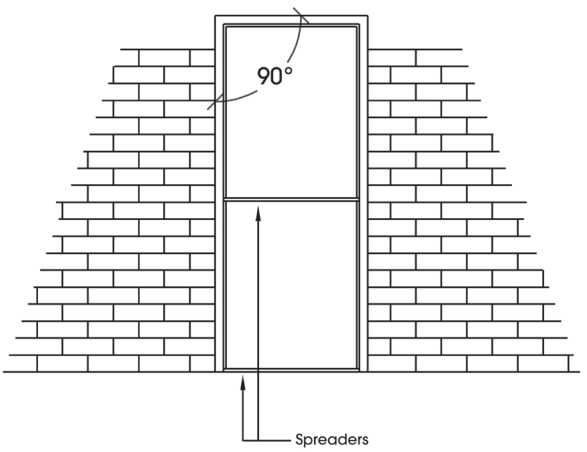

Figure 4 - New masonry construction

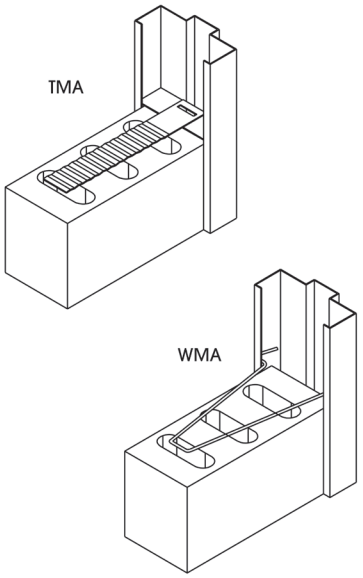

Figure 5 - Anchors

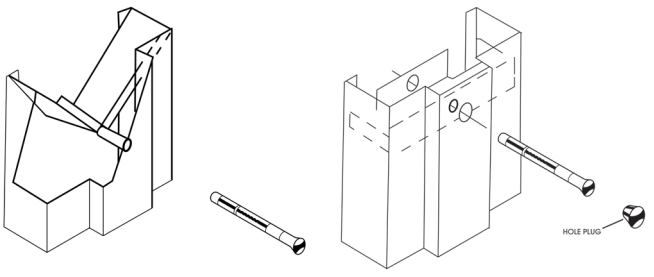

Figure 6 - Anchors