

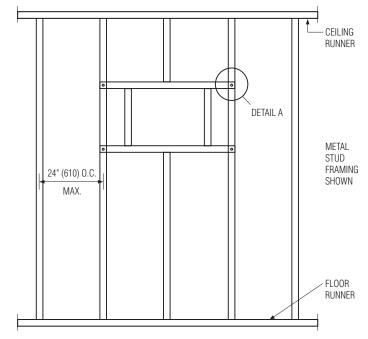
# SUPPLEMENTARY INSTALLATION INSTRUCTIONS STEEL AND WOOD STUD FRAMING FOR DAMPERS IN DRYWALL PARTITIONS

(CURTAIN TYPE, MULTI-BLADE AND COMBINATION FIRE/SMOKE)

#### NOTES:

- 1. These details are based upon tests conducted by the Gypsum Association. Consult the local authority having jurisdiction for other acceptable framing methods.
- 2. Frame wall openings as shown in Figure 1 or 2.
- 3. Gypsum panels must be screwed to all stud and runner flanges, 12" (305) max. o.c. surrounding opening.
- 4. All fasteners to be per UL/ULC Classified wall design.
- 5. UL/ULC wood stud designs require gypsum wallboard filler pieces to be installed around entire opening, screwed 12" (305) o.c. to web of runners and studs, covering all wood stud surfaces. In UL metal stud designs, exposed steel surfaces need not be covered with gypsum wallboard. ULC metal stud construction however may still require filler pieces,
- 6. Refer to standard installation instructions sheet for additional details.

check with the local authorities.



#### FIGURE 1. SINGLE VERTICAL STUD OPENING PREPARATION DETAILS.

DAMPERS UP TO 36" x 36" (914 x 914).

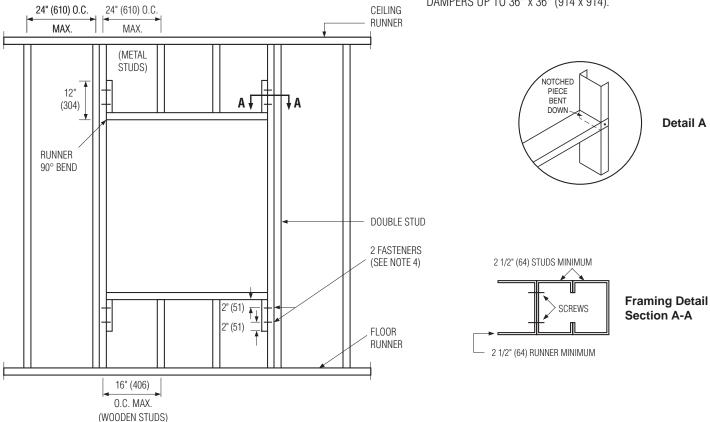


FIGURE 2. DOUBLE VERTICAL STUD OPENING PREPARATION DETAILS.

DAMPERS OVER 36" x 36" (914 x 914).

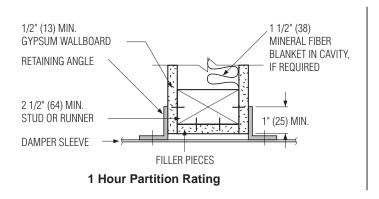
Page 1 of 2 Dimensions are in inches (mm).

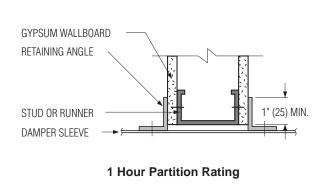
### TYPICAL STUD WALL DETAILS (See Notes on Page 1)

## **WOOD STUD DETAIL** 1/2" (13) MIN. GYPSUM WALLBOARD RETAINING ANGLE 2 1/2" (64) MIN. STUD OR RUNNER 1" (25) MIN. DAMPER SLEEVE FILLER PIECES 2 Hour Partition Rating

# GYPSUM WALLBOARD RETAINING ANGLE STUD OR RUNNER " (25) MIN. DAMPER SLEEVE 2 Hour Partition Rating

**METAL STUD DETAIL (UL DESIGN)** 





Dimensions are in inches (mm).



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