ALTERNATE ONE HOUR
FLOOR/CEILING ASSEMBLY
49 STC RATING

- New 5/8 Type "X" Gypsum Board
- Existing 3/4 or 5/8 inch tongue and groove plywood floor Sheathing
- Existing floor covering
- 2 inches by 2 inches wood blocking nailed to floor joist with a minimum of 10d common nails, and screwed in to existing floor sheathing with a minimum of 2 inches gypsum board screw.

Existing floor joist.
Minimum R-19 insulation

5/8 inch Type "X" gypsum board screwed to resilient furring channels with 1-1/4 inch Type "S" drywall screws 8 inches o.c. at ends and 12 inches o.c. at intermediate furring channels.
Resilient furring channel applied at right angles at 24" O.C. to existing floor joist nailed with 2-6d coated nails, 1-7/8 inch long, 0.085 shank, 3/8 inch heads.

NOTE: This is an alternate floor / ceiling assembly that has not been tested.