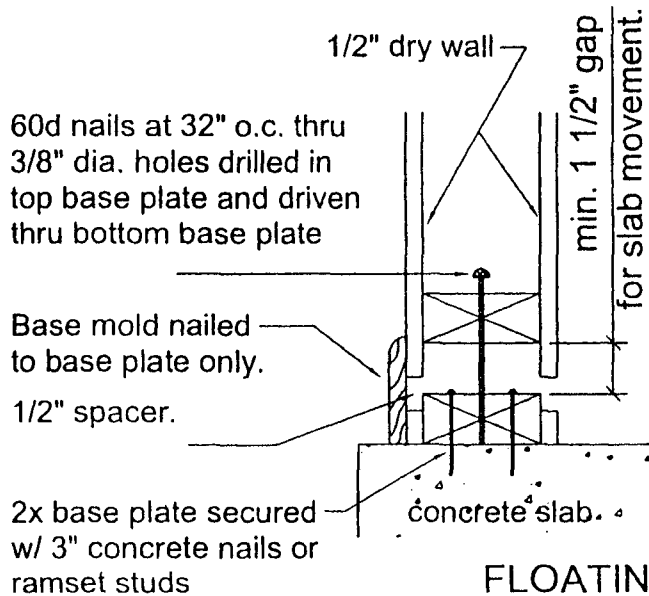


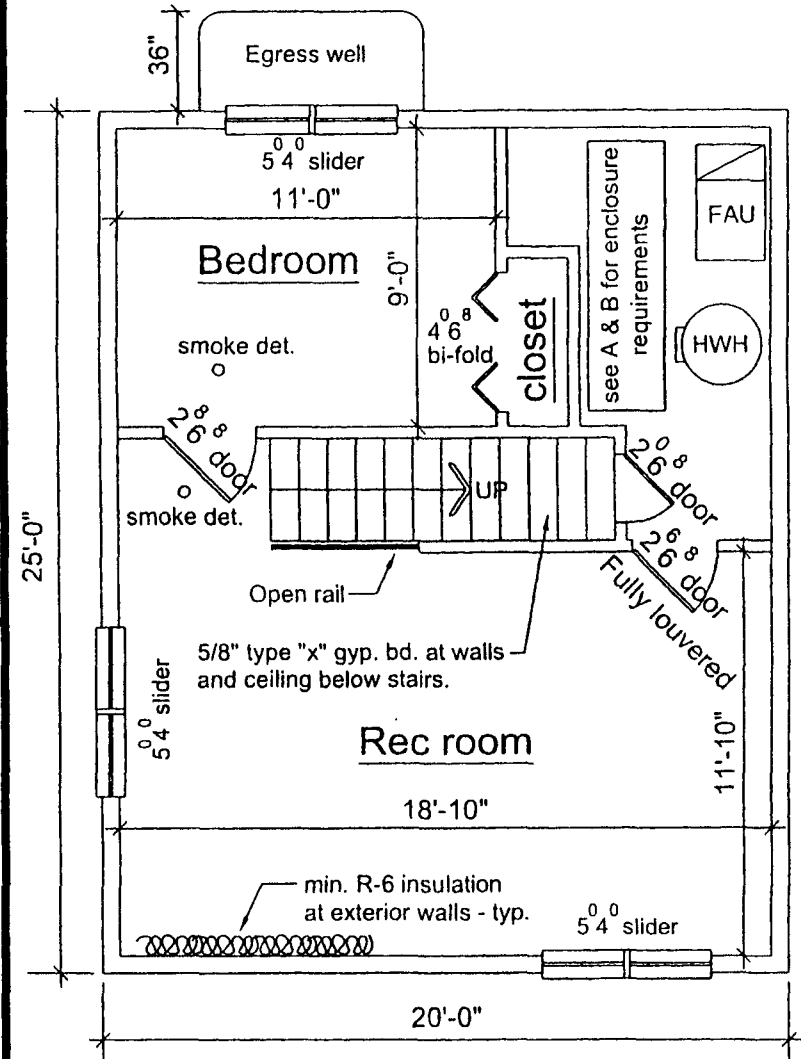
RESIDENTIAL BASEMENT FINISH

Requirements

- Min. 7'-6" finished ceiling height (6'-8" below beams and ducts for 8'-0" width max)
- Natural light and ventilation for habitable rooms required to be 5% and 2.5% of square footage of floor area respectively
- 2 exits must be provided (stairway and egress window)
- At least one smoke detector required per level. Smoke detectors required in every bedroom and hallways to bedrooms
- Gas clothes dryers shall not be located in same room with gas-fired appliances
- Gas furnaces and hot water heaters cannot be located in or have access thru a bedroom, bathroom, or closet
- Storage rooms must remain unfinished
- Egress window must be provided in each bedroom. Min 20" width, 24" height, and 4.5 Sq.ft. of opening area required. Maximum sill height of 44".
- All non-bearing walls required to be floating (see detail below)



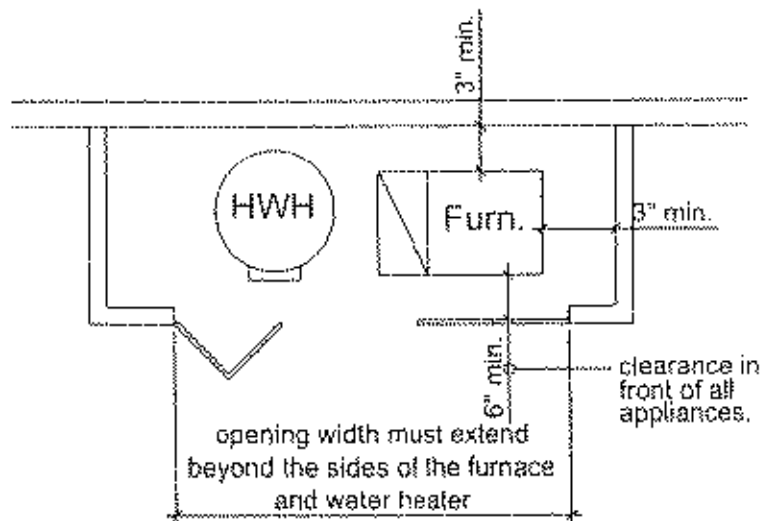
FLOATING WALL DETAIL



SAMPLE FLOOR PLAN

Furnace and Water Heater Enclosures

Combustion air must be provided to the appliances within the enclosure. Provide either a full-louvered door, or two transfer grills in the wall. Each transfer grill will be sized at one square inch per 1000 btu/hr input ratings of all the appliances within the room or 100 square inches, whichever is greater. One grill will be located in such a manner that the air path between the nearest appliance (thru the grill) to any return air register is at least 10'-0".

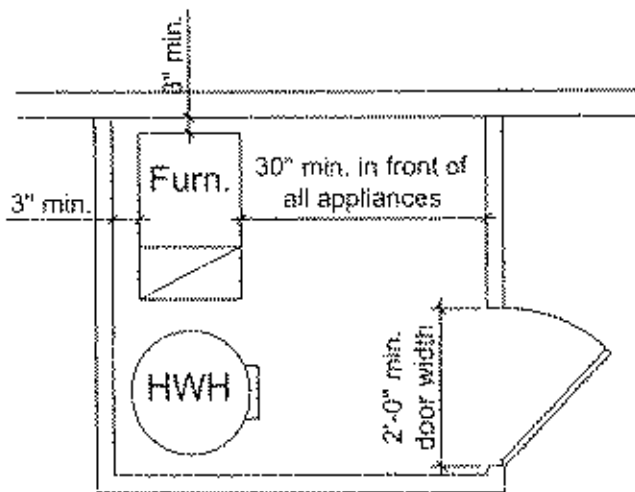
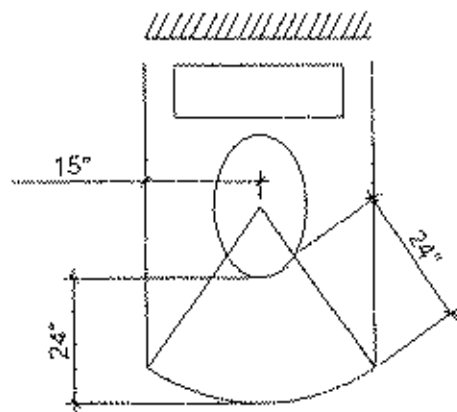


A Furnace and Water Heater Enclosures

Critical Bathroom Dimensions

The shower must have a minimum floor area (finished) of 1024 Sq. in. and be able to encompass a 30" diam. circle

The watercloset (toilet) must be installed with not less than 15" clearance to either side of its center line and have a clear space of at least 24" to the front



B Furnace and Water Heater Enclosures