

**DRYER VENT NOTE**

EXHAUST DUCTS SHALL BE CONSTRUCTED OF METAL, MIN. 0.016 INCH THICK, AND SHALL HAVE A SMOOTH INTERIOR FINISH. THE EXHAUST DUCT SHALL BE A MINIMUM NOMINAL SIZE OF 4 INCHES IN DIAMETER. THE ENTIRE EXHAUST SYSTEM SHALL BE SUPPORTED AT 4 FOOT INTERVALS AND SECURED IN PLACE. THE MALE END OF THE DUCT AT OVERLAPPED JOINTS SHALL EXTEND IN THE DIRECTION OF FLOW. JOINTS SHALL NOT BE CONNECTED WITH SHEET METAL SCREWS OR FASTENING MEANS WHICH EXTEND INTO THE VENT. DRYER TRANSITION DUCTS USED TO CONNECT THE APPLIANCE TO THE EXHAUST DUCT SYSTEM SHALL BE LIMITED TO SINGLE LENGTHS NOT TO EXCEED 8 FEET. SHALL BE LISTED AND LABELED FOR THE APPLICATION, AND SHALL NOT BE CONCEALED WITHIN CONSTRUCTION. THE EXTERIOR EXHAUST VENT SHALL BE EQUIPPED WITH A BACKDRAFT DAMPER.

THE MAXIMUM LENGTH OF THE EXHAUST DUCT SHALL NOT EXCEED 25 FEET FROM THE TRANSITION DUCT FROM THE DRYER TO THE OUTLET TERMINAL. THE MAXIMUM LENGTH OF DUCT SHALL BE REDUCED FOR EACH BEND, AS REQUIRED. WHEN A DRYER IS INSTALLED AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS ARE PROVIDED TO THE CODE OFFICIAL, THE MAXIMUM LENGTH OF THE EXHAUST DUCT INCLUDING ANY TRANSITION DUCT, SHALL BE PERMITTED TO BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. WHEN A DRYER IS NOT INSTALLED AND THE EXHAUST DUCT IS CONCEALED WITHIN THE BUILDING CONSTRUCTION THE EQUIVALENT LENGTH SHALL BE IDENTIFIED ON A PERMANENT LABEL OR TAG LOCATED WITHIN 6 FEET OF THE EXHAUST DUCT CONNECTION.

**MAKE-UP AIR**

Provide fresh air intake for make-up air connected to the return duct of the HVAC system.

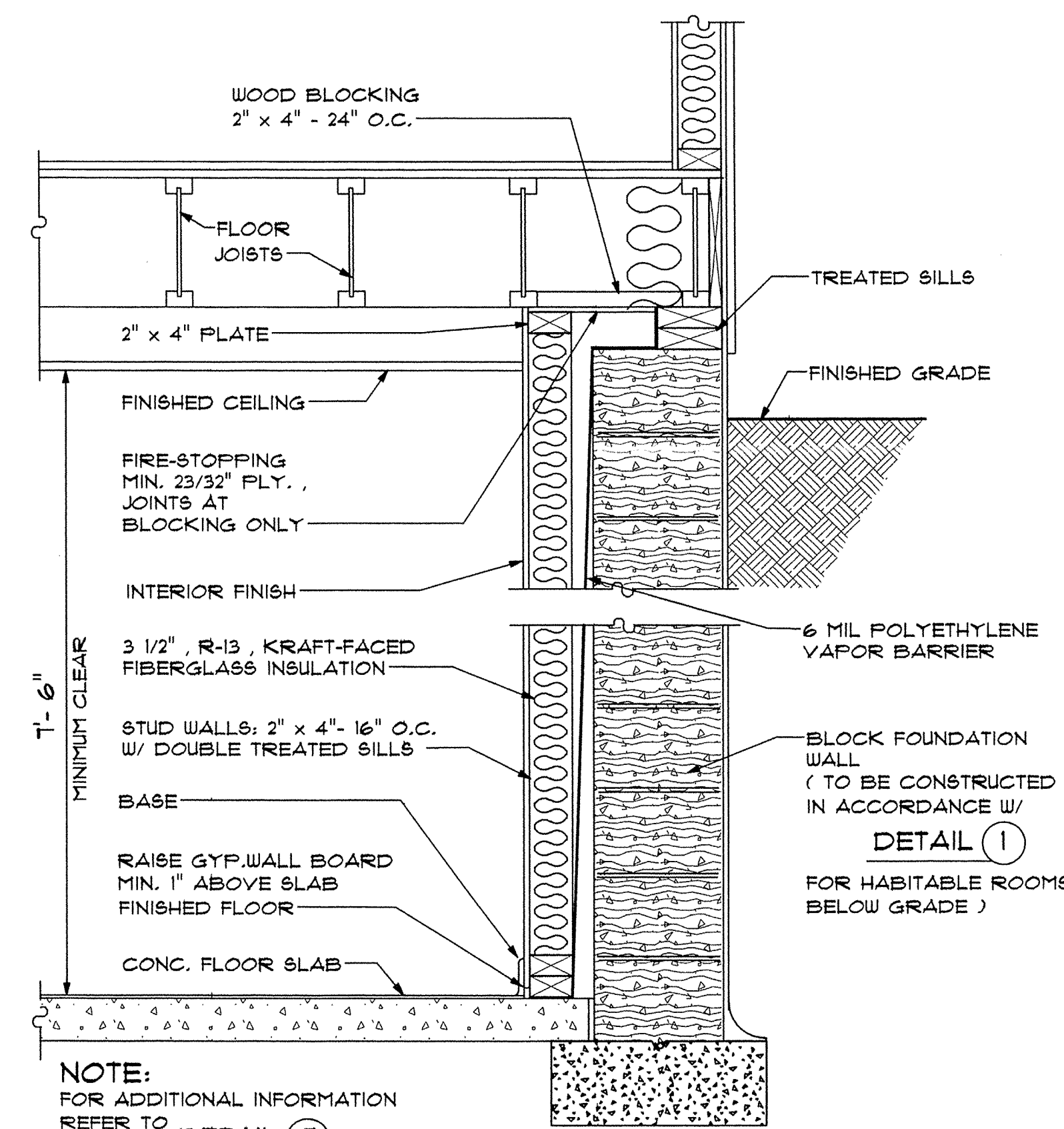
Outside or return air shall not be taken from the following:

1. Closer than 10 feet from an appliance vent outlet, a vent opening from a plumbing drainage system discharge, an exhaust fan ( unless the outlet is 3 feet above the outside of the air inlet ).
2. Where there is a presence of objectionable odors, or flammable vapors, when located less than 10' feet above the surface of any abutting public way, where located at grade level by a sidewalk, street alley or driveway.
3. A room or space, the volume served by the system.
4. A Closet, Bathroom, Toilet room, Kitchen, Garage, Mechanical room, Furnace room, or other Dwelling unit.
5. A room or space containing a fuel burning appliance.

Protective screens for intakes and exhausts shall provide openings not less than 1/4" and not greater than 1/2"

**MECHANICAL ROOM**

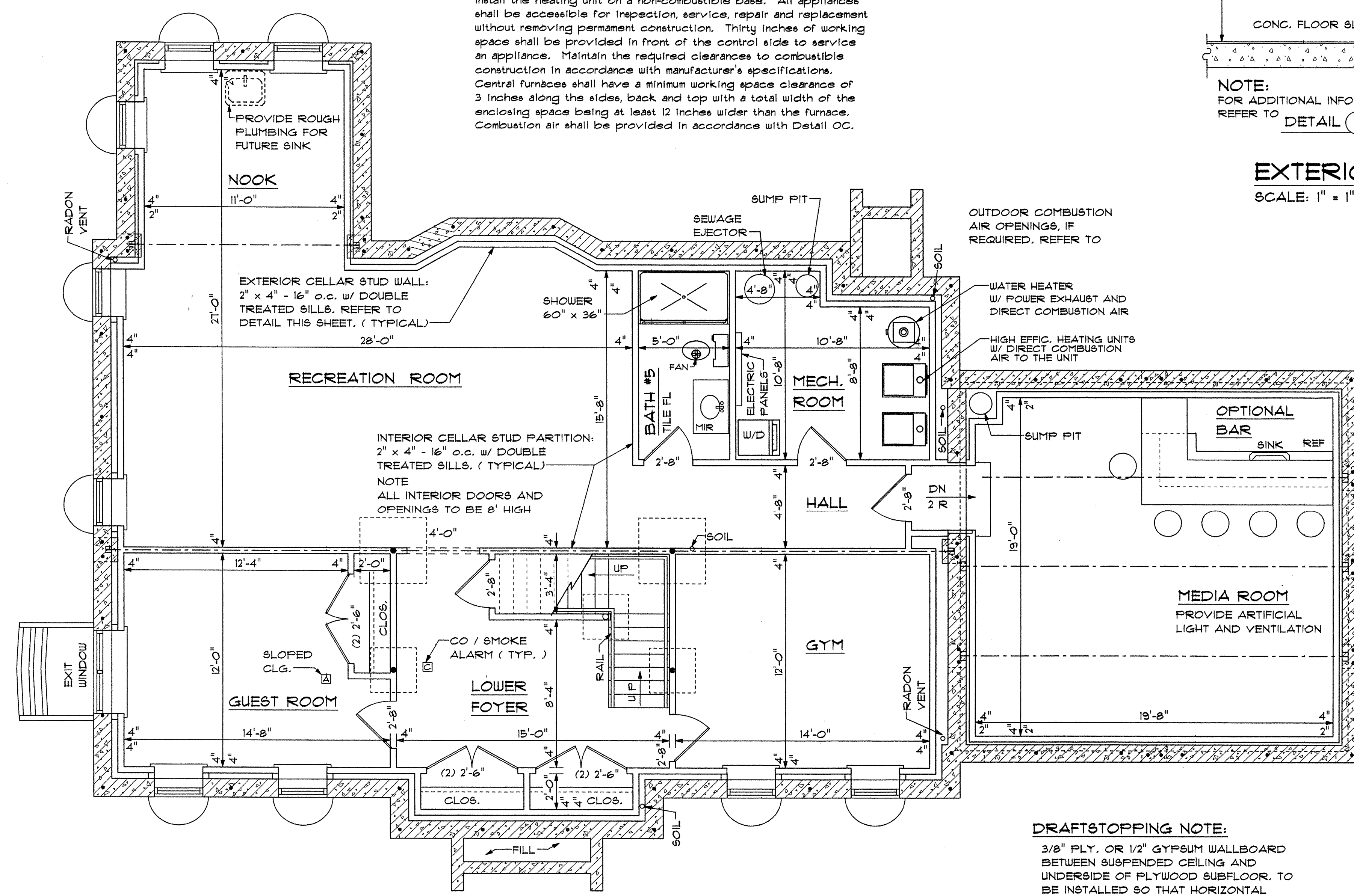
5/8" Firecode gypsum wallboard on the entire ceiling and wall area. Install the heating unit on a non-combustible base. All appliances shall be accessible for inspection, service, repair and replacement without removing permanent construction. Thirty inches of working space shall be provided in front of the control side to service an appliance. Maintain the required clearances to combustible construction in accordance with manufacturer's specifications. Central furnaces shall have a minimum working space clearance of 3 inches along the sides, back and top with a total width of the enclosing space being at least 12 inches wider than the furnace. Combustion air shall be provided in accordance with Detail 0C.



NOTE:  
FOR ADDITIONAL INFORMATION  
REFER TO  
DETAIL (1)

**EXTERIOR MASONRY/STUD WALL DETAIL**  
SCALE: 1" = 1'-0"

NOTE:  
IF WOOD STUD WALL FRAMING MEMBERS ARE ATTACHED DIRECTLY TO THE INTERIOR SURFACE OF THE EXTERIOR MASONRY WALLS, A VAPOR RETARDER MUST BE PROVIDED BETWEEN THE MASONRY WALLS AND THE WOOD FRAMING MEMBERS, OR THE WOOD FRAMING MEMBERS MUST BE TREATED.



**ARTIFICIAL LIGHTING NOTE**  
PROVIDE ARTIFICIAL LIGHTING CAPABLE OF PRODUCING AN AVERAGE OF 6 FOOT CANDLES OVER THE AREA OF EACH ROOM AT A HEIGHT OF 30 INCHES ABOVE THE FLOOR LEVEL.

**ARTIFICIAL VENTILATION NOTE**  
PROVIDE EITHER ARTIFICIAL VENTILATION CAPABLE OF PRODUCING 0.35 AIR CHANGES PER HOUR IN EACH ROOM OR A WHOLE - HOUSE MECHANICAL VENTILATION SYSTEM CAPABLE OF SUPPLYING OUTDOOR VENTILATION AIR OF 15 CFM PER OCCUPANT, COMPUTED ON THE BASIS OF TWO OCCUPANTS FOR THE FIRST BEDROOM, AND ONE OCCUPANT FOR EACH ADDITIONAL BEDROOM.

**DRAFTSTOPPING NOTE:**  
3/8" PLY. OR 1/2" GYPSUM WALLBOARD BETWEEN SUSPENDED CEILING AND UNDERSIDE OF PLYWOOD SUBFLOOR. TO BE INSTALLED SO THAT HORIZONTAL AREAS DO NOT EXCEED 1000 SQ. FT.

| ISSUED FOR  | DATE | DRAWING | DRAWN BY | DATE    | CHKD. BY | CHKD. DATE |
|-------------|------|---------|----------|---------|----------|------------|
| PRELIMINARY |      | SD      | TEC      | 4-28-11 |          |            |
| BID         |      | DD      | REJ      | 6-1-11  | TEC      | 6-15-11    |
| ERECTION    |      | DD      | REJ      | 6-28-11 | TEC      | 6-28-11    |
| AMENDED     |      |         |          |         |          |            |
| PRODUCTION  |      |         |          |         |          |            |

**FINISHED CELLAR PLAN**

**WASHINGTON ARCHITECTURAL GROUP, P.A.**  
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DAVID C. WASHINGTON, ARCHITECT CERT. NO. 06601 *DCW*  
JUN 28 2011

6-28-11  
DATE DRAWN: 6-28-11  
SCALE: 1/4" = 1'-0"  
SHEET (C) OF 12  
COMM. NO. 9125-G