BASEMENT CONSTRUCTION GUIDE

[This document contains relative code requirements when converting existing basements into habitable space. It does NOT cover all aspects of the code nor accept responsibility for errors or omissions, the actual language of the Connecticut State Building Code prevails. Rev19]

Construction Documents;

R106.1 Submittal documents. Submittal documents consisting of *construction documents*, and other data shall be submitted in two or more sets with each application for a *permit*. The *construction documents* shall be prepared by a registered *design professional* where required by the statutes of the *jurisdiction* in which the project is to be constructed. Where special conditions exist, the *building official* is authorized to require additional *construction documents* to be prepared by a registered *design professional*.
Exception: The *building official* is authorized to waive the submission of *construction documents* and other data not required to be prepared by a registered design professional if it is found that the nature of the work applied for is such that reviewing of construction documents is not necessary to obtain compliance with this code.

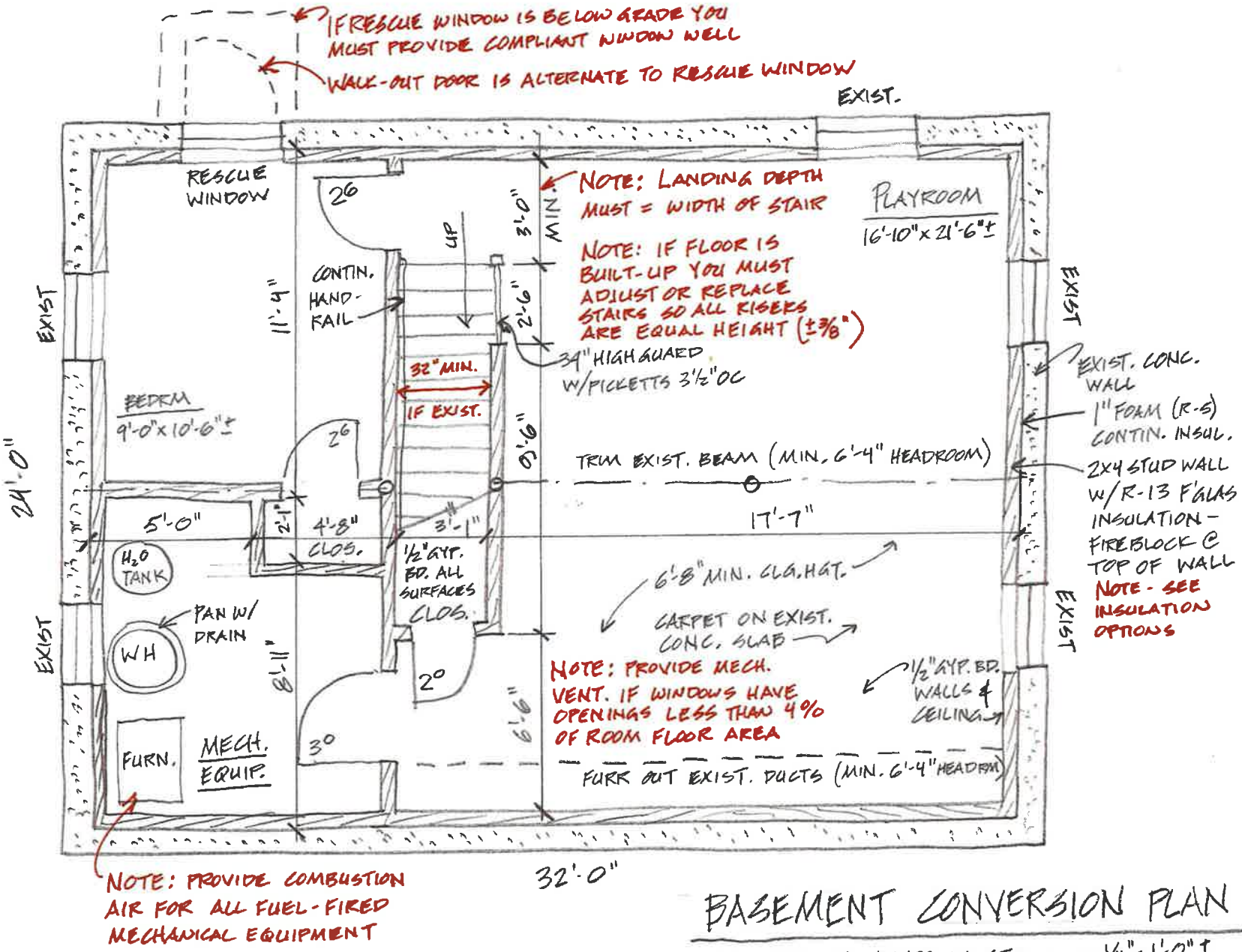
R106.1.1 Information on construction documents. Construction documents shall be drawn upon suitable material. Electronic media documents are permitted to be submitted where approved by the building official. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations, as determined by the building official.

When submitting construction drawings a scaled or dimensioned floor plan of the entire basement needs to be developed. You will need to identify and label all rooms as to their intended use and also identify those portions of your basement that will be finished vs. unfinished.

All existing and proposed Mechanical appliances and Electrical equipment locations must be shown on your floor plan. The finished ceiling height including all clear ceiling heights under beam, girders, ducts or other obstructions must be stated on your plans, please also indicate ceiling heights above all portions of the staircase including landings.

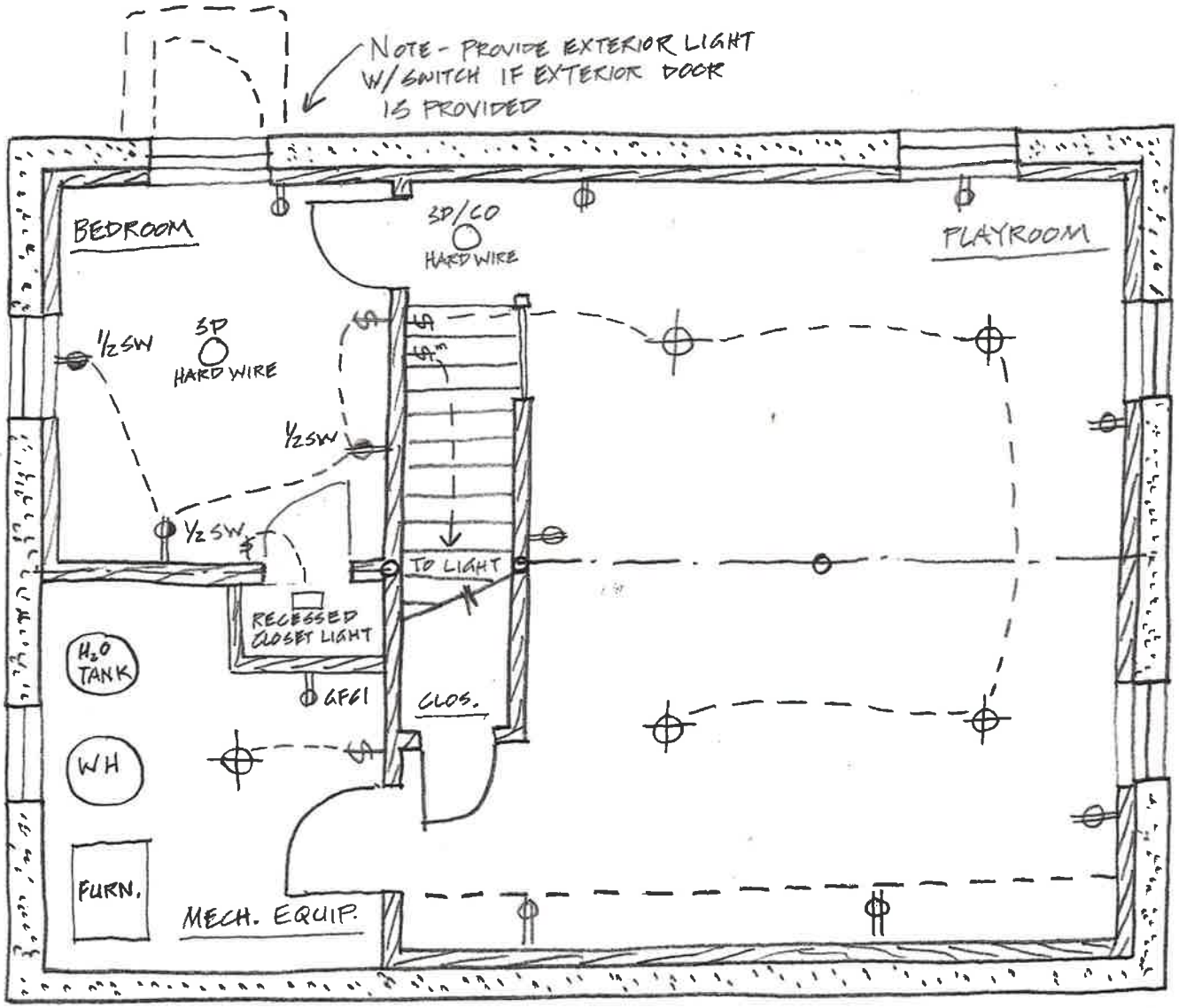
A cross section should also be developed indicating size and material of framing members, method of fire stopping at top of wall, drop ceilings or soffits and "R-values" of all types of insulation to be installed.

**The Following examples of construction drawings are shown for reference only and should not be utilized nor considered as sufficient for submittal when filling an application.



BASEMENT CONVERSION PLAN 1

123 MAIN ST. ANYTOWN CT. ¼" = 1'-0"±

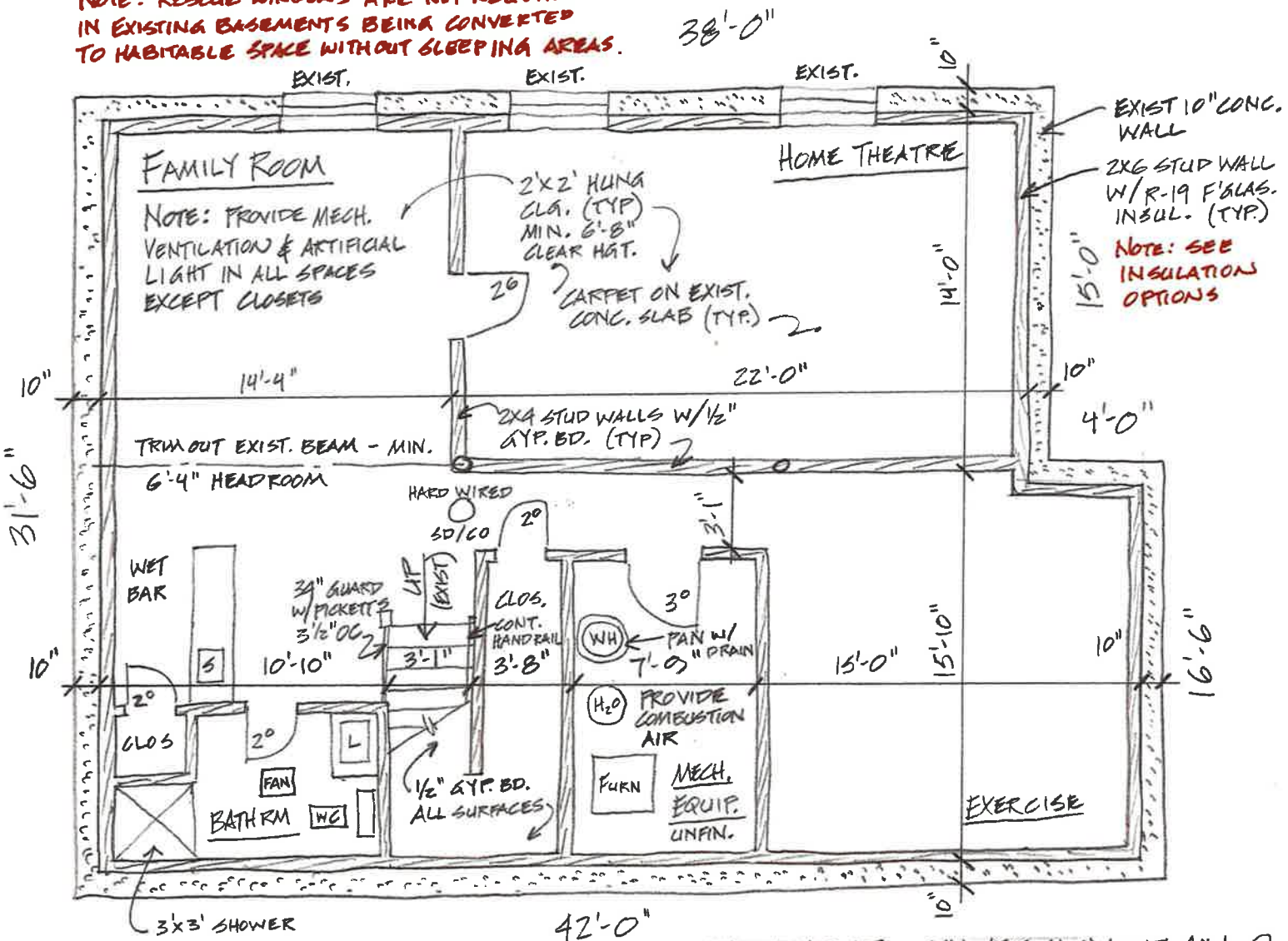


NOTE - ADD BATTERY POWERED SMOKE & CO DETECTORS IN LOCATIONS REQ'D. BY CODE THROUGHOUT HOUSE WHERE NONE EXIST.

BASEMENT ELEC. PLAN 1

123 MAIN ST. ANYTOWN CT.

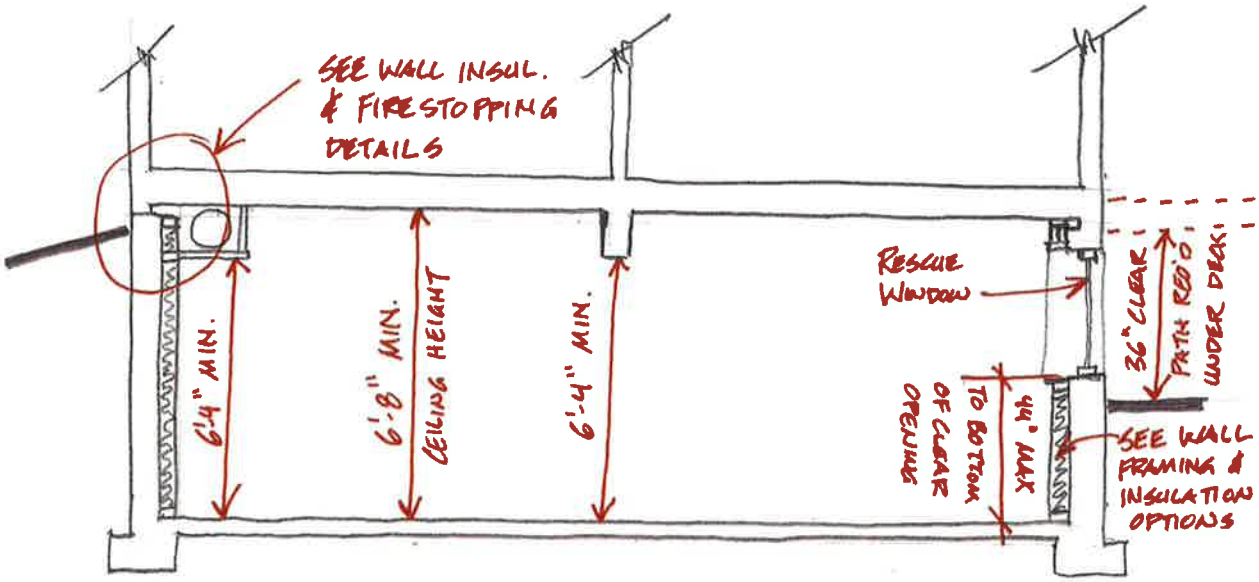
NOTE: RESCUE WINDOWS ARE NOT REQUIRED IN EXISTING BASEMENTS BEING CONVERTED TO HABITABLE SPACE WITHOUT SLEEPING AREAS.



NOTE: PROVIDE BATTERY OPERATED SMOKE & CO DETECTORS IN CODE REQUIRED LOCATIONS THROUGHOUT EXISTING HOUSE WHERE NONE EXIST.

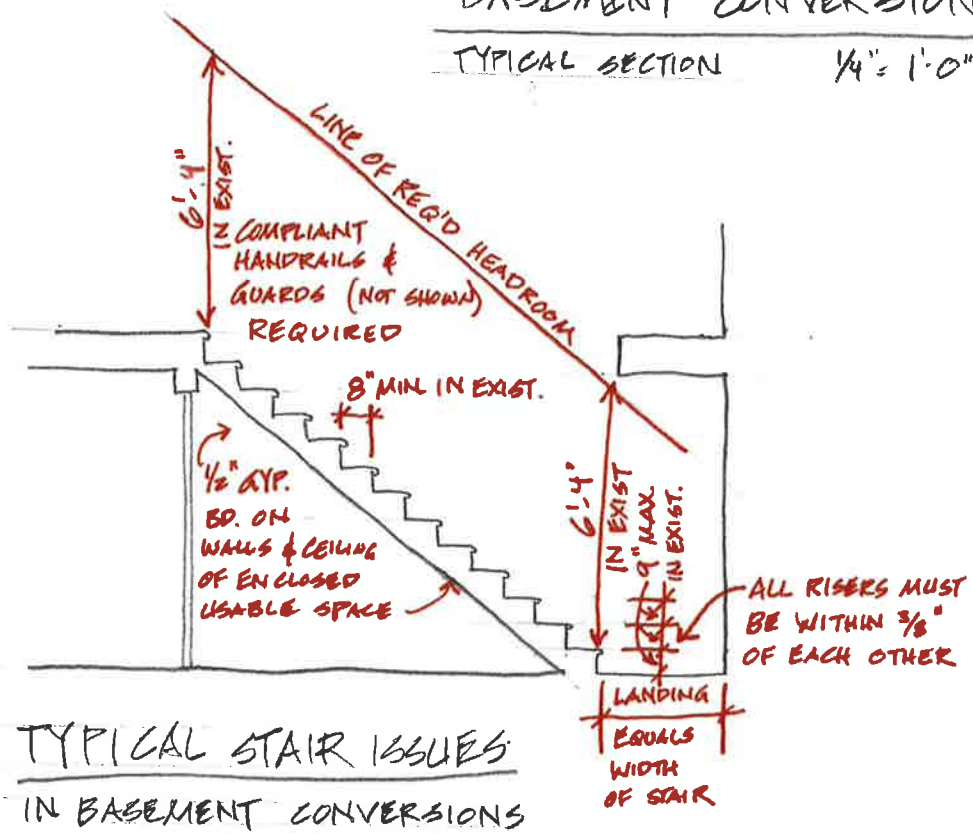
BASEMENT CONVERSION PLAN 2

456 MAIN ST. YOURTOWN CT 3/16" = 1'-0" ±



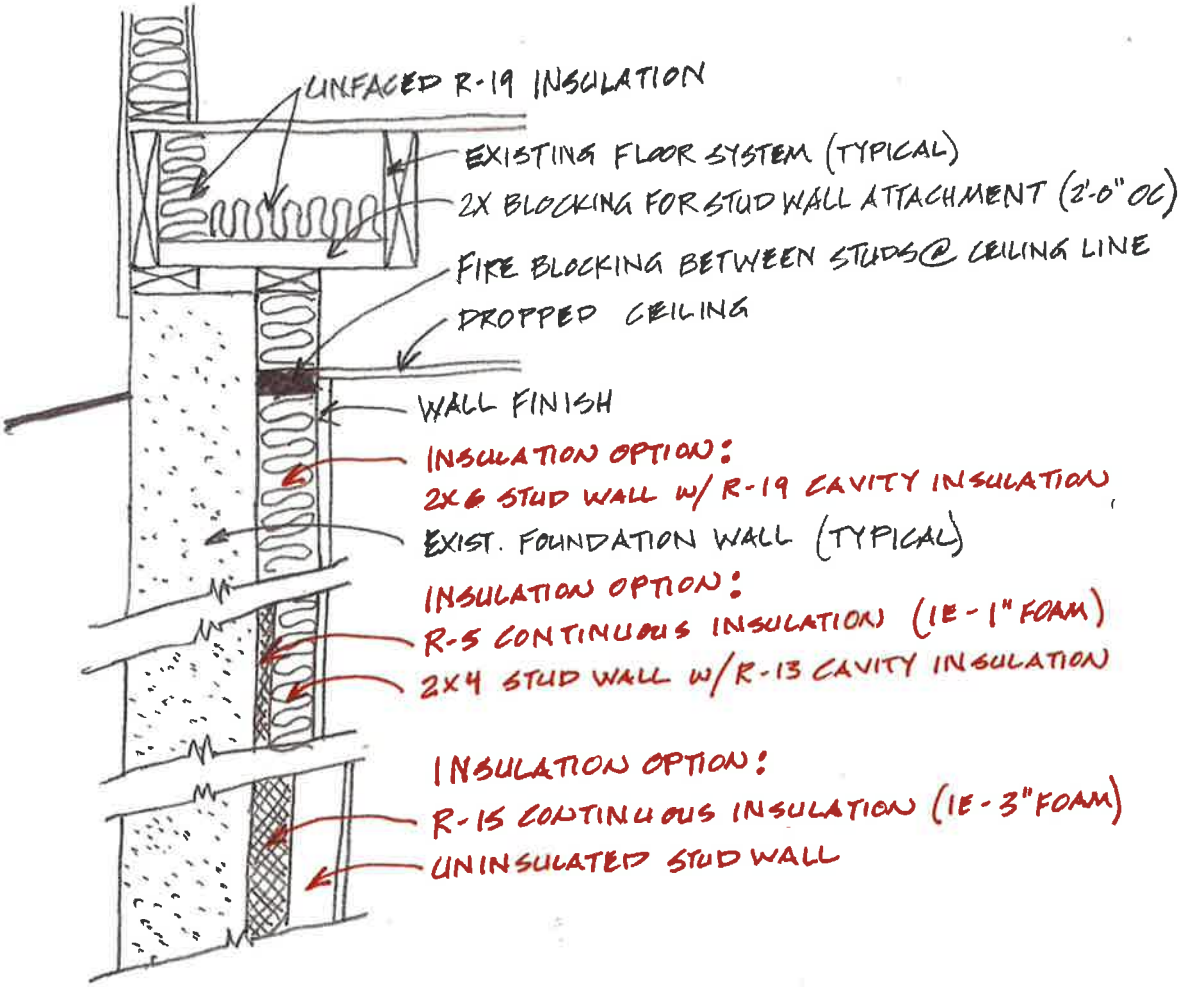
BASEMENT CONVERSION

TYPICAL SECTION 1/4" = 1'-0" ±



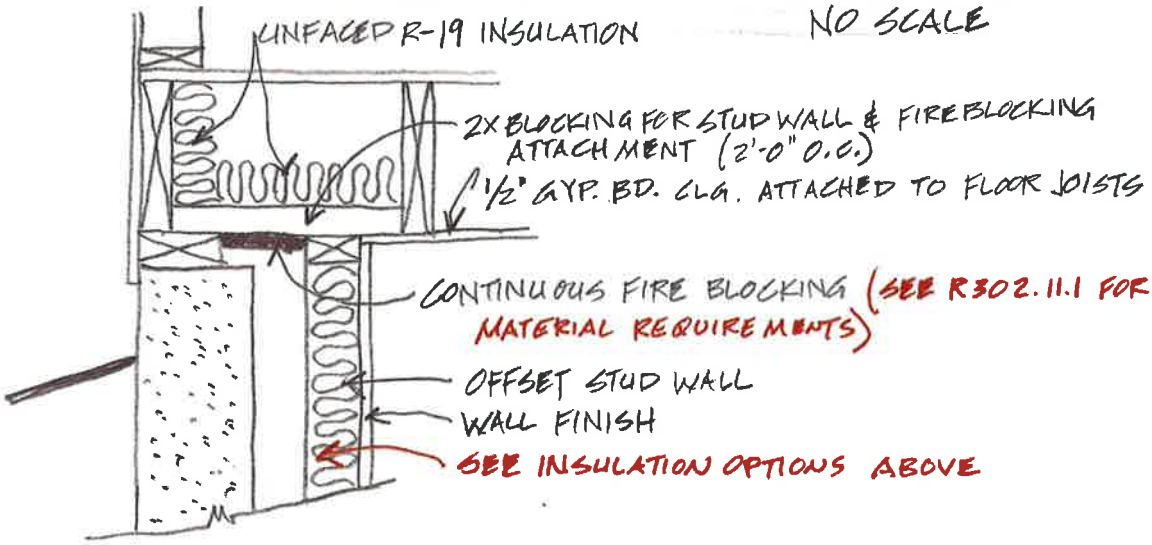
TYPICAL STAIR ISSUES

IN BASEMENT CONVERSIONS



FIREBLOCKING @ DROPPED CEILING

NO SCALE



FIREBLOCKING @ OFFSET STUD WALL

NO SCALE