

BASEMENTS

**Township of Denville
Construction Department
973.625.8300
ext 251**

**FINISHED BASEMENT REQUIREMENTS IN
ONE AND TWO FAMILY DWELLINGS**

EFFECTIVE Jan 1, 2006 all contractors performing residential home improvements are required to be registered with the State as a Home Improvement Contractor. A copy of this registration shall be submitted with each Construction Permit Application. Please see the NJ Div. of Consumer Affairs web site for further information.

<http://www.state.nj.us/lps/ca/contractor.htm>

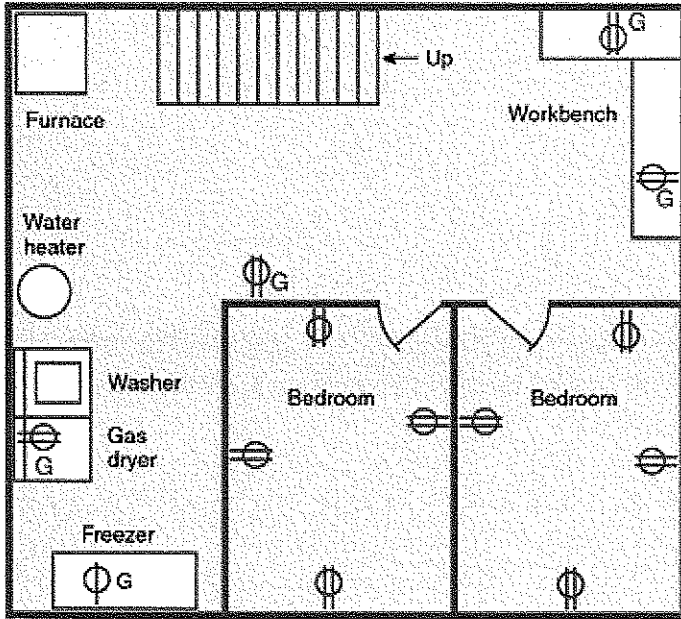
1. Complete the following forms and technical sections as applicable
 - (a) Construction permit application folder.
 - (c) Building Subcode technical section. (include estimated cost of building work)
 - (d) Electrical Subcode technical section.*
 - (e) Plumbing Subcode technical section.*
 - (f) Fire Subcode technical section.

*NOTE: If anyone other than the homeowner performed Electrical or Plumbing work, the applicable technical section **MUST BE SEALED** by the contractor who is performing the work.

2. Submit three sets of scaled drawings (1/8" or 1/4" scale). All drawings should indicate owner's name, address of job site, block and lot number. To draw your own plans, you must be the owner and occupant of said property. If not, you will need drawings by a New Jersey Registered Architect. **The homeowner's signature must be on the plans that they prepare.**
3. The drawings submitted shall include the following information:
 - (a) Show entire basement floor plan, indicating partitions, doors, windows, stairways, guardrails, handrails, closets, columns, heating layout, furnace, hot water heater, chimney, floor covering, smoke detectors.
 - (b) Label use of each room
 - (c) Electric diagram
 - (d) Plumbing Diagram- if adding a bathroom or laundry room
 - (e) Show wall cross section, indicating stud sizes, stud spacing, fire stopping, insulation, wall covering materials, ceiling material, ceiling height, height to girders, and height to heat ducts, if applicable. (See sample)

4. When constructing walls, if using wood, any wood in contact with concrete must be treated.
5. Any sleeping area in a basement shall have at least one operable emergency escape and rescue window or exterior door opening for emergency escape and rescue.
6. Every space intended for human occupancy shall be ventilated by natural or mechanical means.
7. Smoke Detectors and Carbon Monoxide Detectors must be installed in accordance with the Rehabilitation Subcode.
8. Required inspections: Call (973)-625-8300 ext 507 to schedule inspections.
CALL ONLY WHEN YOU ARE READY FOR INSPECTION.
 - (a) Rough electric
 - (b) Rough plumbing (if applicable)
 - (c) Rough fire i.e.: Fire Stopping, Draft Stopping etc.
 - (d) Above Ceiling
 - (e) Framing, rough mechanical i.e.: Exhaust fans
 - (f) Insulation
 - (g) Final electric
 - (h) Final plumbing (if applicable)
 - (i) Final fire protection
 - (j) Final building

**NJAC 5:23 2.18(d) FINAL INSPECTIONS ARE REQUIRED.
SUBJECT TO PENALTY IF NOT INSPECTED.**



G = GFCI protection required

Exhibit 210.12 A basement floor plan with GFCI-protected receptacles in the work area, in accordance with 210.8(A)(5), and non-GFCI receptacles elsewhere.

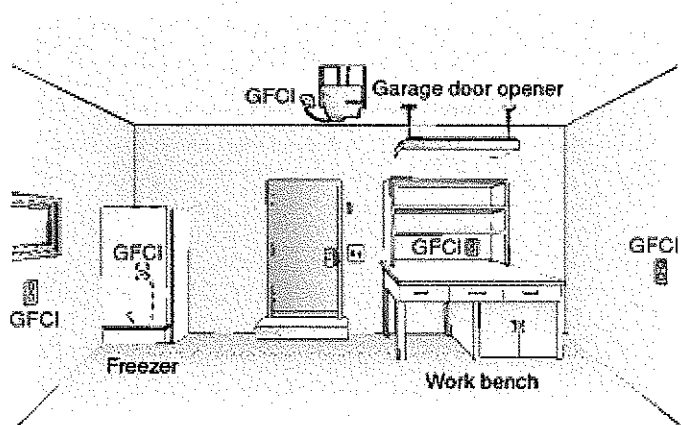
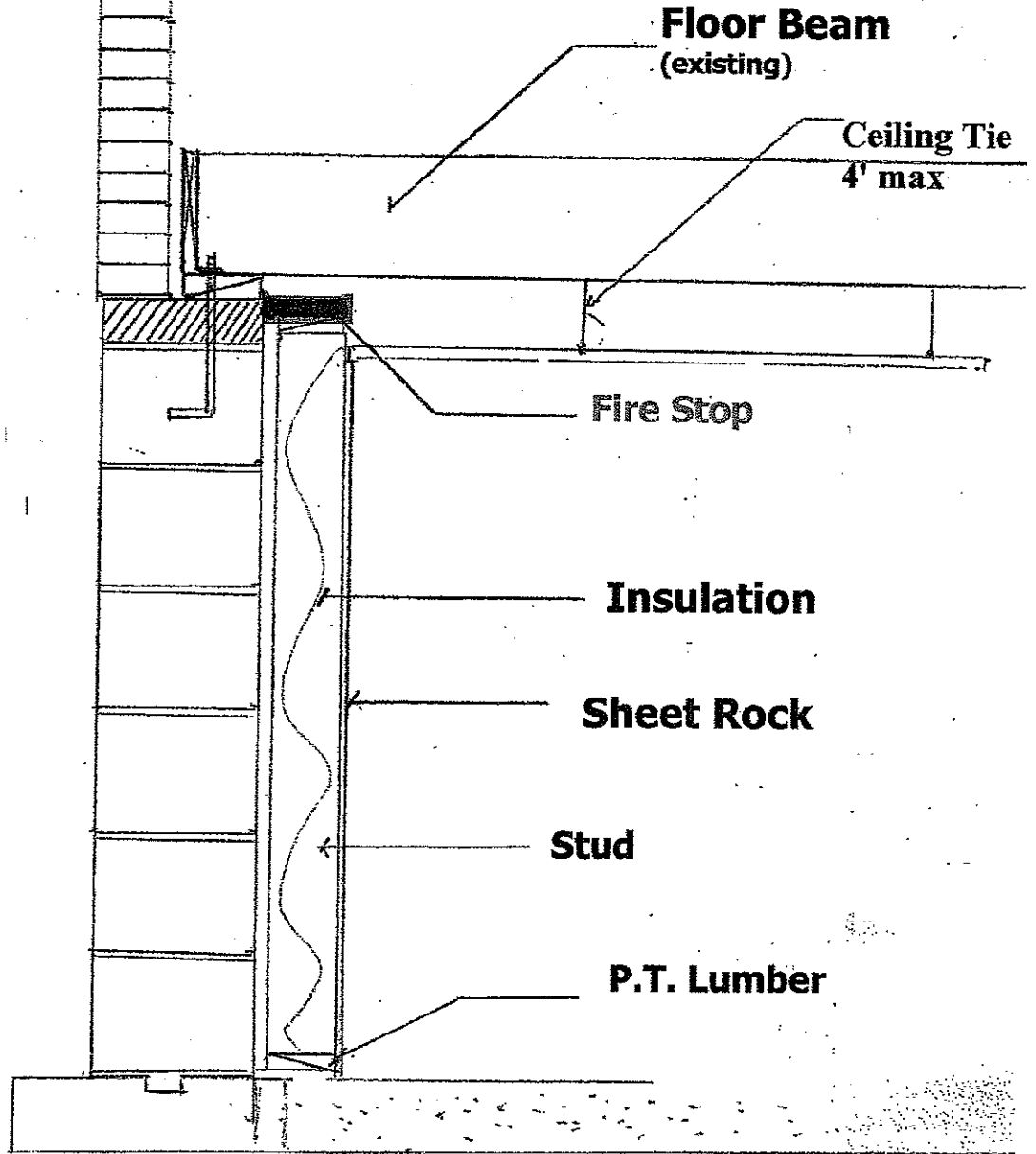


Exhibit 210.10 Examples of receptacles in a garage that are required by 210.8(A)(2) to have GFCI protection.

EXAMPLE WALL - CROSS SECTION

SIDE VIEW



TOP VIEW

