



Inspectron, Inc.
15120 Chippendale Ave.
Suite 202
Rosemount, MN 55068

Basement Finish Remodel Handout

PERMITS

Permits are required almost anytime construction work is done in a home. When construction or finishing changes or alters wall locations, plumbing, heating, electrical, ventilation, and other structural elements permits will be required. Inspections are done on these projects to insure that the project meets building code safety requirements. There are some exceptions when a permit is not required. Check with the Building Official about your project to be sure. If you are altering or adding plumbing, heating, electrical and/or adding a fireplace you will need additional permits. Typical permits for basement finishes and remodels include the following:

- Building
- Plumbing
- Heating
- Fireplace
- Electrical

All of these permits can be obtained through Inspectron, Inc. except the electrical permit which is issued by the State of Minnesota.

PLAN SUBMITTAL DOCUMENTS

- 2 sets of plans (one will be returned to you with your permit)
- Plans must include scaled drawing. All room measurements and room usages must be labeled.
- Completed permit application

LIST OF INSPECTIONS

- Rough-in inspections for electrical, plumbing, heating, and fireplaces must be done and pass before calling for the framing inspection.
- Framing inspection will be done after all rough in inspections but before covering with sheetrock.
- Insulation/Vapor Barrier is done after the insulation and vapor barrier are installed but before covering with sheetrock.
- Final inspections for electrical, plumbing heating and fireplaces can be done as part of the building final when the work is finished.

GENERAL CODE REQUIREMENTS

- Refer to the basement plumbing handout for specific code requirements.
- Engineered lumber, joists and beams must not be cut or notched.
- Chemical compounds used in treated lumber may be corrosive to the fasteners and connectors. Check to make sure you have fasteners with the proper coatings.
- If stairs or guardrails are included in this project refer to the Stair and Guardrail Handout.
- Egress windows are required in all bedrooms. There must be at least one egress window in the basement even if no bedrooms are planned on that level of the house. Refer to the Egress and Window Well Handout for size and location of these windows.
- Separate dwelling units in basement must be approved by the local jurisdiction.

If you have questions, contact Inspectron, Inc. at 651-322-6626 or 800-322-6153 Monday through Friday between 8:00 am and 4:30 pm. We are happy to answer your project questions!



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Basement Finish Information Sheet

Install vapor retarder on/against wall prior to framing and before sheet rock.

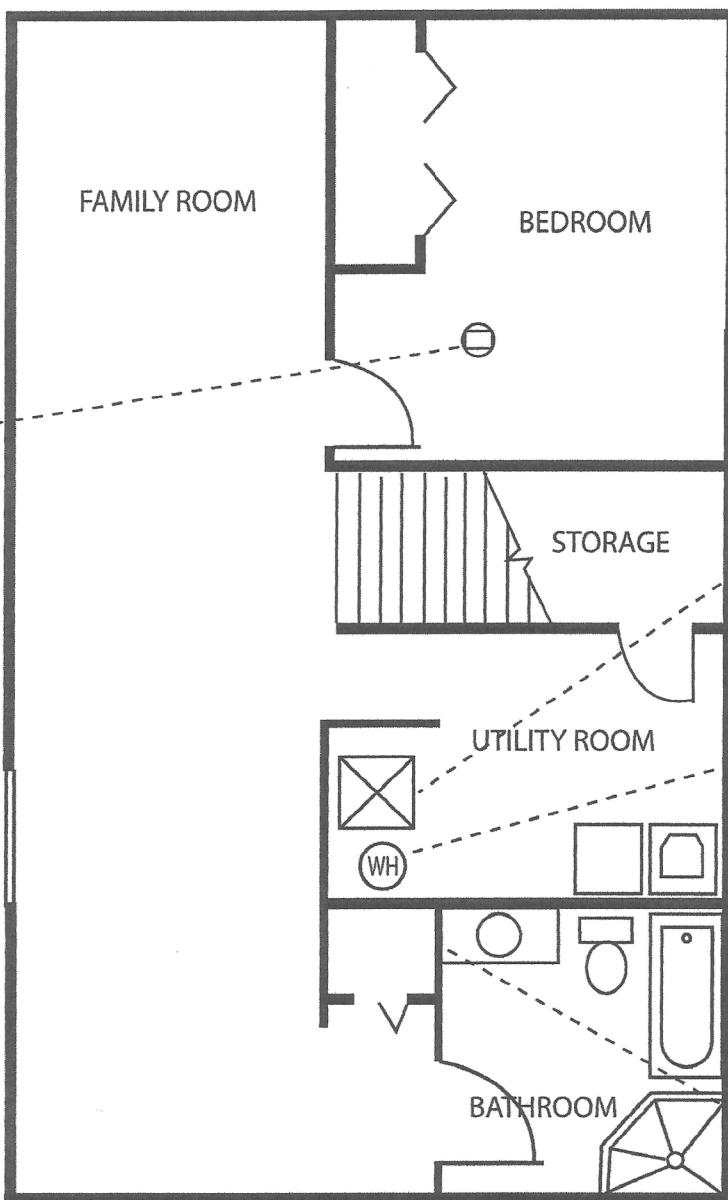
Insulate basement exterior walls below grade a minimum R-5. Walls above grade to a minimum of R-19.

Smoke detectors are required in all sleeping rooms. Detectors shall be hard-wired with battery back-up and be interconnected. CO2 detectors need to be within 10 feet of all bedroom doors. Show locations on plan.

Supply and return air is required for all rooms. Show supply and return duct location. The exception is bathrooms which have supply air only.

Label all rooms showing usage. Label unfinished areas as "unfinished".

Ceiling height is to be 7' with 6'-6" allowed for projections such as beams and ducts.



Show window sizes
Egress window required in each bedroom. See handout for specific size and location requirements.

Protect storage under stairs on enclosed walls and ceiling with 1/2" gypsum board.

Provide combustion air to furnace and clear 30" working space in front of furnace

A water heater must be able to be removed with the furnace intact.

New gas line indicated. Threaded connections cannot be covered with sheetrock. Use welded connections.

Show bathroom layout in drawing

GFI outlet required in bathroom and for mechanical equipment

Gas fired furnace or water heater cannot be in a bathroom, bedroom or closet.

This information is a guide to the most common questions. It is not intended, nor shall it be considered, a complete set of requirements.



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Basement Finish Wall Section Comments

