

## **“Home Improvements” If You Want To Finish Your Basement**

Many home improvement projects are subject to community zoning and building code restrictions and do require a permit. This information sheet has been written to help you with your construction project. It lists the information needed to be submitted with an application for your specific project.

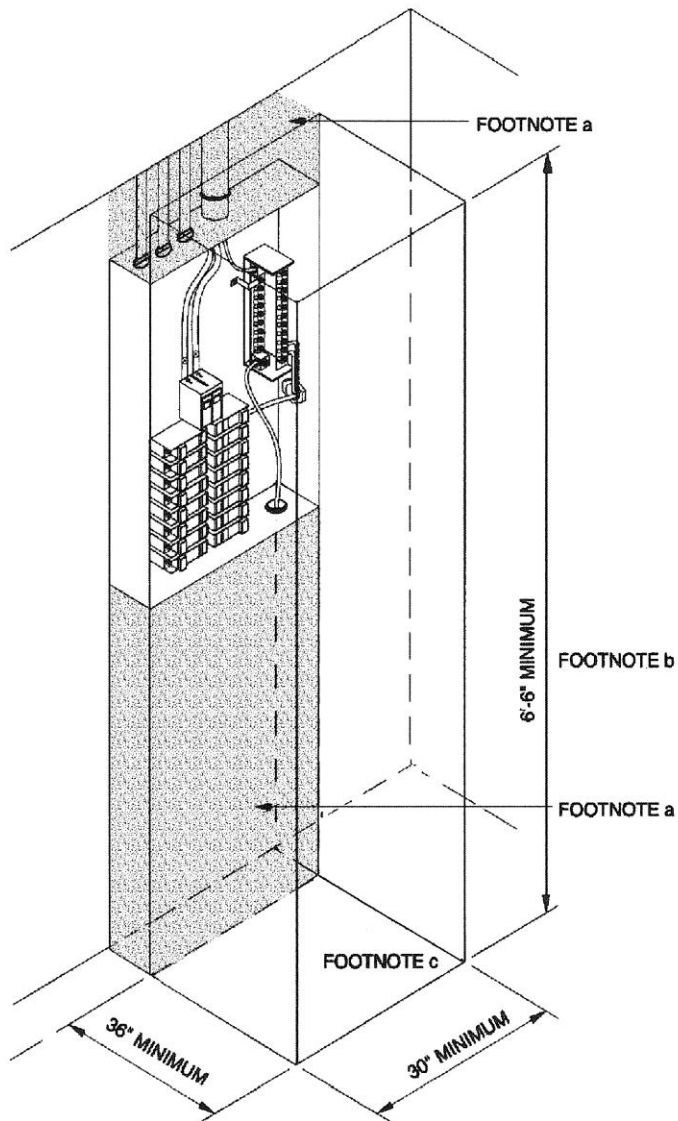
Please submit the following information:

- Submit a drawing of your basement finish; please provide scaled drawings showing the work to be performed including a floor plan identifying each room, placement of windows and doors, and specific locations of bedrooms. Please include a list of materials used. Please include mechanical, electrical, plumbing, and fireplace if applicable.
- Fill out the building permit application.
- You will be required to call for a framing inspections, mechanical and plumbing inspections, electrical inspections and final inspection.

Some of the specific requirements for basement finish include, but are not limited to:

- All bedrooms must have an emergency egress window (See emergency egress window guidelines).
- Electrical outlets are required for every twelve 12' feet of wall space (six 6' feet from starting point). Arc-fault circuit interrupters are required.
- Additional smoke and carbon monoxide alarms will be required as for new construction.
- Bathrooms are required to have an openable window or bath fan vented to the outside.
- All clothes dryers are required to be vented to the outside.
- Electrical service panels are not permitted in clothes closets, and also require a minimum working clearances, see illustration. Water pipes and drain lines are not permitted to be located above a service panel.
- Combustion air is required for all mechanical rooms.
- Wood stud walls are required to have decay resistant treated bottom plates when installed on concrete floors.
- Bedrooms and bathrooms must not open directly into mechanical rooms.
- GFCI outlets are required in all bathrooms and within six 6' feet of all laundry sinks and bar sinks.
- The minimum headroom clearance for all habitable spaces must be seven 7'feet.
- Additional requirements may apply dependent on your specific project.

Construction permit applications can be obtained in the Community Development Department located at 300 East Pearl Street, Monday through Friday from 8:00 AM to 4:30 PM, or online at [www.ci.harrisonville.mo.us](http://www.ci.harrisonville.mo.us). Our telephone number is 380-8958 if you have any questions or would like to request an inspection.



For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

- a. Equipment, piping and ducts foreign to the electrical installation shall not be placed in the shaded areas extending from the floor to a height of 6 feet above the panelboard enclosure, or to the structural ceiling, whichever is lower.
- b. The working space shall be clear and unobstructed from the floor to a height of 6.5 feet or the height of the equipment, whichever is greater. ■
- c. The working space shall not be designated for storage.
- d. Panelboards, service equipment and similar enclosures shall not be located in bathrooms, toilet rooms, clothes closets or over the steps of a stairway.
- e. Such work spaces shall be provided with artificial lighting where located indoors and shall not be controlled by automatic means only. ■

**FIGURE E3405.1<sup>a, b, c, d, e</sup>**  
**WORKING SPACE AND CLEARANCES**