



HOMEOWNER PROJECTS CODE REQUIREMENTS

City of River Falls Inspection Department

Electrical

- Outlets box locations:
 - 6-foot, 12-foot rule
 - On walls 2-foot or greater in length in habitable rooms.
 - GFCI requirements
 - ARC fault requirements – All branch circuits, except bathroom, kitchen, laundry, & exterior. NEC 210.12(B)
 - Caulk penetrations in exterior wall outlet boxes. (Lighting and receptacles)
- Lights:
 - Fan rated boxes
- General:
 - Secure wire within 12-inches of any box and minimum every 4 feet.
- Smoke Detector & Carbon Monoxide Detector requirement
- Maintain clearance in front of electric service panel- 30" wide, 36" out from panel face.

HVAC

- Provide a supply and return duct for each habitable room.
- Exhaust fans required for the bathroom and terminated at the home exterior.
- No electrical boxes allowed in the return air duct. Electrical wires can only run perpendicular through the return air duct cavity.
- No plumbing allowed in the return air duct.
- Caulk all penetrations in the return air duct, spray foam not allowed.

Plumbing

- Toilet clearance:
 - 15-inches from center to finished wall or cabinet.
 - 24-inches minimum clearance from front edge of stool.
- Vent requirements for waste lines.

Construction

- Doors – minimum 32-inch wide doors required for:
 - ½ the bedrooms
 - One full bath
 - All common area doors (utility room, storage room, office, etc)
- Soffits – draft stopping
- Egress windows – bsmt & 2nd floor bedrooms:
 - 46-inches maximum allowed height from finished floor to the lowest point of clear window opening.
 - Minimum clear opening of 24-inches by 20-inches.
- 8% glass area of the floor area for all habitable rooms, including basement bedrooms.

NOT ALL INCLUSIVE - For more details check the [Wisc State Admin. Codes SPS 320-325.](#)