

**APRIL 2020**

**BUILDING**

**Final Inspections**



We have found that a lot of final inspections are not being completed because the department is not being notified when work is completed. It is not the responsibility of the building department to set up inspections with the contractor's clients. If the contractor can not be at the location when the inspector can be there, then the contractor needs to tell their client to contact the building department to set up a final inspection. If you have any questions, please let the building department know.

**Electrical Plans**

When submitting remodel/additions/basement finish drawings, you must show ALL electrical outlets, lights, switches, disconnects, etc. Plan review can't be completed in a timely manner if this or other information is missing from the plans.

**PLUMBING**

**Water Heaters**

The minimum capacity for storage water heaters shall be in accordance with the first hour rating listed in Table 501.1(1) in the 2015 Uniform Plumbing Code.

**TABLE 501.1(1)  
FIRST HOUR RATING<sup>1</sup>**

Number of <u>Bathrooms</u>	1 to 1.5			2 to 2.5				3 to 3.5			
	1	2	3	2	3	4	5	3	4	5	6
Number of <u>Bedrooms</u>											
First Hour Rating, <sup>2</sup> Gallons	42	54	54	54	67	67	80	67	80	80	80

For SI units: 1 gallon = 3.785 L

**Notes:**

<sup>1</sup> The first hour rating is found on the "Energy Guide" label.

<sup>2</sup> Solar water heaters shall be sized to meet the appropriate first hour rating as shown in the table.



**\*\*\*DO NOT FORGET TO CALL FOR FINAL INSPECTIONS.\*\*\***

## ELECTRICAL

Per the 2017 National Electrical Code:

### **422.31 Disconnection of Permanently Connected Appliances.**

- (A) **Rated at Not over 300 Volt-Amperes or 1/8 Horsepower.** For permanently connected appliances rated at not over 300 volt-amperes or 1/8 hp, the branch-circuit overcurrent device shall be permitted to serve as the disconnecting means where the switch or circuit breaker is within sight from the appliance or is lockable in accordance with 110.25. (*See section below*)
- (B) **Appliances Rated over 300 Volt-Amperes.** For permanently connected appliances rated over 300 volt-amperes, the branch-circuit switch or circuit breaker shall be permitted to serve as the disconnecting means where the switch or circuit breaker is within sight from the appliance or is lockable in accordance with 110.25. (*See section below*)

**110.25 Lockable Disconnecting Means.** If a disconnecting means is required to be lockable open elsewhere in this *Code*, it shall be capable of being locked in the open position. The provisions for locking shall remain in place with or without the lock installed.

**314.20 Flush-Mounted Installations.** Installations within or behind a surface of concrete, tile, gypsum, plaster, or other noncombustible material, including boxes employing a flush-type cover or faceplate, shall be made so that the front edge of the box, plaster ring, extension ring, or listed extender will not be set back of the finished surface more than 6 mm (1/4 in.)

Installations within a surface of wood or other combustible surface material, boxes, plaster rings, extension rings, or listed extenders shall extend to the finished surface or project therefrom.



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