



March 26, 2014

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The following are corrective actions required to be in compliance with the requirements of the State Plumbing Board of North Dakota. Per a conversation with Brent; State Plumbing Board the following actions shall meet the State's applicable standards.

All work performed in the State of North Dakota shall be by a North Dakota Licensed Master Plumber or a Licensed Plumber from another state with reciprocity.

Replace 3 inch double 90 that is not code.

- Remove all double fixture fittings; drain piping shall be a horizontal termination for continuation by site plumber.

Replace 3 inch 90 that have male thread.

- Remove all male thread fittings; drain piping shall be a horizontal termination for continuation by site plumber.

Replace back graded drain lines.

- Repair, Remove and/or replace all drain piping with a back slope; visual inspect all drain piping to verify all drain piping is installed with the appropriate slope.
 - 2009 UPC Sec 708.0

Replace shower p-traps with glued p-traps so you don't need access panels.

- Remove and replace all screw type p-traps with glued p-traps.

Install missing p-traps for showers.

- Install a glued p-trap at fixtures that were not installed.

Hookup some waterlines that did not get connected.

- Inspect water supply piping to verify each fixture is provided with the required supply piping; connect supply piping to any fixture as required to complete the water supply piping, remove any branch lines not required.

Install water heater pans because there is no floor drain in furnace water heater room

- Verify all dwelling units are provided with a water heater pan and drain to an approved location.
 - 2009 UPC Sec 508.4

Secure waterlines and cut some waterlines that run below floor trusses and connect back above floor trusses.

- Remove, rework and/or relocate all water supply piping installed or sagging below the floor framing.
- Visually inspect all water supply piping for required support; piping shall be supported at intervals not to exceed 32 inches.
 - 2009 UPC Sec 609.1, Sec 314.0, Table 3-2

Floor Framing

Damaged floor trusses

- A repair for each damage floor truss has been requested from Universal Forest Products.

Stairwell opening header

- Per the original design documents a wall was indicated adjacent to the stairs. The length of the header exceeds the allowable span for the material used and the tributary area to be supported. The method of framing the opening is for construction in the manufacturing facility, shipping, and setting of the unit. The header shall be supported by a continuous wall as per the design documents.
 - The cut member (in the photo) is not a structural member when the proper required support is provided for the stairwell header.

Sincerely

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