



April 14, 2014

Ron McCaslin
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Brent Beechie, North Dakota State Plumbing Board performed a follow up inspection of the Monday One (Hunters Run) project. The following are deviations noted during his inspection and the corrective actions required to meet the State's applicable standards.

Noted Deviations;

½ Bath, the lavatory vent piping is horizontal below the flood plain of the fixture (all units).

- There are 90 degree elbows within the vanity cabinet above the waste tee for the p-trap to located the vent piping within the wall, 2009 UPC Section .
 - Remove the two 90 degree elbows, install 45 degree elbows.

Vents thru the Roof are less than the 10 inch minimum requirement (numerous locations).

- Install vents are less than the required 10 inch extension per the 2009 Uniform Plumbing Code.
 - Cut existing vent piping that is less than the minimum requirement below the roof line; replace vent piping to extend a minimum of 10 inched above the roof line at the upslope side of the vent piping.

Drain piping with a back slope.

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

Relief valve termination.

- Relief valve pipe termination, Steve Payne stated the relief valve piping is installation will permit discharge to spray out of the overflow pan.
 - Inspect relief valve piping and adjust as required to be per manufacturer's installation instructions.

General Observations;

Data Plate

- Did not find a Data Plate with Inspection Agency, Applicable Codes, and Manufacturer.

Water Heaters

- Gas Water Heaters installed, single combustion air source provided.
 - Combustion air source shall be provided per International Mechanical Code Chapter 7, combustion air shall be provided per manufacturer's installation instructions.
 - 2009 Uniform Plumbing Code; Sec 507.0 Air for Combustion and Ventilation
 - Sec. 507.1, Sec. 507.2, Sec. 507.3, Sec 507.4, Sec 507.5, Sec 507.8
- TechCAD Services LLC shall review the design documents to determine the ability to install the required appliance venting.
 - It was mentioned at the end of the Monday Conference Call on the Ridge project that the units remaining in the yard, the appliance venting has been addressed.

The above noted items shall be re-inspected during the final inspection; an additional inspection for these items is not required

Sincerely

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Brent Beechie
North Dakota State Plumbing Board