

Building and Safety Division Inspection Standards Under-Slab Inspection

Water lines

- 1) Verify that all under-slab water piping is under air or water test and is not leaking.
- 2) Check to ensure that hot and cold water lines do not overlap. If lines overlap they may be sleeved or wrapped.
- 3) Verify water lines do not enter or terminate in required spread footings.
- 4) Verify that waterlines exit foundation at relative right angles to continuous footings, they are protected with approved sleeve or wrap, and that water lines do not travel in continuous footings.
- 5) Ensure that there are no joints in water lines under-slab. Exception: Brazed joints.
- 6) Ensure that no branch lines are encased in concrete.

Water Main

- 1) Check to make sure that there is no bending of water main and that water main PVC pipe is primed before being glued (purple primer, blue glue).
- 2) Make sure that transition from PVC to Copper water pipe happens BELOW FROST LINE or 12" below grade, whichever is greater.
- 3) Check water test.

Building Drain

- 1) Verify that DWV is under minimum 10' water head test or 5 pound air test.
- 2) Check all drain piping for correct grade.
- 3) Ensure that all drain fittings that change direction are of the correct sweep. No hard 90's, ESPECIALLY WATER CLOSET BRANCH LINES!
- 4) Check for the correct glue for like materials and for connection of dissimilar materials.
- 5) Verify that all drain locations match fixture locations on floor plan.
- 6) Check main drain line for correct size (line must be 4" after the fourth water closet connection).
- 7) Verify that drainage piping does not enter or terminate in a required spread footing.
- 8) Verify that drain lines exit foundation at relative right angles to continuous footings, they are protected with approved sleeve or wrap, and that drain lines do not travel in continuous footings.
- 9) Ensure that no branch lines are encased in concrete.
- 10) Verify location cleanouts at end of branches, within 2' of foundation on main line, and after every 100' and/or 135 degree direction change.

***An Under-Slab Plumbing inspection is considered not ready if there is no pressure test provided for any component of the water supply or waste lines. In addition, if minimum erosion control BMP's, construction waste management, or compliance with SWPPP plan is not met, the inspection may be subject to cancellation.

Effective July 9, 2007

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