



Plumbing Sewer Yard Line Inspection Checklist Residential Inspections

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This checklist is provided as a reference tool, and it is not intended to be exhaustive of all possible requirements. Please refer to the latest adopted International Building Code (IBC), International Residential Code (IRC), International Energy Conservation Code (IECC), International Swimming Pool and Spa Code (ISPSA), Uniform Plumbing Code (UPC), Uniform Mechanical Code (UMC), National Electric Code (NEC), Local Amendments (LA), Austin Energy Design Criteria (AE Design), City of Austin Building Criteria Manual (BCM) and City of Austin Land Development Code (LDC) for code sections listed below. Items without a code reference are included for advisory purposes or based on departmental policy.

- International Codes <https://codes.iccsafe.org/public/collections/I-Codes>
- Uniform Codes <http://www.iapmo.org/>
- NEC <https://www.nfpa.org/>
- Local Amendments, AE Design, BCM, LDC <https://library.municode.com/TX/Austin>

Please verify the following before scheduling the inspection:

505 Sewer Yard Line

- Job address is posted in a visible location. *IRC R319.1*
- All fixtures installed on a floor level lower than the next upstream manhole cover feed through accessible backwater valve (unless fixture is above manhole). *UPC-LA 710.2*
- Required slope is no less than ¼ inch per foot or 2 percent; piping 4 inches or larger in diameter may be reduced to 1/8 inch per foot or 1 percent if approved by the authority having jurisdiction. *UPC 708.1*
- Only fixtures on floor levels below crown level of the sewer discharge through ejector. *UPC 710.2, 709.1*
- Backwater and gate/ball valves are present on pump discharge. *UPC 710.4*
- Pipe trenches parallel and deeper than footings offset a minimum 45 degrees from footing bearing line. *UPC 314.1*
- Two fixture units per gallon per minute of flow required for size of building drains and sewers. *UPC 710.5*
- A wye-type branch fitting is used to connect pump discharge lines to a horizontal gravity drainage line. *UPC 710.4*
- Pump(s) has(have) audio and visual alarms and is(are) readily accessible. *UPC 710.9*
- Sump tank top is provided with a vent sized for fixtures the sump is serving. *UPC 710.10, Table 703.2*
- Backwater valves are accessible for inspection and repair at all times. *UPC 710.1.1*
- If a single-rise, two-way cleanout tee is installed, it has a maximum 18-inch extension to grade on 4-inch piping. *UPC-LA 707.2.1*
- Approved bedding and backfill material is used. For underground installation, the entire length of piping in the ground is on a laid firm bed. Any other support provided is approved in accordance with section 301.2. *UPC 313.5*