WARNING
- Failure to complete items below prior to inspection may result in a re-inspection fee.

Application
- Trenchless installation of polyethylene (PE) pipe for use in sanitary and storm sewers. The installed pipe shall comply with the attached CPC installation standards, requirements of the UPC, and IAPMO IS 26-99 as to grade and connections to existing pipe. CPC 715.3
- See "Sewer Replacement" inspection guidelines for all CPA requirements.

PUBLIC WORKS PERMIT (Contact Public Works)
- A Public Works "Street Work Permit" is required if work is to be performed in the City right-of-way such as underground work including pipe bursting of sewer lateral, sidewalk replacement, driveway installation, saw cutting and repair of the City sidewalk.

Public Works Inspection
- Contractors responsibilities
- Remove any USA marks from the sidewalk.
- If the sidewalk has been damaged (i.e. a backhoe used to dig the trench), the contractor must obtain a street work permit at the development center to repair the sidewalk. The building permit should not be signed off until the street work permit has been obtained and the sidewalk repair work done.
- The contractor should not leave an open trench at the back-of-walk. If the contractor does not complete the sanitary sewer lateral during the day, he must cover the trench in the right-of-way.

Installation standards (IAPMO IS-26)
- See attached copy of "Installation Standards" for trenchless polyethylene (PE) pipe for sewer lateral. CPC 715.3

Schedule inspection
- Contractor shall schedule a sewer “Pipe Bursting” inspection.
- Inspector will contact contractor 30 minutes in advance of arrival to job to allow for camera equipment setup.
BUILDING DIVISION 1ST INSPECTION
- See illustration last page
- Materials: Piping material shall be clearly labeled with required information as noted in IAPMO IS 26-99.
- New 2013 CPA requirements: see Figure A-1. Shielded flexible non-shear coupling and locator ball are now required.
- Pot holes: Excavation at connections, house and street. Provide access for work and inspection.
- Connections shall be approved CALDER, MISSION, FERNCO or other approved transition couplings bearing UPC label.
- Cleanout: shall be approved type WYE, combo fittings or approved two way cleanouts such as head to head double combos. Easily obstructed fittings such as cast iron KELLY fittings are not allowed. abs plastic two way fittings are not allowed.
- Additional clean-outs are required at property lines, end of line, horizontal change of direction exceeding 135 degrees, and runs exceeding 100’ in length. CPC 707.0 and 719.0
- Two way cleanout required when no end of line cleanout exist.
- Fittings shall be approved directional drain and waste fittings having a smooth interior waterway of the same diameter as the piping served, as described in CPC section 701.2 Recommend cast iron fittings.
- Testing: Running water test.
- Camera: Contractor shall have camera set up and ready for use at time of CPA inspection. Inspector shall verify pipe slope and drainage. (If camera is submerged under water for extended periods this indicates a belly in the line and result will be “not passed”. contractor should run camera through line prior to CPA inspector arrival to verify proper slope and drainage. Camera shall be run to city sewer at street to verify condition of city lines beyond city property line clean-out. If any roots or broken lines are encountered in city lines beyond property line cleanout a video tape shall be provided to city inspector and forwarded to public works department for review.
- Contractor shall then provide a camera test, as noted.

BUILDING DIVISION FINAL INSPECTION
- Pot holes must be properly backfilled and compacted.
- Public works signed-off of property line clean out if work performed in city right-of-way. (call 496-6929)
- Approved clean out covers in place at house and street.

Inspector data entry
- Inspector shall include “Pipe Burst” in comments description, after inspector number.
- “Sewer Pipe Burst” shall be noted on permit under project description or “Trenchless PE sewer”
FIGURE A-1

- Christy clean out box
- City Clean Out
- Property line
- Clean out within 2' of building
- End of line clean out
- Two way cleanout only required when no end of line clean out exist

City's Responsibility after construction
Property Owner's Responsibility after construction

Property Line Clean out
PLACE LOCATOR BALL ON TOP OF MAIN OR ON RISER WITH DUCK TAPE

City Sewer Lateral
SHIELDED Flexible Non-Shear Coupling
Customer Sewer Lateral

PROHIBITED CLEAN OUT
Kelly fitting

APPROVED TWO WAY CLEAN OUT
Head to head double combo

Easily obstructed fittings such as kelly fittings are not allowed.