



STRUCTURES, WELLS & COLLARS

GENERAL NOTES: STRUCTURES

- A. All stormdrains, water lines and sewer lines that are taken out of service shall be abandoned by disconnecting the pipeline from the active system, plugging all openings, and removing all related surface features, such as: Blow-Offs, Air Release Valves, Valve Wells, Vaults, Boxes, Frames, Covers and Collars, Manholes & Cleanout Wells. All openings shall be capped with approved fittings, such as: Expandable plugs for sewerlines, Caps, Blind Flanges, Dresser Couplings with Plug, and Valves.
- B. All water services from abandoned mains shall be pinched-off, capped or plugged with approved fittings, or closed with the corp. stops. If the water services are being abandoned and the main is to remain live, services shall be shut off at the corp. stop and capped or plugged with a threaded brass fitting.
- C. Water valves that are determined by the Utilities Department to be redundant or otherwise unnecessary shall be removed.
- D. Valve well and cleanout risers shall be removed, backfilled with sand, and compacted to 95%. The tops of all manholes and other structures to be abandoned shall be removed by sawcutting using square cuts, in accordance with Engineering Standard #4910. The structure shall be removed to a depth of 16" below street grade, and filled with slurry containing 122 lbs. of cement per 1 ft³ to the top of the remaining structure. Pavement replacement shall be per Trench Detail #2 (Engineering Standard #6025).
- E. All sewer laterals from the abandoned sewer main shall be capped, or plugged with approved fittings. If the sewer laterals are being abandoned and the main is to remain live, the laterals shall be excavated at the main by the Contractor and the actual abandonment will be performed by the City. A 48-hour notice shall be given to the City to schedule these abandonments.

| REVISIONS | BY | APP | DATE |
|-------------------------|-----|--------------|-------|
| New border | BL | WAP | 9-97 |
| Add note "C" | JDL | WAP | 7-01 |
| Revised note "C" | MH | BL | 10-09 |
| STANDARD CURRENT AS OF: | | January 2010 | |



**UTILITY PIPELINE
ABANDONMENT**