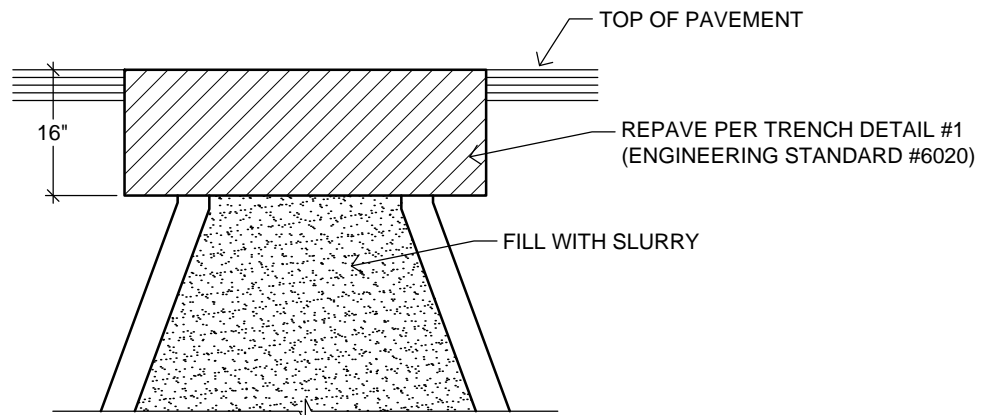


**STRUCTURES, WELLS & COLLARS**



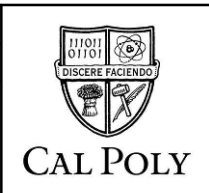
**STRUCTURES**

**GENERAL NOTES:**

- A. All storm drains, waterlines and sewerlines 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, and 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 backfill to the top of the remaining structure see section 77-1.02B of the Standard Specifications. Pavement replacement shall be per Trench Detail #1 (Engineering Standard 6020).
- 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 University. A 48-hour notice shall be given to the University to schedule these abandonments.

SCALE: N.T.S.

|                         |            |
|-------------------------|------------|
| STANDARD CURRENT AS OF: | 01/17/2020 |
| APPROVED BY:            | XX         |
| NOTES:                  |            |



**UTILITY PIPELINE  
ABANDONMENT**