

SECTION 14

ADJUSTMENT OF EXISTING MANHOLES, MONUMENTS, VALVE BOXES, AND ELECTRICAL VAULTS

14-1 GENERAL

- A. All existing manhole frames, valve boxes, and monument boxes, as well as those to be installed as an item of Work under the Contract, shall be set to finished grade of the new Work after surfacing operations unless directed otherwise in the Project Specifications or by the Engineer.
- B. New Electrical Vault shall be installed per Utility Electrical Standard Specifications. All existing electrical vault shall set to finished grade of the new Work after surfacing operations as follow:

<u>DIRECTION OF TRAVEL</u>	<u>GROOVES</u>	<u>STEPS</u>
Parallel to travel	No more than 12 mm (0.47") wide	No more than 10 mm (0.39") high
Perpendicular to travel	-----	No more than 20 mm (0.78") high

The Contractor shall contact Electrical Utility Inspector at 650-566-4500 to schedule the Electrical Vault adjustment five (5) working days prior to the work.

- C. Measures must be taken to not disturb monuments, the City Surveyor must be notified if a monument is disturbed.
- D. When resetting manholes or trash capturing device openings, a device such as the "Debris Catcher" from Grappler Specialty Products or approved equal shall be installed to recover any fallen materials to prevent debris from entering the sewer or storm drain system.

14-2 PRODUCTS

- A. All raised or adjusted utilities shall receive a gasket type seal, such as "Rap-o-Rope" braided rubberized gasket or equivalent to be approved by the Engineer. Gaskets may be available from the following suppliers: Pollard Water (1-800-437-1146), Parsons Environmental (1-800-356-9023), and C.A. Turner Company (1-800-228-4032). This list is not exhaustive.

14-3 EXECUTION

- A. Frames and boxes shall be set in Class 2, 3500 psi, concrete. The concrete shall be held two (2) inches low in areas to be paved with three-eighths (3/8) inch max medium asphalt concrete.

END OF SECTION