

Tiburon Hawthorne Project – Technical Specifications Excerpt

10-1.26 INDIVIDUAL SERVICE TRENCH AND PANEL CONVERSION WITH RETURN TO CONVERT (Private Property)

Each “Individual Service Trench” shall extend from connection at the stub outs or boxes provided for service in the public right-of-way to the service termination point for each residence. The individual service trenches are the responsibility of the property owners to complete. However, to facilitate completion of the undergrounding project, the Contractor shall determine a cost to complete each Individual Service Trench.

Each property owner shall have the right to accept such offer with respect to his or her property at any time prior to commencement of the work on the public project in the Town’s right-of-way. In the event that it becomes necessary for the Town to complete any or all of the Individual Service Trenches the work will be performed at the agreed cost for that property.

The service trench shall be a minimum of 12” wide x 39” deep, and a length as determined by property needs. The individual service trench shall include the following as required, shown on the plans in Appendix 1: one (1) 3” electric conduit (with a 3” to 2” reducer) for services up to 125 amps or one (1) 3” electric conduit for services from 126 to 225 amps, one (1) 2” telephone conduit and one (1) 1” CATV conduit. The electric installation shall also have a termination point, or meter adaptor, or new meter panel. For properties that are lower in elevation than the mainline joint trench, a PG&E #2 box shall be installed for drainage at the building.

The Contractor shall determine a separate cost (to be included in the Panel Conversion & Return to Convert item) to provide the termination point, meter adaptor; or new meter panel and return to the site to “cut over” (convert) the electric service to underground.

The trench route shall be constructed as shown on the individual plans (see Appendix 1), unless otherwise approved by the property owner and adjusted as required to avoid landscaping and trees wherever possible.

Contractor has the option to trench by directional drilling or jacking under concrete and masonry retaining walls, paved driveways and walks and other “hard” surfaces or by open cut trenching as approved by the property owner and inspector. Open cut trenching within landscaped areas shall be by hand unless otherwise allowed by the property owner and inspector. Any removed or damaged “hard” surfaces, landscaping, irrigation or other features shall be replaced to match pre-existing conditions as close as is practical.

The Contractor shall be responsible for field verification of all trench routes, length and termination requirements, with the property owner and inspector.

The new or existing conduits shall be proved by mandrel per the utilities requirements. The contractor shall install a pull tape in existing conduits.

Bends in excess of 90-degrees shall require special approval of PG&E.