CITY OF REDWOOD CITY
ENGINEERING AND TRANSPORTATION
UTILITY TRENCH
PENETRATING CLAY CAP

1/4 pipe O.D.
4" Min.

Additional Depth As Required For Removal Of Unsuitable Material

2" Min. Sand Below Styrofoam

3" Min. Thick Styrofoam Blocking

Geotextile Mirafi 600x Or Equal

Reinforced Hypalon (50 Mil Min.)

Clay Cover - Clayey Material Shall Meet The USCS Classification CL Or SC Approved By The Geotechnical Engineer

Existing Clay Cap

Refuse

Select Backfill Material 90% Compaction, Except Top 6" At 95% In Paved Areas (Subsequent Backfill)

Caltrans Class I, Type A Permeable Material 95% Compaction (Initial Backfill With Min. Cover of 6" Over Pipe)

NOT TO SCALE

DRAIN

DATE: 06/23/14

STANDARD DETAIL

LF - 1
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