

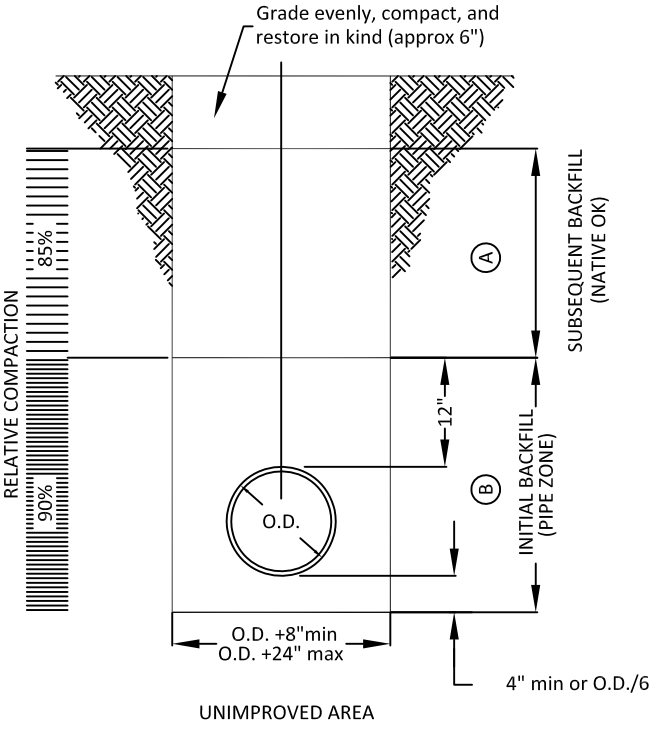
- (A) SUBSEQUENT BACKFILL ALTERNATIVES**
1. Clean natural sand per Caltrans Std Specs Sec 19-3.025B
 2. Class 2 aggregate base per Caltrans Std Specs Sec 26-1.02
 3. Graded granular material per City Std Specs Sec 17-4F
 4. Clean quarry fines
 5. Controlled Density Fill (CDF) per City Std Specs Sec 17-4E4b as approved by PWE
- (B) INITIAL BACKFILL ALTERNATIVES**
1. Clean natural sand per Caltrans Std Specs Sec 19-3.025B (required for gas and water pipes)
 2. Class 1, Type A & B, permeable per Caltrans Std Specs Sec 68-1.025
 3. Graded granular material per City Std Specs Sec 17-4E4
 4. Controlled Density Fill (CDF) per City Std Specs Sec 17-4E4b as approved by PWE
 5. For W-G-W trench, refer to Utility Standards.

GENERAL NOTES

1. PCC shall contain a minimum of 6 sacks concrete with a desired 28-day strength of 3,500 PSI
2. Extend T-cut to lip gutter per City Std Specs Sec 17-4G
3. Refer to City Std Dwg 403 for trench limits of restoration
4. Match existing AC thickness on PCC overlays

JETTING NOTES

1. IMPROVED AREAS
 - a. INITIAL BACKFILL - jetting of sand OK
 - b. SUBSEQUENT BACKFILL - jetting of sand subject to approval of City Engineer, except for top 2 ft, which must be mechanically compacted
2. UNIMPROVED AREAS: jetting of sand OK
3. WHEN JETTING IS PERMITTED:
 - a. Excess water shall be collected at low points and removed by pumping
 - b. Sand to be jetted shall be placed in lifts no thicker than 4 ft
 - c. Jetting shall be performed at intervals along the trench not to exceed 6 ft



UNIMPROVED AREA

Rev	By	Date
1	MN	03/10/05
2	JT	08/18/06
3	HQN	10/04/06
4	RTN	06/08/17

Scale: NTS

Trenches

Typical Cross-Sections

City of Palo Alto Standard

Approved by:

PE No. 72158

Date 01/10/18

Dwg No. 401