

NOTES:

- THE CONTRACTOR SHALL USE AN APPROVED ROOT CUTTING MACHINE TO MAKE STRAIGHT CUTS.
- ROOT BARRIERS SHALL BE EQUIVALENT TO THE TYPE "UB-24" AND "RB-12", WITH TOP EDGE FLANGE AND ROOT TRAP CHANNEL AS MANUFACTURED BY <u>DEEP ROOT</u> PARTNERS, LP OR APPROVED EQUAL.
- 3. THE ENDS OF THE ROOT BARRIER PANELS SHALL BE JOINED TOGETHER WITH SELF LOCKING JOINER STRIPS OF EQUIVALENT MATERIAL. THE LOCKING STRIPS SHALL BE EQUIVALENT TO THAT MANUFACTURED BY DEEP ROOT PARTNERS, LP OR APPROVED EQUAL.
- 4. ROOT BARRIERS INSTALLED ON EITHER THE CURB SIDE OR SIDEWALK SIDE SHALL BE CONTINUOUS 3.65 m IN LENGTH, CENTERED ON THE TREE UNLESS OTHERWISE DIRECTED BY THE ENGINEER. WHERE TREES REQUIRING ROOT BARRIERS ARE 5.5 m APART OR LESS, THE BARRIER SHALL BE INSTALLED CONTINUOUSLY BETWEEN SAID TREES.
- 5. PLACE TOP OF BARRIER 13 mm ABOVE FINISHED GRADE AND 100 mm AWAY FROM BACK OF CURB OR FRONT EDGE OF SIDEWALK.
- 6. THE RAISED ROOT TRAP CHANNEL SHALL BE PLACED FACING THE TREE.
- 7. THE ROOT PRUNING TRENCH SHALL BE BACKFILLED TO THE TOP OF THE BARRIER WITH #4 (6.35 mm) GRAVEL.
- 8. THE ENGINEER SHALL INSPECT THE TREE FOR STABILITY PRIOR TO BACKFILL OF THE ROOT PRUNING TRENCH.
- 9. FOR INSTALLATION OF BARRIER AT A DRIVE APRON, INSTALL PER TYPICAL SIDEWALK INSTALLATION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

CITY OF PASADENA - PUBLIC WORKS & TRANSPORTATION DEPARTMENT DRAWN BY: YANNIE WU CHECKED BY: PLASTIC ROOT BARRIER INSTALLATION REVISIÓN: UNITS: NONE METRIC STANDARD PLAN:

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APPROVED BY:

ALAN CHARMATZ

SUBMITTED BY:

CITY ENGINEER RCE NO. 13716 EXPIRES MARCH 31, 1997

4/25/96 DATE S-636

SHEET 1 OF 1 \$636-1-0.DVG 04/02/96