



NOTES:

1. Root pruning cut shall be 3600 mm (12') long. Install 3600 mm (12') long root barrier and backfill with imported clean earth fill or clean earth from excavation. Root pruning cut and barrier shall be centered on existing tree or at additional locations where directed by the Engineer.
2. Root pruning shall be accomplished by a root cutting method that is not detrimental to the tree. The method used shall be approved by the Engineer.
3. When required, trees shall be pruned to balance root pruning and root removal. Tree pruning shall be done prior to root pruning and root removal. (See project plans and/or specifications)
4. Remove all roots within the limits shown at existing tree locations where root pruning is indicated, or where directed by the Engineer. The excavated area shall be filled with CMB (3600 mm (12') long, per Note 1).
5. Root barrier shall be fabricated from a high density and high impact plastic such as polyvinyl chloride, ABS or polyethylene and shall have a minimum thickness of 1.5 mm (0.06"). The plastic shall have 15-20 mm (1/2"-3/4") high raised vertical ribs on the inner surface spaced not more than 150 to 200 mm (6" - 8") apart.
6. Root barrier shall be installed with the raised ribs placed toward the tree.
7. Protect existing sprinkler systems, electrical conduit, water meters, and service laterals, and all other underground utilities adjacent to curb & gutter or curb replacement, and root pruning.
8. Resod to match existing lawns in excavated areas.
9. 300 and 600 mm (12" and 24") root barrier shall not be constructed at same tree location unless shown on the project plans. See project plans for locations.

Dimensions are in millimeters, except as noted.

REVISIONS		CITY OF LONG BEACH, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	STANDARD PLAN NO.
NO.	DATE		METRIC 117
1	04/02/96	CURB, GUTTER AND SIDEWALK REPLACEMENT OR CONSTRUCTION WITH ROOT BARRIER AT EXISTING TREE LOCATIONS	SHEET
2	06/15/98		1 OF 1
3	12/23/02		APPROVED BY: <i>[Signature]</i>
4			DATE: 4/16/03 EX. DATE: 03/31/07
		CITY ENGINEER R. No. 40599	