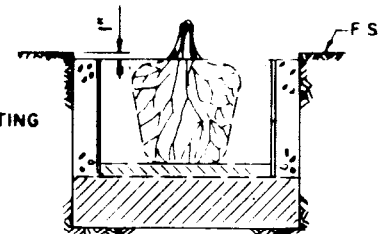


NOTE:
 ▽ GRADED SURFACE WHEN TREE WELL COVER OR GRATING IS NOT USED SHALL BE AS SHOWN AT RIGHT.



BUREAU OF ENGINEERING

DEPARTMENT OF PUBLIC WORKS

CITY OF LOS ANGELES

▽ **TREE WELL, ROOT BARRIER AND PLANTING**

**STANDARD PLAN
S-456-1**

SUBMITTED *May 18, 1990*
 ENGINEER OF DESIGN
 DEPUTY ENGINEER



APPROVED *May 22, 1990*
 CITY ENGINEER

DESIGNED BY: RGC
 DRAWN BY: RGM
 CHECKED BY: GF

REVISIONS	
NO.	DESCRIPTIONS
1	REVISED TITLE AND NOTES.

SUPERSEDES	REFERENCES
B-4034	S-450 S-455 S-663

VAULT INDEX NUMBER B-4115
 SHEET 1 OF 2 SHEETS

NOTES

1. SEE PROJECT PLANS FOR TYPE OF TREE WELL COVER OR TREE GUARD AND GRATING, IF REQUIRED.
2. ROOT BARRIER SHALL BE FABRICATED FROM A HIGH DENSITY AND HIGH IMPACT PLASTIC SUCH AS POLYVINYL CHLORIDE, ABS OR POLYETHYLENE AND HAVE A MINIMUM THICKNESS OF 0.06 INCH. THE PLASTIC SHALL HAVE 1/2-INCH HIGH RAISED VERTICAL RIBS ON THE INNER SURFACE SPACED NOT MORE THAN 8 INCHES APART.
3. PLANTING SHALL CONFORM TO SUBSECTION 308-4 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT:
 - A. THE LOWER 10 INCHES OF THE EXCAVATION SHALL BE BACKFILLED WITH PREPARED SOIL MIX AND JETTED PRIOR TO PLACING THE ROOT BARRIER AND THE NO.3 CONCRETE AGGREGATE (SUBSECTION 200-1.4, STANDARD SPECIFICATIONS).
 - B. PREPARED SOIL MIX SHALL BE PLACED IN THE PLANTING HOLE AND TAMPED TO BOTTOM OF ROOT BALL ELEVATION PRIOR TO PROCEEDING WITH TREE PLANTING.
4. AFTER PLANTING, EACH TREE SHALL BE WATERED IMMEDIATELY WITH A MINIMUM OF 20 GALLONS OF WATER. REPEAT THE WATERING TWICE IN THE NEXT 3 DAYS NOT SOONER THAN AT 24-HOUR INTERVALS.
5. AFTER THE TREE HAS BEEN WATERED FOR 3 DAYS, ALLOW THE SOIL TO DRY SUFFICIENTLY, THEN TAMP AND GRADE THE SOIL. PLACE AND GRADE THE LAYER OF CONCRETE AGGREGATE IN ORDER TO SET THE TREE WELL COVER OR GRATING FIRMLY AND FLUSH WITH THE TOP SURFACE OF THE SIDEWALK OR CURB.