

15' MIN. LENGTH ROOT BARRIER
7.5' O.C. EACH SIDE OF TREE

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SIDEWALK

NATIVE SOIL

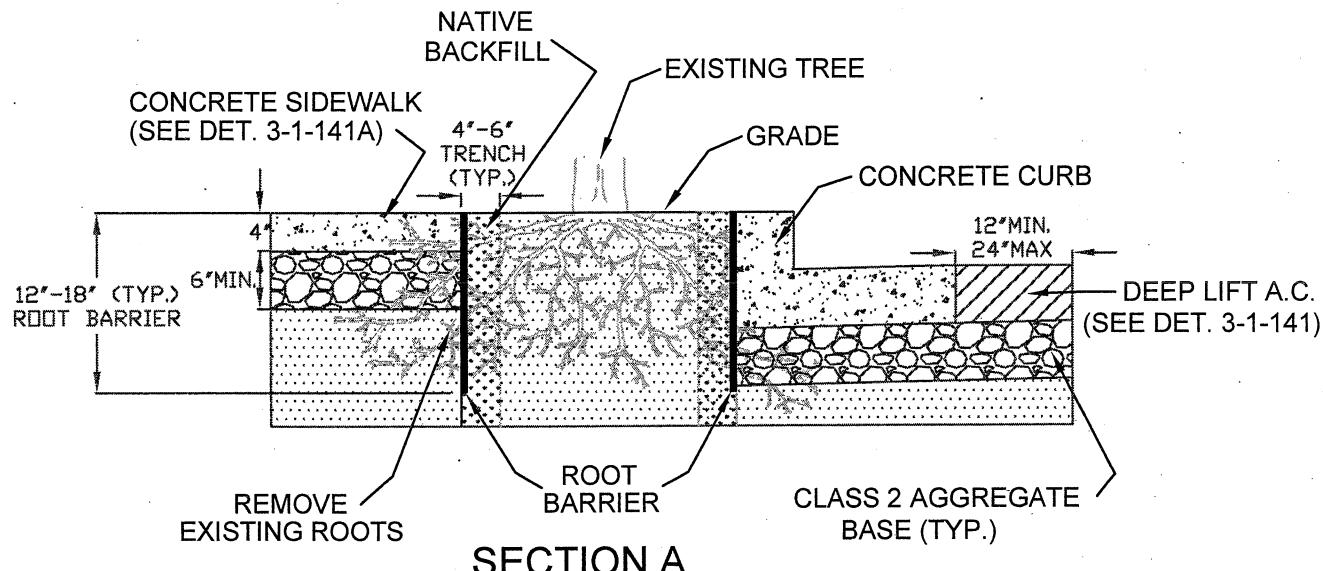
ROOT BARRIER

SECTION A

EXISTING TREE

CONCRETE CURB

PLAN VIEW



NOTES:

1. ROOT BARRIER SHALL BE BLACK, INJECTION MOLDED PANELS OR LINEAR ROLL WITH 90° DEFLECTING RIBS.
2. ROOT BARRIER SHALL BE MANUFACTURED WITH 50% POST CONSUMER POLYPROPYLENE PLASTIC WITH ADDED ULTRAVIOLET INHIBITORS; RECYCLABLE.
3. INSTALL MINIMUM 12" TO MAXIMUM 18" HIGH ROOT BARRIER.
4. ROOT BARRIER SHALL HAVE A MINIMUM WALL THICKNESS OF 0.06" (60 mil) & RIB THICKNESS OF 0.08" (80 mil).
5. THE VERTICAL ROOT DEFLECTING RIBS SHALL BE FACING INWARDS TO THE ROOT BALL.
6. ROOT BARRIER SHALL BE 15' LONG; 7.5' O.C. FROM TREE UNLESS APPROVED OTHERWISE BY ENGINEER.
7. ROOT BARRIER TRENCH SHALL BE 4" WIDE TO 6" WIDE.
8. ROOT BARRIER SHALL BE INSTALLED VERTICAL IN TRENCH ADJACENT TO SIDEWALK AND CURB AT GRADE.
9. THE CITY ARBORIST SHALL BE NOTIFIED BEFORE EXTENSIVE CUTTING OF ROOTS.



ENGINEERING DEPARTMENT

CALIFORNIA 94403

TREE ROOT BARRIER INSTALLATION

DATE
7/02

DRAWN BY
MQ

CHECKED BY
Dan Paul

APPROVED

Mark Stevens
CITY ENGINEER

CASE
3

DRAWER
1

SET
933