

H. Appendix H – Tree Planting Guidelines

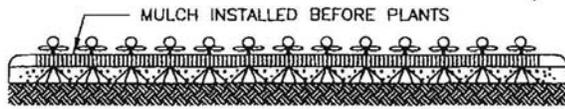


Figure 1. Tree pit with railing.



Figure 2. Tree pit with railing.

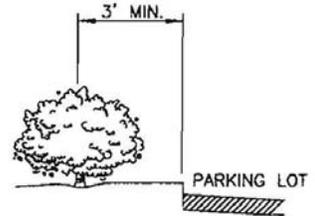
H.1



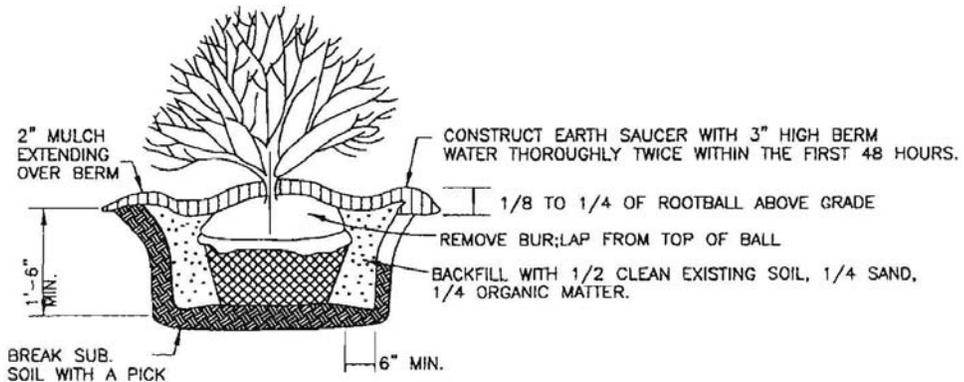
SUBSOIL TO BE BROKEN WITH A PICK AXE

6" DEEP PLANTING BED CONTAINING 1/2 CLEAN EXISTING SOIL, 1/4 SAND AND, 1/4 ORGANIC MATTER.

GROUND COVER PLANTING DETAIL



TYPICAL HEDGE PLANTING AROUND PARKING LOTS



2" MULCH EXTENDING OVER BERM

CONSTRUCT EARTH SAUCER WITH 3" HIGH BERM WATER THOROUGHLY TWICE WITHIN THE FIRST 48 HOURS.

1/8 TO 1/4 OF ROOTBALL ABOVE GRADE

REMOVE BUR:LAP FROM TOP OF BALL

BACKFILL WITH 1/2 CLEAN EXISTING SOIL, 1/4 SAND, 1/4 ORGANIC MATTER.

BREAK SUB. SOIL WITH A PICK

6" MIN.

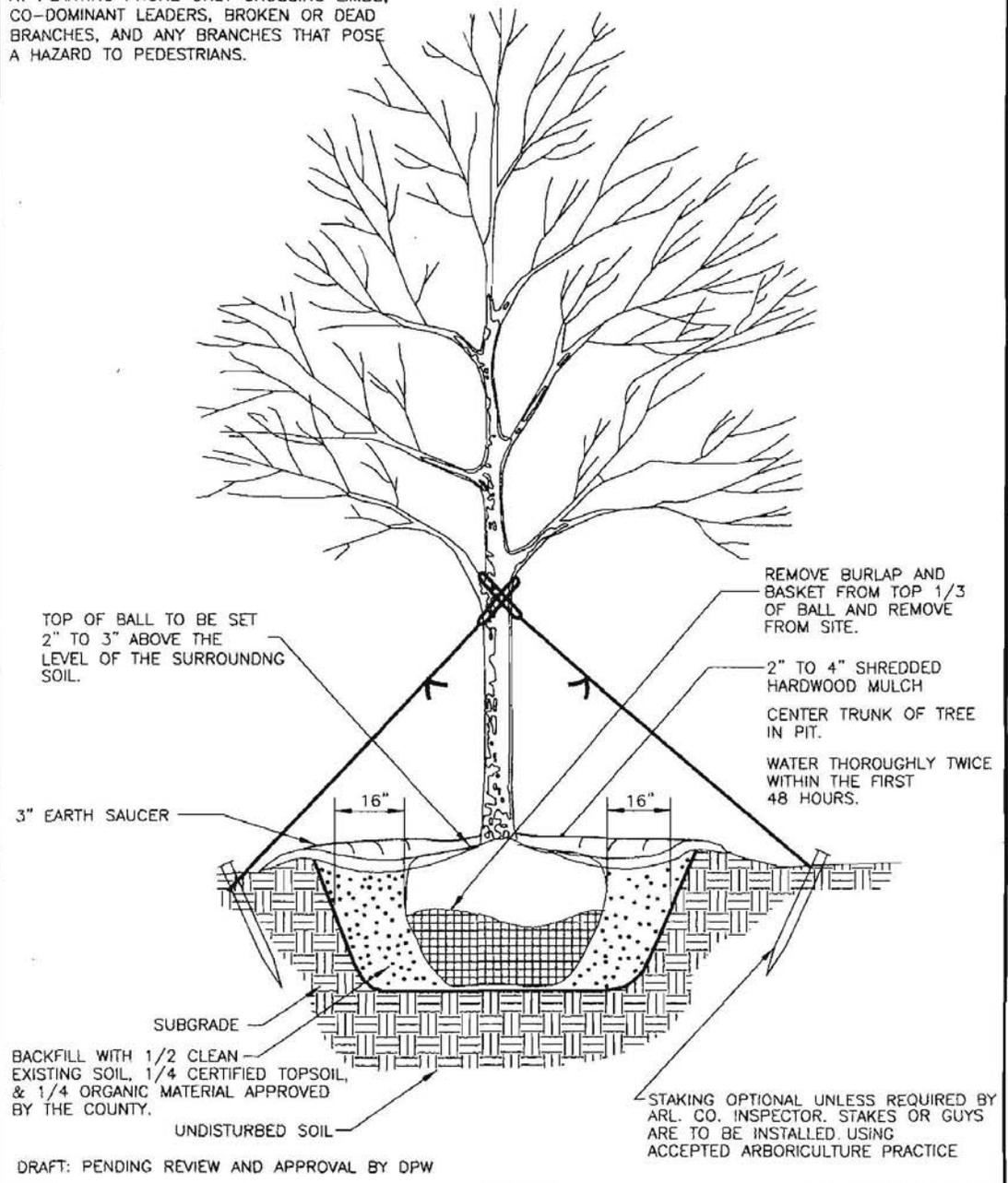
1'-6" MIN.

SHRUB PLANTING DETAIL

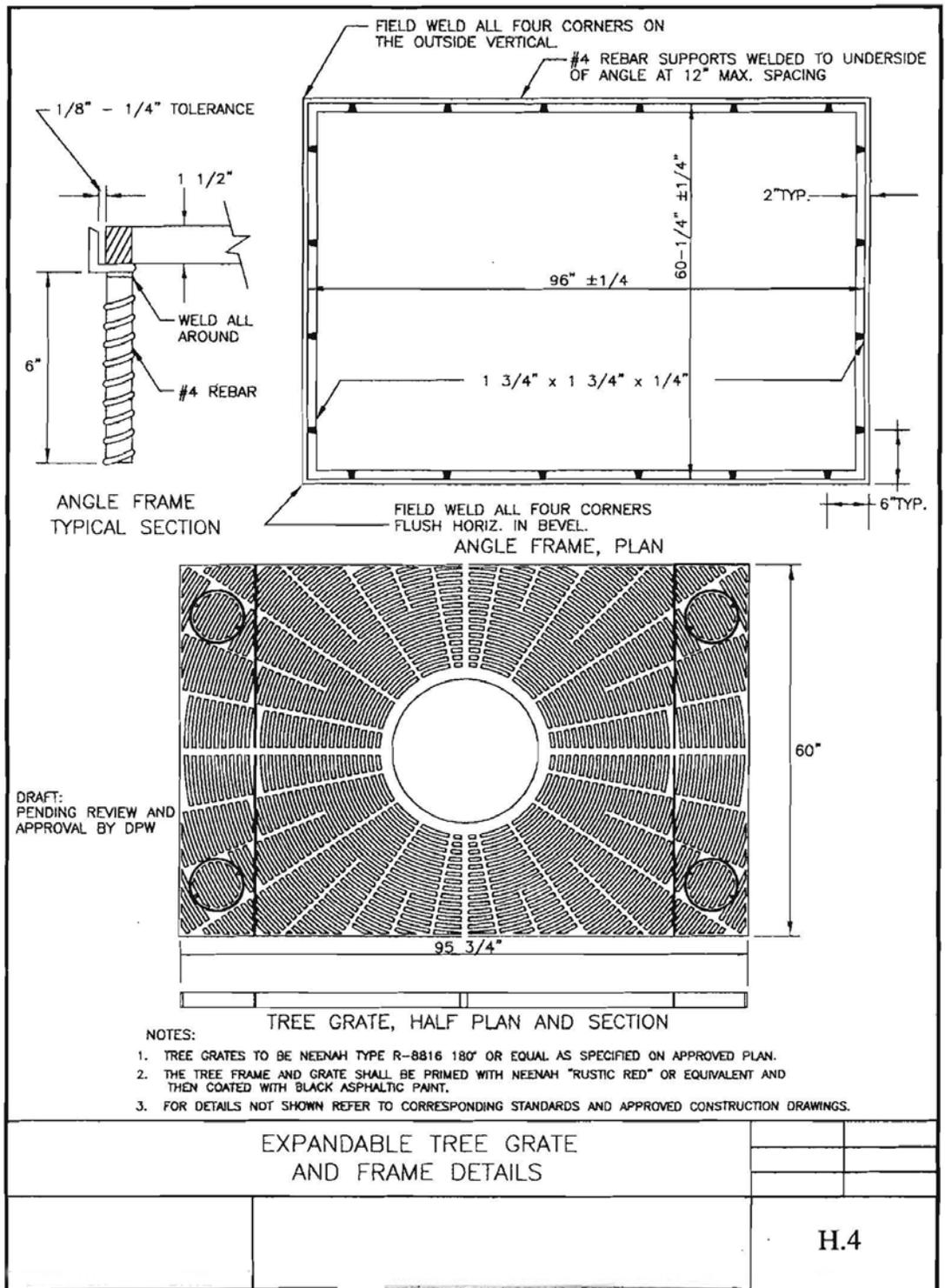
DRAFT

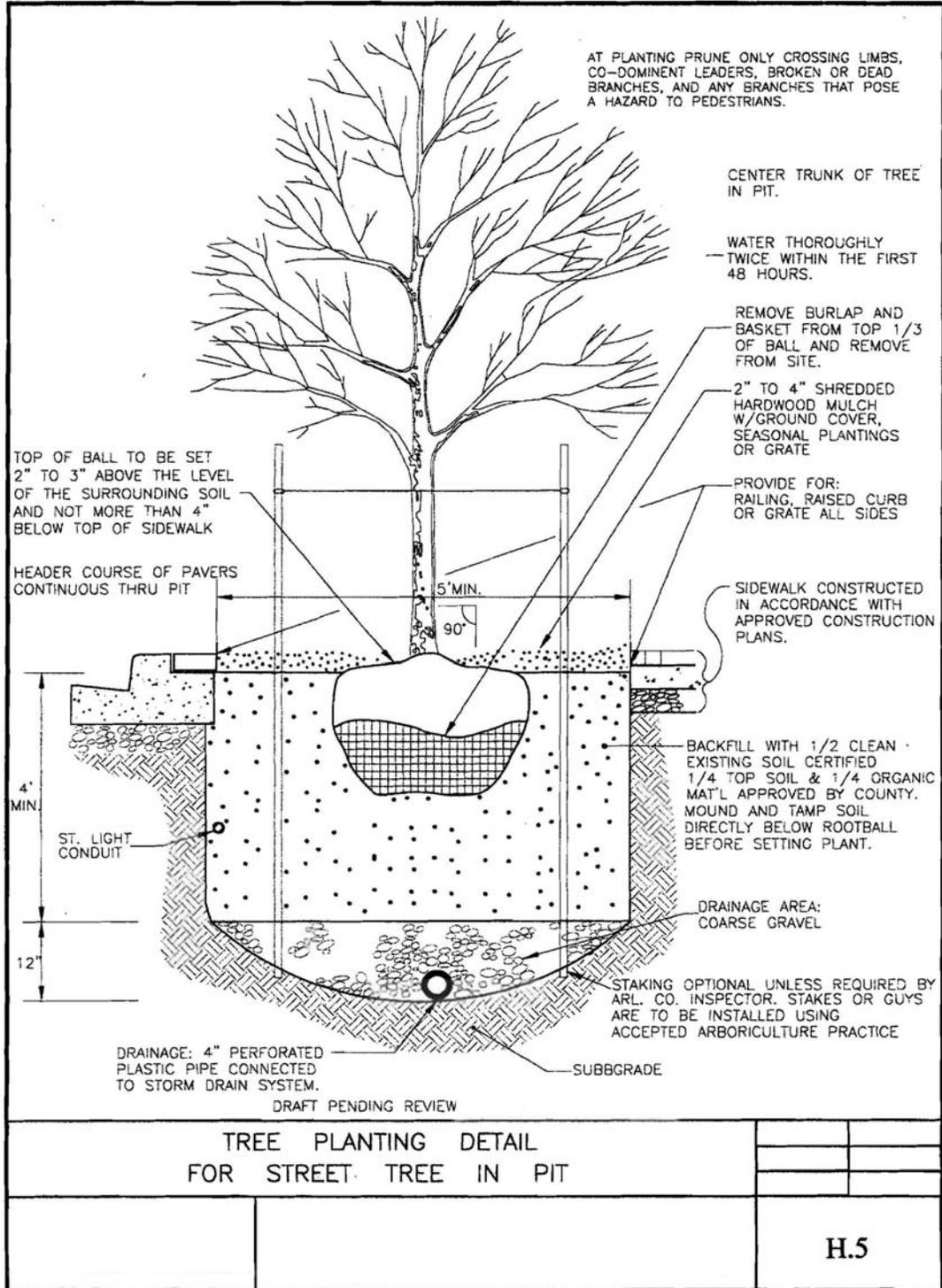
SHRUB AND GROUND COVER PLANTING DETAIL		
		H.2

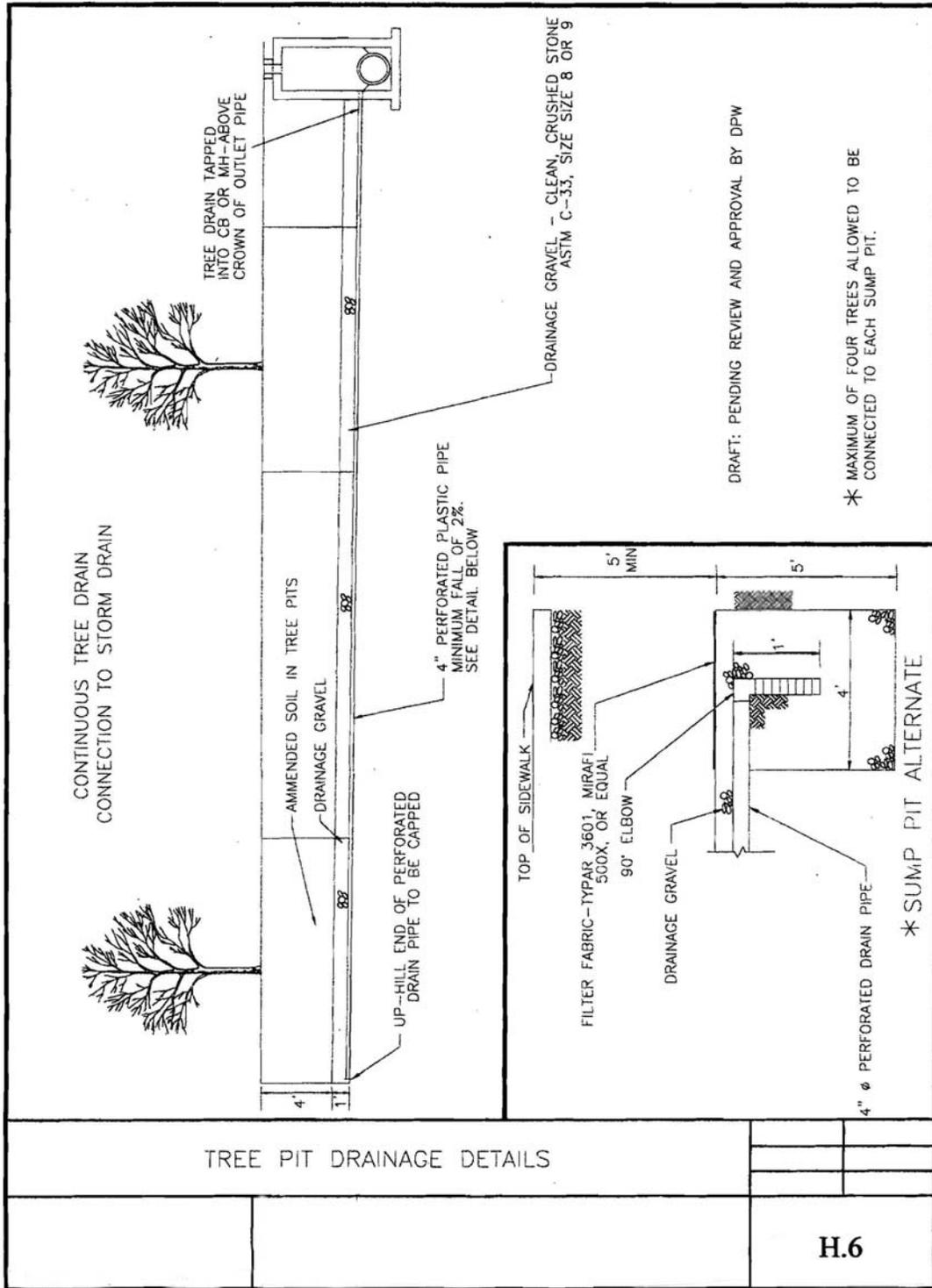
AT PLANTING PRUNE ONLY CROSSING LIMBS, CO-DOMINANT LEADERS, BROKEN OR DEAD BRANCHES, AND ANY BRANCHES THAT POSE A HAZARD TO PEDESTRIANS.



<p>PLANTING TREES IN OPEN AREA OR GRASS STRIP</p>		
		<p>H.3</p>







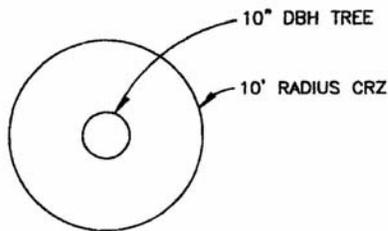
DETERMINING THE CRITICAL ROOT ZONE

THE CRITICAL ROOT ZONE OF A TREE IS THE ZONE IN WHICH THE MAJORITY OF A TREE'S ROOTS LAY. NINETY-FIVE PERCENT OF THE ROOTS OF MOST TREES WILL BE FOUND IN THE UPPER 30-36" OF THE SOIL. OF THOSE, THE MAJORITY OF THE ROOTS THAT SUPPLY THE NUTRIENTS AND WATER TO THE TREE ARE FOUND IN THE UPPERMOST LAYER, JUST BELOW THE SOIL SURFACE. THE TOTAL AMOUNT OF A TREE'S ROOTS ARE GENERALLY PROPORTIONAL TO THE VOLUME OF THE TREE'S CANOPY. THEREFORE, IF THE ROOTS ONLY PENETRATE A THIN LAYER OF SOIL, THEN THE ROOTS MUST SPREAD FAR FROM THE TREE, BEYOND THE LIMITS OF THE CANOPY. ROOTS ARE VITAL TO THE FUNCTIONING OF ANY TREE. THEY PROVIDE STRUCTURAL SUPPORT AS WELL AS THE MAJOR MECHANISM FOR NUTRIENT AND WATER UPTAKE FOR USE BY THE REST OF THE TREE. DESTROYING A SECTION OF A TREE'S ROOTS WILL ULTIMATELY RESULT IN A PROPORTIONAL LOSS OF THE TREE'S CANOPY. THE CRITICAL ROOT ZONE OF A TREE TO BE SAVED SHALL BE THE MINIMUM AREA PROTECTED WITH TREE PROTECTION FENCING.

DRAFT:

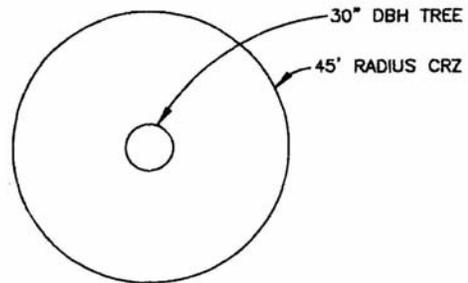
TREES GREATER THAN 8" DBH (DBH=DIAMETER BREAST HEIGHT):

1" DBH OF THE TREE = 1' RADIUS OF THE
CRITICAL ROOT ZONE (CRZ)



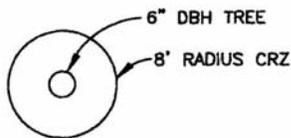
SPECIMEN TREES

1" DBH = 1.5' RADIUS OF THE
CRITICAL ROOT ZONE.



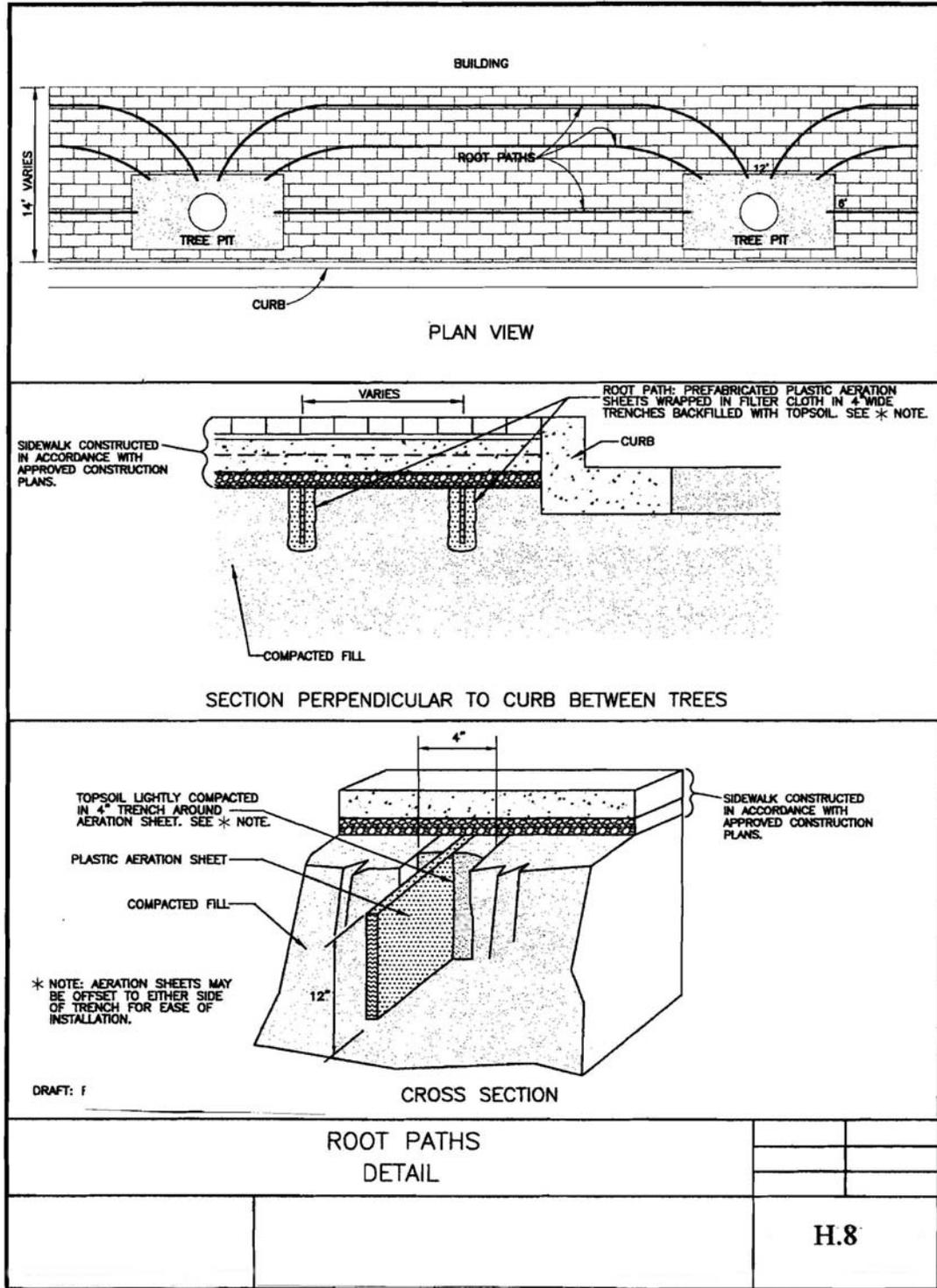
TREES 8" DBH AND SMALLER:

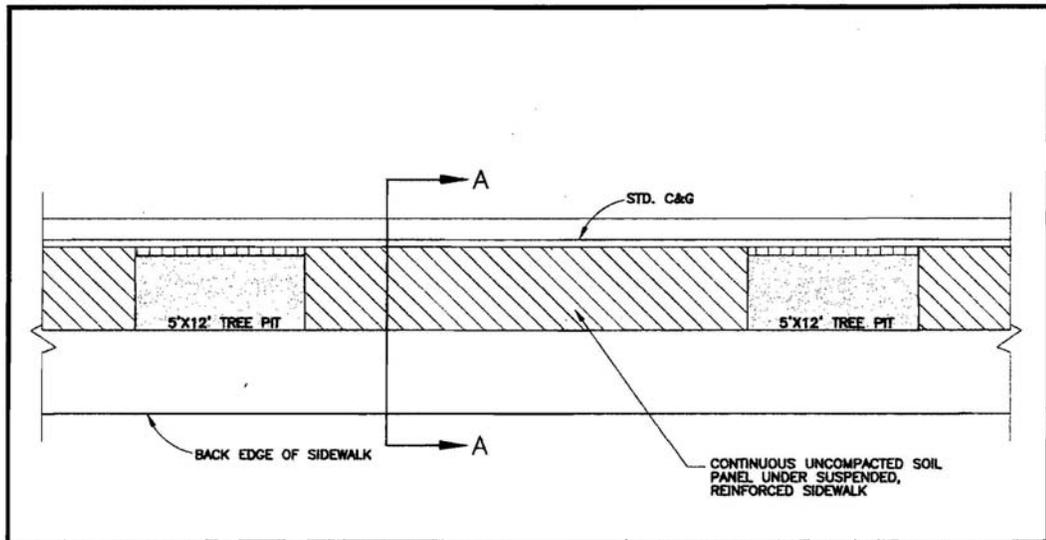
8 FT. RADIUS CIRCLE AROUND THE TRUNK
OF THE TREE.



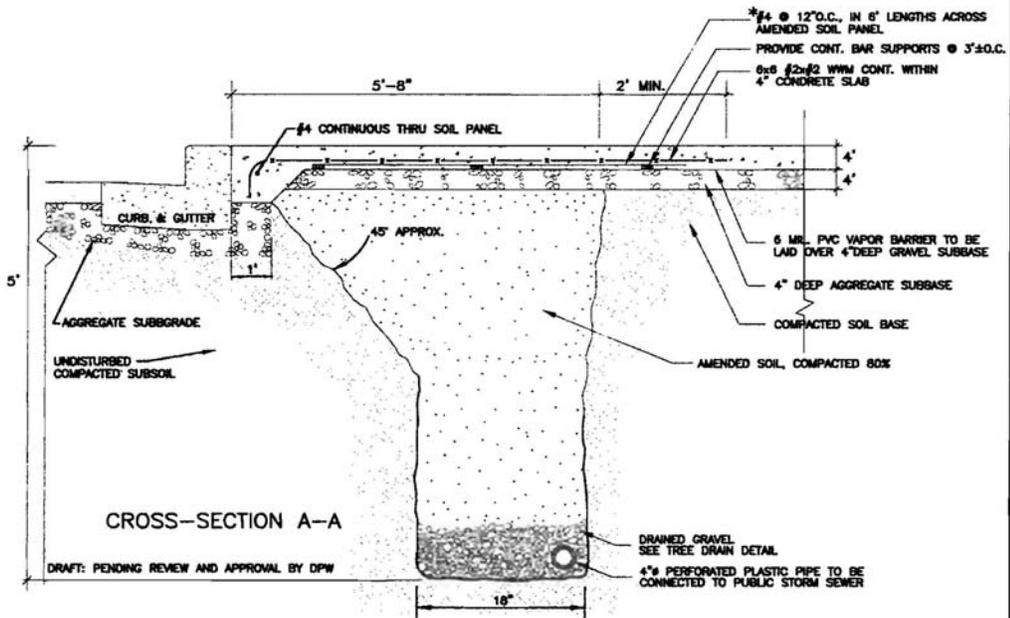
TREE PROTECTION DETAIL
FOR DETERMINATION OF CRITICAL ROOT ZONE

H.7



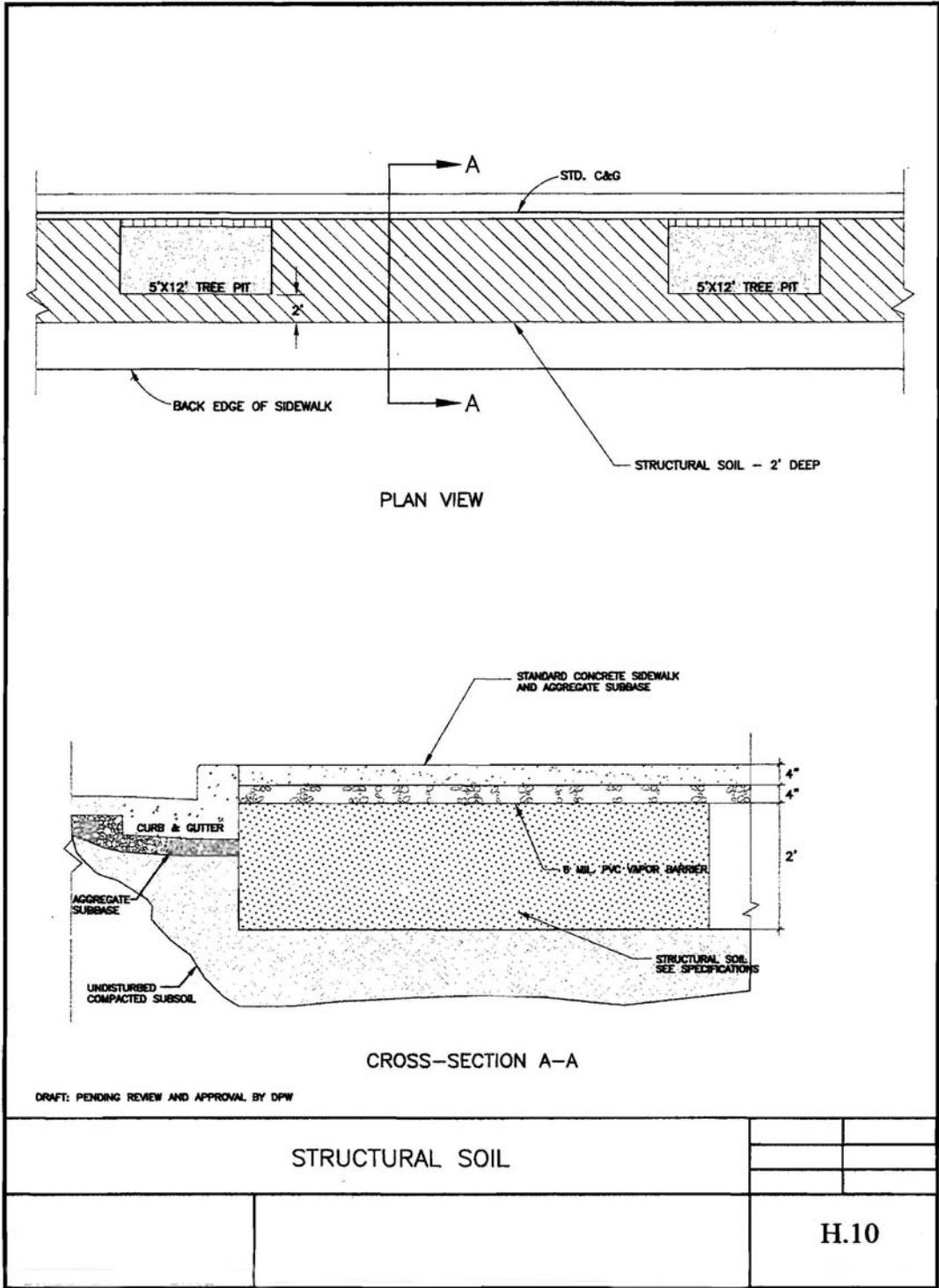


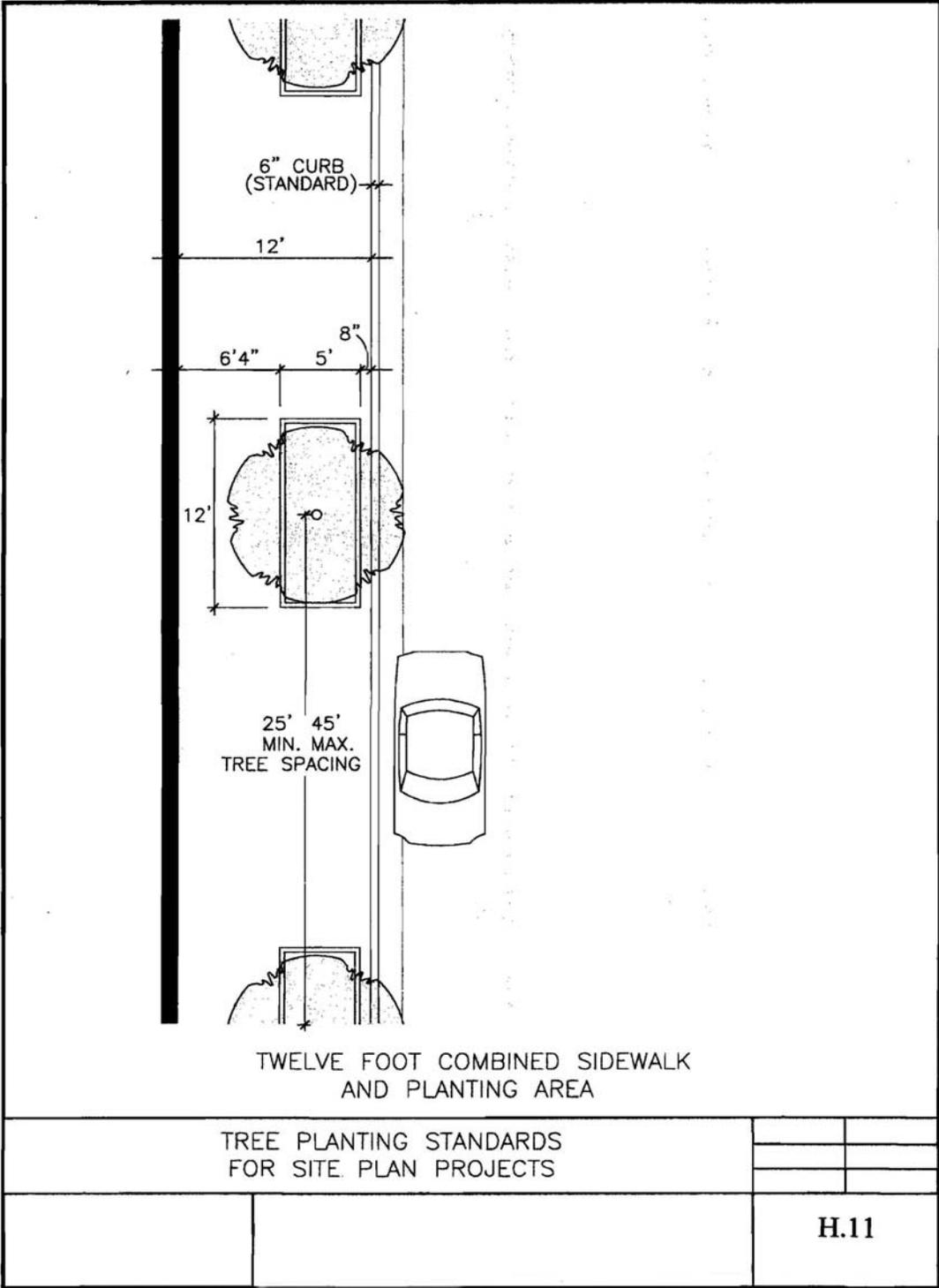
*SIDEWALK SLAB SHALL BE AMENDED AS REQUIRED AND SHOWN ON APPROVED PLANS.

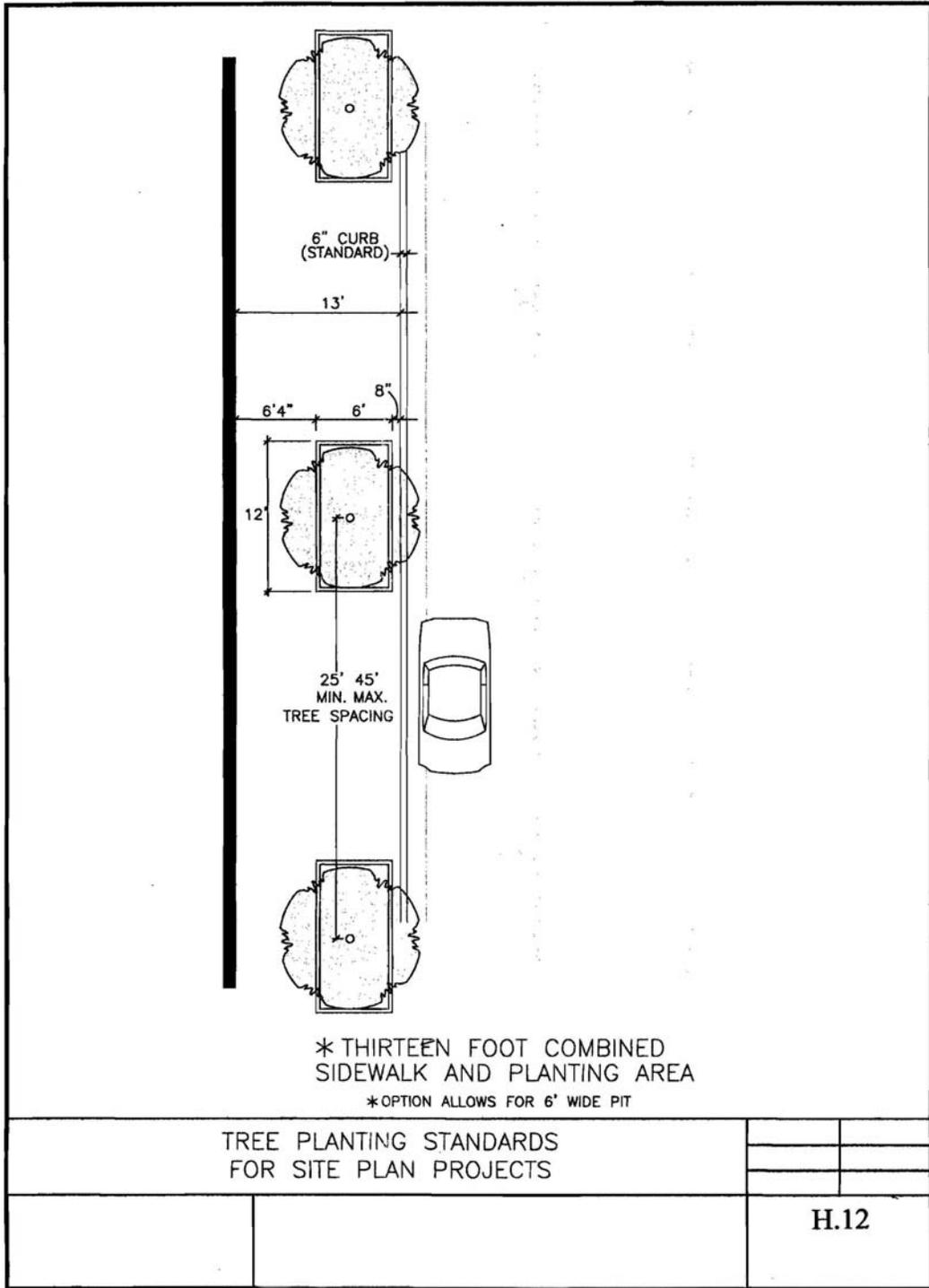


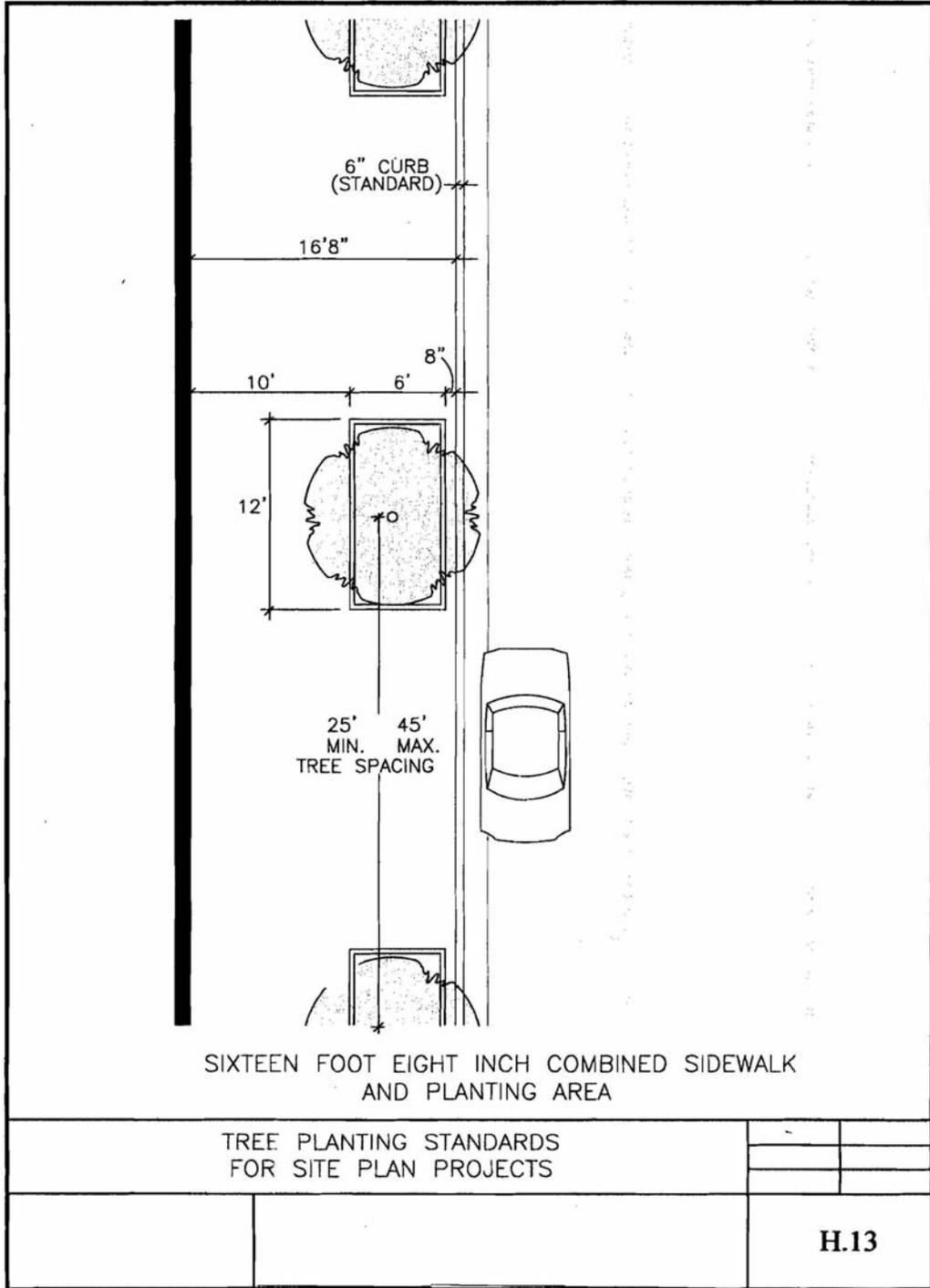
CONTINUOUS SOIL PANEL

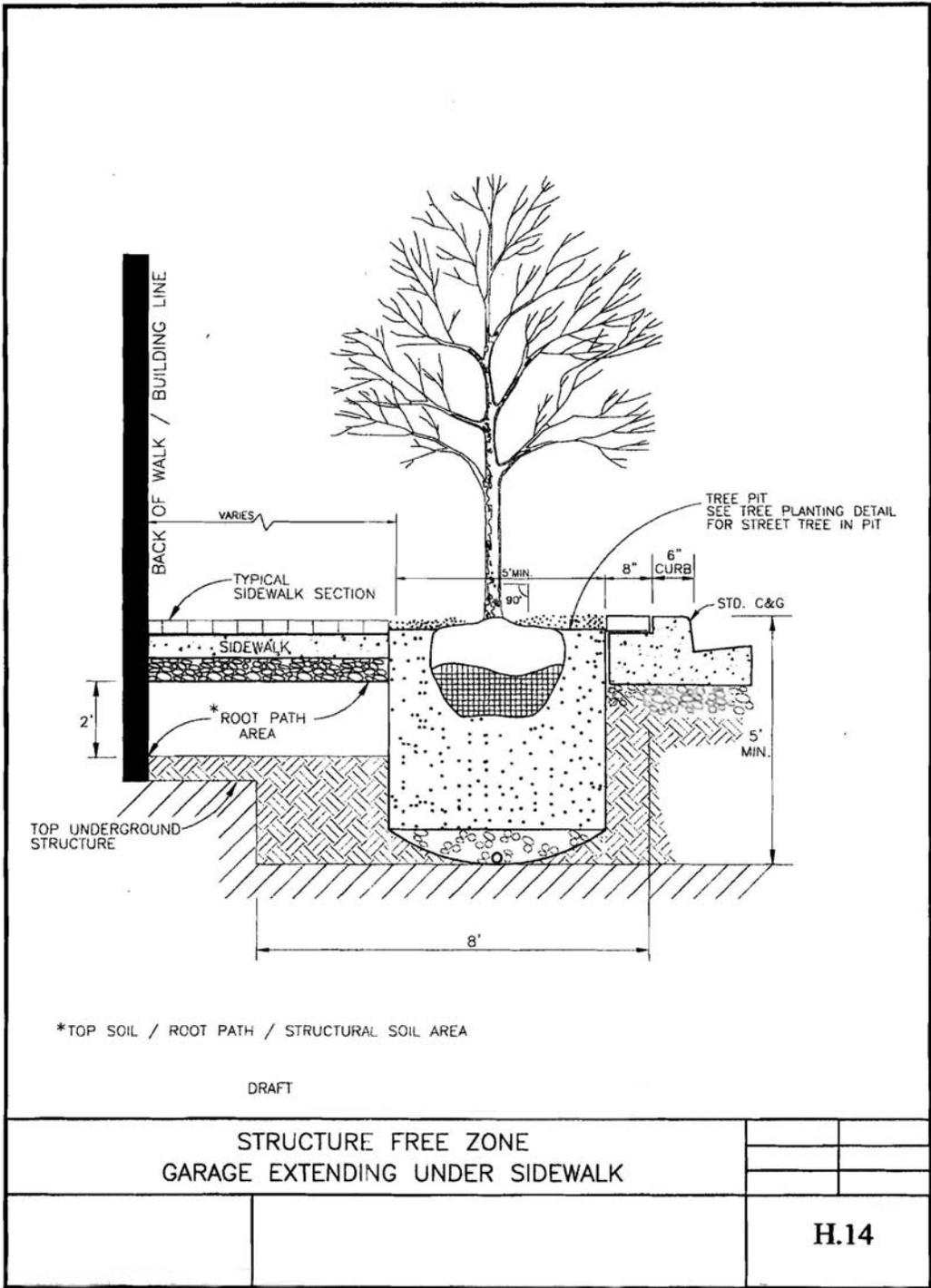
H.9

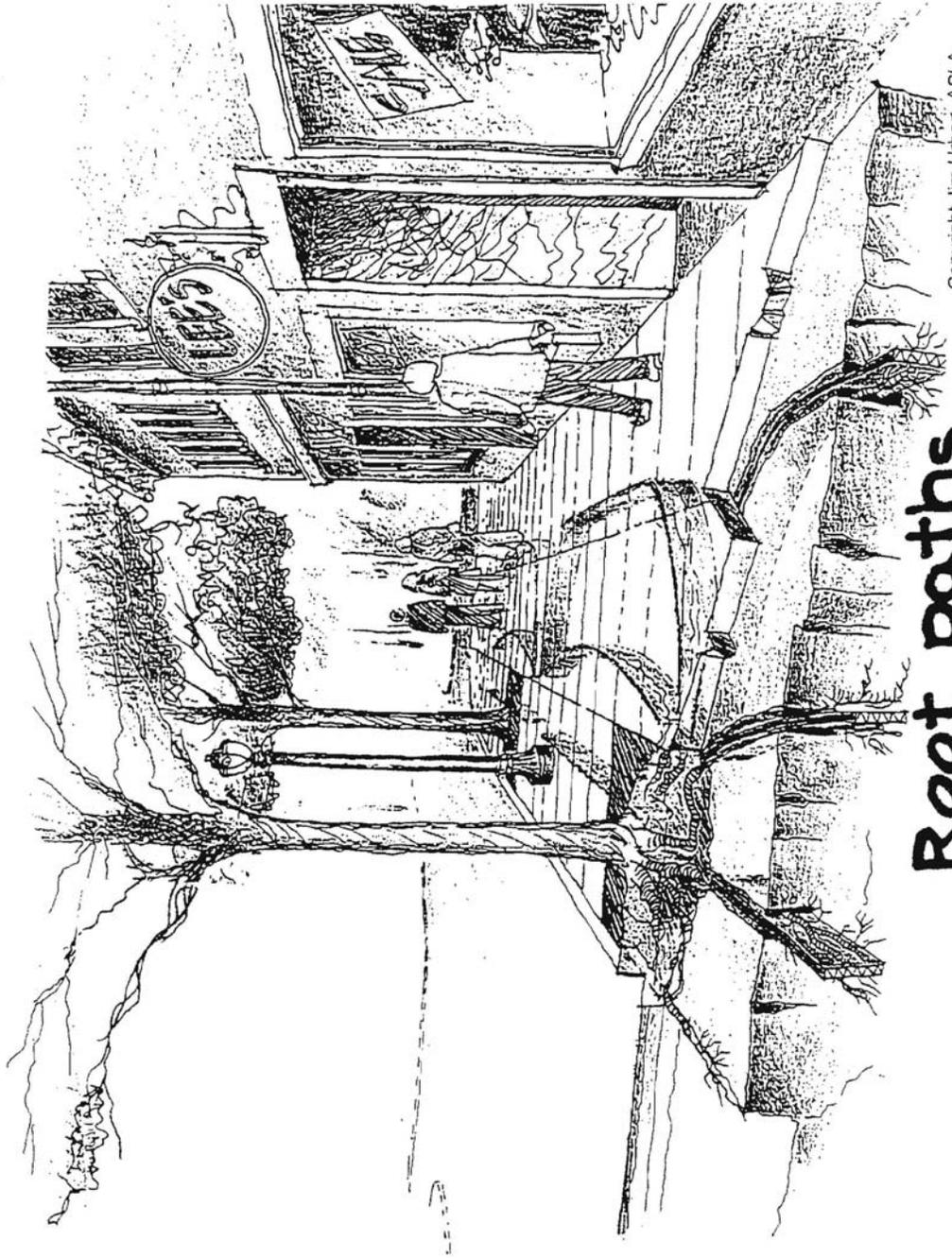












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