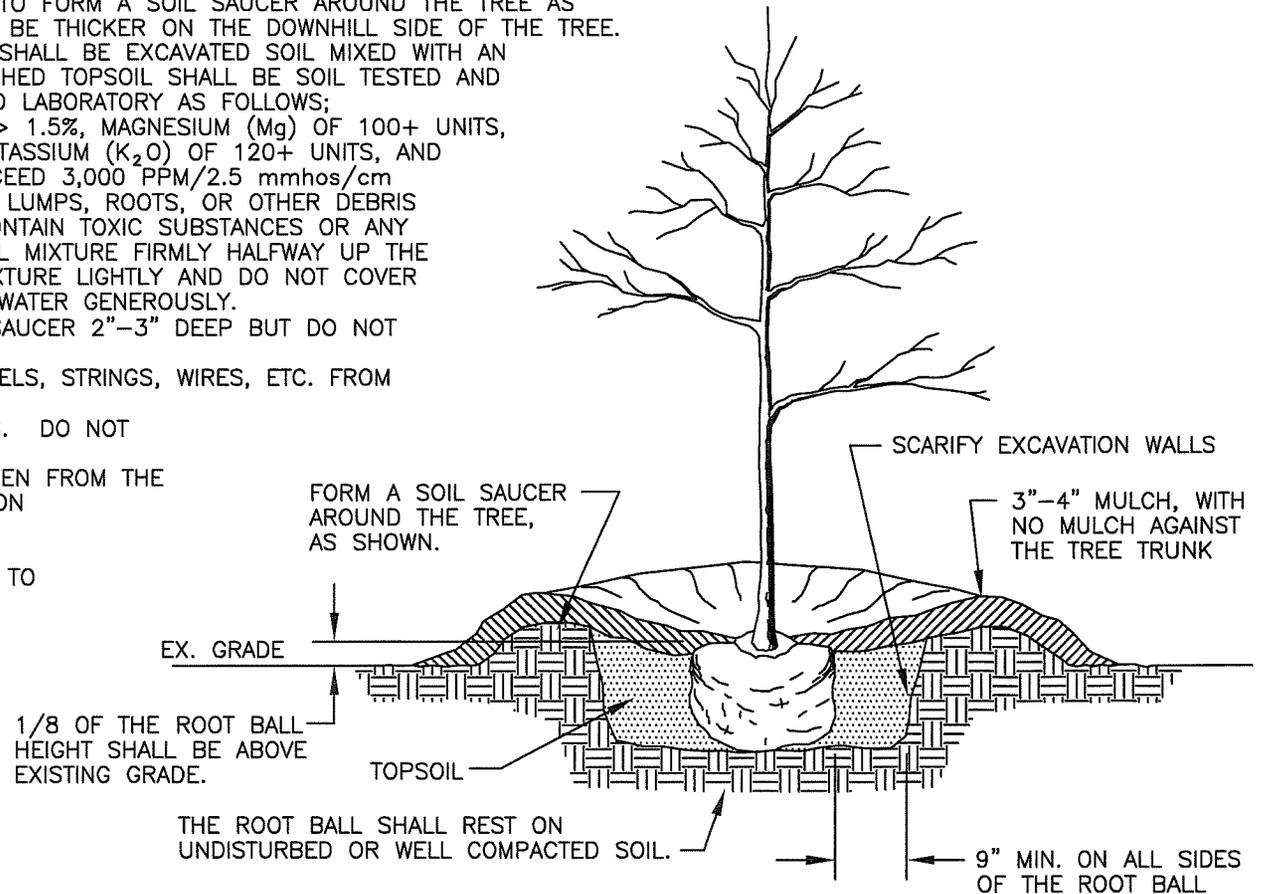


## NOTES

1. EXCAVATE THE TREE PIT WITH 9" CLEARANCE ON ALL SIDES OF THE TREE'S ROOT BALL. THE BOTTOM OF THE TREE PIT SHALL BE UNDISTURBED OR WELL COMPACTED SOIL AND WILL BE AT THAT GRADE THAT ALLOWS 1/8 OF THE ROOT BALL HEIGHT TO BE ABOVE EXISTING GRADE. SCARIFY THE TREE PIT WALLS. DO NOT PLANT ON SLOPES STEEPER THAN 2:1.
2. GENTLY PLACE THE TREE INTO THE TREE PIT AND SET THE TREE PLUMB. ALL PLASTIC, SYNTHETIC FILM, WIRE, ROPE, AND BURLAP MUST BE REMOVED FROM THE ROOT BALL. KEEP THE ROOT BALL MOIST AT ALL TIMES.
3. USE THE EXCAVATED SOILS FROM THE TREE PIT TO FORM A SOIL SAUCER AROUND THE TREE AS SHOWN. ON SLOPES THE SOIL SAUCER SHOULD BE THICKER ON THE DOWNHILL SIDE OF THE TREE.
4. BACKFILL ALONG THE SIDES OF THE ROOT BALL SHALL BE EXCAVATED SOIL MIXED WITH AN EQUAL AMOUNT OF FURNISHED TOPSOIL. FURNISHED TOPSOIL SHALL BE SOIL TESTED AND CERTIFIED BY A STATE OF MARYLAND RECOGNIZED LABORATORY AS FOLLOWS;  
 pH RANGE OF 5.0-7.0, ORGANIC MATTER > 1.5%, MAGNESIUM (Mg) OF 100+ UNITS, PHOSPHORUS (P<sub>2</sub>O<sub>5</sub>) OF 150+ UNITS, POTASSIUM (K<sub>2</sub>O) OF 120+ UNITS, AND SOLUBLE SALTS/CONDUCTIVITY NOT TO EXCEED 3,000 PPM/2.5 mmhos/cm  
 THIS TOPSOIL SHALL ALSO BE FREE OF STONES, LUMPS, ROOTS, OR OTHER DEBRIS GREATER THAN 1 1/2". TOPSOIL SHALL NOT CONTAIN TOXIC SUBSTANCES OR ANY PARTS OF NOXIOUS WEEDS. TAMP BACKFILL SOIL MIXTURE FIRMLY HALFWAY UP THE ROOT BALL. TAMP REMAINING BACKFILL SOIL MIXTURE LIGHTLY AND DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL. THEN WATER GENEROUSLY.
5. MULCH THE TOP OF THE ROOT BALL AND SOIL SAUCER 2"-3" DEEP BUT DO NOT PLACE MULCH AGAINST THE TREE TRUNK.
6. WATER THOROUGHLY AND REMOVE ALL TAGS, LABELS, STRINGS, WIRES, ETC. FROM THE TREE UNLESS OTHERWISE DIRECTED.
7. PRUNE ANY DEAD, DAMAGED, OR DISEASED LIMBS. DO NOT CUT THE MAIN LEADER.
8. THESE SPECIFICATIONS INCLUDE INFORMATION TAKEN FROM THE MD-DC-VA LANDSCAPE CONTRACTOR'S ASSOCIATION LANDSCAPE SPECIFICATION GUIDELINES, 4TH EDITION.
9. FOR THE STAKING AND GUYING OF TREES REFER TO PLATE M-013.
10. WHERE TREES ARE INSTALLED LESS THAN 5'-0" AWAY FROM CITY LIGHT CONDUIT THE CITY LIGHT DEPARTMENT MAY REQUIRE A LINEAR ROOT DEFLECTOR.



CITY OF HAGERSTOWN, MARYLAND - ENGINEERING DIVISION

### MISCELLANEOUS STANDARD DETAIL TREE PLANTING

ISSUE DATE: 01-01-03

REVISIONS

01-02-25

Plate M-012