





1. SCOPE: THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS AND ALL WORK AS CALLED FOR ON THE LANDSCAPE PLANS AND IN THE LANDSCAPE SPECIFICATIONS. CONTRACTOR SHALL VERIFY ALL QUANTITIES AND REPORT ANY DISCREPANCIES AT TIME OF BIDDING.

2. PLANTING SEASONS: SEE SPECIFICATIONS FOR OPTIMUM PLANTING SEASONS. OUT-OF-SEASON PLANTING SHALL BE DONE ONLY WITH PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL TAKE WHATEVER MAINTENANCE PROCEDURES ARE NECESSARY, AT NO EXTRA COST, TO COMPENSATE FOR OUT-OF-SEASON PLANTING.

3. INSPECTIONS: ALL PLANT MATERIALS SHALL BE INSPECTED BY THE LANDSCAPE ARCHITECT AT THE NURSERY OR UPON DELIVERY TO THE SITE.

4. PLANT SUBSTITUTIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PURCHASE AND DELIVERY. ANY ADJUSTMENT TO BID PRICE MUST BE APPROVED IN WRITING BY THE OWNER PRIOR TO PURCHASE AND DELIVERY OF THE MATERIAL OR PERFORMANCE OF THE WORK. NO INVASIVE MATERIAL SHALL BE ACCEPTED.

5. STANDARDS: ALL PLANT MATERIALS SHALL CONFORM TO 'AMERICAN NURSERYMAN STANDARDS FOR NURSERY STOCK' ANSI Z60 1-1990. ALL PLANTING AND SOIL SPECIFICATIONS ARE TO CONFORM TO THE 'MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES', LATEST EDITION.

6. UTILITIES: CALL DIG SAFE PRIOR TO ANY DIGGING OR GRADING AT THE SITE. LANDSCAPE CONTRACTOR SHALL REVIEW ARCHITECTURAL/ENGINEERING PLANS TO BECOME THOROUGHLY FAMILIAR WITH SURFACE AND SUBSURFACE UTILITIES. LANDSCAPE CONTRACTOR IS TO COORDINATE HIS WORK WITH THE IRRIGATION AND LIGHTING CONTRACTORS.

7. DAMAGE TO PROPERTY: SAFEGUARDS SHALL BE TAKEN TO PROTECT BUILDING SURFACES, PAVED SURFACES, EQUIPMENT AND FURNISHINGS. WORK SHALL BE COORDINATED WITH THE FENCING CONTRACTOR TO VERIFY ACCESS TO ALL PARTS OF THE SITE. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY WHICH MAY OCCUR AS A RESULT OF HIS NEGLIGENCE IN THE PROSECUTION OF THE WORK.

8. COMPACTED SUBGRADE SHALL BE TILLED PRIOR TO THE SPREADING OF LOAM. COMPACTED LOAM SHALL BE TILLED OR SCARIFIED PRIOR TO THE SPREADING OF SEED, LAYING OF SOD, OR PLANTING OF TREES AND SHRUBS. COMPACTED GRASS AREAS SHALL BE AERATED.

9. DRAINAGE: THE LANDSCAPE CONTRACTOR SHALL INSURE BEFORE AND AFTER THE SPREADING OF LOAM THAT ALL AREAS WILL DRAIN. VISUALLY INSPECT THE SITE FOR EVIDENCE OF CLAY, COMPACTED SUBSOIL, PUDDLES AND WET AREAS, FLAT GROUND AND INSUFFICIENTLY PITCHED SWALES PRIOR TO SPREADING LOAM. INSURE THAT ALL WALKWAYS AND PAVED AREAS WILL DRAIN INTO ADJACENT LAWNS AND PLANT BEDS. ANY AREAS OF POOR DRAINAGE SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER WITH RECOMMENDATIONS.

10. LOAM SHALL BE CLEAN, WELL DRAINED TOPSOIL, FREE OF TOXINS, CONTAINING A MINIMUM OF 10% ORGANIC MATTER, THOROUGHLY RAKED TO REMOVE STONES AND DEBRIS GREATER THAN 1". WHETHER FROM THE SITE OR IMPORTED, LOAM SHALL BE TESTED FOR PLANTING SUITABILITY (pH, ORGANIC MATTER, AVAILABLE PLANT NUTRIENTS, C/N RATIO, BULK DENSITY, SOLUBLE SALTS, HEAVY METALS, ETC.). AT LEAST THREE TESTS SHALL BE TAKEN PER STOCKPILE FOR CONSISTENCY. IF SOIL IS FOUND TO BE DEFICIENT, CONTRACTOR SHALL PROVIDE A PROGRAM OF CORRECTIVE ACTIONS. COMPOST SHALL BE ADDED AND TILLED INTO THE SOIL AS NECESSARY TO BRING THE ORGANIC CONTENT TO 10% MIN. ALL PLANT BEDS SHALL HAVE A MINIMUM OF 12" OF LOAM. ALL LAWN AREAS SHALL HAVE A MINIMUM OF 6" OF LOAM.

11. FINE GRADING: THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING OF LAWNS, BERMS, AND PLANT BEDS. INSURE THAT ALL SLOPES AND BERMS BLEND GENTLY INTO THE SURROUNDING GRADES.

12. DELIVER IN CLOSED TRUCKS: ALL PLANT MATERIALS IN LEAF SHALL BE COVERED WITH TARPS TO PREVENT DRYING OF THE LEAVES. ROOT BALLS MUST BE KEPT DAMP AT ALL TIMES, FROM TIME OF PURCHASE TO COMPLETED INSTALLATION.

13. ALL PLANT LOCATIONS ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT. STAKE ALL TREES AND PLACE ALL SHRUBS AS SHOWN ON THE PLAN FOR APPROVAL PRIOR TO PLANTING.

14. PLANT PITS SHALL BE THREE ROOT BALL DIAMETERS IN WIDTH, AND NO DEEPER THAN THE PLANT BALL. REMOVE SOIL FROM THE TOP OF THE ROOT BALL DOWN TO THE TRUNK FLARE BY LOOSENING THE BURLAP AND DIG PLANT PIT SUCH THAT ROOT FLARE IS 1 TO 2 INCHES ABOVE FINISHED GRADE.

15. FILL HOLE WITH WATER IF POOR DRAINAGE IS SUSPECTED. IF PLANTING PIT DOES NOT DRAIN WITHIN 24 HOURS, CONTACT THE LANDSCAPE ARCHITECT.

16. SET PLANT IN THE HOLE, CUT AWAY ALL VISIBLE ROPE AND BURLAP. REMOVE WIRE BASKETS ENTIRELY. REMOVE SOIL AT TOP OF BALL TO EXPOSE THE ROOT FLARE IF NECESSARY.

17. BACKFILL HOLE WITH EXISTING SOIL. AMEND WITH LOAM OR ORGANIC MATTER IF EXCESSIVELY SANDY OR OF POOR QUALITY. WHEN BACKFILLING IS HALF COMPLETE, FILL PIT WITH WATER AND ALLOW TO DRAIN TO REMOVE AIR POCKETS. COMPLETE BACKFILLING LEAVING THE ROOT FLARE EXPOSED.

18. MIX MYCOR TREE SAVER INTO TOP 8" OF SOIL ADJACENT TO THE ROOT BALL AT THE RATE OF 1 PACKET PER CALIPER INCH OF TRUNK OR 1 PACKET PER FOOT OF ROOT BALL DIAMETER.

19. BINDING ROOTS SHALL BE CUT CLEANLY FROM THE EXPOSED ROOT FLARE.

20. WATER-HOLDING SAUCER SHALL BE BUILT UP AROUND THE PLANT PIT. FLOOD WITH WATER FOR 5 MINUTES IMMEDIATELY AFTER PLANTING.

21. STAKES AND TREE WRAP: THE LANDSCAPE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR STABILITY AND PLUMB CONDITION OF ALL TREES AND SHRUBS AND SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY INSTABILITY OF ANY PLANT MATERIALS. TREE STAKES SHALL BE INSTALLED IN WINDY AREAS AND WHEN EVERGREEN MATERIAL IS PLANTED IN THE FALL. TREE WRAP SHALL BE APPLIED TO THIN BARKED TREES AFTER PRELIMINARY ACCEPTANCE OF THE INSTALLATION. STAKES AND TREE WRAP SHALL BE REMOVED IN THE SPRING PRIOR TO FINAL ACCEPTANCE AND RELEASE OF THE GUARANTEE.

22. COMPOST: IF MATERIAL IS PLANTED IN UNDISTURBED SOIL, SPREAD 1 TO 2" OF COMPOST OVER THE ENTIRE PLANT BED OR LAWN AREA. DO NOT FERTILIZE.

23. MULCH: AREAS AROUND PROPOSED TREES AND SHRUBS AND ALL PLANT BEDS SHALL BE TREATED WITH 3" SHREDDED BARK MULCH. TREES IN LAWN AREAS SHALL RECEIVE A 3 FT. DIA. CIRCULAR BED OF MULCH. CUT NEAT BED EDGE AND FULLY REMOVE ALL GRASS AND WEEDS PRIOR TO MULCH APPLICATION. DO NOT MULCH AGAINST TRUNKS AND STEMS.

24. PRUNING: REMOVE ALL DEAD, BROKEN AND DAMAGED BRANCHES. PRUNE FOR SAFETY, SHAPE AND BALANCE, AND AS DIRECTED BY THE LANDSCAPE ARCHITECT.

25. WATER PLANTS ONCE A DAY FOR THE FIRST WEEK AND ONCE A WEEK FOR THE FIRST PLANTING SEASON. WATER AT THE RATE OF FIVE GALLONS PER SHRUB AND 10 GALLONS PER TREE.

26. GUARANTEE ALL PLANTS FOR ONE FULL YEAR FROM DATE OF ACCEPTANCE.

27. SPECIFICATIONS: REFER TO THE TECHNICAL SPECIFICATIONS AND LANDSCAPE MAINTENANCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR SITE PREPARATION, INSTALLATION AND MAINTENANCE OF THE PLANT MATERIALS.

QTY.	SIZE	COMMON NAME	BOTANICAL NAME
		TREES	
x	6-8"	Canaan Fir	Abies balsamea 'Phanerolepis'
x	5-6'	Serviceberry	Amelanchier laevis
x	8-10'	Paper Birch	Betula papyrifera
x	2-2.5"	Stellar Pink Dogwood	Cornus 'Rutgan'
x	2-2.5"	Carolina Silverbell	Halesia tetraptera
x	6-8'	Witch Hazel	Hamamelis int. 'Arnold Promise'
x	2-2.5"	Adams Crabapple	Malus 'Adams'
x	2-2.5"	Sugar Tyme Crabapple	Malus 'Sutyzam'
x	6-8'	White Spruce	Picea glauca
x	6-8'	Austrian Pine (large)	Pinus nigra
x	2.5-3"	Red Oak	Quercus rubra
x	2.5-3"	Valley Forge Elm	Ulmus 'Valley Forge'
		SHRUBS	
x	18-24"	Chokeberry	Aronia melanoc. 'Autumn Magic'
x	15-18"	Gumpo Pink Azalea	Azalea 'Gumpo Pink'
x	3-4'	Royal Azalea	Azalea schlipenbachii
x	3 gal.	Summersweet	Clethra alnifolia 'Hummingbird'
x	18-24"	Ivory Halo Dogwood	Cornus alba 'Bailhalo'
x	24-36"	Fothergilla	Fothergilla gardenii
x	3 gal.	Haas Halo Hydrangea	Hydrangea 'Haas Halo'
x	5-6'	Pee Gee Hydrangea	Hydrangea paniculata 'Grandiflora'
x	3 gal.	Oakleaf Hydrangea	Hydrangea quercifolia 'Pee Wee'
x	24-36"	Inkberry	Ilex glabra 'Densa'
x	24-36"	Chesapeake Holly	Ilex crenata 'Chesapeake'
x	24-36"	Hoogendorn Holly	Ilex crenata 'Hoogendorn'
x	24-36"	Steeds Holly	Ilex crenata 'Steeds'
x	2-2.5'	Virginia Sweetspire	Itea virginica 'Little Henry'
x	4-5'	Ninebark	Physocarpus opulifolius 'Diablo'
x	24-36"	Andromeda	Pieris japonica
x	2-3'	PJM Pink Rhododendron	Rhododendron 'PJM Pink'
x	18-24"	Gold Flame Spirea	Spiraea bumalda 'Goldflame'
x	3-4'	Lilac	Syringa vulgaris
x	4-5'	Blueberry	Vaccinium corymbosum
x	3-4'	Dwarf Mayflower Viburnum	Viburnum carlsii 'Compacta'
x	2-3'	Weigela	Weigela florida 'Minuet'
		PERENNIALS & VINES	
x	2 gal.	Cranesbill	Geranium 'Rozanne'
x	2 gal.	Daylily	Hemerocallis 'Stella d'Oro'
x	2 gal.	Catmint	Nepeta faassenii 'Six Hills Giant'
x	2 gal.	Parthenicisus quinquefolia	Virginia Creeper

PRUNE TO REMOVE DEAD WOOD

STAKE TREES, FALL PLANTING ONLY. THREE 6' LONG, 2X3 INCH WOOD STAKES. GUYS SHALL BE "ARBORTAPE". REMOVE AFTER FIRST WINTER.

SET ROOT BALL ON UNDISTURBED SUBSOIL WITH TOP OF BALL 2" ABOVE FINISHED GRADE. REMOVE WIRE BASKET AND SYNTHETIC BURLAP COMPLETELY, FOLD HEMP BURLAP DOWN 1/3 TO BURY COMPLETELY. REMOVE SOIL FROM TRUNK FLARE AND TRIM BINDING ROOTS.

3" BARK MULCH AND 3" SAUCER KEEP MULCH 4" FROM TRUNK

DIG SLOPING TREE PIT THREE TIMES THE WIDTH OF THE ROOT BALL AND AS DEEP AS THE BALL IS HIGH.

BACKFILL WITH UNAMENDED TOPSOIL.

UNDISTURBED SUBGRADE

The diagram illustrates the construction of a tree pit for stake trees. It shows a cross-section of the ground with various layers and components labeled with callouts:

- STAKE TREES, FALL PLANTING ONLY.**: A general instruction at the top right.
- THREE 18" LONG, 2X3 INCH WOOD STAKES. GUYS SHALL BE "ARBORTAPE". REMOVE AFTER FIRST WINTER.**: Details about the stakes used to support the tree.
- SET ROOT BALL ON UNDISTURBED SUBSOIL WITH TOP OF BALL 2" ABOVE FINISHED GRADE. REMOVE WIRE BASKET AND SYNTHETIC BURLAP COMPLETELY, FOLD HEMP BURLAP DOWN 1/3 TO BURY COMPLETELY. REMOVE SOIL FROM TRUNK FLARE AND TRIM BINDING ROOTS.**: Instructions for placing the root ball and preparing the soil around it.
- 3" BARK MULCH AND 3" SAUCER KEEP MULCH 4" FROM TRUNK**: Details about the mulch layer and its placement relative to the trunk.
- DIG SLOPING TREE PIT THREE TIMES THE WIDTH OF THE ROOT BALL AND AS DEEP AS THE BALL IS HIGH.**: Instructions for digging the tree pit.
- BACKFILL WITH UNAMENDED TOPSOIL.**: Instruction for filling the pit after planting.
- UNDISTURBED SUBGRADE**: Label for the bottom layer of the ground.

The diagram also includes labels for the width of the pit sections: EO, EO, EO, and EO, indicating equal widths for each section.

MULCH TO THE EDGE OF THE PLANT BED

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UNDISTURBED SUBGRADE

<b>SIGNATURE</b>	<b>DATE</b>

Town Clerk \_\_\_\_\_ Date \_\_\_\_\_

L-2  
DRAWING NO.