

**Landscape Planting Notes**

1. Verification of total landscape material quantities as shown on the landscape plans and in the plant list shall be the responsibility of the landscape contractor. The landscape architect shall be notified of any discrepancies prior to final bidding or installation.
2. All landscape materials shall conform to the most recent American Standards for Nursery Stock established by the American Association of Nurserymen (A.A.N.).
3. Soil analysis shall be obtained by landscape contractor prior to planting. See Soil Preparation and Amendment Notes.
4. Shrub bed area preparation is highly preferred to individually dug holes.
5. Trees with root flare covered by more than 1" of soil will be rejected prior to installation.
6. Landscape material placed in prepared holes shall be properly backfilled prior to the end of the working day.
7. All saucers shall be soaked with water and mulched immediately following installation.
8. All prepared ground cover and annual bed installations shall be properly soaked and mulched prior to the end of the day.
9. Landscape Architect shall approve any on-site plant storage area for accessibility, shade conditions, healing in mulch material and temporary watering methods.
10. Lift and set the tree by root ball only. Do not lift using the tree trunk. Do not use tree trunk as a lever.
11. All root balls removed from containers shall be scarified by hand prior to placement and back filling with prepared soils. Hand tools are not to be used to scarify root balls.
12. All rope and wrapping twine shall be cut and removed from around the upper parts of the root ball. Metal basket wires and burlap shall be pulled back and tucked under the edges of the saucer rings on all trees and large shrubs. All synthetic burlap shall be removed from plant balls prior to back-filling.
13. All plant beds or raised saucer rings shall be edged with smooth, continuous curves.
14. All plant material shall be planted at heights as illustrated in plant details.
15. Tree guying shall be performed within a week of planting. The landscape contractor shall be responsible for removing all tree guying strapping and stakes after the first full growing season or one year, whichever ever comes first.
16. B & B as listed under "root" in the plant list indicates balled and burlapped.
17. Contractor shall verify locations of underground utilities prior to planting. Any exposed or uncovered lines shall be shown to general contractor prior to backfilling.
18. All plant beds and raised saucer rings shall be graded to provide adequate drainage and shall be mulched as specified.
19. All materials, planting and landscape work shall conform to the current municipal authority's standard specifications and details.
20. All landscape areas that are not planted and mulched or paved shall be seeded or sodded per owner's direction with **Fescue**, unless otherwise noted.
21. Tree protection fence shall be installed, inspected and approved prior to the issuance of any grading or other permits.
22. First year pruning of tree crown shall be limited to removal of dead & damaged wood.
23. The owner shall be responsible for the maintenance of all municipally required landscaping, beginning one year after date of planting, by keeping leaves mowed, all plants maintained as disease free, all planting beds groomed and kept weed free (except in areas of preserved existing natural vegetation i.e. thickets) and kept free from trash, debris and other materials.
24. The owner shall be responsible for the replacement of any municipally required planting, which is removed or dies, beginning one year after the date of planting. Such replacement shall occur during the next planting season.
25. Trees within Public Right of Way to be planted from October 1st to April 30th only.
26. All planting beds shall be mulched with 4" Triple-Hammered Hardwood Mulch unless otherwise specified.

**Soil Preparation and Amendment Notes**

1. Soil samples shall be taken and submitted to an independent source for soil analysis. Results of soil analysis shall be sent to the Landscape Architect.
2. Per recommendation of soils report, landscape contractor to supplement soil with lime, macro-nutrients and micronutrients.
3. Contractor to amend soil with organic material and/or sand to yield the final soil ratio:  
 33.3% Sand/Silt  
 33.3% Clay  
 33.3% Organic Material \*  
 \* Organic material to be Compost made solely from plant-based products. Peat moss is allowed in sandy soils
4. Native soil, Lime, Nutrients and Amendments to be filled to a minimum width of 3-5x root ball for trees. Shrub and groundcover planting areas shall be filled to a minimum 4" below rootball or a minimum 12" deep.

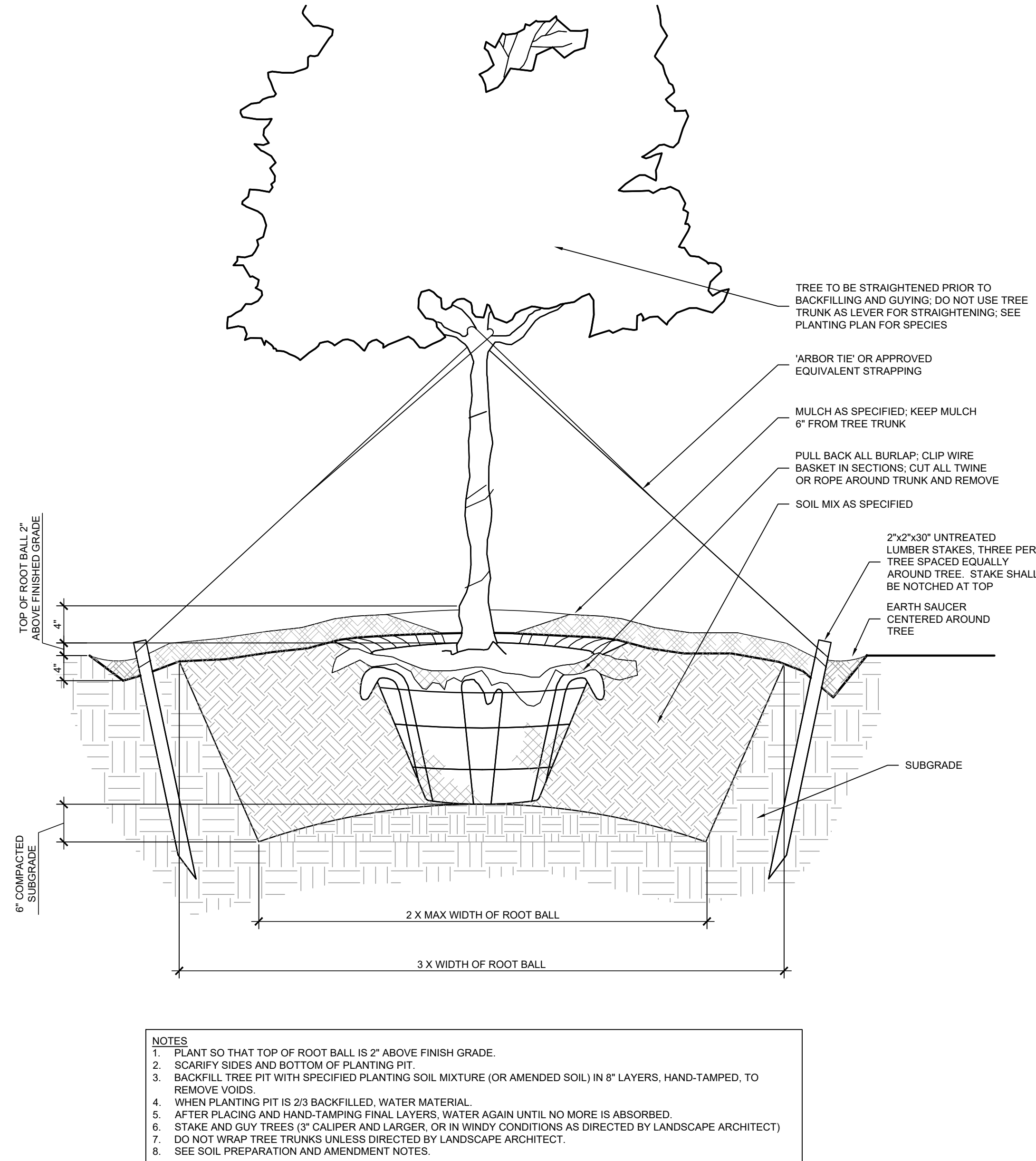
**Landscape Planting Notes** 06  
Not to Scale

**Landscape Maintenance Notes**

THE OWNERS OF THE PROPERTY AND THEIR AGENTS, HEIRS OR ASSIGNS SHALL BE RESPONSIBLE FOR THE INSTALLATION, PRESERVATION AND MAINTENANCE OF ALL PLANTINGS AND PHYSICAL FEATURES SHOWN ON THIS PLAN. THE OWNERS SHALL BE RESPONSIBLE FOR ANNUAL MAINTENANCE OF THE VEGETATION TO INCLUDE BUT NOT LIMITED TO:

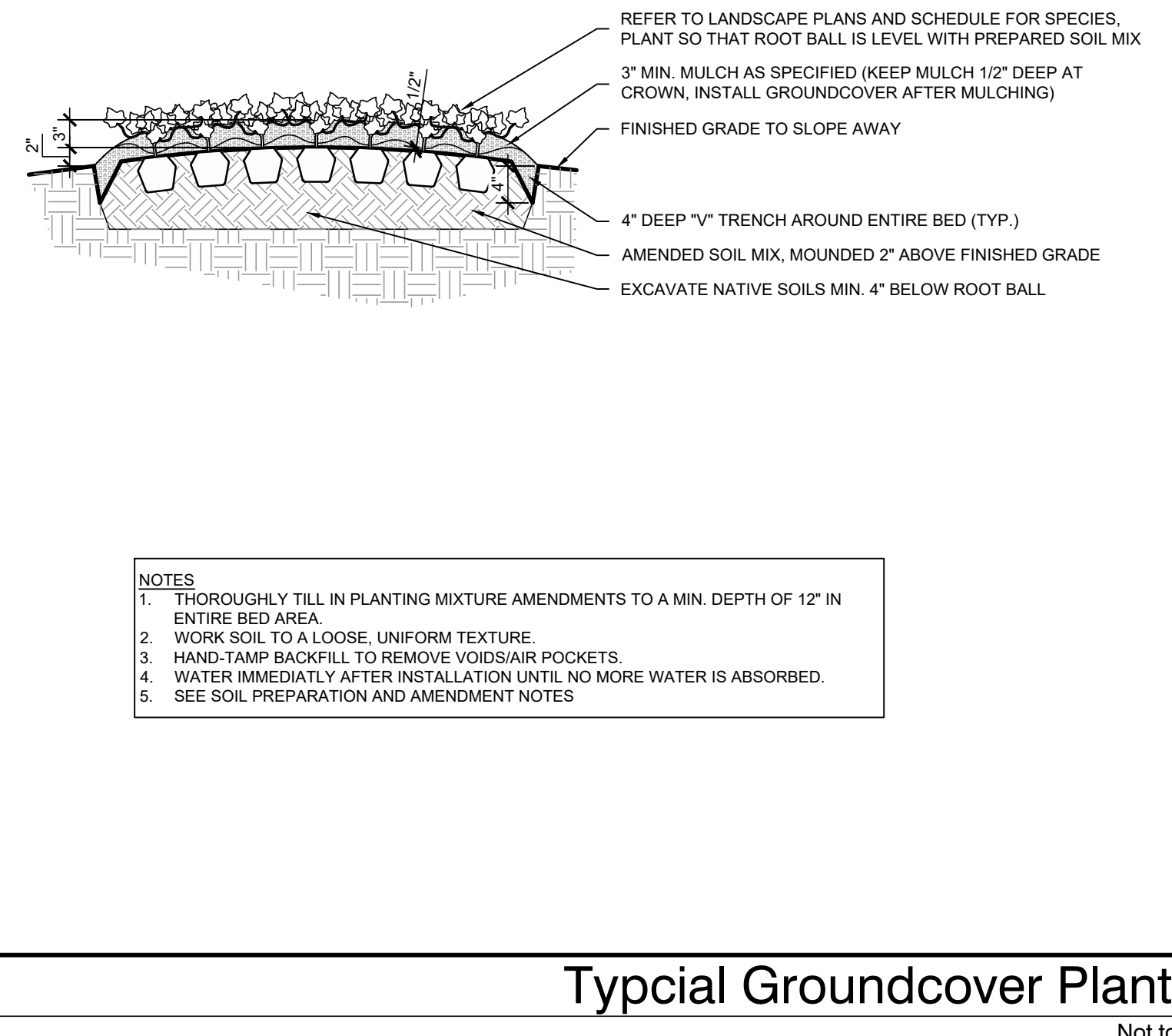
1. Fertilization: Avoid any nitrogen fertilization of cool-season grasses, such as tall fescue, after the February application until September. Fertilize lawns three times per year September 15, October 31, and February 15 according to soil test. Fertilize warm season grasses once during growing season per soil test.
2. Pruning: Purpose of pruning is to improve health and vigor of woody plants, adjustments to the foliage and branching density for visual screens and managing competition, and improving the appearance of trees and shrubs. Pruning shall be limited to removal of dead wood or branches for trees or for sight distance/necessity reasons for the first year. The ANSI A800 Tree Care Operations standards should be adhered to. The pruning of shrubs shall be limited to the pruning necessary to maintain the natural shape of the plant except for sheared hedges.  
 A. Shrubs in buffers allowed to remain full to ground and 6" @ height.  
 B. Shrubs in landscape buffer trimmed to continuous soft hedges below trees.  
 C. Shrubs in planting islands kept trimmed to 30" maximum height.
3. Pest Control: Pre-emergent weed control for lawns and shrub beds may be applied in February. Chemical treatment for insect infestation and disease may be applied and shall be specific to the problem.
4. Mulching: Mulching shall be maintained at a depth of 2"-3" in plant beds. Mulch shall be reapplied every year.
5. Mowing: primary fescue lawns shall be maintained at a height of 3". Secondary turf areas may be maintained higher and less frequently. Warm season grasses shall be mowed as needed during the growing season to maintain the recommended height of the species of turf grass.
6. Plant protection: Avoid excess intrusion into the root zone area of established plantings. Install tree protection fencing as shown during construction.
7. Watering: If any irrigation system is utilized, the system shall be regulated to provide approximately 1" of rainfall per week during the growing season.
8. Maintenance notes for Boreation Basin plant materials:  
 A. Visually inspect and repair erosion around boreation areas on a monthly basis.  
 B. Inspect mulch cover monthly and replace any void area as needed, additional mulch shall be applied in the spring where needed.  
 C. Remove and replace all dead or diseased vegetation twice annually. Treat all diseased shrubs and trees as needed to insure proper growth.  
 D. All plant materials shall be watered by hand for two weeks after installation.  
 E. Replace any deficient stakes or wires whenever needed.  
 F. Remove all trash weekly.

**Landscape Maintenance Notes** 04  
Not to Scale



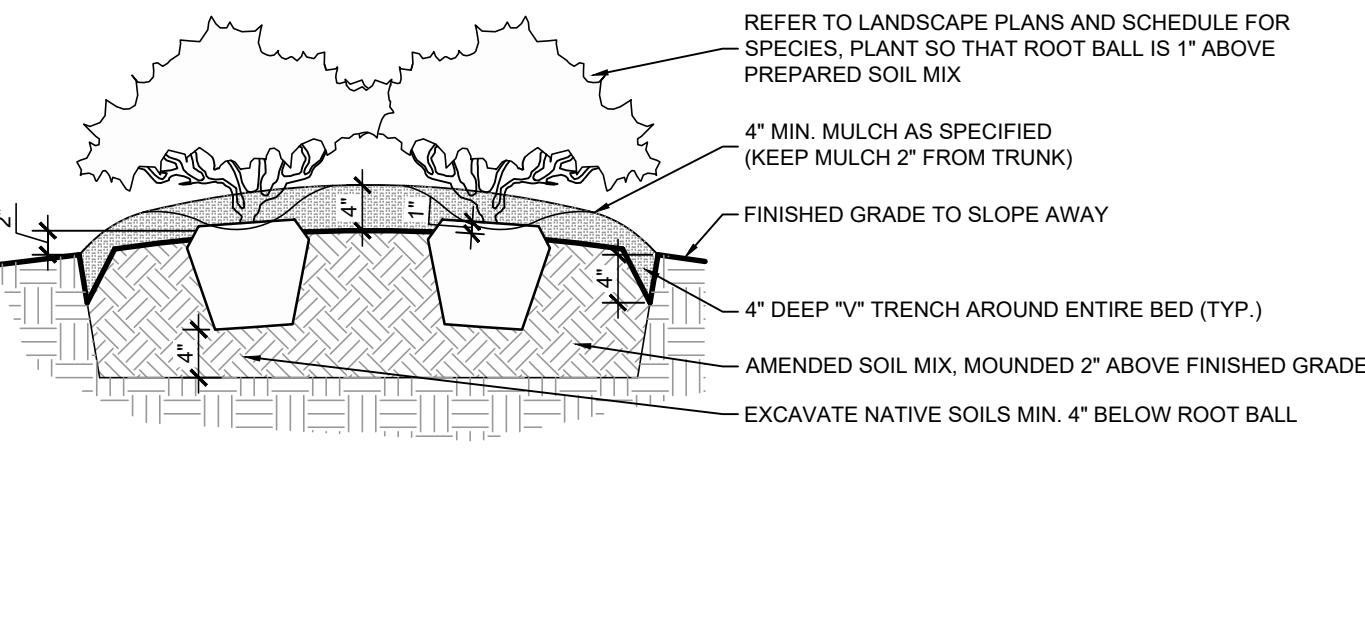
- NOTES**
1. PLANT SO THAT TOP OF ROOT BALL IS 2" ABOVE FINISH GRADE.
  2. SCARIFY SIDES AND BOTTOM OF PLANTING PIT.
  3. BACKFILL TREE PIT WITH SPECIFIED PLANTING SOIL MIXTURE (OR AMENDED SOIL) IN 8" LAYERS, HAND-TAMPED, TO REMOVE VOIDS.
  4. WHEN PLANTING PIT IS 2/3 BACKFILLED, WATER MATERIAL.
  5. AFTER PLACING AND HAND-TAMPING FINAL LAYERS, WATER AGAIN UNTIL NO MORE IS ABSORBED.
  6. STAKE AND GUY TREES (3" CALIPER AND LARGER, OR IN WINDY CONDITIONS AS DIRECTED BY LANDSCAPE ARCHITECT) DO NOT WRAP TREE TRUNKS UNLESS DIRECTED BY LANDSCAPE ARCHITECT.
  7. DO NOT WRAP TREE TRUNKS UNLESS DIRECTED BY LANDSCAPE ARCHITECT.
  8. SEE SOIL PREPARATION AND AMENDMENT NOTES.

**Typical Tree Planting** 05  
Not to Scale



- NOTES**
1. THOROUGHLY TILL IN PLANTING MIXTURE AMENDMENTS TO A MIN. DEPTH OF 12" IN ENTIRE BED AREA.
  2. WORK SOIL TO A LOOSE, UNIFORM TEXTURE.
  3. HAND-TAMP BACKFILL TO REMOVE VOIDS/AIR POCKETS.
  4. WATER IMMEDIATELY AFTER INSTALLATION UNTIL NO MORE WATER IS ABSORBED.
  5. SEE SOIL PREPARATION AND AMENDMENT NOTES.

**Typical Groundcover Planting** 03  
Not to Scale



- NOTES**
1. PLANT SO THAT TOP OF ROOT BALL IS 1" ABOVE FINISH GRADE.
  2. SCARIFY SIDES AND BOTTOM OF PLANTING PIT.
  3. BACKFILL PLANTING PIT WITH SPECIFIED PLANTING SOIL MIXTURE (OR AMENDED SOIL) IN 6" LAYERS, HAND-TAMPED, TO REMOVE VOIDS.
  4. WHEN PLANTING PIT IS 2/3 BACKFILLED, WATER MATERIAL.
  5. AFTER PLACING AND HAND-TAMPING FINAL LAYERS, WATER AGAIN UNTIL NO MORE IS ABSORBED.
  6. ROOTBALL IS TO BE DISTURBED SO THAT ROOTS WILL GROW OUT INTO SOIL MIX.
  7. SEE SOIL PREPARATION AND AMENDMENT NOTES.

**Typical Shrub Planting** 02  
Not to Scale

**REQUIRED PLANT CANDIDATE LIST**

<b>LARGE MATURING TREES (50'+H, 2" CAL.)</b>	30
ACER SACCHARUM / SUGAR MAPLE	
BETULA NIGRA / RIVER BIRCH	
CARPINUS BETULUS / EUROPEAN HORNBEAM	
FAGUS GRANDIFOLIA / AMERICAN BEECH	
GINKGO BILOBA / MAIDENHAIR TREE	
GYMNOCALADUS DIQICA / KENTUCKY COFFEE TREE	
LICUDBA STYRACIHA / 'ROTUNDILOBA' TM / ROUND-LOBED SWEET GUM	
MAGNOLIA GRANDIFLORA / SOUTHERN MAGNOLIA	
NYSSA SYLVATICA / SOUR GUM	
QUERCUS FALCATA / SOUTHERN RED OAK	
QUERCUS LYRATA / OVERCUP OAK	
QUERCUS NUTTALLII / NUTTALL OAK	
QUERCUS PHELLOS / WILLOW OAK	
QUERCUS SHUMARDII / SHUMARD RED OAK	
QUERCUS VIRGINIANA / SOUTHERN LIVE OAK	
TAXODIUM DISTICHUM / BALD CYPRESS	
ULMUS PARVIFOLIA / CHINESE ELM	

<b>SMALL MATURING TREES (UP-25' H, 2" CAL.)</b>	TBD
ACER TATARICUM GINNALA 'FLAME' / ARMUR 'FLAME' MAPLE	
AMELANCHIER ARBOREA / DOWNY SERVICEBERRY	
AMELANCHIER CANADENSIS / CANADIAN SERVICEBERRY	
CERCIS CANADENSIS / EASTERN REDBUD	
CRATAEGUS PHAENOPYRUM / WASHINGTON HAWTHORN	
MAGNOLIA GRANDIFLORA 'LITTLE GEM' / DWARF SOUTHERN MAGNOLIA	
MAGNOLIA STELLATA / STAR MAGNOLIA	
MAGNOLIA X SOULANGIANA / SAUCEUR MAGNOLIA	
PRUNUS X OKAME / OKAME CHERRY	
PRUNUS X YEDOENSIS / YOSHINO CHERRY	

<b>SCREENING SHRUB</b>	110
ABELIA X GRANDIFLORA / GLOSSY ABELIA	
AUCUBA JAPONICA / JAPANESE AUCUBA	
AZALEA INDICA / INDIAN AZALEA	
CAMELLIA JAPONICA / CAMELLIA	
CAMELLIA SASANQUA / SASANQUA CAMELLIA	
HYDRANGEA QUERCIFOLIA / OAKLEAF HYDRANGEA	
ILEX 'EMILY BRUNER' / EMILY BRUNER HOLLY	
ILEX AQUIFOLIUM / ENGLISH HOLLY	
ILEX CORNUTA 'BURFORDII NANA' / DWARF BURFORD HOLLY	
ILEX CORNUTA 'BURFORDII' / BURFORD HOLLY	
ILEX CRENATA 'CONVEXA' / CONVEX JAPANESE HOLLY	
ILEX CRENATA 'HETZI' / HETZI JAPANESE HOLLY	
ILEX CRENATA 'ROTUNDFOLIA' / ROUNDLEAF JAPANESE HOLLY	
ILEX GLABRA / INKBERY HOLLY	
ILEX LATIFOLIA / LUSTERLEAF HOLLY	
ILEX VOMITORIA / YAUPON HOLLY	
JUNIPERUS CHINENSIS 'PFITZERIANA' / PFITZER JUNIPER	
LAURUS NOBILIS / SWEET BAY	
LOROPETALUM CHINENSE / CHINESE FRINGE FLOWER	
MYRICA CERIFERA / WAX MYRTLE	
OSMANTHUS AMERICANUS / WILD OLIVE	
PIERIS JAPONICA / LILY OF THE VALLEY BUSH	
PITTOSPORUM TOBIRA / MOCK ORANGE	
PODOCARPUS MACROPHYLLUS 'MAKI' / PODOCARPUS	
PRUNUS LAUROCERASUS / ENGLISH LAUREL	
PRUNUS LAUROCERASUS ANGUSTIFOLIA / NARROW LEAVED ENGLISH LAUREL	
TAXUS CUSPIDATA / JAPANESE YEW	
VIBURNUM RHYTIDOPHYLLUM / LEATHERLEAF VIBURNUM	
VIBURNUM TINUS / LAURESTINUS VIBURNUM	

**SUPPLEMENTAL PLANTING SCHEDULE**

TOTAL PLANTING AREA = +/- 59,300 SF

SUPPLEMENTAL TREES	COMMON NAME	CAL.	HT.	SPR.
ACER PALMATUM 'BLOODGOOD'	BLOODGOOD JAPANESE MAPLE	2-2.5'	12'-14'	6-8'
BETULA NIGRA 'DURAHEAT'	DURAHEAT RIVER BIRCH	-	14-16'	6-8'
CERCIS CANADENSIS 'FOREST PANSY' PP#2556	FOREST PANSY REDBUD	2-2.5'	8'-10'	6-8'
LAGERSTROEMIA FAURIEI 'MUSKOGEE'	MUSKOGEE CRAPE MYRTLE	-	12-14'	6-8'
LAGERSTROEMIA INDICA X FAURIEI 'SIOUX'	SIOUX CRAPE MYRTLE	-	8-10'	4-6'
LAGERSTROEMIA X BLACK DIAMOND® CRIMSON RED	BLACK DIAMOND® CRIMSON RED CRAPE MYRTLE	-	6-8'	3-4'

SUPPLEMENTAL SHRUBS	COMMON NAME
ABELIA X GRANDIFLORA 'ROSE CREEK'	ROSE CREEK ABELIA
AUCUBA JAPONICA 'MR. GOLDSTRIKE'	MR. GOLDSTRIKE AUCUBA
AZALEA ENCORE 'AUTUMN AMETHYST' TM	AUTUMN AMETHYST AZALEA
AZALEA ENCORE 'AUTUMN ANGEL' TM	AUTUMN ANGEL AZALEA
BUXUS MICROPHYLLA JAPONICA 'BABY JADE'	BAY JADE JAPANESE BOXWOOD
CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS
CAMELLIA SASANQUA 'AGNES O. SOLOMON'	AGNES O. SOLOMON CAMELLIA
CAMELLIA SASANQUA 'SHISHI GASHIRA'	SHISHI GASHIRA CAMELLIA
CEPHALOTAXUS HARRINGTONIA 'FASTIGIATA'	PLUM YEW
CEPHALOTAXUS HARRINGTONIA 'FASTIGIATA'	PLUM YEW
DISTYLIIUM X 'PIDIST-II'	BLUE CASCADE DISTYLIIUM
DISTYLIIUM 'VINTAGE JADE' PP23,128	VINTAGE JADE DISTYLIIUM
GARDENIA JASMINOIDES 'KLEIM'S HARDY'	KLEIM'S HARDY GARDENIA
HIBISCUS SYRIACUS 'PURPLE PILLAR'	PURPLE PILLAR ROSE OF SHARON
HYDRANGEA PANICULATA 'LIMELIGHT' TM	LIMELIGHT HYDRANGEA
HYDRANGEA QUERCIFOLIA 'ELLEN HUFF'	ELLEN HUFF OAKLEAF HYDRANGEA
ILEX CORNUTA 'BURFORDII NANA'	DWARF BURFORD HOLLY
ILEX CORNUTA 'CARISSA'	CARISSA HOLLY
ILEX CRENATA 'CHESAPEAKE'	CHESAPEAKE JAPANESE HOLLY
ILEX CRENATA 'LOW RIDER'	LOW RIDER JAPANESE HOLLY
ILEX CRENATA 'SKY PENCIL'	SKY PENCIL JAPANESE HOLLY
ILEX GLABRA	INKBERRY HOLLY
ILEX VOMITORIA 'CONDEAUX'	BORDEAUX HOLLY
ILEX X 'CAROLINA SENTINEL'	CAROLINA SENTINEL HOLLY
ILEX X 'CONIN' P.P.# 9,486	ROBIN™ RED HOLLY
ITEA VIRGINICA 'HENRY'S GARNET'	HENRY'S GARNET SWEETSPIRE
JASMINUM FLORIDUM	SHOWY JASMINE
LOROPETALUM CHINENSE 'PURPLE DIAMOND'	PURPLE DIAMOND LOROPETALUM
MAHONIA 'MAYNIA'	MARVEL MAHONIA
MISCANTHUS SINENSIS 'HURON SUNRISE'	HURON SUNRISE EULALIA
MISCANTHUS SINENSIS 'LITTLE MISS' PP28849	LITTLE MISS MAIDEN GRASS
MISCANTHUS SINENSIS 'MORNING LIGHT'	MORNING LIGHT MAIDEN GRASS
OSMANTHUS HETEROPHYLLUS 'GULFTIDE'	GULFTIDE OSMANTHUS
PANICUM VIRGATUM 'NORTH WIND'	NORTHWIND SWITCH GRASS
PENNISSETUM ALOPECUROIDES 'HAMELN'	HAMELN DWARF FOUNTAIN GRASS
PIERIS JAPONICA 'MOUNTAIN FIRE'	MOUNTAIN FIRE PIERIS
ROSA X 'CHEWNINGEBEL' PP#26532	OSO EASY® ITALIAN ICE® ROSE
ROSA X 'RADRAL' PP 19,803	CORAL KNOCK OUT ROSE
ROSA X 'CHEWGROUND' USPP 19,581	OSO EASY® FRAGRANT SPREADER ROSE
VIBURNUM OBOVATUM 'RAULSTON HARDY'	RAULSTON HARDY VIBURNUM
VIBURNUM TINUS 'SPRING BOUQUET'	SPRING BOUQUET LAURESTINUS

SUPPLEMENTAL VINES	COMMON NAME
HYDRANGEA ANOMALA PETIOLARIS	CLIMBING HYDRANGEA
TRACHELOSPERMUM JASMINOIDES 'CONFEDERATE'	CONFEDERATE JASMINE

SOD	COMMON NAME
FESTUCA X 'REBEL SUPREME' TM	REBEL SUPREME FESCUE

SUPPLEMENTAL GROUND COVER	COMMON NAME
ANNUALS	SEASONAL COLOR
CAREX OSHIMENSIS 'EVERILLO'	EVERILLO JAPANESE SEDGE
DRYOPTERIS ERYTHROSORA 'BRILLIANCE'	AUTUMN FERN
ECHINACEA PURPUREA 'MILKSHAKE'	MILKSHAKE CONEFLOWER
ECHINACEA X 'HOT PAPAIA'	HOT PAPAIA ECHINACEA
HEMEROCALLIS X 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY
LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LILYTURF

TOTAL TURF AREA = +/- 39,800 SF



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Crescent Communities  
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J.W. Clay Boulevard  
Charlotte, NC

Preliminary Review

NOT FOR CONSTRUCTION

DESIGN DEVELOPMENT PRICING SET

PROJECT: 219006  
DATE: 01.06.2020

REVISIONS: \_\_\_\_\_ DATE: \_\_\_\_\_

DRAWN BY: BS  
CHECKED BY: JW/ML  
Planting Details

**Plant Schedule** 01  
Not to Scale

**LP2.00**

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