

GENERAL PLANTING NOTES:

1. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL MATERIAL QUANTITIES SHOWN ON THESE DRAWINGS BEFORE PRICING THE WORK.
2. PROVIDE PLANT MATERIALS TRUE TO SPECIES AND VARIETY COMPLYING WITH RECOMMENDATIONS OF "AMERICAN STANDARD FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERY MEN.
3. THE LANDSCAPE CONTRACTOR SHALL COMPLETELY WARRANTY ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR BEGINNING AT THE DATE OF SUBSTANTIAL COMPLETION. THE LANDSCAPE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE WARRANTY PERIOD (AS DIRECTED BY THE OWNER).
4. ANY PLANT MATERIAL WHICH DIES, TURNS BROWN OR DEFOLIATES (PRIOR TO DATE OF SUBSTANTIAL COMPLETION OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, SIZE AND MEETING ALL THE PLANT LIST SPECIFICATIONS.
5. LOCATE AND VERIFY ALL UTILITY LOCATIONS AND EXISTING STRUCTURES IN AND AROUND THE SITE PRIOR TO WORK. MAINTAIN EXISTING UTILITIES AND STRUCTURES AND PROTECT AGAINST DAMAGE DURING THE WORK.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO EXISTING UTILITIES, STRUCTURES, PAVING AND/OR WORK OF OTHER TRADES RESULTING FROM LANDSCAPE CONSTRUCTION.
7. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF DISEASES, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN-SCALD, INJURIES, ABRASIONS AND/OR DISFIGUREMENT.
8. WATER AND WATER TRANSPORTATION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
9. ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT AND THE OWNER BEFORE, DURING AND UNTIL DATE OF SUBSTANTIAL COMPLETION OF THE WORK.
10. ALL PLANTS MUST BE CONTAINER-GROWN (CONT.) OR BALLED AND BURLAPPED (B & B) AS INDICATED IN THE PLANT LIST.
11. ALL TREES MUST BE STRAIGHT TRUNKED, FULL HEADED AND MEET ALL REQUIREMENTS SPECIFIED.
12. AFTER BEING DUG AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION.
13. THE LANDSCAPE ARCHITECT WILL APPROVE THE STAKED LOCATION OF ALL PLANT MATERIAL PRIOR TO INSTALLATION.
14. ALL PLANTS AND PLANTING AREAS MUST BE COMPLETELY MULCHED AS SPECIFIED.
15. ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DRAWINGS.
16. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANTING (INCLUDING, BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, MOWING, ETC.) OF PLANTING AREAS AND LAWNS UNTIL DATE OF SUBSTANTIAL COMPLETION.

PLANTING SOIL MIX NOTES:

1. THE LANDSCAPE CONTRACTOR SHALL FURNISH TOPSOIL; TOPSOIL MUST BE APPROVED BY THE LANDSCAPE ARCHITECT. REFER TO SPECIFICATION SECTION 329000 FOR TOPSOIL REQUIREMENTS.
2. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANTING SOIL MIX.
3. THE PLANTING SOIL MIX MUST APPROVE BY THE LANDSCAPE ARCHITECT PRIOR TO ANY BACKFILLING.
4. THE TYPICAL PLANTING SOIL MIX FOR ON-GRADE PLANTINGS (TREES, SHRUBS & GROUND COVERS) SHALL CONSIST OF THE FOLLOWING UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
 - 60% TOPSOIL (AS SPECIFIED)
 - 40% PREPARED ADDITIVES (BY VOLUME AS FOLLOWS):
 - 2 PARTS HUMUS, PEAT, AND/OR NUTRIENT GRADE COMPOST
 - 1 PART SHREDDED AND PARTIALLY COMPOSTED PINE BARK (BARK PIECES 1/2 INCH MAXIMUM IN LENGTH)
 - COMMERCIAL FERTILIZER AS RECOMMENDED IN SOIL REPORT.
 - LIME AS RECOMMENDED IN SOIL REPORT.

CLEAN AND MULCH NOTES:

THE CONTRACTOR SHALL CLEAR AND GRUB ALL WEEDS, DEAD TREES, TREES ONE (1) INCH CALIPER OR LESS AND OTHER SELECT TREES UP TO FOUR (4) INCH CALIPER AS DETERMINED IN THE FIELD IN THE TREE SAVE AREAS INDICATED ON THE DRAWINGS. A 3 INCH MINIMUM LAYER OF SPECIFIED MULCH SHALL BE SPREAD OVER THE ENTIRE CLEARED AREA. THE CONTRACTOR WILL NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO START OF CLEAN AND MULCH WORK. THE LANDSCAPE ARCHITECT WILL VERIFY SCOPE OF WORK IN FIELD WITH THE CONTRACTOR PRIOR TO START OF WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND LEGAL DISPOSAL OF ALL DEBRIS FROM CLEAN-UP OPERATIONS FROM THE SITE.

ANNUAL COLOR AND PERENNIAL PLANTING NOTES:

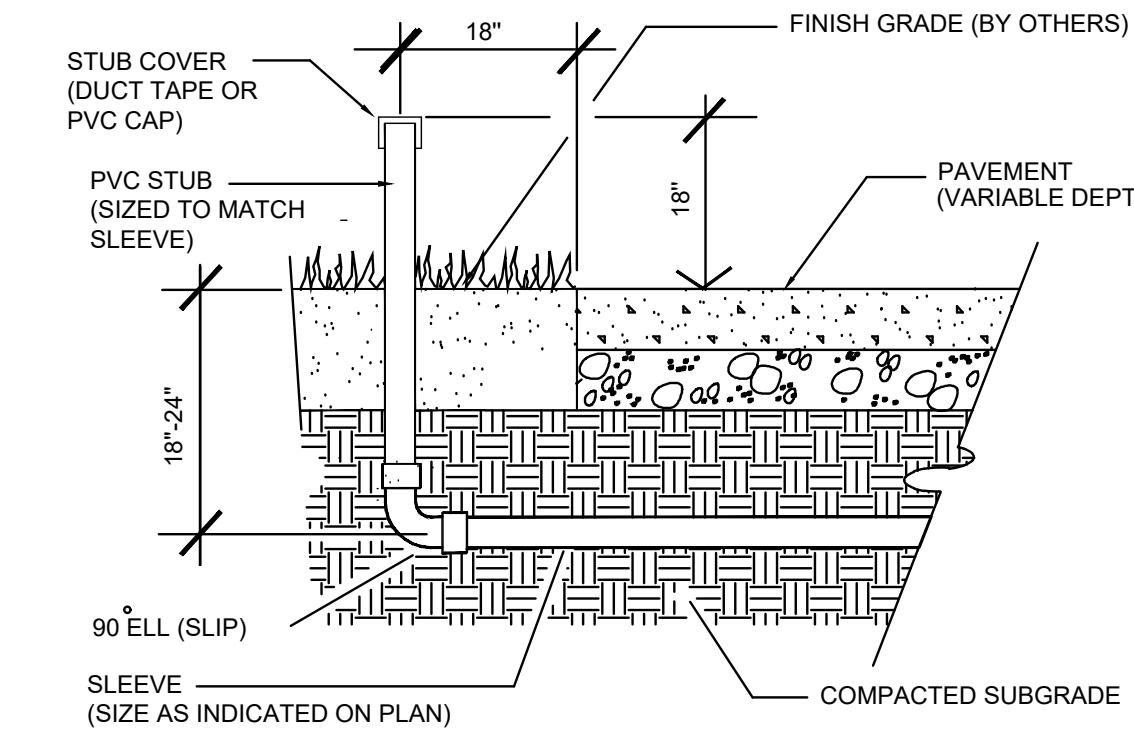
1. EXCAVATE BED TO A DEPTH OF 4 INCHES. REMOVE EXISTING SOIL FROM SITE. BREAK THROUGH "HARDPAN" AND REMOVE ALL STONE, ROOTS, DEBRIS, ETC.. ROTOTILL EXCAVATED BED AN ADDITIONAL 6-8 INCHES IN DEPTH.
2. SLOPE THE BASE OF THE BED TO THE TRENCH EDGE.
3. PREPARE PLANTING SOIL MIX CONSISTING OF TOPSOIL AND THE FOLLOWING SOIL AMENDMENTS BY VOLUME: REFER TO SPECIFICATION SECTION 329000 FOR TOPSOIL REQUIREMENTS.
 - 40 % TOPSOIL (AS SPECIFIED)
 - 25 % HUMUS
 - 15% CYPRESS MULCH (FINGERMAIL SIZED CHIPS - 1/4 INCH MAX.)
 - 5% STERILIZED COMPOSTED COW MANURE
 - 5% SAND (ANGULAR BUILDERS SAND) LIME AT A RATE OF 5 LBS. PER 50 SQ. FEET (ADJUST FOR ALKALINE SOILS)
4. ADD 6 INCHES OF PLANTING SOIL TO EXCAVATE BED & ROTOTILL INTO EXISTING SOIL.
5. PLACE ADDITIONAL PLANTING SOIL MIX TO RAISE ENTIRE BED 6 INCHES ABOVE FINISHED GRADE FOR SEASONAL COLOR AND 4 INCHES FOR PERENNIALS. IF SEASONAL BED FRONTS A SHRUB OR GROUND COVER BED, MATCH THAT BED'S HEIGHT & CONTINUE POSITIVE SLOPE TOWARD TRENCH EDGE.
6. ROTOTILL ENTIRE BED TO A DEPTH OF 12 INCHES.
7. EVENLY SPREAD FERTILIZER APPROPRIATE TO A VARIETY OF SEASONAL COLOR AT A MAXIMUM RATE OF 2.5 LBS. PER 100 SQ. FEET AND RAKE INTO TOP 3 INCHES OF SOIL.
8. PLANT SEASONAL COLOR AS SPECIFIED AND AT INDICATED SPACING SHOWN ON PLANS.
9. EDGE SEASONAL COLOR BED AND MULCH AS SPECIFIED.
10. WATER THOROUGHLY.

SITE IRRIGATION NOTES:

1. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THERE ARE OTHER ACTIVE UTILITIES AND SERVICES IN AND AROUND THIS SITE. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING THESE TO AVOID DAMAGE TO THEM.
2. THE CONTRACTOR SHALL MAKE ANY NECESSARY ADJUSTMENTS IN THE PROPOSED IRRIGATION SYSTEM TO AVOID DAMAGE TO EXISTING STRUCTURES, PAVING AND UTILITIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES, STRUCTURES, PAVING, OR OTHER CONSTRUCTION RESULTING FROM IRRIGATION CONSTRUCTION.
4. THE CONTRACTOR SHALL COMPLY WITH ALL CODES, ORDINANCES AND REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
5. ALL WORK ADJUSTMENTS, AND INSPECTIONS SHALL BE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS AND LABOR TO FULLY EXECUTE AND GUARANTEE THE WORK AS REQUIRED. THE TOTAL WORK SHOWN ON THESE DRAWINGS SHALL BE IN ACCORDANCE WITH SPECIFICATIONS, AND ALSO AS PER INSTRUCTIONS OF THE LANDSCAPE ARCHITECT, AND THE OWNER.
7. THE CONTRACTOR SHALL VERIFY ALL QUANTITIES TO ASSURE ADEQUATE INSTALLATION OF THE SYSTEM.
8. THE LOCATION OF THE CONTROL CLOCKS ARE GENERALLY INDICATED ON THE DRAWINGS AND WILL BE SPECIFICALLY LOCATED ON SITE BY THE LANDSCAPE ARCHITECT OR THE OWNER.
9. LINE LOCATIONS INDICATED ON THE DRAWINGS ARE SCHEMATIC. THE CONTRACTOR SHALL LOCATE ALL LINES IN SUCH A WAY AS TO CAUSE THE LEAST CONFLICT WITH THE LOCATION OF PROPOSED PLANT MATERIALS AND OTHER SITE IMPROVEMENTS.
10. ALL MAIN LINES SHALL BE INSTALLED A MAXIMUM OF 2 FEET FROM THE BACK OF CURB WHERE POSSIBLE. LATERAL LINES SHALL BE INSTALLED LIKEWISE WHERE POSSIBLE.
11. THE CONTRACTOR SHALL ADJUST THE RADIUS AND ARC OF EACH HEAD TO MINIMIZE "OVERTHROW" AND TO ELIMINATE "DRY SPOTS".
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPLY AND INSTALLATION OF ADDITIONAL HEADS NEEDED TO COVER "DRY SPOTS". THE LOCATION AND ARRANGEMENT OF THESE HEADS SHALL BE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT.
13. ALL VALVE BOXES ARE TO BE LOCATED IN PLANT BEDS OR NATURAL AREAS WHENEVER POSSIBLE. EXCEPTIONS WILL BE ALLOWED IF THERE IS NO SUCH AREA WITHIN A 40' RADIUS OF THE DESIGNATED CONTROL VALVE LOCATION. NO MORE THAN TWO VALVE BOXES ARE TO BE LOCATED IN ONE SPECIFIC AREA.
14. THE ELECTRICAL SERVICE WILL BE STUBBED OUT AT THE CONTROL CLOCK LOCATION BY THE OWNER. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL CONNECTIONS FROM THE PROVIDED 120 VAC SERVICE TO THE CONTROL CLOCK AND THE 24 VOLT WIRING TO THE CONTROL VALVE.
15. EACH CONTROL CLOCK HAS STATIONS THAT ARE NOT BEING UTILIZED. FOR EVERY VACANT STATION THERE IS TO BE A FIELD WIRE INSTALLED TO THE FURTHEST CONTROL VALVE LOCATION IN ANY ONE DIRECTION FROM THE CONTROL CLOCK. ONE SPARE WIRE SHALL BE INSTALLED IN CASE OF A FAULTY WIRE.
16. THE NEWLY INSTALLED COMPONENTS OF THE SYSTEM SHALL BE UNCONDITIONALLY GUARANTEED BY THE IRRIGATION CONTRACTOR AGAINST ALL DEFECTIVE WORK AND MATERIALS FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF SUBSTANTIAL COMPLETION.
17. THE CONTRACTOR SHALL BE RESPONSIBLE AT TIME OF COMPLETION FOR PROVIDING 'AS BUILT' DRAWINGS, TO INCLUDE LOCATION OF VALVES (AUTOMATIC, MANUAL, AND WIRE SPLICES) WITH TRIANGULATED MEASUREMENTS TO EACH, AS WELL AS ANY DEVIATION IN LOCATION OF PIPING.
18. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO HAVE ALL PLANTING AREAS LAID OUT BY THE LANDSCAPE ARCHITECT OR LANDSCAPE CONTRACTOR PRIOR TO INSTALLATION.

SLEEVING NOTES:

1. THE LOCATION OF SLEEVES, AS SHOWN ON THE DRAWINGS, ARE SCHEMATIC. SLEEVES SHALL BE STRAIGHT, LEVEL, AND THE SHORTEST LENGTH POSSIBLE. THE CONTRACTOR SHALL MAKE ANY ADJUSTMENT NECESSARY TO ACCOMMODATE EXISTING VEGETATION, UTILITIES, OR OTHER MAJOR CONSTRUCTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES, STRUCTURES, OR OTHER CONSTRUCTION RESULTING FROM INSTALLATION OF SLEEVES.
3. WHERE A JOINT BETWEEN PIPE SECTIONS IS NECESSARY, THE INSIDE DIAMETER OF THE PIPE SHALL NOT BE REDUCED.
4. SLEEVES SHALL BE INSTALLED AT A DEPTH OF AT LEAST 24 INCHES BELOW PAVEMENT SURFACE, AND NO DEEPER THAN 36 INCHES. END OF THE SLEEVE SHALL EXTEND 18 INCHES BEYOND CURB OR PAVEMENT EDGE (SEE DETAIL).
5. THE CONTRACTOR SHALL INSTALL A VERTICAL STUB THAT IS AT LEAST 18 INCHES ABOVE GRADE AT EACH END OF THE SLEEVE TO MARK ITS EXACT LOCATION. ONCE THE SLEEVE IS INSTALLED, THE CONTRACTOR SHALL INSTALL A TEMPORARY CAP ON EACH END OF THE SLEEVE TO MARK ITS EXACT LOCATION.
7. BACKFILL MATERIAL PLACED AROUND THE SLEEVES SHALL BE FREE OF ROCKS OR OTHER FOREIGN MATTER THAT MAY CAUSE DAMAGE TO THE PIPE. TRENCH BACKFILL SHALL BE THOROUGHLY COMPACTED SUCH THAT NO SETTLEMENT OF FINISHED GRADE OCCURS.
8. ANY MODIFICATIONS TO THE SLEEVING IS SUBJECT TO THE APPROVAL OF THE OWNER'S REPRESENTATIVE.
9. THE CONTRACTOR SHALL PROVIDE AN 'AS-BUILT' PLAN OF THE LOCATION OF ALL SLEEVES, PRIOR TO ACCEPTANCE OF THE WORK.
10. ALL SLEEVES SHALL BE CLASS 160 SOLVED WELD PVC PIPE OR SCHEDULE 80 PVC PIPE, AS PER THE SPECIFICATIONS. SLEEVE SIZES ARE SHOWN ON THE DRAWINGS.
11. ALL SLEEVES SHALL BE INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
12. THERE SHALL BE NO TURNS OR BENDS IN THE SLEEVES.
13. THE CONTRACTOR SHALL LOCATE AND UNCOVER THE ENDS OF ALL SLEEVES.



B SLEEVE INSTALLATION SECTION
IR-1 N.T.S. (FOR INFORMATION ONLY)

Quantity	Botanical Name	Common Name	Caliper	Height	Spread	Root	Comment
3	Acer buergerianum Replaced With	Zelkova Maple	3-3.5"	46-12'	5'-6"	B&B	Single straight trunk; dense, uniform branching; single central leader
3	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	3"				
46	Hexopata "Dan Fenton" Replaced With	Dan Fenton American Holly	0.6-2"	0-1-0'	4-5'	B&B	Full to ground; dense foliage; straight, lightly pruned pyramidal form
16	Ilex x attenuata "Savannah" Replaced With	Savannah Holly		10' Hgt.			
14	Ilex x 'Nellie R. Stevens'	Nellie R. Stevens Holly	2.6-3"	8' Hgt.	4-6'	B&B	Full to ground; dense foliage; straight, lightly pruned pyramidal form
6	Juniperus virginiana "Brodia" Replaced With	Brodia Red Cedar	3.5-4.5"	10' Hgt.	6-6'	B&B	Full to ground; dense foliage; straight, lightly pruned pyramidal form
41	Magnolia virginiana "Sweet Thing" Replaced With	Sweet Thing Magnolia	4.5-6"	20-26'	20-26'	B&B	Multi-trunk; up to 10' self-ground; dense, well-pruned crown
11	Magnolia virginiana	Sweetbay Magnolia		6' Hgt.			
48	Quercus lyrata "Hopeville" Replaced With	Marquette Overcup Oak	3-3.5"	14-16'	7-8'	B&B	Single straight trunk; dense, uniform branching; single central leader
18	Ulmus americana "Princeton" Replaced With	Princeton Elm	3"				
4	Quercus nuttallii "Dehokense" Replaced With	Breese-way Nuttall Oak	3-3.5"	14-16'	7-8'	B&B	Single straight trunk; dense, uniform branching; single central leader
3	Quercus nuttallii	Nuttall Oak	3"				
8	Taxodium distichum "Shawnee Brave" Replaced With	Shawnee Brave Bald Cypress	3.5-4.5"	10-12'	5-6'	B&B	Single straight trunk; dense, uniform branching; single central leader
8	Cedrus deodara	Brodia Cedar	2.6-3"	12' Hgt.			
6	Ulmus americana "Creole Queen" Replaced With	Creole Queen American Elm	2.5-3"	16-18'	7-8'	B&B	Single straight trunk; dense branching begins above 6'; central leader
6	Ulmus americana "Princeton" Replaced With	Princeton Elm	3"				
440	Abelia x grandiflora "Kaleidoscope" Replaced With	Kaleidoscope Abelia		15-18"	15-18"	3 gal	Densely pruned form; healthy color; well rooted in pot
430	Abelia x grandiflora "Rose Creek" Replaced With	Rose Creek Abelia					
240	Clerodendron alternifolium "Hummingbird" Replaced With	Hummingbird Salvia	1.5-2"	15-18"	15-18"	3 gal	Dense branching; well rooted in pot; self-supporting stems
210	Muhlenbergia capillaris "White Cloud" Replaced With	White Cloud Muhlenbergia					
64	Cyrtia racemiflora "Mississippi Queen" Replaced With	Mississippi Queen Cyrtia	24-30"	18-24"	18-24"	3 gal	Densely pruned form; healthy color; well rooted in pot
33	Hydrangea paniculata "Limelight" Replaced With	Limelight Hydrangea	1.5-1.8"	18-24"	18-24"	3 gal	Dense branching; well rooted in pot; self-supporting stems
22	Fothergilla x intermedia "Mt. Airy" Replaced With	Mt. Airy Fothergilla	18-24"	15-18"	15-18"	3 gal	Dense branching; well rooted in pot; self-supporting stems
198	Hex vomitoria "Comdeau" Replaced With	Bordeaux Yucca Holly	0.4-2"	12-15"	12-15"	3 gal	Densely pruned form; healthy color; well rooted in pot
198	Hex vomitoria "Nana" Replaced With	Nana Yucca Holly	24-30"	18-24"	18-24"	3 gal	Densely pruned form; healthy color; well rooted in pot
5-5	Illicium parviflorum	Crimson Fire Loropetalum	12-15"	18-24"	18-24"	3 gal	Densely pruned form; healthy color; well rooted in pot
32	Loropetalum chinense "PILL-C-1" Replaced With	PILL-C-1 Loropetalum	18-24"	18-24"	18-24"	3 gal	Densely pruned form; healthy color; well rooted in pot
494	Myrica caroliniana "Dan's Dwarf" Replaced With	Dan's Dwarf Waxmyrtle	18-24"	18-24"	18-24"	3 gal	Densely pruned form; healthy color; well rooted in pot
494	Ligustrum sinense "Sunshine" PP20379 Replaced With	Sunshine Ligustrum					
20	Viburnum nudum "Winterthur" Replaced With	Winterthur Viburnum	1.5-1.8"	15-18"	15-18"	3 gal	Dense branching; well rooted in pot; self-supporting stems
20	Viburnum plicatum f. tomentosum Replaced With	Donnell's Viburnum					
224	Viburnum cleyanum "Mrs. Schiller" Delight Replaced With	Mrs. Schiller's Delight Viburnum	1.5-1.8"	15-18"	15-18"	3 gal	Densely pruned form; healthy color; well rooted in pot
331	Distylium "Vintage Jade" PP23 Replaced With	Vintage Jade Distylium					
5207	Liriodendron spicata	Creeeping Lilyurf					4" pot (1 pint) Full in pot; good color, dense foliage mass
1364	Orchidopspon japonicus	Mounds Grass					4" pot (1 pint) Full in pot; good color, dense foliage mass
713	Trachelospermum asiaticum	Asiatic Jasmine					4" pot (1 pint) Full in pot; 3 runners min., each 9" min. in length
133	Muhlenbergia capillaris	Pink Muhly Grass					1.5 gal Full in pot; well rooted; dense clump
510	Spartina baketii	Sand Cordgrass					1 gal Full in pot; well rooted; dense clump

A PLANT SCHEDULE
LS-3 SCALE: N.T.S.

HARDWOOD MULCH TAKEOFF		
Area	Thickness	Cubic Feet
1461.47	0.25	365.37
367.56	0.25	91.89
253.72	0.25	63.43
510	0.25	127.50
6632.19	0.25	1658.05
479	0.25	119.75
2655.03	0.25	663.76
1713.72	0.25	428.43
1848.91	0.25	462.23
90	0.25	22.50
4849.09	0.25	1212.27
270	0.25	67.50
784.67	0.25	196.17
2488.88	0.25	622.22
1032.63	0.25	258.16
3088.13	0.25	772.03
3873.84	0.25	968.46
941.91	0.25	235.48
434.97	0.25	108.74
429.3	0.25	107.33
531.91	0.25	132.98
		Total Cubic Feet 8909.23
		Total Cubic Yards w/15% Waste 379.47

BUILDING PERMIT	11/04/2022
NO. REVISIONS / SUBMISSIONS	DATE

MACON-BIBB COUNTY AMPHITHEATER
3657 EISENHOWER PKWY
MACON, GA 31206

SHEET TITLE: LANDSCAPE IMPROVEMENT NOTES

SHEET NUMBER: LS-3

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