

PLANT SCHEDULE CURRENT

TREES	CODE	QTY	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	REMARKS	
	CCA	13	CERCIS CANADENSIS 'APPALACHIAN RED' / EASTERN REDBUD	B & B	2" CAL	6'-10" H		
SHRUBS	CODE	QTY	BOTANICAL NAME / COMMON NAME	CONT	MIN HEIGHT	MIN WIDTH	SPACING	REMARKS
	CAB	2	CAMELLIA SASANOUIA 'BONANZA' / BONANZA CAMELLIA	7 GAL			AS SHOWN	DENSE FOLIAGE, FULL FORM
	DBC	51	DISTYLUM X 'BLUE CASCADE' / DISTYLUM	3 GAL			+/- 3' OC	DENSE FOLIAGE, FULL FORM
	DSL	96	DISTYLUM X 'SWING LOW' / SWING LOW DISTYLUM	3 GAL	12"	16"	AS SHOWN	FULL, ADJUST SPACING PER PLANS
	IVS	106	ILEX VOMITORIA 'SCHILLINGS' / SCHILLINGS HOLLY	3 GAL				
	JPF	120	JUNIPERUS X PFITZERIANA 'AUREA IMPROVED' / GOLD COAST JUNIPER	3 GAL				DENSE FOLIAGE, FULL FORM
	LCS	80	LOROPETALUM CHINENSE 'SHANG-LO PURPLE PIXIE' / PURPLE PIXIE LOROPETALUM	3 GAL				
	MCA	55	MUHLENBERGIA CAPILLARIS / PINK MUHLY	3 GAL			3' OC	

8,230 SF LANDSCAPE BED AMENDED SOIL AND DOUBLE HAMMERED HARDWOOD MULCH TO 4"

*PER FAA RESTRICTIONS, TREE SPECIES SELECTED DUE TO LOWER OVERALL HEIGHT. NO PLANTING TO OCCUR WITHIN 50' OF THE SECURE FENCE.

TREE PLANTING & PRESERVATION REQUIREMENTS:

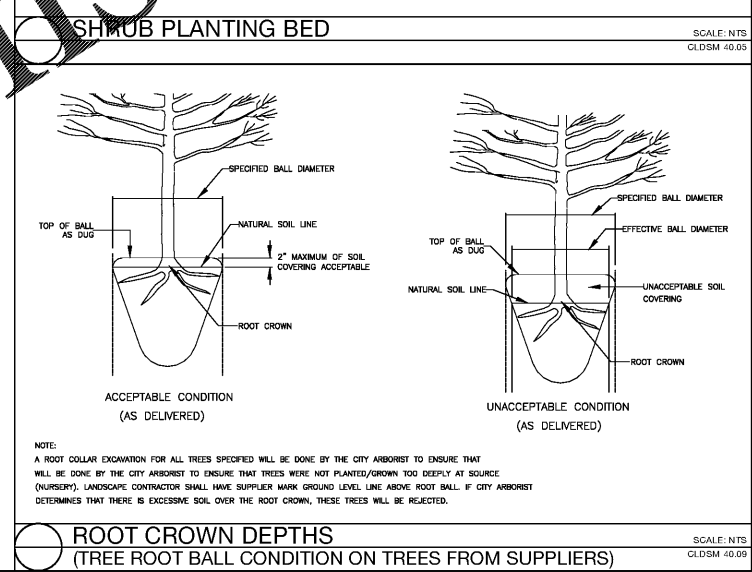
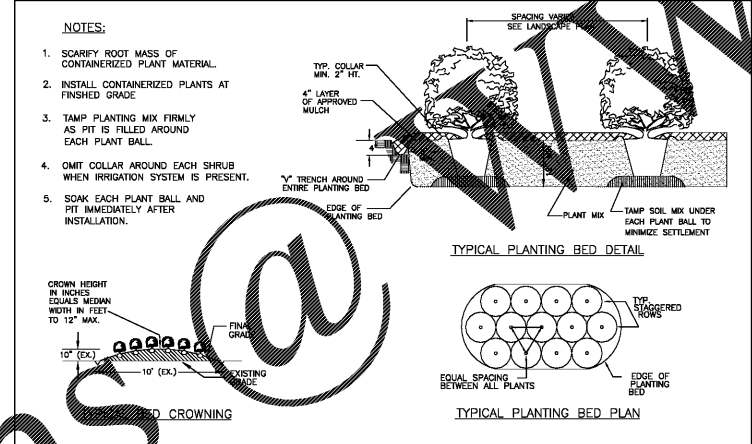
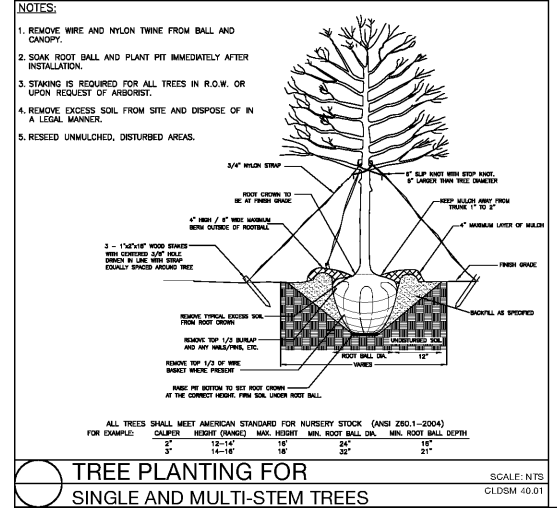
- PLANT MATERIAL**
- MINIMUM TREE SIZE AT PLANTING IS 2" CALIPER AND 8' TALL FOR SINGLE-STEM TREES. ALL MULTI-STEM PLANTS MUST BE TREE FORM. 1.5. MINIMUM TREE SIZE AT PLANTING IS 2-INCH CALIPER (FOR SINGLE STEM TREES). ALL MULTI-STEM PLANTS MUST BE TREE FORM, MAXIMUM 3 TO 5 TRUNKS, AND MINIMUM 10' TALL. WHERE 3" SINGLE-STEM TREES ARE SPECIFIED/REQUIRED THE MINIMUM HEIGHT SHALL BE 10' TALL. IF MULTI-STEM TREES ARE SPECIFIED THEN THEY SHALL BE A MINIMUM OF 12' TALL. ALL NEW TREES MUST HAVE STRAIGHT TRUNKS WITH STRONG CENTRAL LEADERS INTACT TO THE TOP OF THE CROWN UNLESS MULTI-STEM TREES ARE SPECIFIED. ALL REQUIRED TREES SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY, HAVE NORMAL GROWTH HABITS, HAVE WELL-DEVELOPED BRANCHES, BE VIGOROUS AND HAVE FIBROUS ROOT SYSTEMS. TREES WITH MAJOR GIRDLING ROOTS WILL NOT BE ACCEPTED. TREES WITH CO-DOMINANT BRANCHING WILL NOT BE ACCEPTED. TREES THAT HAVE BEEN SHEARED, TOPPED OR CUT BACK TO MULTIPLY THE BRANCHING STRUCTURE WILL NOT BE ACCEPTED. TREES SHALL BE FREE OF ABRASIONS, DAMAGE, DISEASE, PESTS AND CRACKS. ALL PRUNING CUTS GREATER THAN 1/4 INCH DIAMETER SHALL HAVE CALLUS TISSUE FORMED PRIOR TO PLANTING. NO PRUNING CUT ON THE TRUNK SHALL BE MORE THAN ONE-HALF THE DIAMETER OF THE CENTRAL LEADER AT THE HEIGHT WHERE THE CUT WAS MADE. ROOT FLARES SHALL BE LOCATED AT GRADE. TREES WITH MORE THAN 2" OF SOIL COVERING THE ROOT BALL/FLARE WILL NOT BE ACCEPTED (CLDS.40.09).
 - SIZE OF REQUIRED PLANTS, SPREAD OF ROOTS AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH ANSI Z60.1 (LATEST EDITION) AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION, EXCEPT WHERE SPECIFIED/AUTHORIZED BY URBAN FORESTRY.
 - ALL REQUIRED TREES OF A PARTICULAR SPECIES AND VARIETY SHALL BE UNIFORM IN SIZE AND CONFIGURATION.
 - PERIMETER TREES IN URBAN ZONES SHALL BE 3" IN CALIPER AND BE FREE OF BRANCHES UP TO 6' FROM THE TOP OF ROOT CROWN (BALL).
 - A MINIMUM OF 50% OF NEW TREES MUST BE NATIVE SPECIES, AND SITES WITH MORE THAN 20 TREES REQUIRED WILL HAVE TO INSTALL MULTIPLE (3 OR MORE) SPECIES PURSUANT TO THE TREE ORDINANCE GUIDELINES.
 - 75% OF REQUIRED TREES MUST BE LARGE MATURE SPECIES EXCEPT IN SITUATIONS WITH OVERHEAD POWER LINE CONFLICTS.
- PLANTING REQUIREMENTS MAXIMUM 3 TO 5 TRUNKS, AND MINIMUM 8 FEET TALL.**
- SEE CLDS 40.01 & 40.09 (ON PLAN) FOR DETAILED TREE PLANTING REQUIREMENTS.
 - PLASTIC HOSE PARTS WILL NOT BE ACCEPTED FOR TREE STAKING. SEE CLDS 40.01 FOR APPROVED STAKING METHOD/MATERIALS.
 - ALL STRAPPING, AND TOP 1/3 OF WIRE BASKET AND BURLAP MUST BE CUT AWAY AND REMOVED FROM ROOT BALL WHEN PLANTING.
 - FOR NEW PLANTING AREAS, REMOVE ALL PAVEMENT, GRAVEL SUB-BASE AND CONSTRUCTION DEBRIS; REMOVE COMPACTED SOIL AND ADD 18" NEW TOPSOIL, OR TILL AND AMEND THE TOP 18" OF EXISTING SOIL TO MEET TOPSOIL/PLANTING MIX STANDARDS FOR TREES (WITHIN ENTIRE MINIMUM AREA OF 274 SQUARE FEET).
 - TREES PLANTED ON PUBLIC PROPERTY WILL NEED APPROVAL FROM THE CITY ARBORIST AND/OR CDDOT.
 - REVIEW SOIL REQUIREMENTS IN THE TREE ORDINANCE GUIDELINES AT: [HTTP://CHARLOTTENC.GOV/LD](http://charlottenc.gov/ld) THEN CLICK TREES.
- UTILITY ISSUES**
- IF ANY UTILITY IS BEING INSTALLED IN OR NEAR ANY REQUIRED TREE(S) OR TREE SAVE AREA(S), CALL URBAN FORESTRY SPECIALIST TO RESOLVE PRIOR TO UTILITY INSTALLATION.
 - LARGE MATURING TREES MAY NOT BE PLANTED WITHIN 25' OF OVERHEAD POWER DISTRIBUTION OR TRANSMISSION LINES.
 - IF TREES CONFLICT WITH ANY UTILITIES OR SIGNS; CALL URBAN FORESTER TO RESOLVE BEFORE PLANTING.
 - ADJUST TREE PLANTING LOCATIONS TO AVOID EXISTING UNDERGROUND UTILITIES. PLANT 15' FROM ALL UNDERGROUND UTILITIES.
 - NO LIGHT POLES, UTILITIES OR TRANSFORMERS CAN BE INSTALLED IN TREE ISLANDS.
 - COMMERCIAL SCALE LIGHTING (> 15' IN HEIGHT) MUST BE A MINIMUM DISTANCE OF 30' FROM A TREE. PEDESTRIAN SCALE LIGHTING (<= 15' IN HEIGHT) MUST BE A MINIMUM DISTANCE OF 15' FROM A TREE. SHOW SITE LIGHTING ON LANDSCAPE PLAN.

- TREE SAVE AND PRESERVATION**
- TREE PROTECTION MUST BE INSTALLED AND VERIFIED BY URBAN FORESTRY PRIOR TO STARTING ANY CONSTRUCTION ACTIVITY.
 - SHOW TREE PROTECTION AND TREE SAVE AREAS ON EROSION CONTROL, GRADING AND LANDSCAPE PLAN SHEETS.
 - COMMERCIAL TREE SAVE AREAS MUST BE RECORDED ON A FINAL PLAT WITH THE MECKLENBURG COUNTY REGISTER OF DEEDS BEFORE URBAN FORESTRY HOLDS CAN BE RELEASED. A 10' NO BUILD ZONE AROUND TREE SAVE AREAS MUST BE REFERENCED ON THE PLAT.
 - TREE SAVE AREAS SHALL BE TREE OF INVASIVE PLANT SPECIES. IF AN AREA PROPOSED FOR TREE SAVE CONTAINS INVASIVE PLANT SPECIES AT TIME OF PROPOSAL, SUCH INVASIVE PLANT SPECIES SHALL BE REMOVED PRIOR TO FINAL CO.
 - THE AREA OF ANY EASEMENTS (WATER, SEWER, UTILITY, ETC.) CAN NOT BE COUNTED TOWARD THE TREE SAVE REQUIREMENT.
 - ANY ALTERATIONS TO TREE SAVE AREAS MUST BE ACCOMPLISHED WITHOUT MECHANIZED EQUIPMENT.
 - NO STRUCTURE WILL BE ALLOWED WITHIN 10' OF TREE SAVE AREAS UNLESS APPROVED BY URBAN FORESTRY.
 - ALL TREES ON PUBLIC PROPERTY ARE PROTECTED AND REMOVAL MUST BE PERMITTED BY THE CITY ARBORIST (704)336-4282.
 - CONTACT URBAN FORESTRY SPECIALIST PRIOR TO ANY CRANE SET-UP, MACHINERY OPERATION OR TEMPORARY BUILDING ERECTION THAT MAY IMPACT CHARLOTTE TREE ORDINANCE PROTECTED TREES OR TREE SAVE AREAS, INCLUDING TREES LOCATED IN STREET RIGHT OF WAY. IMPACTS MUST INCLUDE BUT NOT LIMITED TO: ENCRORACHING WITHIN TREE DRIP-LINES, EXCAVATION, SOIL COMPACTION, TREE TRIMMING, ERECTING AND DISMANTLING OF CONSTRUCTION CRANES.
- GENERAL**
- SUBMIT REQUIRED CO/HOLD RELEASE FORM AT [HTTP://CHARLOTTENC.GOV/LD](http://charlottenc.gov/ld) AT AN INTERVAL OF TREE PROTECTION/PLANTING AREAS, A MINIMUM OF 5 DAYS BEFORE THE CO RELEASE IS NEEDED.
 - VISIT CITY OF CHARLOTTE'S LAND DEVELOPMENT WEBSITE FOR ADDITIONAL INFORMATION AND URBAN FORESTRY REQUIREMENTS: [HTTP://CHARLOTTENC.GOV/LD](http://charlottenc.gov/ld) THEN CLICK TREES.

- TOPSOIL/PLANTING MIX - MINIMUM REQUIREMENTS:**
- WHERE PAVEMENT CUTOUPS ON RENOVATED SITES ARE REQUIRED AND WHERE NEW PLANTING STRIPS OR ISLANDS ARE REQUIRED, ALL PAVEMENT, CONSTRUCTION DEBRIS AND GRAVEL SUB-BASE MUST BE REMOVED BEFORE PREPARING SOIL AND PLANTING TREES. EXISTING COMPACTED SOIL MUST BE REMOVED AND REPLACED WITH 24" OF TOPSOIL/PLANTING MIX - EXISTING SOIL MUST BE UNCOMPACTED TO A DEPTH OF 24" AND AMENDED TO MEET TOPSOIL STANDARDS FOR THE ENTIRE PLANTING AREA.
 - SOIL IN ALL PLANTING STRIPS OR ISLANDS, WHETHER EXISTING OR NEW (ON NEW OR RENOVATED SITES), MUST MEET THE MINIMUM TOPSOIL/PLANTING MIX SPECIFICATIONS. SOIL AMENDMENTS OR FRESH TOPSOIL/PLANTING MIX ARE OFTEN REQUIRED AT SITES WHERE ORIGINAL TOPSOIL IS OF POOR QUALITY. ONLY COMPACTED TOPSOIL THAT HAS BEEN COMPLETELY REMOVED DURING GRADING.
 - TOPSOIL/PLANTING MIX SHOULD BE NATURAL, FERTILE, AND CULTURAL SOIL CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH THROUGHOUT, WITH ADMIXTURE OF SUBSOIL. IT SHOULD BE FREE OF STONES, LUMPS, LIVE PLANTS AND THEIR ROOTS, STICKS AND OTHER EXTRANEOUS MATTER. TOPSOIL SHOULD NOT BE USED WHILE IN A FROZEN OR MUDDY CONDITION.
 - TOPSOIL/PLANTING MIX SHALL HAVE AN AVAILABLE RANGE OF PH 5.5-7.0 AND THE FOLLOWING COMPOSITION:
 - CLAY (FINE CLAY) SHALL PULVERIZED TO MINIMUM 10% MAXIMUM 35%
 - COARSE SAND (SAND) MINIMUM 5% MAXIMUM 10%
 - SILT MINIMUM 30% MAXIMUM 45%
 - ORGANIC MATERIAL (FRESH) (0.5 TO 1.0 MM F) MINIMUM 30% MAXIMUM 45%
 - ORGANIC MATERIAL SUCH AS SAWDUST OR LEAF MOLD THAT HAS COMPLETED THE DECOMPOSITION PROCESS.

- PLANTING RECOMMENDATIONS:**
- PLANTING AREAS SHOULD BE TESTED FOR PROPER DRAINAGE. DRAINAGE SHOULD BE CORRECTED AS NECESSARY TO INSURE PROPER TREE GROWTH AND SURVIVAL. THE FOLLOWING LEVEL OF NUTRIENT ELEMENTS IS RECOMMENDED FOR PROPER GROWTH:
 - CALCIUM 55 - 80%
 - MAGNESIUM 10 - 30%
 - POTASSIUM 5 - 8%

NOTES:
 NOTES TO CONTRACTOR: IF GRAPHIC REPRESENTATION OF PLANTINGS ON PLANS DO NOT MATCH QUANTITIES IN PLANT SCHEDULE, GRAPHIC REPRESENTATION OF PLANTINGS WILL GOVERN.
 TREES NOT IN A LANDSCAPE BED SHALL RECEIVE A 4" DIAMETER MULCH RING.
 LIMITS OF IRRIGATION INCLUDE DENOTED LANDSCAPE BEDS.
 REFER TO CIVIL PLANS FOR SOD AND SEED LOCATION AND DETAILS.



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12.14.2018

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REVISIONS

DATE DECEMBER 7, 2018
 PROJECT NUMBER 9197-000

SHEET TITLE
LANDSCAPE NOTES & DETAILS

SHEET NUMBER
L-101

OPEN TO ALL PLANS @