

- TREE PLANTING REQUIREMENTS**
- Plant Material**
1. Minimum tree size at planting for large/medium maturing trees is 2.5" caliper and 8' tall for single-stem trees. All new trees must have straight trunks with strong central leaders intact to the top of the crown. 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 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 1/2 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 from will NOT be accepted.
 2. 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.
 3. All required trees of a particular species and variety shall be uniform in size and configuration.
 4. Street trees shall be planted at 35' spacing shall and be free of branches up to 6' from the top of root crown (ball).
 5. See planting details for detailed tree planting requirements.
 6. Plastic hose parts will NOT be accepted for tree staking. See tree detail for approved staking method/materials.
 7. All strapping and top 1/3 of wire basket and burlap must be cut away and removed from root ball when planting.
 8. For new planting areas, remove all pavement, gravel sub-base and construction debris; remove compacted soil and add 18" new topsoil, or fill and amend the top 18" of existing soil to meet topsoil/minimum standards for trees (within entire minimum area of 200 square feet per large tree, 150 square feet per medium tree, 100 square feet per small tree).
 9. Review soil requirements below in soil mix.
- Utility Issues**
1. If any utility is being installed in or near any required tree(s) or Tree Save Area(s), call Urban Forester to resolve prior to utility installation.
 2. Large maturing trees may not be planted within 25' of overhead power distribution or transmission lines.
 3. If trees conflict with power lines or signs, call Urban Forester to resolve BEFORE planting.
 4. Adjust tree planting locations to avoid underground utilities. Plant 15' from all underground utilities.
 5. No light poles, utility poles or transformers can be installed in tree islands.
 6. 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.
- GENERAL NOTES:**
1. CONTRACTOR RESPONSIBLE FOR ALL PLANTS SHOWN ON PLAN. QUANTITIES SHOWN FOR CONVENIENCE ONLY.
 2. SPACE PLANTS AS SHOWN ON PLAN OR IN PLANT LIST. ADJUST AS NECESSARY TO MEET EXISTING CONDITIONS.
 3. REPORT ANY DISCREPANCIES IN CONTRACT DOCUMENTS TO OWNERS REPRESENTATIVE.
 4. FOR NEW PLANTING AREAS, REMOVE ALL PAVEMENT, GRAVEL SUB-BASE, AND CONSTRUCTION DEBRIS BEFORE PREPARING SOIL AND PLANTING TREES AND/OR SHRUBS. EXISTING COMPACTED SOIL SHALL BE REMOVED TO A DEPTH OF 24" AND REPLACED WITH 24" OF TOPSOIL/PLANTING MIX OR EXISTING SOIL MAY BE UNCOMPACTED TO A DEPTH OF 24" AND AMENDED TO MEET TOPSOIL.
 5. ALL STRAPPING AND TOP 2/3 OF WIRE BASKET MUST BE CUT AWAY AND REMOVED FROM ROOT BALL PRIOR TO BACK FILLING.
 6. ANY SUBSTITUTIONS IN SIZE AND/OR PLANT MATERIAL MUST BE APPROVED BY THE OWNERS REPRESENTATIVE. ALL PLANTS WILL BE SUBJECT TO APPROVAL BY OWNERS REPRESENTATIVE BEFORE PLANTING CAN BEGIN.
 7. ALL PLANTS AND PLANTING AREAS TO BE MULCHED WITH CLEAN SHREDDED BARK TO A MINIMUM DEPTH OF 3". MULCH TREES TO 3'-0" BEYOND TRUNK MINIMUM AND TO BED LINES AS SHOWN. KEEP MULCH OFF THE TRUNKS OF TREES.
 8. ALL NON-PAVED PLANTING AREAS AND FIELDS TO RECEIVE PERMANENT SEEDING PER THE SEEDING SCHEDULE. SEE DETAIL SHEET L6.0.
 9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR/LANDSCAPER TO NOTIFY THE URBAN FORESTER OF ANY SITE CONFLICTS THAT AFFECT TREE SPECIES OR LOCATIONS PRIOR TO PLANTING TREES. CALL 704-517-5664 (MURAM CATTABRICA) FOR ANY CONFLICTS REGARDING SIGN, OVERHEAD POWER LINES OR OTHER UTILITIES.
 10. ADJUST TREE PLANTING LOCATIONS TO AVOID UNDERGROUND UTILITIES-PLANT 15'-0" OFF SEWER AND STORM DRAINAGE LINES AND 10'-15" OFF GAS, WATER, PHONE, AND UNDERGROUND ELECTRICAL LINES.
 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
 12. PROPOSED DEVELOPMENT SIGN TO BE PROVIDED AND PERMITTED BY DEVELOPER SEPARATE FROM THIS SUBMITTAL.

- SOIL MIX FOR PLANTINGS**
- TOPSOIL/PLANTING MIX—MINIMUM REQUIREMENTS:
- WHERE PAVEMENT CUTOUTS ON RENOVATED SITES ARE REQUIRED AND/OR 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-OR EXISTING SOIL MAY 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 NEEDED FOR PLANTING AREAS AT SITES WHERE ORIGINAL TOPSOIL IS OF POOR QUALITY, HEAVILY COMPACTED OR WHERE TOPSOIL HAS BEEN COMPLETELY REMOVED DURING GRADING.
- TOPSOIL/PLANTING MIX SHOULD BE NATURAL, FERTILE, AGRICULTURAL SOIL, CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH. IT SHOULD BE UNIFORM COMPOSITION 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 ACIDITY RANGE OF PH 5.5-7.0 AND THE FOLLOWING COMPOSITION:
- CLAY (RED CLAY, WELL PULVERIZED) MINIMUM 10%; MAXIMUM 35%
 - COMPOST*ORGANIC MINIMUM 5%; MAXIMUM 10%
 - SILT MINIMUM 30%; MAXIMUM 50%
 - COARSE SAND (FREE OF ROCKS, 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

- CONTRACTOR NOTE:**
- CONTRACTOR TO FILL GAPS IN SPACES WITH NEW SHRUBS BETWEEN EXISTING SHRUBS THAT HAVE GAPS. FINAL QUANTITY TO BE DETERMINED IN FIELD.

- NOTE:
- THIS SITE PLAN IS ONLY TO SHOW THE PROPOSED 55 FT X 24 FT NEW STRUCTURE TO BE BUILT ON THE EXISTING OPEN ASPHALT STOCK YARD.
 - THE IMPERVIOUS AREA WILL REMAIN UNCHANGED. ALL OTHER LABELS AND DATA IS TO SHOW THE EXISTING CONDITIONS

PLANT LIST:

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
TREES:					
QP	5	Quercus phellos	Willow Oak	2" caliper min., 8' ht.	B&B
SHRUBS:					
IC	28	Ilex cornuta 'Burfordii Nana'	Dwarf Burford Holly	24" min. ht & spread	4'-6" O.C.
MC	37	Myrica cerifera	Southern Wax Myrtle	24" min. ht & spread	6' O.C.

PREPARED FOR:



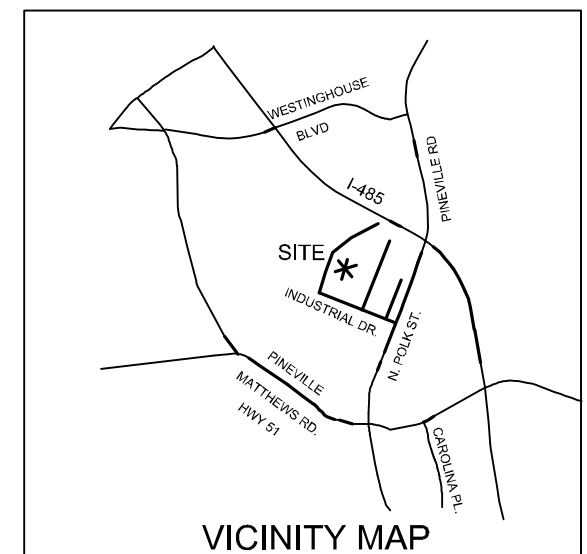
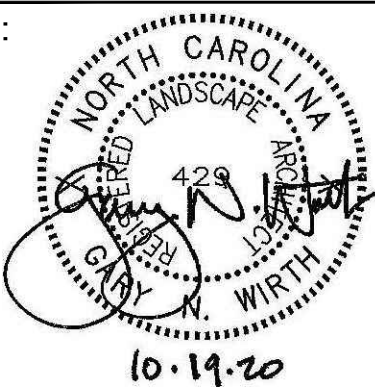
PROJECT:

The Building Center
10049 Industrial Drive
Pineville, NC

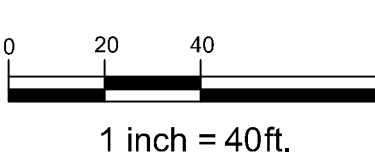
PREPARED BY:



SEAL:



SCALE



DRAWN BY: CKG
CHECKED BY: GNW
SCALE: 1"=40'
DATE: 10.19.2020

REVISIONS:

NO.	DATE	DESCRIPTION	BY:
1	11/20/20	City's Comments	CKG
2	12/14/20	City's Comments	CKG

SHEET TITLE:

LANDSCAPE PLAN

SHEET NO.:

L100