FURNISH AND INSTALL AN IRRIGATION SYSTEM WHICH INCLUDES A BACKFLOW PREVENTION DEVICE AND IS SEPARATELY METERED

LANDSCAPE LEGEND

Deciduous Tree –Type 'A'

Deciduous Tree –Type 'B'

Deciduous Tree –Type 'C'

Evergreen Tree

Evergreen shrub –Type 'E'

Evergreen shrub –Type 'F'

Sod
See specifications

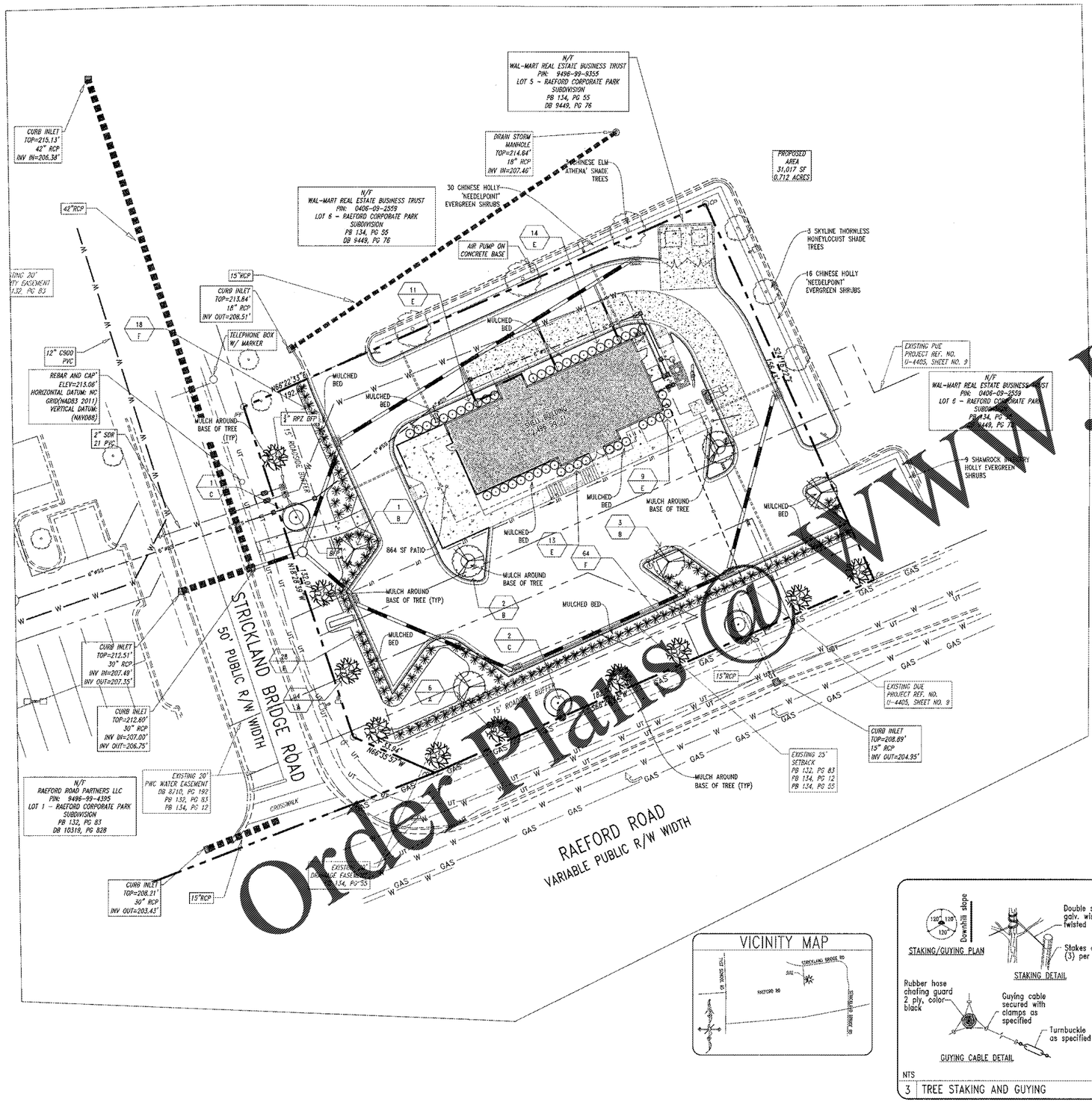
Quantity – 3
Type – D

GENERAL IRRIGATION NOTES

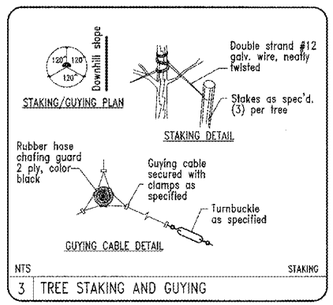
1. *Contractor to provide design drawings for approval prior to installation.*
2. *Irrigation to extend from property lines to back of city sidewalks and / or curbs.*
3. *Install 1 1/2" dia. PVC pipe sleeves where irrigations lines cross or are under pavement.*

PLANT LIST

QUANTITY	KEY	BOTANICAL/COMMON NAME	SIZE	ROOT TYPE	REMARKS
10	A	Pistache chinesis	2" CALIPER		6' HEIGHT
		Chinese Pistache			
6	B	Ulmus parvifolia	2" CALIPER		6' HEIGHT
		Chinese Elm			
3	C	Acer Buergericanum	2" CALIPER		6' HEIGHT
		Tricant Maple			
47	E	Ilex cornuta 'Dwarf Burdford'	18"	3 GAL	
		Dwarf Burford Holly			
110	F	Abelia grandiflora		3 GAL	
		Glossy Abelia			



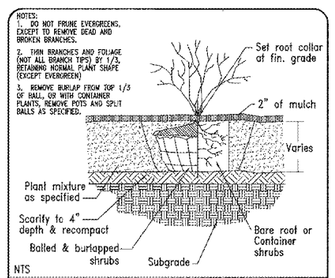
VICINITY MAP



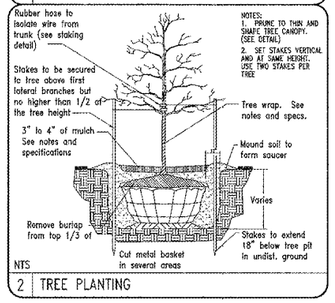
LANDSCAPE CALCULATIONS

REQUIRED	PROPOSED
REQUIRED SITE AND BUILDING LANDSCAPING 2 CANOPY TREES (AT LEAST ONE EVERGREEN TREE) PER ACRE 1 SHRUB PER 5 FEET OF OUTER BUILDING PERIMETER .7 ACRES = 2 CANOPY TREES 236 LF OF OUTER BUILDING = 47 SHRUBS	PROPOSED LANDSCAPING 2 CANOPY TREES 47 SHRUBS
REQUIRED VEHICULAR USE AREA LANDSCAPING 1 TREE FOR EVERY 12 PARKING SPACES 23 PARKING SPACES = 2 TREES	PROPOSED LANDSCAPING 4 CANOPY TREES
STREET YARD BUFFERS 35 SHRUBS PER 100 LINEAR FEET (NON EVERGREEN) 3 CANOPY TREES AND 1 UNDERSTORY TREE PER 100 LINEAR FEET RAEFORD RD – 133 LF = 64 SHRUBS, 6 CANOPY TREES AND 3 UNDERSTORY TREES STRICKLAND BRIDGE RD – 133 LF = 46 SHRUBS, 4 CANOPY TREES AND 1 UNDERSTORY TREE	PROPOSED LANDSCAPING RAEFORD RD – 64 SHRUBS, 6 CANOPY TREES AND 2 UNDERSTORY TREES STRICKLAND BRIDGE RD – 46 SHRUBS, 4 CANOPY TREES AND 1 UNDERSTORY TREE TOTAL TREES: 13 TOTAL SHRUBS: 110

NOTES:
1. DO NOT PRUNE EVERGREENS, EXCEPT TO REMOVE DEAD AND BROKEN BRANCHES.
2. THIN BRANCHES AND FOLIAGE (NOT ALL BRANCH TIPS) BY 1/3, RETAINING NORMAL PLANT SHAPE (EXCEPT EVERGREEN)
3. REMOVE BURLAP FROM TOP 1/3 OF BALL, OR WITH CONTAINER PLANTS, REMOVE POTS AND SPLIT BALLS AS SPECIFIED.



NOTES:
1. PRUNE TO THIN AND SHAPE TREE CANOPY. (SEE DETAIL)
2. SET STAKES VERTICAL AND AT SAME HEIGHT. USE TWO STAKES PER TREE



GENERAL LANDSCAPE NOTES

ANY DISTURBED AREAS NOT SCHEDULED FOR HARDSCAPE, PLANTINGS, OR MULCH SHALL BE SOD UNLESS OTHERWISE

2. NO PLANT SUBSTITUTIONS ARE PERMITTED WITHOUT WRITTEN APPROVAL OF THE OWNERS REPRESENTATIVE.
3. ALL PLANT AND BED LINE LOCATIONS SHALL BE STAKED IN THE FIELD AND APPROVED BY THE THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
4. ALL PLANTINGS SHALL BE INSTALLED WITH THE SPECIFIED LAYER OF MULCH. REFERENCE DETAILS AND SPECIFICATIONS FOR DEPTH AND TYPE OF MULCH. ALL TREES AND SHRUBS SHALL BE PLANTED IN MULCH BEDS AND SHALL BE SEPARATED FROM TURF GRASS AREAS.
5. GRASS COVERAGE TO EXTEND FROM PROPERTY LINES TO BACK OF CITY SIDEWALKS AND/OR CURBS.
6. MINIMUM TREE SIZE AT PLANTING IS 2" CALIPER (FOR SINGLE STEM TREES). ALL MULTI-STEM PLANTS MUST BE TREE FORM, MINIMUM 3 TO 5 TRUNKS, AND MINIMUM 8 FEET TALL.
7. ALL STRAPPING AND TOP 2/3 OF WIRE BASKET MUST BE CUT AWAY AND REMOVED FROM ROOT BALL PRIOR TO BACKFILLING PLANTING PIT. REMOVE TOP 1/3 OF THE BURLAP FROM ROOT BALL.
8. 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.
9. LARGE MATURING TREES MAY NOT BE PLANTED WHERE THERE ARE OVERHEAD DISTRIBUTION OR TRANSMISSION LINES. IF TREES CONFLICT WITH POWER LINES OR SIGNS, CALL URBAN FORESTER TO RESOLVE BEFORE PLANTING.
10. ADJUST TREE PLANTING LOCATIONS TO AVOID UNDERGROUND UTILITIES. PLANT 15' FROM ALL UNDERGROUND UTILITIES (SEWER AND STORM DRAINAGE, GAS, WATER, PHONE, AND ELECTRICAL LINES.)
11. ATTENTION LANDSCAPER: HOWDY OWNER OF ANY SIGN, POWER LINE, OR OTHER CONFLICTS BEFORE PLANTING NEW TREES.

LANDSCAPE NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING ALL REQUIRED LANDSCAPING FOR THIS ENTIRE SITE, TO INCLUDE BUT NOT LIMITED TO: SODDED/SEEDED AREAS, SHRUB BEDS, PARKING LOT ISLANDS, ROADSIDE BUFFER BASE(S) AND MONUMENT PLANTERS.
2. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES REGARDING LANDSCAPING.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH A HEALTHY STAND OF GRASS ON ALL SEEDED AREAS.
4. IN THE EVENT THAT PLANTING BEDS AND MULCH ARE REQUIRED, THE CONTRACTOR SHALL INSTALL BLACK FABRIC WEED BLOCK LANDSCAPE MESH UNDER THE MULCH TO PREVENT WEED GROWTH.
5. CONTRACTOR SHALL PROVIDE NATURAL TOPSOIL THAT IS FERTILE, FRIABLE, WITHOUT MIXTURE OF SUBSOIL. MATERIALS, AND OBTAINED FROM A WELL DRAINED, AVAILABLE SITE. IT SHALL NOT CONTAIN SUBSTANCES WHICH MAY BE HARMFUL TO PLANT GROWTH. TOPSOIL SHALL BE SCREENED AND FREE FROM CLAY LUMPS, STONES, ROOTS, PLANTS, OR SIMILAR SUBSTANCES 1" OR MORE IN DIAMETER, DEBRIS, OR OTHER OBJECTS WHICH MIGHT BE A HINDERANCE TO PLANTING OPERATIONS. TOPSOIL SHALL CONTAIN AT LEAST 4-6% ORGANIC MATTER BY WEIGHT AND HAVE A PH RANGE OF 5.5 TO 7.0.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR THE WATERING AND THE MAINTENANCE OF ALL LANDSCAPED AREAS UNTIL THE LATER OF; (a) THIRTY (30) DAYS FOLLOWING THE PLANTING OF THE GRASS AND SHRUBS, OR (b) THE DATE THAT OWNER OPENS FOR BUSINESS TO THE PUBLIC.
7. GENERAL CONTRACTOR IS TO CLEAN ENTIRE SITE OF ALL CONSTRUCTION DEBRIS AND RAKE ALL GRASS AREAS.
8. PROVIDE LANDSCAPE PLANS TO OWNER AND AS REQUIRED BY LOCAL JURISDICTION TO THE BLDG. DEPT. FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
9. ALL LANDSCAPING, TREES, SHRUBS, ETC. SHALL NOT INTERFERE WITH THE VISIBILITY OF SIGNAGE
10. CONTRACTOR TO VERIFY QUANTITIES PRIOR TO COMMENCING WORK.
11. OPEN AREAS WITHIN PLANTING BEDS SHALL BE MULCHED.

SOD/IRRIGATION NOTE

OPEN AREAS NOT NOTED FOR SHRUBS OR TREES TO BE SODDED. IRRIGATION TO EXTEND TO ALL OPEN AREAS OF THE SITE THAT CONTAIN LANDSCAPE MATERIAL. CONTRACTOR TO PROVIDE DESIGN/BUILD DRAWINGS OF THE IRRIGATION SYSTEM FOR APPROVAL PRIOR TO INSTALLATION.

FAYETTEVILLE LANDSCAPE NOTES

SHRUBBERY IS TO BE PLANTED AT LEAST 30' FROM CURBING AND FROM END OF PARKING SPACES TO PREVENT DAMAGE FROM CAR OVERSWING.

SHRUBS INSTALLED AS VEHICULAR USE SCREENING ARE TO BE MAINTAINED AT A MIN. HEIGHT OF 36"; MIN. INSTALLATION HEIGHT IS 24".

SITE LIGHTING PLANS REQUIRE LIGHTS TO BE A MIN. OF 15 FEET FROM TREES. ANY ADJUSTMENTS IN THE FIELD NEED TO COMPLY WITH THIS STANDARD AND BE APPROVED BY STAFF.

EACH TREE MUST BE PLANTED SUCH THAT THE ROOT FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. TREES WHERE THE ROOT FLARE IS NOT VISIBLE WILL BE REJECTED. DO NOT COVER THE ROOT FLARE WITH MULCH.

DO NOT PLACE MULCH IN CONTACT WITH THE TREE TRUNK. KEEP MULCH A MIN. OF 4 AWAY FROM THE TRUNK BASE.

ANY CHANGES TO THE PROPOSED PLANT SCHEDULE MUST BE APPROVED BY THE DESIGNER OF RECORD AND STAFF. IN CASES WHERE THE PLANT SCHEDULE ONLY INCLUDES THE PLANT TYPE AND DOES NOT INCLUDE THE PLANT SPECIES, THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT TO THE CITY FOR APPROVAL, A DETAILED PLANT SCHEDULE AND ASSOCIATED PLANTING PLAN PREPARED BY SOMEONE KNOWLEDGEABLE ABOUT PLANT MATERIAL AND DESIGN, PRIOR TO PROCEEDING WITH INSTALLATION.

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1 INCH = 20 FEET

TRIANGLE SITE DESIGN

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 24434 MATTHEW E. LOWDER 1/17/20

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STARBUCKS COFFEE

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Fayetteville, NC
Cumberland County

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REVISIONS			
No.	Date	Description	
1	10/16/19	REVISED PER CITY OF FAYETTEVILLE REVIEW	
2	10/30/19	REVISED PER CITY OF FAYETTEVILLE REVIEW AND ALL COMMENTS PROVIDED TO DATE	
3	12/30/19	REVISED PER FAYETTEVILLE PWC REVIEW	
4	1/17/20	REVISED PER STARBUCKS REVIEW	

Drawn
Checked
Approved

Project No. 009016
Date: November 1, 2019

Title
LANDSCAPE PLAN

Sheet No.
C1.8