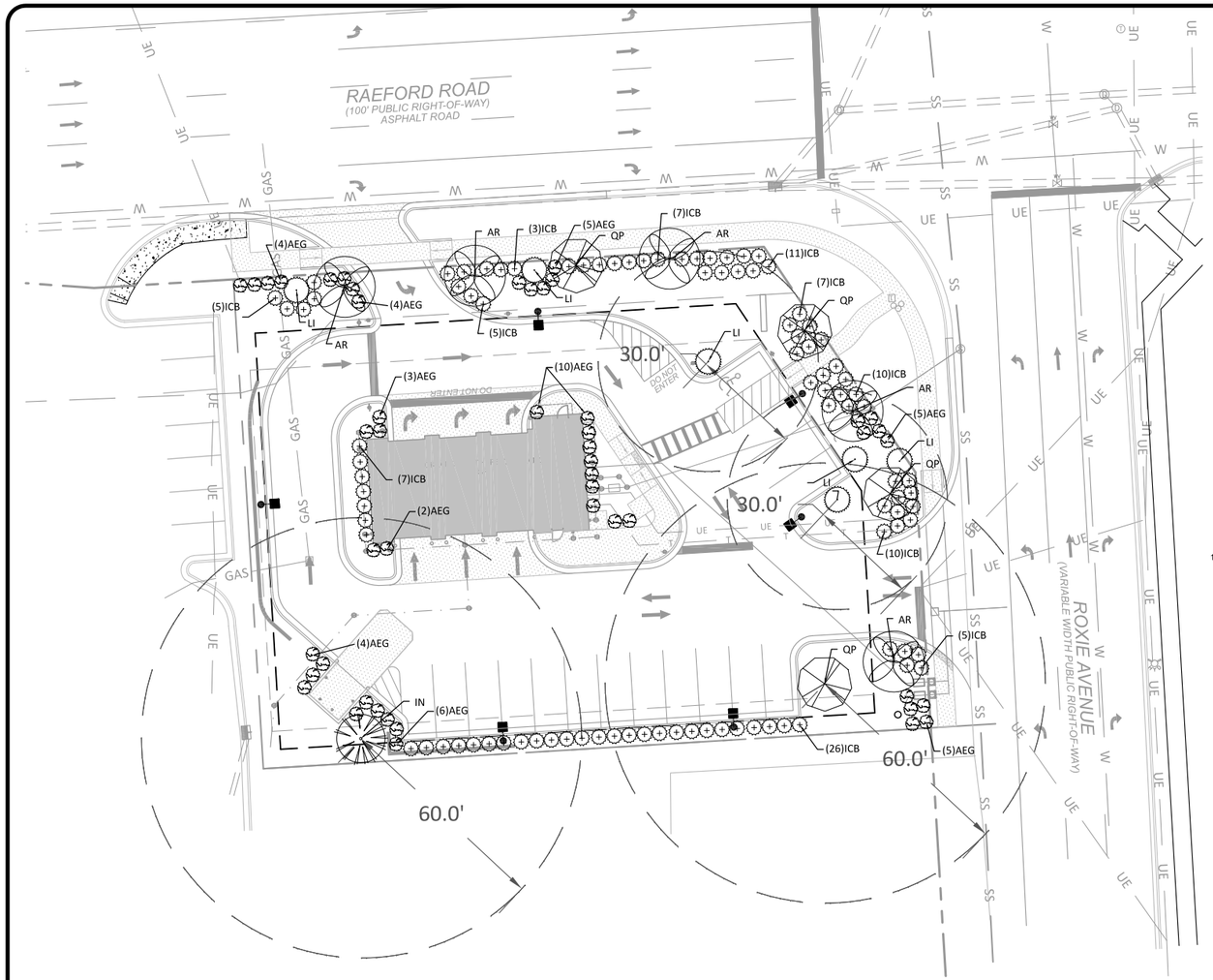
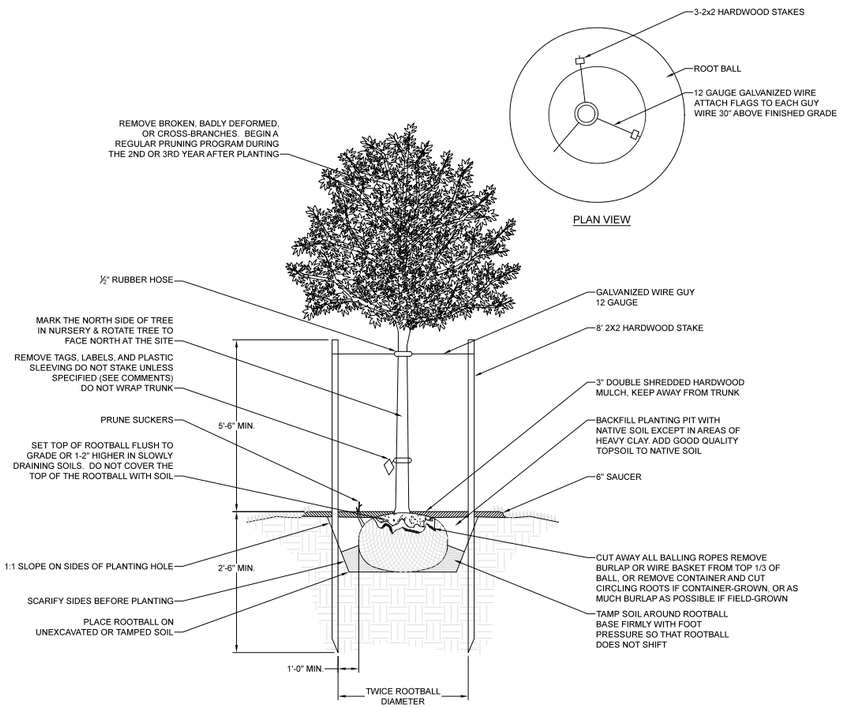
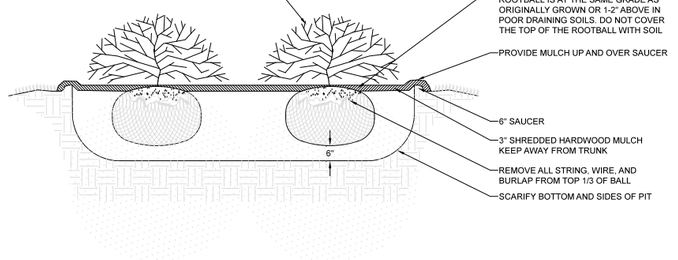




DECIDUOUS TREE PLANTING DETAIL-STAKING SPECIFIED
NO SCALE



SHRUB PLANTING DETAIL

LANDSCAPE CALCULATIONS

SITE AND BUILDING LANDSCAPING

TOTAL TREES REQUIRED: 2 CANOPY TREES (1 EVERGREEN) PER ACRE = 2 TREES
TOTAL SHRUBS REQUIRED: 1 SHRUB / 5LF BUILDING PERIMETER
(MINUS BUILDING OPENINGS) = 180 LF-70 LF/5 = 22 SHRUBS

TOTAL TREES PROVIDED: 1 WILLOW OAK
1 NELLIE STEVENS HOLLY

TOTAL SHRUBS PROVIDED: 15 GLOSSY ABELIA
7 BURFORD HOLLY

VEHICULAR USE AREA LANDSCAPING

TOTAL TREES REQUIRED: 1 TREE PER EVERY 12 SPACES (CANOPY TREE WITHIN 60' OF EACH SPACE OR
UNDERSTORY TREE WITHIN 30' OF EACH SPACE)
16 SPACES/12 = 1.25 = 2 TREES

TOTAL TREES PROVIDED: 2 WILLOW OAK
2 CRAPE MYRTLE

PERIMETER VEHICULAR USE AREA LANDSCAPING

TOTAL SHRUBS REQUIRED: CONTINUOUS VISUAL SCREEN OF EVERGREEN SHRUBS

TOTAL SHRUBS PROVIDED: 26 DWARF BURFORD HOLLY

PARKING LOT ENTRANCE AISLE AND STACKING LANE LANDSCAPING

TOTAL TREES REQUIRED: 1 CANOPY TREE PER 25-40 LF OF DRIVE OR 1 UNDERSTORY TREE PER 15-25 LF OF DRIVE
RAEFORD ROAD ENTRANCE - 37 LF / 40 = 0.93 = 1 CANOPY TREE
ROXIE AVENUE - 45 LF / 40 = 1.13 = 2 CANOPY TREES

TOTAL SHRUBS REQUIRED: 1 SHRUB / 5LF OF DRIVE
RAEFORD ROAD ENTRANCE - 37 LF / 5 = 7.4 = 8 SHRUBS
ROXIE AVENUE - 45 LF / 5 = 9 SHRUBS

TOTAL TREES PROVIDED: RAEFORD ROAD ENTRANCE - 1 RED MAPLE
ROXIE AVENUE ENTRANCE - 1 RED MAPLE
1 WILLOW OAK

TOTAL SHRUBS PROVIDED: RAEFORD ROAD ENTRANCE - 3 GLOSSY ABELIA
5 DWARF BURFORD HOLLY
ROXIE AVENUE ENTRANCE - 9 DWARF BURFORD HOLLY

LANDSCAPE CALCULATIONS (CONTINUED)

STREET YARD BUFFER - RAEFORD ROAD (15' STREET YARD)

TOTAL TREES REQUIRED: 3 CANOPY TREES AND 1 UNDERSTORY TREE PER 100 LF
145 LF - 20 LF (DRIVEWAY) / 100 x 3 = 3.75 = 4 CANOPY TREES
145 LF - 20 LF (DRIVEWAY) / 100 X 1 = 1.25 = 2 UNDERSTORY TREES

TOTAL SHRUBS REQUIRED: 35 SHRUB PER 100 LF (75% EVERGREEN)
145 LF - 20 LF (DRIVEWAY) / 100 X 35 = 43.75 = 44 SHRUBS

TOTAL TREES PROVIDED: 2 RED MAPLE
2 WILLOW OAK
2 CRAPE MYRTLE

TOTAL SHRUBS PROVIDED: 33 DWARF BURFORD HOLLY
11 GLOSSY ABELIA

STREET YARD BUFFER - ROXIE AVENUE (15' STREET YARD)

TOTAL TREES REQUIRED: 3 CANOPY TREES AND 1 UNDERSTORY TREE PER 100 LF
145 LF - 26 LF (DRIVEWAY) / 100 x 3 = 3.6 = 4 CANOPY TREES
145 LF - 26 LF (DRIVEWAY) / 100 X 1 = 1.2 = 2 UNDERSTORY TREES

TOTAL SHRUBS REQUIRED: 35 SHRUB PER 100 LF (75% EVERGREEN)
145 LF - 26 LF (DRIVEWAY) / 100 X 35 = 41.7 = 42 SHRUBS

TOTAL TREES PROVIDED: 2 RED MAPLE
2 WILLOW OAK
2 CRAPE MYRTLE

TOTAL SHRUBS PROVIDED: 32 DWARF BURFORD HOLLY
10 GLOSSY ABELIA

QUANTITY	SYM./KEY	BOTANICAL NAME	COMMON NAME	SPECIFICATION				
				CALIPER*	HEIGHT*	ROOT	SPACING	TYPE
4	QP	QUERCUS PHELLOS	WILLOW OAK	2" MIN.	10' - 12' MIN	B&B	25'-40' O.C.	CANOPY
5	AR	ACER RUBRUM	RED MAPLE	2" MIN.	10' - 12' MIN	B&B	25'-40' O.C.	CANOPY
1	IN	ILEX x 'NELLIE R. STEVENS'	NELLIE STEVENS HOLLY	-	10' MIN	B&B	25'-40' O.C.	EVERGREEN
6	LI	LAGERSTROEMIA INDICA	CRAPE MYRTLE	2" MIN.	10' - 12' MIN	B&B	15'-25- O.C.	UNDERSTORY
96	ICB	ILEX CORNUTA 'BURFORDII NANA'	DWARF BURFORD HOLLY		24" MIN	CONT.	3' O.C.	EVERGREEN SHRUB
48	AEG	ABELIA GRANDIFLORA	GLOSSY ABELIA		24" MIN	CONT.	3' O.C.	SHRUB

*NOTE: CALIPER AND HEIGHT OF TREES ARE A MINIMUM AT THE TIME OF INSTALLATION.

NORTH

20 0 10 20 40
SCALE: 1"=20'

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

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SAN ANTONIO, TX 87215

REVISIONS

STRICKLAND BROTHERS
10 MINUTE OIL CHANGE
3703 RAEFORD ROAD
FAYETTEVILLE, NC

LANDSCAPE PLAN

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 26471 JEREMY J. BECKETT
02/03/2023

PROJECT NO: ---
DESIGN BY: JJB
DRAWN BY: JJB
SCALE: 1"=20'
DATE: 2023-02-03
SHEET NO: L1.0