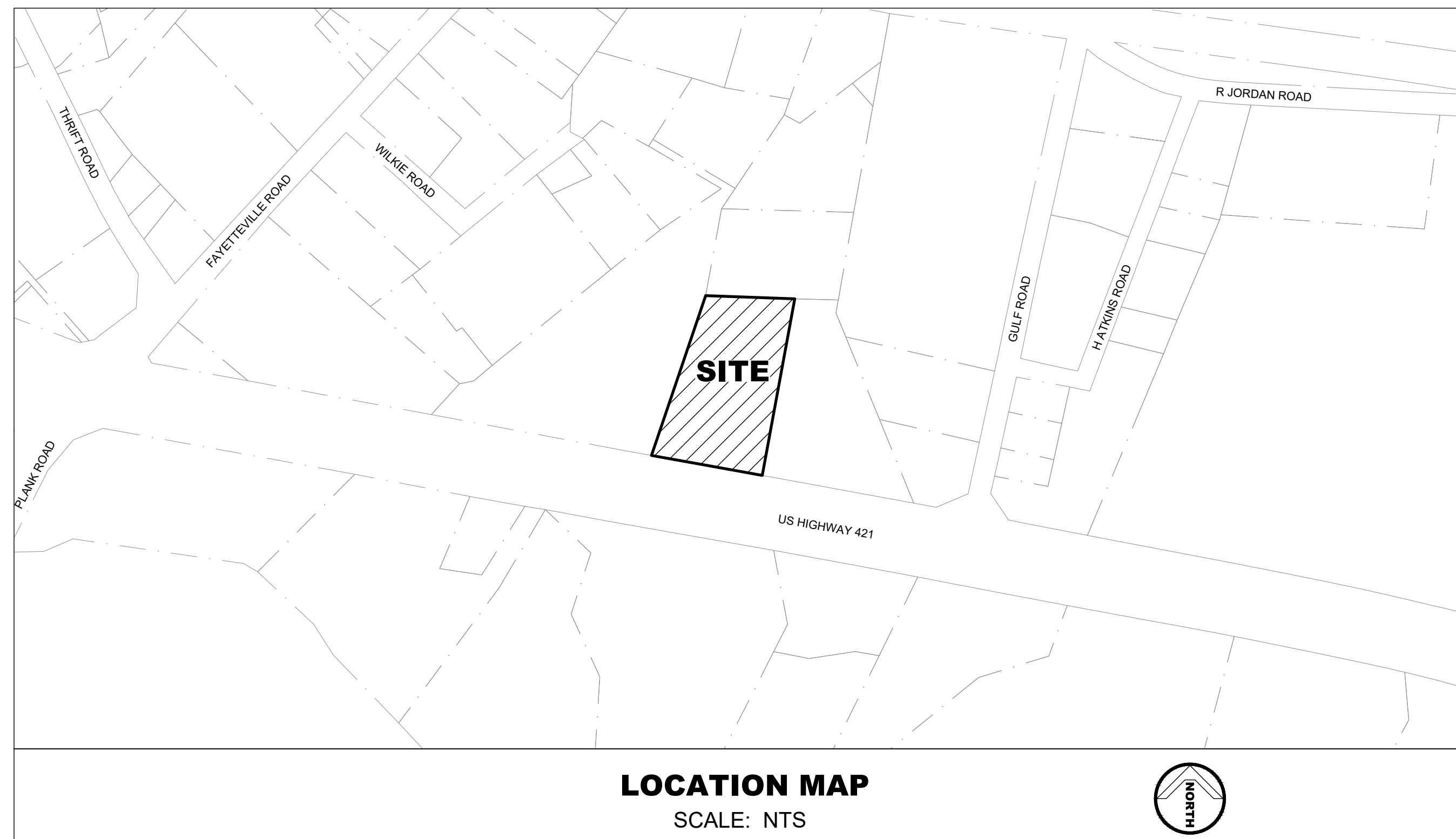


KNIGHT LANDSCAPING SUPPLY CONDITIONAL REZONING

AKPAR: 9808
14959 US 421 S
CHATHAM COUNTY, NORTH CAROLINA



PROVIDED FOR:

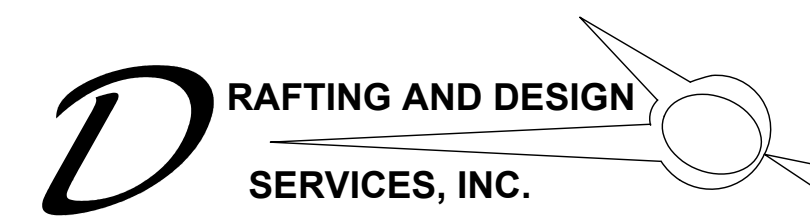
DARRYL KNIGHT
1949 PICKARD ROAD
SANFORD, NC 27330
PHONE: (919) 353-5888
EMAIL: KNIGHTSCONSTRUCTIONNC@GMAIL.COM

SHEET INDEX

- C1 COVER
- C2 EXISTING CONDITIONS
- C3 SITE PLAN
- C4 GRADING PLAN
- C5 LANDSCAPING PLAN

AUGUST 2023

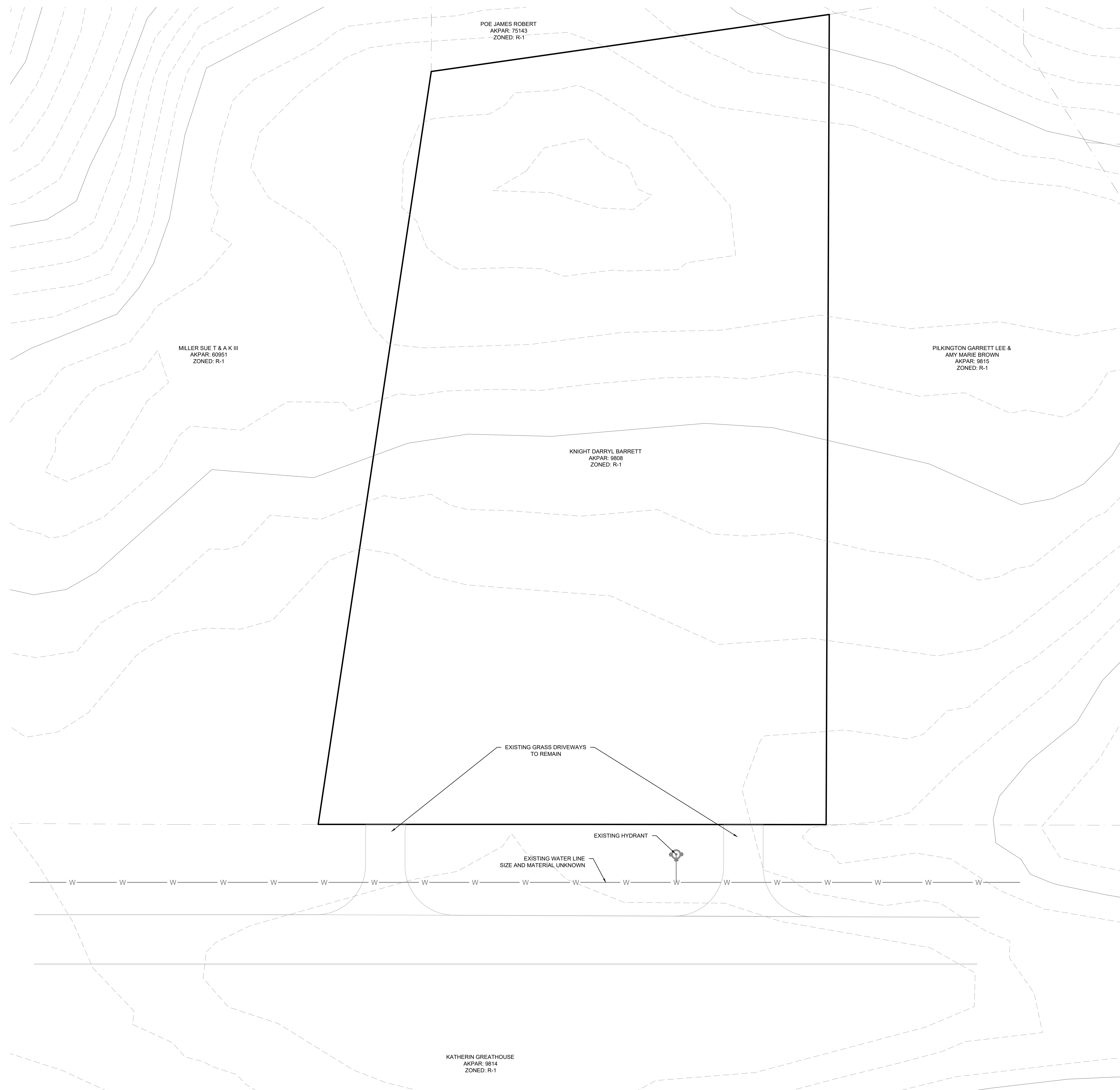
PLANS BY:



6728 CARBONTON ROAD
Sanford, North Carolina 27330
(919) 499-8759 phone
draftinganddesign@gmail.com

AGENCY REVIEW
NOT FOR CONSTRUCTION

project no. 2023-21



SITE DATA	
DEVELOPER	
1949 PICKARD ROAD SANFORD, NC 27330 CONTACT: DARRYL KNIGHT PHONE: (919) 353-8888	
PROPERTY INFO:	
DARRYL KNIGHT DB. 1957 PG. 0494 PIN #: 9615-00-67-5590 AREA: 3.0 AC +/- ZONING: R-1 REZONE TO: RB - C2 - REGIONAL BUSINESS (CONDITIONAL ZONING)	
PROPERTY SETBACKS	
FRONT = 50 FEET SIDE = 20 FEET REAR = 20 FEET HEIGHT = 30 FEET	
PARKING CALCULATION	
LANDSCAPING SUPPLY SALES/LANDSCAPING/GRADING/STORAGE OFFICE REQUIRED: 1 SPACE/200 SF X 600 SF = 3 SPACES TOTAL REQUIRED: 3 SPACES	
PROPOSED SITE TOTAL (INCLD. H.C.): 4 SPACES	
PROPOSED OUTDOOR STORAGE: 44 SPACES	
HANDICAP SPACES INCLD. IN TOTAL=1 SPACES	
PROPOSED BUILDING AREA = 600 +/- SQFT	
MAXIMUM IMPERVIOUS SURFACE RATIO CALCULATION	
TOTAL LOT AREA = 130,680 SF IMPERVIOUS AREA = 45,452 SF (35.0%) PERVIOUS AREA = 85,228 SF (65.0%)	

NOTES

- EXISTING CONDITIONS AS SHOWN ON THIS PLAN ARE CURRENT CONDITIONS AT THE COMPLETION OF THIS PLAN SET.
- CONTRACTOR TO VERIFY ALL PROPERTY CORNERS AND BOUNDARIES PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.



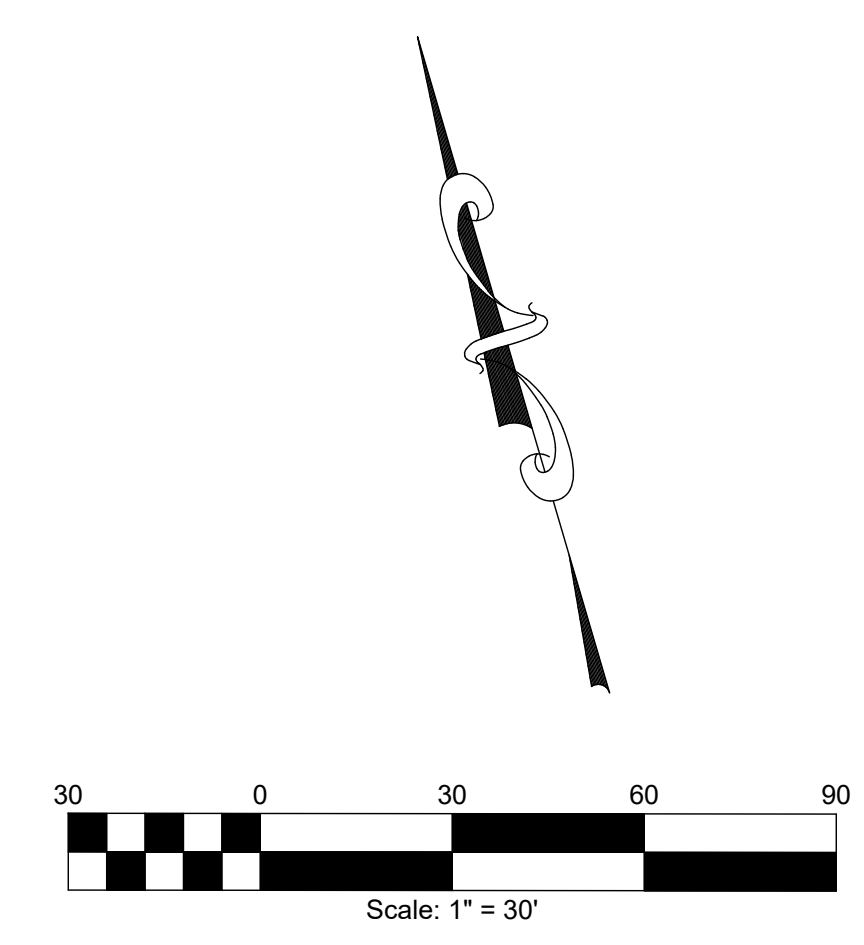
6728 CARBONTON ROAD
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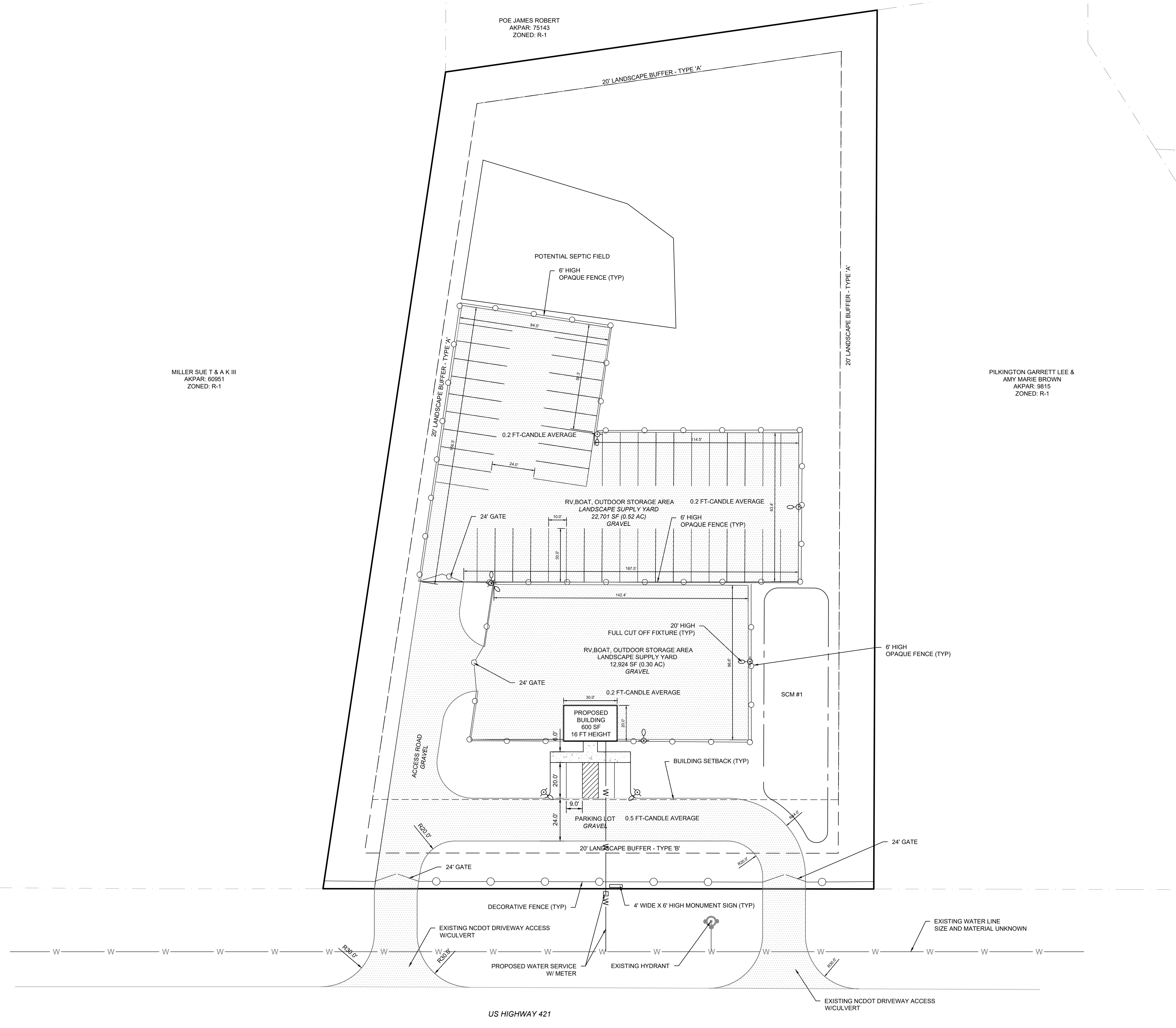
KNIGHT LANDSCAPE SUPPLY & STORAGE
14959 US HWY 421 S
GULF, CHATHAM COUNTY, NORTH CAROLINA
SITE EXISTING CONDITIONS PLAN

REVISIONS	

**AGENCY REVIEW
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Scale: 1"=30'	Drawn by: MTB
Sheet:	Designed by: MTB
C2 of 5	Reviewed by: MTB
Project Number: 2023-21	Date: AUG 2023





SITE DATA	
DEVELOPER	
1949 PICKARD ROAD SANFORD, NC 27330 CONTACT: DARRYL KNIGHT PHONE: (919) 353-5888	
PROPERTY INFO:	
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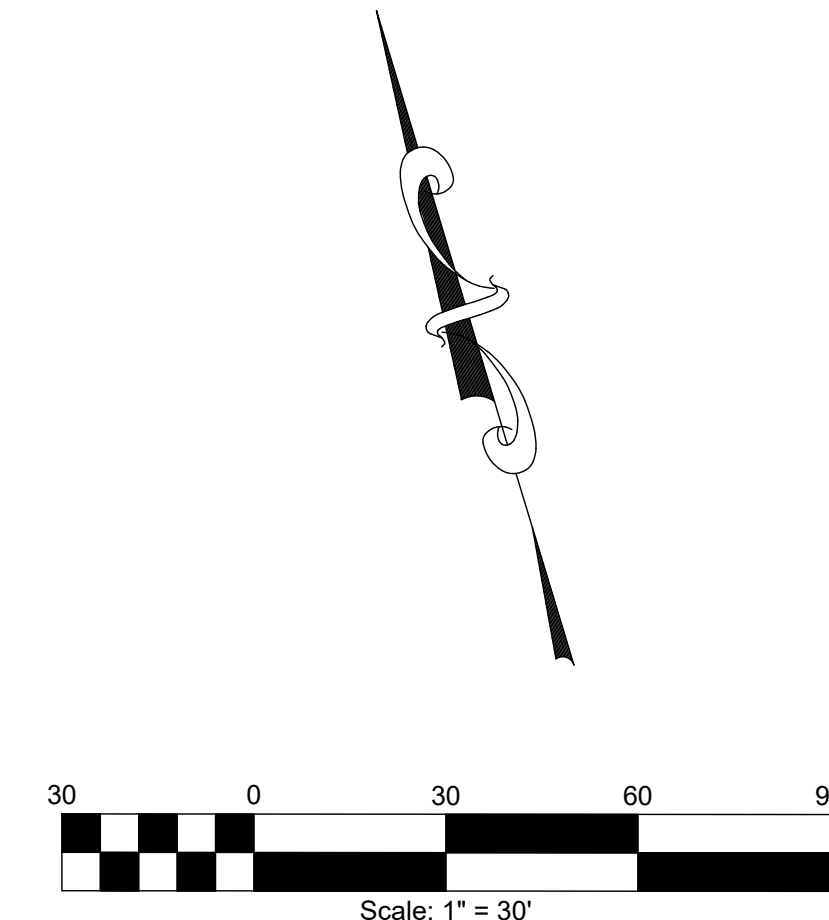
KNIGHT LANDSCAPE SUPPLY & STORAGE

**14959 US HWY 421 S
GULF, CHATHAM COUNTY, NORTH CAROLINA**

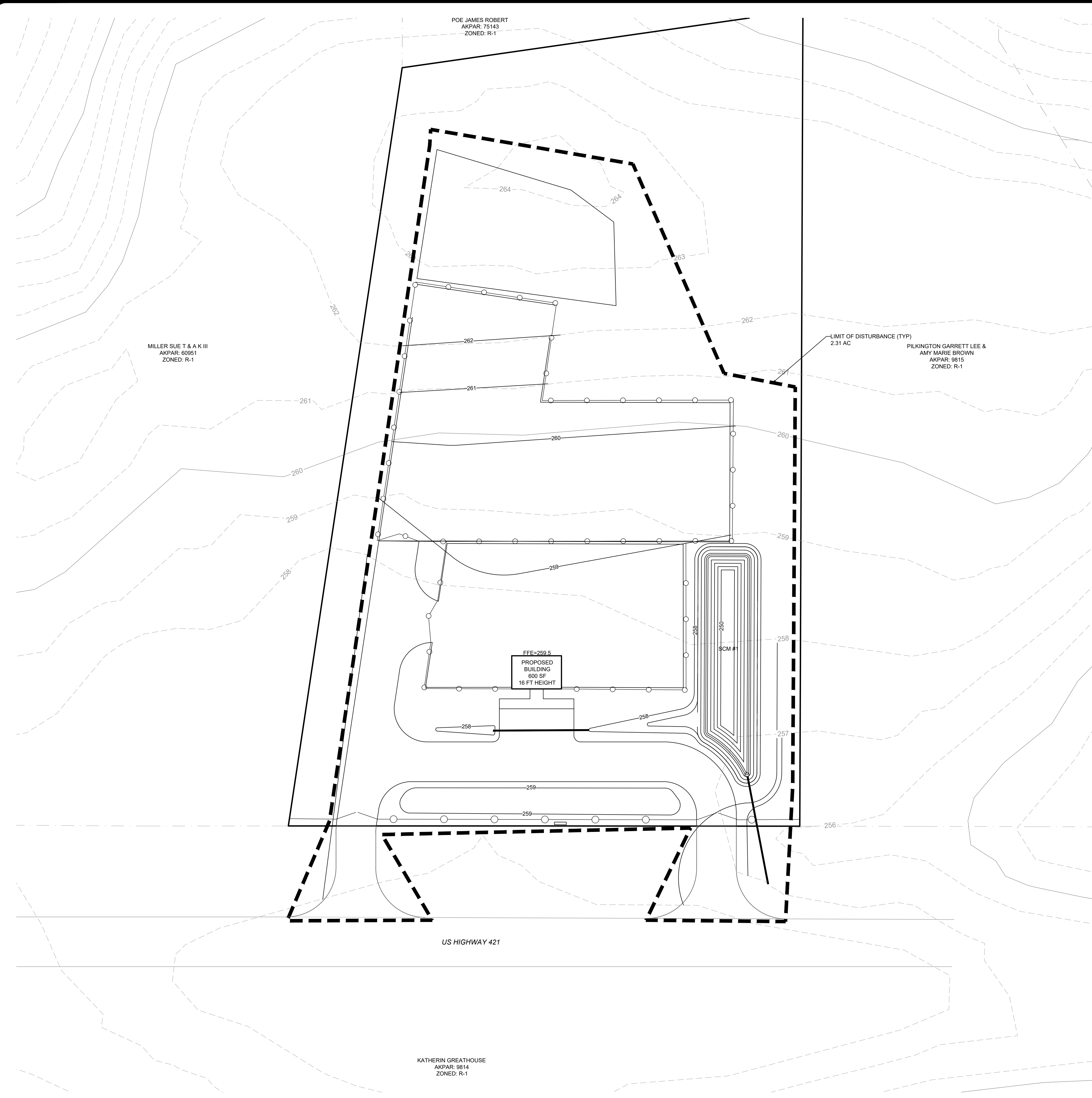
SITE STAKING PLAN

REVISIONS	

AGENCY REVIEW NOT FOR CONSTRUCTION	
Scale: 1"=30'	Drawn by: MTB
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C3 of 5	Reviewed by: MTB
	Date: AUG 2023
Project Number: 2023-21	



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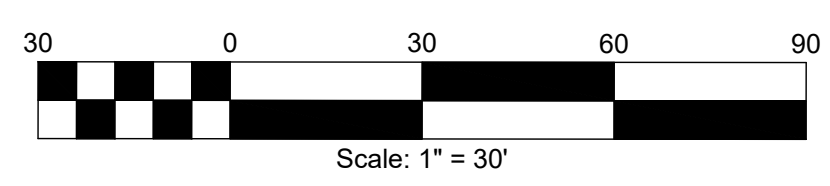
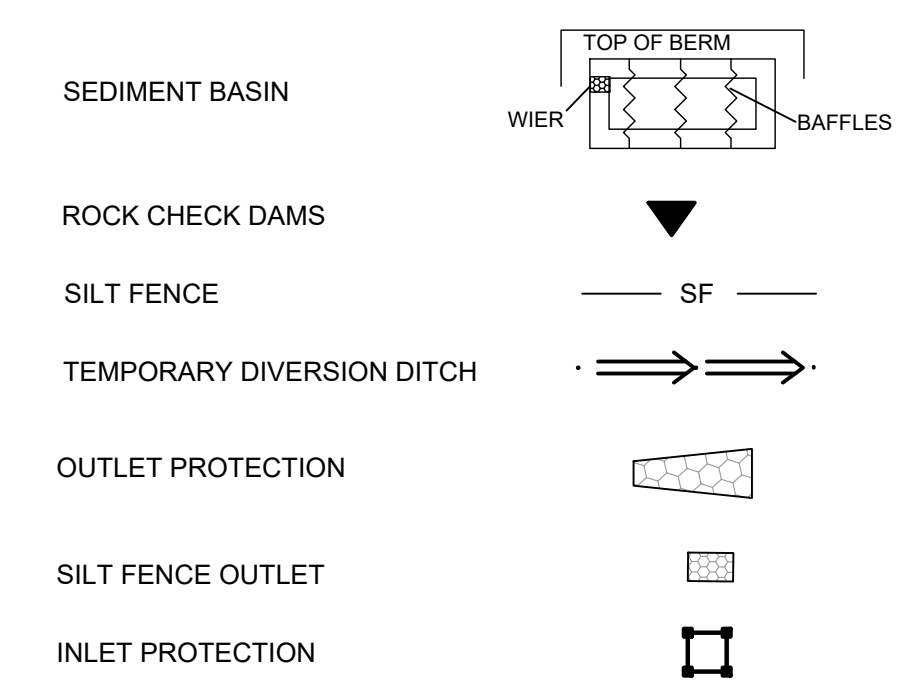
NOTES

- LIMIT OF DISTURBANCE = 2.31 AC.
- EXISTING CONDITIONS PER CHATHAM COUNTY GIS.
- GRADING TIES SUBJECT TO EXISTING GRADES AND CONDITIONS.
- CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE AT ENTRANCES.
- CONTRACTOR TO VERIFY FINAL ELEVATIONS WITH ACTUAL FIELD CONDITIONS.
- CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING WALLS.
- PROPOSED CONTOUR LINES ARE SHOWN AT 1' INCREMENTS.

CONSTRUCTION SEQUENCE

- EROSION AND SEDIMENT CONTROL (E&SC) PERMIT AND A CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE ANY LAND DISTURBING ACTIVITIES OCCUR. A COPY OF THE E&SC PERMIT, THE COC, AND A HARD COPY OF THE PLAN MUST BE KEPT ON SITE. PREFERABLY IN A PERMITS BOX, AND ACCESSIBLE DURING INSPECTION. THE COC CAN BE OBTAINED BY FILLING OUT THE ELECTRONIC NOTICE OF INTENT (E-NOI) FORM AT DEQ.NC.GOV/NCSD1. PLEASE NOTE, THE E-NOI FORM MAY ONLY BE FILLED OUT ONCE THE PLANS HAVE BEEN APPROVED.
- SELF-INSPECTIONS FOR EROSION AND SEDIMENTATION CONTROL MEASURES ARE TO BE PERFORMED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF EVERY RAIN EVENT OF GREATER THAN 1 INCH. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN MEASURES AS DESIGNED. ALL ESC MEASURES SHALL BE MAINTAINED AS SPECIFIED IN THE CONSTRUCTION DETAILS ON THIS PLAN. A RAIN GAUGE SHALL BE INSTALLED AT THE PROJECT SITE FOR MONITORING.
- CONTACT THE DEMLR RALEIGH REGIONAL OFFICE AT LEAST 48 HOURS PRIOR TO COMMENCING THE LAND DISTURBING ACTIVITY.
- CONTRACTOR TO MAINTAIN EROSION CONTROL DEVICES ACCORDING TO MAINTENANCE PLAN THROUGHOUT CONSTRUCTION.
- INSTALL CONSTRUCTION ENTRANCE.
- INSTALL TEMPORARY SILT FENCE IN LOCATIONS AS SHOWN ON PLANS WITH SILT FENCE OUTLETS. ADD SILT FENCE OUTLETS AS NECESSARY IN ANY LOW POINTS IN SILT.
- CLEAR AND GRUB SITE WITHIN LIMITS OF DISTURBANCE AS SHOWN ON THE PLAN. ROUGH GRADE SITE TO SUBGRADE WITHIN LIMITS OF DISTURBANCE.
- CONTRACTOR TO STABILIZE AND SEED ALL DENUDED AREAS IF LAND DISTURBING ACTIVITIES WILL NOT COMMENCE AGAIN IN THAT AREA WITHIN 7 CALENDAR DAYS OR 14 CALENDAR DAYS. REFERENCE DEMLR GROUND STABILIZATION TIME FRAMES.
- FINE GRADE BUILDING PAD. INSTALL STONE BASE AND TEMPORARY SEED TO ALL DENUDED AREAS PRIOR TO BEGINNING BUILDING CONSTRUCTION.
- BEGIN BUILDING CONSTRUCTION. ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING THROUGHOUT CONSTRUCTION.
- INSTALL UNDERGROUND UTILITIES PER UTILITY PLAN.
- FINE GRADE PARKING AREAS. ADD STONE AS NEEDED.
- FINE GRADE REMAINING LANDSCAPE AREAS. PROVIDE PERMANENT GROUND COVER PER LANDSCAPE PLAN.
- WHEN THE SITE IS FULLY STABILIZED, REMOVE TEMPORARY EROSION CONTROL MEASURES. DEWATER SKIMMER BASIN AND UTILITY TRENCHES AS NEEDED THROUGH SILT BAG.
- WHEN THE PROJECT IS COMPLETE, THE PERMITTEE SHALL CONTACT DEMLR TO CLOSE OUT THE E&SC PLAN. AFTER DEMLR INFORMS THE PERMITTEE OF THE PROJECT CLOSE OUT, VIA INSPECTION REPORT, THE PERMITTEE SHALL VISIT DEQ.NC.GOV/NCSD1 TO SUBMIT AN ELECTRONIC NOTICE OF TERMINATION (E-NOT). A \$100 ANNUAL GENERAL PERMIT FEE WILL BE CHARGED UNTIL THE E-NOT HAS BEEN FILLED OUT.
- DOWNSPOUT COLLECTION SYSTEM TO TIE INTO PROPOSED DOWNSPOUT LOCATIONS VIA 6"x6" TEE CONNECTIONS. CLEANOUTS TO BE INSTALLED AT ALL HORIZONTAL BENDS WITH FLUSH MOUNT PLATES.

EROSION CONTROL LEGEND



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KNIGHT LANDSCAPE SUPPLY & STORAGE

14959 US HWY 421 S
GULF, CHATHAM COUNTY, NORTH CAROLINA

SITE GRADING & EROSION CONTROL PLAN

REVISIONS

**AGENCY REVIEW
NOT FOR CONSTRUCTION**

Scale: 1"=30'	Drawn by: MTB
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C4 of 5	Reviewed by: MTB
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LANDSCAPE REQUIREMENTS

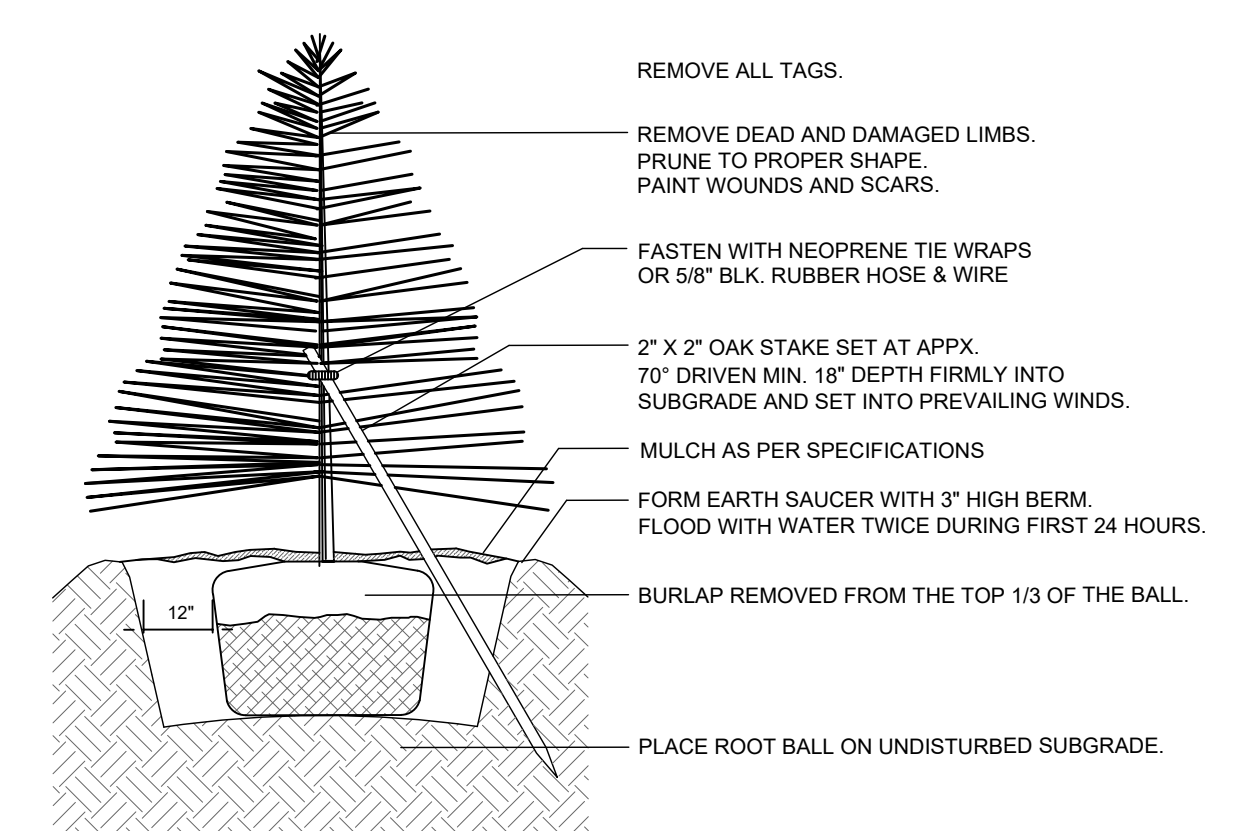
- BUFFER (NORTH): TYPE 'A'**
 REQUIREMENT: 20' WIDE - 1 LARGE TREE PER 20 FT x 244 LF = 13 TREES
 - 1 SHRUB PER 8 FT x 244 LF = 31 SHRUBS
 PROVIDED: 20' WIDE - EXISTING VEGETATION EXCEEDS REQUIREMENT
 (OWNER TO FILL IN ADDITIONAL TREES IF EXISTING DOES NOT MEET REQUIREMENT)
- BUFFER (SOUTH): TYPE 'B'**
 REQUIREMENT: 20' WIDE - 1 LARGE TREE PER 30 FT x 313 LF = 11 TREES
 - 1 SHRUB PER 5-8 FT x 313 LF = 49 SHRUBS
 PROVIDED: 20' WIDE - 11 TREES
 - 49 SHRUBS
- BUFFER (EAST): TYPE 'A'**
 REQUIREMENT: 20' WIDE - 1 LARGE TREE PER 20 FT x 492 LF = 25 TREES (220 FT EXISTING VEGETATION)
 - 1 SHRUB PER 5-8 FT x 492 LF = 76 SHRUBS (220 FT EXISTING VEGETATION)
 BUFFER DEVELOPED PORTION OF SITE
 - 1 LARGE TREE PER 20 FT x 272 LF = 14 TREES (TO BE PLANTED ALONG DEVELOPMENT)
 - 1 SHRUB PER 5-8 FT x 272 LF = 42 SHRUBS
 PROVIDED: 20' WIDE - 13 TREES
 - 42 SHRUBS
- BUFFER (WEST): TYPE 'A'**
 REQUIREMENT: 20' WIDE - 1 LARGE TREE PER 20 FT x 463 LF = 24 TREES (40 FT EXISTING VEGETATION)
 - 1 SHRUB PER 5-8 FT x 463 LF = 71 SHRUBS (40 FT EXISTING VEGETATION)
 BUFFER DEVELOPED PORTION OF SITE
 - 1 LARGE TREE PER 20 FT x 423 LF = 22 TREES (TO BE PLANTED ALONG DEVELOPMENT)
 - 1 SHRUB PER 5-8 FT x 423 LF = 65 SHRUBS
 PROVIDED: 20' WIDE - 21 TREES
 - 65 SHRUBS

NOTES

- ALL PLANT MATERIALS TO COMPLY WITH THE LATEST EDITION OF A.N.A. STANDARDS FOR NURSERY STOCK AND BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM INSTALLATION DATE.
- LANDSCAPE CONTRACTOR IS TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES AND RECEIVE APPROVAL FROM GENERAL CONTRACTOR OR SITE SUPERVISOR, IF NECESSARY, TO MAKE CHANGES IN PLANT LOCATIONS.
- LANDSCAPE CONTRACTOR MUST COORDINATE WITH GENERAL CONTRACTOR AND OTHER SITE OPERATIONS.
- MINOR ADJUSTMENTS TO THE PLANT LOCATIONS ARE TO BE MADE IN THE CASE OF ANY CONFLICTS WITH PROPOSED UTILITIES.
- ALL PLANTING BEDS AND FREE STANDING TREES TO BE MULCHED WITH 4" GRADE "A" CYPRESS MULCH. BEDS ARE TO BE GRADED SMOOTH AND FREE OF SOIL CLODS AND STONES. ALL TREES TO BE STAKED AND WRAPPED WITH ASPHALTIC WRINKLE KRAFT TREE WRAP. CONTRACTOR/OWNER MAY INSTALL SOME TYPE OF BOARDER TO PREVENT MULCH CONTAMINATING GRAVEL SURFACE FOR INTERNAL ISLANDS (CURB OR LANDSCAPING TIMBERS).
- ALL PLANTS ARE TO BE REMOVED FROM CONTAINERS, CAGES AND NON-BIODEGRADABLE MATERIALS.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR FINISHED GRADES; LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR FINE GRADING AND AND TO PROVIDE 4" OF AMENDED TOPSOIL FOR PLANTING BEDS.
- ALL ORGANIC MATTER AND DEBRIS ARE TO BE REMOVED FROM THE SITE BY THE LANDSCAPE CONTRACTOR. LAWN AREAS AND BEDS SHOULD BE FREE OF STONES GREATER THAN 2".
- PLANT QUANTITIES HAVE BEEN PROVIDED FOR CONVENIENCE ONLY. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE QUANTITIES. DRAWING PREVAILS OVER WRITTEN QUANTITIES.
- PLANTING BEDS SHALL BE TREATED WITH A PRE-EMERGENT HERBICIDE APPLIED AT PRODUCT SPECIFIED RATE UNLESS OTHERWISE NOTED.
- PLANTING SHALL BE FERTILIZED UPON INSTALLATION. RECOMMENDED FERTILIZER BE MIXED WITH BACKFILL AT PRODUCT SPECIFIED RATE.
- BED EDGE SHALL BE SMOOTH, CONSISTENT 4 1/2" DEEP AND HAND CUT. EDGES TO BE LOCATED BETWEEN ALL BEDS (INCL. TREES) AND LAWN AREAS.
- CONTRACTOR TO PLACE SOD OR HARDWOOD MULCH ON ALL LANDSCAPE AREAS UNLESS OTHERWISE DIRECTED BY THE OWNER.
- IRRIGATION PLAN BY OTHERS, IF APPLICABLE.
- THE LANDSCAPE CONTRACTOR CAN MODIFY THE PLANT LIST, FROM WHAT IS SHOWN, HOWEVER THE CONTRACTOR MUST USE ACCEPTABLE PLANT TYPES, AND QUANTITIES, PER THE DEVELOPMENT ORDINANCE. A REVISED PLAN SHALL BE APPROVED BY THE PLANNING DEPARTMENT AND THE OWNER.

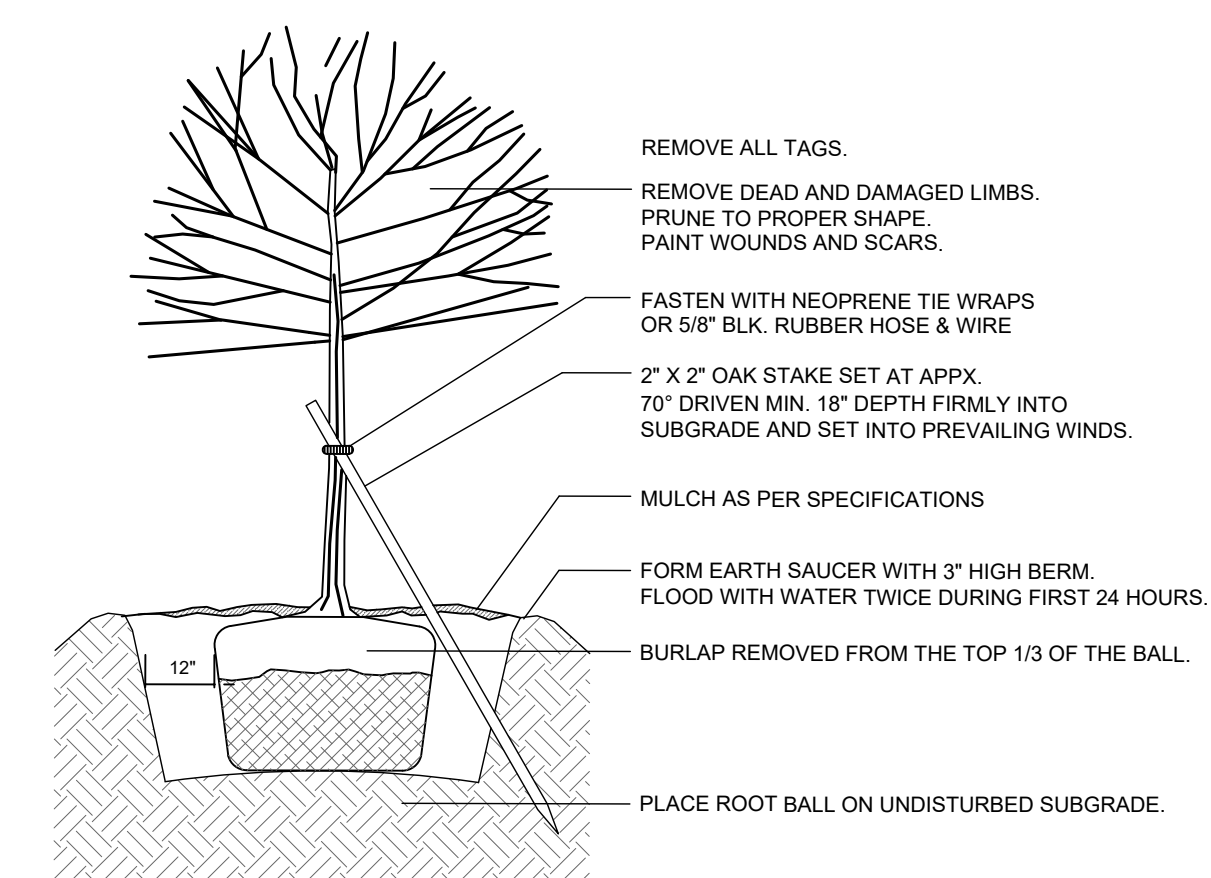
PLANT LIST (REQUIRED)

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY.
QA	QUERCUS ALBA	WHITE OAK	8' HT	12
AR	ACER RUBRUM	S. RED MAPLE	8' HT	11
OF	QUERCUS FALCATA	S. RED OAK	8' HT	11
CC	CERCIS CANADENSIS	EASTERN RED BUD	15 GAL	4
LI	LAGERSTROMIA INDICA	CREPE MYRTLE	15 GAL	4
CK	CLADRASTIS KENTUEKA	YELLOW WOOD	15 GAL	3
IG	ILEX GLABRA	INKBERRY HOLLY	2' HT	156



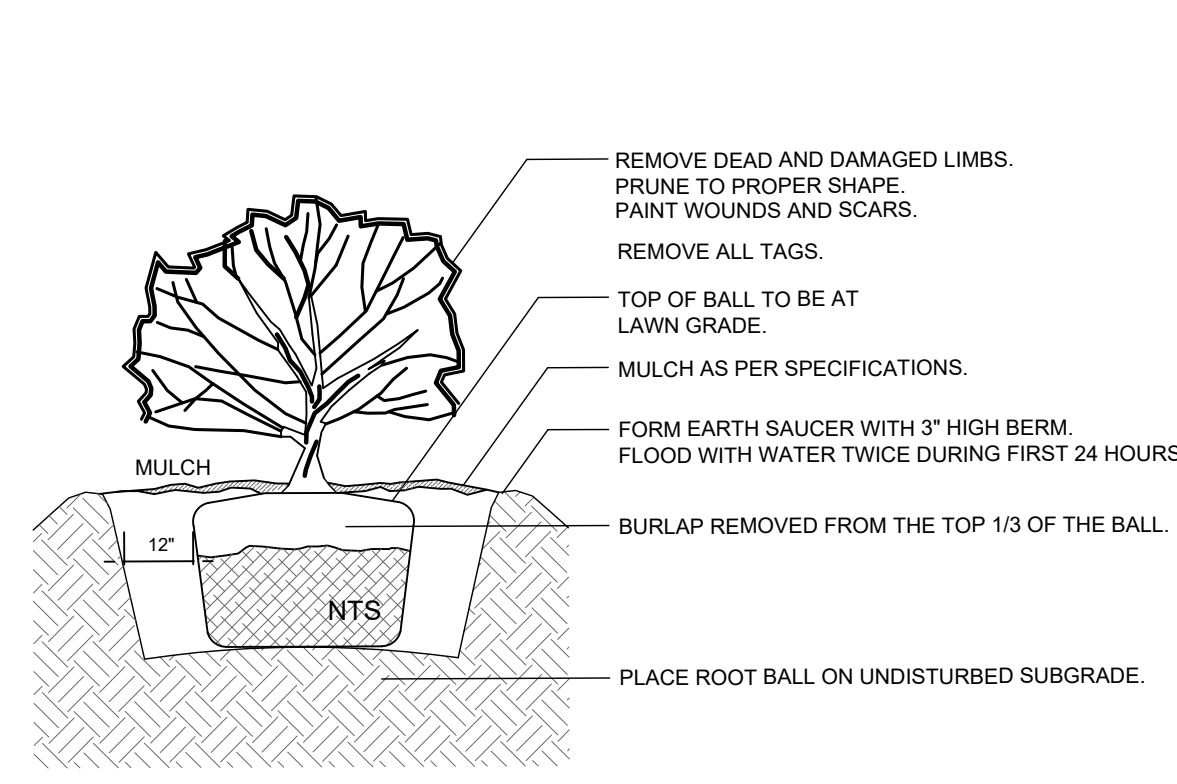
EVERGREEN PLANTING

NTS



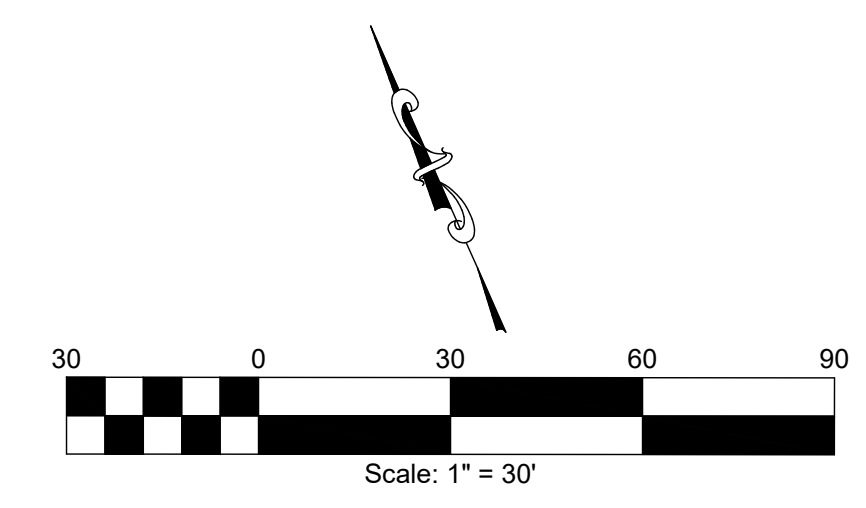
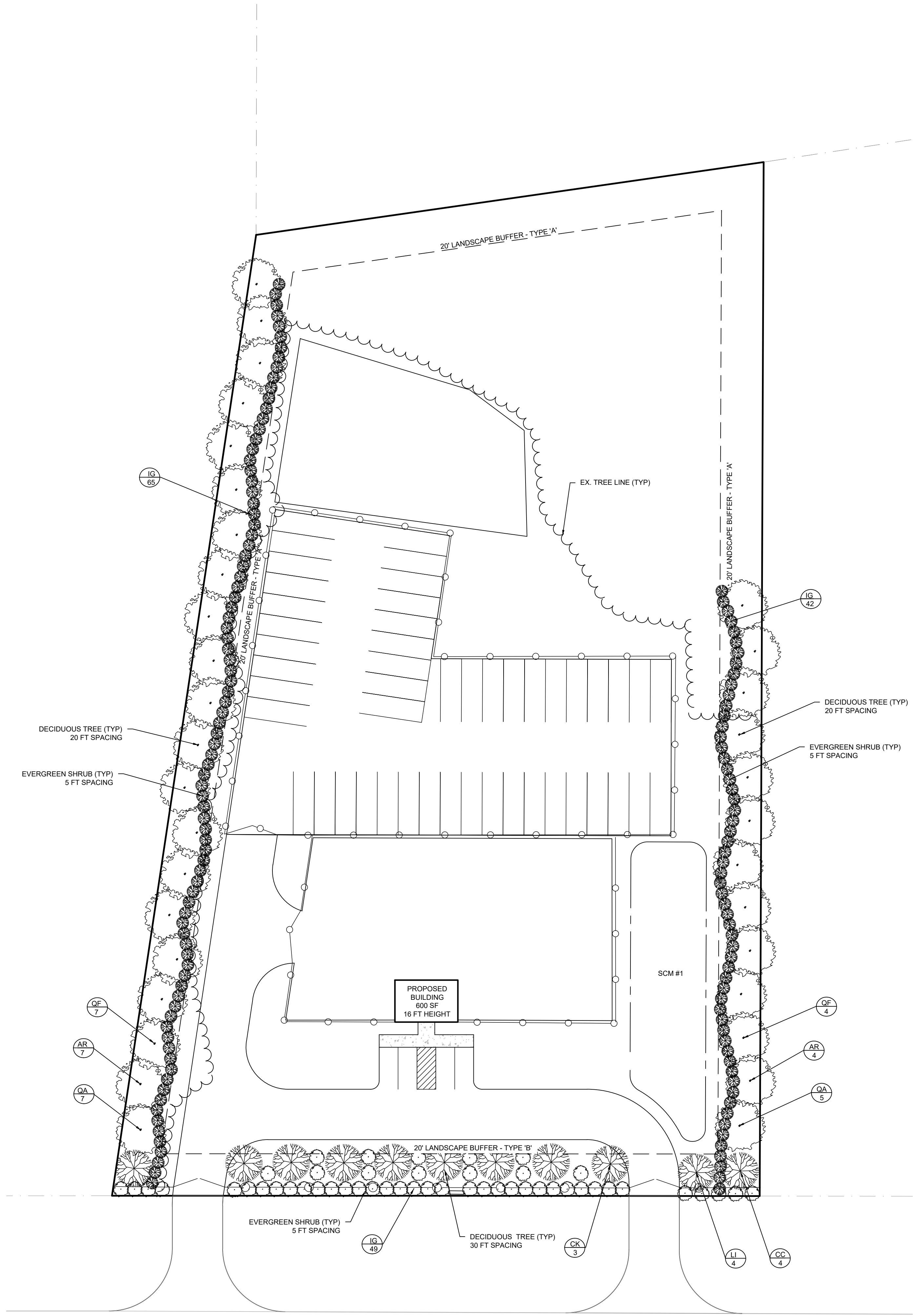
DECIDUOUS TREE PLANTING

NTS



SHRUB PLANTING

NTS



KNIGHT LANDSCAPE SUPPLY & STORAGE

14959 US HWY 421 S
GULF, CHATHAM COUNTY, NORTH CAROLINA

SITE LANDSCAPING PLAN

REVISIONS

NO.	DESCRIPTION

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