



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

E SUPPLY & STORA

14959 US HW GULF, CHATHAM COUNTY

REVISIONS

AGENCY REVIEW NOT FOR CONSTRUCTION

 Scale:
 Drawn by:

 1"=30'
 MTB

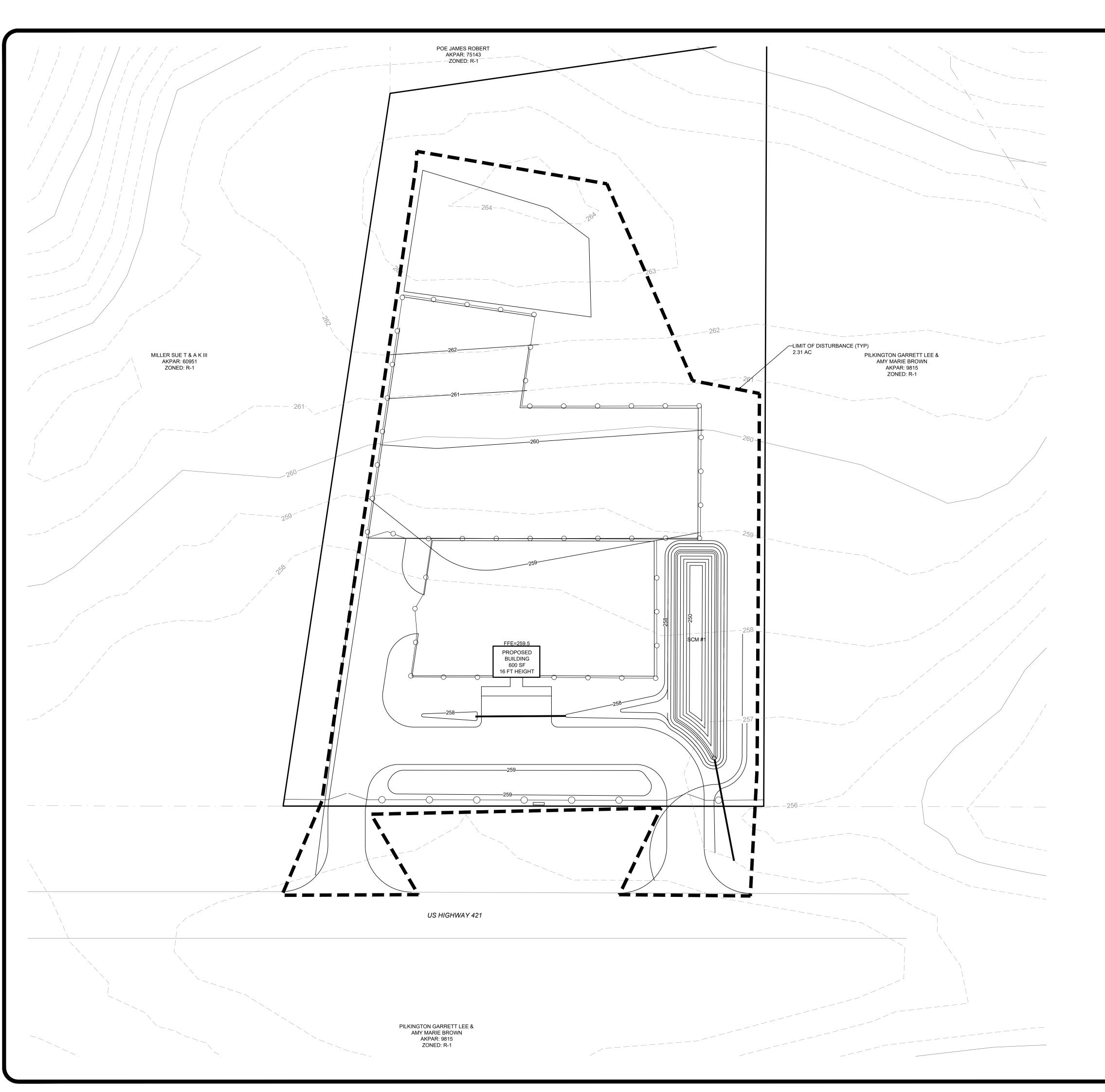
 Sheet:
 Designed by:

 MTB
 Reviewed by:

 MTB
 Project Number:

 2023-21
 Date:

 JUN 2023



NOTES

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

CONSTRUCTION SEQUENCE

- 1. 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/NCG01. 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 RALIEGH REGIONAL OFFICE AT LEAST 48 HOURS PRIOR TO
- COMMENCING THE LAND DISTURBING ACTIVITY

 4. CONTRACTOR TO MAINTAIN EROSION CONTROL DEVICES ACCORDING TO MAINTENANCE PLAN THROUGHOUT CONSTRUCTION.
- 5. INSTALL CONSTRUCTION ENTRANCE.6. 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.

 7. 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 STABLIZATION TIME FRAMES.
- 10. FINE GRADE BUILDING PAD. INSTALL STONE BASE AND TEMPORARY SEED TO ALL DENUDED AREAS PRIOR TO BEGINNING BUILDING CONSTRUCTION.
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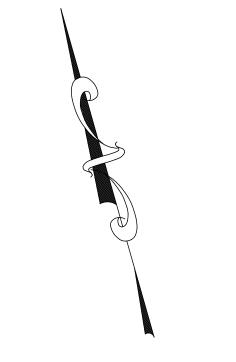
 11. BEGIN BUILDING CONSTRUCTION. ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING THROUGHOUT CONSTRUCTION.
- INSTALL UNDERGROUND UTILITIES PER UTILITY PLAN.
 FINE GRADE PARKING AREAS, ADD STONE AS NEEDED
- 13. FINE GRADE PARKING AREAS. ADD STONE AS NEEDED.

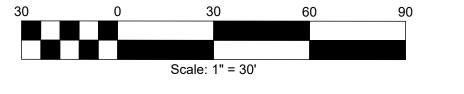
 14. FINE GRADE REMAINING LANDSCAPE AREAS. PROVIDE
- FINE GRADE REMAINING LANDSCAPE AREAS. PROVIDE PERMANENT GROUND COVER PER LANDSCAPE PLAN.
- 15. WHEN THE SITE IS FULLY STABILIZED, REMOVE TEMPORARY EROSION CONTROL MEASURES. DEWATER SKIMMER BASIN AND UTILITY TRENCHES AS NEEDED THROUGH SILT BAG
- 16. 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/NCG01 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.

 17. 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

SED	DIMENT BASIN	TOP OF BERM WIER BA
ROO	CK CHECK DAMS	lacktriangle
SIL	T FENCE	SF
TEN	IPORARY DIVERSION DITCH	$\cdot \Longrightarrow \longrightarrow \cdot$
ОUТ	LET PROTECTION	
SILT	FENCE OUTLET	
INLE	ET PROTECTION	П
	1	





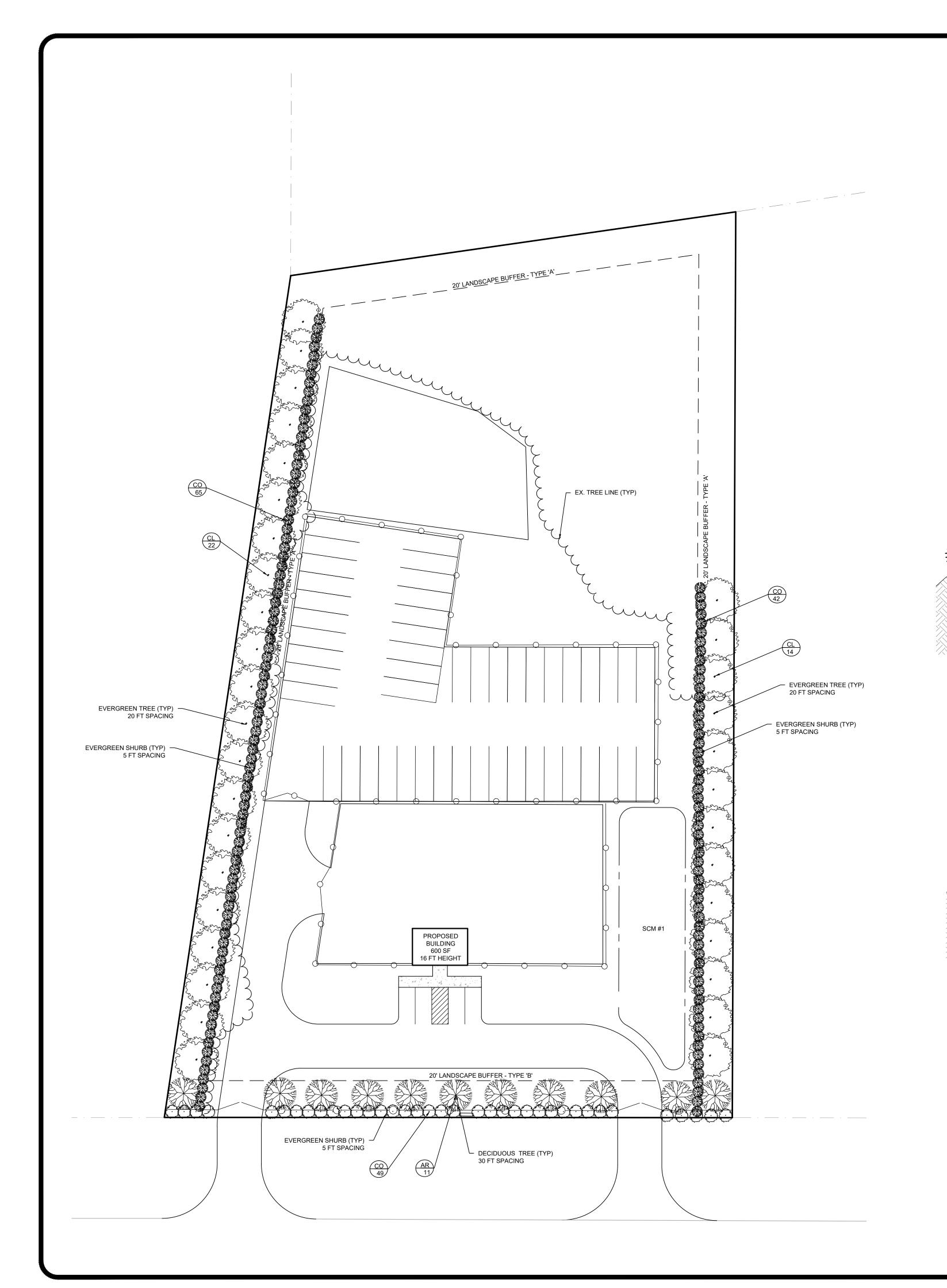


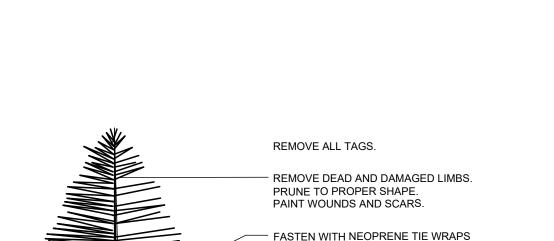
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GULF, CHATHAM COUNTY, NORTH CAROLINA SITE GRADING & EROSION CONTROL PLAN

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2" X 2" OAK STAKE SET AT APPX.
70° DRIVEN MIN. 18" DEPTH FIRMLY INTO
SUBGRADE AND SET INTO PREVAILING WINDS.

MULCH AS PER SPECIFICATIONS

FORM EARTH SAUCER WITH 3" HIGH BERM.

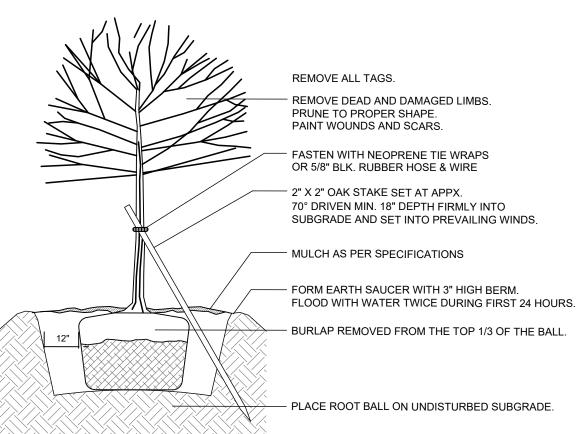
OR 5/8" BLK. RUBBER HOSE & WIRE

FLOOD WITH WATER TWICE DURING FIRST 24 HOURS.

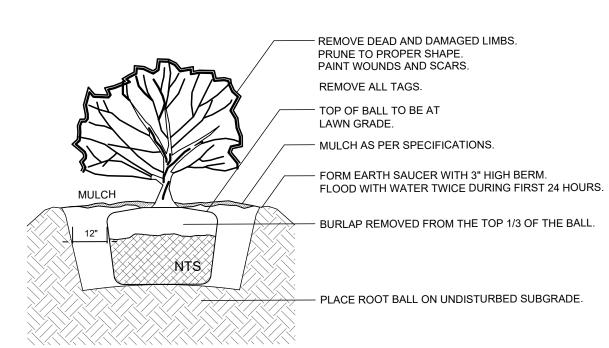
— BURLAP REMOVED FROM THE TOP 1/3 OF THE BALL.

— PLACE ROOT BALL ON UNDISTURBED SUBGRADE.

EVERGREEN PLANTING



DECIDUOUS TREE PLANTING NTS



SHRUB PLANTING

LANDSCAPE REQUIREMENTS

BUFFER (NORTH): TYPE 'A'

REQUIREMENT: 20' WIDE - 1 LARGE TREE PER 20 FT x 244 LF = 13 TREES
- 1 SHURB PER 8 FT x 244 LF = 31 SHURBS

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 SHURB PER 5-8 FT x 313 LF = 49 SHURBS

PROVIDED: 20' WIDE - 11 TREES - 49 SHURBS

BUFFER (EAST): TYPE 'A'

REQUIREMENT: 20' WIDE - 1 LARGE TREE PER 20 FT x 492 LF = 25 TREES (220 FT EXISTING VEGETATION)
- 1 SHURB PER 5-8 FT x 492 LF = 76 SHURBS (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 SHURB PER 5-8 FT x 272 LF = 42 SHURBS

PROVIDED: 20' WIDE - 14 TREES - 42 SHURBS

BUFFER (WEST): TYPE 'A'

REQUIREMENT: 20' WIDE - 1 LARGE TREE PER 20 FT x 463 LF = 24 TREES (40 FT EXISTING VEGETATION)
- 1 SHURB PER 5-8 FT x 463 LF = 71 SHURBS (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 SHURB PER 5-8 FT x 423 LF = 65 SHURBS

PROVIDED: 20' WIDE - 22 TREES

- 65 SHURBS

NOTES

- 1. 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.
- 2. 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
- 3. LANDSCAPE CONTRACTOR MUST COORDINATE WITH GENERAL CONTRACTOR AND OTHER SITE OPERATIONS.
- 4. MINOR ADJUSTMENTS TO THE PLANT LOCATIONS ARE TO BE MADE IN THE CASE OF ANY CONFLICTS WITH PROPOSED UTILITIES.
- 5. ALL PLANTING BEDS AND FREE STANDING TREES TO BE MULCHED WITH 4" GRADE "A" CYPRESS MULCH. BEDS ARE TO BE GRADED SMOOTH AND 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).
- 6. ALL PLANTS ARE TO BE REMOVED FROM CONTAINERS, CAGES AND NON-BIODEGRADABLE MATERIALS.
- 7. 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.
- 8. 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".
- 9. PLANT QUANTITIES HAVE BEEN PROVIDED FOR CONVENIENCE ONLY; THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE QUANTITIES. DRAWING PREVAILS OVER WRITTEN QUANTITIES.
- 10. 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.

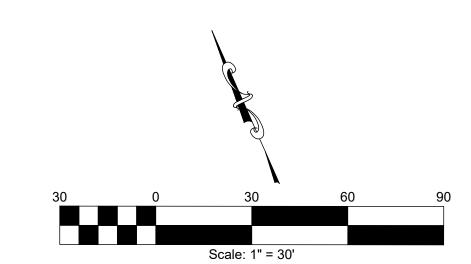
 13. CONTRACTOR TO PLACE SOD OR HARDWOOD MULCH ON ALL LANDSCAPE AREAS UNLESS OTHERWISE
- 14. IRRIGATION PLAN BY OTHERS, IF APPLICABLE.

DIRECTED BY THE OWNER.

15. 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.
CL	CUPRESSOCYPARIS LEYLANDII	LEYLAND CYPRESS	8' HT	156
AR	ACER RUBRUM	RED MAPLE	8' HT	11
CO	CHAMAECYPARIS OBTUSA 'FILICOIDES'	FERNSPRAY FALSE CYPRESS	2' HT	36



RAFTING AND DESIGN SERVICES, INC.

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