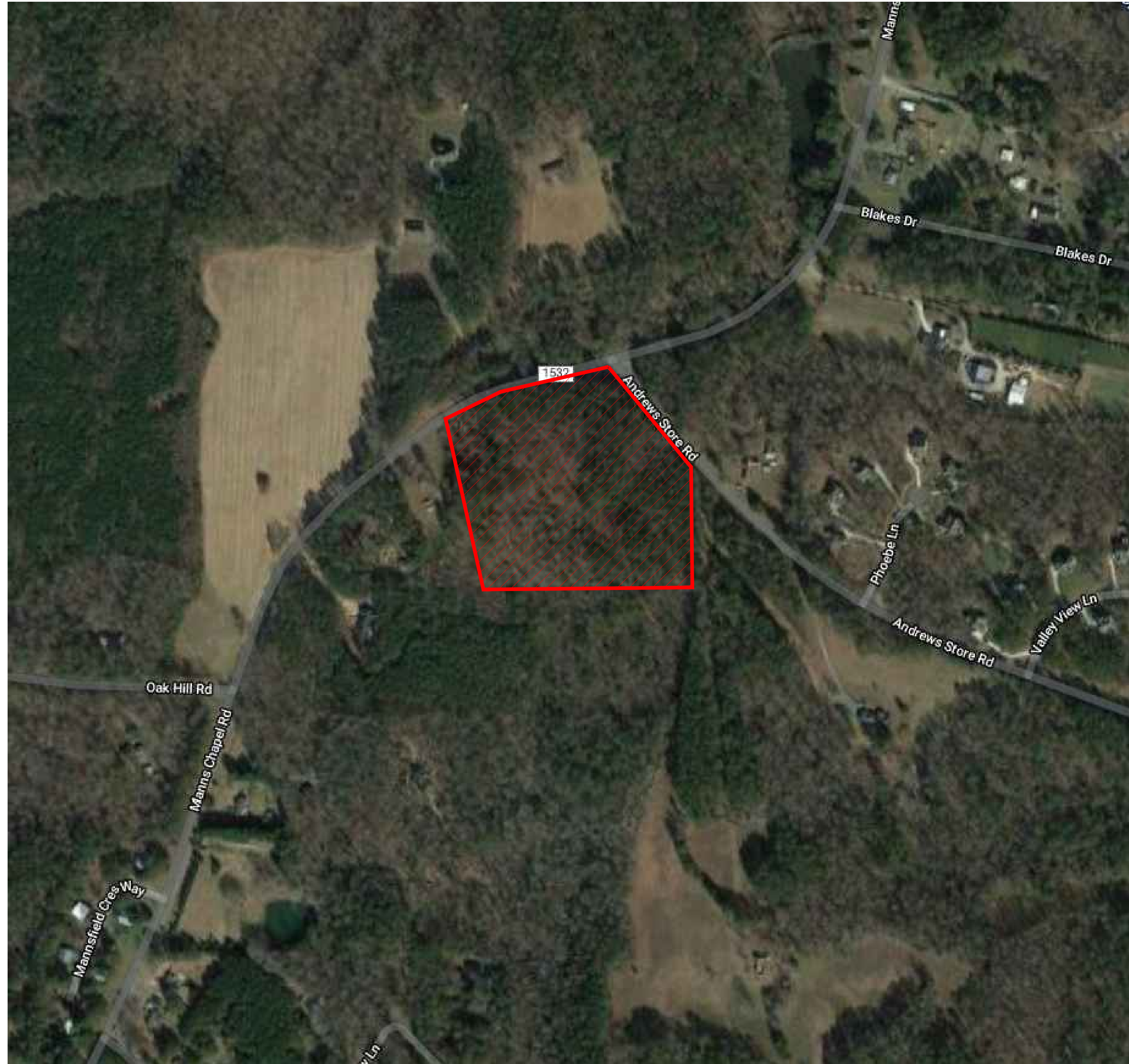


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# HOBBY FARM SUBDIVISION

3267 ANDREWS STORE ROAD, PITTSBORO, NC 27312  
CHATHAM COUNTY, NORTH CAROLINA



**VICINITY MAP**



**SITE INFORMATION**

**CURRENT OWNER:** LOVIN' SPOONFUL, LLC  
727 WEST HARGETT STREET, SUITE 209  
RALEIGH, NC 27603

**AKPAR PIN:** 0068308  
9755 00 53 9236

**JURISDICTION:** CHATHAM COUNTY PLANNING  
**TOWNSHIP:** BALDWIN  
**COUNTY:** CHATHAM COUNTY  
**STATE:** NORTH CAROLINA  
**FEMA FLOOD MAP:** 3710975500K  
**FEMA FLOOD ZONE:** X  
**RIVER BASIN:** CAPE FEAR  
**WATERSHED:** JORDAN LAKE (WS-IV PA)

**REFERENCES:** DB 2082 / PG 722

**EXIST PARCEL SIZE:** ±12.92 AC  
**AREA TO BE DEDICATED TO ROW:** ±0.90 ACRES  
**TOTAL PARCEL SIZE:** ±12.02 AC

**CURRENT USE:** VACANT / UNDEVELOPED  
**PROPOSED USE:** SINGLE FAMILY RESIDENTIAL SUBDIVISION  
**LAND USE CLASS:**  
**CURRENT ZONING:** R-1

**REQUIRED**

**STRUCTURE SETBACKS**  
**FRONT SETBACK:** 40'  
**SIDE SETBACK:** 25'  
**REAR SETBACK:** 25'  
**MIN. LOT WIDTH:** 100'  
**MIN. LOT SIZE:** 40,000 SF

**AREA OF NEW ROW:** 37,423 SF / 0.86 AC  
**LINEAR FOOTAGE OF NEW ROAD:** 547'

**PROPOSED WATER SUPPLY:** CHATHAM COUNTY PUBLIC UTILITIES  
**PROPOSED SEWAGE TREATMENT:** CONVENTIONAL SEPTIC SYSTEM

**PROJECT CONTACTS**

**ENGINEER:** C3 DESIGN & ENGINEERING, PLLC  
CHAD E. ABBOTT, PE  
2537 E LYON STATION ROAD, SUITE 201  
PO BOX 0361  
CREEDMOOR, NC 27522  
(919) 625-7368

**SURVEYOR:** VAN R. FINCH - LAND SURVEYS, P.A.  
109 HILLSBORO STREET  
PITTSBORO, NC 27312  
(919) 542-2503

**PLANNING:** KIMBERLY TYSON  
80 EAST STREET  
PO BOX 54  
PITTSBORO, NC 27312  
(919) 542-8283

**WATER:** CHATHAM COUNTY UTILITIES & WATER DIVISION  
LARRY BRIDGES  
964 EAST ST., 2nd FLOOR/SUITE 205  
PITTSBORO, NC 27312  
(919) 542-8238

**SEPTIC:** CHATHAM COUNTY ENVIRONMENTAL HEALTH  
THOMAS BOYCE  
12 EAST STREET  
PITTSBORO, NC 27312  
(919) 545-8378

**EROSION CONTROL:** CHATHAM COUNTY WATERSHED PROTECTION DEPT.  
DREW BLAKE  
12 EAST STREET  
PITTSBORO, NC 27312  
(919) 545-8334

**STORMWATER:** CHATHAM COUNTY WATERSHED PROTECTION DEPT.  
MORGAN DEWIT  
12 EAST STREET  
PITTSBORO, NC 27312  
(919) 542-8268

**NCDOT:** MICKEY PATE  
300 DOT DRIVE  
ASHEBORO, NC 27204  
(336) 318-4005

**FIRE:** WILLIAM JUDSON (FIRE MARSHAL)  
80 EAST STREET  
PO BOX 548  
PITTSBORO, NC 27312  
(919) 545-8342

**ELECTRIC:** DUKE ENERGY PROGRESS  
800-452-2777

**RICKY SPOON BUILDERS**  
RICKY SPOON  
2400 REDBUD ROAD  
PITTSBORO, NORTH CAROLINA 27312  
RICKYSPOON@GMAIL.COM  
919.422.1517

**C3 DESIGN & ENGINEERING, PLLC**  
NC Firm License #: P-1764  
2537 E LYON STATION RD, STE 102(PHYSICAL)  
P.O. Box 361(MAILING)  
Creedmoor, NC 27522-0361  
chad@ce3design.com  
919.625.7368



NO.	DATE	BY	REVISIONS
6			
5	1/24/20	CEA	
4	2/19/20	ABA	
3	02/06/20	JHS	
2	12/20/19	JHS	
1			FIRST ISSUED

**CONSTRUCTION DRAWINGS**  
**HOBBY FARM SUBDIVISION**  
3267 ANDREWS STORE ROAD, PITTSBORO NC 27312  
CHATHAM COUNTY, NORTH CAROLINA

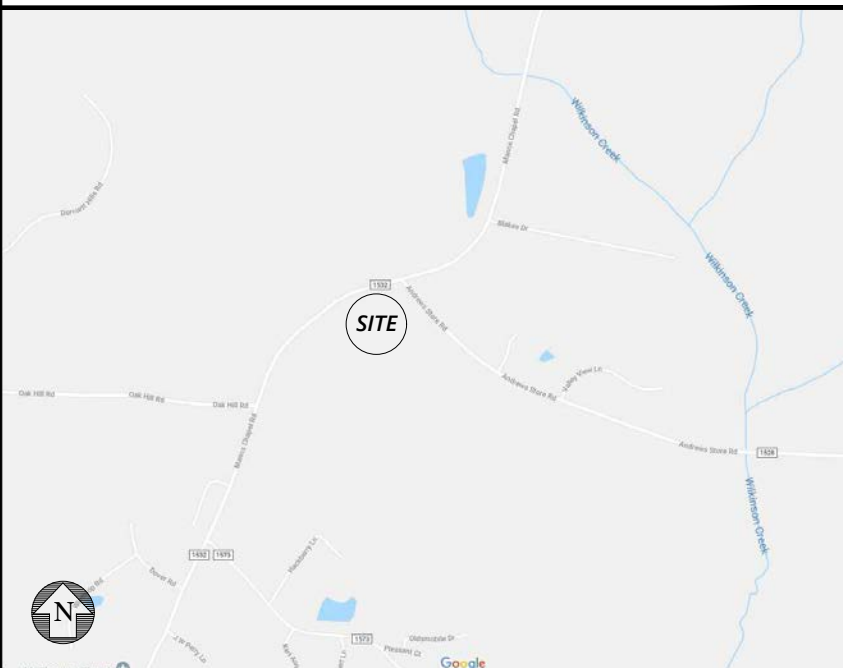
**COVER SHEET**

C3 PROJECT #:  
18-067

REVIEW PROJECT #:  
XX-XXX

SHEET #:  
**C-1.1**

VICINITY MAP



SITE INFORMATION

**CURRENT OWNER:** BARBARA HACKNEY  
368 WHITE OAK TRAIL  
CHAPEL HILL, NC 27516  
(919) 932-1026

**AKPAR PIN:** 0068308  
9755 00 53 9236

**JURISDICTION:** CHATHAM COUNTY PLANNING  
**TOWNSHIP:** BALDWIN  
**COUNTY:** CHATHAM COUNTY  
**STATE:** NORTH CAROLINA  
**FEMA FLOOD MAP:** 3710975500K  
**FEMA FLOOD ZONE:** X  
**RIVER BASIN:** CAPE FEAR  
**WATERSHED:** JORDAN LAKE (WS-IV PA)

**REFERENCES:** DB 2080 / PG 722

**EXIST PARCEL SIZE:** ±12.92 AC  
**AREA TO BE DEDICATED TO ROW:** ±0.90 ACRES  
**TOTAL PARCEL SIZE:** ±12.02 AC

**CURRENT USE:** VACANT / UNDEVELOPED  
**PROPOSED USE:** SINGLE FAMILY RESIDENTIAL SUBDIVISION  
**LAND USE CLASS:** R-1  
**CURRENT ZONING:** R-1

**REQUIRED**

**STRUCTURE SETBACKS:** 40'  
**FRONT SETBACK:** 25'  
**SIDE SETBACK:** 25'  
**REAR SETBACK:** 25'  
**MIN. LOT WIDTH:** 100'  
**MIN. LOT SIZE:** 40,000 SF

**AREA OF NEW ROW:** 37,423 SF / 0.86 AC  
**LINEAR FOOTAGE OF NEW ROAD:** 547'

**PROPOSED WATER SUPPLY:** CHATHAM COUNTY PUBLIC UTILITIES  
**PROPOSED SEWAGE TREATMENT:** CONVENTIONAL SEPTIC SYSTEM

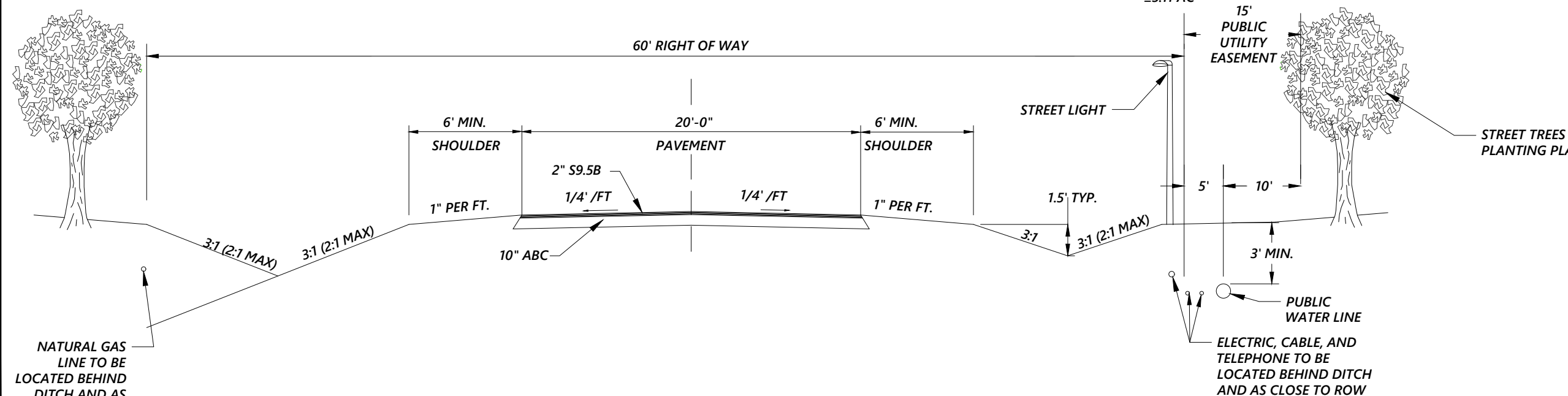
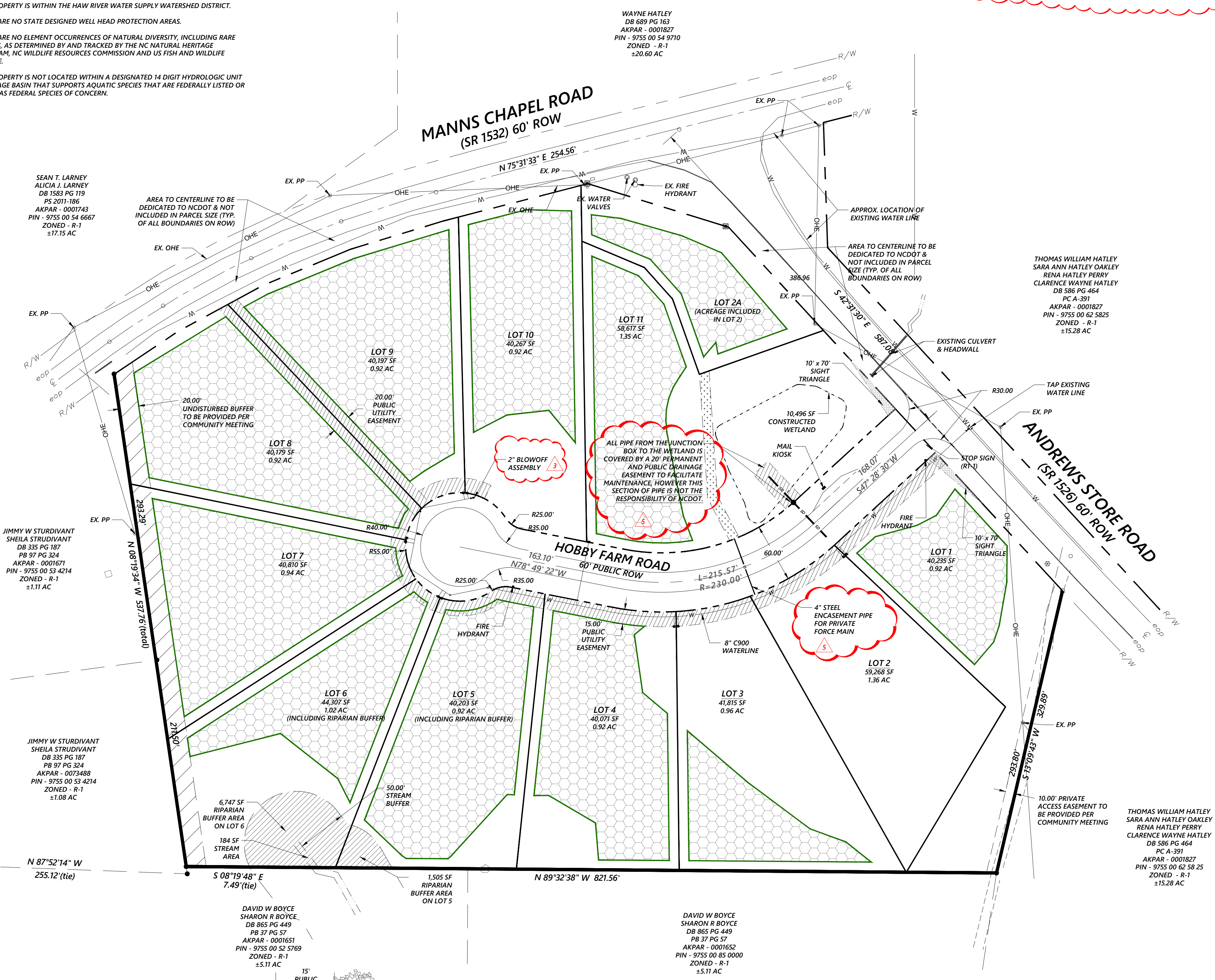
NOTES & CONDITIONS OF APPROVAL:

- THERE ARE NO SIGNIFICANT CULTURAL AND/OR HISTORICAL SITES AS DEFINED BY NC OFFICE OF ARCHAEOLOGY, DEPARTMENT OF CULTURAL RESOURCES AND/OR CHATHAM HISTORICAL ASSOCIATION ON THE PROPERTY.
- THERE ARE NO EXISTING BUILDINGS, CEMETERIES OR HISTORICAL STRUCTURES GREATER THAN 50 YEARS OF AGE ON THE PROPERTY.
- THERE ARE NO CEMETERIES OR HISTORICAL STRUCTURES LOCATED WITHIN 100 FEET OF THE DEVELOPMENT ON ANY ADJACENT PROPERTY.
- NO NON-DISCHARGE PERMIT FOR A LAND APPLICATION WASTE DISPOSAL SYSTEM IS NECESSARY.
- NO PERMIT FOR ANY SUBSURFACE WASTEWATER DISPOSAL SYSTEM OF 3000 GALLON/DAY OR LARGER IS NECESSARY.
- NO 404 PERMIT/401 CERTIFICATION IS NECESSARY.
- THE PROPERTY IS WITHIN THE HAW RIVER WATER SUPPLY WATERSHED DISTRICT.
- THERE ARE NO STATE DESIGNED WELL HEAD PROTECTION AREAS.
- THERE ARE NO ELEMENT OCCURRENCES OF NATURAL DIVERSITY, INCLUDING RARE SPECIES, AS DETERMINED BY AND TRACKED BY THE NC NATURAL HERITAGE PROGRAM, NC WILDLIFE RESOURCES COMMISSION AND US FISH AND WILDLIFE SERVICE.
- THE PROPERTY IS NOT LOCATED WITHIN A DESIGNATED 14 DIGIT HYDROLOGIC UNIT DRAINAGE BASIN THAT SUPPORTS AQUATIC SPECIES THAT ARE FEDERALLY LISTED OR LISTED AS FEDERAL SPECIES OF CONCERN.

SOILS LEGEND



**NOTE:**  
ANY EASEMENT OUTSIDE OF THE RIGHT OF WAY IS NOT THE RESPONSIBILITY OF NCDOT TO MAINTAIN, EVEN IF CONTIGUOUS TO THE RIGHT OF WAY.

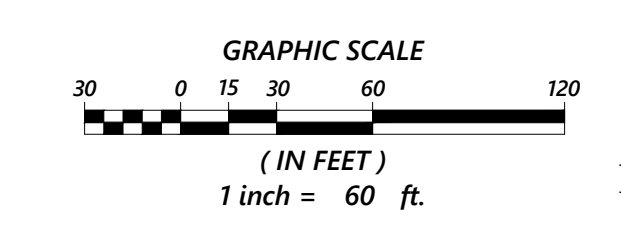


MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH NCDOT STANDARDS AND SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO THE LATEST VERSIONS OF THE NCDOT STANDARD SPECIFICATIONS FOR ROADS STRUCTURES, THE NCDOT ROADWAY STANDARDS DRAWINGS, AND NCDOT POLICIES AND PROCEDURES FOR ACCOMMODATING UTILITIES ON HIGHWAY RIGHTS OF WAY.

CONTRACTOR/OWNER SHALL PROVIDE CERTIFICATION SIGNED BY A LICENSED PROFESSIONAL ENGINEER VERIFYING THE CONSTRUCTION MEETS THE NCDOT DESIGN REQUIREMENTS AND PER APPROVED PLANS. CERTIFICATION SHALL INCLUDE BUT NOT LIMITED TO THE FOLLOWING:

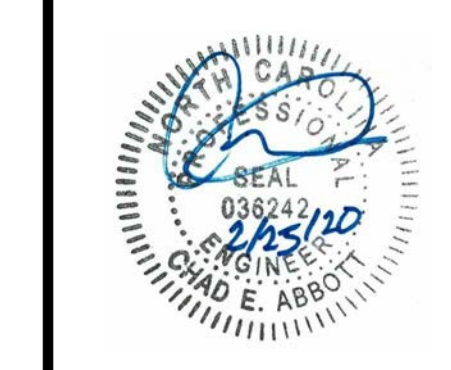
- DENSITY
- DENSITY AND THICKNESS BY TYPE
- BASE DENSITY
- AND TEST LOCATIONS

CONTRACTOR/OWNER SHALL PROVIDE NCDOT WITH 24 HOUR NOTICE PRIOR TO PROOF ROLLING.



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2400 REDBUD ROAD  
PITTSBORO, NORTH CAROLINA, 27312  
RICKYSPOON@GMAIL.COM  
919.422.1517

**CA DESIGN & ENGINEERING, PLLC**  
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2537 E LYON STATION RD, STE 102 (PHYSICAL)  
P.O. Box 361 (MAILING)  
Greensboro, NC 27402-0361  
Credentialed by: NCEM.org  
919.625.7269

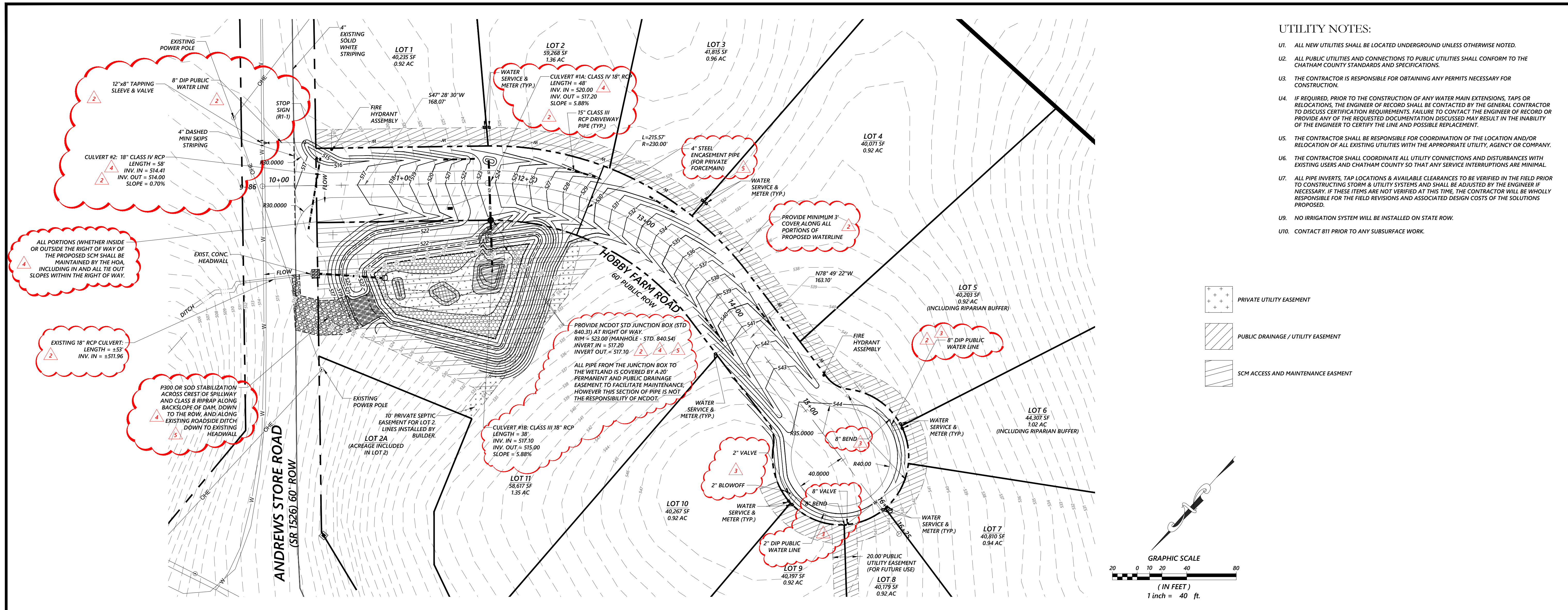


NO.	REVISIONS	DATE	BY
6	CEA	2/25/20	
5	NCDOT COMMENTS	2/24/20	
4	NCDOT COMMENTS	2/19/20	
3	NCDOT COMMENTS	02/06/20	
2	CC. UTILITY, STORM, NCDOT COMMENTS	12/20/19	
1	CC. EROSION CONTROL COMMENTS		
	FIRST ISSUED		

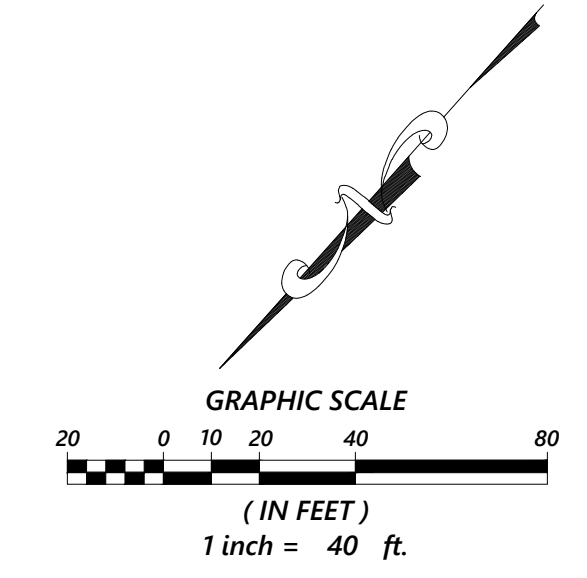
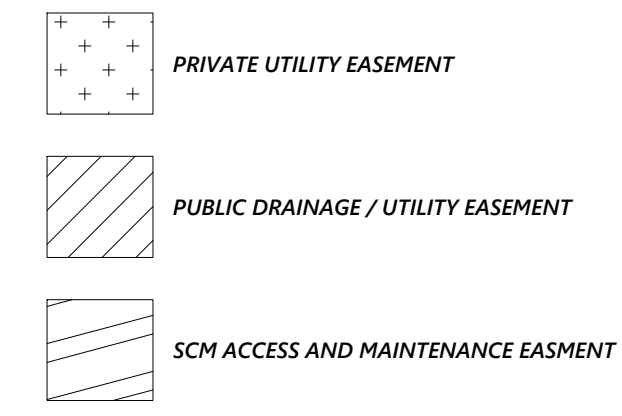
**CONSTRUCTION DRAWINGS**  
**HOBBY FARM SUBDIVISION**  
3267 ANDREWS STORE ROAD, PITTSBORO NC 27312  
CHATHAM COUNTY, NORTH CAROLINA

**FIRST PLAT**

C3 PROJECT #: 18-067  
REVIEW PROJECT #: XX-XXX  
SHEET #: C-1.2



- UTILITY NOTES:**
- U1. ALL NEW UTILITIES SHALL BE LOCATED UNDERGROUND UNLESS OTHERWISE NOTED.
  - U2. ALL PUBLIC UTILITIES AND CONNECTIONS TO PUBLIC UTILITIES SHALL CONFORM TO THE CHATHAM COUNTY STANDARDS AND SPECIFICATIONS.
  - U3. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY PERMITS NECESSARY FOR CONSTRUCTION.
  - U4. IF REQUIRED, PRIOR TO THE CONSTRUCTION OF ANY WATER MAIN EXTENSIONS, TAPS OR RELOCATIONS, THE ENGINEER OF RECORD SHALL BE CONTACTED BY THE GENERAL CONTRACTOR TO DISCUSS CERTIFICATION REQUIREMENTS. FAILURE TO CONTACT THE ENGINEER OF RECORD OR PROVIDE ANY OF THE REQUESTED DOCUMENTATION DISCUSSED MAY RESULT IN THE INABILITY OF THE ENGINEER TO CERTIFY THE LINE AND POSSIBLE REPLACEMENT.
  - U5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF THE LOCATION AND/OR RELOCATION OF ALL EXISTING UTILITIES WITH THE APPROPRIATE UTILITY, AGENCY OR COMPANY.
  - U6. THE CONTRACTOR SHALL COORDINATE ALL UTILITY CONNECTIONS AND DISTURBANCES WITH EXISTING USERS AND CHATHAM COUNTY SO THAT ANY SERVICE INTERRUPTIONS ARE MINIMAL.
  - U7. ALL PIPE INVERTS, TAP LOCATIONS & AVAILABLE CLEARANCES TO BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTING STORM & UTILITY SYSTEMS AND SHALL BE ADJUSTED BY THE ENGINEER IF NECESSARY. IF THESE ITEMS ARE NOT VERIFIED AT THIS TIME, THE CONTRACTOR WILL BE WHOLLY RESPONSIBLE FOR THE FIELD REVISIONS AND ASSOCIATED DESIGN COSTS OF THE SOLUTIONS PROPOSED.
  - U9. NO IRRIGATION SYSTEM WILL BE INSTALLED ON STATE ROAD.
  - U10. CONTACT 811 PRIOR TO ANY SUBSURFACE WORK.



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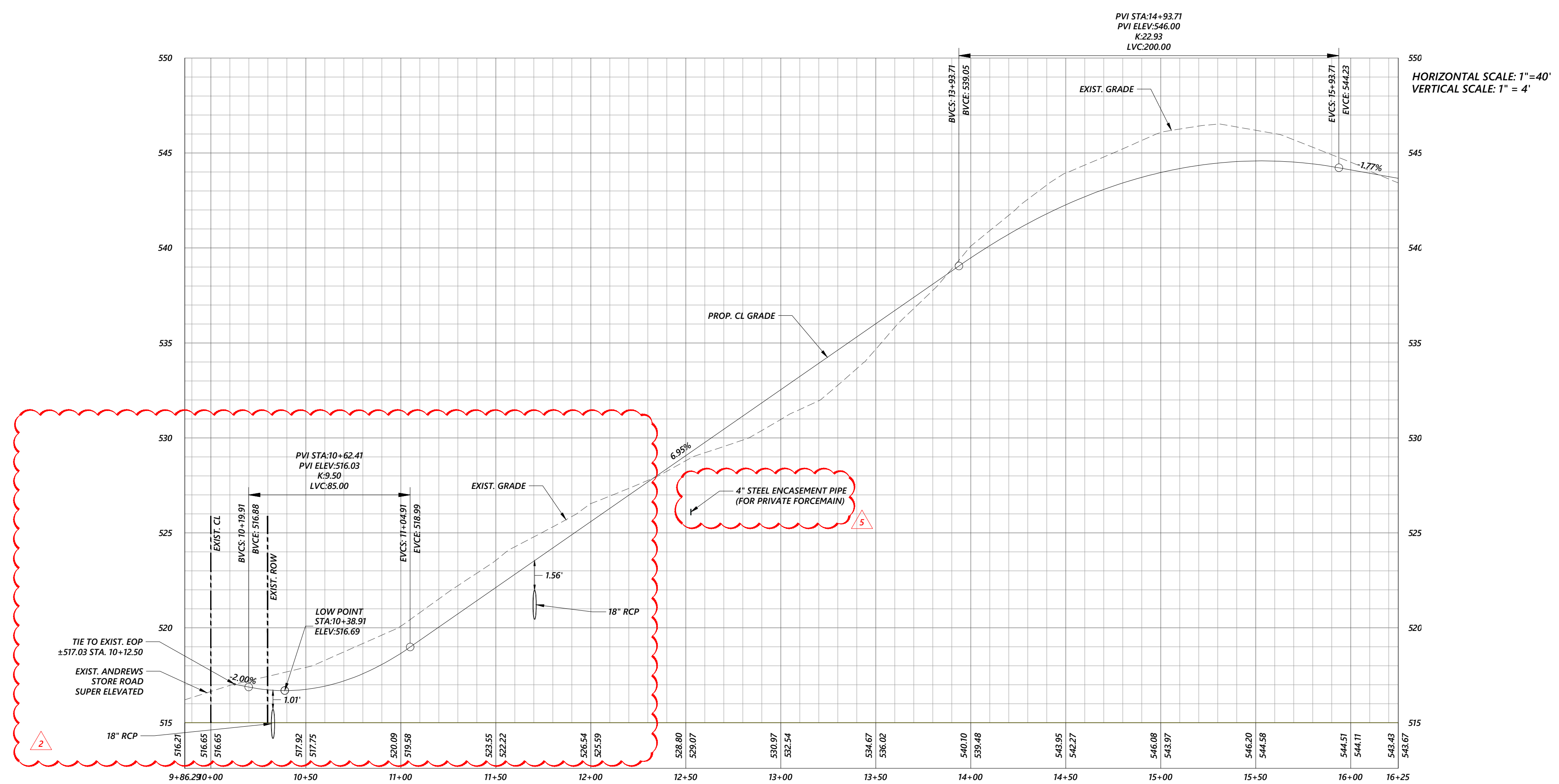


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3	02/06/20	JHS	
2	12/20/19	JHS	
1		CC. EROSION CONTROL COMMENTS FIRST ISSUED	

CONSTRUCTION DRAWINGS  
**HOBBY FARM SUBDIVISION**  
 3267 ANDREWS STORE ROAD, PITTSBORO NC 27312  
 CHATHAM COUNTY, NORTH CAROLINA

**HOBBY FARM ROAD PLAN & PROFILE STA. 10+00 - 16+25**

C3 PROJECT #: 18-067  
 REVIEW PROJECT #: XX-XXX  
 SHEET #: C-1.3



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**CONSTRUCTION SEQUENCE:**

1. THE CONTRACTOR SHALL THOROUGHLY REVIEW PLANS AND "EROSION CONTROL NOTES" PRIOR TO STARTING WORK.
2. SCHEDULE AND HOLD A PRECONSTRUCTION CONFERENCE BEFORE STARTING ANY DEMOLITION, TIMBERING, CLEARING, OR GRADING WITH THE OWNER (OR REPRESENTATIVE), THE CONTRACTOR(S) RESPONSIBLE FOR THE DISTURBANCE AND EROSION CONTROL, AND EROSION CONTROL PERSONNEL TO DISCUSS THE PROJECT AND THE EROSION CONTROL PLAN. DEMOLITION INSPECTOR TO BE NOTIFIED AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF LAND DISTURBING ACTIVITIES AT 919-791-4200.
3. LOCATE A JOB-SITE/INSPECTION BOX IN A SECURE PLACE ON SITE TO HOUSE THE GRADING PERMIT AND APPROVED EROSION CONTROL PLAN AND TO PROVIDE A PLACE FOR INSPECTORS TO LEAVE INSPECTION REPORTS, COMPLIANCE NOTICES, ETC. SITE PERSONNEL SHOULD CHECK THE BOX DAILY FOR THIS CORRESPONDENCE. PROVIDE CONTACT INFORMATION WITH NOTE TO "CONTACT C3 DESIGN & ENGINEERING @ 919-625-7368 SHOULD ANY ISSUES ARISE DURING CONSTRUCTION".
4. INSTALL SILT FENCE, SILT FENCE OUTLETS, CONSTRUCTION EXIT, BASIN, DIVERSIONS (INCLUDING MATTING) AS SHOWN ON THE PLANS. AS NOTED, CONTRACTOR SHALL INSTALL ADDITIONAL OUTLETS AS NEEDED WHERE LOW AREAS EXIST OR DEVELOPED SITE CONDITIONS CREATE PLACE FOR SITE RUNOFF TO COLLECT/POND. CLEAR ONLY AS NEEDED FOR THESE MEASURES.
5. CALL FOR INSPECTION AT 919-542-8268 IF REQUIRED BY THE PERMIT OR DISCUSSED AT THE PRE-CONSTRUCTION MEETING FOR INSPECTION OF INITIAL E&S CONTROL MEASURES.
6. UPON APPROVAL, BEGIN CLEARING AND DEMOLITION ACTIVITIES AS SHOWN.
7. BEGIN EARTHWORK AND EXCAVATION ACTIVITIES TO ACHIEVE THE ROADWAY GRADES AS SOON AS POSSIBLE. ANY BORROW MATERIAL BROUGHT ONTO THIS SITE MUST BE FROM A LEGALLY OPERATED MINE OR ANOTHER APPROVED SOURCE. ANY SOIL WASTE THAT LEAVES THIS SITE CAN BE TRANSPORTED TO A PERMITTED MINE OR SEPARATELY PERMITTED CONSTRUCTION SITES WITHOUT ADDITIONAL PERMITS UNDER NCGS 74-497(d). DISPOSAL AT ANY OTHER LOCATION WOULD HAVE TO BE INCLUDED AS A PERMIT REVISION FOR THIS APPROVAL.
8. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED AS NEEDED, AT LEAST ONCE PER WEEK AND AFTER EVERY 1" RAINFALL EVENT.
9. TEMPORARY SEED AND MULCH ALL AREAS DISTURBED WITHIN MINIMUM REQUIRED TIMEFRAME. SEE TEMPORARY SEEDING SCHEDULE AND THE STABILIZATION TIMEFRAMES NOTED ON THIS SHEET. PER NPDES PERMIT, "GROUND STABILIZATION WILL BE APPLIED WITHIN 14 CALENDAR DAYS FROM LAST LAND DISTURBING ACTIVITY. FOR STEEP SLOPES, THAT AREA MUST BE STABILIZED WITHIN 7 CALENDAR DAYS".
10. INSPECT AND MAINTAIN THE EROSION CONTROL DEVICES SO THEY CONTINUE TO FUNCTION PROPERLY. REFER TO THE EROSION CONTROL DETAILS FOR SPECIFIC INSTRUCTIONS FOR EACH DEVICE. THE PERSON RESPONSIBLE FOR EROSION CONTROL IS ALSO RESPONSIBLE FOR TAKING THE INITIATIVE IN INSPECTING AND MAINTAINING THESE DEVICES. DO NOT WAIT FOR THE EROSION CONTROL INSPECTOR TO POINT OUT THE NEED FOR MAINTENANCE REPAIRS. KEEP MUD AND DEBRIS OFF THE PUBLIC STREET AT ALL TIMES. IF MUD OR DEBRIS IS TRACKED FROM THE SITE, USE A SHOVEL AND BROOM TO REMOVE IT IMMEDIATELY.
11. IF IT IS DETERMINED DURING THE COURSE OF CONSTRUCTION THAT SIGNIFICANT SEDIMENT IS LEAVING THE SITE DESPITE PROPER IMPLEMENTATION AND MAINTENANCE OF THE APPROVED EROSION CONTROL PLAN, THE PERSON RESPONSIBLE FOR THE LAND-DISTURBING ACTIVITY IS OBLIGATED TO TAKE ADDITIONAL PROTECTIVE ACTION AND NOTIFY ENGINEER OF THE NEED FOR ADDITIONAL MEASURES.
12. INSTALL SITE UTILITIES, CONDUIT AND STORM DRAINAGE AS CONSTRUCTION PERMITS.
13. ONCE SITE GRADING IS COMPLETE, PERMANENTLY STABILIZE ALL DISTURBED AREAS, INCLUDING THE REMOVAL OF THE CONSTRUCTION ENTRANCE TO INSTALL BASE FOR PAVING, INSTALL SIDEWALKS AND CURB/GUTTER IN ALL PERMANENT DRIVES SO THAT THEY CAN BE STABILIZED WITH STONE BASE.
14. PLACE TOPSOIL AND PERMANENTLY SEED OR OTHERWISE STABILIZE THE REMAINING LANDSCAPED AREAS PER THE PLANS.
15. ONCE STONE BASE IS APPLIED, CALL EROSION CONTROL INSPECTOR FOR APPROVAL TO DECOMMISSION AND REMOVE THE SEDIMENT BASIN. CONTRACTOR SHALL USE A SILT BAG IF PUMPING OF WATER IS REQUIRED. IF SOILS ARE OVERLY WET AND UNABLE TO BE TRANSPORTED, CONTRACTOR SHALL PROVIDE A SUITABLE AREA ADJACENT TO THE BASIN WHERE THE SOOPY SOILS CAN BE PLACED AND COMPLETELY SURROUNDED WITH SILT FENCE. SOILS SHALL BE DEPOSITED HERE AND ALLOWED TO DRAIN/DRY UNTIL THEY CAN BE LOADED INTO A TRUCK AND HAULED AWAY OR USED ON-SITE.
16. DECOMMISSION SKIMMER BASIN, DEWATER USING SILT BAGS PER DETAIL AND ALL REMAINING SILT MUST BE MUCKED OUT AND DISPOSED OF ACCORDINGLY. REGRADE AREA FOR THE FINAL SURFACE TREATMENTS AND SITE IMPROVEMENTS SHOWN. SUITABLE FILL SHALL BE USED TO ACHIEVE PERMANENT GRADES AS SHOWN. SUITABLE FILL AND PIPE BACKFILL TO BE CONFIRMED AND TESTED BY THIRD PARTY CMT FIRM.
17. SITE STABILIZATION IS REQUIRED PRIOR TO FINAL APPROVAL OF GRADING PERMIT AND ISSUANCE OF CERTIFICATE OF OCCUPANCY. GRASS UTILIZED AS PERMANENT GROUND COVER MUST BE AT A MOWABLE HEIGHT THAT GENERALLY PROVIDES AT LEAST 80% COVERAGE THROUGHOUT THE SITE, WITH NO LARGE BARE PATCHES OR EVIDENCE OF EROSION.
18. ONCE ALL AREAS ARE STABILIZED, CALL EROSION CONTROL OFFICER AT (919) 791-4200 FOR INSPECTION AND APPROVAL TO REMOVE SILT FENCE AND OTHER REMAINING EROSION CONTROL MEASURES.
19. REMOVE MEASURES AND PLACE TOPSOIL AND PERMANENTLY SEED OR OTHERWISE STABILIZE THE REMAINING DISTURBED AREAS PER THE PLANS.
20. WHEN THE PROJECT IS COMPLETE, THE PERMITTEES SHALL CONTACT DEMLR TO CLOSE OUT THE E&S PLAN.
21. AFTER DEMLR INFORMS THE PERMITTEE OF THE PROJECT CLOSE OUT, VIA INSPECTION REPORT, THE PERMITTEE SHALL VISIT DEMLR 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.

**EROSION CONTROL NOTES:**

1. THIS SITE IS SUBJECT TO ALL EROSION AND STORMWATER REQUIREMENTS ASSOCIATED WITH CHATHAM COUNTY ORDINANCES.
2. ALL EROSION CONTROL MEASURES SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF CHATHAM COUNTY. THESE CURRENT STANDARDS AND SPECIFICATIONS CAN BE FOUND AT: <https://www.chathamnc.org/government/departments-programs/watershed-protection/erosion-control/standard-details> AND SHALL BE SUPERSEDED BY ANY EROSION DETAILS THAT HAVE BEEN PROVIDED ON THESE PLANS.
3. MEASURES PROPOSED FOR THIS SITE ARE STANDARD PRACTICE FOR SITES WITH MINIMAL GRADE CHANGE. HOWEVER, ALL APPLICABLE LAWS AND REGULATIONS REQUIRING DUE CARE AND TREATMENT OF CONSTRUCTION RELATED SEDIMENT LADEN RUNOFF SHALL STILL APPLY AND BE STRICTLY ADHERED TO.
4. SILT FENCE OUTLETS HAVE BEEN SHOWN AT LOCATIONS WHERE IT APPEARS SITE RUNOFF WILL POND OR DRAIN TO. ADDITIONAL OUTLETS SHALL BE PROVIDED AS NEEDED WHERE SITE CONDITIONS DIFFER AND STORMWATER PONDS DURING CONSTRUCTION.
5. SEE DETAIL SHEET C-2.3 FOR SEEDING REQUIREMENTS. ALL AREAS SHALL BE SODDED, MULCHED OR OTHERWISE COVERED PER THE STABILIZATION CHART BELOW HEREIN.
6. ALL SLOPES GREATER THAN 3:1 SHALL BE COVERED WITH NORTH AMERICAN GREEN (NAG) SC150 OR APPROVED EQUAL. ALL OTHER AREAS SHALL BE COVERED/MATTED AS SPECIFIED ON THE PLANS.
7. CONTRACTOR SHALL MAINTAIN AND REPLENISH THE CONSTRUCTION ENTRANCE AS NEEDED TO MAINTAIN EFFECTIVENESS AT CLEANING TIRES OF CONSTRUCTION EQUIPMENT PRIOR TO EXITING THE SITE.
8. THE CONTRACTOR SHALL CONDUCT SELF-INSPECTIONS OF THE EROSION AND SEDIMENTATION CONTROL MEASURES AND COMPLETE THE FOLLOWING COMBINED SELF-INSPECTION FORM FOUND ON THE DEMLR WEBSITE (<https://deq.nc.gov/AR/ABOUT/DIVISIONS/ENERGY-MINERAL-LAND-RESOURCES/EROSION-SEDIMENT-CONTROL/FORMS>). COMPLETE INSPECTION FORMS SHALL BE KEPT ON-SITE AND AVAILABLE FOR INSPECTION AT ALL TIMES. IT IS RECOMMENDED A COPY BE KEPT IN A PERMITS BOX." (GS113A-54.1 (E), ISA NCA 048.031, NCG01 SECTION IIB (B)). EROSION AND SEDIMENT CONTROL (E&S) PERMIT AND A CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE ANY LAND DISTURBING ACTIVITIES OCCUR. A COPY OF THE E&S 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 FILING OUT THE ELECTRONIC NOTICE OF INTENT (E-NOT) FORM AT [DEQ.NC.GOV/NCGI](https://deq.nc.gov/AR/ABOUT/DIVISIONS/ENERGY-MINERAL-LAND-RESOURCES/EROSION-SEDIMENT-CONTROL/FORMS). PLEASE NOTE, THE E-NOT FORM MAY ONLY BE FILLED OUT ONCE THE PLANS HAVE BEEN APPROVED.
9. 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 E&S 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.
10. OBTAIN ALL THE APPROVALS AND PERMITS NECESSARY TO BEGIN AND COMPLETE THE PROJECT. THESE APPROVALS AND PERMITS INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING: APPROVAL OF SITE DESIGN ZONING, ETC.; APPROVAL OF DESIGNS FOR STREETS, UTILITIES, ETC.; EROSION CONTROL PLAN APPROVAL AND GRADING PERMIT; ZONING COMPLIANCE PERMIT; DRIVEWAY PERMIT FROM NCDOT. THE APPROVALS MUST BE OBTAINED BEFORE THE DISTURBANCE BEGINS SO THAT WORK WILL NOT BE INTERRUPTED DUE TO LACK OF APPROVED PLANS. SUBMIT DOCUMENTATION REQUIRED UNDER THE SITE NPDES STORMWATER PERMIT FOR CONSTRUCTION ACTIVITY (NCG010000) TO STORMWATER INSPECTIONS THROUGHOUT THE PROJECT.

**NC DENR SELF-INSPECTION PROGRAM:**

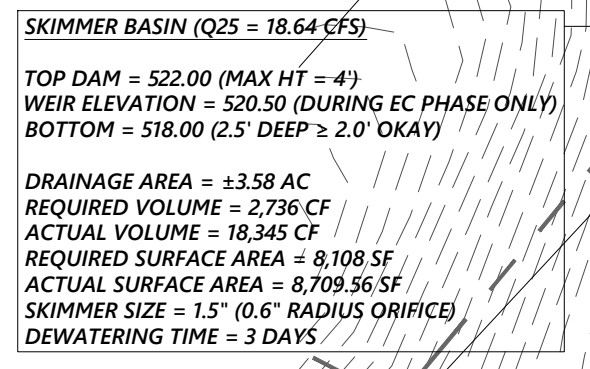
THE SEDIMENTATION POLLUTION CONTROL ACT WAS AMENDED IN 2006 TO REQUIRE THAT PERSONS RESPONSIBLE FOR LAND-DISTURBING ACTIVITIES INSPECT A PROJECT AFTER EACH PHASE OF THE PROJECT TO MAKE SURE THAT THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN IS BEING FOLLOWED.

RULES DETAILING THE DOCUMENTATION OF THESE INSPECTIONS TAKE EFFECT OCTOBER 1, 2010.

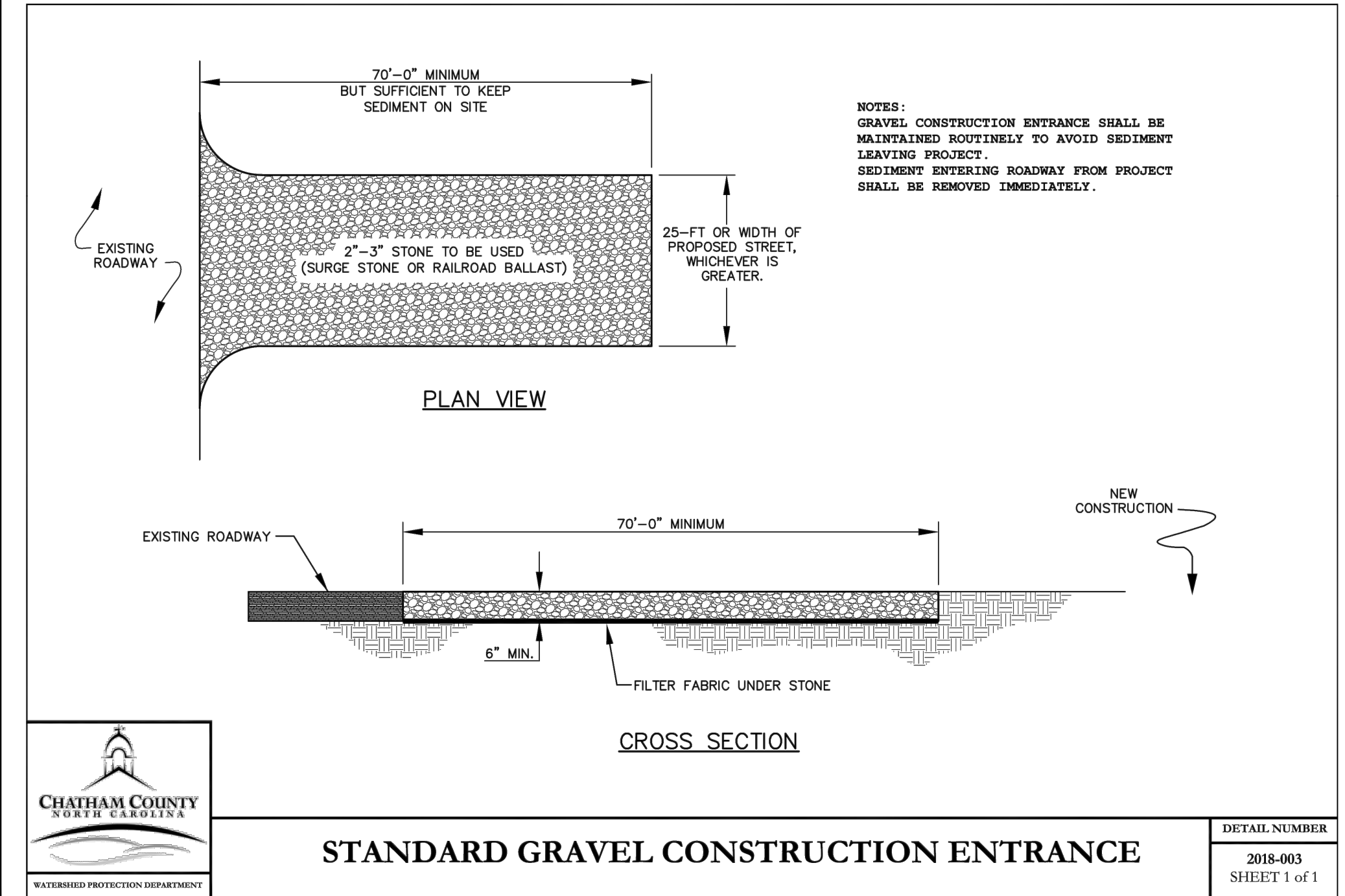
THE SELF-INSPECTION PROGRAM IS SEPARATE FROM THE WEEKLY SELF-MONITORING PROGRAM OF THE NPDES STORMWATER PERMIT FOR CONSTRUCTION ACTIVITIES. THE FOCUS OF THE SELF-INSPECTION REPORT IS THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL MEASURES ACCORDING TO THE APPROVED PLAN. THE INSPECTIONS SHOULD BE CONDUCTED AFTER EACH PHASE OF THE PROJECT, AND CONTINUED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.

THE SELF-INSPECTION REPORT FORM IS AVAILABLE AS AN EXCEL SPREADSHEET FROM THE LAND QUALITY WEB SITE.

<http://portal.ncdenr.gov/web/1/erosion>



DIVERSION / DITCH SCHEDULE									
NAME	Q25	V25	SIDESLOPES (X:1)	SLOPE (%)	TOTAL DEPTH	DEPTH OF FLOW	FREE BOARD	SHEAR STRESS	LINING
DD1	2.81	5.40	3.00	6.50	1.50	0.43	1.07	1.74	SC 150
DD2	2.33	5.27	3.00	6.50	1.50	0.47	1.03	1.91	SC 150



**LEGEND & NOMENCLATURE**

<b>SYMBOLS</b>	<b>LINE TYPES</b>	<b>ABBREVIATIONS</b>
<ul style="list-style-type: none"> <li>Ex. iron pipe/rod or nail</li> <li>Ex. concrete monument</li> <li>New iron pipe</li> <li>Calculated point</li> <li>Cable pedestal</li> <li>Telephone pedestal</li> <li>Electric pedestal</li> <li>Fiber-optic marker</li> <li>Traffic signal box</li> <li>Water meter</li> <li>Fire hydrant</li> <li>Valve (water or gas)</li> <li>Sanitary sewer manhole</li> <li>Sanitary sewer cleanout</li> <li>Storm curb inlet</li> <li>Drainage inlet (w/ grate)</li> <li>Storm drain manhole</li> <li>Utility pole</li> <li>Lamp post</li> <li>Signal pole</li> <li>Guy wire</li> <li>Sign post</li> <li>Straw Wattle</li> <li>Silt Fence Outlet</li> <li>Inlet Protection (Block &amp; Gravel or Hardware Cloth)</li> </ul>	<ul style="list-style-type: none"> <li>X Fence</li> <li>SF Silt Fence</li> <li>LD Limited disturbance</li> <li>SD Prop. storm drain</li> <li>Extents of Clearing/ New Tree Line</li> <li>Existing Tree Line</li> <li>Baffles</li> <li>Diversion</li> <li>Construction Entrance/Exit</li> <li>Temporary Diversion Ditch</li> <li>Permanent Diversion Ditch</li> <li>Inlet Protection</li> <li>Slope Blanket</li> <li>Silt Fence</li> <li>Silt Fence Outlet</li> <li>Straw Wattle</li> <li>Temporary Seeding</li> <li>Permanent Seeding</li> <li>Tree Protection Fence</li> <li>Concrete Washout Area</li> <li>Silt Bag Dewatering</li> </ul>	<ul style="list-style-type: none"> <li>DB Deed Book</li> <li>PB or BM Plat or Map Book</li> <li>N/F Now or formerly</li> <li>Pg. Page</li> <li>SF Square feet</li> <li>Ac. Acres</li> <li>R/W Right-of-way</li> <li>NCSR NC State Route</li> <li>NCDOT NC Dept. of Trans.</li> <li>R/W Right-of-way</li> <li>Ex. Existing</li> <li>RCP Reinforced concrete pipe</li> <li>PVC Polyvinyl chloride pipe</li> <li>(M) Measured</li> <li>AG Above ground</li> <li>BG Below ground</li> </ul>



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919.422.1517

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Credentialed by: www.c3designeng.com  
919.625.7368

CONSTRUCTION DRAWINGS  
HOBBY FARM SUBDIVISION  
3267 ANDREWS STORE ROAD, PITTSBORO NC 27312  
CHATHAM COUNTY, NORTH CAROLINA

**INFRASTRUCTURE & EROSION CONTROL PLAN PHASE 1**

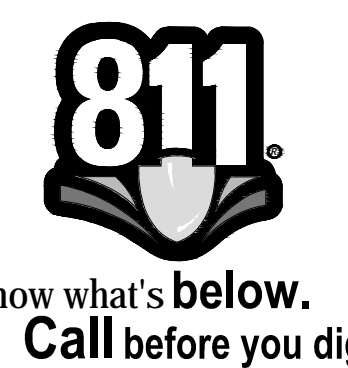
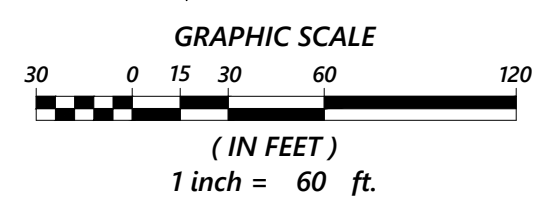
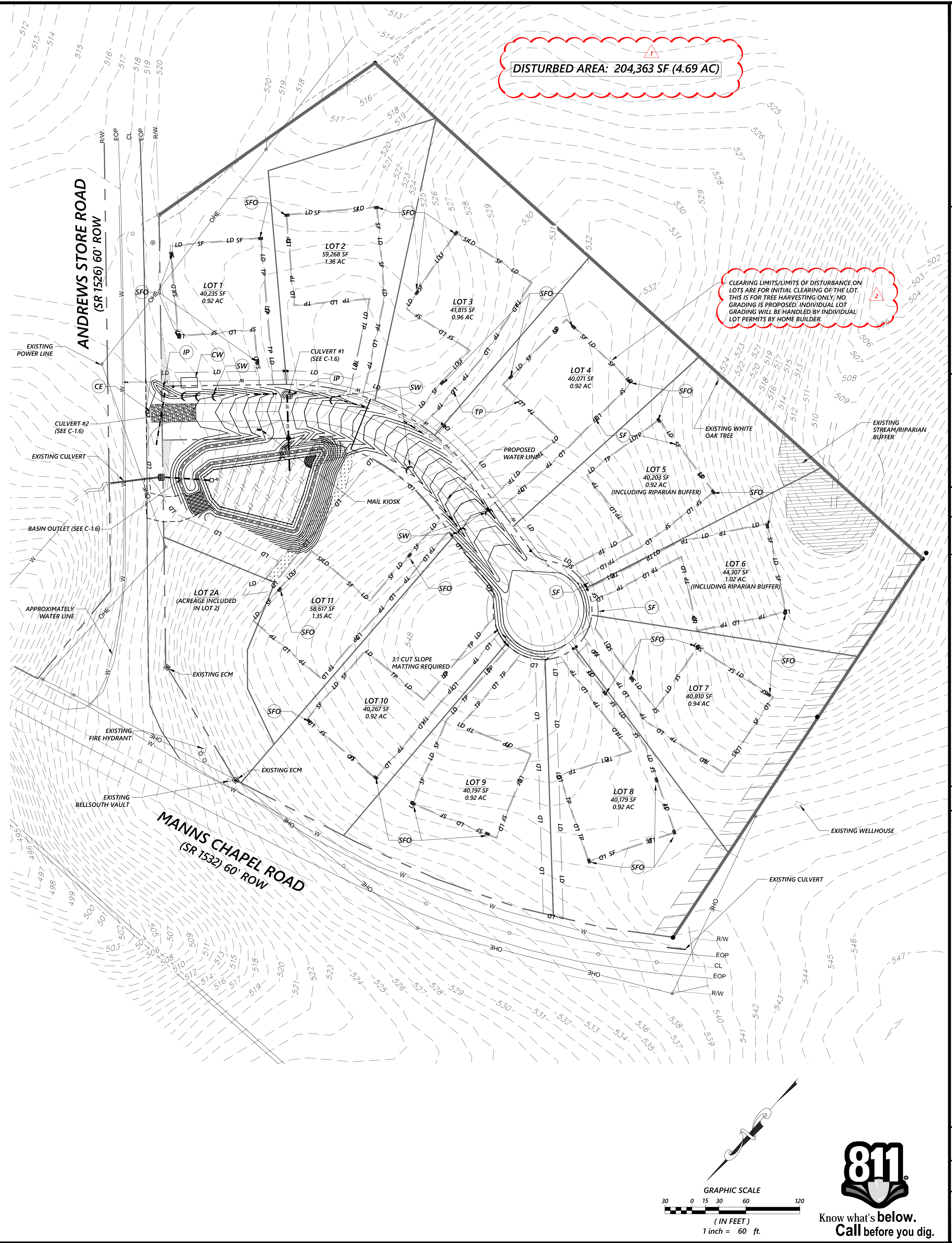
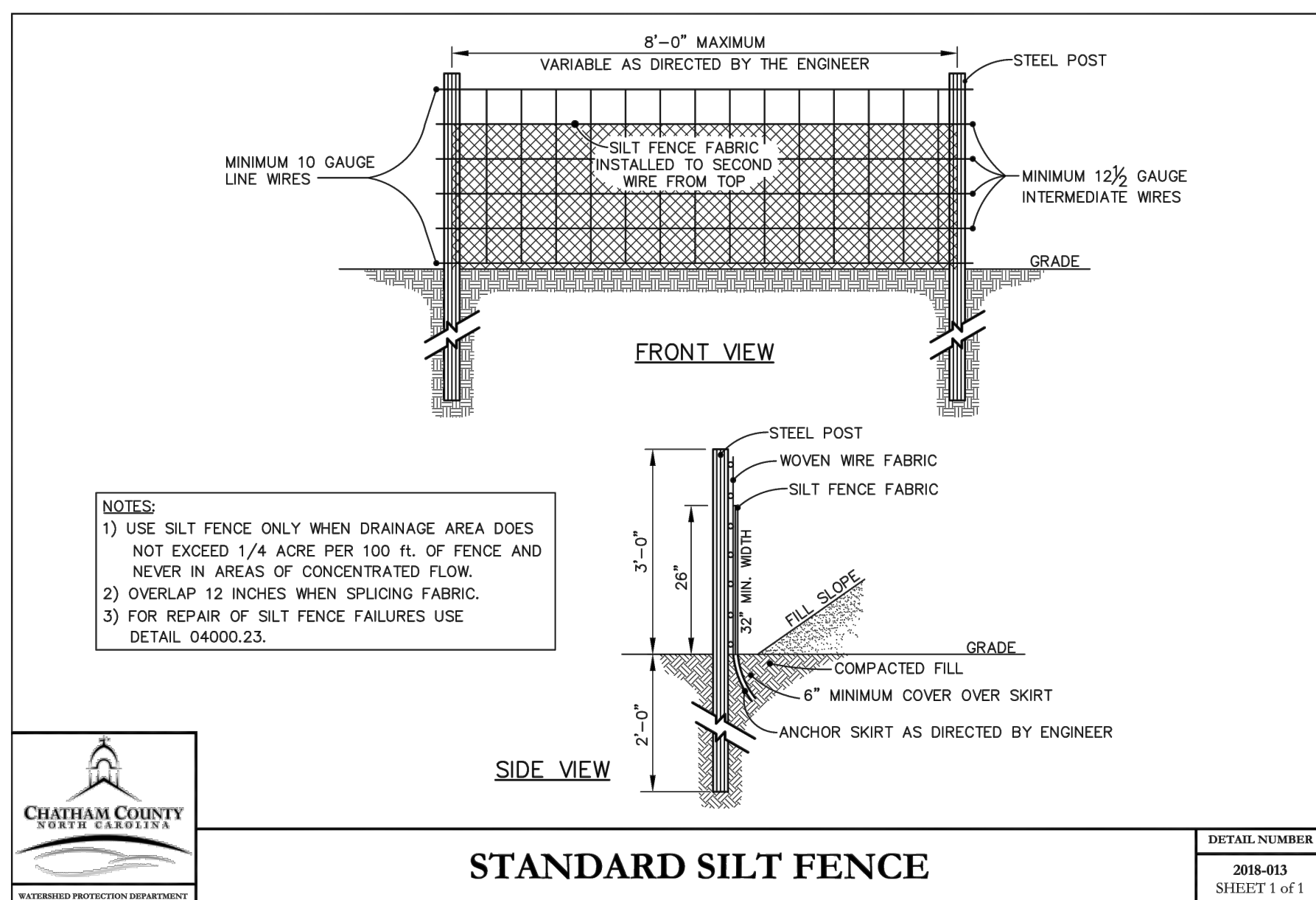
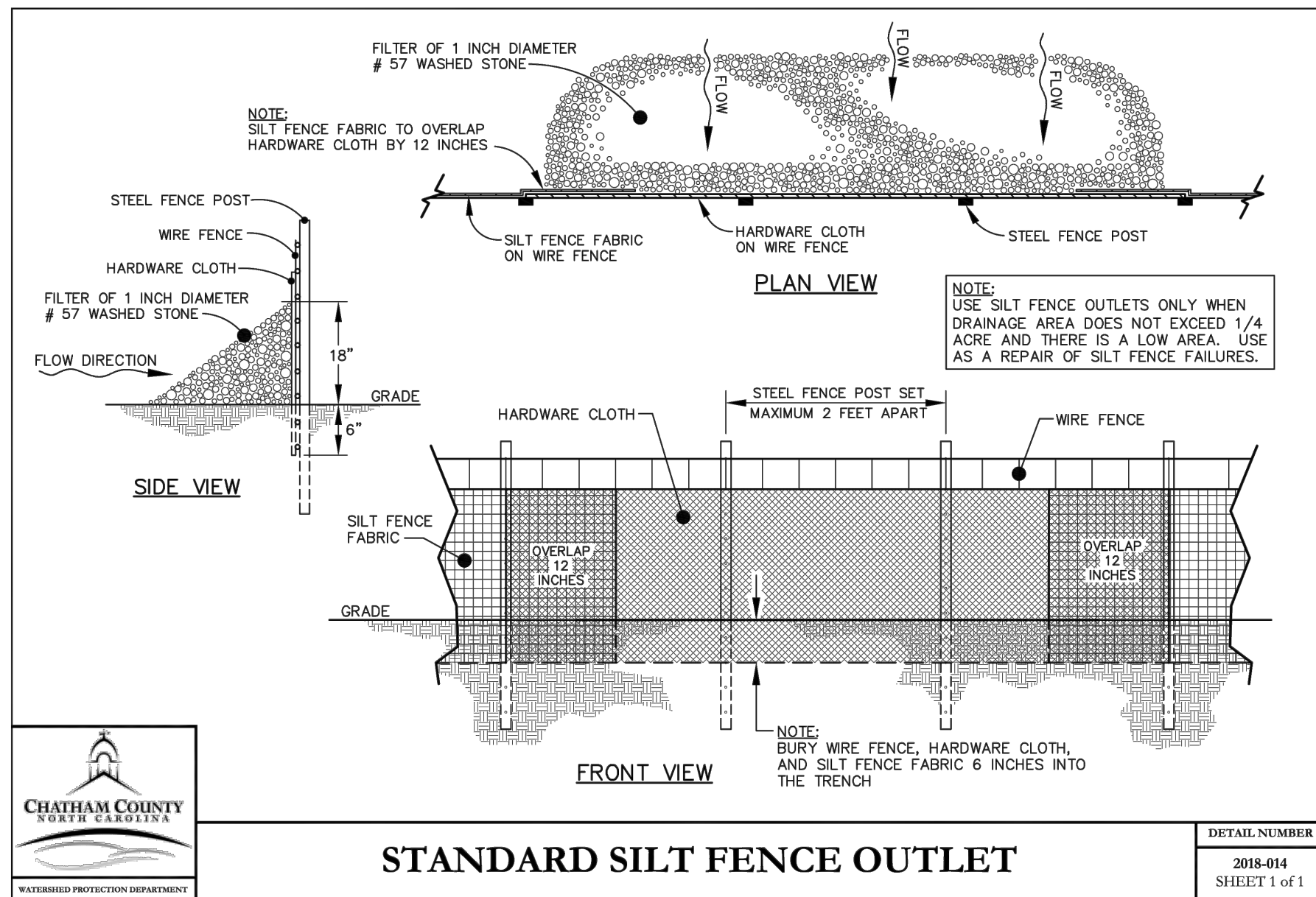
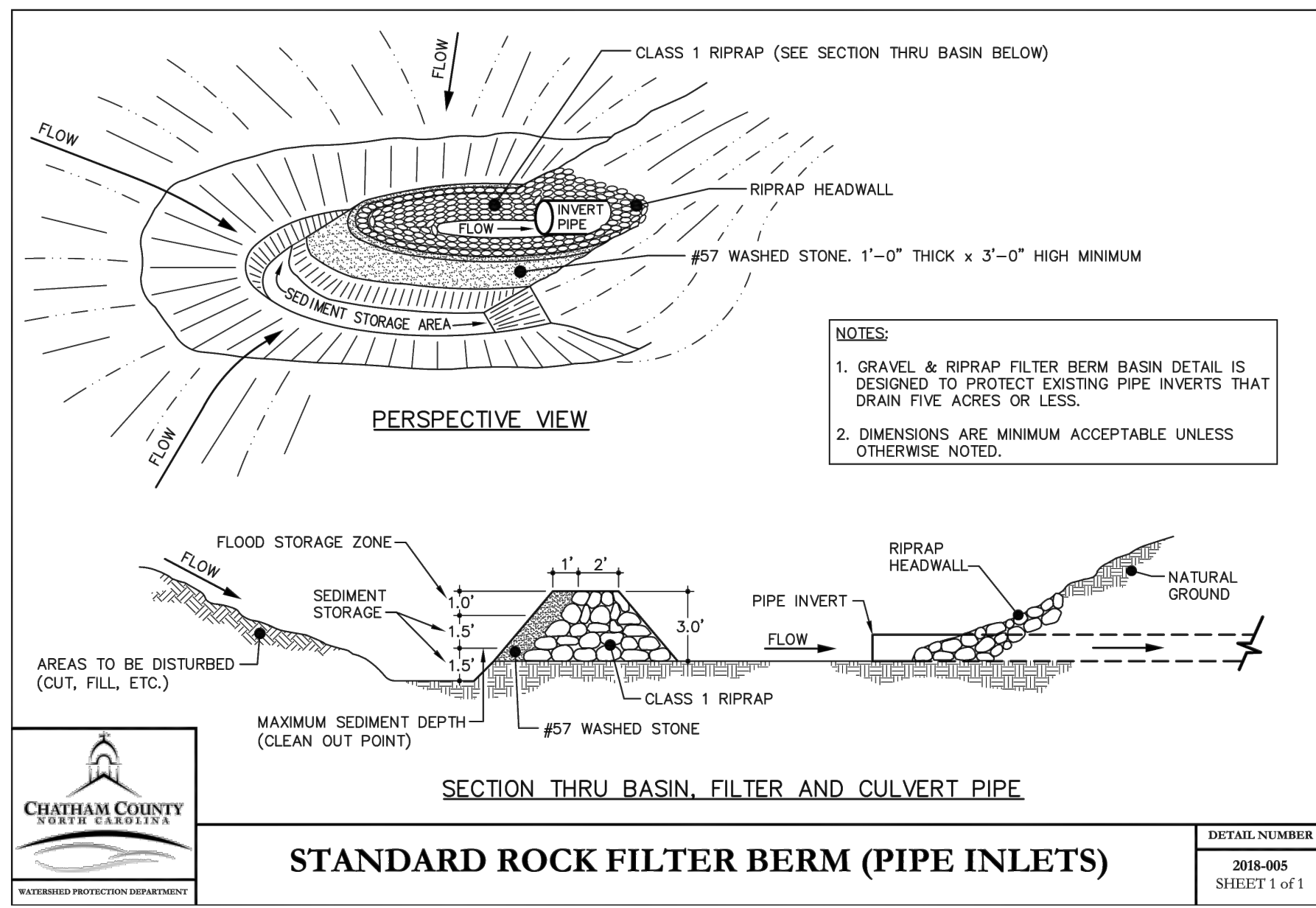
C3 PROJECT #: 18-067  
REVIEW PROJECT #: XX-XXX  
SHEET #: C-1.4

6 CEA 2/25/20  
5 NCDOT COMMENTS 2/24/20  
4 CEA 2/24/20  
3 NCDOT COMMENTS 2/19/20  
2 ABA 2/19/20  
1 JHS 02/06/20  
1 JHS 12/20/19  
1 CC. EROSION CONTROL COMMENTS  
FIRST ISSUED

REVISIONS  
DATE BY

GRAPHIC SCALE  
30 0 15 30 60 120  
(IN FEET)  
1 inch = 60 ft.

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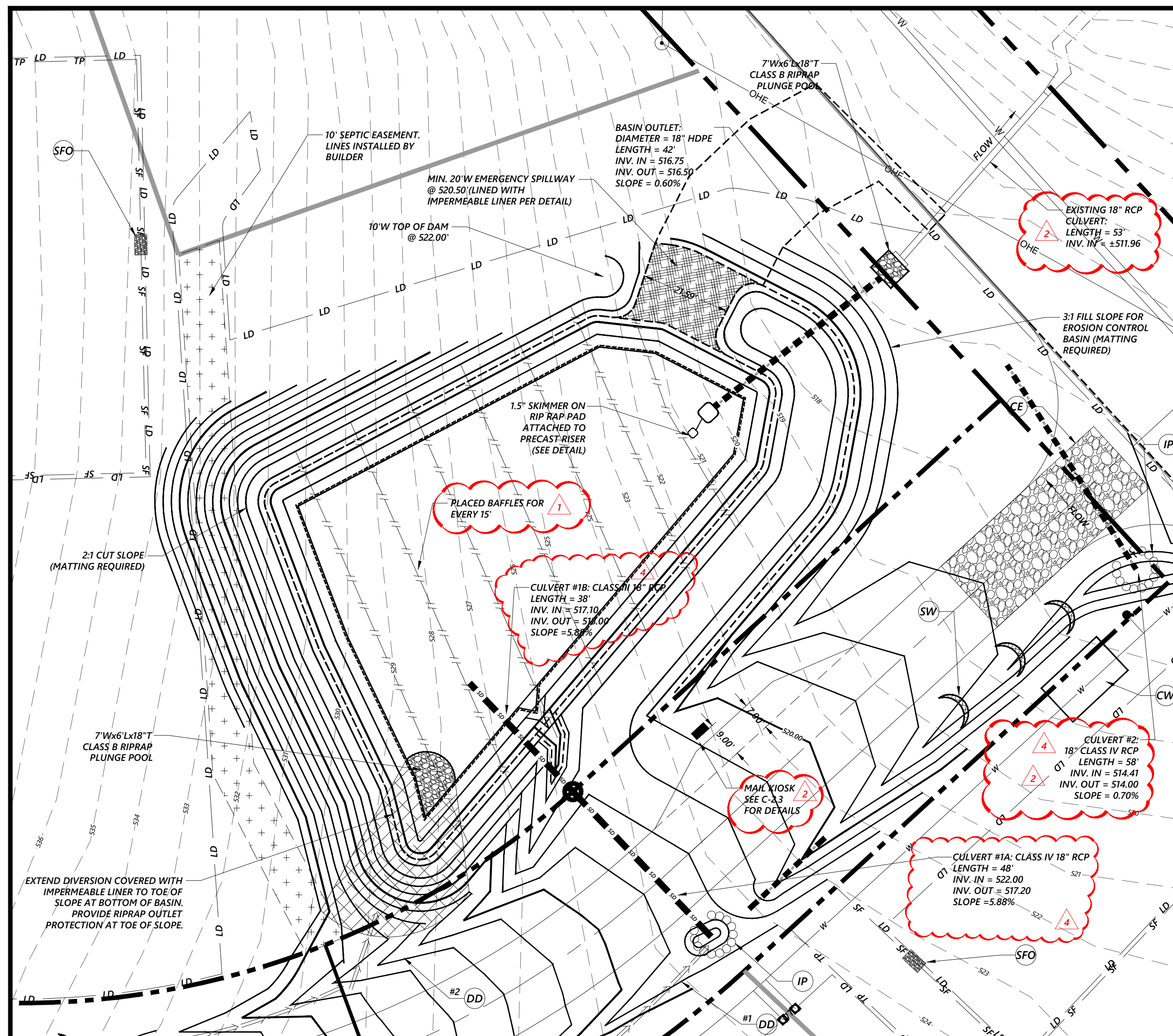


NO.	DATE	BY	REVISIONS
6	CEA		
5	2/25/20		NC DOT COMMENTS
4	2/24/20		CEA
3	2/19/20		ABA
2	02/06/20		JHS
1	12/20/19		JHS
			CC UTILITY, STORM, NCDOT COMMENTS
			FIRST ISSUED

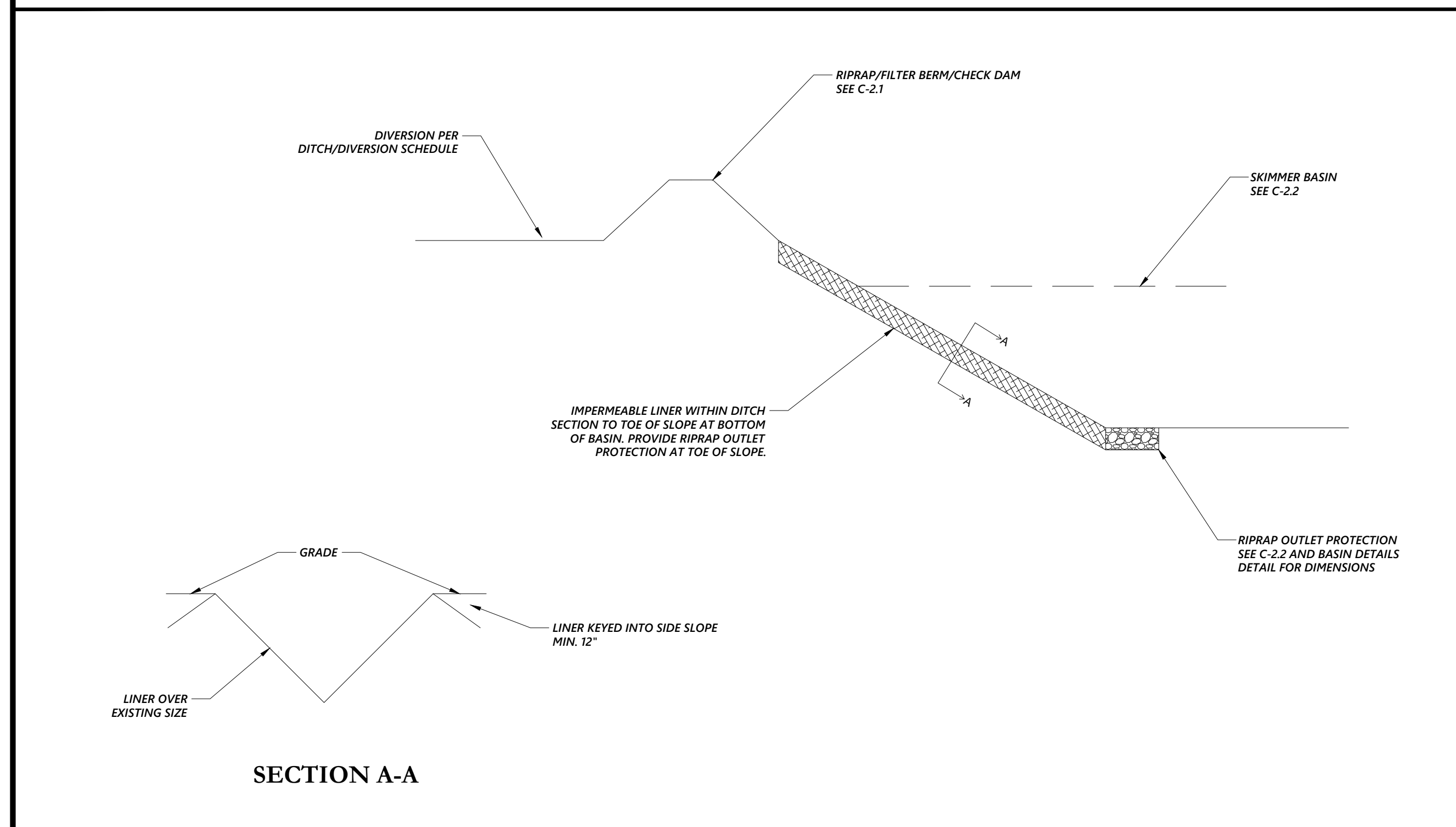
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CHATHAM COUNTY, NORTH CAROLINA

**INFRASTRUCTURE & EROSION CONTROL PLAN PHASE 2**

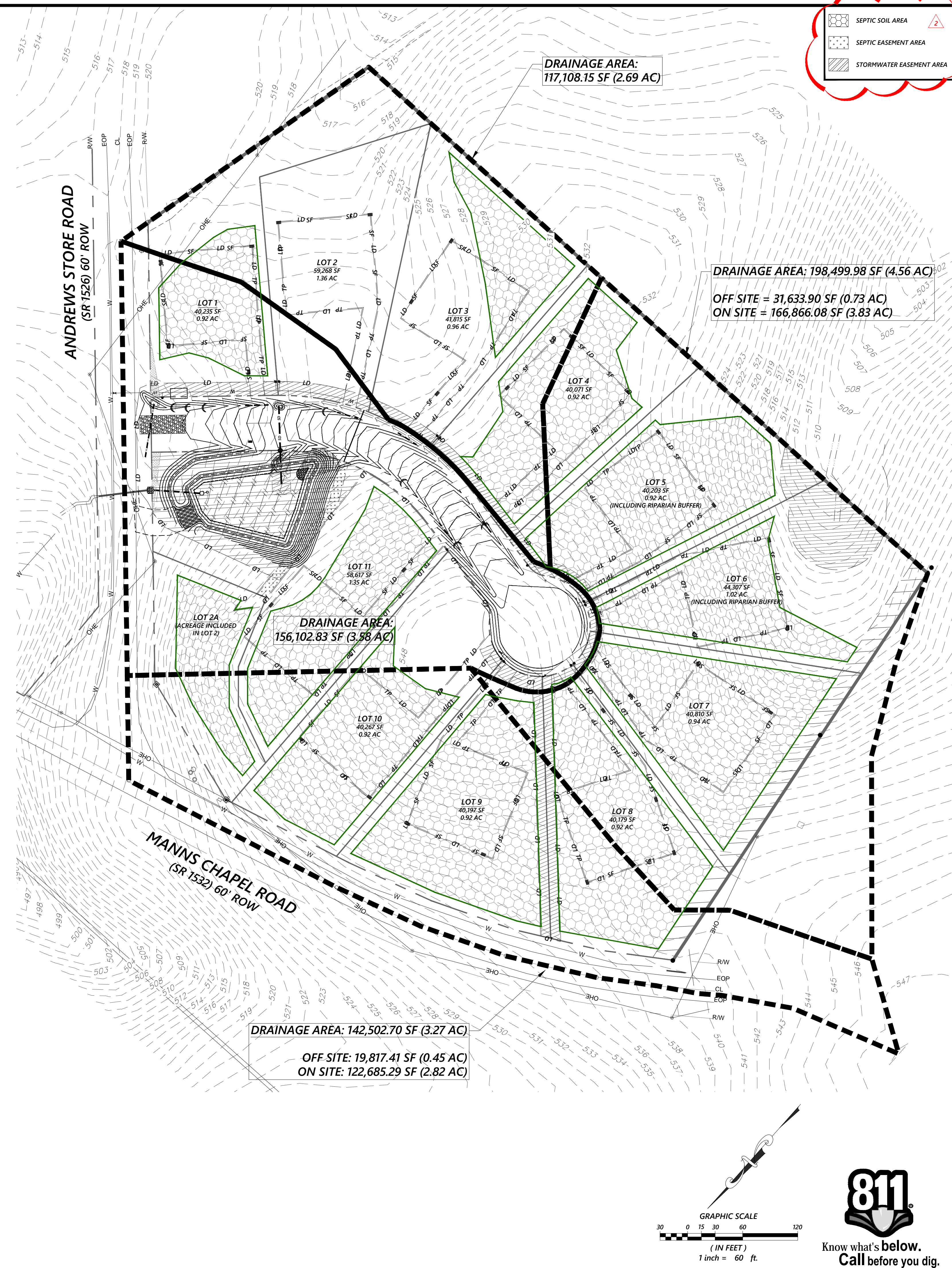
C3 PROJECT #: 18-067  
REVIEW PROJECT #: XX-XXX  
SHEET #: C-1.5



**EROSION CONTROL BASIN DETAIL - PLAN VIEW**  
SCALE: 1" = 20'

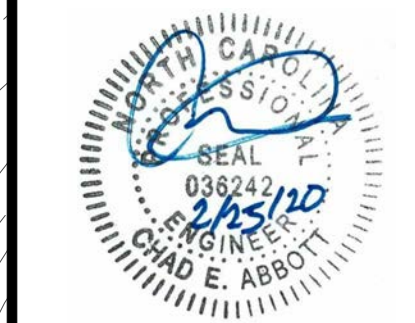


**STANDARD DETAIL FOR DIVERSION BERM**



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C3engr@nc.earthlink.net  
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NO.	DATE	BY	REVISIONS
6	2/25/20	CEA	
5	2/24/20	CEA	NCDOT COMMENTS
4	2/19/20	ABA	NCDOT COMMENTS
3	02/06/20	JHS	NCDOT COMMENTS
2	12/20/19	JHS	CC. UTILITY, STORM, NCDOT COMMENTS
1			CC. EROSION CONTROL COMMENTS
			FIRST ISSUED

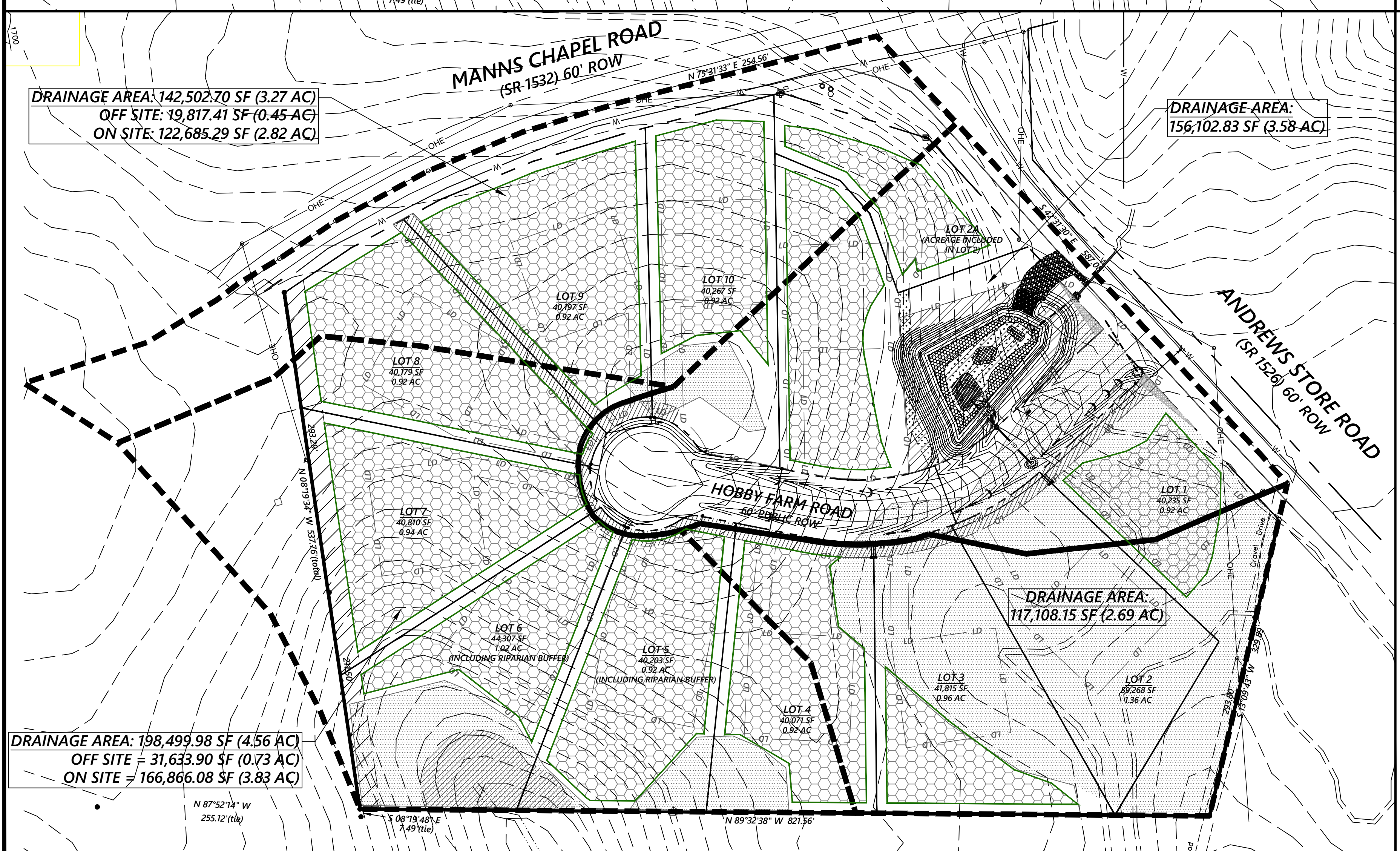
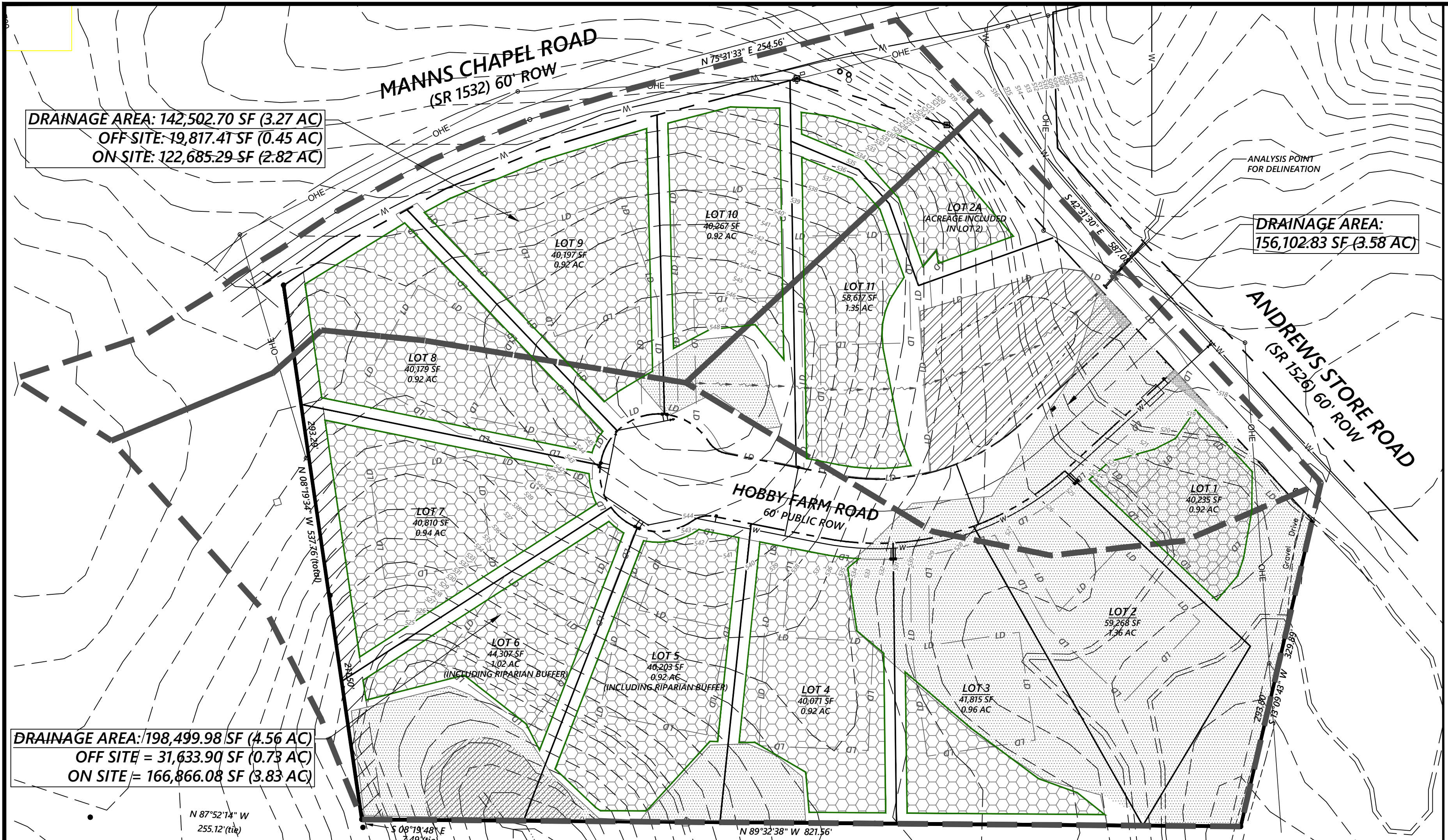
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CHATHAM COUNTY, NORTH CAROLINA

**BASIN PLAN AND DRAINAGE AREA MAP**

C3 PROJECT #: 18-067  
REVIEW PROJECT #: XX-XXX  
SHEET #: C-1.6

GRAPHIC SCALE  
 (IN FEET)  
 1 inch = 60 ft.

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**DISTURBED AREA: 204,363 SF (4.69 AC)**

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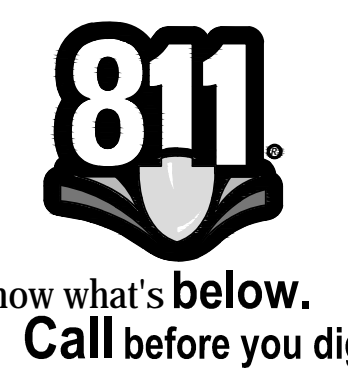
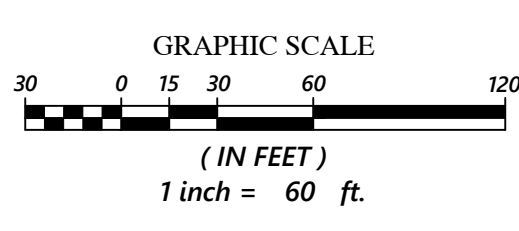


NO.	DATE	BY	REVISIONS
6	2/25/20	CEA	
5	2/24/20	CEA	NCDOT COMMENTS
4	2/19/20	ABA	NCDOT COMMENTS
3	02/06/20	JHS	CC. UTILITY, STORM, NCDOT COMMENTS
2	12/20/19	JHS	CC. EROSION CONTROL COMMENTS
1			FIRST ISSUED

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CHATHAM COUNTY, NORTH CAROLINA

**DELINEATION AND DRAINAGE PLAN**

C3 PROJECT #: 18-067  
REVIEW PROJECT #: XX-XXX  
SHEET #: **C-1.7**



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