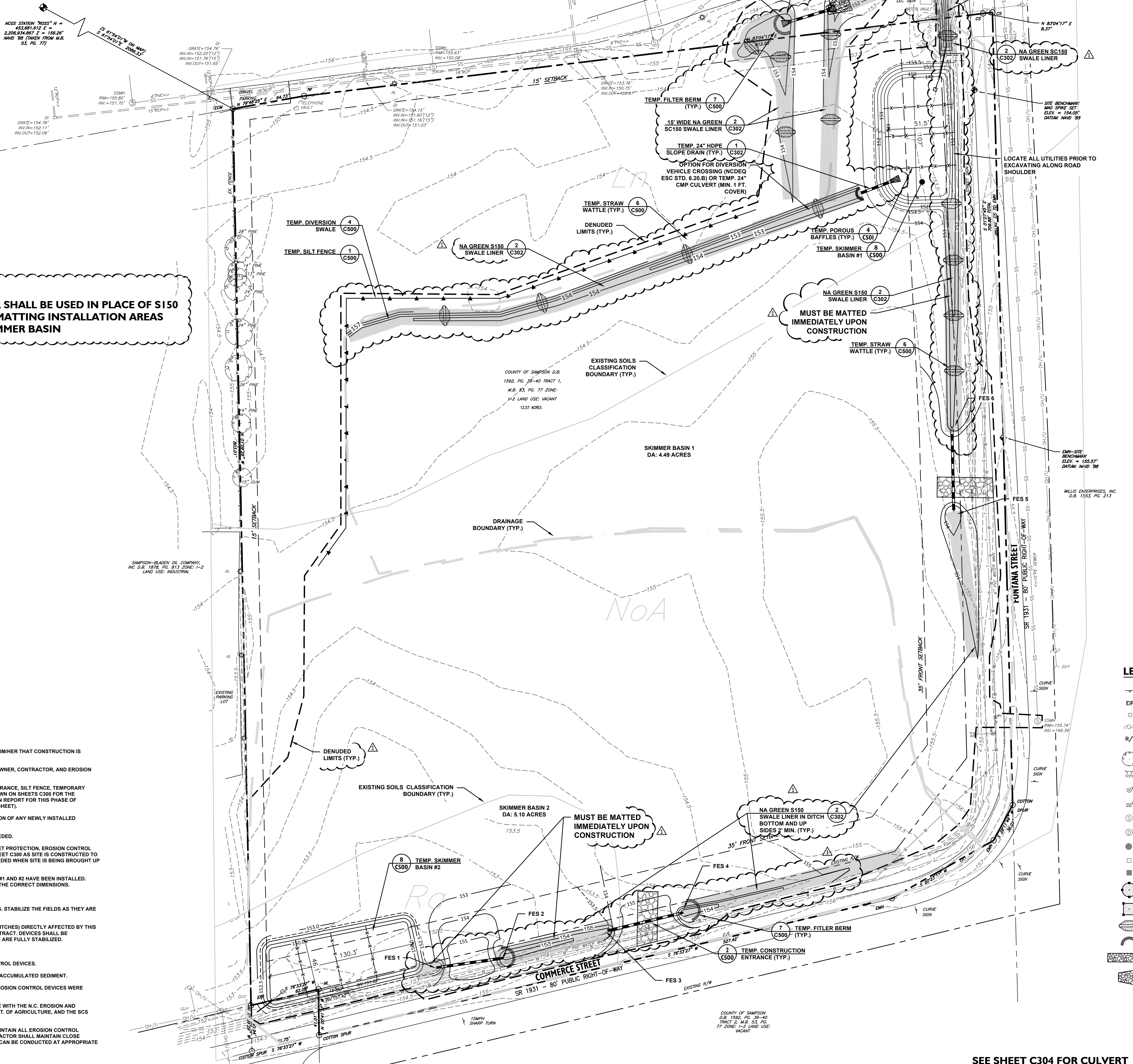


VICINITY MAP  
NTS

STABILIZATION TIMEFRAMES (Effective Aug. 9, 2019)		
SITE AREA DESCRIPTION	STABILIZATION	TIMEFRAME EXCEPTIONS
Perimeter dikes, swales, ditches, slopes	7 days	None
High Quality Water (HQW) Zones	7 days	None
Slopes steeper than 3:1	7 days	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed.
Slopes 2:1 or flatter	14 days	7 days for slopes greater than 60' in length.
All other areas with slopes flatter than 4:1	14 days	None, except for perimeters and HQW Zones.

COUNTY OF SAMPSON  
D.B. 1246, PG. 992  
ZONE: I-2  
LAND USE: GOVERNMENT



NOTE: NA GREEN SC150 LINER SHALL BE USED IN PLACE OF S150 LINER FOR ALL SWALES AND MATTING INSTALLATION AREAS NOT DISCHARGING TO A SKIMMER BASIN

#### CONSTRUCTION SEQUENCE:

- CONTACT NCDEQ EROSION CONTROL INSPECTOR TO INFORM HIM/HER THAT CONSTRUCTION IS READY TO BEGIN.
- CONDUCT A PRE CONSTRUCTION ONSITE MEETING WITH THE OWNER, CONTRACTOR, AND EROSION CONTROL INSPECTOR.
- CLEARING ONLY AS NECESSARY, INSTALL CONSTRUCTION ENTRANCE, SILT FENCE, TEMPORARY DIVERSION SWALES, AND EROSION CONTROL DEVICES AS SHOWN ON SHEET C300 FOR THE PRE-EROSION CONTROL PHASE. COMPLETE A SELF INSPECTION REPORT FOR THIS PHASE OF CONSTRUCTION (SEE SELF INSPECTION REQUIREMENTS, THIS SHEET).
- TEMP. SEED ALL NEW DENUDED AREAS FROM THE INSTALLATION OF ANY NEWLY INSTALLED EROSION CONTROL MEASURES.
- CLEAR REMAINING VEGETATION WITHIN PROJECT LIMITS IF NEEDED.
- BEGIN BRINGING SITE UP TO GRADE. INSTALL TEMPORARY INLET PROTECTION, EROSION CONTROL DEVICES & TEMPORARY DIVERSION SWALES AS SHOWN ON SHEET C300 AS SITE IS CONSTRUCTED TO FINAL GRADE. INSTALL ADDITIONAL INLET PROTECTION AS NEEDED WHEN SITE IS BEING BROUGHT UP TO GRADE AND STORM DRAINAGE IS INSTALLED.
- COMPLETE SELF INSPECTION REPORT ONCE SKIMMER BASINS #1 AND #2 HAVE BEEN INSTALLED. STABILIZE ALL BASINS ONCE THEY HAVE BEEN CHECKED FOR THE CORRECT DIMENSIONS.
- SEE SEEDING SCHEDULE FOR SEED TYPE, DATES, AND RATES.
- COMPLETE ALL CONSTRUCTION WITHIN THESE PROJECT LIMITS. STABILIZE THE FIELDS AS THEY ARE BEING CONSTRUCTED.
- EROSION CONTROL MEASURES (BASINS, FENCES, DIVERSION DITCHES) DIRECTLY AFFECTED BY THIS CONTRACT SHALL BE MAINTAINED/REMOVED UNDER THIS CONTRACT. DEVICES SHALL BE MAINTAINED TO MAX. 50% CAPACITY UNTIL AREAS THEY SERVE ARE FULLY STABILIZED.
- PROVIDE PERMANENT GRASSING FOR ALL DISTURBED AREAS.
- CONTACT NCDEQ FOR PERMISSION TO REMOVE EROSION CONTROL DEVICES.
- REMOVE ALL EROSION CONTROL DEVICES. SPREAD AND SEED ACCUMULATED SEDIMENT.
- CONSTRUCT ALL HARDCAPING NOT INSTALLED WHILE THE EROSION CONTROL DEVICES WERE IN PLACE.
- ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE N.C. EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL, U.S. DEPT. OF AGRICULTURE AND THE SCS EROSION CONTROL ORDINANCE.
- THE CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL DEVICES AND STRUCTURES TO MINIMIZE EROSION. THE CONTRACTOR SHALL MAINTAIN CLOSE CONTACT WITH THE NCDEQ SO THAT PERIODIC INSPECTIONS CAN BE CONDUCTED AT APPROPRIATE STAGES OF CONSTRUCTION.
- ESTIMATED TIME BEFORE FINAL STABILIZATION IS 6 MONTHS.

#### EROSION CONTROL NOTES:

- SOIL STABILIZATION SHALL BE ACHIEVED ON ANY AREA OF A SITE WHERE LAND-DISTURBING ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. ACCORDING TO THE FOLLOWING SCHEDULE:  
1A. ALL PERIMETER DIKES, SWALES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.  
1B. ALL OTHER DISTURBED AREAS SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 14 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.  
1C. CONDITIONS - IN MEETING THE STABILIZATION REQUIREMENTS ABOVE, THE FOLLOWING CONDITIONS OR EXEMPTIONS SHALL APPLY:  
1D. EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING AUTHORITY BASED ON WEATHER OR OTHER SITE-SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTICABLE.  
1E. ALL SLOPES 50' IN LENGTH OR GREATER SHALL APPLY THE GROUND COVER WITHIN 7 DAYS EXCEPT WHEN THE SLOPE IS FLATTER THAN 4:1. SLOPES LESS THAN 50' SHALL APPLY GROUND COVER WITHIN 14 DAYS EXCEPT WHEN SLOPES ARE STEEPER THAN 3:1. THE 7 DAY REQUIREMENT APPLIES.  
1F. ANY SLOPED AREA FLATTER THAN 4:1 SHALL BE EXEMPT FROM THE 7 DAY GROUND COVER REQUIREMENT.  
1G. SLOPES 10' OR LESS IN LENGTH SHALL BE EXEMPT FROM THE 7 DAY GROUND COVER REQUIREMENT EXCEPT WHEN THE SLOPE IS STEEPER THAN 2:1.  
1H. ALTHOUGH STABILIZATION IS USUALLY SPECIFIED AS GROUND COVER, OTHER METHODS, SUCH AS CHEMICAL STABILIZATION, MAY BE ALLOWED ON A CASE-BY-CASE BASIS.  
1I. FOR PORTIONS OF PROJECTS WITHIN THE SEDIMENT CONTROL COMMISSION-DEFINED HIGH QUALITY WATER ZONE (15A NCA 04A 016), STABILIZATION WITH GROUND COVER SHALL BE ACHIEVED AS SOON AS PRACTICABLE BUT IN ANY EVENT ON ALL AREAS OF THE SITE WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACT.  
1J. ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY A REPRESENTATIVE OF NCDEQ STAFF. ANY LAND-DISTURBING ACTIVITY >1 ACRE REQUIRES COMPLIANCE WITH ALL CONDITIONS OF THE GENERAL PERMIT TO DISCHARGE STORM WATER UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (PERMIT NO. NC06010000). ANY PERMIT NONCOMPLIANCE IS A VIOLATION OF THE CLEAN WATER ACT AND MAY REQUIRE ENFORCEMENT ACTION BY NCDEQ.  
2. DISTURBED AREAS DRAINING GREATER THAN ONE ACRE MUST HAVE AN EROSION CONTROL MEASURE THAT DRAINS FROM THE WATER SURFACE ELEVATION.  
3. REQUIRED ARMY CORPS 404 PERMIT AND WATER QUALITY 401 CERTIFICATION MUST BE OBTAINED FOR STREAM DISTURBANCES OVER 150 LINEAR FEET.  
4. ANY BORROW OR WASTE MATERIAL SHALL BE TAKEN/PLACED ON A SITE THAT HAS AN ACTIVE APPROVED GRADING PERMIT. IF THIS IS NOT OBTAINABLE, THEN CONTRACTOR MAY SUBMIT PLAN FOR APPROVAL TO NCDEQ PRIOR TO ANY OFF-SITE BORROW/WASTE AREAS BEING DENUDED AND ANY GRADING OPERATIONS STARTING ON THIS SITE.  
5. ANY GRADING BEYOND THE DENUDED LIMITS SHOWN ON THE PLAN IS A VIOLATION OF THE NCDEQ EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.  
6. GRADING MORE THAN ONE ACRE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION OF THE NCDEQ EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.  
7. ANY AND ALL SITE FINES IMPOSED BY NCDEQ OR ANY OTHER GOVERNING AGENCY SHALL BE PAID BY THE GRADING CONTRACTOR.  
8. SLOPES SHALL BE GRADED NO STEEPER THAN 2:1. FILL SLOPES GREATER THAN 10' REQUIRE ADEQUATE TERRACING.  
9. TOTAL DENUDED AREA: 9.89 AC  
10. SOIL TYPES: Ln (LYNCHBURG SANDY LOAM), NaA (NORFOLK LOAMY SAND), Ra (RAINS SANDY LOAM)  
11. NAME OF RECEIVING WATER COURSE: ROWANS BRANCH (CHESTNUT POND), CLASSIFICATION OF RECEIVING WATER COURSE: C, SW, RIVER BASIN: CAPE FEAR

#### MAINTENANCE PLAN:

- ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGN.
- SEDIMENT WILL BE REMOVED FROM THE TEMPORARY SEDIMENT BASINS WHEN STORAGE CAPACITY HAS BEEN APPROXIMATELY 50% FILLED. GRAVEL WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS PROPERLY.
- SEDIMENT WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN IT BECOMES ABOUT 0.5 FEET DEEP AT THE FENCE.
- THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. THE ENGINEER MAY DIRECT THAT ADDITIONAL SILT FENCING OR EROSION CONTROL MATTING BE INSTALLED AT ANY TIME PRIOR TO FINAL ACCEPTANCE.
- ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS INCLUDED IN THESE PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER IN WRITING.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED ONCE THE ENTIRE SITE IS STABILIZED.

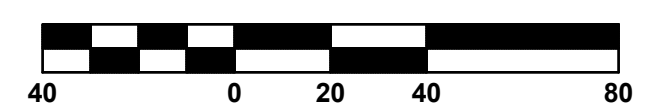
#### SELF INSPECTION REQUIREMENTS:

- ALL TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES, INCLUDING SEDIMENTATION CONTROL BASINS, SEDIMENTATION TRAPS, SEDIMENTATION PONDS, ROCK DAMS, TEMPORARY DIVERSIONS, TEMPORARY SLOPE DRAINS, ROCK CHECK DAMS, SEDIMENT FENCE OR BARRIERS, ALL FORMS OF INLET PROTECTION, STORM DRAINAGE FACILITIES, ENERGY DISSIPATORS, STABILIZATION METHODS OF OPEN CHANNELS, AND GROUND COVER SHALL BE INSPECTED BY THE OWNER OR DESIGNATED REPRESENTATIVE.
- THE DIMENSIONS OF THE BASINS SHALL BE CHECKED AND COMPARED TO THE DIMENSIONS ON THE APPROVED SEDIMENTATION AND EROSION CONTROL PLAN. NOTIFY SITE SOLUTIONS IF THE DIMENSIONS OF ANY OF THE EROSION CONTROL MEASURES DEVIATE FROM THE PLANS.
- A "SELF-INSPECTION REPORT FORM FOR LAND DISTURBING ACTIVITY" (AS REQUIRED BY NCQS 13A-54.1) IS PROVIDED WITHIN THE SPECS. ALTERNATIVELY THE OWNER OR DESIGNATED REPRESENTATIVE COMPLETING THE INSPECTIONS MAY MAKE NOTATIONS ON THE COPY OF THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN THAT IS KEPT ON THE PROJECT SITE. DOCUMENTATION SHALL BE ACCOMPLISHED BY INITIALS AND DATING EACH MEASURE OR PRACTICE SHOWN ON A COPY OF THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN OR BY COMPLETING, DATING AND SIGNING AN INSPECTION REPORT THAT LISTS EACH MEASURE, PRACTICE OR DEVICE SHOWN ON THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN. ALL DOCUMENTATION AND/OR REPORTS OF INSPECTIONS MUST BE MADE AVAILABLE ON THE SITE.
- THE SELF-INSPECTION REPORT IS TO BE COMPLETED AFTER EACH PHASE OF THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN IS COMPLETE. THESE PHASES APPLY FOR THIS PROJECT:  
4.1. INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROL MEASURES;  
4.2. CLEARING AND GRUBBING OF EXISTING GROUND COVER;  
4.3. COMPLETION OF ANY PHASE OF GRADING OF SLOPES OR FILLS;  
4.4. INSTALLATION OF STORM DRAINAGE FACILITIES;  
4.5. COMPLETION OF CONSTRUCTION OR DEVELOPMENT;  
4.6. ESTABLISHMENT OF PERMANENT GROUND COVER SUFFICIENT TO RESTRAIN EROSION.

#### LEGEND

	EXISTING SIGN		EXISTING CURB AND GUTTER
	EXISTING IRON PIN		PROPOSED CURB AND GUTTER
	EXISTING LIGHT POLE		PROPERTY LINE
	EXISTING UTILITY POLE		EXISTING FENCE
	RIGHT-OF-WAY		EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING TREE TO REMAIN		EXISTING OVERHEAD UTILITY LINE
	EXISTING FIRE HYDRANT		EXISTING UNDERGROUND TELEPHONE LINE
	EXISTING WATER VALVE		EXISTING SANITARY SEWER LINE
	EXISTING WATER METER		EXISTING WATER LINE
	EXISTING SEWER MANHOLE		EXISTING GAS LINE
	EXISTING STORM MANHOLE		EXISTING CONTOUR LINE
	PROPOSED STORM MANHOLE		PROPOSED CONTOUR LINE
	EXISTING DRAINAGE STRUCTURE		EXISTING STORM DRAINAGE PIPE
	PROPOSED DRAINAGE STRUCTURE		PROPOSED STORM DRAINAGE PIPE
	TEMPORARY SILT SACK		TEMPORARY SILT FENCE
	TEMPORARY INLET PROTECTION		STONE OPENING IN TEMPORARY SILT FENCE
	TEMPORARY STRAW WATTLES		TEMPORARY TREE PROTECTION BARRICADE
	TEMPORARY FILTER BERM BASIN		LIMITS OF GRADING/CONSTRUCTION
	TEMPORARY GRAVEL ENTRANCE		LINED GRASS SWALE
	OUTLET PROTECTION		GRASS SWALE
			TEMPORARY DIVERSION SWALE

SEE SHEET C304 FOR CULVERT LENGTHS, SIZES AND INVERTS



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## SAMPSON COUNTY 911 & ES FACILITIES

CLINTON,  
NORTH CAROLINA

## CONSTRUCTION DOCUMENTS

## INITIAL EROSION CONTROL PLAN

DATE	12.04.2020	
PROJECT NO	20003	
REVISIONS		
NUM.	DATE	DESCRIPTION:
	12.17.20	Revision 1

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SEAL  
SHEET NUMBER: C300