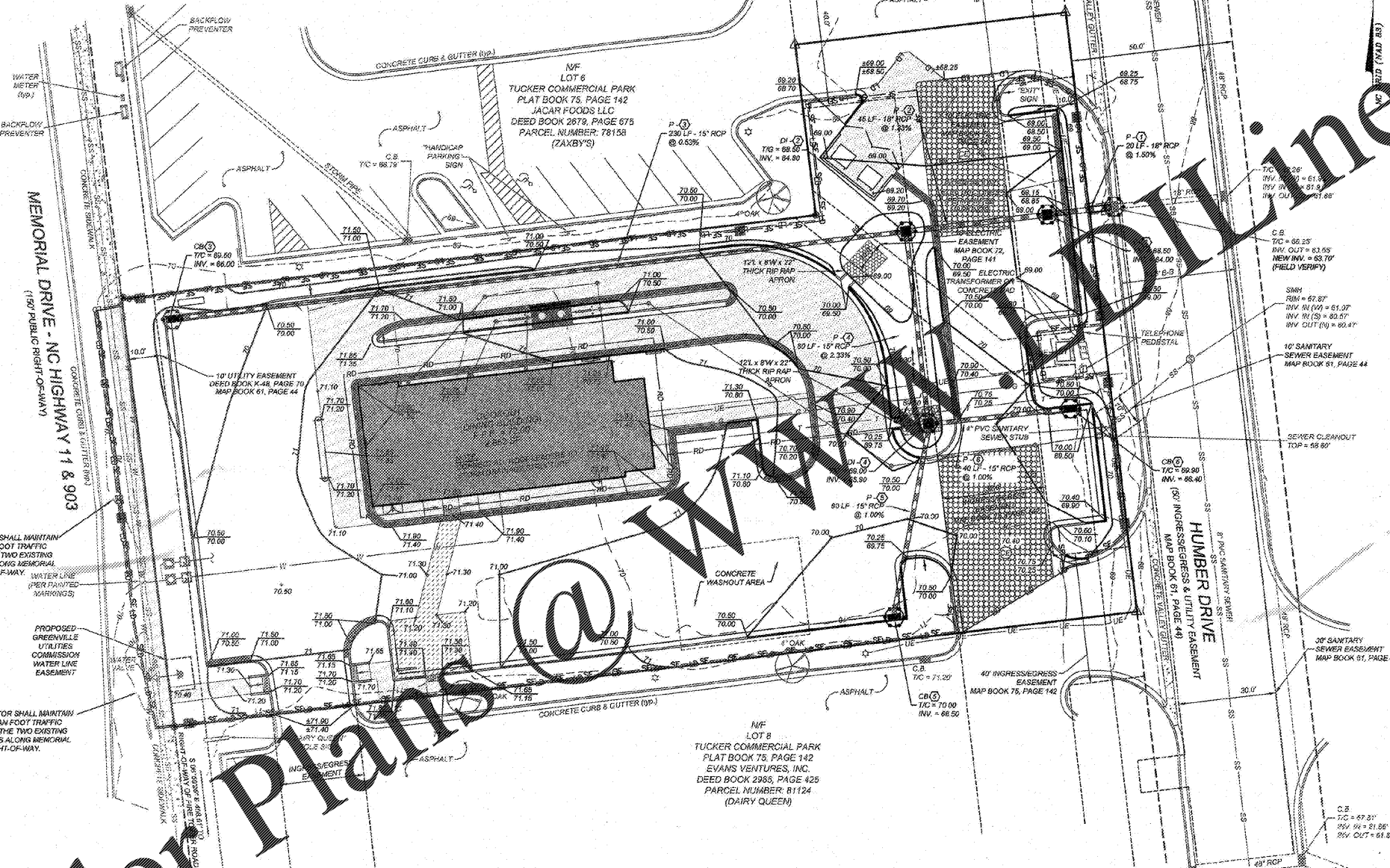


CONTRACTOR TO INSTALL ROOF DRAINS AROUND BUILDING AND EXTEND TO OUTLET AT 2% MINIMUM. COORDINATE DOWNSPOUT LOCATIONS WITH ARCHITECT.

MAINTENANCE NOTES:
 IN GENERAL, ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED AND MAINTAINED DAILY AND AFTER EACH RAINFALL. GREATER THAN 0.5 INCHES. ANY SEDIMENT THAT HAS BEEN TRANSPORTED BEYOND THE PROJECT LIMITS SHALL BE REMOVED. THE FOLLOWING ITEMS WILL BE CHECKED IN PARTICULAR:

- CONSTRUCTION ENTRANCE:** INSPECT CONSTRUCTION ENTRANCES AND PARKING AREAS PERIODICALLY FOR CONDITION OF SURFACE. TOP DRESS WITH NEW GRAVEL AS NEEDED. CHECK ROAD DITCHES AND OTHER SEEDS AREAS FOR EROSION AND SEDIMENTATION AFTER RAINFALL-PRODUCING RAINS. MAINTAIN ALL VEGETATION IN A HEALTHY, VIGOROUS CONDITION. SEDIMENT PRODUCING AREAS SHOULD BE TREATED IMMEDIATELY.
- SILT FENCE:** INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT IMMEDIATELY. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
- SILT FENCE GRAVEL OUTLET:** INSPECT SEDIMENT FENCE GRAVEL OUTLETS AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN. ANY RIP RAP DEPOSIT MUST BE REPLACED IMMEDIATELY.
- BACKFILL AND GRAVEL INLET PROTECTION:** INSTALL SILT FENCE GRAVEL OUTLETS AT ALL LOW POINTS IN FENCE. INSPECT THE BARBER OF AFTER EACH RAIN AND MAKE REPAIRS AS NEEDED. REMOVE SEDIMENT AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR SUBSEQUENT RAINS. WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN ADEQUATELY STABILIZED, REMOVE ALL MATERIALS AND UNSTABLE SOIL, AND EITHER SALVAGE OR DISPOSE OF IT PROPERLY. BRING THE DISTURBED AREA TO PROPER GRADE, THEN SMOOTH AND COMPACT IT. APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET.
- FREZZING WEATHER:** CAN RESULT IN ICE FORMING IN THE BASIN. SOME SPECIAL PRECAUTIONS SHOULD BE TAKEN IN THE WINTER TO PREVENT THE BARBER FROM FLUJING WITH ICE.



CONSTRUCTION SEQUENCE:

- OBTAIN A LAND DISTURBING PERMIT, SCHEDULE A PRE-CONSTRUCTION MEETING.
- INSTALL GRAVEL CONSTRUCTION PAD, TEMPORARY DIVERSIONS, SILT FENCE, SEDIMENT TRAPS OR OTHER MEASURES AS SHOWN ON THE APPROVED PLAN. CLEAR ONLY AS NECESSARY TO INSTALL THESE DEVICES. SEED TEMPORARY DIVERSIONS, BERMS AND BANKS IMMEDIATELY AFTER CONSTRUCTION. SEE DETAIL ON SEEDING SCHEDULE. CONTRACTOR SHALL BEGIN WITH SEDIMENT FENCING AND ALL OTHER SEDIMENT CONTAINMENT DEVICES FOLLOWED BY ALL DIVERSION AND BY-PASS DITCHES/BERMS.
- BEGIN CLEARING/GRUBBING AND GENERAL EXCAVATION ON SITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PHASE/STAGE EROSION CONTROL TO ALLOW FOR CONSTRUCTION. NOTE: CONTRACTOR SHALL INSPECT AND REPAIR ALL EROSION DEVICES AT LEAST ONCE A WEEK AND AFTER EVERY RAINFALL. GRADING ACTIVITY SHALL BE PROHIBITED IN THE AREAS OF THE SEDIMENT CONTROL DEVICES/SEDIMENT TRAPS UNTIL THE AREAS UPSTREAM OF THESE DEVICES HAVE BEEN STABILIZED AND APPROVED.
- BEGIN INSTALLING UPSTREAM STORM DRAINAGE SYSTEM. INSTALL APPROVED INLET PROTECTION, TEMPORARY STORM DRAINAGE SYSTEM, TEMPORARY SEDIMENT TRAP DEVICES UNTIL SUCH DEVICES HAVE BEEN APPROVED FOR REMOVAL. ADDITIONAL MEASURES MAY BE REQUIRED BY THE INSPECTOR DUE TO THE ROUTING OF THE STORM DRAINAGE SYSTEM AND ACTUAL SOIL CONDITIONS. NOTE: SEDIMENT CONTROL SHALL BE MAINTAINED THROUGHOUT GRADING AND EXCAVATING.
- STABILIZE SITES AND AREAS APPROXIMATE UP TO FINISH GRADE WITH VEGETATION, MULCH, SEED, ETC. SEED AND MULCH DENuded AREAS WITHIN FIFTEEN (15) DAYS OF COMPLETION OF ANY PHASE OF CONSTRUCTION. NOTE: THE CONTRACTOR SHALL ENSURE THAT THE EROSION CONTROL DEVICES REMAIN UNDISTURBED DURING CONSTRUCTION OF THE BUILDING PADS AND ASSOCIATED PARKING DRIVE AREAS ADJACENT TO THESE DEVICES UNTIL THE CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED AND APPROVED.
- WHEN SITE IS APPROVED, REMOVE TEMPORARY DIVERSIONS, SILT FENCING, SEDIMENT TRAPS, ETC., AND SEED OUT OR PAVE ANY RESULTING BARE AREAS. CONNECT UPSTREAM STORM DRAINAGE.

GRADING/EROSION CONTROL NOTES:

- ALL GRADING, BACKFILLING, EXCAVATION, ETC., SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL INVESTIGATION REPORTS. REFER TO THESE REPORTS FOR ADDITIONAL INFORMATION NOT TRANSMITTED TO THESE PLANS.
- CONTRACTOR IS TO CONTACT NORTH CAROLINA "ONE CALL" AT 800-832-6840 FOR UNDERGROUND UTILITY LOCATION 48 HOURS PRIOR TO ANY DIGGING.
- THE EROSION CONTROL MEASURES ARE TO BE IN PLACE PRIOR TO ANY EARTHWORK.
- ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED.
- ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AND REPAIRED AT A MINIMUM OF WEEKLY BASIS AND AFTER EVERY RAIN EVENT.
- ALL PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT-LAIDEN RUNOFF TO ANY STORM DRAINAGE SYSTEM.
- CONTRACTOR SHALL LOCATE AND VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- PURSUANT TO G.S. 113A-87(2), THE ANGLE FOR GRADED SLOPES AND FILLS SHALL BE NO GREATER THAN THE ANGLE THAT CAN BE RETAINED BY VEGETATIVE COVER OR OTHER ADEQUATE EROSION CONTROL DEVICES OR STRUCTURES. IN ANY EVENT, SLOPES LEFT EXPOSED WITHIN 14 CALENDAR DAYS OF COMPLETION OF ANY PHASE OF GRADING, BE PLANTED OR OTHERWISE PROVIDED WITH TEMPORARY OR PERMANENT GROUND COVER, DEVICES, OR STRUCTURES SUFFICIENT TO RESTRAIN EROSION PURSUANT TO G.S. 114-37(b). PROVISIONS FOR PERMANENT GROUND COVER SUFFICIENT TO RESTRAIN EROSION MUST BE ACCOMPLISHED FOR ALL DISTURBED AREAS WITHIN 14 CALENDAR DAYS FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.
- ALL CUT AND FILL SLOPES AND CHANNEL SLOPES WHICH ARE NOT TO BE PAVED, SHALL BE SEEDING UNTIL A GOOD STAND OF GRASS IS OBTAINED IN ACCORDANCE WITH:
 - A. 100 LBS PER 1,000 SQUARE FOOT GROUND LIMESTONE OR EQUIVALENT, NO SOL. TEST REQUIRED FOR INITIAL ESTABLISHMENT.
 - B. 20 LBS OF 10-10-10 FERTILIZER OR EQUIVALENT PER 1,000 SQUARE FOOT.
 - C. VARIETIES TO BE SEEDING:
 - 1. SPRING SEEDING - MARCH 1 - APRIL 30; SPRING OATS 2.5 LBS PER 1,000 SQUARE FOOT.
 - 2. SUMMER SEEDING - MAY 1 - AUGUST 1; WEEPING LOVE GRASS AT 3 OZ PER SQUARE FOOT MIXED WITH 1 BUSHEL OF SAWDUST FOR UNIFORM SEEDING.
 - 3. ASPHALT MULCH 6 GALLONS PER 1,000 SQUARE FOOT. ALL SEEDING WILL BE MULCHED.
- SEE LANDSCAPE PLAN FOR PERMANENT SEEDING.
- ALL FINISHED FINISHED SURFACES SHOULD SLOPE AWAY FROM BUILDING, TOWARDS DRAINAGE OUTLETS FOR POSITIVE DRAINAGE AND TO AVOID STANDING WATER.

TEMPORARY SEEDING IN NORTH CAROLINA

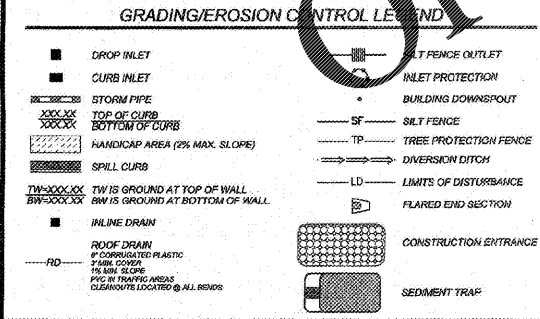
LATE WINTER & EARLY SPRING	SEEDING MIXTURE	
	SPECIES	RATE (lb/ac)
LATE WINTER & EARLY SPRING	RYE (GRAM)	120
	ANNUAL LESPEDEZA (KOREAN IN PIEDMONT AND COASTAL PLAIN, KOREAN IN MOUNTAINS)	60
	GERMAN MILLET	40
SUMMER	RYE (GRAM)	120
	IS NOT TO EXCEED BEYOND JUNE. MAY BE SUBSTITUTED AT A RATE OF 50 LB/ACRE.	
FALL	RYE (GRAM)	120
	IS NOT TO EXCEED BEYOND JUNE.	
	MAY BE SUBSTITUTED AT A RATE OF 50 LB/ACRE.	
LATE WINTER & EARLY SPRING	SEEDING DATES:	
	MOUNTAINS - ABOVE 2500 ft: FEB. 15 - MAY 15	
	BELOW 2500 ft: FEB. 1 - MAY 1	
SUMMER	SEEDING DATES:	
	MOUNTAINS - MAY 15 - AUG. 15	
	PIEDMONT - MAY 1 - AUG. 15	
FALL	SEEDING DATES:	
	MOUNTAINS - AUG. 15 - DEC. 15	
	COASTAL PLAIN - APR. 15 - AUG. 15	
	COASTAL PLAIN AND PIEDMONT - AUG. 15 - DEC. 30	

SOIL AMENDMENTS:
 FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LBS/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LBS/ACRE 10-10-10 FERTILIZER.

MULCH:
 APPLY 2,000 LBS/ACRE STRAW, ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING OR A MULCH ANCHORING TOOL. A STRAW WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

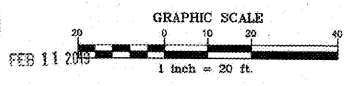
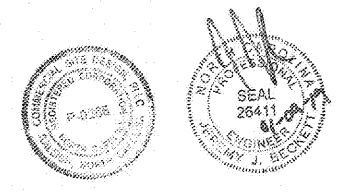
MAINTENANCE:
 REVEGETATION IS NOT FULLY ADEQUATE. RESEED, REFERFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

24 HOUR CONTACT
 JEREMY REAVES
 CONSTRUCTION MANAGER
 TELEPHONE: (336) 215-7025



CITY OF GREENVILLE NOTES:

- NO PERSON MAY INITIATE A LAND-DISTURBING ACTIVITY BEFORE NOTIFYING THE CITY OF GREENVILLE OF THE DATE LAND-DISTURBING ACTIVITY WILL BEGIN.
- NO LAND DISTURBING ACTIVITY BEYOND THAT REQUIRED TO INSTALL APPROPRIATE EROSION CONTROL MEASURES MAY PROCEED UNTIL EROSION CONTROL MEASURES ARE INSPECTED AND APPROVED BY THE CITY.
- SCHEDULING OF A PRECONSTRUCTION CONFERENCE WITH THE EROSION CONTROL INSPECTOR IS REQUIRED PRIOR TO INITIATING LAND DISTURBING ACTIVITIES. FOR INSPECTION PLEASE CALL 329-4487. 24-HOUR NOTICE IS REQUIRED. THE LAND DISTURBING PERMIT AND CERTIFICATE WILL BE DELIVERED AT THIS TIME.
- SEED OR OTHERWISE PROVIDE GROUND COVER DEVICES OR STRUCTURES SUFFICIENT TO RESTRAIN EROSION FOR ALL EXPOSED SLOPES WITHIN 14 WORKING DAYS OF COMPLETION ANY PHASE OF GRADING.
- CONTRACTOR SHALL INSPECT AND MAINTAIN ALL EROSION CONTROL DEVICES ON A WEEKLY BASIS AND FOLLOWING A RAIN EVENT WITH RAINFALL GREATER THAN 0.5" OVER A 24-HOUR PERIOD. FAILURE TO KEEP EROSION CONTROL DEVICES IN GOOD WORKING ORDER MAY RESULT IN ISSUANCE OF A STOP WORK ORDER OR CIVIL PENALTIES UP TO \$500 PER DAY OF VIOLATION. SITES UTILIZING SEDIMENT TRAPS MUST ALSO SPECIFY A MAXIMUM DEPTH OF SEDIMENT PRIOR TO CLEAN OUT.
- THE CITY ENGINEER RESERVES THE RIGHT TO REQUIRE ADDITIONAL EROSION CONTROL MEASURES SHOULD THE PLAN OR ITS IMPLEMENTATION PROVE TO BE INADEQUATE.
- PLEASE BE ADVISED OF THE RULES WHICH PROTECT AND MAINTAIN EXISTING BUFFERS ALONG WATERCOURSES IN THE NEUSE AND TAR/PAMLIKO RIVER BASINS. THIS RULE IS ENFORCED BY THE DIVISION OF WATER QUALITY (DW). DIRECT ANY QUESTIONS ABOUT THE APPLICABILITY OF THIS RULE TO YOUR PROJECT TO MR. ROGER WOODS, REGIONAL WATER QUALITY SUPERVISOR, WASHINGTON REGIONAL OFFICE, AT (810) 548-6481.
- ACCEPTANCE AND APPROVAL OF THIS PLAN IS CONDITIONED UPON YOUR COMPLIANCE WITH FEDERAL AND STATE WATER QUALITY LAWS, REGULATIONS, AND RULES. IN ADDITION LOCAL CITY AND COUNTY ORDINANCES OR RULES MAY ALSO APPLY TO THIS LAND-DISTURBING ACTIVITY. APPROVAL BY THE CITY DOES NOT SUPERCEDE ANY OTHER PERMIT OR APPROVAL.



REVISIONS

NO.	DATE	DESCRIPTION
1	11-02-16	
2	12-14-16	
3	06-07-17	
4	12-19-18	
5	01-07-19	
6	07-08-19	

COMMERCIAL SITE DESIGN

8823 CEDERWOOD ROAD
 RALEIGH, NORTH CAROLINA 27615
 (919) 884-0421 FAX: (919) 884-2701
 WWW.COMMERCIALSITEDESIGN.COM

CLIENT:
 COOK OUT
 15 LAURA LANE, SUITE 300
 THOMASVILLE, NC 27380
 TELEPHONE: (336) 215-7025
 FAX: (336) 474-1849

COOKOUT FRESH PLANS

4145 S. MEMORIAL DRIVE
 WINTERVILLE, PITT COUNTY, NORTH CAROLINA

GRADING AND EROSION CONTROL PLAN

PROJECT NO.	OUT-1641
FILENAME	OUT1641-GP
DRAWN BY	JDF
SCALE	1" = 20'
DATE	09-16-2016
SHEET NO.	C-3