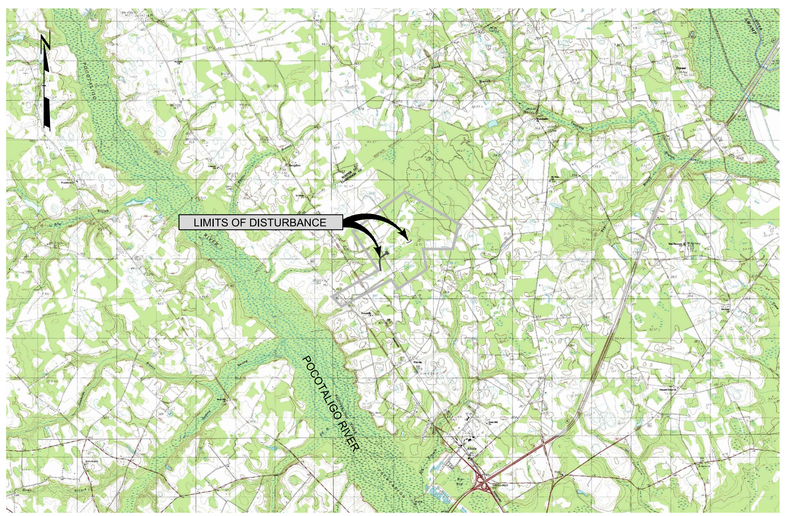
EROSION AND SEDIMENT CONTROL PLAN FOR FACILITY MODIFICATIONS ASSOCIATED WITH THE RAILSPUR AND CHIP YARD DITCH

GP CLARENDON LP

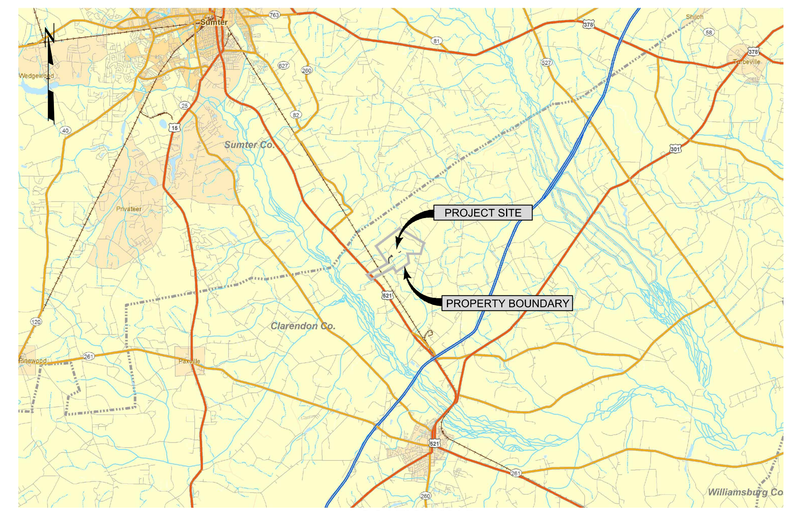
8250 SUMTER HIGHWAY, ALCOLU, SC 29001

JANUARY 2015



USGS TOPO MAP

0 1000 2000 3000
SCALE IN FEET



LOCATION MAP

0 1 2 4 6
SCALE IN MILES

GENERAL NOTES

1. SURVEY DATA TAKEN FROM A TOPOGRAPHICAL SURVEY PERFORMED BY GLENN ASSOCIATES SURVEYING, INC. AERIAL MAPPING SERVICES PROVIDED BY GEODATA CORPORATION-DIGITAL MAPPING SERVICES.
2. COORDINATES ARE LOCALIZED TO SOUTH CAROLINA GRID NAD'83, STATE PLANE, ZONE 3900.
3. THESE PLANS ARE ACCOMPANIED BY A NARRATIVE DOCUMENT ENTITLED "COMPREHENSIVE STORM WATER POLLUTION PREVENTION PLAN FOR CONSTRUCTION ACTIVITIES" DATED JANUARY 2015.
4. ALL EXISTING SURVEY CONTROL POINTS SHALL BE VERIFIED THROUGH GP CLARENDON LP ENGINEERING PRIOR TO BEGINNING NEW WORK.
5. REFER TO SHEET 4 AND 5 OF 6 FOR EROSION AND SEDIMENT CONTROL NOTES.
6. THE PROJECT SITE IS LOCATED IN CLARENDON COUNTY, NORTHWEST OF THE TOWN OF ALCOLU, AS SHOWN ON THE LOCATION MAP.

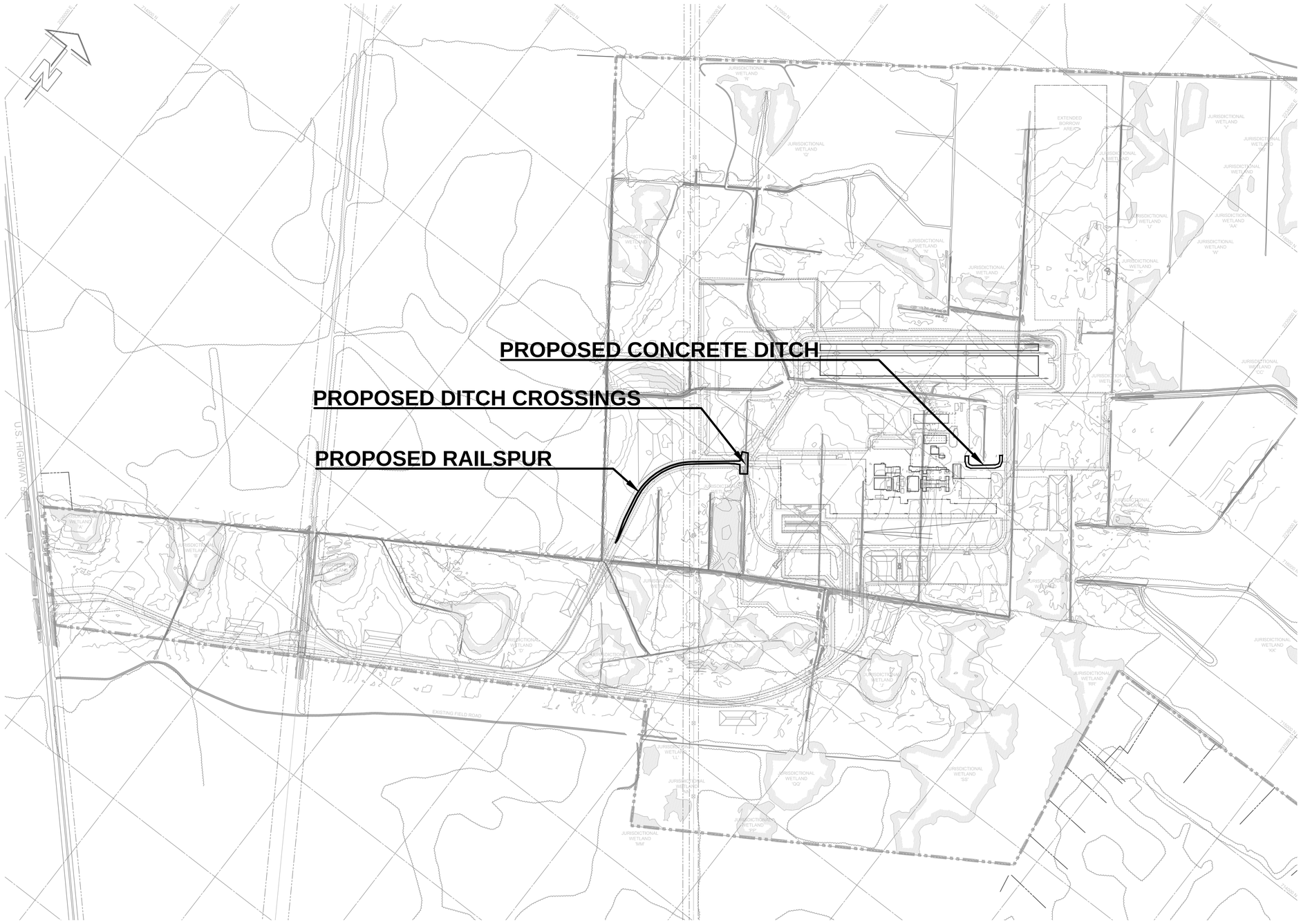
DRAWING INDEX

SHEET NO.	TITLE
1 OF 6	TITLE SHEET
2 OF 6	EXISTING CONDITIONS
3 OF 6	PREDEVELOPMENT/POSTDEVELOPMENT DRAINAGE AREAS
4 OF 6	RAILROAD AND DITCH CROSSING EROSION CONTROL PLAN
5 OF 6	CHIP YARD DITCH EROSION CONTROL PLAN
6 OF 6	DETAILS

DRAFT - WORKING COPY

TRC

J:\CAD\GEORGIA PACIFIC\CLARENDON\EROSIONCONTROL\20141229\SHEET1_TITLE.DWG



GENERAL NOTES:

1. SITE GRID SYSTEM IS BASED ON SURVEY MONUMENTS PROVIDED BY GLENN ASSOCIATES SURVEYING, INC ON JUNE 01, 2006.
2. EXISTING GROUND SURVEY INFORMATION PROVIDED BY GLENN ASSOCIATES SURVEYING, INC.. ALL AERIAL MAPPING PROVIDED BY GEODATA CORPORATION - DIGITAL MAPPING SERVICES.
3. ALL DIMENSIONS ARE IN FEET UNLESS NOTED OTHERWISE.
4. ALL WETLAND DELINEATIONS AND JURISDICTIONAL DITCH ALIGNMENTS WERE DETERMINED BY MACTEC ON AUGUST 25, 2005 AND SUBMITTED TO THE US ARMY CORP OF ENGINEERS FOR VERIFICATION.
5. CONTOURS SHOWN DEPICT EXISTING GROUND AT AN INTERVAL OF 1.0 FOOT
6. EXISTING TREE LINE WAS APPROXIMATED FROM AERIAL PHOTOGRAPH DATED AUGUST 15, 2005. AERIAL PHOTOGRAPH WAS PROVIDED BY MACTEC.

LEGEND

- SITE PROPERTY BOUNDARY
- SITE GRID LINE
- EXISTING RIGHT OF WAY BOUNDARY
- EXISTING LOT LINES
- EXISTING TREE LINE
- PROPOSED TREE LINE
- EXISTING RAIL LINE
- PROPOSED RAIL LINE
- EXISTING POWER LINE AND TOWERS
- JURISDICTIONAL WETLAND
- JURISDICTIONAL DITCHES
- EXISTING ROAD

DRAFT - WORKING COPY

NO.	BY	DATE	REVISION	APP'D.
3.				
2.				
1.				

PROJECT:

GP CLARENDON LP
ALCOLU, SOUTH CAROLINA

SHEET TITLE:

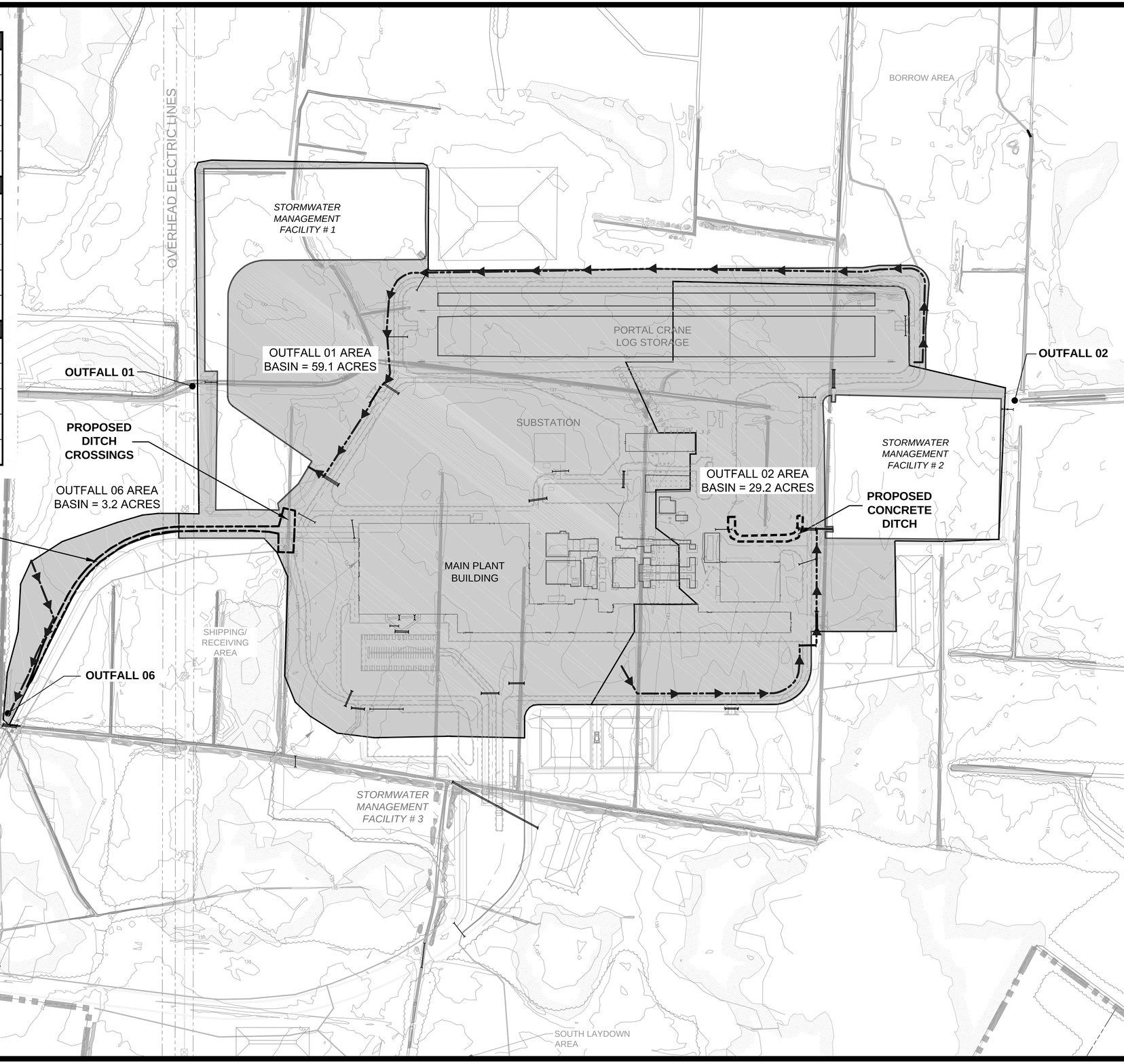
EXISTING CONDITIONS

DRAWN BY:	AMF	SCALE:		PROJ. NO.	226809.0.0
CHECKED BY:	JAM		SCALE	FILE NO.	SHEET2_EXISTCOND.dwg
APPROVED BY:	JAM	DATE PRINTED:			**SHEET 2 OF 6**
DATE:	JANUARY 2015				

TRC
30 Patewood Dr. Suite 300
Patewood Plaza One
Greenville, SC 29615
864-288-0030

PLOT DATA
Drawing Name: J:\CAD\Georgia Pacific\Clarendon\Erosion\Cartes\2014\226809\SHEET2_EXISTCOND.dwg Dwg Size: 6.67 Mb
Date/Time: 2/26/2015 Plot Time: 11:12 AM
Drawing Plot Scale: 0.400195 Layout: TRC SHEET 2

OUTFALL 01 DRAINAGE AREA	
Total Area	59.1 Acres
Limit of Distubance Area	0.3 Acres
Pre-Construction Curve Number	92
Post-Construction Curve Number	92
Time of Concentration	17 Minutes
OUTFALL 02 DRAINAGE AREA	
Total Area	29.2 Acres
Limit of Distubance Area	0.2 Acres
Pre-Construction Curve Number	92
Post-Construction Curve Number	92
Time of Concentration	22 Minutes
OUTFALL 06 DRAINAGE AREA	
Total Area	3.2 Acres
Limit of Distubance Area	0.4 Acres
Pre-Construction Curve Number	72
Post-Construction Curve Number	72
Time of Concentration	33.2 Minutes



LEGEND

- TIME OF CONCENTRATION
- DRAINAGE AREA
- OUTFALL 02 — OUTFALL
- EXISTING CULVERT
- LIMIT OF DISTURBANCE AREA

DRAFT - WORKING COPY

N

0 200 400

SCALE: 1"=200'

NO.	BY	DATE	REVISION	APP'D.
3.				
2.				
1.				

PROJECT: GP CLARENDON LP
ALCOLU, SOUTH CAROLINA

SHEET TITLE: PREDEVELOPMENT/POSTDEVELOPMENT DRAINAGE AREAS

DRAWN BY: AFEIGL	SCALE: AS NOTED	PROJ. NO. 226809.0.0	
CHECKED BY: JMCCUNE		FILE NO. SHEET3_DRAINAGE.dwg	
APPROVED BY: JMCCUNE	DATE PRINTED:	SHEET 3 OF 6	
DATE: JANUARY 2015			

TRC
30 Patewood Drive, Suite 300
Patewood Plaza One
Greenville, SC 29615
Phone: 864.281.0030
Fax 864.281.0288

PLOT DATA
Drawing Name: DNAM J:\CAD\Georgia Pacific\Clarendon\ErosionControl\20141229\SHEET3_DRAINAGE.dwg
Layout Name: SHEET
Scale: SCL
Paper Size: PSIZE
Plot Date: PDATE
Plot By: PBY
Attached Xref's: XREF
Attached Image's: IMG

CONSTRUCTION SEQUENCE

1. RECEIVE SC DHEC NOTICE OF AUTHORIZATION TO PROCEED.

2. PRE-CONSTRUCTION MEETING.

3. ENSURE THAT EROSION AND SEDIMENT CONTROLS (I.E. SILT FENCE AND ROCK DITCH CHECKS) ARE IN PLACE AND APPROPRIATELY MAINTAINED AS SHOWN IN THE DETAIL ON SHEET 6 OF 6.

4. REMOVE VEGETATION ONLY AS NECESSARY FOR INSTALLATION OF PROPOSED RAILSPUR TRACK AND BEDDING MATERIAL.

5. REMOVE SURFACE ONLY AS NECESSARY FOR INSTALLATION OF PROPOSED RAILSPUR TRACK AND BEDDING MATERIAL.

6. INSTALL RAILSPUR BEDDING MATERIAL.

7. INSTALL RAILSPUR TRACK.

8. REMOVE VEGETATION ONLY AS NECESSARY TO INSTALL PROPOSED STORMWATER PIPING FOR DITCH CROSSINGS.

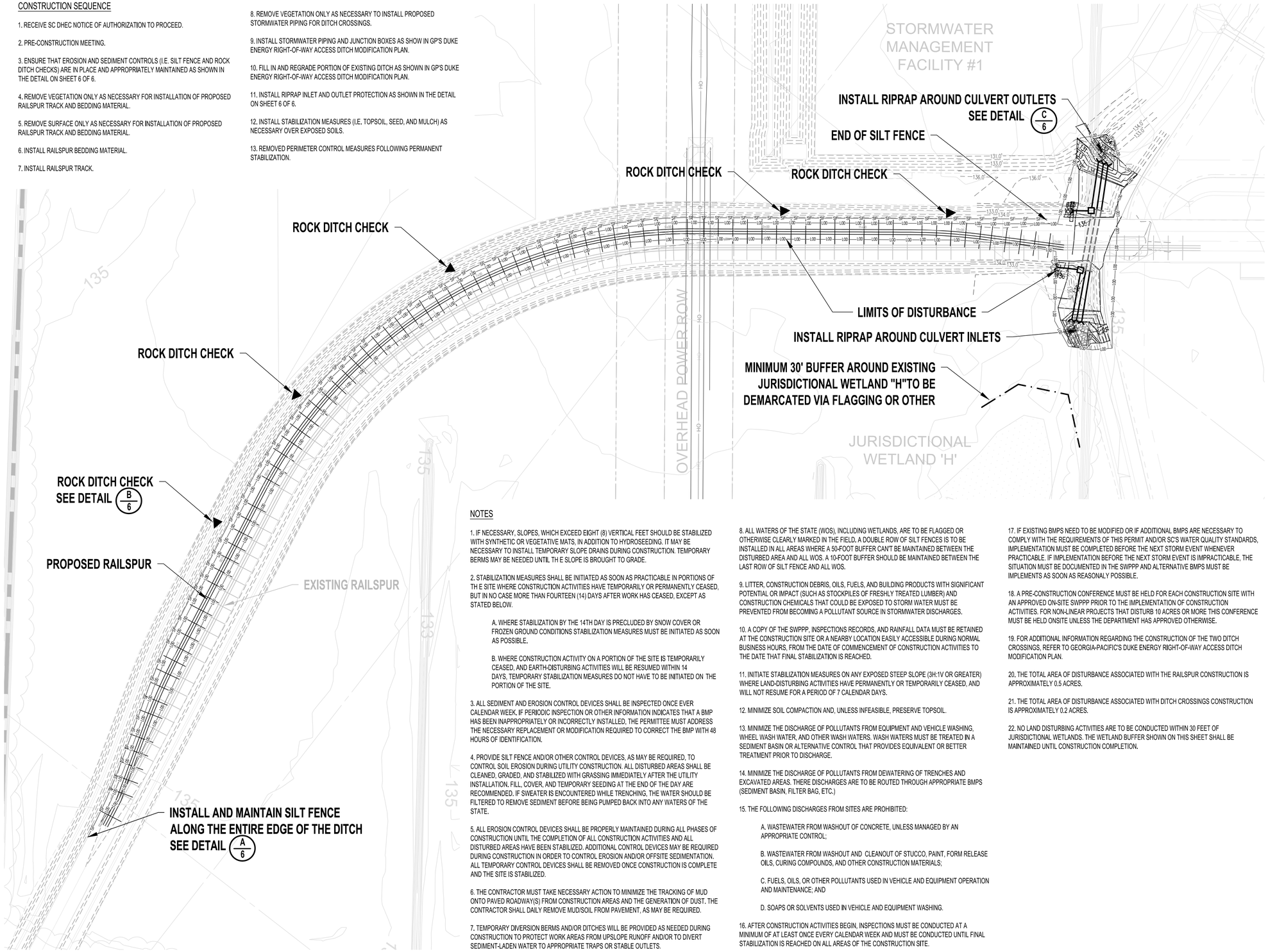
9. INSTALL STORMWATER PIPING AND JUNCTION BOXES AS SHOW IN GP'S DUKE ENERGY RIGHT-OF-WAY ACCESS DITCH MODIFICATION PLAN.

10. FILL IN AND REGRADE PORTION OF EXISTING DITCH AS SHOWN IN GP'S DUKE ENERGY RIGHT-OF-WAY ACCESS DITCH MODIFICATION PLAN.

11. INSTALL RIPRAP INLET AND OUTLET PROTECTION AS SHOWN IN THE DETAIL ON SHEET 6 OF 6.

12. INSTALL STABILIZATION MEASURES (I.E. TOPSOIL, SEED, AND MULCH) AS NECESSARY OVER EXPOSED SOILS.

13. REMOVED PERIMETER CONTROL MEASURES FOLLOWING PERMANENT STABILIZATION.



LEGEND

- PROPOSED RAILROAD TRACKS
- EXISTING RAILROAD TRACKS
- 125 — EXISTING CONTOUR
- 125 — FINISHED GRADE CONTOUR
- OH — OVERHEAD POWER
- SF — SILT FENCE
- EXISTING CULVERT
- PROPOSED CULVERT
- LOD — LIMIT OF DISTURBANCE
- PROPERTY BOUNDARY
- RIPRAP
- ROCK CHECK DAM
- OUTLET PROTECTION WITH RIPRAP
- WETLANDS BUFFER

NOTES

1. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL TH E SLOPE IS BROUGHT TO GRADE.

2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF TH E SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.

   A. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS POSSIBLE.

   B. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THE PORTION OF THE SITE.

3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVER CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITH 48 HOURS OF IDENTIFICATION.

4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF THE DAY ARE RECOMMENDED. IF SWEATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.

5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.

6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.

7. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.

8. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCES IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.

9. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL OR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORMWATER DISCHARGES.

10. A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.

11. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.

12. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.

13. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.

14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THERE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.)

15. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:

   A. WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;

   B. WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS;

   C. FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND

   D. SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.

16. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.

17. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTS AS SOON AS REASONALY POSSIBLE.

18. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ONSITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

19. FOR ADDITIONAL INFORMATION REGARDING THE CONSTRUCTION OF THE TWO DITCH CROSSINGS, REFER TO GEORGIA-PACIFIC'S DUKE ENERGY RIGHT-OF-WAY ACCESS DITCH MODIFICATION PLAN.

20. THE TOTAL AREA OF DISTURBANCE ASSOCIATED WITH THE RAILSPUR CONSTRUCTION IS APPROXIMATELY 0.5 ACRES.

21. THE TOTAL AREA OF DISTURBANCE ASSOCIATED WITH DITCH CROSSINGS CONSTRUCTION IS APPROXIMATELY 0.2 ACRES.

22. NO LAND DISTURBING ACTIVITIES ARE TO BE CONDUCTED WITHIN 30 FEET OF JURISDICTIONAL WETLANDS. THE WETLAND BUFFER SHOWN ON THIS SHEET SHALL BE MAINTAINED UNTIL CONSTRUCTION COMPLETION.

DRAFT - WORKING COPY

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

NO.	BY	DATE	REVISION	APP'D.
3.				
2.				
1.				

PROJECT:
GP CLARENDON LP
ALCOLU, SOUTH CAROLINA

SHEET TITLE:
RAILROAD AND DITCH CROSSING EROSION CONTROL PLAN

DRAWN BY: AFEIGL	SCALE: AS NOTED	PROJ. NO.	226809.0.0
CHECKED BY: JMCCUNE		FILE NO.	SHEET4_RRDITCH.dwg
APPROVED BY: JMCCUNE	DATE PRINTED:	SHEET 4 OF 6	
DATE: JANUARY 2015			

TRC
30 Patewood Drive, Suite 300
Patewood Plaza One
Greenville, SC 29615
Phone: 864.281.0030
Fax 864.281.0288

PLOT DATA
Drawing Name: J:\CAD\Georgia Pacific\Clarendon\Erosion\Cons\20141229\SHEET4_RRDITCH.dwg
Operator Name: FEIGL, ADAM
Drawing Plot Scale: 1" = 1'
Dwg Size: 8.72 Mb
Plot Date: January 2, 2015
Plot Time: 1:38 PM
Attached Xref's:
Attached Images:
Layout:
SHEET - TRC EDITS

CONSTRUCTION SEQUENCE

1. RECEIVE SC DHEC NOTICE OF AUTHORIZATION TO PROCEED.

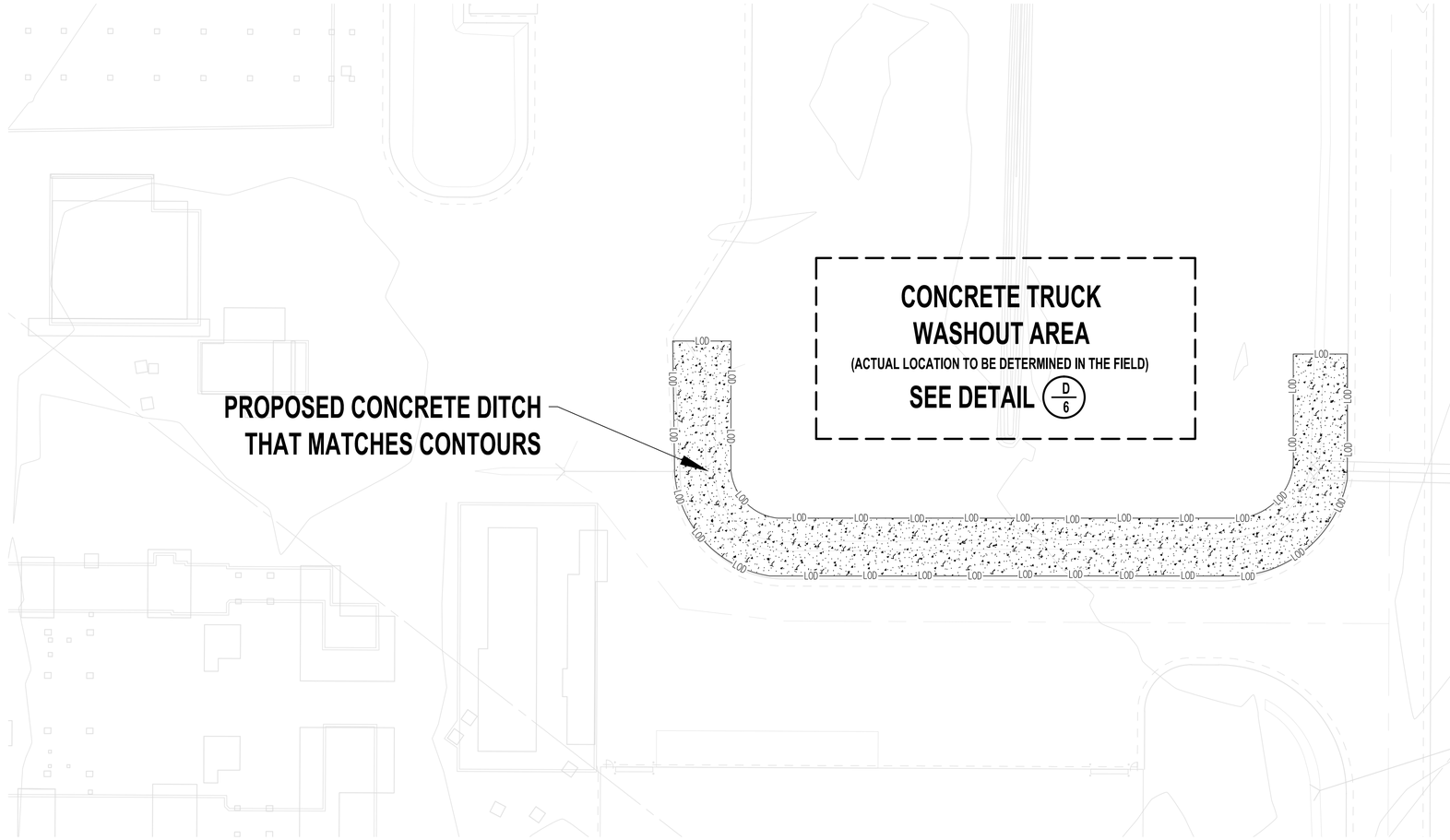
2. PRE-CONSTRUCTION MEETING.

3. INSTALL CONCRETE WASHOUT AREA AS SHOWN IN DETAIL ON SHEET 6 OF 6.

4. REMOVE VEGETATION AND REGRADE EXISTING DITCH AS NECESSARY TO INSTALL CONCRETE AS SHOWN IN GP'S CONSTRUCTION DRAWINGS.

5. INSTALL CONCRETE IN EXISTING DITCH AS SHOWN IN GP'S CONSTRUCTION DRAWINGS.

6. REMOVE CONCRETE WASHOUT AREA AND DISPOSE OF WASTE CONCRETE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.



LEGEND

- 125 — EXISTING CONTOUR
- 125 — FINISHED GRADE CONTOUR
- OH — OVERHEAD POWER
- SF — SILT FENCE
- EXISTING CULVERT
- PROPOSED CULVERT
- LOD — LIMIT OF DISTURBANCE
- PROPERTY BOUNDARY
- CONCRETE

NOTES

1. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL TH E SLOPE IS BROUGHT TO GRADE.

2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.

   A. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS POSSIBLE.

   B. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THE PORTION OF THE SITE.

3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVER CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITH 48 HOURS OF IDENTIFICATION.

4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF THE DAY ARE RECOMMENDED. IF SWEATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.

5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.

6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.

7. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.

8. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCES IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.

9. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL OR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORMWATER DISCHARGES.

10. A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.

11. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.

12. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.

13. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.

14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THERE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.)

15. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:

   A. WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;

   B. WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS;

   C. FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND

   D. SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.

16. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.

17. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTS AS SOON AS REASONALY POSSIBLE.

18. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ONSITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

19. FOR ADDITIONAL INFORMATION REGARDING THE CONSTRUCTION OF THE TWO DITCH CROSSINGS, REFER TO GEORGIA-PACIFIC'S DUKE ENERGY RIGHT-OF-WAY ACCESS DITCH MODIFICATION PLAN.

20. THE TOTAL AREA OF DISTURBANCE ASSOCIATED WITH CONCRETE DITCH CONSTRUCTION IS APPROXIMATELY 0.2 ACRES.

DRAFT - WORKING COPY

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

NO.	BY	DATE	REVISION	APP'D.
3.				
2.				
1.				

PROJECT:
GP CLARENDON LP
ALCOLU, SOUTH CAROLINA

SHEET TITLE:
CHIP YARD DITCH
EROSION CONTROL PLAN

DRAWN BY: AFEIGL	SCALE: AS NOTED	PROJ. NO. 226809.0.0	
CHECKED BY: JMCCUNE		FILE NO. SHEET5_CHIPYARD.dwg	
APPROVED BY: JMCCUNE	DATE PRINTED:	SHEET 5 OF 6	
DATE: JANUARY 2015			

TRC
30 Patewood Drive, Suite 300
Patewood Plaza One
Greenville, SC 29615
Phone: 864.281.0030
Fax 864.281.0288

PLOT DATA
Drawing Name: J:\CAD\Georgia Pacific\Clarendon\Erosion\Control\20141229\SHEETS_CHIPYARD.dwg
Operator Name: FEIGL, ADAM
Drawing File Scale: 1" = 1'
Dwg Size: 8.72 Mb
Plot Date: January 2, 2015
Plot Time: 12:31PM
Attached Xref's:
Attached Images:
Layout:
SHEET - TRC EDIT'S

SILT FENCE

When and Where to Use It

Silt fence is applicable in areas:
Where the maximum sheet or overland flow path length to the fence is 100-feet.
Where the maximum slope steepness (normal [perpendicular] to fence line) is 2H:1V.
That do not receive concentrated flows greater than 0.5 cfs.
Do not place silt fence across channels or use it as a velocity control BMP.

Materials

Steel Posts
Use 48-inch long steel posts that meet the following minimum physical requirements:
Composed of high strength steel with minimum yield strength of 50,000 psi.
Have a standard "T" section with a nominal face width of 1.38-inches and nominal "T" length of 1.48-inches.
Weigh 1.25 pounds per foot (+-8%).
Have a soil stabilization plate with a minimum cross section area of 17-square inches attached to the steel posts.
Painted with a water based baked enamel paint.
Use steel posts with a minimum length of 4-feet, weighing 1.25 pounds per linear foot (+-8%) with projections to aid in fastening the fabric.
Except when heavy clay soils are present on site, steel posts will have a metal soil stabilization plate welded near the bottom such that when the post is driven to the proper depth, the plate will be below the ground level for added stability.
The soil plates should have the following characteristics:
Be composed of minimum 15 gauge steel.
Have a minimum cross section area of 17-square inches.

Geotextile Filter Fabric

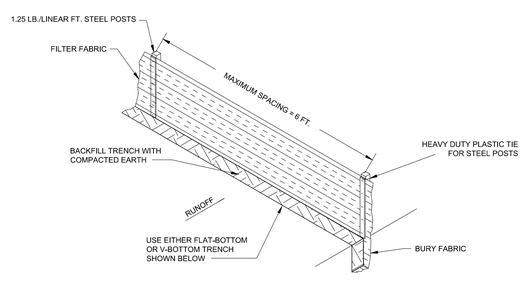
Filter fabric is:
Composed of fibers consisting of long chain synthetic polymers composed of at least 85% by weight of polyolefins, polyesters, or polyamides.
Formed into a network such that the filaments or yarns retain dimensional stability relative to each other.
Free of any treatment or coating which might adversely alter its physical properties after installation.
Free of defects or flaws that significantly affect its physical and/or filtering properties.
Cut to a minimum width of 36 inches.
Use only fabric appearing on SCDOT Approval Sheet #34 meeting the requirements of the most current edition of the SCDOT Standard Specifications for Highway Construction.

Installation

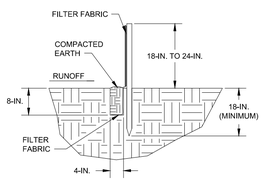
Excavate a trench approximately 6-inches wide and 6-inches deep when placing fabric by hand.
Place 12-inches of geotextile fabric into the 6-inch deep trench, extending the remaining 6-inches towards the upslope side of the trench.
Backfill the trench with soil or gravel and compact.Bury 12-inches of fabric into the ground when pneumatically installing silt fence with a slicing method.
Purchase fabric in continuous rolls and cut to the length of the barrier to avoid joints.
When joints are necessary, wrapped the fabric together at a support post with both ends fastened to the post, with a 6-inch minimum overlap.
Install posts to a minimum depth of 24-inches. Install posts a minimum of 1- to 2- inches above the fabric, with no more than 3-feet of the post above the ground.
Space posts to maximum 6-feet centers. Attach fabric to wood posts using staples made of heavy-duty wire at least $1\frac{1}{2}$-inch long, spaced a maximum of 6-inches apart.
Staple a 2-inch wide lathe over the filter fabric to securely fasten it to the upslope side of wooden posts.
Attach fabric to the steel posts using heavy-duty plastic ties that are evenly spaced and placed in a manner to prevent sagging or tearing of the fabric.
In all cases, ties should be affixed in no less than 4 places.
Install the fabric a minimum of 24-inches above the ground.
When necessary, the height of the fence above ground may be greater than 24-inches. In tidal areas, extra silt fence height may be required. The post height will be twice the exposed post height.
Post spacing will remain the same and extra height fabric will be 4-, 5-, or 6-feet tall. Locate silt fence checks every 100 feet maximum and at low points.
Install the fence perpendicular to the direction of flow and place the fence the proper distance from the toe of steep slopes to provide sediment storage and access for maintenance and cleanout.

Inspection and Maintenance

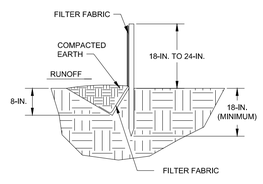
Inspect every seven calendar days. Check for sediment buildup and fence integrity. Check where runoff has eroded a channel beneath the fence, or where the fence has sagged or collapsed by fence overtopping.
If the fence fabric tears, begins to decompose, or in any way becomes ineffective, replace the section of fence immediately.
Remove sediment accumulated along the fence when it reaches 1/3 the height of the fence, especially if heavy rains are expected.
Remove trapped sediment from the site or stabilize it on site.
Remove silt fence within 30 days after final stabilization is achieved or after temporary best management practices (BMPs) are no longer needed.
Permanently stabilize disturbed areas resulting from fence removal.



SILT FENCE INSTALLATION



FLAT-BOTTOM TRENCH DETAIL



V-SHAPED TRENCH DETAIL

A
6

TYPICAL SILT FENCE DETAIL

NOT TO SCALE

ROCK DITCH CHECK

When and Where to Use It

A rock ditch check should be installed in steeply sloped swales, or in swales where adequate vegetation cannot be established.
Rock ditch checks should be used only in small open channels. Rock ditch checks should not be placed in waters of the commonwealth or USGS blue-line streams (unless approved by SCDHEC or Federal authorities).

Installation:

A non-woven geotextile fabric shall be installed over the soil surface where the rock ditch check is to be placed.

The body of the rock ditch check shall be composed of 12-inch D50 Riprap.

The upstream face of the rock ditch check may be composed of 1-inch D50 washed stone.

Rock ditch checks should not exceed a height of 2-feet at the centerline of the channel.

Rock ditch checks should have a minimum top flow length of 2-feet.

Stone should be placed over the channel banks to prevent water from cutting around the ditch check.

The rock must be placed by hand or mechanical placement (no dumping of rock to form dam) to achieve complete coverage of the ditch or swale and to ensure that the center of the check is lower than the edges.

The maximum spacing between the dams should be such that the toe of the upstream check is at the same elevation as the top of the downstream check.

Inspection and Maintenance:

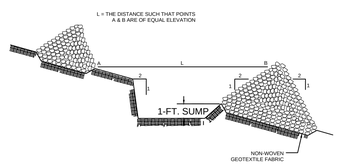
Inspect rock ditch checks every seven (7) calendar days. Inspect for sediment and debris accumulation. Inspect ditch check edges for erosion and repair promptly as required.

Sediment should be removed when it reaches 1/3 the original check height.

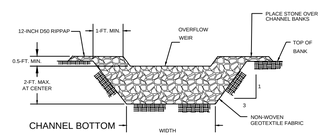
In the case of grass-lined ditches and swales, rock ditch checks should be removed when the grass has matured sufficiently to protect the ditch or swale unless the slope of the swale is greater than 4%.

After construction is complete, all stone should be removed by the grading contractor if vegetation will be used for permanent erosion control measures.

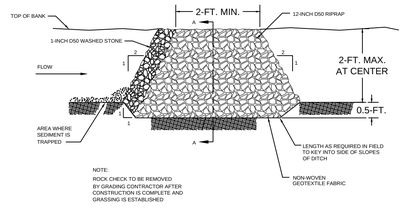
The area beneath the rock ditch checks should be seeded and mulched immediately after rock check dam removal.



SPACING BETWEEN DITCH CHECK



CROSS SECTION A-A THRU STONE DITCH CHECK



TYPICAL DITCH CHECK SECTION

B
6

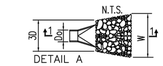
ROCK DITCH CHECK DETAIL

NOT TO SCALE

OUTLET PROTECTION

GENERAL NOTES FOR DETAILS A & B
1. Lo IS THE LENGTH OF THE RIP RAP APRON.
2. D = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 12"
3. IN A WELL-DEFINED CHANNEL EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIUM TAILWATER DEPTH OR TO THE TOP OF BANK, WHICHEVER IS LESS.
4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIP RAP AND SOIL FOUNDATION.
5. COMPACT ANY REQUIRED FILL TO DENSITY OF SURROUNDING UNDISTURBED MATERIAL.
6. RIP RAP MAY BE FIELDSTONE OR ROUGH QUARRY STONE AND SHALL BE HARD ANGULAR AND WELL-GRADED.
7. CONSTRUCT APRON AT ZERO GRADE. TOP OF RIP RAP SHALL BE LEVEL WITH THE RECEIVING CHANNEL OR STREAM. ASSURE APRON IS STRAIGHT THROUGHOUT ITS LENGTH.
8. END WIDTH OF APRON TO BE EQUAL TO WIDTH OF RECEIVING CHANNEL.

DETAIL A
SECTION 1-1

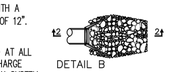


PIPE OUTLET TO FLAT AREA
NO DEFINED CHANNEL
NTS

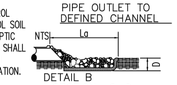
NOTE:
RIP-RAP SHALL BE "ONE MAN" RIP-RAP WITH A MINIMUM EQUIVALENT SPHERICAL DIAMETER OF 12".

NOTES:
PROVIDE A TEMPORARY STONE SPLASH PAD AT ALL FIRE HYDRANTS OR OTHER POINTS OF DISCHARGE DURING TESTING OF THE WATER DISTRIBUTION SYSTEM.

PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING CONSTRUCTION OF THE SEPTIC TANK DRAIN FIELDS. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE INSTALLATION.



PIPE OUTLET TO
DEFINED CHANNEL



C
6

OUTLET PROTECTION DETAIL

NOT TO SCALE

CONCRETE WASHOUT

NOTES:

1. ACTUAL LAYOUT DETERMINED IN FIELD.

2. INSTALL CONCRETE WASHOUT SIGN (24"X24", MINIMUM) WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

3. TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM A STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.

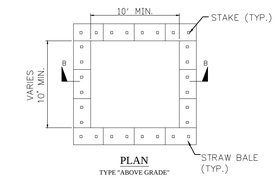
4. CLEAN OUT CONCRETE WASHOUT AREA WHEN 50% FULL.

5. THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.

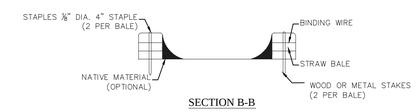
6. SILT FENCE SHALL BE INSTALLED AROUND PERIMETER OF CONCRETE WASHOUT AREA EXCEPT FOR THE SIDE UTILIZED FOR ACCESSING THE WASHOUT.

7. A ROCK CONSTRUCTION ENTRANCE MAY BE NECESSARY ALONG ONE SIDE OF THE WASHOUT TO PROVIDE VEHICLE ACCESS.

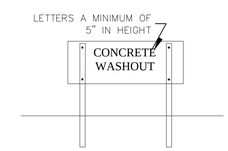
8. DETAIL PROVIDED BY SC DHEC.



PLAN
TYPE "ABOVE GRADE" WITH STRAW BALES



SECTION B-B



CONCRETE WASHOUT SIGN DETAIL

D
6

CONCRETE WASHOUT DETAIL

NOT TO SCALE

TABLE 1: PERRENIALS ** Months shaded in gray represent applicable planting dates.*

COMMON NAME[2]	BOTANICAL NAME	APPROVED SITE(S)	PLANTING RATE (lbs/acre)	PLANTING LOCATION	Planting Dates* MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
TURF-TYPE GRASSES (SELECT ONE)																
Bahiagrass[1]	Paspalumnotatum	Slopes	30	UpperState LowerState												
Common Bermudagrass[2] (hulled = hull absent)	Cynodondactylon	Shoulders, Slopes, or Medians	25	UpperState LowerState												
Common Bermudagrass[2] (unhulled = hull present)	Cynodondactylon	Shoulders, Slopes, or Medians	30	UpperState LowerState												
Carpet Grass	Axonopusaffinis	Shoulders, Slopes or Medians	15	UpperState LowerState												
Tall Fescue	Festucaarundinacea	Shoulders, Slopes, or Medians	50	UpperState LowerState												
Centipedegrass	Eremochloaophiuroides	Shoulders, Medians	10	UpperState LowerState												
GRASSES																
Weeping Lovegrass	Engrastiscurvula	Slopes	5	UpperState LowerState												
Indiangrass	Sorghastrumnutans	Slopes	10	UpperState LowerState												
Little Bluestem	Andropogonscoparius	Slopes	10	UpperState LowerState												
Coastal Panicgrass	Panicumamarum	Slopes	20	UpperState LowerState												
Switchgrass	Panicumvirgatum	Slopes	10	UpperState LowerState												
Perennial Rye Grass[3]	Lolumperenne	Shoulders, Slopes, or Medians	15	UpperState LowerState												
Virginia Wild Rye	Elymusvirginicus	Shoulders, Slopes, or Medians	6	UpperState LowerState												
LEGUMES[4]																
White Clover	Trifoliumrepens	Shoulders, Slopes	5	UpperState LowerState												
Sericea Lespedeza (Scarified seed)	Lespedeza cuneta	Slopes	50	UpperState LowerState												
Sericea Lespedeza (Unscarified seed)	Lespedeza cuneta	Slopes	80	UpperState LowerState												

[1]**Bahiagrass:**Bahiagrass may be used as an optional turf-type permanent cover at the discretion of the RCE. ** Months shaded in gray represent applicable planting dates.*
[2]**Common Bermudagrass:** *Do not use Giant Bermudagrass(NE-37).*
[3]**Perennial Rye Grass:** *Do not use Annual Italian Rye grass (Lolimmultiflorum).*
[4]Only use pre-inoculated legumes or use an appropriate inoculant with the seed at planting.
[5]If the Common Name of the seed listed in Table 1 is not available, use seed with the listed Botanical Name.

TABLE 2: ANNUALS ** Months shaded in gray represent applicable planting dates.*

COMMON NAME[5]	BOTANICAL NAME	APPROVED SITE(S)	NURSE CROP RATE (lbs/acre)	TEMP COVER RATE (lbs/acre)	PLANTING LOCATION	Planting Dates* MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
Crimson Clover[1]	Trifoliumincarnatum	Shoulders, Slopes, or Medians	20	20	UpperState LowerState												
Korean Lespedeza[1]	Lespedeza stipulacea	Shoulders, Slopes	30	NA	UpperState LowerState												
Korean Lespedeza[1] (unhulled = hull present)	Lespedeza stipulacea	Shoulders, Slopes	30	60	UpperState LowerState												
Kobe Lespedeza[1]	Lespedeza striata	Shoulders, Slopes	30	NA	UpperState LowerState												
Kobe Lespedeza[1](unhulled = hull present)	Lespedeza striata	Shoulders, Slopes	30	60	UpperState LowerState												
Browntop Millet	Panicumramosum	Shoulders, Slopes, or Medians	10	50	UpperState LowerState												
German Millet (Foxtail Millet)	Setariaitalica	Shoulders, Slopes, or Medians	25	40	UpperState LowerState												
Japanese Millet	Echinochloacrus galli	Slopes	10	50	UpperState LowerState												
Oats	Avena sativa	Slopes	65	110	UpperState LowerState												
Hairy Vetch[1]	Vicia villosa	Shoulders, Slopes, or Medians	15	50	UpperState LowerState												
Pearl Millet	Pennisetumglaucum	Slopes	15	50	UpperState LowerState												
Sudangrass	Sorghum bicolor	Shoulders, Slopes, or Medians	30	60	UpperState LowerState												
Barley	Hordeumvulgare	Shoulders, Slopes	55	110	UpperState LowerState												
Wheat	Triticum spp.	Shoulders, Slopes	75	110	UpperState LowerState												
Rye Grain[2]	Secalecereale	Shoulders, Slopes	75	110	UpperState LowerState												

[1]Only use pre-inoculated legumes or an appropriate inoculant with the seed at planting.
[2]**Rye Grain:** *Do not use Annual Italian Rye Grass (Lolimmultiflorum).*
[3]If the Common Name of the seed listed in Table 2 is not available, use seed with the listed Botanical Name.

** Months shaded in gray represent applicable planting dates.*

TABLE 4: MULCH

Mulch[1]	Applicable Slopes[2]	Minimum Application Rate (lbs/acre -dry)[3]	Min Slope Height (ft)
Straw or Hay with Tackifier	≤ 4:1	2,000	N/A
HECP Type 1 - Tracer under RECP	Per RECP	1000	N/A
HECP Type 1	≤ 4:1	2,000	N/A
HECP Type 2	4:1< S ≤ 3:1	2,500	N/A
HECP Type 3	3:1< S ≤ 2:1	3,000	N/A
HECP Type 4	2:1< S ≤ 1:1	3,500	N/A
	>1:1	4,000 (temp cover only)[4]	
Compost Mulch	≤ 2:1	200 CY/acre	N/A
When site constraints exceed the acceptable application for mulch, use Rolled Erosion Control Products (RECPs); Erosion Control Blankets (ECB) or Turf Reinforcement Matting (TRM)			
Temporary ECB or Type 1 TRM	≤ 2:1	N/A	5
Type 2 TRM	≤ 1.5:1	N/A	5
Type 3 TRM	≤ 1:1	N/A	5

SEEDING CHART

SC DOT STANDARD SPECIFICATION SECTION 810

DRAFT - WORKING COPY

NO.	BY	DATE	REVISION	APP'D.

PROJECT:
GP CLARENDON LP
ALCOLU, SOUTH CAROLINA

SHEET TITLE:
DETAILS

DRAWN BY: AMF	SCALE:	PROJ. NO. 226809.0.0	
CHECKED BY: JAM	SCALE	FILE NO. SHEET6_DETAILS.dwg	
APPROVED BY: JAM	DATE PRINTED:	**SHEET 6 OF 6**	
DATE: JANUARY 2015			

TRC
30 Patewood Dr. Suite 300
Patewood Plaza One
Greenville, SC 29615
864-288-0030

PLOT DATA
Drawing Name: J:\CAD\Georgia-Pacific\Clarendon\Erosion\Contract\20141229\SHEET6_DETAILS.dwg
Date/Time: 12/29/2014 12:32 PM
Drawing Plot Scale: 0.4991/in
Drawing Size: 6.76 Mb
Date/Time: 1/14/2015 12:32 PM
Attached Xref's: TRC-SHEET 2
Attached Image: Layout1