EROSION AND SEDIMENT CONTROL NOTES:

1. CONTRACTOR MUST ADHERE TO CITY OF LOCUST GROVE EROSION & SEDIMENT CONTROL REGULATIONS & THE "MANUAL FOR EROSION & SEDIMENT CONTROL IN GEORGIA".
2. SEDIMENT / EROSION CONTROL FACILITIES & STORM DRAINAGE FACILITIES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
3. ALL GRADED AREAS SHALL BE STABILIZED IMMEDIATELY WITH A FAST- GROWING COVER &/OR MULCH.
4. OWNER, DEVELOPER OR CONTRACTOR SHALL BE RESPONSIBLE DURING CONSTRUCTION FOR THE CONTINUOUS MAINTENANCE OF SEDIMENT & EROSION CONTROL MEASURES AS CALLED FOR ON DRAWINGS & SPECIFICATIONS.
5. SEDIMENT & EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE & UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.
6. ALL OPEN DRAINAGE SWALES SHALL BE GRASSED & RIP RAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.
7. A MINIMUM OF 10 SQUARE YARDS OF 50 POUND STONE SHALL BE PLACED AT ALL DOWNSTREAM HEADWALLS, OR AS SHOWN.
8. SILT FENCE SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT & EROSION FROM LEAVING PROPERTY LIMITS.
9. SILT FENCE SHALL BE CLEANED OR REPLACED WHEN SILT HAS ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF THE BARRIER.
10. "THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES & PRACTICES PRIOR TO, OR CONCURRENT WITH LAND DISTURBING ACTIVITIES. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES & THE INSPECTIONS & REPAIRS WILL BE MADE BY:

    NAME: JACOB LANG
    STLC, LLC C/O VEDURA RESOURCES
    ADDRESS: 1835 SAVOY DRIVE, SUITE 107
    ATLANTA, GA 30341
    PHONE (24HR.): (912) 655-3438
    EMAIL: jacob@LangCRE.com

11. "EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION & SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE."
12. **THIS PROJECT DOES NOT DISCHARGE STORMWATER INTO AN IMPAIRED STREAM SEGMENT, OR WITHIN 1 LINEAR MILE UPSTREAM OF & WITHIN THE SAME WATERSHED, AS ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT.**
13. 67 CY/ AC. SEDIMENT STORAGE SUBSTANTIALLY HANDLED BY SILT FENCE PLACED ALONG THE TOE OF SLOPES AND AN EXCAVATED INLET SEDIMENT TRAP.
14. SEDIMENT STORAGE VOLUME MUST BE IN PLACE PRIOR TO, & DURING ALL LAND DISTURBANCE ACTIVITIES UNTIL FINAL STABILIZATION OF THE SITE HAS BEEN ACHIEVED.

Du DUST CONTROL ON DISTURBED AREAS

- MULCH DISTURBED AREAS AND TACKIFY WITH RESINS SUCH AS ASPHALT, CURASOL, OR TERRATACK ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- STABILIZE DISTURBED AREAS WITH TEMPORARY OR PERMANENT VEGETATION.
- IRRIGATE DISTURBED AREAS UNTIL SURFACE IS WET.
- COVER SURFACES WITH CRUSHED STONE OR GRAVEL.
- APPLY CALCIUM CHLORIDE AT A RATE TO KEEP SURFACES MOIST.

Ds1 DISTURBED AREA STABILIZATION

(WITH MULCHING ONLY)

MATERIAL	RATE	DEPTH
STRAW OR HAY	2.5TON\ACRES	6"-10"
WOOD WASTE CHIPS, SAWDUST, BARK	6 TO 9TON/Ac	2"-3"
CUTBACK ASPHALT	1200GAL/Ac	——
POLYETHYLENE FILM	SEE MANUFACTURER'S RECOMMENDATION	——
GEOTEXTILE JUTE MATTING	SEE MANUFACTURER'S RECOMMENDATION	——

Ds2 DISTURBED AREA STABILIZATION

(WITH TEMPORARY SEEDINGS)

SPECIES	SEEDING RATE (LBS. PURE LIVE SEED)	PLANTING DATES
RYEGRASS (ANNUAL)	40 LBS/ACRE	AUGUST - APRIL
MILLET, PEARL	50 LBS/ACRE	APRIL - AUGUST
RYE	168 LBS/ACRE	AUGUST - DECEMBER

NOTES:
1. OTHER SPECIES MAY BE USED AS RECOMMENDED BY THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".
2. LIME AND FERTILIZATION ARE REQUIRED.
3. MULCHING SHALL BE REQUIRED AS DIRECTED BY THE ENGINEER USING DRY STRAW OR HAY AT A RATE OF 2.5 TONS/ACRE.

Ds3 DISTURBED AREA STABILIZATION

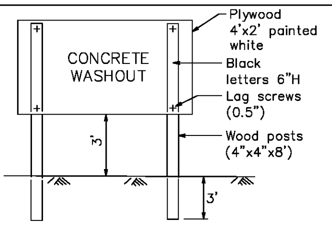
(WITH PERMANENT VEGETATION)

SPECIES	SEEDING RATE (LBS. PURE LIVE SEED)	PLANTING DATES
BERMUDA, COMMON (HULLED)	6-10 LBS/ACRE	MARCH - JUNE
BERMUDA, COMMON (UN-HULLED)	6-10 LBS/ACRE	OCTOBER - FEBRUARY
FESCUE, TALL	30 -50 LBS/ACRE	AUGUST - OCTOBER MARCH - APRIL
LESPEDEZA	60 - 75 LBS/ACRE	JANUARY - DECEMBER

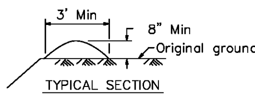
NOTES:
1. OTHER SPECIES MAY BE USED AS RECOMMENDED BY THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA"
2. MULCHING, LIME AND FERTILIZATION ARE REQUIRED. CONVENTIONAL PLANTING SHALL UTILIZE RECOMMENDED RATES DESCRIBED IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA"
3. HYDRAULIC SEEDING MIXTURES SHALL CONSIST OF APPROPRIATE AMOUNTS OF SEED, MULCH AND FERTILIZER AS DIRECTED BY THE ENGINEER.
4. SPECIES MAY BE MIXED TO OBTAIN OPTIMUM RESULTS.
5. APPLY AGRICULTURAL LIME AS PRESCRIBED BY SOIL TESTS OR AT A RATE OF 1 TO 2 TONS PER ACRE.

SEEDING CHART

SPECIES	RATES / SPACING 1000 S.F.	RATES / SPACING ACRES	PLANTING DATES MTS. - L'STONE	PLANTING DATES PIEDMONT	PLANTING DATES COASTAL	YEARS TO APPLY FERTILIZER	FERTILIZER RATES - POUNDS PER ACRE N	P	K	N TOP-DRESSING
MIDLAND OR COMMON BERMUDAGRASS	1 CU. FT.	25-40 CU. FT.	3/15 - 8/1	---	---	FIRST	60 - 90	120 - 180	120 - 180	50 - 100
SPRIG OR SOD PLUGS	3' X 3'	3' X 3'				SECOND	48	96	96	50 - 100
HULLED COMMON BERMUDAGRASS	0.25 LB.	8-10 LB.	4/10 - 6/15	4/1 - 6/15	2/15 - 6/15	FIRST	60 - 90	120 - 180	120 - 180	50 - 100
						SECOND	48	96	96	50 - 100
TALL FESCUEGRASS AND	1 LB.	30-40 LB.	8/1 - 10/15	9/1 - 11/1	9/15 - 11/15	FIRST	60 - 90	120 - 180	120 - 180	0 -50 IN SPRING
CLEAN COMBINE RUN VIRGATA OR SERICEA LESPEDEZA	1.5 LB.	60-75 LB.				SECOND	0	70 - 100	70 - 100	---



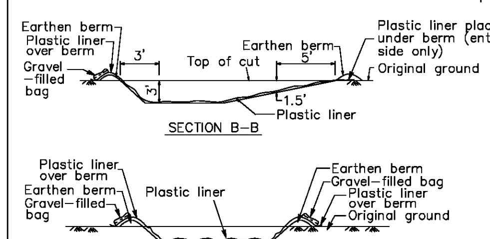
CONCRETE WASHOUT SIGN DETAIL

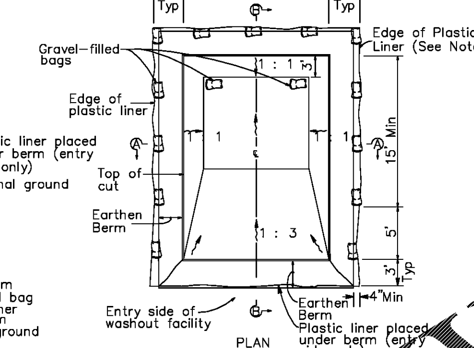


TYPICAL SECTION EARTHEN BERM

- CONCRETE TOOLS, MIXER CHUTES, HOPPERS & THE REAR OF VEHICLES ARE TO BE WASHED DOWN IN TEMPORARY WASH DOWN FACILITY ONLY.
- WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.

NOTES
1. The concrete washout sign shall be installed within 30' of the temporary concrete washout facility.
2. 10 Mil Plastic liner shall be anchored w/ gravel-filled bags for below grade concrete washout facility.





TEMPORARY CONCRETE WASHOUT FACILITY (Below Grade)

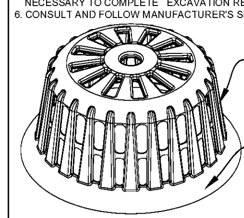
TEMPORARY CONCRETE WASHOUT DETAIL

FOR ILLUSTRATION PURPOSES ONLY

REVISION DESCRIPTION | DATE | D-1

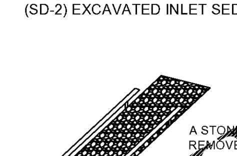
TYPICAL CONSTRUCTION SEQUENCE FOR SILT-SAVER FRAME & FILTER

1. EXCAVATE APPROXIMATELY 4" TO 6" BELOW THE TOP OF THE INLET STRUCTURE.
2. PLACE THE FRAME ONTO THE INLET STRUCTURE, ENSURING PROPER SEATING OF FRAME TO STRUCTURE.
3. SLIDE THE FILTER OVER THE FRAME.
4. FILL THE FILTER POCKETS WITH SOIL, #57 GRAVEL OR EQUIVALENT. THE FILTER POCKETS SHOULD BE COMPLETELY FILLED TO ENSURE A GOOD SEAL BETWEEN THE GROUND AND INLET STRUCTURE.
5. BACK FILL AROUND THE FRAME AND FILTER ASSEMBLY IS NOT REQUIRED TO COMPLETE INSTALLATION; HOWEVER, BACK FILLING MAY BE NECESSARY TO COMPLETE EXCAVATION REQUIREMENTS FOR THE SITE.
6. CONSULT AND FOLLOW MANUFACTURER'S SPECIFICATIONS.



SD2-A INLET PROTECTION

(SD-2) EXCAVATED INLET SEDIMENT TRAP



20' X 50' X 6" MINIMUM

STONE SIZE - ASTM D448 SIZE #1 (1.5" TO 3.5" DIAMETER).

The exit shall be maintained in a condition which will prevent tracking or flow of mud onto public rights-of-way. This may require washing the pad periodically with water to remove trapped sediment and/or adding a top dressing of 1.5-3.5 inch stone, whatever conditions demand. All materials spilled, dropped, washed, or tracked from vehicles or site onto roadways or into storm drains must be removed immediately.

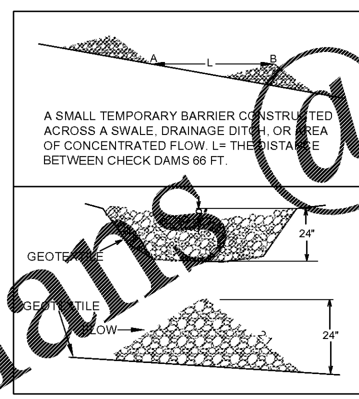
Co TEMP. CONSTRUCTION EXIT

Ds4 DISTURBED AREA STABILIZATION

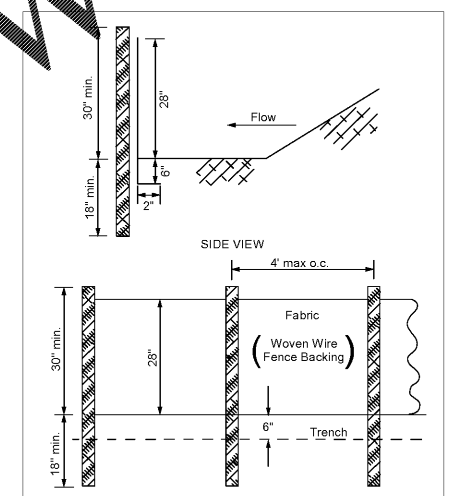
(WITH SODDING)

GRASS	VARIETIES	RESOURCE AREA	GROWING SEASON
BERMUDAGRASS	COMMON TIFWAY TIFGREEN TIFLAWN	M-L,P,C P,C P,C P,C	WARM WEATHER
BAHIAGRASS	PENSACOLA	P,C	WARM WEATHER
CENTIPEDE	-	P,C	WARM WEATHER
ST. AUGUSTINE	COMMON BITTER BLUE RALEIGH	C	WARM WEATHER
ZOYSIA	EMERALD MEYER	P,C	WARM WEATHER
TALL FESCUE	KENTUCKY	M-L,P	COOL WEATHER

NOTES:
1. BRING SOIL SURFACE TO FINAL GRADE. CLEAR SURFACE OF TRASH, WOODY DEBRIS, STONES AND CLODS LAGER THAN 1".
2. APPLY SOD TO SOIL SURFACES ONLY & NOT FROZEN SURFACES, OR GRAVEL TYPE SOILS.
3. TOPSOIL PROPERLY APPLIED WILL HELP GUARANTEE A STAND. DON'T USE TOPSOIL RECENTLY TREATED WITH HERBICIDES OR SOIL STERILIZERS.
4. FERTILIZE BASED ON SOIL TESTS OR REFER TO "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".
5. LAY SOD WITH TIGHT JOINTS & IN STRAIGHT LINES. DON'T OVERLAP JOINTS. STAGGER JOINTS & DON'T STRETCH SOD.
6. ON SLOPES STEEPER THAN 3:1, SOD SHOULD BE ANCHORED WITH PINS OR OTHER APPROVED METHODS.
7. INSTALLED SOD SHOULD BE ROLLED OR TAMPED TO PROVIDE GOOD CONTACT BETWEEN SOD & SOIL.
8. IRRIGATE SOD & SOIL TO A DEPTH OF 4" IMMEDIATELY AFTER INSTALLATION.
9. SOD SHOULD NOT BE CUT OR SPREAD IN EXTREMELY WET OR DRY WEATHER. IRRIGATION SHOULD BE USED TO SUPPLEMENT RAINFALL FOR A MINIMUM OF 2-3 WEEKS.
10. SOD SELECTED SHOULD BE CERTIFIED. SOD GROWN IN THE GENERAL AREA OF THE PROJECT IS DESIRABLE.
11. SOD SHOULD BE MACHINE CUT AND CONTAIN 3/4" (± 1/4 ") OF SOIL, NOT INCLUDING SHOOTS OR THATCH.
12. SOD SHOULD BE CUT TO THE DESIRED SIZE WITHIN ± 5%. TORN OR UNEVEN PADS SHOULD BE REJECTED.
13. SOD SHOULD BE CUT & INSTALLED WITHIN 36 HOURS OF DIGGING.
14. AVOID PLANTING WHEN SUBJECT TO FROST HEAVE OR HOT WEATHER IF IRRIGATION IS NOT AVAILABLE.
15. FOR MAINTENANCE & FERTILIZATION, REFER TO "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".



Cd-S CHECK DAM

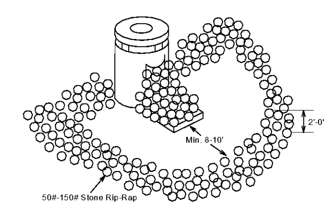


NOTE:
Use 36" D.O.T. approved fabric.
Use steel posts.- only

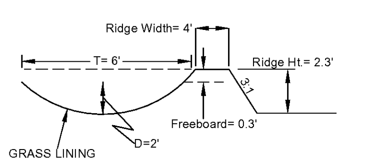
SILT FENCE - TYPE S (SENSITIVE)

Figure 6-27.2

TEMPORARY SEDIMENT BARRIER Sd1-S



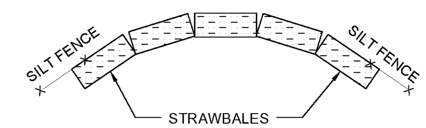
Fr STONE FILTER RING



DIVERSION CHANNEL Di

Di- CONSTRUCTION SPECIFICATIONS
1. All trees, brush, stumps, obstructions, and other objectionable material shall be removed and disposed of so as not to interfere with the proper functioning of the diversion.
2. The diversion shall be excavated or shaped to line, grade, and cross section as required to meet the criteria specified herein and free of irregularities which will impede normal flow.
3. All fills shall be machine compacted as needed to prevent unequal settlement that would cause damage in the completed diversion.
4. All earth removed and not needed in construction shall be spread or disposed of so that it will not interfere with the functioning of the diversion.
5. Diversion channel shall be stabilized in accordance with specification Ch- Channel Stabilization.

STAKE STRAWBALES AS NECESSARY
(DOUBLE STAKE MINIMUM)
REINFORCE AS NECESSARY



Sd1 SEDIMENT BARRIER
WITH STRAWBALES

TO BE SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN
1. Drainage Area- 1.58 Ac.
2. Required sediment storage = 67 cy/ac * drainage area
   Required sediment storage = 67 cy/ac * 1.58 ac
   Required Sediment Storage = 106 cy = 2,858 cf
3. Assume excavation depth (min. 1.5 ft) = 3 ft.
4. Assume slope of sides (shall not be steeper than 2:1) = 2 : 1
5. Determine required surface area
   SAmin = Required Sediment Storage / excavated depth
   SAmin = 2,858 cf / 3 ft.
   SAmin = 953 sf
6. Assume shape of excavation and determine dimensions.
   (A rectangular shape with 2:1 length to width ratio is recommended)
   Shape: Rectangular
   Dimensions: l = 75 ft. w = 38 ft.

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
STAND ALONE CONSTRUCTION PROJECTS
SWCD: MOUNTAIN DISTRICT- ATLANTA SATELLITE
Project Name: LOCUST GROVE RATAIL **Address:** 4959 BILL GARDNER PKWY.
City/County: HENRY COUNTY **Date on Plans:** 09-1ES-5-20
Name & email of person filling out checklist: George Harper george@paramountengineering.com

TO BE SHOWN ON ES&PC PLAN

Plan Page #	Included Y/N	Item
ES-4	Y	1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. (The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed)
ES1-3	Y	2 Level II certification number issued by the Commission, signature and seal of the certified design professional. (Signature, seal and Level II number must be on each sheet pertaining to ES&PC plan or the Plan will not be reviewed)
N	N	3 Limits of disturbance shall be no greater than 50 acres at any one time without prior written authorization from the EPD District Office. If EPD approves the request to disturb 50 acres or more at any one time, the Plan must include at least 4 of the BMPs listed in Appendix 1 of this checklist. * (A copy of the written approval by EPD must be attached to the plan for the Plan to be reviewed.)
ES1-3	Y	4 The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls.
ES1-3	Y	5 Provide the name, address, **email address**, and phone number of primary permittee.
ES1-3	Y	ES-Note total and disturbed acreage of the project or phase under construction.
ES1-3	Y	7 Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.
ES1-3	Y	8 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
ES1-3	Y	9 Description of the nature of construction activity.
ES1-3	Y	10 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
ES1-3	Y	11 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
ES-5		12 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on **Part IV page 19** of the permit.
ES-5	Y	13 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on **Part IV page 19** of the perm
ES1-3	Y	14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." in accordance with **Part IV.A.5 page 25** of the permit. *
ES1-3	Y	15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
	N/A	16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
ES1-3	Y	17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." *
ES1-3	Y	18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." *
ES1-3	Y	19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
ES1-3	Y	20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
ES1-3	Y	21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
	N	22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of an Biota Impaired Stream Segment must comply with Part III. C. of the permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. *
	N	23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *
ES1-3	Y	24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited. *
ES1-3	Y	25 Provide BMPs for the remediation of all petroleum spills and leaks.
ES1-3	Y	2ES Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. *
ES1-3	Y	27 Description of practices to provide cover for building materials and building products on site. *
ES1-3	Y	28 Description of the practices that will be used to reduce the pollutants in storm water discharges. *
ES1-3	Y	29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).
ES-5	Y	30 Provide complete requirements of inspections and record keeping by the primary permittee. *
ES-5	Y	31 Provide complete requirements of sampling frequency and reporting of sampling results. *
ES-5	Y	32 Provide complete details for retention of records as per Part IV.F. of the permit. *
ES-5	Y	33 Description of analytical methods to be used to collect and analyze the samples from each location. *
ES-5	Y	34 Appendix B rationale for NTU values at all outfall sampling points where applicable. *
ES1-3	Y	35 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged. *
ES1-3	Y	3ES A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all of the BMPs into a single phase. *
ES1-3	Y	37 Graphic scale and North arrow.
ES1-3	Y	38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following: (Map Scale / Ground Slope / Contour Intervals, ft: 1 inch = 100ft or larger scale — Flat 0 - 2%: 0.5 or 1; Rolling 2 - 8%: 1 or 2; Steep 8% +: 2,5 or 10)
	N/A	39 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gaswcc.org.
	N/A	40 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 201ES-5 Edition. *
ES1-3	Y	41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to state waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.
ES1-3	Y	42 Delineation of on-site wetlands and all state waters located on and within 200 feet of the project site.
ES1-3	Y	43 Delineation and acreage of contributing drainage basins on the project site.
ES1-3	Y	44 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. *
ES1-3	Y	45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
N	N/A	4ES Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.
ES1-3	Y	47 Soil series for the project site and their delineation.
ES1-3	Y	48 The limits of disturbance for each phase of construction.
ES1-3	Y	49 Provide a minimum of ES-57 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why ES-57 cubic yards of storage is not attainable must also be given. Worksheets from the Manual included for structural BMPs and all calculations used by the storage design professional to obtain the required sediment when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.
ES-4	Y	50 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter ES-5, with legend.
ES-4	Y	51 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.
ES-4	Y	52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of the year that seeding will take place and for the appropriate geographic region of Georgia.

* If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream, the * checklist items would be N/A

Effective January 1, 2020

Paramount ENGINEERING, LLC
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NEWNAN, GA. 30263
PH: (770)-473-9576
george@paramountengineering.com

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 29411 GEORGE P. HARPER III 09/16/20

GSWCC NO. 09374

REV.	DATE:	DESCRIPTION:

DRAWING NO: 200907 - LOCUST GROVE SHOPS

PROJECT: MARKET PLACE @ LOCUST GROVE SHOPS

SHEET: EROSION CONTROL DETAILS

LL 200 & 201 | 2ND DISTRICT | HENRY COUNTY

DATE: 09/16/2020 | DRAWN BY: GPH | SCALE: NTS

SHEET ES-4

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