GENERAL SOIL EROSION & SEDIMENTATION CONTROL NOTES

1. EROSION CONTROL MEASURES SHALL BE AS A MINIMUM IN CONFORMANCE WITH "THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" BY THE GA. SOIL & WATER CONSERVATION COMMISSION.
2. ANY AND ALL SILT LEAVING THE SITE IS THE COMPLETE RESPONSIBILITY OF THE CONTRACTOR.
3. ALL GRASSING SHALL BE IN ACCORDANCE WITH CHAPTER 6, SECTION III "VEGETATIVE PRACTICES" OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.
4. ANY ADDITIONAL CONSTRUCTION OTHER THAN SHOWN ON THIS PLAN WILL REQUIRE SEPARATE AND ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AND APPROVAL.
5. WHEN HAND PLANTING, MULCH (HAY OR STRAW) SHALL BE UNIFORMLY SPREAD OVER SEEDED AREA WITHIN 24 HOURS OF SEEDING.
6. DURING UNSUITABLE GROWING SEASONS, MULCH SHALL BE USED AS A TEMPORARY COVER (Ds1). ON SLOPES THAT ARE 4:1 OR STEEPER, MULCH SHALL BE ANCHORED.
7. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED DAILY AND ANY DEFICIENCIES NOTED WILL BE CORRECTED BY THE END OF EACH DAY. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.
8. THE SITE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF ALL EROSION CONTROL MEASURES INCLUDING REPLACING OR REPAIRING ANY DAMAGED DEVICES DUE TO ANY CONSTRUCTION ACTIVITY BY OTHERS DURING ALL PHASES OF CONSTRUCTION.
9. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED DAILY AND ANY DEFICIENCIES NOTED WILL BE CORRECTED BY THE END OF EACH DAY. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION BY THE ISSUING AUTHORITY.
10. NO ACTIVITIES SHALL BE CONDUCTED WITHIN THE STATE AND LOCAL JURISDICTION'S STREAM BUFFER.
11. PROVIDE EACH SECONDARY PERMITTEE A COPY OF THE EROSION CONTROL PLANS. EACH SECONDARY PERMITTEE SHALL SIGN THE PLAN.
12. ANY AMENDMENT TO THE EROSION CONTROL PLANS WHICH HAVE SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
13. MINIMIZING WIND EROSION AND CONTROLLING DUST WILL BE ACCOMPLISHED BY ONE OR MORE OF THE FOLLOWING METHODS:
    A. COVERING 30% OR MORE OF THE SOIL SURFACE WITH NON-ERODIBLE MATERIAL.
    B. ROUGHENING THE SOIL TO PRODUCE RIDGES PERPENDICULAR TO THE PREVAILING WIND.
    C. FREQUENT WATERING OF EXCAVATION AND FILL AREAS
    D. PROVIDING GRAVEL OR PAVING AT ENTRANCE/EXIT DRIVES.
14. (ITEM # 3) LIMIT OF DISTURBANCE SHALL BE NO GREATER THAN 50 ACRES AT ANY ONE TIME WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE EPD DISTRICT OFFICE.
15. **MAINTAIN ALL EROSION CONTROL MEASURES THROUGH EVERY PHASE OF CONSTRUCTION.**

INITIAL SOIL EROSION & SEDIMENTATION CONTROL NOTES

ITEM # 36

1. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED AND INSPECTED PRIOR TO ANY GRADING ON SITE. SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE SITE INSPECTOR PRIOR TO LAND DISTURBING CONSTRUCTION.
2. PROVIDE AND MAINTAIN OFF-STREET PARKING ON-SITE.
3. STAGING AREAS, MATERIAL STORAGE, CONCRETE WASHOUT AREAS, OR DEBRIS BURN AND BURIAL HOLES SHALL NOT BE LOCATED WITHIN 500 FEET OF DESIGNATED TREE PROTECTION AREAS. NO BURN AND BURY PITS SHALL BE PERMITTED ON THE CONSTRUCTION SITE WITHOUT PERMISSION BY THE OWNER AND/OR THE ENGINEER OF RECORD.
4. THE LIMITS OF LAND DISTURBANCE AND ALL STREAM BUFFERS SHALL BE CLEARLY AND ACCURATELY DEMARCATED AND MAINTAINED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS PRIOR TO COMMENCING ANY LAND DISTURBING ACTIVITY. LAND DISTURBANCE SHALL NOT BE ALLOWED OUTSIDE THE APPROVED LIMITS AS INDICATED ON THE APPROVED PLANS.
5. PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH POINT OF ENTRY TO OR EXIT FROM THE SITE OR ONTO ANY PUBLIC RIGHT-OF-WAY.
6. THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT OF WAY DURING ALL PHASES OF CONSTRUCTION. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1"-3" STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE OR SITE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.
7. IMMEDIATELY AFTER THE PLACEMENT OF THE CONSTRUCTION ENTRANCE, ALL PERIMETER EROSION CONTROL AND STORM WATER MANAGEMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE INITIAL EROSION CONTROL PLAN.
8. TYPE "C" SILT FENCE SHALL BE INSTALLED AT THE PERIMETER OF THE DISTURBED AREA AS SHOWN ON THE PLAN. THE SILT FENCE SHALL BE KEPT ERECT AT ALL TIMES AND REPAIRED AS NECESSARY.
9. SILT BARRIERS SHALL BE PLACED AT DOWNSTREAM TOE OF ALL CUT AND FILL SLOPES.
10. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITY AND MAINTAINED UNTIL FINAL LANDSCAPE IS INSTALLED. INSPECT AND REPAIR FENCE DAILY.
11. INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL EXISTING STORM STRUCTURES AS SHOWN ON THE PLAN.
12. STONE CHECK DAMS SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS AS SHOWN ON THE PLAN.
13. CLEARED TREES MAYBE UTILIZED AS BARRIER BRUSH SEDIMENT CONTROL.
14. ADDITIONAL SILT BARRIERS MUST BE PLACED AS SHOWN ON PLANS AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL TAKE PLACE UNTIL SILT BARRIER INSTALLATION AND SEDIMENT PONDS ARE CONSTRUCTED.
15. INSPECT SEDIMENT AND EROSION CONTROL MEASURES AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ON HALF THE CAPACITY OF THE DEVICE. INSTALL ADDITIONAL DEVICES AS NECESSARY.
16. ALL GRASSING SHALL BE IN ACCORDANCE WITH CHAPTER 6, SECTION III "VEGETATIVE PRACTICES" OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.
17. ANY ADDITIONAL CONSTRUCTION OTHER THAN SHOWN ON THIS PLAN WILL REQUIRE SEPARATE AND ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AND APPROVAL.
18. DISTURBED AREAS LEFT IDLE FOR 14 DAYS, AND NOT TO FINAL GRADE, WILL BE STABILIZED WITH MULCH OR TEMPORARY VEGETATION (Ds1). DISTURBED AREAS LEFT MULCHED FOR 30 DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION (Ds2). ALL AREAS BROUGHT TO FINAL GRADE WILL BE ESTABLISHED TO PERMANENT VEGETATION WITHIN 14 DAYS (Ds3).
19. WHEN HAND PLANTING, MULCH (HAY OR STRAW) SHALL BE UNIFORMLY SPREAD OVER SEEDED AREA WITHIN 24 HOURS OF SEEDING.
20. DURING UNSUITABLE GROWING SEASONS, MULCH SHALL BE USED AS A TEMPORARY COVER (Ds1). ON SLOPES THAT ARE 4:1 OR STEEPER, MULCH SHALL BE ANCHORED.

INTERMEDIATE SOIL EROSION & SEDIMENTATION CONTROL NOTES

1. MAINTAIN INITIAL EROSION CONTROL MEASURES THROUGHOUT INTERMEDIATE PHASE.
2. CONTROL EARTHWORK OPERATIONS IN THE VICINITY OF STREAM BUFFERS TO AVOID DUMPING OR SLOUGHING INTO BUFFER AREAS.
3. DO NOT ALLOW SEDIMENT TO BE WASHED INTO INLETS. REMOVE SEDIMENT FROM SEDIMENT TRAPS AND DISPOSE OF AND STABILIZE SO THAT IT WILL NOT ENTER THE INLETS AGAIN.
4. INSTALL EROSION CONTROL DEVICES IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES OF CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE OWNER OR DESIGN PROFESSIONAL.
5. MAINTAIN AND FURNISH ALL NECESSARY BARRICADES WHILE ROADWAY FRONTAGE IMPROVEMENTS ARE BEING MADE.
6. TYPE "C" SILT FENCE SHALL BE INSTALLED AT THE TOE OF ALL SLOPES 10 FEET OR GREATER IN HEIGHT. THE SILT FENCE SHALL BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED ON THE SLOPE. SILT SHALL BE REMOVED WHEN ACCUMULATION REACHES 1/2 HEIGHT THE BARRIER.
7. INSTALL BARRIERS AT THE TOE OF SLOPES UNDER CONSTRUCTION. THESE BARRIERS MAY BE RELOCATED AND REUSED AFTER PERMANENT SLOPE STABILIZATION BECOMES FULLY ESTABLISHED.
   REPLACE ANY DEFECTIVE MATERIALS IN THE BARRIER AND REMOVE DEBRIS AND SILT AT THE PREVIOUS LOCATION.
8. PLACE TYPE "C" SILT FENCE AT THE TOE OF ALL DIRT STOCKPILE AREAS AND SEED WITH TEMPORARY GRASSING.
9. INSTALL INLET SEDIMENT PROTECTION MEASURES ON ALL STORM STRUCTURES AS THEY ARE CONSTRUCTED.
10. INSTALL STONE CHECK DAMS IN AREAS OF CONCENTRATED FLOWS AS SHOWN ON THE PLAN.
11. APPLY VEGETATIVE COVER ON ALL DRAINAGE SWALES AS SOON AS FINAL GRADE IS ACHIEVED.
12. APPLY VEGETATIVE COVER ON ALL GRADED AREAS AS SOON AS FINAL GRADE IS ACHIEVED.
13. APPLY MULCH OR TEMPORARY GRASSING TO ALL EXPOSED AREAS WITHIN 14 DAYS OF LAND DISTURBANCE.
14. STABILIZE ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS WITH TEMPORARY GRASSING.
15. CONSTRUCT TEMPORARY SEDIMENT BASINS AND DIVERSION DIKES AS SHOWN ON PLAN AFTER PRELIMINARY GRADING ACTIVITIES. MAINTAIN THE SEDIMENT POND UNTIL GRADING OPERATIONS ARE COMPLETE AND THE SITE IS PERMANENTLY STABILIZED. SEDIMENT SHALL BE CLEANED OUT OF THE PONDS WHEN IT REACHES THE 1/3 DEPTH OF BASIN.
16. INSPECT SEDIMENT AND EROSION CONTROL MEASURES AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ON HALF THE CAPACITY OF THE DEVICE. INSTALL ADDITIONAL DEVICES AS NECESSARY.

FINAL SOIL EROSION & SEDIMENTATION CONTROL NOTES

1. MAINTAIN INITIAL AND INTERMEDIATE EROSION CONTROL MEASURES THROUGHOUT FINAL PHASE.
2. DO NOT ALLOW SEDIMENT TO BE WASHED INTO INLETS. REMOVE SEDIMENT FROM SEDIMENT TRAPS AND DISPOSE OF AND STABILIZE SO THAT IT WILL NOT ENTER THE INLETS AGAIN.
3. REPLACE & REMOVE INLET SEDIMENT TRAPS WITH CURB FILTER INLET PROTECTION AFTER CURBING, GRADED AGGREGATE BASE AND PAVEMENT HAS BEEN INSTALLED.
4. MAINTAIN TEMPORARY SEDIMENT BASINS AND OTHER EROSION CONTROL MEASURES UNTIL THE SITE IS PERMANENTLY STABILIZED. SEDIMENT SHALL BE CLEANED OUT OF THE PONDS WHEN IT REACHES THE 1/3 DEPTH OF BASIN.
5. APPLY VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED BEHIND CURBS OF ALL ROADWAY AND PARKING SHOULDERS.
6. INSPECT SEDIMENT AND EROSION CONTROL MEASURES AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ON HALF THE CAPACITY OF THE DEVICE. INSTALL ADDITIONAL DEVICES AS NECESSARY.
7. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND DISPOSE OF THEM OFF-SITE UPON FINAL STABILIZATION OF THE PROJECT AND CERTIFICATE OF OCCUPANCY. "FINAL STABILIZATION" MEANS THAT ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED, AND THAT FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES AND AREAS LOCATED OUTSIDE THE WASTE DISPOSAL LIMITS OF A LANDFILL CELL THAT HAS BEEN CERTIFIED BY EPD FOR WASTE DISPOSAL, 100% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION WITH A DENSITY OF 70% OR GREATER, OR EQUIVALENT PERMANENT STABILIZATION MEASURES (SUCH AS THE USE OF RIP RAP, GABIONS, PERMANENT MULCHES OR GEOTEXTILES) HAVE BEEN USED. PERMANENT VEGETATION SHALL CONSIST OF: PLANTED TREES, SHRUBS, PERENNIAL VINES; A CROP OF PERENNIAL VEGETATION APPROPRIATE FOR THE TIME OF YEAR AND REGION; OR A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION. FINAL STABILIZATION APPLIES TO EACH PHASE OF CONSTRUCTION.

ITEM # 14
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.

ITEM # 15
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.

ITEM # 17
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

ITEM # 18
WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

ITEM # 18
NO WASTE WILL BE DISPOSED OF INTO STORM WATER INLETS OR WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT

WASTE MATERIALS

ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED A MINIMUM OF ONCE PER WEEK OR MORE OFTEN IF NECESSARY AND TRASH WILL BE HAULED AS REQUIRED BY LOCAL REGULATIONS. NO CONSTRUCTION WASTE WILL BE BURIED ON SITE.

ALL PERSONNEL WILL BE INSTRUCTED ON PROPER PROCEDURES FOR WASTE DISPOSAL. A NOTICE STATING THESE PRACTICES WILL BE POSTED AT THE JOBSITE AND THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

HAZARDOUS WASTE

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL, STATE, AND/OR FEDERAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. THE JOB SITE SUPERINTENDENT, WHO WILL ALSO BE RESPONSIBLE FOR MAKING SURE THAT THESE PRACTICES ARE FOLLOWED WILL INSTRUCT SITE PERSONNEL IN THESE PRACTICES. MATERIAL SAFETY DATA SHEETS (MSDS'S) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE WILL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS. AN MSDS WILL BE MAINTAINED IN THE ESPCP FILE AT THE JOB SITE CONSTRUCTION TRAILER OFFICE. EACH EMPLOYEE WHO MUST HANDLE A SUBSTANCE WITH HAZARDOUS PROPERTIES WILL BE INSTRUCTED ON THE USE OF MSDS SHEETS AND THE SPECIFIC INFORMATION IN THE APPLICABLE MSDS FOR THE PRODUCT HE/SHE IS USING, PARTICULARLY REGARDING SPILL CONTROL TECHNIQUES.

THE CONTRACTOR WILL IMPLEMENT THE SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN FOUND WITHIN THE ESPCP AND WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR HAZARDOUS WASTES WILL BE ALLOWED TO COME IN CONTACT WITH STORMWATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORMWATER DISCHARGE WILL BE CONTAINED ON SITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS ARE TAKEN TO DISPOSE OF SUCH CONTAMINATED STORMWATER. IT SHALL BE THE RESPONSIBILITY OF THE JOB SITE SUPERINTENDENT TO PROPERLY TRAIN ALL PERSONNEL IN THE USE OF THE SPCC PLAN.

SANITARY WASTES

A MINIMUM OF ONE PORTABLE SANITARY UNIT WILL BE PROVIDED FOR EVERY TEN (10) WORKERS ON THE SITE. ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONE TIME PER WEEK BY A LICENSED PORTABLE FACILITY PROVIDER IN COMPLETE COMPLIANCE WITH LOCAL AND STATE REGULATIONS.

ALL SANITARY WASTE UNITS WILL BE LOCATED IN AN AREA WHERE THE LIKELIHOOD OF THE UNIT CONTRIBUTING TO STORM WATER DISCHARGE IS NEGLIGIBLE. ADDITIONAL CONTAINMENT BMP'S MUST BE IMPLEMENTED, SUCH AS GRAVEL BAGS OR SPECIALLY DESIGNED PLASTIC SKID CONTAINERS AROUND THE BASE TO PREVENT WASTES FROM CONTRIBUTING TO STORMWATER DISCHARGES. THE LOCATION OF SANITARY WASTE UNITS MUST BE IDENTIFIED ON THE EROSION CONTROL PLAN GRADING PHASE SHEET EC3.0 BY THE CONTRACTOR ONCE THE LOCATIONS HAVE BEEN DETERMINED.

SANITARY SEWER WILL BE PROVIDED BY MUNICIPAL AUTHORITY AT THE COMPLETION OF THIS PROJECT. THE ES&PC PLAN MUST BE IN COMPLIANCE WITH WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS DURING AND AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.

PRODUCT SPECIFIC PRACTICES

PETROLEUM BASED PRODUCTS – CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ON-SITE VEHICLE AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATER, NATURAL DRAINS AND STORM WATER DRAINAGE INLETS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO PREVENT/MINIMIZE SITE CONTAMINATION. DISCHARGE OF OILS, FUELS AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS.

PAINTS/FINISHES/SALVENTS – ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE. EXCESS PRODUCT WILL NOT BE DISCHARGED TO THE STORM WATER COLLECTION SYSTEM. EXCESS PRODUCT, MATERIALS USED WITH THESE PRODUCTS AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

ITEM # 24
CONCRETE TRUCK WASHING – NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OF DRUM WASH WATER ONSITE.

FERTILIZER/HERBICIDES – THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS OR ABOVE THE GUIDELINES SET FORTH IN THE CROP ESTABLISHMENT OR IN THE GSWCC MANUAL FOR EROSION AND SEDIMENT CONTROL IF GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.

BUILDING MATERIALS – NO BUILDING MATERIALS OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ONSITE. ALL SUCH MATERIAL WILL BE DISPOSED OF IN PROPER WASTE DISPOSAL PROCEDURES.

SPILL CONTROL PRACTICES-PRACTICES USED TO REDUCE POLLUTANTS

ITEM # 25

1. DISCHARGE OF NEW OR USED OIL, FUEL, LUBRICANTS, ETC. IS PROHIBITED. UTILIZE CONTAINMENT SYSTEMS. RECYCLED USED OILS, CONTAMINATED FUELS AND LUBRICANTS, ILLEGAL DISCHARGES ARE SUBJECT TO FINES AND PENALTIES.
2. PETROLEUM PRODUCTS SHALL BE STORED IN TIGHTLY SEALED CONTAINERS THAT SHALL BE CLEARLY LABELED AND STORED IN A CLEARLY IDENTIFIED AREA. ANY ASPHALT SUBSTANCES USED ON-SITE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.
3. FERTILIZERS USED SHALL BE APPLIED IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER SHALL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. ANY FERTILIZERS THAT ARE TO BE STORED ON-SITE, SHALL BE STORED IN A PROTECTED SECURABLE ENCLOSURE. THE CONTENTS OF ANY PARTIALLY USED BAGS AT FERTILIZERS SHALL BE TRANSFERRED TO A CLEARLY TO A CLEARLY LABELED, SEAL ABLE PLASTIC CONTAINER TO AVOID SPILLS.
4. CONCRETE TRUCKS SHALL BE ALLOWED TO WASH OUT, DISCHARGE AND DRUM WASH ONLY AT THE IDENTIFIED EQUIPMENT MAINTENANCE AREAS. MAINTENANCE AREAS SHALL BE EQUIPPED WITH A DISCHARGE CONTAINMENT AREA (I.E. EARTH BERMS SURROUNDING AREA). THE CONTAINMENT AREA SHALL BE CLEANED UP AND REMOVED FROM THE SITE UPON COMPLETION OF CONCRETE INSTALLATION WORK.
5. LOCAL, STATE, AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE CLEARLY POSTED AND SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
6. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP SHALL BE KEPT IN THE MATERIAL STORAGE AREA ON-SITE. EQUIPMENT AND MATERIALS SHALL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUSTPANS, MAPS, RAGS, GLOVES, GOGGLES, RESPIRATORS, CAT LITER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.
7. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY UPON DISCOVERY.
8. THE SPILL AREA SHALL BE KEPT WELL VENTILATED AND PERSONNEL SHALL WEAR THE APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
9. THE SPILL PREVENTION PLAN SHALL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES SHALL ALSO BE INCLUDED.
10. ALL FUEL STORAGE SHALL BE PROVIDED OFFSITE. ALL FUELING AND EQUIPMENT STORAGE SHALL BE PERFORMED AT THE DESIGNATED LOCATION SHOWN ON THE PLANS. A COVERED 55 GALLON DRUM AND A SHOVEL SHALL BE PLACED AT THIS LOCATION. ALL SPILLS DURING FUELING OF LEAKS FROM THE EQUIPMENT SHALL BE REMOVED TO FULL DEPTH OF SOIL CONTAMINATION AND THE SOIL SHALL BE PLACED IN THE DRUM. WHEN THE DRUM IS FULL, DISPOSE OF DRUM PROPERLY IN AN APPROVED ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS LAND FILL. FOR SPILLS 25 GALLONS AND GREATER MUST BE REPORTED T O THE EPA AT 1-800-241-4113 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802. THESE PLANS DO NOT AUTHORIZE THE DISCHARGE OF HAZARDOUS MATERIALS OR OILS RESULTING FROM AN ONSITE SPILL.

ITEM # 27
BUILDING MATERIAL STORAGE

PROVIDE COVER (E.G. PLASTIC SHEETING, TEMPORARY ROOFS) FOR BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS PRESENT ON THE SITE. COVER WILL BE UTILIZED TO MINIMIZE THE EXPOSURE OF THESE PRODUCTS TO PRECIPITATION AND TO NEGATE STORMWATER DISCHARGE OF POLLUTANTS FROM THESE AREAS.

GRADING RECORD

A GRADING RECORD MUST BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE DURATION OF CONSTRUCTION. GRADING REFERENCED IN GAR 100001 PART IV.D.3.a.(1).(a) AND (b).

GRADING ACTIVITIES				STABILIZATION ACTIVITIES			
	DESCRIPTION OF ACTIVITY	START	STOP		DESCRIPTION OF ACTIVITY	START	STOP
GRADING				STABILIZATION MEASURES			

ITEM # 19
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

ITEM # 20
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

ITEM # 21
ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABLIZED WITH MULCH OR TEMPORARY SEEDING

1 ESPC NOTES
NTS

N.P.D.E.S. PERMIT REQUIREMENTS FOR PART IV SECTION D

ITEM # 9
NARRATIVE:

THE PROPOSED PROJECT IS LOCATED IN DISTRICT 17, LANDLOT 52, PARCEL 14005200030344 OF FULTON COUNTY, GEORGIA. THE SITE IS MORE PARTICULARLY LOCATED AT THE JESSE HILL, JR. DRIVE GILMER STREET INTERSECTION. THE PROPOSED CONSTRUCTION CONSISTS OF A NEW 285,400 S.F. BUILDING. THE PROPOSED CONSTRUCTION WILL ALSO INCLUDE PARKING LOTS, LANDSCAPING, AND UTILITIES TO SERVE THE BUILDING AS WELL AS A STORM A CONVEYANCE SYSTEM.

THIS PROJECT WILL UNDERGO CLEARING AND GRUBBING OPERATIONS WITH THE INITIAL BMP'S IN PLACE. THESE INITIAL BMP'S WILL INCLUDE THE INSTALLATION OF THE SILT FENCE, THE CONSTRUCTION ENTRANCES AND SEDIMENTATION TRAPS. MASS GRADING OPERATIONS WILL BEGIN, ONCE THE THE CLEARING AND GRUBBING IS COMPLETE. THE BMP'S FOR THIS PHASE WILL INCLUDE THE INSTALLATION OF, TEMPORARY SEDIMENT BASINS, TEMPORARY DOWNDRAINS, DIVERSION DITCHES, INLET SEDIMENT TRAPS, EROSION CONTROL MATTING, GRASSING, AND MAINTAINING THE INITIAL BMP'S. PERMANENT STABILIZATION WILL INCLUDE IMPERVIOUS AREAS SUCH AS THE BUILDING AND ASPHALT PAVED ACCESS ROADS, AND ASPHALT PAVED PARKING LOTS. PERVIOUS AREAS WILL BE SEEDED WITH PERMANENT GRASSING. STORM DRAINAGE SYSTEMS WILL BE INSTALLED TO CONTROL STORMWATER RUN-OFF AFTER CONSTRUCTION IS COMPLETE. THESE SYSTEMS WILL INCLUDE STORMWATER INLETS, STORM PIPE AND RIP-RAP FOR OUTLET PROTECTION.

THE SITE IS CURRENTLY DEVELOPED AND HAS 4 STRUCTURES ON THE PROPERTY. THE SITE ALSO HAS SLOPES RANGING FROM 0% TO 25% AND DRAINS INTO STORM STRUCTURES IN THE RIGHT-OF-WAY. THE ADJACENT AREAS INCLUDE PIEDMONT AVE AND ARMSTRONG ST INTERSECTION TO THE NORTH. THE JESSE HILL, JR. DR. AND GILMER ST INTERSECTION LOCATED TO THE SOUTH. THE ARMSTRONG ST AND JESSE HILL, JR. DR. INTERSECTION LIES TO THE EAST AND THE PIEDMONT AVE AND GILMER ST INTERSECTION TO THE WEST OF THIS SITE.

POSSIBLE AFFECTS OF THIS PROJECT WILL BE A DISRUPTION IN TRAFFIC FLOW ON JESSE HILL, JR. ST WHICH SERVES THE SITE TO THE SOUTHWEST. GILMER ST ALSO SERVES TO THE SOUTHEAST. THE INTRENCHMENT CREEK MAY ALSO BE AFFECTED DUE TO THE PROPOSED CONSTRUCTION AS WELL.

ITEM # 11
RECEIVING WATERS:

ITEM # 22
UNNAMED TRIBUTARY OF THE INTRENCHMENT CREEK. A PORTION OF THIS PROPERTY DOES LIE WITHIN THE FLOOD HAZARD ZONE, AS PER THE FULTON COUNTY F.I.R.M. COMMUNITY PANEL NO. 13121C0244F DATED: SEPTEMBER 18, 2013. THE STORM WATER DOES NOT DISCHARGE INTO AN IMPAIRED STREAM SEGMENT, OR WITH IN 1 LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS, ANY PORTION OF AN BIOTA IMPAIRED STREAM SEGMENT.

ITEM # 28
SEDIMENTATION BASIN STATEMENT:

TWO SEDIMENTATION BASINS WILL BE USED ON THIS PROJECT TO MINIMIZE THE EROSION AND TO CONTROL SILT. BASED ON THE SITE TOPOGRAPHY, SOILS AND NATURE OF CONSTRUCTION OF THIS PARTICULAR SITE, THESE SEDIMENT BASINS ARE REQUIRED ALONG WITH THE USE OF TYPE 'C' SILT FENCE AND OTHER MEASURES AS SHOWN ON THE PLAN. STILLING BASINS WILL BE PROVIDED AT ALL OTHER STORM OUTLETS TO PROVIDE A SIMILAR EFFECT AS A FULL SEDIMENT BASIN. THIS SITE WILL BE CONSTRUCTED IN TWO SEPARATE PHASES, THEREFORE ALLOWING SEEDING TO TAKE PLACE BEFORE THE SECOND PHASE IS UNDERWAY. UPON COMPLETION THE ENTIRE SITE WILL BE SEEDED PERMANENTLY AND LANDSCAPED TO STABILIZE THE SOIL.

ITEM # 26
STORM WATER MANAGEMENT STATEMENT:

RAINFALL ACROSS IMPERVIOUS AREAS WILL PASS THROUGH SEDIMENTATION INLET TRAPS, TO BE TREATED BY FILTRATION AND DISCHARGED INTO A NEARBY STORM CONVEYANCE SYSTEM.

ITEM # 16
BUFFER ENCROACHMENT

THERE ARE NO BUFFER ENCROACHMENTS , THEREFORE A BUFFER VARIANCE IS NOT REQUIRED.

ITEM # 7
GPS LOCATION OF CONSTRUCTION EXIT:
33.752347° N, 84.383602° W

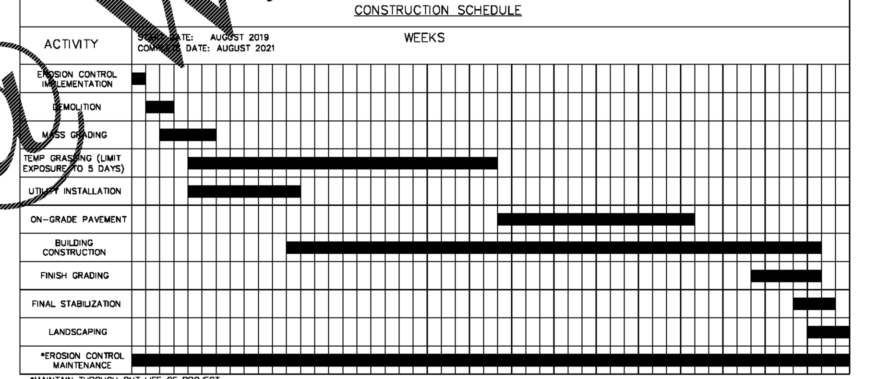
ITEM # 47

SOIL TYPES											
SYMBOL	SOIL NAME	DEPTH (inches)	ERODIBILITY	PERMEABILITY (inches/hour)	TEXTURE	DRAINAGE	SLOPE	STRUCTURE	HYDROLOGIC SOIL GROUP	EROSION FACTORS K	EROSION FACTORS T
Ub	URBAN LAND	–	–	–		–	–	–	–	–	–

NOTE:
SOILS INFORMATION WAS TAKEN FROM THE ONLINE WEB SOIL SURVEY DATED MAY 23, 2019.

STAGING OF EARTHMOVING ACTIVITIES:
THIS SCHEDULE IS REPRESENTATIVE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE MOST APPROPRIATE TIME SCHEDULE FOR CONSTRUCTION ACTIVITIES AND TO MAKE CERTAIN THAT THE CONSTRUCTION ACTIVITIES EFFECTIVELY CONTROL EROSION AND SEDIMENT ON-SITE. STRIPS AND NATURAL DEPRESSIONS WILL FURTHER FILTER WATER AND PROVIDE OPPORTUNITIES FOR INFILTRATION.

ITEM # 29
ACTIVITIES SCHEDULE:
CONSTRUCTION SCHEDULE



*MAINTAIN THROUGH OUT LIFE OF PROJECT

1. WEEK ONE TO WEEK TWO –UPON AWARD OF CONTRACT AND PRIOR TO GENERAL EARTHMOVING ACTIVITIES, THE CONTRACTOR SHALL INSTALL SILT FENCE, RETROFITTING FOR OUTLET CONTROL STRUCTURES, CONSTRUCTION ENTRANCE AND ANY OTHER PERIMETER CONTROLS NEEDED AS DETERMINED IN THE FIELD.
2. WEEK THREE – PERFORM CLEARING AND GRUBBING ACTIVITIES FOR TEMPORARY SEDIMENT BASINS OR THE DETENTION BASINS. CONSTRUCT THE OUTFALL PIPE FOR THE DETENTION BASINS AND INSTALL THE RIP-RAP APRON. CONSTRUCT THE DETENTION BASINS AND INSTALL THE RETROFIT AS SHOWN ON THE PLAN.
3. WEEK FOUR TO FIVE – PERFORM CLEARING AND GRUBBING ACTIVITIES FOR THE REMAINING AREAS OF CONSTRUCTION. SALVAGE ANY TIMBER POSSIBLE. MAKE CERTAIN THAT THE EROSION CONTROLS ARE IN PLACE AND FUNCTIONAL AND THEN STRIP TOPSOIL FROM CONSTRUCTION AREAS, STOCKPILE ON SITE AND SURROUND THE STOCKPILE WITH SILT FENCE AND ROCK FILTER OUTLETS.
4. WEEK FIVE TO WEEK TWENTY – PERFORM ROUGH GRADING OPERATIONS AND BEGIN STORM SEWER AND OTHER UNDERGROUND UTILITY CONSTRUCTION. INSTALL RIPRAP APRONS AT ALL PIPE OUTFALLS AND INSTALL TEMPORARY SEDIMENT TRAPS AT ALL CATCH BASINS AS SOON AS THEY ARE CONSTRUCTED.
5. WEEK TWENTY TO WEEK FIFTY TWO – INSTALL CURB AND GUTTER AND INSTALL ROAD AND PARKING SUBBASE AS SOON AS POSSIBLE. PERMANENTLY STABILIZE ANY AREAS THAT ARE AT FINAL GRADE AND PERFORM TEMPORARY STABILIZATION ON ANY AREAS THAT CANNOT BE PERMANENTLY STABILIZED. INSTALL THE SECOND TIRE CLEANING FACILITY.
6. WEEK NINETEEN TO WEEK FIFTY TWO – BUILDING CONSTRUCTION.
7. WEEK FIFTY TO WEEK FIFTY TWO – PERFORM FINAL STABILIZATION ON ALL AREAS TO BECOME TURF WITH TOPSOIL, SEED AND MULCH. INSTALL LANDSCAPING AS SHOWN ON THE PLAN.
8. ALL WEEKS – AFTER EACH STORM EVENT, ALL TEMPORARY EROSION CONTROL FACILITIES SHALL BE CLEANED. ALL SILT REMOVED DURING THE CLEANING OPERATIONS SHALL BE INCORPORATED INTO THE EARTHWORK AS FILL OR WASTED ON THE SITE AS DIRECTED BY THE CONTRACTING OFFICER REPRESENTATIVE.
9. AFTER FINAL STABILIZATION HAS BEEN ACHIEVED, REMOVE ALL REMAINING TEMPORARY CONTROLS. ALL AREAS DISTURBED DURING REMOVAL OF THE TEMPORARY CONTROLS MUST BE STABILIZED PRIOR TO PROJECT COMPLETION.

RUNOFF ESTIMATION INFORMATION:

ITEM # 45

BASIN NO.	PRE-DEV (100-YR) CFS	POST-DEV (100-YR) CFS
1	38.96	39.98

ITEM # 6
TOTAL SITE AREA = 3.71 ACRES
DISTURBED AREA = 2.14 ACRES

CALL 811
FREE THROUGHOUT THE U.S.A.
THREE WORKING DAYS BEFORE YOU DIG.
GEORGIA811 www.Georgia811.com
Know what's below. Call before you dig.

ITEM # 5
PRIMARY PERMITTEE
GRADY HEALTH SYSTEM
80 JESSE HILL DR. SE
ATLANTA, GA 30303
(404) 616-3872

ENGINEER
WESLEY REED, P.E.
EBERLY & ASSOCIATES, INC.
2951 FLOWERS ROAD SOUTH, SUITE 119
ATLANTA, GEORGIA 30341
(770) 452-7849
E. WREED@EBERLY.NET

ITEM # 4
24 HOUR CONTACT
CONTACT: GEORGE SMITH
NUMBER: (404) 616-3228
EMAIL: GCSMITH@GMH.EDU

N.P.D.E.S. NOTES FROM PERMIT NO. GAR 100001

ALL PARTIES INVOLVED WITH THE COMPLETION OF THE PROPOSED PROJECT SHALL READ, FAMILIARIZE THEMSELVES AND COMPLY WITH GENERAL PERMIT NO. GAR 100001.

THE PLAN SHALL INCLUDE, AS A MINIMUM, BEST MANAGEMENT PRACTICES, INCLUDING SOUND CONSERVATION AND ENGINEERING PRACTICES TO PREVENT AND MINIMIZE EROSION AND RESULTANT SEDIMENTATION, WHICH ARE CONSISTENT WITH, AND NO LESS STRINGENT THAN, THOSE PRACTICES CONTAINED IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED AND O.C.G.A. 12-7-6, AS WELL AS THE FOLLOWING:

PART I. COVERAGE UNDER THIS PERMIT
C. ELIGIBILITY.
1. CONSTRUCTION ACTIVITIES. THIS PERMIT AUTHORIZES, SUBJECT TO THE CONDITIONS OF THIS PERMIT:
A. ALL DISCHARGES OF STORM WATER ASSOCIATED WITH STAND ALONE CONSTRUCTION PROJECTS THAT WILL RESULT IN LAND DISTURBANCE EQUAL TO OR GREATER THAN ONE (1) ACRE OCCURRING ON OR BEFORE, AND CONTINUING AFTER, THE EFFECTIVE DATE OF THIS PERMIT, (HENCEFORTH REFERRED TO AS EXISTING STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES) EXCEPT FOR DISCHARGES IDENTIFIED UNDER PART I.C.3.; AND
B. ALL DISCHARGES OF STORM WATER ASSOCIATED WITH STAND ALONE CONSTRUCTION PROJECTS THAT WILL RESULT IN LAND DISTURBANCE EQUAL TO OR GREATER THAN ONE (1) ACRE OCCURRING AFTER THE EFFECTIVE DATE OF THIS PERMIT, (HENCEFORTH REFERRED TO AS EXISTING STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES).
C. COVERAGE UNDER THIS PERMIT IS NOT REQUIRED FOR DISCHARGES OF STORM WATER ASSOCIATED WITH MINOR LAND DISTURBING ACTIVITIES (SUCH AS HOME GARDENS AND INDIVIDUAL HOME LANDSCAPING, REPAIRS, MAINTENANCE WORK, FENCES AND OTHER RELATED ACTIVITIES WHICH RESULT IN MINOR SOIL EROSION) CONDUCTED OUTSIDE OF THE 25 FOOT BUFFER ALONG THE BANKS OF ALL STATE WATERS REQUIRING A BUFFER AND OUTSIDE OF THE 50 FOOT BUFFER ALONG THE BANKS OF ALL STATE WATERS CLASSIFIED AS 'TROUT STREAMS' REQUIRING A BUFFER ON INDIVIDUAL RESIDENTIAL LOTS SOLD TO HOMEOWNERS WHERE ALL PLANNED CONSTRUCTION ACTIVITIES ON THAT LOT HAVE BEEN COMPLETED AND HAVE UNDERGONE FINAL STABILIZATION.
2. MIXED STORM WATER DISCHARGES. THIS PERMIT MAY ONLY AUTHORIZE A STORM WATER DISCHARGE FROM A CONSTRUCTION SITE OR CONSTRUCTION ACTIVITIES THAT IS MIXED WITH A STORM WATER DISCHARGE FROM AN INDUSTRIAL SOURCE OR ACTIVITY OTHER THAN CONSTRUCTION WHERE:
A. THE INDUSTRIAL SOURCE OR ACTIVITY OTHER THAN CONSTRUCTION IS LOCATED ON THE SAME SITE AS THE CONSTRUCTION ACTIVITY AND IS AN INTEGRAL PART OF THE CONSTRUCTION ACTIVITY;
B. THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES ARE OCCURRING ARE IN COMPLIANCE WITH THE TERMS OF THIS PERMIT; AND
C. STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE AREAS OF THE SITE WHERE INDUSTRIAL ACTIVITY OTHER THAN CONSTRUCTION ARE OCCURRING ARE COVERED BY A DIFFERENT NPDES GENERAL PERMIT OR INDIVIDUAL PERMIT AUTHORIZING SUCH DISCHARGES AND THE DISCHARGES ARE IN COMPLIANCE WITH A DIFFERENT NPDES PERMIT.
3. LIMITATIONS ON COVERAGE. THE FOLLOWING STORM WATER DISCHARGES FROM CONSTRUCTION SITES ARE NOT AUTHORIZED BY THIS PERMIT:
A. STORM WATER DISCHARGES ASSOCIATED WITH AN INDUSTRIAL ACTIVITY THAT ORIGINATE FROM THE SITE AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED AND THE SITE HAS UNDERGONE FINAL STABILIZATION;
B. DISCHARGES THAT ARE MIXED WITH SOURCES OF NON-STORM WATER OTHER THAN DISCHARGES WHICH ARE IDENTIFIED IN PART III.A.2. OF THIS PERMIT AND WHICH ARE IN COMPLIANCE WITH PART IV.D.7. (NON-STORM WATER DISCHARGES) OF THIS PERMIT;
C. STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY THAT ARE SUBJECT TO AN EXISTING NPDES INDIVIDUAL OR GENERAL PERMIT. SUCH DISCHARGES MAY BE AUTHORIZED UNDER THIS PERMIT AFTER AN EXISTING PERMIT EXPIRES PROVIDED THE EXISTING PERMIT DID NOT ESTABLISH NUMERIC LIMITATIONS FOR SUCH DISCHARGES; AND
D. STORM WATER DISCHARGES FROM CONSTRUCTION SITES THAT THE DIRECTOR (EPD) HAS DETERMINED TO BE OR MAY REASONABLY BE EXPECTED TO BE CONTRIBUTING TO A VIOLATION OF A WATER QUALITY STANDARD.
4. COMPLIANCE WITH WATER QUALITY STANDARDS. NO DISCHARGES AUTHORIZED BY THIS PERMIT SHALL CAUSE VIOLATIONS OF GEORGIA'S IN-STREAM WATER QUALITY STANDARDS AS PROVIDED BY THE RULES AND REGULATIONS FOR WATER QUALITY CONTROL, CHAPTER 391-3-6-.03

PART III. SPECIAL CONDITIONS, MANAGEMENT PRACTICES, PERMIT VIOLATIONS AND OTHER LIMITATIONS
A. PROHIBITION ON NON-STORM WATER DISCHARGES.
1. EXCEPT AS PROVIDED IN PART I.C.2. AND III.A.2., ALL DISCHARGES COVERED BY THIS PERMIT SHALL BE COMPOSED ENTIRELY OF STORM WATER.
2. THE FOLLOWING NON-STORM WATER DISCHARGES MAY BE AUTHORIZED BY THIS PERMIT PROVIDED THE NON-STORM WATER COMPONENT OF THE DISCHARGE IS EXPLICITLY LISTED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN AND IS IN COMPLIANCE WITH PART IV.D.7.: DISCHARGES FROM FIRE FIGHTING ACTIVITIES; FIRE HYDRANT FLUSHING; POTABLE WATER SOURCES INCLUDING WATER LINE FLUSHING; IRRIGATION DRAINAGE; AIR CONDITIONING CONDENSATE; SPRINGS; UNCONTAMINATED GROUND WATER; AND FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS OR POLLUTANTS.
3. THIS PERMIT DOES NOT AUTHORIZE THE DISCHARGE OF SOAPS OR SOLVENTS USED IN VEHICL AND EQUIPMENT WASHING.
4. THIS PERMIT DOES NOT AUTHORIZE THE DISCHARGE OF WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM REALEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS
B. RELEASES IN EXCESS OF REPORTABLE QUANTITIES.
1. THE DISCHARGE OF HAZARDOUS SUBSTANCES OR OIL IN THE STORM WATER DISCHARGE(S) FROM A SITE SHALL BE PREVENTED. THIS PERMIT DOES NOT RELIEVE THE PERMITTEE OF THE REPORTING REQUIREMENTS OF GEORGIA'S OIL OR HAZARDOUS MATERIAL SPILLS OR RELEASES ACT (O.C.G.A. §§12-14-2, ET SEQ.), 40 CFR PART 117 AND 40 CFR PART 302. WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR IN EXCESS OF A REPORTING QUANTITY ESTABLISHED UNDER EITHER GEORGIA'S OIL OR HAZARDOUS MATERIAL SPILLS OR RELEASES ACT (O.C.G.A. §§12-14-2, ET SEQ.), 40 CFR 117 OR 40 CFR 302 OCCURS DURING A 24 HOUR PERIOD, THE PERMITTEE IS REQUIRED TO NOTIFY EPD AT (404) 656-4863 OR (800) 241-4113 AND THE NATIONAL RESPONSE CENTER (NRC) AT (800) 424-8802 IN ACCORDANCE WITH THE REQUIREMENTS OF GEORGIA'S OIL OR HAZARDOUS MATERIAL SPILLS OR RELEASES ACT (O.C.G.A. §§12-14-2, ET SEQ.), 40 CFR 117 AND 40 CFR 302 AS SOON AS HE/SHE HAS KNOWLEDGE OF THE DISCHARGE.
2. THIS PERMIT DOES NOT AUTHORIZE THE DISCHARGE OF HAZARDOUS SUBSTANCES OR OIL RESULTING FROM AN ON-SITE SPILL.
C. DISCHARGES INTO, OR WITHIN ONE MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS, ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT.

D. MANAGEMENT PRACTICES AND PERMIT VIOLATIONS.
1. BEST MANAGEMENT PRACTICES, AS SET FORTH IN THIS PERMIT, ARE REQUIRED FOR ALL CONSTRUCTION ACTIVITIES, AND MUST BE IMPLEMENTED IN ACCORDANCE WITH THE DESIGN SPECIFICATIONS CONTAINED IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED TO PREVENT OR REDUCE THE POLLUTION OF WATERS OF GEORGIA. PROPER DESIGN, INSTALLATION, AND MAINTENANCE OF BEST MANAGEMENT PRACTICES SHALL CONSTITUTE A COMPLETE DEFENSE TO ANY ACTION BY THE DIRECTOR OR TO ANY OTHER ALLEGATION OF NONCOMPLIANCE WITH PART III.D.3. AND PART III.D.4.
2. EXCEPT AS REQUIRED TO INSTALL THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPS AS DESCRIBED IN PART IV.D.3., THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPS MUST BE INSTALLED AND IMPLEMENTED PRIOR TO CONDUCTING ANY OTHER CONSTRUCTION ACTIVITIES (E.G., CLEARING, GRUBBING AND GRADING) WITHIN THE CONSTRUCTION SITE OR WHEN APPLICABLE, WITHIN PHASED SUB-PARTS OR SEGMENTS OF THE CONSTRUCTION SITE. FAILURE TO COMPLY SHALL CONSTITUTE A VIOLATION OF THIS PERMIT FOR EACH DAY ON WHICH CONSTRUCTION ACTIVITIES OCCUR. THE DESIGN PROFESSIONAL WHO PREPARED THE PLAN MUST INSPECT THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPS IN ACCORDANCE WITH PART IV.A.4 WITHIN 7 DAYS AFTER INSTALLATION.
3. FAILURE TO PROPERLY DESIGN, INSTALL, OR MAINTAIN BEST MANAGEMENT PRACTICES SHALL CONSTITUTE A VIOLATION OF THIS PERMIT FOR EACH DAY ON WHICH SUCH FAILURE OCCURS. BMP MAINTENANCE AS A RESULT OF THE PERMITTEE'S ROUTINE INSPECTIONS SHALL NOT BE CONSIDERED A VIOLATION FOR THE PURPOSES OF THIS PARAGRAPH. IF DURING THE COURSE OF THE PERMITTEES ROUTINE INSPECTION BMP FAILURES ARE OBSERVED WHICH HAVE RESULTED IN SEDIMENT DEPOSITION INTO WATERS OF THE STATE, THE PERMITTEE SHALL CORRECT THE BMP FAILURES AND SHALL SUBMIT A SUMMARY OF THE VIOLATIONS TO EPD IN ACCORDANCE WITH PART V.A.2. OF THIS PERMIT.
4. A DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED, AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH DISCHARGE RESULTS IN THE TURBIDITY OF RECEIVING WATER(S) BEING INCREASED BY MORE THAN TEN (10) NEPHELOMETRIC TURBIDITY UNITS FOR WATERS CLASSIFIED AS TROUT STREAMS OR MORE THAN TWENTY-FIVE (25) NEPHELOMETRIC TURBIDITY UNITS FOR WATERS SUPPORTING WARM WATER FISHERIES, REGARDLESS OF A PERMITTEE'S CERTIFICATION UNDER PART II.B.1.I. THIS PARAGRAPH SHALL NOT APPLY TO ANY LAND DISTURBANCE ASSOCIATED WITH THE CONSTRUCTION OF SINGLE-FAMILY HOMES WHICH ARE NOT PART OF A SUBDIVISION OR PLANNED COMMON DEVELOPMENT UNLESS FIVE (5) ACRES OR MORE WILL BE DISTURBED.
4. WHEN THE PERMITTEE HAS ELECTED TO MONITOR OUTFALL(S), THE DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED, AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH CONDITION RESULTS IN THE TURBIDITY OF THE DISCHARGE EXCEEDING THE VALUE SELECTED FROM APPENDIX B APPLICABLE TO THE CONSTRUCTION SITE. AS SET FORTH THEREIN, THE NEPHELOMETRIC TURBIDITY UNIT (NTU) VALUE SHALL BE SELECTED FROM APPENDIX B BASED UPON THE SIZE OF THE CONSTRUCTION SITE, THE SURFACE WATER DRAINAGE AREA AND WHETHER THE RECEIVING WATER(S) SUPPORTS WARM WATER FISHERIES OR IS A TROUT STREAM AS INDICATED IN THE RULES AND REGULATIONS FOR WATER QUALITY CONTROL, CHAPTER 391-3-6 AT WWW.GAEPD.ORG.

ITEM # 34
N.P.D.E.S. N.T.U. APPENDIX B VALUES

SIZE OF SITE: 1.00-10 ACRES
SURFACE WATER DRAINAGE AREA: 0-4.99 SQUARE MILES
TYPE OF RECEIVING WATERS: WARM WATER
NTU VALUE: 75

Warm Water (Supporting Warm Water Fisheries)

Surface Water Drainage Area, square miles

Site Size, acres	0-4.99	5-9.99	10-24.99	25-49.99	50-99.99	100-249.99	250-499.99	500+
1.00-10	75	150	200	400	750	750	750	750
10.01-25	50	100	100	200	300	500	750	750
25.01-50	50	50	100	100	200	300	750	750
50.01-100	50	50	50	100	100	150	300	600
100.01+	50	50	50	50	50	100	200	100

To use these tables, select the size (acres) of the construction site. Then, select the surface water drainage area (square miles). The NTU matrix value arrived at from the above tables is the one to use in Part III.D.4.

DESIGN PROFESSIONAL 7-DAY VISIT

DATE OF INSPECTION ____________

☐ THE INITIAL BMPS HAVE BEEN INSTALLED AND ARE BEING MAINTAINED AS DESIGNED.

☐ INSPECTION REVEALED THE FOLLOWING DISCREPANCIES FROM THE ES&PC PLAN.

THESE DEFICIENCIES MUST BE ADDRESSED WITHIN TWO (2) BUSINESS DAYS AS REQUIRED IN THE NPDES GENERAL PERMIT NO. GAR 100001

GSWCC LEVEL II DESIGN PROFESSIONAL CERTIFICATION #

DESIGN PROFESSIONAL'S CERTIFICATION

ITEM # 13
1. "I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OR THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001."

ITEM # 12
2. I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

C:\Users\wreed\Documents\WR GSWCC Level II Cert.PNG

Grady

Project
THE CENTER FOR ADVANCED SURGICAL SERVICES (CASS)
80 GILMER STREET SE
ATLANTA, GA 30303

Prepared For
GRADY HEALTH SYSTEM
80 JESSE HILL DR. SE
ATLANTA, GA 30303

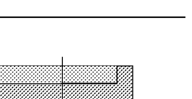
Hellmuth, Obata & Kassabaum, Inc.
133 Peachtree Street, NE, Suite 4800
Atlanta, GA 30303 USA
t +1 404 439 9000 f +1 404 439 9001

All reproduction & intellectual property rights reserved © 2019

In Association with

Eberly & Associates, Inc.
CIVIL ENGINEERING
2951 Flowers Road South, Suite 119
Atlanta, GA 30341

Key Plan



Professional Seals

NOT FOR CONSTRUCTION

No.	Description	Date
1	DD - GMP	2019-07-03

ITEM # 8

Project No: 18.16013.00

Sheet Title
EROSION, SEDIMENTATION & POLLUTION CONTROL NOTES

Original is 30 x 42. Do not scale contents of this drawing.

Sheet Number
EC100

Order Plans @ www.LDLine.com