

LEGEND

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LANDIN 181

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GA

40, 1st COUN⁻



DISTURBED AREA STABILIZATION (WITH PERMANENT GRASSING)

SURFACE ROUGHENING

24 HOUR CONTACT: Michael Cournoyer - 912-433-5484 EMAIL: MCournoyer@centurydrywall.com

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CONSTRUCTION EXIT LOCATION: 34.917721°, -83.467811°



SHEET:

PROJECT CONSTRUCTION SCHEDULE

CTIVITY DESCRIPTION	М	MONTH 1		MONTH 2			MONTH 3			MONTH 4			MONTH 5			5	MONTH 6						
MP INSTALLATION																							
MP MAINTENANCE																							
RADING																							
ALL CONSTRUCTION																							
EMP VEGETATION							1																
OUSE CONSTRUCTION																							
INAL VEGETATION																							
								01				201				401				601			

SCALE: 1" = 20'

24 HOUR EMERGENCY CONTACT RESPONSIBLE FOR EROSION. 14. BMP'S FOR REMEDIATION OF PETROLEUM SPILLS AND LEAKS: SEDIMENTATION, AND POLLUTION CONTROLS: LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP MICHAEL COURNOYER @ 912-433-5484 WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE 2. TERTIARY PERMITTEE: PERSONNEL MICHAEL COURNOYER 712 WILMINGTON ISLAND RD MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE SAVANNAH, GA 31410 MATERIAL STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDES, Phone: 912-433-5484 BUT IS NOT LIMITED TO, BROOMS, DUSTPANS MOPS, RAGS, GLOVES GOGGLES, CAT Email: MCournoyer@centurydrywallinc.com LITTER, SAND, SAWDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE 3. TOTAL SITE AREA: 1.10 ACRES CONTAINERS. ESTIMATED DISTURBED AREA: 0.60 ACRES SPILL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL THE NATURE OF THIS CONSTRUCTION ACTIVITY WILL BE FOR A SINGLE FAMILY AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS. RESIDENCE. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE STORM WATER FLOWS FROM THIS SITE TO A UNNAMED TRIBUTARY TO REPORTED AS REQUIRED BY LOCAL, STATE AND FEDERAL REGULATIONS. LITTLE PERSIMMON CREEK. FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER). THE ENGINEER'S CERTIFICATE NATIONAL RESPONSE CENTER WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675. "I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE FOR SPILLS OF AN UNKNOWN AMOUNT, THE NRC WILL BE ONTACTED WITHIN 24 HOURS AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES AT 1-800-426-2675. REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN GEORGIA EPD WILL BE CONTACTED WITHIN 24 HOURS. WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED." FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCEIS WILL BE CONTACTED AS REQUIRED. "I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED THE CONATRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY THIS PLAN IF MORE THAN 1320 GALLONS OF PETROLEUM IS STORED ONSITE (THIS DIRECT SUPERVISION." INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL 15. INSPECTION REQUIREMENTS PRIMARY AND TERTIARY PERMITTEES DESIGN PROFESSIONAL: JAMES D. IRVIN, PE 164 PROFESSIONAL DRIVE BALDWIN, GA 30511 INSPECTIONS MADE BY QUALIFIED PERSONNEL ONLY PHONE: 706-778-0067 DAILY INSPECTIONS: FAX: 706-778-0069 - AREAS WHERE PETROLEUM PRODUCTS ARE STORED, USED OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT. NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50 -VEHICLES ENTRANCES AND EXITS FOR OFF-SITE TRACKING. FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF -DAILY RAINFALL. WRESTED VEGETATION OR WITHIN 25-FEET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WEEKLY AND WITHIN 24 HOURS OF EACH RAINFALL > 0.5": WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS. NO -DISTURBED AREAS NOT YET FINALLY STABILIZED. STREAM BUFFERS ARE LOCATED WITHIN THE PROJECT LIMITS. -AREAS USED FOR STORAGE OF MATERIALS. -STRUCTURAL CONTROL MEASURES. AMENDMENTS/REVISIONS TO THE ES & PC PLAN WHICH HAVE A SIGNIFICANT -DISCHARGE POINTS AS ACCESSIBLE TO DETERMINE IF POLLUTANTS ARE LEAVING SITE. EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL MONTHLY: -AREAS OF SITE THAT HAVE REACHED FINAL STABILIZATION FOR EVIDENCE OF IMPACTS 9. WASTE MATERIALS: TO STATE WATERS BY POLLUTANTS AND SEDIMENT. - WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE. INSPECTION REPORTS MUST INCLUDE THE NAME OF THE INSPECTOR(S), THE DATE(S) EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT. OF EACH INSPECTION, MAJOR OBSERVATION RELATING TO THE IMPLEMENTATION OF - ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A THE ES&PC PLAN AND ACTIONS TAKEN IN RESPONSE TO THE INSPECTION(S). THE SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET REPORTS MUST IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE, THE REPORT MUST ALL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONTAIN A CERTIFICATION THAT THE SITE IS IN COMPLIANCE WITH THE PLAN. CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN INSPECTION REPORTS MUST BE SIGNED IN ACCORDANCE WITH PART V.G OF THE THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED A MINIMUM PERMIT OF ONCE PER WEEK OR MORE OFTEN IF NECESSARY AND TRASH WILL BE HAULED AS REQUIRED BY LOCAL REGULATIONS. 16. EACH TERTIARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE NO CONSTRUCTION WASTE WILL BE BURIED ONSITE. CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION - ALL PERSONNEL WILL BE INSTRUCTED ON PROPER PROCEDURES UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI: FOR WASTE DISPOSAL. A NOTICE STATING THESE PRACTICES WILL A. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD BE POSTED AT THE JOBSITE AND THE CONTRACTOR WILL BE B. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE **REQUIRED BY THIS PERMIT** C. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5. OF THIS 10. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED PERMIT BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL D. A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS MEASURES AND PRACTICES PRIOR TO LAND-DISTURBING ACTIVITIES. **REQUIRED BY THIS PERMIT** E. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH 11. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. PART IV.D.4.C. OF THIS PERMIT IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT F. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION GENERATED IN ACCORDANCE WITH PART III.D.2. OF THIS PERMIT AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO G. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART CONTROL OR TREAT THE SEDIMENT SOURCE. IV.D.4.C.(2). OF THIS PERMIT. 12. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 17. TO THE ENGINEER'S KNOWLEDGE, THERE ARE ON-SITE WETLANDS AND/OR STATE 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING. WATERS LOCATED ON AND/OR WITHIN 200 FEET OF THE PROJECT SITE. 13. PRACTICES USED TO REDUCE POLLUTANTS IN STORMWATER DISCHARGES: 18. SOILS IN DISTURBED AREA: - PETROLEUM BASED PRODUCTS: TVF - TUSQUITEE-HAYWOOD ASSOCIATION, STEEP CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS, AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ON-SITE VEHICLE 19. SEDIMENT STORAGE: AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE 0.32 ACRES OF DISTURBANCE FROM TERTIARY PERMITEE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY SEDIMENT STORAGE REQUIRED: 0.60 AC X 67 CY/AC = 40.2 CY FROM STATE WATER, NATURAL DRAINS AND STORM WATER DRAINAGE INLETS. SEDIMENT STORAGE PROVIDED: IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY SEDIMENT STORAGE USING SILT FENCE = 0.17 CY/LF CONTAINMENT LINER TO PREVENT/MINIMIZE SITE CONTAMINATION. DISCHARGE OF SILT FENCE STORAGE PROVIDED = 0.17 CY/LF X 299 LF = 50.8 CY OILS, FUELS AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL TOTAL SEDIMENT STORAGE PROVIDED = 50.8 CY INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL STATE REGULATIONS. APPROVED SEDIMENT BASINS ARE NOT ATTAINABLE DUE TO THE NATURE OF THE PROJECT AND THE PROPERTY FEATURES. THE CONSTRUCTION ACTIVITY - PAINTS/FINISHES/SOLVENTS: WILL NOT CHANGE THE SHEET FLOW CONDITION OF THE EXISTING TERRAIN. ALL PRODUCTS WILL BE STOWED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN FORCING A SEDIMENT BASIN ON THIS SITE OF THIS SIZE WOULD BE A POTENTIAL NOT IN USE. EXCESS PRODUCT WILL NOT BE DISCHARGED TO THE STORM WATER FOR MORE EROSION AND THE CONSTRUCTION ACTIVITY FOR A SEDIMENT BASIN COLLECTION SYSTEM. EXCESS PRODUCT, MATERIALS USED WITH THESE PRODUCTS MAY REQUIRE ADDITIONAL LAND DISTURBANCE. AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS. 20. ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL, STATE AND/OR FEDERAL REGULATIONS AND BY THE CONCRETE TRUCK WASHING PROHIBITED: MANUFACTURER OF SUCH PRODUCTS. THE JOB SUPERINTENDENT, WHO WILL NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS ALSO BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. CONCRETE OR DRUM WASH WATER ONSITE. WILL INSTRUCT SITE PERSONNEL IN THESE PRACTICES. MATERIAL SAFETY DATA SHEETS (MSDS'S) FOR EACH SUBSTANCE WITH HAZARDOUS - FERTILIZER/HERBICIDES: PROPERTIES THAT IS USED ON THE JOB SITE WILL BE OBTAINED AND USED THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT MANUFACTURER'S SPECIFICATIONS OR ABOVE THE GUIDELINES SET FORTH IN THE FROM THESE PRODUCTS. AN MSDS WILL BE POSTED IN THE IMMEDIATE AREA CROP ESTABLISHMENT OR IN THE GSWCC MANUAL FOR EROSION AND SEDIMENT WHERE SUCH PRODUCT IS STORED AND/OR USED AND ANOTHER COPY OF CONTROL IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF EACH MSDS WILL BE MAINTAINED IN THE ESPCP FILE AT THE JOB SITE IN SEALED CONTAINERS. CONSTRUCTION TRAILER OFFICE. EACH EMPLOYEE WHO MUST HANDLE A SUBSTANCE WITH HAZARDOUS PROPERTIES WILL BE INSTRUCTED ON THE USE - BUILDING MATERIALS: OF MSDS SHEETS AND THE SPECIFIC INFORMATION IN THE APPLICABLE MSDS NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF FOR THE PRODUCT HE/SHE IS USING, PARTICULARLY REGARDING SPILL CONTROL ONSITE. ALL SUCH MATERIAL WILL BE DISPOSED OF IN PROPER WASTE DISPOSAL TECHNIQUES. PROCEDURES. THE CONTRACTOR WILL IMPLEMENT THE SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN FOUND WITHIN THIS 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 STORM WATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORM WATER DISCHARGES WILL BE CONTAINED ON

SITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL

REGULATIONS ARE TAKEN TO DISPOSE OF SUCH CONTAMINATED STORM WATER. IT SHALL BE THE RESPONSIBILITY OF THE JOB SITE SUPERINTENDENT TO PROPERLY TRAIN ALL PERSONNEL IN THE USE OF THE SPCC PLAN.

A MINIMUM OF ONE PORTABLE SANITARY UNIT WILL BE PROVIDED FOR EVERY TEN 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 CONTRIBUTING TO STORM WATER DISCHARGES. THE LOCATION OF SANITARY WASTE UNITS MUST BE IDENTIFIED ON THE EROSION CONTROL PLAN GRADING PHASE BY THE CONTRACTOR ONCE THE LOCATIONS HAVE BEEN DETERMINED.

- PROPERTY IS SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY, AND RESTRICTIONS 21. OF RECORD BOTH WRITTEN AND UNWRITTEN.
- 22. ADJACENT PROPERTIES CONSIST OF RESIDENTIAL PROPERTIES.
- 23. A STABILIZED CONSTRUCTION EXIT HAS BEEN PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENT. THE PAVED STREET ADJACENT TO THE SITE EXIT WILL BE INSPECTED DAILY FOR TRACKING OF MUD, DIRT OR ROCK. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.
- 24. MAINTENANCE OF ALL EROSION CONTROL MEASURES, WHETHER TEMPORARY OR PERMANENT, SHALL AT ALL TIMES BE THE RESPONSIBILITY OF THE OWNER.
- 25. ALL CUT AND FILL SLOPES SHALL BE SURFACE ROUGHENED AND VEGETATED WITHIN THREE DAYS AFTER GRADING IS COMPLETE.
- 26. STUMPS AND CONSTRUCTION DEBRIS SHALL BE DEPOSITED IN A PROPERLY PERMITTED LANDFILL.
- 27. A DOUBLE ROW OF TYPE "S" SILT FENCE SHALL BE REQUIRED WHEN PLACED WITHIN 200' OF STATE WATERS AND AT THE TOE OF SLOPES GREATER THAN 10' IN HEIGHT.
- 28. THE CLEARING LIMITS WILL BE CLEARLY LOCATED IN THE FIELD. NO CONSTRUCTION ACTIVITY WILL TAKE PLACE OUTSIDE OF THE CLEARING LIMITS.

****EROSION CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED** PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.

CLEARING PHASE EROSION CONTROL NOTES (PHASE 1)

PRIOR TO THE LAND DISTURBING CONSTRUCTION, THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE AREA SITE DEVELOPMENT INSPECTOR OF HALL COUNTY PUBLIC WORKS.

THE CONTRACTOR SHALL OBSERVE THE PROJECT SEQUENCE SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO INSURE THAT LAND STRIPPED OF ITS NATURAL COVER IS EXPOSED ONLY IN SMALL QUANTITIES.

THE OWNER AGREES TO PROVIDE AND MAINTAIN OFF-STREET PARKING ON THE SUBJECT PROPERTY DURING THE ENTIRE CONSTRUCTION PERIOD.

NO STAGING AREAS OR MATERIAL STORAGE AREAS SHALL BE LOCATED WITHIN 500 FEET OF DESIGNATED TREE PROTECTION AREAS.

A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE AT ALL TIMES.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.

PRIOR TO COMMENCING LAND DISTURBING ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE ACTIVITY SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO LAND DISTURBANCE SHALL OCCUR OUTSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.

THE FOLLOWING INITIAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY:

- THE CONSTRUCTION EXIT. CONSISTING OF A MINIMUM PAD SIZE OF 20 FEET BY 50 FEET WITH A MINIMUM OF 6" THICK STONE SHALL BE PLACED AS SHOWN ON THE PLAN. THE STONE SIZE SHOULD CONSIST OF COURSE AGGREGATE BETWEEN 1-1/2" & 3-1/2" IN DIAMETER AND OVERLAID ON A GEO-TEXTILE UNDERLINER. THE GEO-TEXTILE UNDERLINER SHALL MEET THE REQUIREMENTS OF AASHTO M288-96, SECTION 7.3 SEPARATION REQUIREMENTS.
- IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCE/EXITS. ALL PERIMETER EROSION CONTROL AND STORM WATER MANAGEMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE CLEARING PHASE EROSION CONTROL PLAN.
- TYPE "C" SILT FENCE SHOULD BE INSTALLED AT THE PERIMETER OF THE DISTURBED AREA AS SHOWN ON THE PLAN. THE SILT FENCE SHOULD BE PLACED IN ACCORDANCE WITH THE MANUAL FOR EROSION CONTROL IN GEORGIA, TABLE 6-20.2. THE SILT FENCE SHOULD BE KEPT ERECT AT ALL TIMES AND REPAIRED WHEN REQUESTED BY THE SITE INSPECTOR OR THE PROJECT DESIGN PROFESSIONAL OF RECORD. SILT SHOULD BE REMOVED WHEN ACCUMULATION REACHES 1/2 HEIGHT OF THE BARRIER. THE PERIMETER SILT FENCE SHOULD BE INSPECTED DAILY FOR ANY FAILURES. ANY FAILURES OF SAID FENCING SHOULD BE REPAIRED IMMEDIATELY.
- 4. INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL EXISTING STORM STRUCTURES AS SHOWN ON THE PLAN. SEE SEPARATE DETAILS FOR SPECIFICS ON TYPE OF INLET PROTECTION SPECIFIED.
- 5. STONE CHECK DAMS SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS AS SHOWN ON THE PLAN.
- TREE PROTECTION FENCING SHOULD BE INSTALLED PRIOR TO THE START OF ANY LAND DISTURBANCE ACTIVITY AND MAINTAINED UNTIL FINAL LANDSCAPE IS INSTALLED. THE TREE PROTECTION FENCING SHOULD BE INSPECTED DAILY. ANY FAILURES OF SAID FENCING SHOULD BE REPAIRED IMMEDIATELY. AFTER INSTALLATION OF INITIAL EROSION CONTROL MEASURES THE SITE CONTRACTOR SHALL SCHEDULE AN INSPECTION BY THE

PROJECT DESIGN PROFESSIONAL. NO OTHER CONSTRUCTION ACTIVITIES SHALL OCCUR UNTIL THE PROJECT DESIGN PROFESSIONAL APPROVES THE INSTALLATION OF SAID EROSION CONTROL MEASURES. IF UNFORESEEN CONDITIONS EXIST IN THE FIELD THAT WARRANT ADDITIONAL EROSION CONTROL MEASURES THE CONTRACTOR MUST CONSTRUCT AN ADDITIONAL EROSION CONTROL DEVICES DEEMED NECESSARY BY THE SITE INSPECTION.

AFTER APPROVAL OF THE INITIAL EROSION CONTROL INSTALLATION, THE CONTRACTOR MAY PROCEED WITH CLEARING AND GRUBBING ACTIVITIES. AS CLEARING PERMITS, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT PONDS AND DIVERSION DIKES AS SHOWN ON THE CLEARING PHASE PLAN TO CONTROL EROSION AND STORMWATER RUNOFF.

THE CONTRACTOR CAN UTILIZE CLEARED TREES AS BARRIER BRUSH SEDIMENT CONTROL IN AREAS SHOWN ON PLAN WHERE INITIAL GRADING ACTIVITIES WILL NOT OCCUR.

BURN OR BURY PITS SHALL BE PROHIBITED ON THE CONSTRUCTION SITE. STUMPS AND CONSTRUCTION DEBRIS SHALL BE DEPOSITED IN A PROPERLY PERMITTED LANDFILL.

ADDITIONAL SILT BARRIERS MUST BE PLACED AS SHOWN ON THE PLAN AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL TAKE PLACE UNTIL SILT BARRIER INSTALLATION AND SEDIMENT PONDS ARE CONSTRUCTED AS SHOWN ON THE **EROSION CONTROL PLAN PHASE**

ALL SILT FENCE MUST MEET THE REQUIREMENTS OF SECTION 171-TEMPORARY SILT FENCE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, STANDARD SPECIFICATIONS, 1983 EDITION.

ALL ITEMS IN THIS SECTION OF THE SPECIFICATIONS SHALL MEET THE REQUIREMENTS AS SET FORTH IN SECTION 161. 162, 163 & 164 OF THE GEORGIA DOT STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES.

MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE.

ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION.

SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.

THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1-3" OF STONE, AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.

CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.

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 AS DIRECTED BY THE ON SITE INSPECTOR OR THE CIVIL ENGINEER **FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS**

GRADING PHASE EROSION CONTROL NOTES (PHASE 2) DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO ENSURE THAT LAND STRIPPED OF ITS NATURAL GROUND COVER IS EXPOSED ONLY IN SMALL QUANTITIES AND THEREFORE LIMITED DURATIONS BEFORE PERMANENT EROSION PROTECTION IS ESTABLISHED. NOTE SUB PHASES SHOWN ON PLANS.

EARTHWORK OPERATIONS IN THE VICINITY OF STREAM BUFFERS SHALL BE CAREFULLY CONTROLLED TO AVOID DUMPING OR SLOUGHING INTO THE BUFFER AREAS.

THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE PRELIMINARY GRADING PHASE OF CONSTRUCTION:

SEDIMENT SHALL NOT BE WASHED INTO INLETS. IT SHALL BE REMOVED FROM THE SEDIMENT TRAPS AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLETS AGAIN.

EROSION CONTROL DEVICES SHALL BE INSTALLED 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 THE PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTORS RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE DESIGN PROFESSIONAL IMMEDIATELY.

THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES WHILE ROADWAY FRONTAGE IMPROVEMENTS ARE BEING MADE.

TYPE "S" SILT FENCE SHOULD BE INSTALLED AT THE TOE OF ALL PROPERLY. SLOPES 10 FEET OR GREATER IN HEIGHT. THE SILT FENCE SHOULD BE PLACED IN ACCORDANCE WITH THE MANUAL FOR EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF EROSION CONTROL IN GEORGIA, TABLE 6-27.1. THE SILT FENCE FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE SHALL BE MAINTAINED UNTIL PERMANENT GROUND COVER IS FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND ESTABLISHED ON THE SLOPE. SILT SHALL BE REMOVED WHEN SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL ACCUMULATION REACHES 1/2 HEIGHT OF THE BARRIER. OR TREAT THE SEDIMENT SOURCE AS DIRECTED BY THE ON SITE ADDITIONALLY, DIVERSION DIKES SHALL BE CONSTRUCTED ALONG THE INSPECTOR OR CIVIL ENGINEER. TOP OF ALL SAID FILL SLOPES WITH THE USE OF ALL TEMPORARY DOWN DRAINS TO CONTROL STORM WATER RUNOFF AS SHOWN ON THE FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL PLANS. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING BARRIERS AT THE TOE OF SLOPES UNDER CONSTRUCTION. THESE BARRIERS SHALL BE AS SHOWN IN THE PLANS. THESE BARRIERS MAY BE RELOCATED AND REUSED AFTER PERMANENT SLOPE STABILIZATION BECOMES FULLY ESTABLISHED. AFTER THEY ARE RELOCATED, ANY DEFECTIVE MATERIALS IN THE BARRIER SHALL BE REPLACED. IN ADDITION, ALL DEBRIS AND SILT AT THE PREVIOUS LOCATION SHALL BE REMOVED.

CUT AND FILL SLOPES ARE NOT TO EXCEED "2H:1V".

ALL SLOPES STEEPER THAN 2.5:1 AND WITH A HEIGHT OF TEN FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFERS, SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL MATTING OR BLANKETS. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.

TYPE "NS" SILT FENCE SHALL BE PLACED AT THE TOE OF ALL DIRT STOCK PILE AREAS. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.

INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL STORM STRUCTURES AS THEY ARE CONSTRUCTED. SEE PLAN VIEW FOR SPECIFIC TYPE AND SEPARATE DETAILS FOR ADDITIONAL INFORMATION ON TYPE OF INLET PROTECTION SPECIFIED.

STORM DRAIN OUTLET PROTECTION SHALL BE PLACED AT ALL OUTLET HEADWALLS AS SOON AS THE HEADWALL IS CONSTRUCTED. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.

ALL DRAINAGE SWALES SHALL BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED.

ALL GRADED AREAS SHALL BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED.

MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE.

ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASSING.

AFTER PRELIMINARY GRADING ACTIVITIES, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT BASINS AND DIVERSION DIKES AS SHOWN ON PLAN. THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT POND UNTIL PERMANENT GROUND COVER IS ESTABLISHED. SEDIMENT SHALL BE CLEANED OUT OF THE PONDS WHEN IT REACHES THE 1/3 DEPTH OF BASIN. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.

SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANGES HAVE DEVELOPED.

POND TO BE INSTALLED AND FUNCTIONING BEFORE ANY MAJOR GRADING **OR IMPERVIOUS SURFACE INSTALLATION.**

CLEARING PHASE EROSION CONTROL NOTES (PHASE 2) THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1-3" OF STONE AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLE ONTO PUBLIC

CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.

ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY

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 AS DIRECTED BY THE ON SITE INSPECTOR OR THE CIVIL ENGINEER.

FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.

FINAL PHASE EROSION CONTROL NOTES (PHASE 3) THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE FINAL EROSION CONTROL PHASE OF CONSTRUCTION:

SEDIMENT SHALL NOT BE WASHED INTO INLETS. IT SHALL BE REMOVED FROM THE SEDIMENT TRAPS AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLETS AGAIN.

AFTER REACHING FINAL GRADE PROJECT AREA SHOULD RECEIVE PERMANENT VEGETATION AS NEEDED.

THE CONTRACTOR SHALL MAINTAIN ALL SEDIMENT PONDS AND EROSION CONTROL MEASURES UNTIL PERMANENT GROUND COVER IS ESTABLISHED. SEDIMENT SHALL BE CLEANED OUT OF THE PONDS WHEN IT REACHES THE LEVEL AS NOTED ON SILT GAUGE.

AFTER CURBING, GRADING AGGREGATE BASE, AND PAVEMENT HAS BEEN INSTALLED, ALL INLET SEDIMENT TRAPS ON SINGLE AND DOUBLE WING CATCH BASINS ALONG WITH ANY CURB INLETS SHALL BE REMOVED AND REPLACED WITH CURB FILTER INLET PROTECTION. SEE SEPARATE DETAIL FOR ADDITIONAL INFORMATION.

ALL ROADWAY AND PARKING SHOULDERS SHOULD BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED BEHIND CURBS.

SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.

THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1-3" OF STONE, AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.

CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING

MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.

UPON COMPLETION OF THE PROJECT AND RECEIPT OF CERTIFICATE OF OCCUPANCY, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND DISPOSE OF THEM UNLESS NOTED ON PLANS.











