

SEDIMENT STORAGE CALCULATIONS:

DISTURBED ACRES = 2.3 ACRES
REQUIRED SEDIMENT STORAGE = 87 C.Y. PER ACRE DRAINED
= 2.3 x 67 = 154.1 C.Y.

SEDIMENT STORAGE PROVIDED IN EXCAVATED SEDIMENT TRAP:

5 EXCAVATED SEDIMENT TRAPS (SHOWN ON INITIAL PHASE)
SIZE 20' X 20' X 2.5' = 37 C.Y. STORAGE EACH
TOTAL SEDIMENT STORAGE IN SEDIMENT TRAP = 185 C.Y.

SEDIMENT STORAGE IN THE INTERMEDIATE AND FINAL PHASE OF CONSTRUCTION IS PROVIDED IN THE EXISTING STORMWATER MANAGEMENT FACILITY PROVIDED FOR THE CREEKSIDE DEVELOPMENT AND IS ACCOUNTED FOR IN THE ORIGINAL APPROVED CONSTRUCTION PLANS. THIS PROJECT IS A SUPPLEMENT TO THE APPROVED E.S.P.C. PLAN.

ANTICIPATED ACTIVITY SCHEDULE

Table with columns for PHASE/INFRASTRUCTURE and 24 WEEK SCHEDULE (MAY 2018 - OCTOBER 2018). Rows include: INSTALLATION OF CONSTRUCTION EXIT PERIMETER SILT FENCE, CLEARING AND GRUBBING, PRELIMINARY GRADING, INSTALL GRADING PHASE EROSION MEASURES, MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES, FOUNDATION CONSTRUCTION, INSTALLATION OF UTILITY LINES, BUILDING CONSTRUCTION, CURB & GUTTER AND PAVEMENT, FINE GRADING, FINAL LANDSCAPING, REMOVE TEMPORARY EROSION MEASURES AND TREE PROTECTION FENCES.

EROSION CONTROL STATEMENTS:

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.

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.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

Table with columns: MAP UNIT SYMBOL, SOILS SERIES (WITH DESCRIPTION). Rows: ApC (APPLING SANDY LOAM, 10 TO 15 PERCENT SLOPES ERODED), PuD2 (PACOLET SOILS, 10 TO 25 PERCENT SLOPES ERODED), LuE (RION WATEREE COMPLEXM, 10 TO 25 PERCENT SLOPES ERODED).

REFERENCE: U.S.D.A. N.R.C.S. WEB SOIL SURVEY FOR GWINNETT COUNTY, GEORGIA

EROSION, SEDIMENT, AND POLLUTION CONTROL GENERAL NOTES

PROJECT NARRATIVE:

PROJECT NAME: CREEKSIDE RETAIL
SITE ADDRESS/LOCATION: FRIENDSHIP ROAD AND S.R. 211 G.M.D. 1749 TOWN OF BRASELTON HALL COUNTY, GEORGIA
PRIMARY PERMITEE: FRIENDSHIP ROAD PROPERTIES, LLC P.O. BOX 789 G.M.D. 1749 TOWN OF BRASELTON GA 30217
24-HOUR CONTACT NAME: MR. RANDY HERRON (404) 578-8296
PROPOSED LAND USE: MIXED USE COMMERCIAL DEVELOPMENT
TOTAL PROJECT AREA: ± 2.07 AC.
TOTAL DISTURBED AREA: ± 2.3 AC.
TOTAL BUFFERED AREA: ± 0.00 AC.
EARTHWORK: NEAT CUT= ±1,350 C.Y. / NEAT FILL= ±1,200 C.Y.

PRE-DEVELOPED ESTIMATED RUNOFF COEFFICIENT CN = 61
POST-DEVELOPED ESTIMATED RUNOFF COEFFICIENT CN = 85.3

CONSTRUCTION ENTRANCE LOCATION: LATITUDE: 34.1236° N LONGITUDE: 83.6288° W

NPDES FEE CALCULATION: N/A (FEES WERE PREVIOUSLY PAID FOR THE ENTIRE CREEKSIDE MIXED USE DEVELOPMENT)

PROJECT RECEIVING WATERS: UNNAMED TRIBUTARY OF THE MULBERRY RIVER
THE POST-DEVELOPED STORMWATER FOR THIS PROJECT DRAINS TO A MASTER DETENTION FACILITY FOR THE CREEKSIDE MIXED USE DEVELOPMENT WHICH DISCHARGES INTO AN UNNAMED TRIBUTARY OF THE MULBERRY RIVER. THE UNNAMED TRIBUTARY EVENTUALLY DRAINS TO THE MULBERRY RIVER WHICH IS LISTED ON THE GA EPD 305(b)/303(d) LIST AS IMPAIRED FOR BOD W AND TO FROM URBAN RUNOFF. A TMDL FOR TO WAS COMPLETED IN 2007 AND A TMDL FOR BOD W WAS COMPLETED IN 2002. NO ADDITIONAL MEASURES WERE IDENTIFIED THAT WOULD AFFECT THIS PROJECT. THE 4 ADDITIONAL REQUIRED BMP'S USED FOR THIS PROJECT ARE LISTED ON THE EROSION CONTROL PLAN. THE RECEIVING WATERS IS A WARM WATER STREAM AND NO AFFECT TO THE NEIGHBORING AREA IS ANTICIPATED.

DESCRIPTION OF PROPOSED CONSTRUCTION ACTIVITY: THE PROJECT SHALL CONSIST OF THE SITE DEVELOPMENT OF A COMMERCIAL/RETAIL BUILDING WITH ASSOCIATED PARKING, INCLUDING GRADING, DRAINAGE, UTILITY INSTALLATION, AND PAVING.

EXISTING SITE CONDITIONS: THE SUBJECT PROPERTY IS CURRENTLY A PREVIOUSLY MASS GRADED MIXED USE COMMERCIAL DEVELOPMENT. ONE MASTER DETENTION FACILITY IS CURRENTLY PROVIDED TO PROVIDE WATER QUALITY AND DETENTION FOR THE ENTIRE DEVELOPMENT. THE SUBJECT PROPERTY LIES AT THE NORTHWEST CORNER OF THE INTERSECTION OF S.R. 211 AND S.R. 347 (FRIENDSHIP ROAD).

SOIL EROSION NOTES:

- 1. THE SOIL EROSION AND SEDIMENT CONTROL PROCEDURES AND DETAILS AS SHOWN HEREON AND STIPULATED IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" SHALL BE FOLLOWED AND INSTALLED IN A MANNER SO AS TO MINIMIZE SEDIMENT LEAVING THE SITE.
- 2. THE CONTRACTOR WILL BE REQUIRED TO INCORPORATE ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES INTO THE PROJECT AT THE EARLIEST PRACTICABLE TIME DURING CONSTRUCTION. THE EROSION CONTROL MEASURES DETAILED HEREON SHALL BE CONTINUED UNTIL THE PERMANENT DRAINAGE FACILITIES HAVE BEEN CONSTRUCTED AND UNTIL ALL DISTURBED AREAS HAVE BEEN RE-STABILIZED SO AS TO ESTABLISH AN EFFECTIVE EROSION DETERRENT. ALL COLLECTED SEDIMENT REMOVED FROM IMPOUNDMENT AREAS SHALL BE EVENLY DISTRIBUTED AND PERMANENTLY STABILIZED.
- 3. TEMPORARY AND PERMANENT VEGETATIVE COVER SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER VI, SECTION III OF THE MANUAL DESCRIBED IN NOTE NO. 1 ABOVE.
- 4. EROSION CHECKS SHALL BE CONDUCTED AT THE LOCATION AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS AND SHALL BE CONDUCTED BEFORE ANY GRADING IS ACCOMPLISHED WHENEVER POSSIBLE AND AS SOON AS PRACTICAL OTHERWISE. ALL GRADED AREAS, SLOPES, ETC. WHICH DRAIN TOWARD THE EROSION CHECK SHALL BE GRASSED OR STABILIZED WITH STRAW MULCH IMMEDIATELY AFTER GRADING. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE INTEGRITY AND EFFECTIVENESS OF ALL EROSION CHECKS UNTIL ALL DISTURBED AREAS ARE RE-STABILIZED. THE EXTENT AND LOCATION OF EROSION CHECKS INDICATED ON THE PLANS IS THE ESTIMATED NUMBER REQUIRED. ADDITIONAL EROSION CHECKS MAY BE NECESSARY DEPENDING ON ACTUAL FIELD CONDITIONS AND SHALL BE INSTALLED WHEN DIRECTED BY THE GOVERNING AUTHORITY. WHEN THE PERMANENT DRAINAGE STRUCTURES HAVE BEEN INSTALLED AND ALL DISTURBED AREAS HAVE BEEN RE-STABILIZED ADEQUATELY TO BE AN EFFECTIVE EROSION DETERRENT, EROSION CHECKS SHALL BE REMOVED AND ALL BARE SPOTS SHALL BE PERMANENTLY STABILIZED.
- 5. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED 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 AFTER ON-SITE INSPECTION BY THE OWNER OR HIS REPRESENTATIVE.
- 6. SURFACE ROUGHENING - S_u - SHOULD BE APPLIED TO ALL SLOPES STEEPER THAN 3:1 THAT ARE NOT COVERED BY ROLLED EROSION CONTROL PRODUCTS, LABELED AS S_u-REPT ON THE EROSION CONTROL PLANS.
- 7. ALL FILL SLOPES WILL HAVE SILT FENCE AT THE TOE OF SLOPES.
- 8. NO CONSTRUCTION SHALL BE CONDUCTED WITHIN A 50 FOOT BUFFER ALONG THE BANKS OF ALL STREAMS, CREEKS, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION IS WRESTED BY NORMAL STREAM FLOW.
- 9. TO OUR KNOWLEDGE, THIS SITE DOES NOT CONTAIN WETLAND AREAS WITHIN THE LIMITS OF DISTURBANCE.
- 10. THE EXTENT AND LOCATION OF EROSION CONTROL MEASURES SHOWN ON THE PLANS IS THE ESTIMATED NUMBER REQUIRED. ADDITIONAL CONTROL MEASURES MAY BE REQUIRED DUE TO ACTUAL FIELD CONDITIONS, AND WILL BE INSTALLED AT CONTRACTOR'S EXPENSE WHEN DIRECTED BY THE OWNER OR HIS REPRESENTATIVE.
- 11. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE CONTRACTOR.
- 12. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
- 13. NO PORTION OF THE SUBJECT PROPERTY LIES WITHIN A 100-YEAR FLOOD HAZARD ZONE.
- 14. THERE IS NOT A LAKE LOCATED WITHIN 500' OF THIS SITE.
- 15. THERE ARE NOT STATE WATERS WITHIN 200' OF THIS SITE.
- 16. A 50-FOOT UNDISTURBED BUFFER IS TO BE MAINTAINED ADJACENT TO ALL STREAMS.
- 17. DETENTION POND, DETENTION OUTLET STRUCTURES AND TEMPORARY SEDIMENT POND FEATURES ARE TO BE CONSTRUCTED AND FULLY OPERATIONAL BEFORE ANY OTHER CONSTRUCTION OR GRADING.
- 18. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY VEGETATION OR MULCH IF LAND-DISTURBING ACTIVITIES CEASE FOR MORE THAN 14 CALENDAR DAYS.
- 19. CONCENTRATED FLOW AREAS AND SLOPES STEEPER THAN 2.5:1 WITH A HEIGHT OF TEN FEET OR GREATER SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.

THE PROFESSIONAL WHO SEALS THIS PLAN CERTIFIES UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY THE PROFESSIONAL OR THE PROFESSIONAL'S AUTHORIZED AGENT, UNDER THE PROFESSIONAL'S DIRECT SUPERVISION.

- 21. NOTIFICATION AND AUTHORIZATION OF THE OWNER, THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS RESPONSIBLE FOR INSPECTING THE INSTALLATION OF THE BMP'S WITHIN 7 DAYS AFTER INITIAL CONSTRUCTION ACTIVITIES BEGINS.
 - 22. THE TOTAL WETLAND ACRES ON SITE ARE 0.00 AC.
- CRITICAL AREA STATEMENT AND LOCATIONS:**
- 1. THIS SITE DOES NOT CONTAIN CRITICAL AREAS.
 - 2. ALL SLOPES OVER 3:1 SHALL HAVE EROSION CONTROL MATTING.
 - 3. DOUBLE ROWS OF TYPE "C" SILT FENCING WILL BE USED AT THE TOE OF ALL FILL SLOPES AS DESIGNATED ON THE EROSION AND SEDIMENT CONTROL PLAN.
 - 4. THE SITE WILL BE STABILIZED USING MULCHING AND TEMPORARY AND PERMANENT GRASSING. TEMPORARY EROSION CONTROL MEASURES WILL REMAIN UNTIL FINAL STABILIZATION.
 - 5. ALL SLOPES AND FILL AREAS GREATER THAN 6 FEET IN HEIGHT WILL HAVE MB MATTING AND BLANKETS
 - 6. ALL DISCHARGE PIPING WILL HAVE RIP RAP OUTLET PROTECTION TO DISSIPATE EROSION VELOCITIES.
 - 7. ALL DISTURBED AREAS TO RECEIVE DS1, DS2, AND DS3.
 - 8. CONCENTRATED FLOW AREAS AND ALL SLOPES STEEPER THAN 2.5:1 WITH A HEIGHT OF TEN FEET OR GREATER SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.

NPDES GENERAL NOTES:

STABILIZATION MEASURES:

DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY VEGETATION OR MULCH IF LAND-DISTURBING ACTIVITIES CEASE FOR MORE THAN 14 CALENDAR DAYS. (SEE CONSTRUCTION DETAILS FOR DEVICES THAT MAY BE USED AND THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, LATEST EDITION).

IF THE 14TH DAY IS PRECLUDED BY ADVERSE WEATHER CONDITIONS, WHICH LIMITS SITE ACCESS OR EQUIPMENT MOBILITY, STABILIZATION SHALL OCCUR AS SOON AS PRACTICAL.

IF CONSTRUCTION ACTIVITIES ARE TO RESUME IN A SITE-SPECIFIC AREA IN LESS THAN 21 DAYS, AFTER DATE OF TEMPORARY CEASING OF WORK, THEN THAT DAY WILL BE WASTED. MAXIMUM STABILIZATION SHALL OCCUR UPON THE 21ST DAY IF NO MAJOR WORK IS OCCURRING IN THE DEFINED AREA.

PRESERVATION OF NATURAL VEGETATION SHALL OCCUR THROUGHOUT THE SITE WHERE PRACTICAL. SEE LOCATIONS OF BUFFER ZONES AND TREE SAVE AREAS AS IDENTIFIED ON THE CONSTRUCTION PLANS FOR THIS PROJECT.

DATES SHALL BE RECORDED WHEN MAJOR GRADING OCCURS, WHEN ACTIVITIES CEASE TEMPORARILY OR PERMANENTLY, AND WHEN STABILIZATION MEASURES ARE INITIALIZED.

STRUCTURAL PRACTICES:

THE STRUCTURAL PRACTICES USED FOR THIS PROJECT INCLUDE A DETAILED EROSION, SEDIMENT AND POLLUTION CONTROL PLAN THAT INCORPORATES THE USE OF A SEDIMENT TRAP, SILT FENCING, CONSTRUCTION EXIT, MATTING BLANKETS AND TEMPORARY AND PERMANENT VEGETATION.

STRUCTURAL PRACTICES USED FOR THIS PROJECT THAT WILL CONTROL POLLUTANTS IN STORM WATER THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED INCLUDE RIP RAP OUTLET PROTECTION, MATTING BLANKETS, AND PERMANENT VEGETATION.

STRUCTURAL PRACTICES USED TO MINIMIZE OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST INCLUDE THE USE OF CONSTRUCTION EXITS AND DUST CONTROL ON DISTURBED AREAS (SEE SHEETS 11 TO 12 FOR DETAILS).

SEDIMENT BASINS:

SINCE THIS SITE IS CURRENTLY PAD GRADED AND STORMWATER MANAGEMENT INFRASTRUCTURE IS ALREADY IN PLACE, A TEMPORARY SEDIMENT BASIN WILL NOT BE PROVIDED FOR THIS PROJECT. INSTEAD, FIVE (5) INLET SEDIMENT TRAPS (SD2-F) WILL BE UTILIZED FOR THIS PROJECT AS SHOWN ON THE INITIAL PHASE EROSION CONTROL PLAN TO PROVIDE THE REQUIRED SEDIMENT STORAGE.

MAINTENANCE OF VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES:

ALL STRUCTURAL BMP'S SHALL BE MAINTAINED IN ACCORDANCE WITH THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA". ALL SEDIMENT CONTROL DEVICES (EXCEPT SEDIMENT BASINS) SHALL BE MAINTAINED AS A MINIMUM, BE CLEANED WHEN ONE-HALF THE CAPACITY, BY HEIGHT, DEPTH, OR VOLUME HAS BEEN REACHED. SEDIMENT BASINS SHALL BE CLEANED OF SEDIMENT WHEN ONE-THIRD THE CAPACITY BY VOLUME HAS BEEN REACHED.

AS A MINIMUM THE CONTRACTOR SHALL COMPLETE THE PERMANENT GRASSING OR TEMPORARY GRASSING OR MULCHING, AS APPROPRIATE AND IN ACCORDANCE WITH THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA", ON ALL CUT AND FILL SLOPES ON A WEEKLY BASIS DURING GRADING OPERATIONS. EXCEPT PROJECTS WITH A TOTAL OF 3 ACRES OR LESS OF GRASSING MAY BE CREATED EVERY TWO WEEKS. WHEN CONDITIONS WARRANT, THE ENGINEER MAY REQUIRE MORE FREQUENT INSPECTIONS FOR THIS WORK. AT A MINIMUM, MULCH SHALL BE PLACED TO PROVIDE TEMPORARY COVER UNTIL VEGETATION CAN BE ESTABLISHED.

STORM WATER MANAGEMENT:

VELOCITY DISSIPATION DEVICES SHALL BE INSTALLED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL FOR THE PURPOSE OF PROVIDING NON-EROSIVE VELOCITY BELOW FROM THE STRUCTURE TO A WATERCOURSE. OPERATORS GOVERNED BY THE NPDES PERMIT REGULATIONS, ARE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF STORM WATER MANAGEMENT MEASURES TO KEEP THEM IN COMPLIANCE WITH THE NPDES PERMIT CONDITION UP TO FINAL STABILIZATION AND APPROVAL BY THE GOVERNING AUTHORITY.

NOTE: THE PRIMARY PERMITEE IS ONLY RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF STORM WATER MANAGEMENT DEVICES PRIOR TO THE STABILIZATION OF THE SITE AND NOT THE OPERATION AND MAINTENANCE OF SUCH STRUCTURES AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.

ONE (1) STORM WATER MANAGEMENT FACILITY IS PROVIDED FOR THE OVERALL DEVELOPMENT. THE PROPOSED DETENTION FACILITIES IS DESIGNED AS WET EXTENDED DETENTION POND. THE FACILITY WILL STORE AND RELEASE TREATMENT WATER QUALITY VOLUME RESULTING FROM THE FIRST 1.2 INCHES OF RAINFALL WITH THE EXCESS ON-SITE AREA DRAINING TO THE POND. SEE THE HYDROLOGY REPORT PREPARED FOR THE CREEKSIDE MIXED USE DEVELOPMENT (BY OTHERS) FOR FURTHER EXPLANATION.

BMP INSPECTION:

UPON NOTIFICATION OF THE OWNER, THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS RESPONSIBLE FOR INSPECTING THE INSTALLATION OF THE BMP'S WITHIN 7 DAYS AFTER INITIAL CONSTRUCTION. A CERTIFICATION LETTER STATING THE RESULTS OF THE INSPECTION SHALL BE PROVIDED AND KEPT ON-SITE.

THE PRIMARY PERMITEE MUST RETAIN THE DESIGN PROFESSIONAL WHO PREPARED THE PLAN, EXCEPT WHEN THE PRIMARY PERMITEE HAS REDUCED THE WRITING AND HAS AGREED TO AN ALTERNATE DESIGN PROFESSIONAL TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WHICH THE DESIGN PROFESSIONAL DESIGNED WITHIN SEVEN (7) DAYS AFTER INSTALLATION. THE DESIGN PROFESSIONAL SHALL DETERMINE IF THESE BMP'S HAVE BEEN INSTALLED AND ARE BEING MAINTAINED AS DESIGNED. THE DESIGN PROFESSIONAL SHALL REPORT THE RESULTS OF THE INSPECTION TO THE PRIMARY PERMITEE WITHIN SEVEN (7) DAYS AND THE PERMITEE MUST CORRECT ALL DEFICIENCIES WITHIN TWO (2) BUSINESS DAYS OF RECEIPT OF THE INSPECTION REPORT FROM THE DESIGN PROFESSIONAL UNLESS WEATHER RELATED SITE CONDITIONS ARE SUCH THAT ADDITIONAL TIME IS REQUIRED.

ANY AMENDMENT TO THE EROSION, SEDIMENT, AND POLLUTION CONTROL PLANS WHICH HAVE A SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL. REVISIONS OR AMENDMENTS SHOULD BE SUBMITTED TO THE LOCAL ISSUING AUTHORITY FOR REVIEW. AN UPDATED COPY OF THE ES&PC PLAN SHALL BE KEPT ON-SITE.

CONTROLS

NO WASTE WILL BE DISPOSED OF INTO STORM WATER INLETS OR WATERS OF THE STATE.

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 JOB SITE AND THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

STORAGE LOCATION AND DISPOSAL PROCEDURES FOR CONCRETE TRUCK OR MIXER WASH OUT:

CONCRETE TRUCK WASH OUT LOCATION SHALL BE IN A TEMPORARY TRUCK WASH OUT AREA LOCATED ON THE CREST OF THE ACCESS ROAD. WASH OUT SHALL BE CONTAINED WITHIN A PIT OR TRENCH WITH NO MATERIAL LEAVING THE SITE OR IMPACTING VEGETATED AREAS. DISPOSAL OF MATERIAL SHALL BE ACCOMPLISHED BY EITHER BREAKING THE MATERIAL INTO ACCEPTABLE PIECES AND PLACING IT WITHIN UNCLASSIFIED FILL AREAS AS DIRECTED BY THE ON-SITE GEOTECHNICAL ENGINEER, OR IT SHALL BE DISPOSED OF OFF-SITE IN A STATE APPROVED LANDFILL.

NOTE: THE PROFESSIONAL WHO SEALS THIS PLAN CERTIFIES UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY THE PROFESSIONAL OR THE PROFESSIONAL'S AUTHORIZED AGENT, UNDER THE PROFESSIONAL'S DIRECT SUPERVISION.

NPDES GENERAL NOTES (CONTINUED):

SPILL CLEANUP AND CONTROL PRACTICES:

- LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL.
- MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDE BUT IS NOT LIMITED TO BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SANDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS.
- SPILL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.
- ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL, STATE AND FEDERAL REGULATIONS.
- FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675.
- FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675.
- FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA DEPARTMENT OF ENVIRONMENTAL PROTECTION (DAP) WILL BE CONTACTED WITHIN 24 HOURS.
- FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.

THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1,320 GALLONS OF PETROLEUM IS STORED ON-SITE (THIS INCLUDES CAPACITY OF EQUIPMENT) OR ONE PIECE OF EQUIPMENT HAS A CAPACITY OF 860 GALLONS. THE PROFESSIONAL WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.

PRODUCT SPECIFIC PRACTICES:

PETROLEUM BASED PRODUCTS - CONTAINERS FOR PRODUCTS SUCH AS OILS, GREASES, LUBRICANTS, AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES WASTE VEHICLES, EQUIPMENT, MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM SURFACE WATER, NATURAL AREAS, AND STORM WATER DRAINAGE INLETS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO PREVENT/MINIMIZE SITE CONTAMINATION. LEAKAGE 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 REGULATION.

PAINTS/FINISHES/COATINGS - ALL PRODUCTS MUST BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS AND NOT IN UNLIDDED OR EXCESS PRODUCT WILL NOT BE DISCHARGED TO THE STORM WATER COLLECTION SYSTEM. EXCESS PAINTS, MATERIALS MIXED WITH THESE PRODUCTS, AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

CONCRETE TRUCK WASHOUT - CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR STORM WASH WATER ON-SITE.

UTILIZERS/AGRICULTURE - 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 THE OSWDC MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.

BUILDING MATERIALS - NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ON-SITE. ALL SUCH MATERIAL WILL BE DISPOSED OF IN PROPER WASTE DISPOSAL PROCEDURES.

HAZARDOUS WASTES:

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 SEEING THAT THESE PRACTICES ARE FOLLOWED, WILL INSTRUCT SITE PERSONNEL IN THE 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 POSTED IN THE IMMEDIATE AREA WHERE MUCH PRODUCT IS STORED AND / OR USED AND ANOTHER COPY OF EACH MSDS WILL BE MAINTAINED IN THE ES&PC FILE OF 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 THIS ES&PC 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 DISCHARGE WILL BE CONTAINED ON SITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS ARE TAKEN TO DISPOSE OF SUCH CONTAMINATED STORM. 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 SKD CONTAINERS AROUND THE BASE, TO PREVENT WASTES FROM 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.



5075 WESTLAK INDUSTRIAL WAY SUITE 1000 ALBUFORD, GEORGIA 30518 (404) 271-2868 www.dpengr.com

PREPARED FOR:

FRIENDSHIP ROAD PROPERTIES, LLC
3101 TOWERCREEK PKWY. SUITE 420 ATLANTA, GA 30339 MR. RANDY HERRON (404) 578-8296

PROJECT NAME:

CREEKSIDE RETAIL

TASK:

EROSION, SEDIMENT AND POLLUTION CONTROL NOTES AND NPDES DATA

LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 0000013064



PROJECT INFORMATION:

CREEKSIDE RETAIL
Project Name
15-082F
Project Number
OLD WINDER HIGHWAY
Project Address
G.M.D. 1749
Parcel No.(s)
Land Lot / District
TOWN OF BRASELTON
HALL COUNTY
County, State

Table with columns: DATE, REVISION, No. (1-10), R/JP DESIGN, AS SHOWN SCALE, R/JP DRAWN, SHEET, KWB CHECKED, SHEET, 03/20/18 DATE, 15-082F PROJECT No.



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