SITE NOTES:

- THE SITE CONTAINS: 25.30 ACRES TOTAL DISTURBED ACREGE: 1.75 ACRES
- SITE ADDRESS: 4818 HILL ROAD, POWDER SPRINGS, GA 30127
- SURVEY INFORMATION IS TAKEN FROM SURVEY PERFORMED BY THE CRUSELLE COMPANY DATED 2-11-13.
- PART OF THIS SITE IS LOCATED WITHIN A ZONE [A, AE, SHADED ZONE X] AS DEFINED BY F.I.R.M. COMMUNITY PANEL NUMBER 13067C0177G DATED DECEMBER 16, 2008 FOR UNINCORPORATED COBB COUNTY, GEORGIA. NO LAND DISTURBACE WILL TAKE PLACE IN ANY FLOODPLAIN. THE PRELIMINARY FEMA FIRM MAPS THAT ARE DATED MARCH 2013 WERE REVIEWED, AND SHOWED NO APPARENT CHANGE IN FLOOD ELEVATION FROM THE MAP SHOWN ON THIS PAGE.
- FOR THE UTILITIES SHOWN OR THE UTILITIES WHICH MAY EXIST ON THE SITE BUT ARE NOT SHOWN. THE CONTRACTOR SHALL HAVE THE RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES SHOWN ON THE PLANS AND REPORT ANY DISCREPANCIES TO THE ENGINEER OF RECORD THE CONTRACTOR SHALL ALSO HAVE THE RESPONSIBILITY BEFORE STARTING ANY WORK TO MAKE SUCH EXPLORATIONS AND PROBES NECESSARY TO ASCERTAIN ANY SEWER LINES, WATER SUPPLY LINES, GAS LINES, ELECTRICAL LINES, CABLE LINES, TELEPHONE LINES, OR OTHER UTILITY LINE
- CONTRACTOR SHALL CONTACT THE UTILITY LOCATOR AS REQUIRED BY GEORGIA LAW AND HAVE ALL UTILITIES MARKED PRIOR TO ANY CONSTRUCTION ACTIVITY. CONTRACTOR WILL HAVE PRIVATE UTILITY LOCATOR LOCATE ALL UTILITIES WITHIN THE CONSTRUCTION LIMITS NOT COVERED BY THE
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR ERRORS THAT HE MAY DISCOVER IN THESE PLANS.
- CONTRACTOR TO PROVIDE ALL NECESSARY BARRICADES, GUARDS, LIGHTS, AND OTHER INSTALLATIONS REQUIRED TO PROTECT PERSONS AND PROPERTY DURING THE ENTIRE CONSTRUCTION PROCESS.
- 10. ALL CONSTRUCTION MUST CONFORM TO THE APPROPRIATE CITY, COUNTY, AND STATE STANDARDS
- UNDERGROUND UTILITIES SERVING OR CROSSING THE PREMISES MAY EXIST THAT ARE NOT SHOWN. CRESCENT VIEW ENGINEERING IS UNABLE TO CERTIFY TO THE ACCURACY OR COMPLETENESS OF THE UTILITY INFORMATION SHOWN. ALL UNDERGROUND UTILITY LOCATIONS MUST BE FIELD VERIFIED PRIOR TO ANY CONSTRUCTION ACTIVITY BY THE UTILITY PROTECTION CENTER AT 1-800-282-7411 FOR RIGHT OF WAY AREA AND BY A PRIVATE UTILITY LOCATOR FOR UTILITIES NOT LOCATED WITHIN THE RIGHT OF WAY.
- 12. THE CONTRACTOR MUST OBTAIN ADDITIONAL "RIGHT OF WAY" PERMIT FOR ALL NECESSARY WORK DONE IN THE RIGHT OF WAY.
- THERE ARE WATERS OF THE STATE OF GEORGIA WITHIN 200 FEET OF THE SITE. ALL APPROPRIATE STATE WATER BUFFERS ARE SHOWN ON THE SITE PLANS. THERE ARE NO PROPOSED IMPACTS TO ANY STATE WATERS PER THESE CONSTRUCTION DOCUMENTS.
- TO THE BEST OF OUR KNOWLEDGE, NO CEMETERIES, ARCHITECTURAL, OR ARCHEOLOGICAL LANDMARKS EXIST ON SITE. IN THE EVENT THAT THESE LANDMARKS ARE DISCOVERED DURING CONSTRUCTION, THE ENGINEER MUST BE CONTACTED IMMEDIATELY FOR REVIEW AND AMENDING THE CONSTRUCTION PLANS.

CONSTRUCTION NARRATIVE

THE PROPOSED CONSTRUCTION PLANS CALL FOR THE REHABILITATION OF THE EXISTING STORMWATER POND FOR THE PURPOSE OF DE-WATERING SATURATED SOIL FOR TRANSPORT AS FILL DIRT.

OWNER / PRIMARY PERMITTEE

4818 HILL ROAD POWDER SPRINGS, GA 30127 PHONE: (404) 317-6489

POWDER SPRINGS NOTES:

THE FOLLOWING USE RESTRICTIONS APPLY TO ALL USES IN THE HI HIGH INDUSTRIAL DISTRICT:

A HEAVY MANUFACTURING USE SHALL NOT BE LOCATED CLOSER THAN 500 FEET FROM ANY RESIDENTIAL PROPERTY LINE.

THE SUBJECT USE SHALL BE CARRIED ON ENTIRELY WITHIN AN ENCLOSED BUILDING. WITH NO OUTSIDE STORAGE EXCEPT FOR VEHICLES USED FOR THE OPERATION, UNLESS THE STORAGE IS SCREENED FROM VIEW BY AN OPAQUE FENCE OR FREE-STANDING WALL NO LESS THAN 8 FEET IN HEIGHT.

WHERE LIQUID WASTE IS GENERATED FROM THE MANUFACTURING PROCESS OR AIR POLLUTANTS EMITTED, COMPLIANCE WITH ALL APPLICABLE ANTI-POLLUTION FEDERAL AND STATE LAWS MUST BE DEMONSTRATED.

ONLY INCIDENTAL ONSITE SALE OF MANUFACTURED MATERIALS SHALL BE PERMITTED.

FRONT YARD SETBACK (MAJOR STREET) 75 FT (MIN) FRONT YARD SETBACK (ALL OTHER STREETS) 50 FT (MIN) SIDE YARD SETBACK 20 FT (MIN) 40 FT (MIN) REAR YARD SETBACK MINIMUM BUFFER * 120 FT (MIN)

MINIMUM LOT AREA = 40,000 SF MINIMUM AREA PER DWELLING UNIT = N/AMAXIMUM DENSITY = 0.75 FARMINIMUM LOT WIDTH AT FRONT SETBACK = 100 FEET MINIMUM LOT FRONTAGE ON STREET = 100 FEET

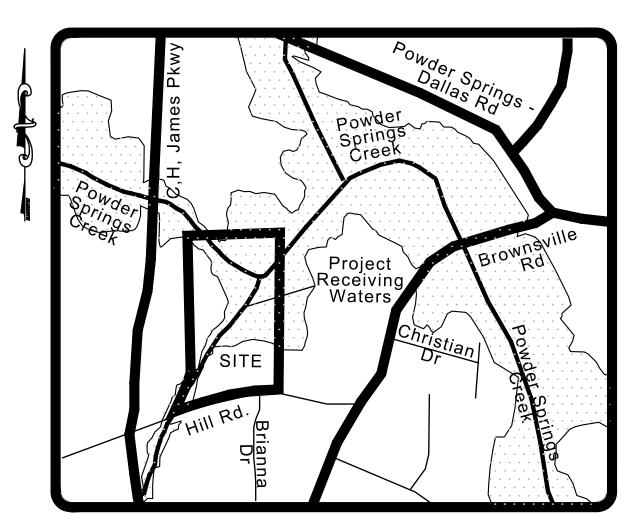
* A BUFFER SHALL BE REQUIRED BETWEEN ANY MULTIFAMILY OR NONRESIDENTIAL DEVELOPMENT PROJECT ALONG A SIDE OR REAR LOT LINE THAT ABUTS A LESS INTENSE LAND USE.

24 HOUR EMERGENCY CONTACT: TIM MCTYRE (404) 317-6489/ basschasertim@att.net

CONSTRUCTION DOCUMENTS FOR:

4818 HILL ROAD ES&PC PLANS

LAND LOT 899 DISTRICT 19 CITY OF POWDER SPRINGS, COBB COUNTY, GEORGIA



Location Map

IT IS HEREBY CERTIFIED THAT THIS SITE PLAN WAS PREPARED USING A SURVEY

OF THE PROPERTY PREPARED BY BEN CRUSELLE (THE CRUSELLE COMPANY). RLS.

[SUBDIVISION] DEVELOPMENT] MEETS ALL REQUIREMENTS OF THE POWDER SPRINGS

AS THE OWNER OF THIS LAND, AS SHOWN ON THIS SITE PLAN, OR HIS AGENT, I

CERTIFY THAT THIS DRAWING WAS MADE FROM AN ACTUAL SURVEY, AND

PROPOSED DEVELOPMENT AND IMPROVEMENTS THERETO.

GSWCC GEORGIA SOIL AND WATER

GEORGE H BALTZ III

CONSERVATION COMMISSION

0000045830

EXPIRES: 11/10/2025

NUMBER: 0000045830

EXPIRATION 11-10-25

AC-CURATELY PORTRAYS THE EXISTING LAND AND ITS FEATURES AND THE

AND DATED 2-11-13; AND FURTHER THAT THE PROPOSED

REGISTERED PROFESSIONAL ENGINEER NO. 33153

ADDRESS: 211 FRASIER STREET

TELEPHONE NUMBER: 678-324-8410

MARIETTA, GEORGIA 30060

DATE: 9-16-2025

OWNER'S CERTIFICATION

CERTIFICATION NUMBER:

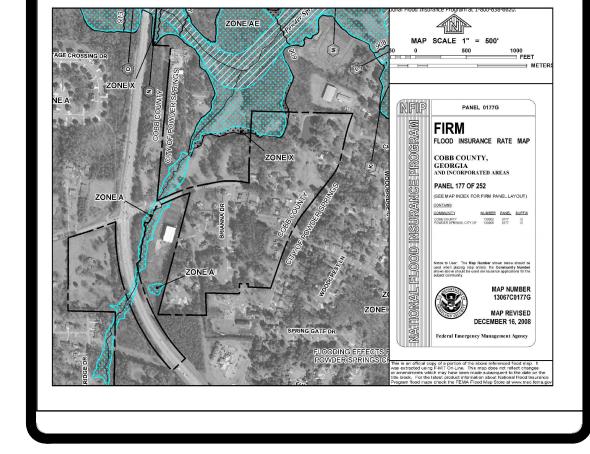
ISSUED: 11/10/2022

UNI-FIED DEVELOPMENT CODE, AS APPLICABLE TO THE PROP-ERTY.

BY (NAME): GEORGE BALTZ (CRESCENT VIEW ENGINEERING, LLC)

ENGINEER'S CERTIFICATION

(MAP SCALE IS APPROXIMATELY 1" = 750')



FEMA Map

THE PRELIMINARY FEMA FIRM MAPS THAT ARE DATED MARCH 2013 WERE REVIEWED, AND SHOWED NO APPARENT CHANGE IN FLOOD ELEVATION FROM THE MAP SHOWN ABOVE.

N.T.S.

CERTIFICATE OF PROJECT APPROVAL

COMPLIANCE WITH ALL PROVISIONS OF SAID DEVELOPMENT REGULATIONS.

ALL APPLICABLE REQUIREMENTS OF THE POWDER SPRINGS UNIFIED DEVELOPMENT CODE RELATIVE TO PROJECT APPROVAL HAVING BEEN FULFILLED, APPROVAL OF THIS SITE PLAN IS HEREBY GRANTED BY THE POWDER SPRINGS DIRECTOR OF PUBLIC WORKS, SUBJECT TO FURTHER

DIRECTOR OF PUBLIC WORKS (OR DESIGNEE)

THIS APPROVAL DOES NOT CONSTITUTE APPROVAL OF A DEVELOPMENT PERMIT OR OF A FINAL SUBDIVISION PLAT. THIS CERTIFICATE OF PROJECT APPROVAL SHALL EXPIRE 12 MONTHS FROM THE DATE OF APPROVAL IF A DEVELOPMENT PERMIT HAS NOT BEEN ISSUED OR A DEVELOPMENT PER-MIT HAS BEEN ISSUED BUT DEVELOPMENT ACTIVITY HAS NOT BEEN COMMENCED.

NOT FOR RECORDING

UNDER MY DIRECT SUPERVISION"



"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."

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 OF 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."

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT CERTIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

Tem M=Tyre CERTIFIED BY (OWNER REPRESENTATIVE)

9-16-2025

UTILITY CONTACTS:

TELEPHONE: 800-225-5288 **ELECTRIC:** GREYSTONE EMC 770-942-6576 770-943-8010 WATER AND SEWER: CITY OF POWDER SPRINGS ATLANTA GAS LIGHT COMPANY 877-427-4321

SHEET LIST				
SHEET NO.	SHEET TITLE			
CV	COVER SHEET			
S	SURVEY			
C-1	ES&PC NOTES			
C-1.1	ES&PC NOTES			
C-1.2	ES&PC PLAN - CLEARING			
C-1.3	ES&PC PLAN - GRADING			
C-1.4	ES&PC PLAN - FINAL			
C-1.5	ES&PC PLAN - DETAILS			
C-2	ES&PC PLAN - CHECKLIST			

"I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL

9-16-2025

Road
9th District **4818**Land Lot owder Spri

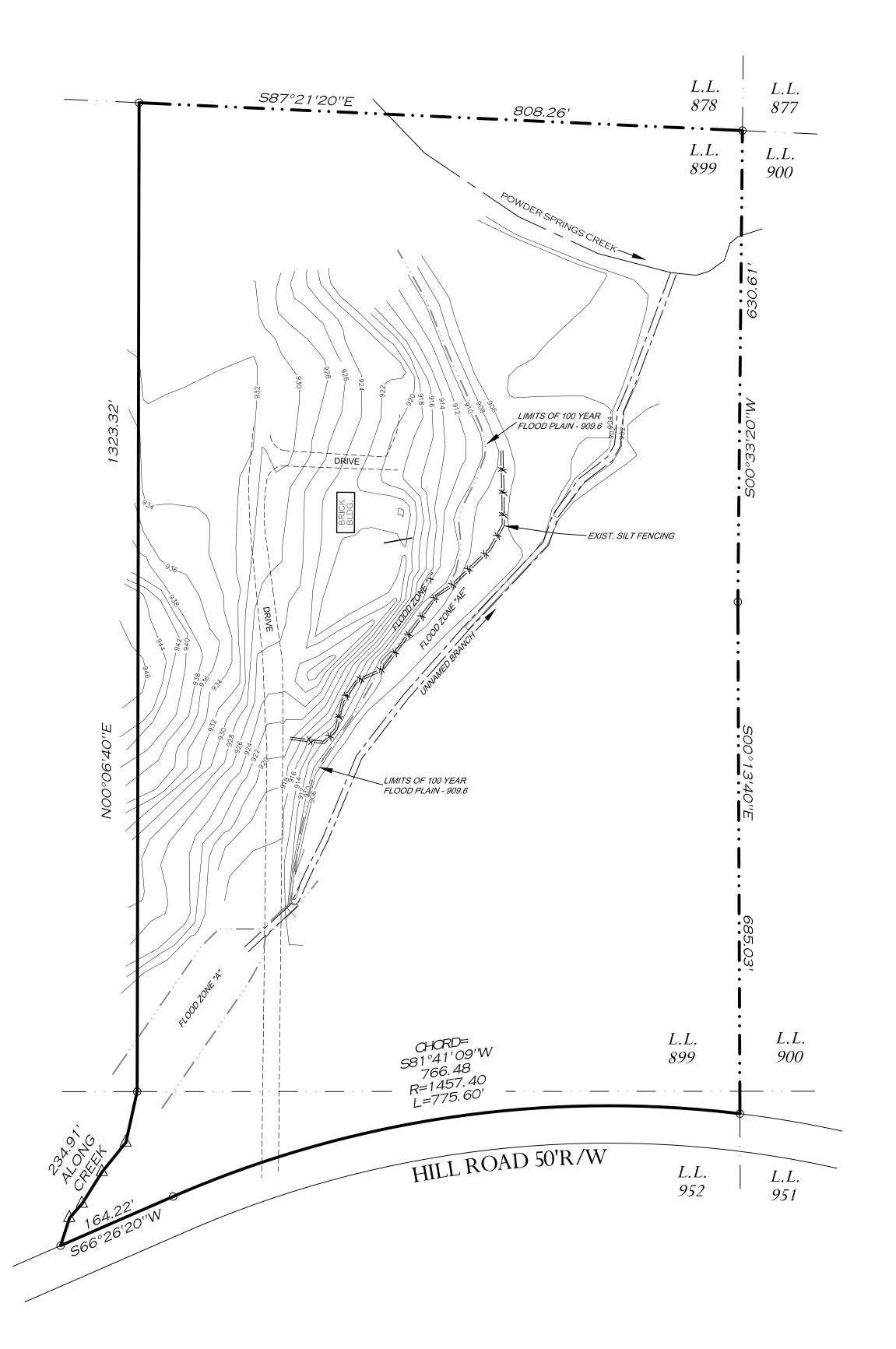
CVE PI # 25-448

SHEET NO.

"I CERTIFY UNDER THE PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT,

9-16-2025





TOTAL AREA = 25.3 ACRES

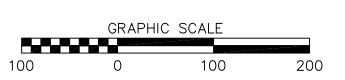
SURVEY NOTES
THE BOUNDARY INFORMATION SHOWN IS TAKEN FROM A PLAT MADE
FOR RICHARD D. MARKS PREPARED BY TRENHOLM BAKER DATED JUNE
15, 1978.

THE TOPOGRAPHY IS BASED ON M.S.L. DATUM AND BENCHMARK USED IS COBB COUNTY D.O.T. SURVEY MONUMENT BM190878-1.

THERE ARE OTHER STRUCTURES AND IMPROVEMENTS LOCATED ON THIS PROPERTY THAT ARE NOT SHOWN.

FLOOD STATEMENT

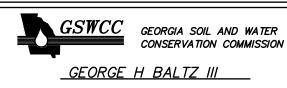
I HAVE THIS DATE EXAMINED THE FLOOD INSURANCE RATE MAPS, COMMUNITY PANEL NO: 13067C0177G EFFECTIVE DATE: DECEMBER 16, 2008 THE MAP GRAPHICALLY DEPICTS THE SUBJECT PROPERTY TO LIE IN ZONES: "X", "AE" & "A" THE CHARACTERISTIC OF THESE ZONES ARE: "X" - AN AREA ABOVE THE 100 YEAR FLOOD ZONE "AE" - AN AREA WITHIN THE 100 YEAR FLOOD ZONE(ELEVATIONS DETERMINED) "A" - AN AREA WITHIN THE 100 YEAR FLOOD ZONE(ELEVATIONS UNDETERMINED)





NUMBER: 0000045830

EXPIRATION 11-10-25



CERTIFICATION NUMBER: <u>0000045830</u>

ISSUED: 11/10/2022 EXPIRES: 11/10/2025

LIMIT OF DISTURBANCE SHALL BE NO GREATER THAN 50 ACRES FOR EACH INDIVIDUAL PERMITTEE (I.E. PRIMAR) SECONDARY OR TERTIARY) AT ANY ONE TIME AND NO MORE THAN 50 CONTIGUOUS ACRES AT ONE TIME WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE EPD DISTRICT OFFICE. IF EPD APPROVES THE REQUEST TO DISTURB 50 ACRES OR MORE AT ANY ONE TIME, THE PLAN MUST INCLUDE AT LEAST 4 OF THE BMPS LISTED IN APPENDIX 1 OF THIS CHECKLIST (DISTURBED ACREAGE = 1.75).

THE NAME AND PHONE NUMBER OF THE 24-HOUR LOCAL CONTACT RESPONSIBLE FOR EROSION, SEDIMENTATION AND POLLUTION CONTROLS IS: TIM McTYRE, PHONE NUMBER (404) 317-6489/ basschasertim@att.net

THE NAME, ADDRESS AND PHONE NUMBER OF PRIMARY PERMITTEE OR TERTIARY PERMITTEE IS:

4818 HILL ROAD POWDER SPRINGS, GA 30127 PHONE: (404) 317-6489

TOTAL SITE ACRES = 25.30 ACRES TOTAL DISTURBED ACREAGE: 1.75 ACRES

GPS LOCATION OF THE CONSTRUCTION EXIT: LATITUDE N: 33.857373 *, LONGITUDE W: 84.695788*

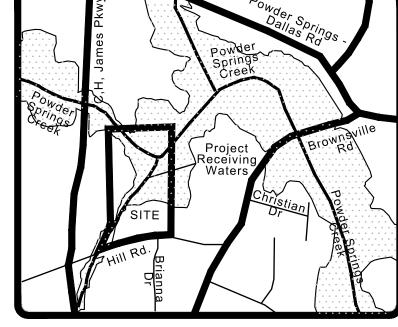
INITIAL DATE AND REVISION DATES OF THE EACH SHEET.

THE PROPOSED CONSTRUCTION PLANS CALL FOR THE REHABILITATION OF THE EXISTING STORMWATER POND FOR THE PURPOSE OF DE-WATERING SATURATED SOIL FOR TRANSPORT AS FILL DIRT.

LOCATION MAP

ITEM #10





PROJECT RECEIVING WATERS — UNNAMED TRIBUTARY OF POWDER SPRINGS CREEK

LOCAL MUNICIPAL GOVERNMENT OPERATING STORM SYSTEM — CITY OF POWDER SPRINGS

ITEM #12 , 13 & 14

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.

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 FROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE GEORGIA 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 OF 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. GAR100001.

THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT AND CERTIFY THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPS WITHIN 7 DAYS AFTER INSTALLATION.

NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50 FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND

NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50 FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY

VARIANCES AND PERMITS.

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.

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

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.

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.

THIS PROJECT CONSTRUCTION ACTIVITY DOES NOT DISCHARGE STORM WATER INTO AN IMPAIRED FC, BIO F OR BIO M STREAM SEGMENT (RECEIVING WATERS ARE AN UNNAMED TRIBUTARY OF POWDER SPRINGS CREEK).

THIS PROJECT CONSTRUCTION ACTIVITY DOES NOT DISCHARGE STORM WATER INTO AN IMPAIRED TMDL STREAM

SEGMENT (RECEIVING WATERS IS AN UNNAMED TRIBUTARY OF POWDER SPRINGS CREEK).

SEE SHEET C-3.2 FOR BMPS FOR CONCRETE WASHDOWN OF TOOLS, CONCRETE MIXER CHUTES, HOPPERS AND THE REAR OF THE VEHICLES. WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.

REMEDIATION OF ALL PETROLEUM SPILLS AND LEAKS — CLEANUP AND CONTROL PRACTICES

LOCAL, STATE AND MANUFACTURE'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES MADE AVAILABLE TO SITE PERSONNEL.

MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE ARE, ON-SITE. TYPICAL EQUIPMENT AND MATERIALS FOR CLEANUP INCLUDE BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, RESPIRATORS, CAT LITTER, SAND, SAWDUST AND PLASTIC AND METAL TRASH CONTAINERS FOR THIS

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 WE 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 800-424-8802.

FOR SPILLS OF UNKNOWN AMOUNT, THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS

THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1320 GALLONS OF PETROLEUM IS STORED ON SITE (THIS 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 AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL

FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL

CONSTRUCTION MEASURES TO REDUCE POLLUTANTS

MEASURES EXPECTED ON-SITE DURING CONSTRUCTION: CRUSHED STONE (GRAVEL AND RIP-RAP)

AGENCIES WILL BE CONTACTED AS REQUIRED.

CONSTRUCTION ENTRANCES RETROFITTED STORM POND OVER SIZED FOR THE DRAINAGE BASIN IT COVERS

 SILT FENCING SITE DRAINS DIRECTLY INTO EXISTING DRAINAGE DISCHARGE POINT TEMPORARY GRASSING

CONSTRUCTION MEASURES TO CONTROL POLLUTANTS AFTER CONSTRUCTION MEASURES EXPECTED ON—SITE DURING CONSTRUCTION:

. PLUNGE POOL WITH PAM PERMANENT GRASSING

PRACTICES TO PROVIDE COVER FOR BUILDING MATERIALS AND BUILDING PRODUCTS ONSITE

GRAVEL, SOIL AND OTHER GRADING MATERIALS TO BE STORED UPHILL OF EROSION STRUCTURES 2. NO LONG TERM STORAGE OF MATERIALS ONSITE

ITEM #28

PRODUCT SPECIFIC PRACTICES TO REDUCE POLLUTANTS IN STORMWATER DISCHARGE

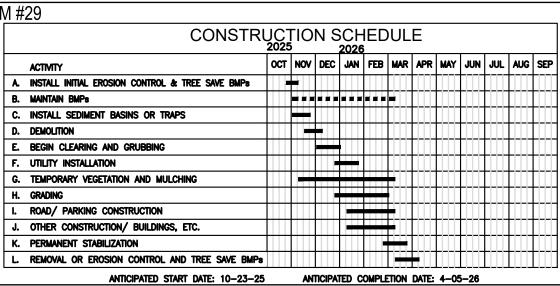
PETROLEUM BASED PRODUCTS — CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS, AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS THIS INCLUDES ONSITE VEHICLES AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATERS, 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

PAINTS/FINISHES/SOLVENTS - 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.

CONCRETE TRUCK WASHING — NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR 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 IN GEORGIA. ANY STORAGE OF

) building or construction materials will be buried or disposed of onsite. All such material will be disposed of in PROPER WASTE DISPOSAL PROCEDURES.

ITEM #29



ITEM #30

A. PRIMARY PERMITTEE REQUIREMENTS.

(1). EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE SHALL INSPECT: (A) ALL AREAS AT THE PRIMARY PERMITTEE'S SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT AND (B) ALL LOCATIONS AT THE PRIMARY PERMITTEE'S SITE WHERE VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.

(2). MEASURE AND RECORD RAINFALL WITHIN DISTURBED AREAS OF THE SITE THAT HAVE NOT MET FINAL STABILIZATION ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY, NON- WORKING SUNDAY AND NON-WORKING FEDERAL HOLIDAY. THE DATA COLLECTED FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.

(3). CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS: (A) DISTURBED AREAS OF THE PRIMARY PERMITTEE'S CONSTRUCTION SITE; (B) AREAS USED BY THE PRIMARY PERMITTEE FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION: AND (C) STRUCTURAL CONTROL MEASURES. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE PRIMARY PERMITTEE'S SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. CERTIFIED PERSONNEL SHALL ALSO CONDUCT INSPECTIONS WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR ON ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY OR ANY NON-WORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AND/OR WORKING DAY, WHICHEVER OCCURS FIRST). POST-RAIN INSPECTIONS WILL RESET THE 7-DAY INSPECTION FREQUENCY REQUIREMENT. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). FOR AREAS OF SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALSAPPROPRIATE FOR THE REGION, THE PERMITTEE MUST COMPLY WITH PART IV.D.4.A.(4). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS

(4). CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E., UNTIL A NOTICE OF TERMINATION HAS BEEN SUBMITTED) THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEFDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES

ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S).

ITEM #30 CONTINUED

(5). BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION.

(6). A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE (I.E., INITIAL, INTERMEDIATE OR FINAL), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PART IV.D.4.A.(5). OF THE PERMIT SHALL BE MADE AND RETAINED AT THE SITE OR BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION UNTIL THE ENTIRE SITE OR THAT PORTION OF A CONSTRUCTION SITE THAT HAS BEEN PHASED HAS UNDERGONE FINAL STABILIZATION AND A NOTICE OF TERMINATION IS SUBMITTED TO EPD. SUCH REPORTS SHALL BE READILY AVAILABLE BY END OF THE SECOND BUSINESS DAY AND/OR WORKING DAY AND SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN. WHERE THE REPORT DOES NOT IDENTIFY ANY INCIDENTS, THE INSPECTION REPORT SHALL CONTAIN A CERTIFICATION THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.G.2. OF THIS PERMIT.

ITEM #31

D. SAMPLING FREQUENCY.

THE STORMWATER DISCHARGE.

(1). THE PRIMARY PERMITTEE MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW. FOR A QUALIFYING EVENT, THE PERMITTEE SHALL SAMPLE AT THE BEGINNING OF ANY STORMWATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL LOCATION WITHIN IN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE. (2). HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS

SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF

(3). SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:

A). FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL. THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORMWATER DISCHARGE THAT ALLOWS FOR SAMPLING DURING NORMAL BUSINESS HOURS AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO COMPLETION OF MASS GRADING OPERATIONS, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING

(B). IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORMWATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS EITHER 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO SUBMITTAL OF A NOT, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION, WHICHEVER COMES FIRST;

(C). AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF BMPS IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN TWO (2) BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITEFOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS* UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST-RAIN EVENT INSPECTIONS DETERMINE THAT BMPS ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED;

(D). WHERE SAMPLING PURSUANT TO (A), (B) OR (C) ABOVE IS REQUIRED BUT NOT POSSIBLE (OR NOT REQUIRED BECAUSE THERE WAS NO DISCHARGE), THE PRIMARY PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.A.(6)., OR THE TERTIARY PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.C.(6)., MUST INCLUDE A WRITTEN JUSTIFICATION IN THE INSPECTION REPORT OF WHY SAMPLING WAS NOT PERFORMED. PROVIDING THIS JUSTIFICATION DOES NOT RELIEVE THE PERMITTEE OF ANY SUBSEQUENT SAMPLING OBLIGATIONS UNDER (A), (B) OR (C) ABOVE; AND

(E). EXISTING CONSTRUCTION ACTIVITIES, I.E., THOSE THAT ARE OCCURRING ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT, THAT HAVE MET THE SAMPLING REQUIRED BY (A) ABOVE SHALL SAMPLE IN ACCORDANCE WITH (B). THOSE EXISTING CONSTRUCTION ACTIVITIES THAT HAVE MET THE SAMPLING REQUIRED BY (B) ABOVE SHALL NOT BE REQUIRED TO CONDUCT ADDITIONAL SAMPLING OTHER THAN AS REQUIRED BY (C) ABOVE.

*NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (A) AND (B) ABOVE BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR SAMPLING AT ANY TIME OF THE DAY OR WEEK.

E. REPORTING.

. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT THE SAMPLING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART II.C. BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD. REPORTING PERIODS ARE MONTHS DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. UPON WRITTEN NOTIFICATION, EPD MAY REQUIRE THE APPLICABLE PERMITTEE TO SUBMIT THE SAMPLING RESULTS ON A MORE FREQUENT BASIS. SAMPLING AND ANALYSIS OF ANY STORMWATER DISCHARGE(S) OR THE RECEIVING WATER(S) BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED IN A SIMILAR MANNER TO THE EPD. THE SAMPLING REPORTS MUST BE SIGNED IN ACCORDANCE WITH PART V.G.2. SAMPLING REPORTS MUST BE SUBMITTED TO EPD USING THE ELECTRONIC SUBMITTAL SERVICE PROVIDED BY EPD. SAMPLING REPORTS MUST BE SUBMITTED TO EPD UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

2. ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:

- THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS; b. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE SAMPLING AND
- MEASUREMENTS: c. THE DATE(S) ANALYSES WERE PERFORMED;
- d. THE TIME(S) ANALYSES WERE INITIATED;
- e. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE ANALYSES; REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED:
- q. THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC., USED TO DETERMINE THESE RESULTS;
- h. RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU;" AND i. CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN.
- 3. ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE EPD DISTRICT OFFICE OR DELIVERY RECEIPT EMAIL TO THE APPROPRIATÉ EPD DISTRICT OFFICE RESOURCE MAILBOX ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT. THE APPLICABLE PERMITTEES SHALL RETAIN A COPY OF THE PROOF OF SUBMITTAL AT THE CONSTRUCTION SITE OR THE PROOF OF SUBMITTAL SHALL BE READILY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

ITEM #32

F. RETENTION OF RECORDS.

THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH

a. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD; b. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS

c. The design professional's report of the results of the inspection conducted in ACCORDANCE WITH PART IV.A.5. OF THIS PERMIT;

d. A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT; e. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF

A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D., OF THIS PERMIT; AND DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A.(2). OF THIS ITEM #32 CONTINUED

2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION) OR OTHER REPORTS REQUESTED BY THE EPD. EROSION. SEDIMENTATION AND POLLUTION CONTROL PLANS. RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THA THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI. OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATIVE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.

ANALYTICAL METHODS

. Sampling requirements. This permit requires the monitoring of Nephelometric Turbidity IN RECEIVING WATER(S) OR OUTFALLS IN ACCORDANCE WITH THIS PERMIT. 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. THE FOLLOWING PROCEDURES CONSTITUTE EPD'S GUIDELINES FOR SAMPLING TURBIDITY.

a. SAMPLING REQUIREMENTS SHALL INCLUDE THE FOLLOWING:

(1). A USGS TOPOGRAPHIC MAP, A TOPOGRAPHIC MAP OR A DRAWING (REFERRED TO AS A TOPOGRAPHIC MAP) THAT IS A SCALE EQUAL TO OR MORE DETAILED THAN A 1:24000 MAP SHOWING THE LOCATION OF THE SITE OR THE STAND ALONE CONSTRUCTION; (A) THE LOCATION OF ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES AS SHOWN ON A USGS TOPOGRAPHIC MAP, AND ALL OTHER PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES LOCATED DURING MANDATORY FIELD VERIFICATION, INTO WHICH THE STORMWATER IS DISCHARGED AND (B) THE RECEIVING WATER AND/OR OUTFALL SAMPLING LOCATIONS. WHEN THE PERMITTEE HAS CHOSEN TO USE A USGS TOPOGRAPHIC MAP AND THE RECEIVING WATER(S) IS NOT SHOWN ON THE USGS TOPOGRAPHIC MAP, THE LOCATION OF THE RECEIVING WATER(S) MUST BE HAND-DRAWN ON THE USGS TOPOGRAPHIC MAP FROM WHERE THE STORMWATER(S) ENTERS THE RECEIVING WATER(S) TO THE POINT WHERE THE RECEIVING WATER(S) COMBINES WITH THE FIRST BLUE LINE STREAM SHOWN ON THE USGS TOPOGRAPHIC MAP;

(2). A WRITTEN NARRATIVE OF SITE SPECIFIC ANALYTICAL METHODS USED TO COLLECT, HANDLE AND ANALYZE THE SAMPLES INCLUDING QUALITY CONTROL/QUALITY ASSURANCE PROCEDURES. THIS NARRATIVE MUST INCLUDE PRECISE SAMPLING METHODOLOGY FOR EACH SAMPLING LOCATION;

(3). WHEN THE PERMITTEE HAS DETERMINED THAT SOME OR ALL OUTFALLS WILL BE SAMPLED, A RATIONALE MUST BE INCLUDED ON THE PLAN FOR THE NTU LIMIT(S) SELECTED FROM APPENDIX B. THIS RATIONALE MUST INCLUDE THE SIZE OF THE CONSTRUCTION SITE, THE CALCULATION OF THE SIZE OF THE SURFACE WATER DRAINAGE AREA, AND THE TYPE OF RECEIVING WATER(S) (I.E., TROUT STREAM OR SUPPORTING WARM WATER FISHERIES); AND

(4). ANY ADDITIONAL INFORMATION EPD DETERMINES NECESSARY TO BE PART OF THE PLAN. EPD WILL PROVIDE WRITTEN NOTICE TO THE PERMITTEE OF THE INFORMATION NECESSARY AND THE TIMELINE FOR SUBMITTAL.

b. SAMPLE TYPE. ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED); THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833- B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.

(1). SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.

(2). SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.

(3). LARGE MOUTH, CLEAN AND RINSED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.

(4). MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED. IF AUTOMATIC SAMPLING IS UTILIZED AND THE AUTOMATIC SAMPLER IS NOT ACTIVATED DURING THE QUALIFYING EVENT. THE PERMITTEE MUST UTILIZE MANUAL SAMPLING OR RISING STAGE SAMPLING DURING THE NEXT QUALIFYING EVENT. DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES MAY BE ANALYZED USING A DIRECT READING, PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED.

(5). SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED TO EPD AS SPECIFIED

c. SAMPLING POINTS

(1). FOR CONSTRUCTION ACTIVITIES THE PRIMARY PERMITTEE MUST SAMPLE ALL RECEIVING WATER(S), OR ALL OUTFALL(S), OR A COMBINATION OF RECEIVING WATER(S) AND OUTFALL(S). SAMPLING POINTS SHALL BE LOCATED ON APPLICABLE PAGES OF THE INITIAL, INTERMEDIATE, AND FINAL PHASE OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS. SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATER(S) AND/OR THE STORMWATER OUTFALLS USING THE FOLLOWING MINIMUM GUIDELINES:

(A). THE UPSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORMWATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST UPSTREAM AT THE SITE) BUT DOWNSTREAM OF ANY OTHER STORMWATER DISCHARGES NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL UPSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE

(B). THE DOWNSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORMWATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST DOWNSTREAM AT THE SITE) BUT UPSTREAM OF ANY OTHER STORMWATER DISCHARGE NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL DOWNSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE DOWNSTREAM

(C). IDEALLY THE SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATER(S) OR THE STORMWATER OUTFALL CHANNEL(S).

(D). CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORMWATER CHANNEL.

(E). THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES

(F). THE SAMPLES SHOULD BE KEPT FREE FROM FLOATING DEBRIS.

UPSTREAM TURBIDITY VALUE.

TURBIDITY VALUE.

(G). PERMITTEES DO NOT HAVE TO SAMPLE SHEET FLOW THAT FLOWS ONTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT. FOR PURPOSES OF THIS SECTION, STABILIZED SHALL MEAN, 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 LANDSCAPED ACCORDING TO THE PLAN UNIFORMLY COVERED WITH LANDSCAPING MATERIALS IN PLANNED LANDSCAPED. AREAS), OR EQUIVALENT PERMANENT STABILIZATION MEASURES AS DEFINED IN THE MANUAL (EXCLUDING A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION).

(H). ALL SAMPLING PURSUANT TO THIS PERMIT MUST BE DONE IN SUCH A WAY (INCLUDING GENERALLY ACCEPTED SAMPLING METHODS, LOCATIONS, TIMING, AND FREQUENCY) AS TO ACCURATELY REFLECT WHETHER STORMWATER RUNOFF FROM THE CONSTRUCTION SITE IS IN COMPLIANCE WITH THE STANDARD SET FORTH IN PARTS III.D.4. OR III.D.5., WHICHEVER IS APPLICABLE.

(3). WHEN THE PERMITTEE HAS DETERMINED THAT SOME OR ALL OUTFALLS WILL BE SAMPLED, A RATIONALE MUST BE INCLUDED ON THE PLAN FOR THE NTU LIMIT(S) SELECTED FROM APPENDIX B. THIS RATIONALE MUST INCLUDE THE SIZE OF THE CONSTRUCTION SITE, THE CALCULATION OF THE SIZE OF THE SURFACE WATER DRAINAGE AREA, AND THE TYPE OF RECEIVING WATER(S) (I.E., TROUT STREAM OR SUPPORTING WARM WATER FISHERIES);

> APPENDIX B - NEPHELOMETRIC TURBIDITY UNIT (NTU) TABLES WARM WATER SURFACE WATER DRAINAGE AREA - SQUARE MILES

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

ALL SAMPLING LOCATIONS, PERENNIAL AND INTERMITTENT, AND OTHER WATER BODIES INTO WHICH STORM WATER DISCHARGED ARE SHOWN ON SHEETS C-1.2, C-1.3 AND C-1.4

PRIOR TO THE LAND DISTURBING ACTIVITY, THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE AREA SITE DEVELOPMENT INSPECTOR.

2. 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.

NO STAGING AREAS, MATERIAL STORAGE, CONCRETE WASH OUT AREAS, OR DEBRIS BURN AND BURIAL HOLES SHALL BE LOCATED WITHIN 500 FT. OF DESIGNATED TREE PROTECTION AREAS OR STREAM BUFFERS.

4. THE OWNER AGREES TO PROVIDE AND MAINTAIN OFF—STREET PARKING ON THE SUBJECT PROPERTY DURING THE ENTIRE CONSTRUCTION PERIOD. 5. A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE AT ALL

TIMES. POST ON DAY ONE. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND

PRIOR TO COMMENCING LAND DISTURBANCE 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

SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.

B. 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 ROADWAY AS SHOWN ON PLANS.

9. THE CONSTRUCTION EXIT CONSISTING OF A MINIMUM PAD SIZE OF 20 FEET BY 125 FEET WITH A MINIMUM OF 6" CLEAN STONE FOLLOWED BY A MINIMUM OF 10" CRUSHED STONE, SHALL BE PLACED AS SHOWN ON THE PLAN. THE STONE SIZE SHOULD CONSIST OF COURSE AGGREGATE BETWEEN 2" & 3-1/2" IN DIAMETER AND OVERLAY ON A GEOTEXTILE UNDERLINER. THE GEOTEXTILE UNDERLINER SHALL MEET THE REQUIREMENTS OF AASHTO M266-96, SECTION 7.3 SEPARATION REQUIREMENTS.

10. IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCE/EXITS, ALL PERIMETER EROSION CONTROL AND STORMWATER MANAGEMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE CLEARING PHASE I EROSION &

11. TYPE "S" SILT FENCE SHOULD BE INSTALLED AT THE PERIMETER OF THE DISTURBED AREA AS SHOWN ON THE PLAN. 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

12. INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL EXISTING STORM STRUCTURES AS SHOWN

14. TREE PROTECTION FENCING AND STREAM BUFFER LIMITS SHOULD BE INSTALLED PRIOR TO THE START OF ANY

ON THE PLAN. 13. STONE CHECK DAMS SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS AS SHOWN ON THE PLAN.

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. 15. AFTER INSTALLATION OF INITIAL EROSION CONTROL MEASURES THE SITE CONTRACTOR SHALL SCHEDULE AN INSPECTION BY THE PROJECT DESIGN PROFESSIONAL (CEC). NO OTHER CONSTRUCTION ACTIVITIES SHALL OCCUR UNTIL THE PROJECT PROFESSIONAL (CEC) APPROVES THE INSTALLATION OF SAID EROSION CONTROL MEASURES. IF UNFORESEEN CONDITIONS EXIST IN THE FIELD THAT WARRANT ADDITIONAL EROSION CONTROL MEASURES, THE

INSPECTION WITH CONSULTATION WITH DESIGN PROFESSIONAL (CEC). 16. 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

CONTRACTOR MUST CONSTRUCT ANY ADDITIONAL EROSION CONTROL DEVICES DEEMED NECESSARY BY THE SITE

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

18. NO BURN OR BURY PITS SHALL BE PERMITTED ON THE CONSTRUCTION SITE WITHOUT WRITTEN PERMISSION BY THE OWNER AND/OR THE ENGINEER OF RECORDED. 19. ADDITIONAL SILT FENCE 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 PHASE I CLEARING EROSION & SEDIMENTATION CONTROL/SITE MAP PLAN. 20. ALL SILT FENCE MUST MEET THE REQUIREMENTS OF SECTION 171 - TEMPORARY SILT FENCE FOR THE

DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, STANDARDS SPECIFICATIONS, 1983 EDITION.

21. MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF LAND

22. ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT

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

24. 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 ONSITE

25. 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, I.E., MANDATORY STOP WORK ORDER.

INSPECTOR OR DESIGN PROFESSIONAL.

24 HOUR EMERGENCY CONTACT TIM MCTYRE (404) 317-6489 basschasertim@att.net

Tim

pared For: MCTyre



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CVE PI # 25-448

INTERMEDIATE PHASE:

- 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,
- 2. MAINTAIN FULL COORDINATION WITH THE DESIGN PROFESSIONAL (CEC), CONTRACTOR AND REGULATORY INSPECTOR AT ALL TIMES
- 3. EARTHWORK OPERATIONS IN THE VICINITY OF STREAM BUFFERS SHALL BE CAREFULLY CONTROLLED TO AVOID DUMPING OR
- SLOUGHING INTO THE BUFFER AREAS.
- 4. 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.
- 5. 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 AREA DIFFER FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH FROSION 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 (CEC) IMMEDIATELY. TYPE "C" (WRE BACK) SILT FENCE SHOULD BE INSTALLED AT THE TOE OF ALL FILL SLOPES 10 FT. 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 OF THE BARRIER. ADDITIONALLY. DIVERSION DIKES SHALL BE CONSTRUCTED ALONG THE TOP OF ALL SAID FILL SLOPES WITH THE USE OF TEMPORARY DOWN DRAINS TO CONTROL STORMWATER RUNOFF AS SHOWN ON THE PLANS.
- 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. AS 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.
- 7. ALL SLOPES STEEPER THAN 3:1 AND WITH A HEIGHT OF 10 FT. OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFERS, SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL MATTING OR BLANKETS.
- 8. TYPE S (WIRE BACK) SILT FENCE SHALL BE PLACED AT THE TOE OF ALL DIRT STOCKPILE AREAS. INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL STORM STRUCTURES AS THEY ARE CONSTRUCTED.
- 9. STORM DRAIN OUTLET PROTECTION SHALL BE PLACED AT ALL OUTLET HEADWALLS AS SOON AS THE HEADWALL IS
- 10. STONE CHECK DAMS SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS AS SHOWN ON THE PLAN.
- 11. MULCH OR TEMPORARY VEGETATION SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF LAND DISTURBANCE.
- 12. ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION.
- 13. AFTER PRELIMINARY GRADING ACTIVITIES. THE CONTRACTOR SHALL CONSTRUCT CLEARING AND 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
- 14. SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT.
- 15. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAD REACHED 1/3 THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.
- 16. 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 A 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
- 17. 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 ONSITE INSPECTOR OR THE DESIGN PROFESSIONAL (CEC).
- 18. 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. NOTE: STOP WORK ORDER MAY BE ISSUED.

- MAINTAIN FULL COORDINATION WITH THE DESIGN PROFESSIONAL (CEC), CONTRACTOR AND REGULATORY INSPECTOR AT ALL TIMES
- 2. 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.
- 3. MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF LAND DISTURBANCE.
- 4. ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASSING.
- 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 HALF WAY POINT ON THE RISER.
- AFTER CURBING, GRADED 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
- 7. ALL ROADWAY AND PARKING SHOULDERS SHOULD BE GRASSED AS SOON AS FINAL GRADE IS ACHIEVED BEHIND CURBS.
- 8. 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.
- 9. 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 DESIGN PROFESSIONAL.

ITEM #37

THE GRAPHIC SCALE AND NORTH ARROW ARE SHOWN ON SHEETS C-1.2. C-1.3 AND C-1.4

EXISTING CONTOUR LINES AND PROPOSED CONTOUR LINES ARE DEPICTED ON SHEETS C-1.2, C-1.3 AND C-1.4

ITEM #39 THIS PROJECT DOES NOT USE ALTERNATIVE BMPS WHOSE PERFORMANCE HAS BEEN DOCUMENTED TO BE EQUIVALENT TO OR

SUPERIOR TO CONVENTIONAL BMPS AS CERTIFIED BY A DESIGN PROFESSIONAL (UNLESS DISAPPROVED BY EPD OR THE GEORGIA

ITEM #40

THIS PROJECT DOES NOT USE ALTERNATIVE BMPs ON THE EQUIVALENT BMP LIST.

- THE DELINEATION OF THE APPLICABLE 25-FOOT OR 50-FOOT UNDISTURBED BUFFERS ADJACENT TO STATE WATERS AND ANY ADDITIONAL BUFFERS REQUIRED BY THE LOCAL ISSUING AUTHORITY ARE SHOWN ON SHEETS C-1.2, C-1.3 AND C-1.4.
- NO WETLANDS EXIST ON SITE IN A DISTURBED AREA AS IDENTIFIED BY THE NATIONAL WETLAND INVENTORY MAPPING AS SHOWN BY THE US FISH AND WILDLIFE SERVICES. ALL STATE WATERS ARE SHOWN ON C-1.3
- THE DELINEATION AND ACREAGE OF CONTRIBUTING DRAINAGE BASINS ON THE PROJECT SITE ARE SHOWN ON SHEET C-1.2

ITEM #44

A HYDROLOGY STUDY IS INCLUDED WITH THIS PERMIT.

SOIL AND WATER CONSERVATION COMMISSION).

SEE THE HYDROLOGY STUDY FOR THE CHART OF THE INCREASE STORMWATER RUNOFF GENERATED BY THE NEW DEVELOPMENT. ON STORMWATER DETENTION POND IS PROPOSED.

PLEASE SEE SHEET C-1.5 FOR WEIR VELOCITIES AND OUTLET PROTECTION. ALL STORMWATER DISCHARGES FROM THE DISTURBED PORTION OF THE SITE ENTERS AN EXISTING PIPE SYSTEM.

ITEM #47

SOIL SERIES AND THEIR DELINEATIONS SHOWN ON SHEETS C-1.2, AND C-1.3

LIMITS OF DISTURBANCE ARE SHOWN ON SHEETS C-1.2, C-1.3 AND C-1.4

ITEM #49

THIS PROJECT PROVIDES A MINIMUM OF 67 CUBIC YARDS OF SEDIMENT STORAGE PER ACRE DRAINED USING TEMPORARY SEDIMENT BASIN AS SHOWN ON SHEET C-1.1. SEDIMENT STORAGE VOLUME MUST BE IN PLACE PRIOR TO AND DURING ALL LAND DISTURBANCE ACTIVITIES UNTIL FINAL STABILIZATION OF THE SITE HAS BEEN ACHIEVED. A WRITTEN RATIONALE EXPLAINING THE DECISION TO USE EQUIVALENT CONTROLS WHEN A SEDIMENT TRAP IS NOT ATTAINABLE MUST BE INCLUDED IN THE PLAN FOR EACH COMMON DRAINAGE LOCATION IN WHICH A SEDIMENT TRAP IS NOT PROVIDED, (NOT APPLICABLE).

SHEETS C-1.2, C-1.3 AND C-1.4 ADDRESS BMP'S FOR ALL PHASES OF CONSTRUCTION. THE PLANS SHOW THE LOCATION OF BEST MANAGEMENT PRACTICES THAT ARE CONSISTENT WITH AND NO LESS STRINGENT THAN THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. USE UNIFORM CODING SYMBOLS FROM THE MANUAL, CHAPTER 6, WITH LEGEND.

SEE SHEET C-4.5 AND C-4.6 FOR EROSION CONTROL DETAILS FOR STRUCTURAL PRACTICES.

Vegetation Plan: DISTURBED AREA STABILIZATION METHODS & SAMPLES

- (MULCHING ONLY) A TEMPORARY COVER OF PLANT RESIDUES APPLIED TO SOIL SURFACE FOR A PERIOD OF (6) MONTHS OR LESS WHEN SEEDING IS NOT PRACTICAL. ON OR BEFORE THE 14TH DAY (OR Ds2)
- (TEMPORARY SEEDING) ESTABLISH A TEMPORARY VEGETATIVE COVER Ds2 W/FAST GROWING SEEDS APPLIED TO ROUGH GRADED AREAS THAT WILL BE EXPOSED FOR LESS THAN 6 MONTHS. (THEN Ds3)
- (PERMANENT VEGETATION) AFTER (30) DAYS ESTABLISH PERMANENT Ds3 VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD OR LEGUMES. (AND/OR Ds4)
- SOD FOR HIGHLY ERODIBLE OR CRITICALLY ERODED LANDS—ALLOWS IMMEDIATE GROUND COVER REDUCING RUNOFF, EROSION, DUST & SEDIMENT.

FERTILIZER REQUIREMENTS FOR PERMANENT VEGETATION (Ds3)							
TYPES OF SPECIES	PLANTING YEAR	FERTILIZER (N-P-K)	RATE (lbs./acre)	N TOP DRESSING RATE (lbs./acre)			
COOL SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 1000 400	50-100 lbs./ac. 1/2/ 30			
COOL SEASON GRASSES & LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 0-10-10 0-10-10	1500 1000 400	0-50 lbs./ac. 1/ 			
WARM SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 800 400	50-100 lbs./ac. 2/6/ 50-100 lbs./ac. 2/ 30 lbs./ac.			
WARM SEASON GRASSES & LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 0-10-10 0-10-10	1500 1000 400	50 lbs./ac./6/ 			

FERTILIZER REC	UIRE	MENTS FOR SO	IL SUR			Ds4) Table 6-6.1	
FERTILIZER TYPES		FERTILIZER RATE (lbs/acre)		FERTILIZER RATE (lbs/acre)		SEASON	
10-10-10		1000		1000		FALL	
so	D PI	LANTING REQUIF	REMENT	S (Ds4)	Table 6-6.2		
GRASS		VARIETIES		F	RESOURCE AREA	GROWING SEASON	
BERMUDAGRASS		COMMON TIFWAY TIFGREEN TIFLAWN		M-L,P,C P,C P,C P,C		WARM WEATHER	
BAHIAGRASS		PENSECOLA		ı	P,C	WARM WEATHER	
CENTIPEDE				P,C		WARM WEATHER	
ST. AUGUSTINE		COMMON BITTERBLUE RALEIGH		P,C		WARM WEATHER	
ZOYSIA		EMERALD MYER		P,C		WARM WEATHER	
TALL FESCUE		KENTUCKY		P,C		WARM WEATHER	
FERTILIZER REQ	UIREI	MENTS FOR PER	RMANEN	IT VEGE	TATION (Ds4)	Table 6-6.3	
TYPES OF SPECIES PL		ANTINO VEAD I		ilizer P-K)	RATE (lbs./acre)	N TOP DRESSING RATE (lbs./acre)	
COOL SEASON GRASSES	FIRST SECOND MAINTENANCE		6-12 6-12 10-1	-12	1500 1000 400	50-100 lbs./ac. 1/2/ 30	
		FIRST 6-12 SECOND 6-12 INTENANCE 10-10		-12	1500 800 400	50-100 lbs./ac. 2/6/ 50-100 lbs./ac. 2/ 30 lbs./ac.	

PRODUCT DISPOSAL PRACTICES TO COMPLY WITH WASTE DISPOSAL SANITARY SEWER, OR SEPTIC TANK REGULATIONS:

PRODUCT DISPOSAL PRACTICES TO COMPLY WITH WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS:

CONTAINERS FOR SUCH PRODUCTS SUCH AS FUELS, LUBRICANTS AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ON—SITE VEHICLES & 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

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.

CONCRETE TRUCK WASHING
NO CONCRETE TRUCK WASHING WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ONSITE.

FERTILIZERS/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 IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.

NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED 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 THESE PRACTICES. MATERIAL SAFETY DATA SHEETS 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 SUCH PRODUCT IS STORED AND/OR USED AND ANOTHER COPY OF EACH 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 LISTED WITHIN THIS ESPCP AND WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR HAZARDOUS WASTE 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 SPILL PREVENTION CONTROL AND

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 SEWER WASTE UNITS WILL BE LOCATED IN ONE 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 STORM WATER DISCHARGES. THE LOCATION OF SANITARY WASTE UNITS MUST BE IDENTIFIED ON THE EROSION CONTROL PLAN GRADING PHASE SHEET BY THE CONTRACTOR ONCE THE LOCATIONS HAVE BEEN DETERMINED.

BASIN SEDIMENT CALCULATIONS

DISTURBED AREA = 1.75 ACRES

DISTURBED AREA STORAGE REQUIRED = 1.75 X 67 = 117.25 CY

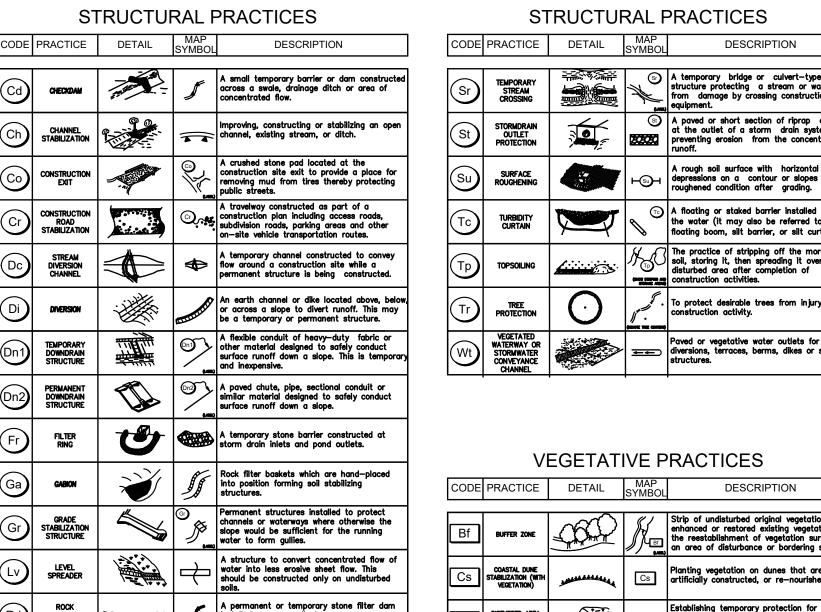
COUNTERMEASURES FOR ALL HAZARDOUS MATERIALS AND WASTE ON THE SITE.

24 HOUR EMERGENCY CONTACT: TIM MCTYRE (404) 317-6489 basschasertim@att.net

GEORGIA UNIFORM CODING SYSTEM

FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION



A wall installed to stabilize cut and fill slopes

A device or structure placed in front of a

A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.

An impounding area created by excavating

excavated area will be filled and stabilized on completion of construction activities.

A basin created by excavation or a dam across a waterway. The surface water runoff

across a waterway. The surface water is temporarily stored allowing the bulk of the sediment to drop out.

A small temporary pond that drains a disturbed area so that sediment can settle out. The principle feature distinguishing a temporary sediment trap from a temporary sediment basin is the lack of a pipe or rises

A buoyant device that releases/drains water from the surface of sediment ponds, traps, or basins at a controlled rate of flow.

Linear control device constructed as a diversion perpendicular to the direction of runoff to enhance dissipation and infiltration, while creating multiple sedimentation chambe with the employment of intermediate dikes.

FLOATING SURFACE SKIMMER

A temporary bridge or culvert-type structure protecting a stream or watercours from damage by crossing construction depressions on a contour or slopes left in roughened condition after grading. the water (it may also be referred to as a Paved or vegetative water outlets for

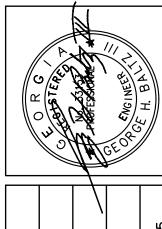
Strip of undisturbed original vegetation, enhanced or restored existing vegetation or the reestablishment of vegetation surrounding an area of disturbance or bordering streams Establishing temporary protection for disturbed areas where seedlings may not have A permanent vegetative cover using sods or 1,... Controlling surface and air movement of dust on construction site, roadways and similar sites. Substance formulated to assist in the solids/liquid separation of suspended particles in solution. 1-CO FLOCCULANTS AND COAGULANTS materials to maintain and enhance streambanks, or to prevent, or restore and repair small streambank erosion problems. A protective covering used to prevent erosion

and establish temporary or permanent vegetation on steep slopes, shore lines, or

mulch by causing the organic material to bind together.

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Roa(9th Distri **Hill** 899 18 ∞ _ **48**-and wder

NUMBER: 0000045830

GSWCC GEORGIA SOIL AND WATER

<u>GEORGE H BALTZ III</u>

CERTIFICATION NUMBER:

ISSUED: 11/10/2022

CONSERVATION COMMISSION

0000045830

EXPIRES: 11/10/2025

EXPIRATION 11-10-25

CVE PI # 25-448 SHEET NO.

24 HOUR EMERGENCY CONTACT: TIM MCTYRE (404) 317-6489 basschasertim@att.net **EROSION CONTROL NOTES:** EROSION CONTROL PRACTICES MUST COMPLY WITH THE MINIMUM BMP'S FOR JANUARY 2013 NRCS, AND SHALL COMPLY WITH THE STANDARDS/SPECIFICATIONS IN "THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" IN CONCENTRATED FLOW AREAS, ALL SLOPES STEEPER THAN 2.5:1 AND WITH A HEIGHT TEN FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFERS, SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET. LIMITS OF 100 YEAR FLOOD PLAIN - 909.6 MULCH TEMPORARY VEGETATION ON ALL EXPOSED AREAS WITHIN 14 DAYS AFTER DISTURBANCE. WHEN PLANTING VEGETATION, MULCH (HAY OR STRAW) SHOULD BE UNIFORMLY SPREAD OVER SEEDED AREA WITHIN 24 HOURS OF SEDIMENT/EROSION CONTROL DEVICES MUST BE CHECKED AFTER EACH STORM EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE THIRD THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED. ADDITIONAL EROSION CONTROL DEVICES TO BE USED AS REQUIRED BY CITY OF POWDER SPRINGS INSPECTORS. LIMITS OF CONSTRUCTION DISTURBANCE - THE LIMITS ARE SHOWN ON THIS PLAN AND INCLUDE THE AREA FOR THE PROPOSED BUILDING ADDITION, THE NEW PAVEMENT FOR DRAINAGE, AND THE FIRE TRUCK ACCESS DRIVEWAY. McTyr CRITICAL SLOPE: SPECIAL CARE MUST BE TAKEN TO STABILIZE THIS SLOPE WITH SOD OR PLANTS/MULCH AS WELL AS SURFACE ROUGHENING DURING CONSTRUCTION. THERE ARE NO CRITICAL SLOPES ON THIS LOT. NO LAND DISTURBANCE IS TO TAKE PLACE ON ANY ADJACENT LOT THAT IS NOT PROPERTY OF THE OWNER. CONTRACTOR TO VERIFY ALL ELEVATIONS BEFORE ANY CONSTRUCTION. Preg ELEVATION = 922.00ALL GRASSING SHALL BE IN ACCORDANCE WITH CHAPTER 6, SECTION III "VEGETATIVE PRACTICES" OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. SAMPLING & STORMWATER THE CONTRACTOR SHALL CLEAN OUT ALL ACCUMULATED SILT FROM THE DETENTION AND SEDIMENT PONDS ONCE ALL DISTURBED AREAS ARE STABILIZED WITH PERMANENT VEGETATION. DISCHARGE POINT ANY ADDITIONAL CONSTRUCTION OTHER THAN SHOWN ON THIS PLAN WILL REQUIRE SEPARATE AND ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AND APPROVAL. ALL DISTURBED AREAS WILL BE PERMANENTLY LANDSCAPED AND GRASSED AS **GPS LOCATION** SOON AS CONSTRUCTION PHASES PERMIT LATITUDE N: 33.85736° ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATION OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. ONGITUDE W: 84.69583° ADDITIONAL MEASURES MAY BE REQUIRED TO CONTROL EROSION AS DETERMINED NECESSARY BY INSPECTORS. THE EROSION CONTROL MEASURE CAN BE DESIGNED BY A LEVEL 1A (BLUE CARD) GASWCC CERTIFIED CONTRACTOR, UNLESS THE BMP HAS A HYDRAULIC COMPONENT. FOR ALL BMP DESIGN WITH A HYDRAULIC COMPONENT, THE BMP MUST BE DESIGNED BY A LEVEL 2 TRÉE PROTECTION (GOLD CARD) GASWCC CERTIFIED DESIGNER. A CONSTRUCTION EXIT IS NOT PROPOSED DUE TO THE SMALL SIZE OF THE PROJECT FENCING (TYP) AND THE LEVEL 1A CONTRACTOR MUST PROVIDE ALL MEASURES TO PREVENT ANY SILT FROM ENTERING THE ROADWAY. THIS INCLUDES CLEANING ANY MACHINES ON THE PROPERTY BEFORE TRANSPORTING THEM AWAY. IF THE CONTRACTOR CANNON KEEP SILT FROM LEAVING THE SITE AT THE ENTRANCE, THEN A CONSTRUCTION EXIT WILL BE REQUIRED. Rt DS1 / DS2 / DS3 IS TO BE APPLIED TO ALL DISTURBED AREAS. A PAD USED FOR NO WASTE WILL BE DISPOSED OF INTO STORM WATER SYSTEM INLETS OR WATERS OF THE STATE EXCEPT AS AUTHORIZED BY A UNLOADING SECTION 404 PERMIT. **TRUCKS** ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET (Sd1-S) 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 ONSITE. DOUBLE ROW - ADJUST EXISTING SILT ALL PERSONNEL WILL BE INSTRUCTED ON PROPER PROCEDURES FOR WASTE DISPOSAL. A NOTICE STATING THESE PRACTICES FENCE AS NECESSARY TO BE AT LEAST WILL BE POSTED AT THE JOBSITE AND THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE UPSTREAM BASIN DRAINING TO 50' FROM THE TOP OF BANK DETENTION POND = 1.85 ACRES BEST MANAGEMENT PRACTICES AS SET FORTH IN SUBSECTIONS (C)(2) AND (3) OF THE CITY OF POWDER SPRINGS UDC SHALL BE REQUIRED FOR ALL LAND-DISTURBING ACTIVITIES. PROPER DÈSÍGN, INSTALLÁTION, AND MAINTENANCE OF BEST MANAGEMENT PRACTICES SHALL CONSTITUTE A COMPLETE DEFENSE TO ANY ACTION BY THE DIRECTOR OR TO ANY OTHER ALLEGATION OF Us2 NONCOMPLIANCE WITH PARAGRAPH (2)B. 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EROSION CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED. LIMITS OF 100 YEAR **4818**Land Lot owder Spri /FLOOD PLAIN - 909.6 SCALE: 1" = 30'PHASE 1 - CLEARING DESCRIPTION **SOIL TYPES:** THE PURPOSE OF THIS PROJECT IS TO RE-GRADE AND STABILIZE THE EXISTING STORMWATER / DE-WATERING Cah - CARTECAY SOILS POND. THE OVERALL SITE IS THE HEADQUARTERS FOR A GRADING COMPANY. CURRENTLY, THE PONDING HYC - HELENA SANDY LOAM, 2-10 PERCENT SLOPES AREA SHOWN ABOVE IS USED AS A STORAGE AREA FOR SATURATED SOILS THAT ARE BROUGHT IN FROM OFF SITE. THERE IS AN EXISTING STAND PIPE AND OUTLET PIPE THAT ALLOWS FOR THE DE-WATERING OF THE WVD - WILKES SANDY LOAM, CLAYEY SUBSOIL VARIANT, 6-15 PERCENT SLOPES SOILS. ONCE THE SOILS ARE DRY, THEY ARE TRANSPORTED OFFSITE AS FILL DIRT MATERIAL.

GSWCC GEORGIA SOIL AND WATER

ISSUED: 11/10/2022

CONSERVATION COMMISSION

EXPIRES: 11/10/2025

NUMBER: 0000045830 EXPIRATION 11-10-25 SHEET NO.

THE CIVIL ENGINEER OF RECORD HAS VISITED THE SITE PRIOR TO DESIGN AND VIEWED NO VISUAL EVIDENCE

OF POLLUTANTS. IT IS THE UNDERSTANDING OF THE ENGINEER PER THE PROPERTY OWNER THAT THE SOILS

THE ONLY GRADING REQUIRED ON THIS PHASE IS FOR THE INSTALLATION OF THE SEDIMENT STORAGE AND RETROFITTED OCS AS REQUIRED BY THE GSWCC. ALL PERIMETER BMPS ARE TO BE INSTALLED BEFORE THE

POND STORAGE IS BEGIN AS WELL AS ANY LAND DISTURBANCE PERMITTING.

STORED IN THIS POND CONSIST OF SATURATED SOILS ONLY THAT CAN BE USED AS FILL DIRT ON OTHER

GRADING SITES WITH A NET FILL REQUIRED.

C-1.2

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EROSION CONTROL PRACTICES MUST COMPLY WITH THE MINIMUM BMP'S FOR JANUARY 2013 NRCS, AND SHALL COMPLY WITH THE STANDARDS/SPECIFICATIONS IN "THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA"

IN CONCENTRATED FLOW AREAS, ALL SLOPES STEEPER THAN 2.5:1 AND WITH A HEIGHT TEN FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFERS, SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.

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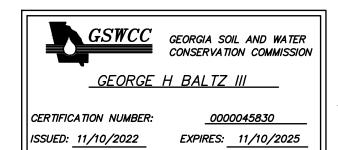
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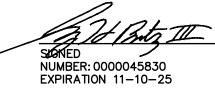
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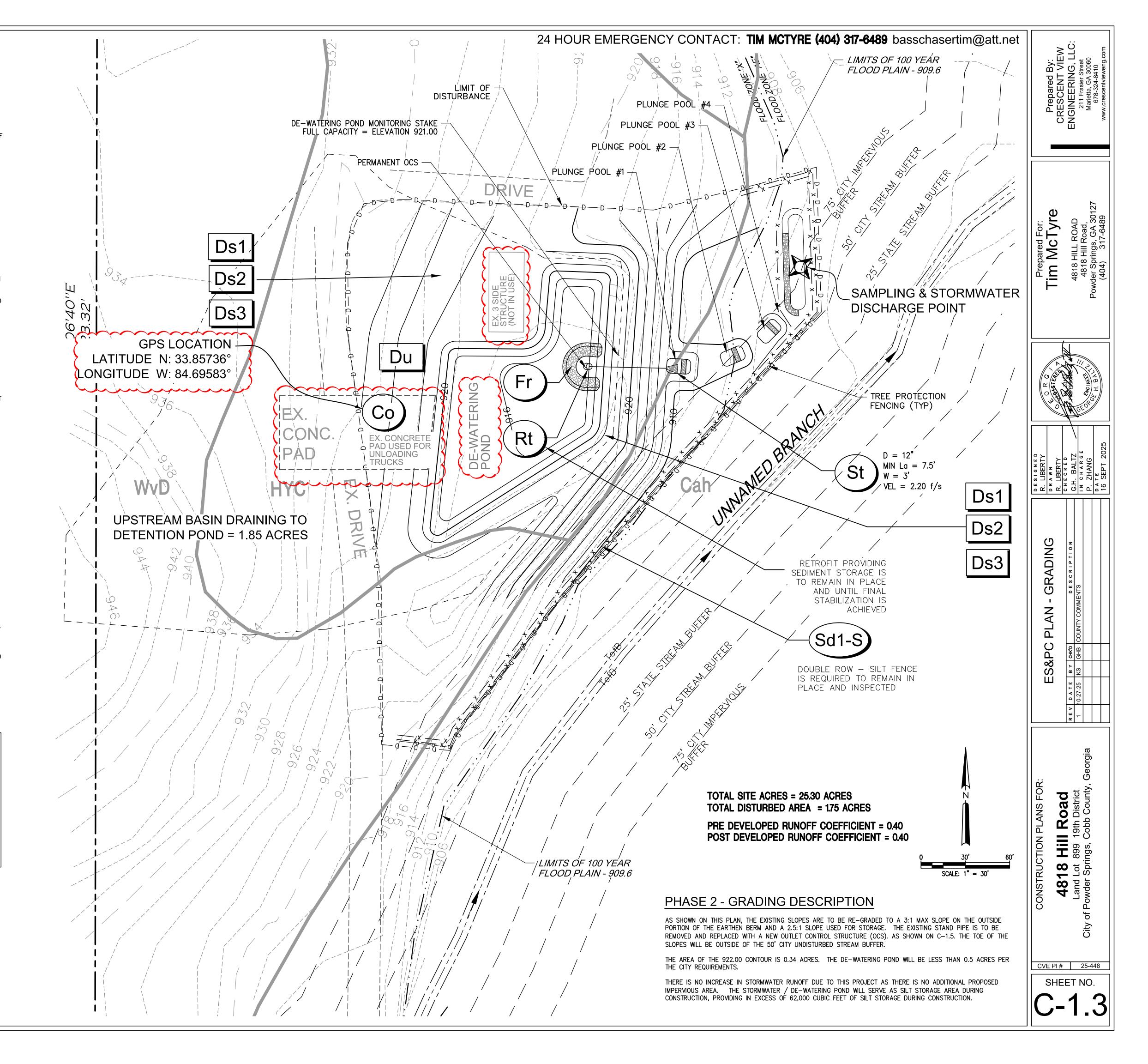
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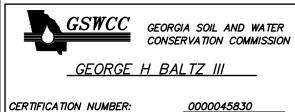
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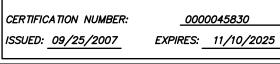
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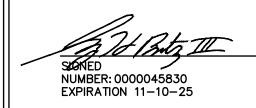
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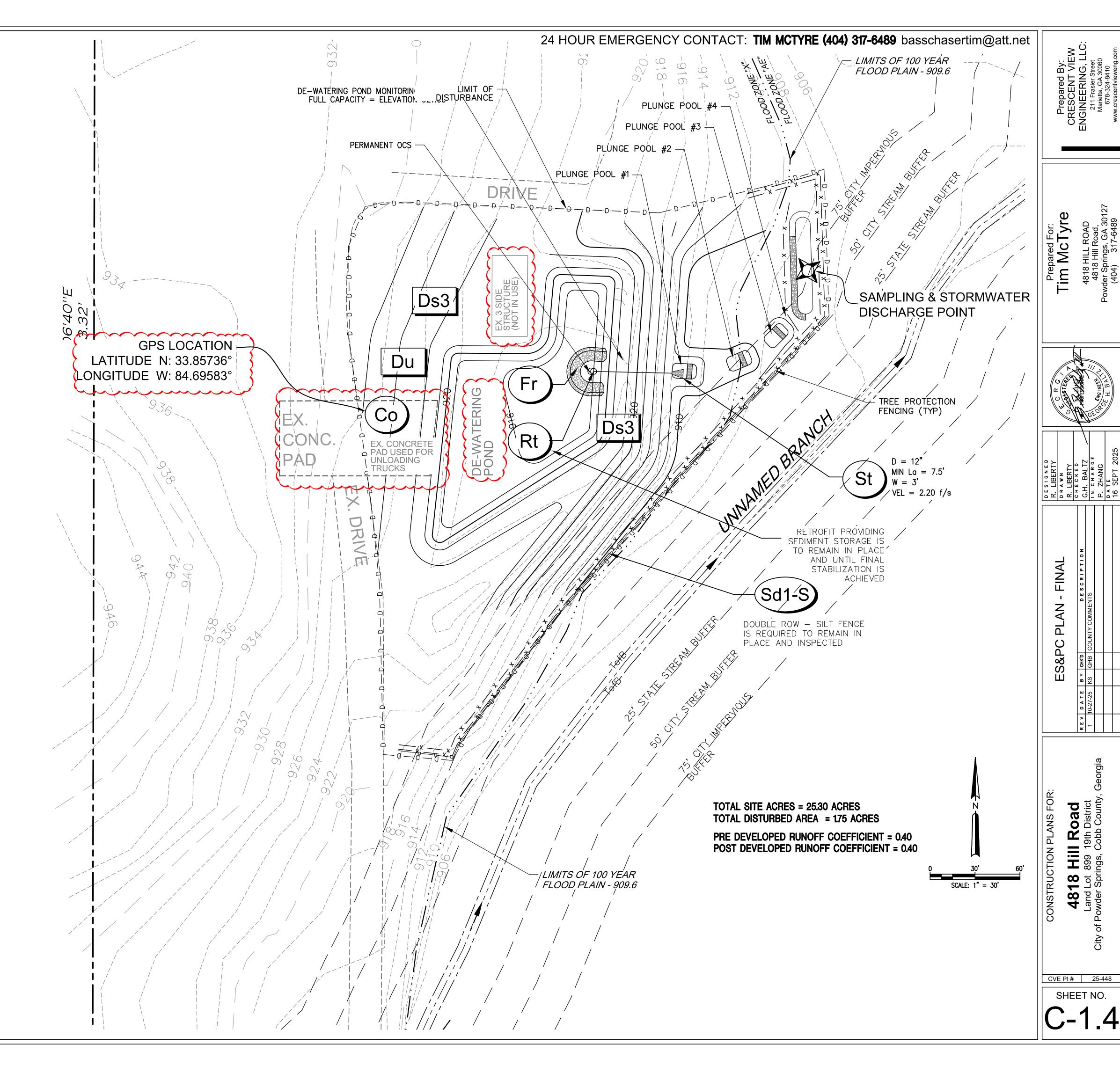
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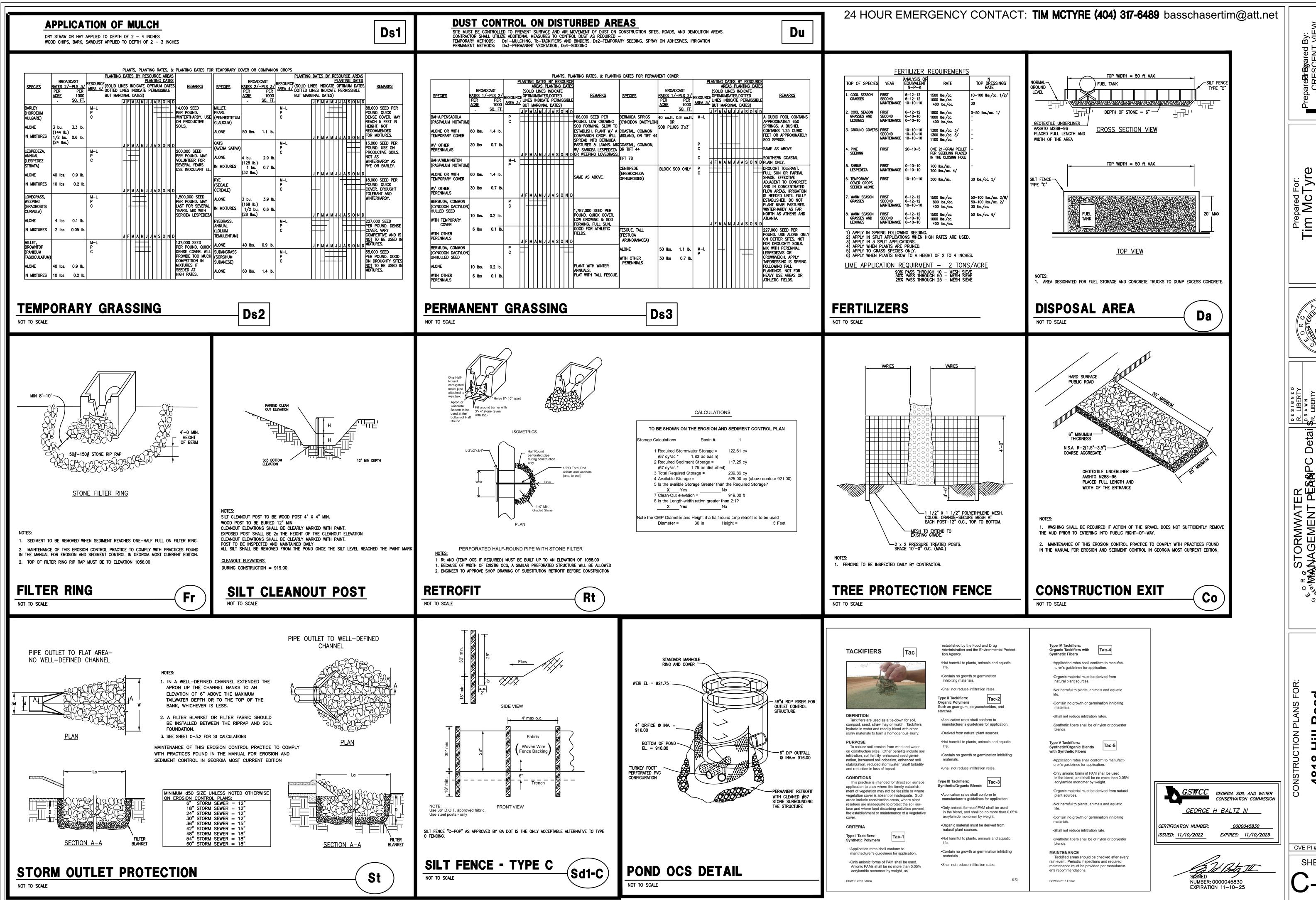
24 HOUR EMERGENCY CONTACT: TIM MCTYRE (404) 317-6489











redrayared By: CRESCENT VIEW NGINEERING, LLC:

Road
9th District **4818**Land Lot
wder Spri

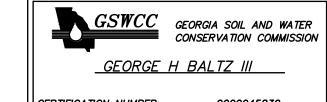
CVE PI # 25-448

SHEET NO.

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ESPC CHECKLIST

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST STAND ALONE CONSTRUCTION PROJECTS GAR100001	C-1 Y 20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment	C-1.1 Y 41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State Waters and any additional buffers as required by the Local Issuing Authority. Clearly note and delineate all areas of impact.
SWCD:ect Name:_4818 Hill Road ESPC Plan Address: 4818 Hill Road	source."	C-1.2 Y 42 Delineation of all State Waters and wetlands located on or within 200 feet of the project site.
al Issuing Authority:Date on Plans:09/15/2025	C-1 Y 21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."	C-1.1 Y 43 Delineation and acreage of contributing drainage basins on the project site.
ne & Email of person filling out checklist:_Rafeek Liberty	22 Any construction activity which discharges storm water into a Biota Impaired Stream Segment, or within 1 linear mile upstream of and within	HYDRO Y 44 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. *
# Y/N TO BE SHOWN ON ES&PC PLAN	the same watershed as any portion of a Biota Impaired Stream Segment, must comply with Part III.C. of the permit. Include the completed Appendix 1 of this checklist with at least 4 of the chosen BMPs that will be used for those areas of the site which discharge to the Impaired	HYDRO Y 45 Estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed. For solar far projects, post-construction impervious area shall be calculated as 70% of total solar panel square footage.
Y 1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.	Stream Segment. *	
The completed Checklist <u>must</u> be submitted with the ES&PC Plan or the Plan will not be reviewed. Permit IV.D.1. pg 27	C-1 Y 23 If a TMDL Implementation Plan for sediment has been finalized for the Biota Impaired Stream Segment (identified in Item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *	C-1.1 Y 46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate a storm water discharge points.
Y 2 Level II certification number issued by the Commission, signature and seal of the certified design professional. Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed. The Level II		C-1.1 Y 47 Soil series for the project site and their delineation.
certification must be issued to the Design Professional, after completion of a GSWCC approved course , and whose signature and seal are on the Plan.	C-1 Y 24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Include statement that washout of the drum at the construction site is prohibited. *	C-1.2, 1.3, 1.4 Y 48 The limits of disturbance for each phase of construction.
Y 3 Limits of disturbance shall be less than 50 acres at any one time without prior written authorization from the GAEPD District Office. If	C-1 Y 25 Provide BMPs for the remediation of all petroleum spills and leaks.	C-1.2, Y 49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pon-
GAEPD approves the request to disturb 50 acres or more at any one time, the Plan must include the GAEPD approval letter and completed Appendix 1 of this checklist with at least 4 of the chosen BMPs. *	C-1 Y 26 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. *	and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and dur land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a
A copy of the written approval by GAEPD <u>must</u> be attached to the Plan for the Plan to be reviewed. Permit IV.D.3. pg 28	C-1 Y 27 Description of practices to provide cover for building materials and building products on site. *	sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Workshop
Y 4 The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.	C-1 Y 28 Description of the practices that will be used to reduce the pollutants in storm water discharges. *	from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sedim
Y 5 Provide the name, address, email address, and phone number of Primary Permittee.	C-1 Y 29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial	storage when using equivalent controls. When discharging from sediment basins and impoundments, Permittees are <u>required</u> to utilize structures that withdraw water from the surface are not feasi
Y 6 Note total and disturbed acreages of the project or phase under construction.	perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, grading, infrastructure, temporary and final stabilization).	written justification explaining this decision must be included in the Plan.
Y 7 Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.	C-1 Y 30 Provide complete requirements of <u>Inspections</u> and record keeping by the Primary Permittee. *	C-1.2, 1.3, 1.4 Y 50 Location of Best Management Practices that are consistent with, and no less stringent than, the Manual for Erosion and Sediment Con
Y 8 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.	C-1 Y 31 Provide complete requirements of <u>Sampling Frequency</u> and <u>Reporting</u> of sampling results. *	Georgia. Use uniform coding symbols from the Manual Chapter 6, with legend.
Y 9 Descriptions of the nature of construction activity and existing site conditions.	C-1 Y 32 Provide complete details for Retention of Records as per Part IV.F. of the permit. *	C-1.5 Y 51 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual fo
Y 10 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.	C-1 Y 33 Description of analytical methods to be used to collect and analyze the samples from each location. *	Erosion and Sediment Control in Georgia.
Y 11 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.	C-1 Y 34 Appendix B rationale for NTU values at all outfall sampling points where applicable. *	C-1.1 Y Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilized lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the
Y 12 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on Part IV page 20 of the permit.	C-1.2, 1.3, 1.4 Y 35 Delineate all sampling locations on all phases of the Plan, and perennial and intermittent streams and other water bodies into which storm water is discharged. *	appropriate geographic region of Georgia.
Y 13 Design professional's certification statement and signature that the Permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on Part IV page 20 of the permit.*	C-1.1 Y 36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage	 If using this checklist for a project that is less than 1 acre and not part of a common development but with 200 ft of a perennial stream, the * checklist items would be N/A.
Y 14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect and certify the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." *	requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial sediment storage requirements and initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all BMPs into a single phase plan. *	Effective January 1, 2025
Y 15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."	C-1.2, 1.3, 1.4 Y 37 Graphic scale and North arrow.	
Y 16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.	C-1.2, 1.3.1.4 Y 38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:	
Y 17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic	1.3, 1.4 Map Scale Ground Slope Contour Intervals, ft.	
component must be certified by the design professional." * Y 18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404	1 inch = 100ft or 2 Rolling 0.5 or 1	
permit." * Y 19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control	larger scale + 2, 5 or 10 C-1.1 Y 39 Use of Alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a	
measures and practices prior to land disturbing activities."	Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.	
	C-1.1 Y 40 Use of Alternative BMP for application to the Equivalent BMP List. Refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *	



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