

SITE DATA	
LL #1, DISTRICT 2, ZONE R-100	
TOTAL SITE AREA =	14.580 AC.
TOTAL DISTURBED AREA =	1.72 AC.
TOTAL STORAGE REQUIRED =	115.25 CY.
STORAGE PROVIDED =	
SILT FENCE STORAGE PROVIDED =	187 CY.
EXCAVATED INLET STORAGE PROVIDED =	55 CY.
TOTAL STORAGE PROVIDED =	242 CY.

STRUCTURAL PRACTICES				
CODE	PRACTICE	DETAIL	SYMBOL	DESCRIPTION
Co	CONSTRUCTION EXIT		Co	A CRUSHED STONE PAD LOCATED AT THE CONSTRUCTION SITE EXIT TO PROVIDE A PLACE FOR REMOVING MUD FROM TIRES THEREBY PROTECTING PUBLIC STREETS.
Cw	CONCRETE WASHOUT AREA		Cw	
Sd1-S	SEDIMENT BARRIER TYPE S: SENSITIVE AREAS		Sd1-S	A BARRIER TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. IT MAY BE MADE OF STYROFOAM OR HAY, BRUSH, OR POLE BUNDLES, OR ANY OTHER MATERIAL.

VEGETATIVE PRACTICES				
CODE	PRACTICE	DETAIL	SYMBOL	DESCRIPTION
Du	DUST CONTROL ON DISTURBED AREAS		Du	CONTROL OF SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS AND SIMILAR SITES.
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)		Ds1	INSTALLING TEMPORARY PROTECTION FOR DISTURBED AREAS WHERE SEEDINGS MAY NOT HAVE A SUITABLE GROWING SEASON TO PRODUCE AN EROSION RETARDING COVER.
Ds2	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)		Ds2	ESTABLISHING A PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, OR LEGUMES ON DISTURBED AREAS.

1. COMPLIANCE WITH THE NPDES STATE GENERAL PERMITS FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION PROJECTS WILL ENSURE THAT POLLUTANT LOADINGS FROM THE CONSTRUCTION SITE WILL BE AT OR BELOW APPLICABLE TARGETS FOR THE CRITERIA: FECAL COLIFORM, BIO 5 AND BIO 10.
2. THE PROPOSED DEVELOPMENT DISCHARGES STORM WATER INTO A TRIBUTARY OF BURNT FORK CREEK, WHICH IS IDENTIFIED AS AN IMPAIRED STREAM ACCORDING TO THE GEORGIA 2012 AND 2014 28(b)(1)(B) LIST. THEREFORE, THE FOLLOWING ADDITIONAL BMPs ARE REQUIRED TO PREVENT FURTHER WATER QUALITY DEGRADATION:
- USE BARRIERS IN ALL TEMPORARY SEDIMENT BASINS TO DOUBLE THE CONVENTIONAL FLOW PATH LENGTH TO THE OUTLET STRUCTURE. PLACE A LARGE SIGN (MINIMUM 4 FEET BY 8 FEET) ON THE SITE VISIBLE FROM THE ROADWAY IDENTIFYING THE CONSTRUCTION SITE, THE PERMITEE(S), THE CONTACT PERSON(S) AND TELEPHONE NUMBER(S) UNTIL THE NOT HAS BEEN SUBMITTED.
 - INSTALL POST CONSTRUCTION BMPs (E.G., RUNOFF REDUCTION BMPs) WHICH REMOVE 80% TSS AS OUTLINED IN THE GEORGIA STORMWATER MANAGEMENT MANUAL KNOWN AS THE BLUE BOOK OR AN EQUIVALENT OR MORE STRINGENT DESIGN MANUAL. (PLEASE REFER TO THE HYDROLOGY REPORT)
 - DURING CONSTRUCTION ACTIVITIES, DOUBLE THE WIDTH OF THE 25 FOOT UNDISTURBED VEGETATED BUFFER ALONG ALL STATE WATERS REQUIRING A BUFFER AND THE 50 FOOT UNDISTURBED VEGETATED BUFFER ALONG STATE WATERS CLASSIFIED AS "TRIBUTARY STREAMS" REQUIRING A BUFFER. DURING CONSTRUCTION ACTIVITIES, EPD WILL NOT GRANT VARIANCES TO ANY SUCH BUFFERS THAT ARE INCREASED IN WIDTH.

INTERMEDIATE PHASE A SEDIMENT STORAGE FOR EXCAVATED INLET
 REQUIRED STORAGE VOLUME:
 0.88 AC X 67 C.F. = 45.6 C.Y. (1230 C.F.)
 PROVIDED STORAGE VOLUME:
 55.2 C.Y. (1480 C.F.)
 REQUIRED CLEAN OUT VOLUME:
 45.6 C.Y. (1230 C.F.) / 3 =
 15.2 C.Y. (410 C.F.)

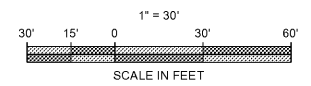
3'x3' OF 9'-12" RIVER ROCK FOR EROSION CONTROL. SEE SHEET C-4.8 FOR DIMENSIONS (TYP.)
 PROVIDE 100LF OF 4'x8'x1/2" PLYWOOD TEMPORARY BAFFLE TO PROVIDE 100 LF OF FLOW PATH.
 S41-S TYPE 'C' SILT FENCE W/STEEL POST PROVIDES 187 CY OF STORAGE. SEE SITE DATA ON THIS SHEET FOR CALCULATIONS (TYP.)

SEE SHEET C-4.9 FOR DIVERSION CHANNEL REPORT


4'x8' SIGN IDENTIFYING THE CONSTRUCTION SITE, THE PERMITEE(S), AND THE CONTACT PERSON(S) AND TELEPHONE NUMBER(S). TO BE ON SITE FIRST DAY OF CONSTRUCTION UNTIL NOT IS FILED.

DACULA ROAD (80' R/W) PB 84, PG 87.


GWINNETT COUNTY STAMP AREA (4" X 4") PROJECT # CDP2019-00035



ENGINEER
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 CONTACT: MR. REX SCHUDER

PROJECT:
ELISHA WINN HOUSE
SITE IMPROVEMENTS
 908 DACULA RD
 DACULA, GA 30019
 LL # 1, DISTRICT 2, ZONE R-100
 PARCEL #R2001 158

SEAL

 4/08/19
 GEORGIA LEVEL II CERTIFIED PROFESSIONAL # 000058923
 EXPIRATION DATED: 08/21/2021

REVISIONS	DATE
△ GWINNETT CO. RESUBMITTAL	03/20/2019
△ GWINNETT CO. RESUBMITTAL	03/25/2019

PROJECT MANAGER: AWP
 DRAWING BY: SSH
 JURISDICTION: GWINNETT COUNTY
 DATE: 08/10/2018
 SCALE: 1" = 30'
 TITLE:

ESPC INTERMEDIATE PLAN A
 SHEET NUMBER:
C-4.4A
 COMMENTS: RELEASED FOR CONSTRUCTION
 JOB/FILE NUMBER: 223.082

GEORGIA811
 Utilities Protection Center, Inc.
 Know what's below.
 Call before you dig.