

EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN AND COMPREHENSIVE MONITORING PROGRAM

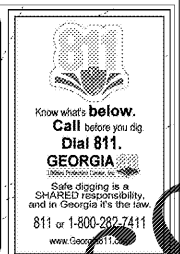
"ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING."

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

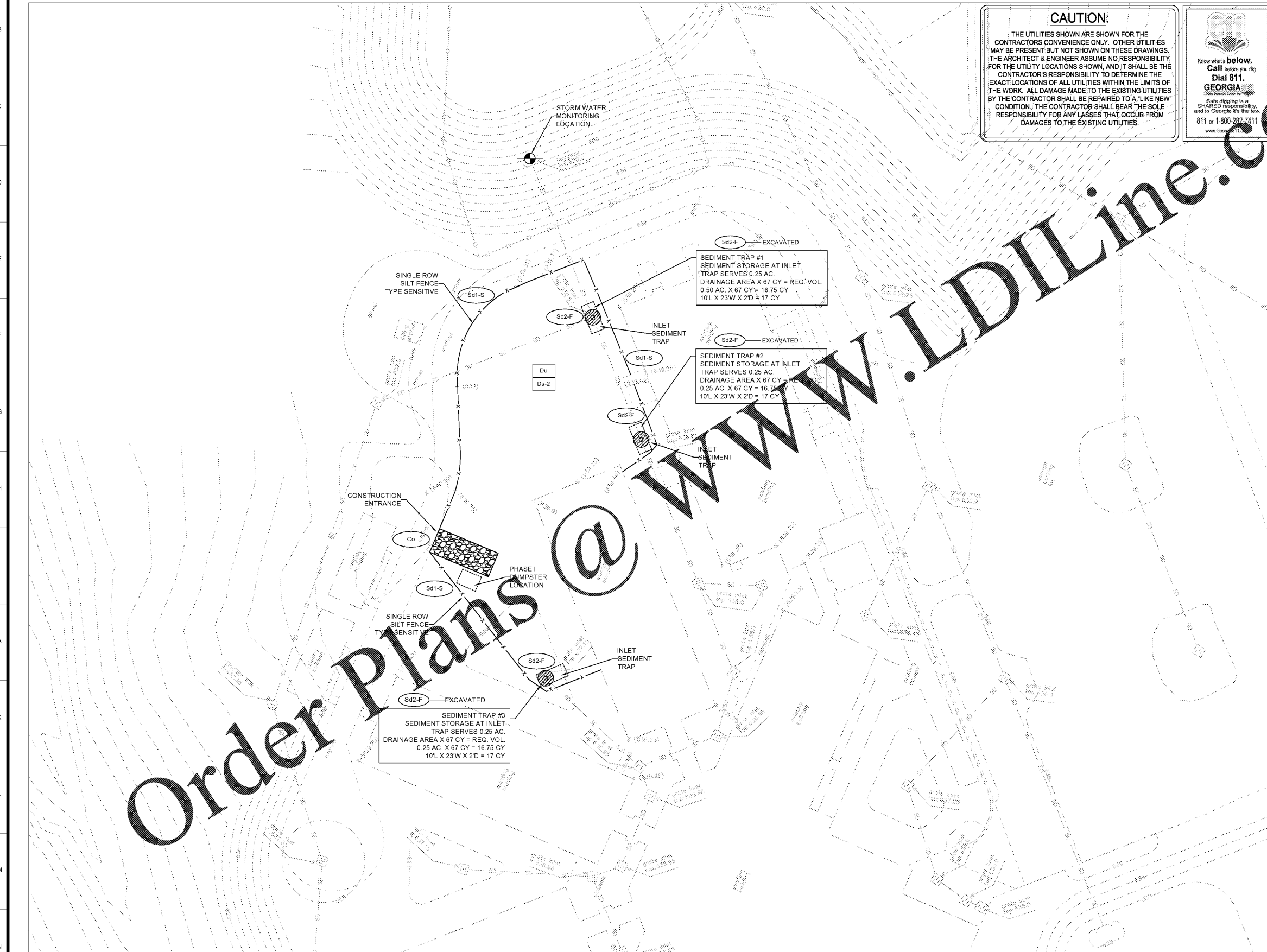
EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

**CAUTION:**

THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTORS CONVENIENCE ONLY. OTHER UTILITIES MAY BE PRESENT BUT NOT SHOWN ON THESE DRAWINGS. THE ARCHITECT & ENGINEER ASSUME NO RESPONSIBILITY FOR THE UTILITY LOCATIONS SHOWN, AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE MADE TO THE EXISTING UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED TO A "LIKE NEW" CONDITION. THE CONTRACTOR SHALL BEAR THE SOLE RESPONSIBILITY FOR ANY LOSSES THAT OCCUR FROM DAMAGES TO THE EXISTING UTILITIES.



EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN LEGEND		
Co	CHECK DAM	SMALL TEMPORARY BARRIER OR DAM CONSTRUCTED ACROSS A SWALE, DRAINAGE DITCH, OR AREA OF CONCENTRATED FLOW.
Cd-S	STONE CHECK DAM	SMALL TEMPORARY BARRIER OR DAM CONSTRUCTED ACROSS A SWALE, DRAINAGE DITCH, OR AREA OF CONCENTRATED FLOW.
Ch-1	CHANNEL STABILIZATION (W/BLANKET)	IMPROVING, CONSTRUCTING OR STABILIZING AN OPEN SWALE DRAINAGE DITCH TO AVOID EROSION OF CHANNEL LINING (WITH SOIL OR TEMPORARY EROSION CONTROL BLANKET).
Ch-2	CHANNEL STABILIZATION (W/RRP)	IMPROVING, CONSTRUCTING OR STABILIZING AN OPEN SWALE DRAINAGE DITCH TO AVOID EROSION OF CHANNEL LINING (RRP OR CONCRETE).
Co	CONSTRUCTION EXIT	A STONE PAD AT THE SITE EXIT TO REMOVE MUD FROM TIRES (STONE SIZE: 1 1/2" X 1 1/2" DIA., THICKNESS: P. SEE DETAIL).
Di	DIVERSION	A RIDGE OF COMPACTED SOIL, CONSTRUCTED ABOVE, ACROSS OR BELOW A SLOPE TO DIVERT STORMWATER TO DRAINAGE STRUCTURES.
Dht	TEMPORARY DOWNSTREAM STRUCTURE	A PIPE, SECTIONAL CONDUIT, OR SIMILAR MATERIAL DESIGNED TO SAFELY CONDUCT SURFACE RUNOFF DOWN A SLOPE.
Fr	FILTER RING	A TEMPORARY STONE BARRIER CONSTRUCTED AT STORM DRAIN INLETS AND POND OUTLETS.
Lv	LEVEL SPREADER	A STRUCTURE TO CONVERT CONCENTRATED FLOW OF WATER INTO LESS ENERGY SHEET FLOW. THIS SHOULD BE CONSTRUCTED ON SOILS ONLY.
Rd	ROCK FILTER DAM	A TEMPORARY STONE FILTER DAM INSTALLED ACROSS DRAINAGE WAYS OR IN CONJUNCTION WITH A TEMPORARY SEDIMENT TRAP.
Rfp	RETROFITTING	TO BE PLACED IN FRONT OF A PERMANENT STORMWATER STRUCTURE TO SERVE AS A TEMPORARY SEDIMENT TRAP.
Sd1	SEDIMENT TRAP	TO BE PLACED IN FRONT OF A PERMANENT STORMWATER STRUCTURE TO FILTER SEDIMENT FROM RUNOFF. PREVENTING IT FROM LEAVING THE SITE. (PROPERLY STAKED HAY BALES OR FABRIC FENCE - SEE DETAIL). (OSWCC - SENSITIVE AREA SILT FENCE).
Sd1-S	SEDIMENT TRAP (SILT FENCE)	SEDIMENT BARRIER SHALL HAVE SUPPORTS NO GREATER THAN 12 FEET ON CENTER. ONLY TO BE USED DURING TIMBER CLEARING OPERATIONS.
Sd1-F	SEDIMENT TRAP (FABRIC)	EXCAVATING AROUND A STORM DRAIN DROP INLET, CURB INLET OR WEIR INLET TO CATCH SEDIMENT (SEE DETAIL). ALTERNATIVE APPROVED METHODS MAY ALSO BE USED ACCORDING TO THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GA. LATEST EDITION.
Sd1-F	SEDIMENT TRAP (FABRIC)	TRUCK MATS SHALL BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET. MAX. 3 FEET APART. MATS SHOULD BE OPEN ENDS INTO THE GROUND APPROX. 18" DEEP. THE FABRIC SHALL BE OPEN ENDS INTO THE GROUND APPROX. 12" AND BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.
Sd2	SEDIMENT TRAP (ROCK)	A CURB INLET FILTER. AFTER PAVING HAS BEEN INSTALLED, METHOD SHALL BE IN A BLANKET OR 6" STONE GRAVEL BASS. SHALL BE FILLED WITH FILTER FABRIC, WIRE, OR PLASTIC MESH. SEE DETAIL.
Sd3	SEDIMENT BASIN	BASIN CREATED TO CATCH SEDIMENT DURING CONSTRUCTION OF CURB-YARDS/AGRE FOR THE DISTURBED AREA DRAINING INTO THE BASIN.
Sd4	SEDIMENT TRAP (STRAW BALE/SILT FENCE)	A SMALL TEMPORARY POND THAT DRAINS A DISTURBED AREA OF UP TO 1 AC. THE SILT FENCE AND STRAW BALE OR TIE TIELESS STRAW BALE TRAP LIFE SPAN IS UP TO 1 YEAR. SEE DETAIL FOR Sd4-C.
Sd4-F	SEDIMENT TRAP (ROCK/OUTLET)	A SMALL TEMPORARY POND THAT DRAINS A DISTURBED AREA OF UP TO 1 AC. THE ROCK OUTLET FILTERS PARTICLES THROUGH LAYERS OF AGGREGATE. RPPAP TO DEWATER THE SEDIMENT TRAP LIFE SPAN IS UP TO 1 YEAR. SEE DETAIL FOR Sd4-C.
St	STORM DRAIN OUTLET PROTECTION	PAVED AND/OR REPAVED CHANNEL SECTIONS BELOW A STORM DRAIN OUTLET. THE LENGTH AND THE WIDTH OF THE APRON SHALL BE AS DETERMINED FROM DETAIL.
Su	SURFACE ROUGHENING	PROVIDING A ROUGH SOIL SURFACE WITH HORIZONTAL DEPRESSIONS CREATED BY OR BY OTHER MEANS. IMPLEMENT ON THE CONTOUR OR BY LEAVING SLOPES IN A ROUGHENED CONDITION BY NOT RE-GRADING THEM.
Tp	TOPSOILING	STRIPPING OFF THE MORE FERTILE TOP SOIL, STORING IT, THEN SPREADING IT OVER THE DISTURBED AREA AFTER COMPLETION OF CONSTRUCTION ACTIVITIES.
Tr	TREE PROTECTION	PROTECT DESIRABLE TREES FROM INJURY DURING THE CONSTRUCTION ACTIVITY.
Bf	BUFFER ZONE	A STRIP OF UNDISTURBED ORIGINAL VEGETATION, ENHANCED OR RESTORED EXISTING VEGETATION OR THE RE-ESTABLISHMENT OF VEGETATION SURROUNDING AN AREA OF DISTURBANCE OR BORDERING STREAMS, PONDS, WETLANDS, LAKES.
Dst	DISTURBED AREA STABILIZATION (TEMPORARY)	MULCHING OF WOOD WASTE OR GRASS: CHIPS AND BARK AS TEMPORARY PROTECTION FOR DISTURBED AREAS. WOOD WASTE CAN BE USED ON SLOPES FLATTER THAN 1:1 WITH ANCHORING AT DEPTH OF 2" TO 3" OR RATE OF 8 TO 9 TON/ACRE.
Ds2	DISTURBED AREA STABILIZATION (TEMPORARY)	ANNUAL RYEGRASS 40 LBS/ACRE. FERTILIZE AT 500 LBS/ACRE. LIME RATE AT 50 LBS/1000 S.F.
Ds3	DISTURBED AREA STABILIZATION (PERMANENT)	COMMON HULLED BERMAUDA SEED AT 10 LBS/ACRE AND 1500 LBS/ACRE OF 6-12-12 FERTILIZER, APPLY LIME AT A RATE OF 1 TON/ACRE.
Ds4	DISTURBED AREA STABILIZATION (PERMANENT)	A PERMANENT VEGETATIVE COVER USING SODS ON HIGHLY CRITICALLY ERODED LANDS.
Du	DUST CONTROL	CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS AND DEMOLITION SITES.
Ch-1	CHANNEL STABILIZATION (W/BLANKET)	A WOVEN MESH USED IN DRAINAGE SWALES TO PREVENT EROSION AND SLOW WATER FLOW. FABRIC SHALL BE 12" TO 18" HIGH AND 2" TO 3" THICK FOR MANUFACTURER'S AREA OF DISTURBANCE (ST-100).
Ss	SLOPE STABILIZATION	RECS - LONG TERM BLANKET CONSISTING OF 100% CURLED WOOD CHIPS OR SLOPES TO PREVENT EROSION AND SLOW WATER FLOW TO STABILIZE SLOPES. EXCEL SLOPE EROSION CONTROL BLANKET (E) FLOCCULANTS AND COAGULANTS ARE FORMULATED TO ASSIST IN THE SOLID LIQUID SEPARATION OF SUSPENDED PARTICLES IN SOLUTION. APPLICATION RATES SHALL CONFORM TO MANUFACTURER'S GUIDELINES FOR APPLICATION. ONLY ANIONIC FORM OF FCs SHALL BE USED.
Flc	FLOCCULANTS	MANUFACTURER'S GUIDELINES FOR APPLICATION. ONLY ANIONIC FORM OF FCs SHALL BE USED.
ML	MONITORING LOCATION	SAMPLING LOCATION TO MONITOR THE STORM WATER FOR TURBIDITY.



Order Plans @ www.LDILine.com

**CERTIFIED PERSON:**  
 PATRICK HALLAHAN  
 LEVEL II CERTIFIED  
 DESIGN PROFESSIONAL  
 CERTIFICATION #  
 000006587  
 ISSUED: 07/06/2018  
 EXPIRES: 07/06/2021

SCALE: 1" = 30'

SA&E PROJECT NUMBER	01-632-056
BID PACKAGE	BP-1
ISSUED FOR CONSTRUCTION	FEB. 4, 2020
<b>Southern A&amp;E</b> 7951 Tron Circle Austell, Ga 30168 (770) 419-7777 architects & engineers	
R #	Doc #
1	AD01
Date	02/13/2020

FACILITY CODE NUMBER:  
 (6) CLASSROOM ADDITIONS TO:  
**CREEKSIDE MIDDLE SCHOOL**  
 CATAULA, GA  
**HARRIS COUNTY BOARD OF EDUCATION**  
 HAMILTON, GA

PHASE I (INITIAL) ES&PC PLAN

DRAWING NUMBER  
**C206**

"THIS SHEET IS TO BE USED FOR SEDIMENT AND EROSION CONTROL ONLY"