

2" GRIDS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

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.

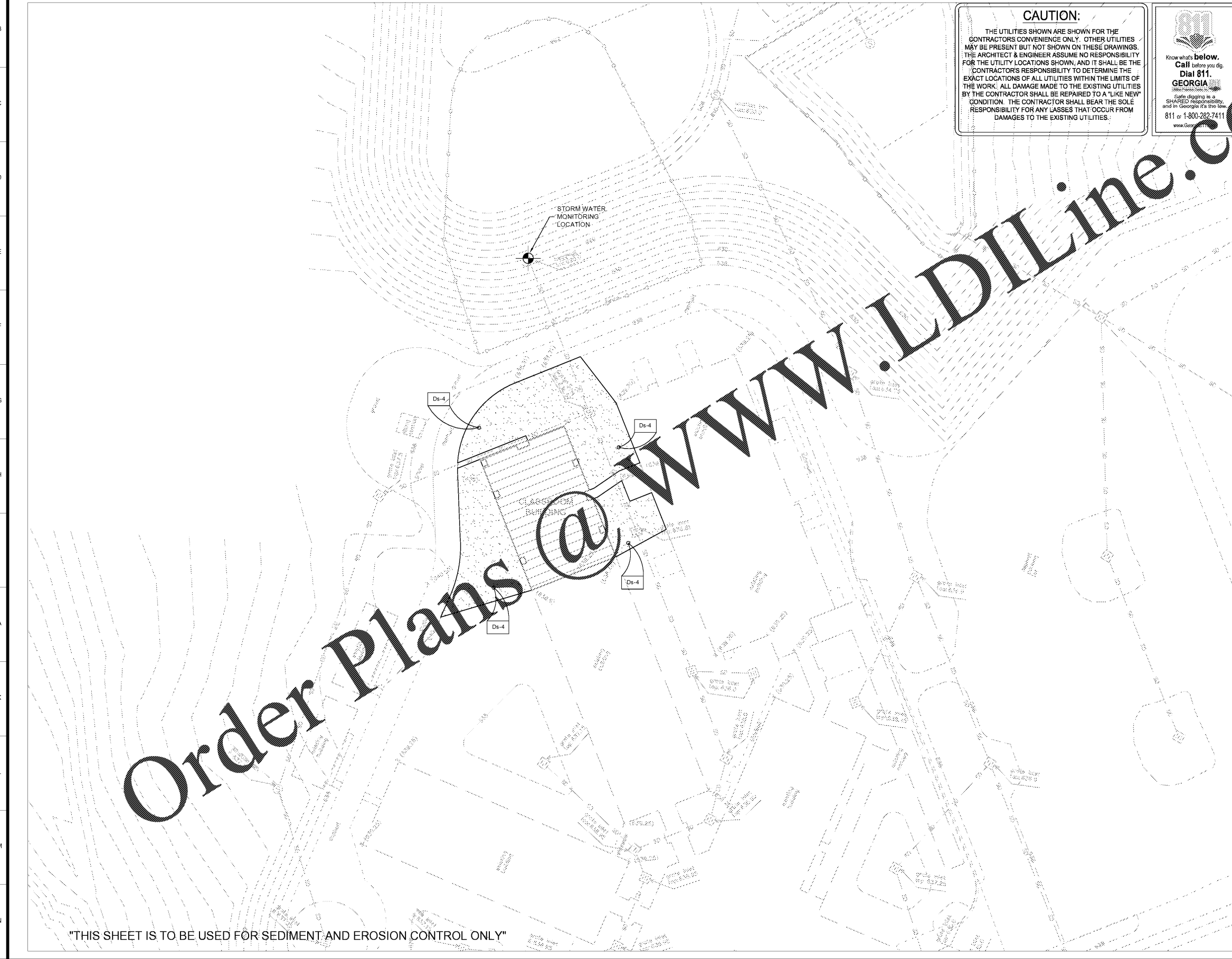
EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

CAUTION:

THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTOR'S 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.

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EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN LEGEND		
(Cd)	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 (WRAP/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 (WRAP/BLANKET)	IMPROVING, CONSTRUCTING OR STABILIZING AN OPEN SWALE DRAINAGE DITCH TO AVOID EROSION OF CHANNEL LINING (WRAP 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: 1/2" SEE DETAIL).
(Di)	DIVERSION	A RIDGE OF COMPACTED SOIL, CONSTRUCTED ABOVE, ACROSS OR BELOW A SLOPE TO DIVERT STORMWATER TO DRAINAGE STRUCTURES.
(Dnt)	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 UNDISTURBED 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.
(Rf)	RETROFITTING	EXISTING STRUCTURE TO SERVE AS A TEMPORARY SEDIMENT TRAP TO FILTER SEDIMENT FROM RUNOFF. PREVENTING IT FROM LEAVING THE SITE. (PROPERLY STAKED HAY BALES OR FABRIC FENCE - SEE DETAIL).
(Sd)	SEDIMENT BASIN	SEDIMENT BASIN SHALL HAVE SUPPORTS NO GREATER THAN 12" ABOVE THE GROUND SURFACE. ONLY FOR USE DURING TIMBER CLEARING OPERATIONS.
(St)	SEDIMENT TRAP	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.
(St-1)	SEDIMENT TRAP	SEDIMENT TRAP WITH 12" MAX. DEPTH. THE FABRIC SHALL BE OPEN INTO THE GROUND APPROX. 18" DEEP. THE FABRIC SHALL BE OPEN INTO THE GROUND APPROX. 12" AND BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.
(St-2)	SEDIMENT TRAP	A CURB INLET FILTER AFTER DRAINING HAS BEEN INSTALLED. METHOD SHALL BE PERFORMED IN A BLANKET OR 1/2" STONE GRAVEL BAGS SHALL BE USED WITH FILTER FABRIC, WIRE, OR PLASTIC MESH. SEE DETAIL.
(Sd-1)	SEDIMENT BASIN	A BASIN CREATED TO CATCH SEDIMENT DURING CONSTRUCTION OF CURB, YARDS/ACRE FOR THE DISTURBED AREA DRAINING INTO THE BASIN.
(Sd-2)	SEDIMENT TRAP (ROCK OUTLET)	A SMALL TEMPORARY POND THAT DRAINS A DISTURBED AREA OF UP TO 1 ACRE. THE ROCK OUTLET DEEPS ARE FILTERING THROUGH LAYERS OF AGGREGATE. (RRAP TO DEWATER THE SEDIMENT TRAP. LIFE SPAN IS UP TO 1 YEAR. SEE DETAIL FOR Sd-2-C.)
(Sd-3)	SEDIMENT TRAP (ROCK OUTLET)	A SMALL TEMPORARY POND THAT DRAINS A DISTURBED AREA OF UP TO 1 ACRE. THE ROCK OUTLET DEEPS ARE FILTERING THROUGH LAYERS OF AGGREGATE. (RRAP TO DEWATER THE SEDIMENT TRAP. LIFE SPAN IS UP TO 1 YEAR. SEE DETAIL FOR Sd-3-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 DETERMINED FROM DETAIL.
(Su)	SURFACE ROUGHENING	PROVIDING A ROUGH SOIL SURFACE WITH HORIZONTAL DEPRESSIONS CREATED BY ORIENTING A TILG IMPLEMENT ON THE CONTOUR OR BY LEAVING SLOPES IN A ROUGHENED CONDITION BY NOT FINING 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.
(Ds-1)	DISTURBED AREA STABILIZATION TEMPORARY	MULCHING OF WOOD WASTE OR BRUSHES, CHIPS, AND BARK AS TEMPORARY PROTECTION FOR DISTURBED AREAS. WOOD WASTE CAN BE USED ON SLOPES FLATTER THAN 1:1 WITHOUT ANCHORING AT DEPTH OF 2" TO 3" OR RATE OF 6 TO 9 TON/ACRE.
(Ds-2)	DISTURBED AREA STABILIZATION TEMPORARY	ANNUAL RYEGRASS 40 LBS/ACRE. FERTILIZE AT 500 LBS/ACRE. LIME RATE AT 50 LBS/1000 SF.
(Ds-3)	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.
(Ds-4)	DISTURBED AREA STABILIZATION PERMANENT (SOILING)	PERMANENT VEGETATIVE COVER USING SODS ON HIGHLY ERODED OR CRITICALLY ERODED LANDS.
(Du)	DUST CONTROL	CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS AND DEMOLITION SITES.
(Ch-1)	CHANNEL STABILIZATION (WRAP/BLANKET)	A WOVEN MESH USED IN DRAINAGE SWALES TO PREVENT EROSION AND SLOW WATER FLOW. FABRIC SHALL BE 1/2" TO 3/4" OPENING AND 12" TO 18" HIGH FOR CONSTRUCTION AND MINIMUM REQUIREMENT IS 270 GPM.
(Ss)	SLOPE STABILIZATION	RECS - LONG TERM BLANKET CONSISTING OF 100% CURLED WOOD BLANKET ON 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.
(Fl-C)	FLOCCULANTS	MANUFACTURER'S GUIDELINES FOR APPLICATION. ONLY ANIONIC FORM OF FCs SHALL BE USED.
(M)	MONITORING LOCATION	SAMPLING LOCATION TO MONITOR THE STORM WATER FOR TURBIDITY.



Order Plans @

CERTIFIED PERSON:
PATRICK HALLAHAN
LEVEL II CERTIFIED
DESIGN PROFESSIONAL
CERTIFICATION #
0000066587
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
Southern A&E	
7951 Tronon Circle Austell, Ga 30168 (770) 419-7777	R # Doc # Date 1 AD01 02/13/2020
architects & engineers	

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

PHASE I (FINAL) ES & PC PLAN

DRAWING NUMBER
C208



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