

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
STAND ALONE CONSTRUCTION PROJECTS

SWCD: LIMESTONE VALLEY

Project Name: HAMMOND CREEK MIDDLE SCHOOL
City/County: DALTON / WHITFIELD
Address: NORTH BYPASS, DALTON, GA
Date on Plan: 09/01/2018
Name & Email of person filling out checklist: Matthew Renault, mtr@jrbuckley.com

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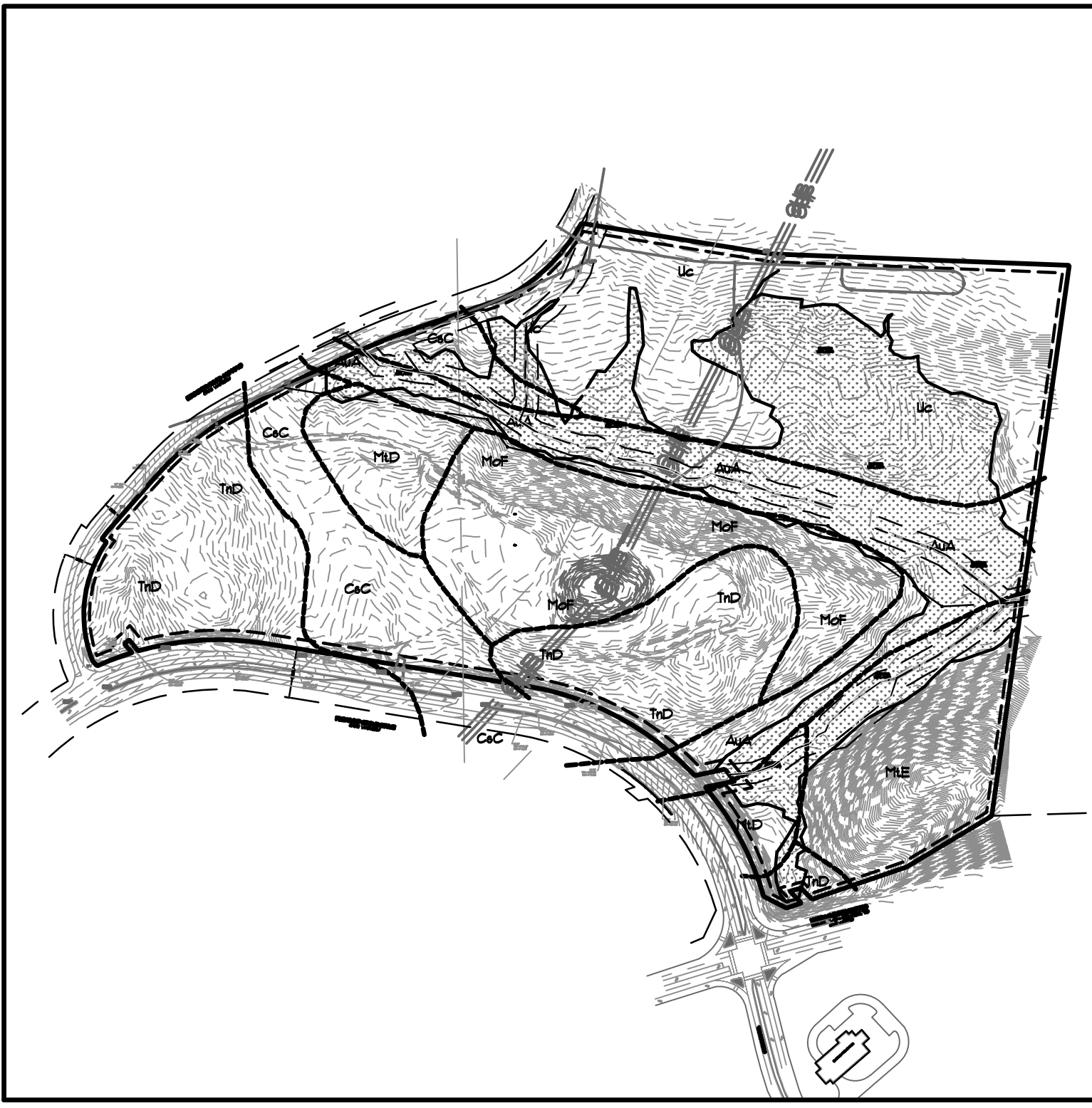
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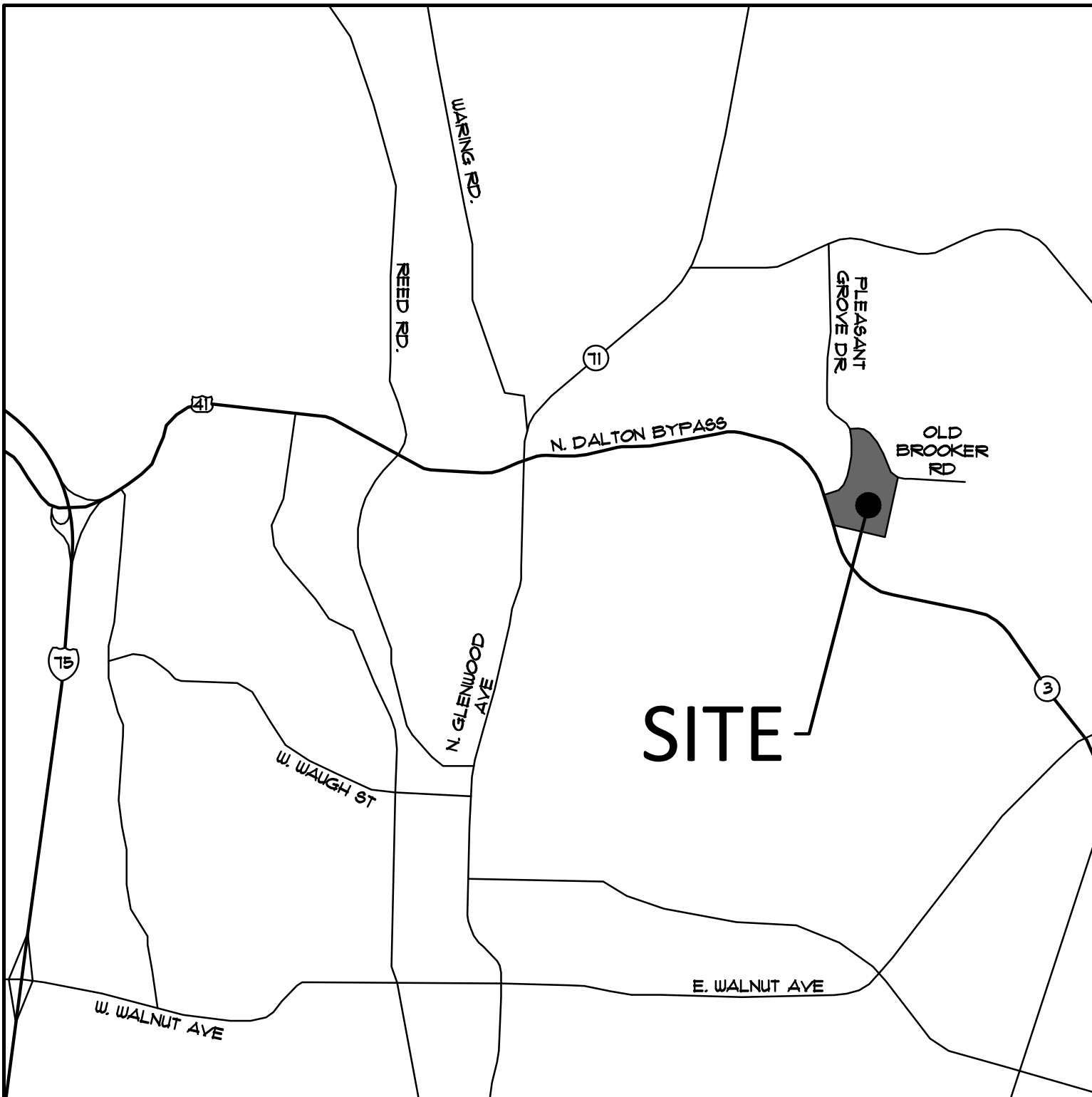
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SOILS INFORMATION:

AuA: ARKABULTA SILT LOAM, 0 TO 2% SLOPES, OCCASIONALLY FLOODED.
C&C: CONASAUGA SILT LOAM, 6 TO 10% SLOPES.
M&F: MONTEVALLO VERY CHANNERY LOAM, 30 TO 60% SLOPES.
MID: MONTEVALLO TOWNLEY COMPLEX, 6 TO 15% SLOPES.
MIE: MONTEVALLO TOWNLEY COMPLEX, 15 TO 30% SLOPES.
Td: TOWNLEY SILT LOAM, 6 TO 15% SLOPES.
Uc: ULTIC UDARENTS, CHANNERY



NOTE (ADD ESG ITEMS):

CONTRACTOR TO PROVIDE THE FOLLOWING MATERIALS IN ADDITION TO THOSE SPECIFIED ON THE DRAWINGS TO BE INSTALLED AS DIRECTED BY CIVIL ENGINEER FOR THE PROJECT. THIS ADDITIONAL MATERIAL SHALL NOT BE USED FOR GENERAL MAINTENANCE. AT LEAST 10% OF THE QUANTITY SHALL BE READILY AVAILABLE ON SITE. THE QUANTITIES TO BE SUPPLIED ARE AS FOLLOWS:

ITEM	SYMBOL	QUANTITY
TYPE S-SILT FENCE	Sd1-S	1500 LF
TYPE NS-SILT FENCE	Sd1-NS	500 LF
EROSION MAT (Ss)	Ss	2000 SYDS
TEMPORARY CONSTRUCTION EXIT	Co	75 TONS
TEMPORARY SEDIMENT TRAP (FILTER FABRIC)	Sd2_SS	10 EACH
TEMPORARY SEDIMENT TRAP (FILTER FABRIC)	Sd2_P	10 EACH
RIP RAP	St	20 TONS
18" PLASTIC DOWN DRAIN	Dn1	600 LF

SOIL EROSION CONTROL ACTIVITY SCHEDULE

ACTIVITY	MONTHS																														
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	
EROSION CONTROL IMPLEMENTATION																															
INSTALLATION OF SILT FENCE & CONSTRUCTION EXIT																															
INSTALLATION OF EXCAVATED S&d																															
TEMPORARY GRASSING (D&1, D&2)																															
DUST CONTROL																															
REMOVAL OF EXCAVATED S&d's																															
FINAL STABILIZATION (D&3), (D&4)																															
REMOVAL OF ALL TEMPORARY BMP's																															

NOTE: THIS IS A GENERAL CONSTRUCTION SCHEDULE FOR EROSION AND SEDIMENTATION CONTROL. CONTRACTOR SHALL CREATE A JOB SPECIFIC SCHEDULE.

ACTIVITY SCHEDULE:

STAGE 1:

- INSTALLATION OF CONSTRUCTION EXIT/ ENTRANCE
- INSTALLATION OF SILT FENCE AND OR PERIMETER CONTROLS.
- DUST CONTROL FOR DISTURBED AREAS.
- INSTALLATION OF TEMPORARY SEDIMENT PONDS.
- INSTALLATION OF TEMPORARY GRASSING (D&1, D&2) IN ALL DISTURBED AREAS.

STAGE 2:

- MAINTENANCE OF ALL BMP's FROM STAGE 1
- INSTALLATION OF ALL TEMPORARY GRASSING (D&1, D&2) BEYOND LIMITS SHOWN IN STAGE 1
- AND WITHIN NEW LIMITS SHOWN IN STAGE 2
- DUST CONTROL FOR DISTURBED AREAS.
- INSTALLATION OF S&D's.

STAGE 3:

- MAINTENANCE OF ALL BMP's FROM PREVIOUS TWO STAGES WITH THE EXCEPTION OF EXCAVATED S&D's WHICH ARE TO BE REMOVED.
- INSTALLATION OF FINAL GRASSING (D&3) (D&4).
- ALL STORMWATER PONDS TO BE CLEANED OF SEDIMENT AND GRADED TO FINAL ELEVATION.
- MAINTAIN AND CLEAN ALL OUTLET CONTROL DEVICES.
- ALL RIP RAP SHOULD BE CLEANED AND FREE OF SEDIMENT ONCE CONSTRUCTION IS COMPLETE.
- ALL TEMPORARY BMP'S ARE TO BE REMOVED ONCE FINAL STABILIZATION IS ACHIEVED.

GEORGIA UNIFORM CODING SYSTEM

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cd	CHECKDAM			A small temporary barrier or dam constructed across a gully, drainage ditch or area of concentrated flow.
Ch	CHANNEL STABILIZATION			Improving, constructing or stabilizing an open channel existing stream or ditch.
Co	CONSTRUCTION EXIT			A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.
Cr	CONSTRUCTION ROAD STABILIZATION			A gravelly constructed as part of a construction pit including access roads, subdivision roads, parking areas and other on-site vehicle transportation routes.
Dc	STREAM DIVERSION CHANNEL			A temporary channel constructed to convey flow around a construction site until a permanent structure is being constructed.
Di	DIVERSION			An earth channel or dike located above, below, or across a slope to divert runoff. This may be a temporary or permanent structure.
Dn1	TEMPORARY DOWNDRAIN STRUCTURE			A flexible conduit of heavy-duty fabric or other material designed to safely conduct surface runoff down a slope. This is temporary and inexpensive.
Dn2	PERMANENT DOWNDRAIN STRUCTURE			A paved chute, 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.
Ga	GABION			Rock filter baskets which are hand-placed into position forming soil stabilizing structures.
Gr	GRADE STABILIZATION STRUCTURE			Permanent structures installed to protect channels or outcrops where otherwise the slope would be sufficient for the running water to form gullies.
Lv	LEVEL SPREADER			A structure to convert concentrated flow of water into less erosive sheet flow. This should be constructed only on undisturbed soils.
Rd	ROCK FILTER DAM			A permanent or temporary stone filter dam installed across small streams or drainage ways.
Re	RETAINING WALL			A wall installed to stabilize cut and fill slopes where maximum permissible slopes are not obtainable. Each situation will require special design.
Rt	RETRO FITTING			A device or structure placed in front of a permanent stormwater detention pond outlet structure to serve as a temporary sediment filter.
Sd1	SEDIMENT BARRIER			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.
Sd2	INLET SEDIMENT TRAP			An impounding area created by excavating around a storm drain drop inlet. The excavated area will be filled and stabilized on completion of construction activities.
Sd3	TEMPORARY SEDIMENT BASIN			A basin created by excavation or a dam across a waterway. The surface water runoff is temporarily stored allowing the bulk of the sediment to drop out.
Sd4	TEMPORARY SEDIMENT TRAP			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 riser.
Sk	FLOATING SURFACE BARRIER			A buoyant device that releases/drains water from the surface of sediment ponds, traps, or basins at a controlled rate of flow.
Spb	SEEP BERM			A linear control device constructed as a diversion perpendicular to the direction of runoff to enhance dissipation and infiltration, while creating multiple sedimentation chambers with the employment of intermediate dikes.

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 --- 30
COOL SEASON GRASSES & LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 6-10-10 6-10-10	1500 1000 400	50-50 --- ---
TEMP. COVER CROPS	FIRST	10-10-10	500	30
WARM SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 800 400	50-100 50-100 30

GRADED RIP-RAP STONE					
FLOW VELOCITY (ft/sec)	N.S.A. #	SIZE INCHES (SQ. OPENING)			PARTICLE WEIGHT (lbs.)
		MAX	AVG	MIN	
2.5	R-1	1 1/2	3/4	NO. 2	
4.5	R-2	3	1 1/2	1	--
6.5	R-3	6	3	2	20
9.0	R-4	12	6	3	60
11.5	R-5	18	9	5	150
13.0	R-6	24	12	7	300
14.5	R-7	30	15	12	1000
--	R-8	48	24	15	1500

1. NATIONAL STONE ASSOCIATION

2. AT LEAST 50% OF ALL THE INDIVIDUAL STONE PARTICLES MUST WEIGH AT LEAST THE LISTED AMOUNT.

*1. NATIONAL STONE ASSOCIATION
*2. AT LEAST 50% OF ALL THE INDIVIDUAL STONE PARTICLES MUST WEIGH AT LEAST THE LISTED AMOUNT.

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Sr	TEMPORARY STREAM CROSSING			A temporary bridge or culvert-type structure protecting a stream or watercourse from damage by crossing construction equipment.
St	STORMDRAIN OUTLET PROTECTION			A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.
Su	SURFACE ROUGHENING			A rough soil surface with horizontal depressions on a contour or slopes left in a roughened condition after grading.
Tc	TURBIDITY CURTAIN			A floating or stacked barrier installed within the water (it may also be referred to as a floating boom, silt barrier, or silt curtain).
Tp	TOPSOILING			The practice of stripping off the more fertile soil, storing it, then spreading it over the disturbed area after completion of construction activities.
Tr	TREE PROTECTION			To protect desirable trees from injury during construction activity.
Wt	VEGETATED WATERWAY OR STORMWATER CONVEYANCE CHANNEL			Paved or vegetative water outlets for diversions, terraces, bays, dikes or similar structures.

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Bf	BUFFER ZONE			Strip of undisturbed original vegetation, enhanced or restored existing vegetation or the reestablishment of vegetation surrounding an area of disturbance or bordering streams.
Cs	COASTAL DUNE STABILIZATION (WITH VEGETATION)			Planting vegetation on dunes that are denuded, artificially constructed, or re-nourished.
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)			Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retarding cover.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)			Establishing a temporary vegetative cover with fast growing seedlings on disturbed areas.
Ds3	DISTURBED AREA STABILIZATION (WITH PERM SEEDING)			Establishing a permanent vegetative cover such as trees, shrubs, vines, grasses, or legumes on disturbed areas.
Ds4	DISTURBED AREA STABILIZATION (SEEDING)			A permanent vegetative cover using seeds on highly erodible or critically eroded lands.
Du	DUST CONTROL ON DISTURBED AREAS			Controlling surface and air movement of dust on construction site, roadways and similar sites.
Fl-Co	FLOCCULANTS AND COAGULANTS			Substance formulated to assist in the solid/liquid separation of suspended particles in solution.
Sb	STREAMBANK STABILIZATION (USING PERM VEGETATION)			The use of readily available native plant materials to maintain and enhance streambanks, or to prevent, or restore and repair small streambank erosion problems.
Ss	SLOPE STABILIZATION			A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or channels.
Tac	TACKIFIERS AND BINDERS			Substance used to anchor straw or hay mulch by causing the organic material to bind together.

G&BUCC (Amended - 2013)

GEORGIA
DALTON BOARD OF EDUCATION
SCHOOL CODE: 772-0380

HAMMOND CREEK MIDDLE SCHOOL

DALTON

JAMES W. BUCKLEY & ASSOCIATES INC. - ARCHITECTS, CIVIL ENGINEERS

SWANSEBORO, ALABAMA, FLORENCE, AND SAVANNAH

EROSION & SEDIMENTATION CONTROL NOTES

ISSUED FOR
BID
REVISED: 11/7/18
REVISED: 11/2/18

JAM
DRAWN BY
JUS
CHECKED BY
MLR
APPROVED BY
09/01/18
DATE
22317
PROJECT NO.
SHEET NUMBER

SE0.1

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