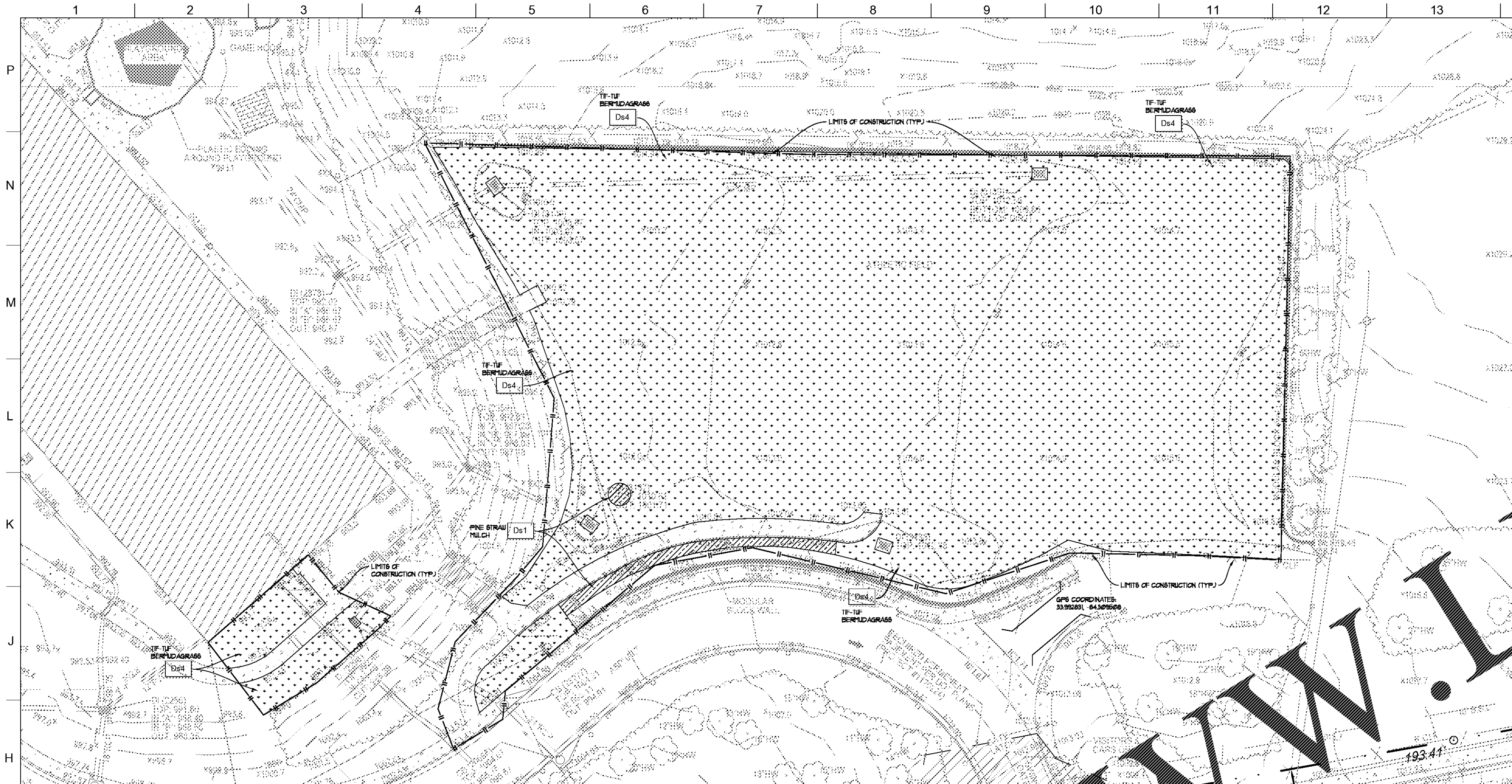

PROJECT AREA 1

PROJECT AREA 2

MULCHING APPLICATION (Ds1)

MATERIAL	RATE	DEPTH
STRAW OR HAY	2½ TON PER ACRE	6"-10"
WOOD WASTE, CHIPS, SAWDUST, BARK	6-9 TON PER ACRE	3"

SOD APPLICATION (Ds4)

GRASS	VARIETIES	RESOURCE AREA	GROWING SEASON
BERMUDA GRASS	COMMON TIFWAY TIFGREEN TIFLAWN	M-L,P,C P,C P,C P,C	WARM WEATHER
BAHIA GRASS	PENSACOLA	P,C	WARM WEATHER
CENTIPEDE		P,C	WARM WEATHER
ST. AUGUSTINE	COMMON BITTERBLUE RALEIGH	C C C	WARM WEATHER
ZOYSIA	EMERALD MYER	P,C P,C	WARM WEATHER
TALL FESCUE	KENTUCKY	M-L,P	COOL WEATHER

FERTILIZER REQUIREMENTS

SPECIES	PLANTING YEAR	FERTILIZER N-P-K	RATE LBS/AC	NITROGEN TOP DRESS
COOL SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 1000 400	50-100 - - 30
WARM SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 800 400	50-100 50-100 30

SOIL SURFACE APPLICATION

FERTILIZER TYPE	FERTILIZER RATE	SEASON
10-10-10	1000 LBS/AC 0.025 LBS/SF	FALL

CITY OF ROSWELL ES&PC NOTES

1) IF APPLICABLE, THE CONTRACTOR/OPERATOR/OWNER UPON FILING THE NOI AND NOT FOR THE STATE NPDES CONSTRUCTION GENERAL PERMIT SHALL SUBMIT COPIES OF THE NOI AND NOT TO THE CITY ENGINEER ALONG WITH A COPY OF THE CERTIFIED MAIL RECEIPT.
2) NOTICE IS HEREBY GIVEN THAT ALL EROSION AND SEDIMENT DEVICES AND PRACTICES MUST BE INSTALLED AND MAINTAINED AT ALL TIMES. NO FURTHER NOTICE WILL BE GIVEN. ANY SITE UPON WHICH THE LAND DEVELOPMENT INSPECTOR FINDS AN DEFICIENCY WILL BE SUBJECT TO AN IMMEDIATE ENFORCEMENT ACTION WITHOUT WARNING. ALL SEDIMENT CONTROL WILL BE MAINTAINED UNTIL ALL UPGRADIENT GROUND WITHIN THE CONSTRUCTION AREA HAS BEEN COMPLETELY STABILIZED WITH PERMANENT VEGETATION AND ALL ROADS/DRIVEWAYS HAVE BEEN PAVED.
3) PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHOULD BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE SHALL OCCUR WITHIN THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS. NO CLEARING BEYOND THE LIMITS OF DISTURBANCE SHOWN ON THE APPROVED PLANS SHALL BE ALLOWED.
4) NO LAND DISTURBING ACTIVITY OR SHORTAGE OF MATERIALS WITHIN ANY TREE SAVE AREA SHALL BE ALLOWED.
5) THE PROPERTY OWNER AND CONTRACTOR ALL EQUALLY RESPONSIBLE FOR ALL EROSION CONTROL ACTIVITIES.
6) ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS IN THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA AND APPLICABLE UPDATES THERETO ON THE GASWCC WEBSITE.
7) A CONSTRUCTION SITE COPY OF THE EROSION SEDIMENT AND/OR POLLUTION CONTROL PLAN MUST BE KEPT UP TO DATE. REVISIONS TO THE PLAN SHALL BE APPROVED BY THE CITY ENGINEER OR ASSIGNED PLAN REVIEWER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN QUALIFIED PROFESSIONAL ADVICE WHEN QUESTIONS ARISE CONCERNING DESIGN AND EFFECTIVENESS OF EROSION CONTROL DEVICES, NOT THE CITY OF ROSWELL.
8) EROSION CONTROL DEVICES THAT ARE INSTALLED AS DIRECTED BY THE LAND DEVELOPMENT INSPECTOR BUT NOT SHOWN ON THE APPROVED PLAN AND WHICH ALSO SUBSEQUENTLY FAIL ARE THE RESPONSIBILITY OF THE CONTRACTOR.
9) THE CONSTRUCTION EXIT(S) SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ON THE PUBLIC RIGHT-OF-WAY OR PRIVATE ROADS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH STONE, AS CONDITIONS DEMANDS, AND REPAIR AND/OR CLEAN-OUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLE ONTO PUBLIC/PRIVATE ROADWAY OR INTO STORM DRAIN MUST BE REMOVED.
10) TYPE C SILT FENCE FABRIC SHALL BE COMPRISED OF GA. DEPARTMENT OF TRANSPORTATION QUALIFIED PRODUCTS LIST (QPL) 36 FOR SILT FENCE FABRIC. TYPE 'A' SILT FENCE FABRIC AND CONSTRUCTION MAY BE ALLOWED WITH PRIOR WRITTEN APPROVAL FROM THE LAND DEVELOPMENT INSPECTOR.
11) SILT FENCES SHALL NOT BE PLACED IN STREAM BUFFERS, FLOOD PLAINS OR ACROSS AREAS OF CONCENTRATED FLOW. CHECK DAMS OR ROCK FILTER DAMS, AS APPROPRIATE ARE TO BE INSTALLED ACROSS AREAS OF CONCENTRATED FLOW.
12) TOP SOIL SHALL BE STOCKPILED AND USED TO DRESS FINAL GRADES.
13) BELOW ALL FILL SLOPES GREATER THAN 25% AND HIGHER THAN 10 FEET, A FLAT AREA LENGTH OF 10 FEET BETWEEN THE TOE OF THE SLOPE TO THE FENCE SHALL BE PROVIDED.
14) ALL OPEN DRAINAGE SWALES MUST BE GRASSED, AND RIPRAP MUST BE PLACED AS REQUIRED TO CONTROL EROSION. A MINIMUM OF 10 SQUARE YARDS OF 40 LB. STONE SHALL BE PLACED AT THE HEADWALLS OR FLUMES.
15) PLAN REVISIONS WHICH INVOLVE A HYDRAULIC COMPONENT MUST BE REVISED BY THE DESIGN ENGINEER AND APPROVED BY THE CITY ENGINEER.
16) WHENEVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED, PROTECTED AND SUPPLEMENTED. THE DISTURBED AREA AND THE DURATION OF EXPOSURE TO EROSIVE ELEMENTS SHALL BE KEPT TO A PRACTICABLE MINIMUM. DISTURBED SOIL SHALL BE STABILIZED AS QUICKLY AS PRACTICABLE. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
17) TEMPORARY VEGETATION AND/OR HEAVY MULCHING SHALL BE EMPLOYED TO PROTECT EXPOSED CRITICAL AREAS DURING DEVELOPMENT. IN NO CASE SHALL A CRITICAL AREA BE LEFT BARE FOR MORE THAN SEVEN (7) DAYS.
18) ALL TEMPORARY AND PERMANENT SEEDING MUST BE PERFORMED AT THE APPROPRIATE SEASON. RYEGRASS SHALL NOT BE USED IN ANY SEEDING MIXTURES CONTAINING PERENNIAL SPECIES DUE TO ITS ABILITY TO OUT COMPETE DESIRED SPECIES CHOSEN FOR PERMANENT PERENNIAL COVER.
19) ADDITIONAL PLANTINGS WILL BE NECESSARY IF A SUFFICIENT STAND OF GRASS FAILS TO GROW.
20) THE LAND DEVELOPMENT INSPECTOR WILL DETERMINE THE ADEQUATE COVER OF NEW PLANTINGS.
21) GRADING EQUIPMENT MUST CROSS FLOWING STREAMS BY MEANS OF BRIDGES OR CULVERTS EXCEPT WHEN SUCH METHODS AREA NOT FEASIBLE, PROVIDED, IN ANY CASE, THAT SUCH CROSSING IS KEPT TO A MINIMUM.
22) CONCENTRATED FLOW AREAS, ALL SLOPES STEEPER THAN 2.5:1 AND WITH A HEIGHT OF TEN FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFERS, SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKETS.
23) ALL SLOPES STEEPER THAN 3:1 SHALL RECEIVE SURFACE ROUGHENING TREATMENT OR BE STABILIZED WITH GDOT APPROVED EROSION CONTROL BLANKETS OR SOIL REINFORCEMENT MATTING. MOWED SLOPES SHALL NOT BE STEEPER THAN 3:1. ALL SLOPES MUST BE PROTECTED UNTIL A PERMANENT VEGETATIVE STAND IS ESTABLISHED.

FINAL EROSION CONTROL PHASE SUMMARY (35)

THE CONTRACTOR SHALL REMOVE ALL SILT FENCE AND PERMANENTLY STABILIZE ALL DISTURBED AREAS THAT ARE NOT IMPERVIOUS IN ACCORDANCE WITH SHEETS C-430 AND C-600.

REQUIRED NOTES

(14) The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation.

(15) 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.

(17) 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.

(18) Waste materials shall not be discharged to waters of the State, except as authorized by a section 404 permit.

(19) 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.

(20) 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.

(21) Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding.

ES&PC DESIGN PROFESSIONAL'S CERTIFICATION STATEMENT

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. (2) (12)

SIGNED: [signature] DATE: 09-20-2018

CERTIFIED DESIGN PROFESSIONAL: KATHRYN A. MEDINA
GSWCC CERTIFICATION NO. 0000080226
EXPIRATION DATE: 04-14-2020
BREEDLOVE LAND PLANNING, INC.

EROSION CONTROL NOTES

1. NOTIFY CITY/COUNTY INSPECTORS 24 HOURS BEFORE BEGINNING OF EVERY CONSTRUCTION PHASE.

2. ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED BY FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.

3. THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES AND CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUNDCOVER IS ESTABLISHED.

4. ALL SEDIMENT BARRIERS SHALL BE INSTALLED PRIOR TO ANY GRADING.

5. SEDIMENT BARRIER DEVICES SHALL BE INSPECTED AND REPAIRED OF DAMAGE DAILY. ANY ACCUMULATED SEDIMENT SHALL BE REMOVED AND SPREAD ON SITE.

6. ALL DISTURBED AREAS SHALL BE GRASSED AS SOON AS CONSTRUCTION PHASE PERMITS.

7. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION OR AS REQUIRED BY COUNTY.

8. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OF PERMANENT, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

9. ANY DISCREPANCY BETWEEN THIS SHEET AND OTHERS IN THIS SET SHALL BE REFERRED TO THE ARCHITECT BY THE CONTRACTOR FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.

10. SEDIMENT STORAGE LEVEL MARKERS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME.

11. MAXIMUM CUT OR FILL SLOPE IS (2:1) 2' HORIZONTAL TO 1' VERTICAL.

12. CONTRACTOR SHALL PROVIDE TEMPORARY DOWN DRAINS ON FILL SLOPES TO PREVENT EROSION PRIOR TO STABILIZATION.

13. CONTRACTOR SHALL REMOVE ACCUMULATED SEDIMENT FROM DETENTION BASIN AT END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN FULLY STABILIZED.

24-HOUR CONTACT (4)

Doug Carey
Fulton County Schools
careyd@fultonschools.org
404-391-2975

PROJECT CONTACTS

DEVELOPER/OWNER:
OPERATIONS CENTER
6201 POWERS FERRY RD,
ATLANTA, GA 30339
CONTACT: DOUG CAREY
PHONE: (404) 391-2975

LANDSCAPE ARCHITECT/SITE PLANNER:
BREEDLOVE LAND PLANNING, INC.
15 SIMPSON ST NW
ATLANTA, GA 30308
CONTACT: CHIP BROWN
EMAIL: CBROWN@LANDPLANNING.NET
PHONE: (678) 210-2245

EROSION CONTROL GENERAL NOTES

1. NOTIFY CITY/COUNTY INSPECTORS 24 HOURS BEFORE BEGINNING OF EVERY CONSTRUCTION PHASE.
2. ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED BY FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
3. THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES AND CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUNDCOVER IS ESTABLISHED.
4. ALL SEDIMENT BARRIERS SHALL BE INSTALLED PRIOR TO ANY GRADING.
5. SEDIMENT BARRIER DEVICES SHALL BE INSPECTED AND REPAIRED OF DAMAGE DAILY. ANY ACCUMULATED SEDIMENT SHALL BE REMOVED AND SPREAD ON SITE.
6. ALL DISTURBED AREAS SHALL BE GRASSED AS SOON AS CONSTRUCTION PHASE PERMITS.
7. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION OR AS REQUIRED BY COUNTY.
8. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OF PERMANENT, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
9. ANY DISCREPANCY BETWEEN THIS SHEET AND OTHERS IN THIS SET SHALL BE REFERRED TO THE ARCHITECT BY THE CONTRACTOR FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
10. SEDIMENT STORAGE LEVEL MARKERS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME.
11. MAXIMUM CUT OR FILL SLOPE IS (2:1) 2' HORIZONTAL TO 1' VERTICAL.
12. CONTRACTOR SHALL PROVIDE TEMPORARY DOWN DRAINS ON FILL SLOPES TO PREVENT EROSION PRIOR TO STABILIZATION.
13. CONTRACTOR SHALL REMOVE ACCUMULATED SEDIMENT FROM DETENTION BASIN AT END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN FULLY STABILIZED.
14. 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.
15. 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.
16. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

GEORGIA UNIFORM CODING SYSTEM

FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES
GEORGIA SOIL AND WATER CONSERVATION COMMISSION

STRUCTURAL PRACTICES

CODE	PRACTICE	MAP SYMBOL
Cd	CHECKDAM	
Ch	CHANNEL STABILIZATION	
Co	CONSTRUCTION EXIT	
Cr	CONSTRUCTION ROAD STABILIZATION	
Dc	STREAM DIVERSION CHANNEL	
Di	DIVERSION	
Dn1	TEMPORARY DOWNDRAIN STRUCTURE	
Dn2	PERMANENT DOWNDRAIN STRUCTURE	
Fr	FILTER RING	
Ga	GABION	
Gr	GRADE STABILIZATION STRUCTURE	
Lv	LEVEL SPREADER	
Rd	ROCK FILTER DAM	
Re	RETAINING WALL	
Rt	RETRO FITTING	
Sd1	SEDIMENT BARRIER	
Sd2	INLET SEDIMENT TRAP	
Sd3	TEMPORARY SEDIMENT BASIN	
Sd4	TEMPORARY SEDIMENT TRAP	
Sk	FLOATING SURFACE SKIMMER	
Spb	SEEP BERM	

CODE	PRACTICE	MAP SYMBOL
Sr	TEMPORARY STREAM CROSSING	
St	STORMDRAIN OUTLET PROTECTION	
Su	SURFACE ROUGHENING	
Tc	TURBIDITY CURTAIN	
Tp	TOPSOILING	
Tr	TREE PROTECTION	
Wt	VEGETATED WATERWAY OR STORMWATER CONVEYANCE CHANNEL	

VEGETATIVE PRACTICES

CODE	PRACTICE	MAP SYMBOL
Bf	BUFFER ZONE	
Cs	COASTAL DUNE STABILIZATION (WITH VEGETATION)	Cs
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)	Ds1
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)	Ds2
Ds3	DISTURBED AREA STABILIZATION (WITH PERM SEEDING)	Ds3
Ds4	DISTURBED AREA STABILIZATION (SODDING)	Ds4
Du	DUST CONTROL ON DISTURBED AREAS	Du
Fl-Co	FLOCCULANTS AND COAGULANTS	Fl-Co
Sb	STREAMBANK STABILIZATION (USING PERM VEGETATION)	Sb
Ss	SLOPE STABILIZATION	Ss
Tac	TACKIFIERS AND BINDERS	Tac

BREEDLOVE LAND PLANNING
Landscape Architects • Civil Engineers
www.landplanning.net

SCALE: 1"=20'-0"

DO NOT DUPLICATE DRAWINGS WITHOUT PERMISSION

CAUTION

THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE LANDSCAPE ARCHITECT ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF UTILITIES WITHIN THE LIMITS OF THE WORK. DAMAGE TO EXISTING UTILITIES BY THE CONTRACTOR, FROM HIS/HER OPERATIONS, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

811 Know what's below. Call before you dig.

UTILITIES PROTECTION CENTER
THROUGHOUT GEORGIA
811 OR 1-800-282-7411
WWW.GEORGIA811.COM
THREE WORKING DAYS BEFORE YOU DIG

GEORGIA REGISTERED No. LA001770 PROFESSIONAL LANDSCAPE ARCHITECT KATHRYN ANNE MEDINA

CDH
6750 ... Road
..., GA 30060-6950
770.423....
www.cdhpartners.com
COPYRIGHT © 20.. CDH PARTNERS, INC. All rights reserved.

FULTON COUNTY SCHOOL SYSTEM

RIVER EVES ELEMENTARY SCHOOL - RENOVATIONS

9000 EVES RD
ROSWELL, GA 30076

PROJECT NO:

50% CD'S	08/07/2018
PERMIT SET	09/20/2018
95% CD'S	11/08/2018
LDP RESUBMITTAL	11/19/2018
BID SET	12/03/2018

GEORGIA REGISTERED No. 1062 PROFESSIONAL LANDSCAPE ARCHITECT HUGH D. BROWN, JR.

CONTRACT DOCUMENT ISSUED FOR CONSTRUCTION

SHEET TITLE
SITE ES&PC FINAL PHASE PLANS

SHEET NUMBER
C320

Order Plans @ www.LDPLine.com