GSWCC REQUIRED NOTES

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.

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.

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.

WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

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.

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.

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

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SPILL PREVENTION & CONTROL

- LOCAL, STATE & MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED & PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL.
- MATERIAL & EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREAS. TYPICAL MATERIALS & EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, BROOMS DISTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST & PROPERLY LABELED PLASTIC & METAL WASTE CONTAINERS.
- SPILL PREVENTION PRACTICES & PROCEDURES WILL BE REVIEWED AFTER A SPILL & ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.
- ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRES BY LOCAL, STATE & FEDERAL REGULATIONS.
- FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675.
- FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675.
- FOR SPILLS GREATER THAN 25 GALLONS & NO SURFACE WATER IMPACTS OCCUR, THE GEORGIA E.P.D. WILL BE CONTACTED WITHIN 24 HOURS.
- FOR SPILLS LESS THAN 25 GALLONS & NO SURFACE WATER IMPACTS OCCUR, THE SPILL WILL BE CLEANED UP & LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.

THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1320 GALLONS OF PETROLEUM IS STORED ONSITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT & COUNTERMEASURES PLAN PREPARED BY THE LICENSED PROFESSIONAL.

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GEORGIA UNIFORM CODING SYSTEM FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

STRUCTURAL PRACTICES

CODE	PRACTICE	MAP SYMBOL	CODE	PRACTICE	MAP SYMBOL	CODE	PRACTICE	MAP SYMBOL
Cd	CHECKDAM		Gr	GRADE STABILIZATION STRUCTURE		Spb	SEEP BERM	
Ch	CHANNEL STABILIZATION		Lv	LEVEL SPREADER		Sr	TEMPORARY STREAM CROSSING	
Co	CONSTRUCTION EXIT		Rd	ROCK FILTER DAM		St	STORMDRAIN OUTLET PROTECTION	
Cr	CONSTRUCTION ROAD STABILIZATION		Re	RETAINING WALL		Su	SURFACE ROUGHENING	
Dc	STREAM DIVERSION CHANNEL		Rt	RETRO FITTING		Tc	TURBIDITY CURTAIN	
Di	DIVERSION		Sd1	SEDIMENT BARRIER	(INDICATE TYPE)	Tp	TOPSOILING	(SHOW STRIPPING AND STORAGE AREAS)
Dn1	TEMPORARY DOWNDRAIN STRUCTURE		Sd2	INLET SEDIMENT TRAP		Tr	TREE PROTECTION	(DENOTE TREE CENTERS)
Dn2	PERMANENT DOWNDRAIN STRUCTURE		Sd3	TEMPORARY SEDIMENT BASIN		Wt	VEGETATED WATERWAY OR STORMWATER CONVEYANCE CHANNEL	
Fr	FILTER RING		Sd4	TEMPORARY SEDIMENT TRAP				
Ga	GABION		Sk	FLOATING SURFACE SKIMMER				

VEGETATIVE PRACTICES

CODE	PRACTICE	MAP SYMBOL
Bf	BUFFER ZONE	Bf
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

NOTE: SEE C441 FOR Sd3, ST, & Sd2-E CALCS

POST CONSTRUCTION STORMWATER NARRATIVE

26 27

CONSTRUCTION OF THE PROPOSED ARTIFICIAL TURF FIELDS AND CONCRETE SIDEWALKS OVER THE EXISTING GRASSED SITE WILL YIELD AN INCREASE IN STORMWATER FLOWS AND POLLUTANTS IN THE POST-DEVELOPED STATE. STORMWATER MANAGEMENT HAS ALREADY BEEN PROVIDED IN PREVIOUS DEVELOPMENT OF STONE CREST MALL. THE ARTIFICIAL TURF FIELD WILL HAVE A 6" STONE LAYER UNDERNEATH ALONG WITH AN UNDER DRAIN SYSTEM THAT WILL PROMOTE GROUND WATER RECHARGE AND REDUCE STORMWATER RUNOFF PEAK FLOW AND VOLUME.

FINAL PHASE EROSION CONTROL SUMMARY

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MAINTAIN ALL BMPs INSTALLED DURING PRIOR PHASES AS REQUIRED. UPON INSTALLATION OF ARTIFICIAL TURF FIELDS AND SIDEWALKS. ALL AREA DRAINS SHALL BE PROTECTED WITH Sd2-Ss OR Sd2P's AS SHOWN. ALL AREAS SHALL BE STABILIZED WITH EITHER HARDSCAPING, SOD (Ds4), or GRASS FROM SEED (Ds3) AS SHOWN ON THE PLANS.

ALL PERVIOUS AREAS OF DISTURBANCE NOT SHOWN TO BE SODDED SHALL BE PREPPED PER TECHNICAL SPECS AND SEEDED WITH BERMUDA GRASS. (Ds3) FINAL STABILIZATION SHALL MEAN MIN. 70% DENSITY WITH 100% COVERAGE.

WHEN FINAL STABILIZATION HAS BEEN ACHIEVED IN ACCORDANCE WITH THE NPDES PERMIT AND THE CONTRACT DOCUMENTS, THE N.O.T. SHALL BE FILED AND ALL REMAINING TEMPORARY BMPS REMOVED.

PERMANENT STABILIZATION LEGEND

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- Ds1 — PERMANENT MULCH STABILIZATION
- Ds3 — HYDROSEED WITH BERMUDA
- Ds4 — TIFWAY 419 BERMUDA SOD

VEGETATIVE DETAILS

REFER TO SHEET C440 & C441.

DISTURBANCE SUMMARY

PROJECT (PROPERTY) AREA: 87.15 ACRES
INTERMEDIATE PHASE
ONSITE DISTURBANCE: 27.20 ACRES
% OF PROJECT AREA: 31.20%
ZINGARA R/W DISTURBANCE: 0.50 ACRES
TOTAL DISTURBANCE: 27.70 ACRES
(EXCLUDES DAM BREACH WORK)

HYDROSEEDING NOTE

ALL LAWN AREAS SHALL BE SEEDED WITH KENTUCKY 31 FESCUE (TEMPORARY) OR HULLED BERMUDA (PERMANENT). APPLY FESCUE AT THE RATE OF FIVE (5) POUNDS PER ONE THOUSAND (1000) SQUARE FEET OR APPLY BERMUDA AT THE RATE OF TWO (2) POUNDS PER ONE THOUSAND (1000) SQUARE FEET. ALL DESIGNATED AREAS SHALL BE PLANTED WITH A HYRO-SEEDER AFTER AREAS HAVE BEEN PREPARED FOR SEEDING UNLESS PLANS SHOW OTHERWISE. HYDROMULCH 1000 (OR APPROVED EQUAL), AS MANUFACTURED BY PROFILE PRODUCTS CO. SHALL BE APPLIED AT THE RATE OF ONE THOUSAND FIVE HUNDRED (1500) POUNDS PER ACRE ON FLAT SURFACES, TWO THOUSAND (2000) POUNDS PER ACRE ON SLOPES UP TO (3:1) 3' HORIZONTAL TO 1' VERTICAL, AND TWO THOUSAND FIVE HUNDRED (2500) POUNDS PER ACRE ON SLOPES GREATER THAN 3H TO 1V. APPLY SEED FERTILIZER, LIME, AND FIBER IN ONE OPERATION. EXISTING TREES AND SHRUBS IN HYDRO-SEEDED AREA SHALL BE PROTECTED DURING HYDROSEEDING.

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: _______ DATE: 08-06-2019
MICHAEL W. BREEDLOVE
CERTIFIED DESIGN PROFESSIONAL: LEVEL II DESIGNER
GSWCC CERTIFICATION NO. 0000002363
EXPIRATION DATE: 12-10-2020
BREEDLOVE LAND PLANNING, INC.

24-HR CONTACT INFORMATION

4

BRUCE STUART
OWNER/PRIMARY PERMITTEE
ROCKDALE CO. PUBLIC SCHOOLS
678-873-7942

BREEDLOVE LAND PLANNING
Landscape Architects • Civil Engineers
www.landplanning.net
BLP JOB# 18151

SCALE: 1"=80'-0" (40 20 0 40 80 160 240)

DO NOT DUPLICATE DRAWINGS WITHOUT WRITTEN PERMISSION

CAUTION

THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE DESIGN PROFESSIONAL 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.

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CONTRACTOR SHALL BE RESPONSIBLE TO SECURE THE SERVICES OF A PRIVATE UTILITY LOCATOR FIRM DURING THE ENTIRE COURSE OF CONSTRUCTION. CONTRACTOR SHALL PAY FOR SAID SERVICES. CONTRACTOR SHALL IMMEDIATELY REPAIR ALL UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES, AT NO ADDITIONAL COST TO THE OWNER.

CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL OF ALL UTILITY TRENCHES WITHIN SITE WORK LIMITS. THIS INCLUDES TRENCHES DUG AND BACKFILLED BY LOCAL UTILITIES, SUCH AS POWER, GAS, TELEPHONE, ETC. CONTRACTOR SHALL PROVIDE ADDITIONAL BACKFILL AND COMPACTION AS NECESSARY, IF SETTLEMENT OCCURS.

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Smallwood, Reynolds, Stewart, Stewart & Associates, Inc. Architects
One Piedmont Center, Suite 303 3565 Piedmont Road Atlanta, Georgia 30305

REVISIONS / PRINTED

REV. NO.	DATE	REMARKS
1	04/05/19	GDOE PRELIMINARY
2	08/05/19	SITE PACKAGE
3	08/16/19	GDOE CHECK SET

PROJECT SUMMARY
NAME: JH HOUSE ELEMENTARY SCHOOL
GRADES: PRE-K THRU 5TH
F.T.E.: 800
G.D.O.E. #: TO BE ASSIGNED

BUILDING AREA

LEVEL 01	71,152 SF
LEVEL 02	37,379 SF
TOTAL	108,531 SF

COVERED AREAS (I.E. CANOPIES)

COVERED AREAS	5,186 SF
DIVIDE (÷) BY 2	÷2
TOTAL	2,593 SF

INSTRUCTIONAL UNITS

REGULAR CLASSROOMS	45
PAIRED FLEX AREAS	2
MUSIC	1
PHYSICAL EDUCATION	1
MEDIA CENTER	1
ART	1
TOTAL	51

RCPS

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FINAL ES&PC PLAN

J.H. HOUSE ELEMENTARY SCHOOL
3100 Zingara Road NE, Conyers, GA 30012

DATE

JOB NO. **218036.00**

SHEET NO. **C430**

ISSUED FOR CONSTRUCTION