EROSION CONTROL NARRATIVE

THE TOTAL PROJECT AREA IS 48.81 ACRES.

PHASE 8 CONSTRUCTION AS SHOWN ON C480 THROUGH C482 CONSISTS OF A MAXIMUM OF 3.15 ACRES OF DISTURBANCE WHICH EQUALS 7.1% OF THE TOTAL SITE.

PHASE 8 INTERMEDIATE PHASE TRANSITIONS FROM THE INITIAL MEASURES INTO CONSTRUCTION OF NEW STORM SYSTEMS AND THE DETENTION VAULTS. THE INITIAL BMP MEASURES SHOULD BE MAINTAINED UNTIL INTERMEDIATE (OR FINAL) BMPS ALLOW THEM TO BE REMOVED.

DURING THE INTERMEDIATE PHASE, INLET SEDIMENT TRAPS (SD2s) WILL BE UTILIZED TO PROVIDE SEDIMENT STORAGE THROUGHOUT THE SITE. THE CONCRETE VAULT WILL BE A LAST LINE OF DEFENSE BUT IS NOT INTENDED TO PROVIDE SEDIMENT STORAGE. THE SD4 DOWNSTREAM OF THE VAULT SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE VAULT CONSTRUCTION IS COMPLETE.

ALL AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE TO MINIMIZE DISTURBED AREAS. REFER TO SHEET C482 FOR FINAL STABILIZE REQUIREMENTS.

(35) (47) (48)

GENERAL EROSION 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 AS/OR 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 1/2 FULL VOLUME.
11. MAXIMUM CUT OR FILL SLOPE (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.

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.

(14) (15) (17) (18) (19) (20) (21)

GSWCC LEVEL 2 CERTIFICATIONS

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.

I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL)% PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001.

SIGNED: [signature] DATE: 11-01-2018

CERTIFIED DESIGN PROFESSIONAL: KYLE WEBB
GSWCC CERTIFICATION NO. LEVEL II # 0000072917
EXPIRATION DATE: 12-13-2020
COMPANY: BREEDLOVE LAND PLANNING, INC.

(2) (12) (13)

POST CONSTRUCTION S.W.M.

PHASE 8 WORK WILL OCCUR PRIMARILY WITH BASINS 2 AND 3 AS IDENTIFIED IN THE PROJECT STORMWATER MANAGEMENT REPORT.

BASIN 2 IS THE CENTRAL PORTION OF THE SITE. DURING CONSTRUCTION OF THE VISITORS BLEACHERS, A NEW CONCRETE VAULT WILL BE PROVIDED TO DETAIN PEAK FLOWS IN ACCORDANCE WITH THE SANDY SPRINGS REQUIREMENTS. UPSTREAM OF THIS SYSTEM, WATER QUALITY TREATMENT WILL BE PROVIDED WITH CRYSTAL STREAM CRYSTAL CLEAN WATER QUALITY UNITS. TWO (2) WILL BE INSTALLED UPSTREAM OF THE NEW VAULT, AND TWO (2) WERE PREVIOUSLY INSTALLED AT THE UPPER LEVEL OF THE HOME BLEACHERS WITH PHASE 2 CONSTRUCTION. THESE ARE PART OF THE OVERALL SITE WATER QUALITY ASSESSMENT TO PROVIDE A TOTAL OF 80% TSS REMOVAL FOR THE SITE.

BASIN 3 IS THE WEST PORTION OF THIS AREA AND INCLUDES THE EXISTING ABOVE-GROUND POND. THE POND IS BEING MODIFIED FOR IRRIGATION STORAGE PURPOSES, BUT THIS WILL ALSO PROVIDE AN EXTENDED WET DETENTION POND ONCE CONSTRUCTION IS COMPLETE. IN ADDITION TO THE WET STORAGE, CRYSTAL STREAM UNITS WERE INSTALLED WITH PHASE 1 AT SELECT LOCATIONS UPSTREAM OF THE POND TO PROVIDE A TOTAL OF 80% TSS REMOVAL FOR THE SITE.

(26) (27)

NOTE: CONTRACTOR'S ONSITE REPRESENTATIVE SHALL HAVE A CURRENT GSWCC LEVEL 1A CERTIFICATION AND SHALL BE REQUIRED TO ATTEND THE ONSITE, PRE-CONSTRUCTION MEETING

REFER TO SHEET C401 FOR UNIFORM CODING SYSTEM

REFER TO SHEET C400/C401 FOR EROSION CONTROL GENERAL NOTES

REFER TO C100 FOR NPDES SAMPLING LOCATIONS

24-HR CONTACT INFORMATION

CHAD A. WORD
FULTON COUNTY SCHOOLS
OWNER'S REPRESENTATIVE
470-254-3355
(4)

SCALE: 1"=40'-0"

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.

CHAPMAN GRIFFIN LANIER SUSSENBACH ARCHITECTS
400 Galleria Pkwy . Suite 100 . Atlanta, Ga 30339 . Phone: 404.733.5493
Architecture Planning Facilitation Design
CGLS ARCHITECTS

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RELEASED FOR CONSTRUCTION

CONSULTANT
BREEDLOVE LAND PLANNING
Landscape Architects • Civil Engineers
www.landplanning.net
BLP PROJECT # 18032

SEAL
GEORGIA REGISTERED No. PE035701 PROFESSIONAL ENGINEER KYLE WATSON WEBB
11/01/2018

DATE	NO.	DESCRIPTION
03/28/18		GDOE PRELIMINARY SUBMITTAL / DESIGN DEVELOPMENT
06/19/18		50% CONSTRUCTION DOCUMENTS
09/17/18		GDOE CHECK SET/ PERMIT SET
10/10/18		FINAL GDOE SUBMITTAL
11/01/18		ISSUED FOR PROPOSALS

DOE FACILITY CODE 660 -3066
RIVERWOOD HIGH SCHOOL - PHASE 3-8
AUDITORIUM/GYMNASIUM ADDITION
5900 RAIDER DRIVE NW SANDY SPRINGS, GA 30328
FULTON COUNTY SCHOOLS RFP NO. 411-19

SHEET TITLE
ES&PC PHASE 8 - INTERMEDIATE PHASE

PROJECT NO. 16015.02

DATE: 09.17.18

DRAWN BY: KWW
CHECKED BY: HOB

SHEET NO.
C-481

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