

BEFORE YOU DIG UTILITIES PROTECTION CENTER

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KNOW WHATS BELOW
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THREE WORKING DAYS BEFORE YOU DIG

GRADING PHASE NOTES

- THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE PRELIMINARY GRADING PHASE OF CONSTRUCTION.
- DURING CONSTRUCTION CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO ENSURE THAT LAND STRIPPED OF ITS NATURAL GROUND COVER IS EXPOSED ONLY IN SMALL QUANTITIES AND THEREFORE LIMITED DURATIONS, BEFORE PERMANENT EROSION PROTECTION IS ESTABLISHED. NOTE SUB PHASES SHOWN ON PLANS. IN AREAS SHOWN ON PLAN WHERE INITIAL GRADING ACTIVITIES WILL NOT OCCUR.
- EARTHWORK OPERATIONS IN THE VICINITY OF STREAM BUFFERS SHALL BE CAREFULLY CONTROLLED TO AVOID DUMPING OR SLOUGHING INTO THE BUFFER AREAS.
- SEDIMENT SHALL NOT BE WASHED INTO INLETS. IT SHALL BE REMOVED FROM THE SEDIMENT TRAPS AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLETS AGAIN.
- EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE DESIGN PROFESSIONAL IMMEDIATELY.
- THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES WHILE ROADWAY FRONTAGE IMPROVEMENTS ARE BEING MADE.
- TYPE "A" SILT FENCE SHOULD BE INSTALLED AT THE TOE OF ALL FILL SLOPES 10 FEET OR GREATER IN HEIGHT. THE SILT FENCE SHOULD BE PLACED IN ACCORDANCE WITH THE MANUAL FOR EROSION CONTROL IN GEORGIA, TABLE 6-20.2. THE SILT FENCE SHALL BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED ON THE SLOPE. SILT FENCE SHALL BE REMOVED WHEN PERMANENT GROUND COVER IS ESTABLISHED ON THE SLOPE. ADDITIONALLY, DIVERSION DIKES SHALL BE CONSTRUCTED ALONG THE TOP OF ALL SAID FILL SLOPES WITH THE USE OF TEMPORARY DOWN DRAINS TO CONTROL STORMWATER RUN OFF AS SHOWN ON THE PLANS. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING BARRIERS AT THE TOE OF SLOPES UNDER CONSTRUCTION. THESE BARRIERS SHALL BE AS SHOWN IN THE PLANS. THESE BARRIERS MAY UNDER CONSTRUCTION BE RELOCATED AND REUSED AFTER PERMANENT SLOPE STABILIZATION BECOMES FULLY ESTABLISHED. AS THEY ARE RELOCATED, ANY DEFECTIVE MATERIALS IN THE BARRIER SHALL BE REPLACED. IN ADDITION, ALL DEBRIS AND SILT AT THE PREVIOUS LOCATION SHALL BE REMOVED.
- CUT AND FILL SLOPES ARE NOT TO EXCEED 2:1H:1V.
- THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE PRELIMINARY GRADING PHASE OF CONSTRUCTION:
 - TYPE "A" SILT FENCE SHALL BE PLACED AT THE TOE OF ALL DIRT STOCK PILE AREAS. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
 - INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL STORM STRUCTURES AS THEY ARE CONSTRUCTED. SEE PLAN VIEW FOR SPECIFIC TYPE AND SEPARATE DETAILS FOR ADDITIONAL INFORMATION ON TYPE OF INLET PROTECTION SPECIFIED.
 - STORM DRAIN OUTLET PROTECTION SHALL BE PLACED AT ALL OUTLET HEADWALLS AS SOON AS THE HEADWALL IS CONSTRUCTED. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
 - STONE CHECK DAMS SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS AS SHOWN ON THE PLAN. SEE SEPARATE DETAIL FOR ADDITIONAL INFORMATION.
 - ALL DRAINAGE SWALES AND GRADE AREAS SHALL BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED.
 - MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE.
 - ALL DISTURBED AREAS LEFT MULCHED AFTER 14 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASSING.
 - AFTER PRELIMINARY GRADING ACTIVITIES, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT BASINS AND DIVERSION DIKES AS SHOWN ON PLAN. THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT POND UNTIL PERMANENT GROUND COVER IS ESTABLISHED. SEDIMENT SHALL BE CLEANED OUT OF THE POND WHEN IT REACHES THE 1/3 DEPTH OF BASIN. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
 - SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.
 - THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1"-2" OF STONE. AS CONDITIONS DEMAND, ALL MATERIALS SPILLED DROPPED, WASHED, OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.
 - CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
 - 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 AS DIRECTED BY THE ON-SITE INSPECTOR OR THE CIVIL ENGINEER.
 - FAILURE TO INSTALL, OPERATE RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.
 - THE SITE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION CONTROL MEASURES INCLUDING REPLACING OR REPAIRING ANY DAMAGED DEVICES DUE TO ANY CONSTRUCTION ACTIVITY BY OTHERS.

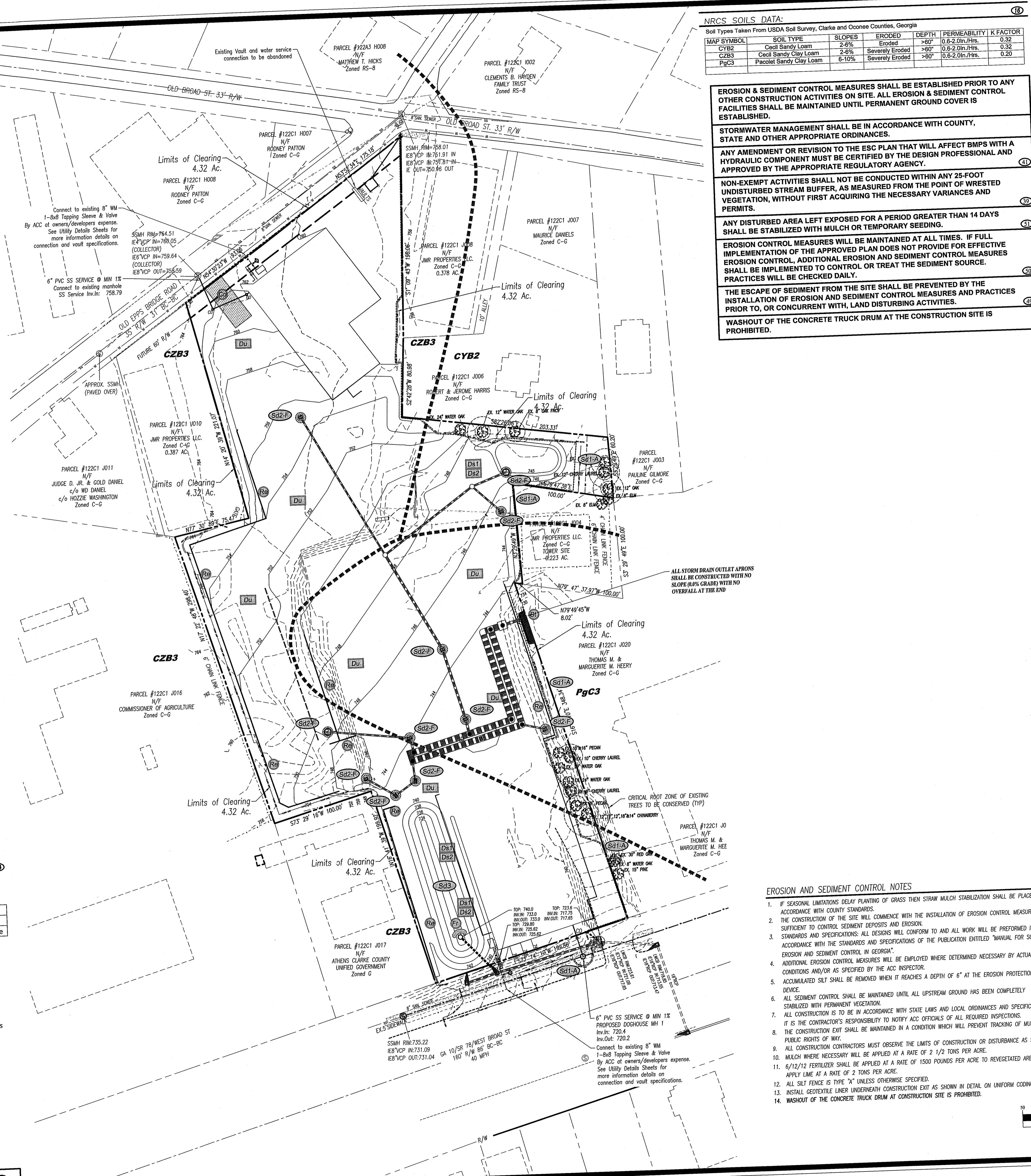
**Phase 2
Silt Fence And Total Bmp Storage Capacities**

1,267.72	LF of SD-1 Silt Fence	2	Height of SD-1
94	Silt Storage Volume (cu yd)	1	Clean Out Level
		4	Distance to Catch Line

*Assumptions: Placed on an average 4:1 slope

Total BMP Storage Capacities

Cubic Yards	Acres within "Limit of Clearing And Grading Line"
4.32	Storage Capacity Needed (67 cu yd/ac)
289.44	Storage Capacity Provided from Silt Fence
94	Storage Capacity Provided from Temporary Sediment Ponds
151	Storage Capacity Provided from SD2Fs
153	Storage Capacity Provided from SD2Fs
108	Excess Storage Capacity Provided by BMPs



NRCS SOILS DATA:
Soil Types Taken From USDA Soil Survey, Clarke and Oconee Counties, Georgia

MAP SYMBOL	SOIL TYPE	SLOPES	ERODED	DEPTH	PERMEABILITY	K FACTOR
CYB2	Coal Sandy Loam	2-6%	Eroded	>60"	0.6-2.0 in./Hrs.	0.32
CZB3	Coal Sandy Clay Loam	2-6%	Severely Eroded	>60"	0.6-2.0 in./Hrs.	0.32
PgC3	Pacolet Sandy Clay Loam	6-10%	Severely Eroded	>60"	0.6-2.0 in./Hrs.	0.20

EROSION & SEDIMENT CONTROL MEASURES SHALL BE ESTABLISHED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITIES ON SITE. ALL EROSION & SEDIMENT CONTROL FACILITIES SHALL BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.

STORMWATER MANAGEMENT SHALL BE IN ACCORDANCE WITH COUNTY, STATE AND OTHER APPROPRIATE ORDINANCES.

ANY AMENDMENT OR REVISION TO THE ESC PLAN THAT WILL AFFECT BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL AND APPROVED BY THE APPROPRIATE REGULATORY AGENCY.

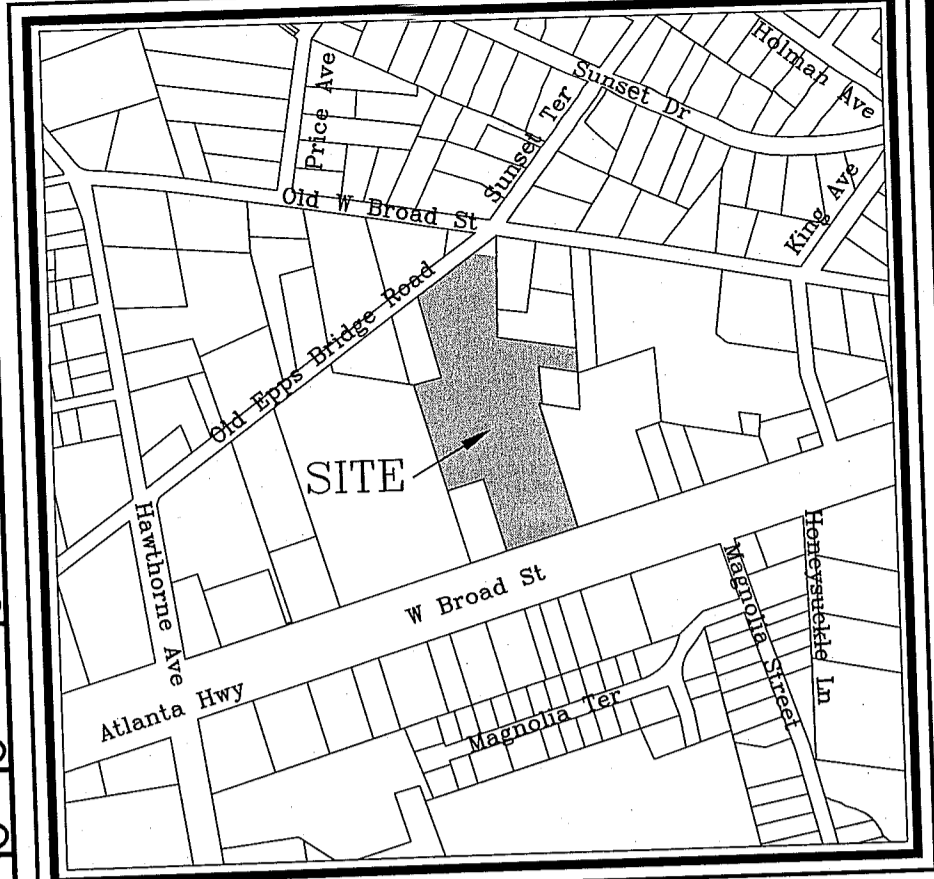
NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN ANY 25-FOOT UNDISTURBED STREAM BUFFER, AS MEASURED FROM THE POINT OF WRESTED VEGETATION, WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.

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

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. PRACTICES WILL BE CHECKED DAILY.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

WASHOUT OF THE CONCRETE TRUCK DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.



PROJECT DATA:

OWNER: RODNEY L. PATTON
130 OLD EPS BRIDGE ROAD
ATHENS, GEORGIA 30606
ATTN: RODNEY PATTON
(706) 354-0019

DEVELOPER: STANMORE DEVELOPMENT
1044 NORTH US HIGHWAY ONE, SUITE 202
JUPITER, FL 33477
ATTN: JOHN MELTON
(561) 459-3336

AUTHORIZED AGENT: WILLIAMS & ASSOCIATES
LAND PLANNERS, P.C.
2470 DANIELLS BRIDGE RD.
SUITE 161
ATHENS, GEORGIA 30606

PHYSICAL ADDRESS: 2142 WEST BROAD STREET

TAX PARCEL: 122C1 J018

CONTOUR INTERVAL: 2' FIELD RUN BY WILLIAMS & ASSOCIATES DATED JULY 8, 2010.

BOUNDARY SURVEY: THIS DRAWING WAS PREPARED USING AN ALTA/ACSM LAND TITLE SURVEY FOR CHICAGO TITLE INSURANCE COMPANY & STANMORE DEVELOPMENT, LLC. DATED JULY 8, 2010, BY WILLIAMS & ASSOCIATES.

EXISTING ZONING: C-G

TOTAL PROJECT ACREAGE: 4.425 AC

FLOOD PLAIN: NO PORTION OF THIS PROPERTY LIES WITHIN THE FLOOD PLAIN ACCORDING TO FIRM COMMUNITY PANEL NUMBER 13059C0024D & 13059C0025D DATED APRIL 2, 2007.

THERE ARE NO STATE WATERS ONSITE OR WITHIN 200' OF THE SITE.

THERE ARE NO WETLANDS DELINEATED ON SITE.

WATER SUPPLY: ACC PUBLIC UTILITIES
SEWAGE DISPOSAL: ACC PUBLIC UTILITIES
SOLID WASTE: BY PRIVATE HAULER
UTILITIES: POWER, GAS, WATER, SEWER, TELEPHONE, CABLE TV

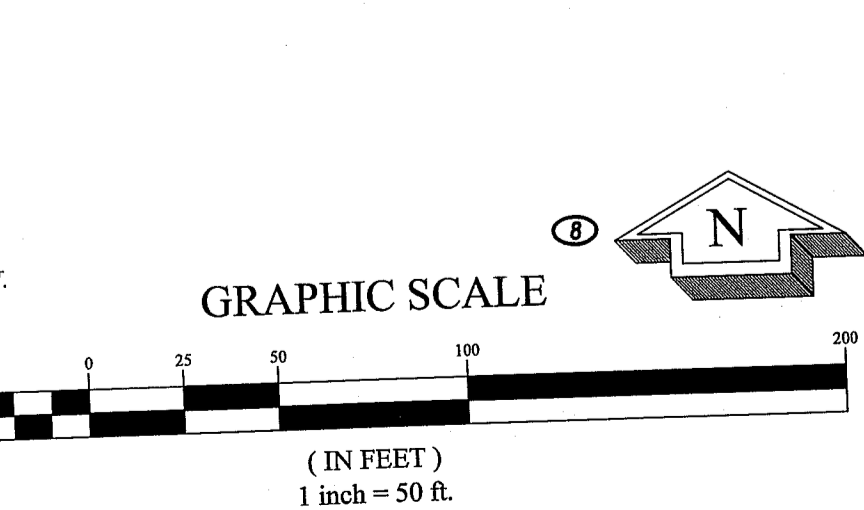
24 HR CONTACT:
STANMORE DEVELOPMENT
1044 N. US HWY ONE, SUITE 202
JUPITER, FL 33477
ATTN: JOHN MELTON
(561) 459-3336

- NOTES:**
- STORM WATER MANAGEMENT SHALL BE IN ACCORDANCE WITH COUNTY, STATE AND OTHER APPROPRIATE ORDINANCES AND REGULATIONS IN EFFECT AT TIME OF CONSTRUCTION PLAN APPROVAL.
 - A NOTICE OF TIMBER HARVESTING IS REQUIRED PRIOR TO CLEARING AND GRADING.
 - ALL DEMOLITION TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS AND REQUIREMENTS.
 - NO MODIFICATIONS ARE PROPOSED TO THE BUILDING TO REMAIN.

ENVIRONMENTAL BUFFERS NOTE
ALL ENVIRONMENTAL BUFFERS SHALL BE CLEARLY DELINEATED IN THE FIELD BEFORE CLEARING AND GRUBBING BEGINS

OUTFALL SAMPLING POINT
INDICATES THE LOCATION OF OUTFALL SAMPLING POINTS. SAMPLING POINT TO BE INSIDE THE EXISTING STRUCTURE WHICH THE PROPOSED SYSTEM TIES INTO.

BENCHMARK
BENCHMARK IS TOP OF EXISTING ROUND PILE FOUND AT THE NORTH EAST PROPERTY CORNER. TOP ELEVATION = 737.64



EROSION AND SEDIMENT CONTROL NOTES

- IF SEASONAL LIMITATIONS DELAY PLANTING OF GRASS THEN STRAW MULCH STABILIZATION SHALL BE PLACED IN ACCORDANCE WITH COUNTY STANDARDS.
- THE CONSTRUCTION OF THE SITE WILL COMMENCE WITH THE INSTALLATION OF EROSION CONTROL MEASURES SUFFICIENT TO CONTROL SEDIMENT DEPOSITS AND EROSION.
- STANDARDS AND SPECIFICATIONS: ALL DESIGNS WILL CONFORM TO AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE PUBLICATION ENTITLED "MANUAL FOR SOIL EROSION AND SEDIMENT CONTROL IN GEORGIA".
- ADDITIONAL EROSION CONTROL MEASURES WILL BE EMPLOYED WHERE DETERMINED NECESSARY BY ACTUAL SITE CONDITIONS AND/OR AS SPECIFIED BY THE ACC INSPECTOR.
- ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6" AT THE EROSION PROTECTION DEVICE.
- ALL SEDIMENT CONTROL SHALL BE MAINTAINED UNTIL ALL UPSTREAM GROUND HAS BEEN COMPLETELY STABILIZED WITH PERMANENT VEGETATION.
- ALL CONSTRUCTION IS TO BE IN ACCORDANCE WITH STATE LAWS AND LOCAL ORDINANCES AND SPECIFICATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ACC OFFICIALS OF ALL REQUIRED INSPECTIONS.
- THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF MUD ONTO PUBLIC RIGHTS OF WAY.
- ALL CONSTRUCTION CONTRACTORS MUST OBSERVE THE LIMITS OF CONSTRUCTION OR DISTURBANCE AS SHOWN.
- MULCH WHERE NECESSARY WILL BE APPLIED AT A RATE OF 2 1/2 TONS PER ACRE.
- 6/12/12 FERTILIZER SHALL BE APPLIED AT A RATE OF 1500 POUNDS PER ACRE TO REVEGETATED AREAS. APPLY LIME AT A RATE OF 2 TONS PER ACRE UNLESS OTHERWISE SPECIFIED.
- ALL SILT FENCE IS TYPE "A" UNLESS OTHERWISE SPECIFIED.
- INSTALL GEOTEXTILE LINER UNDERNEATH CONSTRUCTION EXIT AS SHOWN IN DETAIL ON UNIFORM CODING SHEET.
- WASHOUT OF THE CONCRETE TRUCK DRUM AT CONSTRUCTION SITE IS PROHIBITED.

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ATHENS MEDICAL COMPLEX
ATHENS-CLARKE COUNTY, GEORGIA
4.425 ACRES - WEST BROAD STREET

DATE: 03/01/2011

DATE	COMMENT
03/01/11	Per generator pad and enclosure addition and planning comments.
04/29/11	Per field change to bioretention pond.
05/12/11	Per ACCFW comments on field change to bioretention pond.

GSWCC LEVEL II
CERTIFICATION # 3588

ALL DRAWINGS SHALL REMAIN THE PROPERTY OF WILLIAMS & ASSOCIATES. THESE INSTRUMENTS OF SERVICE ARE TO BE USED SOLELY FOR THIS SPECIFIC PROJECT. WILLIAMS & ASSOCIATES SHALL RETAIN ALL LEGAL RIGHTS TO THE USE OF THE INSTRUMENTS OF SERVICE AND SHALL OBTAIN FULL PROTECTION UNDER UNITED STATES COPYRIGHT LAW.

10047
ES&PC PLAN
PHASE 2
08

SEDIMENT AND EROSION CONTROL CHECKLIST ITEMS CORRESPOND TO ①