NOTE: THIS IS AN EXAMPLE SET OF EROSION AND SEDIMENT CONTROL POLLUTION PREVENTION PLANS AND SHOULD BE USED FOR REFERENCE ONLY. EACH CONSTRUCTION SITE WILL HAVE CHARACTERISTICS REQUIRING SITE SPECIFIC EROSION AND SEDIMENT CONTROL SYSTEMS. THE DESIGN PROFESSIONAL SHALL DESIGN (AS A MINIMUM) THE SITE TO ADHERE TO:

- ☐ GESA (STATE)
- ☐ GENERAL PERMIT (STATE)
- ☐ LOCAL DRAINAGE ORDINANCES
- ☐ FEDERAL CLEAN WATER ACT (FEDERAL)

OFFSITE DRAINAGE FLOW

LIMITS OF INITIAL CLEARING NOTED

PROVIDE PRIMARY PERMITTEE AND 24 HR. CONTACT INFO.

LOCATE SPECIAL SIGNAGE CONCERNING BIOTA IMPARIED STREAM SEGMENTS. SEE NOTES ON SHT C-4d.2

PLAN FOR TOPSOIL AREAS

SEDIMENT PONDS

PROVIDE "J-HOOK" SILT FENCE WHEN RUNNING PERP. TO CONTOURS

WATER SAMPLING

PROVIDE 2 ROWS OF SILT FENCE AROUND SPRING HEADS

SOIL SERIES ON CLEARING PHASE PLANS

SOIL CHART

CYC2	Cecil sandy loam, 6–10% slopes, eroded
GeB3	Gwinnett clay loam, 2–6% slopes, severely eroded
GeC3	Gwinnett clay loam, 6–10% slopes, severely eroded
GgC2	Gwinnett loam, 6–10% slopes, eroded
MID2	Musella gravelly soils, 6–15% slopes, eroded
MjF	Musella and Pacolet stony soils, 10–45% slopes
WvD	Wilkes sandy loam, clayey subsoil variant, 6–15% slopes

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.

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

NOTE STATE/COUNTY STREAM BUFFERS

EROSION STATEMENTS IN BOLD LETTERS

WATER SAMPLING

SCALE & NORTH ARROW

PERIMETER PROTECTION

OFFSITE DRAINAGE FLOW

WATER SAMPLING

PROF. ENGINEER SEAL

EROSION CONROL CERT. NO.

UNIFORM SYMBOL LEGEND

IDENTIFY SITE BOUNDARY LINE

DESIGN PROFESSIONAL

LEVEL II CERTIFICATION NUMBER

Development Reference:

PRIMARY PERMITTEE: DEVELOPER'S NAME
STREET ADDRESS
CITY, GEORGIA 12345
PHONE: (555) ???-????

24-HOUR CONTACT:
JOHN DOE
(XXX)XXX-XXXX

General Erosion Control Notes:

TOTAL SITE AREA = 37.33 ACRES
TOTAL DISTURBED AREA FOR THIS PHASE = 7.85 ACRES

SEE SITE DESCRIPTION NOTES ON SHEET C-4d.1.

SEE SITE VICINITY MAP ON SHEET C-4d.2 FOR SURROUNDING AREA AND SITE RECEIVING WATERS.

SEE GENERAL EROSION CONTROL NOTES PERTAINING TO SPECIFIC PHASES ON SHEET C-4d.3.

SEE SEQUENCE OF CONSTRUCTION NOTES ON SHEET C-4d.2.

SEE GENERAL NOTES FOR CRITICAL WORK ZONES ON SHEET C-4d.2.

SEE SITE GRASSING AND VEGETATIVE SCHEDULE ON SHEET C-4d.2.

SEE SHEETS C-4d.1 THROUGH C-4d.5 FOR ALL EROSION CONTROL NOTES.

SEE SHEETS C-4a.1 TO C-4a.3 FOR ALL SEDIMENT BASIN CALCULATIONS.

SEE SHEET C-4a.4 FOR STORM DRAIN EXIT VELOCITIES AND STORM DRAIN OUTLET PROTECTION DETAILS.

SEE SHEET C-4a.4 FOR ALL DIVERSION DIKE CALCULATIONS.

NO EXISTING WETLANDS ON SITE WILL BE IMPACTED BY THIS DEVELOPMENT. THERE ARE NO PROPOSED WETLANDS FOR THIS DEVELOPMENT.

SEE SHEET C-4d.2 FOR ALL STATE WATERS WITHIN 200 FEET OF THE PROPOSED DEVELOPMENT.

SEE VICINITY MAP ON SHEET C-4d.2 FOR ALL OFFSITE LAKES, RESIDENTIAL AREAS, WETLANDS, ETC. THAT WILL BE AFFECTED BY THIS DEVELOPMENT.

EROSION CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.

EROSION CONTROL ACTIVITIES

Br	Buffer Zone	Br	Gr	Grade Stabilization Structure	Gr
Co	Costal Dune Stabilization (With Vegetation)	Co	Lv	Level Spreader	Lv
Ds1	Disturbed Area Stabilization with Mulching Only	Ds1	Rd	Rock Filter Dam	Rd
Ds2	Disturbed Area Stabilization with Temporary Seeding	Ds2	Re	Retaining Wall	Re
Ds3	Disturbed Area Stabilization with Permanent Vegetation	Ds3	Rt	Retrofitting	Rt
Ds4	Disturbed Area Stabilization with Sodding	Ds4	Sd1-A	Sediment Barriers (Type A Silt Fence)	Sd1-A
Du	Dust Control Disturbed Slopes	Du	Sd1-B	Sediment Barriers (Type B Silt Fence)	Sd1-B
Mb	Erosion Control Matting on Disturbed Slopes	Mb	Sd1-C	Sediment Barriers (Type C Silt Fence)	Sd1-C
Pm	Polyacrylamide	Pm	Sd1-S	Sediment Barriers (Sandbags)	Sd1-S
Sb	Stream Bank Stabilization with Permanent Vegetation	Sb	Sd1-Ht	Sediment Barriers (Hay or Stew Bales)	Sd1-Ht
Tb	Tackifieres & Binders	Tb	Sd1-Br	Brush Barrier	Sd1-Br
Cd-S	Rip Rap Check Dam	Cd-S	Sd2-F	Temporary Inlet Sediment Trap with Filter Fabric & Supporting Frame	Sd2-F
Cd-Ht	Hay Bale Check Dam	Cd-Ht	Sd2-B	Temporary Inlet Sediment Trap with Baffle Box	Sd2-B
Ch-V	Channel Stabilization with Vegetated Lining	Ch-V	Sd2-Bl	Temporary Inlet Sediment Trap with Block & Gravel Drop Inlet Protection	Sd2-Bl
Ch-Rp	Channel Stabilization with Rip Rap Lining	Ch-Rp	Sd2-G	Temporary Inlet Sediment Trap with Gravel Drop Inlet protection	Sd2-G
Ch-C	Channel Stabilization with Concrete Lining	Ch-C	Sd2-S	Temporary Inlet Sediment Trap with Sod Inlet Protection	Sd2-S
Co	Construction Exit	Co	Sd2-P	Curb Inlet Protection (Pipe-in-a-Blanket)	Sd2-P
Cr	Construction Road Stabilization	Cr	Sd3	Temporary Sediment Basin	Sd3
Dc-A	Stream Diversion Channel w/Geotextile Polyethylene Film, or Sod	Dc-A	Sr-B	Temporary Stream Crossing with Bridge	Sr-B
Dc-B	Stream Diversion Channel with Geotextile Alone	Dc-B	Sr-C	Temporary Stream Crossing with Culvert	Sr-C
Dc-C	Stream Diversion Channel with Class I Rip Rap and Geotextile	Dc-C	St	Storm Drain Outlet Protection	St
Di	Diversion Dike and Channel	Di	Su	Surface Roughening	Su
Dn1	Temporary Downdrain Structure	Dn1	Tp	Topsoiling	Tp
Dn2	Permanent Downdrain Structure	Dn2	Wt	Vegetated Waterway or Stormwater Conveyance Channel	Wt
Fr	Filter Ring	Fr	Tf	Tree Protection Fence	Tf
Ga	Gabion	Ga			

WATER SAMPLING POINT

SHADED AREA DENOTES INSTALLATION OF JUTE MATTING

IN CONCENTRATED FLOW AREAS, ALL SLOPES STEEPER THAN 2.5:1 AND WITH HEIGHT 10 FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFER, SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.

MAGNETIC NORTH

0 20' 45' 90' 180'
10' 30' 60' 120' 240'
SCALE: 1" = 60'

SCE
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Revisions

Date	Description

SHOPPING CENTER
A Development By
DEVELOPER'S NAME
LAND LOT ?? OF THE 7TH DISTRICT
CITY OF ? ? COUNTY, GEORGIA

Drawn	Designer	Date
SCE	SCE	2009

Sheet Title
E.S.&P. CONTROL PHASE 1a - INITIAL CLEARING PLAN

Drawing Number
C-4a.1