

DRAWING ISSUE RECORD		
DATE	REVISION	NO.
4-4-2011	ISSUE TO BID	

ES&PC DETAILS

ADDITION TO COLHAM FERRY ELEMENTARY SCHOOL

181 COLHAM FERRY ROAD WATKINSVILLE, GA 30681

OCONEE COUNTY BOARD OF EDUCATION

OCONEE COUNTY LOCAL CODE 04-00000000

DCS FACILITY CODE 3000

DATE: DECEMBER 15, 2010

JOB NO: 04-1-0917-26

DATE: 12/15/10

BY: JCH

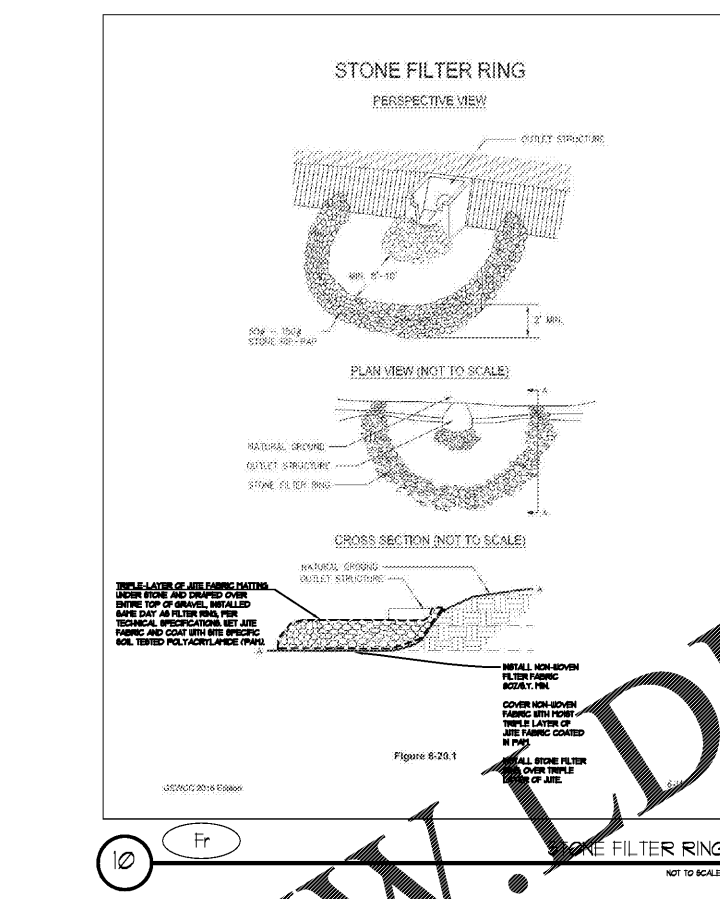
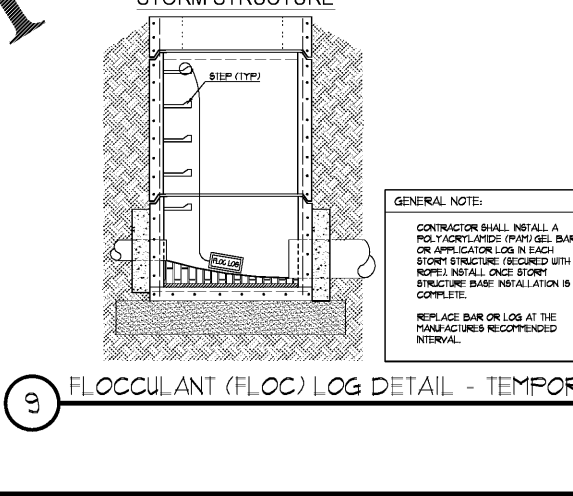
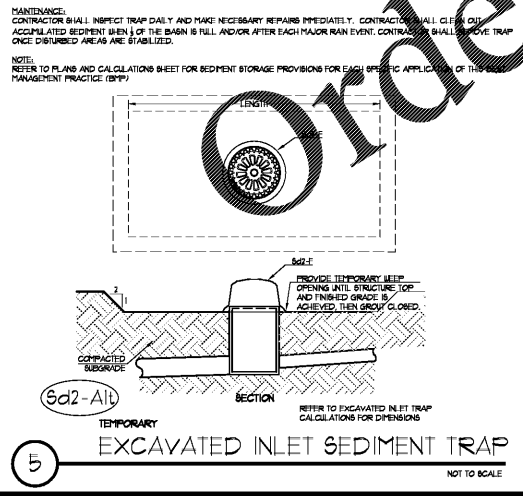
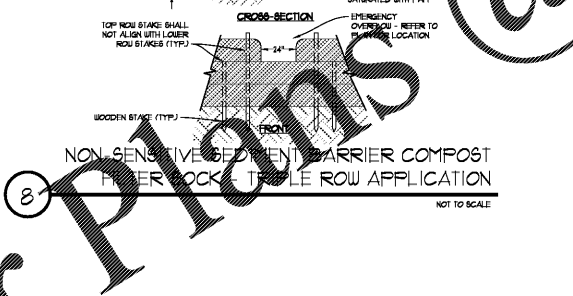
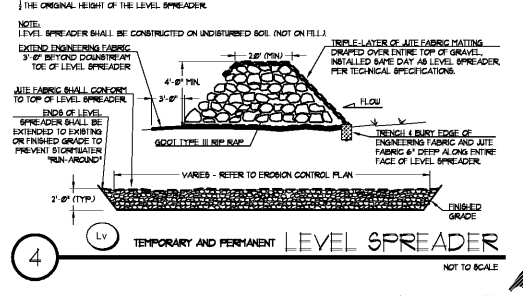
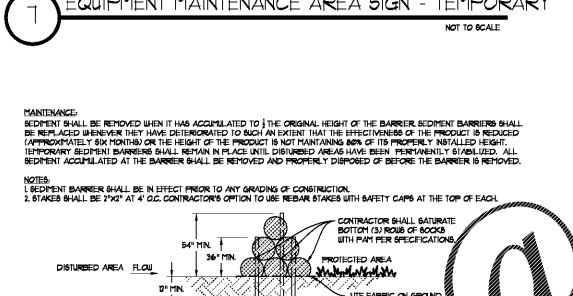
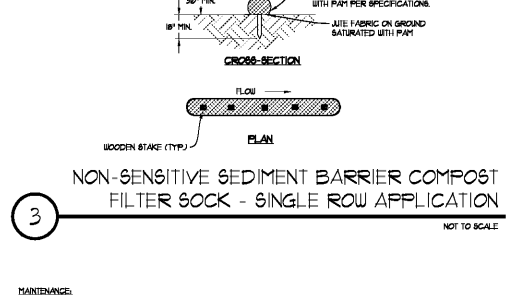
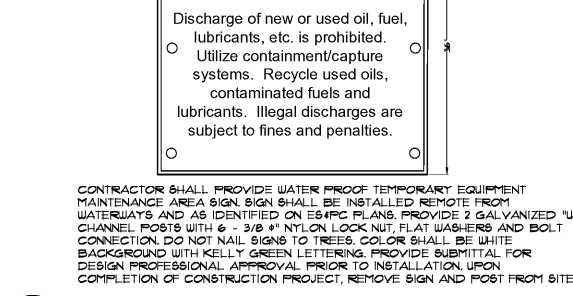
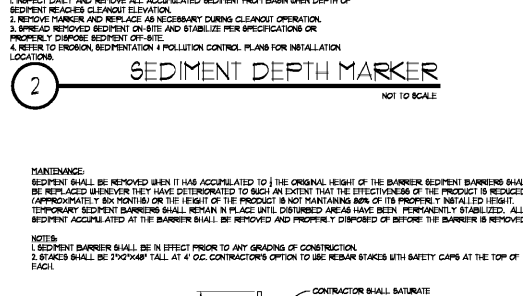
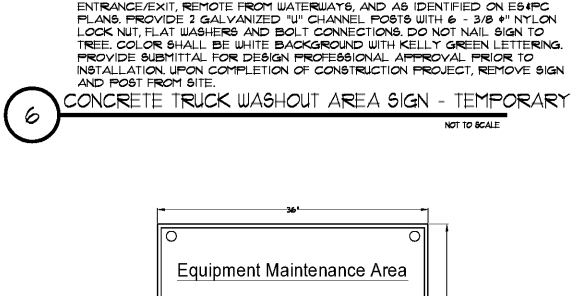
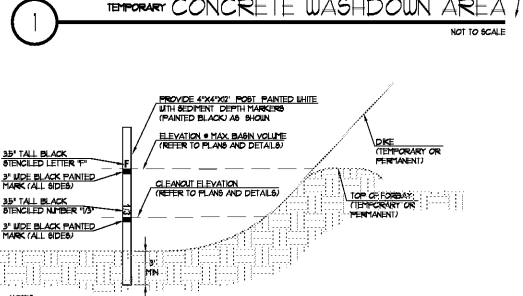
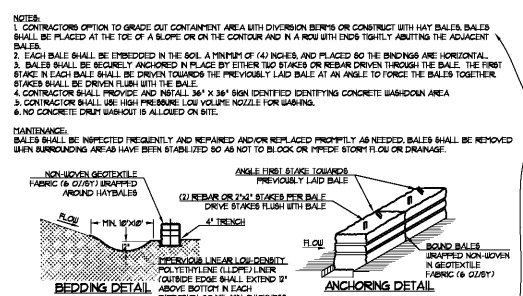
DATE: 12/15/10

BY: JMS

cunningham forhand matthews moore

cunningham, forhand, matthews & moore, architects, inc. - 2011 manchester street, n.e. - atlanta, georgia 30324 - phone (404) 873-2152

C4.46



DEFINITION
Applying plant residues or other suitable materials, produced on the site if possible, to the soil surface.

PURPOSE
• To reduce runoff and erosion
• To conserve moisture
• To prevent surface compaction or crusting
• To control undesirable vegetation
• To moderate soil temperature

REQUIREMENT FOR REGULATORY COMPLIANCE
Mulch or temporary grassing shall be applied to all exposed areas within 14 days of disturbance. Mulch can be used as a singular erosion control device for up to six months, but it shall be applied at the appropriate depth, depending on the material used, anchored and have a continuous 90% cover or greater of the soil surface.

Maintenance shall be required to maintain appropriate depth and 90% cover. Temporary vegetation may be employed instead of mulch if the area will remain undisturbed for less than six months.

If any area will remain undisturbed for greater than six months, permanent vegetative techniques shall be employed. Refer to Ds2 - Disturbed Area Stabilization (With Temporary Seeding), Ds3 - Disturbed Area Stabilization (With Permanent Seeding), and Ds4 - Disturbed Area Stabilization (With Sodding).

SPECIFICATIONS
Mulching Without Seeding
This standard applies to mulched or sowed areas where seedlings may not have a viable growing season to grow. An erosion resistant cover, but can be eliminated with mulch paper.

Site Preparation
Grading to permit the use of equipment for applying and anchoring mulch.

2. Install needed erosion control measures as required such as dikes, diversions, berms, terraces and sediment barriers.

3. Loosen compact soil to a minimum depth of 3 inches.

Mulching Materials
Select one of the following materials and apply at the depth indicated:

1. Dry straw or hay shall be applied at a depth of 2 to 4 inches providing complete soil coverage. One advantage of this material is easy application.
2. Wood waste (chips, sawdust or bark) shall be applied at a depth of 2 to 3 inches. Organic material from the closing stages of development should remain on site, be chipped, and applied as much. This method of mulching can greatly reduce erosion control costs.
3. Polyethylene film shall be secured over berms or stockpiled soil material for temporary protection. This material can be salvaged and re-used.

Applying Mulch
When mulch is used without seeding, mulch shall be applied to provide full coverage of the exposed area.

1. Dry straw or hay mulch and wood chips shall be applied uniformly by hand or by mechanical equipment.

2. If the area will eventually be covered with perennial vegetation, 20-30 pounds of nitrogen per acre in addition to the normal amount shall be applied to offset the uptake of nitrogen caused by the decomposition of the organic mulches.

3. Apply polyethylene film on exposed areas.

Anchoring Mulch
1. Straw or hay mulch can be pressed into the soil with a disk harrow with the disk set straight or with a special "pucker disk." Disks may be smooth or serrated and should be 20 inches or more in diameter and 8 to 12 inches apart. The edges of the disk should be dull enough not to cut the mulch but to press it into the soil leaving mulch off in an erect position. Straw or hay mulch shall be anchored immediately after application.

Straw or hay mulch spread with special blower-type equipment may be anchored. Tackifiers, binders and hydraulic mulch with tackifier specifically designed for tacking straw can be substituted for emulsified asphalt. Please refer to specification Tackifiers. Plastic mesh or netting with mesh no larger than one inch by one inch shall be installed according to manufacturer's specifications.

2. Netting of the appropriate size shall be used to anchor wood waste. Openings of the netting shall not be larger than the average size of the wood waste chips.
3. Polyethylene film shall be anchored trenching at the top as well as incrementally as necessary.

GSWCC LEVEL 2 CERTIFICATIONS

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATION 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 PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND DISTURBING ACTIVITY WAS PERMITTED, PROVIDED FOR THE PROTECTION OF THE RECEIVING WATERBODY OR BEST MANAGEMENT PRACTICES AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAVING MEASURES IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NOTES PERMIT NO. GA100000.

SIGNED: *[Signature]* DATE: 04-05-2011

DESIGNED: GEORGE PROFESSIONAL, KYLE BERDS
 GSWCC CERTIFICATION NO. LEVEL 11 00000001
 EXPIRATION DATE: 01-01-2014
 COMPANY: EROSION-CONTROL PLANNING, INC.

24-HOUR EROSION CONTACT

NAME: BROCK TISON
 COMPANY: OCONEE COUNTY SOILS
 EMAIL: ADDRESS@OCONEECOUNTYSOILS.GOV
 PHONE NUMBER: 706-361-2880

DO NOT BREAK OR DUPLICATE

1. DO NOT DUPLICATE DRAWINGS WITHOUT PERMISSION.
2. READ THE SPECIFICATIONS, THIS SET OF DRAWINGS AND SPECIFICATIONS DEFINE PROJECT SCOPE AND CONTRACT REQUIREMENTS. INDIVIDUAL SHEETS SEPARATED FROM THE SET MAY NOT ACCURATELY REFLECT ALL INFORMATION NEEDED TO FULLY IMPLEMENT THE PROJECT. THERE IS NO SEPARATE SET OF DRAWINGS AND INDIVIDUAL SHEETS.

