

# CONSTRUCTION PLANS FOR: LUMPKIN COUNTY ENTRANCE CORRIDOR BEAUTIFICATION PROJECT

THIS PROJECT IS 100% IN  
THE 9TH CONGRESSIONAL DISTRICT  
AND LUMPKIN COUNTY

GDOT PROJECT #CSTEE-0009-00 (105) P.I. #: 0009105 LUMPKIN COUNTY

**PROJECT DESCRIPTION:**  
CONSTRUCTION OF A WELCOME SIGN AND LANDSCAPING. SIGN TO BE CONSTRUCTED OF CONCRETE AS PER PLANS AND FACED WITH STACKED ROCK. CONSTRUCTION TO INCLUDE ALL GRADING, UTILITIES, EROSION CONTROL, AND LANDSCAPING AS PER PLANS.

### UTILITY CONTACT INFORMATION:

**Atlanta Gas Light:**  
Ms. Vidushi Raina, Ten Peachtree Place, Atlanta, GA 30309

**AT&T:**  
Mr. David Gaddy, 3514 old Oakwood Rd., Oakwood, GA 30566

**AT&T-Long Distance (Fiber):**  
Mr. Scott Logeman, 360 Gees Mill Business Parkway, Conyers, GA 30013

**Georgia Power-Distribution:**  
Mr. Galen Davis, 205 Dairy Pak Rd., Athens, Georgia 30607

**Georgia Power-Transmission:**  
Mr. Dan Everitt, 241 Ralph McGill Blvd, NE, Bin 20033, Atlanta, GA 30308-3374

**North Georgia Network Coop, Inc.:**  
Mr. Joe Phillips, 6135 Hwy 115, Suite 1A, Clarkesville, GA 30523

**Jackson EMC:**  
Mr. Benny Bagwell, PO Box 998, Oakwood, GA 3533

**Lumpkin Co. W/S Authority:**  
Mr. Sean Phipps, 194 Courthouse Hill, Annex A, Dahlonega, GA 30533

**Windstream Communications (Telephone):**  
Mr. Charlie Gregory, 385 River Rd., Blairsville, GA 30512

**Windstream Communications (CATV):**  
Mr. John Cantwell, 2000 Communications Blvd., Baldwin, GA 30511

### ENVIRONMENTAL RESOURCE IMPACT TABLE

RESOURCE	IMPACT
NONE	NO IMPACT

NOTICE OF LOCATION AND DESIGN APPROVAL DATE: 5/29/12

COORDINATE REFERENCE: HORIZONTAL NAD 1983 VERTICAL NAVD 1988 GEORGIA GRID WEST

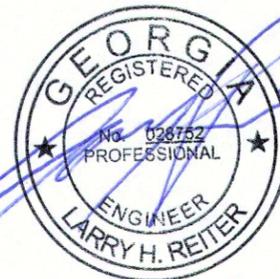
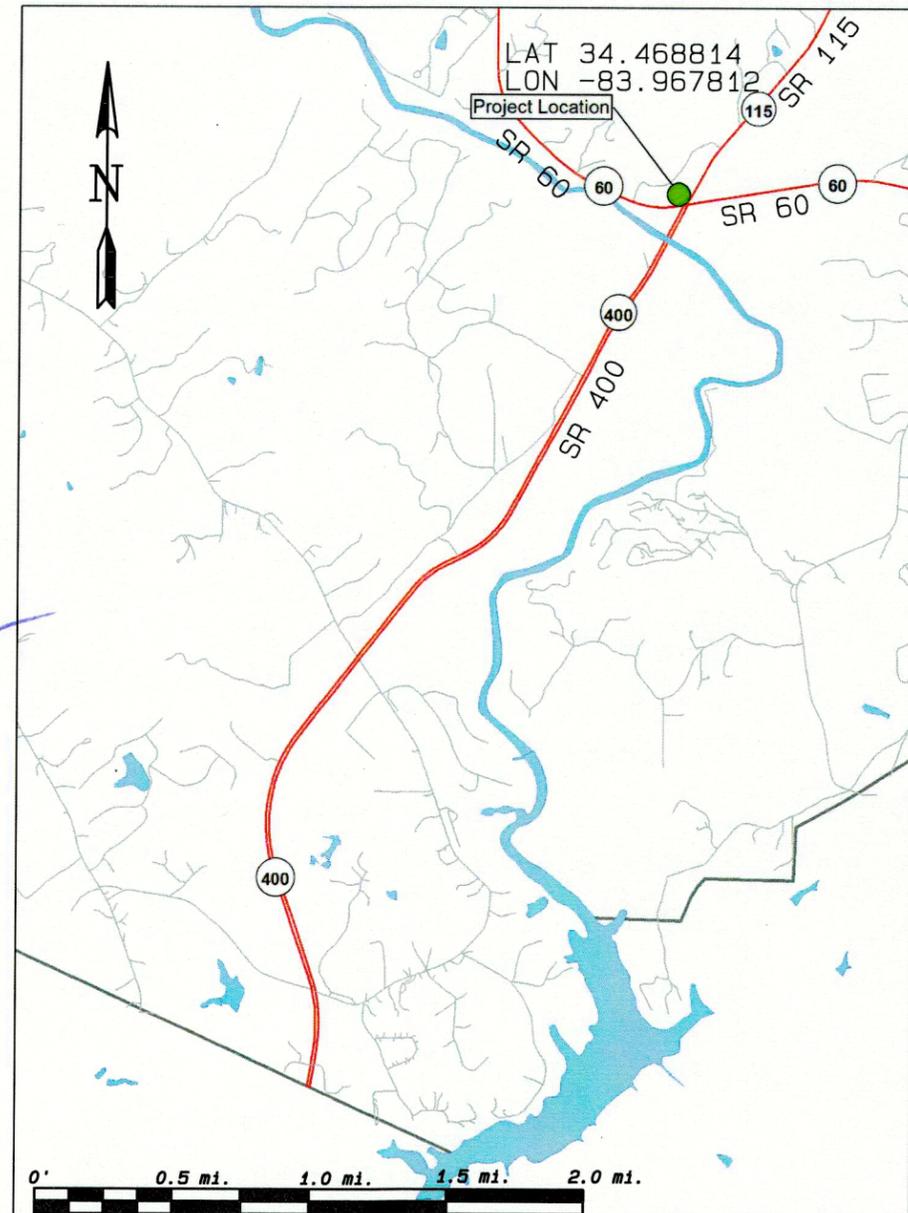
DISTURBED AREA=0.09 AC.  
THIS PROJECT DOES NOT REQUIRE A NPDES PERMIT

PROJECT TO BE CONSTRUCTED AS PER GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 2013 EDITION, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION AND MODIFIED BY CONTRACT DOCUMENTS

CONTRACTOR TO COORDINATE INSTALLATION OF ELECTRIC AND WATER SERVICE CONNECTIONS WITH GEORGIA POWER AND LUMPKIN COUNTY WATER AND SEWER AUTHORITY

**TRAFFIC CONTROL NOTE:**  
THE CONTRACTOR WILL BE RESPONSIBLE FOR PREPARING A TRAFFIC CONTROL PLAN SHOWING THE PROPOSED MEASURES TO MANAGE TRAFFIC DURING CONSTRUCTION. THE PLAN SHALL CONFORM TO THE 2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND GEORGIA DOT SPECIFICATION 150. ANY LANE CLOSURES MUST BE APPROVED BY AND COORDINATED WITH THE GEORGIA DOT AREA ENGINEER. LANE CLOSURES WILL REQUIRE PROPER LANE TAPERS AND ADVANCED WARNING PER GEORGIA DOT STANDARDS. ANY LANE CLOSURE WILL BE BETWEEN THE HOURS OF 9 AM AND 3:30 PM.

**TRAFFIC SIGNAL NOTE:**  
EXISTING TRAFFIC SIGNALS SHALL REMAIN OPERABLE AT ALL TIMES. CONTACT DAVID OLSON, GDOT SIGNAL ENGINEER AT (770) 531-5806 PRIOR TO BEGINNING WORK TO DISCUSS BURIED SIGNAL EQUIPMENT



**Know what's below.  
Call before you dig.**

REVISIONS	
DATE	DESCRIPTION

DRAWING TITLE	<b>COVER SHEET</b>	DRAWN BY: LR	DRAWING NO. 2013-01
FOR LUMPKIN COUNTY 99 COURTHOUSE HILL, DAHLONEGA GA LUMPKIN COUNTY		JOB# 2013-01	
<b>Lumpkin County Engineering</b>		DATE: 06/25/15	
25 Short Street, Suite 10 Dahlonega, Ga 30533 Office: 706-864-6894 Fax: 706-867-7272		DRW NAME: 60-400 SIGN-LUMP	



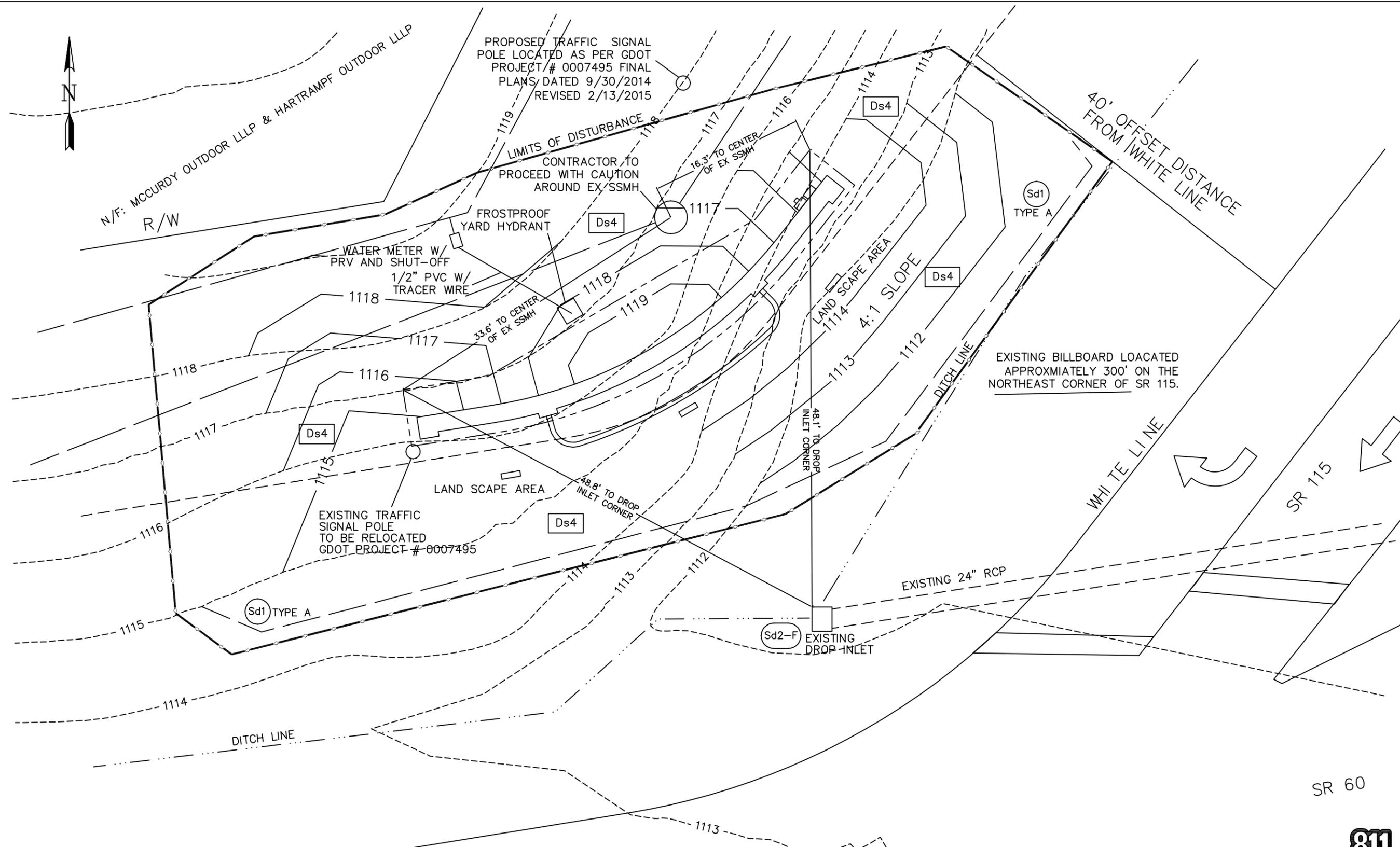
00091005 LUMPKIN PAY ITEMS			
BASE BID ITEMS			
Item Number	Item Description	Quantity	Unit
150-1000	TRAFFIC CONTROL - 047-13-133	LS	LS
210-0100	GRADING COMPLETE - 047-13-133	LS	LS
999-0001	SIGN COMPLETE	LS	LS
163-0232	TEMPORARY GRASSING	0.1	AC
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	1.0	EA
165-0010	MAINTENANCE OF TEMP SILT FENCE, TP A	60.0	LF
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	1.0	EA
171-0010	TEMPORARY SILT FENCE, TYPE A	120.0	LF
700-9300	SOD	145.0	SY
ALTERNATE 1, LIGHTING			
Item Number	Item Description	Quantity	Unit
682-6219	CONDUIT, NONMETL, TP 2, 1 IN	90.0	LF
999-002	DIRECTIONAL LED LIGHT	3	EA
ALTERNATE 2, LANDSCAPING			
Item Number	Item Description	Quantity	Unit
702-0140	CERCIS CANADENSIS 'FOREST PANSY'	2	2" CALIPER
702-0630	MAGNOLIA GRANDIFLORA 'LITTLE GEM'	4	2" CALIPER
702-0507	JUNIPERUS HORIZONTALIS 'WILTONII'	17	1 GALLON
702-0470	ILEX VOMITORIA 'NANA'	18	3 GALLON
702-0981	ROSA SP 'MELGALPLO'	10	1 GALLON
702-0513	JUNIPERUS PROCUMBENS 'NANA'	5	1 GALLON
766-7020	IRRIGATION SYSTEM	LS	LS

REVISIONS	
DATE	DESCRIPTION

*Lumpkin County Engineering*  
 25 Short Street, Suite 10  
 Dahlonega, Ga 30533  
 Office: 706-864-6894  
 Fax: 706-867-7272

DRAWING TITLE: SUMMARY OF QUANTITIES  
 FOR  
 LUMPKIN COUNTY  
 99 COURTHOUSE HILL, DAHLONEGA GA  
 LUMPKIN COUNTY

DRAWN BY:  
LR  
 DRAWING NO.  
2013-01  
 JOB# 2013-01  
 DATE: 06/25/15  
 DRW NAME: 60-400 SIGN-LUMP  
 06-01



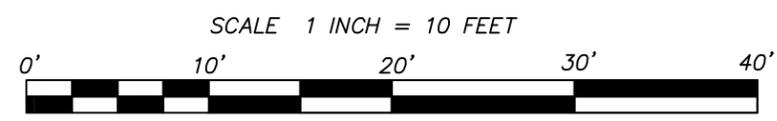
PROPOSED TRAFFIC SIGNAL POLE LOCATED AS PER GDOT PROJECT # 0007495 FINAL PLANS DATED 9/30/2014 REVISED 2/13/2015

CONTRACTOR TO PROCEED WITH CAUTION AROUND EX SSMH

EXISTING BILLBOARD LOACATED APPROXIMATELY 300' ON THE NORTHEAST CORNER OF SR 115.

EXISTING TRAFFIC SIGNAL POLE TO BE RELOCATED GDOT PROJECT # 0007495

N/F. MCCURDY OUTDOOR LLLP & HARTRAMPF OUTDOOR LLLP  
R/W



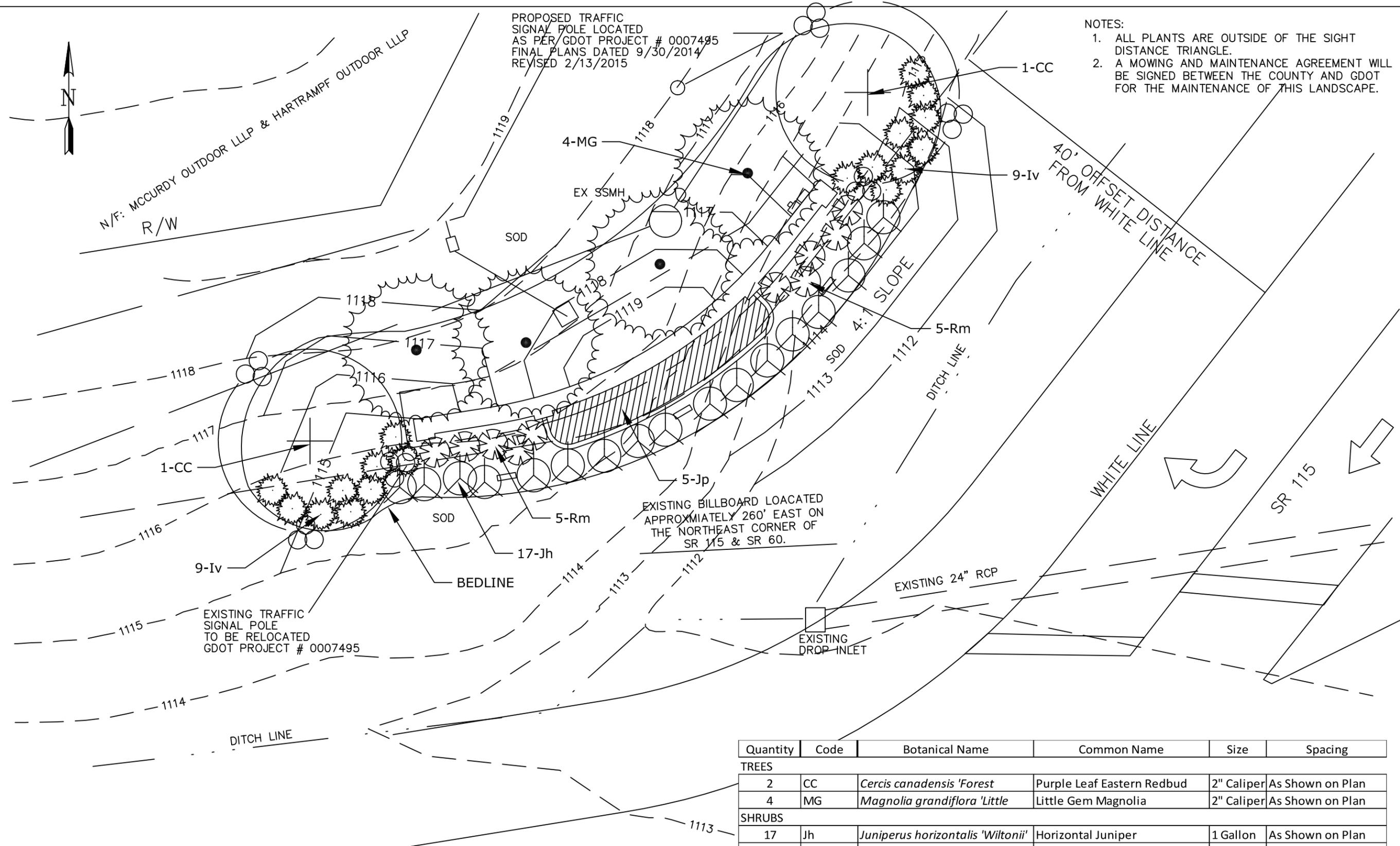
SCALE 1 INCH = 10 FEET  
CONTOUR FROM FIELD RUN TOPOGRAPHIC SURVEY  
CONTOUR INTERVAL = 1 FT.

REVISIONS	
DATE	DESCRIPTION



DRAWING TITLE <b>GRADING / ESCP PLAN</b> FOR LUMPKIN COUNTY 99 COURTHOUSE HILL, DAHLONEGA GA LUMPKIN COUNTY	DRAWN BY: LR	DRAWING NO.
DRW NAME: 60-400 SIGN-LUMP DATE: 06/25/15 JOB#: 2013-01	DATE: 06/25/15 JOB#: 2013-01	13-01

*Lumpkin County Engineering*  
 25 Short Street, Suite 10  
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NOTES:  
 1. ALL PLANTS ARE OUTSIDE OF THE SIGHT DISTANCE TRIANGLE.  
 2. A MOWING AND MAINTENANCE AGREEMENT WILL BE SIGNED BETWEEN THE COUNTY AND GDOT FOR THE MAINTENANCE OF THIS LANDSCAPE.

DRAWING BY: LR

DRAWING NO.: 29-01

DRAWING TITLE: LANDSCAPE PLAN FOR LUMPKIN COUNTY, 99 COURTHOUSE HILL, DAHLONEGA GA, LUMPKIN COUNTY

DATE: 06/25/15 JOB# 2013-01

DRW NAME: 60-400 SIGN-LUMP

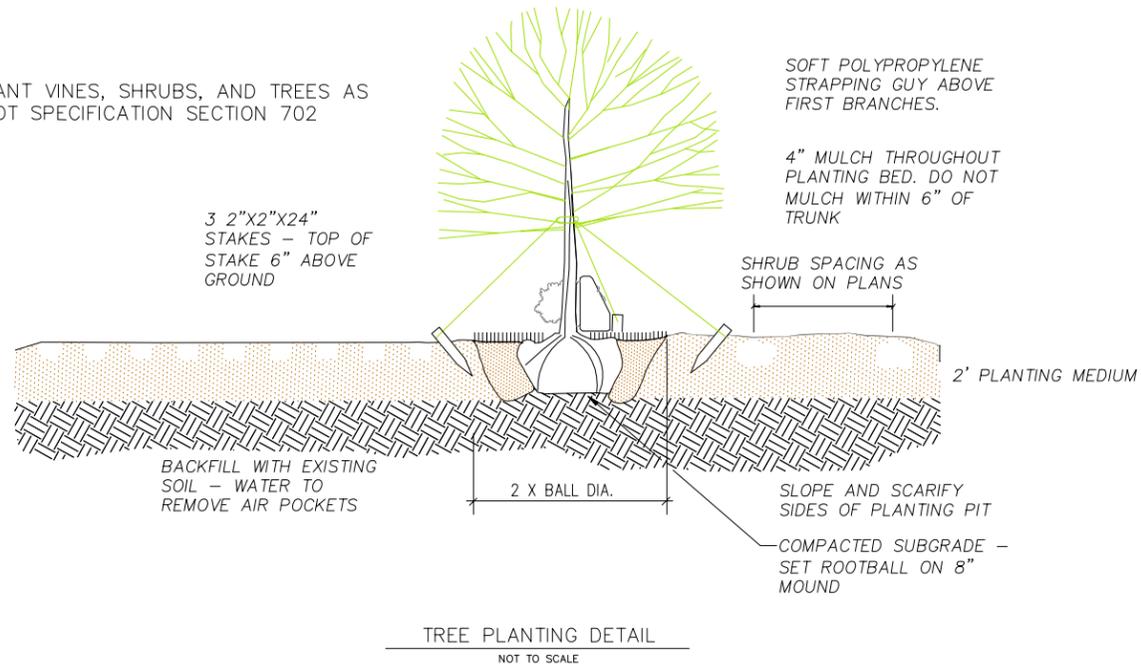
DATE: 06/25/15 JOB# 2013-01

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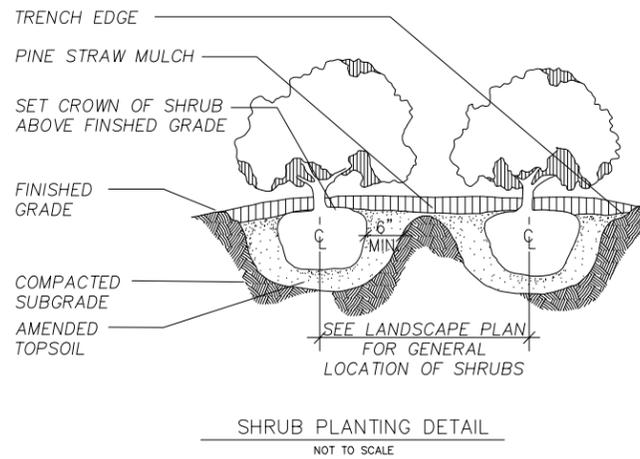
Quantity	Code	Botanical Name	Common Name	Size	Spacing
<b>TREES</b>					
2	CC	<i>Cercis canadensis 'Forest'</i>	Purple Leaf Eastern Redbud	2" Caliper	As Shown on Plan
4	MG	<i>Magnolia grandiflora 'Little'</i>	Little Gem Magnolia	2" Caliper	As Shown on Plan
<b>SHRUBS</b>					
17	Jh	<i>Juniperus horizontalis 'Wiltonii'</i>	Horizontal Juniper	1 Gallon	As Shown on Plan
18	Iv	<i>Ilex vomitoria 'Nana'</i>	Dwarf Yaupon Holly	3 Gallon	As Shown on Plan
10	Rm	<i>Rosa 'Meigalpio'</i>	Red Drift Rose	1 Gallon	As Shown on Plan
5	Jp	<i>Juniperus procumbens 'Nana'</i>	Japanese garden juniper	1 Gallon	3' O.C.

REVISIONS	
DATE	DESCRIPTION

NOTE: PLANT VINES, SHRUBS, AND TREES AS PER GDOT SPECIFICATION SECTION 702



- NOTES:
- PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE
  - FLAG GUYING WIRES WITH SURVEYOR TAPE
  - REMOVE CONTAINERS &/OR ROPE AND TOP 1/3 OF BURLAP
  - PRUNE SHRUBS AS REQUIRED TO MAINTAIN NATURAL FORM - DO NOT SHEAR PLANTS
  - STRAPS SHALL HAVE ENOUGH SLACK TO ALLOW MOVEMENT OF TRUNK AND TOP, BUT NOT ENOUGH TO ALLOW THE ROOTBALL TO SHIFT



REVISIONS	
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DRAWING TITLE

LANDSCAPE DETAILS

FOR  
 LUMPKIN COUNTY  
 99 COURTHOUSE HILL, DAHLONEGA GA  
 LUMPKIN COUNTY

DRAWN BY:  
 LR

DRAWING NO.  
 2013-01

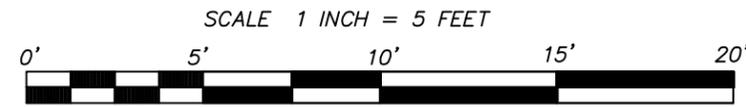
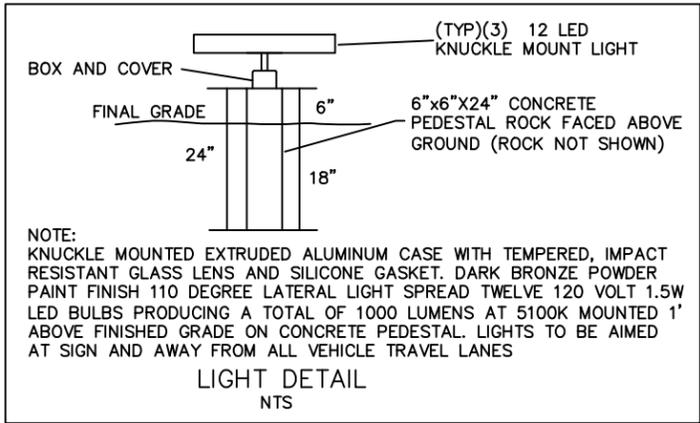
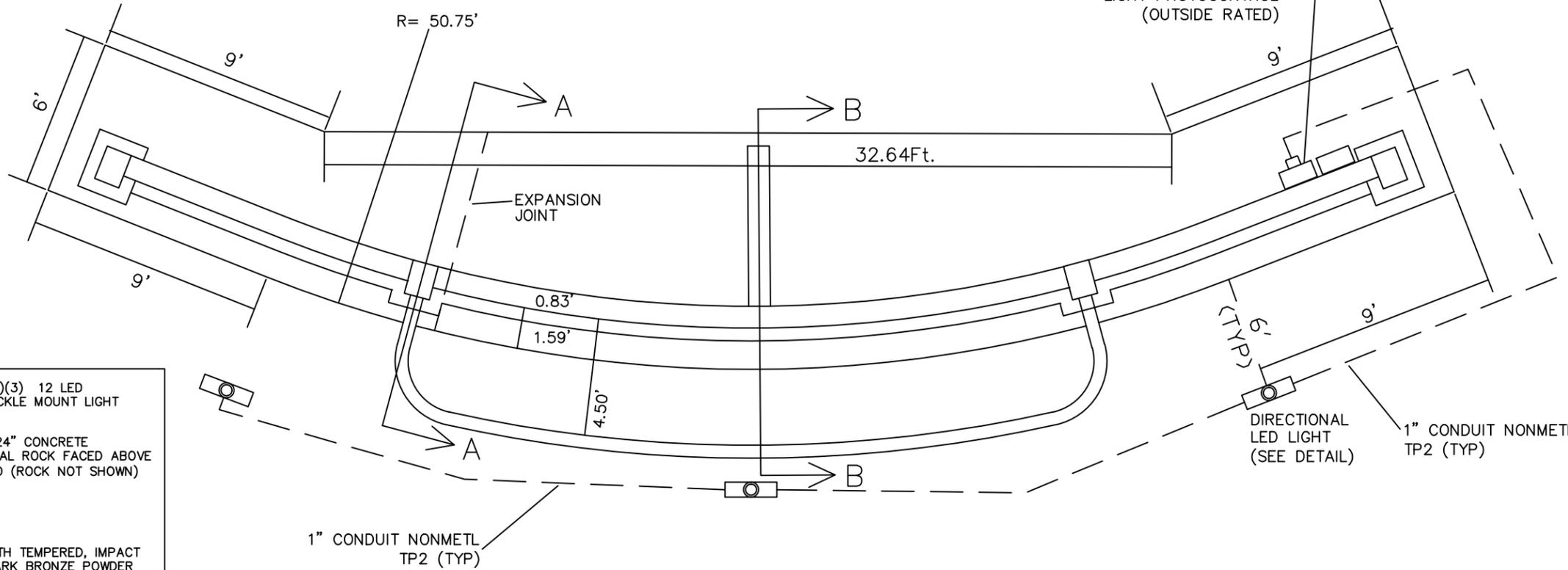
DRW NAME: 60-400 SIGN-LUMP

DATE: 06/25/15

JOB# 2013-01

29-02

METER BOX ,50 AMP BREAKER BOX  
WITH 1 DUPLEX GFI RECEPTICAL AND  
LIGHT PHOTOCONTROL  
(OUTSIDE RATED)



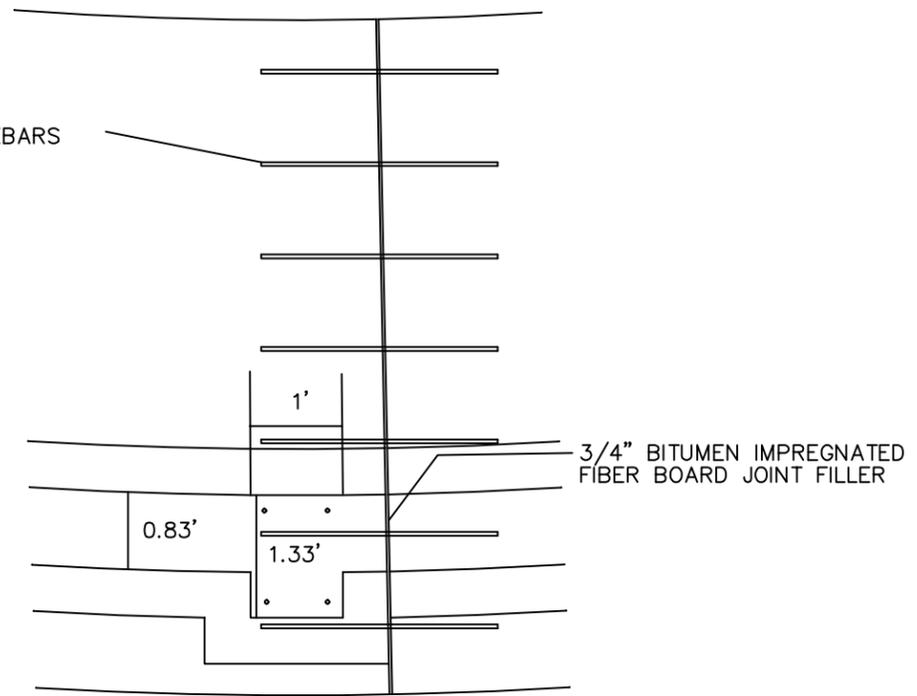
REVISIONS	
DATE	DESCRIPTION

DRAWN BY: LR  
DRAWING NO. 2013-01  
JOB# 2013-01  
DATE: 06/15/15  
DRW NAME: 60-400 SIGN-LUMP

DRAWING TITLE: PLAN/PROFILE  
FOR: LUMPKIN COUNTY  
99 COURTHOUSE HILL, DAHLONEGA GA  
LUMPKIN COUNTY

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30" #4 SMOOTH DOWELS AT 1" O.C.  
SLEEVED AND GREASED  
CENTERED BETWEEN HORIZONTAL REBARS



HORIZONTAL REBAR NOT SHOWN FOR CLARITY  
EXPANSION JOINT DETAIL

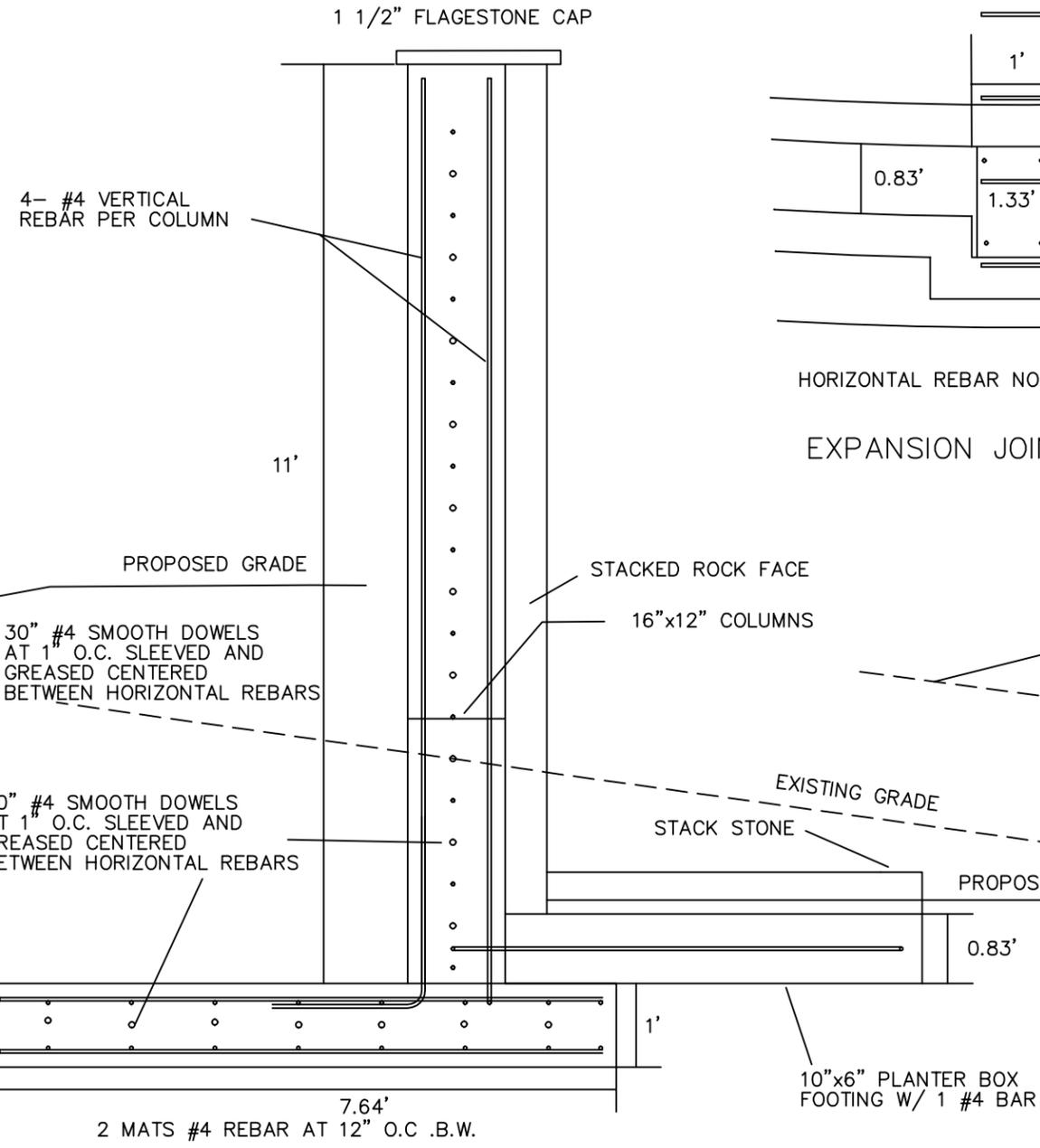
ALL STEEL COVER AND LAP LENGTHS SHALL BE  
IN ACCORDANCE WITH ACI CODE

ALL CONCRETE TO BE GDOT CLASS A (3000 PSI) .

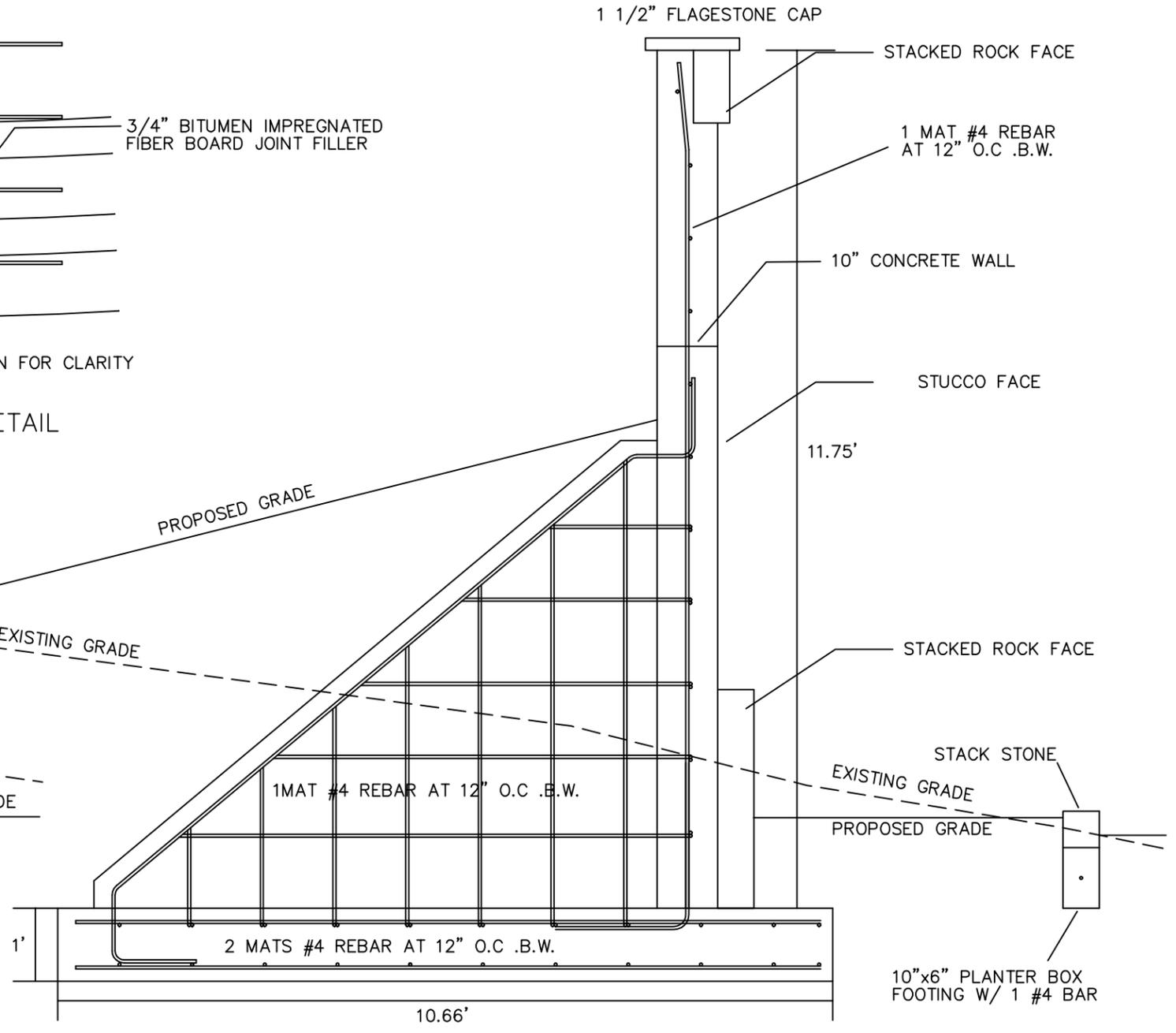
4" TO 6" OF #57 STONE TO BE PLACED UNDER ALL  
CONCRETE WORK

BACK FILL BEHIND SIGN STRUCTURE WITH #57 STONE  
TO 1' BELOW FINISHED GRADE 2' WIDE MIN.

2- 2" WEEP HOLES TO BE PLACED ON TOP OF FOOTING  
EQUALLY SPACED.



SECTION A-A : COLUMN SECTION



SECTION B-B: WALL SECTION

SCALE 1 INCH = 2 FEET

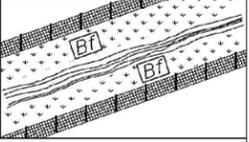
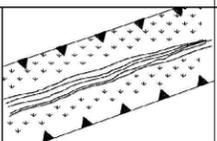
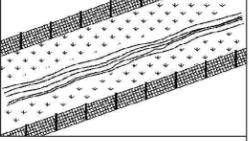
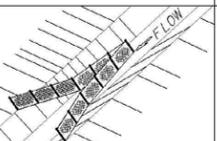
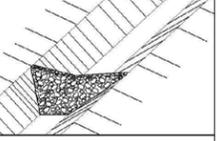


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DATE	DESCRIPTION

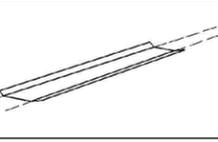
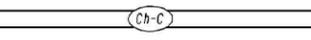
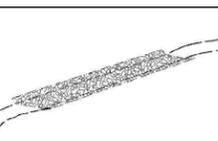
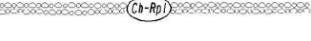
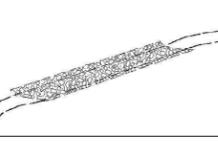
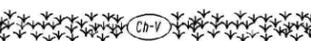
DRAWN BY: LR	DRAWING NO. 2013-01
DRAWING TITLE CONSTRUCTION DETAILS FOR LUMPKIN COUNTY 99 COURTHOUSE HILL, DAHLONEGA GA LUMPKIN COUNTY	
DRW NAME: 60-400 SIGN-LUMP	DATE: 06/25/15 JOB#: 2013-01

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25 Short Street, Suite 10  
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STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

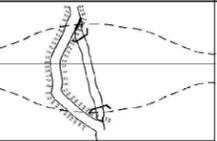
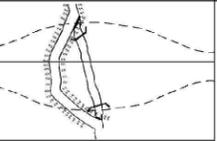
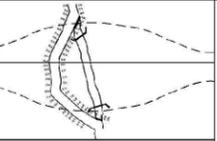
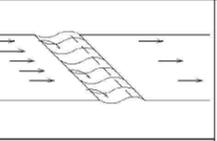
CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
Bf	BUFFER ZONE		A STRIP OF UNDISTURBED ORIGINAL VEGETATION, ENHANCED OR RESTORED EXISTING VEGETATION, OR THE RE-ESTABLISHMENT OF VEGETATION SURROUNDING AN AREA OF DISTURBANCE OR BORDERING STREAMS, PONDS, WETLANDS, LAKES, AND COASTAL WATERS. THE BOUNDARIES OF THESE AREAS ARE BE DELINEATED BY ORANGE BARRIER FENCE.
		SYMBOL 	
ESA	ENVIRONMENTALLY SENSITIVE AREA		ENVIRONMENTALLY SENSITIVE AREA (ESA) CONTAINS RESOURCES THAT ARE ENVIRONMENTALLY, CULTURALLY, OR HISTORICALLY SENSITIVE. ESA AREAS INCLUDE, BUT ARE NOT LIMITED TO: STATE WATER BUFFERS, ARCHAEOLOGICAL SITES, HISTORIC SITES, AND PROTECTED ANIMAL AND PLANT SPECIES HABITATS. IF WORK IS AUTHORIZED IN THIS AREA, THE WORK MUST BE PERFORMED IN ACCORDANCE WITH SECTION 107 AND ANY OTHER APPLICABLE SPECIAL PROVISIONS AND APPLICABLE PLAN NOTES.
		LINE CODE  ESA-25' (OR 50') STREAM BUFFER, ETC.	
	ORANGE BARRIER FENCE		ORANGE BARRIER FENCE DELINEATES ESA AREAS WHERE THE CONTRACTOR SHALL NOT CLEAR, GRUB, PLACE CONSTRUCTION MATERIALS OR EQUIPMENT WITHIN THIS AREA.
		LINE CODE  ORANGE BARRIER FENCE	
Cd-F	FABRIC CHECK DAM CONSTRUCTION DETAIL SECTION 171		A CHECK DAM COMPOSED OF SYNTHETIC FIBER FABRIC, WIRE REINFORCED, POST, AND BRACING PLACED IN DITCHES IN A SPECIAL CONFIGURATION WHICH CONTROLS ENERGY DISSIPATION AND FILTRATION OF STORM WATER. SEE CONSTRUCTION DETAIL D-24b FOR SPACING REQUIREMENT.  THIS ITEM IS SUITABLE FOR USE IN ROADSIDE DITCHES THAT ARE PART OF INFRASTRUCTURE CONSTRUCTION PROJECTS.  IF THIS ITEM IS USED IN AN AREA WITHOUT A SEDIMENT BASIN CONSIDERATION SHOULD BE GIVEN TO USING TWO OR MORE ROCK FILTER DAMS NEAR THE DISCHARGE POINT.
		LINE CODE 	
Cd-S	STONE OR SANDBAG CHECK DAM SECTION 163, 603		STONE CHECK DAMS ARE USED IN ROADWAY DITCHES. GEOTEXTILE UNDERLINER SHALL BE USED WHEN PLACING STONE CHECK DAMS. CONTRACTOR MAY USE SANDBAG CHECK DAMS IN LIEU OF STONE CHECK DAMS.  SANDBAG CHECK DAMS MUST BE USED IN CONCRETE LINED CHANNELS.
		LINE CODE 	

**NOTE:**  
 1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.  
 2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION CONTROL MEASURES SEE THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

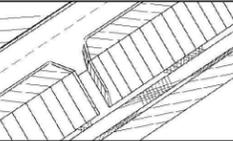
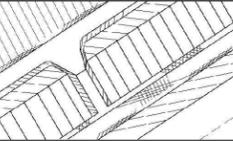
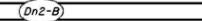
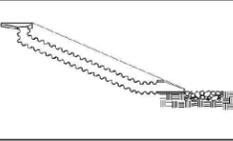
CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
Ch-C	CHANNEL CONCRETE SECTION 161, 441		THIS ITEM CONSISTS OF CONSTRUCTING A 4" THICK CONCRETE CHANNEL. THE CONCRETE SHALL PROTECT THE DITCH FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT DITCH PROTECTION PROGRAM  "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS
		LINE CODE 	
Ch-Rp1	CHANNEL RIP RAP TYPE 1 SECTION 161, 603		THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 1 RIP RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP RAP SHALL PROTECT THE DITCH FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT DITCH PROTECTION PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED ALONG THIS CHANNEL SUCH AS Sd1-C, Rdc OR Sg.
		LINE CODE 	"Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS
Ch-Rp3	CHANNEL RIP RAP TYPE 3 SECTION 161, 603		THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 3 RIP RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP RAP SHALL PROTECT THE DITCH FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT DITCH PROTECTION PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED ALONG THIS CHANNEL SUCH AS Sd1-C, Rdc OR Sg.
		LINE CODE 	"Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS
Ch-V	CHANNEL GRASS SECTION 161, 700		USED TO IMPROVE OR STABILIZE A NEW OR EXISTING CHANNEL. IT IS CONSTRUCTED IN STORMWATER DRAINAGE DITCHES. THIS MEASURE SHALL BE DESIGNED IN ACCORDANCE WITH THE GDOT DITCH PROTECTION PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. TYPICALLY NOT SHOWN IN PLANS.
		LINE CODE 	

1-24-13		DEPARTMENT OF TRANSPORTATION	
REVISED Cd-S DESCRIPTION, 10-2-12		STATE OF GEORGIA	
TC	REVISED Bg & Ch-Bf, AND RELOCATED Ch-Rp1, Ch-Rp3 AND Ch-V CODES FROM ECL&UC SHEET 2 OF 6.	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET SHEET 1 OF 6	
GLO	REV. Bg, ADDED Bf, ESA, OBF AND Ch-F	NO SCALE	
GLO	REVISED TITLE BLOCK	JANUARY 2007	
BY	REVISION	DRAWING No.	
EC-LI		52-001	

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

CODE	PRACTICE STD :SPC's :SECTION	DETAIL	DESCRIPTION
Co	CONSTRUCTION EXIT CONSTRUCTION DETAIL		A STONE STABILIZED PAD LOCATED AT ANY POINT WHERE TRAFFIC WILL BE EXITING A CONSTRUCTION SITE TO A PUBLIC ROAD. BEST USED AT ACCESS POINTS, I.e. NEW LOCATION PROJECTS, BORROW PITS, WASTE PITS, ACCESS ROADS, ETC. SHOULD BE MIN. 20' WIDE AND 50' LONG, AND 6" THICK. REQUIRES A GEOTEXTILE UNDERLINER, INCLUDED IN THE PRICE FOR THE CONSTRUCTION EXIT.
	LINE CODE		
Dc-A	DIVERSION CHANNEL GEOTEXTILE, POLYETHYLENE FILM SECTION 163		A DIVERSION CHANNEL IS A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE OR POLYETHYLENE FILM. INSTALL TWO ROWS OF Sd1-C PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS DESIGNED FOR A TWO YEAR STORM FREQUENCY WITH A FLOW RATE BETWEEN 0-2.5 fps. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
	LINE CODE		
Dc-B	DIVERSION CHANNEL GEOTEXTILE ONLY SECTION 163		A DIVERSION CHANNEL IS A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE ONLY. INSTALL TWO ROWS OF Sd1-C PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS DESIGNED FOR A TWO YEAR STORM FREQUENCY WITH A FLOW RATE BETWEEN 2.5-9.0 fps. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
	LINE CODE		
Dc-C	DIVERSION CHANNEL RIPRAP AND GEOTEXTILE SECTION 163		A DIVERSION CHANNEL IS A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH RIPRAP AND GEOTEXTILE. INSTALL TWO ROWS OF Sd1-C PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS DESIGNED FOR A TWO YEAR STORM FREQUENCY WITH A FLOW RATE BETWEEN 9.0-13.0 fps. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
	LINE CODE		
DI	DIVERSION BERM CONSTRUCTION DETAIL SECTION 161, 205		THIS IS A TEMPORARY EARTHEN BERM WITH A COMPACTED SUPPORTING RIDGE ON THE LOWER SIDE TO BE USED AT THE EDGE OF EMBANKMENT DURING THE GRADING OPERATION. THE BERMS ARE ALSO CONSTRUCTED ABOVE, ACROSS OR BELOW A SLOPE TO REDUCE THE LENGTH OF A SLOPE. THEY ARE USED TO INTERCEPT RUNOFF, PREVENTING SLOPE EROSION AND TO DIRECT THE RUNOFF TO A STABLE OUTLET, DOWN DRAINS "Dn1" OR CATCHMENT AREAS AND ON ALL GRADING PROJECTS.
	LINE CODE		

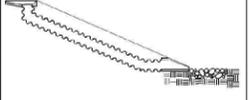
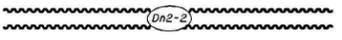
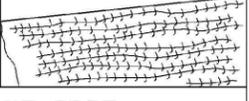
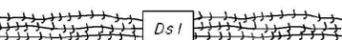
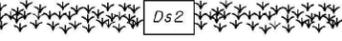
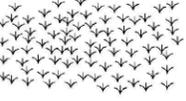
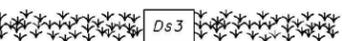
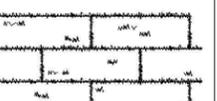
SEE CHAPTER 6 OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA FOR DESIGN CRITERIA AND DETAILS.

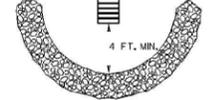
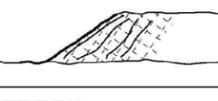
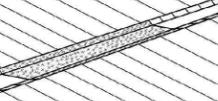
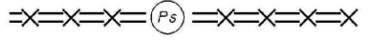
CODE	PRACTICE STD :SPC's :SECTION	DETAIL	DESCRIPTION
Dn1	DOWN DRAIN STRUCTURE FLEXIBLE CONSTRUCTION DETAIL SECTION 163		A TEMPORARY PIPE SLOPE DRAIN IS A PLASTIC FLEXIBLE PIPE TO CARRY WATER FROM THE WORK AREA TO A LOWER ELEVATION. TEMPORARY SLOPE DRAINS SHOULD BE PLACED AT INTERVALS OF 500 FEET ON A 0 TO 2 PERCENT GRADE, 200 FEET ON STEEPER GRADES AND MORE FREQUENTLY AS DICTATED BY FIELD CONDITIONS. THE USUAL PIPE SIZE IS 10 INCH CORRUGATED. THE OUTLET AREA SHOULD BE STABILIZED WITH SILT FENCE, SUMP HOLE, HAYBALES, ANGLING OUTLET IN UPHILL DIRECTION OR OTHER APPROPRIATE MEANS FOR VELOCITY DISSIPATION AND EROSION CONTROL. THE PIPE WILL BE ANCHORED WITH STAKES AT INTERVALS NOT TO EXCEED 10'.
	LINE CODE		
Dn2-A	PERMANENT DOWN DRAIN STRUCTURE CONCRETE CONSTRUCTION DETAIL SECTION 441		A CONCRETE FLUME TYPE "A" IS USED TO DIRECT SURFACE RUNOFF DOWN A ROADWAY SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN ALL DEPRESSED AREAS WHERE WATER WILL FLOW DOWN THE SLOPE. IT IS DESIGNED FOR A 25 YEAR STORM AND MUST HAVE SOME FORM OF OUTLET PROTECTION. ADDITIONAL LABELING IS NOT REQUIRED IF SHOWN AS A PERMANENT DRAINAGE STRUCTURE ON THE CONSTRUCTION PLANS. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).
	LINE CODE		
Dn2-B	PERMANENT DOWN DRAIN STRUCTURE CONCRETE CONSTRUCTION DETAIL SECTION 441		A CONCRETE FLUME TYPE "B" IS USED TO DIRECT SURFACE DITCH RUNOFF DOWN A BACK SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN DEPRESSED AREAS WHERE CONCENTRATED OFFSITE WATER REACHES THE CUT SLOPE. IT IS DESIGNED TO SAFELY CONVEY WATER DOWN THE CUT SLOPE. IT IS DESIGNED FOR A 25 YEAR STORM AND MUST HAVE SOME FORM OF OUTLET PROTECTION. ADDITIONAL LABELING IS NOT REQUIRED IF SHOWN AS A PERMANENT DRAINAGE STRUCTURE ON THE CONSTRUCTION PLANS. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).
	LINE CODE		
Dn2-I	PERMANENT DOWNDRAIN STRUCTURE GA. STD. 9017J TPI, D-26 TPI SECTION 576, 577.		CONCRETE DRAIN INLET WITH METAL PIPE IS USED TO DRAIN CURBS, ON A GRADE, DOWN TO A LOWER ELEVATION. THIS IS A PERMANENT STRUCTURE, REQUIRING OUTLET PROTECTION, TEMPORARY AND PERMANENT. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).
	LINE CODE		

- NOTE:
- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
  - FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION CONTROL MEASURES SEE THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
EROSION CONTROL LEGEND AND UNIFORM CODE SHEET SHEET 2 OF 6	
NO SCALE	JANUARY 2007
NUMBER EC-L2	DRAWING No. 52-002

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
Dn2-2	PERMANENT DOWN DRAIN STRUCTURE GA. STD. 9017J TP2, D-26 TP2 SECTION 576, 577.		CONCRETE DRAIN INLET AND METAL PIPE IS USED TO DRAIN CURB, IN A SAG, DOWN TO A LOWER ELEVATION. THIS IS A PERMANENT STRUCTURE, REQUIRING OUTLET PROTECTION, TEMPORARY AND PERMANENT. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).
		LINE CODE 	
Ds1	MULCH SECTION 163		THIS IS AN APPLICATION OF STRAW MULCH USED TO REDUCE SOIL EROSION AND STABILIZE THE SOIL. IT IS USED TO CONTROL EROSION IN AREAS WHERE PERMANENT VEGETATION IS OUT OF SEASON OR TO TEMPORARILY STABILIZE AREAS PRIOR TO FINAL GRADING.
		LINE CODE 	
Ds2	TEMPORARY GRASSING SECTION 163		THE SOWING OF A QUICK GROWING SPECIES OF GRASS SUITABLE TO THE AREA AND SEASON IS TO BE USED ON ALL PROJECTS.
		LINE CODE 	
Ds3	PERMANENT GRASSING SECTION 700		THE SOWING OF PERMANENT VEGETATION, SUCH AS GRASS, SUITABLE TO THE AREA AND SEASON IS TO BE USED ON ALL PROJECTS.  PERMANENT VEGETATIVE REQUIREMENTS ARE ADDRESSED BY STANDARD SPECIFICATIONS AND ARE NOT TYPICALLY SHOWN ON THE PLANS; HOWEVER, THEY MAY BE SHOWN ON THE PLANS FOR HIGHLY SENSITIVE AREAS WHERE THESE VEGETATIVE PRACTICES ARE CRITICAL.
		LINE CODE 	
Ds4	SODDING SECTION 700		THE INSTALLATION OF A SPECIES OF GRASS SODDING SUITABLE TO THE AREA AND SEASON TO PROVIDE IMMEDIATE PERMANENT VEGETATION.  SODDING MAY BE SHOWN FOR HIGHLY SENSITIVE AREAS, TO IMPROVE AESTHETICS, OR FOR SPECIAL PLANTING REQUIREMENTS ON THE BASIS OF ENVIRONMENTAL COMMITMENTS OR LANDSCAPING REQUIREMENTS.
		PATTERN 	

CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
Fr	FILTER RING CONSTRUCTION DETAIL		A TEMPORARY STONE BARRIER CONSTRUCTED AT DRAINAGE STRUCTURE INLETS. THIS REDUCES THE VELOCITY OF THE RUNOFF AND FILTERS SEDIMENT FROM THE RUNOFF. SEE CHAPTER 6 OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA FOR DESIGN CRITERIA AND DETAILS.
		LINE CODE 	
Mb	EROSION CONTROL MATS CONSTRUCTION DETAIL SECTION 716		ALL CUT OR FILL SLOPES OF 2.5:1 OR STEEPER AND WITHIN 50' OF ALL CROSS DRAINS AND CULVERTS.
		PATTERN 	
Ps	PERMANENT SOIL REINFORCING MAT CONSTRUCTION DETAIL SECTION 710		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN DITCHES TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES. (THIS IS ALSO CALLED "Mb" IN THE MANUAL FOR EROSION & SEDIMENT CONTROL IN GEORGIA.)
		LINE CODE 	
Rd	ROCK FILTER DAM CONSTRUCTION DETAIL SECTION 163, 603.		ROCK FILTER DAMS ARE CONSTRUCTED OF TYPE 3 STONE RIP RAP AND ARE USED TO PROTECT SMALL STREAMS OR DRAINAGEWAYS, TO BE USED IN SMALL DRAINAGE CHANNELS OF 50 ACRES OR LESS. THE RIP RAP SHOULD BE PLACED ON A GEOTEXTILE UNDERLINER.
		LINE CODE 	

NOTE:  
 1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.  
 2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION CONTROL MEASURES, SEE THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
EROSION CONTROL LEGEND AND UNIFORM CODE SHEET SHEET 3 OF 6	
NO SCALE	JANUARY 2007
NUMBER EC-L3	DRAWING NO. 52-003

TC	UPDATED DRAWING NO., ADDED Ds3 & Ds4 CODES, RELOC. Rp & Rt-P CODES TO DRAWING NO. 52-004.	1-24-13
TC	RELOCATED Rp, Rp & Rt-B CODES FROM ECL&LIC SHEET 4 OF 6.	10-2-12
GLO	DELETED Fg, REVISED ORDER	11-13-07
BY	REVISED TITLE BLOCK	11-19-07
	REVISION	DATE

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

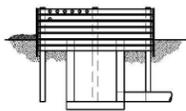
CODE	PRACTICE STD :SPC'S :SECTION	DETAIL	DESCRIPTION	
Rp	RIPRAP SECTION 603		RIP RAP IS A FLEXIBLE PERMANENT BLANKET FOR PROTECTION OF FILL SLOPES AND END ROLLS. RIP RAP, TYPE 1 SHOULD BE PLACED ON TOP OF A GEOTEXTILE UNDERLINER AT A MINIMUM 24" THICKNESS OR AS INDICATED ON THE PLANS.	
		PATTERN 		
Rt-P	RETROFITTING CONSTRUCTION DETAIL SECTION 163		A PERFORATED HALF-ROUND PIPE WITH STONE FILTER PLACED IN FRONT OF A PERMANENT STORMWATER DETENTION POND OUTLET STRUCTURE TO SERVE AS A TEMPORARY SEDIMENT FILTER.  SHOULD BE USED ONLY IN DETENTION PONDS WITH LESS THAN 30 ACRES TOTAL DRAINAGE AREA.  SHALL ONLY BE USED IN DETENTION BASINS LARGE ENOUGH TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTURBED AREA.  THIS ITEM SHOULD BE DESIGNED ACCORDING TO CHAPTER 6 IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA"	
		LINE CODE 		
Rt-B	RETROFITTING CONSTRUCTION DETAIL SECTION 163		A SLOTTED BOARD DAM WITH STONE PLACED IN FRONT OF A PERMANENT STORMWATER DETENTION POND OUTLET STRUCTURE TO SERVE AS A TEMPORARY SEDIMENT FILTER.  SHOULD BE USED ONLY IN DETENTION PONDS WITH LESS THAN 100 ACRES TOTAL DRAINAGE AREA.  SHALL ONLY BE USED IN DETENTION BASINS LARGE ENOUGH TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTURBED AREA.  THIS ITEM SHOULD BE DESIGNED ACCORDING TO CHAPTER 6 IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA"	
		LINE CODE 		
Rt-BSg1 Rt-BSg2 Rt-BSg3	SILT CONTROL GATES CONSTRUCTION DETAIL D-20 SECTION 163		A SILT CONTROL GATE IS A STRUCTURE PLACED ON A PIPE, SMALL BOX CULVERT, OR DROP INLET TO FORM A BASIN TO CATCH SILT AND PREVENT IT FROM LEAVING THE CONSTRUCTION SITE. IT IS EFFECTIVE ON SMALL DRAINAGE AREAS ONLY. DO NOT USE IN STATE WATERS.  Rt-BSg1-TYPE 1: USED ON BOX CULVERTS Rt-BSg2-TYPE 2: USED ON STRAIGHT HEADWALLS Rt-BSg3-TYPE 3: USED ON FLARED END SECTIONS AND TAPERED HEADWALLS	
				LINE CODE
Sb-F	SILT RETENTION BARRIER FLOATING SECTION 170		A FLOATING BARRIER IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY FORCING IT TO DROP OUT OF SUSPENSION BEFORE IT MOVES OUT OF THE CONSTRUCTION AREA. IT IS USUALLY USED WHERE CONSTRUCTION IS REQUIRED IN A LARGE BODY OF WATER SUCH AS LAKES AND RIVERS. IT SHOULD BE USED AS DIRECTED BY THE ENGINEER.  THIS ITEM IS ONLY TO BE USED WHEN PERMITTED FILL IS BEING PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED BMP'S.	
		LINE CODE 		

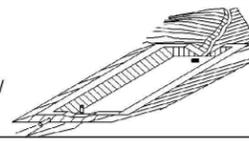
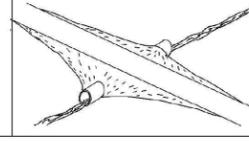
CODE	PRACTICE STD :SPC'S :SECTION	DETAIL	DESCRIPTION
Sb-S	SILT RETENTION BARRIER STAKED SECTION 170		A STAKED BARRIER IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY FORCING IT TO DROP OUT OF SUSPENSION BEFORE IT MOVES OUT OF THE CONSTRUCTION AREA. IT IS USUALLY USED WHERE CONSTRUCTION IS REQUIRED IN SHALLOW INUNDATED AREAS. IT SHOULD BE USED AS DIRECTED BY THE ENGINEER. A STAKED BARRIER MAY BE USED TO PROTECT A SMALL STREAM WHILE IT IS BEING REALIGNED OR WIDENED IN "CH". IN THIS CASE THE BARRIER SHOULD EXTEND TO THE BOTTOM OF THE STREAM. IT SHOULD BE LIMITED TO 5' IN HEIGHT UNLESS OTHERWISE DIRECTED. STAKED BARRIERS IN SMALL STREAMS SHOULD EXTEND 1' ABOVE NORMAL WATER. THIS ITEM IS ONLY TO BE USED WHEN PERMITTED FILL IS BEING PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED BMP'S.
		LINE CODE 	
Sd1-A	SILT FENCE TYPE A CONSTRUCTION DETAIL SECTION 171		USED ALONG THE TOE OF FILLS LESS THAN 10' HIGH, ALONG THE RIGHT OF WAY LINE OR PARALLEL TO STREAMS. THE FENCE SHOULD NEVER RUN CONTINUOUS. IT SHOULD TURN BACK INTO THE FILL TO CREATE SMALL POCKETS TO TRAP SILT.
		LINE CODE 	
Sd1-B	SILT FENCE TYPE B CONSTRUCTION DETAIL SECTION 171		TYPE B MAY BE USED IN LIEU OF BALED STRAW AND AT THE TOE OF FILLS LESS THAN 10 FEET HIGH.
		LINE CODE 	
Sd1-C	SILT FENCE TYPE C CONSTRUCTION DETAIL SECTION 171		A WOVEN SYNTHETIC FIBER FABRIC PLACED IN FRONT OF A WIRE FENCE. IT CAN BE USED ALONG THE TOE OF THE FILL, ALONG THE RIGHT OF WAY LINE OR PARALLEL TO STREAMS. IT IS USED TO CAPTURE SEDIMENT FROM FILLS OVER 10 FEET HIGH AND UNDER ALL BRIDGES.
		LINE CODE 	

NOTE:  
 1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.  
 2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION CONTROL MEASURES, SEE THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

1-24-13		0-2-12		11-13-07		1-19-07		DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
TC	UPDATED DRAWING NO. & RELOCATED Sd1-BB&Sd1-Hb CODES TO DRAWING NO. 52-005.	TC	RELABELLED AND RELOCATED Sd1-ASg-2, Sg-3 TO Rt-BSg1, Rt-BSg2, & Rt-BSg3 CODES AND Sd1-Bb, Sd1-Hb CODES FROM ECL&UC SHT. 5 OF 6.	GLO	REV. Sd1-A	GLO	REV. Sd1-F, Sd1-S, Sd1-A, Sd1-B AND Sd1-C.	GLO	REVISED TITLE BLOCK	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET SHEET 4 OF 6	
NO SCALE										JANUARY 2007	
BY										DRAWING No. 52-004	

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

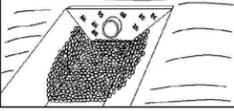
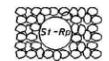
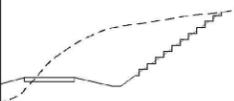
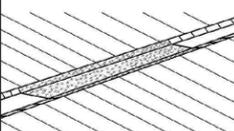
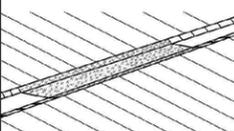
CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
(Sd1-Bb)	BRUSH BARRIER CONSTRUCTION DETAIL		THIS ITEM CONSISTS OF INTERMINGLED BRUSH, LOGS, ETC. SO AS NOT TO FORM A SOLID DAM. CONSTRUCTED AT THE TOE OF FILL SLOPES DURING THE CLEARING AND GRUBBING OPERATION. THE BARRIER SHOULD BE USED AT THE TOE OF FILL SLOPES ON GRADING PROJECTS IN RURAL AREAS WHERE SUFFICIENT RIGHT OF WAY OR EASEMENT IS AVAILABLE (10 FEET OR MORE). THE BARRIER SHOULD RUN ROUGHLY PERPENDICULAR TO THE FLOW OF WATER WHERE THIS DOES NOT CONFLICT WITH RIGHT OF WAY OR EASEMENT LIMITS. THEY WILL NOT BE PLACED IN WETLANDS. PAYMENT FOR THIS ITEM IS INCLUDED IN THE CLEARING AND GRUBBING COST. NO SEPERATE PAYMENT SHALL BE MADE.
		LINE CODE * * * (Sd1-Bb) * * *	
(Sd1-Hb)	SEDIMENT BARRIER CONSTRUCTION DETAIL SECTION 163		A BARRIER OF BALED STRAW IS USED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. IT IS USED IN DITCHES AS DITCH CHECKS OR ALONG THE TOE OF SLOPE OR RIGHT OF WAY IN FILLS LESS THAN 10 FEET HIGH. THE BALES SHOULD RUN PARALLEL TO THE SILT YIELDING AREA UNTIL THE TOP OF THE BALE IS 6 INCHES LOWER THAN THE GROUND ELEVATION OF THE BEGINNING BALE. THEY SHOULD THEN TURN INTO THE FILL WITH A LOW POINT FOR THE WATER TO DRAIN OVER THE BALE. IN DITCHES, BALED STRAW SHOULD BE PERPENDICULAR TO THE FLOW. USED FOR SLOPES LESS THAN 1%. USE 100' SPACING. BALED STRAW SHALL BE STAKED SECURELY TO THE GROUND.
		LINE CODE -s-s-s (Sd1-Hb) s-s-s-	
(Sd2-B)	BAFFLE BOX INLET SEDIMENT TRAP CONSTRUCTION DETAIL D42 SPECIFICATIONS SECTION 163		USED FOR INLETS RECEIVING RUNOFF WITH A HIGHER VOLUME OR VELOCITY. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING A Q=7 cfs.
		LINE CODE (Sd2-B)	
(Sd2-Bg)	BLOCK & GRAVEL DROP INLET PROTECTION CONSTRUCTION DETAIL D42 SPECIFICATIONS SECTION 163		USED FOR INLET PROTECTION WHERE HEAVY FLOWS ARE EXPECTED AND WHERE OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE. CAN BE USED AT CULVERT INLETS. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING A Q=5-7 cfs.
		LINE CODE (Sd2-Bg)	
(Sd2-F)	INLET SEDIMENT TRAP CONSTRUCTION DETAILS SECTION 163		(a) A SEDIMENT BARRIER CONSISTING OF A PREFABRICATED FRAME WITH FILTER FABRIC USED AROUND A DROP INLET OR CATCH BASIN (b) A SEDIMENT BARRIER CONSISTING OF A PERFORATED METAL STAND PIPE WITH FILTER FABRIC USED AROUND A DROP INLET OR CATCH BASIN (c) TYPE C SILT FENCE WITH SUPPORTING FRAME CAN BE USED AS AN ALTERNATE TO INLET SEDIMENT TRAP FOR AREAS WITH SLOPES < 5%  THIS ITEM IS USED TO PREVENT SILT FROM ENTERING THE PIPE SYSTEM. SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS. RECOMMENDED FOR INLET RECEIVING FLOWS THAT RANGE FROM Q=0-4 cfs.
		LINE CODE (Sd2-F)	

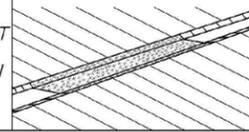
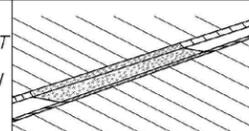
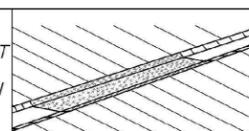
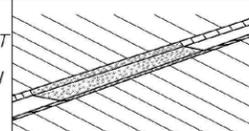
CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
(Sd2-G)	GRAVEL DROP INLET PROTECTION CONSTRUCTION DETAIL D42 SPECIFICATIONS SECTION 163		USED FOR INLET PROTECTION WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED. STONE AND GRAVEL ARE USED TO TRAP SEDIMENT. THE SLOPE TOWARD THE INLET SHALL BE NO MORE THAN 3:1. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING A Q=3-5 cfs.
		LINE CODE (Sd2-G)	
(Sd3)	SEDIMENT BASIN CONSTRUCTION DETAIL SECTION 163		A BASIN EXCAVATED OR AN AREA THAT IS DAMMED. THE BASIN IS DESIGNED TO HOLD A SEDIMENT LOAD OF 67 CUBIC YARDS OF VOLUME PER ACRE OF DRAINAGE AREA. IT IS USED FOR DRAINAGE AREAS OF 3 TO 5 ACRES OR WHERE A ROADWAY CUTS OR FILLS EXCEEDS 1,000 FEET IN LENGTH. IF A SEDIMENT BASIN IS USED ON AN AREA LARGER THAN 5 ACRES SPECIAL CONSIDERATION FOR CLEAN OUT IS REQUIRED. SUFFICIENT RIGHT OF WAY OR PERMANENT EASEMENT NEEDED FOR THE BASIN AND ACCESS FOR CLEAN OUT VIA A ROUTE WITH 3:1 SLOPES OR LESS. SEDIMENT BASINS SHOULD ALSO BE CONSIDERED WHERE HIGH FILLS OVER 30 FEET DRAIN TO ONE LOCATION.
		LINE CODE (Sd3)	
(Sr)	STREAM CROSSING SECTION 161		A TEMPORARY BRIDGE OR PIPE STRUCTURE PROTECTING A STREAM OR WATER COURSE FROM DAMAGE BY CONSTRUCTION EQUIPMENT. THIS AREA MUST BE COMPLETELY STABILIZED. THIS ITEM MUST BE DESIGNED ACCORDING TO CHAPTER 6 OF THE MANUAL FOR EROSION CONTROL IN GEORGIA
		LINE CODE (Sr)	FOR CONTRACTOR'S USE ONLY

NOTE:  
 1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.  
 2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION CONTROL MEASURES, SEE THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

1-24-13		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
TC	UPDATED DRAWING NO. & RELOCATED ST & ST-RD CODES TO DRAWING NO. 52-006.	TC	DEL. Sg-1, Sg-2, Sg-3 CODES, RELOCATED ST & ST-RD, CODES FROM ECL & UC SHIT. 6 OF 6.
GLO	REV. Sg-1, Sg-2 AND Sg-3	GLO	REVISED TITLE BLOCK
BY	DATE	DATE	DATE
NO SCALE		JANUARY 2007	
EROSION CONTROL LEGEND AND UNIFORM CODE SHEET SHEET 5 OF 6		NUMBER	DRAWING No.
EC-L5			52-005

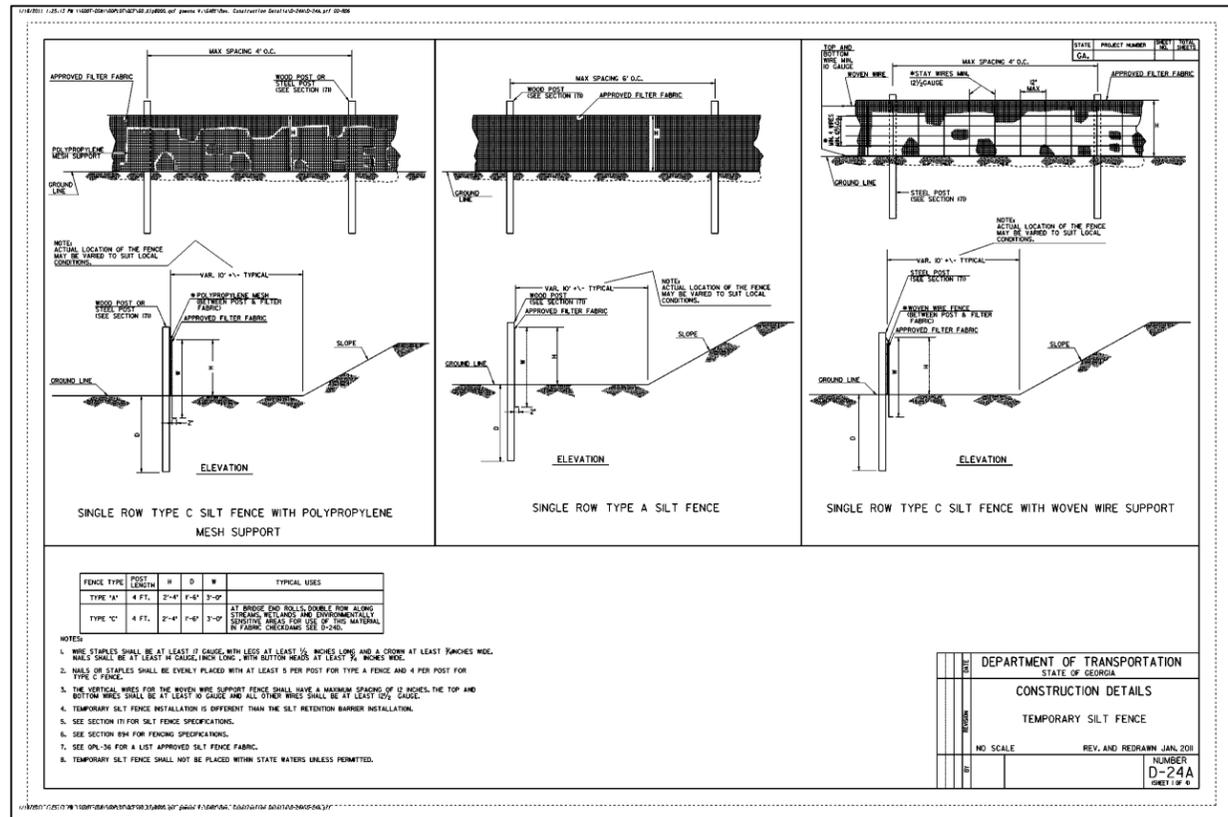
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
St	STORM DRAIN OUTLET PROTECTION GA. STD. 1125 & 2332		A PIPE OR BOX CULVERT OUTLET HEADWALL WITH AN APRON AND DISSIPATOR BLOCKS IS USED TO PREVENT EROSION AND TO SLOW WATER. IT IS USED ON THE OUTLET OF ALL BOX CULVERTS AND ON 48" AND LARGER PIPES. MAY BE USED ON INLET FOR FLOWING STREAMS. USE ON SMALL PIPES WHEN OUTLET VELOCITY IS 12 fps AND GREATER.
		LINE CODE 	
St-Rp	STORM DRAIN OUTLET PROTECTION SECTION 603		THIS ITEM IS ADDED TO "St" WHEN ADDITIONAL PROTECTION IS NEEDED. TYPE 1 RIP RAP PLACED ON FILTER FABRIC SHOULD BE USED AT A 24" THICKNESS. MAY BE USED ON INLETS FOR FLOWING STREAMS. REFER TO CHARTS IN "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR QUANTITY DETERMINATION.
		PATTERN 	
Su	SURFACE ROUGHENING SERRATED SLOPES CONSTRUCTION DETAIL SECTION 205		PROVIDING A ROUGH SOIL SURFACE WITH HORIZONTAL DEPRESSIONS, BY OPERATING A CLEATED DOZER ON THE SLOPE IN A VERTICAL DIRECTION. CREATING SERRATED SLOPES IN THE GRADING PROCESS TO CONSTRUCT BENCHES WILL REDUCE RUNOFF VELOCITY AND INCREASE INFILTRATION OF WATER.  IN MOST CASES THIS ITEM IS NOT REQUIRED TO BE SHOWN ON THE PLANS, BUT REQUIRED TO BE COMPLETED BY THE CONTRACTOR UNDER ALL PROJECTS. IF SERRATED SLOPES ARE USED ON THE PROJECT, THEN THIS ITEM SHALL BE SHOWN WHERE SERRATED SLOPES ARE TO BE USED.
		LINE CODE  (LINE CODE Su IS SHOWN ON THE PLANS FOR SERRATED SLOPES WHERE SPECIFIED IN THE SOIL SURVEY.)	
Trm-1	TURF REINFORCEMENT MAT CONSTRUCTION DETAIL SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN DITCHES TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-2 psf. (THIS IS ALSO CALLED "Mb" IN THE MANUAL FOR EROSION & SEDIMENT CONTROL IN GEORGIA.)
		LINE CODE 	
Trm-2	TURF REINFORCEMENT MAT CONSTRUCTION DETAIL SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN DITCHES TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-4 psf. (THIS IS ALSO CALLED "Mb" IN THE MANUAL FOR EROSION & SEDIMENT CONTROL IN GEORGIA.)
		LINE CODE 	

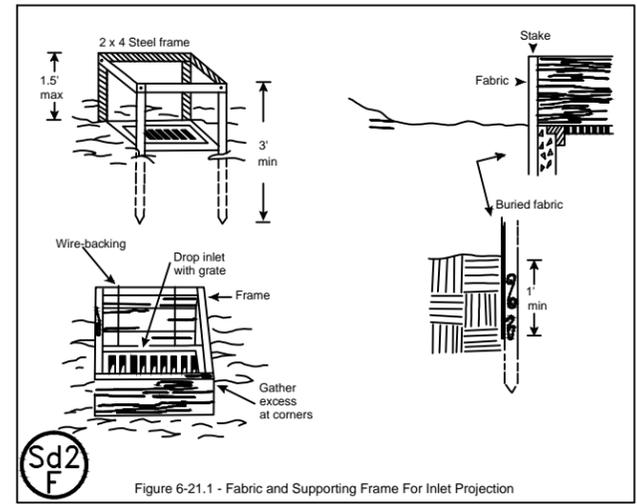
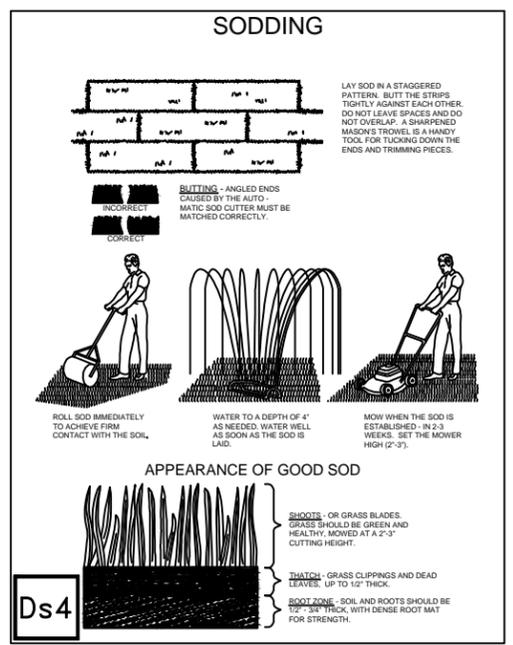
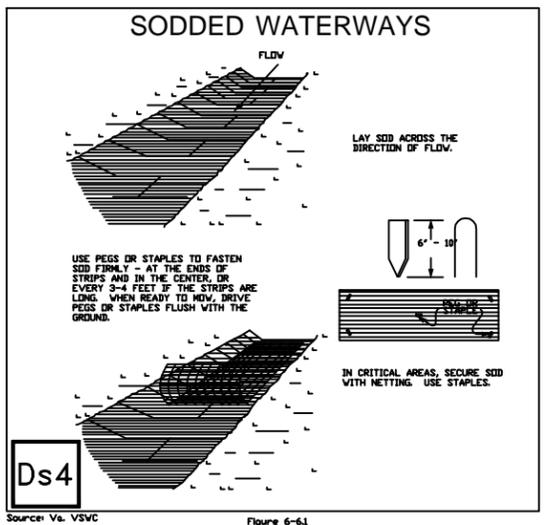
CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
Trm-3	TURF REINFORCEMENT MAT CONSTRUCTION DETAIL SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN DITCHES TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG TERM PROTECTION FOR SHEAR STRESSES 0-6 psf. (THIS IS ALSO CALLED "Mb" IN THE MANUAL FOR EROSION & SEDIMENT CONTROL IN GEORGIA.)
		LINE CODE 	
Trm-4	TURF REINFORCEMENT MAT CONSTRUCTION DETAIL SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN DITCHES TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-8 psf. (THIS IS ALSO CALLED "Mb" IN THE MANUAL FOR EROSION & SEDIMENT CONTROL IN GEORGIA.)
		LINE CODE 	
Trm-5	TURF REINFORCEMENT MAT CONSTRUCTION DETAIL SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN DITCHES TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-10 psf. (THIS IS ALSO CALLED "Mb" IN THE MANUAL FOR EROSION & SEDIMENT CONTROL IN GEORGIA.)
		LINE CODE 	
Trm-6	TURF REINFORCEMENT MAT CONSTRUCTION DETAIL SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN DITCHES TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-12 psf. (THIS IS ALSO CALLED "Mb" IN THE MANUAL FOR EROSION & SEDIMENT CONTROL IN GEORGIA.)
		LINE CODE 	

NOTE:  
 1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.  
 2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION CONTROL MEASURES, SEE THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

1-24-13		DEPARTMENT OF TRANSPORTATION	
0-2-12		STATE OF GEORGIA	
TC	UPDATED DRAWING NO.	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET SHEET 6 OF 6	
TC	ADDED Trm-1, Trm-2, Trm-3, Trm-4, Trm-5, AND Trm-6. CODES AND DESCRIPTIONS, RELOCATED St. & St-Rp. CODES TO ECL & UC SHT. 5 of 6.		
BY	NO SCALE	NOV., 2007	DRAWING No.
	NUMBER		52-006



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DRAWING TITLE: ESCP DETAILS

FOR: LUMPKIN COUNTY  
99 COURTHOUSE HILL, DAHLONEGA GA  
LUMPKIN COUNTY

DRAWN BY: LR

DRAWING NO. 2013-01

DRW NAME: 60-400 SIGN-LUMP DATE: 06/25/15 JOB#: 2013-01

54-002

REVISIONS	
DATE	DESCRIPTION