

MULCHING APPLICATION		
MATERIAL	RATE	DEPTH
STRAW OR HAY	2 1/2 TON PER ACRE	6" - 10"
WOOD WASTE, CHIPS, SANDUST, BARK	8-9 TON PER ACRE	2" - 3"

FOR FINAL STABILIZATION BED MULCH, CONTRACTOR SHALL PROVIDE MIN 3" CLEAN PINE NEEDLES, SEE PLANTING DETAILS ON C701

MULCHING APPLICATION TABLE

NOT TO SCALE

PERMANENT TURF APPLICATION BY HYDROSEEDING

IN LIME PLANS SHOW OTHERWISE, ALL GRASS AREAS AND DISTURBED AREAS SHALL BE ESTABLISHED WITH PERMANENT VEGETATION BY HYDRO-SEEDER AS FOLLOWS:

PERMANENT SEED MIX SHALL BE PER PERMONT VEGETATIVE COVERS CHART UNLESS A SEPARATE MIX IS OTHERWISE SPECIFIED ON THE PLANS OR IN THE PRODUCT SPECIFICATIONS.

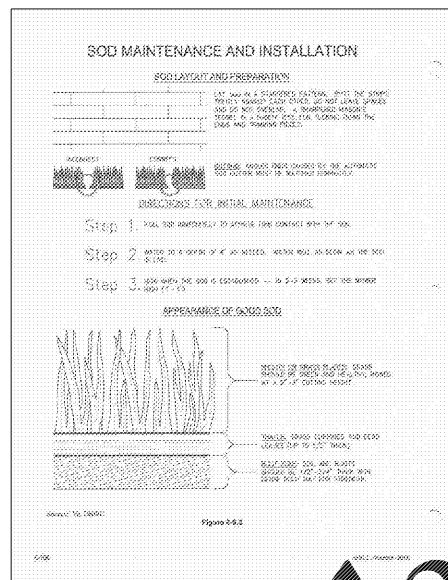
HYDROSEEDING MIX AS MANUFACTURED BY PROFILE PRODUCTS CO. (OR APPROVED EQUAL) SHALL BE APPLIED AT THE RATE OF ONE THOUSAND FIVE HUNDRED (1500) POUNDS PER ACRE ON FLAT SURFACES, TWO THOUSAND (2000) POUNDS PER ACRE ON SLOPES UP TO 3% TO 10%, AND TWO THOUSAND FIVE HUNDRED (2500) POUNDS PER ACRE ON SLOPES GREATER THAN 10% TO 15%. APPLY SEED FERTILIZER LIME, AND FIBER IN ONE OPERATION.

EXISTING TREES AND SHRUBS IN HYDRO-SEEDING AREA SHALL BE PROTECTED DURING HYDRO-SEEDING.

PIEDMONT VEGETATIVE COVERS				SOIL AMENDMENTS		
MONTH	TEMPORARY	PERMANENT	RATE / ACRE	LIME	4-0-0	ATYONIA NITRATE
JANUARY	RYE GRASS	UNALLEI BERBERIS	40 LBS	60 LBS PER 1000 SQ FT	40 LBS PER 1000 SQ FT	300 LBS PER ACRE
FEBRUARY	RYE GRASS	UNALLEI BERBERIS	40 LBS	60 LBS PER 1000 SQ FT	40 LBS PER 1000 SQ FT	300 LBS PER ACRE
MARCH	RYE GRASS	UNALLEI BERBERIS	40 LBS	60 LBS PER 1000 SQ FT	40 LBS PER 1000 SQ FT	300 LBS PER ACRE
APRIL	RYE GRASS	UNALLEI BERBERIS	40 LBS	60 LBS PER 1000 SQ FT	40 LBS PER 1000 SQ FT	300 LBS PER ACRE
MAY	RYE GRASS	UNALLEI BERBERIS	40 LBS	60 LBS PER 1000 SQ FT	40 LBS PER 1000 SQ FT	300 LBS PER ACRE
JUNE	RYE GRASS	UNALLEI BERBERIS	40 LBS	60 LBS PER 1000 SQ FT	40 LBS PER 1000 SQ FT	300 LBS PER ACRE
JULY	RYE GRASS	UNALLEI BERBERIS	40 LBS	60 LBS PER 1000 SQ FT	40 LBS PER 1000 SQ FT	300 LBS PER ACRE
AUGUST	RYE GRASS	UNALLEI BERBERIS	40 LBS	60 LBS PER 1000 SQ FT	40 LBS PER 1000 SQ FT	300 LBS PER ACRE
SEPTEMBER	RYE GRASS	UNALLEI BERBERIS	40 LBS	60 LBS PER 1000 SQ FT	40 LBS PER 1000 SQ FT	300 LBS PER ACRE
OCTOBER	RYE GRASS	UNALLEI BERBERIS	40 LBS	60 LBS PER 1000 SQ FT	40 LBS PER 1000 SQ FT	300 LBS PER ACRE
NOVEMBER	RYE GRASS	UNALLEI BERBERIS	40 LBS	60 LBS PER 1000 SQ FT	40 LBS PER 1000 SQ FT	300 LBS PER ACRE
DECEMBER	RYE GRASS	UNALLEI BERBERIS	40 LBS	60 LBS PER 1000 SQ FT	40 LBS PER 1000 SQ FT	300 LBS PER ACRE

VEGETATIVE PLAN- PIEDMONT VEGETATIVE COVERS

NOT TO SCALE



SOD APPLICATION			
GRASS	VARIETIES	RESOURCE AREA	GROWING SEASON
BERBERIS GRASS	COMMON TRIFOLIUM TRIFOLIUM	M-L P C	WARM WEATHER
BAHIA GRASS	PENNSYLVANIA	P C	WARM WEATHER
CENTIPEDIA	COMMON	C C C	WARM WEATHER
ST. AUGUSTINE	BITERNELLE	P C	WARM WEATHER
ZOTCHA	HYPER	P C	WARM WEATHER
TALL FESCUE	KENTUCKY	M-L P	COOL WEATHER

FERTILIZER REQUIREMENTS			
SPECIES	PLANTING YEAR	FERTILIZER N-P-K	RATE LBS/AC
COOL SEASON GRASSES	FIRST SEASON	4-0-0	400
WARM SEASON GRASSES	FIRST SEASON	4-0-0	400

SOIL SURFACE APPLICATION		
FERTILIZER TYPE	FERTILIZER RATE	SEASON
LIME	40 LBS/AC	FALL

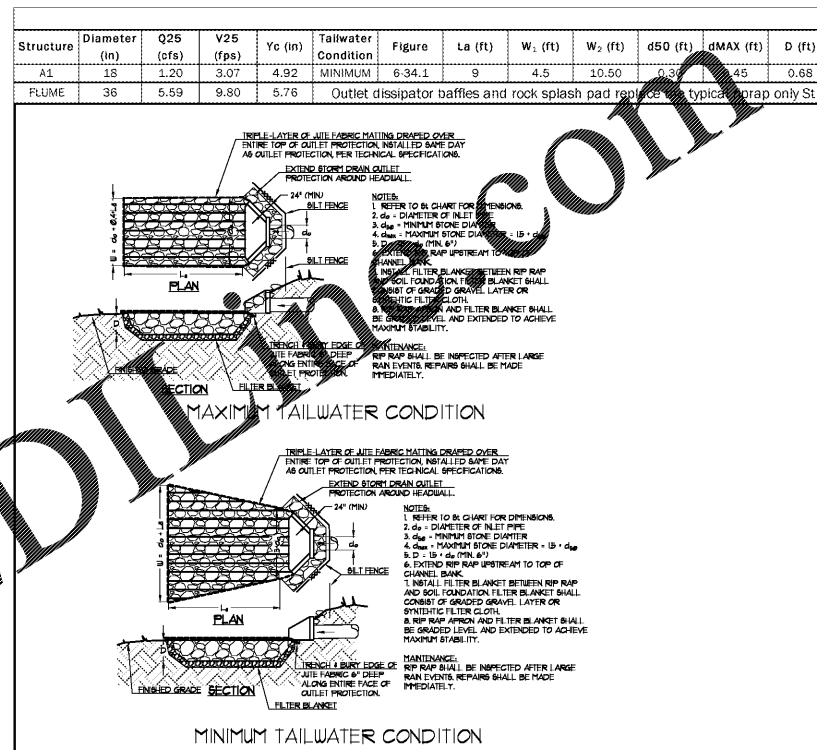
VEGETATIVE PLAN FOR SODDING

NOT TO SCALE

Table 6-5.1. Fertilizer Requirements

TYPE OF SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE	N TOP DRESSING RATE
1. Cool season grasses	First	6-12-12	1800 lbs./ac.	50-100 lbs./ac. 1/2
	Second	6-12-12	1000 lbs./ac.	30
	Maintenance	10-10-10	400 lbs./ac.	30
2. Cool season grasses and legumes	First	6-12-12	1600 lbs./ac.	0-50 lbs./ac. 1/
	Second	0-10-10	1000 lbs./ac.	30
	Maintenance	0-10-10	400 lbs./ac.	30
3. Ground covers	First	10-10-10	1300 lbs./ac. 3/	30
	Second	10-10-10	1300 lbs./ac. 3/	30
	Maintenance	10-10-10	1100 lbs./ac.	30
4. Pine seedlings	First	20-10-5	one 21-gram pellet per seedling placed in the closing hole	30 lbs./ac. 5/
	Maintenance	0-10-10	700 lbs./ac. 700 lbs./ac. 4/	30 lbs./ac. 5/
5. Shrub Lespedeza	First	6-10-10	700 lbs./ac.	30 lbs./ac. 5/
	Second	0-10-10	700 lbs./ac. 4/	30 lbs./ac. 5/
	Maintenance	10-10-10	400 lbs./ac.	30 lbs./ac. 5/
6. Temporary cover crops seeded alone	First	10-10-10	600 lbs./ac.	30 lbs./ac. 5/
	Second	6-12-12	1500 lbs./ac.	50-100 lbs./ac. 2/6/
	Maintenance	6-12-12	800 lbs./ac.	50-100 lbs./ac. 2/ 30 lbs./ac.
7. Warm season grasses	First	6-12-12	1500 lbs./ac.	50-100 lbs./ac. 2/6/
	Second	6-12-12	800 lbs./ac.	50-100 lbs./ac. 2/ 30 lbs./ac.
	Maintenance	10-10-10	400 lbs./ac.	30 lbs./ac.
8. Warm season grasses and legumes	First	6-12-12	1800 lbs./ac.	50 lbs./ac. 6/
	Second	0-10-10	1000 lbs./ac.	30 lbs./ac.
	Maintenance	0-10-10	400 lbs./ac.	30 lbs./ac.

- 1/ Apply in spring following seeding.
- 2/ Apply in split applications when high rates are used.
- 3/ Apply in 3 split applications.
- 4/ Apply when plants are pruned.
- 5/ Apply to grass species only.
- 6/ Apply when plants grow to a height of 2 to 4 inches.



Temporary Excavated Inlet Sediment Trap Calculations (SD2-E)										
Information below provided as required by page 6-155, GSWCC 2016 Edition										
Drainage Structure ID No.	Plan Sheet Reference	1 Drainage Area (acres)	2 Req. Sediment Storage (cy)	3 Assumed Excavation Depth (ft)	4 Assumed Side Slope (X:1)	5 Min. Surface Area (sf)	6a Excavation Shape	6b Excavation Width (ft)	6c Excavation Length (ft)	7 Storage Provided (cy)
STRC. 81	C4.20	0.2	13.4	2	2	180.90	Rectangular	10	20	14.81
STRC. TEMP #1	C4.20	0.22	14.74	2	2	198.99	Rectangular	10	20	14.81
AD #1	C4.20	0.07	4.69	2	2	63.32	Rectangular	6	12	5.33
AD #2	C4.20	0.05	3.35	2	2	45.23	Rectangular	5	10	3.70
AD #3	C4.20	0.37	24.79	2	2	334.67	Rectangular	13	26	25.04

Min. Required Storage is 67 CY per Acre of Drainage Area

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 GEORGIA 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 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 WQDES PERMIT NO. GA8 00000.

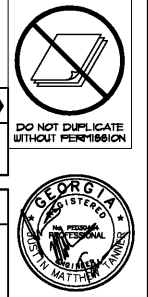
SIGNED: *[Signature]* DATE: 04-05-2021
 CERTIFIED GEORGIA PROFESSIONAL ENGINEER
 GEORGIA REGISTRATION NO. 1150000001
 EXPIRATION DATE: 01-01-2024
 COMPANY: EROSION CONTROL PLANNING, INC.

24-HOUR EROSION CONTACT

NAME: BROCK TISON
 COMPANY: COCOPE COUNTY SCHOOLS
 EMAIL: ADDRESS@COCOPECOUNTYSCHOOLS.GA
 PHONE NUMBER: 904-301-2800

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 COMPLETE CERTAIN ITEMS. DO NOT SEPARATE THIS SET OF DRAWINGS INTO INDIVIDUAL SHEETS.



ADDITION TO COLHAM FERRY ELEMENTARY SCHOOL

181 COLHAM FERRY ROAD WATKINSVILLE, GA 30681

COCOPE COUNTY BOARD OF EDUCATION
 10000 W. STATE ROAD 46
 DUE FACILITY CODE 3000

ES&PC CALCULATIONS & VEGETATIVE PRACTICES

cunningham forhand matthews moore

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

DATE: DECEMBER 8, 2020
 SHEET: 6-11-2017-26
 DRAWN BY: JCH
 CHECKED BY: TMS

C4.40