

TYPE OF SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE	N TOP DRESSING RATE
1. COOL SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 LBS/AC 1000 LBS/AC 400 LBS/AC	50-100 LBS/AC 1/2 30
2. COOL SEASON GRASSES AND LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 LBS/AC 1000 LBS/AC 400 LBS/AC	0-50 LBS/AC 1/
3. GROUND COVERS	FIRST SECOND MAINTENANCE	10-10-10 10-10-10 10-10-10	1300 LBS/AC 3/ 1300 LBS/AC 3/ 1100 LBS/AC	-
4. SHRUBS LESPEDEZA	FIRST MAINTENANCE	6-12-12 6-12-12 10-10-10	700 LBS/AC 700 LBS/AC 4/	-
5. TEMPORARY COVER CROPS SEEDED ALONE	FIRST	10-10-10	500 LBS/AC	30 LBS/AC 5/
6. WARM SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 LBS/AC 800 LBS/AC 400 LBS/AC	50-100 LBS/AC 2/6/ 50-100 LBS/AC 2/ 30 LBS/AC
7. WARM SEASON GRASSES AND LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 LBS/AC 1000 LBS/AC 400 LBS/AC	50 LBS/AC 6/

- MULCHING RATES:**
1. DRY STRAW: 2 TONS PER ACRE.
2. DRY HAY: 2-1/2 TONS PER ACRE.
3. FOR HYDRAULIC SEEDING USE WOOD DOLLWOOD MULCH OR WOOD PULP FIBER AT THE RATE OF 500 POUNDS PER ACRE.
4. APPLY IN SPRING FOLLOWING SEEDING.
5. APPLY IN SPLIT APPLICATIONS WHEN HIGH RATES ARE USED.
6. APPLY WHEN PLANTS ARE PRUNED.
7. APPLY TO GRASS SPECIES ONLY.
8. APPLY WHEN PLANTS GROW TO A HEIGHT OF 2 TO 4 INCHES.

FERTILIZER AND MULCHING REQUIREMENTS
SCALE: NTS E41

Ds1

SPECIES	BROADCAST		RESOURCE AREA	PLANTING DATES												REMARKS		
	PER ACRE	PER 1000 SF		J	F	M	A	M	J	J	A	S	O	N	D			
BARLEY			M-L 4/ P C															14,000 SEED PER POUND WINTER HARDY. USE ON PRODUCTIVE SOILS.
ALONE	144 LBS	3.3 LBS																
IN MIXTURE	24 LBS	0.6 LBS																
LESPEDEZA, ANNUAL			M-L P C															200,000 SEED PER POUND MAY VOLUNTEER FOR SEVERAL YEARS USE INOCULANT EL.
ALONE	40 LBS	0.9 LBS																
IN MIXTURE	10 LBS	0.2 LBS																
LOVEGRASS, WEEPING			M-L P C															1,500,000 SEED PER POUND MAY LAST FOR SEVERAL YEARS. MIX WITH SERICEA LESPEDEZA.
ALONE	4 LBS	0.1 LBS																
IN MIXTURE	2 LBS	0.2 LBS																
MILLET, BROWN TOP			M-L P C															137,000 SEED PER POUND. QUICK DENSE COVER. WILL PROVIDE TOO MUCH COMPETITION IN MIXTURES IS SEED AT HIGH RATES.
ALONE	40 LBS	0.9 LBS																
IN MIXTURE	10 LBS	0.2 LBS																
RYE			M-L P C															18,000 SEED PER POUND. QUICK COVER. DROUGHT TOLERANT AND WINTER HARDY.
ALONE	3 BU	3.9 LBS																
IN MIXTURE	12 BU	0.6 LBS																
RYEGRASS, ANNUAL			M-L P C															227,000 SEED PER POUND. DENSE COVER. VERY COMPETITIVE AND IS NOT TO BE USED IN MIXTURES.
ALONE	50 LBS	0.9 LBS																

M-L REPRESENTS TO MOUNTAIN, BLUE RIDGE, AND RIDGES AND VALLEYS MLRA'S
C REPRESENTS THE SOUTHERN COASTAL PLAIN, SAND HILLS, AND ATLANTIC COAST, FLATWOODS MLRA'S

DISTURBED AREA STABILIZATION (TEMP)
SCALE: NTS E42

Ds2

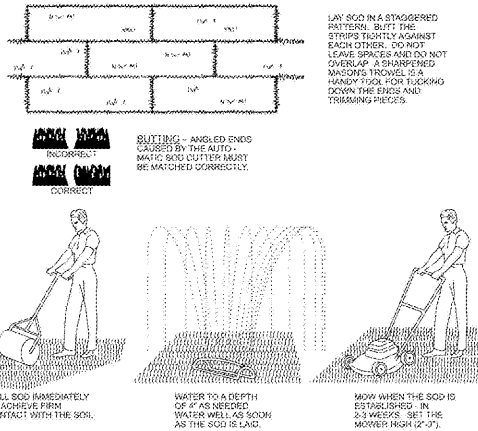
SPECIES	BROADCAST		RESOURCE AREA	PLANTING DATES												REMARKS		
	PER ACRE	PER 1000 SF		J	F	M	A	M	J	J	A	S	O	N	D			
BERMUDA, COMMON HULLED SEED			P C															1,787,000 SEED PER POUND. QUICK COVER. VERY COMPETITIVE AND IS NOT TO BE USED IN MIXTURES. GOOD FOR ALL TYPES OF FIELDS.
ALONE	10 LBS	0.2 LBS																
WITH OTHER PERENNIALS	6 LBS	0.1 LBS																
BERMUDA, COMMON UNHULLED SEED			P C															PLANT WITH WINTER ANNUALS AND PERENNIALS.
WITH TEMP COVER	10 LBS	0.2 LBS																
WITH OTHER PERENNIALS	6 LBS	0.1 LBS																
CENTPEDE			M-L P															DROUGHT TOLERANT. FULL SUN OR PARTIAL SHADE. PLANT ADJACENT TO CONC. AND IN CONCENTRATED FLOW AREAS. IRRIGATION NEEDED UNTIL FULLY ESTABLISHED. DO NOT PLANT NEAR PASTURES.
ALONE	BLOCK SOD ONLY																	
CROWN VETCH			M-L P C															100,000 SEED PER POUND. DENSE GROWTH. DROUGHT TOLERANT AND FIRE RESISTANT. USE FROM NORTH ATLANTA & NORTHWARD.
WITH WINTER ANNUALS OR COOL SEASON GRASSES	15 LBS	0.3 LBS																
FESCUE, TALL			M-L P C															227,000 SEED PER POUND. USE ALONE ONLY ON BETTER SITES. NOT FOR DROUGHTY SOILS. NOT FOR HEAVY USE.
ALONE	50 LBS	1.4 LBS																
WITH OTHER PERENNIALS	30 LBS	1.7 LBS																
LESPEDEZA			M-L P C															300,000 SEED PER POUND. HEIGHT OF GROWTH IS 18 TO 24 INCHES. ADVANTAGES IN URBAN AREAS. MIX W/ WEEPING LOVEGRASS, COMMON BERMUDA BAHIA, TALL FESCUE, OR WINTER ANNUALS. INOCULATE SEED WITH EL INOCULANT.
SCARIFIED UNSCARIFIED	50 LBS	1.4 LBS																
WITH OTHER PERENNIALS	30 LBS	1.7 LBS																

M-L REPRESENTS TO MOUNTAIN, BLUE RIDGE, AND RIDGES AND VALLEYS MLRA'S
P-C REPRESENTS THE SOUTHERN COASTAL PLAIN, SAND HILLS, BLACK LANDS, AND ATLANTIC COAST.
C REPRESENTS THE SOUTHERN COASTAL PLAIN, SAND HILLS, BLACK LANDS, AND ATLANTIC COAST, FLATWOODS MLRA'S

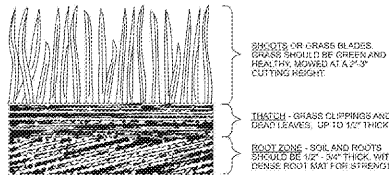
DISTURBED AREA STABILIZATION (PERM)
SCALE: NTS E43

Ds3

SODDING



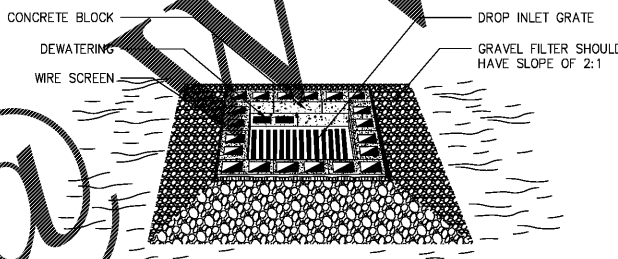
APPEARANCE OF GOOD SOD



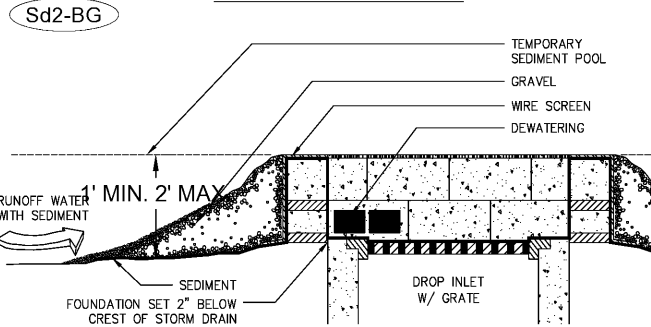
DISTURBED AREA STABILIZATION (SOIL)

NO SCALE

Ds4



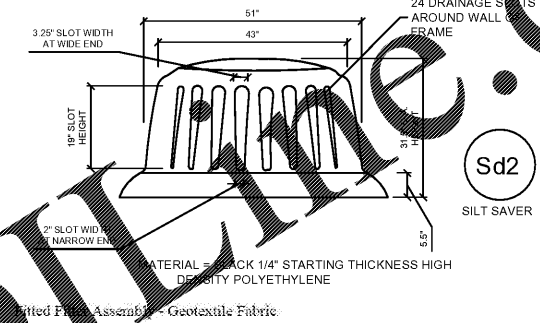
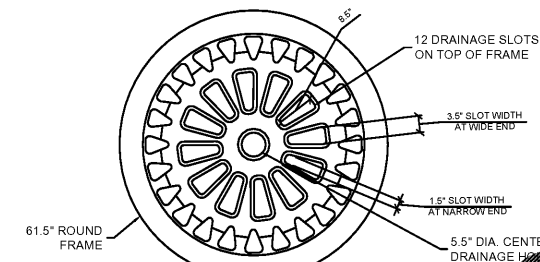
BLOCK AND GRAVEL SECTION



- NOTE:
1. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2 INCH OPENINGS SHALL BE FITTED OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
2. THE FOUNDATION SHOULD BE EXCAVATED AT LEAST 2 INCHES BELOW THE CREST OF THE STORM DRAIN. THE FIRST ROW OF BLOCKS WILL BE PLACED HERE FOR LATERAL SUPPORT.
3. ONE BLOCK (AS SHOWN) IS TO BE PLACED ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW FOR POOL DRAINAGE.
4. CONCRETE BLOCK WITH FILTER FABRIC AND GRAVEL FILTER SHALL BE PLACED AROUND ALL WEIR INLETS, CATCH BASINS, AND MANHOLES PER THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.

EXCAVATED INLET BLOCK AND GRAVEL SEDIMENT TRAP

CONTACT RACETRAC PETROLEUM, INC. PROJECT MANAGER PRIOR TO ANY REVISIONS TO THE PLAN SUPPLIED BY RACETRAC PETROLEUM, INC.



- NOTES:
1. CONTRACTOR SHALL PROVIDE TIFWAY 419 BERMUDA HYBRID SOD. COORDINATE WITH LANDSCAPE PLAN.
2. CONTRACTOR SHALL TEST SOIL TO DETERMINE EXACT REQUIREMENTS FOR SOIL SURFACE FERTILIZER.
3. SOD SHALL BE STRONGLY ROOTED TWO YEAR OLD STOCK. THE SOD SHALL BE TOP QUALITY CERTIFIED SOD, FREE OF WEEDS, UNDESIRABLE NATIVE GRASSES, INSECTS AND DISEASES, AND UNIFORM IN THICKNESS. PROVIDE CERTIFICATION TAG TO OWNER. ALL SOD SHALL BE MACHINE CUT AND VIGOROUSLY GROWING (NOT DORMANT).
4. LAY SOD WITHIN 24 HOURS FROM TIME OF STRIPPING. DO NOT PLANT DORMANT SOD OR IF GROUND IS FROZEN.
5. LAY SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. BUTT ENDS AND SIDES OF SOD STRIPS. DO NOT OVERLAP.
6. IN SLOPING AREAS, SOD SHALL BE LAID WITH THE LONG EDGES PARALLEL TO THE CONTOURS AND WITH JOINTS STAGGERED.
7. SOD SHALL BE SECURED IN PLACE WITH STAPLES ON SLOPES GREATER THAN 3:1.
8. STAPLES FOR SOD STAKING SHALL BE NO. 11 GAUGE STEEL WIRE, U-SHAPED WITH LEGS 12 INCHES IN LENGTH AND 1 INCH CROWN. STAPLES SHALL BE PLACED AT INTERVALS NO GREATER THAN 2 FEET ON CENTER. TOPS OF STAPLES SHALL BE DRIVEN FLUSH WITH SOD AS NOT TO INTERFERE WITH MOWING OPERATIONS.
9. TAMP OR ROLL TO INSURE CONTACT WITH SOIL. WORK SIFTED SOIL INTO MINOR CRACKS BETWEEN PIECES OF SOD. REMOVE EXCESS SOIL TO AVOID SMOTHERING ADJACENT GRASS.
10. SOD SHALL BE WATERED IMMEDIATELY AFTER ROLLING OR TAMPING.

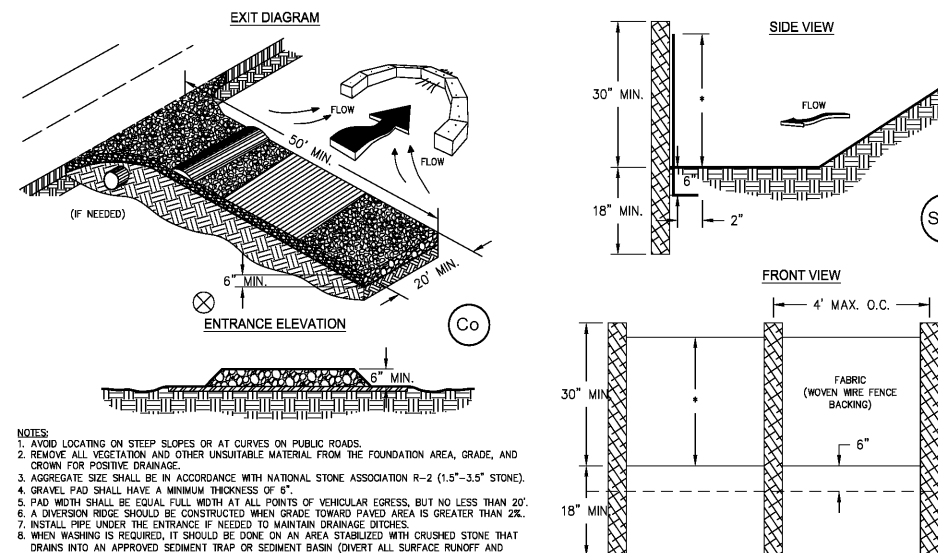
The filter fabric shall be capable of reducing effluent turbidity and concentration by no less than 80% under typical sediment migration conditions.

Fitted Filter Assembly shall be constructed with integral anti-buoyancy pockets capable of holding no less than 3.0 CF of stabilization material.

The Fitted Filter Assembly shall be constructed to form a two-stage design, stage one shall be adjacent to the perimeter of the Main Housing and convey normal flows at a minimum clean water flow rate of 100 gpm per sq. ft.; stage two shall provide coarse screening across the top of the Main Housing and convey high flow rates, with a minimum apparent opening of 1/8" per sq. in. (NO.12 std sieve opening).

All seaming of components associated with the Filter Fabric Assembly shall use a continuous over edge sew through seam using a 1680 den thread and meet American Society for Testing and Materials (ASTM) D6193-97, Standard Practice for Stitches and Seams.

SILT SAVER FRAME AND SPECIFICATIONS
SCALE: NTS



- NOTES:
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20".
6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (OVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
9. WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

CRUSHED STONE CONSTRUCTION EXIT

SILT FENCE: TYPE C - SENSITIVE

02/26/18 DATE

JURISDICTIONAL COMMENTS

1 NO

Columbia Engineering
2842 BUCKFORD HIGHWAY
DUBLIN, GEORGIA 30098
(770) 925-0337

REGISTERED PROFESSIONAL ENGINEER
No. 03007
STATE OF GEORGIA

THESE PLANS ARE SUBJECT TO FEDERAL COPYRIGHT LAWS. ANY USE OF SAME WITHOUT THE EXPRESS WRITTEN PERMISSION OF RACETRAC PETROLEUM, INC. IS PROHIBITED.

RACETRAC PETROLEUM, INC.
200 GALLERIA PARKWAY
SUITE 800, ATLANTA, GA 30339
(770) 481-7600

EROSION CONTROL DETAILS
PEACHTREE CORNERS RACETRAC
PEACHTREE PARKWAY @ ENGINEERING DR
PEACHTREE CORNERS, GEORGIA
GWINNETT COUNTY

DRAWN BY JCW
DATE 01/15/2018
SCALE N/A
DRAWING NAME 4807.00-Details.dwg
SHEET NO. C-2.6
VERSION 1