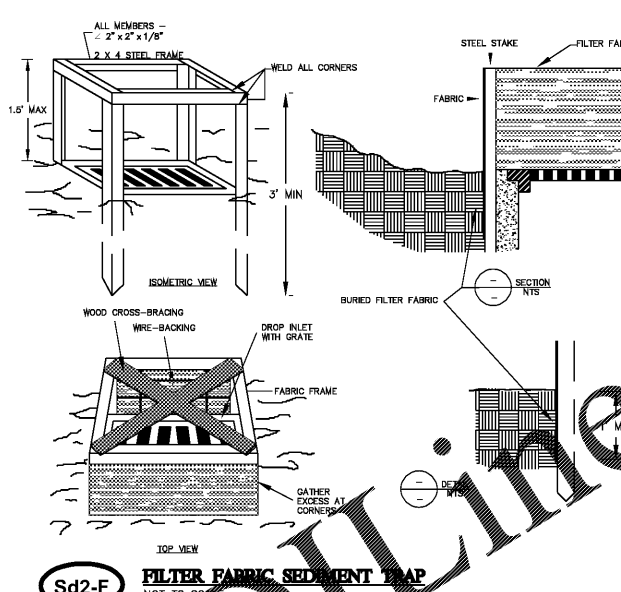


PLANTS, PLANTING RATES, AND PLANTING DATES FOR TEMPORARY COVER OR COMPANION CROPS 1/

SPECIES	BROADCAST RATES 2/ - PLS 3/ PER 1000 S.F.	RESOURCE AREA 4/	PLANTING DATES												REMARKS		
			J	F	M	A	M	J	J	A	S	O	N	D			
BARLEY (Hordeum vulgare) ALONE IN MIXTURES	144 LBS. 24 LBS.	3.3 LBS. 0.6 LBS.	M-L P C														14,000 SEEDS PER POUND WINTERHARDY. USE ON PRODUCTIVE SOILS.
LESPEDEZA, ANNUAL (Lespedeza striata) ALONE IN MIXTURES	40 LBS. 10 LBS.	0.9 LBS. 0.2 LBS.	M-L P C														200,000 SEEDS PER POUND, MAY VOLUNTEER PER SEVERAL YEARS. USE INOCULANT FL.
LOVEGRASS, WEEPING (Eragrostis curvula) ALONE IN MIXTURES	4 LBS. 2 LBS.	0.1 LBS. 0.05 LBS.	M-L P C														1,500,000 SEEDS PER POUND. MAY LAST FOR SEVERAL YEARS. MIX WITH SERICEA LESPEDEZA
MILLET, BROWNTOP (Panicum trichocaulum) ALONE IN MIXTURES	40 LBS. 10 LBS.	0.9 LBS. 0.2 LBS.	M-L P C														137,000 SEEDS PER POUND. QUICK DENSE COVER. WILL PROVIDE TOO MUCH COMPETITION IN MIXTURES IF SEEDED AT HIGH RATES.
MILLET, PEARL (Pennisetum glaucum) ALONE IN MIXTURES	50 LBS.	1.1 LBS.	M-L P C														88,000 SEEDS PER POUND. QUICK, DENSE COVER. MAY REACH 5 FEET IN HEIGHT. NOT RECOMMENDED IN MIXTURES
OATS (Avena sativa) ALONE IN MIXTURES	128 LBS. 32 LBS.	2.9 LBS. 0.7 LBS.	M-L P C														13,000 SEEDS PER POUND. USE ON PRODUCTIVE SOILS. NOT AS WINTERHARDY AS RYE OR BARLEY.
RYE (Secale cereale) ALONE IN MIXTURES	168 LBS. 28 LBS.	3.9 LBS. 0.6 LBS.	M-L P C														18,000 SEEDS PER POUND. QUICK COVER. DROUGHT TOLERANT AND WINTERHARDY.
RYEGRASS, ANNUAL (Lolium temulentum) ALONE IN MIXTURES	40 LBS.	0.9 LBS.	M-L P C														227,000 SEEDS PER POUND. DENSE COVER. VERY COMPETITIVE AND IS NOT TO BE USED IN MIXTURES.
SUDANGRASS (Sorghum sudanense) ALONE	60 LBS.	1.4 LBS.	M-L P C														55,000 SEEDS PER POUND. GOOD ON DROUGHTY SITES. NOT RECOMMENDED FOR MIXTURES.
TRITICALE (X-Triticosecale) ALONE IN MIXTURES	144 LBS. 24 LBS.	3.3 LBS. 0.6 LBS.	C														USE ON LOWER PART OF SOUTHERN COASTAL PLAIN AND IN ATLANTIC COASTAL FLATWOODS ONLY.
WHEAT (Triticum aestivum) ALONE IN MIXTURES	180 LBS. 30 LBS.	4.1 LBS. 0.7 LBS.	M-L P C														15,000 SEED PER POUND. WINTERHARDY.

- NOTES:**
1. APPLY TO ALL EXPOSED AREAS WITHIN 14 DAYS OF DISTURBANCE.
 2. IF DISTURBED AREAS ARE TO BE LEFT UNDISTURBED FOR LESS THAN 6 MONTHS USE TEMPORARY GRASSING; OTHERWISE USE PERMANENT GRASSING.
 3. SOIL TO RECEIVE GRASSING IS TO BE SCARIFIED TO PROVIDE A PLACE FOR THE SEED TO LODGE AND GERMINATE.
 4. APPLY AGRICULTURAL LIME AT A RATE OF ONE TON PER ACRE.
 5. FOR LOW FERTILITY SOILS, APPLY 500-700 LBS. OF 10-10-10- FERTILIZER PER ACRE. APPLY BEFORE LAND PREPARATION AND INCORPORATE WITH A DISK, RIPPER, OR CHISEL.
 6. APPLY SEED BY HAND, CYCLONE SEEDER, DRILL OULIPACER-SEEDER OR HYDRAULIC SEEDER. RAKE SOIL LIGHTLY TO COVER SEED WHEN APPLIED BY HAND.
 7. PROVIDE WATER AS REQUIRED TO GERMINATE AND MAINTAIN A HEALTHY THICK COVER OF GRASS.
- MAINTENANCE REQUIREMENTS:**
- INSPECT ALL AREAS WHERE TEMPORARY GRASSING HAD BEEN APPLIED. WHEN COVER IS SPARSE, SCARIFY THE AREA, TEST SOIL FERTILITY, APPLY FERTILIZER AS NECESSARY AND RESEED WHERE EROSION HAS OCCURRED, REPAIR PRIOR TO ABOVE STEPS.

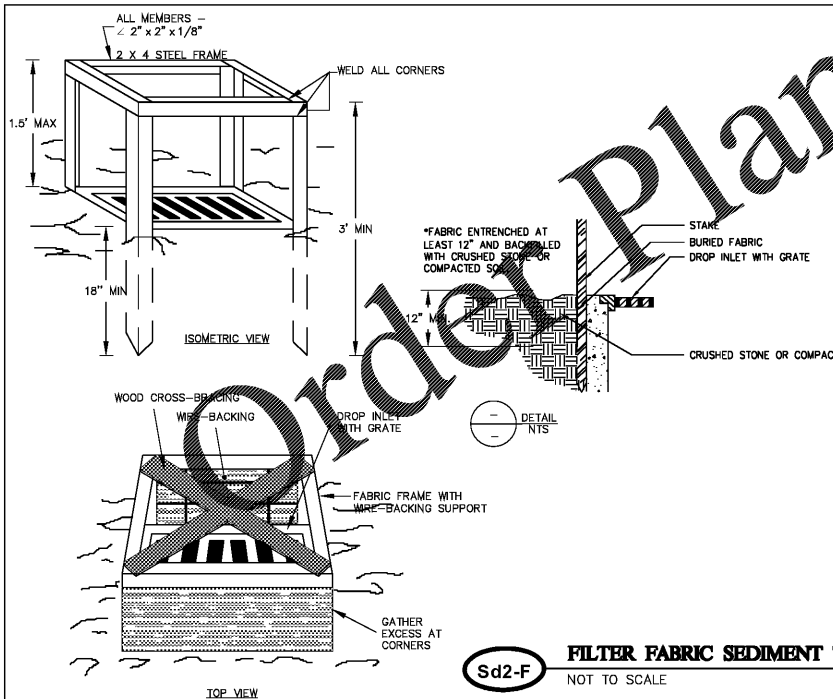


- REQUIREMENTS:**
1. SEDIMENT TRAPS MAY BE CONSTRUCTED ON NATURAL GROUND SURFACE ON AN EXCAVATED SURFACE, OR ON MACHINE COMPACTED FILL, PROVIDED THEY HAVE A NONERODIBLE OUTLET.
 2. USE TYPE "C" SILT FENCE SUPPORTED BY STEEL POSTS. SPACE STAKES EVENLY AROUND THE PERIMETER OF THE INLET A MAXIMUM 3 FEET APART, AND SECURELY DRIVE THEM INTO THE GROUND, APPROXIMATELY 18 INCHES DEEP.
 3. TO PROVIDE NEEDED STABILITY TO THE INSTALLATION, FRAME WITH A 2X4 INCH WOOD STRIPS AROUND THE CREST OF THE OVERFLOW AREA AT A MAXIMUM OF 1.5 FEET ABOVE THE DROP INLET CREST.
 4. PLACE THE BOTTOM 12 INCHES OF THE FABRIC IN A TRENCH AND BACKFILL THE TRENCH WITH AT LEAST 4 INCHES OF CRUSHED STONE OR 12 INCHES OF COMPACTED SOIL.
 5. FASTEN FABRIC AND WIRE SECURELY TO THE POSTS. FABRIC ENDS MUST BE OVERLAPPED A MINIMUM OF 18" OR WRAPPED TOGETHER AROUND A POST TO PROVIDE A CONTINUOUS FABRIC BARRIER AROUND THE INLET.
 6. THE TOP OF THE FRAME AND FABRIC MUST BE WELL BELOW THE GROUND ELEVATION DOWNWARD FROM THE DROP INLET TO KEEP RUNOFF FROM BYPASSING THE INLET. IT MAY BE NECESSARY TO BUILD A TEMPORARY DIKE ON THE DOWN SLOPE SIDE OF THE STRUCTURE TO PREVENT BYPASS FLOW.
- MAINTENANCE REQUIREMENTS:**
- THE TRAP SHALL BE INSPECTED DAILY AND AFTER EACH RAIN AND REPAIRS MADE AS NEEDED. SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE TRAP. **SEDIMENT SHALL NOT BE WASHED INTO THE INLET.** IT SHALL BE REMOVED FROM THE SEDIMENT TRAP AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET, AGAIN. WHEN CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, ALL MATERIALS AND ANY SEDIMENT SHALL BE REMOVED, AND EITHER SALVAGED OR DISPOSED OF PROPERLY. THE DISTURBED AREA SHALL BE BROUGHT TO PROPER GRADE, THEN SMOOTHED AND COMPACTED. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND THE INLET.
- NOTE:**
1. THE MAXIMUM DRAINAGE AREA ALLOWED TO FLOW TO ANY ONE INLET SEDIMENT TRAP IS 1.0 ACRE.

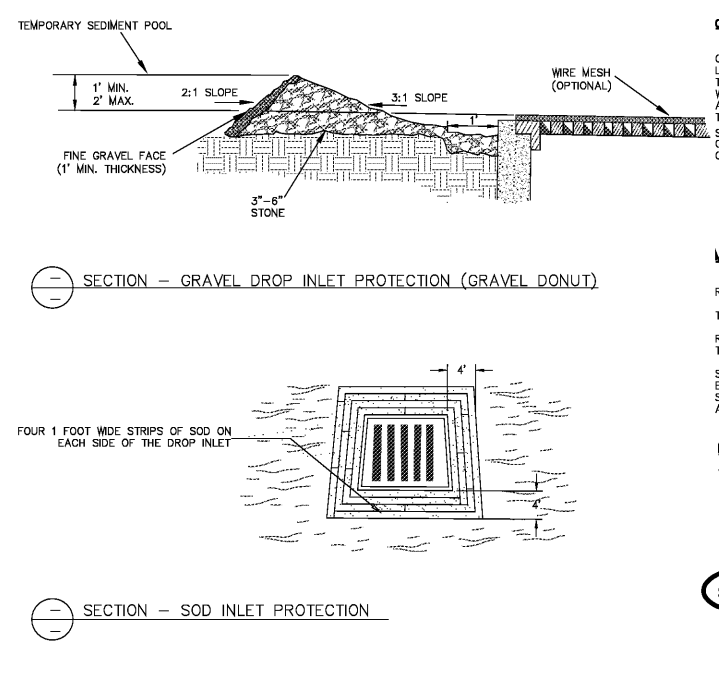
- 1/ TEMPORARY COVER CROPS ARE VERY COMPETITIVE AND WILL CROWD OUT PERENNIALS IF SEEDED TOO HEAVILY.
- 2/ REDUCE SEEDING RATES BY 50% WHEN DRILLED.
- 3/ PLS IS AND ABBREVIATION FOR PURE LIVE SEED.
- 4/ M-L REPRESENTS THE MOUNTAIN; BLUE RIDGE; AND RIDGES AND VALLEYS MLRA'S P REPRESENTS THE SOUTHERN PIEDMONT MLRA C REPRESENTS THE SOUTHERN COASTAL PLAIN; SAND HILLS; BLACK LANDS; AND ATLANTIC COAST FLATWOODS MLRA'S.

Ds2 TEMPORARY GRASSING

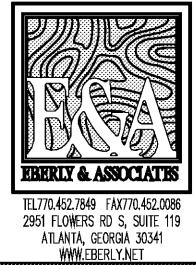
REFER TO THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR FURTHER DETAILS AND SPECIFICATIONS.



- REQUIREMENTS:**
1. SEDIMENT TRAPS MAY BE CONSTRUCTED ON NATURAL GROUND SURFACE ON AN EXCAVATED SURFACE, OR ON MACHINE COMPACTED FILL, PROVIDED THEY HAVE A NONERODIBLE OUTLET.
 2. USE TYPE "C" SILT FENCE SUPPORTED BY STEEL POSTS.
 3. SPACE STAKES EVENLY AROUND THE PERIMETER OF THE INLET A MAXIMUM 3 FEET APART, AND SECURELY DRIVE THEM INTO THE GROUND, APPROXIMATELY 18 INCHES DEEP.
 4. TO PROVIDE NEEDED STABILITY TO THE INSTALLATION, FRAME WITH A 2X4 INCH WOOD STRIPS AROUND THE CREST OF THE OVERFLOW AREA AT A MAXIMUM OF 1.5 FEET ABOVE THE DROP INLET CREST.
 5. PLACE THE BOTTOM 12 INCHES OF THE FABRIC IN A TRENCH AND BACKFILL THE TRENCH WITH AT LEAST 4 INCHES OF CRUSHED STONE OR 12 INCHES OF COMPACTED SOIL.
 6. FASTEN FABRIC AND WIRE SECURELY TO THE POSTS. FABRIC ENDS MUST BE OVERLAPPED A MINIMUM OF 18" OR WRAPPED TOGETHER AROUND A POST TO PROVIDE A CONTINUOUS FABRIC BARRIER AROUND THE INLET.
 7. THE TOP OF THE FRAME AND FABRIC MUST BE WELL BELOW THE GROUND ELEVATION DOWNWARD FROM THE DROP INLET TO KEEP RUNOFF FROM BYPASSING THE INLET. IT MAY BE NECESSARY TO BUILD A TEMPORARY DIKE ON THE DOWN SLOPE SIDE OF THE STRUCTURE TO PREVENT BYPASS FLOW.
- MAINTENANCE REQUIREMENTS:**
- THE TRAP SHALL BE INSPECTED DAILY AND AFTER EACH RAIN AND REPAIRS MADE AS NEEDED. SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE TRAP. **SEDIMENT SHALL NOT BE WASHED INTO THE INLET.** IT SHALL BE REMOVED FROM THE SEDIMENT TRAP AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET, AGAIN. WHEN CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, ALL MATERIALS AND ANY SEDIMENT SHALL BE REMOVED, AND EITHER SALVAGED OR DISPOSED OF PROPERLY. THE DISTURBED AREA SHALL BE BROUGHT TO PROPER GRADE, THEN SMOOTHED AND COMPACTED. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND THE INLET.
- NOTE:**
1. THE MAXIMUM DRAINAGE AREA ALLOWED TO FLOW TO ANY ONE INLET SEDIMENT TRAP IS 1.0 ACRE.



- GRAVEL DROP INLET PROTECTION:**
- THIS METHOD OF PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED. AS SHOWN IN THE FIGURE TO THE LEFT, STONE AND GRAVEL ARE USED TO TRAP SEDIMENT. THE SLOPE TOWARD THE INLET SHALL BE NO STEEPER THAN 3:1. A MINIMUM 1 FOOT WIDE LEVEL STONE AREA SHALL BE LEFT BETWEEN THE STRUCTURE AND AROUND THE INLET TO PREVENT GRAVEL FROM ENTERING THE INLET. ON THE SLOPE TOWARD THE INLET, STONE 3 INCHES IN DIAMETER AND LARGER SHOULD BE USED. ON THE SLOPE AWAY FROM THE INLET, 3 TO 4 INCH GRAVEL (#57 WASHED STONE) SHOULD BE USED AT A MINIMUM THICKNESS OF 1 FOOT.
- MAINTENANCE REQUIREMENTS:**
- THE TRAP SHALL BE INSPECTED DAILY AND AFTER EACH RAIN AND REPAIRS MADE AS NEEDED. SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE TRAP. **SEDIMENT SHALL NOT BE WASHED INTO THE INLET.** IT SHALL BE REMOVED FROM THE SEDIMENT TRAP AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET, AGAIN. WHEN CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, ALL MATERIALS AND ANY SEDIMENT SHALL BE REMOVED, AND EITHER SALVAGED OR DISPOSED OF PROPERLY. THE DISTURBED AREA SHALL BE BROUGHT TO PROPER GRADE, THEN SMOOTHED AND COMPACTED. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND THE INLET.
- NOTE:**
1. THE MAXIMUM DRAINAGE AREA ALLOWED TO FLOW TO ANY ONE INLET SEDIMENT TRAP IS 1.0 ACRE.



ISSUANCES

No.	Drawing Issue Description	Date
A	ISSUE PRELIMINARY SUBMITTAL	2/16/2019
B	ISSUED FOR BID	2/16/2019

PEBBLEBROOK HS B007 -
FIELDHOUSE
DOE Facility Code 4086
FTE = 2787
IU = 143
991 OLD ALABAMA ROAD
MABLETON, GA 30126
COBB COUNTY SCHOOL DISTRICT

ES & PC
DETAILS II

JEREMIAH PHILLIPS	19-110-10
ANTONIO SAMPLE	10/25/2019
DYLAN LEE	
ROBERT NIEBESKI	

EC3.01

