

FOR TEMPORARY PROTECTION OF CRITICAL AREAS WITHOUT SEEDING, THIS STANDARD APPLIES TO GRADES OR CLEARED AREAS WHICH MAY BE SUBJECTED TO EROSION FOR 6 MONTHS OR LESS, WHERE SEEDING MAY NOT HAVE A SUITABLE GROWING SEASON TO PRODUCE AN EROSION RETARDANT COVER, BUT WHICH CAN BE STABILIZED WITH A MULCH COVER.

MATERIALS	RATE	APPLICATION
DRY STRAW OR HAY	2 1/2 TONS PER ACRE	APPLY UNIFORMLY BY HAND OR BY MECHANICAL EQUIPMENT. ANCHOR HAY DISK HOLLOW OR PACKER DISK OR WITH EMULSIFIED ASPHALT (GRADE AE-8 OR SS-1) AT A RATE OF 100 GAL PER 100 GAL. OF WATER FOR EACH TON OF MULCH.
WOOD WASTE, CHIPS, SAWDUST, OR BARK	2" TO 3" THICK, ABOUT 6 TO 9 TONS PER ACRE	ANCHOR WITH NETTING OF THE APPROPRIATE SIZE. OPENINGS IN THE NETTING SHALL NOT BE LARGER THAN THE AVERAGE SIZE OF THE WOOD WASTE CHIPS.
EROSION CONTROL MATTING OR NETTING	APPLY IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS	APPLY IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS
ASPHALT SPRAY (T-908-02)	SEE PROJECT SPECIFICATIONS	APPLY UNIFORMLY
POLYETHYLENE FILM	SECURED OVER BANKS OR STOCKPILED SOIL MATERIAL	ANCHOR TRENCH AT THE TOP OF SLOPE AS WELL AS INCREMENTALLY AS NECESSARY

**MAINTENANCE REQUIREMENTS:**

INSPECT ALL MULCHED AREAS ON A DAILY BASIS AND AFTER EACH RAINFALL EVENT, REGRADE ERODED AREAS AND REMULCH AREAS IN WHICH THE COVER IS NO LONGER GREATER THAN 90% CONTINUOUS.

Ds1 **TEMPORARY MULCHING**  
REFER TO THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR FURTHER DETAILS AND SPECIFICATIONS

SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE	N TOP DRESSING RATE
COOL SEASON GRASSES	FIRST MAINTENANCE	8-12-12	1500 LBS./AC.	50-100 LBS./AC. 1/2/
	SECOND MAINTENANCE	8-12-12	1000 LBS./AC.	30
COOL SEASON GRASSES AND LEGUMES	FIRST MAINTENANCE	8-12-12	1600 LBS./AC.	50-100 LBS./AC. 1/
	SECOND MAINTENANCE	0-10-10	1000 LBS./AC.	—
GROUND COVERS	FIRST MAINTENANCE	10-10-10	1300 LBS./AC. 3/	—
	SECOND MAINTENANCE	10-10-10	1300 LBS./AC. 3/	—
PINE SEEDLINGS	FIRST	20-10-5	ONE 21-GRAM PELLET PER SEEDLING PLACED IN THE CLOSING HOLE	—
SHRUB LESPEDEZA	FIRST MAINTENANCE	0-10-10	700 LBS./AC.	—
	SECOND MAINTENANCE	0-10-10	700 LBS./AC. 4/	—
TEMPORARY COVER CROPS SEEDING ALONE	FIRST	10-10-10	500 LBS./AC.	30 LBS./AC. 5/
WARM SEASON GRASSES	FIRST MAINTENANCE	8-12-12	1500 LBS./AC.	50-100 LBS./AC. 2/8/
	SECOND MAINTENANCE	8-12-12	800 LBS./AC.	50-100 LBS./AC. 2/
WARM SEASON GRASSES AND LEGUMES	FIRST MAINTENANCE	8-12-12	1500 LBS./AC.	50 LBS./AC. 6/
	SECOND MAINTENANCE	0-10-10	400 LBS./AC.	—

- 1/ APPLY IN SPRING FOLLOWING SEEDING.
- 2/ APPLY IN SPLIT APPLICATIONS WITH 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.

**FERTILIZER AND MULCHING REQUIREMENTS**

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



TEL 770.452.7849 FAX 770.452.0086  
2951 FLOWERS RD S, SUITE 119  
ATLANTA, GEORGIA 30341  
WWW.BERKLY.NET



ISSUANCES		
No.	Drawing Issue Description	Date
A	ISSUE PRELIMINARY SUBMITTAL	2/15/2019
B	ISSUED FOR BID	2/19/2019

WWW.LDDLINE.COM

SPECIES	BROADCAST RATES 2/ - PLS 3/ PER 100 SF	RESOURCE AREA 4/	PLANTING DATES												REMARKS		
			J	F	M	A	M	J	J	A	S	O	N	D			
BAHA, PENSACOLA (Paspalum notatum) ALONE OR W/ OTHER PERENNIALS	80 LBS. 1.4 LBS. 30 LBS. 0.7 LBS.	P C															186,000 SEEDS PER POUND. LOW GROWING. SOO FORMING. SLOW TO ESTABLISH. PLANT WITH A COMPANION CROP. WILL SPREAD INTO BERMUDA PASTURES AND LAWNS. MIX WITH SERICEA LESPEDEZA OR WEeping LOVESGRASS.
BAHA, WILMINGTON (Paspalum notatum) ALONE OR W/ OTHER PERENNIALS	80 LBS. 1.4 LBS. 30 LBS. 0.7 LBS.	M-L P															186,000 SEEDS PER POUND. LOW GROWING. SOO FORMING. SLOW TO ESTABLISH. PLANT WITH A COMPANION CROP. WILL SPREAD INTO BERMUDA PASTURES AND LAWNS. MIX WITH SERICEA LESPEDEZA OR WEeping LOVESGRASS.
BERMUDA, COMMON (Cynodon dactylon) HULLED SEED ALONE	10 LBS. 0.2 LBS. 6 LBS. 0.1 LBS.	P C															1,787,000 SEEDS PER POUND. QUICK SETTING. LOW GROWING AND SPREADING. FLUORANTHENE FOR ATHLETIC FIELDS.
BERMUDA, COMMON (Cynodon dactylon) UNHULLED SEED W/ TEMP COVER	10 LBS. 0.2 LBS. 6 LBS. 0.1 LBS.	P C															PLANT WITH WINTER ANNUALS. PLANT WITH TALL FESCUE.
BERMUDA SPRINGS (Cynodon dactylon) COASTAL, COMMON MOUND, OR TBT 44 COASTAL, COMMON OR TBT 76	40 CF. 0.8 CF. OR SOO PLUS 3' x 3'	M-L P C															A CLUMP CONTAINS APPROXIMATELY 800 SPRIGS. A BUSHY CLUMP CONTAINS APPROXIMATELY 800 SPRIGS. SAME AS ABOVE. SOUTHERN COASTAL PLAN ONLY.
CENTPEDE (Eremochloa opharoides)	BLOCK SOO ONLY	P C															DROUGHT TOLERANT. FULL SUN OR PARTIAL SHADE. EFFECTIVE ADJACENT TO COND. AND IN CONCENTRATED FLOW AREAS. IRRIGATION IS NEEDED UNTIL FULLY ESTABLISHED. DO NOT PLANT NEAR PASTURES. WINTERHARDY AS FAR NORTH AS ATHENS AND ATLANTA.
CROWWETICH (Conoclinium vestitum)	15 LBS. 0.3 LBS.	M-L P															100,000 SEEDS PER POUND. DENSE GROWTH. ATTRACTIVE ROSE, PINK AND WHITE BLOSSOMS SPRING TO LATE FALL. MIX W/ 30 LBS. OF TALL FESCUE OR 15 LBS. OF RYE INOCULANT SEED WITH M INOCULANT. USE FROM NORTH ATLANTA AND NORTHWARD.
FESCUE, TALL (Festuca arundinacea) ALONE W/ OTHER PERENNIALS	80 LBS. 1.4 LBS. 30 LBS. 0.7 LBS.	M-L P															227,000 SEEDS PER POUND. USE ALONE ONLY ON BETTER SITES. NOT FOR DROUGHT SOIL. MIX WITH PERENNIAL LESPEDEZA OR CROWWETICH. APPLY TOPDRESSING IN SPRING FOLLOWING FALL PLANTING. NOT FOR HEAVY USE AREAS OR ATHLETIC FIELDS.
KUDZU (Pueraria thurbergiana) PLANTS OR CROPPS	3' - 7' APART	ALL															RAPID AND MESSY GROWTH. EXCELLENT IN GULLY EROSION CONTROL. WILL CLIMB. GOOD LIVESTOCK FORAGE.
LESPEDEZA (Lespedeza virginica DC) OR AUSTRIAN LESPEDEZA (Lespedeza bicolor) SCARIFIED	80 LBS. 1.4 LBS. 70 LBS. 1.7 LBS.	M-L P C															300,000 SEEDS PER POUND. HEIGHT OF GROWTH IS 18 TO 24 INCHES. ADVANTAGES IN URBAN AREAS. SPREADING-TYPE GROWTH. NEW GROWTH HAS BRONZE COLORATION. MIX W/ WEeping LOVESGRASS, COMMON BERMUDA, BAHIA, TALL FESCUE, OR WINTER ANNUALS. DO NOT MIX W/ SERICEA LESPEDEZA. SLOW TO DEVELOP. SOO STANDS. INOCULANT SEED W/ FL INOCULANT

SPECIES	BROADCAST RATES 2/ - PLS 3/ PER 100 SF	RESOURCE AREA 4/	PLANTING DATES												REMARKS		
			J	F	M	A	M	J	J	A	S	O	N	D			
LESPEDEZA, SERICEA (Lespedeza sericea) SCARIFIED	80 LBS. 1.4 LBS.	M-L P C															350,000 SEEDS PER POUND. WIDELY ADAPTED. LOW MAINTENANCE. MIX WITH WEeping LOVESGRASS, COMMON BERMUDA, BAHIA, OR TALL FESCUE. TAKES 2 TO 3 YEARS TO BECOME FULLY ESTABLISHED. EXCELLENT ON ROADSIDE. INOCULANT SEED W/ FL INOCULANT.
UNSCARIFIED	75 LBS. 1.7 LBS.	M-L P C															MIX WITH TALL FESCUE OR WINTER ANNUALS.
SEMI-CLIPPING HAY	3 TONS 1338 LBS.	M-L P C															CUT WHEN SEED MIXTURE IS MATURE, BUT BEFORE IT SCATTERS. ADD TALL FESCUE OR WINTER ANNUALS.
LESPEDEZA, SHRUB (Lespedeza bicolor) (Lespedeza thunbergii) PLANTS	3' x 3'	M-L P C															PROVIDES WILDLIFE FOOD AND COVER.
LOVESGRASS, WEeping (Eragrostis curvula) ALONE W/ OTHER PERENNIALS	4 LBS. 0.1 LBS. 2 LBS. 0.06 LBS.	M-L P C															1,500,000 SEEDS PER POUND. QUICK COVER. DROUGHT TOLERANT. GROWS WELL WITH SERICEA LESPEDEZA ON ROADSIDE.
MADEN CARE (Panicum hamiltonii) SPRIGS	2' x 3' SPACING	ALL															FOR VERY WET SITES. MAY CLOG CHANNELS. DIG SPRINGS FROM LOCAL SOURCES. USE ALONG RIVER BANKS AND SHOULDRS.
PANICGRASS ATLANTIC COASTAL (Panicum amarum var. amarulum)	20 LBS. 0.6 LBS.	P C															GROWS WELL ON COASTAL SAND DUNES, BARRIER AREAS, AND GRAVEL PITS. PROVIDES WINTER COVER FOR WILDLIFE. MIX WITH SERICEA LESPEDEZA EXCEPT ON SAND DUNES.
RED CANARY GRASS (Phalaris arundinacea) ALONE W/ OTHER PERENNIALS	50 LBS. 1.1 LBS. 30 LBS. 0.7 LBS.	M-L P															GROWS SIMILAR TO TALL FESCUE.
SUNFLOWER "AZTEC" MAXIMILLIAN (Helianthus maximiliani)	10 LBS. 0.2 LBS.	M-L P C															227,000 SEEDS PER POUND. MIX WITH WEeping LOVESGRASS OR OTHER LOW-GROWING GRASSES OR LEGUMES.

THICK LINES INDICATE OPTIMUM DATES, THIN LINES INDICATE PERMISSIBLE BUT MARGINAL DATES.  
1/ REDUCE SEEDING RATES BY 50% WHEN DRILLED.  
2/ PLS IS AN ABBREVIATION FOR PURE LIVE SEED, REFER TO SECTION V.E. OF THESE SPECIFICATIONS.  
3/ M-L REPRESENTS THE MOUNTAIN, BLUE RIDGE, AND RIDGES AND VALLEYS MOUNTAINS.  
P REPRESENTS THE SOUTHERN COASTAL PLAIN; SAND HILLS; BLACK LANDS; AND ATLANTIC COAST FLATWOODS MOUNTAINS.

Ds1 **PERMANENT GRASSING**  
REFER TO THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR FURTHER DETAILS AND SPECIFICATIONS

- NOTES:**
- PERMANENT GRASSING SHALL BE APPLIED TO GRADED AREAS THAT WILL BE UNDISTURBED FOR MORE THAN 6 MONTHS.
  - APPLY TO ALL AREAS IMMEDIATELY AFTER THEY HAVE REACHED FINAL GRADE.
  - APPLY AGRICULTURAL LIME AT A RATE OF 1-2 TONS PER ACRE UNLESS SOIL TESTS INDICATE OTHERWISE.
  - RYE GRASS SHALL NOT BE USED IN ANY SEEDING MIXTURE CONTAINING PERENNIAL SPECIES DUE TO ITS ABILITY TO OUT-COMPETE DESIRED SPECIES CHOSEN FOR PERMANENT FOREMANAL COVER.
  - FOR HYBRIDAL SEEDING, MIX SEED, FERTILIZER AND WOOD CELLULOSE OR WOOD PULP FIBER WITH WATER AND APPLY IN SLURRY UNIFORMLY OVER THE TREATED AREA. APPLY WITHIN 1 HOUR OF MIXING. MULCH IS TO BE APPLIED AT A RATE OF 500 LBS. PER ACRE.
  - FOR CONVENTIONAL SEEDING USE A CULTI-SEEDER, DRILL, ROTARY SEEDER, OTHER MECHANICAL SEEDER OR HAND SEED UNIFORMLY OVER THE SEED WITH 1/2" TO 1/2" OF SOIL. PROVIDE TEMPORARY MULCHING WITHIN 24 HOURS OF SPREADING SEED. MULCH SHALL COVER 75% OF THE SOIL SURFACE.
- MAINTENANCE REQUIREMENTS:**  
PROMOTE PERIODIC INSPECTIONS AND AFTER EACH RAINFALL EVENT AND REGRASS AREAS THAT ARE BARE OR HAVE ERODED. EXCLUDE TRAFFIC ON GRASSED AREAS UNTIL GRASS IS ESTABLISHED. MOW AS REQUIRED.

PROJECT NUMBER: 20190224.01 PROJECT NAME: PEBBLEBROOK HS B007 - SHEET NUMBER: G0.00 - COVER SHEET DATE: 2/15/2019 10:25:58 AM

**PEBBLEBROOK HS B007 - FIELDHOUSE**  
DOE Facility Code 4066  
FTE = 2787  
IU = 143  
991 OLD ALABAMA ROAD  
MAPLETON, GA 30126  
COBB COUNTY SCHOOL DISTRICT

ES & PC  
DETAILS III

JEREMIAH PHILLIPS	19-110.10
ANTONIO SAMPLE	10/25/2019
DYLAN LEE	
ROBERT NIEBESKI	
EC3.02	

