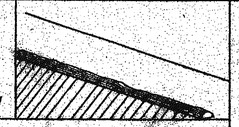
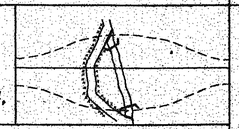
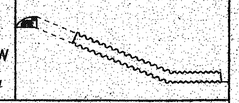
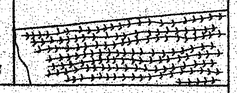
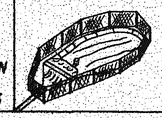
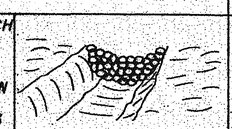
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NHS-M000-00 (458)	78	80

CODE	PRACTICE STD :SPC's :SECTION	DETAIL	DESCRIPTION
Bb	BRUSH BARRIER CONSTRUCTION DETAIL		THIS ITEM CONSISTS OF A SILT BARRIER CONSTRUCTED AT THE TOE OF FILL SLOPES MADE OF BOUGHS, LIMBS AND SMALL LOGS FROM 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. FOR CONTRACTOR'S USE ONLY
	LINE CODE	* * * (Bb) * * * *	
Be	EARTH BERM SECTION 161		THIS IS A TEMPORARY EARTH BERM CONSTRUCTED AT THE EDGE OF THE EMBANKMENT DURING THE GRADING OPERATION. THIS BERM WILL PREVENT SLOPE EROSION AND DIRECT RUNOFF TO A DOWN DRAIN 'Dnl' OR CATCHMENT AREA. THIS WILL BE USED ON ALL GRADING PROJECTS. FOR CONTRACTOR'S USE ONLY
	LINE CODE	(Be)	
Cd	CHECK DAM SECTION 162		THIS ITEM CAN BE USED ON RIGHT OF WAY OR EASEMENTS, IN RURAL WOODED AREAS. THE PURPOSE OF THE CHECK DAM IS TO REDUCE FLOW VELOCITY. LOWER VELOCITIES REDUCE EROSION POTENTIAL AND ALLOW SOME SUSPENDED SEDIMENT TO DEPOSIT. THEY ARE USED DOWN STREAM OF MINOR DRAINAGE STRUCTURES BUT SHOULD NOT BE USED IN FLOWING STREAMS. THEY ARE USUALLY CONSTRUCTED OF ALL NATURAL MATERIAL FROM THE AREA AND LEFT IN PLACE. IT MAY BE USED IN AREAS WHERE A BACKUP IS NEEDED TO PROTECT TROUT STREAMS OR LAKES FROM SILTATION PRODUCED BY MINOR FLOOD EVENTS.
Dc	DIVERSION CHANNEL SECTION 204, 205		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. SPECIAL LININGS ARE REQUIRED, SUCH AS PLASTIC SHEETING, GEOTEXTILE FABRICS, RIP RAP OR OTHER METHODS DEVISED BY THE CONTRACTOR. RIP RAP SHOULD BE USED ONLY IN EXTREME CONDITIONS. Sdl-6 OR SG MAY BE REQUIRED 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. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
	LINE CODE	—D—D—D—(Dc)—D—D—D—	
Dnl	DOWN DRAIN STRUCTURE FLEXIBLE CONSTRUCTION DETAIL SECTION 441		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 OR OTHER APPROPRIATE MEANS FOR VELOCITY DISSIPATION AND EROSION CONTROL.
	LINE CODE	—T—T—T—(Dnl)—T—T—T—	

CODE	PRACTICE STD :SPC's :SECTION	DETAIL	DESCRIPTION
Dsl	TEMPORARY MULCH SECTION 163		THIS IS A BLANKET OF TEMPORARY 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. FOR CONTRACTOR'S USE ONLY
	LINE CODE	(Ds)	
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. FOR CONTRACTOR'S USE ONLY
	LINE CODE	(Ds)	
Fe	FENCE CONSTRUCTION DETAIL SECTION 643		THIS IS A PROTECTIVE BARRIER TO PREVENT TRESPASSING INTO A SEDIMENT BASIN OR ANY OTHER TYPE OF SEDIMENT CATCHMENT AREA THAT MAY BE A HAZARD. IT SHOULD BE CONSIDERED IN URBAN AREAS. FIELD FENCE, WOVEN WIRE SHOULD BE USED FOR PERMANENT LOCATIONS. CONSTRUCTION SAFETY FENCE MAY BE USED FOR TEMPORARY INSTALLATIONS.
	LINE CODE	—x—x—x—(Fe)—x—x—x—	
Rdc	RIP RAP DITCH CHECK CONSTRUCTION DETAIL SECTION 163		RIP RAP DITCH CHECKS ARE USED TO PROTECT DITCHES FROM EROSION AND TO REDUCE SEDIMENT CARRIED DOWNSTREAM. THEY ARE PLACED IN SUCH A MANNER THAT THE TOE OF THE UPSTREAM DITCH CHECK IS AT THE SAME ELEVATION AS THE TOP OF THE DOWNSTREAM DITCH CHECK. USE RIP RAP DITCH CHECKS WHEN THE SLOPE IN A DITCH IS 5% OR MORE. SAND BAGS MAY BE SUBSTITUTED FOR RIP RAP.
	LINE CODE	(Rdc)	

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Redrawn 12-12-94	
M. W. APRIL, 1989	

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

UNIFORM CODE SYSTEM FOR SOIL EROSION AND SEDIMENT CONTROL TEMPORARY ITEMS

NO SCALE

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