

- NOTES:**
1. FOR STAKES, USE 2 X 4 INCH WOOD (PREFERRED) OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET AND THE PERIMETER OF THE INLET A MAXIMUM OF 3 FEET. STAKES SHOULD BE PLACED AT THE CORNERS OF THE INLET AND AT THE MIDDLE OF EACH SIDE. STAKES SHOULD BE PLACED AT THE CORNERS OF THE INLET AND AT THE MIDDLE OF EACH SIDE.
  2. THE TOP OF THE FRAME AND FABRIC MUST BE WELL BELOW THE GROUND ELEVATION DONOR FROM THE DROP INLET TO KEEP RAINOFF FROM SPREADING THE INLET.
  3. THE TOP OF THE FRAME AND FABRIC MUST BE WELL BELOW THE GROUND ELEVATION OF THE STRUCTURE TO PREVENT STORM FLOOD.
  4. THE TOP OF THE FRAME AND FABRIC MUST BE WELL BELOW THE GROUND ELEVATION OF THE STRUCTURE TO PREVENT STORM FLOOD.
  5. FABRIC MUST BE SECURELY ATTACHED TO THE STAKES AND TRAP JOINTS MUST BE DONOR FROM THE DROP INLET TO KEEP RAINOFF FROM SPREADING THE INLET.
  6. THE TOP OF THE FRAME AND FABRIC MUST BE WELL BELOW THE GROUND ELEVATION OF THE STRUCTURE TO PREVENT STORM FLOOD.

**Sd2-F**  
INLET SEDIMENT TRAP  
N.T.S.



- NOTES:**
1. The emergency spillway shall be installed in undisturbed ground.
  2. The emergency spillway must be constructed within a tolerance of 0.2 feet.

Fill Height  
less than 10 ft  
10 feet to 15 ft

Minimum Top Width  
8.0 ft  
10.0 ft

EMERGENCY SPILLWAY

SEDIMENT BASIN

TRASH RACK

Rock Rip-Rap Outlet

Principal Spillway

TOP OF EMBANKMENT

RETRO-FITTING

N.T.S.

Figure 6-22.1 - Basic Components of a Temporary Sediment Basin

- NOTES:**
1. INSTALL FILTER AFTER ASPHALT PAVEMENT INSTALLATION.
  2. WRAP 8" CONCRETE BLOCKS IN FILTER FABRIC AND SPAN ACROSS CATCH INLET.
  3. FACE OPENINGS IN BLOCKS OUTWARD.
  4. INSTALL OUTLET PROTECTION BELOW STORM DRAIN OUTLETS.

**Sd2-F**  
TEMPORARY INLET SEDIMENT TRAP  
(PIGS-IN-BLANKET)  
N.T.S.



- INSTALLATION**
- INSTALL ACCORDING TO APPROVED PLAN
  - STAKE TO PREVENT SLIDING
  - THESE MATERIALS SHOULD BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.
  - UTE OR EXCELSIOR (WOOD FIBER) MATTING
  - SEED AREA COMPLETELY WITH A HEAVY, UNIFORM, COFFERMAN AND OCCASIONAL MULCH
  - APPLY ON AREAS WITH STEEP SLOPES, WATERCOURSES OR WHERE VEGETATION NEEDS TO BE QUICKLY ESTABLISHED.
  - SEED AREA
  - APPLY FIBERGLASS WITH A COMPRESSED AIR EJECTOR, 1 TO 2 GPM, 40 PSI AND 1/2" TO 3/4" NOZZLE
  - PLACE IN WATERCOURSES OR ON MODERATE SLOPES FOR STABILIZATION AND TO PROVIDE A SUITABLE MICROCLIMATE FOR SEEDS.

EDGE OF PAVEMENT

8" CONCRETE BLOCKS WRAPPED IN FILTER FABRIC

CATCH BASIN

CURB

FLOW

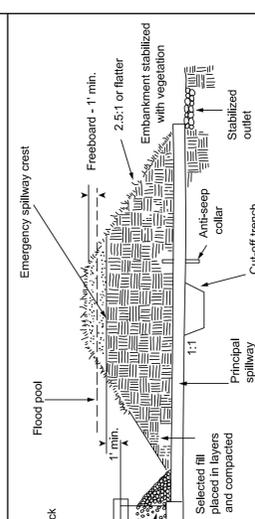
BOTTOM OF SLOPE

- NOTES:**
1. NO SOLID MATERIALS INCLUDING BUILDING MATERIALS SHALL BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT. ALL SOLID MATERIALS WILL BE HAULED OFF-SITE.
  2. CONTRACTOR SHALL INSPECT ALL VEHICLES AND PETROLEUM STORAGE CONTAINERS REGULARLY, MAKING REPAIRS TO MAINTAIN ALL PETROLEUM SPILLS AND LEAKS AND SHALL KEEP ON HAND OIL SPILL KIT. CONTRACTOR SHALL MAINTAIN ALL PETROLEUM SPILLS AND LEAKS AND SHALL KEEP ON HAND OIL SPILL KIT. CONTRACTOR SHALL MAINTAIN ALL PETROLEUM SPILLS AND LEAKS AND SHALL KEEP ON HAND OIL SPILL KIT.
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  5. CONTRACTOR SHALL MAINTAIN ALL PETROLEUM SPILLS AND LEAKS AND SHALL KEEP ON HAND OIL SPILL KIT.
  6. CONTRACTOR SHALL MAINTAIN ALL PETROLEUM SPILLS AND LEAKS AND SHALL KEEP ON HAND OIL SPILL KIT.

**MULCHING APPLICATION REQUIREMENTS**

MATERIAL	RATE	DEPTH
STRAW OR HAY	2 1/2 TON/ACRE	6" TO 10"
WOOD WASTE, CHIPS, SAWDUST, BARK	6 TO 9 TON/ACRE	2" TO 3"
CUTBACK ASPHALT	1200 GAL./ACRE OR 1/4 GAL./SQ. YD.	---
POLYETHYLENE FILM	SECURE WITH SOIL ANCHORS, WEIGHTS	---
CUTBACK ASPHALT	SEE MANUFACTURER'S RECOMMENDATIONS	---
GEOTEXTILES, JUTE MATTING, NETTING, ETC.	SEE MANUFACTURER'S RECOMMENDATIONS	---

**Ds1**  
DISTURBED AREA STABILIZATION  
N.T.S. (WITH MULCHING ONLY)



**CROSS SECTION**

Emergency spillway crest

Freeboard - 1 min.

2.5:1 or flatter Embankment stabilized with vegetation

Stabilized outlet

1:1

Anti-sleep collar

Out-off trench 2' deep, min.

Principal spillway

Selected fill placed in layers and compacted

3'-4" stone

12" drainage holes with gravel

Riser pipe for principal spillway

Trash rack

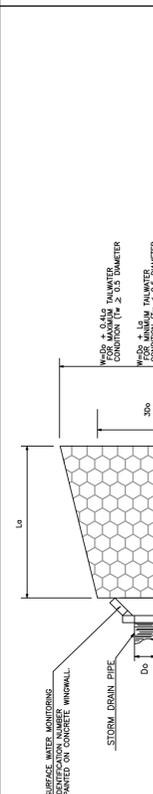
Flood pool

1 min.

Principal Spillway

Rock Rip-Rap Outlet

CATCH BASIN



**St**  
STORM DRAIN OUTLET PROTECTION  
N.T.S.

- NOTES:**
1. THE LENGTH OF THE STORM DRAIN OUTLET PROTECTION SHALL BE AS SHOWN.
  2. DOWN THE OUTLET PIPE DIAMETER.
  3. IN A WELL-DEFINED CHANNEL EXTENDED THE APRON UP THE CHANNEL TO THE TOP OF THE BANK, ANCHORS & LESS.
  4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE BRIMP AND SOIL FOUNDATION.

STRUCTURES	Do	Lo	W	d	MAX Thickness
HW-1A	36"	20'	29'	1.05'	1.58'
HW-2A	42"	27'	36'	1.50'	2.25'

CONSTRUCTION EXITS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION OR UNTIL PAVING, DROPPED, WASHED OR TRACKED FROM VEHICLE ONTO ROADWAY SHALL BE REMOVED IMMEDIATELY.



**Co**  
STONE PAD CONSTRUCTION EXIT  
N.T.S.

STONE SIZE - N.S.A. R-2(1.5"-3.5") COURSE AGGREGATE PROVIDE PERIODIC TOP DRESSING WITH 2" STONE AS NECESSARY. WHEELS MUST BE CLEANED TO REMOVED MUD PRIOR TO ENTRANCE ONTO PUBLIC OR PRIVATE ROADWAYS. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON THE STONE PAD WHICH DRAINS TO AN APPROVED SEDIMENT TRAP OR BASIN.

50' MIN.

GEOTEXTILE UNDERLINER

STABILIZED STONE PAD (MIN. THICKNESS = 6")

30' MIN.

2.5' MIN.

6" MIN.

2.5' MIN.

18" MIN.

FRONT VIEW

SIDE VIEW

WELDED WIRE REINFORCEMENT

STEEL POSTS @ 4' O.C.

NOTE: USE 1/2" DOT APPROVED FABRIC USE STEEL POSTS

**Sd1**  
EROSION CONTROL FENCING TYPE "C"  
N.T.S.

LIME AND FERTILIZER - RATES AND ANALYSIS

A. WHERE PERMANENT VEGETATION IS TO BE ESTABLISHED, AGRICULTURAL LIME SHALL BE APPLIED AS INDICATED BY SOIL TEST OR AT THE RATE OF 1 TO 2 TONS PER ACRE. AGRICULTURAL LIME SHALL BE WITHIN THE SPECIFICATIONS OF THE GEORGIA DEPARTMENT OF AGRICULTURE. LIME SPREAD BY CONVENTIONAL EQUIPMENT WILL BE "GROUND LIMESTONE". GROUND LIMESTONE IS CALCIUM OR DOLOMITIC LIMESTONE GROUND SO THAT 90 PERCENT OF THE MATERIAL WILL PASS THROUGH A 10-MESH SIEVE, NOT LESS THAN 25 PERCENT WILL PASS THROUGH A 100-MESH SIEVE. AGRICULTURAL LIME SPREAD BY HYDRAULIC SEEDING EQUIPMENT WILL BE "FINELY GROUND LIMESTONE". FINELY GROUND LIMESTONE IS CALCIUM OR DOLOMITIC LIMESTONE GROUND SO THAT 98 PERCENT OF THE MATERIAL WILL PASS THROUGH A 20-MESH SIEVE AND NOT LESS THAN 70 PERCENT WILL PASS THROUGH 100-MESH SIEVE. IT IS DESIRABLE TO USE DOLOMITIC LIMESTONE IN THE SAND HILLS, SOUTHERN COASTAL PLAIN AND ATLANTIC COAST.

B. NO AGRICULTURAL LIME IS REQUIRED WHERE ONLY TEMPORARY SEEDING IS TO BE DONE OR WHERE ONLY TREES ARE PLANTED.

C. INITIAL FERTILIZATION REQUIREMENTS FOR EACH SPECIES OR COMBINATION OF SPECIES ARE LISTED IN TABLE G-25.1, P. G-144.

LIME FERTILIZER - APPLICATION

A. WHEN HYDRAULIC SEEDING EQUIPMENT IS USED:

1. THE INITIAL FERTILIZER WILL BE MIXED WITH SEED, INOCULANT (IF NEEDED) AND WOOD PULP FIBER MULCH AND APPLIED IN A SLURRY. THE SLURRY SHOULD BE APPLIED DURING THE WINTER MONTHS TO KEEP THE INGREDIENTS THROUGHOUT WINTER. THE MULCH WILL BE SPREAD UNIFORM OVER THE AREA WITHIN ONE HOUR AFTER BEING PLACED IN THE HYDRAULIC SEEDER.

2. FINELY GROUND LIMESTONE WILL BE MIXED WITH WATER AND APPLIED IMMEDIATELY AFTER MULCHING IS COMPLETED OR IN COMBINATION WITH THE TOP DRESSING.

B. WHEN CONVENTIONAL PLANNING IS TO BE DONE, LIME AND FERTILIZER WILL BE APPLIED UNIFORM IN ONE OF THE FOLLOWING WAYS:

1. APPLY BEFORE LAND PREPARATION SO THAT IT WILL BE MIXED THE SOIL DURING SEEDBED PREPARATION, OR

2. MIX WITH THE SOIL USED TO FILL THE HOLES, DISTRIBUTE IN FURROWS, OR

3. BROADCAST AFTER STEEP SURFACES ARE SCARPED, PITTED OR TRENCHED.

4. A FERTILIZER PELLET WILL BE PLACED AT ROOT DEPTH BESIDE EACH PINE TREE SEEDLING.



DATE	DESCRIPTION
07-28-2007	FIRST SUBMITTAL
08-28-2007	2ND SUBMITTAL
09-28-2007	3RD SUBMITTAL
10-28-2007	4TH SUBMITTAL
11-28-2007	5TH SUBMITTAL

PROJECT: ATHENS AUTO MALL  
OWNER: TRANSCARKE PROPERTIES, LLC  
JOB NO: 04-0520  
DRAWN BY: CMA  
CHECKED BY: JAW & KDW  
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EROSION CONTROL DETAILS C-5.3