

CONSTRUCTION SCHEDULE	2012		2013							2014													
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1. INITIAL PHASE: INSTALLATION OF CONSTRUCT. EXIT PERIMETER SILT FENCE & TREE PROTECTION FENCE AND SEDIMENT BASIN	█	█																					
1(A) MAINTENANCE OF ALL EROSION CONTROL MEASURES	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
2. CLEARING & GRUBBING																							
4. INSTALL INTERMEDIATE PHASE EROSION MEASURES																							
5. PRELIMINARY GRADING																							
6. TANK, DIVERSION/SIPHON STRUCTURES, PUMP STATION, ALL PIPES, ELECTRICAL SYSTEMS																							
7. FINAL PHASE EROSION MEASURES																							
8. ROAD AND SITE WORK																							
9. FINE GRADING																							
10. PERMANENT GRASSING AND LANDSCAPE AS AREAS REACH FINAL GRADE																							
11. REMOVE TEMPORARY EROSION CONTROL																							

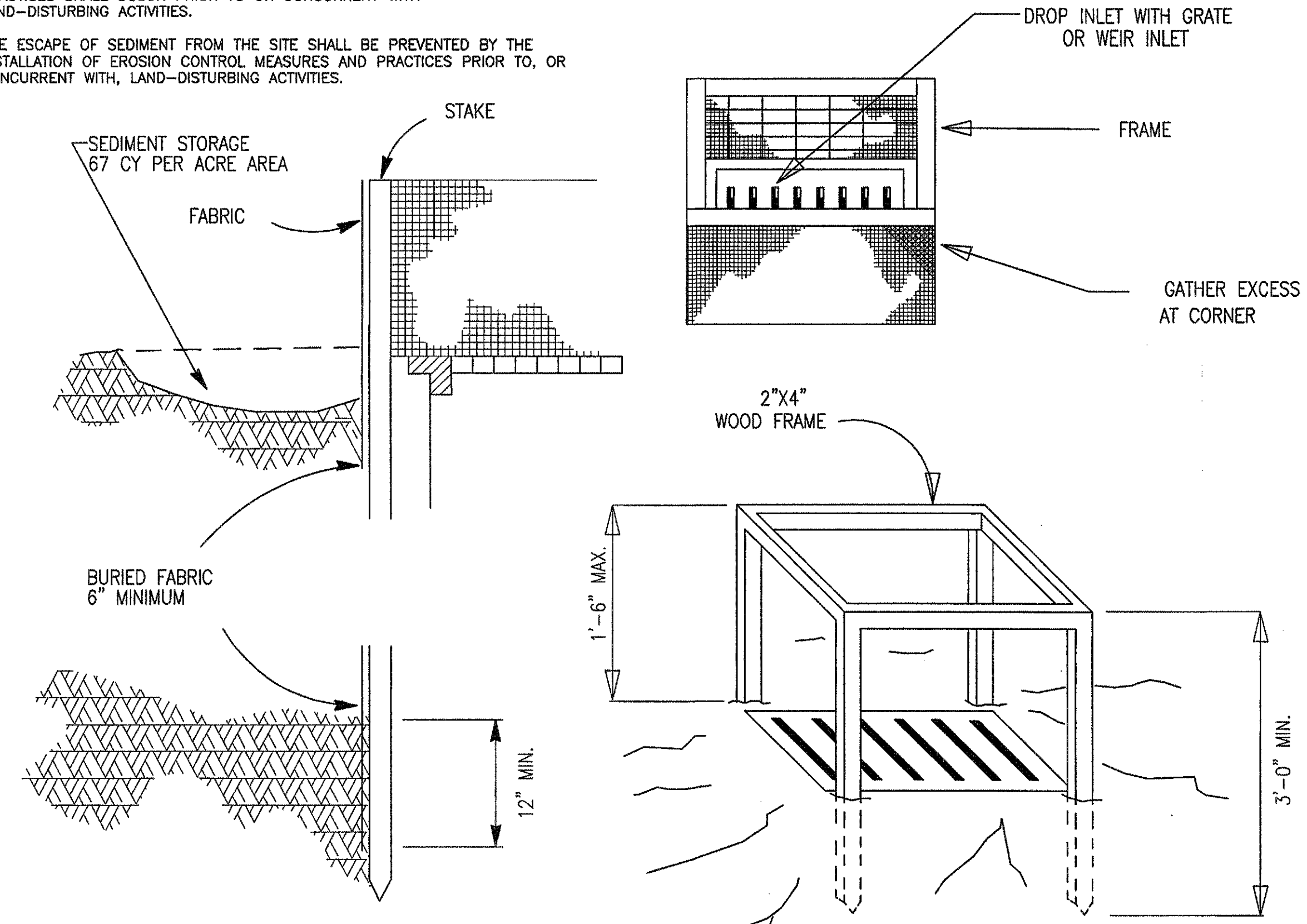
EROSION CONTROL CONSTRUCTION SCHEDULING	
CONSTRUCTION ACTIVITY	SCHEDULE CONSIDERATION
(1) CONSTRUCTION ACCESS: CONSTRUCTION ENTRANCES, EQUIPMENT PARKING AREAS.	INSTALL ALL EROSION CONTROL MEASURES PRIOR TO COMMENCING ANY WORK.
(2) INSTALL SILT FENCES AND TEMPORARY SEDIMENT TRAP AS SHOWN ON THE PLANS. Sd3	CLEAR AND GRUB AREAS AND REMOVE STRUCTURES SUFFICIENT TO INSTALL EROSION CONTROL MEASURES. PROVIDE TEMPORARY AND PERMANENT SEEDING AS REQUIRED.
(3) DEMOLITION AND LAND CLEARING AND GRUBBING.	REMOVE ALL DEMOLITION ITEMS FROM SITE. CLEAR AND GRUB ALL REMAINING AREAS.
(4) GRADING: CUTTING, FILLING AND SURFACE ROUGHENING.	BEGIN GRADING AFTER PRINCIPAL SEDIMENT AND RUNOFF CONTROL MEASURES HAVE BEEN INSTALLED. CLEAR WASTE DISPOSAL AREAS ONLY AS NEEDED. INSTALL ADDITIONAL CONTROL MEASURES AS GRADING PROGRESSES.
(5) SURFACE STABILIZATION: TEMPORARY AND PERMANENT GRASS SEEDING, MULCHING AND SODDING.	APPLY TEMPORARY OR PERMANENT STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS WHERE WORK IS DELAYED OR COMPLETE.
(6) CONSTRUCTION: BUILDINGS, UTILITIES AND PAVING.	INSTALL NECESSARY EROSION AND SEDIMENT CONTROL MEASURES AS WORK TAKES PLACE.
(7) LANDSCAPING AND FINAL STABILIZATION: TOPSOILING, TREES AND SHRUBS, PERMANENT SEEDING, MULCHING AND GROUND COVER.	STABILIZE ALL OPEN AREAS, INCLUDING WASTE DISPOSAL AREAS. REMOVE AND STABILIZE ALL TEMPORARY CONTROL MEASURES.

MAINTENANCE: INSPECTIONS SHALL BE PERFORMED DAILY AND AFTER PERIODS OF RAINFALL. ALL REPAIRS SHALL BE MADE IMMEDIATELY.

ALL EARTH AREAS DISTURBED BY THIS CONTRACT SHALL RECEIVE TEMPORARY AND PERMANENT SEEDING PER THE SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR WATERING, FERTILIZING AND CUTTING ALL GRASSING FROM PLANTING TO FINAL ACCEPTANCE.

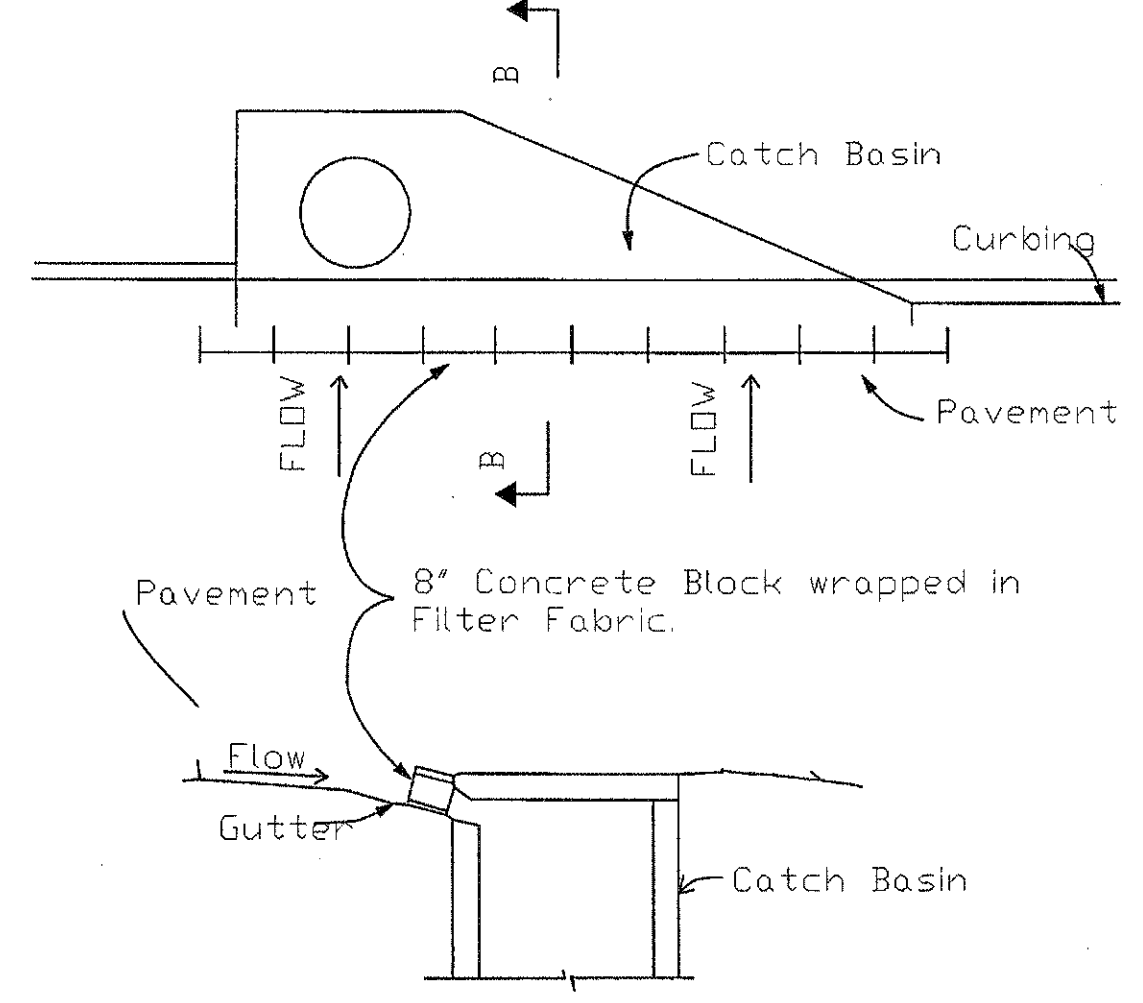
THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND-DISTURBING ACTIVITIES.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.



**Sd2-F** TEMPORARY FABRIC DROP INLET PROTECTION  
NOT TO SCALE

- NOTES:
- SPACE STAKES EVENLY AROUND PERIMETER OF THE INLET A MAX. OF 36" APART. DRIVE STAKES 18" MIN. INTO GROUND.
  - TO PROVIDE NEEDED STABILITY TO THE INSTALLATION, FRAME WITH 2" X 4" WOOD STRIPS AROUND THE CREST OF THE OVERFLOW AREA AT A MAXIMUM OF 18" ABOVE THE DROP INLET CREST.
  - PLACE THE BOTTOM 12" OF THE FABRIC IN A TRENCH AND BACKFILL THE TRENCH WITH AT LEAST 12" CRUSHED STONE OR COMPACTED SOIL.
  - FABRIC MUST BE FASTENED SECURELY TO STAKES AND THE FRAME. JOINTS SHALL BE OVERLAPPED TO NEXT STAKE.
  - THE TOP OF FRAME AND FABRIC MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE FROM THE DROP INLET TO KEEP RUNOFF FROM BYPASSING THE INLET. IT MAY BE NECESSARY TO BUILD A TEMP. DIKE ON THE DOWNSLOPE SIDE OF THE STRUCTURE TO PREVENT BYPASS FLOW.



**Sd2** EXCAVATED INLET SEDIMENT TRAP

**SEDIMENT TRAP MAINTENANCE NOTES:**

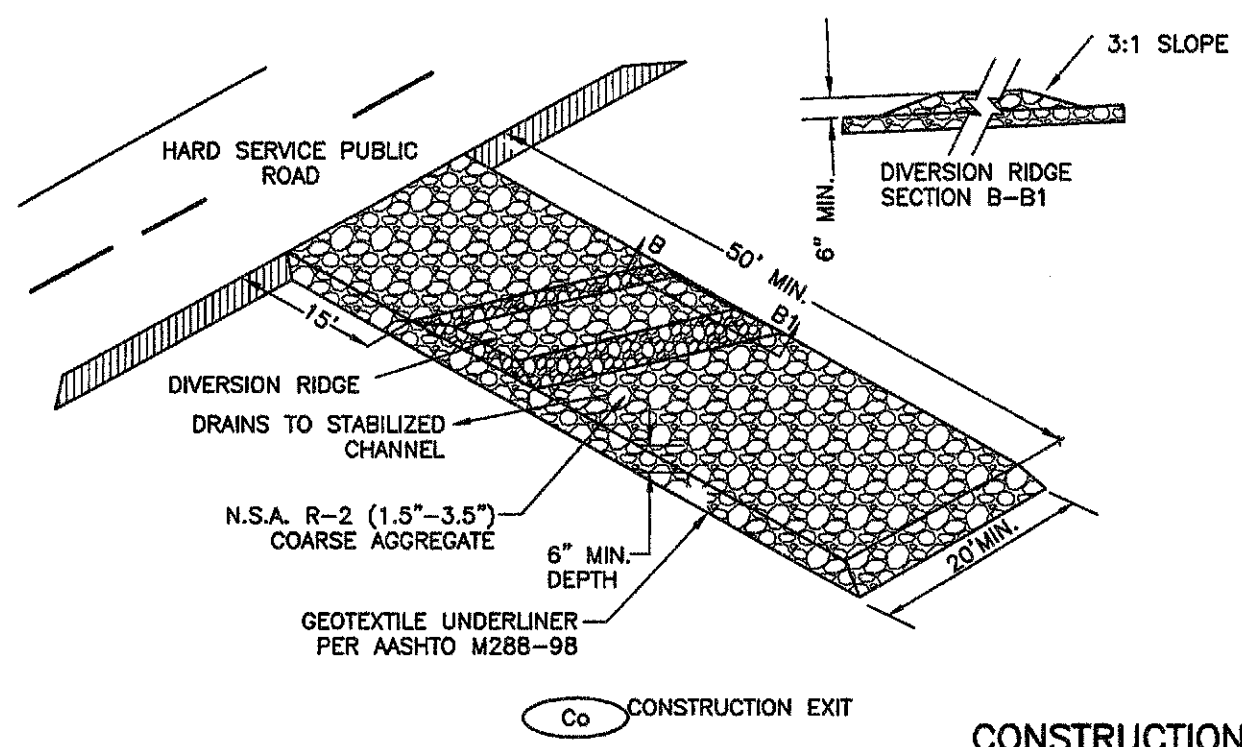
THE SEDIMENT TRAP SHALL BE PLACED IMMEDIATELY AROUND THE INLET. THE EXCAVATION SHALL BE CONSTRUCTED IMMEDIATELY OUTSIDE OF THE SEDIMENT TRAP AND PROVIDE A MIN. DEPTH OF 1.5 FT. FOR SEDIMENT STORAGE.

SEDIMENT SHALL BE REMOVED WHEN ONE-HALF OF THE SEDIMENT STORAGE CAPACITY HAS BEEN LOST TO SEDIMENT ACCUMULATION.

WHEN THE 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 SMOOTH AND COMPACTED.

NOTE: Install filter after any asphalt pavement installation.

**Sd2-P** CURB INLET FILTER-"PIGS IN BLANKET"



**CONSTRUCTION EXIT**  
A STONE STABILIZED PAD SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE LEAVING A CONSTRUCTION SITE TO A PUBLIC RIGHT-OF-WAY, STREET, ALLEY, SIDEWALK, PARKING AREA, OR ANY OTHER AREA WHERE THERE IS A TRANSITION FROM BARE SOIL TO A PAVED AREA.

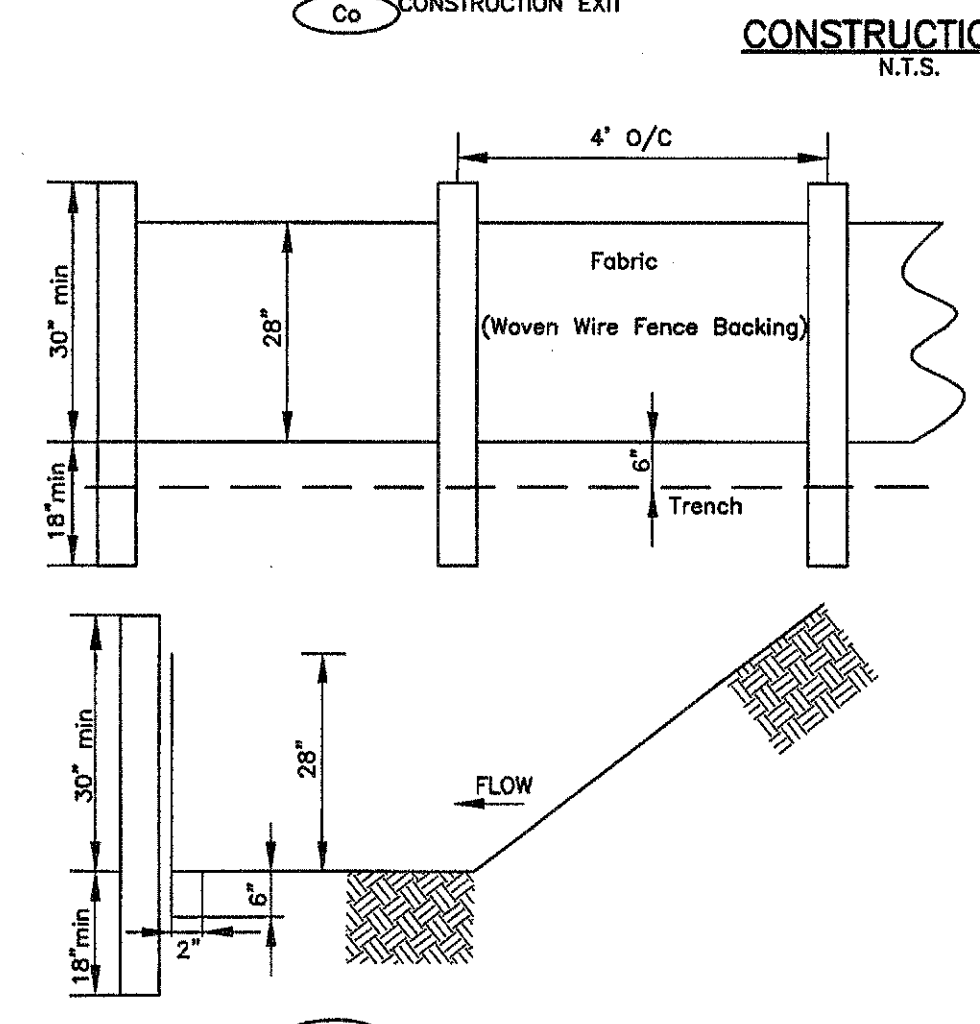
**AGGREGATE SIZE**  
STONE WILL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5 TO 3.5 INCH STONE).

**PAD THICKNESS**  
THE GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6 INCHES.

**PAD WIDTH**  
AT A MINIMUM, THE WIDTH SHOULD EQUAL FULL WIDTH OF ALL POINTS OF VEHICULAR EGRESS, BUT NOT LESS THAN 20 FEET WIDE.

**DIVERSION RIDGE**  
ON SITES WHERE THE GRADE TOWARD THE PAVED AREA IS GREATER THAN 2%, A DIVERSION RIDGE 6 TO 8 INCHES HIGH WITH 3:1 SIDE SLOPES SHALL BE CONSTRUCTED ACROSS THE FOUNDATION APPROXIMATELY 15 FEET ABOVE THE ROAD.

**MAINTENANCE**  
THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1.5-3.5 INCH STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.



**SILT FENCE**  
THE MANUFACTURER SHALL HAVE EITHER AN APPROVED COLOR MARK YARN IN THE FABRIC OR LABEL THE FABRICATED SILT FENCE WITH BOTH THE MANUFACTURER AND FABRIC NAME EVERY 100 FEET.

THE TEMPORARY SILT FENCE SHALL BE INSTALLED ACCORDING TO THIS SPECIFICATION, AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. FOR INSTALLATION OF THE FABRIC, SEE DETAIL.

POST INSTALLATION SHALL START AT THE CENTER OF THE LOW POINT (IF APPLICABLE) WITH THE REMAINING POSTS SPACED 4 FEET APART FOR TYPE C SILT FENCE. ONLY STEEL POST SHALL BE USED WITH TYPE C SILT FENCE. POSTS SHALL BE 4' IN LENGTH, 1.3 LBS/ FT. ALONG STREAM BUFFERS AND OTHER SENSITIVE AREAS, TWO ROWS OF TYPE C SILT FENCE OR ONE ROW OF TYPE C SILT FENCE BACKED BY HAYBALES SHALL BE USED.

**MAINTENANCE FOR ALL Sd2 APPLICATIONS**  
ALL TRAPS 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 BE REMOVED FROM CURB INLET PROTECTION IMMEDIATELY. FOR EXCAVATED INLET SEDIMENT TRAPS, SEDIMENT SHALL BE REMOVED WHEN ONE-HALF OF THE SEDIMENT STORAGE CAPACITY HAS BEEN LOST TO SEDIMENT ACCUMULATION. SOD INLET PROTECTION SHALL BE MAINTAINED AS SPECIFIED IN DS4- DISTURBED AREA STABILIZATION (WITH SODDING).

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 THE 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. ALL DISTURBED AREAS AROUND THE INLET SHALL BE APPROPRIATELY STABILIZED.

**DESIGN CRITERIA FOR ALL Sd2 APPLICATIONS**  
MANY SEDIMENT FILTERING DEVICES CAN BE DESIGNED TO SERVE AS TEMPORARY SEDIMENT TRAPS. SEDIMENT TRAPS MUST BE SELF-DRAINING UNLESS THEY ARE OTHERWISE PROTECTED IN AN APPROVED FASHION THAT WILL NOT PRESENT A SAFETY HAZARD. THE AREA DRAINING TO THE INLET SEDIMENT TRAP SHALL BE NO GREATER THAN ONE ACRE.

IF RUNOFF MAY BYPASS THE PROTECTED INLET, A TEMPORARY DIKE SHOULD BE CONSTRUCTED ON THE DOWN SLOPE SIDE OF THE STRUCTURE. ALSO, A STONE FILTER RING MAY BE USED ON THE UP SLOPE SIDE OF THE INLET TO SLOW RUNOFF AND FILTER LARGER SOIL PARTICLES. REFER TO FR-STONE FILTER RING.

**TYPE C SILT FENCE**  
N.T.S.

Atlanta

GEORGIA PROFESSIONAL SEAL  
10/29/12

PEACHTREE CREEK SOUTH FORK  
RELIEF STORAGE AND PUMPING STATION

CITY OF ATLANTA  
DEPARTMENT OF WATERSHED MANAGEMENT

REV	DATE	REVISION DESCRIPTION
0	10/29/12	100 PERCENT BID PACKAGE

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

PROJECT NO: FC-6260  
DATE: OCTOBER 2012

RESP PROF: DW    DESIGNER: PD    CHECKER: TC

SHEET TITLE  
CIVIL  
00 - GENERAL  
EROSION DETAILS

SHEET NO. CE-501    REV. 0