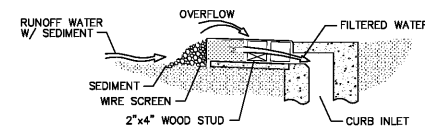
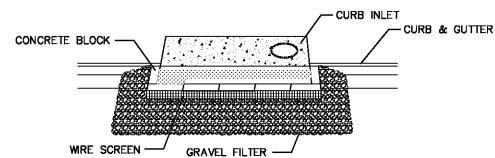


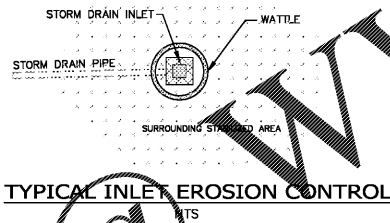
RIPRAP OUTLET PROTECTION
NTS



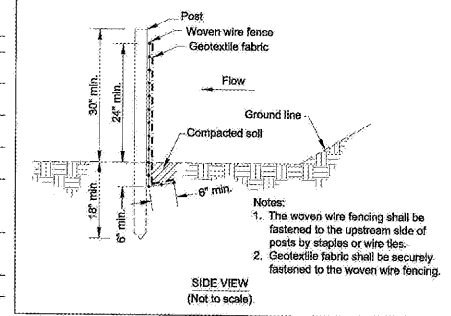
BLOCK & GRAVEL CURB INLET SEDIMENT FILTER

SPECIFIC APPLICATION
THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE AN OVERFLOW CAPABILITY IS NECESSARY TO PREVENT EXCESSIVE PONDING IN FRONT OF THE STRUCTURE.

- MAINTENANCE**
- 1) THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
 - 2) SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
 - 3) STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

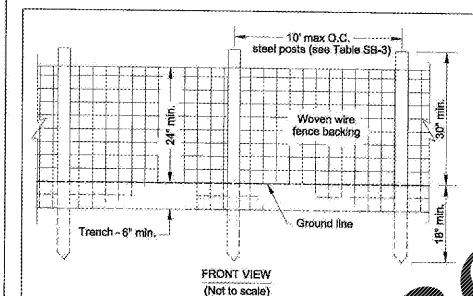


TYPICAL INLET EROSION CONTROL
NTS



- Notes:**
1. The woven wire fencing shall be fastened to the upstream side of posts by staples or wire ties.
 2. Geotextile fabric shall be securely fastened to the woven wire fencing.

SIDE VIEW
(Not to scale)



FRONT VIEW
(Not to scale)

Figure SB-1 Silt Fence-Type A

- (1) For fabric material requirements see Table SB-1
- (2) For post material requirements see Tables SB-3 and SB-4

Table SB-1 Specifications for Silt Fence

Specifications	Type A
Tensile Strength (Lbs. Min. ASTM D-4632)	Warp - 250 Fill - 100
Elongation (% Max.) (ASTM D-4632)	40
AOS (Apparent Opening Size) (Max. Sieve Size) (ASTM D-4751)	no.30
Flow Rate (Gal/Min/Sq. Ft.) (GDT-87)	70
Ultraviolet Stability* (ASTM D-4632 after 300 hours weathering in accordance with ASTM D-4355)	60
Bursting Strength (PSI Min.) (ASTM D-3786 Diaphragm Bursting Strength Tester)	175
Minimum Fabric Width (inches)	36

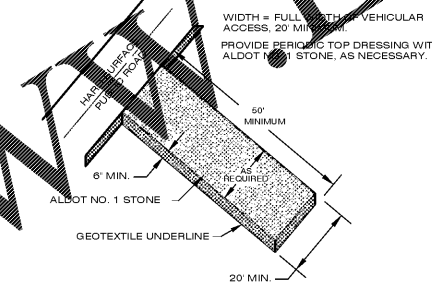
* Minimum roll average of 5 specimens.
* Percent of required initial minimum tensile strength.

GENERAL NOTES

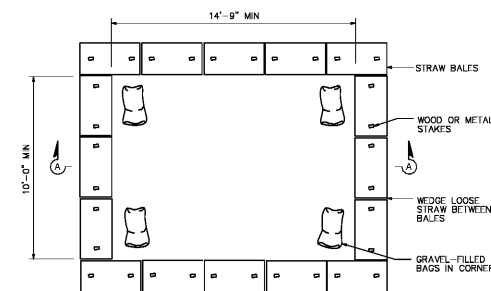
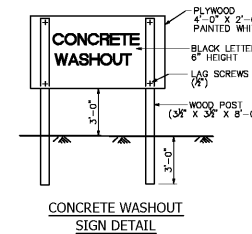
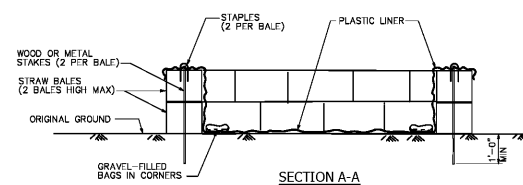
1. TYPE "A" SILT FENCES SHALL BE USED IN AREAS OF CONCENTRATED FLOW.
2. SILT FENCES ARE TEMPORARY EROSION CONTROL ITEMS THAT SHALL BE REMOVED UPON SITE RESTORATION AREAS SUCH AS NEWLY GRADED FILL SLOPES AND PLACED TO STREAMS AND CHANNELS.
3. SILT FENCES SHOULD BE PLACED WELL INSIDE PROPERTY BOUNDARY AND ALONG EDGE OF CLEARING LIMITS. THIS WILL ALLOW ROOM FOR A BACK-UP FENCE IF FIRST BECOMES FULL. SILT FENCES SHALL BE IN PLACE PRIOR TO ANY CONSTRUCTION OPERATION.
4. WHEREVER POSSIBLE, SILT FENCES SHALL BE CONSTRUCTED ACROSS A FLAT AREA IN THE SHAPE OF A HORSESHOE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATES SEDIMENTATION.
5. AFTER THE CONSTRUCTION AREA IS STABILIZED AND EROSION ACTIVITY CURTAILED, SILT FENCES SHALL BE REMOVED.
6. RING FASTENERS USED TO SECURE GEOTEXTILES TO WOVEN WIRE SHALL BE 13 GA. (AMERICAN).
7. IF WOOD POSTS ARE USED, STAPLES FOR SECURING WOVEN WIRE TO POSTS SHALL BE NINE (9) GAUGE, GALVANIZED, 1 1/2" LONG, FIVE (5) PER POST @ APPROXIMATELY 1'-0" ON CENTER.
8. WOVEN WIRE TO BE 12 1/2 GAUGE (MINIMUM).

SPECIFICATIONS

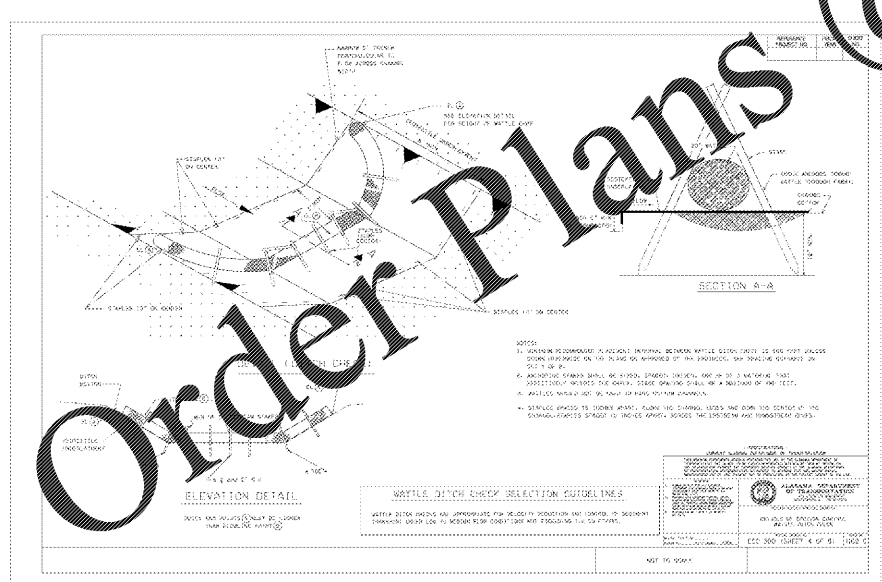
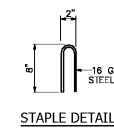
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION



STONE PAD CONSTRUCTION EXIT
NTS

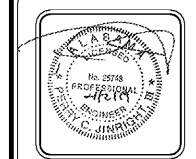


TEMPORARY CONCRETE WASHOUT FACILITY
(ON GRADE)



WATTLES
SLOPE STABILIZATION INSTALLATION DETAIL

CIP-2017-001
UPGRADES TO THE MOBILE COUNTY METRO JAIL
For The MOBILE COUNTY COMMISSION
MOBILE, ALABAMA



DRAWN	SER	CHECK	PCJ
DATE	April 2, 2019 RTA		
REVISED			
REVISED			

SHEET TITLE
EROSION CONTROL DETAILS
BASE BID

JOB NO.
PH&J 1801-GV

SEQUENCE
NO. 31 OF 175

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