

CONSTRUCTION EXIT (TYPE 1)

- The length of the type 1 construction exit shall be as indicated on the plans, but not less than 50°. 2. The coarse aggregate should be open graded with a size of 4" to 8".
- 3. The approach transitions should be no steeper than 6:1.

INLET SEDIMENT FILTER USAGE GUIDELINES

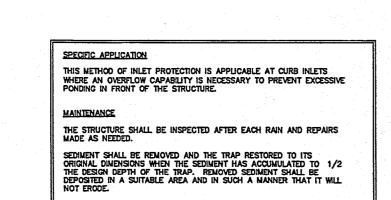
THIS METHOD OF INLET PROTECTION IS APPLICABLE AT INLETS WHERE AN OVERFLOW CAPABILITY IS NECESSARY TO PREVENT EXCESSIVE PONDING IN FRONT OF THE STRUCTURE.

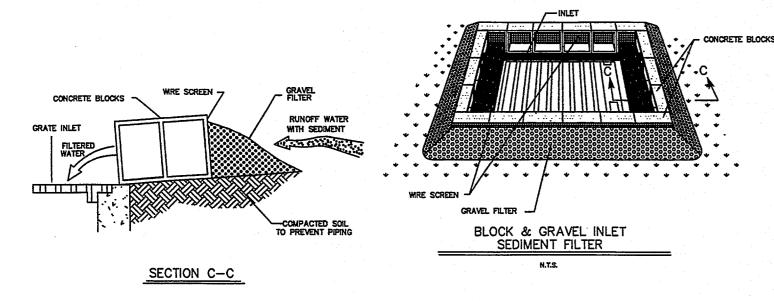
The structure shall be inspected after each rain and repairs made as needed.

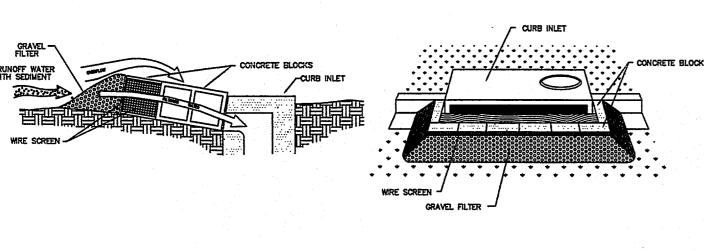
SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.

STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

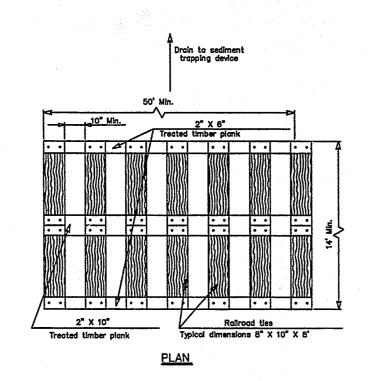
 The construction exit foundation course shall be flexible base, bituminous concrete or portland cement concrete. The construction exit shall be graded to allow drainage to a sediment trapping device.

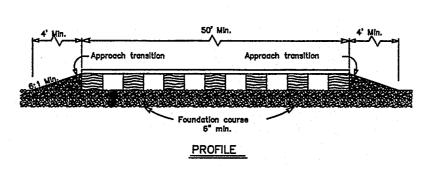






BLOCK & GRAVEL CURB INLET SEDIMENT FILTER

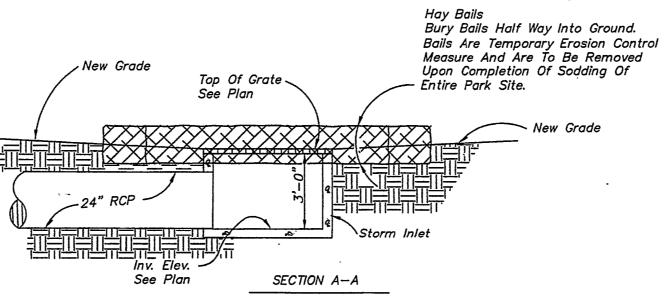


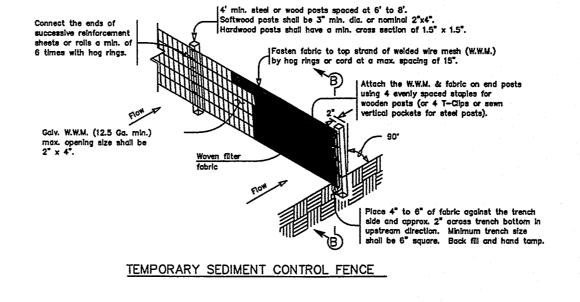


CONSTRUCTION EXIT (TYPE 2)

GENERAL NOTES

- The length of the type 2 construction exit shall be as indicated on the plans, but not less than 50'.
- The treated timber planks shall be attached to the railroad ties with 1/2 "x 6" min. log botts.
- The treated timber planks shall be #2 grade min., and should be free from large and loose knots.
- 4. The approach transitions shall be no steeper than 6:1.
- The construction exit foundation course shall be flexible base, bituminous concrete or portland cement concrete.
- The construction exit should be graded to allow drainage to a sediment trapping device.





SECTION A-A

2. Side slopes should be 2:1 or flatter. Dams within the safety (clear) zone shall have side slopes of 6:1 or flatter.

3. Rock filter dam types 2 & 3 shall be secured with 20 gauge galvanized woven wire mesh with 1" diameter hexagonal openings. The aggregate shall be placed on the mesh to the height & sloped specified. The mesh shall be folded at the upstream side over the aggregate and tightly secured to itself on the downstream side using wire ties or hog rings. In stream use the mesh should be secured or staked to the stream bed prior to aggregate placement.

1. The rock filter dam dimensions shall be as indicated on the sediment control plan.

GENERAL NOTES

Back fill & hand tamp.

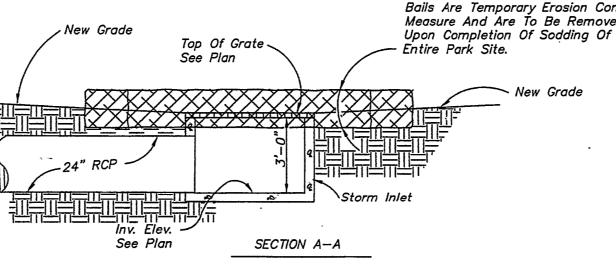
SECTION B-B

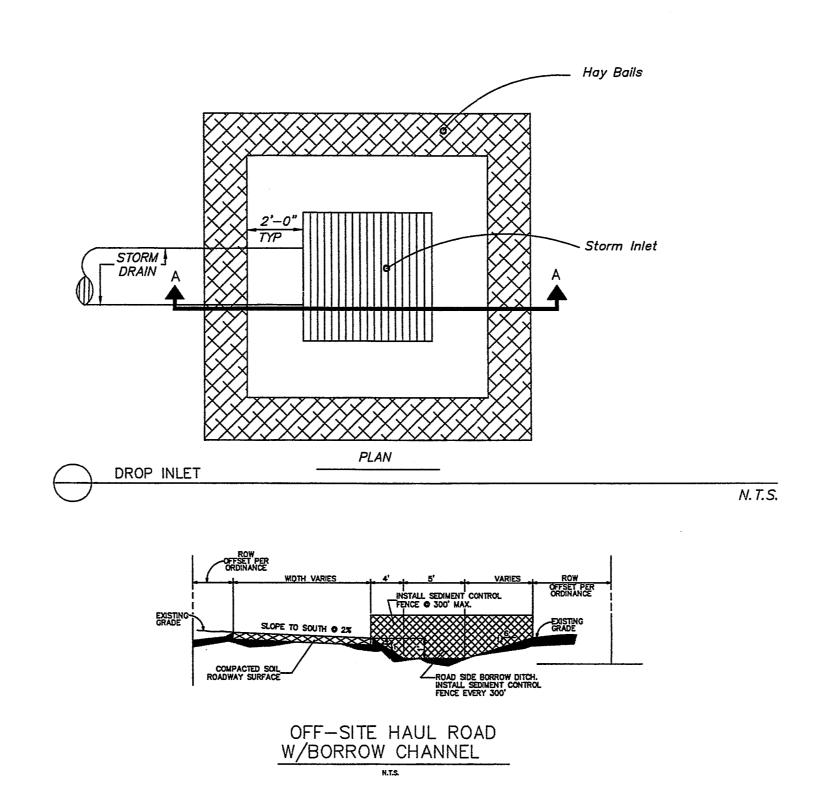
ROCK FILTER DAM USAGE GUIDELINES Rock Filter Dams should be constructed downstream from disturbed areas to intercept sediment from overland runoff and/or concentrated flow. The dams should be sized to filter a maximum flow through rate of 0.15 CFS/TI of cross sectional area. A 2 year Type 1 (18" high with no wire mesh): Type 1 may be used at the toe of slopes, around inlets, in small ditches, and at dike or swale outlets. This type of dam is recommended to control erasion from a drainage area of 5 acres or less. Type 1 may not be used in concentrated high velocity flows (approx. Brt/Sec or more) in which aggregate wash out may occur. Sandbags may be used at the embedded foundation (4" deep min.) for better filtering efficiency of low flows if called for on the plans. Type 2 (18" high with wire mesh): Type 2 may be used in ditches and at dike or swale outlets. Type 4 (Sack gablone): Type 4 May be used in ditches and smaller channels to form an erosion control dam.

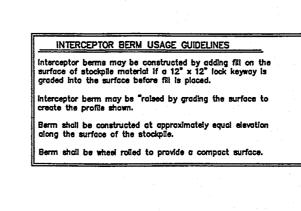
Gaivanized Woven Wire Mesh
(for Types 2 & 3)

FILTER DAM AT CHANNEL SECTIONS

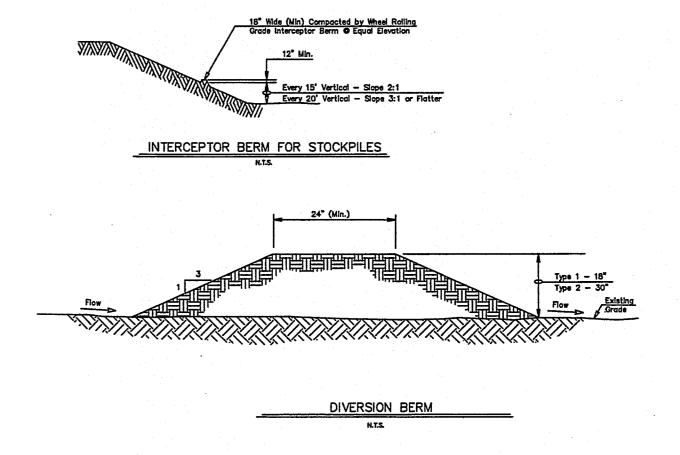
SEDIMENT CONTROL FENCE USAGE GUIDELINES A sediment control fence may be constructed near the downstream perimeter of a disturbed area along a contour to intercept sediment from overland runoff. A 2 year storm frequency may be used to calculate the flow rate to be filtered. Sediment control fence should be sized to filter a max. flow through rate of 0.25 CFS/FT*. Sediment control fence is not recommended to control erosion from a drainage area larger than 2 acres.







DIVERSION BERM GUIDELINES eraion berms shall be constructed of cohesive materials. Berms shall be constructed in areas of where off-site surface runoff enters on active construction area. Berm shall be wheel rolled to provide a compact structure. term shall remain until the construction area is permanently stabilized



POLLUTION MA STORM

PROTECTION

DATE: JULY 2016

REVISIONS

SHEET NO.

SWPPP

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