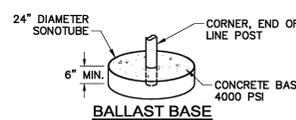
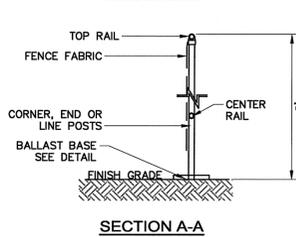
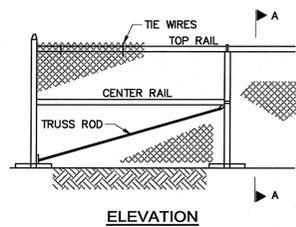


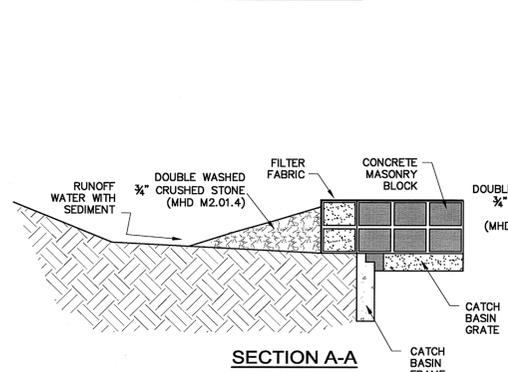
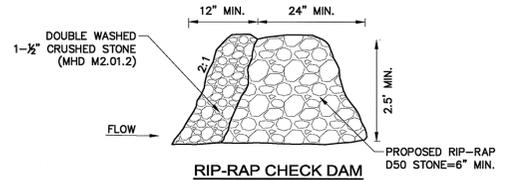
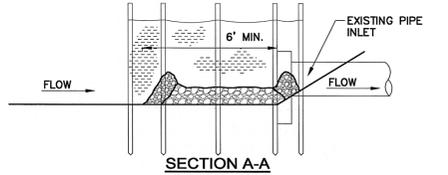
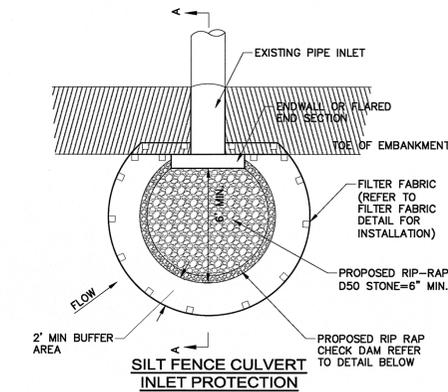
- CONSTRUCTION SPECIFICATIONS**
- STONE SIZE - USE 2" TO 3" STONE.
  - LENGTH - GREATER THAN OR EQUAL TO 50 FEET
  - THICKNESS - 6"
  - WIDTH - TWELVE FOOT MINIMUM (ONE WAY), TWENTY FOUR FOOT MINIMUM (TWO WAY), BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
  - SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM SHALL BE PERMITTED.
  - MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
  - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED.

**STABILIZED CONSTRUCTION ENTRANCE**  
NOT TO SCALE



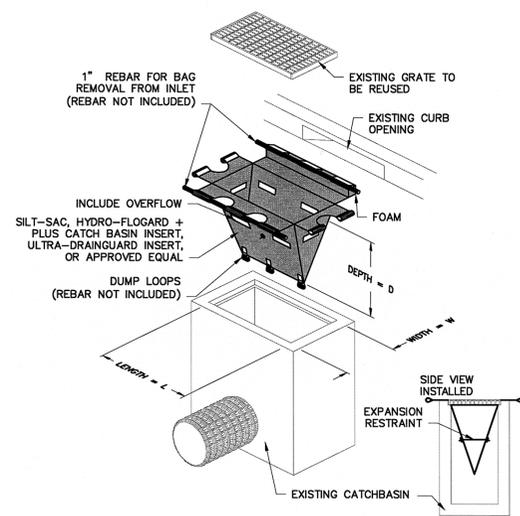
**TEMPORARY CONSTRUCTION CHAIN LINK FENCE WITH BALLAST BASE**  
NOT TO SCALE

- NOTES**
- END, GATE AND CORNER POSTS SHALL BE BRACED TO ADJACENT LINE POSTS. (MORE THAN 30' CHANGE IN DIRECTION CONSTITUTES A CORNER)
  - FABRIC SHALL BE 0.148" GAUGE MIN. WIRE, WOVEN INTO APPROXIMATELY 2" DIAMOND MESH.
  - ZINC-COATED STEEL FABRIC BASE METAL SHALL BE COATED WITH PRIME WESTERN SPELTER OR EQUAL.
  - ALUMINUM COATED STEEL FABRIC BASE METAL SHALL BE COATED WITH ALUMINUM ALLOY.
  - LINE POSTS SHALL BE 2 1/2" O.D. END OR CORNER POSTS SHALL BE 3" O.D.
  - THE CONTRACTOR IS RESPONSIBLE FOR SURFACE RESTORATION ONCE THE FENCE IS REMOVED.
  - THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE TEMPORARY CONSTRUCTION FENCE AT THE CONCLUSION OF THE PROJECT.
  - SEE SPECIFICATION



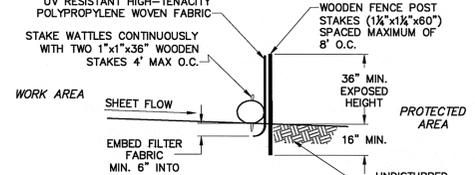
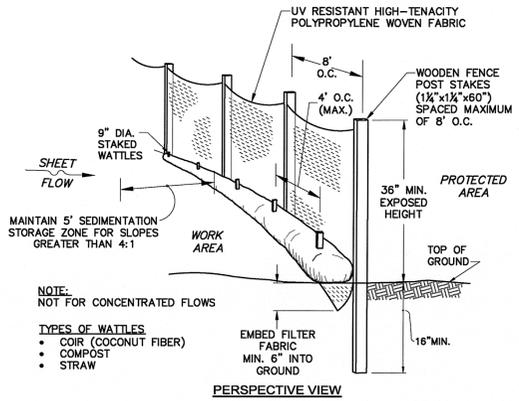
**INLET PROTECTION CATCH BASIN W/ BLOCK AND GRAVEL**  
NOT TO SCALE

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND STRUCTURE.



THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS SHEET, OVERLAND OR CONCENTRATED FLOWS (NOT GREATER THAN 1 CFS). THE METHOD CAN DRAIN FLAT AREA TO STEEP SLOPES. INLET CAPACITY WILL BE DECREASED WITH THIS METHOD AND THE CONTRACTOR SHALL EXPECT PONDING DURING HIGH FLOW EVENTS.

**INLET PROTECTION CATCH BASIN W/ SILTATION SACK**  
NOT TO SCALE



**EROSION CONTROL BARRIER - OPTION 1 SILT FENCE DETAIL WITH WATTLES**  
NOT TO SCALE

- TYPES OF WATTLES**
- COIR (COCONUT FIBER)
  - COMPOST
  - STRAW

NOTE: NOT FOR CONCENTRATED FLOWS

MAINTAIN 5' SEDIMENTATION STORAGE ZONE FOR SLOPES GREATER THAN 4:1

9" DIA STAKED WATTLES

EMBED FILTER FABRIC MIN. 6" INTO GROUND

UV RESISTANT HIGH-TENACITY POLYPROPYLENE WOVEN FABRIC

WOODEN FENCE POST STAKES (1 1/2"x1 1/2"x60") SPACED MAXIMUM OF 8' O.C.

36" MIN. EXPOSED HEIGHT

16" MIN.

WORK AREA

PROTECTED AREA

UNDISTURBED GROUND

TOP OF GROUND

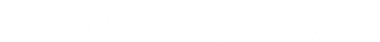
4" O.C. (MAX.)

8' O.C.

SHEET FLOW

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPE NO GREATER THAN 5%) WHERE THE INLET SHEET OR OVERLAND FLOWS (NOT GREATER THAN 1 CFS) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLET RECEIVING CONCENTRATED FLOWS. THIS USE OF THIS METHOD SHOULD NOT EXCEED 3 MONTHS WITHOUT REPLACEMENT OF STRAW WATTLES. THIS METHOD NOT ACCEPTABLE IN ACTIVE TRAFFIC AREAS.

**CATCH BASIN W/ STRAW WATTLES INLET PROTECTION**  
NOT TO SCALE



- Civil Engineering
- Land Surveying
- Transportation Engineering
- Planning
- GIS Services



Revisions:

PERMIT SET 11/21/2012