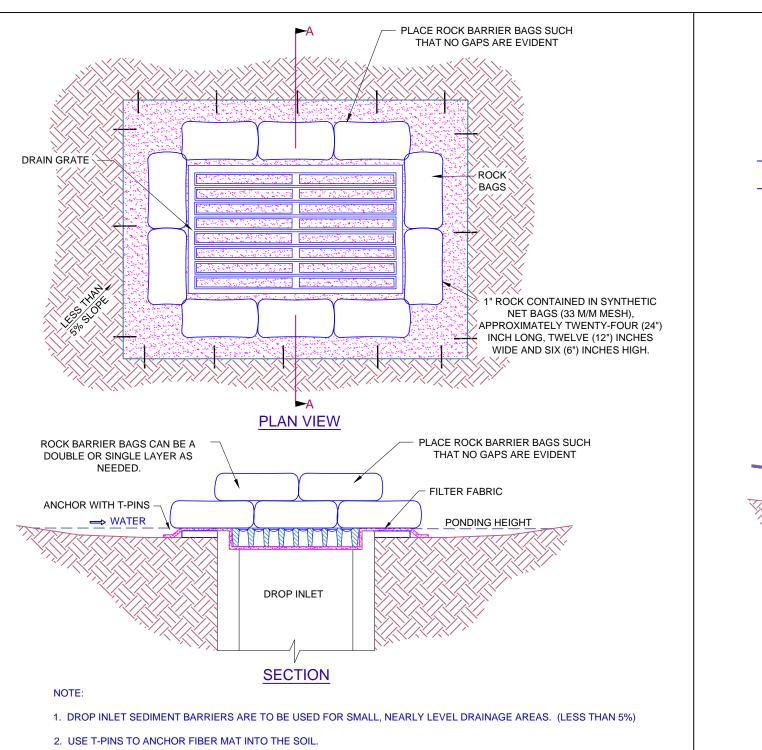


- SPILLWAY; OR IN THE CENTER IF PONDING IS NEEDED ON BOTH SIDES.
- 4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT, SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

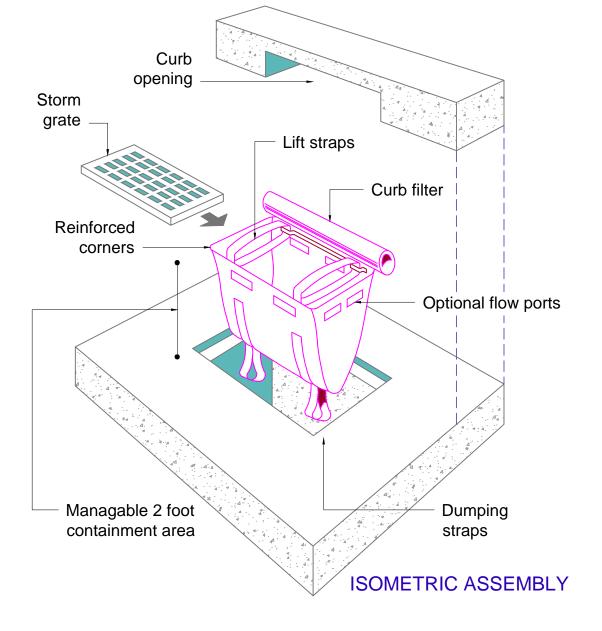
ROCK CHECK DAMS **ROCK BAG CHECK DAMS**



- 36" WIDE FILTER MAT **PLAN VIEW CURB INLET**
- NOTES:

CURB INLET

- 1. USE FILTER MAT SEDIMENT BARRIER WHEN CURB INLET IS LOCATED IN GENTLY SLOPING STREET, WITH MINIMAL NEED, WHERE WATER CAN FILTER AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
- 2. BARRIER SHALL ALLOW FOR OVERFLOW FROM SEVERE STORM EVENT.
- 3. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

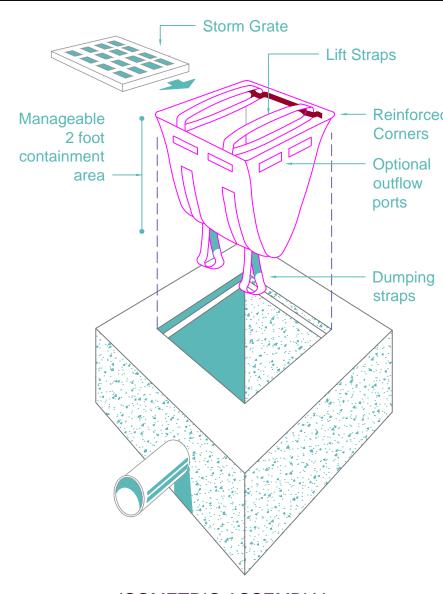


- 1. Remove the grate from the catch basin.
- 2. Stand grate on end. Move the top lifting straps out of the way and place grate into the unit so that the grate is below the top straps and above the lower straps. The grate should be cradled between the upper and lower
- 3. Holding the lifting straps, insert the grate into the inlet, being careful that the grate remains in place and being careful not to damage the unit.
- 4. Remove all accumulated sediment and debris from the vicinity of unit after each storm event.
- 5. After each storm event and at regular intervals, look into the unit. If the unit is more than 1/3 full of accumulated sediment, the unit must be emptied.
- 6. To empty the unit, using the lifting straps lift the unit out of the inlet and remove the grate. Transport the unit to an appropriate location for removal of contents. Holding the dumping straps on the bottom of the unit, turn the unit upside down, emptying the contents. Reinstall unit as above.

Lift Straps Corners containment ISOMETRIC ASSEMBLY

- 1. Remove the grate from the catch basin.
- 2. Stand grate on end. Move the top lifting straps out of the way and place grate into the unit so that the grate is below the
- 3. Holding the lifting straps, insert the grate into the inlet, being careful that the grate remains in place and being careful not
- appropriate location for removal of contents. Holding the dumping straps on the bottom of the unit, turn the unit upside down, emptying the contents. Reinstall unit as above.

ROCK BAG CURB INLET BARRIER



- top straps and above the lower straps. The grate should be cradled between the upper and lower straps.
- 4. Remove all accumulated sediment and debris from the vicinity of unit after each storm event.
- 5. After each storm event and at regular intervals, look into the unit. If the unit is more than 1/3 full of accumulated sediment, the unit must be emptied.
- 6. To empty the unit, using the lifting straps lift the unit out of the inlet and remove the grate. Transport the unit to an

ROCK BAG / FILTER MAT DROP INLET SEDIMENT BARRIER

3. A "REASONABLE" DESIGN SIZE PARTICLE TO CAPTURE MUST BE SELECTED.

4. SIZE DISTRIBUTION OF UPSTREAM SOIL PARTICLES MUST BE EVALUATED.

5. INFLOW AND OUTFLOW FROM THE SYSTEM FOR A SPECIFIC FREQUENCY STORM MUST BE KNOWN.

6. POND VOLUME IS DIRECTLY PROPORTIONAL TO THE DISCHARGE RATE OF WATER FROM THE SYSTEM.

8. A SYSTEM MUST PROVIDE SUFFICIENT FLOW TO ALLOW FOR DEPOSITION OF DESIGN SIZE PARTICLES.

7. POND VOLUME IS INVERSELY PROPORTIONAL TO THE MASS OF THE DESIGN SIZE SUSPENDED PARTICLE.

9. THE PONDING HEIGHT MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNNOFF FROM

BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.

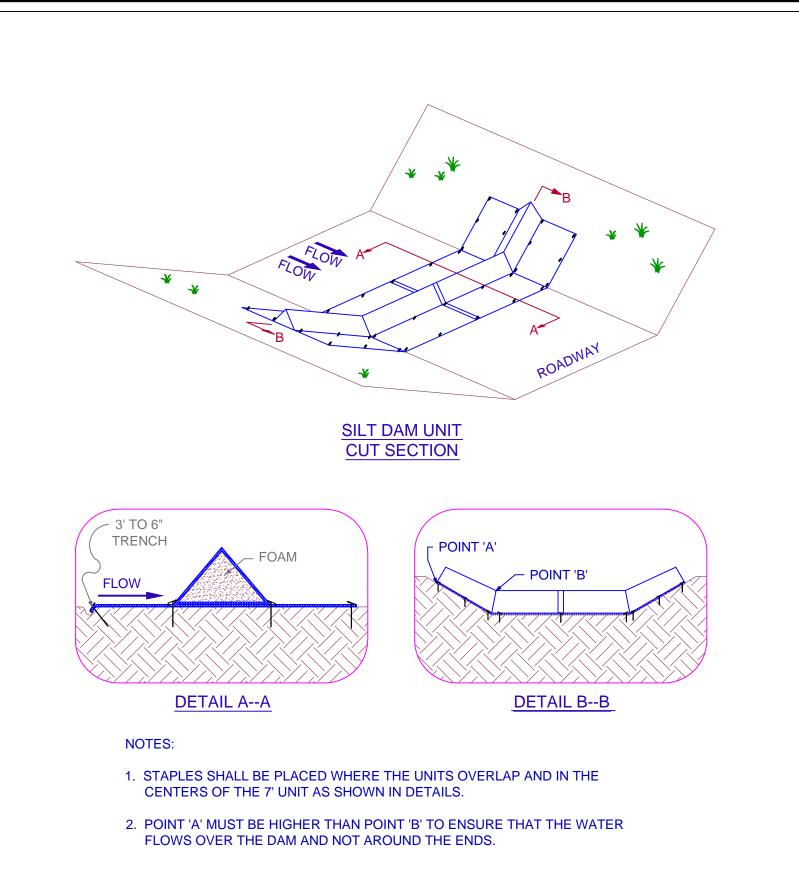
CURB INLET FILTER MAT SEDIMENT BARRIER

CURB INLET SEDIMENT BAG

DROP INLET SEDIMENT BAG

Drawing Number

ERO-D2



tightly abut -Vertical spacing is dependent on slope gradient Install wattle in a shallow trench (2 - 3 in. deep) **Typical Wattle Installation Guide Typical Wattle Spacing based on Slope Gradient** Compact excavated Drive Stake until 2-3" soil on upslope side remains exposed. Install stake perpendicular to slope face. Set wattle in a 2" to 3" deep —Install with 18" or 24 1 x 1 wood stakes **Enrichment Detail** NOTES: 1. Begin at the location where the wattle is to be installed by excavating a 2 - 3" deep x 9" wide trench along the contour of the slope. Excavated soil should be placed up-slope from the anchor trench.

2. Place the wattle in the trench so that it contours to the soil surface. Compact the soil from the excavated trench against the wattle on the uphill side. Adjacent wattles should tightly abut. 3. Secure the wattle with 18 - 24" stakes every 3 - 4' With a stake on each end. Stakes should be driven through the middle of the wattles leaving at least e - 3" of stake extending above, the wattle stakes should be driven perpendicular to slope face.

SILT FENCE

DIVERSION RIDGE REQUIRED

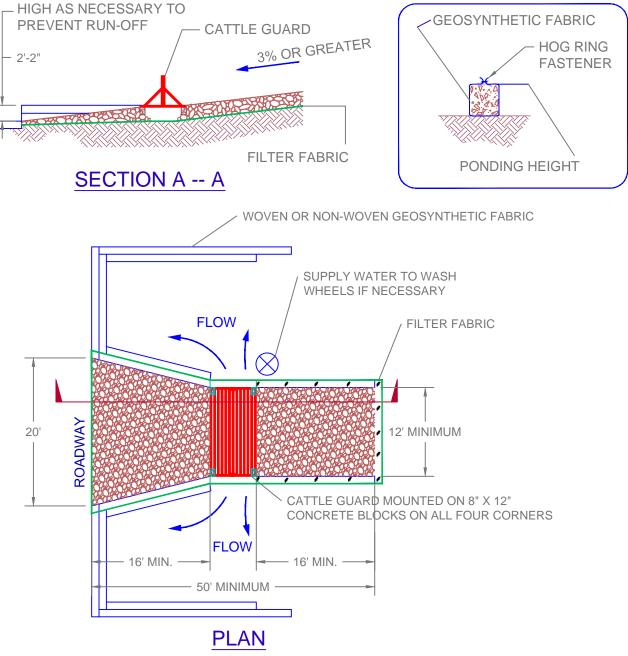
WHERE GRADE EXCEEDS 2% ROADWAY SECTION A -- A **ROCK BAGS, OR CONTINUOUS** SPILLWAY **USE ROCK BAGS TO CHANNELIZE** GEOSYNTHETIC FABRIC BERM RUNOFF TO BASIN AS REQUIRED. OF EQUIVALENT HEIGHT -SEE NOTES. SUPPLY WATER TO WASH - ROCK BAGS MUST BE WHEELS IF NECESSARY PLACED SUCH THAT NO GAPS ARE EVIDENT — FILTER FABRIC TO EXTEND BEYOND ROCKS COURSE AGGREGATE ROCK MIN. 6" THICK W/ FILTER FABRIC DIVERSION RIDGE <u>PLAN</u>

- 1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC
- 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
- 4. BAGS OF WOVEN GEOTEXTILE FABRIC, FILLED WITH GRAVEL MUST BE LAYERED SUCH

THAT NO GAPS ARE EVIDENT.

TEMPORARY ROCK CONSTRUCTION ENTERANCE / EXIT

TRIANGULAR SILT DIKES

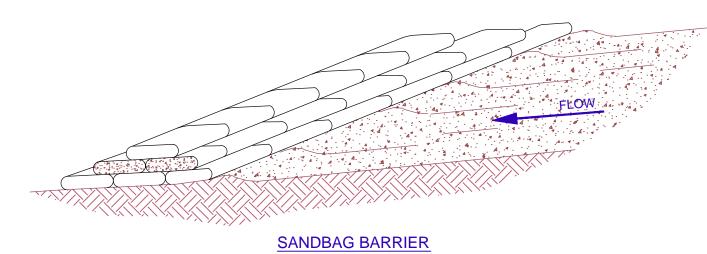


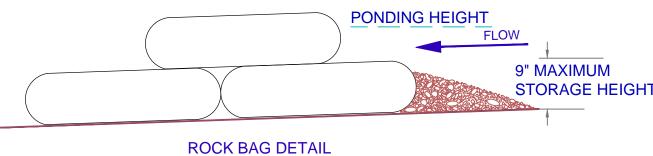
NOTES:

- 1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE A MOUNTED CATTLE GUARD AND SEDIMENT PONDS TO TRAP SEDIMENT.
- 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC
- 3 WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON THE CATTLE GUARD. FIRST WASH ONE SET OF TIRES THEN, MOVE FORWARD TO WASH THE SECOND SET OF TIRES. THE GUARD IS TO BE MOUNTED ON 8" X 12" CEMENT BLOCK ON AN AREA OF STABILIZED CRUSHED STONE WITH A DRAIN INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN

TEMPORARY ROCK CONSTRUCTION ENTERANCE / EXIT - STEEP GRADES

STRAW WATTLE INSTALLATION





- 1. A 'REASONABLE' DESIGN SIZE PARTICLE MUST BE SELECTED.
- 2. SIZE DISTRIBUTION OR UPSTREAM SOIL PARTICLES MUST BE EVALUATED.
- 3. INFLOW AND OUTFLOW FROM THE SYSTEM FOR A SPECIFIC FREQUENCY STORM MUST BE KNOWN.
- 4. POND VOLUME IS DIRECTLY PROPORTIONAL TO THE DISCHARGE RATE OF THE SYSTEM.
- 5. POND VOLUME IS INVERSELY PROPORTIONAL TO THE MASS OF THE DESIGN SIZE SUSPENDED PARTICLE.
- 6. A SYSTEM MUST PROVIDE SUFFICIENT FLOW TO ALLOW FOR DEPOSITION OF DESIGN PARTICLES.
- 7. THE PONDING HEIGHT MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.
- 8. ROCK BAG SILT BARRIER SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE POUNDING EFFICIENCY.
- 9. PLACE ROCK BAG SUCH THAT NO GAPS ARE EVIDENT.
- 10. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" MAXIMUM RECOMMENDED STORAGE HEIGHT.
- 11. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE TO SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

ROCK BAG SILT FENCE

STORAGE HEIGHT

Drawing Number

ERO-D1