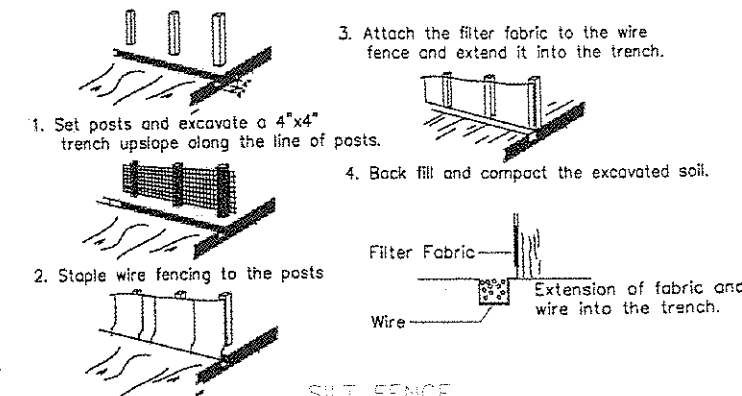


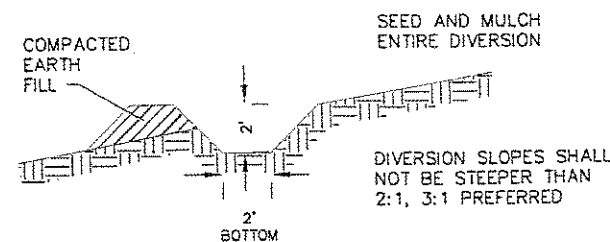
- 1 THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36 INCHES (HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE.)
- 2 THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL, CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINT. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY SEALED.
- 3 POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12 INCHES) WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET.
- 4 A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPED FROM THE BARRIER.
- 5 WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH LONG. THE WIRES OF HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES AND SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
- 6 THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXCEED MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO THE EXISTING TREES.
- 7 WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF ITEM NO. 6 APPLYING.
- 8 THE TRENCH SHALL BE BACK FILLED AND SOIL COMPACTED OVER THE FILTER FABRIC.
- 9 SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

MAINTENANCE

- MAINTENANCE**
- 1 SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
 - 2 SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
 - 3 SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
 - 4 ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEED.



SILT FENCE
NOT TO SCALE



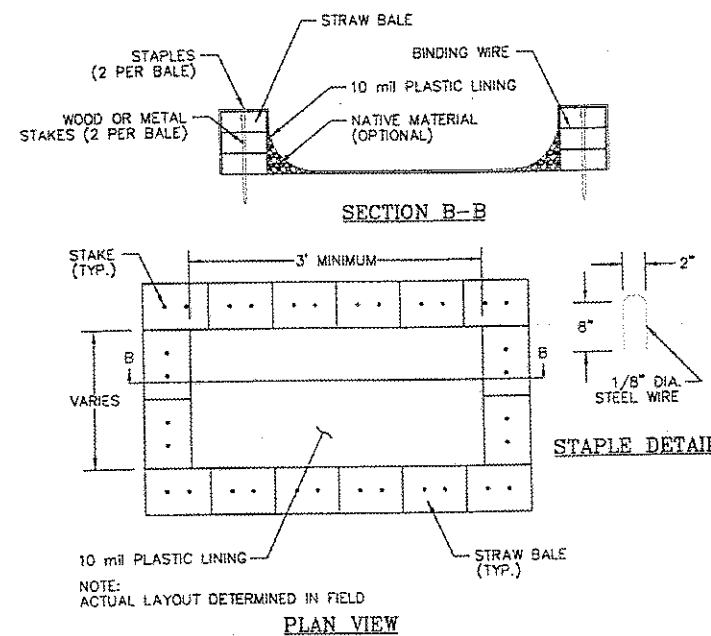
1. DIVERSION SHALL BE COMPACTED BY TRAVERSING WITH TRACKED EARTH MOVING EQUIPMENT.
2. DIVERSIONS SHALL NOT BE BREACHED OR LOWERED TO ALLOW CONSTRUCTION TRAFFIC TO CROSS; INSTEAD THE TOP WIDTH MAY BE MADE WIDER AND SIDE SLOPES MADE FLATTER THAN SPECIFIED ABOVE.
3. DIVERSIONS SHALL BE STABILIZED WITH VEGETATION AND CHECK DAMS OR THE FOLLOWING TREATMENTS:

PERMANENT DIVERSION STABILIZATION TREATMENT			
DIVERSION SLOPE	< 2 ACRES	2 TO 5 ACRES	5 TO 10 ACRES
0 - 3%	MATTING	MATTING	MATTING
3 - 5%	MATTING	MATTING	MATTING
5 - 8%	MATTING	MATTING	MATTING
8 - 20%	MATTING	MATTING	ENGINEERED

NOTE:
DIVERSIONS WITH STEEPER SLOPES OR GREATER DRAINAGE AREAS ARE BEYOND THE SCOPE OF THIS STANDARD AND MUST BE DESIGNED FOR STABILITY.
SEED, STRAW AND MATTING USED SHALL MEET THE SPECIFICATIONS FOR TEMPORARY SEEDING, MULCHING AND MATTING.

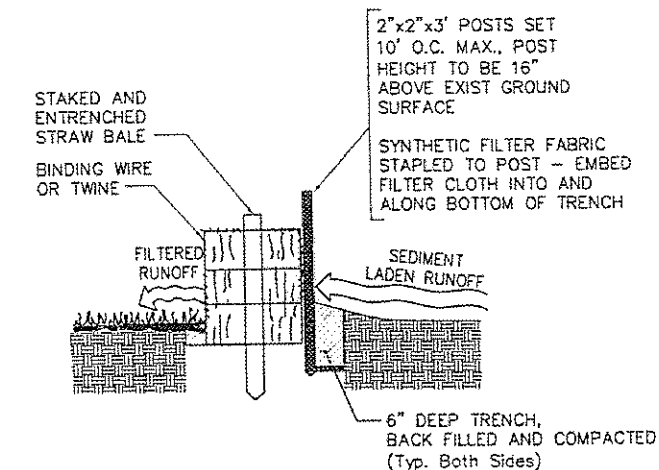
SPECIFICATIONS FOR TEMPORARY DIVERSION DITCH

NOT TO SCALE

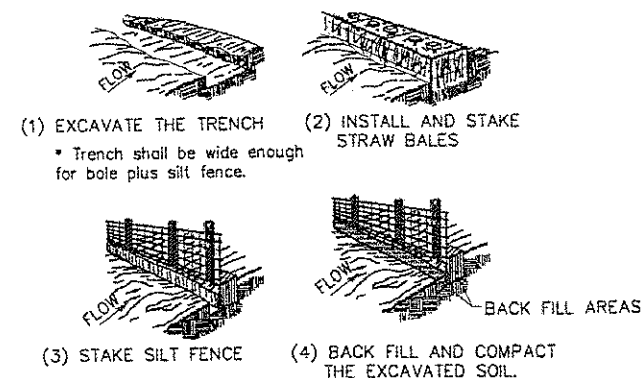


CONCRETE WASHOUT PIT
NOT TO SCALE

Maintenance
The contractor shall inspect the erosion and sediment controls every seven (7) days or within 24 hours of a 0.5" or greater rainfall event.

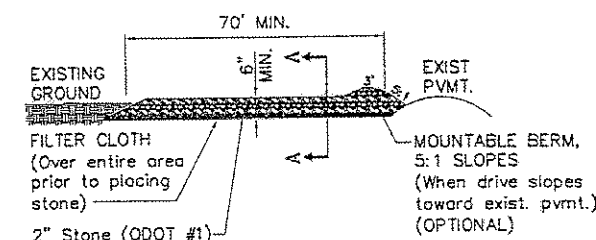


PROPERLY INSTALLED COMBINATION BARRIER
(Cross Section)
NOT TO SCALE

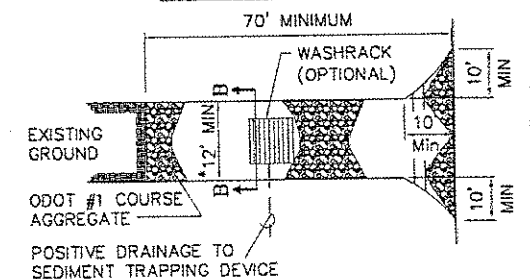


COMBINATION SEDIMENT BARRIER

NOT TO SCALE

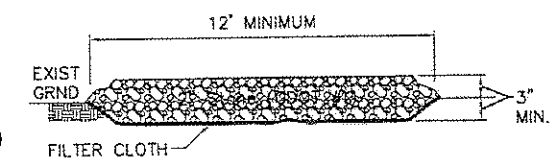


SIDE ELEVATION

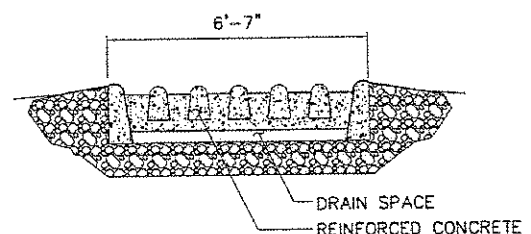


PLAN VIEW

STONE CONSTRUCTION ENTRANCE

NO² TO SCALE

SECTION A-A



SECTION B-B



HESS & ASSOCIATES
ENGINEERING INC.

12121 KINSMAN ROAD
NEWBURY, OHIO 44065

Telephone: (440) 564-8038
Fax : (440) 564-8176

PREPARED UNDER THE
SUPERVISION OF:



REVISIONS

**Tony Debevc, Jr. Property
Abbreviated Erosion and Sediment Control Plan
DETAILS**

SITE LOCATION: South Madison Road
Madison Twp., Lake County, State of Ohio

Site Address:
Parcel ID: #01A0480000260
South Madison Road
Madison Twp.
Lake County - State of Ohio

Prepared For:
Tony Debevo, Jr.
652 N. Creek Road
Painesville, OH 44077

HESS Project #10-021

DESIGNED BY: MT
DRAWN BY : MT
CHECKED BY: GJH
DATE : 8/2010
SCALE : NONE H.
: N/A V.

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