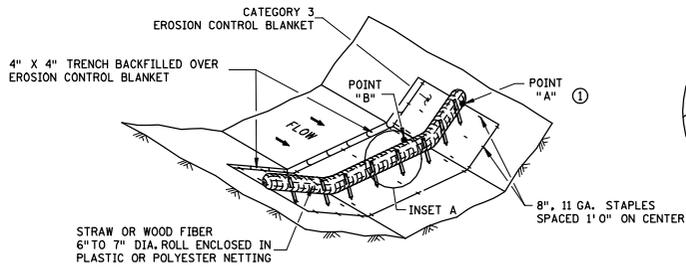
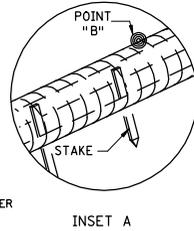


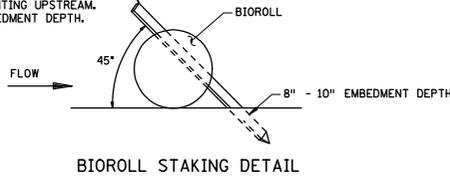
## Appendix D: Erosion Control Details



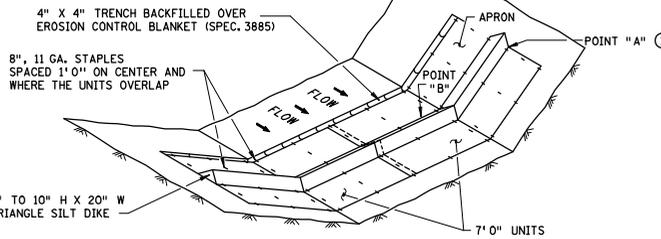
**TYPE 3: BIOROLL BLANKET SYSTEM DITCH CHECK**



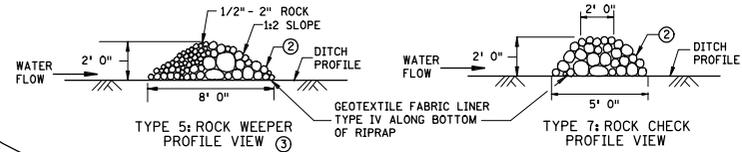
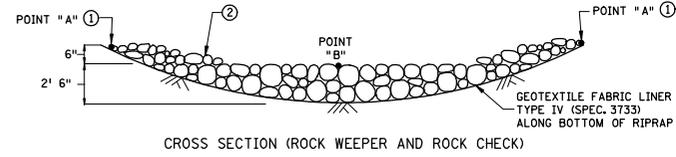
1" X 2" X 18" LONG WOODEN STAKES AT 1' 0" SPACING MAXIMUM. STAKES SHALL BE DRIVEN THROUGH THE BACK HALF OF THE BIOROLL AT AN ANGLE OF 45 DEGREES WITH THE TOP OF THE STAKE POINTING UPSTREAM. PROVIDE 8" TO 10" OF EMBEDMENT DEPTH.



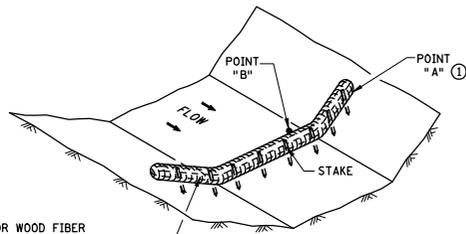
**BIOROLL STAKING DETAIL**



**TYPE 6: GEOTEXTILE TRIANGULAR DIKE DITCH CHECK**



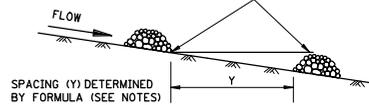
**TYPE 5: ROCK WEEPER AND TYPE 7: ROCK CHECK DITCH CHECKS**  
USE ON ROUGH GRADED AREAS



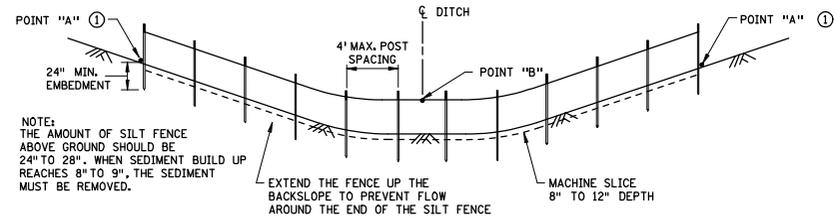
STRAW OR WOOD FIBER 6" TO 7" DIA. ROLL ENCLOSED IN PLASTIC OR POLYESTER NETTING

**TYPE 2: BIOROLL DITCH CHECK**  
USE ON ROUGH GRADED AREAS

BOTTOM OF UPPER CHECK SHOULD BE SAME ELEVATION AS THE TOP OF THE LOWER CHECK TO PROVIDE FOR POOLING.



**DITCH CHECK SPACING**



**TYPE 1: SLICED IN SILT FENCE DITCH CHECK**

**NOTES:**

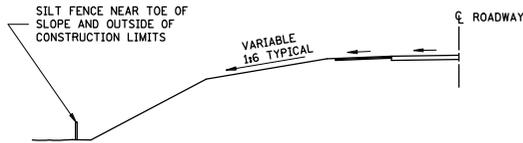
- SEE SPECS. 2573, 3601, 3733, 3885, 3886 & 3889.
- APPROXIMATE SPACING BETWEEN EACH DITCH CHECK SHOULD BE DETERMINED FROM THE FOLLOWING SPACING FORMULA:  
APPROXIMATE SPACING OF DITCH CHECKS (FT.) =  $\frac{\text{DITCH CHECK HEIGHT (FT)}}{\% \text{ CHANNEL SLOPE}} \times 100$
- POINT "A" MUST BE A MINIMUM OF 6 INCHES HIGHER THAN POINT "B" TO ENSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.
- CLASS I - IV RIPRAP (SPEC. 3601) WITH GEOTEXTILE FABRIC LINER, TYPE IV (SPEC. 3733).
- THE ROCK WEEPER FILTERS SEDIMENT OUT OF THE WATER BETTER THAN THE OTHER DITCH CHECKS. THE ROCK WEEPER COULD BE USED AS A PERMANENT WATER FILTERING FEATURE.
- PERMANENT ROCK DITCH CHECKS PLACED WITHIN THE CLEAR ZONE WILL NEED TO BE 18" OR LESS IN HEIGHT. A 1:6 APPROACH AND DEPARTURE SLOPE SHALL BE PROVIDED.

GENERAL DESIGN GUIDELINES						
DITCH CHECK TYPE	SILT FENCE	BIOROLL	BIOROLL BLANKET	TRIANGULAR DIKE	ROCK WEEPER	ROCK CHECK
STORM FREQUENCY:	2 YR. - 24 HR.	2 YR. - 24 HR.	2 YR. - 24 HR.	2 YR. - 24 HR.	5 YR. - 24 HR.	5 YR. - 24 HR.
MAX. FLOW VELOCITY:	< 1 FT./SECOND	1.5 FT./SECOND	4.5 FT./SECOND	1.5 FT./SECOND	12 FT./SECOND	12 FT./SECOND
MAX. DITCH GRADE:	0% - 0.5%	1.5% - 3%	1.5% - 3%	1.5% - 2.0%	3% - 5%	3% - 5%
MAX. DRAINAGE AREA:	1 ACRE	2 ACRE	2 ACRE	4 ACRE	4+ ACRE	4+ ACRE

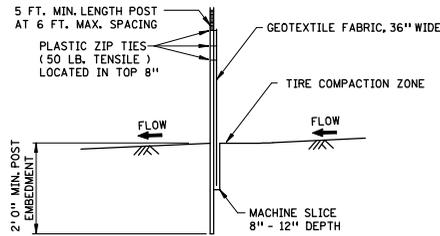
STANDARD SHEET NO.  
5-297.405 (3 OF 4)  
STANDARD APPROVED:  
SEPTEMBER 27, 2006

TEMPORARY SEDIMENT CONTROL  
DITCH CHECK/BARRIER

STATE PROJ. NO. (TH ) SHEET NO. OF SHEETS

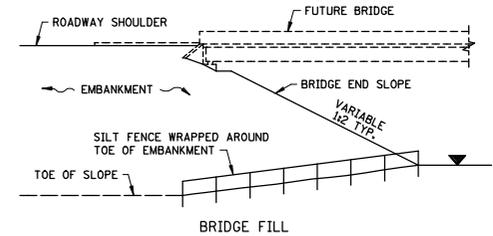


LOCATION OF SILT FENCE AT TOE OF ROADWAY EMBANKMENT



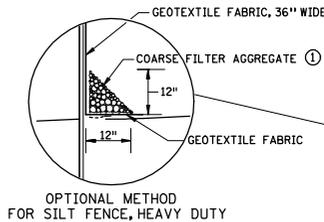
**SILT FENCE, MACHINE SLICED**

DESIGN GUIDELINES:  
TO PROTECT AREAS FROM SHEET FLOW.  
MAXIMUM CONTRIBUTING AREA: 1 ACRE.

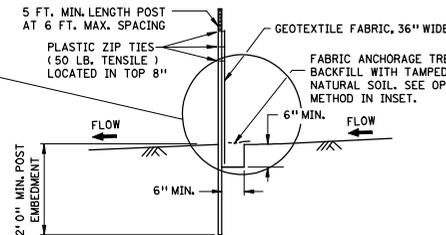


**BRIDGE FILL**

DESIGN GUIDELINES:  
WATER COURSE FLOW VELOCITY: STAGNANT  
CONTRIBUTING SLOPE AREA: 1/2 ACRE

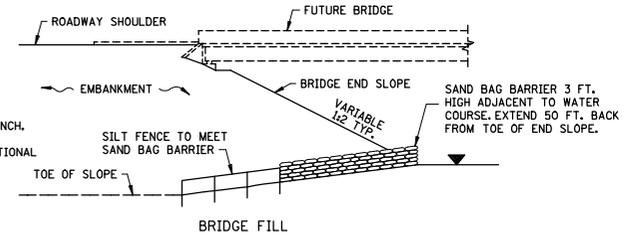


OPTIONAL METHOD FOR SILT FENCE, HEAVY DUTY



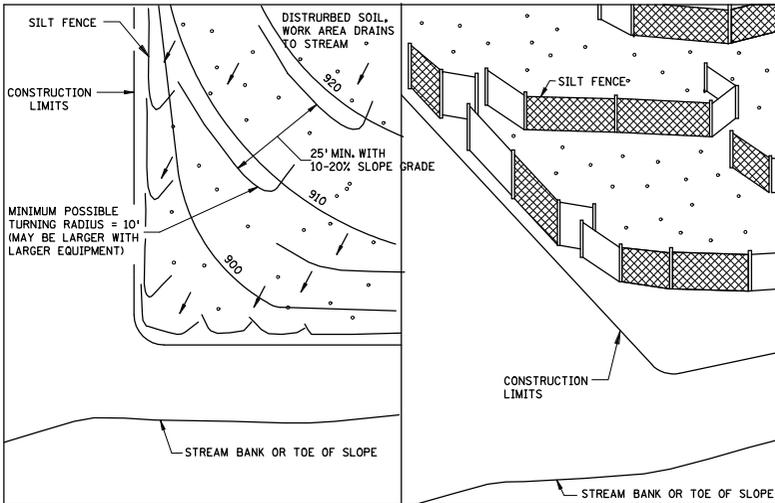
**SILT FENCE, HEAVY DUTY (HAND INSTALLED)**

DESIGN GUIDELINES:  
TO PROTECT AREAS FROM SHEET FLOW.  
MAXIMUM CONTRIBUTING AREA: 1 ACRE.



**BRIDGE FILL**

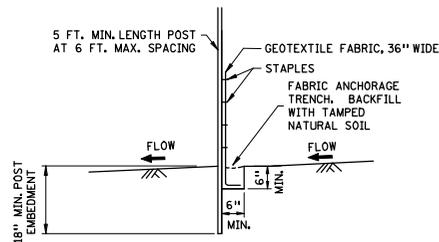
DESIGN GUIDELINES:  
WATER COURSE FLOW VELOCITY: 1 TO 7 FT./SEC.  
CONTRIBUTING SLOPE AREA: 1 ACRE



PLAN VIEW

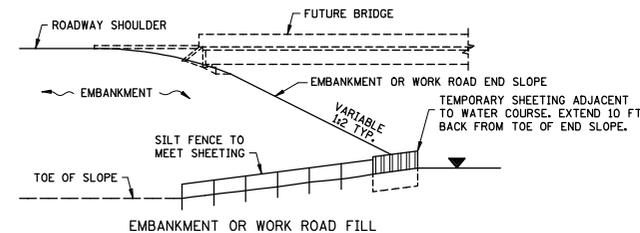
SIDE VIEW

SILT FENCE, J-HOOK INSTALLATION



**SILT FENCE, PREASSEMBLED**

DESIGN GUIDELINES:  
TO PROTECT AREAS FROM SHEET FLOW.  
MAXIMUM CONTRIBUTING AREA: 1 ACRE.



**EMBANKMENT OR WORK ROAD FILL**

DESIGN GUIDELINES:  
WATER COURSE FLOW VELOCITY: 8 TO 15 FT./SEC.  
CONTRIBUTING SLOPE AREA: 3 ACRES

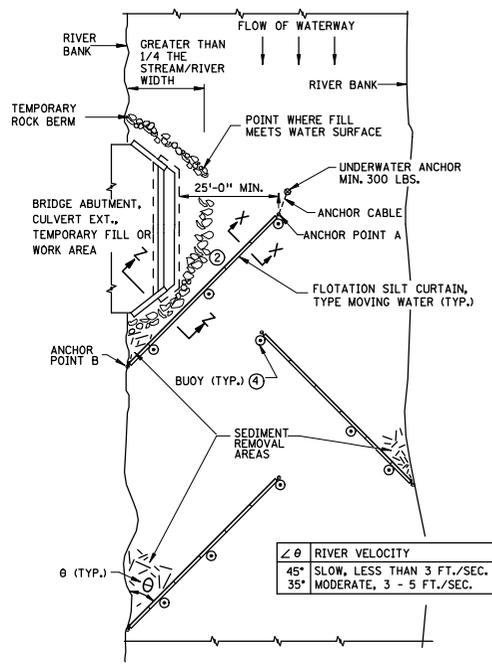
SILT FENCE AT BRIDGE EMBANKMENT ADJACENT TO WATER

**NOTES:**

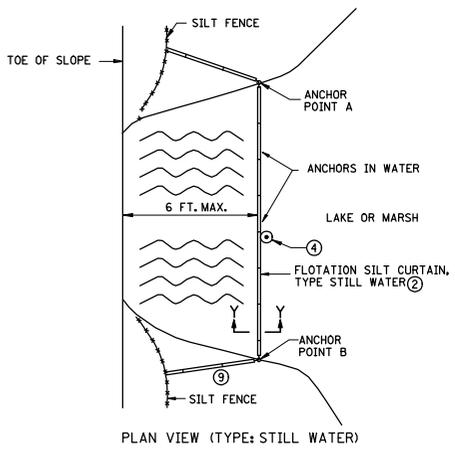
SEE SPECS. 2573, 3149 & 3886.

① COARSE FILTER AGGREGATE (SPEC. 3149) SHALL BE INCIDENTAL.

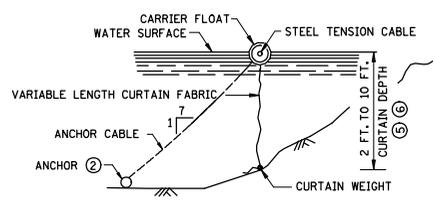
STANDARD SHEET NO. 5-297,408 (1 OF 2)	TITLE: TEMPORARY SEDIMENT CONTROL SILT FENCE
STANDARD APPROVED: SEPTEMBER 27, 2006	
STATE PROJ. NO.	(TH ) SHEET NO. OF SHEETS



PLAN VIEW (TYPE: MOVING WATER)

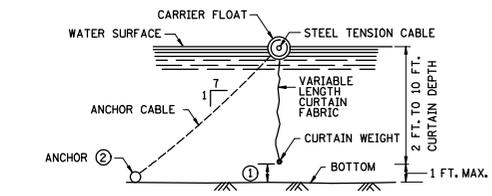


PLAN VIEW (TYPE: STILL WATER)

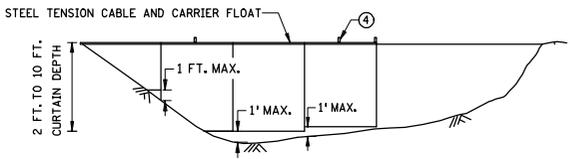


SECTION Y-Y

FLOTATION SILT CURTAIN - TYPE: WORK AREA AND STILL WATER ⑥  
FOR CONTAINING OVERFLOWS FROM WEIRS, STANDPIPES, SETTLING PONDS

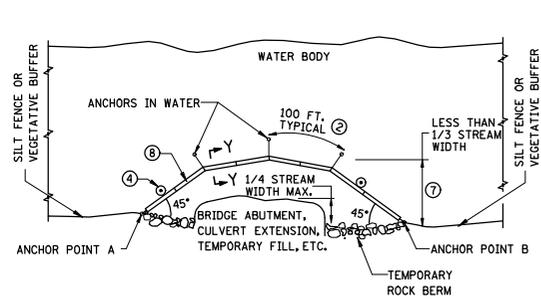


SECTION X-X

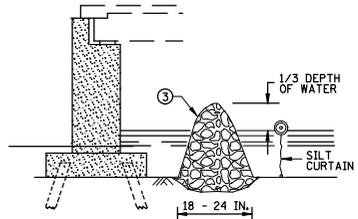


FLOTATION SILT CURTAIN - TYPE: MOVING WATER ⑤

USE FOR SMALLER RIVERS  
WITH SLOW AND MODERATE VELOCITIES



PLAN VIEW (TYPE: WORK AREA)



SECTION Z-Z TEMPORARY ROCK BERM  
FOR SEDIMENT CONTROL

DESIGN GUIDELINES:  
MOVING WATER  
WHEN TEMPORARY FILL ENCLOSES MORE THAN 1/4 BUT LESS THAN 1/3 WIDTH OF THE STREAM, MINIMUM WATER DEPTH 3 FT., MAXIMUM WATER DEPTH 11 FT., MAXIMUM WATER VELOCITY: 5 FT./SEC. ① ⑥

DESIGN GUIDELINES:  
WORK AREA  
WHEN TEMPORARY FILL ENCLOSES LESS THAN 1/4 OF THE WIDTH OF STREAM, MAXIMUM WATER DEPTH: 10 FT., MAXIMUM WATER VELOCITY: 5 FT./SEC.

DESIGN GUIDELINES:  
STILL WATER ⑥  
MINIMUM WATER DEPTH: 0 FT., MAXIMUM WATER DEPTH: 10 FT.

NOTES:

- SEE SPECS. 2573 & 3887.
- ① CURTAIN EXTENDS TO 1 FT. MAXIMUM FROM BOTTOM OF WATER BODY.
- ② FOR ANCHOR AND WEIGHT REQUIREMENTS, SEE SPEC. 2573.
- ③ IN AREAS WHERE THE PLAN CALLS FOR RIPRAP AT THE BRIDGE, A TEMPORARY ROCK BERM WILL BE USED TO PROVIDE ADDITIONAL PROTECTION. THE TEMPORARY ROCK CURTAIN IS INCIDENTAL FOR WHICH NO DIRECT PAYMENT WILL BE MADE.
- ④ ON U.S. COAST GUARD OR OTHER MOTORIZED WATERWAYS, BUOYS ARE REQUIRED TO MARK THE ENDS AND SPECIAL AREAS FOR VISIBILITY. PLACE BUOYS AS REQUIRED FOR NAVIGATIONAL PURPOSES.
- ⑤ WATER DEPTH CAN BE 0 TO 10 FEET, 0 TO 11 FEET FOR TYPE MOVING WATER.
- ⑥ SILT CURTAIN HEIGHT INCLUDES MAXIMUM WAVE HEIGHT FOR WATER BODY.
- ⑦ KEEP AS CLOSE TO WORK AREA AS POSSIBLE.
- ⑧ SILT CURTAIN, ROCK BERM OR SHEET PILE AS REQUIRED TO CONTROL THE INFILTRATION OF SILT.
- ⑨ IF 6 INCHES OR LESS OF WATER, USE BALE BARRIERS, SEE SHEET 2.

STANDARD SHEET NO. 5-297.405 (1 OF 4)	TITLE: TEMPORARY SEDIMENT CONTROL SILT CURTAIN
STANDARD APPROVED: SEPTEMBER 27, 2006	
STATE PROJ. NO.	(TH ) SHEET NO. OF SHEETS

## REINFORCED SOIL SLOPES

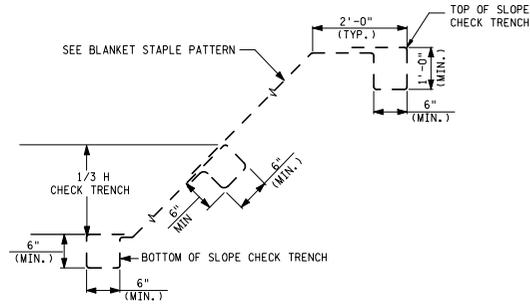
### CASE 1A - 45° MAXIMUM SLOPE ANGLE, GRANULAR BORROW REINFORCED SOIL FILL

MAX. SLOPE ANGLE (DEGREES)	REINFORCED SOIL FILL FRICTION ANGLE (DEGREES)	MINIMUM REINFORCEMENT LENGTH, L (FT)	PRIMARY SOIL REINFORCEMENT (S)		MAXIMUM SLOPE HEIGHT H (FT)	ZONE 1		ZONE 2	
			TYPE	LONG TERM STRENGTH (T <sub>01</sub> ) (PLF)		H1 (FT)	S1 <sub>MAX</sub> (IN)	H2 (FT)	S2 <sub>MAX</sub> (IN)
45	30	1.1 H	TYPE I	700	26.2	11.5	40	14.7	20
				1050	26.2	26.2	24	-	-
			TYPE II	700	26.2	21.3	40	4.9	20
				1050	26.2	17.7	48	8.5	24
			TYPE III	1400	26.2	26.2	48	-	-

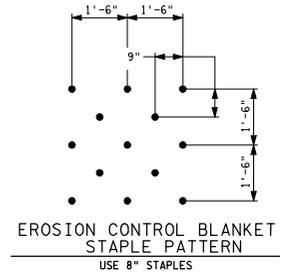
### CASE 1B - 45° MAXIMUM SLOPE ANGLE, MODIFIED SELECT GRANULAR BORROW REINFORCED SOIL FILL

MAX. SLOPE ANGLE (DEGREES)	REINFORCED SOIL FILL FRICTION ANGLE (DEGREES)	MINIMUM REINFORCEMENT LENGTH, L (FT)	PRIMARY SOIL REINFORCEMENT (S)		MAXIMUM SLOPE HEIGHT H (FT)	ZONE 1		ZONE 2	
			TYPE	LONG TERM STRENGTH (T <sub>01</sub> ) (PLF)		H1 (FT)	S1 <sub>MAX</sub> (IN)	H2 (FT)	S2 <sub>MAX</sub> (IN)
45	35	0.8 H	TYPE I	700	26.2	26.2	40	-	-
				1050	26.2	17.7	48	8.5	24
			TYPE II	700	26.2	26.2	48	-	-
				1050	26.2	26.2	48	-	-
			TYPE III	1400	26.2	26.2	48	-	-

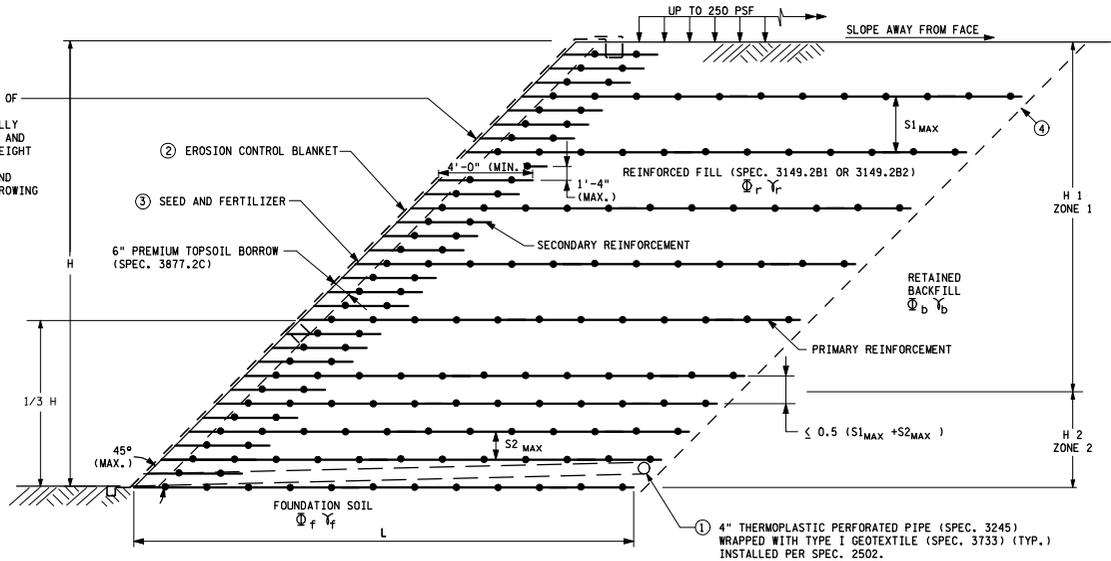
NOTES:  
SECONDARY REINFORCEMENT SHALL HAVE A MINIMUM LONG TERM STRENGTH OF 400 PLF.



EROSION CONTROL BLANKET DETAILS



MAINTENANCE IS REQUIRED AND IS INCIDENTAL TO THE CONSTRUCTION OF THE SLOPE. MAINTENANCE CONSISTS OF WATERING AND EROSION REPAIR RESTORATION SUCH THAT THE FACE OF THE SLOPE WILL BE FULLY VEGETATED. MAINTENANCE INCLUDES A MINIMUM OF 45 GROWING DAYS AND TERMINATES WHEN A VEGETAL DENSITY OF 80% AND A PLANT GROWTH HEIGHT OF 6" IS ACHIEVED. AREAS THAT SUCCEUMB TO EROSION OR SEEDING FAILURE WILL BE RESTORED WITHIN THREE CALENDAR DAYS AND WILL REQUIRE AN ADDITIONAL 20 GROWING DAYS OF MAINTENANCE. GROWING DAYS ARE DEFINED AS PER STANDARD SPECIFICATION 2575.3L1.



TYPICAL SECTION  
CASE 1A & 1B

- NOTES:
- INSPECT EXCAVATION SLOPES FOR ACTIVE SEEPAGE AND PLACE ADDITIONAL DRAINS WHERE SEEPAGE OCCURS AS DIRECTED BY THE ENGINEER.
  - STRAW-COCONUT EROSION CONTROL BLANKET (SPEC. 3885.2A, CATEGORY 4). MAINTENANCE REQUIRED. BEST TO STABILIZE SLOPE IN SECTIONS AT THE END OF EACH DAY. SEE APPROVED PRODUCTS LIST: [www.mrr.dot.state.mn.us/](http://www.mrr.dot.state.mn.us/) PICK MATERIALS ENGINEERING, PICK APPROVED PRODUCTS LIST.
  - SEED AND FERTILIZE AS SPECIFIED IN PLANS.
  - PAY LIMITS OF STRUCTURAL EXCAVATION, EQUAL TO ANGLE OF SLOPE FACE, 45° MAXIMUM ACTUAL EXCAVATION SLOPE IS DETERMINED BY OSHA REGULATIONS AND IN-SITU SOILS; EXCAVATION BEYOND "LIMITS OF STRUCTURAL EXCAVATION" AT CONTRACTOR'S EXPENSE.
  - PRIMARY SOIL REINFORCEMENT TYPES I, II, AND III ARE FOUND ON THE APPROVED PRODUCTS LIST AT [www.mrr.dot.state.mn.us/](http://www.mrr.dot.state.mn.us/) PICK GEOTECHNICAL ENGINEERING SECTION, PICK FOUNDATIONS UNIT.

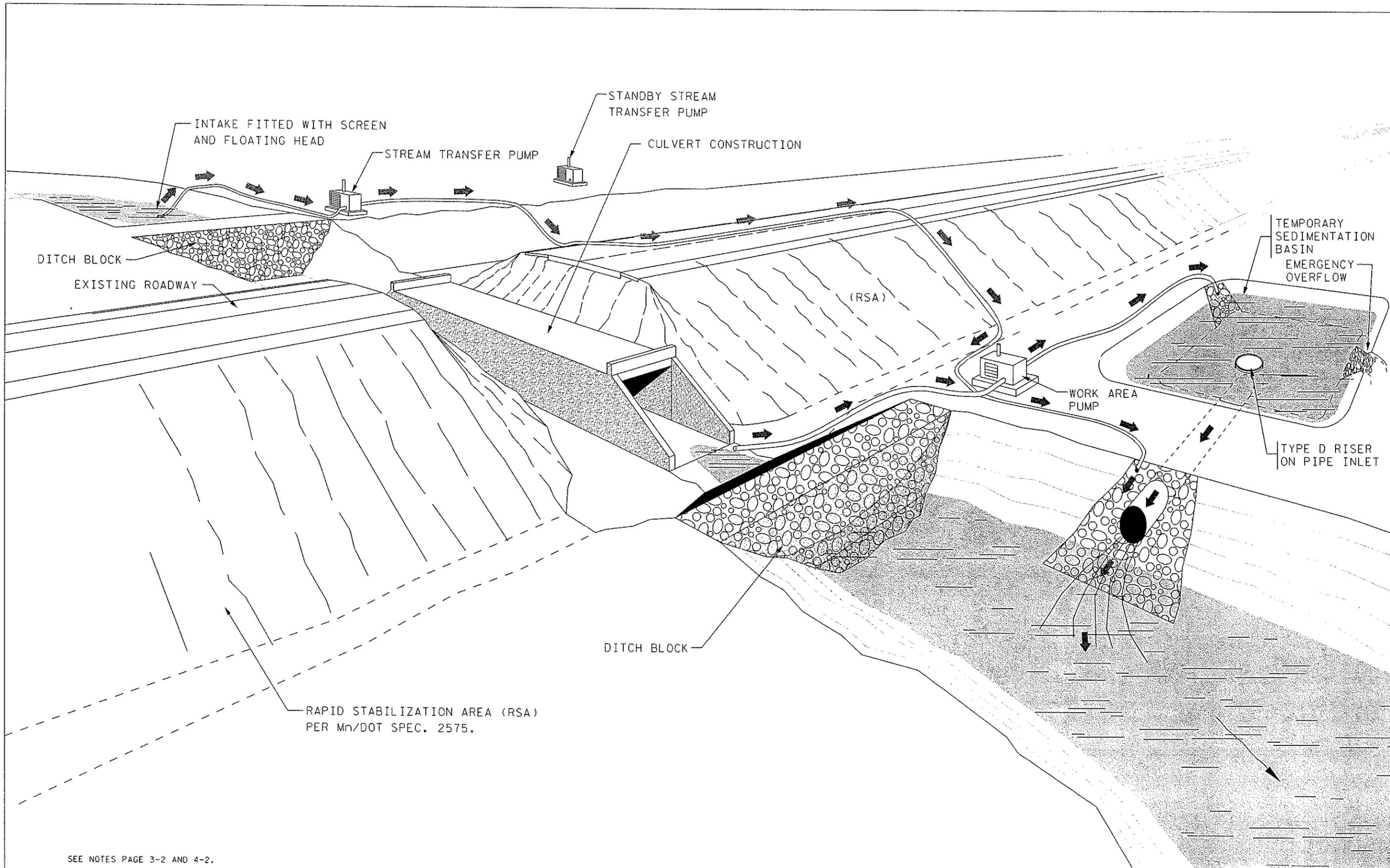
REVISED: 4-8-03  
APPROVED:  
*Keith J. Skennon*  
STATE MATERIALS ENGINEER

REVISION DATE  
4-8-03

STANDARD SHEET NO. 5-297.647	TITLE: REINFORCED SOIL SLOPE (45° MAXIMUM SLOPE)
STANDARD APPROVED: JANUARY 30, 2003	
STATE PROJ. NO.	(TH ) SHEET NO. OF SHEETS

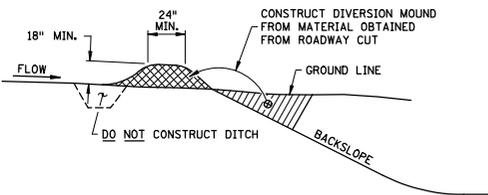
JANUARY 30, 2003

5-297.647



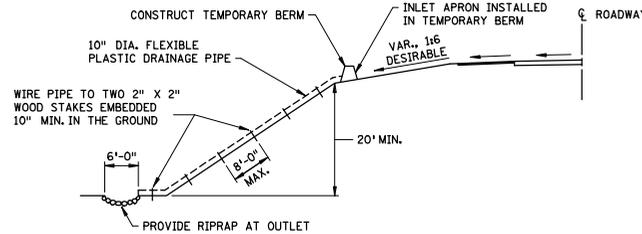
SEE NOTES PAGE 3-2 AND 4-2.

MnDNR GENERAL PERMIT 2004-0001 ATTACHMENT A - CONDITION NO. 9  
 TEMPORARY ACCESS OR CHANNEL DIVERSIONS  
 TEMPORARY STREAM BLOCK EXAMPLE



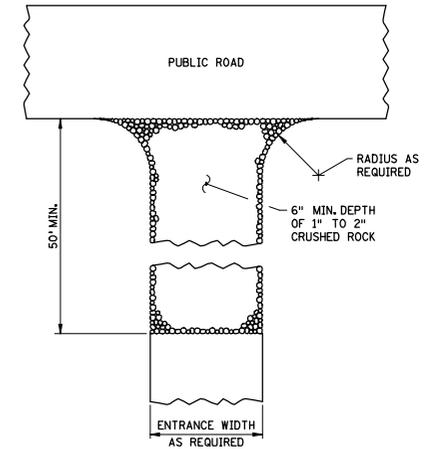
**DIVERSION MOUND**

DESIGN GUIDELINES:  
 STORM FREQUENCY: 10 YEAR - 24 HOUR  
 MAXIMUM DRAINAGE AREA: 5 ACRES  
 MAXIMUM DIVERSION: GRADE 5%

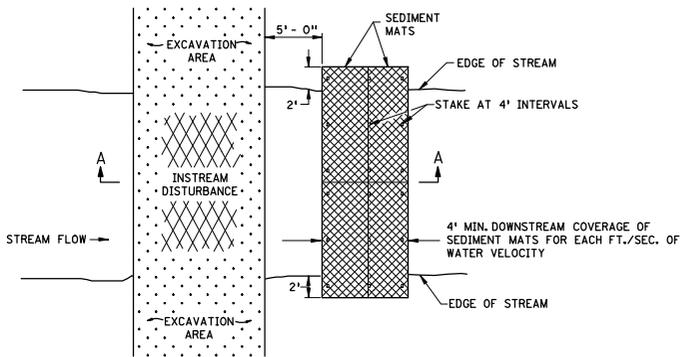


**TEMPORARY DOWN DRAIN ON FILL SLOPE**

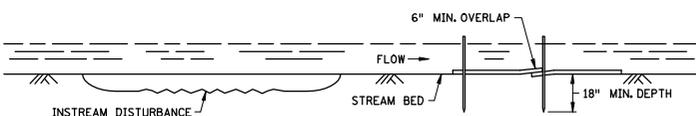
DESIGN GUIDELINES:  
 STORM FREQUENCY: 2 YEAR - 24 HOUR  
 MAXIMUM DRAINAGE AREA: 3 ACRES



**ROCK CONSTRUCTION ENTRANCE ①**



**PLAN VIEW**

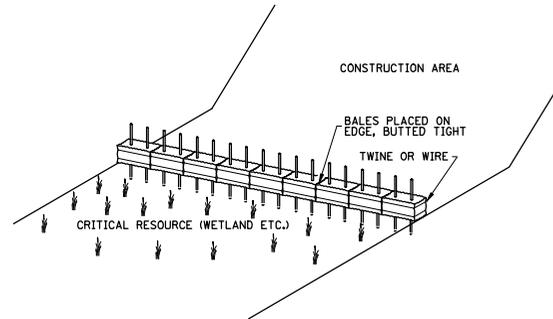


**SECTION A-A**

**SEDIMENT MAT ⑥**

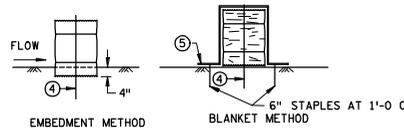
TYPICAL STREAM BED INSTALLATION

DESIGN GUIDELINES:  
 MAXIMUM FLOW VELOCITY: 5 FT./SEC.  
 MAXIMUM FLOW DEPTH: 2 FT.



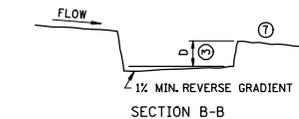
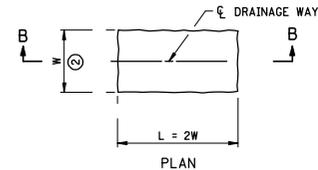
**BALE BARRIERS**

TO BE USED FOR CRITICAL PERIMETER CONTROL AREAS



**BALE BARRIER DETAIL**

APPROX. BALE SIZE: 14" X 18" X 36" LONG



**SECTION B-B**

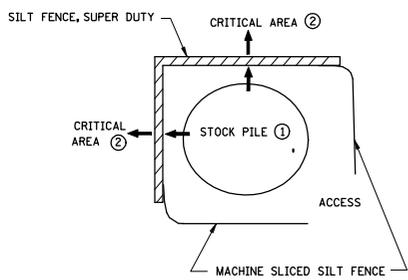
**SEDIMENT TRAP DETAIL**

**NOTES:**

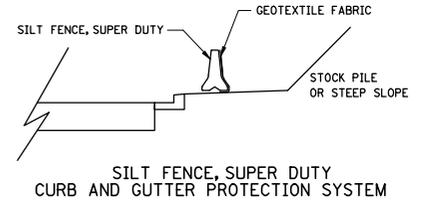
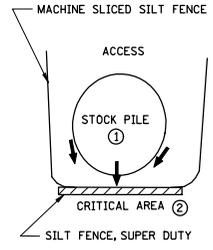
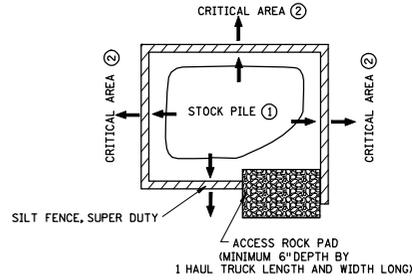
SEE SPECS. 2573, 3892, & 3894.

- ① ROCKS AT ENTRANCE CLEAN WORKSITE MUD OFF OF TRUCK TIRES BEFORE TRUCKS ENTER MAIN ROAD. KEEPING MUD OFF THE ROAD WILL PREVENT AUTO DAMAGE AND KEEP CONSTRUCTION SEDIMENT OUT OF DRAINAGE SYSTEMS AND WETLANDS. GEOTEXTILE MAY BE PLACED UNDER THE ROCK TO KEEP ROCKS SEPARATE FROM SOIL.
- ② W = 10 FT. MIN., 20 FT. MAX.
- ③ D = 2 FT.
- ④ TWO 2 IN. X 2 IN. WOOD STAKES OR REINFORCING BARS IN EACH BALE EMBEDDED 10 INCHES MINIMUM IN THE GROUND.
- ⑤ PLACE A CATEGORY 3 EROSION CONTROL BLANKET, 6 FT. WIDE MINIMUM, OVER THE BALE INSTEAD OF TRENCHING.
- ⑥ THIS DETAIL MAY NOT BE ACCEPTABLE FOR WORK ON PUBLIC WATERS, SEE GENERAL PUBLIC WATERS PERMIT (GP) 2004-0001.
- ⑦ LOCATION OF DOWNSTREAM TEMPORARY SEDIMENT CONTROL DEVICE.

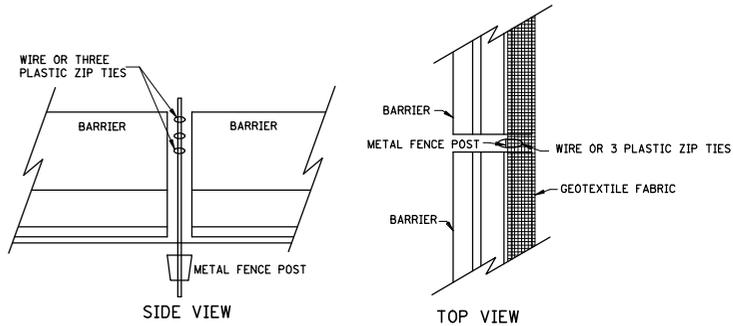
STANDARD SHEET NO. 5-297.405 (2 of 4)	TITLE:
STANDARD APPROVED: SEPTEMBER 27, 2006	TEMPORARY SEDIMENT CONTROL MISCELLANEOUS DETAILS
STATE PROJ. NO.	(TH ) SHEET NO. OF SHEETS



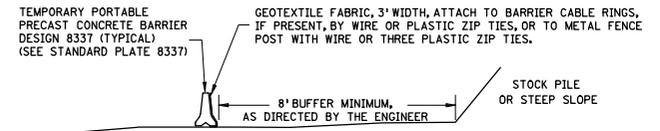
SILT FENCE, SUPER DUTY  
STOCK PILE CONTAINMENT



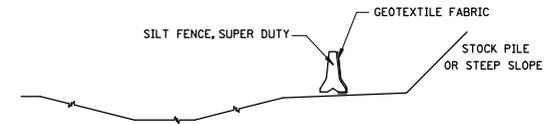
SILT FENCE, SUPER DUTY  
CURB AND GUTTER PROTECTION SYSTEM



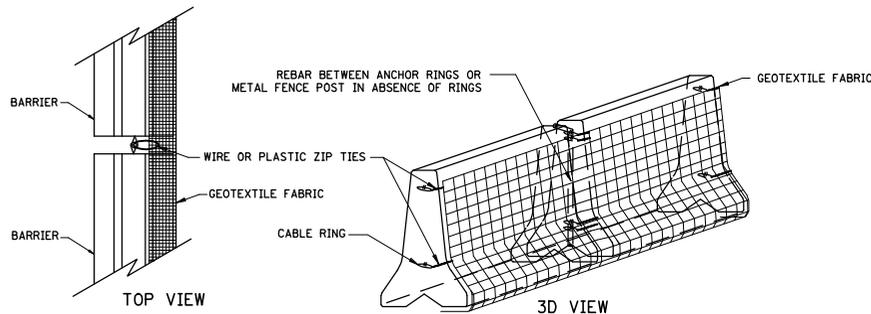
BARRIER WITHOUT CABLE RINGS



SILT FENCE, SUPER DUTY  
STOCKPILE SEDIMENT CONTROL



SILT FENCE, SUPER DUTY  
DITCH PROTECTION SYSTEM



BARRIER WITH CABLE RINGS  
SILT FENCE, SUPER DUTY

NOTES:

- SEE SPECS. 2533, 2573 & 3886.
- PLACE SUPER DUTY SILT FENCE ALONG A CONSTANT ELEVATION. SUPER DUTY SILT FENCE CAN UTILIZE EITHER A CONCRETE, OR WATER FILLED, TEMPORARY MEDIAN BARRIER.
- ① PLACING STOCK PILES NEXT TO AN ENVIRONMENTALLY SENSITIVE AREA IS NOT RECOMMENDED. WHEN THERE ARE NO FEASIBLE ALTERNATIVES, THE SUPER DUTY SILT FENCE IS TO BE USED AS SHOWN OR AS DIRECTED BY THE ENGINEER.
- ② CRITICAL AREAS INCLUDE WETLANDS, JUDICIAL DITCHES, STREAMS, WATER BODIES, AND OTHER AREAS REQUIRING PROTECTION.

STANDARD SHEET NO. 5-297,408 (2 of 2)	TITLE: TEMPORARY SEDIMENT CONTROL SUPER DUTY SILT FENCE
STANDARD APPROVED: SEPTEMBER 27, 2006	
STATE PROJ. NO.	(TH ) SHEET NO. OF SHEETS

TO MEET DNR EROSION AND SEDIMENT CONTROL REQUIREMENTS, NPDES CONSTRUCTION SITE REQUIREMENTS SHALL BE FOLLOWED REGARDLESS IF A NPDES CONSTRUCTION SITE PERMIT IS REQUIRED OR NOT.

**NPDES CONSTRUCTION SITE PERMIT REQUIREMENT**

FOR EROSION AND SEDIMENT CONTROL AT PUBLIC WATERCOURSE CROSSINGS Mn/DOT ADHERES TO THE NPDES CONSTRUCTION SITE PROGRAM, INCLUDING BUT NOT LIMITED TO Mn/DOT STANDARD SPECIFICATIONS FOR CONSTRUCTION. THE PERMITTEE SHALL ALSO ENSURE THAT THERE IS AN ACCELERATED COMPLETION OF THOSE COMPONENTS OF A PROJECT THAT SLOPE TOWARD OR ABUT PUBLIC WATERS IN ORDER TO MINIMIZE THE AMOUNT OF TIME THAT SOILS IN THESE AREAS ARE EXPOSED. ACCELERATED MEANS FASTER THAN THE TIME TABLE BELOW.

ALL EXPOSED AREAS WITH A CONTINUOUS POSITIVE SLOPE WITHIN 200 LINEAR FEET OF A SURFACE WATER, MUST HAVE TEMPORARY EROSION PROTECTION OR PERMANENT COVER FOR THE EXPOSED SOIL AREAS YEAR ROUND, ACCORDING TO THE FOLLOWING TABLE:

AREAS TO PROTECT	MAXIMUM EXPOSURE TIME <sup>①</sup>		① MEASURED FROM THE TIME THE AREA IS ORIGINALLY DISTURBED.
	SURFACE WATER	SPECIAL WATER*	
DITCHES/SWALES/APRONS	1 DAY (24 HRS.)	1 DAY (24 HRS.)	
SLOPES STEEPER THAN 1:3	7 DAYS	3 DAYS	
SLOPES 1:10 TO 1:3	14 DAYS	7 DAYS	
SLOPES LESS THAN 1:10	21 DAYS	7 DAYS	

\* SPECIAL WATERS (APPENDIX A NPDES GENERAL PERMIT MN R100001)

- WILDERNESS AREAS (BWCA, VOYAGEURS NATIONAL PARK, PORTIONS OF KETTLE RIVER AND RUM RIVER)
- MISSISSIPPI RIVER (LAKE ITASCA TO SOUTHERN BORDER OF MORRISON COUNTY)
- SCENIC OR RECREATIONAL RIVER SEGMENTS
- SCIENTIFIC NATURAL AREAS (SNA'S)
- LAKE SUPERIOR
- LAKE TROUT LAKES
- TROUT LAKES
- TROUT STREAMS

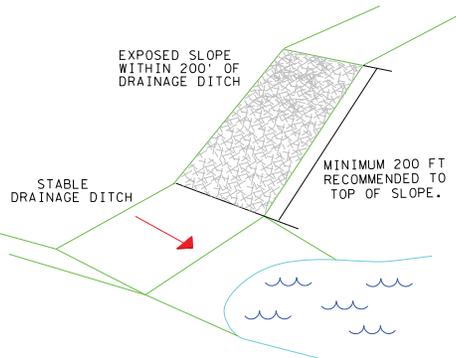
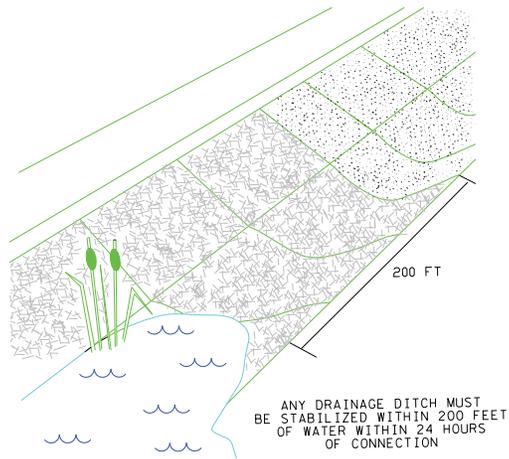
WEB PAGE SHOWING SPECIAL WATERS WITHIN AN AREA, GO TO <http://pca-gis04.pca.state.mn.us/website/stormwater/csw/viewer.htm> THEN CLICK ON "SPECIAL WATERS"

**A LIST OF MATERIALS AND OPTIONS TO PROVIDE SLOPE STABILIZATION:**

- RAPID STABILIZATION METHOD (1-5) Mn/DOT SPEC. 2575
- SILT FENCE (SEE SILT FENCE PAGES 4-7 AND 4-8)
- EROSION CONTROL BLANKET (SEE EROSION CONTROL BLANKET PAGE 4-6)
- TEMPORARY AND PERMANENT SEEDING (SPEC: 2573 AND 3876)
- MULCH (SPEC: 3882)
- COMPOST AND COMPOST SOCKS (SPEC: 3890)
- HYDRO SEED OR HYDRO MULCH (SPEC: 2573, 3876, AND 3882)
- TRACKING
- FIBER LOG (SPEC: 3895 AND USED SIMILARLY AS COMPOST SOCK)

**GENERAL INSPECTION AND MAINTENANCE**

1. INSPECT CONSTRUCTION SITE ONCE EVERY SEVEN (7) DAYS DURING CONSTRUCTION AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS.
2. INSPECTIONS AND MAINTENANCE CONDUCTED DURING CONSTRUCTION MUST BE RECORDED IN WRITING AND THESE RECORDINGS MUST BE RETAINED WITH THE SWPPP.
3. INSPECTIONS CAN BE REDUCED TO ONCE PER MONTH IN AREAS THAT HAVE FINAL STABILIZATION UNTIL CONSTRUCTION IS COMPLETE. WHERE WORK HAS BEEN SUSPENDED DUE TO FROZEN GROUND, INSPECTIONS AND MAINTENANCE MUST COMMENCE AS SOON AS RUNOFF OCCURS OR CONSTRUCTION RESUMES.
4. ALL EROSION PREVENTION AND SEDIMENT CONTROL BMP'S MUST BE INSPECTED TO ENSURE INTEGRITY AND REPAIRED, REPLACED, OR SUPPLEMENTED IF BECOMING NON FUNCTIONAL. PERMITTEE IS RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF TEMPORARY AND PERMANENT WATER QUALITY BMP'S, AS WELL AS ALL EROSION PREVENTION AND SEDIMENT CONTROL BMP'S FOR THE DURATION OF THE CONSTRUCTION WORK AT THE SITE.
5. IF ORIGINAL BMP IS NOT ADEQUATE TO PROTECT WATER QUALITY, A MORE PROTECTIVE BMP IS REQUIRED.



\$DATE\$ \$TIME\$ \$FILE\$