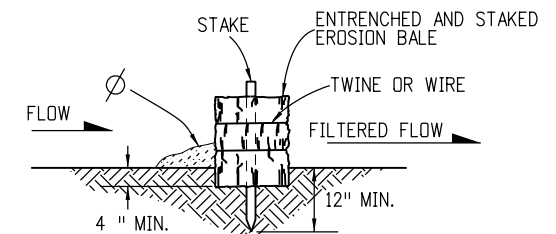
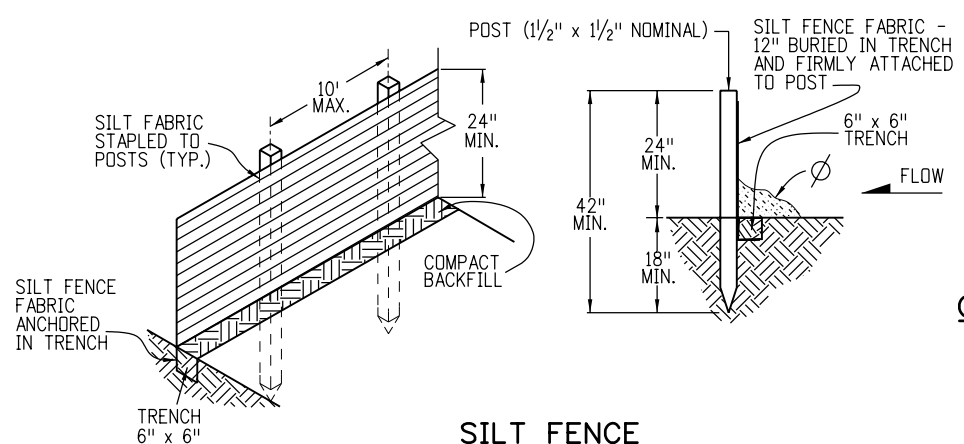


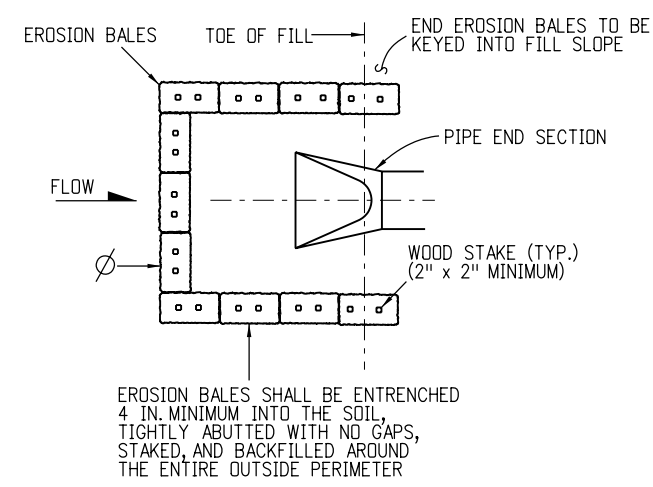
STEP 3. EROSION BALES SHALL BE ENTRENCHED 4 IN. MINIMUM INTO THE SOIL, TIGHTLY ABUTTED WITH NO GAPS, STAKED, AND BACKFILLED AROUND THE ENTIRE OUTSIDE PERIMETER



TYPICAL EROSION BALE TRENCHING AND STAKING

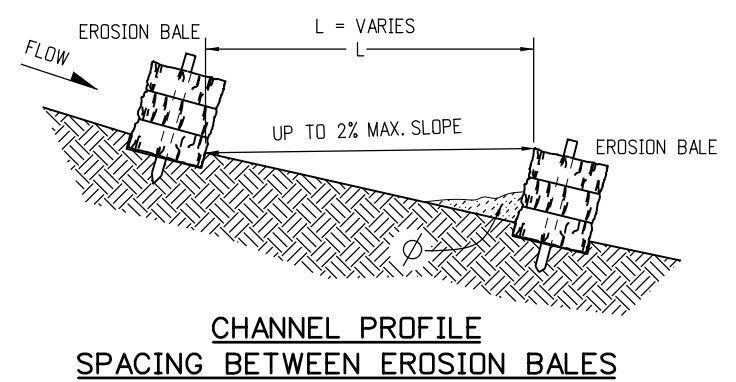
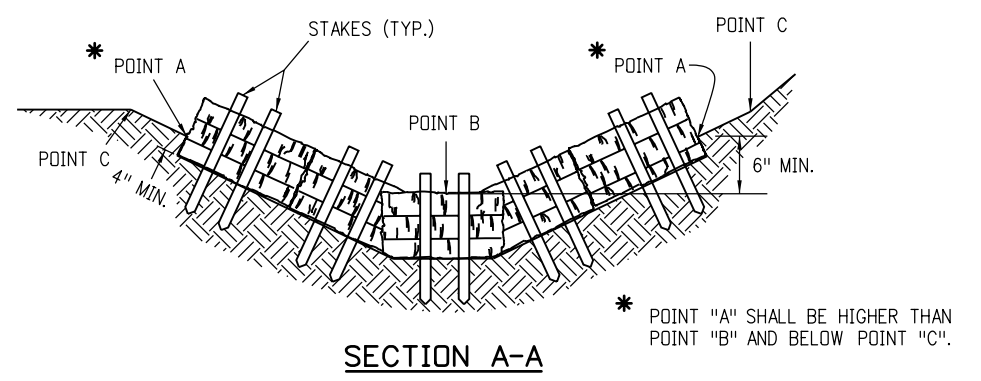
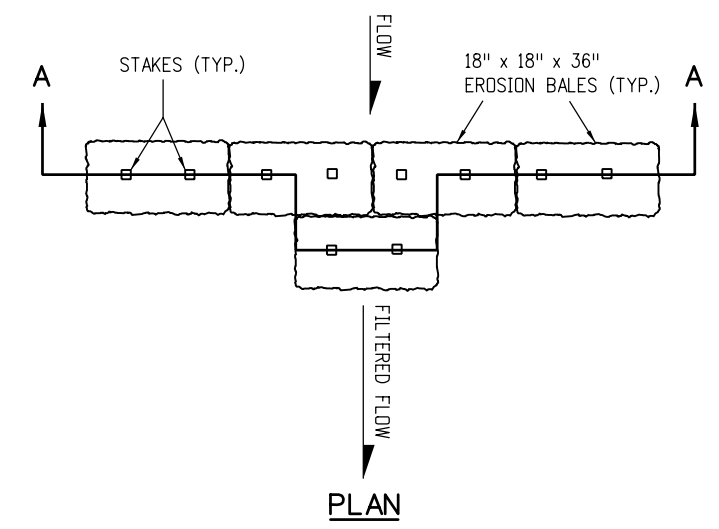


SILT FENCE



PLAN VIEW  
CULVERT EROSION BALE INLET PROTECTION

Ø REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES ONE HALF OF EXPOSED SILT FENCE OR BALE HEIGHT. INSPECTION SHALL BE PERFORMED CONTINUOUSLY FOR PROPER FUNCTION.



NOTE: EROSION BALES SHALL BE ENTRENCHED 4 IN. MINIMUM INTO THE SOIL, TIGHTLY ABUTTED WITH NO GAPS, STAKED, AND BACKFILLED AROUND THE ENTIRE OUTSIDE PERIMETER.

Computer File Information	
Creation Date: 07/04/06	Initials: DD
Last Modification Date: 07/09/09	Initials: LTA
Full Path: www.dot.state.co.us/DesignSupport/	
Drawing File Name: 208010107.dgn	
CAD Ver.: MicroStation V8	Scale: Not to Scale Units: English

Sheet Revisions	
Date:	Comments
07/09/09	Revised sheets 4 and 5.
(R-X)	
(R-X)	
(R-X)	
(R-X)	

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**TEMPORARY  
EROSION CONTROL**

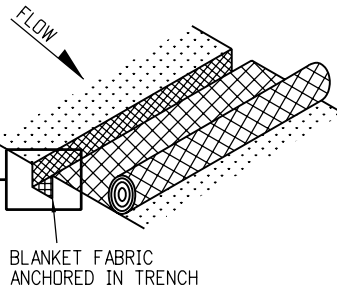
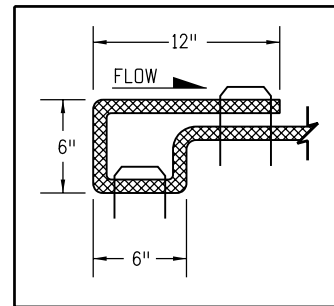
Issued By: Project Development Branch on July 04, 2006

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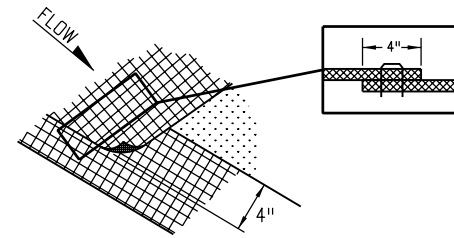
M-208-1

Sheet No. 1 of 7

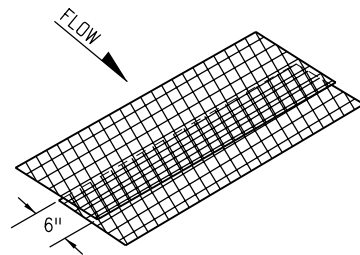
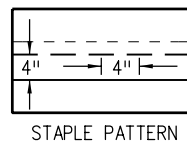
STEP 1. PLACE UPSLOPE END OF BLANKET IN A TRENCH 6 IN. DEEP BY 6 IN. WIDE.



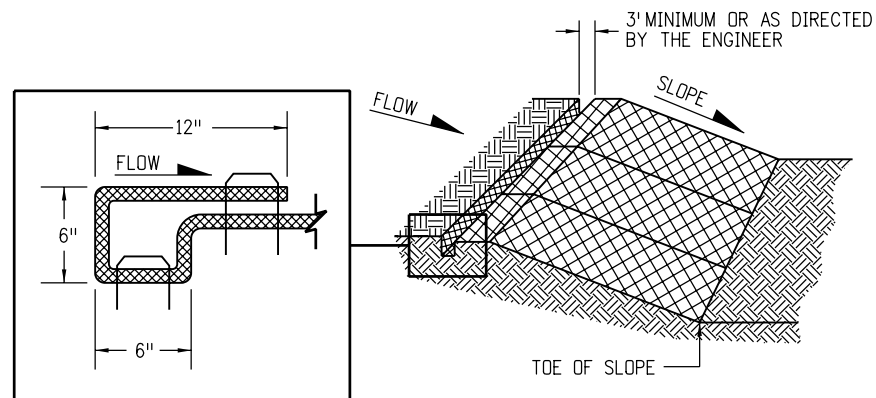
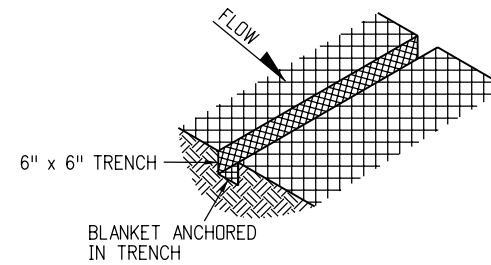
STEP 2. USE A 4 IN. OVERLAP WHENEVER TWO WIDTHS OF BLANKET ARE INSTALLED SIDE BY SIDE. STAPLE PATTERN: MINIMUM 3 PER SQUARE YARD.



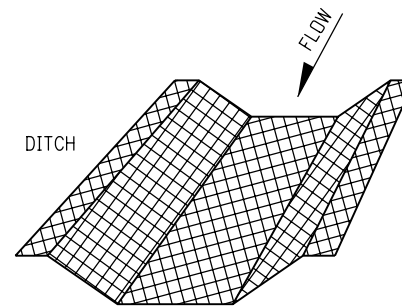
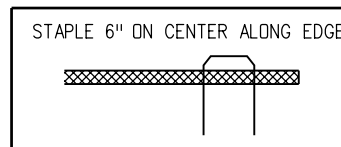
STEP 3. USE A 6 IN. OVERLAP WHEREVER ONE ROLL OF BLANKET ENDS AND ANOTHER BEGINS.



STEP 4. CHECK SLOTS SHOULD BE MADE EVERY 35 FT. AND AT TERMINAL ENDS. INSERT A FOLD OF THE BLANKET INTO A TRENCH 6 IN. WIDE BY 6 IN. DEEP AND COMPACT IN CONFORMANCE WITH MANUFACTURER'S RECOMMENDATION. LAY THE BLANKET SMOOTHLY ON THE SURFACE OF THE SOIL, DO NOT STRETCH THE BLANKET, AND DO NOT ALLOW WRINKLES. INSTALL STAPLES 12 IN. ON CENTER IN TRENCH.



PLACE BLANKET PARALLEL WITH THE DIRECTION OF FLOW AND ANCHOR SECURELY. BRING BLANKET TO THE TOE OF SLOPE OR AS DIRECTED BY THE ENGINEER BEFORE TERMINATING THE INSTALLATION.

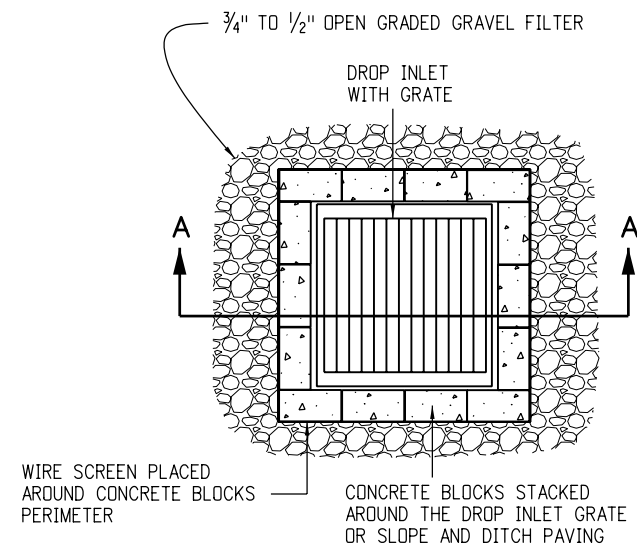


PLACE BLANKET WITH THE DIRECTION OF FLOW. DO NOT JOIN STRIPS IN THE CENTER OF THE DITCH. PLACE CHECK SLOTS AS REQUIRED.

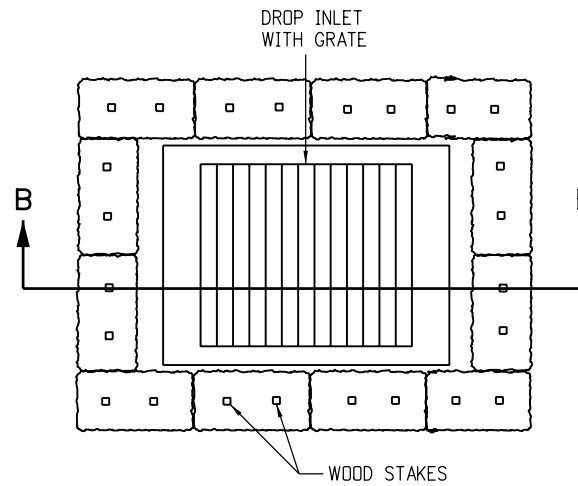
### SOIL RETENTION BLANKETS

IN ACCORDANCE WITH SECTION 216.

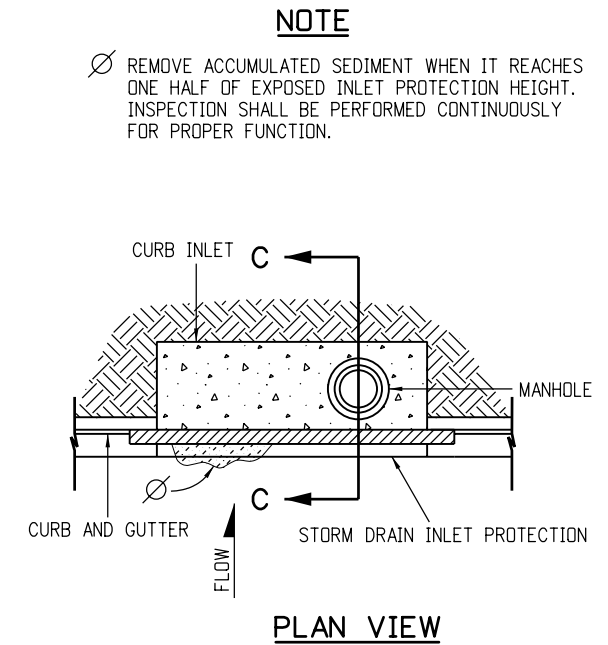
<b>Computer File Information</b>		<b>Sheet Revisions</b>		<b>Colorado Department of Transportation</b>  4201 East Arkansas Avenue Denver, Colorado 80222 Phone: (303) 757-9083 Fax: (303) 757-9820 <b>Project Development Branch</b> <b>DD/LTA</b>	<b>TEMPORARY EROSION CONTROL</b>	STANDARD PLAN NO.
Creation Date: 07/04/06	Initials: DD	Date:	Comments:			M-208-1
Last Modification Date: 07/09/09	Initials: LTA					
Full Path: www.dot.state.co.us/DesignSupport/	(R-X)					Sheet No. 2 of 7
Drawing File Name: 208010207.dgn	(R-X)					
CAD Ver.: MicroStation V8	Scale: Not to Scale	Units: English	(R-X)		Issued By: Project Development Branch on July 04, 2006	



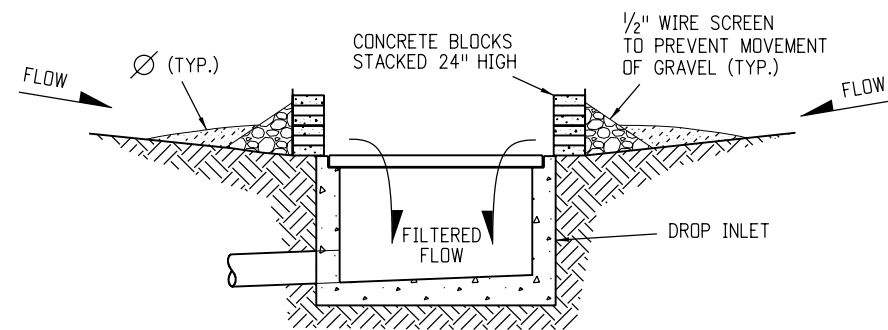
**PLAN VIEW**



**PLAN VIEW**

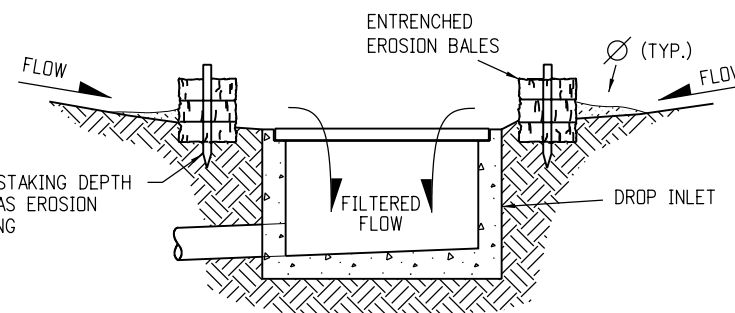


**PLAN VIEW**



**SECTION A-A**

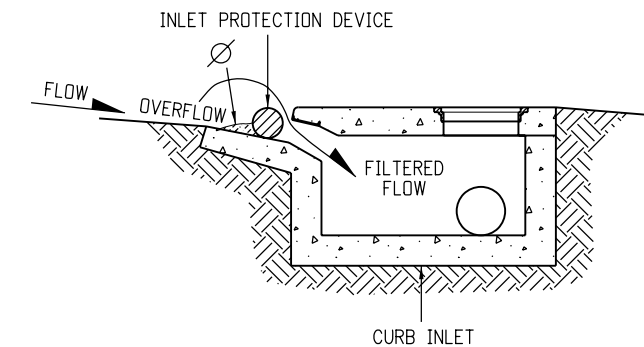
**STORM DRAIN INLET PROTECTION (TYPE C OR D)**



**SECTION B-B**

**INLET EROSION BALE FILTER (TYPE C OR D)**

NOTE: EROSION BALES ARE TO BE ENTRENCHED 4 IN. INTO THE SOIL, TIGHTLY ABUTTING WITH NO GAPS, STAKED AND BACKFILLED AROUND THE ENTIRE OUTSIDE PERIMETER OF GRATE OR SLOPE AND DITCH PAVING.



**SECTION C-C**

**STORM DRAIN INLET PROTECTION (TYPE R)**

NOTES:

1. INLET PROTECTION SHALL EXTEND 12 IN. PAST EACH END OF THE INLET AND BE 4 IN. TO 6 IN. IN DIAMETER.
2. INLET PROTECTION MAY CONSIST OF CONTINUOUS FILTER TUBING FILLED WITH GRAVEL OR PREMANUFACTURED DEVICE.

**Computer File Information**

Creation Date: 07/04/06	Initials: DD
Last Modification Date: 07/09/09	Initials: LTA
Full Path: www.dot.state.co.us/DesignSupport/	
Drawing File Name: 208010307.dgn	
CAD Ver.: MicroStation V8	Scale: Not to Scale Units: English

**Sheet Revisions**

Date:	Comments
(R-X)	
(R-X)	
(R-X)	
(R-X)	

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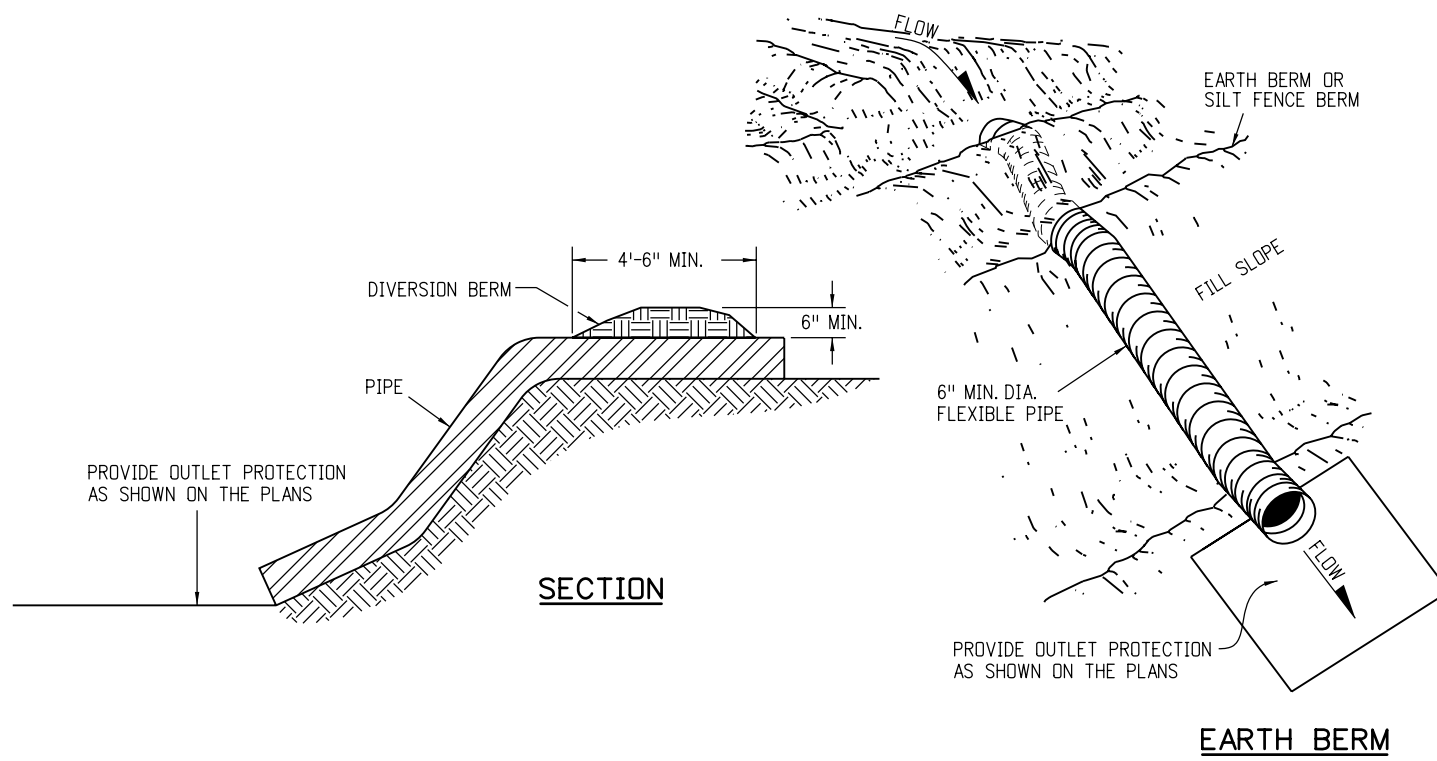
**TEMPORARY  
EROSION CONTROL**

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STANDARD PLAN NO.

M-208-1

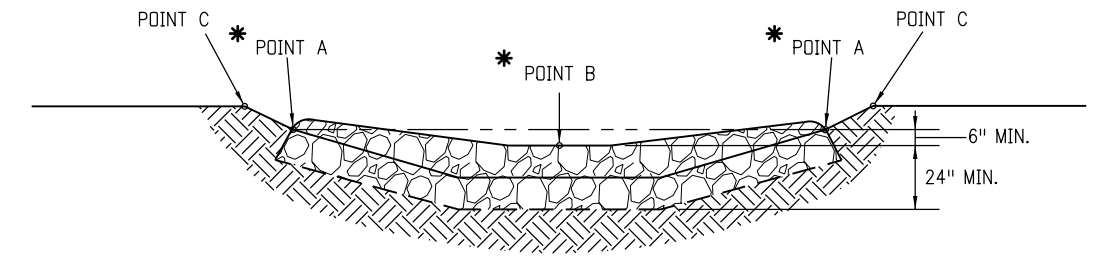
Sheet No. 3 of 7



**SECTION**

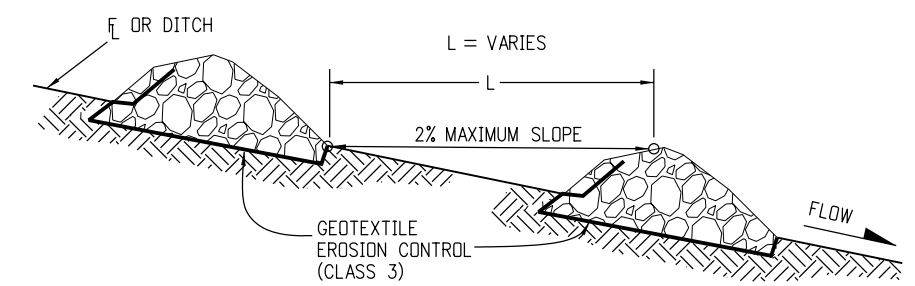
**EARTH BERM**

**TEMPORARY SLOPE DRAIN**

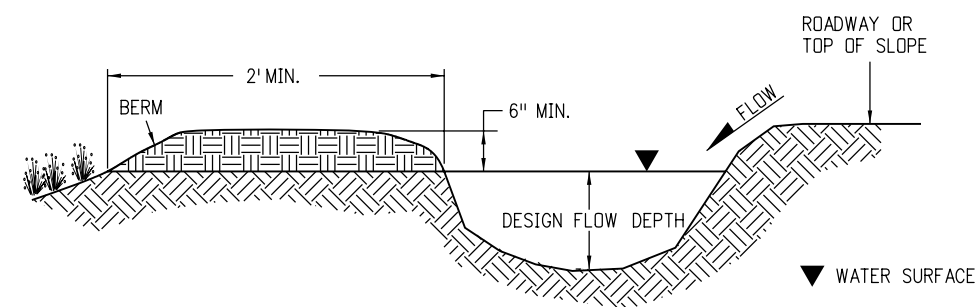


**TYPICAL SECTION VIEW**

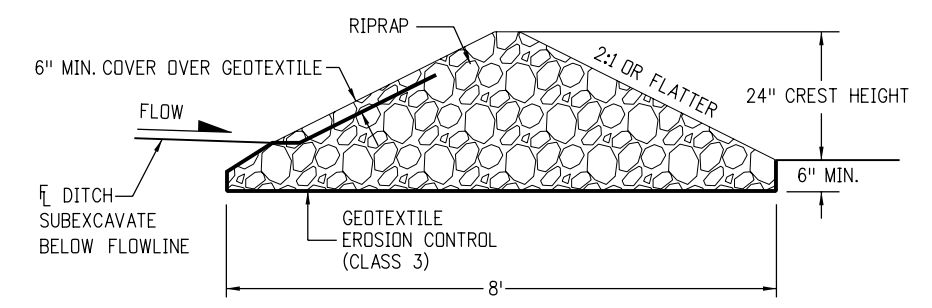
\* POINTS A SHALL BE HIGHER THAN POINT B AND BELOW POINT C



**SECTION VIEW ALONG DITCH FLOWLINE**



**DIVERSION DAM**



**SECTION DETAIL**

**CHECK DAM FOR EROSION CONTROL**

- NOTES:
1. RIPRAP SIZE DS50 = 6 IN. OR AS SHOWN ON THE PLANS.
  2. THE ENDS OF RIPRAP CHECK DAM SHALL BE A MINIMUM OF 6 IN. HIGHER THAN CENTER OF CHECK DAM.
  3. SEDIMENT SHALL BE REMOVED WHEN THE DEPTH UPSTREAM FROM CHECK DAM IS 1/2 THE CREST HEIGHT.
  4. CHECK DAMS MAY BE TEMPORARY OR PERMANENT AS SHOWN ON THE PLANS.

Computer File Information	
Creation Date: 07/04/06	Initials: DD
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Full Path: www.dot.state.co.us/DesignSupport/	
Drawing File Name: 208010407.dgn	
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English	

Sheet Revisions	
Date:	Comments
(R-X) 07/09/09	Changed Class B to Class 3 for Geotextile Erosion Control.
(R-X)	
(R-X)	

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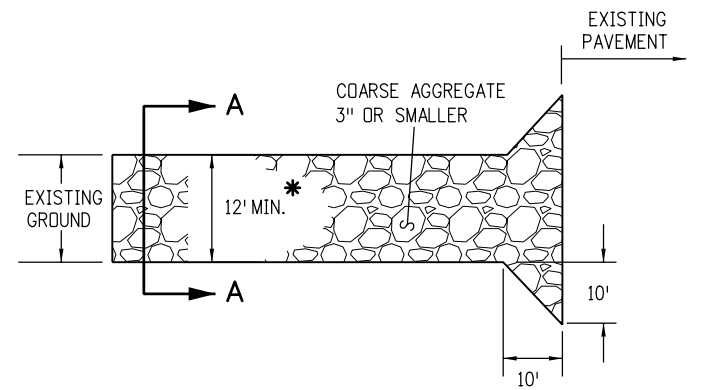
**TEMPORARY EROSION CONTROL**

Issued By: Project Development Branch on July 04, 2006

**STANDARD PLAN NO.**

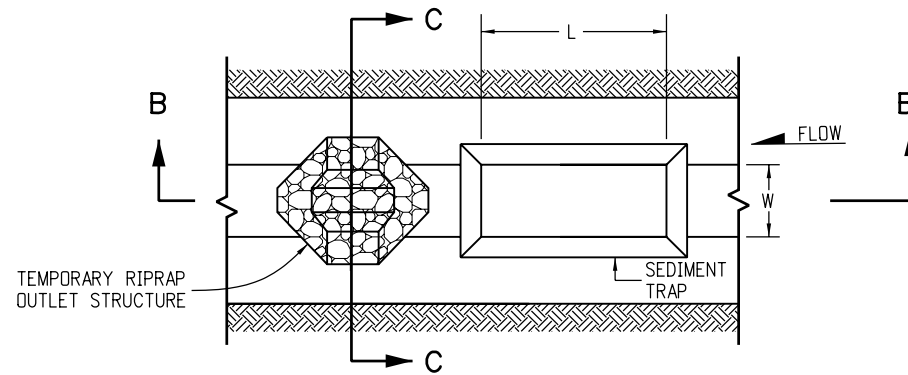
M-208-1

Sheet No. 4 of 7



**PLAN VIEW**

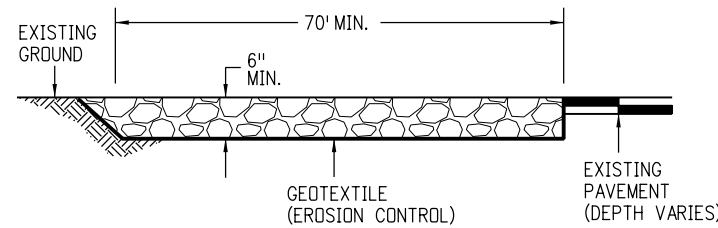
\* SHALL EXTEND FULL WIDTH OF INGRESS AND EGRESS OPERATION.



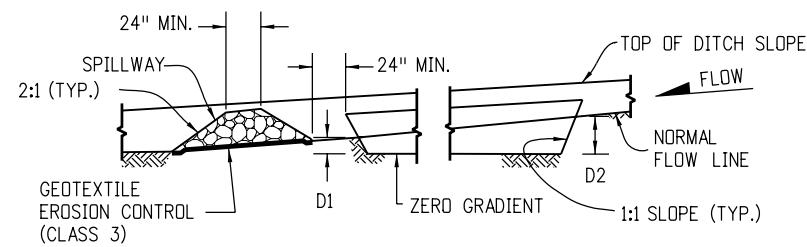
**PLAN VIEW**

NOTE: SEE PLAN SHEETS FOR THE FOLLOWING:  
RIPRAP SIZE  
DEPTH (D1 AND D2)  
LENGTH (L)  
WIDTH (W)  
DITCH TYPE, SIZE AND LOCATION

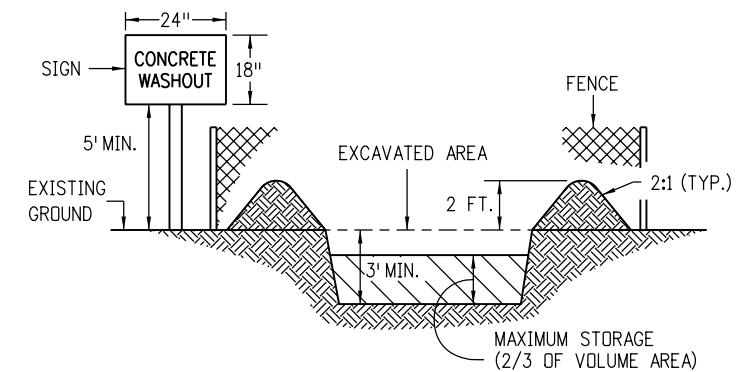
Ø REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES ONE HALF OF STRUCTURE HEIGHT. INSPECTION SHALL BE PERFORMED CONTINUOUSLY FOR PROPER FUNCTION.



**ELEVATION SECTION**



**CROSS SECTION B-B**

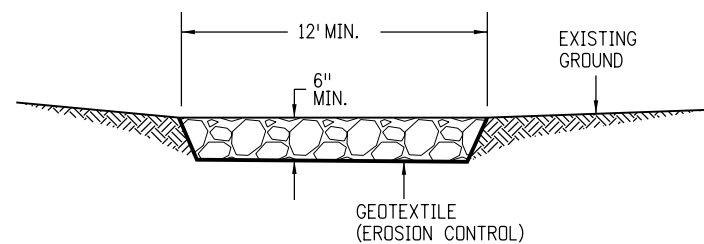


**SECTION D-D**

**CONCRETE WASHOUT STRUCTURE**

NOTES:

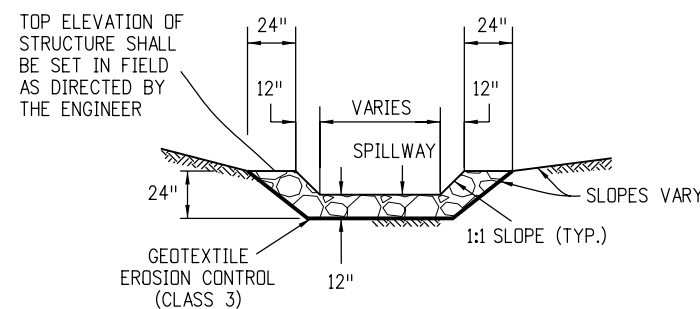
1. SIGN MATERIAL, EXCAVATION, AND RESTORATION ARE INCLUDED IN THE COST OF THE CONCRETE WASHOUT STRUCTURE.
2. EROSION BALES MAY BE USED AS AN ALTERNATIVE FOR THE BERM.
3. A FENCE (PLASTIC) CONFORMING TO SUBSECTION 607.02 SHALL BE INSTALLED AROUND THE CONCRETE WASHOUT AREA, EXCEPT AT THE OPENING.
4. THE CONCRETE WASHOUT SIGN SHALL HAVE LETTERS AT LEAST 3 IN. HIGH AND CONFORM TO SUBSECTION 630.02.



**SECTION A-A**

**STABILIZED CONSTRUCTION ENTRANCE**

NOTE: THE CONTRACTOR SHALL PROTECT ANY CURB AND GUTTER THAT CROSSES THE ENTRANCE. PROTECTION OF THE CURB AND GUTTER WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE WORK.



**SECTION C-C**

**SEDIMENT TRAP/DEWATERING STRUCTURE**

NOTE: THE RIPRAP AND GEOTEXTILE ARE INCLUDED IN THE COST OF THE BID ITEM.

**Computer File Information**

Creation Date: 07/04/06	Initials: DD
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Full Path: www.dot.state.co.us/DesignSupport/	
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CAD Ver.: MicroStation V8	Scale: Not to Scale Units: English

**Sheet Revisions**

Date:	Comments
07/09/09	Added Note 3 and 4 to the Section D-D detail.

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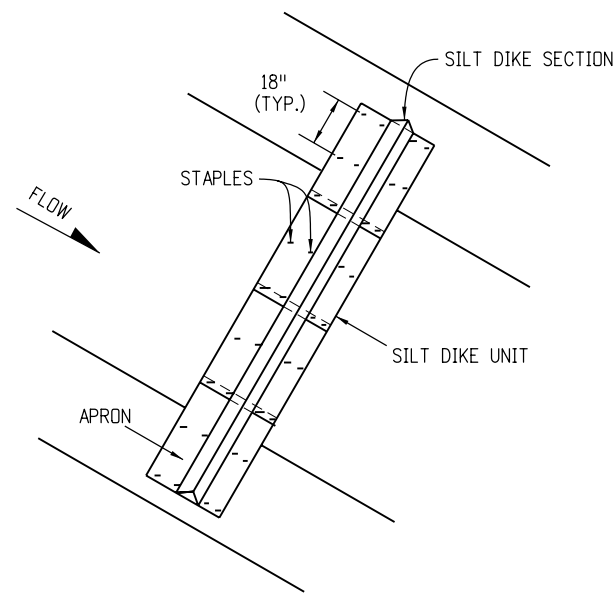
**TEMPORARY  
EROSION CONTROL**

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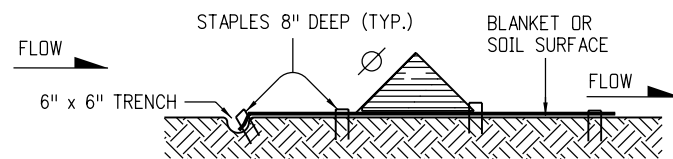
**STANDARD PLAN NO.**

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Sheet No. 5 of 7



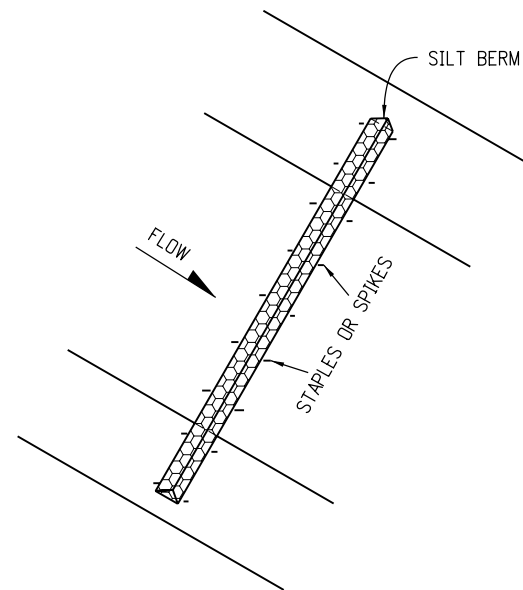
**PLAN VIEW**



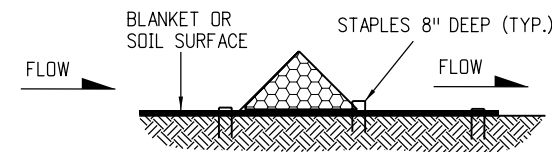
NOTE: APRON ANCHORED INTO TRENCH WITH STAPLES AND COMPACTED BACKFILL.

**TYPICAL SECTION**

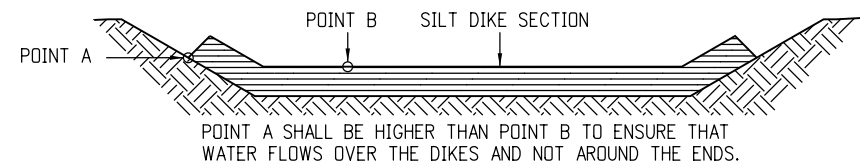
Ø REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES ONE HALF OF STRUCTURE HEIGHT. INSPECTION SHALL BE PERFORMED CONTINUOUSLY FOR PROPER FUNCTION.



**PLAN VIEW**



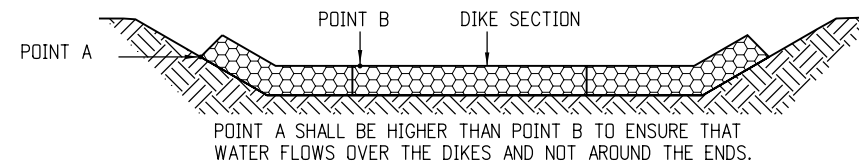
**TYPICAL SECTION VIEW**



**FRONT VIEW**

**SILT DIKE-INSTALLATION FOR DRAINAGE DITCH**

NOTE: SECTIONS OF THE SILT DIKE SHALL BE TIGHTLY ABUTTED WITH NO GAPS.



**FRONT VIEW**

**SILT BERM-VELOCITY CHECKS FOR DRAINAGE DITCH**

NOTE: SECTIONS OF THE SILT BERM SHALL BE TIGHTLY ABUTTED WITH NO GAPS.

**Computer File Information**

Creation Date: 07/04/06 Initials: DD  
Last Modification Date: 07/09/09 Initials: LTA  
Full Path: www.dot.state.co.us/DesignSupport/  
Drawing File Name: 208010607.dgn  
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English

**Sheet Revisions**

Date:	Comments
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(R-X)	
(R-X)	
(R-X)	

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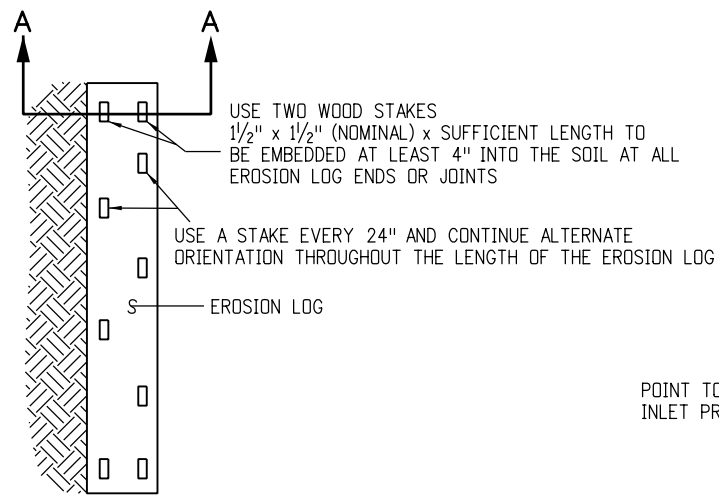
**TEMPORARY  
EROSION CONTROL**

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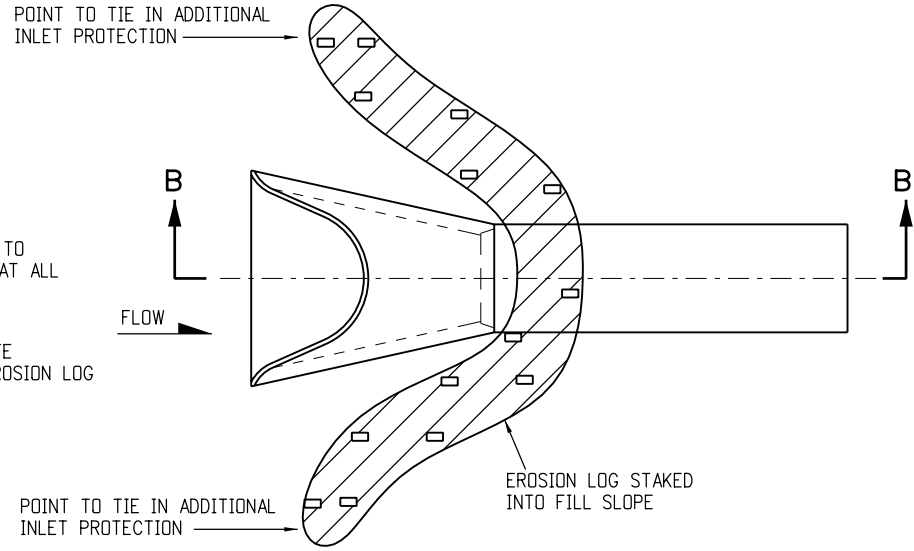
STANDARD PLAN NO.

M-208-1

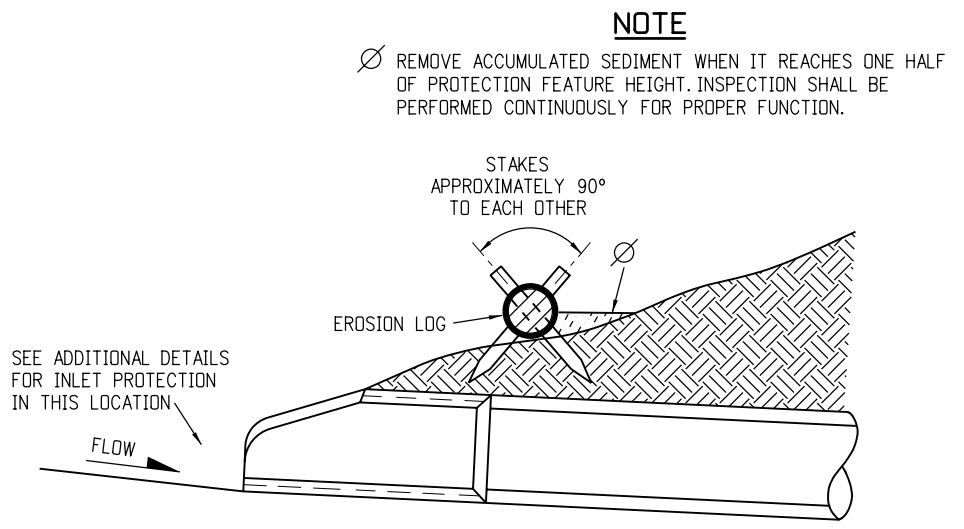
Sheet No. 6 of 7



**TYPICAL STAKE INSTALLATION**



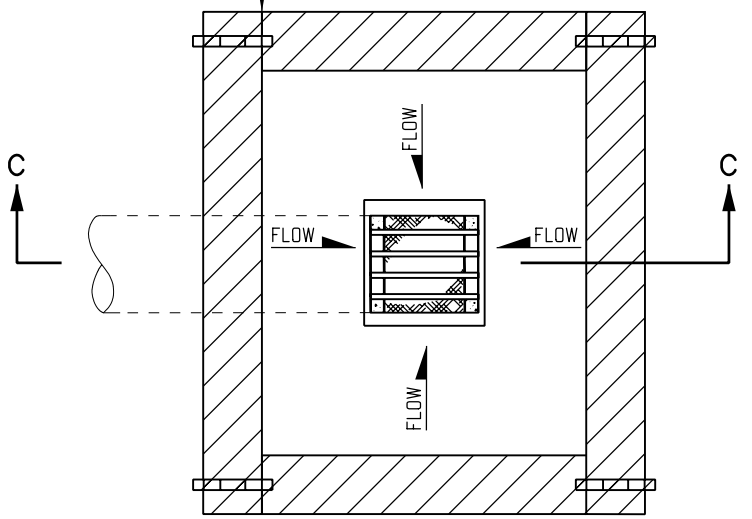
**PLAN VIEW**



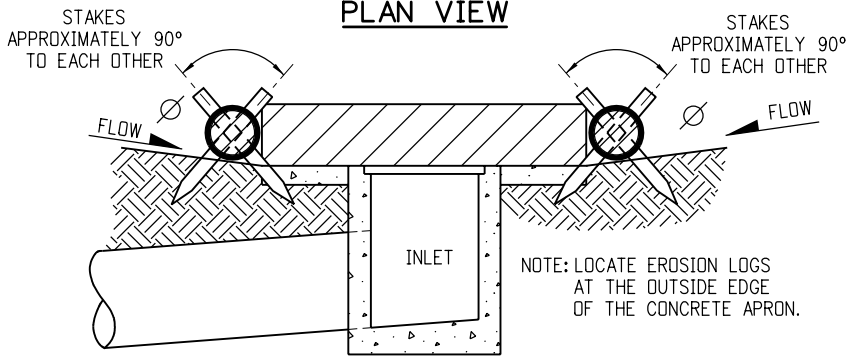
**SECTION B-B**

**CULVERT EROSION LOG INLET PROTECTION**  
(FOR SLOPES 3:1 OR STEEPER)

EROSION LOGS SHALL BE TIGHTLY ABUTTED WITH NO GAPS (TYP.)

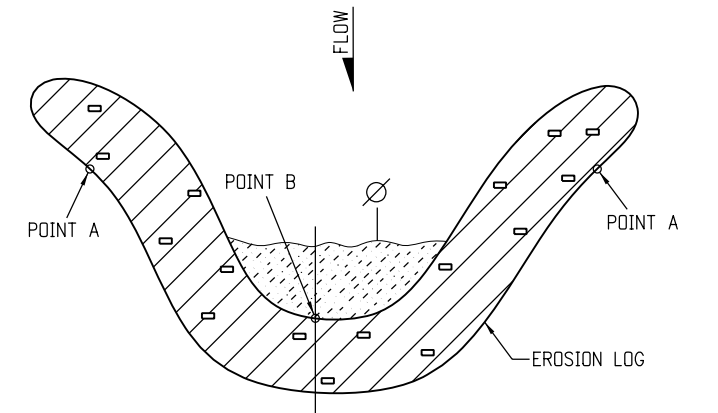


**PLAN VIEW**

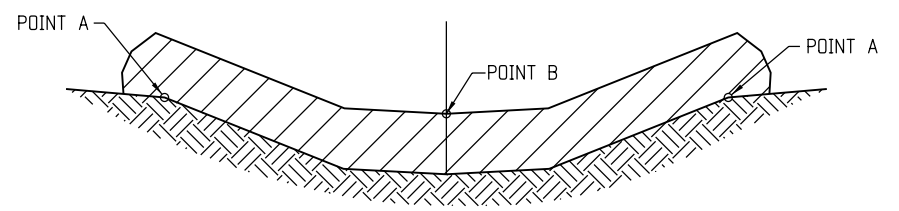


**SECTION C-C**

**DROP INLET EROSION LOG FILTER**



**PLAN VIEW**



POINTS A SHALL BE HIGHER THAN POINT B.

**ELEVATION**

**EROSION LOG DETAIL DITCH INSTALLATION**

NOTE: EROSION LOGS SHALL BE TIGHTLY ABUTTED WITH NO GAPS.

**Computer File Information**

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Full Path: www.dot.state.co.us/DesignSupport/	
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CAD Ver.: MicroStation V8	Scale: Not to Scale Units: English

**Sheet Revisions**

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(R-X)	
(R-X)	
(R-X)	

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**TEMPORARY EROSION CONTROL**

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**STANDARD PLAN NO.**

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Sheet No. 7 of 7