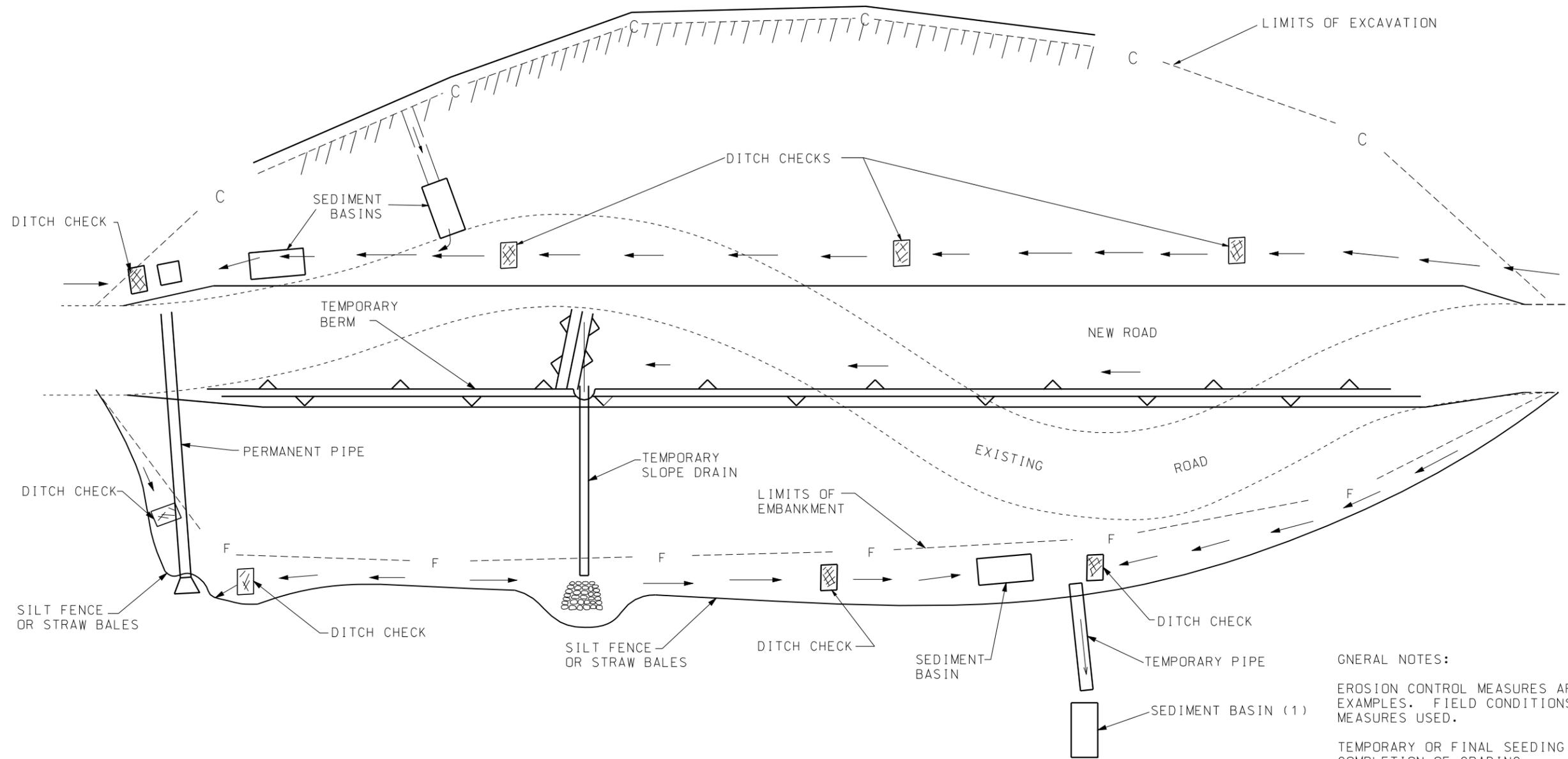


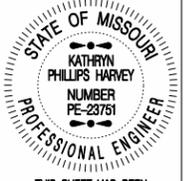
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

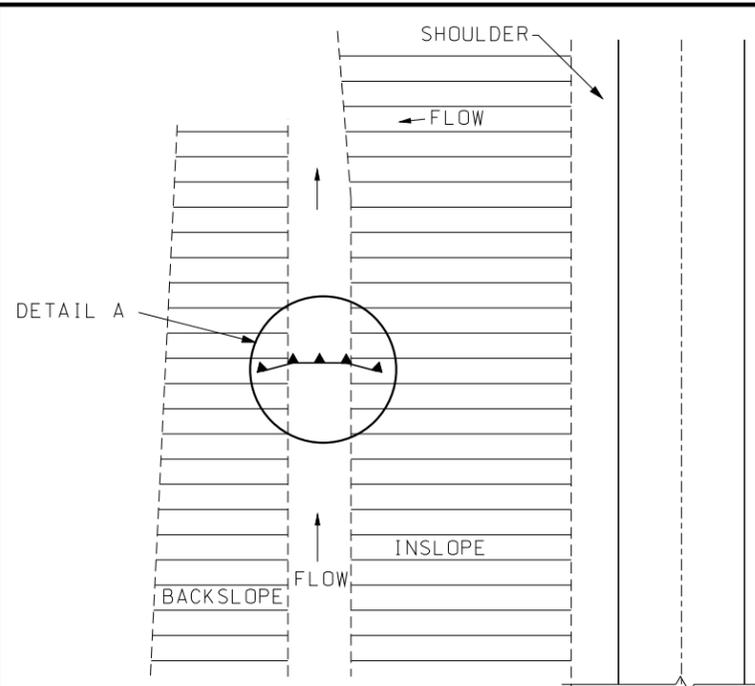


LEGEND  
 C = CUT LIMITS  
 F = FILL LIMITS  
 ← = DIRECTION OF FLOW

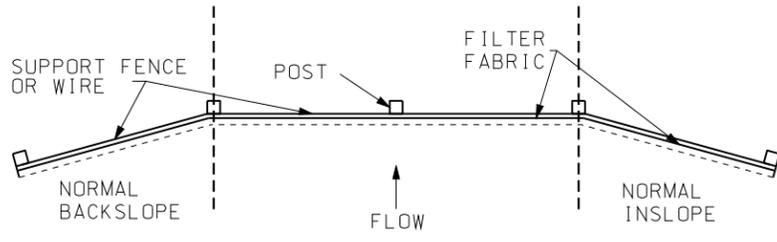
(1) IF DITCH CHECK USED, TOP OF DITCH CHECK MUST BE AT OR LOWER THAN PIPE FLOW LINE.

GENERAL NOTES:  
 EROSION CONTROL MEASURES ARE SHOWN HERE AS GENERAL EXAMPLES. FIELD CONDITIONS WILL DICTATE ACTUAL MEASURES USED.  
 TEMPORARY OR FINAL SEEDING IMMEDIATELY UPON COMPLETION OF GRADING.  
 WOOD POSTS SHALL BE USED FOR ALL STRAW BALE APPLICATIONS.  
 STRAW BALES USED AS SILT FENCE SHALL BE EMBEDDED 6 INCHES.

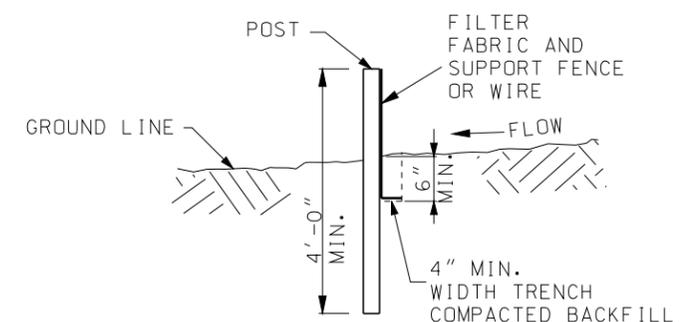
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		<b>TEMPORARY EROSION CONTROL MEASURES</b> GENERIC TEMPORARY EROSION CONTROL PLAN
DATE EFFECTIVE: 04/01/2009 DATE PREPARED: 8/26/2009	<b>806.10H</b>	SHEET NO. 1 OF 7



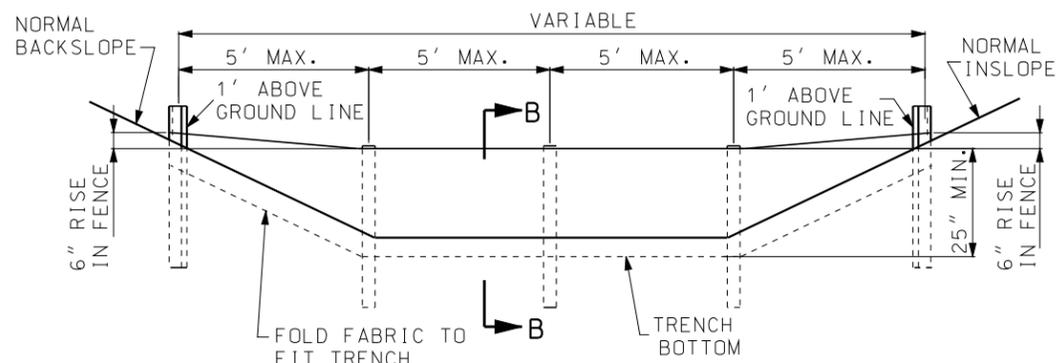
PLAN VIEW



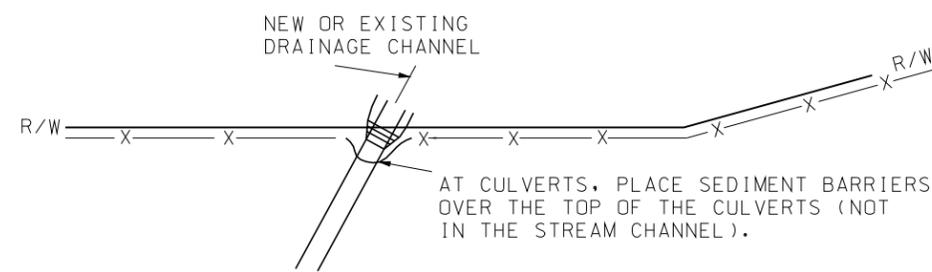
PLAN VIEW DETAIL A



SECTION B-B



ELEVATION DETAIL



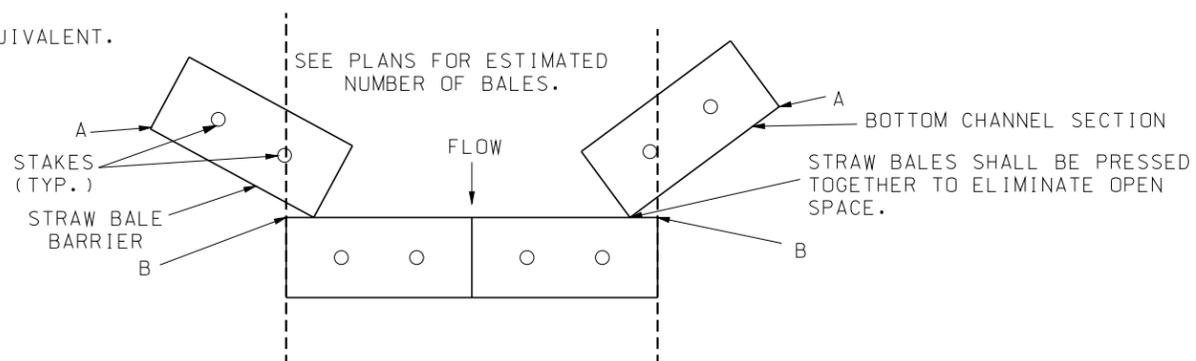
LOCATION DETAIL

NOTES:

SUPPORT FENCE SHALL BE PROVIDED WITH GEOTEXTILE FABRIC DITCH CHECK.

POST SHALL BE STEEL T-POST OR EQUIVALENT.

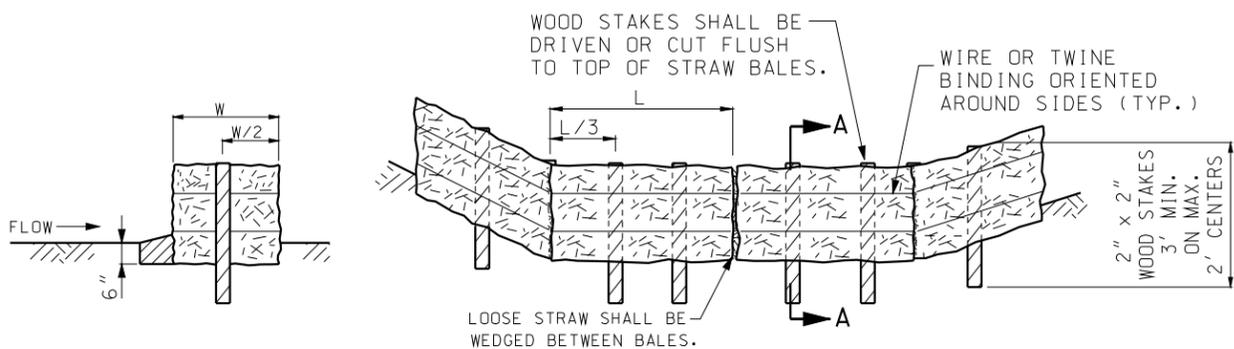
GEOTEXTILE FABRIC DITCH CHECK



PLAN VIEW DITCH APPLICATION DETAILS

NOTE:

CORNERS 'A' SHALL BE HIGHER THAN CORNERS 'B' TO INSURE FLOW THROUGH OR OVER BARRIER, NOT AROUND IT.



SECTION A-A

ELEVATION DETAIL

STRAW BALE DITCH CHECK

GENERAL NOTES:

SEE SHEET 3 FOR MINIMUM SPACING OF ALL DITCH CHECK TYPES.

THE TYPE I DITCH CHECK MAY BE REMOVED, AS DIRECTED BY THE ENGINEER, WHEN THE VEGETATION HAS SUFFICIENTLY MATURED TO PROTECT THE DITCH OR SWALE, OR THE CONCRETE DITCH LINER HAS BEEN CONSTRUCTED.

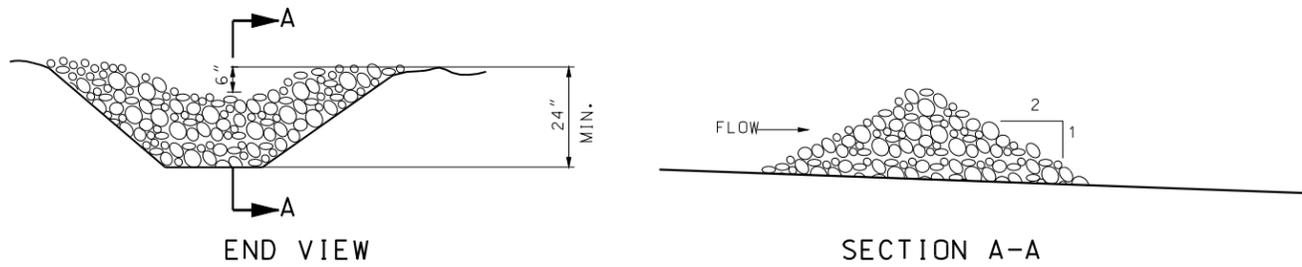
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STATE OF MISSOURI  
 KATHRYN PHILLIPS HARVEY  
 NUMBER PE-23751  
 PROFESSIONAL ENGINEER  
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**TEMPORARY EROSION CONTROL MEASURES**  
 TEMPORARY DITCH CHECKS  
 TYPE I

DATE EFFECTIVE: 04/01/2009	<b>806.10H</b>	SHEET NO. 2 OF 7
DATE PREPARED: 8/26/2009		

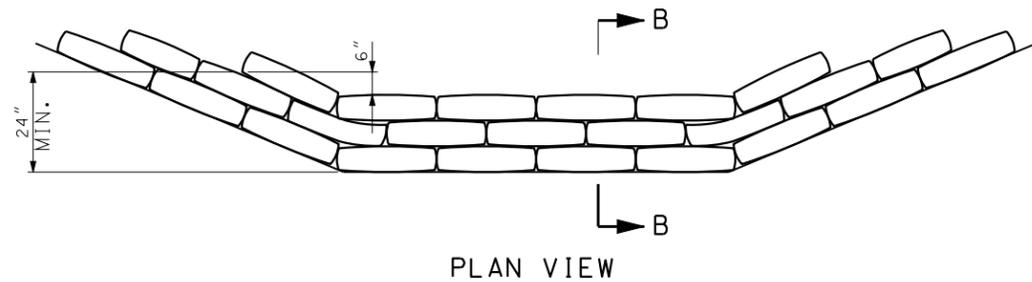
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**ROCK DITCH CHECK**

NOTE:

TYPE II DITCH CHECK IN THE CLEAR ZONE SHALL BE REMOVED AFTER THE VEGETATION HAS SUFFICIENTLY MATURED TO PROTECT THE DITCH OR SWALE OR THE CONCRETE DITCH LINER HAS BEEN CONSTRUCTED.

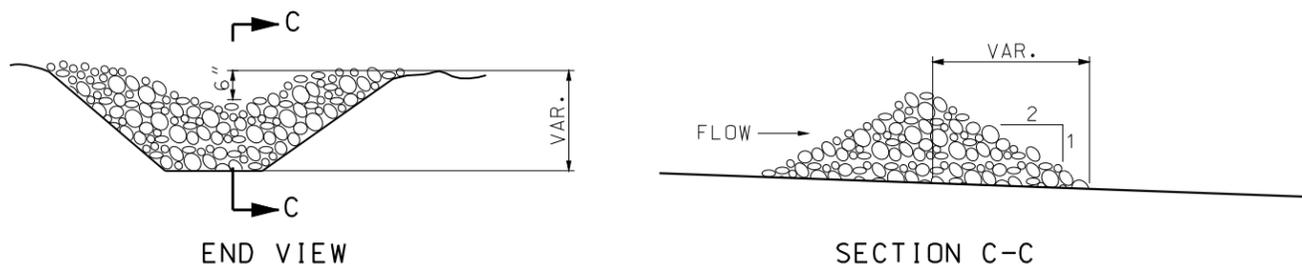


**SAND BAG DITCH CHECK**

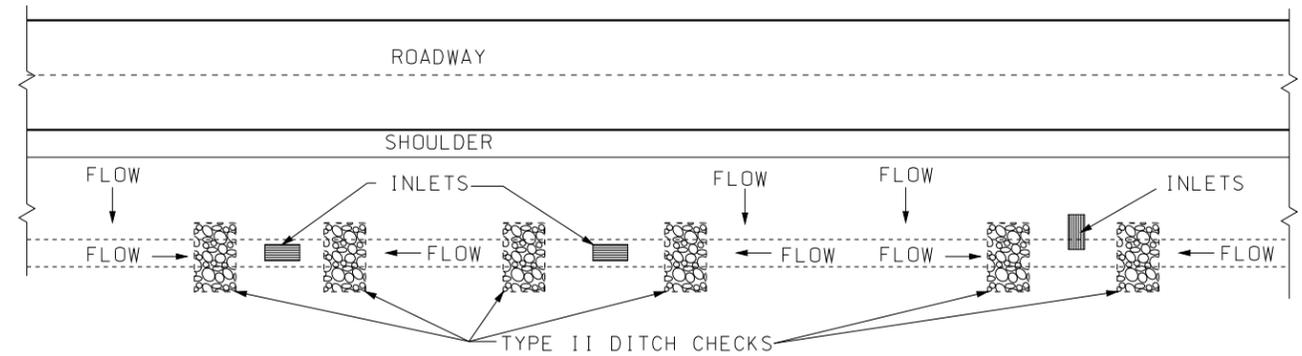
NOTE:

NUMBER OF SAND BAGS AND ARRANGEMENT MAY VARY WITH ON-SITE CONDITIONS.

**TEMPORARY DITCH CHECKS TYPE II**

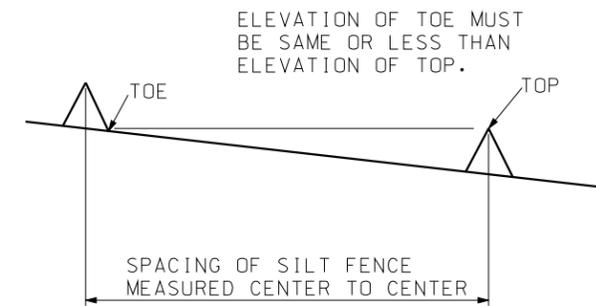


**SEDIMENT TRAP**



**DROP INLET CHECK**

THE DROP INLET CHECK SHALL PROVIDE A MINIMUM OF 12 INCHES AND A MAXIMUM OF 18 INCHES ABOVE THE INLET GRADE.



**MINIMUM DITCH CHECK SPACING**

EXAMPLE DITCH CHECK SPACING FOR STANDARD HEIGHTS (FT.)		
DITCH SLOPE %	SPACING FOR 24" HEIGHT	SPACING FOR 18" HEIGHT
0.5	400	300
1.0	200	150
1.5	133	100
2.0	100	75
2.5	80	60
3.0	66	50
3.5	57	43
4.0	50	38
4.5	44	33
5.0	40	30
5.5	38	27
6.0	35	25
6.5	30	23
7.0	28	21
7.5	26	20
8.0	25	19
8.5	23	18
9.0	22	17
9.5	21	16
10.0	20	15

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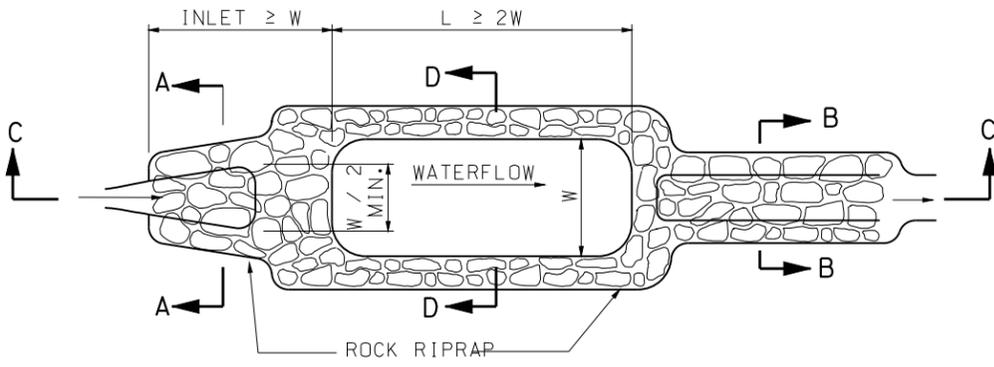
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 KATHRYN PHILLIPS HARVEY  
 NUMBER PE-23751  
 PROFESSIONAL ENGINEER  
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**TEMPORARY EROSION CONTROL MEASURES**

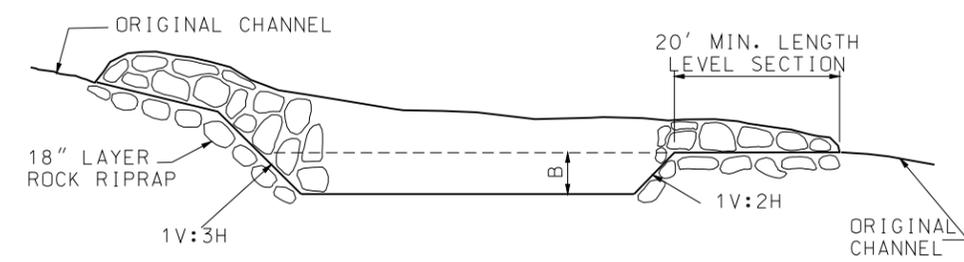
DATE EFFECTIVE: 04/01/2009  
 DATE PREPARED: 8/26/2009  
 SHEET NO. 3 OF 7

**806.10H**

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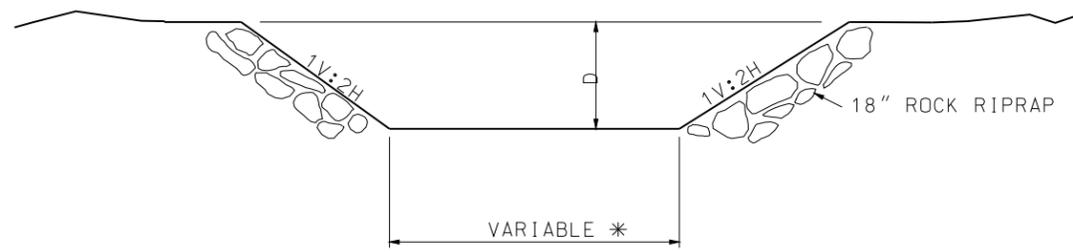


PLAN VIEW



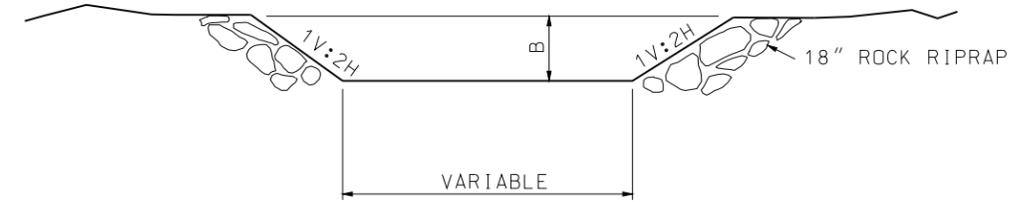
SECTION C-C

EFFECTIVE DEPTH "B" = MIN. 2', MAX. 6' DEPENDENT UPON CONFIGURATION REQUIRED BY LOCATION AND ESTIMATED VOLUME.



SECTION A-A  
INLET

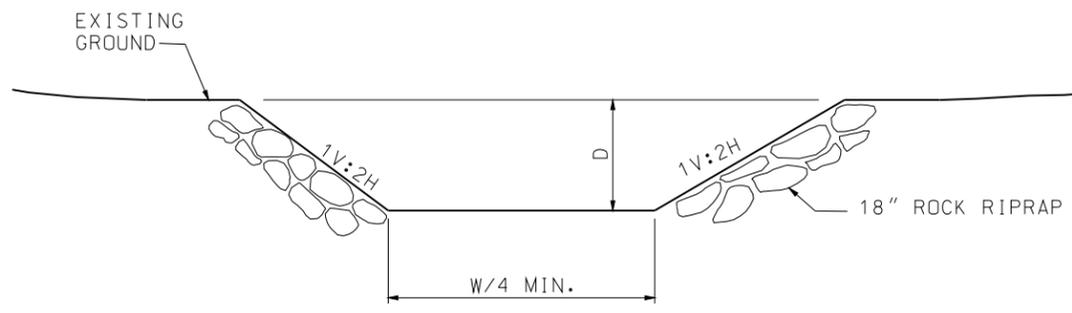
D = 1.0' + DESIGN FLOW DEPTH-MIN.  
\* VARIES FROM WIDTH OF STREAM AT INLET TO ONE-HALF WIDTH OF POND AT OUTLET.



SECTION D-D

GENERAL NOTES:

THE MATERIALS FOR ROCK RIPRAP SHALL MEET THE REQUIREMENTS OF SECTION 611.30 FOR TYPE 2 ROCK BLANKET.  
SEE PLANS FOR LENGTH, DEPTH AND WIDTH OF BASIN.  
SEE PLANS FOR ESTIMATED QUANTITIES OF ROCK RIPRAP - CUBIC YARDS.



SECTION B-B  
OUTLET

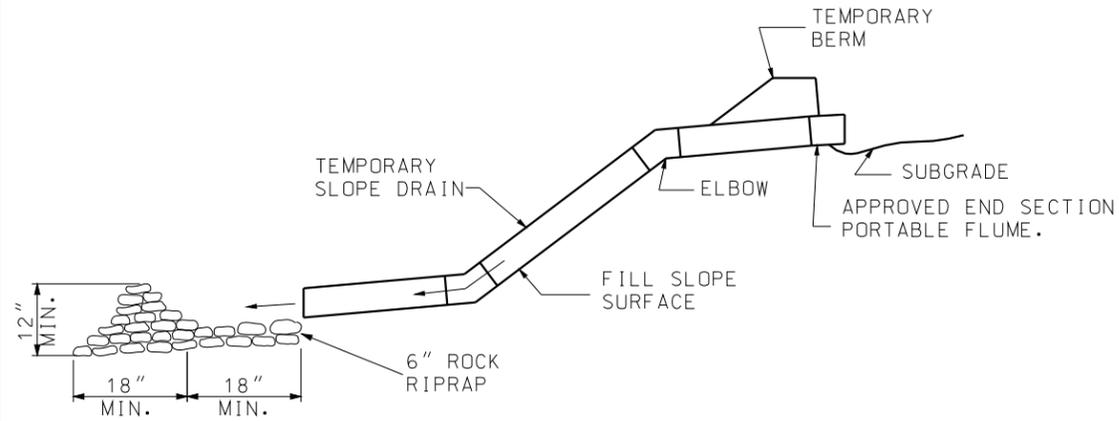
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**TEMPORARY EROSION CONTROL MEASURES**  
SEDIMENT BASIN

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DATE PREPARED: 8/26/2009		

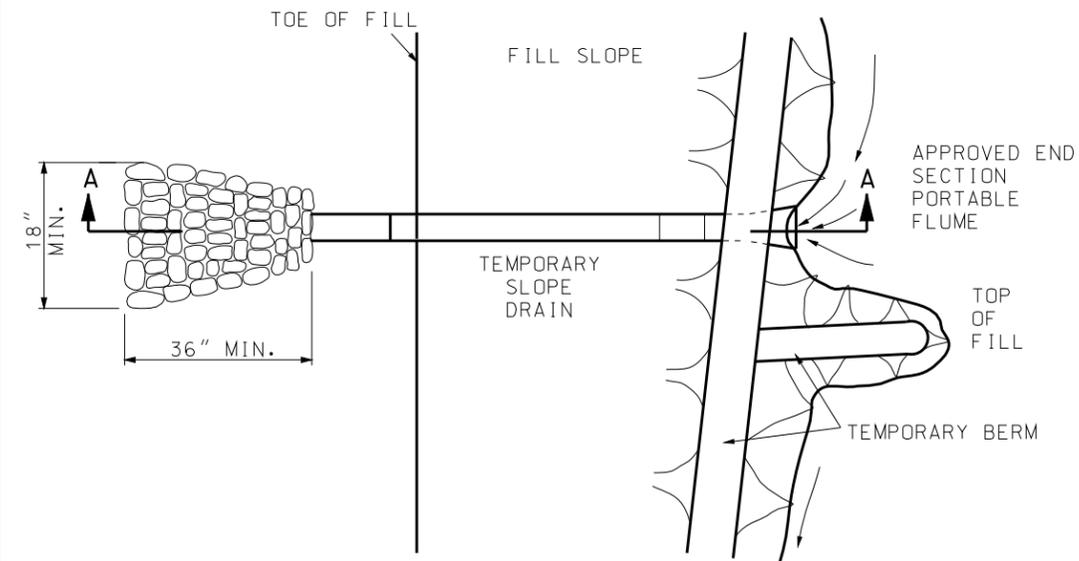
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



NOTE:

IN SOME CASES IT MAY BE NECESSARY TO EMBED METAL OR PLASTIC PIPE INTO THE FILL SLOPE TO SECURE PROPER ANCHORAGE.

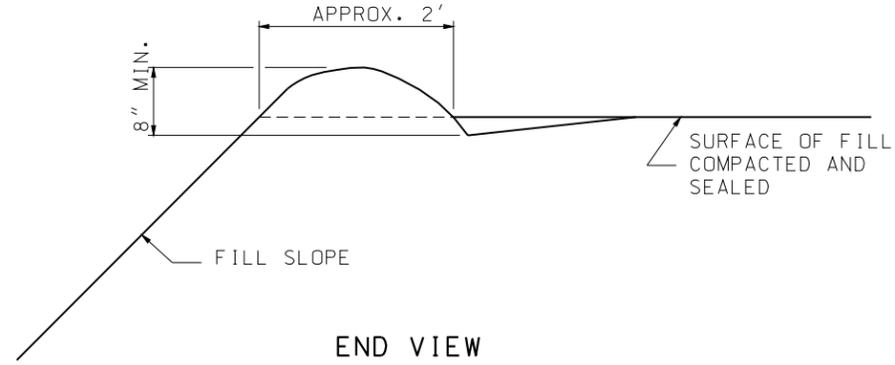
SECTION A-A



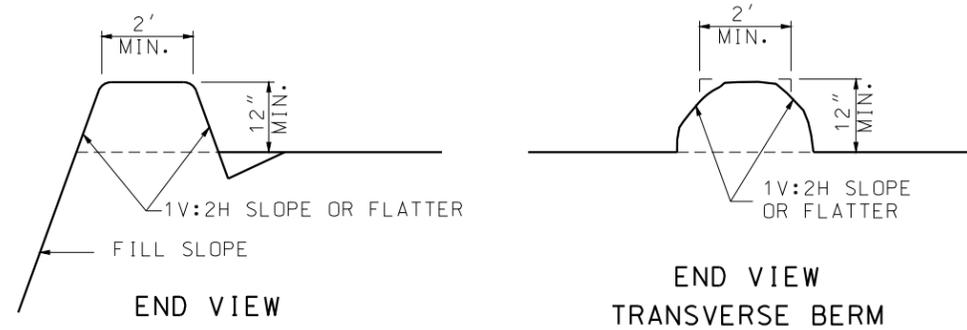
PLAN VIEW  
TEMPORARY SLOPE DRAIN

(METAL, FLEXIBLE RUBBER OR PLASTIC PIPE)

NOTE:  
MAXIMUM LENGTH BETWEEN SLOPE DRAINS SHALL BE APPROXIMATELY 500 FEET.

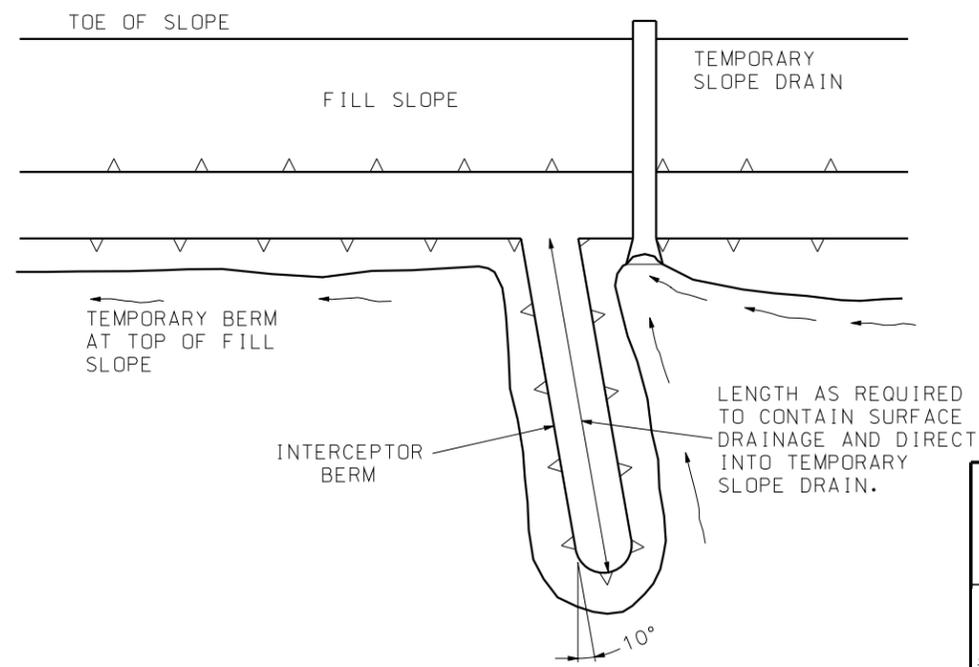


TYPE 'A' TEMPORARY BERM

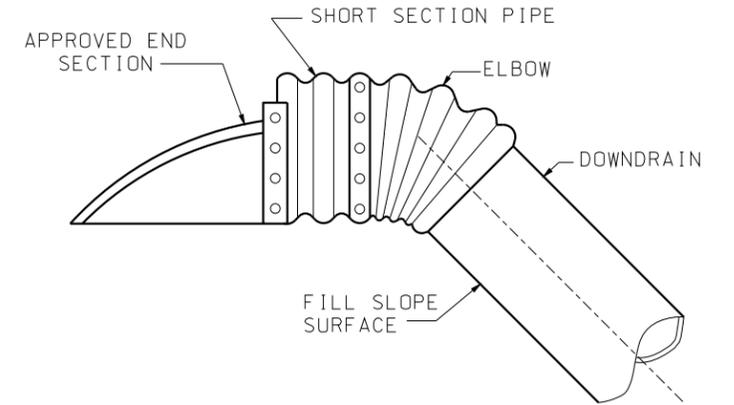


END VIEW  
FILL BERM

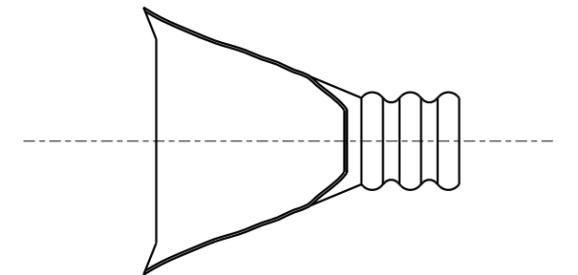
END VIEW  
TRANSVERSE BERM



PLAN VIEW  
TYPE 'B' TEMPORARY BERM



INLET TREATMENT



PLAN VIEW END SECTION  
TEMPORARY SLOPE DRAIN

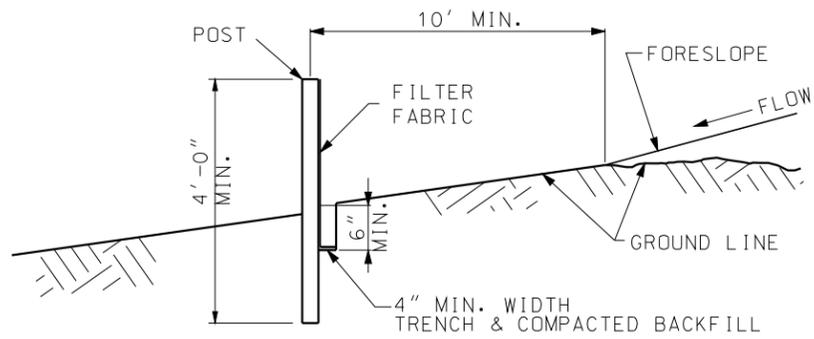
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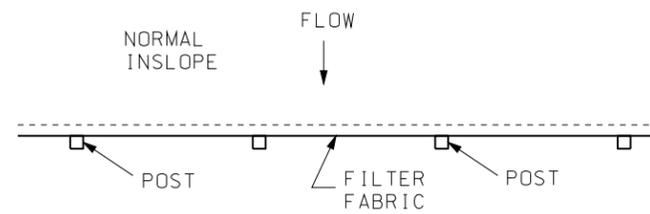
**TEMPORARY EROSION CONTROL MEASURES**  
TEMPORARY BERMS AND SLOPE DRAINS

DATE EFFECTIVE: 04/01/2009	<b>806.10H</b>	SHEET NO. 5 OF 7
DATE PREPARED: 8/26/2009		

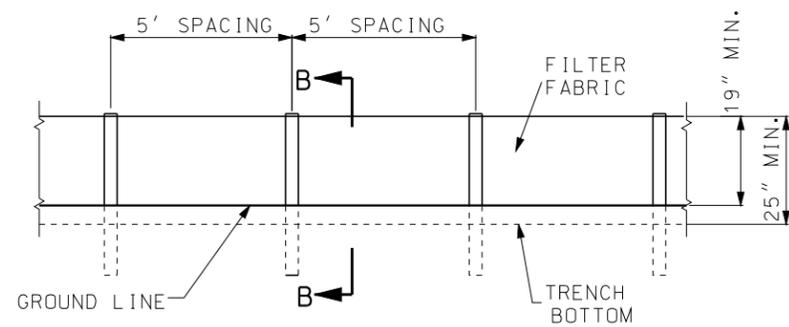
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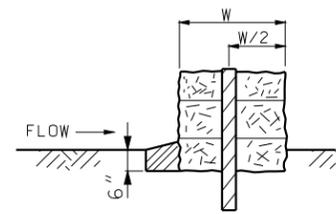
TYPICAL B-B



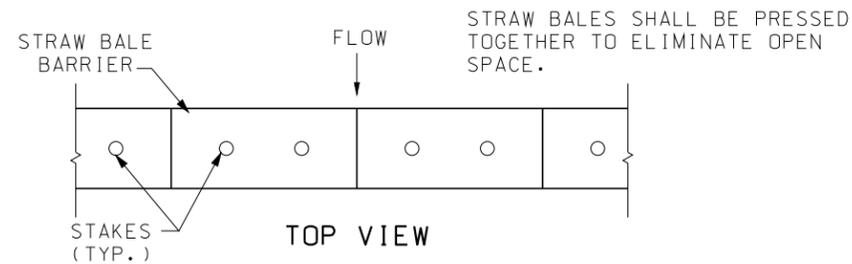
PLAN VIEW DETAIL A



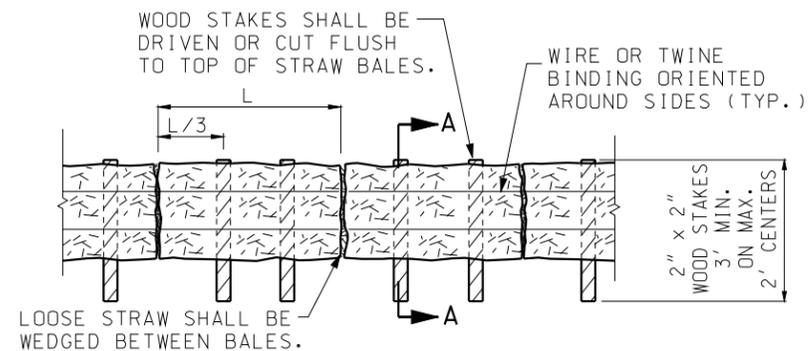
ELEVATION DETAIL FABRIC SILT FENCE



SECTION A-A

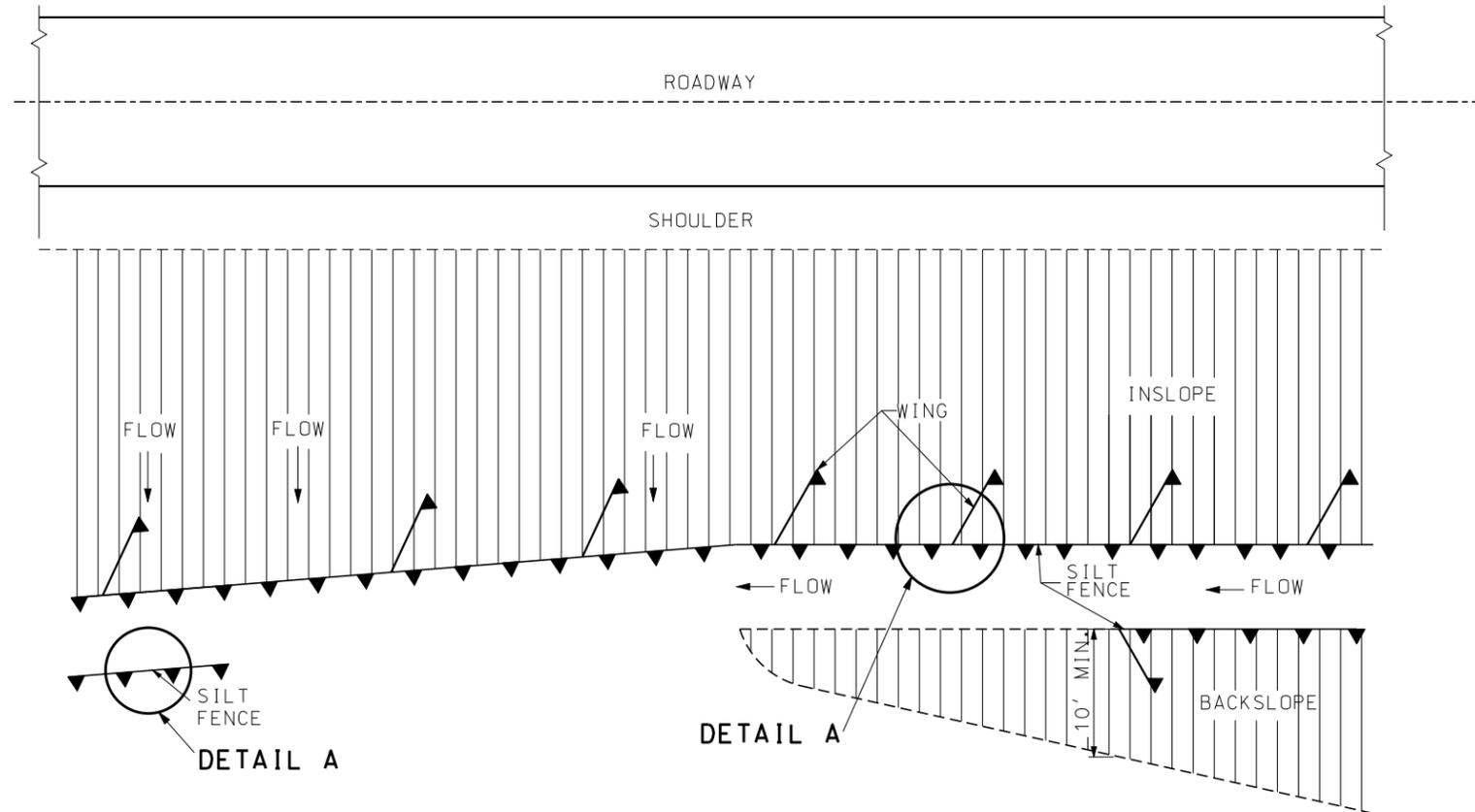


TOP VIEW



SIDE VIEW DETAIL

STRAW BALE SILT FENCE



GENERAL NOTES:

USE SILT FENCE FOR FILL HEIGHTS GREATER OR EQUAL TO 10 FEET. ON ALL FILLS GREATER THAN 10 FEET HIGH, MID-SLOPE RUNS OF SILT FENCE SHOULD BE CONSIDERED.

FOR FABRIC SILT FENCE:

MINIMUM LONGITUDINAL SPLICE OVERLAP SHALL BE 2' WITH A POST AT EACH END.

SECURE FABRIC TO POSTS.

INSTEAD OF SILT FENCE ACROSS DRAINAGE DITCHES AND DRAINS, DITCH CHECK SHALL BE USED AS SHOWN ON PLANS OR AS DIRECTED BY ENGINEER.

SILT FENCE WING SPACING APPROXIMATELY TWICE DITCH CHECK SPACING.

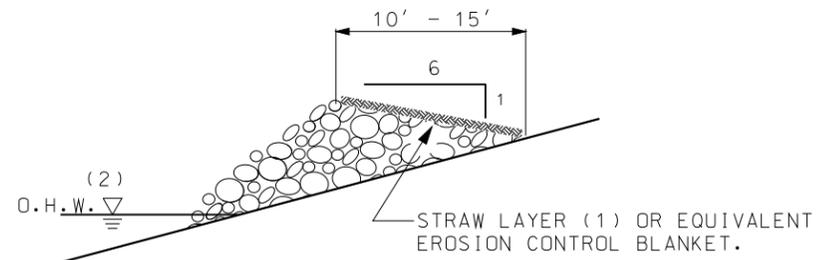
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 NUMBER PE-23751  
 PROFESSIONAL ENGINEER  
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TEMPORARY EROSION CONTROL MEASURES  
 SILT FENCE

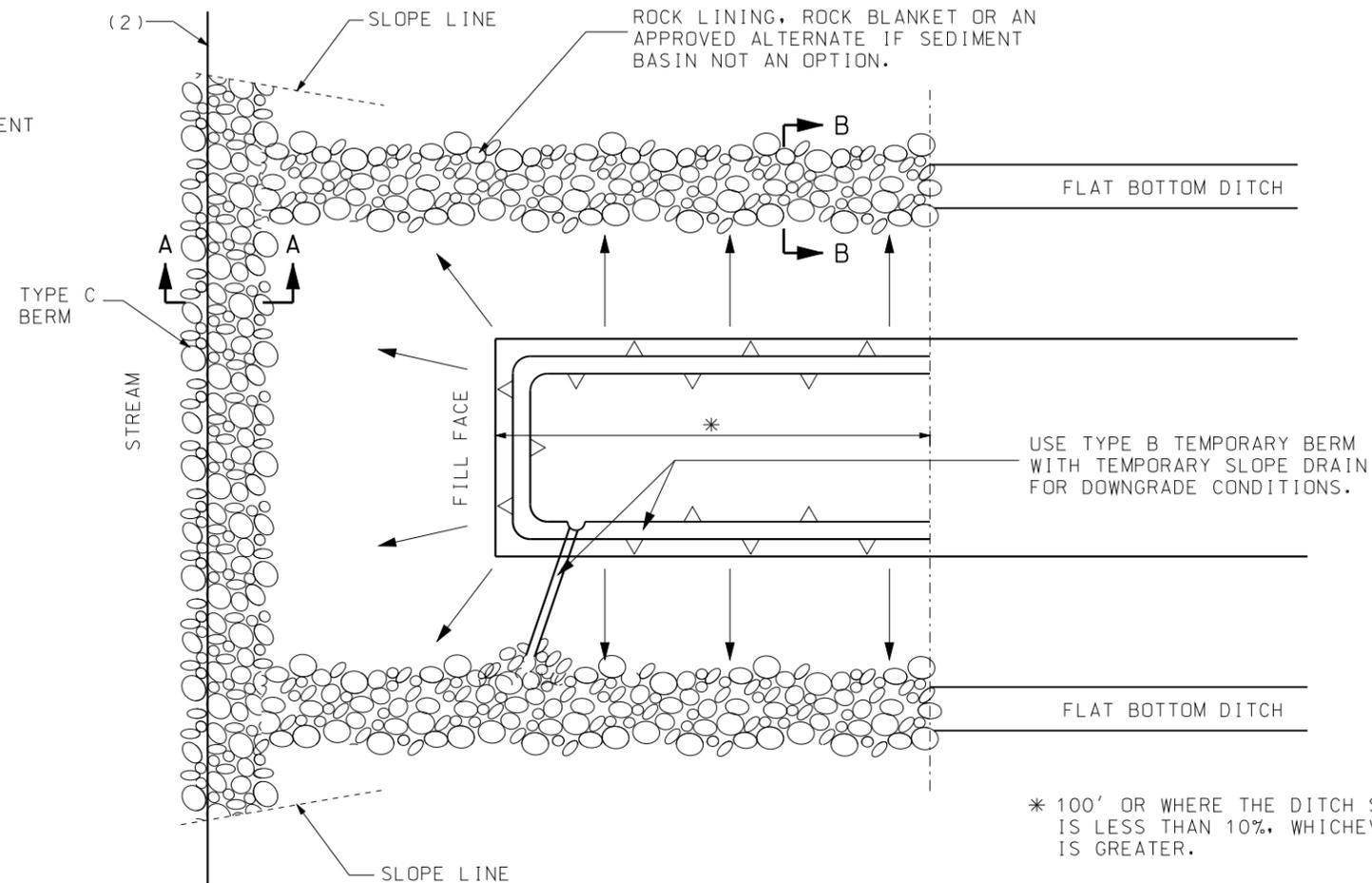
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DATE PREPARED: 8/26/2009		

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SECTION A-A  
TYPE C BERM (3)

- (1) STRAW LAYER SHALL BE A THICKNESS OF 2" COMPACTED.
- (2) TYPE C BERM SHALL BE PLACED NO LOWER THAN THE ORDINARY HIGH WATER (O.H.W.) OR AT AN ELEVATION AS DIRECTED BY THE ENGINEER.
- (3) TYPE C BERM SHALL BE BUILT TO HANDLE SIGNIFICANT RUN-OFF EVENTS AND SHALL BE INSTALLED PRIOR TO SOIL DISTURBANCE OR PLACEMENT OF FILL IN THE DRAINAGE AREA OF THE BERM.



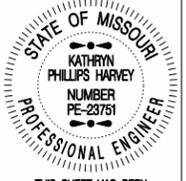
PLAN VIEW



SECTION B-B (4)

- (4) ROCK LINING DITCHES SHALL BE BUILT TO HANDLE SIGNIFICANT RUN-OFF EVENTS.

\* 100' OR WHERE THE DITCH SLOPE IS LESS THAN 10%, WHICHEVER IS GREATER.

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	<b>TEMPORARY EROSION CONTROL MEASURES</b> BRIDGES AND BOX CULVERTS AT STREAM CROSSINGS
DATE EFFECTIVE: 04/01/2009 DATE PREPARED: 8/26/2009	<b>806.10H</b>
SHEET NO. <b>7 OF 7</b>	

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