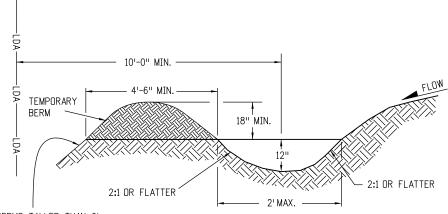


- 1. BERMS SHALL HAVE A HEIGHT OF 18 INCHES, SIDE SLOPES OF 2:1 OR FLATTER AND A MINIMUM BASE WIDTH OF 4'-6" FEET.
- 2. BERMS SHALL BE USED TO INTERCEPT AND DIVERT DRAINAGE TO A DESIGNATED OUTLET.
- 3. BERMS SHALL NOT BE USED WHERE DRAINAGE AREA EXCEEDS 10 ACRES.
- 4. BERMS SHALL BE CONSTRUCTED OUT OF MATERIAL COMPACTED WITH AT LEAST A MINIMUM OF ONE WHEEL ROLLED COMPACTION.
- 5. THE PAY ITEM NUMBER FOR TEMPORARY BERM (LF) IS 208-00300.
- 6. BERMS SHALL BE CONSTRUCTED OUT OF ACCEPTABLE MATERIAL THAT CAN BE COMPACTED AND RECEIVE AT A MINIMUM HEAVY EQUIPMENT WHEEL ROLLED COMPACTION.

TEMPORARY BERM

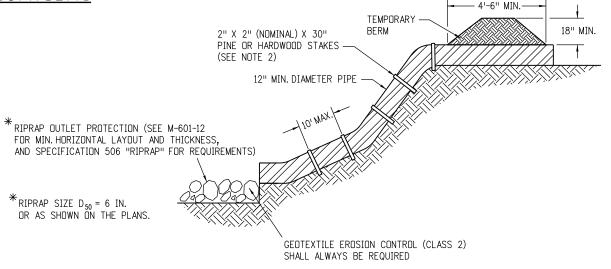


FOR BERMS TALLER THAN 2', INSTALL TOE OF SLOPE BMP. SEE SHEET 3 OF 11 FOR DETAILS.

- 1. TEMPORARY DIVERSION DITCHES SHALL BE CONSTRUCTED ACROSS THE SLOPE TO INTERCEPT RUNOFF AND DIRECT IT TO A STABLE DUTLET OR SEDIMENT TRAP.
- 2. USE THE TEMPORARY DIVERSION DITCH IMMEDIATELY ABOVE A NEW CUT, FILL SLOPE, OR AROUND THE PERIMETER OF A DISTURBED AREA.
- 3. THE GRADIENT ALONG THE FLOW PATH SHALL HAVE A POSITIVE GRADE TO ASSURE DRAINAGE, BUT SHALL NOT BE SO STEEP AS TO RESULT IN EROSION DUE TO HIGH VELOCITY.
- 4. THE DIVERSION FLOWLINE SHALL ALWAYS BE LOCATED A MINIMUM 10 FEET FROM THE OUTSIDE LIMITS OF DISTURBED AREA BOUNDARY.
- 5. THE PAY ITEM NUMBER FOR TEMPORARY DIVERSION (LF) IS 208-00301.

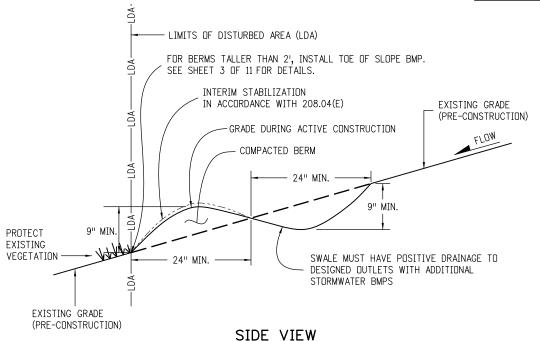
TEMPORARY DIVERSION

GRADING APPLICATIONS



- 1. ANCHOR SIZE VARIES ACCORDING TO PIPE SIZE
- 2. TO SECURE THE PIPE, DRIVE STAKES INTO GROUND, THEN TIE A 12 GUAGE WIRE BETWEEN THEM ABOVÉ AND ACROSS THE PIPE'S WIDTH.
- 3. THE OUTLET SHALL BE ALIGNED WITH THE FLOW DIRECTION OF THE EXISTING GRADE. PERPENDICULAR DISCHARGE TO A CHANNEL SHALL NOT BE ACCEPTABLE.
- 4. THE GRADE AROUND THE INLET TO THE PIPE SHALL BE COMPACTED.
- 5. THE PAY ITEM NUMBER FOR TEMPORARY SLOPE DRAIN (LF) IS 208-00060.

TEMPORARY SLOPE DRAIN



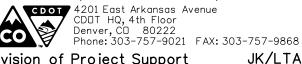
- 1. BERMS CAN ONLY BE USED IF CONDITIONS ALLOW UNINTERRUPTED POSITIVE GRADE (MAXIMUM GRADIENT 3%) TO AN OUTLET PROTECTED WITH ADDITIONAL BMPS.
- 2. MAXIMUM DRAINAGE AREA FOR EACH OUTLET FROM THE SWALE SHALL BE LIMITED TO 2 ACRES.
- 3. CONTRACTOR SHALL SALVAGE TOPSOIL AND PLACE AFTER BERM IS REMOVED FOR FINAL SEEDING OF ALL DISTURBED AREAS.
- 4. ALL ACTIVITIES REQUIRED TO ACCOMPLISH TEMPORARY BERM (EXCLUDING SURFACE MULCHING) SHALL BE INCLUDED IN THE COST OF WORK AND WILL NOT BE PAID FOR SEPARATELY.
- 5. BERMS SHALL BE CONSTRUCTED OUT OF ACCEPTABLE MATERIAL THAT CAN BE COMPACTED AND RECEIVE AT A MINIMUM HEAVY EQUIPMENT WHEEL ROLLED COMPACTION.
- 6. THE PAY ITEM NUMBER FOR TEMPORARY BERM (LF) IS 208-00300.

TEMPORARY BERM (AT EDGE OF DISTURBANCE)

Computer File Information					
Creation Date: 07/04/12	Initials: JK				
Last Modification Date: 02/25/16	Initials: LTA				
Full Path: www.coloradodot.info/business/designsupport					
Drawing File Name: 2080107011.dgn					
CAD Ver.: MicroStation V8 Scale: Not to Sc	le Units: English				

	Sheet Revisions				
	Date:	Comments			
$\overline{\mathbb{R}-X}$	02/25/16	Revisions to some dimensions and Notes.			
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(R-X)					
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Colorado Department of Transportation



Division of	of Pro	ject S	Support
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TEMPORARY EROSION CONTROL

STANDARD PLAN NO.

M-208-1

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Sheet No. 7 of 11