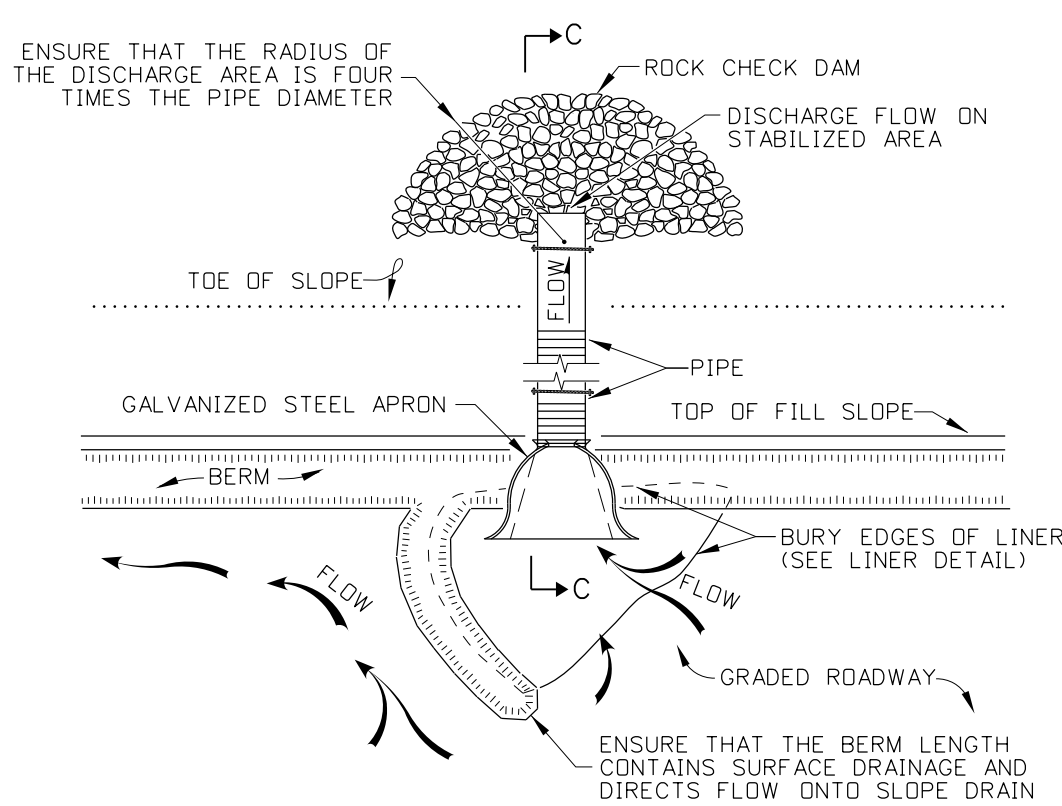
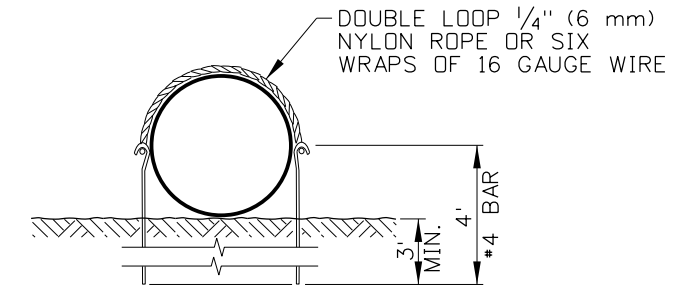
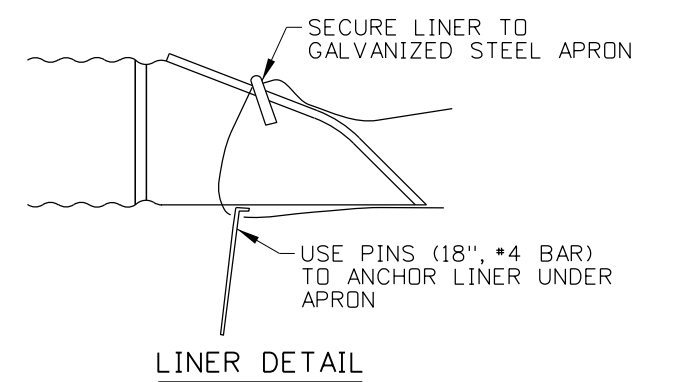


SLOPE DRAIN (LINER)
TO BE USED WITH 4:1 SLOPE OR FLATTER



SLOPE DRAIN (PIPE)

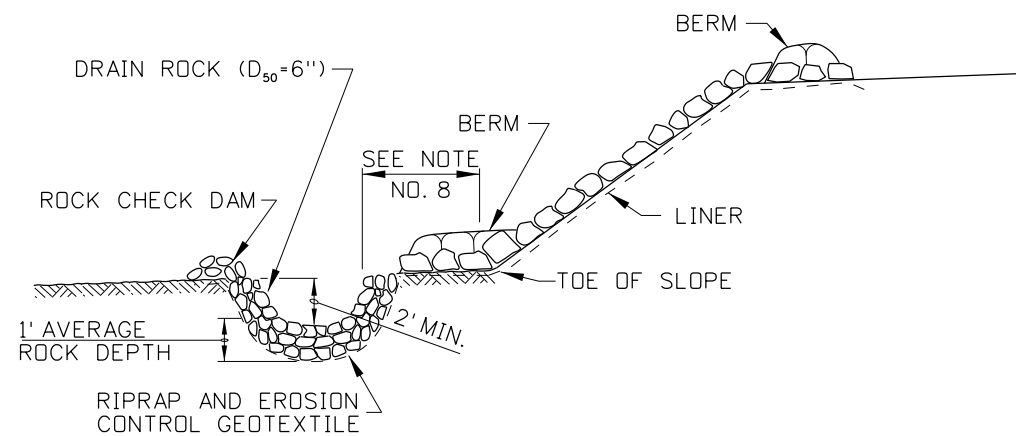


REPEAT PIPE ANCHORING UNTIL PIPE IS STABLE

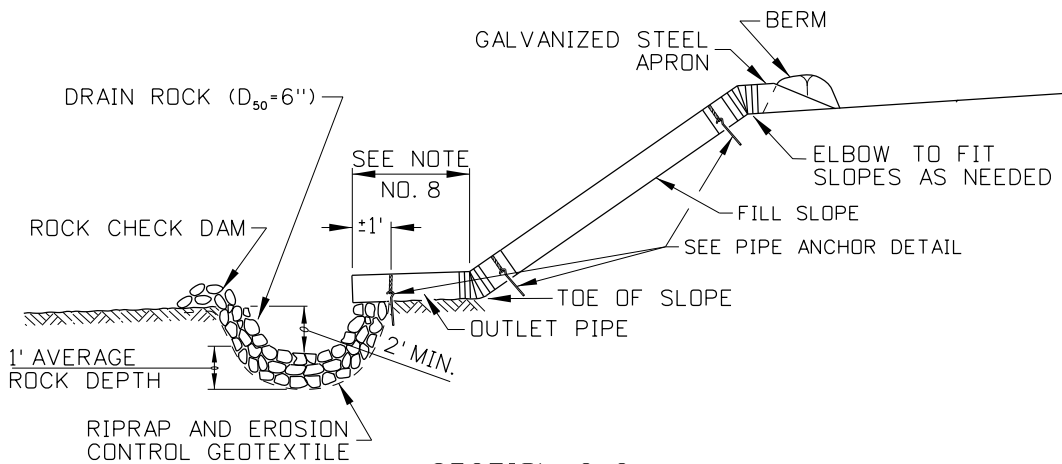
PIPE ANCHOR DETAIL

NOTES

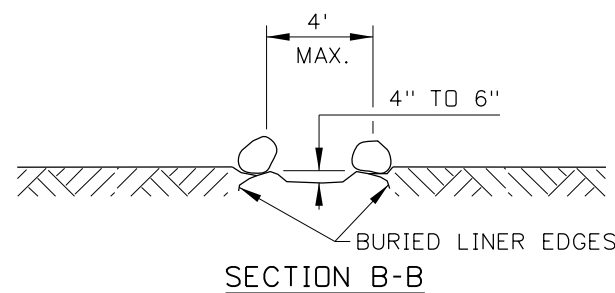
1. THE GENERAL NOTES FOR ALL P-1 SERIES STANDARD DRAWINGS (TEMPORARY EROSION CONTROL) ARE GIVEN ON STANDARD DRAWING P-1-D.
2. PLACE SLOPE DRAINS ON UNDISTURBED SOIL OR WELL COMPACTED FILL AND LOCATE AS SHOWN ON THE PLANS.
3. DETERMINE SLOPE DRAIN SIZE AND NUMBER BY DESIGN STORM EVENT.
4. INSTALL GALVANIZED STEEL APRONS AS SHOWN ON STANDARD DRAWING 608-1. CONNECT PIPES AS SHOWN ON STANDARD DRAWING 706-6.
5. CHECK SLOPE DRAINS PERIODICALLY FOR DAMAGE OR DEBRIS. PLACE ANCHORS AS NEEDED TO SECURE THE SLOPE DRAIN.
6. LINERS MAY CONSIST OF PLASTIC SHEETING, EROSION CONTROL GEOTEXTILES, OR APPROVED TURF REINFORCED MAT (TRM).
7. EXTEND LINER AT LEAST 3.5' IN FRONT OF DRAIN INLET.
8. 4' MINIMUM AT LESS THAN 1 PERCENT SLOPE. ENSURE DISCHARGE IS AT A NON-EROSIVE VELOCITY.
9. NOT TO SCALE.



SECTION A-A



SECTION C-C



REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	9-93	MSM						
2	6-96	GFK						
3	10-10	KEH						
4	11-13	RDL						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: p1a_1113b.dgn

DRAWING DATE: APRIL, 1993

IDAHO TRANSPORTATION DEPARTMENT



BOISE IDAHO

ORIGINAL SIGNED BY: TOM COLE for HIGHWAYS PROGRAM OVERSIGHT ENGINEER

ORIGINAL SIGNED BY: TOM COLE CHIEF ENGINEER

STANDARD DRAWING

TEMPORARY EROSION CONTROL SLOPE DRAINS

REQ. STD. DWGS. 608-1, 706-6, P-1-D & P-1-E

English

STANDARD DRAWING NO. **P-1-A**

SHEET 1 OF 1

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

ORIGINAL SIGNED BY: J. CALEB LAKEY DATE ORIGINAL SIGNED: NOVEMBER 20, 2013