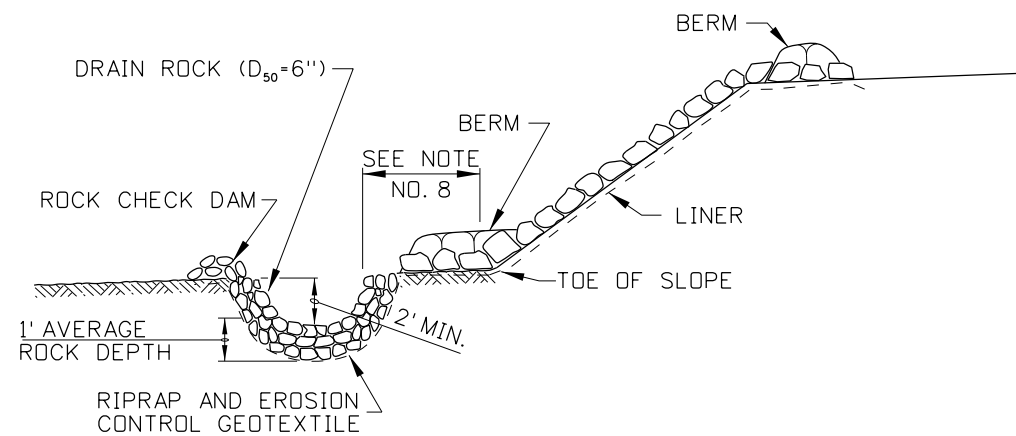
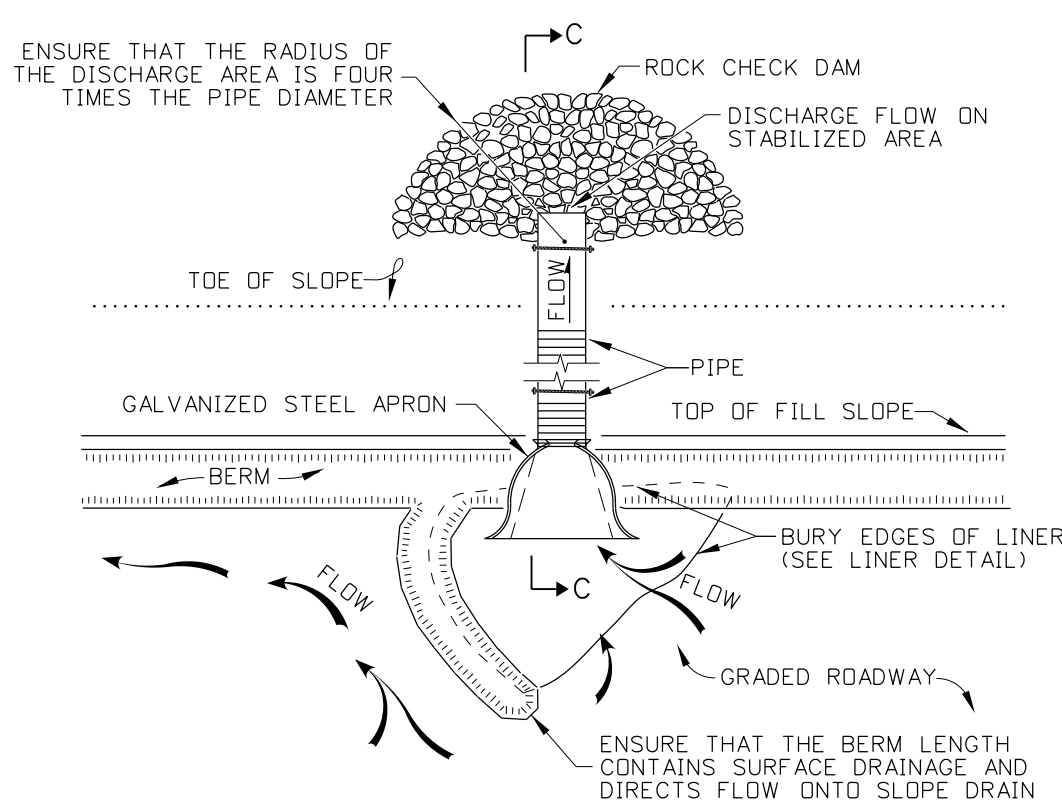


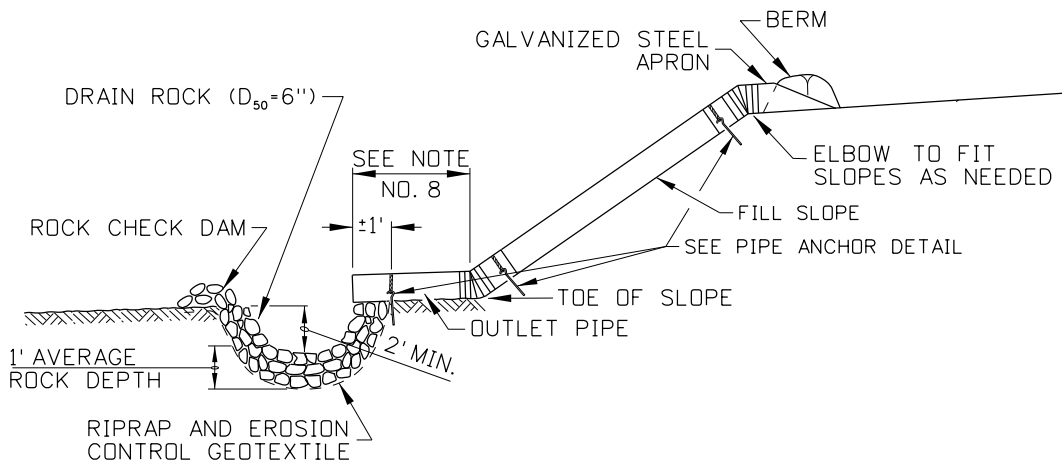
SLOPE DRAIN (LINER)
TO BE USED WITH 4:1 SLOPE OR FLATTER



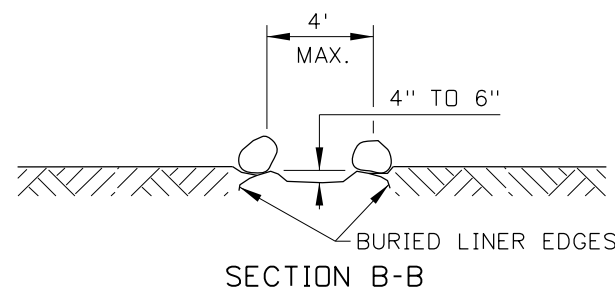
SECTION A-A



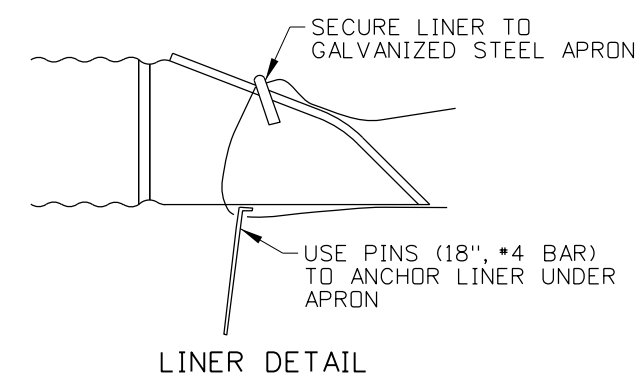
SLOPE DRAIN (PIPE)



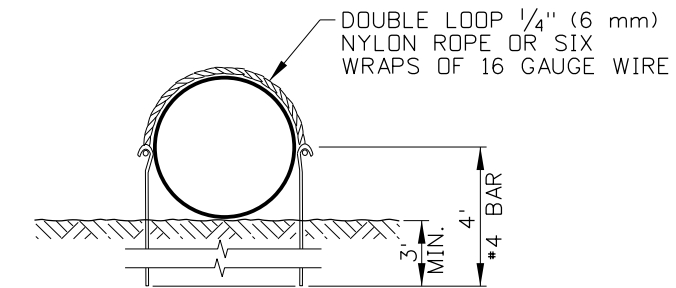
SECTION C-C



SECTION B-B



LINER DETAIL



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 D-5. CONNECT PIPES AS SHOWN ON STANDARD DRAWING D-4-A.
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.

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

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

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_1113.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. D-4-A, D-5, P-1-D & P-1-E

English
STANDARD DRAWING NO. P-1-A
SHEET 1 OF 1