

CHUTE - TYPE A & B
SEE DESIGN CRITERIA TABLE
FOR TYPE A & B CRITERIA

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	01-97	MSM						
2	10-10	KEH						

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME:
p2d_1010.dgn

DRAWING DATE:
FEBRUARY, 1996

**IDAHO
TRANSPORTATION
DEPARTMENT**



BOISE IDAHO

ORIGINAL SIGNED BY: LOREN THOMAS
ASSISTANT CHIEF ENGINEER (DEVELOPMENT)

ORIGINAL SIGNED BY: TOM COLE
CHIEF ENGINEER

STANDARD DRAWING

CHUTES AND FLUMES

REQUIRES SHEET 2 OF 2 & STD. DWG. P-2-A

English

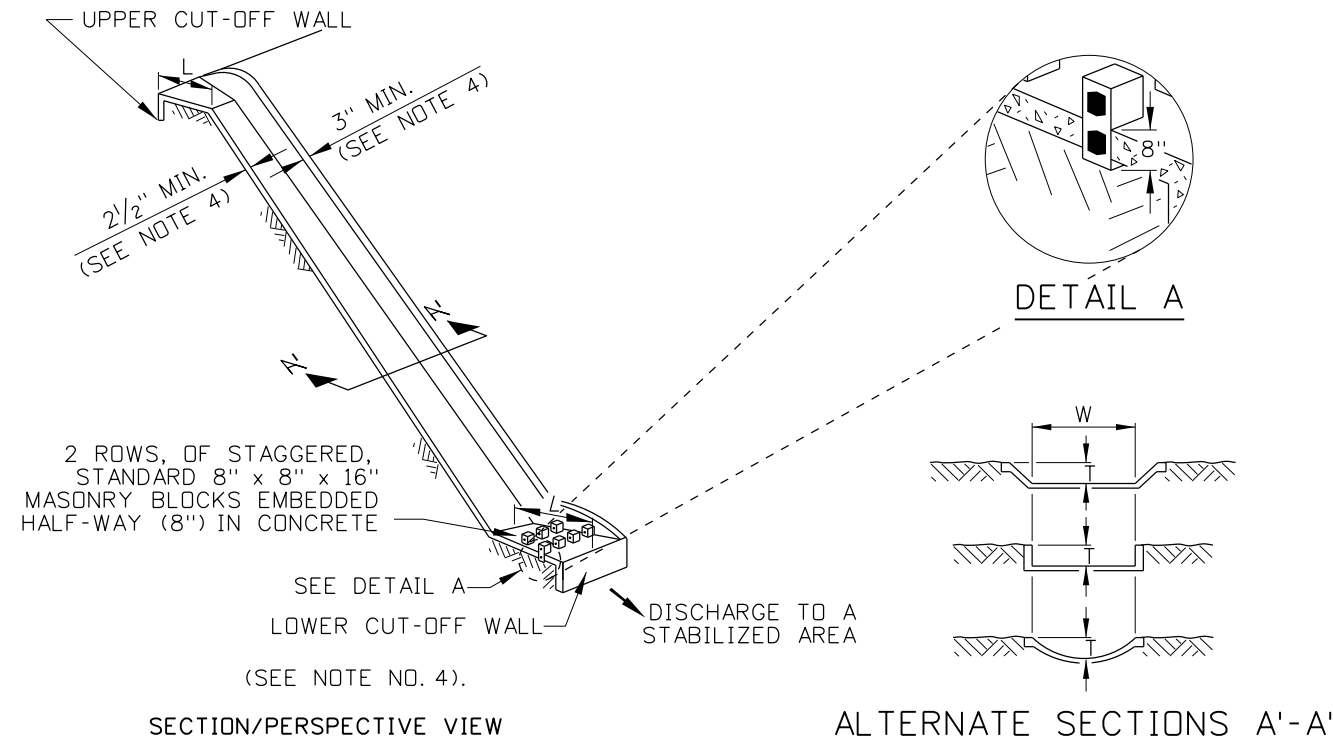
STANDARD DRAWING NO.
P-2-D

SHEET 1 OF 2

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

ORIGINAL SIGNED BY:
KARISSA HARDY
DATE ORIGINAL SIGNED:
OCTOBER 27, 2010

DESIGN CRITERIA TABLE					
TYPE	W BOTTOM WIDTH	H MIN.	T MIN.	L MIN.	MAXIMUM DRAINAGE AREA
A-2	2'	1.5'	8"	5'	5 ACRES
A-4	4'	1.5'	8"	5'	8 ACRES
A-6	6'	1.5'	8"	5'	11 ACRES
A-8	8'	1.5'	8"	5'	14 ACRES
A-10	10'	1.5'	8"	5'	18 ACRES
B-4	4'	2'	10"	6'	14 ACRES
B-6	6'	2'	10"	6'	20 ACRES
B-8	8'	2'	10"	6'	25 ACRES
B-10	10'	2'	10"	6'	31 ACRES
B-12	12'	2'	10"	6'	36 ACRES
C-(n)	n = 1' - 2'	N/A	6"	2' - 5'	>5 ACRES



PAVED FLUME - TYPE C

NOTES

1. THE GENERAL NOTES FOR ALL P-2 SERIES STANDARD DRAWINGS (PERMANENT EROSION CONTROL) ARE GIVEN ON STANDARD DRAWING P-2-A (PERMANENT EROSION CONTROL GABIONS & REVET MATTRESSES).
2. A PAVED FLUME MAY BE CONSTRUCTED TO DRAIN CONCENTRATED SURFACE RUNOFF SAFELY DOWN SLOPES WITHOUT CAUSING EROSION. THE DRAINAGE AREA CONTRIBUTING RUNOFF TO A PAVED FLUME SHOULD NOT EXCEED THAT GIVEN IN THE DESIGN CRITERIA ABOVE. THE PAVED FLUME SHOULD BE SIZED TO DRAIN THE PEAK RATE OF RUNOFF WITHOUT OVERTOPPING AT THE EARTH DIKE ENTRANCE. A 25 YEAR STORM DRAIN FREQUENCY MAY BE USED TO CALCULATE THE FLOW RATE.
3. THE TYPE IS A DESIGNATOR FOR THE DIMENSIONS OF THE PAVED FLUME. THE TYPE IS DESIGNATED BY A LETTER (A, B, OR C), A DASH, AND FOLLOWED BY THE NUMERICAL BOTTOM WIDTH (W). THE APPROPRIATE SIZE (TYPE) SHOULD BE INDICATED ON THE PLANS.
4. TYPE C PAVED FLUMES REQUIRE A MINIMUM FLOOR THICKNESS OF 2 1/2". THE WING WALL ENDS AND UPPER/LOWER CUT-OFF WALL REQUIRE A MINIMUM THICKNESS OF 3".
5. NOT TO SCALE.

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STANDARD DRAWING
CHUTES AND FLUMES
 REQUIRES SHEET 1 OF 2 & STD. DWG. P-2-A

English
 STANDARD DRAWING NO.
P-2-D
 SHEET 2 OF 2

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

ORIGINAL SIGNED BY: KARISSA HARDY
 DATE ORIGINAL SIGNED: OCTOBER 27, 2010