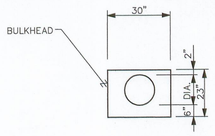
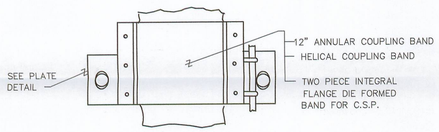
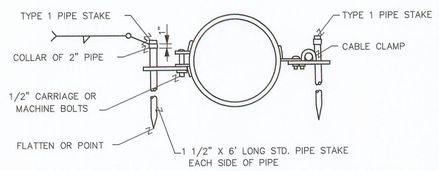


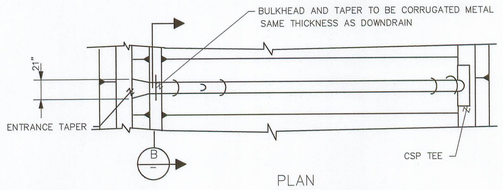
SECTION B





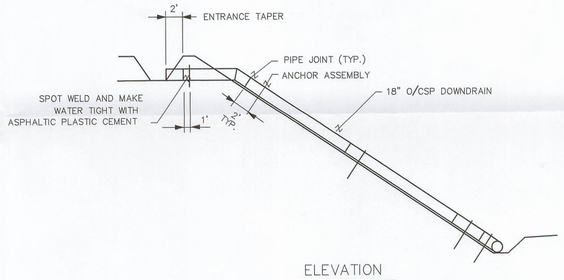
ANCHOR ASSEMBLY

OVERSIDE DRAIN



PLAN

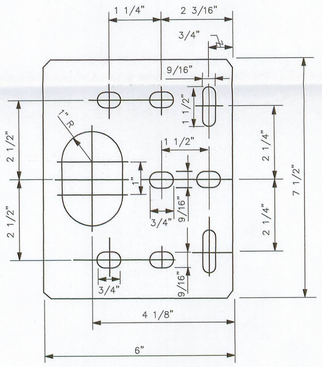
NTS



ELEVATION

NTS

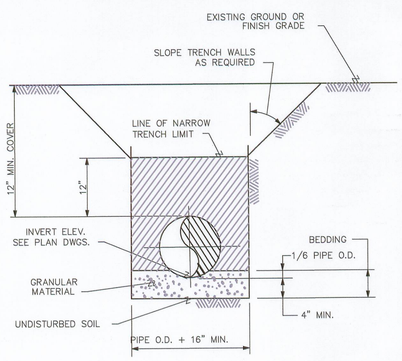
OVERSIDE DRAIN



MATERIAL TO BE 1/4" PLATE GALVANIZED AFTER FABRICATION

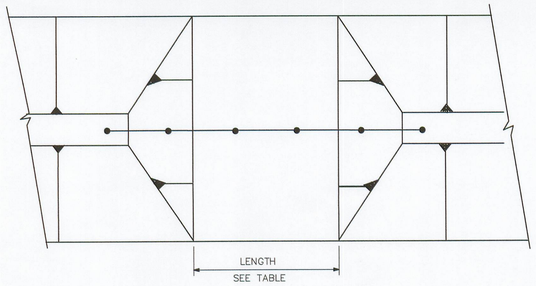
PLATE DETAIL

OVERSIDE DRAIN

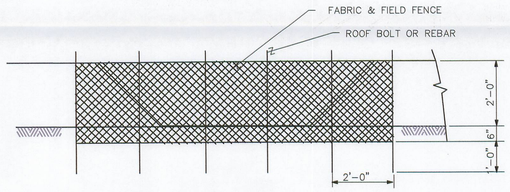


SECTION

TRENCH FOR CORRUGATED STEEL PIPE



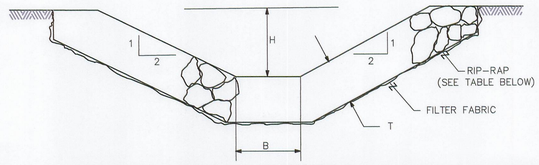
PLAN



SECTION

TYPICAL SILT FENCE

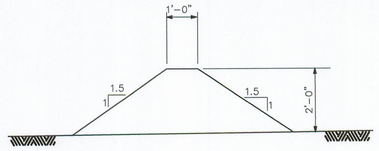
NTS



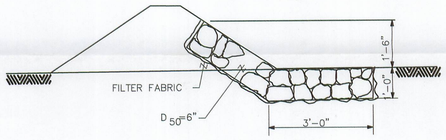
SECTION

DITCH DETAIL

DITCH DIMENSIONS			RIP-RAP (SEE PLAN FOR LOCATION)	
DITCH NO.	H	B	D_{50}	T
1	1'-0"	1'-0"	N.A.	
3	1'-6"	1'-0"	1'-0"	1'-6"
3A	1'-0"	1'-0"	N.A.	
5	1'-0"	1'-0"	N.A.	
7	2'-0"	1'-0"	N.A.	
7A	2'-6"	2'-0"	1'-0"	1'-6"
8	2'-6"	1'-0"	1'-0"	1'-6"
9	1'-0"	1'-0"	N.A.	
11	1'-6"	1'-0"	6"	1'-0"
13	2'-6"	1'-0"	1'-0"	1'-6"
14	2'-0"	1'-0"	1'-0"	1'-6"
16	3'-0"	1'-0"	1'-0"	1'-6"
18	1'-6"	2'-0"	1'-0"	1'-6"
19	2'-6"	2'-0"	1'-0"	1'-6"
20	2'-6"	2'-0"	1'-0"	1'-6"
21	2'-0"	1'-0"	6"	1'-0"
23	2'-0"	1'-0"	N.A.	
25	1'-6"	1'-0"	N.A.	
27	2'-6"	2'-0"	1'-0"	1'-6"
31 MIN.	1'-0"	5'-0"	9"	1'-6"
31 MAX.	2'-0"	5'-0"	1'-5"	3'-0"
33	1'-0"	1'-0"	1'-0"	1'-6"
35	2'-6"	1'-0"	N.A.	
36	1'-0"	1'-0"	N.A.	N.A.
37	2'-0"	1'-0"	1'-0"	1'-6"



BERM



BERM WITH RIP-RAP

LEGEND

- LIMIT OF STREAM BOTTOM
- LIMIT OF DRAINAGE WATER SHED
- LIMIT OF DISTURBANCE
- LIMIT OF PRE-LAW OR NON-MINING DISTURBANCE
- AGGREGATE BASE
- XXXXXX RIP-RAP
- DITCH
- BERM
- DIRECTION OF FLOW
- SILT FENCE
- EXISTING CULVERT
- NEW CULVERT
- 24 DRAINAGE STRUCTURE NUMBER(BERM,DITCH)
- 4 CULVERT NUMBER
- 23 DRAINAGE WATERSHED NUMBER
- 6310 SURFACE ELEVATION

GENERAL NOTES

1. TOPO BY INTERMOUNTAIN TECHNICAL SERVICES,INC. OF GRAND JUNCTION COLORADO.1985
2. DATUM IS 1929 SEA LEVEL
3. COORDINATE SYSTEM IS KAISER STEEL LOCAL

NO	DATE	REVISION	BY	CHK	APP	APP	D'BASE UPDATE
3	8/2/06	ADDED DITCH #31 TO DITCH TABLE					
2	2/1/91	ADDED PRE-LAW SYMBOL					
1	11/30/90	REVISED PER TECH REVISION					

REFERENCE DRAWINGS | NUMBER | NOTES

DESCRIPTION | COST ACCOUNT
WORK COVERED BY THIS ACCOUNT CHARGED TO COST ACCOUNT ABOVE

CONSTRUCTION APPROVAL

APPROVAL | DATE

INFORMATION CONFIDENTIAL: ALL PLANS,DRAWINGS,SPECIFICATIONS AND/OR INFORMATION FURNISHED HEREWITH ARE AND SHALL REMAIN THE PROPERTY OF KAISER ENGINEERS INC. AND SHALL BE KEPT CONFIDENTIAL AND SHALL NOT BE USED FOR ANY PURPOSE NOT PROVIDED FOR IN AGREEMENTS WITH KAISER ENGINEERS INC.

SCALE: NONE		DATE
DESIGNED BY:	J.MAHER	7/30/90
DRAWN BY:	D. RONAN	8/06/90
CHECKED BY:		
APPROVED BY:		
APPROVED BY:		

PROFESSIONAL SEAL

HYDROLOGIC DESIGN INC.
Hydrology/Hydraulics

HYDROLOGIC DESIGN INC.
14356 LAPIS DRIVE
DRAPER, UTAH 84020

DRAINAGE DETAILS
HORSE CANYON MINE

JOB NO. 80043 | DWG.NO. VI-3 | REVISION R-2

FILE IN Expanchabbr 09142006
Refer to Record No. 0173 in C0070013, 2006, Incoming for additional information

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SEP 14 2006
DIV. OF OIL, GAS & MINING