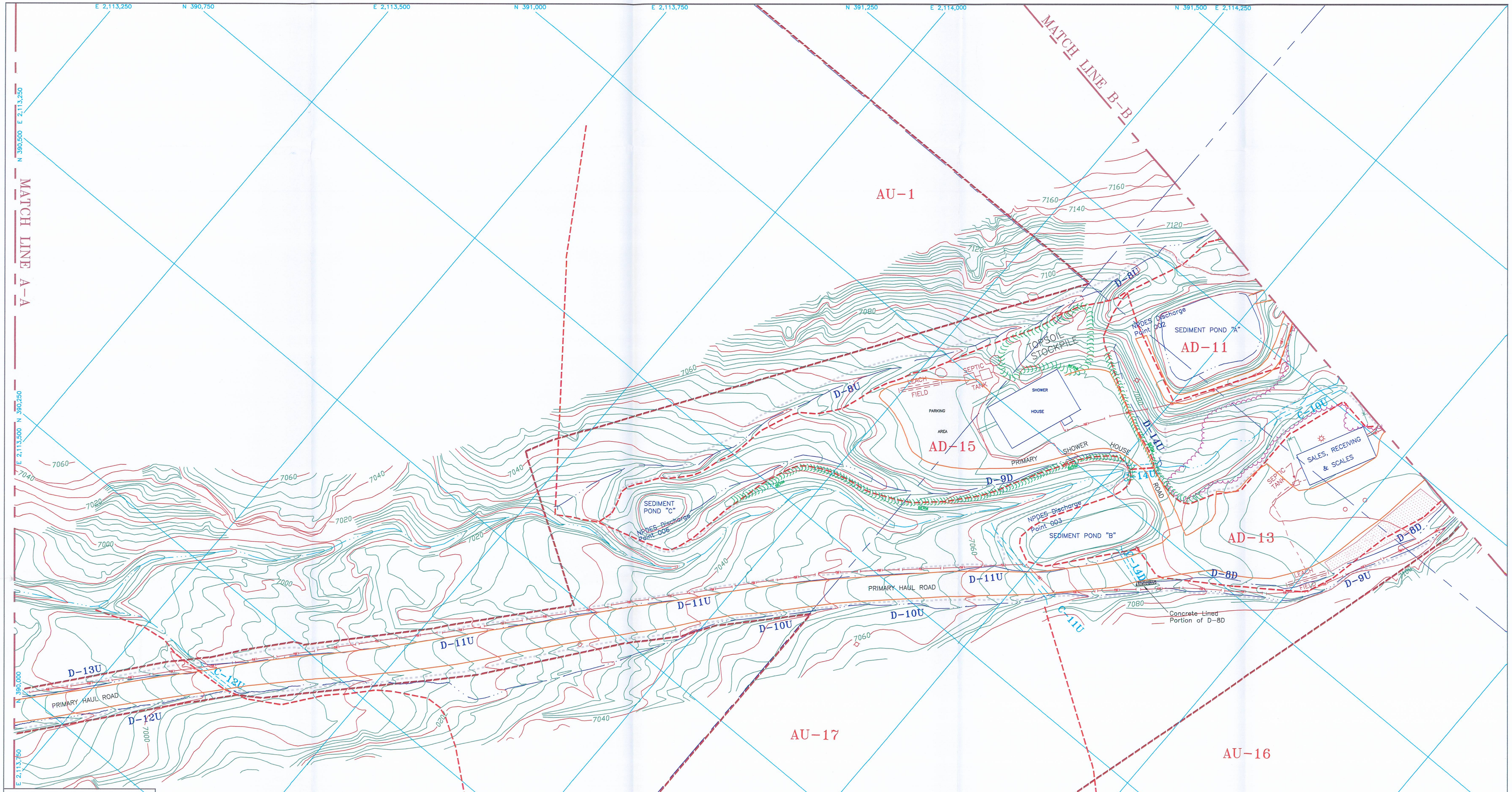

ENGINEER'S CERTIFICATION

I hereby certify that this drawing was revised by me or under my direct supervision and that all of the information presented on this drawing is true and correct to the best of my knowledge and belief.

James E. Stover
Utah P.E. 5160041-2202

Date

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SEE PLATE 7-2 FOR SEDIMENT POND "A" SPECIFICATIONS
SEE PLATE 7-3 FOR SEDIMENT POND "B" SPECIFICATIONS
SEE PLATE 7-6 FOR SEDIMENT POND "C" SPECIFICATIONS

REFER TO TABLES 7.2-10 AND 7.2-11 FOR DITCH AND CULVERT SPECIFICATIONS

CASTLE VALLEY MINING, LLC

HYDROLOGY MAP

SCALE:	DRAWN BY:	DATE:
1" = 50'	C. Reynolds	7/19/91

BEAR CANYON | PLATE 7-1B

REV.	DATE	REMARKS	APPR.
2	4-28-92	Coal Storage Pad Proposal Added	7-07-92
3	4-28-92	Sed. Pond "A" Dist. Bound. Corrected	9-18-92
4	11-20-92	Shower House Proposal Added (92H)	2-09-93
5	8-24-94	Shower House Waterline Added (94C)	10-19-94
6	2-23-96	Map Updated For Shower House Pad As-Built (96A)	7-05-96
7	7-22-96	D-8D Water Bar Concrete Crossing Added (96C)	9-04-96
8	12-30-99	Steel Bridge Structure Contours Near Bath House	2-10-00
9	8/01/02	Digitized Map	12-8-05
10	5/09/06	WHR Tank Seam As-Built/Snow Storage	8-22-07
11	12/14/10	NOV 10068:Ditch D-8D concrete lining, Valve box, haul road color	1-25-11

LEGEND

PERMIT BOUNDARY		CONTOUR LINE	6980	UNDISTURBED DRAINAGE	D-2U
DISTURBED AREA		WATER LINES	W	DISTURBED DRAINAGE	D-2D
PRE-1977 DISTURBANCE		SECTION LINE		DRAINAGE BOUNDARY	
CULVERTS		SEE PLATES 2-4 FOR SURFACE FACILITIES		SEE PLATE 7-5 FOR COMPLETE WATERSHED MAP	

SCALE 1"= 50'
50' 25' 0 50' 100' 150'
CONTOUR INTERVAL 2'
PHOTOGRAPHY DATE NOV. 11, 1990