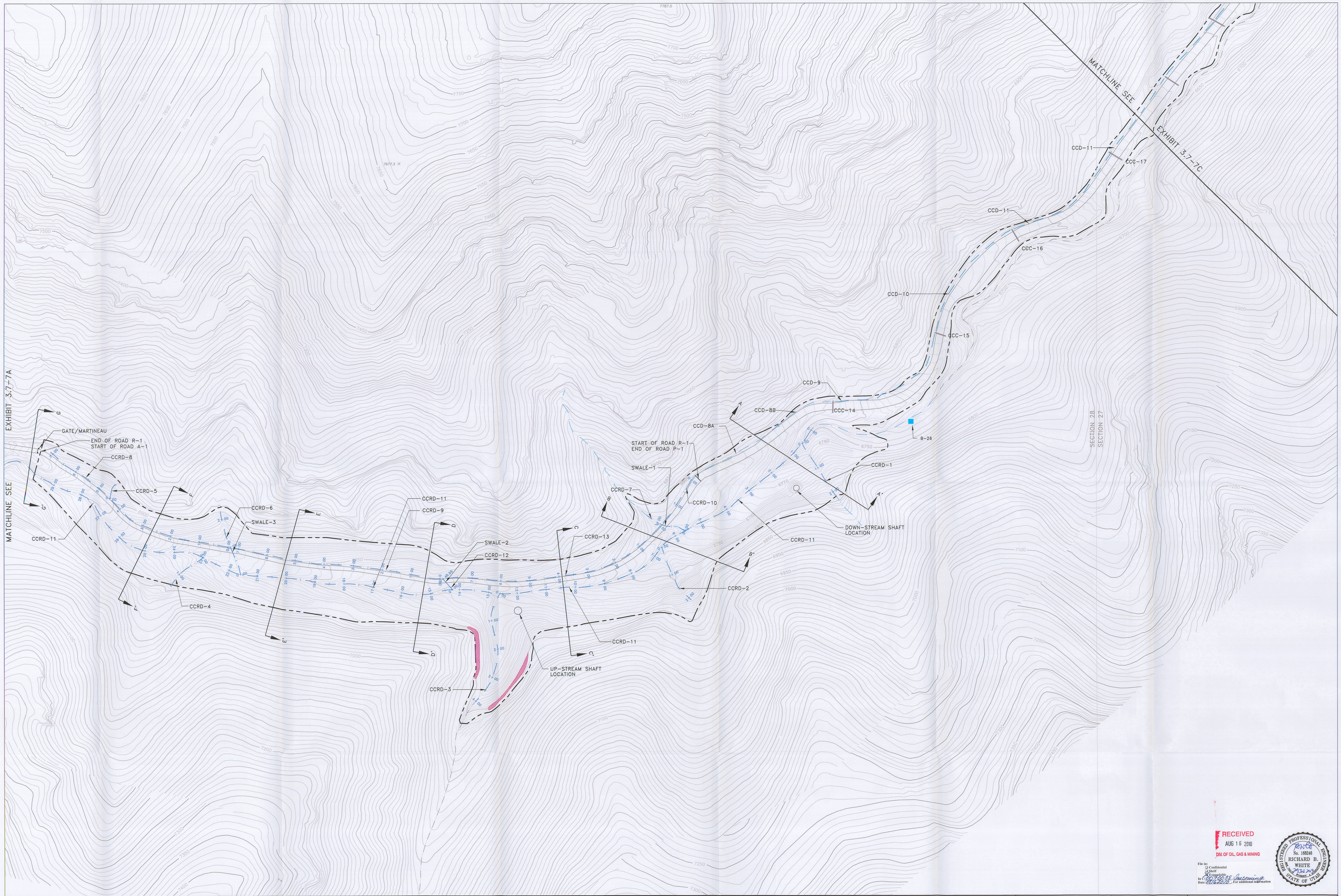

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In: Cranda Canyon Permitting
Date: 8/16/10 For additional information

REGISTERED PROFESSIONAL ENGINEER No. 168248 RICHARD B. WHITE STATE OF UTAH

LEGEND

- WILLOW CREEK MINE DISTURBED AREA BOUNDARY
- STREAM CHANNEL
- RECLAMATION SURFACE WATER MONITORING LOCATION
- CCRD-1 RECLAMATION CHANNEL
- CCCD-1 OPERATIONAL DITCH LEFT IN PLACE AFTER RECLAMATION
- CCC-1 OPERATIONAL CULVERT LEFT IN PLACE AFTER RECLAMATION
- REMAINING CUT SLOPES

NOTES:

1. Survey control is based on the following coordinate systems:

   HORIZONTAL: 1927 North American Datum Utah coordinate system, Central Zone (uncorrected for site elevation). Horizontal Control Points: Ford (N517606.555, E2152101.872), XT14 (N511829.589, E2176295.736)

   VERTICAL: National Geodetic Vertical Datum 1988

2. SEE EXHIBIT 3.7-6 FOR LOCATION OF ALL OPERATIONS PHASE HYDRAULIC STRUCTURES. OPERATIONS PHASE CULVERTS AND DITCHES TO REMAIN AFTER RECLAMATION ARE SHOWN ON THIS MAP.

3. CRANDALL CANYON IS LOCATED IN TOWNSHIP 12 SOUTH AND RANGE 9 EAST

4. SOME CUTSLOPES REMAIN IN THE RECLAIMED AREA. RECLAIMING THESE CUTSLOPES WOULD REQUIRE SLOPES GREATER THAN 2:1 DUE TO THE LIMITED AREA ADJACENT TO THE CUTSLOPES. THE SLOPES NEEDED TO COVER THE CUTSLOPES WOULD HAVE A FACTOR OF SAFETY LESS THAN 1.3 AND WOULD REQUIRE MORE MATERIAL THAN IS AVAILABLE AT THE SITE.

N W E S

100' 0' 100' 200'

XREF'S

G:\UC709\22\CRANDALL\DWG\CRAN-AB-BASE.DWG

REVISION/HISTORY

BY	DATE	DESCRIPTION
KHB	SEP 95	
1		
SWF	FEB 96	
2		
CDH	NOV 96	
3		
LDJ	DEC 00	MODIFIED RECLAMATION SURFACE
4		
LDJ	FEB 03	PHASE III BOND RELEASE
5		
LDJ	JUN 03	PERMIT AREA REDUCTION
6		
LDJ	SEPT 05	AS-BUILT CONDITIONS
7		
8		

EarthFax Engineering, Inc.
Engineers/Scientists

PLATEAU MINING CORPORATION

847 NW HIGHWAY 191 HELPER, UTAH 84526
PHONE: (435) 472-0475

TITLE: WILLOW CREEK MINE
CRANDALL CANYON AS-BUILT RECLAMATION TOPOGRAPHY AREA B

DRAWN BY:	SWF	DATE:	FEB 1995
CHECKED BY:	WSH	DATE:	FEB 1995
DRAWING NO.	G:\UC709\22\CRANDAL\DWG\AB-EX37-12AB.DWG		

EXHIBIT 3.7-12AB