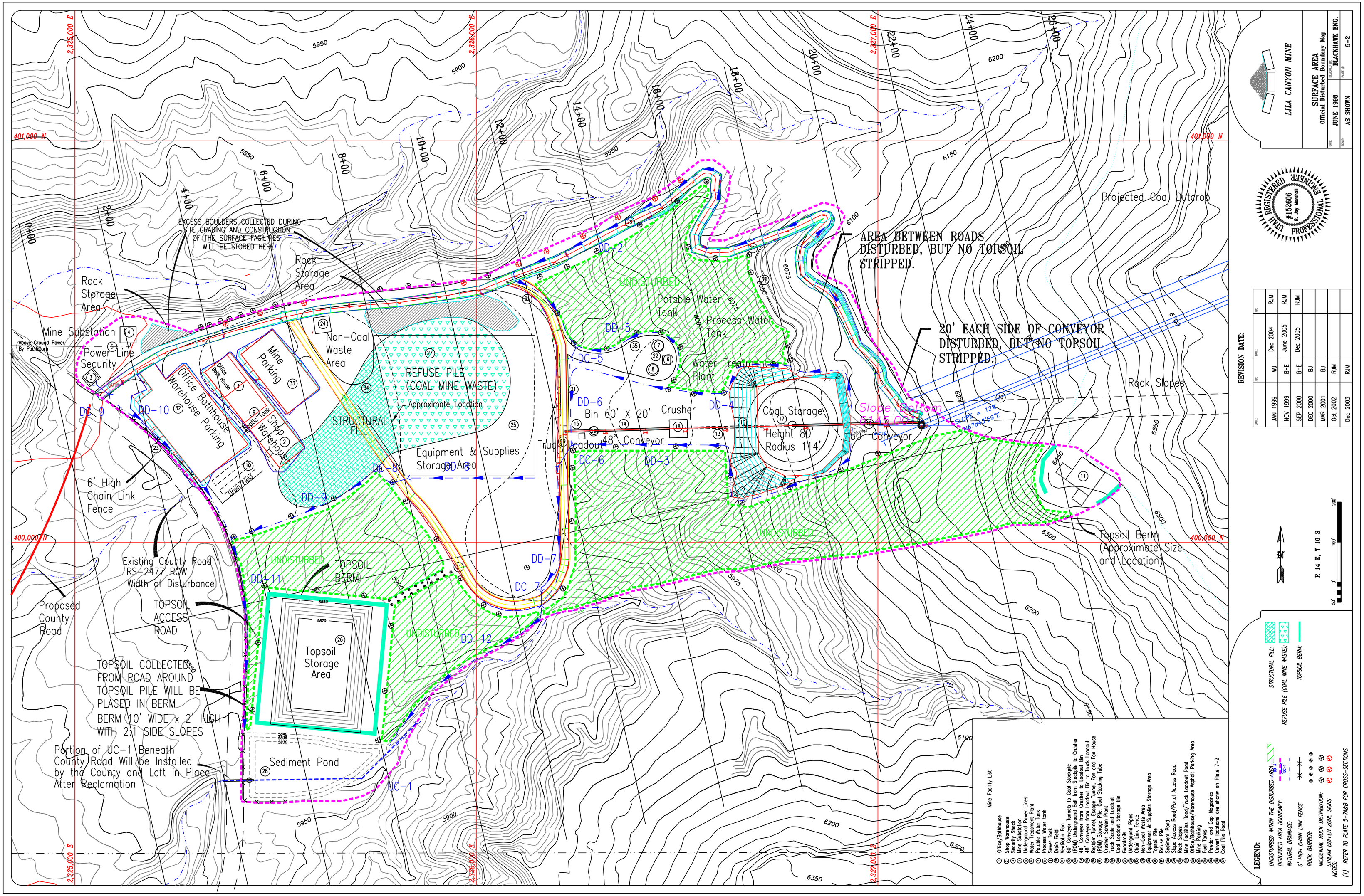

LILA CANYON MINE
SURFACE AREA
Official Disturbed Boundary Map
DATE: JUNE 1998
DESIGNED BY: BLACKHAWK ENG.
SCALE: AS SHOWN
PLATE #: 5-2
UTAH REGISTERED PROFESSIONAL ENGINEER
#152606
R. Jay Marshall
REVISION DATE:
JAN 1999 WJ Dec 2004 RJM
NOV 1999 BHE June 2005 RJM
SEP 2000 BHE Dec 2005 RJM
DEC 2000 BJ
MAR 2001 BJ
Oct 2002 RJM
Dec 2003 RJM
AREA BETWEEN ROADS DISTURBED, BUT NO TOPSOIL STRIPPED.
20' EACH SIDE OF CONVEYOR DISTURBED, BUT NO TOPSOIL STRIPPED.
Projected Coal Outcrop
Rock Slopes
Topsoil Berm (Approximate Size and Location)
EXCESS BOULDERS COLLECTED DURING SITE GRADING AND CONSTRUCTION OF THE SURFACE FACILITIES WILL BE STORED HERE
Rock Storage Area
Mine Substation
Power Line Security
Non-Coal Waste Area
REFUSE PILE (COAL MINE WASTE)
Approximate Location
STRUCTURAL FILL
Equipment & Supplies Storage Area
Office Bathhouse Warehouse Parking
Mine Parking
Shop Warehouse
Septic Tank
Drain Field
Potable Water Tank
Process Water Tank
Water Treatment Plant
Bin 60' X 20'
Crusher
48" Conveyor
Truck Loadout
Coal Storage
Height 80'
Radius 114'
60" Conveyor
Slope Bottom
6' High Chain Link Fence
Existing County Road RS-2477 ROW Width of Disturbance
Proposed County Road
TOPSOIL ACCESS ROAD
TOPSOIL BERM
Topsoil Storage Area
Sediment Pond
TOPSOIL COLLECTED FROM ROAD AROUND TOPSOIL PILE WILL BE PLACED IN BERM
BERM 10' WIDE x 2' HIGH WITH 2:1 SIDE SLOPES
Portion of UC-1 Beneath County Road Will be Installed by the County and Left in Place After Reclamation
UNDISTURBED
DD-1
DD-2
DD-3
DD-4
DD-5
DD-6
DD-7
DD-8
DD-9
DD-10
DD-11
DD-12
DC-5
DC-6
DC-7
DC-8
DC-9
UC-1
401,000 N
400,000 N
2,325,000 E
2,326,000 E
2,327,000 E
R 14 E, T 16 S
Mine Facility List
1 Office/Bathhouse
2 Shop Warehouse
3 Security Shack
4 Mine Substation
5 Underground Power Lines
6 Water Treatment Plant
7 Potable Water Tank
8 Process Water tank
9 Sewer Tank
10 Drain Field
11 Ventilatin Fan
12 60" Conveyor Tunnels to Coal Stockpile
13 (ROM) Underground Belt from Stockpile to Crusher
14 48" Conveyor from Crusher to Loadout Bin
15 48" Conveyor from Loadout Bin to Truck Loadout
16 Reclaim Tunnel, Escape Tunnel, Fan and Fan House
17 (ROM) Storage Pile, Coal Stacking Tube
18 Crusher Screen Plant
19 Truck Scale and Loadout
20 Coal Loadout Storage Bin
21 Guardrails
22 Underground Pipes
23 Chain Link Fence
24 Non-Coal Waste Area
25 Equipment & Supplies Storage Area
26 Topsoil Pile
27 Refuse Pile
28 Sediment Pond
29 Slope Access Road/Portal Access Road
30 Rock Slopes
31 Mine Facilities Road/Truck Loadout Road
32 Office/Bathhouse/Warehouse Asphalt Parking Area
33 Mine Parking
34 Fuel Tanks
35 Powder and Cap Magazines
36 Culvert locations are shown on Plate 7-2
37 Coal Pile Road
LEGEND:
UNDISTURBED WITHIN THE DISTURBED AREA
DISTURBED AREA BOUNDARY:
NATURAL DRAINAGE:
6' HIGH CHAIN LINK FENCE
ROCK BARRIER:
INCIDENTAL ROCK DISTRIBUTION:
STREAM BUFFER ZONE SIGNS
STRUCTURAL FILL:
REFUSE PILE (COAL MINE WASTE):
TOPSOIL BERM:
NOTES:
(1) REFER TO PLATE 5-7A&B FOR CROSS-SECTIONS.