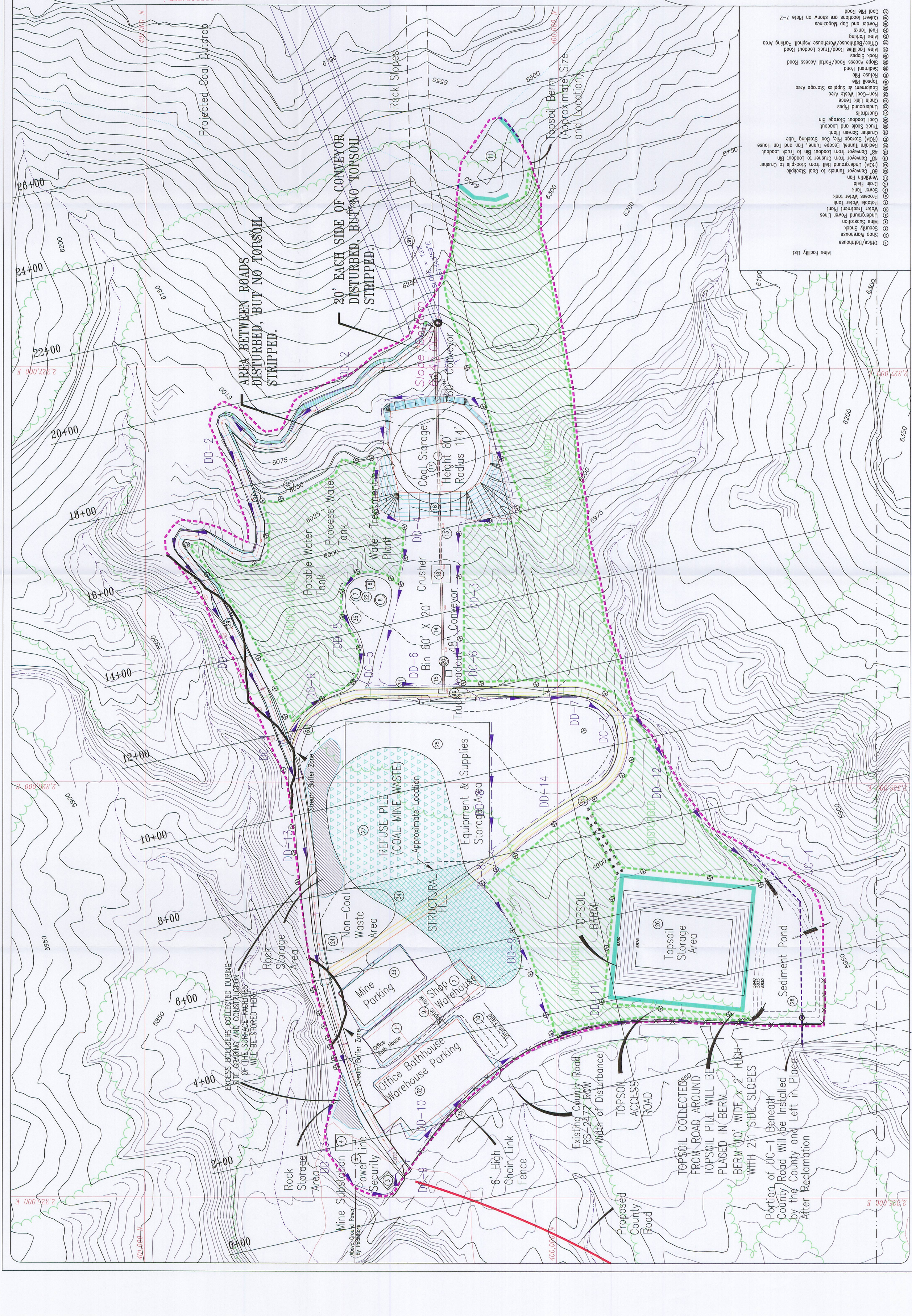
LEGEND:
UNDISTURBED WITHIN THE DISTURBED AREA
DISTURBED AREA BOUNDARY:
NATURAL DRAINAGE:
6' HIGH CHAIN LINK FENCE
ROCK BARRIER:
INCIDENTAL ROCK DISTRIBUTION:
STREAM BUFFER ZONE SIGNS
NOTES:
(1) REFER TO PLATE 5-7A&B FOR CROSS-SECTIONS.
STRUCTURAL FILL:
REFUSE PILE (COAL MINE WASTE):
TOPSOIL BERM:
Stream Buffer Zone
Ditch
Culvert
50' 0' 100' 200'
R 14 E, T 16 S
REVISION DATE:
DATE | BY | DATE | BY
JAN 1999 | WJ | Dec 2004 | RJM
NOV 1999 | BHE | June 2005 | RJM
SEP 2000 | BHE | Dec 2005 | RJM
DEC 2000 | BJ | Nov 2006 | TJS
MAR 2001 | BJ | Nov 2006 | RJM
Oct 2002 | RJM | Jun 2007 | RJM
Dec 2003 | RJM | March 2007 | TJS
RECEIVED
MAY 18 2007
Div. of Oil, Gas & Mining
R. Jay Marshall #152606 UTAH REGISTERED PROFESSIONAL ENGINEER
LILA CANYON MINE
SURFACE AREA
Official Disturbed Boundary Map
DATE: JUNE 1998 | DESIGNED BY: BLACKHAWK ENG.
SCALE: AS SHOWN | PLATE #: 5-2
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 Ventilation 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 Stocking 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
Projected Coal Outcrop
Rock Slopes
CONVEYOR TOPSOIL
AREA BETWEEN ROADS DISTURBED, BUT NO TOPSOIL STRIPPED.
20' EACH SIDE OF CONV DISTURBED, BUT NO TOP STRIPPED.
Slope Portal 6446.00
60" Conveyor
Coal Storage Height 80' Radius 114'
Topsoil Berm (Approximate Size and Location)
Process Water Tank
Potable Water Tank
Water Treatment Plant
Crusher
Bin 60' X 20'
48" Conveyor
Truck Loadout
Stream Buffer Zone
REFUSE PILE (COAL MINE WASTE)
Approximate Location
Equipment & Supplies Storage Area
STRUCTURAL FILL
TOPSOIL BERM
Topsoil Storage Area
Sediment Pond
Non-Coal Waste Area
Rock Storage Area
Mine Parking
Office Bath House
Shop Warehouse
Office Bathhouse Warehouse Parking
Dam Trail
Mine Substation
Above Ground Power By PacifiCorp
Power Line Security
Gate
6' High Chain Link Fence
Existing County Road RS-2477 ROW
Width of Disturbance
TOPSOIL ACCESS ROAD
Proposed County Road
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
EXCESS BOULDERS COLLECTED DURING SITE GRADING AND CONSTRUCTION OF THE SURFACE FACILITIES WILL BE STORED HERE
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 DD-13 DD-14
DC-1 DC-2 DC-3 DC-4 DC-5 DC-6 DC-7
26+00 24+00 22+00 20+00 18+00 16+00 14+00 12+00 10+00 8+00 6+00 4+00 2+00 0+00
400,000 N
2,327,000 E
2,326,000 E
2,325,000 E