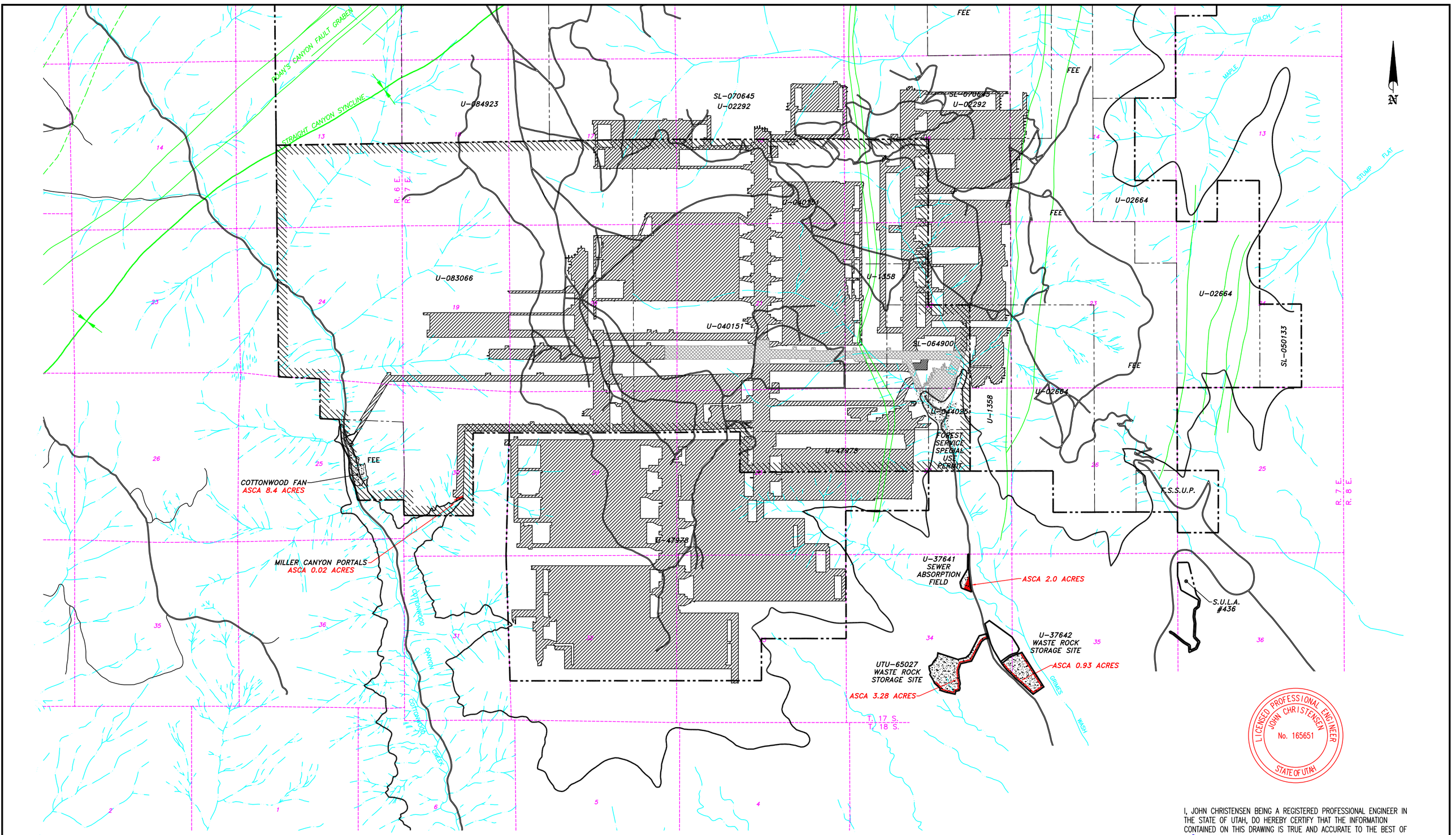

LICENSED PROFESSIONAL ENGINEER
JOHN CHRISTENSEN
No. 165651
STATE OF UTAH

I, JOHN CHRISTENSEN BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS DRAWING IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John Christensen 3/31/05

JOHN CHRISTENSEN NO. 165651 DATE

1 – 3

CAD FILE NAME/DISK#: JAZ\CW\CM-10370-WB.DWG

LEGEND

- PACIFICORP EAST MOUNTAIN PROPERTY BOUNDARY
- FEDERAL COAL LEASE BOUNDARY
- COTTONWOOD /WILBERG MINE PERMIT BOUNDARY LINE
- FAULT (DASHED WHERE INFERRED)
- U-083066 FEDERAL COAL LEASE NUMBER
- COAL OUTCROP
- ROADS
- DRAINAGE
- MINE WORKINGS BEFORE AUGUST 3, 1977
- MINE WORKINGS AFTER AUGUST 3, 1997
- DISTURBED AREA (SEE MAPS WS449D, VOL. 10: CM-10826-WB, VOL. 11: CM-10501-CP, APPENDIX VII: CM-10361-WB)

ALTERNATIVE SEDIMENT CONTROL AREAS

SEWER ABSORPTION FIELD (SEE DETAILED MAP 3-18)
PROPOSED COTTONWOOD FAN PORTAL (SEE DETAILED MAP 3-13, VOLUME 11)
OLD WASTE ROCK SITE B.L.M. RIGHT-OF-WAY U-37642 (SEE DETAILED MAP CM-10361-WB, APPENDIX VII)
GUARD STATION (SEE DETAILED MAP 3-16)
CONVEYOR BENT PAD (SEE DETAILED MAP 3-16)
TUBE CONVEYOR ACCESS ROAD (COTTONWOOD FACILITIES – SEE DETAILED MAP 3-16)
WILBERG MINE FAN (SEE DETAILED MAP 3-16)
WASTE ROCK FACILITY: BLM RIGHT-OF-WAY UTU-65027 (SEE DETAILED MAP 4-2, VOLUME 10)
MILLER CANYON PORTALS (SEE APPENDICE VOLUME: APPENDIX XXII)
DEER CREEK MINE 9TH EAST BREAKOUTS (SEE DETAILED MAP 3-16)

DATE	REVISIONS	BY	CHK.
1-13-03	REVISED PERMIT BOUNDARY	KJL	

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

COTTONWOOD/WILBERG COAL MINE
PERMIT AREA MAP

DRAWN BY: K. LARSEN
SCALE: 1" =2000'
DATE: NOVEMBER 28, 2000
DRAWING #: CM-10370-WB
SHEET 1 OF 1
REV. ___