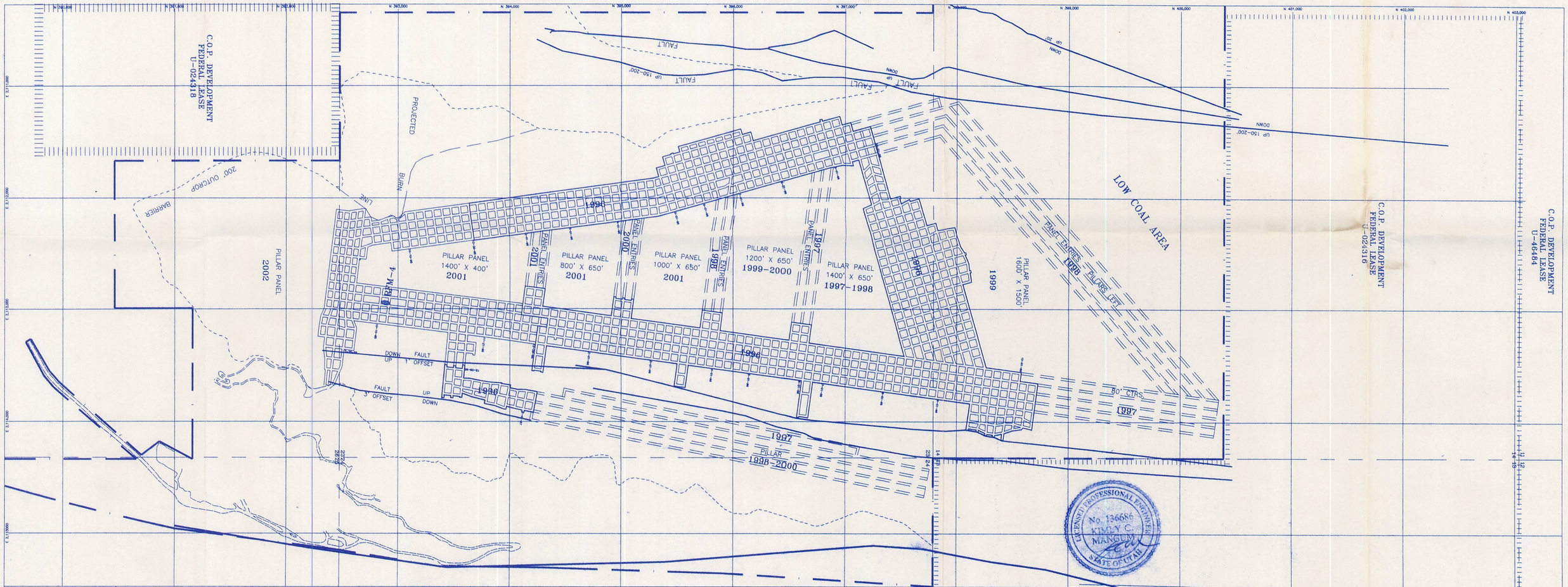
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-024318
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-024316
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-46484
PROJECTED BURN LINE
200' OUTCROP BARRIER
PILLAR PANEL
2002
PILLAR PANEL
1400' X 400'
2001
PILLAR PANEL
800' X 650'
2001
PILLAR PANEL
1000' X 650'
2001
PILLAR PANEL
1200' X 650'
1999-2000
PILLAR PANEL
1400' X 650'
1997-1998
PILLAR PANEL
1600' X 1500'
1999
PANEL ENTRIES
PILLARS LEFT
LOW COAL AREA
RFM-4
FAULT
UP 150-200'
DOWN
UP 20'
DOWN
UP 150-200'
DOWN
FAULT
UP
DOWN
1 OFFSET
3 OFFSET
80' CTRS.
1996
1997
1998
1999
PILLAR
1998-2000
LICENSED PROFESSIONAL ENGINEER
No. 136686
KIMLY C. MANGUM
STATE OF UTAH
LEGEND
MINE WORKINGS
PROJECTED MINING
PILLARED AREA
PERMIT BOUNDARY
LEASE BOUNDARY
COAL OUTCROP
ROOF, FLOOR, MIDSEAM SAMPLE LOCATIONS
RFM-1
N
TANK SEAM
STRIKE - N 22°25'
DIP 2.0%
CO-OP MINING CO.
BEAR CANYON-NO. 2 MINE
SCALE: 1" = 500'
DRAWN BY: C. Reynolds
DATE: 1-01-97
BEAR CANYON
PLATE 3-4C