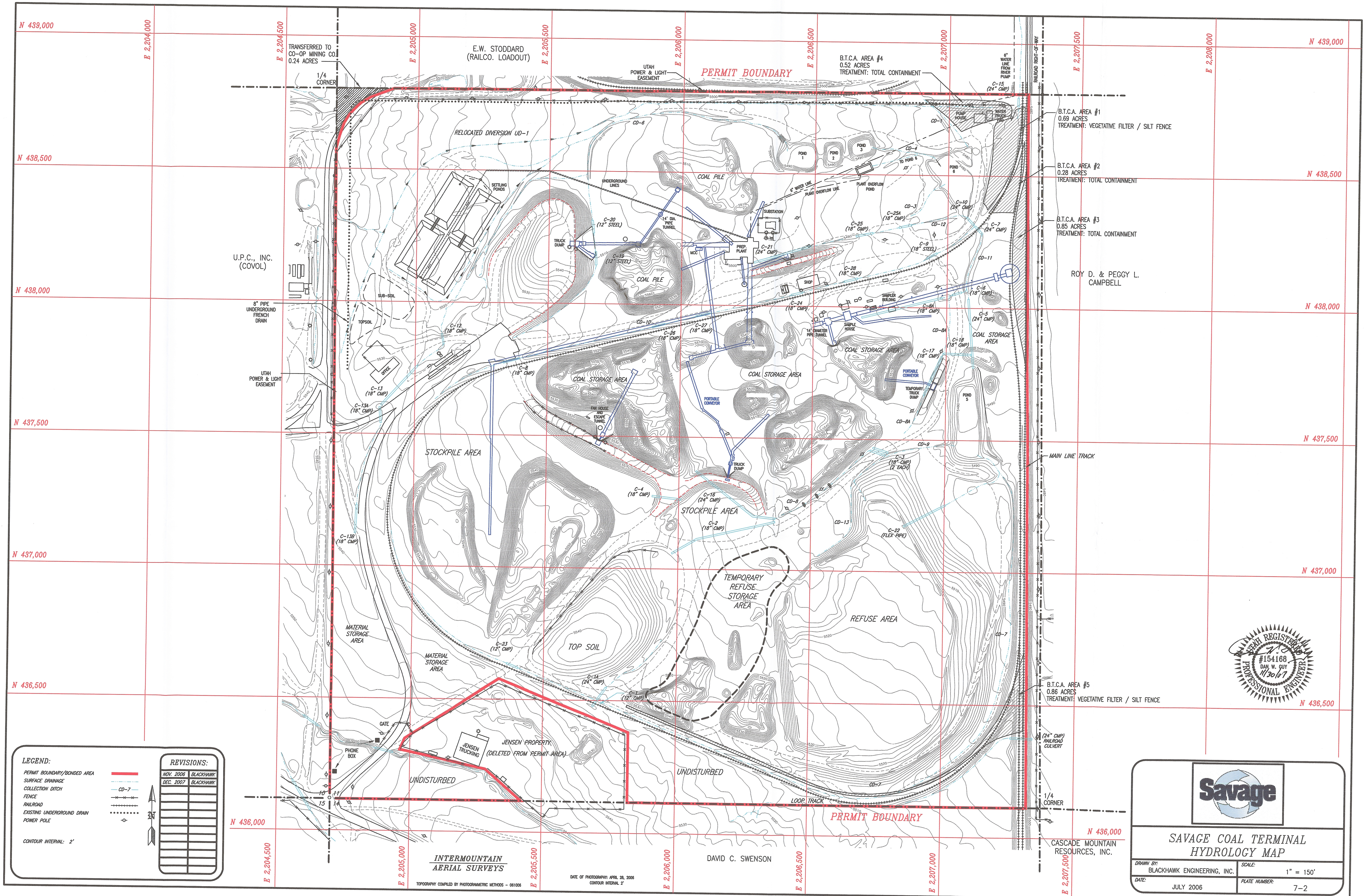
N 439,000
N 438,500
N 438,000
N 437,500
N 437,000
N 436,500
N 436,000
E 2,204,000
E 2,204,500
E 2,205,000
E 2,205,500
E 2,206,000
E 2,206,500
E 2,207,000
E 2,207,500
E 2,208,000
TRANSFERRED TO CO-OP MINING CO. 0.24 ACRES
1/4 CORNER
E.W. STODDARD (RAILCO. LOADOUT)
UTAH POWER & LIGHT EASEMENT
PERMIT BOUNDARY
B.T.C.A. AREA #4
0.52 ACRES
TREATMENT: TOTAL CONTAINMENT
6" WATER LINE FROM RIVER PUMP
RAILROAD RIGHT-OF-WAY
B.T.C.A. AREA #1
0.69 ACRES
TREATMENT: VEGETATIVE FILTER / SILT FENCE
B.T.C.A. AREA #2
0.28 ACRES
TREATMENT: TOTAL CONTAINMENT
B.T.C.A. AREA #3
0.85 ACRES
TREATMENT: TOTAL CONTAINMENT
B.T.C.A. AREA #5
0.86 ACRES
TREATMENT: VEGETATIVE FILTER / SILT FENCE
ROY D. & PEGGY L. CAMPBELL
U.P.C., INC. (COVOL)
RELOCATED DIVERSION UD-1
SETTLING PONDS
UNDERGROUND LINES
COAL PILE
POND 1
POND 2
POND 3
POND 6
POND 5
TO POND 6
6" WATER LINE
PLANT OVERFLOW LINE
PLANT OVERFLOW POND
PUMP HOUSE
WATER TRUCK FILL
SUBSTATION
14' DIA. PIPE TUNNEL
TRUCK DUMP
PREP. PLANT
MCC
SHOP
SAMPLER BUILDING
SAMPLE HOUSE
14' DIAMETER PIPE TUNNEL
COAL STORAGE AREA
PORTABLE CONVEYOR
TEMPORARY TRUCK DUMP
FAN HOUSE AND ESCAPE TUNNEL
8" PIPE UNDERGROUND FRENCH DRAIN
SUB-SOIL
TOPSOIL
OFFICE
STOCKPILE AREA
MAIN LINE TRACK
TEMPORARY REFUSE STORAGE AREA
REFUSE AREA
MATERIAL STORAGE AREA
TOP SOIL
JENSEN PROPERTY (DELETED FROM PERMIT AREA)
JENSEN TRUCKING
GATE
PHONE BOX
UNDISTURBED
LOOP TRACK
(24" CMP) RAILROAD CULVERT
1/4 CORNER
CASCADE MOUNTAIN RESOURCES, INC.
DAVID C. SWENSON
C-15 (24" CMP)
C-10 (24" CMP)
C-7 (24" CMP)
C-25A (18" CMP)
C-25 (18" CMP)
C-9 (18" STEEL)
C-20 (12" STEEL)
C-19 (12" STEEL)
C-21 (24" CMP)
C-28 (18" CMP)
C-6 (18" CMP)
C-6A (18" CMP)
C-5 (24" CMP)
C-24 (18" CMP)
C-12 (18" CMP)
C-27 (18" CMP)
C-16 (18" CMP)
C-18 (18" CMP)
C-17 (18" CMP)
C-8 (18" CMP)
C-13 (18" CMP)
C-13A (18" CMP)
C-3 (18" CMP) (2 EACH)
C-4 (18" CMP)
C-16 (24" CMP)
C-2 (18" CMP)
C-22 (FLEX PIPE)
C-13B (18" CMP)
C-23 (12" CMP)
C-1A (24" CMP)
C-1 (12" CMP)
CD-1
CD-3
CD-4
CD-6
CD-7
CD-8
CD-8A
CD-9
CD-10
CD-11
CD-12
CD-13
LEGEND:
PERMIT BOUNDARY/BONDED AREA
SURFACE DRAINAGE
COLLECTION DITCH CD-7
FENCE
RAILROAD
EXISTING UNDERGROUND DRAIN
POWER POLE
CONTOUR INTERVAL: 2'
REVISIONS:
NOV. 2006 BLACKHAWK
DEC. 2007 BLACKHAWK
INTERMOUNTAIN AERIAL SURVEYS
TOPOGRAPHY COMPILED BY PHOTOGRAMMETRIC METHODS – 061006
DATE OF PHOTOGRAPHY: APRIL 28, 2006
CONTOUR INTERVAL 2'
UTAH REGISTERED #154168 DAN W. GUY 11/30/07 PROFESSIONAL ENGINEER
Savage
SAVAGE COAL TERMINAL
HYDROLOGY MAP
DRAWN BY: BLACKHAWK ENGINEERING, INC.
SCALE: 1" = 150'
DATE: JULY 2006
PLATE NUMBER: 7-2