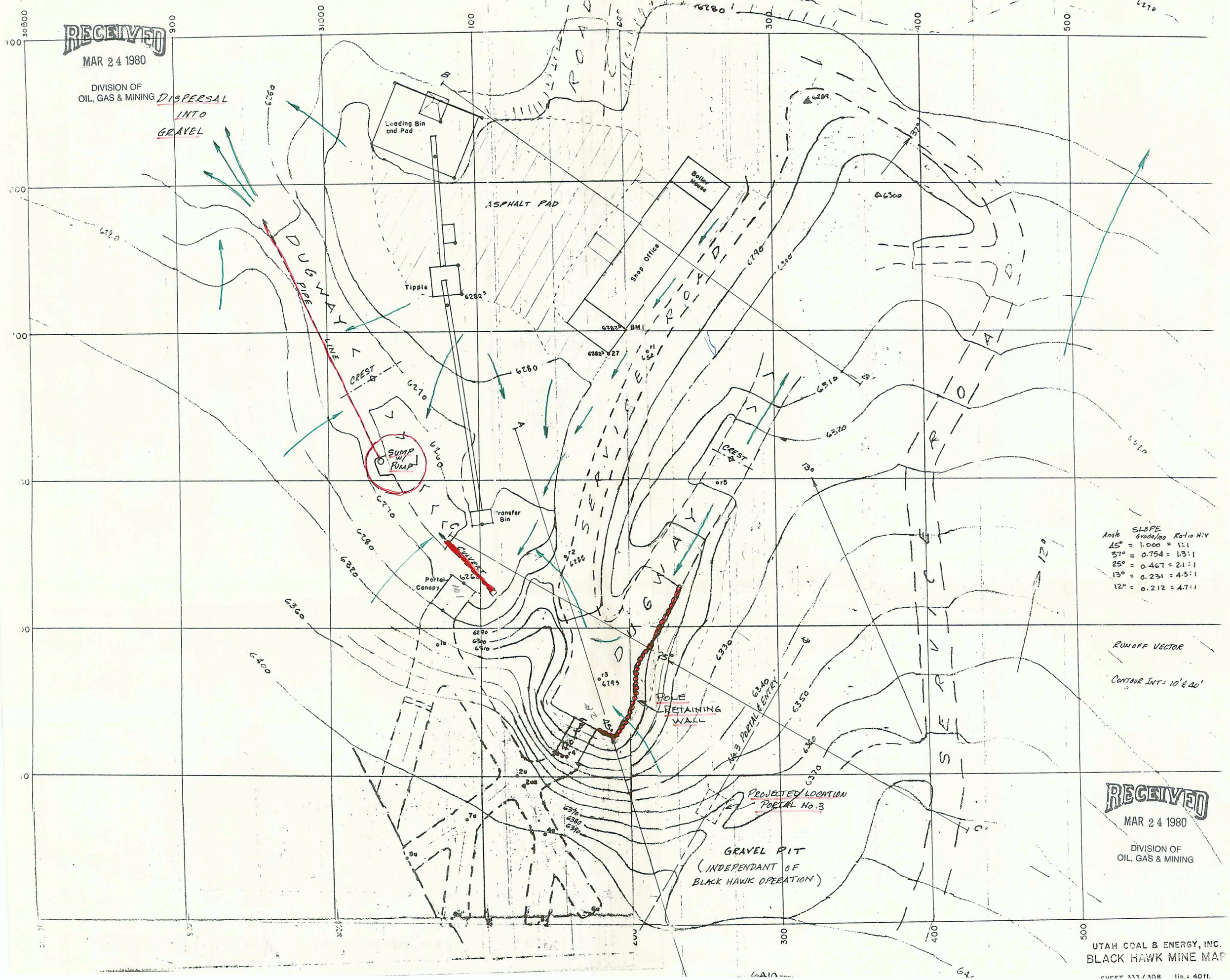
RECEIVED
MAR 24 1980
DIVISION OF
OIL, GAS & MINING
DISPERSAL INTO GRAVEL
Loading Bin and Pad
ASPHALT PAD
Boiler House
Shop Office
Tipple
BM 1
DUGWAY
PIPE LINE
CREST
SUMP w/ PUMP
Transfer Bin
CULVERT
Portal Canopy
POLE RETAINING WALL
No. 3 PORTAL & ENTRY
PROJECTED LOCATION PORTAL No. 3
GRAVEL PIT
(INDEPENDANT OF BLACK HAWK OPERATION)
Angle SLOPE Grade/100 Ratio H:V
45° = 1.000 = 1:1
37° = 0.754 = 1.3:1
25° = 0.467 = 2.1:1
13° = 0.231 = 4.3:1
12° = 0.212 = 4.7:1
RUNOFF VECTOR
CONTOUR INT = 10' & 40'
RECEIVED
MAR 24 1980
DIVISION OF
OIL, GAS & MINING
UTAH COAL & ENERGY, INC.
BLACK HAWK MINE MAP
SHEET 333/308 lin.= 40ft.