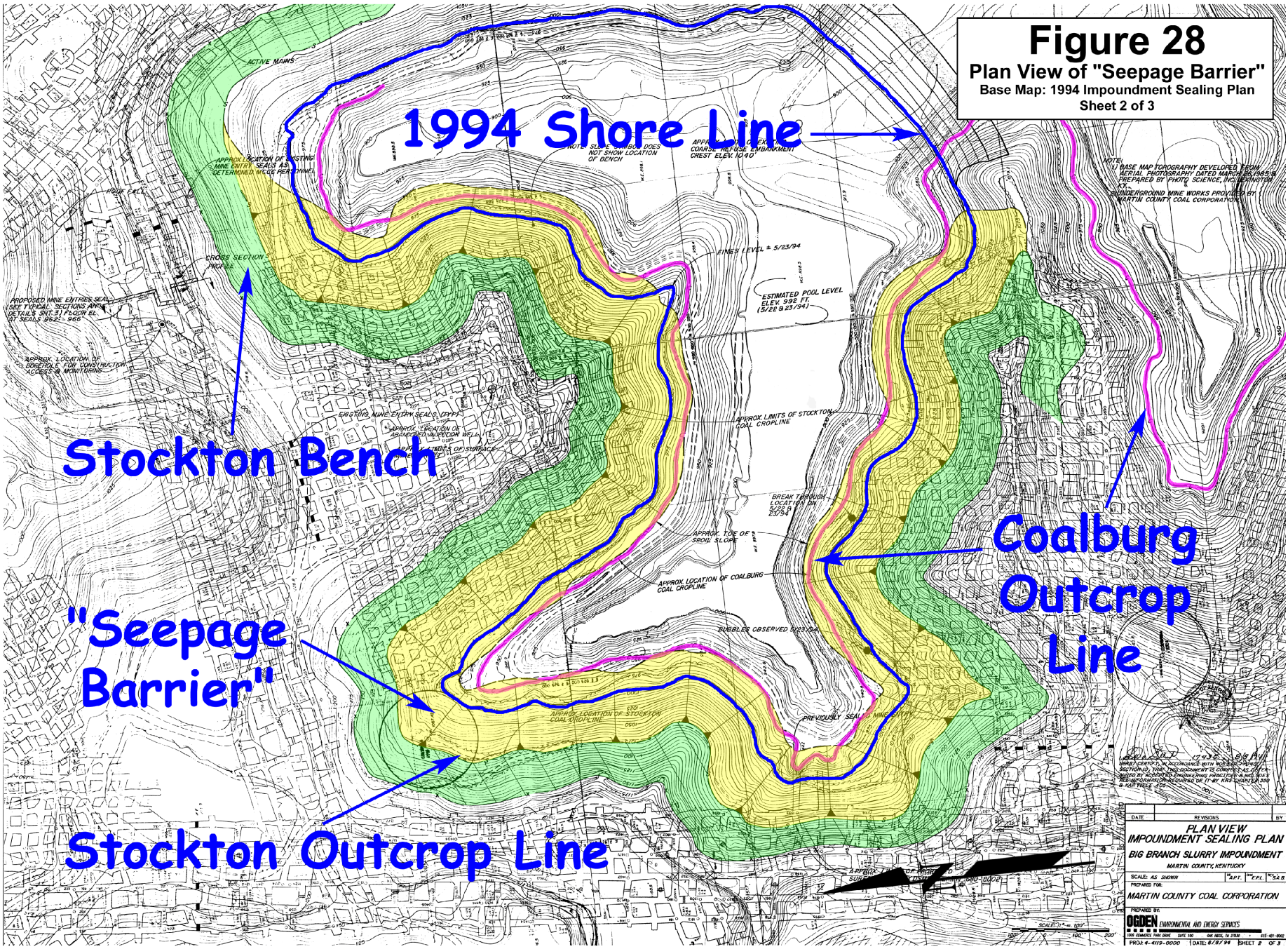


Figure 28
Plan View of "Seepage Barrier"
 Base Map: 1994 Impoundment Sealing Plan
 Sheet 2 of 3



NOTES:
 1) BASE MAP TOPOGRAPHY DEVELOPED FROM AERIAL PHOTOGRAPHY DATED MARCH 1988 AND PREPARED BY PHOTO SCIENCE, INC. IN THE CITY OF MARTIN COUNTY, KENTUCKY.
 2) UNDERGROUND MINE WORKS PROVIDED BY MARTIN COUNTY COAL CORPORATION.

DATE	REVISIONS	BY

PLAN VIEW IMPOUNDMENT SEALING PLAN
BIG BRANCH SLURRY IMPONDMENT
 MARTIN COUNTY, KENTUCKY

SCALE: AS SHOWN "AFT" "EPL" "S&E"

PREPARED FOR:
MARTIN COUNTY COAL CORPORATION

PREPARED BY:
OGDEN ENVIRONMENTAL AND ENERGY SERVICES

PROJ # 4119-0000 DATE: 6/27/94 SHEET 2 OF 3

Figure 29 Typical "Seepage Barrier"

Base Map: 1994 Impoundment Sealing Plan
Sheet 3 of 3

Note: The portion of this drawing which details mine seal specifications has been removed for clarity.

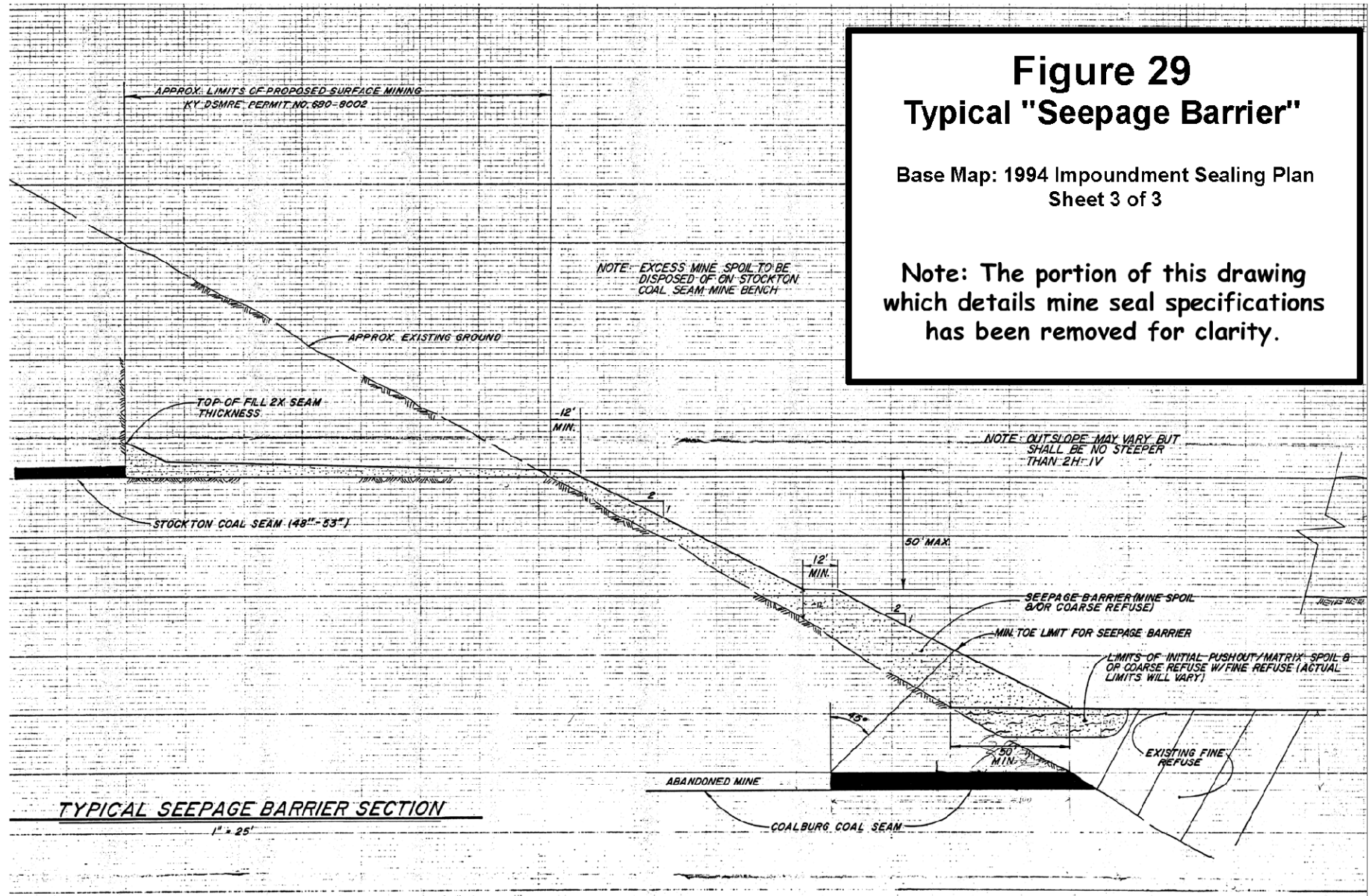
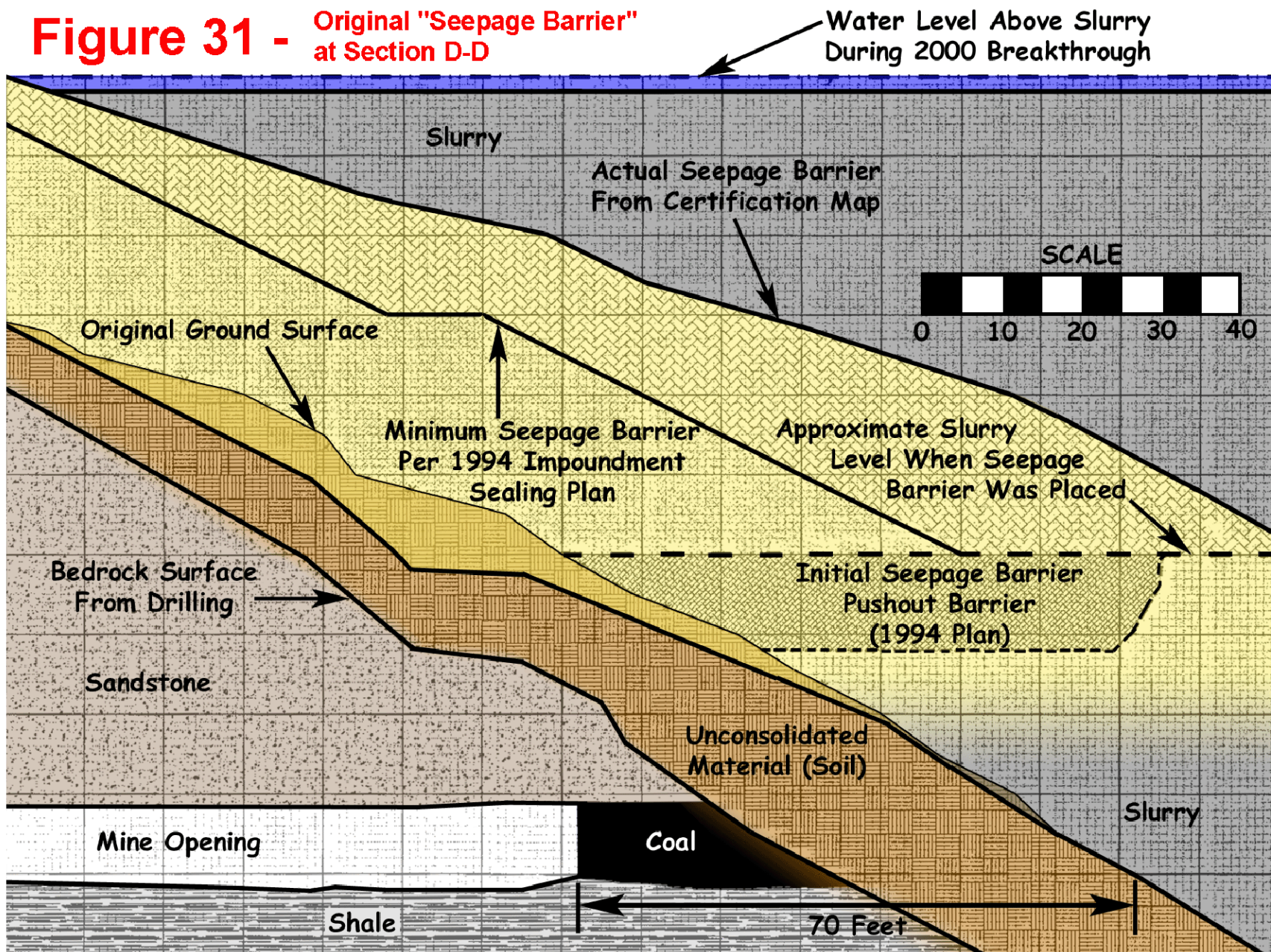




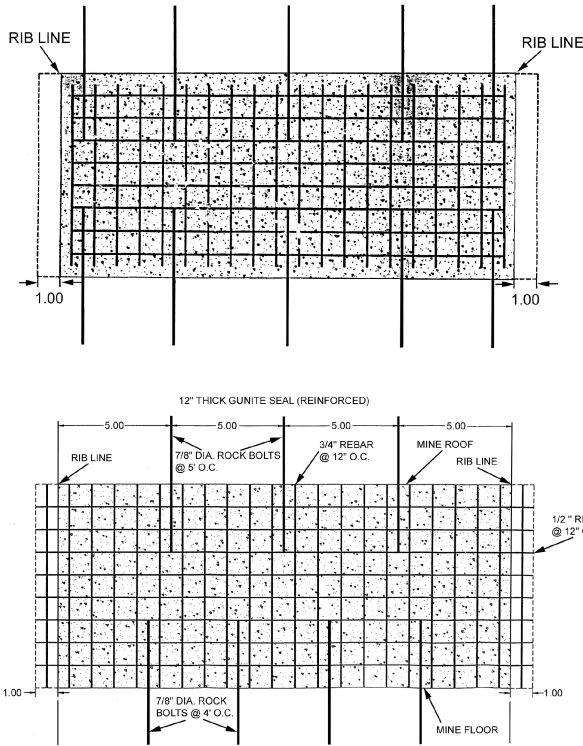
Figure 30
Construction of
"Seepage Barrier"

Figure 31 - Original "Seepage Barrier" at Section D-D

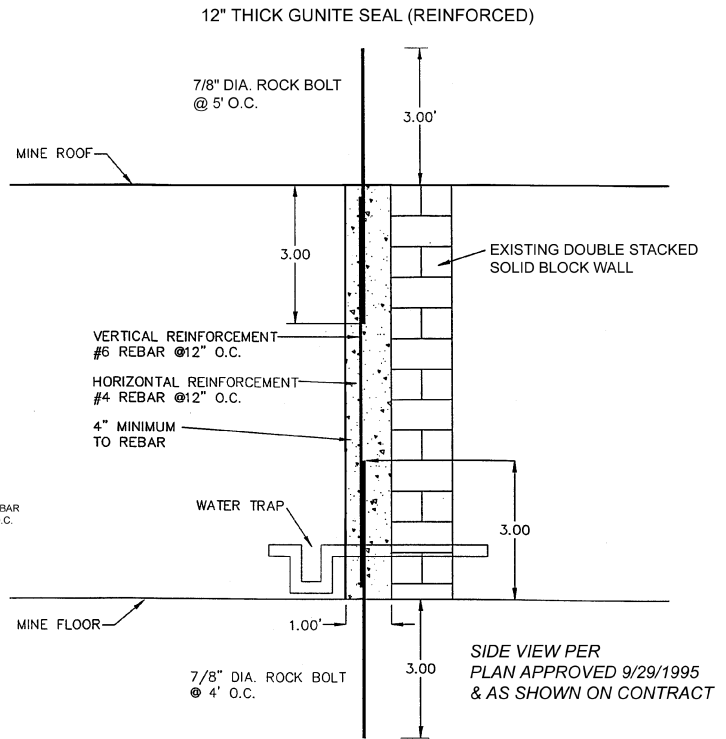


SEAL DESIGN PER PLAN APPROVED 9/29/1995

Design Specifications for
1st Left off the No. 2 North Mains Seals
Approved vs Contract Specifications



SEAL DESIGN PER CONTRACT WITH H & B ENTERPRISES, INC.



SIDE VIEW PER
PLAN APPROVED 9/29/1995
& AS SHOWN ON CONTRACT

Figure 32

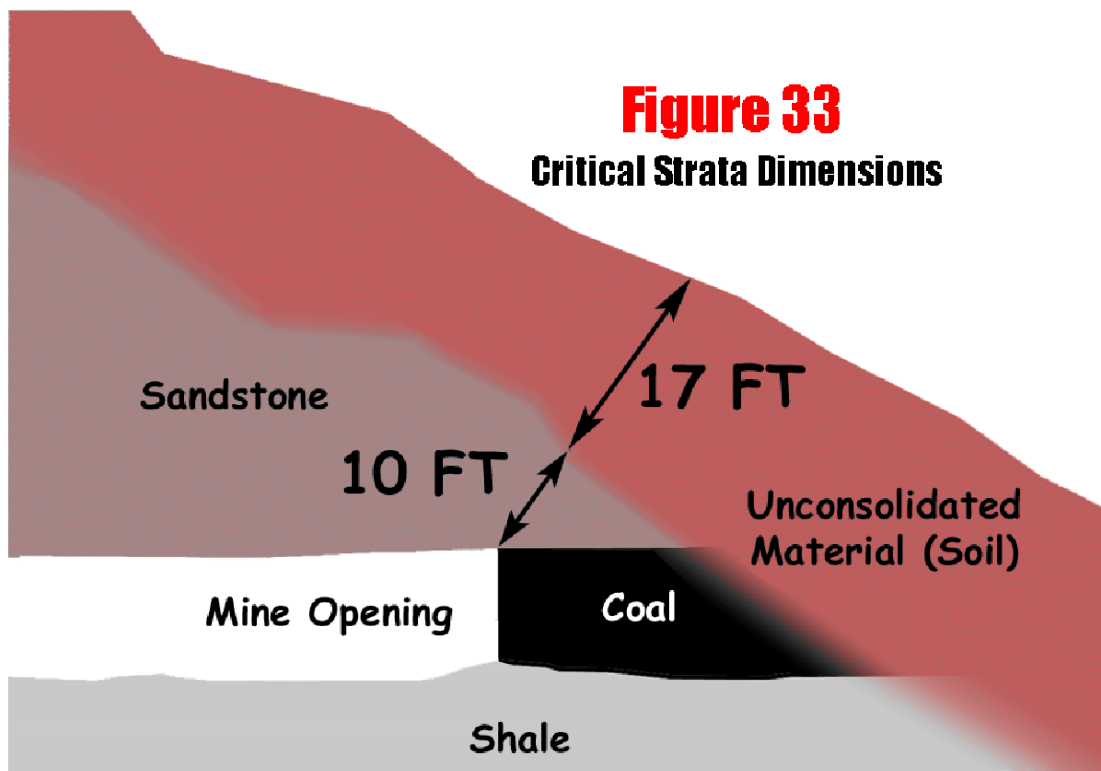


Figure 33

Critical Strata Dimensions