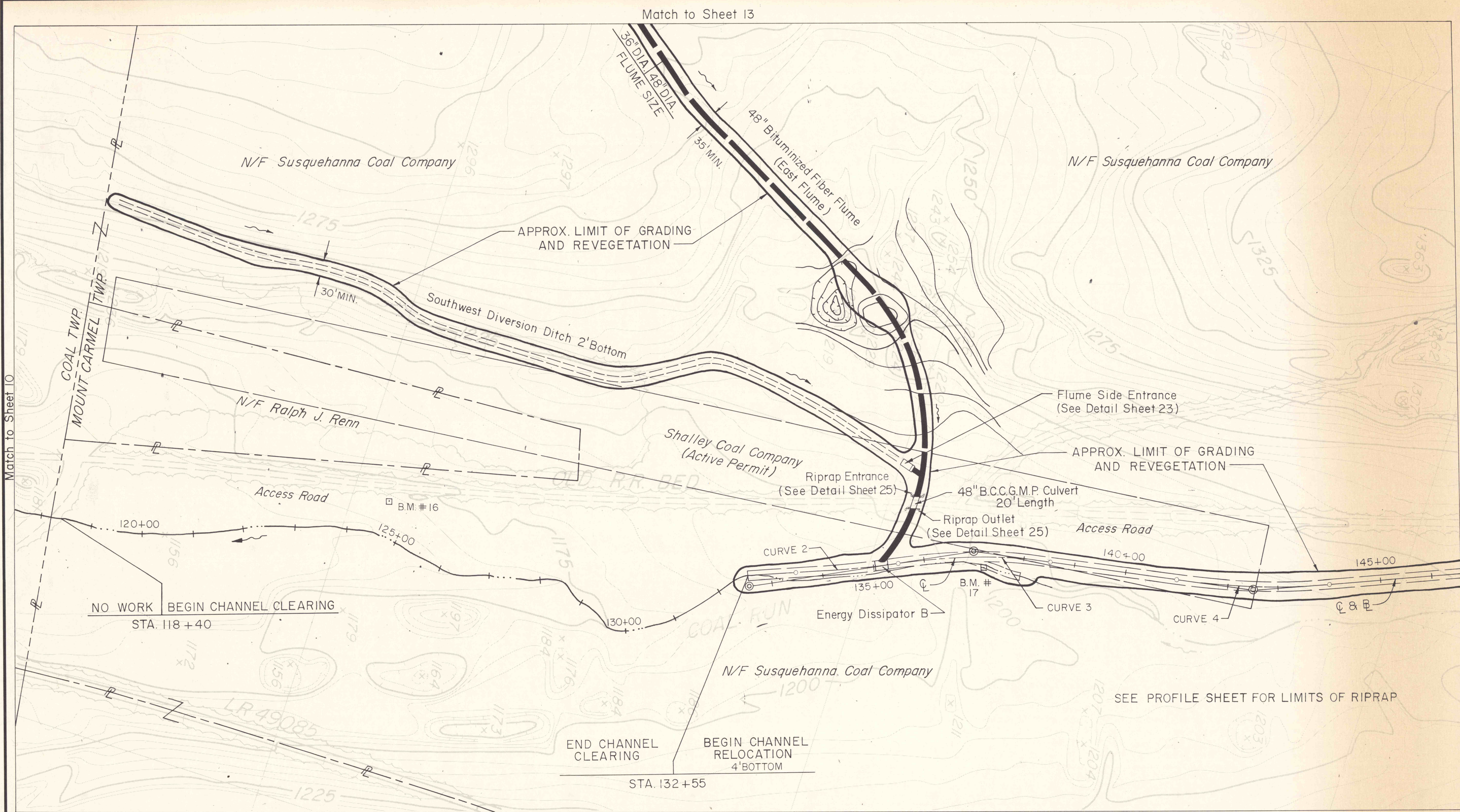


B.M. # 16 Elevation 1189.70
Spike & Washers in top of 6" Oak Stump

B.M. # 17 Elevation 1213.53
Spike & Washers in top of 10" Oak Stump



Match to Sheet 10

Match to Sheet 13

Match to Sheet 16

CURVE 2	CURVE 3	CURVE 4
PC Sta. 133+48 E, 12' Lt.	PC Sta. 135+49 E & C	PC Sta. 140+97.00 E & C
PT. Sta. 135+48 E & C	PT. Sta. 138+52 E & C	PT. Sta. 143+99.00 E & C
T = 100.1'	T = 151.5'	T = 150.8'
Δ = 5°30'	Δ = 16°	Δ = 12°
R = 2083.7'	R = 1075.4'	R = 1432.7'

NO	DATE	REVISION	APPR.

SUBMITTED _____

PROFESSIONAL _____

APPROVED _____

CHIEF - DIVISION OF MINE RECLAMATION _____

APPROVED _____

DIRECTOR - BUREAU OF DESIGN _____

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT

PROJECT NO. SL 113-5-1

MINE DRAINAGE POLLUTION ABATEMENT
COAL RUN
SHAMOKIN CREEK WATERSHED
NORTHUMBERLAND COUNTY, PA.

ERDMAN, ANTHONY, ASSOCIATES
Consulting Engineers
Camp Hill, Pa. Rochester, N.Y.

PLAN

DRAWN BY: GMS DATE: DRAWING NO.:

CHECKED BY: SCALE: 1" = 100' 11 of 26