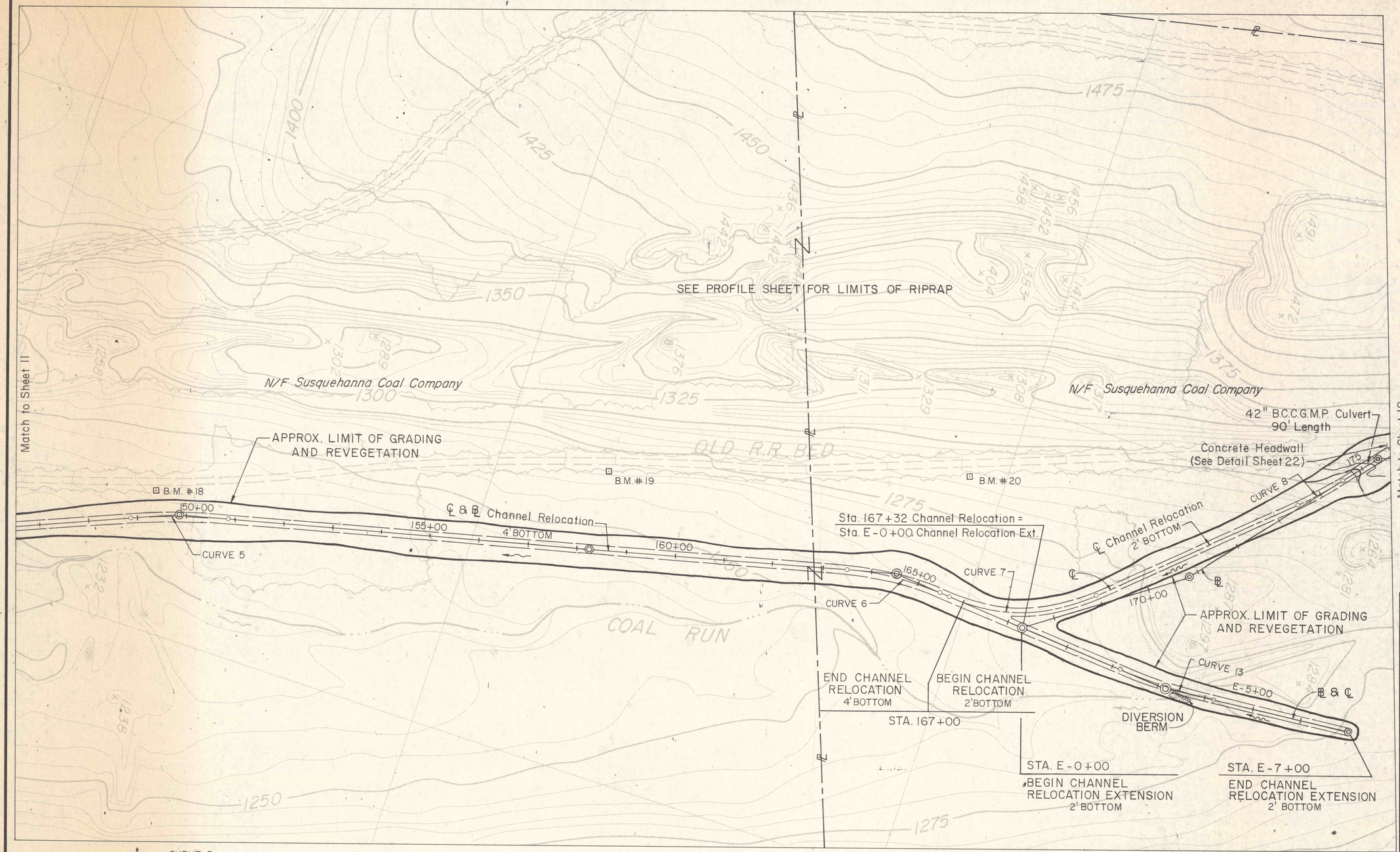

B.M. # 18 Elevation 1246.70
Spike & Washers in top of 12" Oak Stump

B.M. # 19 Elevation 1271.51
Spike & Washers in top of 8" Birch Stump

B.M. # 20 Elevation 1294.83
Spike & Washers in top of 4" Maple Stump

CURVE 5
P.C. Sta. 148+82 ⅊ & ℄
P.T. Sta. 150+82 ⅊ & ℄
T = 100.30'
Δ = 9°
R = 1273.2'

CURVE 6
P.C. Sta. 163+49 ⅊ & ℄
P.T. Sta. 165+51 ⅊ & ℄
T = 101.10'
Δ = 16°30'
R = 695.1'

CURVE 7
P.C. Sta. 165+68 ⅊ & ℄
P.T. Sta. 168+92 ⅊, 19' LT.
T = 162.4'
Δ = 45°
R = 383.1'

CURVE 8
P.C. Sta. 173+50 ⅊, 8' LT.
P.T. Sta. 174+50 ⅊ & ℄
T = 50.23'
Δ = 11°
R = 522'

CURVE 13
P.C. Sta. E-2+18 ⅊ & ℄
P.T. Sta. E-4+18 ⅊ & ℄
T = 100.3'
Δ = 8°24'
R = 1364.5'

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	DATE	DRAWING NO.
GMS		16 of 26
CHECKED BY	SCALE 1" = 100'	