EAST CAMERON TOWNSHIP

COAL TOWNSHIP

MOUNT CARMEL TOWNSHIP

EAST CAMERON TOWNSHIP

KODIAK COAL COMPANY, INC.

SURFACE WATER DIVERSION DITCH "A"

STA. 6+90 END FLUME "A"
STA. 0+00 BEGIN SURFACE WATER DIVERSION DITCH "A"

FOR HEADWALL SEE DETAIL M SHEET 21

FLUME "A"

SELECT MATERIAL SHALL BE OBTAINED FROM THIS LOCATION FOR REFUSE AREA RESTORATION

STA. 188+65.12 STREAM CHANNEL
STA. 0+00 BEGIN FLUME "A"

FOR TRANSITION SEE DETAIL I SHEET 20

FOR TRANSITION SEE DETAIL J SHEET 20

FOR HEADWALL SEE DETAIL M SHEET 21

FLUME "B"

STA. 190+05.12 END STREAM CHANNEL
STA. 0+00 BEGIN FLUME "B"

KODIAK COAL COMPANY, INC.

STA. 164+00

MATCH LINE

STA. 32+75 END SURFACE WATER DIVERSION DITCH "A"

STA. 19+90 SURFACE WATER DIVERSION DITCH "C"

FOR TRANSITION SEE DETAIL K SHEET 20

CHANNEL

STA. 4+30 END FLUME "B"
BEGIN UNLINED CHANNEL

STA. 6+70 UNLINED CHANNEL
STA. 0+00 SURFACE WATER DIVERSION DITCH "B"

KODIAK COAL COMPANY, INC.

KODIAK COAL COMPANY, INC.

UNLINED

FOR TRANSITION SEE DETAIL L SHEET 20

STA. 17+40 END UNLINED CHANNEL
BEGIN FLUME "C"

FLUME "C"

FOR HEADWALL SEE DETAIL M SHEET 21

FOR TRANSITION SEE DETAIL N SHEET 21

SURFACE WATER DIVERSION DITCH "C"

SURFACE WATER DIVERSION DITCH "B"

STA. 24+60 SURFACE WATER DIVERSION DITCH "B"

STA. 0+10 SURFACE WATER DIVERSION DITCH "D"
STA. 0+00 SURFACE WATER DIVERSION DITCH "C"

STA. 21+15 END FLUME "C"
STA. 0+00 SURFACE WATER DIVERSION DITCH "D"

STA. 14+90 SURFACE WATER DIVERSION DITCH "D"

SURFACE WATER DIVERSION DITCH "D"

(N)

(27) P.I. 166+63.45 BK. = 166+59.07 AHD.
Δ= 28° 30' LT.
R= 379.82'
T= 100.00'
L= 195.62'
P.C. 165+63.45
P.T. 167+59.07

(28) P.I. 175+84.07 BK. = 175+77.76 AHD.
Δ= 35° 00' RT.
R= 317.16'
T= 100.00'
L= 193.69'
P.C. 174+84.07
P.T. 176+77.76

(29) P.I. 180+37.76 BK. = 180+36.48 AHD.
Δ= 15° 30' LT.
R= 734.81'
T= 100.00'
L= 198.72'
P.C. 179+37.76
P.T. 181+36.48

LEGEND

- STREAM CHANNEL
- FLUME
- SURFACE WATER DIVERSION DITCH
- LIMIT OF GRADING AND LIMIT OF REVEGETATION
- LIMIT OF CONTRACTOR'S WORKING AREA
- APPROXIMATE LOCATION OF TOWNSHIP LINES
- APPROXIMATE LOCATION OF PROPERTY LINES
- EXISTING ACCESS ROAD
- (28) LOCATION OF P.I. CURVE DATA SHOWN ON THIS SHEET

NOTES:
1. CONTOURS ARE APPROXIMATE, BASED ON AERIAL PHOTOGRAPHY DATED 1966-1967.
2. THE PROPERTY LINES SHOWN ON THIS DRAWING REFLECT THE ACCURACY OR INACCURACIES OF THE DEEDS OF RECORD AND ARE TO BE USED FOR LOCATION PURPOSES ONLY.

NO.	DATE	REVISION	APPR.

SUBMITTED
PROFESSIONAL

APPROVED
CHIEF - DIVISION OF MINE RECLAMATION

APPROVED
DIRECTOR - BUREAU OF DESIGN

REGISTERED PROFESSIONAL ENGINEER
DATE

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT

CONTRACT NO SL 113-4-1

MINE DRAINAGE POLLUTION ABATEMENT
LOCUST CREEK
SHAMOKIN CREEK WATERSHED
NORTHUMBERLAND COUNTY
PENNSYLVANIA

GANNETT FLEMING CORDDRY & CARPENTER, INC.
Consulting Engineers
P.O. BOX 1963 HARRISBURG, PA

PLAN
PROJECT AREA

DRAWN BY	DATE	DRAWING NO
D.W.W.		5 of 21
CHECKED BY R.C.L.	SCALE 1" = 200'	