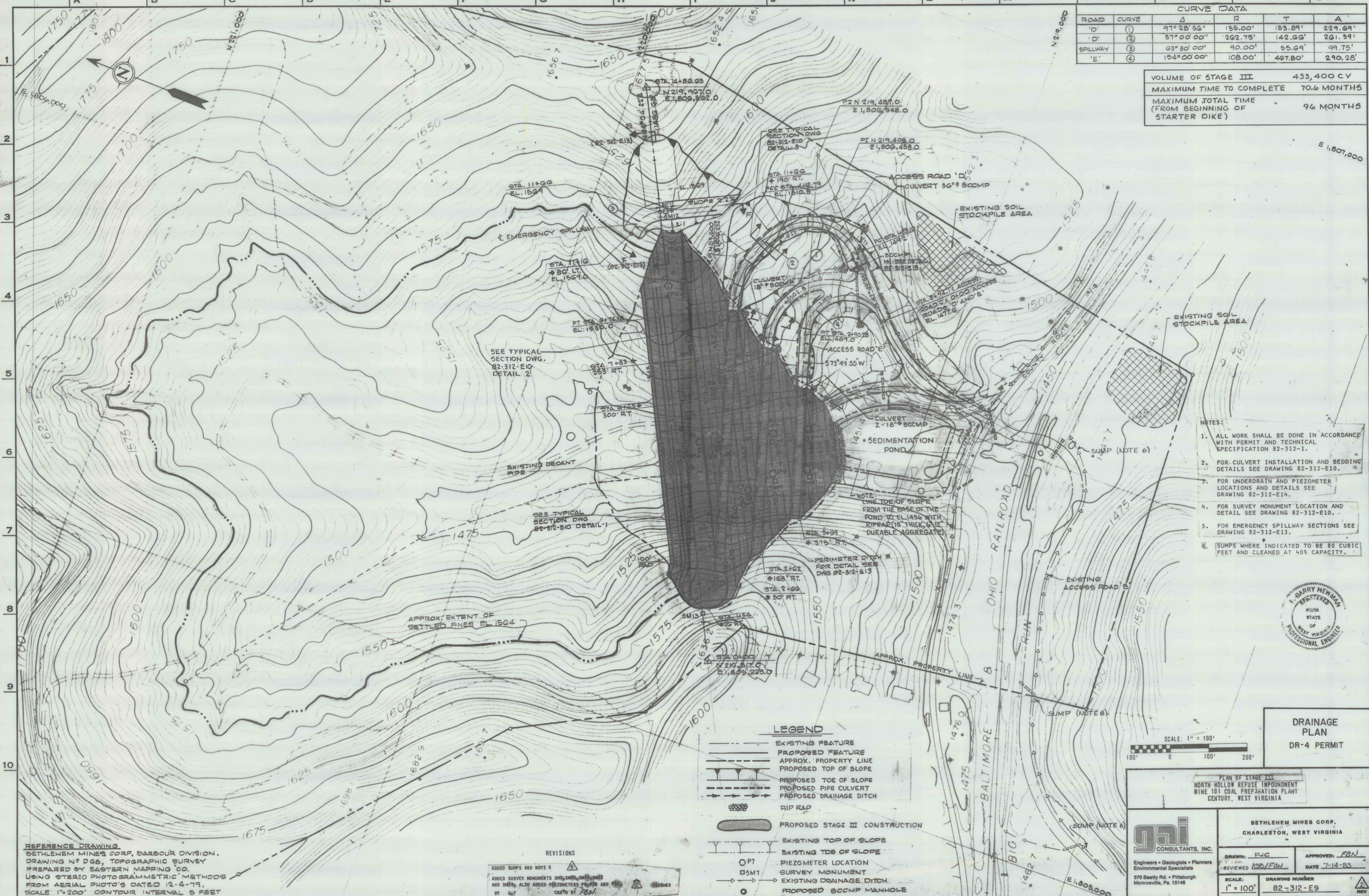


CURVE DATA					
ROAD	CURVE	Δ	R	T	A
'D'	①	97° 28' 56"	135.00'	153.89'	229.69'
'D'	②	57° 00' 00"	262.75'	142.66'	261.39'
SPILLWAY	③	63° 30' 00"	90.00'	55.69'	99.75'
'E'	④	154° 00' 00"	108.00'	467.80'	290.28'

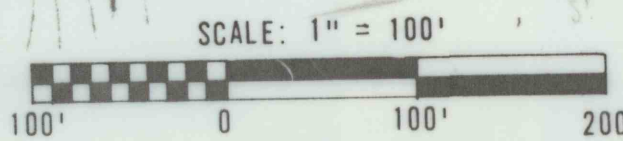
VOLUME OF STAGE III	433,400 CY
MAXIMUM TIME TO COMPLETE	70.6 MONTHS
MAXIMUM TOTAL TIME (FROM BEGINNING OF STARTER DIKE)	96 MONTHS



- NOTES:
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH PERMIT AND TECHNICAL SPECIFICATION 82-312-1.
 2. FOR CULVERT INSTALLATION AND BEDDING DETAILS SEE DRAWING 82-312-E10.
 3. FOR UNDERDRAIN AND PIEZOMETER LOCATIONS AND DETAILS SEE DRAWING 82-312-E14.
 4. FOR SURVEY MONUMENT LOCATION AND DETAIL SEE DRAWING 82-312-E10.
 5. FOR EMERGENCY SPILLWAY SECTIONS SEE DRAWING 82-312-E13.
 6. SUMPS WHERE INDICATED TO BE 80 CUBIC FEET AND CLEANED AT 40% CAPACITY.



- LEGEND**
- EXISTING FEATURE
 - PROPOSED FEATURE
 - - - - - APPROX. PROPERTY LINE
 - PROPOSED TOP OF SLOPE
 - PROPOSED TOE OF SLOPE
 - PROPOSED PIPE CULVERT
 - PROPOSED DRAINAGE DITCH
 - RIP RAP
 - PROPOSED STAGE III CONSTRUCTION
 - EXISTING TOP OF SLOPE
 - EXISTING TOE OF SLOPE
 - P1 PIEZOMETER LOCATION
 - SM1 SURVEY MONUMENT
 - EXISTING DRAINAGE DITCH
 - PROPOSED BCCMP MANHOLE



DRAINAGE PLAN
DR-4 PERMIT

PLAN OF STAGE III
NORTH HOLLOW REFUSE IMPOUNDMENT
MINE 101 COAL PREPARATION PLANT
CENTURY, WEST VIRGINIA

 Engineers • Geologists • Planners Environmental Specialists 570 Beatty Rd. • Pittsburgh Monroeville, Pa. 15146	BETHLEHEM MINES CORP. CHARLESTON, WEST VIRGINIA	
	DRAWN: FJC REVIEWED: ASB/FJN	APPROVED: FJN DATE: 7-14-83
SCALE: 1" = 100'	DRAWING NUMBER 82-312-E9	

REFERENCE DRAWING
BETHLEHEM MINES CORP. BARBOUR DIVISION,
DRAWING N° DGB, TOPOGRAPHIC SURVEY
PREPARED BY EASTERN MAPPING CO.
USING STEREO PHOTOGRAMMETRIC METHODS
FROM AERIAL PHOTO'S DATED 12-4-79,
SCALE 1"=200' CONTOUR INTERVAL 5 FEET

REVISIONS

ADDED SUMPS AND NOTE 6
ADDED SURVEY MONUMENTS SM1, SM2, SM3, SM4
AND SM5. ALSO ADDED PIEZOMETERS P1 AND P2.
BY GAT CHK'D BY FJN