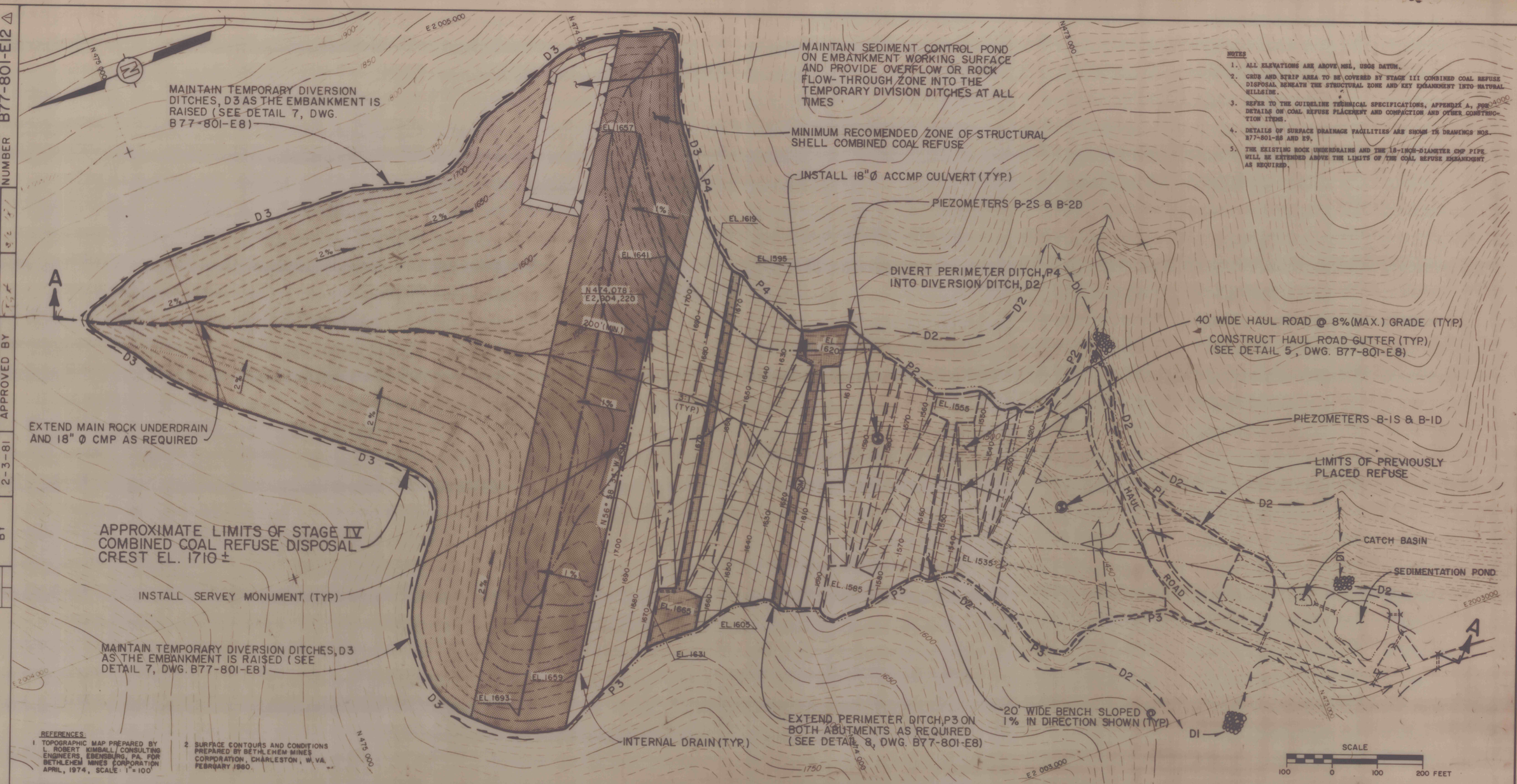
B77-801-E5, E10, F11, E12 & E16/023

DRAWING NUMBER	B77-801-E12 △
CHECKED BY	
APPROVED BY	
RGN	2-3-81
DRAWN BY	
23	23

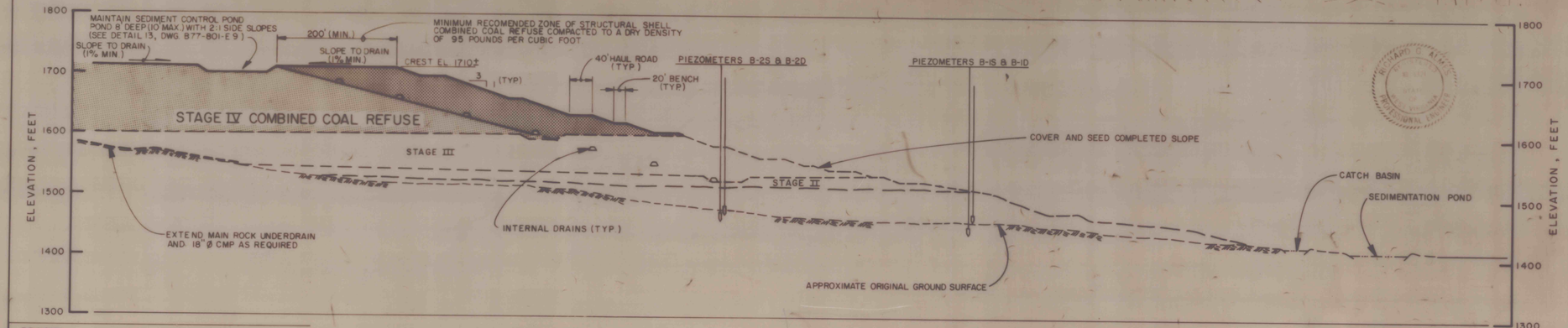


NOTES

1. ALL ELEVATIONS ARE ABOVE MSL, USGS DATUM.
2. GRUB AND STRIP AREA TO BE COVERED BY STAGE III COMBINED COAL REFUSE DISPOSAL BENEATH THE STRUCTURAL ZONE AND KEY EMBANKMENT INTO NATURAL HILLSIDE.
3. REFER TO THE GUIDELINE TECHNICAL SPECIFICATIONS, APPENDIX A, FOR DETAILS ON COAL REFUSE PLACEMENT AND COMPACTION AND OTHER CONSTRUCTION ITEMS.
4. DETAILS OF SURFACE DRAINAGE FACILITIES ARE SHOWN IN DRAWINGS NOS. B77-801-E8 AND E9.
5. THE EXISTING ROCK UNDERDRAINS AND THE 18-INCH-DIAMETER CMP PIPE WILL BE EXTENDED ABOVE THE LIMITS OF THE COAL REFUSE EMBANKMENT AS REQUIRED.

REFERENCES:

1. TOPOGRAPHIC MAP PREPARED BY L. ROBERT KIMBALL, CONSULTING ENGINEERS, EBENSBURG, PA. FOR BETHLEHEM MINES CORPORATION APRIL, 1974, SCALE: 1" = 100'
2. SURFACE CONTOURS AND CONDITIONS PREPARED BY BETHLEHEM MINES CORPORATION, CHARLESTON, W. VA. FEBRUARY 1980.



SECTION A-A

REVISION

△ MODIFIED SURFACE DRAINAGE FACILITIES D1, D2 & P4, AND STILLING AREAS

DRAWING NO.	SHEET NO.	FIGURE NO.
B77-801-E12	6 of 12	10

STAGE IV

COAL REFUSE DISPOSAL FACILITY
MINE NO. 81
BETHLEHEM MINES CORPORATION
DRENNEN, WEST VIRGINIA

PREPARED FOR

BETHLEHEM MINES CORPORATION
NICHOLAS DIVISION
CHARLESTON, WEST VIRGINIA

D'APPOLONIA

12-4-6

19 1293 HERCULENE A&B SMITH CO. PGH., PA LT1530-1076