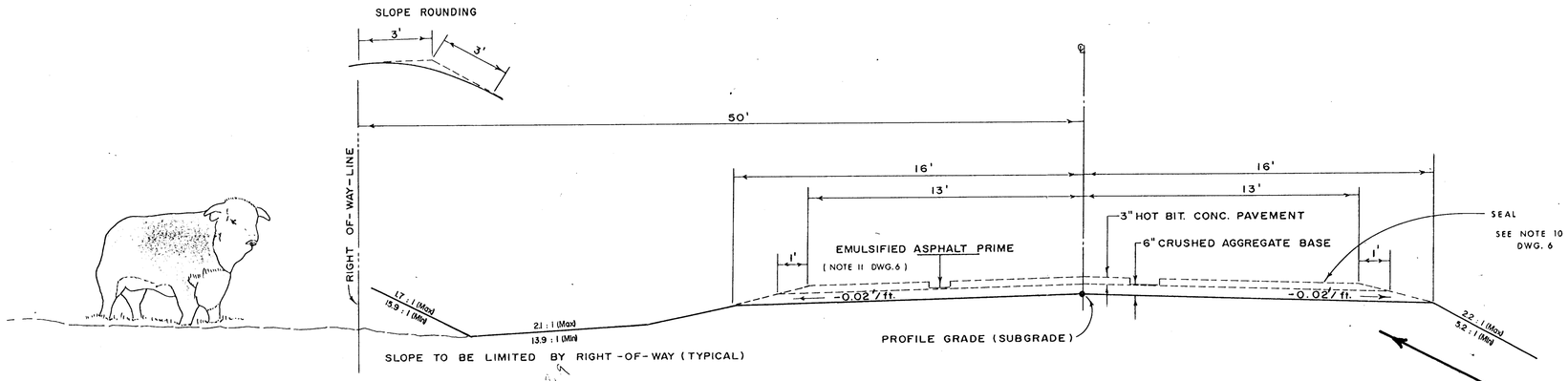
SHOP/OFFICE ACCESS ROAD
TYPICAL CROSS SECTION
PROJECT N4000 SERIES



ESTIMATED QUANTITIES				AS BUILT	
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	QUANTITY	UNIT
1	CLEANING AND GRUBBING	0.983	MI.		
2	UNCLASSIFIED EXCAVATION	19,800.00	C.Y.		
3	COMPACTED FILL	19,200.00	C.Y.		
4	CRUSHED AGGREGATE	2,885.00	C.Y.		
5	8' DIA., 3 x 1 CORR., BIT. COATED CATTLE CROSSING	86	L.F.		
6	FURROW DITCH	5,900.00	L.F.		
7	HEAVY DUTY, TYPE CATTLE GUARDS	1	EA.		

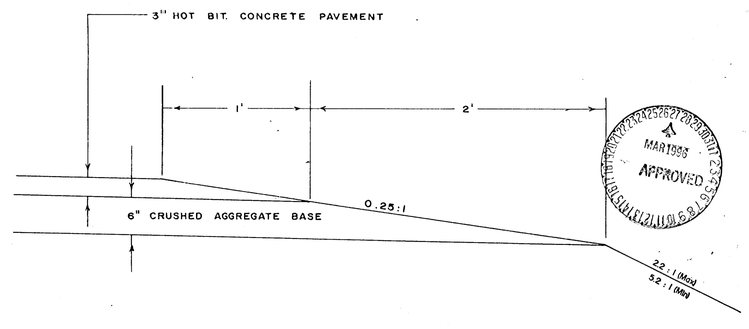
NOTES:

1. FOR ROAD PLAN AND PROFILE SEE EXH. II-112A THRU II-112C.
2. FOR CATTLE CROSSING STRUCTURE SEE EXH. II-112E & II-112F.
3. FINAL ROAD CENTER LINE MARKINGS AND SHOULDER MARKINGS SHALL BE EQUIVALENT TO MARKINGS ON EXISTING N4000 SERIES ROADS.
4. The Crushed Aggregate Shall Conform to the A.A.S.H.T.O. M-147 Specifications and Shall Range from Course to Fine Within the Following Limits:

Sieve Size	% Passing by Wt.
1"	100
#4	40 - 65
#200	2 - 10

5. The Furrow Ditch Shall be Located in All Cut Sections, On Both Sides of the Road and Shall be Constructed to the Following Specifications: Triangular in Shape; 2H:1V Side Slopes; 1 Foot in Depth. It should be Sloped to Provide Adequate Drainage.
6. FOR CUT SECTION C-C SEE EXH. II-112G.

SHOULDER DETAIL



MAR 1996
APPROVED

LEONARD RAYMONC
NEW MEXICO
6600
REGISTERED PROFESSIONAL ENGINEER

EXHIBIT 11-112D

BHP MINERALS INTERNATIONAL INC.
NAVAJO MINE
FRUITLAND, NEW MEXICO

SHOP/OFFICE ACCESS ROAD
TYPICAL CROSS SECTION
PROJECT N4000 SERIES

DRAWN BY J.GOLBE	SCALE AS SHOWN		
APPROVED BY	DATE 6/13/82		
DRAWING NO.		LOCATION NO.	

REV. 2 03-08-1996 AS-BUILT
REV. 1 7-19-82