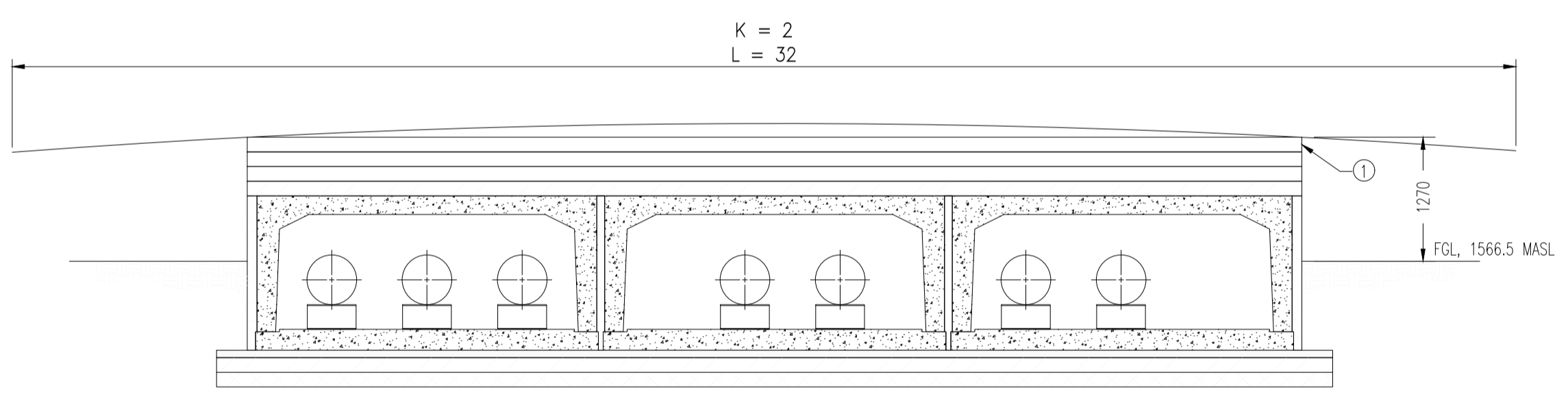


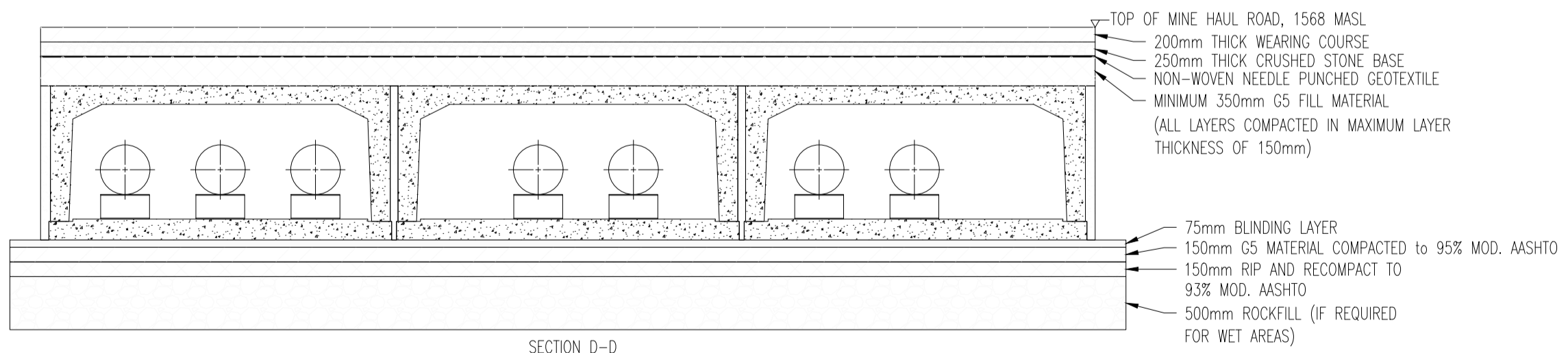
MINE HAUL CROSSING PLAN VIEW
SCALE 1:250



SECTION C-C
ACCESS ROAD SECTION
SCALE 1:50

LAYERWORKS DESIGN
FOR ACCESS ROAD

- MINIMUM FILL LAYER OF 450mm THICK COMPACTED IN 150mm THICK LAYERS CONSISTING OF 50% BY VOLUME OF MATERIAL FROM STOCKPILE SCREENED < D100 AND 50% BY VOLUME OF G5 IMPORTED MATERIAL, COMPACTED TO 95% MOD. AASHTO
- IN-SITU MATERIAL: RIP AND RECOMPACT 150mm LAYER IN-SITU MATERIAL OF CBR > 5% AT 93% MOD. AASHTO (G10 QUALITY OR BETTER)



SECTION D-D
MINE HAUL SECTION
SCALE 1:50

EPCM BONISANA (PTY) LTD
THIS DRAWING TAKES INTO ACCOUNT THE PARTICULAR INSTRUCTIONS AND REQUIREMENTS OF OUR CLIENT.
IT IS NOT INTENDED FOR AND SHOULD NOT BE RELIED UPON BY ANY THIRD PARTY AND NO RESPONSIBILITY IS UNDERTAKEN TO ANY THIRD PARTY.

NOTES:

- COORDINATE SYSTEM: WGS 84 TRANSVERSE MERCATOR, Lo 29, DATUM: HARTEBEESHOCK 94.
- ALL DIMENSION IN mm UNLESS OTHERWISE STATED.
- THE CONTRACTOR SHALL CONSULT THE ENGINEER IF ANY OF THE INFORMATION ON THE LONG SECTION DIFFERS TO SITE CONDITIONS.
- PIPE CENTERS TO BE ALIGNED ACCORDING TO ALIGNMENT SHEETS AND PIPELINE CROSS SECTIONS DRAWING No. 21084-KMDD-CE-DRD-050.
- FOR PIPE BRIDGE DETAILS, REFER TO DRAWING No. 21084-KMDD-CE-DRD-025 AND 21084-KMDD-CE-DRD-026.
- REFER TO DRAWING No. 21084-KMDD-CE-DRD-056 FOR CULVERT AND HEADWALL DETAILS.
- MINE HAUL BERM TO BE REINSTATED UPON COMPLETION OF WORKS.
- EXCAVATED TRENCHES TO BE BENCHMARKED FOR EASIER COMPACTION TO ADJACENT SOIL AND SAFE SIDE SLOPES.
- HAUL ROAD TO BE EXCAVATED IN HALF WIDTHS AS NOT TO DISTURB THE MINE HAUL OPERATION. REFER TO WORKS INFO AND TRAFFIC MANAGEMENT DRAWING: 21084-KMDD-CE-DRD-070 AND 071
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING APPROPRIATE TRAFFIC MANAGEMENT AND MUST SUBMIT UPDATED TRAFFIC MANAGEMENT PLAN AND DRAWINGS FOR APPROVAL.



Eskom	<small>FORM OSK044 15 FEBRUARY 2005 USE 1</small> <small>CENTRAL NEW OFFICES 120001 120001 120001</small>	

KRIEL TO MATLA ASH
TRANSFER LINK

REF. No.	TITLE	DATE	BY	CHK.	APP.	DISCIPLINE	SIGN	DATE
21084-KMDD-CE-DAL-004	MINE HAUL CROSSING LAYOUT	09.08.23	DJ	DJ	VWB	SdR		
DWG No.		05.05.23	DJ	DJ	VWB	SdR		

REVISION	NO.	DESCRIPTION	CAD.	BY	CHK.	APP.	DATE
1.1	1	RE-ISSUED FOR CONSTRUCTION	DJ	DJ	VWB	SdR	09.08.23
		ISSUED FOR CONSTRUCTION	DJ	DJ	VWB	SdR	05.05.23

CLIENT APPROVAL	COMPANY APPROVAL
NAME: _____ SIGN: _____ DATE: _____	NAME: _____ SIGN: _____ DATE: _____

LOCATION:	SECTION:	TITLE:	DISCIPLINE	DRAWING No.	REV
KRIEL/MATLA POWER STATION, MPUMALANGA	MINE HAUL CROSSING	MINE HAUL CROSSING DETAILS 2/2	21084-KMDD-CE-DRD-025-02	T.1	

PROJECT No.:	21084	PAGE SIZE:	A1
CLIENT DRAWING No.	0.45/61021-056		