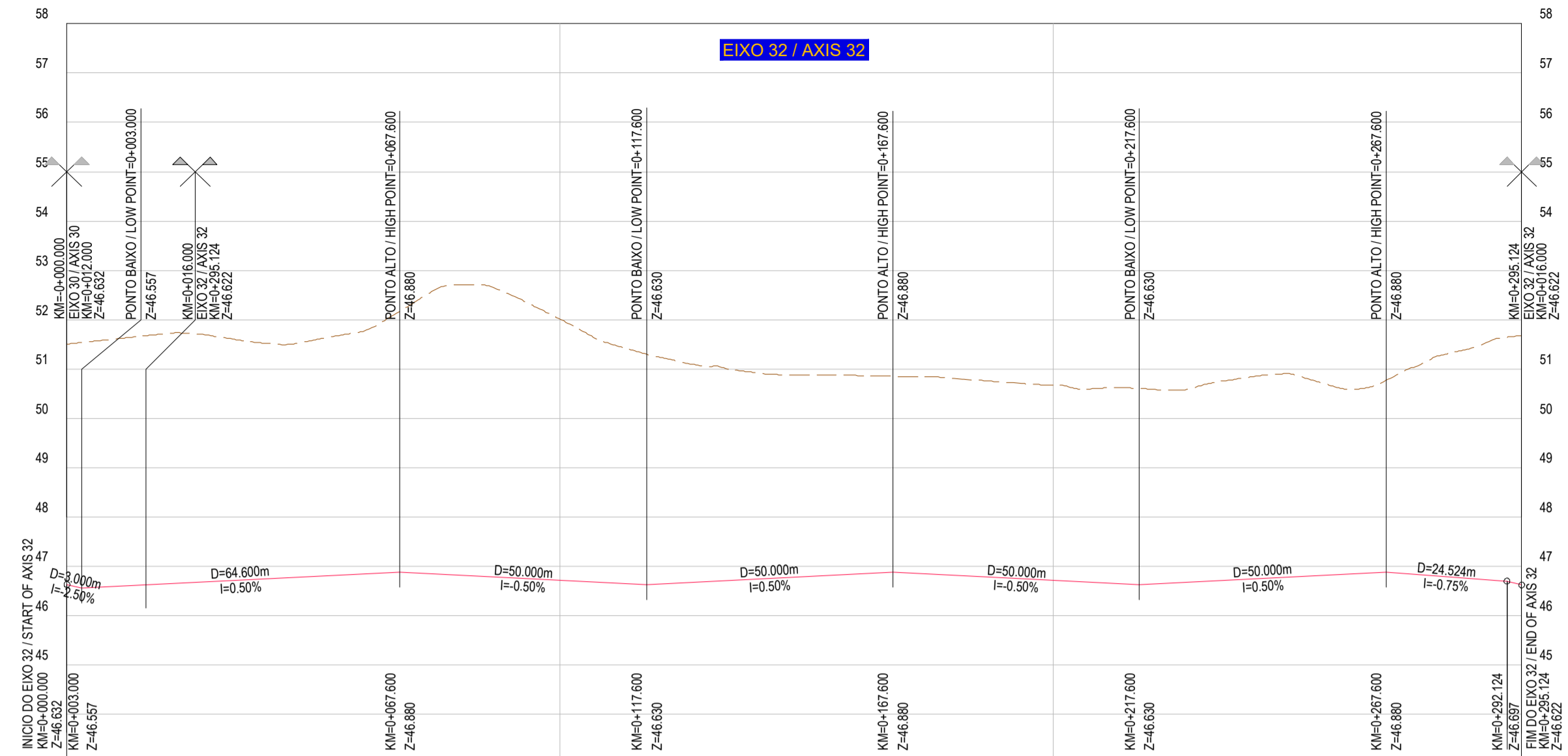


LEGENDA / LEGEND

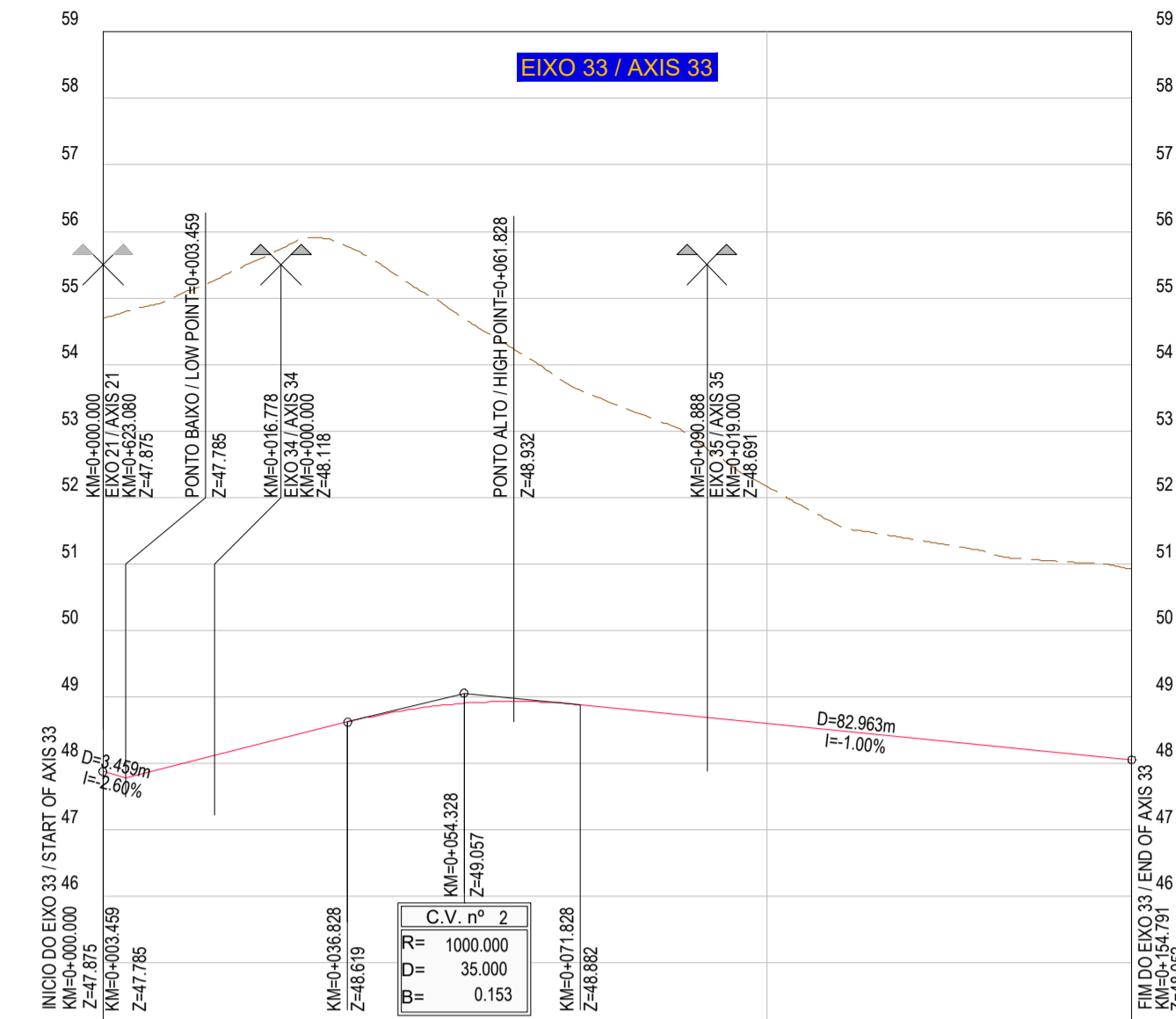
- TERRENO NATURAL / NATURAL GROUND LEVEL
- RASANTE / ROAD LEVEL

NOTAS / NOTES

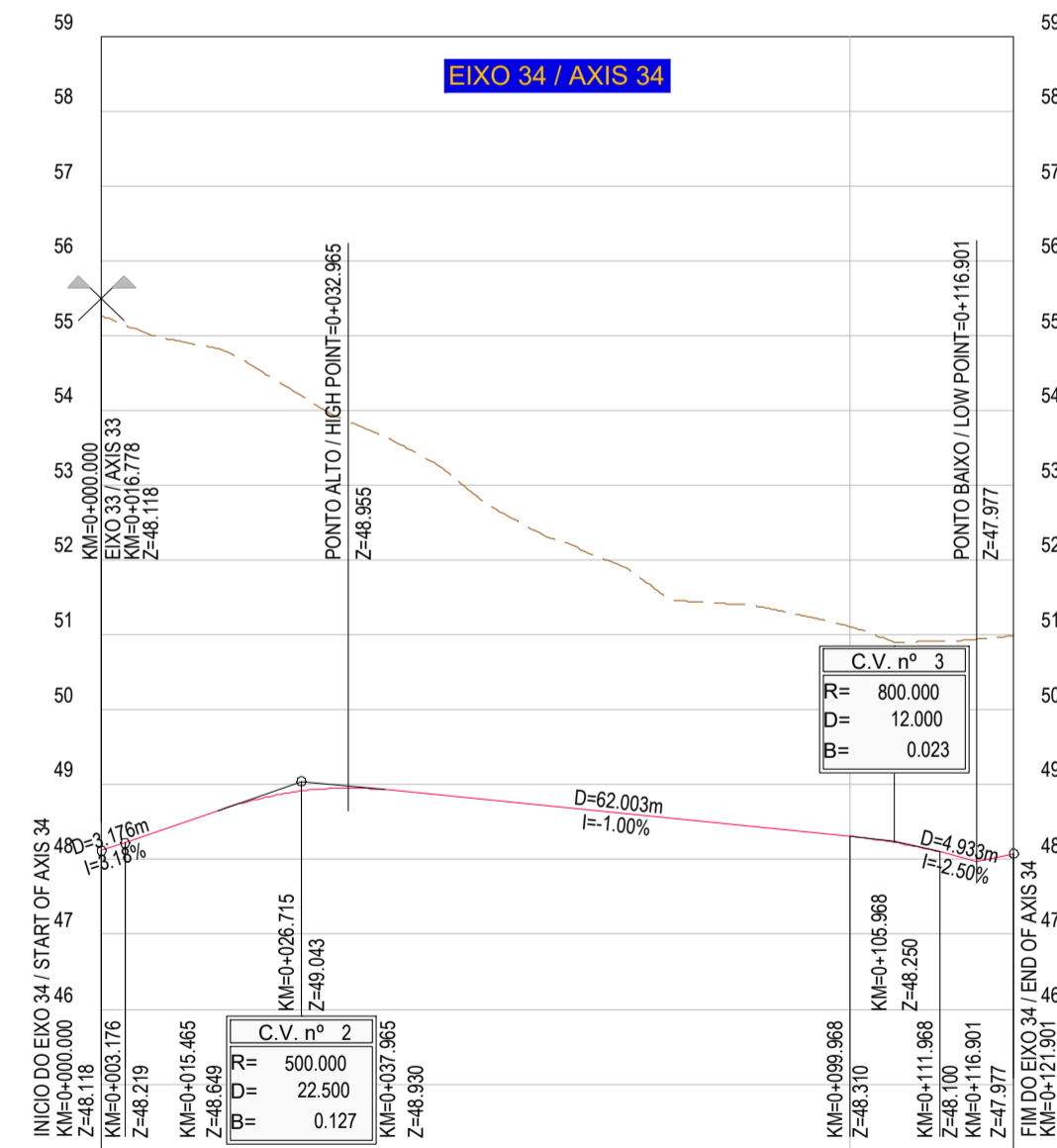
- COTAS EM METROS. / ALL LEVELS AND DIMENSIONS IN METERS.
- DRAWING TO BE READ IN CONJUNCTION WITH OTHER ELEMENTS OF THE PROJECT.
- CONSULTAR AS DEMAIS PEÇAS DO PROJECTO. / A MESMA DEVERÁ SER DE IMEDIATO COMUNICADA POR ESCRITO PARA O PROJECTISTA.
- CONSULTAR O MANUAL DE ACESSOS DO SISTEMA DE REFERÊNCIA TOPOGRÁFICA DEVERÁ SER VERIFICADAS NO LOCAL ANTES DO INÍCIO DOS TRABALHOS.
- TODAS AS DIMENSÕES, COTAS E COORDENADAS DE IMPLANTAÇÃO TOPOGRÁFICA DEVERÃO SER VERIFICADAS NO LOCAL ANTES DO INÍCIO DOS TRABALHOS.
- LEVELS, COORDINATES AND DIMENSIONS TO BE CHECKED ON SITE.
- SISTEMA DE REFERÊNCIA GEOGRÁFICO - DATUM PT-TM66TRS88.
- GEOGRAPHIC REFERENCE SYSTEM - DATUM PT-TM66TRS88.



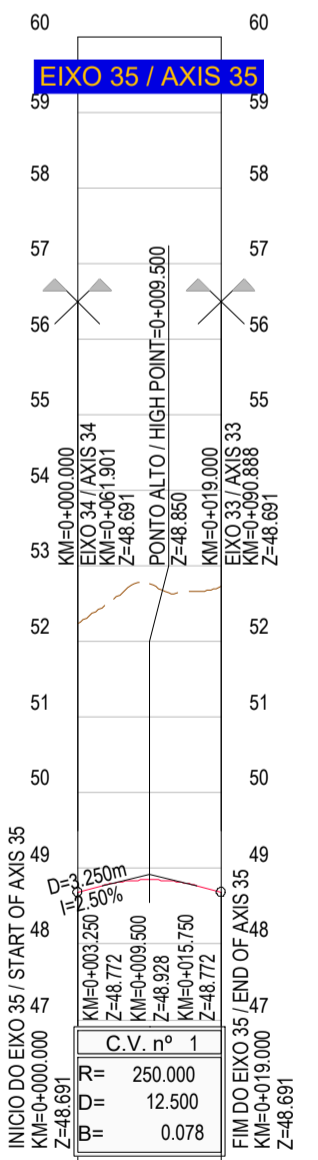
QUILOMETRAGEM / KILOMETRE	0+000	0+025	0+050	0+075	0+100	0+125	0+150	0+175	0+200	0+225	0+250	0+275	0+295.124
COTAS DA RASANTE / ROAD LEVEL	46.632	46.677	46.792	46.843	46.716	46.677	46.792	46.843	46.716	46.677	46.792	46.825	46.822
COTAS DO TERRENO / GROUND LEVEL	51.597	51.724	51.856	52.616	52.013	51.136	50.674	50.842	50.674	50.570	50.822	51.118	51.675
ELEMENTOS DO PERFIL / PROFILE ELEMENTS	D=3.000m i=2.50%		D=64.600m i=0.50%		D=50.000m i=0.50%		D=50.000m i=0.50%		D=50.000m i=0.50%		D=24.524m i=0.75%		
SOBRELEVAÇÃO / SUPERELEVATION	+2.5%		-2.5%		-2.5%		-2.5%		-2.5%		+2.5%		+2.5%
PONTOS NOTAVES / POINTS	km=0+000.000												
DIAGRAMA DE CURVAS / ROAD DIAGRAM	R=∞ D=74.000												



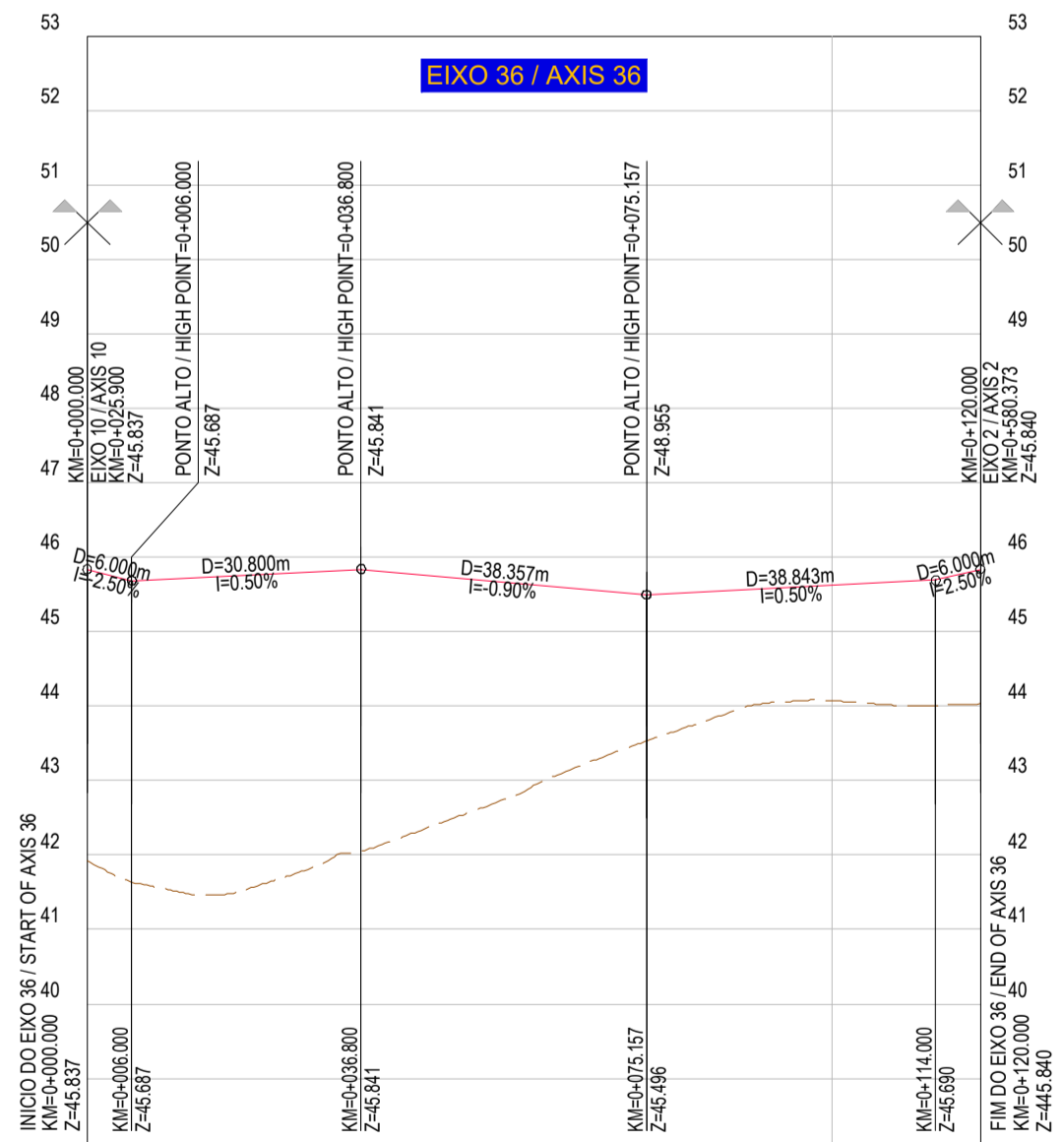
QUILOMETRAGEM / KILOMETRE	0+000	0+025	0+050	0+075	0+100	0+125	0+150	0+154.791
COTAS DA RASANTE / ROAD LEVEL	47.875	48.324	48.862	48.860	48.800	48.301	48.100	48.052
COTAS DO TERRENO / GROUND LEVEL	54.687	55.651	54.998	53.482	52.160	51.315	51.003	50.823
ELEMENTOS DO PERFIL / PROFILE ELEMENTS	D=3.459m i=2.60%		D=35.000m R=1000.00m		D=82.963m i=1.00%			
SOBRELEVAÇÃO / SUPERELEVATION	+2.5%		+2.5%		-2.5%		+2.5%	
PONTOS NOTAVES / POINTS	km=0+000.000							
DIAGRAMA DE CURVAS / ROAD DIAGRAM	R=∞ D=13.000 D=9.744							



QUILOMETRAGEM / KILOMETRE	0+000	0+025	0+050	0+075	0+100	0+121.901
COTAS DA RASANTE / ROAD LEVEL	48.118	48.862	48.810	48.860	48.310	48.077
COTAS DO TERRENO / GROUND LEVEL	55.266	54.289	52.860	51.548	51.112	50.991
ELEMENTOS DO PERFIL / PROFILE ELEMENTS	D=3.178m i=3.18%		D=22.500m R=800.00m		D=62.003m i=1.00%	
SOBRELEVAÇÃO / SUPERELEVATION	+2.5%		-2.5%		-2.5%	
PONTOS NOTAVES / POINTS	km=0+000.000					
DIAGRAMA DE CURVAS / ROAD DIAGRAM	R=∞ D=121.901					



QUILOMETRAGEM / KILOMETRE	0+000	0+019.000
COTAS DA RASANTE / ROAD LEVEL	48.691	48.691
COTAS DO TERRENO / GROUND LEVEL	52.236	52.734
ELEMENTOS DO PERFIL / PROFILE ELEMENTS	D=3.250m i=2.50%	
SOBRELEVAÇÃO / SUPERELEVATION	-1.0%	
PONTOS NOTAVES / POINTS	km=0+000.000	
DIAGRAMA DE CURVAS / ROAD DIAGRAM	R=∞ D=19.000	



QUILOMETRAGEM / KILOMETRE	0+000	0+025	0+050	0+075	0+100	0+120.000
COTAS DA RASANTE / ROAD LEVEL	45.837	45.722	45.722	45.697	45.620	45.640
COTAS DO TERRENO / GROUND LEVEL	41.920	41.656	42.324	43.326	44.074	44.032
ELEMENTOS DO PERFIL / PROFILE ELEMENTS	D=30.800m i=0.50%		D=36.357m i=0.90%		D=38.843m i=0.50%	
SOBRELEVAÇÃO / SUPERELEVATION	-2.5%		-2.5%		-2.5%	
PONTOS NOTAVES / POINTS	km=0+000.000					
DIAGRAMA DE CURVAS / ROAD DIAGRAM	R=∞ D=120.000					

Rev.	Data	Descrição das alterações	Approv.
00	31.07.2023	EMISSÃO INICIAL / INITIAL ISSUE	MAA



Ciente / Client
CALB

PROJETO / Project
**UNIDADE INDUSTRIAL DE BATERIAS DE LÍTIU
LITHIUM BATTERY GIGAFACTORY PLANT**

Fase / Phase
**PROJETO DE EXECUÇÃO
DETAIL DESIGN**

Designação / Designation
**VIAS / ROADS
VIAS INTERNAS
PERFIL LONGITUDINAL 11/11
INTERNAL ROADS
LONGITUDINAL PROFILE 11/11**

Escalas / Scales : H=1:1000 - V=1:100
Data / Date : 31.07.2023
Processo / Process : T2022-0519
Ficheiro / File : T2022-0519-EX-ROA-GN-2111-DWG-00.dwg

Desenho / Drawing :
Revisão / Revision :

EX-ROA-GN-2111 00

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