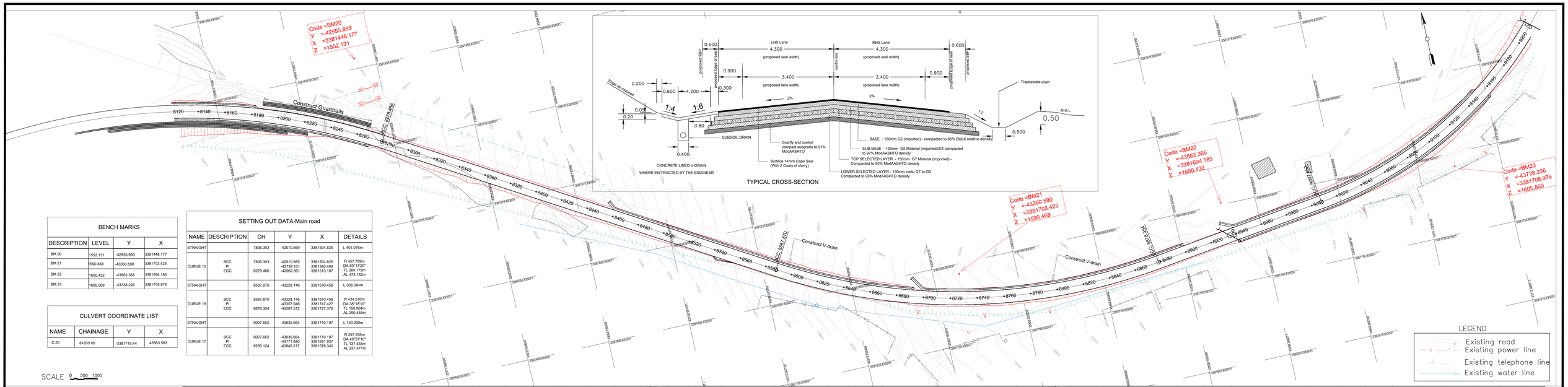
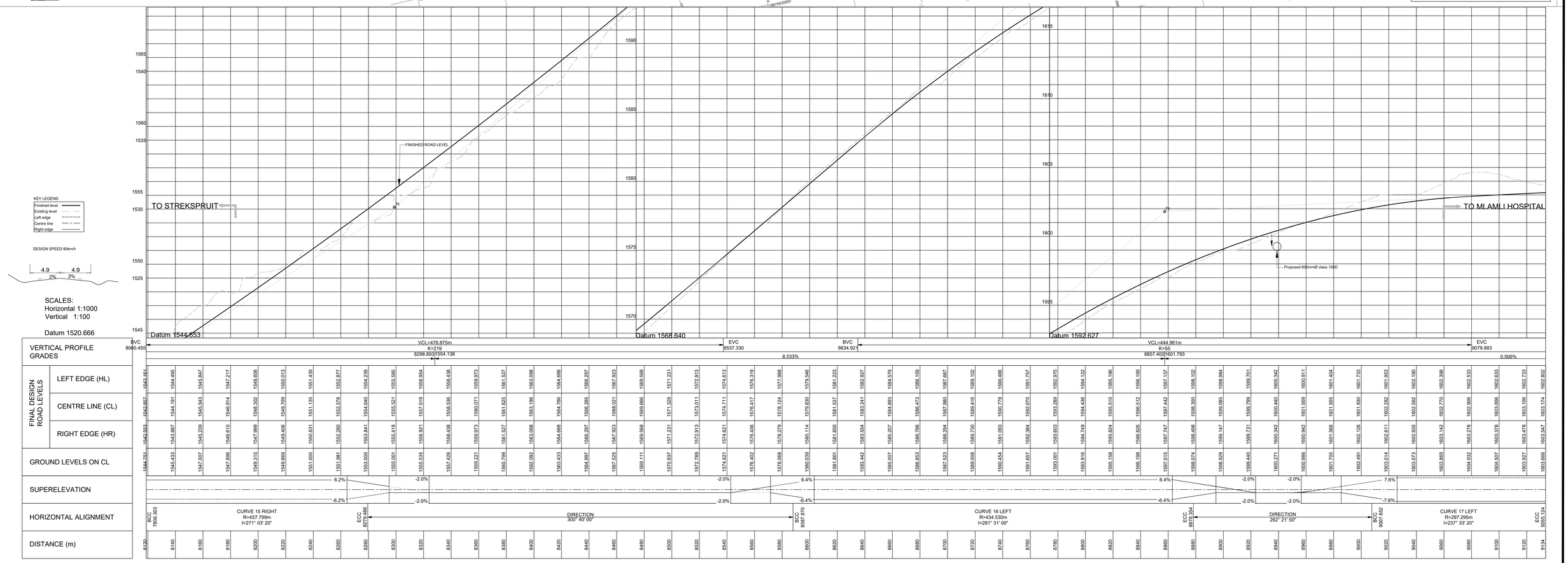


BENCH MARKS			
DESCRIPTION	LEVEL	Y	X
BM 20	1552.131	-42955.993	3381448.177
BM 21	1590.468	-43360.590	3381703.425
BM 22	1600.432	-43562.365	3381694.185
BM 23	1605.569	-43738.226	3381705.976

CULVERT COORDINATE LIST			
NAME	CHAINAGE	Y	X
C 20	8+935.00	-3381719.44	43563.583

SETTING OUT DATA-Main road					
NAME	DESCRIPTION	CH	Y	X	DETAILS
STRAIGHT		7806.303	-42510.569	3381504.825	L 401.076m
CURVE 15	BCC PI ECC	7806.303 8279.486	-42510.569 -42739.101 -42962.891	3381504.825 3381380.464 3381513.167	R 457.799m DA 59°13'20" TL 260.778m AL 473.182m
STRAIGHT		8587.870	-43228.146	3381670.458	L 308.384m
CURVE 16	BCC PI ECC	8587.870 8878.354	-43228.146 -43357.946 -43507.512	3381670.458 3381747.427 3381727.376	R 434.530m DA 38°18'10" TL 150.904m AL 290.484m
STRAIGHT		9007.652	-43635.664	3381710.197	L 129.298m
CURVE 17	BCC PI ECC	9007.652 9265.124	-43635.664 -43771.880 -43846.217	3381710.197 3381891.937 3381576.340	R 297.295m DA 49°37'10" TL 137.435m AL 257.471m



LONGSECTION MAIN ROAD
From 8120.000 to 9134.000

ISSUED FOR TENDER

Drawing Nr	Reference Drawing	Date	Chkd	Apprv

Rev	Description	Date	Chkd	Apprv

Client

Province of the EASTERN CAPE TRANSPORT

Project

THE COMPLETION OF UPGRADING TO A SURFACE STANDARD DR08606(+/- 12Km) STERKSPRUIT TO MLAMLI

Consultant

MASILAKHE CONSULTING
DEVELOPMENT MANAGERS

Approved:
Name S.K.Anthony Date: 07-02-2020

Drawing Title

HORIZONTAL AND VERTICAL ALIGNMENT
Ch 8+120.00 TO Ch 9+134.00

Proj. Engineer	S.K.Anthony
Designed	M.Gadlela
Drawn	M.Gadlela
Checked	S.K.Anthony
Proj. Manager	S.K.Anthony

Scale 1:1000
Sheet No. 09 OF 12
Project No. E 240
Drawing No. H.V.A-001
Revision T