

LEGEND

	PROPOSED ROAD
	EXISTING TAR ROAD
	PROPOSED SPEED HUMP
	ROAD CROSS FALL
	STORMWATER EARTH CHANNEL
	SURVEY BENCHMARK
	20YR FLOODLINE
	50YR FLOODLINE

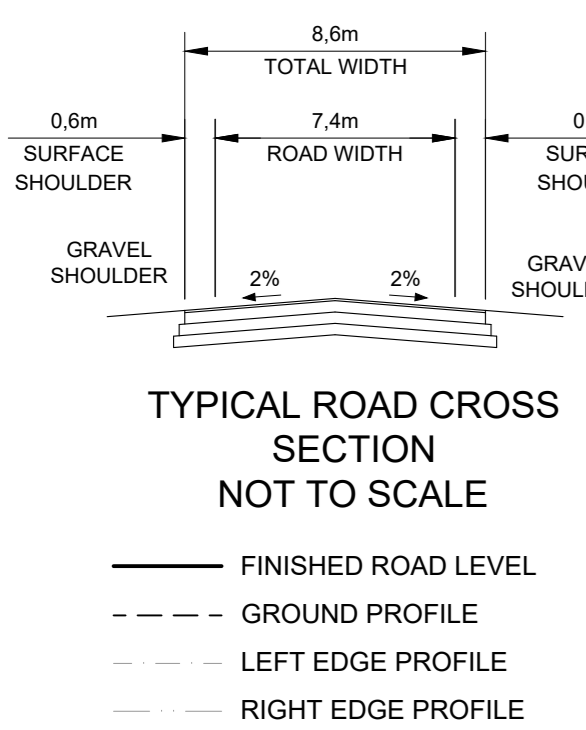
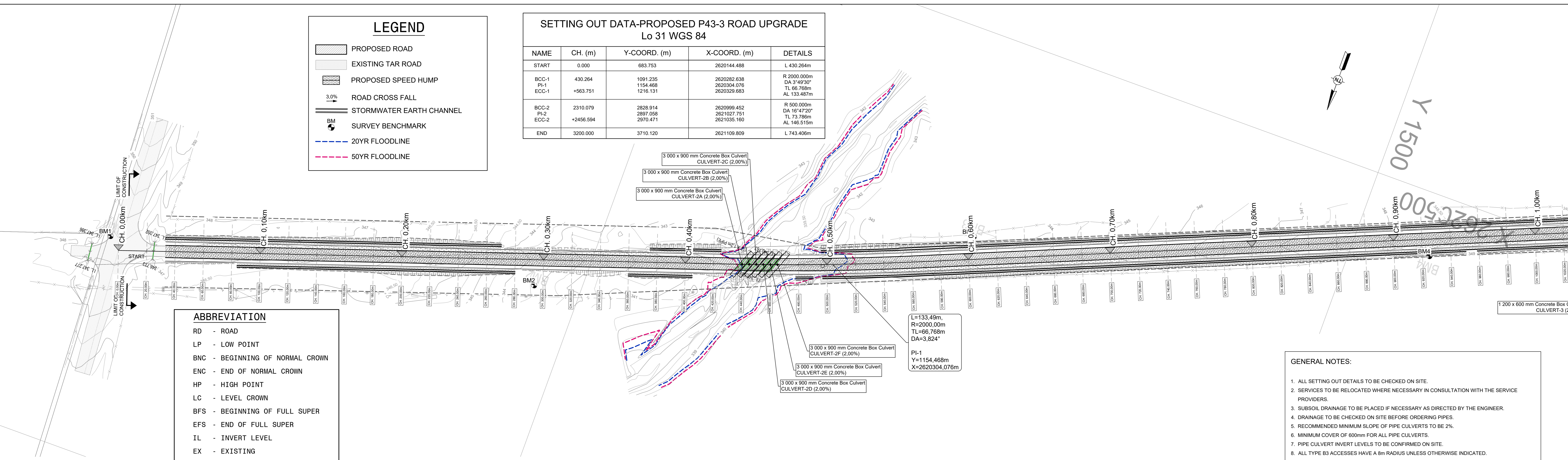
SETTING OUT DATA-PROPOSED P43-3 ROAD UPGRADE Lo 31 WGS 84

NAME	CH. (m)	Y-COORD. (m)	X-COORD. (m)	DETAILS
START	0.000	683.753	2620144.488	L 430.264m
BCC-1	430.264	1091.235	2620282.638	R 2000.000m
PI-1	1154.468	1154.468	2620304.076	DA 3°49'30"
ECC-1	+563.751	1216.131	2620329.683	TL 66.768m AL 133.487m
BCC-2	2310.079	2828.914	2620999.452	R 500.000m
PI-2	2897.058	2897.058	2621027.751	DA 16°47'20"
ECC-2	+2456.594	2970.471	2621035.160	TL 73.786m AL 146.515m
END	3200.000	3710.120	2621109.809	L 743.406m

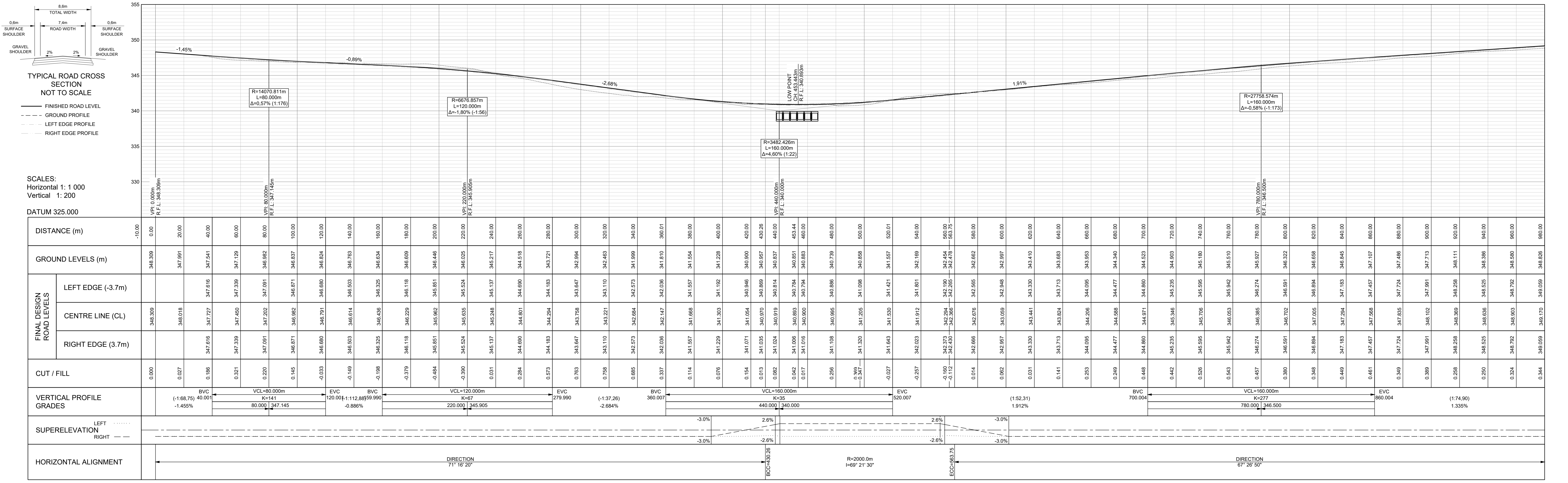
ABBREVIATION

RD	- ROAD
LP	- LOW POINT
BNC	- BEGINNING OF NORMAL CROWN
ENC	- END OF NORMAL CROWN
HP	- HIGH POINT
LC	- LEVEL CROWN
BFS	- BEGINNING OF FULL SUPER
EFS	- END OF FULL SUPER
IL	- INVERT LEVEL
EX	- EXISTING
LVL	- LEVEL
BW	- BOTTOM WIDTH
TW	- TOP WIDTH
D	- DEPTH
TP	- TRAPEZOIDAL

- ### GENERAL NOTES:
- ALL SETTING OUT DETAILS TO BE CHECKED ON SITE.
 - SERVICES TO BE RELOCATED WHERE NECESSARY IN CONSULTATION WITH THE SERVICE PROVIDERS.
 - SUBSOIL DRAINAGE TO BE PLACED IF NECESSARY AS DIRECTED BY THE ENGINEER.
 - DRAINAGE TO BE CHECKED ON SITE BEFORE ORDERING PIPES.
 - RECOMMENDED MINIMUM SLOPE OF PIPE CULVERTS TO BE 2%.
 - MINIMUM COVER OF 600mm FOR ALL PIPE CULVERTS.
 - PIPE CULVERT INVERT LEVELS TO BE CONFIRMED ON SITE.
 - ALL TYPE B3 ACCESSES HAVE A 6m RADIUS UNLESS OTHERWISE INDICATED.
 - THE POSITION OF ALL ACCESS POINTS TO BE VERIFIED ON SITE IN CONSULTATION WITH THE COMMUNITY.
 - ALL EXISTING PIPE CULVERTS THAT ARE NOT REQUIRED ARE TO BE REMOVED / EXCAVATED AND DISPOSED OF.
 - ALL NEW ROAD SIGNS AND ROADMARKING REQUIREMENTS ARE TO CONFORM TO THE SOUTH AFRICAN ROAD TRAFFIC SIGNS MANUAL (S.A.R.T.S.M.).



SCALES:
Horizontal 1: 1 000
Vertical 1: 200
DATUM 325.000



SCALE 1: 200
SCALE 1: 1000

No	DATE	REVISION	CONSULT	DIR
A	15-08-2019	PRELIMINARY DESIGN DRAWING	L.G.N	S.M.N

FOR
PRELIMINARY

DESIGNED BY	SM NXUMALO (P. Technician)
CHECKED BY	LG NGCIBO (P. Technologist)
DRAWN BY	F BALOYI (Candidate Technician)
CHECKED BY	SM NXUMALO (P. Technician)

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CLIENT	DATE
CONSULTING ENGINEER	DATE

PLM 00/2019
UPGRADING OF P43/3 ROAD
Ga-SELWANA ACCESS ROAD
ROAD LAYOUT PLAN AND LONG SECTION
SHEET 1 OF 4

PROJECT NO	2019 / 1
DATE	28 / 11
CONSULTANTS DRAWING NUMBER	HCE 000/2019/101

SHEET	06	of	37
AS SHOWN			
CLIENT DRAWING NUMBER	PLM 000/2019/101		