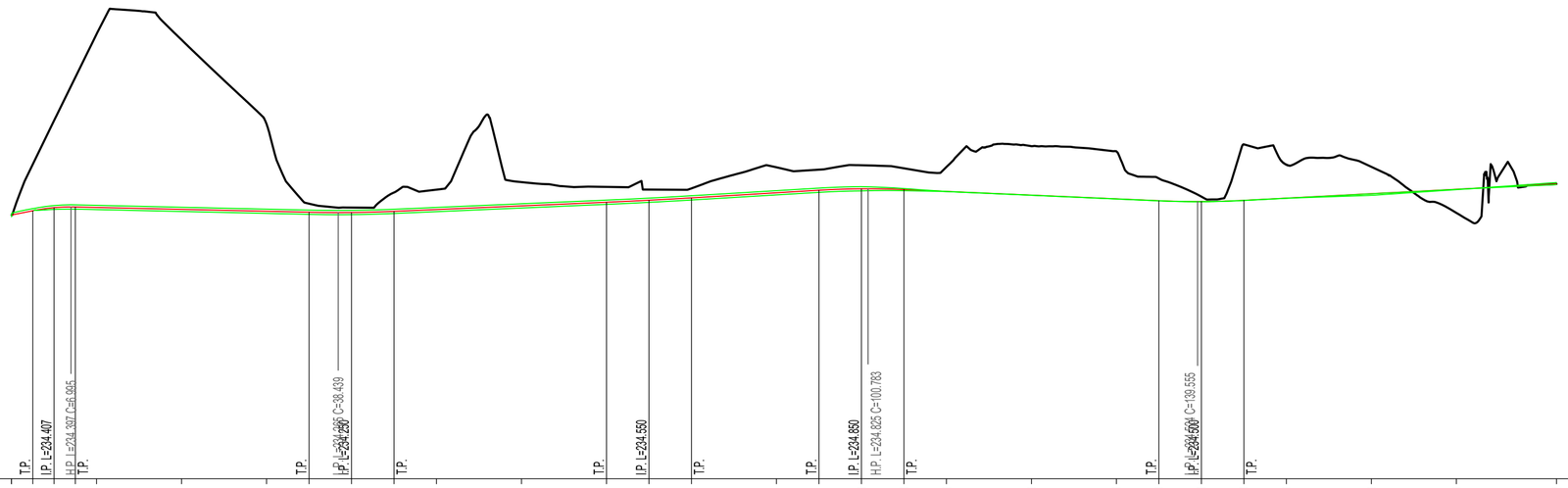
Road 1

Datum: 228.000M AOD



CHAINAGE ON CENTRELINE (m)	0.000	2.500	5.000	7.500	10.000	20.000	30.000	35.000	40.000	45.000	50.000	60.000	70.000	75.000	80.000	90.000	95.000	100.000	105.000	110.000	120.000	130.000	135.000	140.000	145.000	150.000	160.000	170.000	181.782
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	234.207	234.307	234.379	234.386	234.385	234.340	234.295	234.272	234.266	234.293	234.336	234.421	234.507	234.554	234.610	234.730	234.790	234.824	234.806	234.762	234.675	234.587	234.544	234.524	234.552	234.605	234.709	234.814	234.937
LEVELS ON LEFT HAND CHANNEL (m)		234.339	234.344	234.335	234.290	234.245	234.222	234.216	234.243	234.286	234.371	234.457	234.504	234.560	234.680	234.740	234.774	234.780	234.759	234.672	234.584	234.541	234.521	234.549	234.602	234.706	234.811	234.922
LEVELS ON RIGHT HAND CHANNEL (m)	234.358	234.429	234.445	234.435	234.390	234.345	234.322	234.316	234.343	234.386	234.471	234.557	234.604	234.660	234.780	234.840	234.874	234.830	234.760	234.672	234.584	234.541	234.521	234.549	234.601	234.671	234.804	234.970
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE	G = 4.0%	HOG R = 112.378	GRADIENT -0.4% (-1 in 223) LENGTH = 27.500m				SAG CURVE R = 765.455 L = 10.000		GRADIENT 0.9% (1 in 117) LENGTH = 25.000m			SAG CURVE R = 2916.667 L = 10.000		GRADIENT 1.2% (1 in 83) LENGTH = 15.000m		HOG CURVE R = 481.928 L = 10.000		GRADIENT -0.9% (-1 in 114) LENGTH = 30.000m				SAG CURVE R = 520.588 L = 10.000		GRADIENT 1.0% (1 in 96) LENGTH = 36.782m				
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE	STRAIGHT LENGTH = 81.378m															CURVE R = 13.000 L = 20.476			STRAIGHT LENGTH = 28.266m				CURVE R = 13.000 L = 20.319			STRAIGHT LENGTH = 31.342m			
EXISTING LEVELS (m)	234.207	235.401	236.428	237.446	238.463	238.331	236.351	234.473	234.383	234.736	234.804	234.981	234.869	234.805	234.833	235.329	235.378	235.337	235.827	235.706	234.640	235.389	235.340	234.257	234.920	234.937			
PROPOSED LEVELS (m)	234.207																									234.937			

DO NOT SCALE THIS DRAWING | A2

GENERAL NOTES:

1. Before construction commences, the setting out Engineer shall ensure that all setting out information is mutually compatible with all the drawings and documents provided by the designers. Where information is apparently contradictory or ambiguous, the design Engineer and/or the Architect is to be informed immediately. Thomas Consulting will accept no liability for setting out errors where work is constructed to incorrect information.

2. All drawings and documents are to be read in conjunction with one another, are mutually compatible and shall be read as such. All documents shall be checked to ensure that they are compatible by the contractor before construction commences. In the event of apparent ambiguity or contradiction the engineer and/or architect shall be notified immediately. Thomas Consulting accept no liability in the event of not being so notified and where construction work has commenced.

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4. All drawings issued electronically for this scheme are provided for the sole purpose of assisting the design, procurement or construction of the structures for which Thomas Consulting have been appointed as Design Engineers/Consultants. They may not be used for any other purpose, nor may they be amended, copied, redistributed or issued to third parties without the written agreement of Thomas Consulting. All drawings remain under copyright to, and the intellectual property of, Thomas Consulting. Upon completion of the project, all drawings are to be deleted from your computer systems and all other electronic copies destroyed. Where electronic copies of final drawings are to be issued, these will be provided in a digital only format by Thomas Consulting (no other copies may be retained). By opening and using this drawing, it is assumed that you agree to abide by these Terms and Conditions.

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REVISIONS

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
A	30/11/23	Levels amended	MWJ	cf

DRAWING STATUS:
FOR BUILDING REGULATION APPROVAL

THOMAS CONSULTING
STRUCTURAL & CIVIL DESIGN ENGINEERS
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CLIENT:
LIME GREEN PRODUCTS LTD

PROJECT:
NEW ACCESS ROAD AND DRAINAGE

DRAWING TITLE:
LONGITUDINAL SECTION

DATE CREATED:	DRAWING SCALE:	DRAWN BY:	CHECKED BY:	QA CATEGORY:
18/10/2023	1-500	MWJ	-	1

DRAWING REF:	REV:
TC / T20775 / 23 / 130	A

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