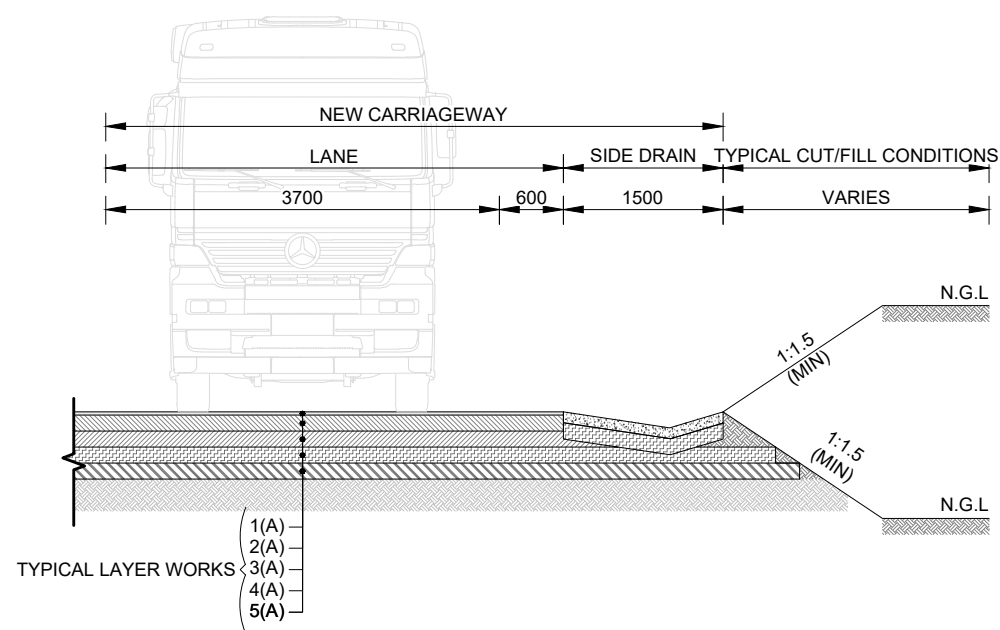
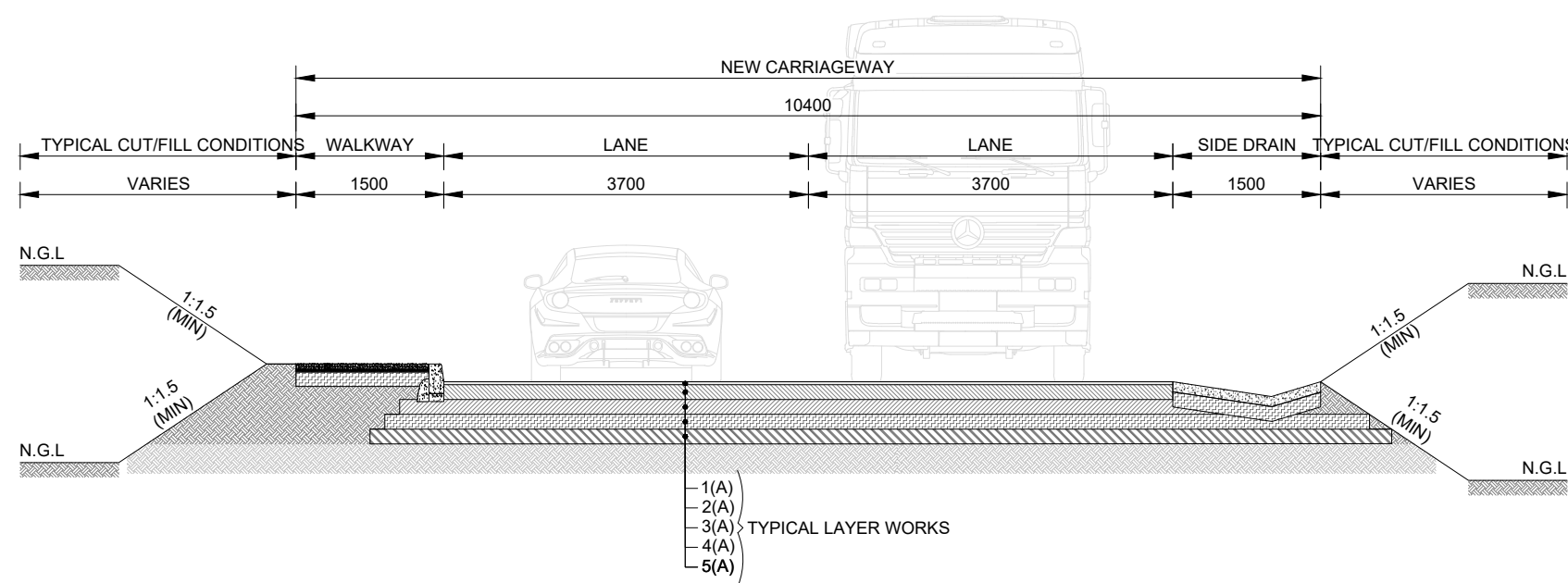


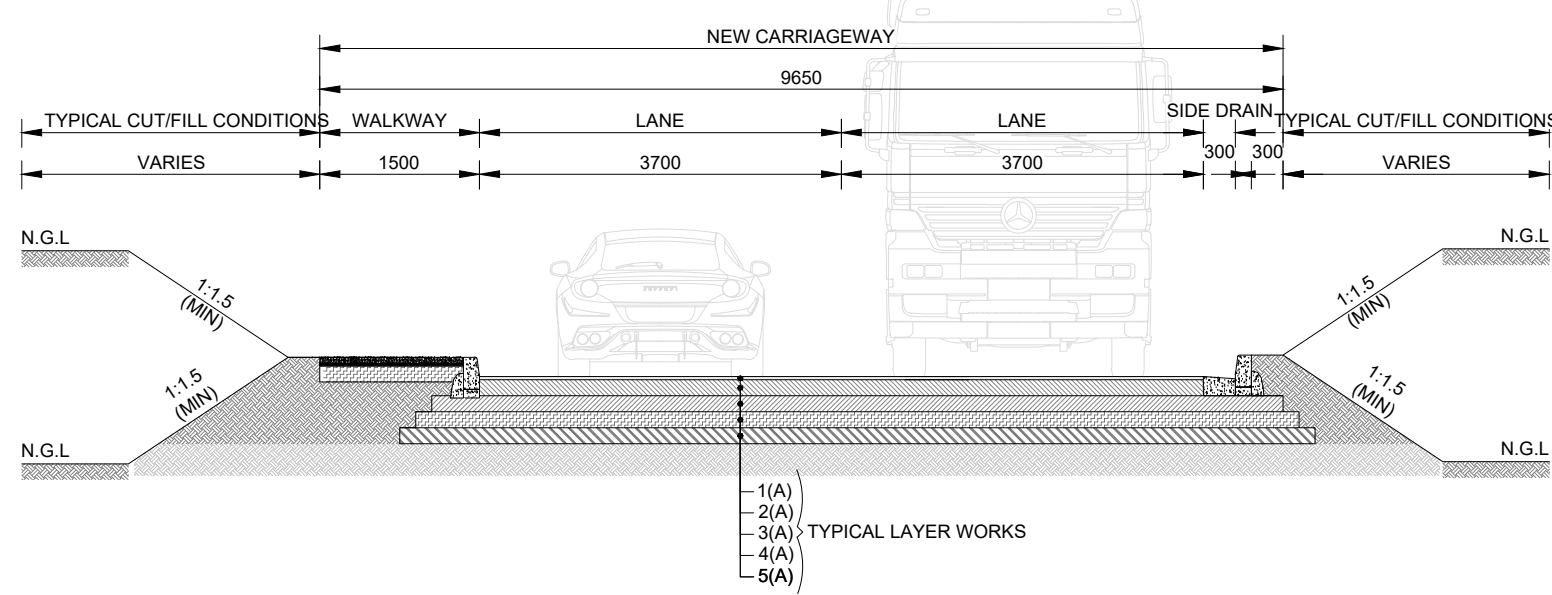
SECTION A-A
SCALE 1:50



STORMWATER SURFACED SYSTEM
SCALE 1:50

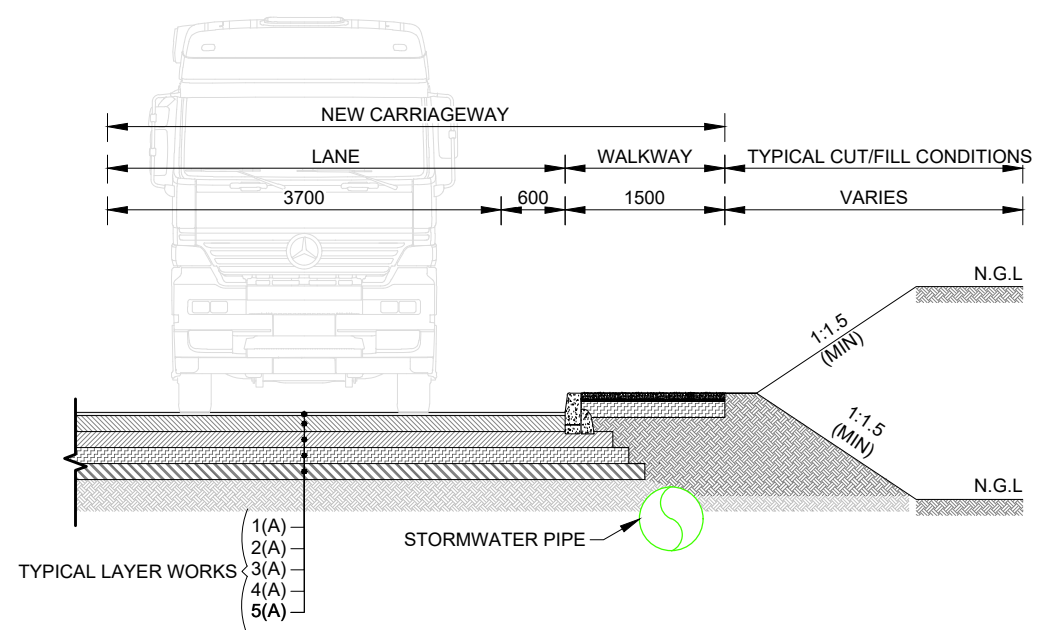


SECTION B-B: ROAD 3 1800 - 3000;
ROAD 4 0 - 1264
SCALE 1:50

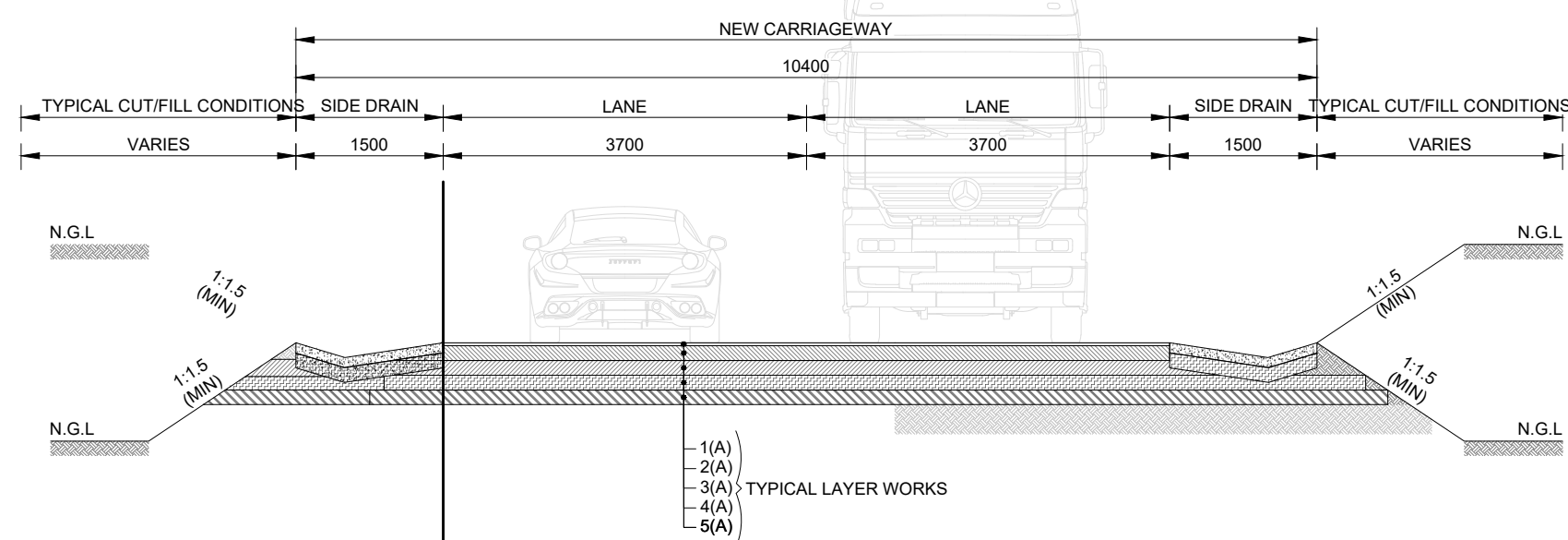


SECTION C-C
SCALE 1:50

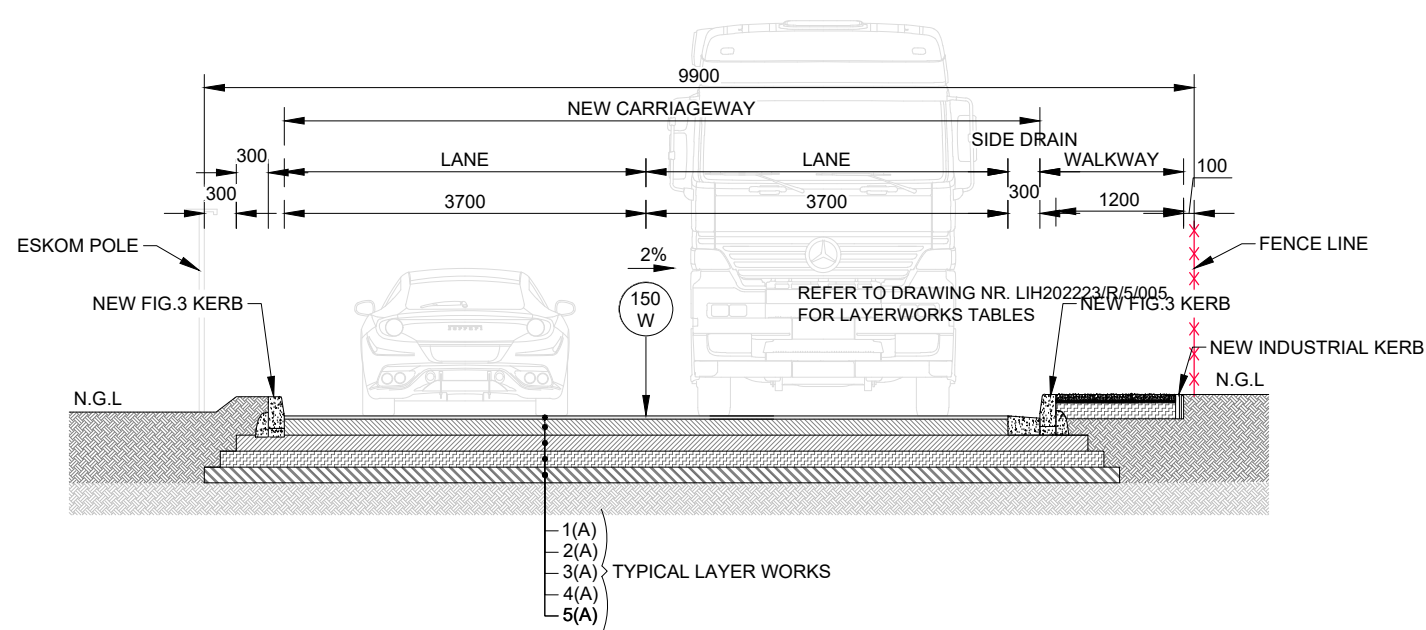
ITEM	LAYER	THICKNESS (mm)	TRH 4 CODE	DESCRIPTION	FIELD REQUIRED COMPACTION
1	80mm PAVING BLOCKS	80		80MM INTERLOCKING PAVING BLOCKS ON 20MM RIVER SAND	
2	BASE (IMPORTED FROM COMMERCIAL SOURCE)	150	G3	CRUSHED STONE BASE, COARSE SAND RATIO SHALL NOT BE LESS THAN 35% AND SHALL NOT EXCEED 50% IN RESPECT OF THE TARGET GRADING. FIELD COMPACTION DENSITY = 98% OF MODIFIED AASHTO DENSITY	98% MOD AASHTO MIN
3	SUB-BASE (IMPORTED FROM BORROW PIT)	150	C4	UCS: 0.75 TO 1.5 Mpa @ 100% MOD. AASHTO MINIMUM ITS = 200 KPa @ 100% MOD. AASHTO COMPACTION. MAXIMUM AGGREGATE 60mm: 0% MAXIMUM PI = 6 AFTER STABILIZATION. MAX. FINES LOSS = 20%. FIELD COMPACTION 97% MOD. AASHTO MIN.	97% MOD AASHTO MIN
4	UPPER SELECTED (FROM BORROW PIT)	150	G7	MINIMUM CBR = 15% @ 93% MOD. AASHTO. MAXIMUM SIZE 5% OF LAYER THICKNESS. DENSITY = 98% MOD. AASHTO. PI = 12 OR SOM = 10. MAXIMUM SWELL 1.5% @ 100% MOD. AASHTO FIELD COMPACTION 95% MOD. AASHTO MIN.	93% MOD AASHTO MIN
5	SUBGRADE INSITU	150	G9-G10	MINIMUM CBR = 15% @ 93% MOD. AASHTO. MAXIMUM SIZE 5% OF LAYER THICKNESS. DENSITY = 98% MOD. AASHTO. PI = 12 OR SOM = 10. MAXIMUM SWELL 1.5% @ 100% MOD. AASHTO FIELD COMPACTION 93% MOD. AASHTO MIN.	90% MOD AASHTO MIN
*FILL (CUT & FILL) INSITU MATERIAL CUT TO SPOIL		800	G9-G10	MINIMUM CBR = 3% @ 90% MOD. AASHTO. MAXIMUM SIZE 5% OF LAYER THICKNESS.	90% MOD AASHTO MIN



STORMWATER PIPE SYSTEM
SCALE 1:50



CROSS SECTION: ROAD 4 CH0 -CH1800
SCALE 1:50



CROSS SECTION: ROAD 1 CH0 -CH620;
ROAD 2 CH0 - 280
SCALE 1:50

REVISIONS			
REV	BY	DATE	DESCRIPTION
0	V.N	11/2022	FOR APPROVAL

CLIENT:



PROJECT:

MATSAFENI KAAPSCHEHOOP BUS ROUTE

TITLE:

ROADS:
CROSS SECTIONS AND LAYERWORKS

LIHUZU PROJECTS(LTD) LTD
UNIT NO.45.2
CENTRAL PARK
12 SUIKERRIET STREET NELSPRUIT 1201
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SCALE	AS SHOWN
DATE	NOVEMBER 2022
DESIGNED:	MP. LUBISI
DRAWN:	T MHLONGO
CHECKED:	L.S MTHETHWA
APPROVED:	S.T NKABINDE

DRAWING NUMBER	REV
LIH202223/R/5/001	00