## Mainline Plan and Profile







# **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

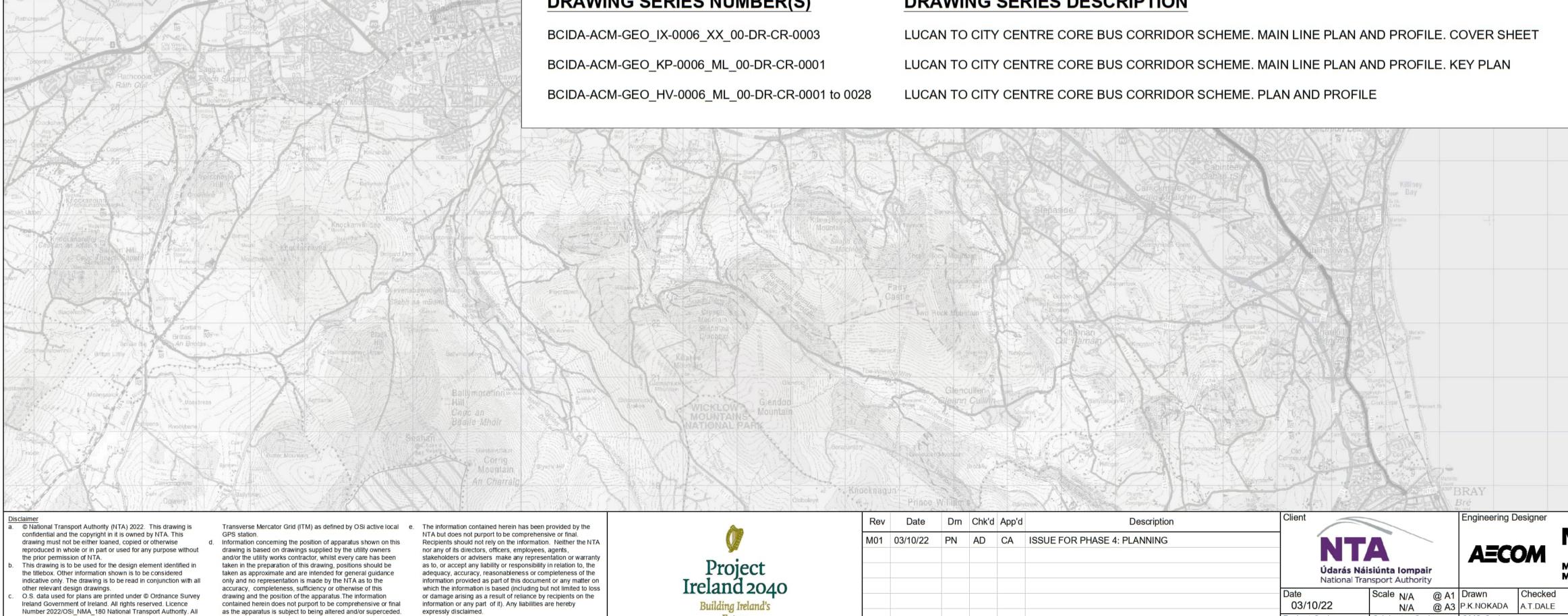
## DRAWING SERIES NUMBER(S)

elevations are in metres and relate to OSi Geoid Model

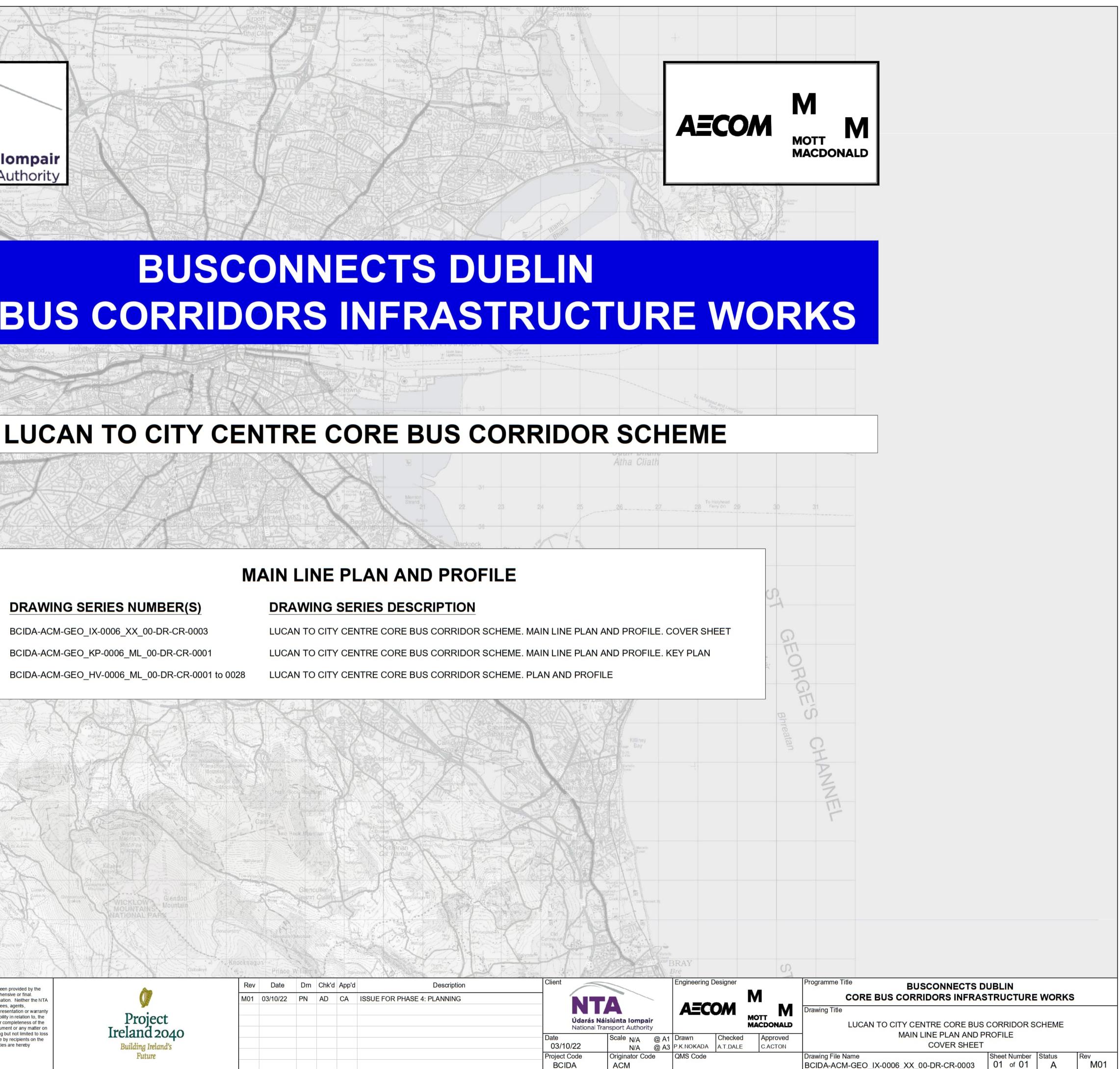
(OSGM15) Malin Head. All Co-ordinates are in Irish

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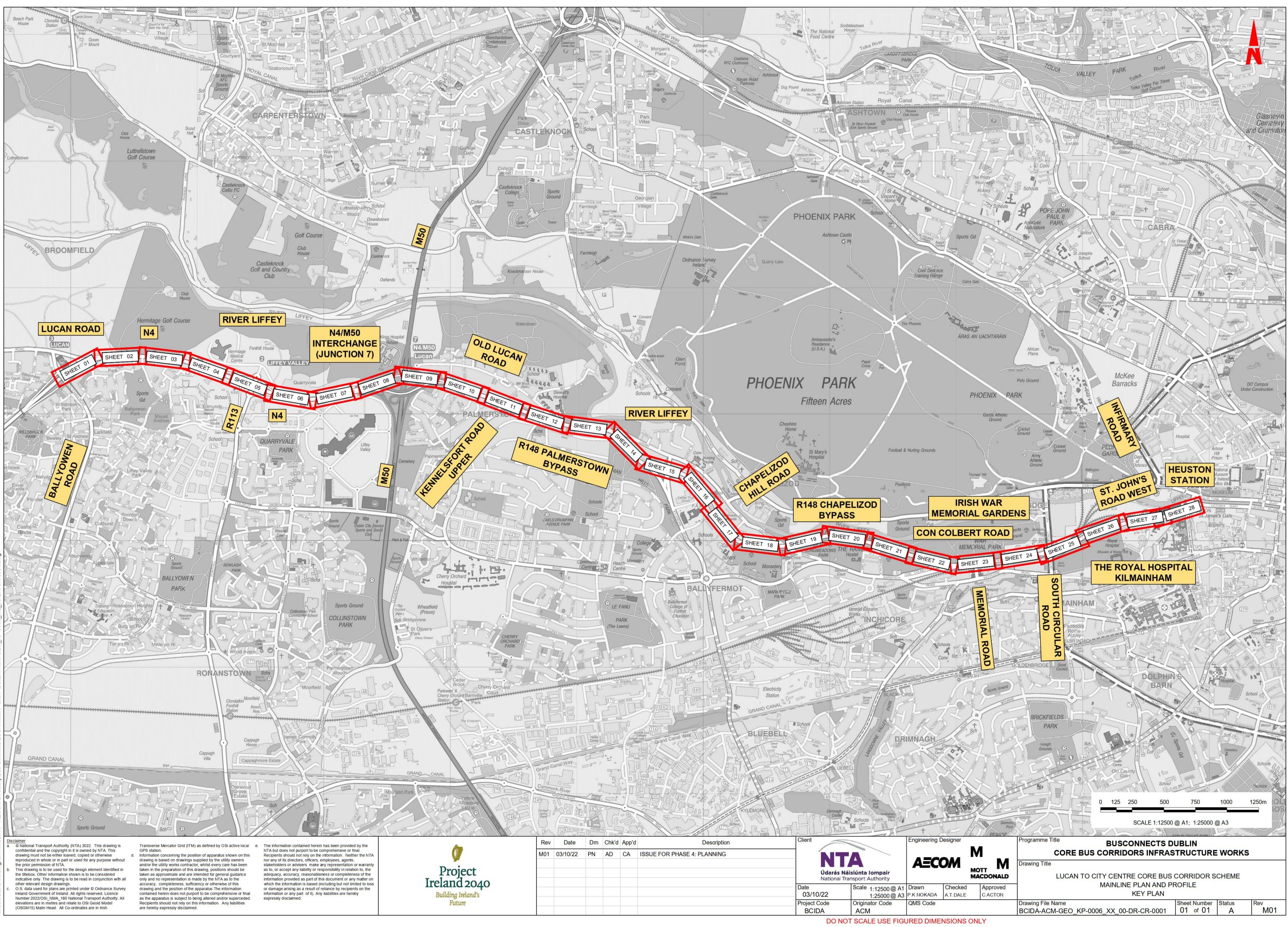
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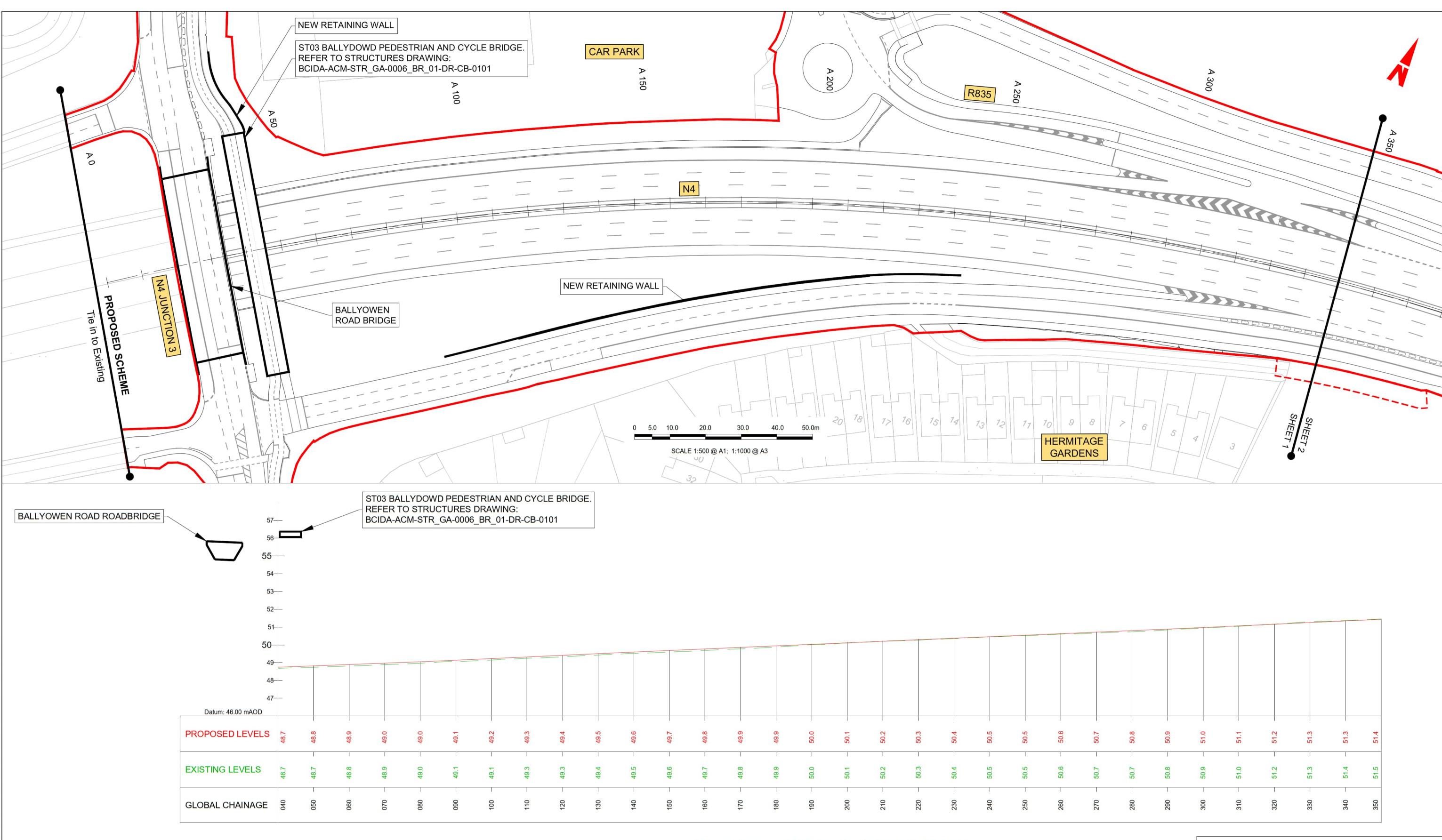


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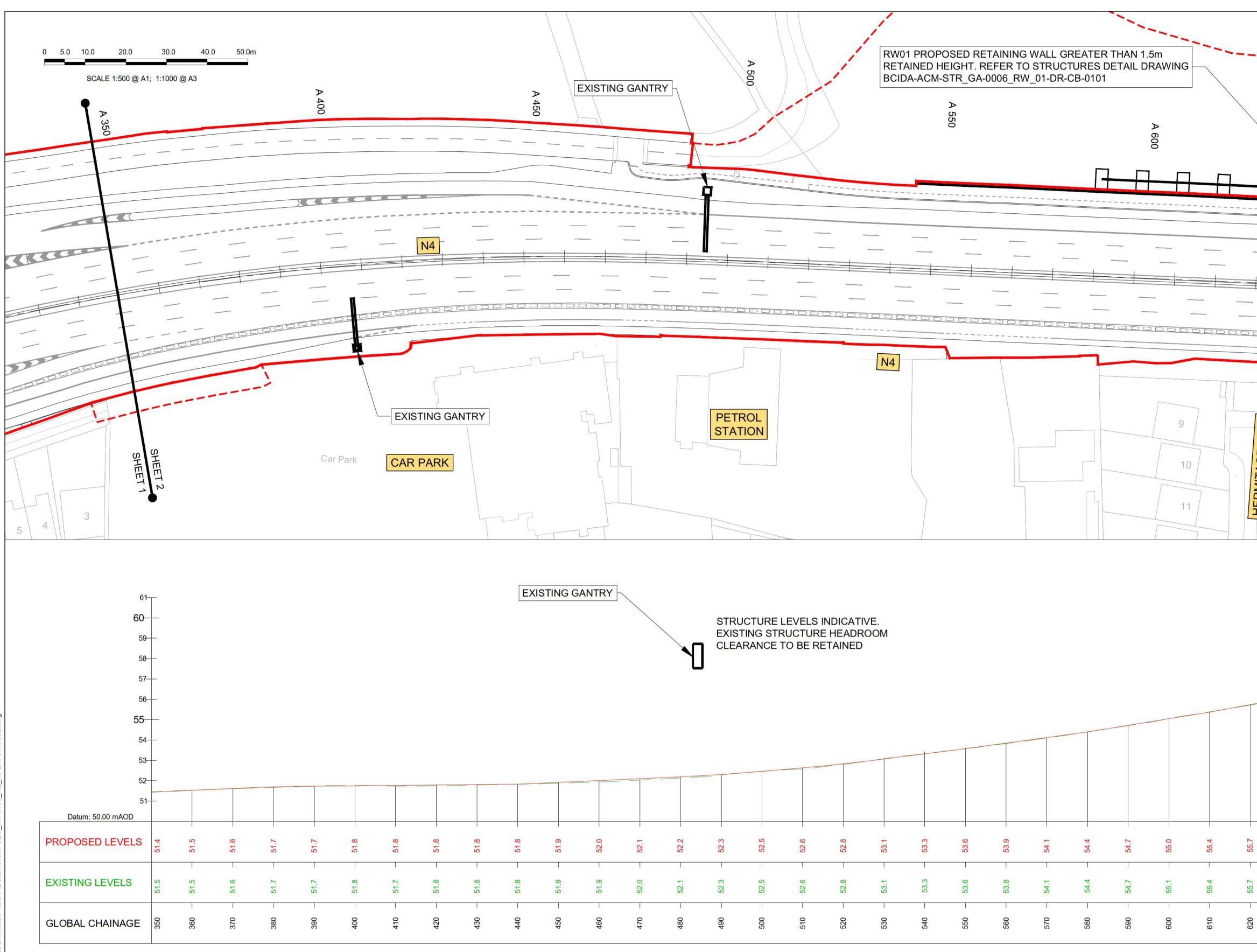
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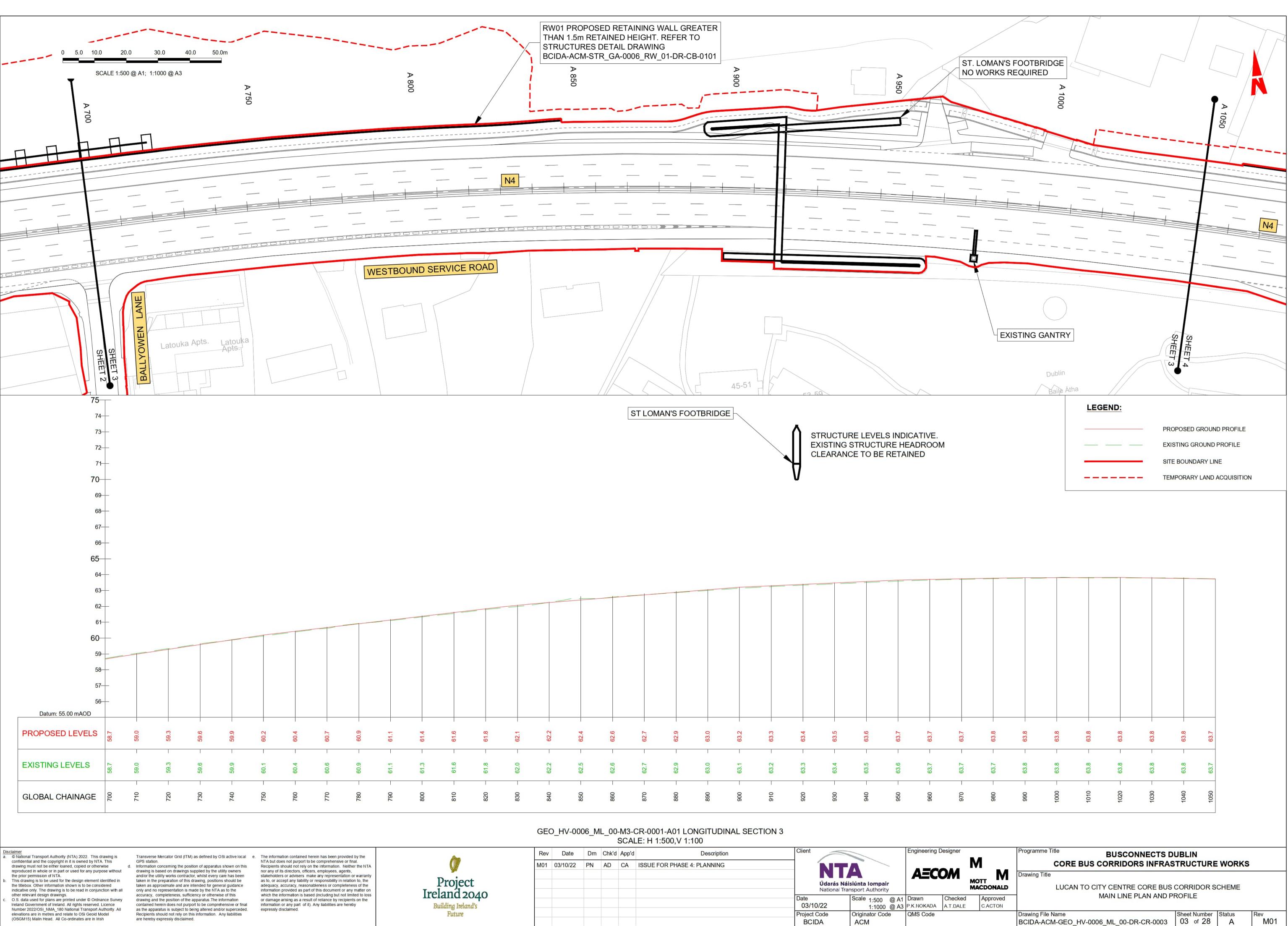


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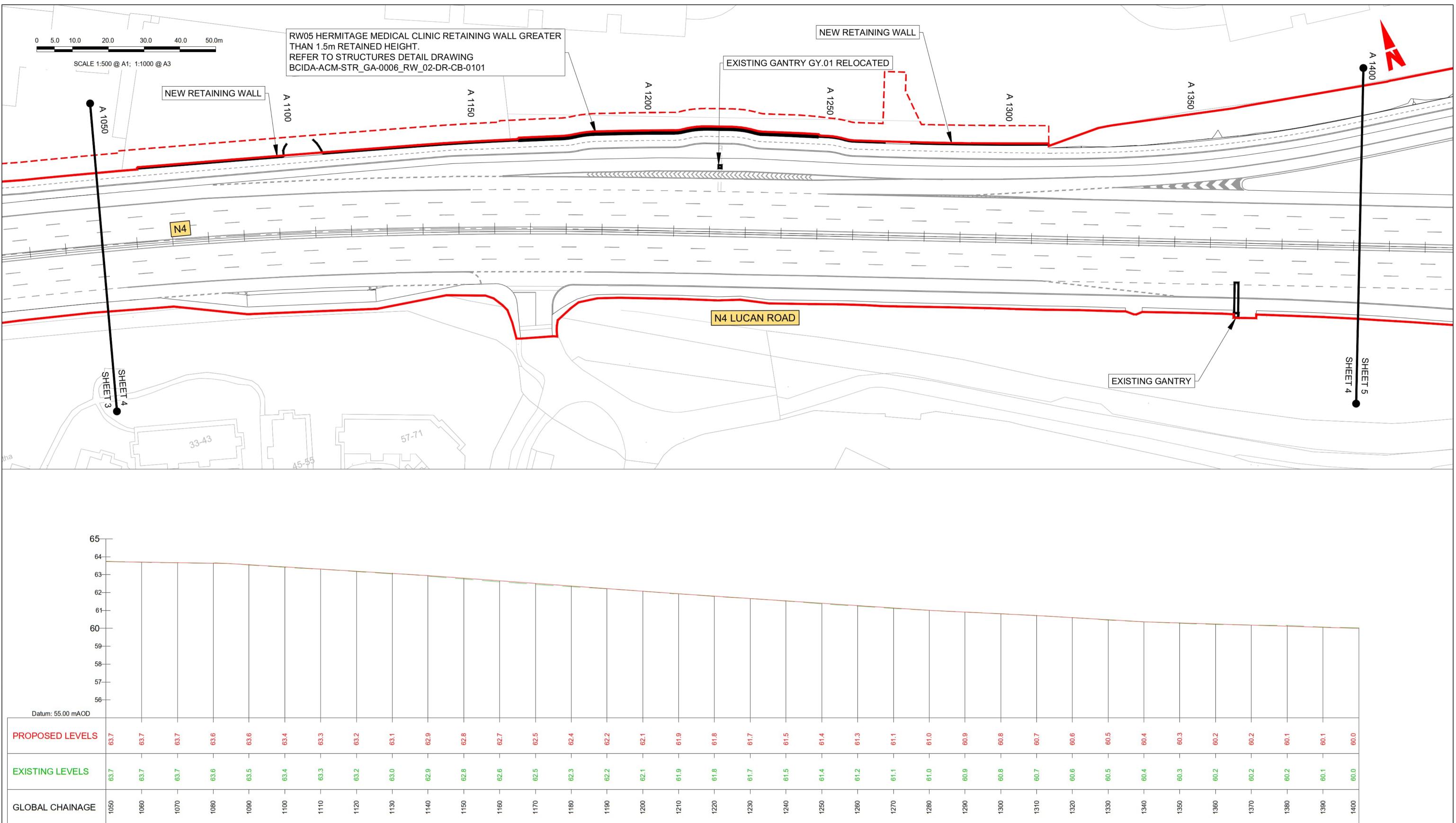
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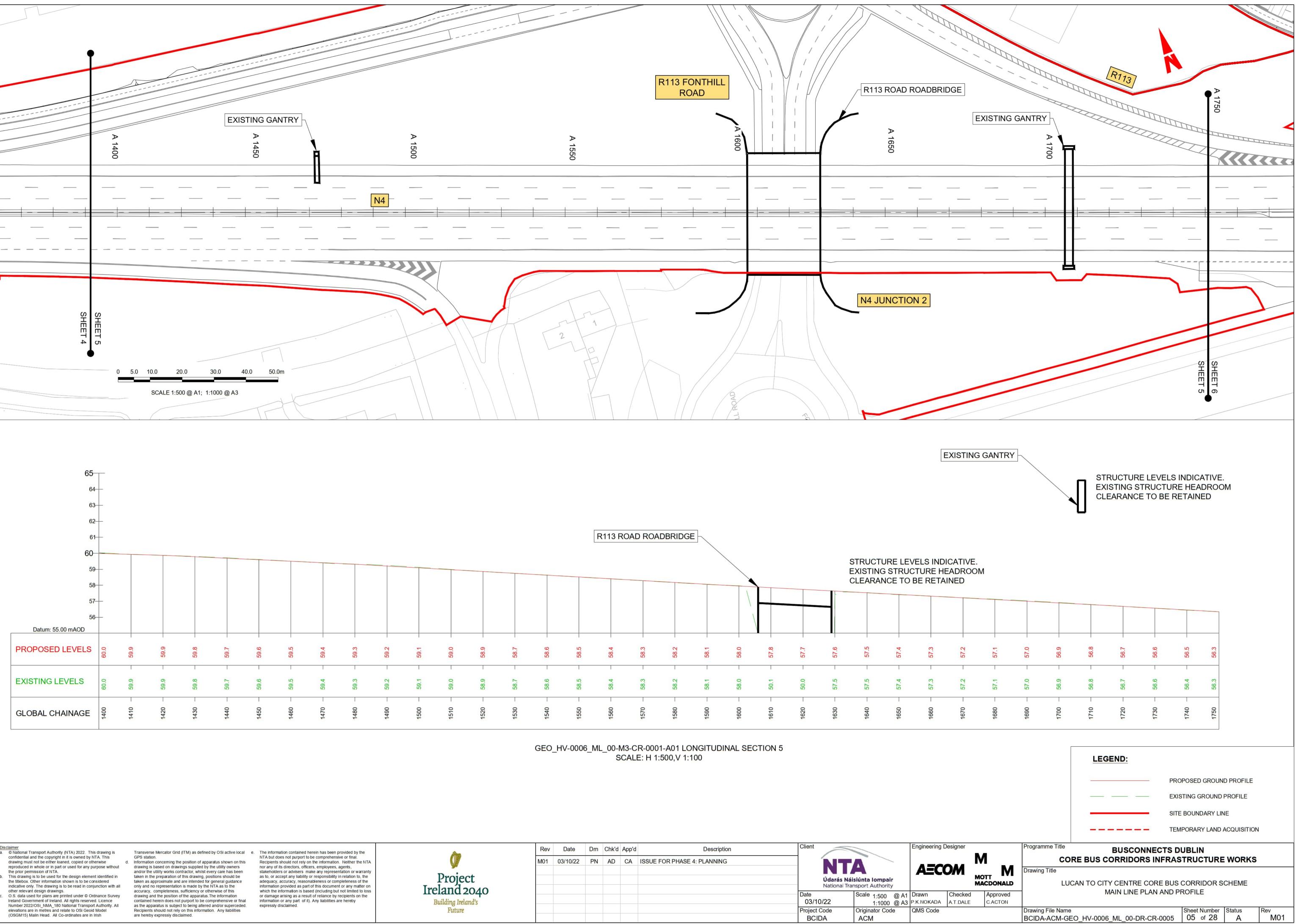
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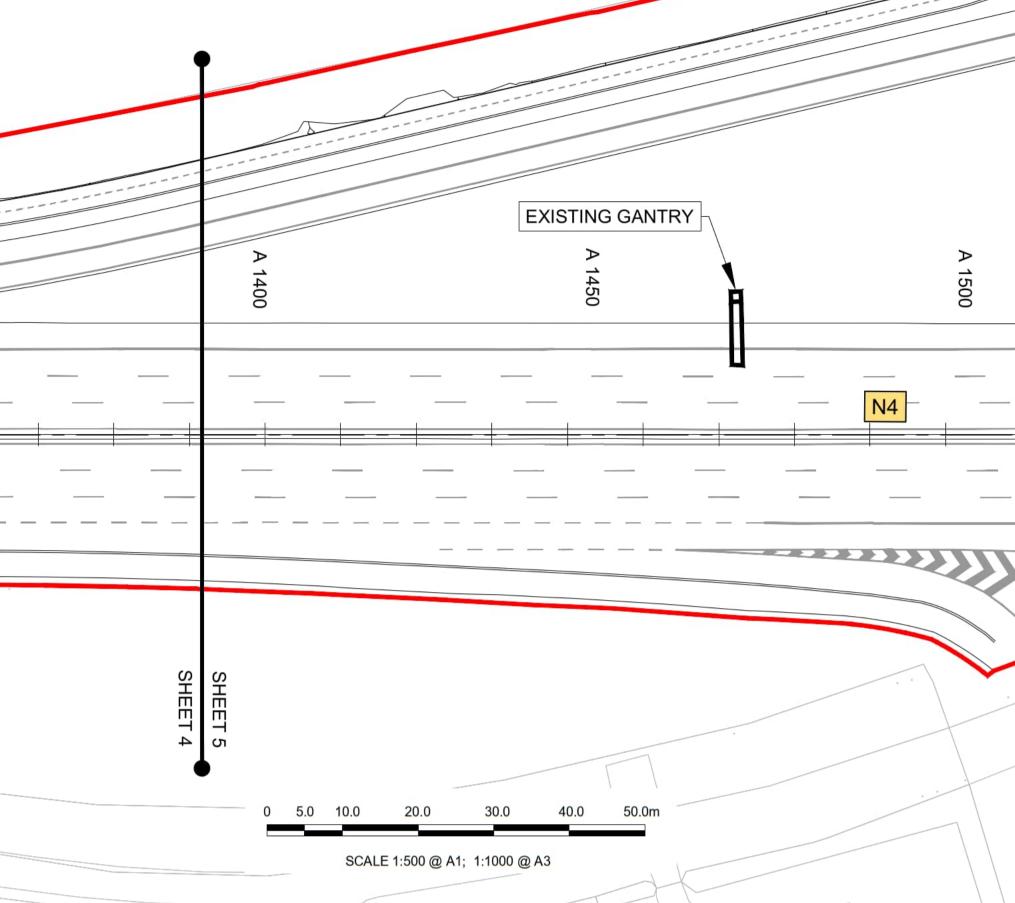
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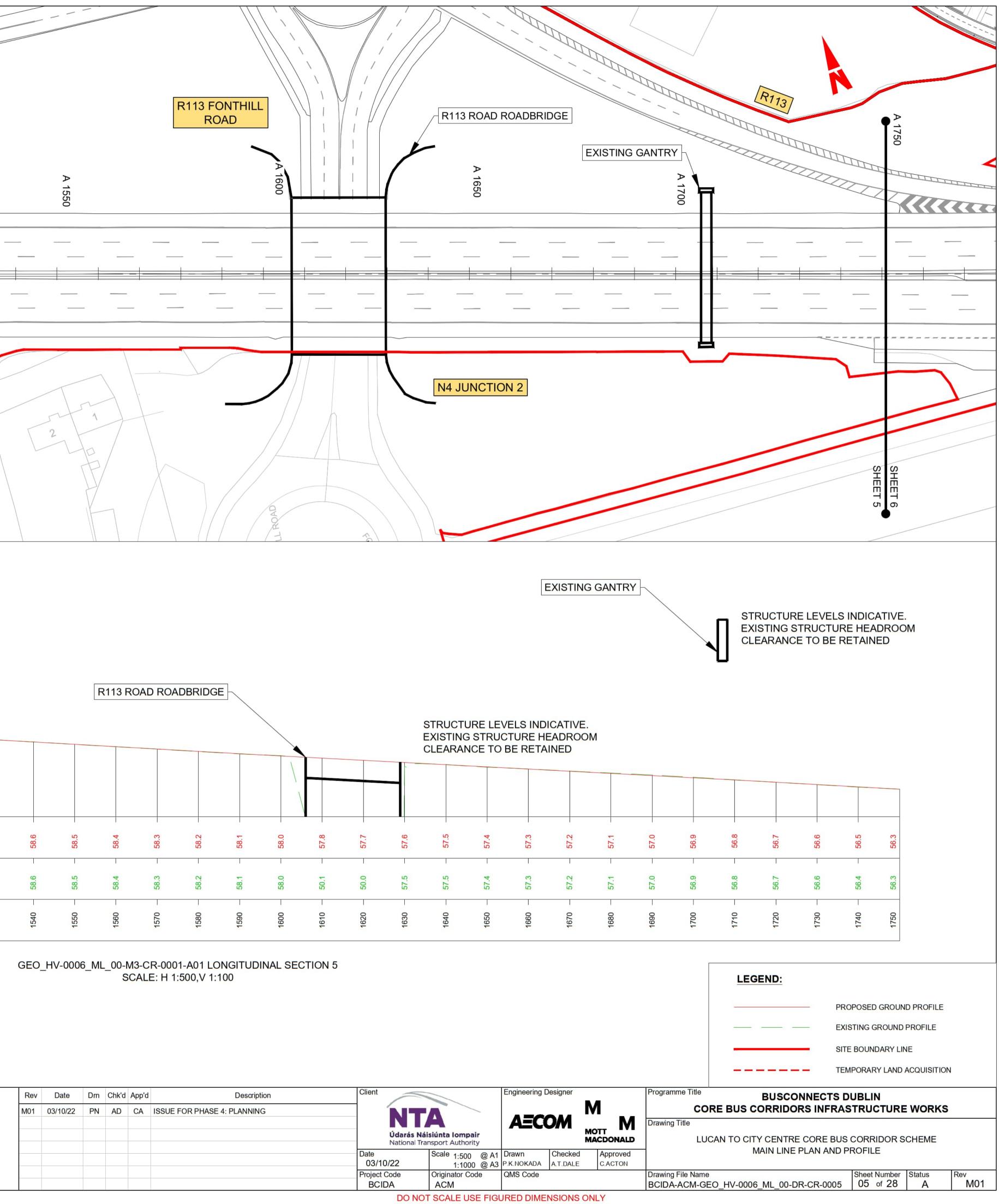
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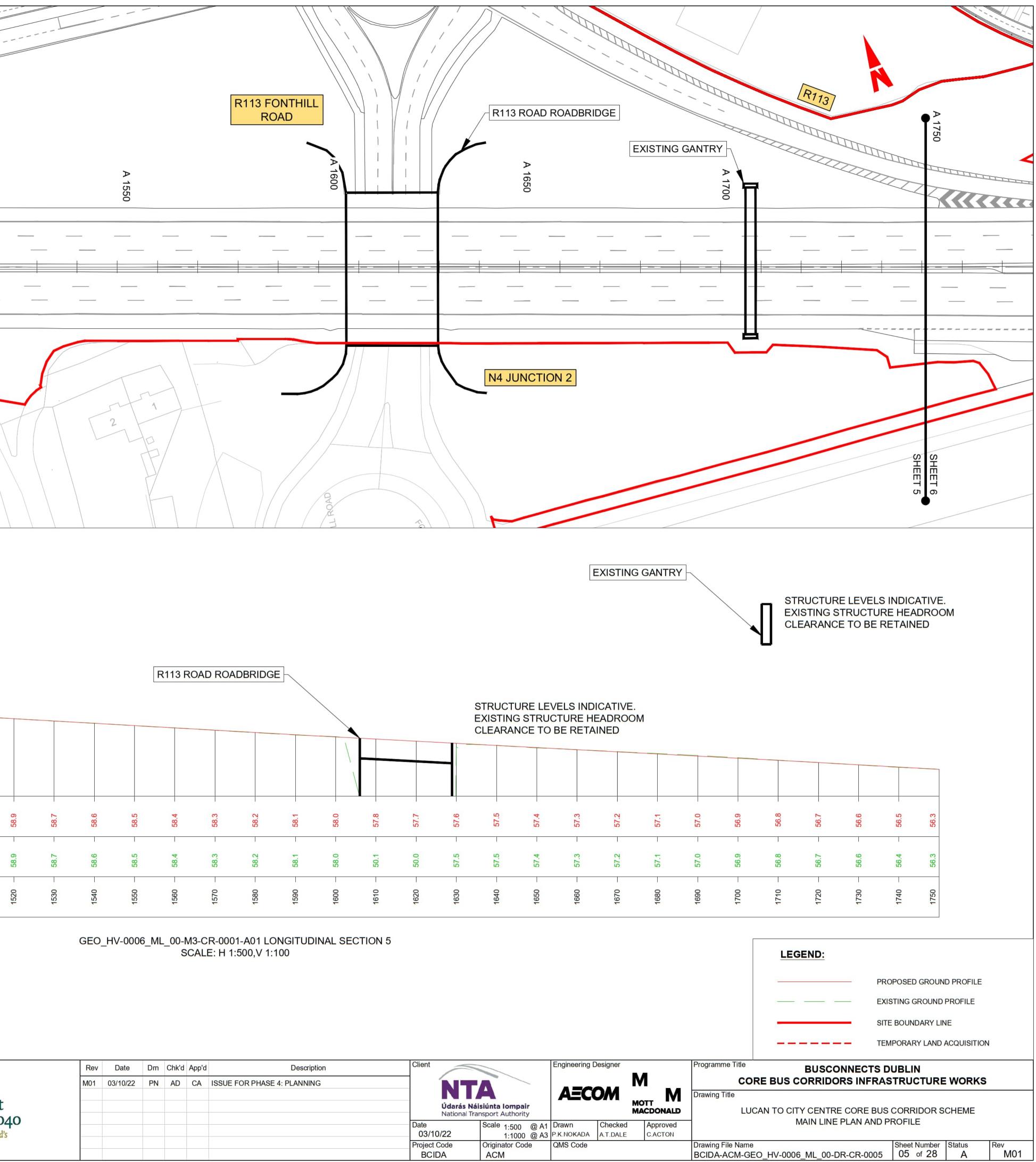
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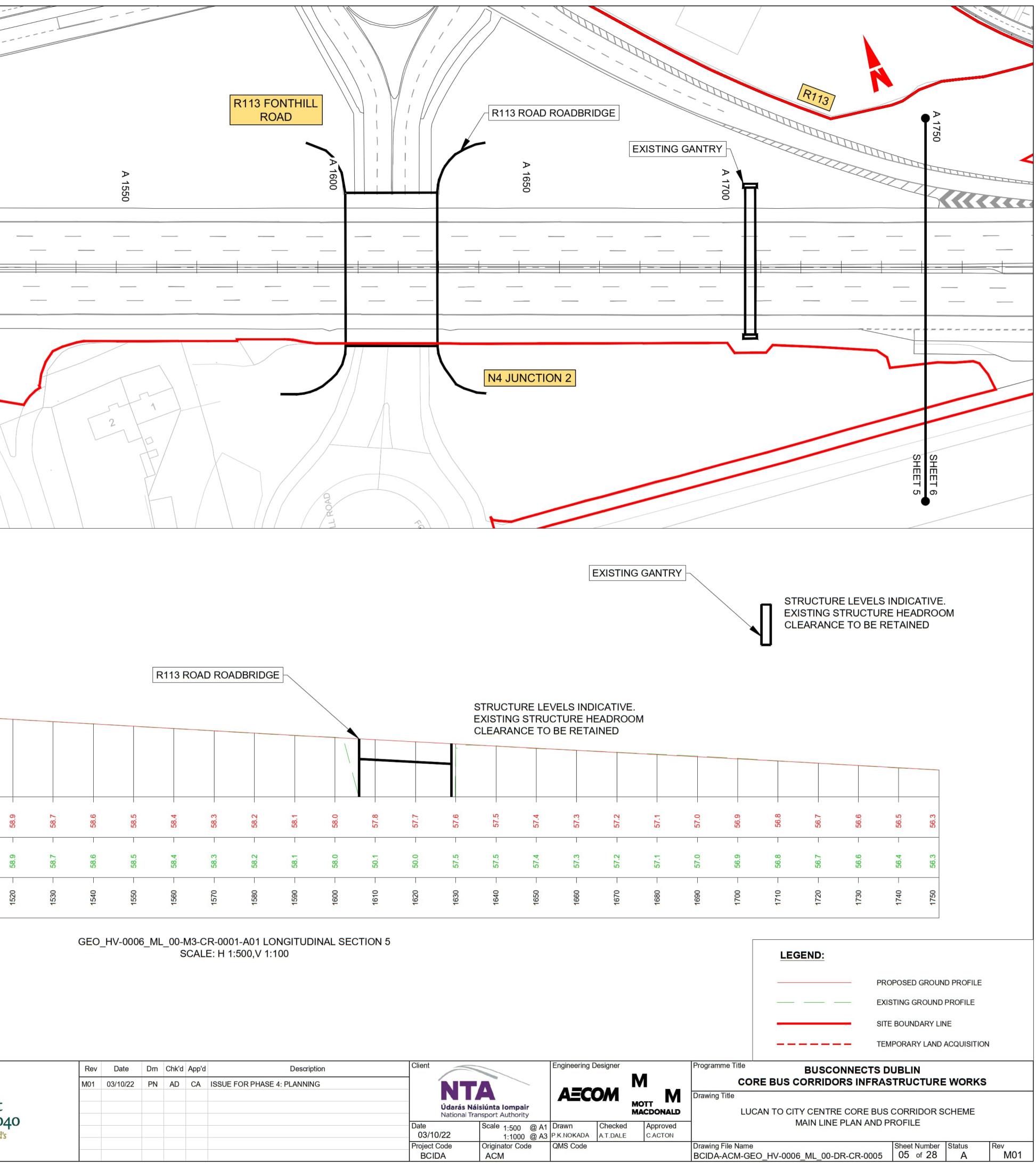


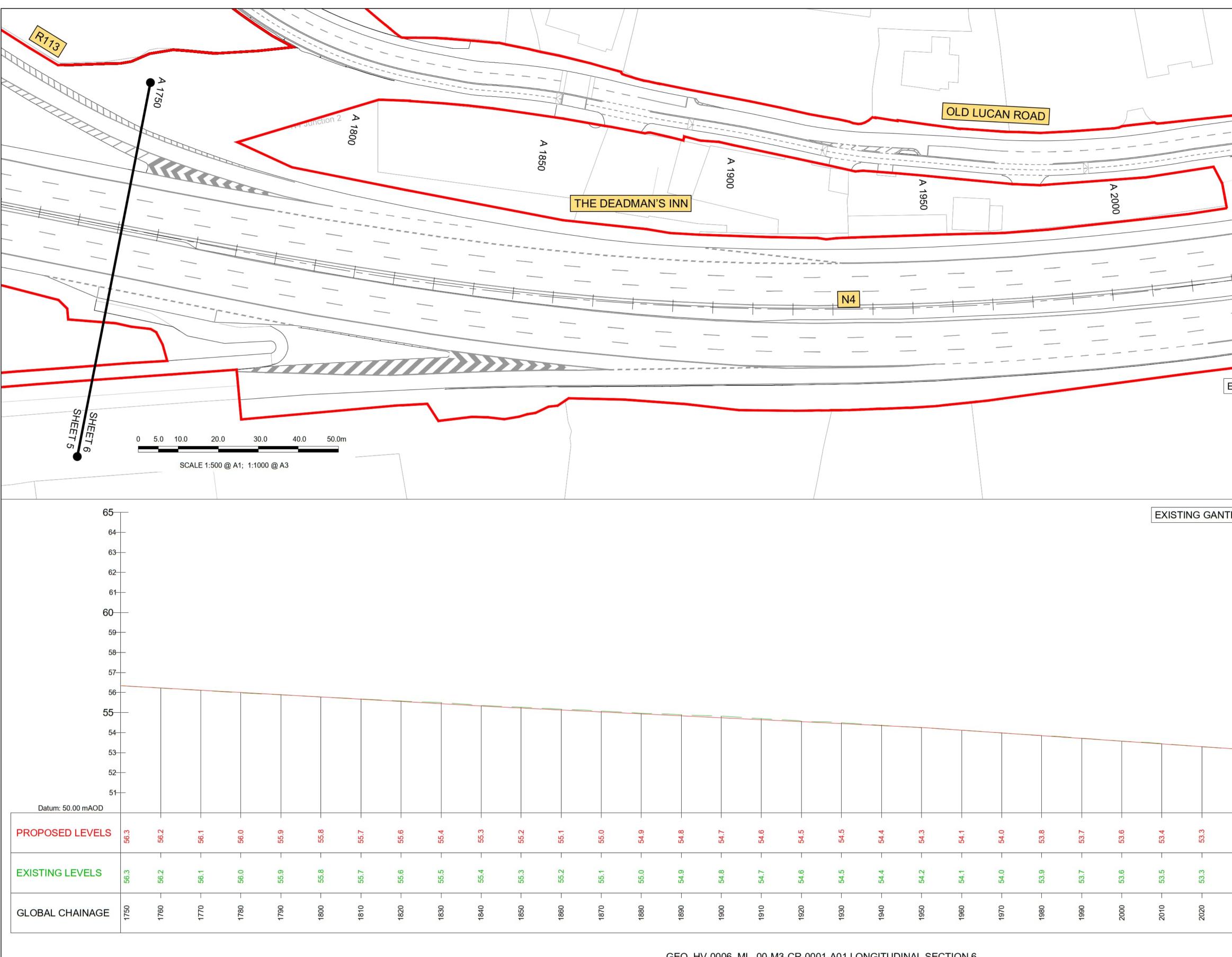












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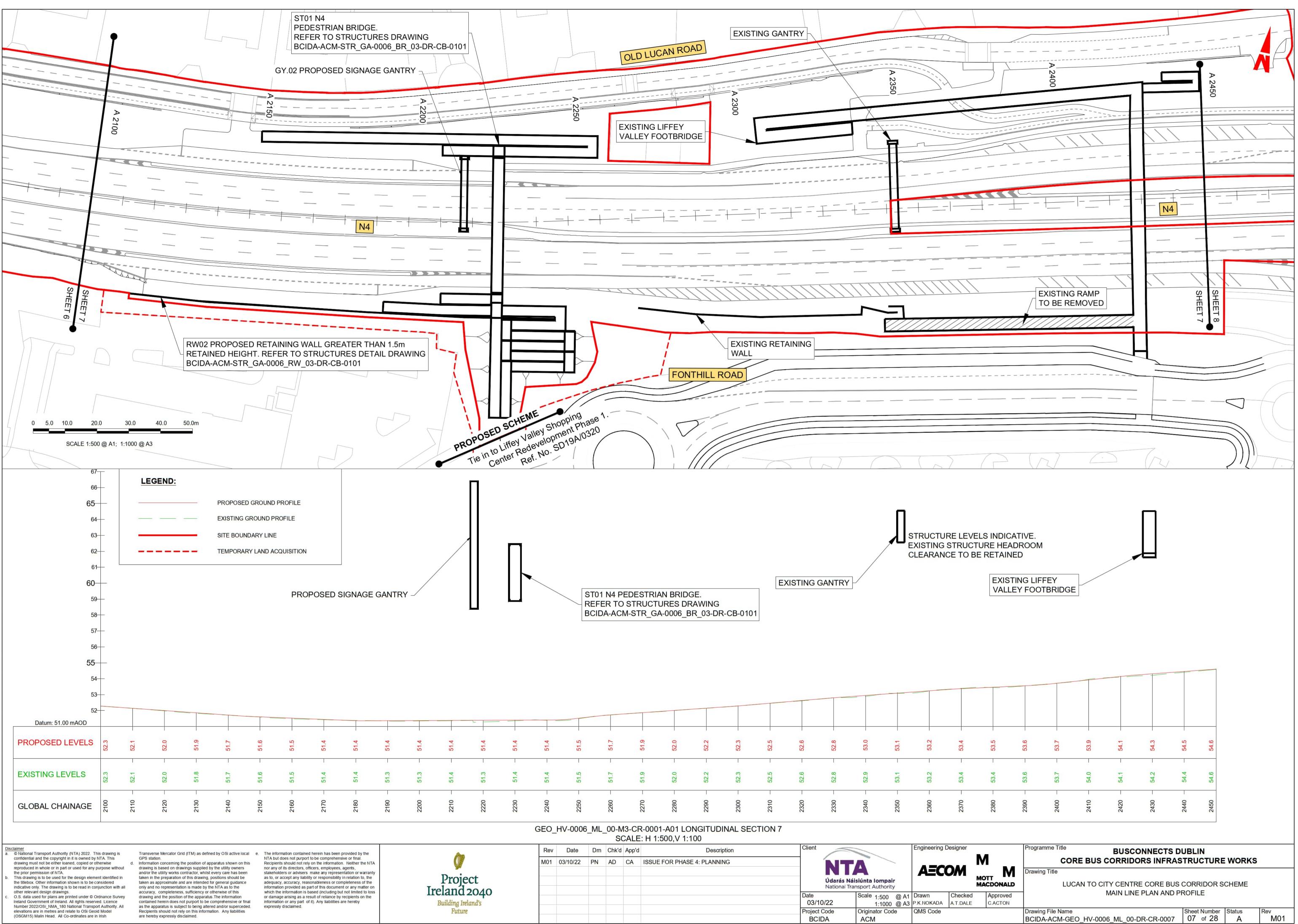
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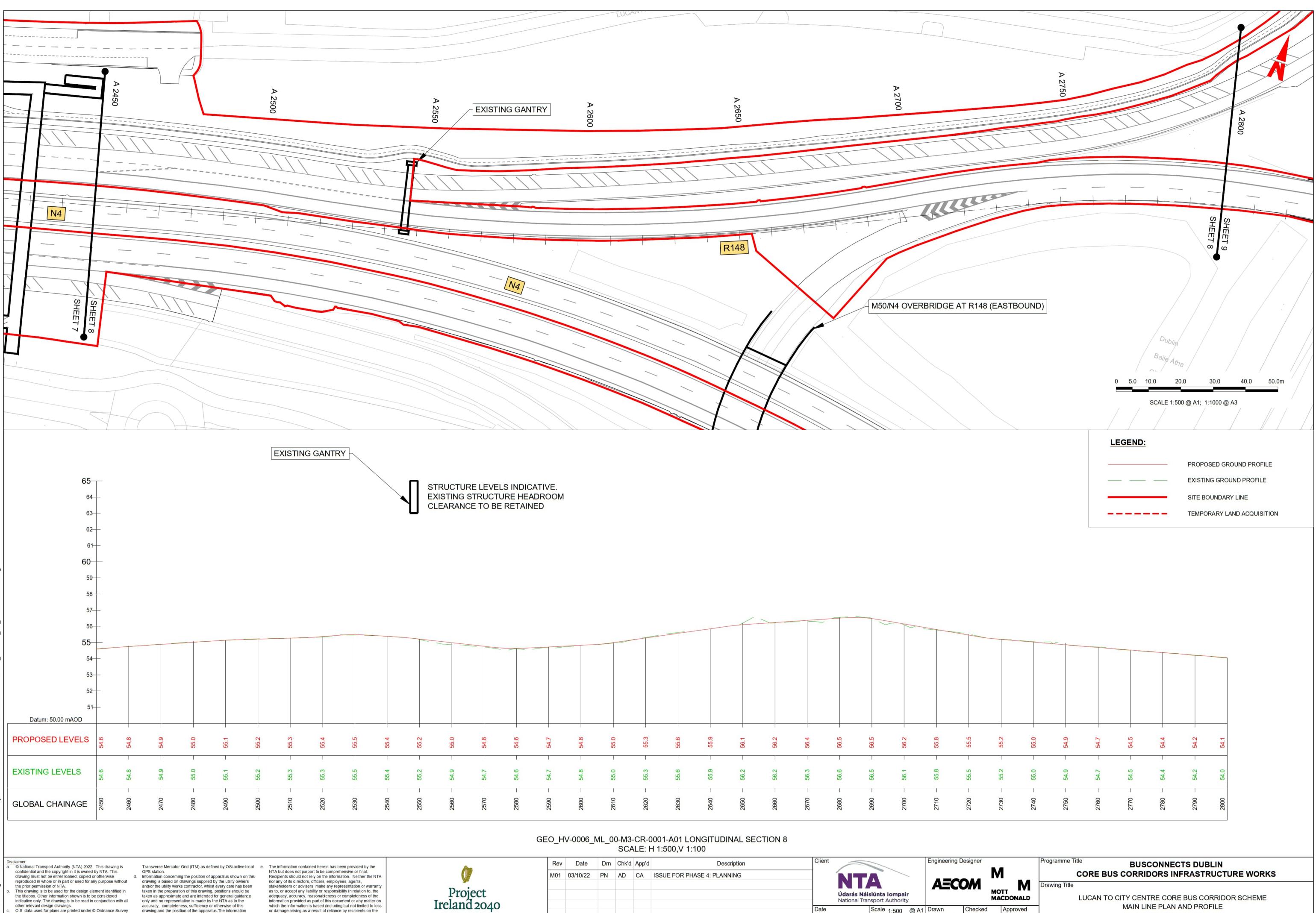
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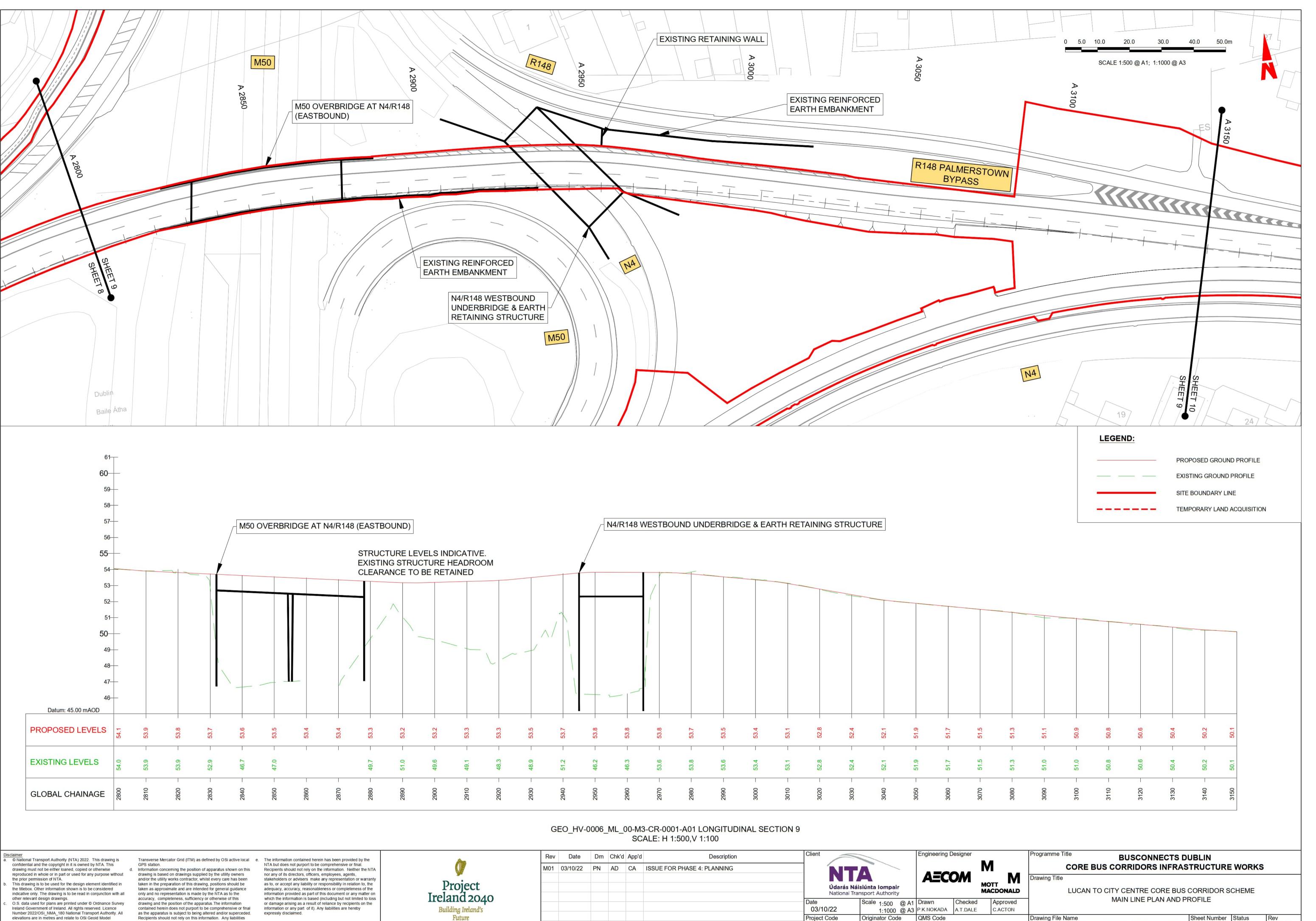
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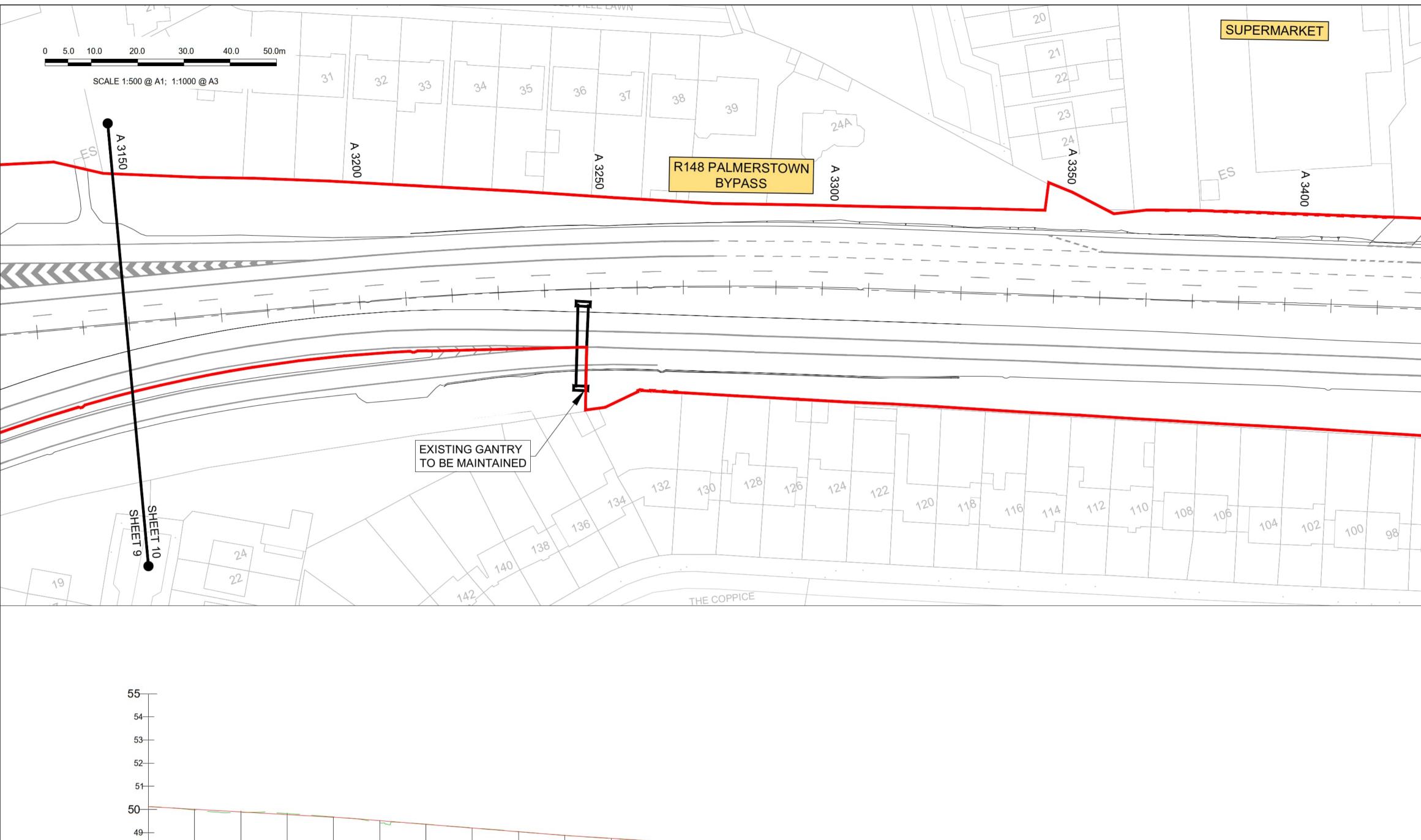
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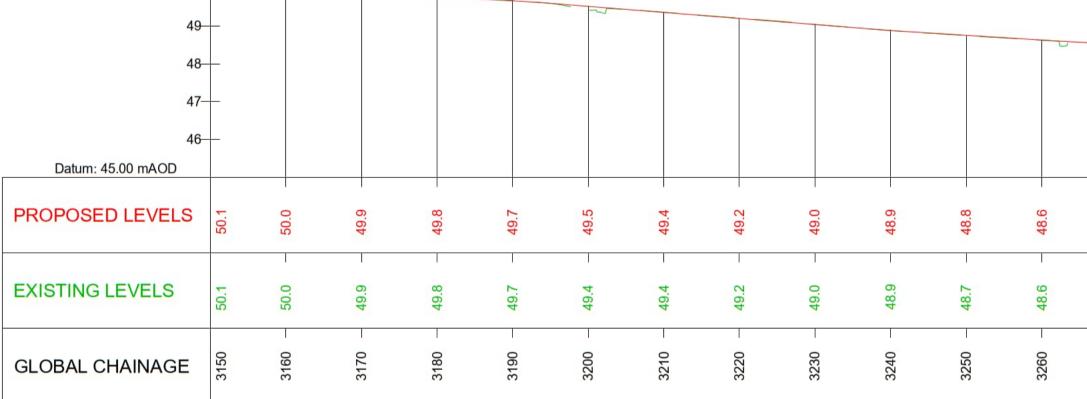
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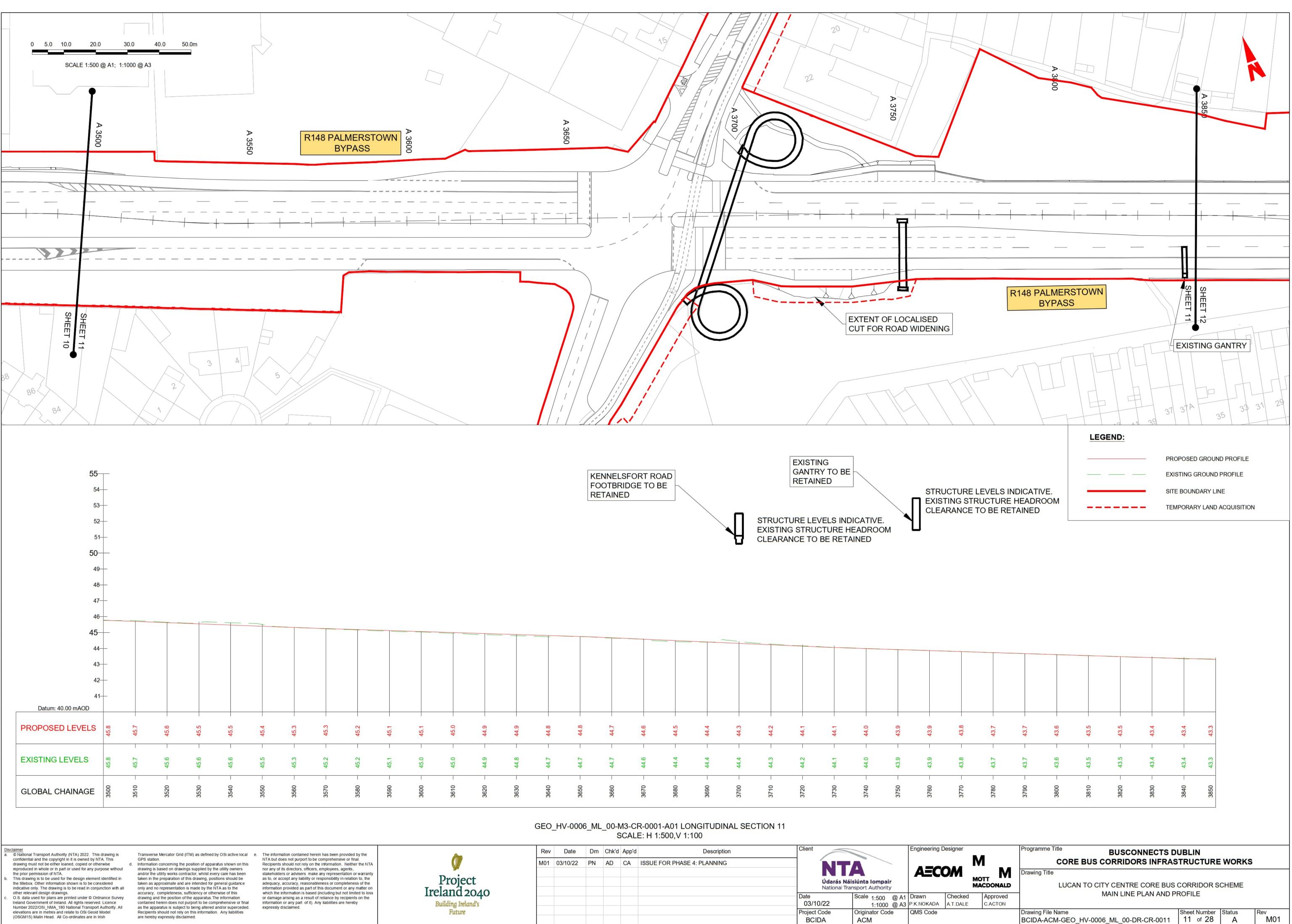




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M01



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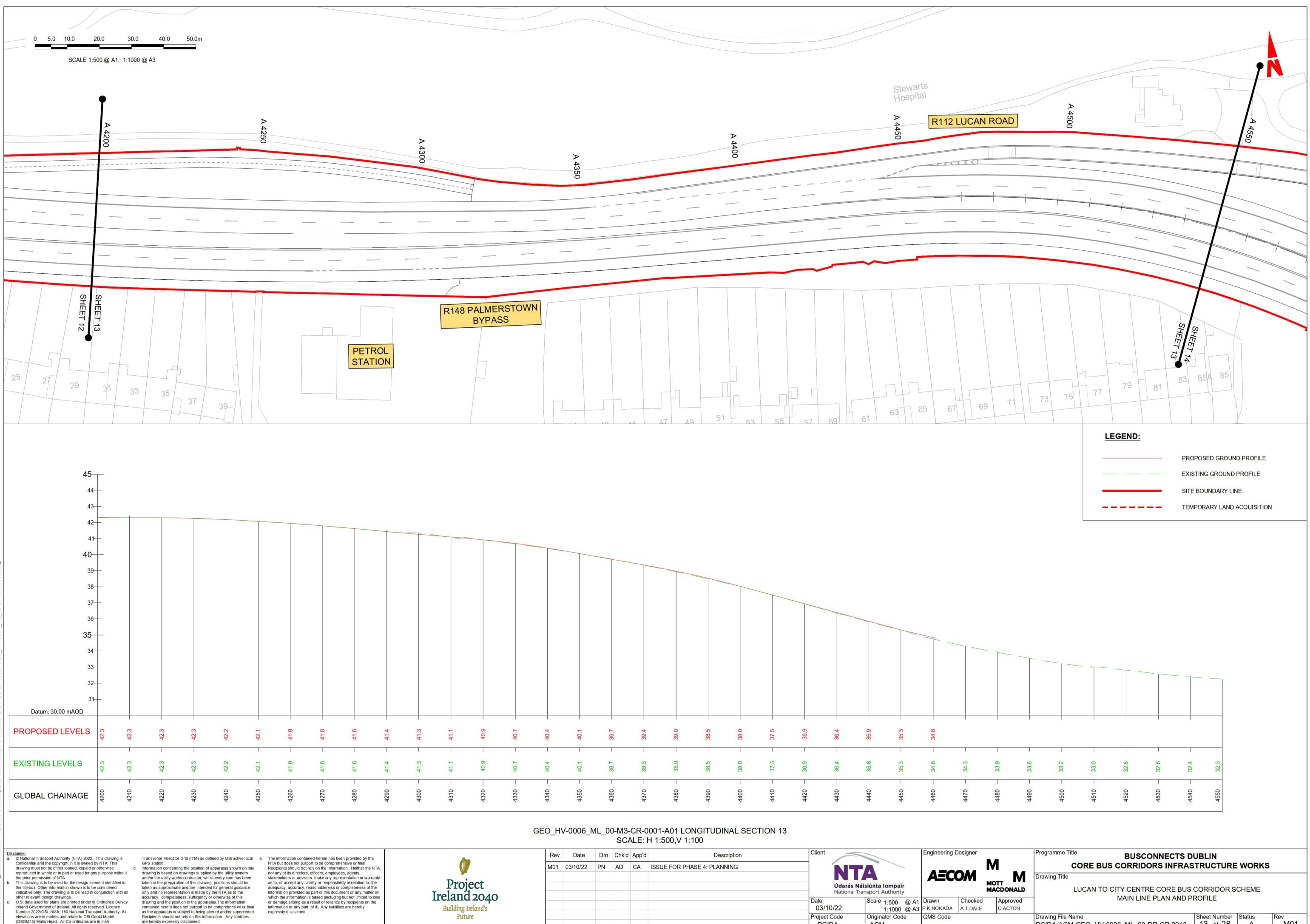
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42.5	42.5	42.4	42.2	42.2	42.2	42.1	42.1	42.0	41.9	41.9	41.8	41.9	41.9	41.9	42.0	42.0	42.0	C C4	42.2	42.3	42.3	42.3	
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- elevations are in metres and relate to OSi Geoid Model (OSGM15) Malin Head. All Co-ordinates are in Irish



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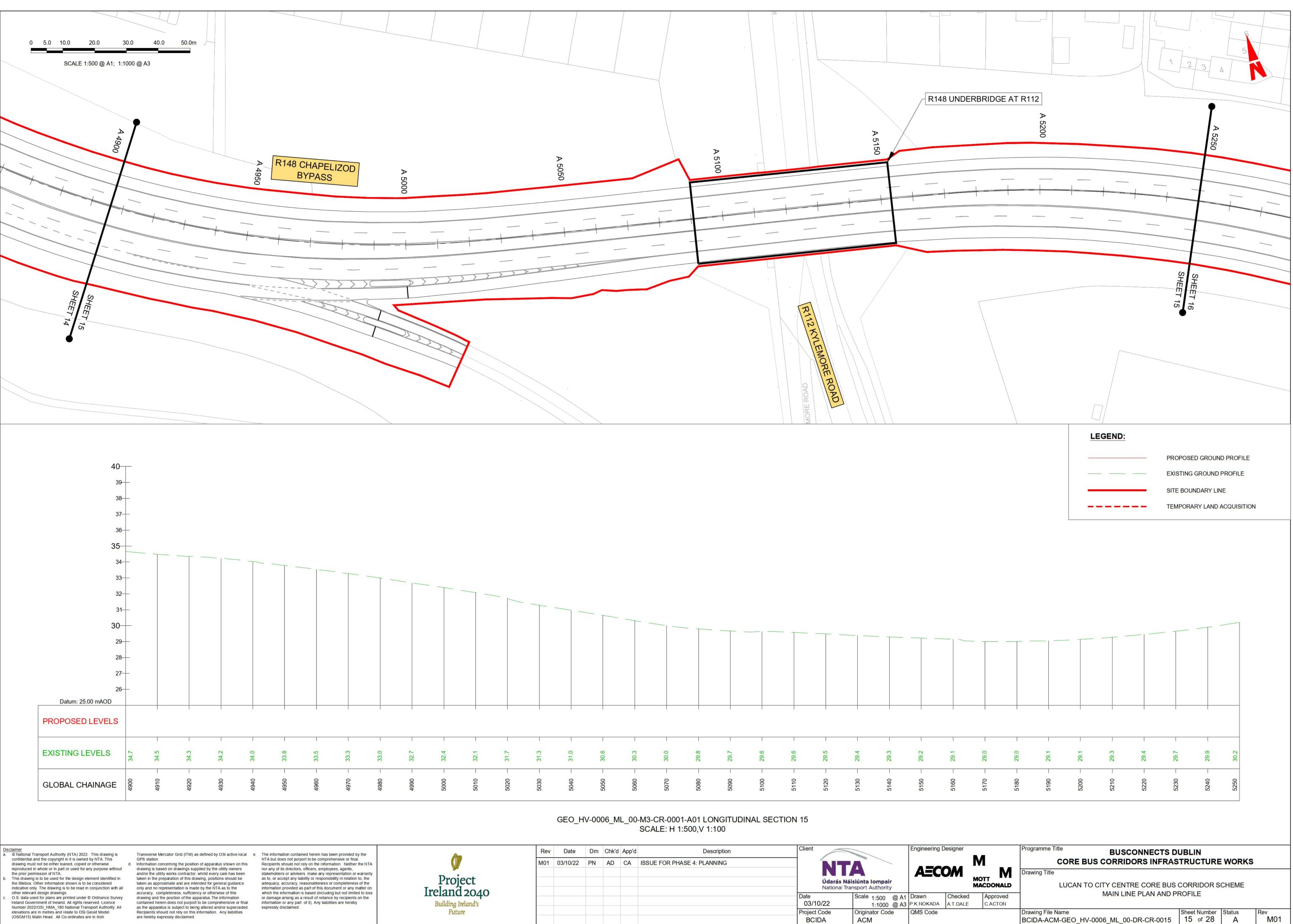
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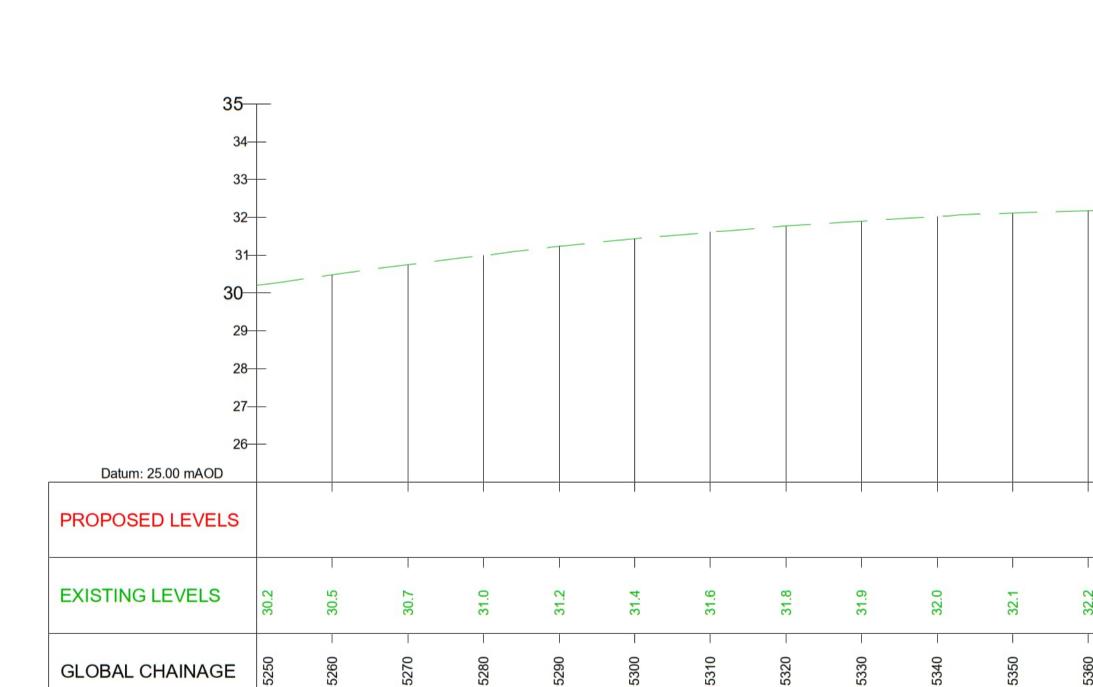


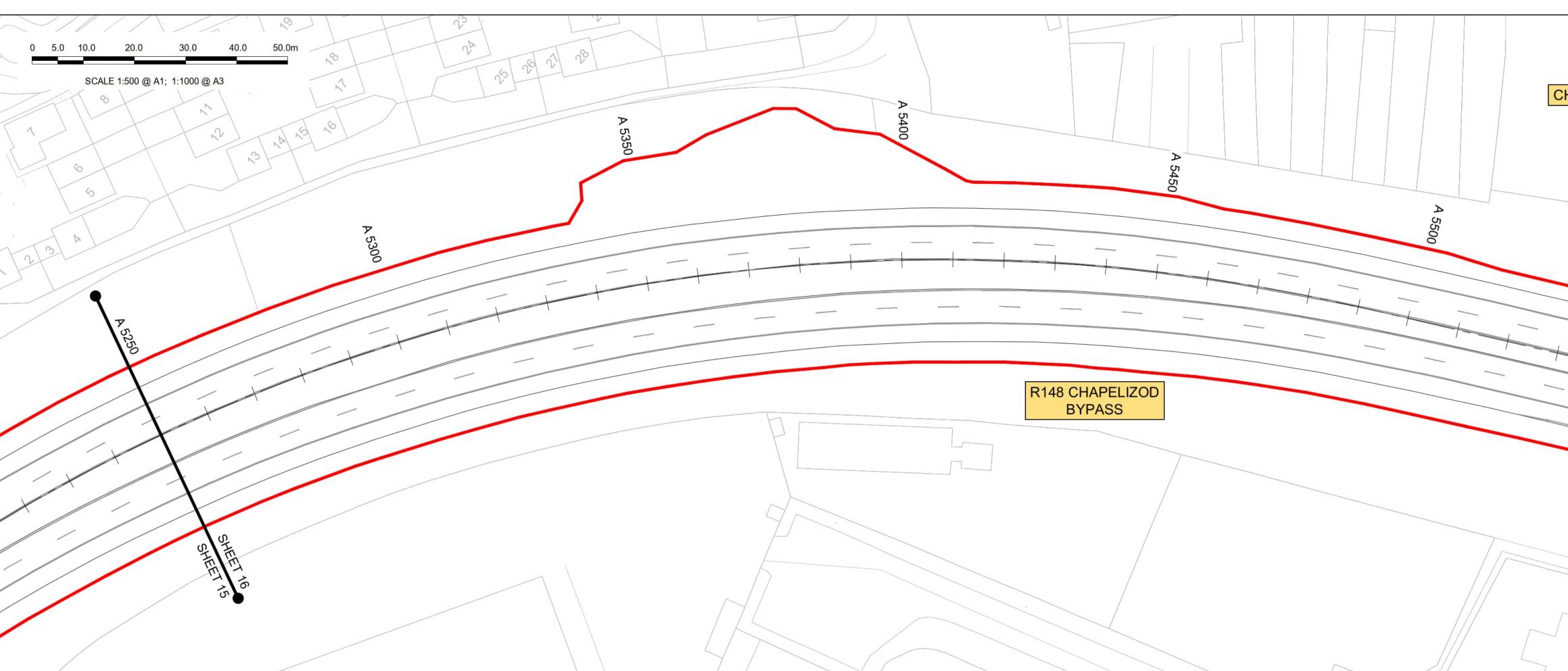


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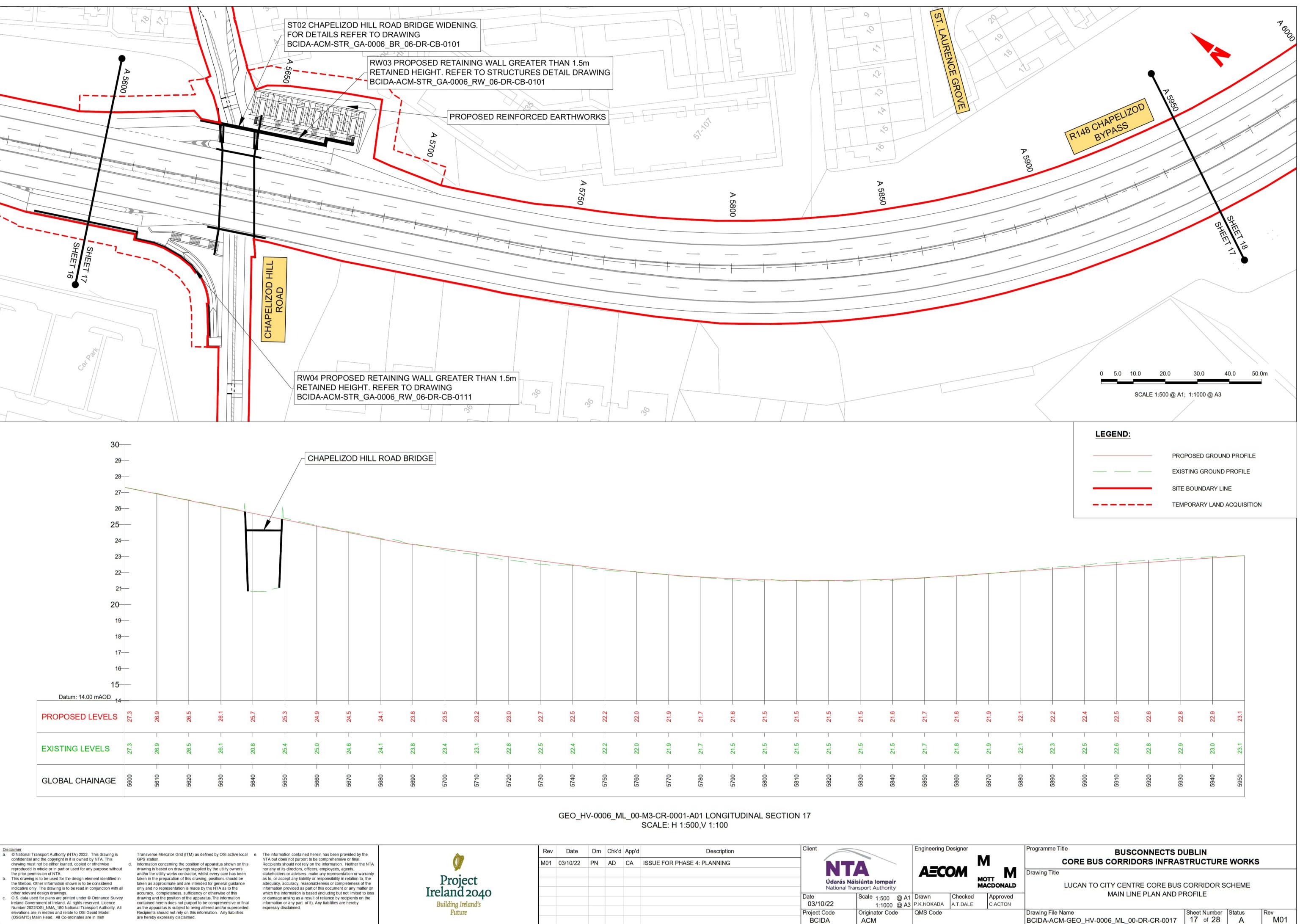


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GEO\_HV-0006\_ML\_00-M3-CR-0001-A01 LONGITUDINAL SECTION 16 SCALE: H 1:500,V 1:100

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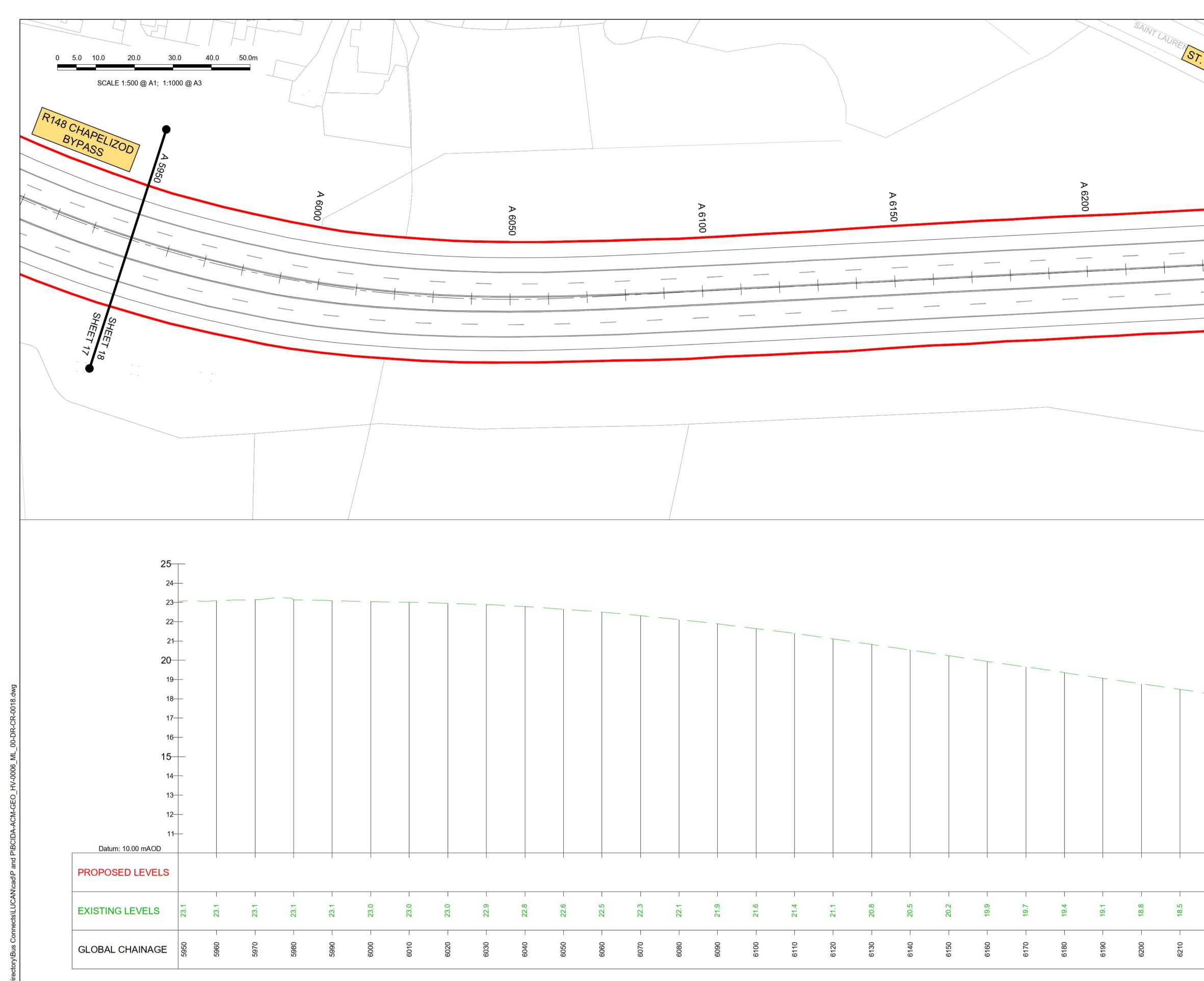


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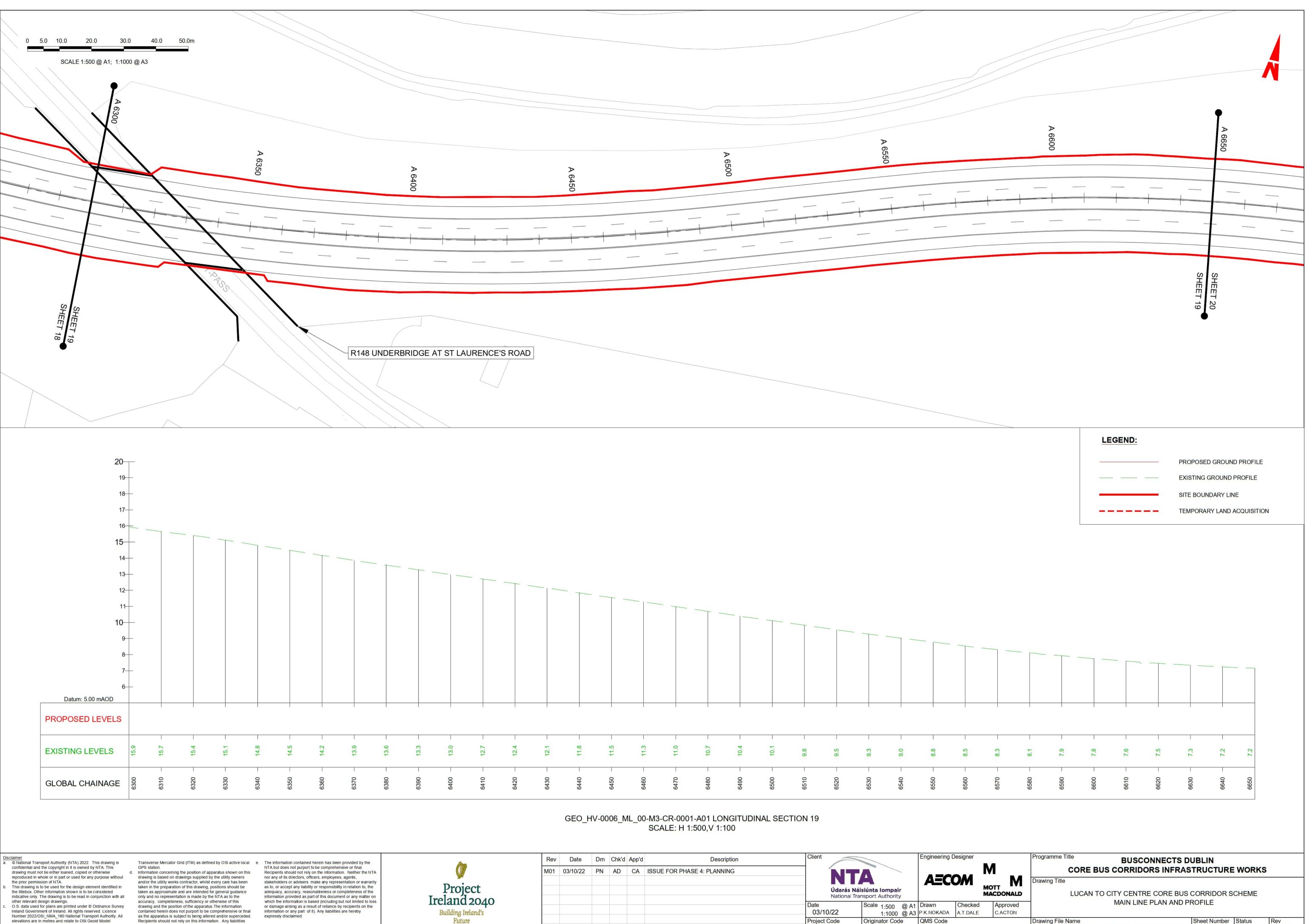
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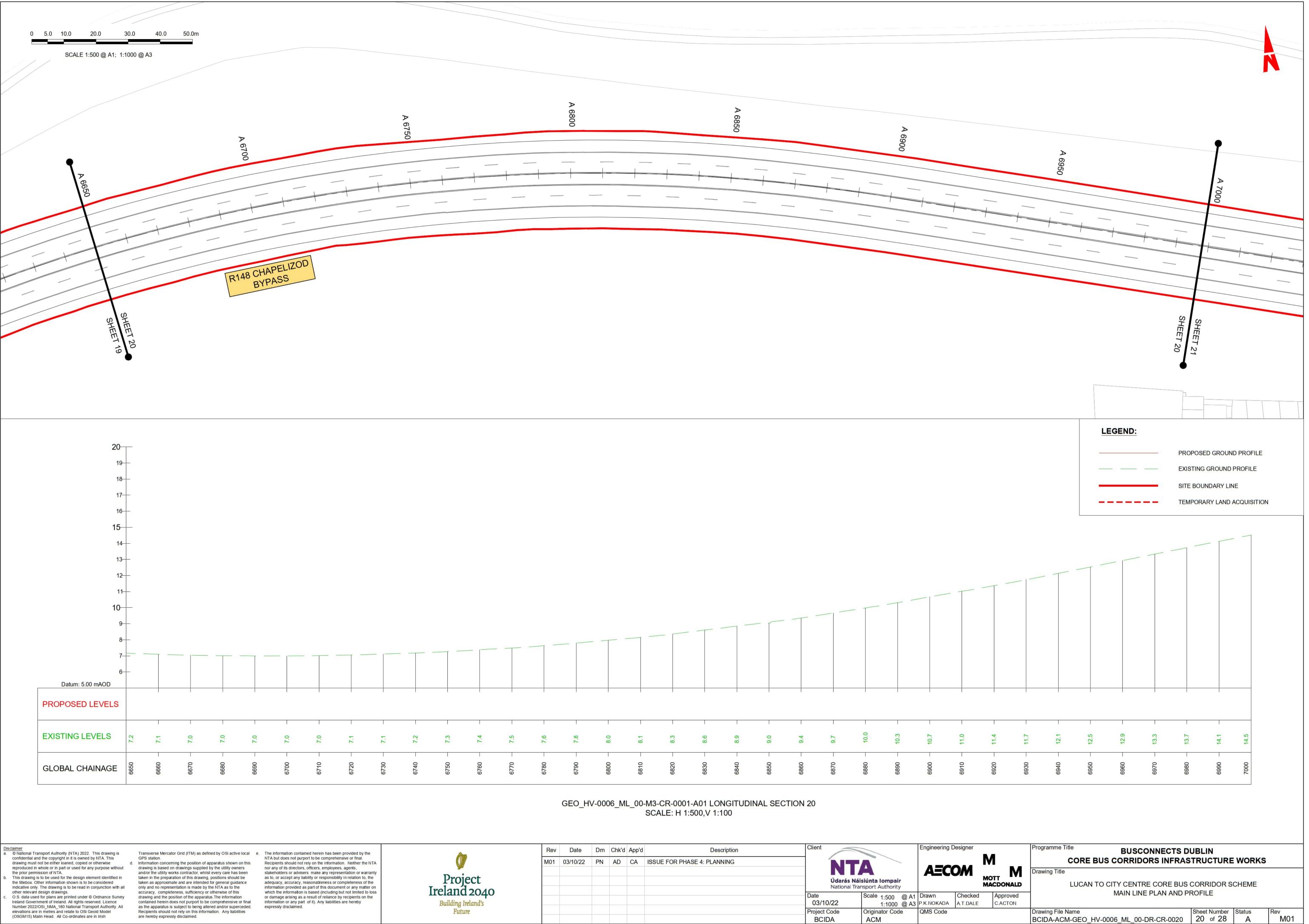
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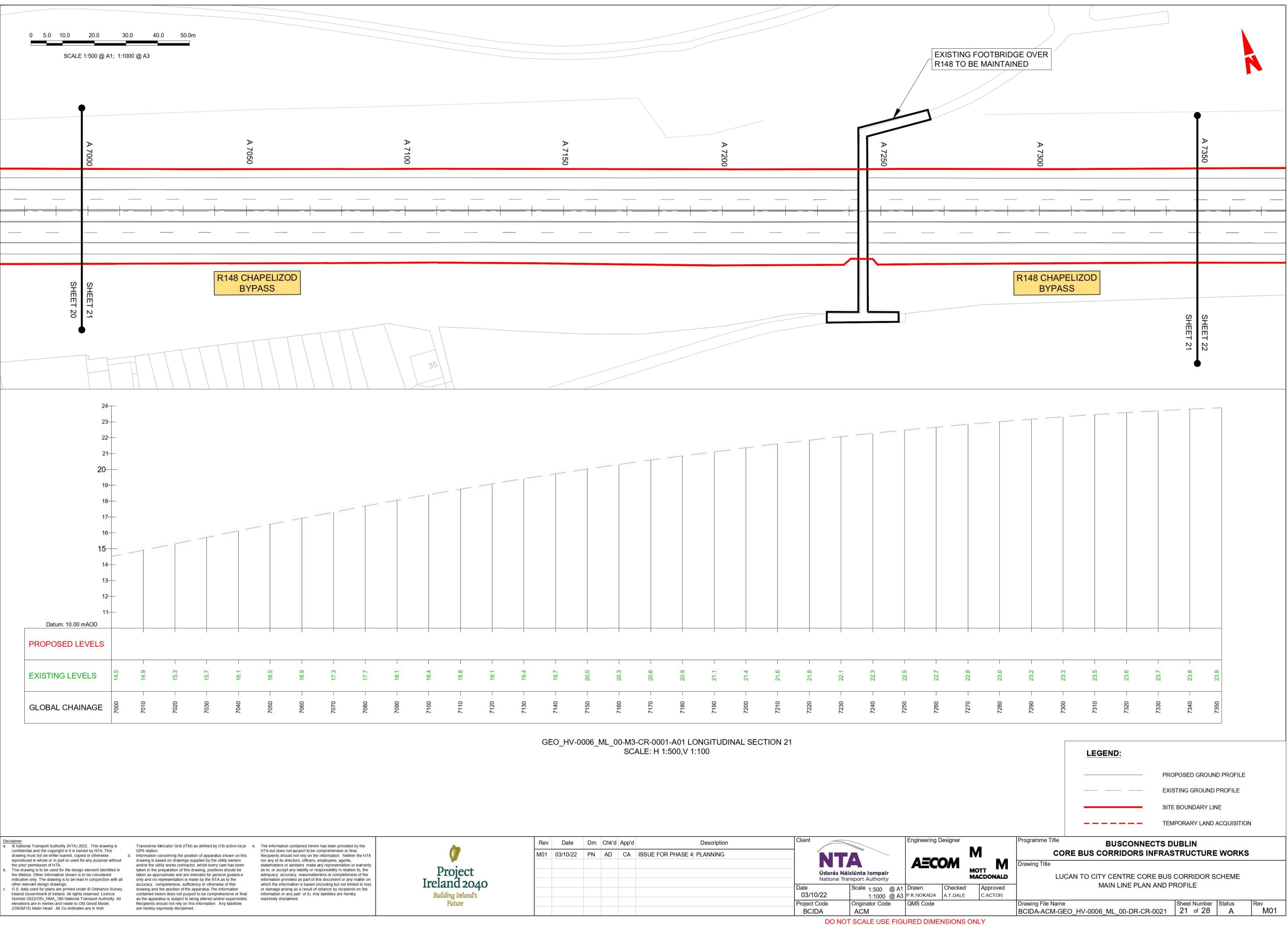
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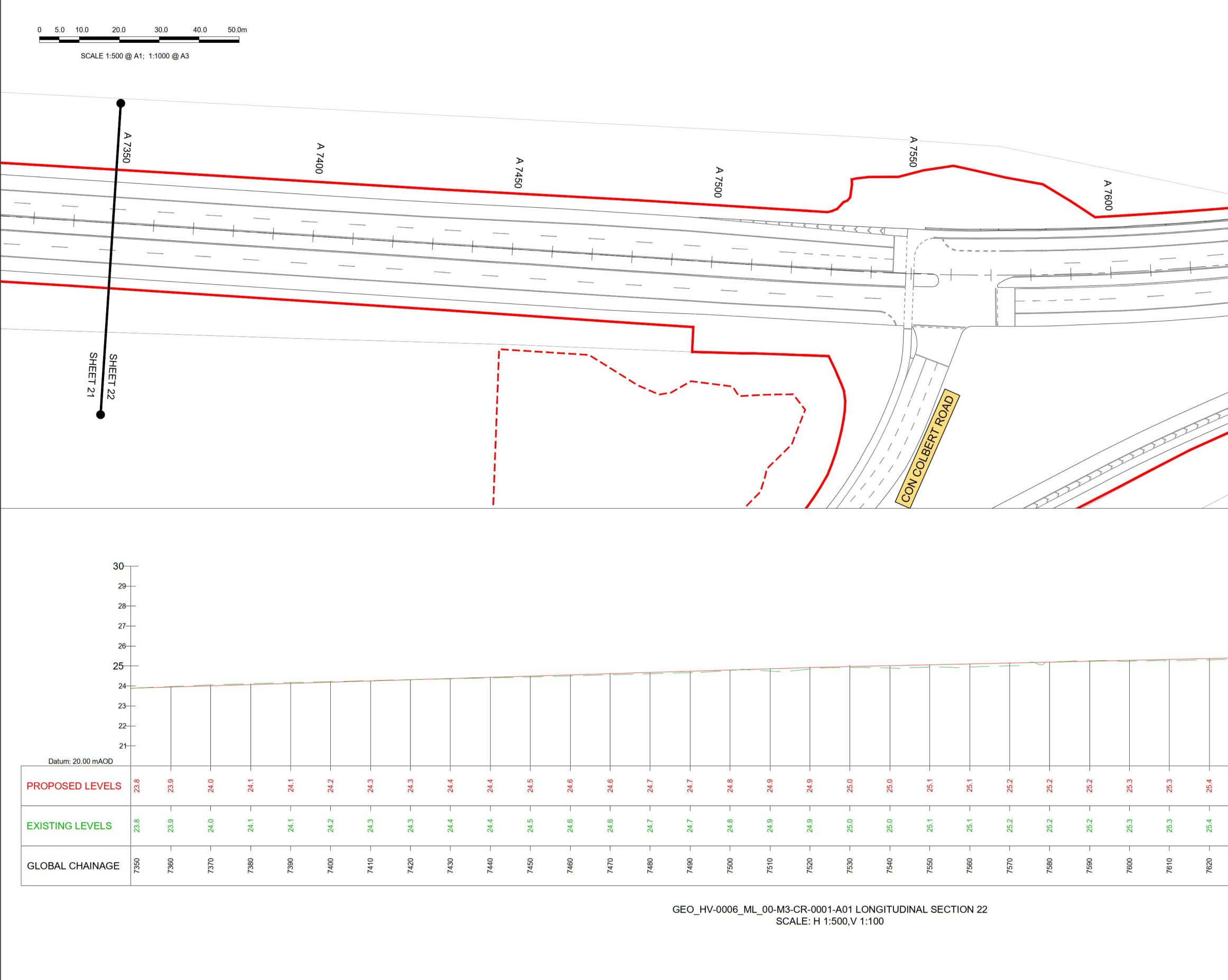
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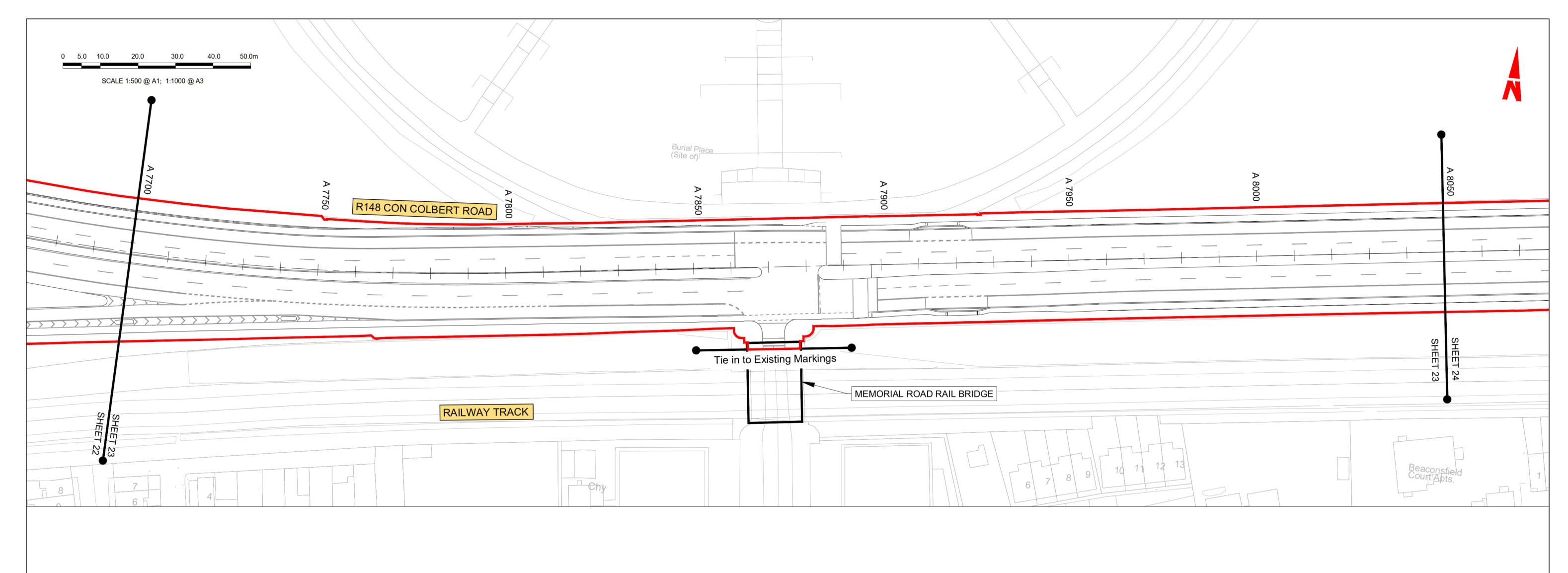


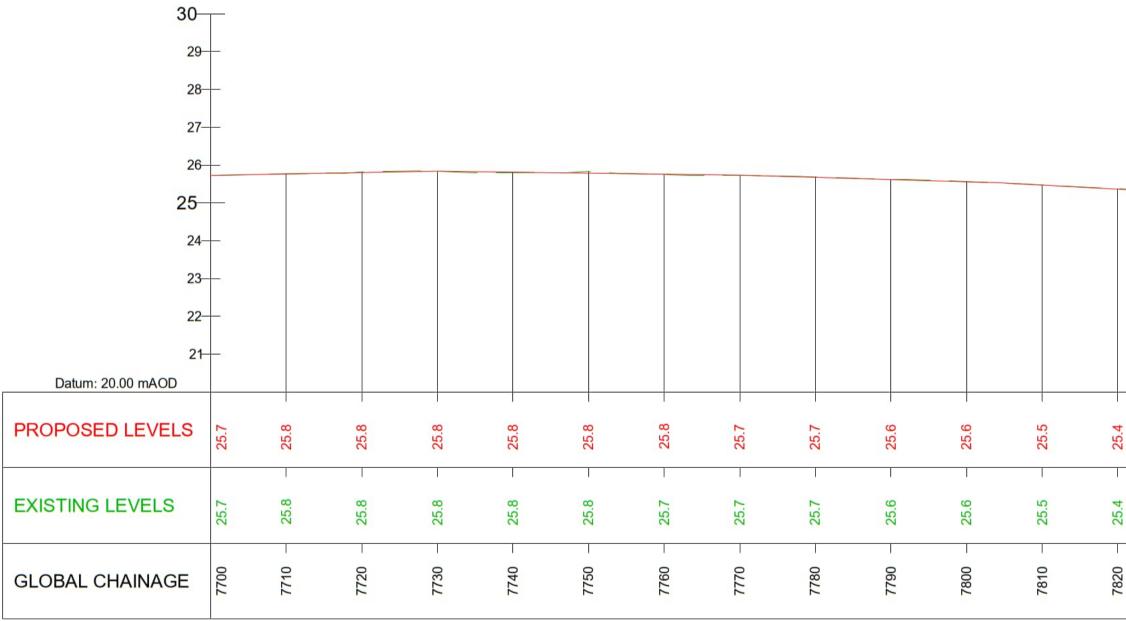
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7480 - 24.7	7490 - 24.7	7500 - 24.8		7520 – 24.9 7530 – 25.0	7540 - 25.0	7550 - 25	7560 - 25	7570 - 25.	7580 - 25.	7590 - 25	7600 - 25.	7610 - 25.3	7620 - 25.4	7630 - 25.4	7640 – 25.5	7650 - 25.5	7660 - 25.6	7670 - 25.6	7680 - 25.6	7690 - 25.7	7700 25.	
4.7 - 24.7 -	4.7 - 24.7 -	4.8 - 24.8		24.9 - 24.9 - 25.0 - 25.	5.0 25.0	25.1 - 25.1	25.1 - 25.1	25.2 - 25.2	25.2 - 25.2 -	25.2 - 25.2	25.3 - 25.3	5.3 25.3	5.4 - 25.4 -	5.4 - 25.4 -	5.5 - 25.5 -	5.5 - 25.5 -	5.6 - 25.6	5.6 - 25.6 -	5.6 - 25.6	5.7 - 25.7 -	5.7 25.7	
						COLBERTROAC									R833	CONCO	222 DLBERT	ROAD			SHEET 23	





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25.4	25.3	25.1	25.0	24.9	24.8	24.6	24.5	24.4	24.3	24.2	24.0	23.9	23.8	23.7	23.5	23.4	23.3	23.1	23.0	22.9	22.7	22.6	22.5
25.4	25.3	25.2	25.0	24.9	24.7	24.6	24.5	24.4	24.2	24.1	23.9	23.8	23.7	23.6	23.4	23.3	23.2	23.0	22.9	22.8	22.6	22.5	22.4
7820	7830 -	7840 -	7850 -	7860 -	7870 -	7880 -	7890 -	- 0062	7910 -	7920	7930 -	7940	7950 -	7960 -	- 0/6/	7980	- 0662	8000	8010 -	8020 -	8030 -	8040	8050

GEO_HV-0006	_ML_C		0001-A01 LONG H 1:500,V 1:100	GITUDINAL SECTION 23						LEGEND:		
											PROPOSED GROUND PROFILE	
											EXISTING GROUND PROFILE	
											SITE BOUNDARY LINE	
											TEMPORARY LAND ACQUISITION	1
 Rev Date M01 03/10/22		Chk'd App'd		Description	Client		Engineering Designer	Μ	Programme Title	BUSCONNEC		
Rev         Date           M01         03/10/22			ISSUE FOR PHASE 4		NT Údarás N	A Aáisiúnta Iompair Transport Authority	Engineering Designer	M MOTT MACDONALD	COF Drawing Title	RE BUS CORRIDORS IN	TS DUBLIN FRASTRUCTURE WORKS	
					NT Údarás N	láisiúnta lompair	<b>AECOM</b> Drawn Checked	MOTT MACDONALD Approved	COF Drawing Title	RE BUS CORRIDORS IN	TS DUBLIN FRASTRUCTURE WORKS	

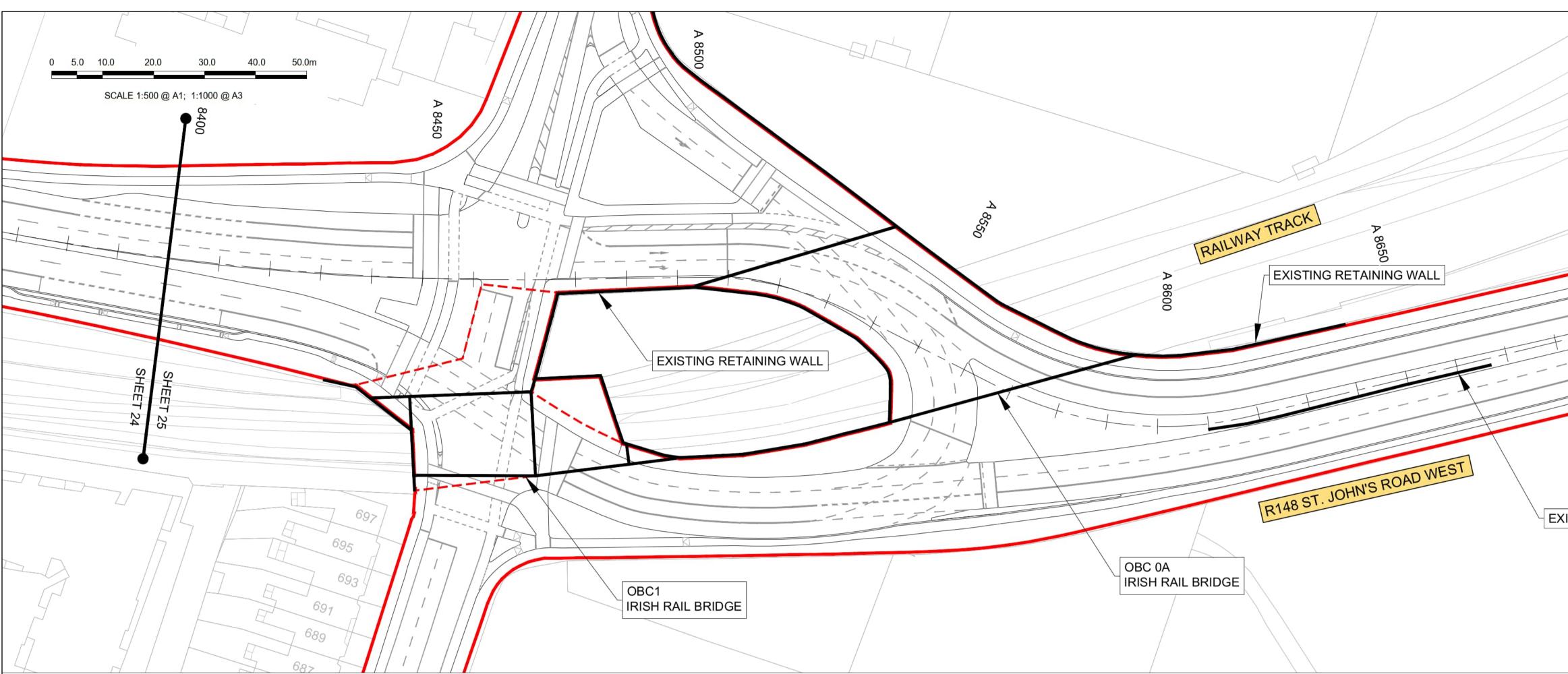
UNALD	LUCAN TO CITT CENTRE CORE BUS		CHEME	
proved ACTON	MAIN LINE PLAN AND P	ROFILE		
	Drawing File Name BCIDA-ACM-GEO_HV-0006_ML_00-DR-CR-0023	Sheet Number 23 of 28	Status A	Rev M01
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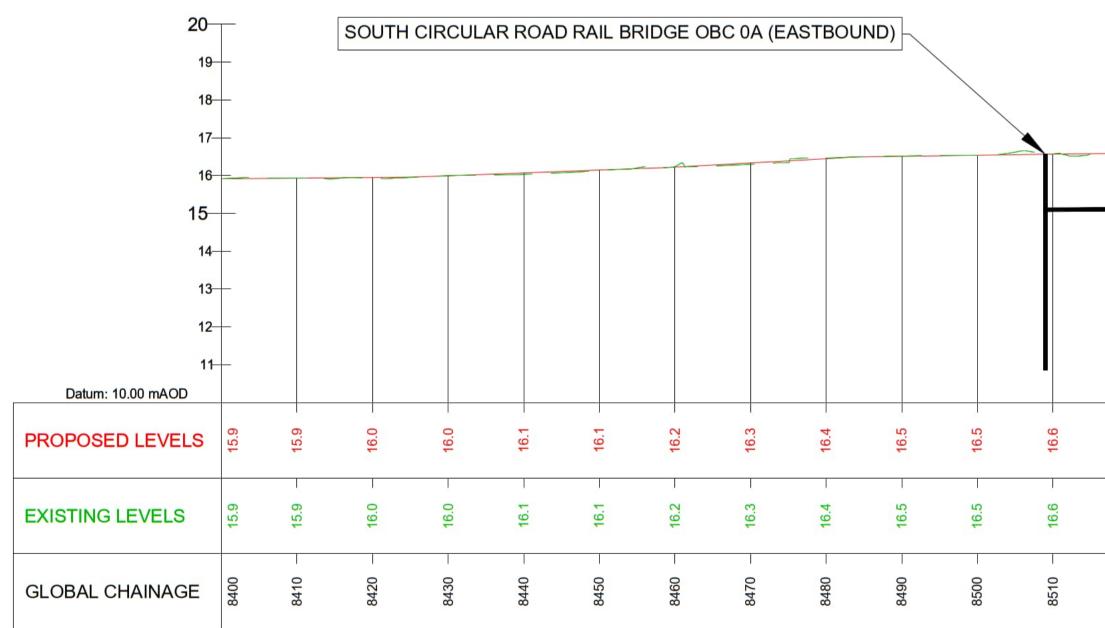


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			A 8200					A 8250					A 8300	11	0		11	A 8350					00		
																CC	ON CO	LBERT	ROAD					ALEET 25	
															/										
20.5	20.3	20.0	19.8	19.6	19.4	19.2	19.0	18.7	18.5	- 18.3	18.1	17.8	17.6	17.4	17.2	16.9	16.7	16.5	16.4	16.2	16.1	16.0	15.9		
8170 - 20.5 -	8180 - 20.3	8190 - 20.1	8200 - 19.8 -	8210 - 19.6	8220 - 19.4 -	8230 - 19.2	8240 - 19.0	8250 - 18.7	8260 - 18.5	8270 - 18.3 -	8280 - 18.1	8290 - 17.8	8300 - 17.6	8310 - 17.4	8320 - 17.1 -	8330 - 16.9	8340 - 16.7 -	8350 - 16.5	8360 - 16.4	8370 - 16.2	8380 - 16.0	8390 - 16.0	8400 15.9		
		GEO_H	V-0006_N	ИL_00-МЗ- SC/		1-A01 LON :500,V 1:1		NAL SEC	CTION 24											EGEND:		EXISTIN SITE BO	g groun Undary I	ND PROFILE D PROFILE INE D ACQUISITIC	
Ct 2040 and's		Rev M01	Date 03/10/22	Dm Chk'd PN AD		UE FOR PHA		ription		Proje	Údarás Nationa 8/10/22 act Code CIDA	Origina ACN	1:500 @ A 1:1000 @ A ator Code 1		e	Mott MACDONAL ed Approved E C.ACTON	Drai D D Drai	wing Title	ORE BUS	S CORRI CITY CEN MAIN LI	TRE CORE	E BUS CO	RRIDOR	E WORKS	Rev M01





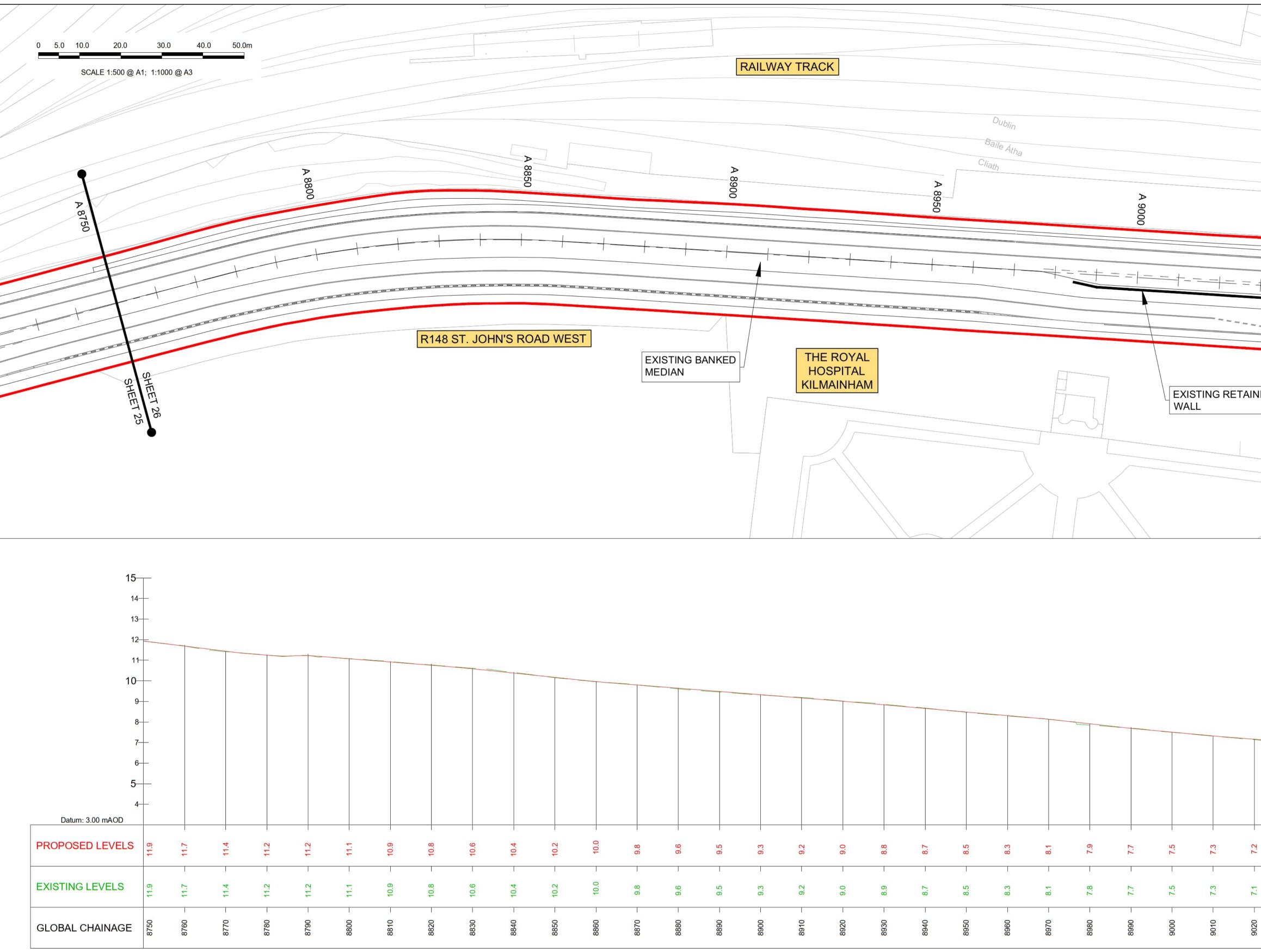
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NG WALL			A 8550				A 8600	AILWAY			P 8650 AINING	WALL				A 8700				9750 SHEL	SHEET 26	
						OBC	OA RAIL BR		R148 S7	r. John	N'S ROA	AD WES	ST	E	XISTING RE	TAINING W	ALL					
8530 - 16.6	8540 - 16.6 - 16.6 -	8550 - 16.7 - 16.7 -	8560 16.9 16.9	8570 - 16.9 - 16.9 -	8580 - 17.0 - 17.0 -	8590 - 16.9 - 16.9 -	8600 16.9 16.9	8610 - 16.9 - 16.9	8620 - 16.7 - 16.7 -	8630 - 16.4 - 16.4 -	8640 - 16.1 - 16.1 -	8650 - 15.8 - 15.8 -	8660 - 15.4 - 15.4 -	8670 - 15.0 - 15.0 -	8680 - 14.5 - 14.5	8690 - 14.1 - 14.1 - 14.1 - 14.1 - 14.1 - 14.1 - 13.6 - 13.	13.2	8720 - 12.9 - 12.9	8730 - 12.5 - 12.5 - 12.5	8740 - 12.2 - 12.2 -	8750 11.9 11.9	
		HV-0006_M	/IL_00-M3	3-CR-000		NGITUDI												EGEND:		PROPOSED EXISTING G SITE BOUNI	GROUND PROF	E
0	Rev M01		Om Chk'd A N AD (		E FOR PHASE	Descrip E 4: PLANNIN			Client Date 03/10 Project C BCIE	)/22 Code	láisiúnta Ior ransport Aut	500 @ A1 1000 @ A3	Engineering AEC Drawn P.K.NOKADA QMS Code	ОМ	Mott MacDonalD	Drawing Title	LUCAN TO	CITY CENTR MAIN LIN	ORS INF RE CORE E PLAN A	BUS CORR	IDOR SCHEME	E

IG WALL			A 8550				A 8600	AILWAY			A 8650 AINING W	/ALL				A 8700				A 8750		SHEET 26	
						OBCO	DA RAIL BR		R148 S	JOH	N'S ROAT	OWES	T	EX	ISTING RE	TAININ	G WALL						
16.6	16.6	16.7	16.9	16.9	17.0	16.9	16.9	16.9	16.7	16.4	16.1	15.8	15.4	15.0	14.5	14.1	13.6	13.2	12.9	12.5	12.2	11.9	
0	16.6	16.7	16.9	16.9	- 17.0	16.9	16.9	16.9	16.7	16.4	16.1	15.8	15.4	15.0 -	14.5	14.1	13.6	13.2	12.9	12.5	12.2	11.9	
16.6									ļ					1		00		0					
8530 - 16.	8540 —	8550	8560	8570 -	8580	8590 -	8600	8610	8620	8630	8640	8650	8660	8670	8680	8690	8700	8710	8720	8730	8740	8750	
	GEO_H	<b>-</b> ₩-0006_Ν	0m Chk'd A	8-CR-000 ALE: H 1		NGITUDI 100 Descrip	NAL SEC			NT			Bengineering D	Designer		Program	nme Title COR		GEND: BUSCO CORRIDO	ONNECT ORS INFF	PROPOSE EXISTING SITE BOU TEMPORA S DUBL RASTRU	ED GROUND PROF GROUND PROFIL NDARY LINE ARY LAND ACQUIS	E BITION RKS



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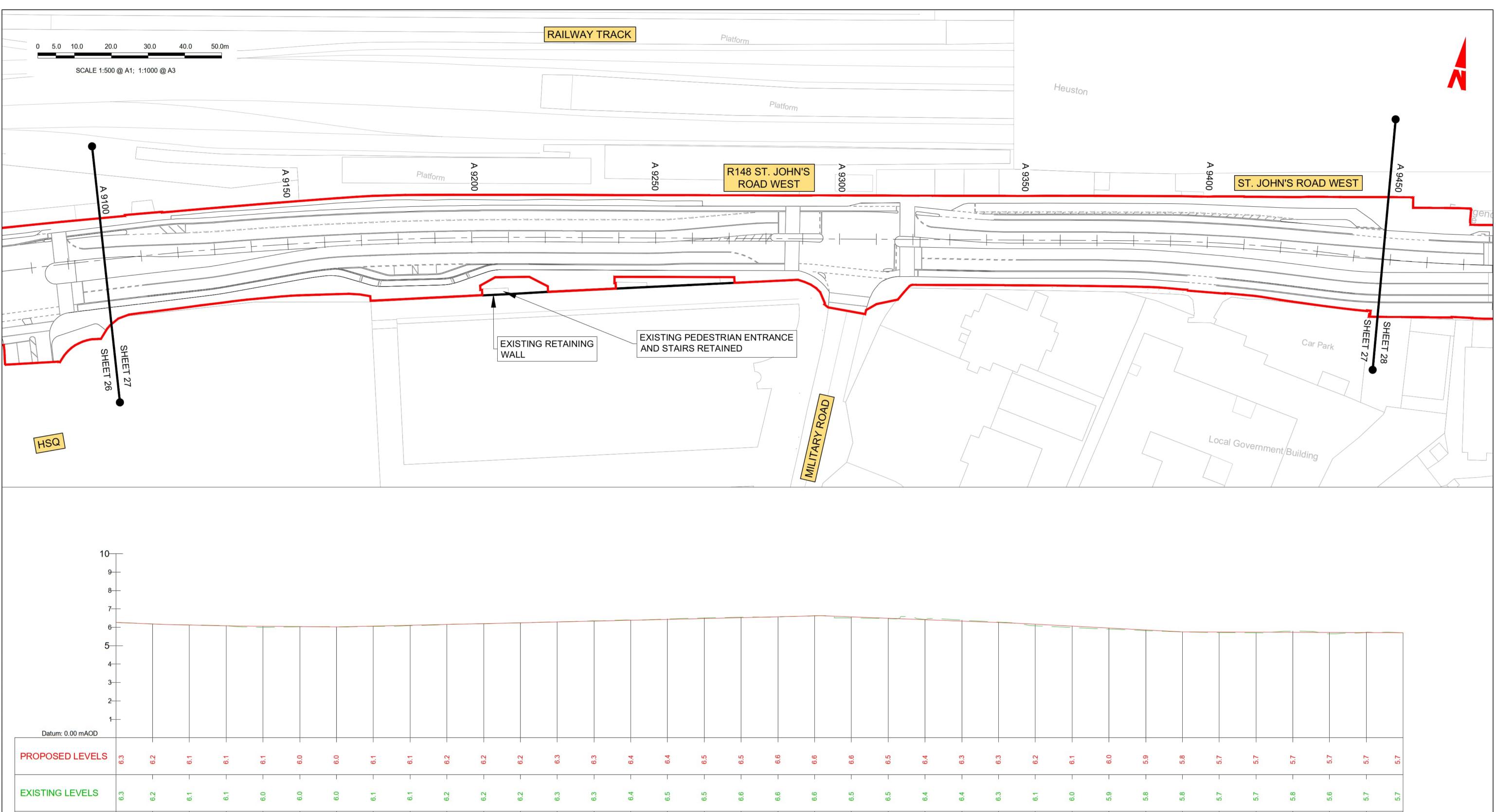
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		A 8900					A 8950					A 9000					A 9050						A 9100	
EXISTI MEDIA	ING BA			THE HO KILM									EXI WA	STING RE	TAINING					HSQ		SHEET 27 SHEET 26		
	9.6	9.5	93	9.2	0.6	8.8	8.7	8.5	1		6.2	<u></u> <u></u>	7.5	7.3	7.2	2.0	6.9	6.7	6.6	6.5	6.4	6.4	6.3	
Q	8880 - 9.6	9.5	9.3	9.2	0.0	6.8	8940 - 8.7 - 8.7	8.5	8.3	8.1				7.3				6.7	9060 6.6	6.5	9080 - 6.4 - 6.4	6.4	9100 6.3 6.3	
Q	9.6 0888 G	GEO_HV-4	0006_ML	00-M3- SCA	8920 - 9.0	-A01 LO	Description	8950 - 8.5	8960 - 8.3	Client	7.8	2.7 - 0668	9.2 00006	7.3	0006 Ner	- 1.0	6.8	- 0206	9.9 0906	9070 - 6.5	- PRO - EXI - EXI - EXI - EXI - EXI - EXI	DPOSED GF STING GRC E BOUNDAF MPORARY L		ISITION

	HOSPITAL KILMAINHAM EXISTING RETAINING	
-       9.6         -       9.5         -       9.5         -       9.5         -       9.5         -       9.5         -       9.3         -       9.2         -       9.3         -       9.2         -       9.3         -       1         -       7.1         -       7.3         -       8.3         -       6.3         -       1         -       7.3         -       8.3         -       6.4         -       -         -       6.4         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         - <t<< th=""><th></th><th></th></t<<>		
-       9.6         -       9.5         -       9.5         -       9.5         -       9.3         -       9.3         -       9.3         -       9.3         -       9.2         -       9.2         -       9.3         -       7.1         -       7.3         -       8.3         -       6.3         -       6.3         -       1         -       6.4         -       1         -       6.3         -       1         -       1         -       1         -       1         -       1         -       1         -       1         -       1         -       1         -       1         -       1         -       1         -       1         -       1         -       1         -       1         -       1         -       1		
-       9.6         -       9.5         -       9.5         -       9.5         -       9.5         -       9.3         -       9.3         -       9.2         -       9.3         -       9.2         -       9.3         -       1 <th></th> <th></th>		
-       9.6         -       9.5         -       9.5         -       9.5         -       9.5         -       9.5         -       9.3         -       9.3         -       9.3         -       9.2         -       9.3         -       9.3         -       7.1         -       7.3         -       8.3         -       7.3         -       6.4         -       6.4         -       6.4         -       6.4         -       6.3		
88800 88900 88900 8910 8920 9010 9020 9020 9020 8930 8930 8930 8930 8930 8930 8930 893		6.4 6.3
	9.6         9.6         9.6         9.6         9.6         9.6         9.6         9.6         9.6         9.6         9.6         9.6         9.6         9.7         9.8         9.9         9.9         9.1         9.2         1      1         1         1         1         1         1         1         1         1         1         1         1         1         1 <t< td=""><td>6.3</td></t<>	6.3



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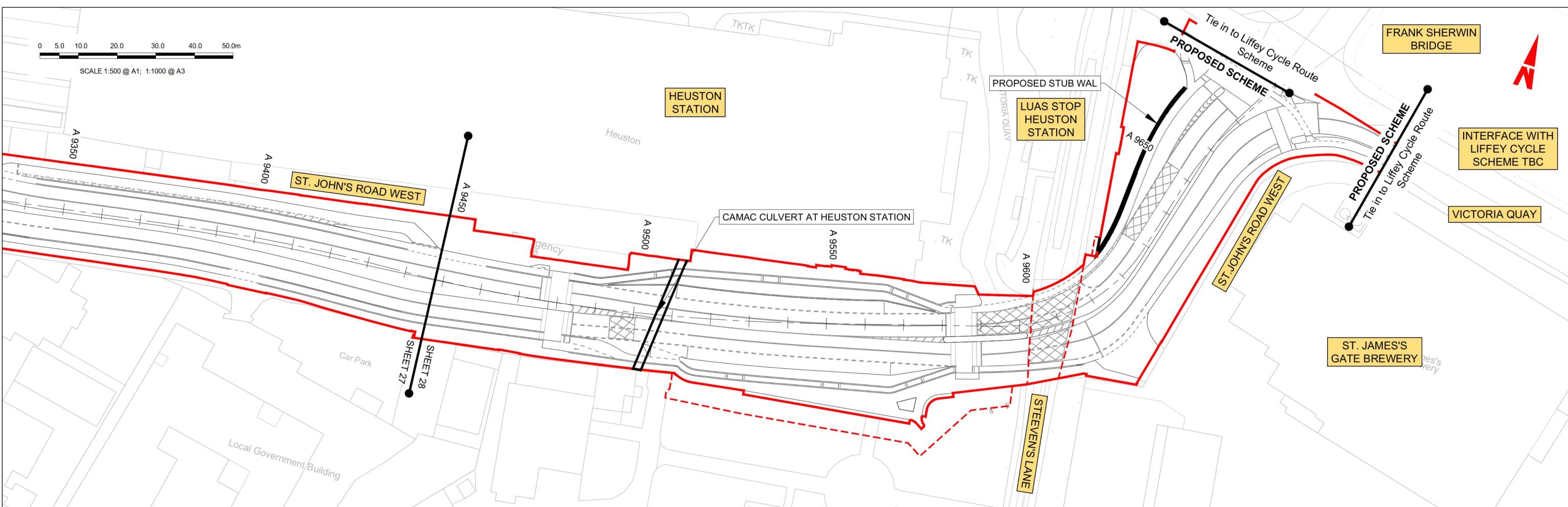
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6.3	1	6.4 6.4	6.5 - 6.4	6.5	6.5	1	1		6.5 6.5	6.4 6.4	6.4 6.3	6.3 6.3	6.1 6.2	6.0 6.1	1	5.8		5.7 5.7	5.7 5.7	5.8 - 5.7	5.6 - 5.7	5.7 - 5.7	5.7 5.7
9220	9230	9240	9250	9260	9270	9280	9290	9300	9310	9320	9330	9340	9350	9360	9370	9380	9390	9400	9410	9420	9430	9440	9450

GEO\_HV-0006\_ML\_00-M3-CR-0001-A01 LONGITUDINAL SECTION 27 SCALE: H 1:500,V 1:100

					PROPOSED GROUND PROFILE
					EXISTING GROUND PROFILE
					TEMPORARY LAND ACQUISITION
	RevDateDrnChk'dApp'dDescriptionM0103/10/22PNADCAISSUE FOR PHASE 4: PLANNING	Client	Engineering Designer	Programme Title BUSCONNEC CORE BUS CORRIDORS IN	
ct		Údarás Náisiúnta Iompair National Transport Authority	AECOM MOTT MACDONALD		
2040 land's		Date Scale 1:500 @ 03/10/22 1:1000 @	A1DrawnCheckedApprovedA3P.K.NOKADAA.T.DALEC.ACTON	MAIN LINE PLAN A	AND PROFILE
		Project Code Originator Code BCIDA ACM	QMS Code	Drawing File Name BCIDA-ACM-GEO_HV-0006_ML_00-DR-CR-0	Sheet NumberStatusRev002727 of 28AM01
		DO NOT SCALE USE	FIGURED DIMENSIONS ONLY		

LEGEND:





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GEO\_HV-0006\_ML\_00-M3-CR-0001-A01 LONGITUDINAL SECTION 28 SCALE: H 1:500,V 1:100

	Rev	Date	Dm	Chk'd	App'd	Description	Client			Engineering D	lesigner	_
ct	M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING			siúnta lompair Isport Authority	AECO	MC	
2040 and's							Date 03/10	)/22	Scale 1:500 @ A1 1:1000 @ A3	Drawn P.K.NOKADA	Checked	
							Project ( BCIE		Originator Code ACM	QMS Code		

