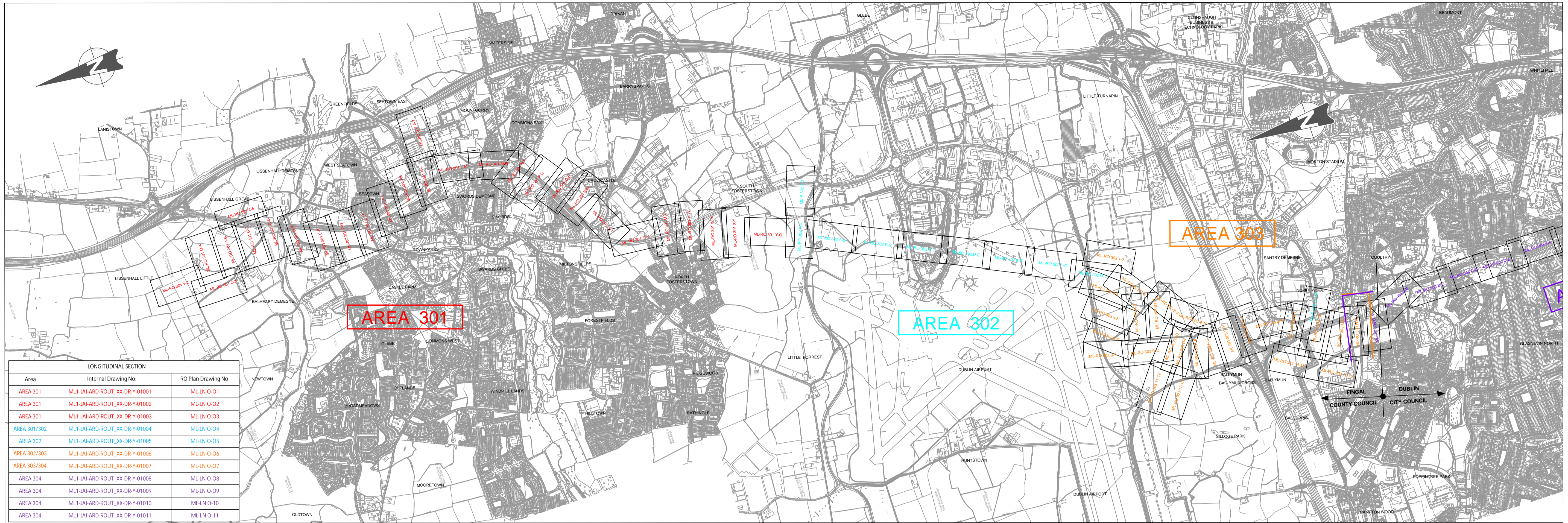




**Estuary to Charlemont**  
**Plans of Proposed Railway Works**  
**Alignment Details**  
Fingal County Council  
AREA ML301 – ML303  
Lissenhall to Balbutcher Lane  
Book 1 of 2



**KEY MAP LAYOUT**

Area	RO Plan Drawing No.	Internal Drawing No.	Drawing Title
AREA 301	ML-RO 301 O-A	ML1-JAI-ARD-ROUT_XX-DR-Y-03001	LISSENHALL LITTLE (SHEET 1 OF 4)
AREA 301	ML-RO 301 A-B	ML1-JAI-ARD-ROUT_XX-DR-Y-03002	LISSENHALL LITTLE (SHEET 2 OF 4)
AREA 301	ML-RO 301 B-C	ML1-JAI-ARD-ROUT_XX-DR-Y-03003	ESTUARY
AREA 301	ML-RO 301 C-D	ML1-JAI-ARD-ROUT_XX-DR-Y-03004	BALHEARY DEMESNE (SHEET 1 OF 5)
AREA 301	ML-RO 301 1-2	ML1-JAI-ARD-ROUT_XX-DR-Y-03005	LISSENHALL LITTLE (SHEET 3 OF 4)
AREA 301	ML-RO 301 2-3	ML1-JAI-ARD-ROUT_XX-DR-Y-03006	LISSENHALL LITTLE (SHEET 4 OF 4)
AREA 301	ML-RO 301 4-5	ML1-JAI-ARD-ROUT_XX-DR-Y-03007	LISSENHALL GREAT
AREA 301	ML-RO 301 D-E	ML1-JAI-ARD-ROUT_XX-DR-Y-03008	BALHEARY DEMESNE (SHEET 2 OF 5)
AREA 301	ML-RO 301 E-F	ML1-JAI-ARD-ROUT_XX-DR-Y-03009	BALHEARY DEMESNE (SHEET 3 OF 5)
AREA 301	ML-RO 301 F-G	ML1-JAI-ARD-ROUT_XX-DR-Y-03010	BALHEARY DEMESNE (SHEET 4 OF 5)
AREA 301	ML-RO 301 G-H	ML1-JAI-ARD-ROUT_XX-DR-Y-03011	BALHEARY DEMESNE (SHEET 5 OF 5)
AREA 301	ML-RO 301 H-J	ML1-JAI-ARD-ROUT_XX-DR-Y-03012	SEATOWN (SHEET 1 OF 3)
AREA 301	ML-RO 301 J-K	ML1-JAI-ARD-ROUT_XX-DR-Y-03013	SEATOWN (SHEET 2 OF 3)
AREA 301	ML-RO 301 K-L	ML1-JAI-ARD-ROUT_XX-DR-Y-03014	SEATOWN (SHEET 3 OF 3)
AREA 301	ML-RO 301 6-7	ML1-JAI-ARD-ROUT_XX-DR-Y-03015	SWORDS BUSINESS PARK
AREA 301	ML-RO 301 L-M	ML1-JAI-ARD-ROUT_XX-DR-Y-03016	SWORDS DEMESNE (SHEET 1 OF 2)
AREA 301	ML-RO 301 M-N	ML1-JAI-ARD-ROUT_XX-DR-Y-03017	SWORDS DEMESNE (SHEET 2 OF 2)
AREA 301	ML-RO 301 N-P	ML1-JAI-ARD-ROUT_XX-DR-Y-03018	MALAHIDE ROAD ROUNDABOUT
AREA 301	ML-RO 301 P-Q	ML1-JAI-ARD-ROUT_XX-DR-Y-03019	SWORDS CENTRAL
AREA 301	ML-RO 301 Q-R	ML1-JAI-ARD-ROUT_XX-DR-Y-03020	AIRSIDE BUSINESS PARK (SHEET 1 OF 2)
AREA 301	ML-RO 301 R-S	ML1-JAI-ARD-ROUT_XX-DR-Y-03021	AIRSIDE BUSINESS PARK (SHEET 2 OF 2)
AREA 301	ML-RO 301 S-T	ML1-JAI-ARD-ROUT_XX-DR-Y-03022	PINNOCOCK HILL ROUNDABOUT
AREA 301	ML-RO 301 T-U	ML1-JAI-ARD-ROUT_XX-DR-Y-03023	AIRSIDE SHOPPING CENTRE (SHEET 1 OF 2)
AREA 301	ML-RO 301 U-V	ML1-JAI-ARD-ROUT_XX-DR-Y-03024	AIRSIDE SHOPPING CENTRE (SHEET 2 OF 2)
AREA 301	ML-RO 301 V-W	ML1-JAI-ARD-ROUT_XX-DR-Y-03025	NEVINSTOWN
AREA 301	ML-RO 301 W-X	ML1-JAI-ARD-ROUT_XX-DR-Y-03026	FOSTERSTOWN (SHEET 1 OF 3)
AREA 301	ML-RO 301 X-Y	ML1-JAI-ARD-ROUT_XX-DR-Y-03027	FOSTERSTOWN (SHEET 2 OF 3)
AREA 301	ML-RO 301 Y-O	ML1-JAI-ARD-ROUT_XX-DR-Y-03028	FOSTERSTOWN (SHEET 3 OF 3)
Area 302	ML-RO 302 O-A	ML1-JAI-ARD-ROUT_XX-DR-Y-03029	NAUL ROAD (SHEET 1 OF 2)
Area 302	ML-RO 302 A-B	ML1-JAI-ARD-ROUT_XX-DR-Y-03030	NAUL ROAD TO DUBLIN AIRPORT
Area 302	ML-RO 302 B-C	ML1-JAI-ARD-ROUT_XX-DR-Y-03031	DUBLIN AIRPORT (SHEET 1 OF 5)
Area 302	ML-RO 302 C-D	ML1-JAI-ARD-ROUT_XX-DR-Y-03032	DUBLIN AIRPORT (SHEET 2 OF 5)
Area 302	ML-RO 302 D-E	ML1-JAI-ARD-ROUT_XX-DR-Y-03033	DUBLIN AIRPORT (SHEET 3 OF 5)
Area 302	ML-RO 302 E-F	ML1-JAI-ARD-ROUT_XX-DR-Y-03034	DUBLIN AIRPORT (SHEET 4 OF 5)
Area 302	ML-RO 302 F-G	ML1-JAI-ARD-ROUT_XX-DR-Y-03035	DUBLIN AIRPORT (SHEET 5 OF 5)
Area 302	ML-RO 302 G-O	ML1-JAI-ARD-ROUT_XX-DR-Y-03036	BALLYSTRAUN (SHEET 1 OF 7)
Area 302	ML-RO 302 1-2	ML1-JAI-ARD-ROUT_XX-DR-Y-03099	NAUL ROAD (SHEET 2 OF 2)

Area	RO Plan Drawing No.	Internal Drawing No.	Drawing Title
AREA 303	ML-RO 303 1-2	ML1-JAI-ARD-ROUT_XX-DR-Y-03037	BALLYSTRAUN (SHEET 2 OF 7)
AREA 303	ML-RO 303 3-4	ML1-JAI-ARD-ROUT_XX-DR-Y-03038	BALLYSTRAUN (SHEET 3 OF 7)
AREA 303	ML-RO 303 4-5	ML1-JAI-ARD-ROUT_XX-DR-Y-03039	BALLYSTRAUN (SHEET 4 OF 7)
AREA 303	ML-RO 303 5-6	ML1-JAI-ARD-ROUT_XX-DR-Y-03040	BALLYSTRAUN (SHEET 5 OF 7)
AREA 303	ML-RO 303 6-7	ML1-JAI-ARD-ROUT_XX-DR-Y-03041	COUNTRY
AREA 303	ML-RO 303 O-A	ML1-JAI-ARD-ROUT_XX-DR-Y-03042	BALLYSTRAUN (SHEET 6 OF 7)
AREA 303	ML-RO 303 A-B	ML1-JAI-ARD-ROUT_XX-DR-Y-03043	BALLYSTRAUN (SHEET 7 OF 7)
AREA 303	ML-RO 303 B-C	ML1-JAI-ARD-ROUT_XX-DR-Y-03044	BALLYMUN (SHEET 1 OF 11)
AREA 303	ML-RO 303 B1-C	ML1-JAI-ARD-ROUT_XX-DR-Y-03045	BALLYMUN (SHEET 2 OF 11)
AREA 303	ML-RO 303 C-D	ML1-JAI-ARD-ROUT_XX-DR-Y-03046	BALLYMUN (SHEET 3 OF 11)
AREA 303	ML-RO 303 D-E	ML1-JAI-ARD-ROUT_XX-DR-Y-03047	BALLYMUN (SHEET 4 OF 11)
AREA 303	ML-RO 303 E-F	ML1-JAI-ARD-ROUT_XX-DR-Y-03048	BALLYMUN (SHEET 5 OF 11)
AREA 303	ML-RO 303 F-G	ML1-JAI-ARD-ROUT_XX-DR-Y-03049	BALLYMUN (SHEET 6 OF 11)
AREA 303	ML-RO 303 G-H	ML1-JAI-ARD-ROUT_XX-DR-Y-03050	BALLYMUN (SHEET 7 OF 11)
AREA 303	ML-RO 303 8-9	ML1-JAI-ARD-ROUT_XX-DR-Y-03051	BALLYMUN (SHEET 8 OF 11)
AREA 303	ML-RO 303 9-10	ML1-JAI-ARD-ROUT_XX-DR-Y-03052	BALLYMUN (SHEET 9 OF 11)
AREA 303	ML-RO 303 11-12	ML1-JAI-ARD-ROUT_XX-DR-Y-03053	BALLYMUN (SHEET 10 OF 11)
AREA 303	ML-RO 303 12-13	ML1-JAI-ARD-ROUT_XX-DR-Y-03054	BALLYMUN (SHEET 11 OF 11)
AREA 303	ML-RO 303 H-J	ML1-JAI-ARD-ROUT_XX-DR-Y-03055	MSO JUNCTION 4, BALLYMUN
AREA 303	ML-RO 303 J-K	ML1-JAI-ARD-ROUT_XX-DR-Y-03056	OLD BALLYMUN ROAD (NORTH)
AREA 303	ML-RO 303 K-L	ML1-JAI-ARD-ROUT_XX-DR-Y-03057	GULLIVER'S RETAIL PARK
AREA 303	ML-RO 303 L-M	ML1-JAI-ARD-ROUT_XX-DR-Y-03058	NORTHWOOD (SHEET 1 OF 2)
AREA 303	ML-RO 303 M-N	ML1-JAI-ARD-ROUT_XX-DR-Y-03059	NORTHWOOD (SHEET 2 OF 2)
AREA 303	ML-RO 303 14-15	ML1-JAI-ARD-ROUT_XX-DR-Y-03060	SAINT MARGARET'S ROAD
AREA 303	ML-RO 303 15-16	ML1-JAI-ARD-ROUT_XX-DR-Y-03061	BALLYMUN INDUSTRIAL ESTATE
AREA 303	ML-RO 303 N-O	ML1-JAI-ARD-ROUT_XX-DR-Y-03062	BALBUTCHER LANE
AREA 304	ML-RO 304 O-A	ML1-JAI-ARD-ROUT_XX-DR-Y-03063	BALBUTCHER LANE TO BALCURRIS ROAD

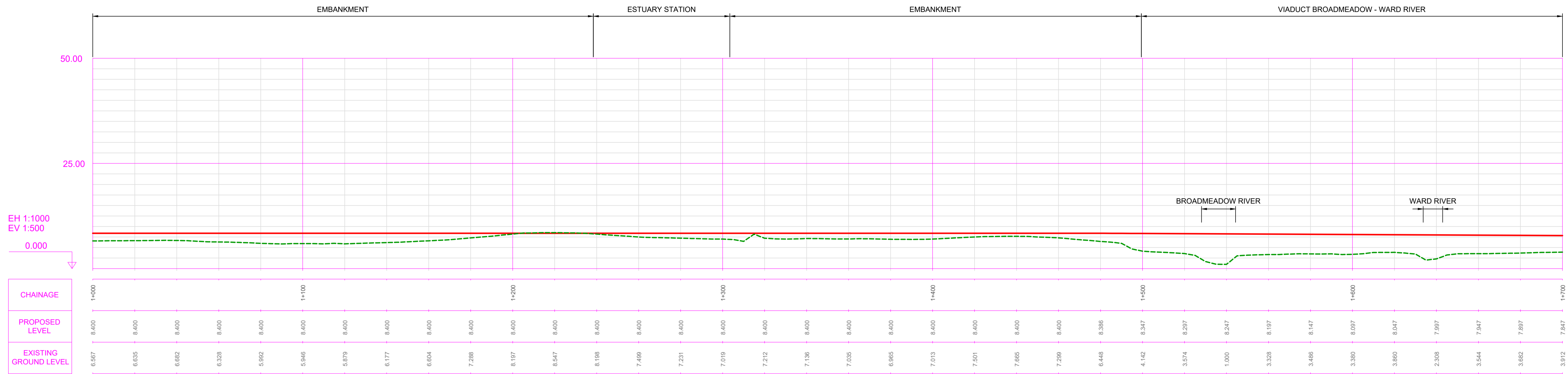
\* / ◆ DRAWINGS NO LONGER REQUIRED

# RAILWAY WORKS - METROLINK

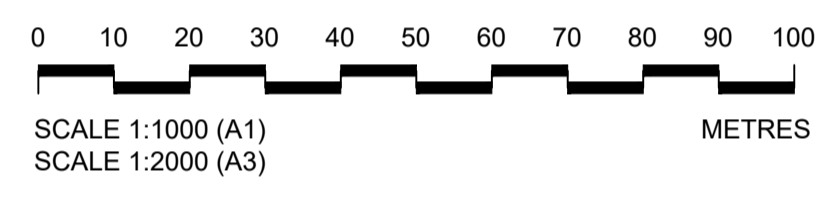
## ALIGNMENT DETAILS FINGAL COUNTY COUNCIL AREA BOOK 1 OF 2 (AREA ML301 TO ML304) LISSENHALL TO BALBUTCHER LANE



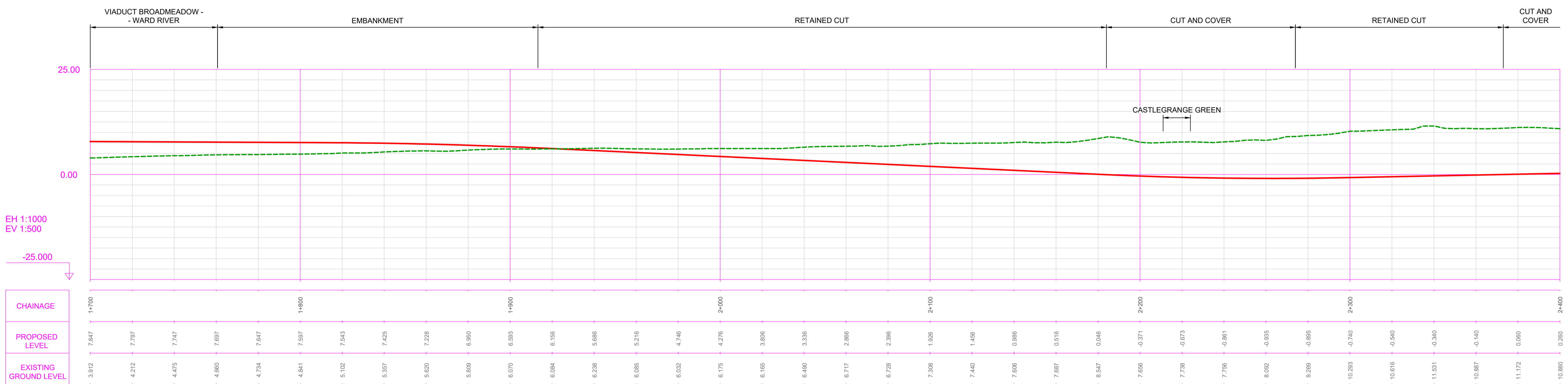
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TO CHARLEMONT →

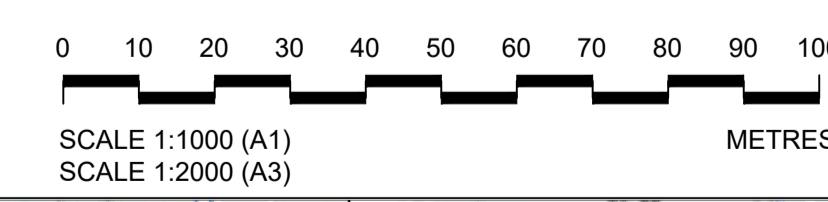


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<span style="color: green;">- - -</span>	EXISTING GROUND LEVEL

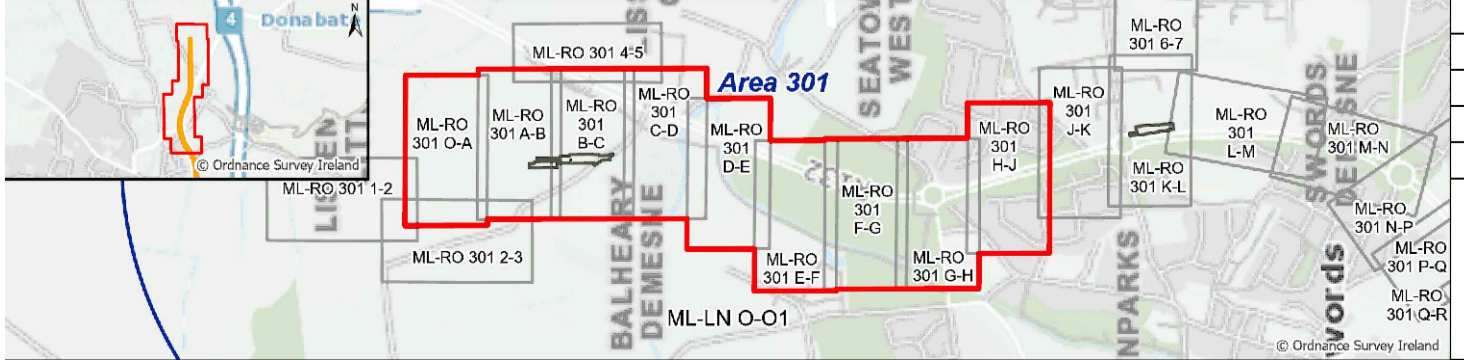


← TO ESTUARY

→ TO CHARLEMONT



DRAWING LEGEND	
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<span style="color: green;">- - -</span>	EXISTING GROUND LEVEL

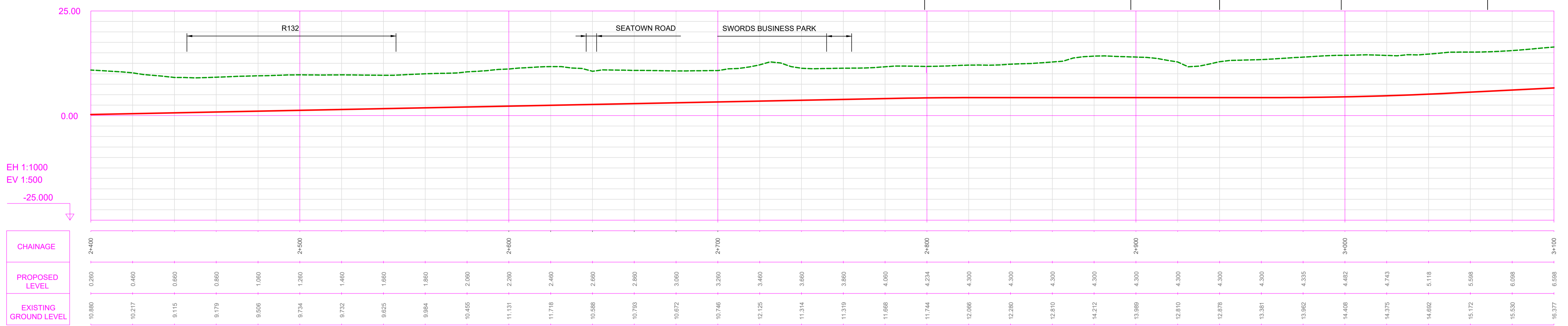


REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	28/07/21	For Railway Order	JD	JR	RS	NC
P02	21/12/21	For Railway Order	BJ	RS	AS	NC

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Client	Project	Drawing Title	Drawing Status
	METROLINK	METROLINK - ALIGNMENT LONG SECTION 1	S0
Consultant	Drawing N°	Plan Drawing N°	Sheet 1 of 19
	ML1-JAI-ARD-ROUT_XX-DR-Y-01001	ML-LN O-01	
	Scales Original Size A1 1:1000		

CUT AND COVER SEATOWN STATION CUT AND COVER RETAINED CUT CUT AND COVER RETAINED CUT



EH 1:1000  
EV 1:500

CHAINAGE	PROPOSED LEVEL	EXISTING GROUND LEVEL
2+400	0.260	10.980
2+450	0.460	10.217
2+500	0.660	9.115
2+550	0.860	9.179
2+600	1.060	9.506
2+650	1.260	9.734
2+700	1.460	9.732
2+750	1.660	9.625
2+800	1.860	9.984
2+850	2.060	10.455
2+900	2.260	11.131
2+950	2.460	11.718
3+000	2.660	10.598
3+050	2.860	10.793
3+100	3.060	10.672
3+150	3.260	10.746
3+200	3.460	12.125
3+250	3.660	11.314
3+300	3.860	11.319
3+350	4.060	11.668
3+400	4.234	11.744
3+450	4.300	12.066
3+500	4.300	12.280
3+550	4.300	12.810
3+600	4.300	14.212
3+650	4.300	13.989
3+700	4.300	12.810
3+750	4.300	12.818
3+800	4.300	13.381
3+850	4.335	13.892
3+900	4.482	14.408
3+950	4.743	14.375
4+000	5.118	14.692
4+050	5.568	15.172
4+100	6.098	15.530
4+150	6.598	16.377

TO ESTUARY

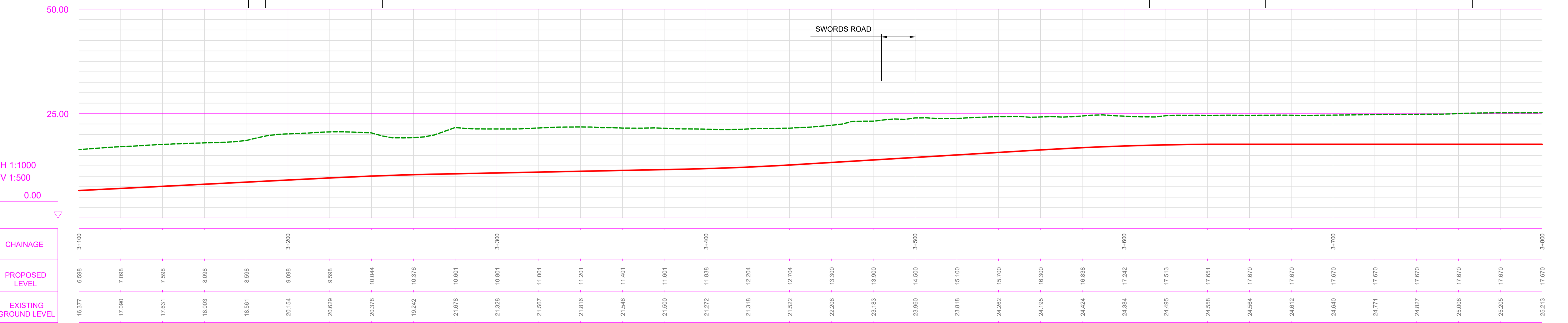
TO CHARLEMONT



**DRAWING LEGEND**

— RAIL LEVEL — EXISTING GROUND LEVEL

RETAINED CUT CUT AND COVER RETAINED CUT CUT AND COVER RETAINED CUT CUT AND COVER SWORDS CENTRAL STATION

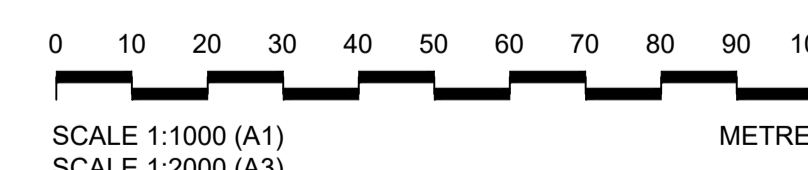


EH 1:1000  
EV 1:500

CHAINAGE	PROPOSED LEVEL	EXISTING GROUND LEVEL
3+100	6.598	16.377
3+150	7.098	17.090
3+200	7.598	17.631
3+250	8.098	18.003
3+300	8.598	18.561
3+350	9.098	20.154
3+400	9.598	20.629
3+450	10.044	20.378
3+500	10.376	19.242
3+550	10.601	21.678
3+600	10.801	21.328
3+650	11.001	21.567
3+700	11.201	21.816
3+750	11.401	21.546
3+800	11.601	21.500
3+850	11.838	21.272
3+900	12.204	21.318
3+950	12.704	21.522
4+000	13.300	22.208
4+050	13.900	23.183
4+100	14.500	23.960
4+150	15.100	23.818
4+200	15.700	24.262
4+250	16.300	24.195
4+300	16.858	24.424
4+350	17.242	24.384
4+400	17.513	24.495
4+450	17.651	24.558
4+500	17.670	24.564
4+550	17.670	24.612
4+600	17.670	24.640
4+650	17.670	24.771
4+700	17.670	24.827
4+750	17.670	25.008
4+800	17.670	25.205
4+850	17.670	25.213

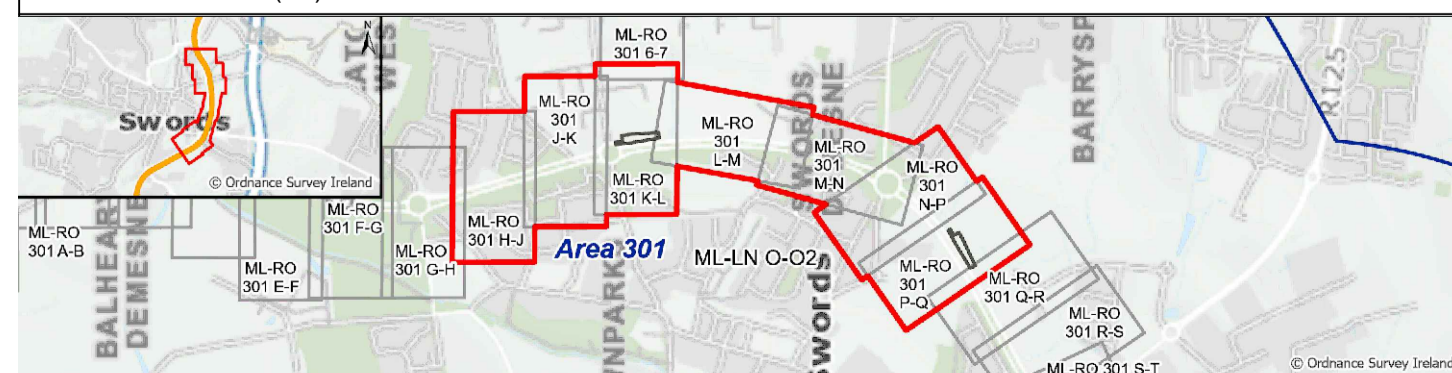
TO ESTUARY

TO CHARLEMONT



**DRAWING LEGEND**

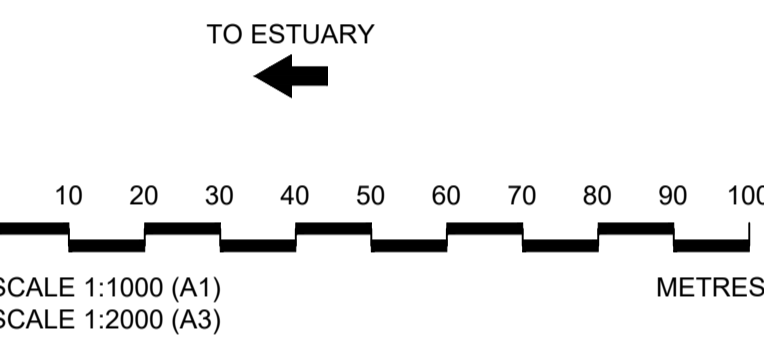
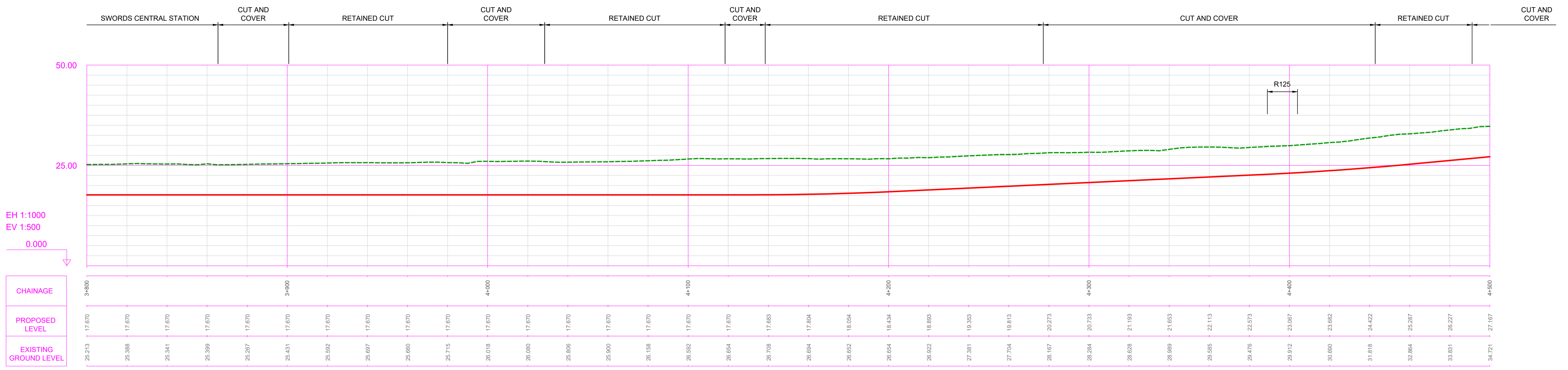
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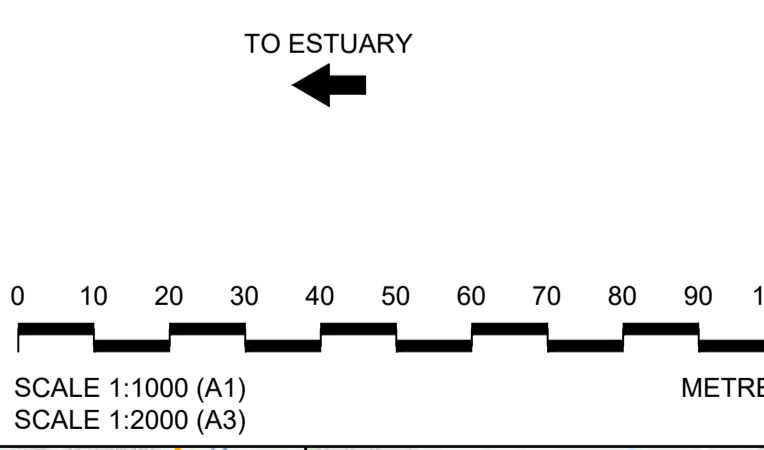
REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	28/07/21	For Railway Order	JD	JR	RS	NC
P02	21/12/21	For Railway Order	BJ	RS	AS	NC

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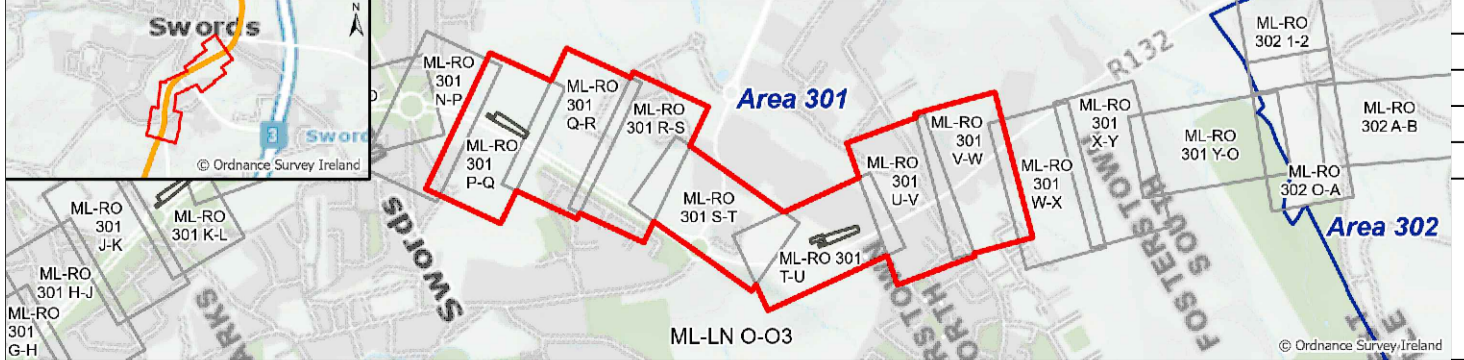
Client <b>TII</b> <b>NTA</b>	Project <b>METROLINK</b>	Drawing Title METROLINK - ALIGNMENT LONG SECTION 2	Drawing Status S0
Consultant <b>JACOBS</b> <b>IDOM</b>	Drawing N° ML1-JAI-ARD-ROUT_XX-DR-Y-01002	Plan Drawing N° ML-LN O-02	Sheet 2 of 19
Scales Original Size A1 1:1000			



DRAWING LEGEND	
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<span style="color: green;">- - -</span>	EXISTING GROUND LEVEL



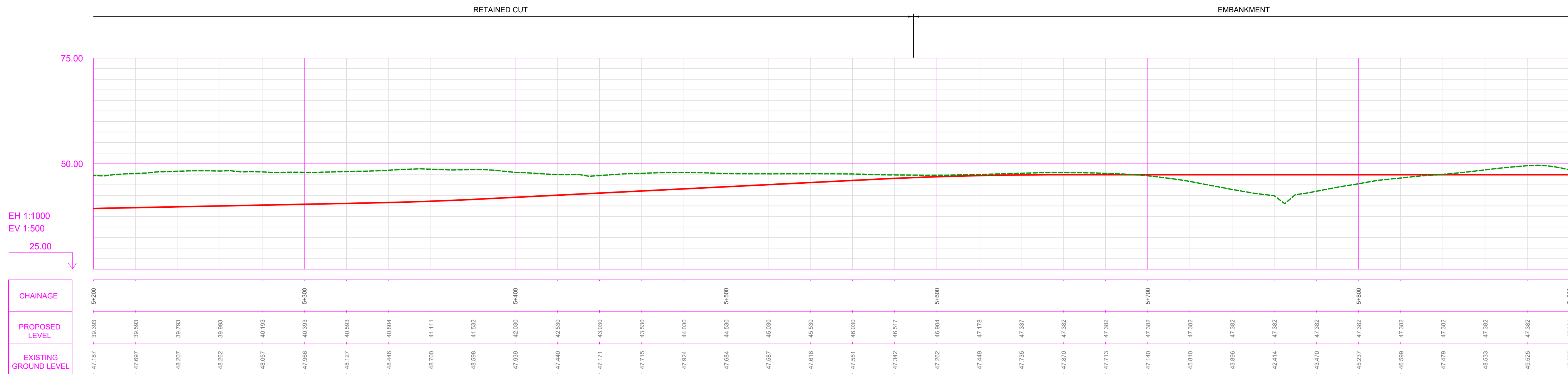
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<span style="color: green;">- - -</span>	EXISTING GROUND LEVEL



REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	28/07/21	For Railway Order	JD	JR	RS	NC
P02	21/12/21	For Railway Order	BJ	RS	AS	NC

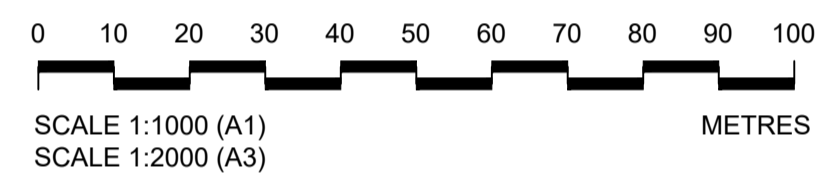
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Client	<b>TII</b> <b>NTA</b>	Project	<b>METROLINK</b>	Drawing Title	METROLINK - ALIGNMENT LONG SECTION 3	Drawing Status	S0
Consultant	<b>JACOBS</b> <b>IDOM</b>	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-01003	Plan Drawing N°	ML-LN O-03	Sheet 3 of 19	
		Scales Original Size A1	1:1000				



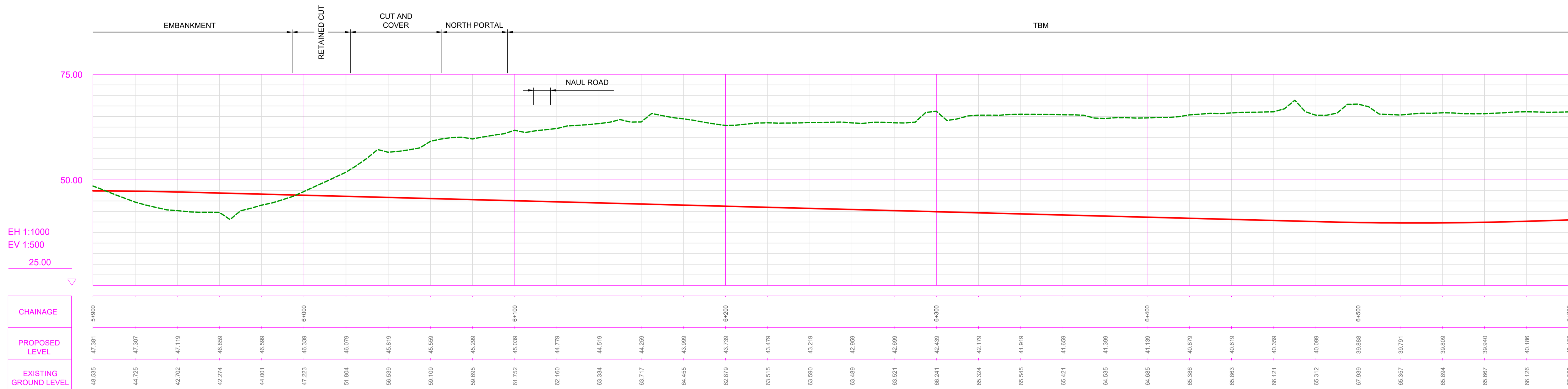
TO ESTUARY

TO CHARLEMONT



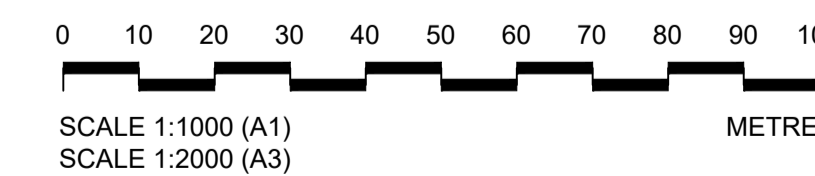
**DRAWING LEGEND**

— RAIL LEVEL — EXISTING GROUND LEVEL



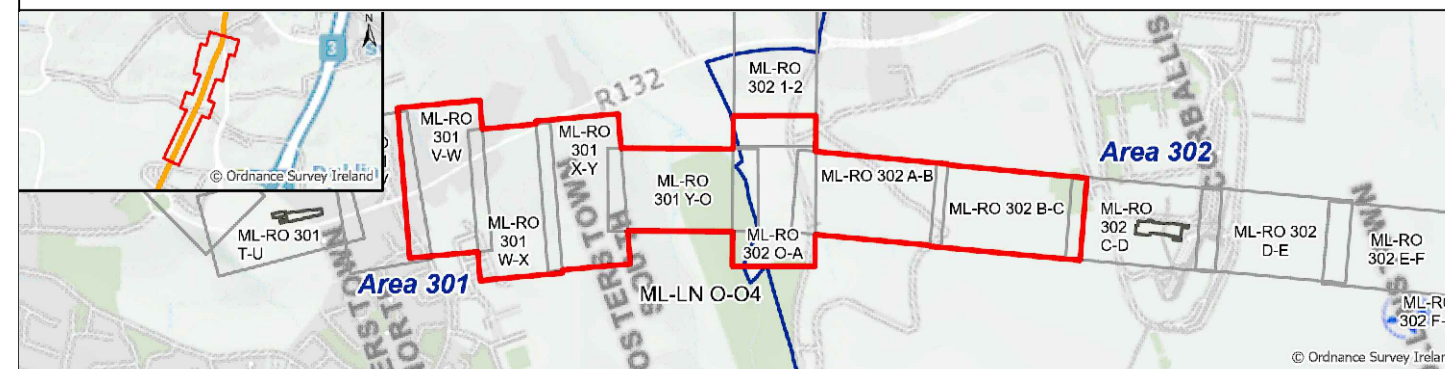
TO ESTUARY

TO CHARLEMONT



**DRAWING LEGEND**

— RAIL LEVEL — EXISTING GROUND LEVEL



REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	28/07/21	For Railway Order	JD	JR	RS	NC
P02	21/12/21	For Railway Order	BJ	RS	AS	NC

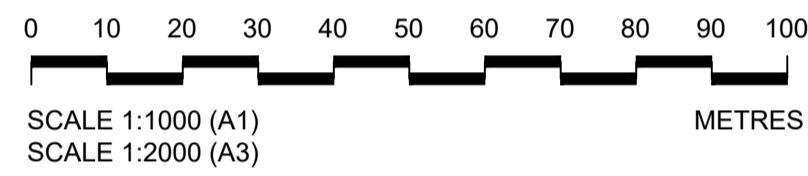
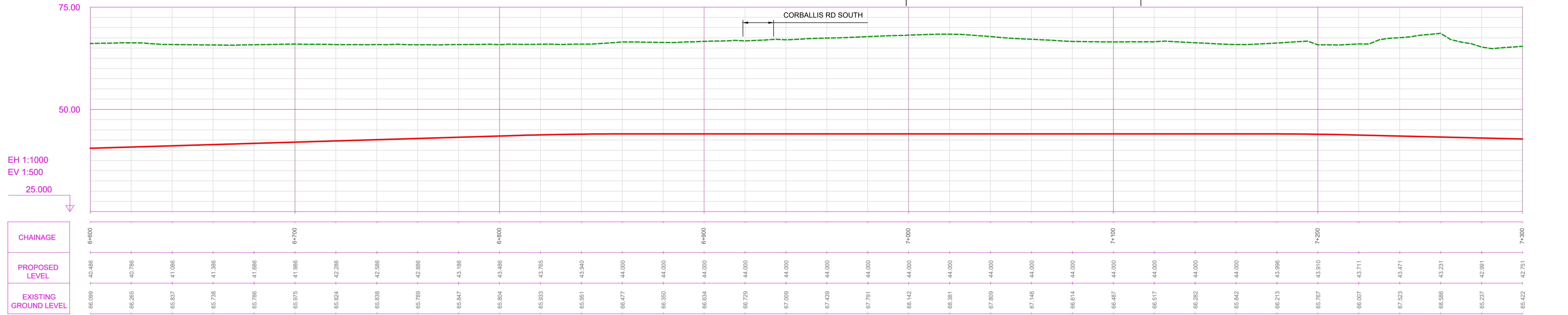
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Client	<b>TII</b> <b>NTA</b> Udarás Náisiúnta Iompar National Transport Authority	Project	<b>METROLINK</b>	Drawing Title	METROLINK - ALIGNMENT LONG SECTION 4	Drawing Status	S0
Consultant	<b>JACOBS</b> <b>IDOM</b>	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-01004	Plan Drawing N°	ML-LN O-O4	Sheet 4 of 19	
		Scales Original Size A1	1:1000				

TBM

DUBLIN AIRPORT STATION

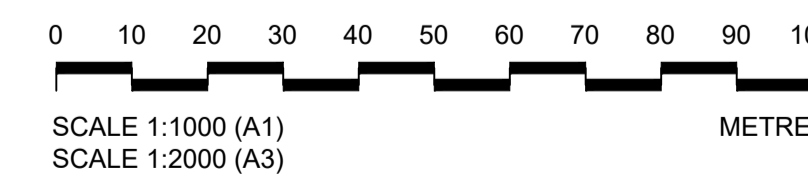
TBM



**DRAWING LEGEND**

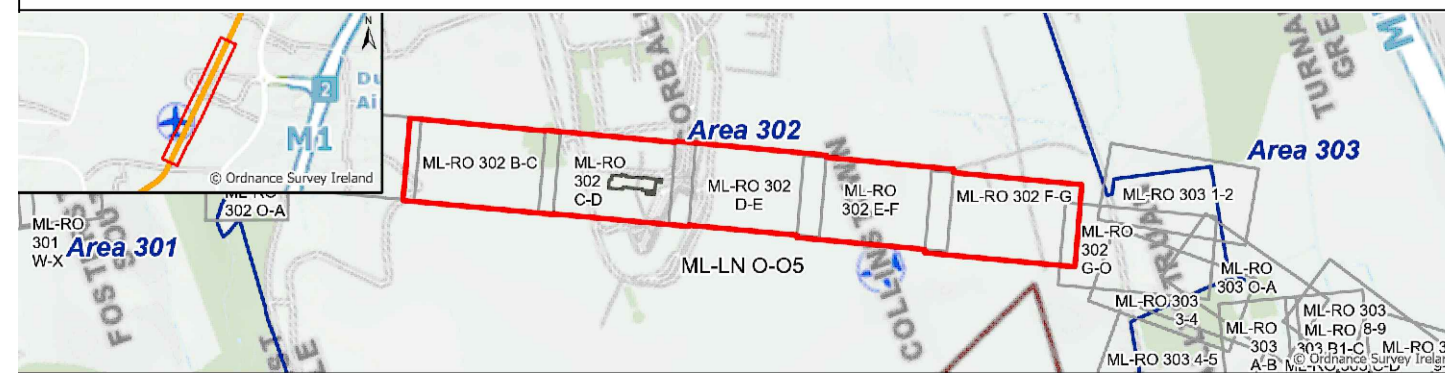
— RAIL LEVEL    - - - EXISTING GROUND LEVEL

TBM



**DRAWING LEGEND**

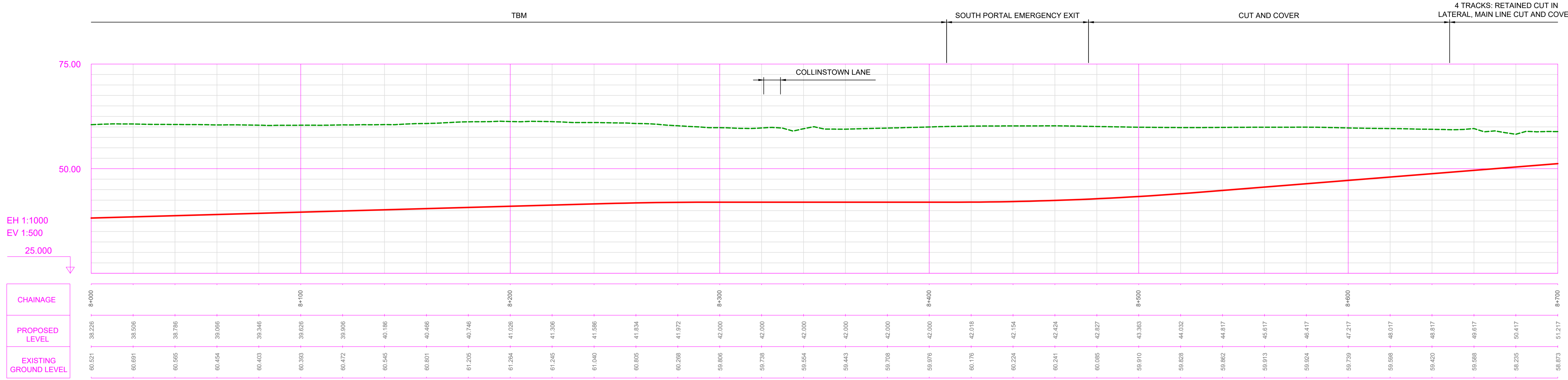
— RAIL LEVEL    - - - EXISTING GROUND LEVEL



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	28/07/21	For Railway Order	JD	JR	RS	NC
P02	21/12/21	For Railway Order	BJ	RS	AS	NC

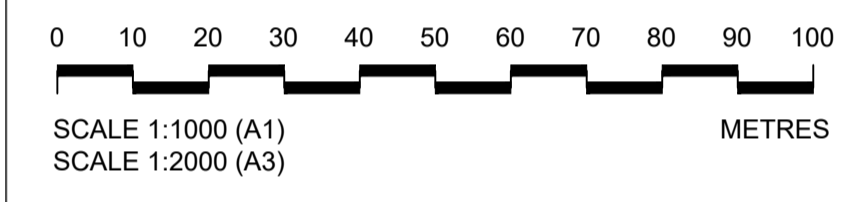
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Client <b>TII</b> <b>NTA</b> Transport Infrastructure Ireland / Udarás Náisiúnta Iompair	Project <b>METROLINK</b>	Drawing Title METROLINK - ALIGNMENT LONG SECTION 5	Drawing Status S0
Consultant <b>JACOBS</b> <b>IDOM</b>	Drawing N° ML1-JAI-ARD-ROUT_XX-DR-Y-01005	Plan Drawing N° ML-LN O-05	Sheet 5 of 19
Scales Original Size A1 1:1000			

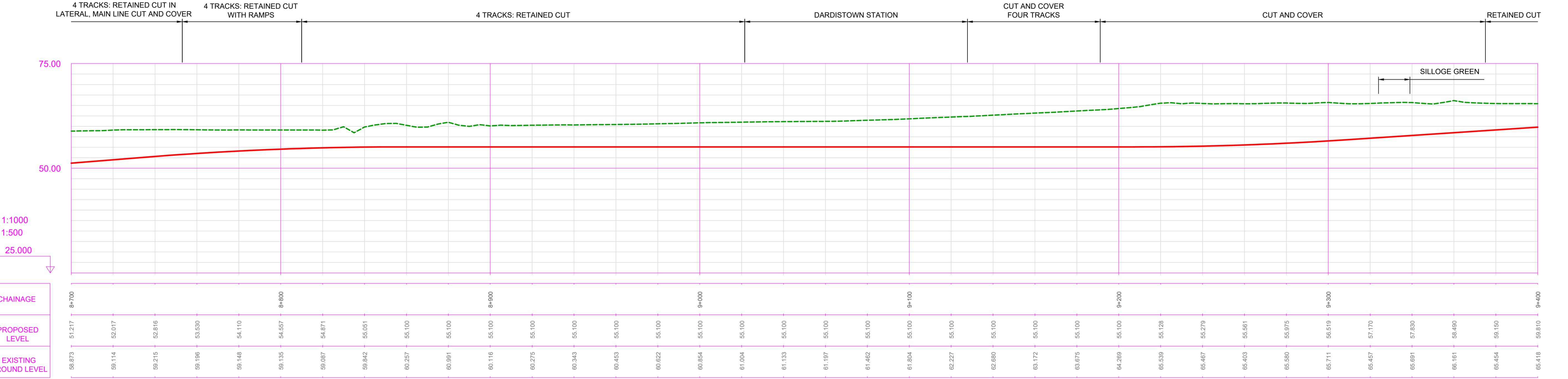


TO ESTUARY ←

→ TO CHARLEMONT

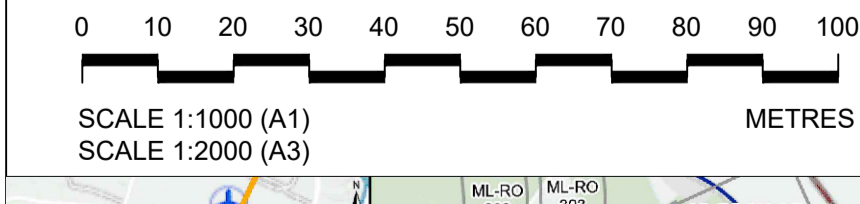


DRAWING LEGEND	
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<span style="color: green;">- - -</span>	EXISTING GROUND LEVEL

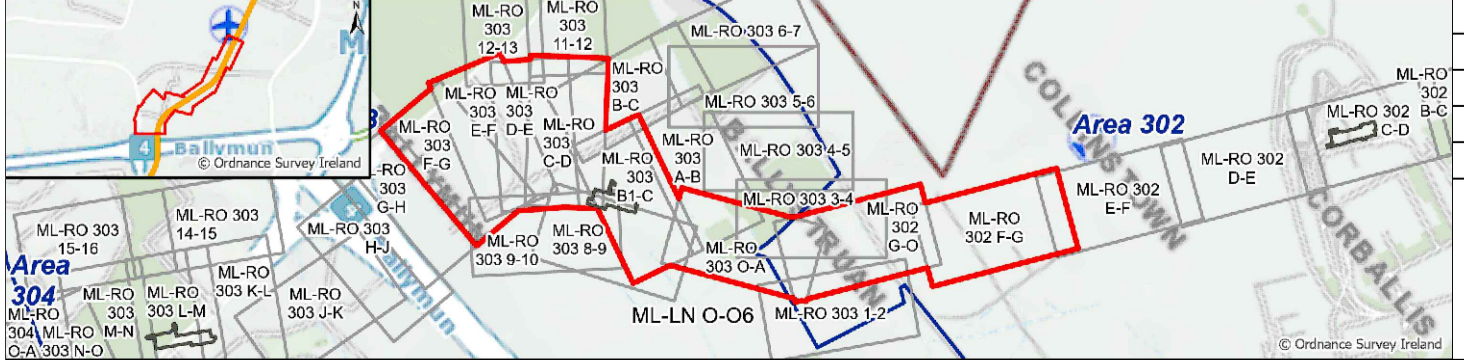


TO ESTUARY ←

→ TO CHARLEMONT



DRAWING LEGEND	
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<span style="color: green;">- - -</span>	EXISTING GROUND LEVEL

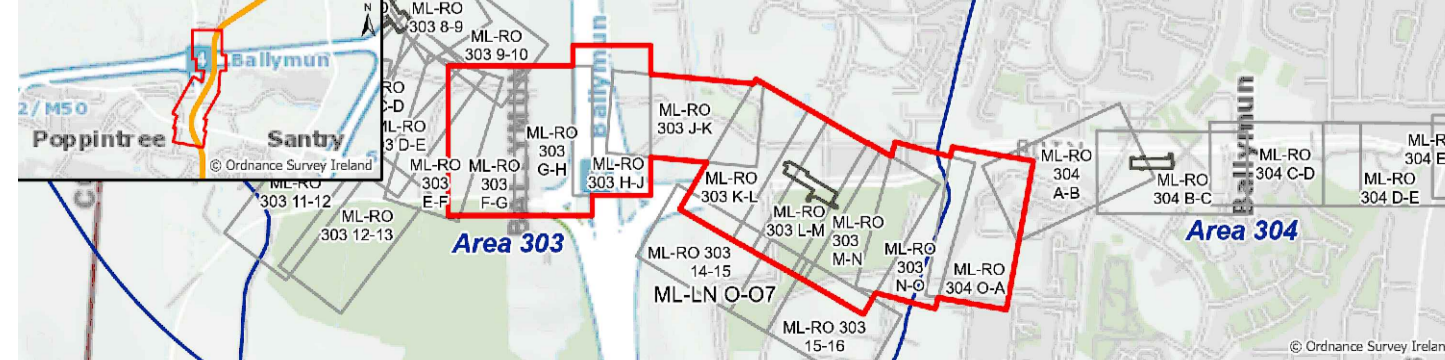
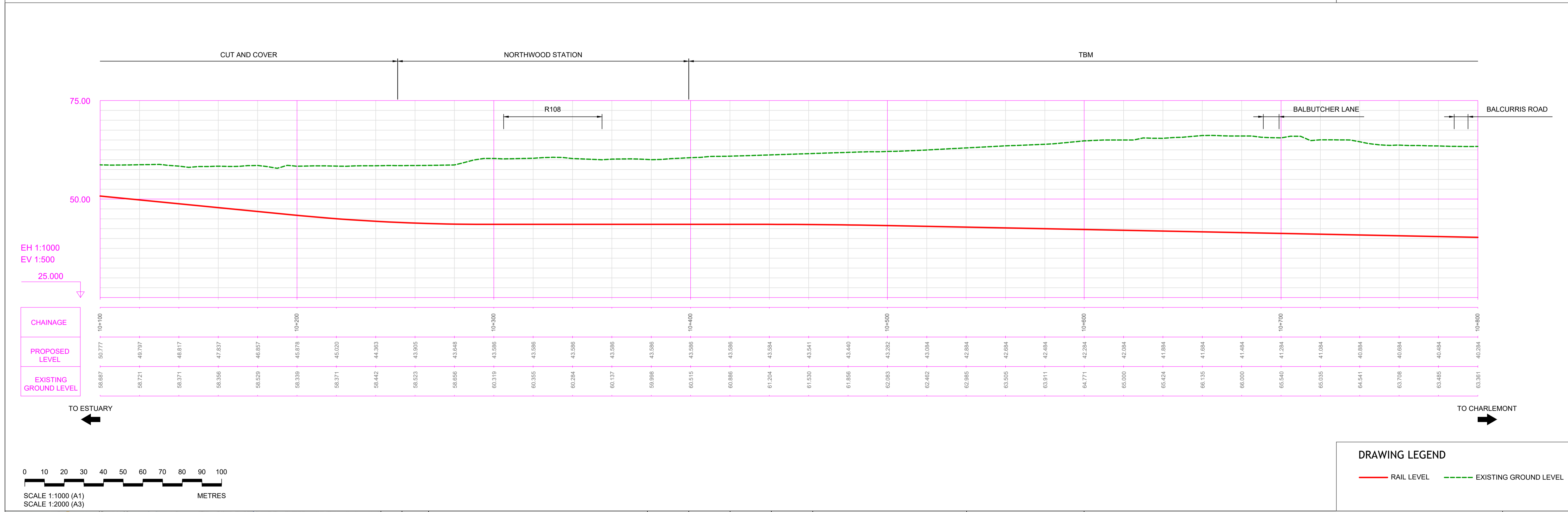
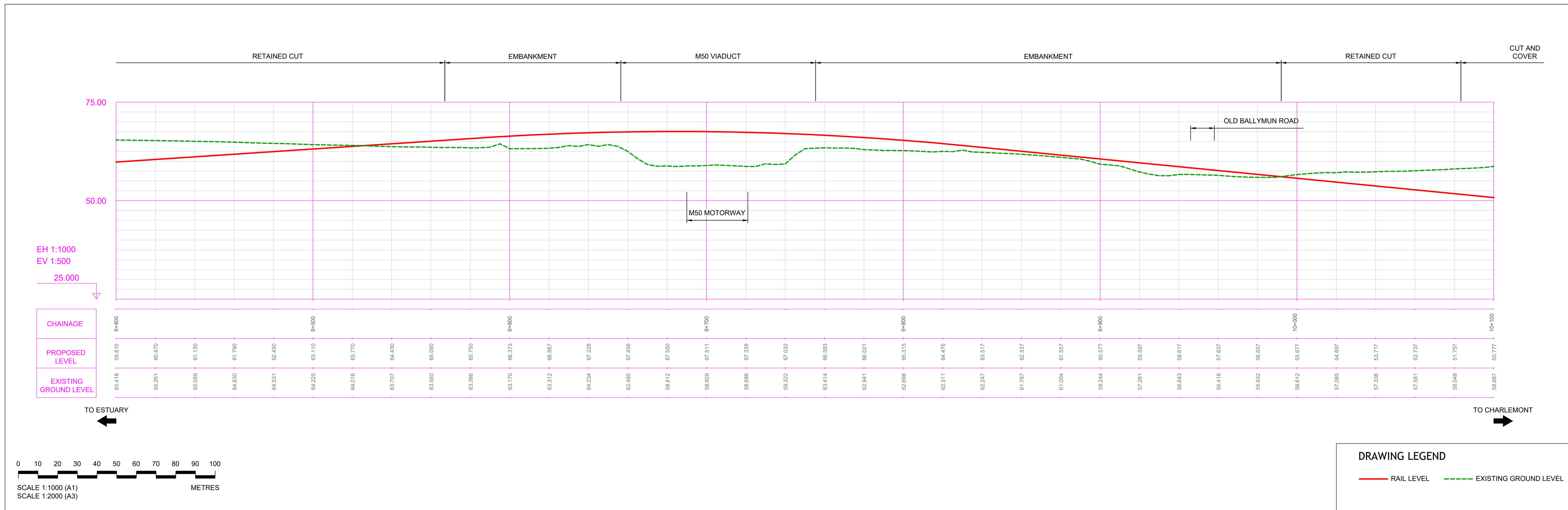


REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	28/07/21	For Railway Order	JD	JR	RS	NC
P02	21/12/21	For Railway Order	BJ	RS	AS	NC

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Client	<b>TII</b> <b>NTA</b> Udaráis Náisiúnta Iompar National Transport Authority	Project	<b>METROLINK</b>	Drawing Title	METROLINK - ALIGNMENT LONG SECTION 6	Drawing Status	S0
Consultant	<b>JACOBS</b> <b>IDOM</b>	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-01006	Plan Drawing N°	ML-LN O-06	Sheet 6 of 19	
		Scales Original Size A1	1:1000				

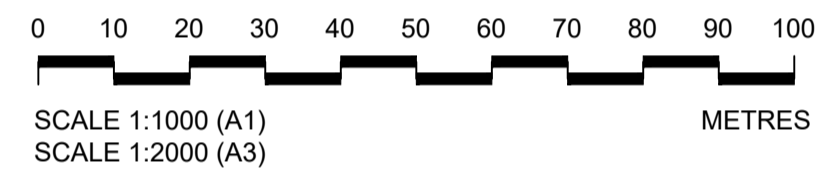
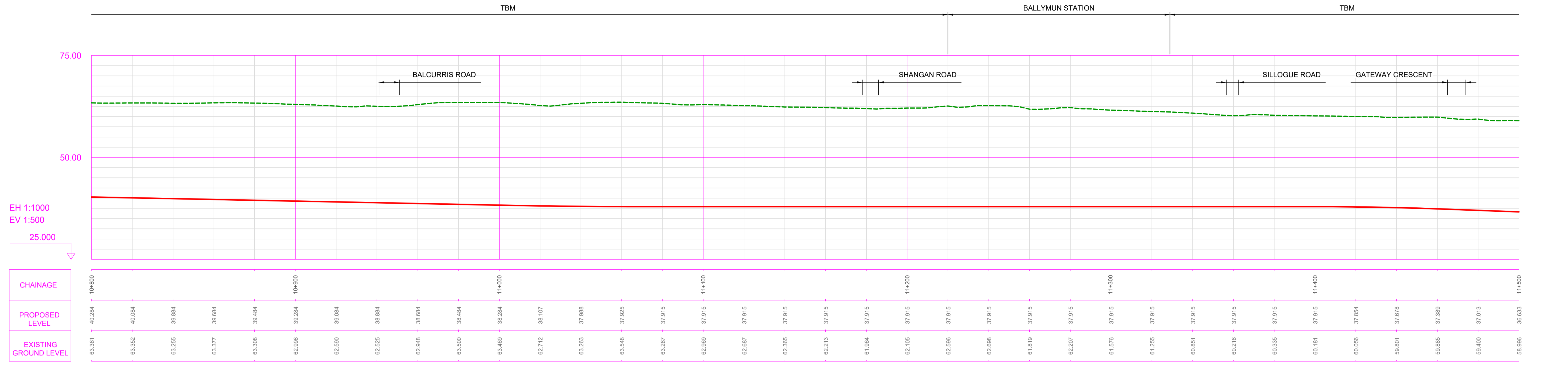




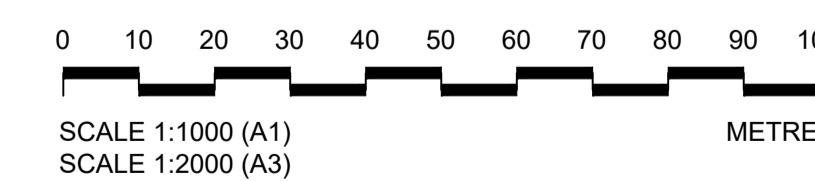
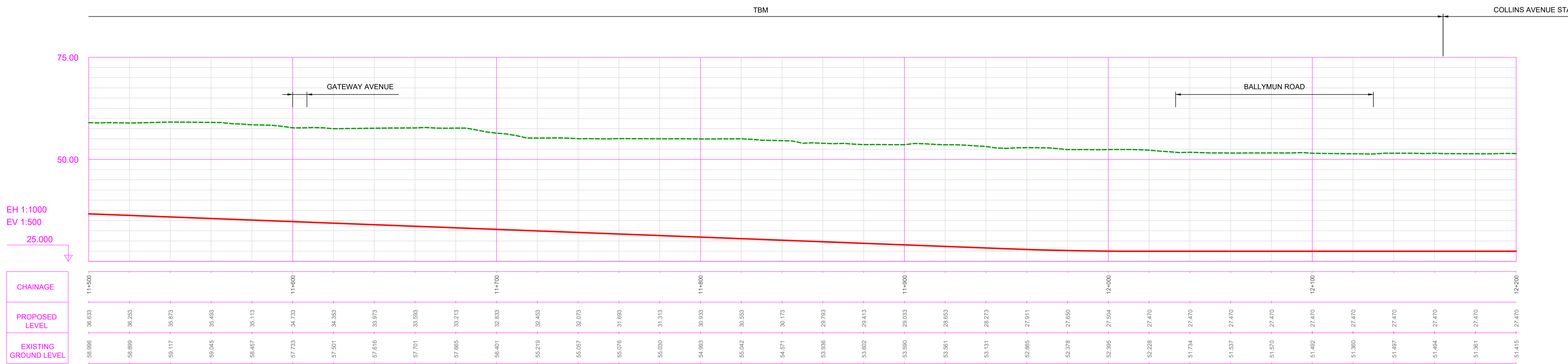
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	28/07/21	For Railway Order	JD	JR	RS	NC
P02	21/12/21	For Railway Order	BJ	RS	AS	NC

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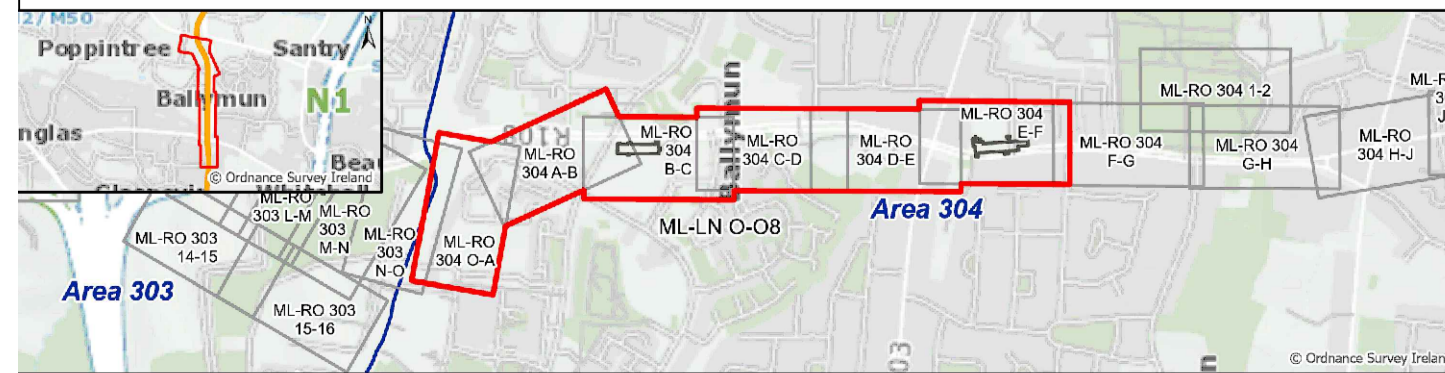
Client <b>TII</b> <b>NTA</b> Udarás Náisiúnta Iompar National Transport Authority	Project <b>METROLINK</b>	Drawing Title METROLINK - ALIGNMENT LONG SECTION 7	Drawing Status S0
Consultant <b>JACOBS</b> <b>IDOM</b>	Drawing N° ML1-JAI-ARD-ROUT_XX-DR-Y-01007	Plan Drawing N° ML-LN O-07	Sheet 7 of 19
Scales Original Size A1 1:1000			



DRAWING LEGEND	
<span style="color: red;">—</span>	RAIL LEVEL
<span style="color: green;">- - -</span>	EXISTING GROUND LEVEL



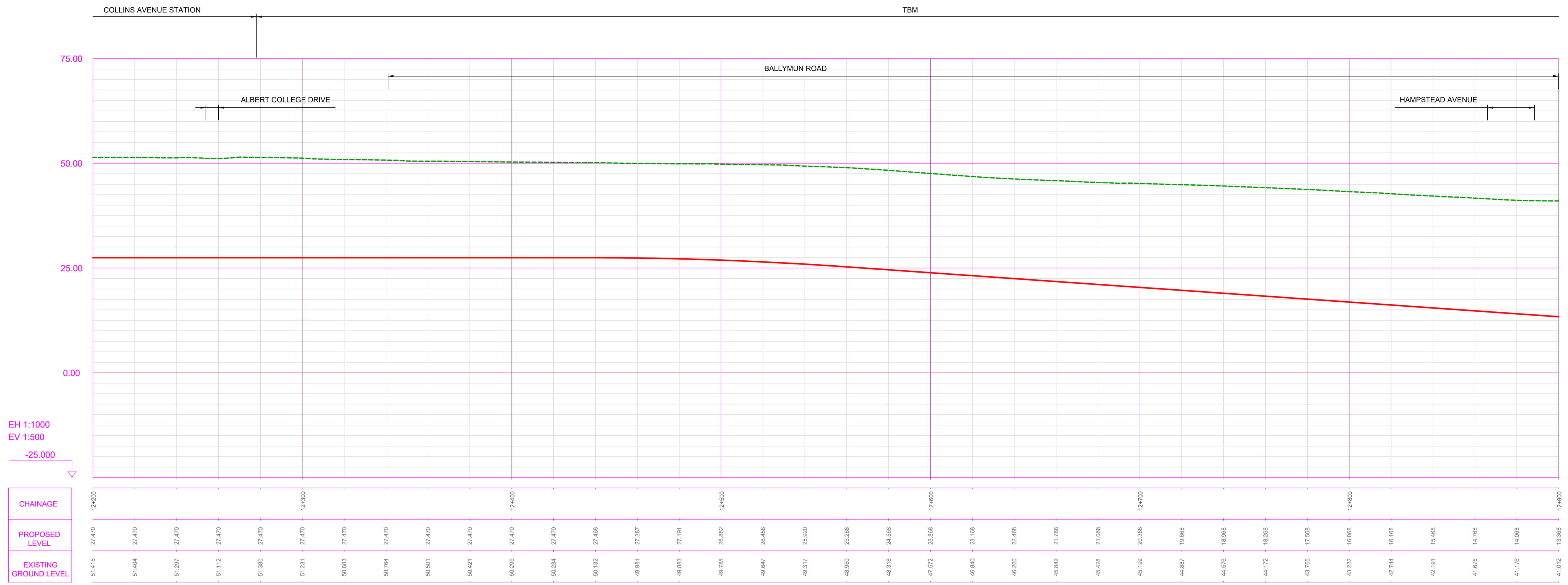
DRAWING LEGEND	
<span style="color: red;">—</span>	RAIL LEVEL
<span style="color: green;">- - -</span>	EXISTING GROUND LEVEL



REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	29/07/21	For Railway Order	JD	JR	RS	NC
P02	21/12/21	For Railway Order	BJ	RS	AS	NC

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Client		Project	METROLINK	Drawing Title	METROLINK - ALIGNMENT LONG SECTION 8	Drawing Status	S0
Consultant		Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-01008	Plan Drawing N°	ML-LN O-08	Sheet 8 of 19	
		Scales Original Size A1	1:1000				

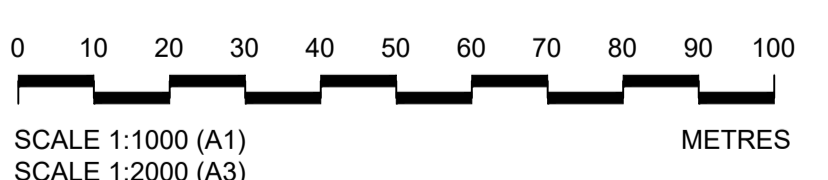


EH 1:1000  
EV 1:500  
-25.000

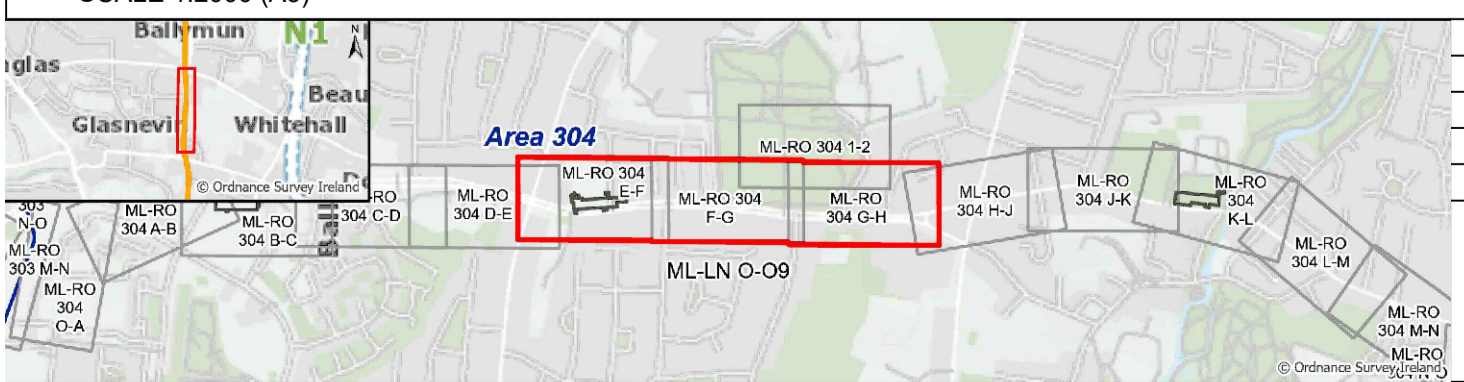
CHAINAGE	PROPOSED LEVEL	EXISTING GROUND LEVEL
12+500	27.470	51.415
12+510	27.470	51.404
12+520	27.470	51.297
12+530	27.470	51.112
12+540	27.470	51.390
12+550	27.470	51.231
12+560	27.470	50.883
12+570	27.470	50.764
12+580	27.470	50.501
12+590	27.470	50.421
12+400	27.470	50.299
12+410	27.470	50.234
12+420	27.468	50.132
12+430	27.387	49.981
12+440	27.191	49.863
12+450	26.882	49.788
12+460	26.458	49.647
12+470	25.920	49.317
12+480	25.298	48.960
12+490	24.568	48.318
12+500	23.868	47.572
12+510	23.168	46.840
12+520	22.468	46.260
12+530	21.768	45.642
12+540	21.068	45.428
12+550	20.368	45.199
12+560	19.668	44.887
12+570	18.968	44.576
12+580	18.268	44.172
12+590	17.568	43.765
12+600	16.868	43.232
12+610	16.168	42.744
12+620	15.468	42.191
12+630	14.768	41.675
12+640	14.068	41.176
12+650	13.368	41.012

TO ESTUARY ←

→ TO CHARLEMONT



DRAWING LEGEND	
<span style="color: red;">—</span>	RAIL LEVEL
<span style="color: green;">- - -</span>	EXISTING GROUND LEVEL

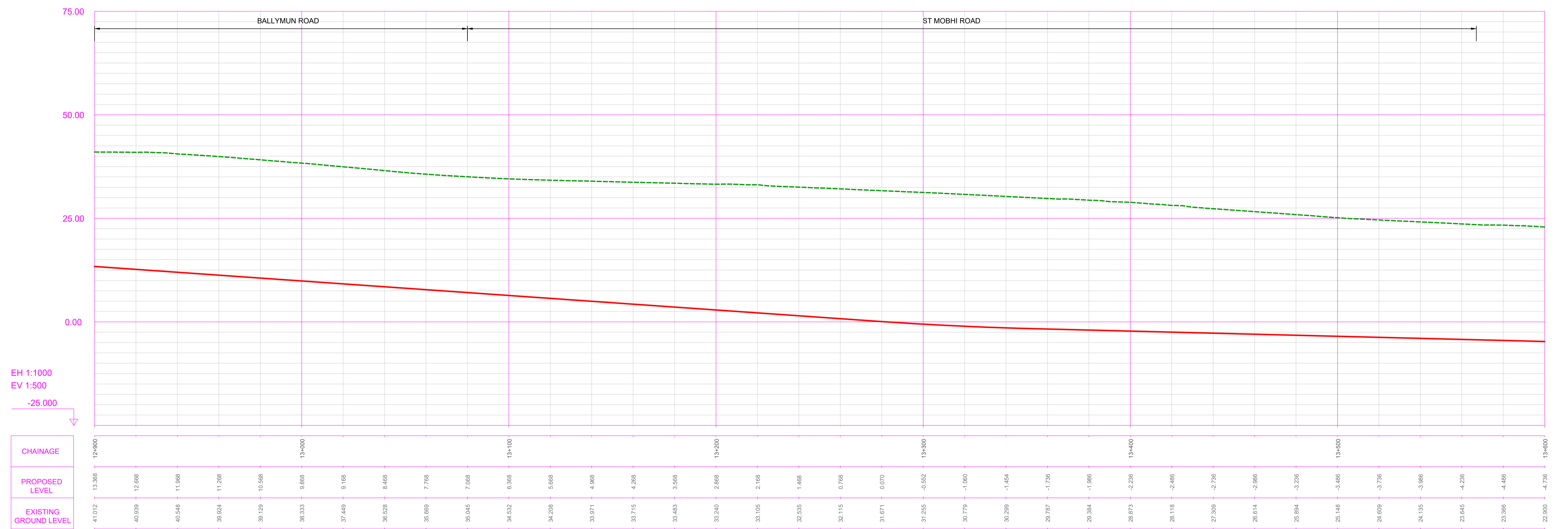


REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	29/07/21	For Railway Order	JD	JR	RS	NC
P02	21/12/21	For Railway Order	BJ	RS	AS	NC

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Client	TII NTA	Project	METROLINK	Drawing Title	METROLINK - ALIGNMENT LONG SECTION 9	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-01009	Plan Drawing N°	ML-LN O-09	Sheet 9 of 19	
		Scales Original Size A1	1:1000				

TBM

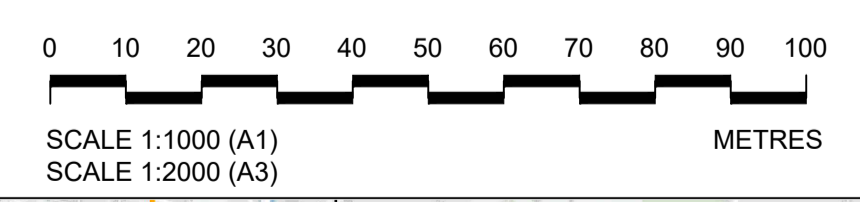


EH 1:1000  
EV 1:500  
-25.000

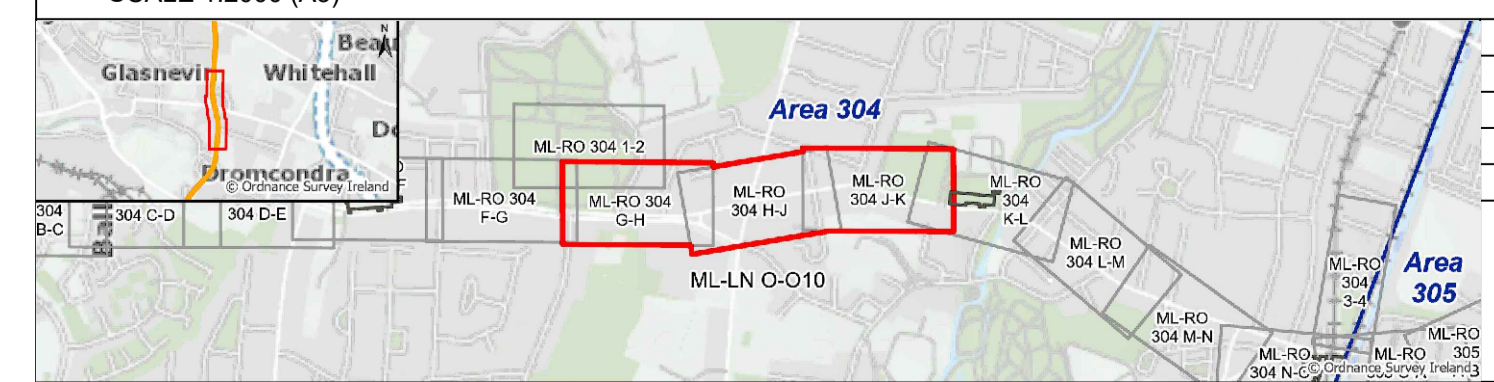
CHAINAGE	PROPOSED LEVEL	EXISTING GROUND LEVEL
12+900	13.388	41.012
12+950	12.668	40.939
13+000	11.988	40.548
13+050	11.268	39.924
13+100	10.588	39.129
13+150	9.868	38.333
13+200	9.188	37.449
13+250	8.488	36.528
13+300	7.768	35.669
13+350	7.068	35.045
13+400	6.368	34.532
13+450	5.668	34.208
13+500	4.988	33.971
13+550	4.288	33.715
13+600	3.568	33.483
13+650	2.868	33.240
13+700	2.168	33.105
13+750	1.468	32.535
13+800	0.768	32.115
13+850	0.070	31.671
13+900	-0.622	31.255
13+950	-1.060	30.779
14+000	-1.454	30.299
14+050	-1.736	29.767
14+100	-1.986	29.384
14+150	-2.236	28.873
14+200	-2.468	28.118
14+250	-2.738	27.399
14+300	-2.986	26.614
14+350	-3.238	25.894
14+400	-3.468	25.148
14+450	-3.738	24.609
14+500	-3.986	24.135
14+550	-4.238	23.645
14+600	-4.488	23.366
14+650	-4.738	22.900

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TO CHARLEMONT →



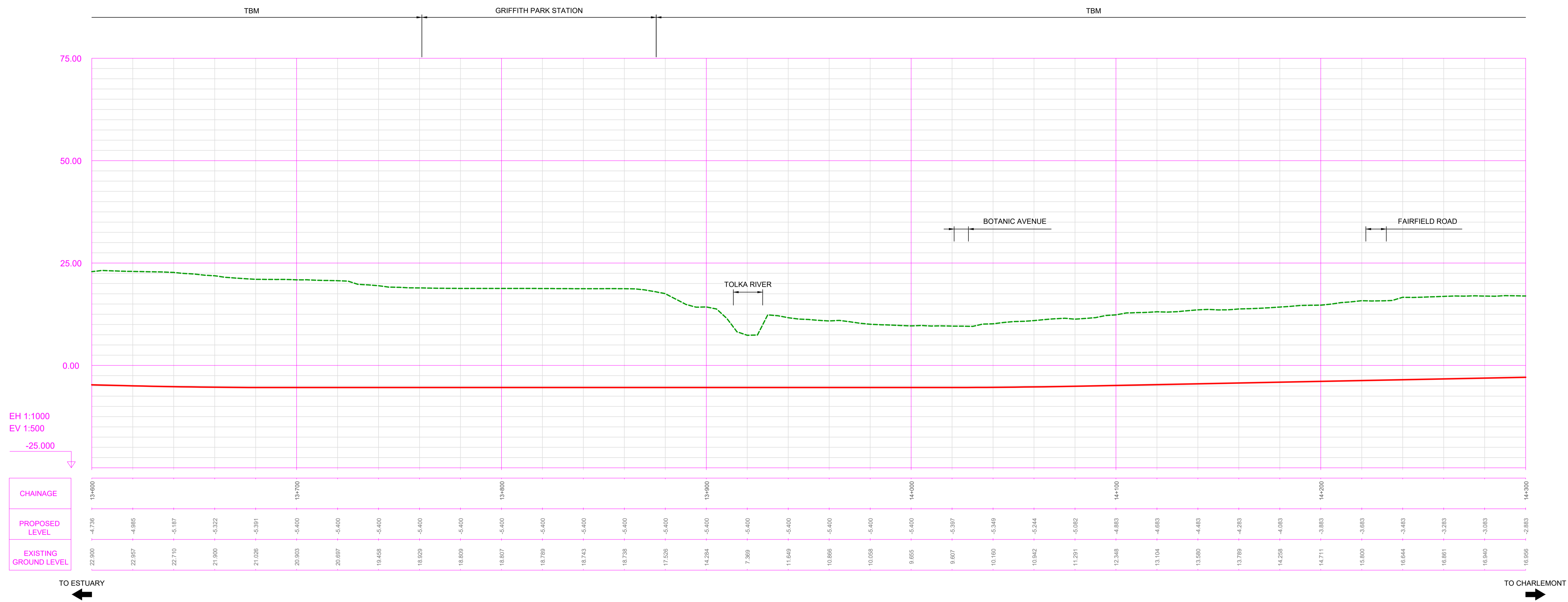
DRAWING LEGEND	
<span style="color: red;">—</span>	RAIL LEVEL
<span style="color: green;">- - -</span>	EXISTING GROUND LEVEL



REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	29/07/21	For Railway Order	JD	JR	RS	NC
P02	21/12/21	For Railway Order	BJ	RS	AS	NC

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Client <b>TII</b> <b>NTA</b> Udarás Náisiúnta Iompar National Transport Authority	Project <b>METROLINK</b>	Drawing Title METROLINK - ALIGNMENT LONG SECTION 10	Drawing Status S0
Consultant <b>JACOBS</b> <b>IDOM</b>	Drawing N° ML1-JAI-ARD-ROUT_XX-DR-Y-01010	Plan Drawing N° ML-LN O-010	Sheet 10 of 19
Scales Original Size A1 1:1000			

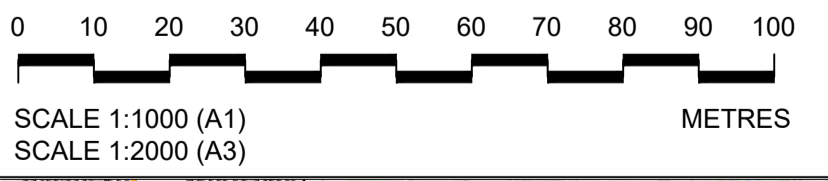


EH 1:1000  
EV 1:500  
-25.000

CHAINAGE	PROPOSED LEVEL	EXISTING GROUND LEVEL
13+000	-4.736	22.900
13+050	-4.895	22.957
13+100	-5.187	22.710
13+150	-5.322	21.900
13+200	-5.391	21.026
13+250	-5.400	20.903
13+300	-5.400	20.697
13+350	-5.400	19.458
13+400	-5.400	18.929
13+450	-5.400	18.809
13+500	-5.400	18.807
13+550	-5.400	18.789
13+600	-5.400	18.743
13+650	-5.400	18.738
13+700	-5.400	17.526
13+750	-5.400	14.284
13+800	-5.400	7.269
13+850	-5.400	11.649
13+900	-5.400	10.866
13+950	-5.400	10.058
14+000	-5.400	9.655
14+050	-5.397	9.607
14+100	-5.349	10.160
14+150	-5.244	10.942
14+200	-5.082	11.291
14+250	-4.893	12.348
14+300	-4.683	13.104
14+350	-4.483	13.680
14+400	-4.283	13.789
14+450	-4.083	14.258
14+500	-3.883	14.711
14+550	-3.683	15.800
14+600	-3.483	16.644
14+650	-3.283	16.861
14+700	-3.083	16.940
14+750	-2.883	16.956

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→ TO CHARLEMONT



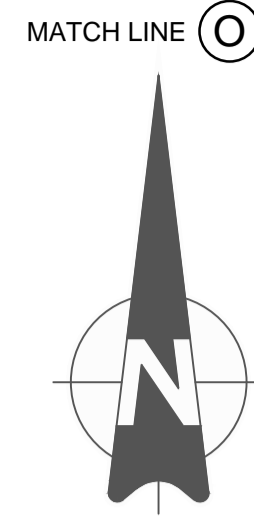
DRAWING LEGEND	
	RAIL LEVEL
	EXISTING GROUND LEVEL



REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	29/07/21	For Railway Order	JD	JR	RS	NC
P02	21/12/21	For Railway Order	BJ	RS	AS	NC

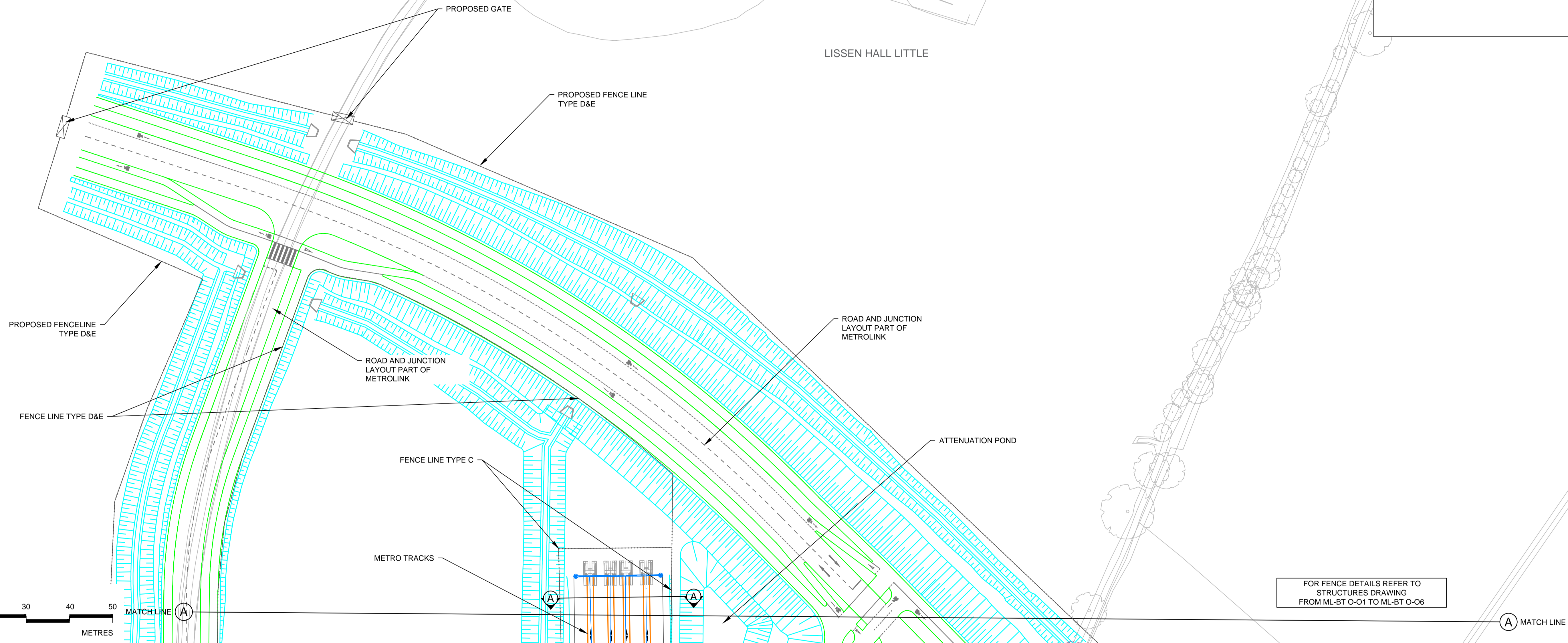
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Client 	Project <b>METROLINK</b>	Drawing Title METROLINK - ALIGNMENT LONG SECTION 11	Drawing Status S0
Consultant 	Drawing N° ML1-JAI-ARD-ROUT_XX-DR-Y-01011	Plan Drawing N° ML-LN O-011	Sheet 11 of 19
Scales Original Size A1 1:1000			

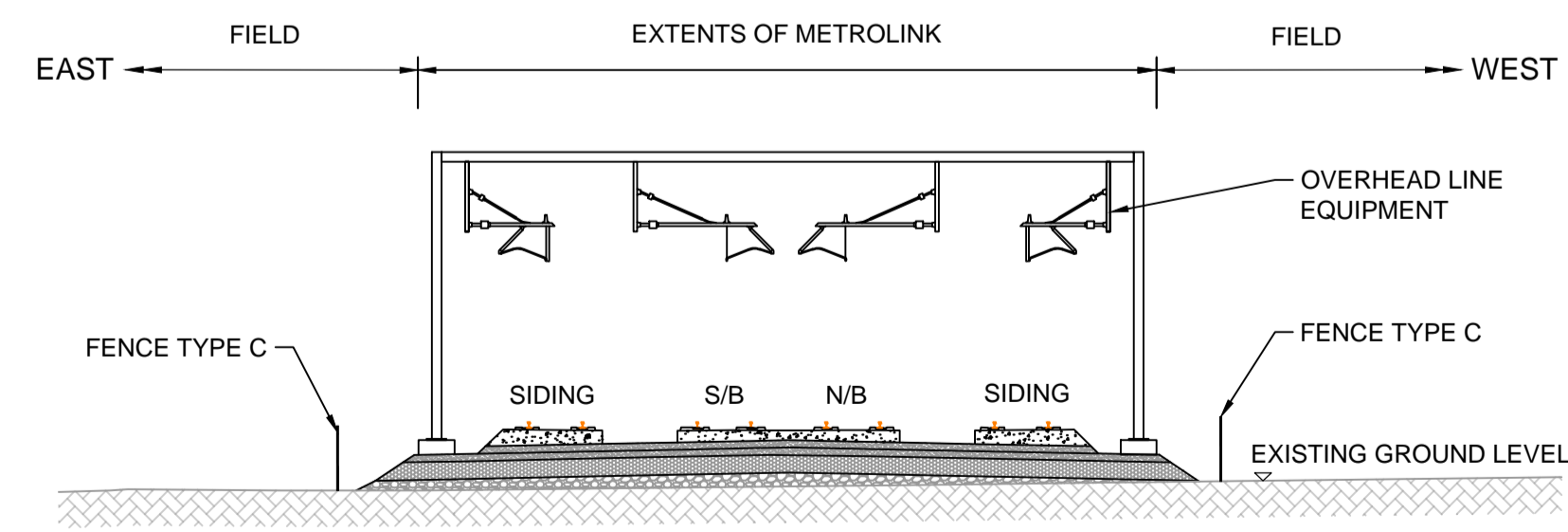


**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED
- PROPOSED KERB



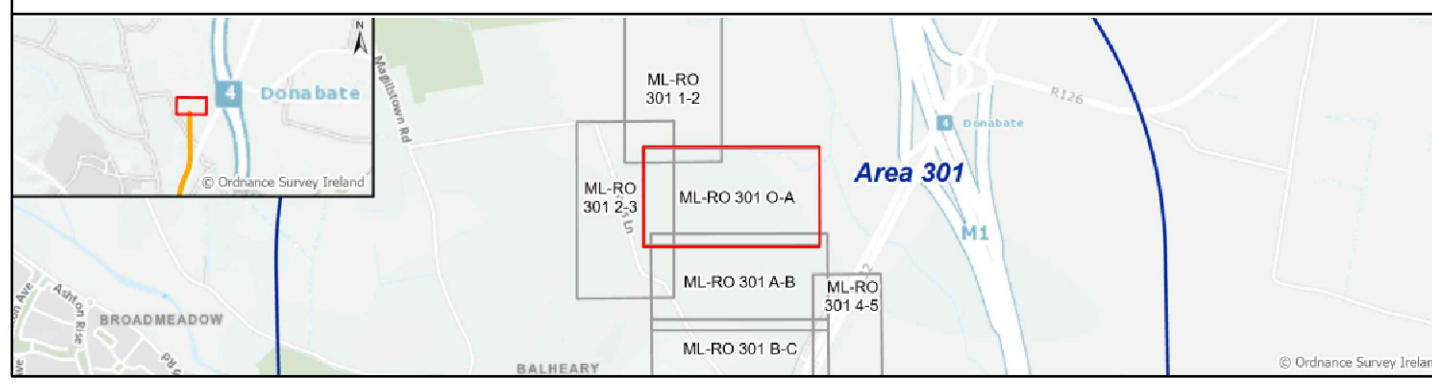
FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06



**SECTION A - A  
EMBANKMENT**

0 5 10 20 METRES  
SCALE 1:200 (A1)  
SCALE 1:400 (A3)

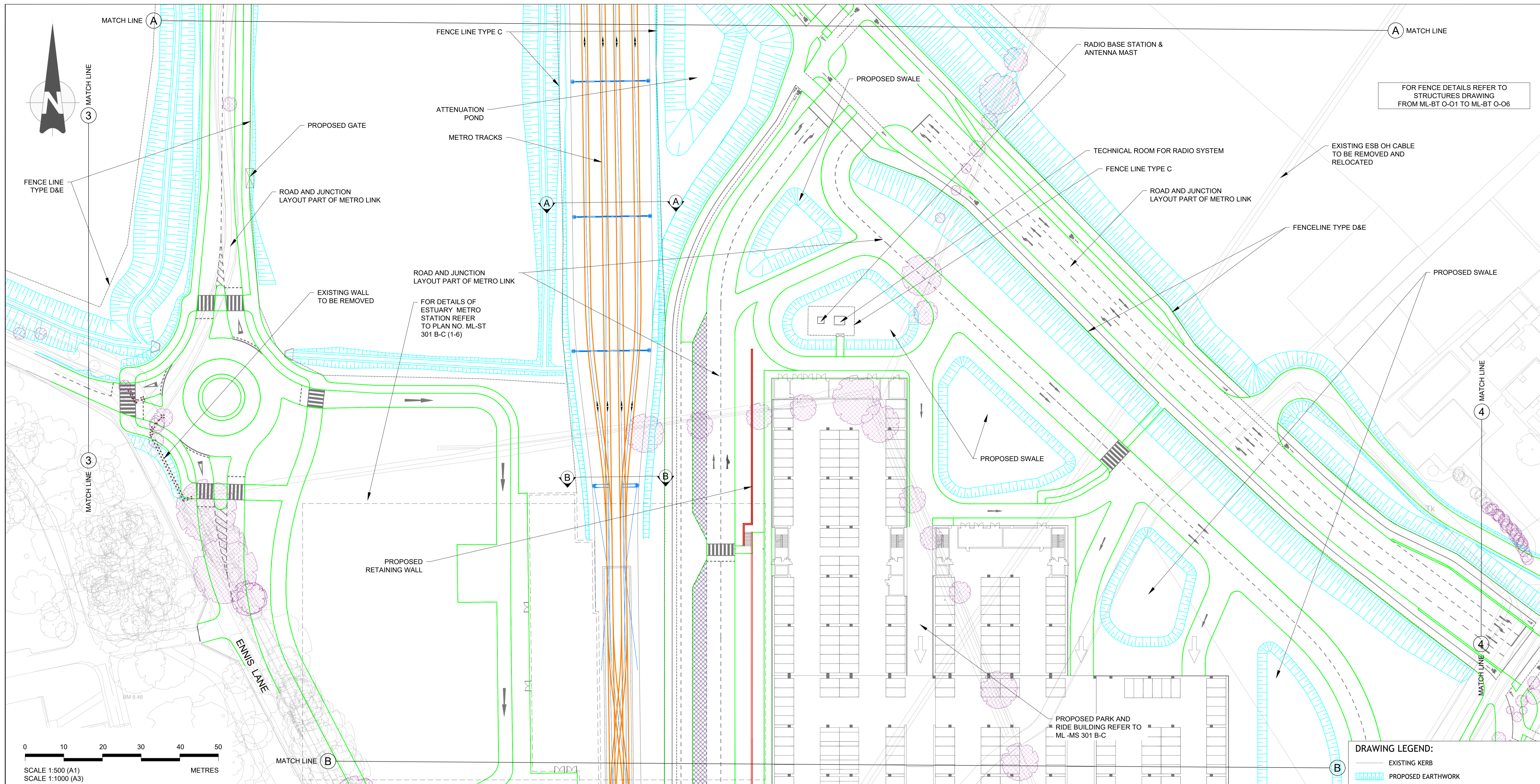
- NOTES:**
1. FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  2. FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  3. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	26/07/21	For Railway Order	AG	RS	RS	NC
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB

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Client 	Project <b>METROLINK</b>	Drawing Title METROLINK - GENERAL ARRANGEMENT LISSENHALL LITTLE (SHEET 1 OF 4)	Drawing Status S0
Consultant 	Drawing N° ML1-JAI-ARD-ROUT_XX-DR-Y-03001	Plan Drawing N° ML-RO 301 O-A	Scales Original Size A1 AS SHOWN
		Sheet 1 of 1	



FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT 0-01 TO ML-BT 0-06

0 10 20 30 40 50  
SCALE 1:500 (A1)  
SCALE 1:1000 (A3)  
METRES

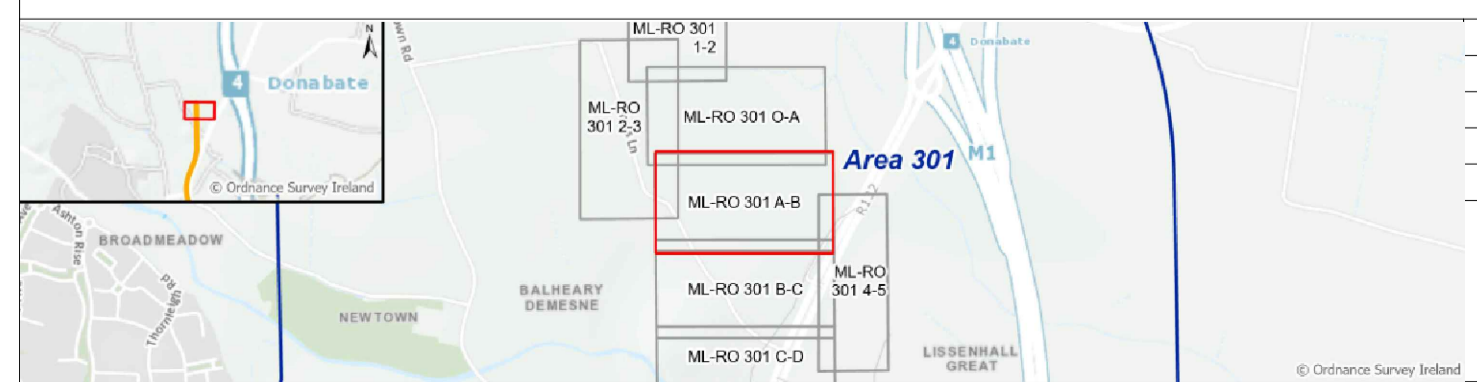
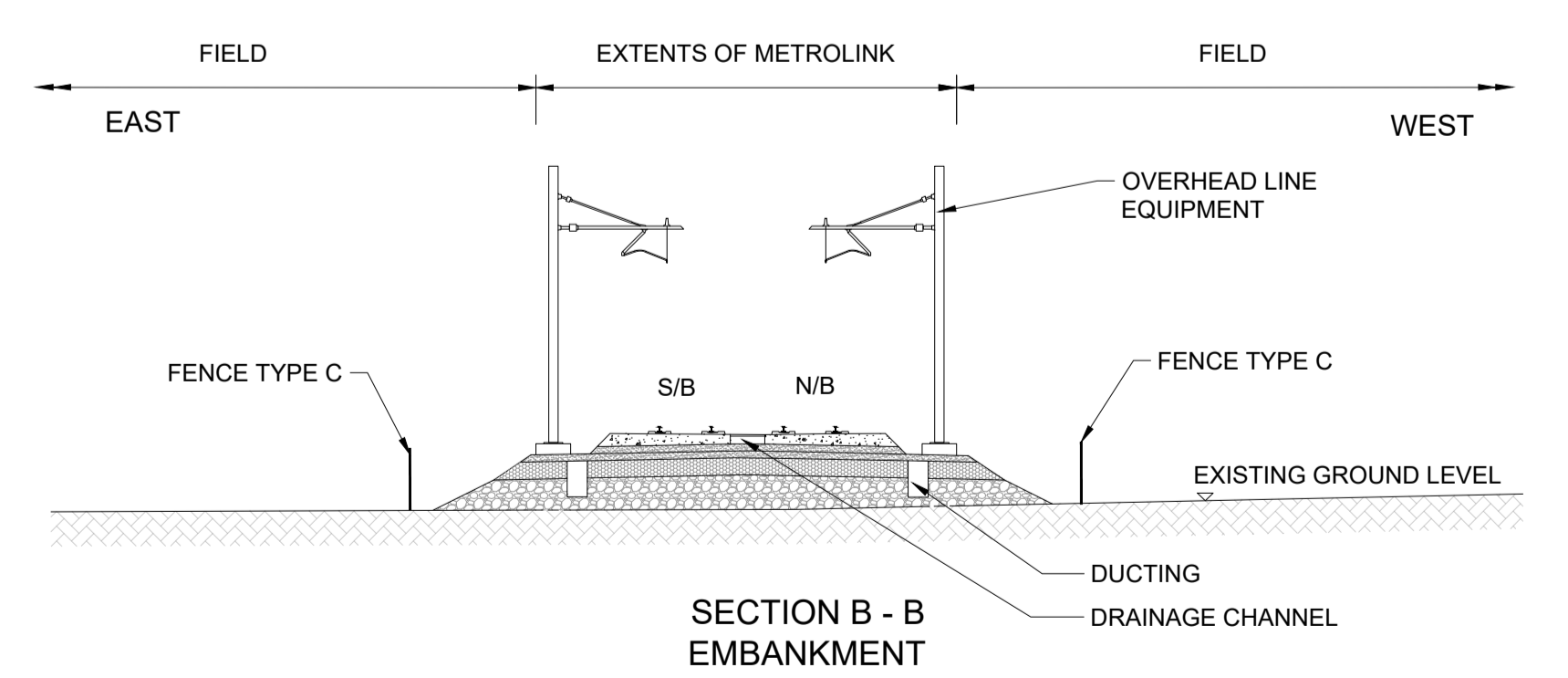
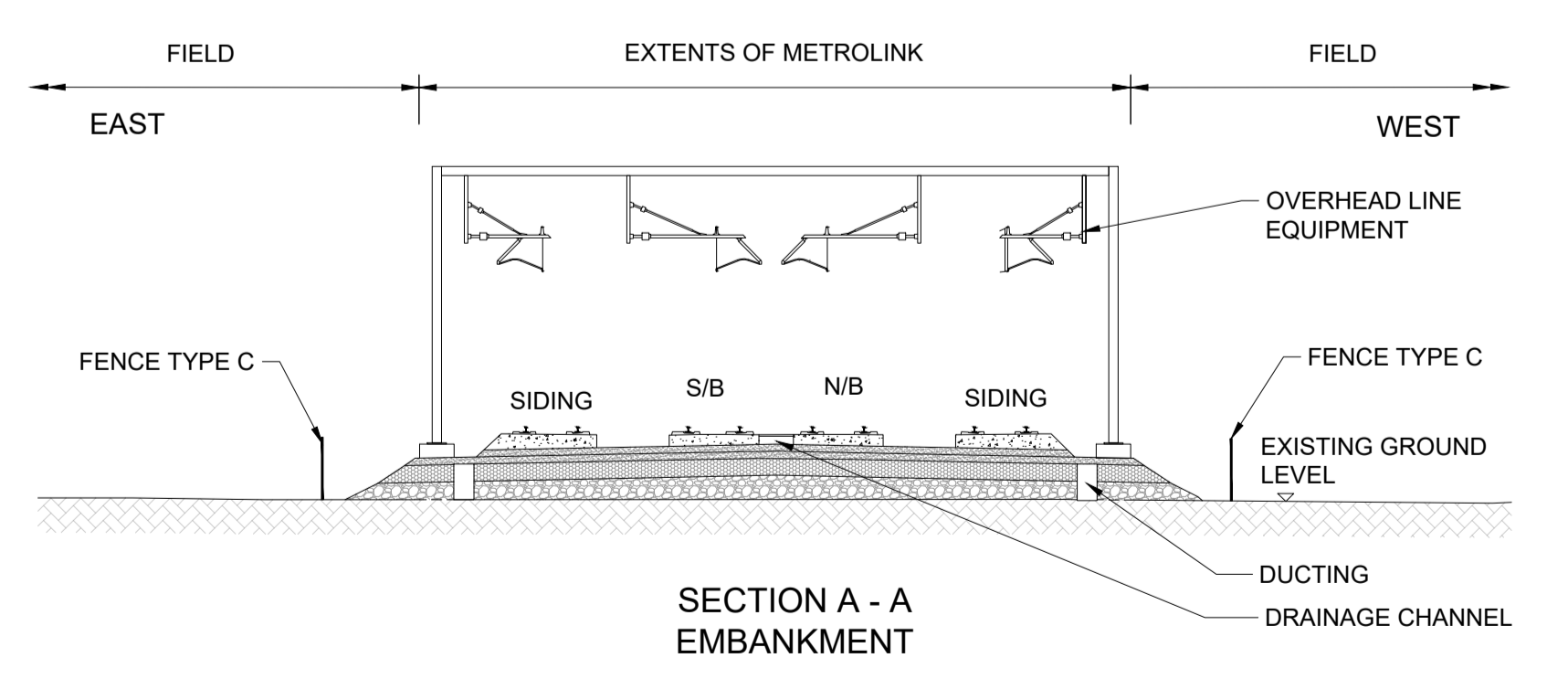
**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED
- PROPOSED KERB
- EXISTING KERB TO BE REMOVED

**NOTES:**

- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
- FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
- FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)

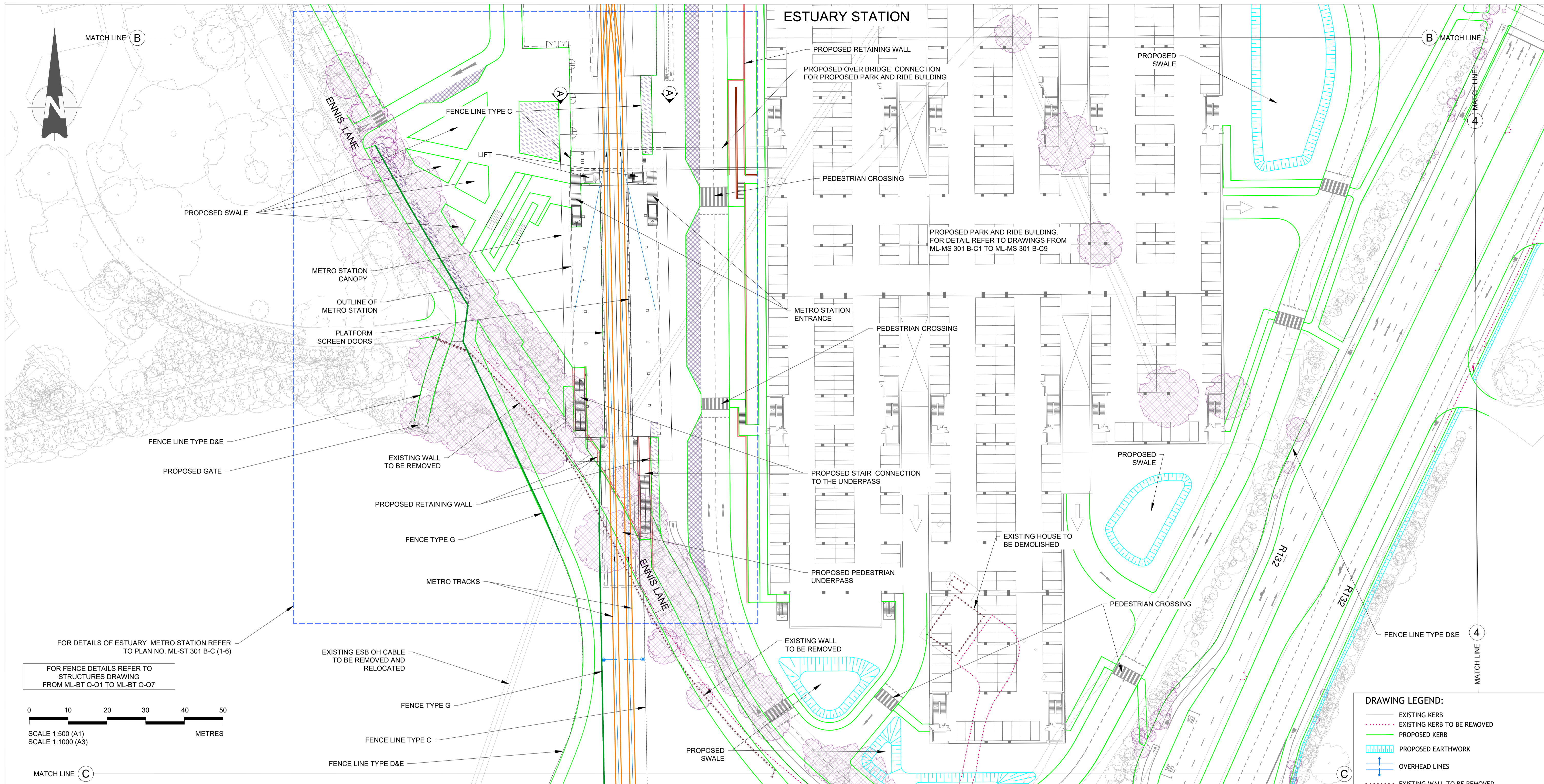
0 5 10 20  
SCALE 1:200 (A1)  
SCALE 1:400 (A3)  
METRES



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	26/07/21	For Railway Order	AG	RS	RS	NC
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	31/05/22	For Railway Order	BJ	JR	AS	PB
P04	16/08/22	For Railway Order	GB	MM	MM	PB

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All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLTG).

Client <b>TII</b> <b>NTA</b> Transport Infrastructure Ireland Údaráis Náisiúnta Iompar National Transport Authority	Project <b>METROLINK</b>	Drawing Title METROLINK - GENERAL ARRANGEMENT LISKENHALL LITTLE (SHEET 2 OF 4)	Drawing Status S0
Consultant <b>JACOBS</b> <b>IDOM</b>	Drawing N° ML1-JAI-ARD-ROUT_XX-DR-Y-03002	Plan Drawing N° ML-RO 301 A-B	Sheet 1 of 1
Scales Original Size A1 AS SHOWN			



FOR DETAILS OF ESTUARY METRO STATION REFER TO PLAN NO. ML-ST 301 B-C (1-6)

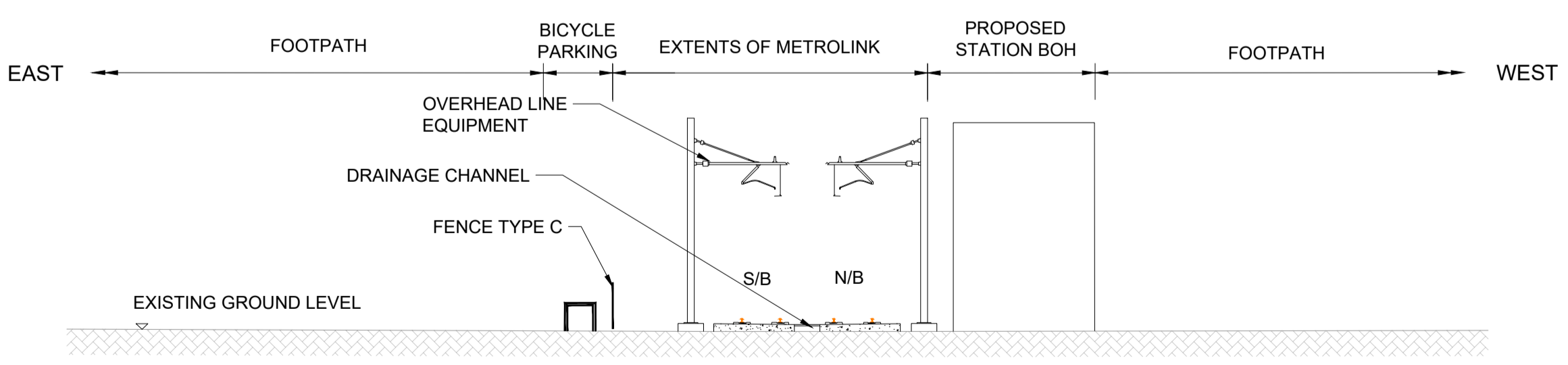
FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-O1 TO ML-BT O-O7

0 10 20 30 40 50 METRES

SCALE 1:500 (A1)  
SCALE 1:1000 (A3)

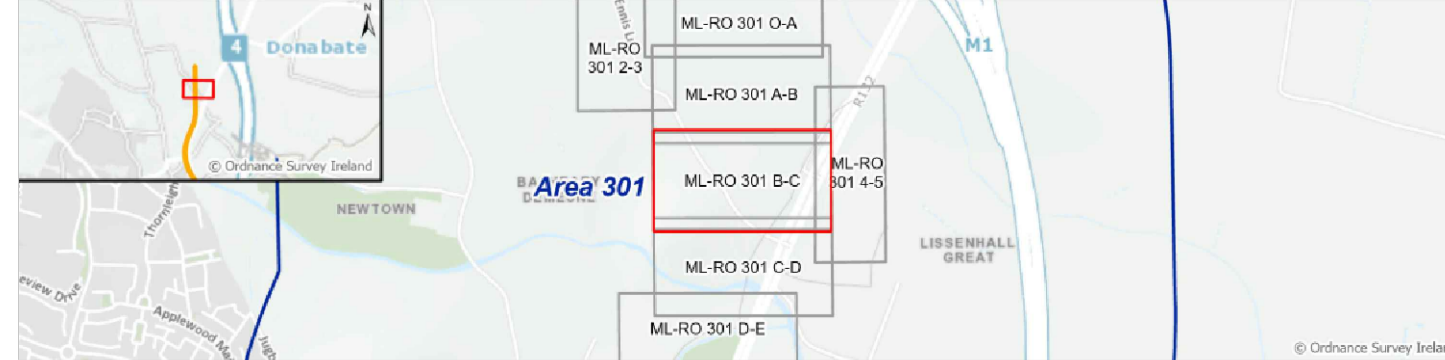
- DRAWING LEGEND:**
- EXISTING KERB
  - - - EXISTING KERB TO BE REMOVED
  - PROPOSED KERB
  - ▨ PROPOSED EARTHWORK
  - OVERHEAD LINES
  - - - EXISTING WALL TO BE REMOVED
  - TRAFFIC FLOW
  - ▨ METRO TUNNEL EXTENTS
  - ▨ METRO RAIL TRACKS
  - ▨ PROPOSED CAR PARKING
  - ▨ PROPOSED BICYCLE PARKING (254 SPACES)
  - ▨ EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
  - ▨ VENTILATION GRILLE AT GROUND LEVEL
  - ⊗ TREES TO BE REMOVED
  - ⊙ TREES TO BE RETAINED
  - PROPOSED NOISE BARRIER

- NOTES:**
1. FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  2. FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  3. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



0 5 10 20 METRES

SCALE 1:200 (A1)  
SCALE 1:400 (A3)



P01	15/07/21	For Railway Order	RS	AK	RS	NC
P02	16/11/21	For Railway Order	JR	RS	SH	NC
P03	01/06/22	For Railway Order	BJ	JR	AS	PB
P04	16/08/22	For Railway Order	GB	MM	MM	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

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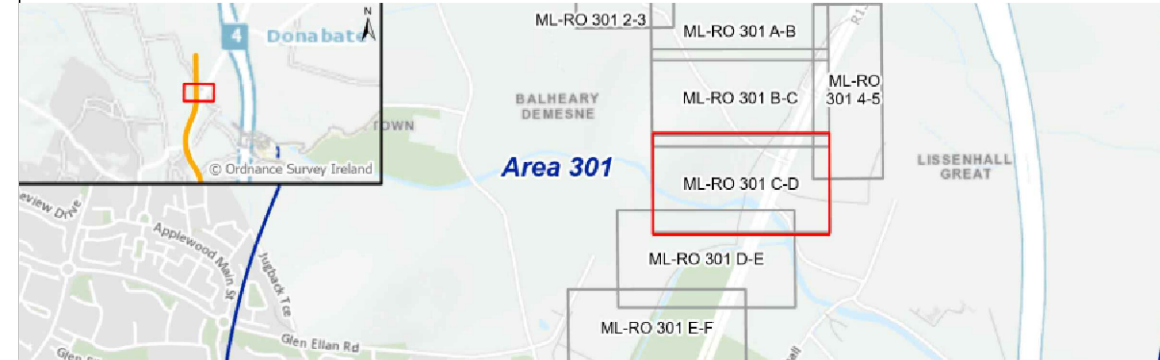
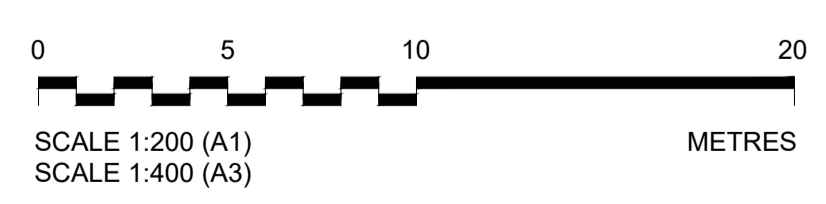
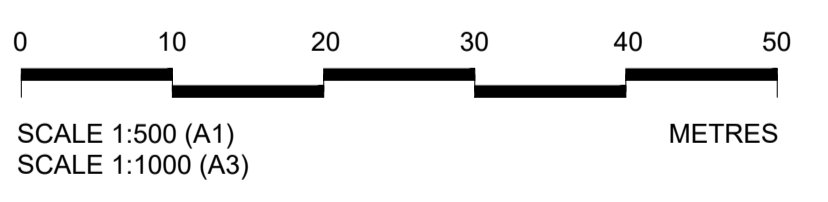
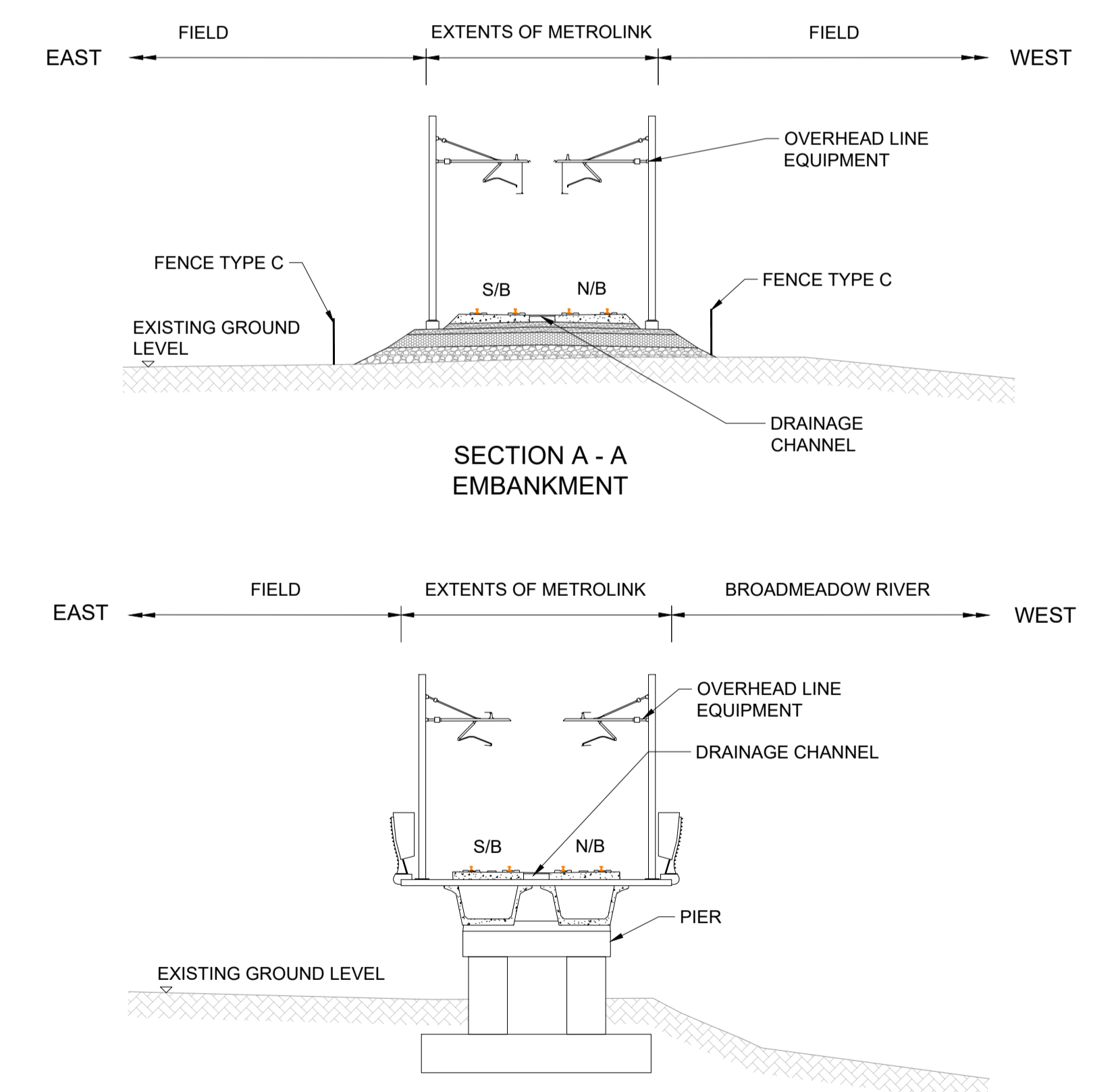
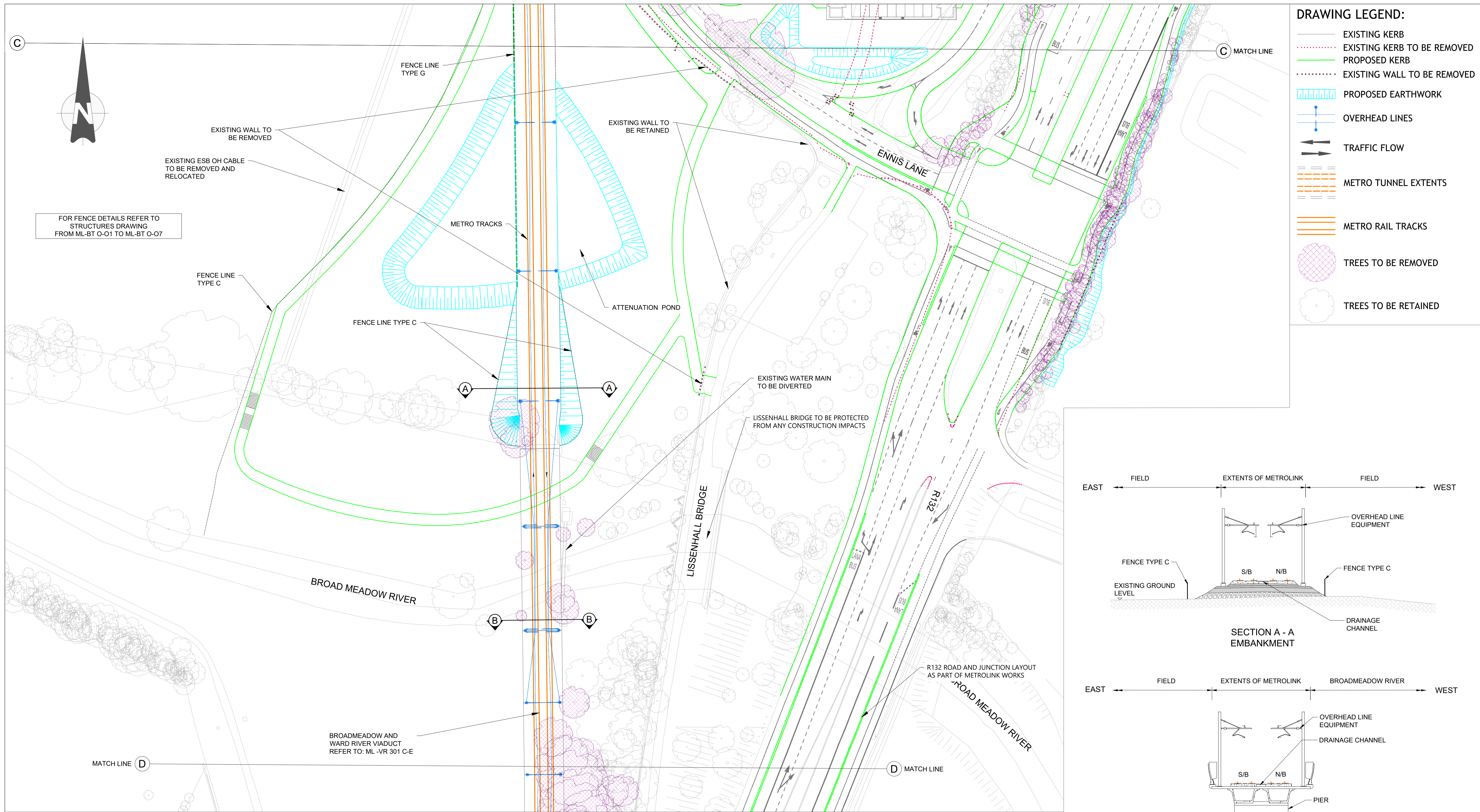
Client: **TI** **NTA**

Project: **METROLINK**

Consultant: **JACOBS** **IDOM**

Drawing Title	METROLINK - GENERAL ARRANGEMENT ESTUARY	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03003	Plan Drawing N°	ML-RO 301 B-C
Scales Original Size A1	AS SHOWN	Sheet	1 of 1





P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
P04	19/08/22	For Railway Order	OO	MM	MM	PB
P05	08/09/22	For Railway Order	MM	AS	AS	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

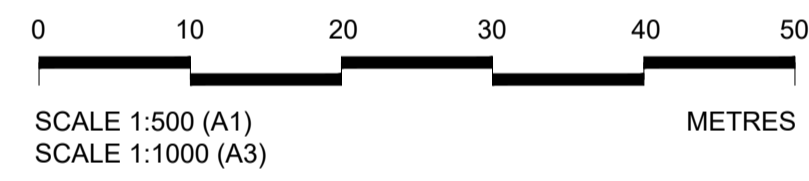
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**Client**  
TII NTA  
Transport Infrastructure Ireland Údarás Náisiúnta Iompar

**Project**  
METROLINK

**Consultant**  
JACOBS IDOM

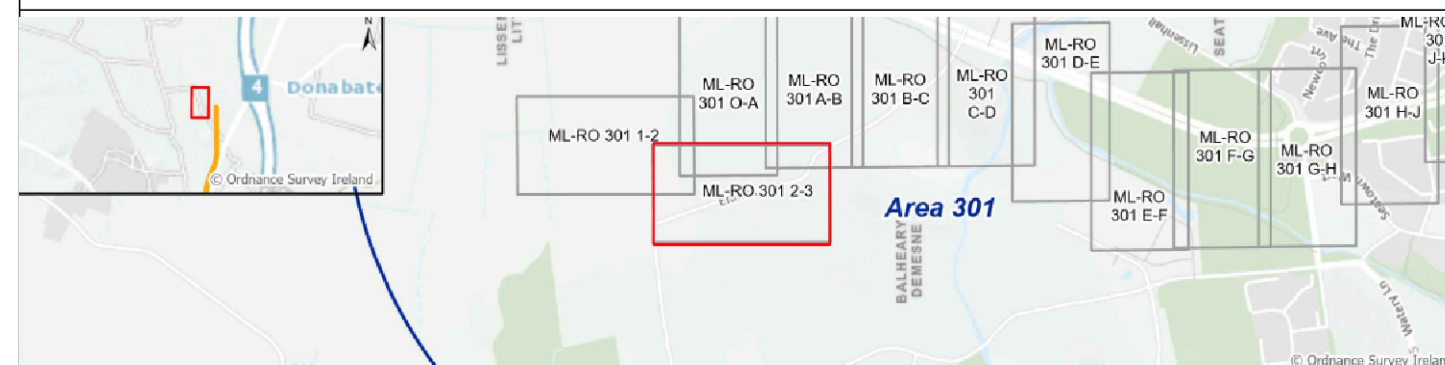
<b>Drawing Title</b> METROLINK - GENERAL ARRANGEMENT BALHEARY DEMESNE (SHEET 1 OF 5)	<b>Drawing Status</b> S0
<b>Drawing N°</b> ML1-JAI-ARD-ROUT_XX-DR-Y-03004	<b>Plan Drawing N°</b> ML-RO 301 C-D
<b>Scales Original Size A1</b> AS SHOWN	<b>Sheet</b> 1 of 1



**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED
- PROPOSED KERB

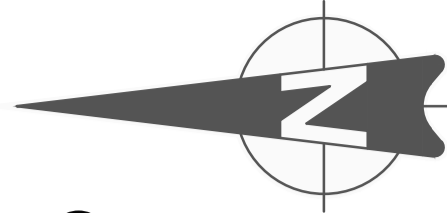
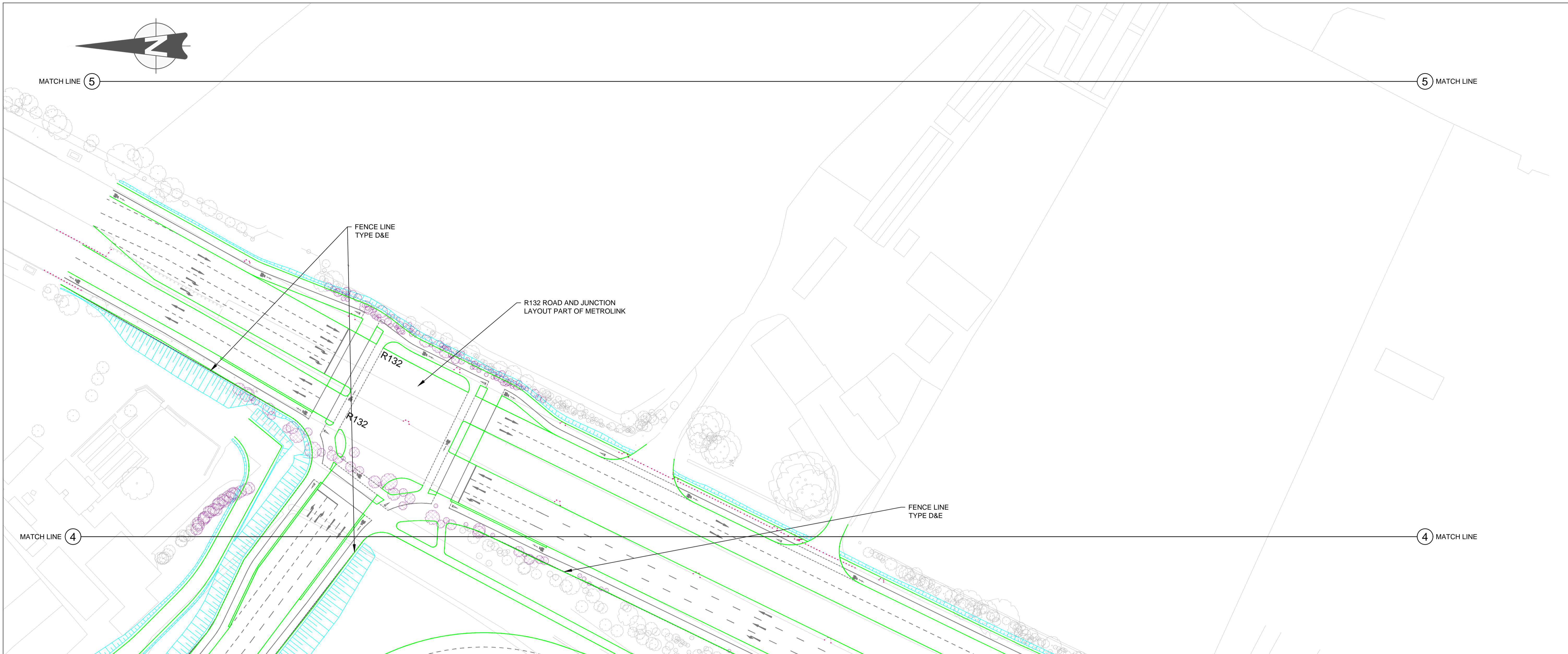
- NOTES:**
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  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	26/07/21	For Railway Order	AG	RS	RS	NC
P02	20/05/22	For Railway Order	BJ	JR	AS	PB
P03	16/08/22	For Railway Order	GB	MM	MM	PB

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Client	TII NTA Udaráis Náisiúnta Iompar National Transport Authority	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT LISSENHALL LITTLE (SHEET 4 OF 4)	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03006	Plan Drawing N°	ML-RO 301 2-3	Sheet 1 of 1	
		Scales	Original Size A1 AS SHOWN				



MATCH LINE 5

MATCH LINE 5

MATCH LINE 4

MATCH LINE 4

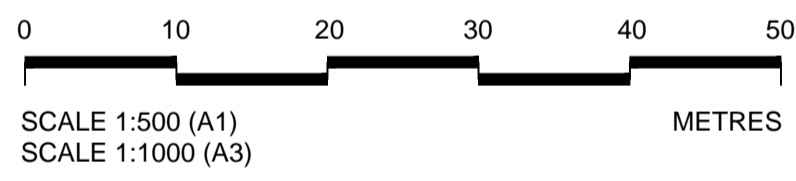
FENCE LINE TYPE D&E

R132 ROAD AND JUNCTION LAYOUT PART OF METROLINK

R132

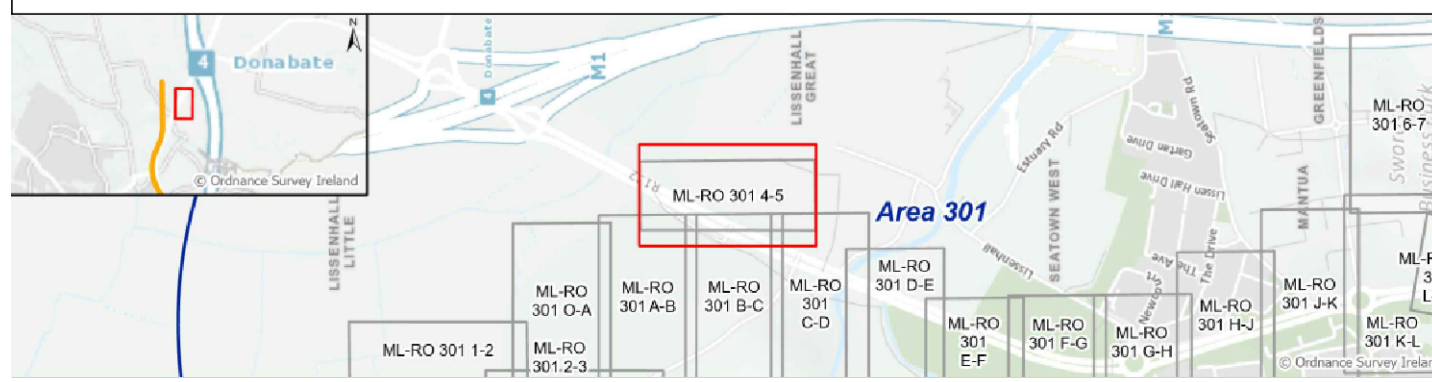
R132

FENCE LINE TYPE D&E



- DRAWING LEGEND:**
- EXISTING KERB
  - PROPOSED EARTHWORK
  - OVERHEAD LINES
  - TRAFFIC FLOW
  - METRO TUNNEL EXTENTS COMMENCING ML P)
  - METRO RAIL TRACKS
  - TREES TO BE REMOVED
  - TREES TO BE RETAINED
  - PROPOSED KERB
  - EXISTING KERB TO BE REMOVED

- NOTES:**
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



P01	26/07/21	For Railway Order	AG	RS	RS	NC
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

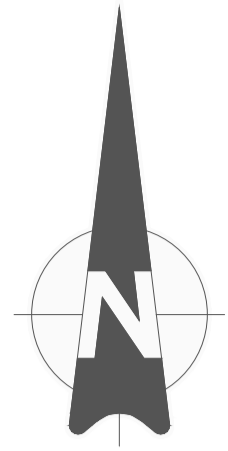
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Client **TII** **NTA**  
 Udarás Náisiúnta Iomparáil  
 National Transport Authority

Project **METROLINK**

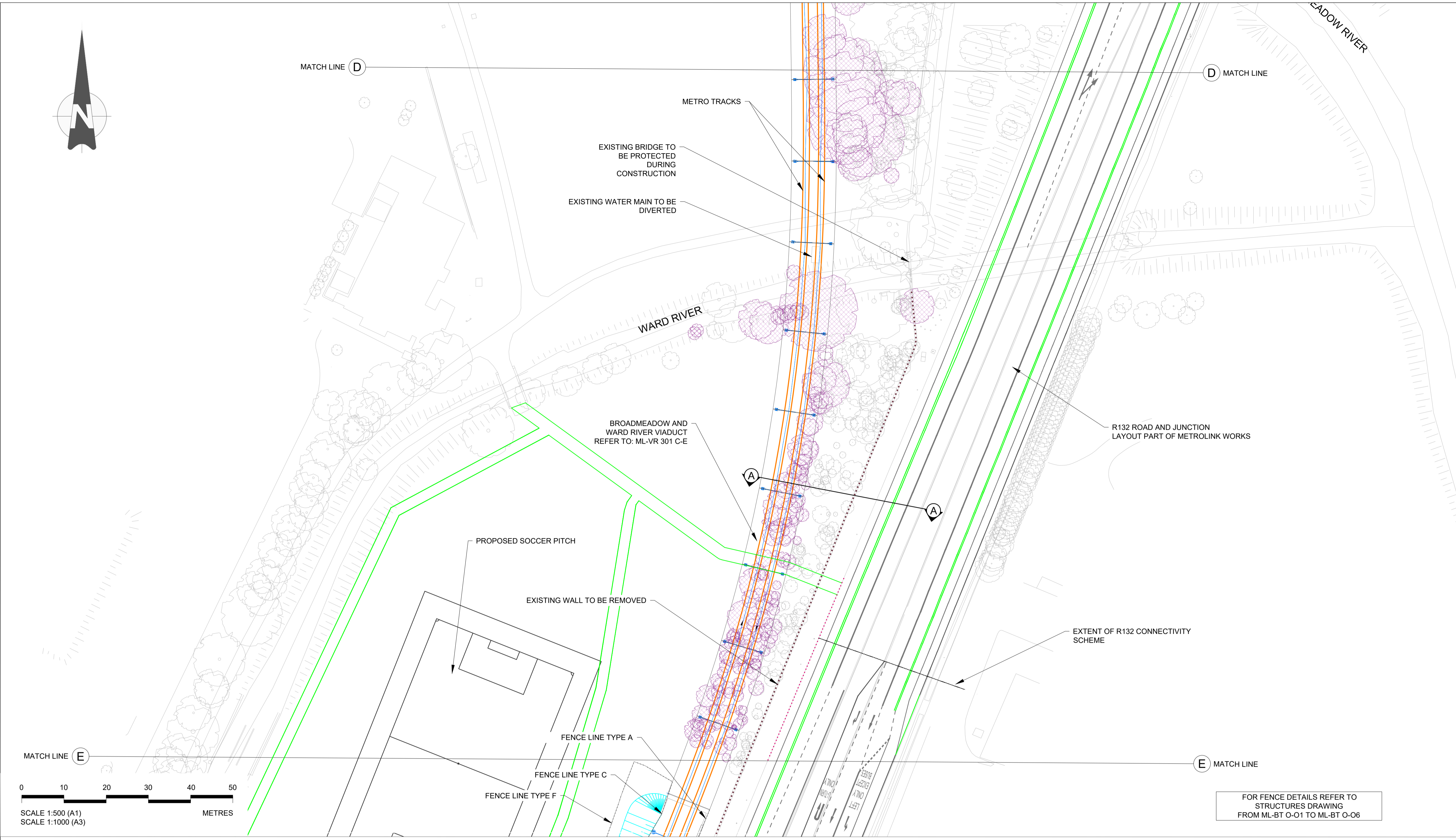
Consultant **JACOBS** **IDOM**

Drawing Title	METROLINK - GENERAL ARRANGEMENT LISSENHALL GREAT	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03007	Plan Drawing N°	ML-RO 301 4-5
Scales Original Size A1	AS SHOWN	Sheet	1 of 1

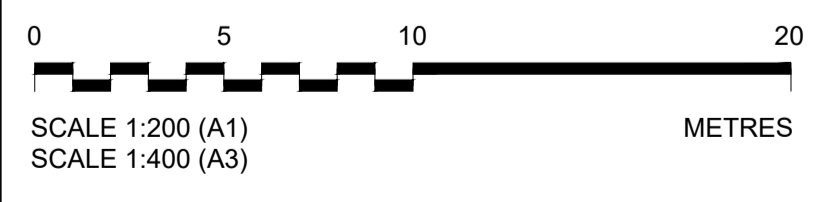
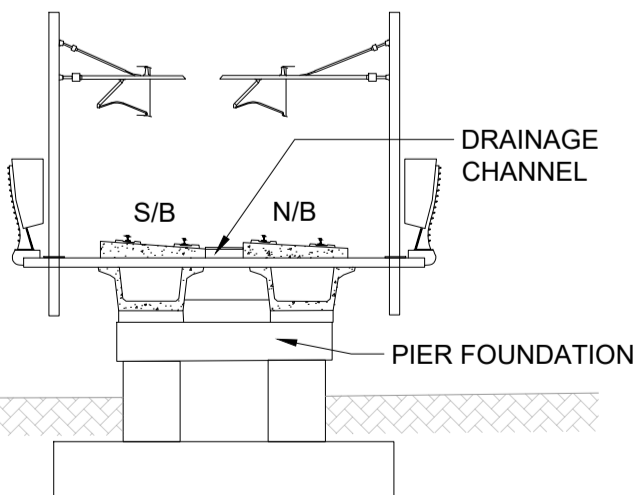


**DRAWING LEGEND:**

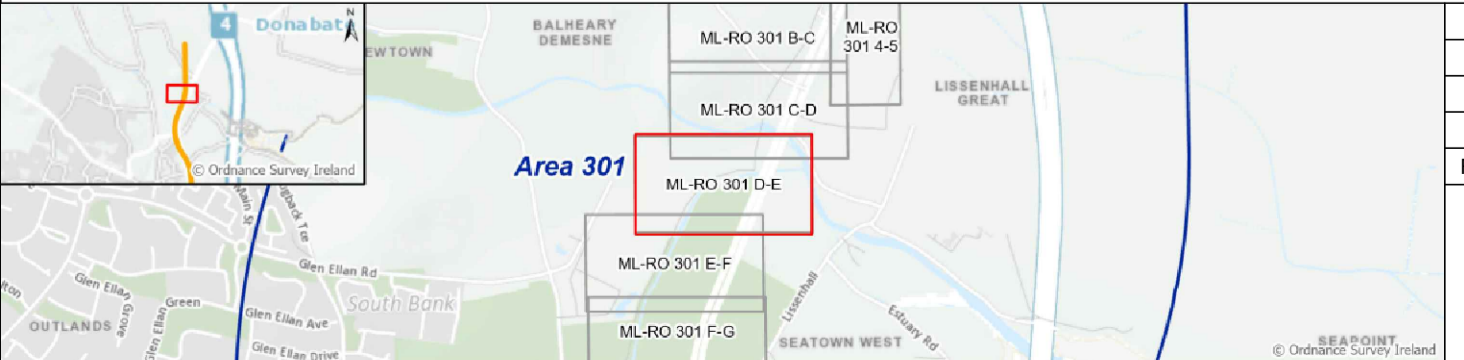
- EXISTING KERB
- PROPOSED R132 CONNECTIVITY SCHEME (BY OTHERS)
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- ▨ PROPOSED EARTHWORK
- OVERHEAD LINES
- EXISTING WALL TO BE REMOVED
- TRAFFIC FLOW
- ▨ METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- ▨ PROPOSED CAR PARKING
- ▨ PROPOSED BICYCLE PARKING
- ▭ EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- ▭ VENTILATION GRILLE AT GROUND LEVEL
- ⊗ TREES TO BE REMOVED
- TREES TO BE RETAINED



FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT 0-01 TO ML-BT 0-06



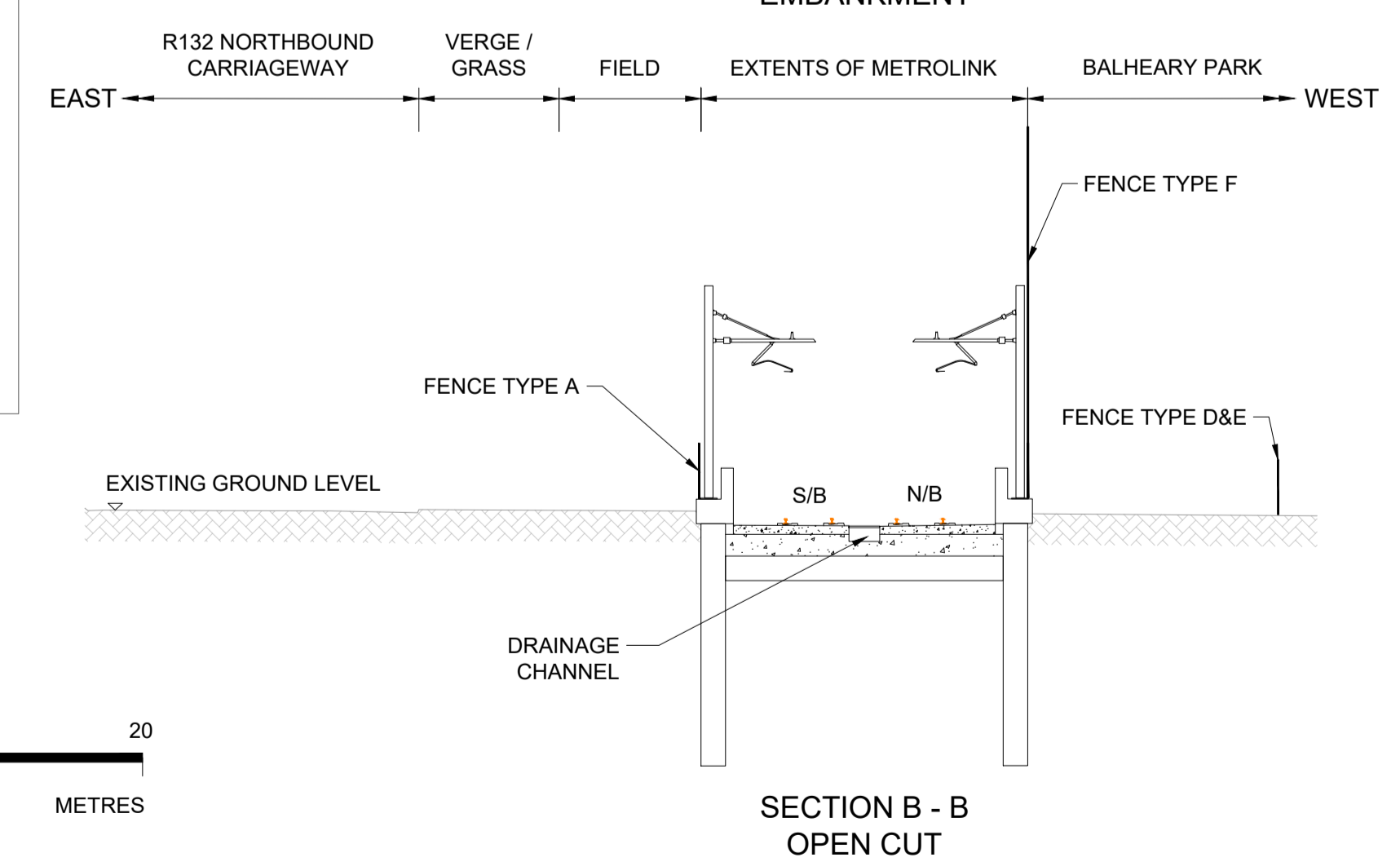
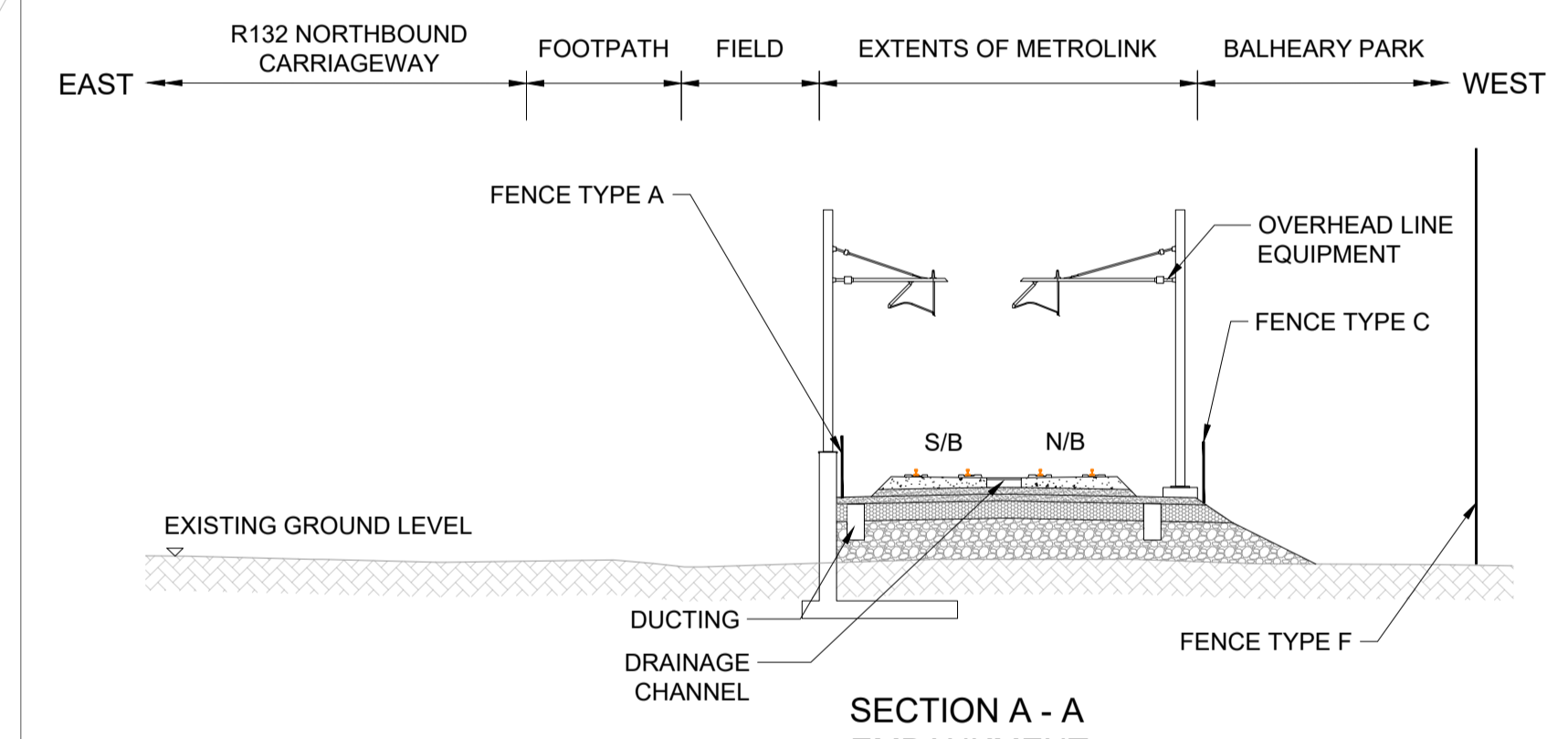
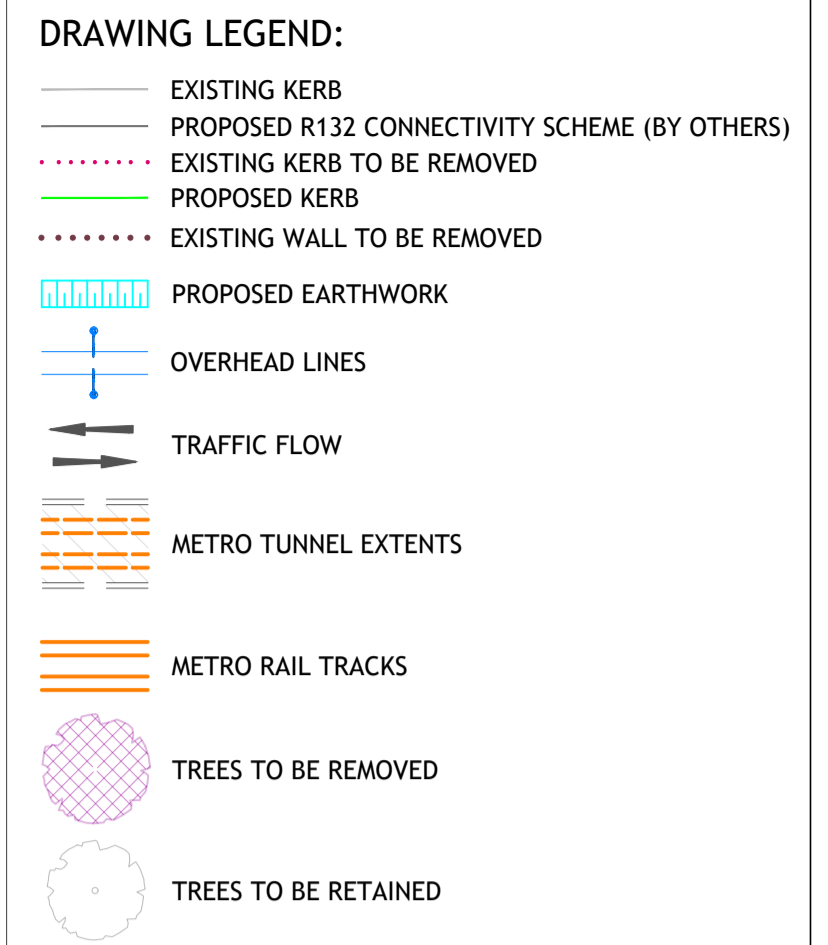
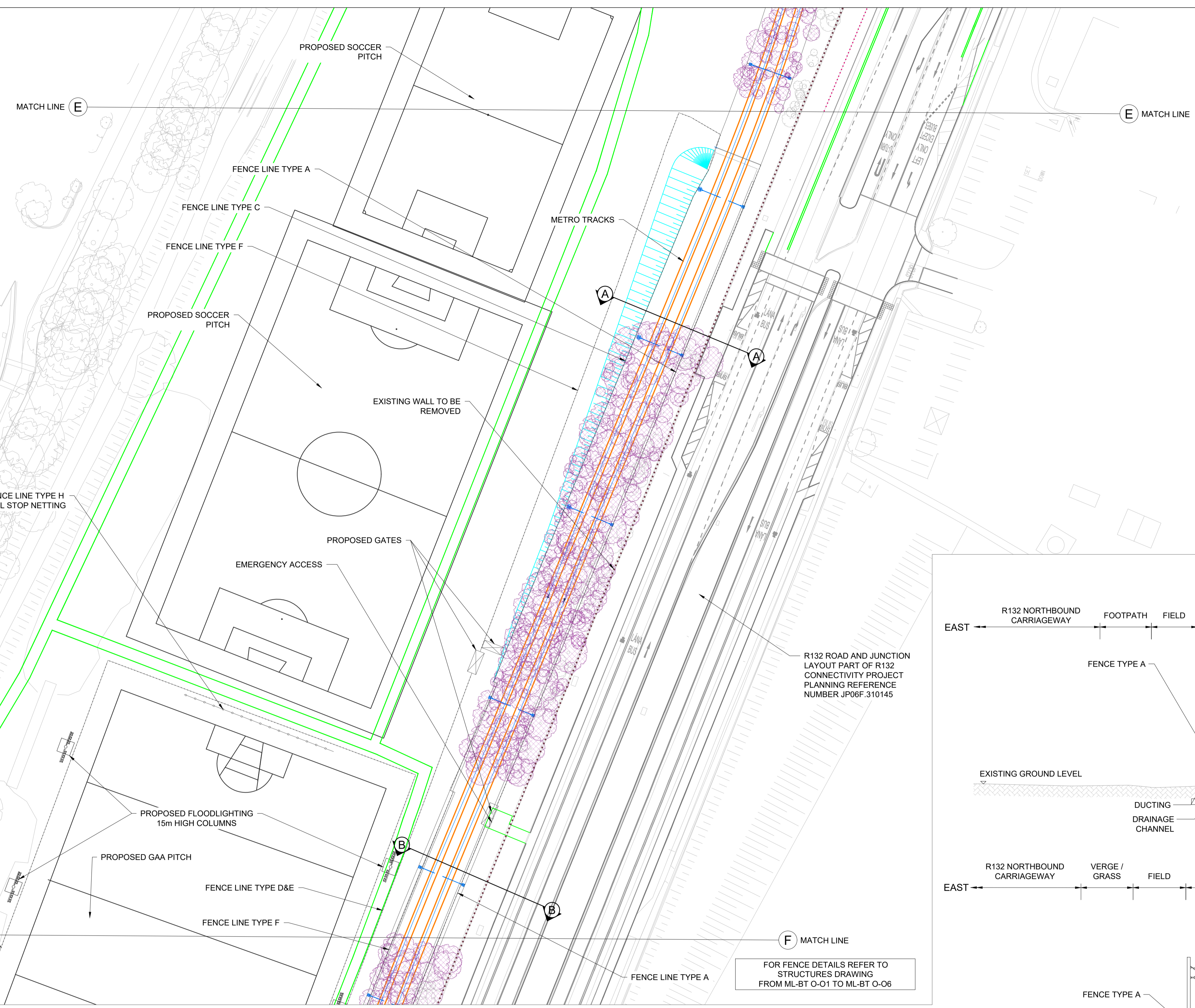
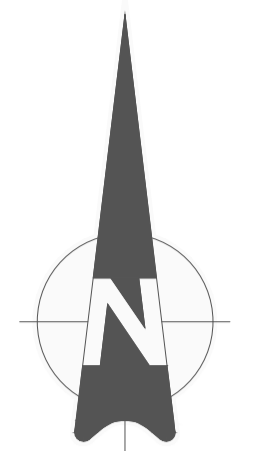
- NOTES:**
1. FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  2. FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  3. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



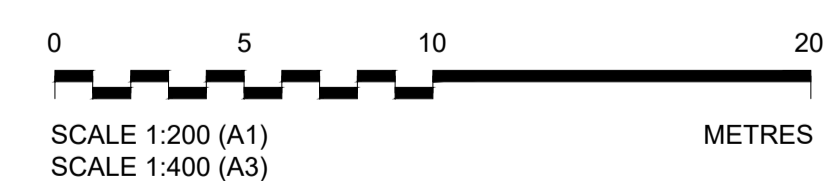
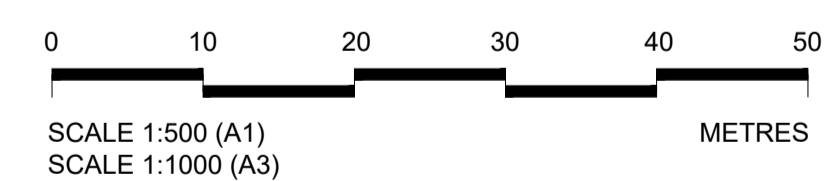
PO1	26/07/21	For Railway Order	AG	RS	RS	NC
PO2	10/11/21	For Railway Order	JR	RS	AS	NC
PO3	18/08/22	For Railway Order	OO	MM	MM	PB
PO4	07/09/22	For Railway Order	MM	AS	AS	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

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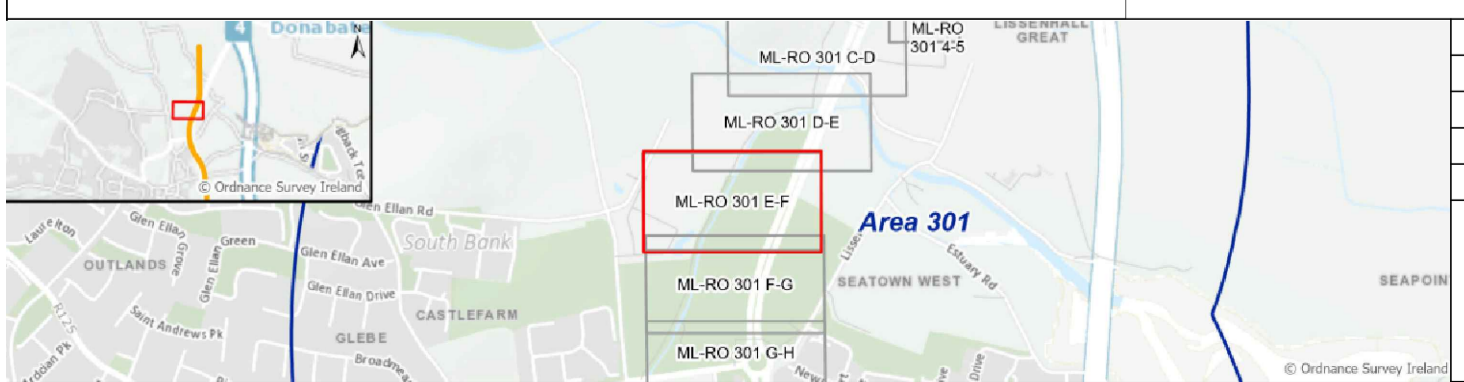
Client	TII NTA Transport Infrastructure Ireland / Údarás Náisiúnta Iompair Náisiúnta	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT BALHEARY DEMESNE (SHEET 2 OF 5)	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03008	Plan Drawing N°	ML-RO 301 D-E	Sheet 1 of 1	
				Scales Original Size A1	AS SHOWN		



FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06



- NOTES:**
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  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



P01	26/07/21	for railway order	AG	RS	RS	NC	NC
P02	10/11/21	For Railway Order	JR	RS	AS	NC	NC
P03	18/08/22	For Railway Order	OO	MM	MM	PB	
P04	08/09/22	For Railway Order	MM	AS	AS	PB	
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY	

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Client: **TII** **NTA** **METROLINK**

Consultant: **JACOBS** **IDOM**

Project: **METROLINK**

Drawing Title: **METROLINK - GENERAL ARRANGEMENT BALHEARY DEMESNE (SHEET 3 OF 5)**

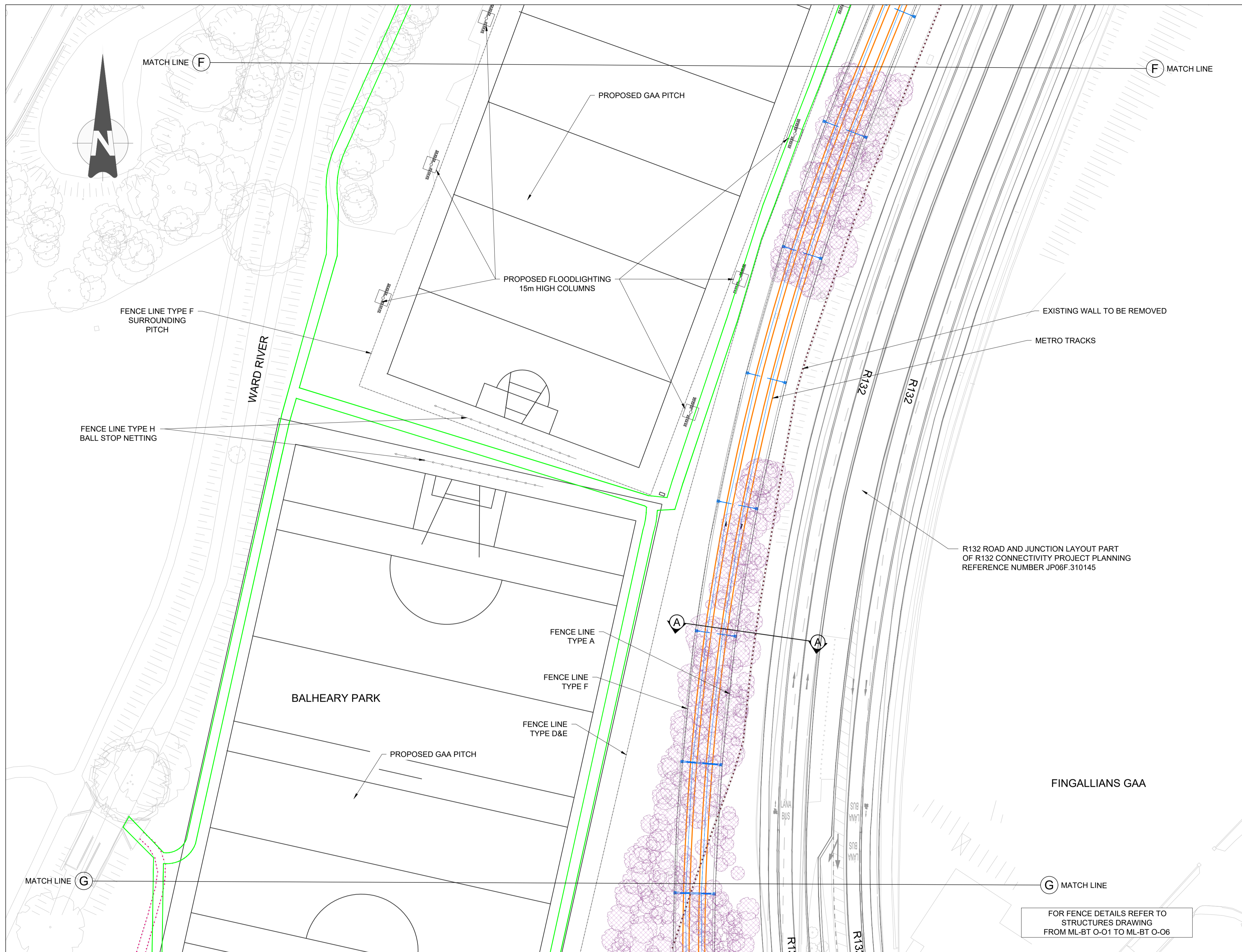
Drawing Status: **S0**

Drawing N°: **ML1-JAI-ARD-ROUT\_XX-DR-Y-03009**

Plan Drawing N°: **ML-RO 301 E-F**

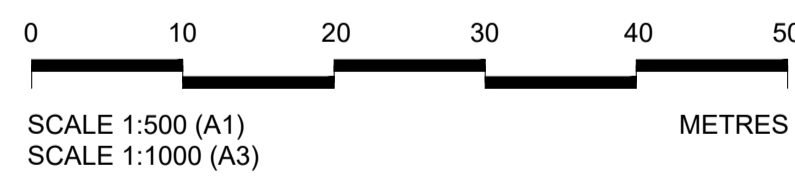
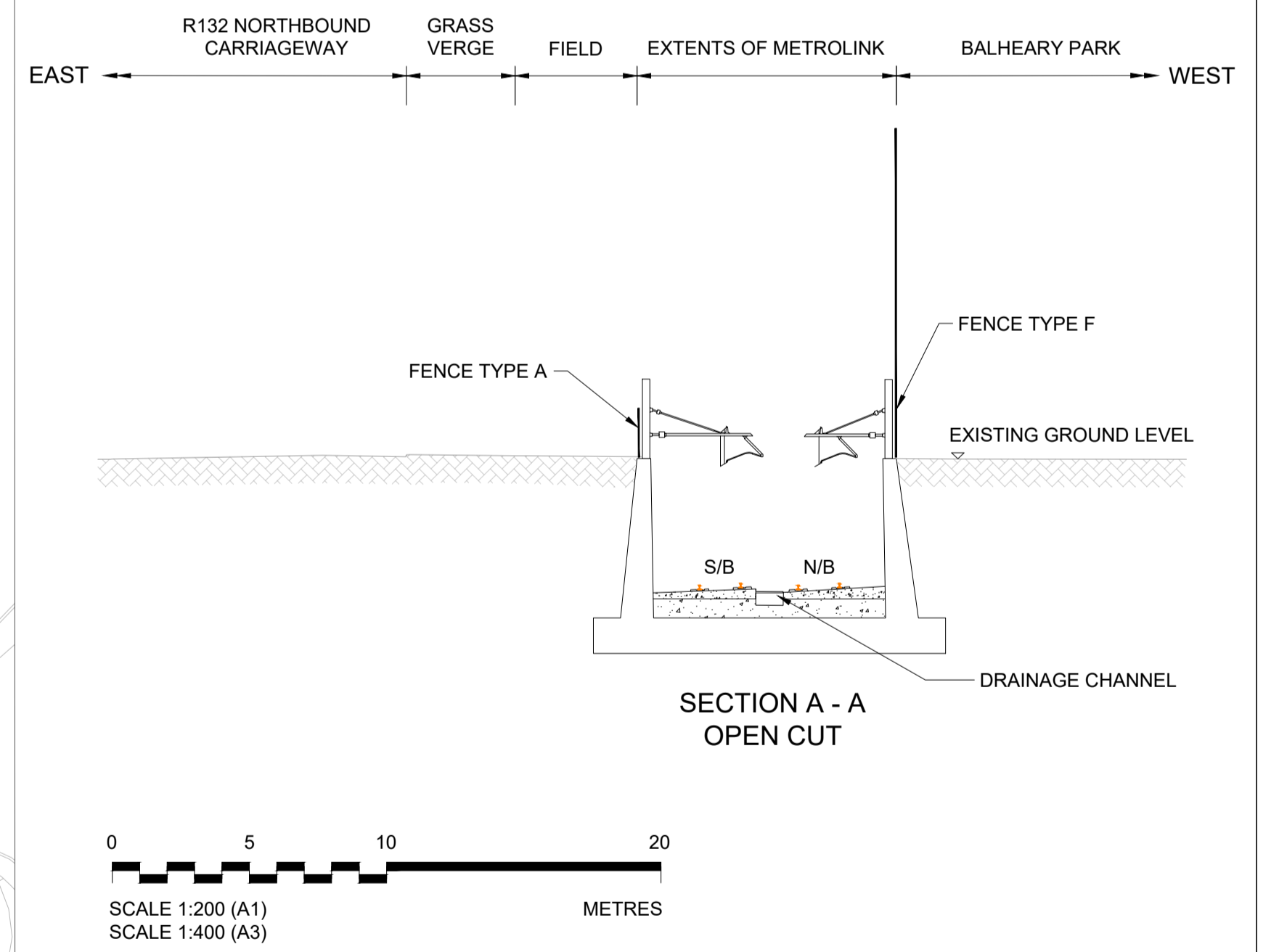
Scales Original Size A1 AS SHOWN

Sheet 1 of 1

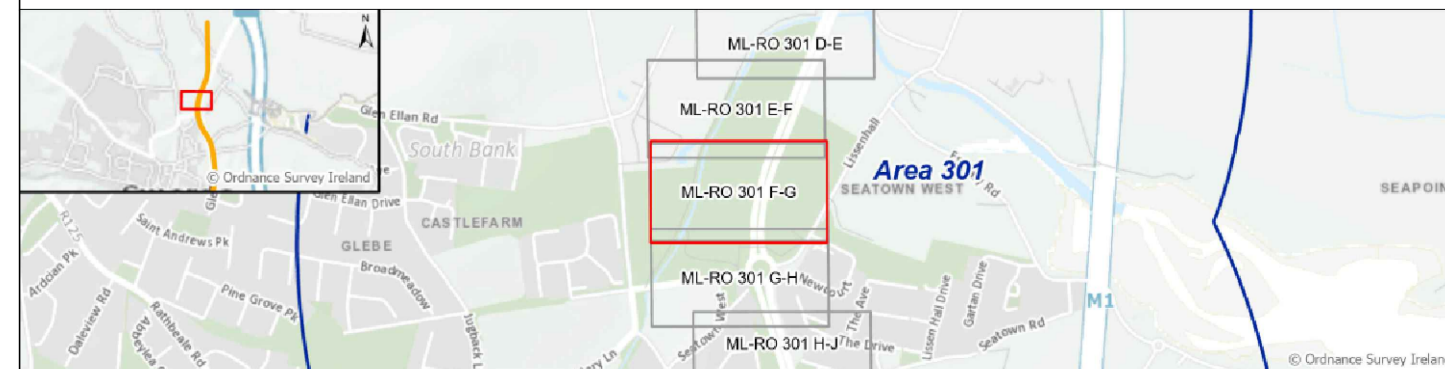


**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED R132 CONNECTIVITY SCHEME (BY OTHERS)
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- EXISTING WALL TO BE REMOVED
- ▨ PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED



- NOTES:**
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  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	26/07/21	For Railway Order	AG	RS	RS	NC
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	18/08/22	For Railway Order	OO	MM	MM	PB
P04	07/09/22	For Railway Order	MM	AS	AS	PB

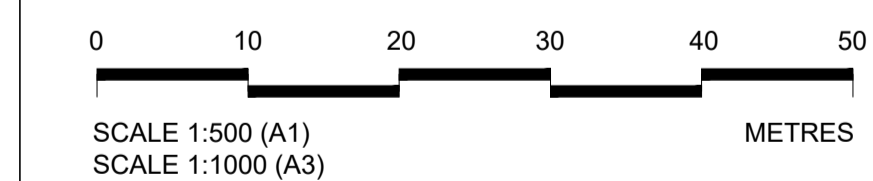
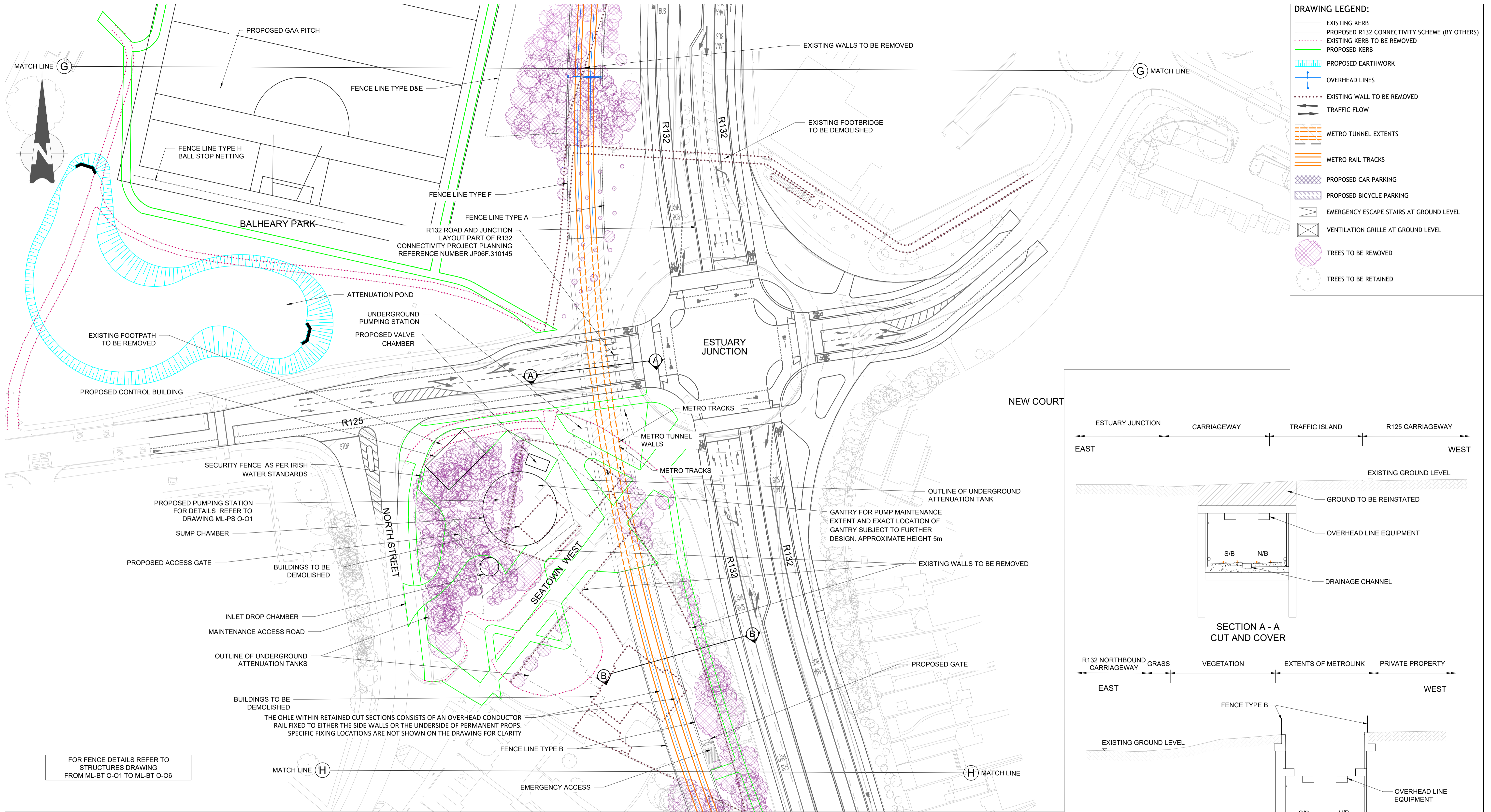
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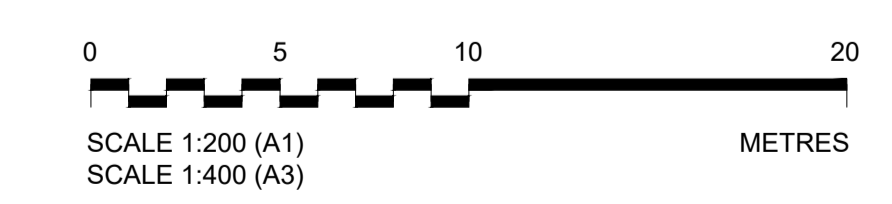
All elevations are in metres and relate to OSI Geoid Model (OSGM02) Mean Head as defined by existing Project Control.

All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Client <b>TII</b> <b>NTA</b> Udaráis Náisiúnta Iompar National Transport Authority	Project <b>METROLINK</b>	Drawing Title METROLINK - GENERAL ARRANGEMENT BALHEARY DEMESNE (SHEET 4 OF 5)	Drawing Status S0
Consultant <b>JACOBS</b> <b>IDOM</b>	Drawing N° ML1-JAI-ARD-ROUT_XX-DR-Y-03010	Plan Drawing N° ML-RO 301 F-G	Sheet 1 of 1
Scales Original Size A1 AS SHOWN			



- NOTES:**
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



P01	26/07/21	For Railway Order	AG	RS	RS	NC
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	18/08/22	For Railway Order	OO	MM	MM	PB
P04	07/09/22		MM	AS	AS	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

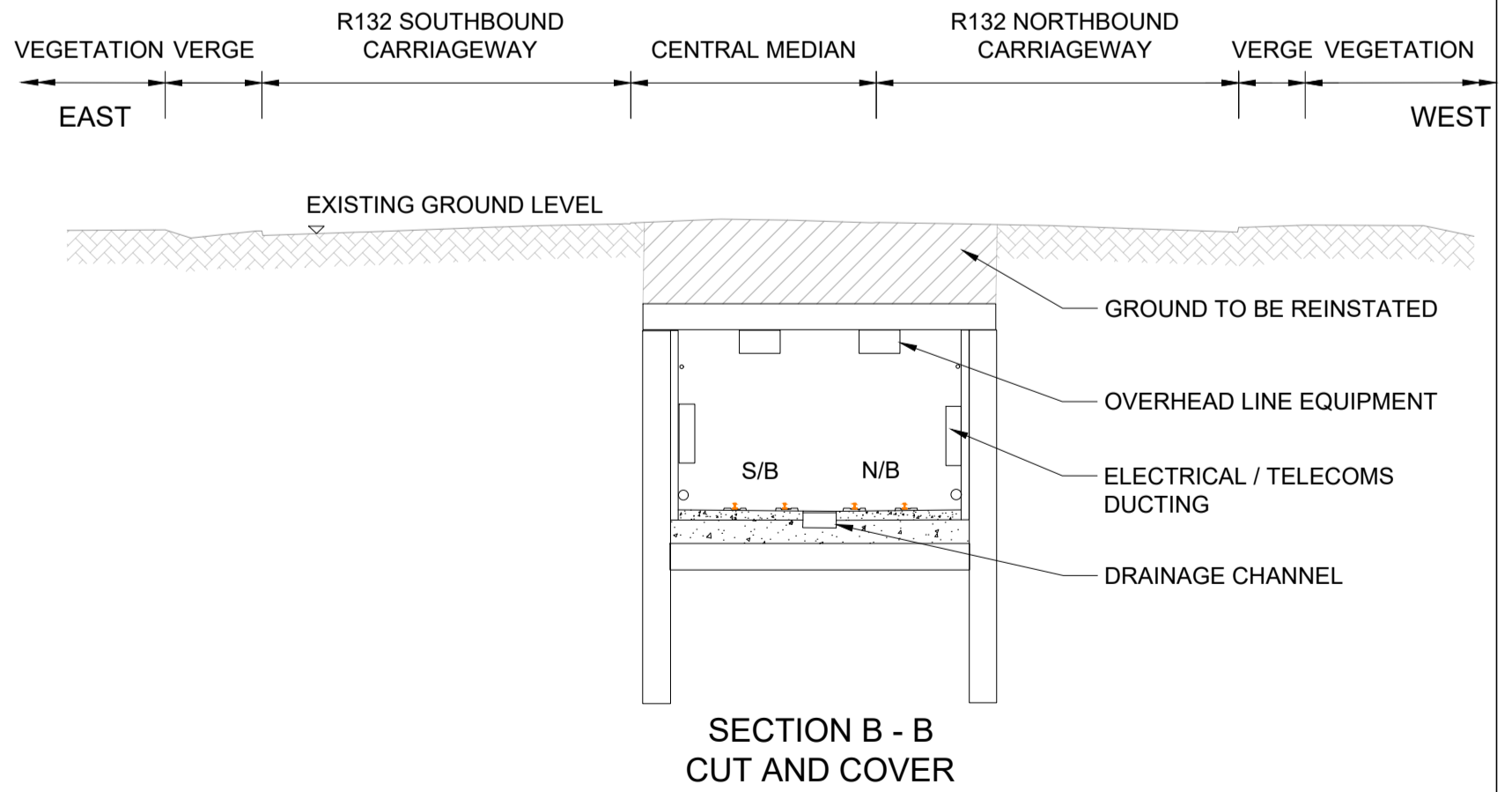
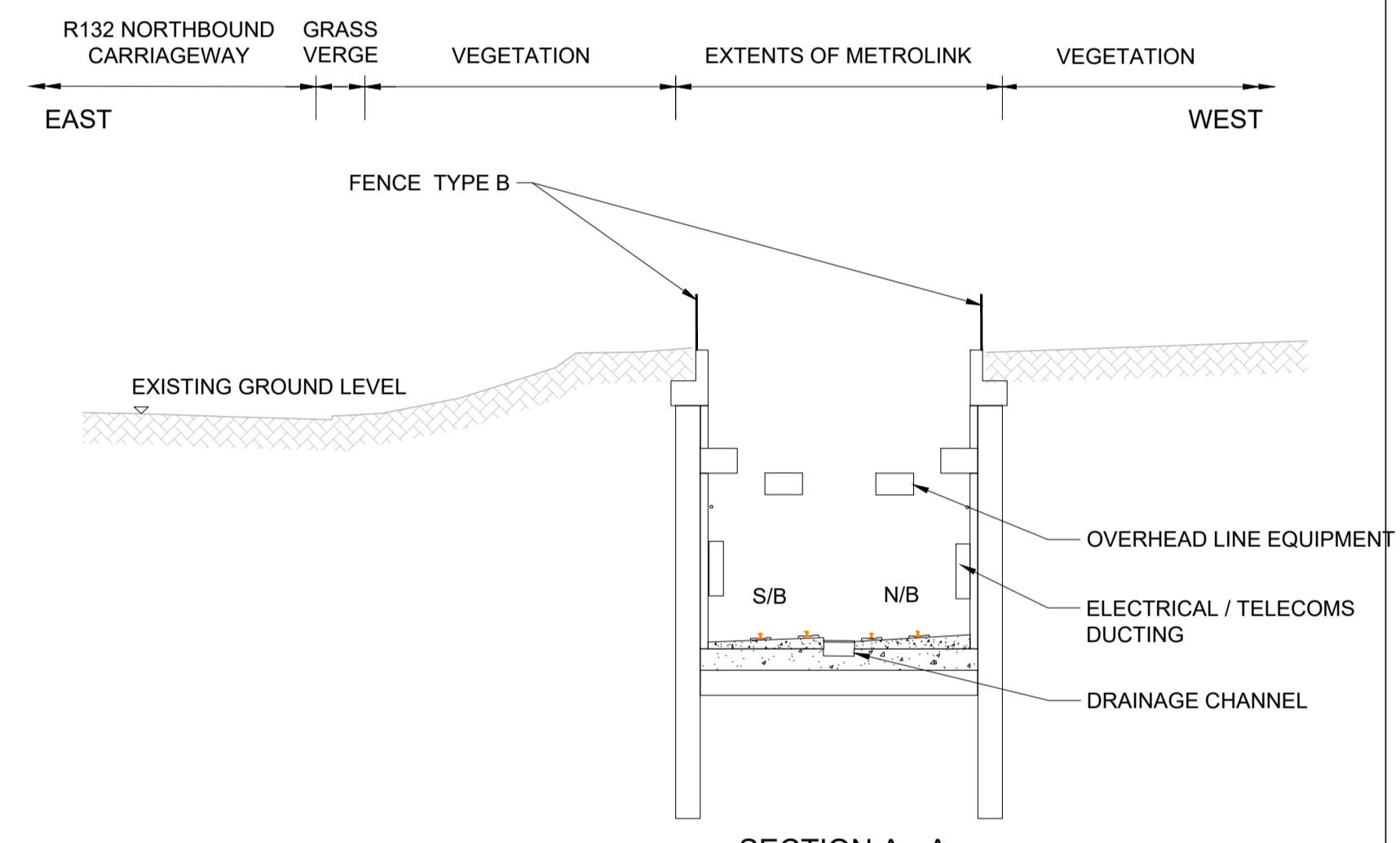
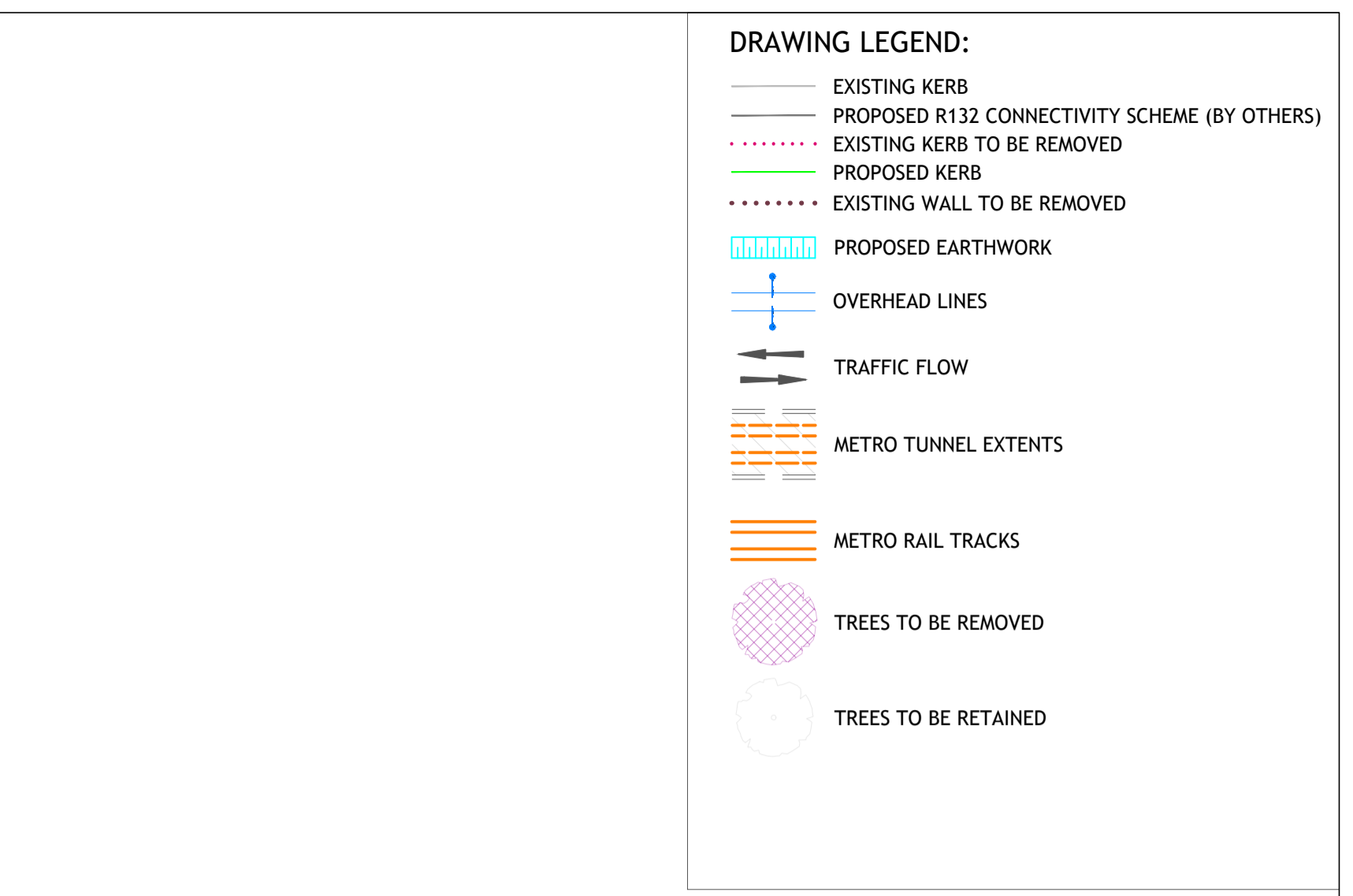
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**Client**  
TII NTA  
Udaráis Náisiúnta Iompar  
National Transport Authority

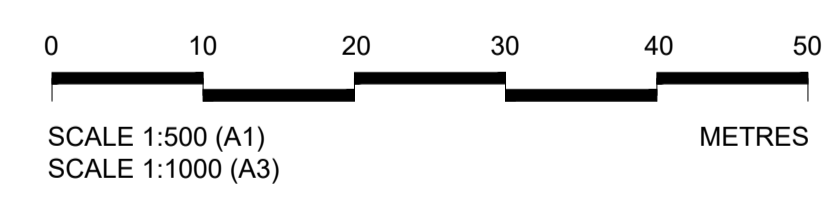
**Project**  
METROLINK

**Consultant**  
JACOBS IDOM

<b>Drawing Title</b> METROLINK - GENERAL ARRANGEMENT BALHEARY DEMESNE (SHEET 5 OF 5)	<b>Drawing Status</b> S0
<b>Drawing N°</b> ML1-JAI-ARD-ROUT_XX-DR-Y-03011	<b>Plan Drawing N°</b> ML-RO 301 G-H
<b>Scales Original Size A1</b> AS SHOWN	<b>Sheet</b> 1 of 1



FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06



- NOTES:**
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)

P01	26/07/21	For Railway Order	AG	RS	RS	NC
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
P04	18/08/22		OO	MM	MM	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

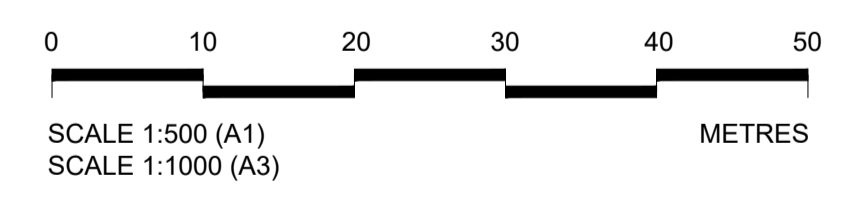
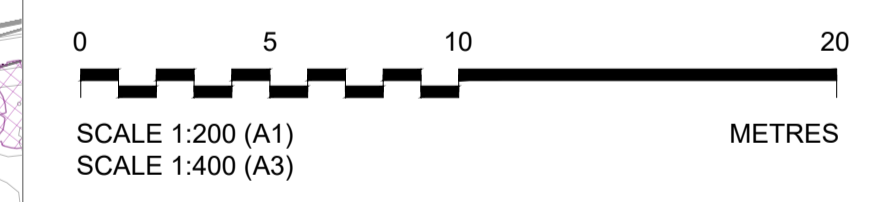
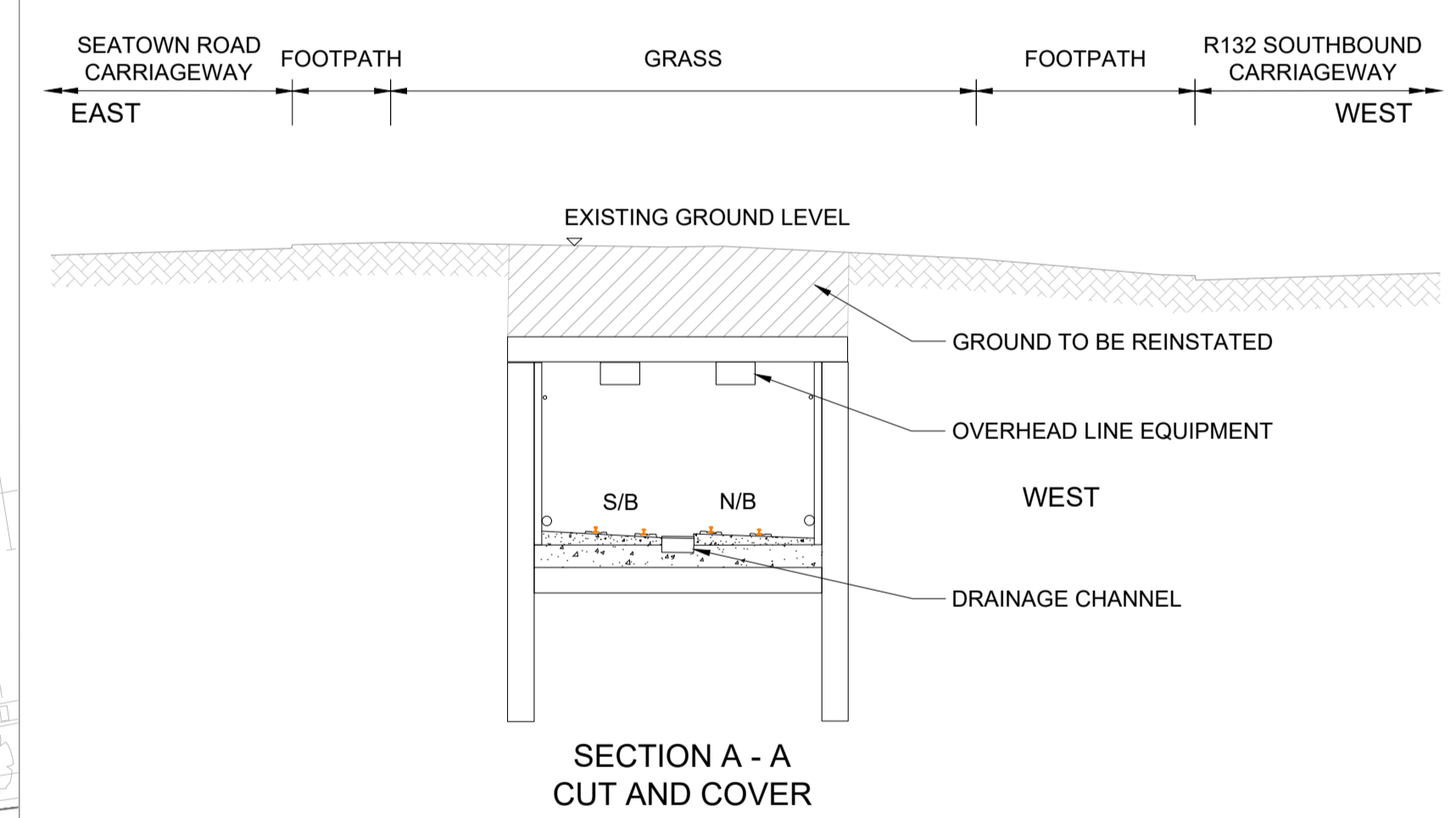
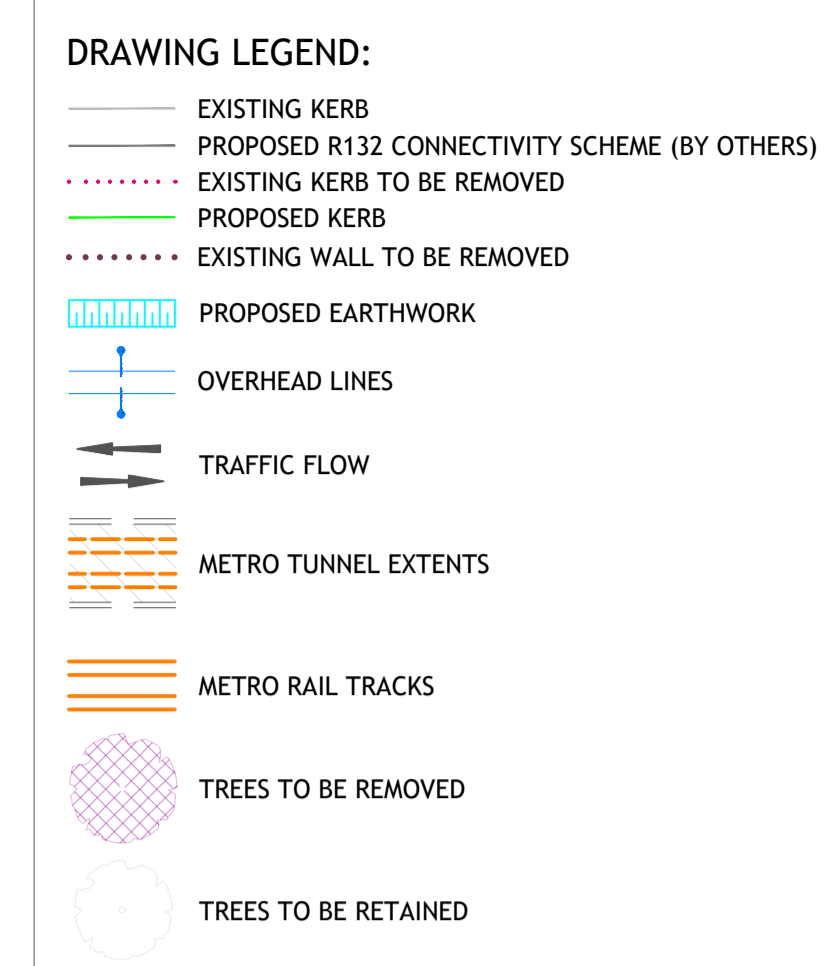
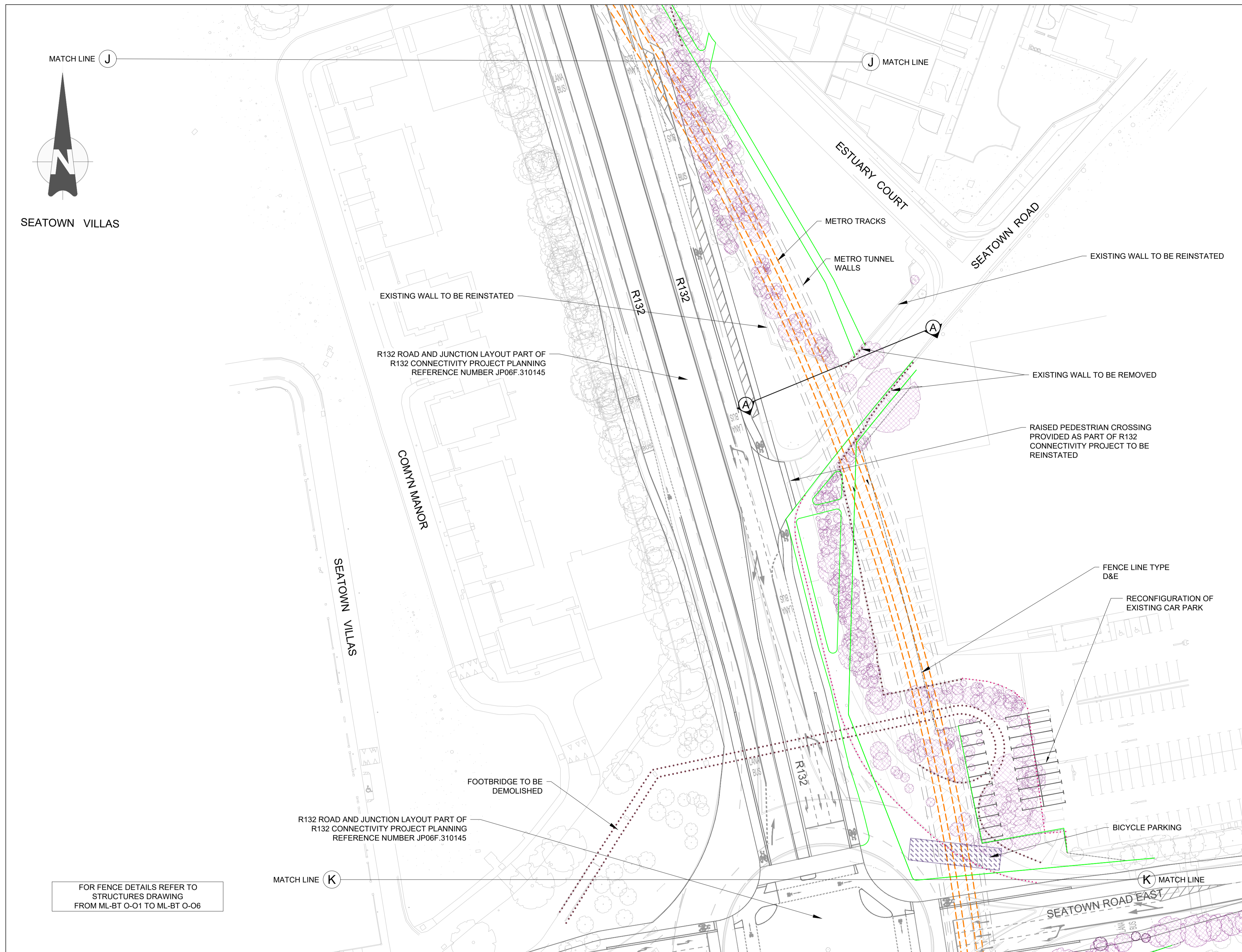
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Client: **TI** **NTA** **METROLINK**

Consultant: **JACOBS** **IDOM**

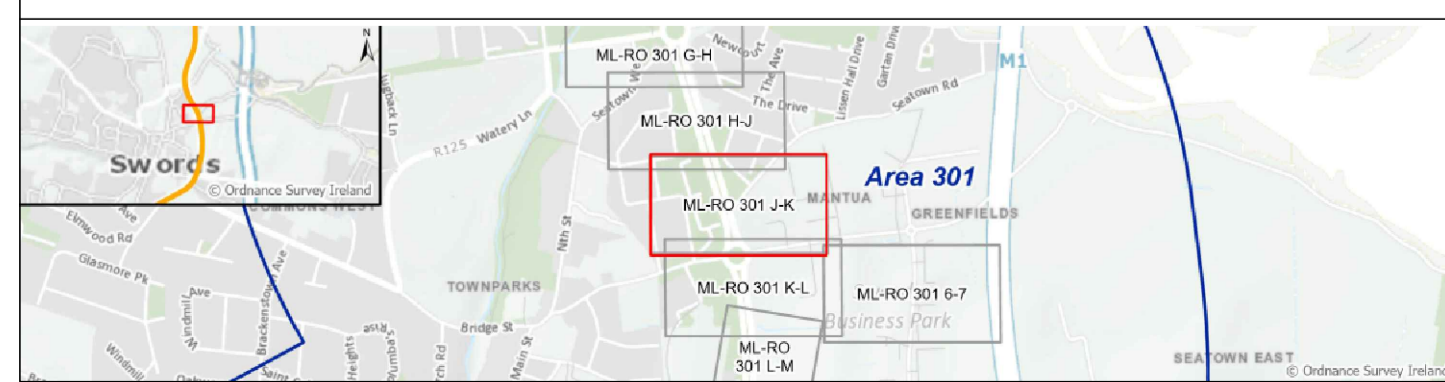
Drawing Title	METROLINK - GENERAL ARRANGEMENT SEATOWN (SHEET 1 OF 3)	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03012	Plan Drawing N°	ML-RO 301 H-J
Scales	Original Size A1 AS SHOWN	Sheet	1 of 1





FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06

- NOTES:**
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



P03	20/05/22	For Railway Order	BJ	JR	AS	PB
P04	18/08/22	For Railway Order	OO	MM	MM	PB
P05	07/09/22		MM	AS	AS	PB
P06	09/09/22	For Railway Order	MM	AS	AS	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

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Client

**TII** **NTA**

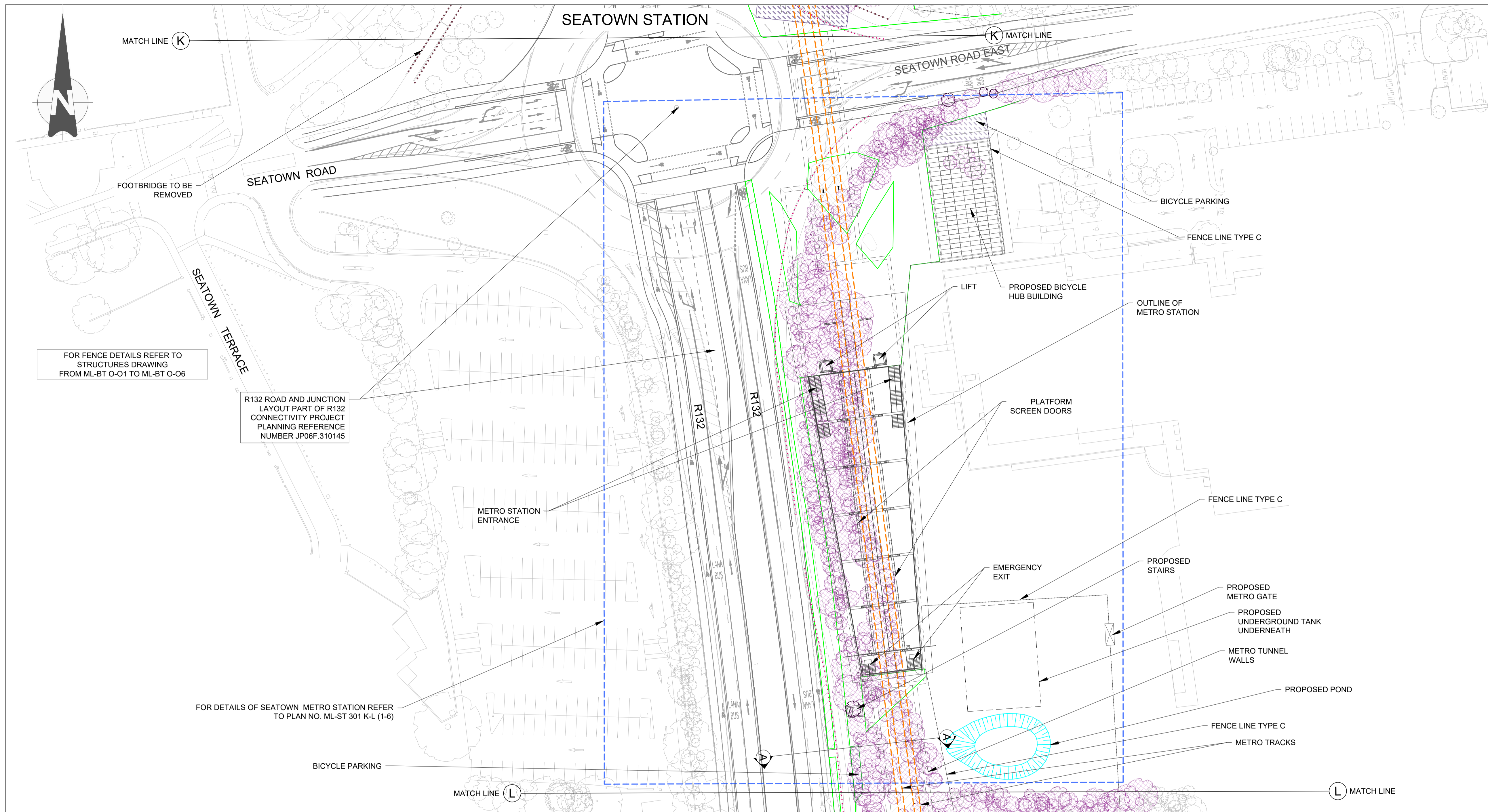
Consultant

**JACOBS** **IDOM**

Project

**METROLINK**

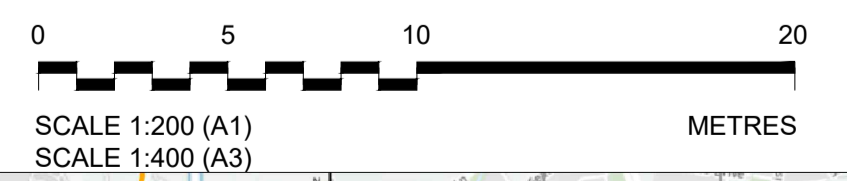
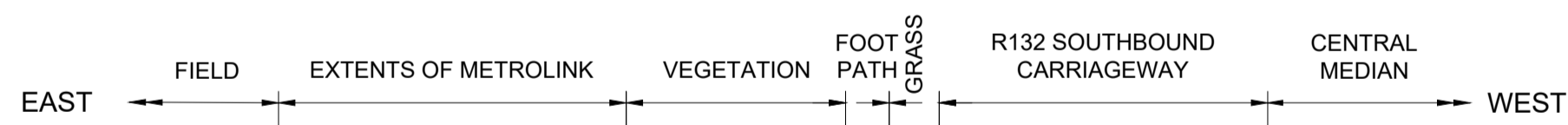
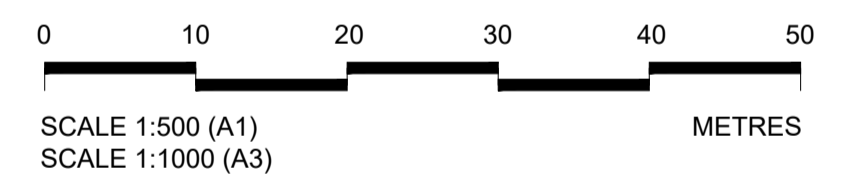
Drawing Title	METROLINK - GENERAL ARRANGEMENT SEATOWN (SHEET 2 OF 3)	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03013	Plan Drawing N°	ML-RO 301 J-K
Scales Original Size A1	AS SHOWN	Sheet	1 of 1



FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT 0-01 TO ML-BT 0-06

R132 ROAD AND JUNCTION LAYOUT PART OF R132 CONNECTIVITY PROJECT PLANNING REFERENCE NUMBER JP06F.310145

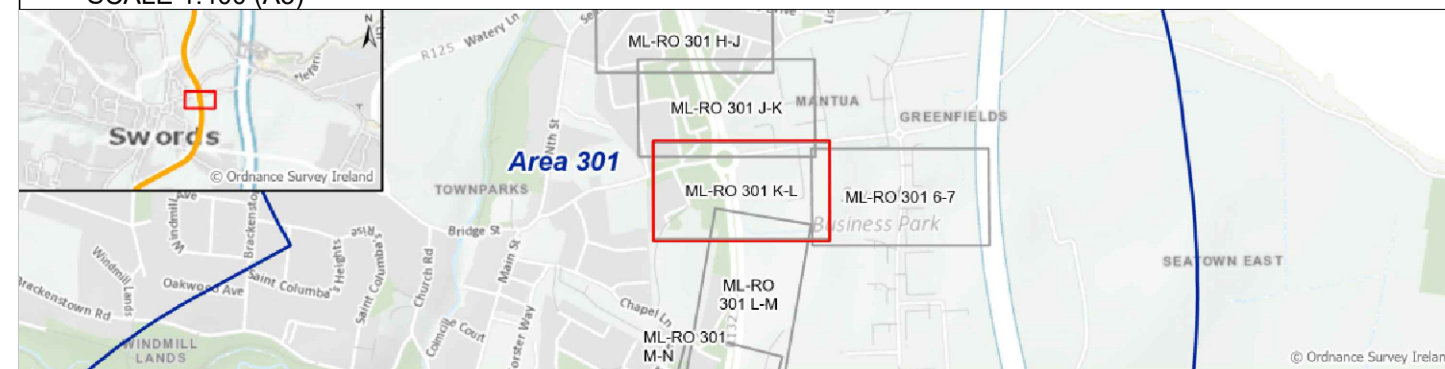
FOR DETAILS OF SEATOWN METRO STATION REFER TO PLAN NO. ML-ST 301 K-L (1-6)



**DRAWING LEGEND:**

- EXISTING KERB
- - - PROPOSED R132 CONNECTIVITY SCHEME (BY OTHERS)
- · · · · EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- ▨ PROPOSED EARTHWORK
- OVERHEAD LINES
- · · · · EXISTING WALL TO BE REMOVED
- TRAFFIC FLOW
- ▨ METRO TUNNEL EXTENTS
- ▨ METRO RAIL TRACKS
- ▨ PROPOSED CAR PARKING
- ▨ PROPOSED BICYCLE PARKING (496 SPACES)
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- TREES TO BE REMOVED
- TREES TO BE RETAINED

- NOTES:**
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
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  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



P03	28/06/22	For Railway Order	BJ	JR	AS	PB
P04	18/08/22		OO	MM	MM	PB
P05	07/09/22		MM	AS	AS	PB
P06	09/09/22	For Railway Order	MM	AS	AS	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

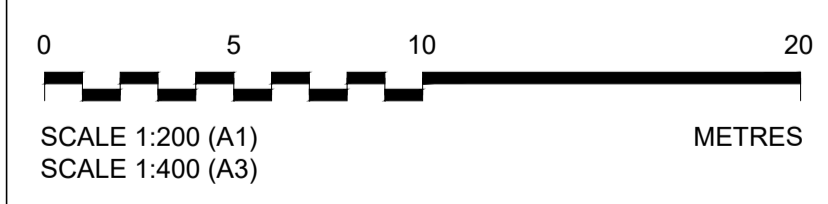
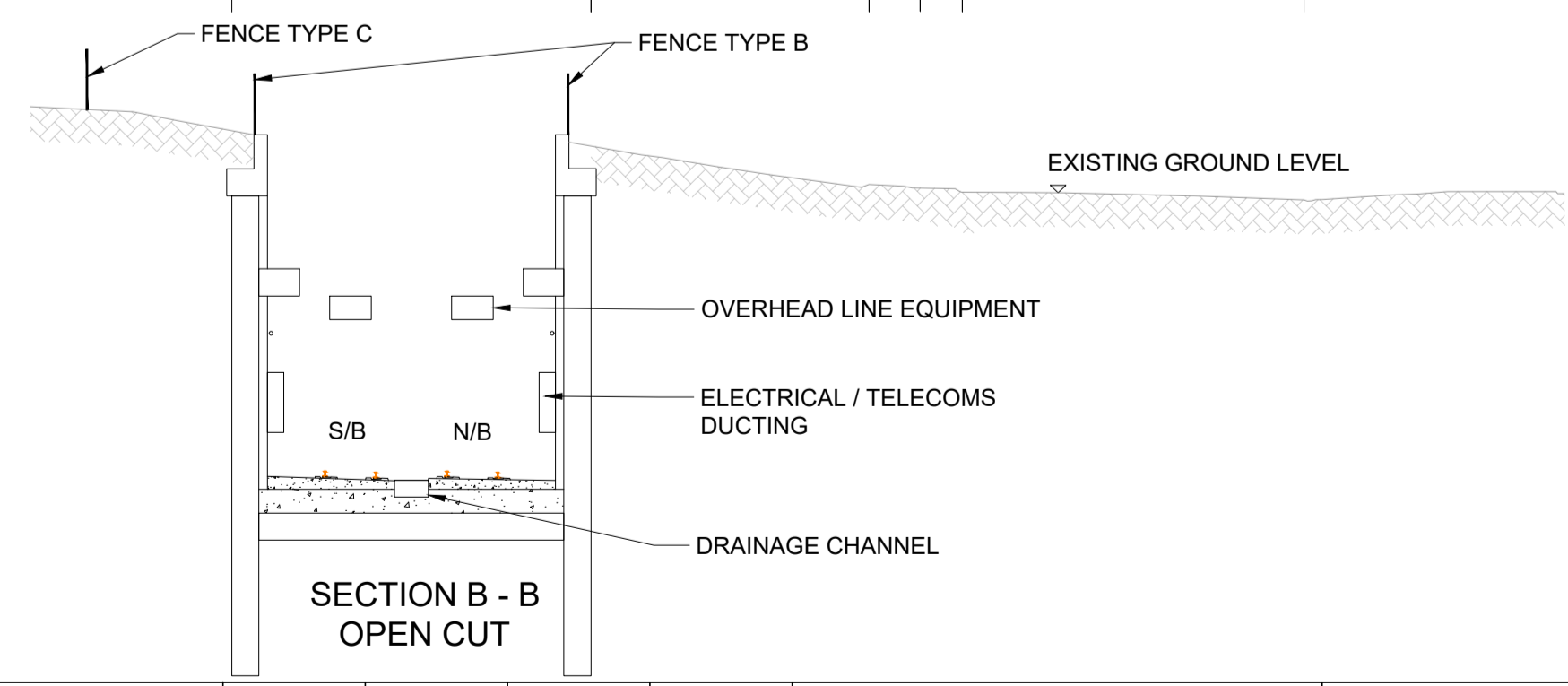
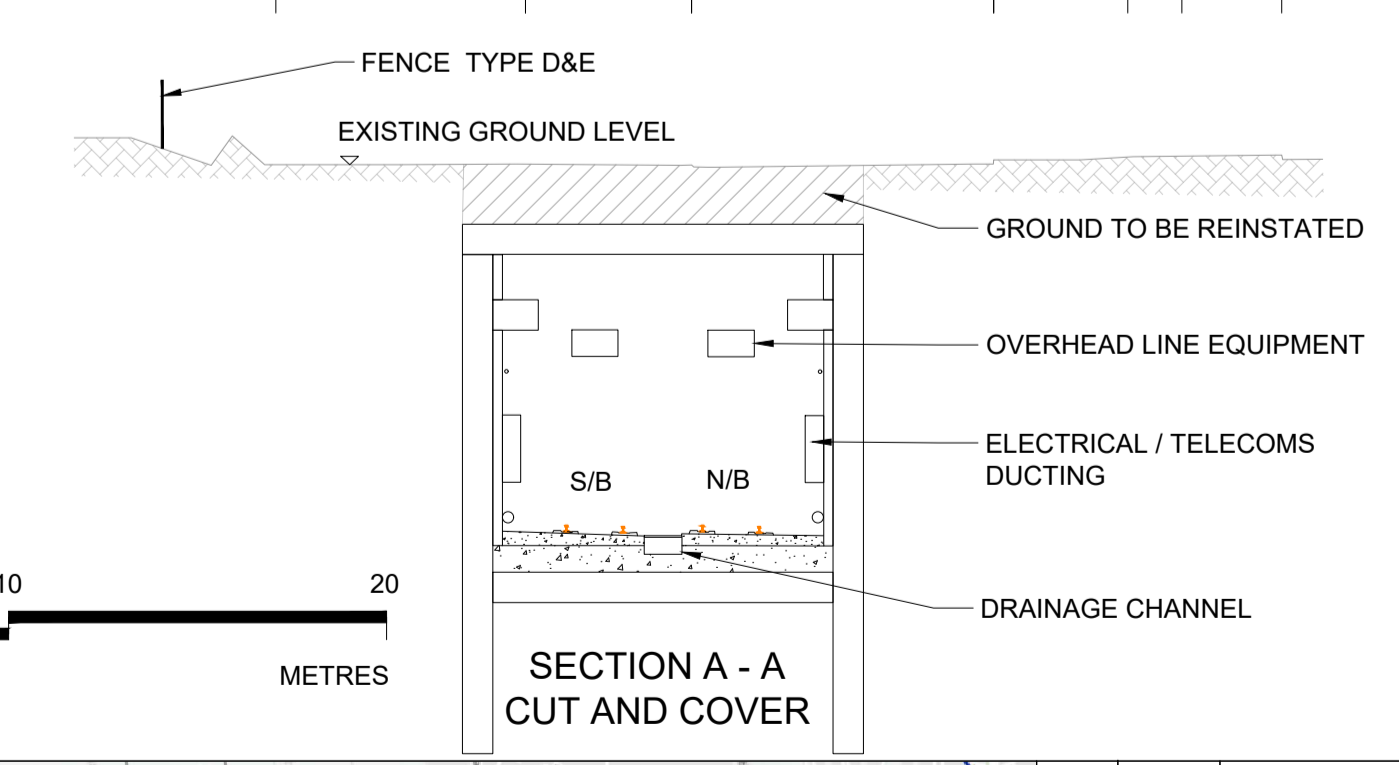
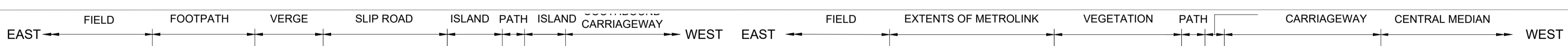
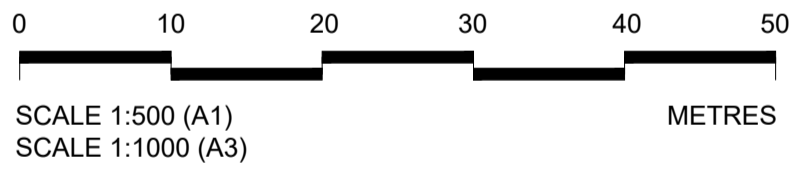
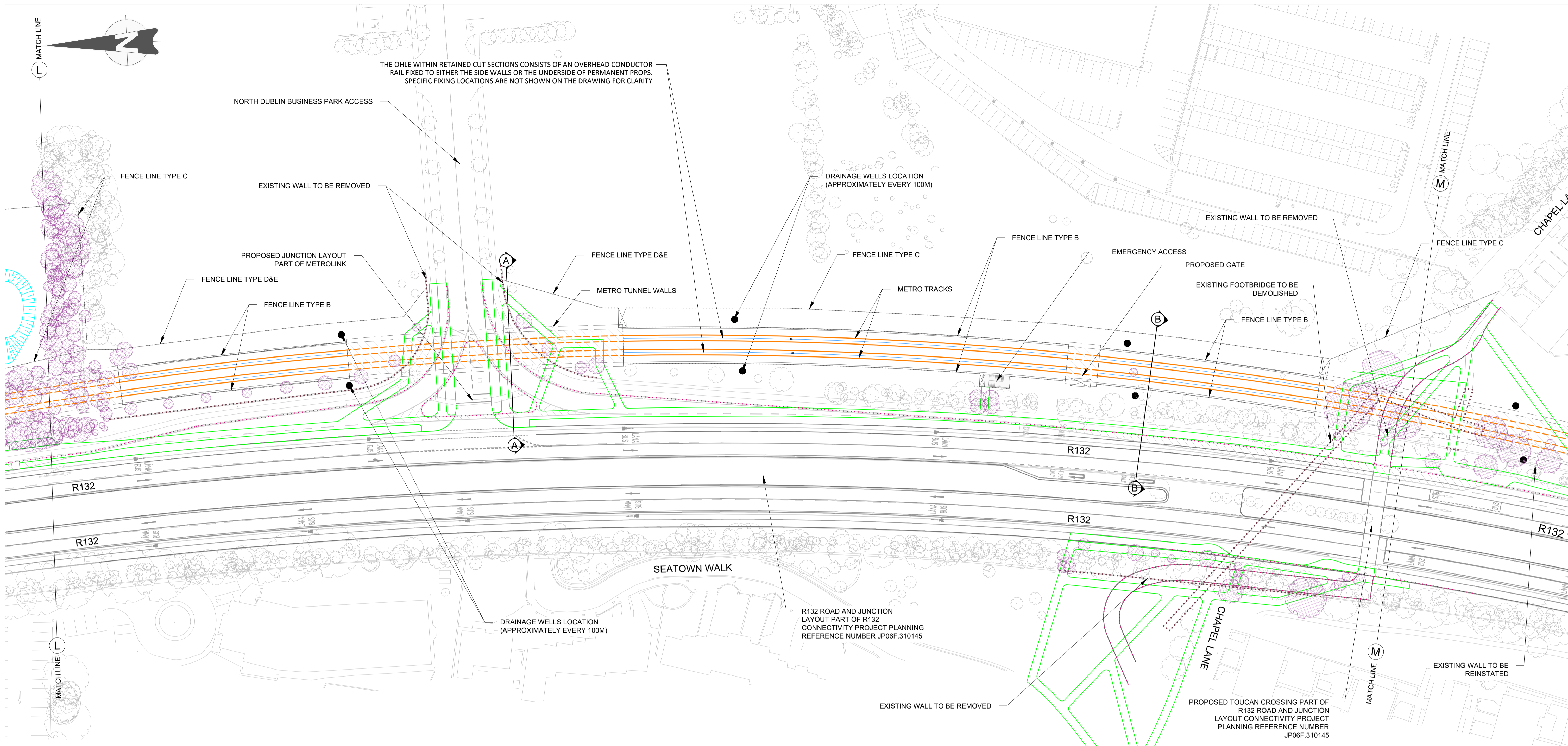
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Client: **TII** (Transport Infrastructure Ireland) and **NTA** (Náisiúnta Aonaid Náisiúnta na hÉireann / National Transport Authority)

Project: **METROLINK**

Consultant: **JACOBS** and **IDOM**

Drawing Title	METROLINK - GENERAL ARRANGEMENT SEATOWN (SHEET 3 OF 3)		Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03014	Plan Drawing N°	ML-RO 301 K-L	
Scales Original Size A1	AS SHOWN	Sheet	1	of 1



**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED R132 CONNECTIVITY SCHEME (BY OTHERS)
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- EXISTING WALL TO BE REMOVED
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED

**NOTES:**

- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
- FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
- FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



P02	15/11/21	For Railway Order	JR	RS	AS	NC
P03	28/06/22	For Railway Order	BJ	JR	AS	PB
P04	18/08/22	For Railway Order	OO	MM	MM	PB
P05	08/09/22		MM	AS	AS	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

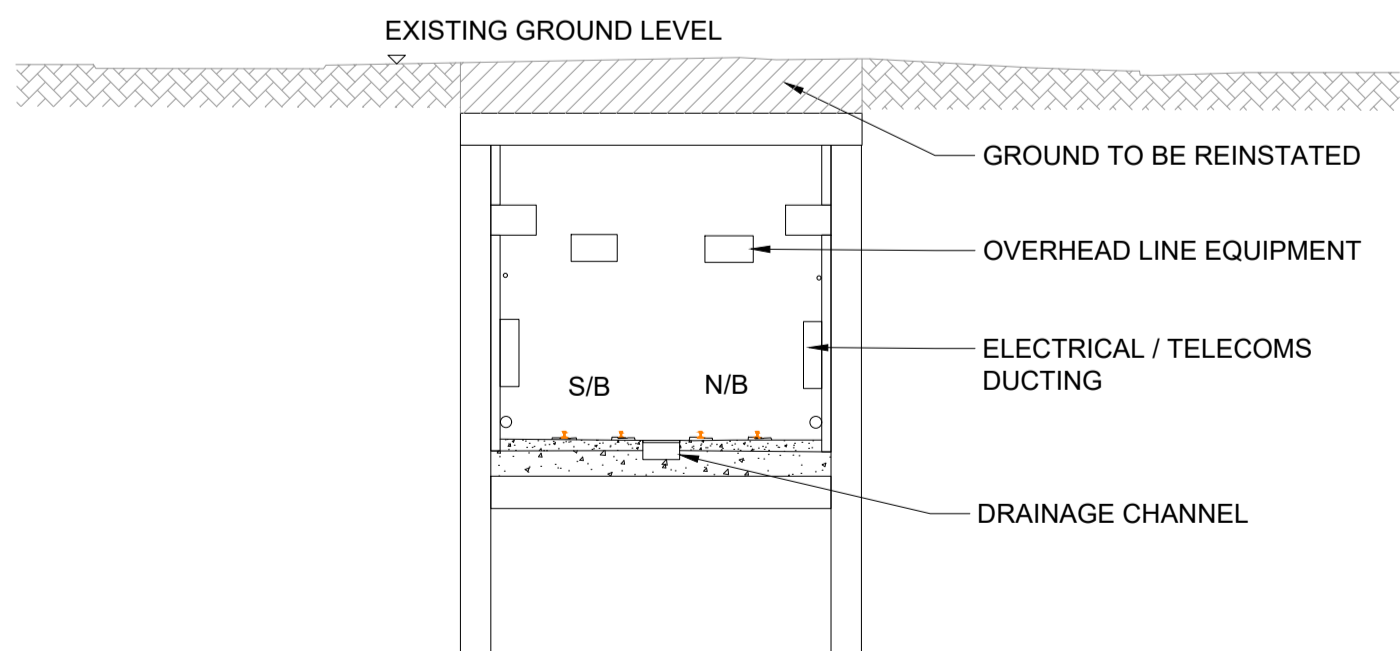
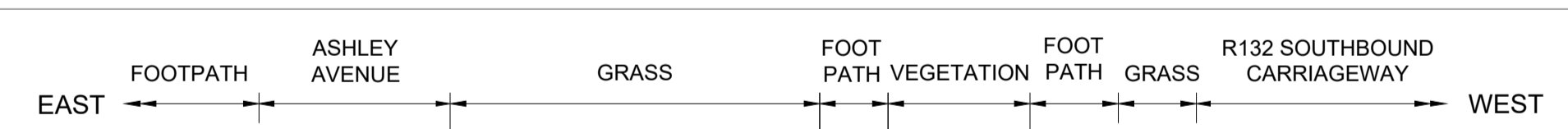
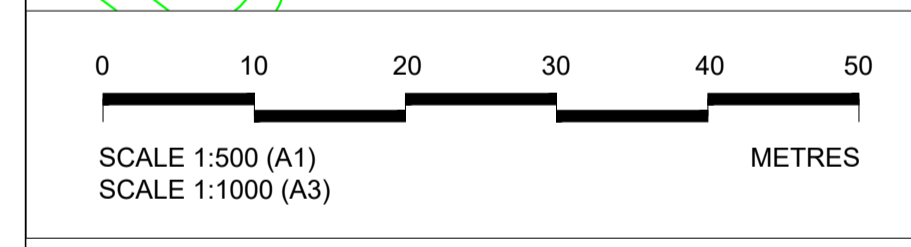
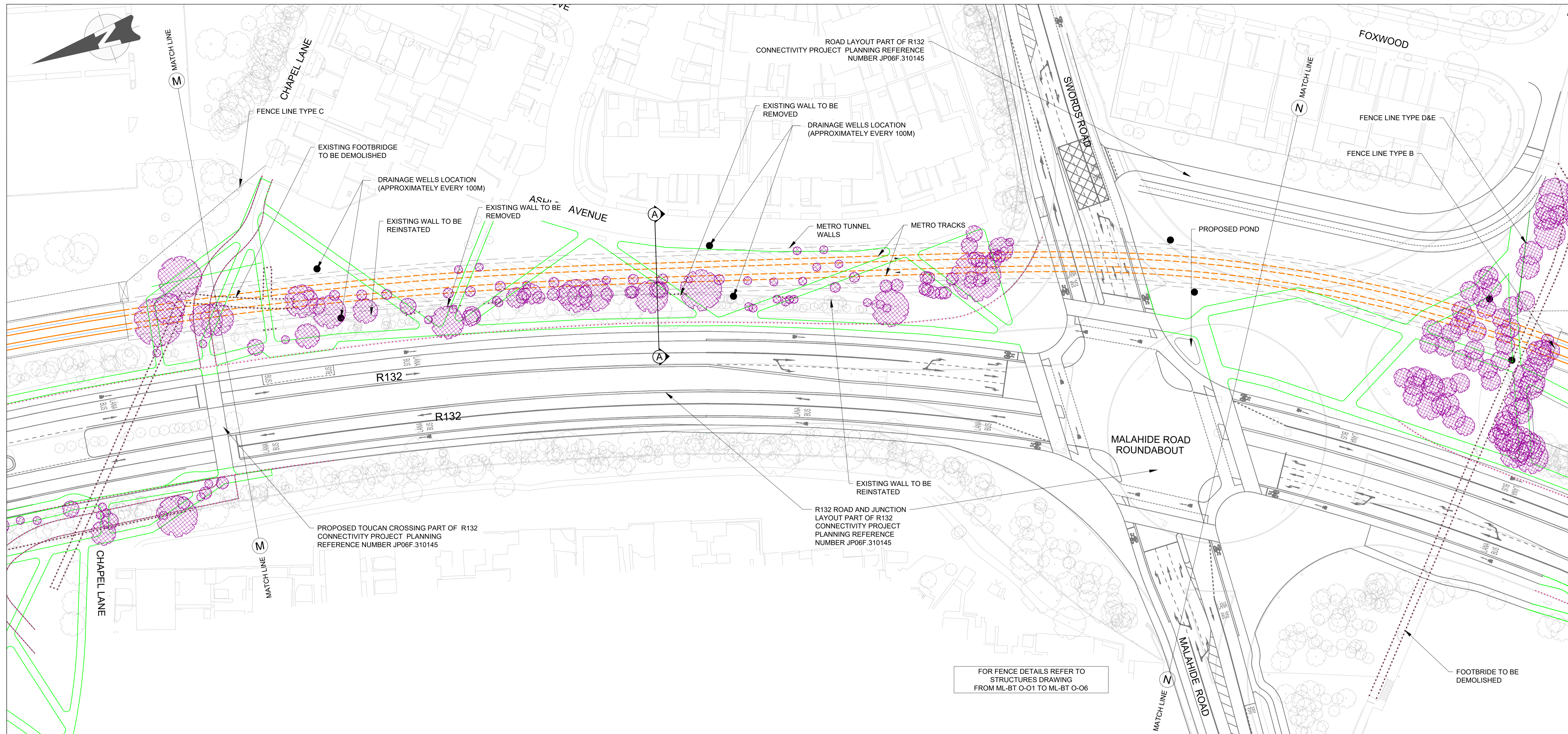
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Client: **TII** **NTA**

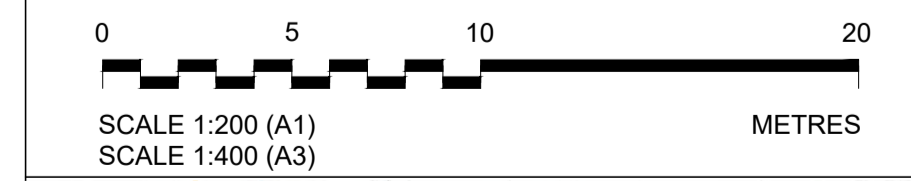
Project: **METROLINK**

Consultant: **JACOBS** **IDOM**

Drawing Title	METROLINK - GENERAL ARRANGEMENT SWORDS DEMESNE (SHEET 1 OF 2)	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03016	Plan Drawing N°	ML-RO 301 L-M
Scales Original Size A1	AS SHOWN	Sheet	1 of 1



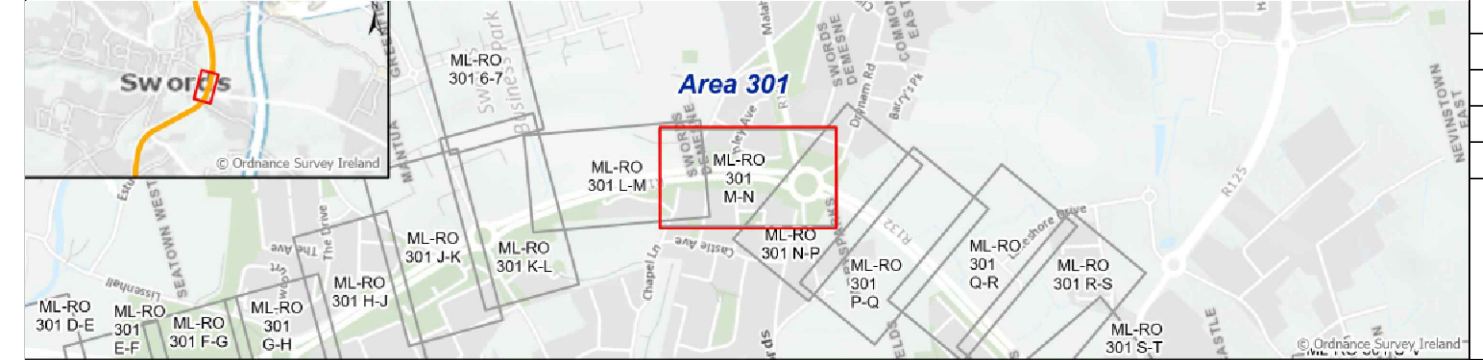
SECTION A - A  
CUT AND COVER



**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED R132 CONNECTIVITY SCHEME (BY OTHERS)
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- EXISTING WALL TO BE REMOVED
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED

- NOTES:**
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  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



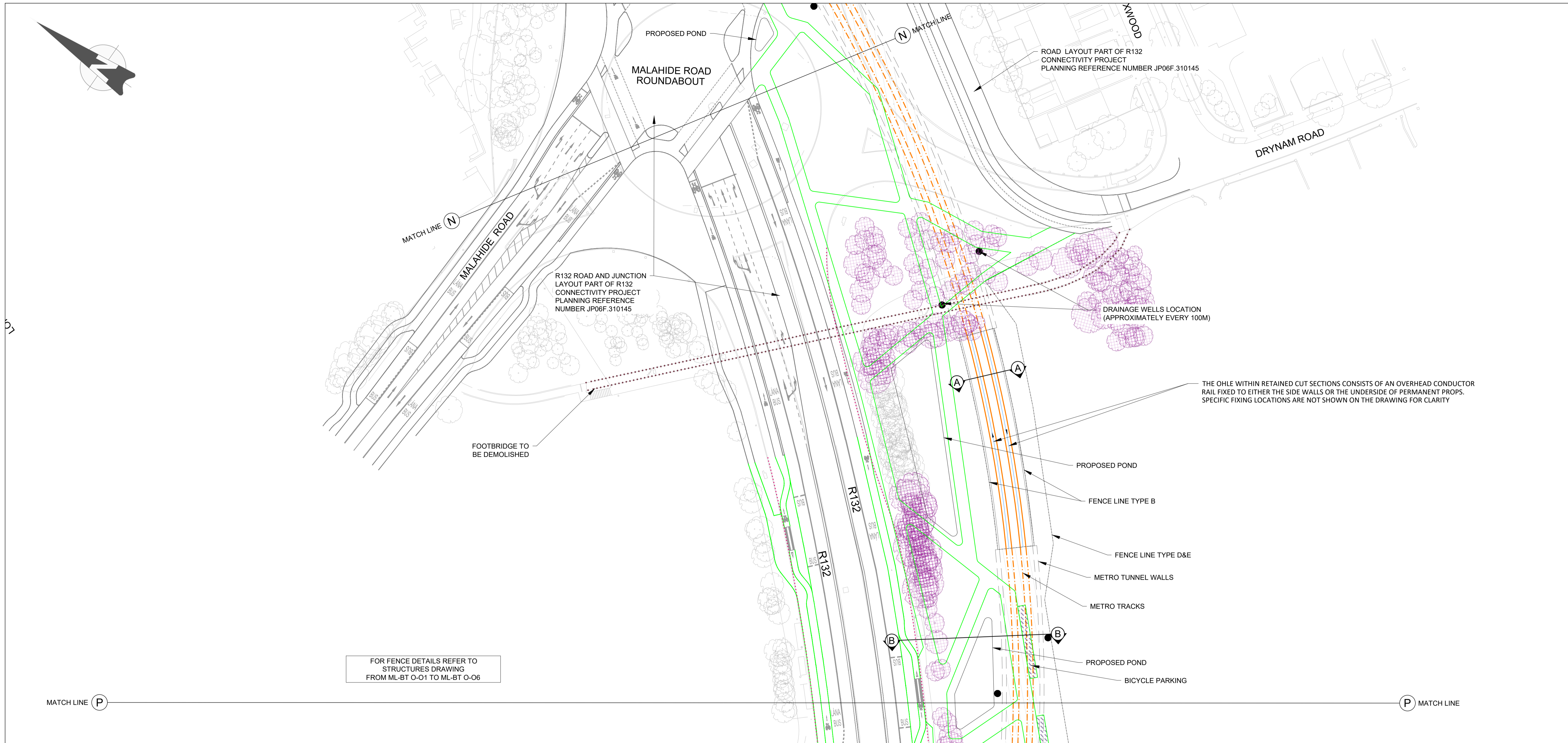
REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
P04	18/08/22	For Railway Order	OO	MM	MM	PB
P05	08/09/22		MM	AS	AS	PB

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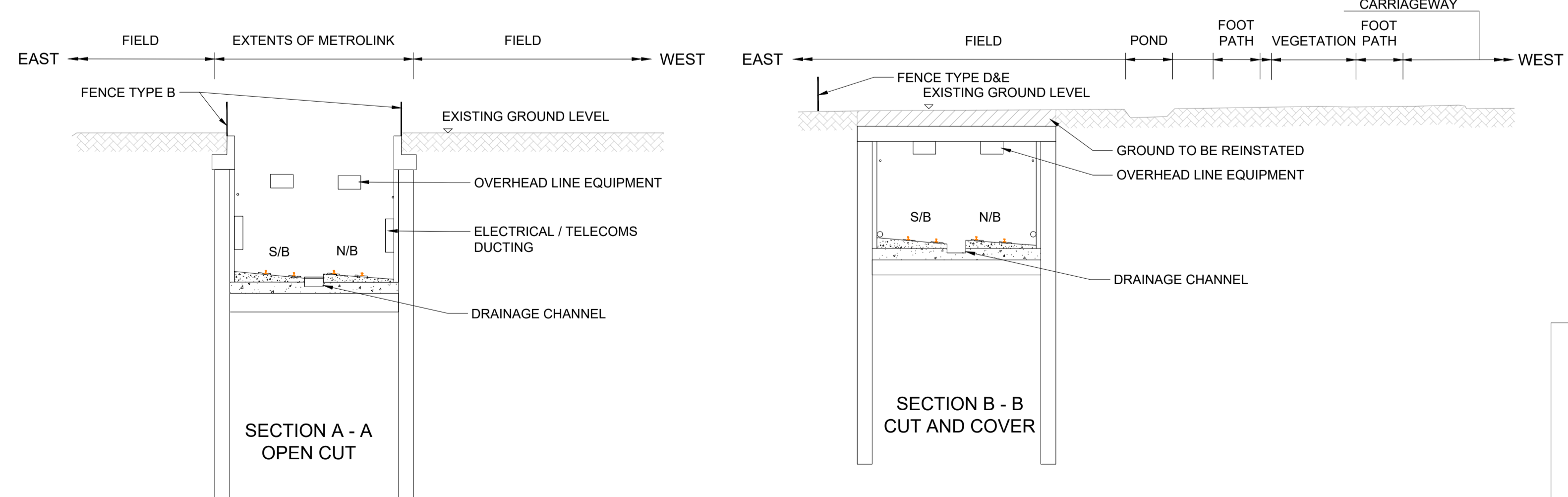
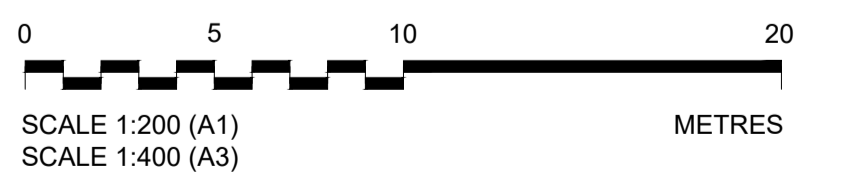
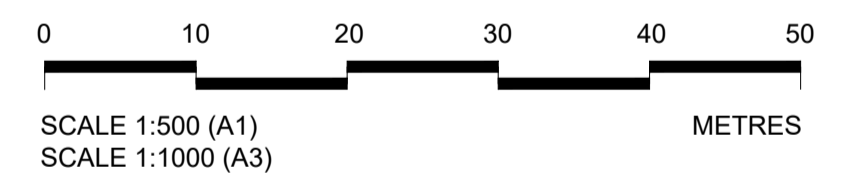
Client: **TIU** **NTA** **METROLINK**

Consultant: **JACOBS** **IDOM**

Drawing Title	METROLINK - GENERAL ARRANGEMENT SWORDS DEMESNE (SHEET 2 OF 2)	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03017	Plan Drawing N°	ML-RO 301 M-N
Scales Original Size A1	AS SHOWN	Sheet	1 of 1



FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06

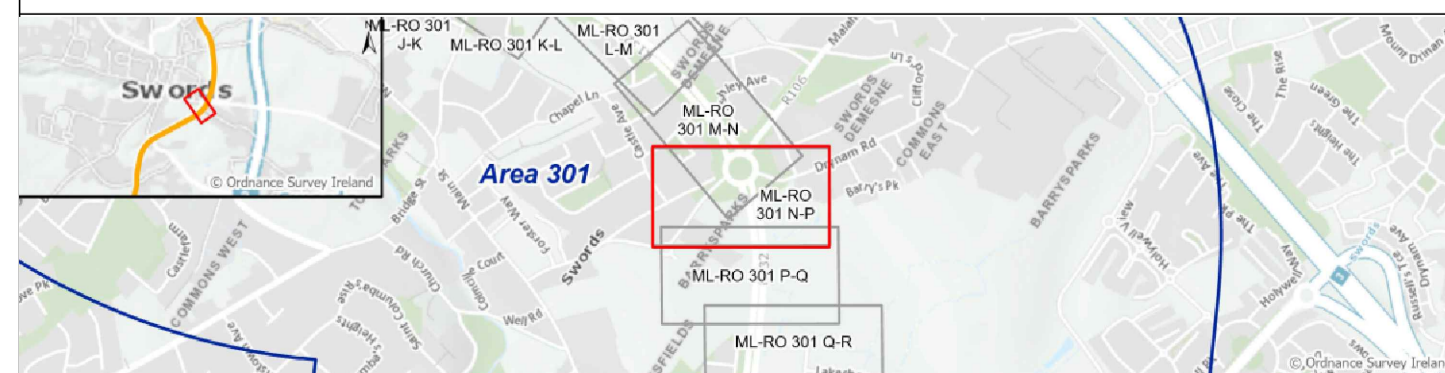


**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED R132 CONNECTIVITY SCHEME (BY OTHERS)
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- EXISTING WALL TO BE REMOVED
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED

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REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
P04	18/08/22	For Railway Order	OO	MM	MM	PB
P05	07/09/22		MM	AS	AS	PB

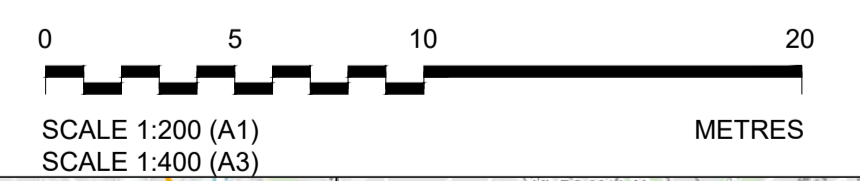
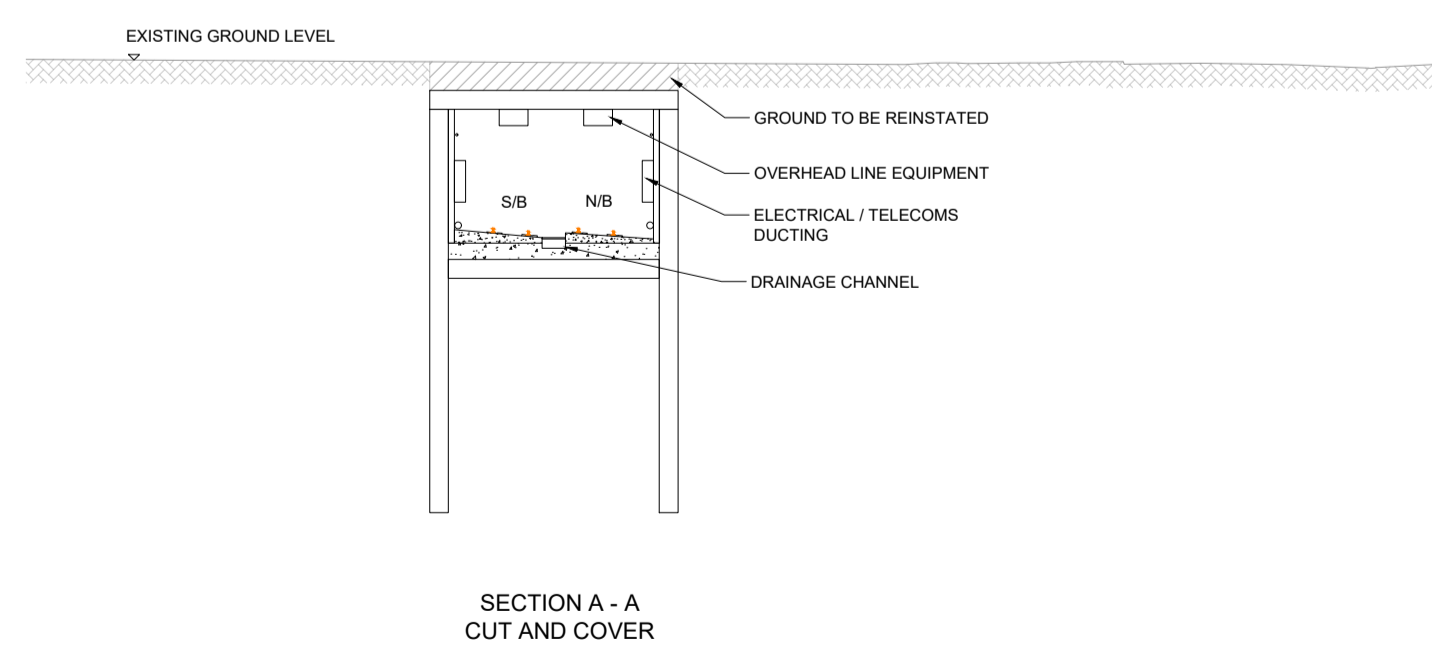
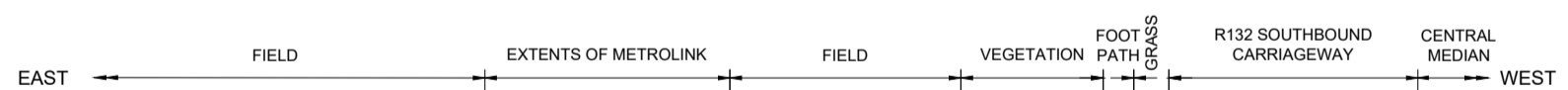
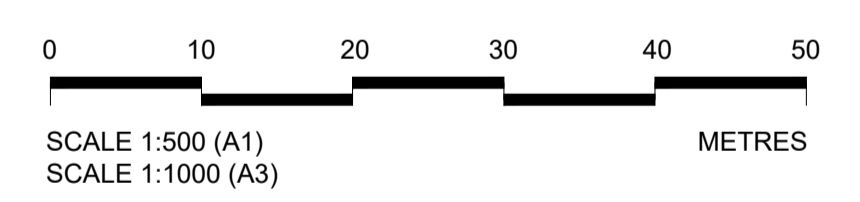
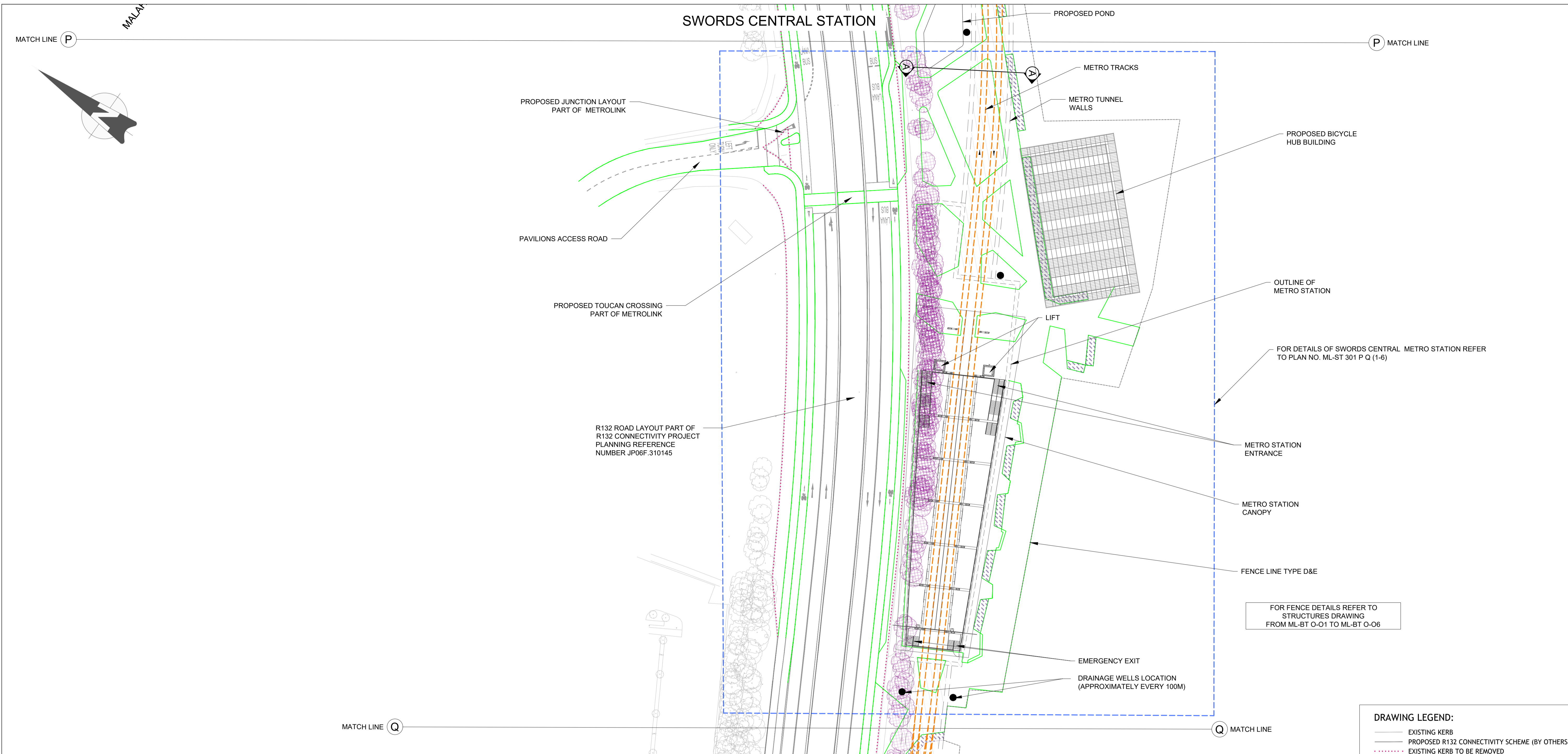
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Client: **TII** **NTA**

Project: **METROLINK**

Consultant: **JACOBS** **IDOM**

Drawing Title	METROLINK - GENERAL ARRANGEMENT MALAHIDE ROAD ROUNDABOUT	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03018	Plan Drawing N°	ML-RO 301 N-P
Scales	Original Size A1 AS SHOWN	Sheet	1 of 1



**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED R132 CONNECTIVITY SCHEME (BY OTHERS)
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- EXISTING WALL TO BE REMOVED
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- PROPOSED CAR PARKING
- PROPOSED BICYCLE PARKING (972 SPACES)
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- TREES TO BE REMOVED
- TREES TO BE RETAINED

- NOTES:**
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	03/06/22	For Railway Order	BJ	JR	AS	VM
P04	18/08/22		OO	MM	MM	PB
P05	07/09/22		MM	AS	AS	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

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All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallagh College (TLG).

Client

**TII** **NTA**

Udaráis Náisiúnta Iompar

National Transport Authority

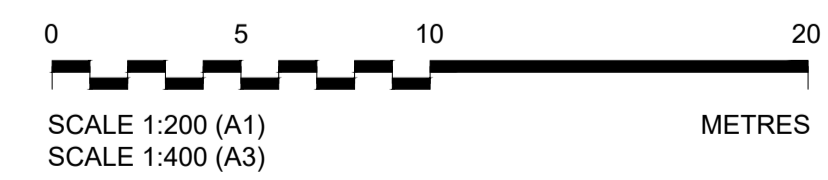
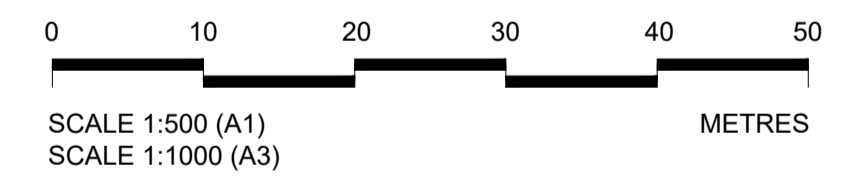
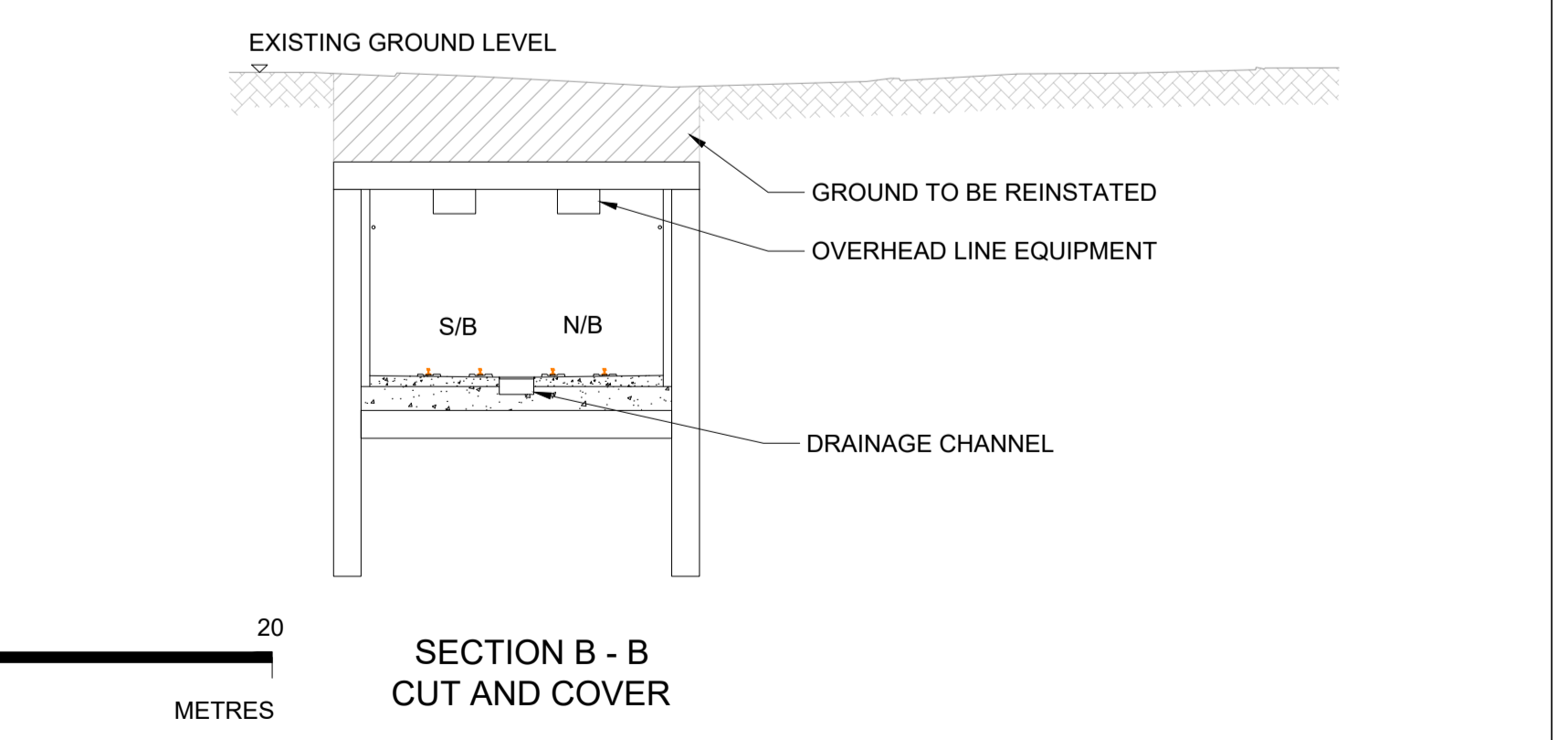
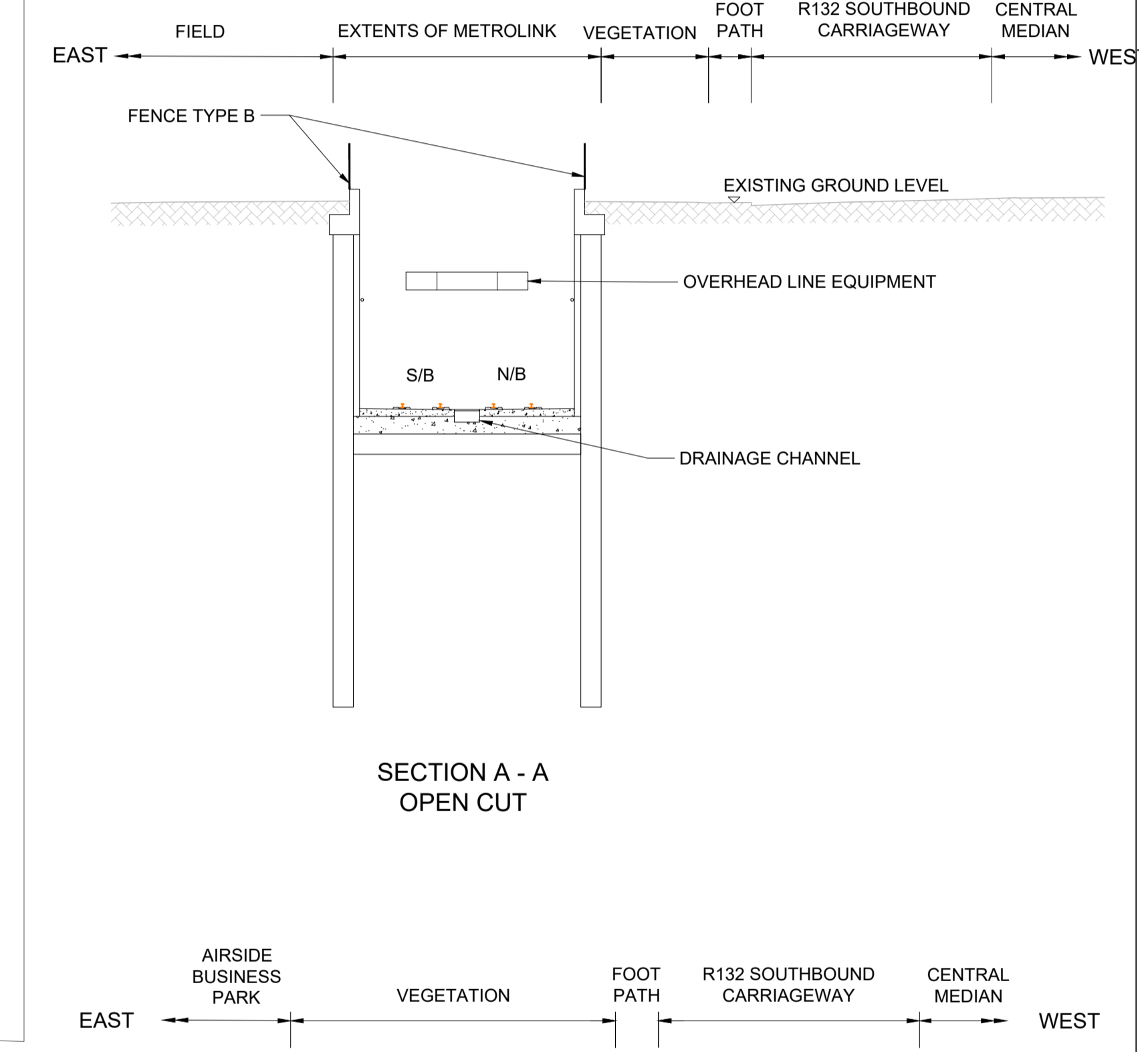
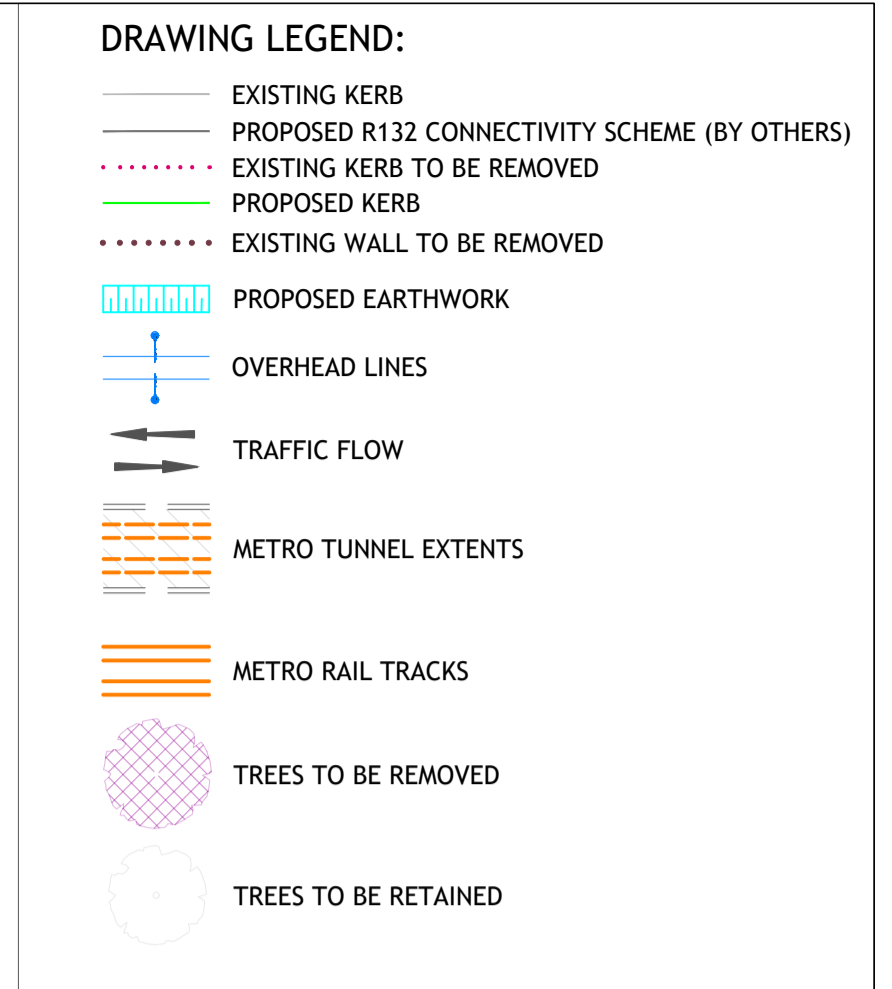
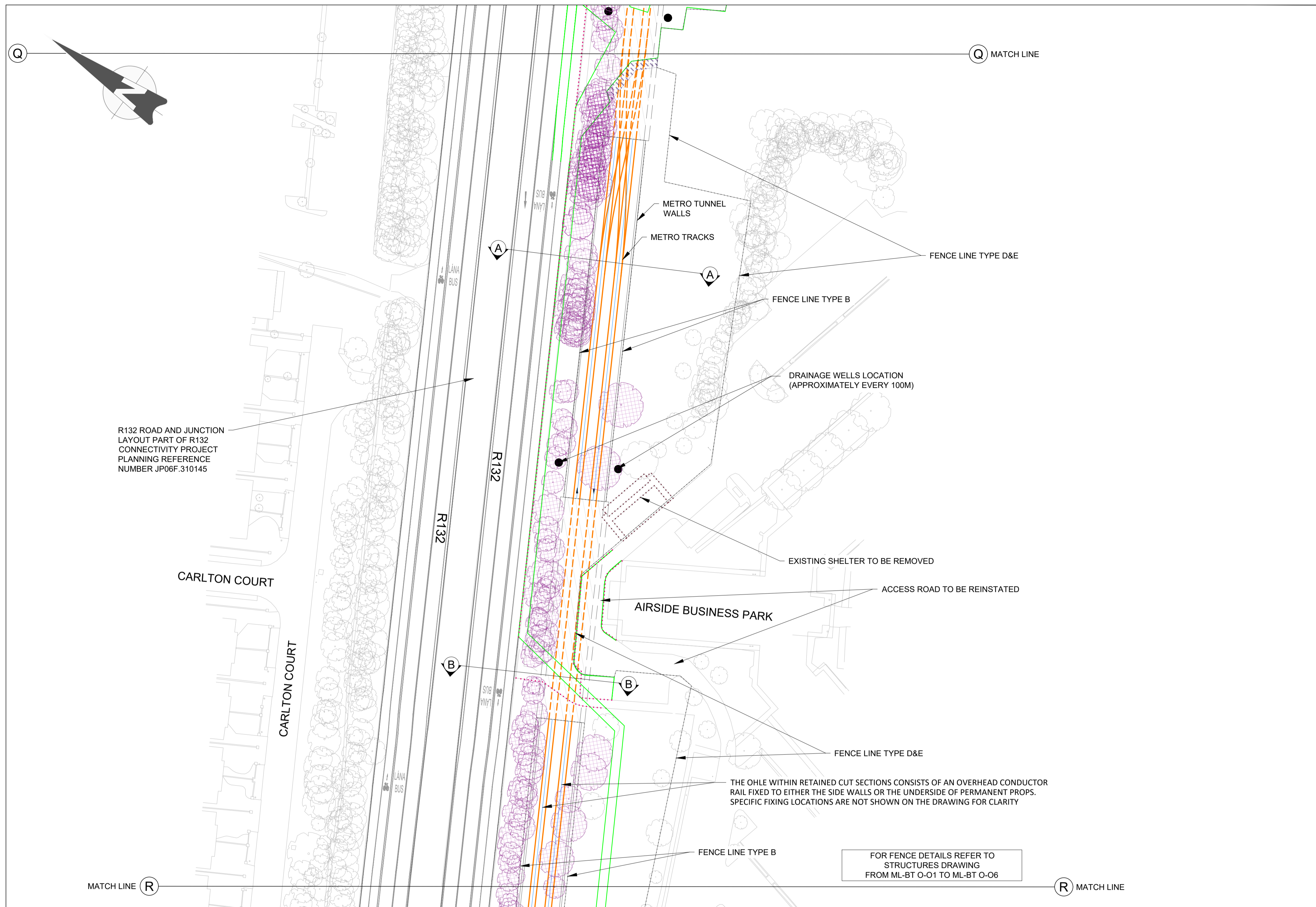
Project

**METROLINK**

Consultant

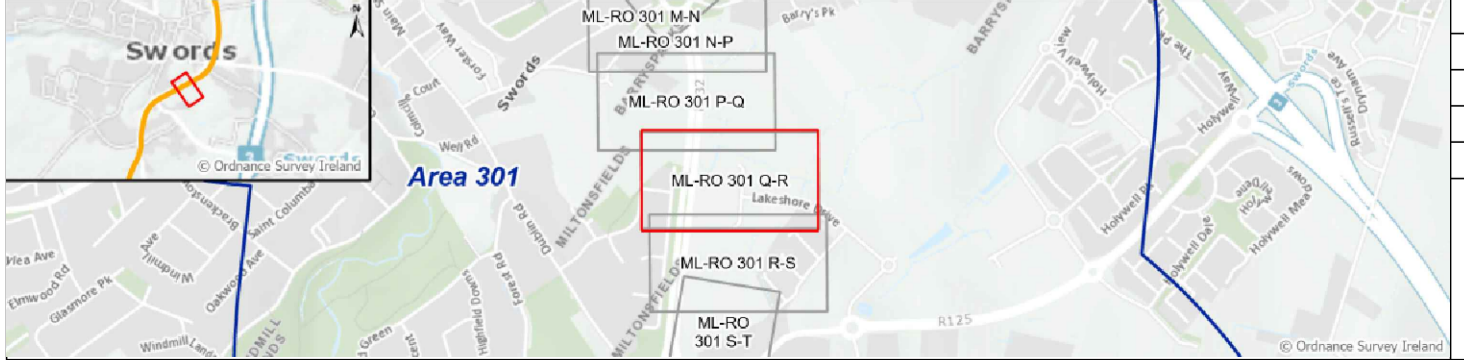
**JACOBS** **IDOM**

Drawing Title	METROLINK - GENERAL ARRANGEMENT SWORDS CENTRAL	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03019	Plan Drawing N°	ML-RO 301 P-Q
Scales Original Size A1	AS SHOWN	Sheet	1 of 1



**NOTES:**

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- FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
- FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	26/07/21	For Railway Order	AG	RS	RS	NC
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
P04	18/08/22		OO	MM	MM	PB

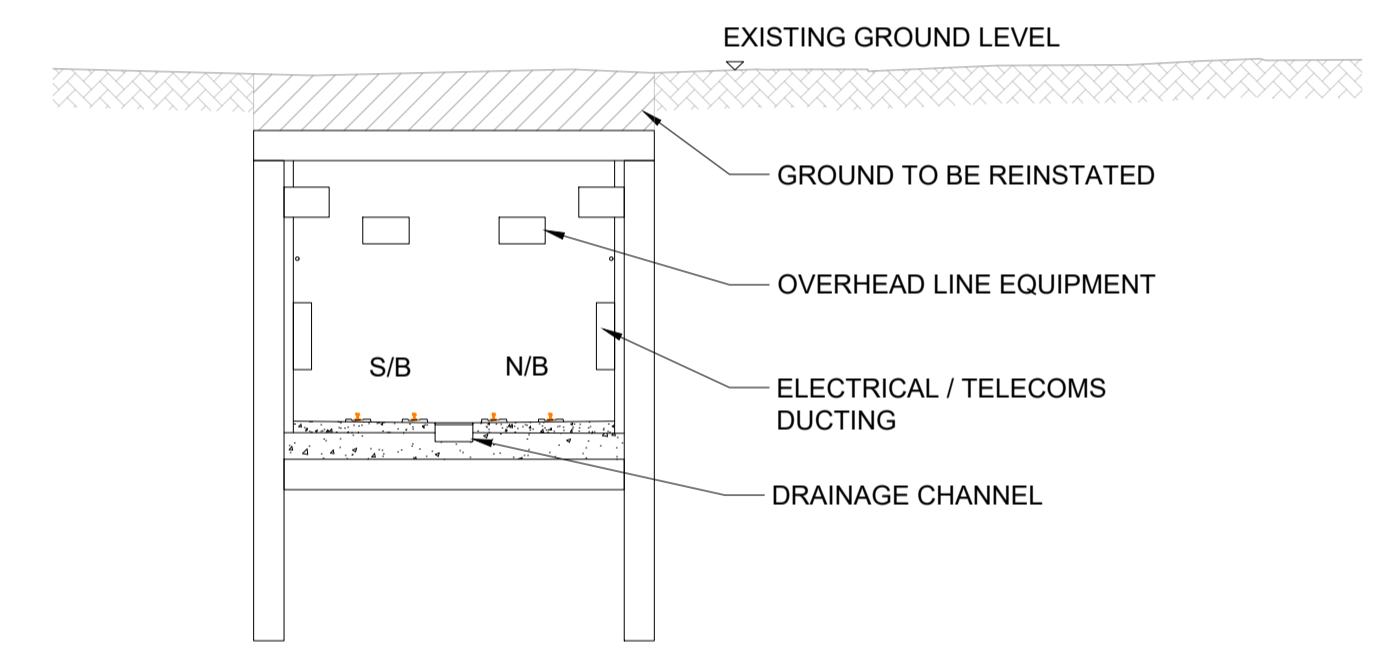
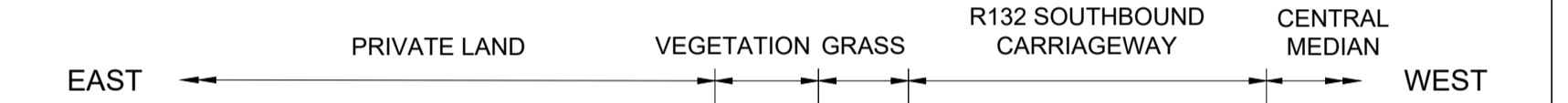
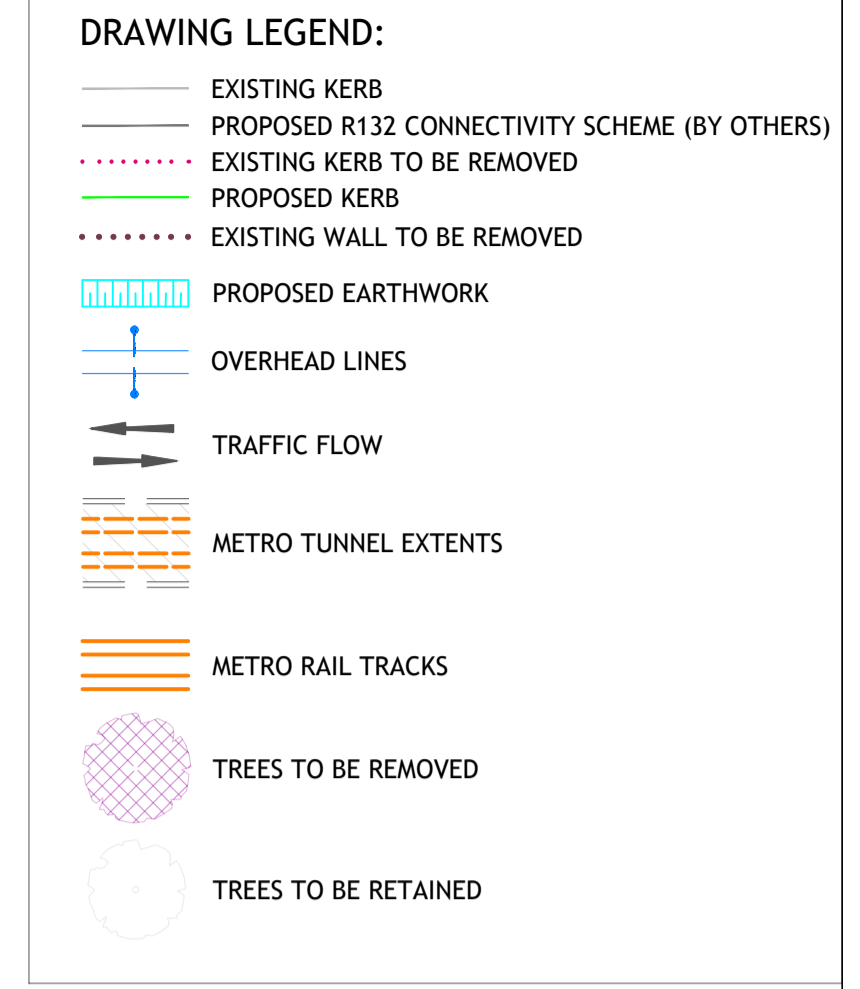
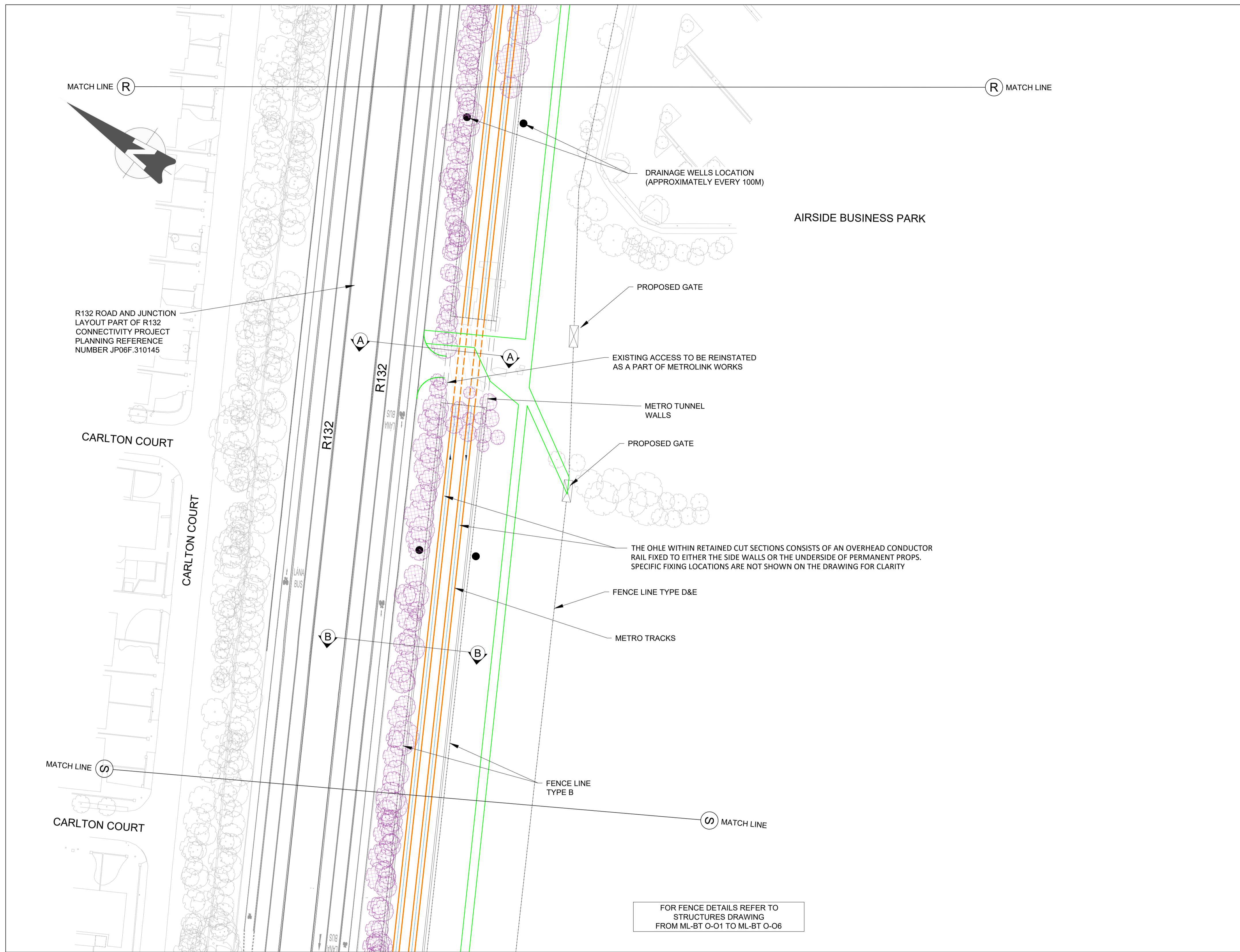
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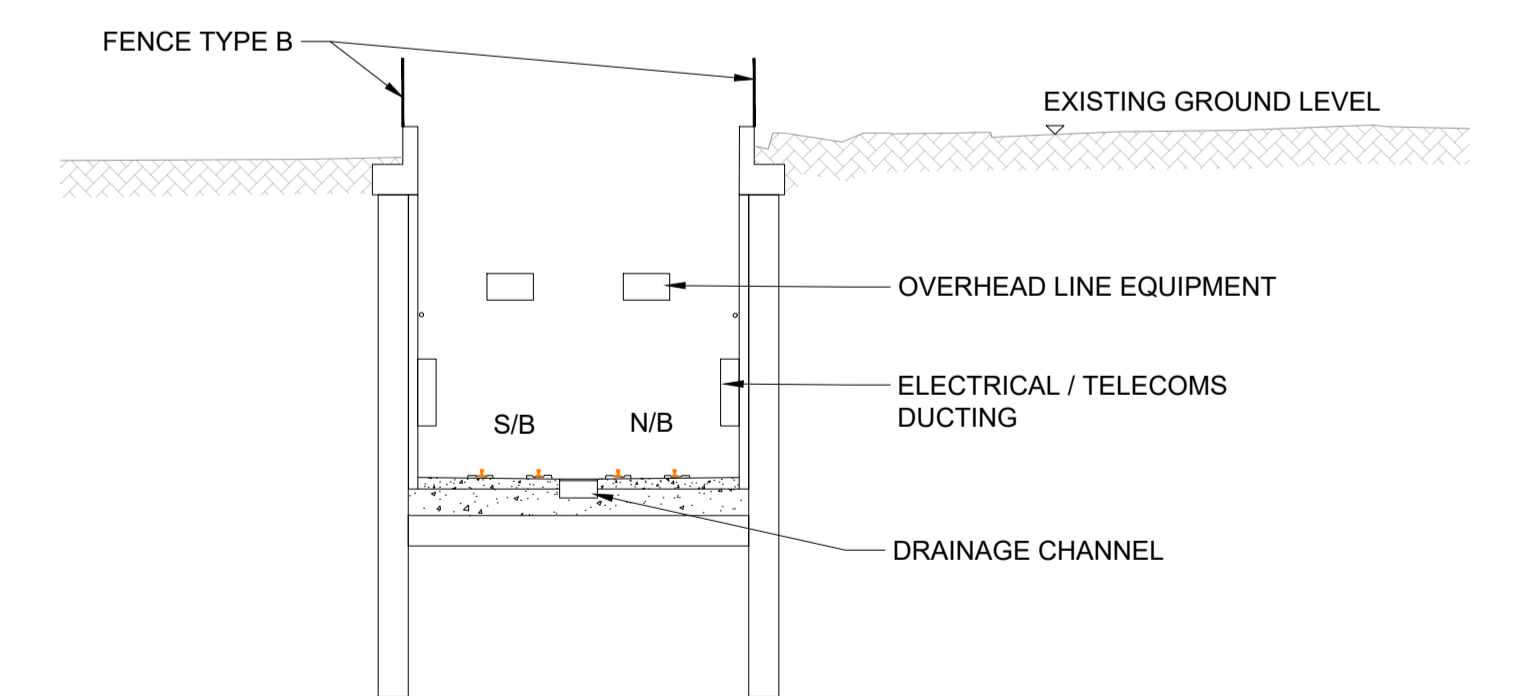
All elevations are in metres and relate to OSI Geoid Model (OSGM02) Mean Head as defined by existing Project Control.

All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLG).

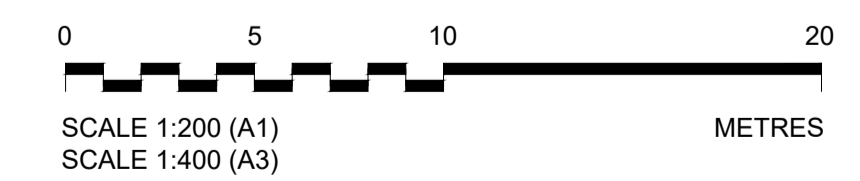
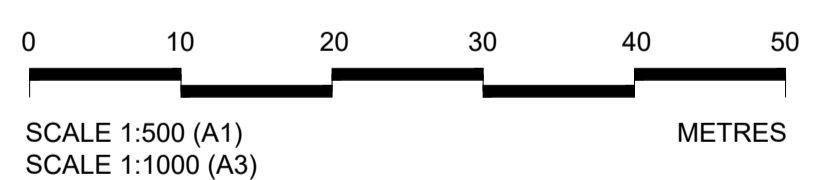
Client	TII NTA	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT AIRSIDE BUSINESS PARK (SHEET 1 OF 2)	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03020	Plan Drawing N°	ML-RO 301 Q-R	Sheet 1 of 1	
		Scales	Original Size A1 AS SHOWN				



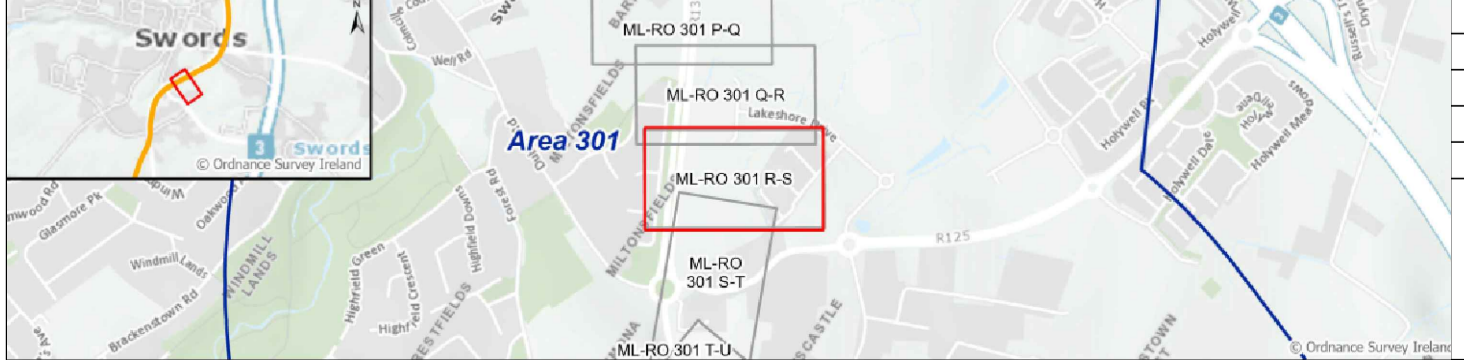
SECTION A - A CUT AND COVER



SECTION B - B OPEN CUT



- NOTES:**
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P01	26/07/21	For Railway Order	AG	RS	RS	NC
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
P04	18/08/22		OO	MM	MM	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

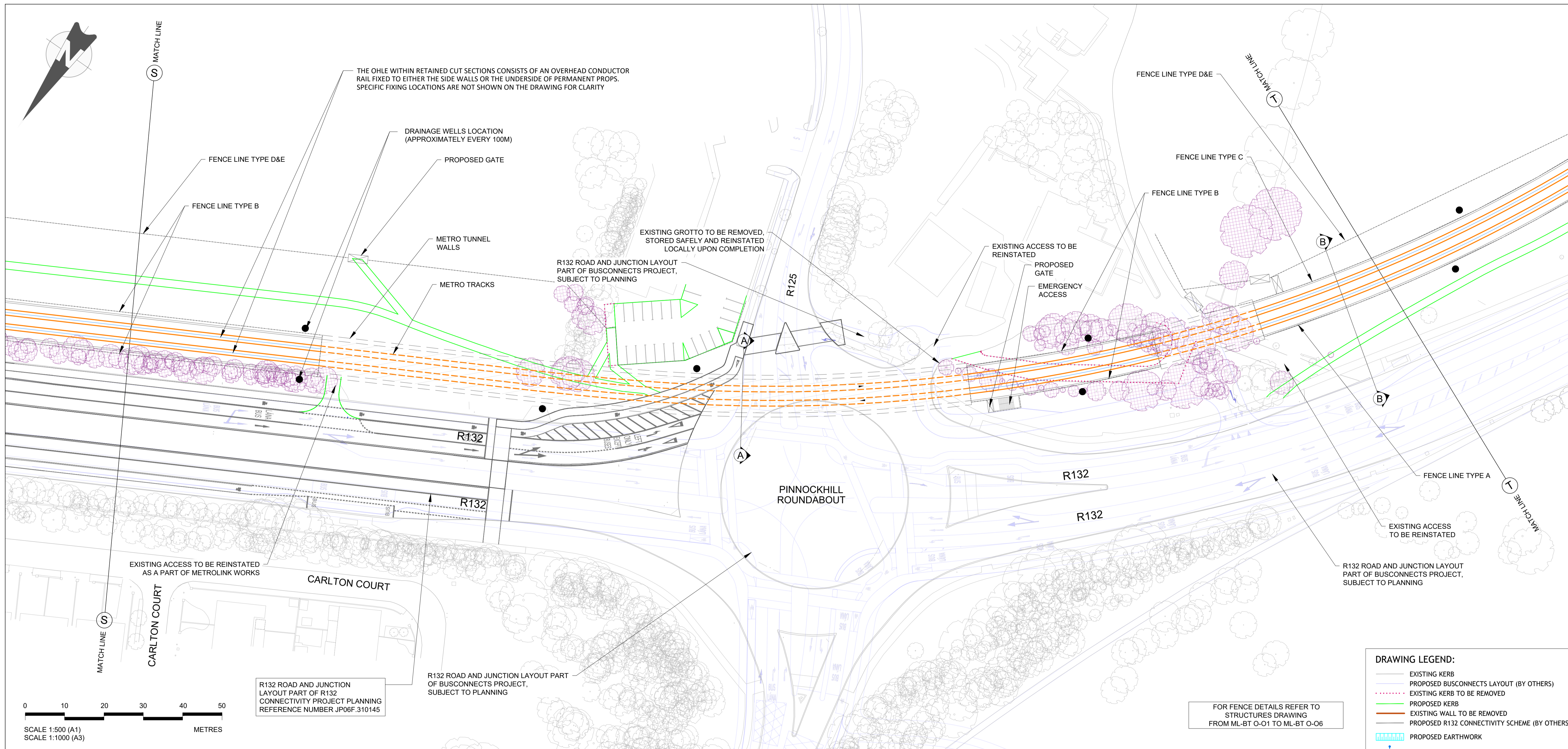
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Client: **TII** **NTA** **METROLINK**

Consultant: **JACOBS** **IDOM**

Drawing Title	METROLINK - GENERAL ARRANGEMENT AIRSIDE BUSINESS PARK (SHEET 2 OF 2)	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03021	Plan Drawing N°	ML-RO- 301 R-S
Scales Original Size A1	AS SHOWN	Sheet	1 of 1

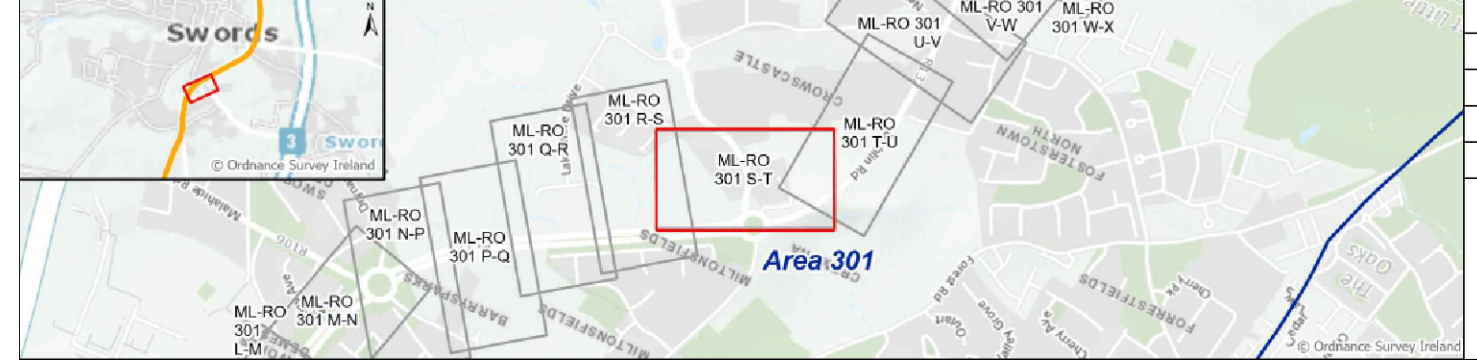
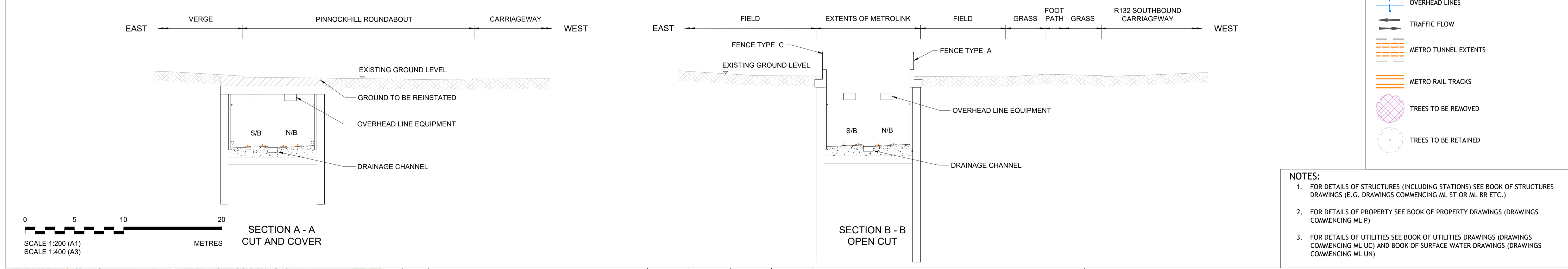




**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED BUSCONNECTS LAYOUT (BY OTHERS)
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- EXISTING WALL TO BE REMOVED
- PROPOSED R132 CONNECTIVITY SCHEME (BY OTHERS)
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED

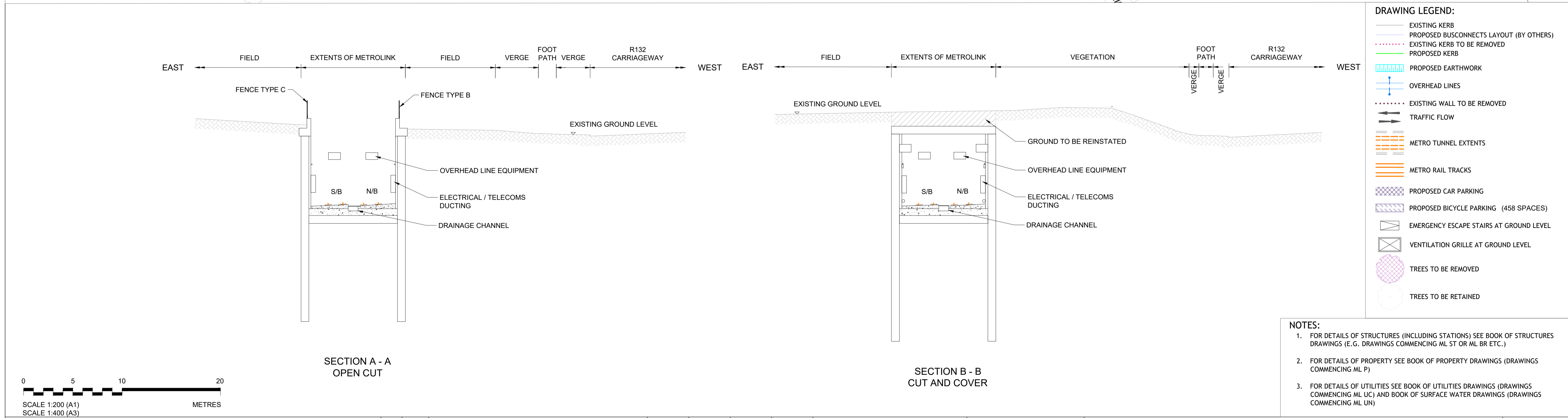
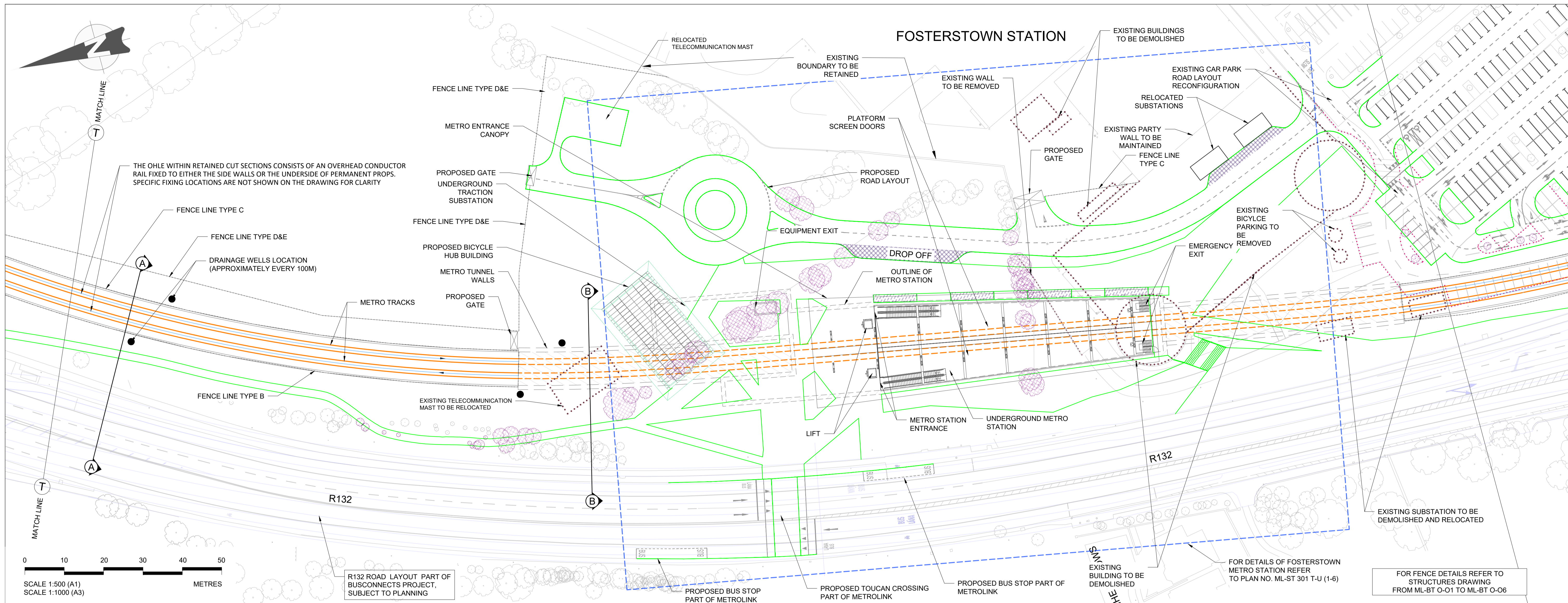
- NOTES:**
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REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
P04	18/08/22	For Railway Order	OO	MM	MM	PB
P05	07/09/22		MM	AS	AS	PB

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Client	TII NTA Udarás Náisiúnta Iompair National Transport Authority	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT PINNOCK HILL ROUNDABOUT	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03022	Plan Drawing N°	ML-RO-301 S-T	Sheet 1 of 1	
		Scales Original Size A1	AS SHOWN				



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P03	10/11/21	For Railway Order	JR	RS	AS	NC
P04	20/05/22	For Railway Order	BJ	JR	AS	PB
P05	18/08/22	For Railway Order	OO	MM	MM	PB
P06	07/09/22		MM	AS	AS	PB

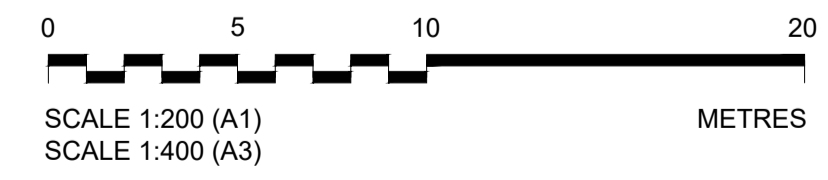
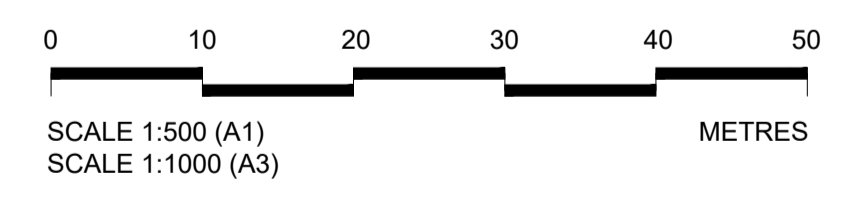
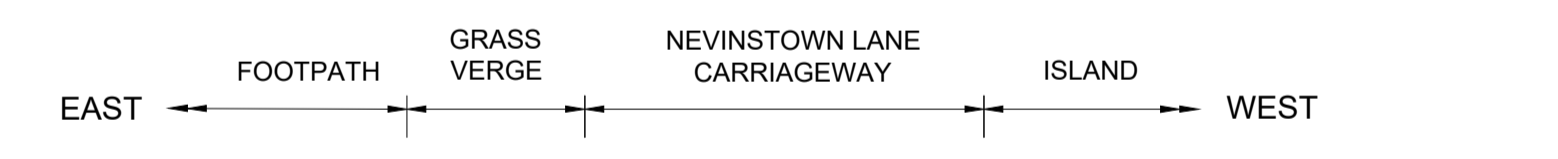
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Client	Project	Drawing Title	Drawing Status
	METROLINK	METROLINK - GENERAL ARRANGEMENT AIRSIDE SHOPPING CENTRE (SHEET 1 OF 2)	S0
Consultant	Drawing N°	Plan Drawing N°	
	ML1-JAI-ARD-ROUT_XX-DR-Y-03023	ML-RO 301 T-U	
	Scales Original Size A1 AS SHOWN		Sheet 1 of 1



**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED BUSCONNECTS LAYOUT (BY OTHERS)
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED
- PROPOSED KERB
- EXISTING KERB TO BE REMOVED
- EXISTING WALL TO BE REMOVED

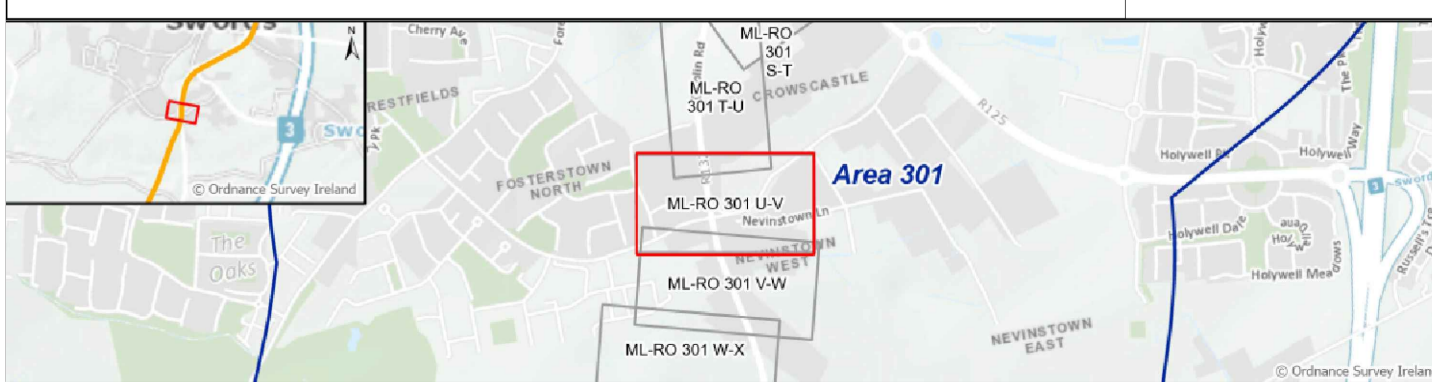


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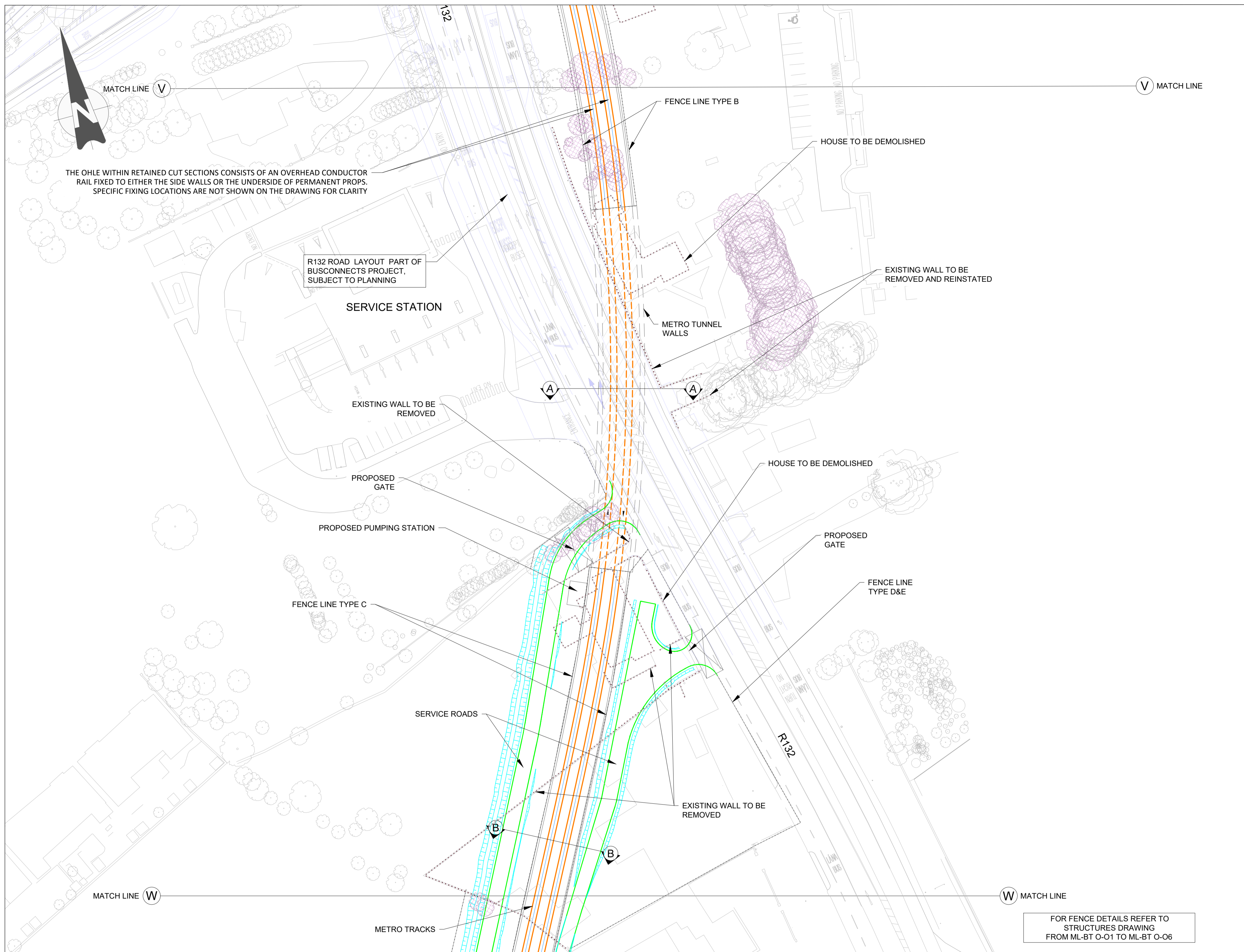
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- FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)

P01	26/07/21	For Railway Order	AG	RS	RS	NC
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
P04	18/08/22	For Railway Order	OO	MM	MM	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

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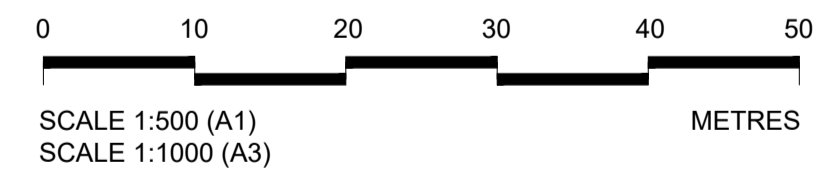
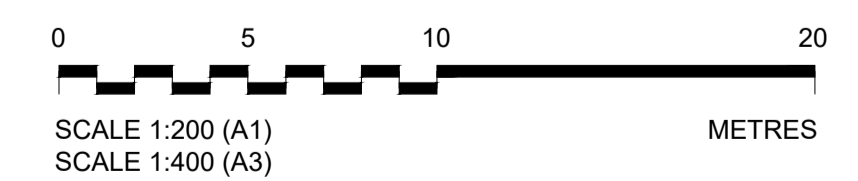
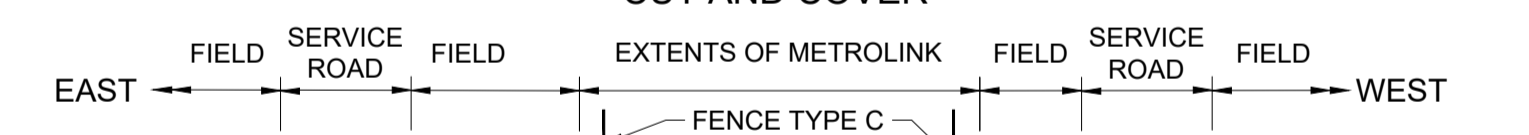
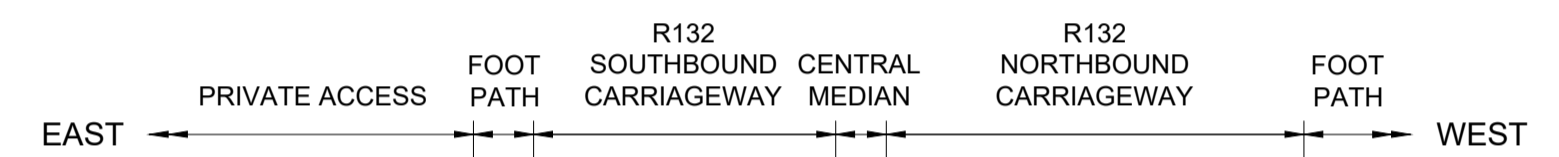


Client	Project	Drawing Title	Drawing Status
	METROLINK	METROLINK - GENERAL ARRANGEMENT AIRSIDE SHOPPING CENTRE (SHEET 2 OF 2)	S0
Consultant	Drawing N°	Plan Drawing N°	
	ML1-JAI-ARD-ROUT_XX-DR-Y-03024	ML-RO 301 U-V	
	Scales Original Size A1 AS SHOWN		Sheet 1 of 1

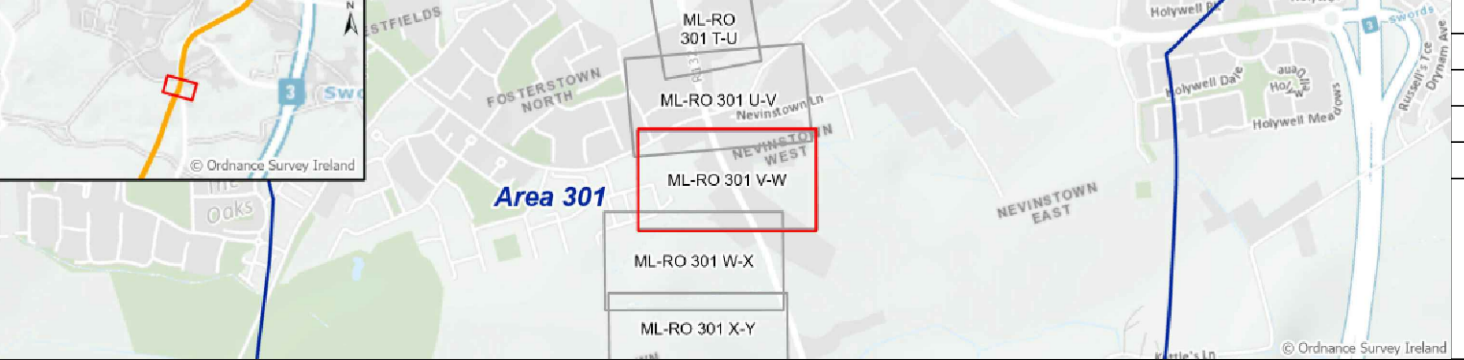


**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED BUSCONNECTS LAYOUT (BY OTHERS)
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED
- PROPOSED KERB
- EXISTING KERB TO BE REMOVED
- EXISTING WALL TO BE REMOVED



- NOTES:**
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REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	09/07/21	For Railway Order	SS	RS	AS	NC
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
P04	18/08/22		OO	MM	MM	PB

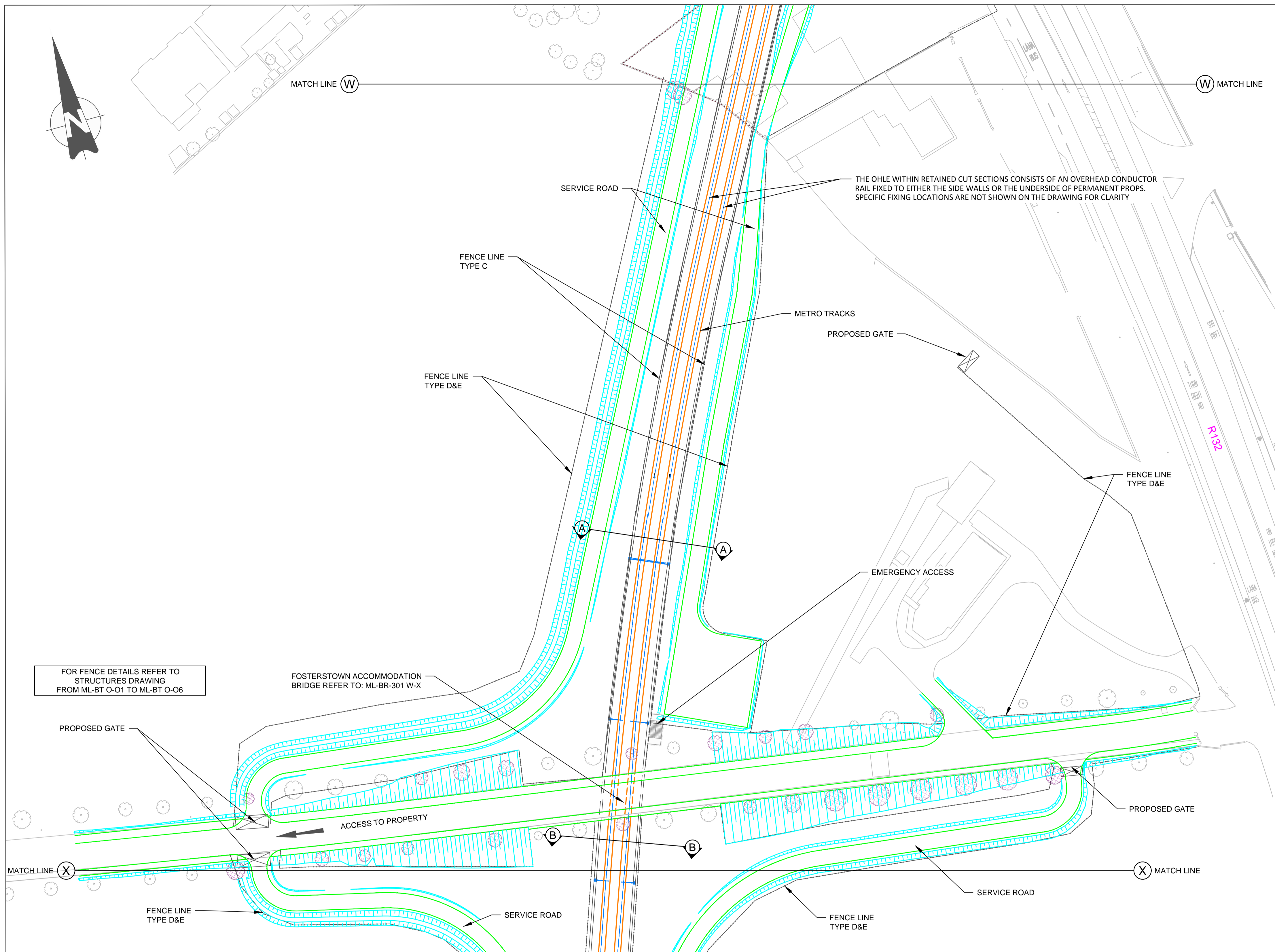
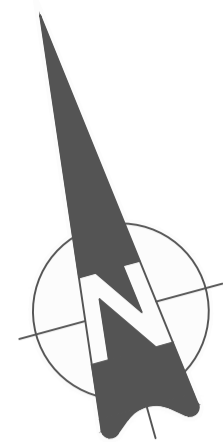
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Client: **TII** **NTA** (Udaráis Náisiúnta Iompar National Transport Authority)

Project: **METROLINK**

Consultant: **JACOBS** **IDOM**

Drawing Title	METROLINK - GENERAL ARRANGEMENT NEVINSTOWN	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03025	Plan Drawing N°	ML-RO 301 V-W
Scales	Original Size A1 AS SHOWN	Sheet	1 of 1

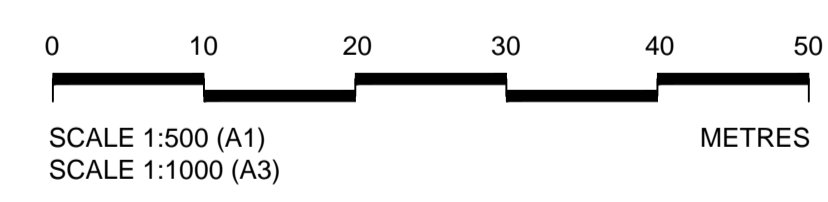


**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED
- PROPOSED KERB
- EXISTING KERB TO BE REMOVED
- EXISTING WALL TO BE REMOVED

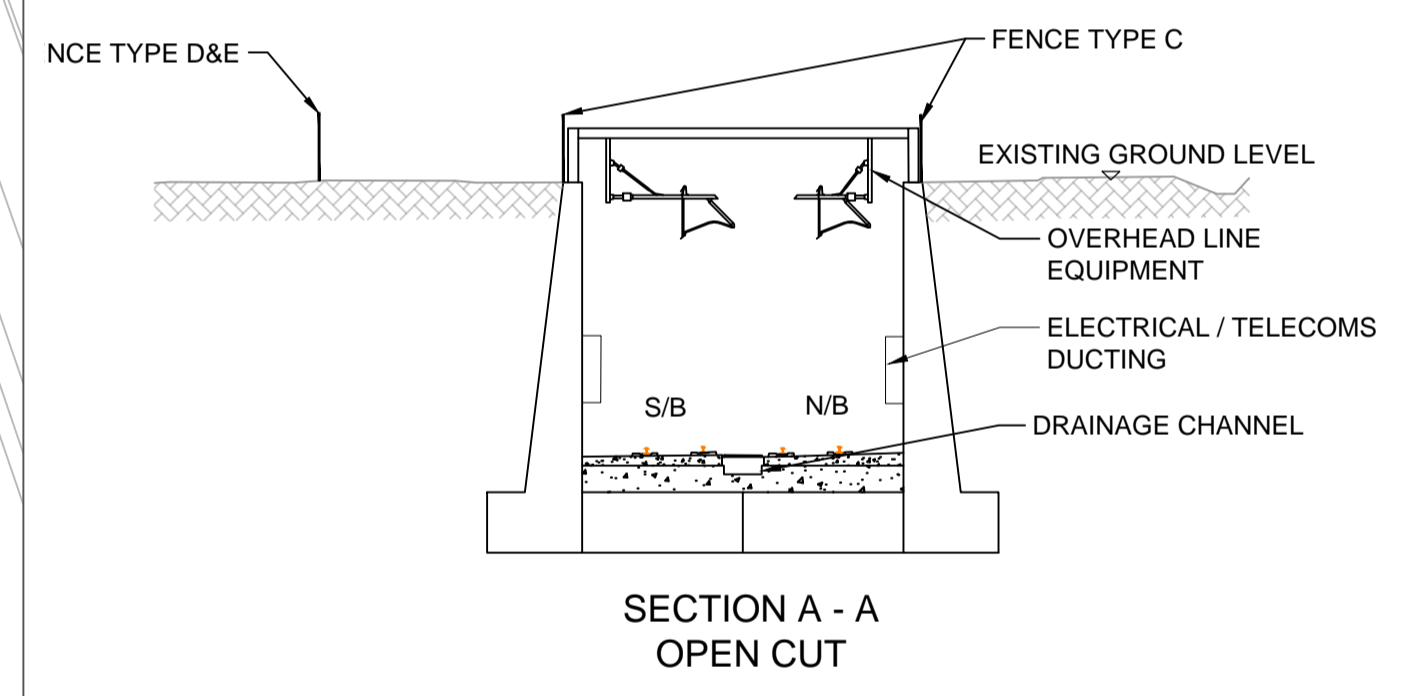
FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06

FOSTERSTOWN ACCOMMODATION BRIDGE REFER TO: ML-BR-301 W-X

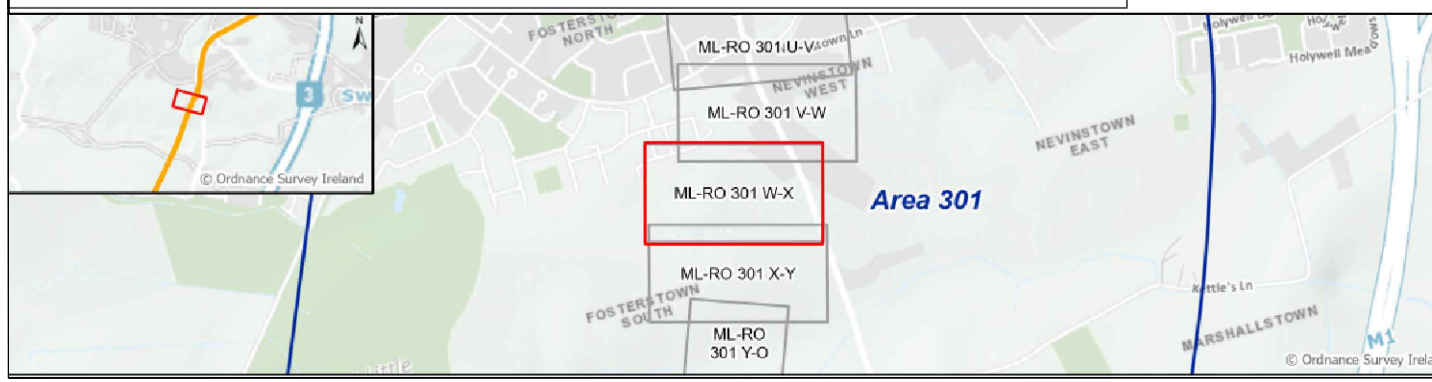
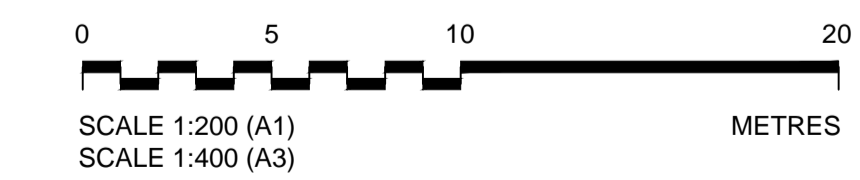
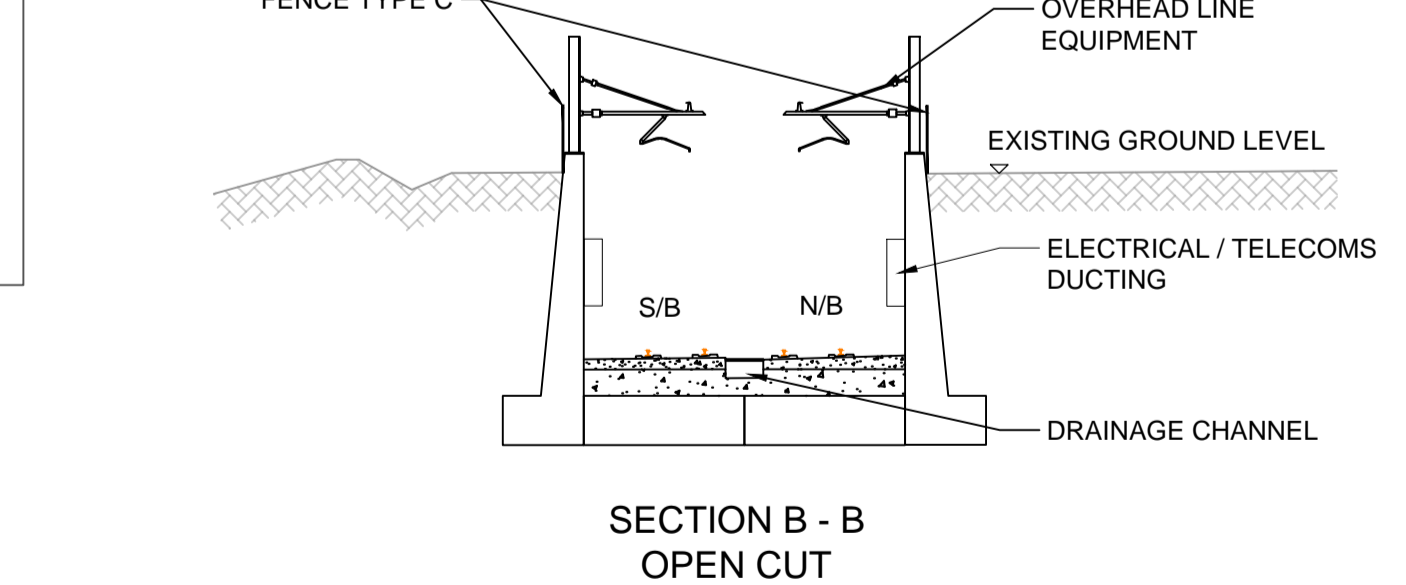


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  2. FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  3. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)

EAST ← FIELD SERVICE ROAD FIELD EXTENTS OF METROLINK FIELD SERVICE ROAD FIELD → WEST



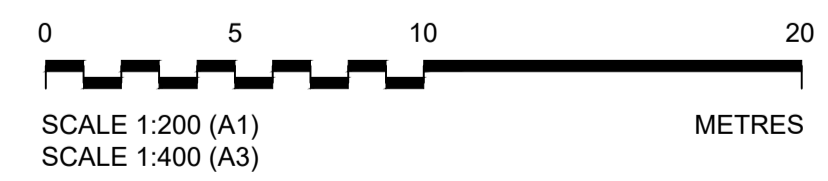
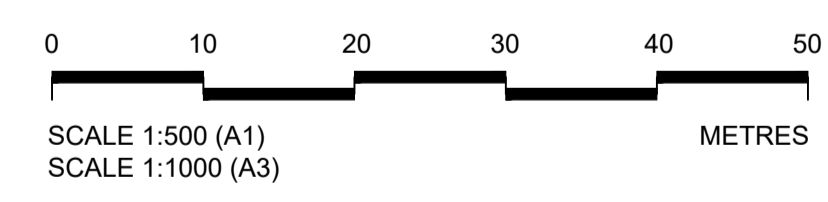
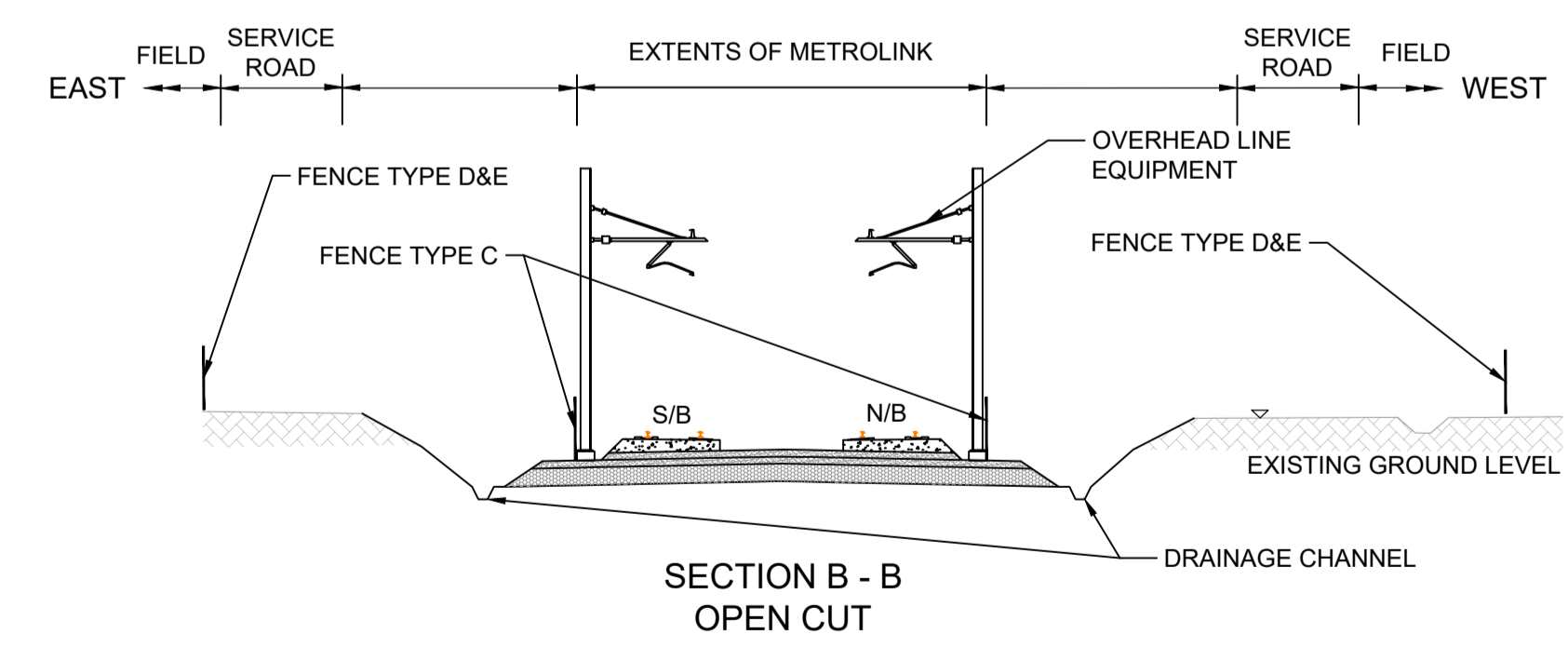
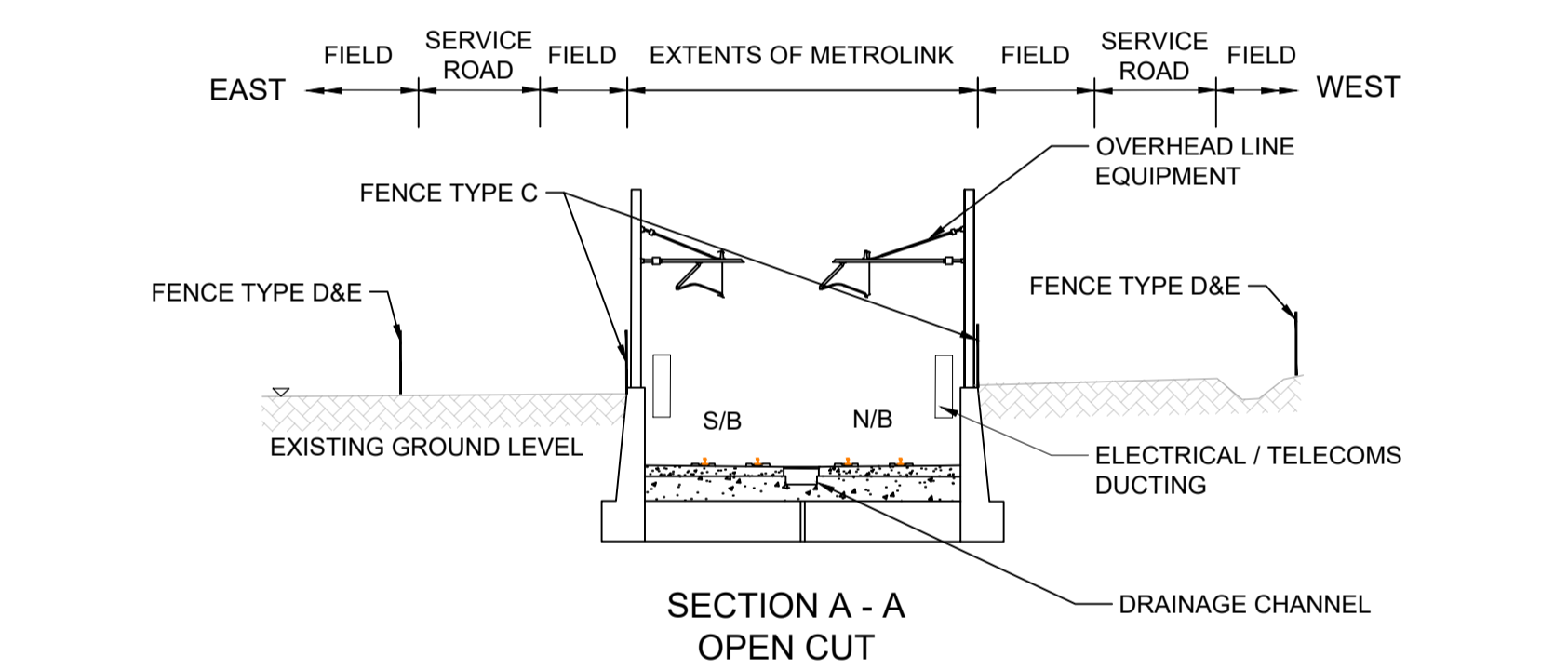
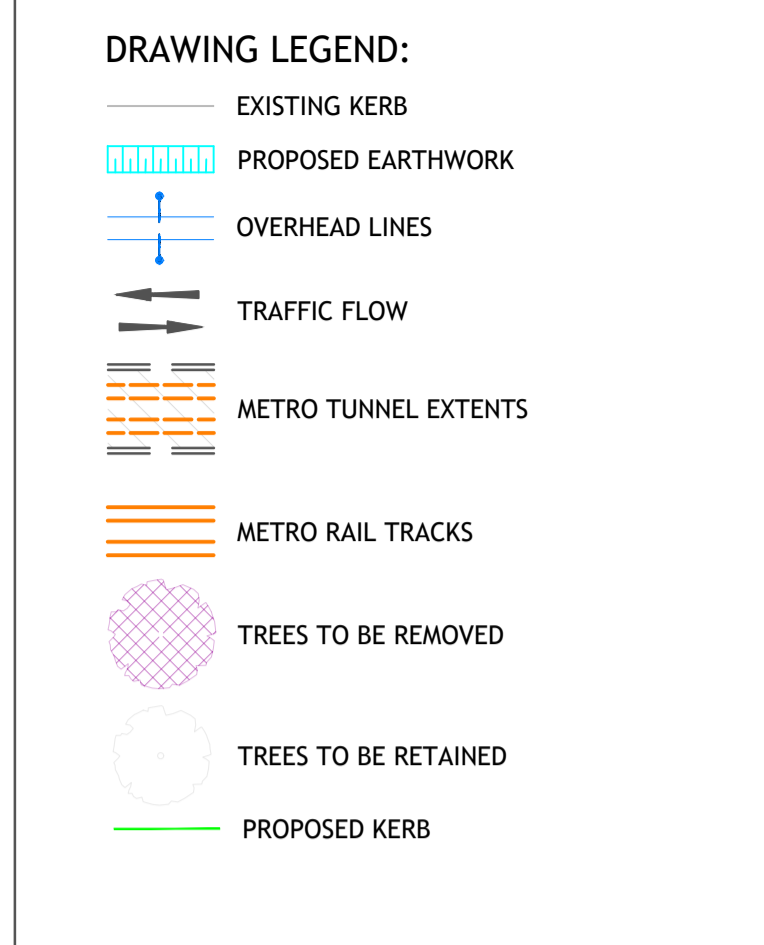
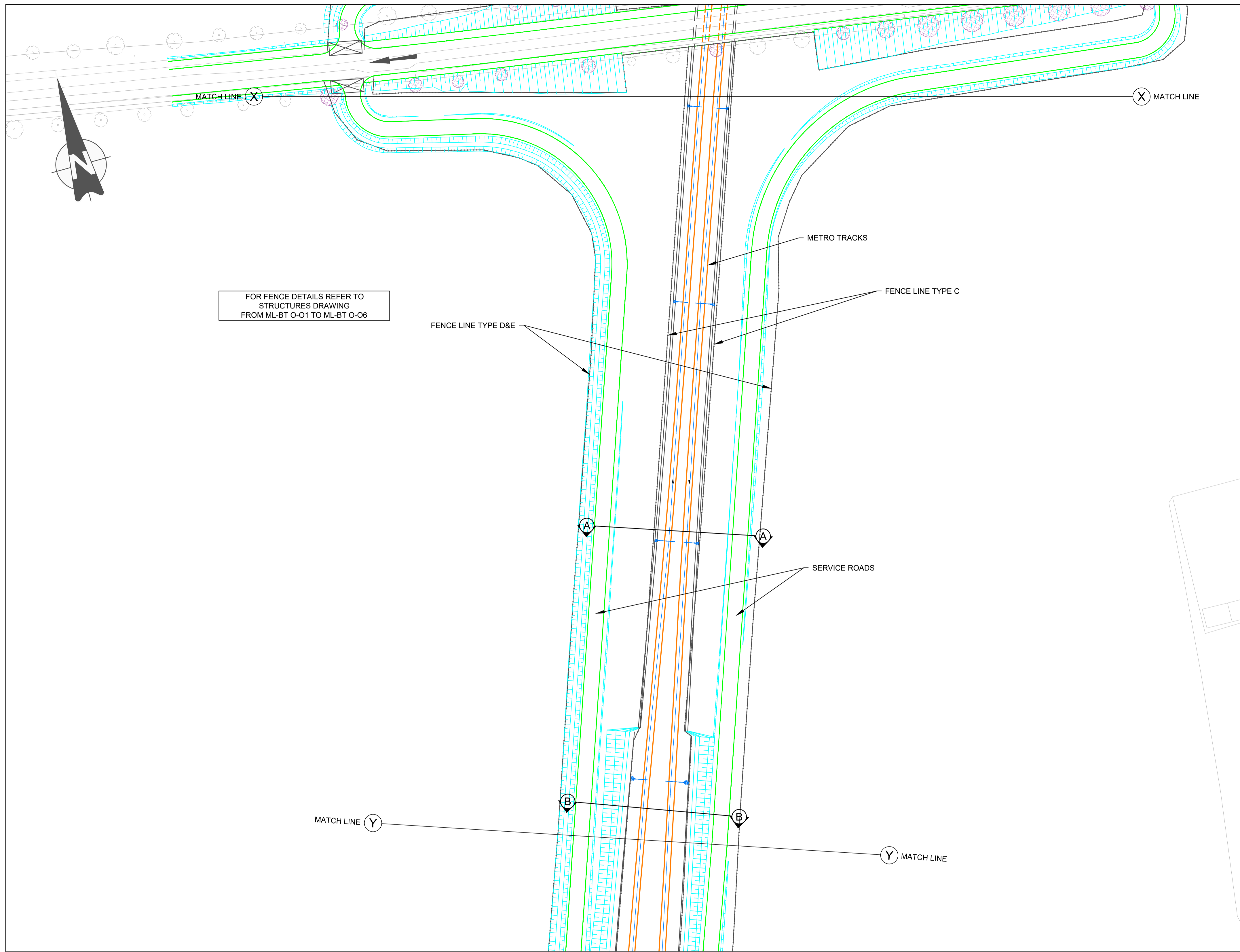
EAST ← VEGETATION EXTENTS OF METROLINK FIELD → WEST



P01	09/07/21	For Railway Order	SS	RS	AS	NC
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

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Client		Project	<b>METROLINK</b>	Drawing Title	METROLINK - GENERAL ARRANGEMENT FOSTERSTOWN (SHEET 1 OF 3)	Drawing Status	S0
Consultant		Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03026	Plan Drawing N°	ML-RO 301 W-X	Sheet 1 of 1	
Scales Original Size A1 AS SHOWN							



**NOTES:**

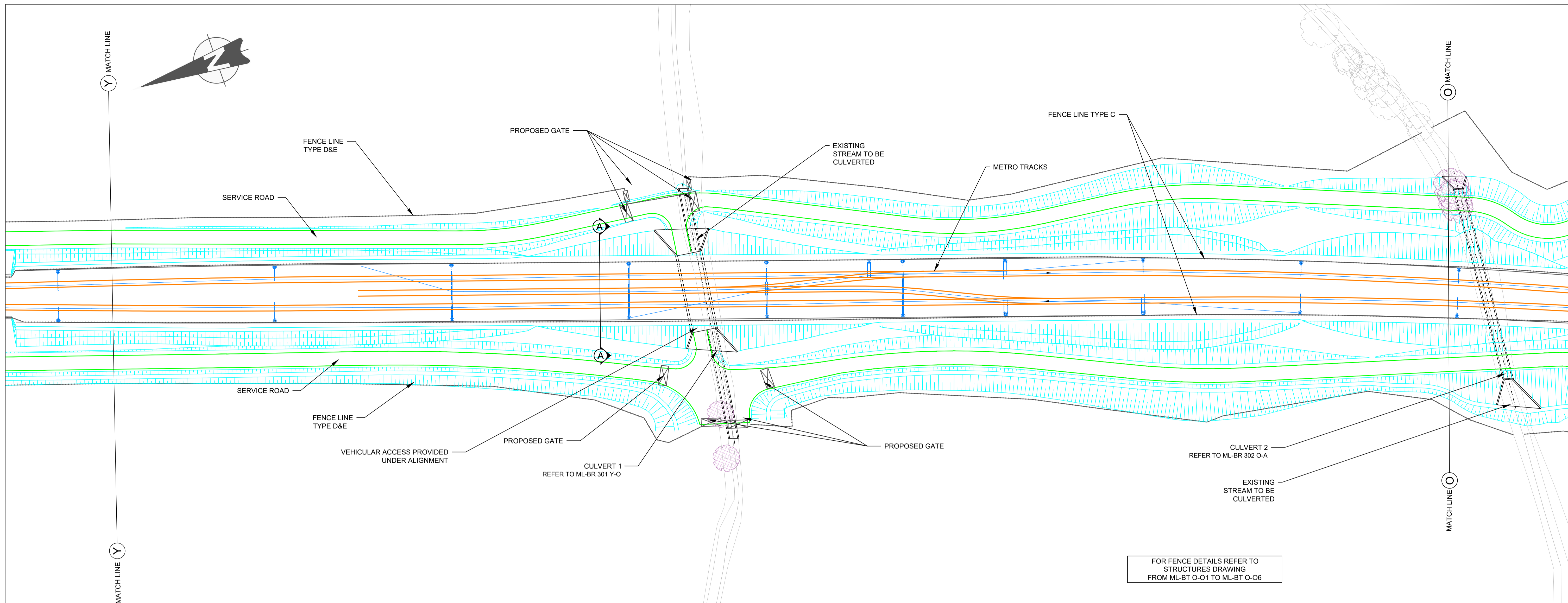
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
- FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
- FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



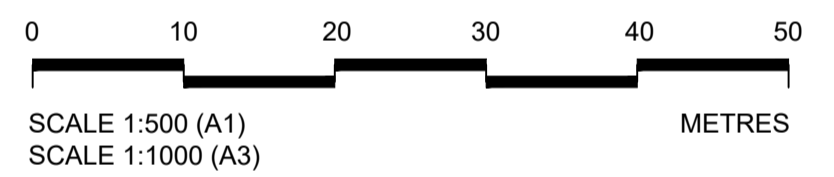
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	09/07/21	For Railway Order	SS	RS	AS	NC
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB

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Client	TII NTA Udaráis Náisiúnta Iompar National Transport Authority	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT FOSTERSTOWN (SHEET 2 OF 3)	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03027	Plan Drawing N°	ML-RO 301 X-Y	Sheet 1 of 1	
		Scales	Original Size A1 AS SHOWN				

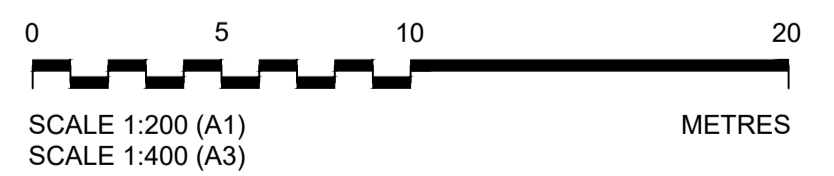
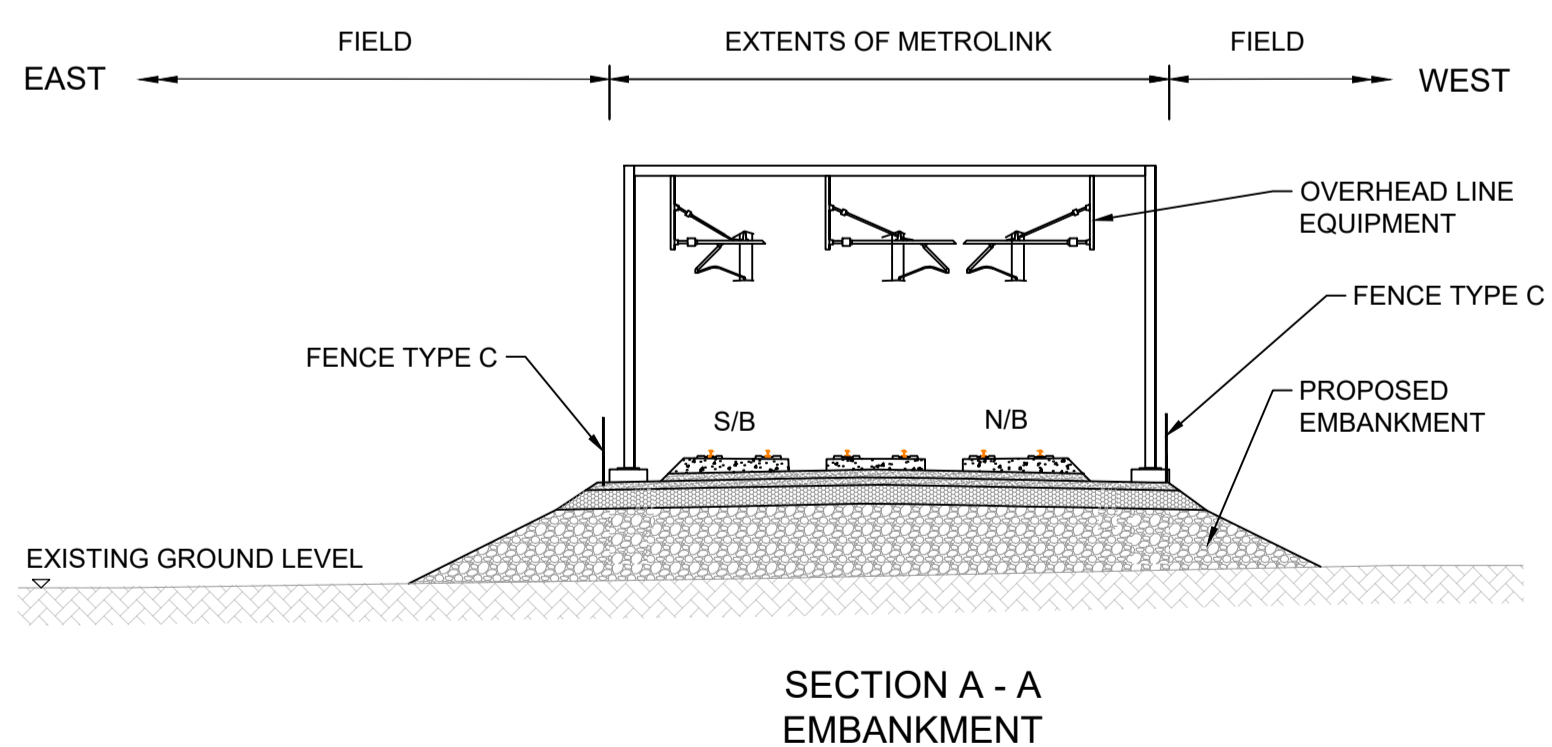


FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-O1 TO ML-BT O-O6

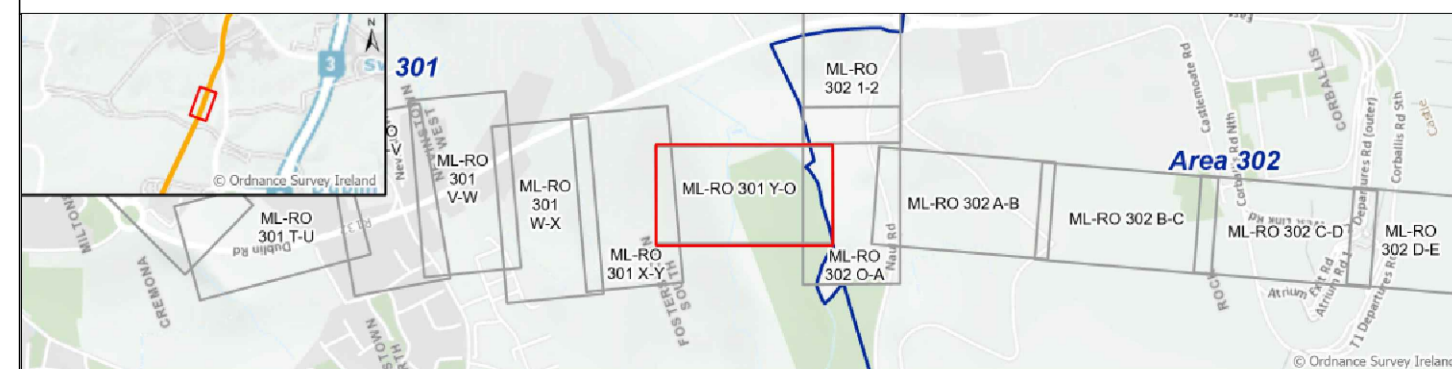


**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED
- PROPOSED KERB



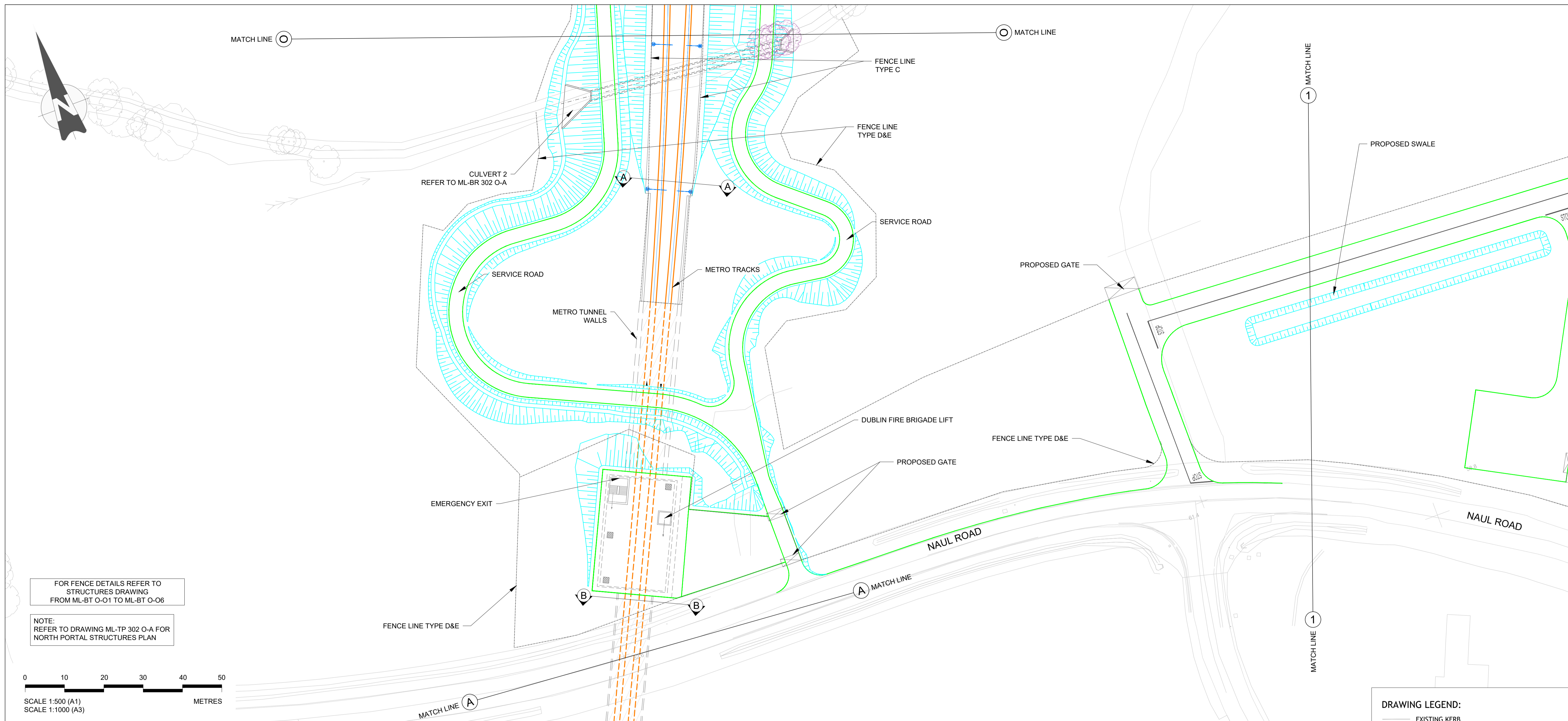
- NOTES:**
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  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	09/07/21	For Railway Order	SS	RS	AS	NC
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB

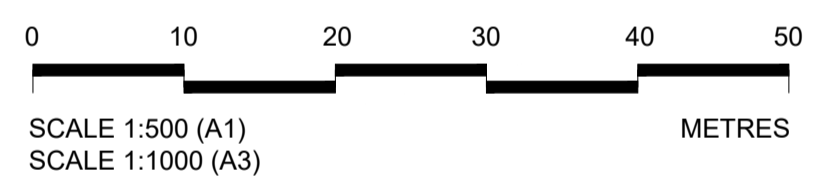
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Client <b>TII</b> <b>NTA</b> Udaráis Náisiúnta Iompar National Transport Authority	Project <b>METROLINK</b>	Drawing Title METROLINK - GENERAL ARRANGEMENT FOSTERSTOWN (SHEET 3 OF 3)	Drawing Status S0
Consultant <b>JACOBS</b> <b>IDOM</b>	Drawing N° ML1-JAI-ARD-ROUT_XX-DR-Y-03028	Plan Drawing N° ML-RO 301 Y-O	Sheet 1 of 1
Scales Original Size A1 AS SHOWN			



FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06

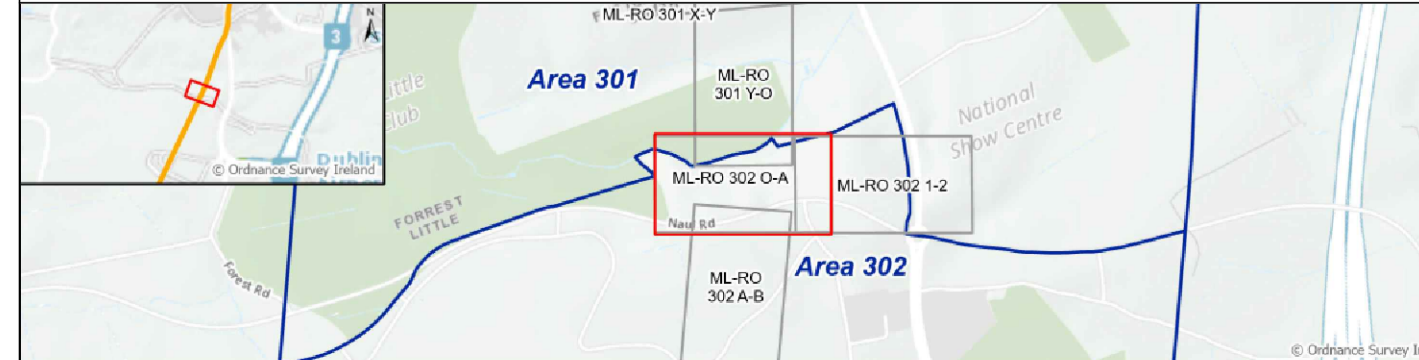
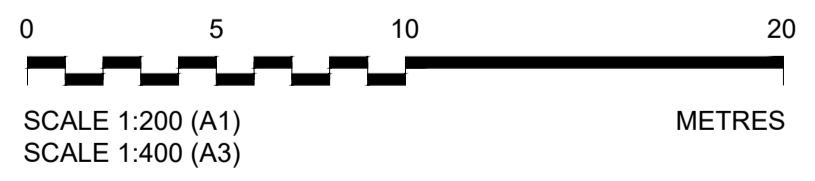
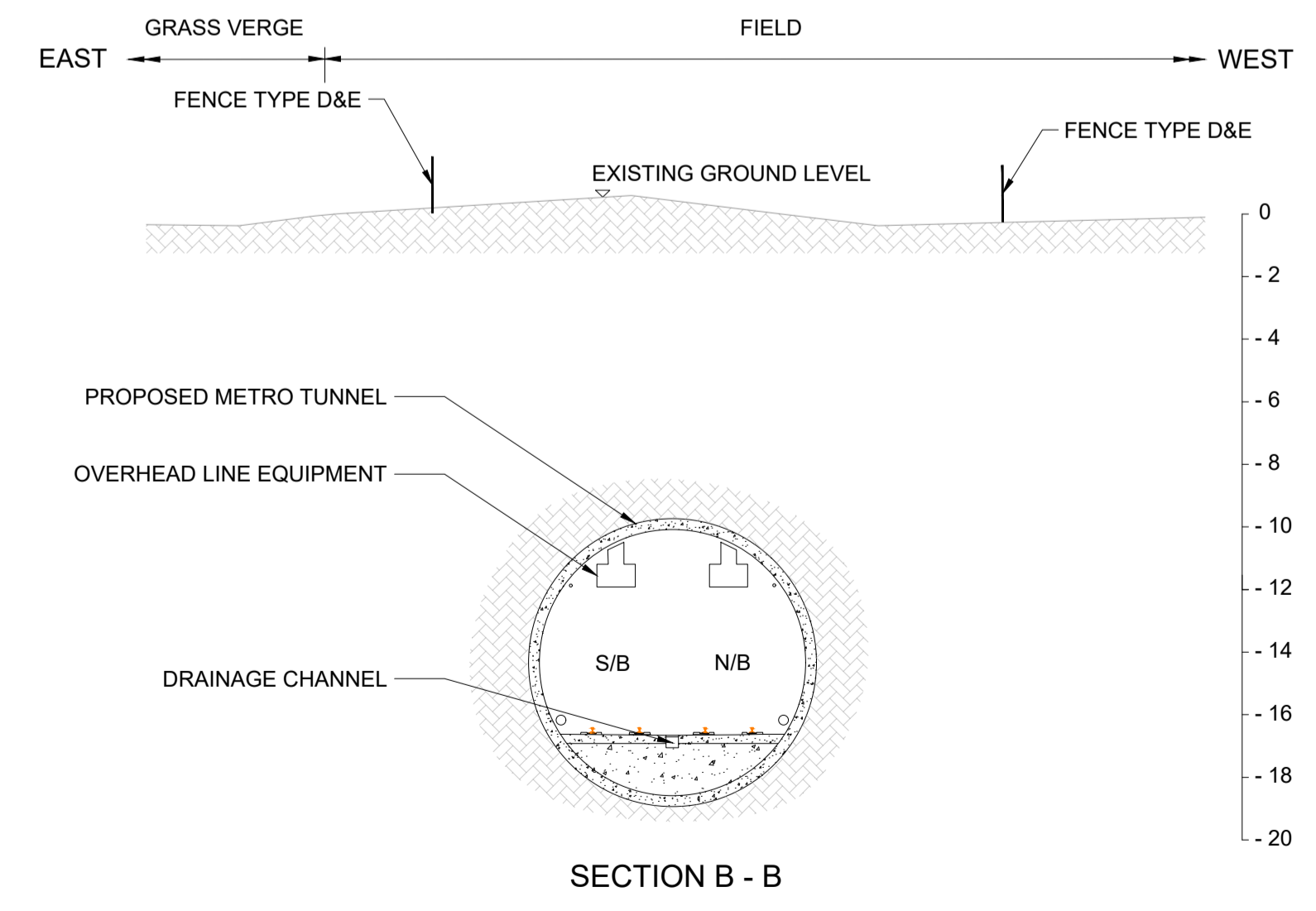
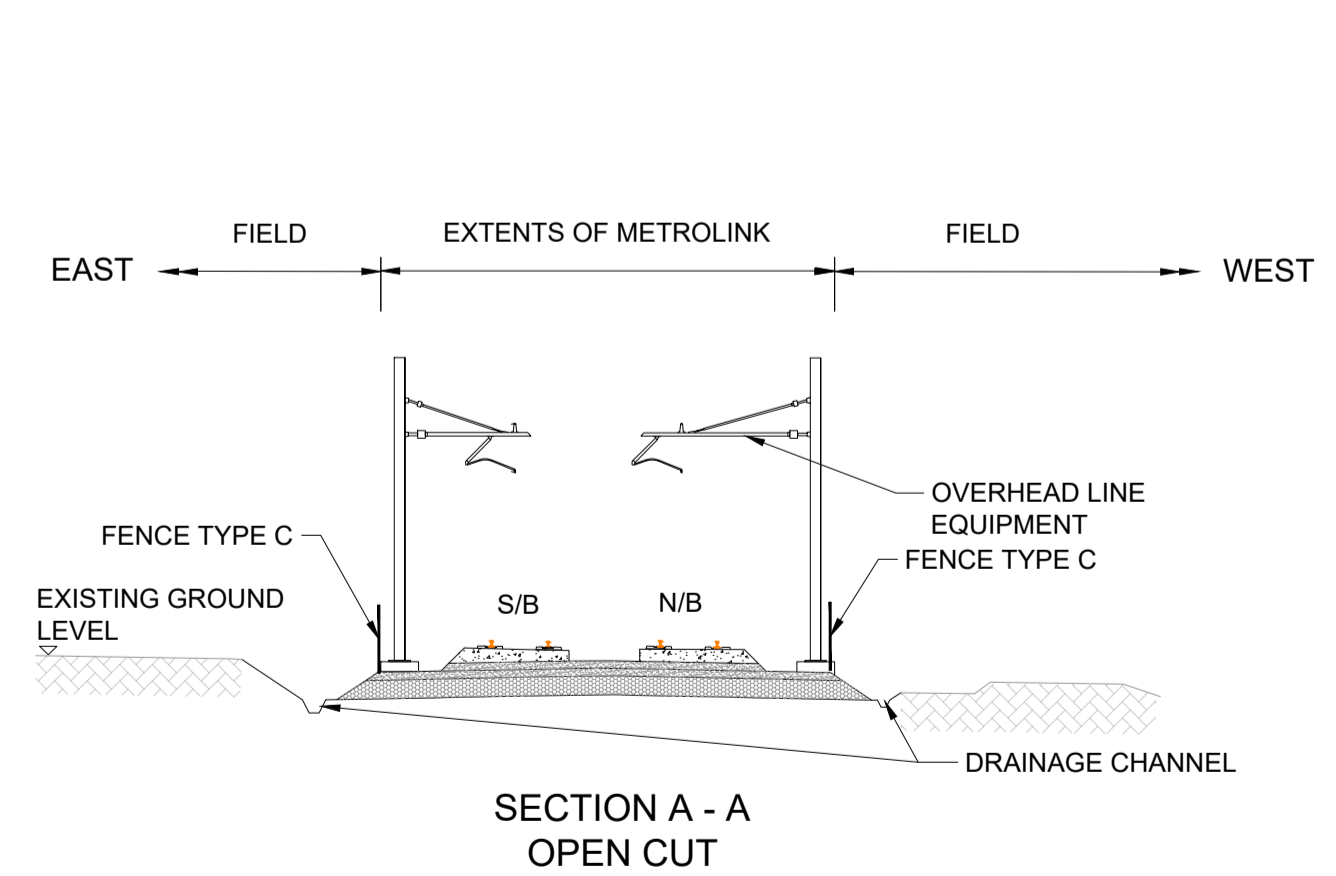
NOTE: REFER TO DRAWING ML-TP 302 O-A FOR NORTH PORTAL STRUCTURES PLAN



**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED
- PROPOSED KERB

- NOTES:**
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



PO1	15/07/21	For Railway Order	SS	RS	RS	NC
PO2	22/11/21	For Railway Order	JR	RS	AS	NC
PO3	20/05/22	For Railway Order	BJ	JR	AS	PB
PO4	17/08/22	For Railway Order	GB	MM	MM	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

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Client

**TII** **NTA**

Udarás Náisiúnta Bompair  
National Transport Authority

Project

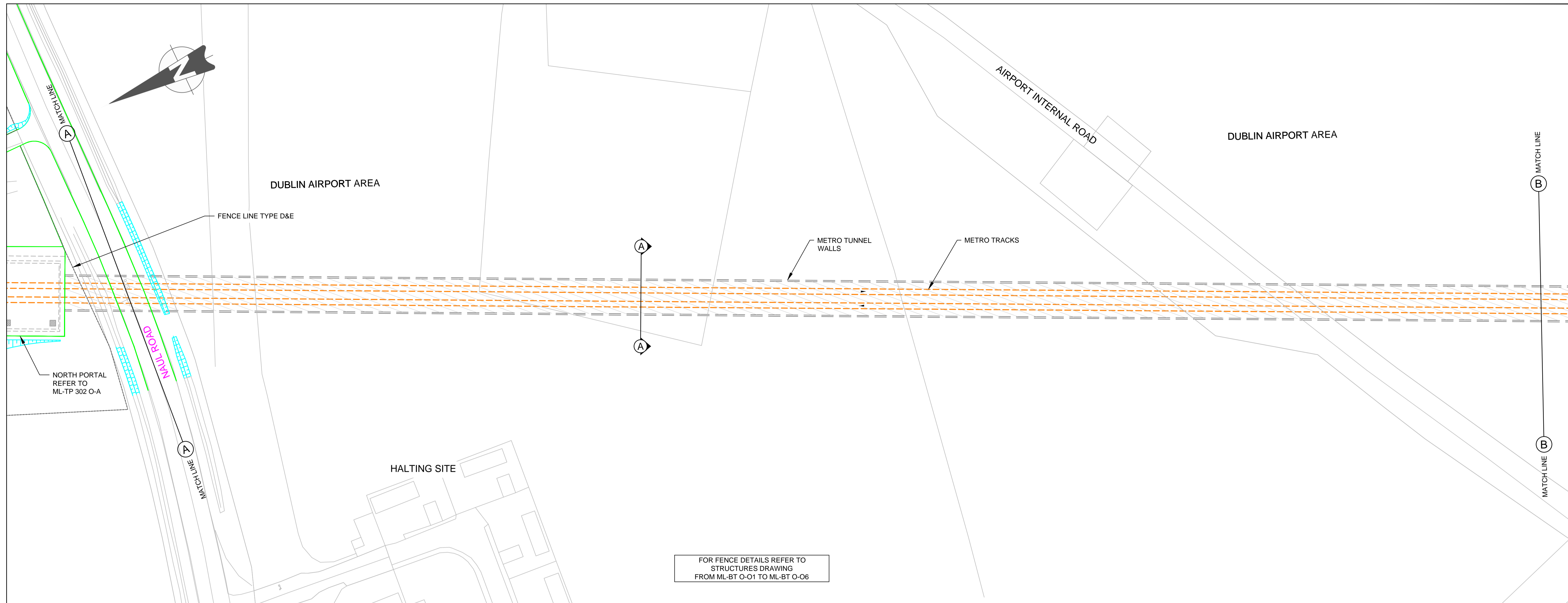
**METROLINK**

Consultant

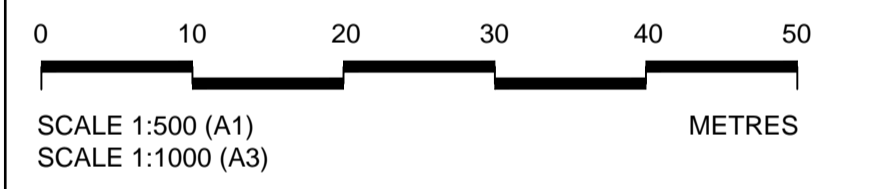
**JACOBS** **IDOM**

Drawing Title	METROLINK - GENERAL ARRANGEMENT NAUL ROAD (SHEET 1 OF 2)	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03029	Plan Drawing N°	ML-RO 302 O-A
Scales Original Size A1	AS SHOWN	Sheet	1 of 1

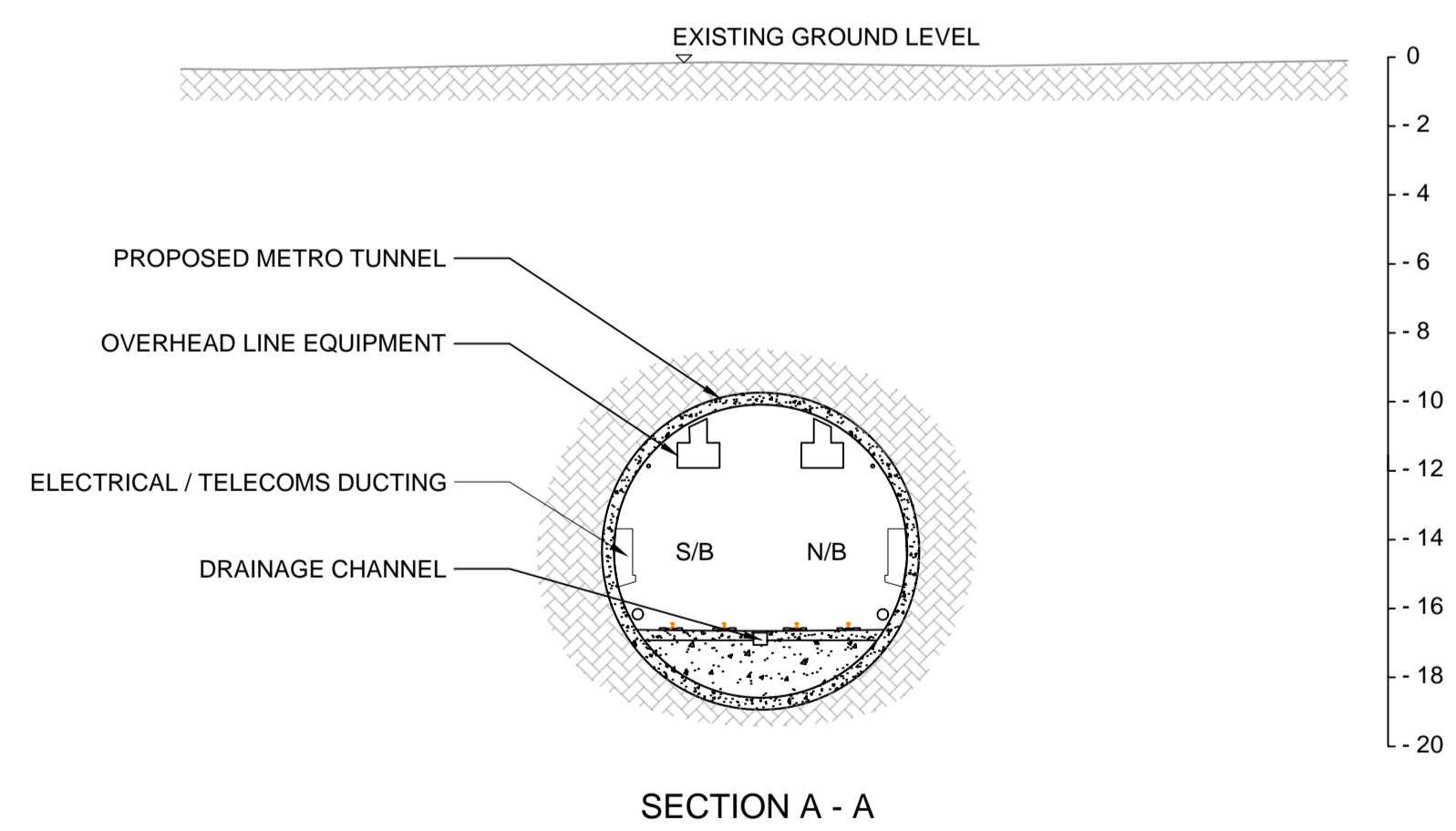




FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06

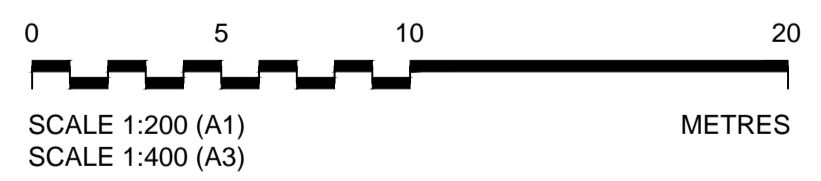


EAST ← DUBLIN AIRPORT AREA → WEST



**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED
- PROPOSED KERB



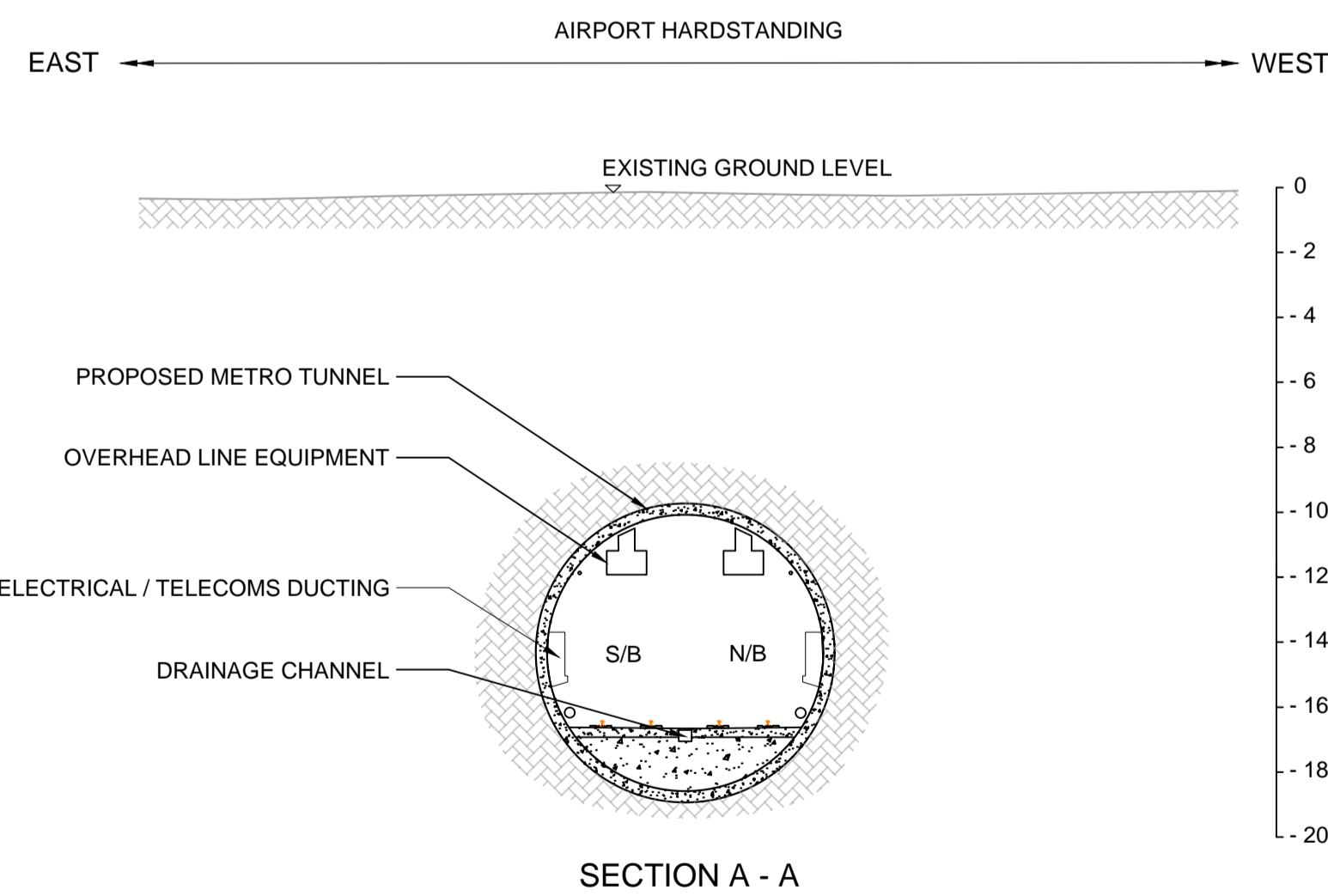
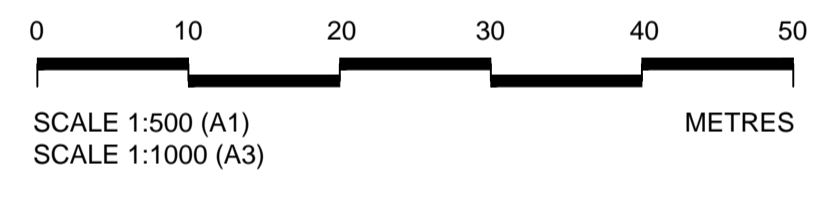
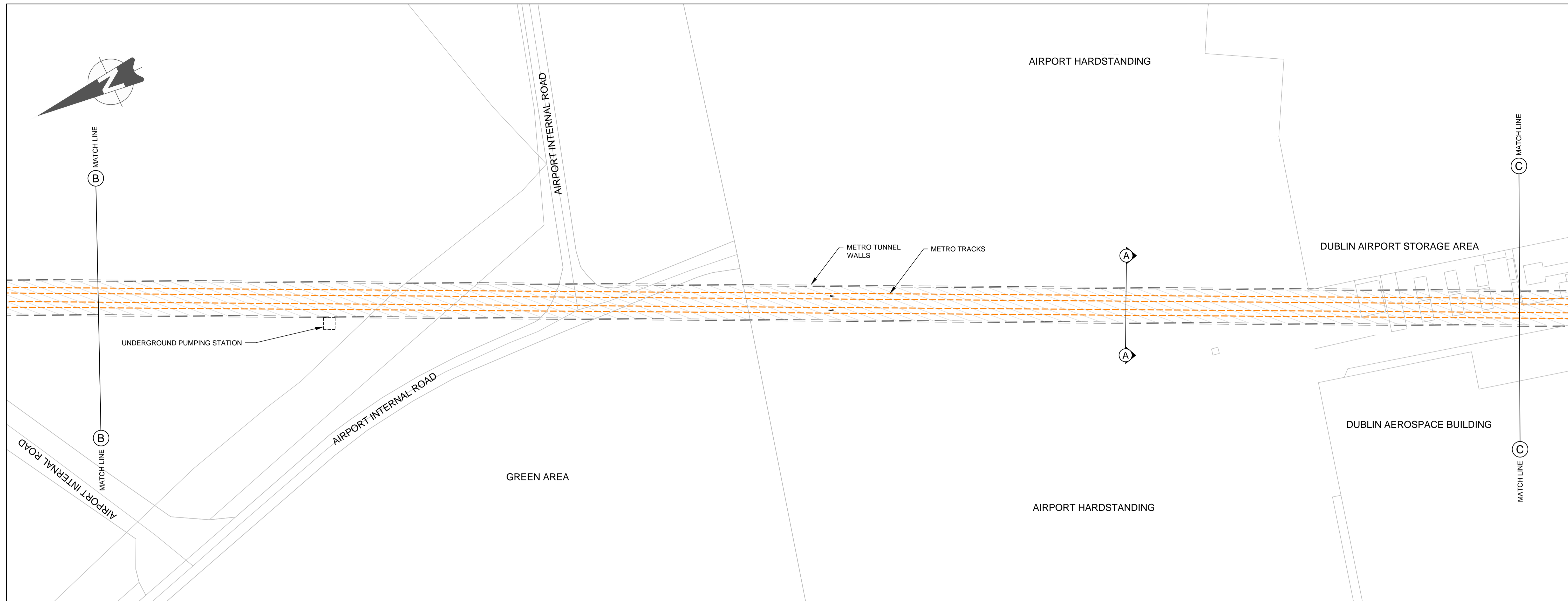
- NOTES:**
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  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	15/07/21	For Railway Order	SS	RS	RS	NC
P02	22/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB

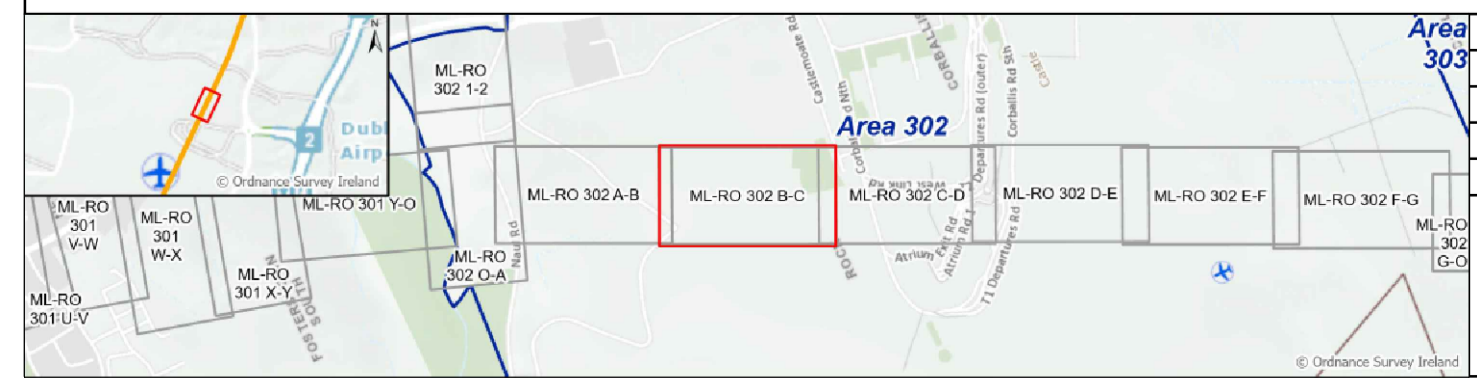
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Client <b>TII</b> <b>NTA</b> Udarás Náisiúnta Bompair National Transport Authority	Project <b>METROLINK</b>	Drawing Title METROLINK - GENERAL ARRANGEMENT NAUL ROAD TO DUBLIN AIRPORT	Drawing Status S0
Consultant <b>JACOBS</b> <b>IDOM</b>	Drawing N° ML1-JAI-ARD-ROUT_XX-DR-Y-03030	Plan Drawing N° ML-RO 302 A-B	Scales Original Size A1 AS SHOWN
		Sheet 1 of 1	



- DRAWING LEGEND:**
- EXISTING KERB
  - PROPOSED EARTHWORK
  - OVERHEAD LINES
  - TRAFFIC FLOW
  - METRO TUNNEL EXTENTS
  - METRO RAIL TRACKS
  - TREES TO BE REMOVED
  - TREES TO BE RETAINED

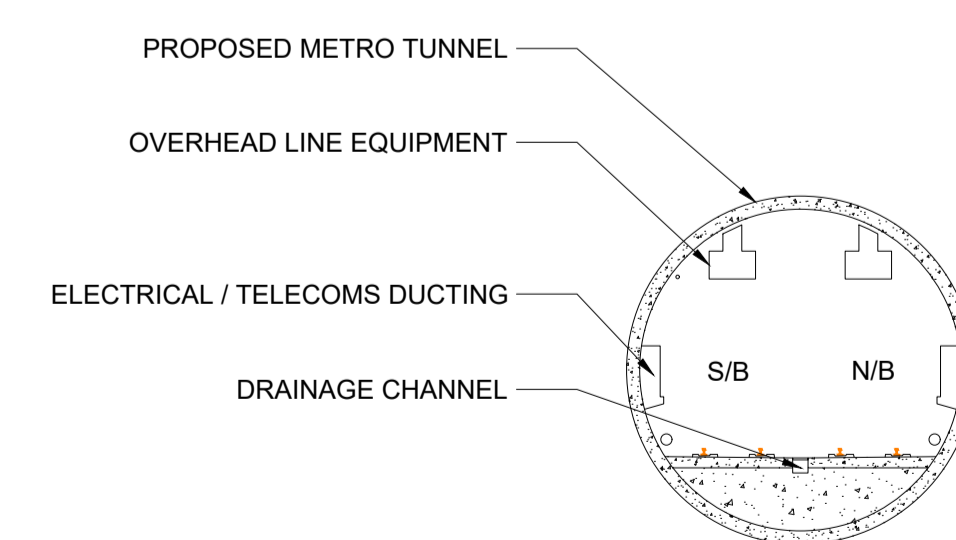
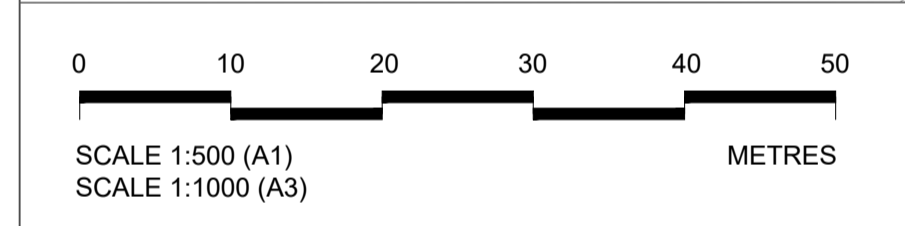
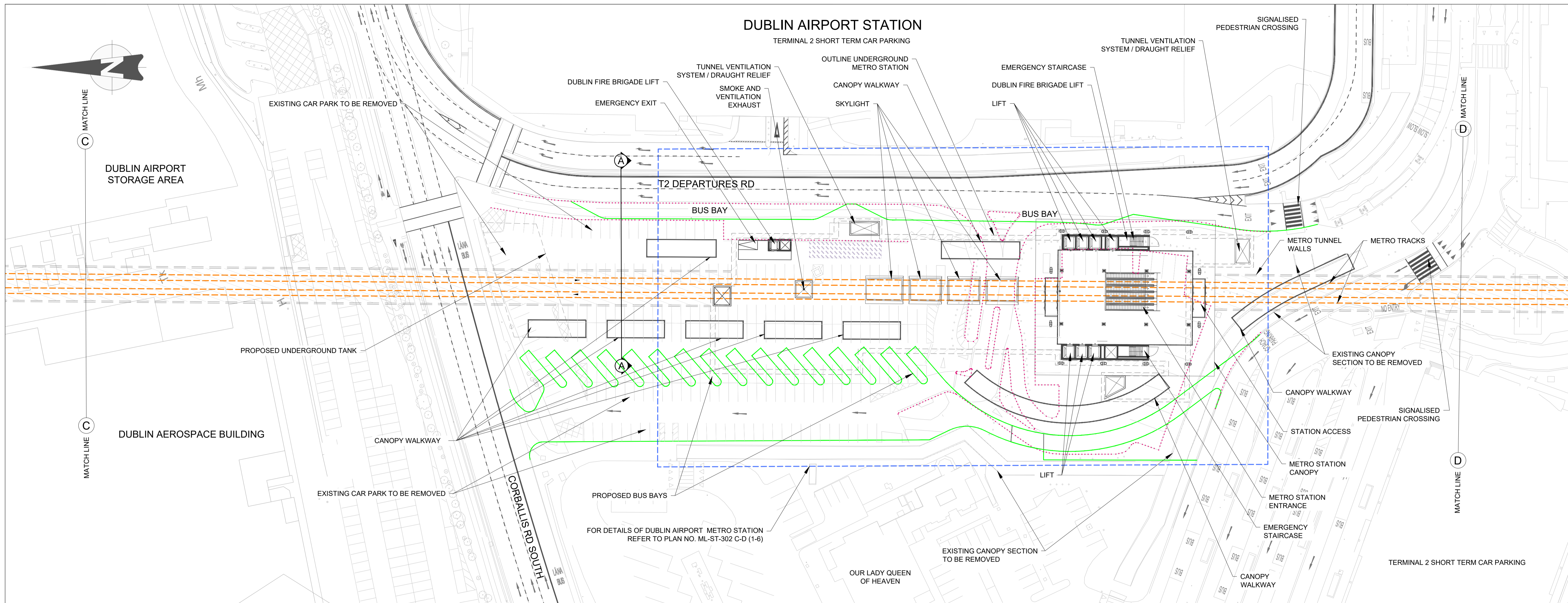
- NOTES:**
1. FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  2. FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  3. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



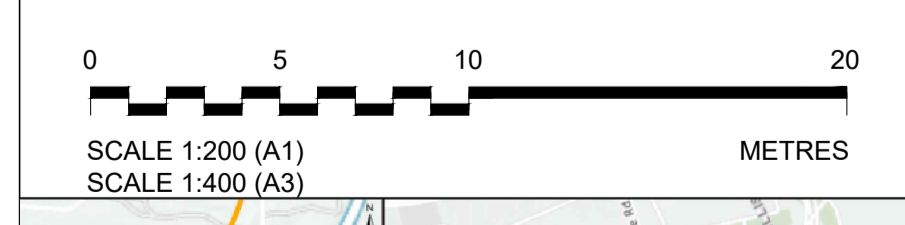
REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	15/07/21	For Railway Order	SS	RS	RS	NC
P02	22/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB

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Client <b>TII</b> <b>NTA</b> Udarás Náisiúnta Iompartha National Transport Authority	Project <b>METROLINK</b>	Drawing Title METROLINK - GENERAL ARRANGEMENT DUBLIN AIRPORT (SHEET 1 OF 5)	Drawing Status S0
Consultant <b>JACOBS</b> <b>IDOM</b>	Drawing N° ML1-JAI-ARD-ROUT_XX-DR-Y-03031	Plan Drawing N° ML-RO 302 B-C	Scales Original Size A1 AS SHOWN
		Sheet 1 of 1	



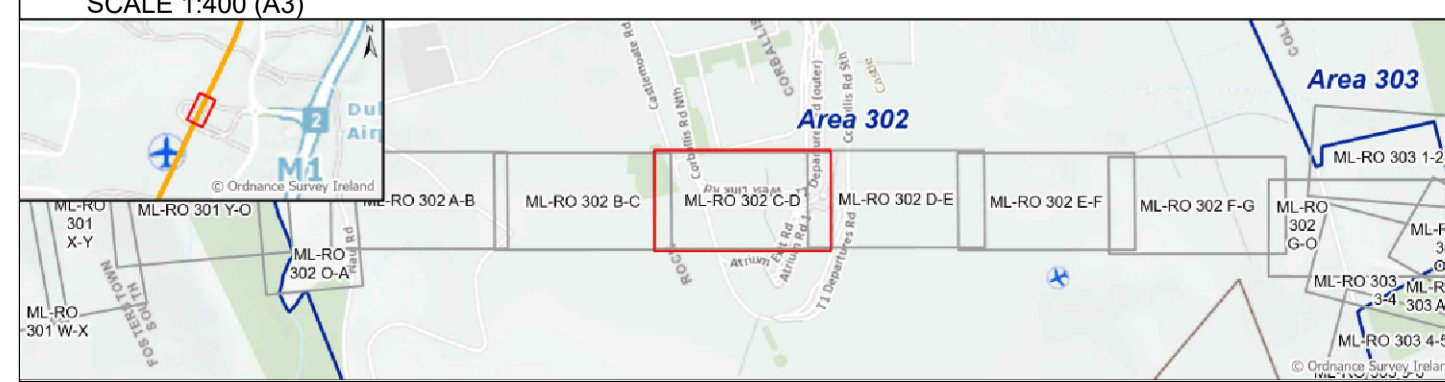
SECTION A - A



**DRAWING LEGEND:**

- EXISTING KERB
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- EXISTING WALL TO BE REMOVED
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- PROPOSED CAR PARKING
- PROPOSED BICYCLE PARKING (72 SPACES)
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- TREES TO BE REMOVED
- TREES TO BE RETAINED

- NOTES:**
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  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	27/07/21	For Railway Order	RS	RS	RS	NC
P02	22/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
P04	16/08/22	For Railway Order	GB	MM	MM	PB

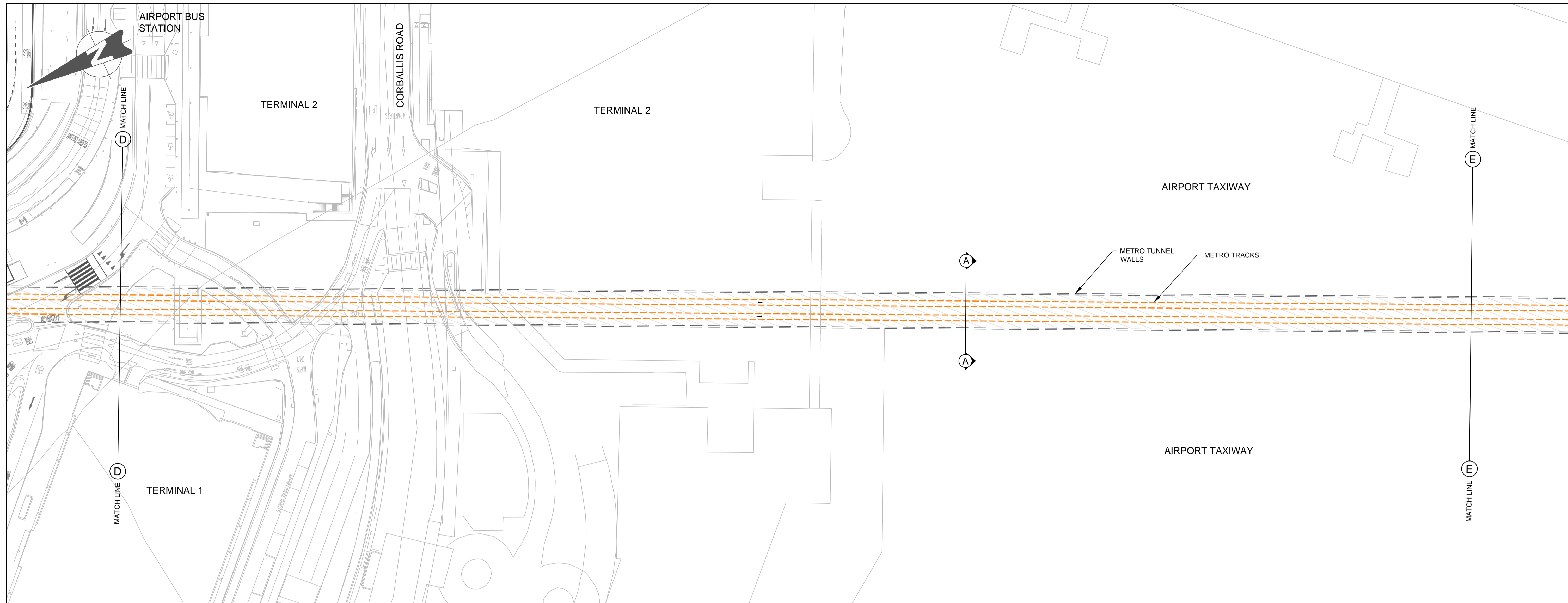
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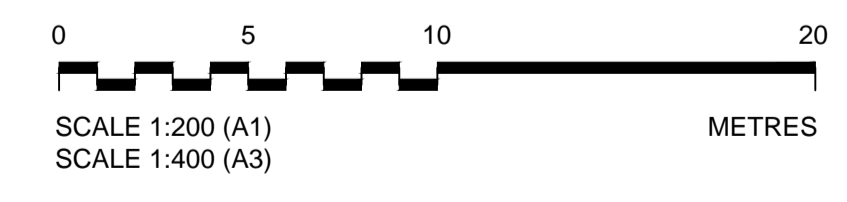
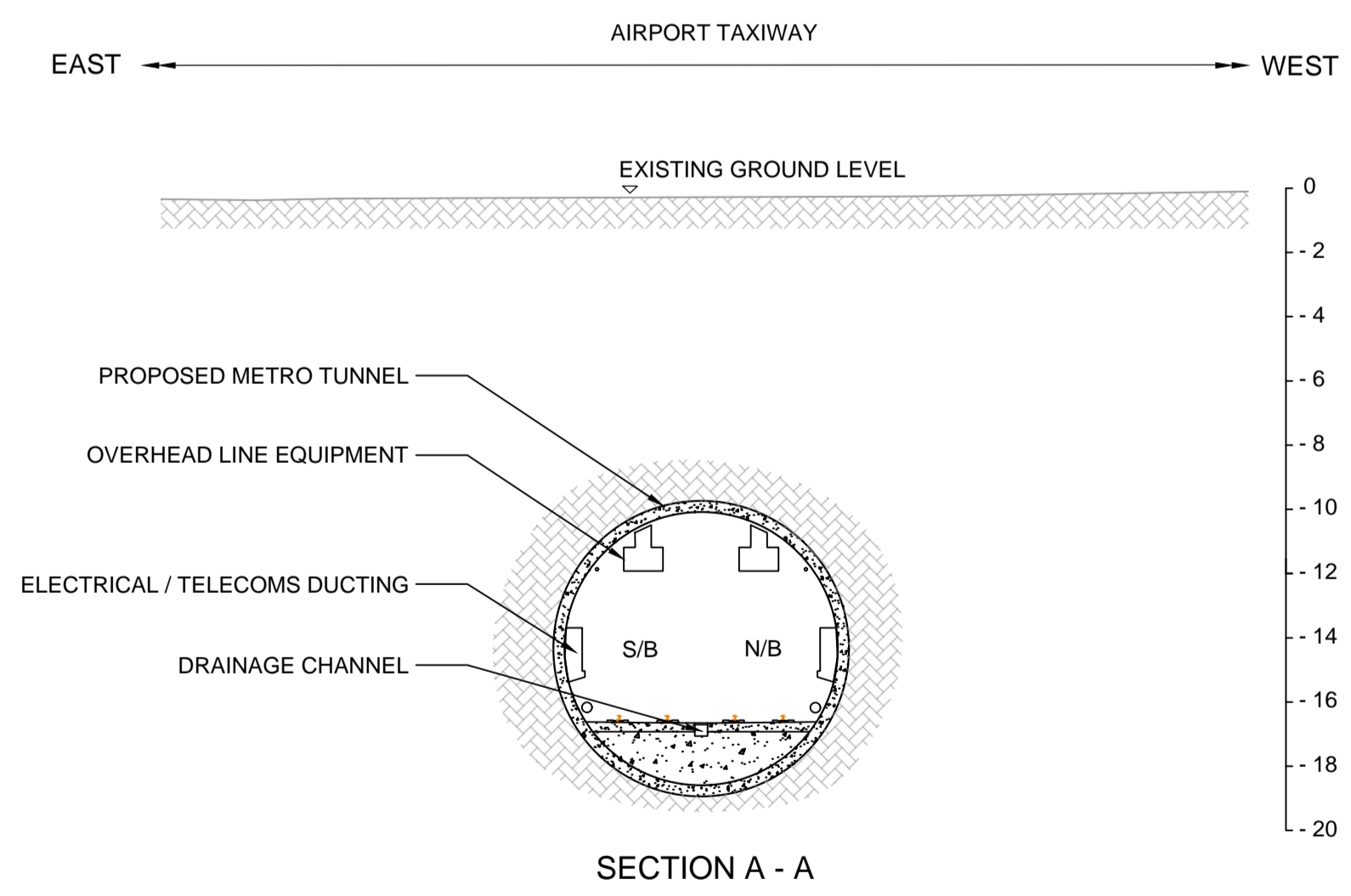
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLG).

Client	TII NTA	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT DUBLIN AIRPORT (SHEET 2 OF 5)	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03032	Plan Drawing N°	ML-RO 302 C-D	Sheet 1 of 1	
Scales Original Size A1 AS SHOWN							

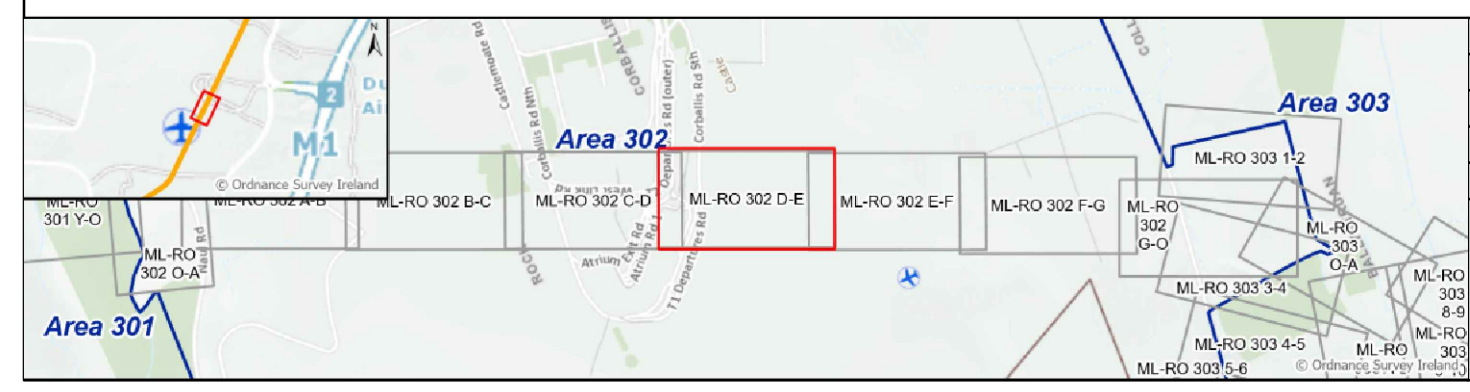


**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED



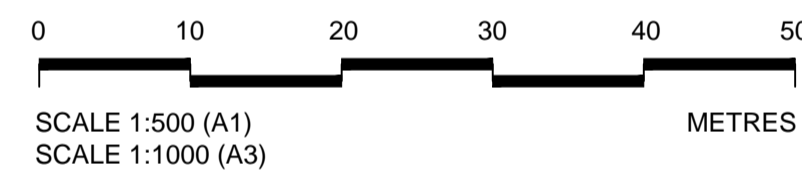
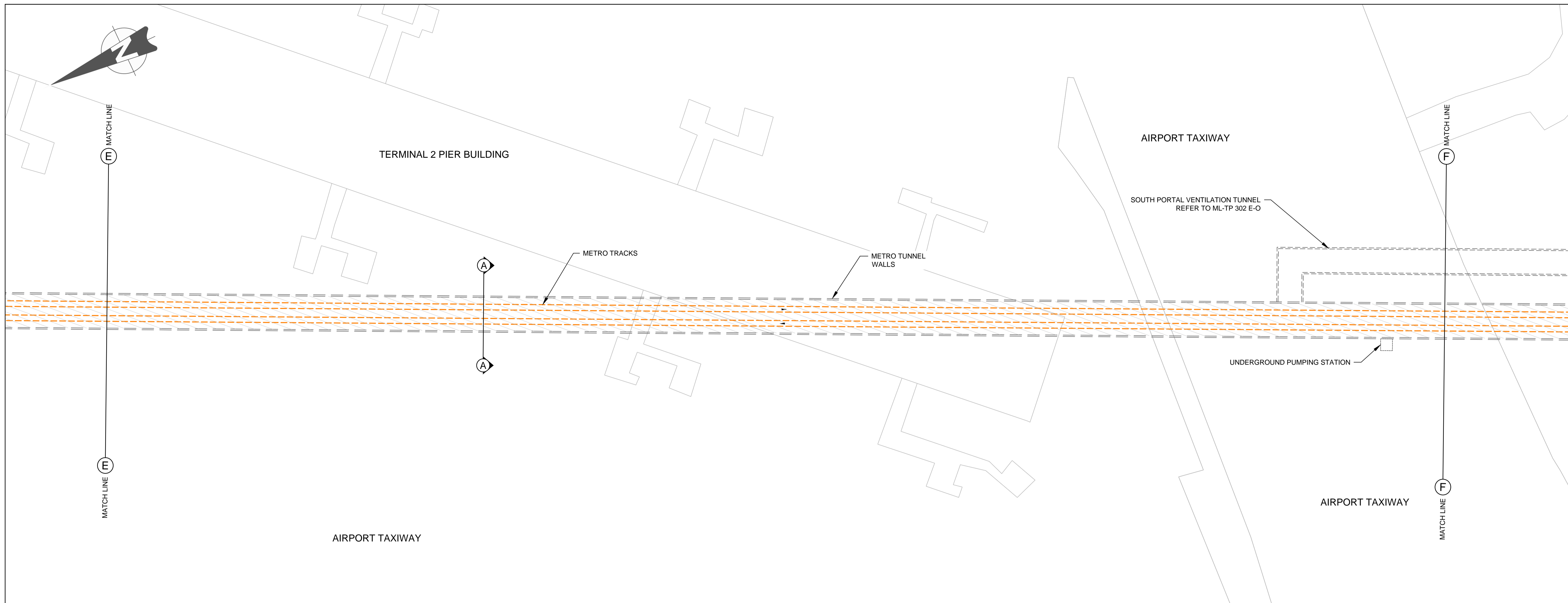
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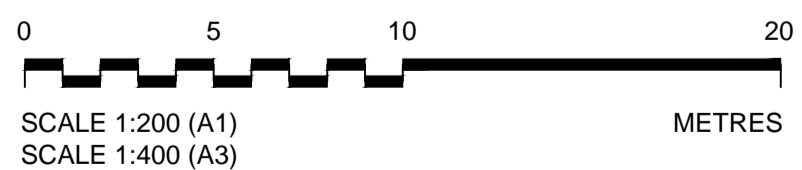
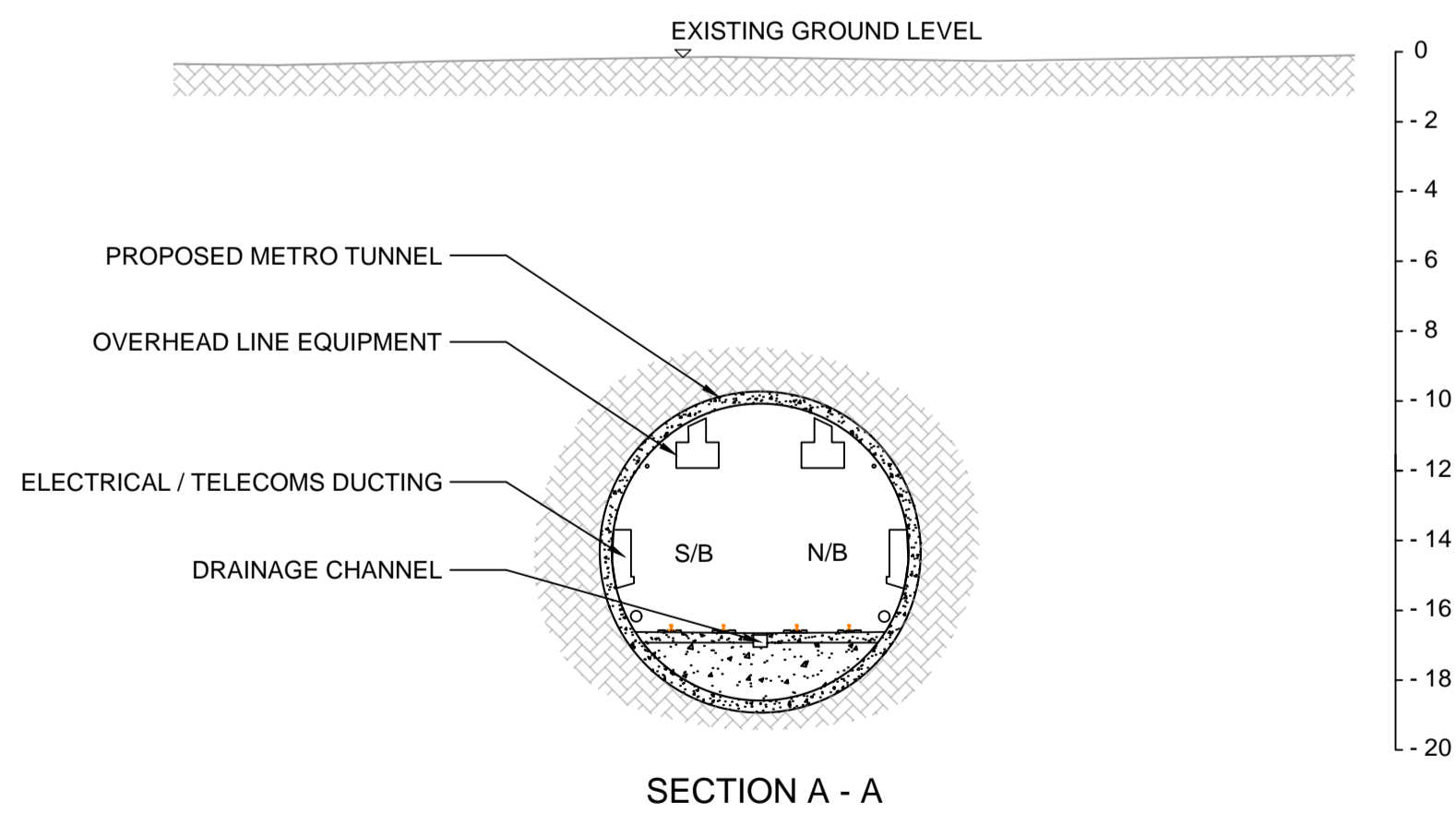
REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	15/07/21	For Railway Order	AG	RS	RS	NC
P02	22/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB

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Client 	Project <b>METROLINK</b>	Drawing Title METROLINK - GENERAL ARRANGEMENT DUBLIN AIRPORT (SHEET 3 OF 5)	Drawing Status S0
Consultant <b>JACOBS</b> <b>IDOM</b>	Drawing N° ML1-JAI-ARD-ROUT_XX-DR-Y-03033	Plan Drawing N° ML-RO 302 D-E	Scales Original Size A1 AS SHOWN
		Sheet 1 of 1	



EAST ← AIRPORT TAXIWAY → WEST



**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED

- NOTES:**
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



P01	15/07/21	For Railway Order	AG	RS	RS	NC
P02	22/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

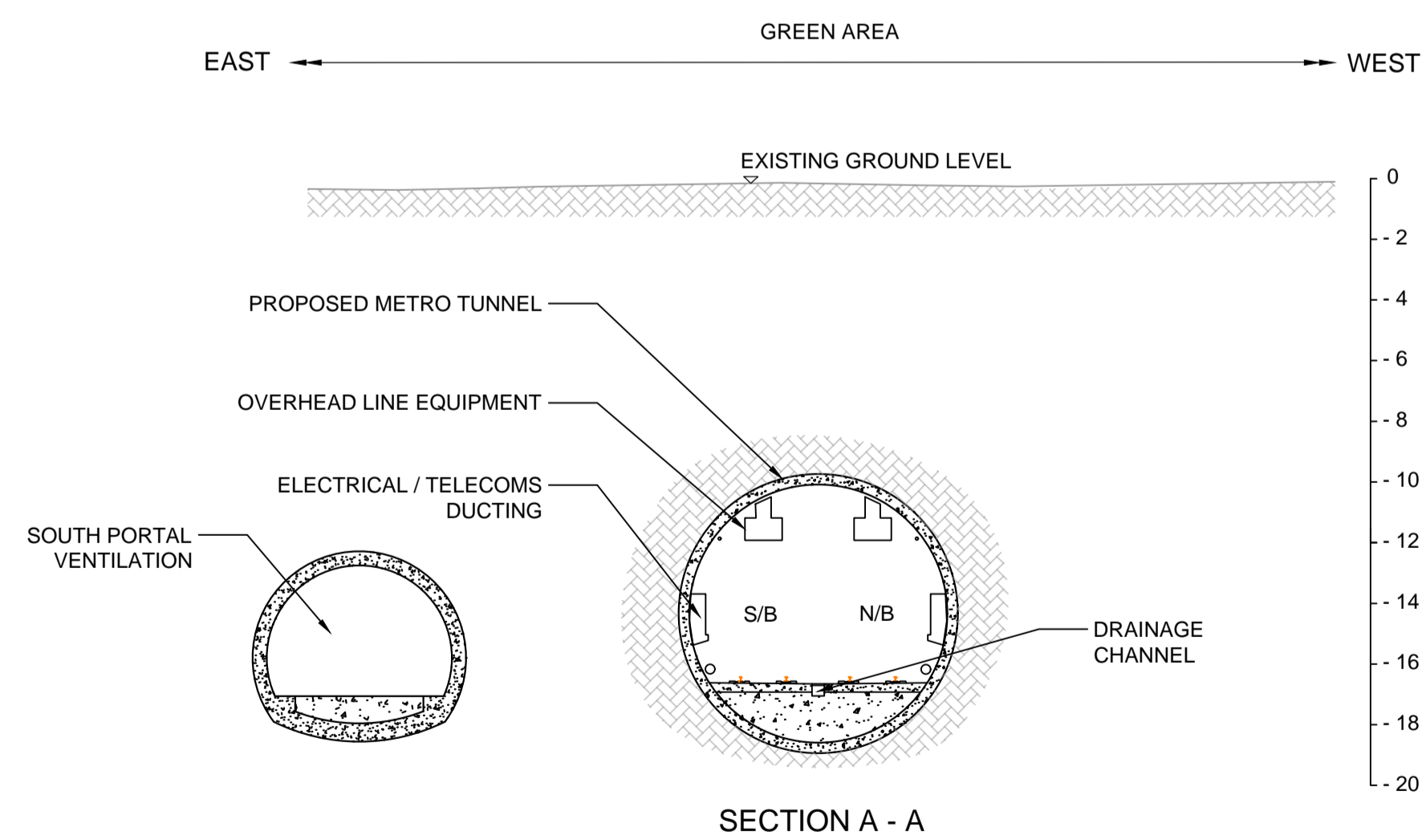
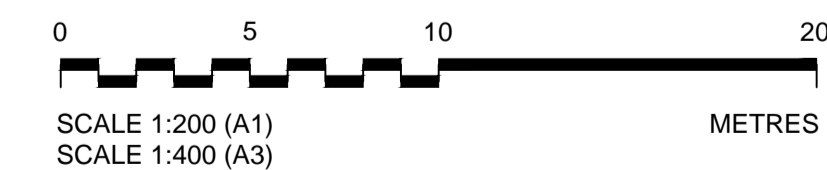
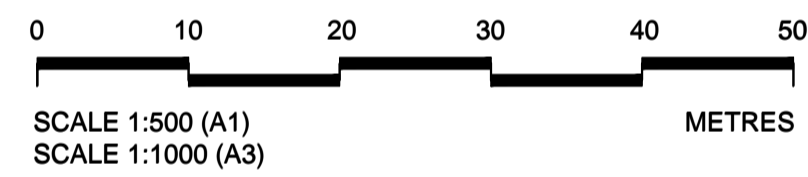
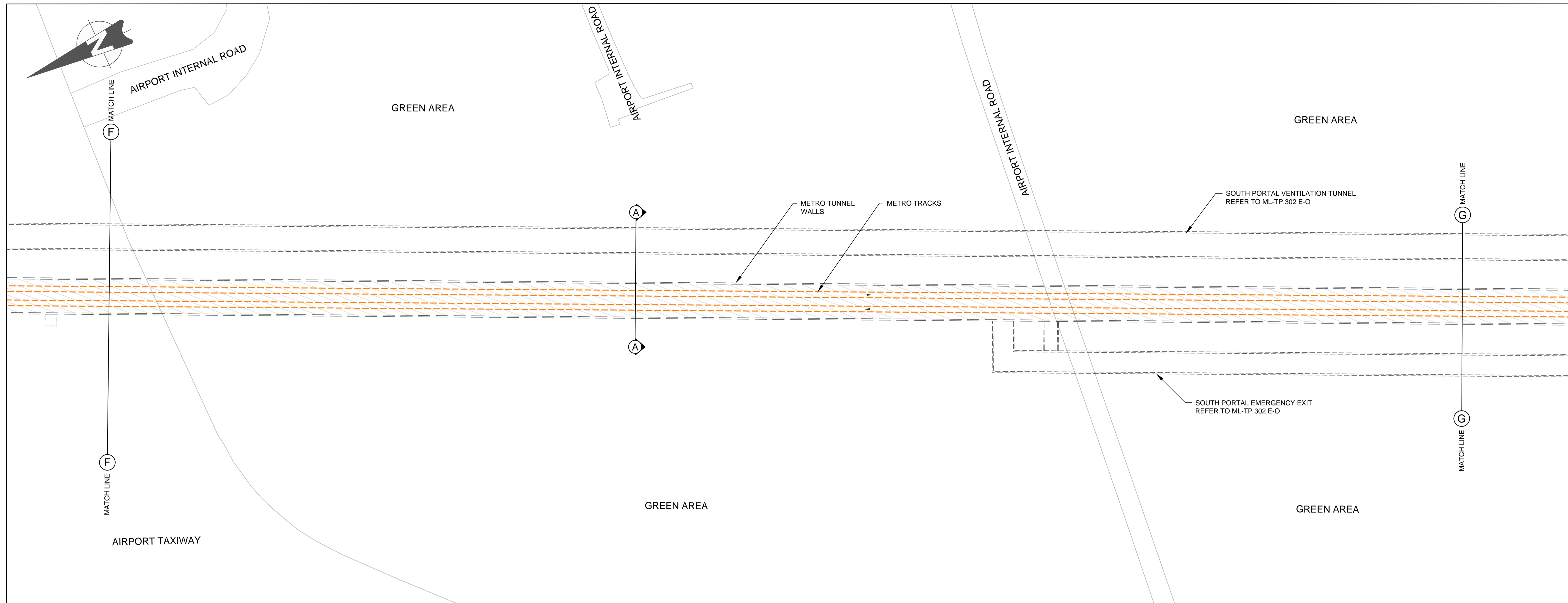
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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLG).

Client: **TII** **NTA**  
 Udarás Náisiúnta Iompair  
 National Transport Authority

Project: **METROLINK**

Consultant: **JACOBS** **IDOM**

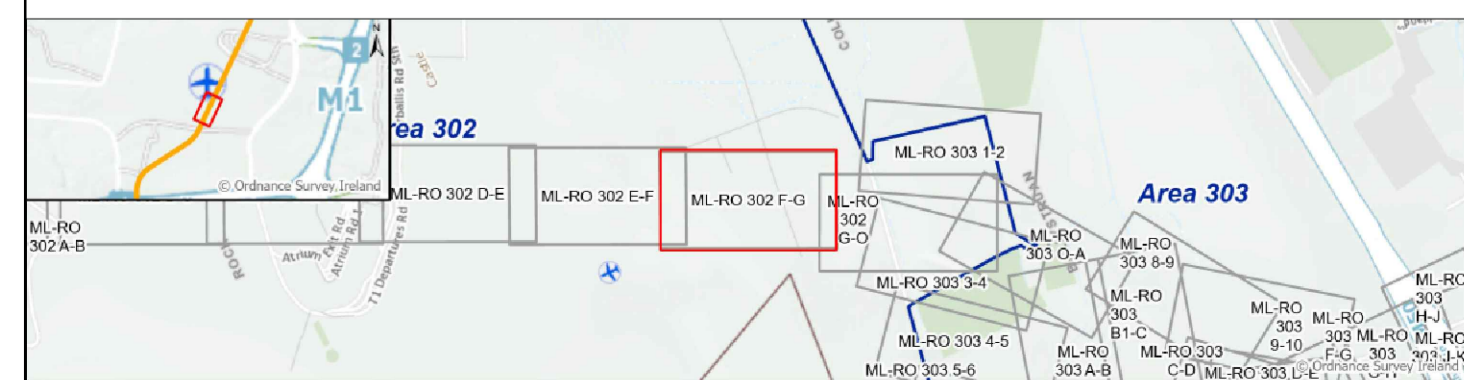
Drawing Title	METROLINK - GENERAL ARRANGEMENT DUBLIN AIRPORT (SHEET 4 OF 5)		Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03034	Plan Drawing N°	ML-RO 302 E-F	
Scales	Original Size A1 AS SHOWN	Sheet 1 of 1		



**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED

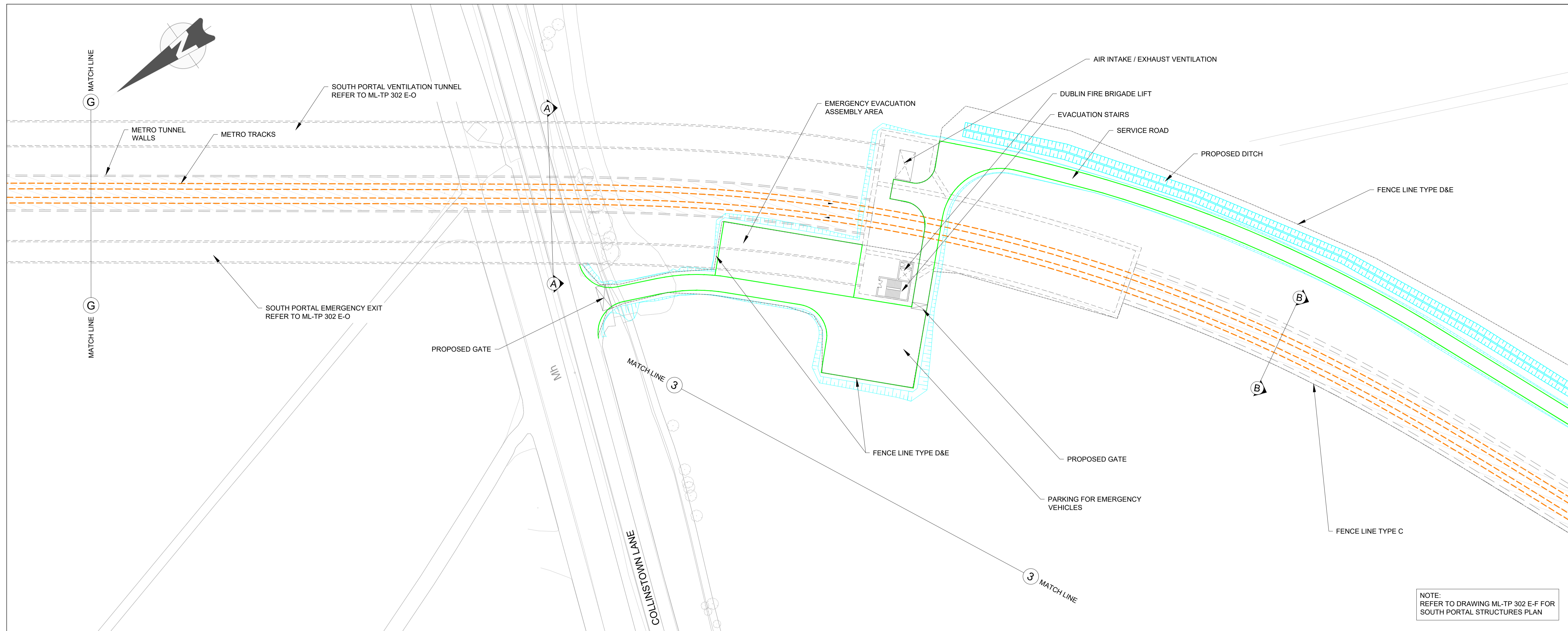
- NOTES:**
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



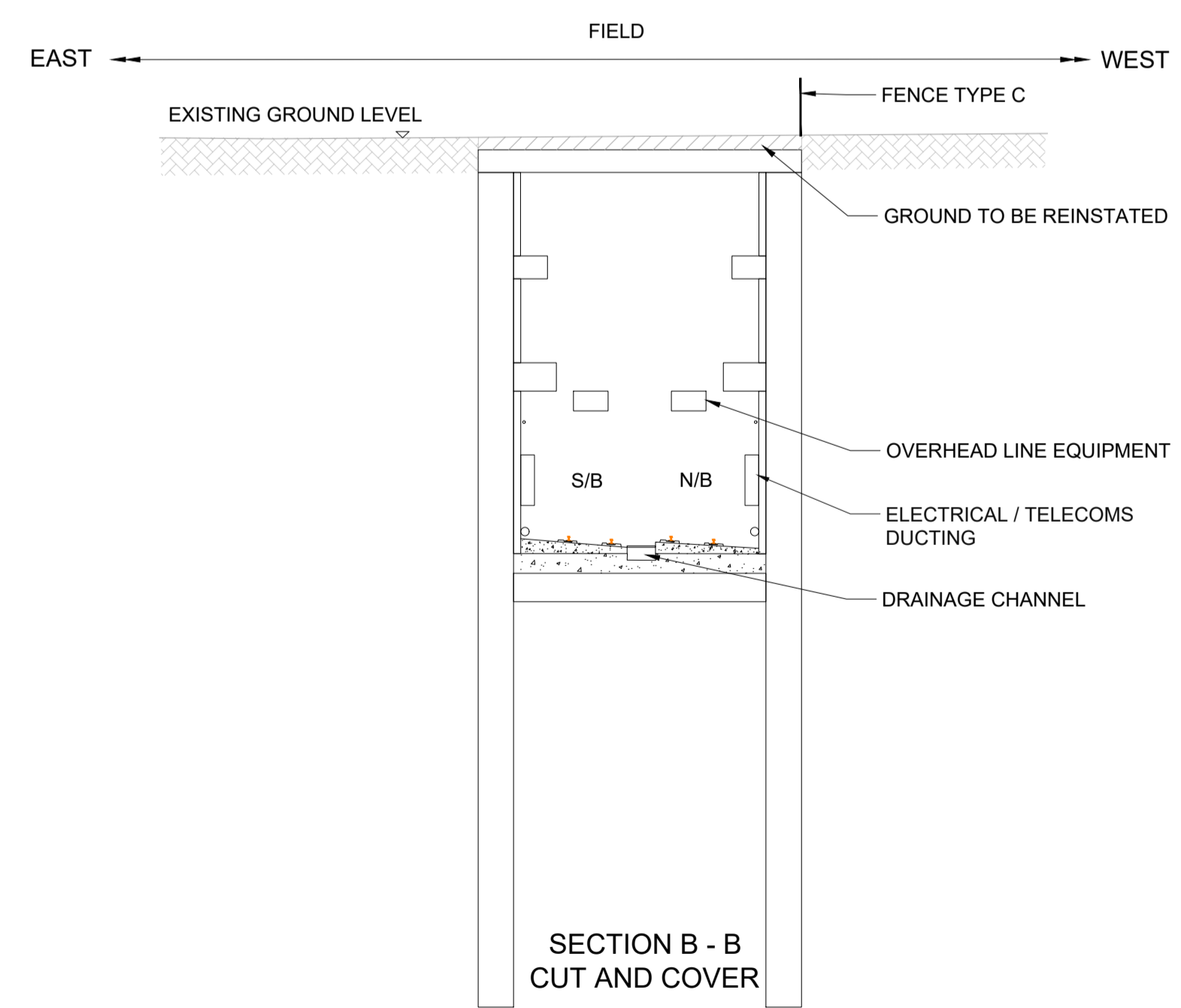
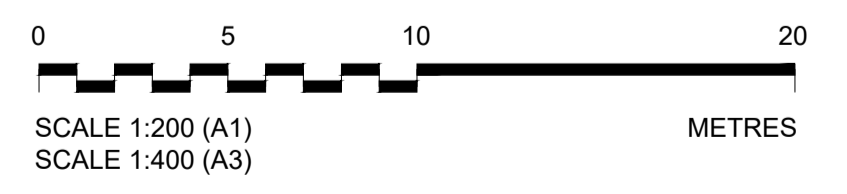
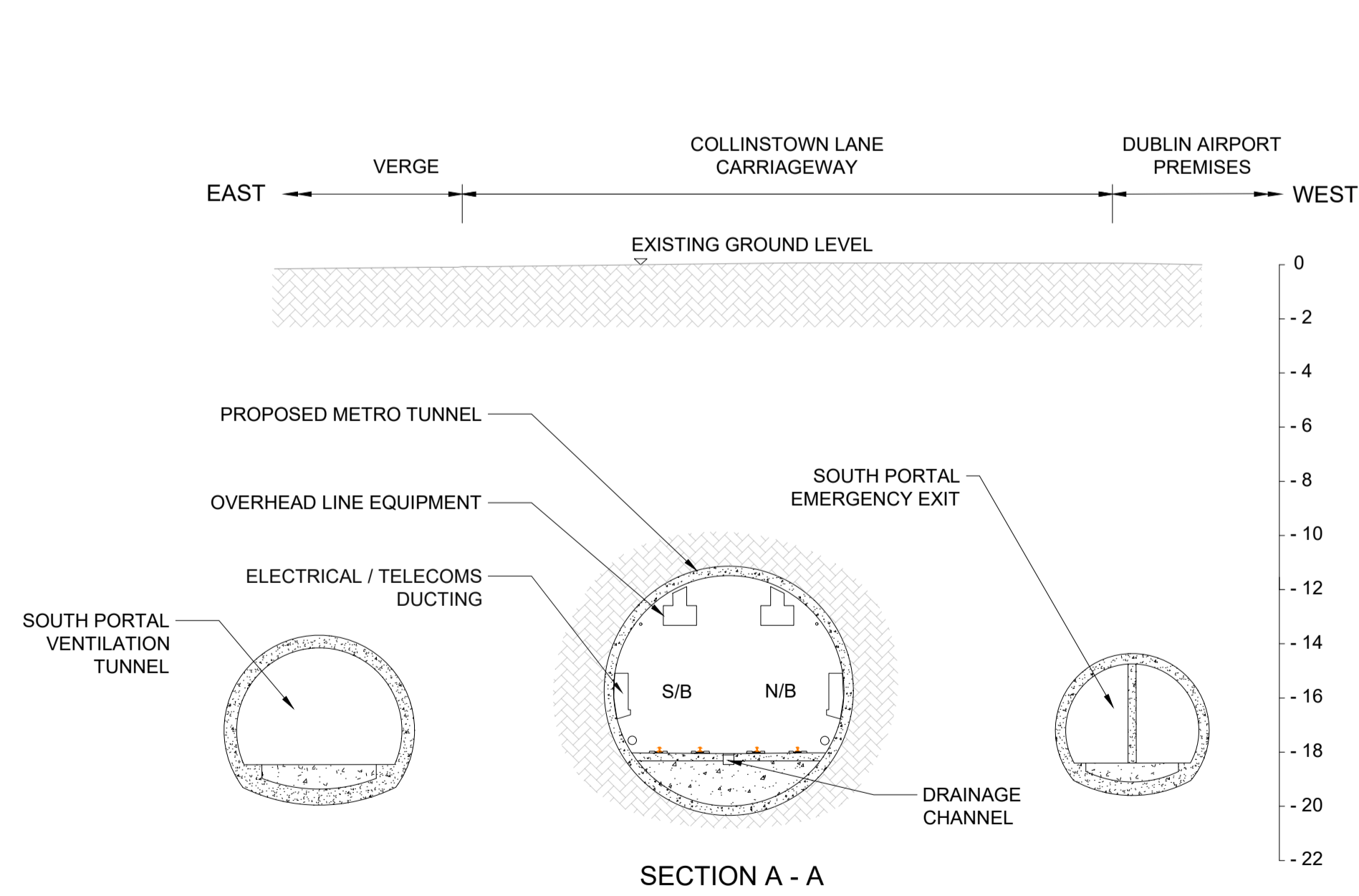
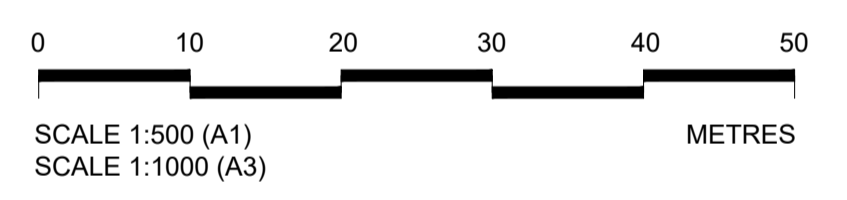
REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	15/07/21	For Railway Order	SS	RS	RS	NC
P02	22/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB

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Client	TII NTA Udarás Náisiúna Bompair National Transport Authority	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT DUBLIN AIRPORT (SHEET 5 OF 5)	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03035	Plan Drawing N°	ML-RO 302 F-G	Scales Original Size A1 AS SHOWN	
						Sheet	1 of 1



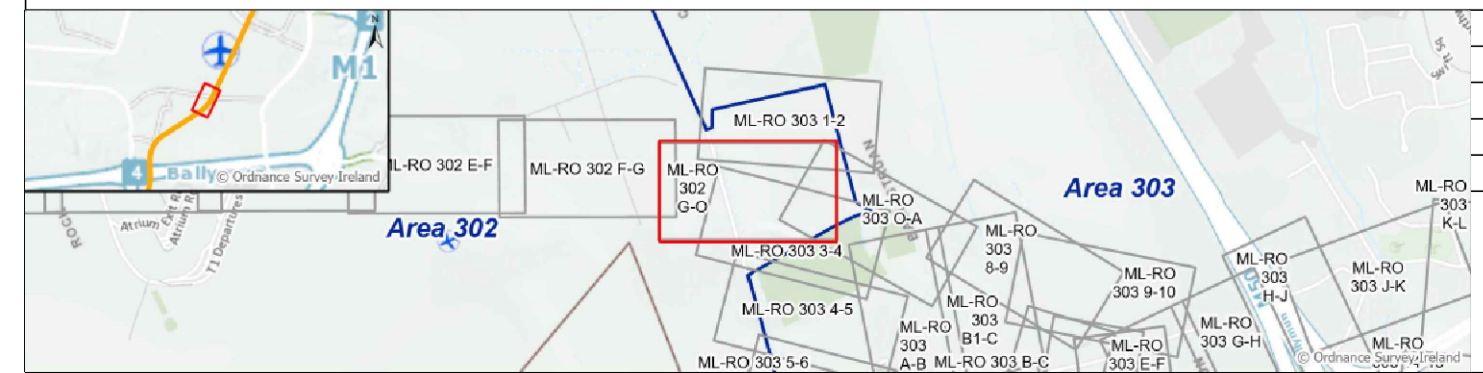
NOTE: REFER TO DRAWING ML-TP 302 E-F FOR SOUTH PORTAL STRUCTURES PLAN



**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED
- PROPOSED KERB

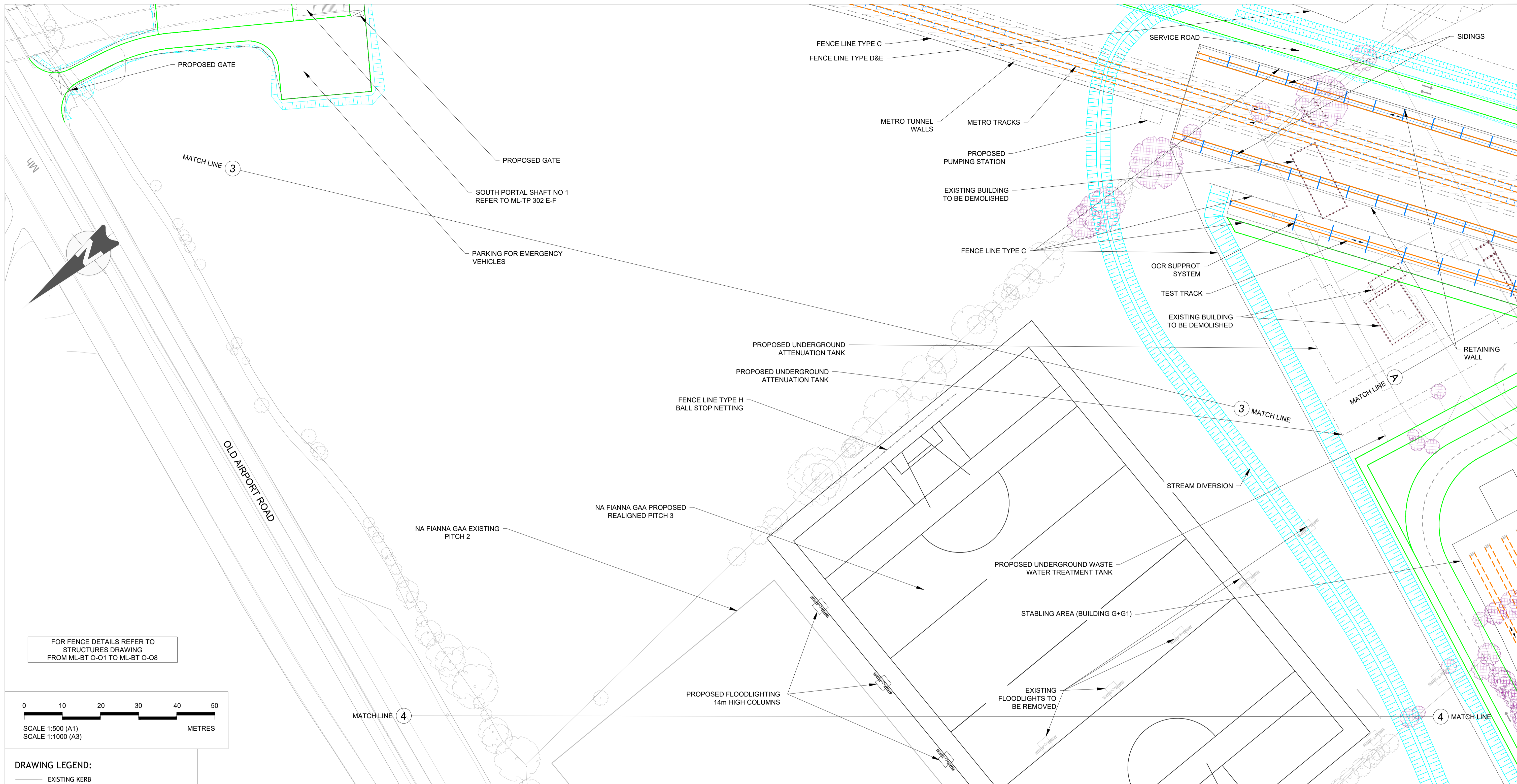
- NOTES:**
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



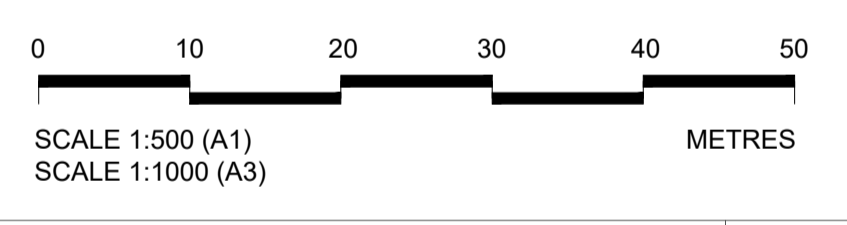
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	15/07/21	For Railway Order	SS	RS	RS	NC
P02	22/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
P04	16/08/22	For Railway Order	GB	MM	MM	PB

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Client <b>TII</b> <b>NTA</b>	Project <b>METROLINK</b>	Drawing Title METROLINK - GENERAL ARRANGEMENT BALLYSTRAUN (SHEET 1 OF 7)	Drawing Status S0
Consultant <b>JACOBS</b> <b>IDOM</b>	Drawing N° ML1-JAI-ARD-ROUT_XX-DR-Y-03036	Plan Drawing N° ML-RO 302 G-O	Sheet 1 of 1
Scales Original Size A1 AS SHOWN			

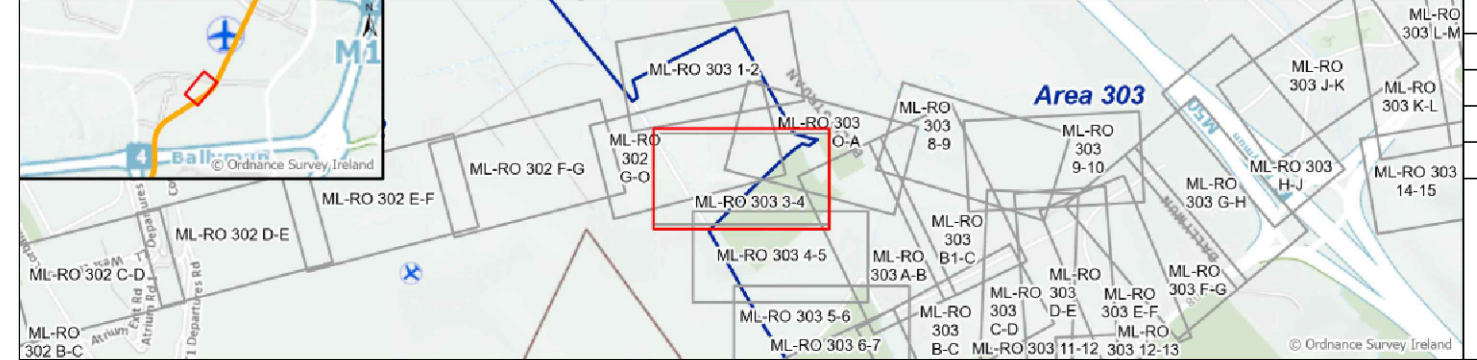


FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-08



- DRAWING LEGEND:**
- EXISTING KERB
  - PROPOSED EARTHWORK
  - OVERHEAD LINES
  - TRAFFIC FLOW
  - METRO TUNNEL EXTENTS
  - METRO RAIL TRACKS
  - TREES TO BE REMOVED
  - TREES TO BE RETAINED
  - PROPOSED KERB

- NOTES:**
1. FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  2. FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  3. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)

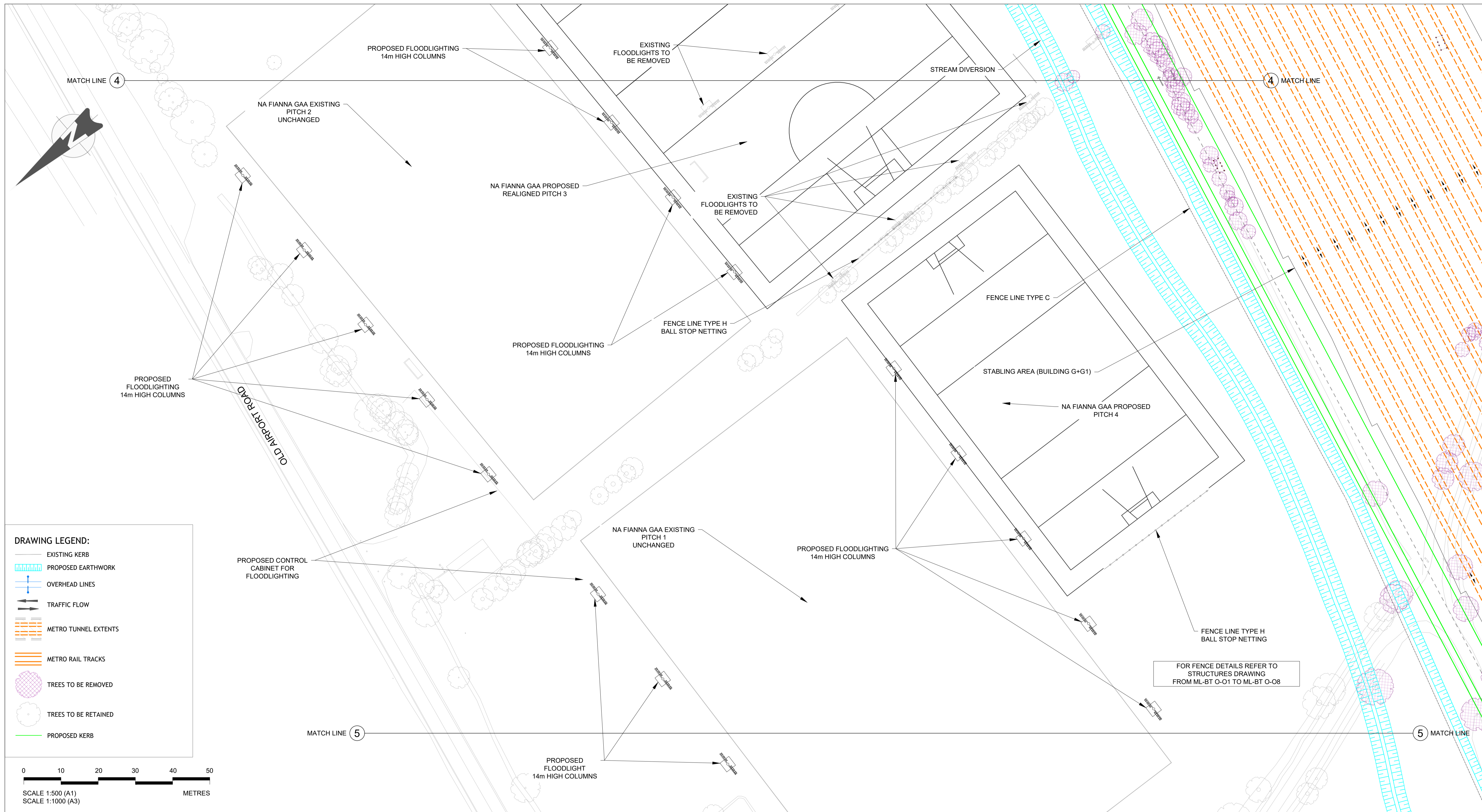


P01	23/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Station	JR	RS	AS	NC
P03	16/08/22	For Railway Order	GB	MM	MM	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

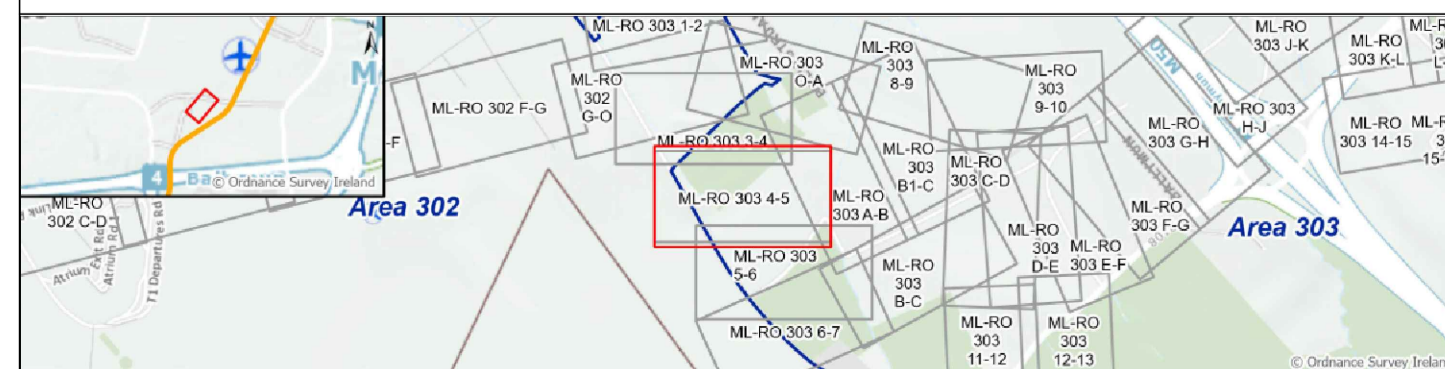
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Client	TII NTA	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT BALLYSTRAUN (SHEET 3 OF 7)	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03038	Plan Drawing N°	ML-RO 303 3-4	Sheet 1 of 1	
		Scales Original Size A1	AS SHOWN				





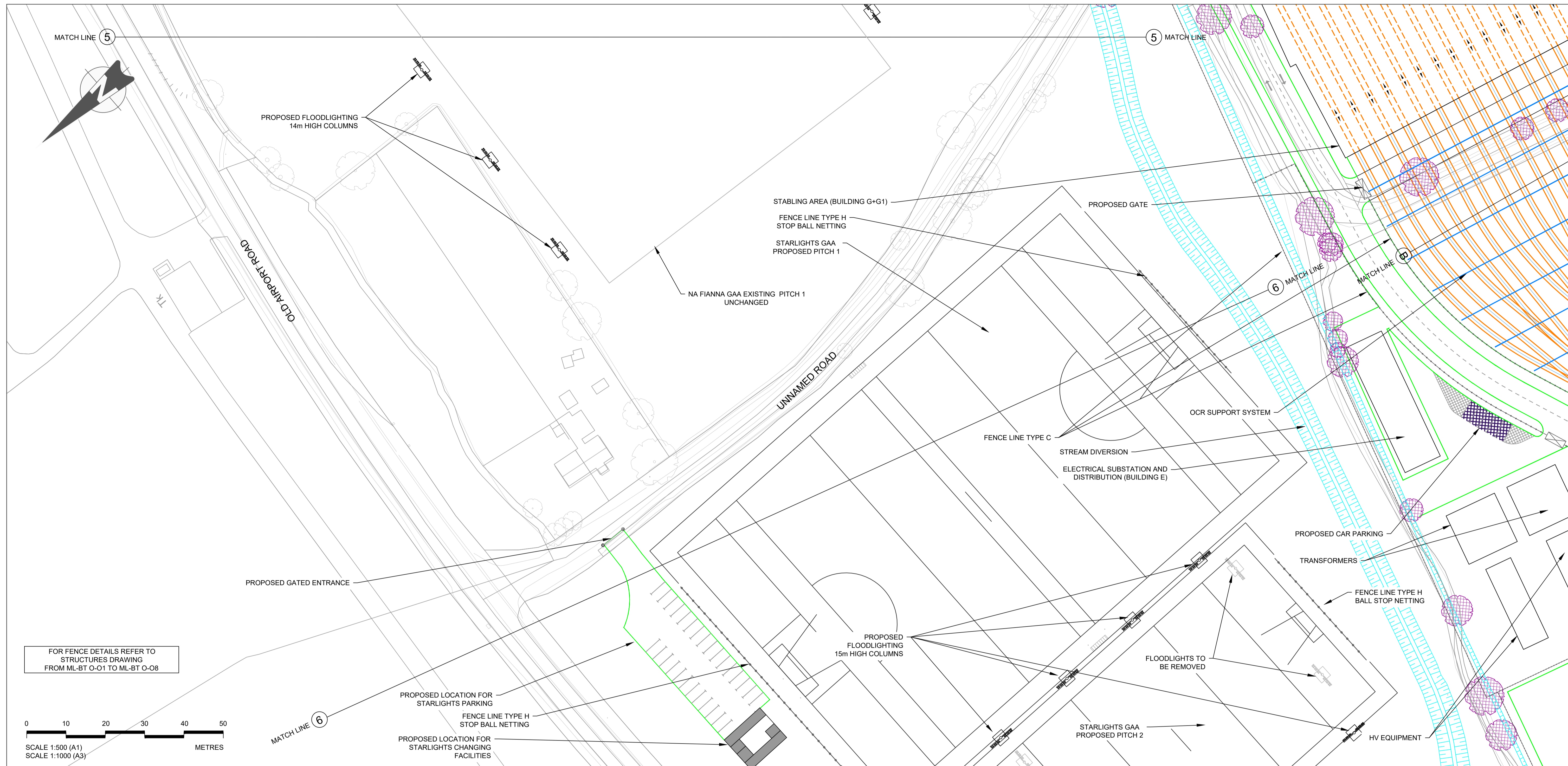
- NOTES:**
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REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	23/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	16/08/22	For Railway Order	GB	MM	MM	PB

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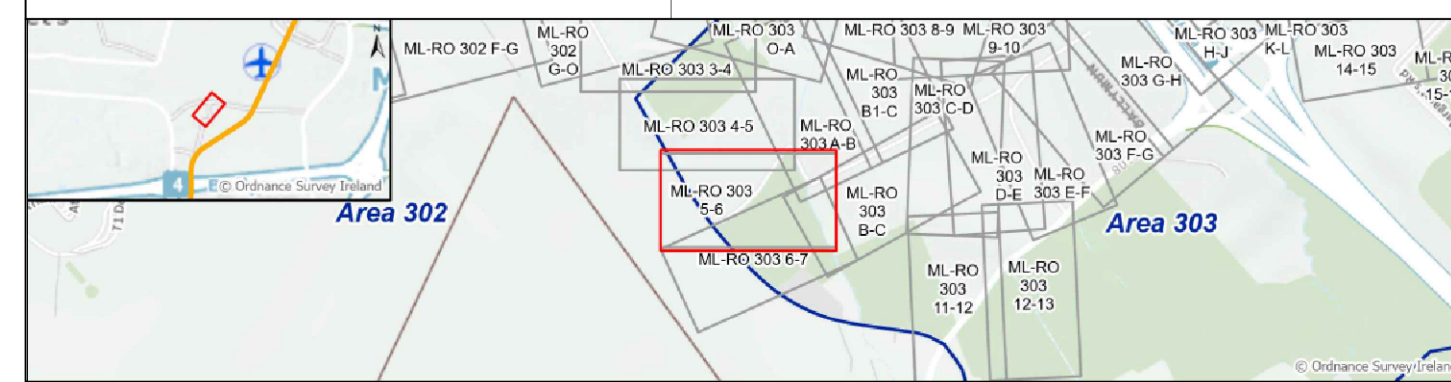
Client	TII Uisce Éireann NTA Údaráis Náisiúnta Iompar National Transport Authority	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT BALLYSTRAUN (SHEET 4 OF 7)	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03039	Plan Drawing N°	ML-RO 303 4-5	Sheet 1 of 1	
		Scales Original Size A1	AS SHOWN				



**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED
- PROPOSED KERB

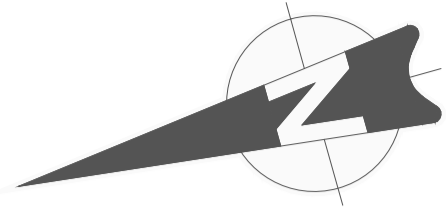
- NOTES:**
1. FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  2. FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  3. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	23/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	16/08/22	For Railway Order	GB	MM	MM	PB

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Client		Project	<b>METROLINK</b>	Drawing Title	METROLINK - GENERAL ARRANGEMENT BALLYSTRAUN (SHEET 5 OF 7)	Drawing Status	S0
Consultant		Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03040	Plan Drawing N°	ML-RO 303 5-6	Sheet 1 of 1	
		Scales Original Size A1	AS SHOWN				



MATCH LINE 6

MATCH LINE 6

MATCH LINE 7

PROPOSED GATED ENTRANCE

PROPOSED LOCATION FOR STARLIGHTS PARKING

PROPOSED LOCATION FOR STARLIGHTS CHANGING FACILITIES

FENCE LINE TYPE H STOP BALL NETTING

OLD AIRPORT ROAD

STARLIGHTS GAA PROPOSED PITCH 1

PROPOSED FLOODLIGHTING 15m HIGH COLUMNS

FENCE LINE TYPE H STOP BALL NETTING

ELECTRICAL SUBSTATION AND DISTRIBUTION (BUILDING E)

PROPOSED GATE

OCR SUPPORT SYSTEM

STREAM DIVERSION

PROPOSED CAR PARKING

EXISTING FLOODLIGHTS TO BE REMOVED

FENCE LINE TYPE C

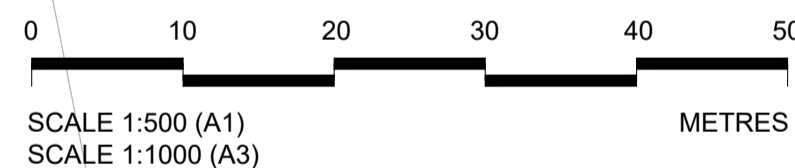
STARLIGHTS GAA PROPOSED PITCH 2

TRANSFORMERS

HV EQUIPMENT

PROPOSED GATE

ESB COM



**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED
- PROPOSED KERB

FOR CULVERT DETAILS REFER TO STRUCTURES DRAWING ML-VR 303 6-7

FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT 0-01 TO ML-BT 0-08

EXISTING LOCATION OF STARLIGHTS CHANGING FACILITIES

FENCE LINE TYPE C

NORTH MAIN ACCESS

PROPOSED DITCH

PROPOSED FLOODLIGHTING 15m HIGH COLUMNS

PROPOSED CULVERT

PROPOSED ESB NETWORKS SUBSTATION FOR DETAILS SEE DRAWING ML-SS 0-08

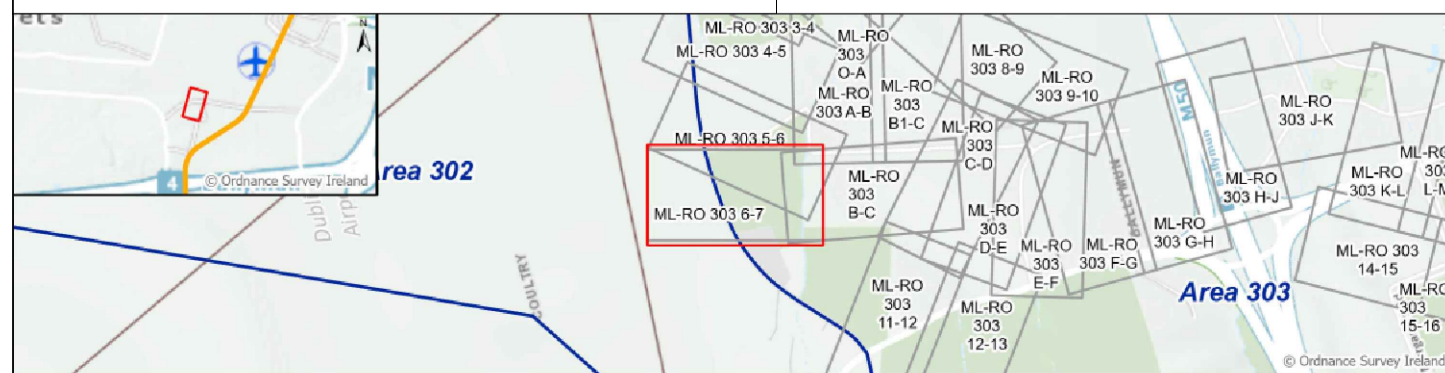
MATCH LINE 7

PROPOSED DITCH

MAIN ACCESS & SECURITY BUILDING

**NOTES:**

1. FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
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REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	23/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	16/08/22	For Railway Order	GB	MM	MM	PB

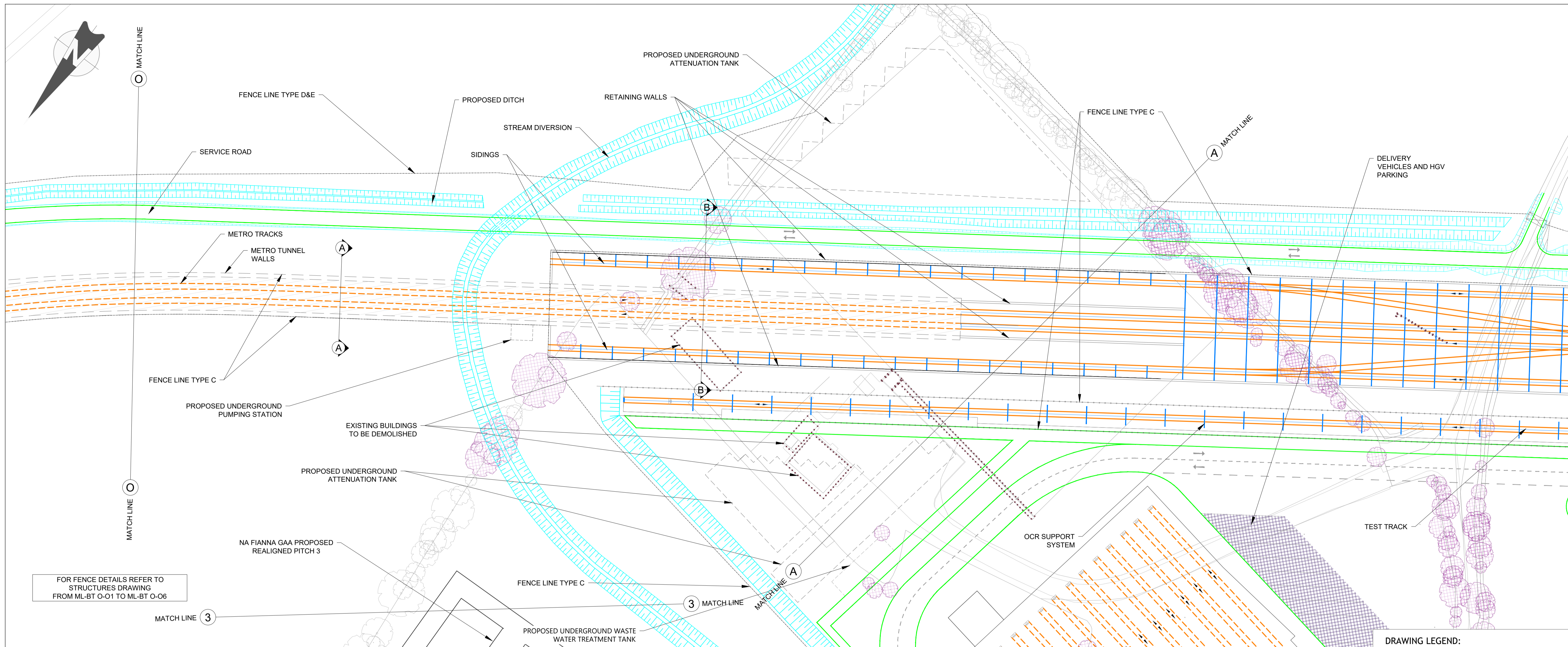
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Client: **TII** (Transport Infrastructure Ireland) and **NTA** (Údarás Náisiúnta Iompair / National Transport Authority)

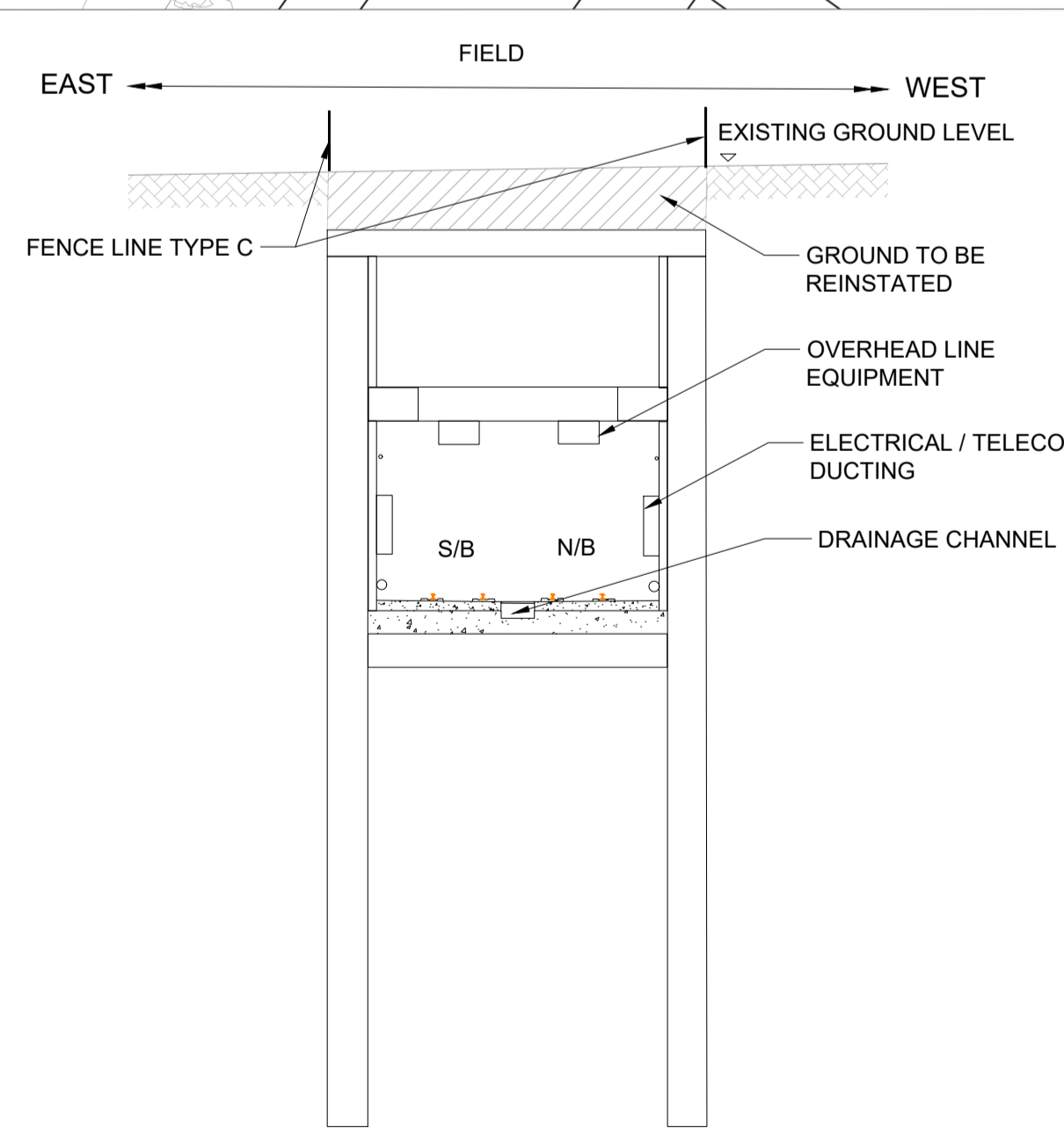
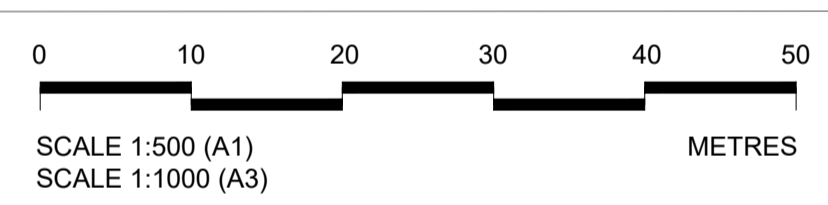
Project: **METROLINK**

Consultant: **JACOBS** and **IDOM**

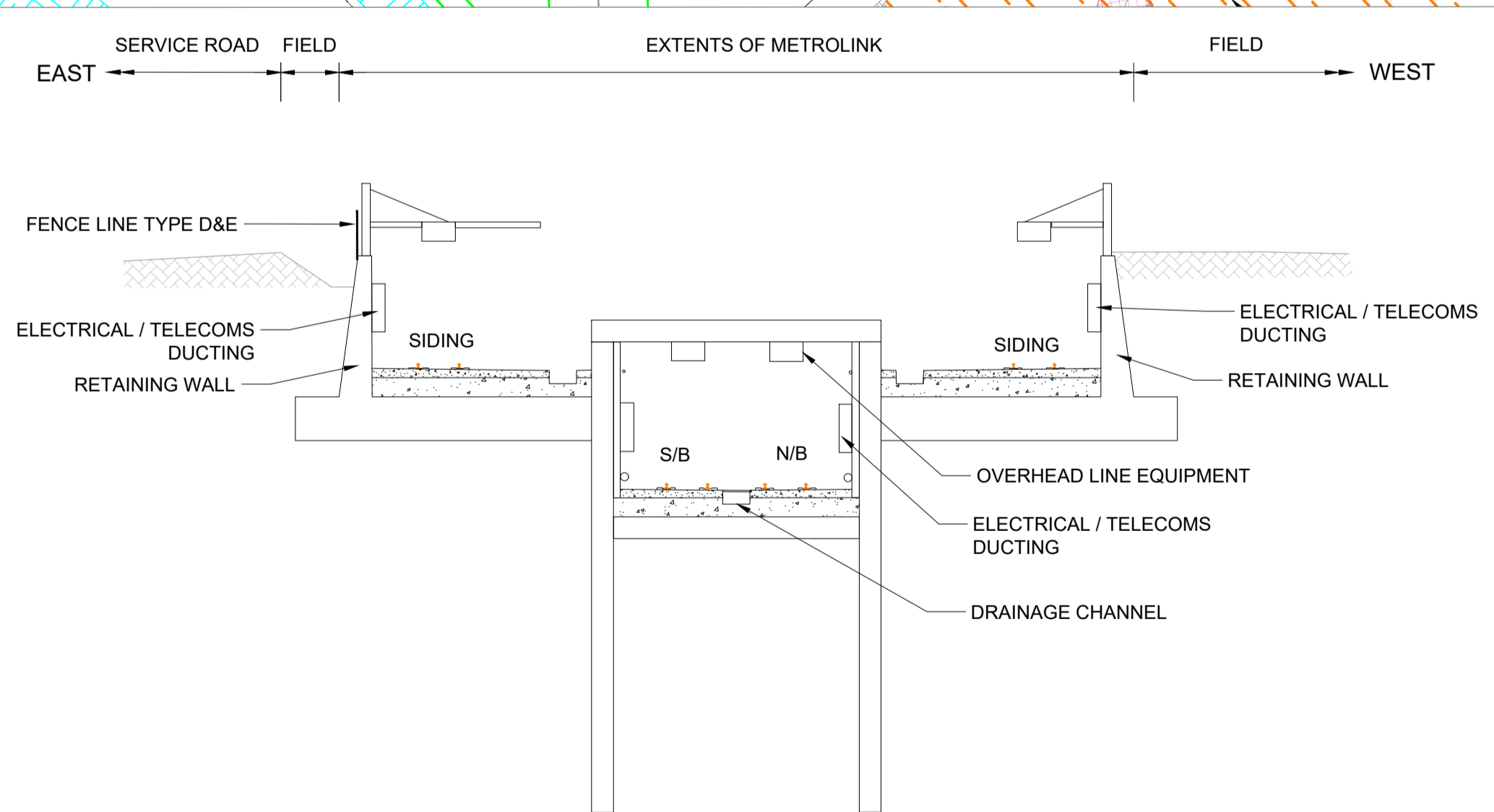
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Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03041	Plan Drawing N°	ML-RO 303 6-7	
Scales Original Size A1	AS SHOWN	Sheet	1	of 1



FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06



SECTION A - A  
CUT AND COVER

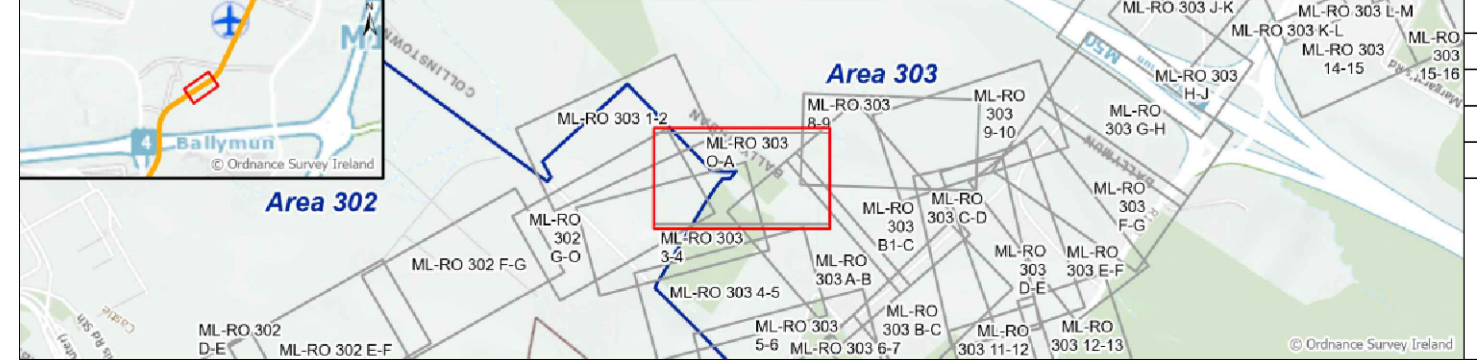
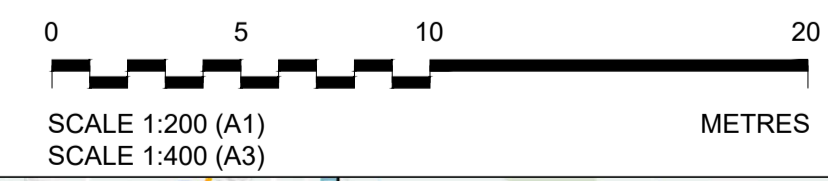


SECTION B - B  
OPEN, CUT AND COVER

**DRAWING LEGEND:**

- EXISTING KERB
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- ▨ PROPOSED EARTHWORK
- OVERHEAD LINES
- EXISTING WALL TO BE REMOVED
- TRAFFIC FLOW
- ▨ METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- ▨ PROPOSED CAR PARKING
- ▨ PROPOSED BICYCLE PARKING
- ⊠ EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- ⊠ VENTILATION GRILLE AT GROUND LEVEL
- ⊗ TREES TO BE REMOVED
- ⊙ TREES TO BE RETAINED

- NOTES:**
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	23/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	16/08/22	For Railway Order	GB	MM	MM	PB

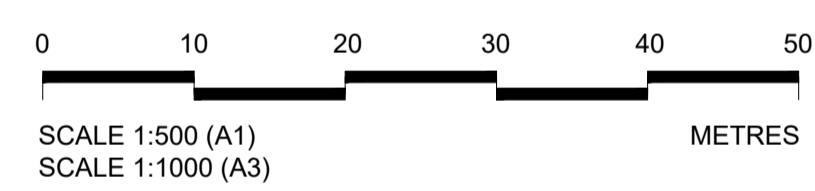
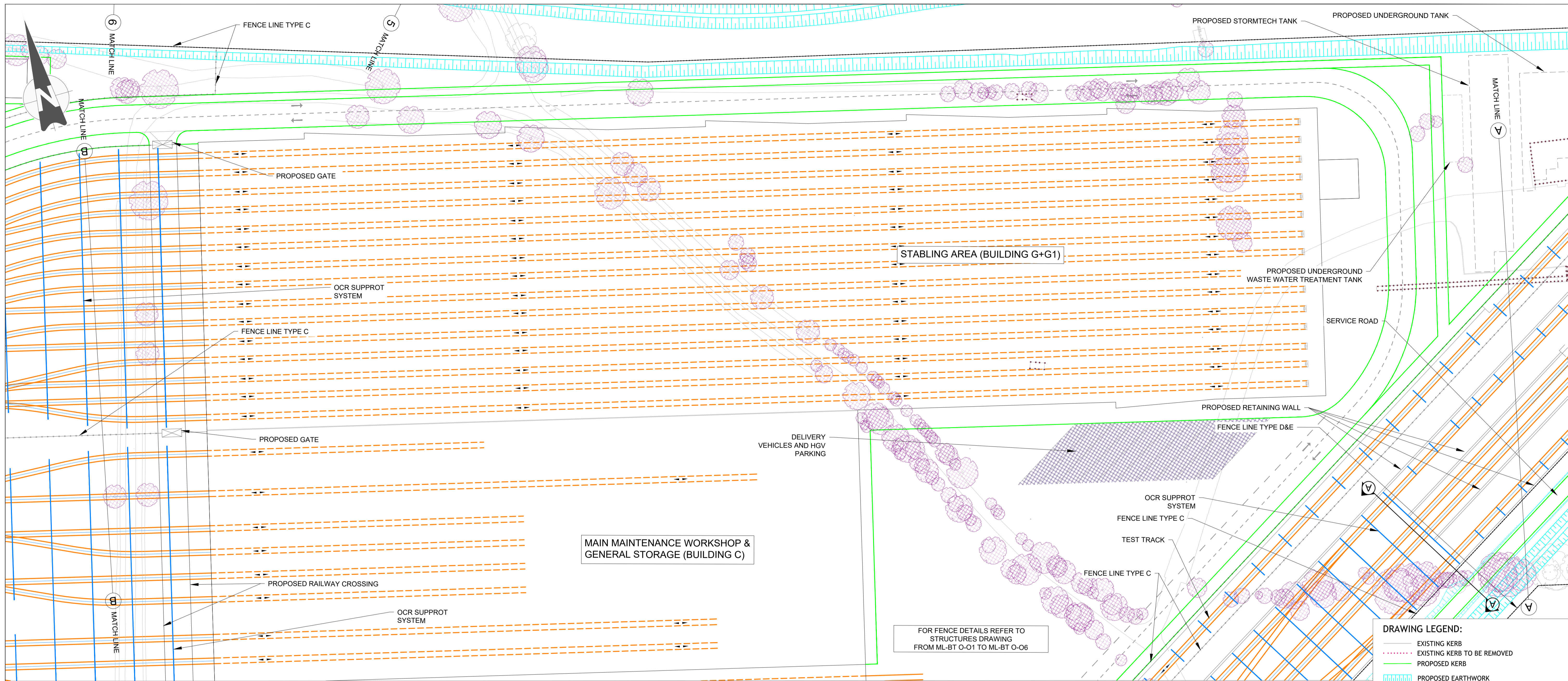
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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLG0).

Client: **TII** **NTA**

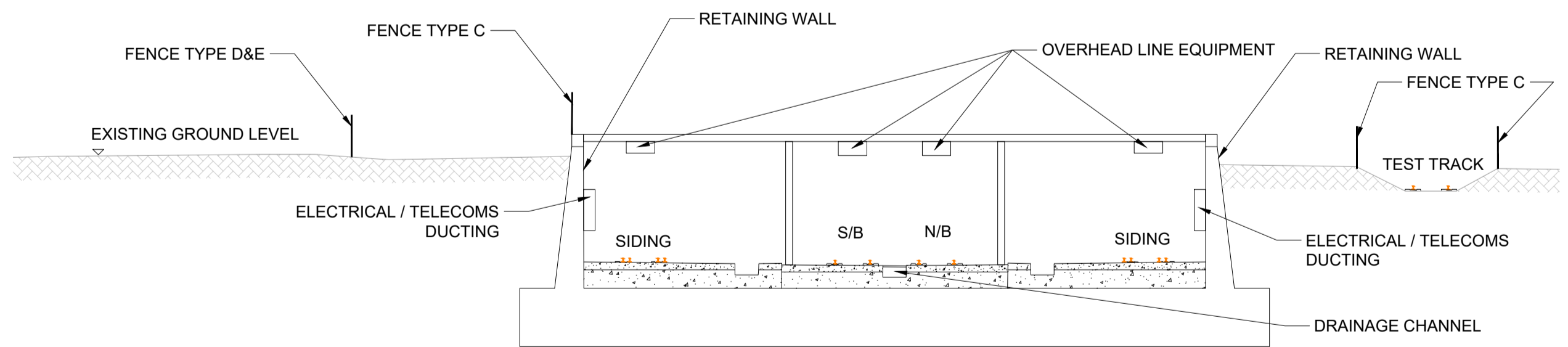
Project: **METROLINK**

Consultant: **JACOBS** **IDOM**

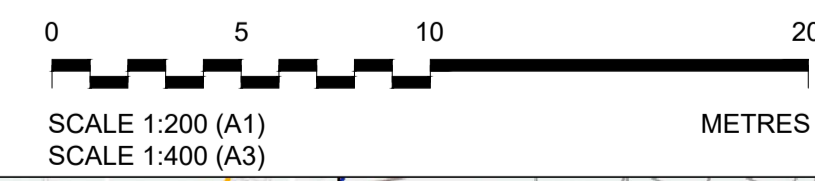
Drawing Title	METROLINK - GENERAL ARRANGEMENT BALLYSTRAUN (SHEET 6 OF 7)	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03042	Plan Drawing N°	ML-RO 303 O-A
Scales Original Size A1	AS SHOWN	Sheet	1 of 1



EAST ← FIELD SERVICE ROAD FIELD EXTENTS OF METROLINK FIELD DITCH FOOTPATH WEST



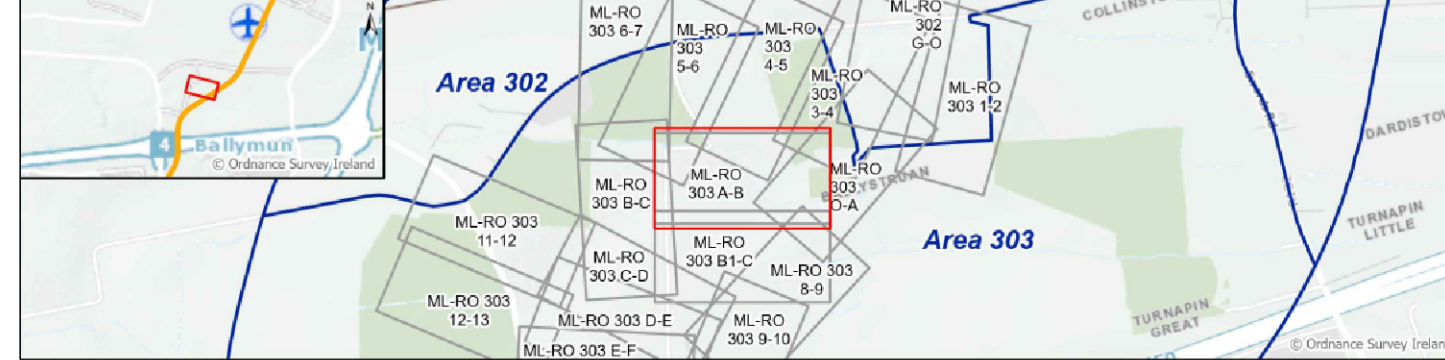
SECTION A - A CUT AND COVER



**DRAWING LEGEND:**

- EXISTING KERB
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- ▨ PROPOSED EARTHWORK
- OVERHEAD LINES
- EXISTING WALL TO BE REMOVED
- TRAFFIC FLOW
- ▨ METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- ▨ PROPOSED CAR PARKING
- ▨ PROPOSED BICYCLE PARKING
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- TREES TO BE REMOVED
- TREES TO BE RETAINED

- NOTES:**
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)

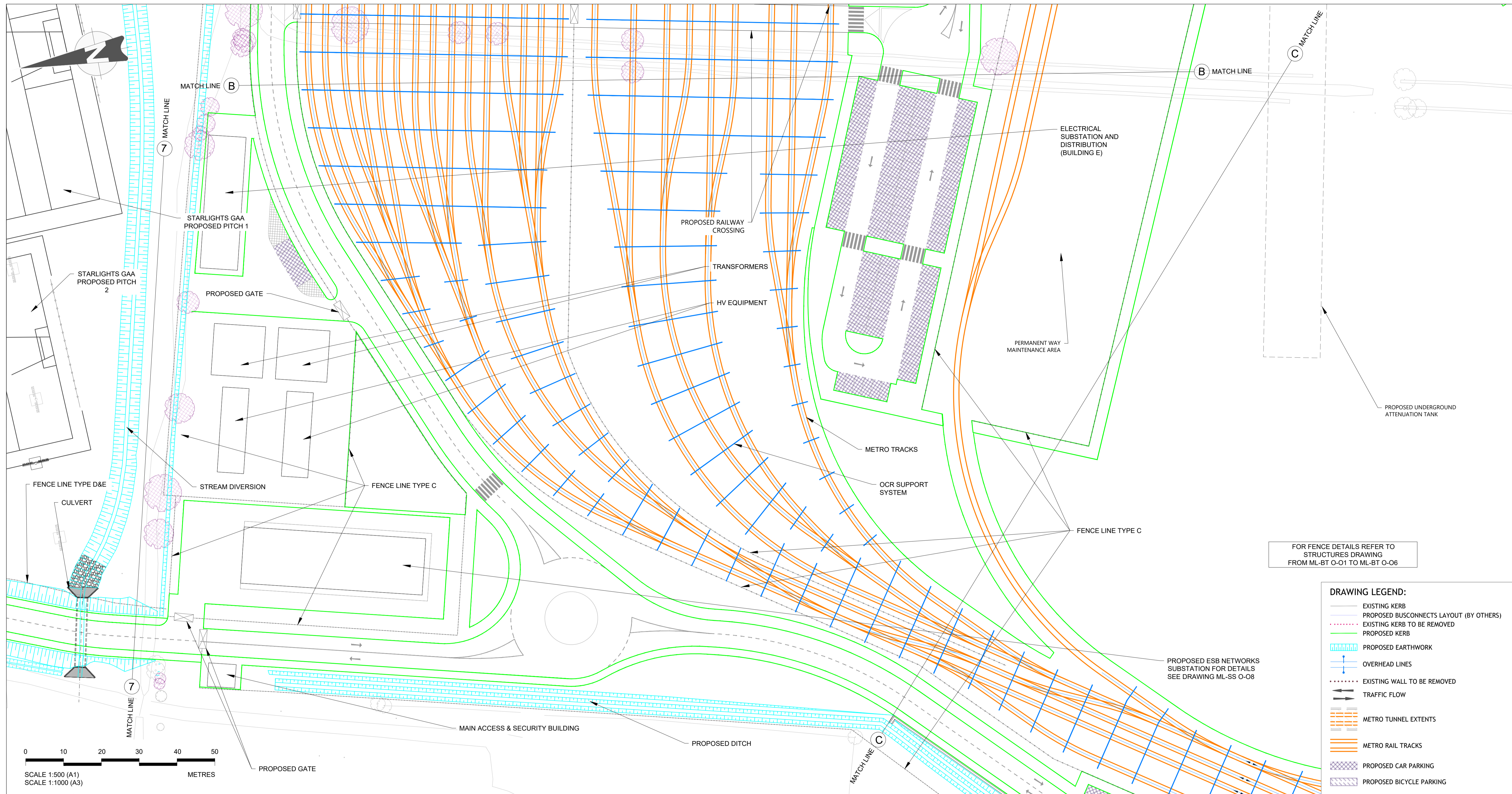


REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	23/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	27/05/22	For Railway Order	BJ	JR	AS	PB
P04	16/08/22	For Railway Order	GB	MM	MM	PB

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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLG0).

Client: **TII** **NTA**  
 Project: **METROLINK**  
 Consultant: **JACOBS** **IDOM**

Drawing Title	METROLINK - GENERAL ARRANGEMENT BALLYSTRAUN (SHEET 7 OF 7)	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03043	Plan Drawing N°	ML-RO 303 A-B
Scales Original Size A1	AS SHOWN	Sheet	1 of 1

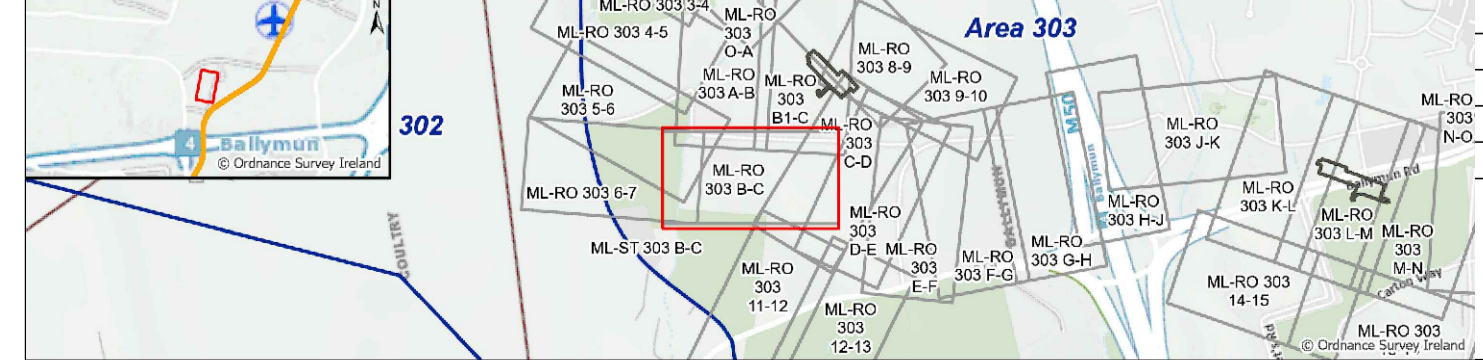


0 10 20 30 40 50 METRES  
SCALE 1:500 (A1)  
SCALE 1:1000 (A3)

FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06

- DRAWING LEGEND:**
- EXISTING KERB
  - - - PROPOSED BUSCONNECTS LAYOUT (BY OTHERS)
  - ... EXISTING KERB TO BE REMOVED
  - PROPOSED KERB
  - ▨ PROPOSED EARTHWORK
  - OVERHEAD LINES
  - ... EXISTING WALL TO BE REMOVED
  - TRAFFIC FLOW
  - ▨ METRO TUNNEL EXTENTS
  - METRO RAIL TRACKS
  - ▨ PROPOSED CAR PARKING
  - ▨ PROPOSED BICYCLE PARKING
  - ⊠ EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
  - ⊠ VENTILATION GRILLE AT GROUND LEVEL
  - ⊗ TREES TO BE REMOVED
  - TREES TO BE RETAINED

- NOTES:**
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	23/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	16/08/22	For Railway Order	GB	MM	MM	PB

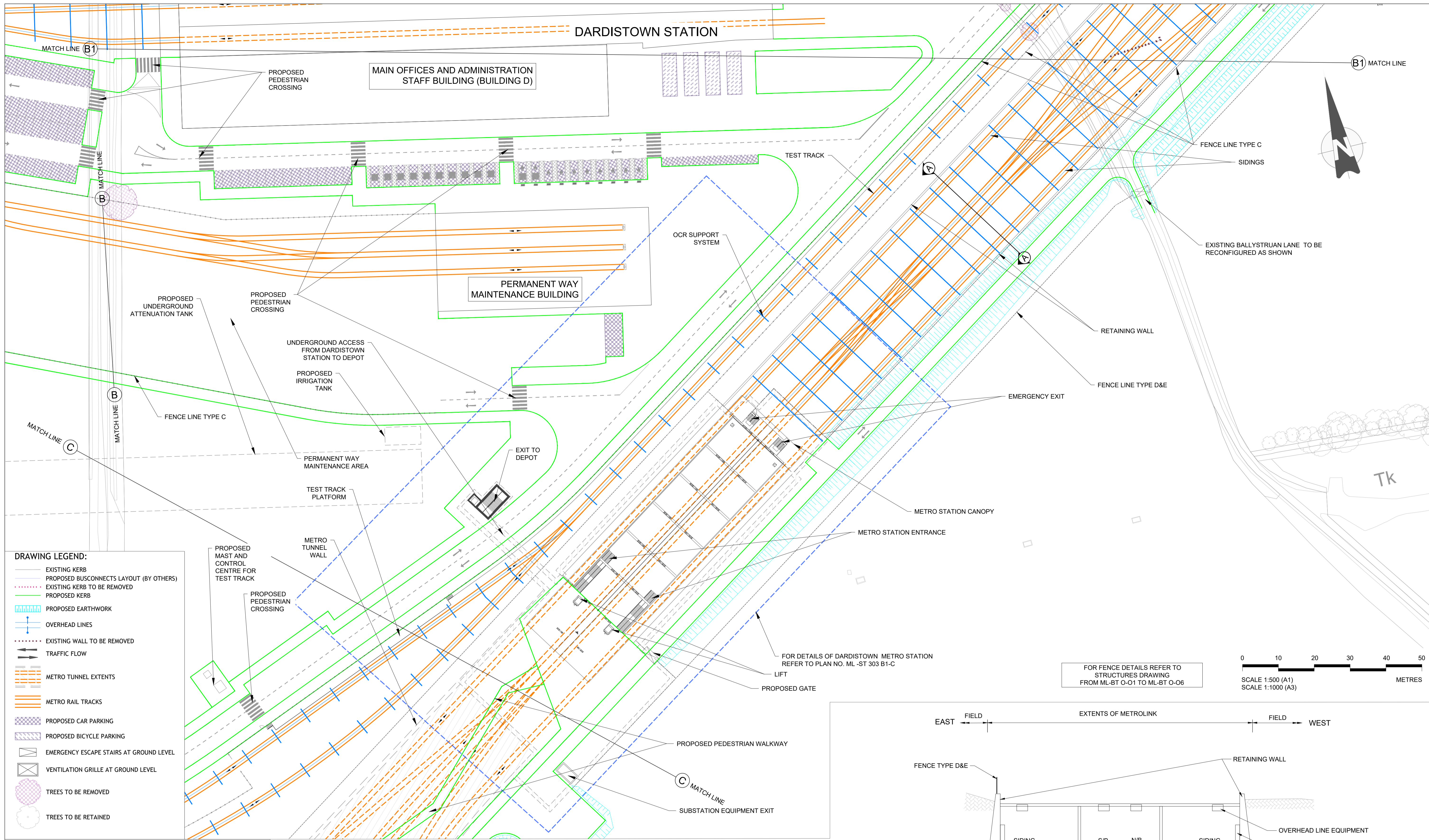
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Client: **TII** (Transport Infrastructure Ireland) and **NTA** (Údarás Náisiúnta Iompar) (National Transport Authority)

Project: **METROLINK**

Consultant: **JACOBS** and **IDOM**

Drawing Title	METROLINK - GENERAL ARRANGEMENT BALLYMUN (SHEET 1 OF 11)	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03044	Plan Drawing N°	ML-RO 303 B-C
Scales Original Size A1	AS SHOWN	Sheet	1 of 1

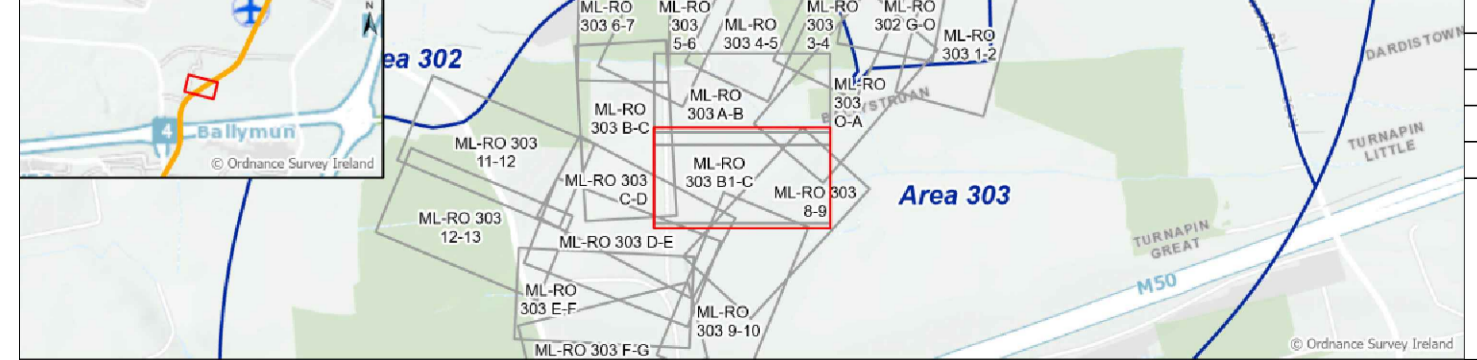
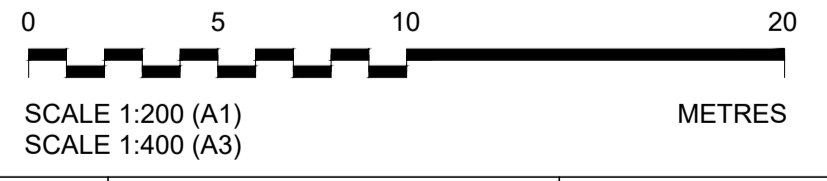
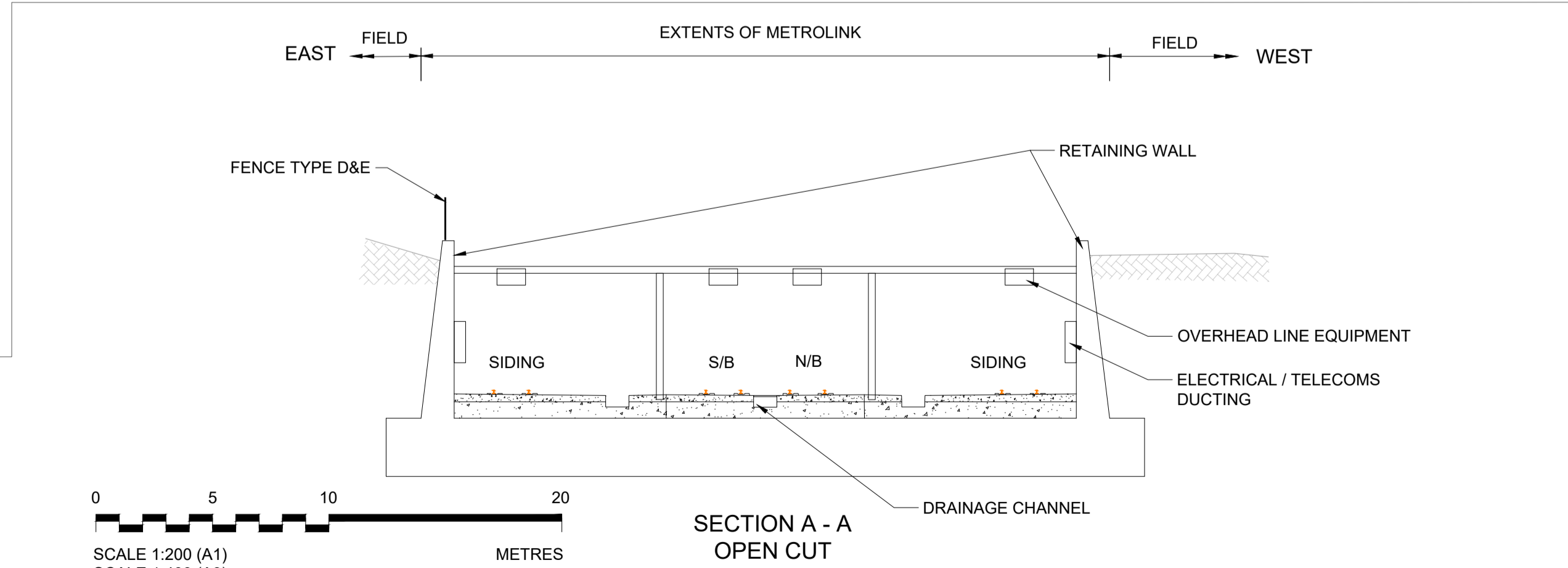
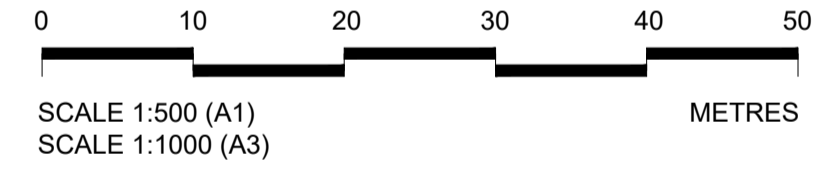


**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED BUSCONNECTS LAYOUT (BY OTHERS)
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- EXISTING WALL TO BE REMOVED
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- PROPOSED CAR PARKING
- PROPOSED BICYCLE PARKING
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- TREES TO BE REMOVED
- TREES TO BE RETAINED

- NOTES:**
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  2. FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  3. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)

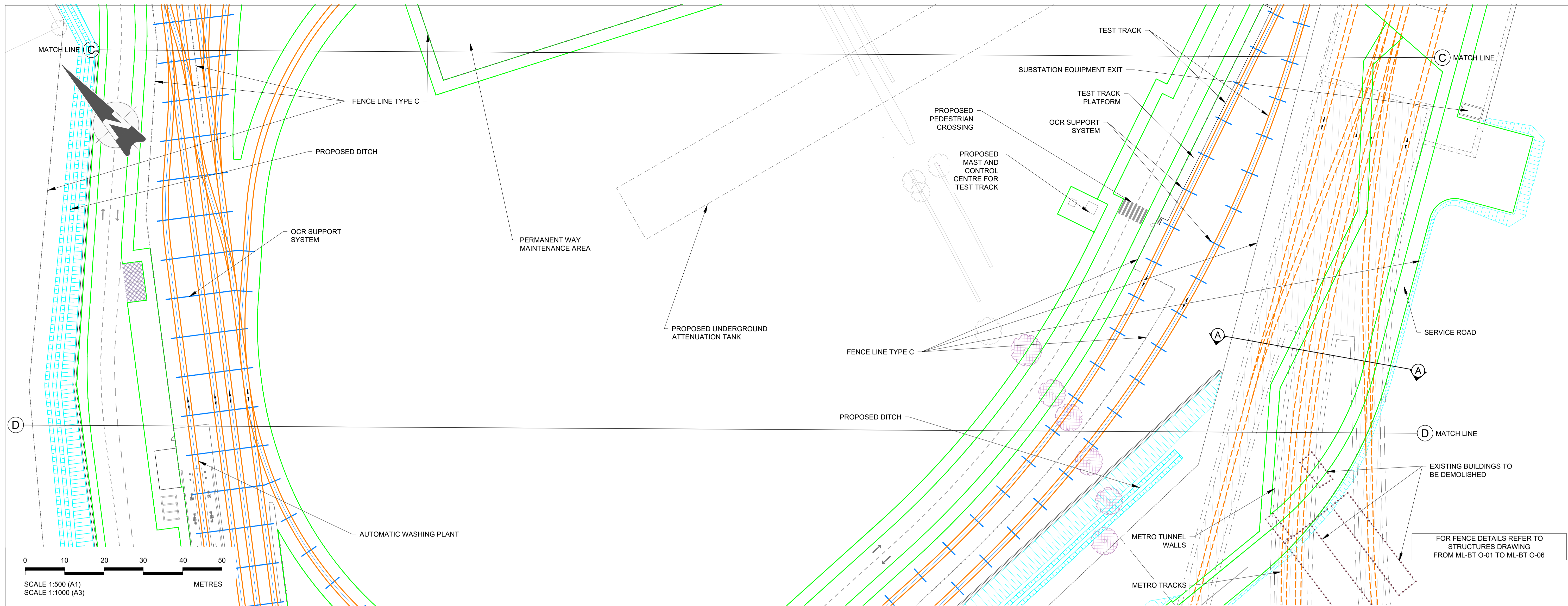
FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	29/07/21	For Railway Order	AG	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	27/05/22	For Railway Order	BJ	JR	AS	PB
P04	16/08/22	For Railway Order	GB	MM	MM	PB

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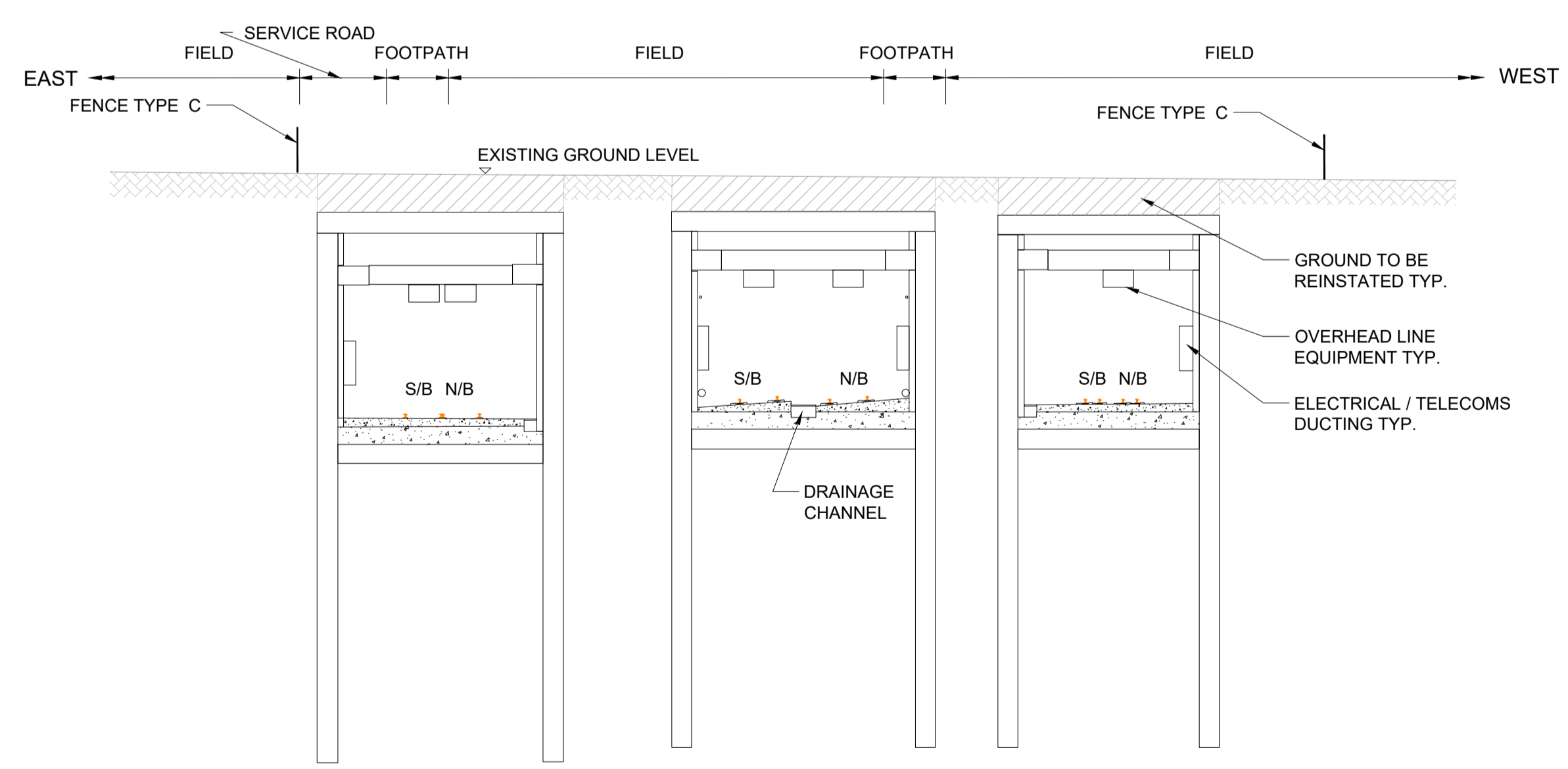
Client	Project	Drawing Title	Drawing Status
	<b>METROLINK</b>	METROLINK - GENERAL ARRANGEMENT BALLYMUN (SHEET 2 OF 11)	S0
Consultant	Drawing N°	Plan Drawing N°	
	ML1-JAI-ARD-ROUT_XX-DR-Y-03045	ML-RO 303 B1-C	
	Scales Original Size A1 AS SHOWN		Sheet 1 of 1



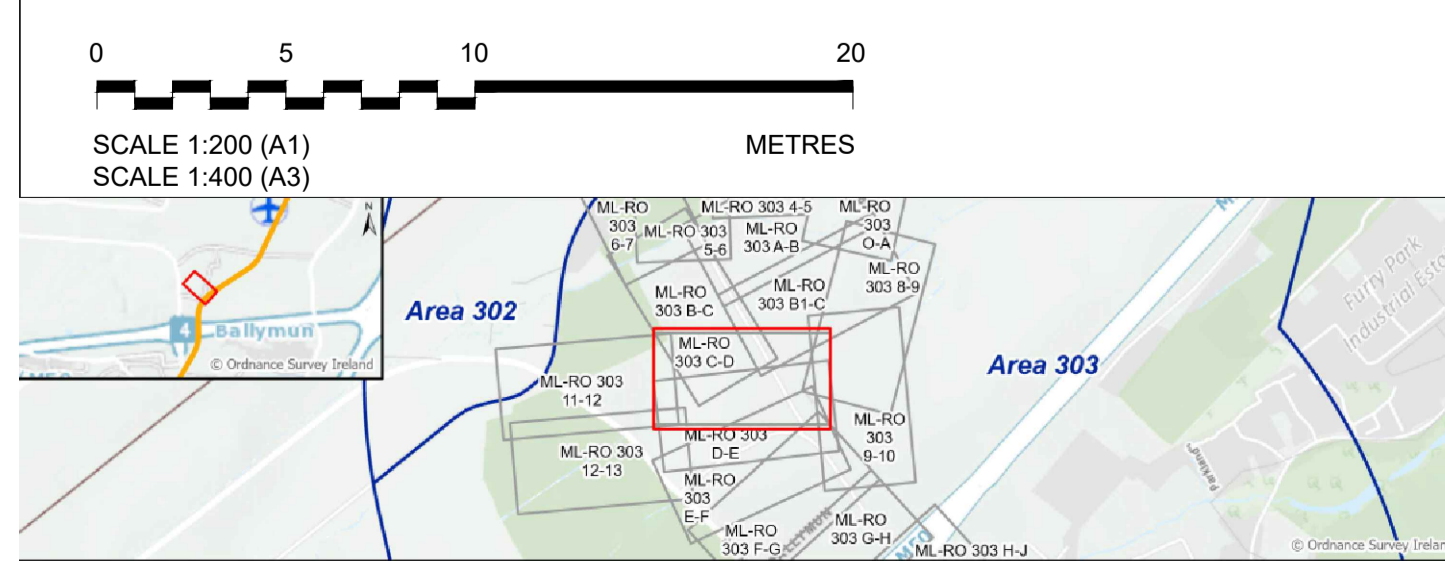
FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06

**DRAWING LEGEND:**

- EXISTING KERB
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- EXISTING WALL TO BE REMOVED
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- PROPOSED CAR PARKING
- PROPOSED BICYCLE PARKING
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- TREES TO BE REMOVED
- TREES TO BE RETAINED



- NOTES:**
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  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)

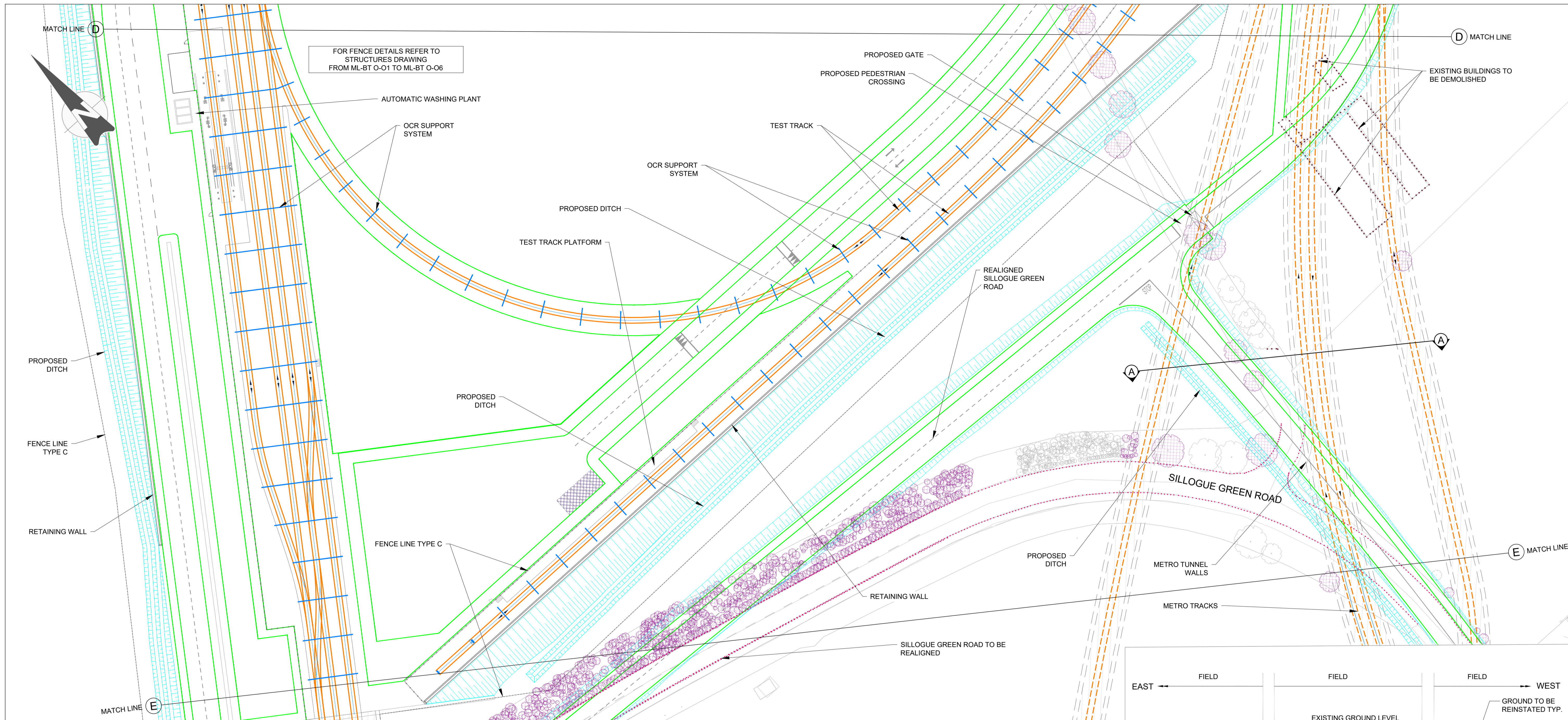


REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	23/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	27/05/22	For Railway Order	BJ	JR	AS	PB
P04	16/08/22	For Railway Order	GB	MM	MM	PB

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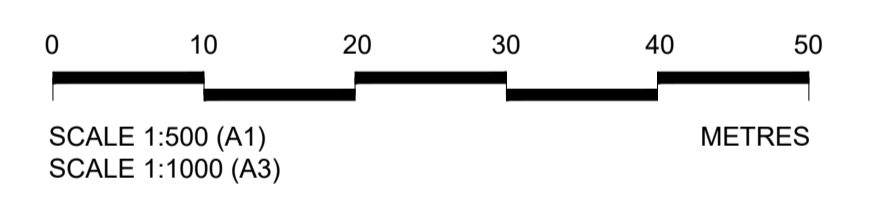
Client	TII NTA Transport Infrastructure Ireland Údarás Náisiúnta Iompair National Transport Authority	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT BALLYMUN (SHEET 3 OF 11)	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03046	Plan Drawing N°	ML-RO 303 C-D	Sheet 1 of 1	
		Scales Original Size A1	AS SHOWN				



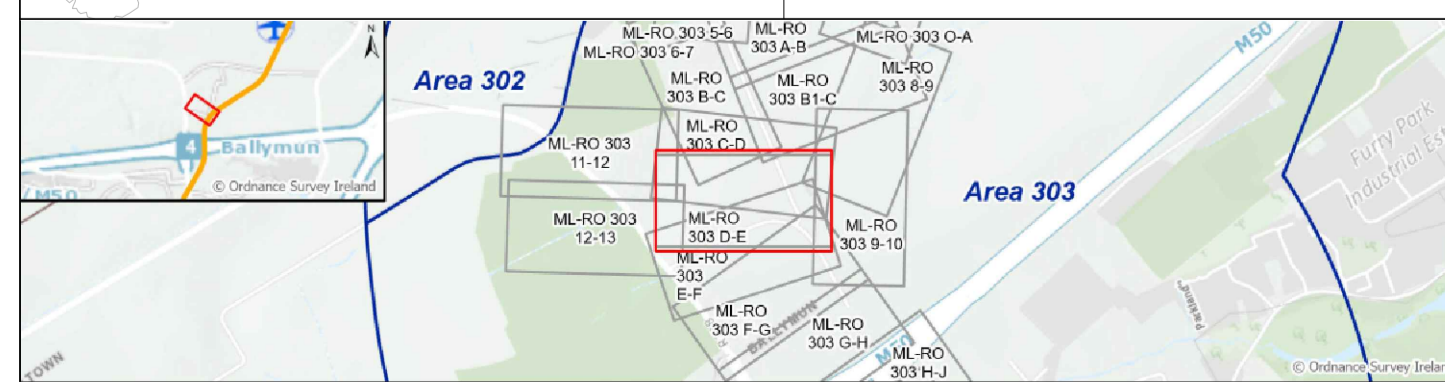
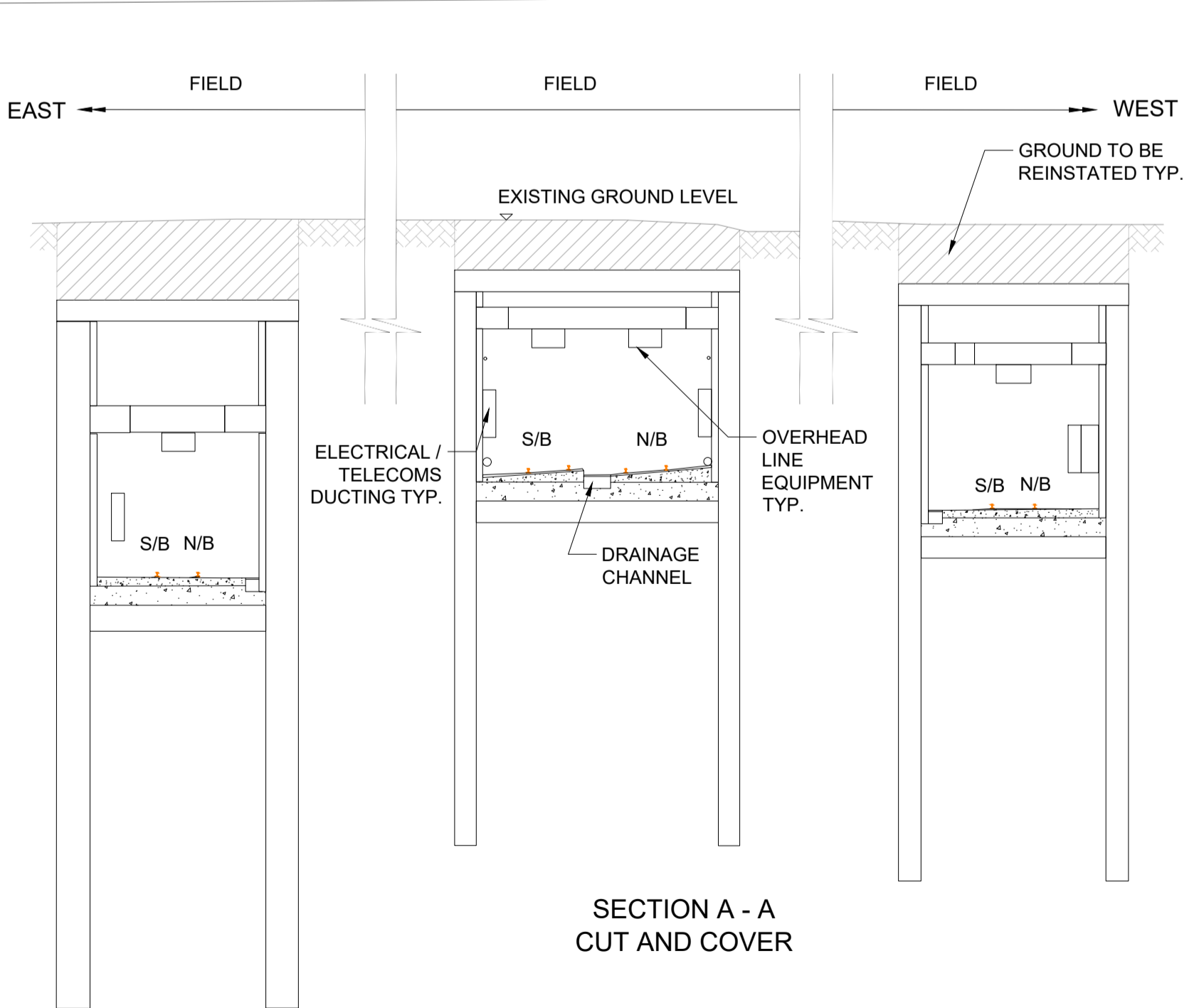
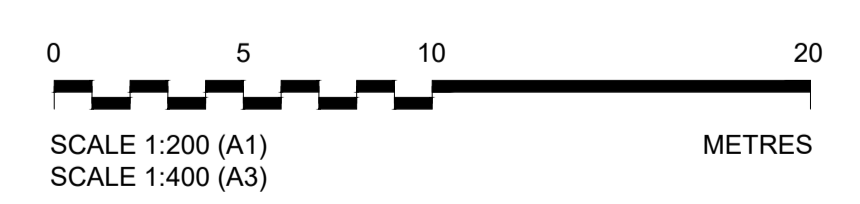


**DRAWING LEGEND:**

- EXISTING KERB
- - - EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- ▨ PROPOSED EARTHWORK
- OVERHEAD LINES
- ⋯ EXISTING WALL TO BE REMOVED
- TRAFFIC FLOW
- ▨ METRO TUNNEL EXTENTS
- ▨ METRO RAIL TRACKS
- ▨ PROPOSED CAR PARKING
- ▨ PROPOSED BICYCLE PARKING
- ⊠ EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- ⊠ VENTILATION GRILLE AT GROUND LEVEL
- TREES TO BE REMOVED
- TREES TO BE RETAINED



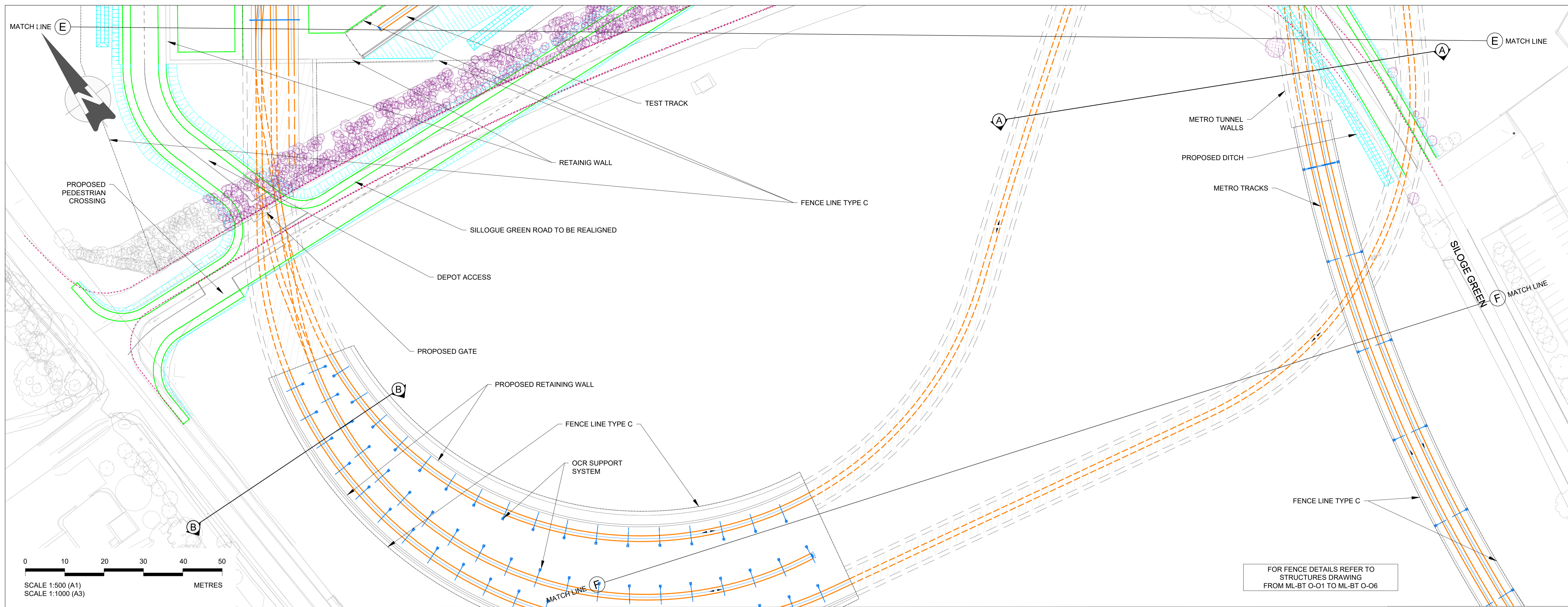
- NOTES:**
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  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



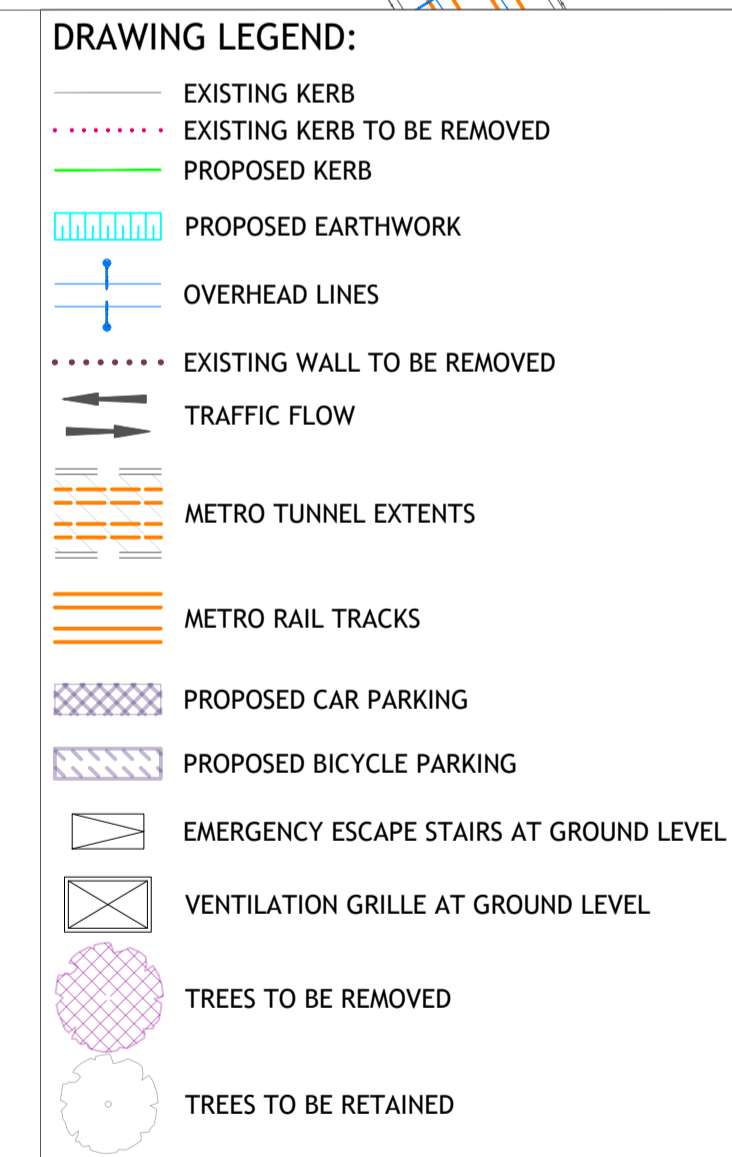
P01	23/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	01/06/22	For Railway Order	BJ	JR	AS	PB
P04	17/08/22	For Railway Order	GB	MM	MM	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

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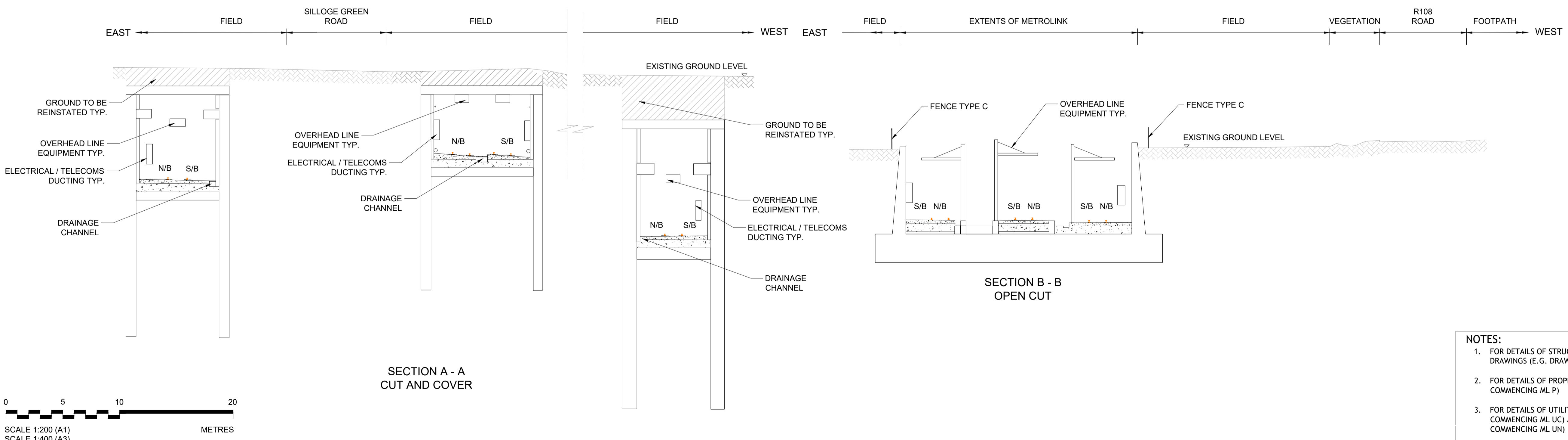
Client	TII NTA	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT BALLYMUN (SHEET 4 OF 11)	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03047	Plan Drawing N°	ML-RO 303 D-E	Sheet 1 of 1	
		Scales Original Size A1	AS SHOWN				



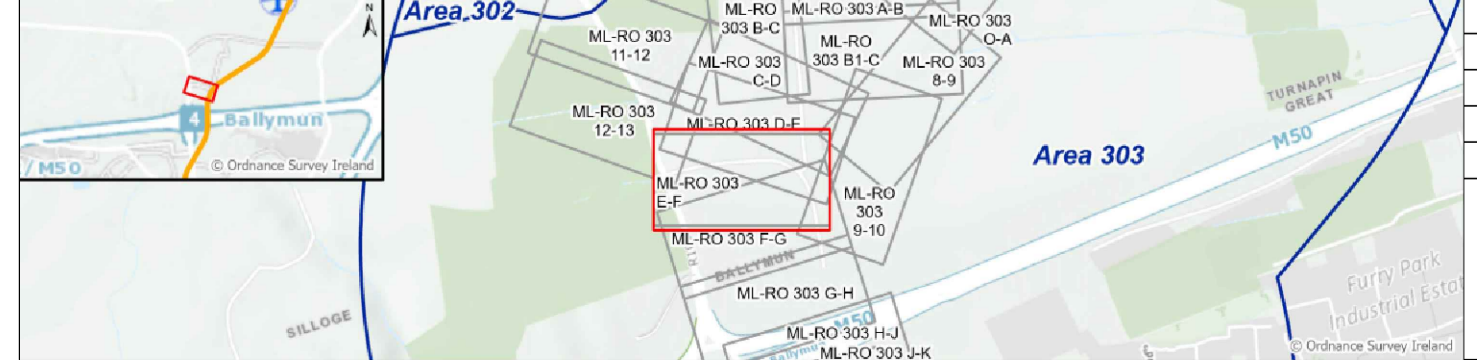
FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06



- NOTES:**
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
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SCALE 1:200 (A1)  
SCALE 1:400 (A3)  
METRES



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	01/06/22	For Railway Order	BJ	JR	AS	PB
P04	02/06/22	For Railway Order	BJ	JR	AS	PB
P05	16/08/22	For Railway Order	GB	MM	MM	PB

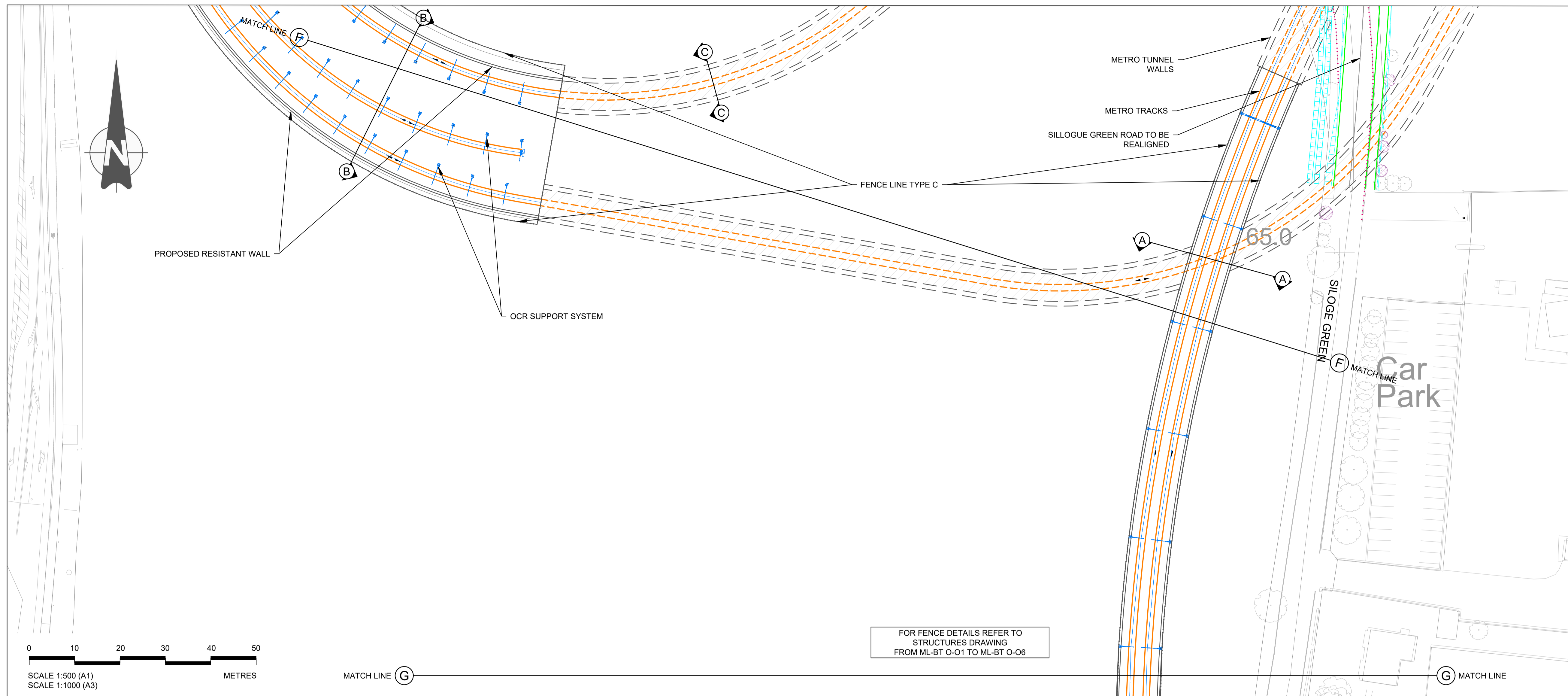
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All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLG0).

Client: **NTA** (Udaráis Náisiúnta Iompar National Transport Authority)

Project: **METROLINK**

Consultant: **JACOBS** and **IDOM**

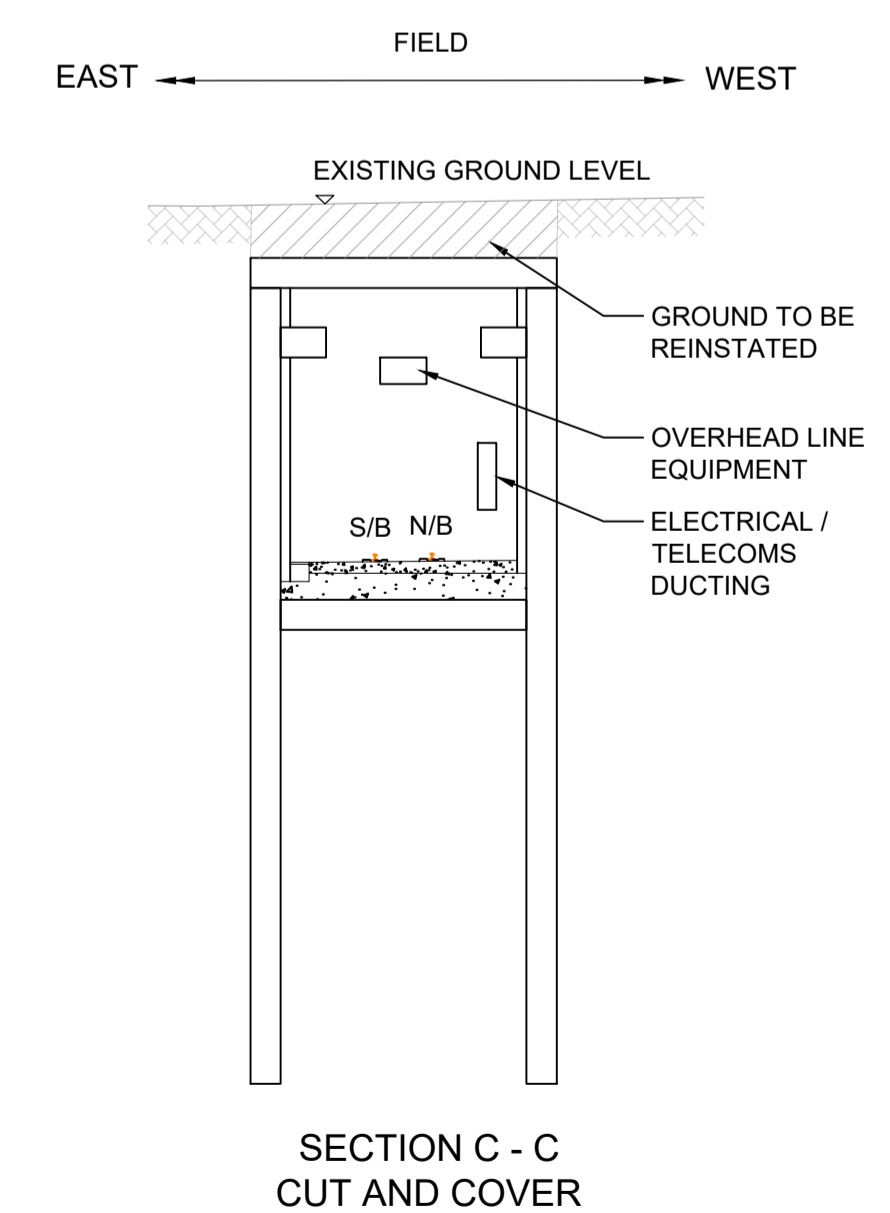
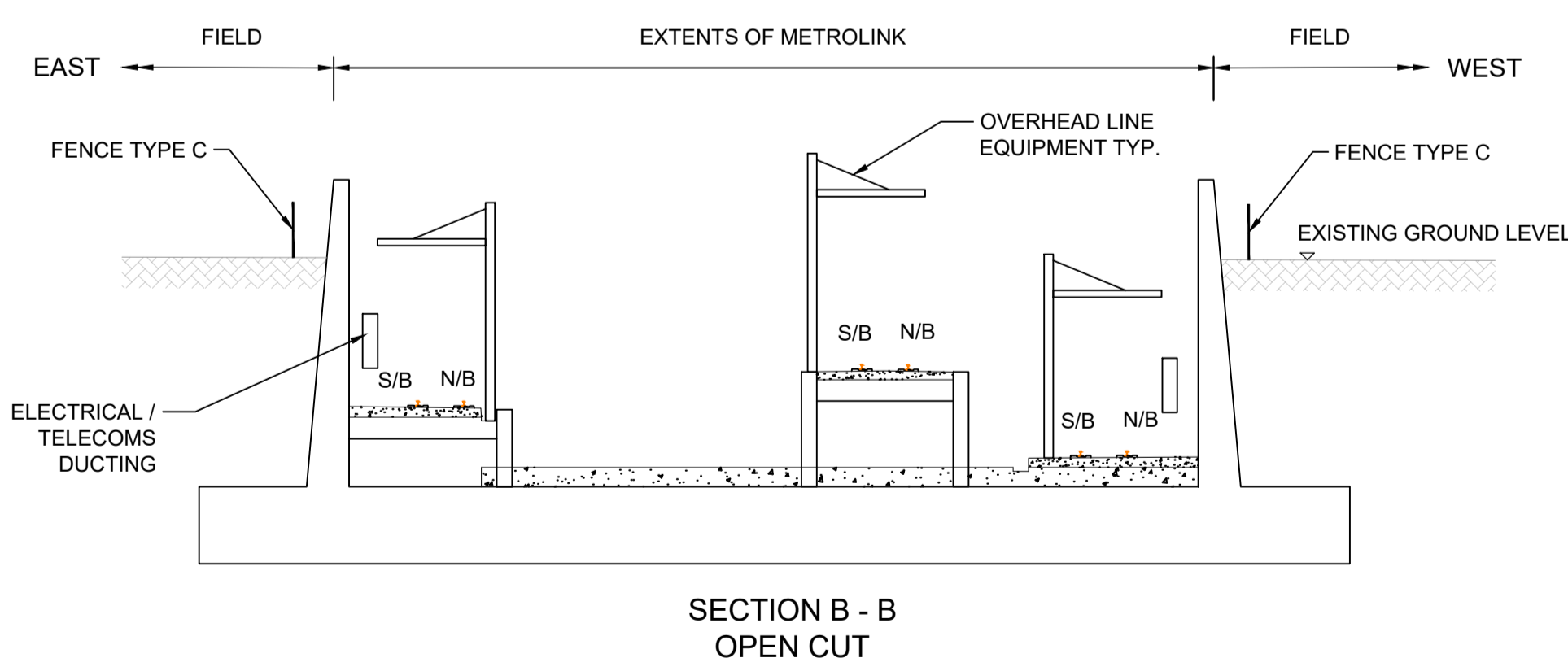
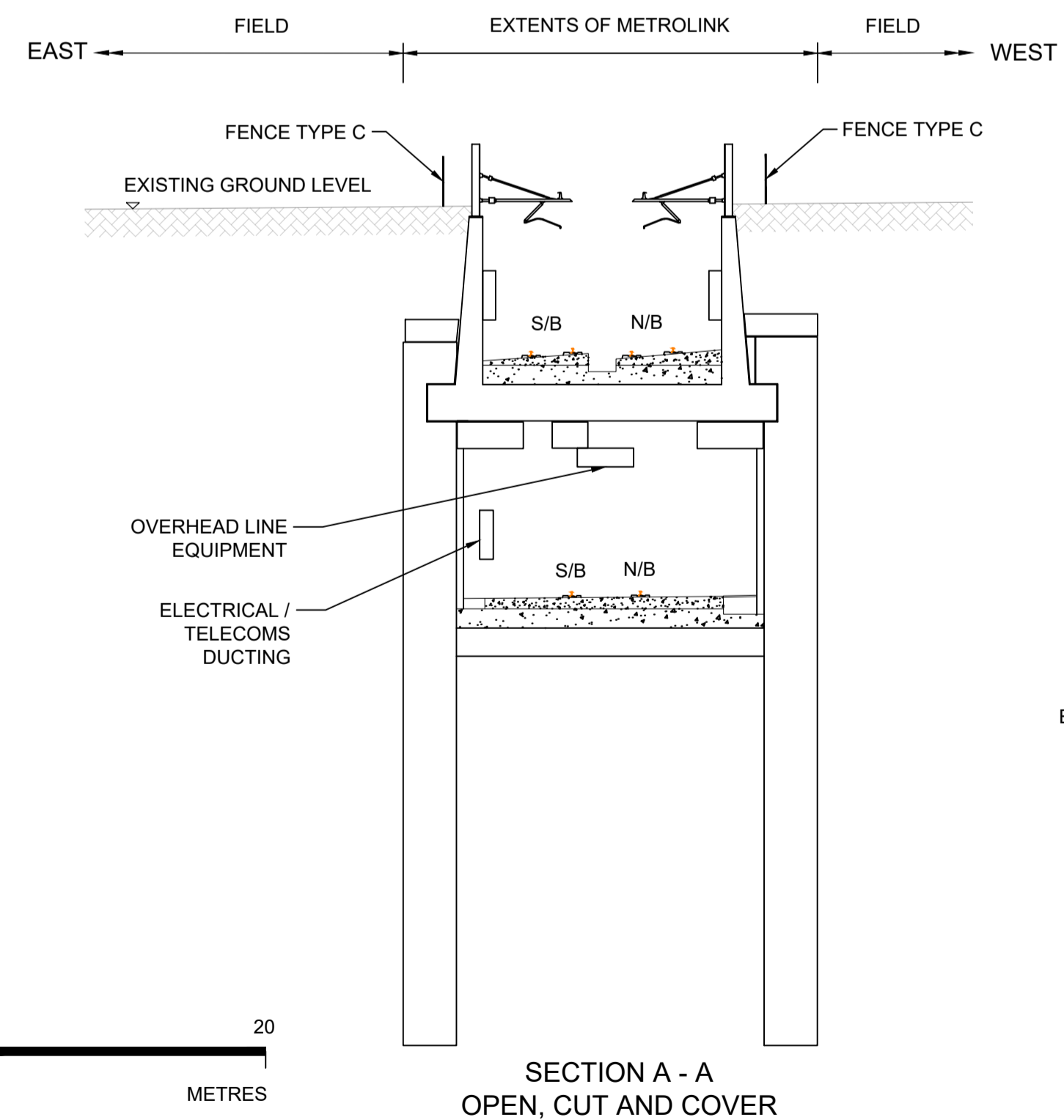
Drawing Title	METROLINK - GENERAL ARRANGEMENT BALLYMUN (SHEET 5 OF 11)	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03048	Plan Drawing N°	ML-RO 303 E-F
Scales Original Size A1	AS SHOWN	Sheet	1 of 1



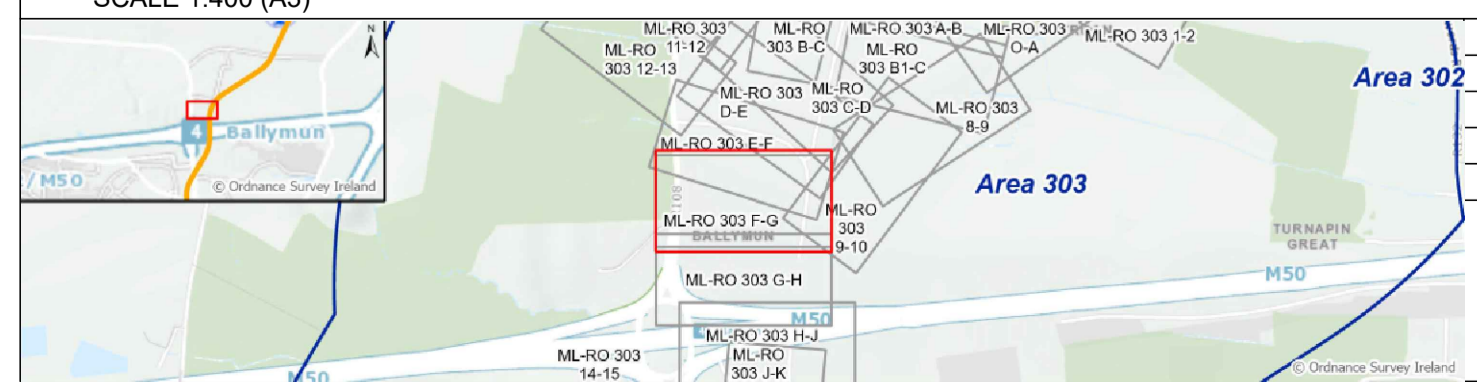
**DRAWING LEGEND:**

- EXISTING KERB
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- EXISTING WALL TO BE REMOVED
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- PROPOSED CAR PARKING
- PROPOSED BICYCLE PARKING
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- TREES TO BE REMOVED
- TREES TO BE RETAINED

FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06



- NOTES:**
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REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	23/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	02/06/22	For Railway Order	BJ	JR	AS	PB

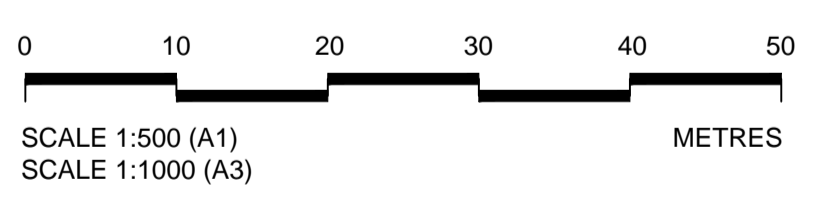
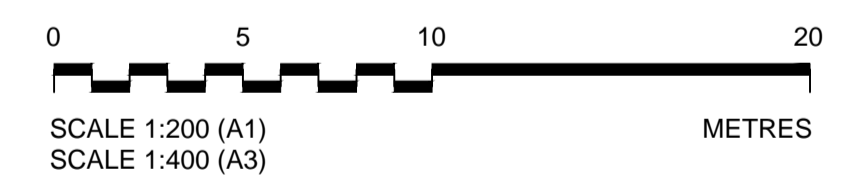
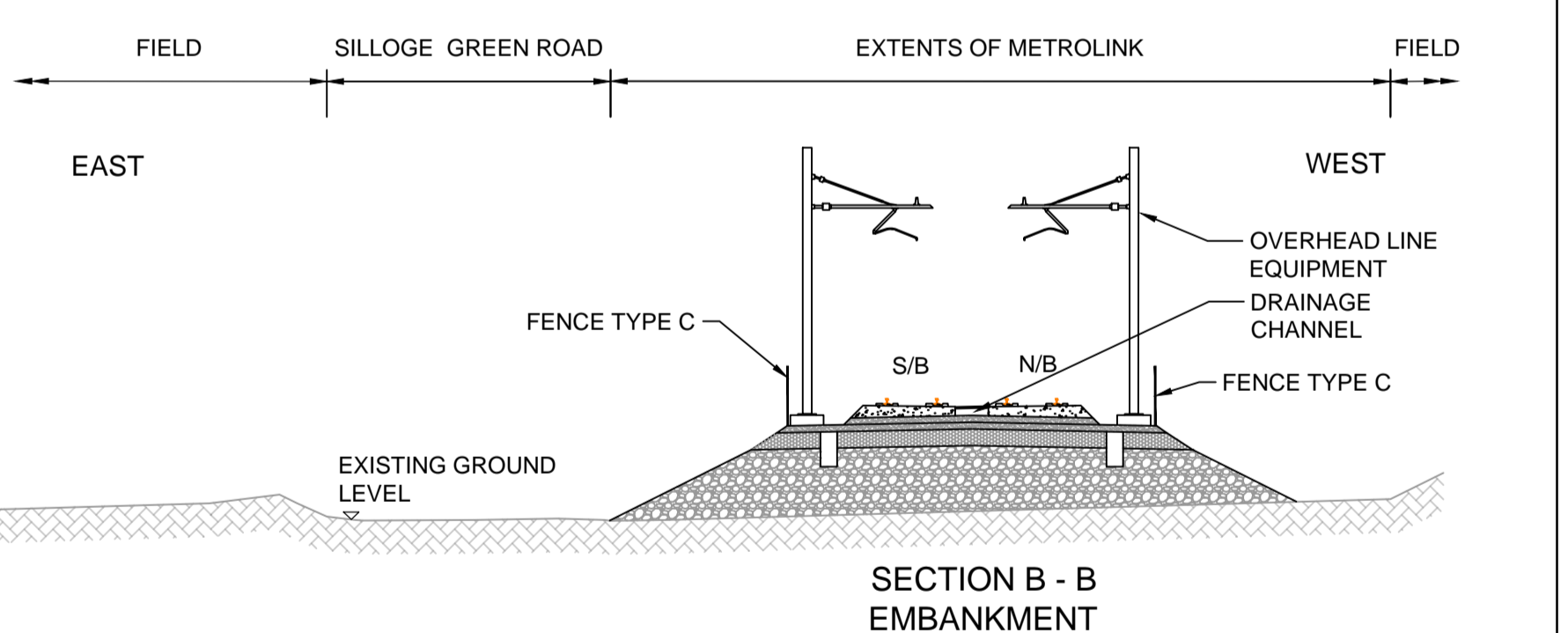
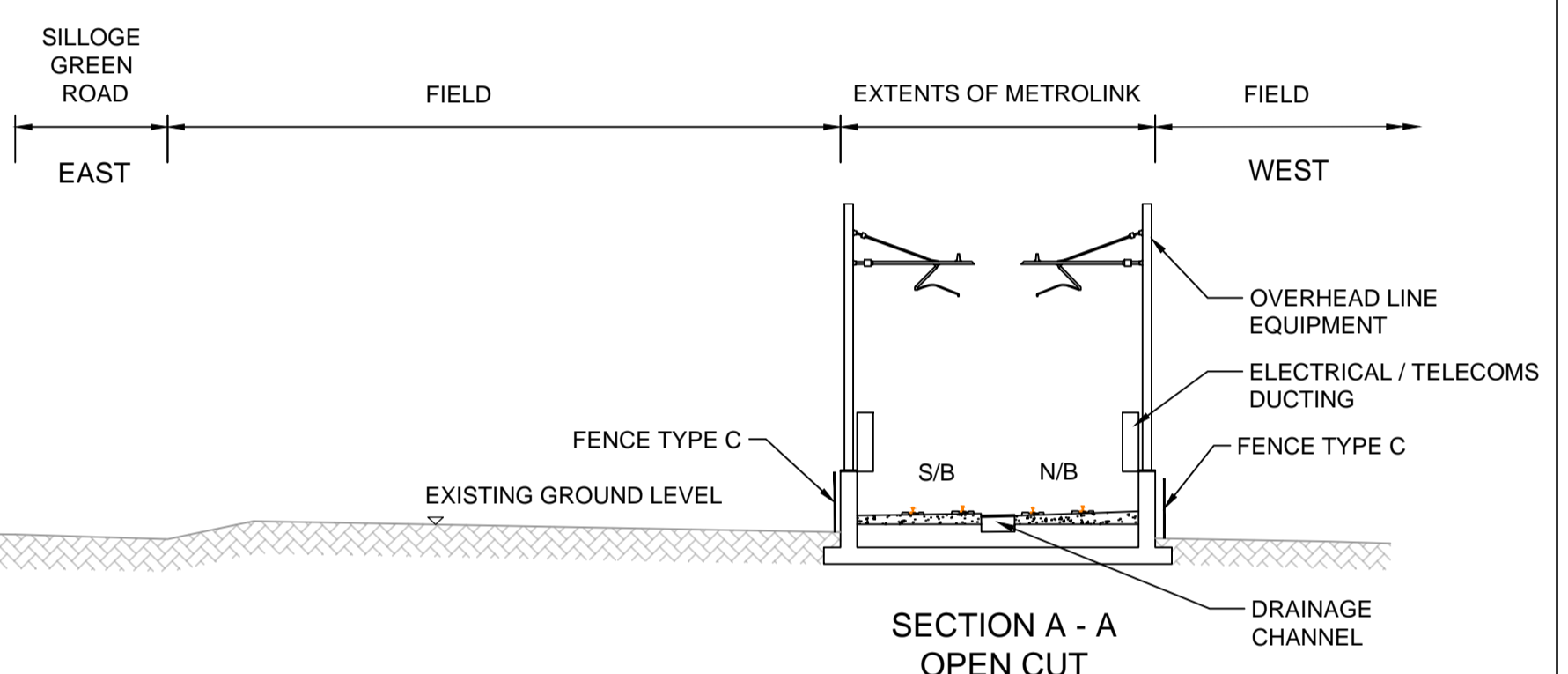
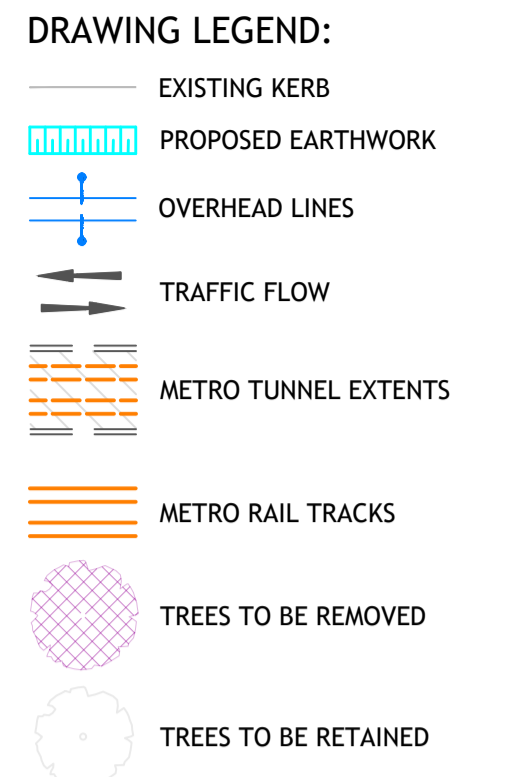
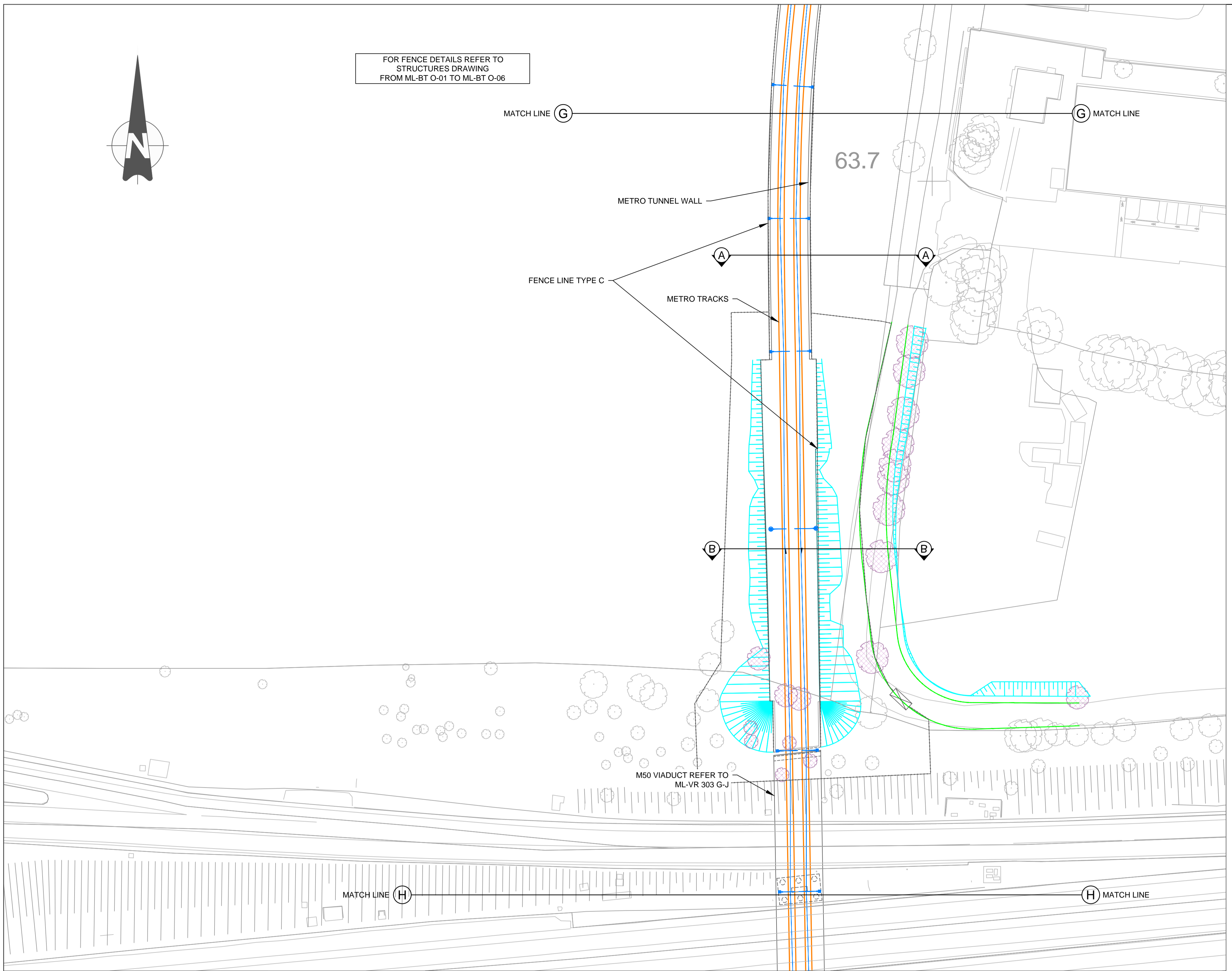
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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLG0).

Client: **TII** (Transport Infrastructure Ireland) and **NTA** (National Transport Authority)

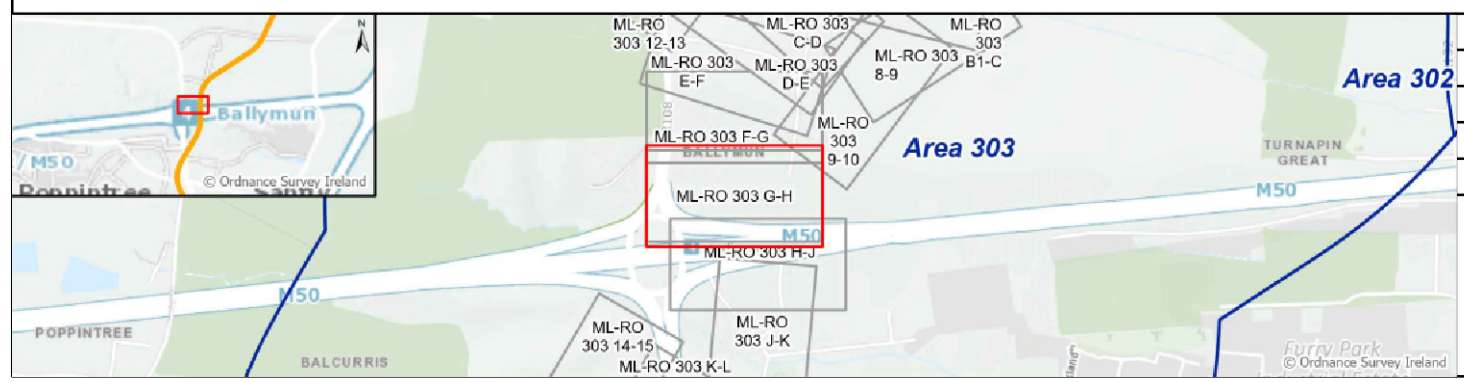
Project: **METROLINK**

Consultant: **JACOBS** and **IDOM**

Drawing Title	METROLINK - GENERAL ARRANGEMENT BALLYMUN (SHEET 6 OF 11)	Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03049	Plan Drawing N°	ML-RO 303 F-G
Scales Original Size A1	AS SHOWN	Sheet	1 of 1



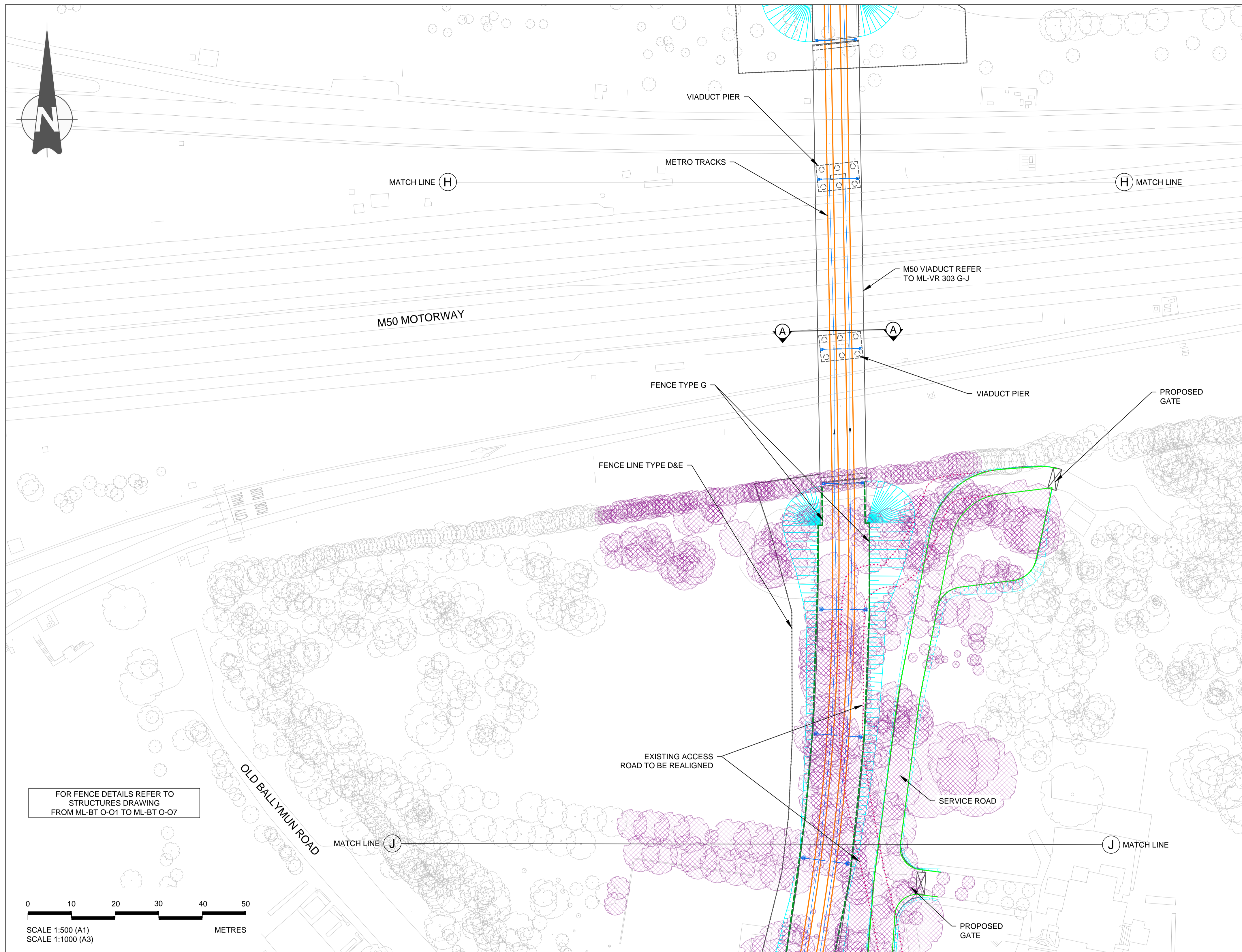
- NOTES:**
- FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



P01	23/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	19/05/22	For Railway Order	BJ	JR	AS	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

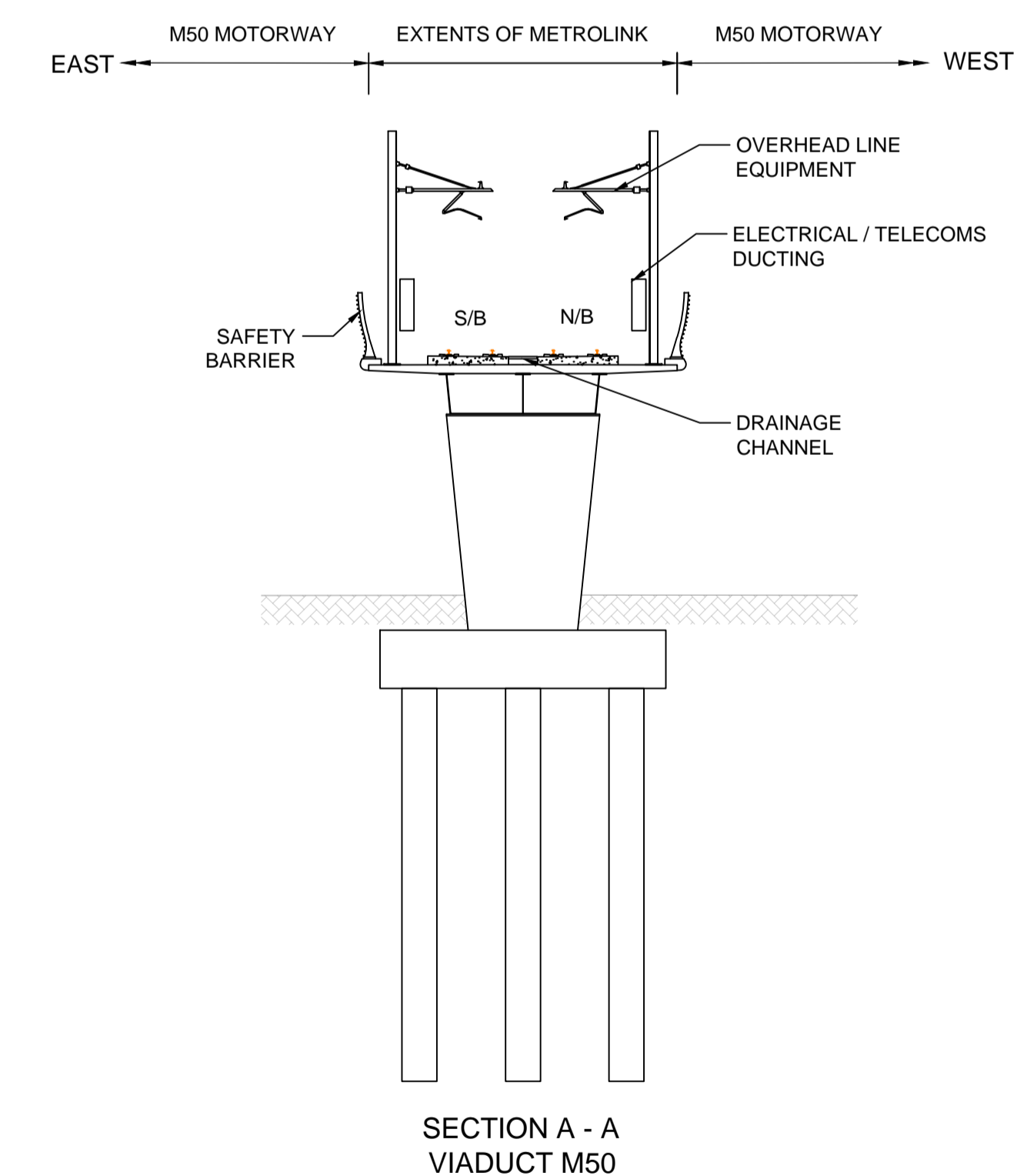
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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Client	TII NTA Udarás Náisiúnta Iompar National Transport Authority	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT BALLYMUN (SHEET 7 OF 11)	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03050	Plan Drawing N°	ML-RO 303 G-H	Sheet 1 of 1	
		Scales Original Size A1	AS SHOWN				

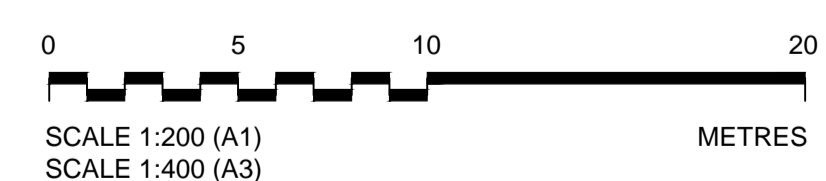
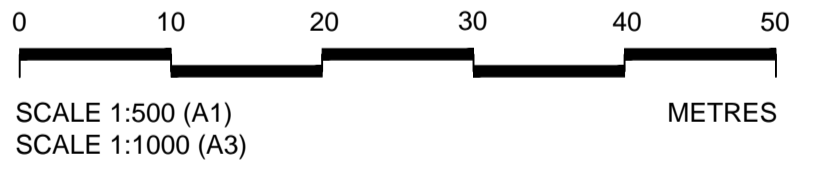


**DRAWING LEGEND:**

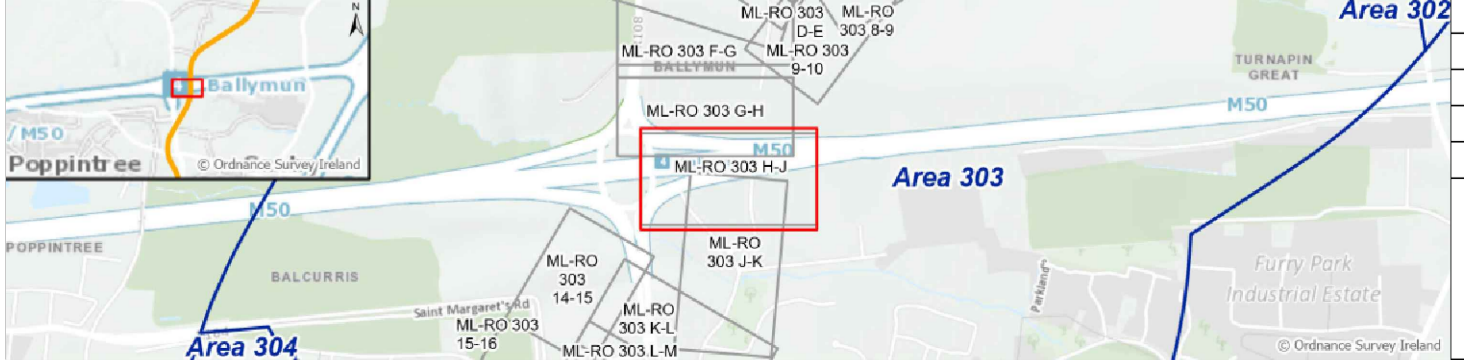
- EXISTING KERB
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- EXISTING WALL TO BE REMOVED
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- PROPOSED CAR PARKING
- PROPOSED BICYCLE PARKING
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- TREES TO BE REMOVED
- TREES TO BE RETAINED
- PROPOSED NOISE BARRIER



FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-07



- NOTES:**
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  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	29/07/21	For Railway Order	SS	RS	RS	NC
P03	30/11/21	For Railway Order	JR	RS	AS	NC
P04	19/05/22	For Railway Order	BJ	JR	AS	PB

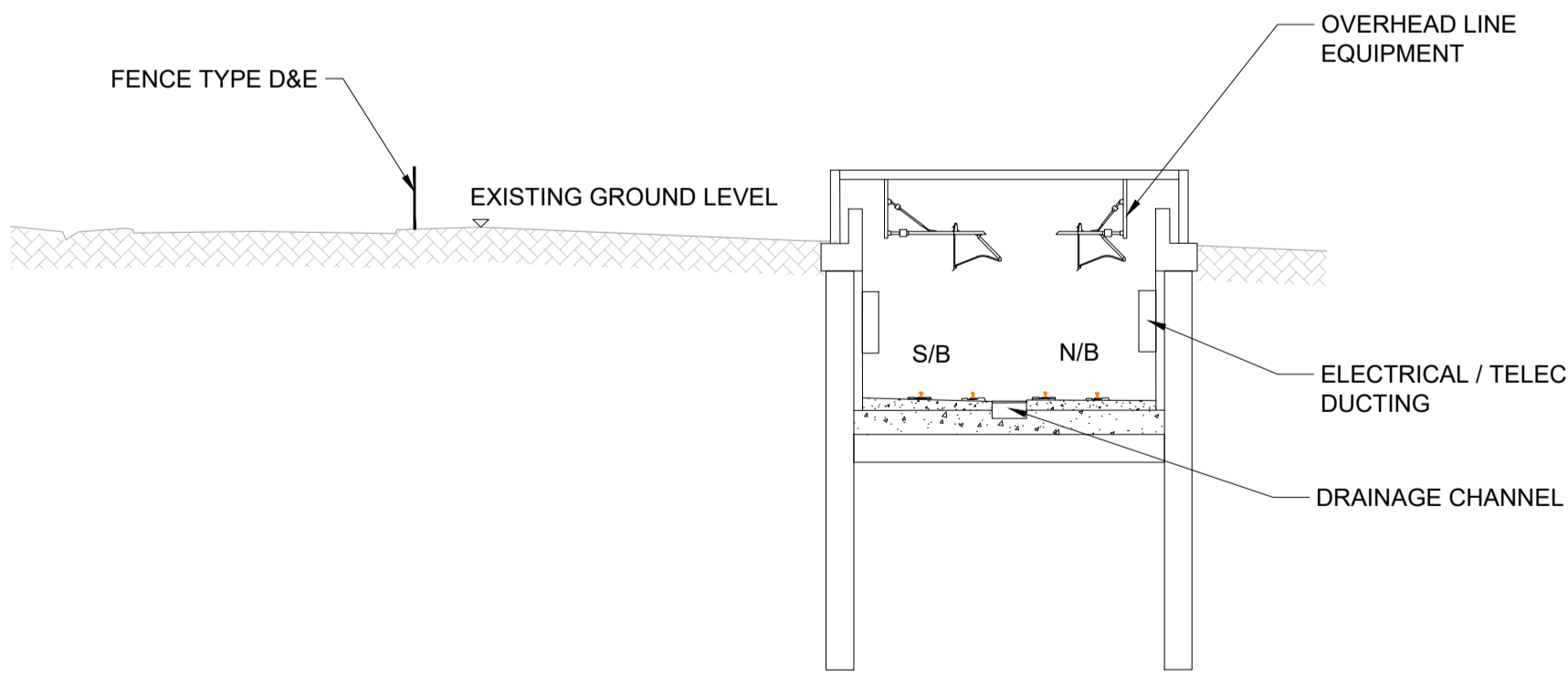
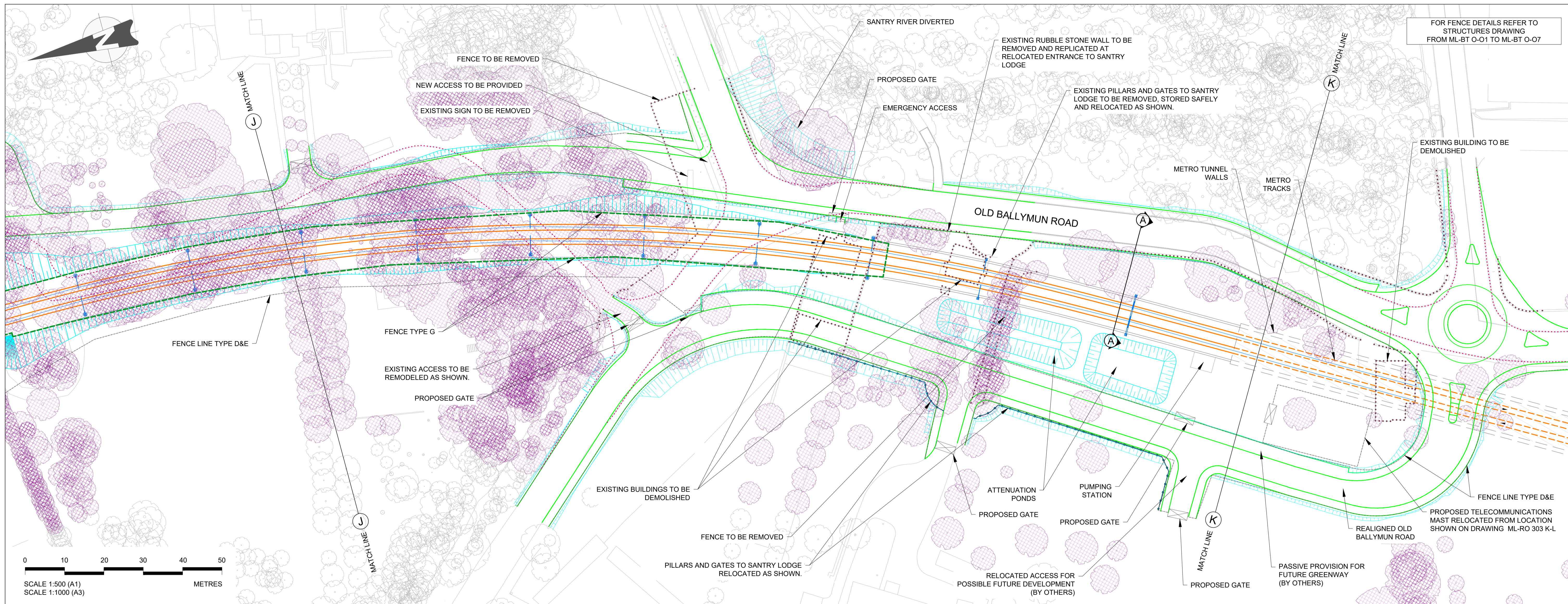
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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLG).

Client: **TII** **NTA**

Project: **METROLINK**

Consultant: **JACOBS** **IDOM**

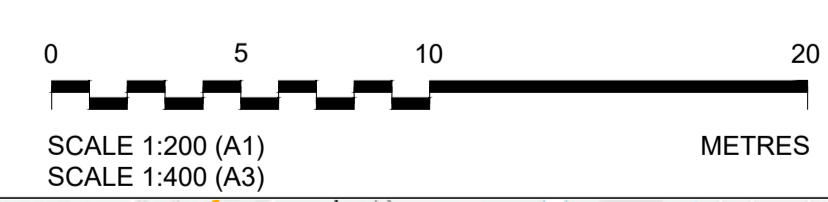
Drawing Title	METROLINK - GENERAL ARRANGEMENT M50 JUNCTION 4 BALLYMUN		Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03055	Plan Drawing N°	ML-RO 303 H-J	
Scales Original Size A1	AS SHOWN		Sheet	1 of 1



**DRAWING LEGEND:**

- EXISTING KERB
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- ▒▒▒▒▒▒▒ PROPOSED EARTHWORK
- ↑↑↑ OVERHEAD LINES
- EXISTING WALL TO BE REMOVED
- TRAFFIC FLOW
- ▒▒▒▒▒▒▒ METRO TUNNEL EXTENTS
- ▒▒▒▒▒▒▒ METRO RAIL TRACKS
- ▒▒▒▒▒▒▒ PROPOSED CAR PARKING
- ▒▒▒▒▒▒▒ PROPOSED BICYCLE PARKING
- ⊠ EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- ⊠ VENTILATION GRILLE AT GROUND LEVEL
- ⊗ TREES TO BE REMOVED
- TREES TO BE RETAINED
- PROPOSED NOISE BARRIER

- NOTES:**
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  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	29/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	25/05/22	For Railway Order	BJ	JR	AS	PB
P04	16/08/22	For Railway Order	GB	MM	MM	PB

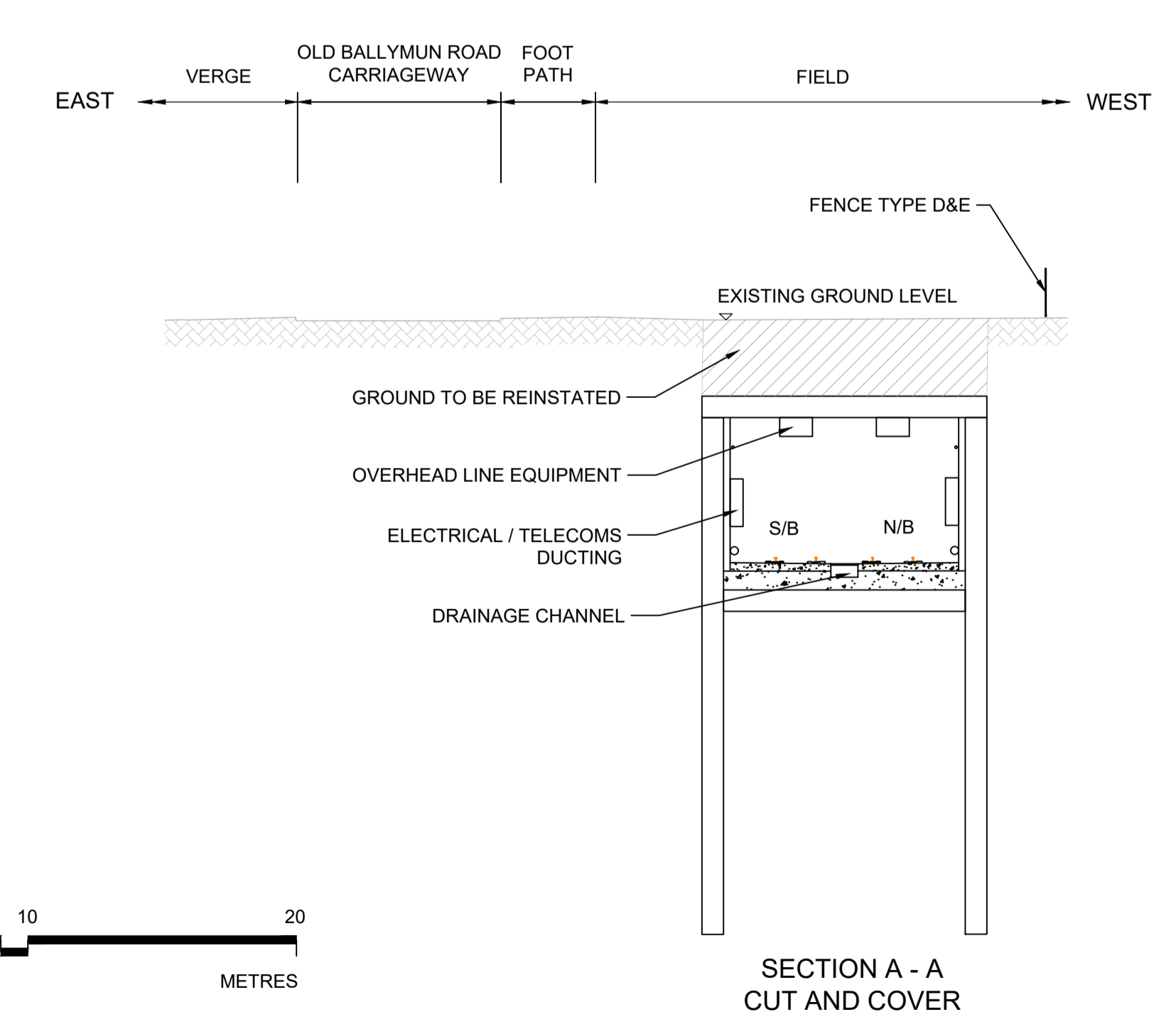
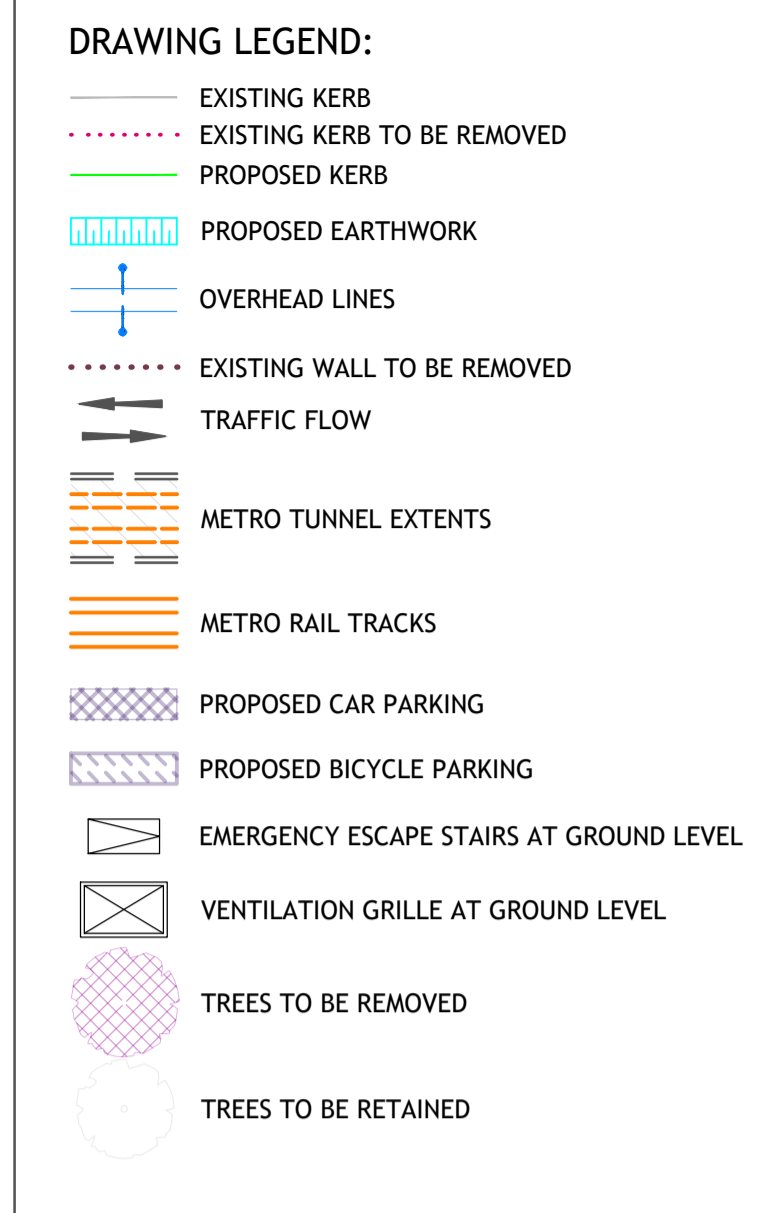
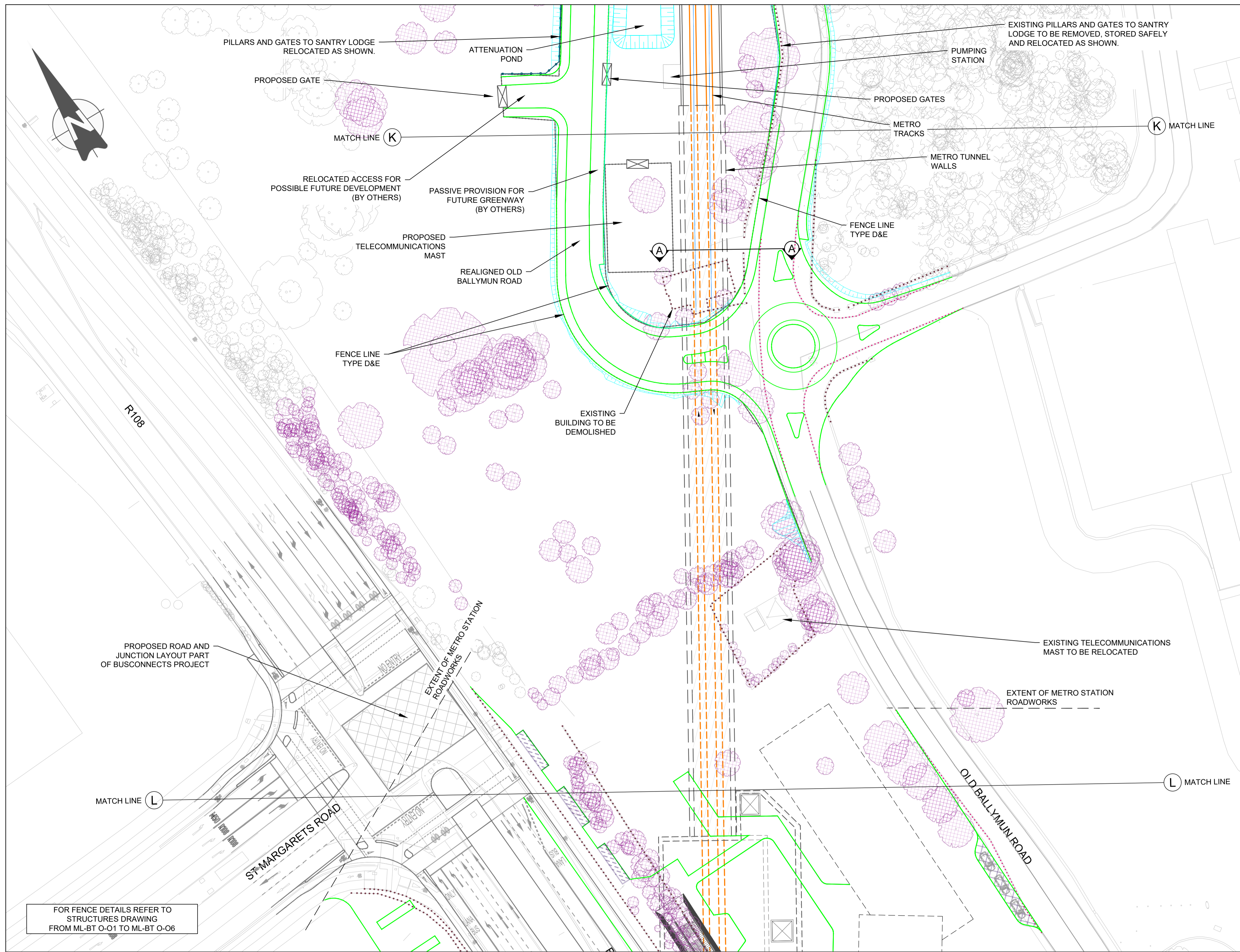
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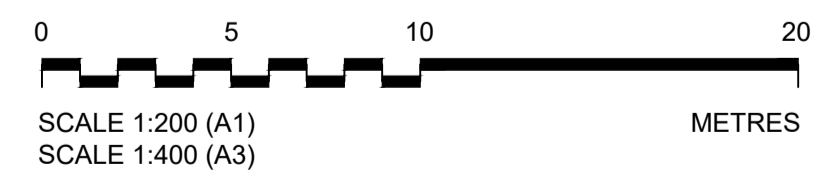
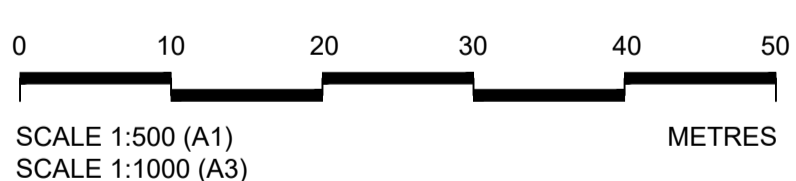
All elevations are in metres and relate to OSI Geoid Model (OSGM02) Mean Head as defined by existing Project Control.

All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLG).

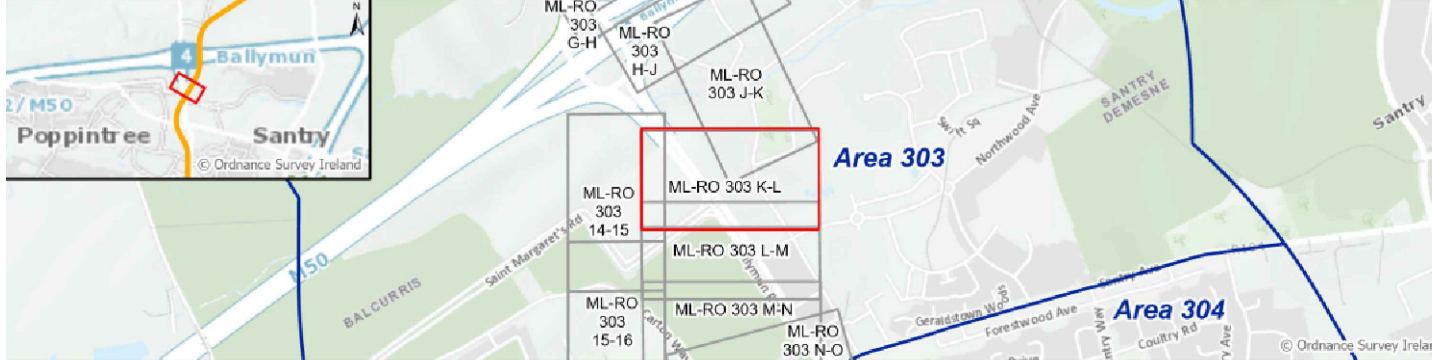
Client	TII NTA	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT OLD BALLYMUN ROAD (NORTH)	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03056	Plan Drawing N°	ML-RO 303 J-K	Sheet 1 of 1	
Scales Original Size A1 AS SHOWN							



FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06



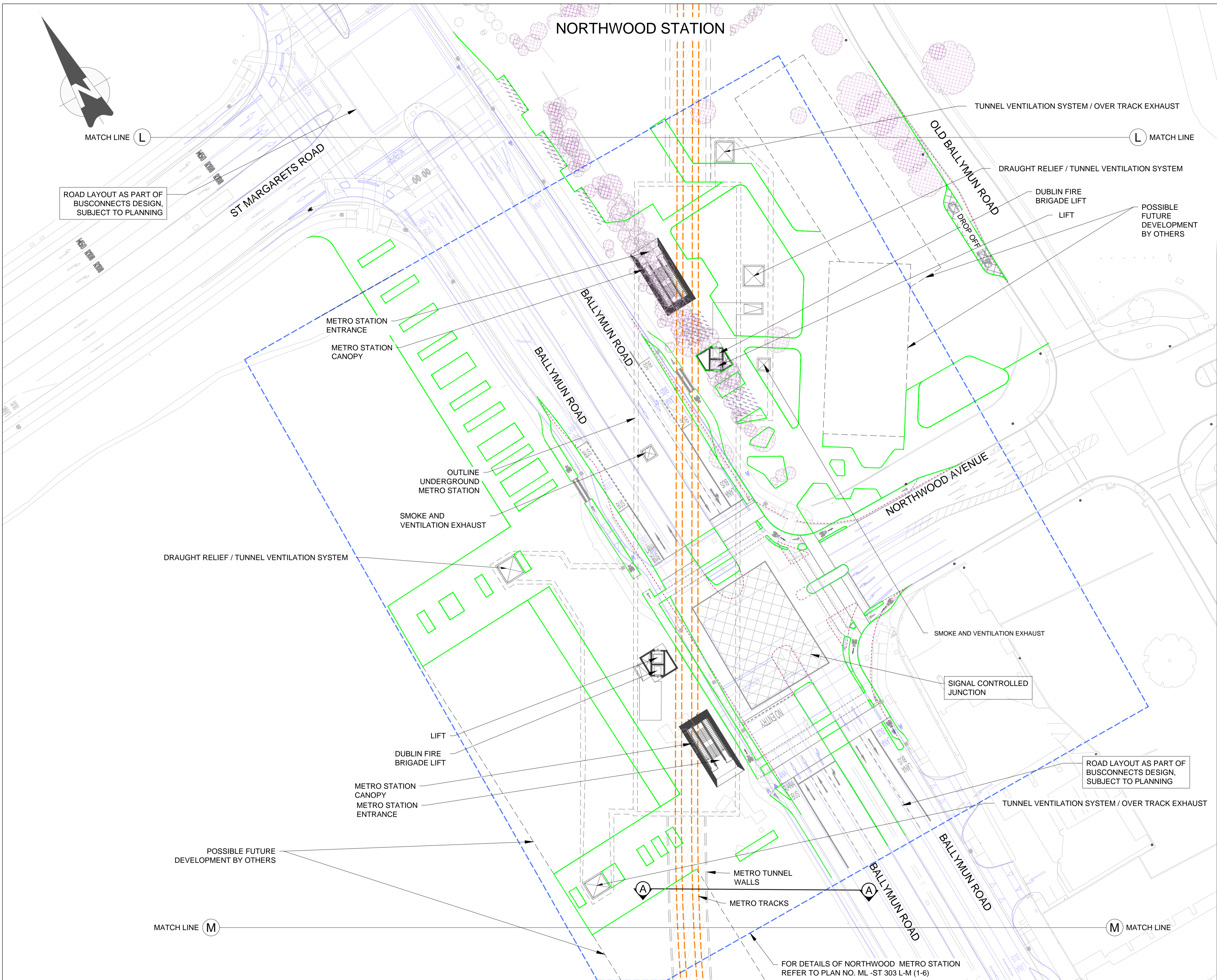
- NOTES:**
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  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	29/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	25/05/22	For Railway Order	BJ	JR	AS	PB

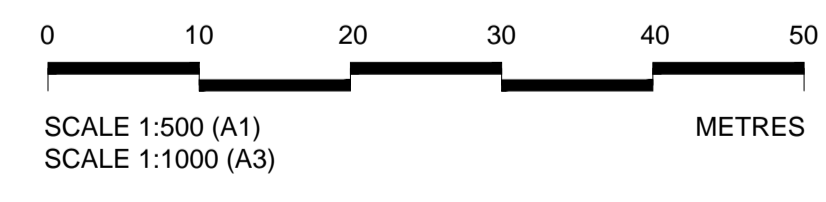
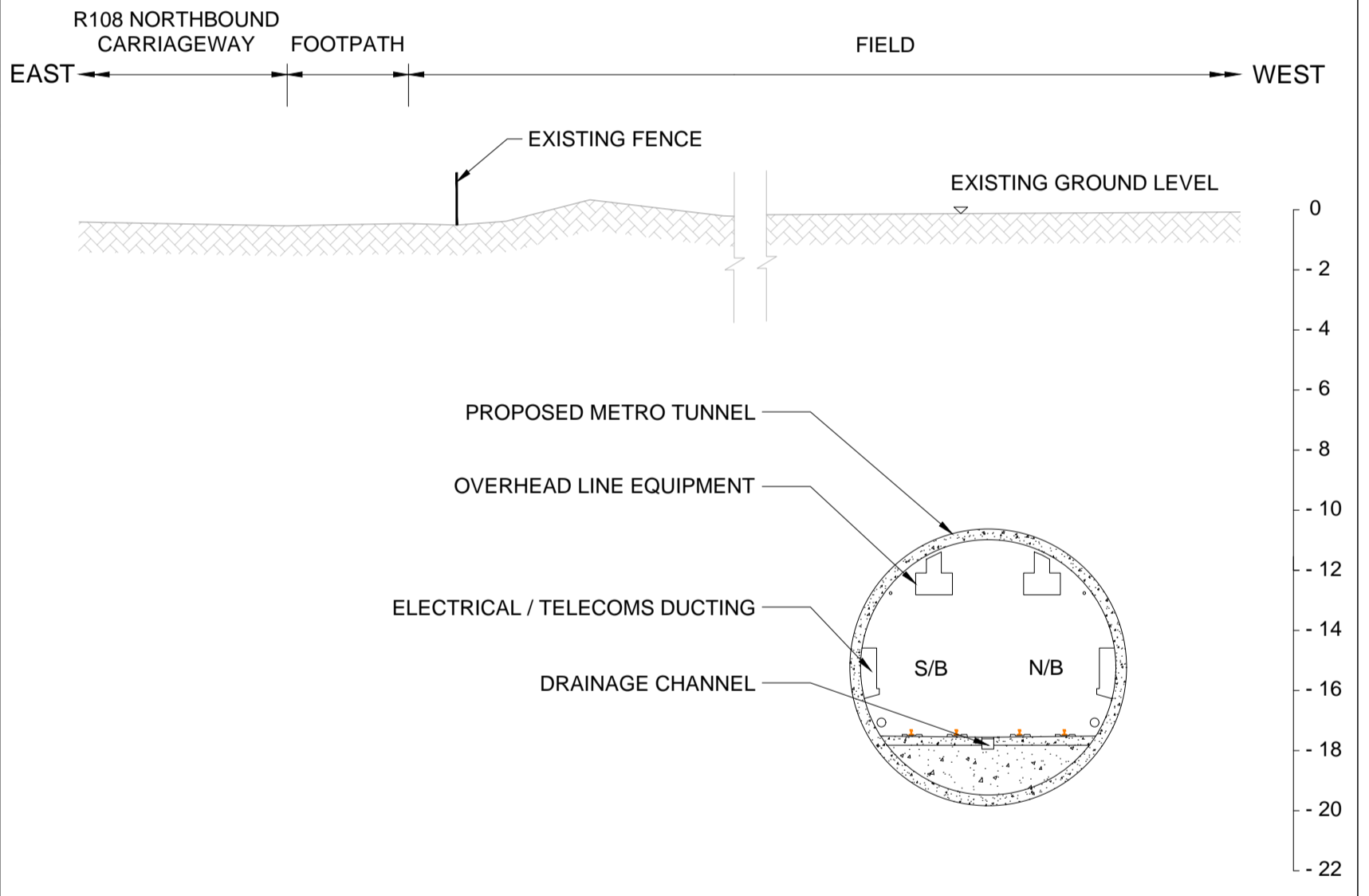
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Client <b>TII</b> <b>NTA</b> Transport Infrastructure Ireland / Údarás Náisiúnta Iompar	Project <b>METROLINK</b>	Drawing Title METROLINK - GENERAL ARRANGEMENT GULLIVER'S RETAIL PARK	Drawing Status S0
Consultant <b>JACOBS</b> <b>IDOM</b>	Drawing N° ML1-JAI-ARD-ROUT_XX-DR-Y-03057	Plan Drawing N° ML-RO 303 K-L	Sheet 1 of 1
Scales Original Size A1 AS SHOWN			

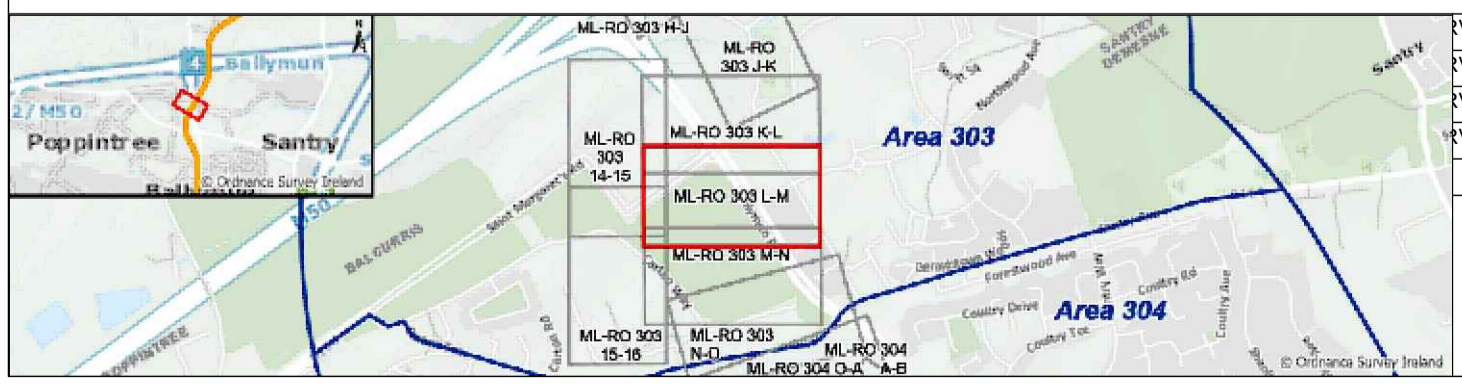


**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED BUSCONNECTS LAYOUT (BY OTHERS)
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- EXISTING WALL TO BE REMOVED
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- PROPOSED CAR PARKING
- PROPOSED BICYCLE PARKING (204 SPACES)
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- TREES TO BE REMOVED
- TREES TO BE RETAINED



- NOTES:**
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  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)

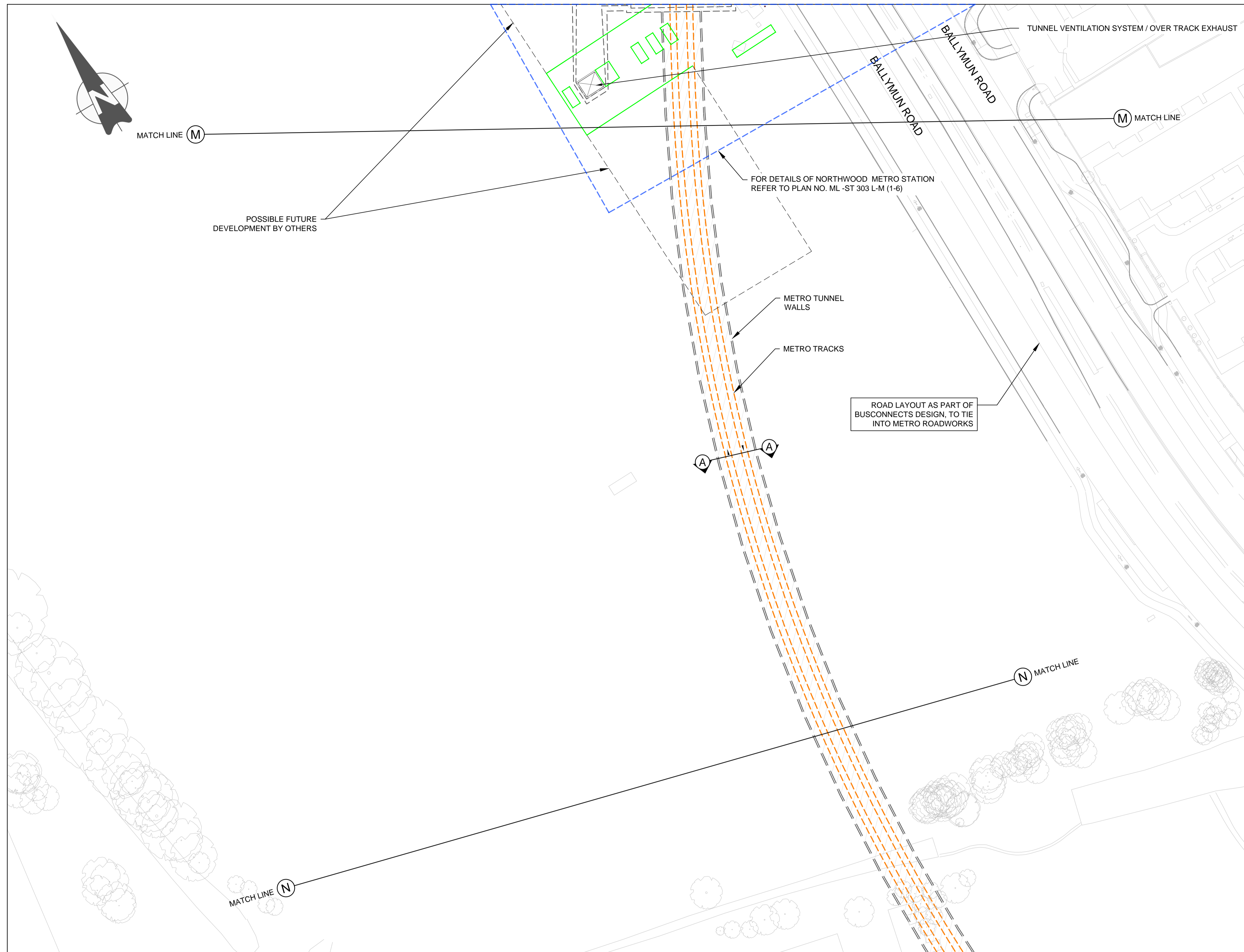


REV.	DATE	DESCRIPTION	RV_BY_4	RV_CHK_4	RV_AUTH_4	RV_APP_4
RV_BY_3	RV_CHK_3	RV_AUTH_3	RV_APP_3			
RV_BY_2	RV_CHK_2	RV_AUTH_2	RV_APP_2			
RV_BY_1	RV_CHK_1	RV_AUTH_1	RV_APP_1			
RV_BY_4	RV_CHK_4	RV_AUTH_4	RV_APP_4			
RV_BY_3	RV_CHK_3	RV_AUTH_3	RV_APP_3			
RV_BY_2	RV_CHK_2	RV_AUTH_2	RV_APP_2			
RV_BY_1	RV_CHK_1	RV_AUTH_1	RV_APP_1			
REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

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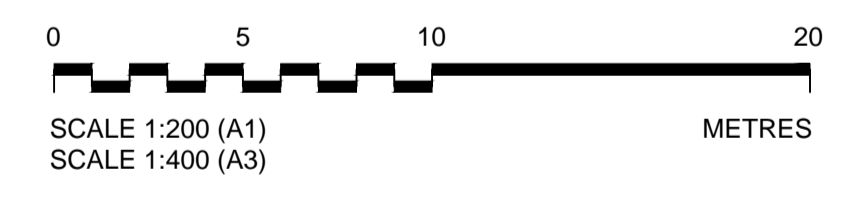
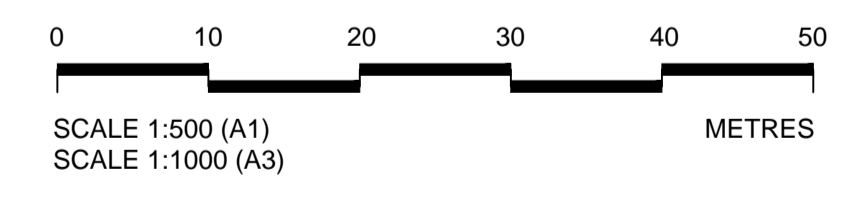
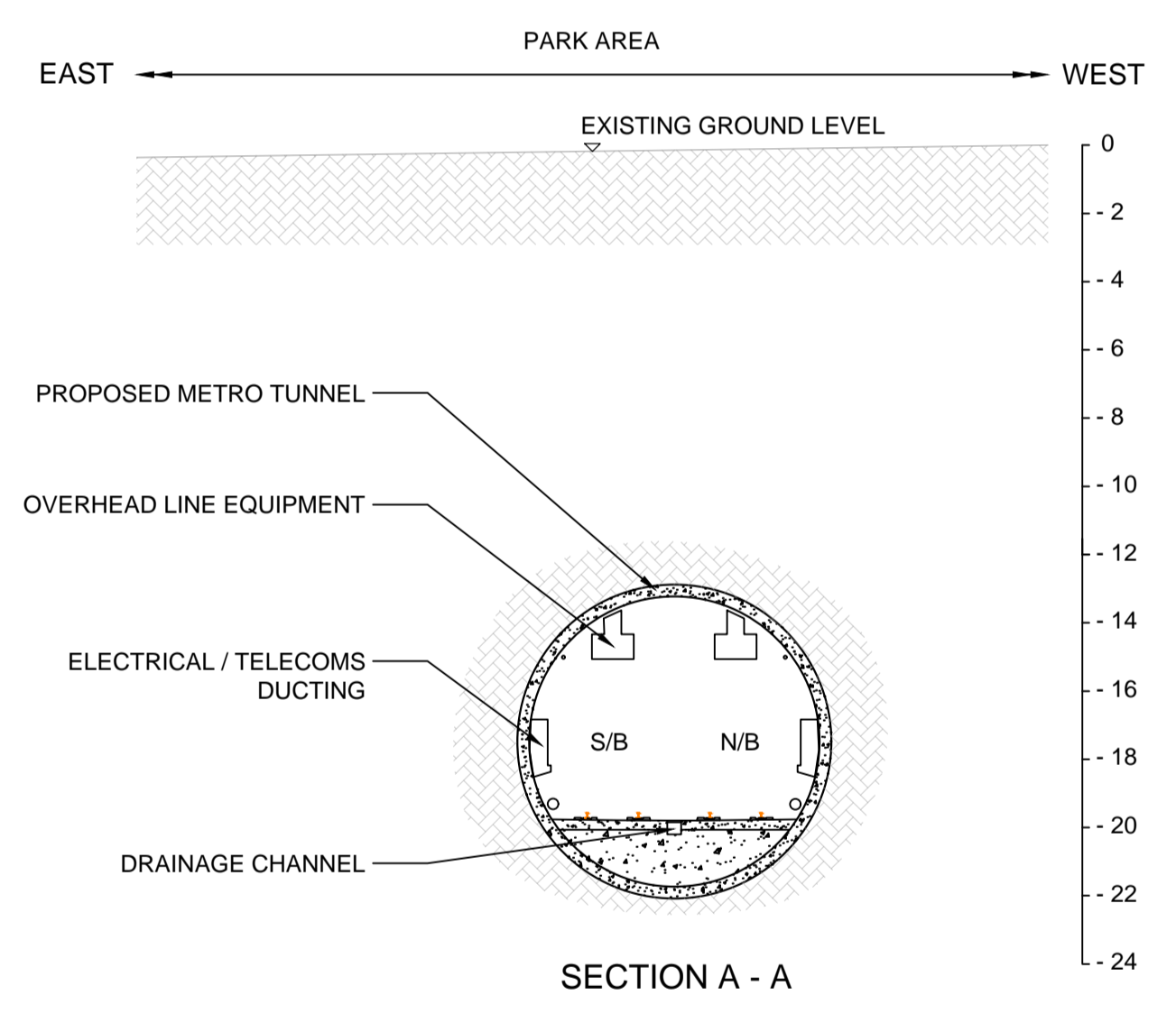
Client	TII NTA	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT NORTHWOOD (SHEET 1 OF 2)	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03058	Plan Drawing N°	ML-RO 303 L-M	Sheet 1 of 1	
		Scales Original Size A1	AS SHOWN				



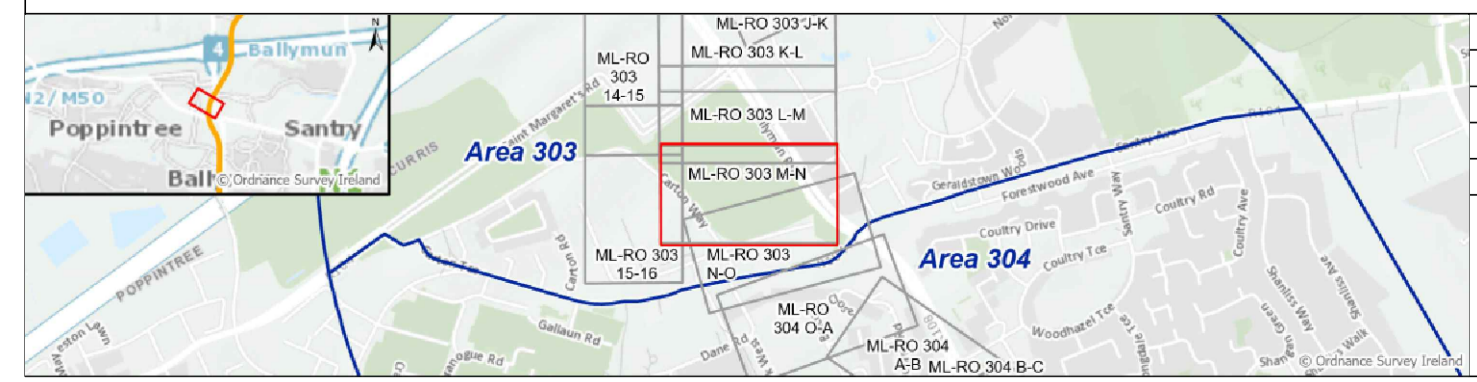


**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED BUSCONNECTS LAYOUT (BY OTHERS)
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- ▒ PROPOSED EARTHWORK
- +— OVERHEAD LINES
- EXISTING WALL TO BE REMOVED
- TRAFFIC FLOW
- ▒ METRO TUNNEL EXTENTS
- ▒ METRO RAIL TRACKS
- ▒ PROPOSED CAR PARKING
- ▒ PROPOSED BICYCLE PARKING
- ▒ EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- ▒ VENTILATION GRILLE AT GROUND LEVEL
- TREES TO BE REMOVED
- TREES TO BE RETAINED



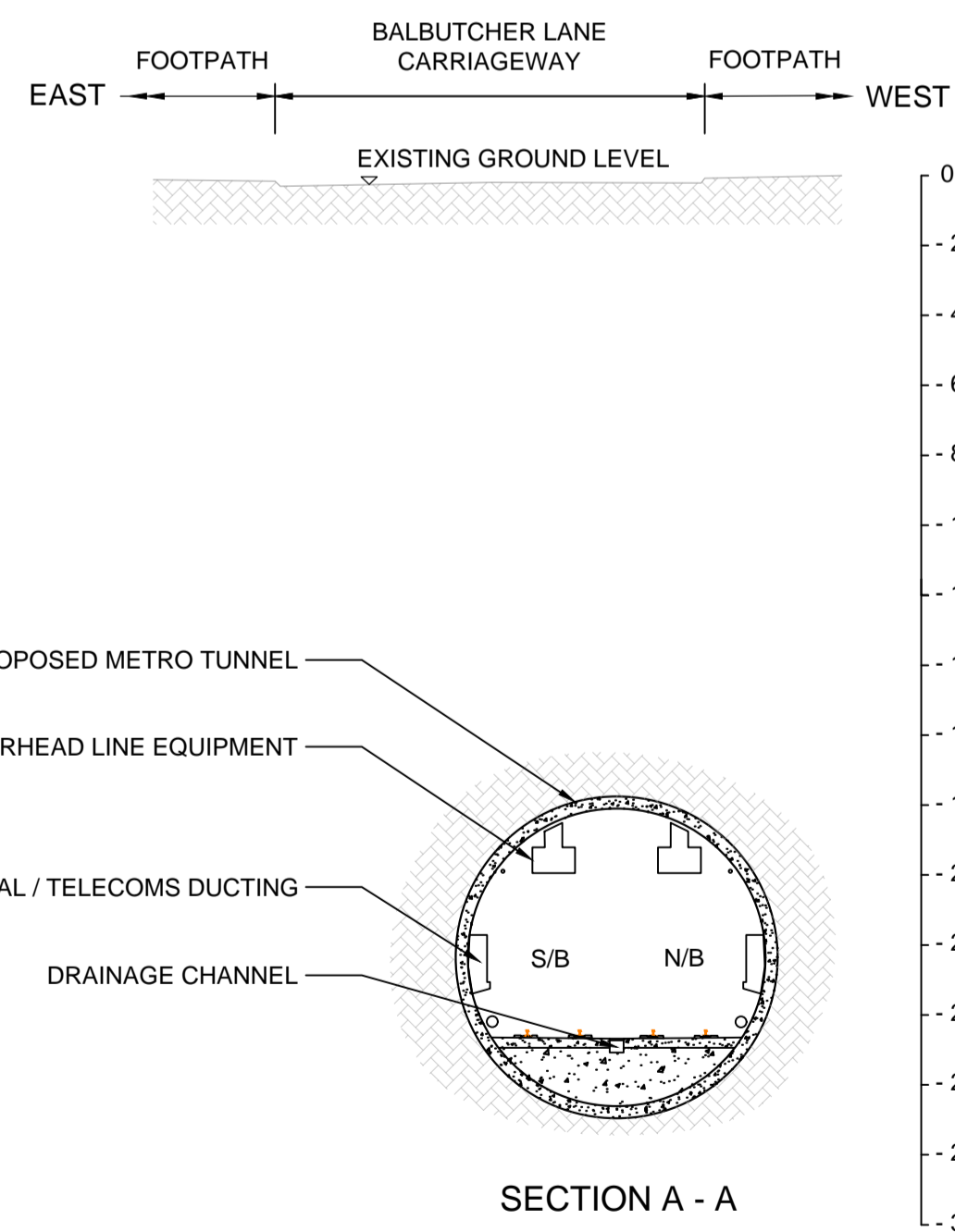
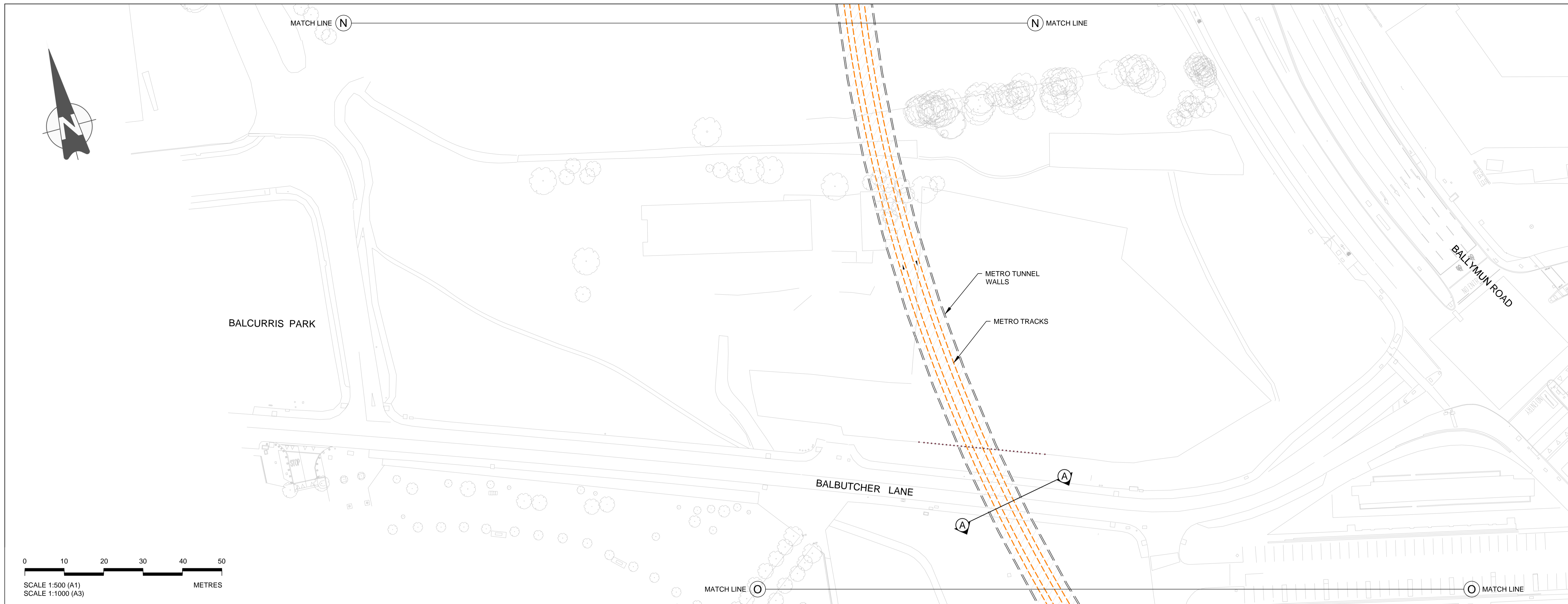
- NOTES:**
1. FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  2. FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  3. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



P01	29/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	19/05/22	For Railway Order	BJ	JR	AS	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

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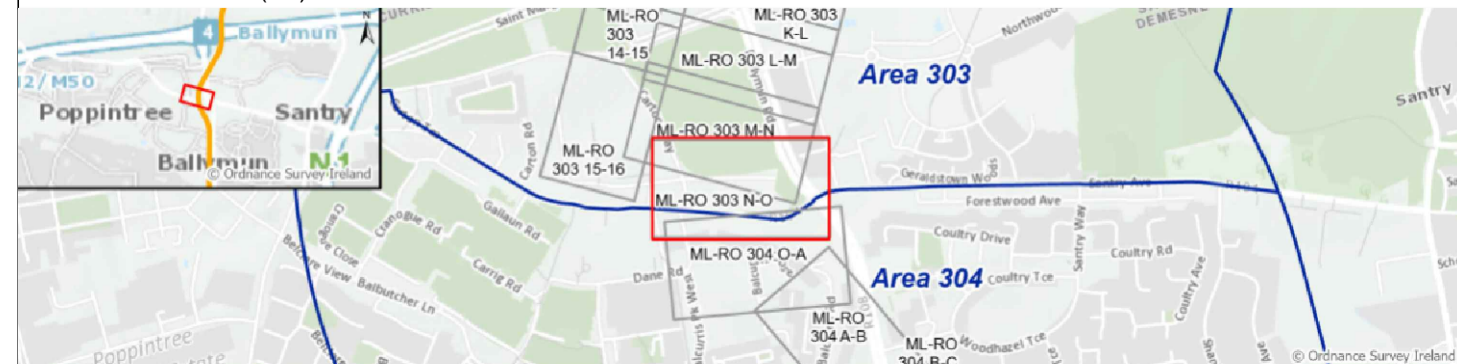
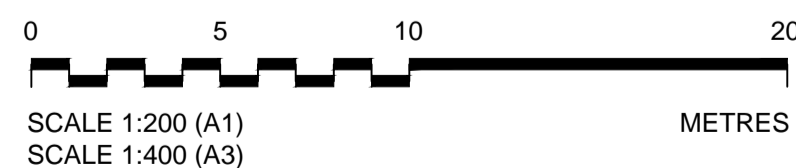
Client	TII NTA Udarás Náisiúnta Iompar National Transport Authority	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT NORTHWOOD (SHEET 2 OF 2)	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03059	Plan Drawing N°	ML-RO 303 M-N	Scales Original Size A1 AS SHOWN	
						Sheet	1 of 1



**DRAWING LEGEND:**

- EXISTING KERB
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB
- ▨ PROPOSED EARTHWORK
- OVERHEAD LINES
- EXISTING WALL TO BE REMOVED
- TRAFFIC FLOW
- ▨ METRO TUNNEL EXTENTS
- ▨ METRO RAIL TRACKS
- ▨ PROPOSED CAR PARKING
- ▨ PROPOSED BICYCLE PARKING
- ▨ EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- ▨ VENTILATION GRILLE AT GROUND LEVEL
- TREES TO BE REMOVED
- TREES TO BE RETAINED

- NOTES:**
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  - FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



P01	29/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	19/05/22	For Railway Order	BJ	JR	AS	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

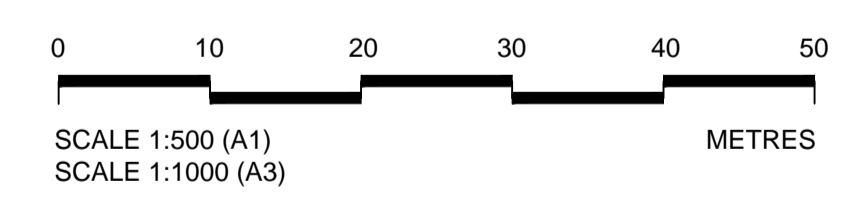
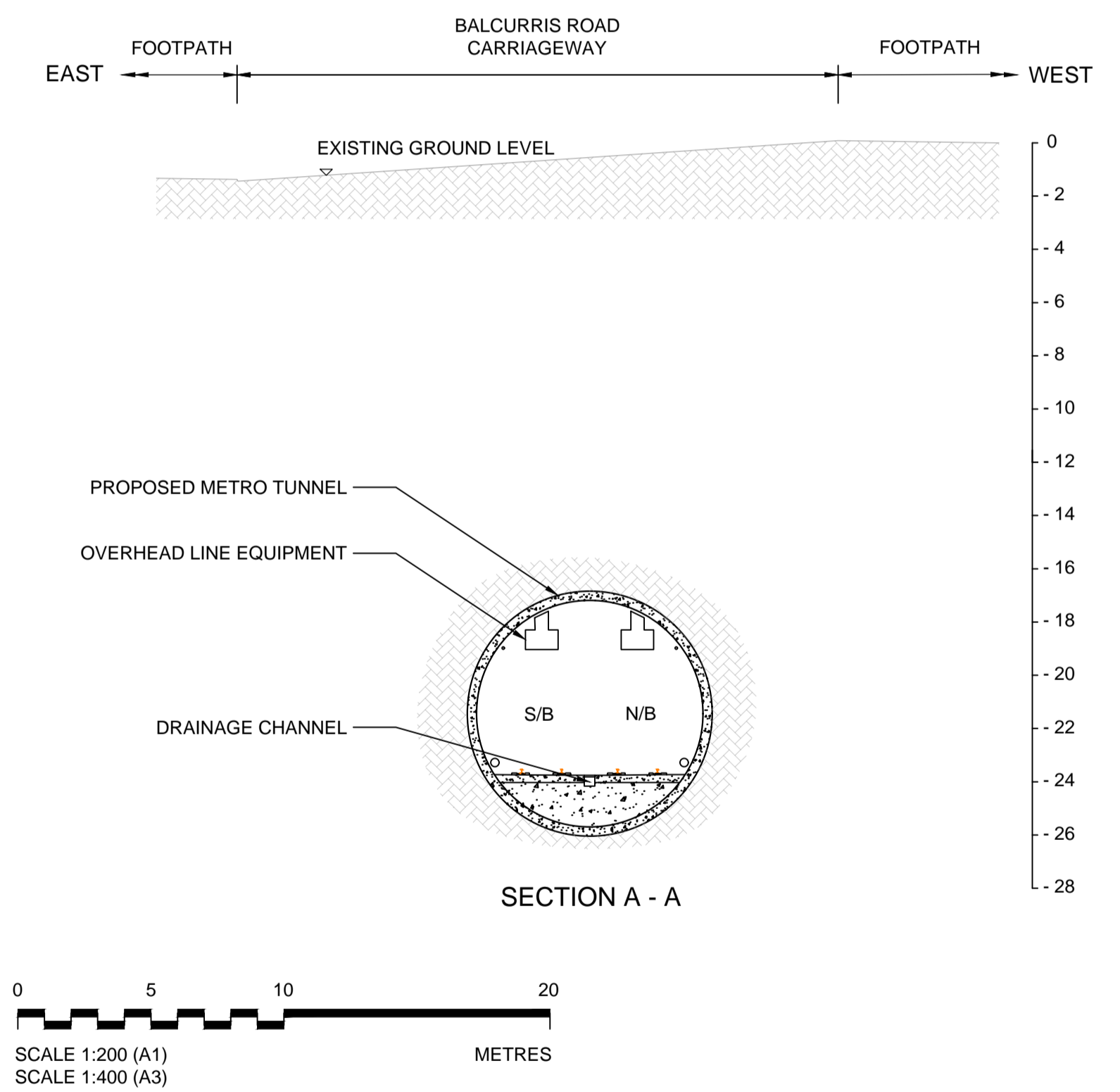
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Client	TII NTA Udarás Náisiúnta Iompar National Transport Authority	Project	METROLINK	Drawing Title	METROLINK - GENERAL ARRANGEMENT BALBUTCHER LANE	Drawing Status	S0
Consultant	JACOBS IDOM	Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03062	Plan Drawing N°	ML-RO 303 N-O	Sheet 1 of 1	
		Scales Original Size A1	1:500				

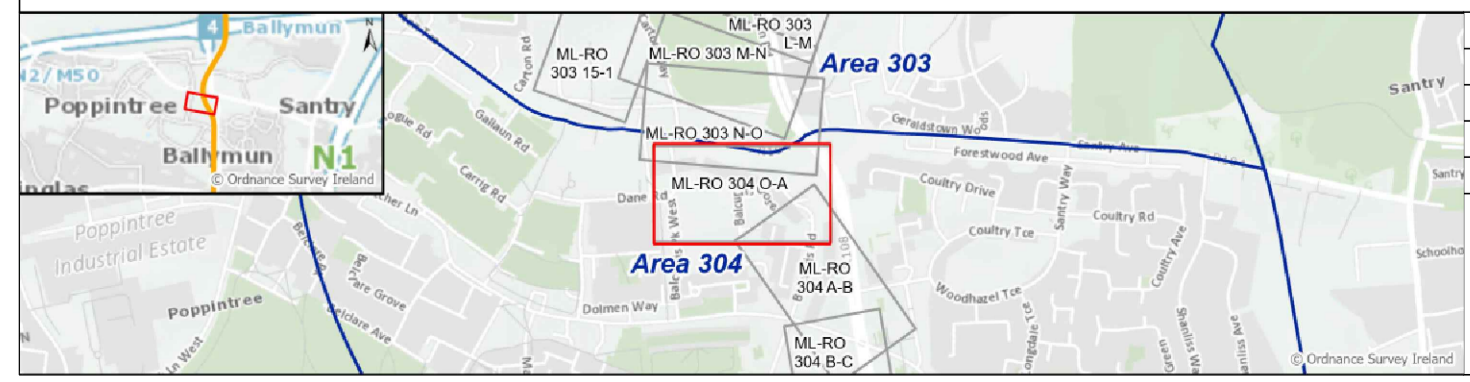


**DRAWING LEGEND:**

- EXISTING KERB
- PROPOSED EARTHWORK
- OVERHEAD LINES
- TRAFFIC FLOW
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED



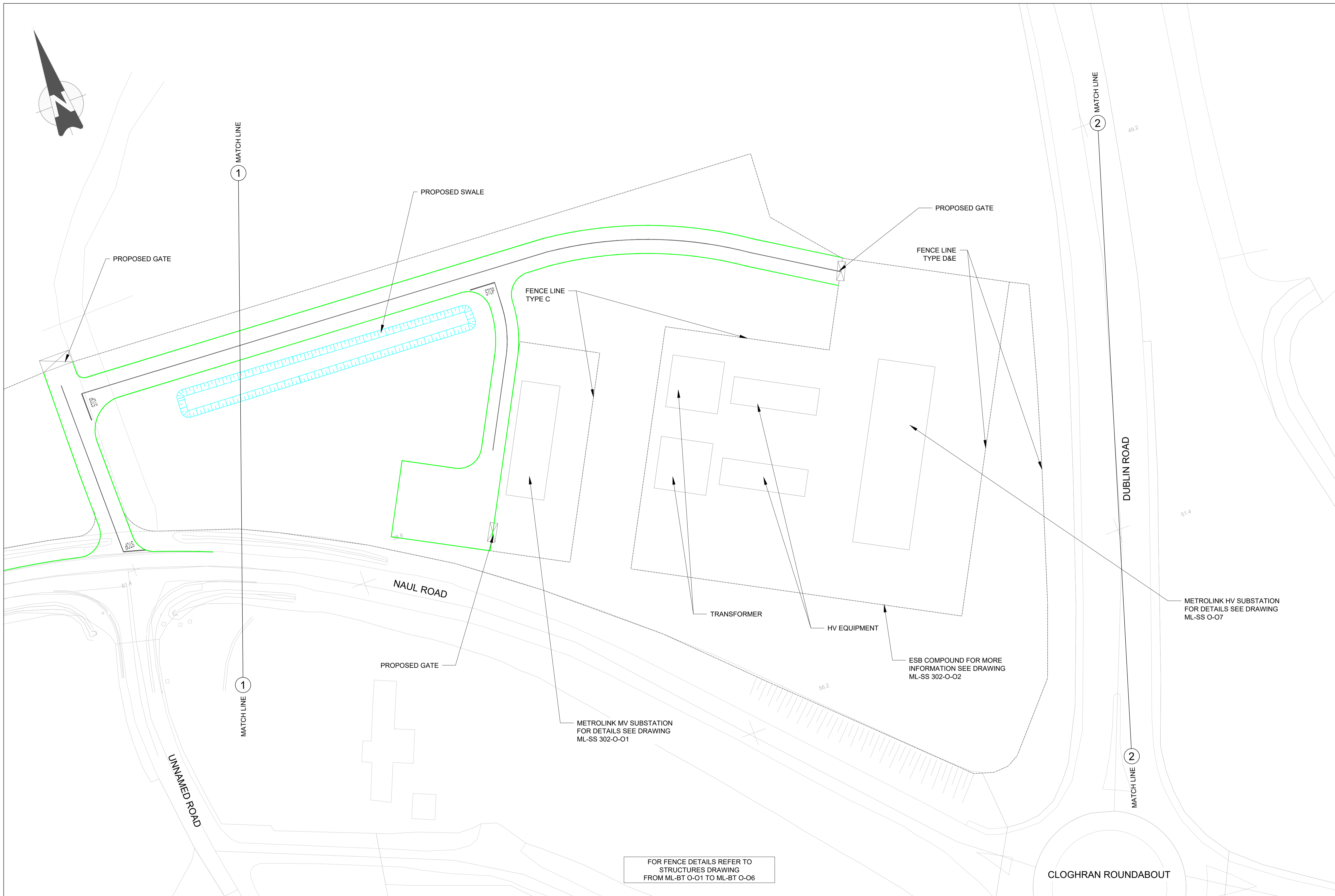
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  3. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



P01	09/07/21	For Railway Order	JR	RS	AS	NC
P04	31/10/21	For Railway Order	JR	RS	AS	NC
P05	19/05/22	For Railway Order	BJ	JR	AS	PB
REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

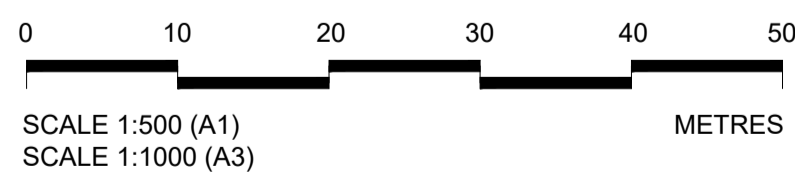
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 All elevations are in metres and relate to OSi Geoid Model (OSGM02) Main Head as defined by existing Project Control.  
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client		Project	<b>METROLINK</b>	Drawing Title	METROLINK - GENERAL ARRANGEMENT BALBUTCHER LANE TO BALCURRIS ROAD	Drawing Status	S0
Consultant		Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03063	Plan Drawing N°	ML-RO 304 O-A	Scales Original Size A1 AS SHOWN	
						Sheet	1 of 1

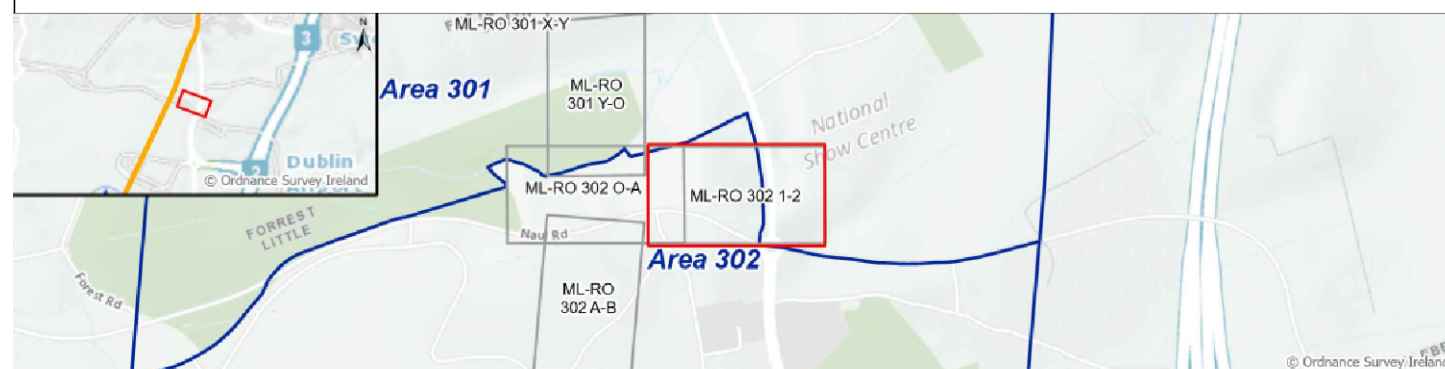


- DRAWING LEGEND:**
- EXISTING KERB
  - ▤ PROPOSED EARTHWORK
  - +— OVERHEAD LINES
  - TRAFFIC FLOW
  - ▤ METRO TUNNEL EXTENTS
  - ▤ METRO RAIL TRACKS
  - ⊗ TREES TO BE REMOVED
  - ⊙ TREES TO BE RETAINED
  - PROPOSED KERB

FOR FENCE DETAILS REFER TO STRUCTURES DRAWING FROM ML-BT O-01 TO ML-BT O-06



- NOTES:**
1. FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
  2. FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
  3. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	22/11/21	For Railway Order	JR	RS	AS	NC
P02	01/06/22	For Railway Order	BJ	JR	AS	PB
P03	17/08/22	For Railway Order	GB	MM	MM	PB

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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLG).

Client: **TII** **NTA** (Údarás Náisiúnta Iompair National Transport Authority)

Project: **METROLINK**

Consultant: **JACOBS** **IDOM**

Drawing Title	METROLINK - GENERAL ARRANGEMENT NAUL ROAD (SHEET 2 OF 2)		Drawing Status	S0
Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03099	Plan Drawing N°	ML-RO 302 1-2	
Scales Original Size A1	AS SHOWN	Sheet	1	of 1