METROLINK

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Draft Railway Order 2022

Estuary to Charlemont

Plans of Proposed Railway Works
Updated Drawings
Fingal County Council and
Dublin City Council
AREA ML301-307
Lissenhall to Ranelagh Road

Book 1 of 1

Bonneagar Iompair Éireann
Transport Infrastructure Ireland

Údarás Náisiúnta Iompair
National Transport Authority

Rialtas na hÉireann
Government of Ireland

Tionscadal Éireann
Project Ireland
2040

MetroLink Oral Hearing - Railway Order Application Drawing Updates (grouped by proposed change)

Item No.	Description of Change	Drawing Number	Drawing Title		Details of Change(s) Made to Drawing
1	**St. Stephen's Green Station to Charlemont Station** - Tunnel vertical alignment change.	ML1-JAI-ARD-ROUT_XX-DR-Y-01018	METROLINK - ALIGNMENT	LONG SECTION 18	Alignment long section showing proposed lowered alignment between St Stephen's Green and Charlemont.
2		ML1-JAI-ARD-ROUT_XX-DR-Y-01019	METROLINK - ALIGNMENT	LONG SECTION 19	Alignment long section showing proposed lowered alignment between St Stephen's Green and Charlemont.
3		ML1-JAI-ARD-ROUT_XX-DR-Y-03094	METROLINK - GENERAL ARRANGEMENT	ST. STEPHEN'S GREEN TO HATCH ST LOWER	Addition of new underground pumping station and lowering of tunnel in Section A-A to reflect lowered alignment between St Stephen's Green and Charlemont stations.
4		ML1-JAI-ARD-ROUT_XX-DR-Y-03095	METROLINK - GENERAL ARRANGEMENT	HATCH STREET LOWER TO GRANDE PARADE	Addition of new underground pumping station and lowering of tunnel in Section A-A to reflect lowered alignment between St Stephen's Green and Charlemont stations.
5		ML1-JAI-URD-ROUT_XX-DR-Y-01094	METROLINK - UTILITY DIVERSION	SAINT STEPHEN'S GREEN TO HATCH STREET LOWER	Addition of new underground pumping station to accommodate lowered alignment between St Stephen's Green and Charlemont stations.
6		ML1-JAI-URD-ROUT_XX-DR-Y-01095	METROLINK - UTILITY DIVERSION	HATCH STREET LOWER TO GRANDE PARADE	Addition of new underground pumping station to accommodate lowered alignment between St Stephen's Green and Charlemont stations.
7	**Seatown Villas** - Additional 30m of cut and cover tunnel replacing retained open cut.	ML1-JAI-ARD-ROUT_XX-DR-Y-01001	METROLINK - ALIGNMENT	LONG SECTION 1	Long section showing the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
8		ML1-JAI-ARD-ROUT_XX-DR-Y-03011	METROLINK - GENERAL ARRANGEMENT	BALHEARY DEMESNE (SHEET 5 OF 5)	General arrangement showing the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
9		ML1-JAI-ARD-ROUT_XX-DR-Y-03012	METROLINK - GENERAL ARRANGEMENT	SEATOWN (SHEET 1 OF 3)	General arrangement drawing showing the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
10		ML1-JAI-ARL-SC01_XX-DR-Y-00002	LANDSCAPE	ESTUARY- SEATOWN	Landscape drawing incorporating the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
11		ML1-JAI-ARL-SC01_XX-DR-Y-00003	LANDSCAPE	ESTUARY - SEATOWN	Landscape drawing incorporating the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
12		ML1-JAI-URD-ROUT_XX-DR-Y-02011	METROLINK - PROPOSED SURFACE DRAINAGE	BALHEARY DEMESNE (SHEET 5 OF 5)	Utilities Surface Water drawing incorporating the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
13		ML1-JAI-URD-ROUT_XX-DR-Y-02012	METROLINK - PROPOSED SURFACE DRAINAGE	SEATOWN (SHEET 1 OF 3)	Utilities Surface Water drawing incorporating the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
14		ML1-JAI-URD-ROUT_XX-DR-Y-01011	METROLINK - UTILITY DIVERSION	BALHEARY DEMESNE (SHEET 5 OF 5)	Utilities drawing incorporating the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
15		ML1-JAI-URD-ROUT_XX-DR-Y-01012	METROLINK - UTILITY DIVERSION	SEATOWN (SHEET 1 OF 3)	Utilities drawing incorporating the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
16		ML1-JAI-BOR-ROUT_XX-DR-Y-01012	METRO LINK - PROPERTY DETAILS	SEATOWN (SHEET 1 OF 3)	Property drawing incorporating the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
17	**Balheary Park** - revised pitch layout showing full size all weather pitch.	ML1-JAI-ARD-ROUT_XX-DR-Y-03009	METROLINK - GENERAL ARRANGEMENT	BALHEARY DEMESNE (SHEET 3 OF 5)	General arrangement showing revised GAA pitch layout in Balheary Park.
18		ML1-JAI-ARD-ROUT_XX-DR-Y-03010	METROLINK - GENERAL ARRANGEMENT	BALHEARY DEMESNE (SHEET 4 OF 5)	General arrangement showing revised GAA pitch layout in Balheary Park.
19		ML1-JAI-ARD-ROUT_XX-DR-Y-03011	METROLINK - GENERAL ARRANGEMENT	BALHEARY DEMESNE (SHEET 5 OF 5)	General arrangement showing revised GAA pitch layout in Balheary Park.

MetroLink Oral Hearing - Railway Order Application Drawing Updates (grouped by proposed change)

Item No.	Description of Change	Drawing Number	Drawing Title		Details of Change(s) Made to Drawing
20	**Pinnockhill** - Replacement of approximately 50m of retained open cut south of Pinnockhill roundabout with cut and cover tunnel and revisions to property access.	ML1-JAI-ARD-ROUT_XX-DR-Y-03022	METROLINK - GENERAL ARRANGEMENT	PINNOCK HILL ROUNDABOUT	General arrangement drawing showing revised property access arrangements and replacement of 50m of retained open cut with cut and cover tunnel.
21		ML1-JAI-ARL-SC03_XX-DR-Y-00006	LANDSCAPE LAYOUT	SWORDS CENTRAL - FOSTERSTOWN	General arrangement drawing showing revised property access arrangements and replacement of 50m of retained open cut with cut and cover tunnel.
22		ML1-JAI-URD-ROUT_XX-DR-Y-01022	METROLINK - UTILITY DIVERSION	PINNOCK HILL ROUNDABOUT	Utilities drawing showing revised property access arrangements and replacement of 50m of retained open cut with cut and cover tunnel.
23		ML1-JAI-URD-ROUT_XX-DR-Y-02022	METROLINK - PROPOSED SURFACE DRAINAGE	PINNOCK HILL ROUNDABOUT	Utilities Surface Water drawing showing revised property access arrangements and replacement of 50m of retained open cut with cut and cover tunnel.
24		ML1-JAI-ARD-ROUT_XX-DR-Y-01003	METROLINK - ALIGNMENT	LONG SECTION 3	Long section drawing showing replacement of 50m of retained open cut with cut and cover tunnel.
25		ML1-JAI-BOR-ROUT_XX-DR-Y-01022	METRO LINK - PROPERTY DETAILS PINNOCK HILL ROUNDABOUT	PINNOCK HILL ROUNDABOUT	Property drawing reflecting replacement of 50m of retained open cut with cut and cover tunnel.
26	**Dublin Airport Tunnel** - Ventilation and access tunnel cross sections changed to reflect proposed TBM construction methodology.	ML1-JAI-ARD-ROUT_XX-DR-Y-03035	METROLINK - GENERAL ARRANGEMENT	DUBLIN AIRPORT (SHEET 5 OF 5)	Section A-A ventilation tunnel cross-section changed to a circular profile reflecting proposed TBM construction methodology.
27		ML1-JAI-ARD-ROUT_XX-DR-Y-03036	METROLINK - GENERAL ARRANGEMENT	BALLYSTRAUN (SHEET 1 OF 7)	Section A-A ventilation and emergency exit tunnel cross-sections changed to a circular profile reflecting proposed TBM construction methodology.
28		ML1-JAI-SRD-ROUT_XX-DR-Y-01002	METROLINK - STRUCTURES SOUTH PORTAL	GENERAL ARRANGEMENT	Ventilation tunnel cross-section changed to a circular profile reflecting proposed TBM construction methodology.
29		ML1-JAI-SRD-ROUT_XX-DR-Y-01003	METROLINK - STRUCTURES SOUTH PORTAL VENTILATION AND EMERGENCY ACCESS	GENERAL ARRANGEMENT	Ventilation tunnel and emergency exit tunnel cross-section changed to a circular profile reflecting proposed TBM construction methodology.
30	**Santry Lodge** - amendments to Santry Lodge entrance arising from agreement with Fingal County Council.	ML1-JAI-ARD-ROUT_XX-DR-Y-03056	METROLINK - GENERAL ARRANGEMENT	OLD BALLYMUN ROAD (NORTH)	General arrangement drawing showing amendments of entrance to Santry Lodge arising from agreement with FCC.
31		ML1-JAI-ARL-SC07_GF-DR-X-00113	LANDSCAPE LAYOUT	NORTHWOOD - BALLYMUN	Landscape drawing showing amendments of entrance to Santry Lodge arising from agreement with FCC.
32		ML1-JAI-URD-ROUT_XX-DR-Y-02056	METROLINK - PROPOSED SURFACE DRAINAGE	OLD BALLYMUN ROAD (NORTH)	Utilities Surface Water drawing showing amendments of entrance to Santry Lodge arising from agreement with FCC.
33	**Gullivers Retail Park (Northwood)** - revised roundabout design to reduce permanent landtake.	ML1-JAI-ARD-ROUT_XX-DR-Y-03057	METROLINK - GENERAL ARRANGEMENT	GULLIVER'S RETAIL PARK	General arrangement drawing showing revised roundabout design arising from agreement with landowner.
34		ML1-JAI-ARL-SC07_GF-DR-Y-00114	LANDSCAPE LAYOUT	NORTHWOOD - BALLYMUN	Landscape drawing showing revised roundabout design arising from agreement with landowner.
35		ML1-JAI-URD-ROUT_XX-DR-Y-01056	METRO LINK - UTILITY DIVERSION	OLD BALLYMUN ROAD (NORTH)	Utility drawing showing revised roundabout design arising from agreement with landowner.
36		ML1-JAI-URD-ROUT_XX-DR-Y-01057	METRO LINK - UTILITY DIVERSION	GULLIVER'S RETAIL PARK	Utility drawing showing revised roundabout design arising from agreement with landowner.
37		ML1-JAI-URD-ROUT_XX-DR-Y-02057	METROLINK - PROPOSED SURFACE DRAINAGE	GULLIVER'S RETAIL PARK	Utility Surface Water drawing showing revised roundabout design arising from agreement with landowner.
38	**Leinster Street Pumping Station** - Addition of previously omitted in-tunnel underground pumping station.	ML1-JAI-ARD-ROUT_XX-DR-Y-03091	METROLINK - GENERAL ARRANGEMENT	PEARSE STREET TO LEINSTER STREET SOUTH	General arrangement drawing now showing previously omitted in-tunnel underground pumping station.
39		ML1-JAI-ARD-ROUT_XX-DR-Y-03092	METROLINK - GENERAL ARRANGEMENT	LEINSTER ST SOUTH TO ST STEPHEN'S GREEN	General arrangement drawing now showing previously omitted in-tunnel underground pumping station.
40		ML1-JAI-URD-ROUT_XX-DR-Y-01091	METROLINK - UTILITY DIVERSION	PEARSE STREET TO LEINSTER STREET SOUTH	Utility drawing now showing previously omitted in-tunnel underground pumping station.
41		ML1-JAI-URD-ROUT_XX-DR-Y-01092	METROLINK - UTILITY DIVERSION	LEINSTER STREET SOUTH TO SAINT STEPHEN'S GREEN	Utility drawing now showing previously omitted in-tunnel underground pumping station.

MetroLink Oral Hearing - Railway Order Application Drawing Updates (grouped by proposed change)

Item No.	Description of Change	Drawing Number	Drawing Title		Details of Change(s) Made to Drawing
42	**St. Stephen's Green Station** - layout of hostile vehicle management (HVM) bollards revised, previously omitted part of Famine Memorial layout added to drawing, and paving extended to link the MetroLink plaza and the Famine Memorial.	ML1-JAI-ARD-ROUT_XX-DR-Y-03093	METROLINK - GENERAL ARRANGEMENT	SAINT STEPHEN'S GREEN	General arrangement drawing showing previously omitted part of Famine Memorial layout added to drawing.
43		ML1-JAI-SRD-ROUT_XX-DR-Y-02084	ST. STEPHENS GREEN STATION	PROPOSED STREET LEVEL DESIGN	Street Level design drawing showing previously omitted part of Famine Memorial layout added to drawing and layout of HVM bollards revised.
44		ML1-JAI-SRD-ROUT_XX-DR-Y-02085	ST. STEPHENS GREEN STATION	STREET LEVEL ELEVATION	Street level elevation showing revised layout of HVM bollards.
45		ML1-JAI-URD-ROUT_XX-DR-Y-02093	METROLINK - PROPOSED SURFACE DRAINAGE	SAINT STEPHEN'S GREEN	Utility Surface Water drawing showing revised playout of HVM bollards.
46	**Glasnevin Station:** Tow path access onto Prospect Road updated (includes: widened entrance, amended Prospect Road junction layout, changed surface treatment to delineate between tow path and Prospect Road footway, and relocation of two lighting columns to edge of tow path). Change of use within Glasnevin Station entrance building from previous proposed retail unit to "Retail / Cafe / Community Use" including addition of mezzanine level with associated access (lift and stairs).	ML1-JAI-ARD-ROUT_XX-DR-Y-03076	METROLINK - GENERAL ARRANGEMENT	PROSPECT WAY TO ROYAL CANAL	General arrangement drawing showing changes noted by 'Description of Change'.
47		ML1-JAI-SRD-ROUT_XX-DR-Y-02057	GLASNEVIN STATION	PROPOSED STREET LEVEL DESIGN	General arrangement drawing showing changes noted by 'Description of Change'.
48		ML1-JAI-SRD-ROUT_XX-DR-Y-02063	GLASNEVIN STATION	LONGITUDINAL SECTION	Longitudinal section showing change of use within Glasnevin Station entrance building from previous proposed retail unit to "Retail/Cafe/Community Use", including addition of mezzanine level with associated access (lift and stairs).
49		ML1-JAI-SRD-MS11_XX-DR-Y-01001	METROLINK GLASNEVIN HEAVY RAIL	TRACK REALIGNMENT	Track Realignment drawing showing revised road junction layout. Includes: widened entrance, amended Prospect Road junction layout, changed surface treatment to delineate between tow path and Prospect Road footway, and relocation of two lighting columns to edge of tow path.
50	**Tara Station** - Changed from 3 No. to 5 No. skylights with updated landscape layout.	ML1-JAI-ARD-ROUT_XX-DR-Y-03090	TARA STREET STATION	ALIGNMENT PLAN	General arrangement drawing changed from 3 No. to 5 No. skylights with updated landscape layout.
51		ML1-JAI-SRD-ROUT_XX-DR-Y-02078	TARA STREET STATION	STRUCTURES STREET LEVEL	Street level design drawing changed from 3 No. to 5 No. skylights with updated landscape layout.
52		ML1-JAI-SRD-ROUT_XX-DR-Y-02082	TARA STREET STATION	LONGITUDINAL SECTION	Longitudinal section drawing changed from 3 No. to 5 No. skylights.
53		ML1-JAI-URD-ROUT_XX-DR-Y-01090	METROLINK - UTILITY DIVERSION	BURGH QUAY TO PEARSE STREET	Utility drawing updated to show change from 3 No. to 5 No. skylights.
54		ML1-JAI-URD-ROUT_XX-DR-Y-02090	METROLINK - PROPOSED SURFACE DRAINAGE	BURGH QUAY TO PEARSE STREET	Utility Surface Water drawing updated to show change from 3 No. to 5 No. skylights.
55	**Mater Station** - Skylight height reduced to between 1.1m and 0.8m above ground level.	ML1-JAI-SRD-ROUT_XX-DR-Y-02066	MATER STATION	STREET LEVEL ELEVATION	Street level elevation showing skylights reduced in height.
56		ML1-JAI-SRD-ROUT_XX-DR-Y-02069	MATER STATION	LONGITUDINAL SECTION	Longitudinal section showing skylights reduced in height.
57		ML1-JAI-SRD-ROUT_XX-DR-Y-02070	MATER STATION	CROSS SECTION	Cross section showing skylights reduced in height.

MetroLink Oral Hearing - Railway Order Application Drawing Updates (grouped by proposed change)

Item No.	Description of Change	Drawing Number	Drawing Title		Details of Change(s) Made to Drawing
58	**O'Connell Street Station** - Station Railway Order application Structure's drawing plotting error rectified, station entrance updated to reflect architectural intent, additional street level elevation drawing added to reflect a no over site development scenario, and drawings updated to reflect trees on O'Connell Street will be retained.	ML1-JAI-SRD-ROUT_XX-DR-Y-02071	O'CONNELL STREET STATION	PROPOSED STREET LEVEL DESIGN	Drawing plotting error rectified to show footprint of station and drawing updated to reflect trees on O'Connell Street will be retained.
59		ML1-JAI-SRD-ROUT_XX-DR-Y-02072	O'CONNELL STREET STATION	STRUCTURES STREET LEVEL	O'Connell Street Station entrance updated to reflect architectural intent.
60		ML1-JAI-SRD-ROUT_XX-DR-Y-09017	O'CONNELL STREET STATION	STRUCTURES STREET LEVEL	New street level elevation drawing to reflect a no over site development scenario.
61		ML1-JAI-ARD-ROUT_XX-DR-Y-03088	METROLINK - GENERAL ARRANGEMENT	PARNELL STREET TO GPO BUILDINGS	Drawing updated to reflect trees on O'Connell Street will be retained.
62	**Charlemont Station** - parking layout on internal access road connecting Dartmouth Road and Grand Parade revised to 14 spaces (including two PRM), drop-off and footway on Grand Parade widened, and property drawing updated to reflect agreement with landowners.	ML1-JAI-ARD-ROUT_XX-DR-Y-03095	METROLINK - GENERAL ARRANGEMENT	HATCH STREET LOWER TO GRANDE PARADE	General arrangement showing drop-off and footway on Grand Parade widened.
63		ML1-JAI-ARD-ROUT_XX-DR-Y-03096	METROLINK - GENERAL ARRANGEMENT	GRAND PARADE TO NORTHBROOK ROAD	General arrangement showing parking layout on internal access road connecting Dartmouth Road and Grand Parade revised to 14 spaces (including two PRM) and drop-off and footway on Grand Parade widened.
64		ML1-JAI-SRD-ROUT_XX-DR-Z-02090	CHARLEMONT STATION	PROPOSED STREET LEVEL DESIGN	General arrangement showing parking layout on internal access road connecting Dartmouth Road and Grand Parade revised to 14 spaces (including two PRM) and drop-off and footway on Grand Parade widened.
65		ML1-JAI-URD-ROUT_XX-DR-Y-02096	METROLINK - PROPOSED SURFACE DRAINAGE	GRAND PARADE TO NORTHBROOK ROAD	Utility Surface Water showing parking layout on internal access road connecting Dartmouth Road and Grand Parade revised to 14 spaces (including two PRM).
66		ML1-JAI-BOR-ROUT_XX-DR-Y-01098	METRO LINK - PROPERTY DETAILS GRAND PARADE TO NORTHBROOK ROAD	GRAND PARADE TO NORTHBROOK ROAD	Property drawing updated to reflect agreement with landowners and additional landtake required for the drop-off on Grand Parade.
67	**Fosterstown** - Property folio split to reflect agreement with landowner.	ML1-JAI-BOR-ROUT_XX-DR-Y-01023	METRO LINK - PROPERTY DETAILS AIRSIDE SHOPPING CENTRE (SHEET 1 OF 2)	AIRSIDE SHOPPING CENTRE (SHEET 1 OF 2)	Property folio split to reflect agreement with landowner.
68	**Ballystruan Lane, Dardistown** - Revised rising main utility diversion design including amendment to MetroLink M50 viaduct north embankment.	ML1-JAI-ARD-ROUT_XX-DR-Y-03050	METROLINK - GENERAL ARRANGEMENT	BALLYMUN (SHEET 7 OF 11)	General arrangement showing amendment to MetroLink M50 viaduct north embankment to accommodate revised utility rising main design.
69		ML1-JAI-ARD-ROUT_XX-DR-Y-03055	METROLINK - GENERAL ARRANGEMENT	M50 JUNCTION 4	General arrangement showing amendment to MetroLink M50 viaduct north embankment to accommodate revised utility rising main design.
70		ML1-JAI-URD-ROUT_XX-DR-Y-01050	METRO LINK - UTILITY DIVERSION	BALLYMUN (SHEET 7 OF 11)	Utility drawing showing amendment to rising main diversion arising from agreement with landowner.
71		ML1-JAI-URD-ROUT_XX-DR-Y-01052	METRO LINK - UTILITY DIVERSION	BALLYMUN (SHEET 9 OF 11)	Utility drawing showing amendment to rising main diversion arising from agreement with landowner.
72		ML1-JAI-URD-ROUT_XX-DR-Y-01055	METRO LINK - UTILITY DIVERSION	M50 JUNCTION 4, BALLYMUN	Utility drawing showing amendment to rising main diversion arising from agreement with landowner.
73		ML1-JAI-URD-ROUT_XX-DR-Y-02049	METROLINK - PROPOSED SURFACE DRAINAGE	BALLYMUN (SHEET 6 OF 11)	Utility Surface Water drawing showing amendment to MetroLink M50 viaduct embankment arising form agreement with Mouna
74		ML1-JAI-URD-ROUT_XX-DR-Y-02050	METROLINK - PROPOSED SURFACE DRAINAGE	BALLYMUN (SHEET 7 OF 11)	Utility Surface Water drawing showing amendment to MetroLink M50 viaduct north embankment arising from agreement with landowner.

MetroLink Oral Hearing - Railway Order Application Drawing Updates (grouped by proposed change)

Item No.	Description of Change	Drawing Number	Drawing Title		Details of Change(s) Made to Drawing
75	**Seatown Pumping Station** - Proposed discharge of pumping station emergency overflow to Ward River deleted and replaced, in agreement with Irish Water, with a connection to the Irish Water foul sewer in Estuary Road that in turn connects to an Irish Water waste water treatment plant.	ML1-JAI-URD-ROUT_XX-DR-Y-02011	METROLINK - PROPOSED SURFACE DRAINAGE	BALHEARY DEMESNE (SHEET 5 OF 5)	Proposed discharge of pumping station emergency overflow to Ward River deleted and replaced with connection to the Irish Water foul sewer in Estuary Road that in turn connects to an Irish Water waste water treatment plan.
76		ML1-JAI-URD-ROUT_XX-DR-Y-01011	METROLINK - UTILITY DIVERSION	BALHEARY DEMESNE (SHEET 5 OF 5)	Utilities drawing amended to show pumping station emergency overflow connection to the Irish Water foul sewer in Estuary Road that in turn connects to an Irish Water waste water treatment plant.

MetroLink Oral Hearing - Railway Order Application Drawing Updates (grouped by discipline)

Drawing Number	Drawing Title		Details of Change(s) Made to Drawing
ML1-JAI-ARD-ROUT_XX-DR-Y-01001	METROLINK - ALIGNMENT	LONG SECTION 1	Long section showing the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
ML1-JAI-ARD-ROUT_XX-DR-Y-01003	METROLINK - ALIGNMENT	LONG SECTION 3	Long section drawing showing replacement of 50m of retained open cut with cut and cover tunnel.
ML1-JAI-ARD-ROUT_XX-DR-Y-01018	METROLINK - ALIGNMENT	LONG SECTION 18	Alignment long section showing proposed lowered alignment between St Stephen's Green and Charlemont.
ML1-JAI-ARD-ROUT_XX-DR-Y-01019	METROLINK - ALIGNMENT	LONG SECTION 19	Alignment long section showing proposed lowered alignment between St Stephen's Green and Charlemont.
ML1-JAI-ARD-ROUT_XX-DR-Y-03009	METROLINK - GENERAL ARRANGEMENT	BALHEARY DEMESNE (SHEET 3 OF 5)	General arrangement showing revised GAA pitch layout in Balheary Park.
ML1-JAI-ARD-ROUT_XX-DR-Y-03010	METROLINK - GENERAL ARRANGEMENT	BALHEARY DEMESNE (SHEET 4 OF 5)	General arrangement showing revised GAA pitch layout in Balheary Park.
ML1-JAI-ARD-ROUT_XX-DR-Y-03011	METROLINK - GENERAL ARRANGEMENT	BALHEARY DEMESNE (SHEET 5 OF 5)	General arrangement showing the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
ML1-JAI-ARD-ROUT_XX-DR-Y-03011	METROLINK - GENERAL ARRANGEMENT	BALHEARY DEMESNE (SHEET 5 OF 5)	General arrangement showing revised GAA pitch layout in Balheary Park.
ML1-JAI-ARD-ROUT_XX-DR-Y-03012	METROLINK - GENERAL ARRANGEMENT	SEATOWN (SHEET 1 OF 3)	General arrangement drawing showing the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
ML1-JAI-ARD-ROUT_XX-DR-Y-03022	METROLINK - GENERAL ARRANGEMENT	PINNOCK HILL ROUNDABOUT	General arrangement drawing showing revised property access arrangements and replacement of 50m of retained open cut with cut and cover tunnel.
ML1-JAI-ARD-ROUT_XX-DR-Y-03035	METROLINK - GENERAL ARRANGEMENT	DUBLIN AIRPORT (SHEET 5 OF 5)	Section A-A ventilation tunnel cross-section changed to a circular profile reflecting proposed TBM construction methodology.
ML1-JAI-ARD-ROUT_XX-DR-Y-03036	METROLINK - GENERAL ARRANGEMENT	BALLYSTRAUN (SHEET 1 OF 7)	Section A-A ventilation and emergency exit tunnel cross-sections changed to a circular profile reflecting proposed TBM construction methodology.
ML1-JAI-ARD-ROUT_XX-DR-Y-03050	METROLINK - GENERAL ARRANGEMENT	BALLYMUN (SHEET 7 OF 11)	General arrangement showing amendment to MetroLink M50 viaduct north embankment to accommodate revised utility rising main design.
ML1-JAI-ARD-ROUT_XX-DR-Y-03055	METROLINK - GENERAL ARRANGEMENT	M50 JUNCTION 4	General arrangement showing amendment to MetroLink M50 viaduct north embankment to accommodate revised utility rising main design.
ML1-JAI-ARD-ROUT_XX-DR-Y-03056	METROLINK - GENERAL ARRANGEMENT	OLD BALLYMUN ROAD (NORTH)	General arrangement drawing showing amendments of entrance to Santry Lodge arising from agreement with FCC.
ML1-JAI-ARD-ROUT_XX-DR-Y-03057	METROLINK - GENERAL ARRANGEMENT	GULLIVER'S RETAIL PARK	General arrangement drawing showing revised roundabout design arising from agreement with landowner.
ML1-JAI-ARD-ROUT_XX-DR-Y-03076	METROLINK - GENERAL ARRANGEMENT	PROSPECT WAY TO ROYAL CANAL	General arrangement drawing showing changes noted by 'Description of Change'.
ML1-JAI-ARD-ROUT_XX-DR-Y-03088	METROLINK - GENERAL ARRANGEMENT	PARNELL STREET TO GPO BUILDINGS	Drawing updated to reflect trees on O'Connell Street will be retained.

MetroLink Oral Hearing - Railway Order Application Drawing Updates (grouped by discipline)

Drawing Number	Drawing Title		Details of Change(s) Made to Drawing
ML1-JAI-ARD-ROUT_XX-DR-Y-03090	METROLINK - GENERAL ARRANGEMENT	BURGH QUAY TO PEARSE STREET	General arrangement drawing changed from 3 No. to 5 No. skylights with updated landscape layout.
ML1-JAI-ARD-ROUT_XX-DR-Y-03091	METROLINK - GENERAL ARRANGEMENT	PEARSE STREET TO LEINSTER STREET SOUTH	General arrangement drawing now showing previously omitted in-tunnel underground pumping station.
ML1-JAI-ARD-ROUT_XX-DR-Y-03092	METROLINK - GENERAL ARRANGEMENT	LEINSTER ST SOUTH TO ST STEPHEN'S GREEN	General arrangement drawing now showing previously omitted in-tunnel underground pumping station.
ML1-JAI-ARD-ROUT_XX-DR-Y-03093	METROLINK - GENERAL ARRANGEMENT	SAINT STEPHEN'S GREEN	General arrangement drawing showing previously omitted part of Famine Memorial layout added to drawing.
ML1-JAI-ARD-ROUT_XX-DR-Y-03094	METROLINK - GENERAL ARRANGEMENT	ST. STEPHEN'S GREEN TO HATCH ST LOWER	Addition of new underground pumping station and lowering of tunnel in Section A-A to reflect lowered alignment between St Stephen's Green and Charlemont stations.
ML1-JAI-ARD-ROUT_XX-DR-Y-03095	METROLINK - GENERAL ARRANGEMENT	HATCH STREET LOWER TO GRANDE PARADE	Addition of new underground pumping station and lowering of tunnel in Section A-A to reflect lowered alignment between St Stephen's Green and Charlemont stations and drop-off and footway on Grand Parade widened.
ML1-JAI-ARD-ROUT_XX-DR-Y-03096	METROLINK - GENERAL ARRANGEMENT	GRANDE PARADE TO NORTHBROOK ROAD	General arrangement showing parking layout on internal access road connecting Dartmouth Road and Grand Parade revised to 14 spaces (including two PRM) and drop-off and footway on Grand Parade widened.
ML1-JAI-ARL-SC01_XX-DR-Y-00002	ESTUARY- SEATOWN	LANDSCAPE LAYOUT	Landscape drawing incorporating the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
ML1-JAI-ARL-SC01_XX-DR-Y-00003	ESTUARY - SEATOWN	LANDSCAPE LAYOUT	Landscape drawing incorporating the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
ML1-JAI-ARL-SC03_XX-DR-Y-00006	SWORDS CENTRAL - FOSTERSTOWN	LANDSCAPE LAYOUT	General arrangement drawing showing revised property access arrangements and replacement of 50m of retained open cut with cut and cover tunnel.
ML1-JAI-ARL-SC07_GF-DR-X-00113	NORTHWOOD - BALLYMUN	LANDSCAPE LAYOUT	Landscape drawing showing amendments of entrance to Santry Lodge arising from agreement with FCC.
ML1-JAI-ARL-SC07_GF-DR-Y-00114	NORTHWOOD - BALLYMUN	LANDSCAPE LAYOUT	Landscape drawing showing revised roundabout design arising from agreement with landowner.
ML1-JAI-SRD-MS11_XX-DR-Y-01001	METROLINK GLASNEVIN HEAVY RAIL	TRACK REALIGNMENT	Track Realignment drawing showing revised road junction layout. Includes: widened entrance, amended Prospect Road junction layout, changed surface treatment to delineate between tow path and Prospect Road footway, and relocation of two
ML1-JAI-SRD-ROUT_XX-DR-Y-01002	METROLINK - STRUCTURES SOUTH PORTAL	GENERAL ARRANGEMENT	Ventilation tunnel cross-section changed to a circular profile reflecting proposed TBM construction methodology.
ML1-JAI-SRD-ROUT_XX-DR-Y-01003	METROLINK - STRUCTURES SOUTH PORTAL VENTILATION AND EMERGENCY ACCESS	GENERAL ARRANGEMENT	Ventilation tunnel and emergency exit tunnel cross-section changed to a circular profile reflecting proposed TBM construction methodology.
ML1-JAI-SRD-ROUT_XX-DR-Y-02057	GLASNEVIN STATION	PROPOSED STREET LEVEL DESIGN	General arrangement drawing showing changes noted by 'Description of Change'.
ML1-JAI-SRD-ROUT_XX-DR-Y-02063	GLASNEVIN STATION	LONGITUDINAL SECTION	Longitudinal section showing change of use within Glasnevin Station entrance building from previous proposed retail unit to "Retail/Cafe/Community Use", including addition of mezzanine level with associated access (lift and stairs).
ML1-JAI-SRD-ROUT_XX-DR-Y-02066	MATER STATION	STREET LEVEL ELEVATION	Street level elevation showing skylights reduced in height.

MetroLink Oral Hearing - Railway Order Application Drawing Updates (grouped by discipline)

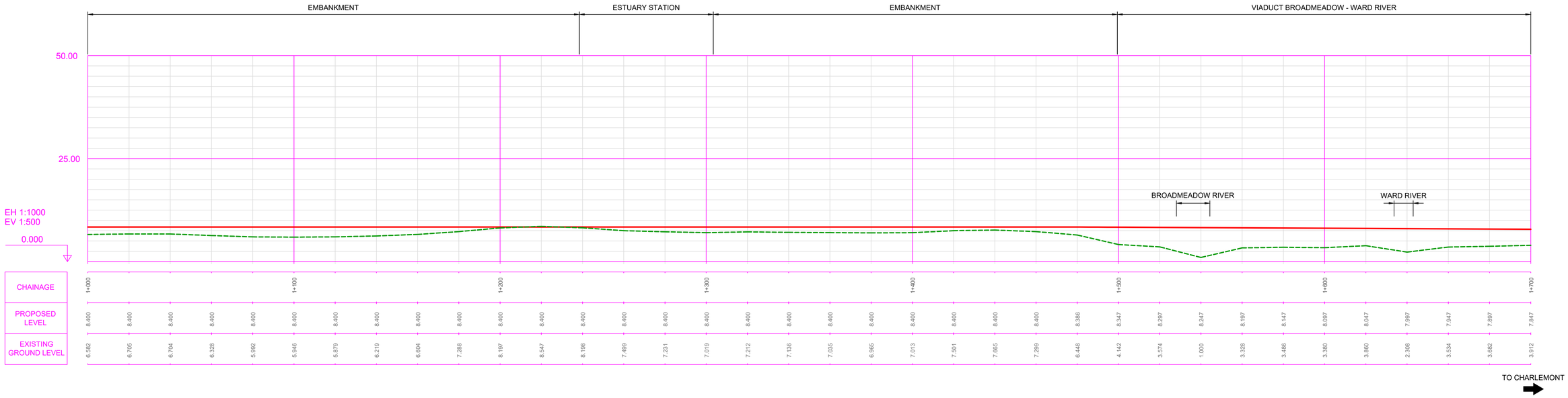
Drawing Number	Drawing Title		Details of Change(s) Made to Drawing
ML1-JAI-SRD-ROUT_XX-DR-Y-02069	MATER STATION	LONGITUDINAL SECTION	Longitudinal section showing skylights reduced in height.
ML1-JAI-SRD-ROUT_XX-DR-Y-02070	MATER STATION	CROSS SECTION	Cross section showing skylights reduced in height.
ML1-JAI-SRD-ROUT_XX-DR-Y-02071	O'CONNELL STREET STATION	PROPOSED STREET LEVEL DESIGN	Drawing plotting error rectified to show footprint of station and drawing updated to reflect trees on O'Connell Street will be retained.
ML1-JAI-SRD-ROUT_XX-DR-Y-02072	O'CONNELL STREET STATION	STRUCTURES STREET LEVEL	O'Connell Street Station entrance updated to reflect architectural intent.
ML1-JAI-SRD-ROUT_XX-DR-Y-09017	O'CONNELL STREET STATION	STRUCTURES STREET LEVEL	New street level elevation drawing to reflect a no over site development scenario.
ML1-JAI-SRD-ROUT_XX-DR-Y-02078	TARA STREET STATION	STRUCTURES STREET LEVEL	Street level design drawing changed from 3 No. to 5 No. skylights with updated landscape layout.
ML1-JAI-SRD-ROUT_XX-DR-Y-02082	TARA STREET STATION	LONGITUDINAL SECTION	Longitudinal section drawing changed from 3 No. to 5 No. skylights.
ML1-JAI-SRD-ROUT_XX-DR-Y-02084	ST. STEPHENS GREEN STATION	PROPOSED STREET LEVEL DESIGN	Street Level design drawing showing previously omitted part of Famine Memorial layout added to drawing and layout of HVM bollards revised.
ML1-JAI-SRD-ROUT_XX-DR-Y-02085	ST. STEPHENS GREEN STATION	STREET LEVEL ELEVATION	Street level elevation showing revised layout of HVM bollards.
ML1-JAI-SRD-ROUT_XX-DR-Z-02090	CHARLEMONT STATION	PROPOSED STREET LEVEL DESIGN	General arrangement showing parking layout on internal access road connecting Dartmouth Road and Grand Parade revised to 14 spaces (including two PRM) and drop-off and footway on Grand Parade widened.
ML1-JAI-URD-ROUT_XX-DR-Y-01011	METROLINK - UTILITY DIVERSION	BALHEARY DEMESNE (SHEET 5 OF 5)	Utilities drawing incorporating the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
ML1-JAI-URD-ROUT_XX-DR-Y-01011	METROLINK - UTILITY DIVERSION	BALHEARY DEMESNE (SHEET 5 OF 5)	Utilities drawing amended to show pumping station emergency overflow connection to the Irish Water foul sewer in Estuary Road that in turn connects to an Irish Water waste water treatment plant.
ML1-JAI-URD-ROUT_XX-DR-Y-01012	METROLINK - UTILITY DIVERSION	SEATOWN (SHEET 1 OF 3)	Utilities drawing incorporating the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
ML1-JAI-URD-ROUT_XX-DR-Y-01022	METROLINK - UTILITY DIVERSION	PINNOCK HILL ROUNDABOUT	Utilities drawing showing revised property access arrangements and replacement of 50m of retained open cut with cut and cover tunnel.
ML1-JAI-URD-ROUT_XX-DR-Y-01050	METRO LINK - UTILITY DIVERSION	BALLYMUN (SHEET 7 OF 11)	Utility drawing showing amendment to rising main diversion arising from agreement with landowner.
ML1-JAI-URD-ROUT_XX-DR-Y-01052	METRO LINK - UTILITY DIVERSION	BALLYMUN (SHEET 9 OF 11)	Utility drawing showing amendment to rising main diversion arising from agreement with landowner.

MetroLink Oral Hearing - Railway Order Application Drawing Updates (grouped by discipline)

Drawing Number	Drawing Title		Details of Change(s) Made to Drawing
ML1-JAI-URD-ROUT_XX-DR-Y-01055	METRO LINK - UTILITY DIVERSION	M50 JUNCTION 4, BALLYMUN	Utility drawing showing amendment to rising main diversion arising from agreement with landowner.
ML1-JAI-URD-ROUT_XX-DR-Y-01056	METRO LINK - UTILITY DIVERSION	OLD BALLYMUN ROAD (NORTH)	Utility drawing showing revised roundabout design arising from agreement with landowner.
ML1-JAI-URD-ROUT_XX-DR-Y-01057	METRO LINK - UTILITY DIVERSION	GULLIVER'S RETAIL PARK	Utility drawing showing revised roundabout design arising from agreement with landowner.
ML1-JAI-URD-ROUT_XX-DR-Y-01090	METROLINK - UTILITY DIVERSION	BURGH QUAY TO PEARSE STREET	Utility drawing updated to show change from 3 No. to 5 No. skylights.
ML1-JAI-URD-ROUT_XX-DR-Y-01091	METROLINK - UTILITY DIVERSION	PEARSE STREET TO LEINSTER STREET SOUTH	Utility drawing now showing previously omitted in-tunnel underground pumping station.
ML1-JAI-URD-ROUT_XX-DR-Y-01092	METROLINK - UTILITY DIVERSION	LEINSTER STREET SOUTH TO SAINT STEPHEN'S GREEN	Utility drawing now showing previously omitted in-tunnel underground pumping station.
ML1-JAI-URD-ROUT_XX-DR-Y-01094	METROLINK - UTILITY DIVERSION	SAINT STEPHEN'S GREEN TO HATCH STREET LOWER	Addition of new underground pumping station to accommodate lowered alignment between St Stephen's Green and Charlemont stations.
ML1-JAI-URD-ROUT_XX-DR-Y-01095	METROLINK - UTILITY DIVERSION	HATCH STREET LOWER TO GRANDE PARADE	Addition of new underground pumping station to accommodate lowered alignment between St Stephen's Green and Charlemont stations.
ML1-JAI-URD-ROUT_XX-DR-Y-02011	METROLINK - PROPOSED SURFACE DRAINAGE	BALHEARY DEMESNE (SHEET 5 OF 5)	Utilities Surface Water drawing incorporating the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
ML1-JAI-URD-ROUT_XX-DR-Y-02011	METROLINK - PROPOSED SURFACE DRAINAGE	BALHEARY DEMESNE (SHEET 5 OF 5)	Proposed discharge of pumping station emergency overflow to Ward River deleted and replaced with connection to the Irish Water foul sewer in Estuary Road that in turn connects to an Irish Water waste water treatment plan.
ML1-JAI-URD-ROUT_XX-DR-Y-02012	METROLINK - PROPOSED SURFACE DRAINAGE	SEATOWN (SHEET 1 OF 3)	Utilities Surface Water drawing incorporating the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
ML1-JAI-URD-ROUT_XX-DR-Y-02022	METROLINK - PROPOSED SURFACE DRAINAGE	PINNOCK HILL ROUNDABOUT	Utilities Surface Water drawing showing revised property access arrangements and replacement of 50m of retained open cut with cut and cover tunnel.
ML1-JAI-URD-ROUT_XX-DR-Y-02049	METROLINK - PROPOSED SURFACE DRAINAGE	BALLYMUN (SHEET 6 OF 11)	Utility Surface Water drawing showing amendment to MetroLink M50 viaduct embankment arising form agreement with Mouna
ML1-JAI-URD-ROUT_XX-DR-Y-02050	METROLINK - PROPOSED SURFACE DRAINAGE	BALLYMUN (SHEET 7 OF 11)	Utility Surface Water drawing showing amendment to MetroLink M50 viaduct north embankment arising from agreement with landowner.
ML1-JAI-URD-ROUT_XX-DR-Y-02056	METROLINK - PROPOSED SURFACE DRAINAGE	OLD BALLYMUN ROAD (NORTH)	Utilities Surface Water drawing showing amendments of entrance to Santry Lodge arising from agreement with FCC.
ML1-JAI-URD-ROUT_XX-DR-Y-02057	METROLINK - PROPOSED SURFACE DRAINAGE	GULLIVER'S RETAIL PARK	Utility Surface Water drawing showing revised roundabout design arising from agreement with landowner.

MetroLink Oral Hearing - Railway Order Application Drawing Updates (grouped by discipline)

Drawing Number	Drawing Title		Details of Change(s) Made to Drawing
ML1-JAI-URD-ROUT_XX-DR-Y-02090	METROLINK - PROPOSED SURFACE DRAINAGE	BURGH QUAY TO PEARSE STREET	Utility Surface Water drawing updated to show change from 3 No. to 5 No. skylights.
ML1-JAI-URD-ROUT_XX-DR-Y-02093	METROLINK - PROPOSED SURFACE DRAINAGE	SAINT STEPHEN'S GREEN	Utility Surface Water drawing showing revised playout of HVM bollards.
ML1-JAI-URD-ROUT_XX-DR-Y-02096	METROLINK - PROPOSED SURFACE DRAINAGE	GRAND PARADE TO NORTHBROOK ROAD	Utility Surface Water showing parking layout on internal access road connecting Dartmouth Road and Grand Parade revised to 14 spaces (including two PRM).
ML1-JAI-BOR-ROUT_XX-DR-Y-01012	METRO LINK - PROPERTY DETAILS	SEATOWN (SHEET 1 OF 3)	Property drawing incorporating the extended cut and cover tunnel that replaces the previous section of open retained cut at Seatown Villas.
ML1-JAI-BOR-ROUT_XX-DR-Y-01022	METRO LINK - PROPERTY DETAILS	PINNOCK HILL ROUNDABOUT	Property drawing reflecting replacement of 50m of retained open cut with cut and cover tunnel.
ML1-JAI-BOR-ROUT_XX-DR-Y-01023	METRO LINK - PROPERTY DETAILS	AIRSIDE SHOPPING CENTRE (SHEET 1 OF 2)	Property folio split to reflect agreement with landowner.
ML1-JAI-BOR-ROUT_XX-DR-Y-01098	METRO LINK - PROPERTY DETAILS	GRAND PARADE TO NORTHBROOK ROAD	Property drawing updated to reflect agreement with landowners and additional landtake required for the drop-off on Grand Parade.



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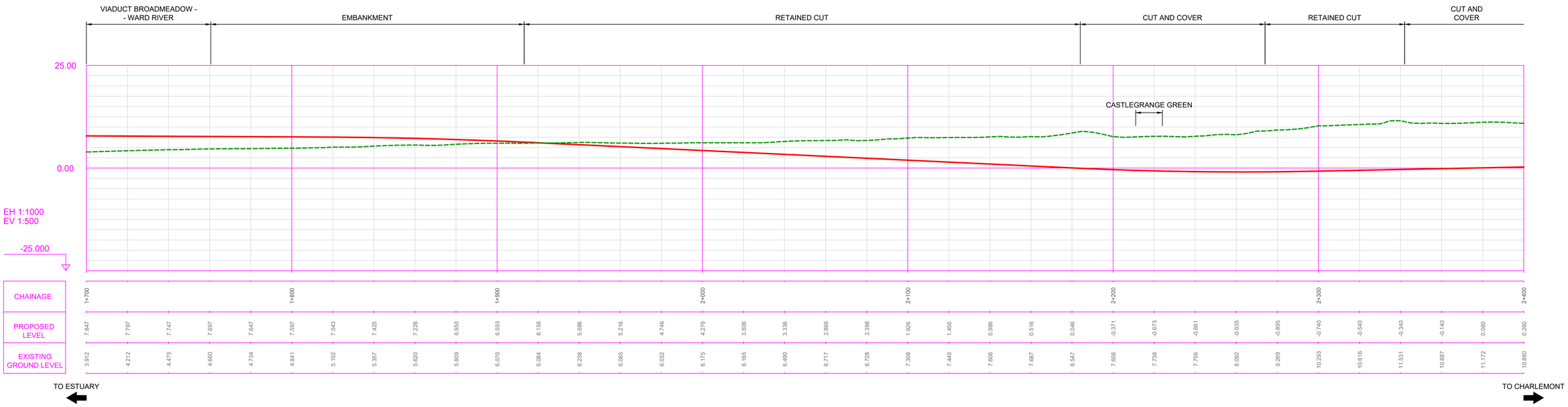
DRAWING LEGEND

RAIL LEVEL — EXISTING GROUND LEVEL



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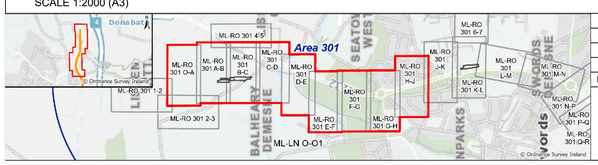
METRES

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
P03	13/04/23	For Railway Order	DT	MC	JB	PB
P04	15/03/24	For Railway Order	JM	MM	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 (TLLG).

Client: Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - ALIGNMENT LONG SECTION 1

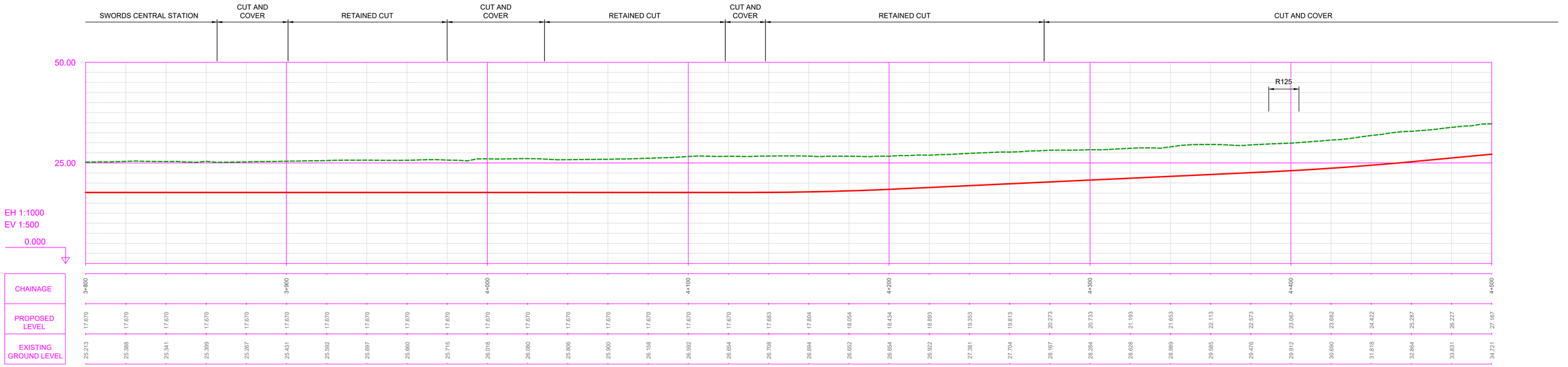
Drawing Status: S0

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-01001

Plan Drawing Nº: ML-LN O-O1

Scales Original Size A1 1:1000

Sheet 1 of 19



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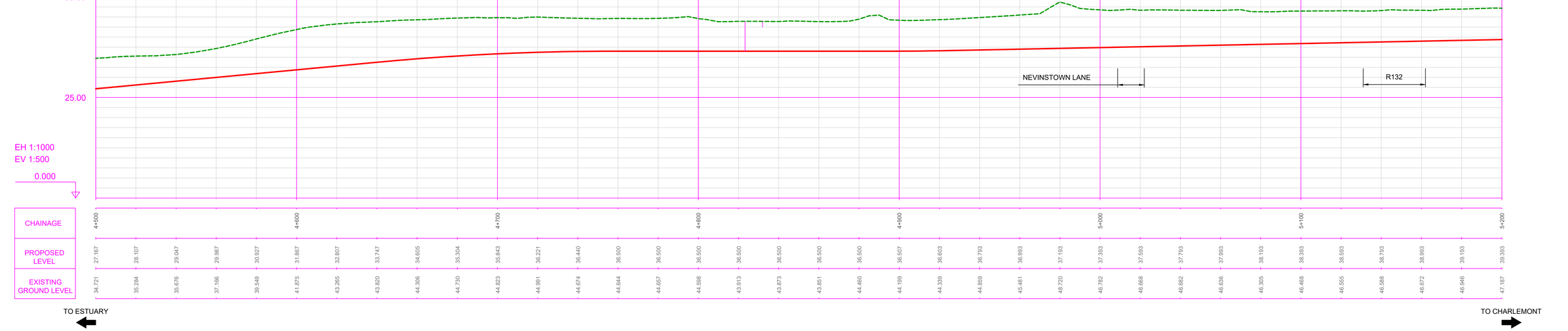
SCALE 1:1000 (A1)
SCALE 1:2000 (A3)

METRES

DRAWING LEGEND

RAIL LEVEL — EXISTING GROUND LEVEL



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SCALE 1:1000 (A1)
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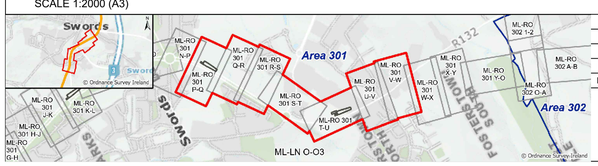
METRES

DRAWING LEGEND

RAIL LEVEL — EXISTING GROUND LEVEL



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P01	28/07/21	For Railway Order	JD	JR	RS	NC
P02	21/12/21	For Railway Order	BJ	RS	AS	NC
P03	13/04/23	For Railway Order	DT	MC	JB	PB
P04	15/03/24	For Railway Order	JM	MM	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - ALIGNMENT LONG SECTION 3

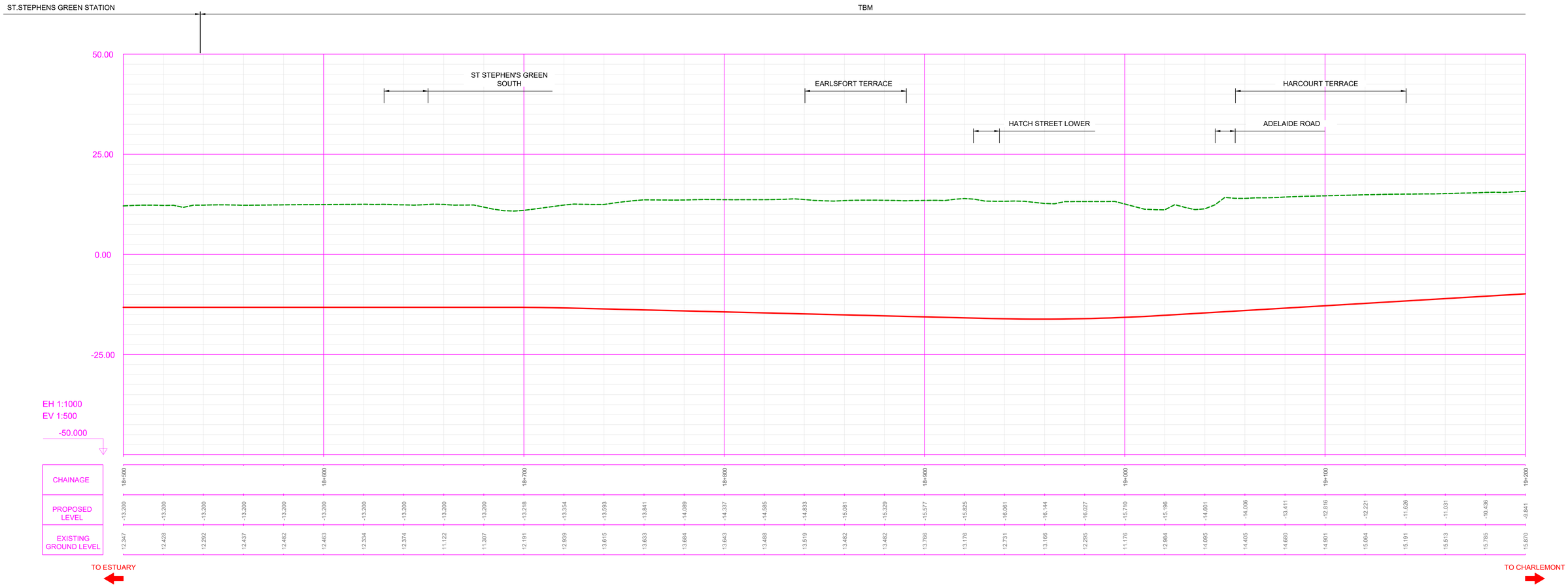
Drawing Status: S0

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-01003

Plan Drawing Nº: ML-LN O-O3

Scales Original Size A1 1:1000

Sheet 3 of 19



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SCALE 1:1000 (A1)
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METRES

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
P03	12/05/22	For Railway Order	BJ	JR	AS	PB
P04	05/03/24	For Railway Order	JM	JB	JB	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - ALIGNMENT LONG SECTION 18

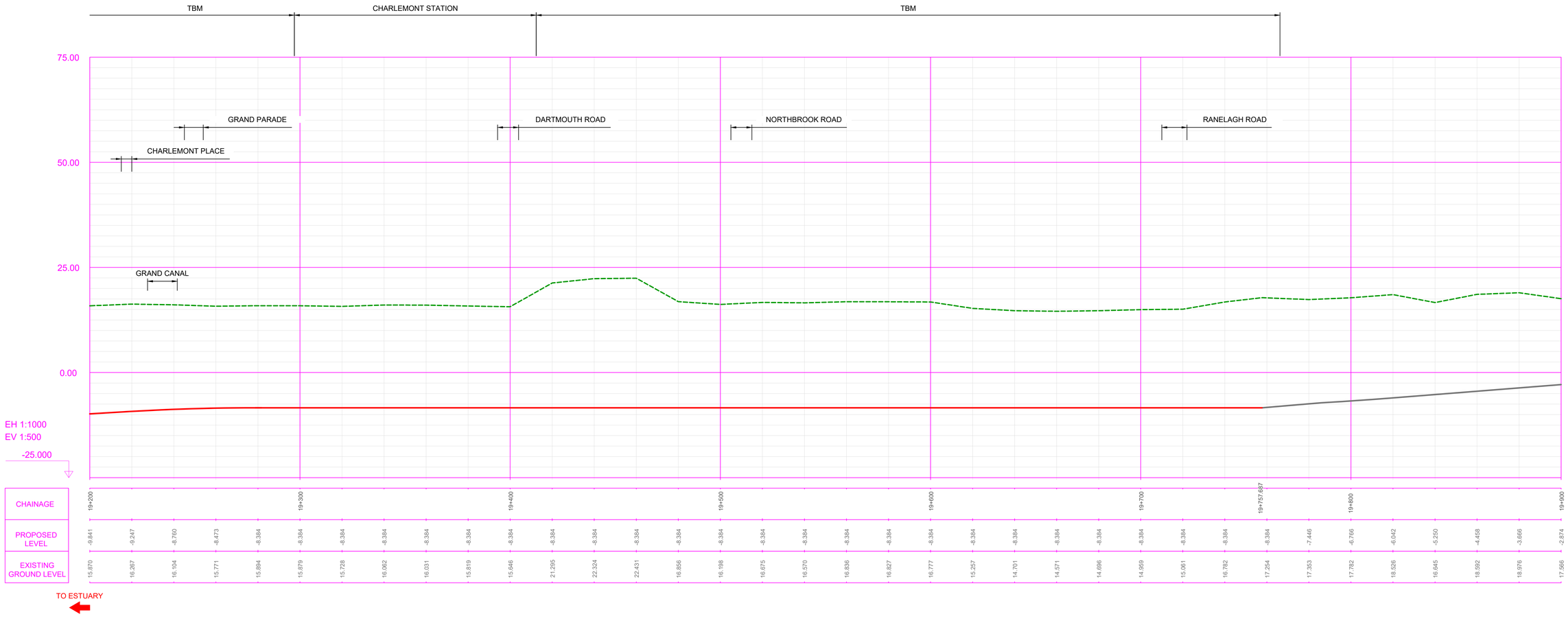
Drawing Status: S0

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-01018

Plan Drawing Nº: ML-LN O-O18

Scales Original Size A1 1:1000

Sheet 18 of 19



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SCALE 1:1000 (A1)
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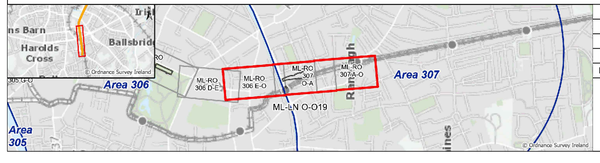
DRAWING LEGEND

RAIL LEVEL — — — EXISTING GROUND LEVEL



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P03	12/05/22	For Railway Order	BJ	JR	AS	PB
P04	05/03/24	For Railway Order	JM	JB	JB	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - ALIGNMENT LONG SECTION 19

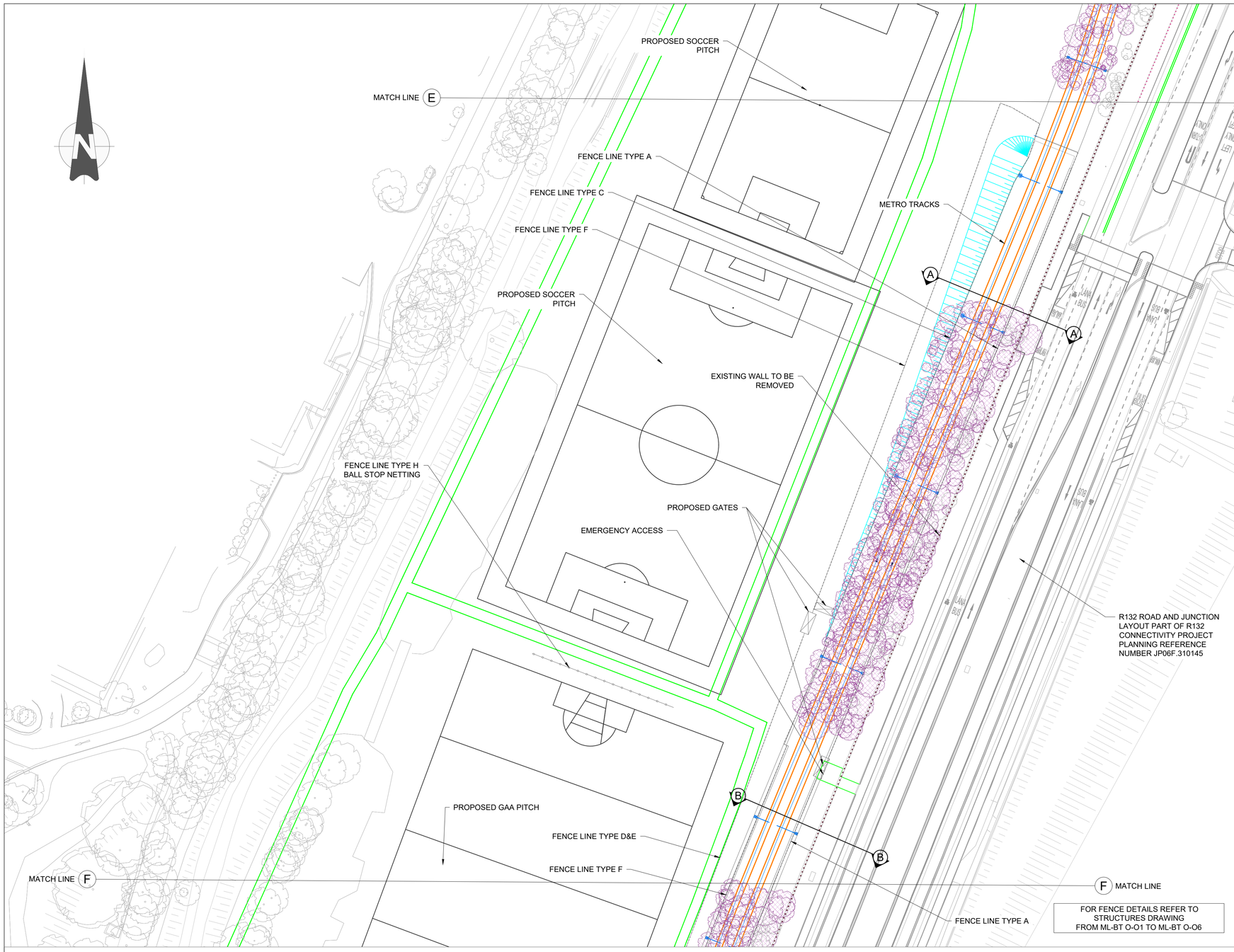
Drawing Status: S0

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-01019

Plan Drawing Nº: ML-LN O-O19

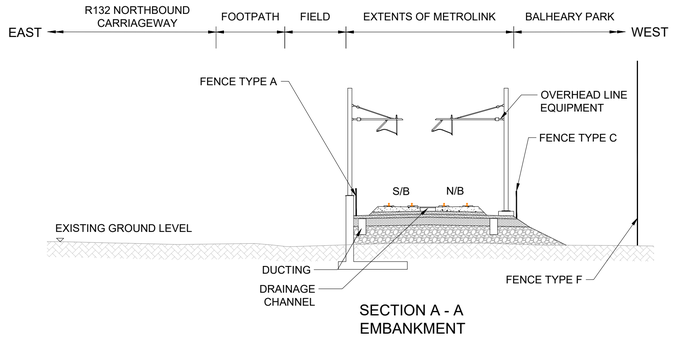
Scales Original Size A1 1:1000

Sheet 19 of 19

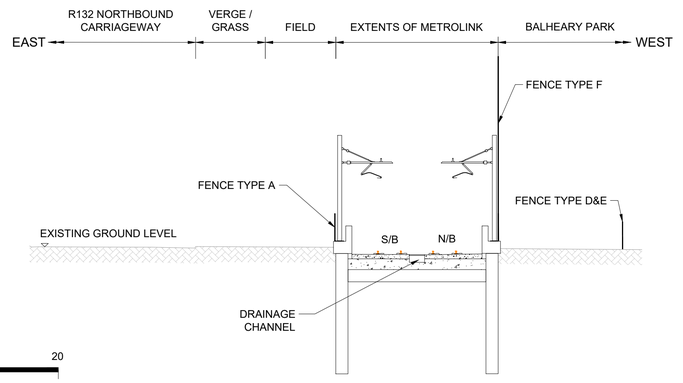


DRAWING LEGEND:

- 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



SECTION A - A
EMBANKMENT



SECTION B - B
OPEN CUT

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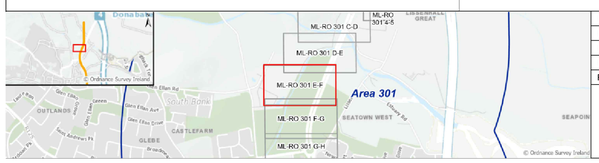
SCALE 1:400 (A3)
METRES

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
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P03	18/08/22	For Railway Order	OO	MM	MM	PB
P04	12/04/23	For Railway Order	MM	AS	AS	PB
P05	15/03/24	For Railway Order	JM	MM	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair / National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

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

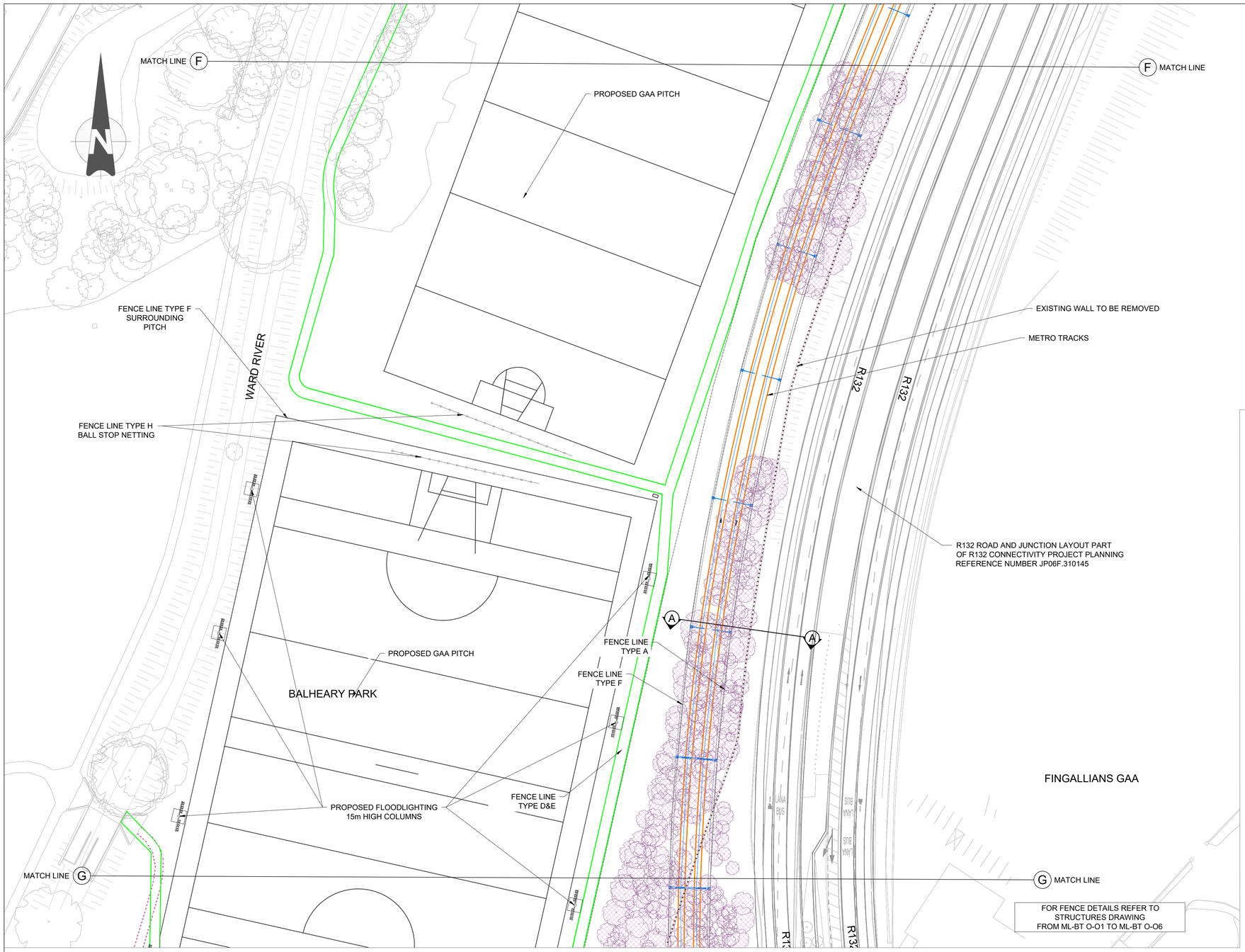
Drawing Status: S1

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03009

Plan Drawing Nº: ML-RO 301 E-F

Scales Original Size A1 AS SHOWN

Sheet 1 of 1



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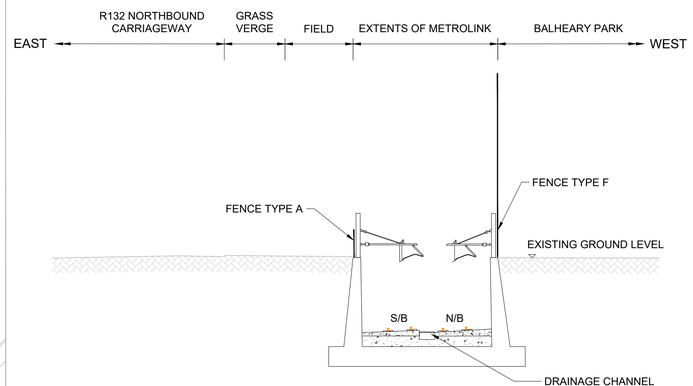
SCALE 1:1000 (A3)

METRES

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



SECTION A - A
OPEN CUT

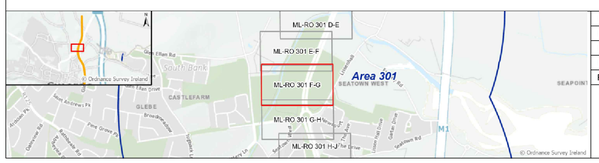
0 5 10 20

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

METRES

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
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	18/08/22	For Railway Order	OO	MM	MM	PB
P04	12/04/23	For Railway Order	MM	AS	AS	PB
P05	15/03/24	For Railway Order	JM	MM	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 (TLLG).

Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair / National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - GENERAL ARRANGEMENT
BALHEARY DEMESNE
(SHEET 4 OF 5)

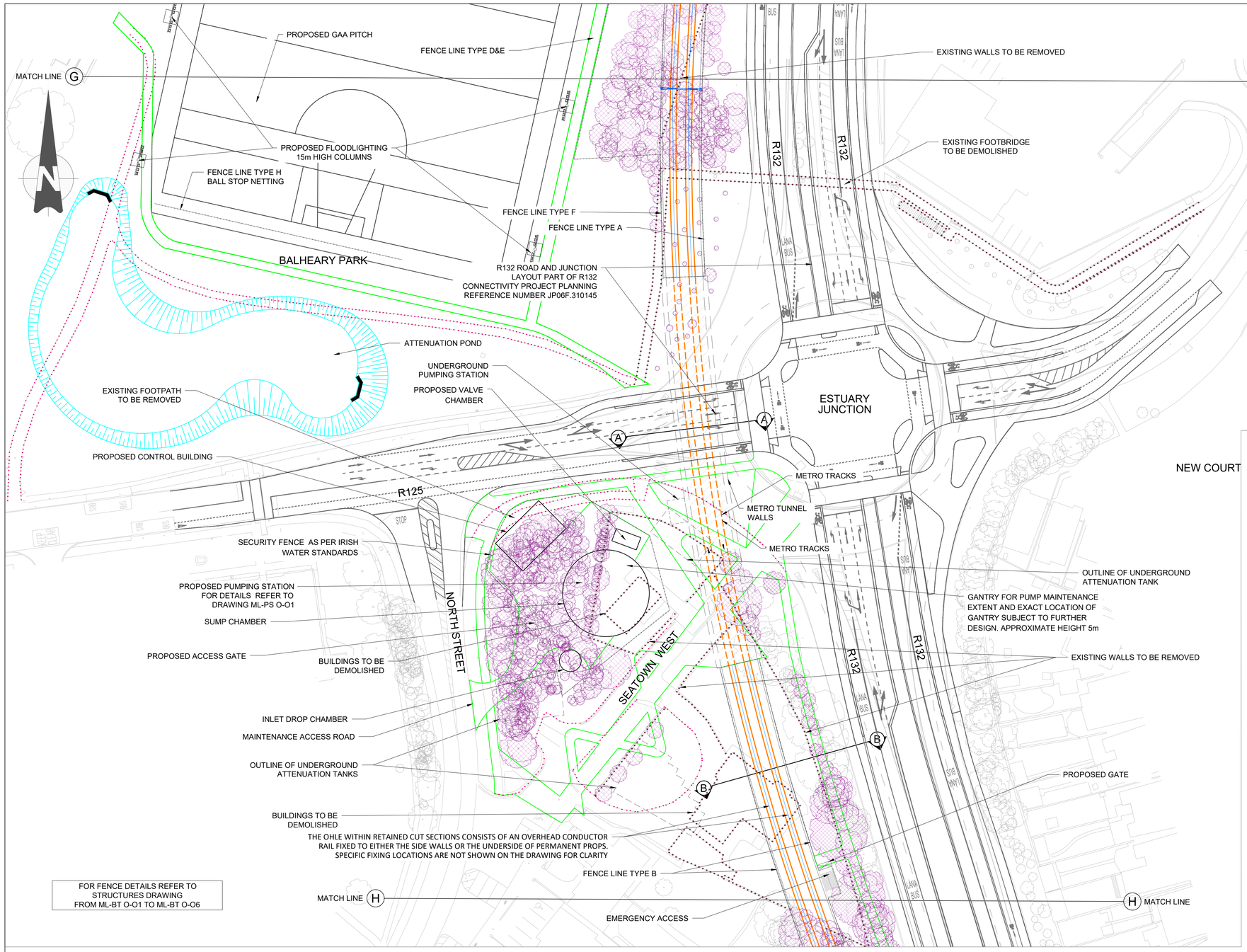
Drawing Status: S1

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03010

Plan Drawing Nº: ML-RO 301 F-G

Scales Original Size A1 AS SHOWN

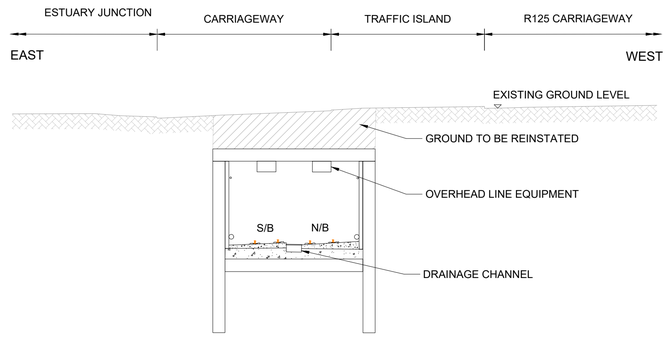
Sheet 1 of 1



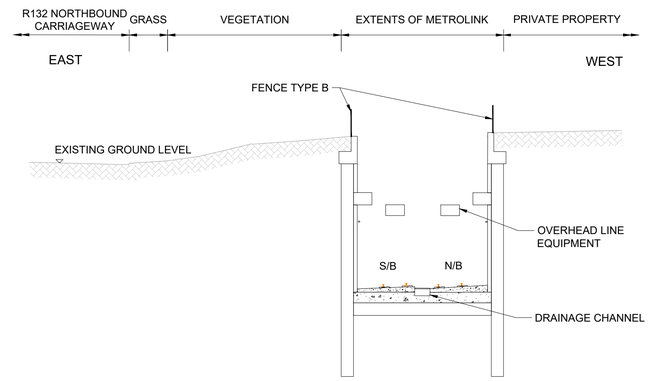
DRAWING LEGEND:

- 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

NEW COURT



SECTION A - A
CUT AND COVER



SECTION B - B
OPEN CUT

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

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
P03	18/08/22	For Railway Order	OO	MM	MM	PB
P04	12/04/23	For Railway Order	MM	AS	AS	PB
P05	11/03/24	For Railway Order	JM	AS	AS	PB
P06	20/03/24	For Railway Order	JM	MM	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

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

Drawing Status: S1

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03011

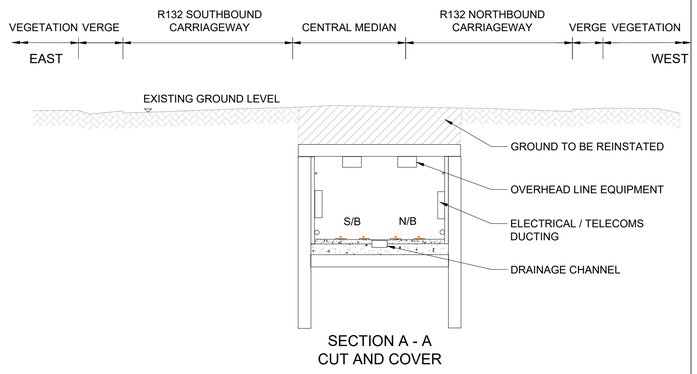
Plan Drawing Nº: ML-RO 301 G-H

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



SECTION A - A
CUT AND COVER

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

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

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
P02	10/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
P04	12/04/23	For Railway Order	OO	MM	MM	PB
P05	20/03/24	For Railway Order	JM	MM	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - GENERAL ARRANGEMENT SEATOWN (SHEET 1 OF 3)

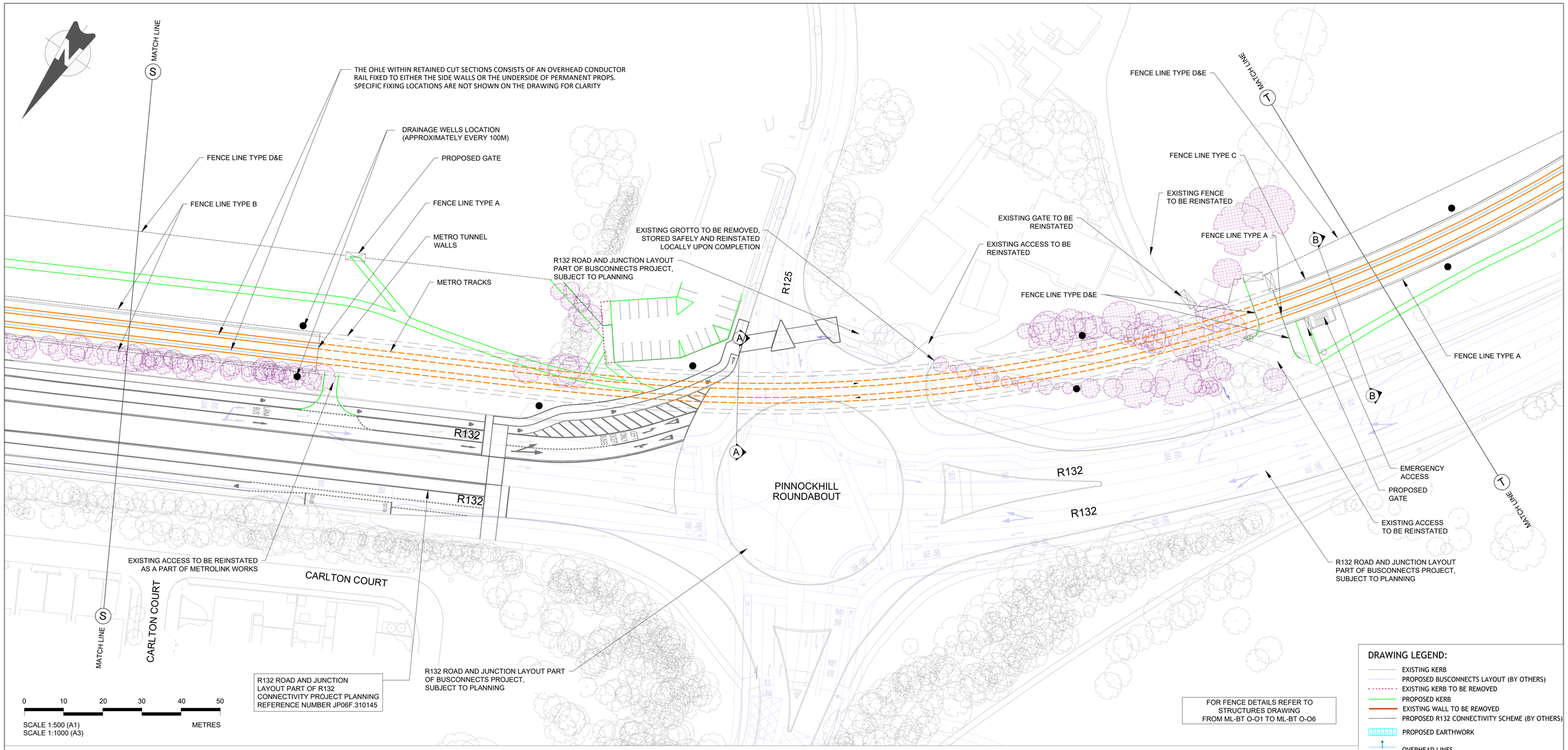
Drawing Status: S1

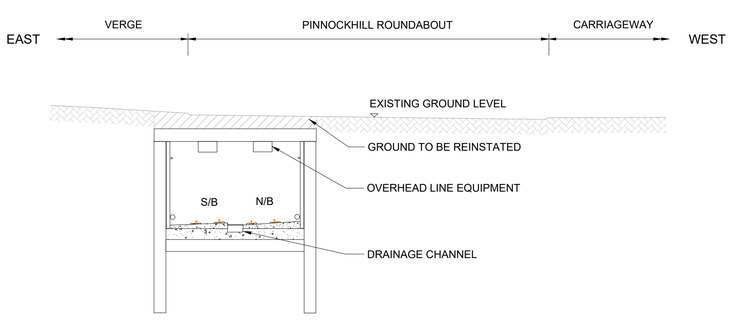
Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03012

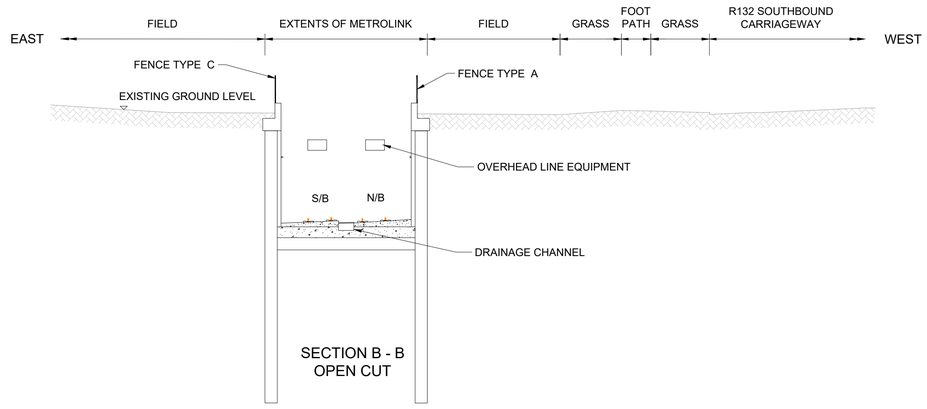
Plan Drawing Nº: ML-RO 301 H-J

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:

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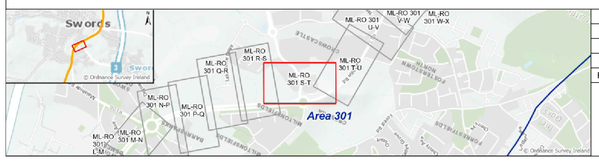
3. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
P04	18/08/22	For Railway Order	OO	MM	MM	PB
P05	12/04/23	For Railway Order	MM	AS	AS	PB
P06	15/03/24	For Railway Order	JM	MM	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - GENERAL ARRANGEMENT PINNOCK HILL ROUNDABOUT

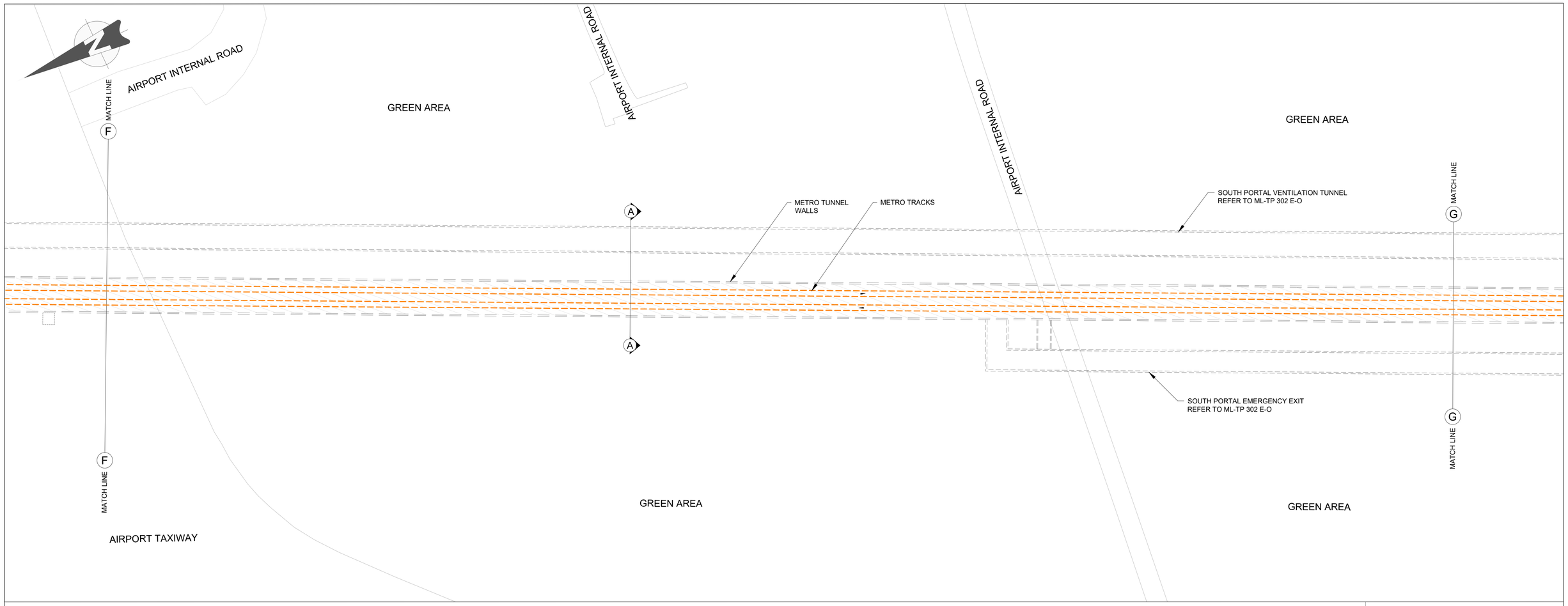
Drawing Status: S1

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03022

Plan Drawing Nº: ML-RO-301 S-T

Scales Original Size A1 AS SHOWN

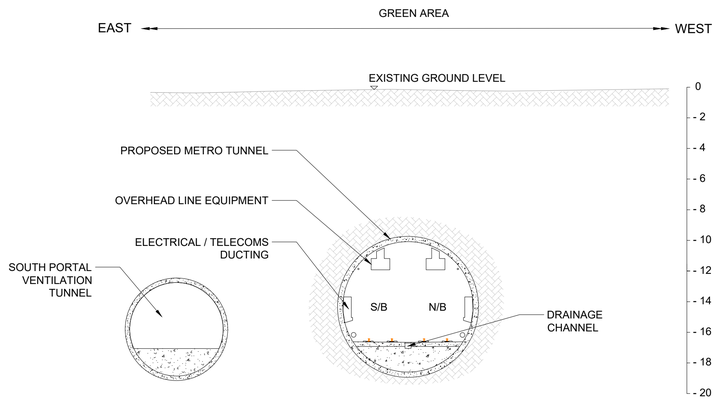
Sheet 1 of 1



0 10 20 30 40 50

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

METRES



SECTION A - A

0 5 10 20

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

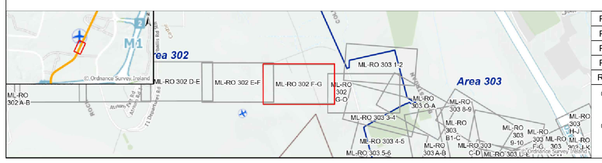
METRES

DRAWING LEGEND:

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

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	12/04/23	For Railway Order	BJ	JR	AS	PB
P04	27/02/24	For Railway Order	JM	JB	JB	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - GENERAL ARRANGEMENT DUBLIN AIRPORT (SHEET 5 OF 5)

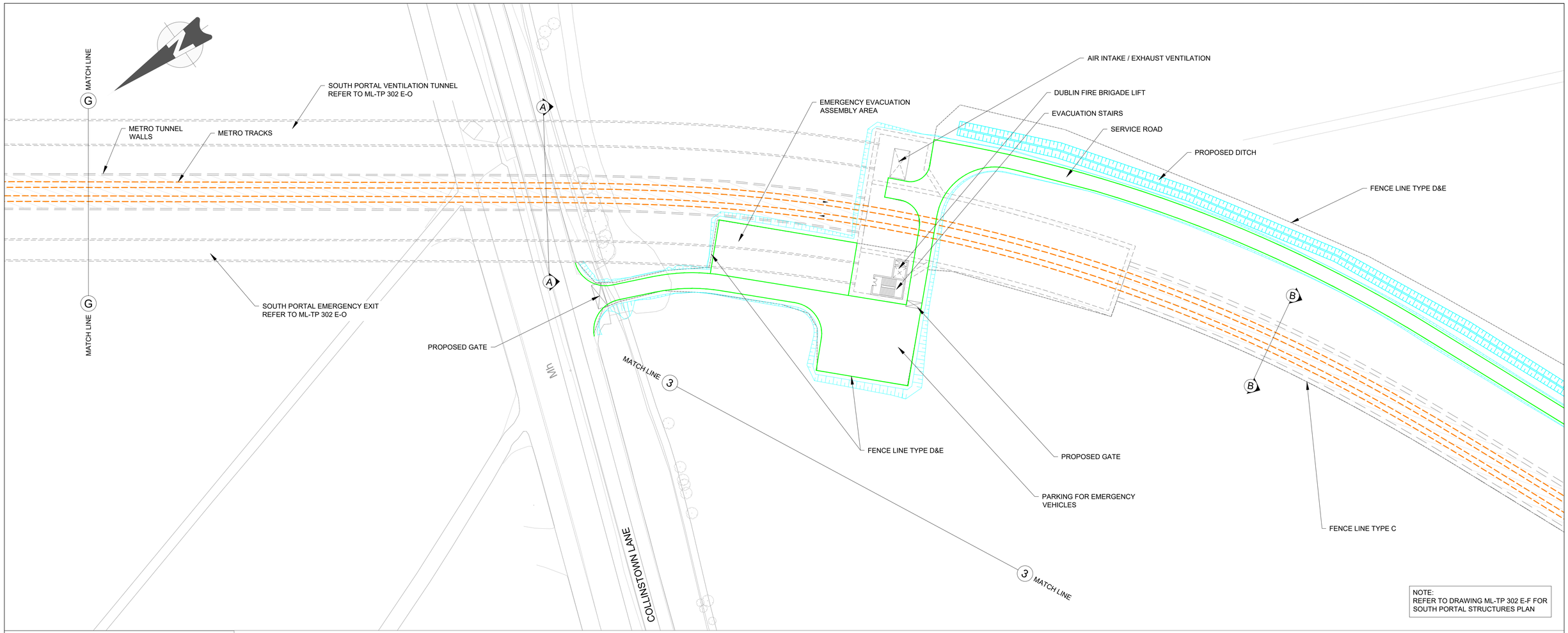
Drawing Status: S1

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03035

Plan Drawing Nº: ML-RO 302 F-G

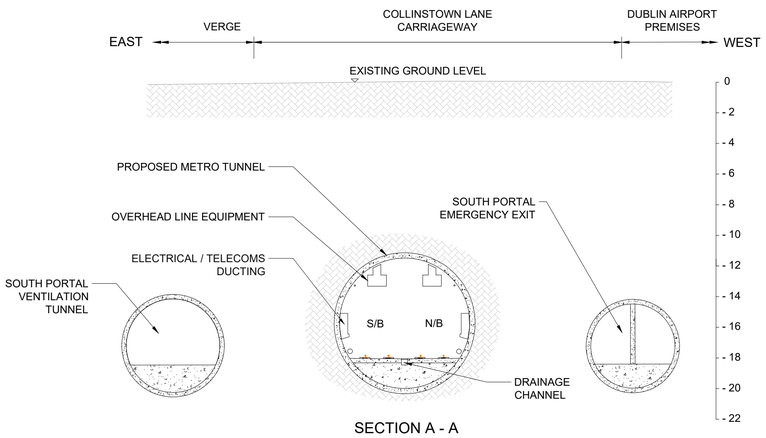
Scales Original Size A1 AS SHOWN

Sheet 1 of 1

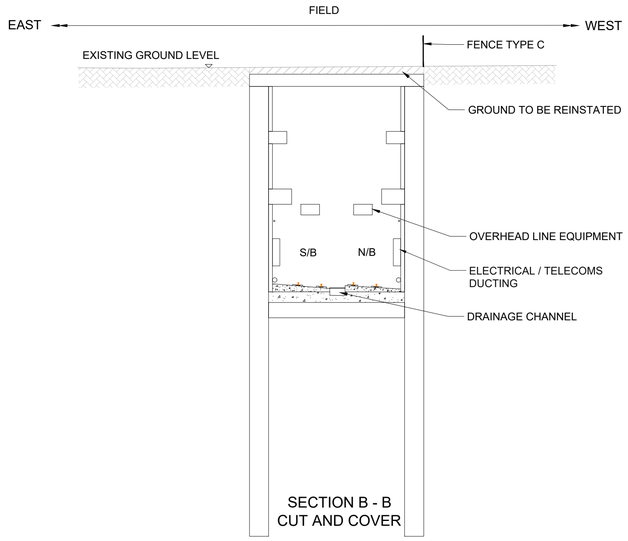


NOTE:
REFER TO DRAWING ML-TP 302 E-F FOR SOUTH PORTAL STRUCTURES PLAN

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



SECTION A - A

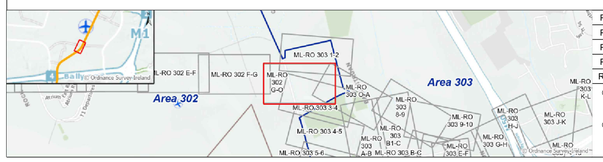


SECTION B - B
CUT AND COVER

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

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
P02	22/11/21	For Railway Order	JR	RS	AS	NC
P03	20/05/22	For Railway Order	BJ	JR	AS	PB
P04	12/04/23	For Railway Order	GB	MM	MM	PB
P05	27/02/24	For Railway Order	JM	JB	JB	PB

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Client: Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair / National Transport Authority
Project: METROLINK
Consultant: JACOBS; IDOM

Drawing Title: METROLINK - GENERAL ARRANGEMENT BALLYSTRAUN (SHEET 1 OF 7)
Drawing Status: S1
Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03036
Plan Drawing Nº: ML-RO 302 G-O
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

MATCH LINE G

G MATCH LINE

63.7

METRO TUNNEL WALL

A

A

FENCE LINE TYPE C

METRO TRACKS

B

B

M50 VIADUCT REFER TO
ML-VR 303 G-J

MATCH LINE H

H MATCH LINE

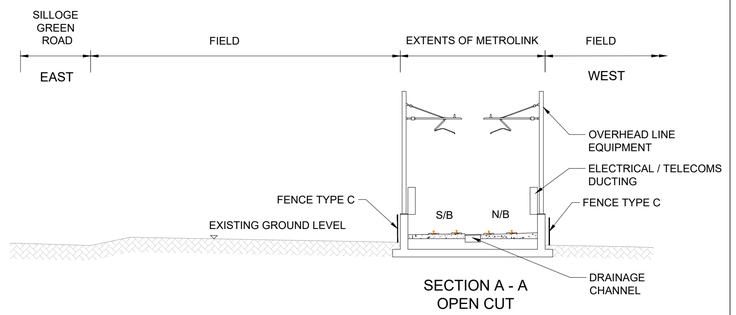
0 10 20 30 40 50

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

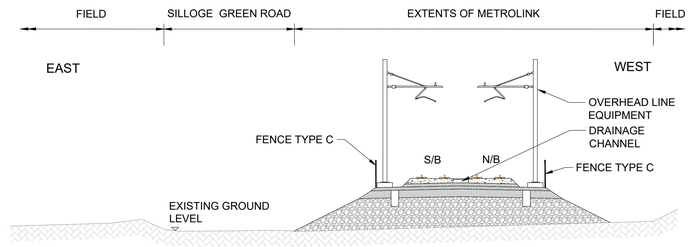
METRES

DRAWING LEGEND:

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



SECTION A - A
OPEN CUT



SECTION B - B
EMBANKMENT

0 5 10 20

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

METRES

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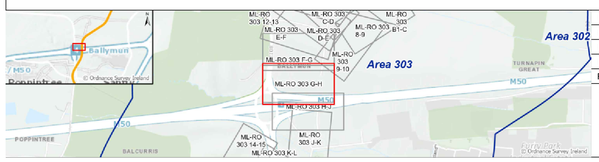
3. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



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	19/05/22	For Railway Order	BJ	JR	AS	PB
P04	17/03/24	For Railway Order	JM	MM	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - GENERAL ARRANGEMENT
BALLYMUN
(SHEET 7 OF 11)

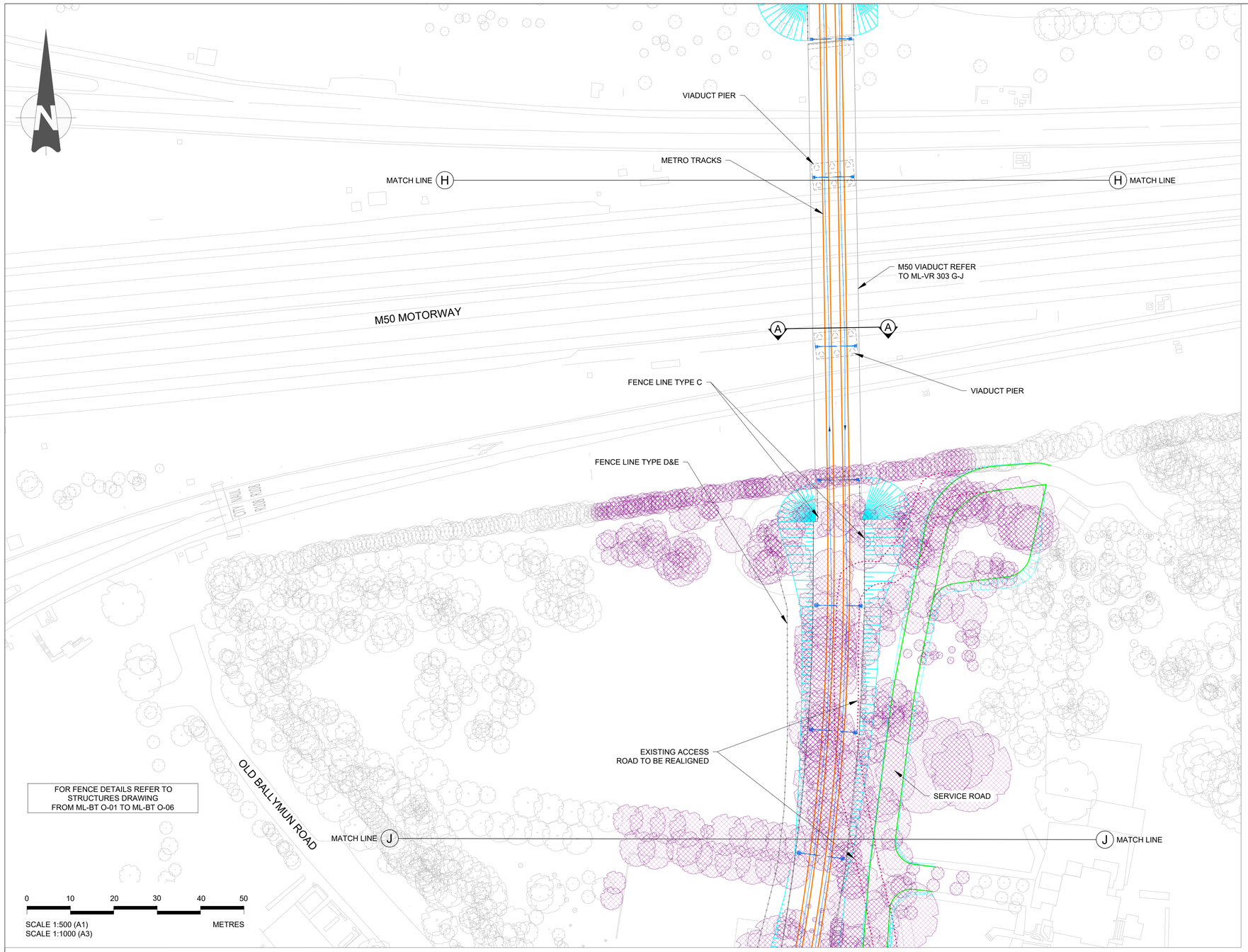
Drawing Status: S1

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03050

Plan Drawing Nº: ML-RO 303 G-H

Scales Original Size A1 AS SHOWN

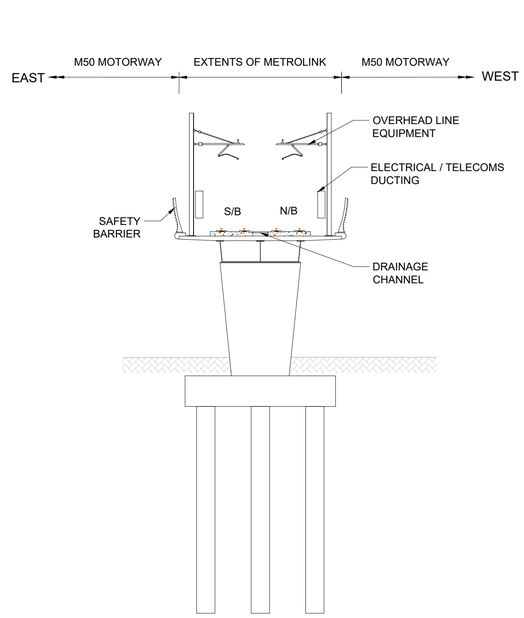
Sheet 1 of 1



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
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- TREES TO BE REMOVED
- TREES TO BE RETAINED



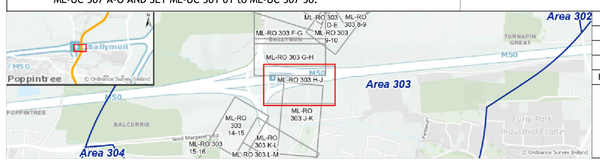
SECTION A - A
VIADUCT M50

0 5 10 20
METRES

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

NOTES:

1. FOR DETAILS OF PROPERTY REQUIREMENTS, SEE BOOK OF PROPERTY DRAWINGS ML-P 301 O-A TO ML-P 307 A-O.
2. FOR DETAILS OF STRUCTURES (INCLUDING STATIONS), SEE BOOK OF STRUCTURES DRAWINGS (FOR EXAMPLE ML-ST-301 B-C1 TO ML-ST 307 O-A8).
3. FOR DETAILS OF UTILITIES, SEE BOOK OF UTILITY DRAWINGS ML-UC 301 O-A TO ML-UC 307 A-O AND SET ML-UC 301 01 to ML-UC 307 30.



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
P05	17/03/24	For Railway Order	JM	MM	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 (TLLG).

Client: TII Transport Infrastructure Ireland; NTA National Transport Authority
Project: METROLINK
Consultant: JACOBS; IDOM

Drawing Title: METROLINK - GENERAL ARRANGEMENT
M50 JUNCTION 4
BALLYMUN

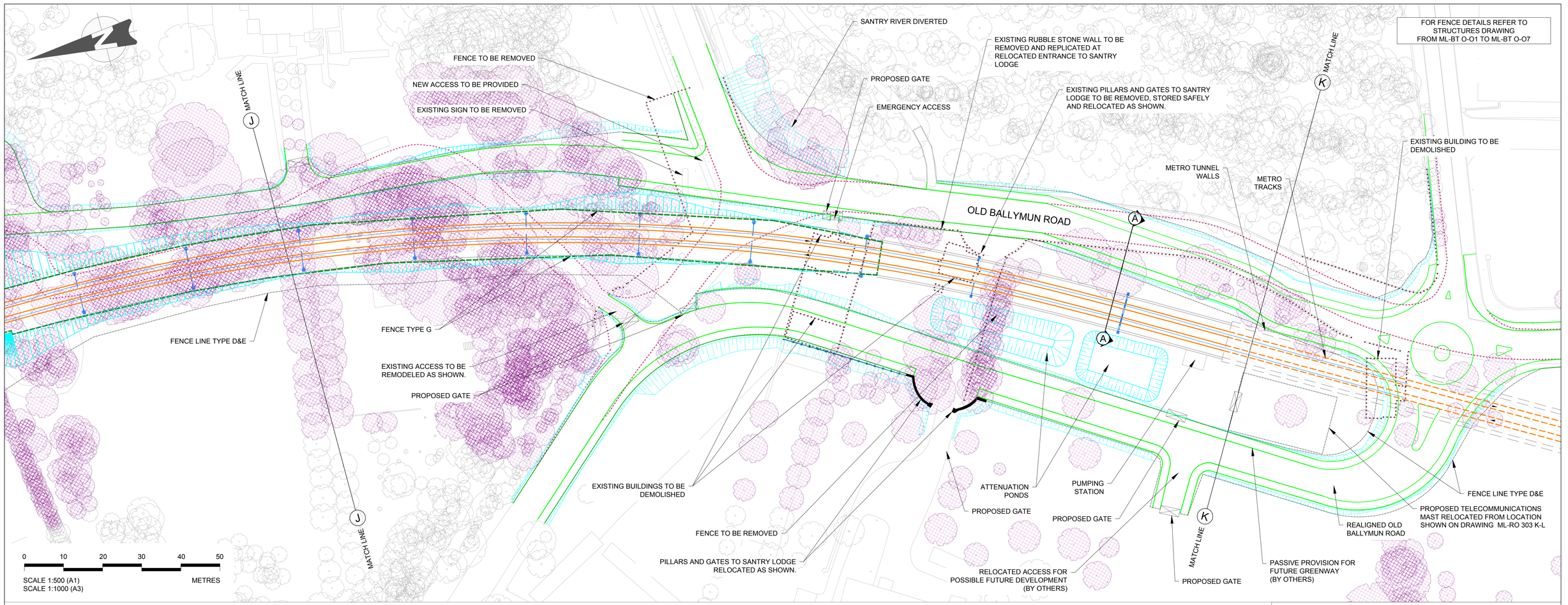
Drawing Status: S0

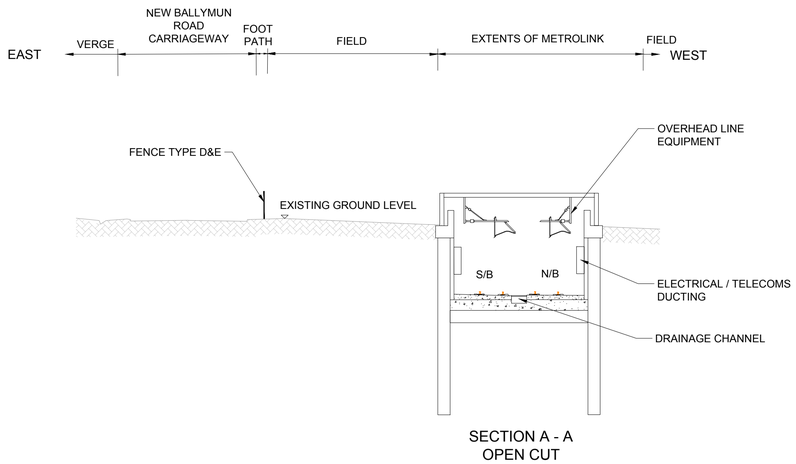
Drawing N°: ML1-JAI-ARD-ROUT_XX-DR-Y-03055

Plan Drawing N°: ML-RO 303 H-J

Scales Original Size A1 AS SHOWN

Sheet 1 of 1





SECTION A - A
OPEN CUT

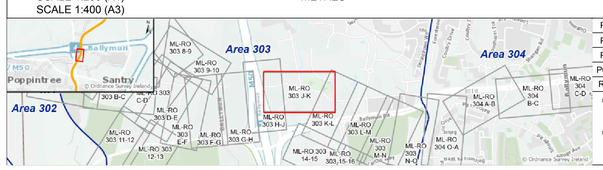
0 5 10 20
SCALE 1:200 (A1)
SCALE 1:400 (A3)
METRES

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:

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
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	25/05/22	For Railway Order	BJ	JR	AS	PB
P04	12/04/23	For Railway Order	GB	MM	MM	PB
P05.1	25/01/24	For Railway Order	MM	AS	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - GENERAL ARRANGEMENT OLD BALLYMUN ROAD (NORTH)

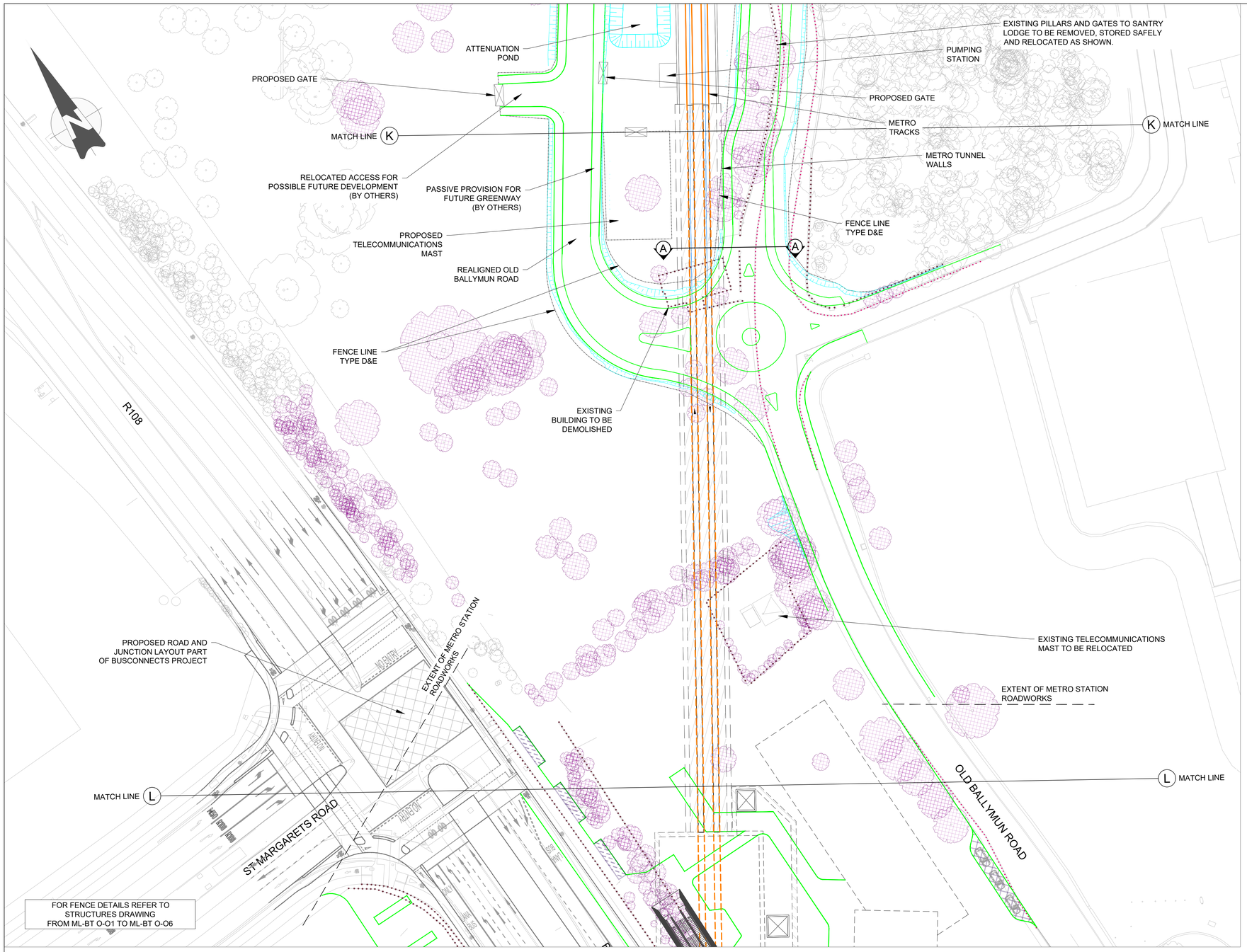
Drawing Status: S1

Drawing N°: ML1-JAI-ARD-ROUT_XX-DR-Y-03056

Plan Drawing N°: ML-RO 303 J-K

Scales Original Size A1 AS SHOWN

Sheet 1 of 1

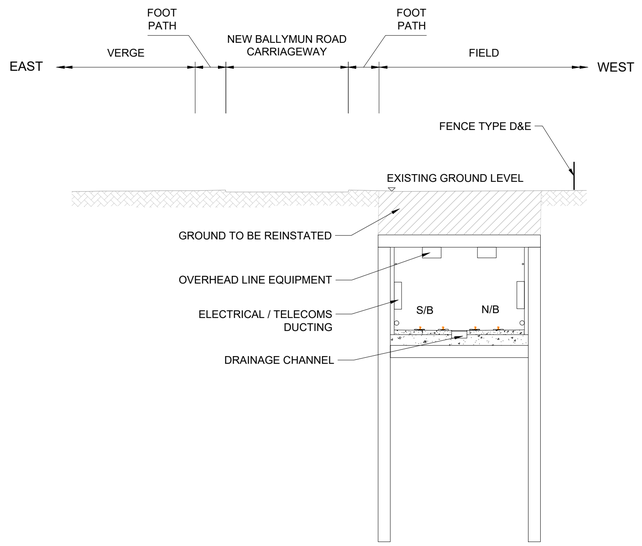


0 10 20 30 40 50

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

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



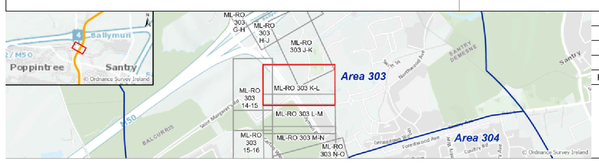
0 5 10 20

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

SECTION A - A
CUT AND COVER

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	29/07/21	For Railway Order	SS	RS	RS	NC
P02	30/11/21	For Railway Order	JR	RS	AS	NC
P03	12/04/23	For Railway Order	BJ	JR	AS	PB
P04	15/03/24	For Railway Order	JM	MM	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Consultant: JACOBS; IDOM

Project: METROLINK

Drawing Title: METROLINK - GENERAL ARRANGEMENT
GULLIVER'S RETAIL PARK

Drawing Status: S1

Drawing N°: ML1-JAI-ARD-ROUT_XX-DR-Y-03057

Plan Drawing N°: ML-RO 303 K-L

Scales Original Size A1 AS SHOWN

Sheet 1 of 1

GLASNEVIN STATION

BOTANIC ROAD

PROSPECT WAY

FINGLAS ROAD

DALCASSIAN DOWNS

DALCASSIAN WAY

PROSPECT ROAD

WHITWORTH ROAD

ROYAL CANAL

ROYAL CANAL BANK

MATCH LINE 4

MATCH LINE 5

MATCH LINE N

MATCH LINE O

PROPOSED ROAD AND JUNCTION LAYOUT PART OF BUSCONNECTS PROJECT, SUBJECT TO PLANNING

FOR DETAILS OF GLASNEVIN METRO STATION REFER TO PLAN NUMBER ML-ST 304 N-O (1-8)

EXISTING PILLARS/RAILING TO BE PROTECTED DURING CONSTRUCTION

EXISTING RAILING TO BE REMOVED STORED SAFELY AND REINSTALLED UPON COMPLETION

BUILDING TO BE DEMOLISHED

PROPOSED PEDESTRIAN CROSSING

CANOPY OUTLINE

DUBLIN FIRE BRIGADE LIFT

EMERGENCY EXIT

STATION ENTRANCE

EQUIPMENT EXIT

EMERGENCY ESCAPE STAIR

CAFE/RETAIL/COMMUNITY AREA ACCESS

OUTLINE UNDERGROUND METRO STATION

PROPOSED SECANT PILED WALL (BELOW GROUND)

EXISTING TOWPATH WALL TO BE PROTECTED DURING COSTRUCTION

BUILDINGS TO BE DEMOLISHED

EXISTING LOCK GATE LEVERS TO BE PROTECTED DURING CONSTRUCTION

PROPOSED NEW BOUNDARY WALL

EXISTING CANAL WALL TO BE REMOVED, STORED SAFELY AND REINSTALLED

METRO TUNNEL WALLS

METRO TRACKS

EQUIPMENT EXIT

RECONFIGURATION OF EXISTING CAR PARK

DRAUGHT RELIEF TUNNEL VENTILATION SYSTEM

RECONFIGURATION OF EXISTING CAR PARK

EXISTING PARKING TO BE REMOVED

LIFTS

IRISH RAIL PLATFORM STAIRS

EQUIPMENT EXIT / VENTILATION

METRO ACCESS STAIRS FROM IRISH RAIL PLATFORM

PROPOSED WALL

EXISTING STONE TUNNEL TO BE DEMOLISHED, STONE STORED SAFELY AND WHERE POSSIBLE REINSTATED ON FACE OF SECANT BOUNDARY WALL

EXISTING CANAL WALL TO BE PROTECTED DURING CONSTRUCTION

0 10 20 30 40 50

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

0 5 10 20

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

EAST — FOOT PATH — PROSPECT AVENUE CARRIAGEWAY — PRIVATE PROPERTY — FOOT PATH — FINGLAS ROAD CARRIAGEWAY — FOOT PATH — WEST

EXISTING GROUND LEVEL

PROPOSED METRO TUNNEL

OVERHEAD LINE EQUIPMENT

ELECTRICAL / TELECOMS DUCTING

DRAINAGE CHANNEL

S/B N/B

0 -2 -4 -6 -8 -10 -12 -14 -16 -18 -20 -22 -24 -26

SECTION A - A

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
- RAIL TRACKS
- PROPOSED CAR PARKING
- PROPOSED BICYCLE PARKING (120 SPACES)
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- TREES TO BE REMOVED
- TREES TO BE RETAINED
- PROPOSED PLATFORM

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
P05	18/08/22	For Railway Order	OO	MM	MM	PB
P06	22/08/22	For Railway Order	OO	MM	MM	PB
P07	13/04/23	For Railway Order	MM	AS	AS	PB
P08	21/03/24	For Railway Order	MM	JB	NC	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - GENERAL ARRANGEMENT
PROSPECT WAY TO ROYAL CANAL

Drawing Status: S0

Drawing N°: ML1-JAI-ARD-ROUT_XX-DR-Y-03076

Plan Drawing N°: ML-RO 304 N-O

Scales Original Size A1 AS SHOWN

Sheet 1 of 1

O´CONNELL STREET STATION

EXISTING BUILDING FACADE TO BE PROTECTED AND MAINTAINED

OVER STATION DEVELOPMENT OUTLINE - THE DESIGN OF THIS BUILDING IS NOT CURRENTLY PART OF THE METROLINK PROJECT

EXISTING BUILDING FACADE TO BE PROTECTED AND MAINTAINED

O'CONNELL STREET UPPER

METRO STATION ENTRANCE

TUNNEL VENTILATION SYSTEM / OVER TRACK EXHAUST

TUNNEL VENTILATION SYSTEM / DRAUGHT RELIEF

LIFT

PRESSURIZATION AND VENTILATION INLET

EXISTING BUILDING FACADE TO BE PROTECTED AND MAINTAINED

DUBLIN FIRE BRIGADE LIFT

LIFT

OUTLINE UNDERGROUND METRO STATION

EMERGENCY STAIRS

MOORE LANE

METRO STATION ENTRANCE

EXISTING STONE SETTS TO BE PROTECTED DURING CONSTRUCTION

EXISTING BUILDINGS TO BE DEMOLISHED

FOR DETAILS OF O'CONNELL STREET STATION REFER TO PLAN NO. ML-ST 305 F-G (1-6)

SMOKE / VENTILATION EXHAUST

EXISTING BUILDING FACADE TO BE PROTECTED AND MAINTAINED

PRESSURIZATION AND VENTILATION INLET

METRO TRACKS

METRO TUNNEL WALLS

EMERGENCY STAIRS

DUBLIN FIRE BRIGADE LIFT

TUNNEL VENTILATION SYSTEM / OVER TRACK EXHAUST

TUNNEL VENTILATION SYSTEM / DRAUGHT RELIEF

EXISTING STONE SETTS TO BE PROTECTED DURING CONSTRUCTION

PARNELL STREET

MATCH LINE

HENRY PLACE

ORAHILLY PARADE

G.P.O. ARCADE

MATCH LINE

NORTH

STREET

PRINCE'S

STREET

0 10 20 30 40 50

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

METRES

EAST — PAVING FOOTPATH | RAIL TRACK | O'CONNELL STREET | PAVING FOOTPATH | GENERAL POST OFFICE — WEST

EXISTING GROUND LEVEL

0
- 2
- 4
- 6
- 8
- 10
- 12
- 14
- 16
- 18
- 20
- 22
- 24

PROPOSED METRO TUNNEL

OVERHEAD LINE EQUIPMENT

ELECTRICAL / TELECOMS DUCTING

DRAINAGE CHANNEL

S/B N/B

SECTION A - A

0 5 10 20

SCALE 1:200 (A1)
SCALE 1:400 (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
- EXISTING WALL TO BE REMOVED

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
P05	16/12/21	For Railway Order	BJ	RS	RS	NC
P06	19/05/22	For Railway Order	BJ	JR	RS	PB
P07	17/08/22	For Railway Order	GB	MM	MM	PB
P08	15/03/24	For Railway Order	MM	AS	NC	PB

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Client: TII Transport Infrastructure Ireland / NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - GENERAL ARRANGEMENT PARNELL STREET TO GPO BUILDINGS

Drawing Status: S0

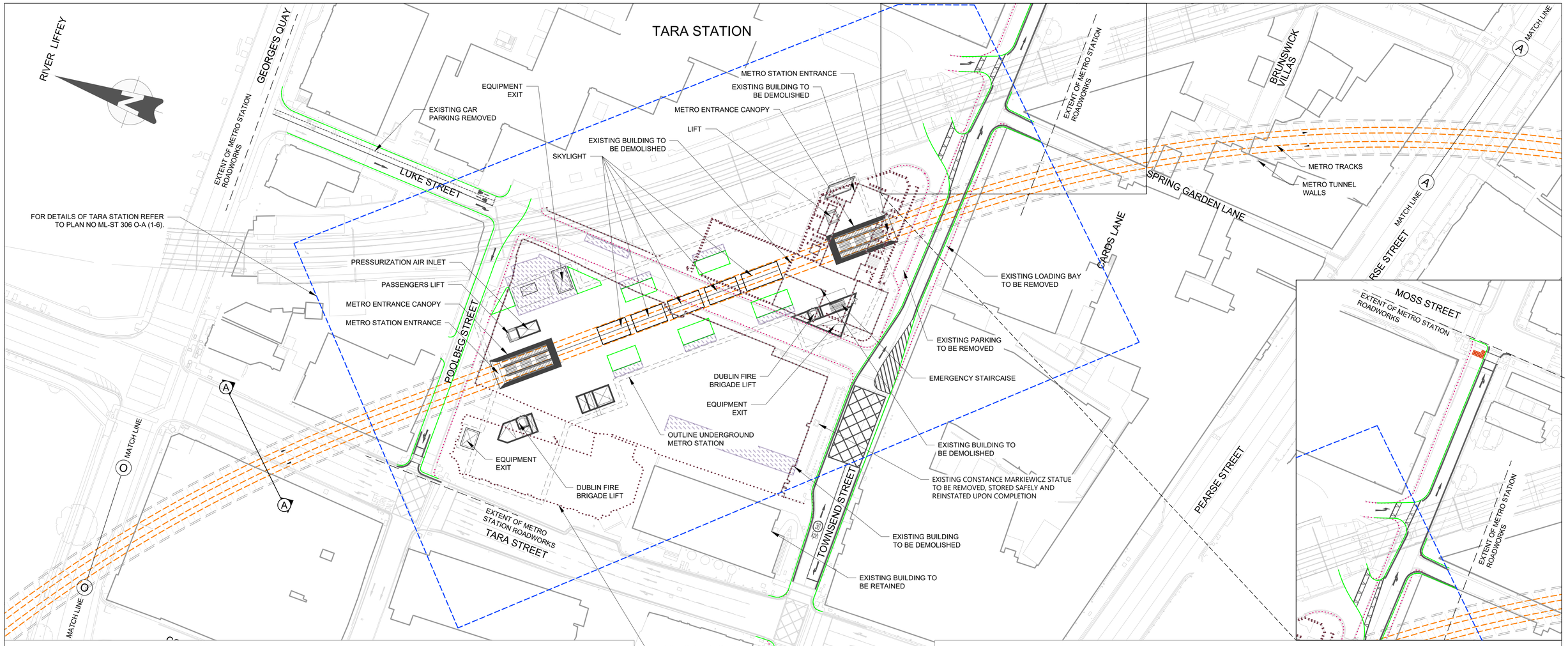
Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03088

Plan Drawing Nº: ML-RO 305 F-G

Scales Original Size A1: AS SHOWN

Sheet 1 of 1

TARA STATION



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 (256 SPACES)
- 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)

REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P04	15/11/21	For Railway Order	JR	RS	AS	NC
P05	19/05/22	For Railway Order	BJ	JR	AS	PB
P06	13/04/23	For Railway Order	GB	MM	MM	PB
P07	22/03/24	For Railway Order	JM	MM	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - GENERAL ARRANGEMENT
BURGH QUAY TO PEARSE STREET

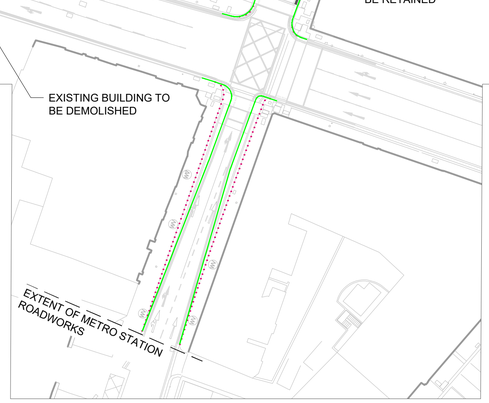
Drawing Status: S0

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03090

Plan Drawing Nº: ML-RO 306 O-A

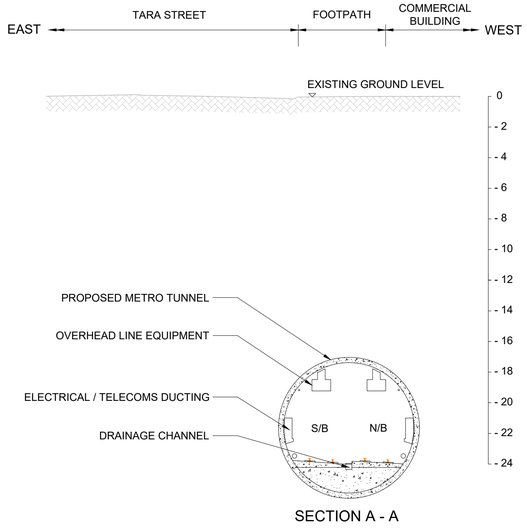
Scales Original Size A1 AS SHOWN

Sheet 1 of 1

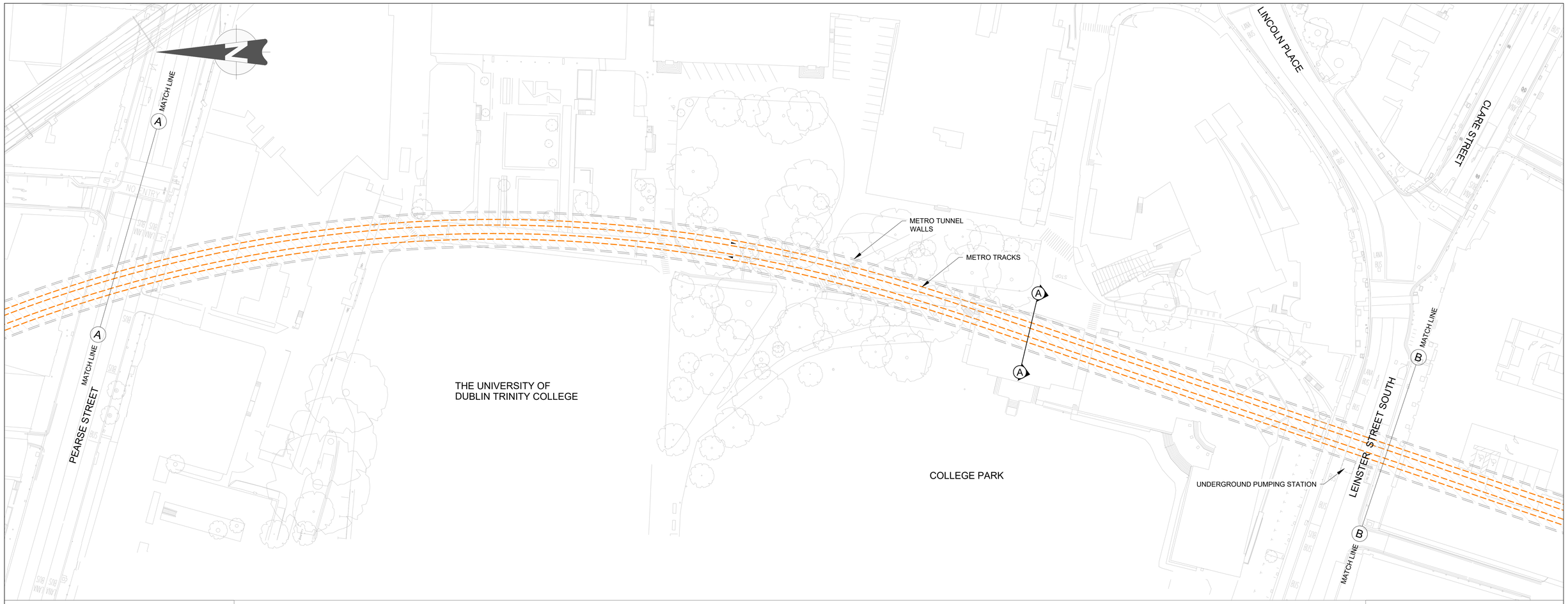


0 5 10 20 METRES

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



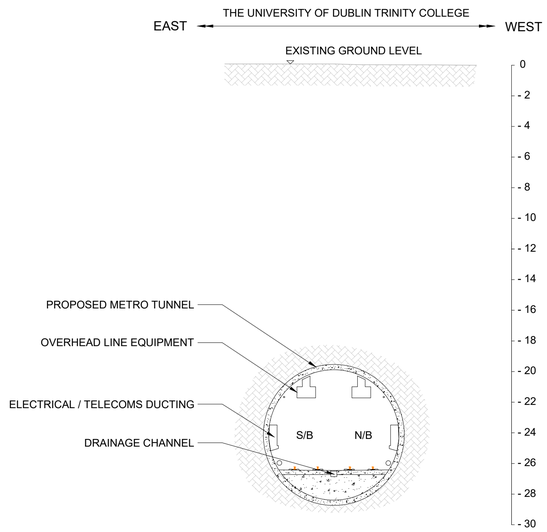
SECTION A - A



0 10 20 30 40 50

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

METRES



SECTION A - A

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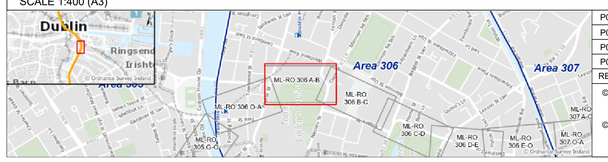
3. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)

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	12/07/21	For Railway Order	RS	RS	AS	NC
P02	31/10/21	For Railway Order	JR	RS	AS	NC
P03	13/04/23	For Railway Order	BJ	JR	AS	PB
P04	11/03/24	For Railway Order	JM	JB	JB	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - GENERAL ARRANGEMENT
PEARSE STREET TO LEINSTER STREET SOUTH

Drawing Status: S0

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03091

Plan Drawing Nº: ML-RO 306 A-B

Scales Original Size A1 AS SHOWN

Sheet 1 of 1

NATIONAL GALLERY OF IRELAND

NATIONAL MUSEUM OF IRELAND - NATURAL HISTORY

CLARE STREET

CLARE LANE

MATCH LINE (B)

MATCH LINE (C)

METRO TUNNEL WALLS

METRO TRACKS

UNDERGROUND PUMPING STATION

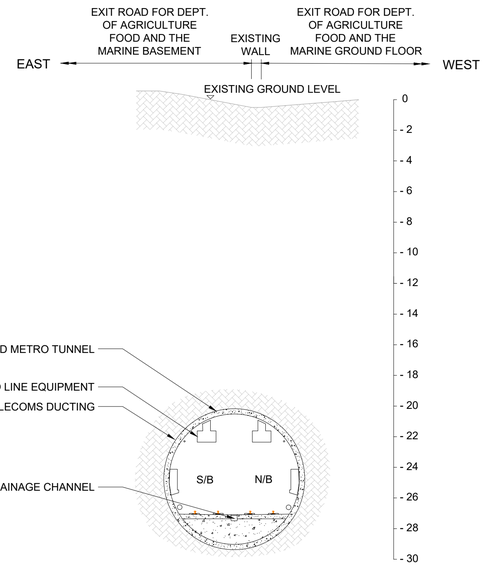
LEINSTER LANE

KILDARE PL.

KILDARE STREET

0 10 20 30 40 50

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



SECTION A - A

0 5 10 20

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

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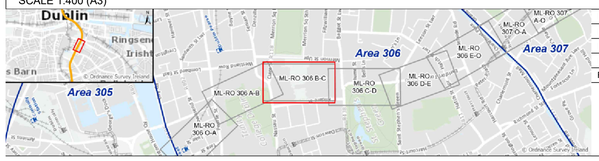

REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	12/07/21	For Railway Order	RS	RS	AS	NC
P02	31/10/21	For Railway Order	JR	RS	AS	NC
P03	13/04/23	For Railway Order	BJ	JR	AS	PB
P04	11/03/24	For Railway Order	JM	JB	JB	PB

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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 Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - GENERAL ARRANGEMENT
LEINSTER ST SOUTH TO ST STEPHEN'S GREEN

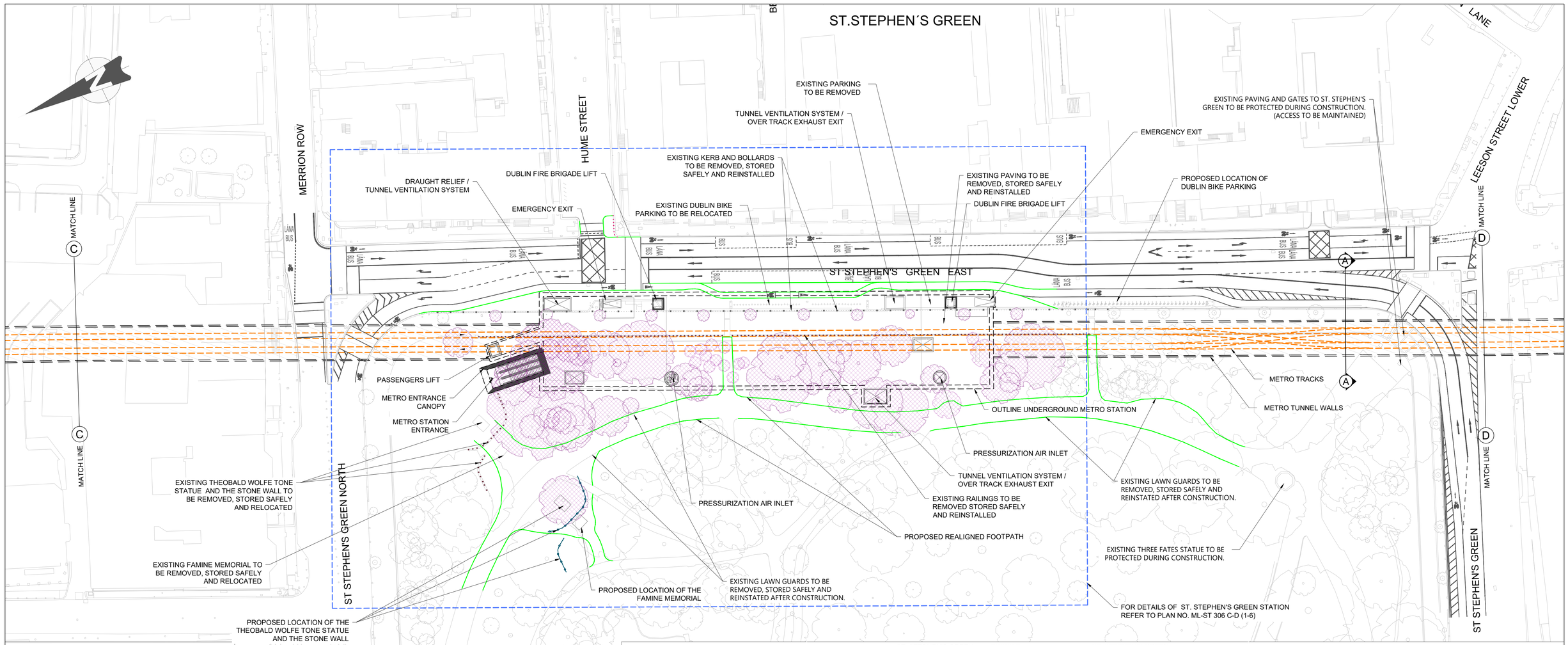
Drawing Status: S0

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03092

Plan Drawing Nº: ML-RO 306 B-C

Scales Original Size A1 AS SHOWN

Sheet 1 of 1



0 10 20 30 40 50

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

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 (82 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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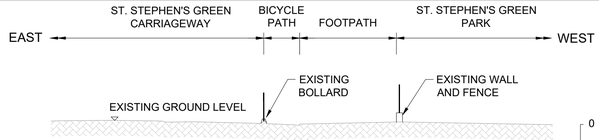

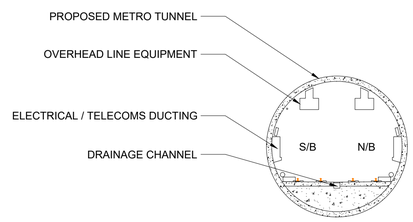

SECTION A - A

0 5 10 20

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

REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	16/12/21	For Railway Order	BJ	RS	RS	NC
P03	19/05/22	For Railway Order	BJ	JR	AS	PB
P04	13/04/23	For Railway Order	GB	MM	MM	PB
P05	13/03/24	For Railway Order	FP	JB	JB	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - GENERAL ARRANGEMENT SAINT STEPHEN'S GREEN

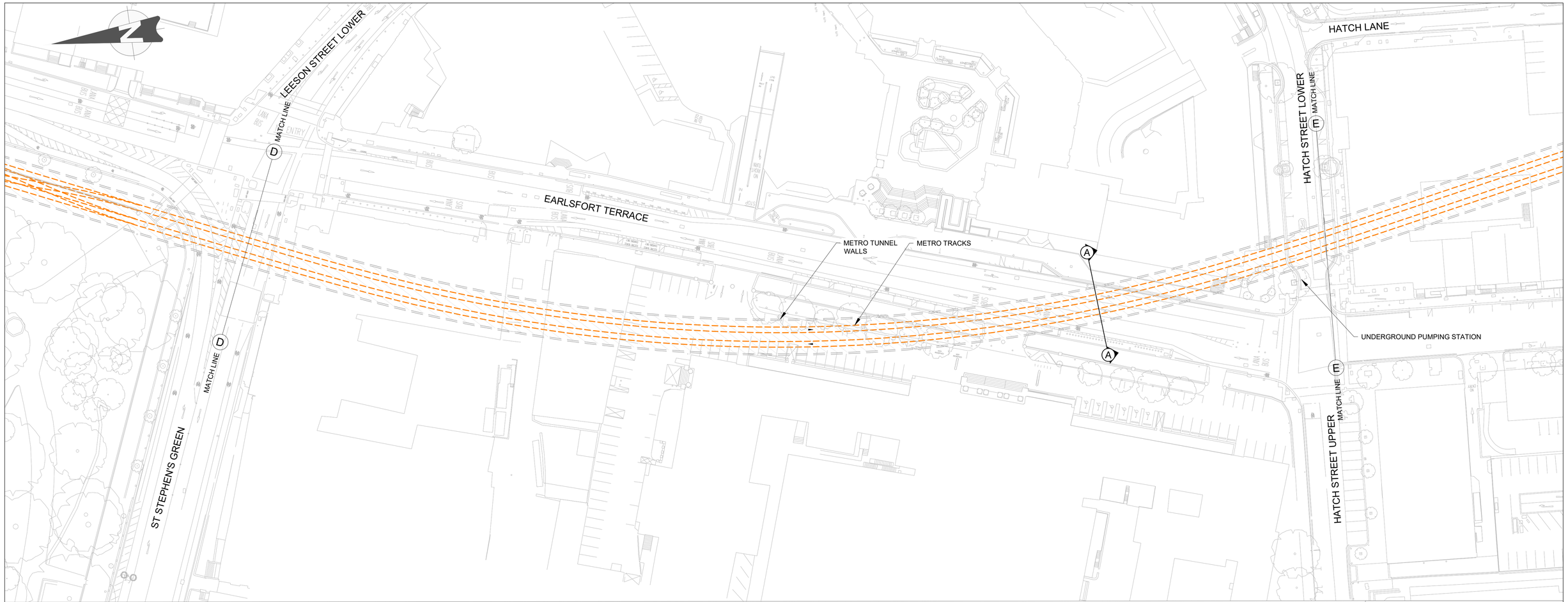
Drawing Status: S0

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03093

Plan Drawing Nº: ML-RO 306 C-D

Scales Original Size A1: AS SHOWN

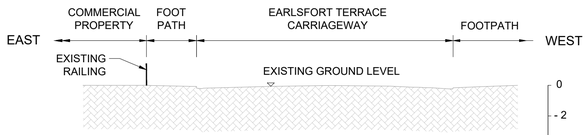
Sheet 1 of 1

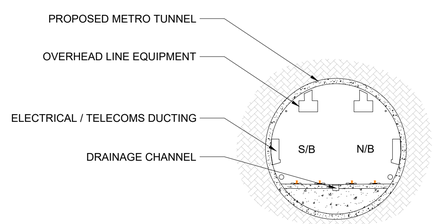


0 10 20 30 40 50

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

METRES





SECTION A - A

0 5 10 20

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

NOTES:

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REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P04	19/05/22	For Railway Order	BJ	JR	AS	PB
P05	13/04/23	For Railway Order	GB	MM	MM	PB
P06	05/03/24	For Railway Order	JM	JB	JB	PB
P07	14/03/24	For Railway Order	JM	JB	JB	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair / National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - GENERAL ARRANGEMENT
ST. STEPHEN'S GREEN TO HATCH ST LOWER

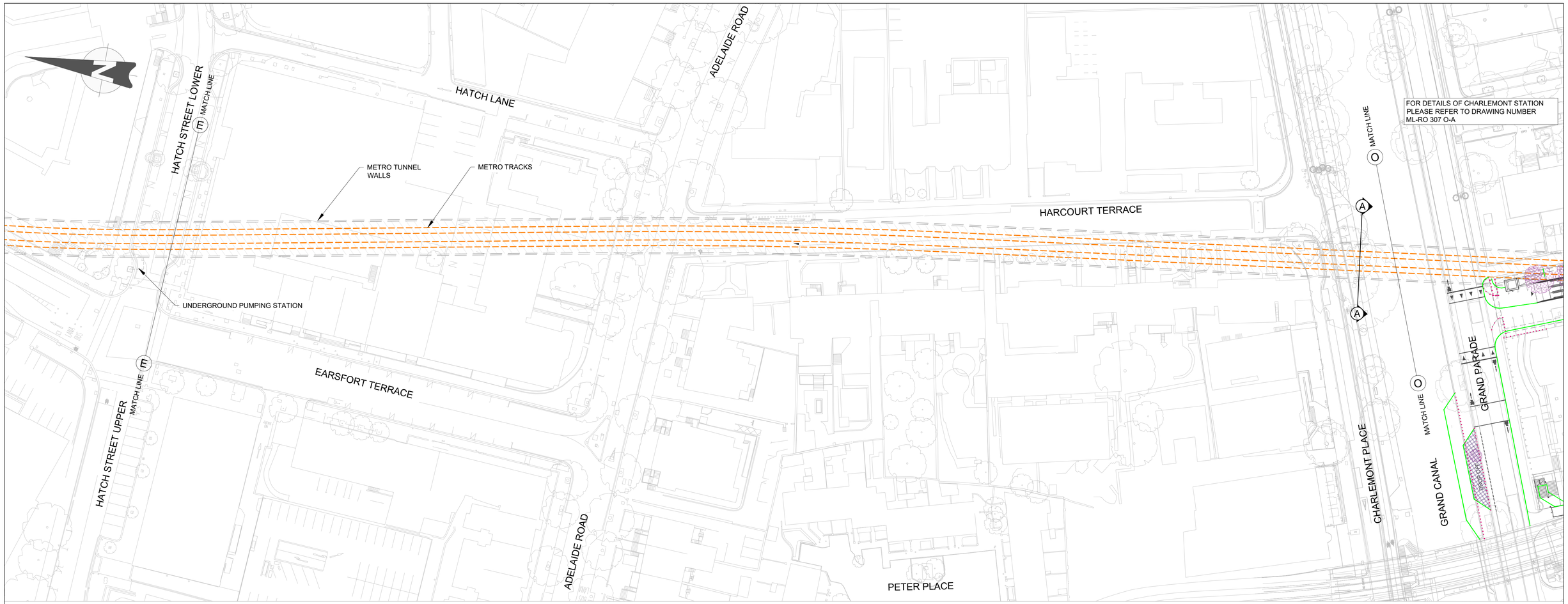
Drawing Status: S0

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03094

Plan Drawing Nº: ML-RO 306 D-E

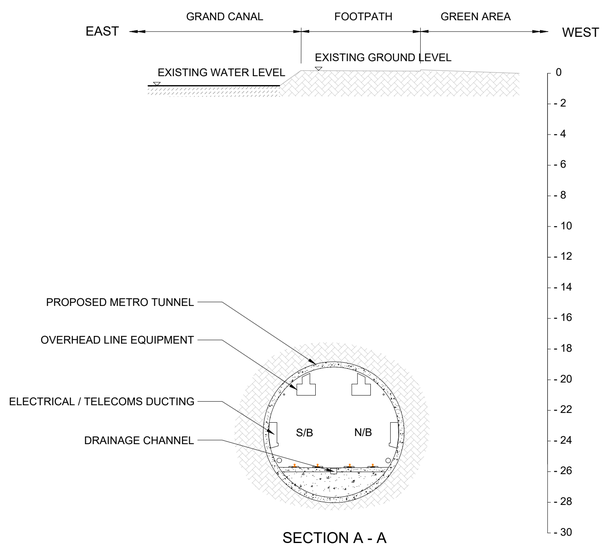
Scales Original Size A1 AS SHOWN

Sheet 1 of 1



0 10 20 30 40 50

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



SECTION A - A

0 5 10 20

SCALE 1:200 (A1)
SCALE 1:400 (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
- EXISTING KERB TO BE REMOVED
- PROPOSED KERB

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P04	19/05/22	For Railway Order	BJ	JR	AS	PB
P05	13/04/23	For Railway Order	GB	MM	MM	PB
P06	05/03/24	For Railway Order	JM	JB	JB	PB
P07	14/03/24	For Railway Order	JM	JB	JB	PB
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Consultant: JACOBS; IDOM

Project: METROLINK

Drawing Title: METROLINK - GENERAL ARRANGEMENT
HATCH STREET LOWER TO GRANDE PARADE

Drawing Status: S0

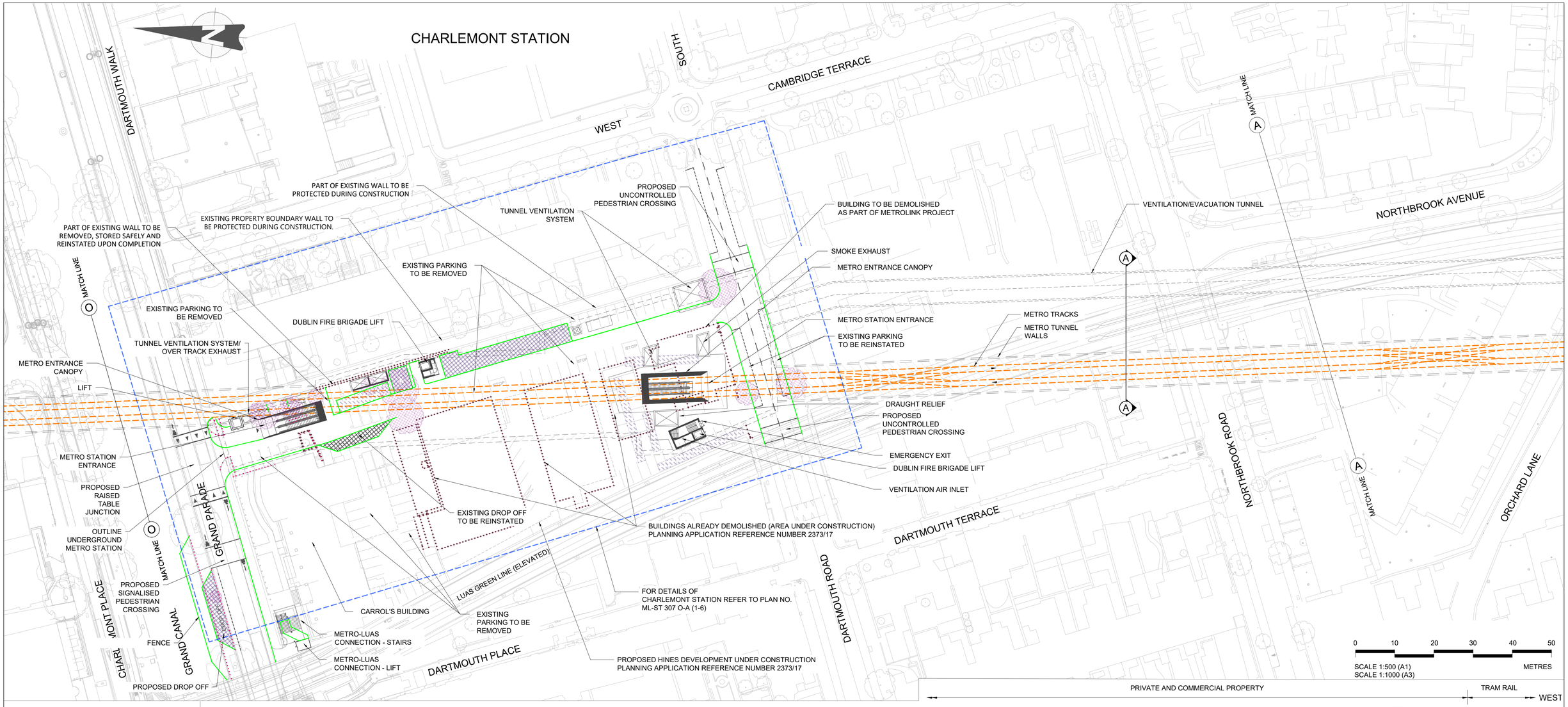
Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03095

Plan Drawing Nº: ML-RO 306 E-O

Scales Original Size A1 AS SHOWN

Sheet 1 of 1

CHARLEMONT STATION



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 (162 SPACES)
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- TREES TO BE REMOVED
- TREES TO BE RETAINED

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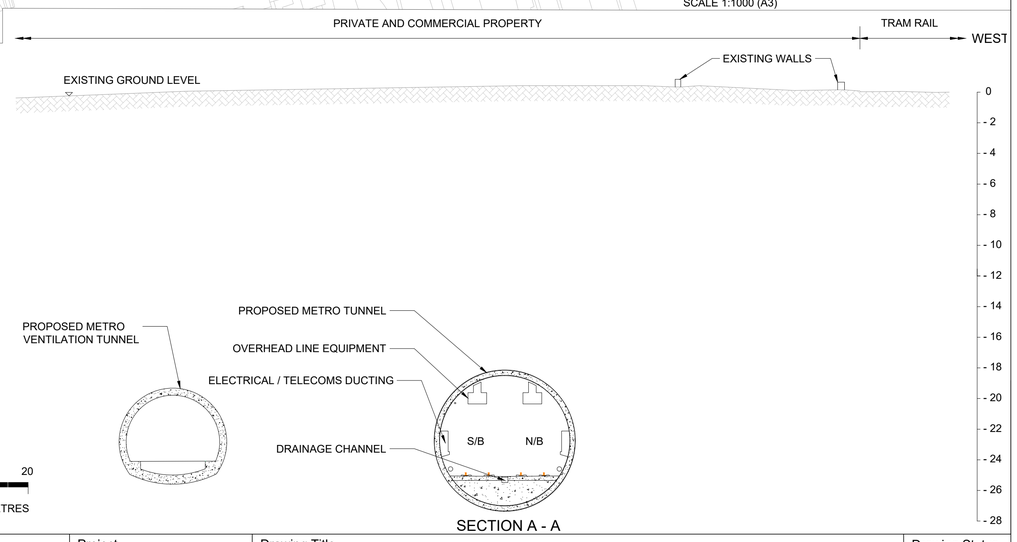
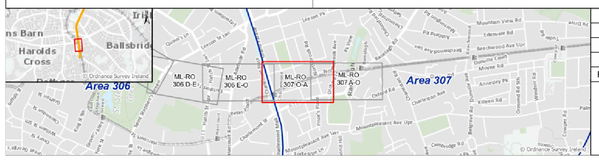
0 5 10 20
SCALE 1:200 (A1)
SCALE 1:400 (A3)
METRES



SECTION A - A



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P05	19/05/22	For Railway Order	BJ	JR	AS	PB
P06	18/08/22	For Railway Order	OO	MM	MM	PB
P07	13/04/23	For Railway Order	MM	AS	AS	PB
P08	19/03/24	For Railway Order	JM	MM	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Consultant: JACOBS; IDOM

Project: METROLINK

Drawing Title: METROLINK - GENERAL ARRANGEMENT GRAND PARADE TO NORTHBROOK ROAD

Drawing Status: S0

Drawing Nº: ML1-JAI-ARD-ROUT_XX-DR-Y-03096

Plan Drawing Nº: ML-RO 307 O-A

Scales Original Size A1

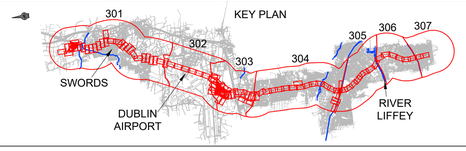
Sheet 1 of

LEGEND

- **Proposed Tree Planting** 18-20cmg standard native tree. Refer to planting schedule
- **Proposed Feature Tree Planting** 200-220 cm trunk. Refer to planting schedule
- **Orchard planting** To communal areas in the Linear Park
- **Woodland planting** Following the Miyawaki method
- **Grass** Amenity Grass seeding on min. 225mm approved topsoil
- **Ornamental perennial/groundcover plant mix** Refer to planting schedule. All planting to be planted into 450mm approved topsoil
- **Swale planting** Refer to planting schedule. All planting to be planted into 450mm approved topsoil
- **Wildflower Meadow** Wildflower Meadow seeding on min. 225mm approved topsoil
- **Low mounding** To linear park
- **Woodland planting** to Boundarys slopes and embankments
- **Bark Mulch Safety Surfacing** To formal playground
- **Resin bound gravel** Buff coloured. To bicycle parking
- **Compacted gravel path** Buff colored compacted gravel to pedestrian footpaths in the linear park
- **Concrete footpath** To highly used pedestrian routes
- **Stone Paving** Stone Paving for footpath and plaza 300x200mm, 80mm thick. Colour: Silver, Mid Gray, Graphite
- **Tactile Stone Paving** Around V pillars at Station Plaza
- **Swale planting/raingarden** Refer to planting schedule. All planting to be planted into 450mm approved topsoil
- **Wildflower Meadow** Wildflower Meadow seeding on min. 225mm approved topsoil
- **Shrub planting/ hedge** 600mm approved topsoil
- **Pond water surface**
- **Wetland area shallow permanent water with wetland planting -water filtration**
- **Reed/ water edge planting**
- **Periodically flooded meadow**
- **Low mounding/depression** To linear park
- **Timber pathway**
- **Steps**
- **HVM Bollards**
- **Raised planters** To main plaza. 450mm high raised planters with concrete seats
- **Seat** Concrete seat with backrest and armrest 500mm high above paving level
- **Bicycle parking structure** With Cafe and changing area
- **Bicycle stand** 'Sheffield' type bicycle stand
- **Spot level**

Legend

- Fence Type A - 1.8m High Boundary Wall with IHA Containment
- Fence Type B - 600mm concrete parapet with 1200mm Mesiweld Fence on top
- Fence Type C - 1.8m Mesiweld Fence
- Fence Type D&E - Timber Post and Rail
- Fence Type F - 1.8m Mesiweld Fence with additional ball stop netting above
- Fence Type G - 1.8m Timber Noise Barrier
- Fence Type H - Residential wall and railing
- Metrolink Controlled Gate
- Landowner Controlled Gate



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	17/06/21	Preliminary Design Issue	CF	FP	FP	NC
P03	26/08/22		FP	MM	MM	PB
P04	17/04/23		FP	MM	MM	PB
P05	21/03/24	For Railway Order	JM	MM	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair / National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: Estuary - Seatown Landscape Layout Preliminary Design Issue

Drawing Status: S4

Drawing Nº: ML1-JAI-ARL-SC01_XX-DR-Y-00002

Scales Original Size A1 1:1000

Sheet 2 of 3

LEGEND

- **Proposed Tree Planting** 18-20cmg standard native tree Refer to planting schedule
- **Proposed Feature Tree Planting** 200-220 cm trunk Refer to planting schedule
- **Orchard planting** To communal areas in the Linear Park
- **Woodland planting** Following the Miyawaki method
- **Grass** Amenity Grass seeding on min. 225mm approved topsoil
- **Ornamental perennial/groundcover plant mix** Refer to planting schedule. All planting to be planted into 450mm approved topsoil
- **Swale planting** Refer to planting schedule. All planting to be planted into 450mm approved topsoil
- **Wildflower Meadow** Wildflower Meadow seeding on min. 225mm approved topsoil
- **Low mounding** To linear park
- **Woodland planting** to Boundarys slopes and embankments
- **Bark Mulch Safety Surfacing** To formal playground
- **Resin bound gravel** Buff coloured To bicycle parking
- **Compacted gravel path** Buff colored compacted gravel to pedestrian footpaths in the linear park
- **Concrete footpath** To highly used pedestrian routes
- **Stone Paving** Stone Paving for footpath and plaza 300x200mm, 80mm thick Colour: Silver, Mid Gray, Graphite
- **Tactile Stone Paving** Around V pillars at Station Plaza
- **Swale planting/raingarden** Refer to planting schedule. All planting to be planted into 450mm approved topsoil
- **Wildflower Meadow** Wildflower Meadow seeding on min. 225mm approved topsoil
- **Shrub planting/ hedge** 600mm approved topsoil
- **Pond** water surface
- **Wetland area shallow permanent water with wetland planting -water filtration**
- **Reed/ water edge planting**
- **Periodically flooded meadow**
- **Low mounding/depression** To linear park
- **Timber pathway**
- **Steps**
- **HVM Bollards**
- **Raised planters** To main plaza 450mm high raised planters with concrete seats
- **Seat** Concrete seat with backrest and armrest 500mm high above paving level
- **Bicycle parking structure** With Cafe and changing area
- **Bicycle stand** 'Sheffield' type bicycle stand
- **Spot level**

REFER TO SHEET-2

REFER TO SHEET-4

For details of Seatown Station refer to ML ST 301 K-L1

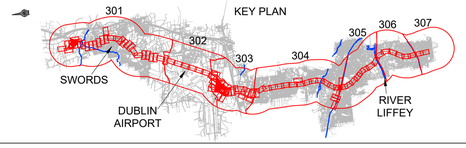
The existing 1.8m boundary wall to be reinstated on a like for like basis along the orogonal alignment (including openings as existing) FInish to be agreed in consultation with residents and other stakeholders.

The existing 1.8m boundary wall to be reinstated on a like for like basis along the orogonal alignment (including openings as existing) FInish to be agreed in consultation with residents and other stakeholders.

N= 741900
E= 718700
N= 741600
E= 718600
E= 718400

THE COURT
THE DRIVE
THE AVENUE
THE GROVE
ESTUARY COURT
SHADOWLANDS
SEATOWN VILLAS
COMYN MANOR
SEATOWN ROAD
SEATOWN TERRACE
NEWCOMEN'S WORTH STREET
ESTUARY JUNCTION
R132
Factory
Car Park
Carpark
Tk

KEY PLAN



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	26/08/22		FP	MM	MM	PB
P03	17/04/23		FP	MM	MM	PB
P04	06/10/23		FP	MM	MM	PB
P05	21/03/24	For Railway Order	JM	MM	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 (TLLG).

Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: Estuary – Seatown Landscape Layout Preliminary Design Issue

Drawing Status: S4

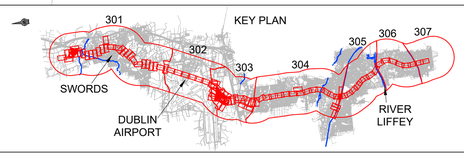
Drawing Nº: ML1-JAI-ARL-SC01_XX-DR-Y-00003

Scales Original Size A1 1:1000

Sheet 3 of 3

LEGEND

- **Proposed Tree Planting** 18-20cmg standard native tree Refer to planting schedule
- **Proposed Feature Tree Planting** 200-220 cm trunk Refer to planting schedule
- **Orchard planting** To communal areas in the Linear Park
- **Woodland planting** Following the Miyawaki method
- **Grass** Amenity Grass seeding on min. 225mm approved topsoil
- **Ornamental perennial/groundcover plant mix** Refer to planting schedule. All planting to be planted into 450mm approved topsoil
- **Swale planting** Refer to planting schedule. All planting to be planted into 450mm approved topsoil
- **Wildflower Meadow** Wildflower Meadow seeding on min. 225mm approved topsoil
- **Low mounding** To linear park
- **Woodland planting** to Boundarys slopes and embankments
- **Bark Mulch Safety Surfacing** To formal playground
- **Resin bound gravel** Buff coloured To bicycle parking
- **Compacted gravel path** Buff colored compacted gravel to pedestrian footpaths in the linear park
- **Concrete footpath** To highly used pedestrian routes
- **Stone Paving** Stone Paving for footpath and plaza 300x200mm, 80mm thick Colour: Silver, Mid Gray, Graphite
- **Tactile Stone Paving** Around V pillars at Station Plaza
- **Swale planting/raingarden** Refer to planting schedule. All planting to be planted into 450mm approved topsoil
- **Wildflower Meadow** Wildflower Meadow seeding on min. 225mm approved topsoil
- **Shrub planting/ hedge** 600mm approved topsoil
- **Pond** **water surface**
- **Wetland area shallow permanent water with wetland planting -water filtration**
- **Reed/ water edge planting**
- **Periodically flooded meadow**
- **Low mounding/depression** To linear park
- **Timber pathway**
- **Steps**
- **HVM Bollards**
- **Raised planters** To main plaza 450mm high raised planters with concrete seats
- **Seat** Concrete seat with backrest and armrest 500mm high above paving level
- **Bicycle parking structure** With Cafe and changing area
- **Bicycle stand** Sheffield type bicycle stand
- **Spot level**



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	18/05/21		CF	FP	FP	NC
P02	26/08/22		FP	FP	MM	PB
P03	29/03/23		FP	MM	MM	PB
P04	21/03/24	For Railway Order	JM	MM	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: Swords Central - Fosterstown Landscape Layout Preliminary Design Issue

Drawing Status: S4

Drawing Nº: ML1-JAI-ARL-SC03_XX-DR-Y-00006

Scales Original Size A1 1:1000

Sheet 2 of 2

LEGEND

Proposed Tree Planting
18-20cmg standard native tree
Refer to planting schedule

Proposed Feature Tree Planting
200-220 cm trunk
Refer to planting schedule

Orchard planting
To communal areas in the Linear Park

Woodland planting
Following the Miyawaki method

Grass
Amenity Grass seeding on
min. 225mm approved topsoil

Ornamental perennial/groundcover plant mix
Refer to planting schedule. All planting to be planted into 450mm approved topsoil

Swale planting
Refer to planting schedule. All planting to be planted into 450mm approved topsoil

Wildflower Meadow
Wildflower Meadow seeding on
min. 225mm approved topsoil

Low mounding
To linear park

Woodland planting
to Boundarys slopes and embankments

Bark Mulch Safety Surfacing
To formal playground

Resin bound gravel
Buff coloured
To bicycle parking

Compacted gravel path
Buff colored compacted gravel to pedestrian footpaths in the linear park

Concrete footpath
To highly used pedestrian routes

Stone Paving
Stone Paving for footpath and plaza
300x200mm, 80mm thick
Colour: Silver, Mid Gray, Graphite

Tactile Stone Paving
Around V pillars at Station Plaza

Swale planting/raingarden
Refer to planting schedule. All planting to be planted into 450mm approved topsoil

Wildflower Meadow
Wildflower Meadow seeding on
min. 225mm approved topsoil

Shrub planting/ hedge
600mm approved topsoil

Pond
water surface

Wetland area shallow permanent water with wetland planting -water filtration

Reed/ water edge planting

Periodically flooded meadow

Low mounding/depression
To linear park

Timber pathway

Steps

HVM Bollards

Raised planters
To main plaza
450mm high raised planters with concrete seats

Seat
Concrete seat with backrest and armrest
500mm high above paving level

Bicycle parking structure
With Cafe and changing area

Bicycle stand
'Sheffield' type bicycle stand

Spot level

Legend

- Fence Type A - 1.8m High Boundary Wall with HAs Containment
- Fence Type B - 600mm concrete parapet with 1200mm Mesheweld Fence on top
- Fence Type C - 1.8m Mesheweld Fence
- Fence Type D&E - Timber Post and Rail
- Fence Type F - 1.8m Mesheweld Fence with additional ball stop netting above
- Fence Type G - 1.8m Timber Noise Barrier
- Fence Type H - Residential wall and railing
- Metrolink Controlled Gate
- Landowner Controlled Gate

REFER TO SHEET-12

REFER TO SHEET-14

Under Const.

M50 MOTORWAY

Truck Park

Car Park

St.Ann's

BM 61.68

OLD BALLYMUN

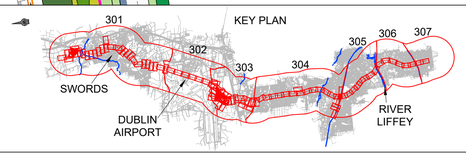
OLD BALLYMUN ROAD

OUT LINE

E= 715500 N= 741700

E= 715800 N= 741100

KEY PLAN



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	28/05/21	Preliminary Design Issue	FP	MM	MM	PB
P02	28/07/22	Preliminary Design Issue	FP	MM	MM	PB
P03	29/03/23	Preliminary Design Issue	FP	MM	MM	PB
P04	21/03/24	For Railway Order	JM	MM	AS	PB

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Client: TII Transport Infrastructure Ireland / NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: Northwood-Ballymun
Landscape Layout
Preliminary Design Issue

Drawing Status: S4

Drawing Nº: ML1-JAI-ARL-SC07_GF-DR-X-00113

Scales Original Size A1 1:500

Sheet of

For details of Northwood station refer to ML1-JAI-ARL-ST-303 (-M1

OLD BALLYMUN ROAD

NORTHWOOD AVENUE

BALLYMUN ROAD

DOMVILLE WOODS

Ballymun Main Street

R108

SANTRY CROSS

Santry Cross

City Co Bdy

Sports Ground

Car Park

BALCURRIS PARK

ST. JOSEPHS WAY

CAIRN COURT

BALBUTCHER LANE

SWORDS

DUBLIN AIRPORT

RIVER LIFFEY

LEGEND

- **Proposed Tree Planting** 18-20cmg standard native tree Refer to planting schedule
- **Proposed Feature Tree Planting** 200-220 cm trunk Refer to planting schedule
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- **Wetland area shallow permanent water with wetland planting -water filtration**
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- **Steps**
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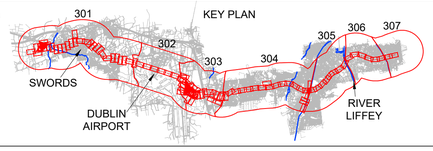
- **Seat** Concrete seat with backrest and armrest 500mm high above paving level
- **Bicycle parking structure** With Cafe and changing area
- **Bicycle stand** Sheffield type bicycle stand
- **Spot level**

Legend

- Fence Type A - 1.8m High Boundary Wall with HAs Containment
- Fence Type B - 600mm concrete parapet with 1200mm Meshweld Fence on top
- Fence Type C - 1.8m Meshweld Fence
- Fence Type D&E - Timber Post and Rail
- Fence Type F - 1.8m Meshweld Fence with additional ball stop netting above
- Fence Type G - 1.8m Timber Noise Barrier
- Fence Type H - Residential wall and railing
- Metrolink Controlled Gate
- Landowner Controlled Gate

KEY PLAN



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	30/04/21	Preliminary Design Issue	FP	MM	MM	PB
P02	28/07/22	Preliminary Design Issue	FP	MM	MM	PB
P03	01/09/22	Preliminary Design Issue	FP	MM	MM	PB
P04	21/03/24	For Railway Order	JM	MM	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: Northwood-Ballymun Landscape Layout Preliminary Design Issue

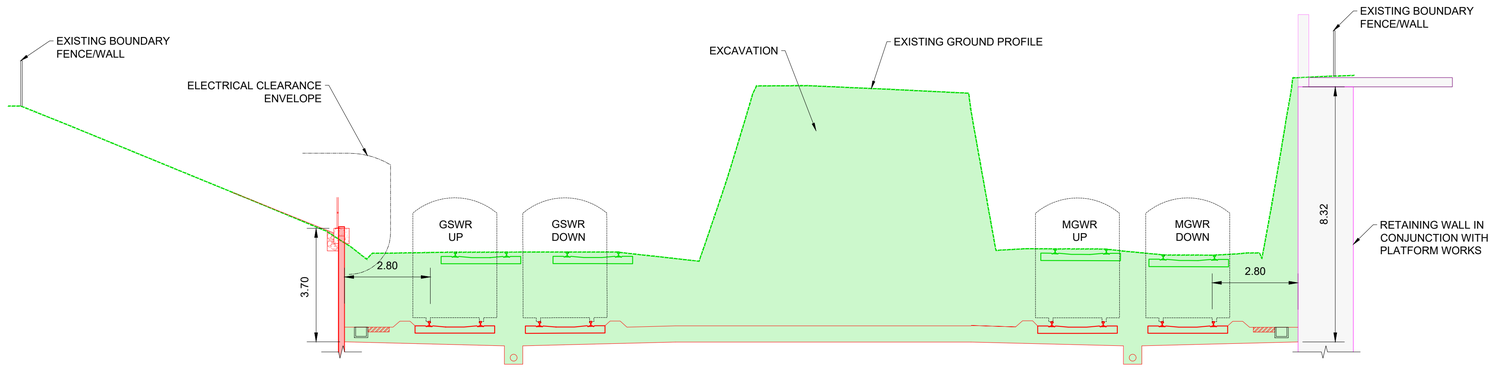
Drawing Status: S4

Drawing Nº: ML1-JAI-ARL-SC07_GF-DR-Y-00114

Scales Original Size A1 1:500

Sheet of

SECTION A-A



0 5 10

SCALE 1:100 (A1)
SCALE 1:200 (A3)
METRES

0 10 20 30 40 50

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

REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P03	15/03/24	For Railway Order	MM	RS	AS	PB
P01	13/08/21	For Railway Order	JR	RS	AS	NC
P02	01/06/22	For Railway Order	BJ	JR	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK
GLASNEVIN HEAVY RAIL
TRACK REALIGNMENT

Drawing Status: S0

Drawing Nº: ML1-JAI-SRD-MS11_XX-DR-Y-01001

Plan Drawing Nº: ML-ST 304 N-O9

Scales Original Size A1 AS SHOWN

Sheet1 of 5

GLASNEVIN STATION

EXISTING RAILING TO BE REMOVED STORED SAFELY AND REINSTALLED UPON COMPLETION
PROPOSED BUS STOP
BUILDING TO BE DEMOLISHED
PROPOSED TOUCAN CROSSING
PROPOSED STEPS
PROPOSED BUS STOP
CANOPY OUTLINE
PROPOSED TOUCAN CROSSING
ROAD LAYOUT AS PART OF BUSCONNECTS DESIGN, SUBJECT TO PLANNING
PHIBSBOROUGH ROAD
EMERGENCY EXIT
DUBLIN FIRE BRIGADE LIFT
RECONFIGURATION OF EXISTING CAR PARK
OVER TRACK EXHASUT, TUNNEL VENTILATION SYSTEM
SMOKE AND VENTILATION EXHAUST
DRAUGHT RELIEF TUNNEL VENTILATION SYSTEM
OUTLINE UNDERGROUND METRO STATION
EMERGENCY EXIT
DUBLIN FIRE BRIGADE LIFT
STATION BUILDING ENTRANCE
METRO STATION ENTRANCE
LIFT
CANOPY OUTLINE
EMERGENCY EXIT
LIFTS
LIFTS
RECONFIGURATION OF EXISTING CAR PARK
EXISTING PARKING TO BE REMOVED
EQUIPMENT EXIT / VENTILATION
PROPOSED BIKE PARKING
PROPOSED WALL
METRO ACCESS STAIRS FROM IRISH RAIL PLATFORM
EMERGENCY EXIT
PROPOSED SECANT PILED WALL
EXISTING TOWPATH WALL TO BE PROTECTED DURING COSTRUCTION
BUILDINGS TO BE DEMOLISHED
METRO TUNNEL WALLS
METRO TRACKS
LIFTS
RETAIL/CAFE/COMMUNITY AREA ACCESS
DRAUGHT RELIEF TUNNEL VENTILATION SYSTEM
OVER TRACK EXHASUT, TUNNEL VENTILATION SYSTEM
RETAIL/COMMUNITY /MULTIPURPOSE AREA ACCESS
DUBLIN FIRE BRIGADE LIFT
EXISTING LOCK GATE LEVERS TO BE PROTECTED DURING CONSTRUCTION
STATION BUILDING ENTRANCE
UPPER MEZZANINE COMMUNITY AREA/SPACE
IRISH RAIL PLATFORM STAIRS
SECTION OF EXISTING CANAL WALL TO BE REMOVED, STORED SAFELY AND REINSTALLED
PROPOSED NEW BOUNDARY WALL
EXISTING CANAL WALL TO BE PROTECTED DURING CONSTRUCTION
EXISTING LOCK GATE LEVERS TO BE PROTECTED DURING CONSTRUCTION
PROPOSED STEPS
ROYAL CANAL

FOR FURTHER DETAILS ON MATERIALS REFER TO MATERIALS PALETTE DOCUMENT

DRAWING LEGEND

- PROPOSED CARRIAGEWAY
- PROPOSED FOOTPATH
- PROPOSED BICYCLE LANE
- PROPOSED SUDs PAVING
- PROPOSED BUS STOP
- PROPOSED BENCHES
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- EXISTING TREES TO BE REMOVED
- PROPOSED TREE PLANTING
- TREES TO BE RETAINED
- METRO TUNNEL EXTENTS
- PROPOSED PLATFORM
- PROPOSED BUSCONNECTS LAYOUT (BY OTHERS)
- PROPOSED 6m HEIGHT LIGHTING
- PROPOSED 8m HEIGHT LIGHTING
- PROPOSED 10m HEIGHT LIGHTING
- PROPOSED WALL
- EXISTING WALL TO BE REMOVED
- PROPOSED CONCRETE FOOTPATH
- PROPOSED BUS LANE
- PROPOSED RAMP
- PROPOSED FEATURE PLANTING
- PROPOSED ROAD ISLAND
- PROPOSED SHRUBS AREA
- PROPOSED CAR PARKING
- PROPOSED BICYCLE PARKING (120 SPACES)
- WATERWAY
- PROPOSED SHARED SURFACE (TARMAC)
- TRAFFIC FLOW
- PROPOSED TACTILE PAVING
- PROPOSED BOLLARDS OR EQUIVALENT (HVM)
- PROPOSED KERB
- EXISTING KERB TO BE REMOVED

NOTES:

1. FOR DETAILS OF GENERAL ARRANGEMENT (ALIGNMENT) SEE BOOK OF ALIGNMENT DRAWINGS (DRAWINGS COMMENCING ML RO)
2. FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
3. FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
4. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)

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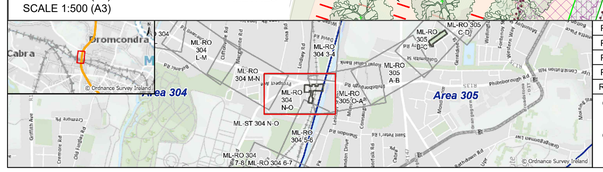
SCALE 1:500 (A3)



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P03	19/05/22	For Railway Order	BJ	JR	AS	NC
P04	24/08/22	For Railway Order	OO	MM	MM	PB
P05	29/08/22	For Railway Order	OO	MM	AS	PB
P06	15/03/24	For Railway Order	MM	RS	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority
Project: METROLINK
Consultant: JACOBS IDOM

Drawing Title: METROLINK- STRUCTURES
GLASNEVIN STATION
PROPOSED STREET LEVEL DESIGN

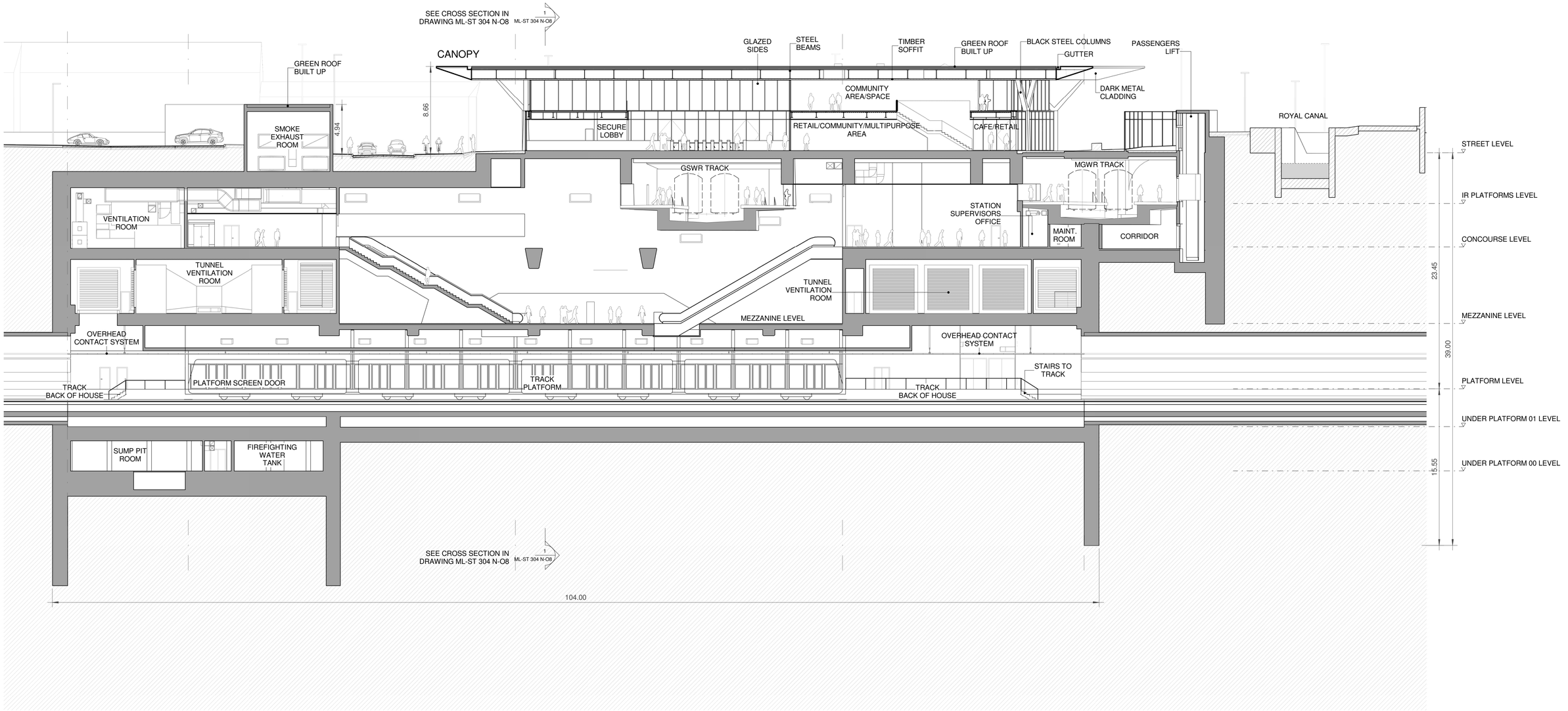
Drawing Status: S0

Drawing Nº: ML1-JAI-SRD-ROUT_XX-DR-Y-02057

Plan Drawing Nº: ML-ST 304 N-O1

Scales Original Size A1 1:250

Sheet 1 of 8



GLASNEVIN STATION - LONGITUDINAL SECTION

1 : 200

0 5 10 20

METRES

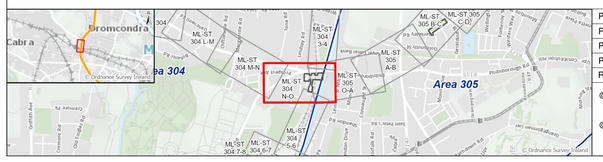
SCALE 1:200 (A1)
SCALE 1:400 (A3)

NOTES:

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

2. FOR DETAILS OF GENERAL ARRANGEMENT(ALIGNMENT), SEE BOOK OF ALIGNMENT DRAWINGS (DRAWINGS COMMENCING ML-RO).

3. FOR LANDSCAPE DETAILS, SEE PROPOSED STREET LEVEL DESIGN PLAN AND STREET LEVEL ELEVATIONS DRAWINGS (DRAWINGS COMMENCING ML-ST).



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P04	MAR. 24	FOR RAILWAY ORDER	AMM	GDV	JBL	PB
P03	MAY. 22	FOR RAILWAY ORDER	AMM	GDV	JBL	NC
P02	MAY. 22	FOR RAILWAY ORDER	AMM	GDV	JBL	NC
P01	OCT. 21	FOR RAILWAY ORDER	AMM	GDV	JBL	NC

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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 Iompair Éireann Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - STRUCTURES
GLASNEVIN STATION
LONGITUDINAL SECTION

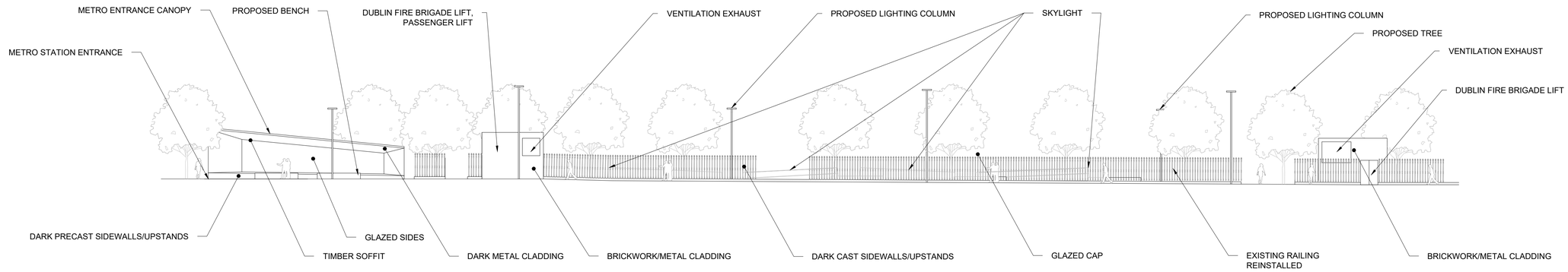
Drawing Status: S0

Drawing Nº: ML1-JAI-SRD-ROUT_XX-DR-Y-02063

Plan Drawing Nº: ML-ST 304 N-O7

Scales Original Size A1 1 : 200

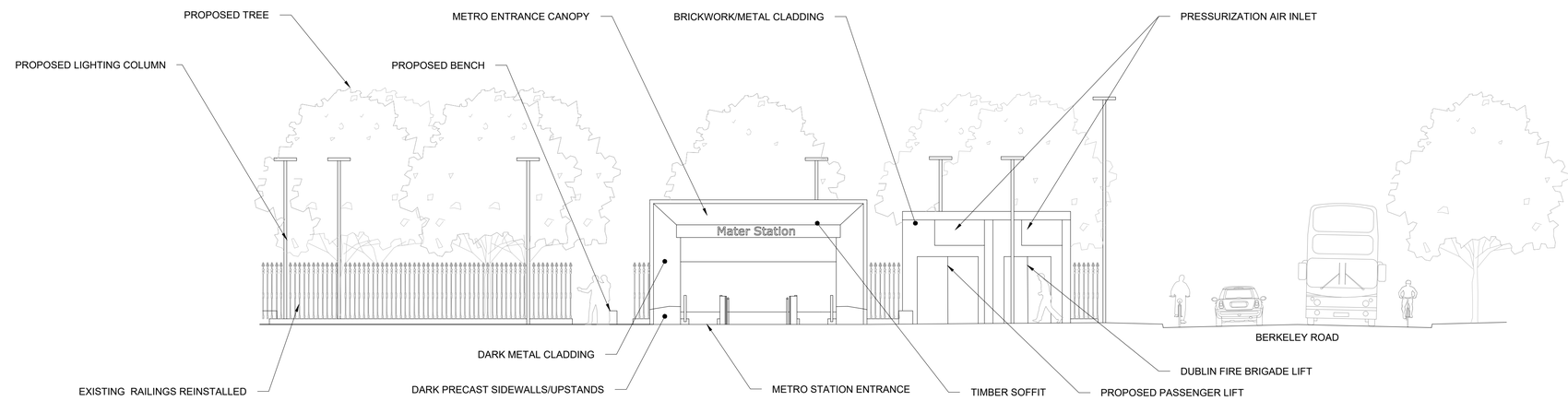
Sheet 7 of 8



0 5 10 20

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

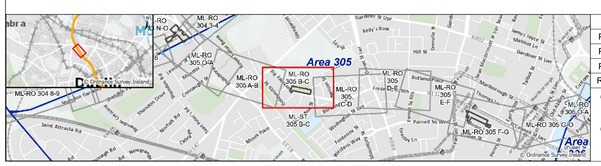
ELEVATION A - A



0 5 10

SCALE 1:100 (A1)
SCALE 1:200 (A3)
METRES

ELEVATION B - B



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P03	14/03/24	For Railway Order	AM	GD	JB	PB
P01	23/07/21	For Railway Order	BJ	JR	RS	NC
P02	16/12/21	For Railway Order	BJ	RS	RS	NC

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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: Transport Infrastructure Ireland / NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

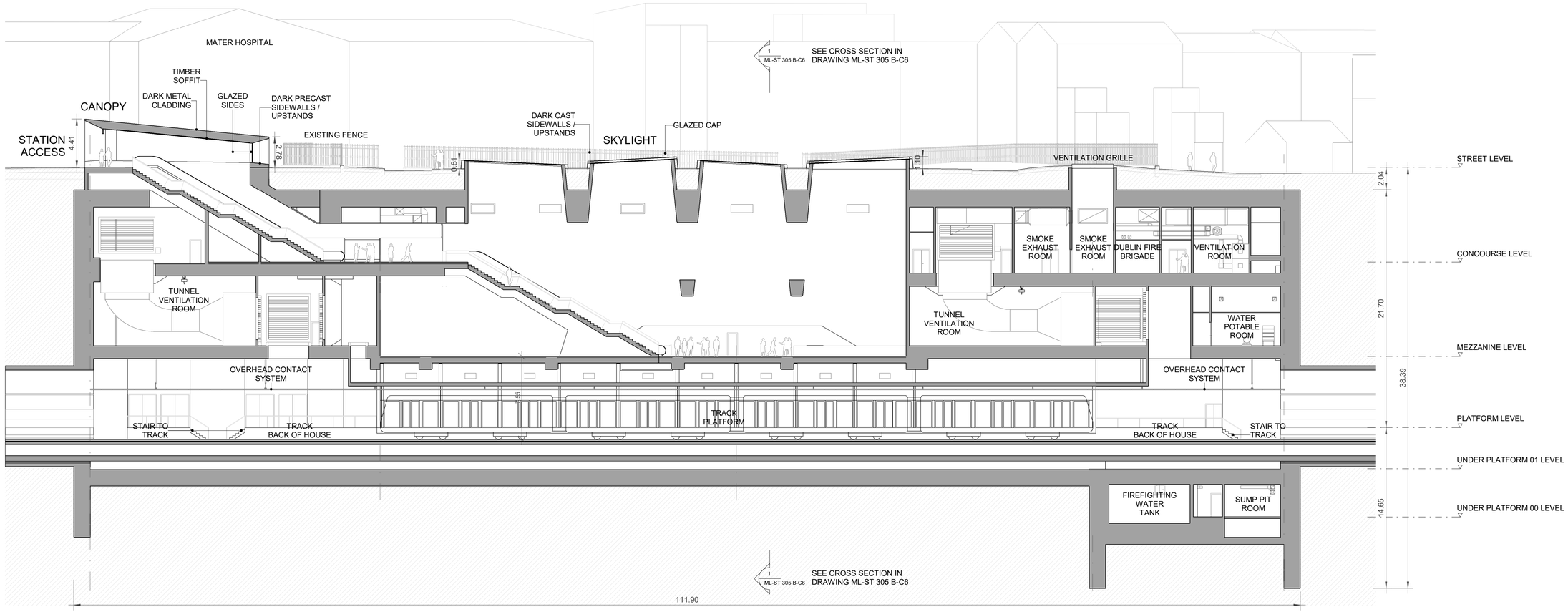
Drawing Title: METROLINK - STRUCTURES
MATER STATION
STREET LEVEL ELEVATION

Drawing Status: S0

Drawing Nº: ML1-JAI-SRD-ROUT_XX-DR-Y-02066

Plan Drawing Nº: ML-ST 305 B-C2

Scales Original Size A1 AS SHOWN



MATER STATION - LONGITUDINAL SECTION

1 : 200

0 5 10 20

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

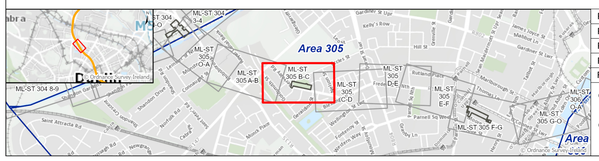
METRES

NOTES:

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

2. FOR DETAILS OF GENERAL ARRANGEMENT(ALIGNMENT), SEE BOOK OF ALIGNMENT DRAWINGS (DRAWINGS COMMENCING ML-RO).

3. FOR LANDSCAPE DETAILS, SEE PROPOSED STREET LEVEL DESIGN PLAN AND STREET LEVEL ELEVATIONS DRAWINGS (DRAWINGS COMMENCING ML-ST).



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P04	MAR. 24	FOR RAILWAY ORDER	AMM	GDV	JBL	PB
P03	MAY. 22	FOR RAILWAY ORDER	AMM	GDV	JBL	NC
P02	MAY. 22	FOR RAILWAY ORDER	AMM	GDV	JBL	NC
P01	OCT. 21	FOR RAILWAY ORDER	AMM	GDV	JBL	NC

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Client: TII Bonneagar Iompair Éireann Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - STRUCTURES
MATER STATION
LONGITUDINAL SECTION

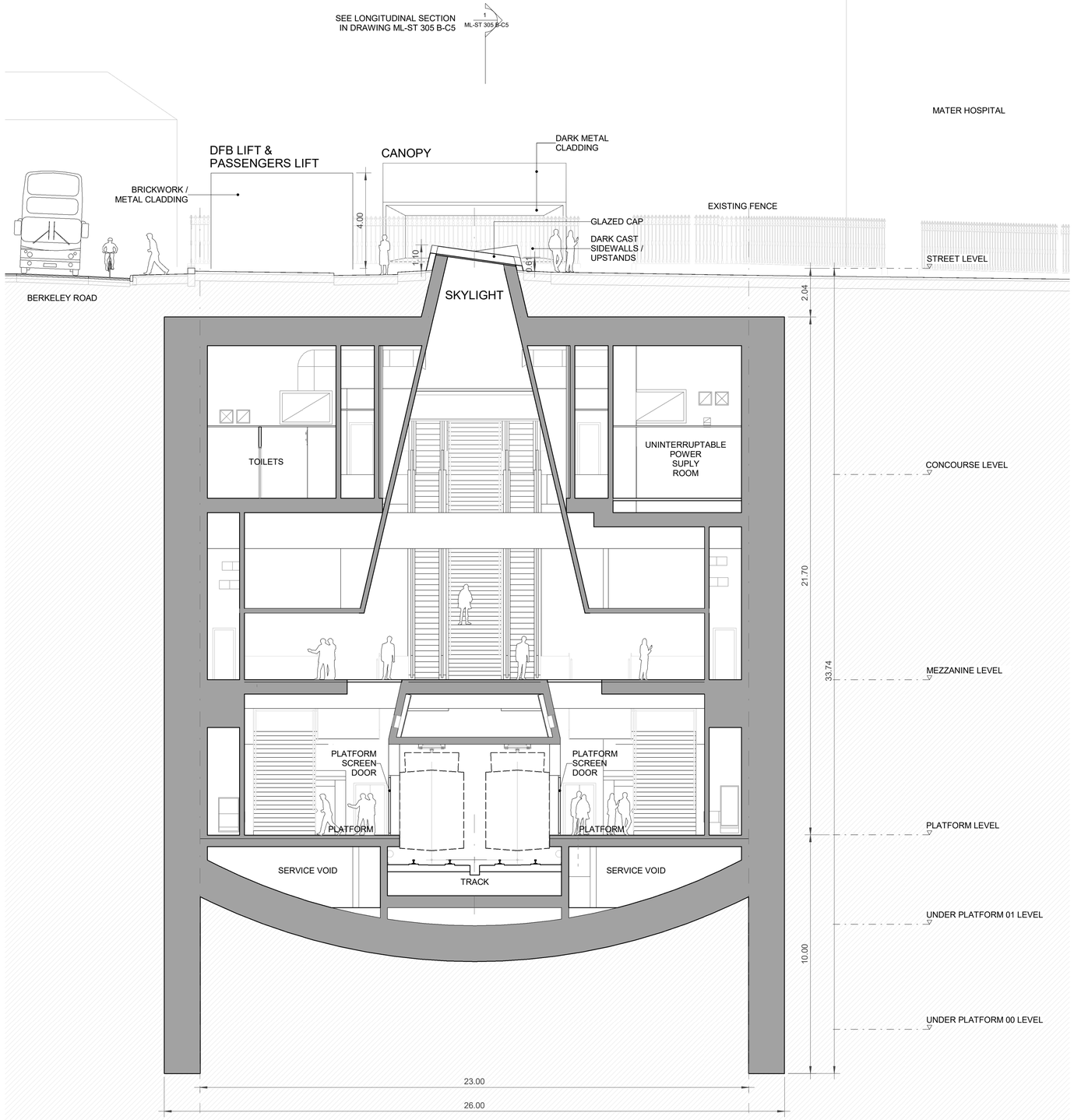
Drawing Status: S0

Drawing Nº: ML1-JAI-SRD-ROUT_XX-DR-Y-02069

Plan Drawing Nº: ML-ST 305 B-C5

Scales Original Size A1 1 : 200

Sheet 5 of 6



0 5 10

SCALE 1:100 (A1)
SCALE 1:200 (A3)

METRES

SEE LONGITUDINAL SECTION
IN DRAWING ML-ST 305 B-C5

1
ML-ST 305 B-C5

MATER STATION - CROSS SECTION

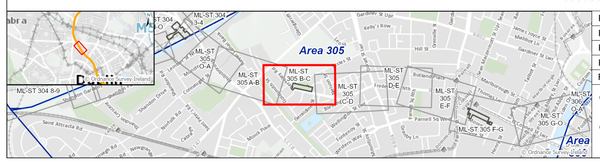
1 : 100

NOTES:

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

2. FOR DETAILS OF GENERAL ARRANGEMENT(ALIGNMENT), SEE BOOK OF ALIGNMENT DRAWINGS (DRAWINGS COMMENCING ML-RO).

3. FOR LANDSCAPE DETAILS, SEE PROPOSED STREET LEVEL DESIGN PLAN AND STREET LEVEL ELEVATIONS DRAWINGS (DRAWINGS COMMENCING ML-ST).



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P04	MAR. 24	FOR RAILWAY ORDER	AMM	GDV	JBL	PB
P03	MAY. 22	FOR RAILWAY ORDER	AMM	GDV	JBL	NC
P02	MAY. 22	FOR RAILWAY ORDER	AMM	GDV	JBL	NC
P01	OCT. 21	FOR RAILWAY ORDER	AMM	GDV	JBL	NC

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Client: TII Iompair Éireann Ireland / NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - STRUCTURES
MATER STATION
CROSS SECTION

Drawing Status: S0

Drawing N°: ML1-JAI-SRD-ROUT_XX-DR-Y-02070

Plan Drawing N°: ML-ST 305 B-C6

Scales Original Size A1 1 : 100

Sheet 6 of 6

O'CONNELL STREET STATION

NOTES:

1. FOR DETAILS OF GENERAL ARRANGEMENT (ALIGNMENT) SEE BOOK OF ALIGNMENT DRAWINGS (DRAWINGS COMMENCING ML RO)
2. FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
3. FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
4. FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)

DRAWING LEGEND

- VENTILATION GRILLE
- METRO TUNNEL EXTENTS
- TRAFFIC FLOW
- EXISTING TREES TO BE REMOVED
- TREES TO BE RETAINED
- EXISTING WALL TO BE REMOVED

CATHAL BRUGHA STREET

LOOK RIGHT

LOOK LEFT

LOOK RIGHT

LOOK RIGHT

LOOK RIGHT

TAXIS

TAXIS

TAXIS

TAXIS

SET-DOWN-ONLY

BUS LÁNA

EXISTING BUILDING FACADE TO BE PROTECTED AND MAINTAINED

LOOK LEFT

BUS LÁNA

EXISTING BUILDING FACADE TO BE PROTECTED AND MAINTAINED

NO ENTRY

FOR DETAILS REFER TO STREET LEVEL ELEVATION DRAWING ML-ST 305 F-G2

A

LOOK LEFT

LOOK LEFT

LOOK LEFT

LOOK RIGHT

BUS LÁNA

O'CONNELL STREET UPPER

BUS LÁNA

NO ENTRY

LOOK LEFT

LOOK RIGHT

BUS LÁNA

A

LIFT

METRO STATION ENTRANCE

TUNNEL VENTILATION SYSTEM / OVER TRACK EXHAUST

OVER STATION DEVELOPMENT OUTLINE - THE DESIGN OF THIS BUILDING IS NOT PART OF THE METROLINK PROJECT

EXISTING BUILDING FACADE TO BE PROTECTED AND MAINTAINED

TUNNEL VENTILATION SYSTEM / OVER TRACK EXHAUST

SMOKE / VENTILATION EXHAUST

TUNNEL VENTILATION SYSTEM / DRAUGHT RELIEF

AIR PRESSURIZATION AND VENTILATION AIR INLET

METRO TUNNEL WALLS

METRO TRACKS

EXISTING BUILDING FACADE TO BE PROTECTED AND MAINTAINED

AIR PRESSURIZATION AND VENTILATION AIR INLET

DUBLIN FIRE BRIGADE LIFT

OUTLINE UNDERGROUND METRO STATION

EVACUATION STAIRS

DUBLIN FIRE BRIGADE LIFT

DRAUGHT RELIEF / PRESSURIZATION AND VENTILATION INLET

LIFT

METRO STATION ENTRANCE

EXISTING BUILDINGS TO BE DEMOLISHED

EXISTING STONE SETTS TO BE PROTECTED DURING CONSTRUCTION

EVACUATION STAIRS

FOR DETAILS REFER TO STREET LEVEL ELEVATION DRAWING ML-ST 305 F-G2

EXISTING STONE SETTS TO BE PROTECTED DURING CONSTRUCTION

FOR FURTHER DETAILS ON MATERIALS REFER TO MATERIALS PALETTE DOCUMENT

B

B

MOORE LANE

0 5 10 15 20

SCALE 1:250 (A1)
SCALE 1:500 (A3)

METRES

REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P03	16/12/21	For Railway Order	BJ	RS	RS	NC
P04	20/05/22	For Railway Order	BJ	JR	AS	PB
P05	13/04/23	For Railway Order	OO	MM	AS	PB
P06	15/03/24	For Railway Order	MM	AS	NC	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Consultant: JACOBS; IDOM

Project: METROLINK

Drawing Title: METROLINK - STRUCTURES
O'CONNELL STREET STATION
PROPOSED STREET LEVEL DESIGN

Drawing Status: S0

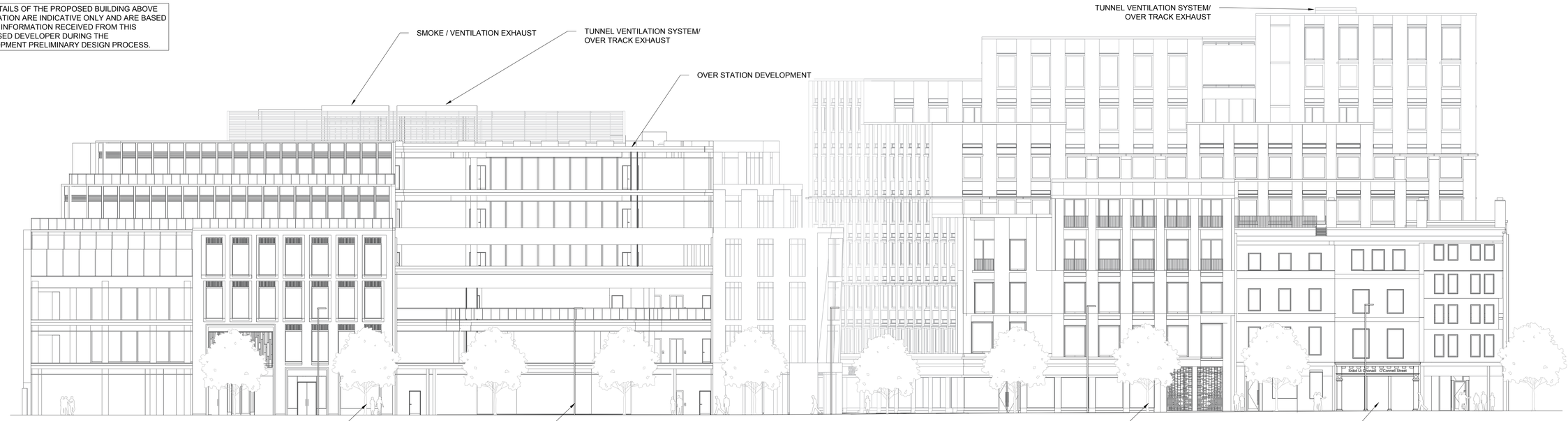
Drawing Nº: ML1-JAI-SRD-ROUT_XX-DR-Y-02071

Plan Drawing Nº: ML-ST 305 F-G1

Scales Original Size A1 1:250

Sheet 1 of 7

THE DETAILS OF THE PROPOSED BUILDING ABOVE THE STATION ARE INDICATIVE ONLY AND ARE BASED ON THE INFORMATION RECEIVED FROM THIS PROPOSED DEVELOPER DURING THE DEVELOPMENT PRELIMINARY DESIGN PROCESS.

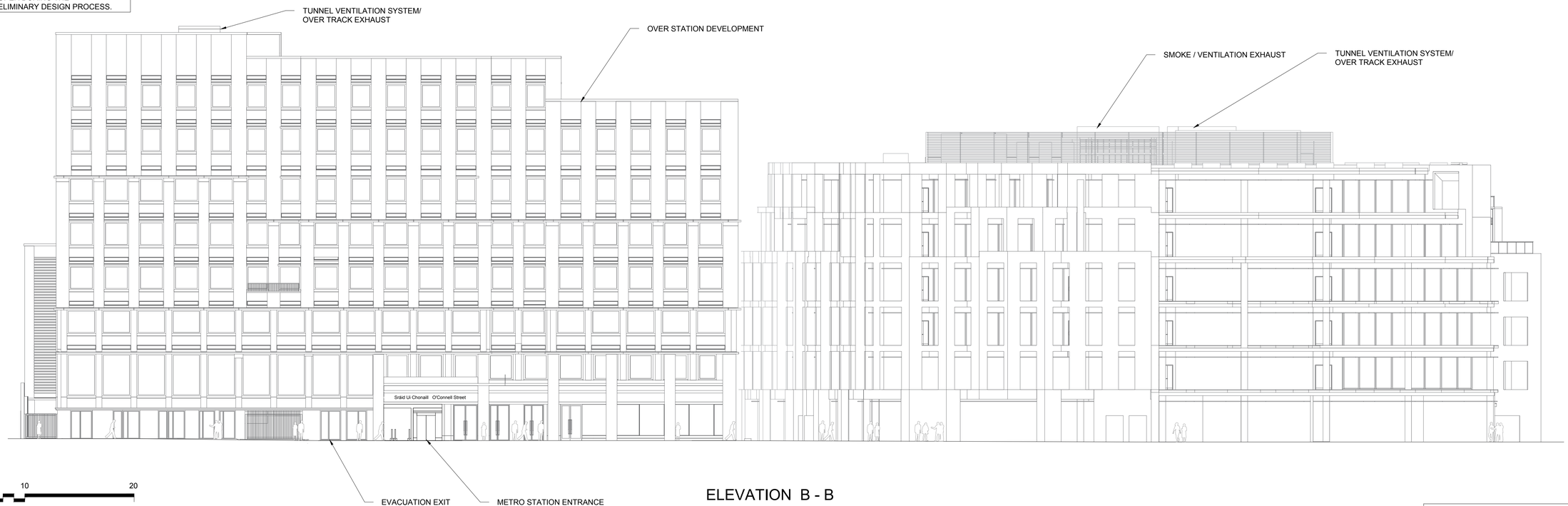


0 5 10 20
METRES

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

ELEVATION A - A

THE DETAILS OF THE PROPOSED BUILDING ABOVE THE STATION ARE INDICATIVE ONLY AND ARE BASED ON THE INFORMATION RECEIVED FROM THIS PROPOSED DEVELOPER DURING THE DEVELOPMENT PRELIMINARY DESIGN PROCESS.

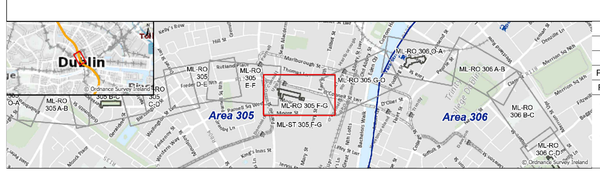


0 5 10 20
METRES

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

ELEVATION B - B

FOR FURTHER DETAILS ON MATERIALS REFER TO MATERIALS PALETTE DOCUMENT



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	29/07/21	For Railway Order	BJ	JR	RS	NC
P02	20/05/22	For Railway Order	BJ	JR	AS	PB
P03	17/08/22		OO	MM	AS	PB
P04.1	20/03/24					

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Client: TII Transport Infrastructure Ireland / NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - STRUCTURES
O'CONNELL STREET STATION
STREET LEVEL ELEVATION

Drawing Status: S0

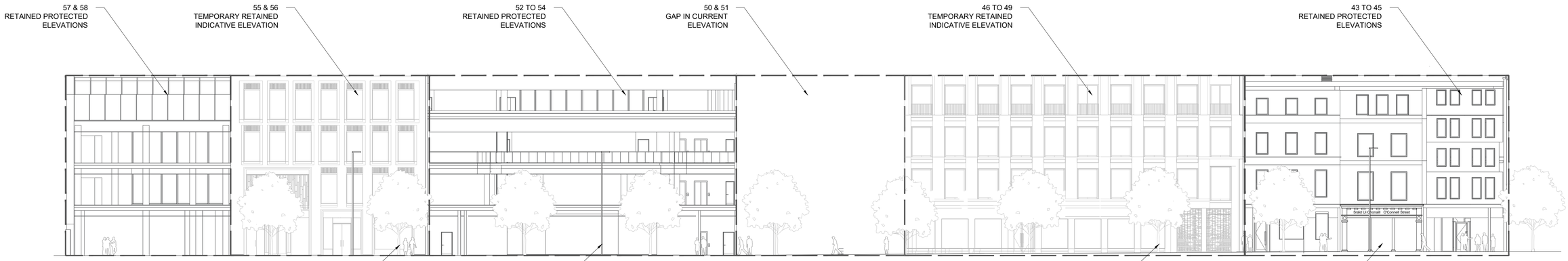
Drawing Nº: ML1-JAI-SRD-ROUT_XX-DR-Y-02072

Plan Drawing Nº: ML-ST 305 F-G2

Scales Original Size A1 AS SHOWN

Sheet 2 of 7

THE DETAILS OF THE EXISTING FAÇADE ARE INDICATIVE ONLY



0 5 10 20

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

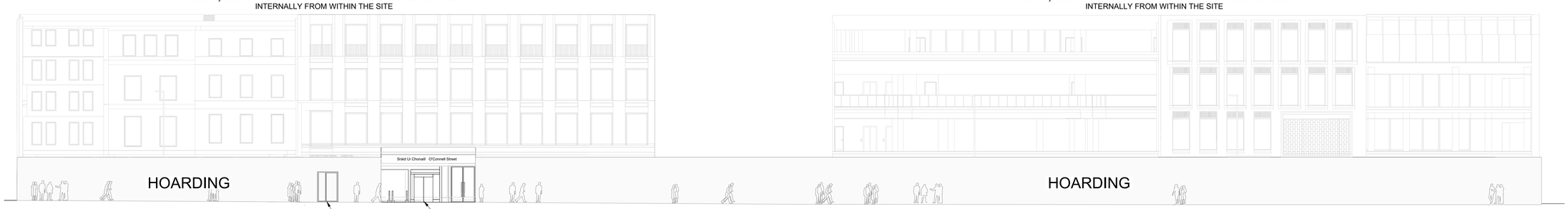
METRES

ELEVATION A - A

THE DETAILS OF THE EXISTING FAÇADE ARE INDICATIVE ONLY

ALL FAÇADES AT THE FRONT OF O'CONNELL STREET TO BE RETAINED INTERNALLY FROM WITHIN THE SITE

ALL FAÇADES AT THE FRONT OF O'CONNELL STREET TO BE RETAINED INTERNALLY FROM WITHIN THE SITE



0 5 10 20

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

METRES

ELEVATION B - B

FOR FURTHER DETAILS ON MATERIALS REFER TO MATERIALS PALETTE DOCUMENT

REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	21/03/24	For Railway Order	DT	JM	JB	PB

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Client: Transport Infrastructure Ireland / NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - STRUCTURES
O'CONNELL STREET STATION
NO OVERSITE DEVELOPMENT
STREET LEVEL ELEVATION

Drawing Status: S0

Drawing Nº: ML1-JAI-SRD-ROUT_XX-DR-Y-0901

Plan Drawing Nº: ML-ST 305 F-G2A

Scales Original Size A1 AS SHOWN

Sheet 1 of 1

TARA STATION

LUKE STREET

POOLBERG STREET

TARA STREET

TOWNSEND STREET

NO ENTRY

EXISTING CAR PARKING REMOVED

FOR DETAILS REFER TO STREET LEVEL ELEVATION DRAWING ML-ST 306 O-A2

TUNNEL VENTILATION SYSTEM / DRAUGHT RELIEF

EXISTING RAILWAY ARCHES TO BE PROTECTED IN-SITU

OVER TRACK EXHAUST, TUNNEL VENTILATION SYSTEM

PRESSURIZATION AND VENTILATION INLET

LIFT

METRO ENTRANCE CANOPY

METRO STATION ENTRANCE

EQUIPMENT EXIT

SKYLIGHT

LIFT

FOR DETAILS REFER TO STREET LEVEL ELEVATION DRAWING ML-ST 306 O-A2

EXISTING PARKING BAYS TO BE REMOVED

METRO TRACKS

METRO TUNNEL WALLS

METRO STATION ENTRANCE

METRO ENTRANCE CANOPY

EXISTING PARKING BAYS TO BE REMOVED

EXISTING BUILDING AND WALL TO BE DEMOLISHED

PROPOSED FUTURE DEVELOPMENT BY OTHERS

EMERGENCY STAIRCASE

EXISTING BUILDING TO BE DEMOLISHED

EXISTING CONSTANCE MARKIEWICZ STATUE TO BE REMOVED, STORED SAFELY AND REINSTATED UPON COMPLETION

PROPOSED FUTURE DEVELOPMENT BY OTHERS

OUTLINE UNDERGROUND METRO STATION

EXISTING RAILINGS TO BE SALVAGED

EXISTING BUILDING AND WALL TO BE DEMOLISHED

DUBLIN FIRE BRIGADE LIFT

EQUIPMENT EXIT

EXISTING BUILDING TO BE RETAINED

DUBLIN FIRE BRIGADE LIFT

PRESSURIZATION AND VENTILATION INLET

OVER TRACK EXHAUST, TUNNEL VENTILATION SYSTEM

SIGNAL CONTROLLED JUNCTION

EXISTING BUILDING TO BE DEMOLISHED

EXISTING GRANITE KERBING TO BE REMOVED, STORED SAFELY AND REINSTATED UPON COMPLETION

A

B

DRAWING LEGEND

- PROPOSED CARRIAGEWAY
- PROPOSED FOOTPATH
- PROPOSED BICYCLE LANE
- PROPOSED SUDs PAVING
- PROPOSED BENCHES
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- PROPOSED TREE PLANTING
- TREES TO BE RETAINED
- METRO TUNNEL EXTENTS
- PROPOSED 4.7m HEIGHT LIGHTING
- PROPOSED 6m HEIGHT LIGHTING
- PROPOSED 10m HEIGHT LIGHTING
- PROPOSED FEATURE PLANTING
- PROPOSED PLANTING SWALE
- PROPOSED RAMP
- PROPOSED SHARED SURFACE
- PROPOSED BICYCLE PARKING (256 SPACES)
- TRAFFIC FLOW
- PROPOSED TACTILE PAVING
- PROPOSED BOLLARDS OR EQUIVALENT (HVM)
- PROPOSED KERB
- EXISTING KERB TO BE REMOVED
- EXISTING WALL TO BE REMOVED

NOTES:

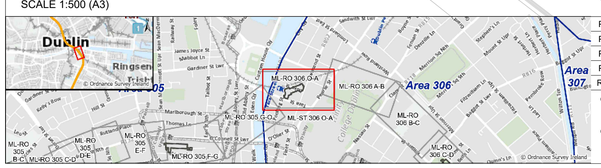
1. FOR DETAILS OF GENERAL ARRANGEMENT (ALIGNMENT) SEE BOOK OF ALIGNMENT DRAWINGS (DRAWINGS COMMENCING ML RO)
2. FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
3. FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
4. 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 15 20

SCALE 1:250 (A1)
SCALE 1:500 (A3)

METRES

FOR FURTHER DETAILS ON MATERIALS REFER TO MATERIALS PALETTE DOCUMENT



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P03	13/12/21	For Railway Order	JR	RS	AS	NC
P04	18/05/22	For Railway Order	BJ	JR	AS	PB
P05	17/08/22	For Railway Order	OO	MM	AS	PB
P06	22/03/24	For Railway Order	JM	MM	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - STRUCTURES
TARA STATION
PROPOSED STREET LEVEL DESIGN

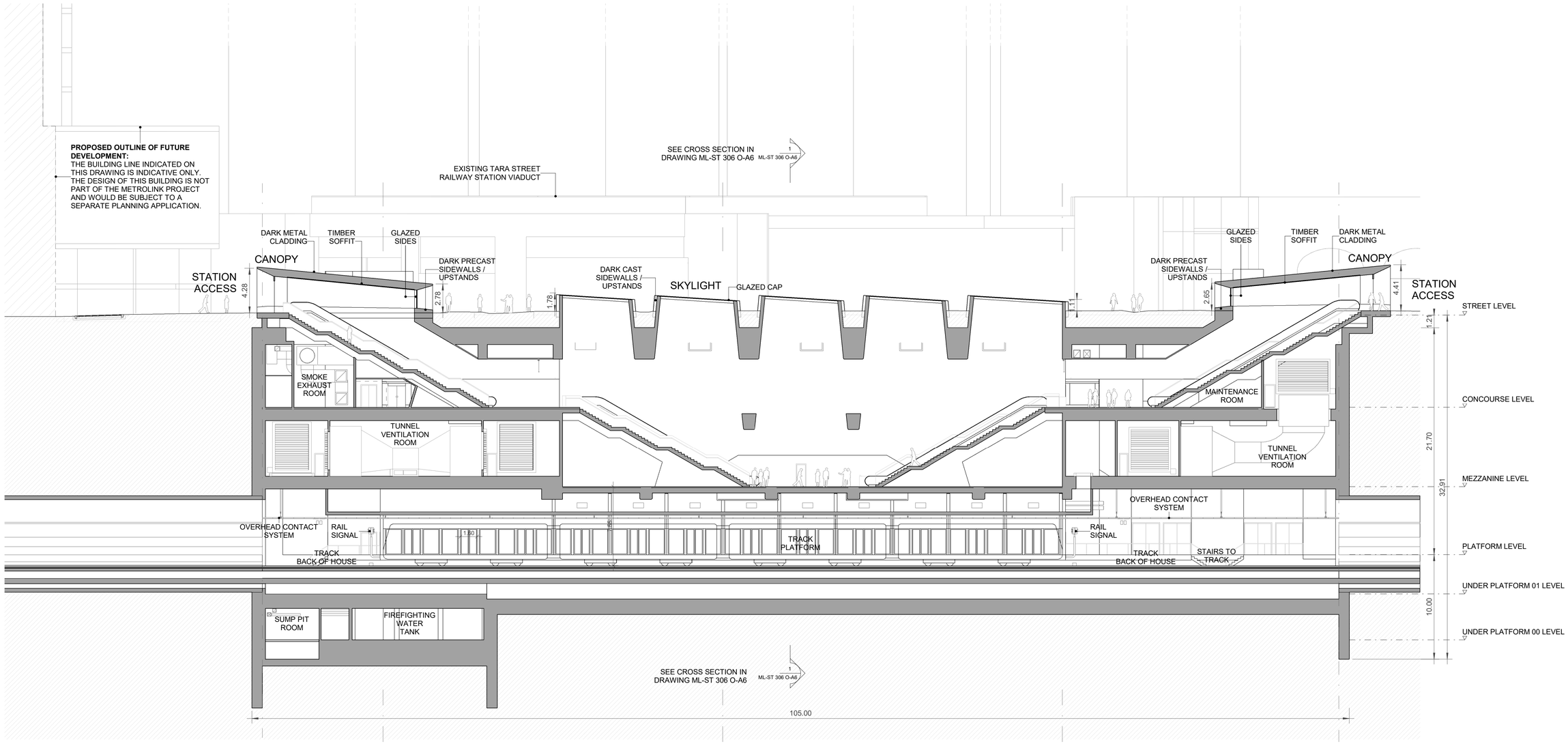
Drawing Status: S0

Drawing Nº: ML1-JAI-SRD-ROUT_XX-DR-Y-02078

Plan Drawing Nº: ML-ST 306 O-A1

Scales Original Size A1 1:250

Sheet 1 of 6



TARA STATION - LONGITUDINAL SECTION

1 : 200

0 5 10 20

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

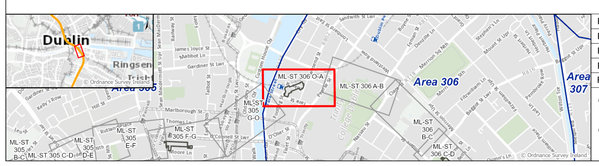
METRES

NOTES:

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

2. FOR DETAILS OF GENERAL ARRANGEMENT(ALIGNMENT), SEE BOOK OF ALIGNMENT DRAWINGS (DRAWINGS COMMENCING ML-RO).

3. FOR LANDSCAPE DETAILS, SEE PROPOSED STREET LEVEL DESIGN PLAN AND STREET LEVEL ELEVATIONS DRAWINGS (DRAWINGS COMMENCING ML-ST).



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P04	MAR. 24	FOR RAILWAY ORDER	AMM	GDV	JBL	PB
P03	MAY. 22	FOR RAILWAY ORDER	AMM	GDV	JBL	NC
P02	MAY. 22	FOR RAILWAY ORDER	AMM	GDV	JBL	NC
P01	OCT. 21	FOR RAILWAY ORDER	TFS	GDV	JBL	NC

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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 Bonneagar Iompair Éireann Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - STRUCTURES
TARA STATION
LONGITUDINAL SECTION

Drawing Status: S0

Drawing N°: ML1-JAI-SRD-ROUT_XX-DR-Y-02082

Plan Drawing N°: ML-ST 306 O-A5

Scales Original Size A1 1 : 200

Sheet 5 of 6

ST. STEPHENS GREEN STATION

PROPOSED TOUCAN CROSSING
DRAUGHT RELIEF / TUNNEL VENTILATION SYSTEM
LIFT
OVER TRACK EXHASUT, TUNNEL VENTILATION SYSTEM
METRO STATION ENTRANCE
FOR DETAILS REFER TO STREET LEVEL ELEVATION DRAWING ML-ST 306 C-D2
HUME STREET
EXISTING KERB AND BOLARDS TO BE REMOVED, STORED SAFELY AND REINSTALLED
EXISTING DUBLIN BIKE PARKING TO BE RELOCATED
OUTLINE UNDERGROUND METRO STATION
OVER TRACK EXHASUT, TUNNEL VENTILATION SYSTEM
EXISTING LIGHTNG TO BE REMOVED, STORED SAFELY AND REINSTALED
EXISTING PARKING TO BE REMOVED
FOR DETAILS REFER TO STREET LEVEL ELEVATION DRAWING ML-ST 306 C-D2
EXISTING PAVING TO BE REMOVED, STORED SAFELY AND REINSTALED
METRO TUNNEL WALLS
METRO TRACKS
PROPOSED LOCATION OF DUBLIN BIKE PARKING
ST STEPHEN'S GREEN EAST
ST STEPHEN'S GREEN NORTH
PROPOSED RAILLNG
EXISTING THEOBALD WOLFE TONE STATUE TO BE REMOVED, STORED SAFELY AND RELOCATED
EXISTING STONE WALL TO BE REMOVED, STORED SAFELY AND RELOCATED
EXISTING FAMINE MEMORIAL TO BE REMOVED, STORED SAFELY AND RELOCATED
METRO STATION CANOPY
DUBLIN FIRE BRIGADE LIFT
PRESSURIZATION AIR INLET
EXISTING RAILINGS TO BE REMOVED STORED SAFELY AND REINSTALLED
PROPOSED REALIGNED FOOTPATH
TUNNEL VENTILATION SYSTEM / OVER TRACK EXHAUSTEXIT
EXISTING LAWN GUARDS TO BE REMOVED, STORED SAFELY AND REINSTATED AFTER CONSTRUCTION.
PROPOSED LOCATION OF THE THEOBALD WOLFE TONE STATUE
PROPOSED LOCATION OF THE FAMINE MEMORIAL
PROPOSED LOCATION OF THE STONE WALL
EMERGENCY EXIT
DUBLIN FIRE BRIGADE LIFT
PRESSURIZATION AIR INLET
EXISTING LAWN GUARDS TO BE REMOVED, STORED SAFELY AND REINSTATED AFTER CONSTRUCTION.

DRAWING LEGEND

- PROPOSED CARRIAGEWAY
- PROPOSED FOOTPATH
- PROPOSED BICYCLE LANE
- PROPOSED SUDs PAVING
- PROPOSED BUS STOP
- PROPOSED BENCHES
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- EXISTING TREES TO BE REMOVED
- PROPOSED TREE PLANTING
- TREES TO BE RETAINED
- METRO TUNNEL EXTENTS
- PROPOSED 6m HEIGHT LIGHTING
- PROPOSED 8m HEIGHT LIGHTING
- PROPOSED 10m HEIGHT LIGHTING
- PROPOSED BUS LANE
- PROPOSED FEATURE PLANTING
- PROPOSED SHRUBS AREA
- PROPOSED MACADAM PATH
- PROPOSED FEATURE STONE PAVING
- PROPOSED HERITAGE GRANITE SETTS PAVING
- PROPOSED ROAD ISLAND
- PROPOSED BICYCLE PARKING (82 SPACES)
- TRAFFIC FLOW
- PROPOSED FENCE
- PROPOSED BOLLARDS OR EQUIVALENT (HVM)
- PROPOSED KERB
- EXISTING KERB TO BE REMOVED
- EXISTING WALL TO BE REMOVED

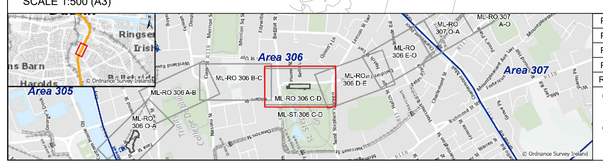
FOR FURTHER DETAILS ON MATERIALS REFER TO MATERIALS PALETTE DOCUMENT

NOTES:

1. FOR DETAILS OF GENERAL ARRANGEMENT (ALIGNMENT) SEE BOOK OF ALIGNMENT DRAWINGS (DRAWINGS COMMENCING ML RO)
2. FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
3. FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
4. 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 15 20 METRES

SCALE 1:250 (A1)
SCALE 1:500 (A3)



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	10/12/21	For Railway Order	JR	RS	AS	NC
P03	18/05/22	For Railway Order	BJ	JR	AS	PB
P04	03/08/22	For Railway Order	OO	MM	AS	PB
P05	15/03/24	For Railway Order	MM	AS	NC	PB

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Client: Transport Infrastructure Ireland; NTA National Transport Authority
Project: METROLINK
Consultant: JACOBS; IDOM

Drawing Title: METROLINK - STRUCTURES
ST. STEPHENS GREEN STATION
PROPOSED STREET LEVEL DESIGN

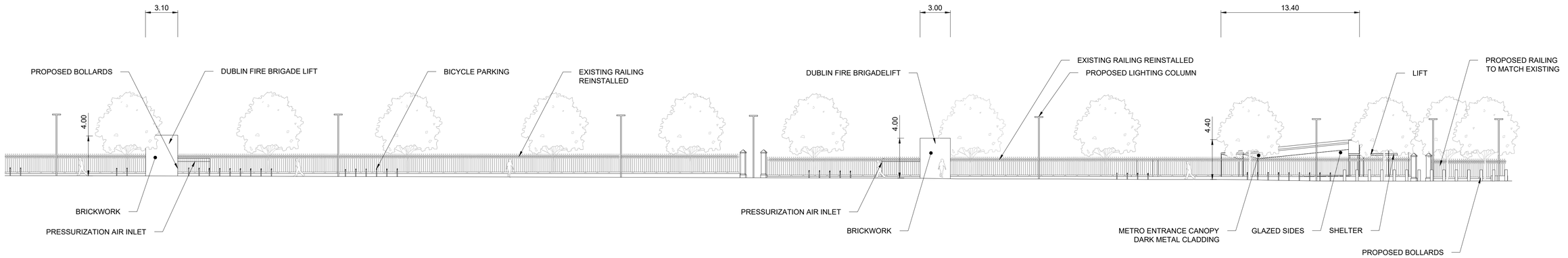
Drawing Status: S0

Drawing Nº: ML1-JAI-SRD-ROUT_XX-DR-Y-02084

Plan Drawing Nº: ML-ST 306 C-D1

Scales Original Size A1 1:250

Sheet 1 of 6

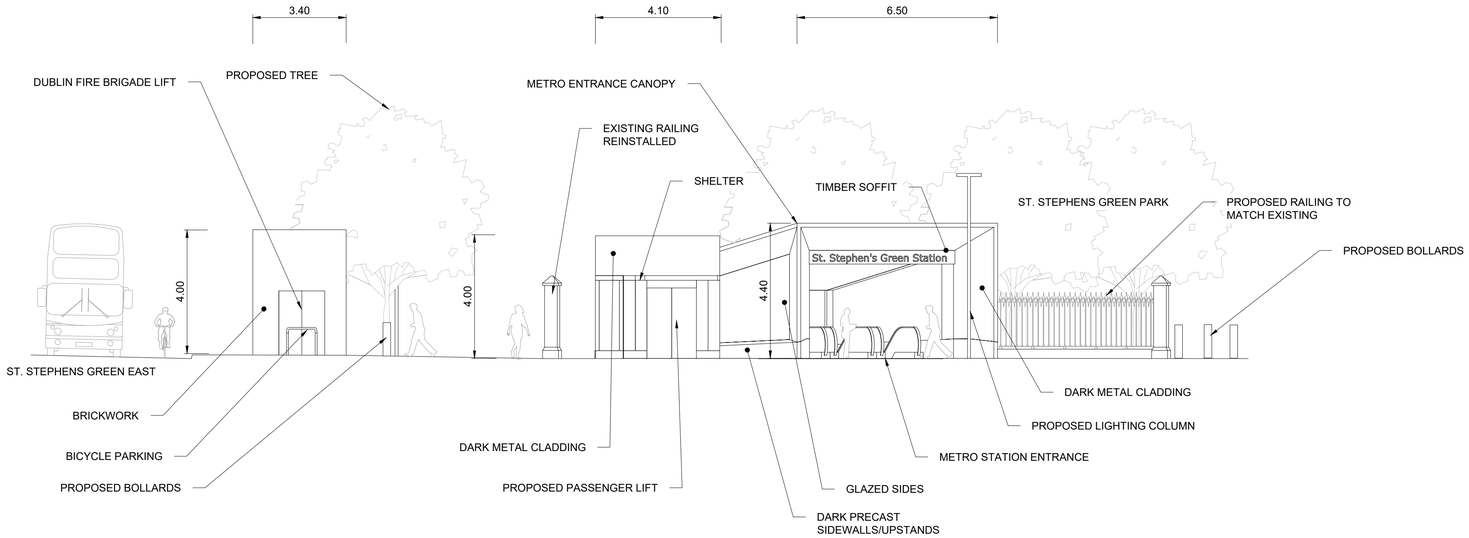


0 5 10 20

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

METRES

ELEVATION A - A



0 5 10

SCALE 1:100 (A1)
SCALE 1:200 (A3)

METRES

ELEVATION B - B

FOR FURTHER DETAILS ON MATERIALS
REFER TO MATERIALS PALETTE DOCUMENT

REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	16/12/21	For Railway Order	BJ	RS	RS	NC
P03	18/05/22	For Railway Order	BJ	JR	AS	PB
P04	17/08/22	For Railway Order	MM	AS	AS	PB
P05	15/03/24	For Railway Order	MM	AS	NC	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - STRUCTURES
ST. STEPHENS GREEN STATION
STREET LEVEL ELEVATION

Drawing Status: S0

Drawing Nº: ML1-JAI-SRD-ROUT_XX-DR-Y-02085

Plan Drawing Nº: ML-ST 306 C-D2

Scales Original Size A1 AS SHOWN

Sheet 2 of 6

CHARLEMONT STATION

DRAWING LEGEND

- PROPOSED CARRIAGEWAY
- PROPOSED FOOTPATH
- PROPOSED SUDs PAVING
- PROPOSED BENCHES
- EMERGENCY ESCAPE STAIRS AT GROUND LEVEL
- VENTILATION GRILLE AT GROUND LEVEL
- EXISTING TREES TO BE REMOVED
- PROPOSED TREE PLANTING
- TREES TO BE RETAINED
- METRO TUNNEL EXTENTS
- EXISTING WALL TO BE REMOVED
- PROPOSED WALL
- PROPOSED 6m HEIGHT LIGHTING
- PROPOSED 8m HEIGHT LIGHTING
- PROPOSED FEATURE PLANTING
- PROPOSED SHRUBS AREA
- PROPOSED RAMP
- PROPOSED CAR PARKING
- PROPOSED SHARED SURFACE
- PROPOSED BICYCLE PARKING (162 SPACES)
- TRAFFIC FLOW
- PROPOSED TACTILE PAVING
- PROPOSED BOLLARDS OR EQUIVALENT (HVM)
- PROPOSED KERB
- EXISTING KERB TO BE REMOVED

EXISTING STAIRS TO BE REINSTATED UPON COMPLETION

FOR DETAILS REFER TO STREET LEVEL ELEVATION DRAWING ML-ST 307 O-A2

OVER TRACK EXHASUT, TUNNEL VENTILATION SYSTEM

METRO STATION ENTRANCE

EXISTING WALL TO BE PROTECTED DURING CONSTRUCTION

METRO ENTRANCE CANOPY

PART OF EXISTING WALL TO BE REMOVED, STORED SAFELY AND REINSTATED UPON COMPLETION

PROPOSED RAISED TABLE

TUNNEL VENTILATION SYSTEM DRAUGHT RELIEF

EXISTING WALL TO BE PROTECTED DURING CONSTRUCTION

EXISTING CAR PARKING TO BE REINSTATED UPON COMPLETION

PART OF EXISTING WALL TO BE PROTECTED DURING CONSTRUCTION

OVER TRACK EXHASUT, TUNNEL VENTILATION SYSTEM

PRESSURIZATION AIR INLET

LIFT

EXISTING PARKING TO BE REMOVED

PUMPING ROOM ACCESS

DUBLIN FIRE BRIGADE LIFT

DARTMOUTH ROAD

EXISTING PARKING RETAINED

PROPOSED UNCONTROLLED PEDESTRIAN CROSSING

BUILDING TO BE DEMOLISHED AS PART OF METROLINK PROJECT

SMOKE EXHAUST

METRO ENTRANCE CANOPY

METRO STATION ENTRANCE

EXISTING PARKING TO BE REMOVED

EXISTING PARKING TO BE REINSTATED

METRO TUNNEL WALLS

METRO TRACKS

EXISTING DROP OFF TO BE REINSTATED

GRAND PARADE

PROPOSED SIGNALISED PEDESTRIAN CROSSING

BUILDINGS ALREADY DEMOLISHED (AREA UNDER CONSTRUCTION) PLANNING APPLICATION REFERENCE NUMBER 2373/17

EXISTING PARKING TO BE REMOVED

PROPOSED DROP OFF

DROP OFF

FENCE

METRO-LUAS CONNECTION - STAIRS

METRO-LUAS CONNECTION - LIFT

CARROL'S BUILDING

LUAS GREEN LINE (ELEVATED)

PROPOSED DEVELOPMENT UNDER CONSTRUCTION PLANNING APPLICATION REFERENCE NUMBER 2373/17

OUTLINE UNDERGROUND METRO STATION

DRAUGHT RELIEF

PRESSURIZATION AIR INLET

DUBLIN FIRE BRIGADE LIFT

EXISTING GRANITE KERBING TO BE REMOVED, STORED SAFELY AND REINSTATED UPON COMPLETION

PROPOSED UNCONTROLLED PEDESTRIAN CROSSING

EMERGENCY EXIT

FOR DETAILS REFER TO STREET LEVEL ELEVATION DRAWING ML-ST 307 O-A2

FOR FURTHER DETAILS ON MATERIALS REFER TO MATERIALS PALETTE DOCUMENT

4.80 6.00 4.80 6.00 4.80 2.40

A A B B

0 5 10 15 20

SCALE 1:250 (A1)
SCALE 1:500 (A3)
METRES

NOTES:

1. FOR DETAILS OF GENERAL ARRANGEMENT (ALIGNMENT) SEE BOOK OF ALIGNMENT DRAWINGS (DRAWINGS COMMENCING ML RO)
2. FOR DETAILS OF STRUCTURES (INCLUDING STATIONS) SEE BOOK OF STRUCTURES DRAWINGS (E.G. DRAWINGS COMMENCING ML ST OR ML BR ETC.)
3. FOR DETAILS OF PROPERTY SEE BOOK OF PROPERTY DRAWINGS (DRAWINGS COMMENCING ML P)
4. 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
P05	23/08/22	For Railway Order	OO	MM	MM	PB
P06	07/09/22	For Railway Order	MM	AS	AS	PB
P07	09/09/22	For Railway Order	MM	AS	AS	PB
P08	20/03/24	For Railway Order	JM	MM	AS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - STRUCTURES
CHARLEMONT STATION
PROPOSED STREET LEVEL DESIGN

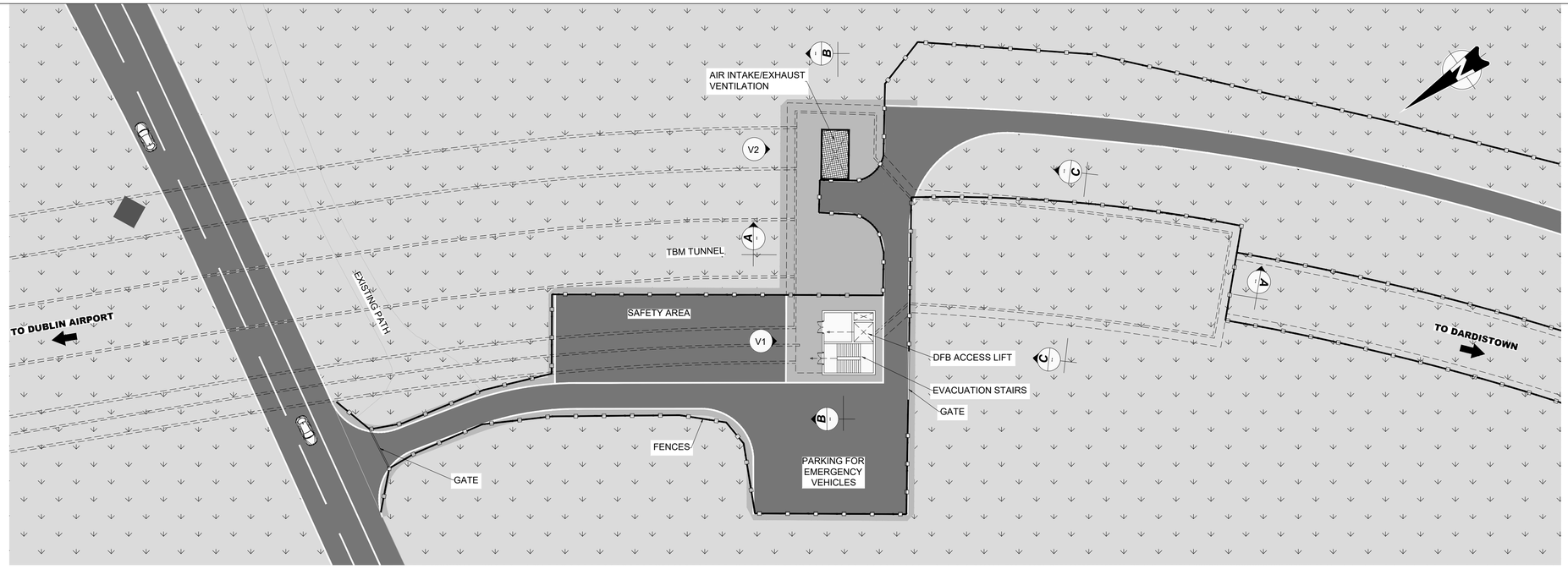
Drawing Status: S0

Drawing Nº: ML1-JAI-SRD-ROUT_XX-DR-Z-02090

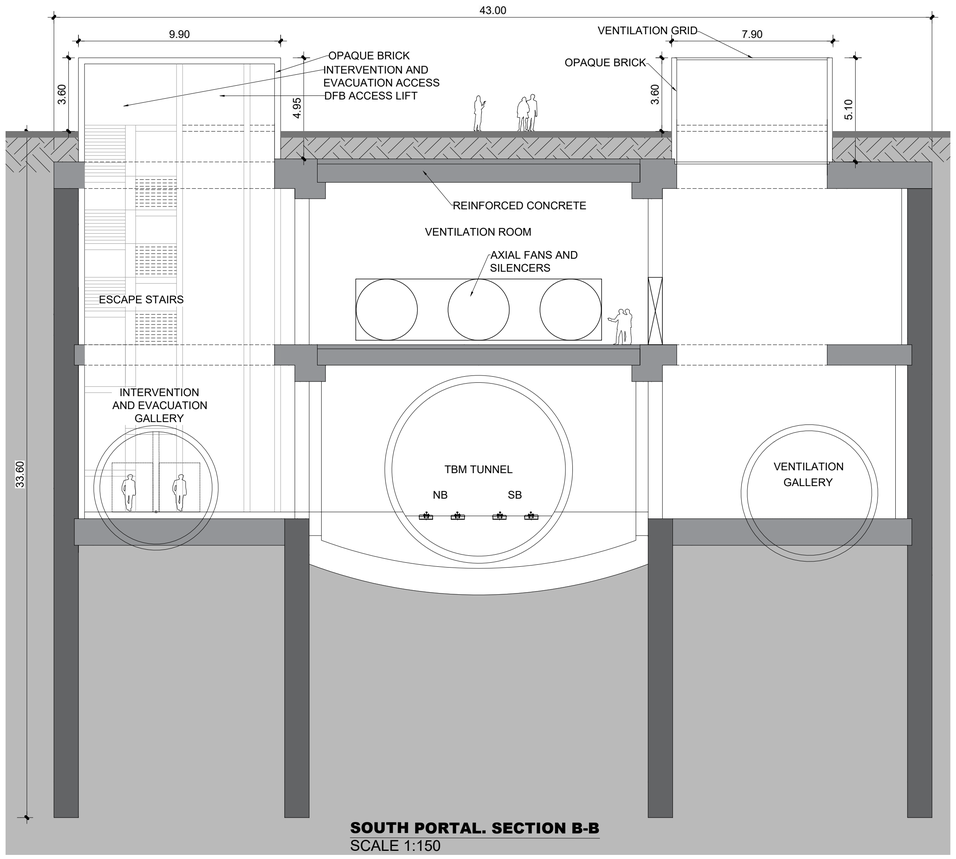
Plan Drawing Nº: ML-ST 307 O-A1

Scales Original Size A1 1:250

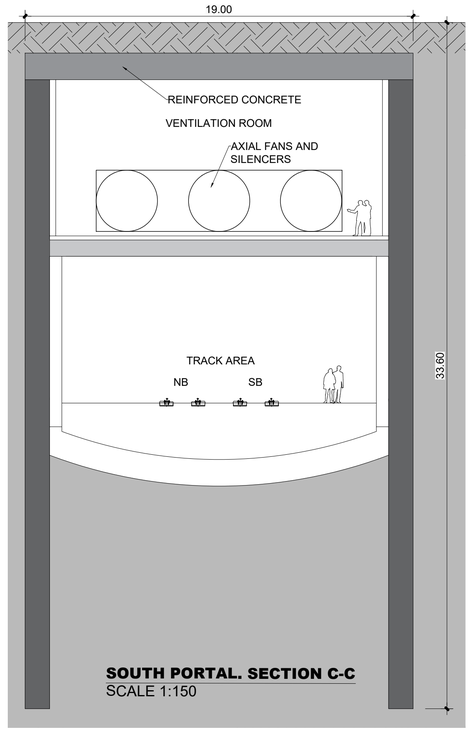
Sheet 1 of 6



SOUTH PORTAL. PLAN
SCALE 1:400



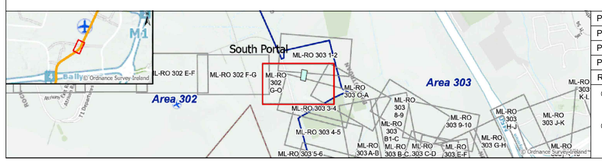
SOUTH PORTAL. SECTION B-B
SCALE 1:150



SOUTH PORTAL. SECTION C-C
SCALE 1:150

NOTES:

1. REFER TO DRAWING ML-RO 302 E-F FOR SOUTH PORTAL ALIGNMENT PLAN



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P04	MAR. 24	FOR RAILWAY ORDER	DT	JB	JB	PB
P03	JUL. 22	FOR RAILWAY ORDER	DT	MC	JB	PB
P02	NOV. 21	FOR RAILWAY ORDER	DT	IM	JB	NC
P01	OCT. 21	FOR RAILWAY ORDER	DT	IM	JB	NC

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority
Project: METROLINK
Consultant: JACOBS; IDOM

Drawing Title: METROLINK - STRUCTURES
SOUTH PORTAL
GENERAL ARRANGEMENT

Drawing Status: S0

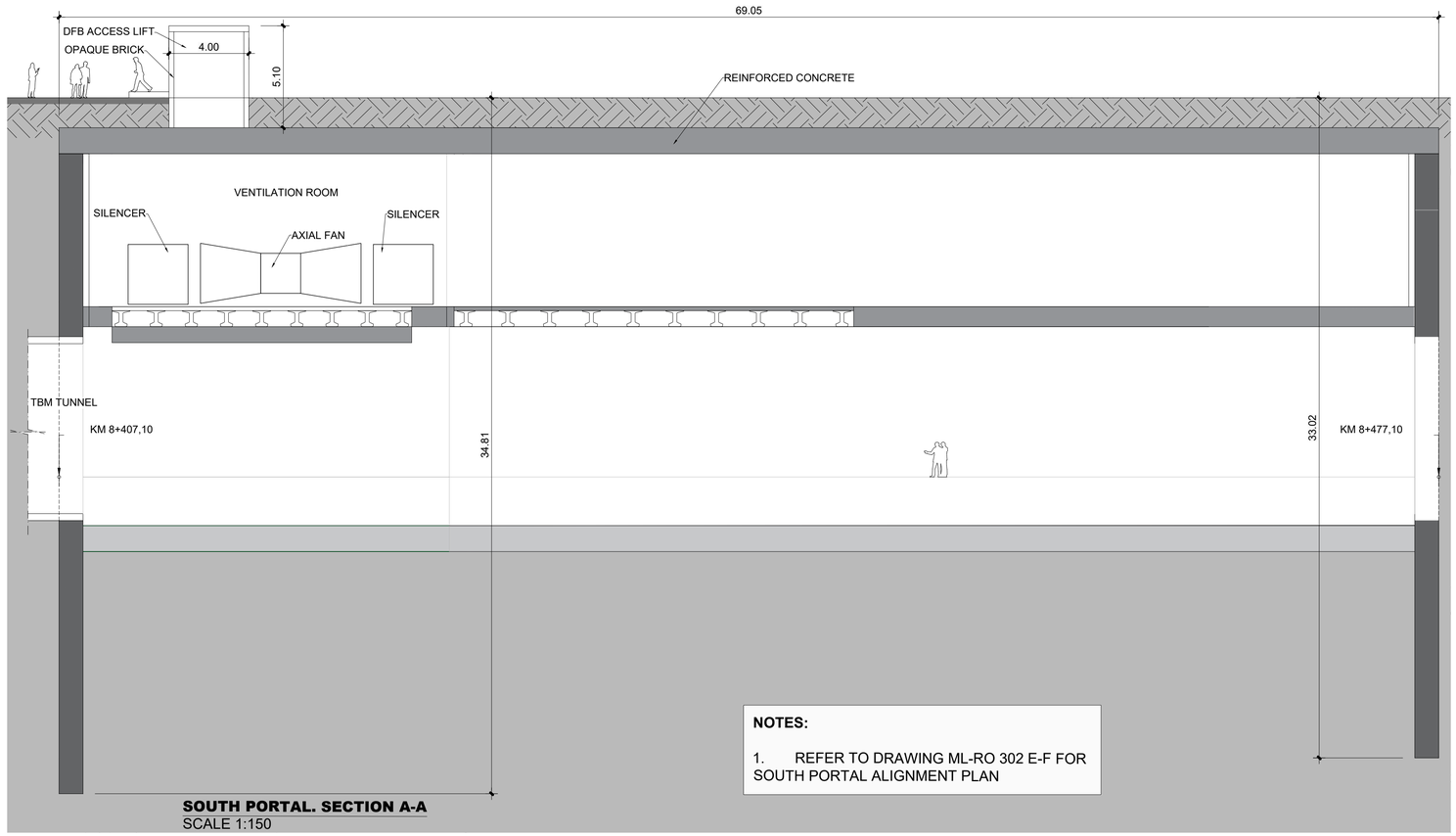
Drawing Nº: ML1-JAI-SRD-ROUT_XX-DR-Y-01002

Plan Drawing Nº: ML-TP 302 E-F

Scales Original Size A1: 1:400-1:150

1:400 0 2 4 8 12 16 20 40
1:150 0 0.75 1.50 3 4.50 6 7.50 15

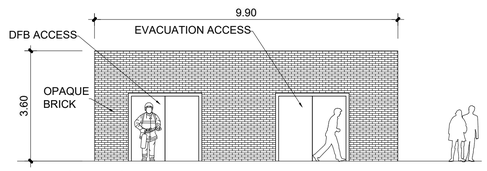
Sheet 1 of 2



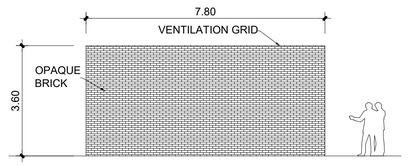
NOTES:

1. REFER TO DRAWING ML-RO 302 E-F FOR SOUTH PORTAL ALIGNMENT PLAN

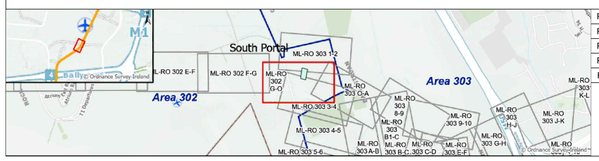
SOUTH PORTAL. SECTION A-A
SCALE 1:150



EVACUATION STAIRS. ELEVATION V1
SCALE 1:100



AIR INTAKE/EXHAUST VENTILATION. ELEVATION V2
SCALE 1:100



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P04	MAR. 24	FOR RAILWAY ORDER	DT	JB	JB	PB
P03	JUL. 22	FOR RAILWAY ORDER	DT	MC	JB	PB
P02	NOV. 21	FOR RAILWAY ORDER	DT	IM	JB	NC
P01	OCT. 21	FOR RAILWAY ORDER	DT	IM	JB	NC

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - STRUCTURES
SOUTH PORTAL
GENERAL ARRANGEMENT

Drawing Status: S0

Drawing Nº: ML1-JAI-SRD-ROUT_XX-DR-Y-01002

Plan Drawing Nº: ML-TP 302 E-F

Scales Original Size A1 1:400-1:150

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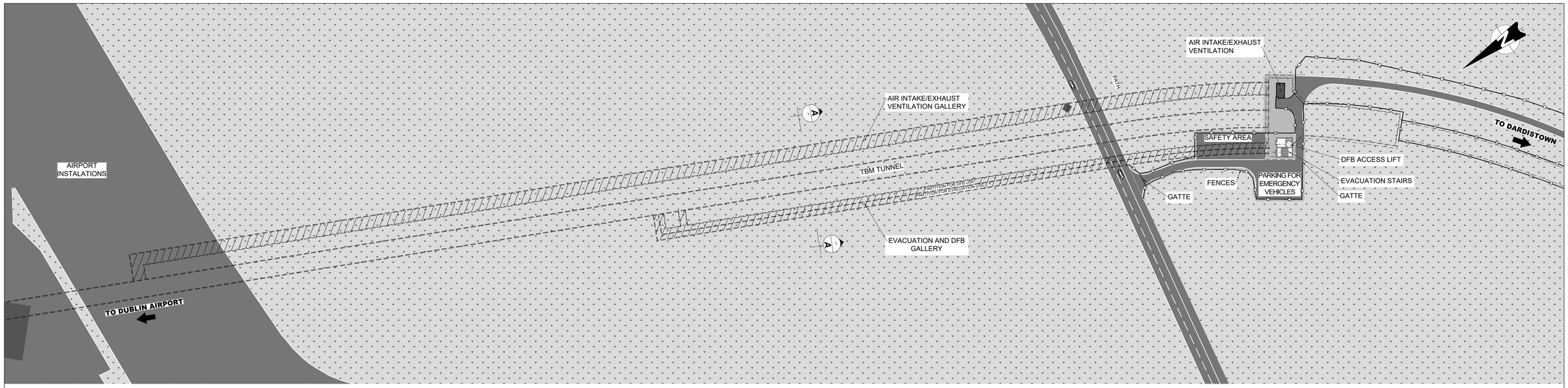
1:150 0 0.75 1.50 3 4.50 6 7.50 15

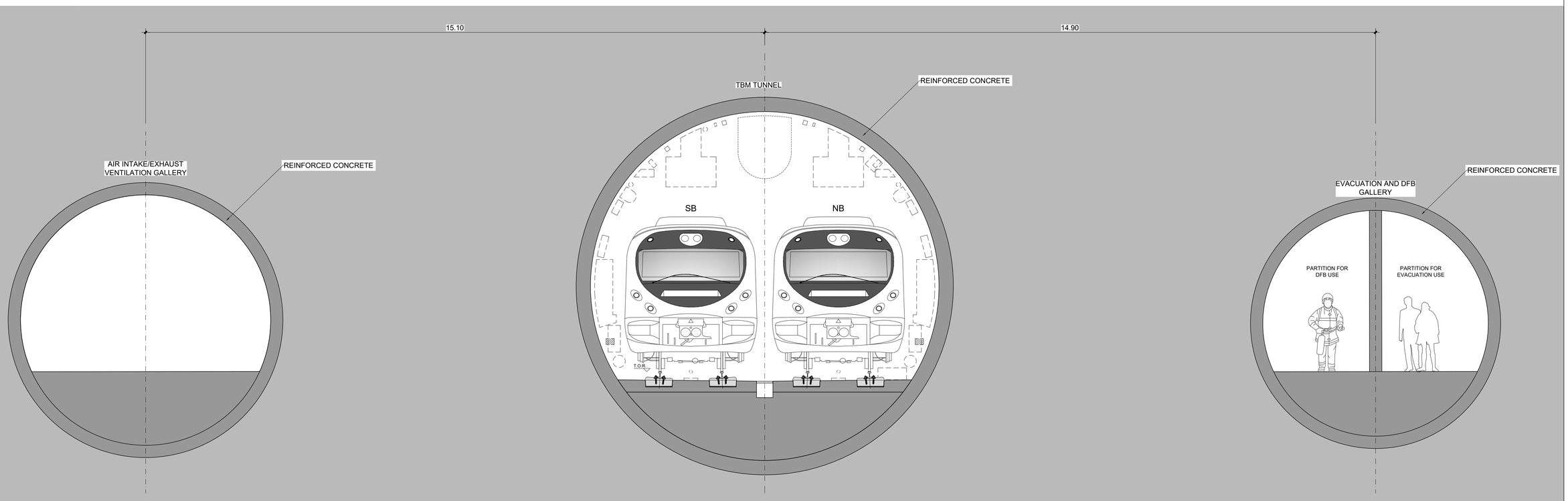
Sheet 2 of 2



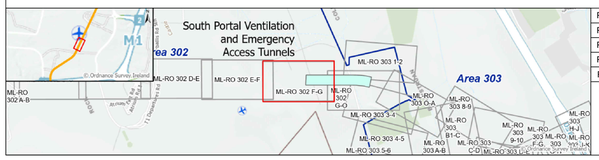
SOUTH PORTAL VENTILATION AND EMERGENCY ACCESS TUNNELS. PLAN
SCALE 1:1000

NOTES:

1. REFER TO DRAWING ML-RO 302 E-O FOR SOUTH PORTAL ALIGNMENT PLAN



SOUTH PORTAL VENTILATION AND EMERGENCY ACCESS TUNNELS. SECTION A-A
SCALE 1:50



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P04	MAR. 24	FOR RAILWAY ORDER	DT	JB	JB	PB
P03	JUL. 22	FOR RAILWAY ORDER	DT	MC	JB	PB
P02	NOV. 21	FOR RAILWAY ORDER	DT	IM	JB	NC
P01	OCT. 21	FOR RAILWAY ORDER	DT	IM	JB	NC

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Client: TII Transport Infrastructure Ireland / NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - STRUCTURES
SOUTH PORTAL VENTILATION AND EMERGENCY ACCESS TUNNELS
GENERAL ARRANGEMENT

Drawing Status: S0

Drawing Nº: ML1-JAI-SRD-ROUT_XX-DR-Y-01003

Plan Drawing Nº: ML-TP 302 E-O

Scales Original Size A1 1:1000-1:50

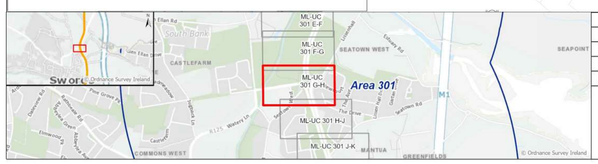
Sheet 1 of 1

Eir007 DECOM 13x100mm
Eir008 DECOM 8x100mm
ESB013 ESB HV UG 3x1x360
ESB015 ESB HV UG 3x1x360
METRO TRACKS
ESB081 DECOM ESB HV UG 2x 3x1x360
ESB014 DECOM ESB MV UG 3x1/185 XLP
ESB014 DECOM ESB MV UG 1x100mm
ESB005 ESB MV 3x150 UG
PROPOSED EMPTY DUCT ESB HV UG 4X150mm
ESB006 ESB MV 3x150 UG
ESB080 PROPOSED ESB HV UG 4X150mm ON PIPE BRIDGE
G023 GAS 125 PE 4 bar(unverified) MP
G002 GAS 125 PE 4bar MP
BT002 PROPOSED BT Comms 2x100mm Duct
ESB080 PROPOSED ESB HV UG 4X150mm
G022 GAS 90 PE 4bar MP
MATCH LINE
WW101 DECOM IW FOUL COMB. 600 CONC
SO18474602 IL:2.378
WW015 IW FOUL COMB. 600 CONC
SO18474601 IL:2.276
2+200
G024 DECOM GAS 250 PE 4bar MP
ESB080 ESB HV UG 4x150mm
Eir005 6x100mm Duct
MH611 (52)
PROPOSED RISING MAIN 2No 450mm PIPES
DW111 IW WATER 150 uPVC
EXISTING IW FOUL COMB 750 CONC
Eir004 6x100mm Duct
S076 SURFACE WATER 225 UNKNOWN
SO18475505 IL:2.122
WW107 DECOM IW FOUL COMB. 600 CONC
G021 GAS 90 PE 4bar MP
PROPOSED VALVE CHAMBER
SO18475504 IL:2.048
WW108 DECOM IW FOUL COMB. 300 UNKNOWN
PROPOSED CONTROL BUILDING
G003 GAS 250 PE 4bar MP
WW106 DECOM IW FOUL COMB. 750 CONC
DW113 DECOM IW WATER 150 uPVC
DW112 DECOM IW WATER 150 uPVC
SO18475503 IL:1.995
S077 SURFACE WATER 150 UNKNOWN
ESB012 ESB MV UG 3x1/185 XLP
PETROL INTERCEPTOR
S072 DECOM SURFACE WATER 300 UNKNOWN
TRACK DRAINAGE FROM THIS POINT. PLEASE REFER TO SURFACE WATER DRAWINGS SERIES 2000 FOR MORE DETAILS
WW103 DECOM IW FOUL COMB. 300 UNKNOWN
S075 SURFACE WATER 350 CONCRETE
UNDERGROUND ATTENUATION STORMTECH 740 180m3
PROPOSED SUMP CHAMBER
DW006 IW WATER 150 uPVC
PROPOSED INLET DROP CHAMBER
PROPOSED PUMPING STATION EMERGENCY OVERFLOW
DW007 IW WATER 150 uPVC
DW008 IW WATER 150 uPVC
S074 SURFACE WATER 225 UNKNOWN
S073 SURFACE WATER 350 CONCRETE
CONNECT TO TRACK DRAINAGE RISING MAIN
MH-9 RISING MAIN
S013 SURFACE WATER 350 CONCRETE
G025 GAS 250 PE 4bar MP
2+300
SURFACE WATER 300 UNKNOWN
UNDERGROUND ATTENUATION STORMTECH 740 120m3
SO18475522 IL:4.550
MATCH LINE
BT002 BT Comms 2x110mm Duct
SO18475401 IL:4.700
BT003 EXISTING BT Comms 2x110mm Duct
ESB010 ESB MV 3X1 /185 XLP
ESB011 ESB MV 3x1 /185 XLP
ESB234 ESB MV 3x150 UG
WW004 IW FOUL COMB. 1000 CONC

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

LEGEND

Existing utilities	Diverted / new utilities	Decommissioned utilities
ESB HV	ESB HV	ESB HV
ESB MV/LV	ESB MV	ESB MV
IW Foul - Gravity	IW Foul - Gravity	IW Foul - Gravity
IW Foul - Rising Main	IW Foul - Rising Main	IW Foul - Rising Main
Private Foul - Gravity	Private Foul - Gravity	Private Foul - Gravity
GAS HP	GAS HP	GAS HP
GAS MP	GAS MP	GAS MP
GAS LP	GAS LP	GAS LP
Surface Water	Surface Water	Surface Water
EIR	Proposed Oversized Pipes SW	EIR
Virgin Media	EIR	Virgin Media
BT	Virgin Media	BT
Aurora	BT	Aurora
IW Water Main	Aurora	IW Water Main
DAA Foul	IW Water Main	
DAA Surface Water	Sluice Valve	
DAA 10 kV	IW Foul Manhole	
DAA LV	Hydrant	
DAA Public Lighting		
DAA Telecom		
DAA Traffic		
Comms Ducts		
Public Lighting Column		



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P05	07/09/22	FOR RAILWAY ORDER	BM	DS	DS	PB
P06	13/04/23	FOR RAILWAY ORDER	DS	MN	DS	PB
P07	14/03/24	FOR RAILWAY ORDER	MP	DS	DS	PB
P08	14/03/24	FOR RAILWAY ORDER	JS	DS	DS	PB

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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: Transport Infrastructure Ireland / National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - UTILITY DIVERSION
BALHEARY DEMESNE (SHEET 5 OF 5)

Drawing Status: S4

Drawing N°: ML1-JAI-URD-ROUT_XX-DR-Y-01011

Plan Drawing N°: ML-UC 301 G-H

Scales Original Size A1 AS SHOWN

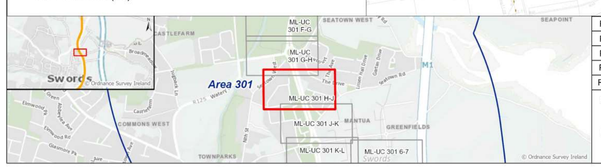
Sheet 5 of 5

DW007 IW WATER 150 uPVC
DW008 IW WATER 150 uPVC
SURFACE WATER 300 UNKNOWN
S073 SURFACE WATER 350 CONCRETE
UNDERGROUND ATTENUATION STORMTECH 740 120m3
S074 SURFACE WATER 225 UNKNOWN
SV
SO18475522
IL:4.550
ESB010 ESB MV 3X1 /185 XLP
ESB011 ESB MV 3x1 /185 XLP
WW004 IW FOUL COMB. 1000 C
SO18475401
IL:4.700
ESB234 ESB MV 3x150 UG
2+300
TRACK DRAINAGE FROM THIS POINT. PLEASE REFER TO SURFACE WATER DRAWINGS SERIES 2000 FOR MORE DETAILS
G025 GAS 250 PE 4bar MP
GAS 250 PE 4bar MP
G003 GAS 250 PE 4bar MP
BT003 BT Comms 2x110mm Duct
MATCH LINE
ESB007 DECOM ESB MV UG 3x1 /185 XLP
BT008 BT Comms 2x100mm Duct
SO18476406
IL:4.999
2+400
S078 DECOM SURFACE WATER 600 CONCRETE
S002 SURFACE WATER 300 CONCRETE
VM008 Virgin Mobile Comms 1x110mm Duct
ESB009 DECOM ESB MV UG 3x1 /185 XLP
ESB008 ESB MV 2x3x150 UG
METRO TUNNEL WALLS
2+500
METRO TRACKS
G004 PROPOSED GAS 250 PE 4bar MP
MH-16
IL:5.315
ESB010 PROPOSED ESB MV 3x150 UG
MH-135
IL:7.580
MH-15
IL:5.413
MH-134
IL:8.080

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

LEGEND

Existing utilities	Diverted / new utilities	Decommissioned utilities
ESB HV	ESB HV	ESB HV
ESB MV/LV	ESB MV	ESB MV
IW Foul - Gravity	IW Foul - Gravity	IW Foul - Gravity
IW Foul - Rising Main	IW Foul - Rising Main	IW Foul - Rising Main
Private Foul - Gravity	Private Foul - Gravity	Private Foul - Gravity
GAS HP	GAS HP	GAS HP
GAS MP	GAS MP	GAS MP
GAS LP	GAS LP	GAS LP
Surface Water	Surface Water	Surface Water
EIR	Proposed Oversized Pipes SW	EIR
Virgin Media	EIR	Virgin Media
BT	Virgin Media	BT
Aurora	BT	Aurora
IW Water Main	Aurora	IW Water Main
DAA Foul	IW Water Main	
DAA Surface Water	Sluice Valve	
DAA 10 kV	IW Foul Manhole	
DAA LV	Hydrant	
DAA Public Lighting		
DAA Telecom		
DAA Traffic		
Comms Ducts		
Public Lighting Column		



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	24/05/22	FOR RAILWAY ORDER	AR	DS	DS	PB
P03	22/07/22	For Railway Order Issue	MP	DS	DS	PB
P04	13/04/23	Preliminary Design	ST	DS	DS	PB
P05	13/03/24	For Railway Order Issue	JS	DS	DS	PB

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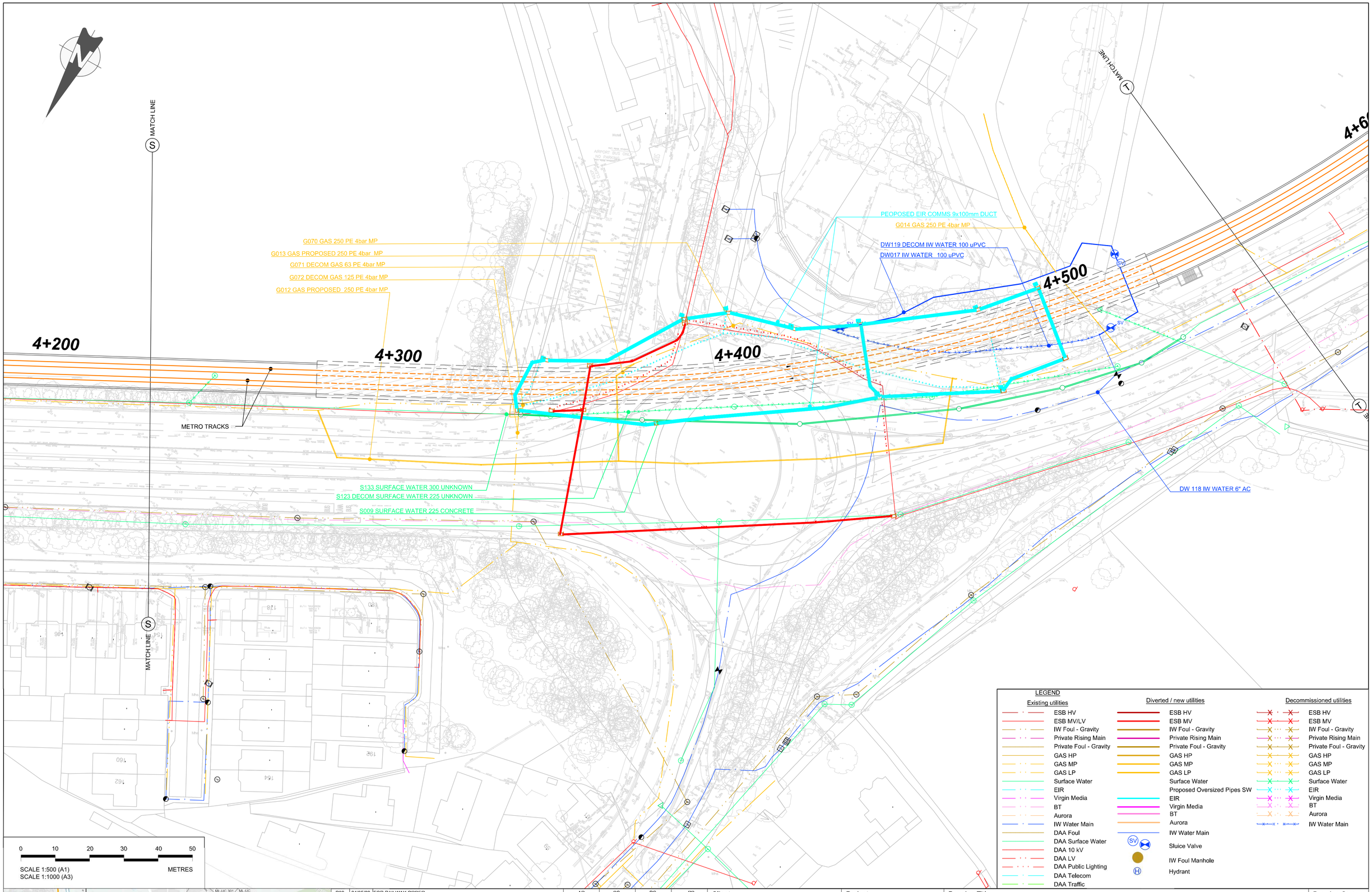
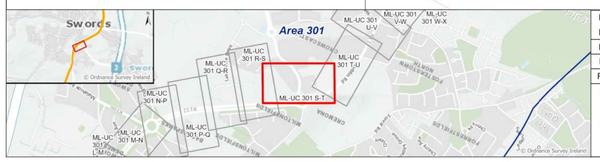
Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority
Project: METROLINK
Consultant: JACOBS IDOM

Drawing Title: METROLINK - UTILITY DIVERSION SEATOWN (SHEET 1 OF 3)
Drawing Status: S4
Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-01012
Plan Drawing Nº: ML-UC 301 H-J
Scales Original Size A1 1:500
Sheet 1 of 3





REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	24/05/22	FOR RAILWAY ORDER	AR	DS	DS	PB
P03	30/07/22	FOR RAILWAY ORDER	ST	DS	DS	PB
P04	13/04/23	FOR RAILWAY ORDER	BM	DS	DS	PB
P05	21/03/24	FOR RAILWAY ORDER	JS	DS	DS	PB

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Client: Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - UTILITY DIVERSION
PINNOCK HILL ROUNDABOUT

Drawing Status: S4

Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-01022

Plan Drawing Nº: ML-UC 301 S-T

Scales Original Size A1 1:500

Sheet 1 of 1

DW026 PROPOSED IW WATER 50 PE
S0105 PROPOSED SURFACE WATER 225 CONCRETE
S0106 PROPOSED SURFACE WATER 225 CONCRETE
Eir109 PROPOSED COMMS 1x100mm DUCT
ESB120 PROPOSED ELECTRICITY MV OVERHEAD 3x150 DUCT
Eir110 DECOM COMMS 1x100mm DUCT
ESB116 ELECTRICITY DECOM 3X1/185 XLP MV
DW026 PROPOSED IW WATER 50 PE
CH LINE E
S0107 PROPOSED SURFACE WATER 225 CONCRETE
SV
MATCH LINE F
ESB117 PROPOSED ELECTRICITY MV OVERHEAD 3X150
ESB118 ELECTRICITY DECOM 3X1/185XLP MV
ESB116 ELECTRICITY DECOM 3X1/185XLP MV
Eir110 DECOM TELECOM EIR
Eir110 COMMS DECOM
S095 EXISTING SURFACE WATER 500 CONCRETE
WW330 DECOM private foul rising main
WW031 Proposed private foul rising main
S095 PROPOSED SURFACE WATER 500 CONCRETE
DW026 PROPOSED IW WATER 50 PE
E MATCH LINE
SV
9+475
WW331 Existing private foul rising main
SILOGE GREEN
F MATCH LINE
9+500

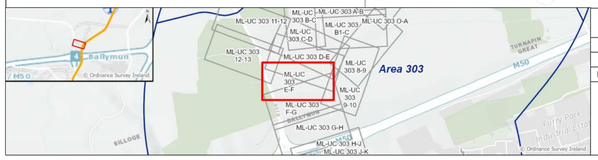
0 10 20 30 40 50
SCALE 1:500 (A1)
SCALE 1:1000 (A3)
METRES

LEGEND

Existing utilities
- ESB HV
- ESB MV/LV
- IW Foul - Gravity
- Private Rising Main
- Private Foul - Gravity
- GAS HP
- GAS MP
- GAS LP
- Surface Water
- EIR
- Virgin Media
- BT
- Aurora
- IW Water Main
- DAA Foul
- DAA Surface Water
- DAA 10 kV
- DAA LV
- DAA Public Lighting
- DAA Telecom
- DAA Traffic
- Comms Ducts
- Public Lighting Column

Diverted / new utilities
- ESB HV
- ESB MV
- IW Foul - Gravity
- Private Rising Main
- Private Foul - Gravity
- GAS HP
- GAS MP
- GAS LP
- Surface Water
- Proposed Oversized Pipes SW
- EIR
- Virgin Media
- BT
- Aurora
- IW Water Main
- Sluice Valve
- IW Foul Manhole
- Hydrant

Decommissioned utilities
- ESB HV
- ESB MV
- IW Foul - Gravity
- Private Rising Main
- Private Foul - Gravity
- GAS HP
- GAS MP
- GAS LP
- Surface Water
- EIR
- Virgin Media
- BT
- Aurora
- IW Water Main
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	24/05/22	FOR RAILWAY ORDER	AR	DS	DS	PB
P03	25/07/22	FOR RAILWAY ORDER	AR	DS	DS	PB
P04	13/04/23	Preliminary Design	BM	DS	DS	PB
P05	05/03/24	Proposed rising main drawing updated	MP	DS	DS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority
Project: METROLINK
Consultant: JACOBS; IDOM

Drawing Title: METRO LINK - UTILITY DIVERSION
BALLYMUN (SHEET 5 OF 11)

Drawing Status: S0

Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-01048

Plan Drawing Nº: ML-UC 303 E-F

Scales Original Size A1 1:500

Sheet 5 of 11

9+500

9+600

9+700

ESB123 ELECTRICITY DECOM 3X1/185XLP MV

DW139 DECOM IW WATER 50 uPVC

ESB125 ELECTRICITY DECOM 3X1/185XLP MV

WW330 Existing private foul rising main

ESB120 PROPOSED ELECTRICITY MV OVERHEAD 3X150 DUCT

Eir118 EXISTING COMMS 1X100 DUCT

DW139 DECOM IW WATER 50 uPVC

MH-125
IL:55.925

MEW PACKERS P/L

WW026 PROPOSED IW FOUL COMB. 1800 CONC

MH-105
IL:56.288

MH-106A
IL:56.669

WW326 PROPOSED IW FOUL 1800mm

ESB126 ELECTRICITY DECOM MV OVERHEAD 3x150 DUCT

MATCH LINE F

MATCH LINE G

M50 MOTORWAY

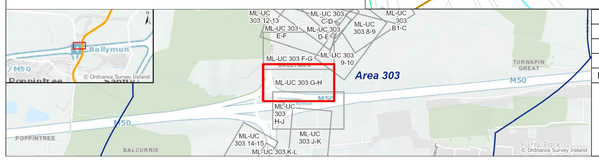
0 10 20 30 40 50

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

METRES

LEGEND

Existing utilities	Diverted / new utilities	Decommissioned utilities
ESB HV	ESB HV	ESB HV
ESB MV/LV	ESB MV	ESB MV
IW Foul - Gravity	IW Foul - Gravity	IW Foul - Gravity
Private Rising Main	Private Rising Main	Private Rising Main
Private Foul - Gravity	Private Foul - Gravity	Private Foul - Gravity
GAS HP	GAS HP	GAS HP
GAS MP	GAS MP	GAS MP
GAS LP	GAS LP	GAS LP
Surface Water	Surface Water	Surface Water
EIR	Proposed Oversized Pipes SW	EIR
Virgin Media	EIR	Virgin Media
BT	Virgin Media	BT
Aurora	BT	Aurora
IW Water Main	Aurora	IW Water Main
DAA Foul	IW Water Main	
DAA Surface Water	Sluice Valve	
DAA 10 kV	IW Foul Manhole	
DAA LV	Hydrant	
DAA Public Lighting		
DAA Telecom		
DAA Traffic		
Comms Ducts		
Public Lighting Column		



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P05	10/10/23	GDDS alignment updated as per drawing ref 7556-2102 rev D02 received from IW	BM	DS	DS	PB
P06	11/10/23	GDDS alignment updated as per drawing ref 7556-2102 rev D02 received from IW	BM	DS	DS	PB
P07	12/03/24	For Railway Order	MP	DS	DS	PB
P08	22/03/24	For Railway Order	JS	DS	DS	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METRO LINK - UTILITY DIVERSION
BALLYMUN (SHEET 7 OF 11)

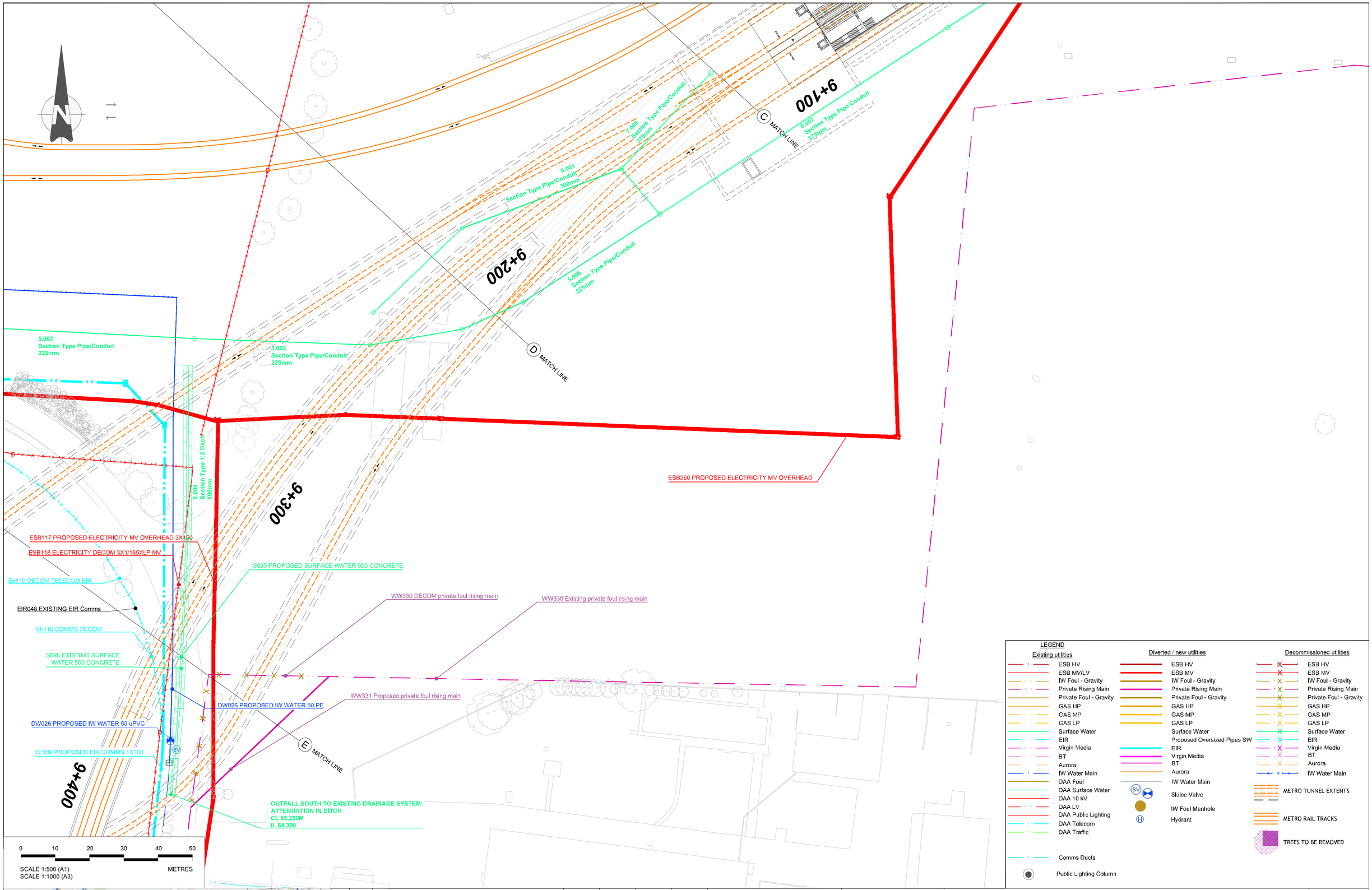
Drawing Status: S4

Drawing Nº: ML1-JAI-URD-SC01_XX-DR-Y-01050

Plan Drawing Nº: ML-UC 303 G- H

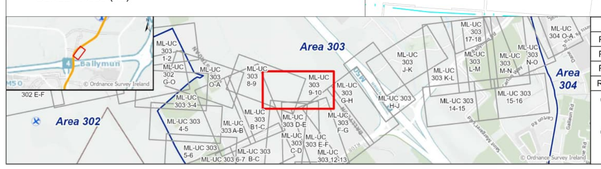
Scales Original Size A1 1:500

Sheet 7 of 11



LEGEND

Existing utilities	Diverted / new utilities	Decommissioned utilities
ESB HV	ESB HV	ESB HV
ESB MV/LV	ESB MV	ESB MV
IW Foul - Gravity	IW Foul - Gravity	IW Foul - Gravity
Private Rising Main	Private Rising Main	Private Rising Main
Private Foul - Gravity	Private Foul - Gravity	Private Foul - Gravity
GAS HP	GAS HP	GAS HP
GAS MP	GAS MP	GAS MP
GAS LP	GAS LP	GAS LP
Surface Water	Surface Water	Surface Water
EIR	Proposed Oversized Pipes SW	EIR
Virgin Media	EIR	Virgin Media
BT	Virgin Media	BT
Aurora	BT	Aurora
IW Water Main	Aurora	IW Water Main
DAA Foul	IW Water Main	METRO TUNNEL EXTENTS
DAA Surface Water	Sluice Valve	
DAA 10 kV	IW Foul Manhole	METRO RAIL TRACKS
DAA LV	Hydrant	
DAA Public Lighting		TREES TO BE REMOVED
DAA Telecom		
DAA Traffic		
Comms Ducts		
Public Lighting Column		



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	25/05/22	FOR RAILWAY ORDER	AR	DS	DS	PB
P02	13/04/23	Preliminary Design	KP	DS	DS	PB
P03	05/03/24	Proposed rising main layout updated	MP	DS	DS	PB

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Client: TII Transport Infrastructure Ireland / NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METRO LINK - UTILITY DIVERSION
BALLYMUN (SHEET 9 OF 11)

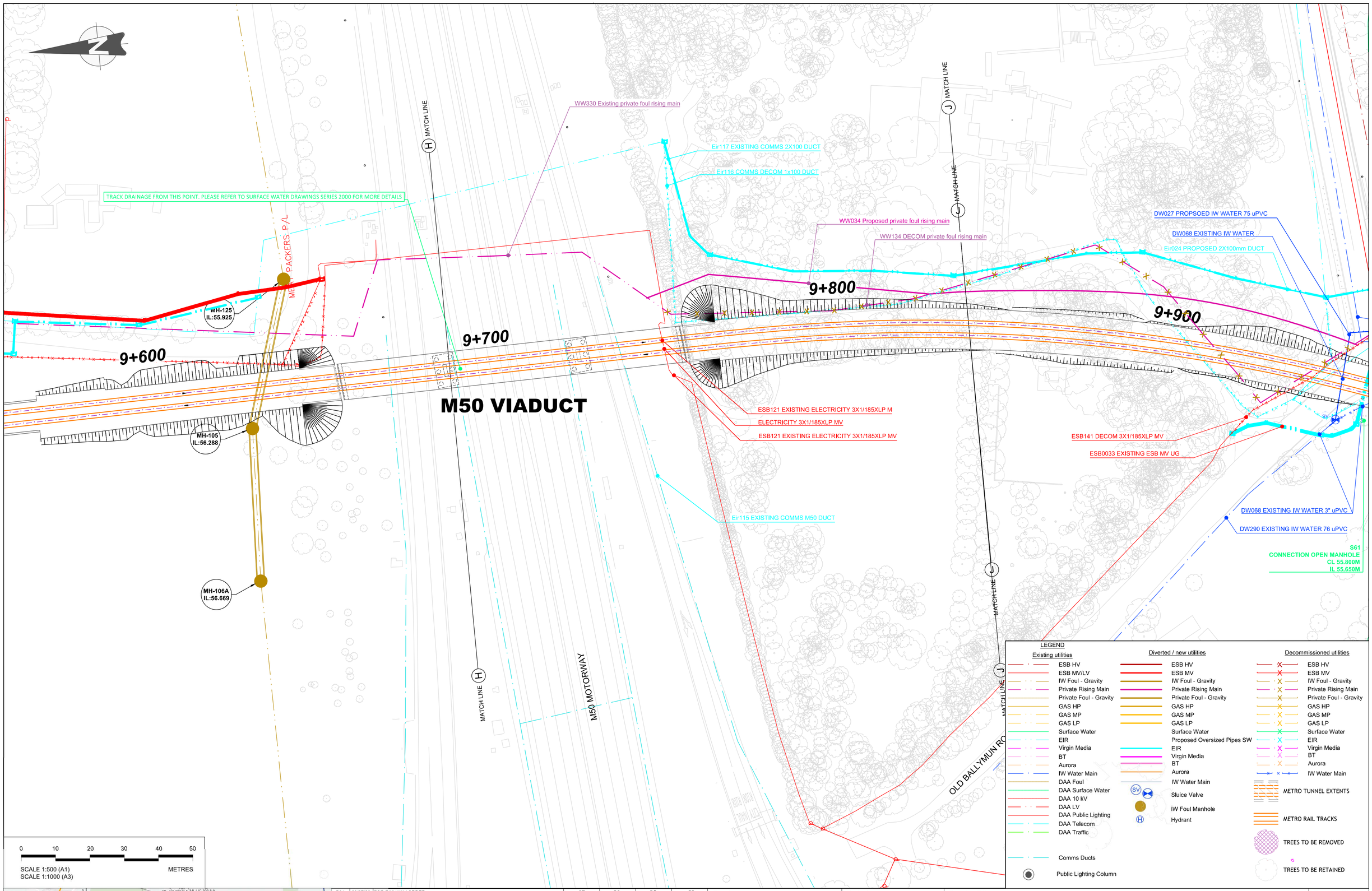
Drawing Status: S0

Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-01052

Plan Drawing Nº: ML-UC 303 9 - 10

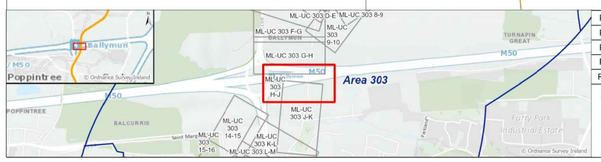
Scales Original Size A1 1:500

Sheet 9 of 11



0 10 20 30 40 50

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



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P04	29/07/22	FOR RAILWAY ORDER	ST	DS	DS	PB
P05	09/02/23	Preliminary Design	BM	DS	DS	PB
P06	12/03/24	For Railway Order Issue	MP	DS	DS	PB
P07	17/03/24	For Railway Order Issue	JS	DS	DS	PB

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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 Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METRO LINK - UTILITY DIVERSION
M50 JUNCTION 4, BALLYMUN

Drawing Status: S4

Drawing Nº: ML1-JAI-TRA-ROUT_XX-DR-Y-01055

Plan Drawing Nº: ML-UC 303 H-J

Scales Original Size A1 1:500

Sheet 1 of 1

OLD BALLYMUN ROAD

MATCH LINE (J)

9+900

WW034 Proposed private foul rising main

WW134 DECOM private foul rising main

10+000

OLD BALLYMUN ROAD

WW330 Existing private foul rising main

SANITARY RIVER CULVERT

S101 EXISTING SEWER WATER 300 UNKNOWN

MATCH LINE (K)

10+100

PROPOSED LOCATION OF VODAFONE MAST. FINAL PROPOSITION SUBJECT TO AGREEMENT

MATCH LINE

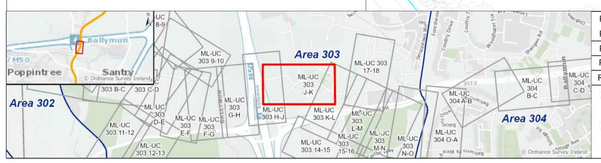
0 10 20 30 40 50

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

METRES

LEGEND

Existing utilities	Diverted / new utilities	Decommissioned utilities
ESB HV	ESB HV	ESB HV
ESB MV/LV	ESB MV	ESB MV
IW Foul - Gravity	IW Foul - Gravity	IW Foul - Gravity
Private Rising Main	Private Rising Main	Private Rising Main
Private Foul - Gravity	Private Foul - Gravity	Private Foul - Gravity
GAS HP	GAS HP	GAS HP
GAS MP	GAS MP	GAS MP
GAS LP	GAS LP	GAS LP
Surface Water	Surface Water	Surface Water
EIR	Proposed Oversized Pipes SW	EIR
Virgin Media	EIR	Virgin Media
BT	Virgin Media	BT
Aurora	BT	Aurora
IW Water Main	Aurora	IW Water Main
DAA Foul	IW Water Main	METRO TUNNEL EXTENTS
DAA Surface Water	Sluice Valve	
DAA 10 kV	IW Foul Manhole	METRO RAIL TRACKS
DAA LV	Hydrant	
DAA Public Lighting		TREES TO BE REMOVED
DAA Telecom		
DAA Traffic		TREES TO BE RETAINED
Comms Ducts		
Public Lighting Column		



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P04	31/07/22	FOR RAILWAY ORDER	KP	DS	DS	PB
P05	13/04/23	FOR RAILWAY ORDER	BM	DS	DS	PB
P06	12/03/24	FOR RAILWAY ORDER	MP	DS	DS	PB
P07	18/03/24	FOR RAILWAY ORDER	JS	DS	DS	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METRO LINK - UTILITY DIVERSION
OLD BALLYMUN ROAD (NORTH)

Drawing Status: S4

Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-01056

Plan Drawing Nº: ML-UC 303 J - K

Scales Original Size A1 1:500

Sheet 1 of 1

MATCH LINE K

MATCH LINE K

10+100

10+200

S8.001 525mm

S8.000 525mm

S101 EXISTING SEWER WATER 300 UNKNOWN

PROPOSED LOCATION OF VODAFONE MAST.
FINAL PROPOSITION SUBJECT TO AGREEMENT

R108

ESB113 DECOM ELECTRICITY HV UG
ESB0073 PROPOSED ESB HV UG 2X150
DW065 PROPOSED IW WATER 400 DI
DW045 PROPOSED IW WATER 800 DI
Swale 15 - 1200mm
Swale 1 1050mm
2,000 Proposed Surface Water 300mmØ
DW066 PROPOSED IW WATER 150 PE
DW067 DECOM IW WATER 150 MOPE
MATCH LINE L
Swale 2 - 1050mm
2,001 PROPOSED SURFACE WATER 300mmØ
DW068 EXISTING IW WATER 150 MOPE
ST MARGARETS ROAD
Swale 3 1050mm
ESB112 DECOM ESB 2X3X1/400XLP MV
2,002 Proposed Surface Water 300mmØ
Swale 4 - 1050mm
2,003 PROPOSED SURFACE WATER 300mmØ

MH-6 1050mm
4,000 PROPOSED SURFACE WATER 225mmØ
Pump
Maximum outflow rate: 3.5 l/s
CL 58.000m
IL 57.300m
MH-7 1050mm
DW028 IW WATER 800 DI
BALLYMUN

TRACK DRAINAGE FROM THIS POINT. PLEASE REFER TO SURFACE WATER DRAWINGS SERIES 2000 FOR MORE DETAILS".

MATCH LINE L
OLD BALLYMUN ROAD
MH-8 1500mm
4,001 PROPOSED SURFACE WATER 225mmØ
4,002 PROPOSED SURFACE WATER 450mmØ
ESB045 PROPOSED ESB MV UG 2X150
EIR071 EIR COMMS 1x100mm DUCT
ESB112 DECOM ESB 2X3X1/400XLP MV
EIR071 PROPOSED EIR COMMS 2X100mm DUCT
EIR108 DECOM TELECOM EIR 1X100
DW045 PROPOSED IW WATER 800 DI
DW065 PROPOSED IW WATER 400 DI

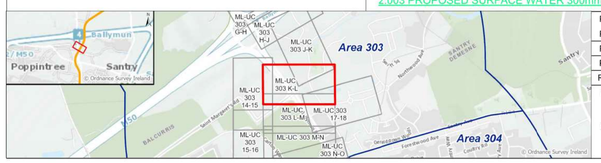
0 10 20 30 40 50
SCALE 1:500 (A1)
SCALE 1:1000 (A3)
METRES

LEGEND

Existing utilities
- ESB HV
- ESB MV/LV
- IW Foul - Gravity
- Private Rising Main
- Private Foul - Gravity
- GAS HP
- GAS MP
- GAS LP
- Surface Water
- EIR
- Virgin Media
- BT
- Aurora
- IW Water Main
- DAA Foul
- DAA Surface Water
- DAA 10 kV
- DAA LV
- DAA Public Lighting
- DAA Telecom
- DAA Traffic
- Comms Ducts
- Public Lighting Column

Diverted / new utilities
- ESB HV
- ESB MV
- IW Foul - Gravity
- Private Rising Main
- Private Foul - Gravity
- GAS HP
- GAS MP
- GAS LP
- Surface Water
- Proposed Oversized Pipes SW
- EIR
- Virgin Media
- BT
- Aurora
- IW Water Main
- Sluice Valve
- IW Foul Manhole
- Hydrant

Decommissioned utilities
- ESB HV
- ESB MV
- IW Foul - Gravity
- Private Rising Main
- Private Foul - Gravity
- GAS HP
- GAS MP
- GAS LP
- Surface Water
- EIR
- Virgin Media
- BT
- Aurora
- IW Water Main
- METRO TUNNEL EXTENTS
- METRO RAIL TRACKS
- TREES TO BE REMOVED
- TREES TO BE RETAINED



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P07	18/03/24	FOR RAILWAY ORDER	JS	DS	DS	PB
P06	13/04/23	FOR RAILWAY ORDER	DS	MN	DS	PB
P05	23/11/22	FOR RAILWAY ORDER	BM	DS	DS	PB
P05	07/09/22	FOR RAILWAY ORDER	BM	DS	DS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority
Project: METROLINK
Consultant: JACOBS IDOM

Drawing Title: METRO LINK - UTILITY DIVERSION
GULLIVER'S RETAIL PARK

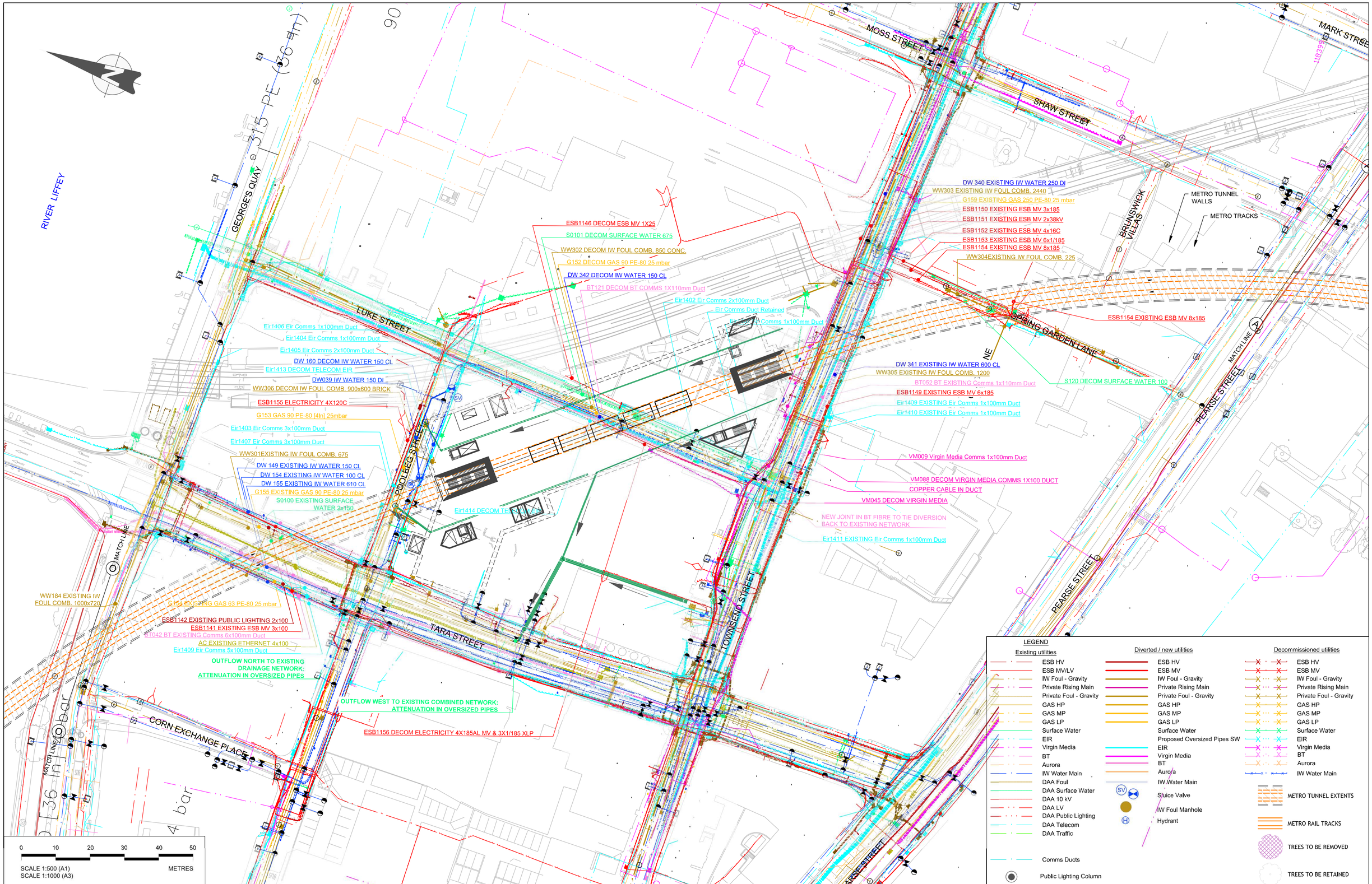
Drawing Status: S4

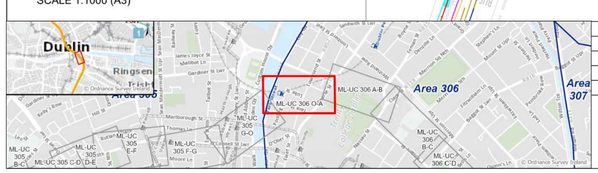
Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-01057

Plan Drawing Nº: ML-UC 303 K - L

Scales Original Size A1 1:500

Sheet 1 of 1





REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	01/11/21	For Railway Order	AR	PT	RD	NC
P02	25/05/22	FOR RAILWAY ORDER	AR	DS	DS	PB
P03	13/04/23	FOR RAILWAY ORDER	MP	DS	DS	PB
P04	15/03/24	FOR RAILWAY ORDER	JS	DS	DS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - UTILITY DIVERSION
BURGH QUAY TO PEARSE STREET

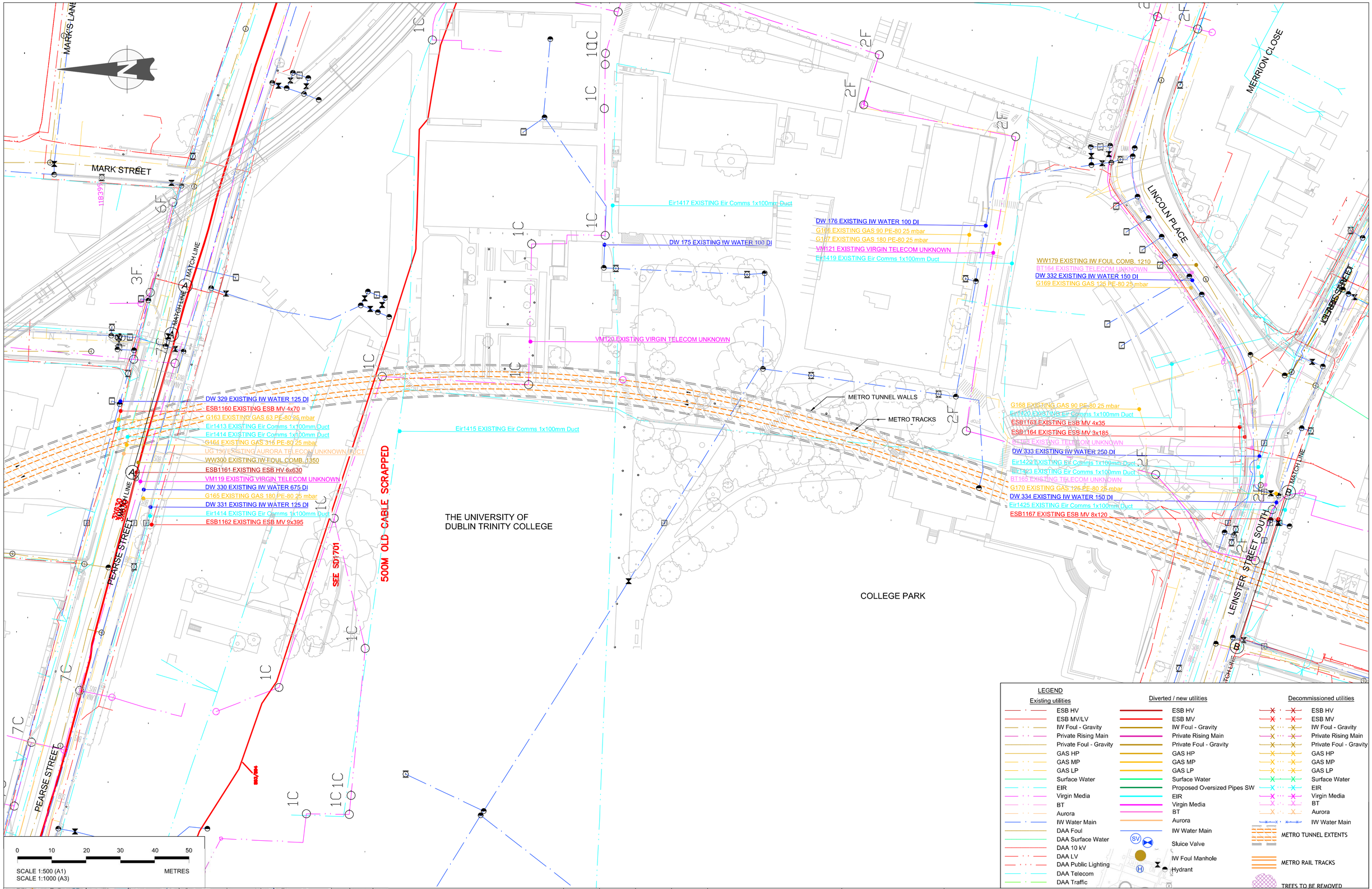
Drawing Status: S4

Drawing N°: ML1-JAI-URD-ROUT_XX-DR-Y-01090

Plan Drawing N°: ML-UC 306 O-A

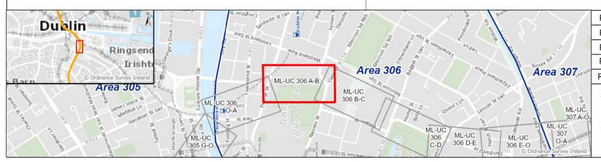
Scales Original Size A1 1:500

Sheet 1 of 1



LEGEND

Existing utilities	Diverted / new utilities	Decommissioned utilities
ESB HV	ESB HV	ESB HV
ESB MV/LV	ESB MV	ESB MV
IW Foul - Gravity	IW Foul - Gravity	IW Foul - Gravity
Private Rising Main	Private Rising Main	Private Rising Main
Private Foul - Gravity	Private Foul - Gravity	Private Foul - Gravity
GAS HP	GAS HP	GAS HP
GAS MP	GAS MP	GAS MP
GAS LP	GAS LP	GAS LP
Surface Water	Surface Water	Surface Water
EIR	Proposed Oversized Pipes SW	EIR
Virgin Media	EIR	Virgin Media
BT	Virgin Media	BT
Aurora	BT	Aurora
IW Water Main	Aurora	IW Water Main
DAA Foul	IW Water Main	METRO TUNNEL EXTENTS
DAA Surface Water	Sluice Valve	
DAA 10 kV	IW Foul Manhole	METRO RAIL TRACKS
DAA LV	Hydrant	
DAA Public Lighting		TREES TO BE REMOVED
DAA Telecom		
DAA Traffic		



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	01/11/21	FOR RAILWAY ORDER	AR	PT	RD	NC
P02	25/05/22	FOR RAILWAY ORDER	AR	DS	DS	PB
P03	13/04/23	FOR RAILWAY ORDER	MP	DS	DS	PB
P04	15/03/24	FOR RAILWAY ORDER	JS	DS	DS	PB

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Client: TII Transport Infrastructure Ireland / NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS / IDOM

Drawing Title: METROLINK - UTILITY DIVERSION
PEARSE STREET TO LEINSTER STREET SOUTH

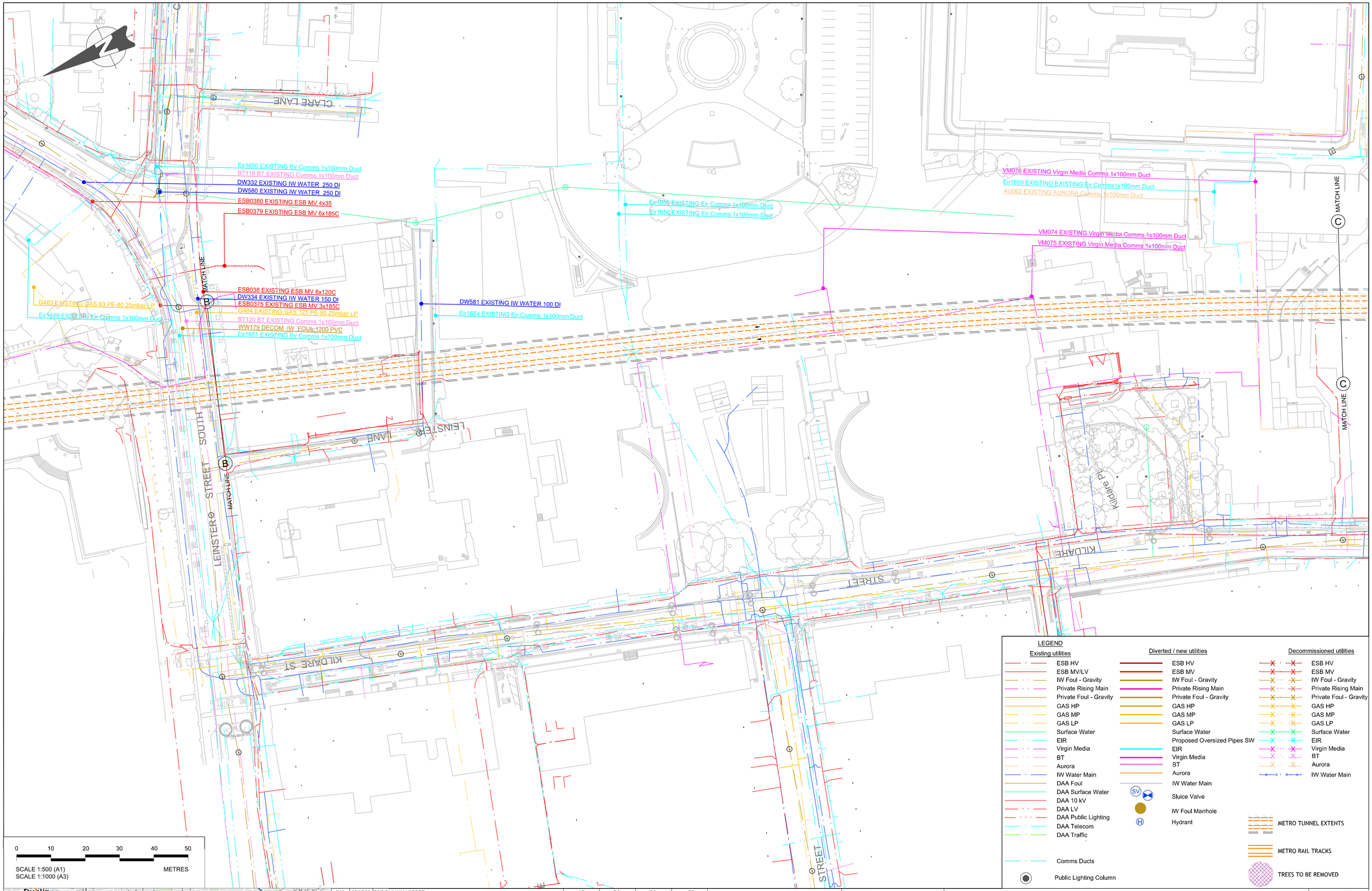
Drawing Status: S4

Drawing N°: ML1-JAI-URD-ROUT_XX-DR-Y-01091

Plan Drawing N°: ML-UC 306 A-B

Scales Original Size A1: AS SHOWN

Sheet 1 of 1



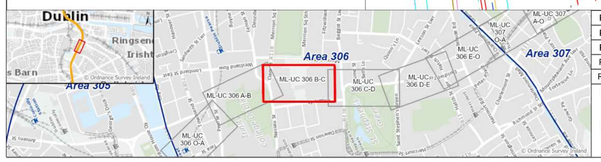
0 10 20 30 40 50

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

LEGEND

Existing utilities	Diverted / new utilities	Decommissioned utilities
ESB HV	ESB HV	ESB HV
ESB MV/LV	ESB MV	ESB MV
IW Foul - Gravity	IW Foul - Gravity	IW Foul - Gravity
Private Rising Main	Private Rising Main	Private Rising Main
Private Foul - Gravity	Private Foul - Gravity	Private Foul - Gravity
GAS HP	GAS HP	GAS HP
GAS MP	GAS MP	GAS MP
GAS LP	GAS LP	GAS LP
Surface Water	Surface Water	Surface Water
EIR	Proposed Oversized Pipes SW	EIR
Virgin Media	EIR	Virgin Media
BT	Virgin Media	BT
Aurora	BT	Aurora
IW Water Main	Aurora	IW Water Main
DAA Foul	IW Water Main	
DAA Surface Water	Sluice Valve	
DAA 10 kV	IW Foul Manhole	
DAA LV	Hydrant	
DAA Public Lighting		
DAA Telecom		
DAA Traffic		
Comms Ducts		
Public Lighting Column		

METRO TUNNEL EXTENTS
METRO RAIL TRACKS
TREES TO BE REMOVED



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	25/05/22	FOR RAILWAY ORDER	AR	DS	DS	PB
P03	29/07/22	FOR RAILWAY ORDER	MP	DS	DS	PB
P04	13/04/23	FOR RAILWAY ORDER	BM	DS	DS	PB
P05	15/03/24	FOR RAILWAY ORDER	JS	DS	DS	PB

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Client: TII Transport Infrastructure Ireland / NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - UTILITY DIVERSION
LEINSTER STREET SOUTH TO SAINT STEPHEN'

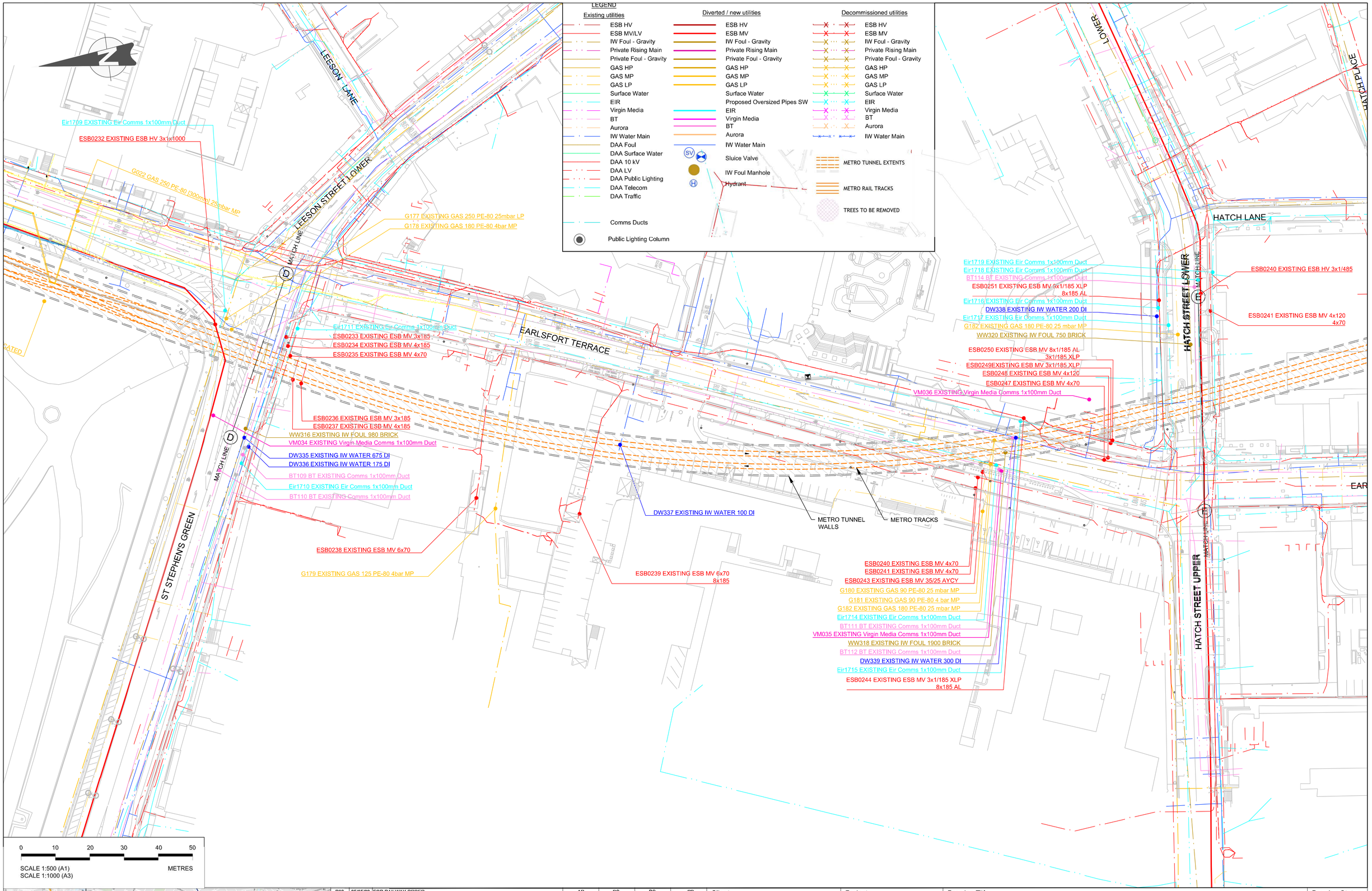
Drawing Status: S4

Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-01092

Plan Drawing Nº: ML-UC 306 B-C

Scales Original Size A1 AS SHOWN

Sheet 1 of 1



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	25/05/22	FOR RAILWAY ORDER	AR	DS	DS	PB
P03	30/07/22	FOR RAILWAY ORDER	MP	DS	DS	PB
P04	13/04/23	FOR RAILWAY ORDER	BM	DS	DS	PB
P05	15/03/24	FOR RAILWAY ORDER	JS	DS	DS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Drawing Title: METROLINK - UTILITY DIVERSION SAINT STEPHEN'S GREEN TO HATCH STREET LOWER

Drawing Status: S4

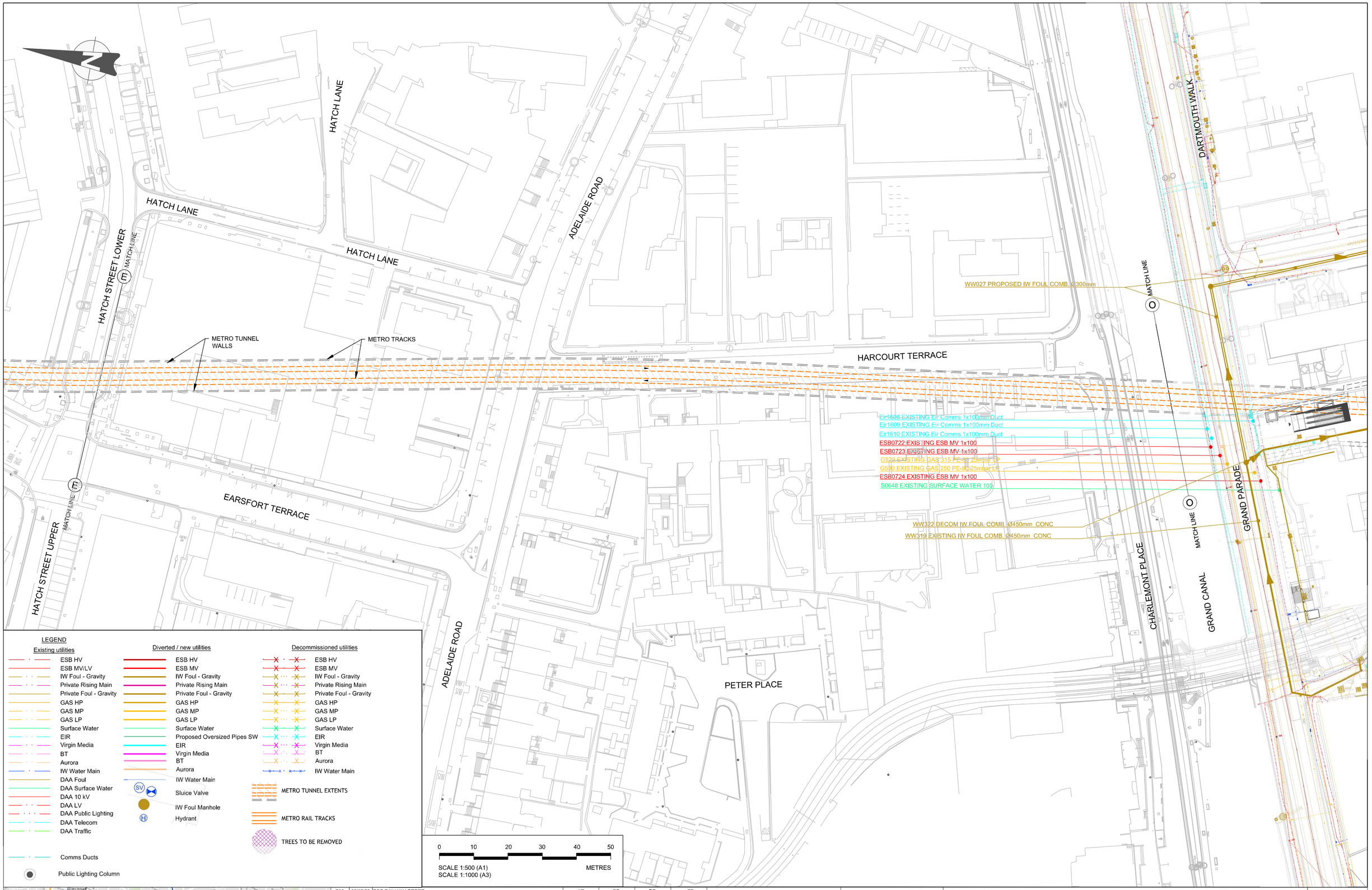
Consultant: JACOBS IDOM

Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-01094

Plan Drawing Nº: ML-UC 306 D-E

Scales Original Size A1 1:500

Sheet 1 of 1



LEGEND

Existing utilities	Diverted / new utilities	Decommissioned utilities
ESB HV	ESB HV	ESB HV
ESB MV/LV	ESB MV	ESB MV
IW Foul - Gravity	IW Foul - Gravity	IW Foul - Gravity
Private Rising Main	Private Rising Main	Private Rising Main
Private Foul - Gravity	Private Foul - Gravity	Private Foul - Gravity
GAS HP	GAS HP	GAS HP
GAS MP	GAS MP	GAS MP
GAS LP	GAS LP	GAS LP
Surface Water	Surface Water	Surface Water
EIR	Proposed Oversized Pipes SW	EIR
Virgin Media	EIR	Virgin Media
BT	Virgin Media	BT
Aurora	BT	Aurora
IW Water Main	Aurora	IW Water Main
DAA Foul	IW Water Main	
DAA Surface Water	Sluice Valve	METRO TUNNEL EXTENTS
DAA 10 kV	IW Foul Manhole	
DAA LV	Hydrant	METRO RAIL TRACKS
DAA Public Lighting		
DAA Telecom		TREES TO BE REMOVED
DAA Traffic		
Comms Ducts		
Public Lighting Column		

0 10 20 30 40 50

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

REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	25/05/22	FOR RAILWAY ORDER	AR	DS	DS	PB
P03	29/07/22	FOR RAILWAY ORDER	MP	DS	DS	PB
P04	13/04/23	FOR RAILWAY ORDER	BM	DS	DS	PB
P05	15/03/24	FOR RAILWAY ORDER	JS	DS	DS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - UTILITY DIVERSION
HATCH STREET LOWER TO GRANDE PARADE

Drawing Status: S4

Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-01095

Plan Drawing Nº: ML-UC 306 E-O

Scales Original Size A1 AS SHOWN

Sheet 1 of 1

MATCH LINE G

G MATCH LINE

IL 5.16

IL 5.43

S4
Connection Open Manhole
CL 7.930m
IL 5.488m
Flow control type: Hydro-Brake or similar
Head: 0.5m
Discharge rate: 2 l/s

S7
Connection Open Manhole
CL 8.000m
IL 5.488m

Provision of Connecting Pipes between Pumping Station and Additional Attenuation Storage

S4
Connection Open Manhole
CL 8.600m
IL 5.938

S51
Connection Junction
CL 0.990m
IL 0.240m

S52
Connection Junction
CL 0.719m
IL -0.031m
Orifice: 0.264m

ST1.008 300mm

ST1.046 1000x750mm

ST1.049 1000x750mm

ST1.050 525mm

ST1.005 450mm

ST1.004 450mm

ST1.003 350mm

Pond
CL 6.660m
IL 5.160m
Volume: 3288m3

S5
Connection Open Manhole
CL 8.520m
IL 6.700m
Additional 0.330 ha of impermeable area from existing road drainage

Proposed Control Building

2nd Stormtech Tank
Volume: 310 m3
Depth: 0.91 m
Minimum Crest Level: 7.7 m OD
Operating Storage Level: 8.61 m OD
Outlet Control: Hydro-Brake or similar
Discharge rate: 2.5 l/s

Proposed Pump Station Emergency Overflow

Proposed Valve Chamber

Proposed foul water network

S64
Connection Junction
CL -0.908m
IL -1.670m

S66
Connection Open Manhole
CL -0.899m
IL -1.680m

S84
Connection Open Manhole
CL -0.900m
IL -1.360m

ST1.056 525mm

ST1.057 900mm

ST1.055 525mm

ST2.013 1000x750mm

ST2.014 525mm

ST1.059 350mm

ST1.058 900mm

S2.009 1000x750mm

Proposed Inlet Chamber

Proposed Sump Chamber

Existing surface water network

MATCH LINE H

H MATCH LINE

Pump
CL -1.300m
IL -3.300m
Maximum outflow rate: 110 l/s

1st Stormtech Tank
Volume: 190 m3
Depth: 0.91 m
Minimum Crest Level: 7.85 m OD
Operating Storage Level: 8.76 m OD

S67
Connection Sealed Manhole
CL -0.386m
IL -2.296m

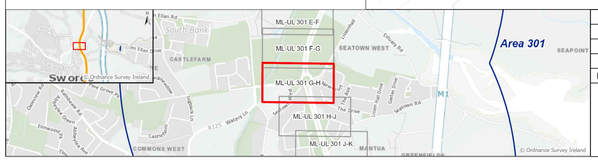
S80
Connection Junction
CL -0.280m
IL -1.034m
Orifice: 0.152m

LEGEND

- Existing Surface Water
- Existing Foul Water
- Proposed Surface Water
- Proposed Oversized Pipes
- Proposed Ditches
- Proposed Attenuation Pond
- Proposed Swale
- Proposed Tank
- Metro Tunnel Extents
- Proposed Culvert
- Proposed Headwall
- Proposed Ditch for Land Drain Diversion
- Proposed Outfall
- Connection to Existing Network
- Proposed Manhole
- Proposed Inspection Chamber
- Proposed Pump
- Metro Rail Tracks
- Proposed Drainage Flow Direction

0 10 20 30 40 50

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



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	14/02/22	PRELIMINARY DESIGN	BD	DS	DS	NC
P02	30/07/22	FOR RAILWAY ORDER	MP	DS	DS	PB
P03	17/04/23	For Railway Order	BM	DS	DS	PB
P04	22/03/24	For Railway Order	JS	DS	DS	PB

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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 Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - PROPOSED SURFACE DRAINAGE BALHEARY DEMESNE (SHEET 5 OF 5)

Drawing Status: S4

Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-02011

Plan Drawing Nº: ML-UL 301 G-H

Scales Original Size A1 1:500

Sheet 5 of 5

Discharge rate: 2.5 l/s

S53
1050mm
CL 9.175m
IL (m)7.825

S52
1050mm
CL 9.916m
IL (m)8.566

ST13.000
225mm

ST1.059
350mm

ST1.058
900mm

ST1.057
900mm

S2.013
1000x750mm

S56
1050mm
CL 9.661m
IL (m)8.262

ST19.000
225mm

S57
1050mm
CL 9.162m
IL (m)7.863

ST2.014
525mm

S84
Connection Open Manhole
CL -0.900m
IL -1.360m

S2.009
1000x750mm

ST14.004
225mm

S48
1200mm
CL 8.748m
IL (m)6.950

MATCH LINE H

Pump
CL -1.300m
IL -3.300m
Maximum outflow rate: 110 l/s

1st Stormtech Tank
Volume: 190 m3
Depth: 0.91 m
Minimum Crest Level: 7.85 m OD
Operating Storage Level: 8.76 m OD

S67
Connection Sealed Manhole
CL -0.386m
IL -2.296m

S80
Connection Junction
CL -0.280m
IL -1.034m
Orifice: 0.152m

ST14.003
225mm

S47
1050mm
CL 8.512m
IL (m)7.087

Proposed foul water network

Existing surface water network

H MATCH LINE

MATCH LINE J

J MATCH LINE

S2.024

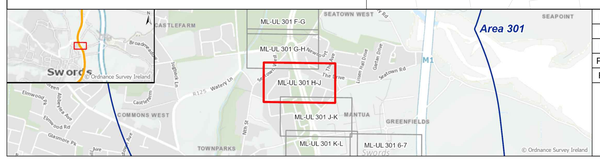
S100
Connection Junction
CL 1.660m
IL 0.910m

LEGEND

- Existing Surface Water
- Existing Foul Water
- Proposed Surface Water
- Proposed Oversized Pipes
- Proposed Ditches
- Proposed Attenuation Pond
- Proposed Swale
- Proposed Tank
- Metro Tunnel Extents
- Proposed Culvert
- Proposed Headwall
- Proposed Ditch for Land Drain Diversion
- Proposed Outfall
- Connection to Existing Network
- Proposed Manhole
- Proposed Inspection Chamber
- Proposed Pump
- Metro Rail Tracks
- Proposed Drainage Flow Direction

0 10 20 30 40 50

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



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P03	26/01/24	For Railway Order	MP	DS	DS	AS
P04	31/01/24	For Railway Order	MP	DS	DS	AS
P05	08/02/24	For Railway Order	MP	DS	DS	AS
P06.3	22/03/24	For Railway Order	JS	DS	DS	AS

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - PROPOSED SURFACE DRAINAGE SEATOWN (SHEET 1 OF 3)

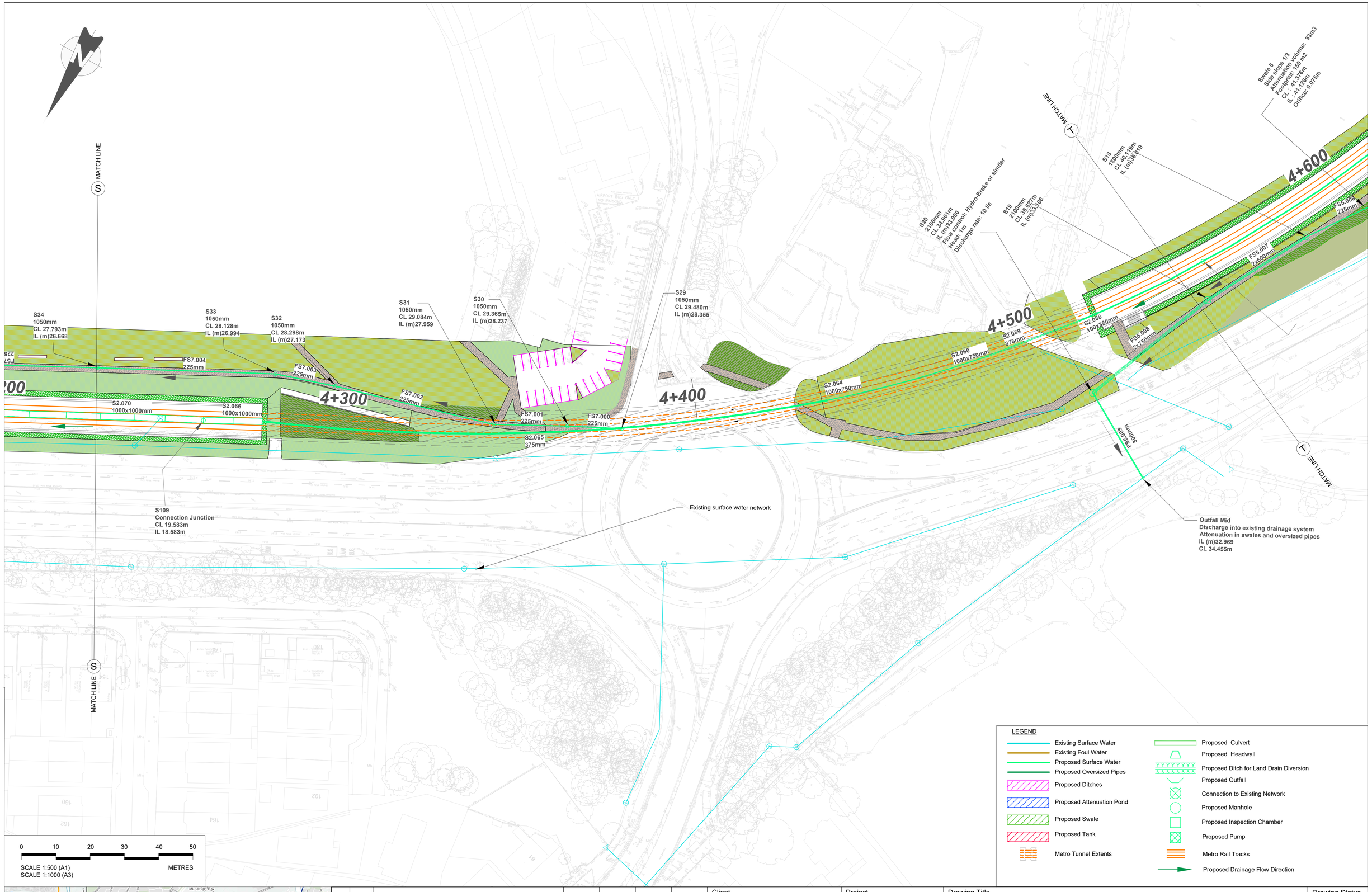
Drawing Status: S4

Drawing N°: ML1-JAI-URD-ROUT_XX-DR-Y-02012

Plan Drawing N°: ML-UL 301 H-J

Scales Original Size A1 1:500

Sheet 1 of 3



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	14/02/22	PRELIMINARY DESIGN	BD	DS	DS	NC
P02	17/04/23	Preliminary Design	BM	DS	DS	PB
P03	22/03/24	For Railway Order	JS	DS	DS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - PROPOSED SURFACE DRAINAGE
PINNOCK HILL ROUNDABOUT

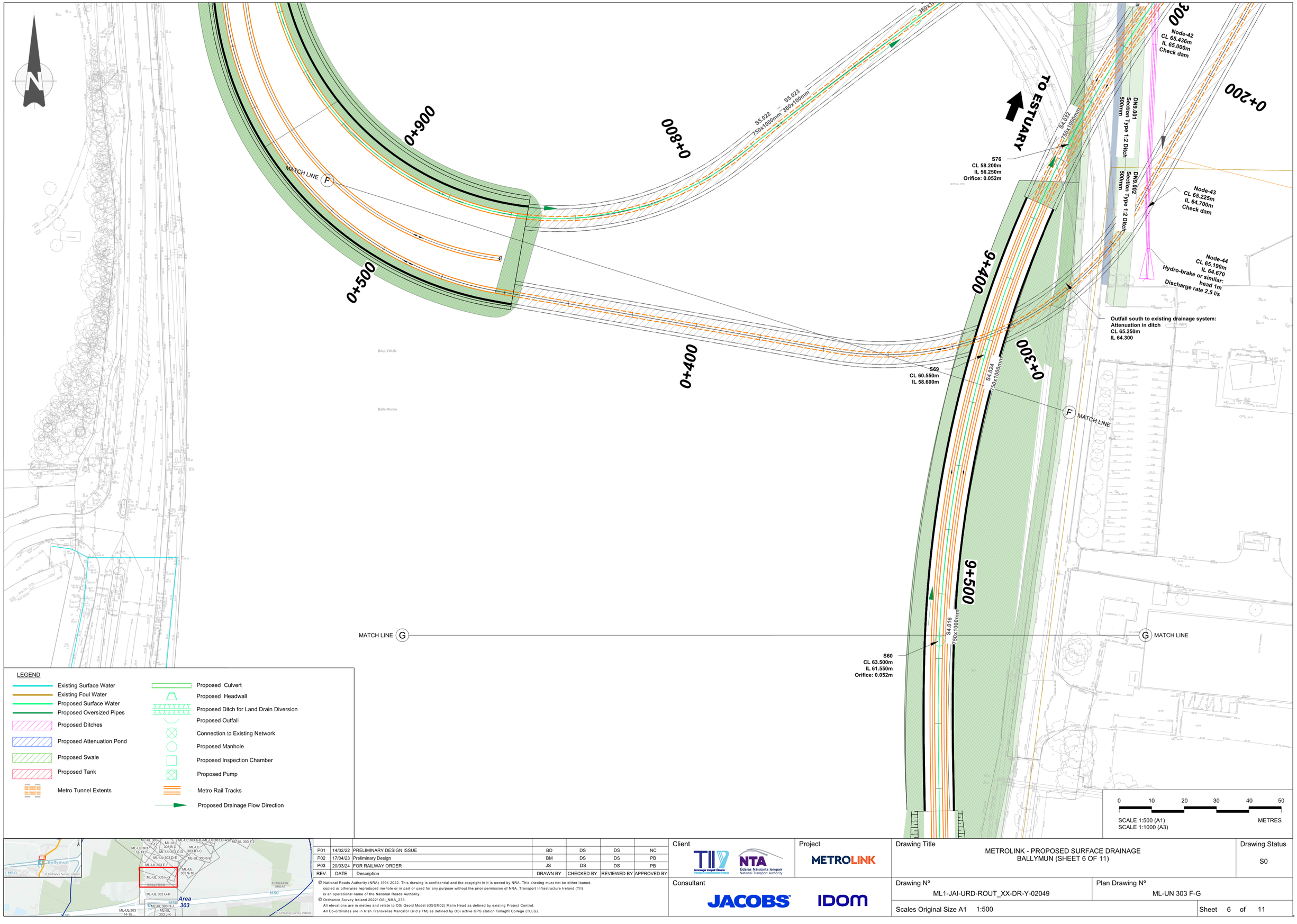
Drawing Status: S4

Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-02022

Plan Drawing Nº: ML-UL 301 S-T

Scales Original Size A1 1:500

Sheet 1 of 1



LEGEND

- Existing Surface Water
- Existing Foul Water
- Proposed Surface Water
- Proposed Oversized Pipes
- Proposed Ditches
- Proposed Attenuation Pond
- Proposed Swale
- Proposed Tank
- Metro Tunnel Extents
- Proposed Culvert
- Proposed Headwall
- Proposed Ditch for Land Drain Diversion
- Proposed Outfall
- Connection to Existing Network
- Proposed Manhole
- Proposed Inspection Chamber
- Proposed Pump
- Metro Rail Tracks
- Proposed Drainage Flow Direction

REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	14/02/22	PRELIMINARY DESIGN ISSUE	BD	DS	DS	NC
P02	17/04/23	Preliminary Design	BM	DS	DS	PB
P03	20/03/24	FOR RAILWAY ORDER	JS	DS	DS	PB

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Client: TII Transport Infrastructure Ireland / NTA National Transport Authority

Consultant: JACOBS IDOM

Project: METROLINK

Drawing Title: METROLINK - PROPOSED SURFACE DRAINAGE BALLYMUN (SHEET 6 OF 11)

Drawing Status: S0

Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-02049

Plan Drawing Nº: ML-UN 303 F-G

Scales Original Size A1 1:500

Sheet 6 of 11

MATCH LINE G

G MATCH LINE

9+500

S4.016
750x1000mm

S60
CL 63.500m
IL 61.550m
Orifice: 0.052m

9+600

S46
CL 67.531m
IL 66.781m

MATCH LINE H

H MATCH LINE

S6.000
1000x750mm

S169
Connection Junction
CL 67.530m
IL 66.526m

9+700

M50 VIADCUT

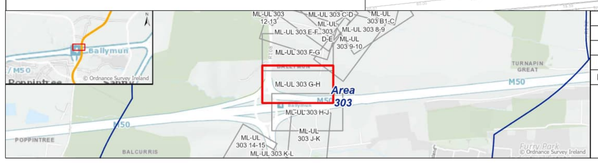
0 10 20 30 40 50

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

METRES

LEGEND

- Existing Surface Water
- Existing Foul Water
- Proposed Surface Water
- Proposed Oversized Pipes
- Proposed Ditches
- Proposed Attenuation Pond
- Proposed Swale
- Proposed Tank
- Metro Tunnel Extents
- Proposed Culvert
- Proposed Headwall
- Proposed Ditch for Land Drain Diversion
- Proposed Outfall
- Connection to Existing Network
- Proposed Manhole
- Proposed Inspection Chamber
- Proposed Pump
- Metro Rail Tracks
- Proposed Drainage Flow Direction



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	14/02/22	PRELIMINARY DESIGN ISSUE	BD	DS	DS	NC
P02	17/04/23	Preliminary Design	BM	DS	DS	PB
P03	20/03/24	For Railway Order	JS	DS	DS	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair / National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - PROPOSED SURFACE DRAINAGE BALLYMUN (SHEET 7 OF 11)

Drawing Status: S0

Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-02050

Plan Drawing Nº: ML-UN 303 G-H

Scales Original Size A1 1:500

Sheet 7 of 11

LEGEND

- Existing Surface Water
- Existing Foul Water
- Proposed Surface Water
- Proposed Oversized Pipes
- Proposed Ditches
- Proposed Attenuation Pond
- Proposed Swale
- Proposed Tank
- Metro Tunnel Extents
- Proposed Culvert
- Proposed Headwall
- Proposed Ditch for Land Drain Diversion
- Proposed Outfall
- Connection to Existing Network
- Proposed Manhole
- Proposed Inspection Chamber
- Proposed Pump
- Metro Rail Tracks
- Proposed Drainage Flow Direction

MATCH LINE (J)

MATCH LINE (K)

Existing foul water network

Outfall to Santry river:
Attenuation by tank
IL: 55.150 m

9+800

9+900

10+000

10+100

S6.014
1000x750mm

S8.003
225mm

S8.002
225mm

S6.039
450mm

S6.038
1000x750mm

S8.001
525mm

S8.000
525mm

S179
Connection Junction
CL 65.800m
IL 64.346m
Orifice: 0.037m

S184
Connection Junction
CL 63.517m
IL 62.045m
Orifice: 0.037m

S189
Connection Junction
CL 61.000m
IL 59.219m
Orifice: 0.037m

S194
Connection Junction
CL 58.617m
IL 56.767m
Orifice: 0.037m

S199
Connection Junction
CL 56.667m
IL 54.321m
Orifice: 0.037m

S204
Connection Junction
CL 53.717m
IL 51.870m
Orifice: 0.037m

S61
Connection Open Manhole
CL 55.800m
IL 55.650m

Attenuation Pond 2
Volume: 160 m3
Depth: 0.816 m
Minimum Crest Level: 56.684 m OD
Operating Storage Level: 57.500 m OD
Flow Control: Hydro-Brake or similar
Head: 0.5m
Discharge: 2 l/s

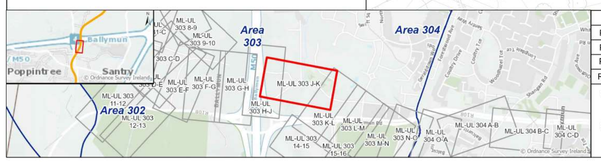
Attenuation Pond 1
Volume: 203 m3
Depth: 1.00 m
Minimum Crest Level: 56.880 m OD
Operating Storage Level: 57.880 m OD
Orifice: 0.064m

S209
Connection Junction
CL 51.000m
IL 49.419m
Orifice: 0.037m

S214
Connection Junction
CL 48.817m
IL 46.969m
Orifice: 0.037m
Existing surface water network

Existing drainage network

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



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	14/02/22	PRELIMINARY DESIGN ISSUE	BD	DS	DS	NC
P02	17/04/23	Preliminary Design	BM	DS	DS	PB
P03	15/03/24	FOR RAILWAY ORDER	JS	DS	DS	PB

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Client: Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair / National Transport Authority

Consultant: JACOBS IDOM

Project: METROLINK

Drawing Title: METROLINK - PROPOSED SURFACE DRAINAGE
OLD BALLYMUN ROAD (NORTH)

Drawing Status: S4

Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-02056

Plan Drawing Nº: ML-UN 303 J-K

Scales Original Size A1 1:500

Sheet 1 of 1

LEGEND

- Existing Surface Water
- Existing Foul Water
- Proposed Surface Water
- Proposed Oversized Pipes
- Proposed Ditches
- Proposed Attenuation Pond
- Proposed Swale
- Proposed Tank
- Metro Tunnel Extents
- Proposed Culvert
- Proposed Headwall
- Proposed Ditch for Land Drain Diversion
- Proposed Outfall
- Connection to Existing Network
- Proposed Manhole
- Proposed Inspection Chamber
- Proposed Pump
- Metro Rail Tracks
- Proposed Drainage Flow Direction

MATCH LINE K

MATCH LINE K

S6.038
1000x750mm

S6.039
450mm

S209
Connection Junction
CL 51.000m
IL 49.419m
Orifice: 0.037m

10+000

S214
Connection Junction
CL 48.817m
IL 46.969m
Orifice: 0.037m

Existing drainage surface water network

S8.000
525mm

10+100

Pump
Maximum outflow rate: 3.5 l/s
CL 58.000m
IL 57.300m

Proposed Foul Network

10+200

7
1050mm
IL60.020m

S221
Connection Junction
CL 46.000m
IL 44.518m
Orifice: 0.037m

6
1050mm
IL60.812m

S226
Connection Junction
CL 44.363m
IL 42.751m

MATCH LINE L

MATCH LINE L

35
1050mm
IL59.990m

2.000
300mm

Linear drain
7.000
300mm

S6.056
450mm

38
2100mm
IL58.757m

2.001
300mm

6.000
Linear drain
300mm

Swale 1

IL58.964m
Depth1.200m

Swale 2

2.002
300mm

2.003
300mm

7.001
Linear drain
300mm

24
1050mm
IL59.882m

39
2100mm
IL58.435m

Existing foul water network

IL58.800m
Depth1.200m

Swale 3
Volume:5.5 m3
Footprint:56.5m2
IL58.700m
Depth1.200m

8
1050mm
IL59.929m

7.002
Linear drain
300mm

1.000
2x450mm

22
1050mm
IL59.700m

40
2100mm
IL58.253m

4.002
2x450mm

2.004
300mm

2.005
300mm

Swale 4
Volume:5.3 m3
Footprint:51.1m2
IL58.654m
Depth1.398m

Swale 5
Volume:3.1 m3
Footprint:33m2
IL58.621m
Depth1.729m

36
1050mm
IL59.858m

7.003
Linear Drain
300mm

4.003
Linear drain
300mm

4.001
2x450mm

9
2100mm
IL58.202m

4.003
300mm

25
1050mm
Flow control:
Hydrobrake or similar
Head: 1m
Discharge rate 2.5l/s
IL58.172m
Depth1.498m

2.006
300mm

2.007
300mm

5.000
Linear drain
300mm

6.001
Linear drain
300mm

Swale 6
Volume:3.3 m3
Footprint:36.7m2
IL58.578m
Depth1.348m

Swale 7
Volume:3.2 m3
Footprint:35.8m2
IL58.548m
Depth1.397m

2.008
300mm

2.009
300mm

37
1500mm
IL57.780m

12.000
450mm

17
1500mm
IL57.374m

10.000
450mm

Swale 8
Volume:3.2 m3
Footprint:34.9m2
IL58.418m
Depth1.200m

Swale 9
Volume:1.6 m3
Footprint:16.2m2
IL58.377m

2.010
300mm

2.011
375mm

4.004
300mm

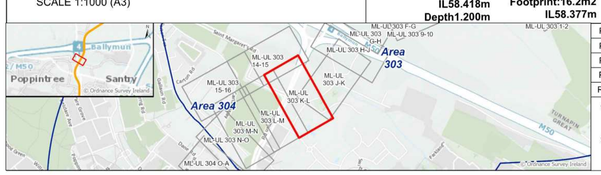
11.000
450mm

38

0 10 20 30 40 50

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

METRES



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P02	21/07/22	For Railway Order	BD	DS	DS	PB
P03	09/09/22	For Railway Order	BM	DS	DS	PB
P04	17/04/23	For Railway Order	DS	MN	DS	PB
P05	18/03/24	For Railway Order	JS	DS	DS	PB

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Client: Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Drawing Title: METROLINK - PROPOSED SURFACE DRAINAGE
GULLIVER'S RETAIL PARK

Drawing Status: S4

Consultant: JACOBS IDOM

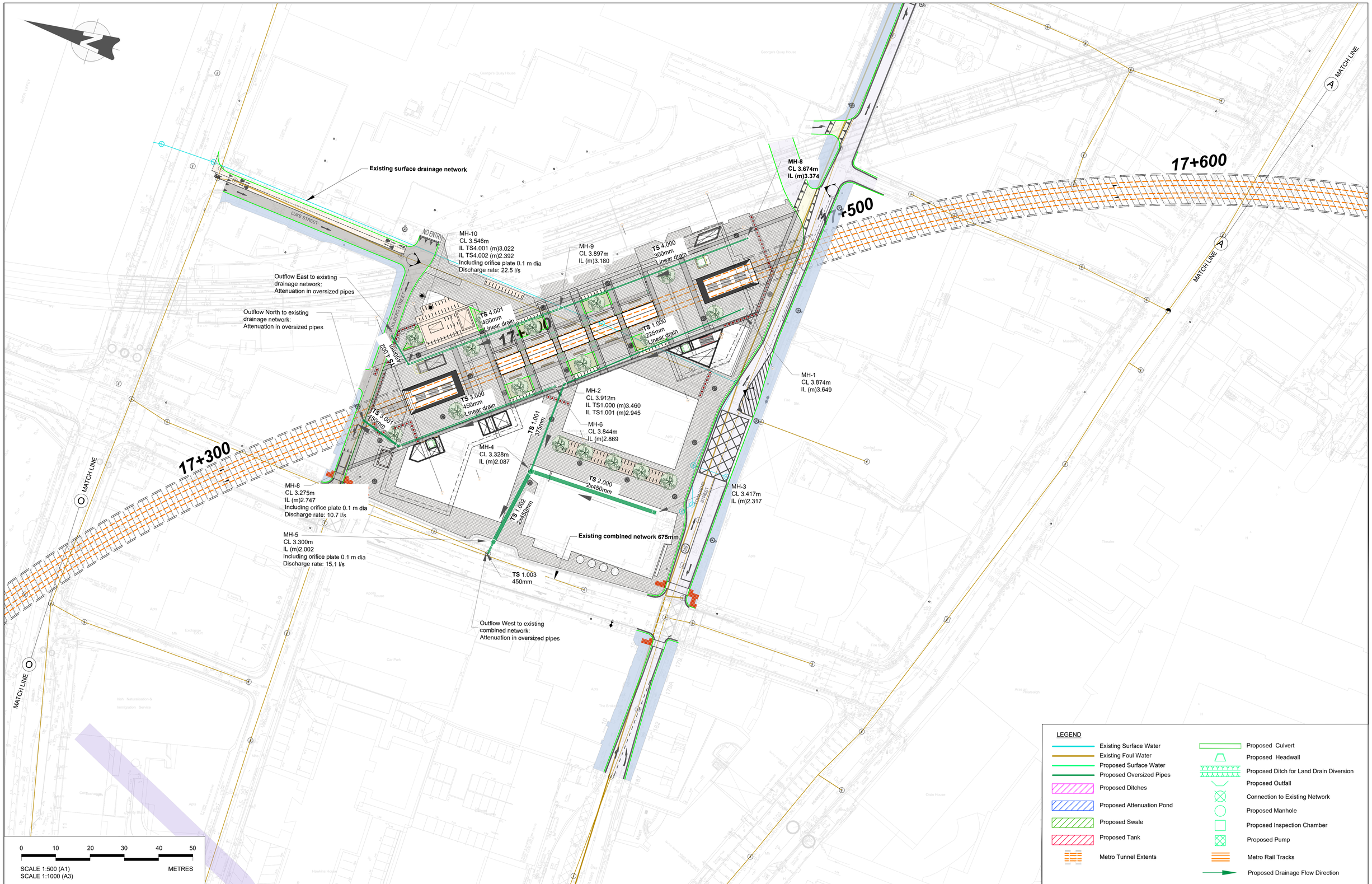
Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-02057

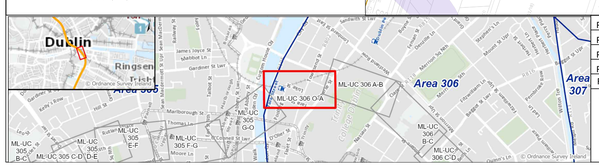
Plan Drawing Nº: ML-UL 303 K-L

Scales Original Size A1 1:500

Sheet 1 of 1

Xref: ML1-JAI-MA-ROUT_XX-MO-Y-00007 - undefined-u4.dwx





REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	14/02/22	PRELIMINARY DESIGN ISSUE	BD	DS	DS	NC
P02	12/05/22	Preliminary Design	BD	DS	DS	NC
P03	17/04/23	Preliminary Design	BM	DS	DS	PB
P04	23/03/24	For Railway Order	JS	DS	DS	PB

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Client: TII Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS IDOM

Drawing Title: METROLINK - PROPOSED SURFACE DRAINAGE BURGH QUAY TO PEARSE STREET

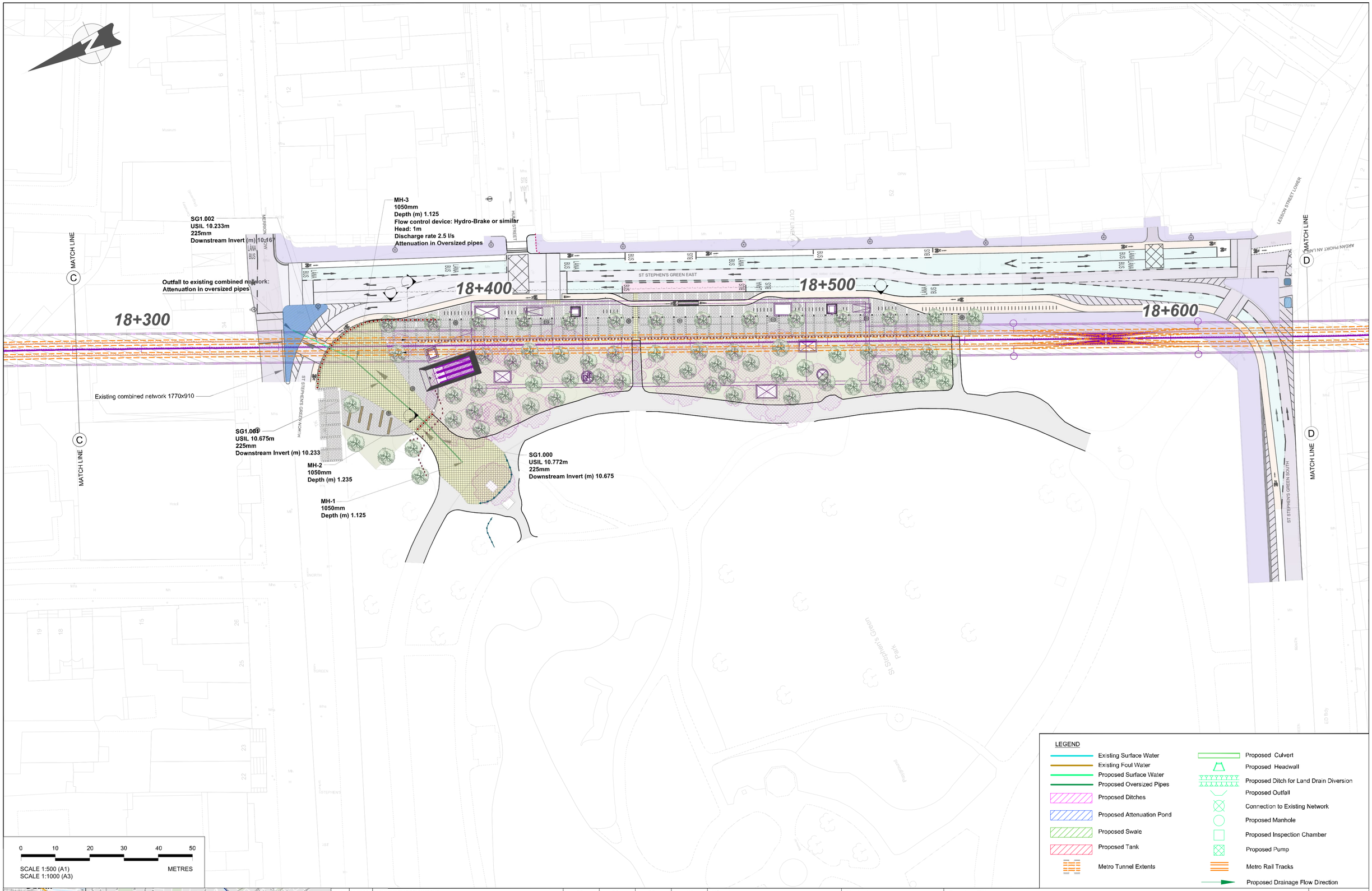
Drawing Status: S4

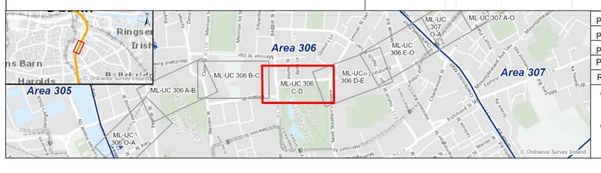
Drawing N°: ML1-JAI-URD-ROUT_XX-DR-Y-02090

Plan Drawing N°: ML-UN 306 O-A

Scales Original Size A1 1:500

Sheet 1 of 1





REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	14/02/22	PRELIMINARY DESIGN ISSUE	BD	DS	DS	NC
P02	12/05/22	PRELIMINARY DESIGN ISSUE - ALIGNMENT UPDATE	BD	DS	DS	NC
P03	17/04/23	FOR RAILWAY ORDER	BM	DS	DS	PB
P04	21/03/24	FOR RAILWAY ORDER	JS	DS	DS	PB

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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 Transport Infrastructure Ireland; NTA National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - PROPOSED SURFACE DRAINAGE SAINT STEPHEN'S GREEN

Drawing Status: S0

Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-02093

Plan Drawing Nº: ML-UN 306 C-D

Scales Original Size A1 1:500

Sheet 1 of 1

Pump
Maximum Discharge Rate: 2 l/s
CL (m) 15.000
Incoming pipe: -1.050
Outgoing pipe: 13.400

Attenuation Tank
Volume: 440 m3
Depth: 11 m
Crest: 10.000
Operating storage level: -1.000
Incoming pipe: -1.000
Outflowing pipe: -1.000

Outfall
Discharge into existing drainage system
Attenuation in tank
IL 13.200
CL 15.000

S1.002
225mm

S1.001
225mm
Linear drain

S1.003
225mm

19+200
19+300
19+400
19+500

MATCH LINE O

MATCH LINE A

Note: Surface water network to be designed by Hines. Attenuation provided by attenuation tank.

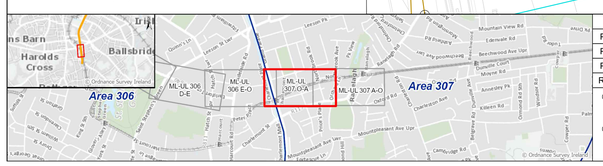
S1
1500mm
CL (m) 15.000
IL (m) 14.775

DARTMOUTH ROAD
GRAND CANAL
Charlemont
Shelbourne
Lime Line

LEGEND

- Existing Surface Water
- Existing Foul Water
- Proposed Surface Water
- Proposed Oversized Pipes
- Proposed Ditches
- Proposed Attenuation Pond
- Proposed Swale
- Proposed Tank
- Metro Tunnel Extents
- Proposed Culvert
- Proposed Headwall
- Proposed Ditch for Land Drain Diversion
- Proposed Outfall
- Connection to Existing Network
- Proposed Manhole
- Proposed Inspection Chamber
- Proposed Pump
- Metro Rail Tracks
- Proposed Drainage Flow Direction

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



REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
P01	21/07/22	Preliminary Design	BD	DS	DS	PB
P02	17/04/23	For Railway Order	BM	DS	DS	PB
P03	22/03/24	For Railway Order	JS	DS	DS	PB

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Client: TII Transport Infrastructure Ireland; NTA Údarás Náisiúnta Iompair National Transport Authority

Project: METROLINK

Consultant: JACOBS; IDOM

Drawing Title: METROLINK - PROPOSED SURFACE DRAINAGE GRAND PARADE TO NORTHBROOK ROAD

Drawing Status: S4

Drawing Nº: ML1-JAI-URD-ROUT_XX-DR-Y-02096

Plan Drawing Nº: ML-UL 307 O-A

Scales Original Size A1 1:500

Sheet 1 of 1

x=718,788, y=747,504

x=718,391, y=747,302

MATCH LINE

MATCH LINE

MATCH LINE

MATCH LINE

ML1H-A1

ML1H-A4.1

ML1H-A5

ML1H-A7

ML1H-T1.1

ML1H-T2

Seatown West

Seatown Villas

The Grove

The Crescent

The Avenue

The Drive

Estuary Court

Seatown Road

Comyn Manor

LOCATION PLAN

Map Scale: 1:1000 @ A3

DRAWING LEGEND

LAND TAKE REFERENCE NUMBER — EXTENT OF PROPOSED ACQUISITION OF LAND

LAND TAKE REFERENCE NUMBER — EXTENT OF PROPOSED ACQUISITION OF SUBSTRATUM LAND

WAYLEAVE REFERENCE NUMBER — EXTENT OF WAYLEAVE / RIGHT OF WAY TO BE ACQUIRED / EXTINGUISHED

TEMPORARY SITE REFERENCE NUMBER — EXTENT OF PROPOSED TEMPORARY SITE

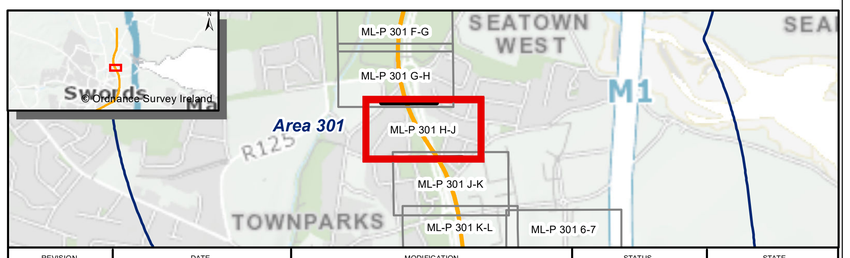
POSITION OF METRO RAIL TRACKS

POSITION OF METRO RAIL TRACKS (UNDERGROUND)

EXTENT OF METRO TUNNEL

EXISTING BASEMENT REFERENCE NUMBER — EXISTING LIGHTWELL (MAY BE AFFECTED OR ACQUIRED); EXISTING BUILDING FACADE; EDGE OF EXISTING PAVEMENT

EXISTING BASEMENT BENEATH - MAY BE AFFECTED OR ACQUIRED (EXACT EXTENT OF BASEMENTS TO BE CLARIFIED)



REVISION	DATE	MODIFICATION	STATUS	STATE
P04	20/03/2024		Draft	Published

TII Bonneagar Iompair Éireann — METROLINK — JACOBS IDOM

TITLE: *RAILWAY WORKS*
METROLINK - PROPERTY DETAILS
SEATOWN (SHEET 1 OF 3)

DRAWING NUMBER: ML1-JAI-BOR-ROUT_XX-DR-Y-01012		
DRAWN: TW	CHECKED: MM	APPROVED: PB
SCALE: 1:1000 @ A3	REVIEWED: AS	
AREA NUMBER: 301	PLAN NUMBER: ML-P 301 H-J	SUBJECT: PROPERTY

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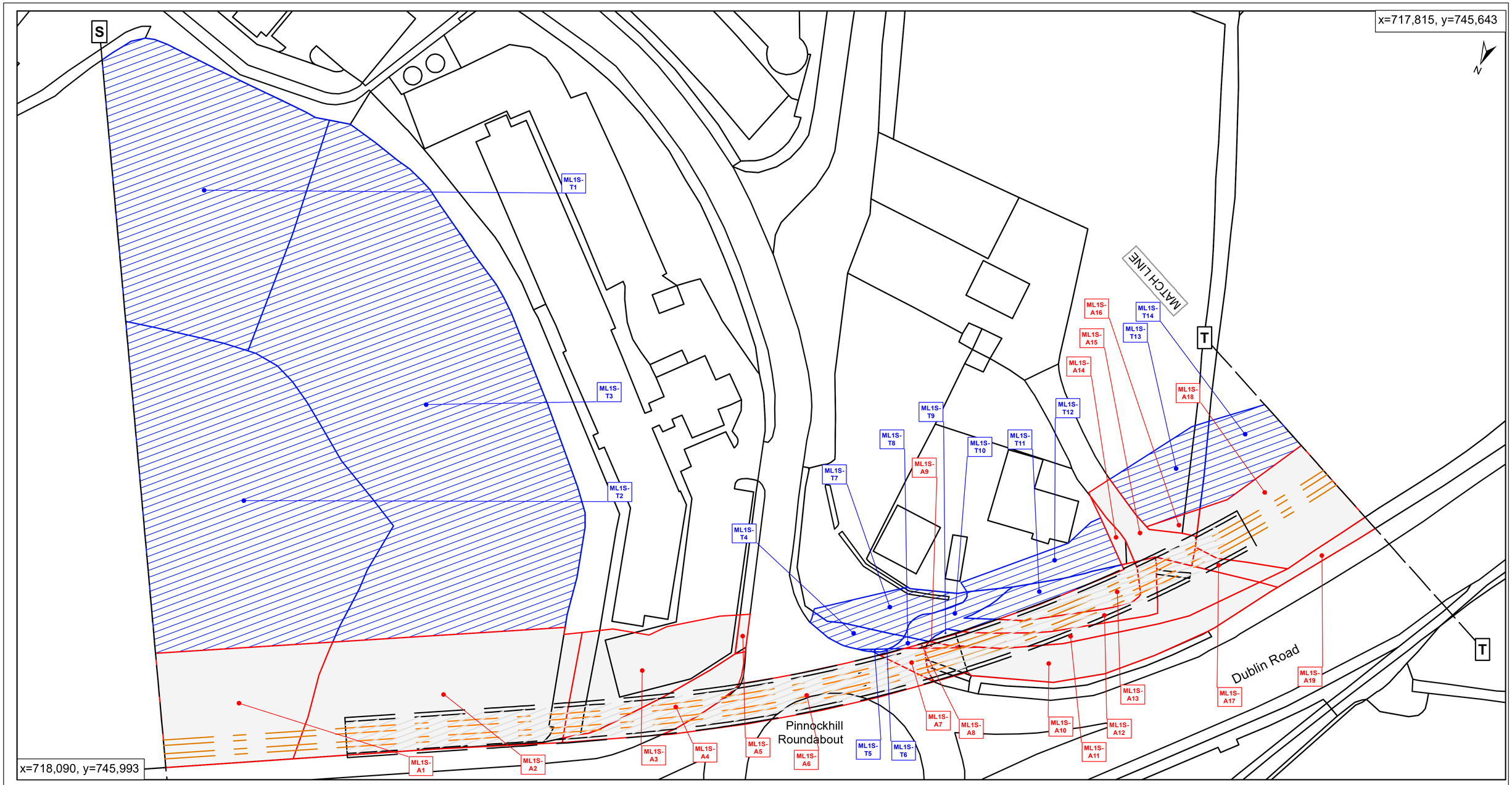
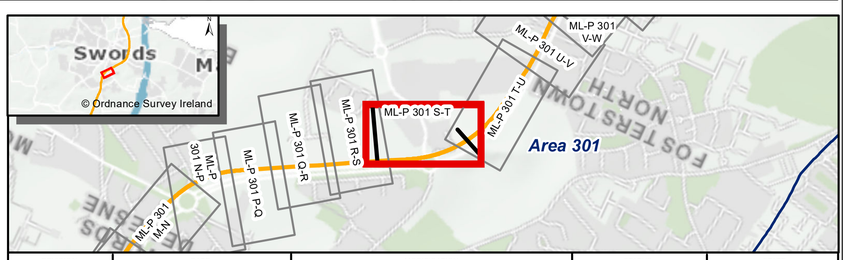


LOCATION PLAN

Map Scale: 1:1000 @ A3

DRAWING LEGEND

- LAND TAKE REFERENCE NUMBER — EXTENT OF PROPOSED ACQUISITION OF LAND
- LAND TAKE REFERENCE NUMBER — EXTENT OF PROPOSED ACQUISITION OF SUBSTRATUM LAND
- WAYLEAVE REFERENCE NUMBER — EXTENT OF WAYLEAVE / RIGHT OF WAY TO BE ACQUIRED / EXTINGUISHED
- TEMPORARY SITE REFERENCE NUMBER — EXTENT OF PROPOSED TEMPORARY SITE
- POSITION OF METRO RAIL TRACKS
- POSITION OF METRO RAIL TRACKS (UNDERGROUND)
- EXTENT OF METRO TUNNEL
- EXISTING BASEMENT REFERENCE NUMBER — EXISTING LIGHTWELL (MAY BE AFFECTED OR ACQUIRED); EXISTING BUILDING FACADE; EDGE OF EXISTING PAVEMENT; EXISTING BASEMENT BENEATH - MAY BE AFFECTED OR ACQUIRED (EXACT EXTENT OF BASEMENTS TO BE CLARIFIED)



REVISION	DATE	MODIFICATION	STATUS	STATE
P04	21/03/2024		Draft	Published

TII Bonneagar Iompair Éireann Transport Infrastructure Ireland

METROLINK

JACOBS IDOM

TITLE:

RAILWAY WORKS
METROLINK - PROPERTY DETAILS
PINNOCK HILL ROUNDABOUT

DRAWING NUMBER: ML1-JAI-BOR-ROUT_XX-DR-Y-01022

DRAWN: TW	CHECKED: MM	APPROVED: PB
SCALE: 1:1000 @ A3	REVIEWED: AS	
AREA NUMBER: 301	PLAN NUMBER: ML-P 301 S-T	SUBJECT: PROPERTY

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x=717,833, y=745,409

Airside Shopping Centre

Shopping Centre

N

MATCH LINE

ML1T-A2.2

ML1T-A3

ML1T-T3

ML1T-A4

ML1T-A6.1

ML1T-W2

ALSO PROPOSED AS PART OF TEMPORARY SITE

ML1T-T1

ML1T-A2.1

ML1T-A7

ML1T-W3

ALSO PROPOSED AS PART OF TEMPORARY SITE

T

U

ML1T-A1

MATCH LINE

Dublin Road

ML1T-A6.2

ML1T-T2

ALSO PROPOSED AS PART OF TEMPORARY SITE

ML1T-W1

Boroimhe Willows

U

MATCH LINE

x=717,667, y=745,822

LOCATION PLAN

Map Scale: 1:1000 @ A3

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DRAWING LEGEND

- LAND TAKE REFERENCE NUMBER — EXTENT OF PROPOSED ACQUISITION OF LAND
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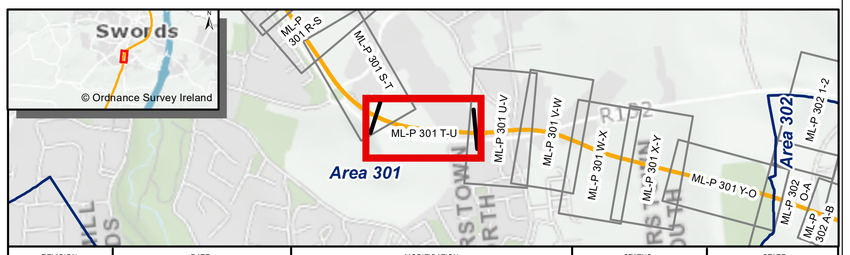
- EXISTING BASEMENT REFERENCE NUMBER — EXISTING LIGHTWELL (MAY BE AFFECTED OR ACQUIRED); EXISTING BUILDING FACADE; EDGE OF EXISTING PAVEMENT
- EXISTING BASEMENT BENEATH - MAY BE AFFECTED OR ACQUIRED (EXACT EXTENT OF BASEMENTS TO BE CLARIFIED)



REVISION	DATE	MODIFICATION	STATUS	STATE
P04	14/03/2024		Draft	Published

TII Bonneagar Iompair Eireann / Transport Infrastructure Ireland — METROLINK — JACOBS IDOM

TITLE:

RAILWAY WORKS
METROLINK - PROPERTY DETAILS
AIRSIDE SHOPPING CENTRE (SHEET 1 OF 2)

DRAWING NUMBER: ML1-JAI-BOR-ROUT_XX-DR-Y-01023		
DRAWN: TW	CHECKED: MM	APPROVED: PB
SCALE: 1:1000 @ A3	REVIEWED: AS	
AREA NUMBER: 301	PLAN NUMBER: ML-P 301 T-U	SUBJECT: PROPERTY

x=719,868, y=734,350

x=712,365, y=730,792

LOCATION PLAN

Map Scale: 1:1000 @ A3

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DRAWING LEGEND

- LAND TAKE REFERENCE NUMBER — EXTENT OF PROPOSED ACQUISITION OF LAND
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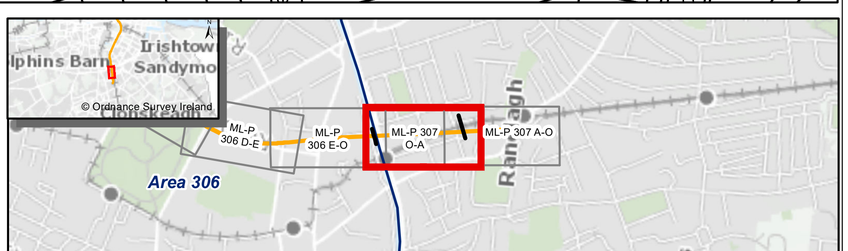

REVISION	DATE	MODIFICATION	STATUS	STATE
WORKING	21/03/2024		Draft	Published

TII Bonneagar Iompair Eireann Ireland's Transport Network

METROLINK

JACOBS IDOM

TITLE:

RAILWAY WORKS
METROLINK - PROPERTY DETAILS
GRAND PARADE TO NORTHBROOK ROAD

DRAWING NUMBER: ML1-JAI-BOR-ROUT_XX-DR-Y-01098		
DRAWN: TW	CHECKED: MM	APPROVED: PB
SCALE: 1:1000 @ A3	REVIEWED: AS	
AREA NUMBER: 307	PLAN NUMBER: ML-P 307 O-A	SUBJECT: PROPERTY