



ESTUARY  
Park & Ride

SEATOWN

SWORDS CENTRAL

FOSTERSTOWN

DUBLIN AIRPORT

DARDISTOWN

NORTHWOOD

BALLYMUN

COLLINS AVENUE

GRIFFITH PARK

GLASNEVIN

MATER

O'CONNELL STREET

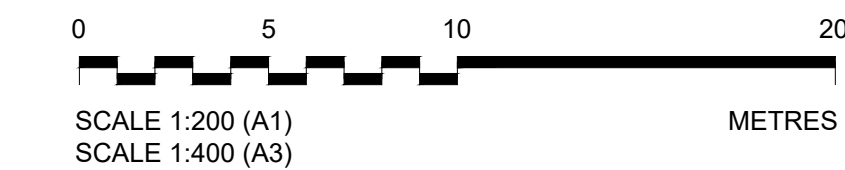
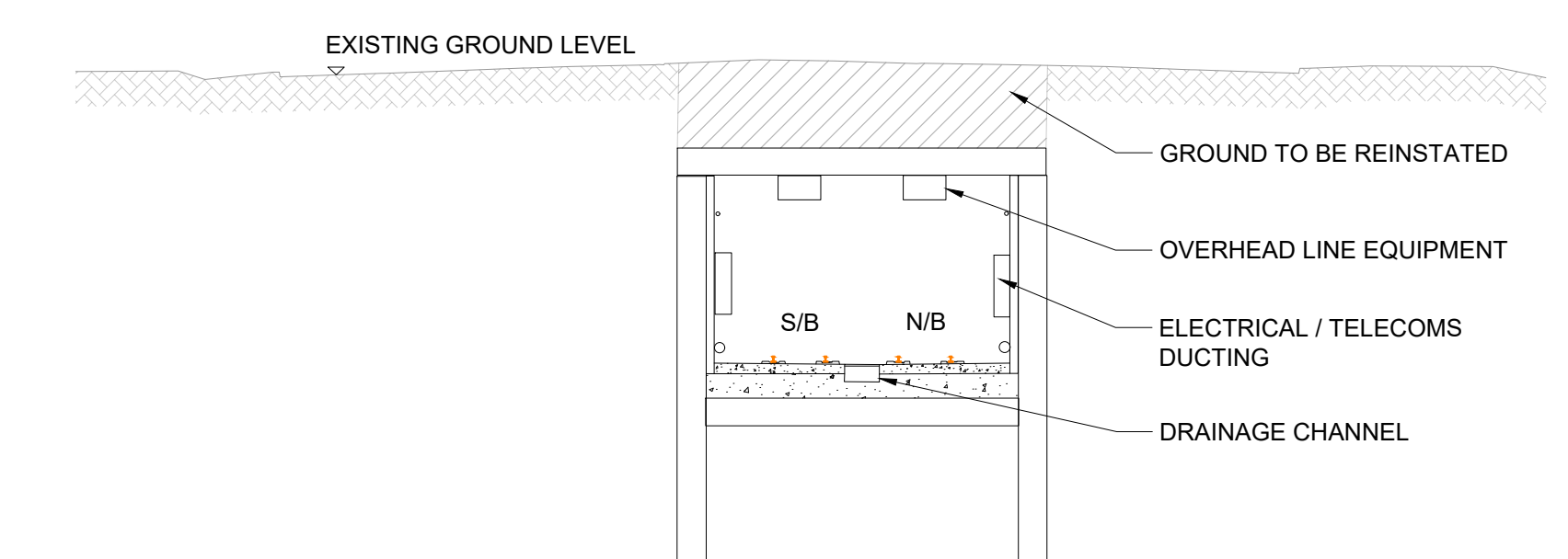
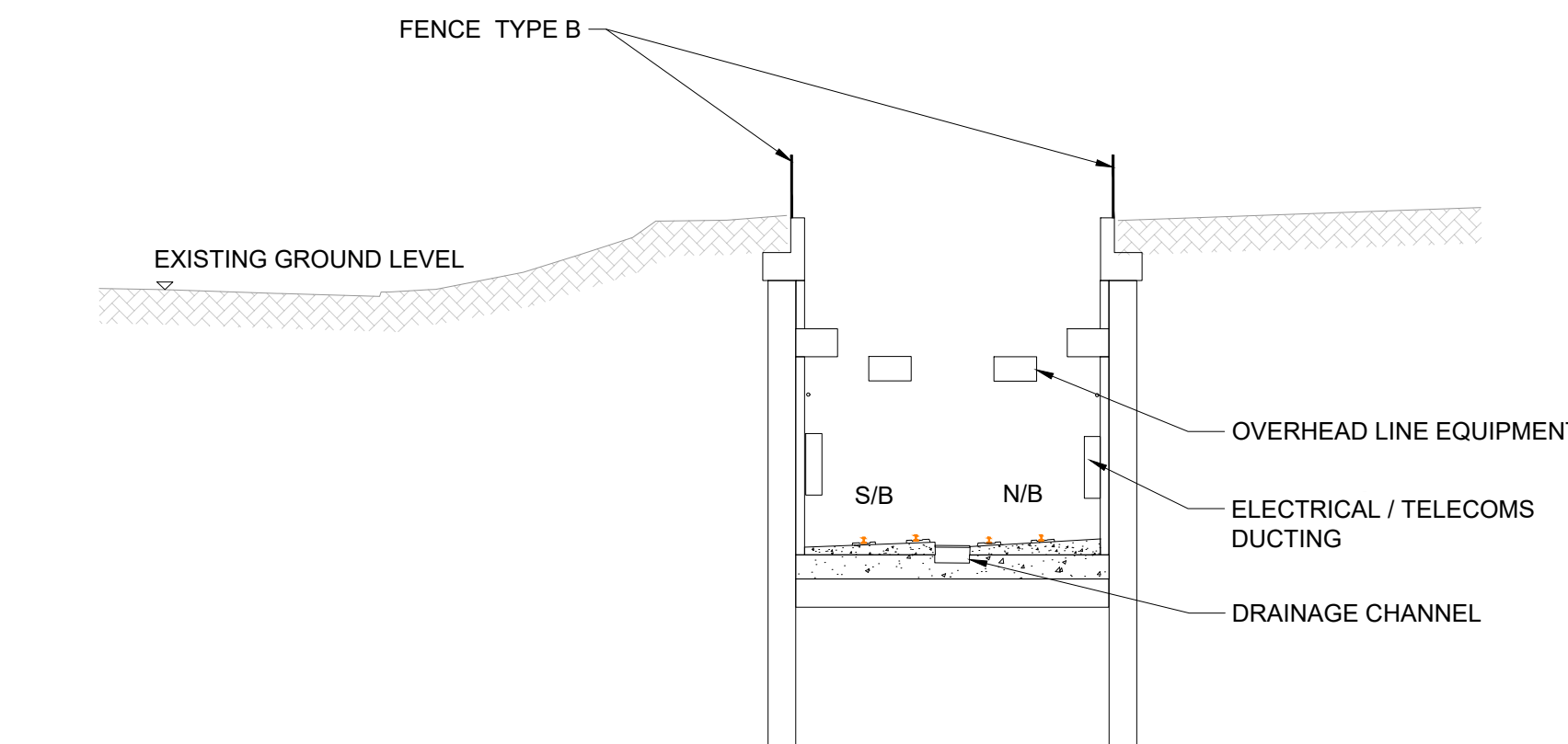
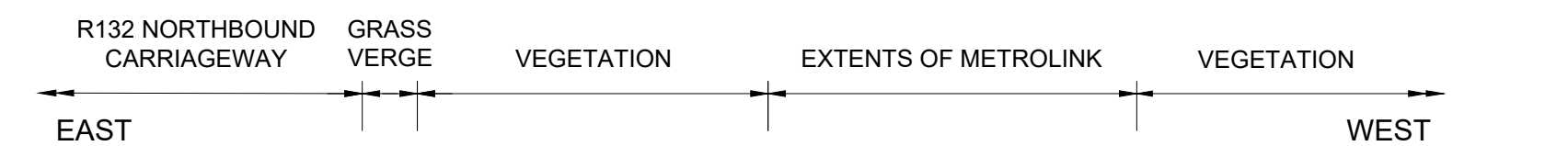
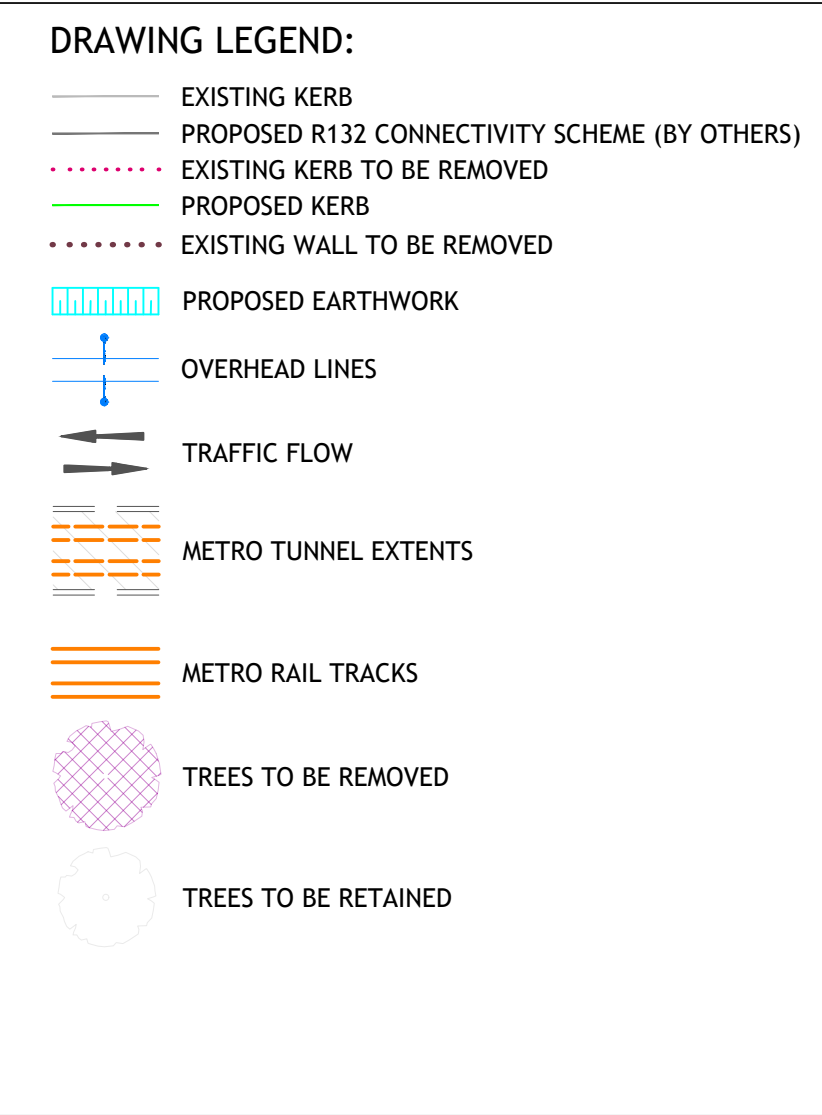
TARA

ST STEPHEN'S GREEN

CHARLEMONT

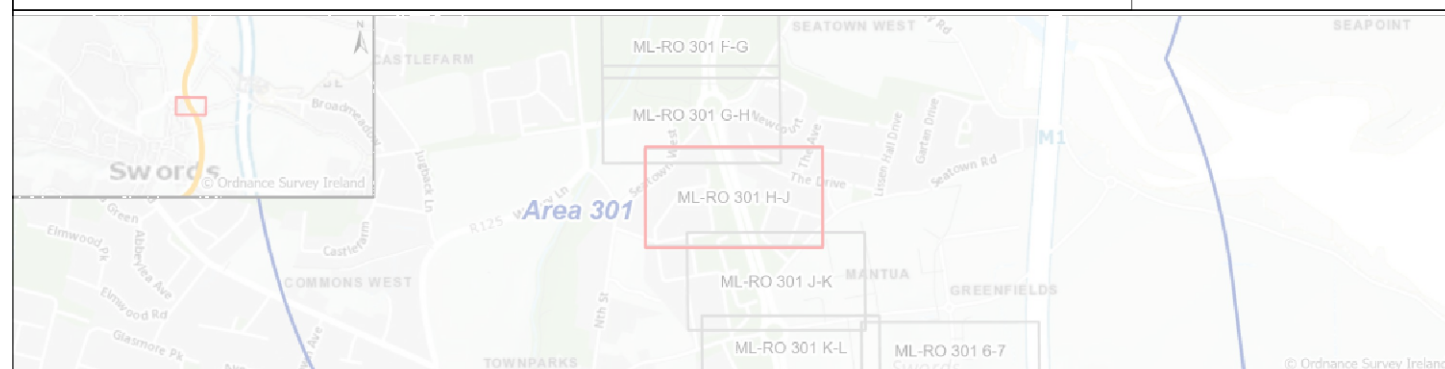
### Estuary to Charlemont Book of Updated Railway Order Drawings





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

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



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		OO	MM	MM	PB
P05.1	20/10/23					
REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
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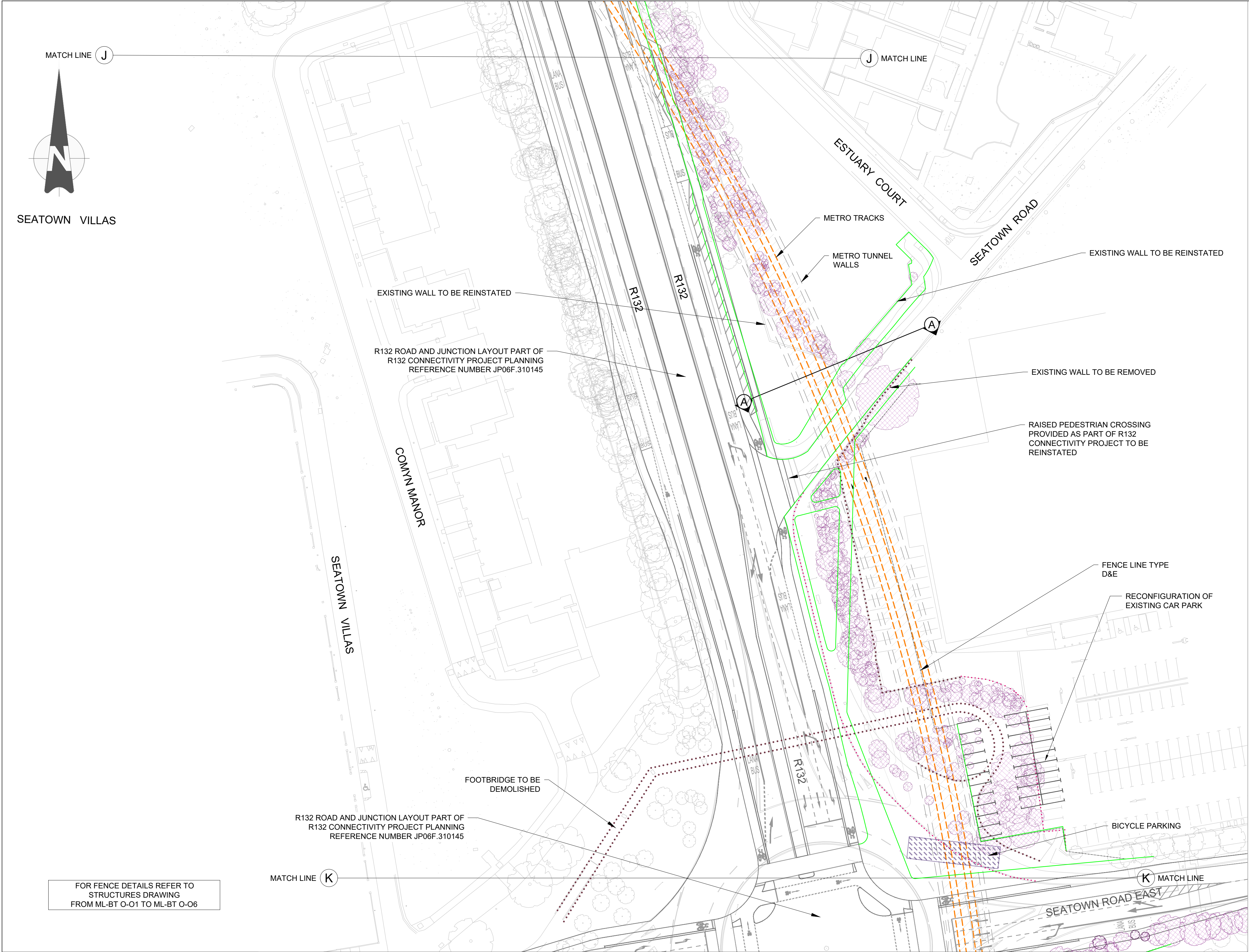
Client **TII** **NTA**

Project **METROLINK**

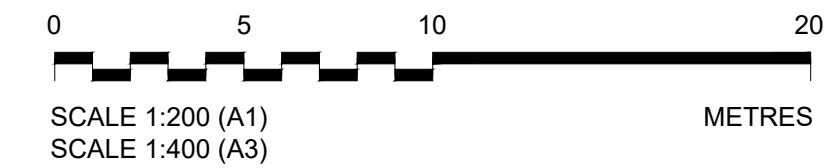
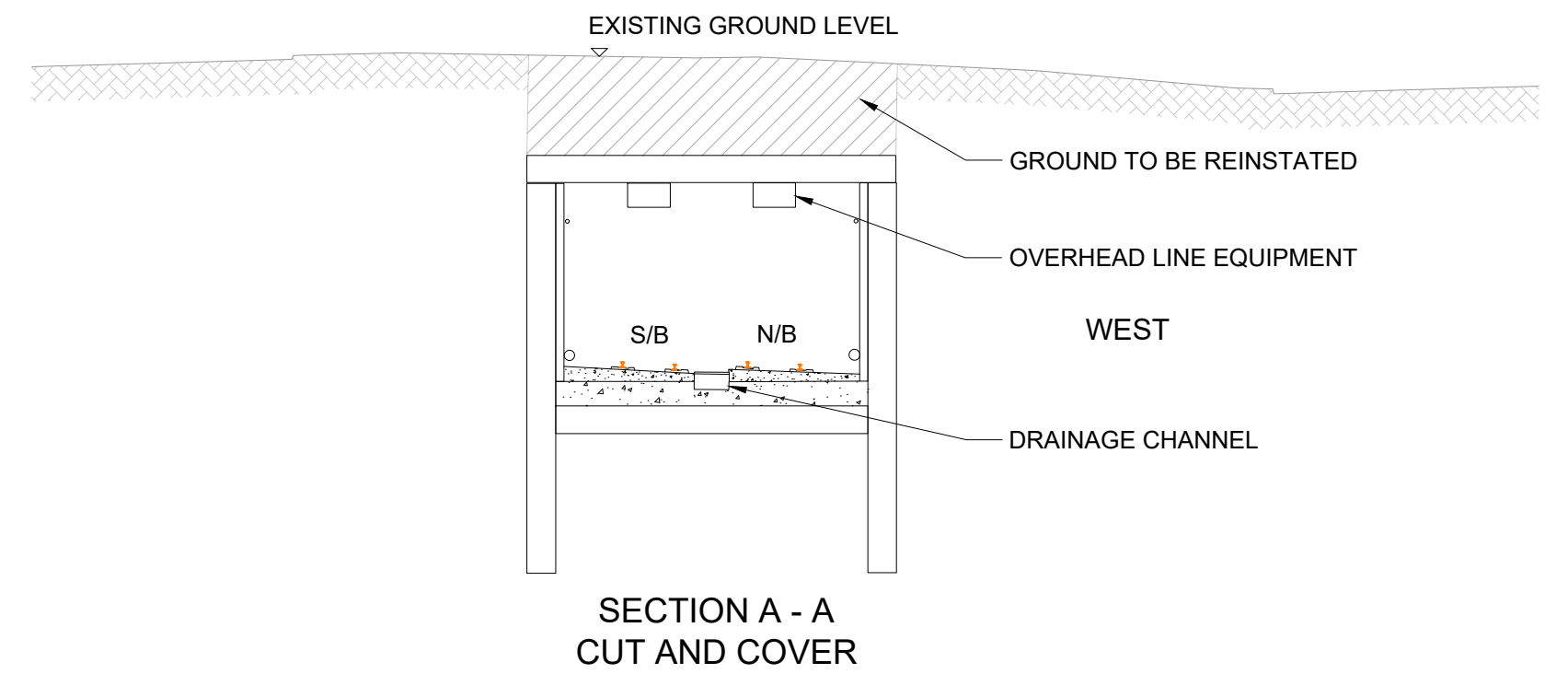
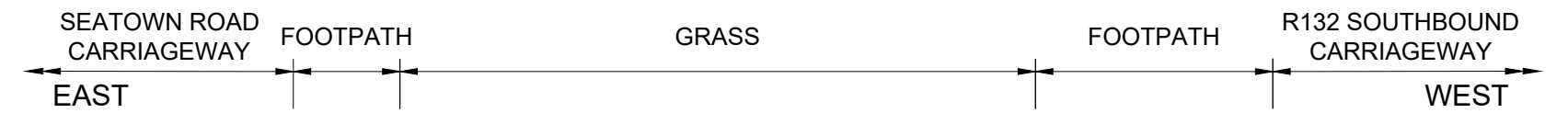
Consultant **JACOBS** **IDOM**

Drawing Title	METROLINK - GENERAL ARRANGEMENT SEATOWN (SHEET 1 OF 3)		Drawing Status	S1
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Scales Original Size A1	AS SHOWN	Sheet	1	of 1

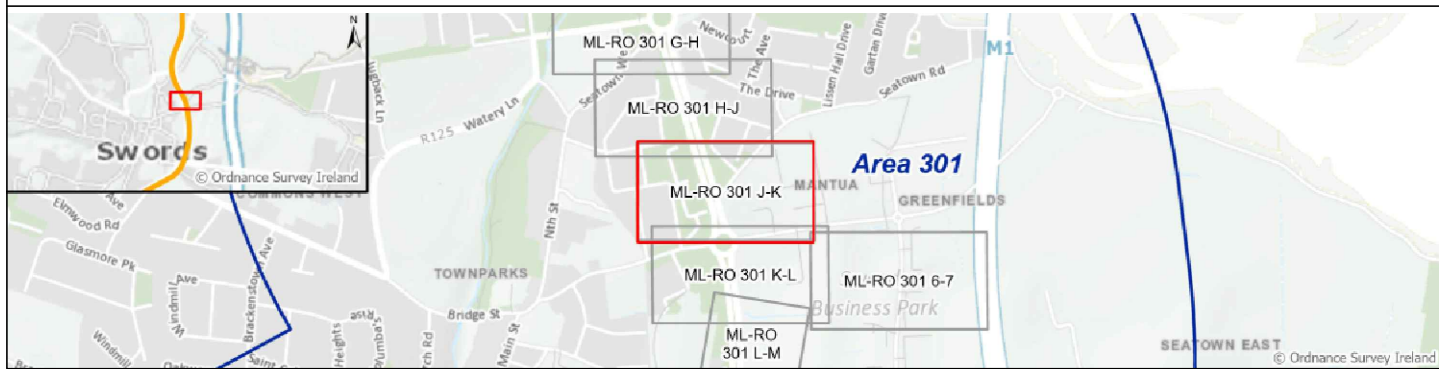




DRAWING LEGEND:	
	EXISTING KERB
	PROPOSED R132 CONNECTIVITY SCHEME (BY OTHERS)
	EXISTING KERB TO BE REMOVED
	PROPOSED KERB
	EXISTING WALL TO BE REMOVED
	PROPOSED EARTHWORK
	OVERHEAD LINES
	TRAFFIC FLOW
	METRO TUNNEL EXTENTS
	METRO RAIL TRACKS
	TREES TO BE REMOVED
	TREES TO BE RETAINED



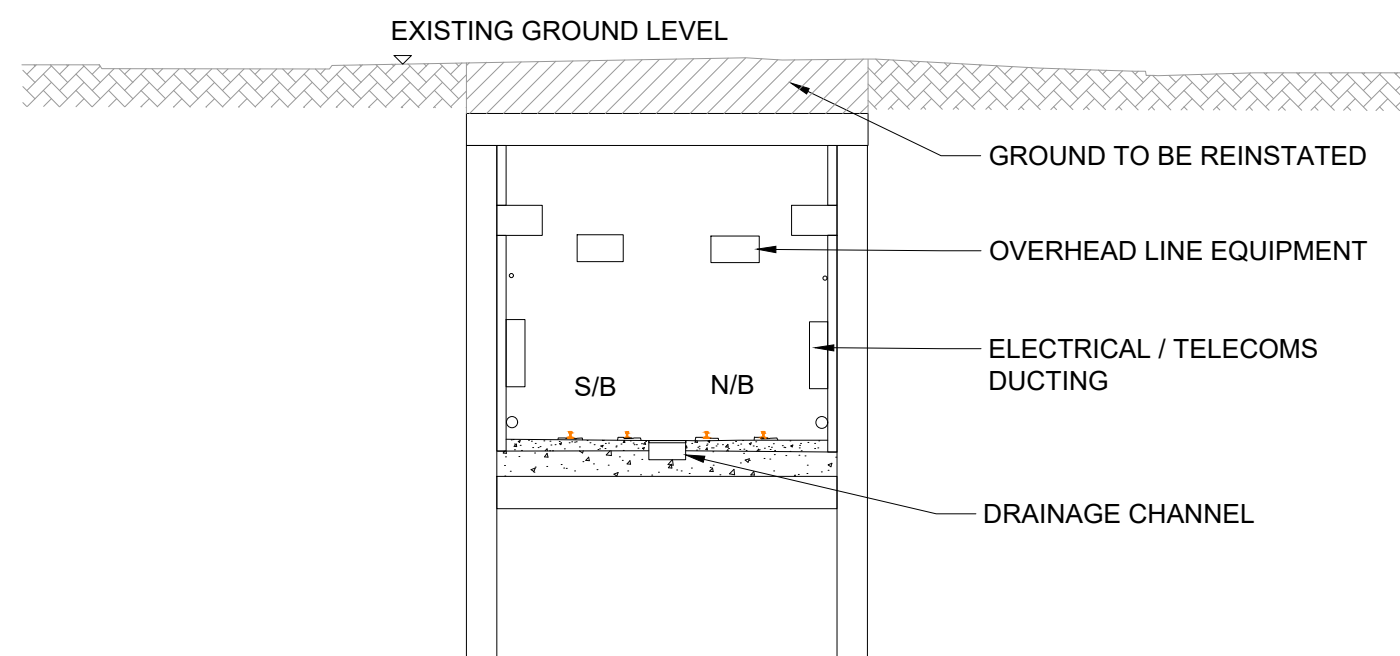
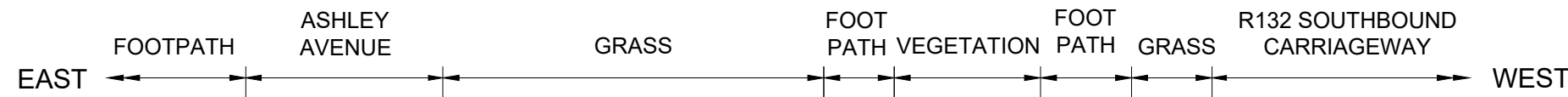
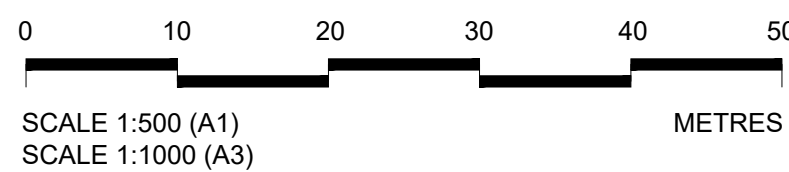
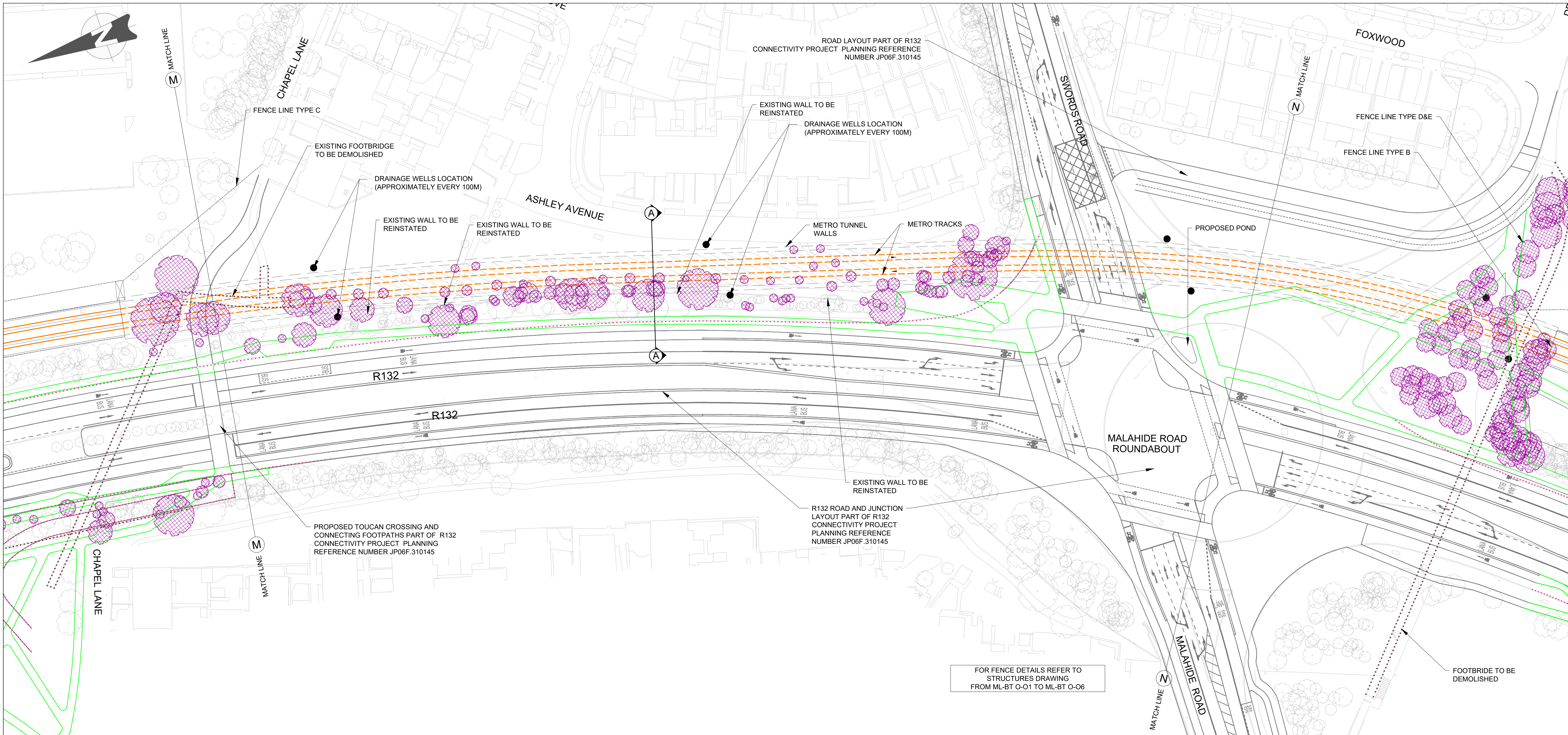
- NOTES:
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  - FOR DETAILS OF UTILITIES SEE BOOK OF UTILITIES DRAWINGS (DRAWINGS COMMENCING ML UC) AND BOOK OF SURFACE WATER DRAWINGS (DRAWINGS COMMENCING ML UN)



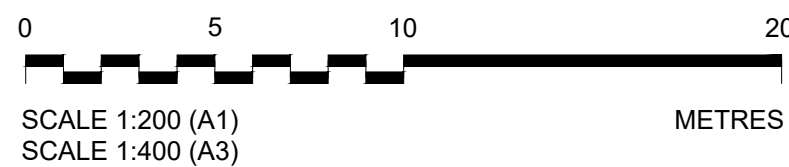
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P04	18/08/22	For Railway Order	OO	MM	MM	PB
P05	07/09/22		MM	AS	AS	PB
PROJ	09/09/22	For Railway Order	MM	AS	AS	PB
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Client		Project		Drawing Title	METROLINK - GENERAL ARRANGEMENT SEATOWN (SHEET 2 OF 3)	Drawing Status	S0
Consultant			Drawing N°	ML1-JAI-ARD-ROUT_XX-DR-Y-03013	Plan Drawing N°	ML-RO 301 J-K	
Scales Original Size A1 AS SHOWN				Sheet 1 of 1			





SECTION A - A  
CUT AND COVER

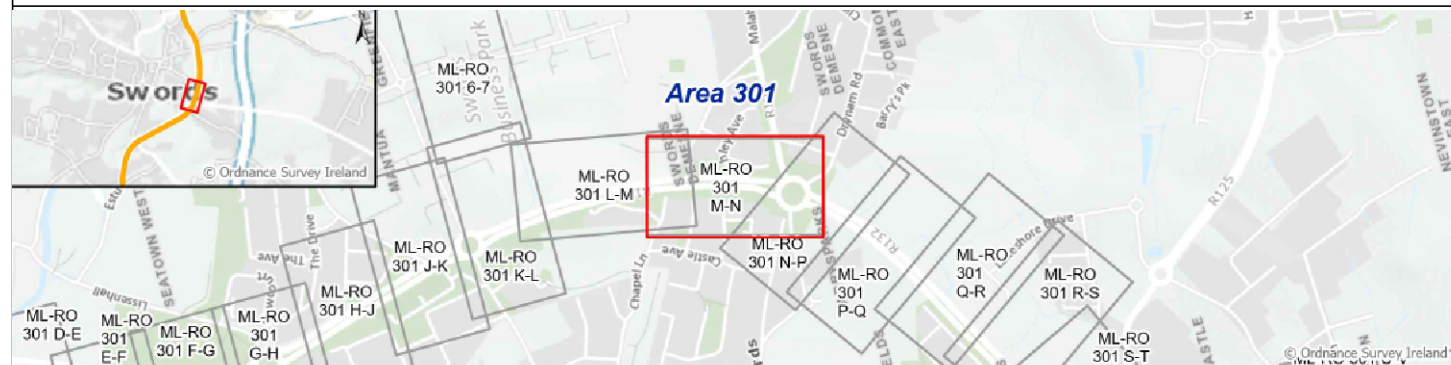


DRAWING LEGEND:

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

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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
P06.1	20/10/23					
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Client



Project



Consultant



Drawing Title			METROLINK - GENERAL ARRANGEMENT SWORDS DEMESNE (SHEET 2 OF 2)			Drawing Status		
						S1		
Drawing N°			Plan Drawing N°					
ML1-JAI-ARD-ROUT_XX-DR-Y-03017			ML-RO 301 M-N					
Scales Original Size A1 AS SHOWN					Sheet 1 of 1			





LEGEND

Proposed Tree Planting

18-20cm 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

Arboreal Grass seeding on min. 225mm approved topsoil

Refer to planting schedule

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 boundaries slopes and embankments

Bark Mulch Safety Surfacing

To formal playground

Resin bound gravel

Buff coloured

To bicycle parking

Compacted gravel path

Buff coloured 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




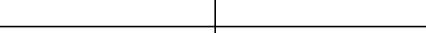

Spot level

±0.100

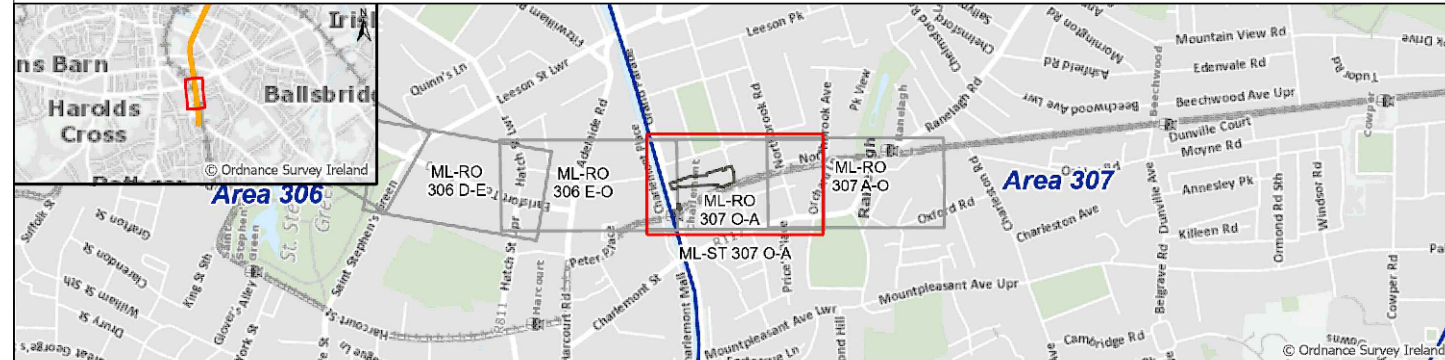
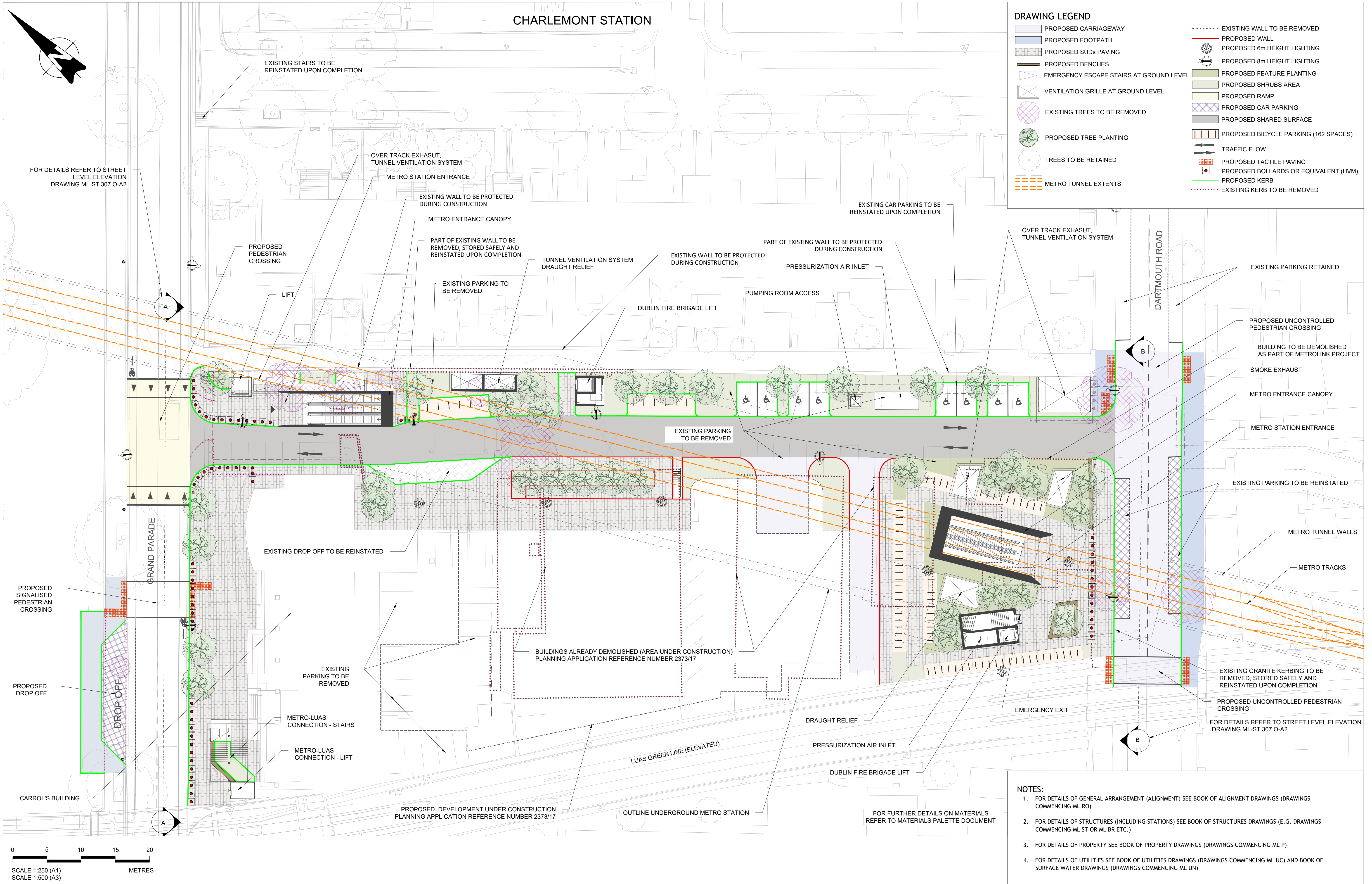
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	P03	29/03/23		FP	MM	MM	PB			
	P02	26/08/22		FP	MM	MM	PB			
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Client	 		Project		Drawing Title		Estuary – Seatown Landscape Layout Preliminary Design Issue		Drawing Status	
									S4	
	Consultant		 		Drawing N°		ML1-JAI-ARL-SC01_XX-DR-Y-00003			
Scales Original Size A1 1:1000					Sheet 3 of 3					





Key Plan	P04	30/01/2024		FP	MM	FP	PB	Client <div><div></div><div></div></div>	Project <div></div>	Drawing Title <div>Seaton - Swords Central Landscape Layout Preliminary Design Issue</div>	Drawing Status <div>S4</div>
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	P03	29/03/23		FP	MM	MM	PB				
	P02	26/08/22		FP	MM	MM	PB				
	REV.	DATE	Description	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY				
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Scales Original Size A1 1:1000										Sheet 1 of 1	

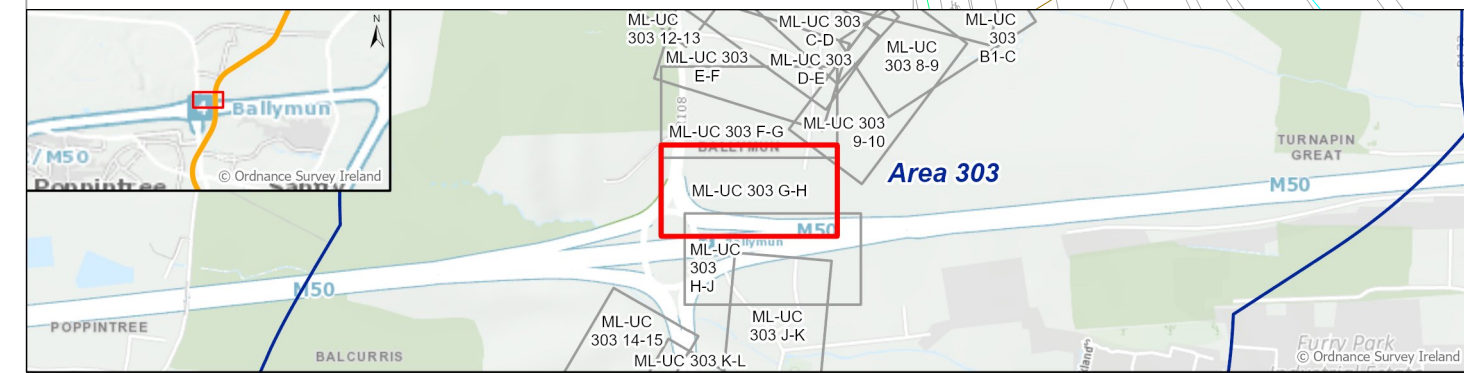
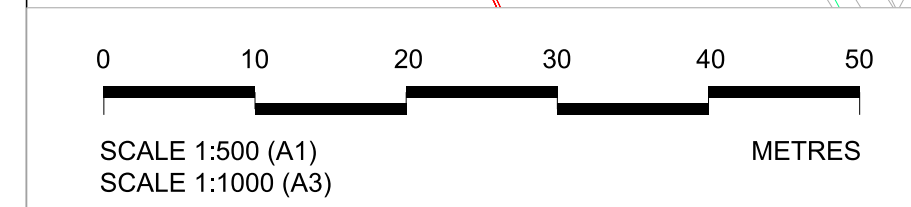
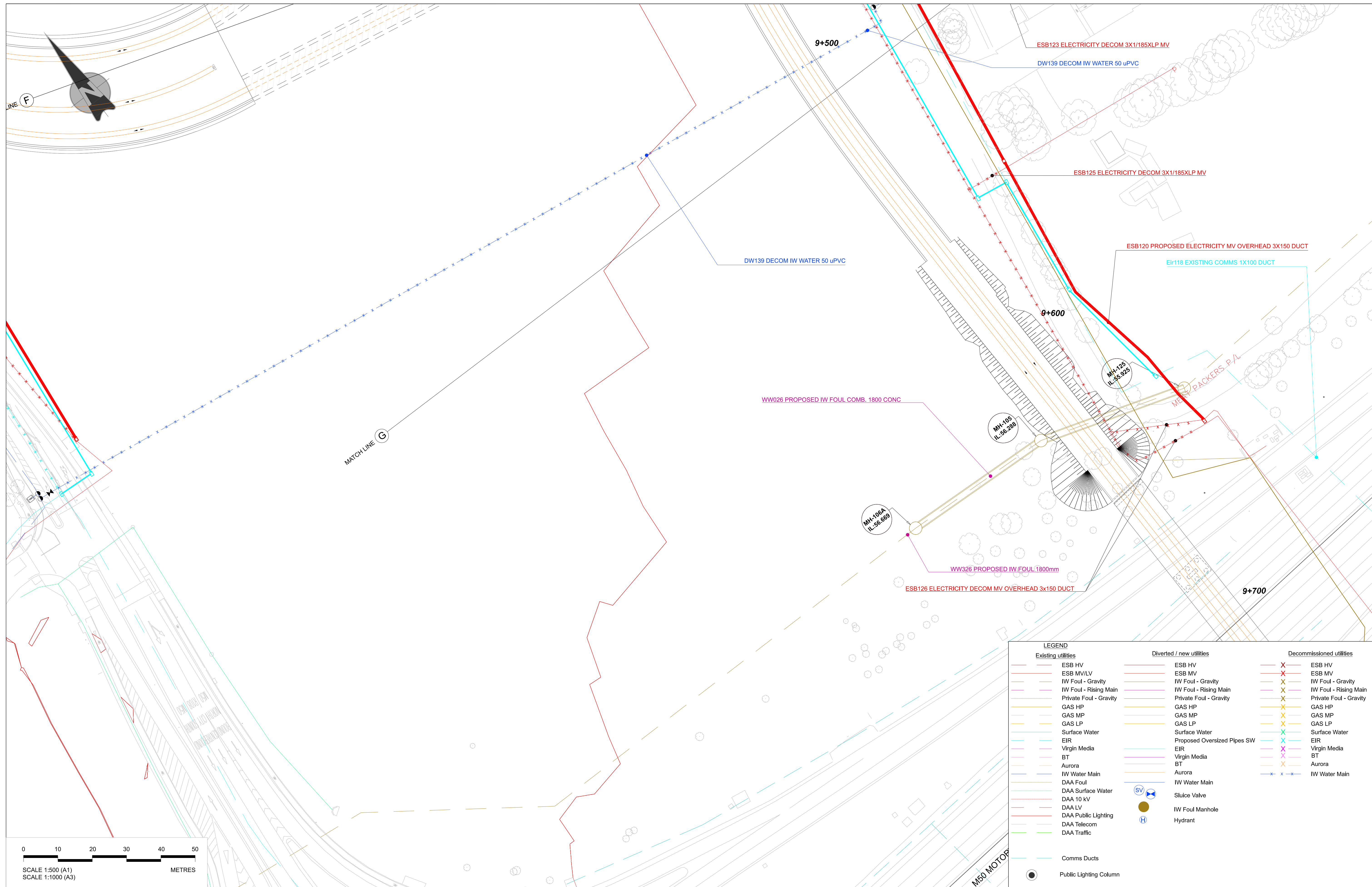




P05	23/08/22	FOR RAILWAY ORDER	OO	MM	MM	PB
P06	07/09/22	For Railway Order	MM	AS	AS	PB
P07	09/09/22	For Railway Order	MM	AS	AS	PB
P08.1	29/01/24	FOR RAILWAY ORDER	REV.	DATE	DESCRIPTION	
DRAWN BY CHECKED BY REVIEWED BY APPROVED BY						
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Client	Project	Drawing Title	Drawing Status
TII NTA	METROLINK	METROLINK - STRUCTURES CHARLEMONT STATION PROPOSED STREET LEVEL DESIGN	S0
Consultant	JACOBS IDOM	Drawing N° ML1-JAI-SRD-ROUT_XX-DR-Z-02090	Plan Drawing N° ML-ST 307 O-A1
Scales Original Size A1 1:250		Sheet 1 of 6	



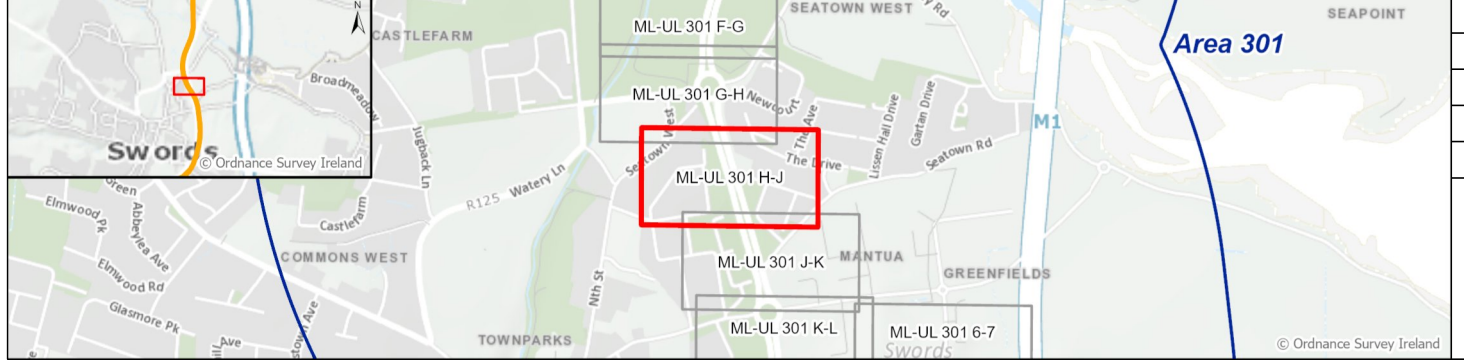


P03	29/07/22	FOR RAILWAY ORDER		KP	DS	DS	PB
P04	13/04/23	Preliminary Design		BM	DS	DS	PB
P05	10/10/23	GDD5 alignment updated as per drawing ref 7556-2102 rev D02 received from IW		BM	DS	DS	PB
P06	11/10/23	GDD5 alignment updated as per drawing ref 7556-2102 rev D02 received from IW		BM	DS	DS	PB
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<p>Consultant</p> <div data-bbox="1611 1911 1804 1927"> </div>	

Drawing Title		METRO LINK - UTILITY DIVERSION BALLYMUN (SHEET 7 OF 11)		Drawing Status	
				S4	
Drawing N°			Plan Drawing N°		
ML1-JAI-URD-SC01_XX-DR-Y-01050			ML-UC 303 G- H		
Scales Original Size A1 1:500				Sheet 7 of 11	





P02	17/04/23	Preliminary Design	BM	DS	DS	PB
P03	26/01/24	For Railway Order Issue	MP	DS	DS	AS
P04	31/01/24	For Railway Order Issue	MP	DS	DS	AS
P05	08/02/24	For Railway Order Issue	MP	DS	DS	AS
REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
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Client



Project

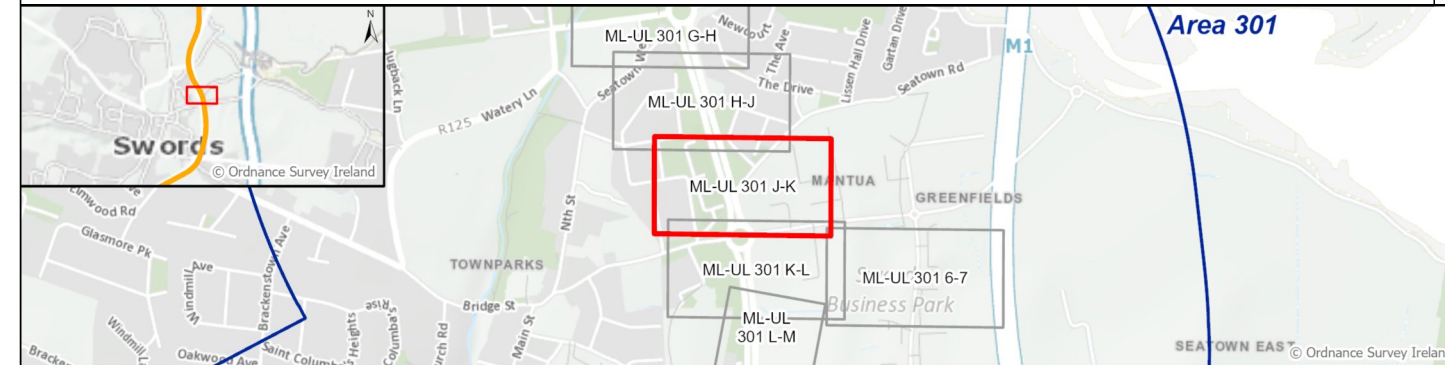


Consultant








Drawing Title	METROLINK - PROPOSED SURFACE DRAINAGE SEATOWN (SHEET 1 OF 3)		Drawing Status	S4
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Scales Original Size A1	1:500	Sheet	1	of 3

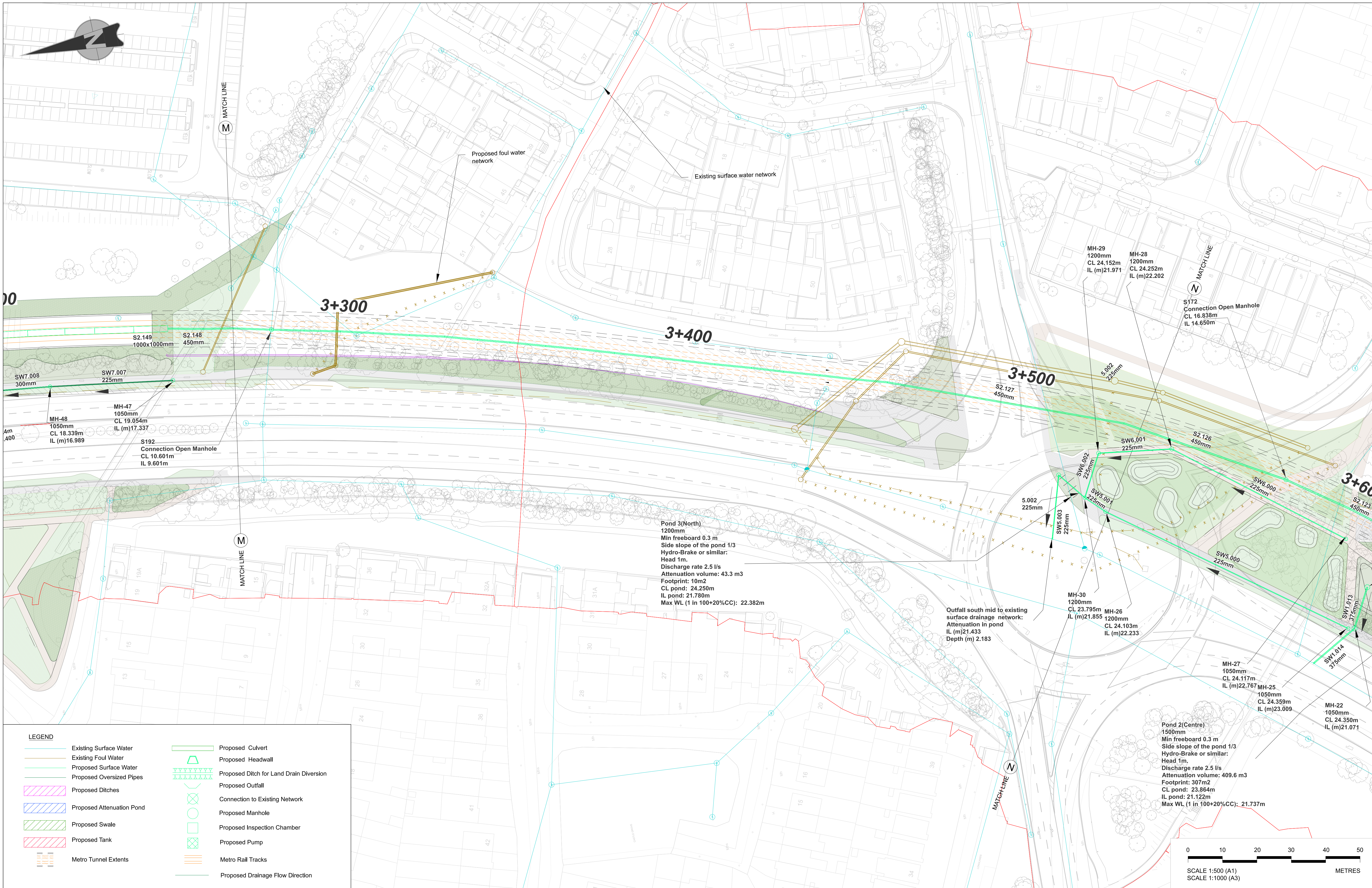




P02	17/04/23	Preliminary Design	BM	DS	DS	PB
P03	26/01/24	For Railway Order Issue	MP	DS	DS	AS
P04	31/01/24	For Railway Order Issue	MP	DS	DS	AS
P05	08/02/24	For Railway Order Issue	MP	DS	DS	AS
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Client	Project	Drawing Title		
 Transport Infrastructure Ireland	 Udarás Náisiúnta Iompar National Transport Authority		METROLINK - PROPOSED SURFACE DRAINAGE SEATOWN (SHEET 2 OF 3)	
Consultant		Drawing N°	Plan Drawing N°	S4
 JACOBS	 IDOM	ML1-JAI-URD-ROUT_XX-DR-Y-02013	ML-UL 301 J-K	
Scales Original Size A1 1:500		Sheet 2 of 3		





**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

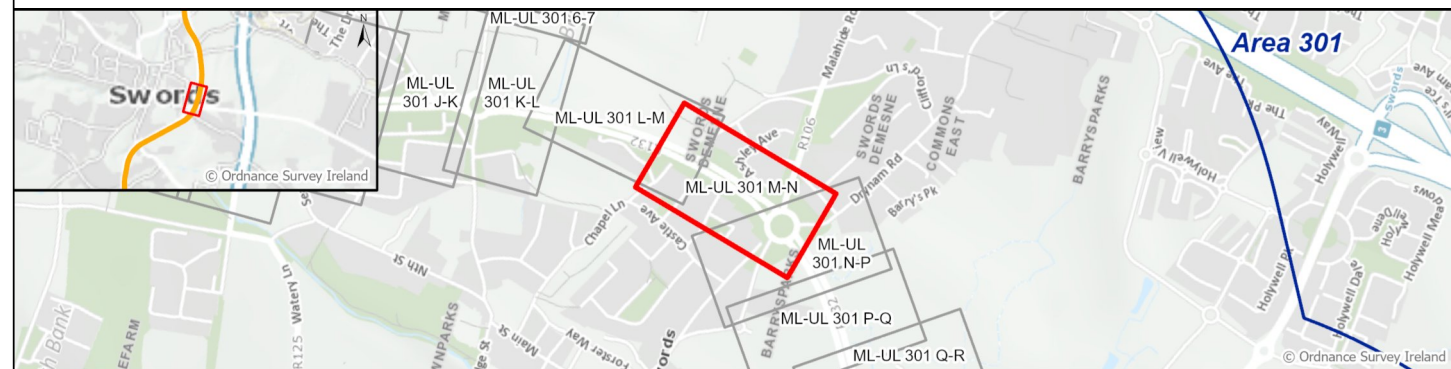
Proposed Manhole

Proposed Inspection Chamber

Proposed Pump



Metro Rail Tracks

Proposed Drainage Flow Direction





P01	14/02/22	PRELIMINARY DESIGN ISSUE	BD	DS	DS	NC
P02	17/04/23	Preliminary Design	BM	DS	DS	PB
P03	26/01/24	For Railway Order Issue	MP	DS	DS	AS
P04	08/02/24	For Railway Order Issue	MP	DS	DS	AS
REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY
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Client



Consultant



Project



Drawing Title

METROLINK - PROPOSED SURFACE DRAINAGE  
SWORDS DEMESNE (SHEET 2 OF 2)

Drawing N°

ML1-JAI-URD-ROUT\_XX-DR-Y-02017

Plan Drawing N°

ML-UL 301 M-N

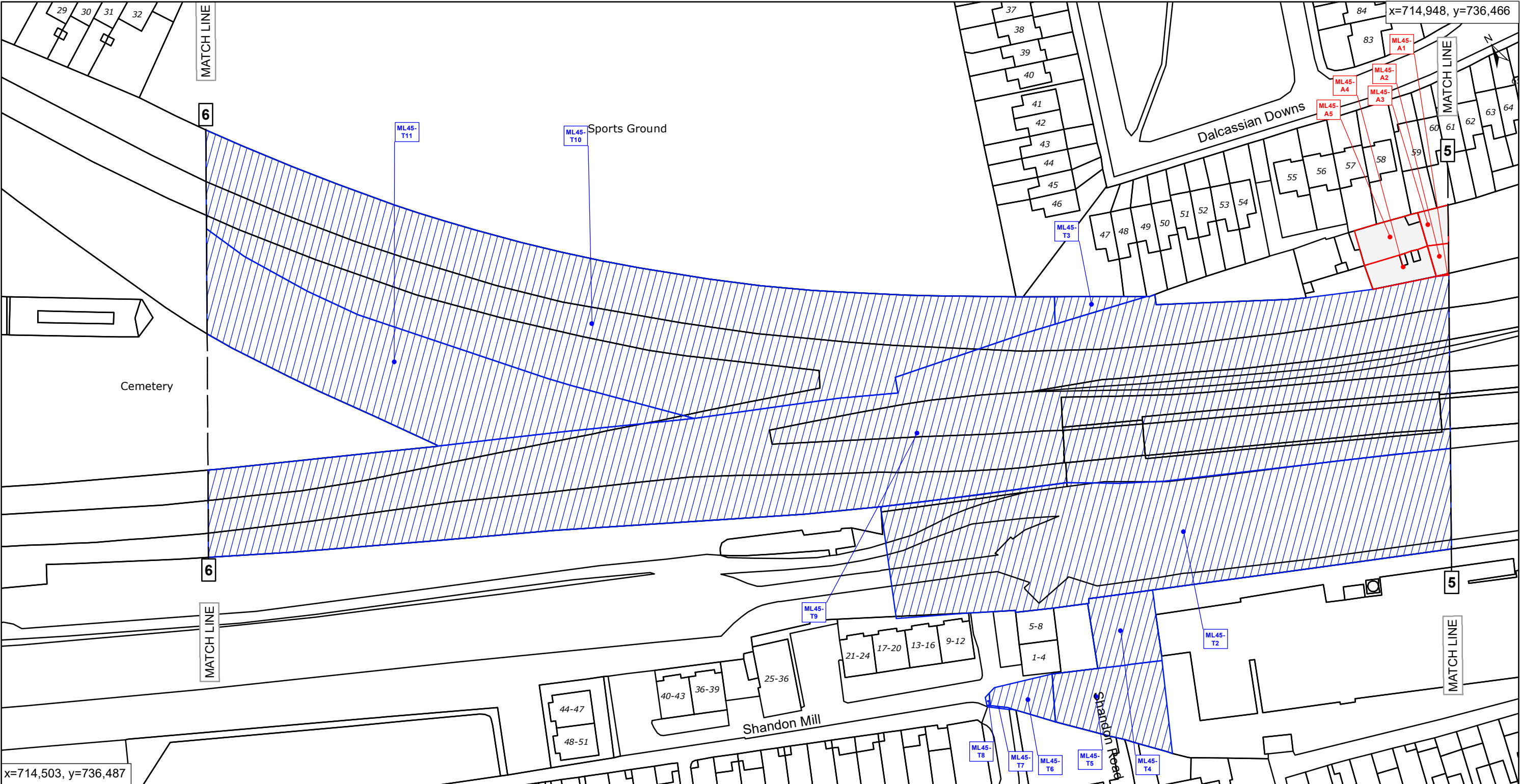
Scales Original Size A1 1:500

Sheet 2 of 2

Drawing Status

S4





LOCATION PLAN

Map Scale: 1:1000 @ A3

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**DRAWING LEGEND**

**LAND TAKE REFERENCE NUMBER**

**EXTENT OF PROPOSED ACQUISITION OF LAND**

**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)**

Area 304

Area 305

REVISION	DATE	MODIFICATION	STATUS	STATE
WORKING	13/02/2024		Draft	Published

TITLE:

RAILWAY WORKS

METROLINK - PROPERTY DETAILS

ROYAL CANAL WAY (SHEET 1 OF 4)

DRAWING NUMBER:	ML1-JAI-BOR-ROUT_XX-DR-Y01080		
DRAWN: TW	CHECKED: MM	APPROVED: PB	
SCALE: 1:1000 @ A3	REVIEWED: AS		
AREA NUMBER:	PLAN NUMBER:	SUBJECT:	
304	ML-P 304 5-6	PROPERTY	