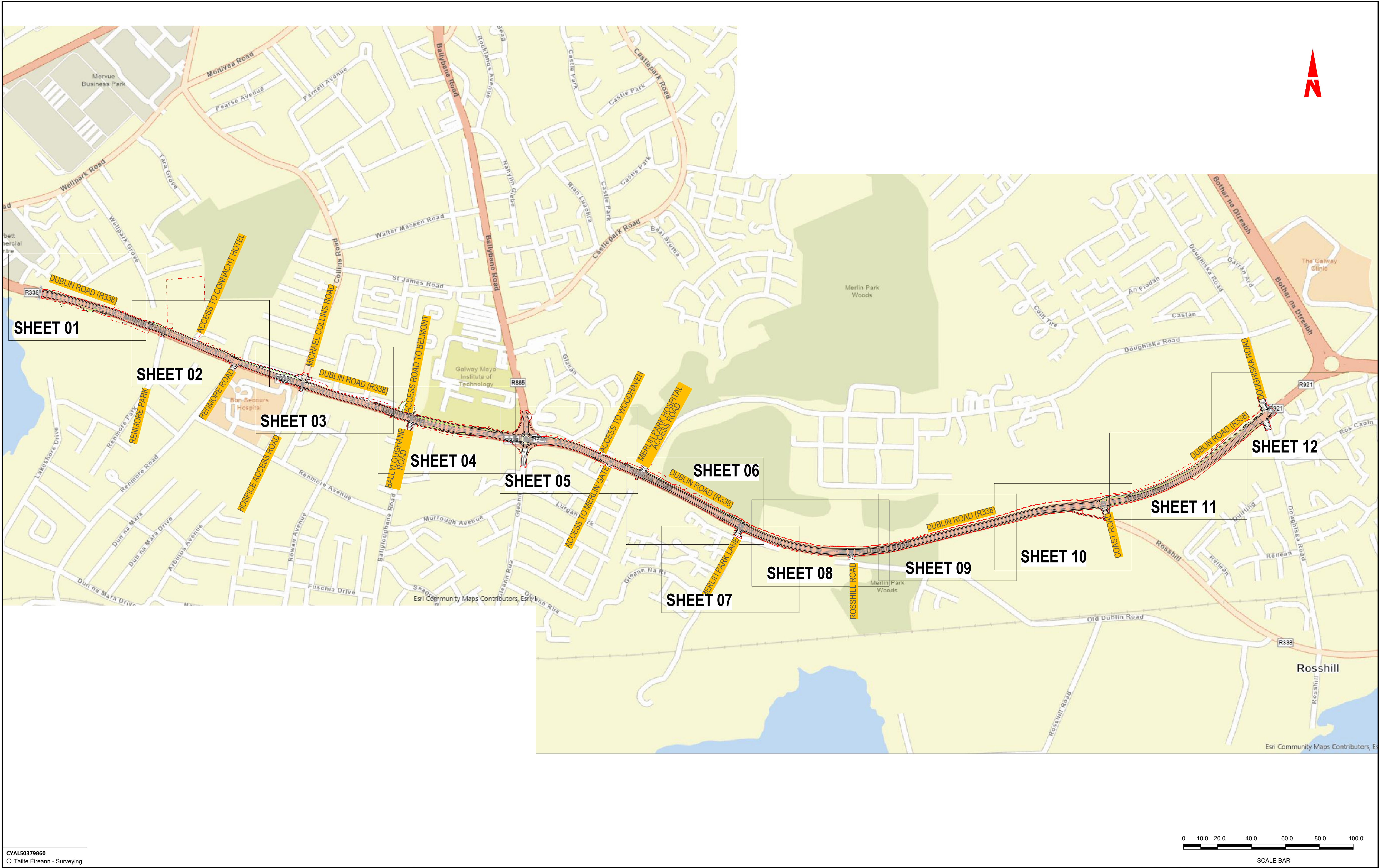


Drainage





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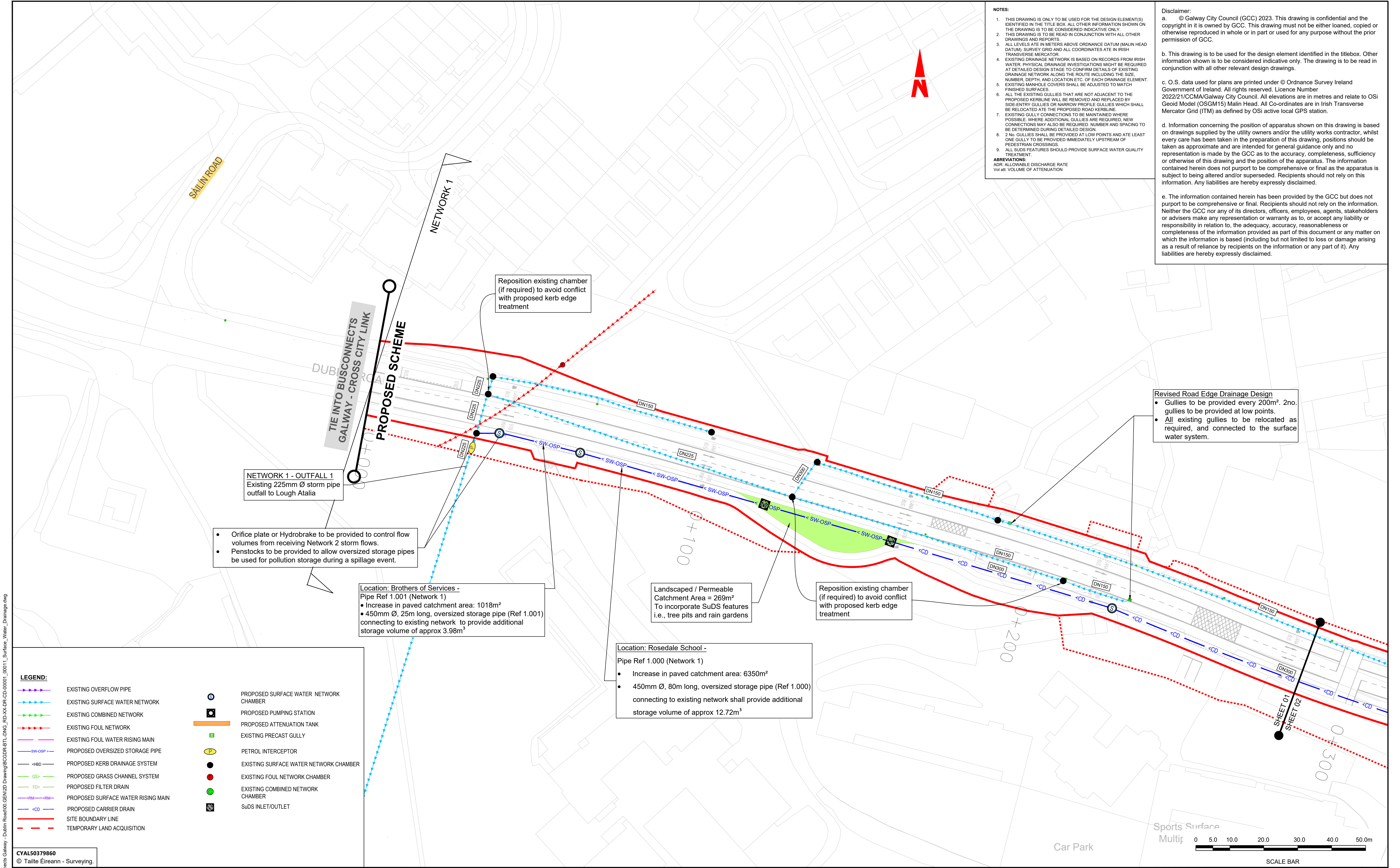


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Rev.	Date	Drawn	Description	Chk'd	Appr.
001	06.12.24	GW	ISSUE FOR PLANNING	JH	JN

Project Title: BUSCONNECTS GALWAY : DUBLIN ROAD		Status: A1
Drawing Title: PROPOSED SURFACE WATER DRAINAGE NETWORKS KEY PLAN SHEET 01 OF 01		
Designed: GW	Drawing No. BCGDR-BTL-DNG_RD-XX-DR-CD-00000	Rev: C01
Drawn: GW	Scale at A1: 1:5000	
Approved: JN	Date: OCTOBER 2024	
Reviewed: JN		

File Name: R:\22 Projects\22407 - BusConnects Galway - Dublin Road\00_Geometry\02_Drawing\BCDR-BTL-DNG_RD-XX-DR-CD-00001_00011_Surface_Water_Drainage.dwg



NOTES:

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- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND REPORTS.
- ALL LEVELS ARE IN METERS ABOVE ORDNANCE DATUM (MALIN HEAD DATUM). SURVEY GRID AND ALL COORDINATES ARE IN IRISH TRANSVERSE MERCATOR.
- EXISTING DRAINAGE NETWORK IS BASED ON RECORDS FROM IRISH WATER. PHYSICAL DRAINAGE INVESTIGATIONS MIGHT BE REQUIRED AT DETAILED DESIGN STAGE TO CONFIRM DETAILS OF EXISTING DRAINAGE NETWORK ALONG THE ROUTE INCLUDING THE SIZE, NUMBER, DEPTH, AND LOCATION ETC. OF EACH DRAINAGE ELEMENT.
- EXISTING MANHOLE COVERS SHALL BE ADJUSTED TO MATCH FINISHED SURFACES.
- ALL THE EXISTING GULLIES THAT ARE NOT ADJACENT TO THE PROPOSED KERBLINE WILL BE REMOVED AND REPLACED BY SIDE-ENTRY GULLIES OR NARROW PROFILE GULLIES WHICH SHALL BE RELOCATED ATE THE PROPOSED ROAD KERBLINE.
- EXISTING GULLY CONNECTIONS TO BE MAINTAINED WHERE POSSIBLE. WHERE ADDITIONAL GULLIES ARE REQUIRED, NEW CONNECTIONS MAY ALSO BE REQUIRED. NUMBER AND SPACING TO BE DETERMINED DURING DETAILED DESIGN.
- 2 No. GULLIES SHALL BE PROVIDED AT LOW POINTS AND ATE LEAST ONE GULLY TO BE PROVIDED IMMEDIATELY UPSTREAM OF PEDESTRIAN CROSSINGS.
- ALL SuDS FEATURES SHOULD PROVIDE SURFACE WATER QUALITY TREATMENT.

ABBREVIATIONS:
ADR: ALLOWABLE DISCHARGE RATE
Vol att: VOLUME OF ATTENUATION

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LEGEND:

EXISTING OVERFLOW PIPE

EXISTING SURFACE WATER NETWORK

EXISTING COMBINED NETWORK

EXISTING FOUL NETWORK

EXISTING FOUL WATER RISING MAIN

PROPOSED OVERSIZED STORAGE PIPE

PROPOSED KERB DRAINAGE SYSTEM

PROPOSED GRASS CHANNEL SYSTEM

PROPOSED FILTER DRAIN

PROPOSED SURFACE WATER RISING MAIN

PROPOSED CARRIER DRAIN

SITE BOUNDARY LINE

TEMPORARY LAND ACQUISITION

PROPOSED SURFACE WATER NETWORK CHAMBER

PROPOSED PUMPING STATION

PROPOSED ATTENUATION TANK

EXISTING PRECAST GULLY

PETROL INTERCEPTOR

EXISTING SURFACE WATER NETWORK CHAMBER

EXISTING FOUL NETWORK CHAMBER

EXISTING COMBINED NETWORK CHAMBER

SuDS INLET/OUTLET

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Rev.	Date	Drawn	Description	Chk'd	Appr.
C01	06.12.24	GW	ISSUE FOR PLANNING	JH	JN

Project Title: GALWAY BUSCONNECTS: DUBLIN ROAD

Drawing Title: PROPOSED SURFACE WATER DRAINAGE NETWORKS SHEET 1 OF 12

Designed: JH

Drawn: WDS

Approved: JN

Reviewed: RF

Drawing No. BCGDR-BTL-DNG_RD-XX-DR-CD-00001

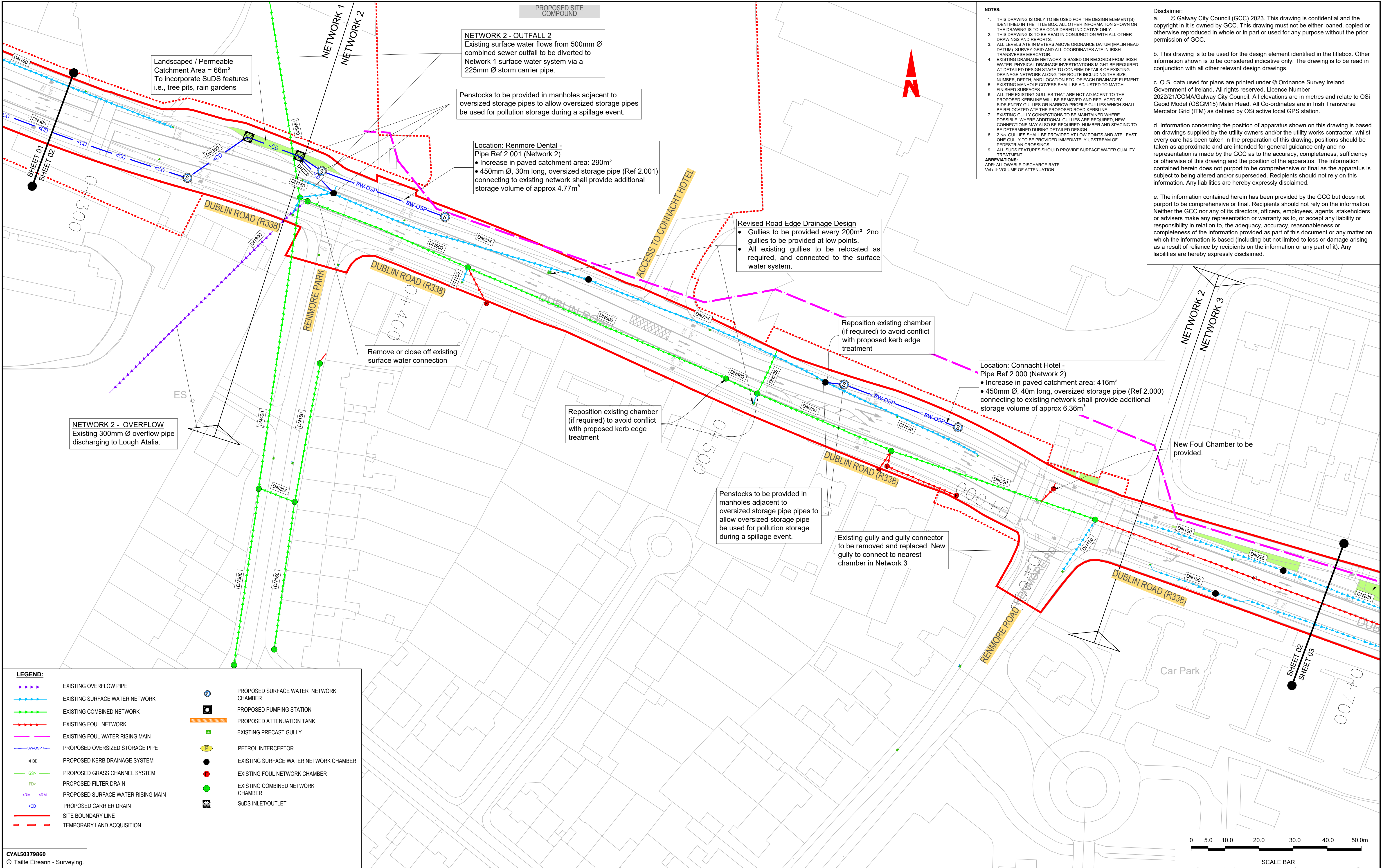
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Date: MARCH 2023

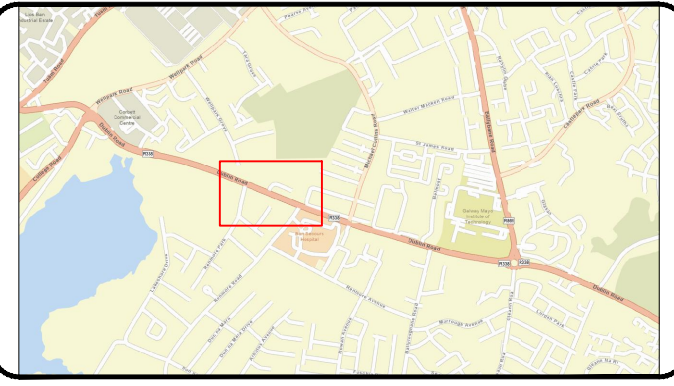
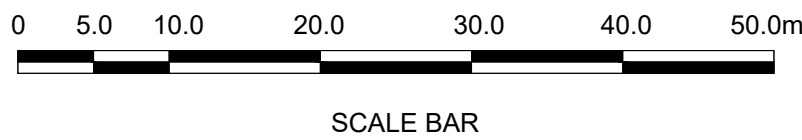
Status: A1

Rev: C01

File Name: R:\22 Projects\22407 - BusConnects Galway - Dublin Road\00_Geometry\2D Drawings\BCDR-BTL-DNG_RD-XX-DR-CD-00001_00011_Surface_Water_Drainage.dwg



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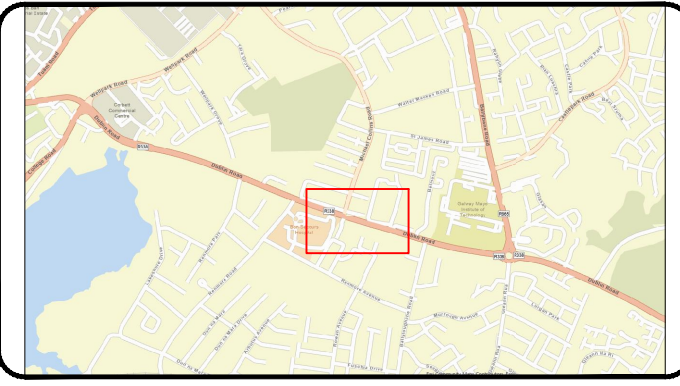
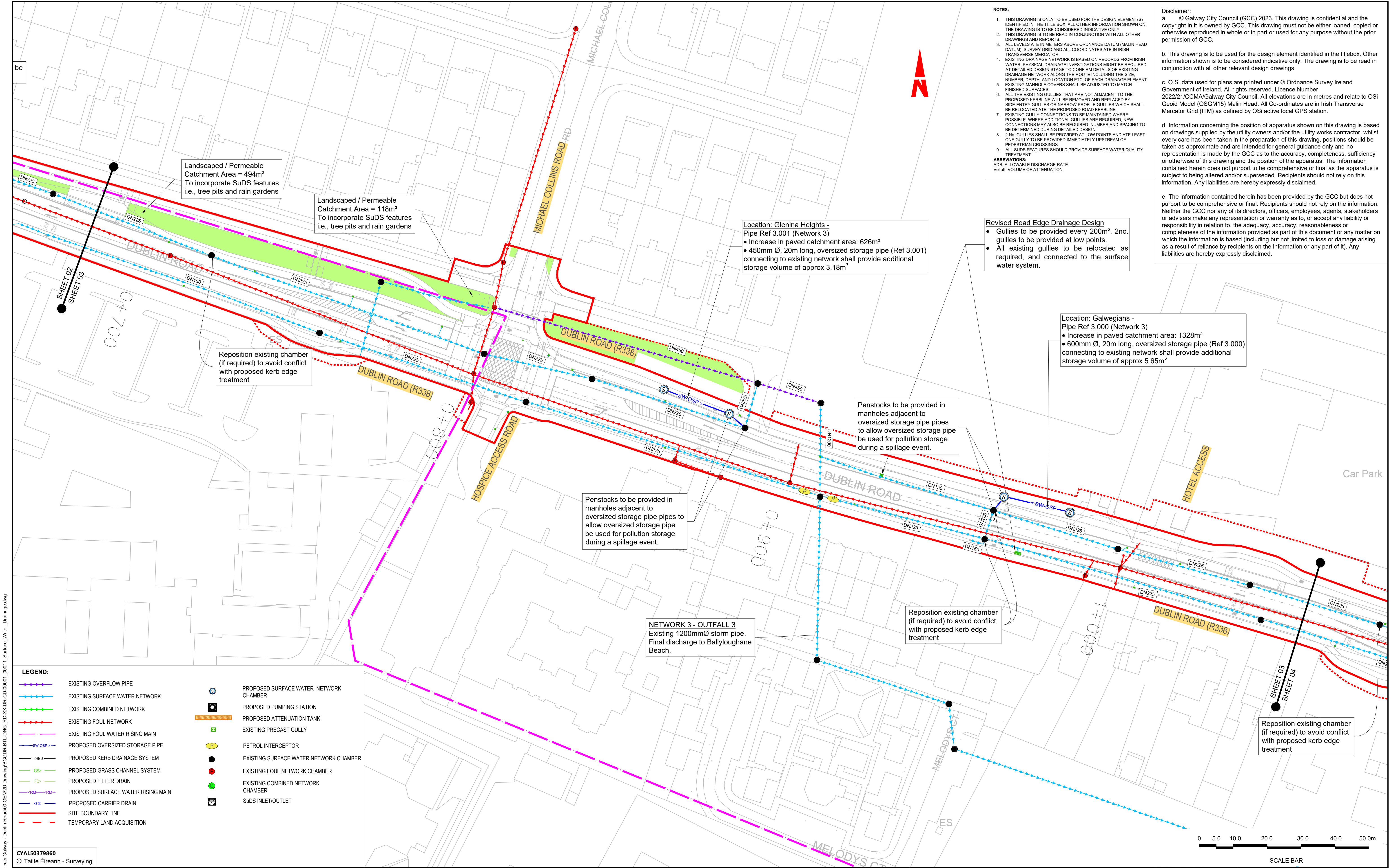


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Rev.	Date	Drawn	Description	Chk'd	Appr.
001	06.12.24	GW	ISSUE FOR PLANNING	JH	JN

Project Title: GALWAY BUSCONNECTS: DUBLIN ROAD		Status: A1
Drawing Title: PROPOSED SURFACE WATER DRAINAGE NETWORKS SHEET 2 OF 12		Rev: C01
Designed: JH	Drawing No: BCGDR-BTL-DNG_RD-XX-DR-CD-00002	
Drawn: WDS	Scale at A1: 1:500	
Approved: JN	Date: MARCH 2023	
Reviewed: RF		

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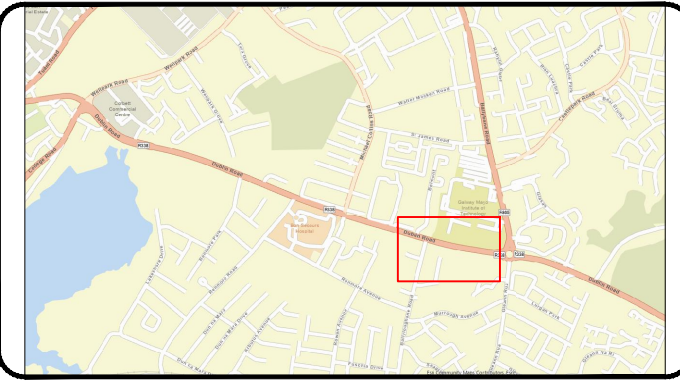
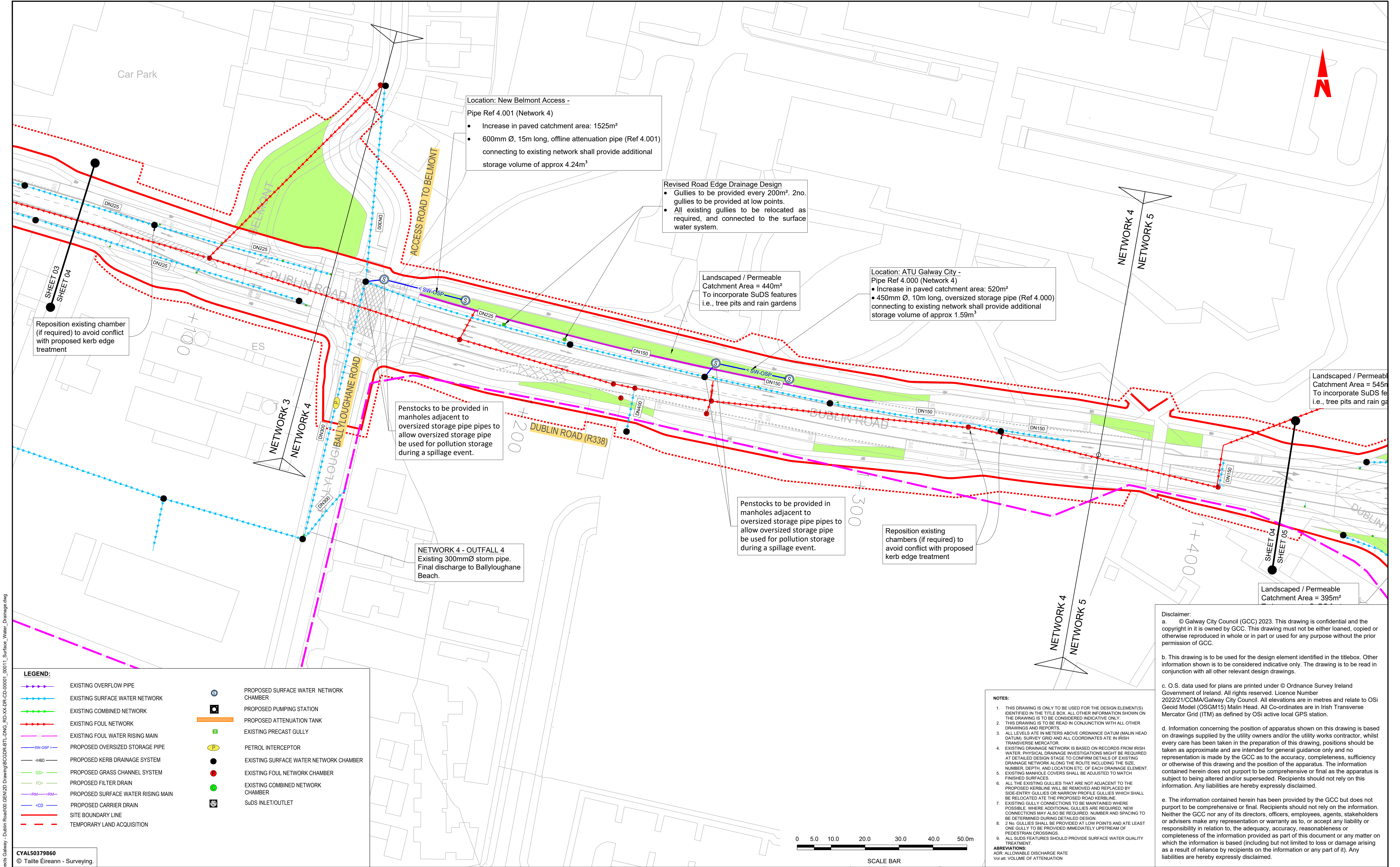


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Rev.	Date	Drawn	Description	Chk'd	Appr.
001	06.12.24	GW	ISSUE FOR PLANNING	JH	JN

Project Title:	GALWAY BUSCONNECTS: DUBLIN ROAD		Status:
Drawing Title:	PROPOSED SURFACE WATER DRAINAGE NETWORKS SHEET 3 OF 12		A1
Designed: JH	Drawing No.	BCGDR-BTL-DNG_RD-XX-DR-CD-00003	Rev:
Drawn: WDS	Scale at A1:	1:500	C01
Approved: JN	Date:	MARCH 2023	
Reviewed: RF			

File Name: R:\22 Projects\22407 - BusConnects Galway - Dublin Road\00_Geoinfo\2D Drawings\BODR-BTL-DNG_RD-XX-DR-CD-00001_00011_Surface_Water_Drainage.dwg

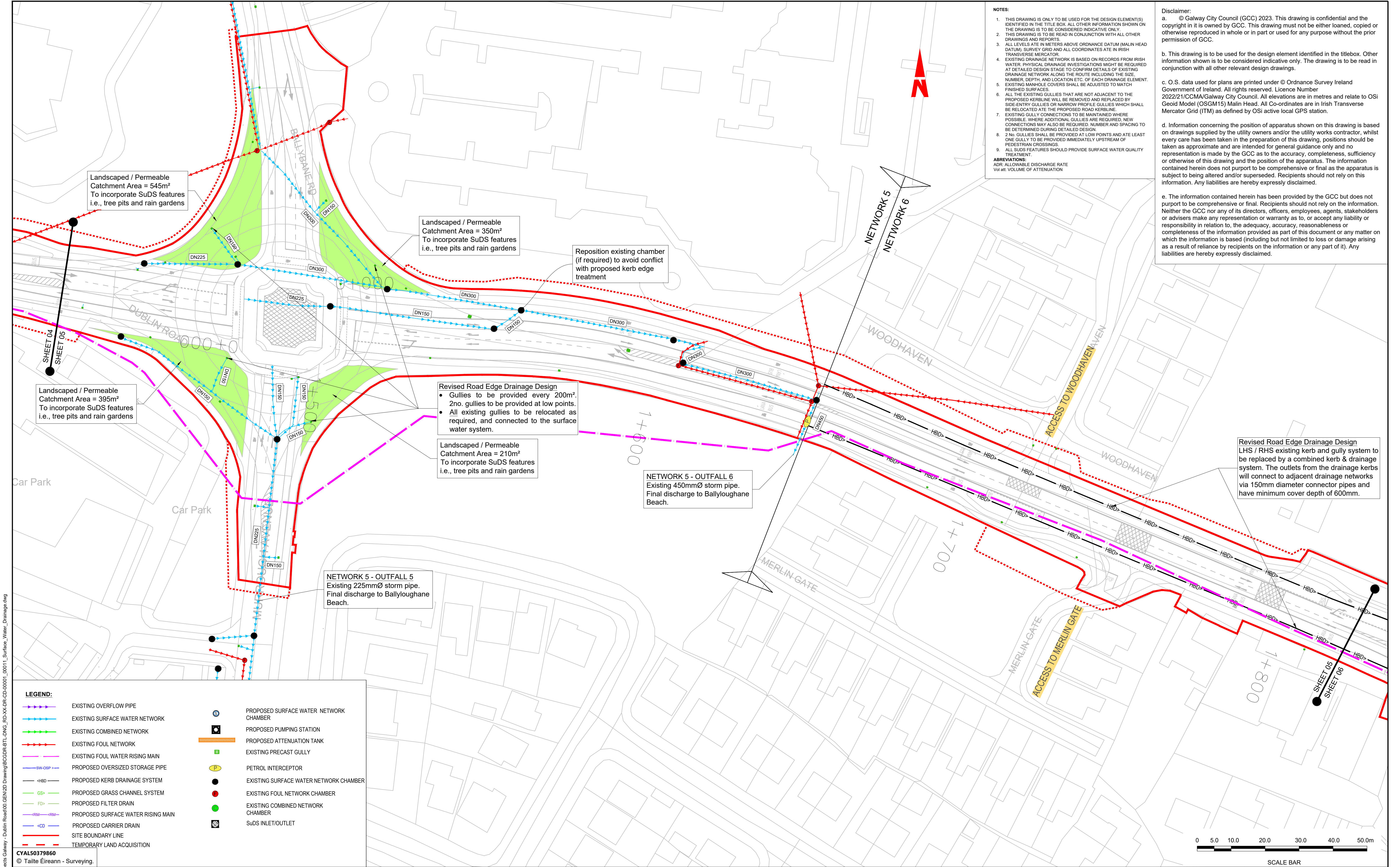


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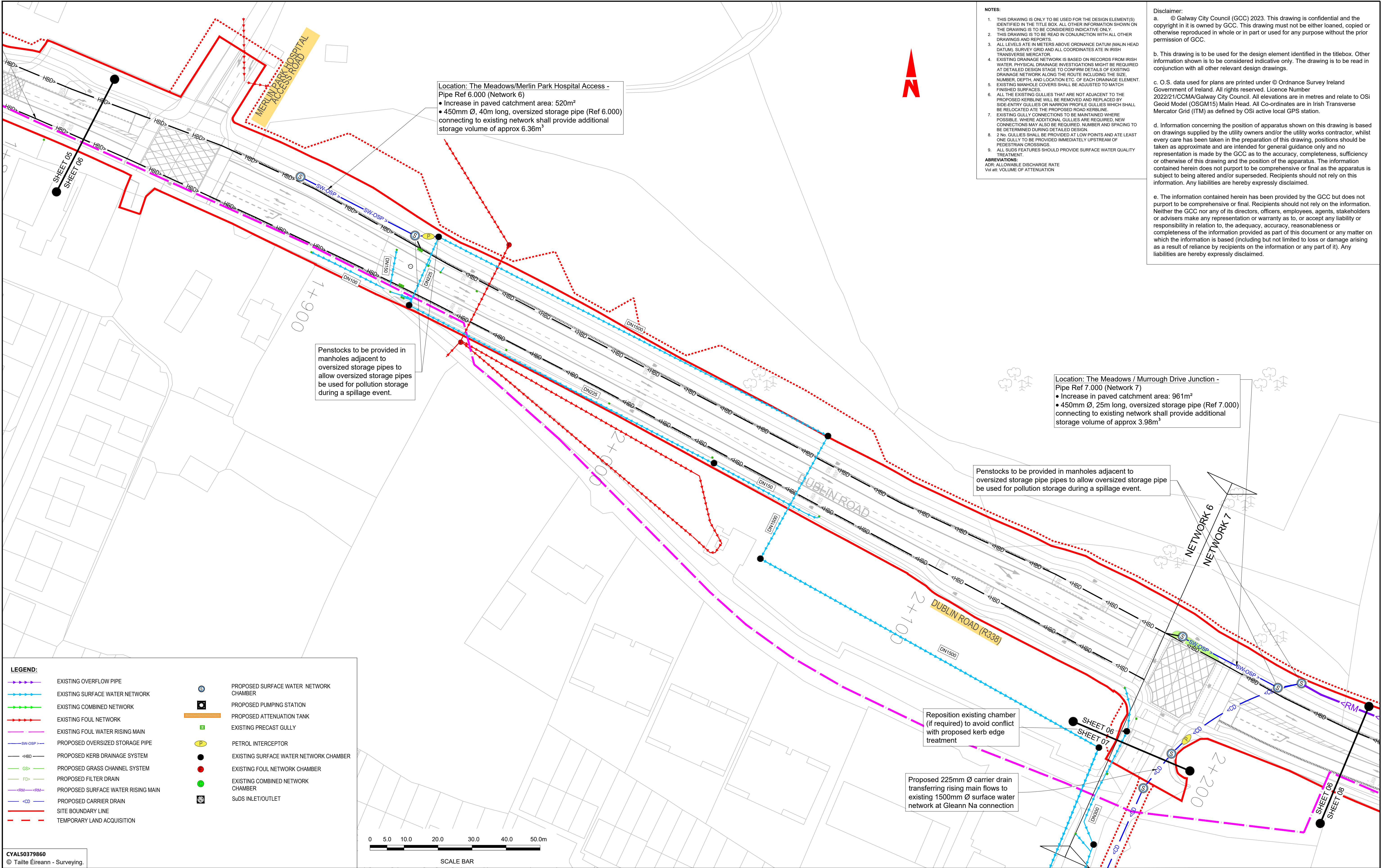
Rev.	Date	Drawn	Description	Chk'd	Appr.
001	06.12.24	GW	ISSUE FOR PLANNING	JH	JN

Project Title: GALWAY BUSCONNECTS: DUBLIN ROAD		Status: A1
Drawing Title: PROPOSED SURFACE WATER DRAINAGE NETWORKS SHEET 4 OF 12		Rev: C01
Designed: JH	Drawing No. BCGDR-BTL-DNG_RD-XX-DR-CD-00004	
Drawn: WDS	Scale at A1: 1:500	
Approved: JN	Date: MARCH 2023	
Reviewed: RF		

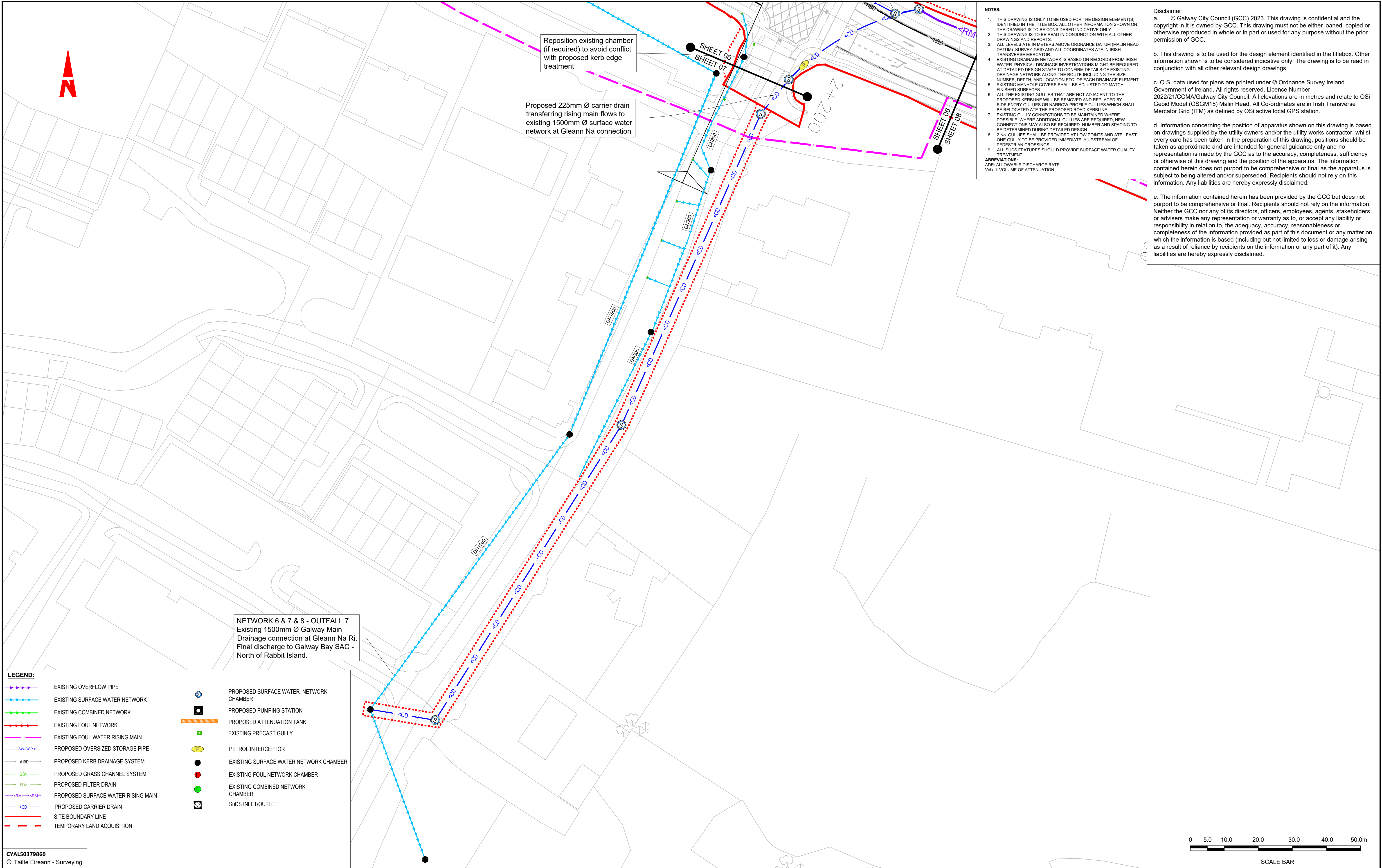
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National Transport Authority





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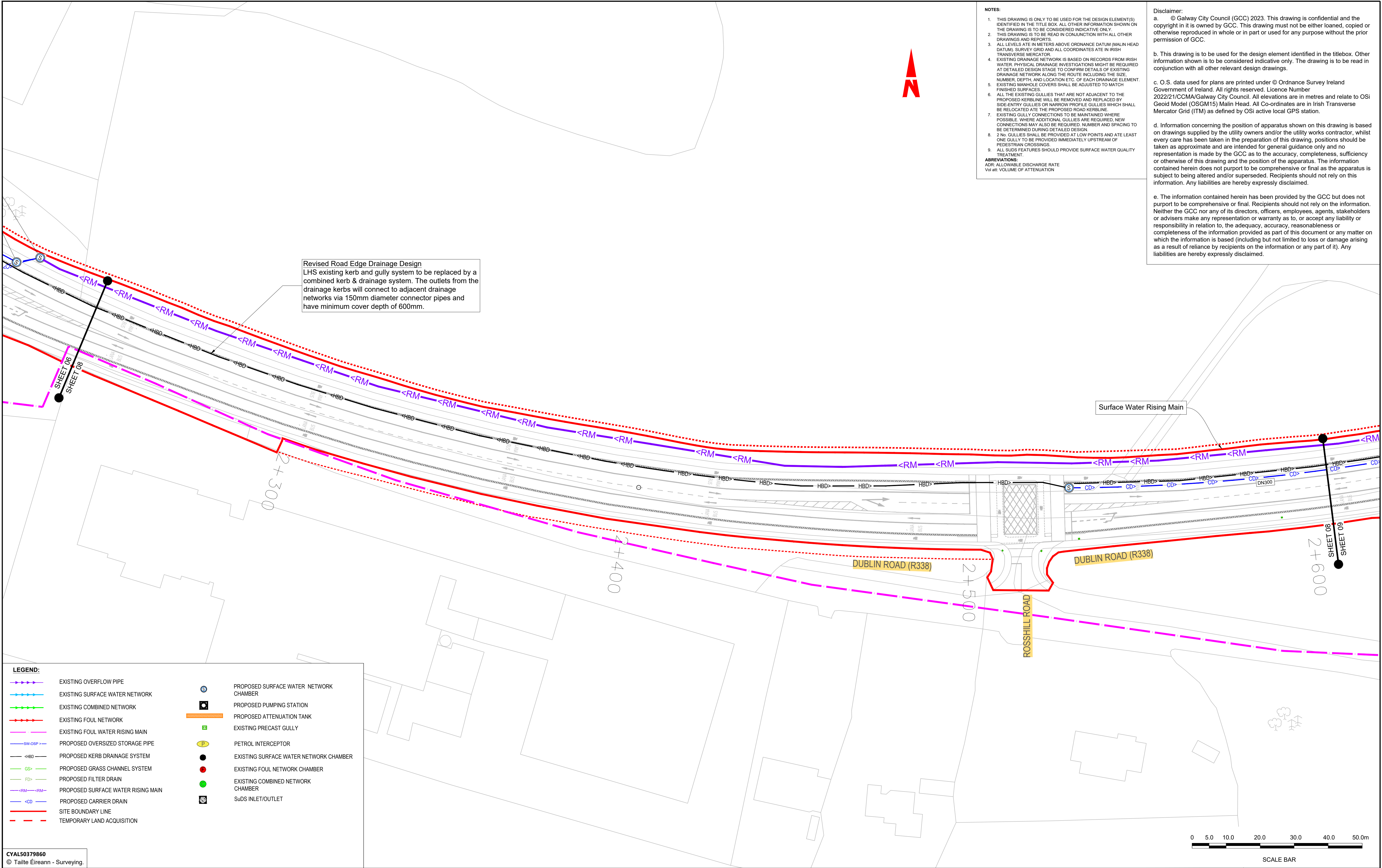
eegis

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Rev.	Date	Drawn	Description	Chk'd	Appr.
001	06.12.24	GW	ISSUE FOR PLANNING	JH	JN

Project Title: GALWAY BUSCONNECTS: DUBLIN ROAD		Status:
Drawing Title: PROPOSED SURFACE WATER DRAINAGE NETWORKS SHEET 07 OF 12		A1
Designed: JH	Drawing No. BCGDR-BTL-DWG_RD-XX-DR-CD-00007	Rev: C01
Drawn: WDS	Scale at A1: 1:500	
Approved: JN	Date: MARCH 2023	
Reviewed: RF		

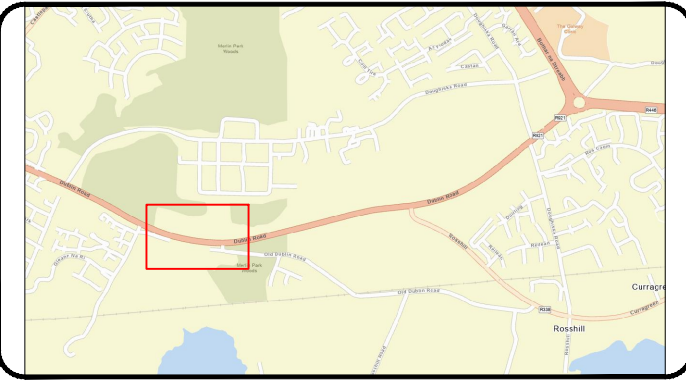
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Rev.	Date	Drawn	Description	Chk'd	Appr.
001	06.12.24	GW	ISSUE FOR PLANNING	JH	JN

Project Title: GALWAY BUSCONNECTS: DUBLIN ROAD		Status: A1
Drawing Title: PROPOSED SURFACE WATER DRAINAGE NETWORKS SHEET 8 OF 12		Rev: C01
Designed: JH	Drawing No. BCGDR-BTL-DNG_RD-XX-DR-CD-00008	
Drawn: WDS	Scale at A1: 1:500	
Approved: JN	Date: MARCH 2023	
Reviewed: RF		



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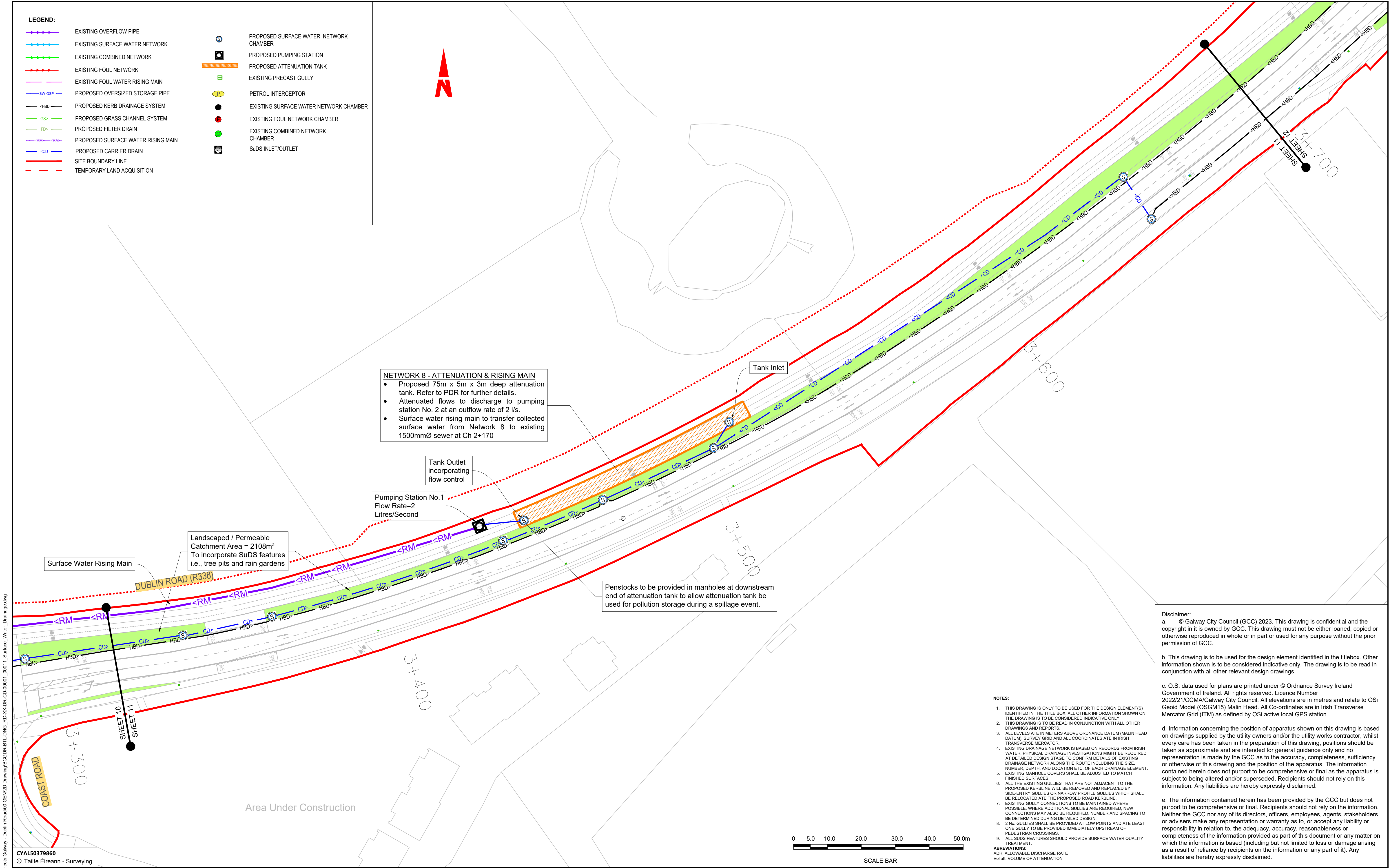
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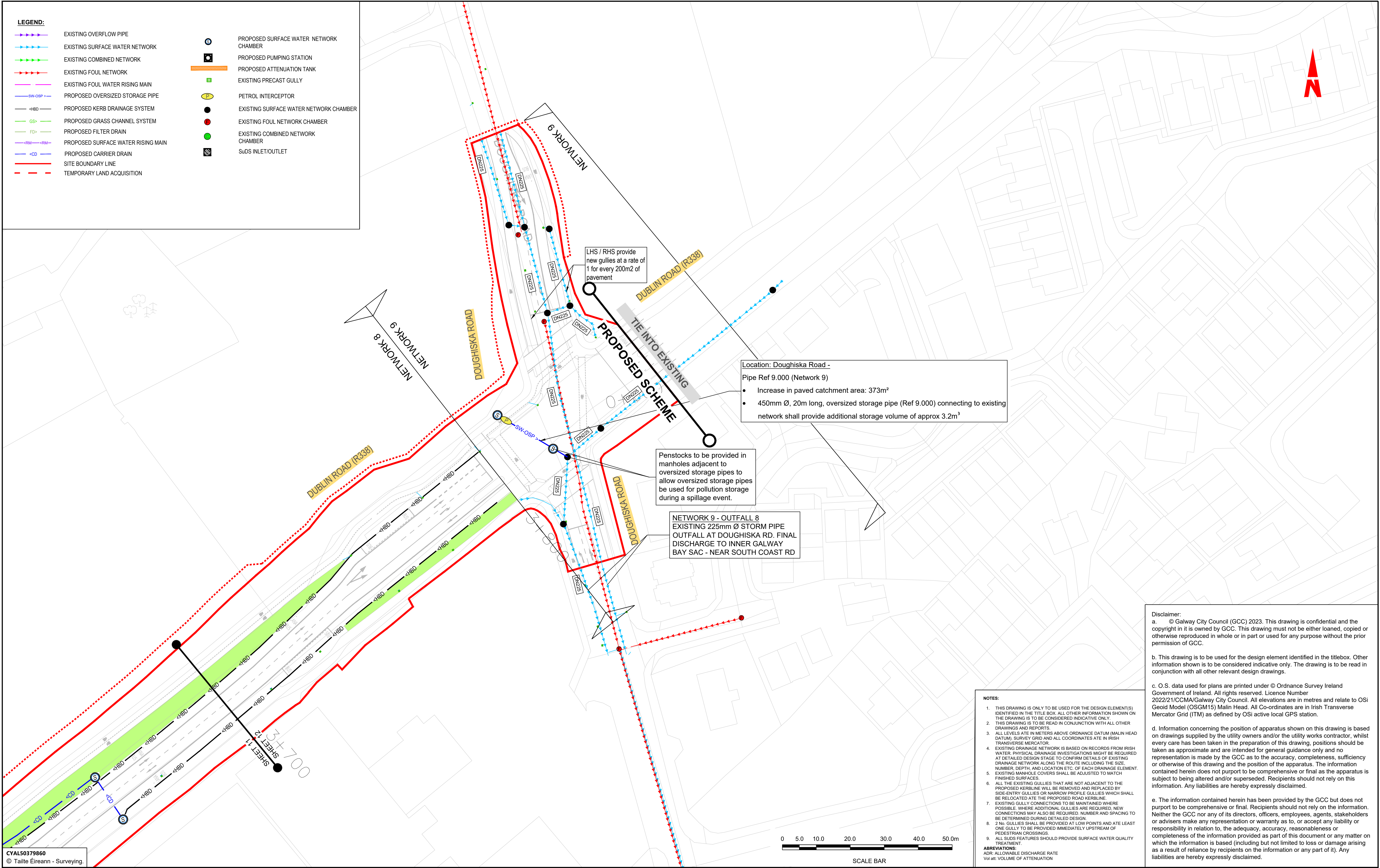
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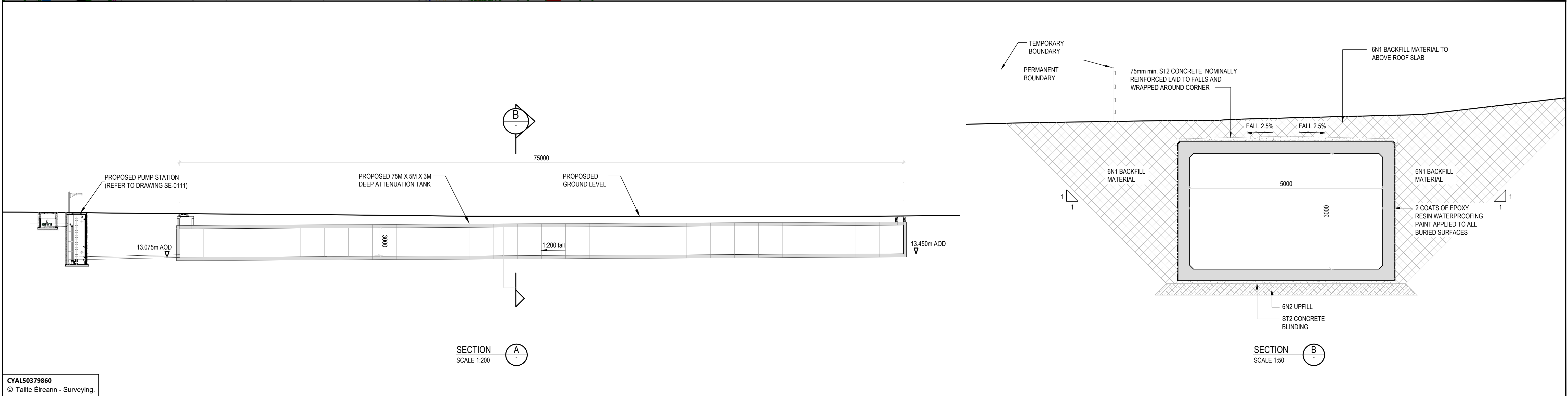
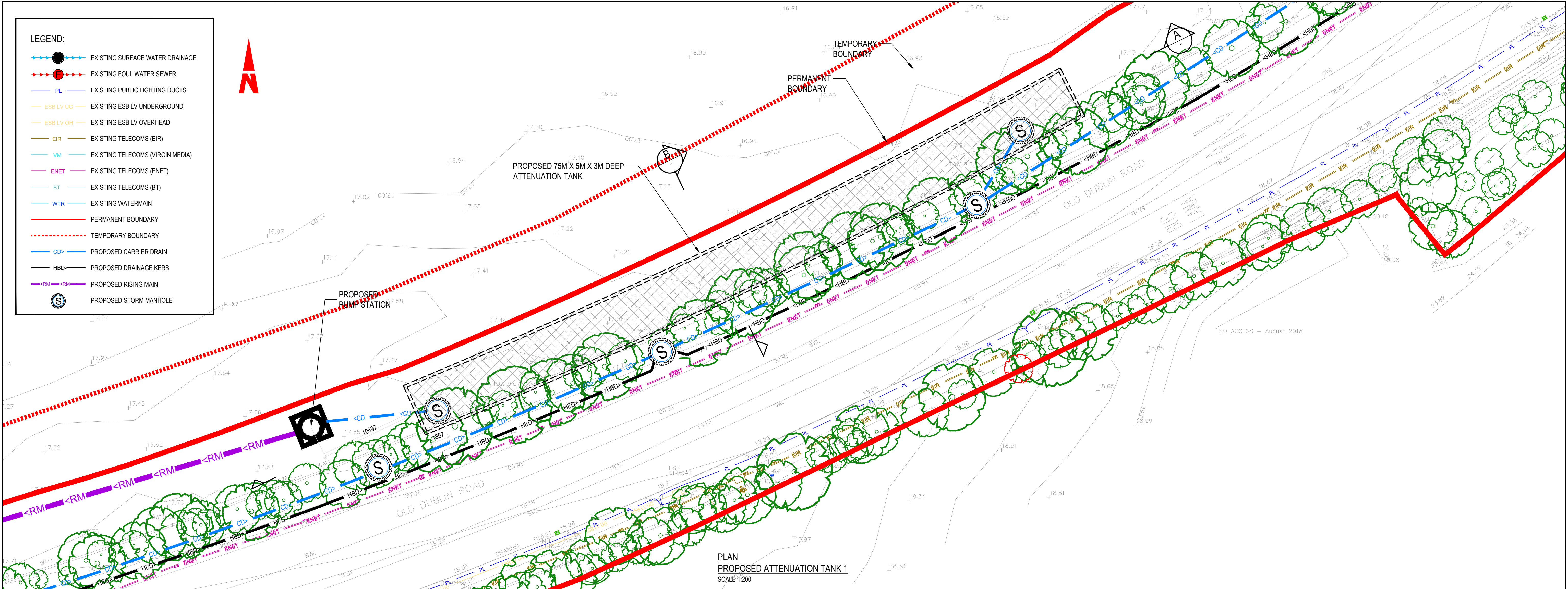
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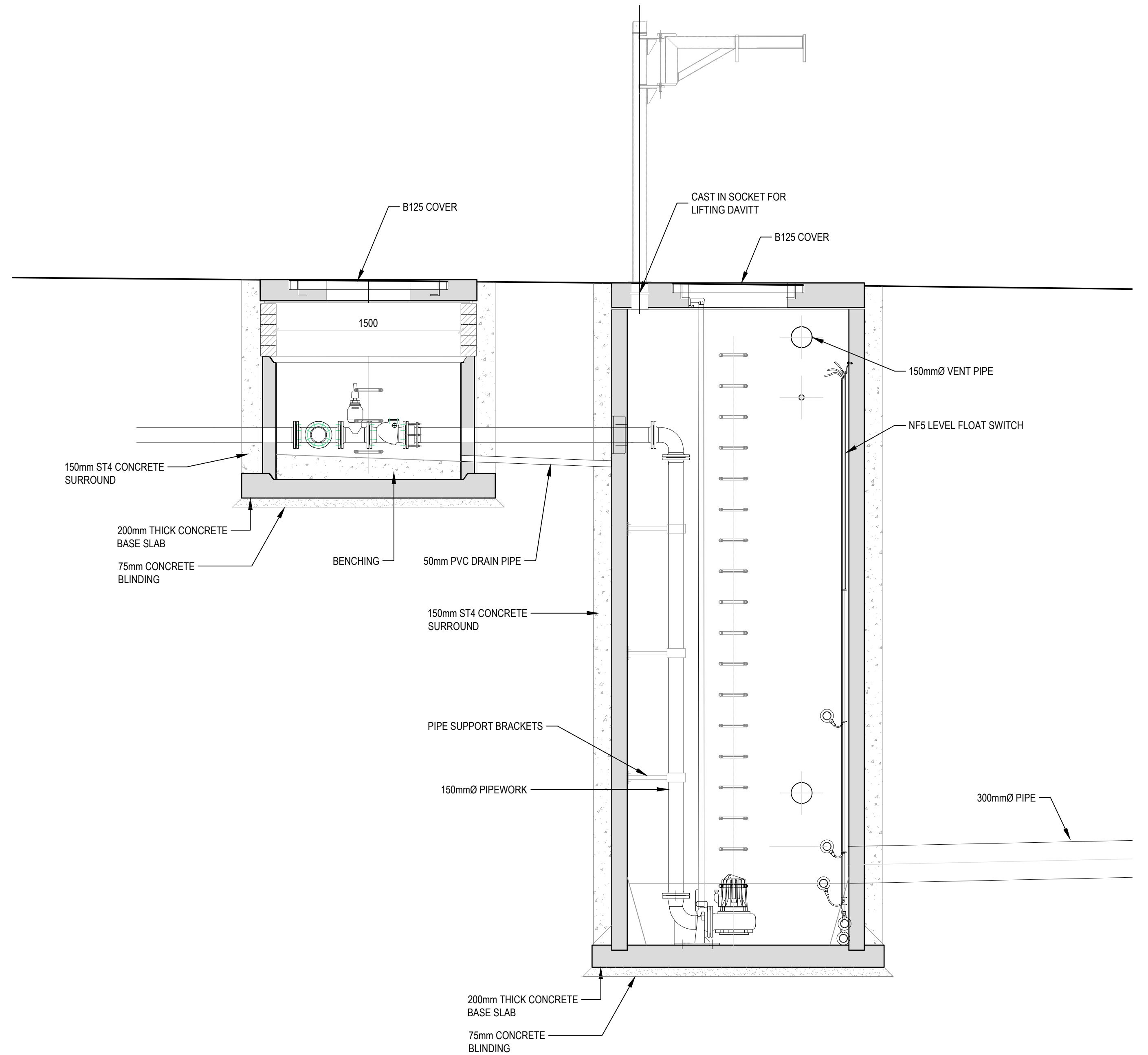
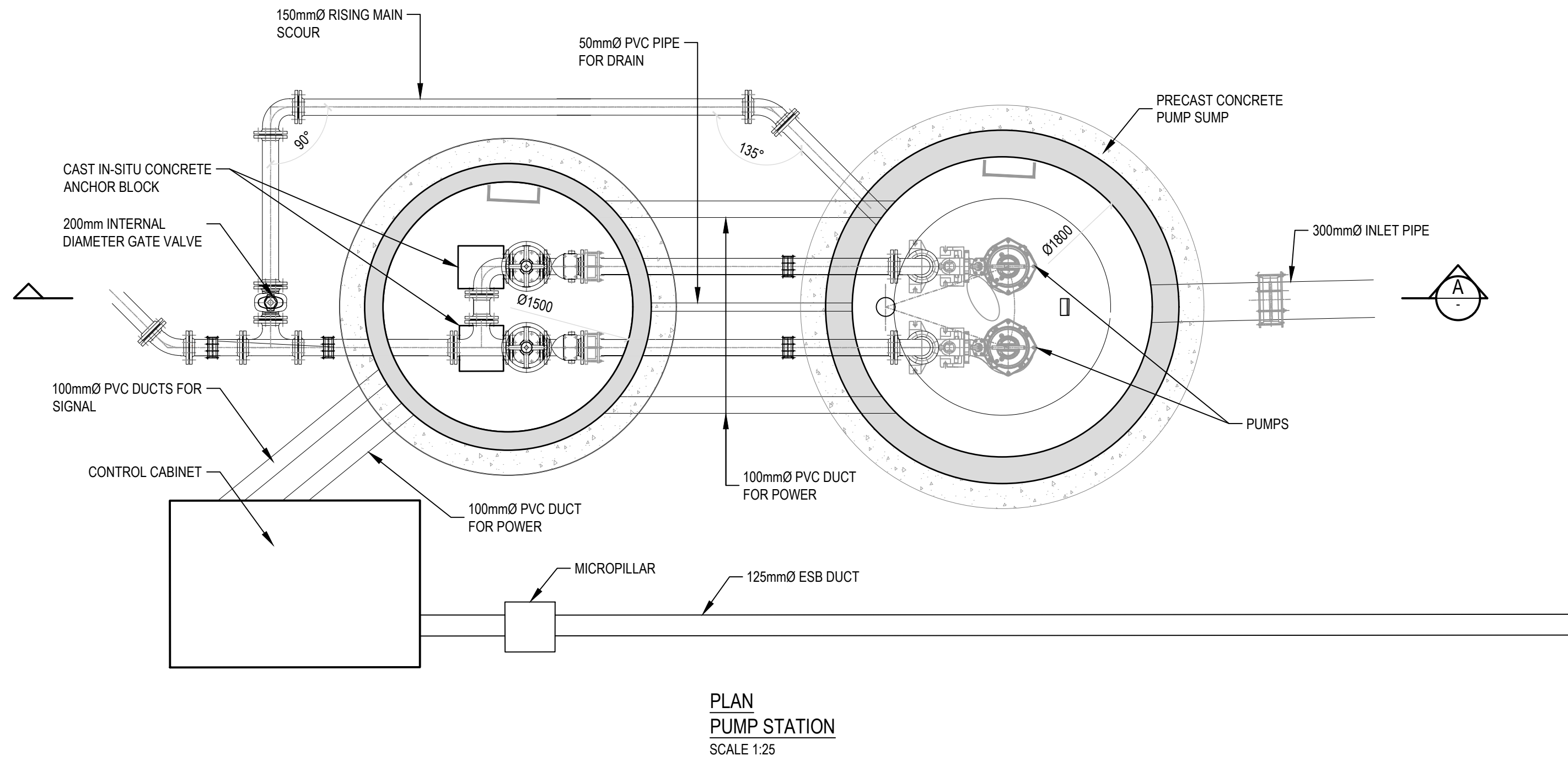


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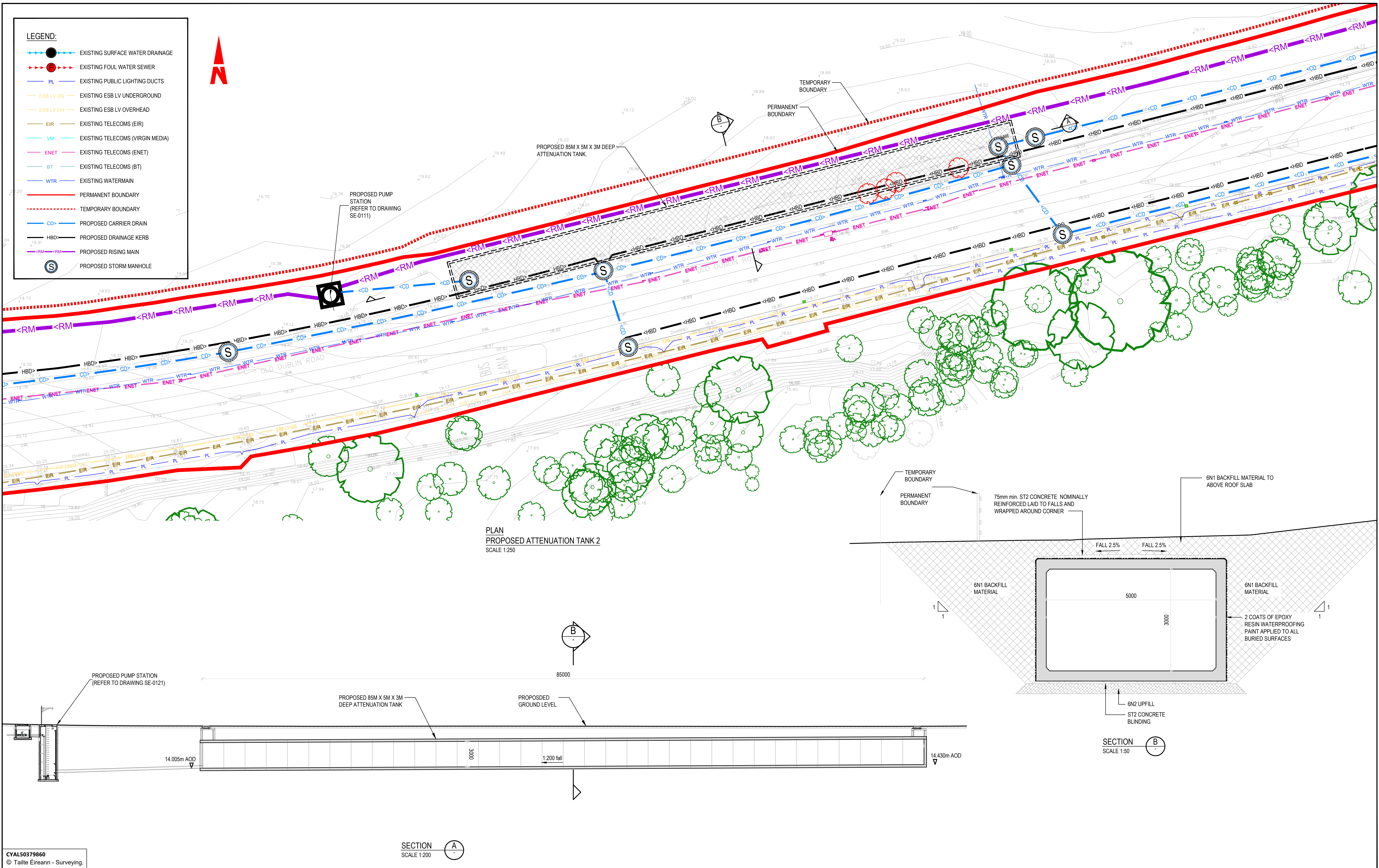
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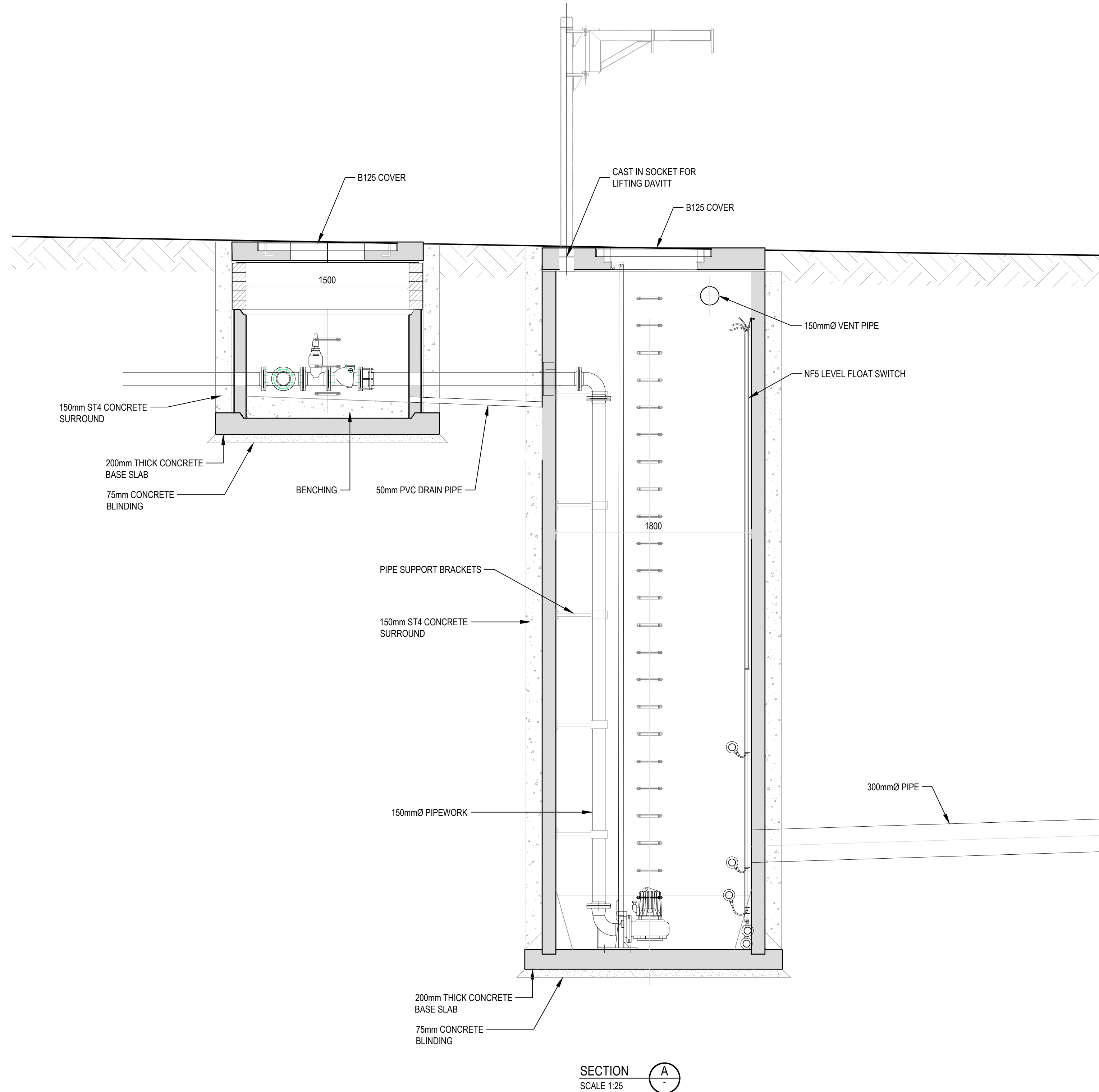
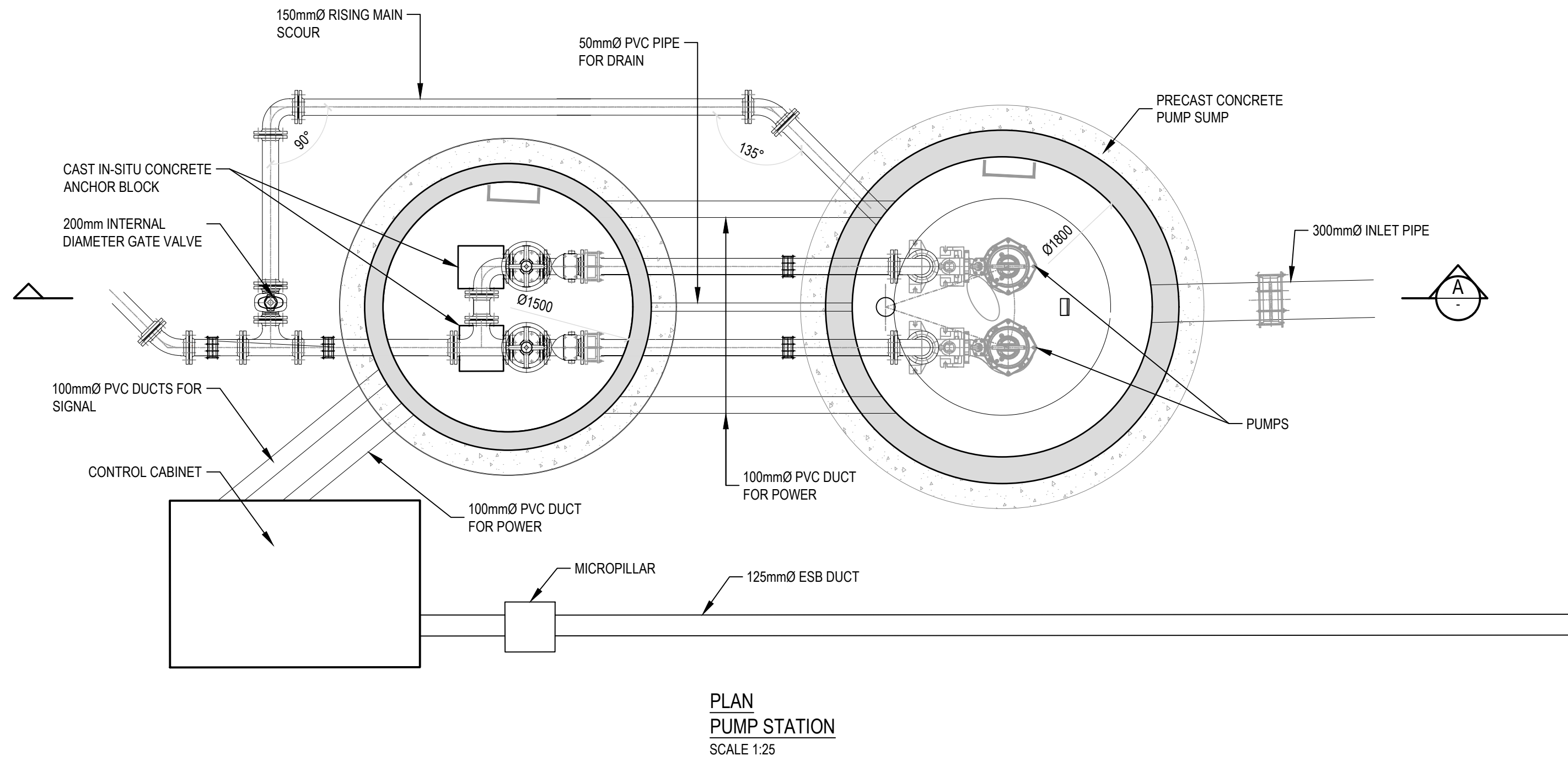
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Rev.	Date	Drawn	Description	Chk'd	Appr.
C01	06.12.24	GW	ISSUE FOR PLANNING	JH	JN

Project Title: BUSCONNECTS GALWAY: DUBLIN ROAD		Status:
Drawing Title: PUMP STATION 1 PLAN & SECTION		A1
Designed: JH	Drawing No. BCGDR-BTL-DNG_RD-XX-DR-SE-00111	Rev: C01
Drawn: JH	Scale at A1: 1:25	
Approved: JH	Date: OCTOBER 2023	
Reviewed: JH		



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Rev.	Date	Drawn	Description	Chk'd	Appr.
C01	06.12.24	GW	ISSUE FOR PLANNING	JH	JN

Project Title: BUSCONNECTS GALWAY: DUBLIN ROAD		Status:
Drawing Title: PUMP STATION 2 PLAN & SECTION		A1
Designed: JH	Drawing No. BCGDR-BTL-DNG_RD-XX-DR-SE-00121	Rev: C01
Drawn: DG	Scale at A1: 1:25	
Approved: JN	Date: OCTOBER 2023	
Reviewed: JH		

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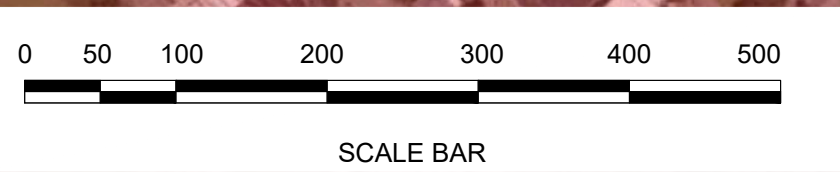
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CATCHMENT AREA 1
325 HECTARES
EXISTING STORMWATER NETWORK-
OUTFALLS TO LOUGH ATALIA VIA
3NO. OUTFALLS

CATCHMENT AREA 5
282 HECTARES
EXISTING STORMWATER NETWORK
OUTFALLS TO CORRIB ESTUARY
(BALLYLOUGHANE BEACH)

CATCHMENT AREA 6
298 HECTARES
EXISTING STORMWATER NETWORK
OUTFALLS TO CORRIB ESTUARY
(NORTH OF RABBIT ISLAND)

CATCHMENT AREA 6
298 HECTARES
EXISTING STORMWATER NETWORK
OUTFALLS TO CORRIB ESTUARY
(NORTH OF RABBIT ISLAND)



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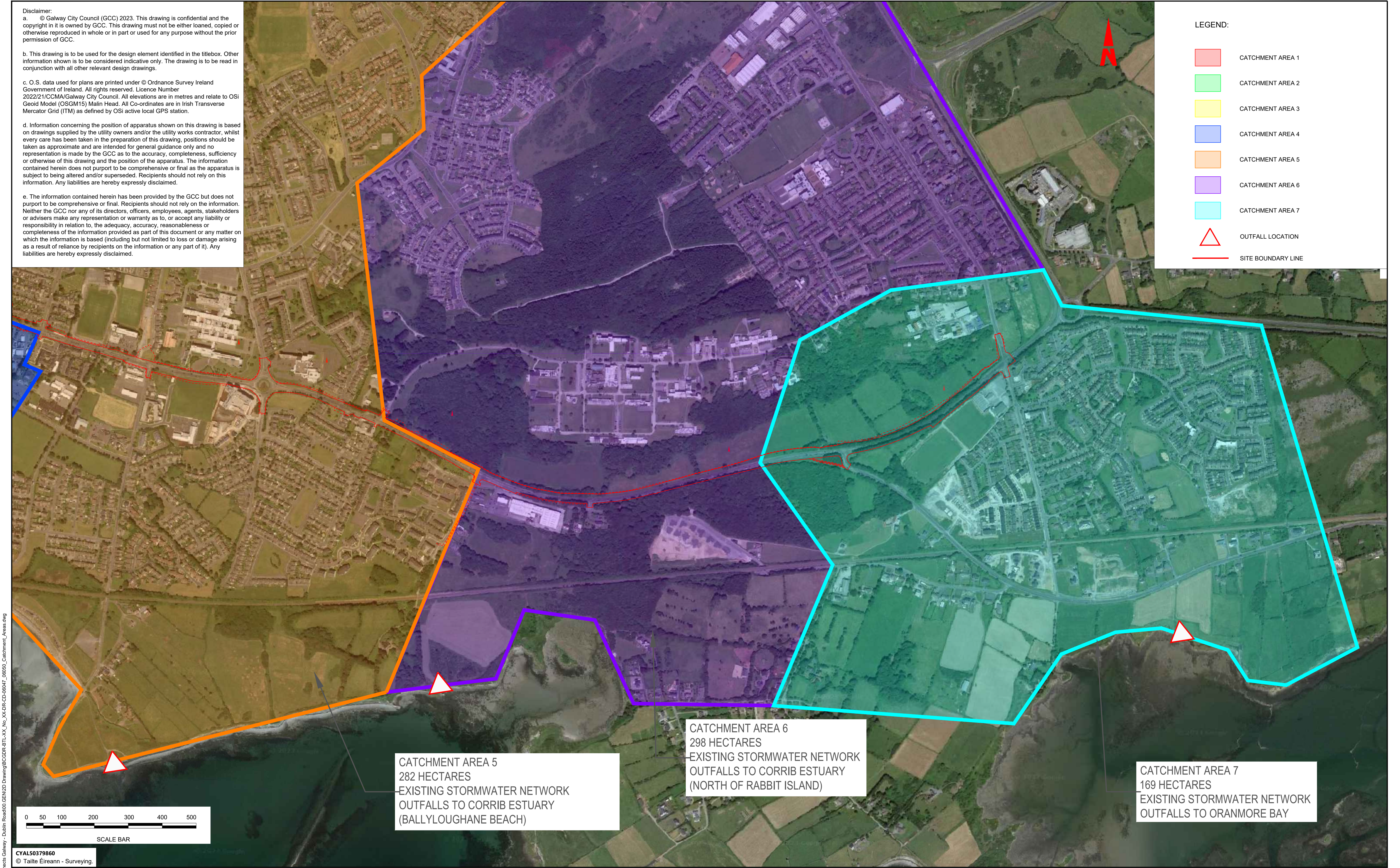
DO NOT SCALE, use figured dimensions only.

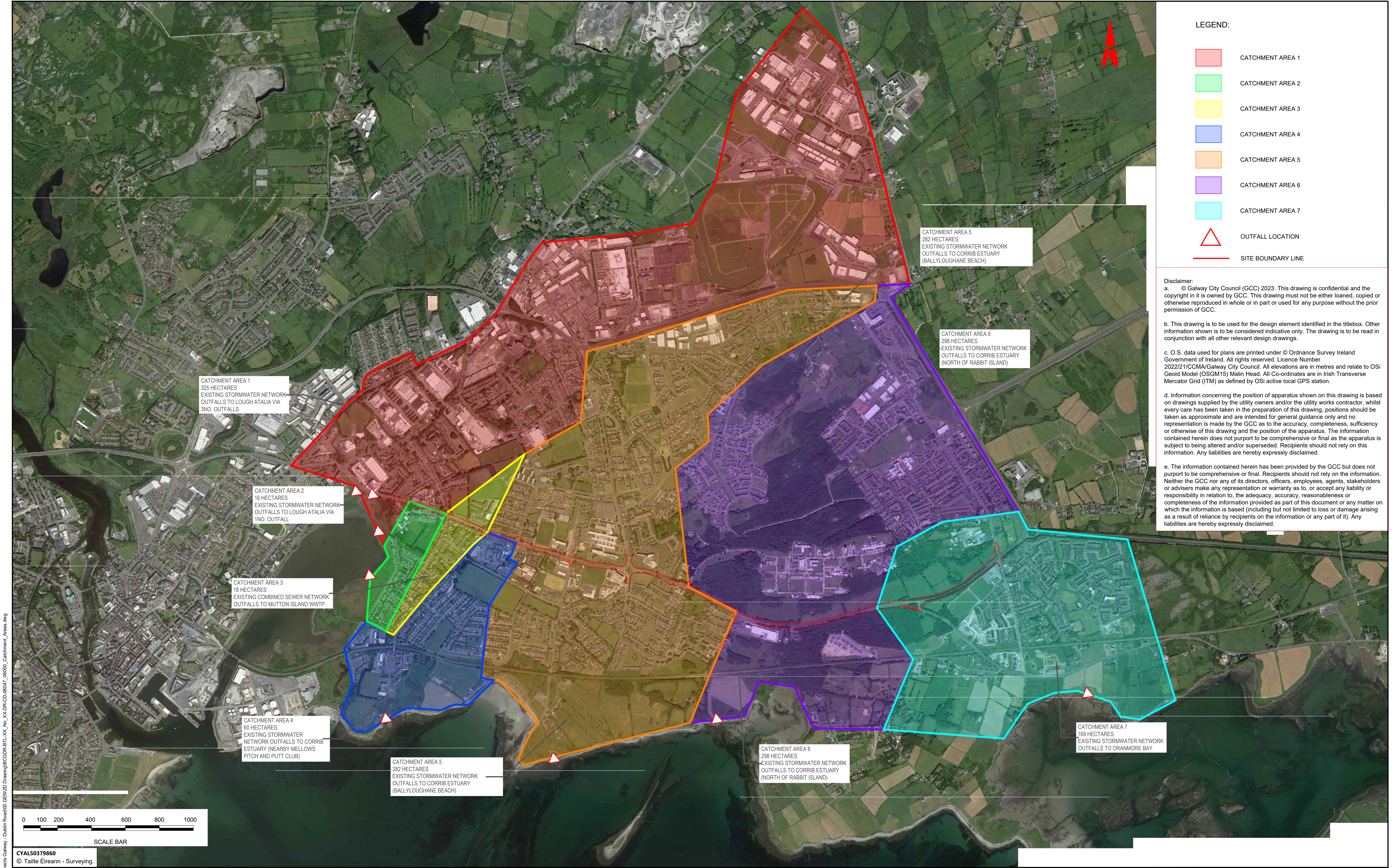
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Rev.	Date	Drawn	Description	Chk'd	Appr.
C01	06.12.24	GW	ISSUE FOR PLANNING	JH	JN

Project Title: GALWAY BUSCONNECTS: DUBLIN ROAD		Status: A1
Drawing Title: CATCHMENT AREA ASSESSMENT-MASTERPLAN SHEET 2 OF 4		
Designed: JH Drawn: MT Approved: JN Reviewed: RF	Drawing No. BCGDR-BTL-XX_NO-XX-DR-CD-06048 Scale at A1: 1:5000 Date: AUGUST 2023	Rev: C01





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