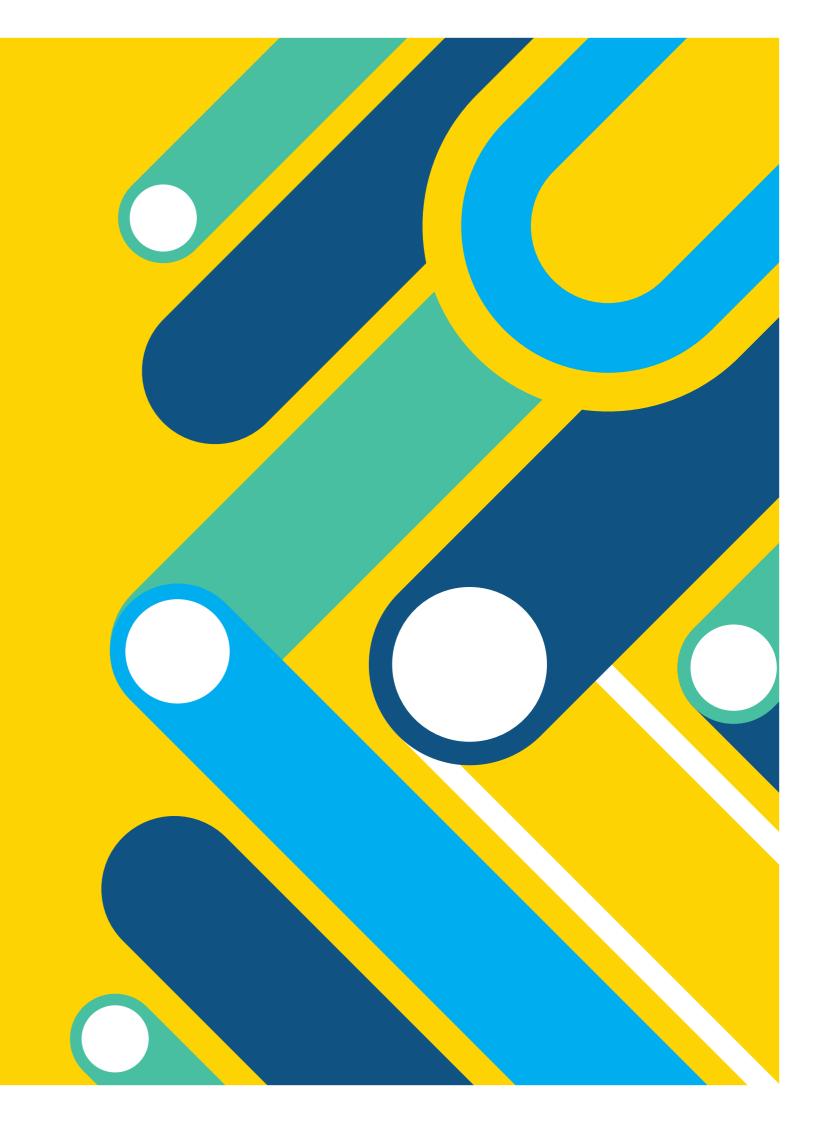
## Proposed Surface Water Drainage Works





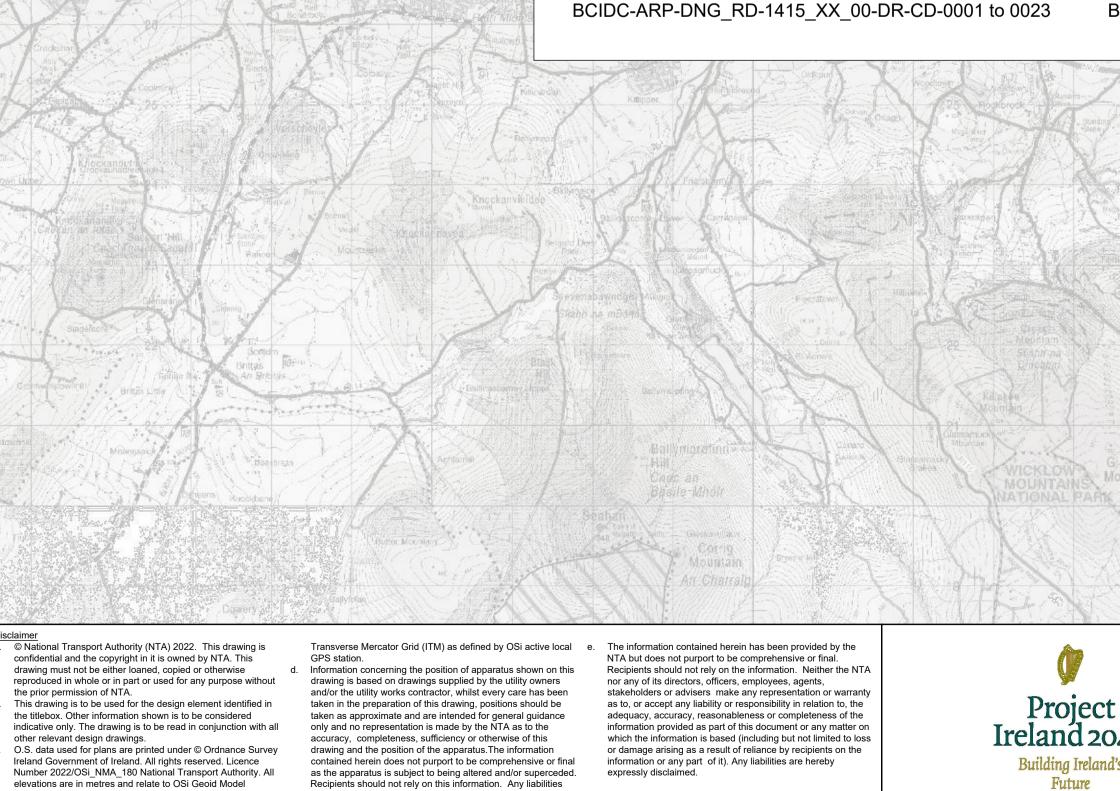


# **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

# **BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME**

## DRAWING SERIES NUMBER(S)

BCIDC-ARP-DNG IX-1415 XX 00-DR-CD-0001 BCIDC-ARP-DNG\_RD-1415\_XX\_00-DR-CD-1001-1004 BCIDC-ARP-DNG\_KP-1415\_XX\_00-DR-CD-0001



are hereby expressly disclaimed.

# **PROPOSED SURFACE WATER DRAINAGE WORKS**

## DRAWING SERIES DESCRIPTION

BELFIELD \ BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME. PROPOSED SURFACE WATER DRAINAGE WORKS. COVER SHEET BELFIELD \ BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME. OVERALL CATCHMENT AREAS BELFIELD \ BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME. PROPOSED SURFACE WATER DRAINAGE WORKS. KEY PLAN BELFIELD \ BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME. PROPOSED SURFACE WATER DRAINAGE WORKS

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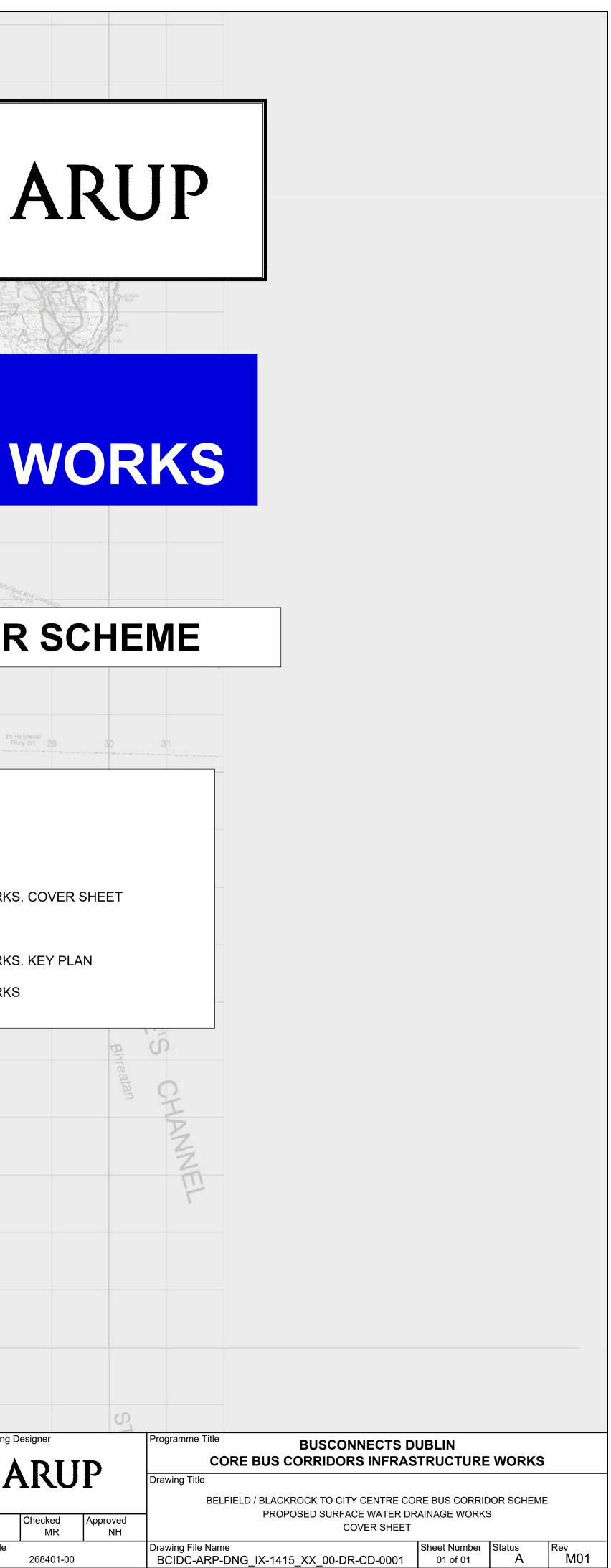
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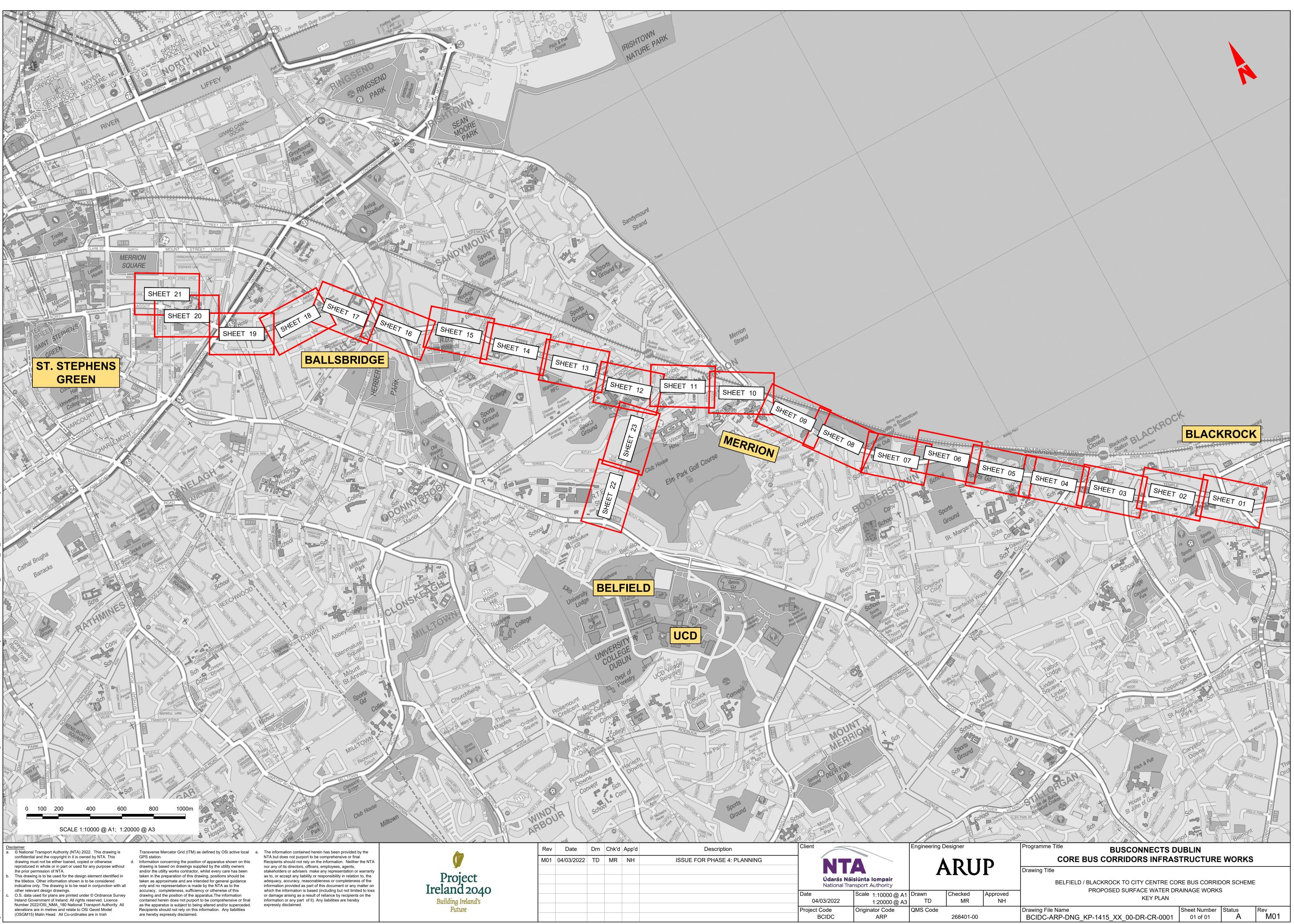
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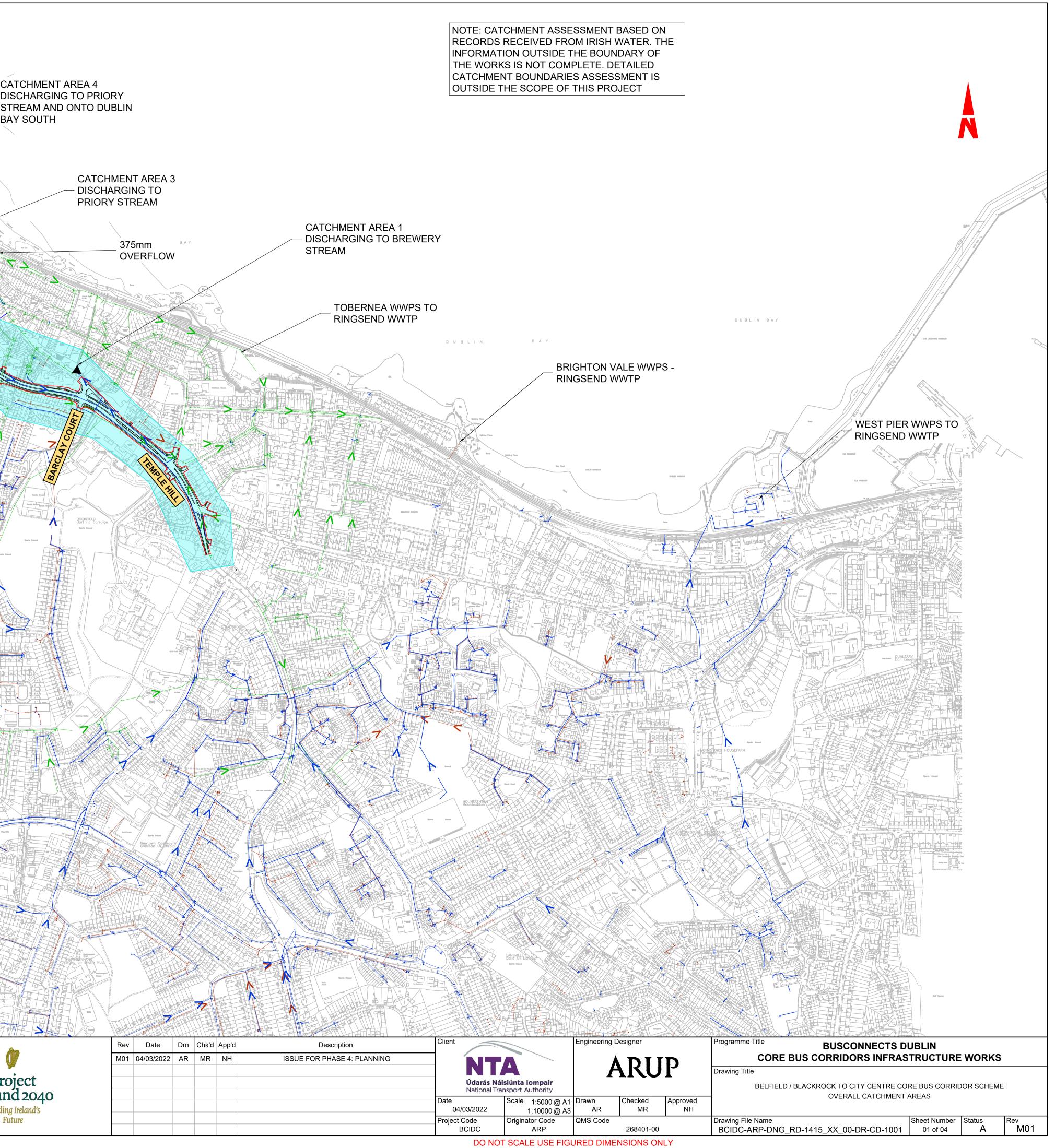


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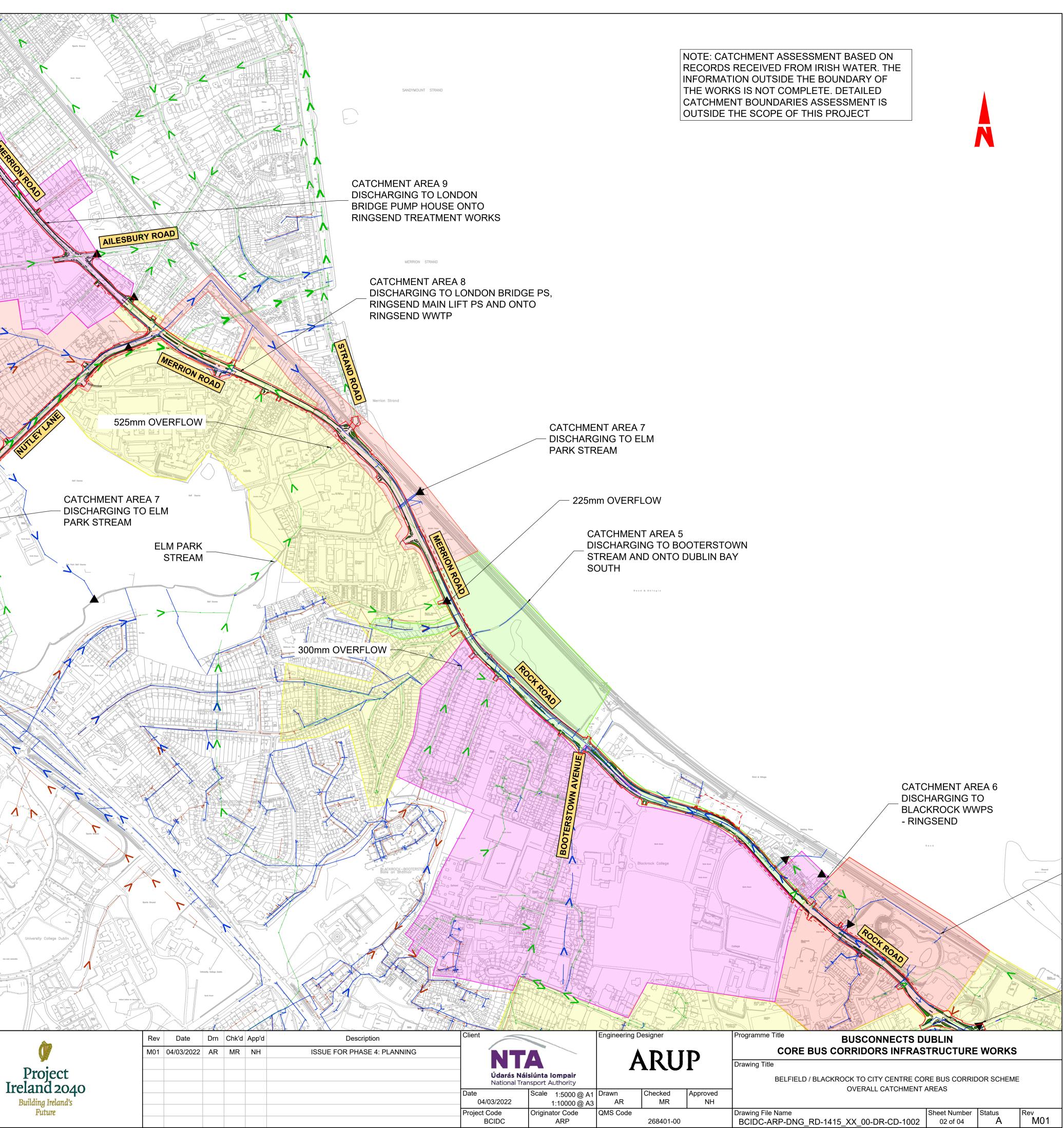
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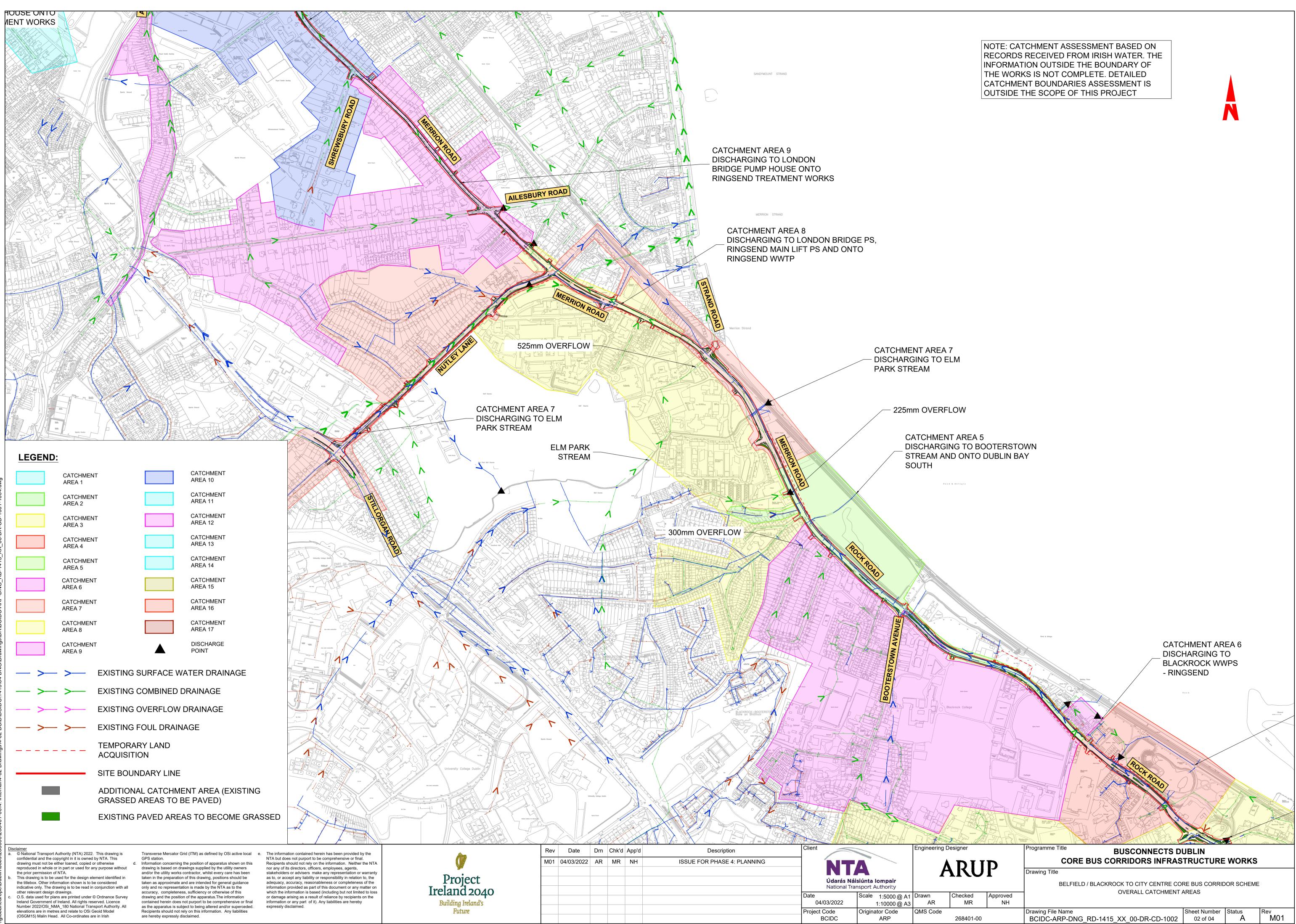
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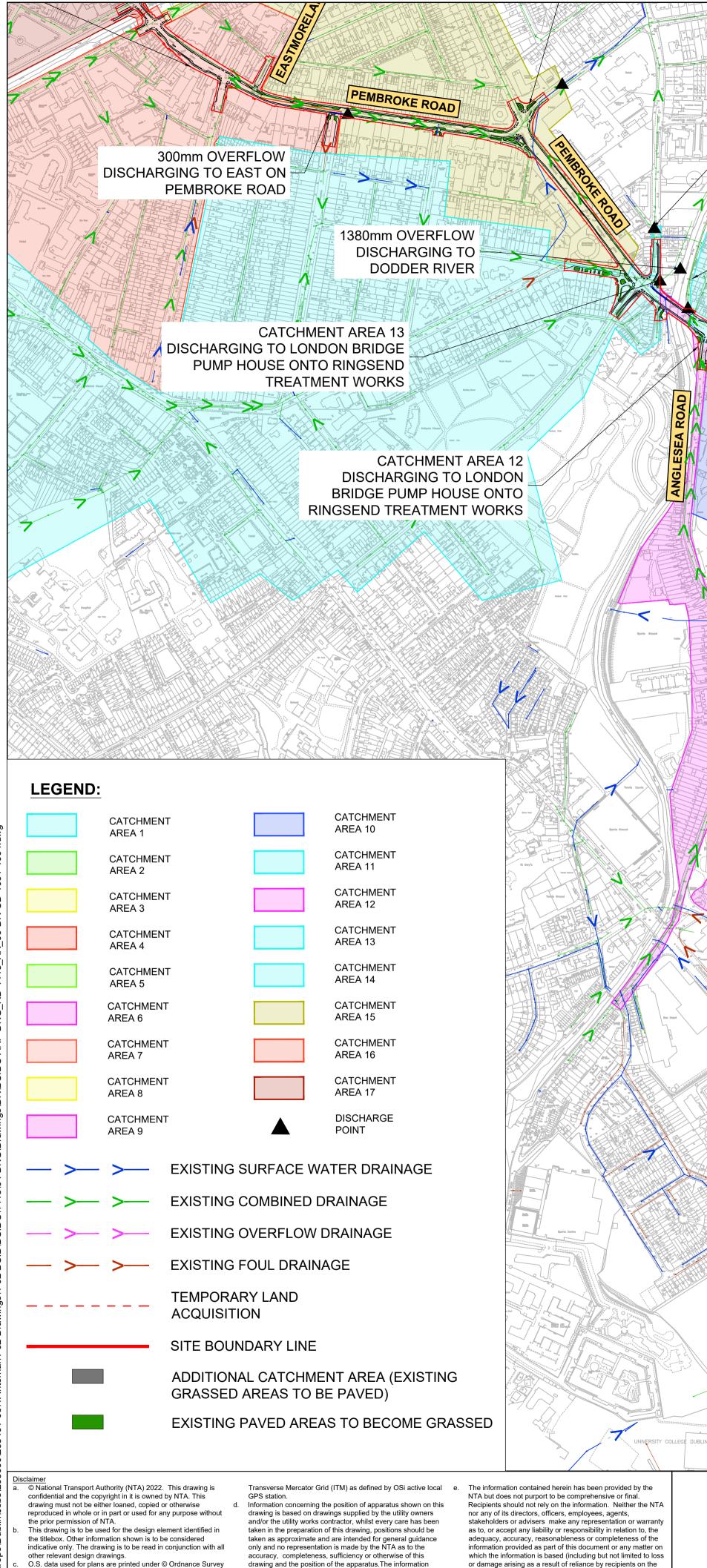


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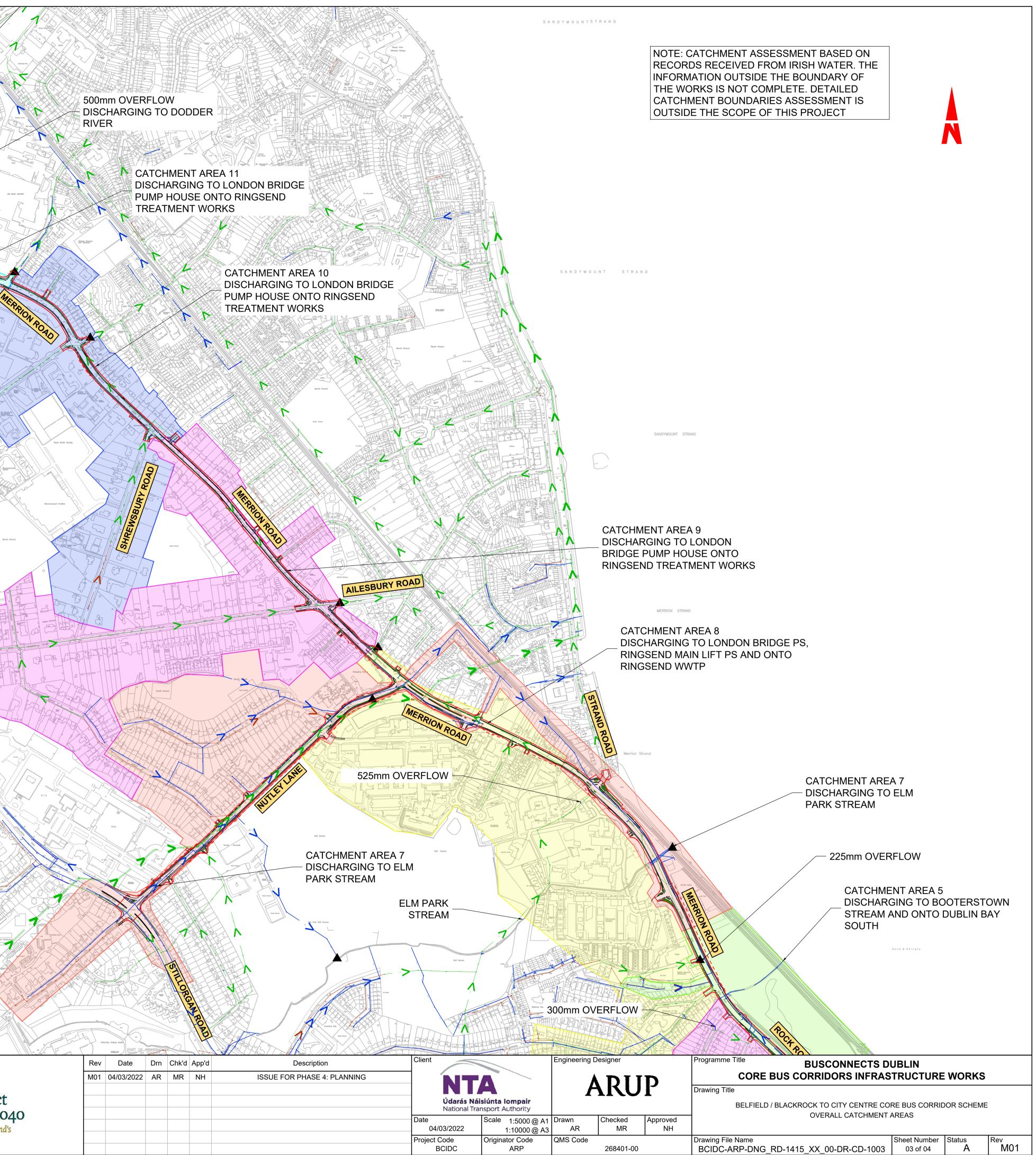
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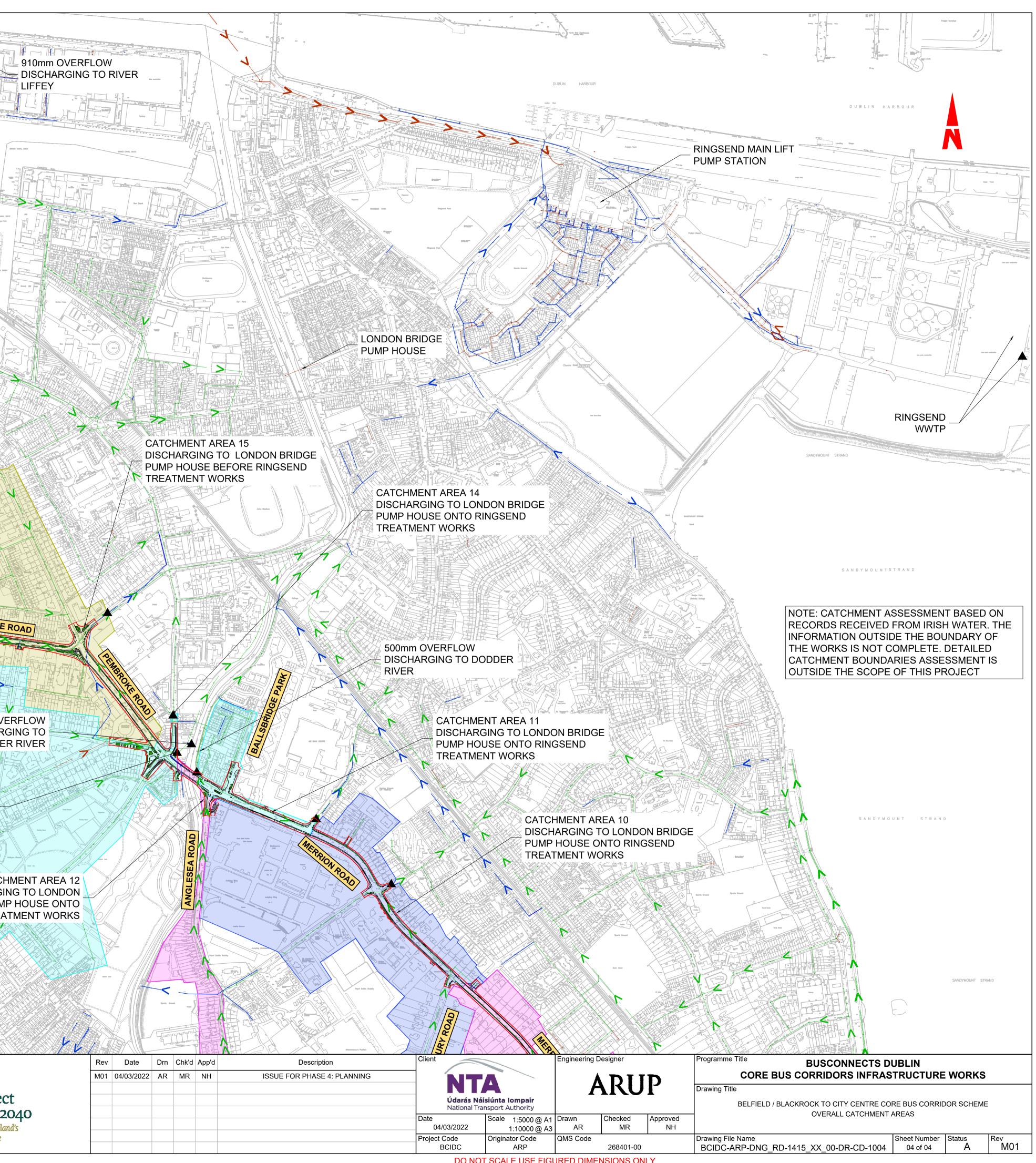
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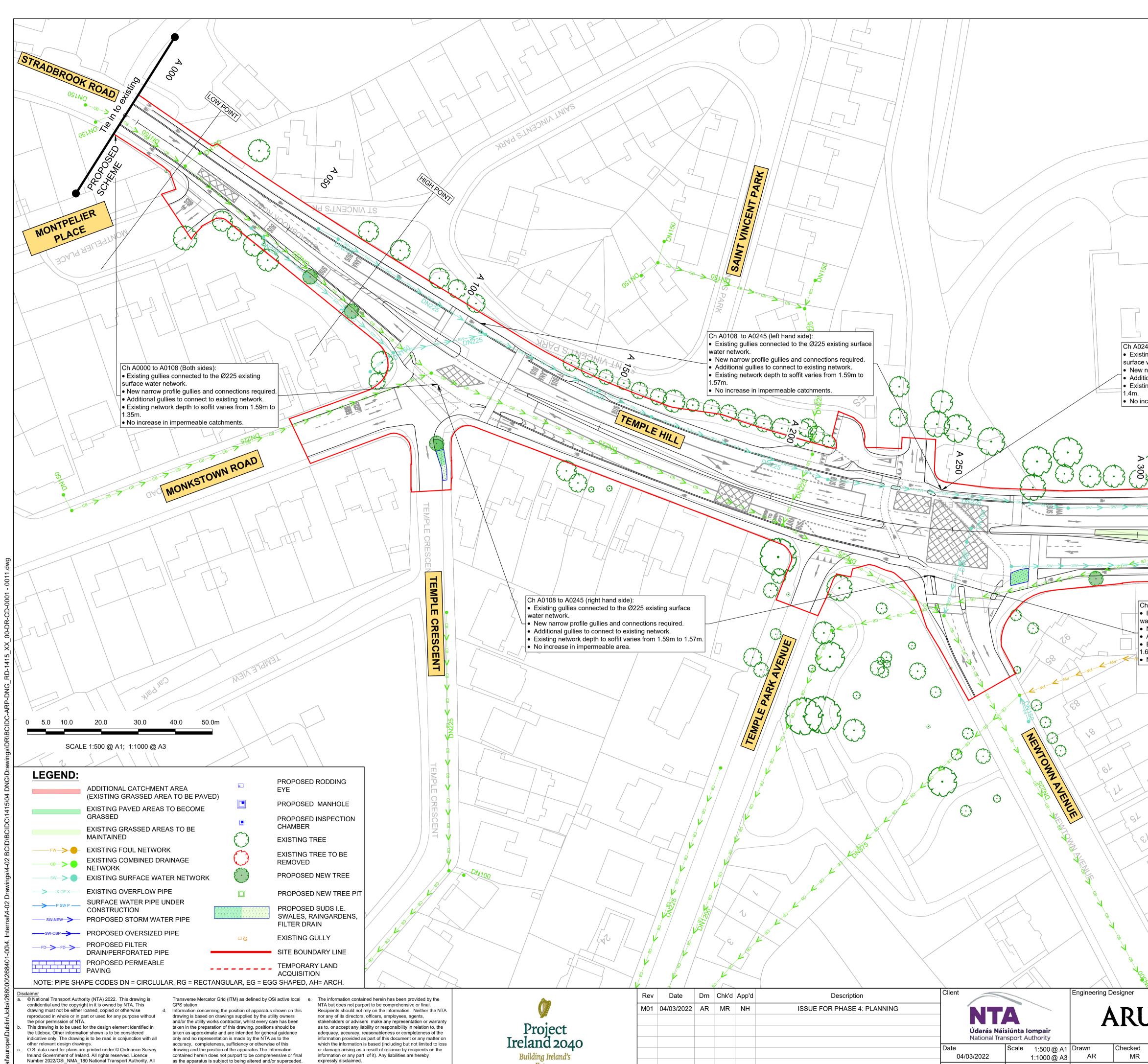


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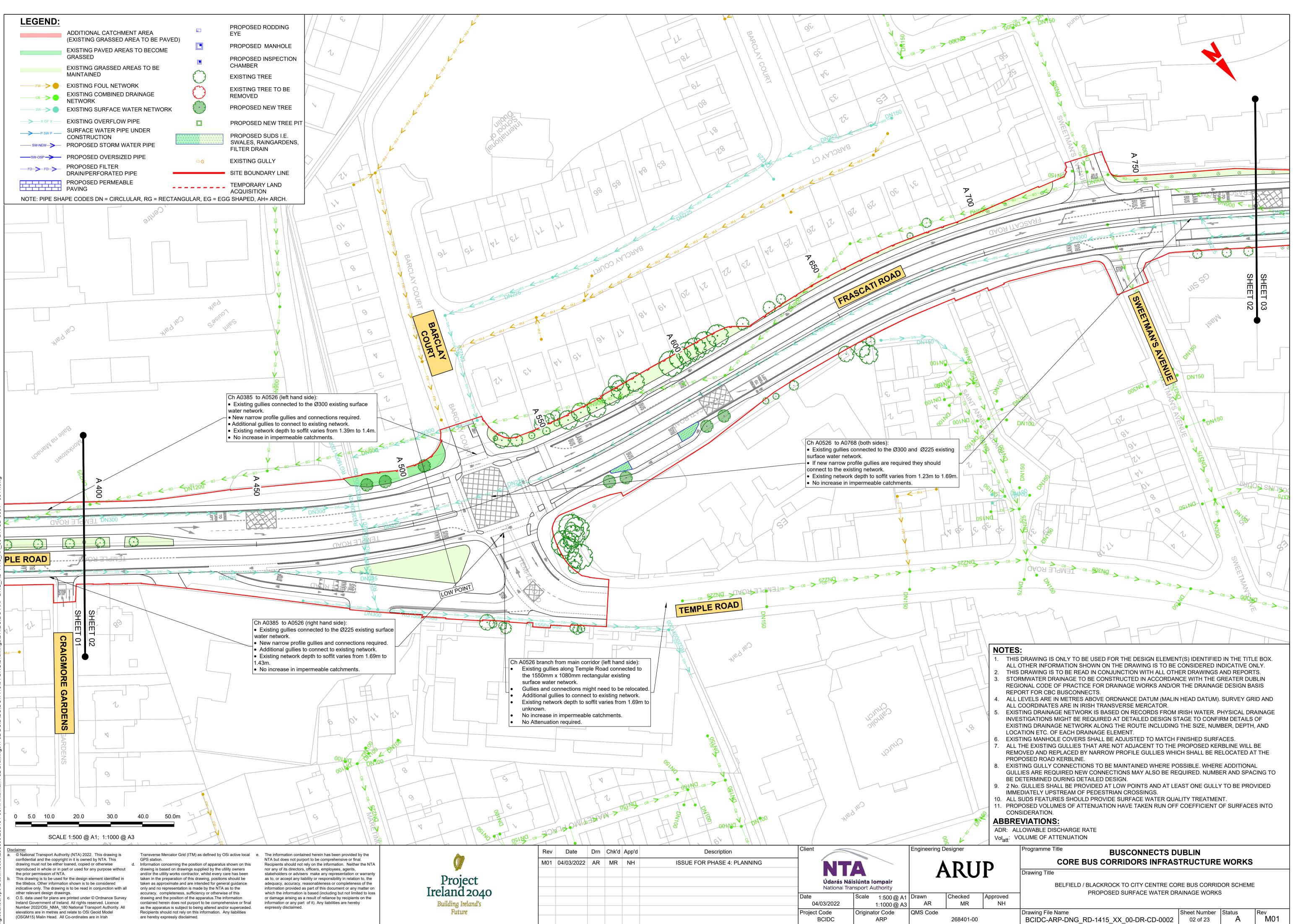
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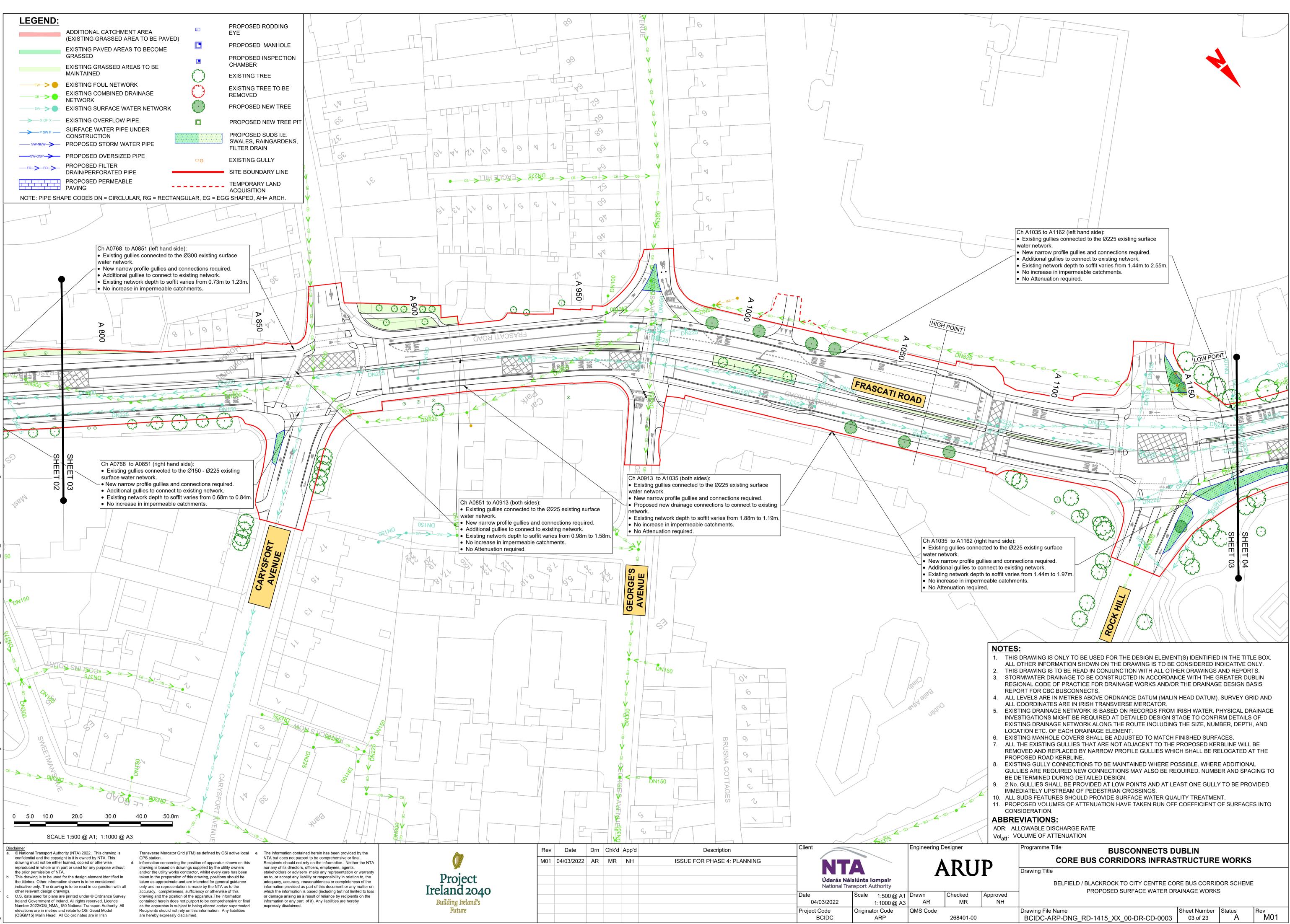
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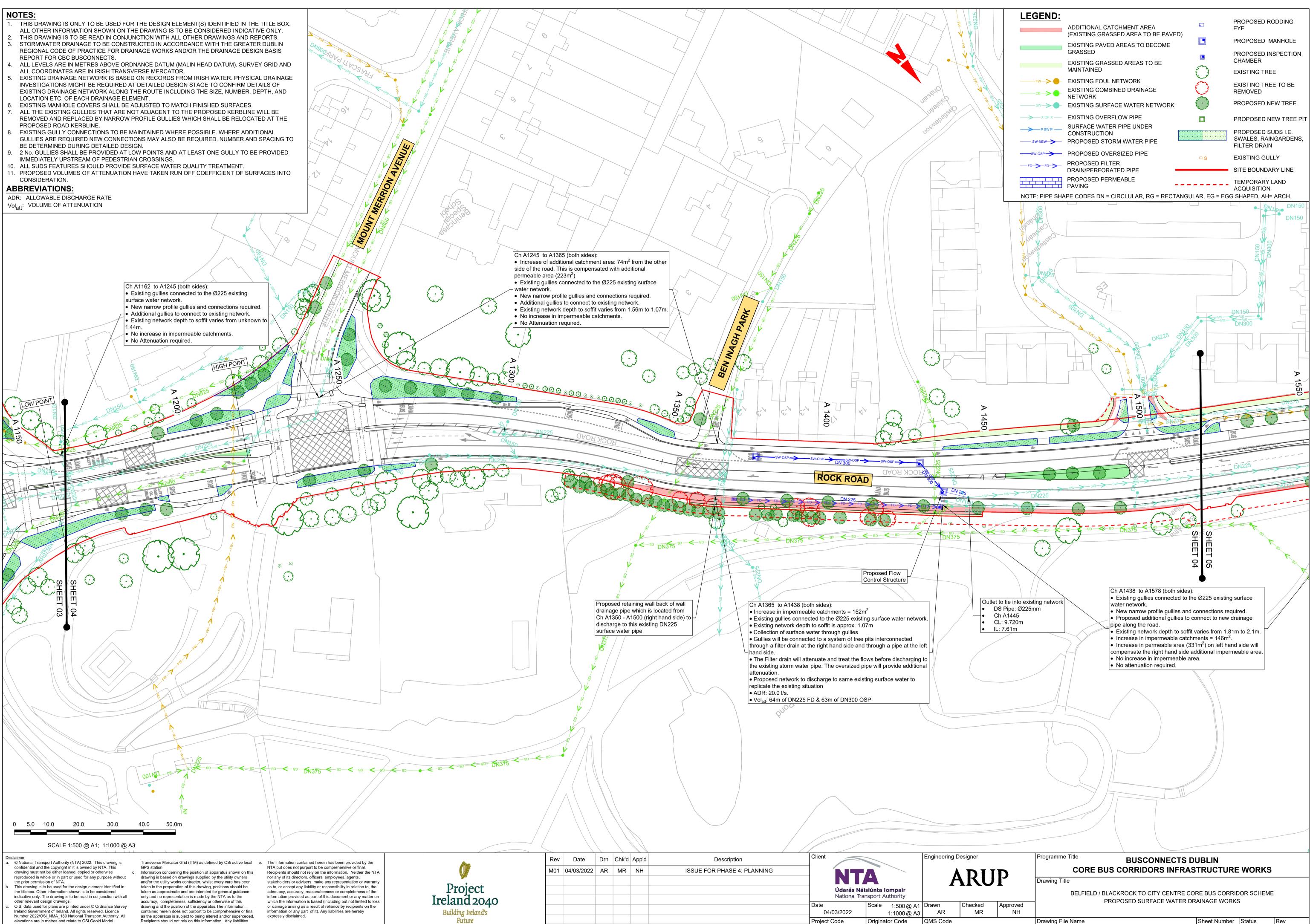


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- ALL THE EXISTING GULLIES THAT ARE NOT ADJACENT TO THE PROPOSED KERBLINE WILL BE REMOVED AND REPLACED BY NARROW PROFILE GULLIES WHICH SHALL BE RELOCATED AT THE PROPOSED ROAD KERBLINE
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(OSGM15) Malin Head. All Co-ordinates are in Irish

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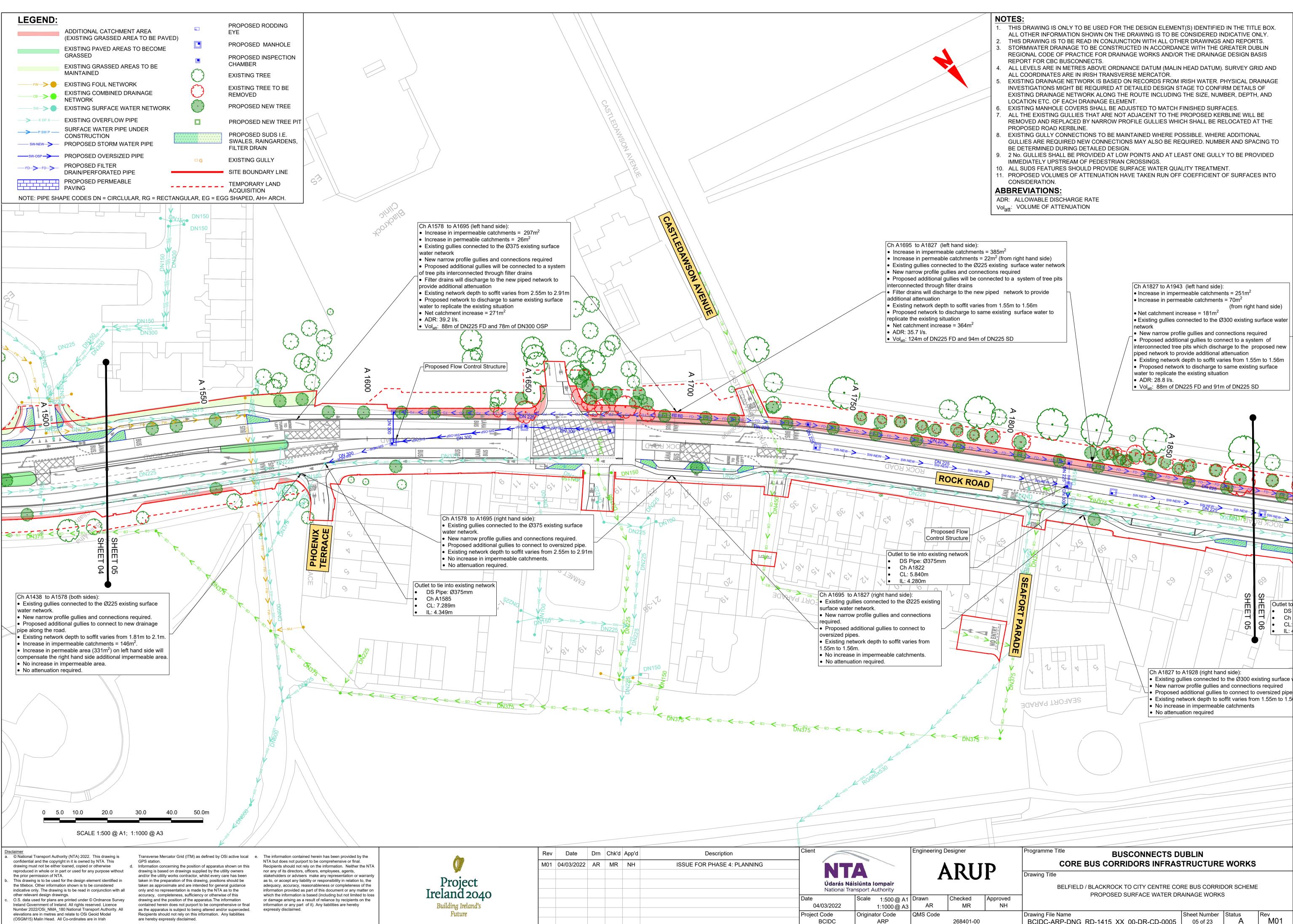
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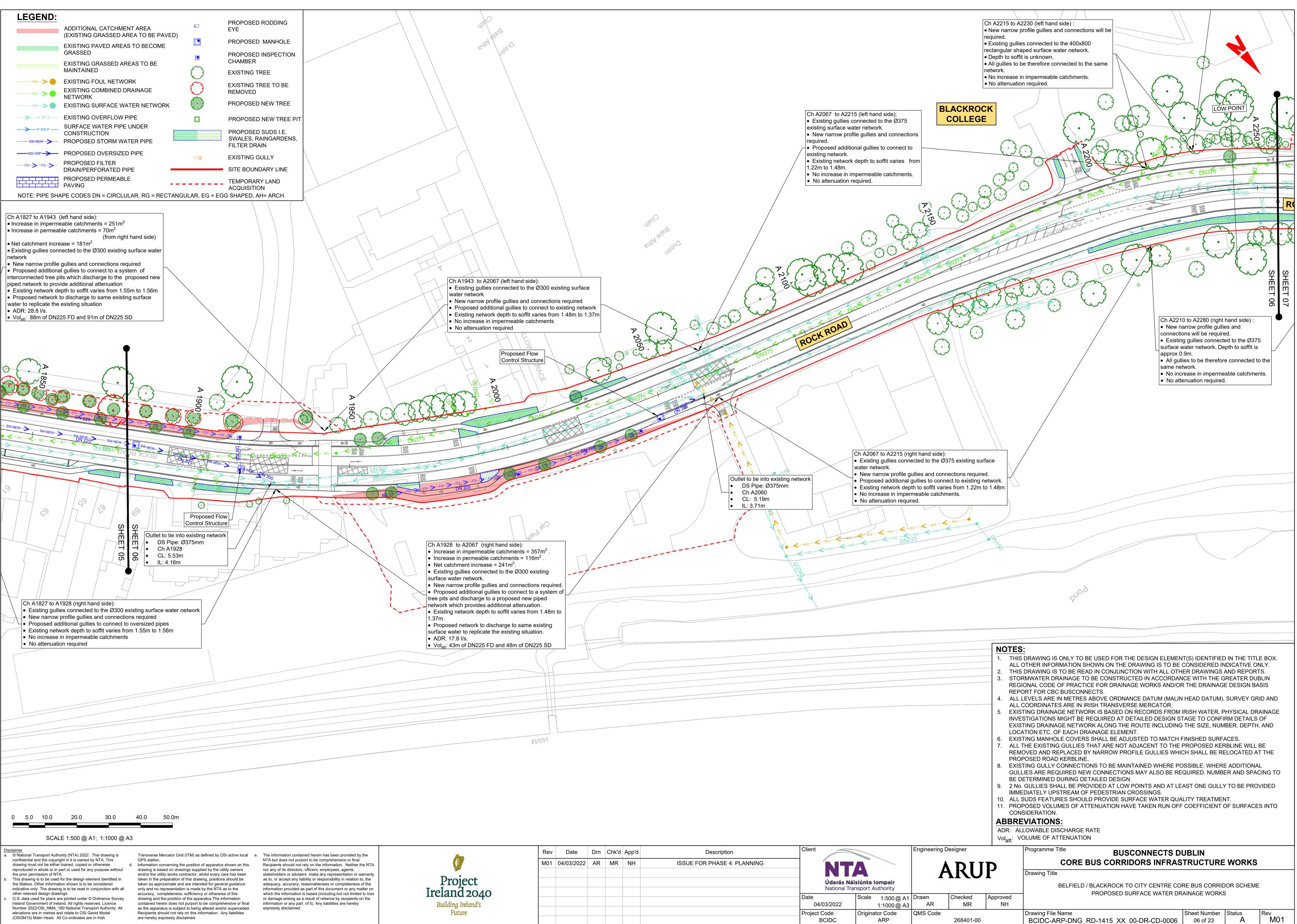
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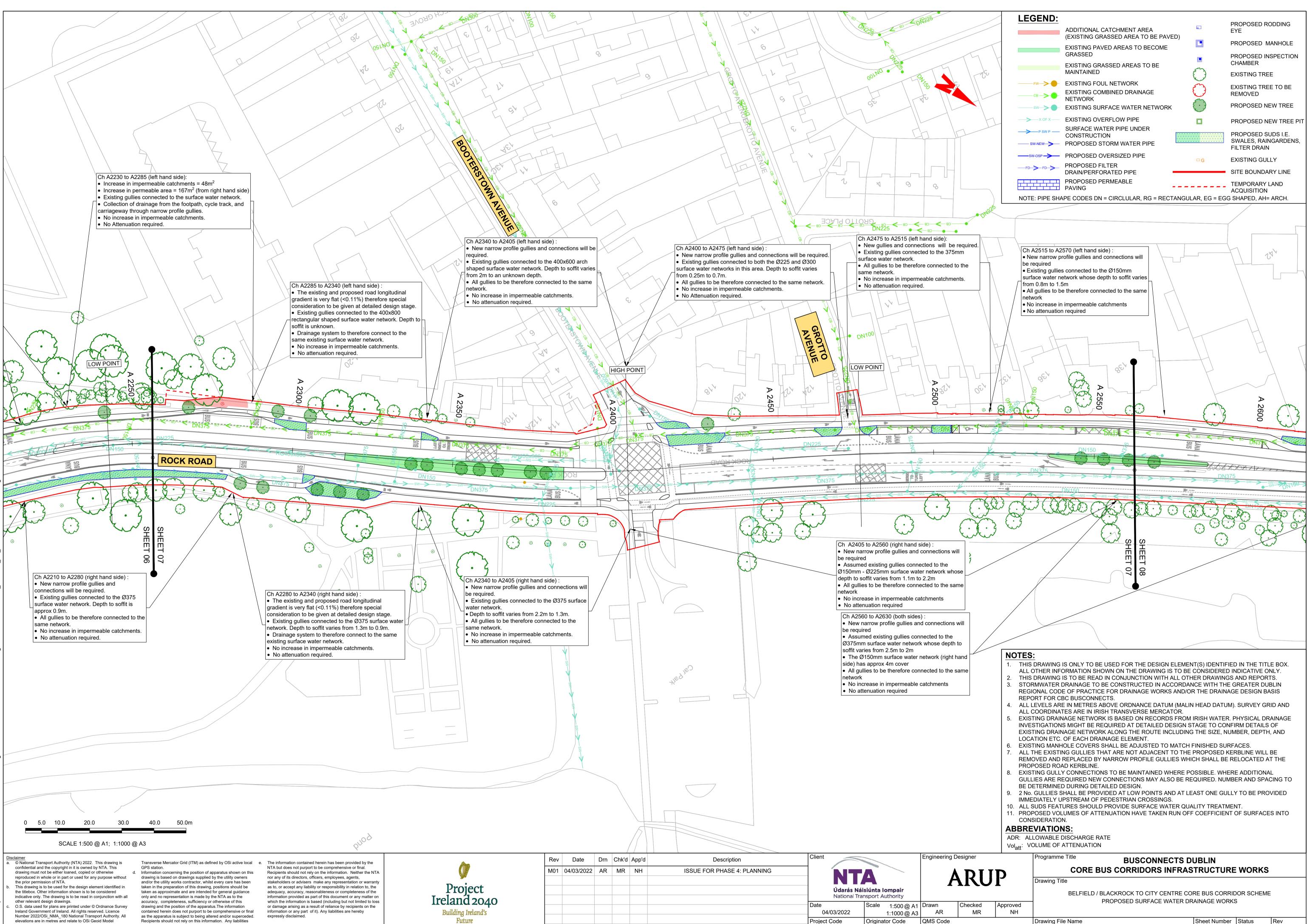
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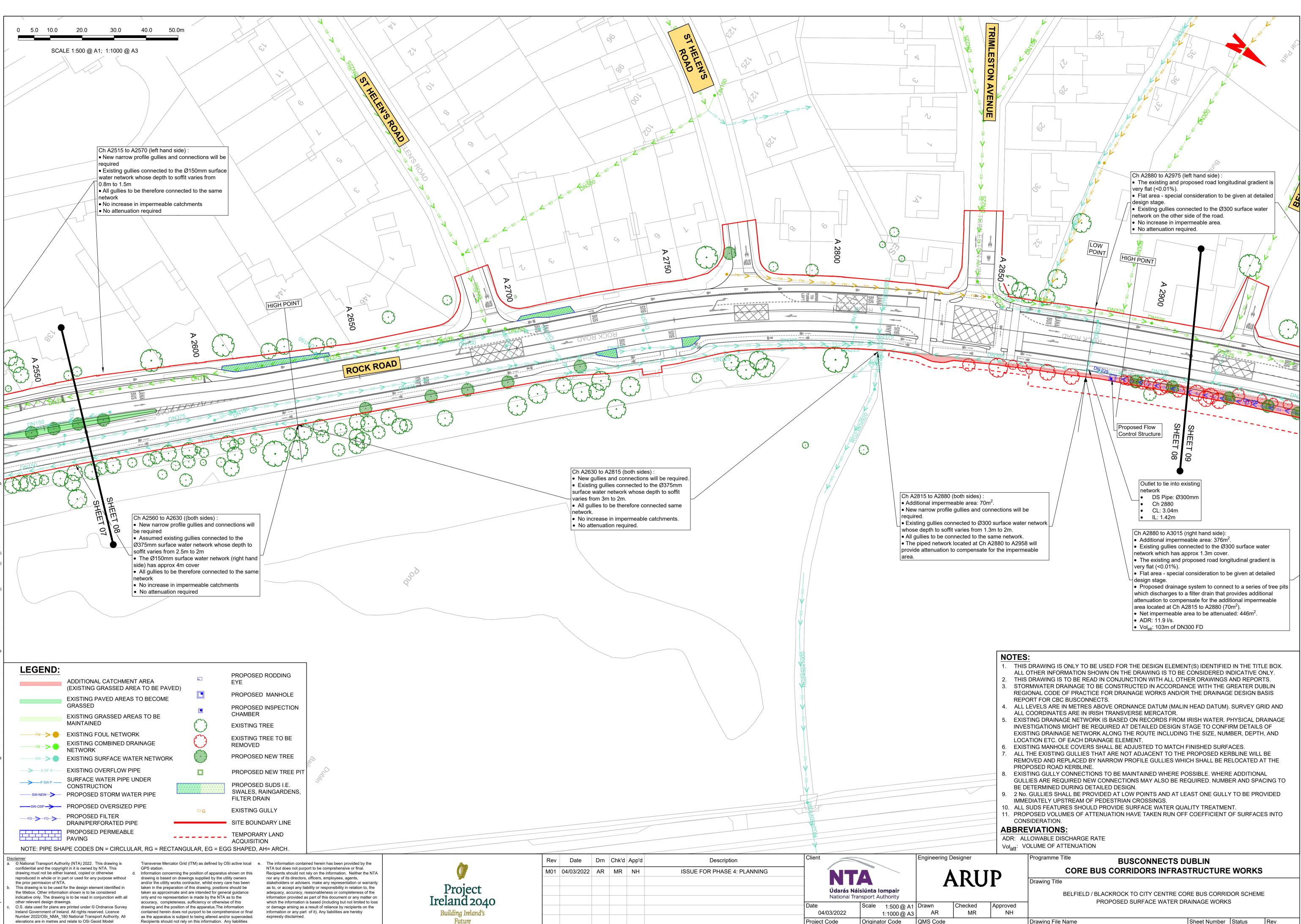


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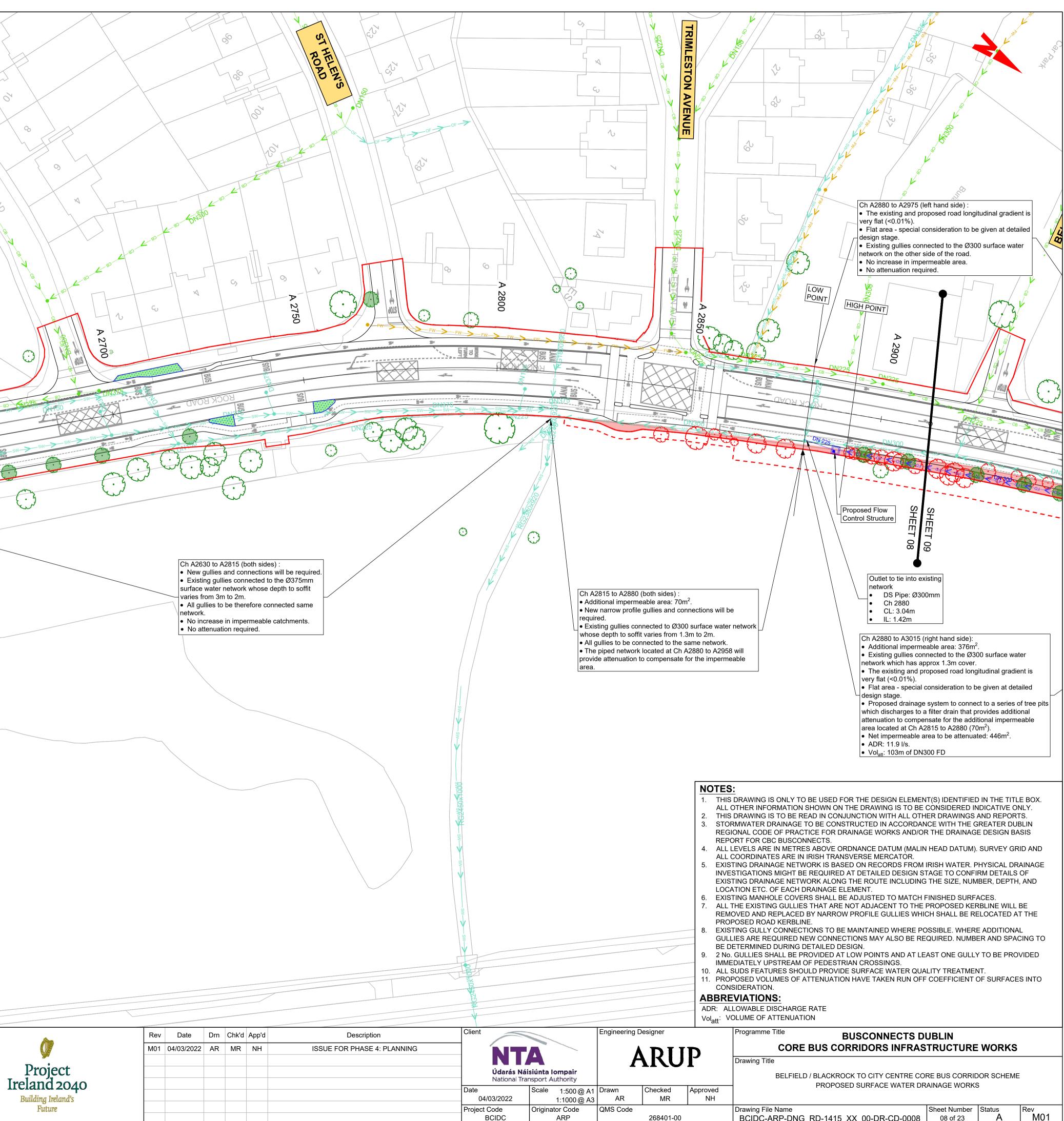
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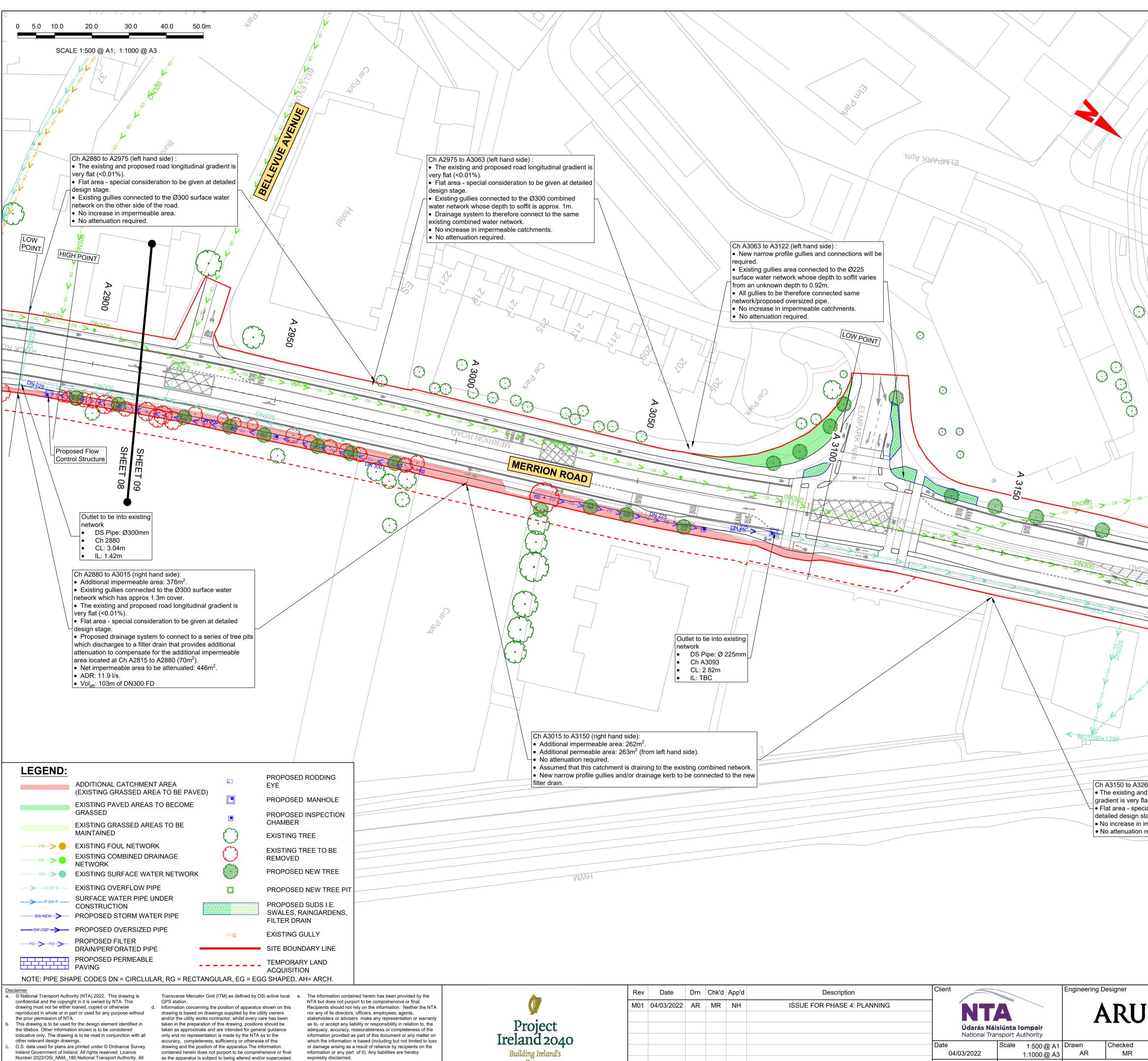


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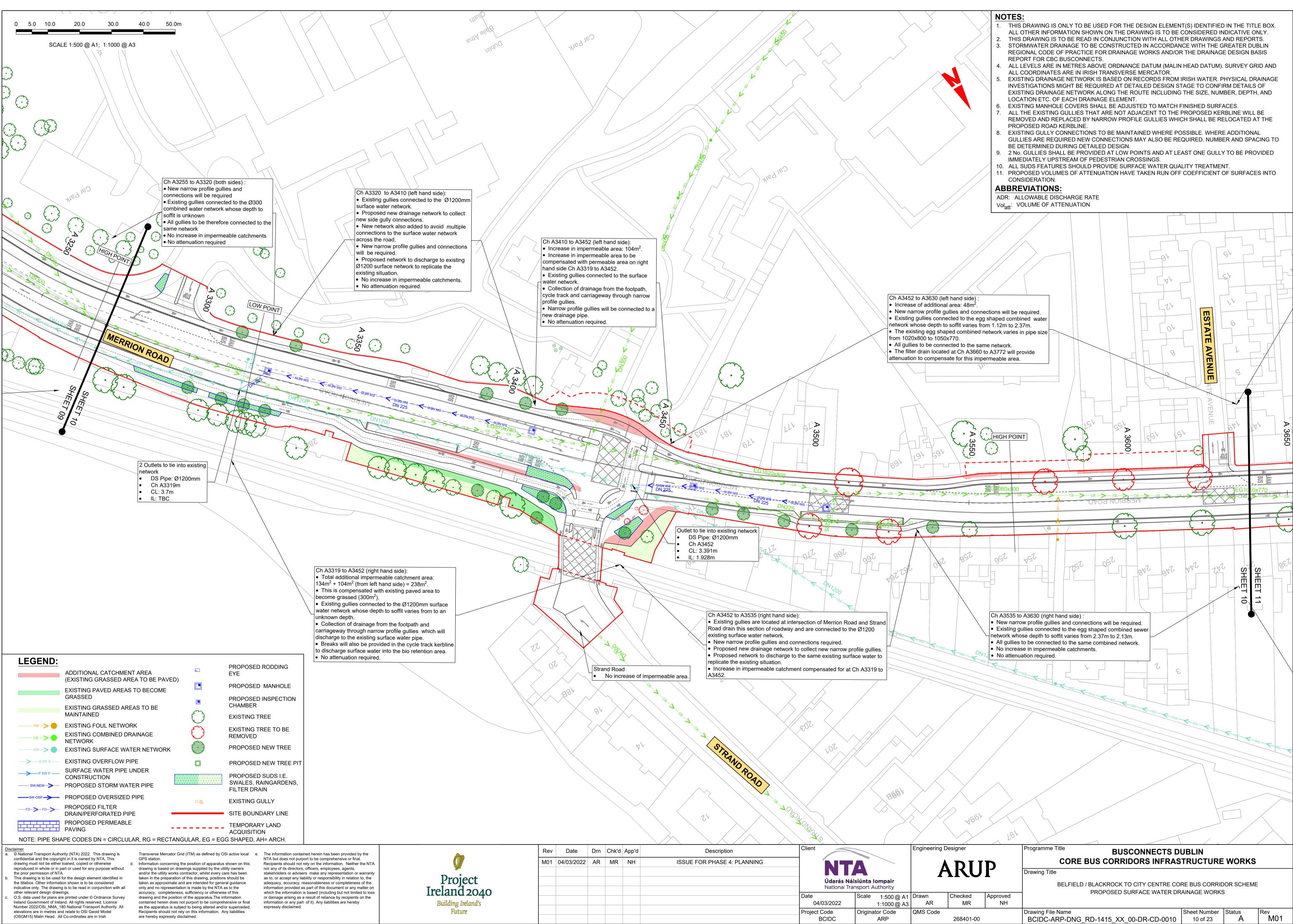
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND REPORTS. STORMWATER DRAINAGE TO BE CONSTRUCTED IN ACCORDANCE WITH THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS AND/OR THE DRAINAGE DESIGN BASIS
- REPORT FOR CBC BUSCONNECTS. ALL LEVELS ARE IN METRES ABOVE ORDNANCE 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 NARROW PROFILE GULLIES WHICH SHALL BE RELOCATED AT 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 AT LEAST ONE GULLY TO BE PROVIDED IMMEDIATELY UPSTREAM OF PEDESTRIAN CROSSINGS. 10. ALL SUDS FEATURES SHOULD PROVIDE SURFACE WATER QUALITY TREATMENT.
- 11. PROPOSED VOLUMES OF ATTENUATION HAVE TAKEN RUN OFF COEFFICIENT OF SURFACES INTO CONSIDERATION.

## **ABBREVIATIONS:**

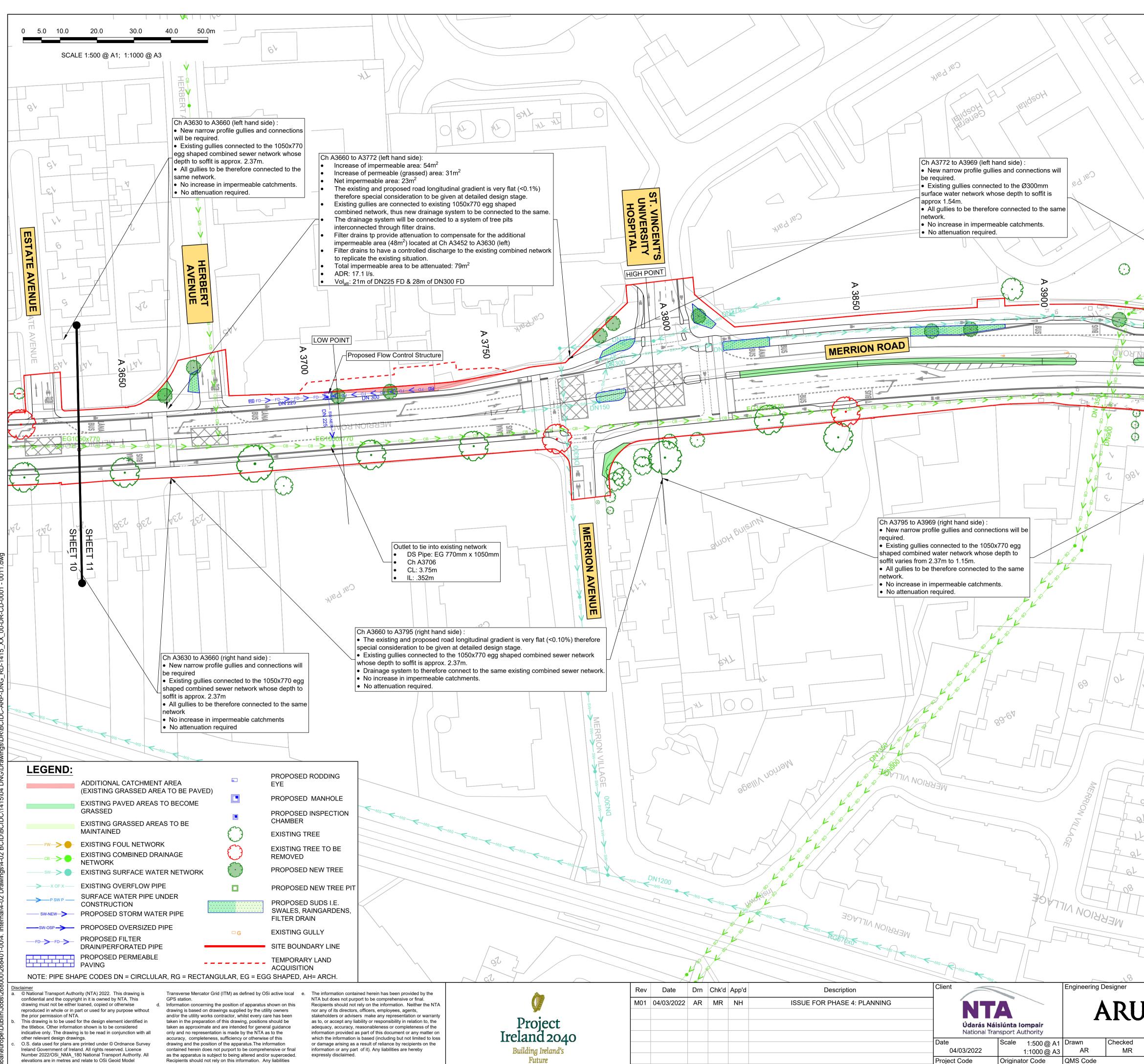
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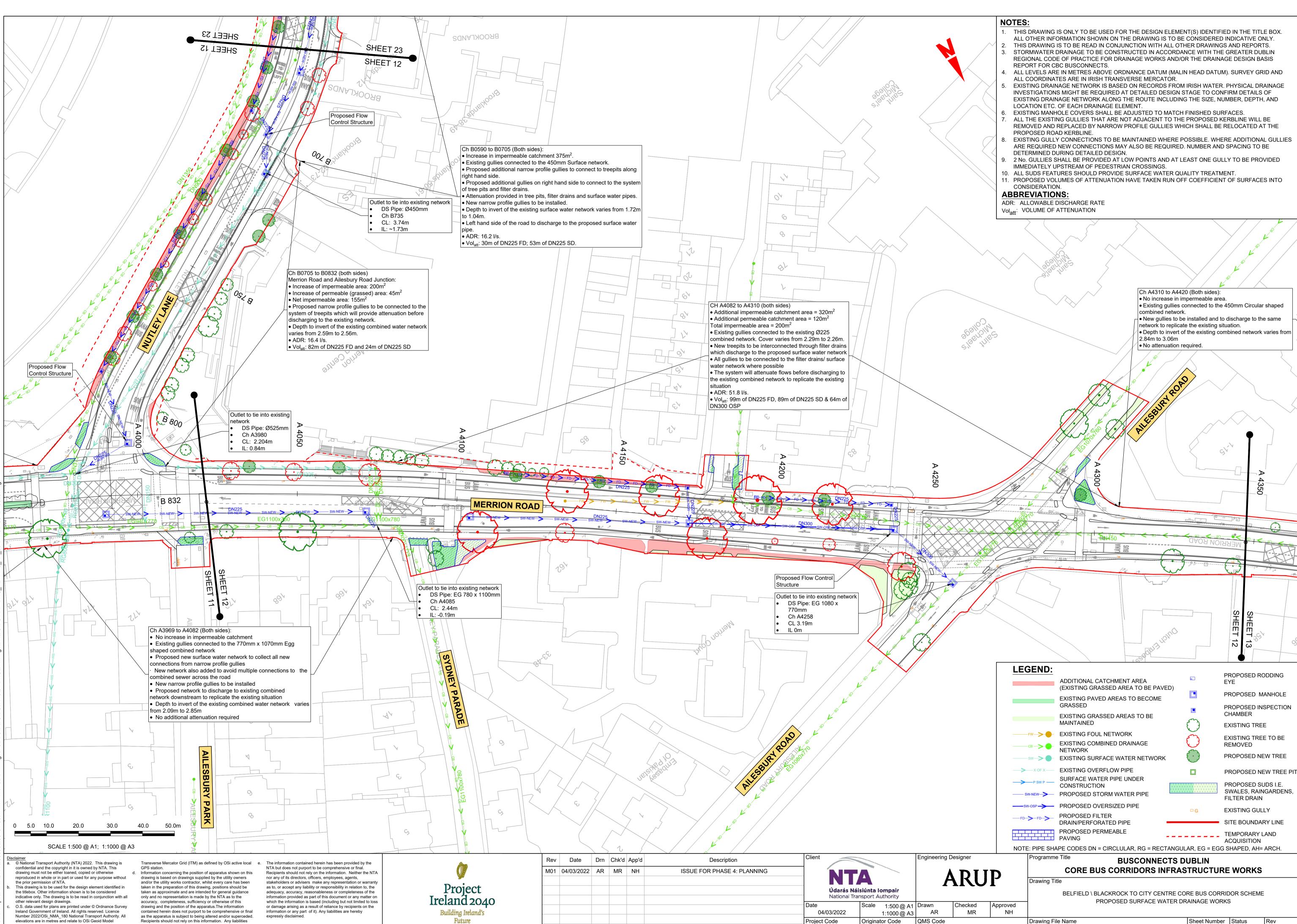
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<ol> <li>THIS DRAWING IS TO BE READ IN CONJUNCTION WITH AI</li> <li>STORMWATER DRAINAGE TO BE CONSTRUCTED IN ACCORDINATE OF PRACTICE FOR DRAINAGE WORKS A REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS A REPORT FOR CBC BUSCONNECTS.</li> <li>ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM</li> </ol>	ORDANCE WITH THE GREATER DUBLIN AND/OR THE DRAINAGE DESIGN BASIS
<ul> <li>ALL COORDINATES ARE IN IRISH TRANSVERSE MERCATOR</li> <li>5. EXISTING DRAINAGE NETWORK IS BASED ON RECORDS</li> <li>INVESTIGATIONS MIGHT BE REQUIRED AT DETAILED DES</li> <li>EXISTING DRAINAGE NETWORK ALONG THE ROUTE INCL</li> <li>LOCATION ETC. OF EACH DRAINAGE ELEMENT.</li> </ul>	FROM IRISH WATER. PHYSICAL DRAINAGE SIGN STAGE TO CONFIRM DETAILS OF
<ol> <li>EXISTING MANHOLE COVERS SHALL BE ADJUSTED TO M</li> <li>ALL THE EXISTING GULLIES THAT ARE NOT ADJACENT TO REMOVED AND REPLACED BY NARROW PROFILE GULLIE PROPOSED ROAD KERBLINE.</li> <li>EXISTING GULLY CONNECTIONS TO BE MAINTAINED WHE</li> </ol>	O THE PROPOSED KERBLINE WILL BE S WHICH SHALL BE RELOCATED AT THE
<ul> <li>GULLIES ARE REQUIRED NEW CONNECTIONS MAY ALSO BE DETERMINED DURING DETAILED DESIGN.</li> <li>9. 2 No. GULLIES SHALL BE PROVIDED AT LOW POINTS AND IMMEDIATELY UPSTREAM OF PEDESTRIAN CROSSINGS.</li> </ul>	BE REQUIRED. NUMBER AND SPACING TO AT LEAST ONE GULLY TO BE PROVIDED
<ul> <li>10. ALL SUDS FEATURES SHOULD PROVIDE SURFACE WATE</li> <li>11. PROPOSED VOLUMES OF ATTENUATION HAVE TAKEN RUCONSIDERATION.</li> <li>ABBREVIATIONS:</li> <li>ADD: ALLOWABLE DISCHARGE PATE</li> </ul>	
ADR: ALLOWABLE DISCHARGE RATE Vol <sub>att</sub> : VOLUME OF ATTENUATION  Programme Title BUSCONNEC CORE BUS CORRIDORS INF	
Drawing Title BELFIELD / BLACKROCK TO CITY CENT	

Approved

NH

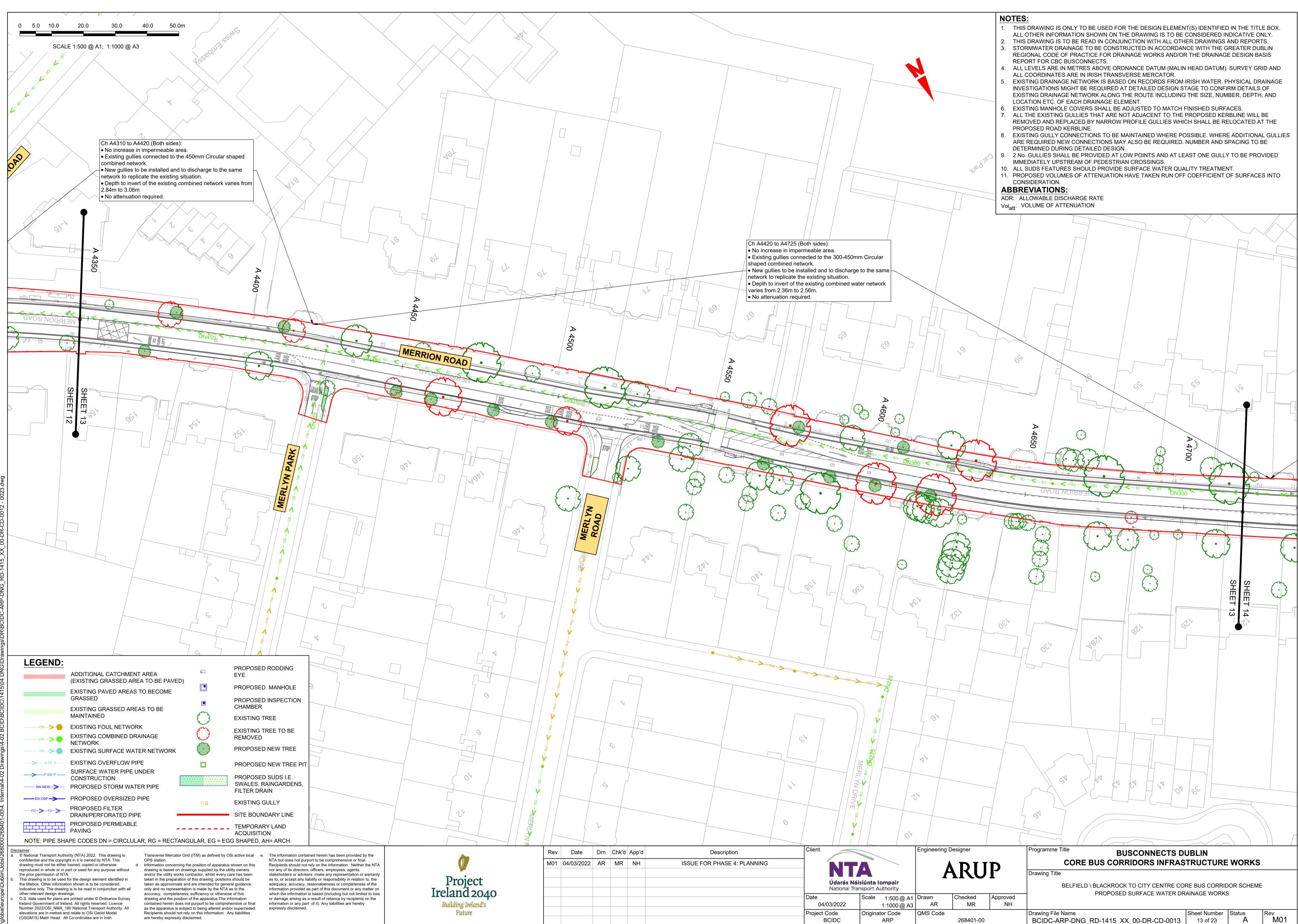
PROPOSED SURFACE WATER DRAINAGE WORKS



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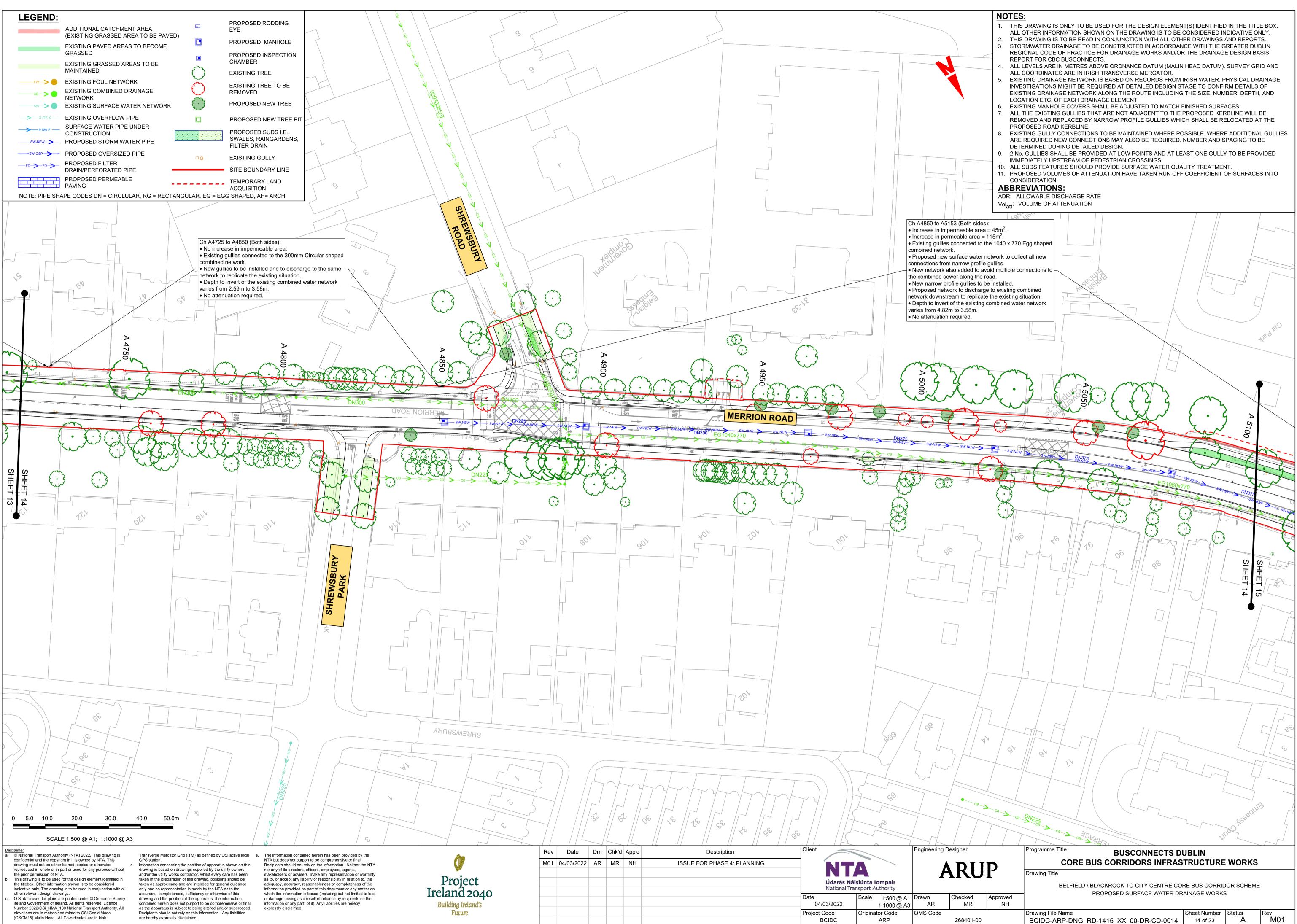
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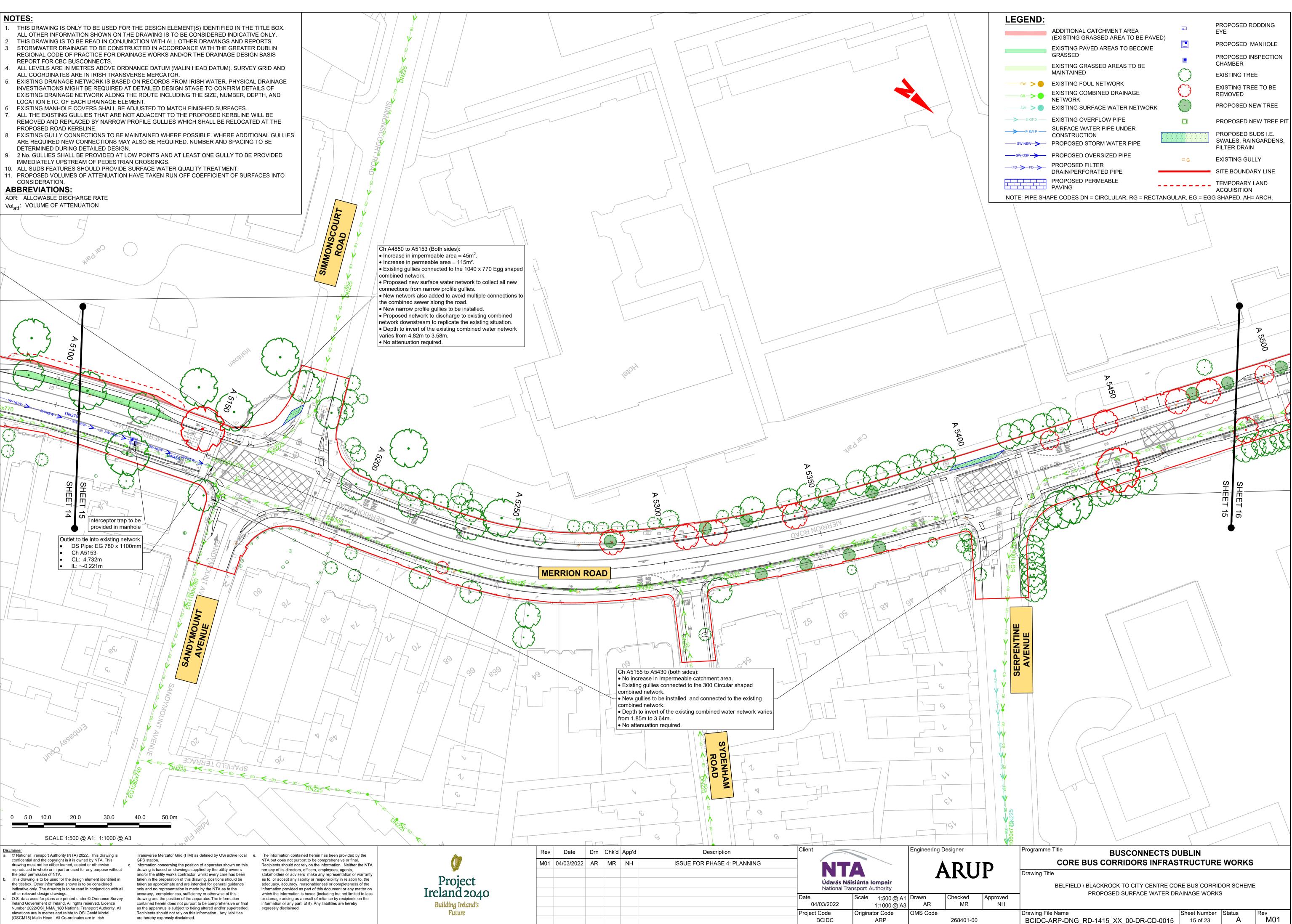
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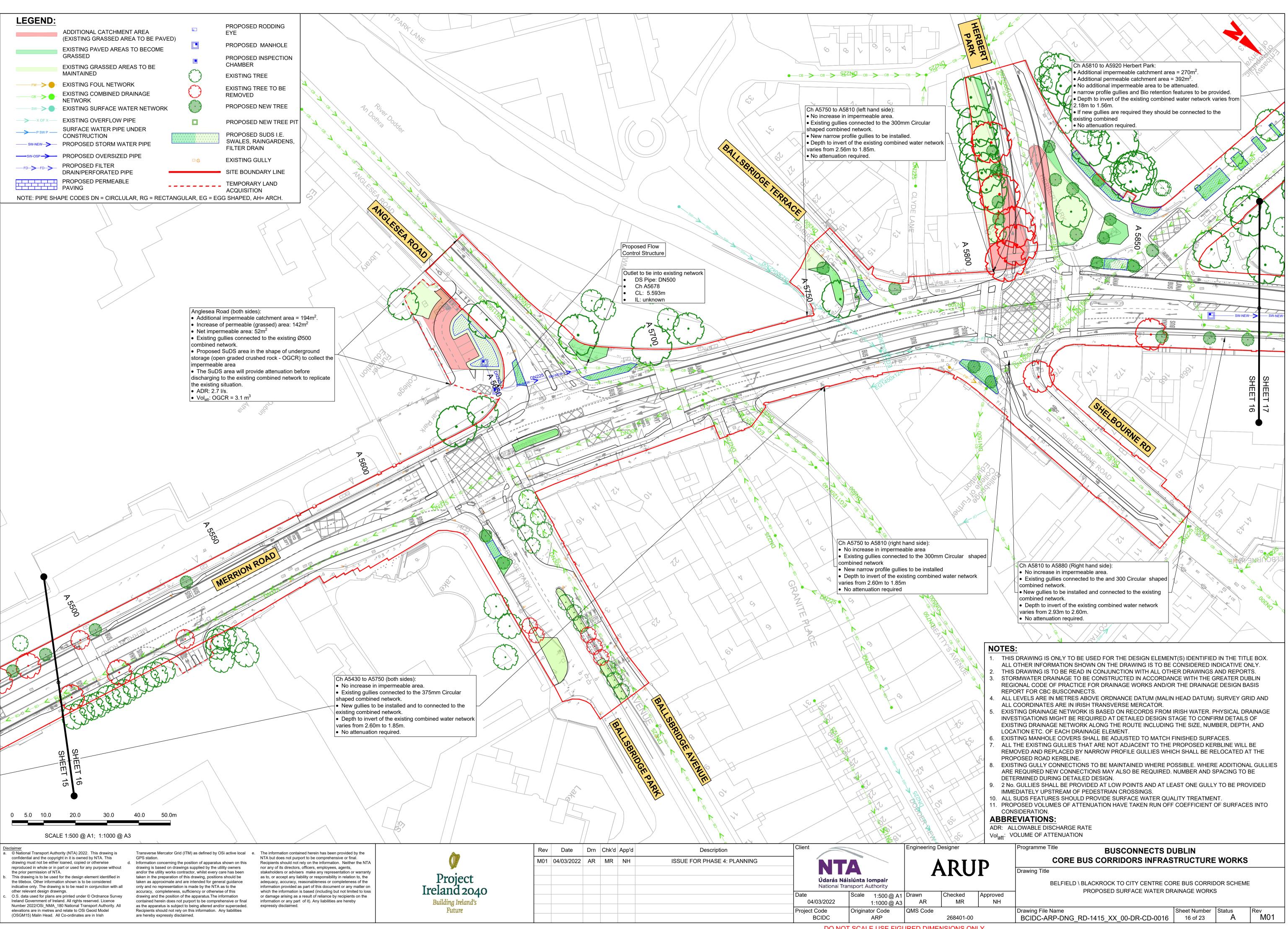
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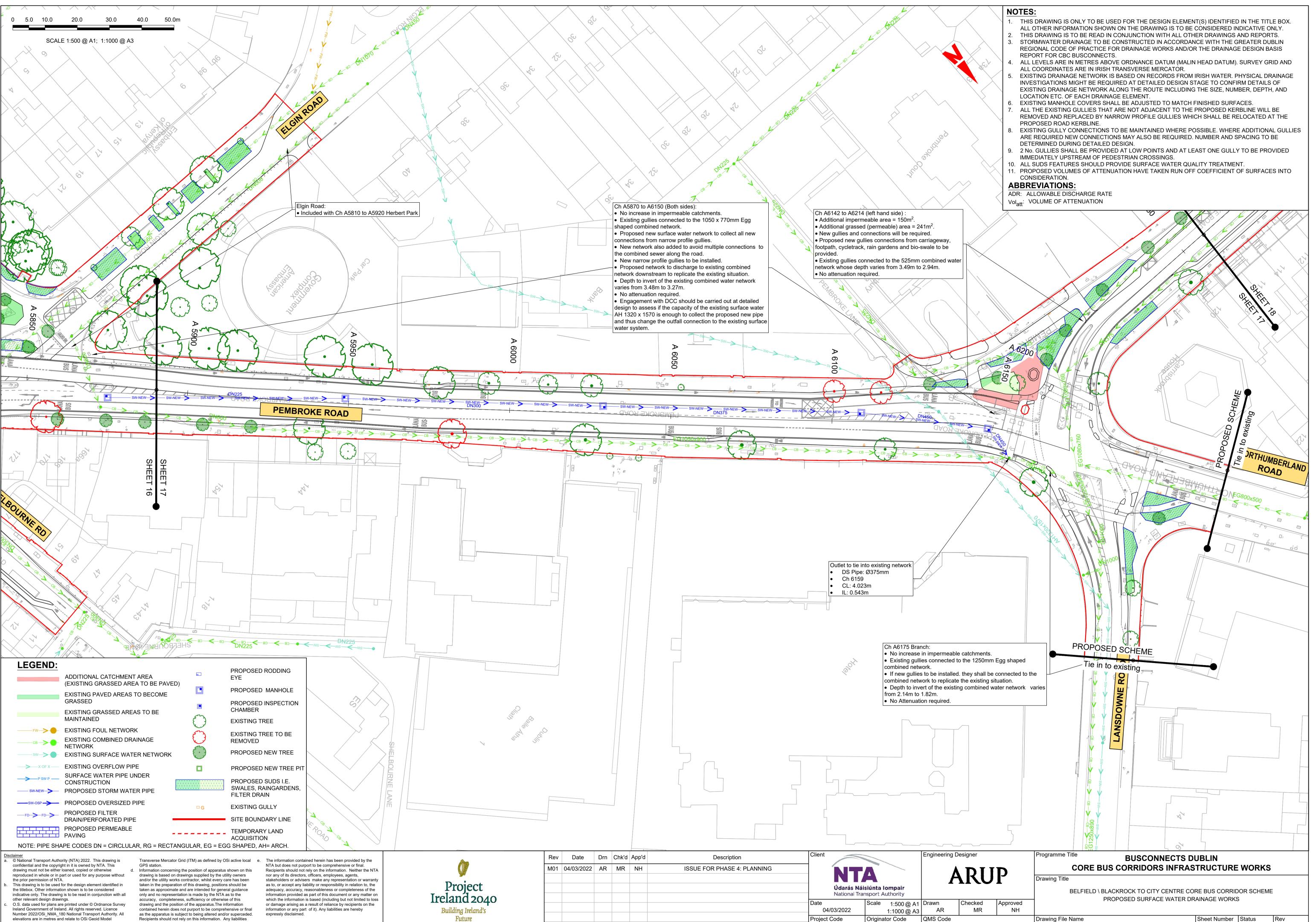
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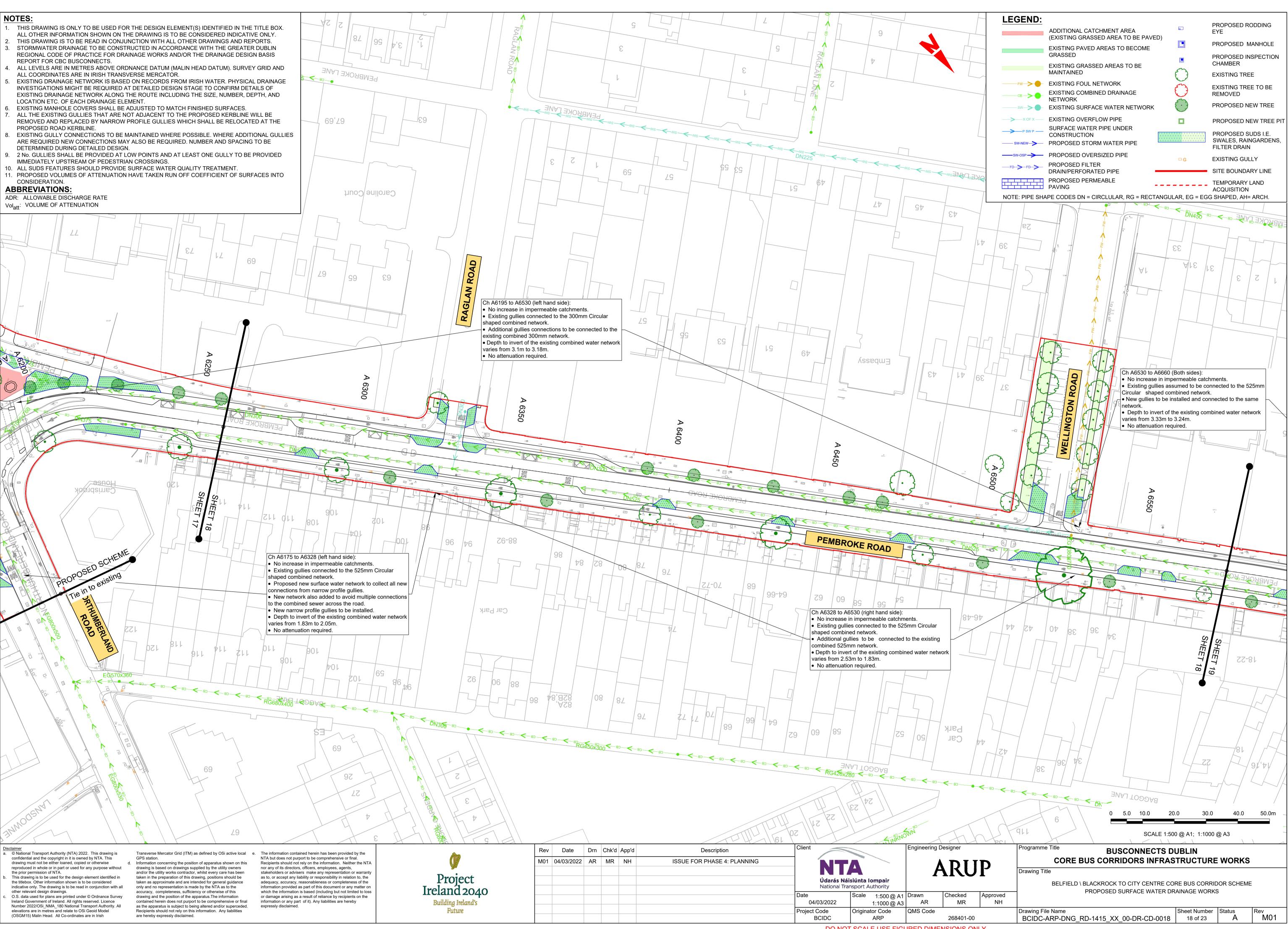
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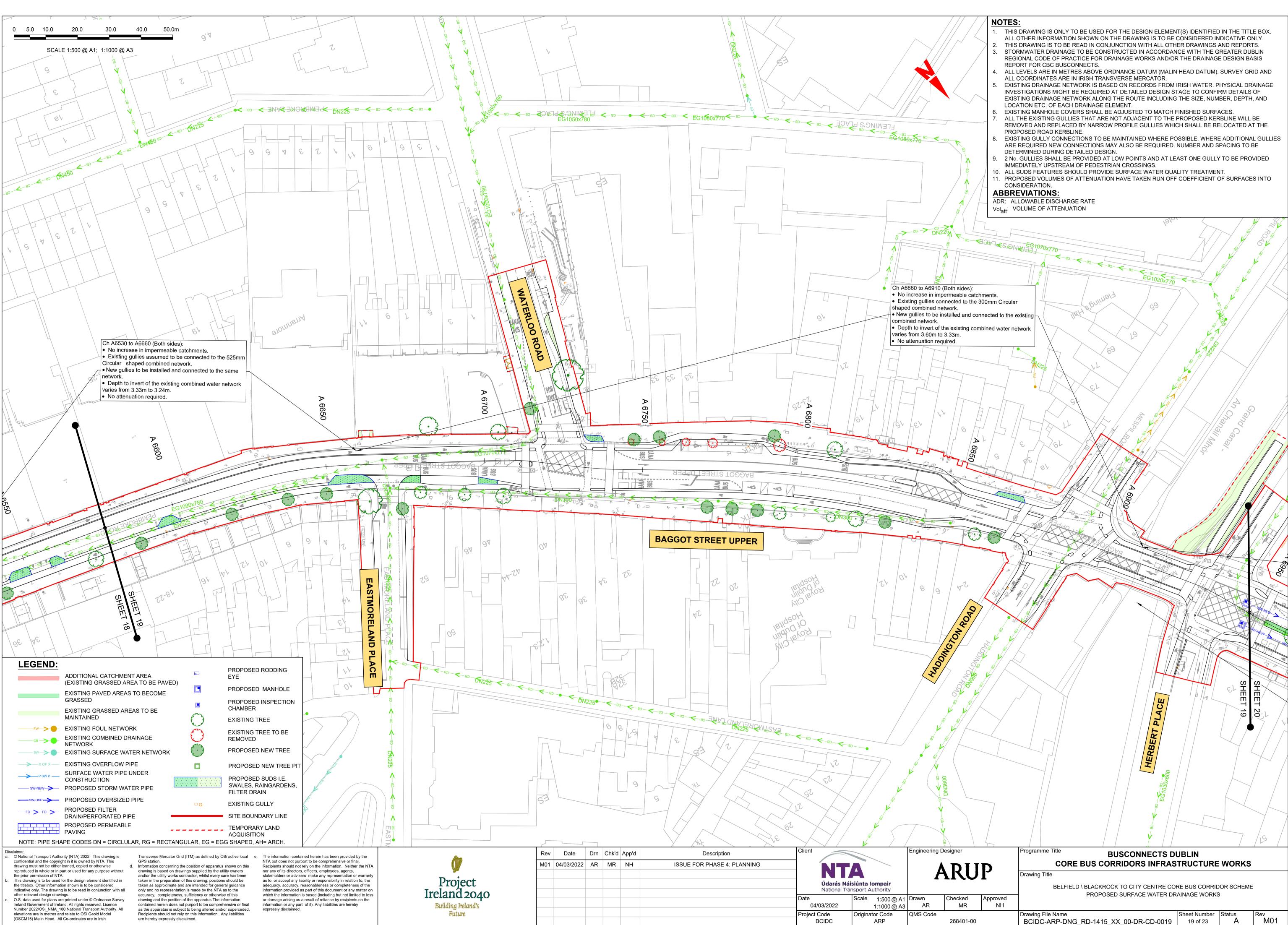
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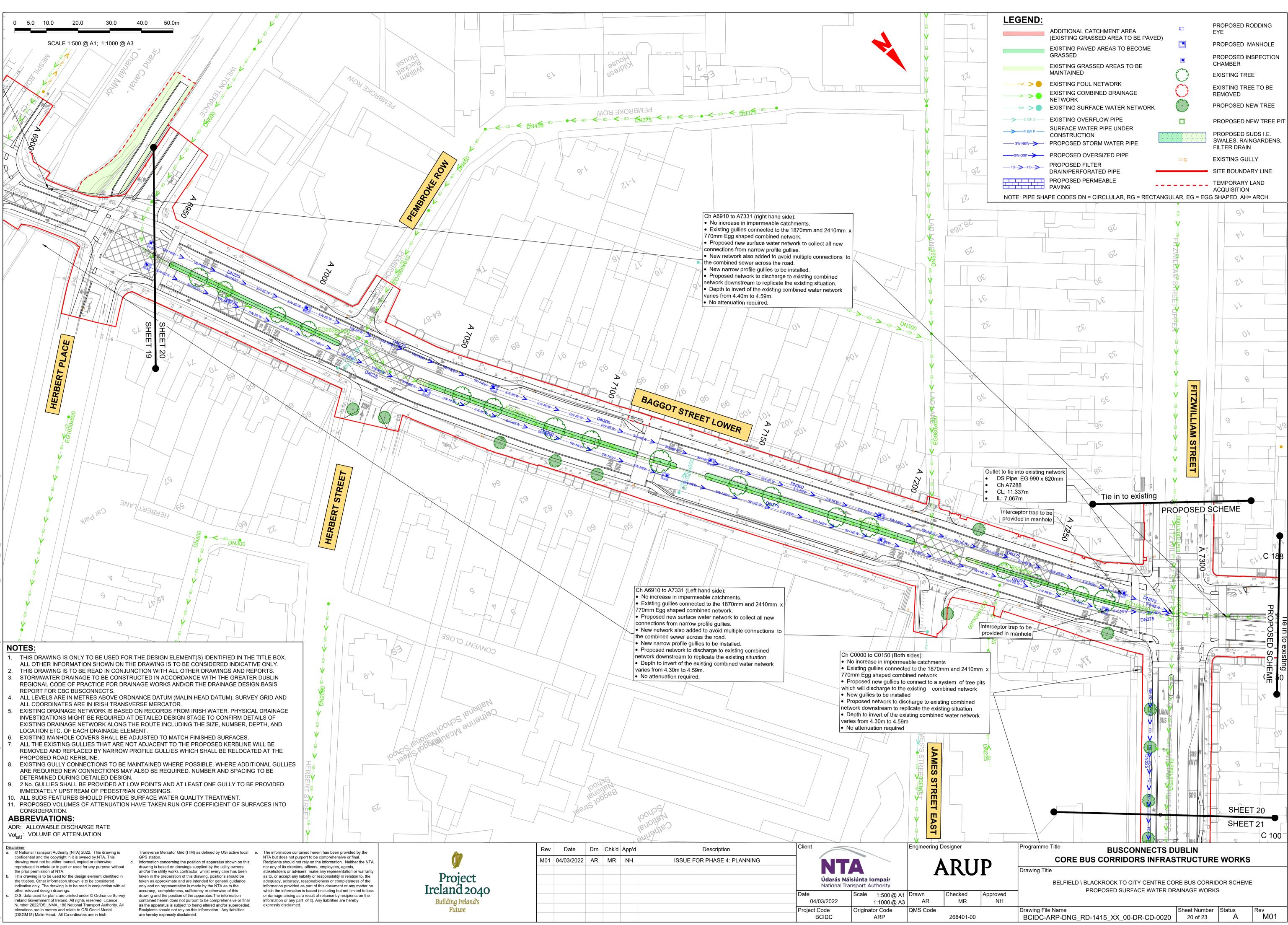


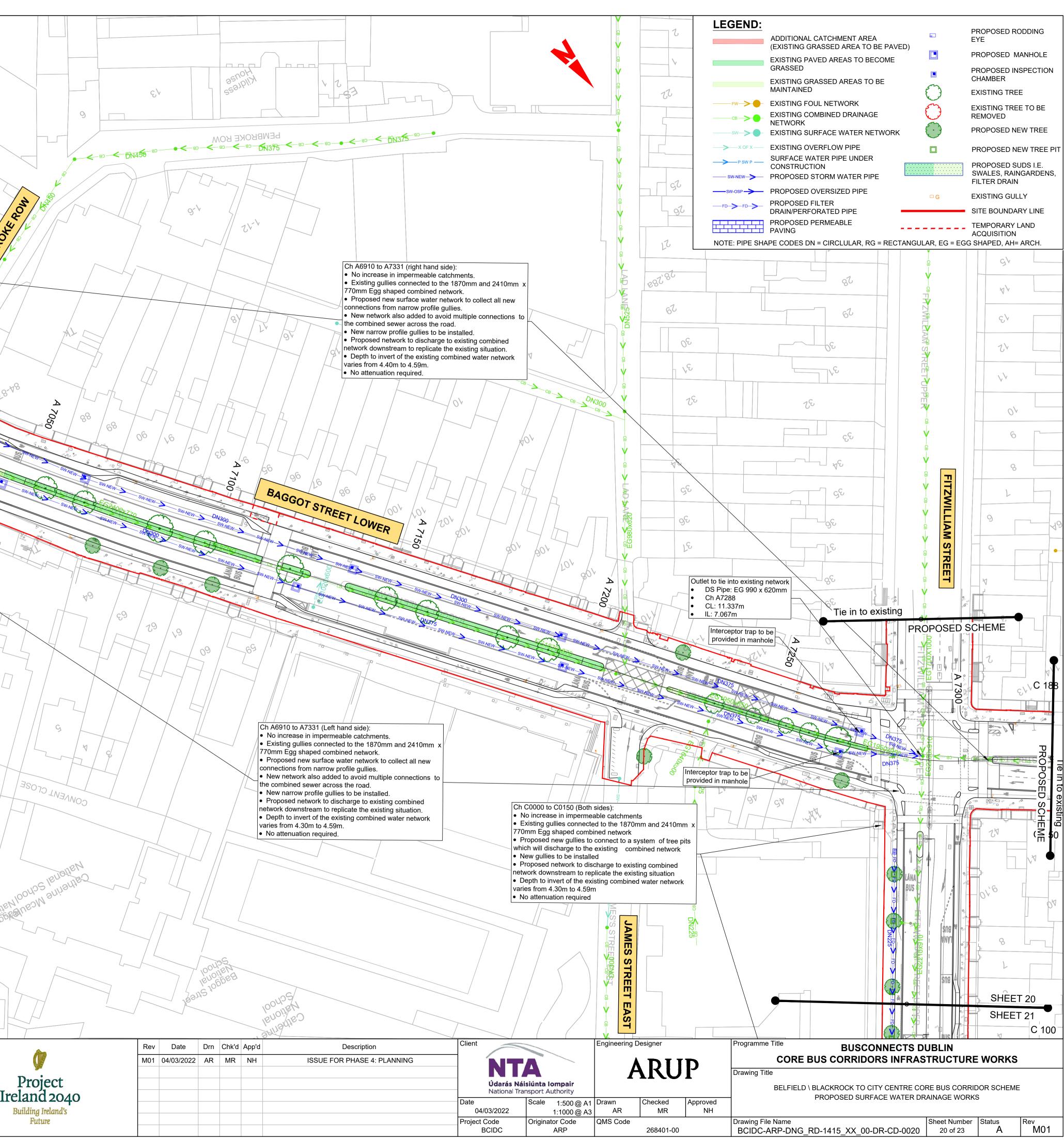
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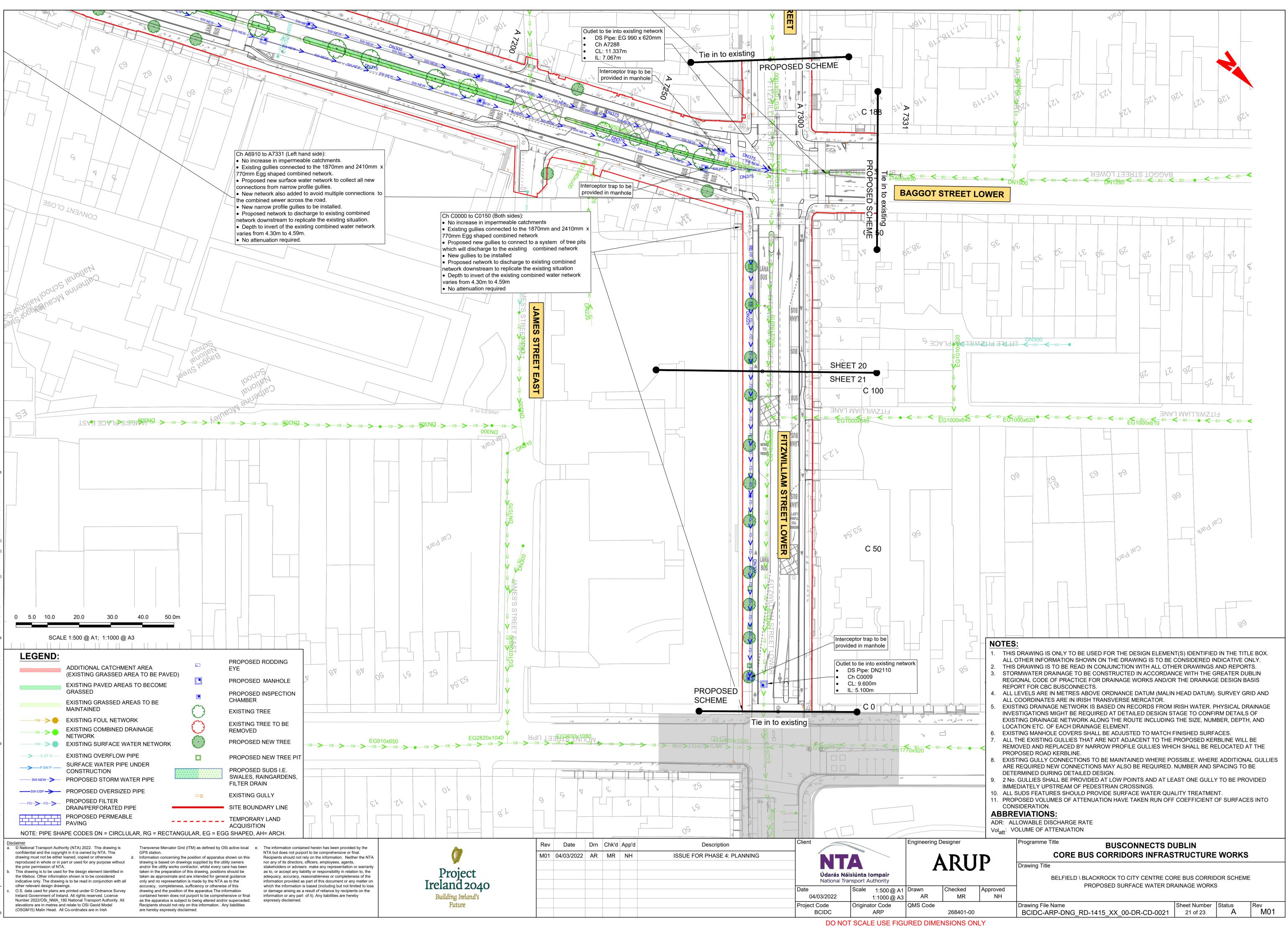




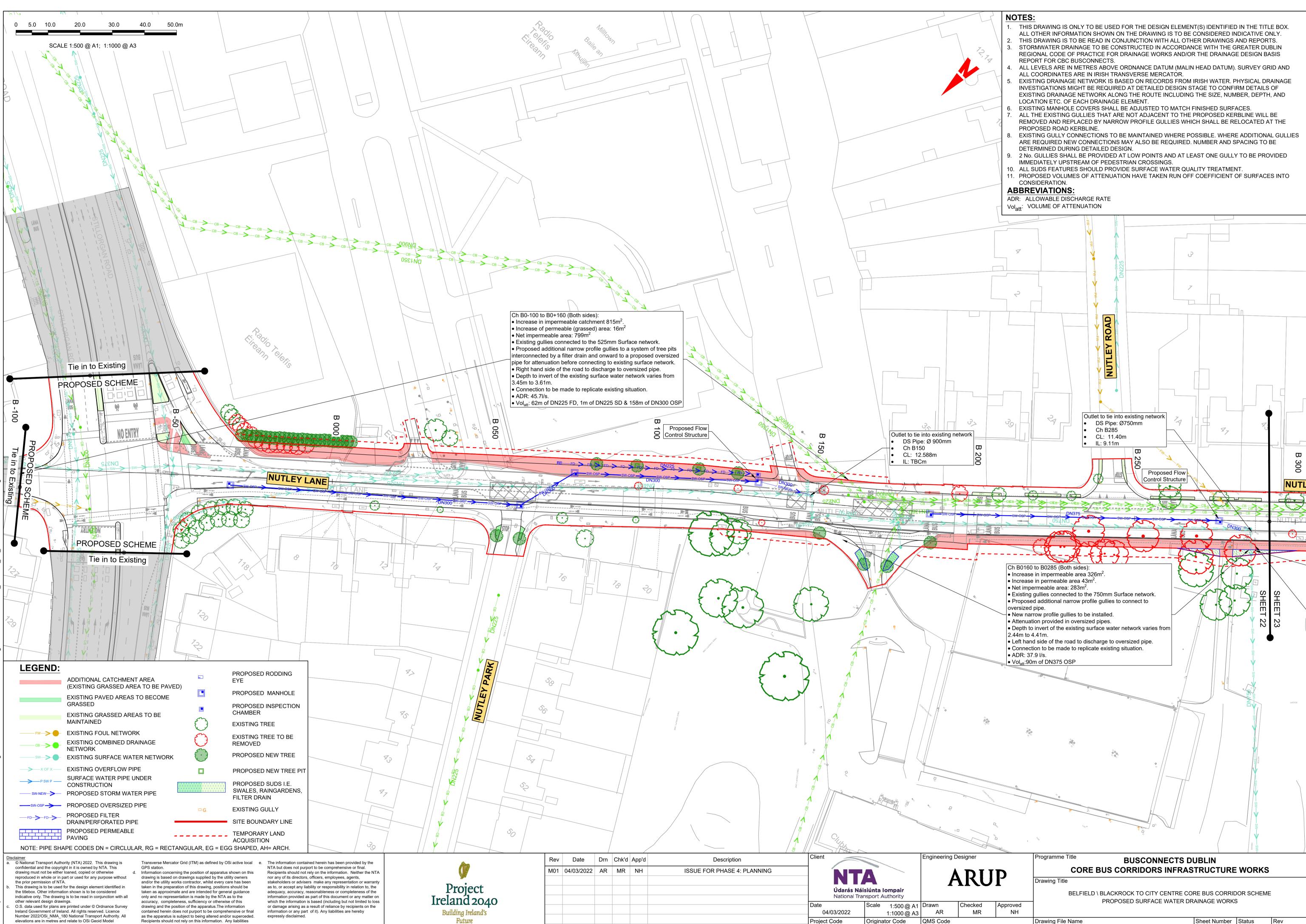
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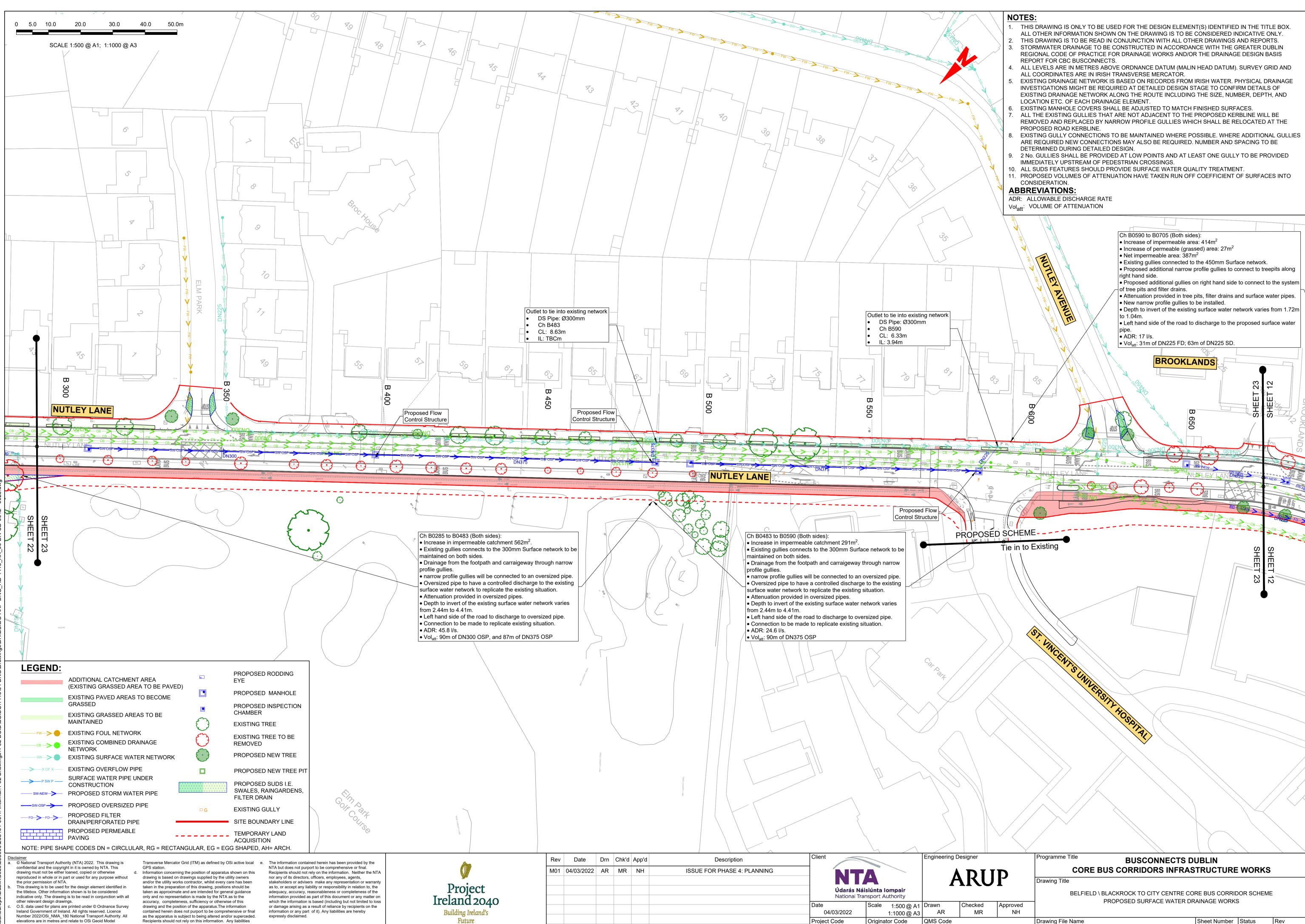
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elevations are in metres and relate to OSi Geoid Model (OSGM15) Malin Head. All Co-ordinates are in Irish

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