Appendix B11 Proposed Surface Water Drainage Works





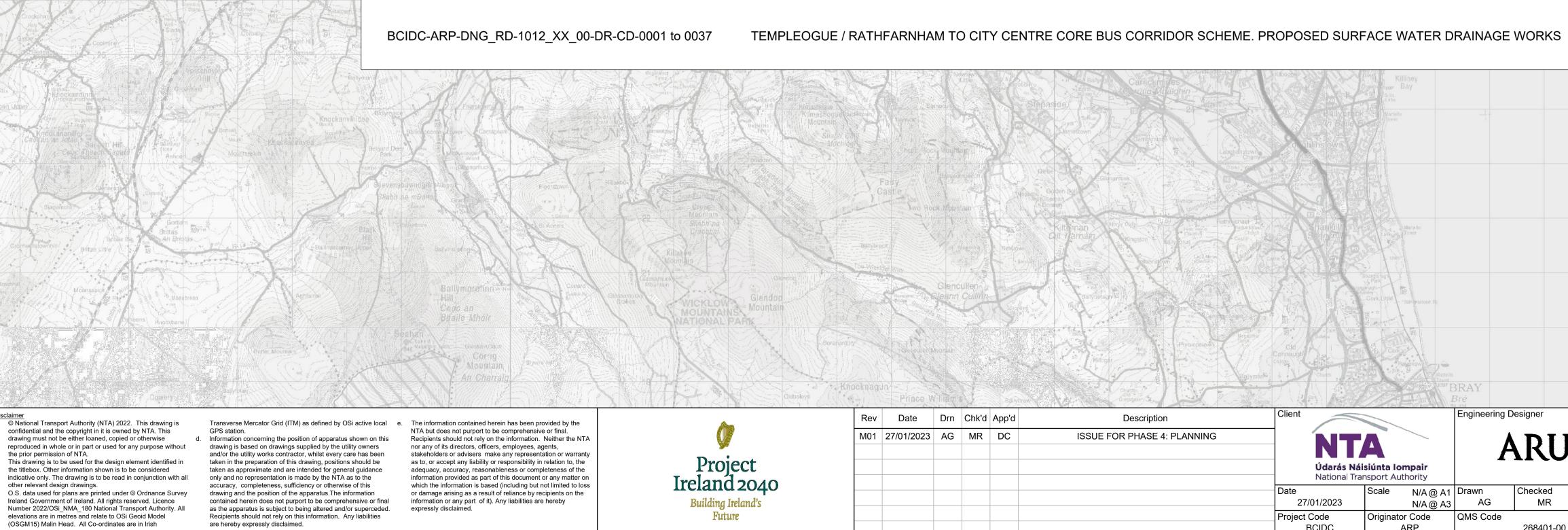
BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

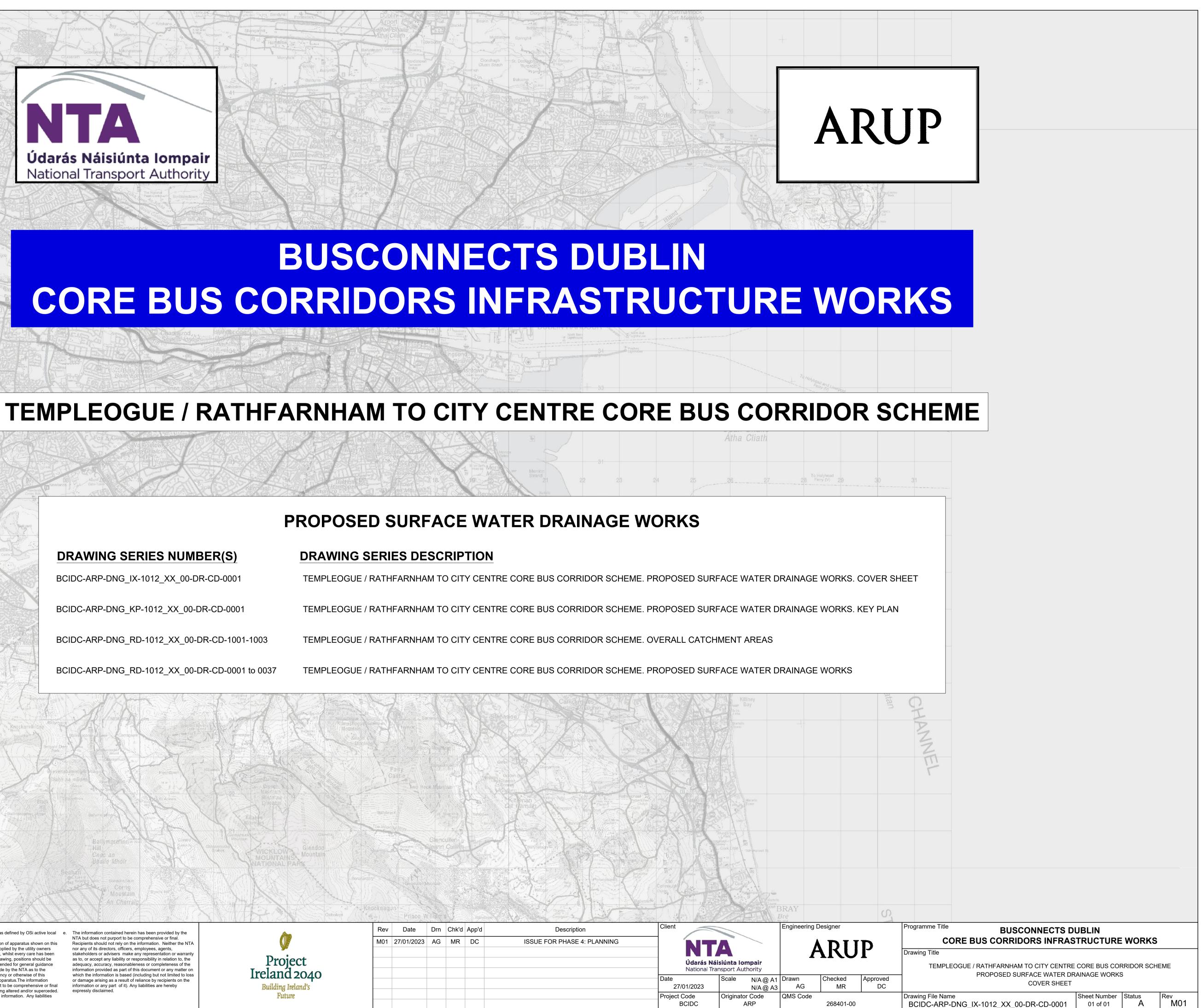
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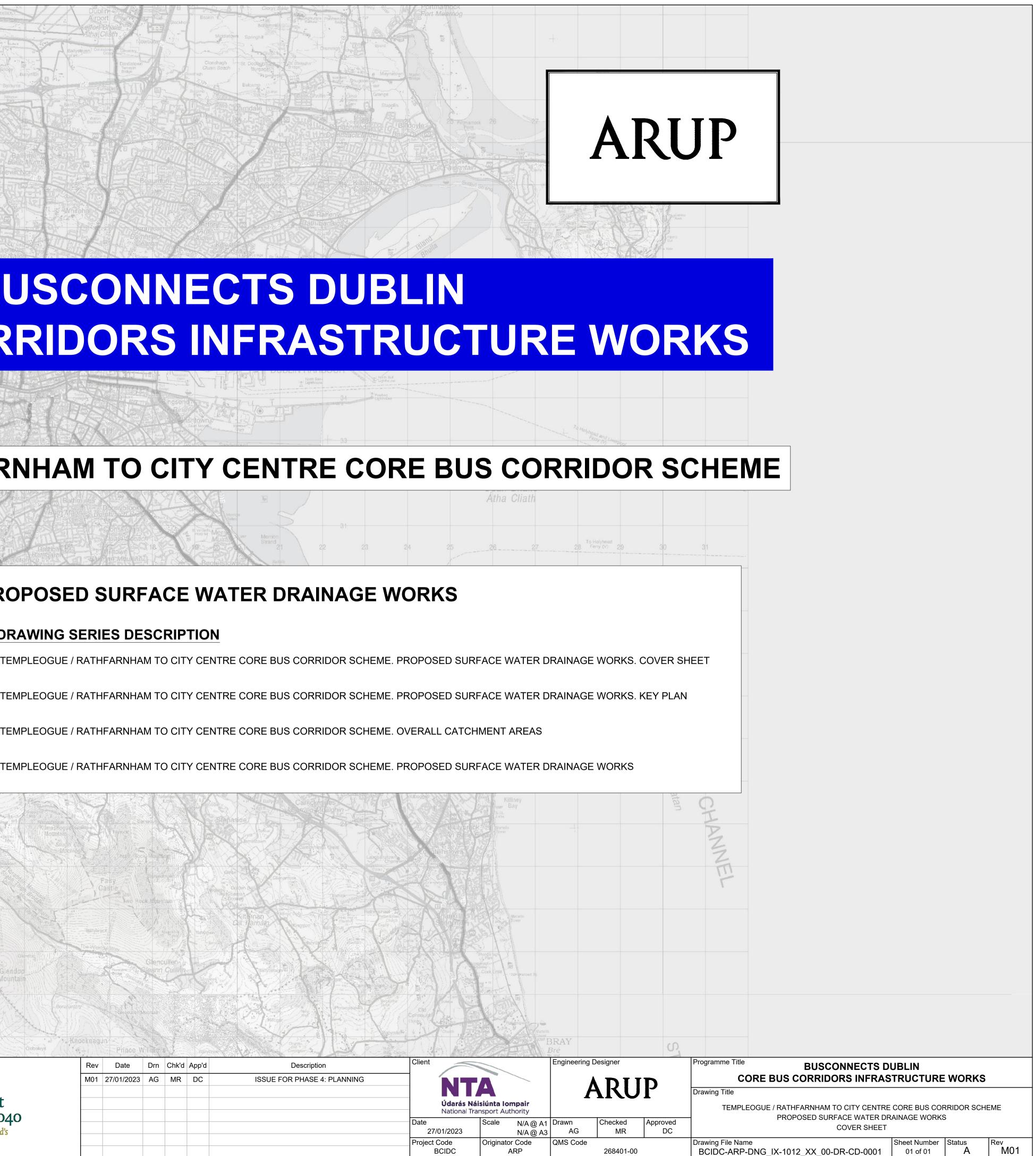
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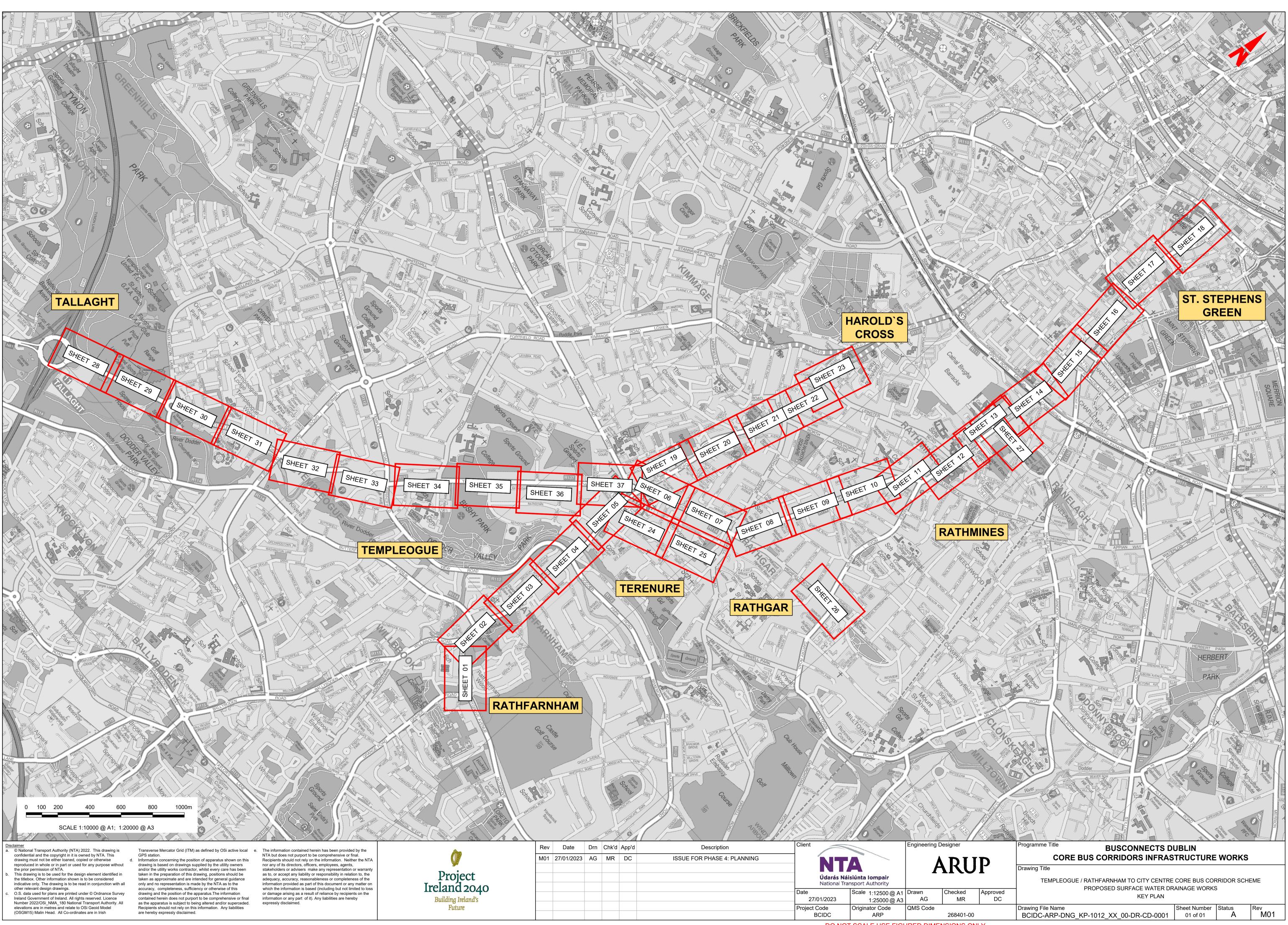
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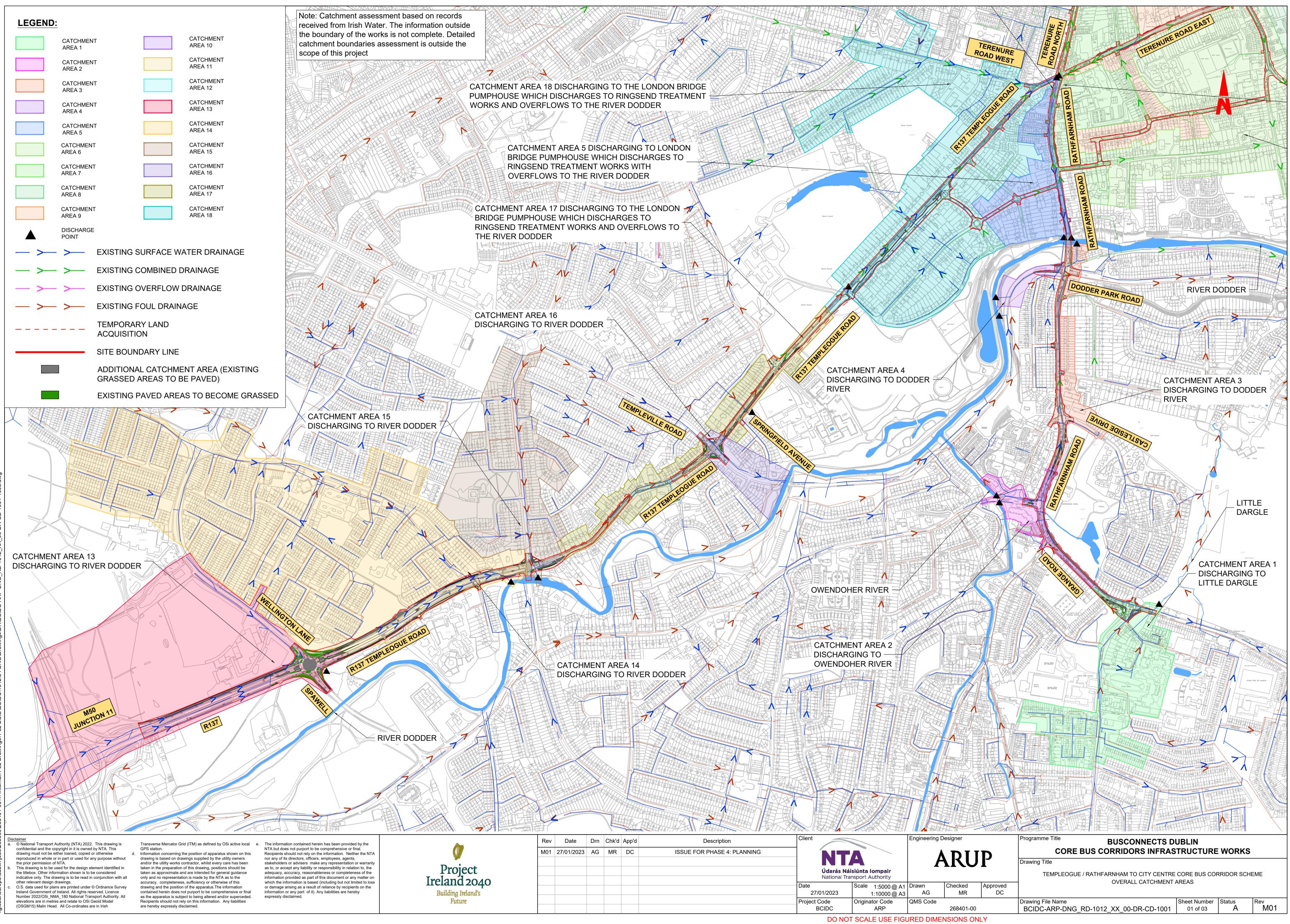


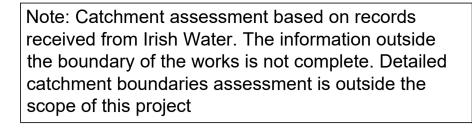


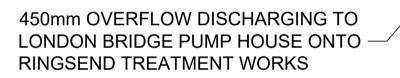


DO NOT SCALE USE FIGURED DIMENSIONS ONLY









525mm OVERFLOW

RIVER

DISCHARGING TO DODDER

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GPS station. d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final

as the apparatus is subject to being altered and/or superceded.

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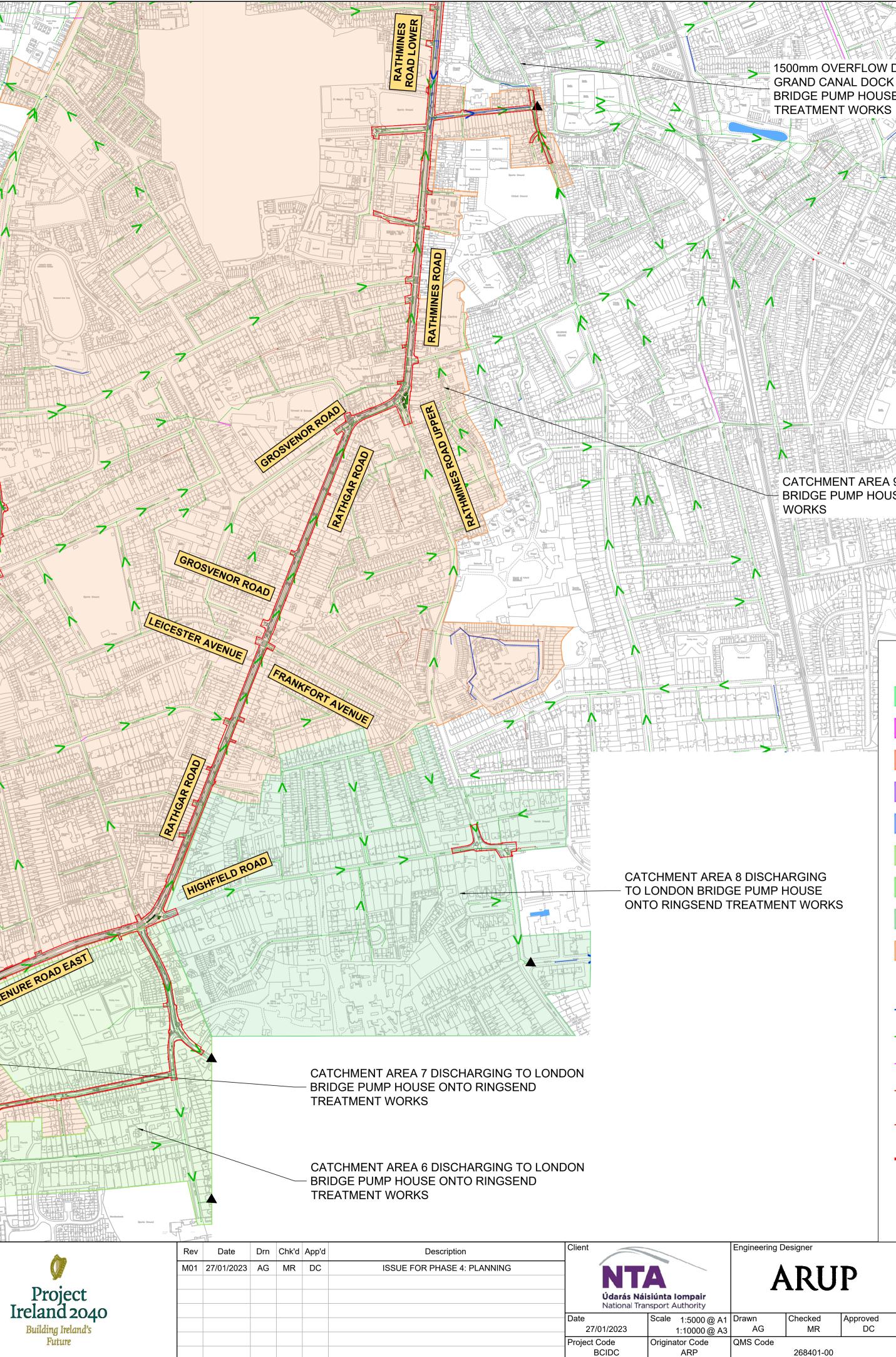
Transverse Mercator Grid (ITM) as defined by OSi active local e.

NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

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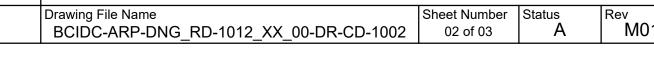
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		CATCHMENT AREA 4	-		CATCHME AREA 13	NT	
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1500mm OVERFLOW DISCHARGING PARTIALLY TO GRAND CANAL DOCK PARTIALLY TO LONDON BRIDGE PUMP HOUSE ONTO RINGSEND



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Note: Catchment assessment based on records received from Irish Water. The information outside the boundary of the works is not complete. Detailed catchment boundaries assessment is outside the scope of this project

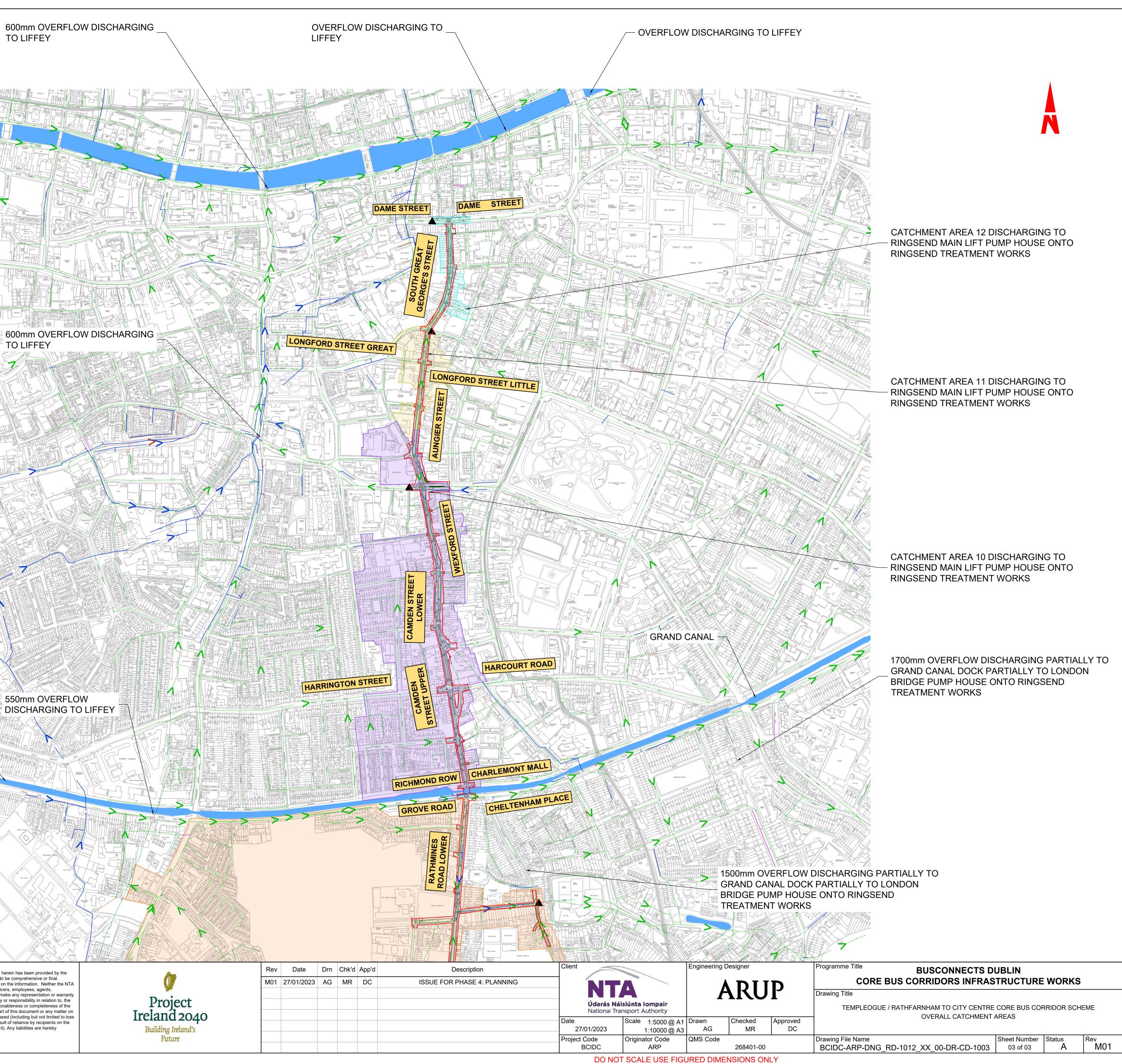
GRAND CANAL -

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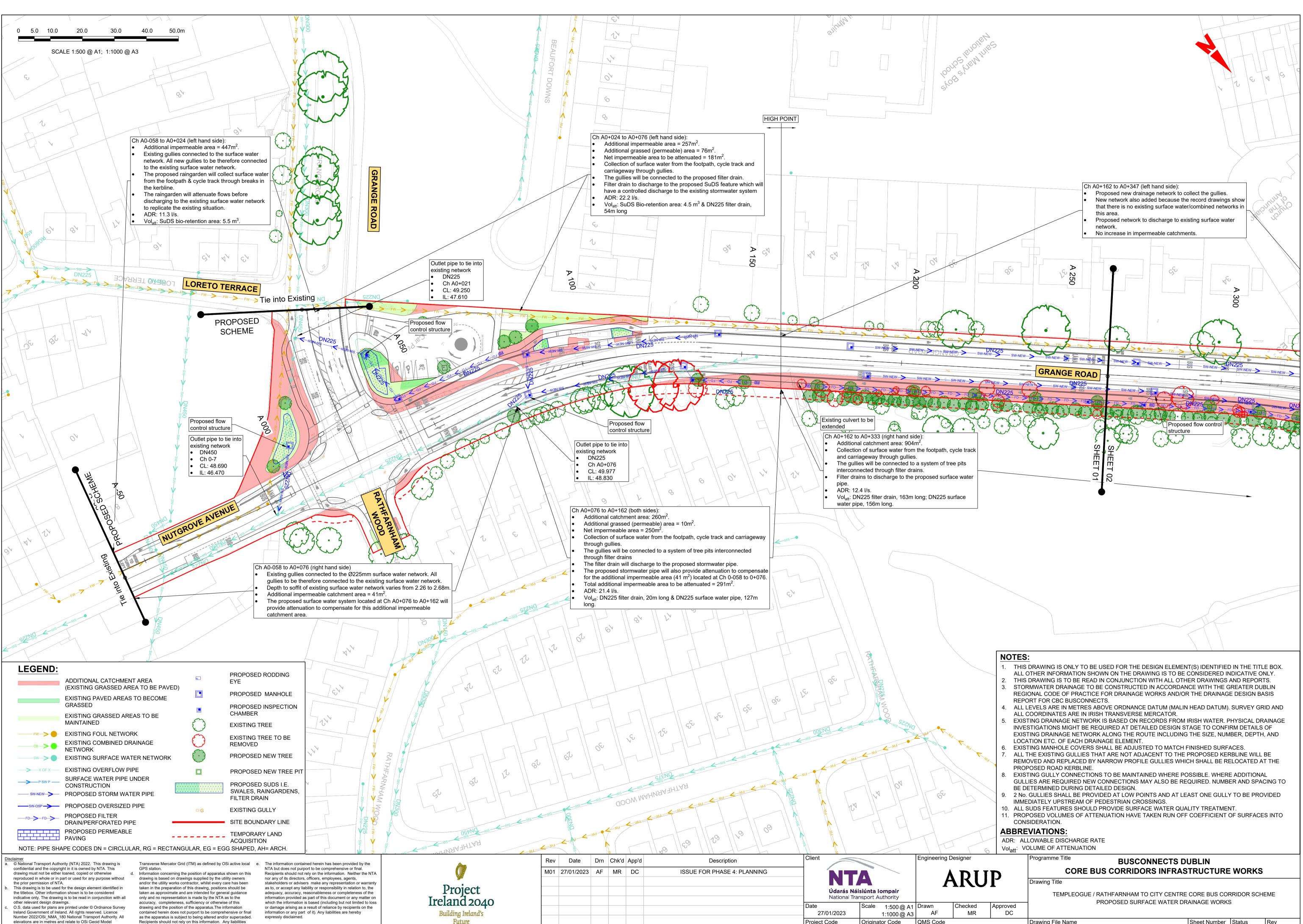
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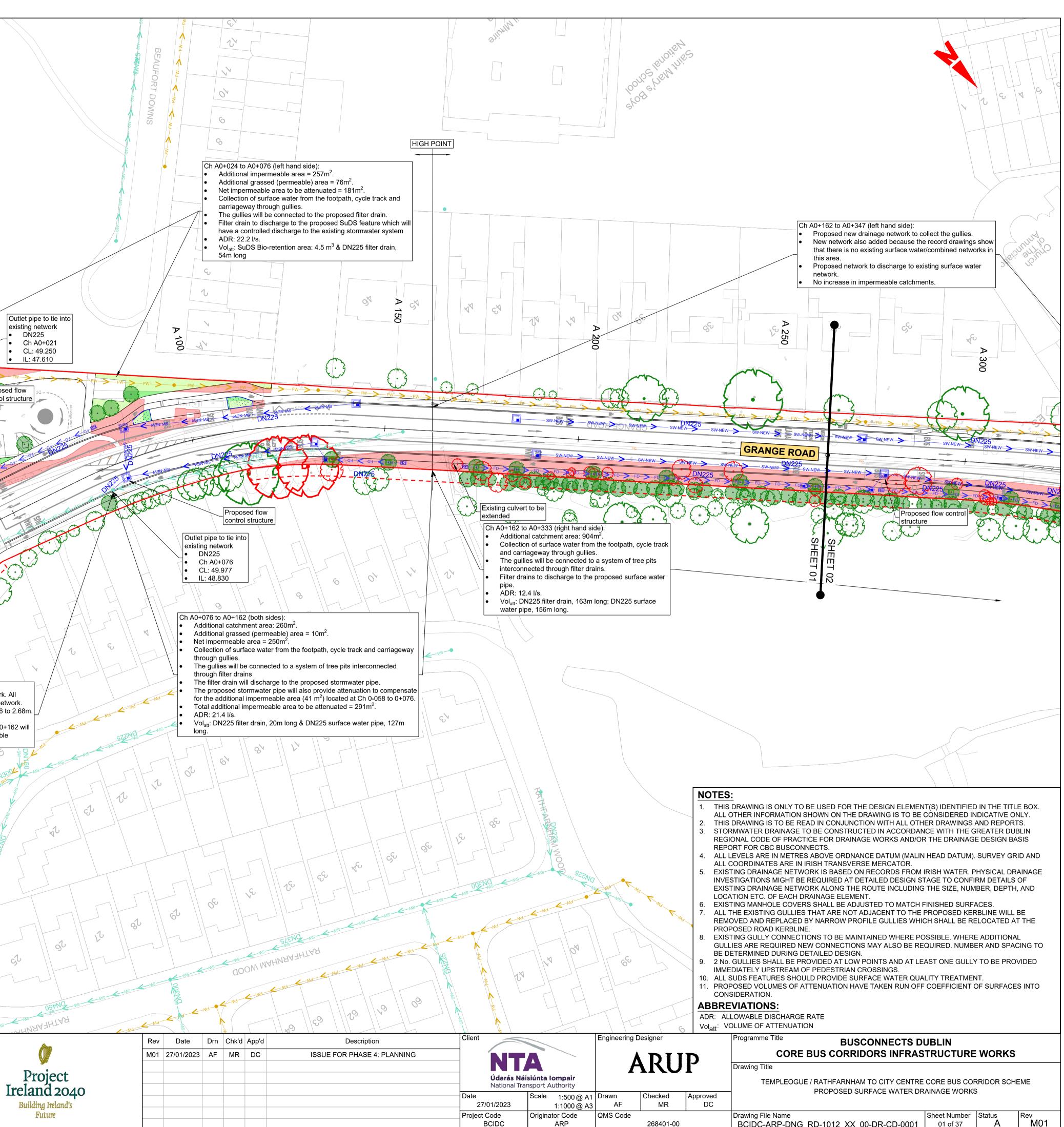
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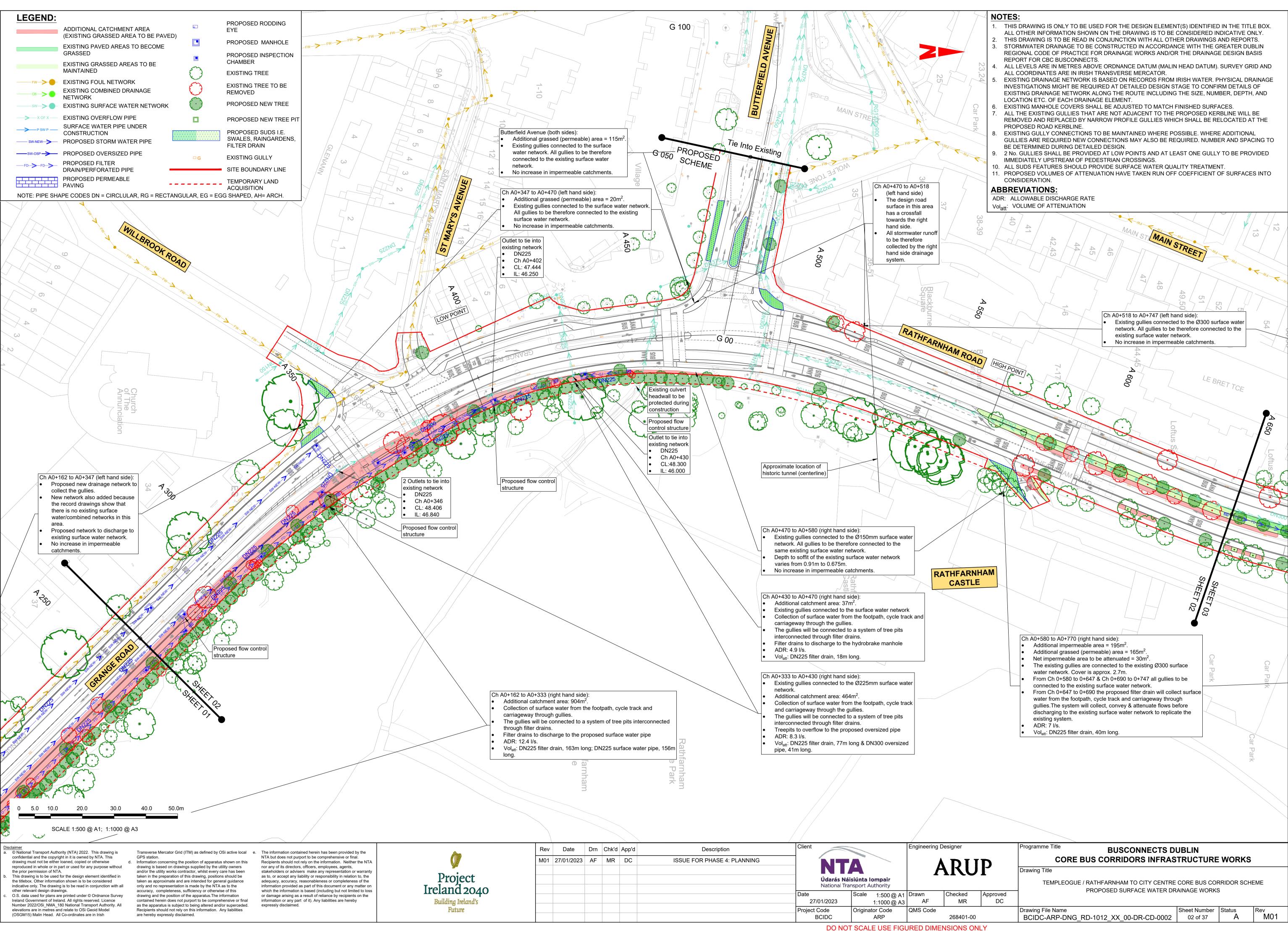


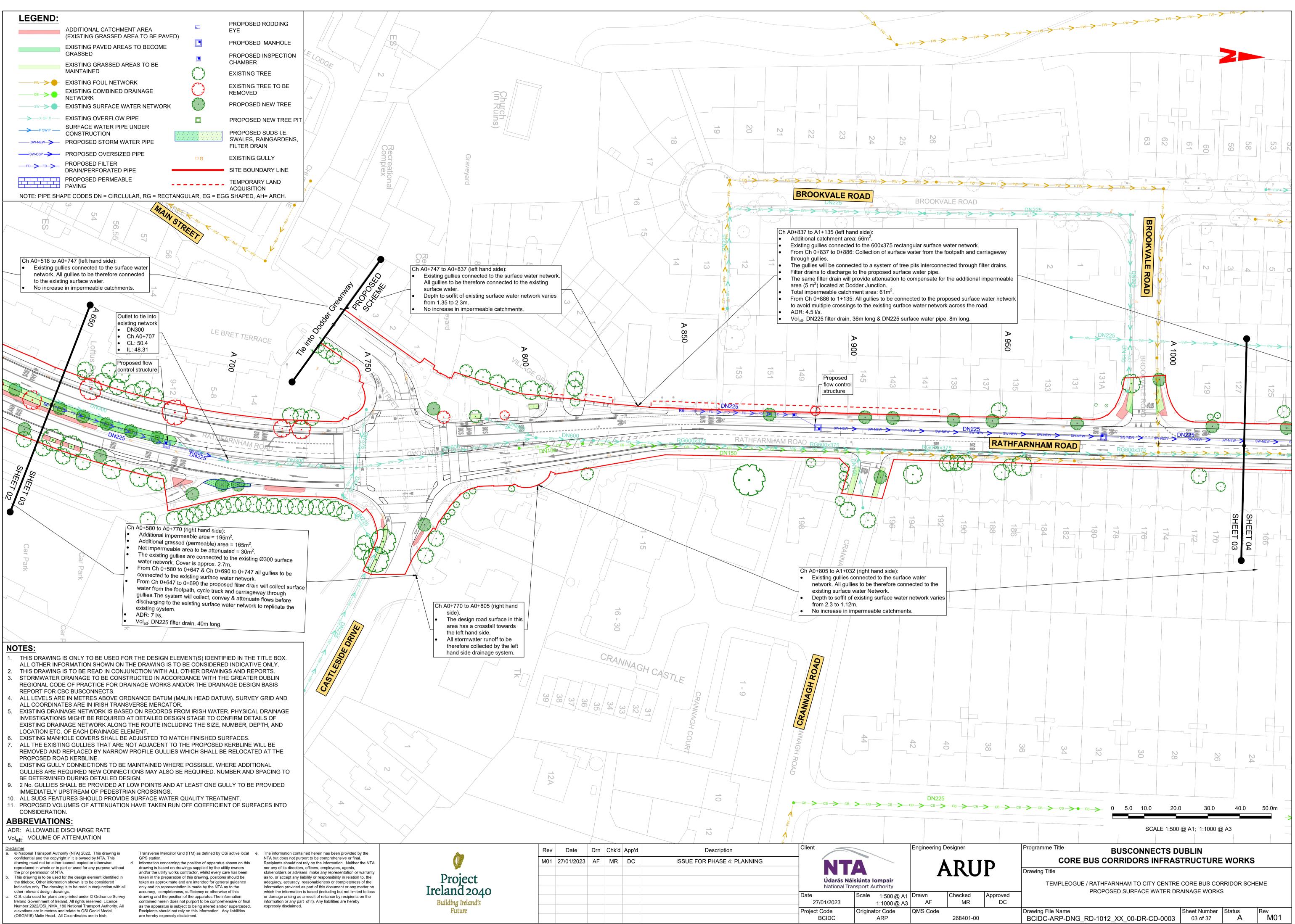
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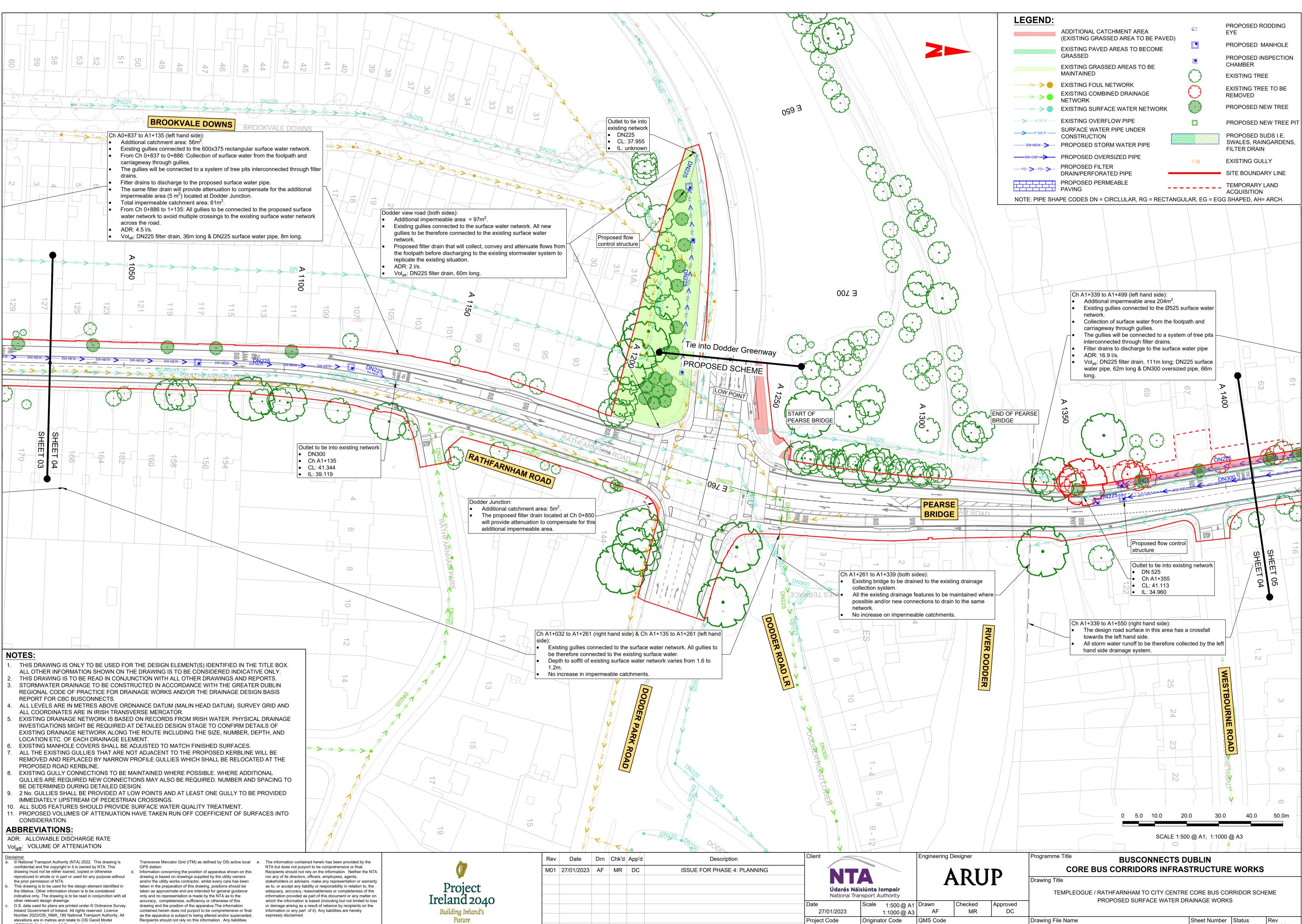


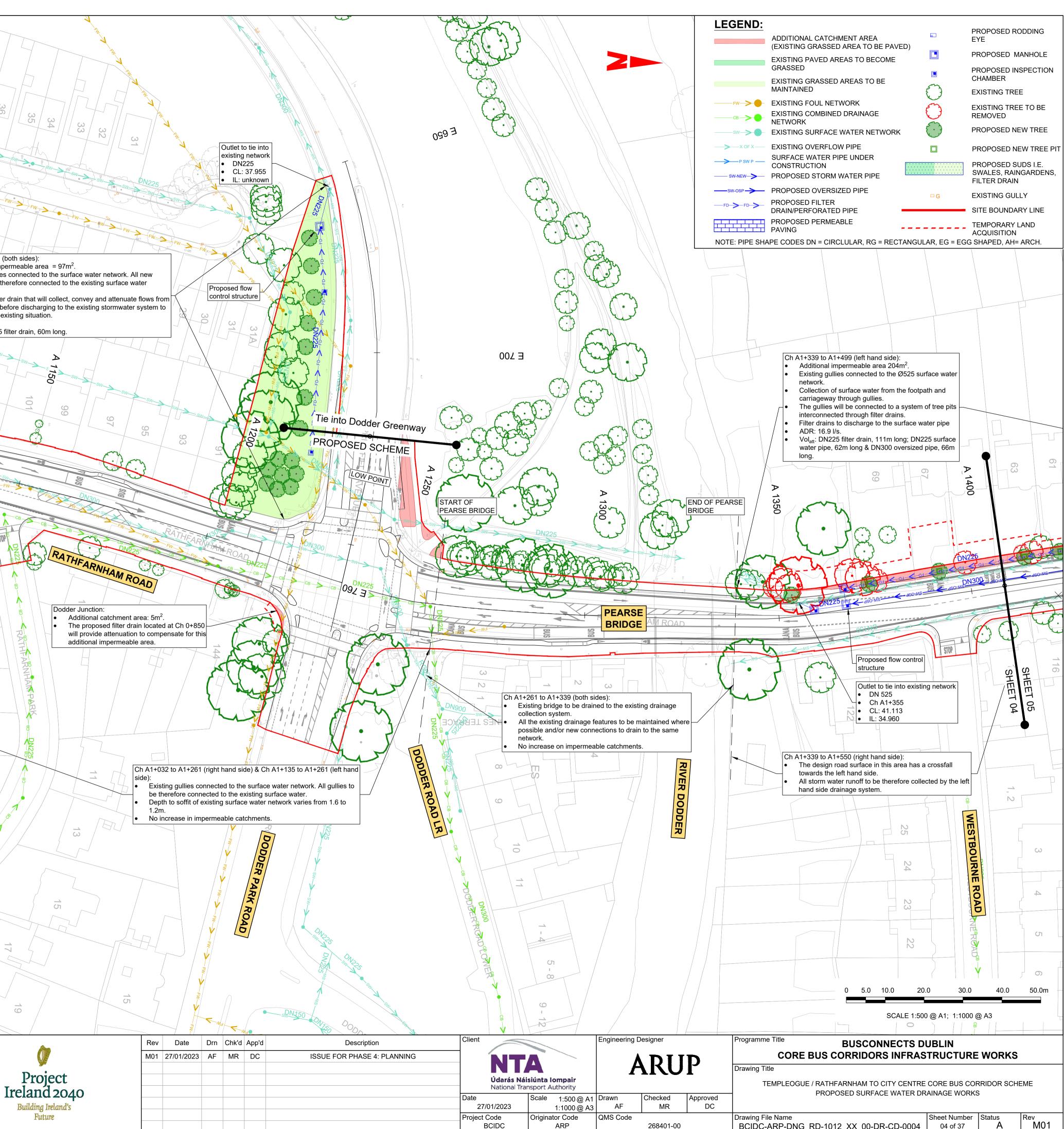


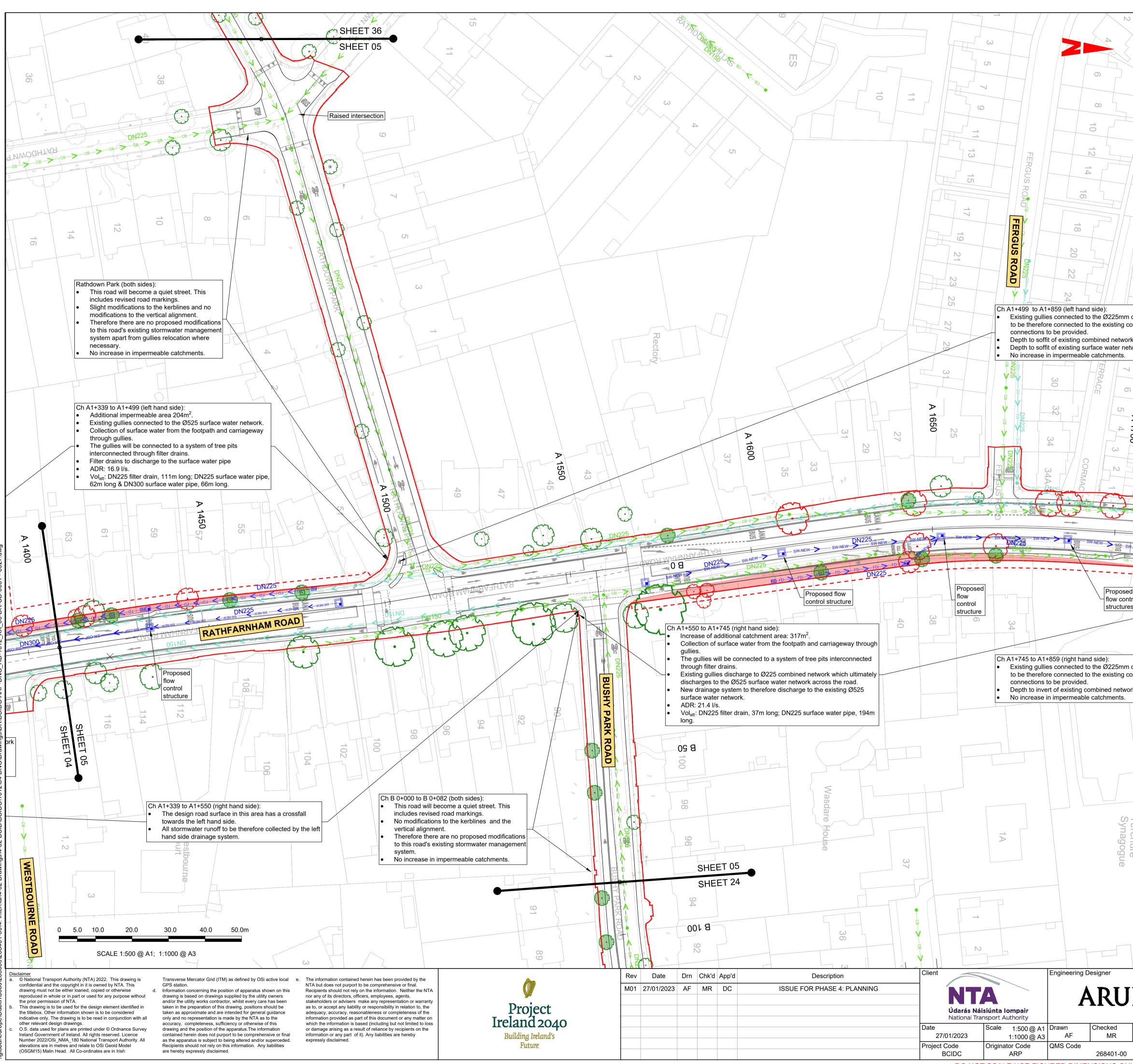




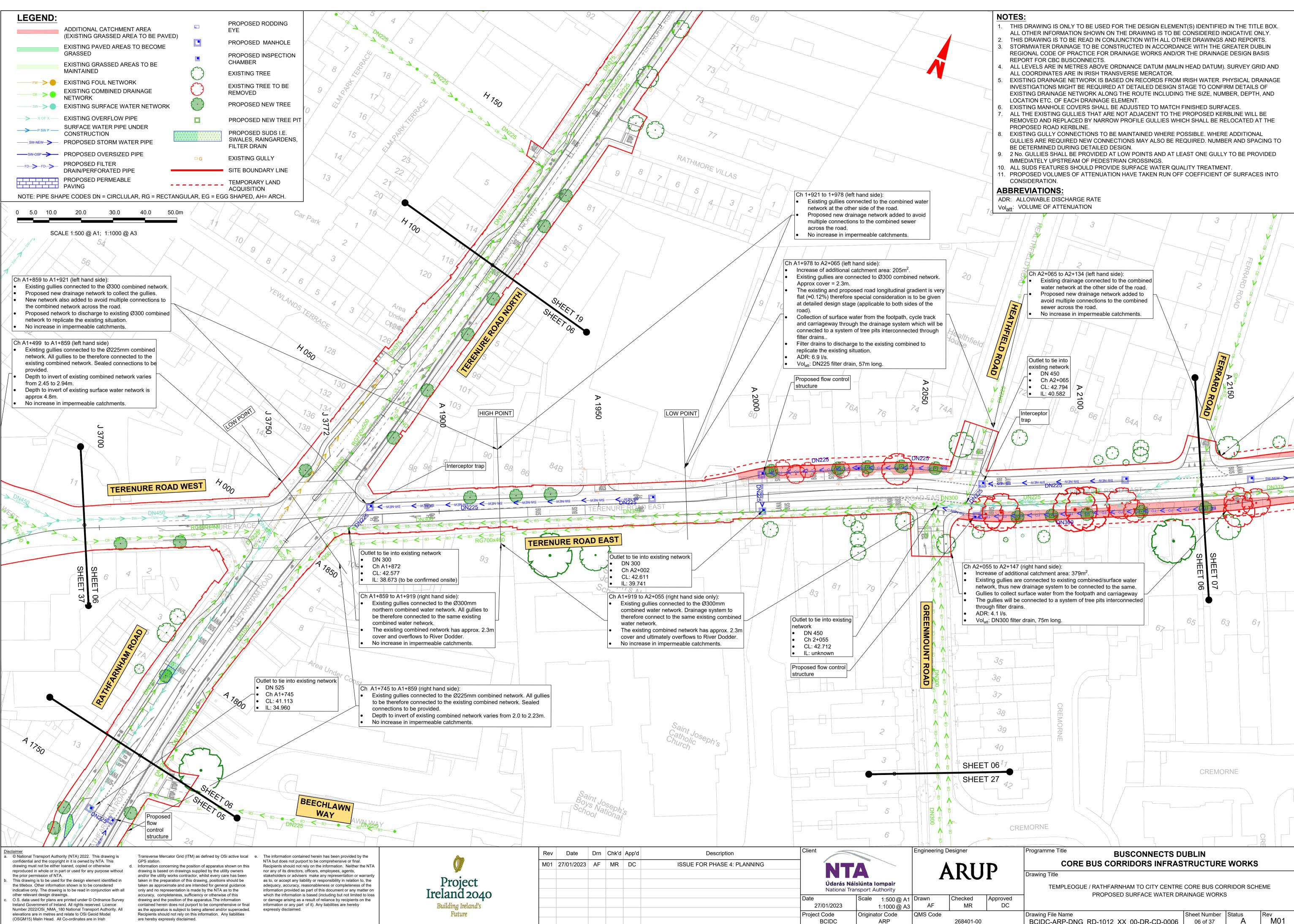
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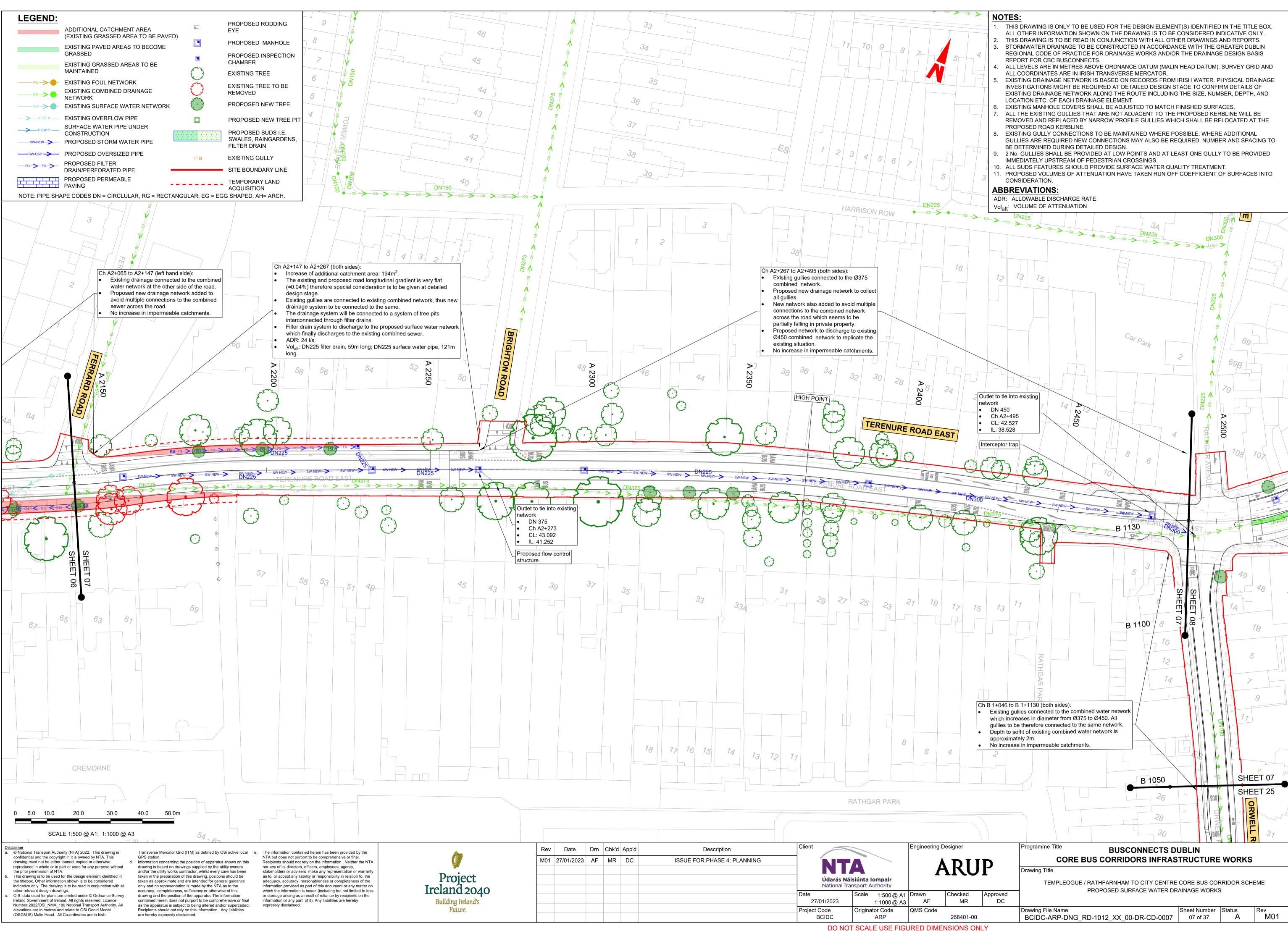


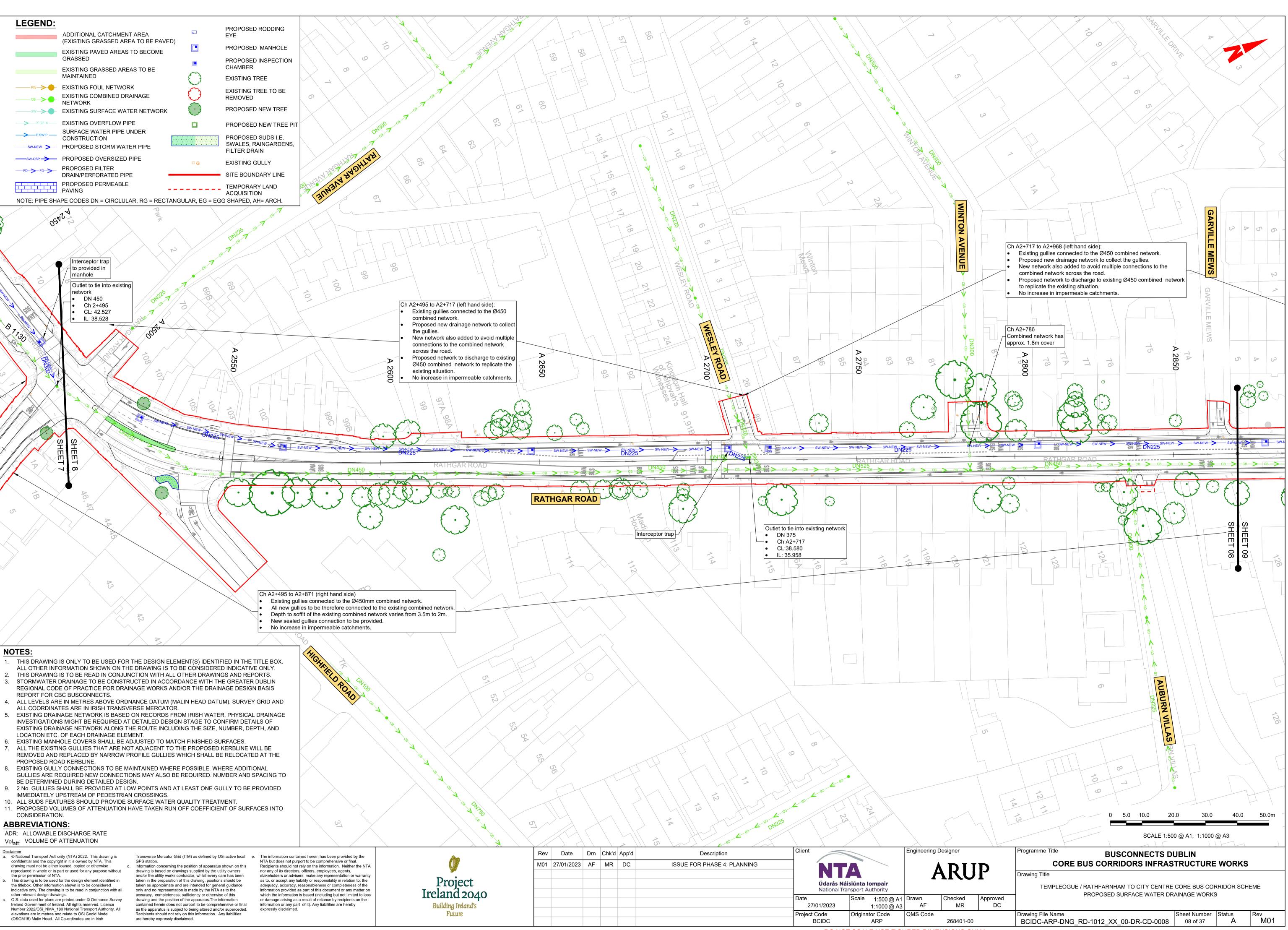
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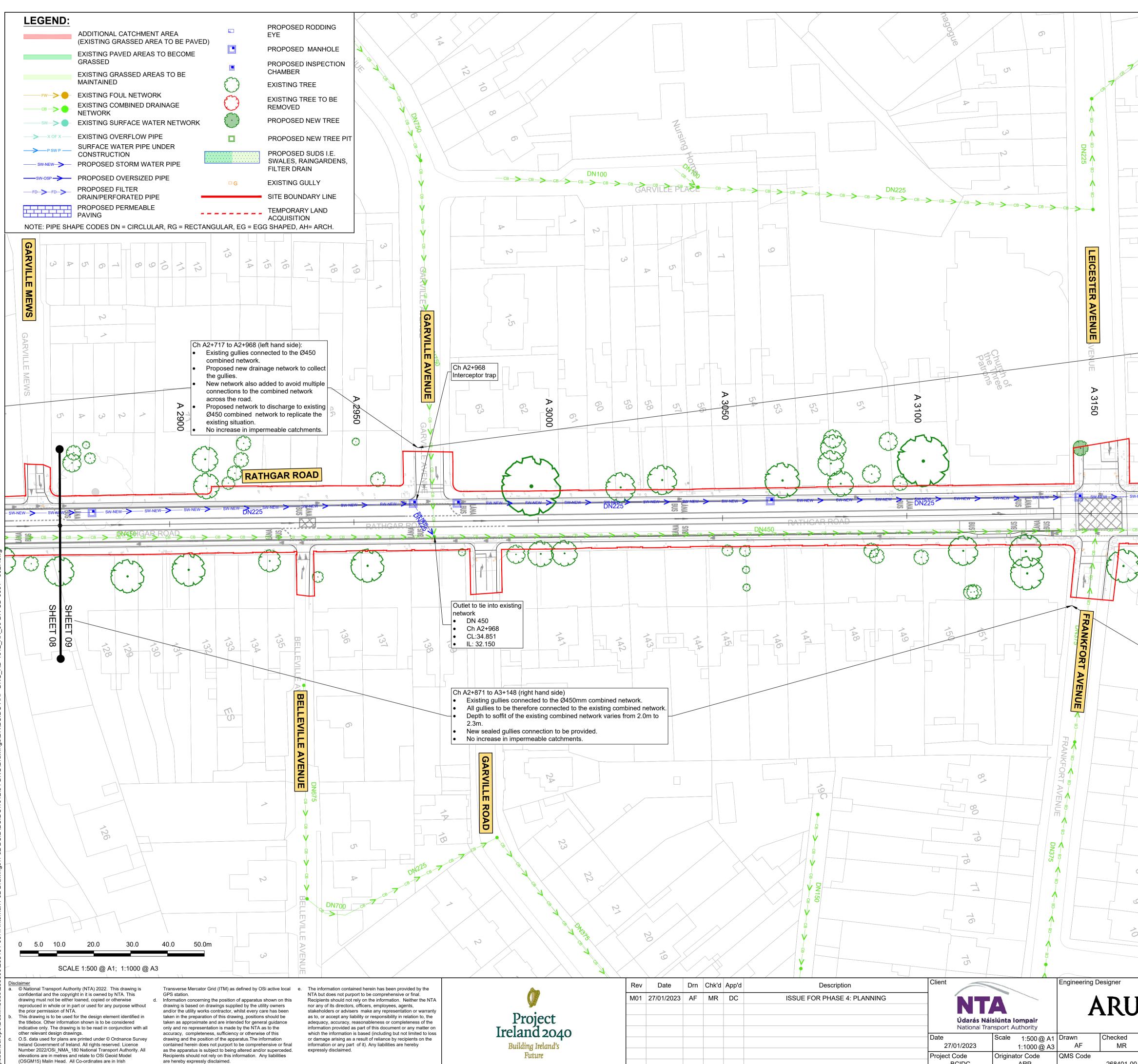
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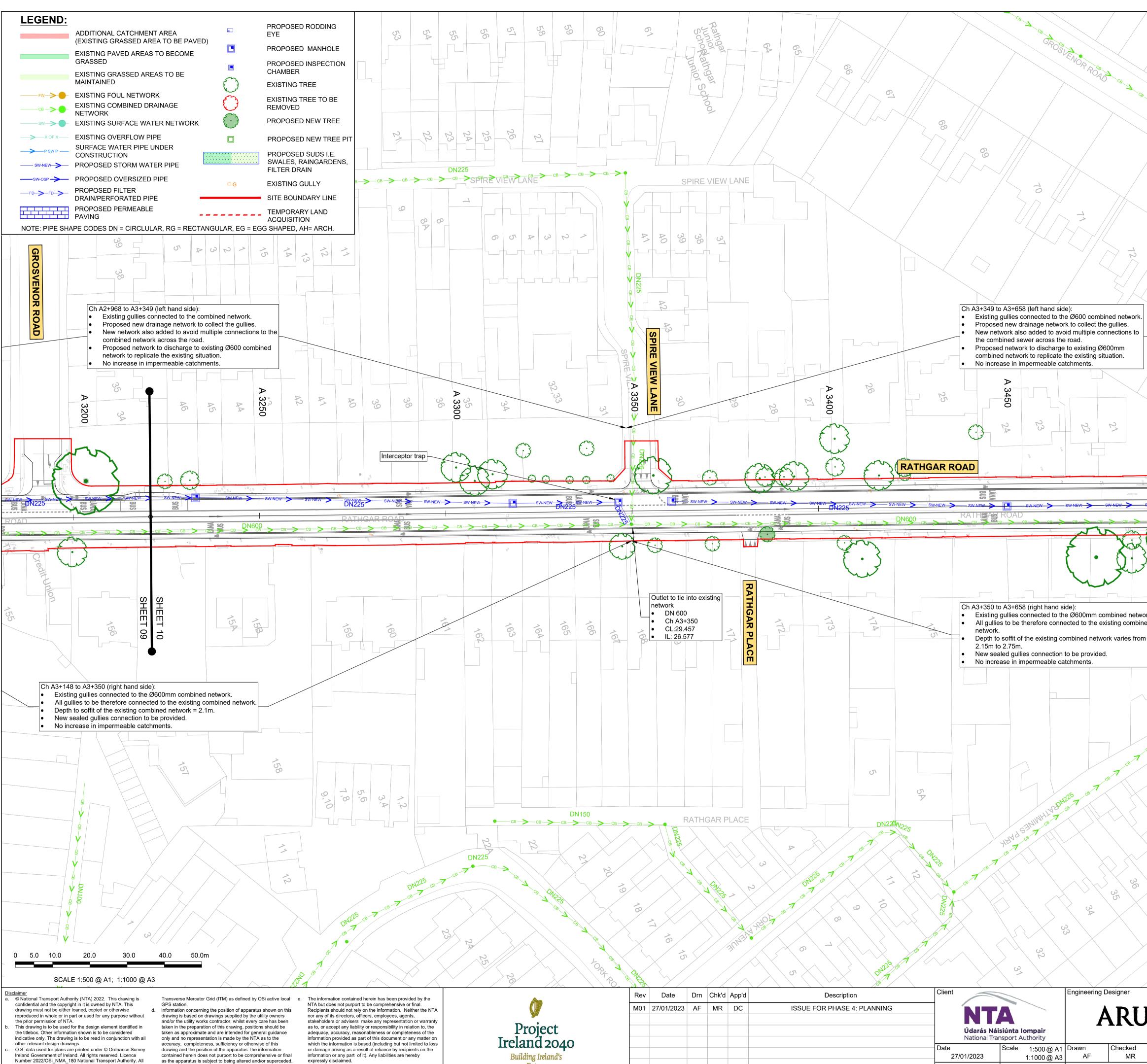




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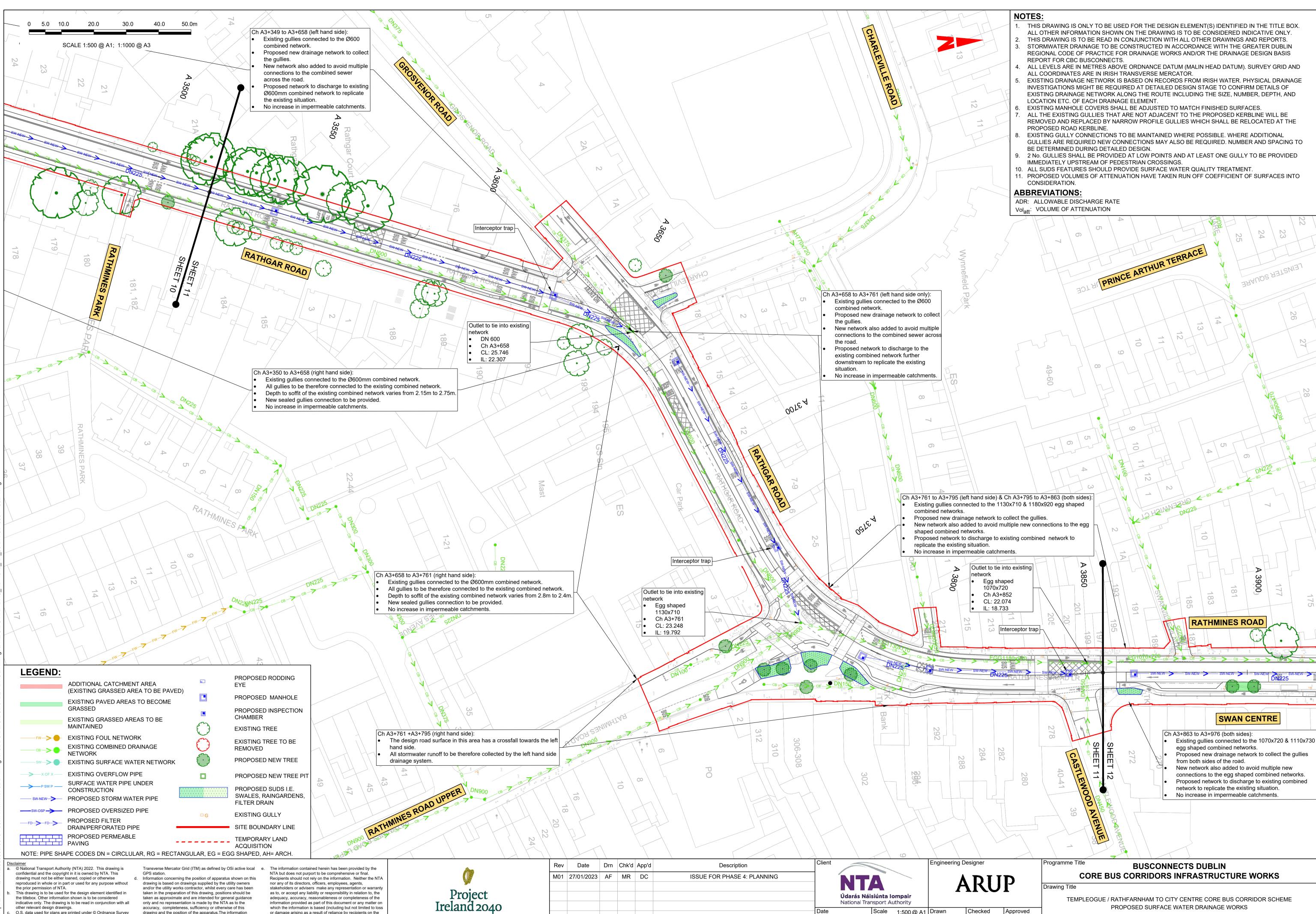
Recipients should not rely on this information. Any liabilities

are hereby expressly disclaimed.

Building Ireland' Future

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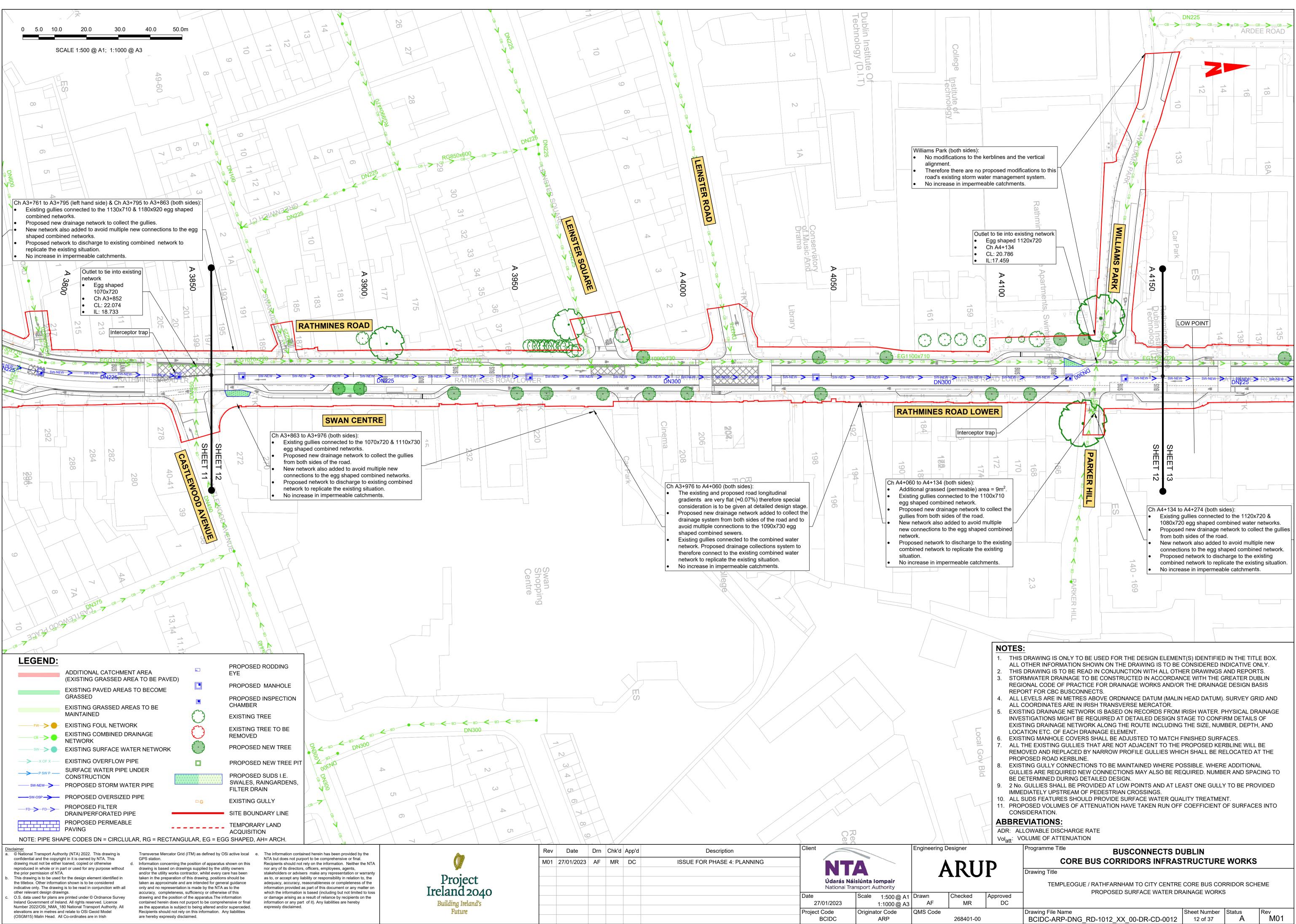
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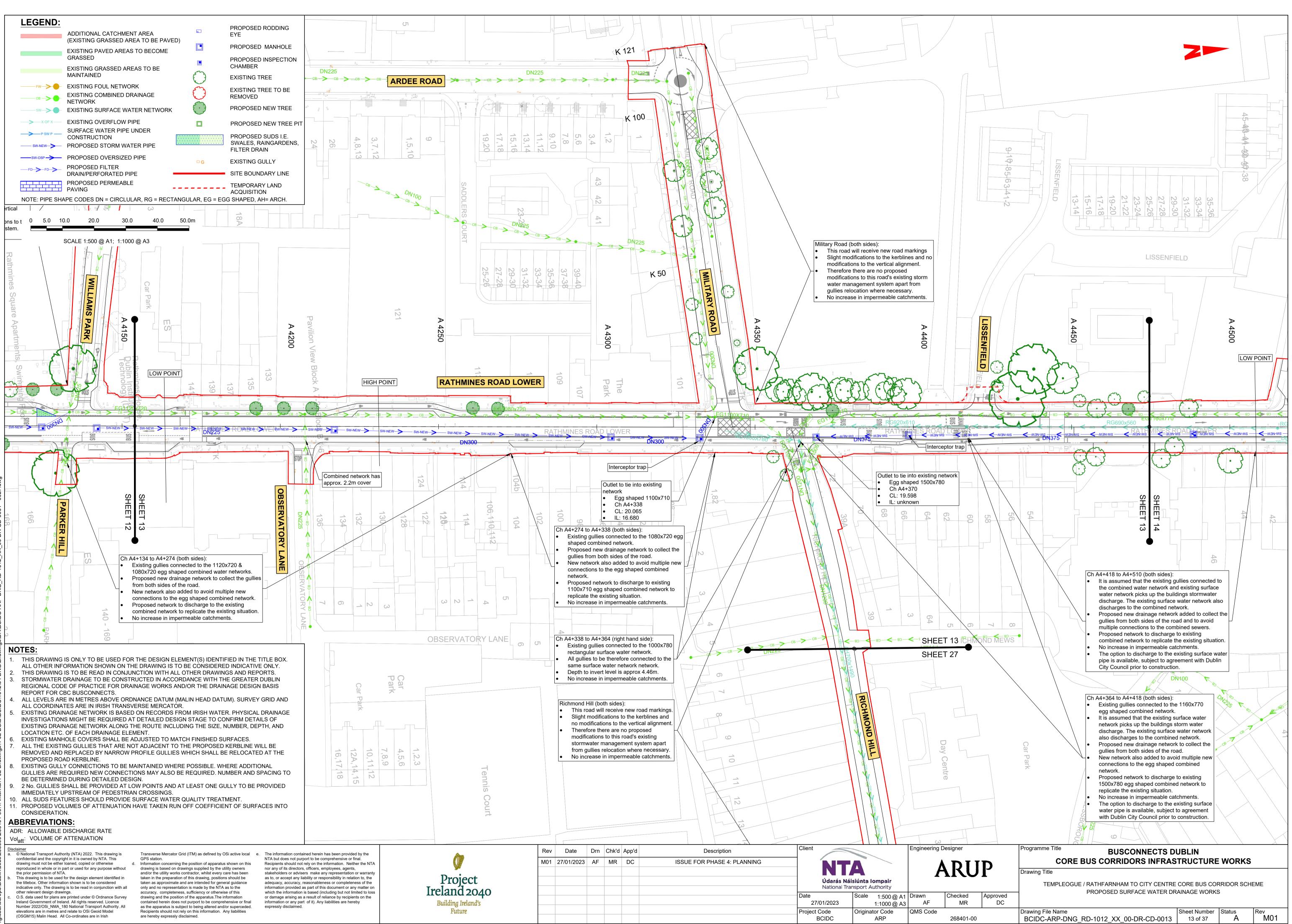
Building Ireland's

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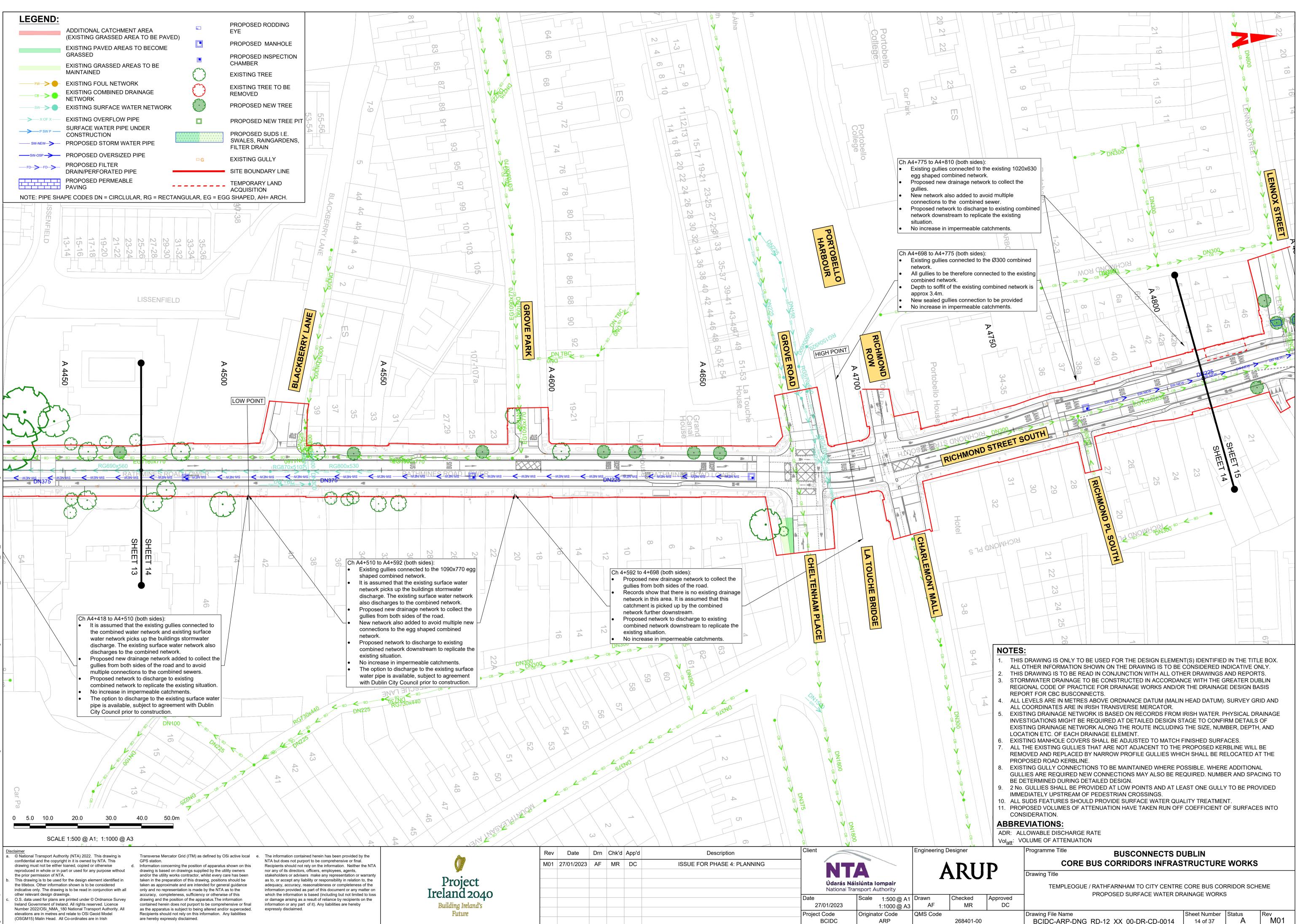
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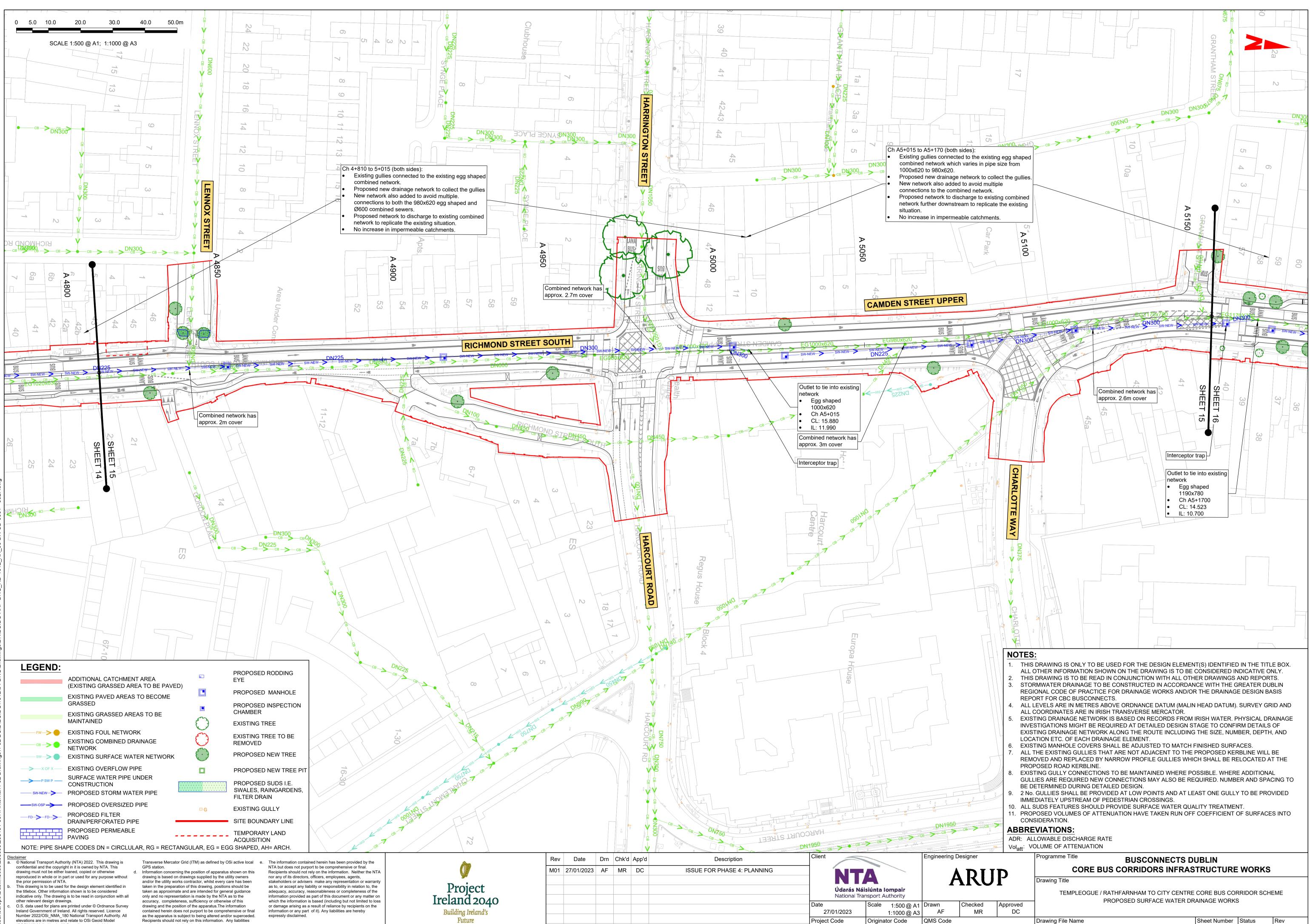


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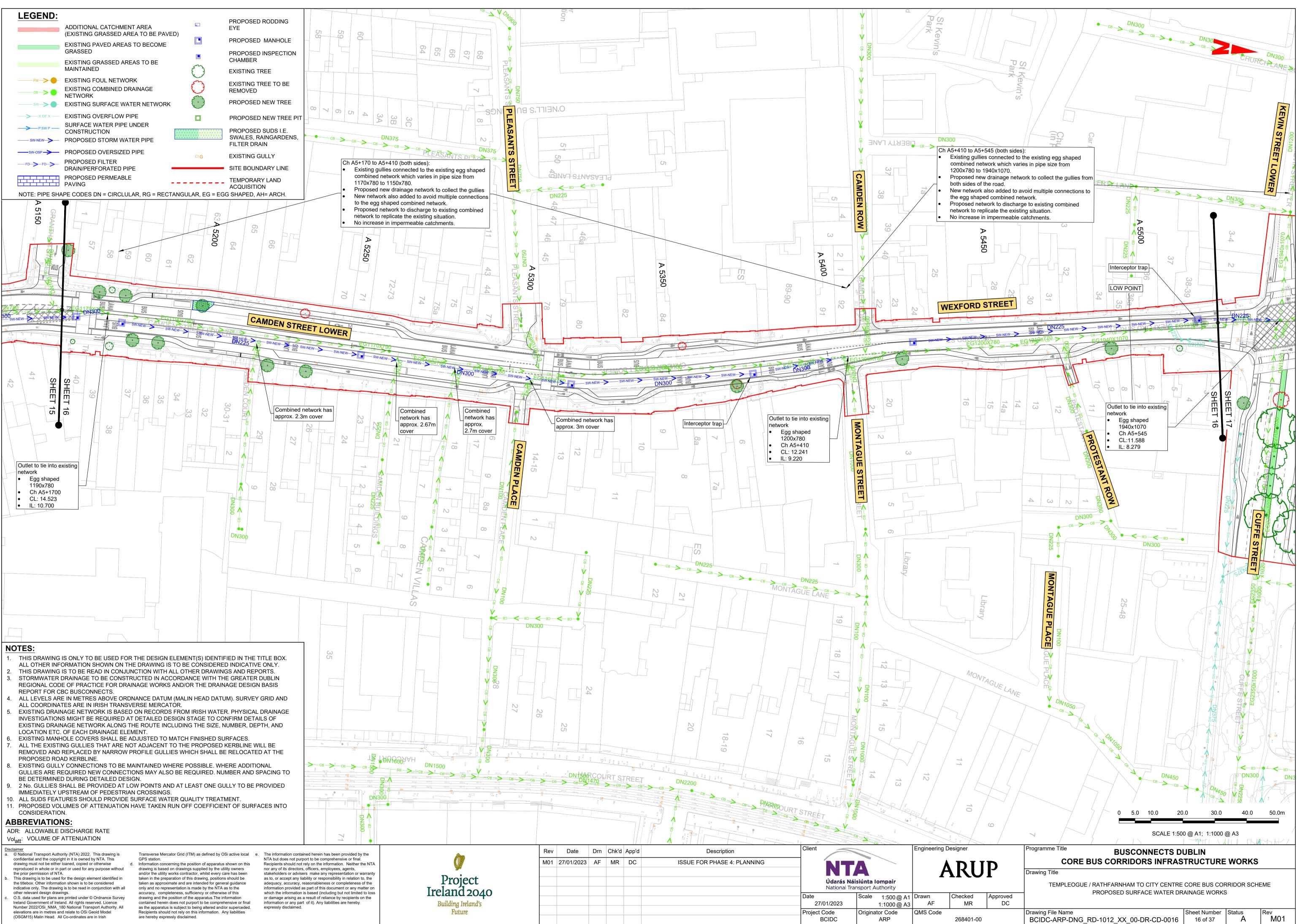
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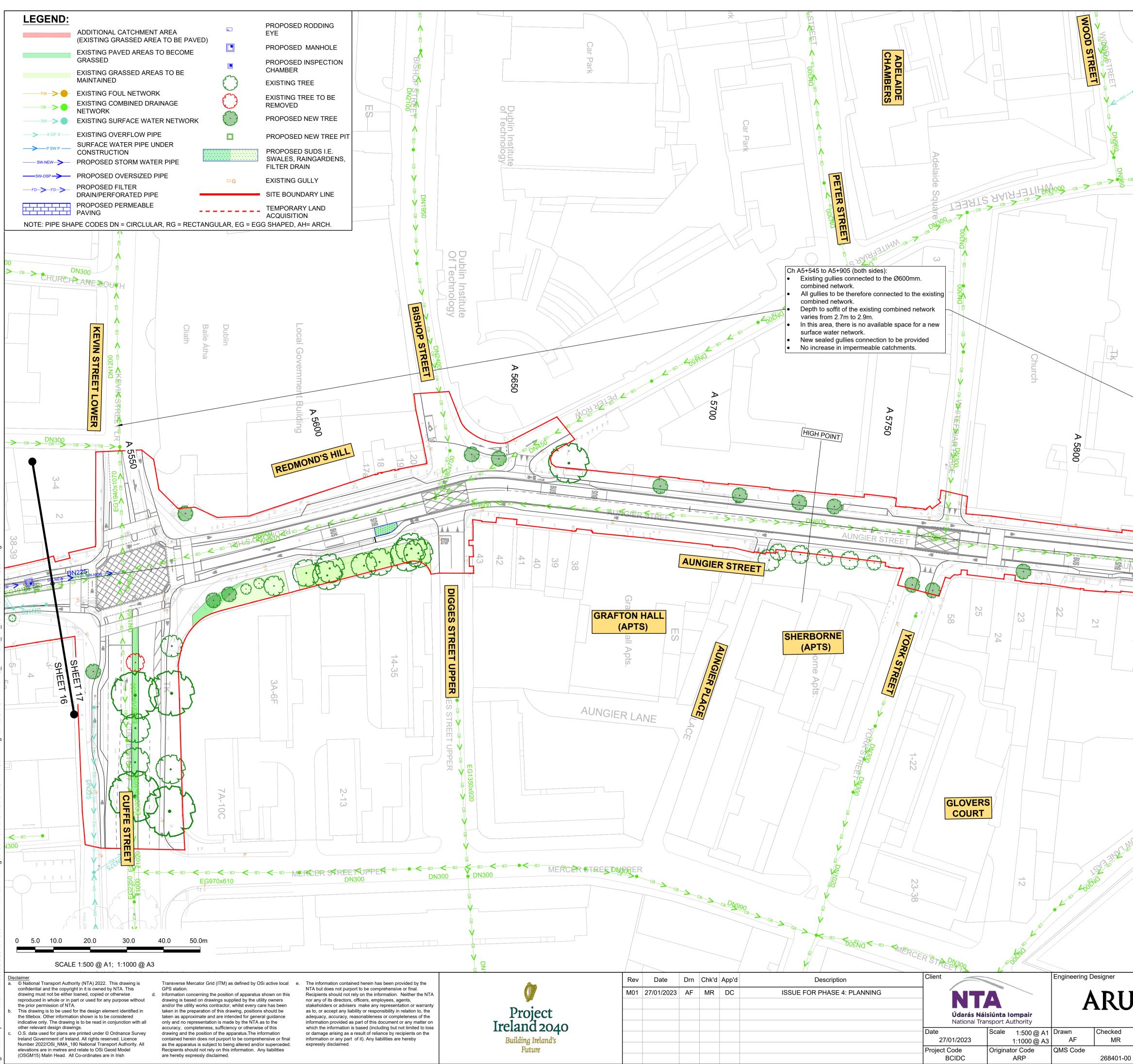


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JP		BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS
J	r	Drawing Title
		TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME PROPOSED SURFACE WATER DRAINAGE WORKS
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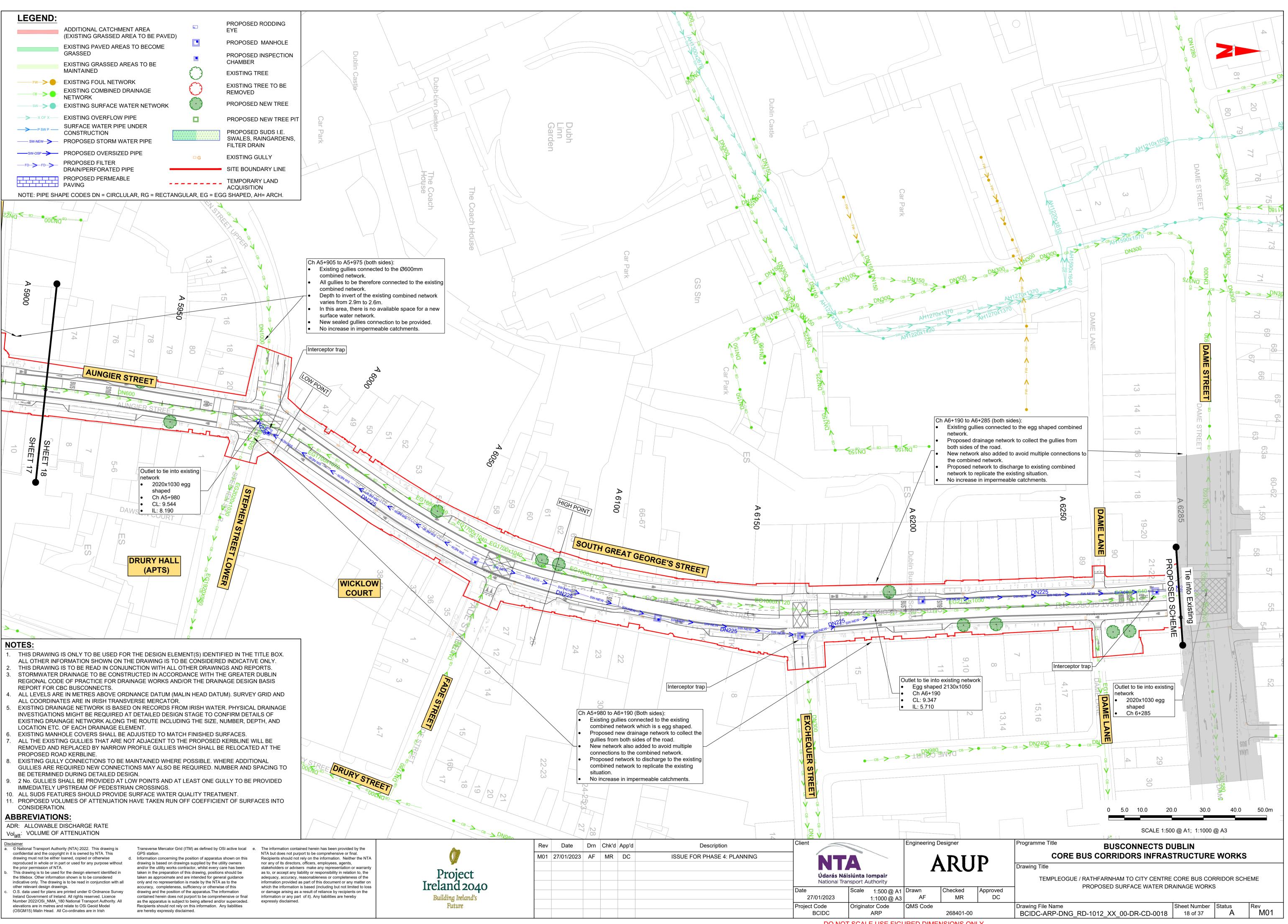
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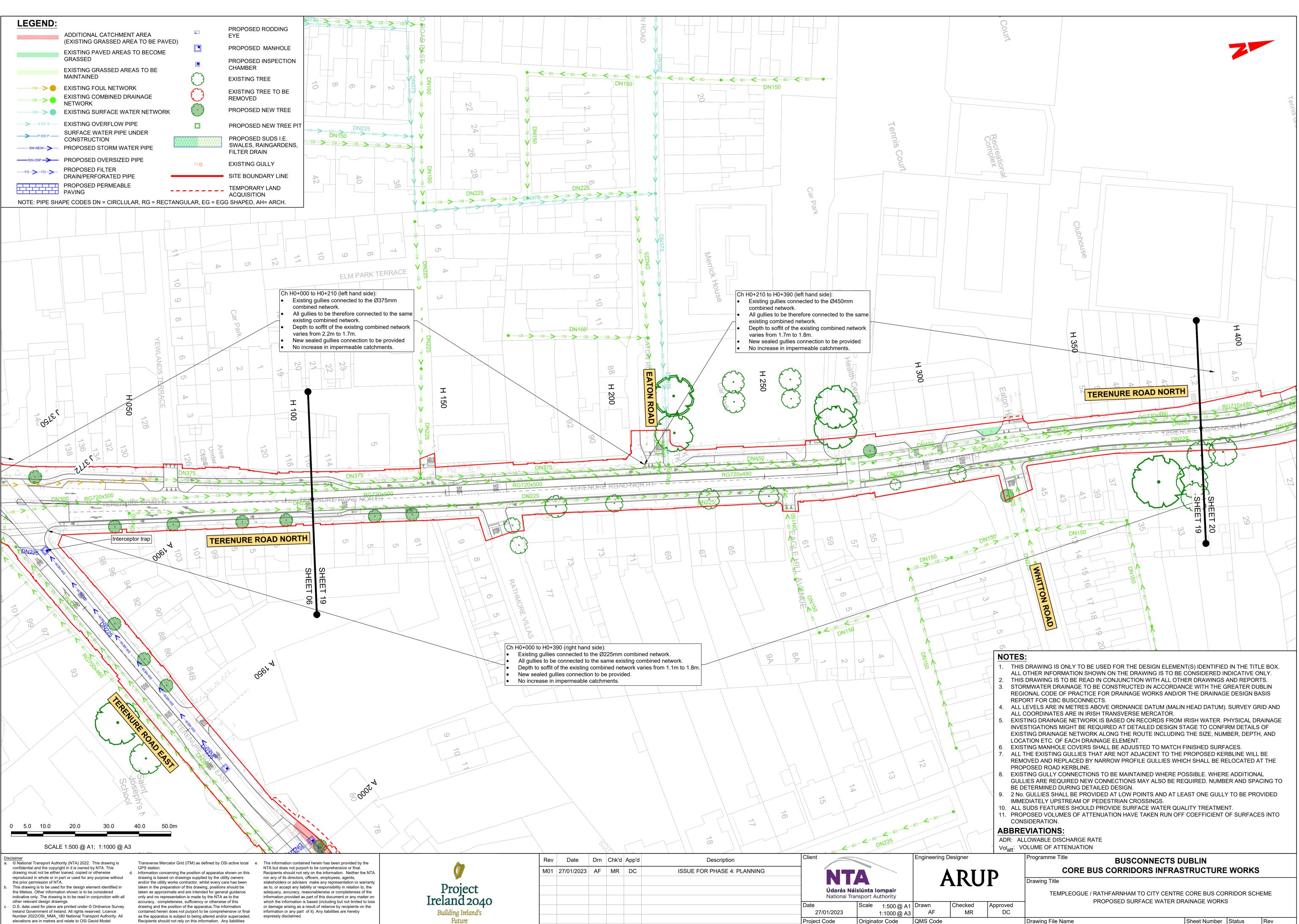
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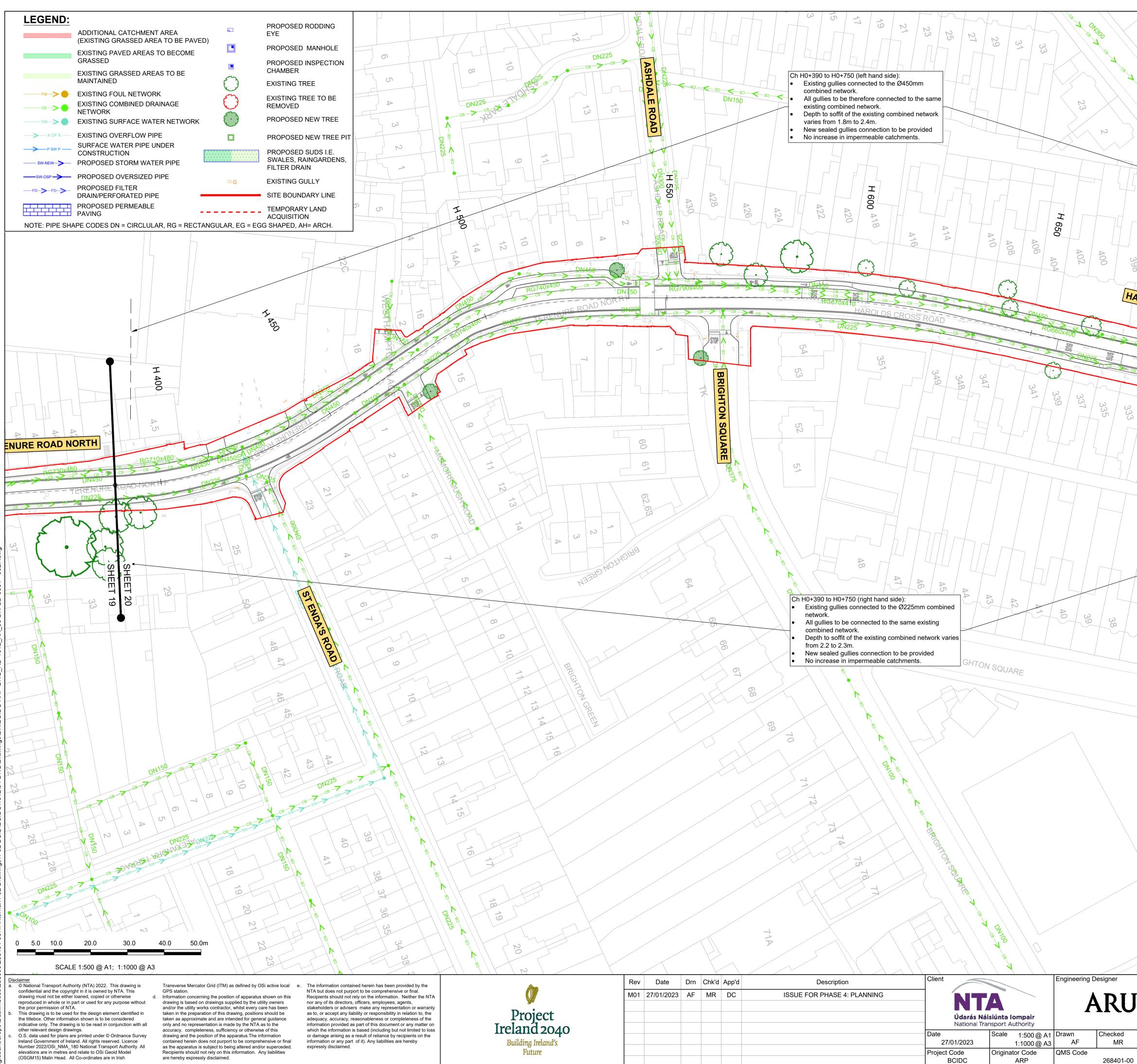
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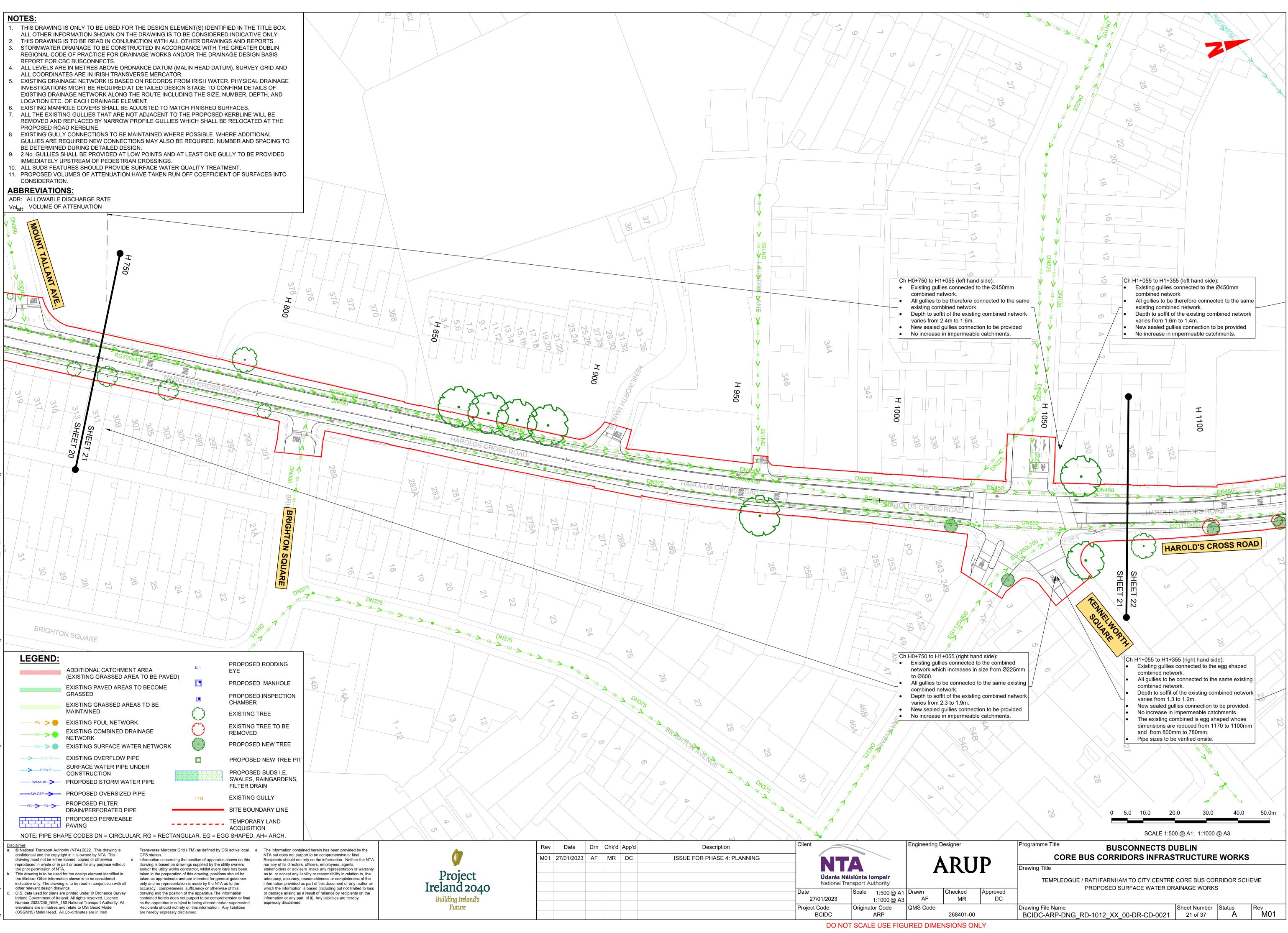


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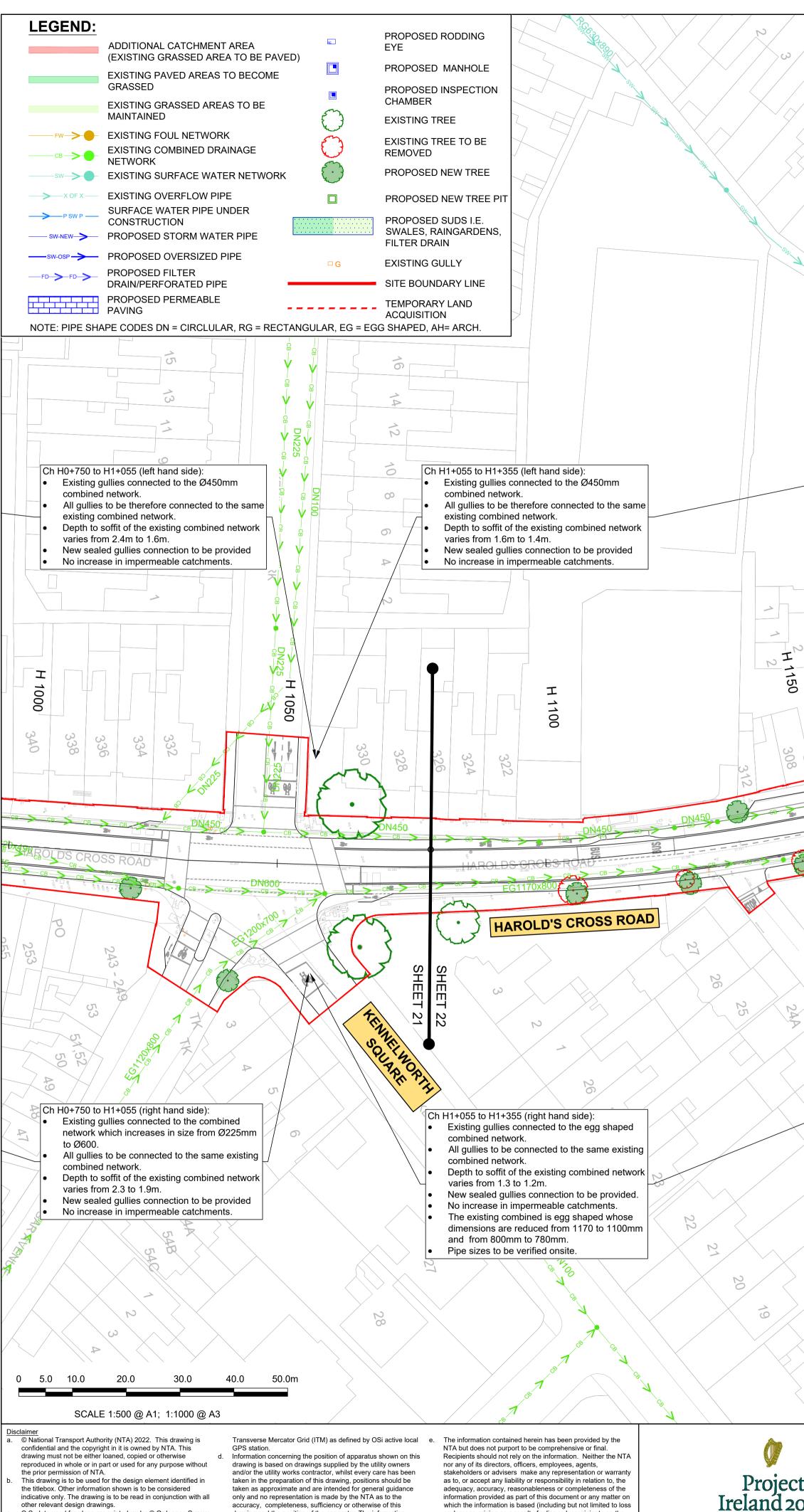
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- BE DETERMINED DURING DETAILED DESIGN.
- IMMEDIATELY UPSTREAM OF PEDESTRIAN CROSSINGS.
- CONSIDERATION.



<u>EGEND:</u>		
	ADDITIONAL CATCHMENT AREA (EXISTING GRASSED AREA TO BE PAVED)	
	EXISTING PAVED AREAS TO BECOME GRASSED	
	EXISTING GRASSED AREAS TO BE MAINTAINED	f
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—св —>-	EXISTING COMBINED DRAINAGE NETWORK	Ę
	EXISTING SURFACE WATER NETWORK	Ę
> P SW P	EXISTING OVERFLOW PIPE SURFACE WATER PIPE UNDER CONSTRUCTION PROPOSED STORM WATER PIPE	
-SW-OSP>	PROPOSED OVERSIZED PIPE	
FD	PROPOSED FILTER	
	PROPOSED PERMEABLE PAVING	-
TE: PIPE SHA	PE CODES DN = CIRCLULAR, RG = RECTANGUL	A



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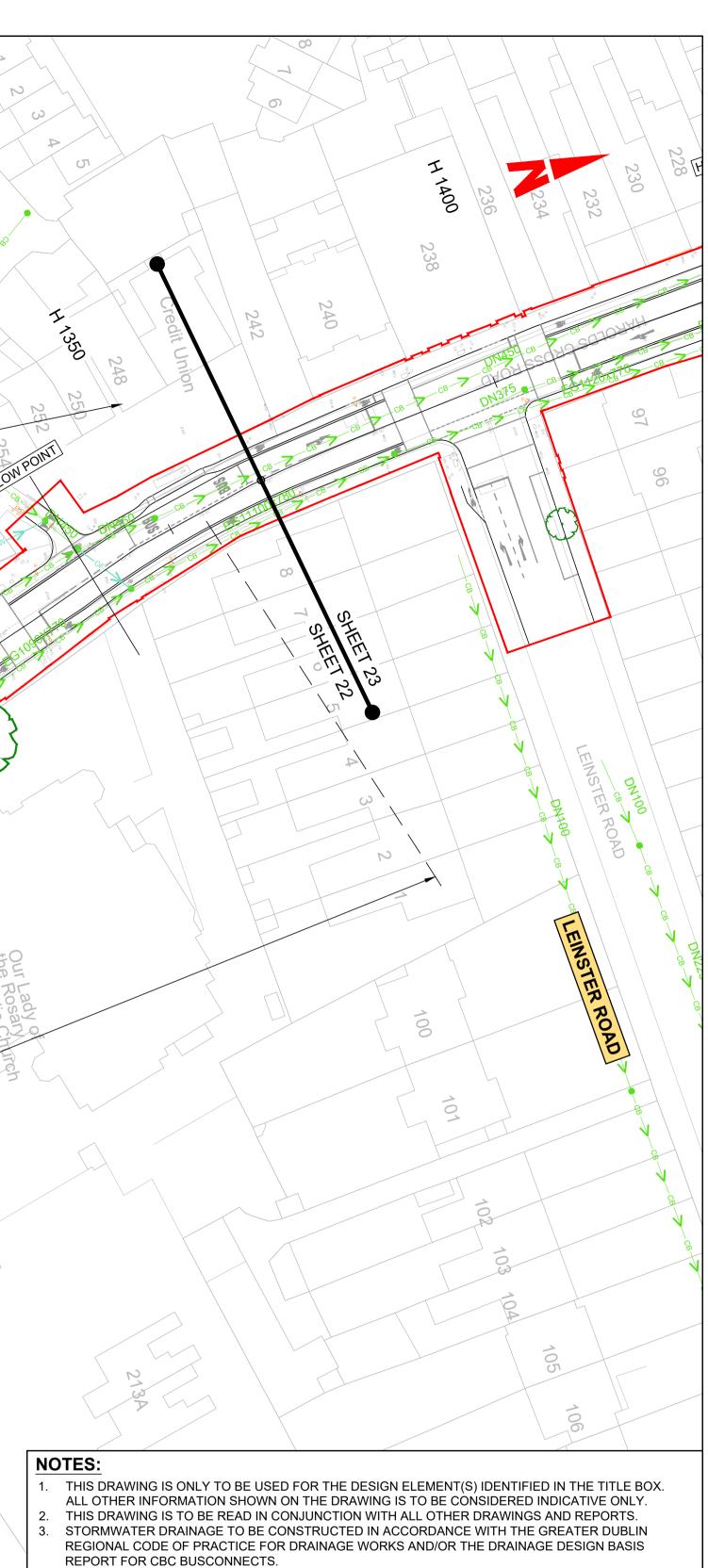
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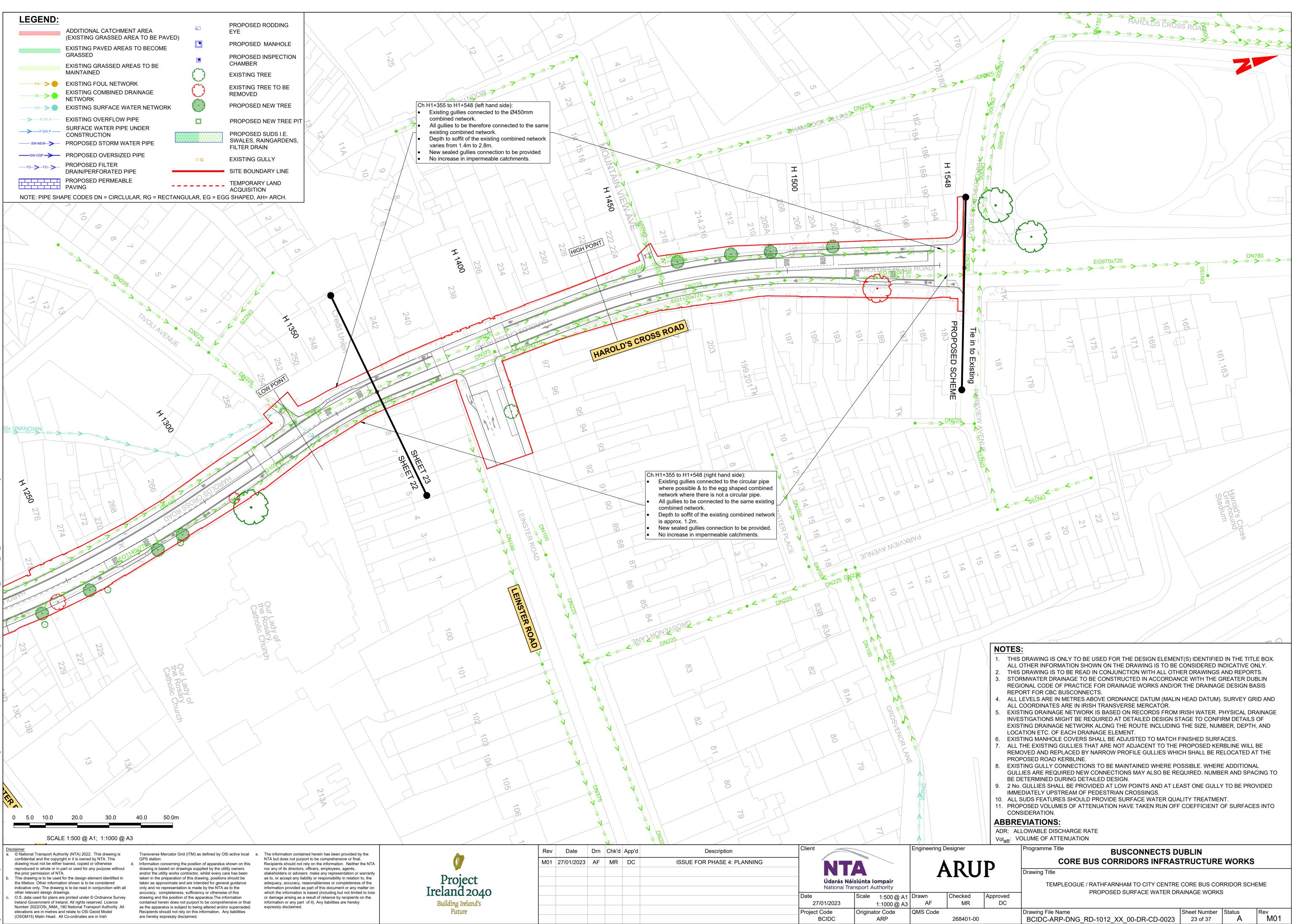
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- 11. PROPOSED VOLUMES OF ATTENUATION HAVE TAKEN RUN OFF COEFFICIENT OF SURFACES INTO CONSIDERATION.

ABBREVIATIONS:

ADR: ALLOWABLE DISCHARGE RATE Volatt: VOLUME OF ATTENUATION

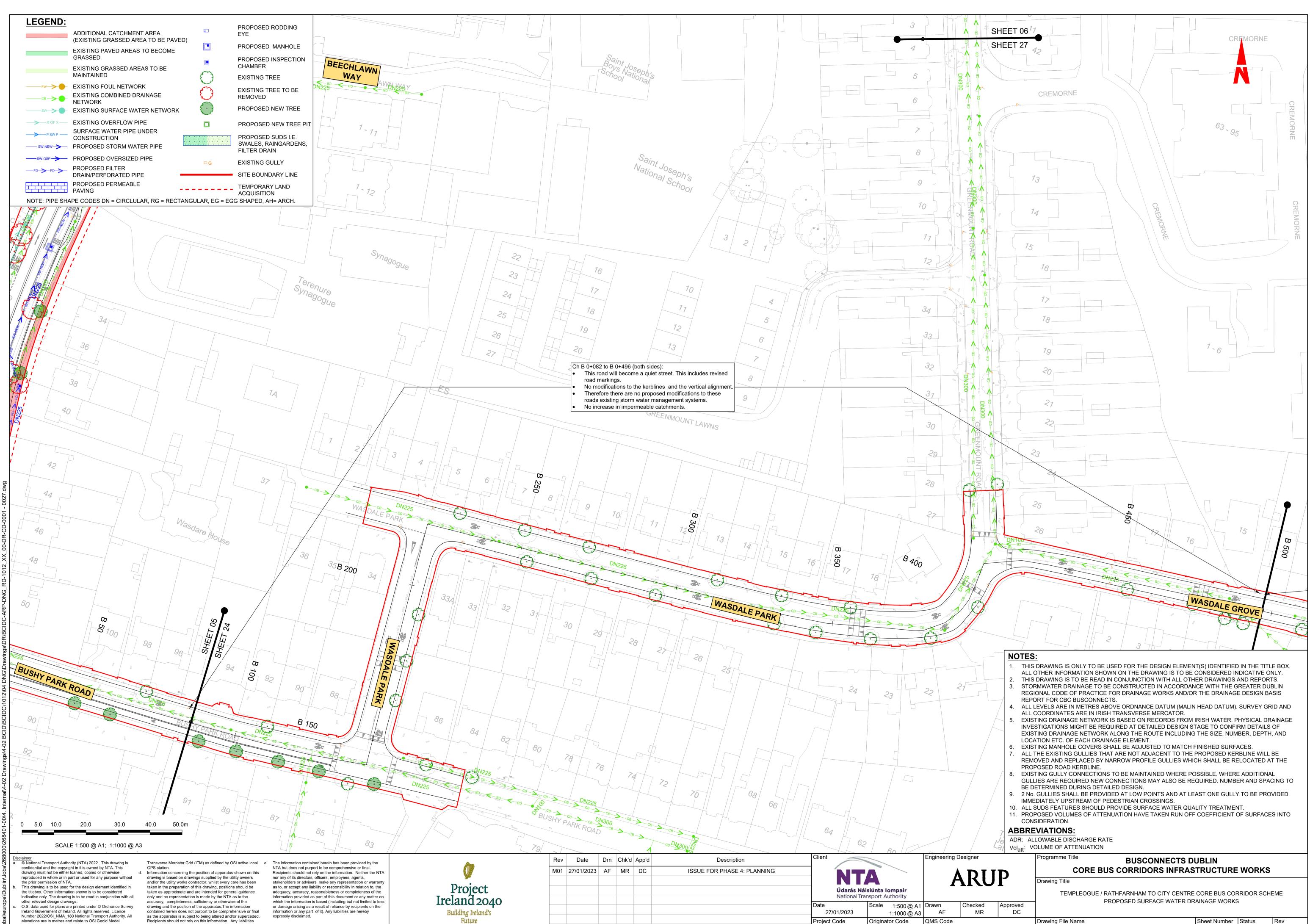
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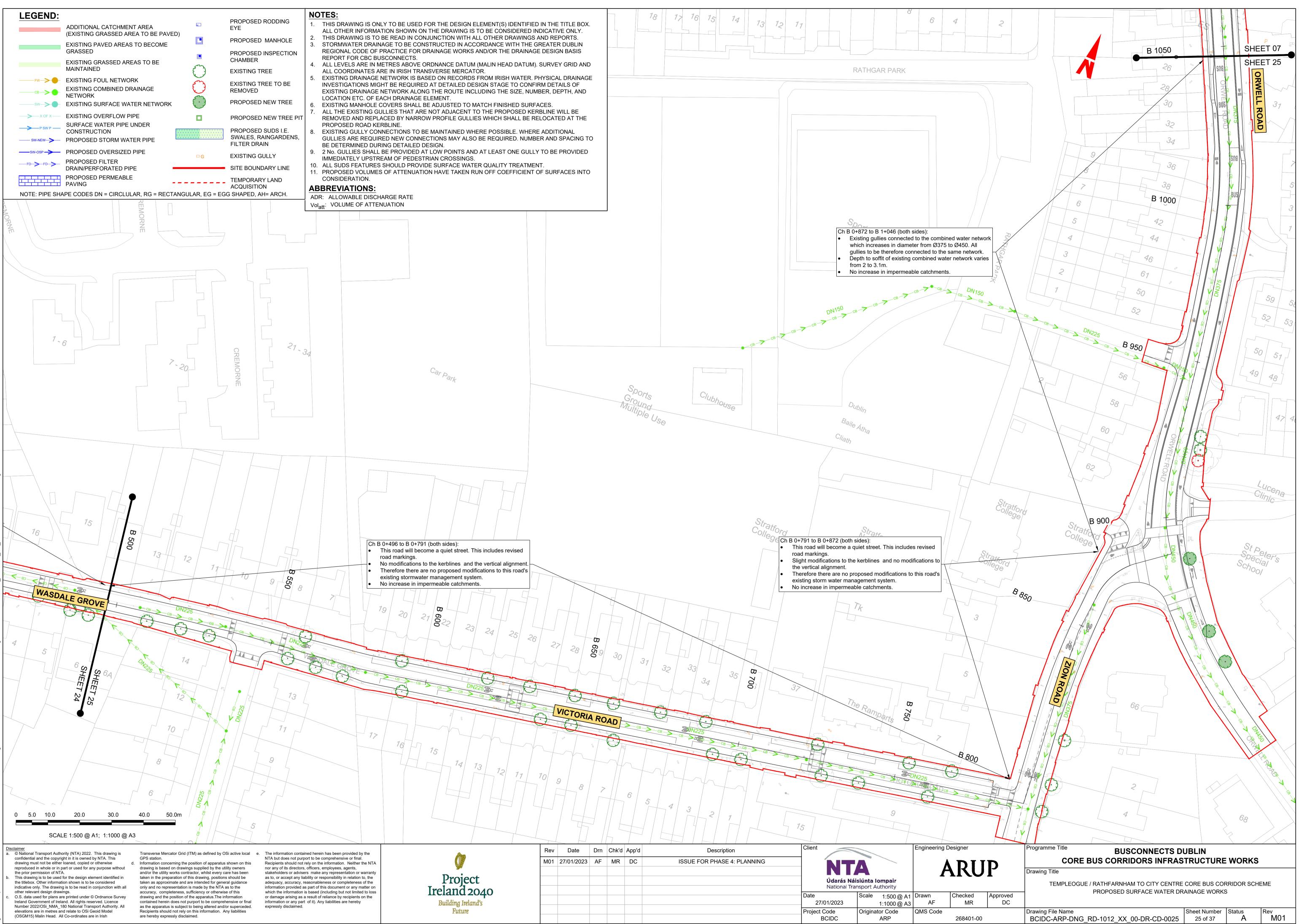
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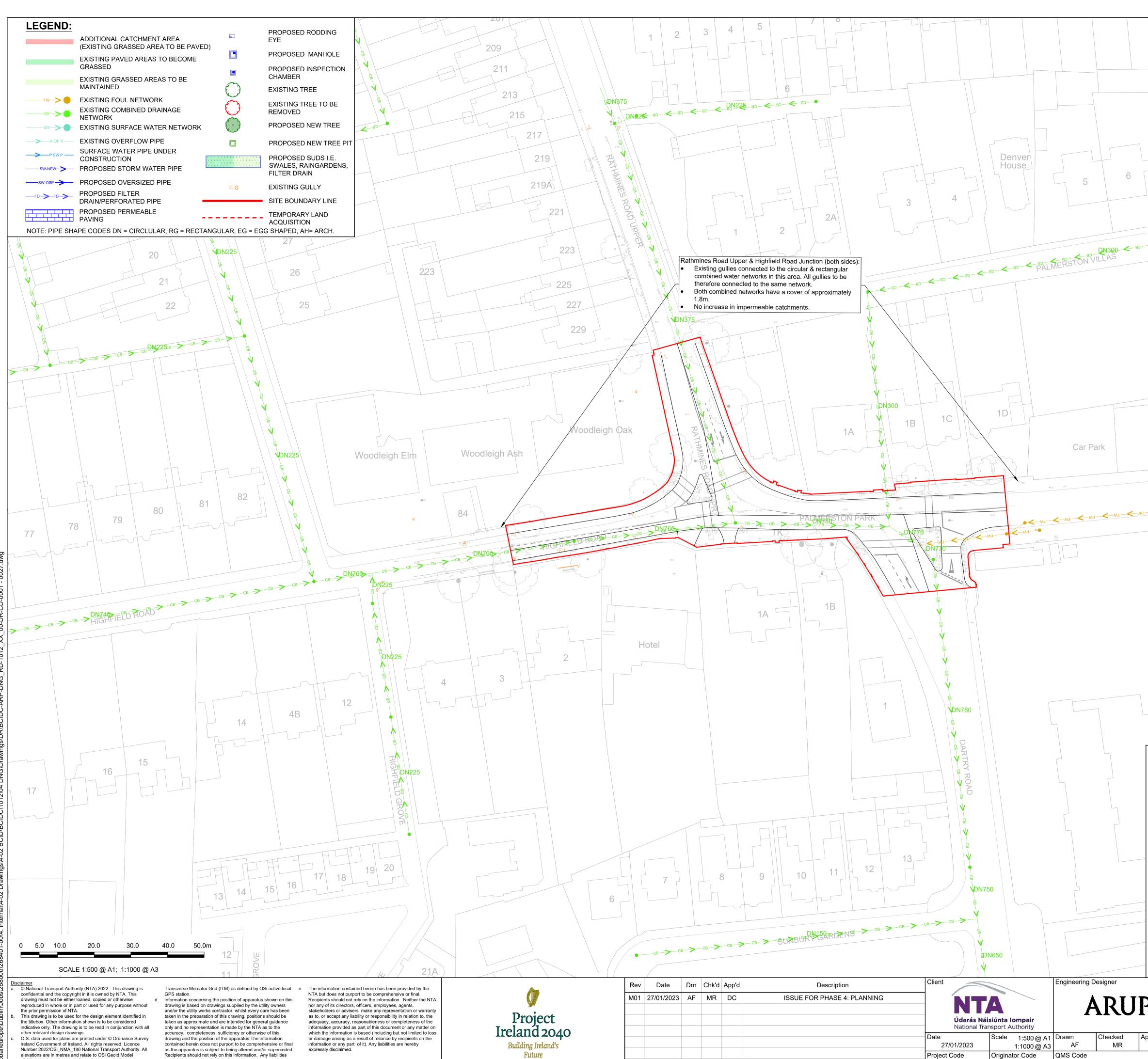
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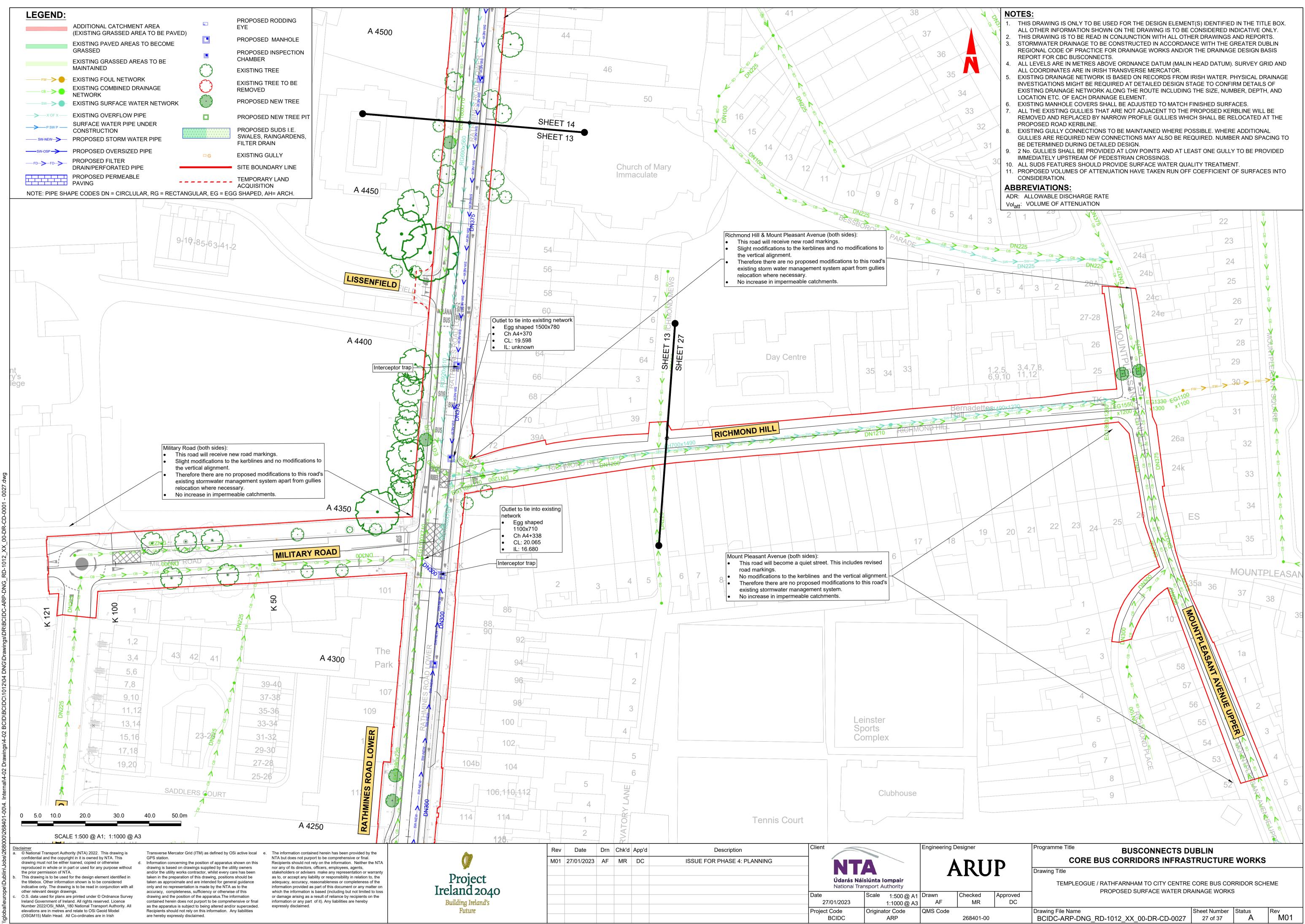
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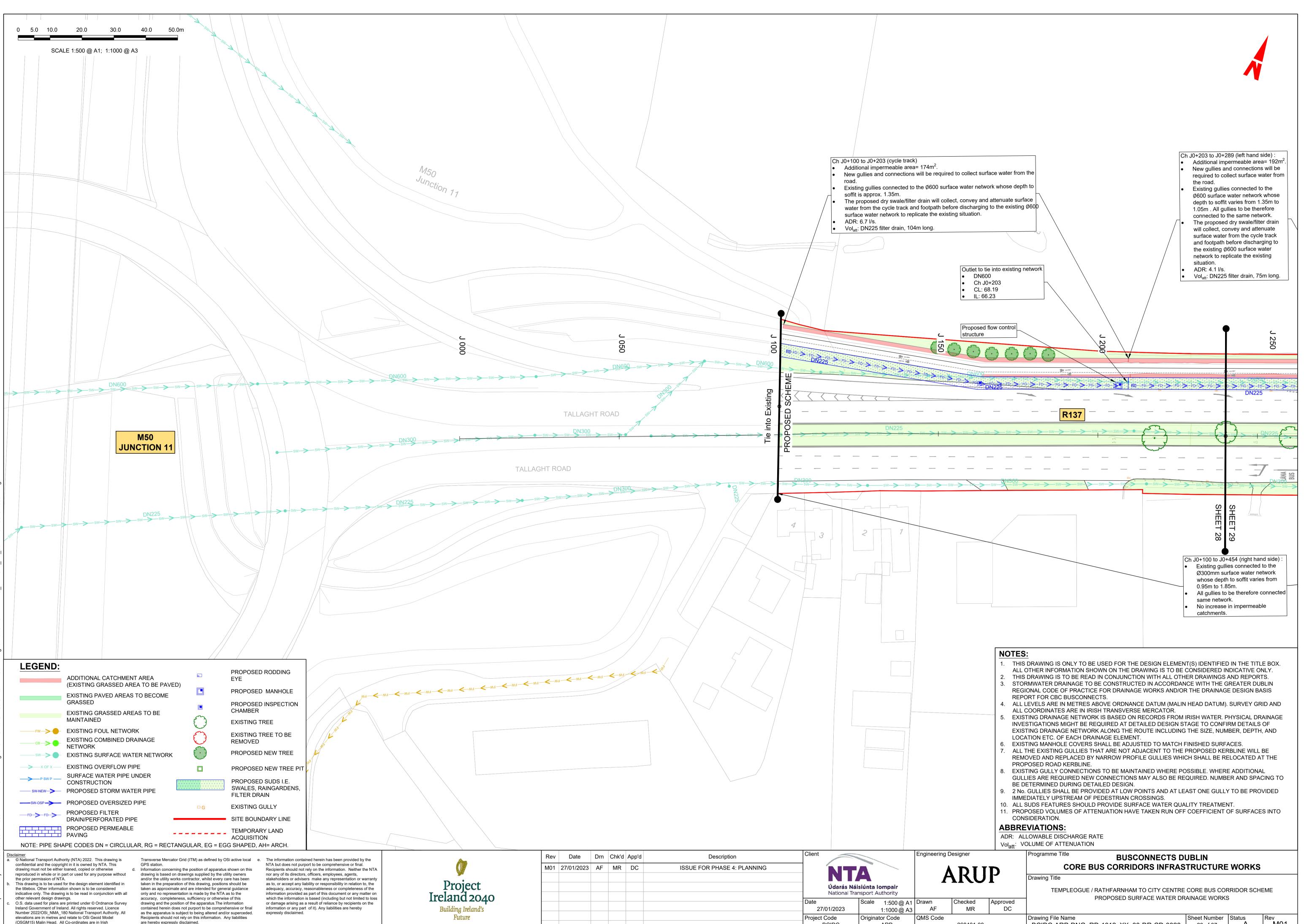


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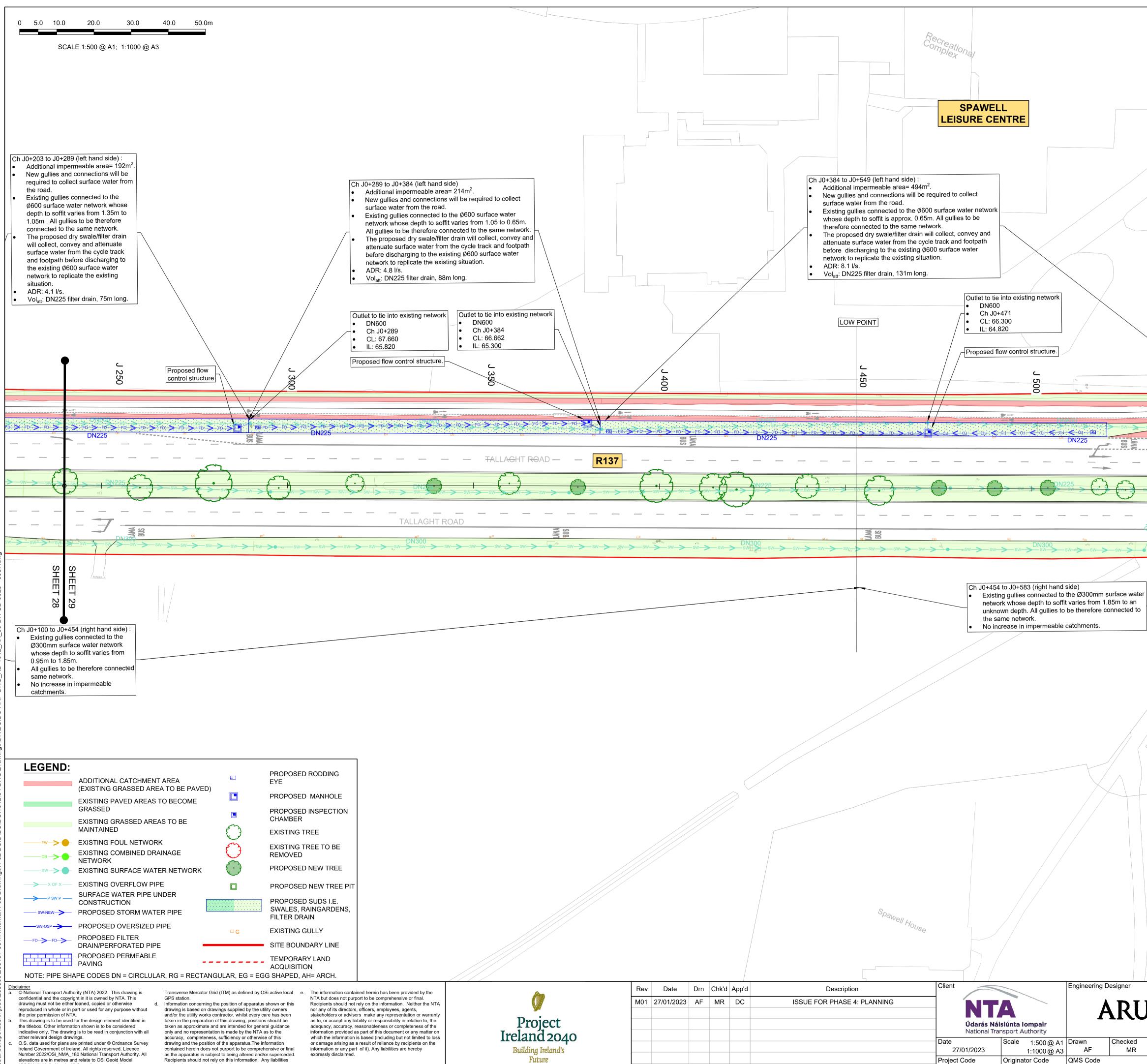
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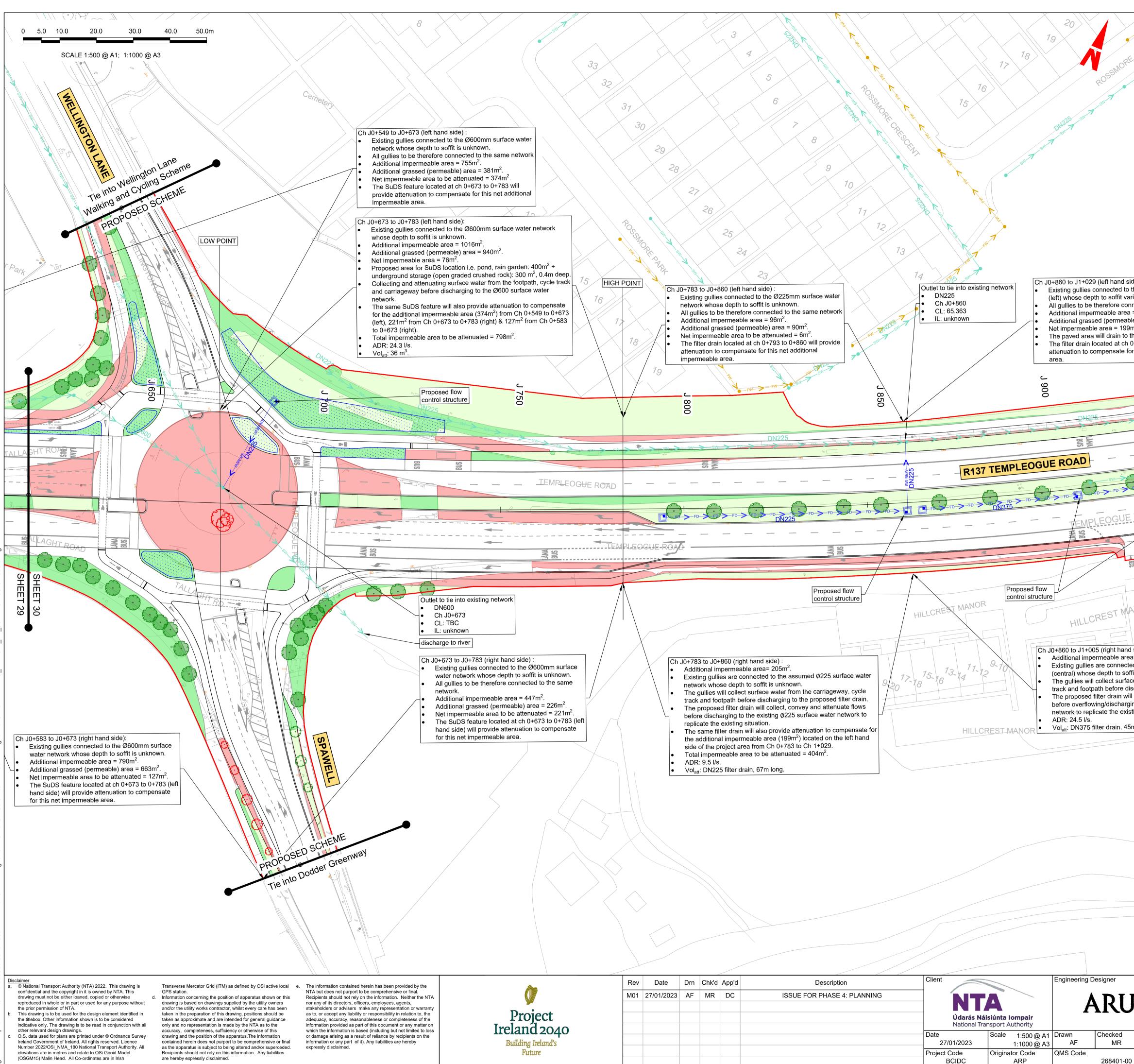
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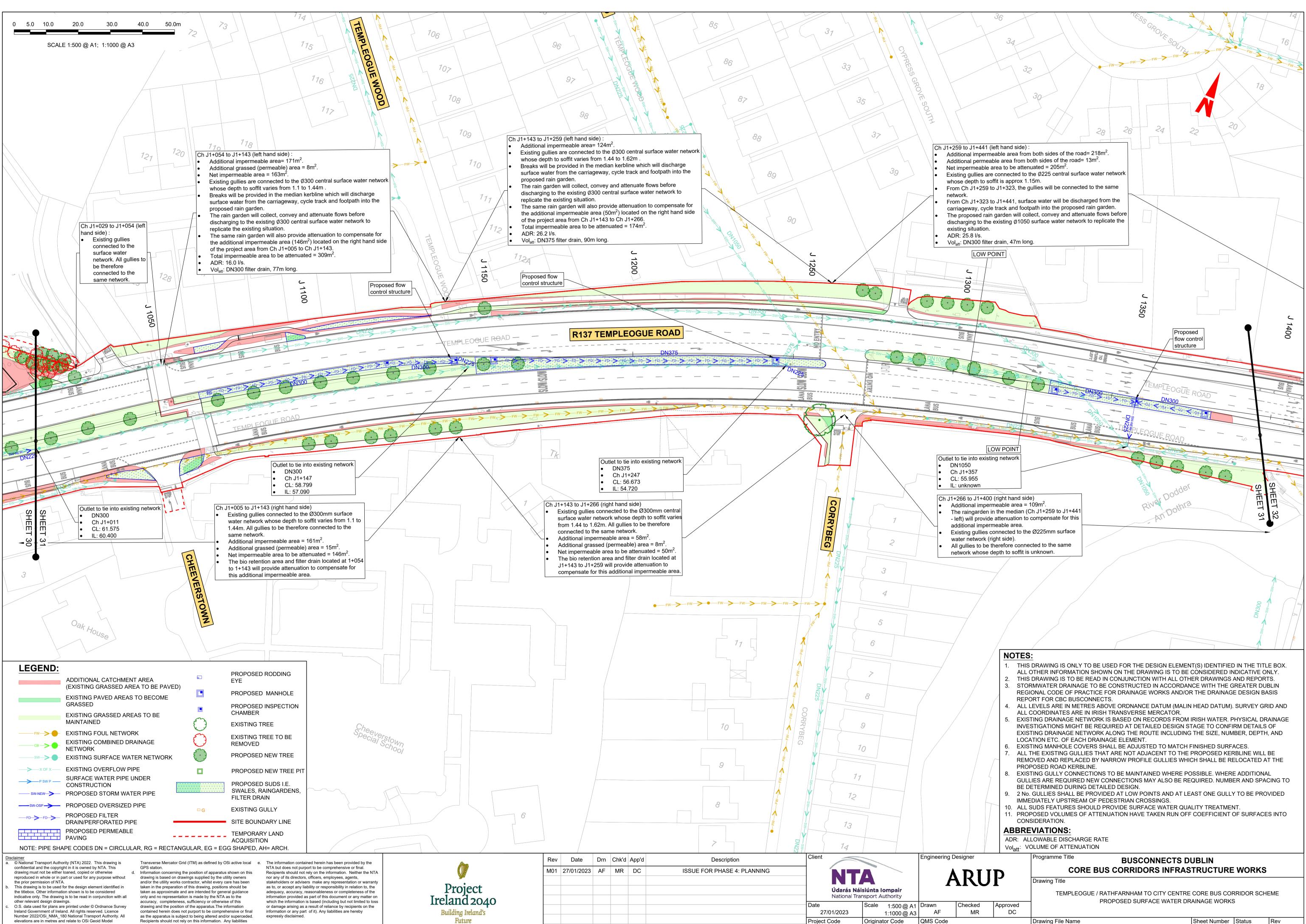
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	SURFACE WATER PIPE UNDER		PROPOSED NEW TREE PIT
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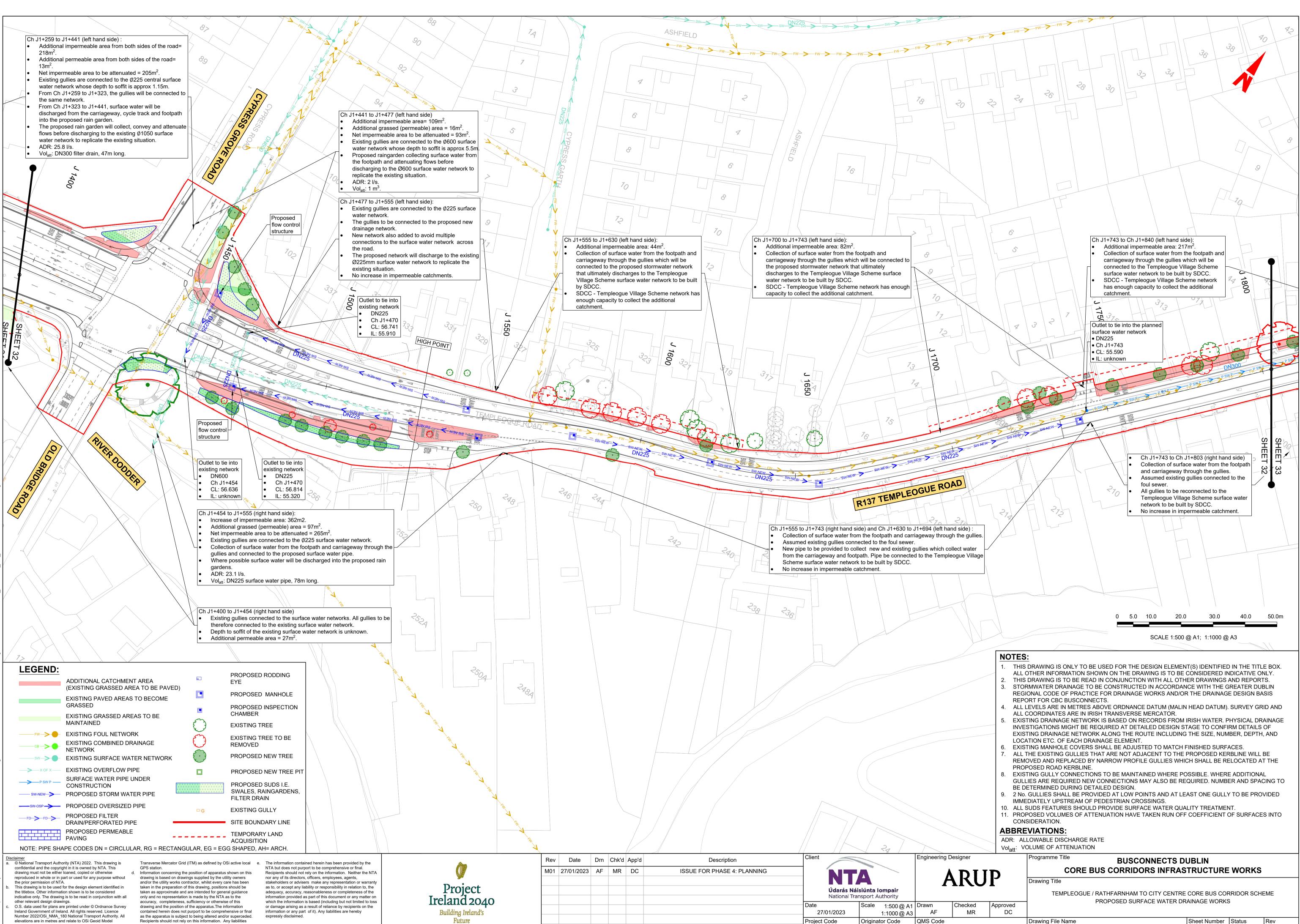
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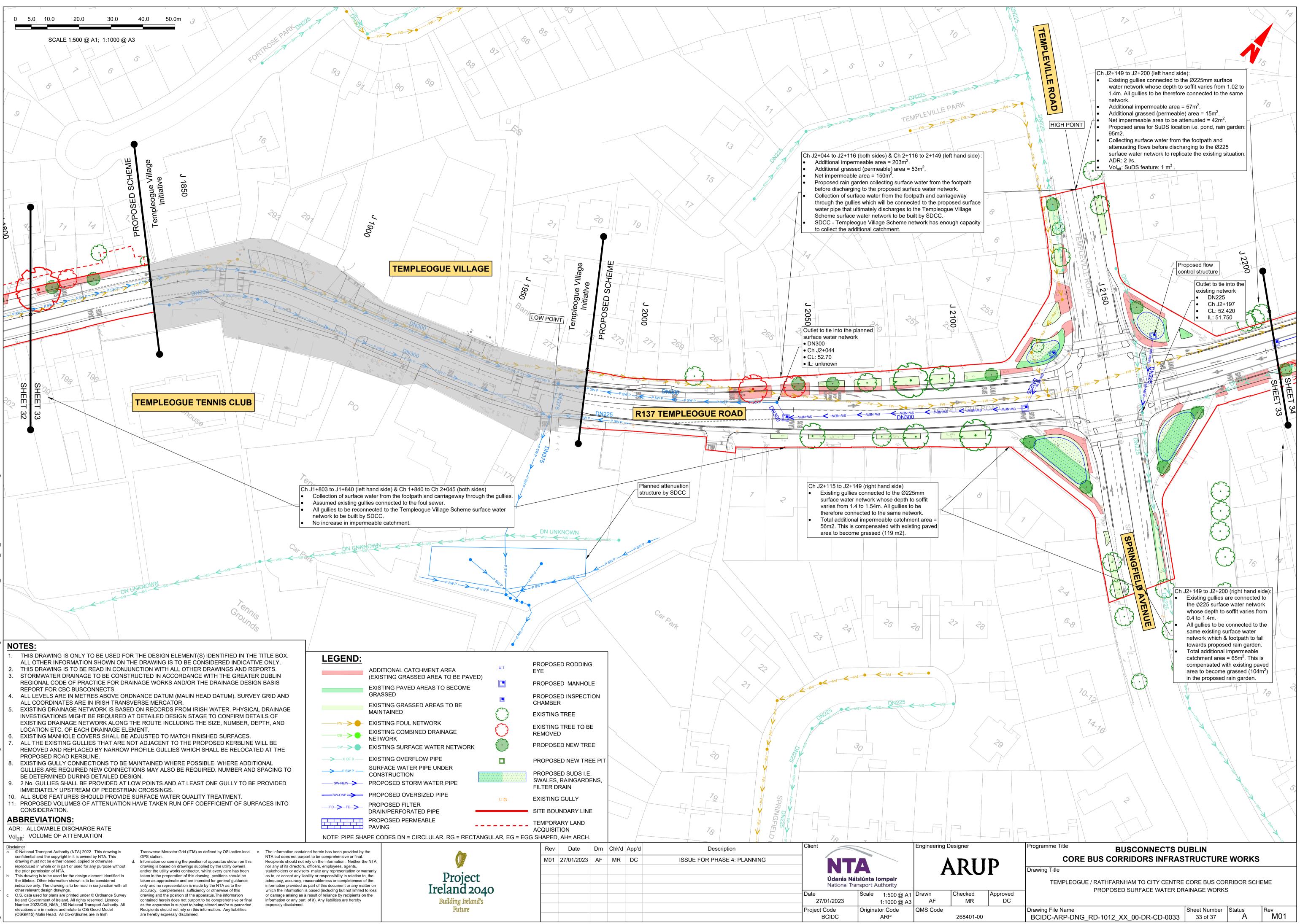
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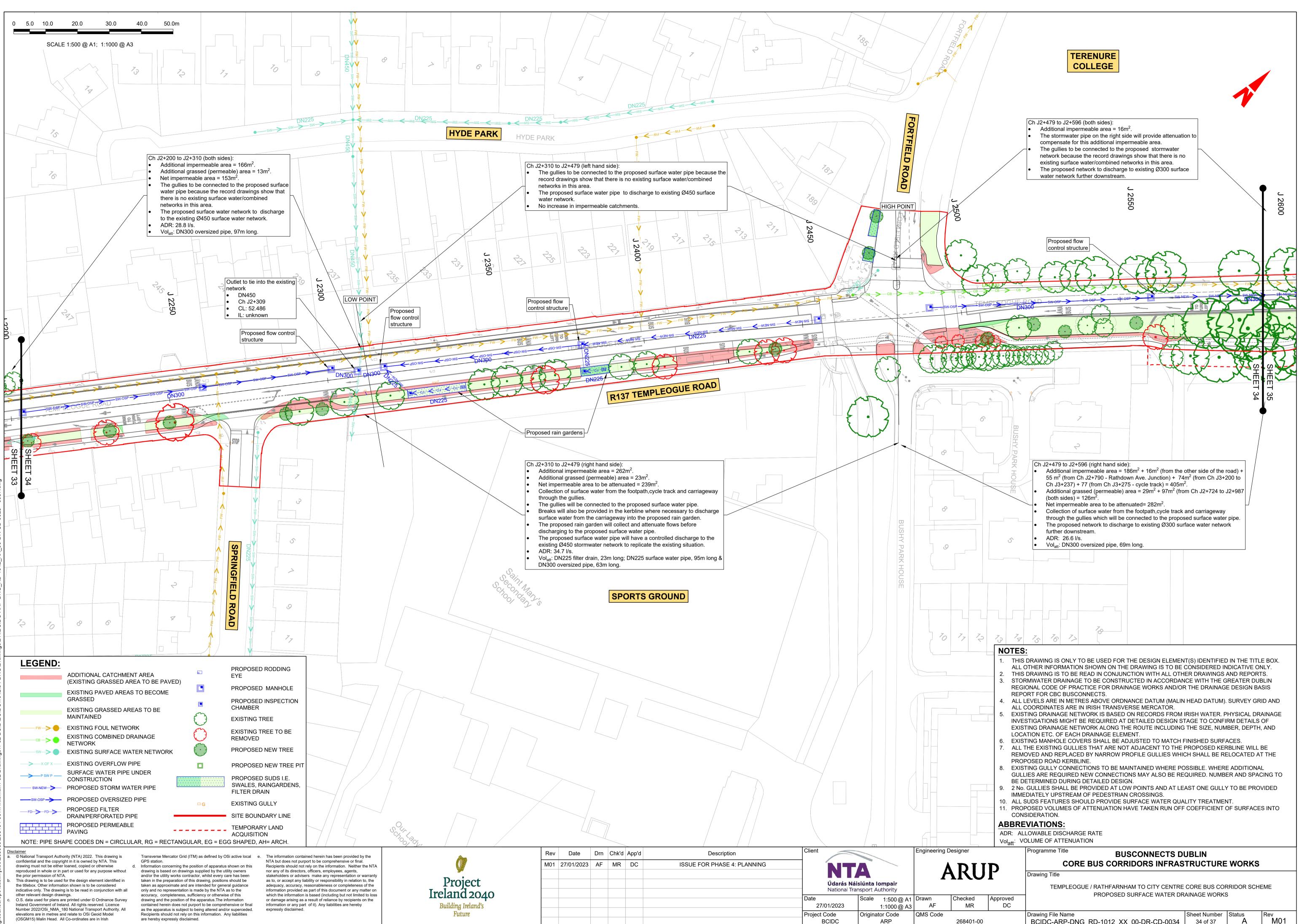
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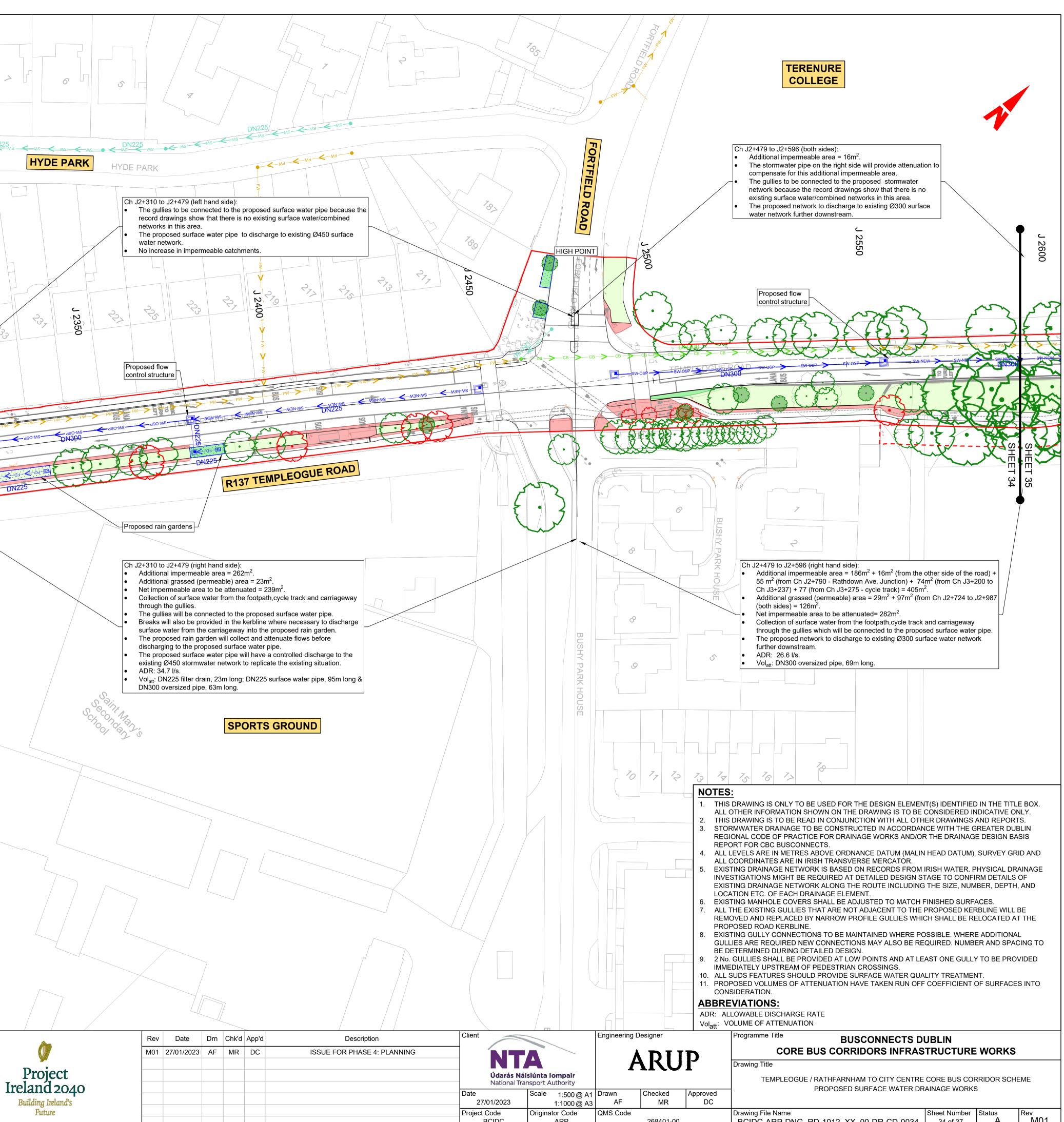
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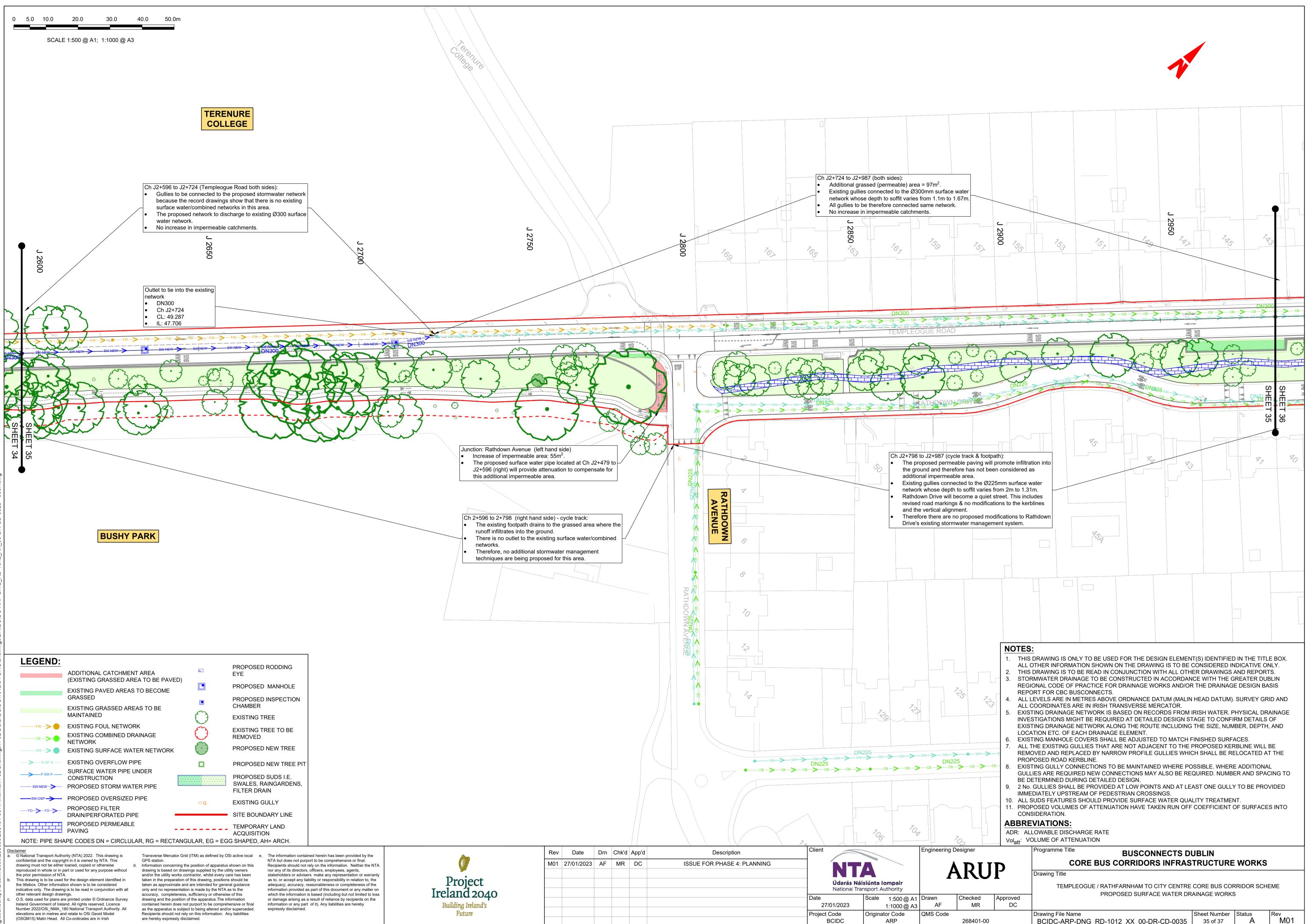
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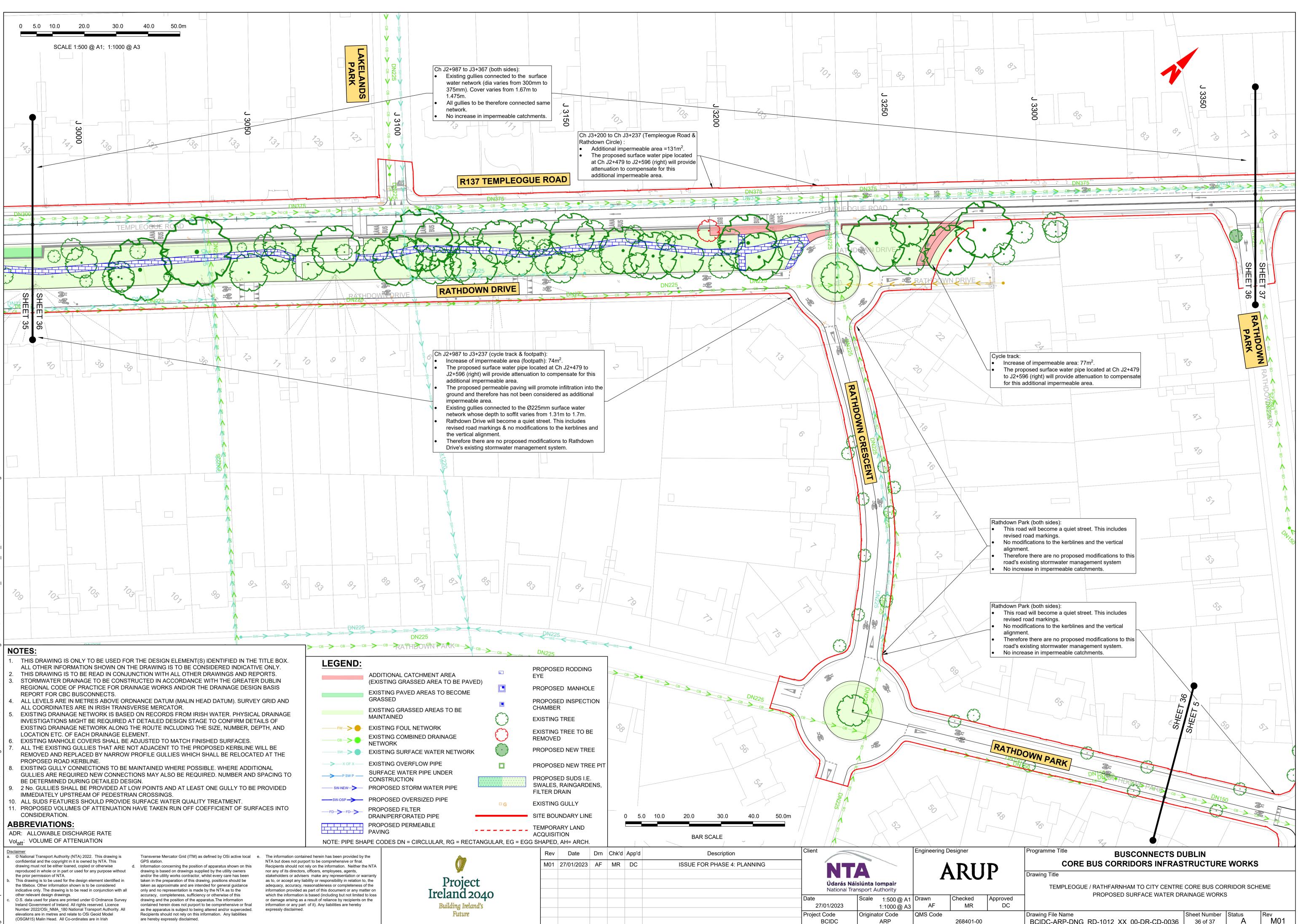


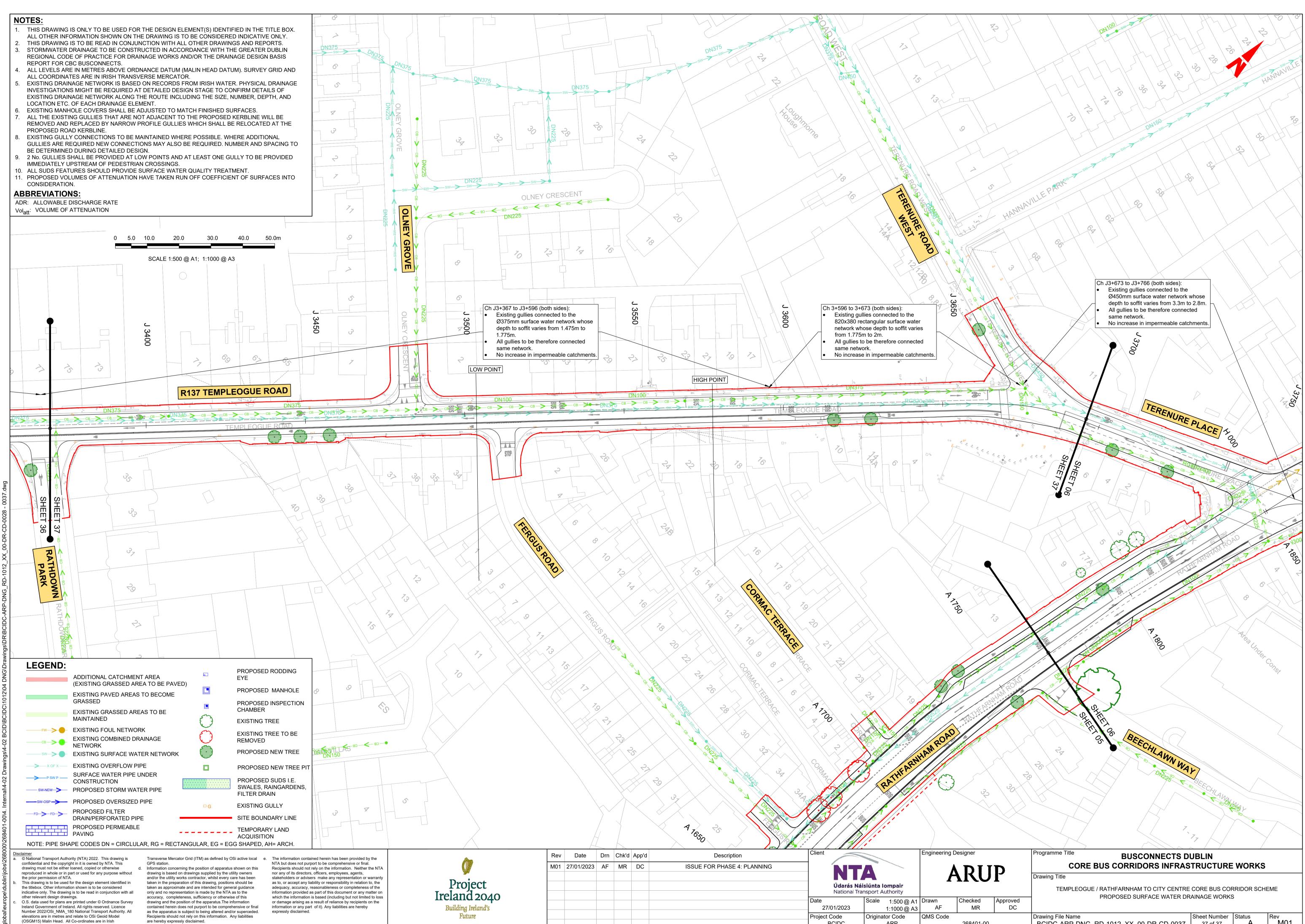


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