

Legend

- DUB15 Attenuation Tank 1 Catchment Area
- DUB15 Proposed Attenuation Tank 1
- DUB15 Attenuation Tank 2 Catchment Area
- DUB15 Proposed Attenuation Tank 2
- DUB16 Attenuation Tank Catchment Area
- DUB16 Proposed Attenuation Tank
- Energy Centre Attenuation Tank Catchment Areas
- Energy Centre Proposed Attenuation Tank
- Existing Attenuation Tank
- Proposed Attenuation Tank

Beginning of Watercourse Diversion
Refer to Drawing
IE-DUBZZ-STE1-EO-ARP-DR-C-0106

End of Watercourse Diversion
Refer to Drawing
IE-DUBZZ-STE1-EO-ARP-DR-C-0107

Existing Downstream Watercourse segment to be widened
Refer to Drawing
IE-DUBZZ-STE1-EO-ARP-DR-C-0107

Rev	Date	By	Chkd	Apprd
C01	28/07/21	DF	CDS	JMAC
Issued for Planning				

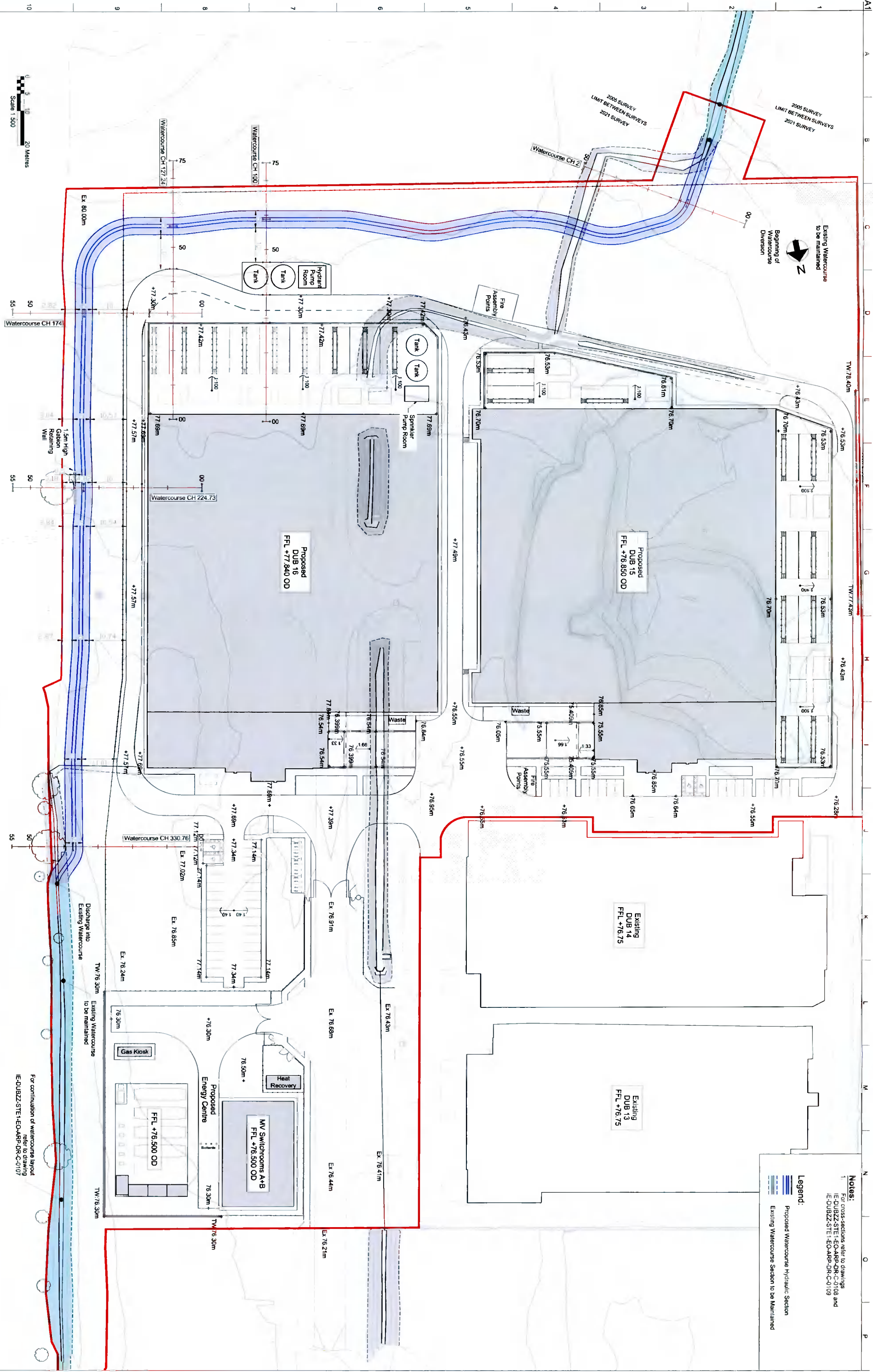
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Digital Netherlands VIII B.V.
(Netherlands)

Project Title
INXN DUB15/16

Drawing Title
Proposed Surface Water Catchment Site Areas

Scale in A1	1:500
Role	Civil
Speciality	Planning
Appr. Job No.	280503-00
Name	IE-DUBZZ-STE1-EO-ARP-DR-C-0105
Rev	C01

Do not scale



Notes:
 For cross-sections refer to drawings
 IE-DUBZZ-STE1-EO-ARP-DR-C-0108 and
 IE-DUBZZ-STE1-EO-ARP-DR-C-0109

Legend:
 Proposed Watercourse Hydraulic Section
 Existing Watercourse Section to be Maintained



Rev	Date	By	CHK	Appd
C01	28/07/21	CDS	CDS	JMAC
Issued for Planning				

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Client
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 (Netherlands)

Project Title
INXN DUB15/16

Drawing Title
**Proposed Watercourse Diversion
 Layout
 Plan View
 Sheet 1 of 2**

Scale: A4 1:500

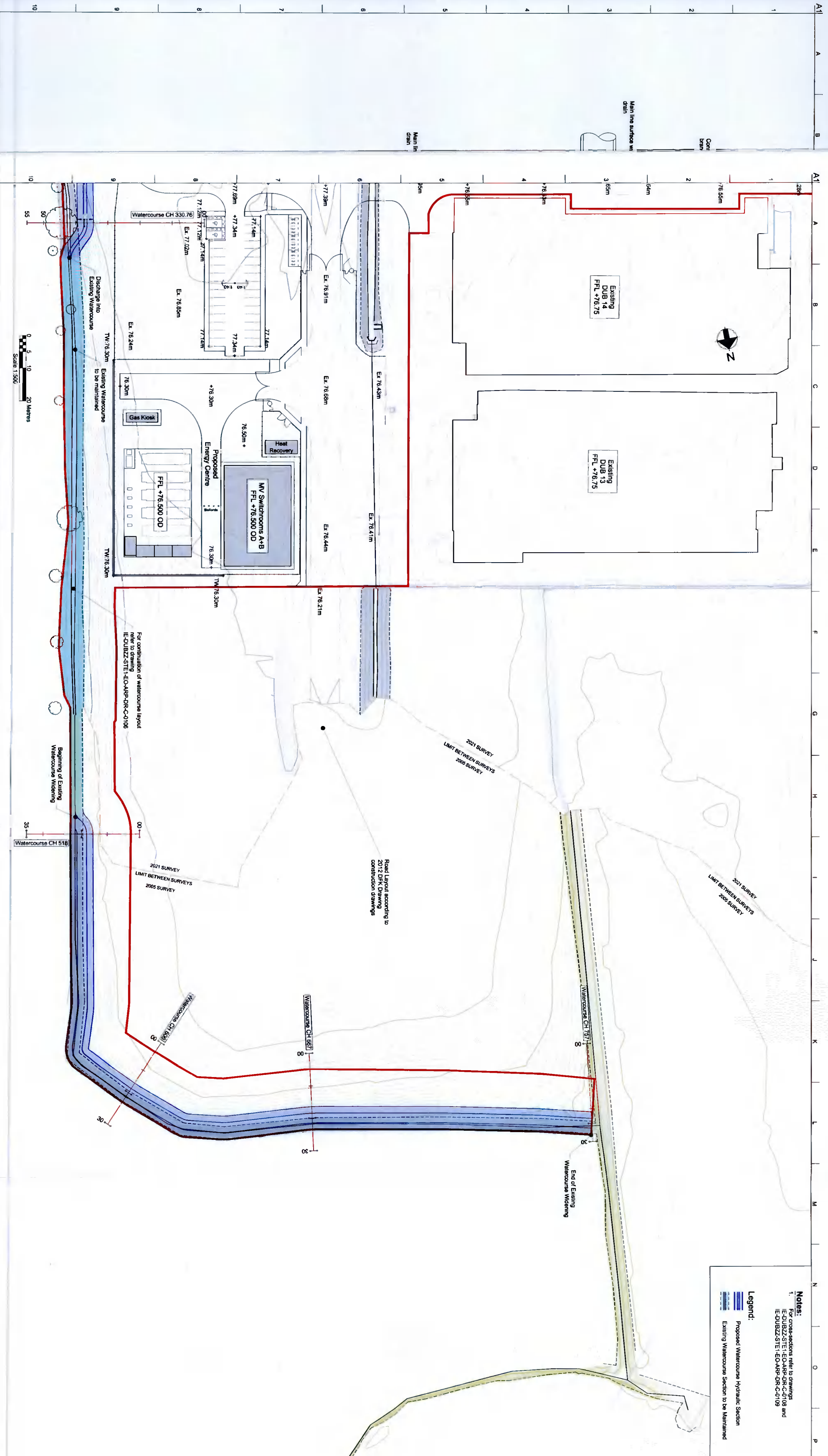
Role	Civil
Speciality	Planning
Arup Job No	280503-00
Rev	C01

IE-DUBZZ-STE1-EO-ARP-DR-C-0106

For continuation of watercourse layout
 refer to drawing
 IE-DUBZZ-STE1-EO-ARP-DR-C-0107

Notes:
 1. For cross-sections refer to drawings
 IE-DUBZZ-STE1-EO-ARP-DR-C-0108 and
 IE-DUBZZ-STE1-EO-ARP-DR-C-0109

Legend:
 Proposed Watercourse Hydraulic Section
 Existing Watercourse Section to be Maintained



CU1	28/07/21	CDS	CDS	JMAC
Rev	Drawn	By	Check	Approved

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Project Title:
 INXN DUB15/16

Drawing Title:
 Proposed Watercourse Diversion
 Layout
 Plan View
 Sheet 2 of 2

Scale at A1	1:500
Role	CHM
Drawn	CHM
Checked	CHM
Project No	280503-00
Sheet No	C01
Project Name	IE-DUBZZ-STE1-EO-ARP-DR-C-0107

Irish Water Web Map



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UISCE
EIREANN : IRISH
WATER

Print Date: 20/05/2021

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Water Distribution Network	Sewer Fault/Condition Network	Storm Water Network
Water Treatment Plant	Waste Water Pump Station	Surface Water Mains
Storage Cell/Tower	Water Main Irish Water	Surface Gravel Mains Private
Dosing Point	Gravel - Combined	Surface Water Pressurised Mains
Meter Station	Gravel - Unknown	Surface Water Pressurised Mains Private
Abandonment Point	Pumping - Combined	Inlet Type
Telemetry Kiosk	Pumping - Foul	Standard
Raw Water	Syphon - Combined	Other/Unknown
Water Distribution Mains	Syphon - Foul	Storm Manholes
Irish Water	Overflow	Standard
Private	Sewer Mains Private	Backstop
Trunk Water Mains	Gravel - Combined	Catchpit
Irish Water	Gravel - Foul	Chimney
Private	Pumping - Combined	Heelbox
Water Lateral Lines	Pumping - Foul	Lampbox
Irish Water	Pumping - Unknown	Hydropane
Non-Return	Syphon - Combined	Other/Unknown
Water Casing	Syphon - Foul	Storm Culverts
Water Abandoned Lines	Sewer Lateral Lines	Storm Clean Outs
Boundary Meter	Sewer Castings	Sewerwater Chambers
Bulk/Check Meter	Sewer Manholes	Discharge Type
Group Scheme	Standard	Outfall
Source Meter	Backstop	Overflow
Unknown Meter - Other Meter	Cascade	Soakaway
Non-Return	Catchpit	Other/Unknown
PSV	Relocation	Gas Mains/Leak
Slide Line Valve Open/Closed	Pressure Monitoring Point	Transmission High Pressure Gasline
Buttery/Lines Valve Open/Closed	Fire Hydrant/Waterout	Transmission Medium Pressure Gasline
Source Boundary Valve Open/Closed	Water Fittings	Distribution Low Pressure Gasline
Buttery/Boundary Valve Open/Closed	Cap	ESB Networks
Scour Valves	Roofcut	ESB HV Lines
Single Air Control Valve	Tap	HV Abandoned
Doodle Air Control Valve	Other Fittings	ESB MV Lines
Water Stop Valves		WV Overhead Three Phase
Water Service Connections		WV Overhead Single Phase
Water Distribution Chambers		LV Overhead Three Phase
Water Network JUNCTIONS		LV Overhead Single Phase
Pressure Monitoring Point		MV/LV Underground
Fire Hydrant/Waterout		Abandoned
Water Fittings		Non-Service Cables
Cap		Proposed
Roofcut		Under Construction
Tap		Out of Service
Other Fittings		Water Non-Service Assets
		Water Point Feature
		Water Pipe
		Water Structure
		Waste Non-Service Assets
		Waste Point Feature
		Sewer
		Waste Structure

Irish Water Web Map



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WATER

Print Date: 20/05/2021

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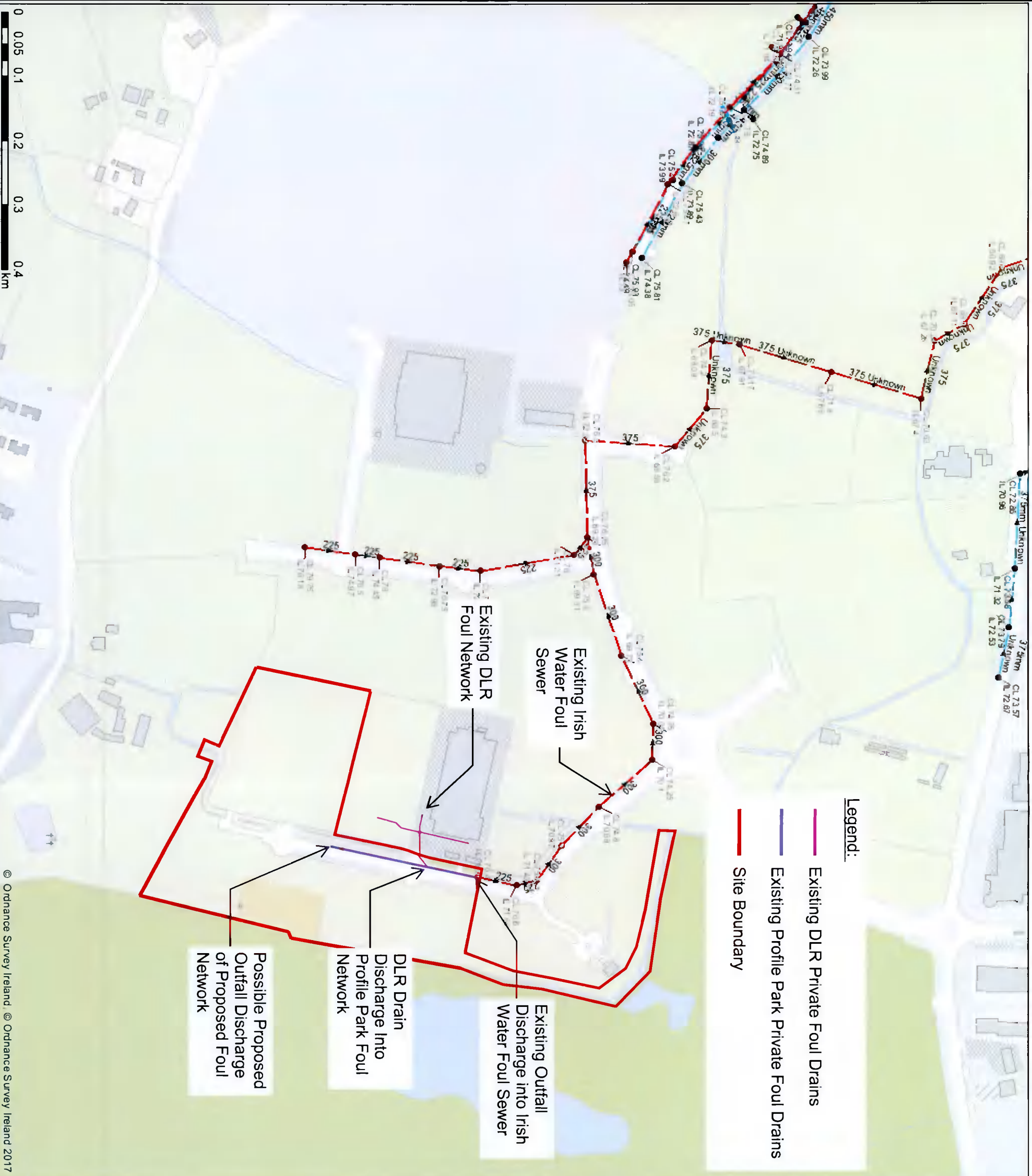
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Water Distribution Networks	Sewer/Coal Combined Networks	Storm Water Networks
Water Treatment Plant	Waste Water Treatment Plant	Surface Water Mains
Storage Cistern	Waste Water Pump Station	Surface Gravel Mains
Denning Point	Sewer Main Irish Water	Surface Water Pressure Mains
Meter Station	Gravel - Combined	Surface Water Pressure Mains Private
Abstraction Point	Gravel - Foul	Inlet Type
Raw Water	Pumping - Combined	Standard
Raw Water	Pumping - Foul	Other/Unknown
Water Distribution Mains	Siphon - Combined	Storm Manholes
Private	Siphon - Foul	Standard
Trunk Water Mains	Gravel - Combined	Backdrop
Trunk Water	Gravel - Foul	Catchpit
Private	Pumping - Combined	Heelbox
Iron Water	Pumping - Foul	Lampbox
Non-Return	Pumping - Unknown	Other/Unknown
Water Lateral Lines	Siphon - Combined	Storm Clean Outs
Iron Water	Siphon - Foul	Stormwater Chambers
Non-Return	Overflow	Discharge Type
Water Cappings	Sewer Lateral Lines	Standard
Water Abandoned Lines	Sewer Cleanings	Other/Unknown
Boundary Meter	Sewer Manholes	Soakaway
Bulk/Check Meter	Standard	Other/Unknown
Group Scheme	Backdrop	Gas Networks Ireland
Source Meter	Cascade	Transmission High Pressure Galline
Waste Meter	CE Catchpit	Distribution Medium Pressure Galline
Unknown Meter - Other Meter	CE Bulb	Distribution Low Pressure Galline
Non-Return	1.5 Heelbox	ESB Networks
PSV	Lampbox	ESB HV Lines
Slice Line Valve Open/Closed	Hydrolock	HV Underground
Bulb/Line Valve Open/Closed	Other/Unknown	ESB HV Lines
Bulb/Line Valve Open/Closed	Discharge Type	HV Overhead
Bulb/Line Valve Open/Closed	Standard	ESB MW Lines
Bulb/Line Valve Open/Closed	Other/Unknown	MV Overhead Three Phase
Bulb/Line Valve Open/Closed	Standard	MV Overhead Single Phase
Bulb/Line Valve Open/Closed	Other/Unknown	LV Overhead Three Phase
Bulb/Line Valve Open/Closed	Standard	LV Overhead Single Phase
Bulb/Line Valve Open/Closed	Other/Unknown	MW/V Underground
Bulb/Line Valve Open/Closed	Standard	Non-Standard Cables
Bulb/Line Valve Open/Closed	Other/Unknown	Proposed
Bulb/Line Valve Open/Closed	Standard	Under Construction
Bulb/Line Valve Open/Closed	Other/Unknown	Decommissioned
Bulb/Line Valve Open/Closed	Standard	Out of Service
Bulb/Line Valve Open/Closed	Other/Unknown	Water Point Feature
Bulb/Line Valve Open/Closed	Standard	Water Structure
Bulb/Line Valve Open/Closed	Other/Unknown	Waste Non-Service Assets
Bulb/Line Valve Open/Closed	Standard	Waste Point Feature
Bulb/Line Valve Open/Closed	Other/Unknown	Sewer
Bulb/Line Valve Open/Closed	Standard	Waste Structure
Bulb/Line Valve Open/Closed	Other/Unknown	

Irish Water Web Map



- Legend:**
- Existing DLR Private Foul Drains
 - Existing Profile Park Private Foul Drains
 - Site Boundary

UISCE
EIREANN : IRISH WATER

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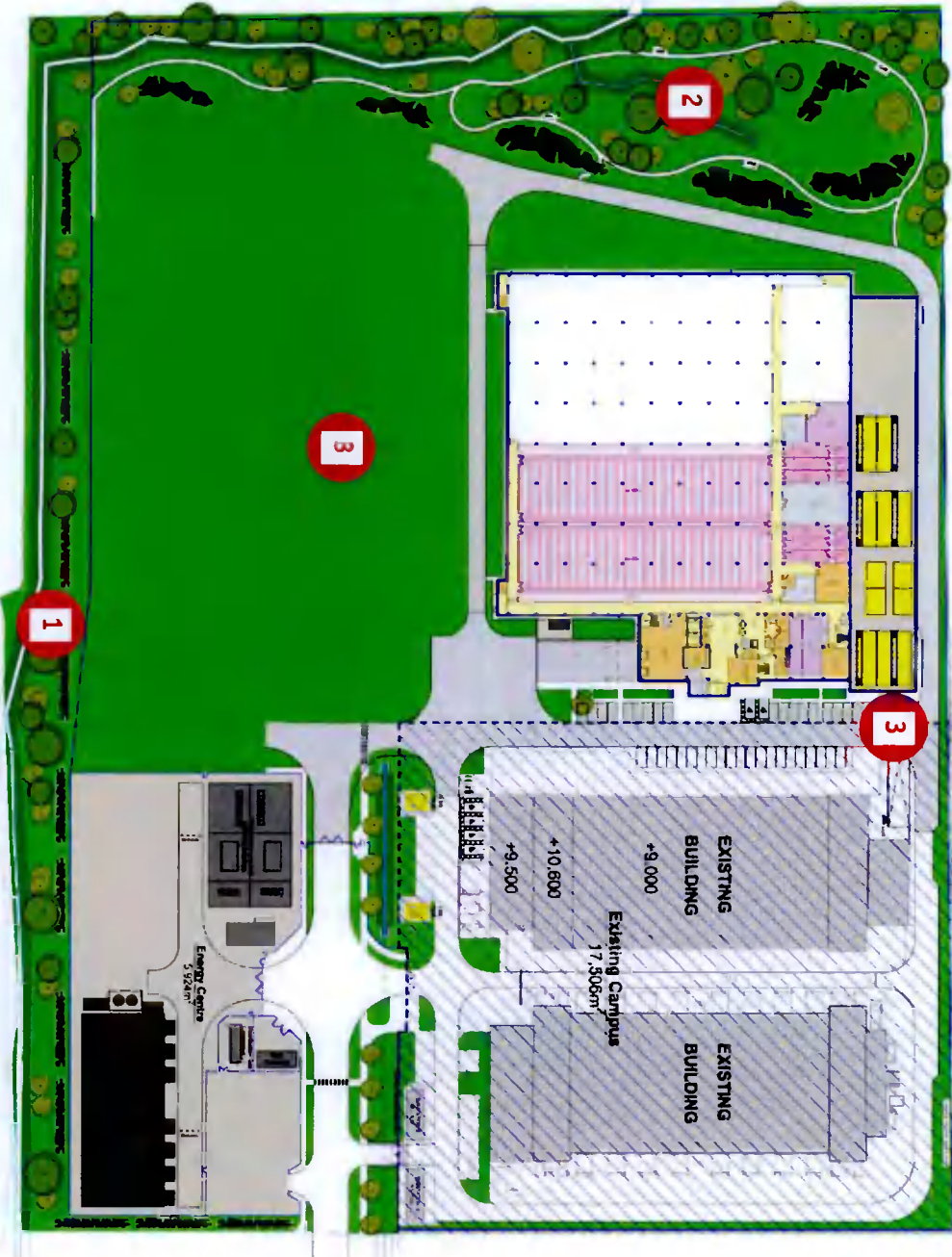
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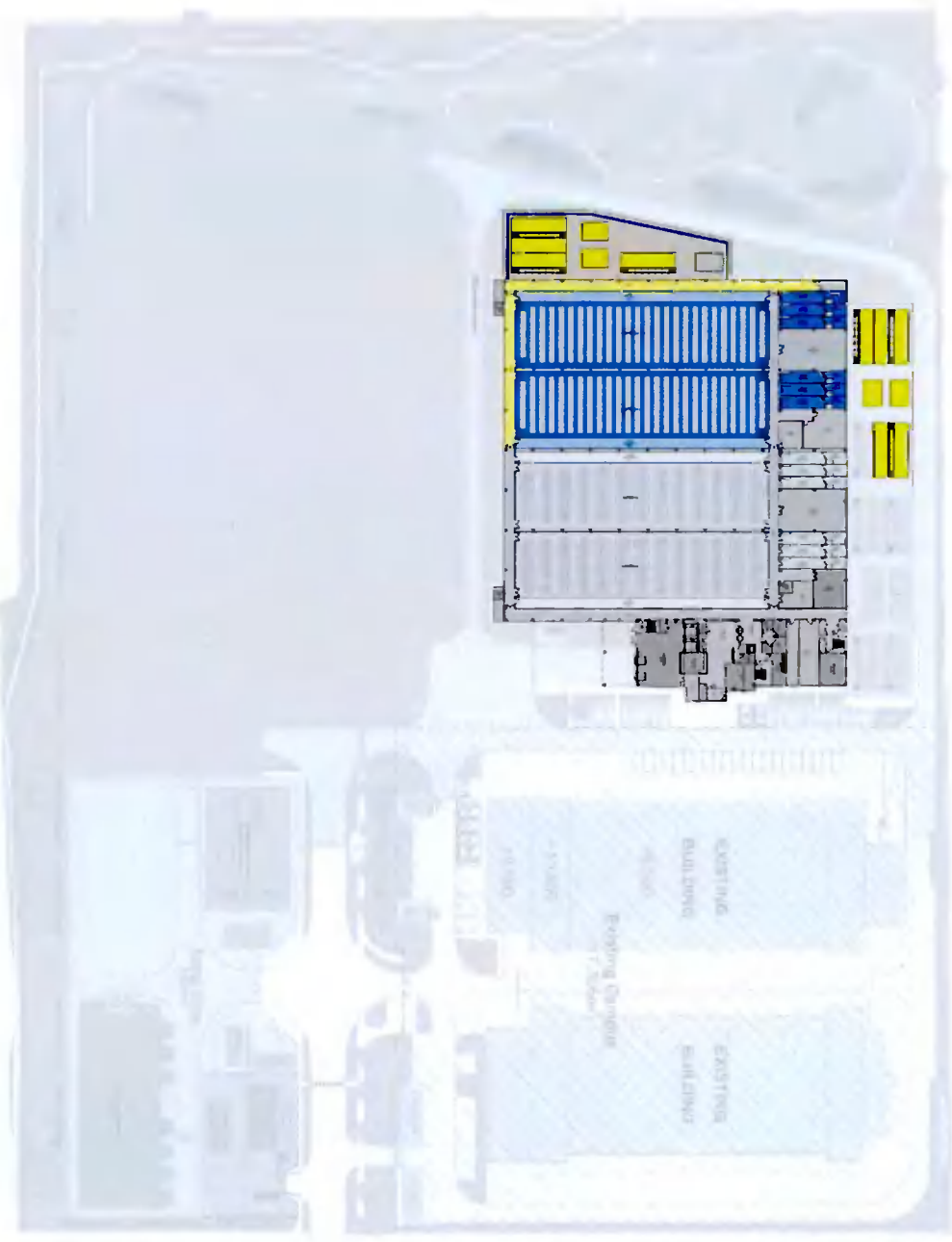
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Symbol	Description
	Water Treatment Plant
	Storage Tank/Tower
	Measuring Point
	Abstraction Point
	Telemetry Kiosk
	Reservoir
	Potable
	Raw Water
	Water Distribution Mains
	High Water
	Private
	Trunk Water Mains
	Irish Water
	Water Lateral Lines
	Irish Water
	Non IW
	Water Camps
	Water Abandoned Lines
	Boundary Meter
	Bulk/Check Meter
	Group Scheme
	Source Meter
	Waste Meter
	Unknown Meter
	Other Meter
	Non-Status
	PRV
	PSV
	Sluice Valve Open/Closed
	Sluice Boundary Valve Open/Closed
	Buttery Boundary Valve Open/Closed
	Sour Valve
	Single Air Control Valve
	Double Air Control Valve
	Water Stop Valve
	Water Services Connections
	Water Distribution Chambers
	Water Network Junctions
	Pressure Monitoring Point
	Fire Hydrant
	Water Fittings
	Cap
	Reducer
	Tap
	Other Fittings
	Sewer Foul Combined Networks
	Waste Water Treatment Plant
	Sewer Mains Irish Water
	Gravel - Combined
	Gravel - Foul
	Pumping - Combined
	Pumping - Foul
	Syphon - Combined
	Syphon - Foul
	Overflow
	Sewer Mains Private
	Gravel - Combined
	Gravel - Foul
	Private
	Pumping - Combined
	Pumping - Foul
	Syphon - Combined
	Syphon - Foul
	Overflow
	Sewer Lateral Lines
	Sewer Cleanouts
	Sewer Manholes
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	Backstop
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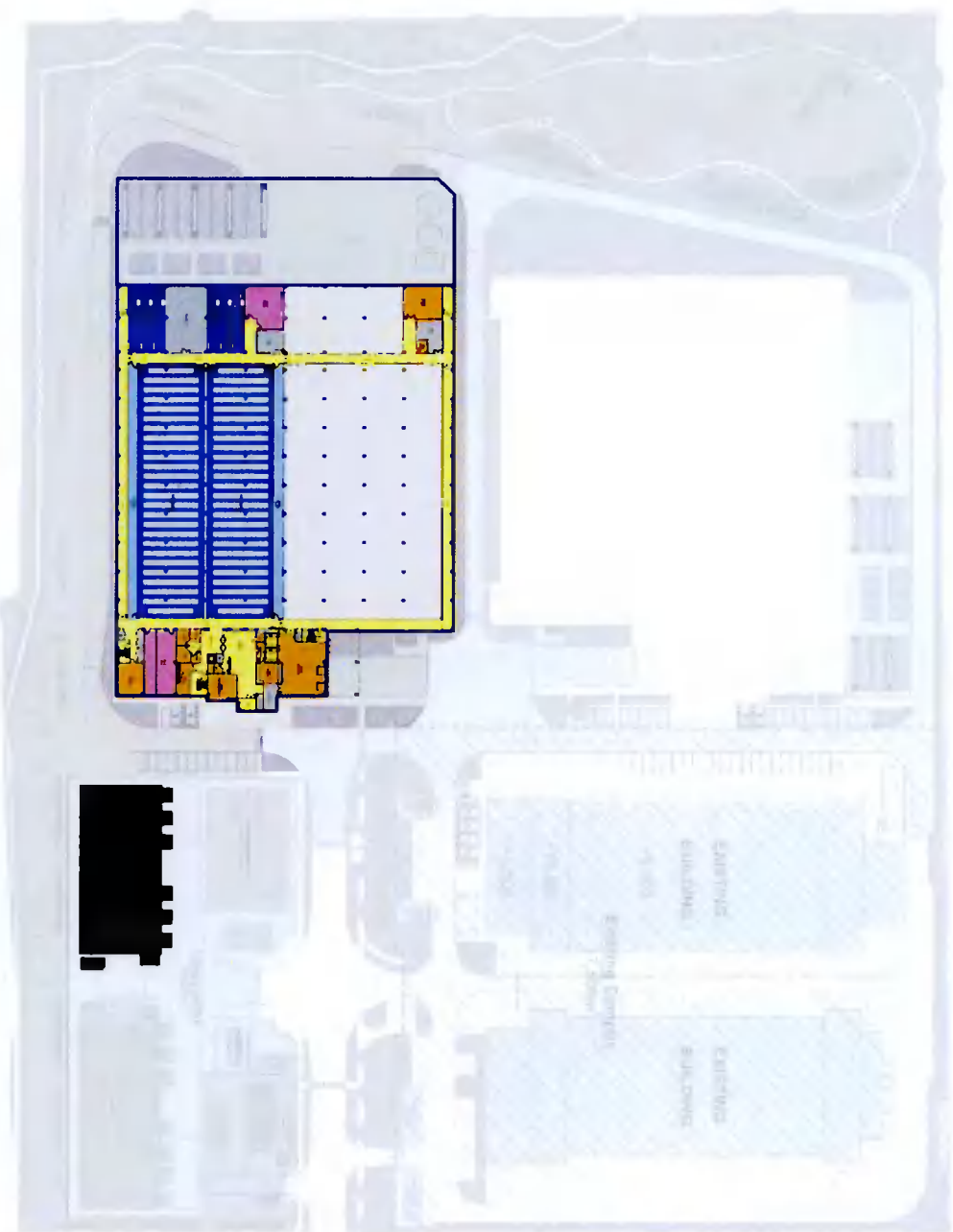
- Red Flags**
1. Confirmation of Watercourse re-routing the
 2. Confirmation of Landscaping the following planning submission conditions
 3. Confirmation of existing campus services to be diverted the
 4. Coordination of demarcation between live DUB14 and construction area to be reviewed to not interrupt operations.



- Phase 1a**
- All construction works serving the 20MW shell, substructure, superstructure and underground services for the DUB15 building.
 - Internal fitout of the first 10MW fundamental block & 5MW deployment. PBB and front of house areas. First Floor S210/S215
 - Power provision to campus tbc
- Phase 1b**
- Internal fitout of the second 5MW deployment. Ground Floor S110/S115
 - Power provision to campus tbc



- Phase 2a**
- Internal fitout of the second 10MW fundamental block & 5MW deployment. First Floor S220/S225
 - Power provision to campus tbc
- Phase 2b**
- Internal fitout of the second 5MW deployment. Ground floor S120/S125

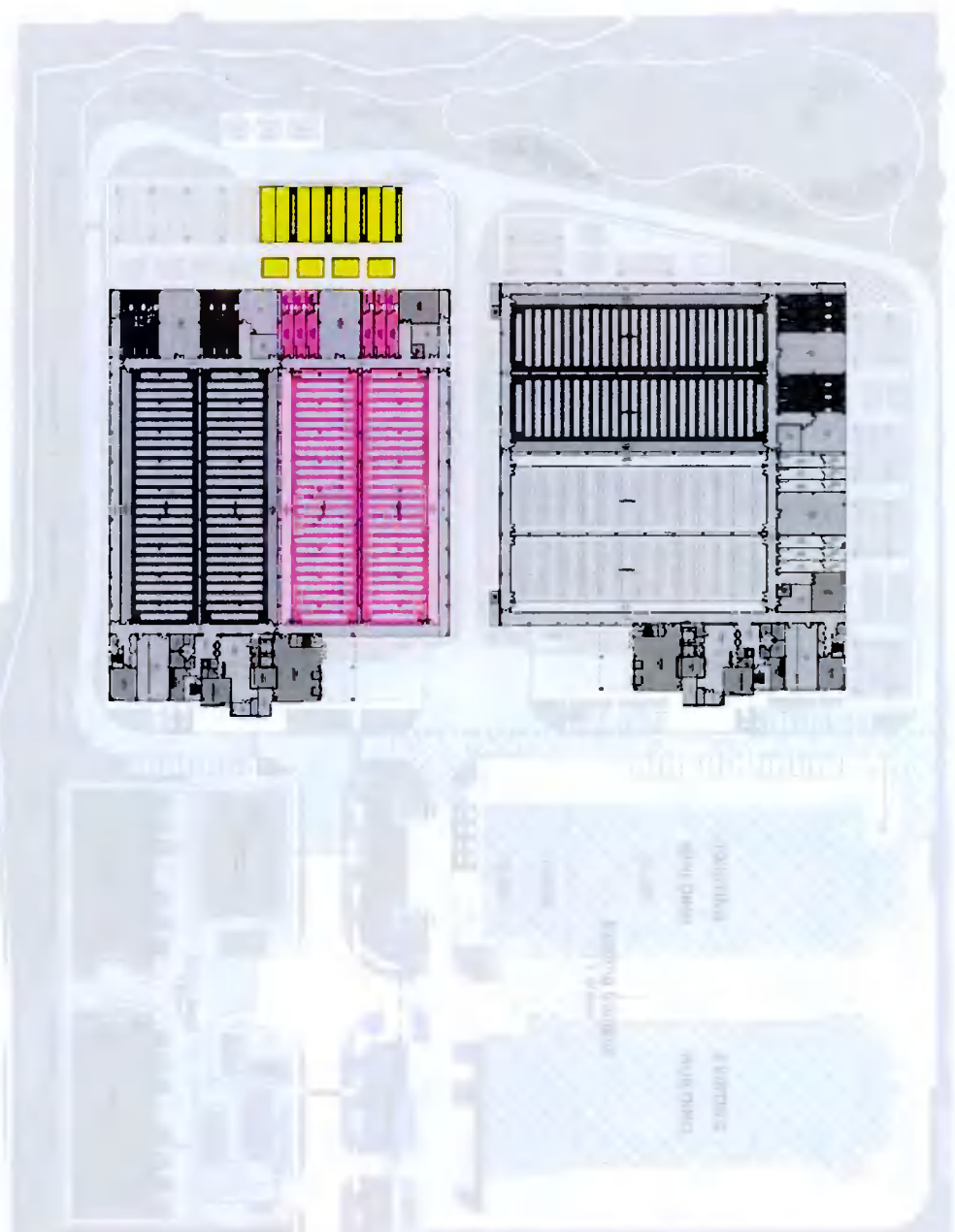


Phase 3a

- All construction works serving the 20MW shell, substructure, superstructure and underground services for the DUB16 building.
- Internal fitout of the first 10MW fundamental block & 5MW deployment, PBB and front of house areas. First Floor S210/S215.
- Power provision to campus tbc

Phase 3b

- Internal fitout of the second 5MW deployment. Ground Floor S110/S115.
- Power provision to campus tbc



Phase 4a

- Internal fitout of the second 10MW fundamental block & 5MW deployment. First Floor S220/S225
- Power provision to campus tbc

Phase 4b

- Internal fitout of the second 5MW deployment. Ground Floor S120/S125



E: 303941.2
N: 230229.5



PO1	29/06/21	CDS	CDS	JMAC
For Information				
Rev	Desc	By	Chkd	Appd

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Client
DLR Digital Realty Trust

Project Title
**DUB15-16 Profile Park Data Centre
 Expansion Site Development**

Drawing Title
Site Location

Scale at A1	1:1000
Rev	Civil
Quantity	For Information
Aug 2021 No	280503-00
Name	Site Location
Rev	PO1

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