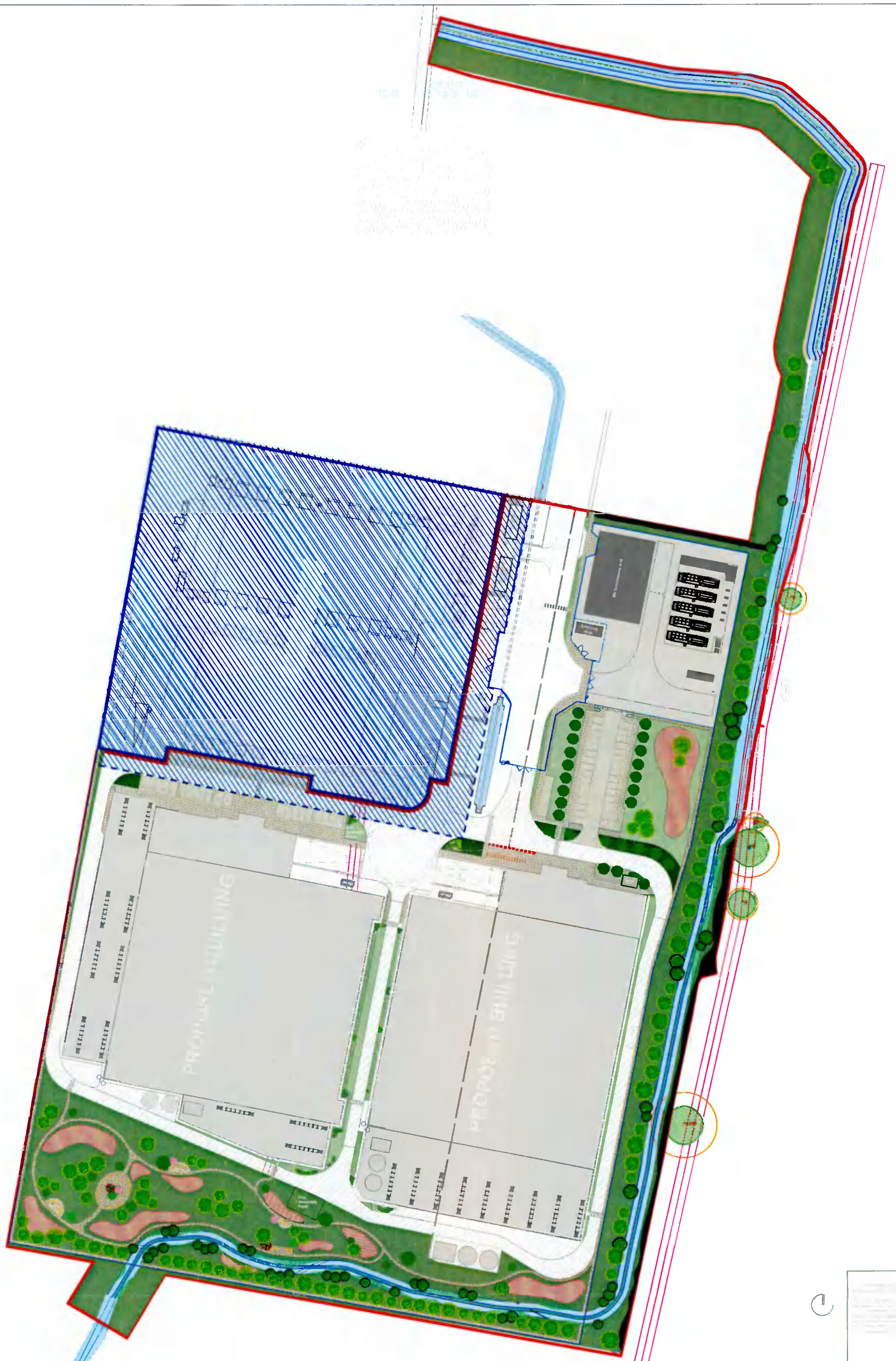
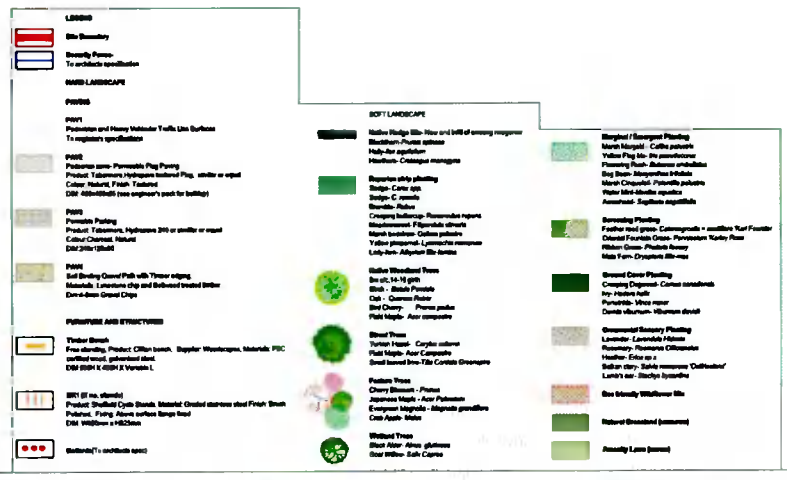




murray & associates
landscape architecture

0	27/07/21	Issue for Planning	HM JW

RKD Architects

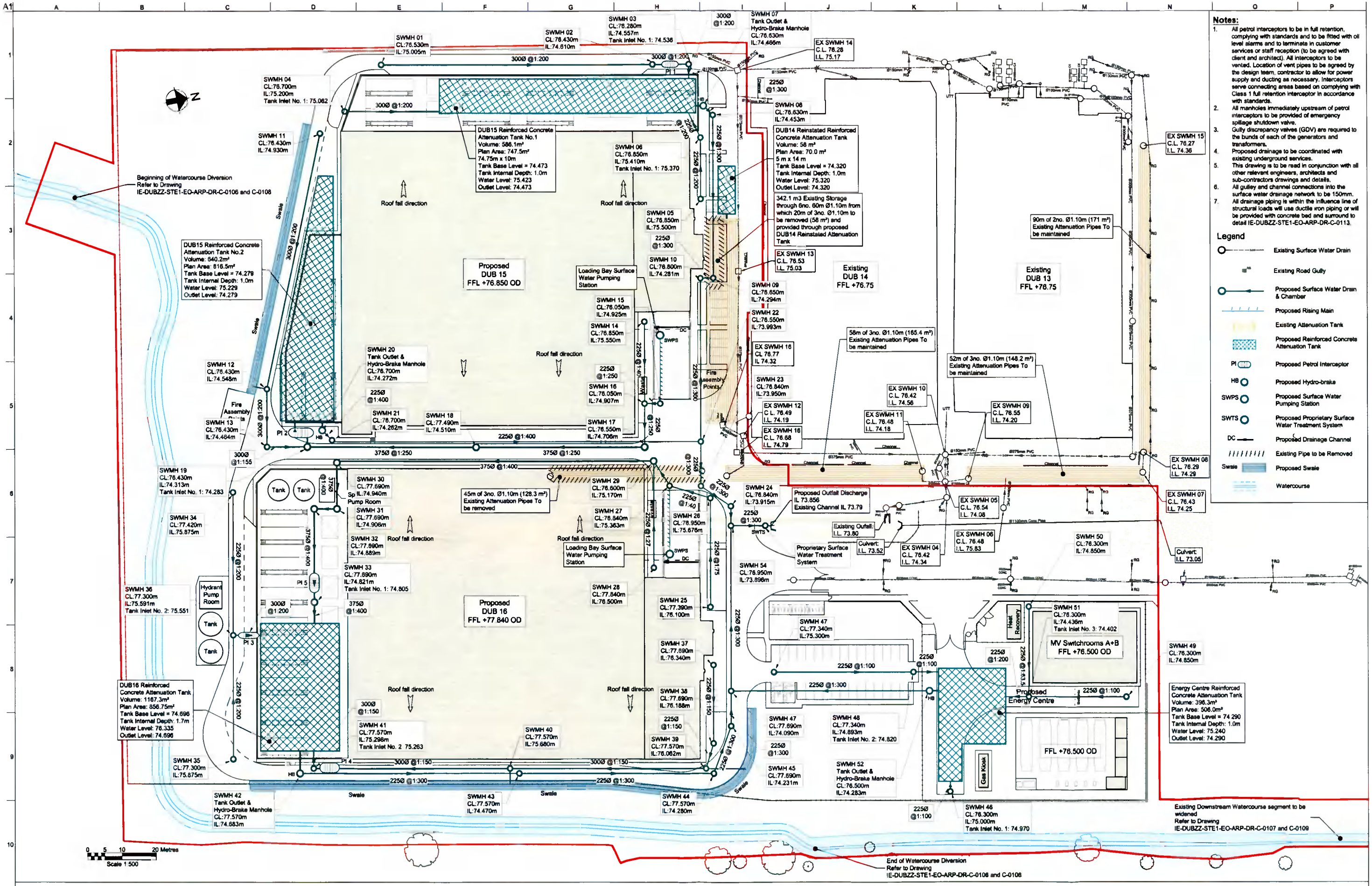
DUB 15-16 Data Centre Development

Landscape Masterplan

IEDUBZZ-STE1-E0-MAL-LA-L-91001 A1

1:750 0

IFP 27/07/21



Notes:

1. All petrol interceptors to be in full retention, complying with standards and to be fitted with oil level alarms and to terminate in customer services or staff reception (to be agreed with client and architect). All interceptors to be vented. Location of vent pipes to be agreed by the design team, contractor to allow for power supply and ducting as necessary. Interceptors serve connecting areas based on complying with Class 1 full retention interceptor in accordance with standards.
2. All manholes immediately upstream of petrol interceptors to be provided of emergency spillage shutdown valve.
3. Gully discrepancy valves (GDV) are required to the bunds of each of the generators and transformers.
4. Proposed drainage to be coordinated with existing underground services.
5. This drawing is to be read in conjunction with all other relevant engineers, architects and sub-contractors drawings and details.
6. All gulley and channel connections into the surface water drainage network to be 150mm.
7. All drainage piping is within the influence line of structural loads will use ductile iron piping or will be provided with concrete bed and surround to detail IE-DUBZZ-STE1-EO-ARP-DR-C-0113.

Legend

- Existing Surface Water Drain
- Existing Road Gully
- Proposed Surface Water Drain & Chamber
- Proposed Rising Main
- Existing Attenuation Tank
- Proposed Reinforced Concrete Attenuation Tank
- PI — Proposed Petrol Interceptor
- HB — Proposed Hydro-brake
- SWPS — Proposed Surface Water Pumping Station
- SWTS — Proposed Proprietary Surface Water Treatment System
- DC — Proposed Drainage Channel
- Existing Pipe to be Removed
- Swale — Proposed Swale
- Watercourse

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

ARUP

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Tel +353(0)1 233 4466 Fax +353(0)1 668 3188

Client: Digital Netherlands VIII B.V. (Netherlands)

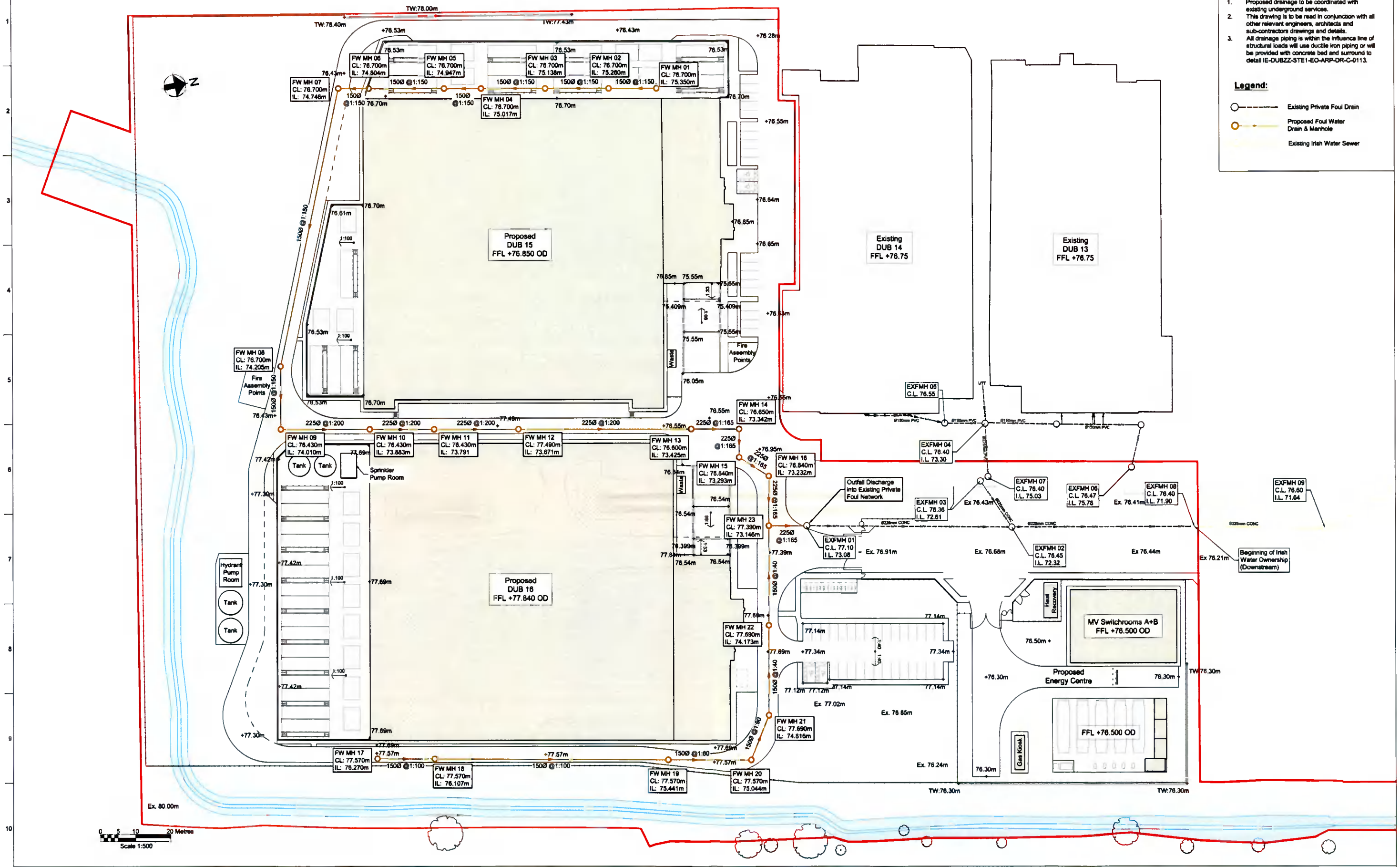
Project Title: INXN DUB15/16

Drawing Title: Proposed Surface Water Drainage Layout

Scale at A1: 1:500
Role: Civil
Suitability: Planning
Arup Job No: 280503-00
Rev: C01
Name: IE-DUBZZ-STE1-EO-ARP-DR-C-0104

Do not scale

© Arup



Notes:

1. Proposed drainage to be coordinated with existing underground services.
2. This drawing is to be read in conjunction with all other relevant engineers, architects and sub-contractors drawings and details.
3. All drainage piping is within the influence line of structural loads will use ductile iron piping or will be provided with concrete bed and surround to detail IE-DUBZZ-STE1-EO-ARP-DR-C-0113.

Legend:

- Existing Private Foul Drain
- Proposed Foul Water Drain & Manhole
- Existing Irish Water Sewer

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

ARUP

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Tel +353(0)1 233 4486 Fax +353(0)1 668 3169

Client: Digital Netherlands VIII B.V. (Netherlands)

Project Title: INXN DUB15/16

Drawing Title: Proposed Foul Water Layout

Scale at A1: 1:500
Role: Civil
Suitability: Planning
Arup Job No: 280503-00
Rev: C01
Name: IE-DUBZZ-STE1-EO-ARP-DR-C-0110

Do not scale

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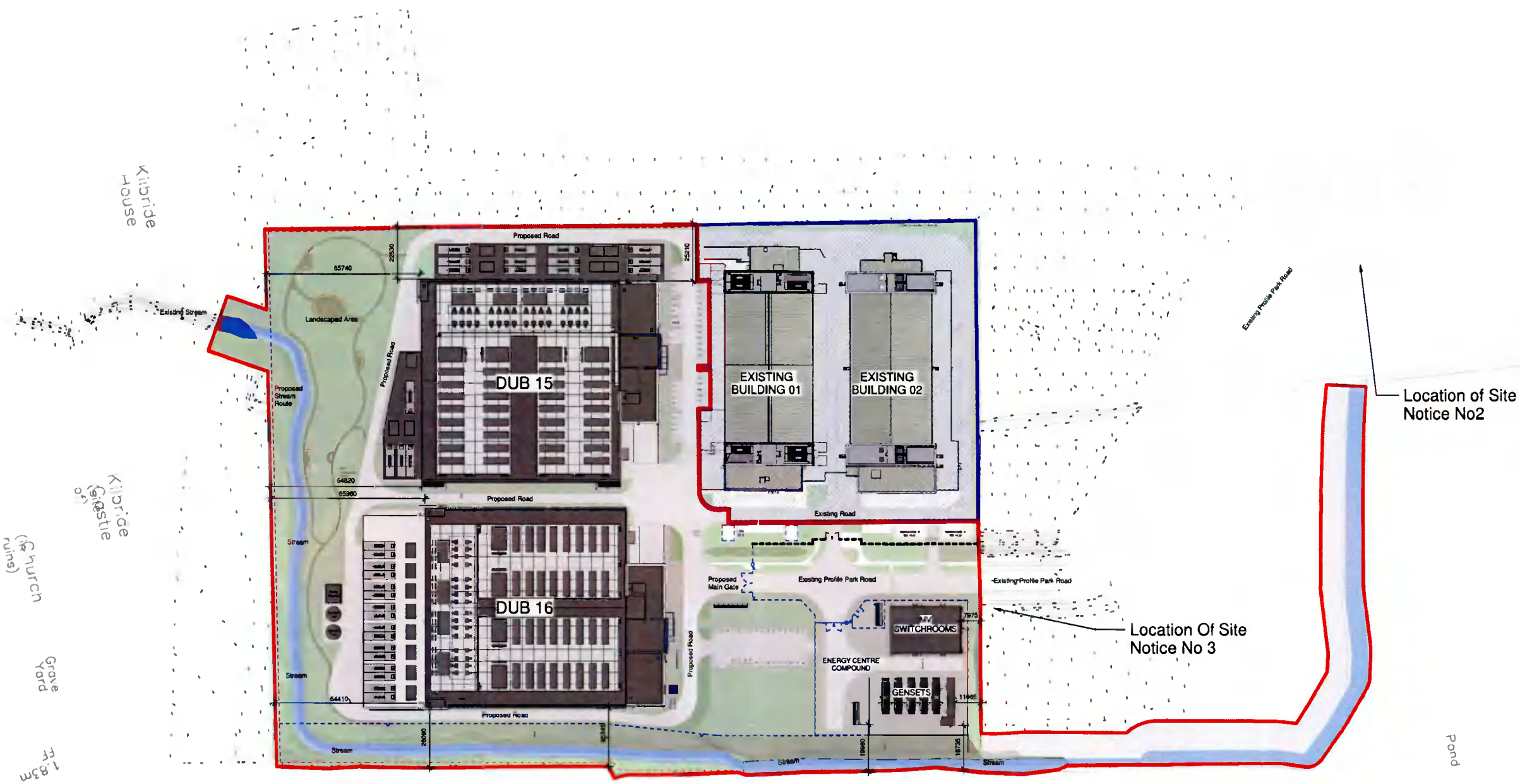

Grange Castle Golf Course

1 00010 00010 Site Plan Proposed - Overall
1 : 1000

All dimensions to be checked on site. Figured dimensions take preference over scaled dimensions. Any errors or discrepancies to be reported to the Architects. This drawing may not be edited or modified by the recipient.

A1

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RKD Architects Quality Management Systems are certified to ISO 9001:2015.

Notes:

N

- Proposed Application Boundary Site Boundary Site Area = 61,810 m²
- Legal Land Ownership of Applicant

LEGEND

- EXISTING CAMPUS
- EXISTING WATERCOURSE
- PROPOSED WATERCOURSE
- PARKING SPACE
- ELECTRIC PARKING SPACE
- EXISTING OVERFLOW PARKING SPACE

DATA CENTRE BUILDINGS GFA SCHEDULE

BUILDING	AREA
DUB15	16865 m²
DUB16	16712 m²
BUILDING TOTAL	33577 m²

SUPPORTING BUILDINGS GFA SCHEDULE

NAME	AREA
DISTRIBUTION GAS COMPOUND	27 m²
HEAT RECOVERY BUILDING	27 m²
HV CONTAINER	40 m²
LV & CONTROL CONTAINER	21 m²
MV SWITCHROOMS	644 m²
PUMP ROOM	52 m²
REFUSE	23 m²
TRANSFORMERS	19 m²
GRAND TOTAL	853 m²

SITE FENCING LEGEND

- EXISTING 3M HIGH SECURITY FENCE
- PROPOSED 3M HIGH SECURITY FENCE
- PROPOSED 1.2 HIGH SITE BOUNDARY FENCE

Rev.	Date	Description
A	2021/07/06	Planning Issue

STATUS: PLANNING
PROJECT: INXN DUB15 & DUB 16
PROJECT ADDRESS: Profile Park, Nangor Road, Clondalkin, Dublin 22
DWG TITLE: Site Plan - Proposed - Overall
DWG NO.: IE-DUBZZ-STE1-E0-RKD-LA-A-00010
REV: A | STATUS | PROJECT NO.: 20245
SCALE: As indicated
DATE: 28-06-2021 | DRN: RK | CHK: MK

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