

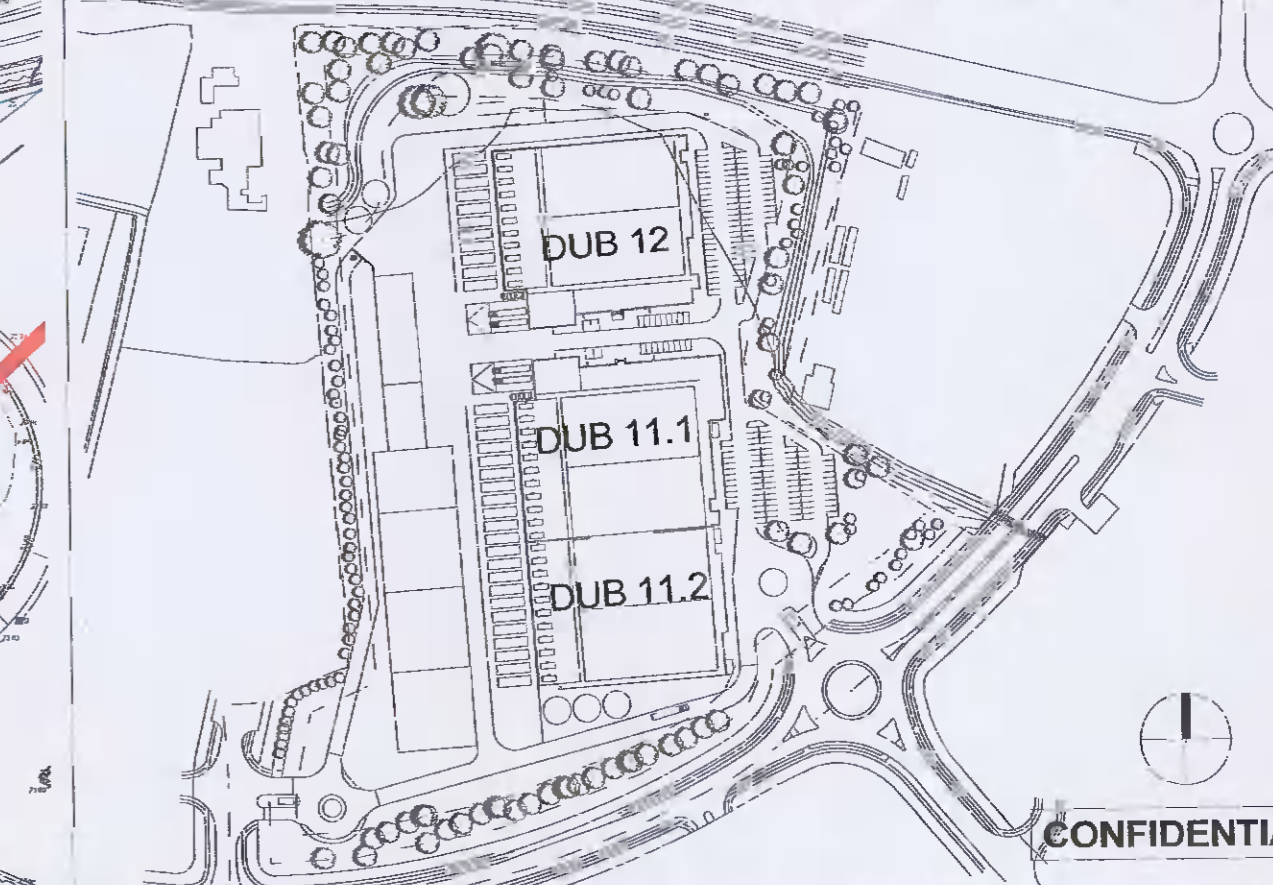
**PINNACLE**  
 CONSULTING ENGINEERS  
 ALCHEMY, BESSMER ROAD, WILLOW GARDEN CITY, AL7 1HE  
 TELEPHONE: 00 44 1767 527 630

**LEGEND**

	PROPOSED PRIVATE SURFACE WATER SEWER		SUMP UNIT WITH HOODABLE AIR TRAP
	PROPOSED PRIVATE FOUL SEWER		SOIL VENT PIPE
	EXISTING PRIVATE FOUL WATER SEWER		ST/B STACK
	EXISTING PRIVATE SURFACE WATER SEWER		AIR ADMITTANCE VALVE
	EXISTING PUBLIC FOUL SEWER		FOLL INTERCEPTOR TRAP
	EXISTING PUBLIC SURFACE WATER SEWER		RAN/WATER DOWNPIPE
	MANHOLE BACKFLOW		SPRINKLING RAN/WATER DOWNPIPE
	DRAINAGE CHANNEL	69.200	PROPOSED LEVEL
	DRAINAGE AREA TO BE ABANDONED	169.200	EXISTING TIE IN LEVEL
	INTERNAL FOLL GULLY PIPE	+ 67.72	EXISTING LEVEL
	ROAD GULLY		SITE BOUNDARY
	ROADWAY		
			ATTENUATION TANK

- DRAINAGE NOTES:**
- ALL FOUL SEWERS, MANHOLES AND CONNECTIONS TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE AND IRISH WATER WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
  - ALL FOUL SEWER HOUSE CONNECTIONS TO BE MIN 100mm UPVC TO IS EN 1401 2009/2012, STIFFNESS CLASS 8kN/m<sup>2</sup> IN ACCORDANCE WITH IRISH WATER SPECIFICATIONS.
  - ALL PUBLIC FOUL SEWERS TO BE MINIMUM 225mm DIAMETER THERMOPLASTIC STRUCTURED WALL PIPES TO IS EN 13746 (2007/2009), TYPE SN8 AND WIS 4-35-01 (2008) AND COMPLY WITH THE REQUIREMENTS OF THE IRISH WATER CODE OF PRACTICE.
  - ALL PUBLIC SURFACE WATER SEWERS TO BE MINIMUM 225 DIA. CLASS H CONCRETE TO EN 1916 & IS 6 2004 IN ACCORDANCE WITH THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.
  - ALL SURFACE WATER CONNECTIONS TO BE MINIMUM 150mm UPVC TO IS EN 1401 2009/2012 IN ACCORDANCE WITH THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.
  - LOCATION AND INVERT LEVELS OF EXISTING MANHOLES OR OUTFALL POINTS, WHERE APPLICABLE TO BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF DRAINAGE WORKS.
  - ALL FOUL CONNECTIONS TO COMPLY WITH THE REQUIREMENTS OF THE IRISH WATER SPECIFICATIONS.
  - ALL FOUL SEWERS TO BE AIR TESTED IN ACCORDANCE WITH IRISH WATER SPECIFICATIONS.
  - ALL COVER LEVELS TO MATCH FINISHED ROAD/VERGE/FOOTPATH/CYCLETRACK LEVELS UNLESS OTHERWISE STATED.
  - CONTRACTOR TO INCLUDE FOR CCTV SURVEY OF ALL SEWERS UPON COMPLETION OF SAME.

Rev	Description	Date	Drawn By	Checked By	Scale
V1	Issue 1				



Client: **VANTAGE DATA CENTERS**  
 Structural engineer company:  
 Engineer's Name:  
 Signature:  
 Date:

Planning Application Checker Name:  
 Signature:  
 Date:

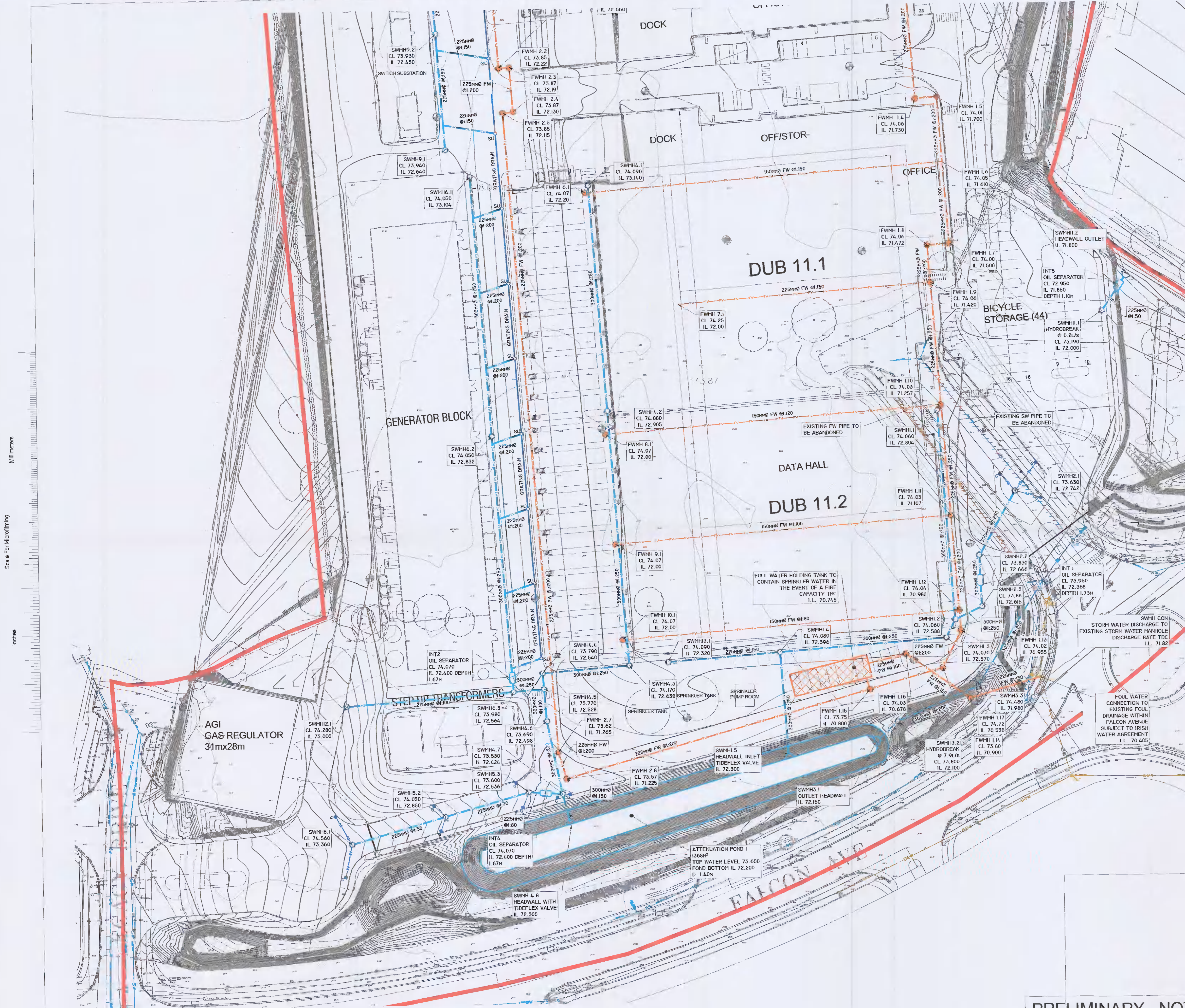
Signature Architect Company:  
**Hyphen**  
 Signature Architect Name:  
 Signature:  
 Date:

BIM coordinator:  
 Approved by: JM  
 Checked by: SOR  
 Drawn by: FJR

Project address:  
**DUBLIN IRELAND**  
 53° 19' 1.40"N 6° 26' 40.80"W  
 Drawing title:  
**PROPOSED DRAINAGE LAYOUT**  
 SHEET 2 OF 2

Format / Size	Scale	Status	Date	Sheet number:	Rev
A1 564x411	1:500		23/07/21	DUB11.1-DR-UG-C128-V1-WS3-PIN	V1

**PRELIMINARY - NOT FOR CONSTRUCTION**



Millimeters  
 Scale For Microfilming  
 Inches

**CONFIDENTIAL**