

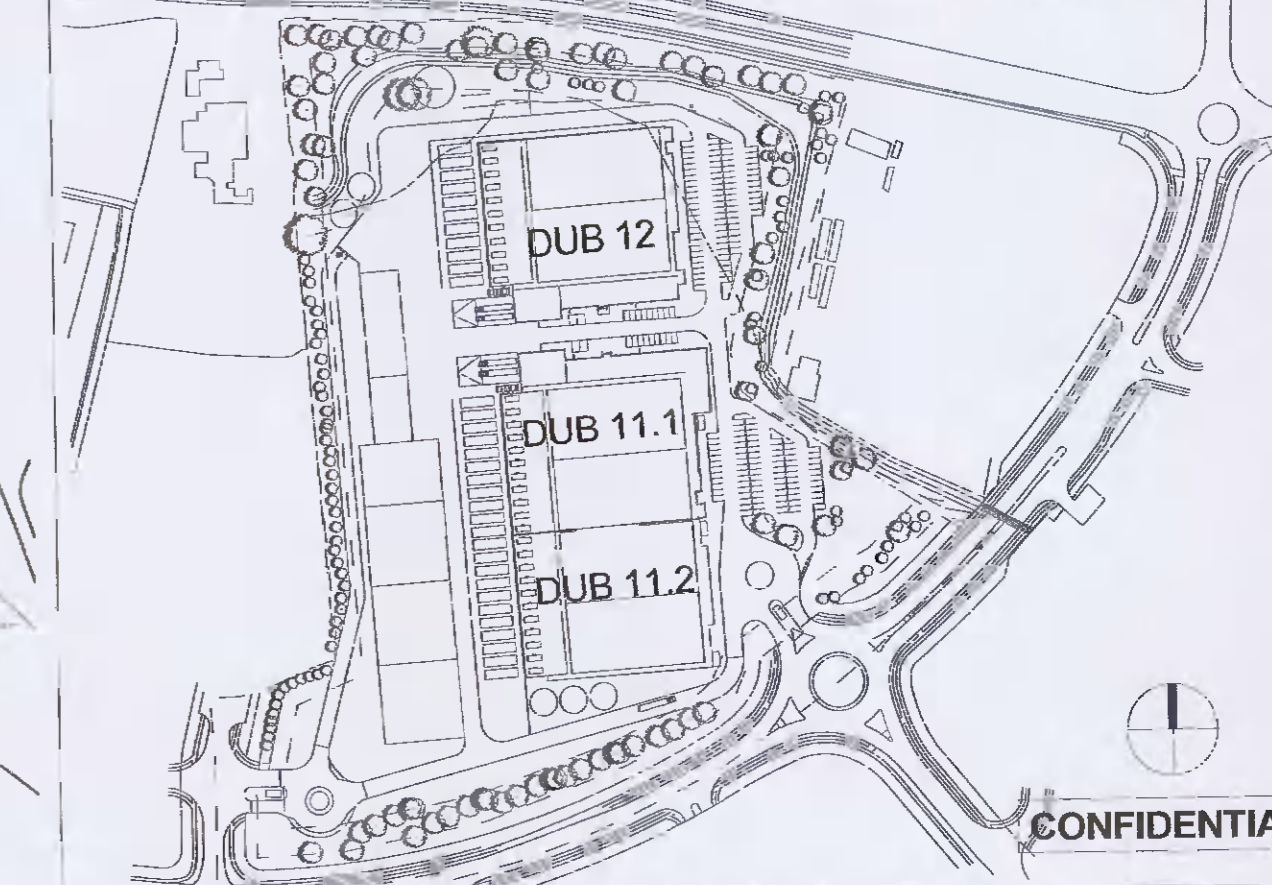
**PINNACLE CONSULTING ENGINEERS**  
 ALCHEMY, BESSERER ROAD, WELWYN GARDEN CITY, AL7 1HE  
 TELEPHONE: 00 44 1707 527 630

**LEGEND**

	PROPOSED PRIVATE SURFACE WATER SEWER	SU	SUMP UNIT WITH FLOODABLE AIR TRAP
	PROPOSED PRIVATE FOUL SEWER	SVP	SOIL VENT PIPE
	EXISTING PRIVATE FOUL WATER SEWER	SS	STUB STACK
	EXISTING PRIVATE SURFACE WATER SEWER	AAV	AIR ADMITTANCE VALVE
	EXISTING PUBLIC FOUL SEWER	FTT	FULL INTERCEPTOR TRAP
	EXISTING PUBLIC SURFACE WATER SEWER	FWP	RAINWATER DOWNPIPE
	MANHOLE BACKSTOP	SRWP	SYPHONIC RAINWATER DOWNPIPE
	DRAINAGE CHANNEL	69.200	PROPOSED LEVEL
	DRAINAGE TO BE ABANDONED	69.200	EXISTING TIE IN LEVEL
	INTERNAL FOUL GULLY PIPE	+ 67.72	EXISTING LEVEL
	ROAD GULLY		SITE BOUNDARY
	ROOFING EYE		
	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 EN1916 & 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.

V1	23/07/21	ESR	JM	Site layout updated
NO	23/07/21	AMB	JR	Work Stage Rev 3 V0
Rev	Rev Data	Drawn By	Checked By	Description



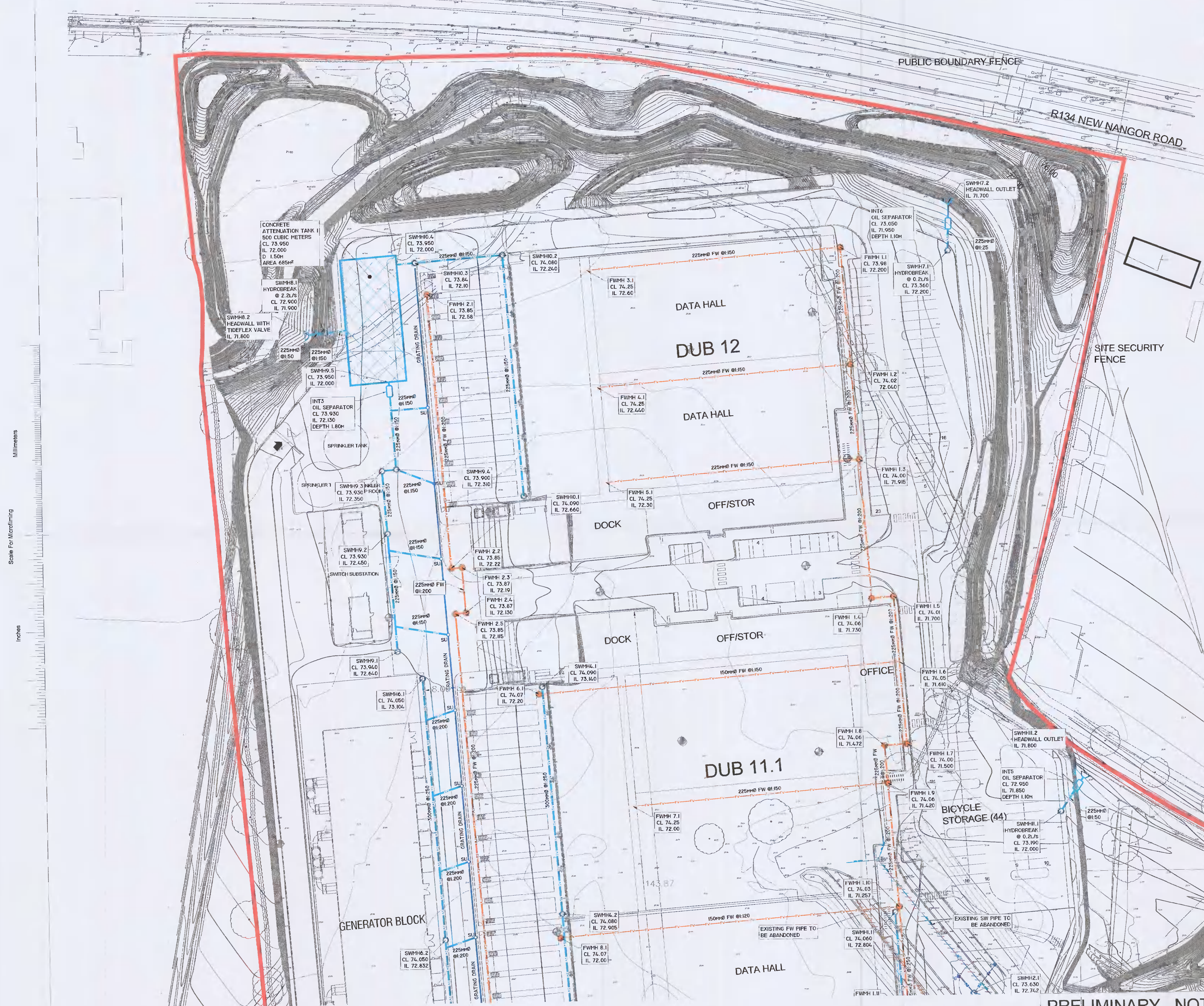
Client: **VANTAGE DATA CENTERS**  
 Structural engineer company:  
 Engineer's Name:  
 Signature:  
 Date:

Planning Application Checker Name:  
 Signature:  
 Date:

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

BM coordinator: Approved by: **JM** Checked by: **SO'R** Drawn by: **FJR**

Project address:  
**DUBLIN IRELAND**  
 53° 19' 1.80" N 6° 26' 40.80" W  
 Drawing title:  
**STANDARD WATER INFRASTRUCTURE DETAILS**  
 SHEET 2 OF 2



**PRELIMINARY - NOT FOR CONSTRUCTION**

Scale For Micromining: Millimeters, Inches