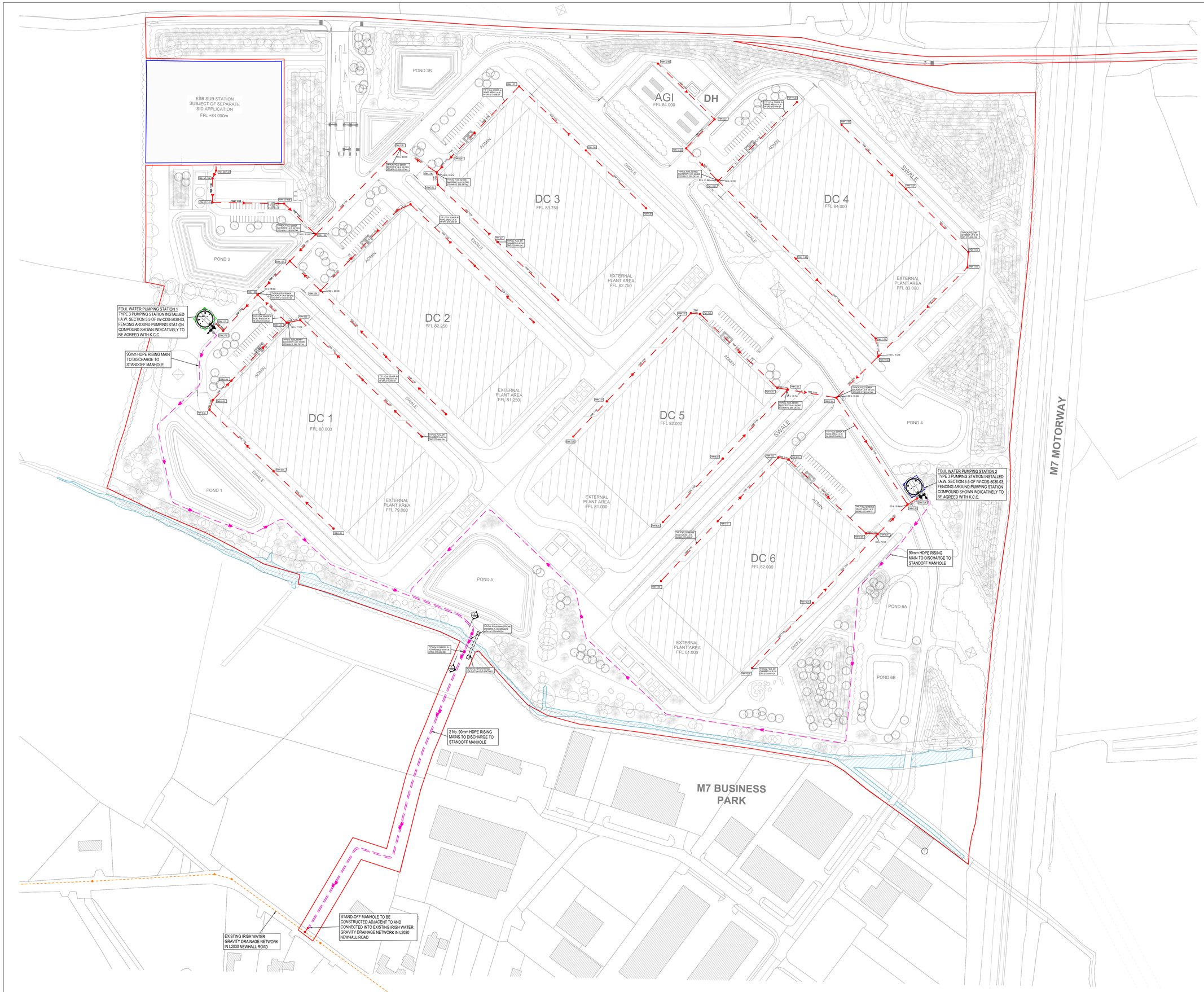

N

0 10 20 30 40 50 m

SCALE 1:1000 @ A0

FOUL WATER LEGEND:

- EXISTING FOUL SEWER
- PR. FOUL DRAINAGE
- PR. PUMPED FOUL RISING MAIN
- FMH — PROPOSED FOUL WATER MH
- FAJ / FIC — PROPOSED FOUL WATER AJ / IC
- PROPOSED BACKDROP IN MH
- EXISTING WATERCOURSE

NOTE 1: MANHOLE COVER LEVELS ARE APPROXIMATE. ACTUAL COVER LEVELS SHOULD MATCH SURROUNDING FINISHED GROUND LEVELS U.N.O.

NOTE 2: PIPES WITH LESS COVER THAN
- 600mm FOR GRASSED AREAS
- 900mm FOR FOOTPATHS
- 1200mm FOR ROADS

TO BE SURROUNDED IN 150mm CONCRETE PROTECTION IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-WW-07

NOTE 3: ALL MANHOLE COVERS LOCATED IN GRASS AREAS TO BE SURROUNDED (Min. 200mm SURROUND) IN 100mm THK C20/25 CONCRETE APRON

FOUL PIPE MATERIAL TO BE IN ACCORDANCE WITH IW-CDS-5030-03 SECTION 3.13.2

3.13.2 THERMOPLASTIC STRUCTURAL WALL PIPES; THERMOPLASTIC STRUCTURED WALL PIPES SHALL COMPLY WITH THE PROVISIONS OF IS EN 13476 (2007/2009). PIPES TO BE OF STIFFNESS CLASS SN/m^2 & TO BE CAPABLE OF DEMONSTRATING A JETTING RESISTANCE OF 2,600 PSI (180 BAR) WITHOUT DAMAGE WHEN TESTED IN ACCORDANCE WITH SECTION 3.3 OF WIS 4-35-01 (2008). (SEWER DIAMETERS 150mm UP TO 450mm, SERVICE CONNECTIONS OF 100mm DIAMETER).

FOUL WATER DRAINAGE MANHOLE SCHEDULE (LINE 1)

REF:	CL:	IL:	NOTES
FMH 1.00	83.300	82.500	DISCHARGE TO FMH 3.05
FMH 1.01	83.550	81.995	BD IL: 80.039
FMH 1.02	83.550	81.491	
FMH 1.03	83.550	80.978	
FMH 1.04	83.550	80.842	BD FROM FMH 2.02 @ IL 81.474
FMH 1.05	83.272	80.009	BD FROM FMH 1.04 @ IL 80.600
FMH 1.06	82.939	79.356	BD FROM FMH SID 1.06 @ IL 81.000
FMH 1.07	81.924	79.153	
FMH 1.08	81.127	76.952	BD FROM FMH 1.07 @ IL 78.900
FMH 1.09	80.645	76.681	
FMH 1.10	81.000	76.626	TYPE 3 PUMPING STATION
FMH 2.00	83.300	82.500	
FMH 2.01	83.550	81.993	
FMH 2.02	83.550	81.542	BD TO FMH 1.04 @ IL: 81.474
FMH 3.00	81.800	81.000	
FMH 3.01	82.000	80.554	
FMH 3.02	82.000	80.069	
FMH 3.03	82.000	79.990	
FMH 3.04	82.000	79.626	
FMH 3.05	82.000	79.385	BD FROM FMH 4.01 @ IL: 80.039
			DISCHARGE TO FMH 1.07
FMH 4.00	81.800	81.000	
FMH 4.01	82.000	80.548	DISCHARGE TO FMH 3.05
			BD IL: 80.039
FMH 5.00	79.550	78.750	
FMH 5.01	79.750	78.304	
FMH 5.02	79.750	77.833	DISCHARGE TO FMH 5.03
			BD IL: 77.758
FMH 5.03	79.800	77.174	DISCHARGE TO FMH 1.08
FMH 6.00	79.550	78.750	
FMH 6.01	79.650	78.298	
FMH 6.02	79.800	77.813	
FMH 6.03	79.800	77.757	
FMH 6.04	79.800	77.611	DISCHARGE TO FMH 5.03
FMH SID 1.03	83.720	81.810	
FMH SID 1.04	83.700	81.763	
FMH SID 1.05	83.650	81.631	
FMH SID 1.06	83.650	81.242	DISCHARGE TO FMH 1.06
			BD IL: 81.000

FOUL WATER DRAINAGE MANHOLE SCHEDULE (LINE 2)

REF:	CL:	IL:	NOTES
FMH 7.00	81.500	80.750	
FMH 7.01	81.650	80.484	
FMH 7.02	81.800	79.820	
FMH 7.03	81.800	79.770	
FMH 7.04	81.800	79.188	
FMH 7.05	81.800	79.126	BD FROM FMH 8.01 @ IL: 79.754
FMH 7.06	81.694	78.860	BD FROM FMH 11.04 @ IL: 79.895
FMH 7.07	81.468	78.161	BD FROM FMH 9.05 @ IL: 78.886
FMH 7.08	81.800	78.086	TYPE 3 PUMPING STATION
FMH 8.00	81.500	80.750	
FMH 8.01	81.650	80.274	DISCHARGE TO FMH 7.05
			BD IL: 79.754
FMH 9.00	81.500	80.750	
FMH 9.01	81.650	80.299	
FMH 9.02	81.800	79.821	
FMH 9.03	81.800	79.762	
FMH 9.04	81.800	79.179	
FMH 9.05	81.200	79.116	BD FROM FMH 10.01 @ IL 79.748
			DISCHARGE TO FMH 7.07
			BD IL: 78.886
FMH 10.00	81.500	80.750	
FMH 10.01	81.650	80.264	DISCHARGE TO FMH 9.05
			BD IL: 79.748
FMH 11.00	83.800	83.000	
FMH 11.01	83.800	81.529	BD FROM FMH 11.00 @ IL 82.392
			BD FROM FMH 12.02 @ IL 81.896
FMH 11.02	83.600	80.929	
FMH 11.03	82.800	80.315	
FMH 11.04	83.000	80.215	BD FROM FMH 13.03 @ IL 81.200
			DISCHARGE TO FMH 7.06
			BD IL: 79.895
FMH 12.00	83.800	82.800	
FMH 12.01	83.800	82.367	
FMH 12.02	83.800	82.145	DISCHARGE TO FMH 11.01
			BD IL 81.896
FMH 13.00	83.750	82.950	
FMH 13.01	83.500	82.454	
FMH 13.02	82.950	81.969	
FMH 13.03	82.950	81.887	DISCHARGE TO FMH 11.04
			BD IL: 81.200

A0

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

HERBATA GREEN ENERGY DATA

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Notes:

1. DO NOT SCALE OFF THIS DRAWING. ALWAYS WORK TO NOTED DIMENSIONS.
2. ALL DIMENSIONS MUST BE VERIFIED ON SITE BEFORE COMPLETING SHOP DRAWINGS OR SETTING OUT THE WORKS.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DISCIPLINE'S DRAWINGS, REPORTS AND SPECIFICATIONS
4. REFER TO ARCHITECTS DRAWINGS FOR ALL SITE & APPLICATION BOUNDARIES
5. REFER TO SURVEY DRAWINGS FOR EXISTING SERVICES LAYOUTS AND MANHOLE INFORMATION
6. ALL EXISTING SURFACES TO BE REINSTATED FOLLOWING DIVERSION OF SERVICES /CONSTRUCTION OF NEW SERVICES
7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER & ARCHITECT FOR RESOLUTION
8. CONTRACTOR TO ENSURE ALL WATER & WASTEWATER RELATED WORKS ARE IN ACCORDANCE WITH THE IRISH WATER WATER CODE OF PRACTICE & WASTEWATER INFRASTRUCTURE CODE OF PRACTICE & STANDARD DETAILS DOCUMENTS
9. TESTING OF ALL GRAVITY SEWERS AND MANHOLES TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE SECTION 4.10 TESTING OF GRAVITY SEWERS & MANHOLES

KEY PLAN

TRUE NORTH

Rev.	Date	Description
P11	26/04/2024	ISSUED FOR PLANNING
P10	03/11/2023	ISSUED FOR PLANNING
P09	07/09/2023	ISSUED FOR PLANNING
P08	08/08/2023	ISSUED FOR PLANNING
P07	20/07/2023	ISSUED FOR INFORMATION
P06	10/07/2023	PROGRESS ISSUE
P05	30/06/2023	PROGRESS ISSUE
P04	06/06/2023	SITEPLAN UPDATED
P03	29/05/2023	MH TAGS & PPE INFO ADDED
P02	25/05/2023	PROGRESS ISSUE
P01	26/04/2023	STAGE 2 ISSUE

STATUS: PLANNING

PROJECT: HERBATA DATA CENTRE CAMPUS

PROJECT ADDRESS: NAAS, CO. KILDARE

DWG TITLE: PROPOSED FOUL WATER DRAINAGE - OVERALL

DWG NO.: 2232-DOB-ZZ-ZZ-DR-C-0300

REV:	SUITABILITY	PROJECT NO:	DOBA2232
P11	S3	SCALE:	1:1000 @ A0

DATE	28/04/2023	DRN.	MF	CHK	RK

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