

**DESIGN ISSUE**  
 THE DESIGN IS SUBJECT TO PLANNING APPROVAL AND DETAILED DESIGN.

Client: **EQUINIX**

**HAZARD IDENTIFICATION LEGEND:**

HAZARD IDENTIFICATION (if none state 'none relevant')	CONTROL AND MITIGATION MEASURES

**NOTE:**  
 Hazards listed above are only those considered significant risks and:  
 a) not likely to be obvious to a competent contractor or other designers;  
 b) unusual or  
 c) likely to be difficult to manage effectively

**LEGEND**

- PROPOSED PRIVATE SURFACE WATER SEWER
- PROPOSED PRIVATE FOUL SEWER
- EXISTING PRIVATE FOUL WATER SEWER
- EXISTING PRIVATE SURFACE WATER SEWER
- EXISTING PUBLIC FOUL SEWER
- EXISTING PUBLIC SURFACE WATER SEWER
- MANHOLE BACKDROP
- DRAINAGE CHANNEL
- DRAINAGE RAN TO BE ABANDONED
- INTERNAL FOUL GULLY PIPE
- ROAD GULLY
- FLOODING EYE
- SUMP UNIT WITH FLOODABLE AIR TRAP
- SOIL VENT PIPE
- SUBSTACK
- AIR ADMITTANCE VALVE
- FOLL INTERCEPTOR TRAP
- RAINWATER DOWNPIPE
- SPHONIC RAINWATER DOWNPIPE
- PROPOSED LEVEL
- EXISTING TIE IN LEVEL
- EXISTING LEVEL
- SITE BOUNDARY

- CONCRETE ATTENUATION TANK
- STORMTECH ATTENUATION TANK

REV	DATE	DESCRIPTION	DWN	CHK	APP
P02	17.08.21	ISSUED FOR TENDER	FV/RJM		
P01	20.08.21	ISSUED FOR FORMAL REVIEW	FV/RJM		

Key:

Project: EQUINIX DB081

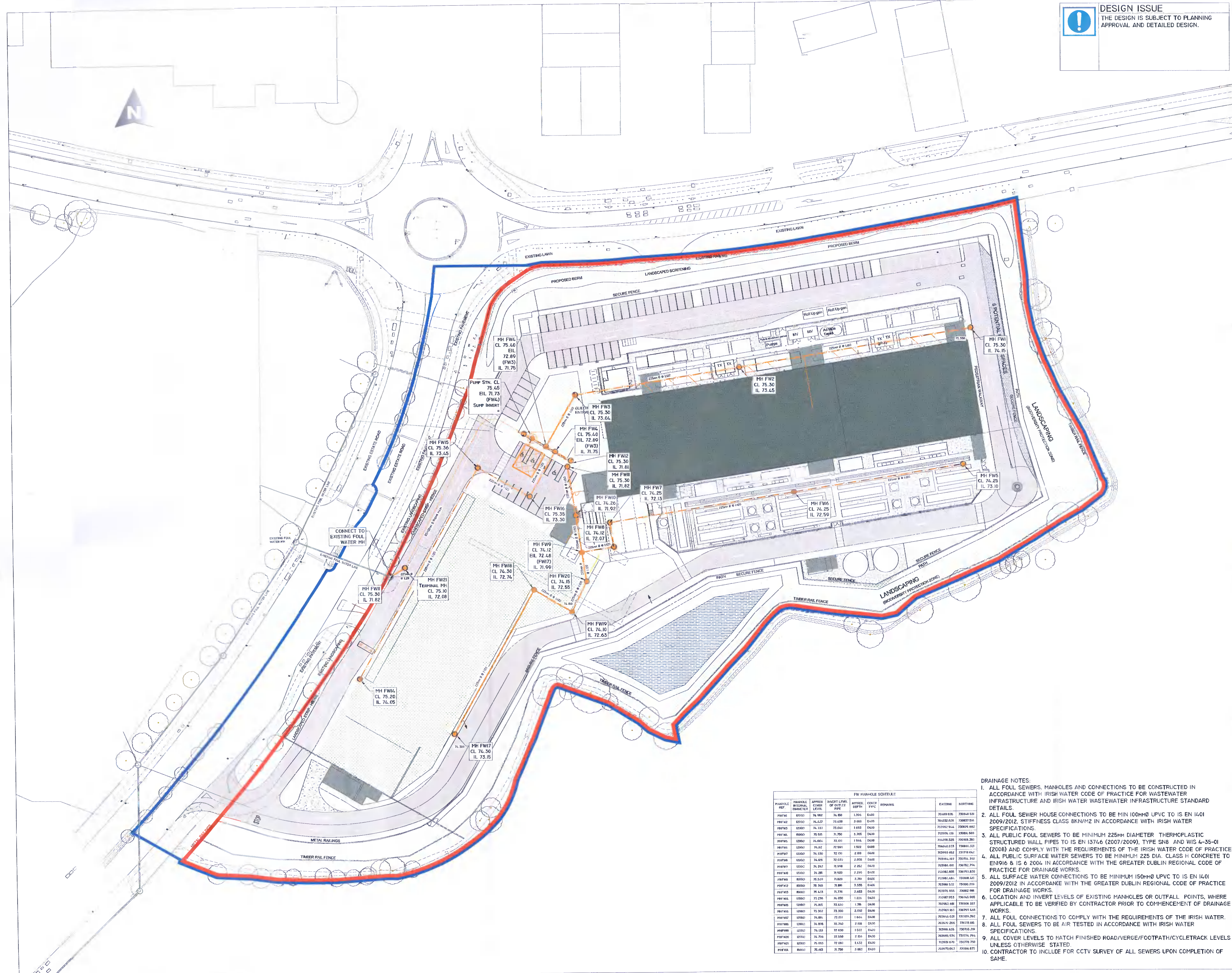
Drawing Title: FOUL WATER SITE DRAINAGE

Drawing Number: DB080-PIN-00-ZZ-DR-C-PLAN-1206

Scale: 1:500 Paper Size: A1 Purpose: D2 Revision: P02

**PINNACLE CONSULTING ENGINEERS**

SIXTH FLOOR PROSPECT HOUSE 100 NEW OXFORD STREET LONDON WC1A 1HB Tel: 0207 0433410



**FW MANHOLE SCHEDULE**

MANHOLE REF	MANHOLE INTERNAL DIAMETER	APPROX COVER LEVEL	INVERT LEVEL	APPROX DEPTH	COVER TYPE	REMARKS	EASTING	NORTHING
MFHW1	1000	74.98	74.88	1.35	E100		70400.036	730048.533
MFHW2	1000	74.62	73.60	3.00	E100		70402.028	730037.516
MFHW3	1000	74.33	73.66	1.69	E100		70394.764	730036.462
MFHW4	1000	74.58	73.90	2.68	E100		70397.130	730036.501
MFHW5	1000	74.66	73.01	1.65	E100		70408.528	730038.360
MFHW6	1000	74.82	72.99	1.82	E100		70408.633	730040.323
MFHW7	1000	74.130	72.100	2.80	E100		70393.482	730374.642
MFHW8	1000	74.93	72.03	2.90	E100		70394.497	730374.312
MFHW9	1000	74.94	71.98	2.96	E100		70394.498	730374.294
MFHW10	1000	74.28	71.60	2.68	E100		70382.806	730373.820
MFHW11	1000	75.53	71.82	3.70	E100		70390.141	730388.100
MFHW12	1000	75.54	71.88	3.55	E100		70391.512	730389.319
MFHW13	1000	75.413	71.70	3.68	E100		70393.855	730382.988
MFHW14	1000	75.276	71.60	3.68	E100		70397.953	730384.065
MFHW15	1000	75.365	71.60	3.76	E100		70392.488	730384.327
MFHW16	1000	75.362	71.50	3.86	E100		70396.643	730393.448
MFHW17	1000	74.86	71.03	3.83	E100		70366.628	730379.292
MFHW18	1000	74.896	72.36	2.53	E100		70371.266	730378.685
MFHW19	1000	74.133	72.63	1.50	E100		70368.455	730376.299
MFHW20	1000	74.706	72.58	2.12	E100		70369.976	730374.794
MFHW21	1000	75.653	72.08	3.57	E100		70388.436	730374.710
MFHW22	1000	75.40	71.75	3.65	E100		70399.643	730380.871

**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 Ø UPVC TO IS EN 1401 2009/2012, STIFFNESS CLASS 8KN/M2 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 SNB AND WIS 4-35-01 (2008) AND COMPLY WITH THE REQUIREMENTS OF THE IRISH WATER CODE OF PRACTICE 4.
- ALL PUBLIC SURFACE WATER SEWERS TO BE MINIMUM 225 DIA. CLASS H CONCRETE TO EN 916 & IS 6 2004 IN ACCORDANCE WITH THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.
- ALL SURFACE WATER CONNECTIONS TO BE MINIMUM 150MM Ø 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.
- 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.