



**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 SURFACE WATER SEWER
	EXISTING PRIVATE FOUL SEWER
	EXISTING PUBLIC FOUL SEWER
	EXISTING PUBLIC SURFACE WATER SEWER
	MANHOLE BACKDROP
	DRAINAGE CHANNEL
	FIN DRAIN
	INTERNAL FOUL GULLY PIPE
	ROAD GULLY
	ROOFING EYE
	SUMP UNIT WITH RODDABLE AIR TRAP
	SOIL VENT PIPE
	STUB STACK
	AIR ADMITTANCE VALVE
	FOUL INTERCEPTOR TRAP
	RAINWATER DOWNPIPE
	SYNCHRONIC RAINWATER DOWNPIPE
	PROPOSED LEVEL
	EXISTING TIE IN LEVEL
	EXISTING LEVEL
	SITE BOUNDARY

REFER TO DRAWING DB080-PIN-00-ZZ-DR-C-PLAN-1207 FOR SITE DRAINAGE LAYOUT

PLANNING REGISTRATION REFERENCE: SD21A/0186

REV	DATE	DESCRIPTION	DWN	CHK	APP
P01	27.04.22	SITE LAYOUT REVISED			FJVRUM

Key:

Project: EQUINIX DB081

Drawing Title: ON SITE POWER GENERATION COMPOUND DRAINAGE AND LEVELS LAYOUT

Drawing Number: DB080-PIN-00-ZZ-DR-C-PLAN-1208

Scale: 1:200    Paper Size: A1    Purpose: D2    Revision: P01

**PINNACLE CONSULTING ENGINEERS**

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- DRAINAGE NOTES:**
1. 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.
  2. ALL FOUL SEWER HOUSE CONNECTIONS TO BE MIN 100MMØ UPVC TO IS EN 1401 2009/2012, STIFFNESS CLASS 8KN/M2 IN ACCORDANCE WITH IRISH WATER SPECIFICATIONS.
  3. 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.
  4. 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.
  5. ALL SURFACE WATER CONNECTIONS TO BE MINIMUM 150MMØ UPVC TO IS EN 1401 2009/2012 IN ACCORDANCE WITH THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.
  6. LOCATION AND INVERT LEVELS OF EXISTING MANHOLES OR OUTFALL POINTS, WHERE APPLICABLE TO BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF DRAINAGE WORKS.
  7. ALL FOUL CONNECTIONS TO COMPLY WITH THE REQUIREMENTS OF THE IRISH WATER SPECIFICATIONS.
  8. ALL FOUL SEWERS TO BE AIR TESTED IN ACCORDANCE WITH IRISH WATER SPECIFICATIONS.
  9. ALL COVER LEVELS TO MATCH FINISHED ROAD/VERGE/FOOTPATH/CYCLETRACK LEVELS UNLESS OTHERWISE STATED.
  10. CONTRACTOR TO INCLUDE FOR CCTV SURVEY OF ALL SEWERS UPON COMPLETION OF SAME.