

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



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
	FIN DRAIN
	INTERNAL FOUL GULLY PIPE
	ROAD GULLY
	ROOFING EYE
	SUPP UNIT WITH ROOFABLE AIR TRAP
	SOIL VENT PIPE
	STB STACK
	AIR ADMITTANCE VALVE
	FOUL INTERCEPTOR TRAP
	RAINWATER DOWNPIPE
	SYNCHRONIC RAINWATER DOWNPIPE
	PROPOSED LEVEL
	EXISTING TIE IN LEVEL
	EXISTING LEVEL
	SITE BOUNDARY

	SUDS ATTENUATION POND
	SUDS ATTENUATION SWALE 1
	SUDS ATTENUATION SWALE 2

PLANNING REGISTRATION REFERENCE:
 SD21A/0186

REV	DATE	DESCRIPTION	DWN	CHK	APP
P04	26.04.22	SITE LAYOUT REVISED, SW LAYOUT UPDATED			
P03	06.02.22	CR RESPONSE			
P02	17.05.21	ISSUED FOR TENDER			
P01	20.08.21	ISSUED FOR FORMAL REVIEW			
REV	DATE	DESCRIPTION	DWN	CHK	APP

Key:

Project:
 EQUINIX DB081

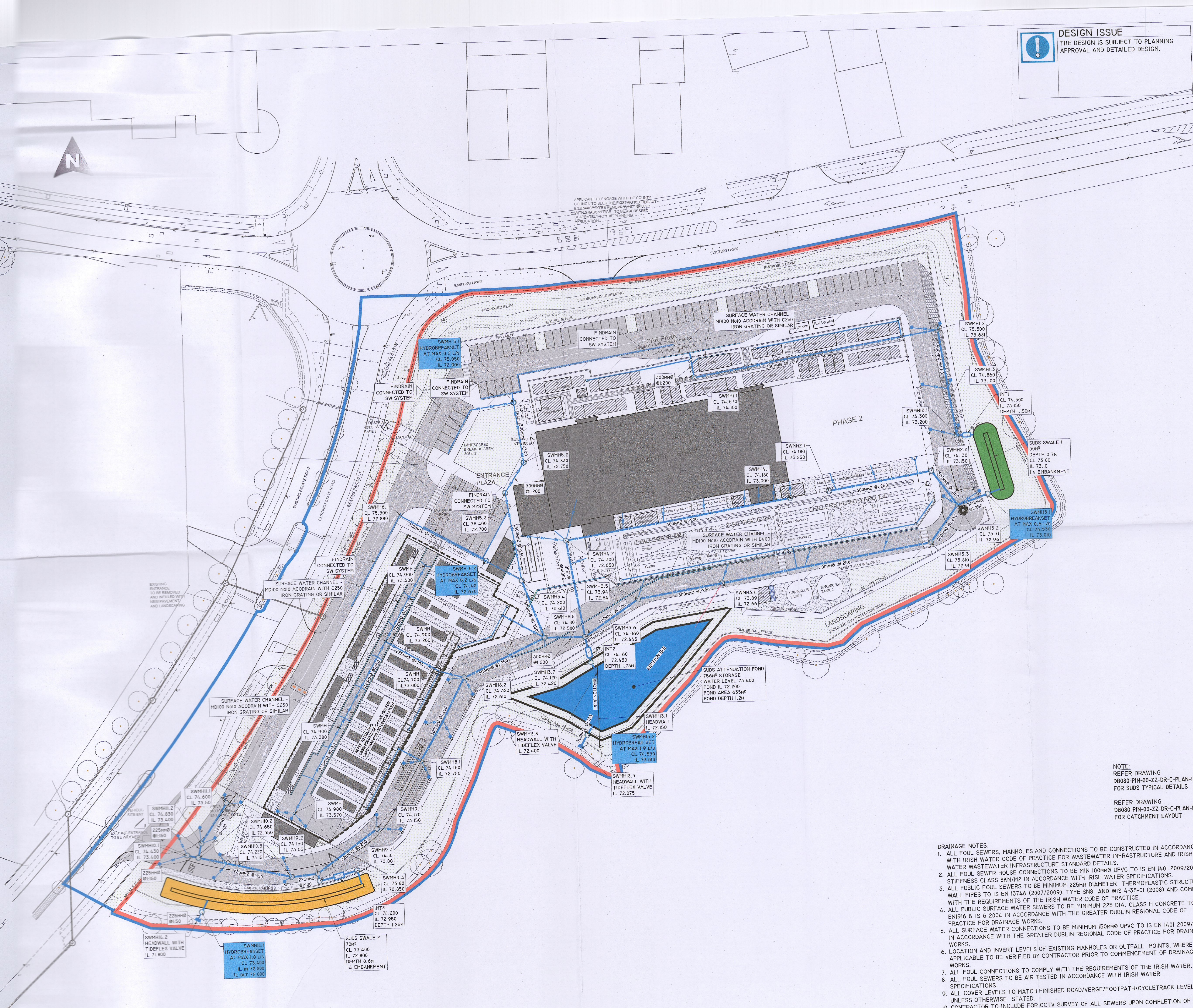
Drawing Title:
 SURFACE WATER SITE DRAINAGE

Drawing Number:
 DB080-PIN-00-ZZ-DR-C-PLAN-1207

Scale: 1:500 **Paper Size:** A1 **Purpose:** D2 **Revision:** P04

PINNACLE CONSULTING ENGINEERS

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DRAINAGE NOTES:

- ALL FOUL SEWERS, MANHOLES AND CONNECTIONS TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR 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 SN8 AND WIS 4-55-01 (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 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/CYCLETEACK LEVELS UNLESS OTHERWISE STATED.
- CONTRACTOR TO INCLUDE FOR CCTV SURVEY OF ALL SEWERS UPON COMPLETION OF SAME.

NOTE:
 REFER DRAWING DB080-PIN-00-ZZ-DR-C-PLAN-1296 FOR SUDS TYPICAL DETAILS
 REFER DRAWING DB080-PIN-00-ZZ-DR-C-PLAN-1295 FOR CATCHMENT LAYOUT