

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED, WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - ASK.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

EX FOUL MANHOLE	EX F
EX FOUL PIPE	PIPE DESCRIPTION
NEW FOUL MANHOLE	F
NEW FOUL PIPE	PIPE DESCRIPTION
NEW FOUL INSPECTION CHAMBER	IC
EX SURFACE WATER MANHOLE	EX S
EX SURFACE WATER PIPE	PIPE DESCRIPTION
NEW SURFACE WATER MANHOLE	S
NEW SURFACE WATER PIPE	PIPE DESCRIPTION
NEW SURFACE WATER MANHOLE ON DIVERTED STORMWATER PIPE/CULVERT	S
DIVERTED EXISTING SURFACE WATER PIPE/CULVERT	PIPE DESCRIPTION
EX COMBINED MANHOLE	EX C
EX COMBINED PIPE	PIPE DESCRIPTION
NEW COMBINED PIPE	PIPE DESCRIPTION
DECOMMISSIONED LINE	X X X X X X X X X X X X X X X X
NEW PERFORATED LAND DRAIN	LAND DRAIN
NEW TREE PIT	TP
NEW INSPECTION CHAMBER	IC
NEW SILT TRAP MANHOLE	ST
NEW FILTER STRIP	Filter Strip
DENOTES SHALLOW SEWER TO BE CAST IN 100mm CONCRETE SURROUND	Shallow Sewer
NEW INSPECTION OPENING	IO
NEW SIDE INLET KERB GULLY	KG
NEW ROAD GULLY	RG
SITE BOUNDARY	Red Line
SITE OWNERSHIP BOUNDARY	Blue Line
DCC LANDS BOUNDARY	Green Line

FOUL SEWER DETAILS
 ALL FOUL SEWER INFRASTRUCTURE IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST REVISION OF IRISH WATER - WASTEWATER INFRASTRUCTURE STANDARD DETAILS DOCUMENT IW-CDS-5030-01

STORMWATER SEWER DETAILS
 ALL STORMWATER INFRASTRUCTURE IS TO BE CONSTRUCTED TO DUBLIN CITY COUNCIL DRAINAGE DIVISION TAKING IN CHARGE STANDARDS.

PIPE MATERIALS
 UNLESS SPECIFICALLY NOTED OTHERWISE IN THE DRAINAGE LAYOUT THE PIPE MATERIAL WILL BE AS FOLLOWS:
 PIPE DIAMETER < 225mm: USE UPVC PIPE WORK
 PIPE DIAMETER 225mm: USE CONCRETE PIPE WORK
 PIPE MATERIAL TO BE IN ACCORDANCE WITH THE FOLLOWING:
 1. CONCRETE PIPES TO HAVE SPOUT & SOCKET JOINTS AND RUBBER RING FITTINGS TO IS EN 1916 (S22, S25, S31), PART 1, (D202, 2010) AND IS (2004), STRENGTH CLASS 150
 2. UPVC PIPES, JOINTS AND FITTINGS TO COMPLY WITH THE PROVISION OF IS EN 1401 - PART 1 AND IS 4860 (NOTE: UPVC PIPES NOT PERMITTED IN AREAS TO BE TAKEN IN CHARGE BY DUBLIN CITY COUNCIL)

NOTE:
 TREE AND SHRUB PLANTING IN THE VICINITY OF WATERMANS AND DRAINS SHALL BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS (STW-22, STW-23, STW-24, STW-25 AND STW-26). WHERE THESE RESTRICTIONS CANNOT BE ACCOMMODATED, PROTECTION MEASURES SHALL BE PROVIDED PROPORTIONATE TO THE PROPOSED TREE/SHRUB SIZE, SPECIES AND LOCATION RELATIVE TO THE SPECIES. SUCH MEASURES MAY INCLUDE ROOT PROTECTION BARRIERS, HIGH PERFORMANCE JOINTS OR FLUXION WELDED JOINTS FOR PE RISING WATER MAINS. FULL DETAILS OF THE PROPOSED PROTECTION MEASURES ARE TO BE SUBMITTED TO AND AGREED WITH IRISH WATER.

PLG	DATE	DESCRIPTION	BY	CHKD
PL6	15.05.20	PLANNING ISSUE	AS	AS
PL5	26.03.20	DRAFT PLANNING ISSUE	AS	AS
PL4	18.01.20	ISSUED FOR I.W. REVIEW	AS	AS
PL3	13.01.20	ISSUED FOR PLANNING	AS	AS
PL2	20.12.19	ISSUED I.W. REVIEW	AS	AS
PL1	05.11.19	ISSUED FOR PLANNING	AS	AS
P1	20.09.19	ISSUED FOR COMMENT	AS	AS

PLANNING

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ACEI
 The Institution of Structural Engineers
 Chartered Institution of Building Engineers

CLIENT: DBTR-SCR1 Fund, a Sub-Fund of the CWTC Multi Family ICVA

PROJECT TITLE: BAILEY GIBSON SOUTH CIRCULAR ROAD

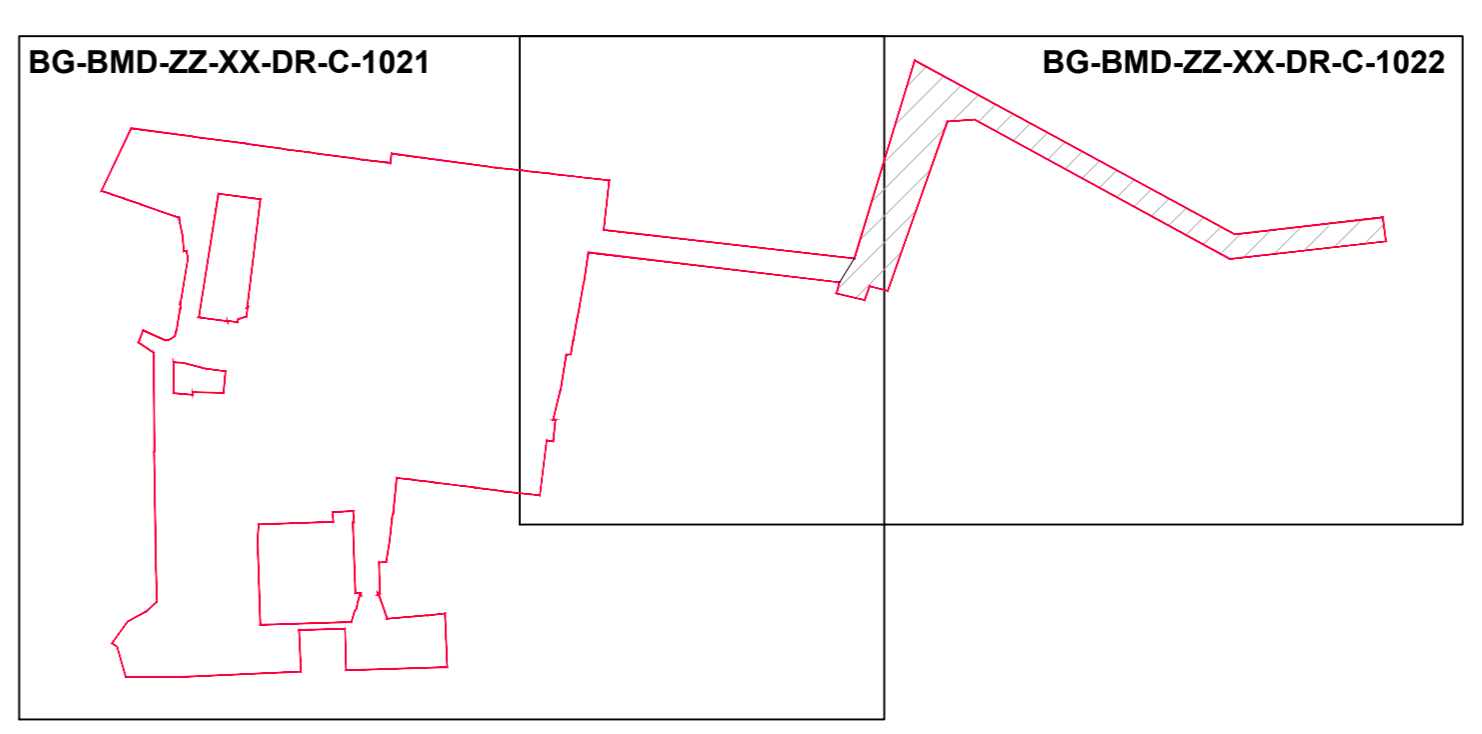
PROJECT NO: 19117

DRAWING TITLE: PROPOSED FOUL AND SURFACE WATER DRAINAGE - SHEET 2

DRAWING NO: BG-BMD-00-XX-DR-C-1022

SCALE: @ A2: 1:500

SCALE: @ A3: 1:800



PROPOSED FOUL AND SURFACE WATER DRAINAGE - SHEET 2