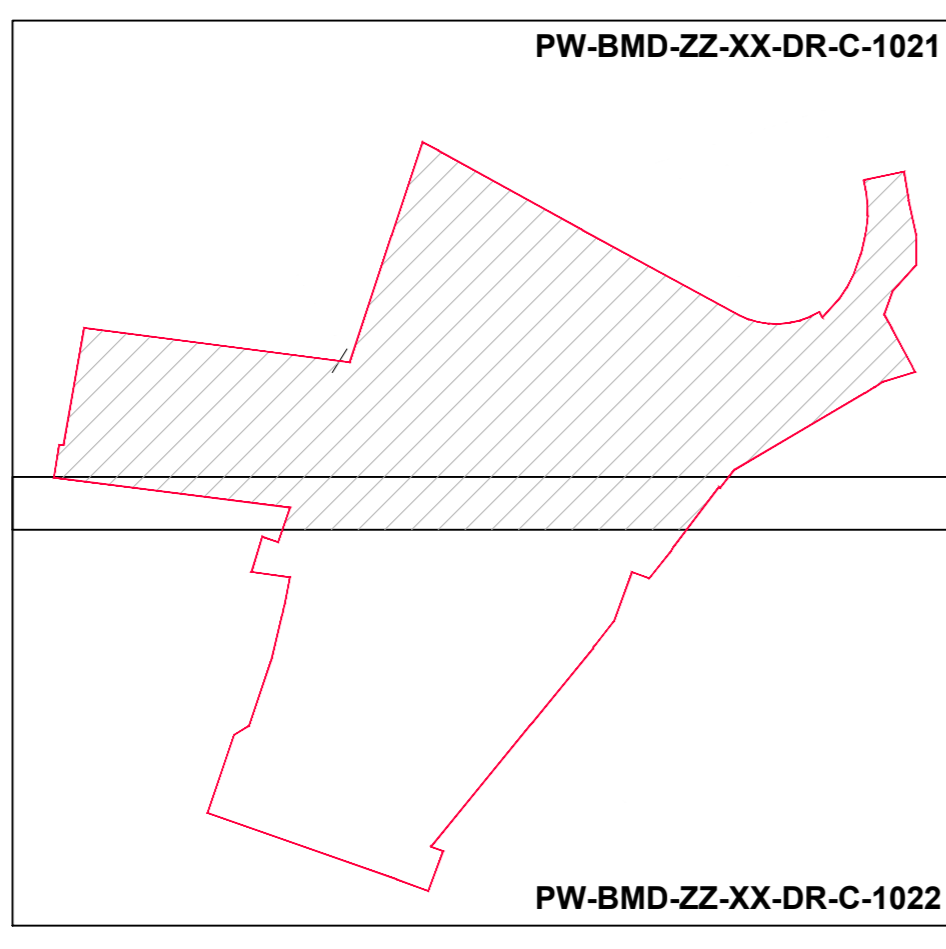


CIVIL LEGEND

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	PIPE DESCRIPTION
DIVERTED EXISTING SURFACE WATER PIPE	PIPE DESCRIPTION
EX COMBINED MANHOLE	Ex.C
EX COMBINED PIPE	PIPE DESCRIPTION
NEW COMBINED PIPE	PIPE DESCRIPTION
DECOMMISSIONED LINE	PIPE DESCRIPTION
NEW PERFORATED LAND DRAIN	LAND DRAIN
NEW TREE PIT	TP
NEW INSPECTION CHAMBER	IC
NEW SILT TRAP MANHOLE	ST
NEW FILTER STRIP	IO
DENOTES SHALLOW SEWER TO BE CAST IN 150mm CONCRETE SURROUND	IO
NEW INSPECTION OPENING	IO
NEW SURFACE WATER INSPECTION CHAMBER	IC
NEW SIDE INLET KERB GULLY	KG
NEW ROAD GULLY	RG
SITE BOUNDARY	---
SITE OWNERSHIP BOUNDARY	---
DCC LANDS BOUNDARY	---



KEY PLAN

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS & 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.

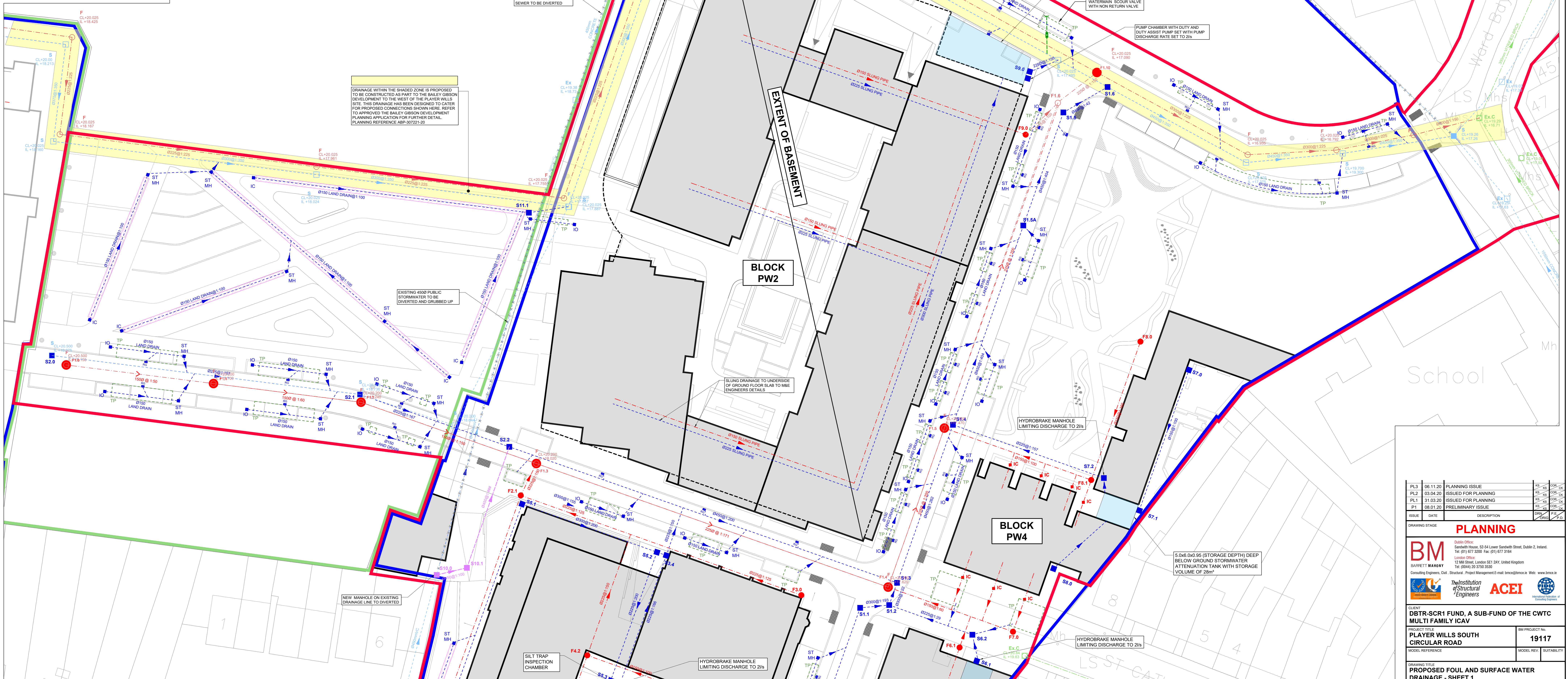
PIPE MATERIALS
 UNLESS SPECIFICALLY NOTED OTHERWISE IN THE DRAINAGE LAYOUT THE PIPE MATERIAL WILL BE AS FOLLOWS:
 PIPE DIAMETER < 225mm: USE uPVC PIPE WORK
 PIPE DIAMETER ≥ 225mm: USE CONCRETE PIPE WORK
 PIPE MATERIAL TO BE IN ACCORDANCE WITH THE FOLLOWING:
 1. CONCRETE PIPES TO HAVE SPIGOT & SOCKET JOINTS AND RUBBER RING FITTINGS TO IS EN 1916 (2002), BS5911, PART 1, (2002-2010) AND IS 6 (2004), STRENGTH CLASS 150
 2. uPVC PIPES, JOINTS AND FITTINGS TO COMPLY WITH THE PROVISIONS OF IS EN 1401- PART 1 AND IS 6460 (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 S1TD-W-12, S1TD-W-12A, S1TD-WW-06 AND S1TD-WW-06A. WHERE THESE RESTRICTIONS CANNOT BE ACCOMMODATED, PROTECTION MEASURES SHALL BE PROVIDED APPROPRIATE TO THE PROPOSED TREE/SHRUB SIZE, SPECIES AND LOCATION RELATIVE TO THE SPECIES. SUCH MEASURES MAY INCLUDE ROOT PROTECTION BARRIERS, HIGH PERFORMANCE JOINTS OR FLUSH WELDED JOINTS FOR FE RESISTANT WATER MAINS. FULL DETAILS OF THE PROPOSED PROTECTION MEASURES ARE TO BE SUBMITTED TO AND AGREED WITH IRISH WATER

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.

REFER TO DRAWING C-1022 FOR MANHOLE SCHEDULE



DRAINAGE WITHIN THE SHADED ZONE IS PROPOSED TO BE CONSTRUCTED AS PART OF THE BAILEY GIBSON DEVELOPMENT TO THE WEST OF THE PLANNED WILLS. THIS DRAINAGE HAS BEEN DESIGNED TO CATER FOR PROPOSED CONNECTIONS SHOWN HERE. REFER TO APPROVED THE BAILEY GIBSON DEVELOPMENT PLANNING APPLICATION FOR FURTHER DETAIL. PLANNING REFERENCE ABR-307221-20

EXTENT OF BASEMENT

BLOCK PW2

BLOCK PW4

PROPOSED FOUL AND SURFACE WATER DRAINAGE - SHEET 1

SCALE @ A0: 1:250
 SCALE @ A2: 1:500

PL3	06.11.20	PLANNING ISSUE		
PL2	03.04.20	ISSUED FOR PLANNING		
PL1	31.03.20	ISSUED FOR PLANNING		
P1	08.01.20	PRELIMINARY ISSUE		
ISSUE	DATE	DESCRIPTION	DRG	CHK
PLANNING				
<p>BM Dublin Office: Sandwith House, 33-34 Lower Sandwith Street, Dublin 2, Ireland. Tel: 011 877 3200 Fax: 011 877 3164</p> <p>London Office: 12 Mill Street, London SE1 2AY, United Kingdom Tel: (02044) 20 3700 3330</p> <p>Consulting Engineers, Civil, Structural, Project Management e-mail: info@bm.co.uk www.bm.co.uk</p>				
<p>Client: DBTR-SCR1 FUND, A SUB-FUND OF THE CWTC MULTI FAMILY ICAV</p>				
PROJECT TITLE			BM PROJECT No.	
PLAYER WILLS SOUTH CIRCULAR ROAD			19117	
MODEL REFERENCE			MODEL REV. / SUBMITTAL	
DRAWING TITLE			DATE	
PROPOSED FOUL AND SURFACE WATER DRAINAGE - SHEET 1			PL3	
DRAWING No.			SHEET	
PW-BMD-ZZ-XX-DR-C-1021			PL3	