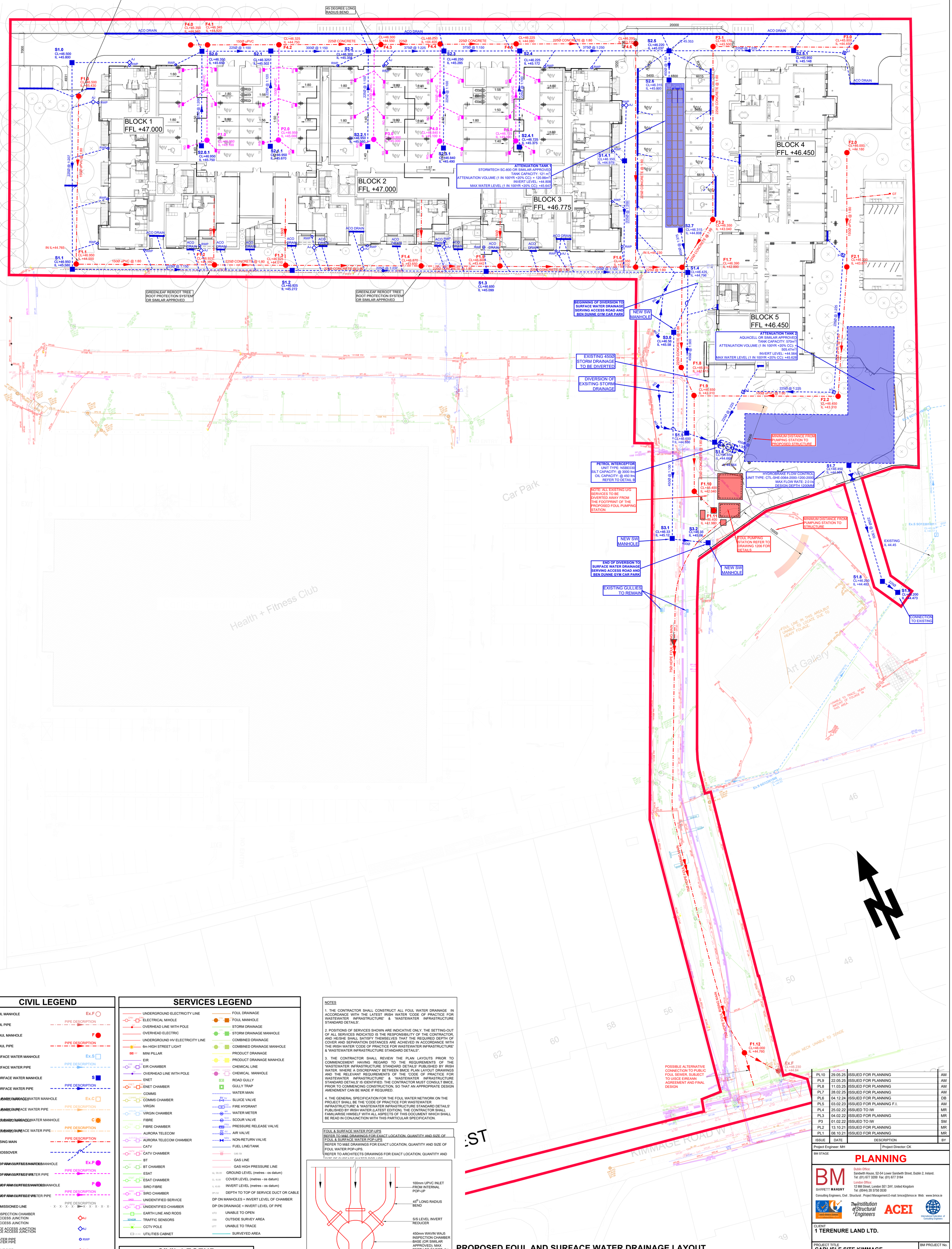
NOTES

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

NOTE :-
WHERE MANHOLE COVERS ARE LOCATED IN SOFT LANDSCAPED/GRASS AREAS; TO ENSURE THAT MANHOLE COVERS ARE IDENTIFIABLE, ACCESSIBLE AND WILL NOT BECOME OVERGROWN, COVERS TO BE SURROUNDED BY A CONCRETE PLINTH, 200mm ALL ROUND AND 100mm DEEP FORMED WITH C20/25 CONCRETE, 20mm AGGREGATE SIZE, BEDDED IN CLAUSE 804 MATERIALS AS PER SECTION 3.18 OF WATER CODE OF PRACTICE.



CIVIL LEGEND

- EX. FOUL MANHOLE — Ex.F
- EX. FOUL PIPE — PIPE DESCRIPTION
- NEW FOUL MANHOLE — F
- NEW FOUL PIPE — PIPE DESCRIPTION
- EX. SURFACE WATER MANHOLE — Ex.S
- EX. SURFACE WATER PIPE — PIPE DESCRIPTION
- NEW SURFACE WATER MANHOLE — S
- NEW SURFACE WATER PIPE — PIPE DESCRIPTION
- EX. COMBINED MANHOLE — Ex.C
- EX. COMBINED PIPE — PIPE DESCRIPTION
- NEW COMBINED MANHOLE — C
- NEW COMBINED PIPE — PIPE DESCRIPTION
- NEW RISING MAIN — PIPE DESCRIPTION
- PIPE CROSSOVER
- EX. GOD PARK SURFACE WATER MANHOLE — Ex.P
- EX. GOD PARK SURFACE WATER PIPE — PIPE DESCRIPTION
- NEW GOD PARK SURFACE WATER MANHOLE — P
- NEW GOD PARK SURFACE WATER PIPE — PIPE DESCRIPTION
- DECOMMISSIONED LINE — PIPE DESCRIPTION
- FOUL INSPECTION CHAMBER / FOUL ACCESS JUNCTION / FOUL ACCESS JUNCTION — AJ
- SURFACE ACCESS JUNCTION / SURFACE ACCESS JUNCTION — AJ
- RAINWATER PIPE / RAINWATER PIPE — RWP
- SOIL VENT PIPE / SOIL VENT PIPE — SVP
- ROAD GULLEY / ROAD GULLEY — RG
- BACK INLET GULLEY TRAP / BACK INLET GULLEY TRAP — BIGT
- FOUL RODDING EYE / FOUL RODDING EYE — RE
- SURFACE RODDING EYE / SURFACE RODDING EYE — RE
- GULLEY TRAP / GULLEY TRAP — GT

SERVICES LEGEND

- UNDERGROUND ELECTRICITY LINE
- ELECTRICAL M/HOLE
- OVERHEAD LINE WITH POLE
- OVERHEAD ELECTRIC
- UNDERGROUND HV ELECTRICITY LINE
- 6m HIGH STREET LIGHT
- MINI PILLAR
- EIR
- EIR CHAMBER
- OVERHEAD LINE WITH POLE
- ENET
- ENET CHAMBER
- COMMS
- COMMS CHAMBER
- VIRGIN
- VIRGIN CHAMBER
- FIBRE
- FIBRE CHAMBER
- AURORA TELECOM
- AURORA TELECOM CHAMBER
- CATV
- CATV CHAMBER
- BT
- BT CHAMBER
- ESAT
- ESAT CHAMBER
- SIRO FIBRE
- SIRO CHAMBER
- UNIDENTIFIED SERVICE
- UNIDENTIFIED CHAMBER
- EARTH LINE AND RODS
- TRAFFIC SENSORS
- CCTV POLE
- UTILITIES CABNET
- FOUL DRAINAGE
- FOUL MANHOLE
- STORM DRAINAGE
- STORM DRAINAGE MANHOLE
- COMBINED DRAINAGE
- COMBINED DRAINAGE MANHOLE
- PRODUCT DRAINAGE
- PRODUCT DRAINAGE MANHOLE
- CHEMICAL LINE
- CHEMICAL MANHOLE
- ROAD GULLY
- GULLY TRAP
- WATER MAIN
- SLUICE VALVE
- FIRE HYDRANT
- WATER METER
- SCOUR VALVE
- PRESSURE RELEASE VALVE
- AIR VALVE
- NON-RETURN VALVE
- FUEL LINE/TANK
- GAS SV
- GAS LINE
- GAS HIGH PRESSURE LINE
- GL 00.00 — GROUND LEVEL (metres - os datum)
- CL 10.00 — COVER LEVEL (metres - os datum)
- IL 10.00 — INVERT LEVEL (metres - os datum)
- DPL50 — DEPTH TO TOP OF SERVICE DUCT OR CABLE
- DP ON MANHOLES = INVERT LEVEL OF CHAMBER
- DP ON DRAINAGE = INVERT LEVEL OF PIPE
- UTO — UNABLE TO OPEN
- OSA — OUTSIDE SURVEY AREA
- UTT — UNABLE TO TRACE
- SURVEYED AREA

CIVIL LEGEND

DENOTES SUBJECT APPLICATION SITE FOR CONNECTION TO UISCE ÉIREANN WATERMAIN

NOTES

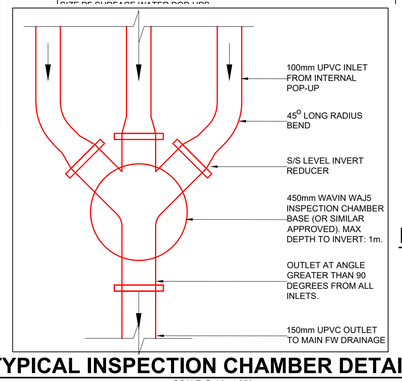
1. THE CONTRACTOR SHALL CONSTRUCT ALL FOUL WATER DRAINAGE IN ACCORDANCE WITH THE LATEST IRISH WATER 'CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE' & 'WASTEWATER INFRASTRUCTURE STANDARD DETAILS'.

2. POSITIONS OF SERVICES SHOWN ARE INDICATIVE ONLY. THE SETTING-OUT OF ALL SERVICES INDICATED IS THE RESPONSIBILITY OF THE CONTRACTOR, AND HE/SHE SHALL SATISFY THEMSELVES THAT THE REQUIRED DEPTH OF COVER AND SEPARATION DISTANCES ARE ACHIEVED IN ACCORDANCE WITH THE IRISH WATER 'CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE' & 'WASTEWATER INFRASTRUCTURE STANDARD DETAILS".

3. THE CONTRACTOR SHALL REVIEW THE PLAN LAYOUTS PRIOR TO COMMENCEMENT HAVING REGARD TO THE REQUIREMENTS OF THE 'WASTEWATER INFRASTRUCTURE STANDARD DETAILS' PUBLISHED BY IRISH WATER. WHERE A DISCREPANCY BETWEEN BMCE PLAN LAYOUT DRAWINGS AND THE RELEVANT REQUIREMENTS OF THE 'CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE' & 'WASTEWATER INFRASTRUCTURE STANDARD DETAILS' IS IDENTIFIED. THE CONTRACTOR MUST CONSULT BMCE, PRIOR TO COMMENCING CONSTRUCTION, SO THAT AN APPROPRIATE DESIGN AMENDMENT CAN BE MADE IF REQUIRED.

4. THE GENERAL SPECIFICATION FOR THE FOUL WATER NETWORK ON THE PROJECT SHALL BE THE 'CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE' & 'WASTEWATER INFRASTRUCTURE STANDARD DETAILS' PUBLISHED BY IRISH WATER (LATEST EDITION). THE CONTRACTOR SHALL FAMILIARISE HIMSELF WITH ALL ASPECTS OF THIS DOCUMENT WHICH SHALL BE READ IN CONJUNCTION WITH THIS PARTICULAR SPECIFICATION.

FOUL & SURFACE WATER POP-UPS
REFER TO M&E DRAWINGS FOR EXACT LOCATION, QUANTITY AND SIZE OF FOUL & SURFACE WATER POP-UPS
REFER TO M&E DRAWINGS FOR EXACT LOCATION, QUANTITY AND SIZE OF FOUL WATER POP-UPS.
REFER TO ARCHITECTS DRAWINGS FOR EXACT LOCATION, QUANTITY AND SIZE OF SURFACE WATER POP-UPS



TYPICAL INSPECTION CHAMBER DETAILS

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

PROPOSED FOUL AND SURFACE WATER DRAINAGE LAYOUT

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

ISSUE	DATE	DESCRIPTION	BY
PL10	29.05.25	ISSUED FOR PLANNING	AM
PL9	22.05.25	ISSUED FOR PLANNING	AM
PL8	11.03.25	ISSUED FOR PLANNING	AM
PL7	28.02.25	ISSUED FOR PLANNING	AM
PL6	04.12.24	ISSUED FOR PLANNING	DB
PL5	03.02.23	ISSUED FOR PLANNING F.I.	AM
PL4	25.02.22	ISSUED TO IW	MR
PL3	04.02.22	ISSUED FOR PLANNING	MR
P3	01.02.22	ISSUED TO IW	SM
PL2	13.10.21	ISSUED FOR PLANNING	MR
PL1	08.10.21	ISSUED FOR PLANNING	MR

Project Engineer: MH | Project Director: CK

BM STAGE: **PLANNING**

BARRETT MAHONY
Dublin Office: Sandwith House, 52-54 Lower Sandwith Street, Dublin 2, Ireland. Tel: (01) 677 3200 Fax: (01) 677 3164
London Office: 12 Mill Street, London SE1 2AY, United Kingdom Tel: (0044) 20 3750 3530
Consulting Engineers, Civil . Structural . Project Management.E-mail: bmce@bmce.ie Web: www.bmce.ie

CLIENT: 1 TERENURE LAND LTD.

PROJECT TITLE: CARLISLE SITE KIMMAGE, RESIDENTIAL DEVELOPMENT

BM PROJECT No. 21.221

MODEL | REFERENCE | SUITABILITY | REVISION

DRAWING TITLE: PROPOSED FOUL AND SURFACE WATER DRAINAGE LAYOUT

DWG | DRAWING REFERENCE: CST-BMD-00-ZZ-DR-C-1002 | STATUS: PL | REVISION: 10