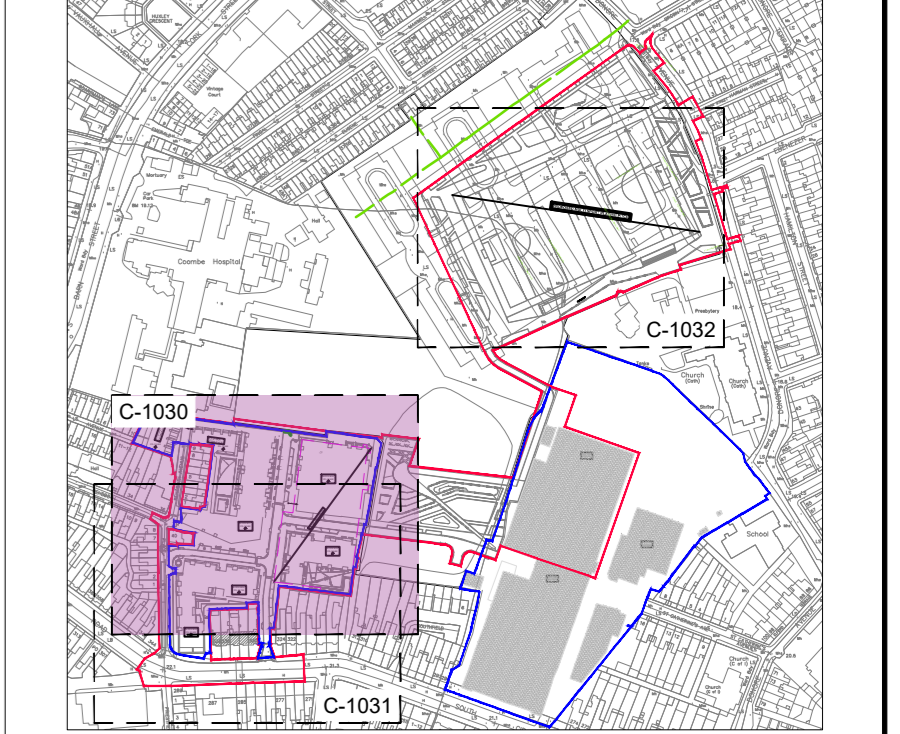


NOTES

- 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 IN ANY DOUBT - ASK.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.



KEY PLAN
SCALE @ A2: 1:5000
SCALE @ A3: 1:10000

CIVIL LEGEND

NEW WATERMAIN	---
EXISTING WATERMAIN	---
DECOMMISSIONED LINE	xxxxxx
SLUCE VALVE	SV
AIR VALVE	AV
HYDRANT	H
I/W APPROVED BOUNDARY BOX	B
SCOUR VALVE CHAMBER	SCV
WASHOUT HYDRANT	WH
FIRE HYDRANT	FH
ELECTROMAGNETIC METER CHAMBER	M
EXISTING BUILDING	---
BAILEY GIBSON SITE BOUNDARY	---
OWNERSHIP LINE	---
BASEMENT OUTLINE	---
PRIVATE WATER SUPPLY	---

WATERMAIN NOTES

- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS & MANUFACTURERS DRAWINGS & SPECIFICATIONS.
- ALL PIPE DIAMETERS ARE NOMINAL.
- WHERE CONNECTION IS REQUIRED TO AN EXISTING PUBLIC WATERMAIN, THE CONTRACTOR MUST ISSUE DETAILED DOCUMENTATION FOR APPROVAL TO THE RELEVANT LOCAL AUTHORITY AND IRISH WATER. THIS DOCUMENTATION MUST BE ISSUED AT LEAST 40 WORKING DAYS IN ADVANCE OF THE PLANNED WORKS OR AS AGREED WITH THE LOCAL AUTHORITY AND IRISH WATER.
- ALL THRUST BLOCKS MUST BE CAST AGAINST UNDISTURBED GROUND. FLEXIBLE PIPES SHOULD BE WRAPPED IN ONE LAYER OF 1000 GAUGE POLYETHYLENE TO AVOID DIRECT CONTACT WITH THE CONCRETE. MARKER POSTS AND PLATES TO BE PROVIDED FOR ALL VALVES, METERS AND HYDRANTS.
- CALCINATION AND BACTERIOLOGICAL TESTS TO BE UNDERTAKEN BY EXTERNAL TESTER AND TEST CERTIFICATION TO BE SUBMITTED TO ENGINEER.
- MARKER POSTS AND PLATES TO BE PROVIDED FOR ALL VALVES.
- IN ADVANCE OF TESTING OF THE WATERMANS, THE CONTRACTOR MUST PRESENT TO THE ENGINEER A CALIBRATION CERTIFICATE FOR THE APPARATUS TO BE USED IN THE TEST.
- ALL DETAILS TO BE AGREED WITH LOCAL AUTHORITY.
- ALL EXISTING WATERMANS TO BE ADEQUATELY PROTECTED. ANY WATERMANS DAMAGED DURING THE COURSE OF CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AT THEIR COST.
- COVERS OF ALL HYDRANT CHAMBERS TO BE PAINTED YELLOW WITH THE EXCEPTION OF HYDRANT THAT ARE NOT FOR FIRE SERVICES PURPOSES.
- ALL RECOVER PIPES SHALL BE NO MORE THAN 150mm FROM THEIR ASSOCIATED CHAMBER.
- WHERE PIPE RUN IS LOCATED ADJACENT TO FOUNDATION AND IS AT A LEVEL BELOW UNDERSE OF THE FOUNDATION, PIPE TRENCH TO BE BACKFILLED TO FORMATION LEVEL WITH CLASS 1/20 CONCRETE.
- PROVIDE ANCHORFAST BLOCKS ON ALL BENCHES EQUAL TO OR IN EXCESS OF 22.5" DEAD ENDS AND TEES ON ALL PIPES.
- TRENCHES IN EXISTING SURFACES TO BE SAW CUT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING OUT WATERMANS & SLUCE VALVES TO ENSURE NO CLASHES WITH SERVICE DUCTS OR PIPES.

NOTES FOR CONNECTION TO IRISH WATER SERVICES

- CONTRACTOR TO USE WITH IRISH WATER PRIOR TO MOBILISATION ON SITE TO DETERMINE THE DURATION OF THE APPROVAL PROCESS AND WHAT DOCUMENTATION AND FEES ARE REQUIRED BY IRISH WATER AND THE LOCAL AUTHORITY AND PROGRAM THIS INTO THE CONSTRUCTION PROGRAM. CONTRACTOR TO CONFIRM EXTENT OF NOTICE REQUIRED BY IRISH WATER TO INSPECT WORKS AND ALSO PROGRAM INTO THE CONSTRUCTION PROGRAM.
- IRISH WATER TO BE CONTACTED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY FOUL SEWER AND WATERMAIN WORKS. ALL DETAILS TO BE AGREED WITH IRISH WATER. IRISH WATER TO BE GIVEN 40 WORKING DAYS NOTICE FOR ALL FOUL SEWER AND WATERMAIN CONNECTION WORKS.
- EXACT LOCATION AND DEPTH OF THE EXISTING FOUL SEWERS, RISING MAINS AND WATERMANS SHOULD BE ESTABLISHED BY THE CONTRACTOR IN ADVANCE OF THE MAIN EXCAVATION FOR THE NEW FOUL SEWER AND WATERMAIN SO AS TO AVOID THE POSSIBILITY OF DAMAGE TO THE EXISTING FOUL SEWER, RISING MAINS AND WATERMAIN DURING CONSTRUCTION WORKS. ALL TRENCHES TO BE UNDERGROUND.
- ALL EXISTING FOUL SEWERS, RISING MAINS AND WATERMANS TO BE ADEQUATELY PROTECTED. ANY FOUL SEWERS, RISING MAINS OR WATERMANS DAMAGED DURING THE COURSE OF CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AT THEIR OWN COST.
- THE CONTRACTOR SHALL APPLY FOR A ROAD OPENING LICENSE AND PAY THE REQUIRED ROAD OPENING LICENSE FEE. THIS FEE IS A NON-NEGOTIABLE AND NON-REFUNDABLE FEE. THE CONTRACTOR SHALL BE DEEMED TO HAVE INCLUDED IN HIS TENDER PRICE FOR ALL REQUIREMENTS SUCH AS CONTRIBUTION FOR CONNECTIONS TO PUBLIC INFRASTRUCTURE, LICENSE APPLICATION, PAYMENT OF FEES, STATUTORY TIME PERIODS, TRAFFIC MANAGEMENT PLANS AND APPLICATION, REINSTATEMENT, ETC.
- ALL WATERMAIN EXTENSIONS CONSTRUCTED TO ALLOW FOR FUTURE CONNECTION TO FUTURE PHASES ARE TO BE TERMINATED IN BLANK ENDS WITH A SUITABLE THRUST BLOCK INSTALLED.

PL#	DATE	DESCRIPTION	BY
PL6	31.05.22	PLANNING ISSUE	KS
PL5	16.03.22	UPDATED AS PER IW COMMENTS	TN
PL4	24.02.22	IW DIVERSIONS TEAM COMMENTS	TN
PL3	20.01.22	ISSUED FOR IW DESIGN VETTING	TN
PL2	10.12.21	ISSUED FOR IW DESIGN VETTING	TN
PL1	09.11.21	ISSUED FOR PRE-APPLICATION SUBMISSION	TN

Project Engineer: CIARAN O'RAFFERTY Project Director: CIARAN KENNEDY

PLANNING

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CLIENT: CWTC MULTI FAMILY ICV ACTING SOLELY IN RESPECT OF ITS SUB FUND DBTR SCR1 FUND

PROJECT TITLE	BAILEY GIBSON SHD 2	BM PROJECT NO.	19117
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REFERENCE	BGL-BMD-ZZ-00-DR-C-1030-1031	SUBMITTANCE	81	REVISION	P01
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DRAWING TITLE: PROPOSED WATERMAIN LAYOUT (SHEET 1 OF 3)

DRAWING REFERENCE	BGL-BMD-ZZ-00-DR-C-1030	STATUS	D2	REVISION	PL6
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BLOCK NUMBER	RESIDENTIAL PLOT NUMBERS	NON-RESIDENTIAL
BLOCK BG1	BG1-1 to BG1-152	CRECHE - 248m ²
BLOCK BG2	BG2-1 to BG2-89	RETAIL UNIT - 238m ²
BLOCK BG3	BG3-1 to BG3-52	RESTAURANT - 159m ²
BLOCK BG4	BG4-1 to BG4-49	
BLOCK BG5	BG5-1 to BG5-4	

PROPOSED WATERMAIN LAYOUT

SCALE @ A0: 1:200
SCALE @ A2: 1:400