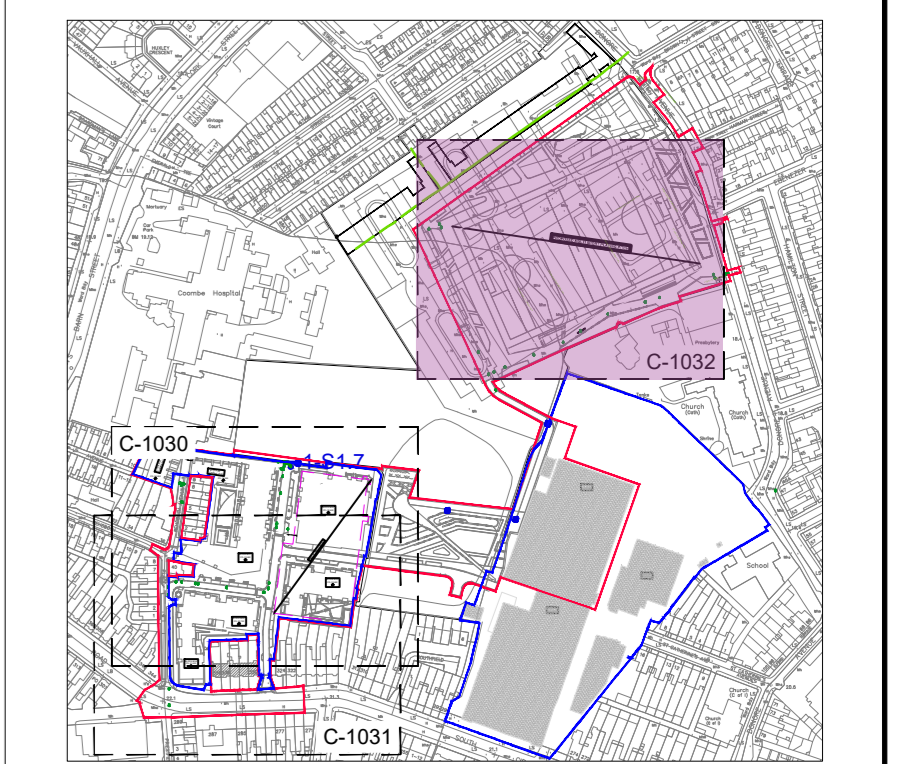


**NOTES**

- 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.



**KEY PLAN**  
SCALE @ A0: 1:5000  
SCALE @ A2: 1:10000

**CIVIL LEGEND**

NEW WATERMAIN	---
EXISTING WATERMAIN	---
DECOMMISSIONED LINE	- x - x - x - x - x - x - x -
SLUCE VALVE	SV
AIR VALVE	AV
HYDRANT	H
I/W APPROVED BOUNDARY BOX	[ ]
SCOUR VALVE CHAMBER	SCV
WASHOUT HYDRANT	WOH
FIRE HYDRANT	FH
ELECTROMAGNETIC METER CHAMBER	[M]
EXISTING BUILDING	[ ]
BAILEY GIBSON SITE BOUNDARY	[ ]
OWNERSHIP LINE	---
EASEMENT 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 100 GAUGE POLYTHENE TO AVOID DIRECT CONTACT WITH THE CONCRETE MARKER POSTS AND PLATES TO BE PROVIDED FOR ALL VALVES, METERS AND HYDRANTS.
- CHLORINATION 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 ROCKER 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 UNDERSIDE OF THE FOUNDATION, PIPE TRENCH TO BE BACKFILLED TO FORMATION LEVEL WITH CLASS 3/20 CONCRETE.
- PROVIDE ANCHOR/THRUST BLOCKS ON ALL BENDS EQUAL TO OR IN EXCESS OF 22.5° DEGREE 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 CUTS OR PIPES.

**NOTES FOR CONNECTION TO IRISH WATER SERVICES**

- CONTRACTOR TO LIAISE WITH IRISH WATER PRIOR TO MOBILISATION ON SITE TO DETERMINE THE SEQUENCE 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 LOCAL SEWER AND WATERMAIN WORKS. ALL DETAILS TO BE AGREED WITH IRISH WATER. IRISH WATER TO BE GIVEN 40 WORKING DAYS NOTICE FOR ALL LOCAL 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 WATERMANS DURING CONSTRUCTION WORKS. SLIT TRENCHES TO BE UNDERTAKEN.
- ALL EXISTING FOUL SEWERS, RISING MAINS AND WATERMANS TO BE ADEQUATELY PROTECTED. ANY FOUL SEWERS, RISING MAINS AND 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.
- NEW WATERMANS SHOWN ON THIS DRAWING ARE NOT REQUIRED TO SERVICE THE PITCH OR SURROUNDINGS. THESE WATERMANS ARE REQUIRED TO PROVIDE POTABLE WATER SUPPLY AND FIRE HYDRANT COVERAGE FOR FOLLOWING PHASES OF THE MASTERSPLAN. THEY WILL BE CONSTRUCTED WITHIN THE CURTILAGE OF THE SITE BUT COMMISSIONED AND CONNECTED TO THE PUBLIC WATER SUPPLY NETWORK ONLY WHEN REQUIRED TO PROVIDE SUPPLY TO THE FOLLOWING DEVELOPMENT PHASES.

PL7	31.05.22	PLANNING ISSUE	KS
PL6	16.03.22	ISSUED AS PER IW COMMENTS	TN
PL5	24.02.22	DIVERTED WATERMAIN WAYLEAVE ADDED	TN
PL4	24.02.22	I/W DIVERSIONS TEAMS 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
ISSUE	DATE	DESCRIPTION	BY

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

**PLANNING**

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CLIENT: CWTC MULTI FAMILY ICAY 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	SUITABILITY	81	REVISION	P01
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DRAWING TITLE: PROPOSED WATERMAIN LAYOUT (SHEET 3 OF 3)

DRAWING REFERENCE	BGL-BMD-ZZ-00-DR-C-1032	STATUS	D2	REVISION	PL7
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**PROPOSED WATERMAIN LAYOUT**  
SCALE @ A0: 1:200  
SCALE @ A2: 1:400