

NOTES

1. 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 - ASSE.
2. CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

HYDRANTS COVERS, WHERE LOCATED IN GRASS AREAS, TO BE SURROUNDED BY A CONCRETE PLINTH, 200mm ALL ROUND AND 100mm DEEP, FORMED WITH C20/25 CONCRETE, 20mm AGGREGATE SIZE, AND BEDDED IN GRAUSE 804 MATERIAL. THE PLINTH TO INCORPORATE MILD STEEL REINFORCEMENT LINGS AND TO HAVE A BULL NOSE FINISH AROUND ITS EXTERNAL PERIMETER.

HYDRANTS AS PER
STW-03-01 IRISH
WATER STANDARDS
(AIR VALVE)

BLOCK 1
FFL +47.000

BLOCK 2
FFL +47.000

BLOCK 3
FFL +46.775

BLOCK 4
FFL +46.450

BLOCK 5
FFL +46.400

CONNECTION TO APARTMENTS: METERS FOR APARTMENTS SHALL BE INSTALLED INTERNALLY WITHIN THE PREMISES IN ACCORDANCE WITH THE BUILDING CONTROL AUTHORITIES REQUIREMENTS AND SUBJECT TO REVIEW BY IRISH WATER. ISOLATION DEVICE TO BE PROVIDED USING A CONNECTION VIA AN UNRESTRICTED AIR-GAP DEVICE (AA TYPE DEVICE IS EN 1717) TO PREVENT BACKFLOW FROM THE INTERNAL WATER DISTRIBUTION SYSTEM TO IRISH WATERS NETWORK TO PREVENT THE RISK OF BACKFLOW CONTAMINATION.

CONNECTION TO WATER TANK: ISOLATION DEVICE TO BE PROVIDED USING A CONNECTION VIA AN UNRESTRICTED AIR-GAP DEVICE (AA TYPE DEVICE IS EN 1717) TO PREVENT BACKFLOW FROM THE INTERNAL WATER DISTRIBUTION SYSTEM TO IRISH WATERS NETWORK TO PREVENT THE RISK OF BACKFLOW CONTAMINATION.

SPRINKLERS
TANK

WATER TANK

SCOUR VALVE
DRAINING TO
MANHOLE S1.4

MAGNETIC FLOW
WATER METER AS
PER IRISH WATER
SPECIFICATION

Carlisle Health And Fitness Club

Car Park

Art Gallery

CIVIL LEGEND

DEMOTES SUBJECT APPLICATION SITE
FOR PCE

CIVIL LEGEND

Ex WATERMAIN
WATERMAIN
SLUICE VALVE
STOP COCK
AIR VALVE
FIRE HYDRANT
TRUST BLOCK
CHECK VALVE
MAGNETIC FLOW WATER METER
WITH TELEMETRY KIOSK
SCOUR VALVE

NOTES

1. THE CONTRACTOR SHALL CONSTRUCT ALL WATERMANS IN ACCORDANCE WITH THE LATEST IRISH WATER STANDARD DETAILS AND CODE OF PRACTICE.
2. PORTIONS OF SERVICES SHOWN ARE INDICATIVE ONLY. THE SETTING-OUT OF ALL SERVICES INDICATED IS THE RESPONSIBILITY OF THE CONTRACTOR, AND HE/HE/HE SHALL SATISFY HIMSELF THAT THE REQUIRED DEPTH OF COVER AND SEPARATION DISTANCES ARE ACHIEVED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS.
3. THE CONTRACTOR SHALL REVIEW THE PLAN LAYOUTS PRIOR TO COMMENCEMENT HAVING REGARD TO THE REQUIREMENTS OF THE CODES OF PRACTICE AND STANDARD DETAILS PUBLISHED BY IRISH WATER. WHERE A DISCREPANCY BETWEEN THESE PLAN LAYOUT DRAWINGS AND THE RELEVANT REQUIREMENTS OF THE CODES OF PRACTICE OR STANDARD DETAILS IS IDENTIFIED, THE CONTRACTOR MUST CONSULT IRISH WATER PRIOR TO COMMENCING CONSTRUCTION, SO THAT AN APPROPRIATE DESIGN AMENDMENT CAN BE MADE IF REQUIRED.
4. THE GENERAL SPECIFICATION FOR THE WATERMAIN SYSTEM ON THE PROJECT SHALL BE THE 'CODE OF PRACTICE FOR WATER INFRASTRUCTURE' 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.

PROPOSED WATERMAIN SITE PLAN LAYOUT

SCALE @ A2: 1:250
SCALE @ A3: 1:500

PL	DATE	ISSUED TO	BY
PL4	25.02.22	ISSUED TO IW	MR
PL3	04.02.22	ISSUED FOR PLANNING	MR
P2	01.02.22	ISSUED TO IW	MR
PL2	13.10.21	ISSUED FOR PLANNING	MR
PL1	08.10.21	ISSUED FOR PLANNING	MR
P1	30.05.21	IW PCE ISSUED	SM
ISSUE	DATE	DESCRIPTION	BY
Project Engineer: M4		Project Director: CK	

BM STAGE

PLANNING
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CLIENT
1 TERENCE LANDS LTD.

PROJECT TITLE
CARLISLE SITE KIMMAGE,
RESIDENTIAL DEVELOPMENT

DRAWING TITLE
PROPOSED WATERMAIN SITE PLAN LAYOUT

DRAWING REFERENCE
CST-BMD-00-ZZ-DR-C-1003

STATUS
PL

REVISION
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