



© Copyright
This drawing and any design herein is the copyright of the
Consultants and must not be reproduced without their written
consent.

All drawings remain the property of the Consultants.

NOTES

LEGEND

- Existing Watermain
- Proposed Watermain
- Proposed Sluice Valve SV
- Proposed Air Valve AV
- Proposed Fire Hydrant FH
- Proposed Scour Valve scv
- Proposed Water Meter M
- Proposed Washout Hydrant WH
- Proposed Boundary Box
- Diverted Trunk Main
- Site Boundary

NOTES:

- EXISTING 300mmØ WATERMAIN TO BE RE-ROUTED BETWEEN POINT A AND POINT B. EXACT ROUTE TO BE AGREED WITH IRISH WATER.
- EXISTING 150mmØ WATERMAIN TO BE CONNECTED TO RE-ROUTED 300mmØ WATERMAIN AT POINT C.
- WATER SUPPLY NETWORK FOR THE DEVELOPMENT TO BE CONNECTED TO THE RE-ROUTED 300mmØ WATERMAIN AT POINT D UP TO BOUNDARY BOXES. THE WATER SUPPLY SYSTEM HAS BEEN DESIGNED AND DETAILED IN ACCORDANCE WITH IRISH WATER'S CODE OF PRACTICE FOR WATER INFRASTRUCTURE (IW-CDS-5020-03) AND IRISH WATER'S WATER INFRASTRUCTURE STANDARD DETAILS (IW-CDS-5020-01).
- THE WATER SUPPLY SYSTEM IS TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER'S CODE OF PRACTICE FOR WATER INFRASTRUCTURE (IW-CDS-5020-03) AND IRISH WATER'S WATER INFRASTRUCTURE STANDARD DETAILS (IW-CDS-5020-01).
- CONSTRUCTION OF THE WATER SUPPLY SYSTEM SHALL ENSURE REQUIRED SEPARATION DISTANCES AS SPECIFIED IN SECTION 3.5 AND SECTION 3.6 OF IW-CDS-5020-03.
- WATERMANS TO BE HDPE SDR 17 PIPES IN ACCORDANCE WITH SECTION 3.9 OF IW-CDS-5020-03.
- WATER SERVICE CONNECTIONS TO INDIVIDUAL HOUSING UNITS TO BE 20MM NOMINAL BORE IN ACCORDANCE WITH SECTION 3.9 OF IW-CDS-5030-03.

Rev.	Suit.	Description	Drawn	Chk'd	Date
P04	S4	For Planning	JL	PME	16.04.19
P03	S4	For Planning	JL	PME	27.03.19
P02	S4	For Irish Water Review	JL	PME	07.03.19
P01	S4	For Irish Water Review	JL	PME	06.01.19

Client
CAIRN HOMES PROPERTIES LTD.

Client's Representative:



BARRY & PARTNERS
consulting engineers

3 Eastgate Road, Eastgate tel +353 21 475 7800
Business Park, Little Island, web www.jbbarry.ie
Co. Cork, Ireland email cork@jbbarry.ie

Project
**STRATEGIC HOUSING DEVELOPMENT
CASTLETREASURE**

Drawing Title
**PROPOSED WATER SUPPLY LAYOUT
SHEET 4 OF 6**

Drawn by:	JL	Date:	03.01.19
Checked by:	PMcE	Date:	03.01.19
Approved by:	TF	Date:	03.01.19
Internal Project REF:	JBB: 18203		

Scales: **1:500 @ A1**

Stage: **PLANNING**

Drawing No.:	18203-JBB-1C-XX-DR-C-0514	Revision	P04	Suitability Code	S4
--------------	---------------------------	----------	-----	------------------	----