
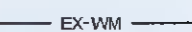


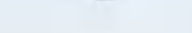
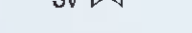



**LEGEND:**

-  PROPOSED 100mm Ø HDPE SDR 17 WATERMAIN
-  EXISTING WATERMAIN
-  PROPOSED HDPE SDR 17 SERVICE CONNECTION
-  PROPOSED FIRE HYDRANT (STD-W-18)
-  PROPOSED SLUICE VALVE (STD-W-15)
-  PROPOSED BULK METER (STD-W-26)
-  PROPOSED HYDRANT COVERAGE AREA

**NOTES**

1. ALL NOTED LEVELS ARE TO ORDNANCE DATUM, MAIN HEAD.
2. REFER TO ARCHITECT'S LAYOUT FOR ALL SET-OUT INFORMATION.
3. REFER TO ARCHITECT / LANDSCAPE ARCHITECT'S DESIGN DRAWINGS FOR DETAILS OF PROPOSED SURFACE FINISHES AND LANDSCAPING.
4. ALL WATER INFRASTRUCTURE IS TO BE INSTALLED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE, THE SITE DEVELOPMENT SPECIFICATION AND TO THE LOCAL AUTHORITY'S SATISFACTION.
5. THE DEPTH OF COVER, FROM THE FINISHED GROUND LEVEL TO THE EXTERNAL CROWN OF THE WATERMAIN SHALL TYPICALLY BE 1200mm, WITH A MINIMUM DEPTH OF 900mm.
6. SERVICE CONNECTIONS SHALL HAVE A DESIRABLE MINIMUM DEPTH OF 750mm.
7. AIR VALVES TO BE PROVIDED AT ALL HIGH POINTS IN NEW WATERMAIN.
8. SCOUR VALVES TO BE LOCATED AT ALL SAG POINTS IN NEW WATERMAIN.
9. MARKER PLATES, IN ACCORDANCE WITH IRISH WATER REQUIREMENTS, TO BE PROVIDED FOR ALL NEW WATERMAIN FITTINGS.
10. ANCHOR/THRUST BLOCKS SHALL BE PROVIDED ON WATER MAINS AT DEAD ENDS, AT TEE JUNCTIONS, AT BENDS OF CURVATURE GREATER THAN 11.25 DEGREES, AT END CAPS, AT BOTH SIDES OF SLUICE VALVE CHAMBERS, AT ANY ABRUPT CHANGE IN VERTICAL OR HORIZONTAL DIRECTION, AND AT ANY LOCATION WHERE WATER PRESSURE IS LIKELY TO DISTURB THE PIPE LINE INSTALLATION OR CAUSE DISPROPORTIONATE MOVEMENT.
11. PLASTIC AND POLYETHYLENE PIPES SHALL BE WRAPPED IN PLASTIC SHEETING HAVING A COMPOSITION IN ACCORDANCE WITH BS 6076 BEFORE BEING CAST AGAINST OR INTO ANCHOR/THRUST BLOCKS.
12. THE CONTRACTOR IS TO VERIFY DEPTH AT PROPOSED CONNECTION TO EXISTING NETWORK, PRIOR TO ANY OTHER WORKS BEING CARRIED OUT, AND MAKE ANY DISCREPANCIES KNOWN TO THE ENGINEER.
13. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMATION OF PRESENCE ALL EXISTING UTILITIES, IF ANY, ALONG ROUTE OF PROPOSED WATERMAIN NETWORK - BY INTRUSIVE INVESTIGATION OR EQUAL.
14. LANDSCAPING LAYOUT FOR INDICATIVE PURPOSES. LANDSCAPING TO BE COORDINATED WITH LANDSCAPE ARCHITECT'S DRAWING.

ALL FLANGED DUCTILE IRON TEE TO BE PROVIDED AT MINOR JUNCTIONS

INDICATIVE 25mm Ø CONNECTION FROM PROPOSED WATER MAIN TO PROPOSED STRUCTURE. LOCATION TO BE COORDINATED WITH ARCHITECTS DETAILS AND M&E LAYOUT

INDICATIVE 25mm Ø CONNECTION FROM PROPOSED WATER MAIN TO PROPOSED STRUCTURE. LOCATION TO BE COORDINATED WITH ARCHITECTS DETAILS AND M&E LAYOUT

PROPOSED HDPE WATERMAIN

PROPOSED BULK METER ARRANGEMENT TO BE PROVIDED ON WATERMAIN IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS (IW-STD-W-26)

PROPOSED CONNECTION TO EXISTING WATERMAIN. CONNECTION TO BE MADE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE

WORKS REQUIRED OUTSIDE OF SITE BOUNDARY

**PLANNING DRAWING.**  
 NOT FOR CONSTRUCTION.  
 ALL LEVELS GIVEN ARE  
 RELATIVE TO ORDNANCE DATUM.  
 THIS DRAWING HAS BEEN ISSUED FOR INFORMATION  
 PURPOSES ONLY AND MUST NOT BE USED  
 FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES

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- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CROMIN AS COP/RIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by
P01	01.06.21	STAGE COMPLETE - SUITABLE FOR PLANNING	DOM	MK

Rev No.	Date	Revision Note	Drn by	Chkd by



Head Office,  
 9 Prussia Street,  
 Dublin 7,  
 D07 KT57

TEL +353 (0)1 8682000

e: [contactus@ocsc.ie](mailto:contactus@ocsc.ie)  
 w: [www.ocsc.ie](http://www.ocsc.ie)

Dublin | London | Belfast | Galway | Cork



Client: HIBERNIA REIC  
 Project: KATHARINE TYNAN HOUSE

Title: PROPOSED WATERMAIN  
 DESIGN LAYOUT

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
H657	OCSC	XX	XX	DR	C	0550	S8	P01

Date: MAY '21 Scale: 1:500 @ A1 Drn by: DOM Chkd by: MK Aprvd by: PH