



1. ALL NOTED LEVELS ARE TO ORDNANCE DATUM, MALIN 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 AD 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 DISTORT 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. AIR VALVE AND HYDRANTS COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY A CONCRETE PLINTH, 200MM ALL ROUND AND 100MM DEEP, FORMED WITH C20/25 CONCRETE, 20MM AGGREGATE SIZE, AND BEDDED IN CLAUSE 804 MATERIAL. THE PLINTH SHALL INCORPORATE MILD STEEL REINFORCEMENT LINKS AND SHALL HAVE A BULL-NOSE FINISH AROUND ITS EXTERNAL PERIMETER. SEE SECTION 3.18 OF WATER CODE OF PRACTICE

**Legend:**

	SITE BOUNDARY (CO. MEATH)
	WORKS WITHIN CO. KILDARE
	WM - 200 - 200mm Ø PROPOSED HDPE SDR17 WATERMAIN
	WM - 150 - 150mm Ø PROPOSED HDPE SDR17 WATERMAIN
	WM - 100 - 100mm Ø PROPOSED HDPE SDR17 WATERMAIN
	25mm Ø PROPOSED HDPE SDR17 SERVICE CONNECTION
	32mm Ø PROPOSED HDPE SDR17 SERVICE CONNECTION
	AREA OF COVERAGE FOR HYDRANT
	ALL FLANGED DUCTILE IRON TEE
	PROPOSED SLUICE VALVE (STD-W-15)
	PROPOSED FIRE HYDRANT (STD-W-18 & STD-W-19)
	PROPOSED AIR-VALVE (STD-W-22)
	PROPOSED SCOUR VALVE (STD-W-30B)
	PROPOSED BOUNDARY BOX (AS IRISH WATER STD-W-03)
	BLANK FLANGE (AS IRISH WATER STD-W-05)
	RADIUS OF 46m FROM THE FIRE HYDRANT
	RADIUS OF 6m FROM THE FIRE HYDRANT

REFER TO DRAWING S665-OCSC-1C-MH-DR-C-0553 FOR CONTINUATION

Moygaddy Castle Public Park

PIPE SIZE TO BE CONFIRMED BY THE M&E

CRECHE

PIPE SIZE TO BE CONFIRMED BY THE M&E

ACCORDANCE WITH STANDARD DETAIL STD-W-05  
BLANK FLANGE TO BE IN ACCORDANCE WITH STANDARD DETAIL STD-W-05

CAPPED 200mmØ HDPE SDR-17 WATERMAIN TO FACILITATE FUTURE DEVELOPMENTS

SPUR FOR FUTURE CONNECTION TO BE IN ACCORDANCE WITH STANDARD DETAIL STD-W-05 "DEAD-END".

**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

- 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 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 CRONIN AS COPYRIGHT 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	15/10/21	SUITABLE FOR INFORMATION	RM	MK
P02	01/12/21	SUITABLE FOR INFORMATION	EH	MK
P03	07/12/21	SUITABLE FOR STAGE APPROVAL	RM	SMH
P04	04.08.22	SUITABLE FOR INFORMATION	EH	MK
P05	15.08.22	SUITABLE FOR INFORMATION	ZB	MK

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 | Birmingham

Client: SKT CASTLE LTD.  
Project: MOYGADDY CASTLE SHD

Title: PROPOSED WATERMAIN LAYOUT  
SHEET 4 OF 4

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
S665-OCSC	1C	XX	DR	C	0554	S4	P05	

Date: OCT'21 Scale: 1:500 @ A1 Drn by: RM Chkd by: MK Aprvd by: AH