

© Copyright
 This drawing and any design here on is the copyright of the Consultants and must not be reproduced without their written consent.
 All drawings remain the property of the Consultants.

- NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS. ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE DESIGNER.
 - ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS.
 - JBBARRY TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.
 - DIMENSIONS OF ALL BOUNDARIES AND ADJOINING ROADS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
 - DO NOT SCALE, ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
 - ALL PROPOSED WATERMAIN PIPEWORK TO BE HDPE WITH MINIMUM PE-80 SDR-17 IN ACCORDANCE WITH SECTION 3.9 OF IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE
 - THE MINIMUM PIPE DIAMETER PROPOSED IS 150mmØ(ID).
 - WATERMAIN TO BE LOCATED IN COMPLIANCE WITH STD-W-12A OF IW STANDARDS, IN RELATION TO PLANTING PROXIMITY.
 - SEPARATION DISTANCES FROM WATERMAIN TO BE IN COMPLIANCE WITH STD-W-11 OF IW STANDARDS.
 - ALL WATERMANS WILL HAVE A MINIMUM COVER OF 900mm. ALL SERVICE PIPES CONNECTING PROPERTIES WILL HAVE MINIMUM COVER OF 750mm.
 - HYDRANTS SHALL BE DOUBLE FLANGED DRILLED TO PN16 AND SHALL COMPLY WITH BS EN 14339, IS EN 1074 PART 6 AND 135 750. REFER TO IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.16.5.
 - SLUICE VALVES HAVE BEEN PROVIDED SO THAT INDIVIDUAL SECTIONS CAN BE ISOLATED & WILL COMPLY TO BS 5163. THE DEPTH OF THE SLUICE VALVE SPINDLE CAP BELOW FINISHED GROUND WILL NOT EXCEED 300mm.
 - AIR VALVE AND HYDRANT COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY CONCRETE PLINTH, 200MM ALL AROUND AND 100MM DEEP, IN COMPLIANCE WITH IW STANDARDS
 - INDIVIDUAL SERVICE CONNECTION TO EACH BUILDING TO BE IN ACCORDANCE WITH STD-W-26 OF IW STANDARDS.
 - ALL WATERMAIN DETAILS TO BE IN ACCORDANCE WITH THE IRISH WATER INFRASTRUCTURE STANDARD DETAILS AND CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
 - 1500 WATERMAIN TO BE AT LEAST 3.0m FROM EDGE OF PROPERTY IN ACCORDANCE WITH SECTION 3.5.9 OF THE IRISH WATER CODE OF PRACTICE
 - HYDRANTS TO BE AT LEAST 6.0m FROM EDGE OF PROPERTY IN ACCORDANCE WITH SECTION 3.5.25 OF THE IRISH WATER CODE OF PRACTICE

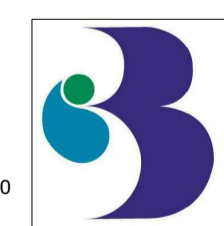


INITIAL ISSUE	LR	15.03.21	P01
Description:	Drawn	Date:	Rev.:
Client:			

DATA AND POWER HUB SERVICES LTD

Project:
GIS SUBSTATION COMPOUND AND TRANSFORMERS / MV SWITCH ROOM COMPOUND AT GRANGE CASTLE

Clients Representative:
J. B. Barry and Partners Limited
 Consulting Engineers



Classon House
 Dundrum Business Park
 Dundrum Road
 Dublin 14
 Tel: +353 1 485 1400
 email: info@jbbarry.ie
 web: www.jbbarry.ie

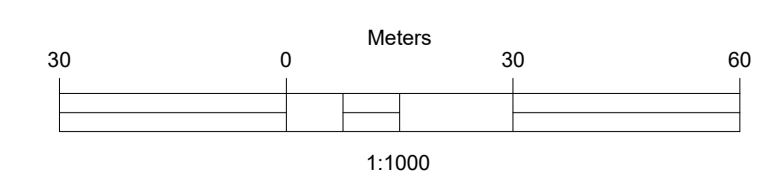
Drawn By:	LR	Date:	JAN 2021
Checked By:	SW	Date:	JAN 2021
Approved By:	GF	Date:	JAN 2021
Internal Project Ref:	19229	Stage:	PLANNING
		Suit:	S3

Drawing Title:

WATERMAIN LAYOUT

Scales: 1:1000 @ A1

Drawing No.: 19229-JBB-00-XX-DR-C-01502
 Rev: P01



BULK METER IN ACCORDANCE WITH SECTION 3.15.4 OF THE IRISH WATER CODE OF PRACTICE. EXACT LOCATION TO BE AGREED WITH IRISH WATER AT CONNECTION STAGE

PROPOSED 2000mm CONNECTION TO EXISTING 7000mm DUCTILE IRON WATERMAIN. EXACT LOCATION AND LEVEL TO BE CONFIRMED PRIOR TO COMMENCEMENT OF DEVELOPMENT

CONNECTION COORDINATES
 E:702260.256
 N:730912.986

SCOUR VALVE TO WASHOUT HYDRANT IN ACCORDANCE WITH STD-W-30A OF IW STANDARDS

WATERMAIN LINE PERMITTED UNDER REF. SD20A/0058

WATERMAIN SPUR LEFT FOR FUTURE CONNECTION PERMITTED UNDER REF. SD20A/0058 (REFER TO IRISH WATER STD-W-05)

ICT FACILITIES SUBJECT TO APPLICATION REF. SD20A/0324

WATERMAIN SPUR LEFT FOR FUTURE CONNECTION UNDER REG. REF. SD20A/0324 (REFER TO IRISH WATER STD-W-05)