



Copyright of this drawing is reserved by JODA Engineering Consultants. This drawing is issued on condition that it is not copied or disclosed by, or to, any person or persons without prior consent in writing from JODA Engineering Consultants. The user of this drawing shall cross-check dimensions shown on this drawing with relevant dimensions shown on other drawings issued by JODA Engineering Consultants and by other design consultants relevant to the project prior to any fabrication or construction on site. All errors, omissions and discovered inconsistencies to be reported to the JODA Engineering Consultants immediately. Drawings show design intent only. Do not scale dimensions from the drawing as the resulting dimension may be incorrect. JODA Engineering Consultants accepts no responsibility for errors made as a result of scaling of any dimension from this drawing.

- NOTES:**
- DRAWING - NOTES**
- This drawing shall be read in conjunction with all relevant drawings and specification.
- NOTES:**
- FIRE HYDRANT OUTLET TO BE MIN. 200mm BELOW FINISHED GROUND LEVEL.
 - ALL 25mm MDPE SERVICE PIPES TO BE FITTED WITH A VALVE AT BRANCH OFF FROM THE PROPOSED MAIN & A STAINLESS STEEL MARKER TAPE INSTALLED OVER THE SERVICE PIPE TO ENABLE FUTURE DETECTION.
 - PROPRIETARY ELECTROMAGNETIC BULK METER CAPABLE OF MEASURING NORMAL FLOW & MINIMUM NIGHT FLOW, TO BE APPROVED BY IRISH WATER.
 - ALL WATER SUPPLY INFRASTRUCTURE TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS & CODES OF PRACTICE DOCUMENTS. THE EDITION OF THE IRISH WATER DOCUMENTS THAT IS CURRENT ON THE REFERENCE DATE INCLUDING ALL AMENDMENTS CURRENT ON THAT DATE SHALL BE THE VERSION OBSERVED BY THE CONTRACTOR. THE REFERENCE DATE SHALL BE TAKEN AS THE DATE OF THE FIRST ISSUE OF THE TENDER/CONSTRUCTION DOCUMENTS.
 - WHERE IRISH WATER DOCUMENTS DO NOT PROVIDE GUIDANCE, CONSTRUCTION SHALL BE IN ACCORDANCE WITH JODA 1968-TCD-2700 SERIES DRAWINGS.
 - FIREWATERMAIN - SHALL BE IN ACCORDANCE WITH IRISH WATERS SPECIFICATION
 - DOMESTIC SUPPLY - 12Ø INDIVIDUAL WATER SUPPLY/METER/STOPCOCK TO EACH UNIT.
 - THRUST BLOCKS TO BE PROVIDED AS PER IRISH WATER STANDARD DRAWING STD-W-28 AT ALL TEES, BEND, TAPERS, DEAD ENDS & PIPES AT STEEP SLOPES.

Water Supply services - Construction
 Water supply services shall be constructed in accordance with the following documents:
 • Irish Water Code of Practice for Water Infrastructure (a design and construction guide for developers)
 • Irish Water Connection and Developer services - Water Infrastructure Standard Details

Water Supply services - legend	
	New water supply pipe
	Existing water supply pipe (dark blue)
	Existing water supply pipe - Remove (dark blue)
	Existing water supply pipe under Irish Water Control - (dark blue)
	Existing water supply pipe under Irish Water Control - Remove (dark blue)
	200mm nominal diameter pipe, ductile iron material, new
	Sluice Valve and chamber, new
	Sluice Valve and chamber, existing
	Air Valve and chamber, new
	Air Valve and chamber, existing
	Hydrant and chamber, new
	Hydrant and chamber, existing
	Washout hydrant, new
	Washout hydrant, existing
	Scour Valve, new
	Scour Valve, existing
	Water Meter and chamber, new
	Water meter and chamber, existing
	Customer connection and boundary box, new
	Customer connection and boundary box, existing
	Existing Watermain to be upgraded to 150mm Diameter

REV	REVISION DETAILS	REV. BY	CHKD.	DATE
P0	ISSUED FOR PLANNING			31.05.21

I = Issued for Information Only; P = Issued for Planning Application Only; F = Issued for Fire Safety Certificate Only; D = Issued for Disabled Access Certificate Only; T = Issued for Tender Only; C = Issued for Construction; BC = Issued for Building Control Regulations Only.

JODA Engineering Consultants
 Civil, Structural, Mechanical & Electrical Engineers
 Ballycurreen House, Ballycurreen, Cork, T12 P4AY, Ireland
 Tel: 021 4544244. Web: www.joda.ie



REDFORGE ROAD, BLACKPOOL	4507-P5
PROPOSED WATERMAIN LAYOUT SHEET 2	1:250 A1
	CHECK SCALE: 50mm @ 1:1