



- 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.
 - JBARRY'S 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.
 - THE DEVELOPMENT SHALL HAVE A BULK WATER METER (EXACT LOCATION TO BE AGREED WITH IRISH WATER) IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE SECTION 3.15.4.
 - EACH HOUSE UNIT SHALL HAVE AN APPROVAL BOUNDARY BOX (REFER TO APPENDIX A OF THE IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE) WITH INTEGRAL STOPCOCK AND SUITABLE FOR THE RECEPTION OF A WATER METER (REFER TO IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.14).
 - ALL PROPOSED WATERMAIN PIPEWORK TO BE HOPE 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 100mm Ø (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 WATERMAINS 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.
 - SLUDGE VALVES HAVE BEEN PROVIDED SO THAT INDIVIDUAL SECTIONS CAN BE ISOLATED & WILL COMPLY TO BS 5163. THE DEPTH OF THE SLUDGE 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 UNIT 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.

WATERMAIN LEGEND:

EXISTING 450mm Ø DN DI CLASS K9 DN16 TRUNK WATERMAIN	
EXISTING 250mm Ø D.I. WATERMAIN	
PROPOSED 100mm Ø (ID) HOPE WATERMAIN (PE-80 SDR-17)	
PROPOSED 150mm Ø (ID) HOPE WATERMAIN (PE-80 SDR-17)	
PROPOSED 200mm Ø (ID) HOPE WATERMAIN (PE-80 SDR-17)	
PROPOSED 250mm Ø (ID) HOPE WATERMAIN (PE-80 SDR-17)	
PROPOSED 025MM SERVICE CONNECTION AND BOUNDARY BOX TO INDIVIDUAL UNITS	
PROPOSED FIRE HYDRANT (Irish Water: STD-W-16)	
PROPOSED SLUDGE VALVE (Irish Water: STD-W-15)	
PROPOSED SCOUR VALVE (Irish Water: STD-W-30A)	
PROPOSED WASHOUT HYDRANT (Irish Water: STD-W-30A)	
PROPOSED AIR VALVE (Irish Water: STD-W-22)	
PROPOSED BULK WATER METER (Irish Water: STD-W-26)	
10 M INDICATIVE WAYLEAVE FOR THE EXISTING 450mm DIA WATERMAIN	

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GENERAL AMENDMENTS	LR	19.11.21	P04
LAYOUT UPDATED & HOUSE CONNECTION	SW	21.10.21	P03
LAYOUT AND LEVELS UPDATED	SW	11.05.21	P02
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Description: Drawn: Date: Rev.:

Client: Quintain Developments Ireland Limited

Project: Portmarnock South Phase 1D

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Drawing Title: WATERMAIN LAYOUT SHEET 3

Scales: 1:500 @ A1

Drawing No.: 21205-JBB-00-XX-DR-C-03003

Rev: P05

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REFER TO DRAWING 21205-JBB-00-XX-DR-C-03005 FOR CONTINUATION

REFER TO DRAWING 21205-JBB-00-XX-DR-C-03002 FOR CONTINUATION

REFER TO DRAWING 21205-JBB-00-XX-DR-C-03004 FOR CONTINUATION