



- NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS. ANY DISCREPANCIES, ERRORS OR OMISSIONS WILL 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 DEVELOPER 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 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 100mm (ØID).
 - WATERMAIN TO BE LOCATED IN COMPLIANCE WITH STD-W-12A OF IRISH STANDARDS, IN RELATION TO PLANTING PROXIMITY.
 - SEPARATION DISTANCES FROM WATERMAIN TO BE IN COMPLIANCE WITH STD-W-11 OF IRISH 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 ISOLATE 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 IRISH STANDARDS.
 - INDIVIDUAL SERVICE CONNECTION TO EACH UNIT TO BE IN ACCORDANCE WITH STD-W-26 OF IRISH 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) HDPE WATERMAIN (PE-80 SDR-17)	-----
PROPOSED 150mm Ø (ID) HDPE WATERMAIN (PE-80 SDR-17)	-----
PROPOSED 200mm Ø (ID) HDPE WATERMAIN (PE-80 SDR-17)	-----
PROPOSED 250mm Ø (ID) HDPE WATERMAIN (PE-80 SDR-17)	-----
PROPOSED 0.25M SERVICE CONNECTION AND BOUNDARY BOX TO INDIVIDUAL UNITS	-----
PROPOSED FIRE HYDRANT (Irish Water: STD-W-16)	OH
PROPOSED SLUICE VALVE (Irish Water: STD-W-15)	SV
PROPOSED SCOUR VALVE (Irish Water: STD-W-30A)	ScV
PROPOSED WASHOUT HYDRANT (Irish Water: STD-W-30A)	WO
PROPOSED AIR VALVE (Irish Water: STD-W-22)	AV
PROPOSED BULK WATER METER (Irish Water: STD-W-26)	Me

LAYOUT UPDATED, ISSUED FOR PLANNING	SW	24.11.21	P05
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:

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Project: Portmarnock South Phase 1D

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Internal Project Ref: 21205 Stage: PLANNING Suit: S3

Drawing Title: WATERMAIN LAYOUT SHEET 5

Scales: 1:500 @ A1
Drawing No.: 21205-JBB-00-XX-DR-C-03005 Rev: P05

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

REFER TO DRAWING 21205-JBB-00-XX-DR-C-03003 FOR CONTINUATION

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