

BY         DRAWING No. & REFERENCE         DATE           RVEY	NO PART OF THIS DRAWING MAY BE REPRODUCED OR TR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATUR	
RCH SHB4-WRF-DR-SHA-AR-P2-0004 12.04.2024	PERMISSION OF MALONE O'REGAN CONSULTING ENGINE	RE WITHOUT THE WRITTEN
	EXCEPT AS AGREED FOR USE ON THE PROJECT FOR ORIGINALLY CREATED.	
	THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL C SPECIFICATIONS AND THE PRELIMINARY HEALTH & SAFETY	,
RISH WATER APPLICABLE DETAILS	ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE.	DO NOT SCALE DIMENSIONS.
(NON-EXHAUSTIVE LIST) WATERMAIN DETAILS - TABLE	THE CONTRACTOR SHALL CHECK ALL DIMENSIONS PRIOR CONSTRUCTION. ALL DISCREPANCIES SHALL BE REP	
4 GENERAL PIPE CONNECTIONS (SHEET 1 OF 7)	WRITING. NOTES	
5 GENERAL PIPE CONNECTIONS (SHEET 2 OF 7)		
	WATERMAIN LEGEND	
6 GENERAL PIPE CONNECTIONS (SHEET 3 OF 7)		
7 GENERAL PIPE CONNECTIONS (SHEET 4 OF 7)	H HYDRANT	
GENERAL PIPE CONNECTIONS (SHEET 5 OF 7)	AIR VALVE SLUICE VALVE	
GENERAL PIPE CONNECTIONS (SHEET 6 OF 7)	WATER METER	
GENERAL PIPE CONNECTIONS (SHEET 7 OF 7)	EXISTING WATERMAIN LINE	
TRENCH BACKFILL & BEDDING & REDUCED COVER TO PROTECTION SLAB DETAIL	<ul><li>EXISTING HYDRANT</li><li>EXISTING WATER METER</li></ul>	
SLUICE VALVE FOR DUCTILE (D.I.) PIPE (<350mm DIA) (SHEET 1	++++++++++++++++++++++++++++++++++++++	EMOVED/DIVERTED
SUJICE VALVE FOR POLYETHYLENE (P.E.) PIPE (<350mm DIA)		]
0 (SHEET 2 OF 2)	WATERMAIN NOTES	
ON-LIN HYDRANT FOR DUCTILE IRON (D.I.) PIPES (SHEET 1 OF 4)	<ol> <li>ALL WORKS TO BE IN ACCORDANCE WITH IRISI PRACTICE DOCUMENT IW-CDS-5020-03 AND I DETAILS IW-CDS-5020-01.</li> </ol>	
OFF-LINE HYDRANT FOR DUCTILE IRON (D.I.) PIPES (SHEET 2 OF 4)	2. ALL WATERMAINS (EXCEPT AS NOTED BELOW) TO BE HDPE (PE-100)	
ON-LINE HYDRANT FOR POLYETHYLENE (P.E.) PIPES (SHEET 3 OF 4)	WITH SDR-17 RATING AND SHALL COMPLY WITH SECTION 3.9 OF IRISH WATER CODE OF PRACTICE.	
OFF-LINE HYDRANT FOR POLYETHYLENE (P.E.) PIPES (SHEET 4 OF 4)	<ol> <li>CONCRETE ANCHOR BLOCKS AT DEAD ENDS, TEES, BOTH SIDES OF SLUICE VALVES AND AT ALL BENDS OVER 22.5".</li> <li>MIN. COVER TO WATERMAIN TO BE 900MM</li> </ol>	
7 MARKER POST/PLATES	<ol> <li>MIN. COVER TO WATERMAIN TO BE 900MM.</li> <li>WATERMAINS TO BE PRESSURE TESTED IN ACCOUNTS.</li> </ol>	
	6. PRIOR TO COMMISSIONING THE WATERMAIN SH	TRUCTURE SECTION 4.10.3
3 WATER MAIN THRUST & SUPPORT BLOCKS	DISINFECTED IN ACCORDANCE WITH IRISH WATE FOR WATER INFRASTRUCTURE.	
	7. SEE MANUFACTURER'S DETAILED INSTRUCTIONS INSTALLATION OF WATER METER.	PRIOR TO THE
IVE	8. CHECK THAT FLOW ARROW DIRECTION IS POIN DIRECTION AS THE FLOW IN THE WATERMAIN.	TING IN THE SAME
	9. DRAW-WIRES TO BE LEFT IN ALL DUCTS.	
	10. DF SPACER AND S.V. TO BE THE SAME Ø AS 11. SEPARATION DISTANCES FROM EXISTING PLANTI	
	IRISH WATER STANDARD DETAIL STD-W-12.	
	SLUICE VALVES AND AT ALL BENDS OVER 22.5 PROVIDED IN ACCORDANCE WITH IRISH WATER STD-W-28 (12-15 BAR TEST PRESSURE)	
13. NO HYDRANTS OR SLUICE VALVES ARE TO BE LOCATED WITHIN TRAFFICKED AREAS		LOCATED WITHIN
	14. SEPARATION DISTANCES FROM OTHER SERVICES TREES, ETC. TO BE IN ACCORDANCE WITH IRIS	
	DETAILS STD-W-11, STD-W-12, STD-W-12A.	IT WATER STANDARD
	4 ISSUED FOR PLANNING 3 SITE LAYOUT REVISED TO SUIT AUDIT	03.07.24 КА ND 19.06.24 КD КА
	3 SITE LAYOUT REVISED TO SUIT AUDIT COMMENTS 2 SITE LAYOUT REVISED TO SUIT LATEST	
	3       SITE LAYOUT REVISED TO SUIT AUDIT COMMENTS         2       SITE LAYOUT REVISED TO SUIT LATEST ARCH LAYOUT AND COMMENTS         1       ISSUED FOR INFORMATION	19.06.24         KD         KA           14.04.24         KD         ND           20.03.24         KD         PB
	3       SITE LAYOUT REVISED TO SUIT AUDIT COMMENTS         2       SITE LAYOUT REVISED TO SUIT LATEST ARCH LAYOUT AND COMMENTS         1       ISSUED FOR INFORMATION         0       ISSUED FOR INFORMATION	19.06.24         KD         KA           14.04.24         KD         ND           20.03.24         KD         PB           19.02.24         KA         PB
	3       SITE LAYOUT REVISED TO SUIT AUDIT COMMENTS         2       SITE LAYOUT REVISED TO SUIT LATEST ARCH LAYOUT AND COMMENTS         1       ISSUED FOR INFORMATION         0       ISSUED FOR INFORMATION         REV       DESCRIPTION	19.06.24         KD         KA           14.04.24         KD         ND           20.03.24         KD         PB
	3       SITE LAYOUT REVISED TO SUIT AUDIT COMMENTS         2       SITE LAYOUT REVISED TO SUIT LATEST ARCH LAYOUT AND COMMENTS         1       ISSUED FOR INFORMATION         0       ISSUED FOR INFORMATION	19.06.24       KD       KA         14.04.24       KD       ND         20.03.24       KD       PB         19.02.24       KA       PB         DATE       BY       CHK
Mhs	3 SITE LAYOUT REVISED TO SUIT AUDIT COMMENTS 2 SITE LAYOUT REVISED TO SUIT LATEST ARCH LAYOUT AND COMMENTS 1 ISSUED FOR INFORMATION 0 ISSUED FOR INFORMATION 0 ISSUED FOR INFORMATION REV DESCRIPTION STATUS P3 - PLANNIN Unit 2B Ric Clonskeagl DUBLIN 14	19.06.24       KD       KA         14.04.24       KD       ND         20.03.24       KD       PB         19.02.24       KA       PB         DATE       BY       CHK         IG       chview Office Park, n,       n,
Mhs	3       SITE LAYOUT REVISED TO SUIT AUDIT         2       SITE LAYOUT REVISED TO SUIT LATEST         ARCH LAYOUT AND COMMENTS         1       ISSUED FOR INFORMATION         0       ISSUED FOR INFORMATION         0       ISSUED FOR INFORMATION         STATUS       P3 - PLANNIN         Unit 2B Ric         Clonskeagl         DUBLIN 14         D14 XT57         T:       +38         MALONE O'REGAN	19.06.24       KD       KA         14.04.24       KD       ND         20.03.24       KD       PB         19.02.24       KA       PB         DATE       BY       CHK         IG       CHK       CHK         53 1 260 2655       Din@morce.ie
Mhs	3       SITE LAYOUT REVISED TO SUIT AUDIT         2       SITE LAYOUT REVISED TO SUIT LATEST         ARCH LAYOUT AND COMMENTS         1       ISSUED FOR INFORMATION         0	19.06.24       KD       KA         14.04.24       KD       ND         20.03.24       KD       PB         19.02.24       KA       PB         DATE       BY       CHK         IG       CHK       CHK         53 1 260 2655       Din@morce.ie         w.maloneoregan.ie       ay@morce.ie
Mhs	3       SITE LAYOUT REVISED TO SUIT AUDIT         2       SITE LAYOUT REVISED TO SUIT LATEST         ARCH LAYOUT AND COMMENTS         1       ISSUED FOR INFORMATION         0	19.06.24       KD       KA         14.04.24       KD       ND         20.03.24       KD       PB         19.02.24       KA       PB         DATE       BY       CHK         IG       CHK       CHK         53 1 260 2655       Din@morce.ie         w.maloneoregan.ie       CHK
Mbs	3       SITE LAYOUT REVISED TO SUIT AUDIT COMMENTS         2       SITE LAYOUT REVISED TO SUIT LATEST ARCH LAYOUT AND COMMENTS         1       ISSUED FOR INFORMATION         0       ISSUED FOR INFORMATION ENGINE BUNDLE 4, DEV         ISSUED FOR INFORMATION ENGLINE FOR INFORMATION	19.06.24       KD       KA         14.04.24       KD       ND         20.03.24       KD       PB         19.02.24       KA       PB         DATE       BY       CHK         IG       CHK       CHK         53 1 260 2655       Solin@morce.ie         w.maloneoregan.ie       ay@morce.ie
Mhs S S	3       SITE LAYOUT REVISED TO SUIT AUDIT COMMENTS         2       SITE LAYOUT REVISED TO SUIT LATEST ARCH LAYOUT AND COMMENTS         1       ISSUED FOR INFORMATION         0       ISSUED FOR INFORM	19.06.24       KD       KA         14.04.24       KD       ND         20.03.24       KD       PB         19.02.24       KA       PB         DATE       BY       CHK         IG       CHK       CHK         53 1 260 2655       Solin@morce.ie         w.maloneoregan.ie       ay@morce.ie
Mhs	3       SITE LAYOUT REVISED TO SUIT AUDIT COMMENTS         2       SITE LAYOUT REVISED TO SUIT LATEST ARCH LAYOUT AND COMMENTS         1       ISSUED FOR INFORMATION         0       ISSUED FOR INFORMATION         0       ISSUED FOR INFORMATION         THE LAYOUT REVISED TO SUIT LATEST ARCH LAYOUT         ISSUED FOR INFORMATION         0       ISSUED FOR INFORMATION         UDESCRIPTION         STATUS         Unit 2B Ric Clonskeagl DUBLIN 14 D14 XT57         MALONE O'REGAN CONSULTING ENGINEERS         MALONE O'REGAN CON SULTING ENGINEERS         Offices also in: GALWAY         GALWAY         VE SOCIAL HOUSING BUNDLE 4, DEN WATERFORD         JOB NAME         SOCIAL HOUSING BUNDLE 4, DEN WELLMOUNT ROAD, FINGLAS         JOB REF         JOB REF	19.06.24       KD       KA         14.04.24       KD       ND         20.03.24       KD       PB         19.02.24       KA       PB         DATE       BY       CHK         DATE       BY       CHK         IG       Solution       Solution         Solution       CHE       Solution         Solution       CHE       Solution         Solution       CHE       CHE
Mhs S R	3 SITE LAYOUT REVISED TO SUIT AUDIT COMMENTS 2 SITE LAYOUT REVISED TO SUIT LATEST ARCH LAYOUT AND COMMENTS 1 ISSUED FOR INFORMATION 0 ISSUED FOR INFORMATION 0 ISSUED FOR INFORMATION REV DESCRIPTION STATUS <b>P3 – PLANNIN</b> Unit 2B Ric Clonskeagl DUBLIN 14 D14 XT57 T: +38 MALONE O'REGAN E: dut CONSULTING ENGINEERS W: ww Offices also in: GALWAY T: +353 91 531 069 E: galway WATERFORD T: +353 51 876 855 E: wate CLIENT DUBLIN CITY COUNCIL JOB NAME SOCIAL HOUSING BUNDLE 4, DEV WELLMOUNT ROAD, FINGLAS	19.06.24       KD       KA         14.04.24       KD       ND         20.03.24       KD       PB         19.02.24       KA       PB         DATE       BY       CHK         IG       Image: Chick of the state of the
Mhs	3       SITE LAYOUT REVISED TO SUIT AUDIT COMMENTS         2       SITE LAYOUT REVISED TO SUIT LATEST ARCH LAYOUT AND COMMENTS         1       ISSUED FOR INFORMATION         0       ISSUED FOR INFORMATION         REV       DESCRIPTION         STATUS       P3 - PLANNIN         Unit 2B Ric Clonskeagi DUBLIN 14 D14 XT57         MALONE O'REGAN       E: dut CON SULTING ENGINEERS         WATERFORD       T: +353 91 531 069       E: galwa W: ww         Offices also in: GALWAY       T: +353 51 876 855       E: wate         CLIENT       DUBLIN CITY COUNCIL         JOB NAME       SOCIAL HOUSING BUNDLE 4, DEV WELLMOUNT ROAD, FINGLAS         DRG. NAME       SALMAIN LAYOUT         JOB REF       SHEET       SCALE         23006       A1       1:250       SEPT'2023	19.06.24       KD       KA         14.04.24       KD       ND         20.03.24       KD       PB         19.02.24       KA       PB         DATE       BY       CHK         IG       Image: CHK in the ima