

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	EXISTING HYDRANTEXISTING WATER METER	
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)	 ALL WORKS TO BE IN ACCORDANCE WITH IRISI PRACTICE DOCUMENT IW-CDS-5020-03 AND I DETAILS IW-CDS-5020-01. 	
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)	 CONCRETE ANCHOR BLOCKS AT DEAD ENDS, TEES, BOTH SIDES OF SLUICE VALVES AND AT ALL BENDS OVER 22.5". MIN. COVER TO WATERMAIN TO BE 900MM 	
7 MARKER POST/PLATES	 MIN. COVER TO WATERMAIN TO BE 900MM. WATERMAINS TO BE PRESSURE TESTED IN ACCOUNTS. 	
	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
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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
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