

IRISH WATER APPLICABLE DETAILS
(NON-EXHAUSTIVE LIST)
WATERMAIN DETAILS - TABLE

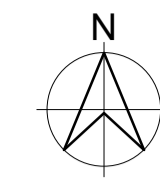
STD-W-04	GENERAL PIPE CONNECTIONS (SHEET 1 OF 7)
STD-W-05	GENERAL PIPE CONNECTIONS (SHEET 2 OF 7)
STD-W-06	GENERAL PIPE CONNECTIONS (SHEET 3 OF 7)
STD-W-07	GENERAL PIPE CONNECTIONS (SHEET 4 OF 7)
STD-W-08	GENERAL PIPE CONNECTIONS (SHEET 5 OF 7)
STD-W-09	GENERAL PIPE CONNECTIONS (SHEET 6 OF 7)
STD-W-10	GENERAL PIPE CONNECTIONS (SHEET 7 OF 7)
STD-W-13	TRENCH BACKFILL & BEDDING & REDUCED COVER TO PROTECTION SLAB DETAIL
STD-W-14	SLUICE VALVE FOR DUCTILE (D.I.) PIPE (<350mm DIA) (SHEET 1 OF 2)
STD-W-15	SLUICE VALVE FOR POLYETHYLENE (P.E.) PIPE (<350mm DIA) (SHEET 2 OF 2)
STD-W-16	ON-LINE HYDRANT FOR DUCTILE IRON (D.I.) PIPES (SHEET 1 OF 4)
STD-W-17	OFF-LINE HYDRANT FOR DUCTILE IRON (D.I.) PIPES (SHEET 2 OF 4)
STD-W-18	ON-LINE HYDRANT FOR POLYETHYLENE (P.E.) PIPES (SHEET 3 OF 4)
STD-W-19	OFF-LINE HYDRANT FOR POLYETHYLENE (P.E.) PIPES (SHEET 4 OF 4)
STD-W-27	MARKER POST/PLATES
STD-W-28	WATER MAIN THRUST & SUPPORT BLOCKS

WATERMAIN LEGEND

	PROPOSED 100mmØ WATERMAIN LINE
	PROPOSED HYDRANT
	PROPOSED AIR VALVE
	PROPOSED SLUICE VALVE
	PROPOSED WATER METER
	PROPOSED THRUST BLOCK
	EXISTING WATERMAIN LINE
	EXISTING HYDRANT
	EXISTING WATER METER
	INDICATES WATERMAINS TO BE REMOVED/DEVERTED
	PERMEABLE PAVING
	SWALE AREA
	RAIN GARDEN AREA

WATERMAIN NOTES

- ALL WORKS TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE DOCUMENT IW-CDS-5020-03 AND IRISH WATER STANDARD DETAILS IW-CDS-5020-01.
- ALL WATERMAINS (EXCEPT AS NOTED BELOW) TO BE HDPE (PE-100) WITH SDR-17 RATING AND SHALL COMPLY WITH SECTION 3.9 OF IRISH WATER CODE OF PRACTICE.
- 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.
- WATERMAINS TO BE PRESSURE TESTED IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 4.10.3.
- PRIOR TO COMMISSIONING THE WATERMAIN SHALL BE SWABBED AND DISINFECTED IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
- SEE MANUFACTURER'S DETAILED INSTRUCTIONS PRIOR TO THE INSTALLATION OF WATER METER.
- CHECK THAT FLOW ARROW DIRECTION IS POINTING IN THE SAME DIRECTION AS THE FLOW IN THE WATERMAIN.
- DRAW-WIRES TO BE LEFT IN ALL DUCTS.
- DF SPACER AND S.V. TO BE THE SAME # AS METER.
- SEPARATION DISTANCES FROM EXISTING PLANTING SHALL COMPLY WITH IRISH WATER STANDARD DETAIL STD-W-12.
- CONCRETE THRUST BLOCKS AT DEAD ENDS, TEES, BOTH SIDES OF SLUICE VALVES AND AT ALL BENDS OVER 22.5°. THRUST BLOCKS TO BE PROVIDED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-28 (12-15 BAR TEST PRESSURE)
- NO HYDRANTS OR SLUICE VALVES ARE TO BE LOCATED WITHIN TRAFFICKED AREAS
- SEPARATION DISTANCES FROM OTHER SERVICES, BOUNDARY WALLS, TREES, ETC. TO BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-11, STD-W-12, STD-W-12A.



NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF MALONE O'REGAN CONSULTING ENGINEERS AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DRAWING WAS ORIGINALLY CREATED.

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, SPECIFICATIONS AND THE PRELIMINARY HEALTH & SAFETY PLAN.

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE. DO NOT SCALE DIMENSIONS.

THE CONTRACTOR SHALL CHECK ALL DIMENSIONS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED TO THIS OFFICE IN WRITING.

NOTES

BY	DRAWING No. & REFERENCE	DATE
SURVEY	JG2860 COLLINS AVE TOPO 280923 20	29.09.2023
ARCH	SHB4-CAD-222-M2-CDA-AR-SITEWORKS	15.04.2024
LS ARCH	SHB4-CAD-DR-MAL-L-PI-0001 REV 0	17.04.2024



3	ISSUED FOR PLANNING	23.07.24	KD	DW
2	RED LINE SITE BOUNDARY REVISED	25.04.24	KD	DW
1	SITE LAYOUT REVISED TO SUIT LATEST ARCH LAYOUT AND COMMENTS	18.04.24	KD	DW
0	ISSUED FOR INFORMATION	22.03.24	KD	PB
REV	DESCRIPTION	DATE	BY	CHK

STATUS: **P3 - PLANNING**

Unit 2B Richview Office Park,
Clonskeagh,
DUBLIN 14
D14 XT57

T: +353 1 260 2655
E: dublin@mor.ie
W: www.maloneoregan.ie

Offices also in:
GALWAY T: +353 91 531 069 E: galway@mor.ie
WATERFORD T: +353 51 876 855 E: waterford@mor.ie

CLIENT: DUBLIN CITY COUNCIL

JOB NAME: SOCIAL HOUSING PPP BUNDLE 4 (SHB4)
COLLINS AVENUE

DRG. NAME: WATERMAIN LAYOUT

JOB REF	SHEET	SCALE	DATE	BY	ENG	APP	REV.
23006	A1	1:500	OCT 2023	KD	PB	PB	3
DRG. NO.: SHB4-CAD-DR-MOR-CS-P3-140							