



BY	DRAWING No. & REFERENCE	DATE
SURVEY		
ARCH	SHB4-WRF-DR-SHA-AR-P3-0004	12.04.2024
LS ARCH	SHB4-WRF-DR-MAL-L-P3-0100_Ver1	21.03.2024

**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-LIN 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

- WATERMAIN LINE
- WATERMAIN DIVERSION LINE
- HYDRANT
- AIR VALVE
- SLUICE VALVE
- WATER METER
- THRUST BLOCK
- EXISTING WATERMAIN LINE
- EXISTING HYDRANT
- EXISTING WATER METER
- INDICATES WATERMANS TO BE REMOVED/DIVERTED

- 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 WATERMANS (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.
 - WATERMANS 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.
 - OF SPACER AND S.V. TO BE THE SAME Ø 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.

4	ISSUED FOR PLANNING	03.07.24	KA	ND
3	SITE LAYOUT REVISED TO SUIT AUDIT	19.06.24	KD	KA
2	SITE LAYOUT REVISED TO SUIT LATEST ARCH LAYOUT AND COMMENTS	14.04.24	KD	ND
1	ISSUED FOR INFORMATION	20.03.24	KD	PB
0	ISSUED FOR INFORMATION	19.02.24	KA	PB

REV	DESCRIPTION	DATE	BY	CHK

STATUS **P3 - PLANNING**

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CLIENT **DUBLIN CITY COUNCIL**

JOB NAME **SOCIAL HOUSING BUNDLE 4, DEVELOPMENT AT WELLMOUNT ROAD, FINGLAS**

ORG. NAME **WATERMAIN LAYOUT**

JOB REF	SHEET	SCALE	DATE	BY	ENG	APP	REV.
23006	A1	1:250	SEPT'2023	KD	PB	PB	4

DRG. NO. **SHB4-WRF-DR-MOR-CS-P3-140**

