

DONT FORGET SAFETY

BY	DRAWING No. & REFERENCE	DATE
SURVEY		30.04.24
ARCHIT	SHB4-CAF-DR-MOR-CS-P1-0008-R03	28.02.24
LS ARCH	SHB4-CAF-DR-MOR-CS-P1-0001-P07	28.02.24

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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

### 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

	PROPOSED WATERMAIN LINE
	PROPOSED HYDRANT
	PROPOSED AIR VALVE
	PROPOSED SLUICE VALVE
	PROPOSED WATER METER
	PROPOSED THRUST BLOCK
	EXISTING WATERMAIN LINE
	EXISTING HYDRANT
	EXISTING WATER METER

- ### 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.
  - DF 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	REVISED AS PER NEW SITE LAYOUT	11.06.24	KA	ND
3	PEDESTRIAN CROSSING REMOVED AND EXIT JUNCTION UPDATED	12.04.24	KD	ND
2	ROAD CROSSING REMOVED AND REDLINE BOUNDARY REVISED AS PER ARCHITECT LATEST LAYOUT	26.03.24	KD	PB
1	REVISED AS PER NEW SITE LAYOUT	28.02.24	KA	PB
0	ISSUED FOR INFORMATION	17.01.24	KD	PB

STATUS

### P3 - PLANNING



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CLIENT  
NDFA

JOB NAME  
CHURCH OF THE ANNUNCIATION

DRG. NAME  
WATERMAIN LAYOUT

JOB REF	SHEET	SCALE	DATE	BY	ENG	APP	REV.
23006	A1	1:200	SEPT'2023	KD	PB	PB	4

DRG. NO.  
SHB4-CAF-DR-MOR-CS-P1-140



DONT SCALE DIMENSIONS