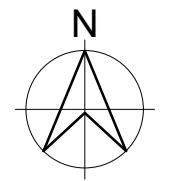


DON'T FORGET SAFETY



BY	DRAWING No. & REFERENCE	DATE
SURVEY	SHB5-BDR-DR-MOR-CS-P3-1002 Rev 1	26.07.2024
ARCH	SHB5-BDR-DR-MOR-CS-P3-1002 Rev 1	26.07.2024
S. Arch	SHB5-BDR-DR-MOR-CS-P3-1002 Rev 1	26.07.2024
S. Arch	SHB5-BDR-DR-MOR-CS-P3-1002 Rev 1	26.07.2024

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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.

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-LIN HYDRANT FOR DUCTILE IRON (D.I.) PIPES (SHEET 2 OF 4)
STD-W-18	ON-LIN HYDRANT FOR POLYETHYLENE (P.E.) PIPES (SHEET 3 OF 4)
STD-W-19	OFF-LIN 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 150mm^Ø WATERMAIN LINE
- PROPOSED 600mm^Ø WATERMAIN DIVERSION LINE
- PROPOSED HYDRANT
- PROPOSED SLUICE VALVE
- PROPOSED THRUST BLOCK
- EXISTING WATERMAIN LINE
- EXISTING HYDRANT
- EXISTING WATER METER
- INDICATES WATERMAINS TO BE REMOVED/DEVERTED

WATERMAIN NOTES

1. 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.
2. 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.
3. CONCRETE ANCHOR BLOCKS AT DEAD ENDS, TEES, BOTH SIDES OF SLUICE VALVES AND AT ALL BENDS OVER 22.5°.
4. MIN. COVER TO WATERMAIN TO BE 900MM.
5. WATERMAINS TO BE PRESSURE TESTED IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 4.10.3
6. PRIOR TO COMMISSIONING THE WATERMAIN SHALL BE SWABBED AND DISINFECTED IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
7. SEE MANUFACTURER'S DETAILED INSTRUCTIONS PRIOR TO THE INSTALLATION OF WATER METER.
8. CHECK THAT FLOW ARROW DIRECTION IS POINTING IN THE SAME DIRECTION AS THE FLOW IN THE WATERMAIN.
9. DRAW-WIRES TO BE LEFT IN ALL DUCTS.
10. DF SPACER AND S.V. TO BE THE SAME # AS METER.
11. SEPARATION DISTANCES FROM EXISTING PLANTING SHALL COMPLY WITH IRISH WATER STANDARD DETAIL STD-W-12.
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)
13. NO HYDRANTS OR SLUICE VALVES ARE TO BE LOCATED WITHIN TRAFFICKED AREAS
14. 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	01.08.24	KA	FM
3	FOOTPATHS AMENDED AND LAYOUT REVISED AS PER COMMENTS	10.04.24	KD	FM
2	REVISED TO SUIT NEW ARCHITECT AND LANDSCAPE SITE LAYOUT	05.03.24	KD	PB
1	REVISED AS PER NEW SITE LAYOUT	22.02.24	KA	PB
0	ISSUED FOR INFORMATION	02.11.23	KD	PB

REV	DESCRIPTION	DATE	BY	CHK

STATUS

P3 - PLANNING

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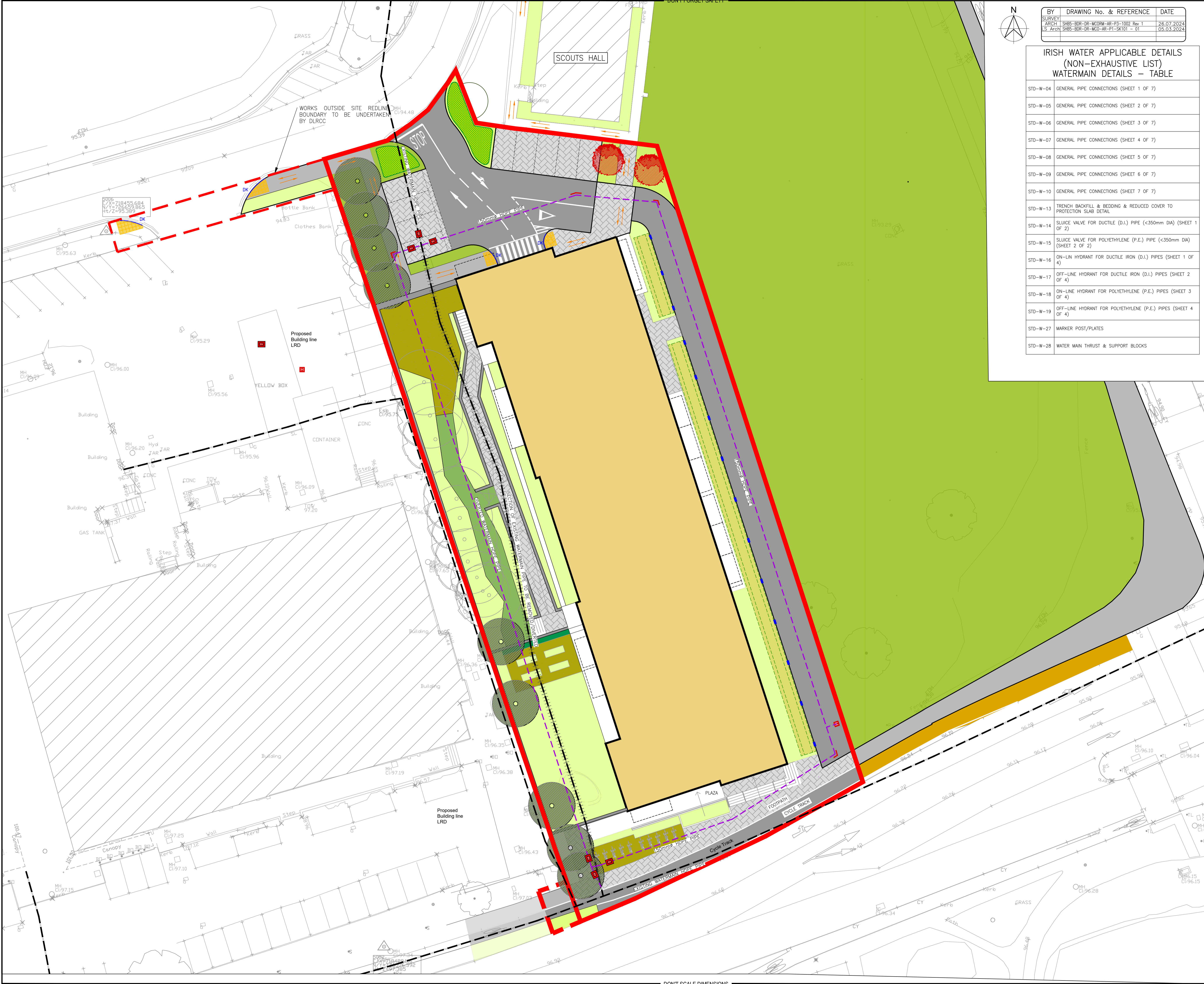
CLIENT
NDA ON BEHALF OF DUN LAOGHAIRE-RATHDOWN COUNTY COUNCIL

JOB NAME
PPP SHB 4&5 - BALALLY

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.
SHB5-BDR-DR-MOR-CS-P3-140



DON'T SCALE DIMENSIONS