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BY	DRAWING No. & REFERENCE	DATE
DRY	SHB5-CGK-DR-MOR-CS-P3-140 Rev 0	15.03.24
REV	SHB5-CGK-DR-MOR-CS-P3-140 Rev 01	28.02.24

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 W-CD-5002-05 AND IRISH WATER STANDARD DETAILS W-CD-5002-01.
 - ALL WATERMANS (EXCEPT AS NOTED BELOW) TO BE HOPE (PE-100) WITH 50%-17 BARS AND SHALL COMPLY WITH SECTION 5.9 OF IRISH WATER CODE OF PRACTICE.
 - CONCRETE THRUST 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 SHRABBED 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 # 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 TRAFFICED 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-13A.

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	FRENCH BACKFILL & REDDING & 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	OH-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	OH-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

5	LANDSCAPE AND ARCHITECT LAYOUTS	17.05.24	RD	DW
4	UPDATED SITE LAYOUT REVISED TO SUIT CHANGES	15.03.24	RD	PB
3	LANDSCAPE ARCHITECT LAYOUT UPDATED	28.02.24	KA	PB
2	ISSUED FOR INFORMATION	06.02.24	JC	PB
1	HYDRANTS AND THRUST BLOCKS ADDED	23.01.24	JC	PB
0	ISSUED FOR INFORMATION	29.11.23	JC	PB

STATUS: **P3 - PLANNING**

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KILDARE COUNTY COUNCIL

JOB NAME: SHB 4&5 - CGK - COOLAGHNOCK GLEBE, KILDARE TOWN
JOB NUMBER: WATERMAIN LAYOUT

JOB NO.	SHEET	SCALE	DATE	BY	ISSD	APP	REV
23006	AD	1:500	SEP2023	RD	PB	DW	5

SHB5-CGK-DR-MOR-CS-P3-140

