

LEGEND

- PROPOSED 63mm OD PE100 WATERMAIN (PRIVATE)
- PROPOSED 125mm OD PE100 WATERMAIN (PRIVATE)
- PROPOSED 180mm OD PE100 WATERMAIN (PRIVATE)
- PROPOSED 225mm OD PE100 WATERMAIN (PRIVATE)
- PROPOSED 280mm OD PE100 WATERMAIN (PRIVATE)
- PROPOSED 225mm OD PE100 WATERMAIN (SLUNG)
- PROPOSED 400mm OD PE100 WATERMAIN
- PROPOSED 450mm OD PE100 WATERMAIN
- EXISTING WATERMAIN TO BE RETAINED
- EXISTING WATERMAIN TO BE REMOVED
- SLUICE VALVES AS PER UÉ STANDARD DETAILS STD-W-14/15
- METER CHAMBER AND FLOW METER KIOSK AS PER UÉ STANDARD DETAIL STD-W-26 / 36
- METER CHAMBER AS PER UÉ STANDARD DETAIL STD-W-26A
- INLINE FLOW METER CHAMBER AS PER UÉ STANDARD DETAIL STD-W-26AG
- TEMPORARY 'DEAD-END' FOR FUTURE EXTENSION AS PER UÉ STANDARD DETAILS STD-W-05 INCLUDING ONLINE HYDRANT AND BLANK FLANGE
- HYDRANT AS PER UÉ STANDARD DETAILS STD-W-16/18
- HYDRANT AS PER UÉ STANDARD DETAILS STD-W-17/19
- WASHOUT HYDRANT AS PER UÉ STANDARD DETAIL STD-W-30A

ON ORIGINAL

0 5 10 15 20 25 30 40 50mm

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NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL.

NOTES:

GENERAL NOTES:

1. ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES.
2. THE CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF EXISTING DRAINAGE LEVELS AND LOCATION OF EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE.
3. ALL DIMENSIONS AND LEVELS ARE IN METERS AND ARE RELATED TO ORDINANCE DATUM. CO-ORDINATES RELATE TO IRISH TSH TRANSVERSE MERCATOR.
4. ALL WATERMAINS VALVES AND FITTINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE IRISH WATER STANDARD DETAILS AND IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
5. ALL WATERMAINS SHALL BE HDPE, PE100, SDR17 TO IS EN 12201 PART 2:2011 AND IS EN 12201-3:2011.
6. CONNECTION BETWEEN EXISTING AND PROPOSED WATERMAINS TO BE CARRIED OUT IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-03 TO STD-W-10.
7. ANCHOR BLOCKS TO BE POSITIONED AT DEAD ENDS, TEES, BENDS AND AT EACH SIDE OF HYDRANTS AND VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF IRISH WATER STANDARD DETAIL STD-W-28 (WATER MAIN THRUST AND SUPPORT BLOCKS.DISMANTLING JOINTS TO BE INSTALLED AT EACH SLUICE VALVE AS PER IRISH WATER STANDARD DETAIL STD-W-15.
8. CONNECTION TO INDIVIDUAL HOUSES IN ACCORDANCE WITH IRISH WATER STD-W-03.
9. INSTALLATION OF SLUICE VALVES, AIR VALVES AND HYDRANTS SHALL BE IN ACCORDANCE WITH IRISH WATER'S STANDARD DETAILS STD-W-14 TO STD-W-23.
10. MARKER POSTS AND PLATES ARE TO BE PROVIDED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-27.
11. CONNECTION TO EXISTING WATERMAINS TO BE COORDINATED BY THE CONTRACTOR WITH IRISH WATER AND/OR THE LOCAL AUTHORITY.
12. CONTRACTOR TO LIASE WITH IRISH WATER AND / OR THE LOCAL AUTHORITY AS REQUIRED REGARDING TESTING, CLEANSING AND STERILISATION OF WATERMAINS
13. WATERMAINS TO BE PRESSURE TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF IRISH WATER AND IGN 4-01-03, GUIDE TO TESTING OF PRESSURE PIPES AND FITTINGS FOR USE BY PUBLIC WATER SUPPLIERS, OCTOBER 2015. A FORMAL TEST REPORT SHALL BE SUBMITTED TO THE ENGINEER DETAILING THE TEST CARRIED OUT.
14. ALL CHAMBERS LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY A CONCRETE PLINTH, 200MM ALL ROUND AND 100MM DEEP, FORMED WITH C20/25 CONCRETE, 20MM AGGREGATE SIZE, AND BEDDED IN CLAUSE 808 MATERIAL. THE PLINTH SHALL INCORPORATE MILD STEEL REINFORCEMENT LINKS AND SHALL HAVE A BULL-NOSE FINISH AROUND ITS EXTERNAL PERIMETER.
15. ALL PLANTING TO TAKE PLACE IN ACCORDANCE WITH STD-W-12 AND STD-W-12A

ORDNANCE SURVEY IRELAND LICENCE
No CYAL50276885
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GOVERNMENT OF IRELAND

rev	date	description	by	chkd.
P02	23/09/2026	STAGE 3 LRD ISSUE	PJC	GPH
P01	18/06/26	STAGE 2 LRD ISSUE	PJC	GPH

client approval: A - Approved; B - Approved with comments; C - Do not use

suitability: S3 - REVIEW & COMMENT
issue purpose: PLANNING

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project ref.
LDA ROYAL LIVER PHASE 2

drawing title
WATERMAIN LAYOUT SHEET 1

client
LAND DEVELOPMENT AGENCY

designed by	author	scale	sheet size
GPH	PV	1:500	A1

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