MATCH LINE

MATCH LINE

CONNECTION TO EXISITING 315mm HDPE PIPE AS PER UÉ STD-W-04

EXTENT OF 9`` ASBESTOS PIPE UPGRADE

DN 350 x 350 DI EQUAL TEE AS PER UÉ STD-W-07

350 X 250 FLAT TAPER ENABLING CONNECTION TO 9`` ASBESTOS WATERMAN AS PER UÉ STD-W-04

350 X 250 FLAT TAPER ENABLING CONNECTION TO 9`` ASBESTOS WATERMAN AS PER UÉ STD-W-04

DN 350 x 350 DI EQUAL TEE AS PER UÉ STD-W-07

PROPOSED UPGRADE OF THE EXISTING 9`` TO A Ø450mm OD PE100 MAIN

RECONNECT EXISTING MAIN AS PER UÉ STD-W-06

EXTERNAL UPGRADE WORKS TO BE FACILITATED AND CONSTRUCTED BY UISCE EIREAN

DN 350 x 350 DI EQUAL TEE AS PER UÉ STD-W-07

350 X 250 FLAT TAPER ENABLING CONNECTION TO 9`` ASBESTOS WATERMAN AS PER UÉ STD-W-04

DN400 X 350 DI FLAT TAPER PROPOSED AS PER UÉ STD-W-05

CONNECTION TO EXISTING 12`` ASBESTOS PIPE AS PER UÉ STD-W-05

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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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 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
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GOVERNMENT OF IRELAND

rev	date	description	by	chkd.
P02	23/09/2026	STAGE 2 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: S4 - STAGE APPROVAL

issue purpose: PLANNING

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project ref.: LDA ROYAL LIVER PHASE 2

drawing title: WATERMAIN LAYOUT SHEET 2

client: LAND DEVELOPMENT AGENCY

designed by	author	scale	sheet size
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