



LEGEND:

- REDLINE BOUNDARY
- EXISTING WATERMAIN
- EXISTING WATERMAIN TO BE MADE REDUNDANT
- PROPOSED WATERMAIN TO SERVE DEVELOPMENT TO UISCE EIREANN CODE OF PRACTICE
- PROPOSED WATERMAIN DIVERSION TO UISCE EIREANN CODE OF PRACTICE
- PROPOSED SLUICE VALVE
- PROPOSED HYDRANT
- PROPOSED METER
- PROPOSED MANIFOLD CHAMBER
- PROPOSED BOUNDARY BOX CHAMBER
- PROPOSED AIR VALVE
- PROPOSED SCOUR VALVE
- PROPOSED GROUND LEVEL

- NOTES:**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING SERVICES REPORT.
 - ALL WATERMAINS TO BE CONSTRUCTED IN ACCORDANCE WITH UISCE EIREANN CODE OF PRACTICE AND STANDARD DETAILS.
 - HYDRANTS TO BE CONSTRUCTED IN ACCORDANCE WITH UISCE EIREANN DETAILS STD-W-18 AND STD-W-19.
 - SLUICE VALVES TO BE CONSTRUCTED IN ACCORDANCE WITH UISCE EIREANN DETAIL STD-W-15.
 - PIPE BEDDING AND BACKFILL TO BE CONSTRUCTED IN ACCORDANCE WITH UISCE EIREANN DETAIL STD-W-13.
 - MARKER POSTS TO BE CONSTRUCTED IN ACCORDANCE WITH UISCE EIREANN DETAIL STD-W-27.
 - THRUST BLOCKS TO BE CONSTRUCTED IN ACCORDANCE WITH UISCE EIREANN DETAIL STD-W-28.
 - WATERMAIN PIPE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 3.9 OF UISCE EIREANN WATER SUPPLY CODE OF PRACTICE.
 - ALL HYDRANT COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY A CONCRETE PLINTH, 200mm ALL ROUND AND 100mm DEEP FORMED WITH C20/25 CONCRETE, IN ACCORDANCE WITH SECTION 3.18 OF UISCE EIREANN WATER SUPPLY CODE OF PRACTICE.
 - AIR VALVES TO BE CONSTRUCTED IN ACCORDANCE WITH UISCE EIREANN DETAIL STD-W-22.
 - SCOUR VALVES TO BE CONSTRUCTED IN ACCORDANCE WITH UISCE EIREANN DETAIL STD-W-30B.
 - ISOLATION DEVICE SHALL BE PROVIDED USING A CONNECTION VIA AN UNRESTRICTED AIR-GAP (AA TYPE DEVICE, IS EN 1717) TO PREVENT BACKFLOW FROM THE INTERNAL WATER DISTRIBUTION SYSTEM TO UISCE EIREANN'S NETWORK TO PREVENT THE RISK OF BACKFLOW CONTAMINATION.

PLAN LAYOUT
SCALE 1:400@A1

No.	Revision	Date	By	Chkd	App'd
P01	ISSUED FOR REVIEW & COMMENT	16/08/2024	CMG	CMG	EOC
P02	SITE LAYOUT AND REDLINE BOUNDARY UPDATED	10/10/2024	CMG	CMG	EOC
P03	ISSUED TO UISCE EIREANN	06/02/2025	MA	CMG	EOC
P04	HYDRANT LOCATION UPDATED	25/02/2025	MA	CMG	EOC
P05	ISSUED FOR PLANNING	07/03/2025	MA	CMG	EOC



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Drawn	Designed	Checked	Approved	Suitability Code - Description
MA	CMG	EOC	EOC	S4 - Stage Approval

Project Stage	PLANNING
Project Title	PROPOSED RESIDENTIAL DEVELOPMENT, PARKMORE INDUSTRIAL ESTATE
Drawing Title	Proposed Water Supply Layout
Drawing Number	Project Originator Volume Location Type Role Number PIE - ROD - HUT - SW_AE - DR - CU - 30001
Scale (A1)	1:400
Date	JUNE 2024
Job No.	23.111
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