

GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING SERVICES REPORT.
- ALL DIMENSIONS AND LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
- 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.
- 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 (WHERE REQUIRED) TO BE CONSTRUCTED IN ACCORDANCE WITH UISCE EIREANN DETAIL STD-W-22 AND STD-W-23.
- SCOUR CHAMBERS (WHERE REQUIRED) TO BE CONSTRUCTED IN ACCORDANCE WITH UISCE EIREANN DETAIL STD-W-30B. THE SCOUR CHAMBER IS TO BE PROVIDED WITH A NON-RETURN VALVE TO PREVENT BACKFLOW TO THE WATER SUPPLY NETWORK SYSTEM, AND IS TO BE AGREED WITH THE LOCAL AUTHORITY. A SCOUR VALVE TO A WASHOUT HYDRANT IN ACCORDANCE WITH STANDARD DETAIL STD-W-30A IS ALSO ACCEPTABLE. SCOUR VALVES TO CONNECT TO NEAREST SURFACE WATER MANHOLE.
- WHERE A 25mm SERVICE CONNECTION EXCEEDS 15m IN LENGTH, THE SERVICE CONNECTION SHALL BE 32mm WHERE A DISTANCE OF 30m OR LESS CAN BE ACHIEVED.
- SERVICE CONNECTIONS TO APARTMENT BLOCKS SHOULD BE 100mm DIAMETER.
- ROOT BARRIERS (RE-ROOT 1000 BY GREENLEAF OR EQUIVALENT) ARE TO BE INSTALLED WHERE EXISTING OR PROPOSED SERVICES ARE ADJACENT TO A TREE PIT.
- ALL TREES, SHRUBS AND HEDGES TO HAVE APPROPRIATE ROOT BARRIER PROTECTION AS PER STD-W-12A FROM IRISH WATER STANDARD WATERMAIN DETAILS.

This drawing should not be scaled. Dimensions to be verified on site. Any discrepancies should be referred to the Engineer prior to work being put in hand.

GENERAL NOTES

LEGEND

- SITE RED LINE BOUNDARY
- PROPOSED EASTERN RING ROAD WATER SUPPLY NETWORK
- PROPOSED 150mm HDPE WATERMAIN
- PROPOSED WATER METER, FIRE HYDRANTS AND SLUICE VALVE
- 25mm SDR 17 PE80 PRIVATE CONNECTIONS WITH PROPOSED BOUNDARY BOXES (to STD-W-03)
- PROPOSED AIR VALVE AND SCOUR VALVE
- PROPOSED LEVELS

LEGEND

- DENOTES ASPHALT TO ACCESS ROAD
- DENOTES PERMEABLE PAVING TO DRIVEWAYS
- DENOTES CONCRETE FOOTPATHS
- DENOTES CYCLE PATH
- DENOTES LANDSCAPE - PUBLIC OPEN SPACE
- DENOTES LANDSCAPE - PRIVATE GARDENS
- DENOTES PROPOSED DWELLINGS / DUPLEXES

PL3	06.12.25	LRD Application	HvdW	DOS
PL2	27.11.2025	STAGE 3 LRD PLANNING ISSUE	HvdW	DOS
PL1	14.11.2025	STAGE 3 LRD PLANNING ISSUE	HvdW	DOS
Status	Date	Description	By	CHK
Amendments				

Project: RESIDENTIAL DEVELOPMENT AT RAILPARK WEST MAYNOOTH MONTANE

Title: WATERMAIN LAYOUT

Client: MAYNOOTH MONTANE LTD

KAVANAGH & BURKE
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Issue: LRD APPLICATION

Designed By	Checked By	KB Ref.	D1824
HVDW	DOS		
Drawn By	Date	Scales @ A1	1:500
HVDW	October 2025		

Project	Originator	Volume	Level	Type	Role	Number	Revision
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