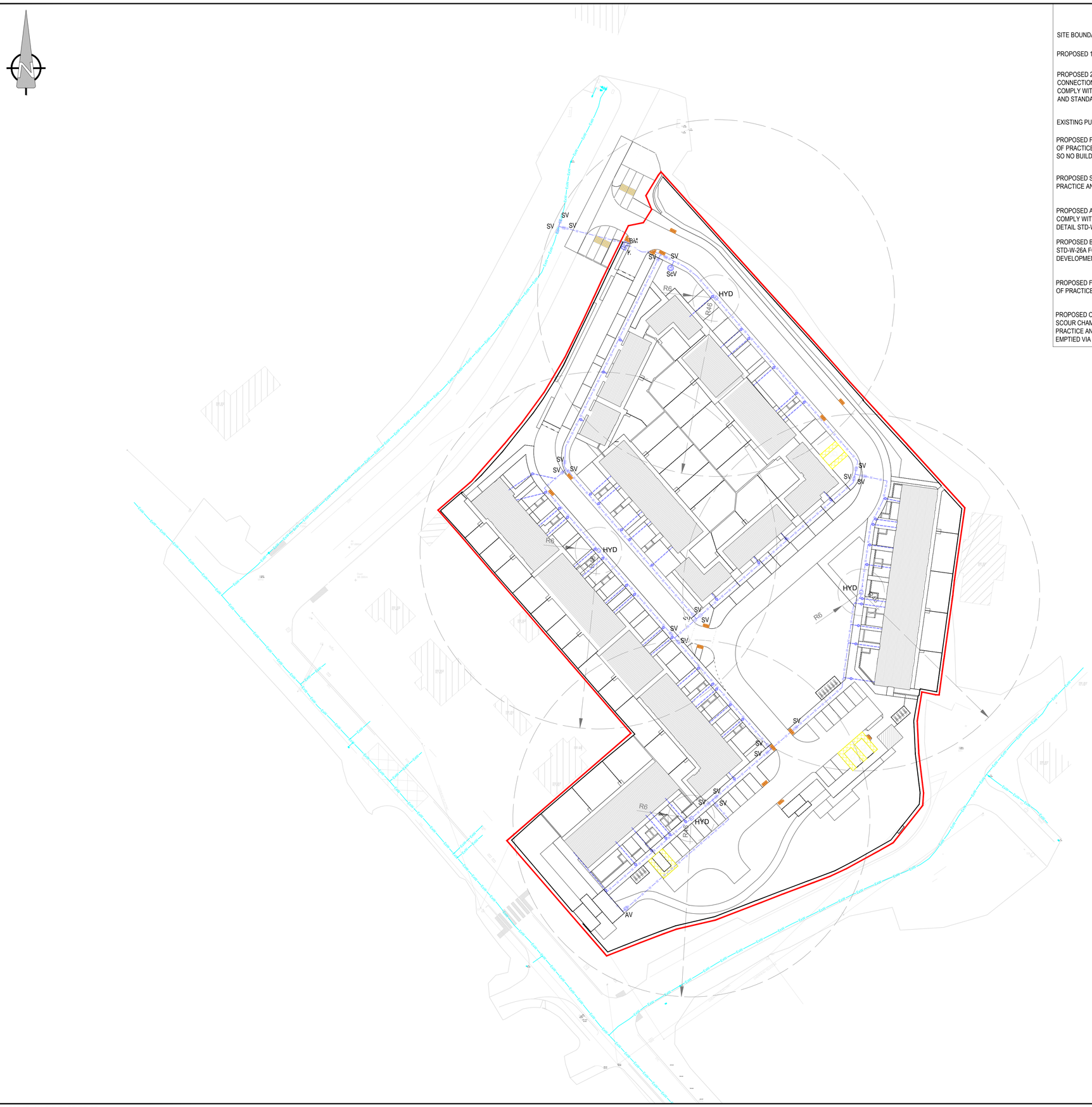

LEGEND

SITE BOUNDARY

PROPOSED 100mm Ø HDPE POTABLE WATERMAIN

PROPOSED 20mm (INTERNAL) Ø PE WATER SUPPLY CONNECTION PIPELINES AND BOUNDARY BOXES TO COMPLY WITH UISCE EIREANN'S CODE OF PRACTICE AND STANDARD DETAIL STD-W-03

EXISTING PUBLIC WATERMAIN

PROPOSED FIRE HYDRANT TO COMPLY WITH IRISH WATER'S CODE OF PRACTICE AND STANDARD DETAIL STD-W-18 AND POSITIONED SO NO BUILDING IS MORE THAN 46m FROM A HYDRANT — HYD

PROPOSED SLUICE VALVE TO COMPLY WITH IRISH WATER'S CODE OF PRACTICE AND STANDARD DETAIL STD-W-15 — SV

PROPOSED AIR VALVE AT HIGH POINTS TO COMPLY WITH IRISH WATER'S CODE OF PRACTICE AND STANDARD DETAIL STD-W-22 — AV

PROPOSED BULK WATER METER TO IRISH WATER STANDARD DETAIL STD-W-26A FOR FLOW METER CHAMBER DETAILS. (FOR DEVELOPMENTS WITH >20m³/DAY WATER USE — BM

PROPOSED FLOW METER KIOSK TO COMPLY WITH IRISH WATERS CODE OF PRACTICE AND STANDARD DETAIL STD-W-36. — K

PROPOSED OFFLINE SCOUR VALVE AT LOW POINT TO DISCHARGE TO SCOUR CHAMBER TO COMPLY WITH UISCE EIREANN'S CODE OF PRACTICE AND STANDARD DETAIL STD-W-30. SCOUR CHAMBER TO BE EMPTIED VIA SUCTION TANKER FROM ABOVE. — SCV

FOR PLANNING

REV	DESCRIPTION	BY	DATE
P01	FOR COSTING	IO	27.02.26
P02	FOR COSTING	IO	18.03.26
P03	PART 8 PLANNING	ED	19.06.26
P04	PART 8 PLANNING	IO	06.07.26
P05	PART 8 PLANNING	AL	15.07.26

NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS, ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE DESIGNER.
2. ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS.
3. MEINHARDT TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.
4. DIMENSIONS OF ALL BOUNDARIES AND ADJOINING ROADS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
5. DO NOT SCALE, ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
6. THE DEVELOPMENT SHALL HAVE A BULK WATER METER (EXACT LOCATION TO BE AGREED UISCE EIREANN WATER) IN ACCORDANCE WITH UISCE EIREANN CODE OF PRACTICE SECTION 3.15.4.
7. ALL PROPOSED WATERMAIN PIPEWORK TO BE HDPE WITH MINIMUM PE80 RATING IN ACCORDANCE WITH UISCE EIREANN CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
8. THE MINIMUM PIPE DIAMETER PROPOSED IS 100mm.
9. ALL WATERMAINS WILL HAVE A MINIMUM COVER OF 900mm. ALL SERVICE PIPES CONNECTING PROPERTIES WILL HAVE MINIMUM COVER OF 750mm.
10. HYDRANTS SHALL BE DOUBLE FLANGED DRILLED TO PN16 AND SHALL COMPLY WITH BS EN 14339, IS EN 1074 PART 6 AND 135 750. REFER TO IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.16.5.
11. SLUICE VALVES HAVE BEEN PROVIDED SO THAT INDIVIDUAL SECTIONS CAN BE ISOLATED & WILL COMPLY TO BS 5163. THE DEPTH OF THE SLUICE VALVE SPINDLE CAP BELOW FINISHED GROUND WILL NOT EXCEED 300mm.
12. ALL WATERMAIN DETAILS TO BE IN ACCORDANCE WITH THE IRISH WATER INFRASTRUCTURE STANDARD DETAILS AND CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
13. EXISTING SERVICES SHOWN ON DRAWINGS ARE BASED ON PUBLIC RECORDS AVAILABLE AT THE DATE OF THIS PLANNING APPLICATION. RECORDS COULD BE INACCURATE, THEREFORE SHOULD BE VERIFIED VIA GPR AND MANHOLE SURVEY.
14. DISTANCES BETWEEN HYDRANTS AND BUILDINGS IN METRES. HYDRANTS MUST BE AT LEAST 6 METRES AWAY FROM ANY BUILDING AS PER IW GUIDELINES.
15. THE BULK FLOW METER SHALL BE SUPPLIED WITH A TELEMETRY SYSTEM. TO UISCE EIREANN CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.15.14.
16. EACH HOUSE UNIT SHALL HAVE AN APPROVAL BOUNDARY BOX (REFER TO APPENDIX A OF THE UISCE EIREANN CODE OF PRACTICE FOR WATER INFRASTRUCTURE) WITH INTEGRAL STOPCOCK AND SUITABLE FOR THE RECEPTION OF A WATER METER (REFER TO UISCE EIREANN CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.15.2.
17. THE BOUNDARY BOX AND METER SHALL BE POSITIONED IN THE PUBLIC SPACE AND CLOSE AS POSSIBLE TO THE PROPERTY BOUNDARY, BUT NO PART OR FITTING TO BE WITHIN 225mm OF THE PROPERTY LINE IN ACCORDANCE WITH THE BUILDING CONTROL AUTHORITY'S REQUIREMENTS AND SUBJECT TO REVIEW BY UISCE EIREANN AS PER UISCE EIREANN CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.15.2.
18. DOMESTIC METERS TO BE IN ACCORDANCE WITH UISCE EIREANN STANDARD DETAIL STD-W-03 AND SECTION 3. 15.2 OF THE UISCE EIREANN CODE OF PRACTICE.

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PROJECT
NEW RESIDENTIAL DEVELOPMENT
HARBOUR ROAD
MULLINGAR, Co. WESTMEATH.

CLIENT
WESTMEATH COUNTY COUNCIL

TITLE
PROPOSED WATERMAIN LAYOUT

DISCIPLINE			SCALE
CIVIL			1:500
DRAWN	DESIGNED	CHECKED	APPROVED
IO	AM	AL	AL
DRAWING No			ISSUE
26019-MHT-XX-ZZ-DR-C-2700			P05

DATE: 07/07/2026
FILE LOCATION: J:\PROJECTS\26019 - HARBOUR ROAD, MULLINGAR\1. MHTBIM\101 - CIVIL\01 - WIP\02 - SHEETS\26019-MHT-XX-ZZ-DR-C-2700.DWG

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