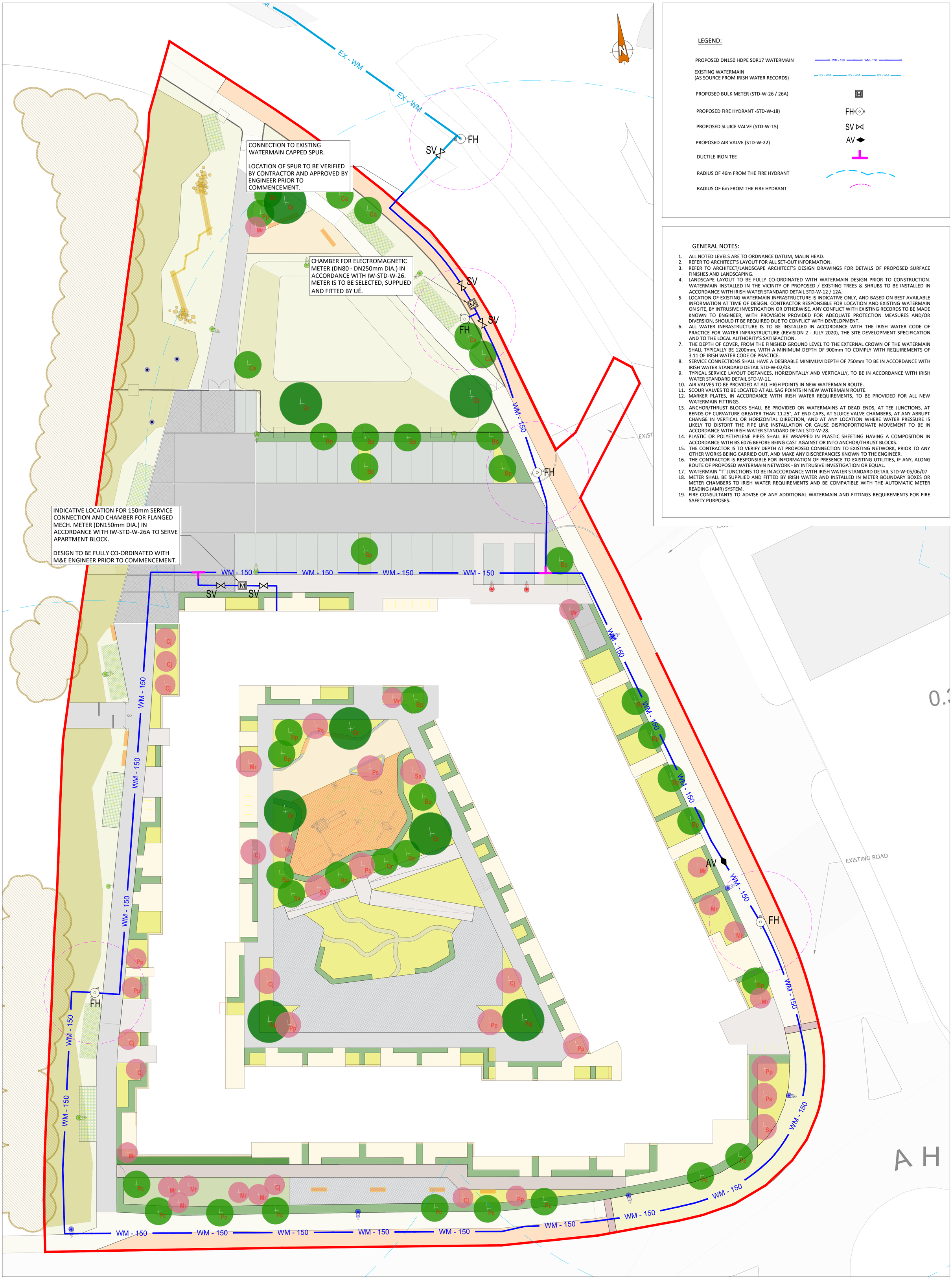

LEGEND:

PROPOSED DN150 HDPE SDR17 WATERMAIN	WM - 150
EXISTING WATERMAIN (AS SOURCE FROM IRISH WATER RECORDS)	EX - WM
PROPOSED BULK METER (STD-W-26 / 26A)	M
PROPOSED FIRE HYDRANT -STD-W-18)	FH
PROPOSED SLUICE VALVE (STD-W-15)	SV
PROPOSED AIR VALVE (STD-W-22)	AV
DUCTILE IRON TEE	
RADIUS OF 46m FROM THE FIRE HYDRANT	
RADIUS OF 6m FROM THE FIRE HYDRANT	

GENERAL NOTES:

1. ALL NOTED LEVELS ARE TO ORDNANCE DATUM, MALIN HEAD.
2. REFER TO ARCHITECT'S LAYOUT FOR ALL SET-OUT INFORMATION.
3. REFER TO ARCHITECT/LANDSCAPE ARCHITECT'S DESIGN DRAWINGS FOR DETAILS OF PROPOSED SURFACE FINISHES AND LANDSCAPING.
4. LANDSCAPE LAYOUT TO BE FULLY CO-ORDINATED WITH WATERMAIN DESIGN PRIOR TO CONSTRUCTION. WATERMAIN INSTALLED IN THE VICINITY OF PROPOSED / EXISTING TREES & SHRUBS TO BE INSTALLED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-12 / 12A.
5. LOCATION OF EXISTING WATERMAIN INFRASTRUCTURE IS INDICATIVE ONLY, AND BASED ON BEST AVAILABLE INFORMATION AT TIME OF DESIGN. CONTRACTOR RESPONSIBLE FOR LOCATION AND EXISTING WATERMAIN ON SITE, BY INTRUSIVE INVESTIGATION OR OTHERWISE. ANY CONFLICT WITH EXISTING RECORDS TO BE MADE KNOWN TO ENGINEER, WITH PROVISION PROVIDED FOR ADEQUATE PROTECTION MEASURES AND/OR DIVERSION, SHOULD IT BE REQUIRED DUE TO CONFLICT WITH DEVELOPMENT.
6. ALL WATER INFRASTRUCTURE IS TO BE INSTALLED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE (REVISION 2 - JULY 2020), THE SITE DEVELOPMENT SPECIFICATION AND TO THE LOCAL AUTHORITY'S SATISFACTION.
7. THE DEPTH OF COVER, FROM THE FINISHED GROUND LEVEL TO THE EXTERNAL CROWN OF THE WATERMAIN SHALL TYPICALLY BE 1200mm, WITH A MINIMUM DEPTH OF 900mm TO COMPLY WITH REQUIREMENTS OF 3.11 OF IRISH WATER CODE OF PRACTICE.
8. SERVICE CONNECTIONS SHALL HAVE A DESIRABLE MINIMUM DEPTH OF 750mm TO BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-02/03.
9. TYPICAL SERVICE LAYOUT DISTANCES, HORIZONTALLY AND VERTICALLY, TO BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-11.
10. AIR VALVES TO BE PROVIDED AT ALL HIGH POINTS IN NEW WATERMAIN ROUTE.
11. SCOUR VALVES TO BE LOCATED AT ALL SAG POINTS IN NEW WATERMAIN ROUTE.
12. MARKER PLATES, IN ACCORDANCE WITH IRISH WATER REQUIREMENTS, TO BE PROVIDED FOR ALL NEW WATERMAIN FITTINGS.
13. ANCHOR/THRUST BLOCKS SHALL BE PROVIDED ON WATERMAINS AT DEAD ENDS, AT TEE JUNCTIONS, AT BENDS OF CURVATURE GREATER THAN 11.25°, AT END CAPS, AT SLUICE VALVE CHAMBERS, AT ANY ABRUPT CHANGE IN VERTICAL OR HORIZONTAL DIRECTION, AND AT ANY LOCATION WHERE WATER PRESSURE IS LIKELY TO DISTORT THE PIPE LINE INSTALLATION OR CAUSE DISPROPORTIONATE MOVEMENT TO BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-28.
14. PLASTIC OR POLYETHYLENE PIPES SHALL BE WRAPPED IN PLASTIC SHEETING HAVING A COMPOSITION IN ACCORDANCE WITH BS 6076 BEFORE BEING CAST AGAINST OR INTO ANCHOR/THRUST BLOCKS.
15. THE CONTRACTOR IS TO VERIFY DEPTH AT PROPOSED CONNECTION TO EXISTING NETWORK, PRIOR TO ANY OTHER WORKS BEING CARRIED OUT, AND MAKE ANY DISCREPANCIES KNOWN TO THE ENGINEER.
16. THE CONTRACTOR IS RESPONSIBLE FOR INFORMATION OF PRESENCE TO EXISTING UTILITIES, IF ANY, ALONG ROUTE OF PROPOSED WATERMAIN NETWORK - BY INTRUSIVE INVESTIGATION OR EQUAL.
17. WATERMAIN "T" JUNCTIONS TO BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-05/06/07.
18. METER SHALL BE SUPPLIED AND FITTED BY IRISH WATER AND INSTALLED IN METER BOUNDARY BOXES OR METER CHAMBERS TO IRISH WATER REQUIREMENTS AND BE COMPATIBLE WITH THE AUTOMATIC METER READING (AMR) SYSTEM.
19. FIRE CONSULTANTS TO ADVISE OF ANY ADDITIONAL WATERMAIN AND FITTINGS REQUIREMENTS FOR FIRE SAFETY PURPOSES.

Rev No.	Date	Revision Note	Drn by	Chkd by
P01	22.01.24	SUITABLE FOR INFORMATION	COR	PR
P02	29.02.24	SUITABLE FOR INFORMATION	MF	COR
P03	19.03.24	DRAFT PLANNING - ARCH LAYOUT UPDATED	RM	PR
P04	13.08.24	SUITABLE FOR PLANNING	COR	CO'M
P05	16.09.24	ADDITIONAL NOTES INCLUDED	COR	COR
P06	18.09.24	SERVICE CONNECTION ADDED AS PER UÉ COMMENTS	COR	COR
P07	23.09.24	FOR PLANNING - ARCH LAYOUT UPDATED	RM	COM

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Client: BARTRA PROPCO 23 LIMITED
Project: MOUNTGORRY LRD
SWORDS
Title: PROPOSED WATERMAIN LAYOUT

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
B1054	OCSC	XX	XX	DR	C	0550	S4	P07

Date:JAN'24 Scale @ A1:1:200 Drn by:COR Chkd by:PR Aprvd by:PR