CONNECTION POINT OF PROPOSED DEVELOPMENT

PROPOSED WATER METER CHAMBER (STD-W-26)

46m HYDRANT RADIUS

CONTOURS DENOTE EXISTING GROUND LEVELS!!

THE CONTRACTOR IS TO INCLUDE FOR THE EMPLOYMENT OF A CHARTERED ENGINEER WITH PI INSURANCE TO 6.5M TO WITNESS THE INSTALLATION OF ALL AIR TESTS AND OTHER IRISH WATER QA AS REQUIRED UNDER THE IRISH WATER QUALITY ASSURANCE (QA) FIELD INSPECTION REQUIREMENTS MANUAL , AS PER CURRENT VERSION ON IRISH WATERS WEBSITE. IT IS A REQUIREMENT OF THE MAIN CONTRACTOR TO AGREE THE REQUIRED QA WITH THE IW FIELD INSPECTORS, RETAIN ALL THE QA DOCUMENTS ON SITE AND REPAIR ANY DEFECTS. THE MAIN CONTRACTORS CHARTERED ENGINEERS AND THE MAIN CONTRACTOR ARE RESPONSIBLE FOR AGREEING ON SITE CONFORMANCE WITH IW PRIOR TO HAND OVER OF THE WORKS TO IW. THE PRICE FOR ALL THE ABOVE IS TO BE INCLUDED IN THE MAIN CONTRACTORS TENDER SUM.

NOTE
LOCATION OF EXISTING SERVICES IS INDICATIVE ONLY AND SHOULD BE USED FOR INFORMATION PURPOSES ONLY.
ALL EXISTING LEVELS TO BE CHECKED ON SITE & CONFIRMED WITH ENGINEER BEFORE COMMENCEMENT OF WORKS.

CROCON GRADING PLAN TO BE REVIEWED IN CONJUNCTION WITH THE PROPOSED DRAINAGE SYSTEM AND MANUFACTURER TO CONFIRM ACCEPTANCE OF SAME PRIOR TO INSTALLATION OF SYSTEM

NOTE:
THRUST BLOCKS REMOVED FOR CLARITY.
ALLOW FOR THRUST BLOCKS IN ACCORDANCE WITH IRISH WATER REQUIREMENTS AS SPECIFIED IN WASTEWATER INFRASTRUCTURE STANDARD DETAILS - DOCUMENT NO. IW-CDS-5020 01.

CONSTRUCTION REQUIREMENTS:

FOR WATERMAIN DETAILS PLEASE REFER TO IRISH WATER

DOCUMENTATION WASTEWATER INFRASTRUCTURE

STANDARD DETAILS - DOCUMENT NO. IW-CDS-5020-01.

ALL SLUICE VALVES, WATERMETERS, BOUNDARY BOXES AND HYDRANTS TO BE IN ACCORDANCE WITH IRISH WATER REQUIREMENTS AS SPECIFIED IN WASTEWATER INFRASTRUCTURE STANDARD DETAILS - DOCUMENT NO. IW-CDS-502001.

ALLOW FOR THRUST BLOCKS IN ACCORDANCE WITH IRISH WATER REQUIREMENTS AS SPECIFIED IN WASTEWATER INFRASTRUCTURE STANDARD DETAILS - DOCUMENT NO. IW-CDS-5020 01.

IRISH WATER STANDARD DETAILS AND CODE OF PRACTICE

ALL SITE WATER SERVICES TO BE IN ACCORDANCE WITH CURRENT IRISH WATER INFRASTRUCTURE STANDARD DETAILS REFER TO IRISH WATER STANDARD DETAILS DOCUMENT No. I.W.-CDS-5020-01

INFRASTRUCTURE STANDARD DETAILS. REFER TO IRISH WATER STANDARD DETAILS DOCUMENT NO. I.W.-CDS-5020-01-
-STD-W-02 - LAYOUT DETAILS
-STD-W-03 - HOUSE CONNECTION AND BOUNDARY BOX
-STD-W-04 TO10 - PIPE CONNECTIONS
-STD-W-11 - SERVICES LAYOUT
-STD-W-13 - TRENCH BACKFILLING AN BEDDING
-STD-W-15 - SLUICE VALVE
-STD-W-18-19 - HYDRANT
-STD-W-22-23 - AIR VALVE
-STD-W-26 - METER CHAMBER
-STD-W-27 - MARKER POSTS AND PLATES
-STD-W-28 - TRUST AND SUPPORT BLOCKS
-STD-W-30 - SCOUR CHAMBER AND HEADWALL
-STD-W-30A-37 - OTHER

ALL WATER SERVICES INFRASTRUCTURE TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE. IRISH WATER DOCUMENT NUMBER: IW-CDS-5020-03
HYDRANTS TO COMPLY WITH BS 750, TYPE 2 SCREW DOWN TYPE.
HYDRANT INDICATOR PLATES TO COMPLY WITH BS 3251.

ALL WATERMAIN PIPE MATERIALS TO BE IN ACCORDANCE WITH SECTION 3.9 OF THE CODE OF PRACTICE

LEGEND

- SITE BOUNDARIES
- ADJACENT BOUNDARIES OWNED BY APPLICANT
- PROPOSED 100mm O.D HDPE PE-80 SDR17 WATERMAIN
- PROPOSED 150mm O.D HDPE PE-80 SDR17 WATERMAIN
- PROPOSED WATERMAIN WITH AIR VALVE
- PROPOSED WATERMAIN WITH SLUICE VALVE
- PROPOSED WATERMAIN WITH SCOUR VALVE
- PROPOSED WATERMAIN WITH HYDRANT
- EXISTING WATERMAIN
- PROPOSED BOUNDARY BOX
- PROPOSED FLOW METER

WATERMAIN LOOP WITH HYDRANT LAID TO STANDARD DETAIL STD-W-39.

WATERMAIN LOOP WITH HYDRANT LAID TO STANDARD DETAIL STD-W-39.

AIR CONTROL VALVE IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-22 LOCATED AT HIGH POINT ON WATERMAIN.

46m HYDRANT RADIUS

46m HYDRANT RADIUS

46m HYDRANT RADIUS

46m HYDRANT RADIUS

46m HYDRANT RADIUS

46m HYDRANT RADIUS

R46000

100mmΦ (I.D) HDPE WATERMAIN

150mmΦ (I.D) HDPE WATERMAIN

PART B - 03101

PART A - 03100

KEY PLAN: NTS

WATERMAIN LAYOUT (PART A)

SCALE 1:500

REVISION	DATE	BY	DETAILS
1	08/25	AH	Site Layout revised
0	11/24	CW	Issue 0

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Drawn By	Chkd By	Approved By	DWG Date	Scale	Purpose Code	Acceptance Code	Rev.	Stage
AH	CC	CC	19/09/25	1/500 @A1	P03	S	1	Planning

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Project	Originator	Spatial Zone	Level	Info Type	Role	Number
22240	CRO	X	XXX	DR	CE	03100

Client: Rosckspring Properties Ltd.
Project: Baneshane, Midleton LRD
Title: Watermain Layout (Sheet 1)