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NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND ALL RELEVANT ARCHITECTS AND SERVICES ENGINEERS DRAWINGS.
2. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
3. DRAWINGS SHALL BE CHECKED BY CONTRACTOR AND ANY DISCREPANCIES (DIMENSIONS) SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE WORK IS COMMENCED.
4. ALL WORKS TO BE IN COMPLIANCE WITH IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE AND WATER INFRASTRUCTURE STANDARD DETAILS.
5. ALL WATER PIPES TO BE PE100 SDR17.
6. ALL WATER PIPES TO BE INSTALLED WITH 900mm COVER BELOW FINISHED LEVEL TO THE EXTERNAL CROWN OF THE PIPE UNLESS OTHERWISE NOTED.
7. TYPICAL SERVICE LAYOUT SEPARATION DISTANCES, HORIZONTALLY AND VERTICALLY, AS PER IRISH WATER DETAIL STD-W-11.
8. IN LOCATIONS WHERE A SEWER LINE CROSSES OVER A WATERMAIN IS UNAVOIDABLE, JOINTS IN THE WATERMAIN SHALL NOT BE LOCATED DIRECTLY BELOW SURFACE WATER OR WASTEWATER SEWER CROSSINGS.
9. INDICATOR PLATES SHALL CLEARLY IDENTIFY HYDRANT, AIR VALVE, SCOUR VALVE, WASHOUT HYDRANT, METER, PRESSURE REDUCING/SUSTAINING VALVE AND SLUICE VALVE LOCATIONS. THEY SHALL BE LOCATED TO THE APPROVAL OF BOTH IRISH WATER AND THE ROADS AUTHORITY FOR THE AREA. THE PLATES SHALL BE MOUNTED ON MARKER POSTS AT THE BACK OF FOOTPATHS OR ON THE BOUNDARY WALL OF THE PUBLIC THOROUGHFARE NEAREST TO THE HYDRANT OR VALVE AS PER IRISH WATER CODE OF PRACTICE.
10. INDICATOR PLATES AND BASEBOARD PLATES SHALL COMPLY WITH BS 3251, WITH HYDRANT PLATES OF FIXED BLACK LETTER H ON A CANARY YELLOW BACKGROUND (COLOUR REFERENCE 309 TO BS 381C). THE PLATE SHALL SHOW THE DIAMETER OF THE TRUNK MAIN IN "mm" AND THE DISTANCE FROM THE MARKER TO THE HYDRANT IN "m". INDICATOR PLATES FOR AIR VALVES, SLUICE VALVES, SCOUR VALVES, WASHOUT HYDRANT, PRESSURE REDUCING/SUSTAINING VALVES, METERS AND BULK METERS SHALL ALSO COMPLY WITH BS 3251 WITH FIXED BLACK LETTERS (AV, SV, SCV, W/O, PRV/PSV, ME AND BM RESPECTIVELY) ON A WHITE BACKGROUND. THE PLATE SHALL SHOW THE DIAMETER OF THE MAIN IN "mm" AND THE DISTANCE FROM THE MARKER TO THE FITTING SHALL BE INDICATED IN "m". MARKER PLATES SHALL BE METAL AND SHALL BE FIXED WITH STAINLESS STEEL NON-RETRACTABLE SCREWS.
- MARKER POSTS SHALL BE OF CONCRETE CONSTRUCTION, COMPLYING WITH IS EN 206, TO CONFORM TO IS 162. THEY SHALL BE SET 450mm DEEP IN A 0.08 m3 SUPPORT BASE OF C25/30 CONCRETE, 20 mm AGGREGATE SIZE ALL AS PER IRISH WATER DETAIL STD-W-27. PLASTIC MARKER POSTS SHALL NOT BE PROVIDED UNDER ANY CIRCUMSTANCE.
11. THE CONNECTION TO THE EXISTING PUBLIC WATERMAIN SHALL INCLUDE WATER METER AND ASSOCIATED VALVING.
12. REFER TO ARCHITECTURAL DRAWING PP-01 FOR COMPLETE SITE BOUNDARY.

LEGEND

EXISTING WATERMAIN	
WATERMAIN (HDPE PE100 SDR17)	
HYDRANT WITH 46.0m SERVICE RADIUS	
AIR VALVE	
SLUICE VALVE	
WATER METER CHAMBER	

REV	DATE	DESCRIPTION	DRN	DES	CHK	APP
A	23/01/25	UPDATED REVISED SITE LAYOUT	JM	PC	BL	BL

CLIENT: GROODY DEVELOPMENTS LIMITED

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PROJECT: WHITEBOX STUDENT CAMPUS, GROODY ROAD, NEWCASTLE, CASTLETROY, LIMERICK

TITLE: WATERMAIN LAYOUT

STATUS: **PLANNING APPLICATION**

DRAWN: JM	DES. BY: PC
CHK BY: BL	APP. BY: BL
DATE: 03/10/24	JOB No. W0657
A1 SCALE: 1:500	DRG No. 030

REV.	A
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