



**LEGEND**

- REFER TO ARCHITECTS DRAWINGS FOR BOUNDARY LINE
- OUTLINE OF WAYLEAVE FOR EXISTING 4000 WATERMAIN
  - EXISTING WATERMAIN
  - PROPOSED WATERMAIN
  - H HYDRANT
  - SV SLUICE VALVE
  - AV AIR VALVE
  - SCV SCOUR VALVE
  - BB BOUNDARY BOX
  - M METER
  - CONNECTION / JUNCTION DETAIL TO BE FORMED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-XX

NOTE: WHERE PROPOSED WATERMAINS CROSS OVER THE EXISTING WATERMAIN, THEY SHALL CROSS AT RIGHT ANGLES TO THE EXISTING WATERMAIN AND SHALL BE LOCATED MIDWAY BETWEEN THE WATERMAIN JOINTS. THERE SHALL BE A MINIMUM OF 50mm VERTICAL SEPARATION DISTANCE BETWEEN THE TOP OF EXISTING WATERMAIN AND UNDERSIDE OF FOUL / SURFACE WATER PIPE AT THE CROSSING POINT.

TYPICAL 46m RADIUS FOR HYDRANT SHOWN THUS

**NOTES:**

1. ALL LEVELS ARE IN METRES O.D. MALIN HEAD.
2. THE POSITION AND LEVELS OF EXISTING SERVICES INsofar AS THEY ARE KNOWN AND AS SHOWN ON THE DRAWINGS MAY NOT BE ACCURATE AND MERELY INDICATE THEIR PRESENCE IN THE WORKING AREA. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING EXISTING SERVICES ON SITE.
3. THE CONTRACTOR SHALL INSTALL THE WATERMAINS IN ACCORDANCE WITH THE LATEST VERSION OF IRISH WATERS CONNECTION AND DEVELOPER SERVICES 'CODE OF PRACTICE FOR WATER INFRASTRUCTURE' AND 'WATER INFRASTRUCTURE STANDARD DETAILS' - DOCUMENT REFERENCES IW-CDS-5020-03 AND IW-CDS-5020-01 RESPECTIVELY. THE CONTRACTOR SHALL ALSO COMPLY WITH ANY DETAILS OR RECOMMENDATIONS SET OUT BY IRISH WATER IN THE CONNECTION AGREEMENT.
4. WATERMAIN PIPE MATERIAL SHALL BE HDPE IN ACCORDANCE WITH CL. 3.9 OF THE IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE UNLESS AGREED OTHERWISE WITH IRISH WATER.
5. PRIOR TO COMMENCEMENT OF PIPE LAYING WORKS, PIPE TESTING SHALL BE CARRIED OUT BY THE CONTRACTOR IN ACCORDANCE WITH CL.3.10 OF IRISH WATERS CONNECTION AND DEVELOPER SERVICES CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
6. WATERMAIN CONNECTION DETAILS, SEPARATION DISTANCES, TRENCH BACKFILL AND BEDDING, VALVE DETAILS, HYDRANT DETAILS, AIR VALVE DETAILS, METER CHAMBER, THRUST BLOCK AND SUPPORT BLOCK DETAILS, SCOUR CHAMBER AND MARKER POSTS TO BE IN ACCORDANCE WITH THE LATEST VERSION OF IRISH WATERS CONNECTION AND DEVELOPER SERVICES CODE OF PRACTICE FOR WATER INFRASTRUCTURE STANDARD DETAILS AND CODE OF PRACTICE.
7. MINIMUM COVER TO WATERMAINS TO BE 900mm.

CD1	AP	ISSUED FOR PLANNING	18.11.2021
REV	STAT	DESCRIPTION	DATE
DRAWING STATUS:		ISSUED FOR PLANNING	
CHECKED BY:	REVIEWED BY:	APPROVED BY:	
RON	JM	JM	

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PROJECT: PROPOSED RESIDENTIAL DEVELOPMENT AT GORDON PARK  
 CLIENT: GREENWALK DEVELOPMENT LTD.

DRAWING TITLE: PROPOSED WATERMAIN LAYOUT

SCALE: 1:500 (A1)

PROJECT - ORIGINATOR - VOLUME - LOCATION - TYPE - ROLE - NUMBER  
 21003-TJOC-ZZ-ZZ-DR-C-0061 REV: C01