



**NOTE:**  
WATERMAIN MATERIAL TO BE PE 100 (SDR 11 OR 17) IN COMPLIANCE WITH SECTION 3.9 OF IRISH WATER, 'WATER SUPPLY INFRASTRUCTURE CODE OF PRACTICE'

**NOTE:**  
AIR VALVE AND HYDRANTS COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY A CONCRETE PLINTH IN COMPLIANCE WITH SECTION 3.18 OF IRISH WATER, 'WATER SUPPLY INFRASTRUCTURE CODE OF PRACTICE'

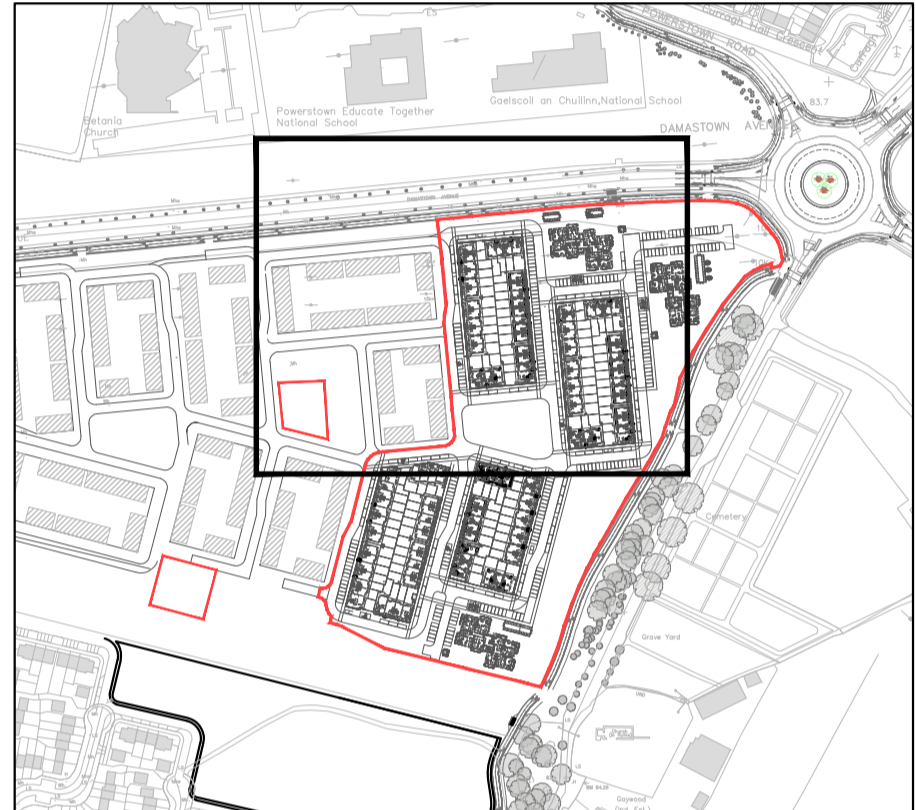
**NOTE:**  
THRUST BLOCKS TO BE PROVIDED AT EACH BEND ALONG THE COURSE OF THE WATERMAIN IN COMPLIANCE WITH SECTION 4.6 OF IRISH WATER, 'WATER SUPPLY INFRASTRUCTURE CODE OF PRACTICE'

**NOTE:**  
ENSURE DEPTH OF COVER TO WATERMAIN CROWN IS ACHIEVED IN COMPLIANCE WITH SECTION 3.11 OF IRISH WATER, 'WATER SUPPLY INFRASTRUCTURE CODE OF PRACTICE'

**NOTE:**  
METERS FOR APARTMENTS OR SIMILAR PROPERTIES WILL BE INSTALLED INTERNALLY WITHIN THE PREMISES IN ACCORDANCE WITH THE BUILDING CONTROLS AUTHORITY REQUIREMENTS AND SUBJECT TO REVIEW BY IRISH WATER, 'WATER SUPPLY INFRASTRUCTURE CODE OF PRACTICE'

- NOTES:**
- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL WORKS ARE CONSTRUCTED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS. THE CODE OF PRACTICE AND STANDARD DETAILS ARE AVAILABLE TO DOWNLOAD FROM THE IRISH WATER WEBSITE AT [WWW.WATER.IE/CONNECTIONS/DEVELOPER-SERVICES/](http://WWW.WATER.IE/CONNECTIONS/DEVELOPER-SERVICES/) WHERE THE DETAILS CONTAINED ON THIS DRAWING DIFFER FROM THE IRISH WATER CODE OF PRACTICE OR STANDARD DETAILS THIS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. IRISH WATER STANDARDS WILL TAKE PRECEDENCE.
  - THE LOCATION AND LEVEL OF EXISTING SERVICES AT CONNECTION POINTS ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS. ANY DISCREPANCY WITH GIVEN SURVEY LEVELS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
  - IN AREAS OF KNOWN EXISTING SERVICES, THE EXISTING SERVICES ARE TO BE CHECKED BY THE CONTRACTOR TO ENSURE THAT ALL RELEVANT EXISTING SERVICES ARE IDENTIFIED AND SHOWN ON DRAWINGS.
  - ANY UNSUITABLE MATERIAL EXPOSED DURING EXCAVATION IS TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
  - SURFACE WATER DRAINAGE WORKS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH SDCC REQUIREMENTS FOR TAKING IN CHARGE AND THE GENERAL DUBLIN CODE OF PRACTICE FOR DRAINAGE WORKS.
  - ALL TRENCHES WHERE THERE IS EXPOSED ROCK ARE TO BE LINED WITH LIQUID BITUMEN SPRAY IMMEDIATELY AFTER EXPOSURE.

REF:  
CDS23001981



SITE LOCATION MAP  
SCALE 1:2000

SECTOR 3 GRANTED UNDER PART XI/012/21

SCOUR VALVE TO CONNECT TO SW MANHOLE IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-30B

PLANTING RESTRICTIONS ADJACENT TO WATERMAIN AS PER STD-W-12A

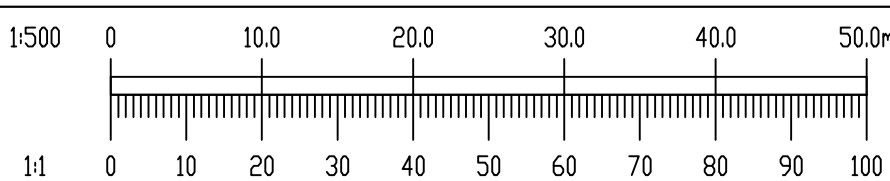
A HYDRANT SHALL NOT BE LOSER THAN 6.0m TO A PROPERTY, AS PER SECTION 3.5.25 OF THE WATER CODE OF PRACTICE.

ALL WATERMAIN "T" JUNCTIONS SHOULD BE AT 90 DEGREE ANGLES

NO DOMESTIC PROPERTY WITHIN A DEVELOPMENT SHALL BE NO MORE THEN 46.0m FROM A HYDRANT, AS PER SECTION 3.5.25 OF THE WATER CODE OF PRACTICE

**LEGEND**

	SITE BOUNDARY
	EXISTING WATERMAIN
	EXISTING WATERMAIN TO BE REMOVED
	PERMITTED WATERMAIN SECTOR 3 REF.: XX/XX
	PROPOSED HDPE WATERMAIN 180mm# (150mm# ID)
	PROPOSED HDPE WATERMAIN 110mm# (100mm# ID)
	PROPOSED HDPE WATERMAIN 80mm# PIPE CONNECTION
	PROPOSED SLUICE VALVE
	PROPOSED NON RETURN VALVE
	PROPOSED HYDRANT
	PROPOSED OFF-LINE HYDRANT
	PROPOSED SCOUR VALVE
	PROPOSED AIR VALVE
	PROPOSED BULK WATER METER
	PROPOSED BOUNDARY BOX AND 25mm CONNECTION PIPE
	PROPOSED FIRE HYDRANT 46m COVERAGE
	PROPOSED ROAD LEVELS, CHAINAGE AND GRADIENT
	PROPOSED FINISHED FLOOR LEVEL



**Comhairle Contae Fhine Gall**  
Fingal County Council

**Ordnance Survey Ireland**  
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REV.	DATE	AMENDMENT	DRN	APPD
1	31/05/23	ISSUED FOR IRISH PLANNING	MS	IW

**STATUS FOR PLANNING ONLY. NOT FOR CONSTRUCTION**

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CLIENT	FINGAL COUNTY COUNCIL
ARCHITECT	WALSH & ASSOCIATES
PROJECT	CHURCH FIELDS EAST
TITLE	PROPOSED WATERMAIN LAYOUT SECTOR 4 - SHEET 1 OF 2

DRAWN	DESIGNED	APPROVED	DATE
MS	NM	IW	MAY 2023
SCALE	JOB NO.	DRG. NO.	REVISION
A1 @ 1:500	20-074	P4300	

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