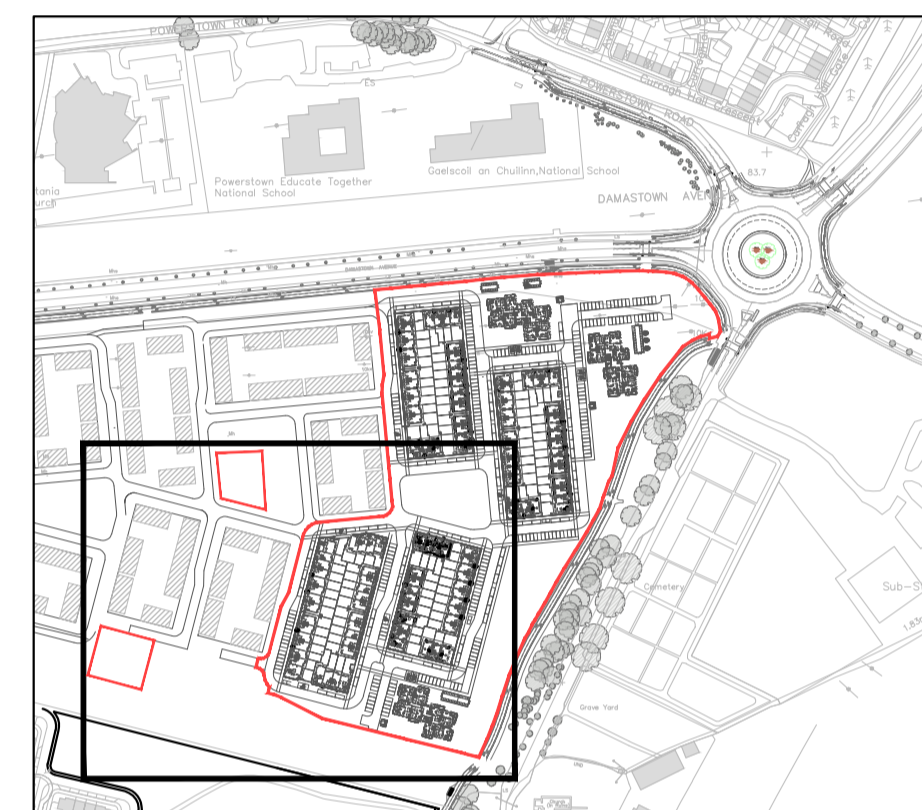


- NOTES:
- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL WORKS ARE CONSTRUCTED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS. THE CODE OF PRACTICE AND STANDARD DETAILS ARE AVAILABLE TO DOWNLOAD FROM THE IRISH WATER WEB SITE 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 1:2500

NO DOMESTIC PROPERTY WITHIN A DEVELOPMENT SHALL BE NO MORE THAN 46.0m FROM A HYDRANT, AS PER SECTION 3.3.25 OF THE WATER CODE OF PRACTICE

A HYDRANT SHALL NOT BE LOSER THAN 6.0m TO A PROPERTY, AS PER SECTION 3.3.25 OF THE WATER CODE OF PRACTICE

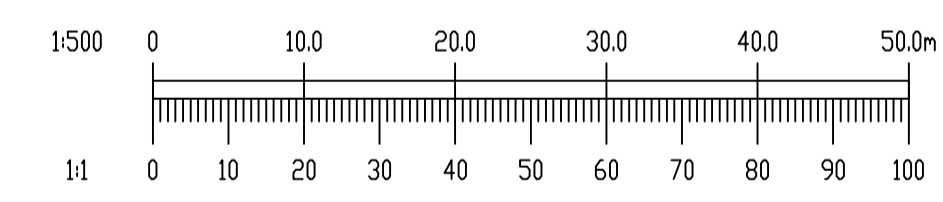
CHURCH FIELDS HOUSING & EASTERN LINEAR PARK  
GRANTED UNDER PART XI/012/21

AIRVALVES LOCATED AT HIGH POINT AS PER SECTION 3.16.6 OF WATER CODE OF PRACTICE

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

PROPOSED WATER CONNECTION TO 300mm SPUR

80mm WATER CONNECTION AND BULK FLOW METER TO BE PROVIDED AS PER IRISH WATER DETAIL STD-W-26A



- 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"

| 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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|           |                     |     |      |
|-----------|---------------------|-----|------|
| 31/05/23  | ISSUED FOR PLANNING | MS  | IW   |
| REV. DATE | AMENDMENT           | DRN | APPD |

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

**Waterman Moylan**  
Engineering Consultants

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|                  |   |                |               |
|------------------|---|----------------|---------------|
| CLIENT           | FINGAL COUNTY COUNCIL                             |                |               |
| ARCHITECT        | WALSH & ASSOCIATES                                |                |               |
| PROJECT          | CHURCH FIELDS EAST                                |                |               |
| TITLE            | PROPOSED WATERMAIN LAYOUT SECTOR 4 - SHEET 2 OF 2 |                |               |
| DRAWN MS         | DESIGNED NM                                       | APPROVED IW    | DATE MAY 2023 |
| SCALE A1 @ 1:500 | JOB NO. 20-074                                    | DRG. NO. P4301 | REVISION      |