SCOUR VALVE AND SCOUR CHAMBER LOCATED AT LOW POINT IN NETWORK. INDICATOR PLATE FIXED TO MARKER POST LOCATED ADJACENT THE VALVE. SCOUR CHAMBER TO DISCHARGE INTO PROPOSED STORM NETWORK.

3-WAY SLUICE VALVE ARRANGEMENT LOCATED AT THE JUNCTION AS PER IRISH WATER COP. INDICATOR PLATES LOCATED ADJACENT THE VALVES.

FIRE HYDRANT WITH A MINIMUM OF 6m AWAY FROM ALL PROPERTIES. INDICATOR PLATE FIXED TO MARKER POST TO IDENTIFY FIRE HYDRANT LOCATION. ALL UNITS MUST BE WITHIN 46m OF A FIRE HYDRANT.

ONLINE AIR VALVE AT HIGH POINT IN NETWORK. LOCATION TO BE AGREED WITH IRISH WATER. INDICATOR PLATE FIXED TO WALL TO IDENTIFY AIR VALVE LOCATION

BOUNDARY METER BOXES MUST BE LOCATED IN PUBLIC FOOTPATH A MINIMUM OF 225mm FROM THE PRIVATE BOUNDARY. 25mm ø SERVICE CONNECTIONS TO BE PROVIDED TO ALL DWELLINGS. SERVICE PIPES TO BE LAID AS CONTINUOUS, UN-JOINTED PIPE. SERVICE DUCT SHOULD BE BLUE THERMOPLASTIC PIPE LAID WITH SLOW BENDS TO FACILITATE INSTALLATION AND/OR REMOVAL OF SERVICE PIPE.

EXISTING WATERMAIN TO BE DIVERTED AS SHOWN; SUBJECT TO IRISH WATERS APPROVAL.

2-WAY SLUICE VALVE ARRANGEMENT LOCATED AT THE JUNCTION AS PER IRISH WATER COP. INDICATOR PLATES LOCATED ADJACENT THE VALVES.

R46000

LOWEST POINT IN PROPOSED WATERMAIN BUT LOWER POINT WITHIN EXISTING WATERMAIN IN WHICH IT JOINS THEREFORE NO REQUIREMENT FOR SCOUR VALVE. IRISH WATER TO CONFIRM ACCEPTANCE.

BOUNDARY METER BOXES MUST BE LOCATED IN PUBLIC FOOTPATH A MINIMUM OF 225mm FROM THE PRIVATE BOUNDARY. 25mm ø SERVICE CONNECTIONS TO BE PROVIDED TO ALL DWELLINGS. SERVICE PIPES TO BE LAID AS CONTINUOUS, UN-JOINTED PIPE. SERVICE DUCT SHOULD BE BLUE THERMOPLASTIC PIPE LAID WITH SLOW BENDS TO FACILITATE INSTALLATION AND/OR REMOVAL OF SERVICE PIPE.

FIRE HYDRANT WITH A MINIMUM OF 6m AWAY FROM ALL PROPERTIES. INDICATOR PLATE FIXED TO ADJACENT WALL TO IDENTIFY FIRE HYDRANT LOCATION. ALL UNITS MUST BE WITHIN 46m OF A FIRE HYDRANT AND A LOOPS MUST HAVE A FIRE HYDRANT.

SCOUR VALVE AND SCOUR CHAMBER LOCATED AT LOW POINT IN NETWORK. INDICATOR PLATE FIXED TO MARKER POST LOCATED ADJACENT THE VALVE. SCOUR CHAMBER TO DISCHARGE INTO PROPOSED STORM NETWORK.

3-WAY SLUICE VALVE ARRANGEMENT LOCATED AT THE JUNCTION AS PER IRISH WATER COP. INDICATOR PLATES LOCATED ADJACENT THE VALVES.

ONLINE AIR VALVE AT HIGH POINT IN NETWORK. LOCATION TO BE AGREED WITH IRISH WATER. INDICATOR PLATE AND MARKER POST TO IDENTIFY AIR VALVE LOCATION

R46000

PROPOSED WATERMAIN LAYOUT - SITE A

SCALE 1:250

FIRE HYDRANT WITH A MINIMUM OF 6m AWAY FROM ALL PROPERTIES. INDICATOR PLATE FIXED TO MARKER POST TO IDENTIFY FIRE HYDRANT LOCATION. ALL UNITS MUST BE WITHIN 46m OF A FIRE HYDRANT.

BOUNDARY METER BOXES MUST BE LOCATED IN PUBLIC FOOTPATH A MINIMUM OF 225mm FROM THE PRIVATE BOUNDARY. 25mm ø SERVICE CONNECTIONS TO BE PROVIDED TO ALL DWELLINGS. SERVICE PIPES TO BE LAID AS CONTINUOUS, UN-JOINTED PIPE. SERVICE DUCT SHOULD BE BLUE THERMOPLASTIC PIPE LAID WITH SLOW BENDS TO FACILITATE INSTALLATION AND/OR REMOVAL OF SERVICE PIPE.

R46000

PROPOSED WATERMAIN LAYOUT - SITE B

SCALE 1:250

GENERAL NOTES:

1. ALL DIMENSIONS AND LEVELS TO BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF THE WORKS. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECT'S AND OTHER ENGINEERING DRAWINGS.

LEGEND

- EXISTING WATERMAIN
- EXISTING WATERMAIN TO BE DIVERTED
- PROPOSED WATERMAIN 150mmø/100mm ø (PE80)
- 25mm ø SERVICE CONNECTION FROM BOUNDARY BOX
- PROPOSED STOPCOCK AND WATER METER BOUNDARY BOX
- PROPOSED FIRE HYDRANT
- PROPOSED SLUICE VALVE
- PROPOSED MARKER POST & INDICATOR PLATE
- SCV PROPOSED SCOUR VALVE
- SCO PROPOSED SCOUR CHAMBER
- TB PROPOSED THRUST BLOCK
- AV PROPOSED AIR VALVE
- FH EXISTING FIRE HYDRANT

REV	DATE	DESCRIPTION	BY	APPR.
A	02.06.25	AMENDED TO REFLECT WCC UPDATED LAYOUT	SM	MK

DRAWING STATUS: PLANNING

CLIENT: FINGAL COUNTY COUNCIL

JOB DESCRIPTION: 21NO. PROPOSED UNITS AT INFILL SITE, FORTLAWN, COOLMINE, CO. DUBLIN

DRAWING TITLE: PROPOSED WATERMAIN LAYOUT

PROJECT No.:	DRAWING No.:
P-3821	C-03
	REV. No.: A

SCALE:	SHEET:	DATE:
1:250	A1	06.11.24
DRAWN BY: SM	CHECKED BY: MK	APPROVED BY: PMCM

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