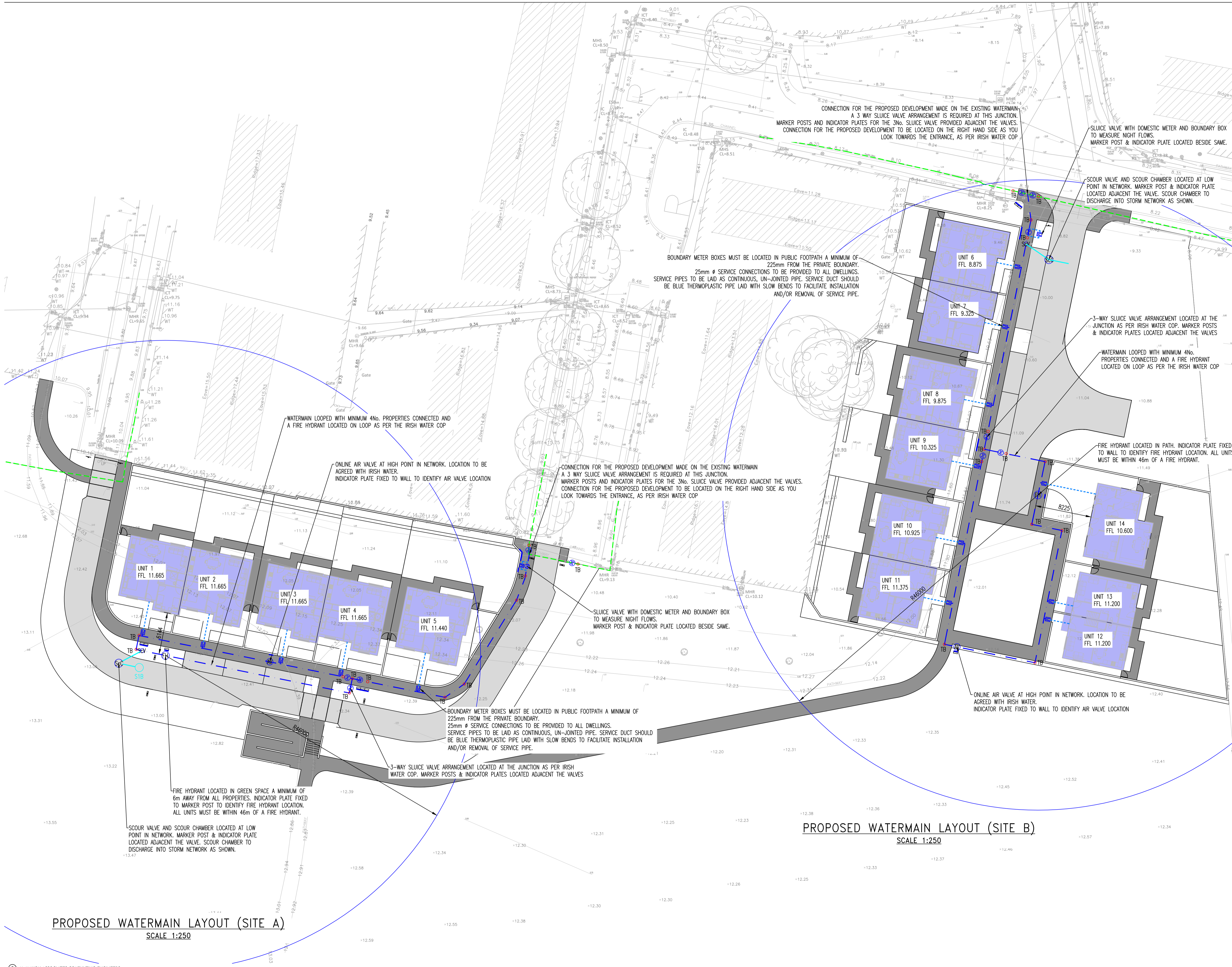


**GENERAL NOTES:**

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 STRUCTURAL AND CIVIL DRAWINGS.

**LEGEND:**

- EXISTING WATERMAIN
- PROPOSED WATERMAIN 100mm $\phi$  (PE80)
- 25mm  $\phi$  SERVICE CONNECTION FROM BOUNDARY BOX
- PROPOSED STORM SEWER & MH
- PROPOSED STOPCOCK AND WATER METER BOUNDARY BOX
- ⊕ PROPOSED FIRE HYDRANT
- ⊕ PROPOSED SLUICE VALVE
- ⊕ PROPOSED MARKER POST & INDICATOR PLATE
- ⊕ PROPOSED SCOUR VALVE
- ⊕ PROPOSED SCOUR CHAMBER
- ⊕ PROPOSED THRUST BLOCK
- ⊕ PROPOSED AIR VALVE



CONNECTION FOR THE PROPOSED DEVELOPMENT MADE ON THE EXISTING WATERMAIN. A 3 WAY SLUICE VALVE ARRANGEMENT IS REQUIRED AT THIS JUNCTION. MARKER POSTS AND INDICATOR PLATES FOR THE 3no. SLUICE VALVE PROVIDED ADJACENT THE VALVES. CONNECTION FOR THE PROPOSED DEVELOPMENT TO BE LOCATED ON THE RIGHT HAND SIDE AS YOU LOOK TOWARDS THE ENTRANCE, AS PER IRISH WATER COP

SLUICE VALVE WITH DOMESTIC METER AND BOUNDARY BOX TO MEASURE NIGHT FLOWS. MARKER POST & INDICATOR PLATE LOCATED BESIDE SAME.

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

BOUNDARY METER BOXES MUST BE LOCATED IN PUBLIC FOOTPATH A MINIMUM OF 225mm FROM THE PRIVATE BOUNDARY. 25mm  $\phi$  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.

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

WATERMAIN LOOPED WITH MINIMUM 4no. PROPERTIES CONNECTED AND A FIRE HYDRANT LOCATED ON LOOP AS PER THE IRISH WATER COP

WATERMAIN LOOPED WITH MINIMUM 4no. PROPERTIES CONNECTED AND A FIRE HYDRANT LOCATED ON LOOP AS PER THE IRISH WATER COP

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

CONNECTION FOR THE PROPOSED DEVELOPMENT MADE ON THE EXISTING WATERMAIN. A 3 WAY SLUICE VALVE ARRANGEMENT IS REQUIRED AT THIS JUNCTION. MARKER POSTS AND INDICATOR PLATES FOR THE 3no. SLUICE VALVE PROVIDED ADJACENT THE VALVES. CONNECTION FOR THE PROPOSED DEVELOPMENT TO BE LOCATED ON THE RIGHT HAND SIDE AS YOU LOOK TOWARDS THE ENTRANCE, AS PER IRISH WATER COP

FIRE HYDRANT LOCATED IN PATH. INDICATOR PLATE FIXED TO WALL TO IDENTIFY FIRE HYDRANT LOCATION. ALL UNITS MUST BE WITHIN 46m OF A FIRE HYDRANT.

SLUICE VALVE WITH DOMESTIC METER AND BOUNDARY BOX TO MEASURE NIGHT FLOWS. MARKER POST & INDICATOR PLATE LOCATED BESIDE SAME.

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  $\phi$  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.

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

FIRE HYDRANT LOCATED IN GREEN SPACE 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.

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

**PROPOSED WATERMAIN LAYOUT (SITE B)**  
SCALE 1:250

**PROPOSED WATERMAIN LAYOUT (SITE A)**  
SCALE 1:250

REV	DATE	DESCRIPTION	SM	MK	BY	APPR
B	22.08.23	INTERNAL CONSULTATION	SM	MK		
A	08.08.23	MINOR AMENDMENTS	SM	MK		

DRAWING STATUS:  
**INTERNAL CONSULTATION**

CLIENT:  
**FINGAL COUNTY COUNCIL**

JOB DESCRIPTION:  
PROPOSED 14NO. UNIT HOUSING DEVELOPMENT, MOURNE VIEW, SKERRIES

DRAWING TITLE:  
**PROPOSED WATERMAIN LAYOUT**

PROJECT No.:  
**P-3716**

DRAWING No.:  
**C-03**

SHEET No.:  
**B**

SCALE: 1:250 | SHEET: A1 | DATE: 01.08.23

DRAWN BY: SM | CHECKED BY: MK | APPROVED BY: PMCM

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