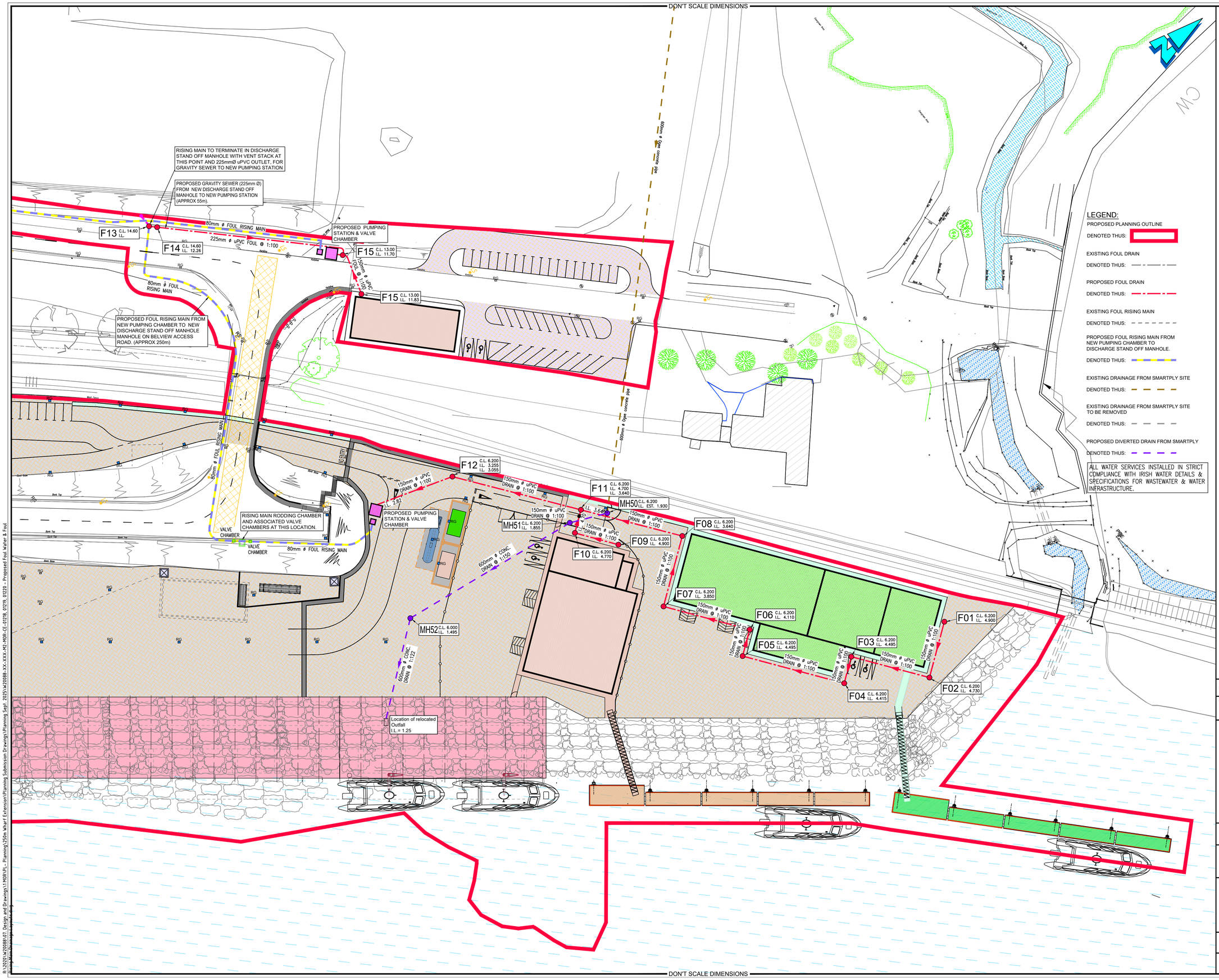
DON'T SCALE DIMENSIONS



LEGEND:

PROPOSED PLANNING OUTLINE

DENOTED THUS:

EXISTING FOUL DRAIN

DENOTED THUS:

PROPOSED FOUL DRAIN

DENOTED THUS:

EXISTING FOUL RISING MAIN

DENOTED THUS:

PROPOSED FOUL RISING MAIN FROM NEW PUMPING CHAMBER TO DISCHARGE STAND OFF MANHOLE.

DENOTED THUS:

EXISTING DRAINAGE FROM SMARTPLY SITE

DENOTED THUS:

EXISTING DRAINAGE FROM SMARTPLY SITE TO BE REMOVED

DENOTED THUS:

PROPOSED DIVERTED DRAIN FROM SMARTPLY

DENOTED THUS:

ALL WATER SERVICES INSTALLED IN STRICT COMPLIANCE WITH IRISH WATER DETAILS & SPECIFICATIONS FOR WASTEWATER & WATER INFRASTRUCTURE.

Health and Safety:

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, THE SPECIFICATION AND THE SAFETY AND HEALTH PLAN.

Note:

1. NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF MALONE O'REGAN CONSULTING ENGINEERS AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DRAWING WAS ORIGINALLY ISSUED.
2. ALL DIMENSIONS IN mm UNLESS NOTED OTHERWISE.
3. ALL LEVELS ARE TO POOLBEG DATUM.
4. ALL WORKS TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE DOCUMENT IW-CDS-5020-03 AND IRISH WATER STANDARD DETAILS IW-CDS-5020-01.
5. ALL FOUL WORKS TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE DOCUMENT IW-CDS-5030-03 AND IRISH WATER STANDARD DETAILS IW-CDS-5030-01.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING OUT JUNCTION BOXES, CHAMBERS, MANHOLES, GULLIES TO ENSURE NO CLASHES WITH SERVICE DUCTS AND PIPES.
7. ALL COVER LEVELS ARE INDICATIVE ONLY
8. ALL DRAINAGE WORK TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTE WATER INFRASTRUCTURE AND STANDARD DETAILS.
9. MANHOLES, MANHOLES COVERS AND ROAD GULLY GRATINGS TO STANDARD SPECIFICATION
10. ALL PIPE DIAMETERS ARE NOMINAL
11. THE CONTRACTOR MUST SATISFY HIMSELF IN RESPECT TO THE LOCATION OF ALL EXISTING SERVICES.
12. ALL FOUL PIPEWORK TO BE UPVC IN ACCORDANCE WITH SECTION 3.13 AND 3.14 OF IRISH WATER CODE OF PRACTICE FOR WASTE WATER INFRASTRUCTURE.
13. ALL ROAD GULLY DRAINS ARE 150mm Ø
14. 600mm MAX LENGTH ROCKER PIPES ARE TO BE PROVIDED ON SEWERS WHERE:
    - A PIPE ENTERS A MANHOLE OR PUMPING STATION
    - A PIPE LEAVES A MANHOLE
    - A PIPE ENTERS CONCRETE ENCASEMENT
    - A PIPE LEAVES CONCRETE ENCASEMENT
    - ANY OTHER LOCATION AS DIRECTED BY THE ENGINEER
15. ALL SEWER ROCKER PIPES ARE TO BE FORMED BY CUTTING AND TRIMMING A LENGTH OF SIPIGOT & SOCKET PIPE TO FORM A SPIGOT AT THE CUT END, THEREBY FORMING SPIGOT & SOCKET JOINTS AT BOTH ENDS OF THE ROCKER PIPE
16. ALL ROCKER PIPES SHALL BE NO MORE THAN 150mm FROM THEIR ASSOCIATED MANHOLE, PUMPING STATION, CONCRETE ENCASED SECTION OR VALVE CHAMBER
17. ALL MANHOLE COVERS LOCATED IN TRAFFICKED AREA ARE TO BE SKID RESISTANT.
18. ALL GULLY GRATINGS ARE TO BE MIN. CLASS D400 TO IS EN 124 AND ARE TO BE LOCKABLE
19. WHERE COVER TO PIPE IS LESS THAN 900mm UNDER GRASSED AREAS OR LESS THAN 1200mm UNDER ROADWAYS THE PIPE SHOULD BE SURROUNDED IN CONCRETE
20. EXTERNAL FACE OF PROPOSED MANHOLE CHAMBERS LOCATED AT LEAST 0.5m FROM KERB LINES. EXTERNAL FACE OF SEWERS TO BE LOCATED AT LEAST 1m FROM KERB LINES.
21. EXTERNAL FACE OF SEWERS TO BVE A MINIMUM OF 3m FROM EXTERNAL FACE OF DEVELOPMENT OR EQUIVALENT DISTANCE TO THE DEPTH OF SEWER BELOW THE FOUNDATION (WHICHEVER IS GREATER).
22. NOTE: ALL ATTENUATION ZONES TO BE SEALED TO AVOID ANY POTENTIAL NEGATIVE EFFECTS ON THE SURROUNDING GROUND WATER.
23. EXTERNAL FACE OF FOUL MANHOLE CHAMBERS TO BE LOCATED AT LEAST 0.5M FROM KERBLINES. EXTERNAL FACE OF FOUL SEWER PIPEWORK TO BE LOCATED AT LEAST 1.0m FROM KERBLINES.
24. ALL WASTEWATER INSPECTION CHAMBERS SHOULD BE IN COMPLIANCE WITH THE IW CODE OF PRACTICE AND STD-WW-02 & 03
25. SEPARATION DISTANCES FROM OTHER SERVICES, BOUNDARY WALLS, TREES, ETC. TO BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-WW-05, STD-WW-06, STD-WW-06A

Rev.	Description	Date	Drawn	Chkd
0	PLANNING ISSUE	05.09.2025	JD	ES

Status: P3 - ISSUED FOR PLANNING

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Client: PORT OF WATERFORD COMPANY

Job: PROPOSED OFFSHORE RENEWABLE ENERGY CAPABLE TERMINAL ON A 250m WHARF EXTENSION & ANCILLARY OPERATIONAL SUPPORT INFRASTRUCTURE

Drawing: PROPOSED FOUL WATER & FOUL RISING MAIN DRAINAGE LAYOUT SHEET 3

Job No	Revision	Approver	Scale	Sheet
W20088	0	ES	A1 1:500 A3 1:1,000	A1

Drg No: W20088-XX-XXX-DR-MOR-CE-01220

R:\2020\W20088\07. Design and Drawings\1.MOR\PL - Planning\250m Wharf Extension\Planning Submission Drawings\Planning Sept. 2025\W20088-XX-XXX-MP2-MOR-CE-01218, 01219, 01220 - Proposed Foul Water & Foul Rising Main Drainage Layout.dwg

DON'T SCALE DIMENSIONS