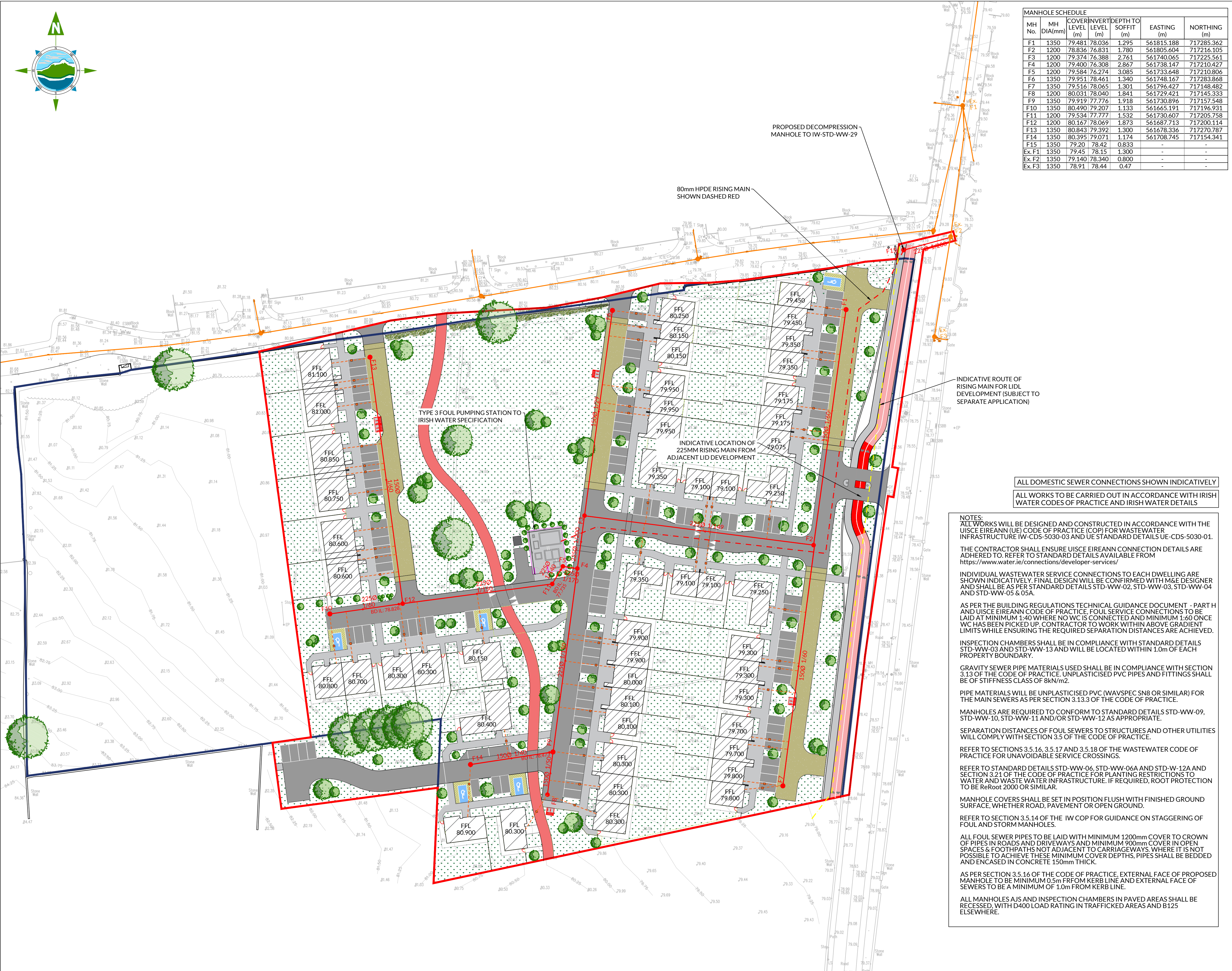




MANHOLE SCHEDULE						
MH No.	MH DIA(mm)	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFFIT (m)	EASTING (m)	NORTHING (m)
F1	1350	79.481	78.036	1.295	561815.188	717285.362
F2	1200	78.836	76.831	1.780	561805.604	717216.105
F3	1200	79.374	76.388	2.761	561740.065	717225.561
F4	1200	79.400	76.308	2.867	561738.147	717210.427
F5	1200	79.584	76.274	3.085	561733.648	717210.806
F6	1350	79.951	78.461	1.340	561748.167	717283.868
F7	1350	79.516	78.065	1.301	561796.427	717148.482
F8	1200	80.031	78.040	1.841	561729.421	717145.333
F9	1350	79.919	77.776	1.918	561730.896	717157.548
F10	1350	80.490	79.207	1.133	561665.191	717196.931
F11	1200	79.534	77.777	1.532	561730.607	717205.758
F12	1200	80.167	78.069	1.873	561687.713	717200.114
F13	1350	80.843	79.392	1.300	561678.336	717270.787
F14	1350	80.395	79.071	1.174	561708.745	717154.341
F15	1350	79.220	78.42	0.833	-	-
Ex. F1	1350	79.45	78.15	1.300	-	-
Ex. F2	1350	79.140	78.340	0.800	-	-
Ex. F3	1350	78.91	78.44	0.47	-	-

THE INFORMATION ON THIS DRAWING IS TO THE ORDNANCE SURVEY IRELAND ITM COORDINATE SYSTEM

LEGEND:

PROPOSED FOUL SEWER AND MANHOLE

PROPOSED FOUL SEWER AND BACKDROP MANHOLE

PROPOSED HOUSE SEWER CONNECTION & INSPECTION CHAMBER

PROPOSED 80mm HPDE RISING MAIN

EXISTING FOUL SEWER AND MANHOLE

- NOTES:
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.

2. ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE.

3. ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES.

4. THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES.

5. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD.

PO	26.09.2024	Issue for Planning	A.O	S.B
Rev	Date	Description	By	Chkd.

Client: Galway County Council

Project: Housing Development at Cosmona, Loughrea, Co. Galway

Title: Proposed Foul Drainage Layout

Scale @ A1: 1:500

Prepared by: A.O

Checked by: S.B

Date: 10.06.2024

Drawing Status: Planning

TOBIN

Tel: +353 (0)91 565 211

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www.tobin.ie

Drawing No.: 11942-2001

Revision: PO

ALL WORKS WILL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE UIUCE EIREANN (UE) CODE OF PRACTICE (COP) FOR WASTEWATER INFRASTRUCTURE IW-CDS-5030-03 AND UE STANDARD DETAILS UE-CDS-5030-01.

THE CONTRACTOR SHALL ENSURE UIUCE EIREANN CONNECTION DETAILS ARE ADHERED TO. REFER TO STANDARD DETAILS AVAILABLE FROM <https://www.water.ie/connections/developer-services/>

INDIVIDUAL WASTEWATER SERVICE CONNECTIONS TO EACH DWELLING ARE SHOWN INDICATIVELY. FINAL DESIGN WILL BE CONFIRMED WITH M&E DESIGNER AND SHALL BE AS PER STANDARD DETAILS STD-WW-02, STD-WW-03, STD-WW-04 AND STD-WW-05 & 05A.

AS PER THE BUILDING REGULATIONS TECHNICAL GUIDANCE DOCUMENT - PART H AND UIUCE EIREANN CODE OF PRACTICE, FOUL SERVICE CONNECTIONS TO BE LAID AT MINIMUM 1:40 WHERE NO WC IS CONNECTED AND MINIMUM 1:60 ONCE WC HAS BEEN PICKED UP. CONTRACTOR TO WORK WITHIN ABOVE GRADIENT LIMITS WHILE ENSURING THE REQUIRED SEPARATION DISTANCES ARE ACHIEVED.

INSPECTION CHAMBERS SHALL BE IN COMPLIANCE WITH STANDARD DETAILS STD-WW-03 AND STD-WW-13 AND WILL BE LOCATED WITHIN 1.0m OF EACH PROPERTY BOUNDARY.

GRAVITY SEWER PIPE MATERIALS USED SHALL BE IN COMPLIANCE WITH SECTION 3.1.3 OF THE CODE OF PRACTICE. UNPLASTICISED PVC PIPES AND FITTINGS SHALL BE OF STIFFNESS CLASS OF 8kN/m².

PIPE MATERIALS WILL BE UNPLASTICISED PVC (WAVSPEC SN8 OR SIMILAR) FOR THE MAIN SEWERS AS PER SECTION 3.1.3.3 OF THE CODE OF PRACTICE.

MANHOLES ARE REQUIRED TO CONFORM TO STANDARD DETAILS STD-WW-09, STD-WW-10, STD-WW-11 AND/OR STD-WW-12 AS APPROPRIATE.

SEPARATION DISTANCES OF FOUL SEWERS TO STRUCTURES AND OTHER UTILITIES WILL COMPLY WITH SECTION 3.5 OF THE CODE OF PRACTICE.

REFER TO SECTIONS 3.5.16, 3.5.17 AND 3.5.18 OF THE WASTEWATER CODE OF PRACTICE FOR UNAVOIDABLE SERVICE CROSSINGS.

REFER TO STANDARD DETAILS STD-WW-06, STD-WW-06A AND STD-W-12A AND SECTION 3.21 OF THE CODE OF PRACTICE FOR PLANTING RESTRICTIONS TO WATER AND WASTE WATER INFRASTRUCTURE. IF REQUIRED, ROOT PROTECTION TO BE ReRoot 2000 OR SIMILAR.

MANHOLE COVERS SHALL BE SET IN POSITION FLUSH WITH FINISHED GROUND SURFACE, WHETHER ROAD, PAVEMENT OR OPEN GROUND.

REFER TO SECTION 3.5.14 OF THE IW COP FOR GUIDANCE ON STAGGERING OF FOUL AND STORM MANHOLES.

ALL FOUL SEWER PIPES TO BE LAID WITH MINIMUM 1200mm COVER TO CROWN OF PIPES IN ROADS AND DRIVEWAYS AND MINIMUM 900mm COVER IN OPEN SPACES & FOOTPATHS NOT ADJACENT TO CARRIAGEWAYS, WHERE IT IS NOT POSSIBLE TO ACHIEVE THESE MINIMUM COVER DEPTHS, PIPES SHALL BE BEDDED AND ENCASED IN CONCRETE 150mm THICK.

AS PER SECTION 3.5.16 OF THE CODE OF PRACTICE, EXTERNAL FACE OF PROPOSED MANHOLE TO BE MINIMUM 0.5m FRFOM KERB LINE AND EXTERNAL FACE OF SEWERS TO BE A MINIMUM OF 1.0m FROM KERB LINE.

ALL MANHOLES AJS AND INSPECTION CHAMBERS IN PAVED AREAS SHALL BE RECESSED, WITH D400 LOAD RATING IN TRAFFICKED AREAS AND B125 ELSEWHERE.