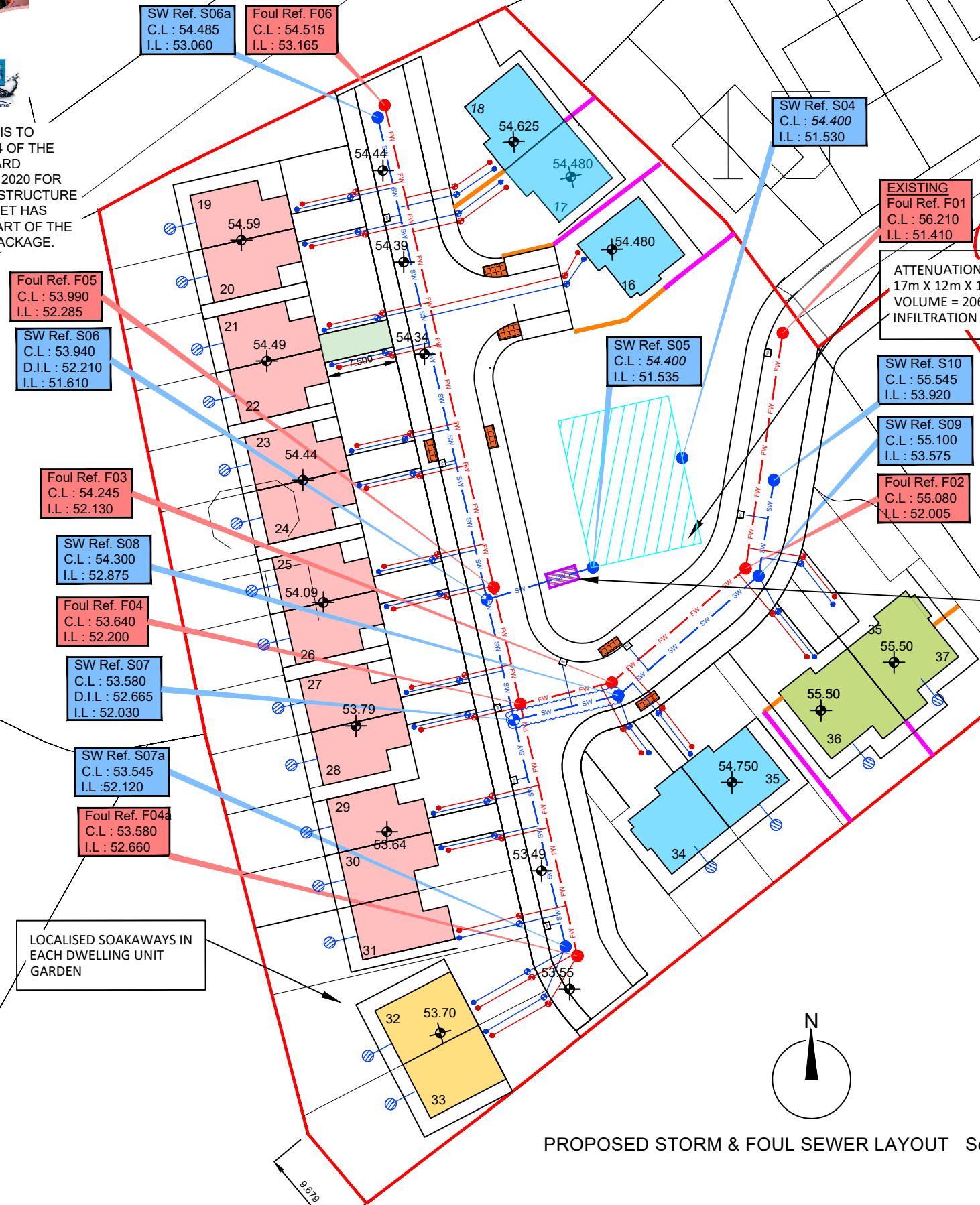


NOTE: CONTRACTOR IS TO REFER TO REVISION 4 OF THE IRISH WATER STANDARD DETAILS DATED JULY 2020 FOR WASTEWATER INFRASTRUCTURE DETAILS. THIS BOOKLET HAS BEEN INCLUDED IN PART OF THE CIVIL/STRUCTURAL PACKAGE.



NOTES:-

ALL WORKS TO BE CARRIED OUT TO IRISH WATER CODE OF PRACTICE DOCUMENT CDS-5030-03

FOUL WASTE WATER LAYOUT TO BE INSTALLED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-WW-02 REGARDING GENERAL LAYOUT.

ALL FOUL WASTEWATER DRAINAGE PIPE WORK INCLUDING SERVICE CONNECTIONS TO COMPLY WITH SECTION 3.6 OF I.W. CODE OF PRACTICE REGARDING PIPE WORK GRADIENTS.

ALL FOUL WASTEWATER PIPE WORK MATERIAL TO COMPLY WITH SECTION 3.13 OF THE IRISH WATER CODE OF PRACTICE.

ALL MANHOLES TO BE CONSTRUCTED IN ACCORDANCE WITH I.W. STD-WW-10 AND I.W. STD-WW-12.

WHERE FOUL AND SURFACE WATER MANHOLES ARE ADJACENT THEIR POSITIONS SHOULD BE STAGGERED TO ALLOW FOR CROSSING OVER OF SEWERS AS PER SECTION 3.5.13 OF I.W. CODE OF PRACTICE.

WHERE 0.3m SEPARATION DISTANCE CANNOT BE ACHIEVED BETWEEN FOUL AND STORM PIPES, THE PIPES SHALL BE SURROUNDED IN LEAN MIX CONCRETE.

ALL WASTEWATER PIPE WORK SHALL BE INSTALLED IN ACCORDANCE WITH I.W. STD-WW-05, STD-WW-06, AND STD-WW-06A REGARDING SEPARATION DISTANCES WHERE SEPARATION DISTANCES CANNOT BE ACHIEVED, PIPES SHALL BE SURROUNDED IN LEAN MIX CONCRETE.

INSPECTION CHAMBERS TO BE INSTALLED ON ALL CONNECTIONS FROM FOUL AND SURFACE WATER SEWER WITHIN INDIVIDUAL PROPERTIES IN ACCORDANCE WITH I.W. STD-WW-03-1 IN COMPLIANCE WITH IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS

FOUL SEWER DROP MANHOLES TO BE INSTALLED TO IW WASTEWATER CODE OF PRACTICE STANDARD DETAIL STD-WW-12.

HDPE TWINWALL PIPES TO BE USED FOR ALL STORM SEWER PIPES UNLESS OTHERWISE SPECIFIED. ALL FOUL SEWER PIPES TO BE IN ACCORDANCE WITH IRISH WATER CODES OF PRACTICE.

PIPES ARE TO BE BBA (BRITISH BOARD OF AGREEMENT) OR SIMILAR APPROVED AND HAPAS (HIGHWAYS AGENCY PRODUCT APPROVAL SCHEME) OR SIMILAR CERTIFIED.

WHERE 0.8m COVER TO THE ROADWAY CANNOT BE ACHIEVED, PIPES SHALL BE SURROUNDED IN LEAN MIX CONCRETE.

NOTES

GENERAL NOTES:

- 1 FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
- 2 ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE.
- 3 ENGINEER TO BE INFORMED OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES.
- 4 THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.

LEGEND

SITE BOUNDARY shown thus	
PROPOSED 1200MM D400 STORM MANHOLE shown thus	
PROPOSED STORM WATER NETWORK shown thus	
PROPOSED 1200MM D400 FOUL MANHOLE shown thus	
PROPOSED FOUL NETWORK shown thus	
PROPOSED SURFACE WATER CONNECTIONS shown thus	
PROPOSED FOUL WATER CONNECTIONS shown thus	
PROPOSED STORM/FOUL WATER AJs shown thus	
PROPOSED STORM/FOUL WATER BOUNDARY BOX TO IW-STD-WW-13 shown thus	
PROPOSED ROAD GULLIES shown thus	
CONCRETE SURROUND shown thus	

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Project

PROPOSED RESIDENTIAL DEVELOPMENT & ASSOCIATED WORKS AT RADHARC NA MUILEANN, LANESBOROUGH, CO. LONGFORD

Stage

PUBLIC CONSULTATION

Title

PROPOSED STORM AND FOUL SEWER LAYOUT

Scale

1:500 @ A3

Surveyed	Drawn	Checked	Date
OSI, JOD	PC	EM	MAR '24

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drawing no.
6763-JOD-ZZ-XX-DR-A-7004

revision
P.01

FOUL WATER SYSTEM

PIPE ID	UPSTREAM NODE	DOWNSTREAM NODE	LENGTH (M)	SLOPE (1:X)	DIA. (MM)
FP06	F06	F05	52.551	59.7	150
FP05	F05	F04	12.706	149.5	150
FP04	F04	F03	10.007	143	150
FP04a	F04a	F04	27.453	59.7	150
FP03	F03	F02	18.683	149.5	150
FP02	F02	F01	25.336	42.6	150

STORM WATER SYSTEM

PIPE ID	UPSTREAM NODE	DOWNSTREAM NODE	LENGTH (M)	SLOPE (1:X)	DIA. (MM)
SP10	S10	S09	10.294	29.8	225
SP09	S09	S08	19.601	28	225
SP08	S08	S07	11.38	54.2	225
SP07	S07	S06	13.105	31.2	225
SP07a	S07a	S07	24.689	274.3	225
SP06	S06	S05	11.779	157	300
SP06a	S06a	S06	52.552	61.8	225
SP05	S05	S04	15.015	300.8	450

PROPOSED STORM & FOUL SEWER LAYOUT Scale 1:500