

STORM DRAINAGE:

- ALL UNDERGROUND STORM PIPEWORK TO BE TWINWALL HIGH DENSITY POLYETHYLENE PIPE MANUFACTURED FROM 100% RECYCLED PLASTIC. PIPEWORK TO BE BBA AND ISO 9001-2008 APPROVED.
- THE PROPOSED STORM WATER NETWORK FOR THE SITE SHALL BE PROVIDED AS INDICATED ON THIS DRAWING. ALL PROPOSED STORM SEWERS SHALL BE LAID AND PROTECTED IN TRENCHES AS SET OUT ON THE STANDARD PIPE BEDDING DETAILS DRAWING PROVIDED WITH THIS PACKAGE.
- ALL MANHOLE COVERS TO BE IN ACCORDANCE WITH BS EN 124. MANHOLE COVERS IN FOOTWAYS ARE TO BE PROVIDED WITH NON-SLIP COVERS AND THOSE WITHIN TACTILE PAVING AREAS ARE TO BE PROVIDED WITH RECESSED COVERS FOR PAVING.
- ALL STORM ACCESS JUNCTIONS TO BE WAVIN 110MM uPVC ACCESS JUNCTIONS WITH COVERS TO IS 424:1990 OR SIMILAR APPROVED.
- STORM MANHOLES TO BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD MANHOLE DETAILS PROVIDED WITH THIS PACKAGE

WATERMAIN:

- WATERMAIN INFRASTRUCTURE TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER SPECIFICATION IW-CDS-5020-03
- WATER MAIN HOUSE CONNECTIONS TO COMPLY WITH SECTION 3.7 & 3.15.3 OF THE WATER CODE OF PRACTICE AND STD-W-26 STANDARD DETAIL
- AIR VALVES AND HYDRANTS TO COMPLY WITH 3.18 OF THE CODE OF PRACTICE
- PIPE MATERIAL SHALL BE HDPE OR MDPE IN ACCORDANCE WITH SECTION 3.9 AND SHALL COMPLY WITH SECTION 3.9 OF THE IRISH WATER CODE OF PRACTICE.
- THRUST BLOCKS TO WATERMAINS AS PER IW STANDARDS DETAIL STD - W - 28

FOUL DRAINAGE:

- THE PROPOSED FOUL SEWER NETWORK FOR THE SITE SHALL BE PROVIDED AS INDICATED ON THIS DRAWING. ALL PROPOSED FOUL SEWERS SHALL BE LAID AND PROTECTED IN TRENCHES AS SET OUT IN IW STANDARD DETAIL STD - VVW - 07
- ALL MANHOLE COVERS TO BE IN ACCORDANCE WITH BS EN 124. MANHOLE COVERS IN FOOTWAYS ARE TO BE PROVIDED WITH NON-SLIP COVERS AND THOSE WITHIN TACTILE PAVING AREAS ARE TO BE PROVIDED WITH RECESSED COVERS FOR PAVING.
- INDIVIDUAL WASTEWATER CONNECTION TO EACH DWELLING WILL BE AS PER STANDARD DETAIL STD-WW-02.
- THE INSPECTION CHAMBER WILL BE IN COMPLIANCE WITH STD-WW-03 AND STD-WW-13 AND WILL BE LOCATED WITHIN 1M OF EACH SITE BOUNDARY.
- PIPE MATERIALS SHALL COMPLY WITH SECTION 3.13. OF THE CODE OF PRACTICE.
- PIPE MATERIALS WILL BE THERMOPLASTIC STRUCTURED WALL PIPES FOR THE MAIN SEWERS AS PER SECTION 3.13.2 OF THE CODE OF PRACTICE AND UNPLASTICISED PVC FOR THE CONNECTIONS AS PER SECTION 3.13.3 OF THE CODE OF PRACTICE.
- FOUL MANHOLES TO BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD MANHOLE DETAILS PROVIDED WITH THIS PACKAGE
- SEPARATION DISTANCES FROM FOUL SEWERS TO STRUCTURES AND OTHER UTILITIES WILL COMPLY WITH SECTION 3.5 OF THE CODE OF PRACTICE.
- FOUL CONNECTIONS TO BE LAID AT 1:40 WHERE NO WC IS CONNECTED AND 1:80 ONCE WC IS CONNECTED OR HAS BEEN PICKED UP. AS PER IRISH WATER CODE OF PRACTICE - WASTEWATER - IW-CDS-5030-03.
- ALL SERVICES TO BE BROUGHT OUT THROUGH TOE OF RAFT FOUNDATION WHERE POSSIBLE.

WATER MAINS LEGEND:

EXISTING WATER SUPPLY

PROPOSED PE100 SDR17
WATER SUPPLY PIPE - Ø AS SHOWN

PROPOSED HYDRANT

PROPOSED BULK METER

PROPOSED SLUICE VALVE

PROPOSED AIR VALVE

PROPOSED 25mm DIA. MDPE SERVICE
CONNECTION & BOUNDARY BOX INCL. STOP
COCK (METER NOT REQUIRED, PROVISION
TO BE MADE FOR FUTURE INSTALLATION)

STORM SEWER LEGEND:

PR STORM S1
G.L. 14.33
I.L. 11.2

DETAILS

PROPOSED STORM SEWER AND
MANHOLE
(TYPE J IF NOT SPECIFIED)

AJ

PROPOSED STORM AJs (AS REQUIRED)
BY WAVIN OR EQUIVALENT APPROVED
WITH RISER, CONNECTORS, COVERS,
FITTINGS ETC AS REQUIRED FOR
SPECIFIC CONNECTIONS INCLUDING
AND 1000mm MANHOLE CONNECTION

GULLY

GULLY AND 1000mm uPVC CONNECTION

S/A

ROOF RUNOFF SOAKAWAY ALL
SOAKAWAYS TO BE DESIGNED IN
ACCORDANCE WITH BRE DIGEST
365:2016)

FOUL SEWER LEGEND:

PR FOUL F1
G.L. 14.33
I.L. 10.5

DETAILS

PROPOSED FOUL SEWER AND MANHOLE
(TYPE J IF NOT SPECIFIED)

AJ

PROPOSED FOUL AJs
(AS REQUIRED) BY WAVIN OR EQUIVALENT
APPROVED WITH RISER, CONNECTORS,
COVERS, FITTINGS ETC AS REQUIRED FOR
SPECIFIC CONNECTIONS WITH 1000
MANHOLE CONNECTION

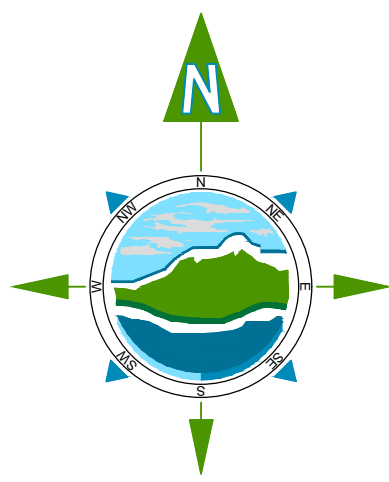
EX FOUL F2
G.L. 14.33
I.L. 10.5

DETAILS

EXISTING FOUL SEWER AND MANHOLE TO
BE RETAINED

GENERAL:

SITE BOUNDARY



SOAKAWAY NOTES
PROPOSED ATTENUATION TANK TO PROVIDE A MINIMUM OF 710m³ STORAGE CAPACITY. DIMS: 27m x 18m x 1.5m. TANK TO CONSIST OF STORMTECH CHAMBERS OR SIMILAR APPROVED. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED RECOMMENDATIONS, AND THE WORK CARRIED OUT AS INDICATED ON THIS DRAWING AND IN ACCORDANCE WITH RECOGNISED GOOD PRACTICE. THE UNITS SHALL BE INSTALLED WITH ALL NECESSARY, RODDING ACCESS AND ACCESSORIES AS REQUIRED FOR THE SCHEME. THE UNITS SHALL ALLOW FOR FREE ACCESS FOR CCTV / JETTING EQUIPMENT.

PETROL INTERCEPTOR NOTES
PROPOSED PETROL INTERCEPTOR. KRARGESTER NSBE015 CLASS 1 BYPASS SEPARATOR OR SIMILAR APPROVED. REFER TO CIVIL SPECIFICATION FOR FURTHER DETAILS. UNIT TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION AND WITH ALL NECESSARY ACCESSORIES AS REQUIRED FOR THE SCHEME.

MANHOLE COVERS
TO BE IN ACCORDANCE WITH BE EN 124-15 MANHOLE COVERS IN FOOTWAYS ARE TO BE PROVIDED WITH NON-SLIP COVERS AND THOSE WITHIN TACTILE PAVING AREAS ARE TO BE PROVIDED WITH RECESSED COVERS FOR PAVING.

PIPEWORK
PIPEWORK TO BE IN ACCORDANCE WITH THE RELEVANT IRISH WATER STANDARDS.

BOUNDARY BOX
BOUNDARY BOX TO BE PROVIDED IN ACCORDANCE WITH APPENDIX A - SPECIFICATION FOR BOUNDARY BOX AND FITTINGS OF IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE. METER NOT REQUIRED, PROVISION TO BE MADE FOR FUTURE INSTALLATION.

REFER TO CIVIL SPECIFICATION FOR FURTHER DETAILS ON THE PROPOSED ELEMENTS OF THE STORM AND FOUL SYSTEM.

NOTES:

- FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
- ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE
- ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES
- THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES
- ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Rev	Date	Description	By	Chkd.
P1	12.05.2021	Issue for Planning	SB	MG

Client: Galway County Council

Project: Housing Development
Maigh Cullinn, Co. Galway

Title: Proposed Services
Layout and Details

Scale @ A1: 1:500

Prepared by: SB
Checked: MG
Date: January 2020

Project Director: Michael McDonnell

Drawing Status: Planning

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Drawing No.: 10578-2100

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