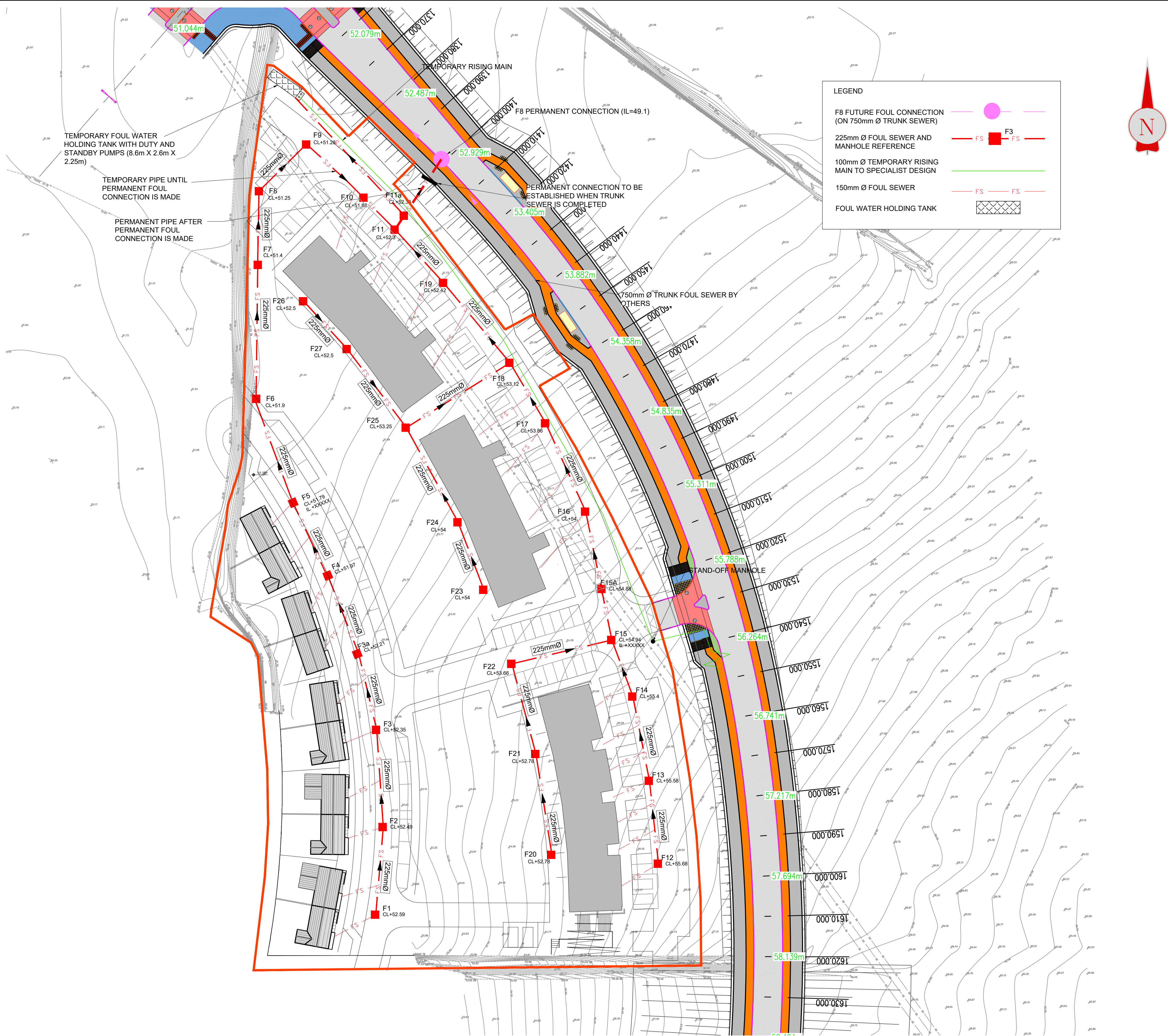




GENERAL NOTES :

ALL FOUL DRAINAGE IS TO COMPLY WITH IRISH WATER PUBLICATION: CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE DEC 2017

PERMISSIBLE FOUL SEWER PIPE TYPES :

-CONCRETE: CONCRETE SEWER PIPES WITH SPIGOT AND SOCKET JOINTS AND RUBBER RING FITTINGS SHALL COMPLY WITH IS EN 1916 (2002), BS 5911, PART 1 (2002 – 2010) AND IS 6 (2004) OR EQUIVALENT STANDARD. STRENGTH CLASS 120 WITH MINIMUM CRUSHING LOADS IN ACCORDANCE WITH TABLE 8 OF BS 5911-1 (2002- 2010). ALL PIPES AND FITTINGS SHALL HAVE GASKET TYPE JOINTS OF SPIGOT AND SOCKET OR REBATED FORM. (PIPE DIAMETERS 225MM AND ABOVE)

-UNPLASTICISED PVC: UPVC PIPES AND FITTINGS SHALL COMPLY WITH THE PROVISIONS IS EN 1401 2009/2012. PIPES TO BE APPLICATION AREA CODE "UD". STIFFNESS CLASS 8KN/M2 . PROVISION FOR JETTING SHALL BE BASED ON THE WRC SEWER JETTING CODE OF PRACTICE, JUNE 1997. PIPES TO BE CAPABLE OF RESISTING A MAXIMUM JETTING PUMP PRESSURE OF 2,600PSI (180 BAR) WITHOUT DAMAGE. (SEWER DIAMETERS 150MM UP TO 450MM, SERVICE CONNECTIONS OF 100MM DIAMETER);

ALLOW FOR A 1.75M AVERAGE PIPE DEPTH AT THE FIRST 50M OF SEWER RUN (FROM THE HEAD OF EACH SEWER RUN) AND A 2.25M DEPTH THEREAFTER.

THIS MARK UP IS TO BE READ IN CONJUNCTION WITH THE RPS STANDARD DRAINAGE DETAILS DRAWINGS.

ALLOW FOR 150 DIAMETER CONNECTOR SEWERS AT 1 IN 80 FALL TO APARTMENT BLOCKS AND HOUSES WITH EXTERNAL AJS LOCATED ADJACENT BUILDING FACADES

SUBFLOOR DRAINAGE TO COMPRISE 110 DIAMETER PIPES AT 1 IN 60 FALLS BY OTHERS.

IN THE PERMANENT CASE ON COMPLETION OF THE NEW DISTRIBUTOR ROAD TO THE EAST FOUL WATER WILL DISCHARGE TO THE 750MM DIAMETER TRUNK SEWER THAT WILL GO IN WITH THE CONSTRUCTION OF THIS ROAD.

THE PROPOSED CONNECTION POINT IS AT MANHOLE F8 ON THIS TRUNK SEWER.

IN THE EVENT THIS HOUSING DEVELOPMENT IS COMPLETED IN ADVANCE OF THE DISTRIBUTOR ROAD THEN A FOUL WATER HOLDING TANK WILL BE PROVIDED (SIZED FOR 12 HOUR STORAGE) COMPLETE WITH DUTY AND STANDBY PUMP SETS COMPLETE WITH PUMP FAILURE ALARM, HIGH LEVEL ALARM AND LIFTING DERRICK. A RISING MAIN FROM THIS HOLDING TANK WILL PUMP FOUL WATER BACK SOUTH TOWARDS EXISTING LOCAL AUTHORITY INFRASTRUCTURE ON OLD ROAD (LOCATED JUST NORTH OF THE R153).

R:\MDC0641 - Farganstown & Ashbourne Housing\6.0 Drawings\DWG\MDC0641-RPS-00-FN-DR-C-DG1003.dwg

Architect:

General Notes

(i) Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipients own risk. RPS will not accept any responsibility for any errors from the use of these files, either by human error by the recipient, listing of the un-dimensioned measurements, compatibility with the recipients software, and any errors arising when these files are used to aid the recipients drawing production, or setting out on site.

(ii) DO NOT SCALE, use figured dimensions only.

(iii) This drawing is the property of RPS, it is a project confidential classified document. It must not be copied used or its contents divulged without prior written consent. The needs and expectations of client and RPS must be considered when working with this drawing.

(iv) Information including topographical survey, geotechnical investigation and utility detail used in the design have been provided by others.

(v) All Levels refer to Ordnance Survey Datum, Malin Head.

S4	P02	05.10.20	PH	DW	ISSUE FOR PLANNING	✓
S2	P01	29.03.19	PH	DW	DRAFT ISSUE FOR COMMENT	✓
Rev	Date	Dwn	Chk	Amendment / Issue	App	

West Pier
Business Campus
Dun Laoghaire
Co. Dublin A96 N6T7

T +353 (0)1 4882900
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

Model File Identifier

Scale	1:500 @ A1 1:1000 @ A3	Project	FARGANSTOWN HOUSING	
Created on	29/03/2019	Title	PROPOSED FOUL WATER DRAINAGE LAYOUT	
Sheets	1 OF 1	File Identifier	MDC0641RPS-00-FN-DR-C-DG1003.dwg	Status
			S4	Rev
				P02