GENERAL NOTES:-

This drawing is for preliminary pricing purposes only and should not be used for construction purposes and the information shown is subject to storm water drainage design and confirmation of sewer outfall levels.

Preliminary adoptable drainage design is subject to consultation with Neath Port Talbot/ Dwr Cymru Welsh Water.

All drainage works to be offered for adoption shall comply with the requirements of Sewers for Adoption 7th Edition and are subject to the approval of DWR Cymru Welsh Water (DCWW) / Neath Port Talbot.

Where plastic materials are to be used for sewer apparatus to be adopted under a Section 104 Agreement, the following DCWW specifications shall apply:-

100mm diameter plastic pipe shall comply with the relevant provisions of BS EN 1401-1, BS EN 1852 and BS EN 12666-1 and be kite marked.
Thermoplastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2 and be kite marked.

The structured wall pipes permitted by DCWW are as follows:-

- Osma Ultrarib system by Wavin Plastics Limited in stiffness class SN8 between 150mm and 300mm diameter;
- Marley Twinwall system by Marley Plumbing and Drainage in stiffness class SN8 between 150mm and 300mm diameter;
- Uponor Ultrarib system by Uponor Limited in stiffness class SN8 between 150mm and 300mm diameter;
- Polysewer Twinwall system by Polypipe Building Products Limited in stiffness class SN8 between 150mm and 300mm diameter;
- Rigidsewer Twinwall system by Polypipe Civils Limited in stiffness class SN4 and 8 between 400mm and 600mm diameter and in stiffness class SN4 between 750mm and 900mm diameter.

Maximum allowable pipe length is 3.0m.

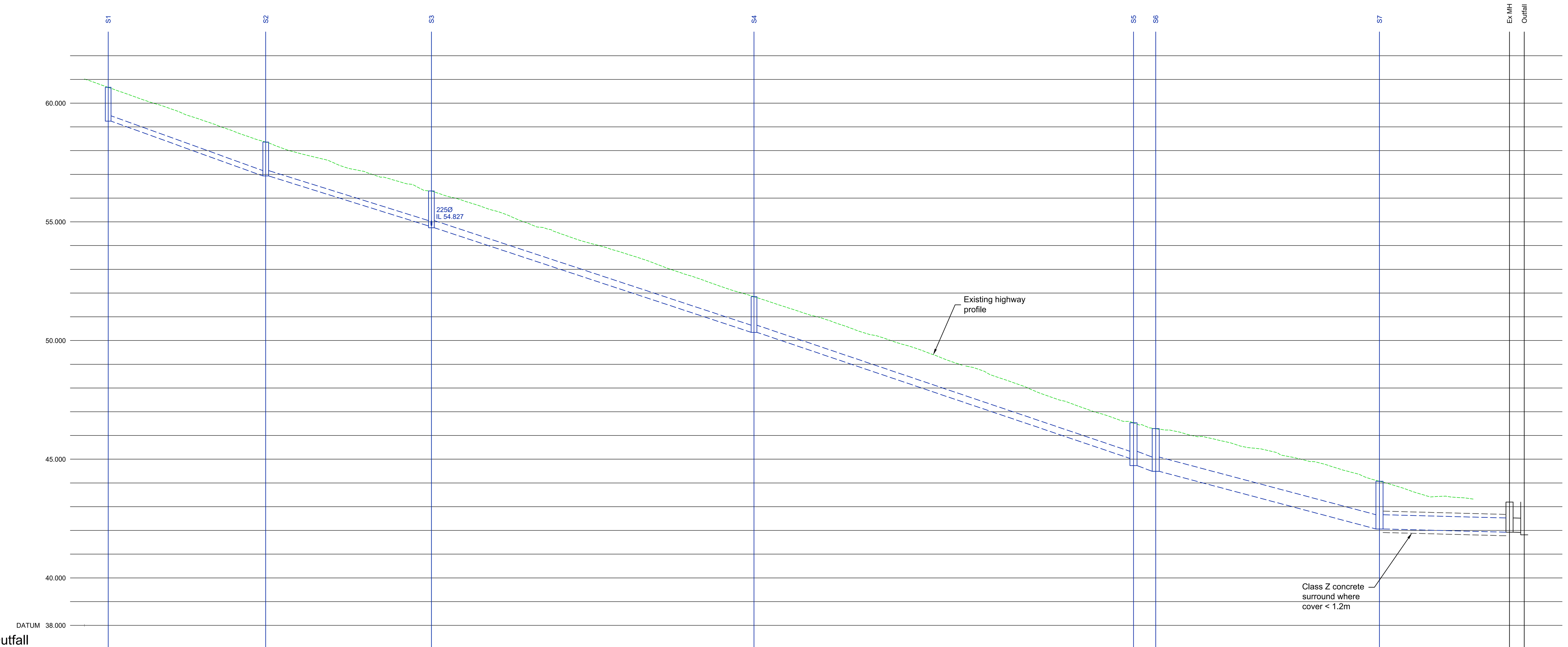
The Contractor is to check and verify all building and site dimensions, levels and sewer invert levels at connection points before work starts. Any discrepancy is to be reported to Spring Design before work commences.

The drawing must be read with and checked against any structural, geotechnical or other specialist documentation provided.

The existing ground levels along the route of the proposed road are to be confirmed by the Contractor before works commence.

All roads which are to be the subject of a Section 38 Agreement are to be constructed in accordance with the Local Highway Authority's current specification and to the satisfaction of the Local Highway Authority's Engineer.

No responsibility will be taken for any construction work undertaken prior to receipt of technical approvals for the intended construction, or when work is not executed strictly in accordance with the drawings.

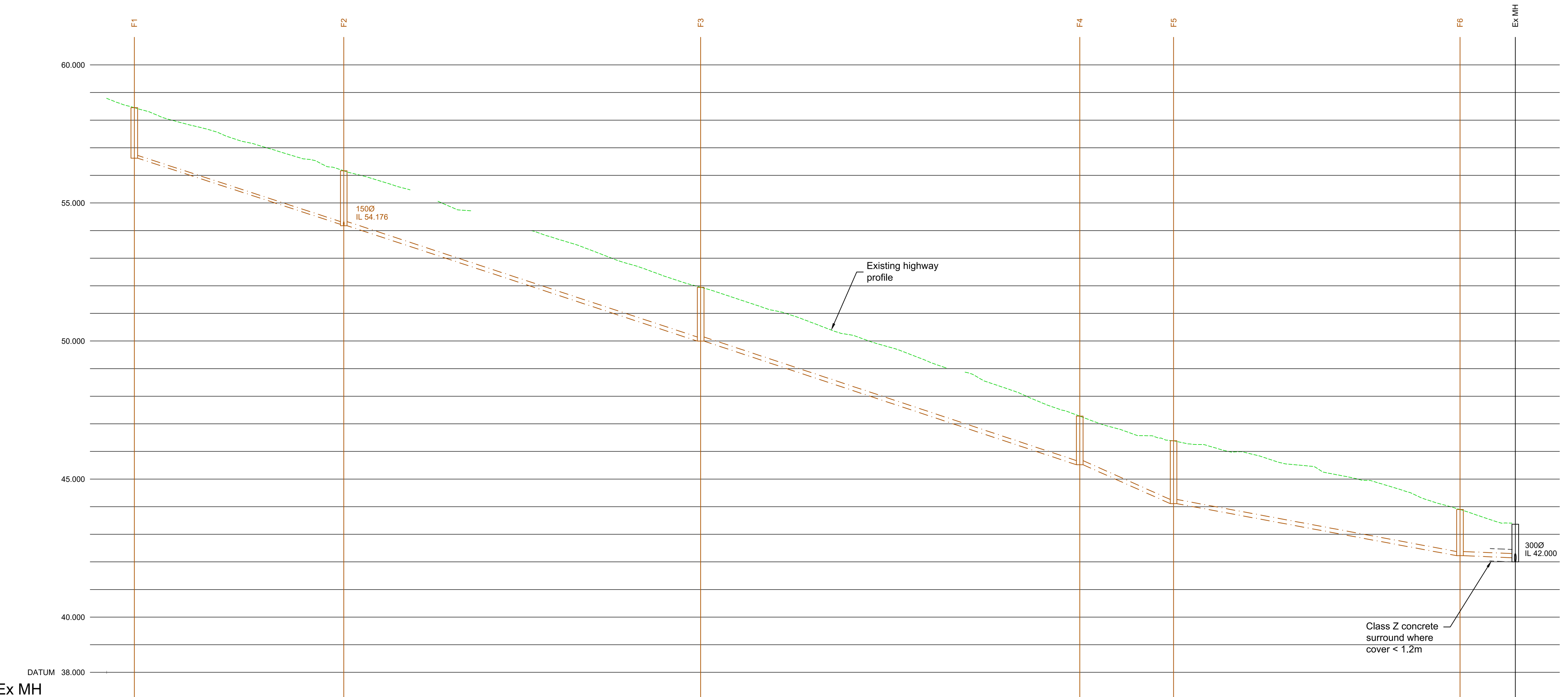


S1 to Outfall

GROUND LEVEL															
61.017	60.313	59.634	58.921	58.231	57.657	57.043	56.487	55.883	55.213	54.528	53.916	53.265	52.574	51.919	
51.268	50.632	49.998	49.324	48.665	47.899	47.199	46.594	46.177	45.760	45.342	44.862	44.245	43.636	43.382	

	S1	S2	S3	S4	S5	S6	S7	Ex MH	Outfall
STORMWATER COVER LEVEL	60.667	58.360	56.299	51.846	46.533	46.289	44.071	43.195	43.195
STORMWATER INVERT	59.242	56.935 / 56.935	54.827 / 54.752	50.346 / 50.346	45.033 / 44.733	44.489 / 44.489	42.062 / 42.062	41.925	[illegible]

STORMWATER DETAILS	Pipe 1.000 225Ø PVCu 1 in 14	Pipe 1.001 225Ø PVCu 1 in 17	Pipe 1.002 300Ø PVCu 1 in 15	Pipe 1.003 300Ø PVCu 1 in 15	Pipe 1.004 600Ø Conc. 1 in 19	Pipe 1.005 600Ø Conc. 1 in 19	Pipe 1.006 600Ø Conc. 1 in 200	Pipe 1.007 Existing Twin 600Ø Conc 1 in ?
STORMWATER LENGTHS	33.209	34.930	67.997	79.998	4.683	47.164	27.408	3.114



F1 to Ex MH

GROUND LEVEL												
58.789	58.104	57.565	56.940	56.311	55.765	55.057	53.795	53.109	52.421	51.804	51.133	50.488
49.873	49.160	48.475	47.703	46.994	46.516	46.169	45.751	45.277	44.873	44.186	43.563	

	F1	F2	F3	F4	F5	F6	Ex MH
FOULWATER COVER LEVEL	58.450	56.166	51.947	47.279	46.387	43.897	43.365
FOULWATER INVERT	56.623	54.226 / 54.176	49.996 / 49.996	45.518 / 45.518	44.110 / 44.110	42.225 / 42.225	42.150 / 42.000

FOULWATER DETAILS	Pipe 1.000 100Ø PVCu 1 in 16	Pipe 1.001 150Ø PVCu 1 in 15	Pipe 1.002 150Ø PVCu 1 in 15	Pipe 1.003 150Ø PVCu 1 in 12	Pipe 1.004 150Ø PVCu 1 in 28	Pipe 1.005 150Ø PVCu 1 in 134
FOULWATER LENGTHS	37.920	64.607	68.628	16.984	51.846	10.019

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rev	date	description	by	rev	date	description	by
A	Apr' 20	Manhole F6 invert level revised to provide soffit to soffit connection at Ex MH	RMJ	-	-	-	-

Status:

PRELIMINARY

Drawn:	RMJ	Client:	Waterstone Homes
Checked:	RMJ	Project:	Coed Darcy, Phase 2
Date:	Feb' 2020	Title:	Road & Sewer Long. Sects.-Sheet 2 of 2
Scale:	1:500(H); 1:100(V)	Ref:	2432 - 600 -2 Rev: A

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