

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 12966-1.
- Thermoplastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2.
- The structured wall pipes permitted by DCWW are as follows:-
 - Osma Ultrarb system by Wavin Plastics Limited in stiffness class SN8 between 150mm and 300mm diameter;
 - Maskey Twinwall system by Maskey Plumbing and Drainage in stiffness class SN8 between 150mm and 300mm diameter;
 - Uponor Ultrarb system by Uponor Limited in stiffness class SN8 between 150mm and 300mm diameter;
 - Polysewer Twinwall system by Polytype Building Products Limited in stiffness class SN8 between 150mm and 300mm diameter;
 - Rigidsewer Twinwall system by Polytype 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.

RD1		DATUM 50.000
CHAINAGE		0.000
EXISTING GROUND LEVEL		55.395
ALIGNMENT LEVEL		55.395
VERTICAL ALIGNMENT		G= 6.667%
HORIZONTAL ALIGNMENT		
STORMWATER COVER LEVEL		
STORMWATER INVERT		
STORMWATER DETAILS		
STORMWATER LENGTHS		
FOULWATER COVER LEVEL		
FOULWATER INVERT		
FOULWATER DETAILS		
FOULWATER LENGTHS		

RD2		DATUM 51.000
CHAINAGE		0.000
EXISTING GROUND LEVEL		58.240
ALIGNMENT LEVEL		58.240
VERTICAL ALIGNMENT		G= 4.000%
HORIZONTAL ALIGNMENT		
STORMWATER COVER LEVEL		
STORMWATER INVERT		
STORMWATER DETAILS		
STORMWATER LENGTHS		
FOULWATER COVER LEVEL		
FOULWATER INVERT		
FOULWATER DETAILS		
FOULWATER LENGTHS		

RD3		DATUM 52.000
CHAINAGE		0.000
EXISTING GROUND LEVEL		57.841
ALIGNMENT LEVEL		57.841
VERTICAL ALIGNMENT		G= 4.000%
HORIZONTAL ALIGNMENT		
STORMWATER COVER LEVEL		
STORMWATER INVERT		
STORMWATER DETAILS		
STORMWATER LENGTHS		
FOULWATER COVER LEVEL		
FOULWATER INVERT		
FOULWATER DETAILS		
FOULWATER LENGTHS		

RD4		DATUM 55.000
CHAINAGE		0.000
EXISTING GROUND LEVEL		60.355
ALIGNMENT LEVEL		60.355
VERTICAL ALIGNMENT		G= 1.250%
HORIZONTAL ALIGNMENT		
STORMWATER COVER LEVEL		
STORMWATER INVERT		
STORMWATER DETAILS		
STORMWATER LENGTHS		
FOULWATER COVER LEVEL		
FOULWATER INVERT		
FOULWATER DETAILS		
FOULWATER LENGTHS		

TH4		DATUM 55.000
CHAINAGE		0.000
EXISTING GROUND LEVEL		60.355
ALIGNMENT LEVEL		60.355
VERTICAL ALIGNMENT		G= 1.250%
HORIZONTAL ALIGNMENT		
STORMWATER COVER LEVEL		
STORMWATER INVERT		
STORMWATER DETAILS		
STORMWATER LENGTHS		
FOULWATER COVER LEVEL		
FOULWATER INVERT		
FOULWATER DETAILS		
FOULWATER LENGTHS		

TANK TH		DATUM 53.000
CHAINAGE		0.000
EXISTING GROUND LEVEL		58.515
ALIGNMENT LEVEL		58.515
VERTICAL ALIGNMENT		G= 6.667%
HORIZONTAL ALIGNMENT		
STORMWATER COVER LEVEL		
STORMWATER INVERT		
STORMWATER DETAILS		
STORMWATER LENGTHS		
FOULWATER COVER LEVEL		
FOULWATER INVERT		
FOULWATER DETAILS		
FOULWATER LENGTHS		