

1. Do not scale this drawing.
2. This drawing is to be read in conjunction with Architect's relevant drawings and specification.
3. The Contractor shall check all dimensions prior to commencing construction and report any errors / omissions to the Engineer.

1. All spur connections to be laid at a minimum gradient of 1:60 from the adoptable manhole.
2. All drainage works to be constructed in accordance with 'Sewers For Adoption 5th Edition and supplementary clauses prepared by the water authority' to the satisfaction of Dwr Cymru Welsh Water.
3. All foul water drainage pipework to be ESWC to BS65,
4. All storm water drainage pipework to be ESWC to BS65,
5. All drainage materials shall be in accordance with Sewers For Adoption 5th Edition to the satisfaction of Dwr Cymru Welsh Water.

ROAD A: 4.5m WIDE (PRIVATE)
ROAD B: 5.5m WIDE + 2m WIDE FOOTWAYS (ADOPTED)
ROAD C: 4.8m WIDE + 2m WIDE FOOTWAYS
ROAD D: 4.8m WIDE + MARGINAL STRIP 2m WIDE (ADOPTED)
ROAD E: 4.5m WIDE (PRIVATE)

Carriageways, footways, verges etc, to be constructed in accordance with the requirements of Neath Port Talbot County Borough Council's Specification / Design Criteria.

1. The outer edge of all pipelines and manholes shall be a minimum 1.0m and 0.5m from the kerbline respectively. All pipelines should be a minimum 3.0m from all buildings.

2. The developer must self-ver and certify that the design standards and workmanship specifications adoptable sewers are in accordance with "Sewers for Adoption" 5th Edition and to of DCWW as teh Statutory Sewerage Undertaker.

FOUL MANHOLE SCHEDULE						
MH Ref.	Cover Level	Pipe Details		Chamber Details		
		I.L.	Ø	Type	Dimension	Cover Type
F1	7.640 EX	5.990 EX 8.500 BD		Existing Manhole		
F2	13.500	10.089		A	1200	D400
F3	14.000	10.315 11.805 BD		A	1200	D400
F4	14.970	11.000		A	1200	D400
F5	15.140	11.367		A	1200	D400
F6	15.000	11.920		B	1200	D400
F7	14.729	12.040		B	1200	D400
F8	16.700	12.882		A	1200	D400
F9	16.150	13.175		B	1200	D400
F10	14.900	13.400		C	1240x675	D400
F11	15.700	13.583		B	1200	D400
F12	17.250	13.962		A	1200	D400
F13	19.450	16.228		A	1200	D400
F14	20.350	16.483		A	1200	D400
F15	20.000	16.739		A	1200	D400
F16	19.250	17.241		B	1200	D400
F17	18.840	17.340		C	1240x675	D400

MH Ref.	Cover Level	Pipe Details		Chamber Details		
		I.L.	Ø	Type	Dimension	Cover Typ.
F2.1	12.220	10.762		C	1246x675	D400
F3.1	15.600	12.557 14.097 BD		B	1200	D400
F3.2	17.800	15.706		B	1200	D400
F3.3	19.500	17.464		B	1200	D400
F3.4	19.950	17.738		B	1200	D400

MH Ref.	Cover Level	Pipe Details		Chamber Details		
		LL	Ø	Type	Dimension	Cover Type
S2.1	12.293	8.925		B	1200	D400
S3.1	15.600	12.022 13.522 BD		A	1200	D400
S3.2	18.000	15.284		B	1200	D400
S3.3	19.200	16.711		B	1200	D400
S3.4	19.950	17.046		B	1200	D400
S9.1	14.692	12.753		R	1200	D400
S17	11.805	10.728		C	1240x675	D400
S18	11.920	10.870		C	1240x675	D400
S19	11.720	10.500		C	1240x675	D400
S20	14.100	11.051		B	1240x675	D400

SURFACE WATER MANHOLE SCHEDULE						
MH Ref.	Cover Level	Pipe Details		Chamber Details		
		I.L.	Ø	Type	Dimension	Cover Ty
S1	—	5.555	S1 375ø → 375ø	OUTFALL		
S2	13.943	8.322	375ø S2 1500ø	HYDRORAKE A	SEE DETAIL	D400
S3	13.871	8.530	375ø S3 1500ø	A	2400	D400
S4	14.943	9.233	375ø S4 1500ø	A	2400	D400
S5	15.128	9.600	375ø S5 1500ø	A	2400	D400
S6	15.294	11.310 10.090	375ø S6 1500ø	A	2400	D400
S7	15.614	11.633	375ø S7 300ø	A	1200	D400
S8	16.771	12.328	375ø S8 300ø	A	1200	D400
S9	16.054	12.650	225ø S9 225ø	A	1200	D400
S10	14.987	12.844	225ø S10	B	1200	D400
S11	15.631	13.027	225ø S11 225ø	B	1200	D400
S12	17.1R5	13.406 14.895 RD	225ø S12 225ø	A	1200	D400
S13	19.388	15.649	225ø S13 225ø	A	1200	D400
S14	20.294	15.927	225ø S14 225ø	A	1200	D400
S15	19.970	16.210	225ø S15 225ø	A	1200	D400
S16	19.190	16.741	225ø S16 225ø	B	1200	D400

LEGEND	
	Land Drainage - all 225mm unless noted otherwise
	Surface Water Drainage
	Foul Water Drainage
	Site Boundary
	Park Boundary
	Casement
	Highway Drainage

F	10/06/06	Minor amendments in accordance with DCWV requirements.
B	10/04/06	Amendments in accordance with DCWV requirements.
D	37/02/06	Amendments in accordance with LA requirements.
C	37/03/06	Amendments in accordance with LA requirements.
B	19/01/06	Amendments in accordance with DCWV requirements - \$18, \$19, \$20.
A	12/12/05	Amendments in accordance with DCWV requirements - gully pipe into
Rev.	Date	Description

COLIN BOON ASSOCIATES
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CLIENT:
Mr T Barry & Mr V Price

PROJECT: PROPOSED RESIDENTIAL
DEVELOPMENT, FARTEG FAWR
BRYN, PORT TALBOT.

PROPOSED SITE PLAN

Drawn by:	SPF	Traced by:	Approved by:
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Date:	Sept. 2005	Scale:	1-500
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Drawing No:	05.371 - 01	Re:
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