



ALIGNMENT ROAD 1									
LOCATION	CHAINAGE	EASTING	NORTHING	LEVEL	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
JP1-1	0.000	310834.136	268834.909	238.161					
CP1-1	10.000	310843.523	268831.460	238.061					
TP1-1a	19.280	310852.233	268828.259	237.980					
IP1-1		310855.675	268826.995		40.000	110.17703	10.47607	7.314	3.667
CP1-2	20.000	310852.911	268828.017	237.976					
TP1-1b	26.594	310859.290	268826.377	237.965		99.70096			
CP1-3	30.000	310862.647	268825.803	237.974					
TP1-2a	32.538	310865.149	268825.375	237.988		99.70096	10.29841	7.190	3.605
IP1-2		310868.702	268824.768		40.000	89.40255			
TP1-2b	39.728	310872.306	268824.805	238.047					
CP1-4	40.000	310872.579	268824.808	238.049					
CP1-5	50.000	310882.578	268824.921	238.133		89.40255	3.54200	6.182	3.092
TP1-3a	52.157	310884.732	268824.935	238.151					
IP1-3		310887.827	268824.967		100.000	85.86055			
TP1-3b	58.338	310890.916	268825.191	238.202					
CP1-6	60.000	310892.574	268825.311	238.216					
EP1-1	64.089	310896.652	268825.606	238.250		85.86055			

ALIGNMENT ROAD 2									
LOCATION	CHAINAGE	EASTING	NORTHING	LEVEL	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
JP2-1	0.000	310878.997	268824.875	238.103					
TP2-1a	6.347	310879.063	268818.528	238.166		179.40255			
IP2-1		310879.094	268815.525		15.000	179.40255	22.64099	5.927	3.003
CP2-1	10.000	310879.543	268814.916	238.198					
TP2-1b	12.275	310880.279	268812.766	238.210		156.76156			
TP2-2a	13.574	310880.792	268811.572	238.215		156.76156			
IP2-2		310885.250	268801.188		27.000	45.42156		21.404	11.300
TP2-2	20.000	310882.604	268805.423	238.215					
CP2-3	30.000	310882.429	268795.481	238.138					
TP2-2b	34.979	310880.984	268790.725	238.089		202.18311			
CP2-4	40.000	310879.088	268786.075	238.038					
JP2-2	44.047	310877.560	268782.327	237.998		202.18311			

ALIGNMENT ROAD 3									
LOCATION	CHAINAGE	EASTING	NORTHING	LEVEL	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
SP3-3	0.000	310844.402	268781.507	238.100					
CP3-1	10.000	310854.398	268781.813	238.191		88.24478			
TP3-1a	16.102	310860.497	268782.000	238.192		88.24478			
IP3-1		310863.493	268782.092		62.000	5.53588		5.990	2.998
CP3-2	20.000	310864.387	268782.242	238.163					
TP3-1b	22.092	310866.466	268782.472	238.139		82.70890			
TP3-2a	27.071	310871.405	268783.104	238.076		82.70890			
IP3-2		310878.342	268783.992		12.400	58.84958		12.736	6.994
CP3-3	30.000	310874.327	268783.131	238.040					
TP3-2b	39.807	310882.691	268778.514	237.917		141.55848			
CP3-4	40.000	310882.810	268778.363	237.915					
EP3-3	45.174	310886.027	268774.311	237.850		141.55848			

JUNCTION DETAILS : ROAD 1 - EXISTING LH Side					
Curve 1	E	N	Level	Radius	
Centre O1 :	310850.605	268842.441		10.000	
Start TP1 :	310841.054	268845.402	238.481		
End TP2 :	310847.156	268833.055	237.963		

JUNCTION DETAILS : ROAD 1 - EXISTING RH Side					
Curve 2	E	N	Level	Radius	
Centre O2 :	310843.044	268818.052		10.000	
Start TP3 :	310833.493	268821.014	237.924		
End TP4 :	310846.494	268827.439	237.950		

JUNCTION DETAILS : ROAD 2 - ROAD 1 LH Side					
Curve 1	E	N	Level	Radius	
Centre O1 :	310888.286	268816.281		6.000	
Start TP1 :	310887.808	268822.262	238.106		
End TP2 :	310882.629	268814.285	238.139		

JUNCTION DETAILS : ROAD 2 - ROAD 1 RH Side					
Curve 2	E	N	Level	Radius	
Centre O2 :	310870.456	268816.074		6.000	
Start TP3 :	310870.633	268822.071	237.965		
End TP4 :	310876.420	268816.733	238.112		

JUNCTION DETAILS : ROAD 2 - ROAD 3 LH Side					
Curve 1	E	N	Level	Radius	
Centre O1 :	310892.894	268786.167		10.000	
Start TP1 :	310883.608	268789.878	238.022		
End TP2 :	310885.061	268779.950	237.827		

JUNCTION DETAILS : ROAD 2 - ROAD 3 RH Side					
Curve 2	E	N	Level	Radius	
Centre O2 :	310869.182	268795.548		10.000	
Start TP3 :	310878.444	268791.780	238.020		
End TP4 :	310870.641	268785.656	238.000		

Rev	Drawn	Checked	Pass	Date
A	HC	NC	NC	30.11.20
B	HC	NC	NC	23.03.21

Client: **Butler Wall Homes**

Project: **Llanddewi Hall, Llandrindod Wells**

Title: **Setting Out Information**

blackburn griffiths ltd
 Consulting Civil & Structural Engineers
 Unit 3, Evans Business Centre, Western Ind. Est.
 Coerphilly, CF83 1BE
 T: 02920 807 586 E: info@blackburngriffiths.co.uk

Drawn	Checked	Approved	Date	Scales @ A1	Project Ref.	Drawing No.	Rev.
AT	NG	NG	Dec '20	1:200	3207	220	B