



Site	Mayton Street	Assessor	Paul Goddard
Client	John Southworth Builders	Accreditation	EES/05113
Date	07/05/2021	Tel	01925 733942
Ref	AG-74562-Post Construction Assessment	Web	www.andersongoddard.com
Drawing ref	1914-GWP-01-01-DR-A-(PA)-0003	email	Info@andersongoddard.com

Thermal Values				Thermal Mass	Kappa
Ground Floor	150mm EPS Platinum λ 0.030	0.14 W/m²K	Suspended		75
Main wall	Kingspan Logic Plus	0.21 W/m²K	Timber		9
Party walls	Filled and sealed cavity	0.00 W/m²K	Timber		20
Roof Cold (PIJ)	500mm mineral wool λ 0.040 , 100 between 400 above Joists	0.08 W/m²K	Timber, plaster board		9
Roof Warm (PIR)		W/m²K	Timber, plaster board		9
Roof Flat (FL)		W/m²K	Timber, plaster board		9
Windows	Double glazed Hard coat g-Value 0.74	1.40 W/m²K			
Doors		1.20 W/m²K			

Heating, Ventilation, LZC etc.				Comments	
Thermal Bridging	Construction Details, Kingspan Logic Plus	variable	Y-Value		
LE lights	Minimum of 100%	100	%		
Boiler	Electric Panel Heaters	100	%		
Domestic Hot Water (DHW)	Dimplex EDL200UK-630, Air Source Heat Pump Cylinder				
Controls	Programmer and appliance thermostat				
Ventilation	Part F, System 3, decentralised Mechanical Extract Ventilation (dMEV), Cooker extracts to plots 1, 6, 13, 19, & 21				
Secondary heating	None				
LZC	None				
Appendix G (FGHRS / WWHRS)	None				
Appendix Q (other Tech)	None				
Overheating	Assumed, Windows can be fully opened, Cross Ventilation is possible on dwellings with two elevations and in all other cases a minimum ACR of 4				

Property details						AD.L1a 2013 Criterion 1 & CfSH input data									Block Compliance				M & E		Low or Zero Carbon Technologies (LZC)										
Plot N°	Site	House Type	Front Orient	Side	Det	GIFA	DER	TER	DER / TER %	DER =< TER	DFEE	TFEE	DFEE / TFEE %	DFEE =< TFEE	Air Test	SAP Rating	Band	DER x TFA	TER x TFA	DFEE x TFA	TFEE x TFA	Heating	Ventilation	Orientation	Roof Angle	Min PV Kw Peak	No Panels	Panel size watts	* ASR	Actual PV Peak	* Yield PA
1	A	3B 4P	West	North	End	88.22	24.01	26.77	10.31%	PASS	44.61	56.44	20.96%	PASS	3.61	79	C	2118.16	2361.65	3935.49	4979.14	Electric	System 3	-	-	-	-	-	-	-	-
2	A	3B 4P	West		Mid	88.22	21.23	24.62	13.76%	PASS	38.65	48.85	20.88%	PASS	3.96	82	B	1872.91	2171.98	3409.70	4309.55	Electric	System 3	-	-	-	-	-	-	-	-
3	A	3B 4P	West	South	End	88.22	23.66	26.39	10.34%	PASS	43.48	54.79	20.64%	PASS	3.61	79	C	2087.29	2328.13	3835.81	4833.57	Electric	System 3	-	-	-	-	-	-	-	-
4	B	2B 3P	West	North	Semi	71.14	24.82	28.64	13.33%	PASS	45.52	57.46	20.77%	PASS	3.79	80	C	1765.69	2037.45	3238.29	4087.70	Electric	System 3	-	-	-	-	-	-	-	-
5	B	2B 3P	West	South	Semi	71.14	24.47	28.41	13.86%	PASS	45.44	57.04	20.33%	PASS	3.78	80	C	1740.80	2021.09	3232.60	4057.83	Electric	System 3	-	-	-	-	-	-	-	-
6	C	3B 4P	North	East	End	88.22	23.16	26.01	10.95%	PASS	42.53	53.50	20.50%	PASS	3.76	80	C	2043.18	2294.60	3752.00	4719.77	Electric	System 3	-	-	-	-	-	-	-	-
7	C	3B 4P	North		Mid	88.22	20.60	24.09	14.48%	PASS	36.47	46.55	21.65%	PASS	3.53	82	B	1817.33	2125.22	3217.38	4106.64	Electric	System 3	-	-	-	-	-	-	-	-
8	C	3B 4P	North	West	End	88.22	23.07	25.88	10.85%	PASS	41.41	52.59	21.25%	PASS	3.16	80	C	2035.24	2283.13	3653.19	4639.49	Electric	System 3	-	-	-	-	-	-	-	-
9	D	2B 3P	North	East	Semi	71.14	24.22	28.12	13.86%	PASS	43.60	55.20	21.01%	PASS	3.71	80	C	1723.01	2000.46	3101.70	3926.93	Electric	System 3	-	-	-	-	-	-	-	-
10	D	2B 3P	North	West	Semi	71.14	24.22	28.12	13.86%	PASS	43.44	55.20	21.30%	PASS	3.49	80	C	1723.01	2000.46	3090.32	3926.93	Electric	System 3	-	-	-	-	-	-	-	-
11	E	3B 4P	North	East	Semi	88.22	23.41	26.19	10.61%	PASS	42.05	53.63	21.59%	PASS	3.15	79	C	2065.23	2310.48	3709.65	4731.24	Electric	System 3	-	-	-	-	-	-	-	-
12	E	3B 4P	North	West	Semi	88.22	23.41	26.19	10.61%	PASS	42.29	53.63	21.14%	PASS	3.53	79	C	2065.23	2310.48	3730.82	4731.24	Electric	System 3	-	-	-	-	-	-	-	-
13	F	3B 4P	West	North	End	88.22	24.02	26.77	10.27%	PASS	44.75	56.44	20.71%	PASS	3.82	79	C	2119.04	2361.65	3947.85	4979.14	Electric	System 3	-	-	-	-	-	-	-	-
14	F	3B 4P	West		Mid	88.22	21.23	24.62	13.76%	PASS	38.51	48.85	21.16%	PASS	3.75	82	B	1872.91	2171.98	3397.35	4309.55	Electric	System 3	-	-	-	-	-	-	-	-
15	F	3B 4P	West	South	End	88.22	23.66	26.39	10.34%	PASS	43.49	54.79	20.62%	PASS	3.62	79	C	2087.29	2328.13	3836.69	4833.57	Electric	System 3	-	-	-	-	-	-	-	-
16	G	2B 3P	West	North	Semi	71.14	24.88	28.64	13.12%	PASS	45.56	57.46	20.71%	PASS	3.70	80	C	1769.96	2037.45	3241.14	4087.70	Electric	System 3	-	-	-	-	-	-	-	-
17	G	2B 3P	West	South	Semi	71.14	24.52	28.41	13.69%	PASS	45.51	57.04	20.21%	PASS	3.73	80	C	1744.35	2021.09	3237.58	4057.83	Electric	System 3	-	-	-	-	-	-	-	-
18	H	2B 3P	East	North	Semi	71.14	24.82	28.64	13.33%	PASS	45.47	57.46	20.86%	PASS	3.72	80	C	1765.69	2037.45	3234.74	4087.70	Electric	System 3	-	-	-	-	-	-	-	-
19	H	2B 3P	East	South	Semi	71.14	25.14	28.76	12.58%	PASS	45.95	57.87	20.59%	PASS	3.92	80	C	1788.46	2045.99	3268.88	4116.87	Electric	System 3	-	-	-	-	-	-	-	-
20	I	3B 4P	East	North	Semi	88.22	23.66	26.39	10.34%	PASS	43.55	54.79	20.51%	PASS	3.71	79	C	2087.29	2328.13	3841.98	4833.57	Electric	System 3	-	-	-	-	-	-	-	-
21	I	3B 4P	East	South	Semi	88.22	23.68	26.39	10.26%	PASS	43.44	54.79	20.71%	PASS	3.55	79	C	2089.05	2328.13	3832.28	4833.57	Electric	System 3	-	-	-	-	-	-	-	-
SITE AVERAGE						1715.98	23.53	26.75	12.03%	PASS	42.98	54.31	20.86%	PASS				40381.12	45905.10	73745.45	93189.53	Electric	System 3	-	-	-	-	-	-	-	