

Parcel	Total As Built Emissions kgCO2/year	Part I Compliant Target Emissions kgCO2/year
B1-B3	212,042.30	261,391.46
B3A	78,538.41	97,338.49
B4	197,829.01	246,624.90
B5	41,466.17	52,298.90
B6	124,762.96	155,579.22
C1	168,308.96	223,246.41
C2A & C2B	112,373.42	142,190.79
C3 & C7	136,554.81	173,208.86
C4	99,733.81	123,765.40
C5 & C6	123,968.07	154,693.17
Gateway	78,444.51	97,281.87
	1,374,022.42	1,727,619.46

Total TER (Building Regulations 2013) 1,727,619.46

Total DER (Building Regulations 2013) 1,374,022.42

CO2 Emissions Reduction 353,597.04

% Improvement over Building Regulations Part L 2013 20.47%

Plot	House Type	Total Floor Area	PV kWp	PV kWh (MCS)	Dwelling Emission Rate DER kgCO2/sqm/year	Target Emission Rate TER kgCO2/sqm/year	% Reduction	EPC Issue Date	DER x FA kgCO2/year	TER x FA kgCO2/year
1	308 Semi (Op)	110.16		752.00	13.21	16.70	20.91	16/05/2017	1,455.21	1,839.67
2	308 Semi (As)	110.16		752.00	13.23	16.70	20.79	11/05/2017	1,457.42	1,839.67
3	308 Semi (Op)	110.16		758.00	13.3	16.70	20.37	15/06/2017	1,465.13	1,839.67
4	308 Semi (As)	110.16		757.50	13.34	16.70	20.13	15/06/2017	1,469.53	1,839.67
5	308 Semi (Op)	110.16		757.50	13.2	16.70	20.97	16/08/2017	1,454.11	1,839.67
6	308 Semi (As)	110.16		757.50	13.17	16.70	21.15	16/08/2017	1,450.81	1,839.67
7	308 Semi (Op)	110.16		761.00	13.17	16.70	21.15	07/09/2017	1,450.81	1,839.67
8	308 Semi (As)	110.16		761.00	13.29	16.70	20.43	15/06/2017	1,464.03	1,839.67
9	411 A Det (As)	168.12		1015.00	11.5	14.75	22.01	07/09/2017	1,933.38	2,479.77
10	404 Det (As)	130.47		795.00	13.05	16.55	21.16	21/06/2017	1,702.63	2,159.28
11	307 Det (As)	117.16		795.00	13.37	17.28	22.63	21/06/2017	1,566.43	2,024.52
12	307 Det (Op)	117.16		816.00	13.09	17.28	24.25	21/06/2017	1,533.62	2,024.52
13	402 Det (As)	118.6		837.00	13.05	17.10	23.68	21/06/2017	1,547.73	2,028.06
14	411 A Det (Op)	168.12		1010.00	11.54	14.78	21.95	03/11/2017	1,940.10	2,484.81
15	402 Det (As)	118.6		752.00	13.07	16.75	21.99	28/07/2017	1,550.10	1,986.55
16	310.I Semi (Op)	88.12		635.00	14.28	18.15	21.33	15/11/2017	1,258.35	1,599.38
17	306 Semi (Op)	95.66		657.00	13.69	17.35	21.11	15/11/2017	1,309.59	1,659.70
18	404 Det (Op)	130.47		876.00	12.77	16.55	22.85	05/12/2017	1,666.10	2,159.28
19	301 Semi (Op)	77.82		657.00	13.95	18.49	24.55	05/10/2017	1,085.59	1,438.89
20	301 Semi (As)	77.82		657.00	13.92	18.49	24.72	05/10/2017	1,083.25	1,438.89
21	306 Semi (As)	95.66		657.00	14.26	17.53	18.66	05/10/2017	1,364.11	1,676.92
22	306 Semi (Op)	95.66		657.00	13.71	17.35	21.00	16/10/2017	1,311.50	1,659.70
23	306 Semi (As)	95.66		657.00	13.18	16.86	21.84	03/11/2017	1,260.80	1,612.83
24	306 Semi (Op)	95.66		657.00	13.4	17.03	21.33	03/11/2017	1,281.84	1,629.09
25	405 Det (Op)	137.51		876.00	13.5	17.33	22.10	28/11/2017	1,856.39	2,383.05
26	411 A Det (Op)	168.12		935.00	11.86	14.96	20.70	16/08/2017	1,993.90	2,515.08
27	402 Det (Op)	118.6		697.00	13.53	16.92	20.05	08/06/2017	1,604.66	2,006.71
28	307 Det (Op)	117.16		697.00	13.55	17.06	20.56	19/05/2017	1,587.52	1,998.75
29	306 Semi (As)	95.66		671.00	13.34	17.03	21.68	11/05/2017	1,276.10	1,629.09
30	306 Semi (Op)	95.66		671.00	13.18	16.86	21.84	11/05/2017	1,260.80	1,612.83
31	310.I Semi (Op)	88.12		703.00	13.44	17.63	23.78	11/05/2017	1,184.33	1,553.56
32	306 Semi (Op)	95.66		719.25	13.88	17.35	20.02	26/11/2020	1,327.76	1,659.70
33	404 Det (As)	130.47		912.00	12.62	16.72	24.53	16/05/2017	1,646.53	2,181.46
34	414 Det (Op)	146.25		883.00	12.33	15.81	21.99		1,803.26	2,311.52
35	310.I-C Det (As)	94.79		904.20	13.40	18.35	26.96	08/12/2017	1,270.19	1,739.40
36	308 Semi (As)	110.16		1681.35	9.28	16.70	44.44	08/12/2017	1,022.28	1,839.67
37	308 Semi (Op)	110.16		1681.35	8.83	16.70	47.14	08/12/2017	972.71	1,839.67
38	308 Semi (As)	110.16		1686.30	8.82	16.70	47.20	08/12/2017	971.61	1,839.67
39	308 Semi (Op)	110.16		1686.30	8.82	16.70	47.20	08/12/2017	971.61	1,839.67
40	310.I-C Det (As)	94.79		855.80	13.75	18.35	25.05	08/12/2017	1,303.36	1,739.40
41	A23 Semi (As)	79.42			17.07	18.69	8.66	23/04/2018	1,355.70	1,484.36
42	A23 Semi (Op)	79.42			17.07	18.69	8.66	23/04/2018	1,355.70	1,484.36
43	A23 Semi (As)	79.42			17.15	18.76	8.58	23/04/2018	1,362.05	1,489.92
44	A37 Semi (Op)	93.74			16.51	17.88	7.69	23/04/2018	1,547.65	1,676.07
45	A31 Semi	93.96			15.69	17.20	8.80	13/08/2018	1,474.23	1,616.11
46	A31 Semi	93.96			15.67	17.20	8.92	15/08/2018	1,472.35	1,616.11
47	A31 Semi	93.96			15.69	17.20	8.80	15/08/2018	1,474.23	1,616.11
48	A31 Mid	93.96			14.24	15.89	10.38	13/08/2018	1,337.99	1,493.02
49	A37 End (Op)	93.74			16.13	17.53	8.01	13/08/2018	1,512.03	1,643.26
50	414 Det (As)	146.25			15.72	16.16	2.73	11/05/2018	2,299.05	2,363.40
51	404 Det (As)	130.47			16.41	16.72	1.87	03/05/2018	2,141.01	2,181.46
52	310.I-C Det (As)	94.79		2799.50	5.32	18.04	70.50	16/05/2018	504.28	1,710.01
53	402 Det (Op)	118.6			16.83	17.15	1.88	03/05/2018	1,996.04	2,033.99
54	402 Det (Op)	118.6			16.68	17.15	2.76	23/05/2018	1,978.25	2,033.99
55	402 Det (Op)	118.6			16.81	17.15	2.00	23/05/2018	1,993.67	2,033.99
56	301 Semi (Op)	77.82			18.30	18.45	0.84	12/04/2018	1,424.11	1,435.78
57	301 Semi (As)	77.82			18.32	18.45	0.73	12/04/2018	1,425.66	1,435.78
58	404 Det (As)	130.47			16.21	16.50	1.78	03/05/2018	2,114.92	2,152.76
59	306 End (Op)	95.66			16.72	16.74	0.13	12/04/2018	1,599.44	1,601.35
60	306 Mid (Op)	95.66			15.27	15.48	1.34	12/04/2018	1,460.73	1,480.82
61	306 End (Op)	95.66			16.68	16.74	0.37	12/04/2018	1,595.61	1,601.35
62	414 Det (As)	146.25			15.70	16.13	2.68	09/05/2018	2,296.13	2,359.01
63	404 Det (As)	130.47			16.41	16.72	1.87	12/04/2018	2,141.01	2,181.46
64	411 B Det (As)	168.12		880.00	12.11	14.95	18.99	28/09/2018	2,035.93	2,513.39
65	306 Semi (As)	95.66			17.34	17.45	0.61	12/06/2018	1,658.74	1,669.27
66	306 Semi (Op)	95.66			17.29	17.45	0.89	12/06/2018	1,653.96	1,669.27
67	A23 Semi (Op)	79.42			17.17	18.81	8.71	06/11/2018	1,363.64	1,493.89
68	A23 Semi (As)	79.42			17.12	18.81	8.98	06/11/2018	1,359.67	1,493.89
69	A23 Semi (Op)	79.42			17.17	18.81	8.71	06/11/2018	1,363.64	1,493.89
70	A23 Semi (As)	79.42			17.18	18.81	8.66	06/11/2018	1,364.44	1,493.89
71	A41 Semi (As)	106.06			15.52	17.14	9.45	15/11/2018	1,646.05	1,817.87
72	A37 Semi (As)	93.74			15.87	17.21	7.81	20/11/2018	1,487.65	1,613.27
73	306 Det (As)	95.66		875.00	13.64	18.35	25.68	17/05/2018	1,304.80	1,755.36
74	406 Det (Op)	149.08			15.81	16.11	1.89	17/05/2018	2,356.95	2,401.68
75	404 Det (Op)	130.47			16.40	16.72	1.93	17/05/2018	2,139.71	2,181.46
76	404 Det (Op)	130.47			16.39	16.72	1.99	05/06/2018	2,138.40	2,181.46
77	414 Det (As)	146.25			15.43	15.77	2.18	07/06/2018	2,256.64	2,306.36
78	402 Det (Op)	118.6			16.39	16.75	2.18	07/06/2018	1,943.85	1,986.55
79	406 Det (Op)	149.08			15.67	15.90	1.44	12/06/2018	2,336.08	2,370.37
80	411 Det (As)	166.65		2239.60	7.50	14.45	48.10	14/06/2018	1,249.88	2,408.09
81	403 Det (As)	110.98			16.98	17.18	1.19	14/06/2018	1,884.44	1,906.64
82	411 A Det (As)	168.12			14.66	14.78	0.84	17/12/2018	2,464.64	2,484.81
83	308 Semi (As)	110.16		1674.75	10.22	16.52	38.14	15/06/2018	1,125.84	1,819.84
84	308 Semi (Op)	110.16		1674.75	10.35	16.52	37.35	15/06/2018	1,140.16	1,819.84
85	308 Semi (As)	110.16		1681.35	10.38	16.52	37.17	06/04/2022	1,143.46	1,819.84
86	308 Semi (Op)	110.16		1681.35	10.37	16.52	37.23	14/06/2018	1,142.36	1,819.84
87	308 Semi (As)	110.16		1666.50	10.30	16.52	37.66	07/08/2018	1,134.65	1,819.84
88	308 Semi (Op)	110.16		1666.50	10.49	16.52	36.51	14/06/2018	1,155.58	1,819.84
89	308 Semi (As)	110.16		1640.10	10.38	16.52	37.17	07/08/2018	1,143.46	1,819.84
90	308 Semi (Op)	110.16		1640.10	10.37	16.52	37.23	07/08/2018	1,142.36	1,819.84
91	GFF	66.98		896.57	12.51	20.59	39.25	17/09/2019	837.92	1,379.12
92	GFF	67.44		902.73	11.10	19.25	42.33	17/09/2019	748.58	1,298.22
93	GFF	70.95		949.71	10.36	18.81	44.91	17/09/2019	735.04	1,334.57

94	1FF	66.13		885.19	10.72	18.02	40.52	17/09/2019
95	1FF	66.58		891.21	9.32	16.75	44.35	17/09/2019
96	1FF	70.95		949.71	8.73	16.52	47.16	17/09/2019
97	1FF	51.3		686.68	16.44	22.87	28.11	17/09/2019
98	2FF	66.13		885.19	12.28	19.87	38.20	17/09/2019
99	2FF	66.58		891.21	11.01	18.76	41.32	17/09/2019
100	2FF	70.95		949.71	10.47	18.51	43.43	17/09/2019
101	2FF	51.3		686.68	13.40	20.93	35.99	17/09/2019
102	A23 Semi (As)	79.42			17.16	18.81	8.79	14/11/2018
103	A23 Semi (Op)	79.42			17.19	18.81	8.64	15/11/2018
104	308 Semi (As)	110.16		1504.80	10.03	16.04	37.47	27/11/2018
105	308 Semi (Op)	110.16		1504.80	10.09	16.04	37.10	27/11/2018
106	308 Semi (As)	110.16		1504.80	10.10	16.04	37.04	06/12/2018
107	308 Semi (Op)	110.16		1504.80	10.05	16.04	37.35	04/03/2019
108	310.I-A Det (Op)	93.92		1984.40	8.57	18.19	52.88	13/06/2019
109	A37 Semi (As)	93.74			15.77	17.21	8.36	07/06/2019
110	A31 Semi	93.96			15.83	17.37	8.85	13/05/2019
111	A31 End	93.96			15.80	17.37	9.03	29/04/2019
112	A31 Mid	93.96			14.28	15.99	10.71	01/05/2019
113	A31 End	93.96			15.83	17.37	8.85	29/04/2019
114	301 End (As)	77.82			18.08	18.19	0.62	30/05/2019
115	301 Mid (As)	77.82			16.48	16.78	1.81	01/05/2019
116	301 End (As)	77.82			18.07	18.19	0.67	29/04/2019
117	A31 Semi (AS)	93.96			16.16	17.74	8.89	29/04/2019
118	A31 Semi (Op)	93.96			16.24	17.82	8.86	29/04/2019
119	A23 Semi (As)	79.42			17.14	18.81	8.90	07/06/2019
120	A23 Semi (Op)	79.42			17.18	18.81	8.69	07/06/2019
121	301 Semi (As)	77.82			9.46	18.49	48.84	12/04/2019
122	301 Semi (Op)	77.82			9.50	18.49	48.62	12/04/2019
123	306 Semi (As)	95.66			17.42	17.53	0.63	27/02/2019
124	310.I Semi (Op)	88.12			17.57	17.63	0.35	17/12/2018
125	307 Det (As)	117.16			16.83	17.37	3.12	17/12/2018
126	403-A Det (Op)	112.46			17.70	17.81	0.61	17/12/2018
127	A31 Semi (AS)	93.96			15.71	17.40	9.69	16/07/2019
128	A31 Semi (Op)	93.96			15.63	17.32	9.74	16/07/2019
129	A41 Det (As)	106.06			16.31	17.96	9.21	13/05/2019
130	A23 End (As)	79.42			16.82	18.44	8.76	13/05/2019
131	A23 Mid	79.42			15.08	16.88	10.65	13/05/2019
132	A23 Mid	79.42			15.11	16.88	10.47	13/05/2019
133	A23 End (Op)	79.42			16.82	18.44	8.76	13/05/2019
134	306-A Semi (As)	97.15		3065.70	3.66	17.80	79.43	14/02/2019
135	306 Semi (Op)	95.66			17.37	17.53	0.92	14/12/2018
136	A23 Semi (As)	79.42			17.00	18.81	9.64	25/01/2019
137	A23 Semi (Op)	79.42			17.07	18.81	9.27	25/01/2019
138	A31 Semi	93.96			15.86	17.43	9.01	05/02/2019
139	A37 Semi (Op)	93.74			15.57	17.01	8.47	05/02/2019
140	308 Semi (As)	110.16		1603.80	11.99	16.04	25.26	11/02/2019
141	308 Semi (Op)	110.16		1603.80	11.97	16.04	25.38	11/02/2019
142	308 Semi (As)	110.16		1582.35	11.97	16.04	25.36	11/02/2019
143	308 Semi (Op)	110.16		1582.35	10.11	16.04	36.98	13/02/2019
144	308 Semi (As)	110.16		1582.35	12.00	16.04	25.19	11/02/2019
145	308 Semi (Op)	110.16		1582.35	10.07	16.04	37.23	13/02/2019
146	310.I Semi (As)	88.12		3085.50	4.03	17.32	76.73	27/03/2019
147	306 Semi (Op)	95.66			16.74	16.86	0.72	04/03/2019
148	402 Det (As)	118.6			16.62	16.90	1.65	21/03/2019
149	306 Semi (As)	95.66			16.95	17.03	0.49	08/03/2019
150	310.I Semi (Op)	88.12			18.20	18.36	0.89	21/03/2019

708.91	1,191.66
620.53	1,115.22
619.39	1,172.09
843.37	1,173.23
812.08	1,314.00
733.05	1,249.04
742.85	1,313.28
687.42	1,073.71
1,362.85	1,493.89
1,365.23	1,493.89
1,104.90	1,766.97
1,111.51	1,766.97
1,112.62	1,766.97
1,107.11	1,766.97
804.89	1,708.40
1,478.28	1,613.27
1,487.39	1,632.09
1,484.57	1,632.09
1,341.75	1,502.42
1,487.39	1,632.09
1,406.99	1,415.55
1,282.47	1,305.82
1,406.21	1,415.55
1,518.39	1,666.85
1,525.91	1,674.37
1,361.26	1,493.89
1,364.44	1,493.89
736.18	1,438.89
739.29	1,438.89
1,666.40	1,676.92
1,548.27	1,553.56
1,971.80	2,035.07
1,990.54	2,002.91
1,476.11	1,634.90
1,468.59	1,627.39
1,729.84	1,904.84
1,335.84	1,464.50
1,197.65	1,340.61
1,200.04	1,340.61
1,335.84	1,464.50
355.57	1,729.27
1,661.61	1,676.92
1,350.14	1,493.89
1,355.70	1,493.89
1,490.21	1,637.72
1,459.53	1,594.52
1,320.82	1,766.97
1,318.62	1,766.97
1,318.62	1,766.97
1,113.72	1,766.97
1,321.92	1,766.97
1,109.31	1,766.97
355.12	1,526.24
1,601.35	1,612.83
1,971.13	2,004.34
1,621.44	1,629.09
1,603.78	1,617.88
212,042.30	261,391.46

Total TER (Building Regulations 2013) 261,391.46
 Total DER (Building Regulations 2013) 212,042.30
 CO2 Emissions Reduction 49,349.16
 % Improvement over Building Regulations Part L 2013 **18.88%**

Plot	House Type	Total Floor Area	PV kWp	PV kWh (MCS)	Dwelling Emission Rate DER kgCO2/sqm/year	Target Emission Rate TER kgCO2/sqm/year	% Reduction	EPC Issue Date	DER x FA kgCO2/year	TER x FA kgCO2/year
151	312 End (as)	121.81			15.2	15.57	2.39	03/06/2019	1,851.51	1,896.58
152	308S Mid (op)	116.73			12.95	14.64	11.53	03/06/2019	1,511.65	1,708.93
153	308S End (op)	116.73			14.48	15.92	9.07	03/06/2019	1,690.25	1,858.34
154	308S Semi (op)	116.73			14.45	15.91	9.18	23/08/2019	1,686.75	1,857.17
155	312 Semi (op)	121.81			15.31	15.78	2.98	23/08/2019	1,864.91	1,922.16
156	404 Det (opp)	128.46	1.80		10.11	16.59	39.06	16/08/2019	1,298.73	2,131.15
157	411 A Det (Opp)	128.46			14.35	14.69	2.31	16/08/2019	1,843.40	1,887.08
158	308 Semi (opp)	116.73			14.54	15.96	8.88	03/06/2019	1,697.25	1,863.01
159	308 Semi (as)	116.73			14.54	15.96	8.88	03/06/2019	1,697.25	1,863.01
160	411 A Det (Opp)	128.46			14.42	14.69	1.83	26/09/2019	1,852.39	1,887.08
161	404 Det (opp)	128.46	1.80		10.51	16.59	36.65	25/09/2019	1,350.11	2,131.15
162	402 Det (as)	118.61	1.80		10.17	16.95	39.99	10/10/2019	1,206.26	2,010.44
163	404 Det (opp)	128.46	1.80		10.44	16.59	37.07	03/10/2019	1,341.12	2,131.15
164	306 Semi (as)	96.96	1.50		9.27	17.35	46.57	10/10/2019	898.82	1,682.26
165	A302CL Semi (as)	94.18	1.80		7.56	17.18	56.00	10/02/2020	712.00	1,618.01
166	308 Semi (opp)	116.73			14.74	16.12	8.56	20/08/2020	1,720.60	1,881.69
167	308 Semi (as)	116.73			14.69	16.12	8.87	20/08/2020	1,714.76	1,881.69
168	A23 End (op)	79.42			16.52	18.26	9.52	29/06/2021	1,312.02	1,450.21
169	A23 Mid (as)	79.42			16.29	18.07	9.86	29/06/2021	1,293.75	1,435.12
170	A29 End (as)	75.51			20.53	22.69	9.51	29/06/2021	1,550.22	1,713.32
171	A31 Semi (op)	93.96			15.91	17.67	9.97	03/06/2021	1,494.90	1,660.27
172	A31 Semi (as)	93.96			15.95	17.56	9.16	03/06/2021	1,498.66	1,649.94
173	A23 End (as)	79.42			16.87	18.68	9.71	03/06/2021	1,339.82	1,483.57
174	A23 Mid (as)	79.42			16.07	17.96	10.53	03/06/2021	1,276.28	1,426.38
175	A23 End (as)	79.42			16.94	18.68	9.33	03/06/2021	1,345.37	1,483.57
176	A23 End (as)	79.42			16.49	18.43	10.54	29/10/2021	1,309.64	1,463.71
177	A23 Mid (as)	79.42			15.82	17.71	10.66	29/10/2021	1,256.42	1,406.53
178	A23 End (as)	79.42			16.59	18.49	10.28	26/10/2021	1,317.58	1,468.48
179	A31 Semi (op)	93.96			15.77	17.51	9.95	27/05/2021	1,481.75	1,645.24
180	A37 Semi (as)	93.74			15.66	17.26	9.27	02/08/2021	1,467.97	1,617.95
181	A31 Semi (op)	93.96			15.75	17.40	9.46	26/10/2021	1,479.87	1,634.90
182	A31 Semi (as)	93.96			15.7	17.32	9.33	29/10/2021	1,475.17	1,627.39
183	2301 Det (op)	78.82			18.3	20.13	9.10	23/09/2021	1,442.41	1,586.65
184	404 Det (as)	128.46	1.80		10.53	16.83	37.45	21/09/2021	1,352.68	2,161.98
185	404 Det (as)	128.46	1.80		10.25	16.71	38.65	24/09/2021	1,316.72	2,146.57
186	404 Det (as)	128.46	1.80		9.94	16.71	40.51	21/09/2021	1,276.89	2,146.57
187	404 Det (as)	128.46	1.80		9.94	16.71	40.51	05/03/2021	1,276.89	2,146.57
188	404 Det (as)	128.46	1.80		9.94	16.71	40.51	05/03/2021	1,276.89	2,146.57
189	404 Det (as)	128.46	1.80		10.17	16.71	39.13	05/03/2021	1,306.44	2,146.57
190	404 Det (opp)	128.46	1.80		10.17	16.71	39.13	05/03/2021	1,306.44	2,146.57
191	414 Det (op)	146.34	1.80		10.16	15.95	36.30	05/03/2021	1,486.81	2,334.12
192	402 Det (as)	118.61			16.68	17.18	2.91	25/02/2021	1,978.41	2,037.72
193	306 Det (as)	96.96			17.27	18.68	7.53	10/02/2021	1,674.50	1,811.21
194	3BS-A Det (as)	113.13			16.57	18.11	8.50	10/02/2021	1,874.56	2,048.78
195	414 Det (as)	146.34			15.56	15.82	1.64	25/11/2019	2,277.05	2,315.10
196	402 Det (op)	118.61			16.83	17.02	1.09	19/11/2019	1,996.21	2,018.74
197	501 Det (as)	170.24			14.63	15.48	5.47	19/11/2019	2,490.61	2,635.32
198	308 Semi (opp)	116.73			14.74	16.17	8.84	25/11/2019	1,720.60	1,887.52
199	308 Semi (as)	116.73			14.95	16.17	7.54	25/11/2019	1,745.11	1,887.52
200	402 Det (as)	118.61	1.80		10.50	17.14	38.74	08/11/2019	1,245.41	2,032.98
201	404 Det (opp)	128.46	1.80		10.34	16.83	38.57	08/11/2019	1,328.28	2,161.98
202	404 Det (opp)	128.46	1.80		10.34	16.83	38.57	25/09/2019	1,328.28	2,161.98
									78,538.41	97,338.49

Total TER (Building Regulations 2013) 97,338.49
Total DER (Building Regulations 2013) 78,538.41
CO2 Emissions Reduction 18,800.08
% Improvement over Building Regulations Part L 2013 **19.31%**

Plot	House Type	Total Floor Area	PV kWp	PV kWh (MCS)	Dwelling Emission Rate DER kgCO2/sqm/year	Target Emission Rate TER kgCO2/sqm/year	% Reduction	EPC Issue Date	DER x FA kgCO2/year	TER x FA kgCO2/year
203	Flat 203 Semi GFF	68.54			18.52	19.28	3.92	28/08/2024	1,269.36	1,321.45
204	Flat 204 Semi 1FF	67.68			15.72	16.64	5.52	28/08/2024	1,063.93	1,126.20
205	Flat 205 Semi 2FF	67.68			16.49	17.85	7.64	28/08/2024	1,116.04	1,208.09
206	Flat 206 Semi GFF	71.93			18.38	19.19	4.22	28/08/2024	1,322.07	1,380.34
207	Flat 207 Semi 1FF	71.93			15.64	16.74	6.56	28/08/2024	1,124.99	1,204.11
208	Flat 208 Det 1FF	71.93			21.48	21.30	-0.85	28/08/2024	1,545.06	1,532.11
209	Flat 209 Semi 2FF	71.93			16.42	17.97	8.65	28/08/2024	1,181.09	1,292.58
210	Flat 210 Det 2FF	71.93			17.57	19.01	7.56	28/08/2024	1,263.81	1,367.39
211	A31 Semi (op)	93.96			16.85	17.98	6.28	30/05/2024	1,583.23	1,689.40
212	A37s Semi (as)	93.74			16.45	17.61	6.58	30/05/2024	1,542.02	1,650.76
213	308 Semi (op) Haywood	116.73			15.17	16.27	6.74	28/03/2023	1,770.79	1,899.20
214	308 Semi (as) Haywood	116.73			14.97	16.14	7.24	14/02/2023	1,747.45	1,884.02
215	308 Semi (op) Haywood	116.73			15.33	16.20	5.38	28/03/2023	1,789.47	1,891.03
216	308 Semi (as) Haywood	116.73			15.14	16.02	5.50	28/03/2023	1,767.29	1,870.01
217	308 Semi (op) Haywood	116.73			15.3	16.20	5.56	28/03/2023	1,785.97	1,891.03
218	308 Semi (as) Haywood	116.73			15.04	16.02	6.13	28/03/2023	1,755.62	1,870.01
219	A31 End (as)	93.96			16.18	17.46	7.32	29/11/2023	1,520.27	1,640.54
220	A23 Mid (as)	79.42			15.15	16.87	10.21	09/09/2024	1,203.21	1,339.82
221	A23 Mid (as)	79.42			15.11	16.87	10.45	09/09/2024	1,200.04	1,339.82
222	A29 Det (as)	75.52			22.69	23.91	5.10	17/10/2024	1,713.55	1,805.68
223	A31 Semi (op)	93.96			16.5	17.85	7.58	13/09/2024	1,550.34	1,677.19
224	A31 Semi (as)	93.96			16.34	17.65	7.44	13/09/2024	1,535.31	1,658.39
225	A23 End (as)	79.42			17.05	18.33	7.00	09/09/2024	1,354.11	1,455.77
226	306 Semi (as)	95.66			16.54	17.48	5.36	12/12/2023	1,582.22	1,672.14
227	306 Semi (op)	95.66			16.57	17.40	4.77	16/11/2023	1,585.09	1,664.48
228	2301 Semi (as)	77.82			17.98	18.97	5.23	26/03/2024	1,399.20	1,476.25
229	2301 Semi (op)	77.82			18.15	19.16	5.27	26/03/2024	1,412.43	1,491.03
230	A23 End (op)	79.42			17.14	18.43	7.00	15/08/2024	1,361.26	1,463.71
231	A23 Mid (op)	79.42			15.15	16.87	10.21	15/08/2024	1,203.21	1,339.82
232	A42 Semi (as)	107.37			16.5	17.35	4.89	10/07/2024	1,771.61	1,862.87
233	A42 Semi (op)	107.37			16.61	17.45	4.83	10/07/2024	1,783.42	1,873.61
234	A23 Mid (op)	79.42			15.21	16.87	9.86	15/08/2024	1,207.98	1,339.82
235	A23 End (op)	79.42			17.22	18.47	6.77	15/08/2024	1,367.61	1,466.89
236	308 Semi (op) Haywood	116.73			15.36	16.20	5.19	16/02/2023	1,792.97	1,891.03
237	308 Semi (as) Haywood	116.73			14.99	16.02	6.44	28/03/2023	1,749.78	1,870.01
238	402 Det (as) Oxford	118.61			16.43	17.30	5.01	23/05/2023	1,948.76	2,051.95
239	404A Det (op) Fulford V/A	130.48			15.59	16.79	7.15	08/03/2023	2,034.18	2,190.76
240	404 Det (op) Fulford	130.48			15.59	16.66	6.44	23/05/2023	2,034.18	2,173.80
241	404 Det (op) Fulford	130.48			15.60	16.66	6.38	02/05/2023	2,035.49	2,173.80
242	306 Det (as)	95.66			18.39	18.92	2.81	02/05/2023	1,759.19	1,809.89
243	2301 A Semi (as)	77.82			18.16	19.16	5.22	02/05/2023	1,413.21	1,491.03
244	2301 A Semi (op)	77.82			17.92	18.97	5.55	23/05/2023	1,394.53	1,476.25
245	2301 A Semi (as)	77.82			18.15	19.16	5.27	26/05/2023	1,412.43	1,491.02
246	2301 A Semi (op)	77.82			18.01	18.97	5.08	23/05/2023	1,401.54	1,476.25
247	3BS Det (op) Elmwood	112.06			17.10	17.93	4.64	31/08/2023	1,916.23	2,009.24
248	406 Det (as) Rutherford	146.95	4.34	4162.06	0.82	16.18	94.93	31/08/2023	120.50	2,377.65
249	2301 Semi (as)	77.82			17.54	18.61	5.77	31/08/2023	1,364.96	1,448.23
250	2301 Semi (op)	77.82			17.63	18.80	6.20	31/08/2023	1,371.97	1,463.02
251	A23 End (as)	79.42			17.07	18.43	7.38	04/12/2023	1,355.70	1,463.71
252	A23 Mid (as)	79.42			15.10	16.87	10.51	04/12/2023	1,199.24	1,339.82
253	A23 End (as)	79.42			17.22	18.43	6.57	04/12/2023	1,367.61	1,463.71
254	A37 End (op)	93.74			16.74	17.94	6.68	04/12/2023	1,569.21	1,681.70
255	A31 Mid (op)	93.96			14.96	16.41	8.83	04/12/2023	1,405.64	1,541.88
256	A31 End (as)	93.96			16.44	17.63	6.76	04/12/2023	1,544.70	1,656.51
257	A41 Semi (as)	106.06			15.88	17.08	7.02	20/06/2023	1,684.23	1,811.50
258	A37 Semi (as)	93.74			16.67	17.94	7.07	20/06/2023	1,562.65	1,681.70
259	2301 Semi (as)	77.82			17.59	18.53	5.09	03/05/2023	1,368.85	1,442.00
260	2301 Semi (op)	77.82			17.56	18.53	5.25	03/05/2023	1,366.52	1,442.00
261	414 Det (as) Fairford	146.34			15.63	16.44	4.91	03/05/2023	2,287.29	2,405.83
262	414 Det (as) Fairford	146.34	4.34	4326.98	-0.04	16.08	100.25	03/05/2023	-5.85	2,353.15
263	2301 Semi (as)	77.82			18.04	19.05	5.29	02/05/2023	1,403.87	1,482.47
264	A37 End (op)	93.74			15.87	17.04	6.84	20/06/2023	1,487.65	1,597.33
265	A23 Mid (op)	79.42			15.60	17.27	9.67	20/06/2023	1,238.95	1,371.58
266	A23 End (as)	79.42			17.40	18.68	6.87	20/06/2023	1,381.91	1,483.57
267	A37 Semi (op)	93.74			16.54	17.76	6.87	17/10/2023	1,550.46	1,664.82
268	A31 Semi (op)	93.96			16.82	17.96	6.33	17/10/2023	1,580.41	1,687.52
269	A42 Semi (as)	107.37			16.61	17.42	4.67	08/03/2024	1,783.42	1,870.39
270	A42 Semi (op)	107.37			16.59	17.42	4.79	08/03/2024	1,781.27	1,870.39
271	A23 Semi (op)	79.42			17.66	18.81	6.11	09/11/2023	1,402.56	1,493.89
272	A23 Semi (as)	79.42			17.66	18.81	6.11	09/11/2023	1,402.56	1,493.89
273	306 Det (op)	95.66			18.54	19.09	2.89	28/09/2023	1,773.54	1,826.15
274	404 Det (op) Fulford	130.48			15.65	16.66	6.08	28/09/2023	2,042.01	2,173.80
275	501 Det (op) Kitchener	170.24			15.32	15.43	0.69	29/09/2023	2,608.08	2,626.80
276	414 Det (op) Fairford	146.34			15.67	16.44	4.66	19/10/2023	2,293.15	2,405.83
277	411 Det (As) Heathfield	150.06			15.74	16.47	4.45	15/11/2023	2,361.94	2,471.49
278	302CL Det (as) Langham	94.18			17.70	18.59	4.78	16/11/2023	1,666.99	1,750.81
279	306 Det (as)	95.66			17.90	18.64	3.95	23/11/2023	1,712.31	1,783.10
280	402 Det (op) Oxford	118.61			16.44	17.24	4.67	27/11/2023	1,949.95	2,044.84
281	501 Det (op) Kitchener	170.24	4.34	4218.48	2.28	15.26	85.06	27/11/2023	388.15	2,597.86
282	501 Det (as) Kitchener	170.24	4.34	4266.22	2.18	15.30	70.20	30/05/2024	371.12	2,604.67
283	411 Det (As) Heathfield	150.06			15.51	16.23	4.45	26/07/2024	2,327.43	2,435.47
284	414 Det (op) Fairford	146.34			15.46	16.42	5.86	17/06/2024	2,262.42	2,402.90
285	402 Det (op) Oxford	118.61			16.55	17.37	4.72	06/12/2024	1,963.00	2,060.26
286	404B Det (op) Fulford V/B	131.53	4.34	3958.08	0.21	16.85	98.75	04/06/2024	27.62	2,216.28
287	404 Det (as) Fulford	130.48			15.66	16.66	6.02	04/04/2024	2,043.32	2,173.80
288	402 Det (op) Oxford	118.61			16.57	17.43	4.94	04/04/2024	1,965.37	2,067.37
289	402 Det (op) Oxford	118.61			16.58	17.43	4.88	21/02/2024	1,966.55	2,067.37
290	404 Det (op) Fulford	130.48			15.67	16.72	6.26	27/11/2023	2,044.62	2,181.63
291	411 Det (op) Heathfield	150.06			15.94	16.50	3.37	23/11/2023	2,391.96	2,475.99
292	414 Det (as) Fairford	146.34			15.36	16.09	4.52	23/11/2023	2,247.78	2,354.61
293	402 Det (as) Oxford	118.61			16.44	17.37	5.35	15/11/2023	1,949.95	2,060.26
294	306 Det (op)	95.66			18.43	18.98	2.90	26/03/2024	1,763.01	1,815.63
295	302L Det (as)	95.36			17.67	18.44	4.18	27/11/2023	1,685.01	1,758.44
296	404 Det (as) Fulford	130.48			15.75	16.83	6.39	03/06/2024	2,055.06	2,195.98
297	404 Det (op) Fulford	130.48	4.34	4313.96	-1.40	16.80	108.33	03/06/2024	-182.67	2,192.06

298	402 Det (op) Oxford	118.61	3.72	3757.20	-0.19	17.22	101.10	04/06/2024
299	3BS Det (as) Elmwood	112.06			16.43	17.24	4.71	27/06/2024
300	A42 Semi (as)	107.37			16.18	17.01	4.90	22/11/2024
301	A42 Semi (op)	107.37			16.14	17.00	5.05	13/11/2024
302	A31 End (op)	93.96			16.48	17.63	6.54	28/02/2025
303	A31 Mid (as)	93.96			14.86	16.41	9.44	28/02/2025
304	A37 End (as)	93.74			16.67	17.94	7.07	28/02/2025
305	302L Det (as)	95.36			17.89	18.60	3.81	16/04/2025
306	404 Det (as) Fulford	130.48			15.81	16.89	6.40	16/05/2025
307	404 Det (as) Fulford	130.48			15.85	16.89	6.16	29/05/2025
308	405 Det (op) Thornford	137.46			17.27	17.37	0.55	27/06/2025
309	306 Det (as)	95.66			18.46	19.02	2.92	27/01/2025
310	406 Det (as) Rutherford	146.95			15.58	16.23	3.99	27/01/2025
311	411 Det (op) Heathfield	150.06			15.78	16.43	3.93	07/09/2025
312	405 Det (as) Thornford	137.46			17.33	17.38	0.29	13/11/2024
313	405 Det (as) Thornford	137.46			17.27	17.38	0.63	08/11/2024
314	406 Det (as) Rutherford	146.95			15.50	16.15	4.01	16/08/2024
315	306 Det (as)	95.66			18.38	18.92	2.86	24/09/2024
316	411 Det (as) Heathfield	150.06			15.53	16.23	4.30	10/07/2024
317	402 Det (op) Oxford	118.61			16.36	17.24	5.13	30/09/2024
318	404 Det (op) Fulford	130.48	4.34	4383.4	-1.74	16.73	110.40	17/10/2024
319	501 Det (as) Kitchener	170.24	4.34	4405.1	1.62	15.14	89.30	02/05/2025
320	402 Det (as) Oxford	118.61	3.96	4047.12	-1.51	17.22	108.77	12/03/2025
321	404 Det (op) Fulford	130.48	4.62	4726.26	-3.24	16.76	119.33	23/03/2025
322	404A Det (as) Fulford V/A	130.48	4.62	4726.26	-3.21	16.79	119.12	05/08/2025
323	404 Det (op) Fulford	130.48	4.62	4707.78	-3.14	16.73	118.77	05/08/2025
324	402 Det (as) Oxford	118.61	3.96	4035.24	-1.42	17.22	108.25	21/08/2025
325	501 Det (as) Kitchener	170.24	4.62	4707.78	0.65	15.14	95.71	05/10/2025
326	501A Det (as) Kitchener V/A	171.27	4.62	4707.78	0.77	15.16	94.92	17/09/2025
327	308s End (as) Haywood V/A	116.73			15.95	16.57	3.76	
328	308s Mid (as) Haywood V/A	116.73			13.71	14.83	7.58	
329	308s End (as) Haywood V/A	116.73			15.83	16.47	3.87	
330	308s Semi (op) Haywood V/A	116.73			15.95	16.59	3.89	
331	308s Semi (as) Haywood V/A	116.73			15.80	16.45	3.93	
332	308s Semi (op) Haywood V/A	116.73			15.89	16.54	3.91	
333	308s Semi (as) Haywood V/A	116.73			15.80	16.45	3.93	
353	2301 Semi (op)	77.82			18.02	19.05	5.40	02/05/2023

-22.54	2,042.46
1,841.15	1,931.91
1,737.25	1,826.36
1,732.95	1,825.29
1,548.46	1,656.51
1,396.25	1,541.88
1,562.65	1,681.70
1,705.99	1,773.70
2,062.89	2,203.81
2,068.11	2,203.81
2,373.93	2,387.68
1,765.88	1,819.45
2,289.48	2,385.00
2,367.95	2,465.49
2,382.18	2,389.05
2,373.93	2,389.05
2,277.73	2,373.24
1,758.23	1,809.89
2,330.43	2,435.47
1,940.46	2,044.84
-227.04	2,182.93
275.79	2,577.43
-179.10	2,041.90
-422.76	2,186.78
-418.84	2,190.89
-409.71	2,182.76
-168.43	2,041.90
110.66	2,577.67
131.88	2,595.84
1,861.84	1,934.22
1,600.37	1,731.11
1,847.84	1,922.54
1,861.84	1,936.55
1,844.33	1,920.21
1,854.84	1,930.71
1,844.33	1,920.21
1,402.32	1,482.47
197,829.01	246,624.90

Total TER (Building Regulations 2013) 246,624.90
 Total DER (Building Regulations 2013) 197,829.01
 CO2 Emissions Reduction 48,795.88
 % Improvement over Building Regulations Part L 2013 **19.79%**

Plot	House Type	Total Floor Area	PV kWp	PV kWh (MCS)	Dwelling Emission Rate DER kgCO2/sqm/year	Target Emission Rate TER kgCO2/sqm/year	% Reduction	EPC Issue Date	DER x FA kgCO2/year	TER x FA kgCO2/year
334	3BS Det (op)	112.06			16.41	17.77	7.64	25/11/2020	1,838.90	1,991.31
335	3BSA Det (as)	113.13			16.25	17.47	6.98	25/11/2020	1,838.36	1,976.38
336	A302CL Semi (as)	94.18			15.47	17.27	10.41	17/09/2020	1,456.96	1,626.49
337	2301 End (as)	78.82	2.40	2385.60	1.41	18.93	92.55	06/10/2020	111.14	1,492.06
338	2301 Mid (as)	78.82	2.40	2385.60	-0.37	17.48	102.12	06/10/2020	-29.16	1,377.77
339	2301 End (as)	78.82	2.40	2385.60	1.51	19.11	92.10	06/10/2020	119.02	1,506.25
340	402 Det (as)	118.61			16.78	17.09	1.84	20/08/2020	1,990.28	2,027.04
341	402 Det (as)	118.61			16.7	17.09	2.31	20/08/2020	1,980.79	2,027.04
342	402 Det (as)	118.61			16.5	17.09	3.48	08/07/2020	1,957.07	2,027.04
343	306 Semi (as)	96.96			16.08	17.83	9.81	01/07/2020	1,559.12	1,728.80
344	306 Semi (op)	96.96			15.94	17.68	9.82	01/07/2020	1,545.54	1,714.25
345	402 Det (as)	118.61			16.66	17.09	2.54	01/07/2020	1,976.04	2,027.04
346	402 Det (as)	118.61			16.7	17.09	2.31	01/07/2020	1,980.79	2,027.04
347	3BS Det (as)	112.06			16.5	17.88	7.69	01/07/2020	1,848.99	2,003.63
348	A23 Semi (op)	79.42			16.87	18.81	10.31	24/07/2020	1,339.82	1,493.89
349	A23 Semi (as)	79.42			16.86	18.81	10.36	24/07/2020	1,339.02	1,493.89
350	A23 End (as)	79.42			16.92	18.86	10.27	24/07/2020	1,343.79	1,497.86
351	A23 Mid (op)	79.42			15.1	17.25	12.44	24/07/2020	1,199.24	1,370.00
352	A31 End (as)	93.96			16	17.77	9.94	24/07/2020	1,503.36	1,669.67
354	402 Det (as)	118.61			16.76	16.99	1.37	12/11/2020	1,987.90	2,015.18
355	405 Det (as)	137.56			16.05	16.62	3.43	12/11/2020	2,207.84	2,286.25
356	411A Det (As)	148.45			16.05	16.52	2.84	12/11/2020	2,382.62	2,452.39
357	501 Det (as)	170.24	4.20	3964.80	2.38	15.19	84.33	12/11/2020	405.17	2,585.95
358	FLE Det (as)	171.22			14.9	15.45	3.54	12/11/2020	2,551.18	2,645.35
359	FLE Det (as)	171.22			14.86	15.49	4.05	12/11/2020	2,544.33	2,652.20
360	404 Det (as)	130.48	4.20	3830.40	0.8	16.65	95.19	12/11/2020	104.38	2,172.49
361	411AB Det (As)	146.96			16.22	16.41	1.13	12/11/2020	2,383.69	2,411.61
									41,466.17	52,298.90

Total TER (Building Regulations 2013)	52,298.90
Total DER (Building Regulations 2013)	41,466.17
CO2 Emissions Reduction	10,832.73
% Improvement over Building Regulations Part L 2013	20.71%

Plot	House Type	Total Floor Area	PV kWp	PV kWh (MCS)	Dwelling Emission Rate DER kgCO2/sqm/year	Target Emission Rate TER kgCO2/sqm/year	% Reduction	EPC Issue Date
362	414 Det (as) Fairford	146.34	3.60		4.08	16.19	74.80	27/05/2021
363	404 Det (op) Fulford	130.48			15.22	16.51	7.80	01/09/2021
364	402 Det (as) Oxford	118.61			16.28	17.33	6.08	01/09/2021
365	306 Semi (as) Fincham	95.66			16.54	17.76	6.86	01/09/2021
366	302CL Semi (as) Langham	94.18			16.24	17.57	7.56	10/09/2021
367	A23 Semi (op)	79.42			16.88	18.68	9.65	05/11/2021
368	A23 Semi (as)	79.42			17.04	18.76	9.18	05/11/2021
369	A35 Semi (as)	93.3			16.74	18.18	7.91	05/11/2021
370	A35 Semi (op)	93.3			16.66	18.18	8.35	05/11/2021
371	A23 End (as)	79.42			16.97	18.74	9.42	22/11/2021
372	A23 Mid (as)	79.42			14.97	17.13	12.60	22/11/2021
373	A31 End (as)	93.96			15.9	17.65	9.90	22/11/2021
374	A31 End (op)	93.96			16.13	17.86	9.71	15/12/2021
375	A23 Mid (op)	79.42			15.05	17.23	12.67	22/11/2021
376	A23 Mid (op)	79.42			15.08	17.23	12.49	22/11/2021
377	A23 End (op)	79.42			16.59	18.43	9.98	22/11/2021
378	414 Det (as) Fairford	146.34			14.84	15.96	7.00	30/11/2021
379	402 Det (as) Oxford	118.61			16.15	17.40	7.17	30/11/2021
380	402 Det (as) Oxford	118.61			16.1	17.40	7.46	30/11/2021
381	402 Det (as) Oxford	118.61			16.08	17.40	7.57	30/11/2021
382	404 Det (op) Fulford	130.48			15.5	16.81	7.77	22/11/2021
383	414A Det (op) Fairford (V/A)	144.86			15.32	16.41	6.63	22/11/2021
384	402 Det (op) Oxford	118.61	3.60		3.53	17.31	79.61	15/10/2021
385	3BS Det (op) Elmwood	112.06			16.12	17.41	7.43	13/10/2021
386	404 Det (op) Fulford	130.48	4.20		2.18	16.82	87.04	08/10/2021
387	404 Det (op) Fulford	130.48			15.5	16.70	7.17	13/10/2021
388	404 Det (op) Fulford	130.48			15.5	16.70	7.17	08/10/2021
389	411 Det (as) Heathfield	150.06			15.59	16.55	5.78	12/11/2021
390	404 Det (as) Fulford	130.48			15.39	16.70	7.83	12/11/2021
391	414A Det (op) Fairford (V/A)	144.86			15.5	16.41	5.52	12/11/2021
392	406 Det (op) Rutherford	146.95	4.20		2.95	16.21	81.80	11/03/2022
393	404 Det (as) Fulford	130.48	4.20		1.79	16.87	89.39	11/03/2022
394	306 Det (as) Fincham	95.66			18.21	19.09	4.61	07/03/2022
395	306 Det (as) Fincham	95.66			18.02	18.99	5.12	07/03/2022
396	A23 End (as)	79.42			16.98	18.81	9.73	23/05/2022
397	A23 Mid (as)	79.42			15.08	17.25	12.56	23/05/2022
398	A23 End (as)	79.42			17.11	18.81	9.04	23/05/2022
399	306 Semi (as) Fincham	95.66			16.39	17.70	7.39	12.05.2022
400	306 Semi (op) Fincham	95.66			16.66	17.85	6.69	12.05.2022
401	3BS Det (op) Elmwood	112.06			16.61	18.02	7.82	01/06/2022
402	2301 Semi (as)	77.82			17.23	18.61	7.43	07/06/2022
403	2301 Semi (op)	77.82			17.37	18.80	7.59	07/06/2022
404	A23 Semi (op)	79.42			16.58	18.43	10.04	27/06/2022
405	A23 Semi (as)	79.42			16.62	18.43	9.82	01/07/2022
406	A37 Semi (op)	93.74			15.87	17.62	9.94	24/05/2022
407	A23 Semi (op)	79.42			16.80	18.57	9.53	24/05/2022
408	3BS Det (as) Elmwood	112.06			16.10	17.41	7.54	06/04/2022
409	414A Det (as) Fairford (V/A)	144.86	4.20		2.48	16.28	84.76	22/11/2021
410	402 Det (as) Oxford	118.61			16.20	17.30	6.37	25/11/2021
411	404 Det (op) Fulford	130.48			15.17	16.54	8.26	25/11/2021
412	501 Det (as) Kitchener	170.24			15.13	15.46	2.15	25/11/2021
413	501 Det (as) Kitchener	170.24			15.00	15.43	2.76	09/08/2022
414	404 Det (as) Fulford	130.48	4.20		4.18	16.88	75.24	05/09/2022
415	402 Det (as) Oxford	118.61			16.09	17.31	7.06	26/08/2022
416	402 Det (as) Oxford	118.61			16.15	17.31	6.71	24/08/2022
417	404 Det (op) Fulford	130.48	4.20		1.26	16.90	92.54	24/08/2022
418	411 Det (as) Heathfield	150.06			15.25	16.20	5.85	05/10/2022
419	404 Det (as) Fulford	130.48	4.20		1.80	16.87	89.33	05/10/2022
420	402 Det (as) Oxford	118.61	3.60		3.59	17.31	79.26	05/10/2022
421	402 Det (as) Oxford	118.61	3.60		3.15	17.31	81.80	18/10/2022
422	414 Det (op) Fairford	146.34			15.27	16.27	6.14	25/10/2022
423	A23 End (op)	79.42			16.75	18.43	9.12	06/05/2022
424	A23 Mid (as)	79.42			14.73	16.87	12.70	06/05/2022
425	A23 Mid (op)	79.42			14.74	16.87	12.64	06/05/2022
426	A23 End (as)	79.42			16.72	18.43	9.28	06/05/2022
427	A42 Semi (as)	107.37			16.00	17.15	6.69	22/06/2022
428	A42 Semi (op)	107.37			15.92	17.15	7.16	22/06/2022
429	A31 End (op)	93.96			15.65	17.37	9.89	16/06/2022
430	A31 Mid (as)	93.96			14.15	16.14	12.34	22/06/2022
431	A37 End (as)	93.74			15.34	16.96	9.53	01/07/2022
432	3BS Det (op) Elmwood	112.06			16.40	17.56	6.59	12/04/2022
433	402 Det (as) Oxford	118.61			16.09	17.31	7.02	12/04/2022
434	404 Det (op) Fulford	130.48			15.61	16.87	7.49	28/03/2022
435	414 Det (op) Fairford	146.34			15.02	15.95	5.82	13/10/2021
436	302CL Semi (op) Langham	94.18			16.49	17.93	8.02	07/10/2021
437	306 Semi (op) Fincham	95.66			16.15	17.37	7.01	01/10/2021
438	308 Semi (op) Haywood	116.73			14.97	15.97	6.29	07/10/2021
439	308 Semi (as) Haywood	116.73			14.85	15.85	6.30	08/10/2021
440	308 Semi (op) Haywood	116.73			14.99	15.97	6.16	01/10/2021
441	308 Semi (as) Haywood	116.73			14.79	15.85	6.68	10/09/2021
442	411A Det (as) Heathfield (V/A)	145.6	1.50		11.33	16.51	31.36	10/09/2021
443	402 Det (as) Oxford	118.61			16.28	17.31	5.93	05/07/2021

DER x FA kgCO2/year	TER x FA kgCO2/year
597.07	2,369.24
1,985.91	2,154.22
1,930.97	2,055.51
1,582.22	1,698.92
1,529.48	1,654.74
1,340.61	1,483.57
1,353.32	1,489.92
1,561.84	1,696.19
1,554.38	1,696.19
1,347.76	1,488.33
1,188.92	1,360.46
1,493.96	1,658.39
1,515.57	1,678.13
1,195.27	1,368.41
1,197.65	1,368.41
1,317.58	1,463.71
2,171.69	2,335.59
1,915.55	2,063.81
1,909.62	2,063.81
1,907.25	2,063.81
2,022.44	2,193.37
2,219.26	2,377.15
418.69	2,053.14
1,806.41	1,950.96
284.45	2,194.67
2,022.44	2,179.02
2,022.44	2,179.02
2,339.44	2,483.49
2,008.09	2,179.02
2,245.33	2,377.15
433.50	2,382.06
233.56	2,201.20
1,741.97	1,826.15
1,723.79	1,816.58
1,348.55	1,493.89
1,197.65	1,370.00
1,358.88	1,493.89
1,567.87	1,693.18
1,593.70	1,707.53
1,861.32	2,019.32
1,340.84	1,448.23
1,351.73	1,463.02
1,316.78	1,463.71
1,319.96	1,463.71
1,487.65	1,651.70
1,334.26	1,474.83
1,804.17	1,950.96
359.25	2,358.32
1,921.48	2,051.95
1,979.38	2,158.14
2,575.73	2,631.91
2,553.60	2,626.80
545.41	2,202.50
1,908.43	2,053.14
1,915.55	2,053.14
164.40	2,205.11
2,288.42	2,430.97
234.86	2,201.20
425.81	2,053.14
373.62	2,053.14
2,234.61	2,380.95
1,330.29	1,463.71
1,169.86	1,339.82
1,170.65	1,339.82
1,327.90	1,463.71
1,717.92	1,841.40
1,709.33	1,841.40
1,470.47	1,632.09
1,329.53	1,516.51
1,437.97	1,589.83
1,837.78	1,967.77
1,908.43	2,053.14
2,036.79	2,201.20
2,198.03	2,334.12
1,553.03	1,688.65
1,544.91	1,661.61
1,747.45	1,864.18
1,733.44	1,850.17
1,749.78	1,864.18
1,726.44	1,850.17
1,649.65	2,403.86
1,930.97	2,053.14
124,762.96	155,579.22

Total TER (Building Regulations 2013) 155,579.22
Total DER (Building Regulations 2013) 124,762.96
CO2 Emissions Reduction 30,816.26
% Improvement over Building Regulations Part L 2013 **19.81%**

Plot	House Type	Total Floor Area	PV kWp	PV kWh (MCS)	Dwelling Emission Rate DER kgCO2/sqm/year	Target Emission Rate TER kgCO2/sqm/year	% Reduction	EPC Issue Date	DER x FA kgCO2/year	TER x FA kgCO2/year
1	2302 - Semi - Op	77.9		700	12.38	18.42	32.80	25/04/2017	964.40	1,434.92
2	2302 - Semi - As	77.9		525	13.78	18.78	26.62	25/04/2017	1,073.46	1,462.96
3	306i - Semi - As	89.95		525	13.75	17.93	23.32	26/04/2017	1,236.81	1,612.80
4	306i - Semi - Op	89.95		525	13.8	17.93	23.05	26/04/2017	1,241.31	1,612.80
5	306i - Det - As	89.95		525	14.67	19.03	22.92	12/04/2017	1,319.57	1,711.75
6	502 - Det - As	160.76		875	12.24	15.30	20.02	12/04/2017	1,967.70	2,459.63
7	306i - Det - As	89.95		525	14.82	19.03	22.13	09/03/2017	1,333.06	1,711.75
8	404 - Det - As	122.92		875	11.76	16.68	29.50	09/03/2017	1,445.54	2,050.31
9	503-A - Det - As	148.41		875	13.26	16.00	17.15	16/09/2020	1,967.92	2,374.56
10	308 - Semi - Op	109.53		525	12.34	15.80	21.89	08/03/2017	1,351.60	1,730.57
11	308 - Semi - As	109.53		525	12.45	15.90	21.69	25/04/2017	1,363.65	1,741.53
12	308 - Semi - Op	109.53		525	12.15	15.80	23.09	16/06/2017	1,330.79	1,730.57
13	308 - Semi - As	109.53		525	12.28	15.90	22.76	16/06/2017	1,345.03	1,741.53
14	404-A - Det - Op	123.9		700	12.29	16.52	25.59	16/06/2017	1,522.73	2,046.83
15	404-A - Det - As	123.9		690	12.66	16.71	24.22	05/09/2017	1,568.57	2,070.37
16	2302 - End - Op	77.9		525	14.01	18.88	25.79	03/07/2017	1,091.38	1,470.75
17	2302 - Mid - As	77.9		350	13.56	17.29	21.59	03/07/2017	1,056.32	1,346.89
18	2302 - Mid - As	77.9		525	12.38	17.29	28.41	03/07/2017	964.40	1,346.89
19	2302 - End - As	77.9		525	13.75	18.62	26.17	03/07/2017	1,071.13	1,450.50
20	SHL3 - Semi - As	92.98		371	14.15	17.57	19.45	27/09/2017	1,315.67	1,633.66
21	SHL3 - Semi - Op	92.98		371	14.15	17.64	19.80	27/09/2017	1,315.67	1,640.17
22	SHL2 - End - As	79		371	14.93	18.75	20.39	27/09/2017	1,179.47	1,481.25
23	SHL2 - Mid - As	79		371	13.45	17.21	21.83	27/09/2017	1,062.55	1,359.59
24	SHL2 - End - Op	79		371	14.64	18.62	21.37	27/09/2017	1,156.56	1,470.98
25	SHL3W - Semi - As	93.02		350	14.87	18.00	17.41	22/11/2017	1,383.21	1,674.36
26	SHL3 - Semi - As	92.98		350	14.97	18.21	17.78	22/11/2017	1,391.91	1,693.17
27	SHL2 - Semi - Op	79		350	14.85	18.58	20.08	22/11/2017	1,173.15	1,467.82
28	SHL2 - Semi - As	79		350	15.02	18.75	19.90	22/11/2017	1,186.58	1,481.25
29	SHL3 - Semi - Op	92.98		350	14.26	17.57	18.85	22/11/2017	1,325.89	1,633.66
30	SHL3 - Semi - As	93.94		350	14.17	17.44	18.77	22/11/2017	1,331.13	1,638.31
31	409 - Det - As	121.95		700	13.11	17.31	24.25	22/11/2017	1,598.76	2,110.95
32	409 - Det - Op	120.97		700	13.12	17.33	24.29	22/11/2017	1,587.13	2,096.41
33	303i-A - Det - As	89.2		553	14.35	18.98	24.38	26/02/2018	1,280.02	1,693.02
34	402 - Det - As	109.98		553	13.6	17.51	22.33	11/10/2017	1,495.73	1,925.75
35	404-A - Det - Op	123.9		700	12.38	16.46	24.77	11/10/2017	1,533.88	2,039.39
36	3401 - Semi - As	91.54		553	13.12	17.45	24.81	12/01/2018	1,201.00	1,597.37
37	3401 - Semi - Op	91.54		553	12.95	17.22	24.81	19/01/2018	1,185.44	1,576.32
38	409 - Det - Op	121.95		700	12.93	17.01	23.97	25/10/2017	1,576.81	2,074.37
39	508 - Det - Op	145.62		700	12.56	15.55	19.24	11/10/2017	1,828.99	2,264.39
40	403CT-A - Det - Op	111.35		700	12.61	17.32	27.17	11/10/2017	1,404.12	1,928.58
41	308 - Semi - Op	109.53		610	11.71	15.58	24.86	05/09/2017	1,282.60	1,706.48
42	308 - Semi - As	109.53		610	11.75	15.58	24.60	05/09/2017	1,286.98	1,706.48
43	308 - Semi - Op	109.53		525	12.13	15.58	22.16	01/08/2017	1,328.60	1,706.48
44	308 - Semi - As	109.53		525	12.11	15.58	22.29	01/08/2017	1,326.41	1,706.48
45	403CT-A - Det - As	111.35		700	12.86	17.32	25.73	05/06/2017	1,431.96	1,928.58
46	403CT-A - Det - Op	111.35		700	14.13	17.83	20.76	02/02/2018	1,573.38	1,985.37
47	307 - Semi - As	92.92		525	14.52	17.52	17.13	02/02/2018	1,349.20	1,627.96
48	307 - Semi - Op	92.92		525	14.56	17.52	16.90	02/02/2018	1,352.92	1,627.96
49	307 - Semi - As	92.92		553	14.31	17.52	18.33	02/02/2018	1,329.69	1,627.96
50	307 - Semi - Op	92.92		553	14.36	17.52	18.04	26/02/2018	1,334.33	1,627.96
51	403CT-A - Det - As	111.35	1.00		12.96	17.44	25.69	25/04/2019	1,443.10	1,941.94
52	SHL3W - Det - As	93.02	0.53		14.36	18.19	21.05	25/04/2019	1,335.77	1,692.03
53	SHL2 - Semi - As	79		371	15.03	18.68	19.54	03/04/2018	1,187.37	1,475.72
54	SHL2 - Semi - Op	79		371	14.84	18.51	19.83	03/04/2018	1,172.36	1,462.29
55	SHL2 - Semi - As	79		371	15.09	18.68	19.22	03/04/2018	1,192.11	1,475.72
56	SHL2 - Semi - Op	79		371	14.97	18.51	19.13	03/04/2018	1,182.63	1,462.29
57	SHL2 - Semi - As	79		371	15.02	18.68	19.60	03/04/2018	1,186.58	1,475.72
58	SHL2 - Semi - Op	79		371	14.81	18.51	19.99	03/04/2018	1,169.99	1,462.29
59	303i - Det - Op	89.2		553	14.62	19.05	23.27	16/05/2018	1,304.10	1,699.26
60	409 - Det - As	120.97	1.00		13.21	17.32	23.71	25/04/2019	1,598.01	2,095.20
61	409 - Det - As	120.97	1.00		13.18	17.32	23.88	25/04/2019	1,594.38	2,095.20
62	306i - Det - As	92.62	0.75		14.41	19.00	24.16	04/07/2018	1,334.65	1,759.78
63	306i - Det - As	92.62	0.75		14.48	19.00	23.79	12/07/2018	1,341.14	1,759.78
64	306i-A - Det - As	93.42	0.75		14.29	18.77	23.87	12/07/2018	1,334.97	1,753.49
65	PF01 - Det - As	70.58	0.50		17.45	23.10	24.47	20/07/2018	1,231.62	1,630.40
66	SHL2 - End - As	79	0.50		14.33	18.58	22.87	12/07/2018	1,132.07	1,467.82
67	SHL2 - Mid - As	79	0.50		13.14	17.28	23.94	12/07/2018	1,038.06	1,365.12
68	SHL2 - End - Op	79	0.50		14.49	18.72	22.59	12/07/2018	1,144.71	1,478.88
69	SHL2 - Semi - As	79	0.50		14.18	18.61	23.81	20/07/2018	1,120.22	1,470.19
70	SHL2 - Semi - Op	79	0.50		14.40	18.61	22.62	24/07/2018	1,137.60	1,470.19
71	PF01 - Det - Op	70.58	0.50		16.99	23.10	26.46	20/07/2018	1,199.15	1,630.40
72	303i-A - Det - As	89.2	0.75		14.07	18.84	25.31	25/04/2019	1,255.04	1,680.53
73	409 - Det - Op	120.97	1.00		13.08	17.40	24.83	25/04/2019	1,582.29	2,104.88
74	306i - Det - As	92.62	0.75		14.47	18.99	23.79	25/04/2019	1,340.21	1,758.85
75	306i - Det - Op	92.62	0.75		14.56	18.99	23.31	25/04/2019	1,348.55	1,758.85
76	409 - Det - As	120.97	1.00		13.00	17.29	24.80	25/04/2019	1,572.61	2,091.57
77	306i - Det - As	92.62	0.75		14.97	18.99	21.15	25/04/2019	1,386.52	1,758.85
78	403CT - Det - As	109.92	1.00		12.04	17.43	30.92	25/04/2019	1,323.44	1,915.91
79	2302 - Semi - As	77.9	0.75		12.15	18.25	33.41	25/04/2019	946.49	1,421.68
80	2302 - Semi - Op	77.9	0.75		12.24	18.32	33.18	25/04/2019	953.50	1,427.13
81	2302 - Semi - As	77.9	0.75		12.56	18.25	31.17	25/04/2019	978.42	1,421.68
82	2302 - Semi - Op	77.9	0.75		12.17	18.32	33.56	25/04/2019	948.04	1,427.13
83	404 - Det - As	122.92	1.00		11.38	16.68	31.78	25/04/2019	1,398.83	2,050.31
84	404-A - Det - As	123.9	1.00		11.37	16.52	31.16	25/04/2019	1,408.74	2,046.83
85	508-A - Det - As	146.42	1.00		12.20	15.47	21.15	25/04/2019	1,786.32	2,265.12
86	409 - Det - As	120.97	1.00		12.60	17.11	26.37	25/04/2019	1,524.22	2,069.80
87	409 - Det - As	120.97	1.00		12.63	17.11	26.19	25/04/2019	1,527.85	2,069.80
88	508-A - Det - Op	146.42	1.00		12.21	15.47	21.05	25/04/2019	1,787.79	2,265.12
89	404 - Det - As	122.92	1.00		11.20	16.47	32.02	25/04/2019	1,376.70	2,024.49
90	306i - Semi - Op	92.62	0.75		12.12	17.55	30.96	25/04/2019	1,122.55	1,625.48
91	306i - Semi - As	92.62	0.75		12.09	17.55	31.13	25/04/2019	1,119.78	1,625.48
92	404 - Det - Op	122.92	1.00		11.45	16.68	31.36	25/04/2019	1,407.43	2,050.31
93	404-A - Det - Op	123.9	1.00		11.60	16.88	31.28	25/04/2019	1,437.24	2,091.43

94	306i - Det - As	92.62	0.75		14.17	19.00	25.42	25/04/2019
95	306i - Det - Op	92.62	0.75		14.21	19.00	25.21	25/04/2019
96	506-A - Det - As	184.12	1.00		10.96	13.95	21.44	25/04/2019
97	409 - Det - Op	120.97	1.00		11.85	16.92	29.97	25/04/2019
98	409 - Det - As	120.97	1.00		11.84	16.92	30.03	25/04/2019
99	502 - Det - As	160.76	1.25		10.99	14.91	26.31	25/04/2019
100	404 - Det - Op	122.92	1.00		11.45	16.47	30.50	25/04/2019
101	3401- Semi - As	91.54	0.75		12.11	17.20	29.59	25/04/2019
102	3401- Semi - Op	91.54	0.75		11.99	17.04	29.64	25/04/2019
103	306i - Det - As	92.62	0.75		13.51	18.86	28.36	25/04/2019
104	409 - Det - As	120.97	1.00		12.23	17.11	28.53	25/04/2019
105	409 - Det - As	120.97	1.00		12.25	17.11	28.42	25/04/2019
106	404-A - Det - Op	123.9		1002	11.98	16.71	28.29	11/06/2018
107	409 - Semi - As	120.97		822	12.45	16.17	22.99	11/06/2018
108	409 - Semi - Op	120.97		822	11.64	16.06	27.52	11/06/2018
109	409 - Det - Op	120.97		778	12.67	17.29	26.71	11/06/2018
110	409 - Semi - As	120.97		981	11.52	16.17	28.74	19/07/2018
111	409 - Semi - Op	120.97		981	11.39	16.06	29.08	19/07/2018
112	404-A - Det - As	123.9		822	12.21	16.88	27.67	11/06/2018
113	SHL2 - End - As	79	0.50		14.43	18.75	23.04	15/11/2018
114	SHL2 - Mid - As	79	0.50		12.97	17.28	24.92	15/11/2018
115	SHL2 - End - Op	79	0.50		14.22	18.50	23.15	15/11/2018
116	SHL2 - End - As	79	0.50		14.55	18.68	22.11	15/11/2018
117	SHL2 - Mid - As	79	0.50		12.84	17.21	25.37	15/11/2018
118	SHL2 - Mid - As	79	0.50		12.88	17.21	25.14	15/11/2018
119	SHL2 - Mid - As	79	0.50		12.71	17.21	26.13	15/11/2018
120	SHL2 - End - Op	79	0.50		14.02	18.56	24.47	15/11/2018
121	SHL3W - Semi - As	93.02	0.50		13.15	16.96	22.48	15/11/2018
122	SHL2 - Semi - Op	79	0.50		14.30	18.58	23.04	15/11/2018
123	403CT - Det - Op	109.92	1.00		11.42	17.00	32.82	17/12/2018
124	306i - Det - Op	92.62	0.75		13.75	18.92	27.33	07/02/2019
125	SHL2 - End - As	79	0.50		14.34	18.68	23.24	06/12/2018
126	SHL2 - Mid - As	79	0.50		12.86	17.21	25.26	06/12/2018
127	SHL2 - Mid - As	79	0.50		12.83	17.21	25.43	06/12/2018
128	SHL2 - End - Op	79	0.50		14.24	18.56	23.29	06/12/2018

1,312.43	1,759.78
1,316.13	1,759.78
2,017.96	2,568.47
1,433.49	2,046.81
1,432.28	2,046.81
1,766.75	2,396.93
1,407.43	2,024.49
1,108.55	1,574.49
1,097.56	1,559.84
1,251.30	1,746.81
1,479.46	2,069.80
1,481.88	2,069.80
1,484.32	2,070.37
1,506.08	1,956.08
1,408.09	1,942.78
1,532.69	2,091.57
1,393.57	1,956.08
1,377.85	1,942.78
1,512.82	2,091.43
1,139.97	1,481.25
1,024.63	1,365.12
1,123.38	1,461.50
1,149.45	1,475.72
1,014.36	1,359.59
1,017.52	1,359.59
1,004.09	1,359.59
1,107.58	1,466.24
1,223.21	1,577.62
1,129.70	1,467.82
1,255.29	1,868.64
1,273.53	1,752.37
1,132.86	1,475.72
1,015.94	1,359.59
1,013.57	1,359.59
1,124.96	1,466.24
168,308.96	223,246.41

Total TER (Building Regulations 2013) 223,246.41
 Total DER (Building Regulations 2013) 168,308.96
 CO2 Emissions Reduction 54,937.44
 % Improvement over Building Regulations Part L 2013 **24.61%**

Plot	House Type	Total Floor Area	PV kWp	PV kWh (MCS)	Dwelling Emission Rate DER kgCO2/sqm/year	Target Emission Rate TER kgCO2/sqm/year	% Reduction	EPC Issue Date	DER x FA kgCO2/year	TER x FA kgCO2/year
129	SHL3W - Semi (Op)	93.02	1.35	634.50	13.34	17.82	25.12	22/08/2019	1,240.89	1,657.62
130	SHL2 - Mid (As)	79	0.54	477.90	15.48	18.74	17.42	22/08/2019	1,222.92	1,480.46
131	PF01 - Mid (Op)	68.27	0.81	716.85	17.42	22.10	21.16	22/02/2019	1,189.26	1,508.77
132	SHL3 - Mid (Op)	92.96	0.81	719.28	13.86	17.73	21.83	03/09/2019	1,288.43	1,648.18
133	SHL3 - Mid (Op)	92.96	0.54	479.52	13.91	17.04	18.38	03/09/2019	1,293.07	1,584.04
134	SHL3W - Semi (As)	93.02	0.54	538.92	13.74	16.77	18.08	03/09/2019	1,278.09	1,559.95
135	P306i - Det (Op)	92.53		805.14	14.67	18.83	22.08	09/05/2019	1,357.42	1,742.34
136	P404 - Det (Op)	122.92		805.14	12.71	16.08	20.95	09/05/2019	1,562.31	1,976.55
137	P403 CT - Det (Op)	109.92		767.88	13.47	17.13	21.37	09/05/2019	1,480.62	1,882.93
138	P404 - Det (Op)	122.92		788.94	12.87	16.11	20.10	09/05/2019	1,581.98	1,980.24
139	P402 - Det (As)	110.14		788.94	13.99	17.32	19.24	29/05/2019	1,540.86	1,907.62
140	404-A - Det (As)	123.97		805.14	13.79	16.69	17.39	29/05/2019	1,709.55	2,069.06
141	P506 - Det (As)	183.32	1.08	1082.16	11.58	13.88	16.56	27/06/2019	2,122.85	2,544.48
142	P404 - Det (As)	122.92	0.81	811.62	12.94	16.20	20.15	27/06/2019	1,590.58	1,991.30
143	P306i - Det (As)	92.54	0.81	811.62	14.23	18.56	23.32	27/06/2019	1,316.84	1,717.54
144	P506-A - Det	183.98		1217.70	10.77	14.11	23.65	13/06/2019	1,981.46	2,595.96
145	P506 - Det (As)	183.32		974.16	11.25	13.92	19.16	13/06/2019	2,062.35	2,551.81
146	P508 - Det (As)	145.44		724.95	12.68	15.30	17.11	13/06/2019	1,844.18	2,225.23
147	P404 - Det (Op)	122.92		730.62	12.52	16.20	22.74	13/06/2019	1,538.96	1,991.30
148	404-A - Det (As)	123.97	0.81	817.29	12.92	16.50	21.69	01/07/2019	1,601.69	2,045.51
149	P306i - Det (Op)	92.54	0.81	811.62	14.16	18.75	24.49	22/08/2019	1,310.37	1,735.13
150	P404 - Det (As)	122.92	0.81	811.62	12.44	16.11	22.77	07/10/2019	1,529.12	1,980.24
151	P404 - Det (As)	122.92	0.81	730.62	12.43	16.08	22.69	02/10/2019	1,527.90	1,976.55
152	P404 - Det (As)	122.92	0.81	730.62	12.39	16.08	22.94	02/10/2019	1,522.98	1,976.55
153	P505 - Det (Op)	183.74	1.08	1090.80	11.91	14.39	17.25	10/10/2019	2,188.34	2,644.02
154	P404 - Det (As)	122.92	0.81	797.85	12.62	16.20	22.12	05/12/2019	1,551.25	1,991.30
155	P505 - Det (As)	183.74	1.08	1082.16	11.61	14.27	18.62	05/12/2019	2,133.22	2,621.97
156	P306i - Det (Op)	92.54	0.81	730.62	15.13	18.84	19.68	12/11/2019	1,400.13	1,743.45
157	P404 - Det (Op)	122.92	0.81	730.62	12.6	16.20	22.24	12/11/2019	1,548.79	1,991.30
158	P306i - Semi (Op)	92.54	0.81	730.62	13.39	17.44	23.24	12/11/2019	1,239.11	1,613.90
159	P306i - Semi (As)	92.54	0.81	730.62	13.48	17.44	22.72	12/11/2019	1,247.44	1,613.90
160	P404-A - Det (As)	123.97	0.81	811.62	12.97	16.44	21.11	09/12/2019	1,607.89	2,038.07
161	P508 - Det (As)	145.44	0.81	811.62	12.56	15.12	16.91	28/11/2019	1,826.73	2,199.05
162	P508-A - Det (As)	146.22	1.08	1082.16	12.41	15.59	20.41	28/11/2019	1,814.59	2,279.57
163	P306i - Det (As)	92.54	0.81	730.62	14.80	18.84	21.43	05/12/2019	1,369.59	1,743.45
164	P508 - Det (Op)	145.44	0.81	738.72	12.79	15.43	17.13	05/12/2019	1,860.18	2,244.14
165	P404-A - Det (As)	123.97	0.81	805.14	13.00	16.61	21.75	05/12/2019	1,611.61	2,059.14
166	SHL4 - Det (Op)	109.52		817.29	13.99	17.88	21.76	10/04/2019	1,532.18	1,958.22
167	2302 - Semi (As)	77.9		544.86	14.55	18.06	19.45	01/05/2019	1,133.45	1,406.87
168	2302 - Semi (Op)	77.9		544.86	14.63	18.06	19.01	01/05/2019	1,139.68	1,406.87
169	P306i - Det (As)	92.54	0.81	817.29	14.25	18.56	23.22	15/08/2019	1,318.70	1,717.54
170	2302 - End (As)	77.9		716.85	14.29	18.63	23.30	26/04/2019	1,113.19	1,451.28
171	2302 - Mid (As)	77.9		477.90	13.83	17.16	19.39	26/04/2019	1,077.36	1,336.76
172	2302 - End (Op)	77.9		477.90	15.59	18.53	15.86	26/04/2019	1,214.46	1,443.49
173	2302 - End (As)	77.9		477.90	15.37	18.53	17.05	24/04/2019	1,197.32	1,443.49
174	2302 - Mid (Op)	77.9		477.90	13.65	17.16	20.44	24/04/2019	1,063.34	1,336.76
175	2302 - End (Op)	77.9		716.85	14.21	18.63	23.73	24/04/2019	1,106.96	1,451.28
176	P306i - Det (Op)	92.54	0.81	817.29	14.31	18.56	22.89	15/08/2019	1,324.25	1,717.54
177	P404 - Det (Op)	122.92		817.29	12.76	16.13	20.91	10/04/2019	1,568.46	1,982.70
178	P404 - Det (Op)	122.92		797.85	12.92	16.20	20.27	03/12/2018	1,588.13	1,991.30
179	P409 - Det (Op)	121.23		744.39	13.60	16.73	18.73	03/12/2018	1,648.73	2,028.18
180	P409 - Det (Op)	121.23		744.39	13.57	16.73	18.91	03/12/2018	1,645.09	2,028.18
181	P306i - Semi (Op)	92.54		744.39	13.26	17.44	23.98	03/12/2018	1,227.08	1,613.90
182	P306i - Semi (As)	92.54		744.39	13.32	17.44	23.64	03/12/2018	1,232.63	1,613.90
183	P404-A - Det (Op)	123.97		824.58	13.05	16.43	20.59	29/11/2019	1,617.81	2,036.83
184	P307 - Semi (Op)	81.85		825.39	14.51	19.26	24.67	12/12/2018	1,187.64	1,576.43
185	P307 - Semi (As)	81.85		825.39	14.49	19.26	24.77	12/12/2018	1,186.01	1,576.43
186	P307 - Semi (Op)	81.85		822.15	14.54	19.26	24.51	17/12/2018	1,190.10	1,576.43
187	P307 - Semi (As)	81.85		822.15	14.56	19.26	24.41	17/12/2018	1,191.74	1,576.43
188	P308 - Semi (As)	109.53		811.62	13.16	16.71	21.23	07/02/2019	1,441.41	1,830.25
189	P308 - Semi (Op)	109.53		811.62	12.99	16.54	21.49	07/02/2019	1,422.79	1,811.63
190	P308 - Semi (As)	109.53		796.23	13.18	16.71	21.11	25/03/2019	1,443.61	1,830.25
191	P308 - Semi (Op)	109.53		796.23	13.07	16.54	21.00	25/03/2019	1,431.56	1,811.63
192	PF01 - Semi (As)	68.27	0.81	797.85	17.40	22.77	23.59	25/06/2019	1,187.90	1,554.51
193	GFF - Semi (As)	70.29		436.89	13.65	17.74	23.05	25/06/2019	959.46	1,246.94
194	GFF - Semi (As)	67.67		420.60	14.40	18.12	20.52	25/06/2019	974.45	1,226.18
195	GFF - Det (As)	67.49		419.48	14.92	18.96	21.30	25/06/2019	1,006.95	1,279.61
196	1FF - Semi (As)	51.94		322.83	18.99	21.26	10.68	25/06/2019	986.34	1,104.24
197	1FF - Semi (As)	70.29		436.89	11.01	15.40	28.50	25/06/2019	773.89	1,082.47
198	1FF - Semi (As)	67.67		420.60	11.19	15.24	26.58	25/06/2019	757.23	1,031.29
199	1FF - Det (As)	67.49		419.48	12.50	16.46	24.05	25/06/2019	843.63	1,110.89
200	2FF - Det (As)	51.94		322.83	17.18	20.83	17.52	25/06/2019	892.33	1,081.91
201	2FF - Semi (As)	70.29		436.89	13.75	17.61	21.93	25/06/2019	966.49	1,237.81
202	2FF - Semi (As)	66.84		415.44	13.92	17.72	21.44	25/06/2019	930.41	1,184.40
203	2FF - Det (As)	66.67		414.39	15.19	18.85	19.40	28/06/2019	1,012.72	1,256.73
204	GFF - Det (As)	67.61		482.17	15.92	19.94	20.15	21/05/2019	1,076.35	1,348.14
205	GFF - Det (As)	67.44		480.95	16.12	20.12	19.88	21/05/2019	1,087.13	1,356.89
206	1FF - Det (As)	66.84		476.68	13.30	17.42	23.65	21/05/2019	888.97	1,164.35
207	1FF - Det (As)	66.67		475.46	13.56	17.58	22.87	21/05/2019	904.05	1,172.06
208	2FF - Det (As)	66.84		476.68	14.65	18.83	22.18	21/05/2019	979.21	1,258.60
209	2FF - Det (As)	66.67		475.46	14.78	18.89	21.76	21/05/2019	985.38	1,259.40
210	SHL2.5 - Semi (As)	110.2		716.85	12.62	15.99	21.10	28/05/2019	1,390.72	1,762.10
211	SHL2.5 - Semi (Op)	110.2		716.85	13.00	16.38	20.61	28/05/2019	1,432.60	1,805.08
									112,373.42	142,190.79

Total TER (Building Regulations 2013) 142,190.79
Total DER (Building Regulations 2013) 112,373.42
CO2 Emissions Reduction 29,817.37
% Improvement over Building Regulations Part L 2013 **20.97%**

Plot	House Type	Total Floor Area	PV kWp	PV kWh (MCS)	Dwelling Emission Rate DER kgCO2/sqm/year	Target Emission Rate TER kgCO2/sqm/year	% Reduction	EPC Issue Date	DER x FA kgCO2/year	TER x FA kgCO2/year
212	14 - Aspen - Det (As)	127.3	0.83	801.90	13.3	17.23	22.80	29/09/2021	1,693.09	2,193.38
213	14A - Aspen - Det (As)	127.3	0.83	833.25	13.07	17.09	23.52	14/10/2021	1,663.81	2,175.56
214	20 - Lime - Det (As)	191.66	0.83	837.38	11.89	14.95	20.45	28/10/2021	2,278.84	2,865.32
215	16B-A - Maple - Det (Op)	167.08	1.10	1120.90	11.94	15.75	24.17	28/10/2021	1,994.94	2,631.51
216	SHL2 - End (As)	79	0.55	466.95	14.45	18.54	22.06	22/11/2021	1,141.55	1,464.66
217	SHL2 - Mid (As)	79	0.55	466.95	12.3	16.92	27.29	22/11/2021	971.70	1,336.68
218	SHL2 - End (As)	79	0.55	466.95	14.55	18.74	22.34	22/11/2021	1,149.45	1,480.46
219	SHL3 - Semi (Op)	92.96	0.55	471.35	14.8	18.36	19.39	22/11/2021	1,375.81	1,706.75
220	SHL3W - Semi (As)	93.02	1.10	497.20	13.87	17.61	21.24	22/11/2021	1,290.19	1,638.08
221	14A - Aspen - Det (As)	127.3	0.83	722.70	14.11	17.30	18.43	06/11/2020	1,796.20	2,202.29
222	8 - Cypress - Det (Op)	102.82	0.55	486.75	14.94	18.16	17.74	06/11/2020	1,536.13	1,867.21
223	14 - Aspen - Det (As)	127.3	0.83	722.70	13.8	17.17	19.63	06/11/2020	1,756.74	2,185.74
224	8 - Cypress - Det (Op)	102.82	0.55	486.75	14.95	18.16	17.68	06/11/2020	1,537.16	1,867.21
225	14A - Aspen - Det (Op)	127.3	0.83	722.70	13.7	17.06	19.71	06/11/2020	1,744.01	2,171.74
226	SHL2 - End (As)	79	0.55	557.70	13.96	18.59	24.92	24/07/2020	1,102.84	1,468.61
227	SHL2 - Mid (As)	79	0.27	258.14	14.16	17.47	18.94	24/07/2020	1,118.64	1,380.13
228	SHL2 - Mid (As)	79	0.27	233.00	14.21	17.56	19.08	24/07/2020	1,122.59	1,387.24
229	SHL2 - End (As)	79	0.55	557.70	14.01	18.60	24.68	24/07/2020	1,106.79	1,469.40
230	SHL2 - Semi (As)	79	0.55	557.70	13.97	18.59	24.87	24/07/2020	1,103.63	1,468.61
231	SHL2 - Semi (Op)	79	0.55	557.70	13.96	18.59	24.92	24/07/2020	1,102.84	1,468.61
232	18 - Birch - Det (Op)	167.53	1.10	1038.40	12	15.72	23.66	24/11/2020	2,010.36	2,633.57
233	14 - Aspen - Det (As)	127.3	0.83	778.80	13.26	17.11	22.52	24/11/2020	1,688.00	2,178.10
234	14A - Aspen - Det (Op)	127.3	0.83	791.18	13.23	17.12	22.74	24/11/2020	1,684.18	2,179.38
235	18 - Birch - Det (As)	167.53	1.10	1054.90	12.12	15.79	23.23	24/11/2020	2,030.46	2,645.30
236	14 - Aspen - Det (As)	127.3	0.83	791.18	13.48	17.23	21.75	24/11/2020	1,716.00	2,193.38
237	16B-A - Maple - Det (As)	167.08	1.10	963.60	12.45	15.90	21.70	16/11/2020	2,080.15	2,656.57
238	12 - Juniper - Det (As)	113.1	0.55	481.80	14.32	17.31	17.25	16/11/2020	1,619.59	1,957.76
239	14 - Aspen - Det (As)	127.3	0.82	601.90	14.1	17.21	18.07	16/11/2020	1,794.93	2,190.83
240	14AB - Aspen - Det (Op)	128.52	0.82	624.49	14.22	17.34	17.98	16/11/2020	1,827.55	2,228.54
241	12 - Juniper - Det (Op)	113.1	0.55	519.20	13.78	16.98	18.85	19/03/2021	1,558.52	1,920.44
242	14A - Aspen - Det (Op)	127.3	0.83	778.80	13.2	16.92	22.01	29/03/2021	1,680.36	2,153.92
243	18 - Birch - Det (As)	167.53	1.10	1038.40	11.82	15.42	23.37	12/04/2021	1,980.20	2,583.31
244	18 - Birch - Det (As)	167.53	1.10	1038.40	11.86	15.42	23.11	12/04/2021	1,986.91	2,583.31
245	16B-A - Maple - Det (Op)	167.08	1.10	1069.20	12.27	16.07	23.65	07/05/2021	2,050.07	2,684.98
246	14A - Aspen - Det (Op)	127.3	0.82	609.90	14.24	17.15	16.95	07/05/2021	1,812.75	2,183.20
247	14 - Aspen - Det (Op)	127.3	0.82	599.85	13.90	17.00	18.23	11/05/2021	1,769.47	2,164.10
248	14 - Aspen - Det (Op)	127.3	0.83	833.25	13.21	16.99	22.24	25/05/2021	1,681.63	2,162.83
249	12 - Juniper - Det (Op)	113.1	0.55	555.50	14.04	17.11	17.96	25/05/2021	1,587.92	1,935.14
250	12 - Juniper - Det (Op)	113.1	0.55	555.50	14.12	17.11	17.49	25/05/2021	1,596.97	1,935.14
251	8 - Cypress - Det (As)	102.82	0.55	559.90	14.62	18.26	19.91	25/05/2021	1,503.23	1,877.49
252	16B-A - Maple - Det (As)	167.08	1.38	1122.00	11.89	15.96	25.50	28/07/2021	1,986.58	2,666.60
253	18 - Birch - Det (As)	167.53	1.38	1093.13	12.07	15.57	22.48	06/02/2024	2,022.09	2,608.44
254	14A - Aspen - Det (Op)	127.3	0.83	638.55	14.09	17.23	18.23	19/08/2021	1,793.66	2,193.38
255	16B-A - Maple - Det (As)	167.08	1.10	1120.90	12.26	16.19	24.26	24/09/2021	2,048.40	2,705.03
256	14 - Aspen - Det (Op)	127.3	0.83	840.68	12.75	16.61	23.24	08/09/2021	1,623.08	2,114.45
257	20 - Lime - Det (As)	191.66	0.83	843.98	11.40	14.83	23.11	29/09/2021	2,184.92	2,842.32
258	14 - Aspen - Det (Op)	127.3	0.83	833.25	12.85	16.83	23.63	24/09/2021	1,635.81	2,142.46
259	16B-A - Maple - Det (Op)	167.08	1.10	1038.40	12.44	16.27	23.52	29/09/2021	2,078.48	2,718.39
403	SHL4 - Semi (As)	109.6	0.82	435.24	13.85	16.87	17.89	24/03/2020	1,517.96	1,848.95
404	SHL3W - Semi (Op)	93.02	0.82	382.81	14.24	17.37	18.01	24/03/2020	1,324.60	1,615.76
405	SHL2 - Semi (Op)	79	0.55	489.50	14.51	18.78	22.74	15/11/2019	1,146.29	1,483.62
406	12 - Juniper - Det (As)	113.1	0.55	546.70	14.34	17.27	16.96	15/01/2020	1,621.85	1,953.24
407	12 - Juniper - Det (Op)	113.1	0.55	546.70	14.28	17.24	17.18	15/01/2020	1,615.07	1,949.84
408	8 - Cypress - Det (As)	102.82	0.55	551.10	14.89	18.34	18.81	16/12/2019	1,530.99	1,885.72
409	SHL3 - Semi (As)	92.96	0.55	551.65	14.21	18.24	22.09	18/11/2019	1,320.96	1,695.59
410	SHL3 - Semi (Op)	92.96	0.55	551.65	14.18	18.22	22.18	18/11/2019	1,318.17	1,693.73
411	SHL3 - Semi (As)	92.96	0.55	489.50	14.53	18.22	20.26	20/11/2019	1,350.71	1,693.73
412	SHL3 - Semi (Op)	92.96	0.55	489.50	14.65	18.33	20.08	20/11/2019	1,361.86	1,703.96
413	SHL2 - Semi (As)	79	0.55	489.50	14.24	18.54	23.19	15/11/2019	1,124.96	1,464.66
414	SHL3 - Semi (As)	92.96	0.55	489.50	14.65	18.33	20.08	12/11/2019	1,361.86	1,703.96
415	SHL3 - Semi (Op)	92.96	0.55	489.50	14.53	18.22	20.26	12/11/2019	1,350.71	1,693.73
416	SHL2 - Semi (As)	79	0.55	489.50	14.63	18.78	22.10	12/11/2019	1,155.77	1,483.62
417	SHL2 - Semi (Op)	79	0.55	489.50	14.22	18.54	23.30	12/12/2019	1,123.38	1,464.66
418	SHL3 - Semi (Op)	92.96	0.55	489.50	14.69	18.39	20.12	15/11/2019	1,365.58	1,709.53
419	SHL3W - Semi (Op)	93.02	0.55	548.90	12.69	16.73	24.13	15/11/2019	1,180.42	1,556.22
420	14AB - Aspen - Det (As)	128.52	0.82	608.96	14.03	17.08	17.86	24/06/2020	1,803.14	2,195.12
421	12 - Juniper - Det (Op)	113.1	0.82	474.13	14.51	17.18	15.56	09/09/2020	1,641.08	1,943.06
422	14AB - Aspen - Det (Op)	128.52	0.82	621.47	14.45	17.36	16.78	09/09/2020	1,857.11	2,231.11
423	12 - Juniper - Det (As)	113.1	0.82	473.02	14.58	17.29	15.67	09/09/2020	1,649.00	1,955.50
424	8 - Cypress - Det (As)	102.82	0.55	476.85	15.09	18.32	17.62	09/09/2020	1,551.55	1,883.66
425	8 - Cypress - Det (As)	102.82	0.55	476.85	15.30	18.32	16.47	07/08/2020	1,573.15	1,883.66
426	14AB - Aspen - Det (Op)	128.52	0.82	608.96	14.03	17.08	17.86	18/03/2020	1,803.14	2,195.12
427	9 - Beech - Semi (As)	108.02	0.55	558.25	12.63	16.37	22.84	04/11/2019	1,364.29	1,768.29
428	9 - Beech - Semi (Op)	108.02	0.55	558.25	12.62	16.36	22.88	04/11/2019	1,363.21	1,767.21
429	9 - Beech - Semi (As)	108.02	0.55	558.25	12.65	16.37	22.72	04/11/2019	1,366.45	1,768.29
430	9 - Beech - Semi (Op)	108.02	0.55	558.25	12.64	16.37	22.80	05/11/2019	1,365.37	1,768.29
431	SHL3 - Semi (As)	92.96	0.55	480.70	14.82	18.22	18.67	02/10/2019	1,377.67	1,693.73
432	SHL3 - Semi (Op)	92.96	0.55	480.70	14.86	18.33	18.93	02/10/2019	1,381.39	1,703.96
433	SHL2 - Semi (As)	79	0.55	476.85	14.69	18.78	21.78	02/10/2019	1,160.51	1,483.62
434	SHL2 - Semi (Op)	79	0.55	476.85	14.48	18.54	21.89	02/10/2019	1,143.92	1,464.66
435	SHL2.5 - Semi (As)	110.2	0.55	554.40	12.10	16.32	25.87	04/11/2019	1,333.42	1,798.46
436	SHL2.5 - Semi (Op)	110.2	0.55	554.40	12.06	16.32	26.12	04/11/2019	1,329.01	1,798.46
437	SHL2.5 - Semi (As)	110.2	0.55	554.40	11.99	16.32	26.55	04/10/2019	1,321.30	1,798.46
438	SHL2.5 - Semi (Op)	110.2	0.55	554.40	12.05	16.32	26.18	04/10/2019	1,327.91	1,798.46
439	SHL3W - End (Op)	93.02	0.55	552.75	12.23	16.73	26.88	23/08/2019	1,137.63	1,556.22
440	SHL3 - Mid (As)	92.96	0.55	215.96	14.12	17.73	20.35	23/08/2019	1,312.60	1,648.18
441	SHL3WA - End (As)	93	0.27	412.91	14.61	17.63	17.13	27/08/2019	1,358.73	1,639.59
442	SHL3 - Semi (As)	92.96	0.55	480.70	14.17	18.22	22.24	23/08/2019	1,317.24	1,693.73
443	SHL3 - Semi (Op)	92.96	0.55	480.70	14.26	18.33	22.21	23/08/2019	1,325.61	1,703.96
									136,554.81	173,208.86

CO2 Emissions Reduction	36,654.06
% Improvement over Building Regulations Part L 2013	21.16%

Plot	House Type	Total Floor Area	PV kWp	PV kWh (MCS)	Dwelling Emission Rate DER kgCO2/sqm/year	Target Emission Rate TER kgCO2/sqm/year	% Reduction	EPC Issue Date	DER x FA kgCO2/year	TER x FA kgCO2/year
260	ASH400 SHL4 Det (As)	109.52			18	18.22	1.23	16/03/2022	1,971.36	1,995.45
261	ASH301 SHL3 Semi (As)	92.96			17.08	17.73	3.68	16/03/2022	1,587.76	1,648.18
262	ASH301 SHL3 Semi (Op)	92.96			17.16	17.69	2.98	16/03/2022	1,595.19	1,644.46
263	ASH301 SHL3 Semi (As)	92.96			17.21	17.73	2.95	16/03/2022	1,599.84	1,648.18
264	ASH301 SHL3 Semi (Op)	92.96			17.73	17.73	0.02	16/03/2022	1,648.18	1,648.18
265	ASH201 SHL2 Semi (Op)	79			18.06	18.72	3.53	16/03/2022	1,426.74	1,478.88
266	SH301 SHL3W Semi (Op)	93			16.68	17.38	4.01	16/03/2022	1,551.24	1,616.34
267	X308 Cypress Semi (As)	102.86			16.96	17.31	2.02	08/04/2022	1,744.51	1,780.51
268	X308 Cypress Semi (Op)	102.86			17.18	17.49	1.79	08/04/2022	1,767.13	1,799.02
269	X413 Chestnut Det (Op)	127.1	4.48	4497.92	-2.15	16.41	113.10	08/04/2022	-273.27	2,085.71
270	X309 Beech Semi (As)	105.36			15.78	16.42	3.90	16/11/2021	1,662.58	1,730.01
271	X309 Beech Semi (Op)	105.36			15.8	16.56	4.57	16/11/2021	1,664.69	1,744.76
272	X412 Juniper Det (As)	113.12			17.08	17.26	1.05	16/11/2021	1,932.09	1,952.45
273	X414 Aspen Det (Op)	127.3			16.63	16.85	1.33	16/11/2021	2,117.00	2,145.01
274	X414ab Aspen Det (As)	128.53			16.91	17.00	0.51	18/11/2021	2,173.44	2,185.01
275	X308 Cypress Semi (As)	102.86			16.71	17.21	2.91	13/04/2022	1,718.79	1,770.22
276	X308 Cypress Semi (Op)	102.86			16.59	17.03	2.60	13/04/2022	1,706.45	1,751.71
277	X412 Juniper Det (Op)	113.12	3.84	3774.72	-0.28	17.26	101.62	05/05/2022	-31.67	1,952.45
278	X414 Aspen Det (Op)	127.3	4.48	4453.12	-1.36	16.85	108.07	25/11/2021	-173.13	2,145.01
279	X414 Aspen Det (Op)	127.3	4.48	4524.80	-1.73	16.85	110.26	25/11/2021	-220.23	2,145.01
280	X518 Birch Det (Op)	167.64	4.48	4578.56	0.74	15.14	95.11	25/11/2021	124.05	2,538.07
281	X414 Aspen Det (Op)	127.3	4.48	4547.20	-1.97	16.66	111.82	25/11/2021	-250.78	2,120.82
282	X518 Birch Det (Op)	167.64	3.84	3816.96	3.11	15.17	79.50	25/11/2021	521.36	2,543.10
283	X414ab Aspen Det (As)	128.53			16.92	17.19	1.60	25/11/2021	2,174.73	2,209.43
284	X412 Juniper Det (As)	113.12			17.14	17.47	1.87	25/11/2021	1,938.88	1,976.21
285	X414ab Aspen Det (Op)	128.53			16.66	16.97	1.85	25/11/2021	2,141.31	2,181.15
286	X414 Aspen Det (Op)	127.3			16.64	16.87	1.35	05/05/2022	2,118.27	2,147.55
287	X414a Aspen Det (Op)	127.3			16.79	16.95	0.93	10/05/2022	2,137.37	2,157.74
288	X308 Cypress Semi (As)	102.86			17.11	17.49	2.19	10/05/2022	1,759.93	1,799.02
289	X308 Cypress Semi (Op)	102.86			16.83	17.31	2.78	10/05/2022	1,731.13	1,780.51
290	X412 Juniper Det (As)	113.12			17.08	17.42	1.93	26/05/2022	1,932.09	1,970.55
291	X413 Chestnut Det (Op)	127.1			16.23	16.41	1.09	01/06/2022	2,062.83	2,085.71
292	X414 Aspen Det (Op)	127.3	3.84	3732.48	1.51	16.80	91.01	01/06/2022	192.22	2,138.64
293	X414 Aspen Det (Op)	127.3	3.84	3732.48	1.4	16.80	91.67	01/06/2022	178.22	2,138.64
294	X414 Aspen Det (Op)	127.3			16.65	16.85	1.21	01/06/2022	2,119.55	2,145.01
295	X308 Cypress Semi (As)	102.86			16.83	17.21	2.22	01/06/2022	1,731.13	1,770.22
296	X308 Cypress Semi (Op)	102.86			16.64	17.03	2.30	30/06/2022	1,711.59	1,751.71
297	X414a Aspen Det (As)	127.3			16.49	16.78	1.73	03/08/2022	2,099.18	2,136.09
298	X414 Aspen Det (Op)	127.3			16.57	16.85	1.69	03/08/2022	2,109.36	2,145.01
299	X414ab Aspen Det (As)	128.53			16.99	17.19	1.19	23/08/2022	2,183.72	2,209.43
300	X309 Beech Semi (As)	105.36			16.62	16.78	0.95	23/08/2022	1,751.08	1,767.94
301	X309 Beech Semi (Op)	105.36			16.54	16.64	0.61	08/09/2022	1,742.65	1,753.19
302	X414a Aspen Det (Op)	127.3			16.90	17.05	0.90	23/09/2022	2,151.37	2,170.47
303	X307 Spruce Det (Op)	102.16			18.00	18.19	1.07	23/09/2022	1,838.88	1,858.29
304	ASH301 SHL3W End (Op)	93			16.87	17.55	3.87	18/10/2022	1,568.91	1,632.15
305	ASH301 SHL3 Mid (As)	92.96			15.76	16.69	5.58	18/10/2022	1,465.05	1,551.50
306	ASH301 SHL3 End (As)	92.96			17.13	17.67	3.06	18/10/2022	1,592.40	1,642.60
307	ASH201 SHL2 End (As)	79			18.04	18.72	3.64	18/10/2022	1,425.16	1,478.88
308	ASH201 SHL2 Mid (As)	79			16.64	17.54	5.15	18/10/2022	1,314.56	1,385.66
309	ASH201 SHL2 Mid (As)	79			16.60	17.54	5.38	18/10/2022	1,311.40	1,385.66
310	ASH301 SHL3W End (As)	93			17.32	18.01	3.81	18/10/2022	1,610.76	1,674.93
311	X308 Cypress Semi (As)	102.86			16.81	17.31	2.89	28/10/2022	1,729.08	1,780.51
312	X308 Cypress Semi (Op)	102.86			17.16	17.49	1.90	28/10/2022	1,765.08	1,799.02
313	X307c Spruce Det (Op)	103.38			17.85	17.98	0.75	25/10/2022	1,845.33	1,858.77
314	X309 Beech Semi (As)	105.36			16.44	16.56	0.74	25/10/2022	1,732.12	1,744.76
315	X309 Beech Semi (Op)	105.36			16.54	16.70	0.96	25/10/2022	1,742.65	1,759.51
316	X309 Beech Semi (As)	105.36			16.39	16.56	1.04	25/10/2022	1,726.85	1,744.76
317	X309 Beech Semi (Op)	105.36			16.57	16.70	0.78	28/09/2022	1,745.82	1,759.51
318	X307c Spruce Det (As)	103.38	3.84	3751.68	-0.30	18.53	101.62	08/04/2022	-31.01	1,915.63
319	X309 Beech Semi (As)	105.36			15.99	16.56	3.43	13/04/2022	1,684.71	1,744.76
320	X309 Beech Semi (Op)	105.36			15.91	16.42	3.11	13/04/2022	1,676.28	1,730.01
321	SH301 SHL3W Semi (Op)	93			17.36	18.01	3.59	07/07/2022	1,614.48	1,674.93
322	ASH201 SHL2 Semi (Op)	79			18.13	18.72	3.16	07/07/2022	1,432.27	1,478.88
323	ASH201 SHL2 End (As)	79			18.07	18.78	3.76	07/07/2022	1,427.53	1,483.62
324	ASH201 SHL2 Mid (As)	79			16.34	17.22	5.11	07/07/2022	1,290.86	1,360.38
325	ASH201 SHL2 Mid (As)	79			16.26	17.22	5.58	07/07/2022	1,284.54	1,360.38
326	ASH201 SHL2 End (Op)	79			17.85	18.45	3.24	07/07/2022	1,410.15	1,457.55
									99,733.81	123,765.40

Total TER (Building Regulations 2013) 123,765.40
Total DER (Building Regulations 2013) 99,733.81
CO2 Emissions Reduction 24,031.60
% Improvement over Building Regulations Part L 2013 **19.42%**

Plot	House Type	Total Floor Area	PV kWp	PV kWh (MCS)	Dwelling Emission Rate DER kgCO2/sqm/year	Target Emission Rate TER kgCO2/sqm/year	% Reduction	EPC Issue Date	DER x FA kgCO2/year	TER x FA kgCO2/year
327	SHL3W - Semi (Op)	93.02		416.90	13.93	17.04	18.27	18/11/2019	1,295.77	1,585.06
328	SHL2 - Semi (Op)	79		561.55	14.34	18.49	22.46	18/11/2019	1,132.86	1,460.71
329	SHL3 - End (As)	92.96		561.55	14.17	17.95	21.07	18/11/2019	1,317.24	1,668.63
330	SHL3 - Mid (As)	92.96		561.55	12.59	16.48	23.62	13/11/2019	1,170.37	1,531.98
331	SHL3 - Mid (Op)	92.96		561.55	12.63	16.48	23.37	13/11/2019	1,174.08	1,531.98
332	SHL3 - End (Op)	92.96		561.55	14.18	17.95	21.01	13/11/2019	1,318.17	1,668.63
333	SHL3W - End (Op)	93.02		476.30	13.93	17.70	21.29	02/10/2019	1,295.77	1,646.45
334	SHL2 - Mid (As)	79		445.50	12.99	17.29	24.85	02/10/2019	1,026.21	1,365.91
335	SHL2 - End (As)	79		445.50	14.69	18.44	20.32	02/10/2019	1,160.51	1,456.76
336	SHL2.5 - Semi (As)	110.2		481.80	12.89	16.30	20.94	02/10/2019	1,420.48	1,796.26
337	SHL2.5 - Semi (Op)	110.2		481.80	12.62	16.09	21.56	02/10/2019	1,390.72	1,773.12
338	SHL3 - Semi (Op)	92.96		486.75	15.3	18.30	16.40	02/10/2019	1,422.29	1,701.17
339	SHL3W - Semi (As)	93.02		465.85	13.37	16.91	20.95	02/10/2019	1,243.68	1,572.97
340	SHL2 - End (Op)	79		554.95	14.3	18.57	22.99	02/10/2019	1,129.70	1,467.03
341	SHL2 - Mid (Op)	79		554.95	12.38	17.20	28.00	02/10/2019	978.02	1,358.80
342	SHL2 - End (Op)	79		554.95	14.34	18.60	22.91	02/10/2019	1,132.86	1,469.40
343	2302 - Semi (As)	77.9		554.95	14.08	18.77	24.97	15/11/2019	1,096.83	1,462.18
344	2302 - Semi (Op)	77.9		554.95	14.07	18.77	25.02	15/11/2019	1,096.05	1,462.18
345	18A - Birch - Det (Op)	168.31		1021.90	12.58	15.82	20.50	13/01/2020	2,117.34	2,662.66
346	12 - Juniper - Det (As)	113.1		510.95	14.44	17.26	16.34	12/11/2019	1,633.16	1,952.11
347	14B - Aspen - Det (As)	128.52		766.43	14.09	17.30	18.57	12/11/2019	1,810.85	2,223.40
348	12 - Juniper - Det (Op)	113.1		481.80	14.97	17.45	14.20	15/11/2019	1,693.11	1,973.60
349	14 - Aspen - Det (Op)	127.3		690.53	14.61	17.18	14.94	06/01/2020	1,859.85	2,187.01
350	16B - Maple - Det (Op)	166.3		1122.00	12.68	15.97	20.62	06/01/2020	2,108.68	2,655.81
351	18 - Birch - Det (Op)	167.53		1124.20	12.25	15.42	20.56	07/02/2023	2,052.24	2,583.31
352	4 - Holly - End (As)	79.06		561.00	12.52	17.93	30.16	01/03/2023	989.83	1,417.55
353	4 - Holly - Mid (As)	79.06		561.00	10.65	16.52	35.54	01/03/2023	841.99	1,306.07
354	4 - Holly - End (As)	79.06		561.00	12.5	17.89	30.14	22/03/2023	988.25	1,414.38
355	8 - Cypress - Semi (As)	102.82		561.00	12.52	16.73	25.15	23/02/2023	1,287.31	1,720.18
356	7C - Spruce - Semi	103.18		415.25	13.31	16.87	21.09	23/02/2023	1,373.33	1,740.65
357	14A - Aspen - Det (As)	127.3		752.40	13.11	17.23	23.93	13/04/2023	1,668.90	2,193.38
358	16B-A - Maple - Det (As)	167.08		1093.40	12.91	16.03	19.45	13/04/2023	2,157.00	2,678.29
359	12 - Juniper - Det (Op)	113.1		560.45	13.73	17.16	20.00	13/04/2023	1,552.86	1,940.80
360	9 - Beech - Semi (As)	108.41		562.10	12.29	16.37	24.94	03/05/2023	1,332.36	1,774.67
361	9 - Beech - Semi (Op)	108.41		562.10	12.28	16.37	25.00	03/05/2023	1,331.27	1,774.67
362	14AB - Aspen - Det (As)	128.52		655.88	14.51	17.06	14.97	27/03/2023	1,864.83	2,192.55
363	14 - Juniper - Det (As)	127.3		655.88	14.74	17.18	14.19	04/04/2023	1,876.40	2,187.01
364	14 - Aspen - Det (As)	127.3		673.20	13.58	17.18	20.94	29/03/2023	1,728.73	2,187.01
365	18 - Birch - Det (As)	167.53		1124.20	12.37	15.41	19.71	02/05/2024	2,072.35	2,581.64
366	18 - Birch - Det (As)	167.53		1124.20	12.13	15.41	21.27	20/05/2024	2,032.14	2,581.64
367	18A - Birch - Det (As)	168.31		1124.2	12.51	15.82	20.94	20/05/2024	2,105.56	2,662.66
368	14 - Aspen - Det (Op)	127.3		673.2	13.94	17.18	18.84	20/05/2024	1,774.56	2,187.01
369	12 - Juniper - Det (Op)	113.1		655.88	14.53	17.20	15.50	20/05/2024	1,643.34	1,945.32
370	14AB - Aspen - Det (Op)	128.52		655.88	14.48	17.06	15.15	15/05/2024	1,860.97	2,192.55
371	8 - Cypress - Det (As)	102.82		559.9	14.39	18.27	21.25	18/01/2024	1,479.58	1,878.52
372	4 - Holly - Semi (As)	79.06		559.9	12.85	18.24	29.53	04/03/2024	1,015.92	1,442.05
373	4 - Holly - Semi (Op)	79.06		559.9	12.85	18.24	29.53	18/01/2024	1,015.92	1,442.05
374	14 - Aspen - Det (Op)	127.3		843.98	12.58	17.01	26.03	15/04/2024	1,601.43	2,165.37
375	18A - Birch - Det (Op)	168.31		1125.3	12.56	15.79	20.47	27/03/2024	2,113.97	2,657.61
376	18 - Birch - Det (As)	167.53		1093.13	13.70	15.70	12.73	23/11/2023	2,295.16	2,630.22
377	16B-A - Maple - Det (Op)	167.08		1093.13	14.14	16.23	12.86	14/11/2023	2,362.51	2,711.71
378	16B-A - Maple - Det (As)	167.08		1125.30	12.90	16.24	20.58	02/11/2023	2,155.33	2,713.38
379	12 - Juniper - Det (Op)	113.1		558.25	13.49	16.90	20.18	09/11/2023	1,525.72	1,911.39
380	8 - Cypress - Semi (As)	102.82		557.7	12.50	16.73	25.27	09/11/2023	1,285.25	1,720.18
381	8 - Cypress - Semi (Op)	102.82		557.7	12.51	16.73	25.21	02/11/2023	1,286.28	1,720.18
382	18A - Birch - Det (Op)	168.31		1093.13	14.07	15.82	11.08	02/11/2023	2,368.12	2,662.66
383	14 - Aspen - Det (As)	127.3		673.2	13.73	17.10	19.70	02/11/2023	1,747.83	2,176.83
384	16B-A - Maple - Det (Op)	167.08		1122	14.02	16.00	12.39	04/10/2023	2,342.46	2,673.28
385	18 - Birch - Det (Op)	167.53		1116.5	12.41	15.74	21.17	12/03/2024	2,079.05	2,636.92
386	20 - Lime - Det	191.46		1054.9	11.75	15.07	22.02	11/04/2024	2,249.66	2,885.30
387	18A - Birch - Det (Op)	168.31		1064.25	13.89	15.79	12.01	26/09/2023	2,337.83	2,657.61
388	12 - Juniper - Det (As)	113.1		673.2	14.29	17.27	17.27	19/10/2023	1,616.20	1,953.24
389	14A - Aspen - Det (Op)	127.3		673.2	14.84	17.23	13.89	26/09/2023	1,889.13	2,193.38
390	14AB - Aspen - Det (As)	128.52		673.20	15.04	17.36	13.36	30/06/2023	1,932.94	2,231.11
391	12 - Juniper - Det (Op)	113.1		471.35	14.41	17.20	16.20	05/07/2023	1,629.77	1,945.32
392	14 - Aspen - Det (Op)	127.3		707.03	13.74	17.18	20.01	21/07/2023	1,749.10	2,187.01
393	14A - Aspen - Det (Op)	127.3		673.2	14.57	17.07	14.63	22/09/2023	1,854.76	2,173.01
394	18A - Birch - Det (Op)	168.31		942.7	13.11	15.79	16.95	26/09/2023	2,206.54	2,657.61
395	12 - Juniper - Det (As)	113.1		471.35	14.56	17.27	15.70	12/09/2023	1,646.74	1,953.24
396	12 - Juniper - Det (As)	113.1		481.8	14.48	17.27	16.17	08/08/2023	1,637.69	1,953.24
397	14 - Aspen - Det (Op)	127.3		722.7	13.60	17.10	20.46	12/07/2023	1,731.28	2,176.83
398	7A - Spruce - Det (As)	103.18		644.33	15.62	18.66	16.28	27/06/2023	1,611.67	1,925.34
399	16B-A - Maple - Det (As)	167.08		1003.20	12.95	16.33	20.67	19/05/2023	2,163.69	2,728.42
400	14 - Aspen - Det (Op)	127.3		752.4	12.83	17.02	24.64	19/05/2023	1,633.26	2,166.65
401	14 - Aspen - Det (Op)	127.3		752.4	12.98	17.02	23.76	19/05/2023	1,652.35	2,166.65
402	16B-A - Maple - Det (Op)	167.08		1003.2	13.12	16.17	18.84	26/05/2023	2,192.09	2,701.68
									123,968.07	154,693.17

Total TER (Building Regulations 2013)	154,693.17
Total DER (Building Regulations 2013)	123,968.07
CO2 Emissions Reduction	30,725.10
% Improvement over Building Regulations Part L 2013	19.86%

Plot	House Type	Total Floor Area	PV kWh	Attributed kWh per flat (floor area weighted)	Dwelling Emission Rate DER kgCO2/sqm/year	Target Emission Rate TER kgCO2/sqm/year	% Reduction	EPC Issue Date	DER x FA kgCO2/year	TER x FA kgCO2/year
1001	1BF - Semi	50.62	9110.2	796.3	16.87	25.05	32.65	14/04/2025	853.96	1,267.91
1002	2BF1A - Semi	68.83		1082.8	13.95	22.64	38.38	14/04/2025	960.18	1,558.19
1003	2BF1B - End	70.34		1106.5	13.42	22.41	40.13	14/04/2025	943.96	1,576.58
1004	2BF1C - Mid	73.32		1153.4	13.42	22.14	39.38	14/04/2025	983.95	1,623.22
1005	2BF2 - Mid	74.34		1169.4	14.39	23.07	37.63	14/04/2025	1,069.75	1,715.24
1006	2BF3 - Mid	70.10		1102.7	10.69	20.83	48.69	14/04/2025	749.37	1,460.51
1007	2BF1B - End	70.34		1106.5	11.89	21.07	43.56	14/04/2025	836.34	1,481.85
1008	1BF - Semi	50.62		796.3	15.01	24.34	38.33	14/04/2025	759.81	1,231.98
1009	1BF - Semi	50.62		796.3	14.34	23.53	39.07	14/04/2025	725.89	1,191.34
1010	305 - Semi - Op	91.67			18.52	18.66	0.76	19/09/2024	1,697.73	1,710.80
1011	304 - Semi	92.32			17.45	17.76	1.72	19/09/2024	1,610.98	1,639.26
1012	2BFOG.01 - Det	70.05			23.04	25.01	7.89	19/09/2024	1,613.95	1,752.15
1013	350 - Semi	109.11			16.70	17.00	1.78	19/09/2024	1,822.14	1,855.22
1014	350 - Semi	109.11			16.70	16.93	1.35	19/09/2024	1,822.14	1,847.05
1015	308 - End	116.73			16.21	16.22	0.08	18/09/2024	1,892.19	1,893.62
1016	308 - Mid	116.73			14.43	14.80	2.48	18/09/2024	1,684.41	1,727.21
1017	308 - End	116.73			16.21	16.22	0.08	18/09/2024	1,892.19	1,893.62
1018	350 - Semi	109.11			16.84	16.93	0.52	18/09/2024	1,837.41	1,847.05
1019	350 - Semi	109.11			16.70	16.81	0.64	18/09/2024	1,822.14	1,833.87
1020	309 - Det	92.55			18.11	18.13	0.11	21/08/2024	1,676.08	1,677.96
1021	2303 - Semi	77.72			18.10	18.31	1.15	21/08/2024	1,406.73	1,423.17
1022	2303 - Semi	77.72			18.10	18.31	1.15	21/08/2024	1,406.73	1,423.17
1023	305 - Det - As	91.67			18.37	18.38	0.04	21/08/2024	1,683.98	1,684.72
1024	305 - Det - Op	91.67			18.96	18.97	0.06	21/08/2024	1,738.06	1,739.04
1025	2303 - End	77.72			17.79	18.01	1.23	21/08/2024	1,382.64	1,399.89
1026	2303 - Mid	77.72			16.01	16.62	3.69	21/08/2024	1,244.30	1,291.99
1027	2303 - End	77.72			17.81	18.04	1.29	29/08/2024	1,384.19	1,402.29
1028	2B4P-A - Semi	71.37	3051.8	513.9	15.55	19.34	19.58	05/09/2024	1,109.80	1,380.06
1029	2B4P-B - Semi	70.04		504.3	15.96	19.32	17.38	05/09/2024	1,117.84	1,352.95
1030	2B4P-C - Det	70.51		507.7	16.47	20.05	17.85	05/09/2024	1,161.30	1,413.66
1031	2B4P-A - Semi	71.37		513.9	13.53	18.64	27.40	05/09/2024	965.64	1,329.99
1032	2B4P-D - Semi	70.04		504.3	13.98	18.71	25.27	05/09/2024	979.16	1,310.29
1033	2B4P-E - Det	70.51		507.7	14.39	19.11	24.68	05/09/2024	1,014.64	1,347.11
1034	305 - Semi - Op	91.67			16.75	16.99	1.43	29/04/2024	1,535.47	1,557.71
1035	2303 - Mid	77.72			17.53	18.10	3.14	29/04/2024	1,362.43	1,406.59
1036	2BFOG.02 - End	70.05			23.33	23.47	0.60	13/05/2024	1,634.27	1,644.12
1037	2303 - End	77.72			18.04	18.34	1.61	26/03/2024	1,402.07	1,425.07
1038	2303 - Mid	77.72			16.15	16.92	4.55	26/03/2024	1,255.18	1,315.03
1039	2303 - End	77.72			18.07	18.31	1.32	26/03/2024	1,404.40	1,423.17
1040	305 - Det - As	91.67			18.33	18.38	0.26	02/05/2024	1,680.31	1,684.72
1041	2B4P-A - Det	70.54	9494.4	1588.4	9.11	20.70	55.98	26/06/2024	642.62	1,459.85
1042	2B4P-B - Det	70.18		1580.3	8.92	20.41	56.29	26/06/2024	626.01	1,432.04
1043	2B4P-C - Det	70.10		1578.5	8.87	20.44	56.60	26/06/2024	621.79	1,432.70
1044	2B4P-A - Det	70.54		1588.4	6.11	18.70	67.33	26/06/2024	431.00	1,319.22
1045	2B4P-B - Det	70.18		1580.3	6.01	18.40	67.34	26/06/2024	421.78	1,291.31
1046	2B4P-C - Det	70.10		1578.5	5.50	18.48	70.23	26/06/2024	385.55	1,295.11
1047	2B4P-A - Semi	70.67	3390.9	377.8	16.61	19.03	12.73	27/08/2024	1,173.83	1,345.05
1048	2B4P-A - Semi	70.67		377.8	15.90	18.79	15.38	27/08/2024	1,123.65	1,327.84
1049	2B4P-B - Det	70.07		374.6	17.56	20.13	12.77	27/08/2024	1,230.43	1,410.61
1050	2B4P-C - Semi	70.67		377.8	13.15	16.74	21.46	27/08/2024	929.31	1,183.28
1051	2B4P-C - Semi	70.67		377.8	12.85	16.61	22.62	27/08/2024	908.11	1,173.62
1052	2B4P-D - Det	70.07		374.6	14.34	17.91	19.92	27/08/2024	1,004.80	1,254.78
1053	2B4P-C - Semi	70.67		377.8	14.58	18.61	21.64	27/08/2024	1,030.37	1,314.85
1054	2B4P-C - Semi	70.67		377.8	14.05	18.18	22.71	27/08/2024	992.91	1,284.63
1055	2B4P-D - Det	70.07		374.6	15.32	19.11	19.82	27/08/2024	1,073.47	1,338.82
1056	2B4P-A - Det	69.90		598.0	15.57	19.58	20.49	10/06/2024	1,088.34	1,368.79
1057	2B4P-A - Det	69.90	3588.0	598.0	15.57	19.71	21.02	10/06/2024	1,088.34	1,377.92
1058	2B4P-B - Det	69.90		598.0	12.42	17.51	29.08	10/06/2024	868.16	1,224.11
1059	2B4P-B - Det	69.90		598.0	12.41	17.51	29.14	10/06/2024	867.46	1,224.11
1060	2B4P-B - Det	69.90		598.0	13.58	18.93	28.26	10/06/2024	949.24	1,323.16
1061	2B4P-B - Det	69.90		598.0	13.52	18.84	28.23	10/06/2024	945.05	1,316.72
1062	2B4P-A - Det	70.30	3209.4	534.9	16.06	19.78	18.79	19/02/2024	1,129.02	1,390.33
1063	2B4P-B - Det	70.30		534.9	15.84	19.69	19.57	19/02/2024	1,113.55	1,384.51
1064	2B4P-A - Det	70.30		534.9	12.72	17.40	26.89	19/02/2024	894.22	1,223.03
1065	2B4P-B - Det	70.30		534.9	12.27	17.20	28.68	19/02/2024	862.58	1,209.44
1066	2B4P-A - Det	70.30		534.9	13.79	18.98	27.34	19/02/2024	969.44	1,334.22
1067	2B4P-B - Det	70.30		534.9	13.51	18.53	27.08	19/02/2024	949.75	1,302.45
									78,444.51	97,281.87

Total TER (Building Regulations 2013) 97,281.87
Total DER (Building Regulations 2013) 78,444.51
CO2 Emissions Reduction 18,837.36
% Improvement over Building Regulations Part L 2013 **19.36%**