PRICE & MYERS

Embodied Carbon Building Database

Release Notes (11th February 2022)

The following dataset has been collected from Price & Myers projects, representing real designs from 275 individual buildings. We are releasing this publically as part of our commitment to the Climate and Biodiversity Emergency Declaration, with the intention of helping set realistic goals and aims based on real-life data. Please feel to use this as needed, and let us know how it has helped you! (We only ask of course that you reference the source of the data appropriately).

-All data is collected as accurately as possible, using BIM models supplemented by other calculations. Whilst every effort has been made to check for errors, it is still probably that some are still present.
-Totals represent material within our scope as structural designers only - no allowance is made for Architectural finishes, non-loadbearing or secondary elements or external works.
-All carbon calculations are carried out in accordance with the IStructE **'How to Calculate Embodied Carbon'** guidance document, published August 2020.
-All carbon factors are taken from the **ICE database** (version 3.0), unless noted otherwise below.
-Reinforcement totals are collected using tendering estimates for all projects up to Stage 5 level of design. Any project marked as 'As-Built' should include actual reinforcement totals from schedules.
-All concrete mixes for projects at Stage 5 or below are calculated using the '**ICE Embodied Carbon Model of Cement, Mortar and Concrete', version 1.1**. We have taken a 25% GGBS figure across all these mixes, but have increased the cement content based on a study of real-life mix data across hundreds of our projects.

For any other questions, comments or feedback, please email Ben Gholam **bgholam@pricemyers.com**

https://www.pricemyers.com/climate-action

PRICE&
MYERS

Project Ref	Calculation Design Stage	UK District	GIFA (m2)	Project Value (£m)	Value Type	Project Sector	Construction Type	Storeys (#)	Passivhaus?	Basement Type	Foundation Type	Ground Floor Type	Superstructure Type	Cladding Type
1	Stage 4	OX4	5642	15	Whole Building	Residential (Multi)	New Build (Greenfield)	2	No	None	Mass Pads/Strips	Suspended Precast	Masonry/Timber	Masonry Only
2	Stage 3	BR3	31592	77	Whole Building	Residential (Multi)	New Build (Brownfield)	7	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only
3	As-Built	TW3	9862	24	Whole Building	Educational	New Build (Brownfield)	3	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only
4	Stage 3	BR1	17240	40	Whole Building	Residential (Multi)	New Build (Brownfield)	8	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
5	Stage 3	N15	2290	2	Whole Building	Residential (Multi)	New Build (Greenfield)	3	No	None	Mass Pads/Strips	Suspended Precast	Masonry/Timber	Masonry Only
6	Stage 3	BS16	1330	2.5	Whole Building	Residential (Multi)	New Build (Brownfield)	3	No	None	Mass Pads/Strips	Suspended Precast	Masonry/Timber	Masonry Only
7	As-Built	IP31	1050	4.2	Whole Building	Cultural/Public	New Build (Greenfield)	1	No	None	Mass Pads/Strips	Ground Bearing RC	Masonry/Timber	Masonry Only
8	Stage 5	SK17	876	1.5	Whole Building	Commercial	Mixed New Build/Refurb	3	No	Partial Footprint	Mass Pads/Strips	Suspended RC	Steel Frame/Precast	Masonry Only
9	As-Built	W7	1400	4.5	Whole Building	Residential (Multi)	New Build (Brownfield)	3	No	None	Piled Ground Beams	Suspended RC	Masonry/Concrete	Masonry Only
10	As-Built	SN8	1534	9	Whole Building	Residential (Single)	New Build (Greenfield)	2	No	Partial Footprint	Raft	Suspended RC	Masonry/Concrete	Masonry/Stone
11	Stage 2	W6	1700	3	Whole Building	Residential (Multi)	New Build (Brownfield)	4	No	Full Footprint	Raft	Suspended RC	Masonry/Concrete	Masonry Only
12	As-Built	OX12	1975	12.3	Whole Building	Residential (Single)	Mixed New Build/Refurb	3	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only
13	Stage 4	CB2	300	3	Whole Building	Educational	New Build (Brownfield)	3	No	None	Piled Ground Beams	Suspended RC	Masonry/Timber	Masonry Only
14	As-Built	SL6	648	6	Whole Building	Residential (Single)	New Build (Brownfield)	2	No	None	Piled Ground Beams	Suspended Precast	Masonry/Timber	Masonry/Stone
15	Stage 5	E14	14029	55	Whole Building	Residential (Multi)	New Build (Brownfield)	24	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
16	As-Built	W1	7922	40	Whole Building	Commercial	New Build (Brownfield)	7	No	Full Footprint	Raft	Suspended RC	Concrete (In-Situ)	Masonry/Stone
17	Stage 4	IG7	3400	20	Whole Building	Educational	New Build (Brownfield)	1	No	None	Reinforced Pads/Strips	Suspended RC	Other	Masonry Only
18	Stage 5	NW3	1024	2.5	Whole Building	Residential (Single)	New Build (Brownfield)	4	No	Full Footprint	Raft	Suspended RC	Masonry/Concrete	Masonry Only
19	As-Built	OX1	2400	7.3	Whole Building	Educational	New Build (Greenfield)	3	No	None	Piled Ground Beams	Suspended RC	Masonry/Concrete	Masonry/SFS
20	Stage 2	W8	3381	55	Whole Building	Residential (Single)	Full Refurb	5	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Masonry/Timber	Masonry/Stone
21	Stage 3	SE5	2450	6.5	Whole Building	Residential (Multi)	New Build (Brownfield)	4	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
22	As-Built	CB3	398	0.7	Whole Building	Residential (Multi)	New Build (Greenfield)	3	No	None	Piled Ground Beams	Other	Other	Masonry Only
23	Stage 2	TW13	678	1.4	Whole Building	Residential (Multi)	New Build (Brownfield)	2	No	None	Mass Pads/Strips	Other	Masonry/Timber	Masonry Only
24	As-Built	SW19	950	3.1	Whole Building	Residential (Multi)	New Build (Brownfield)	3	No	None	Piled Ground Beams	Suspended RC	Masonry/Timber	Masonry Only
25	Stage 5	OX1	904	7	Whole Building	Educational	New Build (Greenfield)	1	No	None	Piled Ground Beams	Suspended Precast	Steel Frame/Other	Masonry/Stone
26	As-Built	NW8	1154	5	Whole Building	Residential (Single)	New Build (Brownfield)	4	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only
27	Stage 4	TN31	1200	7	Whole Building	Cultural/Public	Mixed New Build/Refurb	2	No	None	Piles (Pile Caps)	Ground Bearing RC	Masonry/Timber	Masonry Only
28	As-Built	NW2	544	2	Whole Building	Residential (Multi)	New Build (Brownfield)	3	No	None	Piled Ground Beams	Suspended Precast	Masonry/Timber	Masonry Only
29	Stage 5	OX3	662	4	Whole Building	Residential (Single)	New Build (Brownfield)	2	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Masonry/Timber	Other
30	As-Built	KT4	517	5.3	Whole Building	Residential (Multi)	New Build (Greenfield)	3	No	None	Mass Pads/Strips	Suspended Precast	Masonry/Concrete	Masonry Only
31	Stage 2	TW13	421	0.8	Whole Building	Residential (Multi)	New Build (Brownfield)	2	No	None	Mass Pads/Strips	Other	Masonry/Timber	Masonry Only
32	Stage 4	CB22	579	1.8	Whole Building	Residential (Single)	New Build (Brownfield)	1	No	None	Mass Pads/Strips	Ground Bearing RC	Masonry/Timber	Masonry Only
33	Stage 4	W6	325	2	Whole Building	Residential (Multi)	New Build (Greenfield)	4	No	Partial Footprint	Reinforced Pads/Strips	Timber	Steel Frame/Timber	Masonry Only
34	As-Built	SW3	867	6	Whole Building	Residential (Single)	New Build (Greenfield)	4	No	Full Footprint	Raft	Suspended RC	Steel Frame/Other	Masonry Only
35	Stage 5	CB3	590	4	Whole Building	Residential (Single)	New Build (Brownfield)	1	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Steel Frame/Timber	Masonry Only
36	Stage 3	CM6	209	0.4	Whole Building	Residential (Single)	New Build (Brownfield)	2	No	None	Piled Ground Beams	Other	Masonry/Timber	Masonry Only
37	Stage 3	SE17	1400	3	Whole Building	Mixed Use	New Build (Greenfield)	4	No	None	Piles (Pile Caps)	Ground Bearing RC	Concrete (In-Situ)	Masonry Only
38	Stage 5	W3	360	0.9	Whole Building	Residential (Single)	New Build (Brownfield)	3	No	None	Piled Ground Beams	Suspended Precast	Masonry/Concrete	Masonry Only
39	Stage 2	TW13	305	0.6	Whole Building	Residential (Single)	New Build (Brownfield)	3	No	None	Reinforced Pads/Strips	Other	Masonry/Concrete	Masonry Only
40	As-Built	SL6	1100	2.4	Whole Building	Healthcare	New Build (Greenfield)	2	No	None	Piles (Pile Caps)	Suspended RC	Steel Frame/Timber	Masonry/SFS
41	Stage 2	TW13	227	0.7	Whole Building	Residential (Single)	New Build (Brownfield)	2	No	None	Reinforced Pads/Strips	Other	Masonry/Concrete	Masonry Only
42	Stage 2	TW13	222	0.6	Whole Building	Residential (Single)	New Build (Brownfield)	2	No	None	Mass Pads/Strips	Other	Concrete (Precast)	Masonry Only
43	Stage 4	OX3	353	1.4	Whole Building	Cultural/Public	Mixed New Build/Refurb	1	No	None	Reinforced Pads/Strips	Suspended Precast	Steel Frame/Timber	Masonry Only
44	Stage 5	SE16	7284	8.5	Whole Building	Residential (Multi)	New Build (Brownfield)	6	No	None	Mass Pads/Strips	Ground Bearing RC	Concrete (In-Situ)	Masonry/SFS
45	Stage 4	PE29	5163	15	Whole Building	Healthcare	New Build (Brownfield)	2	No	None	Reinforced Pads/Strips	Ground Bearing RC	Concrete (In-Situ)	Lightweight Only
46	Stage 2	TW13	187	0.6	Whole Building	Residential (Single)	New Build (Brownfield)	2	No	None	Reinforced Pads/Strips	Other	Masonry/Concrete	Masonry Only
47	Stage 4	MK17	431	0.5	Whole Building	Residential (Single)	New Build (Greenfield)	2	No	None	Mass Pads/Strips	Suspended Precast	Steel Frame/Timber	Other
48	As-Built	WD6	1900	6.3	Whole Building	Educational	New Build (Brownfield)	4	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
49	Stage 3	IP13	291	0.6	Whole Building	Residential (Single)	New Build (Brownfield)	1	No	None	Piled Ground Beams	Suspended Precast	Other	Masonry/SFS
50	Stage 3	NW6	4117	7	Structure Only	Residential (Multi)	New Build (Brownfield)	11	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
51	Stage 4	SW10	230	1.75	Whole Building	Residential (Single)	New Build (Brownfield)	5	No	Full Footprint	Raft	Suspended RC	Steel Frame/Composite	Masonry Only
52	Stage 2	TW13	128	0.3	Whole Building	Residential (Single)	New Build (Brownfield)	2	No	None	Mass Pads/Strips	Other	Masonry/Timber	Masonry Only
53	As-Built	KT24	3499	6	Whole Building	Cultural/Public	New Build (Greenfield)	6	No	Partial Footprint	Piled Ground Beams	Suspended Precast	Steel Frame/Precast	Masonry Only
54	As-Built	SM6	220	0.8	Whole Building	Educational	New Build (Brownfield)	1	No	None	Piled Ground Beams	Suspended RC	Masonry/Timber	Masonry Only
55	Stage 4	OX7	1153	2.4	Whole Building	Residential (Multi)	Mixed New Build/Refurb	2	No	None	Mass Pads/Strips	Ground Bearing RC	Masonry/Timber	Masonry/Stone
56	As-Built	LN1	1163	1.8	Whole Building	Industrial	New Build (Brownfield)	1	No	None	Mass Pads/Strips	Ground Bearing RC	Concrete (Precast)	Lightweight/SFS
57	Stage 5	CT2	8118	26	Whole Building	Educational	New Build (Brownfield)	4	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Lightweight Only
58	As-Built	OX12	456	0.5	Whole Building	Residential (Single)	Mixed New Build/Refurb	2	No	None	Raft	Raft	Masonry/Timber	Masonry Only
59	Stage 5	RH10	1250	4.3	Whole Building	Educational	New Build (Brownfield)	3	No	Partial Footprint	Reinforced Pads/Strips	Suspended Precast	Timber Frame (Glulam/CLT)	Lightweight/SFS
60	Stage 4	N16	476	1	Whole Building	Residential (Single)	New Build (Brownfield)	4	No	Full Footprint	Raft	Other	Steel Frame/Timber	Masonry Only
61	As-Built	N5	7970	23	Whole Building	Educational	Mixed New Build/Refurb	5	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Steel Frame/Composite	Lightweight/SFS
62	Stage 2	TN34	450	1	Whole Building	Commercial	Mixed New Build/Refurb	2	No	Partial Footprint	Other	Other	Steel Frame/Timber	Lightweight/SFS
63	Stage 4	N3	1143	8.5	Whole Building	Residential (Single)	Mixed New Build/Refurb	3	No	Partial Footprint	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Timber	Masonry Only
64	As-Built	EX23	220	0.4	Whole Building	Residential (Single)	New Build (Greenfield)	1	No	None	Mass Pads/Strips	Ground Bearing RC	Masonry/Timber	Masonry Only
65	Stage 5	SE24	108	1.4	Whole Building	Residential (Single)	New Build (Brownfield)	3	No	None	Mass Pads/Strips	Suspended RC	Masonry/Timber	Other
66	Stage 5	HA8	126	0.7	Whole Building	Educational	New Build (Brownfield)	2	No	None	Piled Ground Beams	Suspended RC	Masonry/Timber	Masonry Only
67	Stage 5	W6	127	0.3	Whole Building	Educational	New Build (Brownfield)	1	No	None	Mass Pads/Strips	Ground Bearing RC	Masonry/Timber	Masonry Only
68	Stage 4	RG8	300	0.9	Whole Building	Residential (Single)	Mixed New Build/Refurb	2	No	None	Piled Ground Beams	Suspended RC	Steel Frame/Timber	Masonry Only
69	Stage 5	W6	61	0.3	Whole Building	Residential (Single)	New Build (Greenfield)	3	No	Partial Footprint	Reinforced Pads/Strips	Suspended RC	Steel Frame/Timber	Masonry Only
70	Stage 3	SW10	427	1.2	Whole Building	Residential (Single)	Mixed New Build/Refurb	3	No	Full Footprint	Raft	Ground Bearing RC	Steel Frame/Composite	Masonry Only
71	As-Built	NG8	1643	1.8	Whole Building	Commercial	New Build (Brownfield)	3	No	None	Piled Ground Beams	Suspended RC	Steel Frame/Composite	Masonry/SFS
72	Stage 3	CB2	1620	4.1	Whole Building	Educational	New Build (Brownfield)	6	No	Partial Footprint	Mass Pads/Strips	Suspended RC	Timber Frame (Glulam/CLT)	Masonry Only
73	Stage 3	SS14	5760	25	Whole Building	Mixed Use	New Build (Brownfield)	11	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Precast/GRC
74	Stage 3	LL65	455	3	Whole Building	Cultural/Public	New Build (Greenfield)	1	No	None	Mass Pads/Strips	Suspended RC	Timber Frame (Glulam/CLT)	Precast/GRC
75	Stage 3	TW20	1433	3	Whole Building	Residential (Multi)	New Build (Brownfield)	4	No	None	Mass Pads/Strips	Suspended RC	Concrete (In-Situ)	Masonry/SFS
76	As-Built	LE16	2368	6.6	Whole Building	Commercial	New Build (Brownfield)	4	No	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Precast	Masonry/SFS
77	Stage 5	SE18	189	0.4	Whole Building	Cultural/Public	New Build (Brownfield)	1	No	None	Other	Timber	Timber Frame (Softwood)	Lightweight Only
78	Stage 5	OX17	75	1	Whole Building	Commercial	New Build (Brownfield)	1	No	None	Mass Pads/Strips	Ground Bearing RC	Other	Stone
79	Stage 5	NG2	191	0.4	Whole Building	Residential (Single)	New Build (Brownfield)	3	No	None	Reinforced Pads/Strips	Ground Bearing RC	Steel Frame/Timber	Timber Only
80	Stage 4	SW3	527	1.5	Whole Building	Residential (Single)	Full Refurb	4	No	Full Footprint	Raft	Suspended RC	Steel Frame/Timber	Masonry Only
81	Stage 5	WC1	374	1	Whole Building	Commercial	Mixed New Build/Refurb	3	No	Partial Footprint	Mass Pads/Strips	Other	Steel Frame/Composite	Other
82	Stage 4	E1	2490	6	Whole Building	Commercial	New Build (Greenfield)	12	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only
83	Stage 5	HA8	1624	7.7	Whole Building	Educational	New Build (Brownfield)	2	No	None	Piled Ground Beams	Suspended RC	Other	Masonry/SFS
84	Stage 5	CV1	621	2.1	Whole Building	Cultural/Public	Mixed New Build/Refurb	2	No	None	Piled Ground Beams	Ground Bearing RC	Steel Frame/Timber	Other
85	As-Built	IG11	8748	18	Whole Building	Residential (Multi)	New Build (Brownfield)	7	No	Partial Footprint	Piled Ground Beams	Suspended RC	Concrete (In-Situ)	Masonry Only
86	Stage 4	E1	300	2	Whole Building	Commercial	New Build (Greenfield)	2	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Other
87	As-Built	CB1	5620	23	Whole Building	Cultural/Public	New Build (Brownfield)	2	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Timber Frame (Glulam/CLT)	Other
88	As-Built	W2	414	2	Whole Building	Residential (Single)	Mixed New Build/Refurb	6	No	Full Footprint	Raft	Other	Other	Masonry Only
89	As-Built	G84	1582	4.5	Whole Building	Cultural/Public	Full Refurb	1	No	None	Reinforced Pads/Strips	Other	Steel Frame/Other	Lightweight Only
90	Stage 4	NG1	310	0.5	Whole Building	Educational	Mixed New Build/Refurb	3	No	None	Mass Pads/Strips	Suspended RC	Timber Frame (Glulam/CLT)	Masonry Only
91	Stage 5	TN17	147	2	Whole Building	Residential (Single)	New Build (Greenfield)	1	No	None	Other	Suspended RC	Steel Frame/Other	Glazed/Curtain Wall
92	Stage 5	DE55	767	1	Whole Building	Residential (Single)	New Build (Greenfield)	4	No	Full Footprint	Reinforced Pads/Strips	Ground Bearing RC	Steel Frame/Other	Lightweight Only
93	Stage 5	N6	120	0.4	Whole Building	Residential (Single)	Full Refurb	4	No	Partial Footprint	Other	Timber	Steel Frame/Timber	Masonry Only
94	As-Built	MK18	1311	3.3	Whole Building	Educational	Mixed New Build/Refurb	2	No	None	Mass Pads/Strips	Suspended RC	Steel Frame/Composite	Glazed/Curtain Wall
95	Stage 3	CB2	800	2	Whole Building	Educational	Mixed New Build/Refurb	4	No	None	Mass Pads/Strips	Suspended RC	Other	Masonry Only
96	As-Built	HP4	340	1.1	Whole Building	Residential (Single)	New Build (Brownfield)	2	No	Partial Footprint	Mass Pads/Strips	Suspended RC	Concrete (In-Situ)	Other
97	Stage 5	LE1	686	5	Whole Building	Cultural/Public	Mixed New Build/Refurb	4	Yes	Partial Footprint	Other	Suspended RC	Concrete (In-Situ)	Stone
98	As-Built	SE22	4631	17	Whole Building	Healthcare	New Build (Brownfield)	3	No	None	Piled Ground Beams	Suspended RC	Concrete (In-Situ)	Masonry/SFS
99	As-Built	WD4	234	1	Whole Building	Residential (Single)	New Build (Brownfield)	2	No	None	Piles (Pile Caps)	Suspended RC	Timber Frame (Glulam/CLT)	Other
100	As-Built	SE5	11939	4	Structure Only	Mixed Use	New Build (Brownfield)	10	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Stone
101	Stage 5	SW10	4640	10	Whole Building	Residential (Multi)	New Build (Brownfield)	7	No	None	Mass Pads/Strips	Suspended RC	Timber Frame (Glulam/CLT)	Lightweight Only
102	As-Built	SW19	742	3.7	Whole Building	Cultural/Public	Mixed New Build/Refurb	2	No	None	Reinforced Pads/Strips	Ground Bearing RC	Steel Frame/Precast	Masonry/SFS
103	As-Built	OX1	4180	18	Whole Building	Educational	New Build (Greenfield)	5	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	SFS/Stone
104	Stage 4	SE10	15145	15	Whole Building	Residential (Multi)	New Build (Brownfield)	10	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
105	As-Built	UB2	4500	8	Whole Building	Residential (Multi)	New Build (Brownfield)	6	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
106	As-Built	UB2	3900	8	Whole Building	Residential (Multi)	New Build (Brownfield)	6	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
107	As-Built	OX4	1724	5	Whole Building	Educational	New Build (Brownfield)	2	No	None	Piled Ground Beams	Suspended RC	Steel Frame/Composite	Masonry/SFS
108	As-Built	SE10	2772	21	Whole Building	Commercial	New Build (Brownfield)	3	No	None	Piles (Pile Caps)	Suspended RC	Steel Frame/Composite	Glazed/Curtain Wall
109	As-Built	W5	1555	5	Whole Building	Educational	New Build (Brownfield)	4	Yes	Partial Footprint	Piled Ground Beams	Suspended RC	Timber Frame (Glulam/CLT)	Masonry Only
110	As-Built	DT9	1874	11	Whole Building	Educational	New Build (Brownfield)	2	No	None	Mass Pads/Strips	Ground Bearing RC	Timber Frame (Glulam/CLT)	Masonry Only
111	As-Built	NW3	2349	11	Whole Building	Educational	New Build (Brownfield)	9	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
112	As-Built	SE25	7755	20	Whole Building	Educational	Mixed New Build/Refurb	3	No	None	Piled Ground Beams	Suspended RC	Steel Frame/Precast	Masonry/SFS
113	As-Built	SE25	2100	8.5	Whole Building	Educational	New Build (Brownfield)	1	No	None	Piles (Pile Caps)	Suspended RC	Steel Frame/Other	Masonry Only
114	As-Built	NG7	15985	29	Whole Building	Educational	New Build (Brownfield)	2	No	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Composite	Masonry/SFS
115	As-Built	SE5	5705	5	Whole Building	Residential (Multi)	New Build (Brownfield)	4	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
116	Stage 5	NW6	3460	15	Whole Building	Educational	New Build (Brownfield)	2	No	None	Piled Ground Beams	Suspended RC	Timber Frame (Glulam/CLT)	Masonry Only
117	Stage 5	E3	11500	27	Whole Building	Mixed Use	New Build (Brownfield)	8	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
118	Stage 5	E3	9483	27	Whole Building	Mixed Use	New Build (Brownfield)	10	No	None	Piles (Pile Caps)	Ground Bearing RC	Concrete (In-Situ)	Other
119	As-Built	HA9	31774	90	Whole Building	Residential (Multi)	New Build (Brownfield)	19	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	SFS/Stone
120	Stage 5	E2	2276	7	Whole Building	Mixed Use	New Build (Brownfield)	7	No	Full Footprint	Raft	Raft	Other	Masonry/Stone
121	Stage 5	SE18	11736	36	Whole Building	Educational	New Build (Brownfield)	4	No	None	Piles (Pile Caps)	Suspended RC	Steel Frame/Composite	Masonry/SFS
122	Stage 3	CB1	4115	12	Whole Building	Educational	New Build (Brownfield)	4	No	None	Piled Ground Beams	Suspended RC	Other	Other
123	As-Built	W1	1712	8	Whole Building	Commercial	New Build (Brownfield)	6	No	Full Footprint	Piled Ground Beams	Suspended RC	Concrete (In-Situ)	SFS/Stone
124	As-Built	HA9	37115	100	Whole Building	Residential (Multi)	New Build (Brownfield)	17	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
125	As-Built	OX2	2139	7.7	Whole Building	Educational	New Build (Brownfield)	3	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/Stone
126	As-Built	OX2	1730	11.9	Whole Building	Educational	New Build (Brownfield)	5	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/Stone
127	Stage 4	SW7	1074	30	Whole Building	Residential (Single)	New Build (Greenfield)	4	No	Full Footprint	Piles (Pile Caps)	Ground Bearing RC	Concrete (In-Situ)	Masonry/SFS
128	As-Built	MK18	1360	3.8	Whole Building	Educational	New Build (Brownfield)	3	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Other
129	As-Built	MK18	862	4.5	Whole Building	Educational	New Build (Brownfield)	3	No	None	Piled Ground Beams	Suspended RC	Masonry/Concrete	Masonry/Stone
130	As-Built	W1	2120	10	Whole Building	Commercial	New Build (Brownfield)	8	No	Full Footprint	Raft	Other	Steel Frame/Composite	Masonry/Stone
131	Stage 5	N2	10108	38	Whole Building	Residential (Multi)	New Build (Brownfield)	4	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
132	As-Built	SE26	1290	5	Whole Building	Healthcare	New Build (Brownfield)	3	No	None	Piled Ground Beams	Suspended RC	Steel Frame/Precast	Masonry/SFS
133	As-Built	E3	1513	10	Whole Building	Educational	New Build (Brownfield)	3	No	None	Piled Ground Beams	Suspended RC	Steel Frame/Composite	Lightweight/SFS
134	As-Built	CO4	5428	12	Whole Building	Educational	New Build (Greenfield)	3	No	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Composite	Lightweight Only
135	Stage 5	W1	125	1	Whole Building	Residential (Single)	New Build (Brownfield)	5	No	None	Piled Ground Beams	Suspended RC	Steel Frame/Composite	Masonry/Stone
136	As-Built	CB3	19512	40	Whole Building	Residential (Multi)	New Build (Greenfield)	6	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
137	As-Built	OX2	2395	6	Whole Building	Residential (Multi)	New Build (Brownfield)	5	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
138	As-Built	SM2	10220	38	Whole Building	Residential (Multi)	New Build (Brownfield)	4	Yes	None	Reinforced Pads/Strips	Ground Bearing RC	Timber Frame (Glulam/CLT)	Timber/SFS
139	As-Built	SE1	5500	23.5	Whole Building	Cultural/Public	New Build (Greenfield)	9	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
140	As-Built	SL9	1729	6.5	Whole Building	Cultural/Public	New Build (Brownfield)	3	No	Partial Footprint	Piles (Pile Caps)	Ground Bearing RC	Steel Frame/Precast	Masonry/SFS
141	As-Built	SE17	1850	7	Whole Building	Residential (Multi)	New Build (Brownfield)	6	No	None	Mass Pads/Strips	Suspended RC	Concrete (In-Situ)	Masonry Only
142	As-Built	OX14	2054	7	Whole Building	Educational	New Build (Brownfield)	3	No	None	Piles (Pile Caps)	Suspended RC	Steel Frame/Precast	Masonry/SFS
143	As-Built	OX27	1210	4	Whole Building	Commercial	New Build (Greenfield)	3	Yes	None	Raft	Raft	Concrete (In-Situ)	Timber Only
144	Stage 5	CT2	2769	10.8	Whole Building	Educational	New Build (Brownfield)	3	No	None	Mass Pads/Strips	Suspended RC	Timber Frame (Glulam/CLT)	Other
145	Stage 2	RM13	17710	30	Whole Building	Residential (Multi)	New Build (Brownfield)	8	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/Stone
146	As-Built	E16	3600	9.5	Whole Building	Educational	New Build (Brownfield)	3	No	None	Raft	Raft	Concrete (In-Situ)	Masonry/SFS
147	As-Built	OX1	763	4.7	Whole Building	Educational	New Build (Greenfield)	3	No	Other	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Glazed/Curtain Wall
148	Stage 4	NW8	810	4.5	Whole Building	Residential (Single)	Mixed New Build/Refurb	4	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only
149	As-Built	SL6	500	1.5	Whole Building	Healthcare	New Build (Greenfield)	2	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Glazed/Curtain Wall
150	As-Built	OX3	1900	11	Whole Building	Healthcare	New Build (Brownfield)	3	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Steel Frame/Precast	Glazed/Curtain Wall
151	As-Built	IG11	3023	7	Whole Building	Residential (Multi)	New Build (Brownfield)	3	No	None	Mass Pads/Strips	Suspended RC	Concrete (In-Situ)	Masonry Only
152	As-Built	NW10	21500	40	Whole Building	Residential (Multi)	New Build (Brownfield)	6	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
153	As-Built	CR8	3268	8	Whole Building	Residential (Multi)	New Build (Brownfield)	3	No	Partial Footprint	Raft	Raft	Timber Frame (Glulam/CLT)	Masonry Only
154	As-Built	HA9	42487	135	Whole Building	Residential (Multi)	New Build (Brownfield)	21	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS
155	Stage 4	OX11	1760	5.1	Whole Building	Science/Lab	New Build (Brownfield)	2	No	None	Mass Pads/Strips	Suspended RC	Steel Frame/Composite	Other
156	As-Built	OX11	12665	100	Whole Building	Science/Lab	New Build (Greenfield)	5	No	Partial Footprint	Reinforced Pads/Strips	Ground Bearing RC	Steel Frame/Timber	Lightweight/SFS
157	Stage 2	OX11	8500	80	Whole Building	Science/Lab	New Build (Brownfield)	3	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Lightweight/SFS
158	As-Built	E17	12577	30	Whole Building	Residential (Multi)	New Build (Brownfield)	16	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/Stone
159	As-Built	SO24	312	2	Whole Building	Residential (Single)	New Build (Brownfield)	1	No	None	Mass Pads/Strips	Suspended RC	Steel Frame/Timber	Timber Only
160	As-Built	SO24	109	0.7	Whole Building	Residential (Single)	Full Refurb	1	No	None	Mass Pads/Strips	Suspended RC	Timber Frame (Softwood)	Timber Only
161	As-Built	CB6	3657	6.5	Whole Building	Science/Lab	New Build (Greenfield)	2	No	None	Reinforced Pads/Strips	Ground Bearing RC	Steel Frame/Composite	Lightweight/SFS
162	Stage 5	GU8	1830	45	Whole Building	Residential (Single)	Mixed New Build/Refurb	3	No	Full Footprint	Piled Ground Beams	Suspended RC	Concrete (In-Situ)	Masonry/Stone
163	Stage 4	SE6	6941	3.4	Whole Building	Educational	New Build (Greenfield)	3	No	None	Piles (Pile Caps)	Ground Bearing RC	Concrete (In-Situ)	Masonry Only

Project Ref	Carbon A1-A3 (kgCO2e)	Carbon A1-A5 (kgCO2e)	Carbon A1-C4 (kgCO2e)	Carbon A1-D (kgCO2e)	A1-A3 Rate (kgCO2e/m2)	A1-A5 Rate (kgCO2e/m2)	A1-C4 Rate (kgCO2e/m2)	A1-D Rate (kgCO2e/m2)	Construction Carbon (A1-A5) (kgCO2e)	Construction % Carbon (A1-A5)	Concrete Total Mass (kg)	Concrete Total Carbon (A1-A5) (kgCO2e)	Concrete % Carbon (A1-A5)
1	776263	1136232	1269140	1220792	137.6	201.4	224.9	216.4	105000	9.2%	2639542	212753	18.7%
2	8429603	9825522	10342388	8873639	266.8	311.0	327.4	280.9	539000	5.5%	35718253	4858091	49.4%
3	3119642	3637755	3812153	3365251	316.3	368.9	386.5	341.2	168000	4.6%	13014984	1928667	53.0%
4	5077415	5844220	6136749	5214343	294.5	339.0	356.0	302.5	280000	4.8%	20845880	2804041	48.0%
5	252796	328798	358757	343081	110.4	143.6	156.7	149.8	14000	4.3%	999470	160833	48.9%
6	276743	395560	435199	421671	208.1	297.4	327.2	317.0	17500	4.4%	676453	93760	23.7%
7	296431	392868	438216	419961	282.3	374.2	417.3	400.0	29400	7.5%	1734000	152248	38.8%
8	239946	295119	316945	285115	273.9	336.9	361.8	325.5	10500	3.6%	814220	97798	33.1%
9	289488	378672	405200	385486	206.8	270.5	289.4	275.3	31500	8.3%	1175125	156266	41.3%
10	458585	603764	643842	580761	298.9	393.6	419.7	378.6	63000	10.4%	1849680	221934	36.8%
11	510817	607903	639998	575344	300.5	357.6	376.5	338.4	21000	3.5%	1645549	295658	48.6%
12	838146	1028051	1107449	962694	424.4	520.5	560.7	487.4	86100	8.4%	4394975	467267	45.5%
13	171056	230019	244964	221828	570.2	766.7	816.5	739.4	21000	9.1%	356375	47759	20.8%
14	193785	280516	299575	269423	299.1	432.9	462.3	415.8	42000	15.0%	542248	62808	22.4%
15	4505097	5296060	5527011	4604344	321.1	377.5	394.0	328.2	385000	7.3%	16976246	2316267	43.7%
16	2057079	2530339	2638266	2273561	259.7	319.4	333.0	287.0	280000	11.1%	7707360	1142140	45.1%
17	828212	1075496	1147248	1015166	243.6	316.3	337.4	298.6	140000	13.0%	3546166	374071	34.8%
18	486044	581974	615048	556359	474.7	568.3	600.6	543.3	17500	3.0%	1363512	195611	33.6%
19	387459	500672	532196	486714	161.4	208.6	221.7	202.8	51100	10.2%	1566650	213137	42.6%
20	4090908	4852199	5034011	4155826	1210.0	1435.1	1488.9	1229.2	385000	7.9%	14626032	1922790	39.6%
21	671614	795920	846698	737678	274.1	324.9	345.6	301.1	45500	5.7%	2878644	385572	48.4%
22	95701	123003	131393	124375	240.5	309.1	330.1	312.5	4900	4.0%	174065	38421	31.2%
23	99986	137562	154239	147040	147.5	202.9	227.5	216.9	9800	7.1%	542917	49469	36.0%
24	155108	207943	230465	201559	163.3	218.9	242.6	212.2	21700	10.4%	508856	54101	26.0%
25	371085	467411	491625	444158	410.5	517.0	543.8	491.3	49000	10.5%	1440456	185092	39.6%
26	581603	681169	714103	615938	504.0	590.3	618.8	533.7	35000	5.1%	2489513	333343	48.9%
27	147630	220592	234619	206168	123.0	183.8	195.5	171.8	49000	22.2%	357001	46041	20.9%
28	86529	121210	131072	110780	159.1	222.8	240.9	203.6	14000	11.6%	174600	17431	14.4%
29	296741	361597	383900	329985	448.2	546.2	579.9	498.5	28000	7.7%	1159200	155225	42.9%
30	86160	140782	152469	146368	166.7	272.3	294.9	283.1	37100	26.4%	476316	44949	31.9%
31	74133	100496	113779	110488	176.1	238.7	270.3	262.4	5600	5.6%	570248	49265	49.0%
32	120473	153851	166059	157976	208.1	265.7	286.8	272.8	12600	8.2%	566742	70892	46.1%
33	95977	127919	135837	121225	295.3	393.6	418.0	373.0	14000	10.9%	247690	33152	25.9%
34	259893	333515	352655	308943	299.8	384.7	406.8	356.3	42000	12.6%	1080888	127221	38.1%
35	305147	376248	400090	355703	517.2	637.7	678.1	602.9	28000	7.4%	1261571	160102	42.6%
36	77866	96143	103214	94734	372.6	460.0	493.8	453.3	2800	2.9%	222597	28988	30.2%
37	456914	524227	549537	461006	326.4	374.4	392.5	329.3	21000	4.0%	1676032	224502	42.8%
38	88371	110736	117274	109662	245.5	307.6	325.8	304.6	6300	5.7%	249060	52549	47.5%
39	66250	84259	89386	80889	217.2	276.3	293.1	265.2	4200	5.0%	146206	36340	43.1%
40	228628	272513	290708	258486	207.8	247.7	264.3	235.0	16800	6.2%	842113	121690	44.7%
41	46294	62118	67498	64299	203.9	273.6	297.3	283.3	4900	7.9%	183040	29994	48.3%
42	45070	60398	66705	63907	203.0	272.1	300.5	287.9	4200	7.0%	253137	30396	50.3%
43	63193	83633	90989	84469	179.0	236.9	257.8	239.3	9800	11.7%	324373	30632	36.6%
44	1973563	2219310	2369117	1912370	270.9	304.7	325.2	262.5	59500	2.7%	8360159	909158	41.0%
45	2743981	3080920	3200620	2573441	531.5	596.7	619.9	498.4	105000	3.4%	9241175	1230541	39.9%
46	38228	51863	56948	55598	204.4	277.3	304.5	297.3	4200	8.1%	215430	30373	58.6%
47	108264	128924	139233	130638	251.2	299.1	323.0	303.1	3500	2.7%	515885	70006	54.3%
48	711121	822034	862493	740578	374.3	432.6	453.9	389.8	44100	5.4%	3150000	420089	51.1%
49	176324	205306	215997	187989	605.9	705.5	742.3	646.0	4200	2.0%	446924	73127	35.6%
50	1281970	1496774	1567063	1319568	311.4	363.6	380.6	320.5	98000	6.5%	5332925	714118	47.7%
51	47918	67297	71234	65893	208.3	292.6	309.7	286.5	12250	18.2%	177602	23808	35.4%
52	21909	30694	34040	32481	171.2	239.8	265.9	253.8	2100	6.8%	93235	7533	24.5%
53	788399	885170	930851	782854	225.3	253.0	266.0	223.7	42000	4.7%	2190245	268146	30.3%
54	61075	76080	81422	72058	277.6	345.8	370.1	327.5	5600	7.4%	254987	31781	41.8%
55	173476	211778	227420	200096	150.5	183.7	197.2	173.5	16800	7.9%	831776	104716	49.4%
56	228366	263647	280439	230414	196.4	226.7	241.1	198.1	12600	4.8%	839829	74126	28.1%
57	2911820	3358306	3519727	3003969	358.7	413.7	433.6	370.0	182000	5.4%	12859276	1721952	51.3%
58	28265	37446	41234	38425	62.0	82.1	90.4	84.3	3500	9.3%	84380	9960	26.6%
59	195811	270210	292662	246906	156.6	216.2	234.1	197.5	30100	11.1%	907665	91420	33.8%
60	139873	161775	170966	142464	293.9	339.9	359.2	299.3	7000	4.3%	480866	64431	39.8%
61	576783	780930	828246	716710	72.4	98.0	103.9	89.9	161000	20.6%	1545186	206912	26.5%
62	50217	61206	65221	54767	111.6	136.0	144.9	121.7	7000	11.4%	28298	2501	4.1%
63	97700	169713	179924	165375	85.5	148.5	157.4	144.7	59500	35.1%	339113	40182	23.7%
64	31180	42200	47270	46119	141.7	191.8	214.9	209.6	2800	6.6%	195582	17799	42.2%
65	23836	38464	41726	40587	220.7	356.2	386.4	375.8	9800	25.5%	142896	13406	34.9%
66	31980	42376	45674	40908	253.8	336.3	362.5	324.7	4900	11.6%	108722	14791	34.9%
67	24482	31466	35561	33444	192.8	247.8	280.0	263.3	2100	6.7%	173496	15787	50.2%
68	44860	57324	61294	56911	149.5	191.1	204.3	189.7	6300	11.0%	199426	26664	46.5%
69	19053	24915	26726	25038	312.3	408.4	438.1	410.5	2100	8.4%	66890	8863	35.6%
70	141377	162714	169848	138714	331.1	381.1	397.8	324.9	8400	5.2%	405772	54300	33.4%
71	353436	395015	416452	338939	215.1	240.4	253.5	206.3	12600	3.2%	1095594	121281	30.7%
72	323659	418259	438763	343637	199.8	258.2	270.8	212.1	28700	6.9%	872224	116797	27.9%
73	1856748	2202571	2317605	2022740	322.4	382.4	402.4	351.2	175000	7.9%	9279151	1214459	55.1%
74	110407	152949	164779	143148	242.7	336.2	362.2	314.6	21000	13.7%	477501	60327	39.4%
75	297702	347912	371449	322067	207.7	242.8	259.2	224.8	21000	6.0%	1462025	172757	49.7%
76	519307	608600	649948	595734	219.3	257.0	274.5	251.6	46200	7.6%	2811131	318277	52.3%
77	7376	13405	16516	14170	39.0	70.9	87.4	75.0	2800	20.9%	0	0	0.0%
78	12866	21693	22779	21747	171.5	289.2	303.7	290.0	7000	32.3%	57067	7440	34.3%
79	27438	34587	39370	33507	143.7	181.1	206.1	175.4	2800	8.1%	84574	9946	28.8%
80	172194	197608	207869	172788	326.7	375.0	394.4	327.9	10500	5.3%	606718	80429	40.7%
81	72252	85793	90597	77872	193.2	229.4	242.2	208.2	7000	8.2%	258483	33341	38.9%
82	812914	925726	969855	815798	326.5	371.8	389.5	327.6	42000	4.5%	3423275	455968	49.3%
83	483008	586292	619643	529185	297.4	361.0	381.6	325.9	53900	9.2%	2010074	278005	47.4%
84	64819	86957	93327	81167	104.4	140.0	150.3	130.7	14700	16.9%	138899	17151	19.7%
85	2141831	2468449	2615550	2344178	244.8	282.2	299.0	268.0	126000	5.1%	12006497	1607759	65.1%
86	132479	158488	165356	139790	441.6	528.3	551.2	466.0	14000	8.8%	554755	74074	46.7%
87	1827419	2231544	2423607	1983292	325.2	397.1	431.2	352.9	161000	7.2%	8266700	842783	37.8%
88	160854	189709	198060	170729	388.5	458.2	478.4	412.4	14000	7.4%	637951	94526	49.8%
89	518226	578028	600903	497709	327.6	365.4	379.8	314.6	31500	5.4%	674305	87210	15.1%
90	27386	50661	71466	53566	88.3	163.4	230.5	172.8	3500	6.9%	28992	3605	7.1%
91	62457	82052	85193	70831	424.9	558.2	579.5	481.8	14000	17.1%	165536	22205	27.1%
92	535162	584352	604314	471079	697.7	761.9	787.9	614.2	7000	1.2%	1445247	190793	32.7%
93	10730	14613	15503	14088	89.4	121.8	129.2	117.4	2800	19.2%	21153	2833	19.4%
94	307109	359069	393150	356857	234.3	273.9	299.9	272.2	23100	6.4%	2076510	197451	55.0%
95	82635	110375	117019	95493	103.3	138.0	146.3	119.4	14000	12.7%	257230	31693	28.7%
96	65609	80461	88045	75641	193.0	236.6	259.0	222.5	7700	9.6%	395600	36452	45.3%
97	363819	431262	450694	386477	530.3	628.7	657.0	563.4	35000	8.1%	1619280	216950	50.3%
98	1164255	1392456	1492315	1306862	251.4	300.7	322.2	282.2	119000	8.5%	6406200	763877	54.9%
99	39774	52217	62818	53675	170.0	223.1	268.5	229.4	7000	13.4%	194052	20631	39.5%
100	3909519	4296053	4476087	3711155	327.5	359.8	374.9	310.8	56000	1.3%	14706584	2172682	50.6%
101	820343	1031623	1088155	860653	176.8	222.3	234.5	185.5	70000	6.8%	2591257	303424	29.4%
102	131643	174041	192960	170815	177.4	234.6	260.1	230.2	25900	14.9%	654929	65348	37.5%
103	1364617	1627204	1760425	1504019	326.5	389.3	421.2	359.8	126000	7.7%	7892945	806507	49.6%
104	4276182	4770052	5033232	4327606	282.3	315.0	332.3	285.7	105000	2.2%	20927840	2769609	58.1%
105	925507	1065123	1126038	974381	205.7	236.7	250.2	216.5	56000	5.3%	4521046	600246	56.4%
106	1046054	1197449	1263890	1104077	268.2	307.0	324.1	283.1	56000	4.7%	5333202	710642	59.3%
107	527502	601682	630750	503138	306.0	349.0	365.9	291.8	35000	5.8%	1402014	149060	24.8%
108	1062330	1282887	1327616	1107205	383.2	462.8	478.9	399.4	147000	11.5%	2819311	356480	27.8%
109	206726	324065	344358	-406845	132.9	208.4	221.5	-261.6	35000	10.8%	724400	97003	29.9%
110	519300	678534	713903	506346	277.1	362.1	381.0	270.2	77000	11.3%	1629830	160328	23.6%
111	1609361	1826838	1924483	1532081	685.1	777.7	819.3	652.2	77000	4.2%	6271598	677447	37.1%
112	1577187	1838487	1928077	1676275	203.4	237.1	248.6	216.2	140000	7.6%	6080786	836863	45.5%
113	457731	555326	584536	468825	218.0	264.4	278.4	223.2	59500	10.7%	1392000	146933	26.5%
114	3597690	4035481	4292690	3686093	225.1	252.5	268.5	230.6	203000	5.0%	12941554	1307291	32.4%
115	1328977	1480047	1556650	1297156	232.9	259.4	272.9	227.4	35000	2.4%	5548740	745223	50.4%
116	936764	1184002	1234827	1000809	270.7	342.2	356.9	289.3	105000	8.9%	2793100	374017	31.6%
117	2784242	3224102	3397916	2948690	242.1	280.4	295.5	256.4	189000	5.9%	13546632	1824276	56.6%
118	2608332	3036346	3203044	2822950	275.1	320.2	337.8	297.7	189000	6.2%	13612812	1822856	60.0%
119	9339628	10796889	11337268	10082453	293.9	339.8	356.8	317.3	630000	5.8%	46616049	6649272	61.6%
120	581091	702367	732403	595064	255.3	308.6	321.8	261.5	49000	7.0%	1916136	271791	38.7%
121	3675905	4186672	4343413	3613337	313.2	356.7	370.1	307.9	252000	6.0%	10094000	1375628	32.9%
122	636748	883243	924112	700834	154.7	214.6	224.6	170.3	84000	9.5%	1195570	172862	19.6%
123	721007	845185	905559	759839	421.1	493.7	528.9	443.8	56000	6.6%	3770966	396208	46.9%
124	10594434	12219141	12847170	11134729	285.4	329.2	346.1	300.0	700000	5.7%	49642267	6647183	54.4%
125	620941	733807	784204	644830	290.3	343.1	366.6	301.5	53900	7.3%	2580000	278277	37.9%
126	810028	965429	1025328	871577	468.2	558.1	592.7	503.8	83300	8.6%	3919200	426466	44.2%
127	604464	865002	889417	757411	562.8	805.4	828.1	705.2	210000	24.3%	2078968	299199	34.6%
128	532911	605103	632685	527846	391.8	444.9	465.2	388.1	26600	4.4%	2107296	282183	46.6%
129	215408	267996	283492	245290	249.9	310.9	328.9	284.6	31500	11.8%	778931	104305	38.9%
130	648221	765965	790296	628054	305.8	361.3	372.8	296.3	70000	9.1%	1405160	194810	25.4%
131	3999749	4626047	4856395	4079777	395.7	457.7	480.5	403.6	266000	5.8%	17970925	2245970	48.6%
132	502663	572614	597212	510749	389.7	443.9	463.0	395.9	35000	6.1%	1641394	209919	36.7%
133	393715	491580	514089	425485	260.2	324.9	339.8	281.2	70000	14.2%	1030625	108475	22.1%
134	940226	1092154	1154172	981019	173.2	201.2	212.6	180.7	84000	7.7%	3364800	367619	33.7%
135	35602	45098	46823	39354	284.8	360.8	374.6	314.8	7000	15.5%	92750	10987	24.4%
136	5496911	6276534	6614711	5815419	281.7	321.7	339.0	298.0	280000	4.5%	28079606	3842155	61.2%
137	762800	874203	921098	798553	318.5	365.0	384.6	333.4	42000	4.8%	3818159	501901	57.4%
138	2726136	3413059	3632936	2666348	266.7	334.0	355.5	260.9	266000	7.8%	11051550	1161106	34.0%
139	2544984	2931600	3095217	2447067	462.7	533.0	562.8	444.9	164500	5.6%	9470640	1005373	34.3%
140	747103	837819	872577	720686	432.1	484.6	504.7	416.8	45500	5.4%	1833807	202038	24.1%
141	554782	651202	678204	578219	299.9	352.0	366.6	312.6	49000	7.5%	2238548	331726	50.9%
142	298168	376397	409093	352347	145.2	183.3	199.2	171.5	49000	13.0%	1732680	169287	45.0%
143	349416	412026	427486	346332	288.8	340.5	355.7	286.2	28000	6.8%	1276375	170095	41.3%
144	611076	786529	834861	722648	220.7	284.0	301.5	261.0	75600	9.6%	3221447	398943	50.7%
145	6586432	7385594	7757139	6630358	371.9	417.0	438.0	374.4	210000	2.8%	30903175	4138517	56.0%
146	908467	1062347	1139600	943200	252.4	295.1	316.6	262.0	66500	6.3%	4469110	475149	44.7%
147	301751	359752	373474	302593	395.5	471.5	489.5	396.6	32900	9.1%	1008225	133092	37.0%
148	263883	318914	334776	286665	325.8	393.7	413.3	353.9	31500	9.9%	1202784	153834	48.2%
149	296935	331304	343162	270307	593.9	662.6	686.3	540.6	10500	3.2%	883927	115780	34.9%
150	590475	716628	769308	686536	310.8	377.2	404.9	361.3	77000	10.7%	3172800	337327	47.1%
151	667701	783432	854426	751709	220.9	259.2	282.6	248.7	49000	6.3%	4294296	456563	58.3%
152	5855889	6649953	6980771	5865463	272.4	309.3	324.7	272.8	280000	4.2%	25120341	3363799	50.6%
153	353884	501809	537429	-194835	108.3	153.6	164.5	-59.6	56000	11.2%	1582208	192962	38.5%
154	8673295	10428961	11204037	9653409	204.1	245.5	263.7	227.2	945000	9.1%	45445475	5304463	50.9%
155	371880	439257	467118	405159	211.3	249.6	265.4	230.2	35700	8.1%	1806651	197122	44.9%
156	3088151	4138261	4362707	2565013	243.8	326.7	344.5	202.5	700000	16.9%	12312800	1670395	40.4%
157	2416435	3188096	3330605	2920111	284.3	375.1	391.8	343.5	560000	17.6%	10803300	1449831	45.5%
158	3962312	4539020	4765948	4093213	315.0	360.9	378.9	325.5	210000	4.6%	18436642	2515761	55.4%
159	75364	100434	112170	98186	241.6	321.9	359.5	314.7	14000	13.9%	419290	39832	39.7%
160	22380	30277	33695	29706	205.3	277.8	309.1	272.5	4900	16.2%	158969	14772	48.8%
161	635848	738894	799584	706009	173.9	202.0	218.6	193.1	45500	6.2%	3746400	357089	48.3%
162	1414706	1857174	1952620	1612875	773.1	1014.8	1067.0	881.4	315000	17.0%	5847540	619757	33.4%
163	2352532	2574462	2693068	2213874	338.9	370.9	388.0	319.0	23800	0.9%	9041813	1214219	47.2%

Project Ref	Masonry & Blockwork Total Area (m2)	Masonry & Blockwork Total Carbon (A1-A5) (kgCO2e)	Masonry % Blockwork % Carbon (A1-A5)	Reinforcement Total Mass (kg)	Reinforcement Total Carbon (A1-A5) (kgCO2e)	Reinforcement % Carbon (A1-A5)	Steel (Other) Total Mass (kg)	Steel (Other) Total Carbon (A1-A5) (kgCO2e)	Steel (Other) % Carbon (A1-A5)	Steel (Sections) Total Mass (kg)	Steel (Sections) Total Carbon (A1-A5) (kgCO2e)	Steel (Sections) % Carbon (A1-A5)	Timber (Plain) Total Mass (kg)	Timber (Plain) Total Carbon (A1-A5) (kgCO2e)	Timber (Plain) % Carbon (A1-A5)	Timber (Products) Total Mass (kg)	Timber (Products) Total Carbon (A1-A5) (kgCO2e)	Timber (Products) % Carbon (A1-A5)
1	21635	654510	57.6%	7617	16219	1.4%	6150	19091	1.7%	2450	3915	0.3%	45863	17598	1.5%	109390	107145	9.4%
2	12066	487292	5.0%	1836606	3910746	39.8%	5845	18144	0.2%	0	0	0.0%	34585	12250	0.1%	0	0	0.0%
3	7160	298775	8.2%	541234	1152467	31.7%	0	0	0.0%	55614	88878	2.4%	1947	968	0.0%	0	0	0.0%
4	6170	211739	3.6%	1124431	2394288	41.0%	0	0	0.0%	93630	149631	2.6%	0	0	0.0%	6078	4521	0.1%
5	4165	93293	28.4%	0	0	0.0%	0	0	0.0%	30082	48074	14.6%	25341	12597	3.8%	0	0	0.0%
6	4112	246468	62.3%	4662	9927	2.5%	0	0	0.0%	0	0	0.0%	29509	11959	3.0%	16280	15946	4.0%
7	3789	151058	38.4%	5000	10647	2.7%	0	0	0.0%	25000	39953	10.2%	27000	9563	2.4%	0	0	0.0%
8	3669	82180	27.8%	23639	50336	17.1%	0	0	0.0%	29421	47018	15.9%	14660	7287	2.5%	0	0	0.0%
9	3395	137769	36.4%	24955	53138	14.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
10	3056	141256	23.4%	70058	149177	24.7%	0	0	0.0%	12948	20692	3.4%	15500	7705	1.3%	0	0	0.0%
11	2643	119513	19.7%	76745	163416	26.9%	0	0	0.0%	5204	8316	1.4%	0	0	0.0%	0	0	0.0%
12	2490	78249	7.6%	174037	370583	36.0%	0	0	0.0%	11147	17814	1.7%	16170	8038	0.8%	0	0	0.0%
13	2470	97137	42.2%	25085	53414	23.2%	0	0	0.0%	1727	2760	1.2%	9320	4633	2.0%	3385	3316	1.4%
14	2284	94921	33.8%	18447	39280	14.0%	7920	24585	8.8%	6250	9988	3.6%	13950	6935	2.5%	0	0	0.0%
15	2225	107875	2.0%	1167933	2486918	47.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
16	2160	109021	4.3%	450204	958634	37.9%	0	0	0.0%	24180	38642	1.5%	3825	1901	0.1%	0	0	0.0%
17	2110	118248	11.0%	103039	219404	20.4%	0	0	0.0%	123396	197201	18.3%	10689	5313	0.5%	29898	21258	2.0%
18	1940	210008	36.1%	72100	153525	26.4%	0	0	0.0%	1638	2618	0.4%	5456	2712	0.5%	0	0	0.0%
19	1940	103961	20.8%	51331	109301	21.8%	0	0	0.0%	14500	23173	4.6%	0	0	0.0%	0	0	0.0%
20	1883	154047	3.2%	1096255	2334291	48.1%	0	0	0.0%	33111	52916	1.1%	1830	910	0.0%	2292	2245	0.0%
21	1855	69702	8.8%	124660	265443	33.4%	312	969	0.1%	7020	11219	1.4%	28380	10052	1.3%	7620	7464	0.9%
22	1854	59311	48.2%	5843	12442	10.1%	0	0	0.0%	4377	6995	5.7%	1063	376	0.3%	569	557	0.5%
23	1822	53905	39.2%	1468	3126	2.3%	0	0	0.0%	8826	14105	10.3%	10686	3785	2.8%	3443	3373	2.5%
24	1804	56692	27.3%	24334	51815	24.9%	2363	7335	3.5%	4000	6392	3.1%	13171	4665	2.2%	11027	5243	2.5%
25	1787	74444	15.9%	11937	25418	5.4%	10816	33575	7.2%	54047	86373	18.5%	19275	9582	2.0%	5768	3927	0.8%
26	1541	48427	7.1%	124030	264101	38.8%	0	0	0.0%	0	0	0.0%	840	298	0.0%	0	0	0.0%
27	1468	32885	14.9%	15783	33608	15.2%	3775	14755	6.7%	17824	28484	12.9%	7202	2551	1.2%	20764	13268	6.0%
28	1394	40307	33.3%	6746	14364	11.9%	9785	30375	25.1%	0	0	0.0%	9520	4732	3.9%	0	0	0.0%
29	1343	30082	8.3%	58860	125333	34.7%	0	0	0.0%	6594	10538	2.9%	14060	4980	1.4%	10000	7438	2.1%
30	1209	38017	27.0%	3835	8166	5.8%	0	0	0.0%	6708	10720	7.6%	3680	1829	1.3%	0	0	0.0%
31	1189	35178	35.0%	932	1985	2.0%	96	298	0.3%	2256	3605	3.6%	6052	2927	2.9%	1673	1639	1.6%
32	1180	40818	26.5%	3567	7595	4.9%	0	0	0.0%	12034	19232	12.5%	5460	2714	1.8%	0	0	0.0%
33	1038	35367	27.6%	13626	29014	22.7%	0	0	0.0%	6780	10835	8.5%	3062	1522	1.2%	4113	4029	3.1%
34	970	38181	11.4%	48853	104024	31.2%	0	0	0.0%	12628	20181	6.1%	3838	1908	0.6%	0	0	0.0%
35	968	47567	12.6%	44510	94777	25.2%	0	0	0.0%	10490	16764	4.5%	0	0	0.0%	34157	29039	7.7%
36	835	40152	41.8%	7554	16086	16.7%	0	0	0.0%	924	1477	1.5%	6741	3228	3.4%	3484	3413	3.5%
37	805	39557	7.5%	111720	237889	45.4%	0	0	0.0%	800	1278	0.2%	0	0	0.0%	0	0	0.0%
38	804	30614	27.6%	7102	15123	13.7%	0	0	0.0%	2369	3786	3.4%	1706	848	0.8%	1548	1516	1.4%
39	745	22042	26.2%	6033	12847	15.2%	1541	4784	5.7%	1778	2842	3.4%	1264	448	0.5%	772	756	0.9%
40	717	21212	7.8%	18115	38573	14.2%	0	0	0.0%	40425	64604	23.7%	19380	9634	3.5%	0	0	0.0%
41	596	17637	28.4%	719	1531	2.5%	216	671	1.1%	3862	6171	9.9%	1273	451	0.7%	778	762	1.2%
42	593	17552	29.1%	698	1486	2.5%	305	947	1.6%	2450	3915	6.5%	1978	725	1.2%	1202	1177	1.9%
43	591	18510	22.1%	2759	5874	7.0%	0	0	0.0%	11237	17959	21.5%	2420	857	1.0%	0	0	0.0%
44	539	27994	1.3%	535090	1139385	51.3%	24727	76758	3.5%	4077	6516	0.3%	0	0	0.0%	0	0	0.0%
45	534	16796	0.5%	767922	1635161	53.1%	978	3036	0.1%	56557	90385	2.9%	0	0	0.0%	0	0	0.0%
46	492	14562	28.1%	484	1031	2.0%	0	0	0.0%	853	1364	2.6%	945	335	0.6%	0	0	0.0%
47	467	19937	15.5%	391	833	0.6%	417	1294	1.0%	15700	25090	19.5%	4836	2074	1.6%	6319	6189	4.8%
48	460	21256	2.6%	147000	313012	38.1%	1000	3104	0.4%	12500	19976	2.4%	1000	497	0.1%	0	0	0.0%
49	456	49363	24.0%	31491	67055	32.7%	0	0	0.0%	5949	9507	4.6%	2185	774	0.4%	0	0	0.0%
50	421	17568	1.2%	313285	667088	44.6%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
51	419	14696	21.8%	4880	10392	15.4%	0	0	0.0%	3568	5702	8.5%	1265	448	0.7%	0	0	0.0%
52	399	15887	51.8%	126	268	0.9%	279	866	2.8%	2010	3212	10.5%	1651	585	1.9%	247	242	0.8%
53	394	8815	1.0%	78094	166287	18.8%	0	0	0.0%	245231	391907	44.3%	6783	3372	0.4%	6818	4642	0.5%
54	378	13647	17.9%	10844	23090	30.4%	0	0	0.0%	0	0	0.0%	3082	1532	2.0%	630	429	0.6%
55	361	14967	7.1%	30157	64215	30.3%	217	674	0.3%	3531	5643	2.7%	9361	4688	2.2%	0	0	0.0%
56	359	10621	4.0%	3591	7646	2.9%	20368	63226	24.0%	59713	95427	36.2%	0	0	0.0%	0	0	0.0%
57	354	14772	0.4%	607874	1294366	38.5%	0	0	0.0%	70049	111946	3.3%	0	0	0.0%	54517	33269	1.0%
58	340	15205	40.6%	2020	4302	11.5%	0	0	0.0%	2061	3293	8.8%	2384	1185	3.2%	0	0	0.0%
59	312	19856	7.3%	16560	35262	13.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	151972	93573	34.6%
60	303	6787	4.2%	26538	56508	34.9%	1376	4271	2.6%	11760	18794	11.6%	8013	3983	2.5%	0	0	0.0%
61	263	14281	1.8%	63811	135874	17.4%	7301	22664	2.9%	149204	238446	30.5%	3527	1753	0.2%	0	0	0.0%
62	262	5857	9.6%	0	0	0.0%	0	0	0.0%	27578	44073	72.0%	5010	1775	2.9%	0	0	0.0%
63	256	22244	13.1%	11829	25187	14.8%	0	0	0.0%	13512	21594	12.7%	2842	1007	0.6%	0	0	0.0%
64	238	17547	41.6%	625	1331	3.2%	0	0	0.0%	0	0	0.0%	431	153	0.4%	2624	2570	6.1%
65	228	12270	31.9%	1169	2488	6.5%	0	0	0.0%	0	0	0.0%	1005	500	1.3%	0	0	0.0%
66	222	8990	21.2%	4319	9196	21.7%	0	0	0.0%	609	973	2.3%	2724	967	2.3%	2612	2558	6.0%
67	217	7074	22.5%	870	1853	5.9%	0	0	0.0%	1442	2305	7.3%	3087	1093	3.5%	1279	1253	4.0%
68	210	7618	13.3%	1980	4216	7.4%	0	0	0.0%	7402	11829	20.6%	1403	697	1.2%	0	0	0.0%
69	210	8403	33.7%	1289	2745	11.0%	0	0	0.0%	1020	1630	6.5%	617	307	1.2%	885	867	3.5%
70	163	9311	5.7%	33745	71855	44.2%	307	953	0.6%	10781	17229	10.6%	1883	667	0.4%	0	0	0.0%
71	151	4730	1.2%	33495	71322	18.1%	16683	51787	13.1%	82341	131590	33.3%	4813	1705	0.4%	0	0	0.0%
72	147	7419	1.8%	42370	90220	21.6%	0	0	0.0%	3385	5409	1.3%	1810	900	0.2%	279595	168813	40.4%
73	131	11310	0.5%	368806	785311	35.7%	0	0	0.0%	10319	16491	0.7%	0	0	0.0%	0	0	0.0%
74	117	7446	4.9%	7721	16441	10.7%	0	0	0.0%	3432	5485	3.6%	6730	2384	1.6%	60085	39170	25.6%
75	115	13113	3.8%	55127	117384	33.7%	0	0	0.0%	13537	21633	6.2%	5718	2025	0.6%	0	0	0.0%
76	112	7154	1.2%	11273	24004	3.9%	0	0	0.0%	133260	212965	35.0%	0	0	0.0%	0	0	0.0%
77	97	2870	21.4%	0	0	0.0%	0	0	0.0%	0	0	0.0%	4743	1680	12.5%	6168	6041	45.1%
78	92	2880	13.3%	262	558	2.6%	0	0	0.0%	2348	3752	17.3%	127	63	0.3%	0	0	0.0%
79	92	2707	7.8%	1753	3734	10.8%	279	866	2.5%	5729	9155	26.5%	5198	2370	6.9%	4853	3009	8.7%
80	88	3301	1.7%	35023	74576	37.7%	500	1552	0.8%	15535	24826	12.6%	6842	2423	1.2%	0	0	0.0%
81	85	2866	3.3%	10293	21917	25.5%	0	0	0.0%	12375	19777	23.1%	1795	892	1.0%	0	0	0.0%
82	71	2089	0.2%	188421	401212	43.3%	0	0	0.0%	15304	24458	2.6%	0	0	0.0%	0	0	0.0%
83	68	1527	0.3%	91557	194955	33.3%	3368	15927	2.7%	9264	14805	2.5%	24408	11990	2.0%	15500	15182	2.6%
84	68	4328	5.0%	2672	5690	6.5%	0	0	0.0%	23021	36790	42.3%	3784	1881	2.2%	6552	6418	7.4%
85	51	3246	0.1%	343509	731445	29.6%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
86	51	1504	0.9%	32358	68900	43.5%	0	0	0.0%	0	0	0.0%	19	9	0.0%	0	0	0.0%
87	48	3055	0.1%	405500	863444	38.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	558000	361262	16.2%
88	45	1798	0.9%	28518	60723	32.0%	871	2705	1.4%	8088	12925	6.8%	2234	1111	0.6%	1961	1921	1.0%
89	44	2775	0.5%	12041	25639	4.4%	0	0	0.0%	258736	413490	71.5%	0	0	0.0%	25578	17415	3.0%
90	41	1235	2.4%	80	170	0.3%	0	0	0.0%	1123	1795	3.5%	81185	40357	79.7%	0	0	0.0%
91	27	1423	1.7%	10612	22597	27.5%	1819	5647	6.9%	8986	14361	17.5%	0	0	0.0%	2428	1820	2.2%
92	25	693	0.1%	141221	300707	51.5%	5180	16080	2.8%	42838	68460	11.7%	1245	619	0.1%	0	0	0.0%
93	22	2554	17.5%	91	193	1.3%	0	0	0.0%	3852	6155	42.1%	157	78	0.5%	0	0	0.0%
94	16	1754	0.5%	16685	35528	9.9%	2314	7183	2.0%	58718	93838	26.1%	433	215	0.1%	0	0	0.0%
95	16	1743	1.6%	11226	23905	21.7%	0	0	0.0%	5425	8670	7.9%	0	0	0.0%	50291	30365	27.5%
96	15	737	0.9%	13340	28405	35.3%	0	0	0.0%	3400	5434	6.8%	2800	1392	1.7%	500	340	0.4%
97	15	948	0.2%	77238	164465	38.1%	0	0	0.0%	8007	12796	3.0%	2218	1103	0.3%	0	0	0.0%
98	13	625	0.0%	229010	487639	35.0%	0	0	0.0%	13338	21316	1.5%	0	0	0.0%	0	0	0.0%
99	13	409	0.8%	5998	12772	24.5%	0	0	0.0%	1948	3113	6.0%	761	378	0.7%	16646	7914	15.2%
100	11	327	0.0%	964935	2054669	47.8%	0	0	0.0%	7744	12375	0.3%	0	0	0.0%	0	0	0.0%
101	0	0	0.0%	118239	251770	24.4%	0	0	0.0%	45841	73259	7.1%	0	0	0.0%	551198	333170	32.3%
102	0	0	0.0%	3819	8132	4.7%	0	0	0.0%	37483	59902	34.4%	29689	14758	8.5%	0	0	0.0%
103	0	0	0.0%	316313	673536	41.4%	0	0	0.0%	7500	11986	0.7%	18459	9176	0.6%	0	0	0.0%
104	0	0	0.0%	869362	1851162	38.8%	14265	44281	0.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%
105	0	0	0.0%	191903	408625	38.4%	0	0	0.0%	158	253	0.0%	0	0	0.0%	0	0	0.0%
106	0	0	0.0%	202261	430681	36.0%	0	0	0.0%	79	126	0.0%	0	0	0.0%	0	0	0.0%
107	0	0	0.0%	78324	166778	27.7%	18627	57822	9.6%	120545	192645	32.0%	760	378	0.1%	0	0	0.0%
108	0	0	0.0%	99800	212507	16.6%	31780	98652	7.7%	293000	468248	36.5%	0	0	0.0%	0	0	0.0%
109	0	0	0.0%	31261	66565	20.5%	792	2459	0.8%	3858	6166	1.9%	0	0	0.0%	418100	116874	36.1%
110	0	0	0.0%	87733	186813	27.5%	0	0	0.0%	46865	74896	11.0%	2368	1177	0.2%	296095	178321	26.3%
111	0	0	0.0%	487416	1037871	56.8%	0	0	0.0%	21600	34519	1.9%	0	0	0.0%	0	0	0.0%
112	0	0	0.0%	162571	346168	18.8%	20618	64002	3.5%	282320	451180	24.5%	774	274	0.0%	0	0	0.0%
113	0	0	0.0%	73633	156789	28.2%	25275	78459	14.1%	71112	113645	20.5%	0	0	0.0%	0	0	0.0%
114	0	0	0.0%	205828	438276	10.9%	0	0	0.0%	1305860	2086914	51.7%	0	0	0.0%	0	0	0.0%
115	0	0	0.0%	328051	698529	47.2%	0	0	0.0%	643	1028	0.1%	538	267	0.0%	0	0	0.0%
116	0	0	0.0%	116327	247699	20.9%	0	0	0.0%	90435	144525	12.2%	0	0	0.0%	518007	312761	26.4%
117	0	0	0.0%	568641	1210826	37.6%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
118	0	0	0.0%	481132	1024490	33.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
119	0	0	0.0%	1502864	3200098	29.6%	0	0	0.0%	198684	317520	2.9%	0	0	0.0%	0	0	0.0%
120	0	0	0.0%	120324	256210	36.5%	0	0	0.0%	10296	16454	2.3%	0	0	0.0%	180384	108912	15.5%
121	0	0	0.0%	331164	705158	16.8%	112255	348462	8.3%	942000	1505424	36.0%	0	0	0.0%	0	0	0.0%
122	0	0	0.0%	53073	113011	12.8%	0	0	0.0%	6000	9589	1.1%	0	0	0.0%	834000	503782	57.0%
123	0	0	0.0%	184324	392487	46.4%	0	0	0.0%	306	489	0.1%	0	0	0.0%	0	0	0.0%
124	0	0	0.0%	2005824	4271067	35.0%	0	0	0.0%	376000	600891	4.9%	0	0	0.0%	0	0	0.0%
125	0	0	0.0%	151280	322125	43.9%	0	0	0.0%	36145	57764	7.9%	12201	6065	0.8%	23023	15675	2.1%
126	0	0	0.0%	167149	355916	36.9%	0	0	0.0%	61044	97555	10.1%	4410	2192	0.2%	0	0	0.0%
127	0	0	0.0%	167096	355803	41.1%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
128	0	0	0.0%	122834	261554	43.2%	0	0	0.0%	20606	32931	5.4%	3692	1835	0.3%	0	0	0.0%
129	0	0	0.0%	27049	57596	21.5%	0	0	0.0%	36267	57959	21.6%	8033	3993	1.5%	12908	12643	4.7%
130	0	0	0.0%	124017	264073	34.5%	20967	65086	8.5%	107624	171995	22.5%	0	0	0.0%	0	0	0.0%
131	0	0	0.0%	896221	1908353	41.3%	37284	115737	2.5%	55614	88878	1.9%	2232	1110	0.0%	0	0	0.0%
132	0	0	0.0%	42398	90279	15.8%	3078	9555	1.7%	141363	225914	39.5%	3917	1947	0.3%	0	0	0.0%
133	0	0	0.0%	29621	63073	12.8%	18010	55907	11.4%	121266	193797	39.4%	927	329	0.1%	0	0	0.0%
134	0	0	0.0%	74405	158433	14.5%	17900	55565	5.1%	266900	426537	39.1%	0	0	0.0%	0	0	0.0%
135	0	0	0.0%	1500	3194	7.1%	1750	5432	12.0%	11500	18378	40.8%	300	106	0.2%	0	0	0.0%
136	0	0	0.0%	1011762	2154378	34.3%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
137	0	0	0.0%	155120	330302	37.8%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
138	0	0	0.0%	539350	1148456	33.6%	0	0	0.0%	24100	38515	1.1%	0	0	0.0%	1319661	798983	23.4%
139	0	0	0.0%	809685	1724089	58.8%	0	0	0.0%	22152	35401	1.2%	4500	2237	0.1%	0	0	0.0%
140	0	0	0.0%	69160	147265	17.6%	4553	14133	1.7%	268368	428883	51.2%	0	0	0.0%	0	0	0.0%
141	0	0	0.0%	125943	268175	41.2%	0	0	0.0%	1440	2301	0.4%	0	0	0.0%	0	0	0.0%
142	0	0	0.0%	62735	133584	35.5%	2900	9002	2.4%	9557	15273	4.1%	504	251	0.1%	0	0	0.0%
143	0	0	0.0%	59993	127745	31.0%	27220	84496	20.5%	0	0	0.0%	3400	1690	0.4%	0	0	0.0%
144	0	0	0.0%	54426	115891	14.7%	0	0	0.0%	2669	4265	0.5%	0	0	0.0%	317715	191829	24.4%
145	0	0	0.0%	1426304	3037077	41.1%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
146	0	0	0.0%	216677	461377	43.4%	19110	59321	5.6%	0	0	0.0%	0	0	0.0%	0	0	0.0%
147	0	0	0.0%	88012	187407	52.1%	0	0	0.0%	3975	6353	1.8%	0	0	0.0%	0	0	0.0%
148	0	0	0.0%	58000	123501	38.7%	0	0	0.0%	5888	9410	3.0%	1345	669	0.2%	0	0	0.0%
149	0	0	0.0%	84382	179677	54.2%	1215	3772	1.1%	13500	21575	6.5%	0	0	0.0%	0	0	0.0%
150	0	0	0.0%	54774	116632	16.3%	0	0	0.0%	116180	185669	25.9%	0	0	0.0%	0	0	0.0%
151	0	0	0.0%	129384	275501	35.2%	0	0	0.0%	1482	2368	0.3%	0	0	0.0%	0	0	0.0%
152	0	0	0.0%	1411782	3006154	45.2%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
153	0	0	0.0%	52300	111364	22.2%	0	0	0.0%	19419	31034	6.2%	0	0	0.0%	395118	110450	22.0%
154	0	0	0.0%	1962820	4179497	40.1%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
155	0	0	0.0%	39468	84039	19.1%	7187	22309	5.1%	62628	100086	22.8%	0	0	0.0%	0	0	0.0%
156	0	0	0.0%	190877	406441	9.8%	0	0	0.0%	709951	1134583	27.4%	0	0	0.0%	811500	226843	5.5%
157	0	0	0.0%	471000	1002916	31.5%	0	0	0.0%	102140	163231	5.1%	9600	4772	0.1%	7500	7346	0.2%
158	0	0	0.0%	851562	1813260	39.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
159	0	0	0.0%	6156	13108	13.1%	0	0	0.0%	13698	21891	21.8%	18107	9001	9.0%	2656	2602	2.6%
160	0	0	0.0%	3801	8094	26.7%	0	0	0.0%	467	746	2.5%	3849	1765	5.8%	0	0	0.0%
161	0	0	0.0%	26423	56263	7.6%	19894	61755	8.4%	136590	218286	29.5%	0	0	0.0%	0	0	0.0%
162	0	0	0.0%	423286	901317	48.5%	0	0	0.0%	10755	17188	0.9%	7871	3913	0.2%	0	0	0.0%
163	0	0	0.0%	578262	1231312	47.8%	0	0	0.0%	65784	105130	4.1%	0	0	0.0%	0	0	0.0%

164	As-Built	OX2	2404	6.2	Whole Building	Educational	New Build (Greenfield)	3	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/Stone	761128	870713	921799	725525	316.6	362.2	383.4	301.8	43400	5.0%	2472450	264329	30.4%	0	0	0.0%	220202	468883	53.9%	0	0	0.0%	52350	83661	9.6%	21000	10439	1.2%	0	0	0.0%
165	As-Built	GU7	1930	12	Whole Building	Educational	New Build (Greenfield)	3	No	None	Mass Pads/Strips	Ground Bearing RC	Concrete (In-Situ)	Masonry Only	477643	603575	641244	531994	247.5	312.7	332.3	275.6	84000	13.9%	2019396	202720	33.6%	0	0	0.0%	122902	261699	43.4%	0	0	0.0%	33306	53227	8.8%	3879	1928	0.3%	0	0	0.0%
166	As-Built	WV10	2575	6.5	Whole Building	Healthcare	New Build (Brownfield)	4	No	Full Footprint	Mass Pads/Strips	Suspended RC	Steel Frame/Precast	Lightweight/SFS	446616	528973	571580	517274	173.4	205.4	222.0	200.9	45500	8.6%	2639755	255717	48.3%	0	0	0.0%	17363	36972	7.0%	0	0	0.0%	119380	190783	36.1%	0	0	0.0%	0	0	0.0%
167	As-Built	NW6	4787	12	Whole Building	Residential (Multi)	New Build (Brownfield)	6	No	None	Piled Ground Beams	Suspended RC	Concrete (In-Situ)	Masonry/SFS	1174584	1364531	1438052	1247292	245.4	285.0	300.4	260.6	84000	6.2%	5723082	766363	56.2%	0	0	0.0%	241469	514168	37.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
168	Stage 3	NW6	8897	17	Whole Building	Mixed Use	New Build (Brownfield)	8	No	None	Piles (Pile Caps)	Suspended RC	Masonry/Concrete	Masonry Only	1900958	2182924	2285428	1932175	213.7	245.4	256.9	217.2	119000	5.5%	7631705	1111313	50.9%	0	0	0.0%	446861	951516	43.6%	0	0	0.0%	685	1095	0.1%	0	0	0.0%	0	0	0.0%
169	As-Built	SP4	3851	8	Whole Building	Industrial	New Build (Greenfield)	1	No	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Composite	Lightweight/SFS	724739	840227	904390	784279	188.2	218.2	234.8	203.7	56000	6.7%	3447160	343301	40.9%	0	0	0.0%	32456	69110	8.2%	23297	72319	8.6%	187407	299498	35.6%	0	0	0.0%	0	0	0.0%
170	As-Built	YO26	307	1.5	Whole Building	Commercial	New Build (Greenfield)	2	No	None	Mass Pads/Strips	Ground Bearing RC	Timber Frame (Softwood)	Timber Only	42748	64923	77834	67780	139.2	211.5	253.5	220.8	10500	16.2%	321708	29730	45.8%	0	0	0.0%	3540	7538	11.6%	0	0	0.0%	462	738	1.1%	33026	16417	25.3%	0	0	0.0%
171	As-Built	CB5	1137	11	Whole Building	Educational	Mixed New Build/Refurb	4	No	Partial Footprint	Piles (Pile Caps)	Ground Bearing RC	Steel Frame/Other	Masonry/Stone	721895	866222	914460	814055	634.9	761.8	804.3	716.0	77000	8.9%	4122950	501935	57.9%	0	0	0.0%	112985	240583	27.8%	1691	5249	0.6%	25788	41212	4.8%	686	243	0.0%	0	0	0.0%
172	Stage 3	OX2	446	2	Whole Building	Educational	New Build (Greenfield)	3	No	None	Mass Pads/Strips	Timber	Timber Frame (Glulam/CLT)	Masonry Only	57553	86789	93982	77677	129.0	194.6	210.7	174.2	14000	16.1%	326619	26435	30.5%	0	0	0.0%	972	2070	2.4%	0	0	0.0%	1087	1737	2.0%	273	97	0.1%	70274	42451	48.9%
173	As-Built	TN30	587	3	Whole Building	Residential (Single)	New Build (Greenfield)	1	No	None	Mass Pads/Strips	Ground Bearing RC	Concrete (In-Situ)	Other	223697	265287	279759	245091	381.1	451.9	476.6	417.5	21000	7.9%	1196719	151167	57.0%	0	0	0.0%	41899	89217	33.6%	825	3903	1.5%	0	0	0.0%	0	0	0.0%	0	0	0.0%
174	As-Built	SW19	6975	22.4	Whole Building	Residential (Multi)	New Build (Brownfield)	9	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	2007013	2351985	2523708	2111398	287.7	337.2	361.8	302.7	156800	6.7%	10194475	1083860	46.1%	0	0	0.0%	521912	1111324	47.3%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
175	As-Built	SW19	2475	8.2	Whole Building	Residential (Multi)	New Build (Brownfield)	7	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	746772	872386	930977	763036	301.7	352.5	376.2	308.3	57400	6.6%	3407914	362324	41.5%	0	0	0.0%	212584	452662	51.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
176	As-Built	E3	4950	12	Whole Building	Residential (Multi)	New Build (Brownfield)	4	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	1261930	1458824	1535318	1319747	254.9	294.7	310.2	266.6	84000	5.8%	5925327	793784	54.4%	0	0	0.0%	272874	581040	39.8%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
177	Stage 5	SW7	23	0.2	Whole Building	Cultural/Public	New Build (Greenfield)	1	No	None	Other	Other	Steel Frame/Other	Glazed/Curtain Wall	4867	6418	6554	5486	211.6	279.0	284.9	238.5	1400	21.8%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	3140	5018	78.2%	0	0	0.0%	0	0	0.0%
178	Stage 2	OX4	5850	27.4	Whole Building	Residential (Multi)	New Build (Brownfield)	15	No	None	Piles (Pile Caps)	Ground Bearing RC	Concrete (In-Situ)	Other	1977547	2333626	2425316	1954199	338.0	398.9	414.6	334.1	191800	8.2%	6487200	857762	36.8%	0	0	0.0%	587362	1250689	53.6%	0	0	0.0%	20884	33375	1.4%	0	0	0.0%	0	0	0.0%
179	Stage 2	OX4	7120	33.3	Whole Building	Residential (Multi)	New Build (Brownfield)	8	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only	1436501	1793633	1877005	1579334	201.8	251.9	263.6	221.8	233100	13.0%	5662160	758205	42.3%	0	0	0.0%	376798	802328	44.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
180	Stage 2	OX4	2755	12.9	Whole Building	Residential (Multi)	New Build (Brownfield)	4	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	998812	1172652	1218099	976452	362.5	425.6	442.1	354.4	90300	7.7%	3259641	431028	36.8%	0	0	0.0%	305882	651324	55.5%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
181	Stage 2	OX4	5676	26.5	Whole Building	Residential (Multi)	New Build (Brownfield)	10	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	1665070	1992422	2081330	1647095	293.4	351.0	366.7	290.2	185500	9.3%	5586866	636503	31.9%	0	0	0.0%	549665	1170420	58.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
182	Stage 2	UB2	56828	120	Whole Building	Residential (Multi)	New Build (Brownfield)	18	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	17775237	20222387	21289426	18447174	312.8	355.9	374.6	324.6	840000	4.2%	87534385	11721501	58.0%	0	0	0.0%	3597787	7660886	37.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
183	Stage 3	SE15	19730	49	Whole Building	Residential (Multi)	New Build (Brownfield)	14	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	6379500	7279157	7620395	6366158	323.3	368.9	386.2	322.7	343000	4.7%	26552225	3555539	48.8%	0	0	0.0%	1587642	3380618	46.4%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
184	Stage 3	OX11	1005	2.5	Whole Building	Science/Lab	New Build (Greenfield)	2	No	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Timber	Lightweight/SFS	252633	301443	318183	263050	251.4	299.9	316.6	261.7	17500	5.8%	863800	90780	30.1%	0	0	0.0%	16475	35081	11.6%	0	0	0.0%	62000	99083	32.9%	1150	407	0.1%	96700	58592	19.4%
185	Stage 4	B29	10779	26.1	Whole Building	Residential (Multi)	New Build (Brownfield)	9	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only	3431795	3916689	4105831	3468143	318.4	363.4	380.9	321.7	182700	4.7%	14985600	2015192	51.5%	0	0	0.0%	807200	1718798	43.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
186	Stage 4	B29	9083	22	Whole Building	Residential (Multi)	New Build (Brownfield)	9	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only	3213792	3651531	3826649	3238415	353.8	402.0	421.3	356.5	154000	4.2%	14215200	1912030	52.4%	0	0	0.0%	744600	1585501	43.4%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
187	Stage 4	B29	8137	19.7	Whole Building	Residential (Multi)	New Build (Brownfield)	9	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only	2206934	2539044	2664516	2253119	271.2	312.0	327.5	276.9	137900	5.4%	9607680	1292281	50.9%	0	0	0.0%	520756	1108863	43.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
188	Stage 4	B29	7130	17.3	Whole Building	Residential (Multi)	New Build (Brownfield)	12	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only	1848024	2132278	2239429	1901447	259.2	299.1	314.1	266.7	121100	5.7%	8175600	1100196	51.6%	0	0	0.0%	427825	910982	42.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
189	As-Built	TA13	83	0.224	Whole Building	Residential (Single)	New Build (Greenfield)	2	No	None	Mass Pads/Strips	Timber	Timber Frame (Softwood)	Timber Only	4611	7980	10435	8643	55.6	96.1	125.7	104.1	1568	19.6%	16080	829	10.4%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1286	2055	25.8%	6043	2958	37.1%	258	253	3.2%
190	As-Built	SL7	707	3.8	Whole Building	Residential (Single)	New Build (Brownfield)	2	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	SFS/Stone	258876	310327	332940	282224	366.2	438.9	470.9	399.2	26600	8.6%	1422271	147029	47.4%	0	0	0.0%	64198	136699	44.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
191	As-Built	SL7	707	3.8	Whole Building	Residential (Single)	New Build (Brownfield)	2	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	SFS/Stone	258876	310327	332940	282224	366.2	438.9	470.9	399.2	26600	8.6%	1422271	147029	47.4%	0	0	0.0%	64198	136699	44.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
192	As-Built	NW3	684	2.4	Whole Building	Residential (Single)	Mixed New Build/Refurb	5	No	Partial Footprint	Piled Ground Beams	Ground Bearing RC	Steel Frame/Timber	Masonry Only	134514	162207	171112	148743	196.7	237.1	250.2	217.5	16800	10.4%	539729	69276	42.7%	0	0	0.0%	16896	35977	22.2%	286	888	0.5%	23743	37944	23.4%	2660	1322	0.8%	0	0	0.0%
193	As-Built	W7	3734	10	Whole Building	Residential (Multi)	New Build (Brownfield)	6	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only	661194	790995	846520	690585	177.1	211.8	226.7	184.9	70000	8.8%	2871334	300695	38.0%	0	0	0.0%	197386	420301	53.1%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
194	As-Built	W7	4200	10	Whole Building	Residential (Multi)	New Build (Brownfield)	7	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only	872443	1021551	1092870	890479	207.7	243.2	260.2	212.0	70000	6.9%	3844809	406035	39.7%	0	0	0.0%	256191	545516	53.4%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
195	As-Built	W7	5600	9	Whole Building	Residential (Multi)	New Build (Brownfield)	8	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	1180262	1349874	1426774	1236355	210.8	241.0	254.8	220.8	63000	4.7%	5783760	773628	57.3%	0	0	0.0%	241036	513246	38.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
196	Stage 2	NW3	614	7	Whole Building	Residential (Single)	New Build (Brownfield)	3	No	Full Footprint	Raft	Suspended RC	Timber Frame (Glulam/CLT)	Masonry Only	121821	190709	199278	168357	198.4	310.6	324.6	274.2	49000	25.7%	473981	56715	29.7%	0	0	0.0%	20623	43914	23.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	68039	41080	21.5%
197	As-Built	IP7	33	0.2	Whole Building	Commercial	New Build (Brownfield)	1	No	None	Mass Pads/Strips	Suspended RC	Steel Frame/Timber	Glazed/Curtain Wall	9438	11774	12550	11127	286.0	356.8	380.3	337.2	1400	11.9%	48960	4645	39.5%	0	0	0.0%	907	1931	16.4%	0	0	0.0%	2078	3321	28.2%	0	0	0.0%	1105	477	4.1%
198	Stage 4	OX1	560	5.7	Whole Building	Educational	New Build (Brownfield)	2	Yes	None	Piles (Pile Caps)	Suspended RC	Steel Frame/Timber	Glazed/Curtain Wall	126660	183134	190202	163977	226.2	327.0	339.6	292.8	39900	21.8%	226800	27550	15.0%	0	0	0.0%	12120	25808	14.1%	0	0	0.0%	23360	37332	20.4%	1600	795	0.4%	38900	24436	13.3%
199	As-Built	PE21	821	1.6	Whole Building	Educational	New Build (Brownfield)	2	No	None	Piles (Pile Caps)	Suspended RC	Steel Frame/Other	Masonry/SFS	182862	209873	219355	193992	222.7	255.6	267.2	236.3	11200	5.3%	532053	108957	51.9%	0	0	0.0%	14244	30330	14.5%	0	0	0.0%	37160	59386	28.3%	0	0	0.0%	0	0	0.0%
200	Stage 5	LN6	753	2.5	Whole Building	Educational	New Build (Brownfield)	3	No	None	Mass Pads/Strips	Suspended RC	Steel Frame/Composite	Lightweight/SFS	130534	165070	181764	163159	173.4	219.2	241.4	216.7	17500	10.6%	356860	59314	35.9%	0	0	0.0%	5199	11070	6.7%	8250	25610	15.5%	6540	10452	6.3%	0	0	0.0%	0	0	0.0%
201	Stage 4	OX33	365	1	Whole Building	Educational	New Build (Brownfield)	2	No	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Timber	Masonry Only	67439	81843	88535	75525	184.8	224.2	242.6	206.9	7000	8.6%	252500	27736	33.9%	0	0	0.0%	6800	14479	17.7%	0	0	0.0%	15700	25090	30.7%	6100	3032	3.7%	4600	4506	5.5%
202	Stage 3	W1	1900	3	Structure Only	Commercial	Mixed New Build/Refurb	6	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Steel Frame/Composite	Masonry Only	409999	479136	497645	402768	215.8	252.2	261.9	212.0	42000	8.8%	859745	114750	23.9%	0	0	0.0%	76816	163568	34.1%	0	0	0.0%	98230	156984	32.8%	3691	1835	0.4%	0	0	0.0%
203	Stage 5	W8	854	3.5	Whole Building	Commercial	New Build (Brownfield)	6	No	Full Footprint	Raft	Suspended RC	Concrete (In-Situ)	Masonry/SFS	228613	273639	291038	236555	267.7	320.4	340.8	277.0	24500	9.0%	954819	100713	36.8%	0	0	0.0%	67691	144136	52.7%	0	0	0.0%	2414	3858	1.4%	867	431	0.2%	0	0	0.0%
204	Stage 3	W3	18228	40	Whole Building	Mixed Use	New Build (Brownfield)	13	No	Partial Footprint	Raft	Suspended RC	Concrete (In-Situ)	Masonry Only	6141622	6966831	7310109	6289126	336.9	382.2	401.0	345.0	280000	4.0%	28584753	3918128	56.2%	0	0	0.0%	1281787	2729351	39.2%	0	0	0.0%	24624	39352	0.6%	0	0	0.0%	0	0	0.0%
205	Stage 4	W3	631	1.2	Whole Building	Educational	New Build (Brownfield)	1	No	None	Piles (Pile Caps)	Suspended RC	Steel Frame/Composite	Masonry Only	181688	203413	213319	189465	287.9	322.4	338.1	300.3	8400	4.1%	728600	97565	48.0%	0	0	0.0%	0	0	0.0%	4733	14691	7.2%	51785	82758	40.7%	0	0	0.0%	0	0	0.0%
206	Stage 3	N15	3760	10	Whole Building	Residential (Multi)	New Build (Greenfield)	9	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	1217469	1392962	1457609	1195774	323.8	370.5	387.7	318.0	70000	5.0%	4782155	617222	44.3%	0	0	0.0%	331437	705740	50.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
207	Stage 4	WD19	313	0.8	Whole Building	Residential (Single)	New Build (Brownfield)	3	No	Partial Footprint	Raft	Other	Steel Frame/Other	Masonry/SFS	67272	77872	82269	68856	214.9	248.8	262.8	220.0	5600	7.2%	177852	22759	29.2%	0	0	0.0%	5745	12233	15.7%	666	2067	2.7%	20273	32398	41.6%	3533	1251	1.6%	1596	1563	2.0%
208	Stage 2	SN3	702	4	Whole Building	Industrial	New Build (Brownfield)	1	No	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Other	Precast/GRC	154200	223070	262536	220784	219.7	317.8	374.0	314.5	28000	12.6%	564000	75583	33.9%	0	0	0.0%	7856	16728	7.5%	0	0	0.0%	20275	32402	14.5%	126611	62938	28.2%	6653	6516	2.9%
209	Stage 2	SN3	6725	21	Whole Building	Industrial	New Build (Brownfield)	1	Yes	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Other	Precast/GRC	1891735	2329869	2580854	2208864	281.3	346.4	383.8	328.5	147000	6.3%	7653600	1026049	44.0%	0	0	0.0%	66646	141912	6.1%	58661	182096	7.8%	311515	497837	21.4%	612521	304484	13.1%	20000	19590	0.8%
210	Stage 3	UB3	1456	5.2	Whole Building	Cultural/Public	New Build (Brownfield)	3	No	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Precast	Precast/GRC	360655	433668	453071	401690	247.7	297.8	311.2	275.9	36400	8.4%	919740	206116	47.5%	0	0	0.0%	20529	43712	10.1%	0	0	0.0%	92259	147440	34.0%	0	0	0.0%	0	0	0.0%
211	Stage 2	SS12	35921	68.1	Whole Building	Mixed Use	New Build (Brownfield)	16	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	11161692	12534356	13029375	11087837	310.7	348.9	362.7	308.7	476700	3.8%	41273403	6367840	50.8%	0	0	0.0%	2169322	4619209	36.9%	0	0	0.0%	669919	1070607	8.5%	0	0	0.0%	0	0	0.0%
212	Stage 2	SS12	19310	44.5	Whole Building	Residential (Multi)	New Build (Brownfield)	12	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	7110722	8057883	8464197	7168575	368.2	417.3	438.3	371.2	311500	3.9%	32695063	4254218	52.8%	0	0	0.0%	1640028	3492165	43.3%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
213	Stage 5	NW6	520	1.6	Whole Building	Residential (Single)	Full Refurb	4	No	Full Footprint	Reinforced Pads/Strips	Ground Bearing RC	Concrete (Precast)	Masonry Only	155184	179077	186410	151549	298.4	344.4	358.5	291.4	11200	6.3%	441899	62083	34.7%	0	0	0.0%	31400	66861	37.3%	2341	7267	4.1%	18280	29214	16.3%	1990	989	0.6%	1493	1462	0.8%
214	Stage 2	B4	12023	45	Whole Building	Educational	New Build (Brownfield)	5	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Other	Lightweight Only	4929411	5638064	5972558	4810337	410.0	468.9	496.8	400.1	315000	5.6%	19230480	1472831	26.1%	0	0	0.0%	815950	1737430	30.8%	103278	320596	5.7%	1121451	1792207	31.8%	0	0	0.0%	0	0	0.0%
215	Stage 3	TW3	3920	10	Whole Building	Mixed Use	New Build (Brownfield)	9	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	1065336	1228750	1289985	1095675	271.8	313.5	329.1	279.5	70000	5.7%	4690950	628153	51.1%	0	0	0.0%	241629	514509	41.9%	0	0	0.0%	10067	16088	1.3%	0	0	0.0%	0	0	0.0%
216	Stage 5	OX11	2850	6.7	Whole Building	Science/Lab	Full Refurb	4	No	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Composite	Masonry/SFS	446844	521519	542979	438866	156.8	183.0	190.5	154.0	46900	9.0%	743025	87981	16.9%	0	0	0.0%	21560	45908	8.8%	22000	68292	13.1%	170250	272079	52.2%	720	358	0.1%	0	0	0.0%
217	Stage 3	LS23	394	1.5	Whole Building	Other	Mixed New Build/Refurb	8	No	None	Reinforced Pads/Strips	Ground Bearing RC	Timber Frame (Glulam/CLT)	Glazed/Curtain Wall	58843	76966	83966	73174	149.3	195.3	213.1	185.7	10500	13.6%	236330	30920	40.2%	0	0	0.0%	5062	10779	14.0%	0	0	0.0%	6249	9987	13.0%	0	0	0.0%	21709	14781	19.2%
218	Stage 3	LS23	3710	13	Whole Building	Industrial	New Build (Brownfield)	1	Yes	None	Reinforced Pads/Strips	Ground Bearing RC	Steel Frame/Other	Lightweight Only	1825845	2016460	2073196	1663081	492.1	543.5	558.8	448.3	91000	4.5%	2854560	364276	18.1%	0	0	0.0%	231384	492693	24.4%	0	0	0.0%	668595	1068492	53.0%	0	0	0.0%	0	0	0.0%
219	Stage 3	LS23	1501	4	Whole Building	Industrial	New Build (Brownfield)	1	Yes	None	Mass Pads/Strips	Ground Bearing RC	Timber Frame (Glulam/CLT)	Lightweight Only	409327	535383	574913	448798	272.7	356.7	383.0	299.0	28000	5.2%	1435200	150830	28.2%	0	0	0.0%	33963	72319	13.5%	0	0	0.0%	0	0	0.0%	0	0	0.0%	461783	284234	53.1%
220	Stage 4	W1	6807	25	Whole Building	Commercial	Mixed New Build/Refurb	9	No	Full Footprint	Reinforced Pads/Strips	Ground Bearing RC	Steel Frame/Composite	Glazed/Curtain Wall	869952	1102925	1149232	952978	127.8	162.0	168.8	140.0	175000	15.9%	1769016	236884	21.5%	0	0	0.0%	73709	156951	14.2%	36988	114818	10.4%	262354	419272	38.0%	0	0	0.0%	0	0	0.0%
221	Stage 4	GU35	950	2	Whole Building	Residential (Single)	New Build (Greenfield)	1	No	None	Mass Pads/Strips	Ground Bearing RC	Timber Frame (Softwood)	Stone	166857	213749	260229	216728	175.6	225.0	273.9	228.1	14000	6.5%	791582	89524	41.9%	0	0	0.0%	8558	18223	8.5%	0	0	0.0%	9501	15184	7.1%	117421	43173	20.2%	38436	33644	15.7%
222	Stage 5	CB1	420	3.4	Whole Building	Residential (Single)	Full Refurb	3	No	None	Reinforced Pads/Strips	Ground Bearing RC	Steel Frame/Composite	Masonry Only	98653	129382	134581	116655	234.9	308.1	320.4	277.7	23800	18.4%	294723	37335	28.9%	0	0	0.0%	4787	10193	7.9%	2635	8180	6.3%	30770	49174	38.0%	480	239	0.2%	472	462	0.4%
223	Stage 4	OX29	286	4	Whole Building	Cultural/Public	New Build (Greenfield)	4	No	Full Footprint	Raft	Raft	Steel Frame/Timber	Timber/SFS	102863	141849	148403	123333	359.7	496.0	518.9	431.2	28000	19.7%	354922	46341	32.7%	0	0	0.0%	20294	43213	30.5%	4416	13708	9.7%	2846	4548	3.2%	4888	2430	1.7%	5536	3609	2.5%
224	Stage 3	YO26	3655	18.5	Whole Building	Cultural/Public	New Build (Brownfield)	2	No	None	Piled Ground Beams	Suspended RC	Timber Frame (Glulam/CLT)	Masonry/Timber	806600	1033958	1113928	965157	220.7	282.9	304.8	264.1	129500	12.5%	3451300	430762	41.7%	0	0	0.0%	106199	226133	21.9%	3364	10443	1.0%	89079	142358	13.8%	83719	41617	4.0%	56497	53145	5.1%
225	Stage 5	LE67	2938	4.5	Whole Building	Industrial	New Build (Brownfield)	1	No	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Other	Lightweight Only	579629	657235	696477	597240	197.3	223.7	237.1	203.3	31500	4.8%	2462472	285571	43.5%	0	0	0.0%	63444	135093	20.6%	8320	25827	3.9%	112160	179245	27.3%	0	0	0.0%	0	0	0.0%
226	Stage 5	LE11	2007	7	Whole Building	Educational	New Build (Brownfield)	4	No	None	Piles (Pile Caps)	Ground Bearing RC	Concrete (In-Situ)	Masonry Only	573338	673908	708387	613678	285.7	335.8	353.0	305.8	49000	7.3%	2759376	369633	54.8%	0	0	0.0%	119885	255275	37.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
227	Stage 5	RG9	92	0.2	Whole Building	Residential (Single)	New Build (Greenfield)	1	No	None	Reinforced Pads/Strips	Ground Bearing RC	Timber Frame (Glulam/CLT)	Timber Only	13709	20634	26357	21891	149.0	224.3	286.5	237.9	1400	6.8%	70512	8826	42.8%	0	0	0.0%	275	586	2.8%	0	0	0.0%	0	0	0.0%	19761	9823	47.6%	0	0	0.0%
228	Stage 4	SW15	890	2.2	Whole Building	Mixed Use	Mixed New Build/Refurb	4	No	Partial Footprint	Reinforced Pads/Strips	Other	Steel Frame/Timber	Masonry Only	59037	78331	84441	72526	66.3	88.0	94.9	81.5	15400	19.7%	101487	13651	17.4%	0	0	0.0%	542	1153	1.5%	679	2108	2.7%	26537	42409	54.1%	5658	2004	2.6%	1639	1606	2.0%
229	Stage 3	OX25	463	2	Whole Building	Cultural/Public	Full Refurb	1	No	None	Mass Pads/Strips	Ground Bearing RC	Masonry/Timber	Stone	11962	31450	36071	33899	25.8	67.9	77.9	73.2	14000	44.5%	16240	1244	4.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1769	2827	9.0%	4163	2085	6.6%	3139	3075	9.8%
230	As-Built	DA8	2330	6.5	Whole Building	Industrial	New Build (Brownfield)	1	No	None	Piles (Pile Caps)	Suspended RC	Steel Frame/Other	Lightweight Only	803994	913283	961515	836646	345.1	392.0	412.7	359.1	45500	5.0%	3585916	439414	48.1%	0	0	0.0%	100103	213153	23.3%	0	0	0.0%	134669	215216	23.6%	0	0	0.0%	0	0	0.0%
231	Stage 3	W6	664	6	Whole Building	Educational	Full Refurb	3	No	None	Reinforced Pads/Strips	Ground Bearing RC	Timber Frame (Glulam/CLT)	Lightweight Only	96634	154036	163576	140785	145.5	232.0	246.3	212.0	42000	27.3%	442037	45937	29.8%	0	0	0.0%	13398	28529	18.5%	0	0	0.0%	4184	6687	4.3%	0	0	0.0%	50156	30884	20.0%
232	Stage 3	NW6	3739	5.6	Structure Only	Commercial	New Build (Brownfield)	5	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	1155123	1335601	1400473	1188317	308.9	357.2	374.6	317.8	78400	5.9%	5118194	685364	51.3%	0	0	0.0%	268552	571837	42.8%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
233	Stage 3	NW6	6127	9.2	Structure Only	Residential (Multi)	New Build (Brownfield)	5	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	1688219	1968148	2069012	1781505	275.5	321.2	337.7	290.8	128800	6.5%	7948800	1064403	54.1%	0	0	0.0%	363925	774917	39.4%	0	0	0.0%	17	27	0.0%	0	0	0.0%	0	0	0.0%
234	Stage 2	OX11	370	3.8	Whole Building	Science/Lab	New Build (Greenfield)	2	No	None	Reinforced Pads/Strips	Ground Bearing RC	Other	Other	182832	222693	230625	196935	494.1	601.9	623.3	532.3	26600	11.9%	607500	82280	36.9%	0	0	0.0%	28120	59877	26.9%	0	0	0.0%	33750	53936	24.2%	0	0	0.0%	0	0	0.0%
235	Stage 4	NW4	1500	3.8	Whole Building	Residential (Multi)	New Build (Brownfield)	5	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	440980	506585	531667	451087	294.0	337.7	354.4	300.7	26600	5.3%	1962500	262793	51.9%	0	0	0.0%	102000	217192	42.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
236	Stage 3	NW4	2202	5	Whole Building	Residential (Multi)	New Build (Brownfield)	7	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	707826	803003	837613	682664	321.4	364.7	380.4	310.0	35000	4.4%	2583493	350360	43.6%	0	0	0.0%	196138	417643	52.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
237	Stage 4	OX17	140	1	Whole Building	Commercial	Full Refurb	1	No	None	Other	Other	Other	Other	4209	11827	12859	11609	30.1	84.5	91.8	82.9	7000	59.2%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	2325	3716	31.4%	1943	966	8.2%	195	145	1.2%
238	As-Built	OX11	240	1	Whole Building	Science/Lab	New Build (Greenfield)	1	No	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Other	Lightweight/SFS	79698	93060	97311	81184	332.1	387.7	405.5	338.3	7000	7.5%	283650	33500	36.0%	0	0	0.0%	8900	18951	20.4%	2950	9157	9.8%	15300	24451	26.3%	0	0	0.0%	0	0	0.0%
239	Stage 4	SW3	711	3	Whole Building	Residential (Single)	Full Refurb	3	No	Partial Footprint	Other	Suspended RC	Other	Other	61898	88689	95730	85747	87.1	124.7	134.6	120.6	21000	23.7%	266471	34907	39.4%	0	0	0.0%	6298	13410	15.1%	0	0	0.0%	9621	15375	17.3%	6261	2218	2.5%	1816	1779	2.0%
240	Stage 2	SE1	4663	13	Whole Building	Commercial	New Build (Brownfield)	17	No	Full Footprint	Raft	Suspended RC	Concrete (In-Situ)	Masonry/SFS	1299618	1497344	1553086	1260457	278.7	321.1	333.1	270.3	91000	6.1%	4108366	617606	41.2%	0	0	0.0%	370416	788739	52.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
241	Stage 2	NW6	31089	88	Whole Building	Residential (Multi)	New Build (Brownfield)	18	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	7718736	9019130	9477851	8086769	248.3	290.1	304.9	260.1	616000	6.8%	34752877	4653667	51.6%	0	0	0.0%	1760863	3749464	41.6%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
242	Stage 2	TW13	460	1.6	Whole Building	Residential (Multi)	New Build (Brownfield)	6	No	None	Piles (Pile Caps)	Ground Bearing RC	Concrete (In-Situ)	Masonry Only	200530	230253	241893	203240	435.9	500.5	525.9	441.8	11200	4.9%	922462	114016	49.5%	0	0	0.0%	38569	82127	35.7%	5017	15574	6.8%	4590	7336	3.2%	0	0	0.0%	0	0	0.0%
243	Stage 3	OX11	1600	3.5	Whole Building	Science/Lab	New Build (Brownfield)	2	No	None	Raft	Raft	Steel Frame/Composite	Lightweight/SFS	452823	510053	531104	427891	283.0	318.8	331.9	267.4	24500	4.8%	1198000	144773	28.4%	0	0	0.0%	70000	149053	29.2%	10700	33215	6.5%	99000	158213	31.0%	600	298	0.1%	0	0	0.0%
244	Stage 2	W2	12100	62	Whole Building	Commercial	New Build (Brownfield)	7	No	Extended Footprint	Piles (Pile Caps)	Suspended RC	Steel Frame/Timber	Glazed/Curtain Wall	2739485	3474926	3623215	3039437	226.4	287.2	299.4	251.2	434000	12.5%	8554565	1150436	33.1%	0	0	0.0%	342000	728232	21.0%	4000	12417	0.4%	440900	704609	20.3%	0	0	0.0%	736800	445234	12.8%
245	Stage 2	SE17	27395	61.2	Whole Building	Residential (Multi)	New Build (Brownfield)	25	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only	8013066	9130486	9548057	7854383	292.5	333.3	348.5	286.7	428400	4.7%	30894691	4137027	45.3%	0	0	0.0%	2143892	4565059	50.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
246	Stage 2	SE17	5200	9.8	Whole Building	Residential (Multi)	New Build (Brownfield)	6	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only	1366692	1555026	1632381	1369274	262.8	299.0	313.9	263.3	68600	4.4%	5804455	777259	50.0%	0	0	0.0%	333046	709167	45.6%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
247	Stage 2	SE17	13808	29.6	Whole Building	Residential (Multi)	New Build (Brownfield)	6	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only	4269423	4840320	5053431	4111302	309.2	350.5	366.0	297.7	207200	4.3%	15635767	2093745	43.3%	0	0	0.0%	1192569	2539376	52.5%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
248	Stage 2	SE17	21828	48.2	Whole Building	Residential (Multi)	New Build (Brownfield)	9	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only	6343410	7226176	7557049	6215271	290.6	331.1	346.2	284.7	337400	4.7%	24436327	3272205	45.3%	0	0	0.0%	1698453	3616571	50.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
249	Stage 2	SE17	21828	48.2	Whole Building	Residential (Multi)	New Build (Brownfield)	11	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only	1715475	2201849	2348389	2002830	78.6	100.9	107.6	91.8	337400	15.3%	6967839	933045	42.4%	0	0	0.0%	437416	931403	42.3%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
250	Stage 2	SE17	5221	13.3	Whole Building	Residential (Multi)	New Build (Brownfield)	11	No	Partial Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry Only	1462990	1684170	1765623	1482921	280.2	322.6	338.2	284.0	93100	5.5%	6191482	829085	49.2%	0	0	0.0%	357852	761985	45.2%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
251	Stage 2	SE17	6600	8	Structure Only	Residential (Multi)	New Build (Brownfield)	6	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Lightweight/SFS	1399301	1636742	1725863	1489601	212.0	248.0	261.5	225.7	112000	6.8%	6630946	887933	54.2%	0	0	0.0%	299065	636810	38.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
252	Stage 2	SE17	27262	15	Structure Only	Residential (Multi)	New Build (Brownfield)	20	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Lightweight/SFS	7429859	8305875	8752543	7497620	272.5	304.7	321.1	275.0	210000	2.5%	35199024	4713409	56.7%	0	0	0.0%	1588510	3382466	40.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
253	Stage 5	TS23	1577	4	Whole Building	Industrial	New Build (Brownfield)	3	No	None	Piles (Pile Caps)	Ground Bearing RC	Steel Frame/Composite	Lightweight Only	332950	385296	405094	366045	211.1	244.3	256.9	232.1	28000	7.3%	1411296	194070	50.4%	0	0	0.0%	5341	11373	3.0%	3823	11867	3.1%	87595	139987	36.3%	0	0	0.0%	0	0	0.0%
254	Stage 3	BN1	1297	3.75	Whole Building	Mixed Use	Mixed New Build/Refurb	4	No	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Timber	Masonry Only	247925	285337	294878	243023	191.2	220.0	227.4	187.4	26250	9.2%	260293	34871	12.2%	0	0	0.0%	12000	25552	9.0%	0	0	0.0%	124000	198166	69.4%	1000	497	0.2%	0	0	0.0%
255	Stage 5	SW18	21	0.035	Structure Only	Residential (Single)	Mixed New Build/Refurb	1	No	Full Footprint	Corbels	Timber	Other	Masonry Only	2387	3124	3381	3250	113.7	148.7	161.0	154.8	490	15.7%	18418	2280	73.0%	0	0	0.0%	166	353	11.3%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
256	Stage 3	N1	51	0.1	Whole Building	Residential (Single)	Mixed New Build/Refurb	1	No	None	Other	Other	Steel Frame/Timber	Lightweight Only	3156	4281	4849	3965	61.9	83.9	95.1	77.8	700	16.4%	100	14	0.3%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1478	2363	55.2%	847	300	7.0%	923	904	21.1%
257	Stage 5	NW6	37	0.1	Whole Building	Residential (Single)	New Build (Greenfield)	1	No	None	Reinforced Pads/Strips	Ground Bearing RC	Steel Frame/Timber	Glazed/Curtain Wall	5789	6961	7422	6530	156.5	188.1	200.6	176.5	700	10.1%	22937	2808	40.3%	0	0	0.0%	374	796	11.4%	0	0	0.0%	1573	2514	36.1%	287	143	2.0%	0	0	0.0%
258	Stage 2	W6	9453	20	Whole Building	Residential (Multi)	New Build (Brownfield)	9	No	Full Footprint	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	3190782	3611823	3780282	3266506	337.5	382.1	399.9	345.6	140000	3.9%	14550936	2087011	57.8%	0	0	0.0%	650350	1384812	38.3%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
259	Stage 3	NW3	212	0.4	Whole Building	Residential (Single)	Mixed New Build/Refurb	3	No	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Timber	Masonry Only	9784	13553	15019	13264	46.2	63.9	70.8	62.6	2800	20.7%	37422	3840	28.3%	0	0	0.0%	636	1354	10.0%	0	0	0.0%	2923	4671	34.5%	596	296	2.2%	604	592	4.4%
260	Stage 3	OX4	75	1.1	Whole Building	Educational	Mixed New Build/Refurb	2	No	None	Piled Ground Beams	Suspended RC	Steel Frame/Timber	Timber Only	34199	50305	58315	46726	456.0	670.7	777.5	623.0	7700	15.3%	54493	7297	14.5%	0	0	0.0%	2535	5398	10.7%	0	0	0.0%	9540	15246	30.3%	29500	14664	29.2%	0	0	0.0%
261	Stage 3	TW8	21000	85	Whole Building	Residential (Multi)	New Build (Brownfield)	7	Yes	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	5802412	6916482	7287204	6317423	276.3	329.4	347.0	300.8	595000	8.6%	28256075	3588179	51.9%	0	0	0.0%	1147336	2443061	35.3%	0	0	0.0%	174474	278830	4.0%	0	0	0.0%	18900	11411	0.2%
262	Stage 3	TW8	240	1	Whole Building	Mixed Use	New Build (Brownfield)	1	Yes	None	Piled Ground Beams	Suspended RC	Steel Frame/Timber	Other	199716	227523	242805	217304	832.1	948.0	1011.7	905.4	7000	3.1%	1257960	141573	62.2%	0	0	0.0%	22106	47071	20.7%	0	0	0.0%	14469	23124	10.2%	0	0	0.0%	14501	8755	3.8%
263	Stage 4	DE24	1000	1.6	Whole Building	Industrial	New Build (Brownfield)	3	No	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Other	Lightweight Only	209727	238681	252962	226803	209.7	238.7	253.0	226.8	11200	4.7%	961363	128734	53.9%	0	0	0.0%	1552	3305	1.4%	6307	19578	8.2%	46141	73739	30.9%	4274	2125	0.9%	0	0	0.0%
264	Stage 3	CB2	750	4.5	Whole Building	Educational	New Build (Brownfield)	3	No	None	Reinforced Pads/Strips	Ground Bearing RC	Timber Frame (Glulam/CLT)	Timber/SFS	92151	144058	154340	125723	122.9	192.1	205.8	167.6	31500	21.9%	259894	31098	21.6%	0	0	0.0%	10393	22130	15.4%	0	0	0.0%	268	428	0.3%	212	105	0.1%	94281	58796	40.8%
265	Stage 5	RG20	195	0.5	Whole Building	Commercial	Mixed New Build/Refurb	1	No	None	Reinforced Pads/Strips	Other	Steel Frame/Timber	Masonry Only	37018	43283	46172	41976	189.8	222.0	236.8	215.3	3500	8.1%	160965	21554	49.8%	0	0	0.0%	3	7	0.0%	0	0	0.0%	10900	17419	40.2%	2268	803	1.9%	0	0	0.0%
266	Stage 3	OX49	175	0.5	Whole Building	Residential (Single)	New Build (Greenfield)	2	No	None	Mass Pads/Strips	Ground Bearing RC	Steel Frame/Composite	Timber Only	60563	70649	77194	63355	346.1	403.7	441.1	362.0	3500	5.0%	231140	30951	43.8%	0	0	0.0%	8015	17067	24.2%	2420	7512	10.6%	3630	5801	8.2%	14319	5072	7.2%	0	0	0.0%
267	Stage 2	OX2	1416	13	Whole Building	Educational	New Build (Brownfield)	6	Yes	Full Footprint	Piles (Pile Caps)	Ground Bearing RC	Timber Frame (Glulam/CLT)	Masonry Only	232317	371450	386369	312176	164.1	262.3	272.9	220.5	91000	24.5%	559371	71553	19.3%	0	0	0.0%	28896	61529	16.6%	1000	4729	1.3%	5796	9263	2.5%	0	0	0.0%	220902	133376	35.9%
268	Stage 3	PE21	3037	17.5	Whole Building	Healthcare	New Build (Brownfield)	2	No	None	Piles (Pile Caps)	Ground Bearing RC	Concrete (Precast)	Masonry/SFS	799374	985558	1027869	878153	263.2	324.5	338.4	289.2	122500	12.4%	2993766	400789	40.7%	0	0	0.0%	143307	305148	31.0%	4663	14475	1.5%	89259	142646	14.5%	0	0	0.0%	0	0	0.0%
269	Stage 3	CV11	272	3.2	Whole Building	Cultural/Public	New Build (Brownfield)	1	No	None	Piled Ground Beams	Ground Bearing RC	Other	Other	154521	190597	199719	176658	568.1	700.7	734.3	649.5	22400	11.8%	785280	100533	52.7%	0	0	0.0%	25650	54617	28.7%	33	102	0.1%	8100	12945	6.8%	0	0	0.0%	0	0	0.0%
270	Stage 3	GU22	328	2.5	Whole Building	Educational	Mixed New Build/Refurb	3	No	None	Mass Pads/Strips	Suspended Precast	Timber Frame (Glulam/CLT)	Masonry/SFS	56111	87974	95808	90219	171.1	268.2	292.1	275.1	17500	19.9%	269736	39311	44.7%	0	0	0.0%	564	1201	1.4%	0	0	0.0%	886	1415	1.6%	0	0	0.0%	40373	28547	32.4%
271	Stage 2	HP1	3039	7.6	Whole Building	Educational	New Build (Greenfield)	3	No	None	Mass Pads/Strips	Ground Bearing RC	Timber Frame (Glulam/CLT)	Masonry Only	368464	512823	556718	455951	121.2	168.7	183.2	150.0	53200	10.4%	1434410	168039	32.8%	0	0	0.0%	6499	13858	2.7%	0	0	0.0%	6150	9829	1.9%	3969	1973	0.4%	431110	265944	51.9%
272	Stage 2	KT13	23	0.3	Whole Building	Residential (Single)	New Build (Brownfield)	2	No	None	Piles (Pile Caps)	Other	Steel Frame/Timber	Timber/SFS	5055	7604	7939	6886	219.8	330.6	345.2	299.4	2100	27.6%	12420	1663	21.9%	0	0	0.0%	621	1322	17.4%	0	0	0.0%	1322	2113	27.8%	225	112	1.5%	300	294	3.9%
273	Stage 2	SE15	2994	7.5	Whole Building	Residential (Multi)	New Build (Brownfield)	7	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/SFS	637460	745603	783426	660004	212.9	249.0	261.7	220.4	52500	7.0%	2682995	359273	48.2%	0	0	0.0%	155495	331101	44.4%	0	0	0.0%	1708	2730	0.4%	0	0	0.0%	0	0	0.0%
274	Stage 2	SE15	3146	8	Whole Building	Residential (Multi)	New Build (Brownfield)	6	No	None	Piles (Pile Caps)	Suspended RC	Concrete (In-Situ)	Masonry/Stone	786221	910766	955134	799874	249.9	289.5	303.6	254.3	56000	6.1%	3258101	436284	47.9%	0	0	0.0%	196532	418482	45.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
275	Stage 2	SE15	4940	8	Whole Building	Residential (Multi)	New Build (Brownfield)	5	No	None	Piles (Pile Caps)	Ground Bearing RC	Concrete (In-Situ)	Masonry/Stone	1731479	1938806	2030487	1692893	350.5	392.5	411.0	342.7	56000	2.9%	7265239	972869	50.2%	0	0	0.0%	427334	909936	46.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%