



7359 Owen Street - Manchester

7359-Z1-SHP-G100-Sc-XX-001

04.03.2019

Rev: F1 : Final Issue for Completion of Tower D

Schedule of FFLs and SSLs

LEVELS	Floor HEIGHT (mm)
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TOWER A		
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GF	4450
MEZZANINE	3000
LEVEL 01	2850
LEVEL 02	2850
LEVEL 03	2850
LEVEL 04	2850
LEVEL 05	2850
LEVEL 06	2850
LEVEL 07	2850
LEVEL 08	2850
LEVEL 09	2850
LEVEL 10	2850
LEVEL 11	2850
LEVEL 12	2850
LEVEL 13	2850
LEVEL 14	2850
LEVEL 15	2850
LEVEL 16	2850
LEVEL 17	2850
LEVEL 18	2850
LEVEL 19	2850
LEVEL 20	2850
LEVEL 21	2850
LEVEL 22	2850
LEVEL 23	2850
LEVEL 24	2850
LEVEL 25	2850
LEVEL 26	2850
LEVEL 27	2850
LEVEL 28	2850
LEVEL 29	2850
LEVEL 30	2850
LEVEL 31	2850
LEVEL 32	2850
LEVEL 33	2850
LEVEL 34	2850
LEVEL 35	2850
LEVEL 36	2850
LEVEL 37	2850
LEVEL 38	2850
LEVEL 39	2850
LEVEL 40	2850
LEVEL 41	2850
LEVEL 42	2850
LEVEL 43	2850
LEVEL 44	2850
LEVEL 45	2850
LEVEL 46	2850
LEVEL 47	2850
LEVEL 48	2850
LEVEL 49	2850
LEVEL 50	2850
LEVEL 51	2850
LEVEL 52	2850
LEVEL 53	2850
LEVEL 54	2850
LEVEL 55	2850
LEVEL 56	2850
LEVEL 57	2850
LEVEL 58	2850
LEVEL 59	2850
LEVEL 60	3050
LEVEL 61	3050
LEVEL 62	3050
LEVEL 63	3050
LEVEL 64	3250
LEVEL 65	3250
LEVEL 66 (Roof)	

FFL Levels	FF Zone	SSL Levels
32200	200	32000
36650	20	36630
39650	20	39630
42500	20	42480
45350	20	45330
48200	20	48180
51050	20	51030
53900	20	53880
56750	20	56730
59600	20	59580
62450	20	62430
65300	20	65280
68150	20	68130
71000	20	70980
73850	20	73830
76700	20	76680
79550	20	79530
82400	20	82380
85250	20	85230
88100	20	88080
90950	20	90930
93800	20	93780
96650	20	96630
99500	20	99480
102350	20	102330
105200	20	105180
108050	20	108030
110900	20	110880
113750	20	113730
116600	20	116580
119450	20	119430
122300	20	122280
125150	20	125130
128000	20	127980
130850	20	130830
133700	20	133680
136550	20	136530
139400	20	139380
142250	20	142230
145100	20	145080
147950	20	147930
150800	20	150780
153650	20	153630
156500	20	156480
159350	20	159330
162200	20	162180
165050	20	165030
167900	20	167880
170750	20	170730
173600	20	173580
176450	20	176430
179300	20	179280
182150	20	182130
185000	20	184980
187850	20	187830
190700	20	190680
193550	20	193530
196400	20	196380
199250	20	199230
202100	20	202080
204950	20	204930
207800	20	207780
210650	20	210630
213500	20	213480
216350	20	216330
219200	20	219180
222050	20	222030
224900	20	224880
TBC		

APARTMENT CEILINGS (LIVING ROOMS)	
Ceiling Height above FFL	FCL Levels
2530	39180
2380	42030
2380	44880
2380	47730
2380	50580
2380	53430
2380	56280
2380	59130
2380	61980
2380	64830
2380	67680
2380	70530
2380	73380
2380	76230
2380	79080
2380	81930
2380	84780
2380	87630
2380	90480
2380	93330
2380	96180
2380	99030
2380	101880
2380	104730
2380	107580
2380	110430
2380	113280
2380	116130
2380	118980
2380	121830
2380	124680
2380	127530
2380	130380
2380	133230
2380	136080
2380	138930
2380	141780
2380	144630
2380	147480
2380	150330
2380	153180
2380	156030
2380	158880
2380	161730
2380	164580
2380	167430
2380	170280
2380	173130
2380	175980
2380	178830
2380	181680
2380	184530
2380	187380
2380	190230
2380	193080
2380	195930
2380	198780
2380	201630
2380	204480
2380	207330
2580	210380
2580	213230
2580	216080
2580	218930
2580	221780
2580	224630

See Z2-Podium levels for other levels

Varies to fall. Buildup and FRL to be determined

Level 66 ROOF screen height	3500
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Building Height/apex (AOD) =	230000
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LEVELS	Floor HEIGHT (mm)
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GF	4450
MEZZANINE	3000
LEVEL 01	2850
LEVEL 02	2850
LEVEL 03	2850
LEVEL 04	2850
LEVEL 05	2850
LEVEL 06	2850
LEVEL 07	2850
LEVEL 08	2850
LEVEL 09	2850
LEVEL 10	2850
LEVEL 11	2850
LEVEL 12	2850
LEVEL 13	2850
LEVEL 14	2850
LEVEL 15	2850
LEVEL 16	2850
LEVEL 17	2850
LEVEL 18	2850
LEVEL 19	2850
LEVEL 20	2850
LEVEL 21	2850
LEVEL 22	2850
LEVEL 23	2850
LEVEL 24	2850
LEVEL 25	2850
LEVEL 26	2850
LEVEL 27	2850
LEVEL 28	2850
LEVEL 29	2850
LEVEL 30	2850
LEVEL 31	2850
LEVEL 32	2850
LEVEL 33	2850
LEVEL 34	2850
LEVEL 35	2850
LEVEL 36	2850
LEVEL 37	2850
LEVEL 38	2850
LEVEL 39	2850
LEVEL 40	2850
LEVEL 41	2850
LEVEL 42	2850
LEVEL 43	2850
LEVEL 44	2850
LEVEL 45	2850
LEVEL 46	2850
LEVEL 47	3050
LEVEL 48	3050
LEVEL 49	3050
LEVEL 50	3250
LEVEL 51	3250
LEVEL 52 (Roof)	

Level 52 ROOF screen height	3500
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Building Height/apex (AOD) =	189900
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TOWER B		
FFL Levels	FF Zone	SSL Levels
32200	200	32000
36650	20	36630
39650	20	39630
42500	20	42480
45350	20	45330
48200	20	48180
51050	20	51030
53900	20	53880
56750	20	56730
59600	20	59580
62450	20	62430
65300	20	65280
68150	20	68130
71000	20	70980
73850	20	73830
76700	20	76680
79550	20	79530
82400	20	82380
85250	20	85230
88100	20	88080
90950	20	90930
93800	20	93780
96650	20	96630
99500	20	99480
102350	20	102330
105200	20	105180
108050	20	108030
110900	20	110880
113750	20	113730
116600	20	116580
119450	20	119430
122300	20	122280
125150	20	125130
128000	20	127980
130850	20	130830
133700	20	133680
136550	20	136530
139400	20	139380
142250	20	142230
145100	20	145080
147950	20	147930
150800	20	150780
153650	20	153630
156500	20	156480
159350	20	159330
162200	20	162180
165050	20	165030
167900	20	167880
170750	20	170730
173800	20	173780
176850	20	176830
179900	20	179880
183150	20	183130
TBC		

APARTMENT CEILINGS (LIVING ROOMS)	
Ceiling Height above FFL	FCL Levels
2530	39180
2380	42030
2380	44880
2380	47730
2380	50580
2380	53430
2380	56280
2380	59130
2380	61980
2380	64830
2380	67680
2380	70530
2380	73380
2380	76230
2380	79080
2380	81930
2380	84780
2380	87630
2380	90480
2380	93330
2380	96180
2380	99030
2380	101880
2380	104730
2380	107580
2380	110430
2380	113280
2380	116130
2380	118980
2380	121830
2380	124680
2380	127530
2380	130380
2380	133230
2380	136080
2380	138930
2380	141780
2380	144630
2380	147480
2380	150330
2380	153180
2380	156030
2380	158880
2380	161730
2380	164580
2380	167430
2380	170280
2580	173330
2580	176380
2580	179430
2580	182480
2580	185730

LEVELS	Floor HEIGHT (mm)
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GF	4450
MEZZANINE	3375
LEVEL 01	3375
LEVEL 02	2850
LEVEL 03	2850
LEVEL 04	2850
LEVEL 05	2850
LEVEL 06	2850
LEVEL 07	2850
LEVEL 08	2850
LEVEL 09	2850
LEVEL 10	2850
LEVEL 11	2850
LEVEL 12	2850
LEVEL 13	2850
LEVEL 14	2850
LEVEL 15	2850
LEVEL 16	2850
LEVEL 17	2850
LEVEL 18	2850
LEVEL 19	2850
LEVEL 20	2850
LEVEL 21	2850
LEVEL 22	2850
LEVEL 23	2850
LEVEL 24	2850
LEVEL 25	2850
LEVEL 26	2850
LEVEL 27	2850
LEVEL 28	2850
LEVEL 29	2850
LEVEL 30	2850
LEVEL 31	2850
LEVEL 32	2850
LEVEL 33	2850
LEVEL 34	2850
LEVEL 35	3050
LEVEL 36	3050
LEVEL 37	3250
LEVEL 38	3250
LEVEL 39 (ROOF)	

Level 39 ROOF screen height	3500
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Building Height/apex (AOD) =	153550
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TOWER C		
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FFL Levels	FF Zone	SSL Levels
32200	200	32000
36650	150	36500
40025	20	40005
43400	20	43380
46250	20	46230
49100	20	49080
51950	20	51930
54800	20	54780
57650	20	57630
60500	20	60480
63350	20	63330
66200	20	66180
69050	20	69030
71900	20	71880
74750	20	74730
77600	20	77580
80450	20	80430
83300	20	83280
86150	20	86130
89000	20	88980
91850	20	91830
94700	20	94680
97550	20	97530
100400	20	100380
103250	20	103230
106100	20	106080
108950	20	108930
111800	20	111780
114650	20	114630
117500	20	117480
120350	20	120330
123200	20	123180
126050	20	126030
128900	20	128880
131750	20	131730
134600	20	134580
137450	20	137430
140500	20	140480
143550	20	143530
146800	20	146780
TBC		

APARTMENT CEILINGS (LIVING ROOMS)	
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Ceiling Height above FFL	FCL Levels
2530	39180
2380	42405
2380	45780
2380	48630
2380	51480
2380	54330
2380	57180
2380	60030
2380	62880
2380	65730
2380	68580
2380	71430
2380	74280
2380	77130
2380	79980
2380	82830
2380	85680
2380	88530
2380	91380
2380	94230
2380	97080
2380	99930
2380	102780
2380	105630
2380	108480
2380	111330
2380	114180
2380	117030
2380	119880
2380	122730
2380	125580
2380	128430
2380	131280
2380	134130
2380	136980
2580	140030
2580	143080
2580	146130
2580	149380

See **BE** levels for Leisure facilities within the tower footprint

Varies to fall

LEVELS	Floor HEIGHT (mm)
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LGF	3100
GF	4450
MEZZANINE	2850
LEVEL 01	2850
LEVEL 02	2850
LEVEL 03	2850
LEVEL 04	2850
LEVEL 05	2850
LEVEL 06	2850
LEVEL 07	2850
LEVEL 08	2850
LEVEL 09	2850
LEVEL 10	2850
LEVEL 11	2850
LEVEL 12	2850
LEVEL 13	2850
LEVEL 14	2850
LEVEL 15	2850
LEVEL 16	2850
LEVEL 17	2850
LEVEL 18	2850
LEVEL 19	2850
LEVEL 20	2850
LEVEL 21	2850
LEVEL 22	2850
LEVEL 23	2850
LEVEL 24	2850
LEVEL 25	2850
LEVEL 26	2850
LEVEL 27	2850
LEVEL 28	2850
LEVEL 29	2850
LEVEL 30	2850
LEVEL 31	2850
LEVEL 32	2850
LEVEL 33	2850
LEVEL 34	2850
LEVEL 35	2850
LEVEL 36	2850
LEVEL 37	2850
LEVEL 38	2850
LEVEL 39	2850
LEVEL 40	2850
LEVEL 41	2850
LEVEL 42	3050
LEVEL 43	3050
LEVEL 44	3250
LEVEL 45	3250
LEVEL 46 (ROOF)	

TOWER D		
FFL Levels	FF Zone	SSL Levels
29100	200	28900
32200	200	32000
36650	20	36630
39500	20	39480
42350	20	42330
45200	20	45180
48050	20	48030
50900	20	50880
53750	20	53730
56600	20	56580
59450	20	59430
62300	20	62280
65150	20	65130
68000	20	67980
70850	20	70830
73700	20	73680
76550	20	76530
79400	20	79380
82250	20	82230
85100	20	85080
87950	20	87930
90800	20	90780
93650	20	93630
96500	20	96480
99350	20	99330
102200	20	102180
105050	20	105030
107900	20	107880
110750	20	110730
113600	20	113580
116450	20	116430
119300	20	119280
122150	20	122130
125000	20	124980
127850	20	127830
130700	20	130680
133550	20	133530
136400	20	136380
139250	20	139230
142100	20	142080
144950	20	144930
147800	20	147780
150650	20	150630
153500	20	153480
156350	20	156330
159400	20	159380
162450	20	162430
165700	20	165680
TBC		

APARTMENT CEILINGS (LIVING ROOMS)	
Ceiling Height above FFL	FCL Levels
2380	39030
2380	41880
2380	44730
2380	47580
2380	50430
2380	53280
2380	56130
2380	58980
2380	61830
2380	64680
2380	67530
2380	70380
2380	73230
2380	76080
2380	78930
2380	81780
2380	84630
2380	87480
2380	90330
2380	93180
2380	96030
2380	98880
2380	101730
2380	104580
2380	107430
2380	110280
2380	113130
2380	115980
2380	118830
2380	121680
2380	124530
2380	127380
2380	130230
2380	133080
2380	135930
2380	138780
2380	141630
2380	144480
2380	147330
2380	150180
2380	153030
2380	155880
2580	158930
2580	161980
2580	165030
2580	168280

Level 46 ROOF screen height	3500
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Building Height/apex (AOD) =	172450
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LEVELS	Floor HEIGHT (mm)
GF	4450
MEZZANINE	3375
LEVEL 01	3375
LEVEL 02	2850
LEVEL 03 (Roof)	1650
LEVEL 04 (upper Roof)	0

Level 04 balustrade height	1200
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Building Height/apex (AOD) =	49100
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BUILDING E		
FFL Levels	FF Zone	SSL Levels
32200	200	32000
36650	20/100	36550/36630
40025	20/90/150	39935/39875/40005
43400	20	43400
46250	400	Varies to fall
47900	400	Varies to fall

LEVELS	Floor HEIGHT (mm)	Z2 - PODIUM		
		FFL Levels	FF Zone	SSL Levels
GF	3250	32200	200	32000
MEZZANINE	4010	35450	200	35250
LEVEL 01 (ROOF)		39460	360	39100

GF BIN STORE

FFL Levels	FF Zone	SSL Levels
32350	350	32000

GF TX Room - lower portion of slab

FFL Levels	FF Zone	SSL Levels
n/a	0	31450

GF TX Rooms - upper portions of slab at external ground level

	FFL Levels	FF Zone	SSL Levels
TX1	32628	0	32628
TX2	32761	0	32761
TX3	32844	0	32844

MZ Switch Rooms

FFL Levels	FF Zone	SSL Levels
35782	0	35782

LEVELS	Floor HEIGHT (mm)
B2	2800
B1	2700
LG	

Basement		
FFL Levels	FF Zone	SSL Levels
23550	0	23550
26350	0	26350
29050	0	29050

2650 at lift lobbies and stairs to allow for potential future flood measures