

WITH TREES WITHOUT LEAF

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/263	ASSUMED_LKD_PCD	W3/263	37.41	37.34	0.07	0.19
R1/263	ASSUMED_LKD_PCD	W4/263	37.77	37.17	0.60	1.59
R1/263	ASSUMED_LKD_PCD	W5/263	38.10	36.53	1.57	4.12
R1/263	ASSUMED_LKD_PCD	W6/263	38.35	35.53	2.82	7.35
R1/263	ASSUMED_LKD_PCD	W7/263	38.62	34.71	3.91	10.12
R1/263	ASSUMED_LKD_PCD	W8/263	33.32	29.28	4.04	12.12
R1/263	ASSUMED_LKD_PCD	W9/263	34.76	30.36	4.40	12.66
R1/263	ASSUMED_LKD_PCD	W10/263	37.72	33.08	4.64	12.30
R2/263	BEDROOM	W11/263	38.27	33.35	4.92	12.86
R2/263	BEDROOM	W12/263	10.15	8.72	1.43	14.09
R2/263	BEDROOM	W13/263	17.45	12.66	4.79	27.45
R3/263	LKD	W14/263	17.08	13.59	3.49	20.43
R3/263	LKD	W15/263	9.71	9.40	0.31	3.19
R3/263	LKD	W16/263	37.79	32.46	5.33	14.10
R4/263	LKD	W17/263	33.92	28.59	5.33	15.71
R4/263	LKD	W18/263	32.87	29.96	2.91	8.85
R4/263	LKD	W19/263	38.18	32.41	5.77	15.11
R4/263	LKD	W20/263	38.32	33.09	5.23	13.65
R4/263	LKD	W21/263	38.63	34.30	4.33	11.21
R4/263	LKD	W22/263	38.82	35.95	2.87	7.39
R4/263	LKD	W23/263	38.76	37.26	1.50	3.87
R4/263	LKD	W24/263	32.64	32.64	0.00	0.00
R4/263	LKD	W25/263	35.80	35.65	0.15	0.42
R4/263	LKD	W26/263	37.93	37.47	0.46	1.21
R5/263	BEDROOM	W27/263	38.28	37.80	0.48	1.25
R6/263	BEDROOM	W28/263	38.43	38.02	0.41	1.07
R1/264	BEDROOM	W1/264	33.76	33.75	0.01	0.03
R1/264	BEDROOM	W2/264	33.28	30.32	2.96	8.89
R2/264	LKD	W3/264	37.99	34.36	3.63	9.56
R2/264	LKD	W4/264	28.47	24.93	3.54	12.43
R2/264	LKD	W5/264	22.43	19.55	2.88	12.84
R2/264	LKD	W6/264	24.85	22.92	1.93	7.77
R2/264	LKD	W7/264	16.20	16.12	0.08	0.49
R2/264	LKD	W8/264	31.12	30.31	0.81	2.60
R2/264	LKD	W9/264	36.41	34.38	2.03	5.58
R2/264	LKD	W10/264	38.13	34.83	3.30	8.65
R2/264	LKD	W11/264	38.60	34.47	4.13	10.70

WITH TREES WITHOUT LEAF

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R2/264	LKD	W12/264	38.90	34.45	4.45	11.44
R2/264	LKD	W13/264	38.89	34.86	4.03	10.36
R2/264	LKD	W14/264	38.87	35.66	3.21	8.26
R2/264	LKD	W15/264	38.81	36.72	2.09	5.39
R2/264	LKD	W16/264	38.69	37.61	1.08	2.79
R2/264	LKD	W17/264	37.97	37.68	0.29	0.76
R2/264	LKD	W18/264	37.22	37.22	0.00	0.00
R2/264	LKD	W19/264	35.46	35.46	0.00	0.00
R2/264	LKD	W20/264	30.46	30.46	0.00	0.00
R2/264	LKD	W21/264	16.59	16.59	0.00	0.00
R2/264	LKD	W22/264	24.55	24.55	0.00	0.00
R2/264	LKD	W23/264	22.64	22.64	0.00	0.00
R2/264	LKD	W24/264	28.27	28.24	0.03	0.11
R2/264	LKD	W25/264	12.61	11.73	0.88	6.98
R2/264	LKD	W26/264	17.98	17.92	0.06	0.33
R2/264	LKD	W27/264	30.16	29.48	0.68	2.25
R2/264	LKD	W28/264	32.67	30.95	1.72	5.26
R2/264	LKD	W29/264	33.31	30.49	2.82	8.47
R2/264	LKD	W30/264	33.29	29.75	3.54	10.63
R2/264	LKD	W31/264	33.17	29.51	3.66	11.03
R2/264	LKD	W32/264	32.69	29.37	3.32	10.16
R2/264	LKD	W33/264	32.14	29.50	2.64	8.21
R2/264	LKD	W34/264	31.57	29.86	1.71	5.42
R2/264	LKD	W35/264	31.03	30.15	0.88	2.84
R2/264	LKD	W36/264	30.08	29.83	0.25	0.83
R2/264	LKD	W37/264	29.44	29.44	0.00	0.00
R2/264	LKD	W38/264	28.91	28.91	0.00	0.00
R2/264	LKD	W39/264	26.87	26.87	0.00	0.00
R2/264	LKD	W40/264	16.93	16.93	0.00	0.00
R2/264	LKD	W41/264	12.62	12.62	0.00	0.00
R3/264	ASSUMED_PCD	W42/264	37.98	37.64	0.34	0.90
R3/264	ASSUMED_PCD	W43/264	31.26	31.26	0.00	0.00

FORMER KEW BIOTHANE PLANT DAYLIGHT DISTRIBUTION ANALYSIS
LONDON Existing_trees vs PROPOSED SCHEME DATED 090418
WITH TREES_WITHOUT_LEAF

AUG 2018

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
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13 WOODMAN MEWS

R1/10	ASSUMED_KD	207.2	203.6	159.8	43.7	21.5
R1/11	ASSUMED_DINING	209.3	207.3	184.8	22.5	10.9
R1/12	ASSUMED_BEDROOM	209.3	207.3	193.0	14.3	6.9
R1/13	ASSUMED_BEDROOM	102.7	100.0	93.6	6.4	6.4
R2/13	ASSUMED_BEDROOM	102.7	100.8	95.5	5.4	5.4

11 WOODMAN MEWS

R2/10	KD	207.2	200.5	163.4	37.1	18.5
R2/11	DINING	209.3	202.4	184.6	17.8	8.8
R2/12	BEDROOM	209.3	202.9	192.5	10.4	5.1
R3/13	BEDROOM	102.7	99.9	95.8	4.1	4.1
R4/13	BEDROOM	102.7	100.3	96.3	4.0	4.0

9 WOODMAN MEWS

R3/10	ASSUMED_KD	207.2	198.4	128.9	69.5	35.0
R3/11	ASSUMED_DINING	209.3	204.3	176.4	27.9	13.7
R3/12	ASSUMED_BEDROOM	209.3	205.8	192.1	13.7	6.7
R5/13	ASSUMED_BEDROOM	102.7	100.1	94.1	6.0	6.0
R6/13	ASSUMED_BEDROOM	102.7	100.8	93.6	7.2	7.1

1-43 SAFFRON HOUSE

R1/20	ASSUMED	155.3	152.0	44.1	107.9	71.0
R2/20	ASSUMED	141.0	140.6	71.6	68.9	49.0
R3/20	ASSUMED	173.2	170.5	98.4	72.1	42.3
R4/20	ASSUMED	140.2	139.8	101.8	38.1	27.3
R5/20	ASSUMED	153.1	151.7	127.8	24.0	15.8
R6/20	ASSUMED	151.2	149.0	140.2	8.9	6.0
R7/20	ASSUMED	151.3	150.0	149.8	0.2	0.1
R8/20	ASSUMED	152.4	151.0	151.0	0.0	0.0
R9/20	ASSUMED	140.6	140.4	140.4	0.0	0.0
R10/20	ASSUMED	170.3	161.0	161.0	0.0	0.0
R11/20	ASSUMED	140.6	134.2	134.2	0.0	0.0
R12/20	ASSUMED	159.8	155.0	155.0	0.0	0.0
R1/21	ASSUMED	155.3	153.0	66.6	86.4	56.5
R2/21	ASSUMED	141.0	140.6	85.2	55.4	39.4
R3/21	ASSUMED	173.2	170.5	111.6	58.9	34.5
R4/21	ASSUMED	140.2	139.8	106.8	33.1	23.7
R5/21	ASSUMED	153.1	151.9	133.5	18.4	12.1
R6/21	ASSUMED	151.2	149.2	145.0	4.2	2.8
R7/21	ASSUMED	151.3	150.0	150.0	0.0	0.0
R8/21	ASSUMED	152.4	151.1	151.1	0.0	0.0
R9/21	ASSUMED	140.6	140.4	140.4	0.0	0.0
R10/21	ASSUMED	170.3	167.7	167.7	0.0	0.0
R11/21	ASSUMED	140.6	140.4	140.4	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R12/21	ASSUMED	159.8	158.8	158.8	0.0	0.0
R1/22	ASSUMED	155.3	154.4	94.2	60.2	39.0
R2/22	ASSUMED	141.0	140.6	100.1	40.5	28.8
R3/22	ASSUMED	173.2	170.5	143.9	26.6	15.6
R4/22	ASSUMED	140.2	140.0	124.9	15.0	10.7
R5/22	ASSUMED	153.1	151.9	149.9	1.9	1.3
R6/22	ASSUMED	151.2	149.2	149.1	0.0	0.0
R7/22	ASSUMED	151.3	150.0	150.0	0.0	0.0
R8/22	ASSUMED	152.4	151.1	151.1	0.0	0.0
R9/22	ASSUMED	140.6	140.4	140.4	0.0	0.0
R10/22	ASSUMED	170.3	167.7	167.7	0.0	0.0
R11/22	ASSUMED	140.6	140.4	140.4	0.0	0.0
R12/22	ASSUMED	159.8	158.8	158.8	0.0	0.0
R1/23	ASSUMED	144.8	144.1	144.1	0.0	0.0
R2/23	ASSUMED	160.5	160.5	160.2	0.3	0.2
R3/23	ASSUMED	141.0	141.0	141.0	0.0	0.0
R4/23	ASSUMED	140.2	140.2	136.4	3.8	2.7
R5/23	ASSUMED	148.7	148.5	148.5	0.0	0.0
R6/23	ASSUMED	166.2	166.0	166.0	0.0	0.0
R8/23	ASSUMED	166.3	166.2	166.2	0.0	0.0
R9/23	ASSUMED	142.8	142.7	142.7	0.0	0.0
R10/23	ASSUMED	140.6	140.2	140.2	0.0	0.0
R11/23	ASSUMED	160.8	160.4	160.4	0.0	0.0
R12/23	ASSUMED	170.7	170.6	170.6	0.0	0.0
R13/23	ASSUMED	142.4	141.8	141.8	0.0	0.0

78 MELLISS AVENUE

R1/40	ASSUMED	149.2	148.1	144.7	3.4	2.3
R1/41	ASSUMED_PCD	195.3	192.0	191.9	0.1	0.1
R1/42	ASSUMED	195.3	192.0	192.0	0.0	0.0

76 MELLISS AVENUE

R1/50	ASSUMED	193.8	191.1	166.0	25.1	13.1
R1/51	ASSUMED_PCD	181.5	179.5	171.9	7.5	4.2
R1/52	ASSUMED	181.5	179.5	175.3	4.2	2.3

74 MELLISS AVENUE

R1/60	ASSUMED	193.8	191.4	153.7	37.7	19.7
R1/61	ASSUMED_PCD	181.7	179.7	159.6	20.2	11.2
R1/62	ASSUMED	181.7	179.7	164.1	15.6	8.7

72 MELLISS AVENUE

R1/70	ASSUMED	193.7	191.7	134.2	57.5	30.0
R1/71	ASSUMED_PCD	181.2	179.2	152.7	26.5	14.8

FORMER KEW BIOTHANE PLANT DAYLIGHT DISTRIBUTION ANALYSIS
LONDON Existing_trees vs PROPOSED SCHEME DATED 090418
WITH TREES_WITHOUT_LEAF

AUG 2018

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R1/72	ASSUMED	181.2	179.2	161.2	18.0	10.0
70 MELLISS AVENUE						
R1/80	ASSUMED	193.5	191.2	113.7	77.5	40.5
R1/81	ASSUMED_PCD	179.8	177.8	129.5	48.3	27.2
R1/82	ASSUMED	179.8	177.8	141.0	36.8	20.7
68 MELLISS AVENUE						
R1/90	ASSUMED	149.2	148.6	61.5	87.1	58.6
R1/91	ASSUMED_PCD	176.0	174.2	116.8	57.4	33.0
R1/92	ASSUMED	176.0	174.1	131.8	42.4	24.4
66 MELLISS AVENUE						
R1/100	ASSUMED	147.7	147.1	52.5	94.5	64.2
R1/101	ASSUMED_PCD	176.5	174.2	117.3	56.9	32.7
R1/102	ASSUMED_PCD	176.5	174.2	133.6	40.6	23.3
64 MELLISS AVENUE						
R1/110	ASSUMED	193.4	191.4	82.7	108.7	56.8
R1/111	ASSUMED_PCD	180.8	178.7	101.6	77.1	43.1
R1/112	ASSUMED_PCD	180.8	178.7	119.6	59.2	33.1
62 MELLISS AVENUE						
R1/120	ASSUMED	193.4	191.7	82.4	109.3	57.0
R1/121	ASSUMED_PCD	180.8	178.7	101.4	77.4	43.3
R1/122	ASSUMED_PCD	180.8	178.7	118.9	59.8	33.5
60 MELLISS AVENUE						
R1/130	ASSUMED	193.4	191.4	82.2	109.2	57.1
R1/131	ASSUMED_PCD	180.8	178.7	101.4	77.4	43.3
R1/132	ASSUMED_PCD	180.8	178.7	119.0	59.7	33.4
58 MELLISS AVENUE						
R1/140	ASSUMED	193.4	191.2	81.1	110.1	57.6
R1/141	ASSUMED_PCD	180.8	178.7	101.7	77.0	43.1
R1/142	ASSUMED_PCD	180.8	178.7	120.0	58.7	32.8

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
56 MELLISS AVENUE						
R1/150	ASSUMED	148.3	147.7	53.4	94.3	63.8
R1/151	ASSUMED_PCD	176.4	174.5	103.7	70.9	40.6
R1/152	ASSUMED_PCD	176.4	174.5	119.5	55.1	31.6
54 MELLISS AVENUE						
R1/160	ASSUMED	149.1	147.1	61.6	85.5	58.1
R1/161	ASSUMED	199.3	196.7	142.7	54.0	27.5
R1/162	ASSUMED	199.3	196.7	157.3	39.4	20.0
52 MELLISS AVENUE						
R1/170	ASSUMED	189.2	187.3	121.0	66.3	35.4
R1/171	ASSUMED	178.0	176.2	131.0	45.2	25.7
R1/172	ASSUMED	178.0	176.2	140.7	35.5	20.1
50 MELLISS AVENUE						
R1/180	ASSUMED	189.4	187.4	138.1	49.3	26.3
R1/181	ASSUMED	178.0	176.2	154.6	21.7	12.3
R1/182	ASSUMED	178.0	176.2	161.3	14.9	8.5
48 MELLISS AVENUE						
R1/190	ASSUMED	189.4	187.4	155.1	32.3	17.2
R1/191	ASSUMED	178.0	176.2	160.6	15.6	8.9
R1/192	ASSUMED_PCD	163.6	161.8	155.6	6.2	3.8
46 MELLISS AVENUE						
R1/200	ASSUMED	189.2	187.5	165.6	21.9	11.7
R1/201	ASSUMED	178.0	176.1	170.9	5.2	3.0
R1/202	ASSUMED	178.0	176.4	173.7	2.8	1.6
44 MELLISS AVENUE						
R1/210	ASSUMED_PCD	210.9	205.7	203.9	1.9	0.9
R1/211	ASSUMED_PCD	178.0	176.1	176.1	0.0	0.0
R1/212	ASSUMED_PCD	163.6	161.7	161.7	0.0	0.0
8-14 OAK HOUSE						
R1/220	ASSUMED	173.0	171.7	171.4	0.2	0.1

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R2/220	ASSUMED	112.8	110.9	110.9	0.0	0.0
R1/221	ASSUMED_PCD	125.1	123.7	123.7	0.0	0.0
R2/221	ASSUMED	112.8	110.9	110.9	0.0	0.0
R1/222	ASSUMED_PCD	125.1	123.9	123.9	0.0	0.0
R2/222	ASSUMED	112.8	110.9	110.9	0.0	0.0
R1/223	ASSUMED	290.4	227.5	223.8	3.8	1.7
R1/230	ASSUMED	112.4	110.4	110.4	0.0	0.0
R2/230	ASSUMED	178.5	176.5	176.5	0.0	0.0
R1/231	ASSUMED	112.4	110.5	110.5	0.0	0.0
R2/231	ASSUMED	178.5	176.9	176.9	0.0	0.0
R1/232	ASSUMED_PCD	99.5	97.5	97.5	0.0	0.0
R2/232	ASSUMED	178.5	176.9	176.9	0.0	0.0
R1/233		295.5	187.0	184.6	2.4	1.3

1-7 OAK HOUSE

R1/240	ASSUMED	177.4	165.5	165.5	0.0	0.0
R2/240	ASSUMED	112.5	97.8	97.8	0.0	0.0
R1/241	ASSUMED	177.4	172.1	172.1	0.0	0.0
R2/241	ASSUMED	112.5	103.4	103.4	0.0	0.0
R1/242	ASSUMED_PCD	126.1	124.6	124.6	0.0	0.0
R2/242	ASSUMED	100.2	98.3	98.3	0.0	0.0
R1/243		295.5	213.1	165.5	47.5	22.3
R1/250	ASSUMED	111.6	88.3	88.3	0.0	0.0
R2/250	ASSUMED	174.0	139.2	139.2	0.0	0.0
R1/251	ASSUMED_PCD	93.2	81.1	81.1	0.0	0.0
R2/251	ASSUMED	174.0	146.8	146.8	0.0	0.0
R1/252	ASSUMED	95.9	93.2	93.2	0.0	0.0
R2/252	ASSUMED	174.0	156.6	156.6	0.0	0.0
R1/253		290.2	244.7	243.9	0.9	0.4

TERRANO HOUSE

R1/260	ASSUMED_LKD_PCD	495.9	495.9	495.1	0.8	0.2
R2/260	BEDROOM	123.6	123.2	107.1	16.1	13.1
R3/260	LKD	249.6	247.4	147.8	99.6	40.3
R4/260	LKD	473.5	473.5	470.7	2.9	0.6
R5/260	BEDROOM	100.0	99.0	99.0	0.0	0.0
R6/260	BEDROOM	136.3	135.1	135.1	0.0	0.0
R1/261	ASSUMED_LKD_PCD	495.9	495.9	495.1	0.8	0.2
R2/261	BEDROOM	123.6	123.2	116.6	6.5	5.3
R3/261	LKD	249.6	247.4	172.1	75.4	30.5
R4/261	LKD	557.8	557.8	554.6	3.2	0.6
R5/261	BEDROOM	125.6	124.8	124.8	0.0	0.0
R6/261	BEDROOM	157.6	154.8	154.8	0.0	0.0
R1/262	ASSUMED_LKD_PCD	495.9	495.9	495.1	0.8	0.2
R2/262	BEDROOM	123.6	123.2	123.1	0.1	0.1
R3/262	LKD	249.6	247.4	217.4	30.1	12.2
R4/262	LKD	557.8	557.8	556.8	1.0	0.2
R5/262	BEDROOM	125.6	124.8	124.8	0.0	0.0

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R6/262	BEDROOM	157.6	154.8	154.8	0.0	0.0
R1/263	ASSUMED_LKD_PCD	495.9	495.9	495.7	0.2	0.0
R2/263	BEDROOM	123.6	123.2	123.2	0.0	0.0
R3/263	LKD	249.6	247.4	224.7	22.7	9.2
R4/263	LKD	557.8	557.8	557.8	0.0	0.0
R5/263	BEDROOM	125.6	124.8	124.8	0.0	0.0
R6/263	BEDROOM	157.6	154.8	154.8	0.0	0.0
R1/264	BEDROOM	221.5	220.4	220.4	0.0	0.0
R2/264	LKD	671.8	671.8	671.8	0.0	0.0
R3/264	ASSUMED_PCD	352.7	350.8	350.8	0.0	0.0



FORMER KEW BIOTHANE PLANT
LONDON

SUNLIGHT ANALYSIS
Existing_trees vs PROPOSED SCHEME DATED 090418
WITH TREES_WITHOUT_LEAF

AUG 2018

			Window						Room					
			Existing		Proposed				Existing		Proposed			
Room	Window	Room Use	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
1-43 SAFFRON HOUSE														
R4/23	W4/23	ASSUMED	0	11	0	11	-	0.0						
R4/23	W5/23	ASSUMED	0	16	0	16	-	0.0	0	16	0	16	-	0.0
8-14 OAK HOUSE														
R1/223	W1/223	ASSUMED	9	39	7	35	22.2	10.3						
R1/223	W2/223	ASSUMED	4	53	3	50	25.0	5.7	10	60	8	57	20.0	5.0
TERRANO HOUSE														
R1/260	W1/260	ASSUMED_LKD_PCD	6	21	6	21	0.0	0.0						
R1/260	W2/260	ASSUMED_LKD_PCD	1	21	1	21	0.0	0.0						
R1/260	W3/260	ASSUMED_LKD_PCD	18	55	16	53	11.1	3.6						
R1/260	W4/260	ASSUMED_LKD_PCD	16	61	14	59	12.5	3.3						
R1/260	W5/260	ASSUMED_LKD_PCD	18	68	13	63	27.8	7.4						
R1/260	W6/260	ASSUMED_LKD_PCD	18	73	13	68	27.8	6.8						
R1/260	W7/260	ASSUMED_LKD_PCD	18	73	14	68	22.2	6.8						
R1/260	W8/260	ASSUMED_LKD_PCD	12	48	7	42	41.7	12.5						
R1/260	W9/260	ASSUMED_LKD_PCD	16	57	12	52	25.0	8.8						
R1/260	W10/260	ASSUMED_LKD_PCD	16	60	12	56	25.0	6.7	24	89	17	82	29.2	7.9
R2/260	W11/260	BEDROOM	17	63	13	59	23.5	6.3						
R2/260	W12/260	BEDROOM	5	18	1	14	80.0	22.2						
R2/260	W13/260	BEDROOM	9	19	3	13	66.7	31.6	21	67	13	59	38.1	11.9

FORMER KEW BIOTHANE PLANT
LONDON

SUNLIGHT ANALYSIS
Existing_trees vs PROPOSED SCHEME DATED 090418
WITH TREES_WITHOUT_LEAF

AUG 2018

Room	Window	Room Use	Window						Room					
			Existing			Proposed			Existing			Proposed		
			Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
R3/260	W14/260	LKD	14	18	9	13	35.7	27.8						
R3/260	W15/260	LKD	13	17	11	15	15.4	11.8						
R3/260	W16/260	LKD	14	53	10	49	28.6	7.5	19	58	14	53	26.3	8.6
R4/260	W17/260	LKD	13	50	9	46	30.8	8.0						
R4/260	W18/260	LKD	12	47	7	42	41.7	10.6						
R4/260	W19/260	LKD	13	54	8	49	38.5	9.3						
R4/260	W20/260	LKD	9	44	8	43	11.1	2.3						
R4/260	W21/260	LKD	8	40	4	36	50.0	10.0						
R4/260	W22/260	LKD	6	30	0	24	100.0	20.0						
R4/260	W23/260	LKD	4	25	0	21	100.0	16.0						
R4/260	W24/260	LKD	0	9	0	9	-	0.0						
R4/260	W25/260	LKD	1	10	2	11	-100.0	-10.0						
R4/260	W26/260	LKD	1	7	2	8	-100.0	-14.3	22	78	13	69	40.9	11.5
R1/261	W1/261	ASSUMED_LKD_PCD	8	25	8	25	0.0	0.0						
R1/261	W2/261	ASSUMED_LKD_PCD	3	25	3	25	0.0	0.0						
R1/261	W3/261	ASSUMED_LKD_PCD	20	59	18	57	10.0	3.4						
R1/261	W4/261	ASSUMED_LKD_PCD	22	68	18	64	18.2	5.9						
R1/261	W5/261	ASSUMED_LKD_PCD	23	75	18	70	21.7	6.7						
R1/261	W6/261	ASSUMED_LKD_PCD	21	79	18	75	14.3	5.1						
R1/261	W7/261	ASSUMED_LKD_PCD	21	79	18	75	14.3	5.1						
R1/261	W8/261	ASSUMED_LKD_PCD	14	52	10	48	28.6	7.7						
R1/261	W9/261	ASSUMED_LKD_PCD	19	62	14	57	26.3	8.1						
R1/261	W10/261	ASSUMED_LKD_PCD	21	67	14	60	33.3	10.4	25	92	18	85	28.0	7.6

Room	Window	Room Use	Window						Room					
			Existing		Proposed		Winter %Loss	Annual %Loss	Existing		Proposed		Winter %Loss	Annual %Loss
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R2/261	W11/261	BEDROOM	24	72	16	64	33.3	11.1						
R2/261	W12/261	BEDROOM	8	22	3	17	62.5	22.7						
R2/261	W13/261	BEDROOM	14	22	6	14	57.1	36.4	26	74	17	65	34.6	12.2
R3/261	W14/261	LKD	18	22	13	17	27.8	22.7						
R3/261	W15/261	LKD	16	19	13	16	18.8	15.8						
R3/261	W16/261	LKD	22	62	15	55	31.8	11.3	24	64	17	57	29.2	10.9
R4/261	W17/261	LKD	20	60	15	55	25.0	8.3						
R4/261	W18/261	LKD	18	54	14	50	22.2	7.4						
R4/261	W19/261	LKD	20	63	13	56	35.0	11.1						
R4/261	W20/261	LKD	11	48	8	45	27.3	6.3						
R4/261	W21/261	LKD	13	49	9	45	30.8	8.2						
R4/261	W22/261	LKD	10	41	3	34	70.0	17.1						
R4/261	W23/261	LKD	8	35	2	29	75.0	17.1						
R4/261	W24/261	LKD	0	8	0	8	-	0.0						
R4/261	W25/261	LKD	2	12	2	12	0.0	0.0						
R4/261	W26/261	LKD	1	12	0	11	100.0	8.3	26	82	16	72	38.5	12.2
R1/262	W1/262	ASSUMED_LKD_PCD	10	29	10	29	0.0	0.0						
R1/262	W2/262	ASSUMED_LKD_PCD	5	29	5	29	0.0	0.0						
R1/262	W3/262	ASSUMED_LKD_PCD	22	63	21	62	4.5	1.6						
R1/262	W4/262	ASSUMED_LKD_PCD	25	73	22	70	12.0	4.1						
R1/262	W5/262	ASSUMED_LKD_PCD	27	80	22	75	18.5	6.3						
R1/262	W6/262	ASSUMED_LKD_PCD	27	86	22	81	18.5	5.8						

Room	Window	Room Use	Window						Room					
			Existing			Proposed			Existing			Proposed		
			Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
R1/262	W7/262	ASSUMED_LKD_PCD	28	86	22	80	21.4	7.0						
R1/262	W8/262	ASSUMED_LKD_PCD	16	55	12	51	25.0	7.3						
R1/262	W9/262	ASSUMED_LKD_PCD	22	65	16	59	27.3	9.2						
R1/262	W10/262	ASSUMED_LKD_PCD	25	73	19	67	24.0	8.2	28	96	22	90	21.4	6.3
R2/262	W11/262	BEDROOM	27	76	19	68	29.6	10.5						
R2/262	W12/262	BEDROOM	9	24	4	19	55.6	20.8						
R2/262	W13/262	BEDROOM	15	25	8	18	46.7	28.0	27	76	20	69	25.9	9.2
R3/262	W14/262	LKD	19	23	14	18	26.3	21.7						
R3/262	W15/262	LKD	18	21	16	19	11.1	9.5						
R3/262	W16/262	LKD	25	66	19	60	24.0	9.1	26	67	20	61	23.1	9.0
R4/262	W17/262	LKD	26	70	19	63	26.9	10.0						
R4/262	W18/262	LKD	22	60	16	54	27.3	10.0						
R4/262	W19/262	LKD	23	73	17	67	26.1	8.2						
R4/262	W20/262	LKD	20	63	15	58	25.0	7.9						
R4/262	W21/262	LKD	18	59	12	53	33.3	10.2						
R4/262	W22/262	LKD	12	49	5	42	58.3	14.3						
R4/262	W23/262	LKD	10	42	6	38	40.0	9.5						
R4/262	W24/262	LKD	0	11	0	11	-	0.0						
R4/262	W25/262	LKD	2	15	2	15	0.0	0.0						
R4/262	W26/262	LKD	0	13	0	13	-	0.0	27	85	20	78	25.9	8.2
R1/263	W1/263	ASSUMED_LKD_PCD	12	43	12	43	0.0	0.0						
R1/263	W2/263	ASSUMED_LKD_PCD	7	32	7	32	0.0	0.0						

FORMER KEW BIOTHANE PLANT
LONDON

SUNLIGHT ANALYSIS
Existing_trees vs PROPOSED SCHEME DATED 090418
WITH TREES_WITHOUT_LEAF

AUG 2018

Room	Window	Room Use	Window						Room					
			Existing			Proposed			Existing			Proposed		
			Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
R1/263	W3/263	ASSUMED_LKD_PCD	24	66	24	66	0.0	0.0						
R1/263	W4/263	ASSUMED_LKD_PCD	27	76	26	75	3.7	1.3						
R1/263	W5/263	ASSUMED_LKD_PCD	30	83	26	79	13.3	4.8						
R1/263	W6/263	ASSUMED_LKD_PCD	30	89	26	85	13.3	4.5						
R1/263	W7/263	ASSUMED_LKD_PCD	30	88	26	84	13.3	4.5						
R1/263	W8/263	ASSUMED_LKD_PCD	19	58	15	54	21.1	6.9						
R1/263	W9/263	ASSUMED_LKD_PCD	23	66	18	61	21.7	7.6						
R1/263	W10/263	ASSUMED_LKD_PCD	25	75	21	71	16.0	5.3	30	99	27	96	10.0	3.0
R2/263	W11/263	BEDROOM	28	83	23	78	17.9	6.0						
R2/263	W12/263	BEDROOM	9	35	5	31	44.4	11.4						
R2/263	W13/263	BEDROOM	15	30	9	24	40.0	20.0	28	83	23	78	17.9	6.0
R3/263	W14/263	LKD	20	27	16	23	20.0	14.8						
R3/263	W15/263	LKD	19	30	17	28	10.5	6.7						
R3/263	W16/263	LKD	28	80	22	74	21.4	7.5	28	80	22	74	21.4	7.5
R4/263	W17/263	LKD	27	71	23	67	14.8	5.6						
R4/263	W18/263	LKD	27	67	22	62	18.5	7.5						
R4/263	W19/263	LKD	27	81	22	76	18.5	6.2						
R4/263	W20/263	LKD	25	71	19	65	24.0	8.5						
R4/263	W21/263	LKD	20	63	15	58	25.0	7.9						
R4/263	W22/263	LKD	15	52	10	47	33.3	9.6						
R4/263	W23/263	LKD	11	43	7	39	36.4	9.3						
R4/263	W24/263	LKD	0	11	0	11	-	0.0						
R4/263	W25/263	LKD	3	23	2	22	33.3	4.3						

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SUNLIGHT ANALYSIS
Existing_trees vs PROPOSED SCHEME DATED 090418
WITH TREES_WITHOUT_LEAF

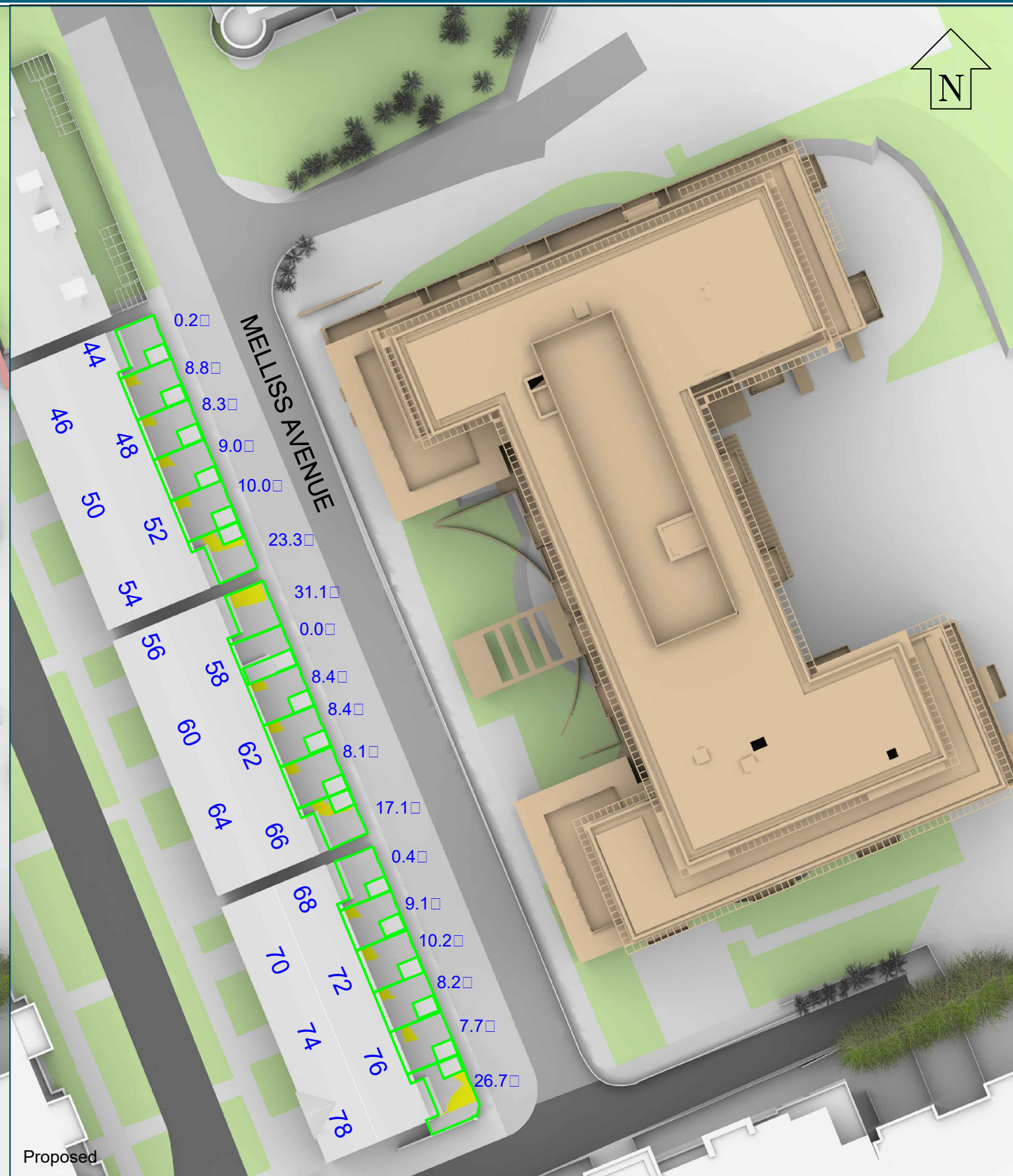
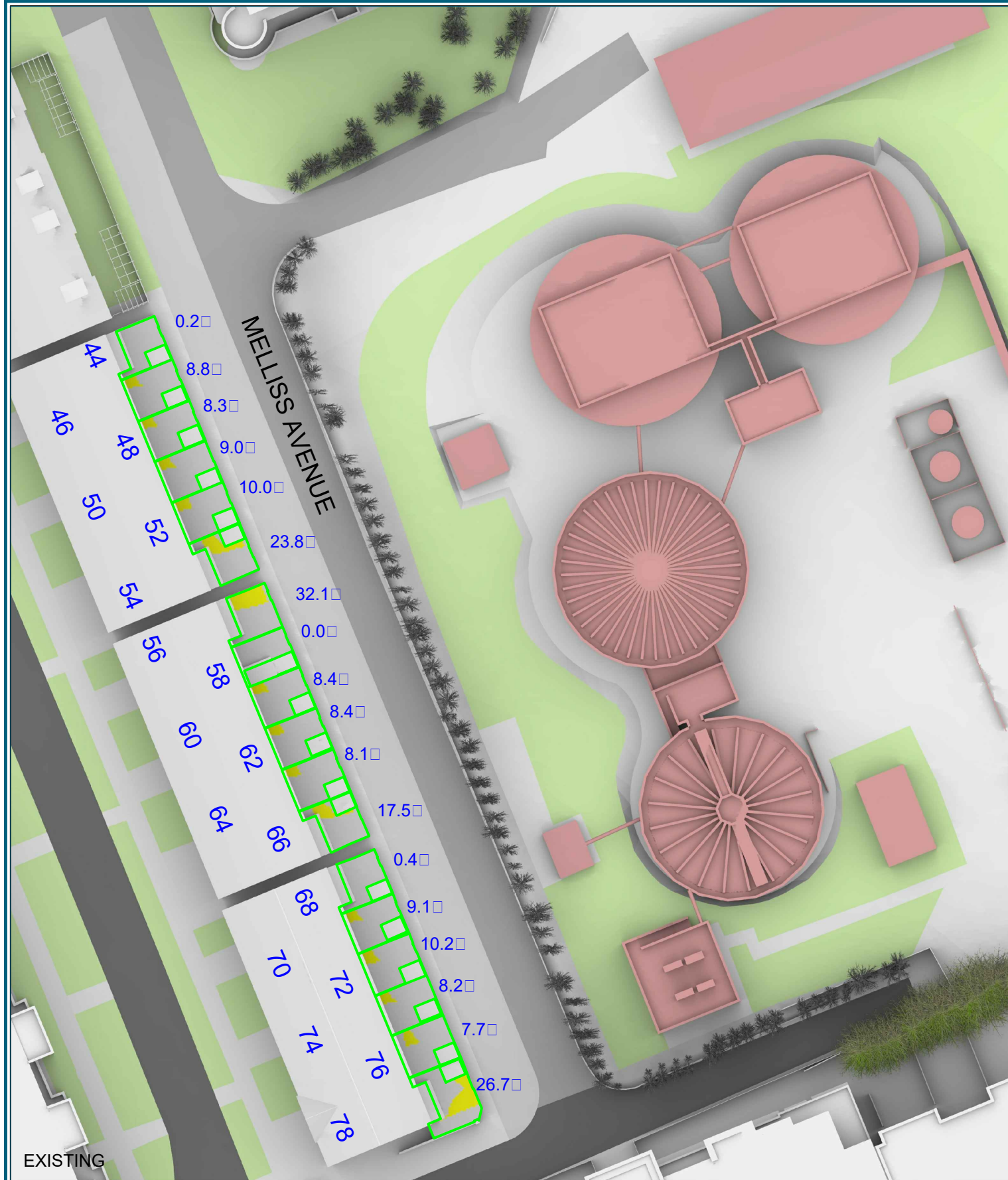
AUG 2018

Room	Window	Room Use	Window						Room					
			Existing			Proposed			Existing			Proposed		
			Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
R4/263	W26/263	LKD	5	32	4	31	20.0	3.1	29	87	24	82	17.2	5.7
R1/264	W1/264	BEDROOM	20	52	20	52	0.0	0.0						
R1/264	W2/264	BEDROOM	28	67	26	65	7.1	3.0	30	92	28	90	6.7	2.2
R2/264	W3/264	LKD	28	81	26	79	7.1	2.5						
R2/264	W4/264	LKD	22	52	21	51	4.5	1.9						
R2/264	W5/264	LKD	21	41	21	41	0.0	0.0						
R2/264	W6/264	LKD	22	43	22	43	0.0	0.0						
R2/264	W7/264	LKD	15	39	15	39	0.0	0.0						
R2/264	W8/264	LKD	22	57	22	57	0.0	0.0						
R2/264	W9/264	LKD	28	74	27	73	3.6	1.4						
R2/264	W10/264	LKD	30	84	29	83	3.3	1.2						
R2/264	W11/264	LKD	30	88	29	87	3.3	1.1						
R2/264	W12/264	LKD	28	82	27	81	3.6	1.2						
R2/264	W13/264	LKD	25	72	24	71	4.0	1.4						
R2/264	W14/264	LKD	21	63	20	62	4.8	1.6						
R2/264	W15/264	LKD	15	52	14	51	6.7	1.9						
R2/264	W16/264	LKD	11	43	10	42	9.1	2.3						
R2/264	W17/264	LKD	6	33	5	32	16.7	3.0						
R2/264	W18/264	LKD	2	22	2	22	0.0	0.0						
R2/264	W19/264	LKD	0	11	0	11	-	0.0						
R2/264	W20/264	LKD	0	3	0	3	-	0.0						
R2/264	W21/264	LKD	0	0	0	0	-	-						
R2/264	W22/264	LKD	0	5	0	5	-	0.0						
R2/264	W23/264	LKD	0	5	0	5	-	0.0						

Room	Window	Room Use	Window						Room					
			Existing			Proposed			Existing			Proposed		
			Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
R2/264	W24/264	LKD	2	24	2	24	0.0	0.0						
R2/264	W25/264	LKD	13	16	13	16	0.0	0.0						
R2/264	W26/264	LKD	15	34	15	34	0.0	0.0						
R2/264	W27/264	LKD	22	53	22	53	0.0	0.0						
R2/264	W28/264	LKD	28	66	27	65	3.6	1.5						
R2/264	W29/264	LKD	30	77	29	76	3.3	1.3						
R2/264	W30/264	LKD	30	81	29	80	3.3	1.2						
R2/264	W31/264	LKD	28	71	27	70	3.6	1.4						
R2/264	W32/264	LKD	25	60	24	59	4.0	1.7						
R2/264	W33/264	LKD	21	51	20	50	4.8	2.0						
R2/264	W34/264	LKD	14	41	13	40	7.1	2.4						
R2/264	W35/264	LKD	11	35	11	35	0.0	0.0						
R2/264	W36/264	LKD	6	24	6	24	0.0	0.0						
R2/264	W37/264	LKD	2	14	2	14	0.0	0.0						
R2/264	W38/264	LKD	0	8	0	8	-	0.0						
R2/264	W39/264	LKD	0	5	0	5	-	0.0						
R2/264	W40/264	LKD	0	0	0	0	-	-						
R2/264	W41/264	LKD	0	1	0	1	-	0.0	30	99	30	99	0.0	0.0

Appendix 6 – Sun on Ground Results (Trees Without Leaf)

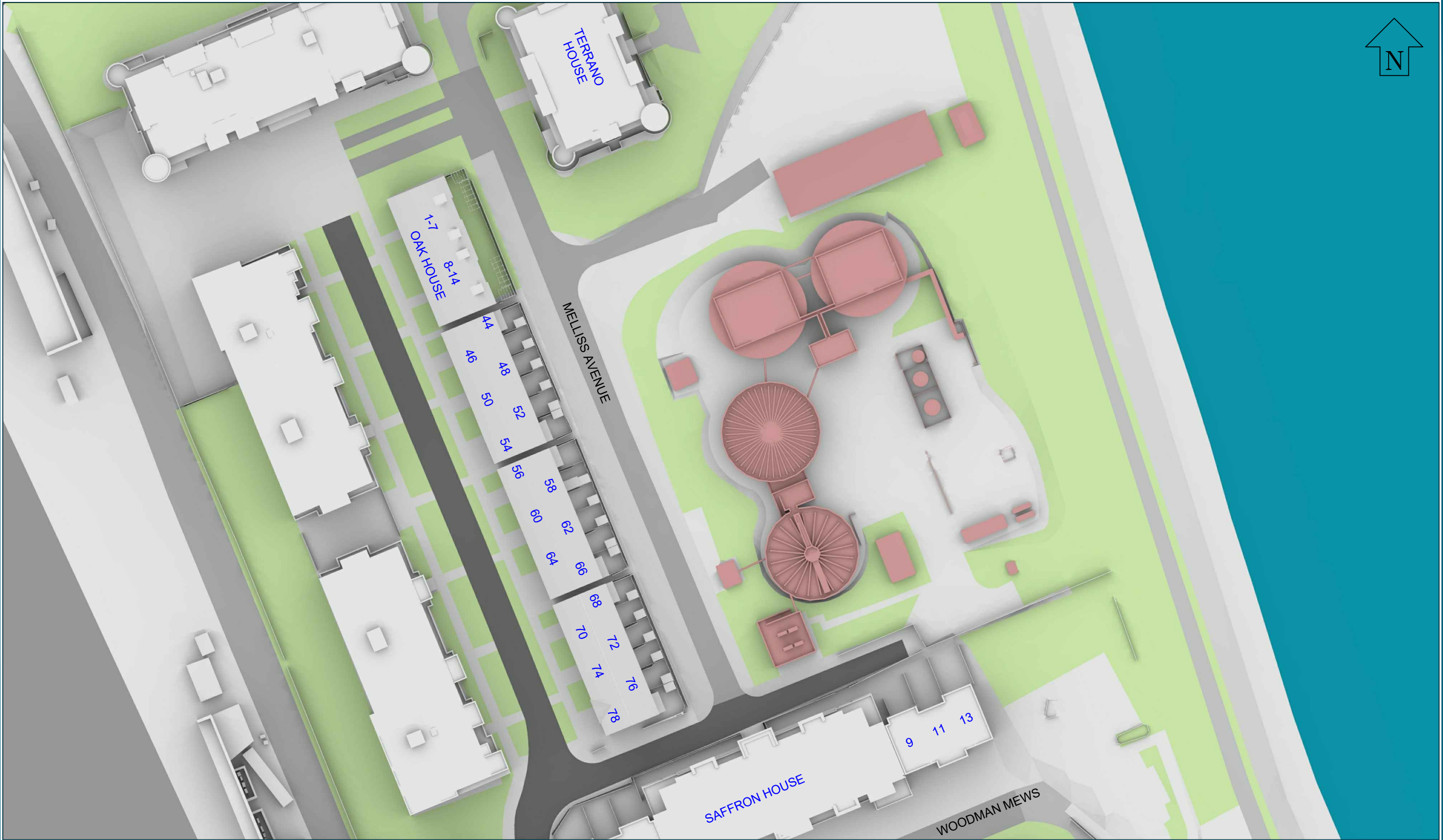




Sources: Point 2 Surveyors Point Cloud Data Site Photos Marchese Partners Proposed Info (received 01/08/18) File Name: 180731 KEW revised model.rvt MJ Rees and Company Tree Survey (received 26/03/18) File Name: 8850.dwg	Key: Area analysed Area with more than 2 hours of direct sunlight Area with less than 2 hours of direct sunlight 50 Percentage of area with more than 2 hours of direct sunlight	Project: Former Kew Biothane Plant			Title: Plan View Proposed Scheme 01/08/18 2hr BRE Sunlight Test March 21st Trees Without Leaf Scenario		Point 2 Surveyors Ltd, 3rd Floor, 17 Slingsby Place, London WC2E 9AB 0207 836 5828 www.point2surveyors.com POINT surveyors
	Scheme Confirmed: -	Date : -	Drawn By: JF	Scale: 1:500 @ A3	Date: AUG 18	Dwg No: P1572_SHA_06	

Appendix 7 – Existing and Proposed Drawings (No Trees Included)





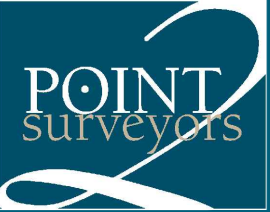
Sources: Point 2 Surveyors
Point Cloud Data
Site Photos
Marchese Partners
Proposed Info (received 31/10/17)
File Name: 171031 KEW model.rvt

Key: Existing Buildings
Proposed Scheme

Project: Former Kew Biothane Plant

Title: Plan View
Existing Buildings

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Scheme Confirmed: -

Date : -

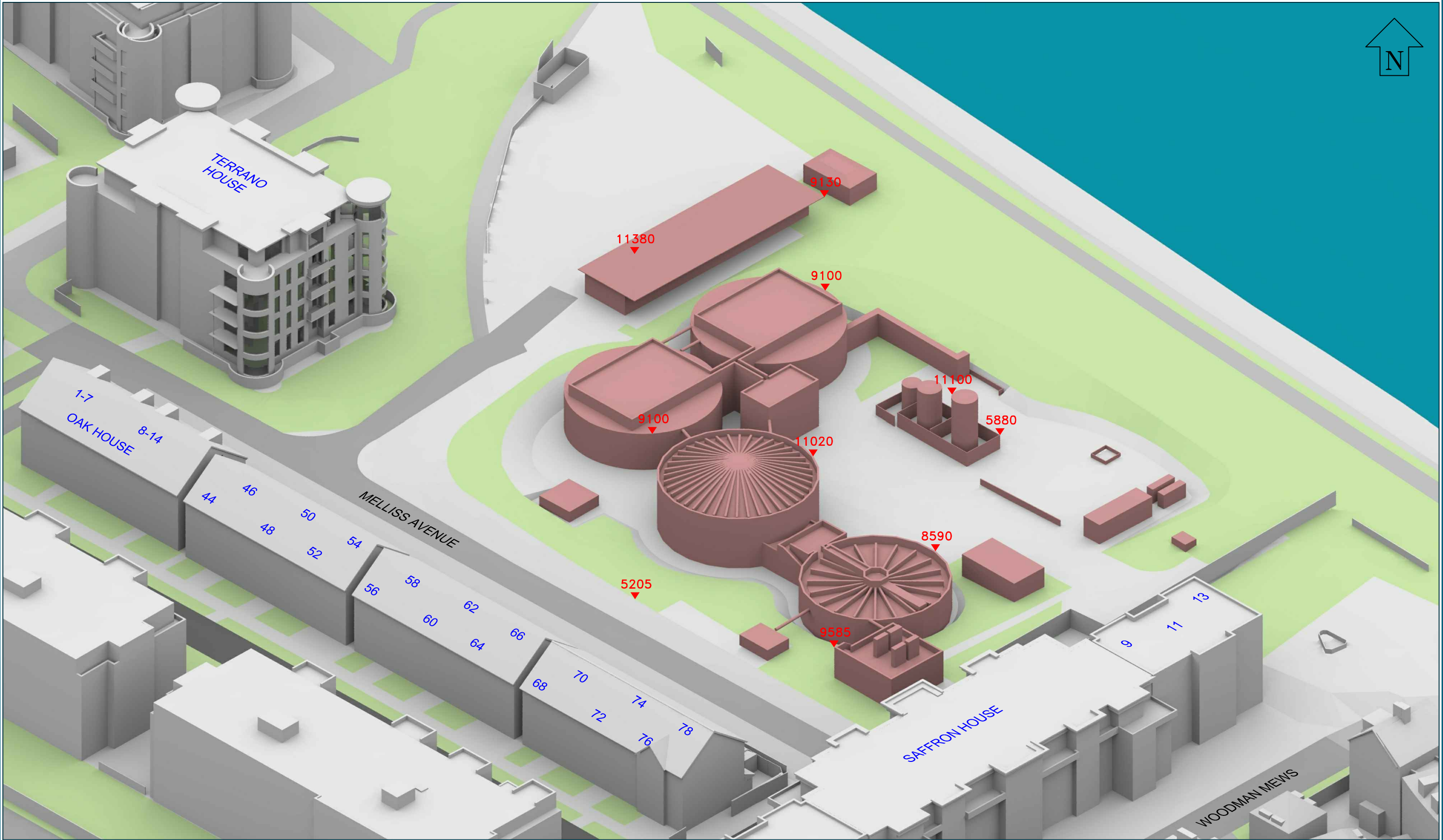
Drawn By: JF

Scale: 1:700 @ A3

Date: NOV 17

Dwg No: P1572_01

Rel: 01



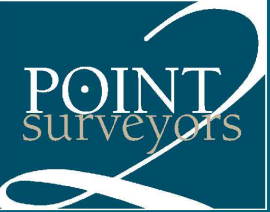
Sources: Point 2 Surveyors
Point Cloud Data
Site Photos
Marchese Partners
Proposed Info (received 31/10/17)
File Name: 171031 KEW model.rvt

Key: Existing Buildings
Proposed Scheme
All Heights in mm AOD

Project: Former Kew Biotope Plant

Title: 3D View
Existing Buildings

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Scheme Confirmed: -

Date : -

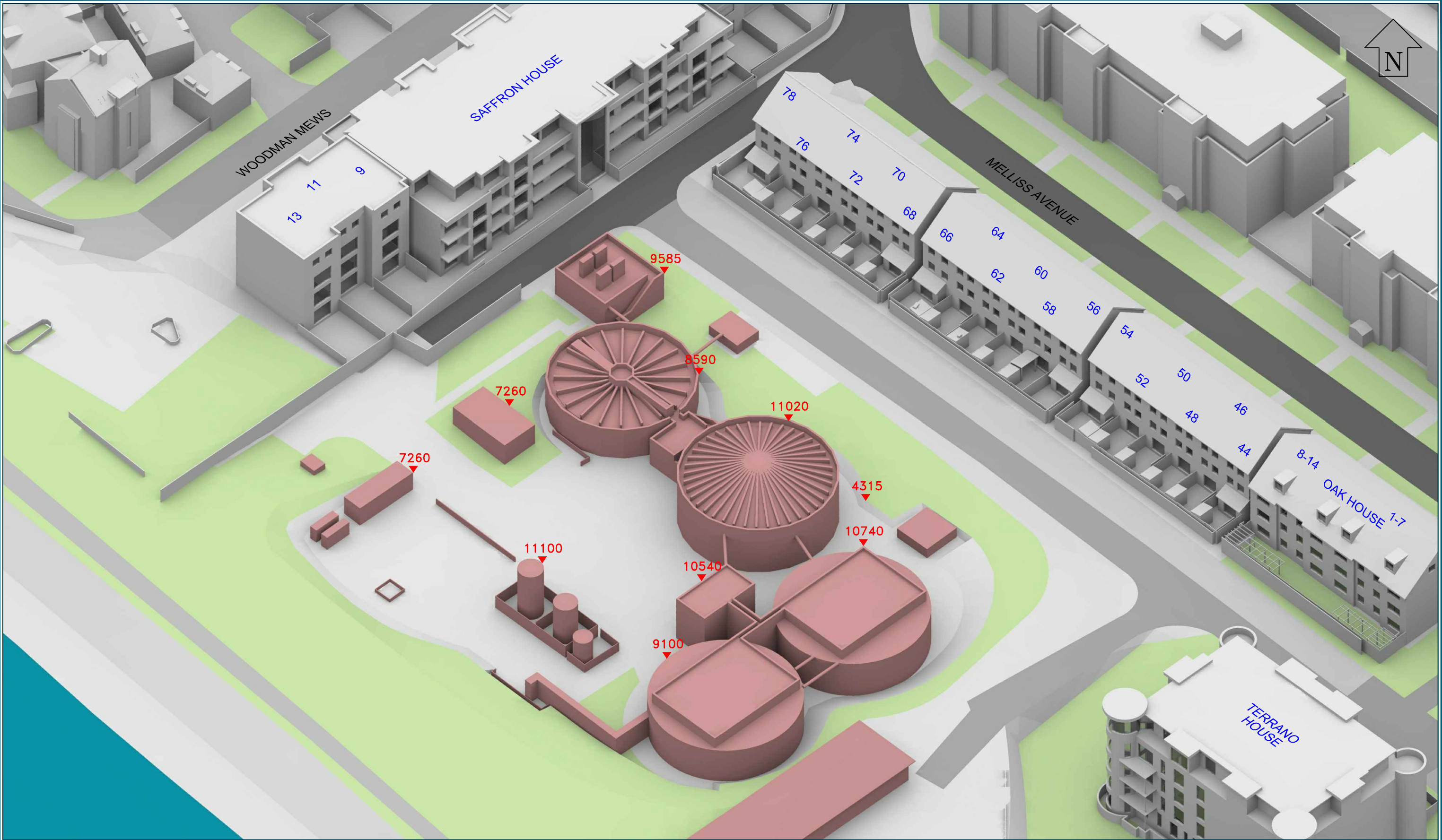
Drawn By: JF

Scale: NTS

Date: NOV 17

Dwg No: P1572_02

Rel: 01



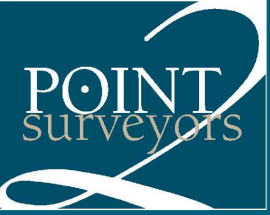
Sources: Point 2 Surveyors
Point Cloud Data
Site Photos
Marchese Partners
Proposed Info (received 31/10/17)
File Name: 171031 KEW model.rvt

Key: Existing Buildings
Proposed Scheme
All Heights in mm AOD

Project: Former Kew Biogro Plant

Title: 3D View
Existing Buildings

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Scheme Confirmed: -

Date : -

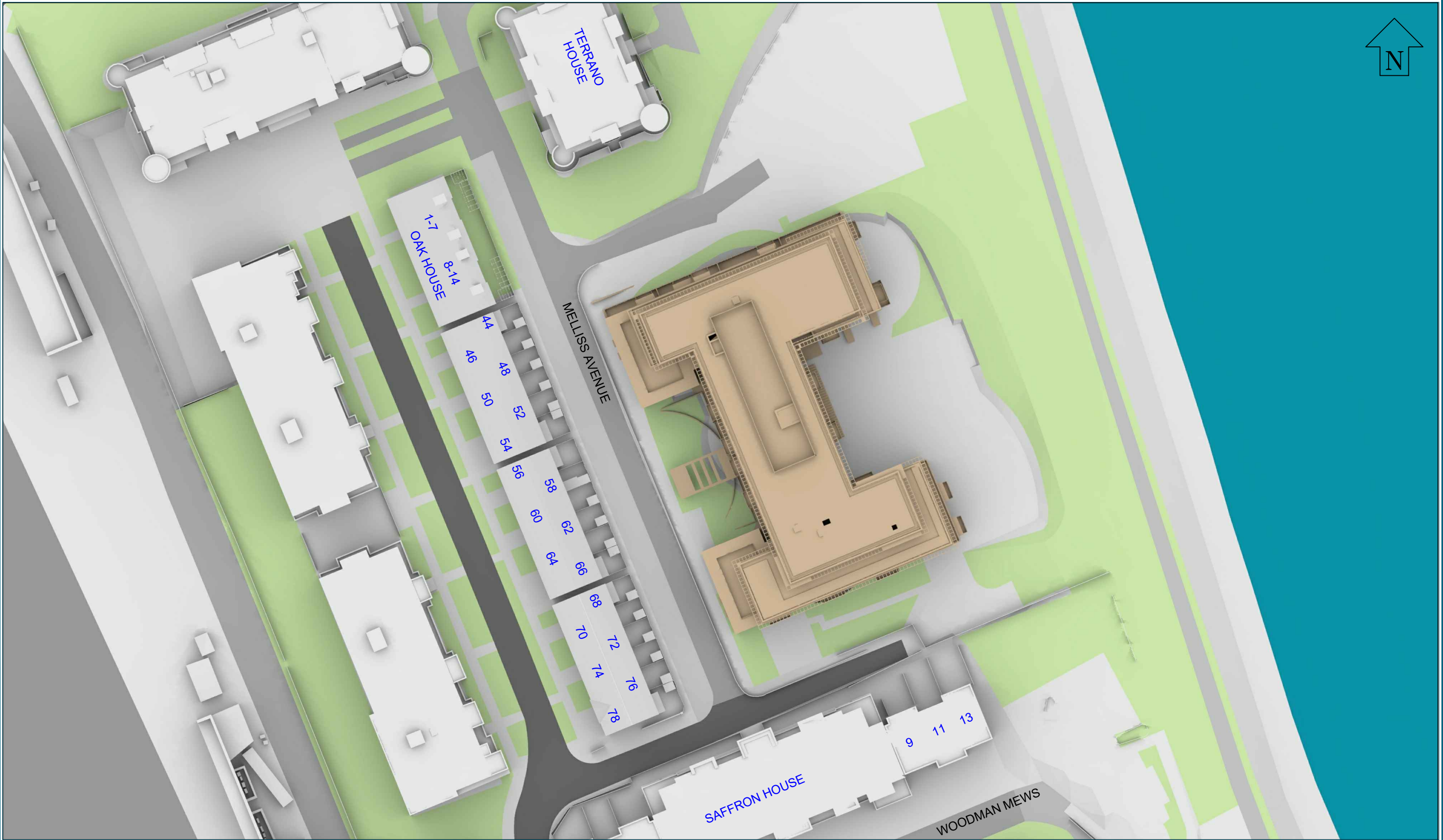
Drawn By: JF

Scale: NTS

Date: NOV 17

Dwg No: P1572_03

Rel: 01



Sources: Point 2 Surveyors
Point Cloud Data
Site Photos
Marchese Partners
Proposed Info (received 01/08/18)
File Name: 180731 KEW-revised model.rvt
MJ Rees and Company
Tree Survey (received 26/03/18)
File Name: 8850.dwg

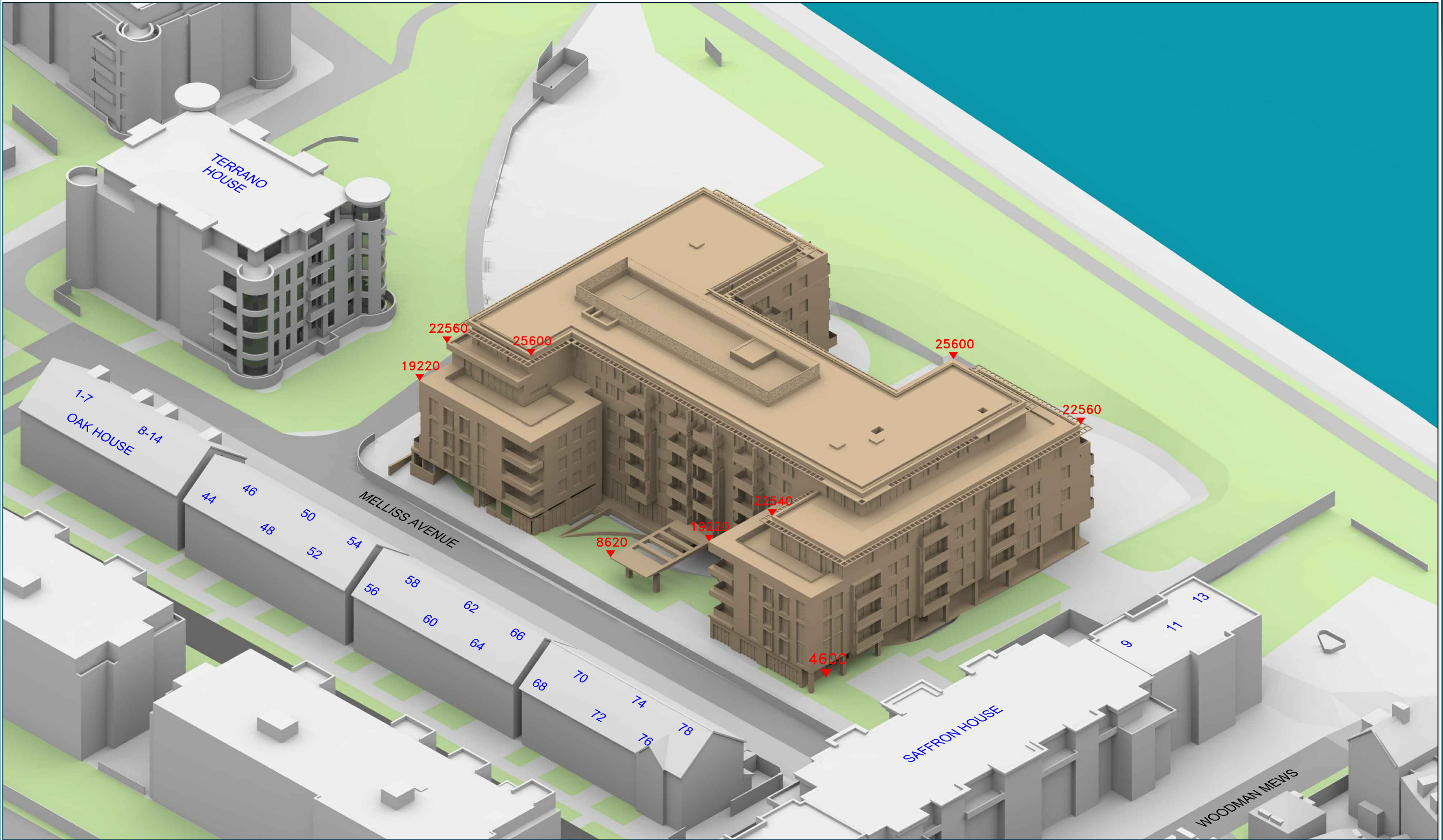
Key: Existing Buildings
Proposed Scheme

Project: Former Kew Biothane Plant

Title: Plan View
Proposed Scheme 01/08/18

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Sources: Point 2 Surveyors
Point Cloud Data
Site Photos
Marchese Partners
Proposed Info (received 01/08/18)
File Name: 180731 KEW-revised model.rvt
MJ Rees and Company
Tree Survey (received 26/03/18)
File Name: 8850.dwg

Key: — Existing Buildings
— Proposed Scheme
All Heights in mm AOD

Project: Former Kew Biothane Plant

Title: 3DView
Proposed Scheme 01/08/18

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Scheme Confirmed: -

Date : -

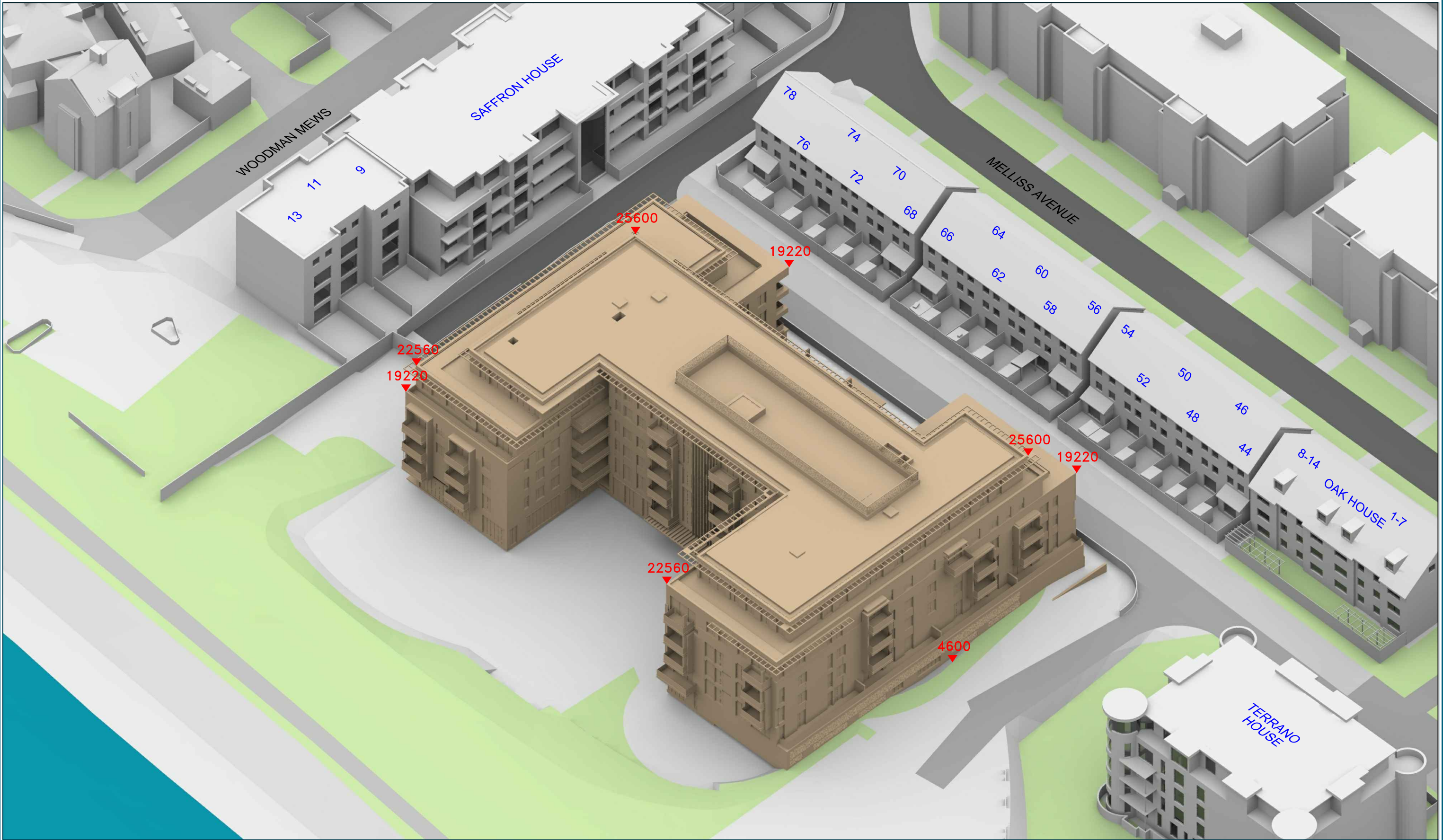
Drawn By: JF

Scale: NTS

Date: AUG 18

Dwg No: **P1572_35**

Rel: 06



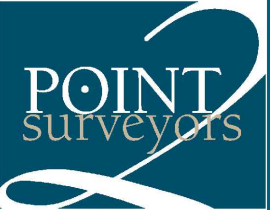
Sources: Point 2 Surveyors
Point Cloud Data
Site Photos
Marchese Partners
Proposed Info (received 01/08/18)
File Name: 180731 KEW-revised model.rvt
MJ Rees and Company
Tree Survey (received 26/03/18)
File Name: 8850.dwg

Key: — Existing Buildings
— Proposed Scheme
All Heights in mm AOD

Project: Former Kew Biotechnology Plant

Title: 3D View
Proposed Scheme 01/08/18

Point 2 Surveyors Ltd,
3rd Floor,
17 Slingsby Place,
London WC2E 9AB
0207 836 5828
www.point2surveyors.com



Scheme Confirmed: -

Date : -

Drawn By: JF

Scale: NTS

Date: AUG 18

Dwg No: **P1572_36**

Rel: 06

Appendix 8 – Daylight and Sunlight Results (No Trees Included)



Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
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13 WOODMAN MEWS

R1/10	ASSUMED_KD	W1/10	33.64	25.20	8.44	25.09
R1/11	ASSUMED_DINING	W1/11	37.90	28.77	9.13	24.09
R1/12	ASSUMED_BEDROOM	W1/12	38.57	30.95	7.62	19.76
R1/13	ASSUMED_BEDROOM	W1/13	39.09	33.63	5.46	13.97
R2/13	ASSUMED_BEDROOM	W2/13	39.08	33.37	5.71	14.61

11 WOODMAN MEWS

R2/10	KD	W2/10	30.73	21.76	8.97	29.19
R2/11	DINING	W2/11	33.97	24.69	9.28	27.32
R2/12	BEDROOM	W2/12	34.88	27.13	7.75	22.22
R3/13	BEDROOM	W3/13	35.11	29.53	5.58	15.89
R4/13	BEDROOM	W4/13	34.98	29.30	5.68	16.24

9 WOODMAN MEWS

R3/10	ASSUMED_KD	W3/10	28.78	19.47	9.31	32.35
R3/11	ASSUMED_DINING	W3/11	33.14	23.19	9.95	30.02
R3/12	ASSUMED_BEDROOM	W3/12	35.80	27.39	8.41	23.49
R5/13	ASSUMED_BEDROOM	W5/13	38.80	32.63	6.17	15.90
R6/13	ASSUMED_BEDROOM	W6/13	38.45	32.31	6.14	15.97

1-43 SAFFRON HOUSE

R1/20	ASSUMED	W1/20	16.64	9.59	7.05	42.37
R2/20	ASSUMED	W2/20	27.86	20.34	7.52	26.99
R3/20	ASSUMED	W3/20	17.85	9.55	8.30	46.50

FORMER KEW BIOTHANE PLANT DAYLIGHT ANALYSIS
LONDON Existing_trees vs PROPOSED SCHEME DATED 010818

AUG 2018

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R4/20	ASSUMED	W4/20	28.99	21.87	7.12	24.56
R5/20	ASSUMED	W5/20	16.33	9.73	6.60	40.42
R6/20	ASSUMED	W6/20	15.64	9.71	5.93	37.92
R7/20	ASSUMED	W7/20	14.75	11.61	3.14	21.29
R8/20	ASSUMED	W8/20	16.27	12.17	4.10	25.20
R9/20	ASSUMED	W9/20	28.95	25.82	3.13	10.81
R10/20	ASSUMED	W10/20	16.45	13.47	2.98	18.12
R11/20	ASSUMED	W11/20	26.46	23.84	2.62	9.90
R12/20	ASSUMED	W12/20	15.25	13.37	1.88	12.33
R1/21	ASSUMED	W1/21	25.04	12.70	12.34	49.28
R2/21	ASSUMED	W2/21	36.33	24.08	12.25	33.72
R3/21	ASSUMED	W3/21	22.88	12.25	10.63	46.46
R4/21	ASSUMED	W4/21	35.42	25.65	9.77	27.58
R5/21	ASSUMED	W5/21	20.19	12.43	7.76	38.43
R6/21	ASSUMED	W6/21	18.68	12.08	6.60	35.33
R7/21	ASSUMED	W7/21	17.24	14.30	2.94	17.05
R8/21	ASSUMED	W8/21	19.30	15.35	3.95	20.47
R9/21	ASSUMED	W9/21	33.43	29.91	3.52	10.53
R10/21	ASSUMED	W10/21	19.62	16.82	2.80	14.27
R11/21	ASSUMED	W11/21	30.66	27.98	2.68	8.74
R12/21	ASSUMED	W12/21	18.94	17.11	1.83	9.66
R1/22	ASSUMED	W1/22	27.39	16.88	10.51	38.37

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R2/22	ASSUMED	W2/22	38.32	27.62	10.70	27.92
R3/22	ASSUMED	W3/22	28.73	19.54	9.19	31.99
R4/22	ASSUMED	W4/22	37.71	29.04	8.67	22.99
R5/22	ASSUMED	W5/22	25.58	18.77	6.81	26.62
R6/22	ASSUMED	W6/22	23.24	17.42	5.82	25.04
R7/22	ASSUMED	W7/22	22.11	19.76	2.35	10.63
R8/22	ASSUMED	W8/22	24.85	21.46	3.39	13.64
R9/22	ASSUMED	W9/22	36.22	33.21	3.01	8.31
R10/22	ASSUMED	W10/22	27.05	24.64	2.41	8.91
R11/22	ASSUMED	W11/22	35.11	32.76	2.35	6.69
R12/22	ASSUMED	W12/22	23.63	21.96	1.67	7.07
R1/23	ASSUMED	W1/23	23.84	18.79	5.05	21.18
R2/23	ASSUMED	W2/23	33.29	26.31	6.98	20.97
R3/23	ASSUMED	W3/23	32.65	25.93	6.72	20.58
R4/23	ASSUMED	W4/23	37.33	30.88	6.45	17.28
R4/23	ASSUMED	W5/23	18.91	18.83	0.08	0.42
R5/23	ASSUMED	W6/23	27.57	23.64	3.93	14.25
R6/23	ASSUMED	W7/23	25.42	21.27	4.15	16.33
R8/23	ASSUMED	W9/23	24.90	23.80	1.10	4.42
R9/23	ASSUMED	W10/23	27.59	25.29	2.30	8.34
R10/23	ASSUMED	W11/23	36.76	34.50	2.26	6.15
R11/23	ASSUMED	W12/23	32.51	30.77	1.74	5.35
R12/23	ASSUMED	W13/23	32.86	31.23	1.63	4.96

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R13/23	ASSUMED	W14/23	23.18	23.17	0.01	0.04
78 MELLISS AVENUE						
R1/40	ASSUMED	W1/40	25.03	21.51	3.52	14.06
R1/41	ASSUMED_PCD	W1/41	33.87	28.79	5.08	15.00
R1/41	ASSUMED_PCD	W2/41	34.58	29.05	5.53	15.99
R1/42	ASSUMED	W1/42	31.88	27.27	4.61	14.46
R1/42	ASSUMED	W2/42	32.37	27.41	4.96	15.32
76 MELLISS AVENUE						
R1/50	ASSUMED	W1/50	30.91	25.00	5.91	19.12
R1/51	ASSUMED_PCD	W1/51	35.15	29.14	6.01	17.10
R1/51	ASSUMED_PCD	W2/51	35.49	29.01	6.48	18.26
R1/52	ASSUMED	W1/52	32.81	27.39	5.42	16.52
R1/52	ASSUMED	W2/52	33.05	27.25	5.80	17.55
74 MELLISS AVENUE						
R1/60	ASSUMED	W1/60	31.45	24.23	7.22	22.96
R1/61	ASSUMED_PCD	W1/61	35.87	28.57	7.30	20.35
R1/61	ASSUMED_PCD	W2/61	36.08	28.07	8.01	22.20
R1/62	ASSUMED	W1/62	33.32	26.82	6.50	19.51
R1/62	ASSUMED	W2/62	33.47	26.37	7.10	21.21
72 MELLISS AVENUE						
R1/70	ASSUMED	W1/70	32.36	23.63	8.73	26.98
R1/71	ASSUMED_PCD	W1/71	36.36	27.34	9.02	24.81
R1/71	ASSUMED_PCD	W2/71	36.51	26.96	9.55	26.16
R1/72	ASSUMED	W1/72	33.65	25.73	7.92	23.54
R1/72	ASSUMED	W2/72	33.74	25.39	8.35	24.75
70 MELLISS AVENUE						

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/80	ASSUMED	W1/80	31.65	22.65	9.00	28.44
R1/81	ASSUMED_PCD	W1/81	36.69	26.44	10.25	27.94
R1/81	ASSUMED_PCD	W2/81	36.83	26.11	10.72	29.11
R1/82	ASSUMED	W1/82	33.86	24.90	8.96	26.46
R1/82	ASSUMED	W2/82	33.94	24.60	9.34	27.52
68 MELLISS AVENUE						
R1/90	ASSUMED	W1/90	28.15	18.40	9.75	34.64
R1/91	ASSUMED_PCD	W1/91	37.01	25.86	11.15	30.13
R1/91	ASSUMED_PCD	W2/91	37.11	25.78	11.33	30.53
R1/92	ASSUMED	W1/92	34.03	24.33	9.70	28.50
R1/92	ASSUMED	W2/92	34.15	24.26	9.89	28.96
66 MELLISS AVENUE						
R1/100	ASSUMED	W1/100	27.97	18.74	9.23	33.00
R1/101	ASSUMED_PCD	W1/101	37.29	25.54	11.75	31.51
R1/101	ASSUMED_PCD	W2/101	37.36	25.53	11.83	31.66
R1/102	ASSUMED_PCD	W1/102	36.01	25.65	10.36	28.77
R1/102	ASSUMED_PCD	W2/102	36.03	25.58	10.45	29.00
64 MELLISS AVENUE						
R1/110	ASSUMED	W1/110	31.55	21.88	9.67	30.65
R1/111	ASSUMED_PCD	W1/111	37.36	25.48	11.88	31.80
R1/111	ASSUMED_PCD	W2/111	37.37	25.44	11.93	31.92
R1/112	ASSUMED_PCD	W1/112	36.05	25.49	10.56	29.29
R1/112	ASSUMED_PCD	W2/112	36.04	25.42	10.62	29.47
62 MELLISS AVENUE						
R1/120	ASSUMED	W1/120	31.63	22.09	9.54	30.16
R1/121	ASSUMED_PCD	W1/121	37.39	25.42	11.97	32.01

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/121	ASSUMED_PCD	W2/121	37.41	25.39	12.02	32.13
R1/122	ASSUMED_PCD	W1/122	36.09	25.37	10.72	29.70
R1/122	ASSUMED_PCD	W2/122	36.11	25.35	10.76	29.80
60 MELLISS AVENUE						
R1/130	ASSUMED	W1/130	31.08	21.71	9.37	30.15
R1/131	ASSUMED_PCD	W1/131	37.39	25.35	12.04	32.20
R1/131	ASSUMED_PCD	W2/131	37.39	25.34	12.05	32.23
R1/132	ASSUMED_PCD	W1/132	36.10	25.31	10.79	29.89
R1/132	ASSUMED_PCD	W2/132	36.12	25.29	10.83	29.98
58 MELLISS AVENUE						
R1/140	ASSUMED	W1/140	20.17	13.11	7.06	35.00
R1/141	ASSUMED_PCD	W1/141	37.37	25.28	12.09	32.35
R1/141	ASSUMED_PCD	W2/141	37.39	25.26	12.13	32.44
R1/142	ASSUMED_PCD	W1/142	36.10	25.24	10.86	30.08
R1/142	ASSUMED_PCD	W2/142	36.11	25.24	10.87	30.10
56 MELLISS AVENUE						
R1/150	ASSUMED	W1/150	29.72	18.45	11.27	37.92
R1/151	ASSUMED_PCD	W1/151	37.35	25.26	12.09	32.37
R1/151	ASSUMED_PCD	W2/151	37.36	25.31	12.05	32.25
R1/152	ASSUMED_PCD	W1/152	36.10	25.26	10.84	30.03
R1/152	ASSUMED_PCD	W2/152	36.12	25.35	10.77	29.82
54 MELLISS AVENUE						
R1/160	ASSUMED	W1/160	28.96	18.63	10.33	35.67
R1/161	ASSUMED	W1/161	37.33	25.61	11.72	31.40
R1/161	ASSUMED	W2/161	37.28	25.79	11.49	30.82
R1/162	ASSUMED	W1/162	36.02	25.56	10.46	29.04
R1/162	ASSUMED	W2/162	35.94	25.72	10.22	28.44

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
52 MELLISS AVENUE						
R1/170	ASSUMED	W1/170	32.13	22.73	9.40	29.26
R1/171	ASSUMED	W1/171	37.28	26.24	11.04	29.61
R1/171	ASSUMED	W2/171	37.22	26.60	10.62	28.53
R1/172	ASSUMED	W1/172	35.91	26.12	9.79	27.26
R1/172	ASSUMED	W2/172	35.85	26.44	9.41	26.25
50 MELLISS AVENUE						
R1/180	ASSUMED	W1/180	32.34	24.10	8.24	25.48
R1/181	ASSUMED	W1/181	37.20	27.35	9.85	26.48
R1/181	ASSUMED	W2/181	37.16	27.92	9.24	24.87
R1/182	ASSUMED	W1/182	35.81	27.07	8.74	24.41
R1/182	ASSUMED	W2/182	35.76	27.55	8.21	22.96
48 MELLISS AVENUE						
R1/190	ASSUMED	W1/190	31.96	25.57	6.39	19.99
R1/191	ASSUMED	W1/191	37.07	28.77	8.30	22.39
R1/191	ASSUMED	W2/191	37.01	29.35	7.66	20.70
R1/192	ASSUMED_PCD	W1/192	35.67	28.27	7.40	20.75
R1/192	ASSUMED_PCD	W2/192	35.62	28.76	6.86	19.26
46 MELLISS AVENUE						
R1/200	ASSUMED	W1/200	31.41	26.31	5.10	16.24
R1/201	ASSUMED	W1/201	36.87	30.10	6.77	18.36
R1/201	ASSUMED	W2/201	36.71	30.35	6.36	17.32
R1/202	ASSUMED	W1/202	35.49	29.39	6.10	17.19
R1/202	ASSUMED	W2/202	35.39	29.63	5.76	16.28
44 MELLISS AVENUE						
R1/210	ASSUMED_PCD	W1/210	27.60	24.42	3.18	11.52

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/211	ASSUMED_PCD	W1/211	36.22	30.39	5.83	16.10
R1/211	ASSUMED_PCD	W2/211	35.16	29.68	5.48	15.59
R1/212	ASSUMED_PCD	W1/212	35.11	29.80	5.31	15.12
R1/212	ASSUMED_PCD	W2/212	34.49	29.49	5.00	14.50
8-14 OAK HOUSE						
R1/220	ASSUMED	W1/220	28.60	26.17	2.43	8.50
R2/220	ASSUMED	W2/220	30.49	27.18	3.31	10.86
R1/221	ASSUMED_PCD	W1/221	35.92	31.08	4.84	13.47
R2/221	ASSUMED	W2/221	34.65	30.42	4.23	12.21
R1/222	ASSUMED_PCD	W1/222	32.68	28.26	4.42	13.53
R2/222	ASSUMED	W2/222	33.42	29.55	3.87	11.58
R1/223	ASSUMED	W1/223	38.10	34.81	3.29	8.64
R1/223	ASSUMED	W2/223	20.97	19.29	1.68	8.01
R1/230	ASSUMED	W1/230	30.60	27.42	3.18	10.39
R2/230	ASSUMED	W2/230	32.05	28.73	3.32	10.36
R1/231	ASSUMED	W1/231	34.23	30.38	3.85	11.25
R2/231	ASSUMED	W2/231	34.53	31.08	3.45	9.99
R1/232	ASSUMED_PCD	W1/232	33.09	29.56	3.53	10.67
R2/232	ASSUMED	W2/232	31.61	28.42	3.19	10.09
R1/233		W1/233	37.53	35.00	2.53	6.74
1-7 OAK HOUSE						
R1/240	ASSUMED	W1/240	31.53	28.36	3.17	10.05
R2/240	ASSUMED	W2/240	29.99	27.16	2.83	9.44

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R1/241	ASSUMED	W1/241	33.73	30.79	2.94	8.72
R2/241	ASSUMED	W2/241	32.23	29.66	2.57	7.97
R1/242	ASSUMED_PCD	W1/242	30.99	28.24	2.75	8.87
R2/242	ASSUMED	W2/242	31.62	29.20	2.42	7.65
R1/243		W1/243	37.16	34.97	2.19	5.89
R1/250	ASSUMED	W1/250	28.28	26.15	2.13	7.53
R2/250	ASSUMED	W2/250	27.40	25.86	1.54	5.62
R1/251	ASSUMED_PCD	W1/251	31.60	29.24	2.36	7.47
R2/251	ASSUMED	W2/251	31.14	29.06	2.08	6.68
R1/252	ASSUMED	W1/252	30.91	28.68	2.23	7.21
R2/252	ASSUMED	W2/252	28.16	26.16	2.00	7.10
R1/253		W1/253	36.21	34.52	1.69	4.67
R1/253		W2/253	33.40	33.40	0.00	0.00
TERRANO HOUSE						
R1/260	ASSUMED_LKD_PCD	W1/260	13.91	13.91	0.00	0.00
R1/260	ASSUMED_LKD_PCD	W2/260	15.47	15.47	0.00	0.00
R1/260	ASSUMED_LKD_PCD	W3/260	29.02	28.84	0.18	0.62
R1/260	ASSUMED_LKD_PCD	W4/260	29.94	28.76	1.18	3.94
R1/260	ASSUMED_LKD_PCD	W5/260	31.15	28.35	2.80	8.99
R1/260	ASSUMED_LKD_PCD	W6/260	32.42	27.57	4.85	14.96
R1/260	ASSUMED_LKD_PCD	W7/260	33.78	27.28	6.50	19.24
R1/260	ASSUMED_LKD_PCD	W8/260	28.57	22.46	6.11	21.39
R1/260	ASSUMED_LKD_PCD	W9/260	31.28	24.07	7.21	23.05
R1/260	ASSUMED_LKD_PCD	W10/260	33.53	25.91	7.62	22.73
R2/260	BEDROOM	W11/260	33.20	25.27	7.93	23.89
R2/260	BEDROOM	W12/260	7.44	5.61	1.83	24.60
R2/260	BEDROOM	W13/260	14.18	6.36	7.82	55.15
R3/260	LKD	W14/260	13.70	7.71	5.99	43.72
R3/260	LKD	W15/260	6.43	5.77	0.66	10.26

FORMER KEW BIOTHANE PLANT DAYLIGHT ANALYSIS
LONDON Existing_trees vs PROPOSED SCHEME DATED 010818

AUG 2018

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R3/260	LKD	W16/260	33.10	24.50	8.60	25.98
R4/260	LKD	W17/260	30.83	21.91	8.92	28.93
R4/260	LKD	W18/260	27.00	21.88	5.12	18.96
R4/260	LKD	W19/260	34.91	25.24	9.67	27.70
R4/260	LKD	W20/260	35.04	26.45	8.59	24.51
R4/260	LKD	W21/260	35.27	28.66	6.61	18.74
R4/260	LKD	W22/260	35.68	31.55	4.13	11.58
R4/260	LKD	W23/260	36.01	33.96	2.05	5.69
R4/260	LKD	W24/260	20.07	20.07	0.00	0.00
R4/260	LKD	W25/260	19.27	19.42	-0.15	-0.78
R4/260	LKD	W26/260	28.74	28.43	0.31	1.08
R5/260	BEDROOM	W27/260	34.69	34.50	0.19	0.55
R6/260	BEDROOM	W28/260	34.97	34.68	0.29	0.83
R6/260	BEDROOM	W29/260	31.36	31.02	0.34	1.08
R1/261	ASSUMED_LKD_PCD	W1/261	16.69	16.69	0.00	0.00
R1/261	ASSUMED_LKD_PCD	W2/261	17.43	17.43	0.00	0.00
R1/261	ASSUMED_LKD_PCD	W3/261	31.95	31.80	0.15	0.47
R1/261	ASSUMED_LKD_PCD	W4/261	32.71	31.70	1.01	3.09
R1/261	ASSUMED_LKD_PCD	W5/261	33.68	31.18	2.50	7.42
R1/261	ASSUMED_LKD_PCD	W6/261	34.69	30.29	4.40	12.68
R1/261	ASSUMED_LKD_PCD	W7/261	35.78	29.79	5.99	16.74
R1/261	ASSUMED_LKD_PCD	W8/261	30.34	24.52	5.82	19.18
R1/261	ASSUMED_LKD_PCD	W9/261	32.96	26.29	6.67	20.24
R1/261	ASSUMED_LKD_PCD	W10/261	35.29	28.25	7.04	19.95
R2/261	BEDROOM	W11/261	35.01	27.67	7.34	20.97
R2/261	BEDROOM	W12/261	8.06	6.28	1.78	22.08
R2/261	BEDROOM	W13/261	15.13	7.91	7.22	47.72
R3/261	LKD	W14/261	14.20	8.86	5.34	37.61
R3/261	LKD	W15/261	7.05	6.49	0.56	7.94
R3/261	LKD	W16/261	34.94	27.01	7.93	22.70
R4/261	LKD	W17/261	32.53	24.23	8.30	25.51
R4/261	LKD	W18/261	28.82	24.16	4.66	16.17
R4/261	LKD	W19/261	37.20	28.31	8.89	23.90
R4/261	LKD	W20/261	37.57	29.73	7.84	20.87
R4/261	LKD	W21/261	37.92	31.94	5.98	15.77
R4/261	LKD	W22/261	38.24	34.60	3.64	9.52
R4/261	LKD	W23/261	38.32	36.65	1.67	4.36