



Project Name:

Mansfield Heights

Drawing Name

Windows Map
Mansfield Heights - South

Date:

09/09/2022

Drawing Number:

5193_B_14



Project Name:

Mansfield Heights

Drawing Name

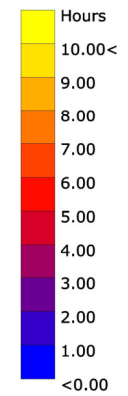
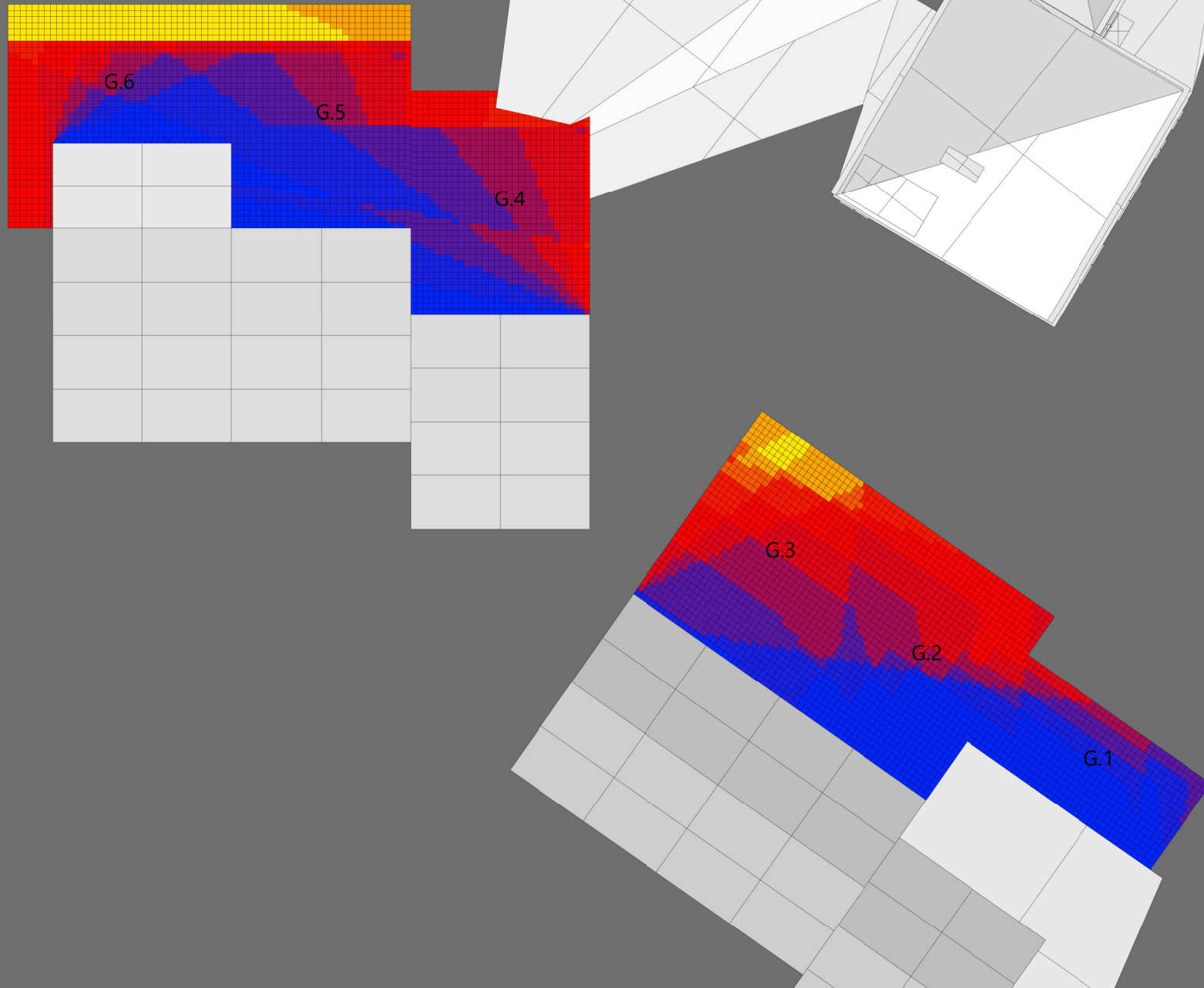
Windows Map
Mansfield Heights - South

Date:

09/09/2022

Drawing Number:

5193_B_15



SunlightHours Analysis

Project Name:

Mansfield Heights

Drawing Name

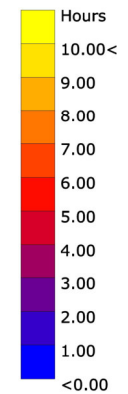
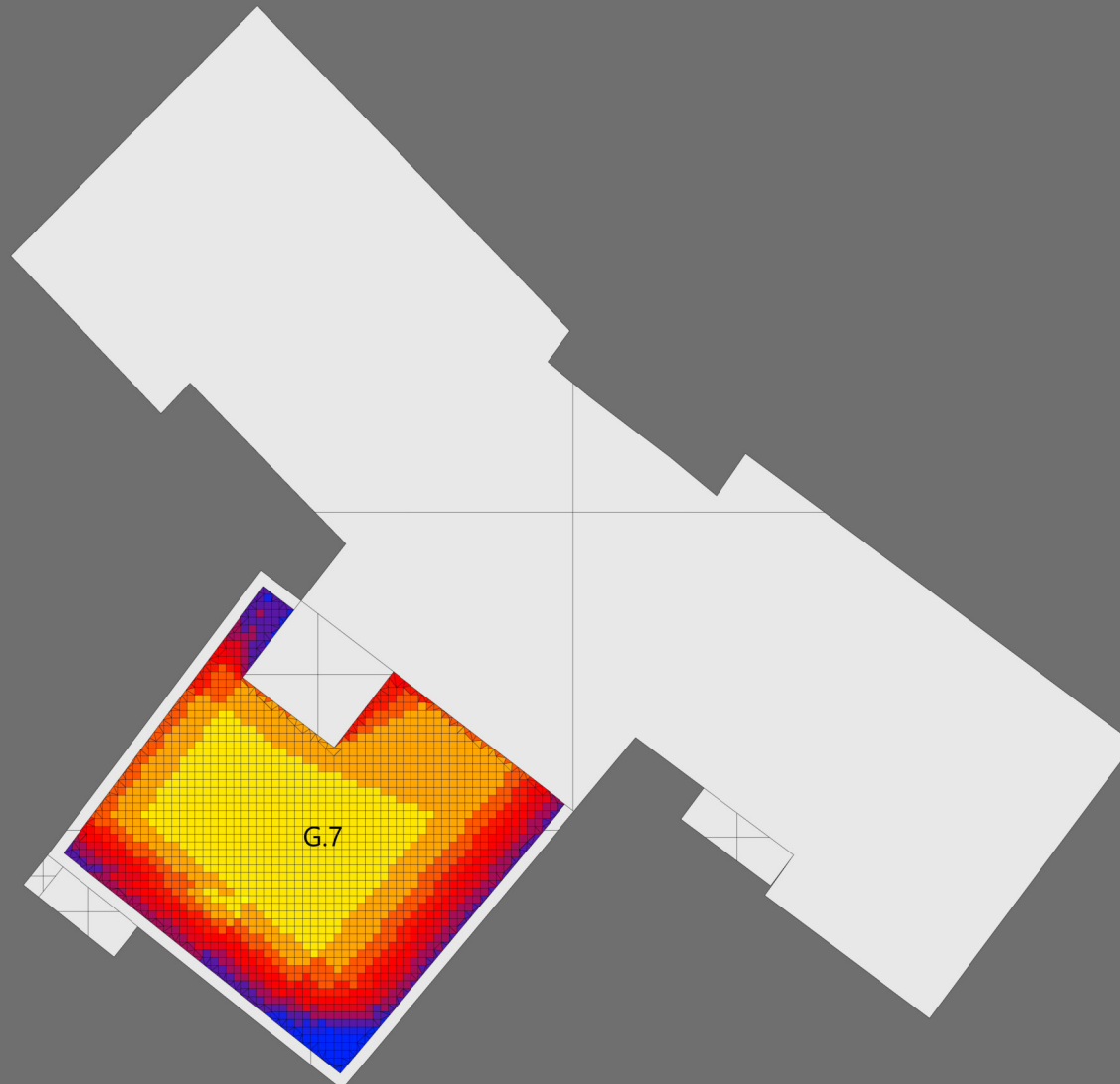
Garden - Sunlight Hours - Existing

Date:

09/09/2022

Drawing Number:

5193_C_01



SunlightHours Analysis

Project Name:

Mansfield Heights

Drawing Name

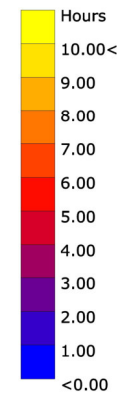
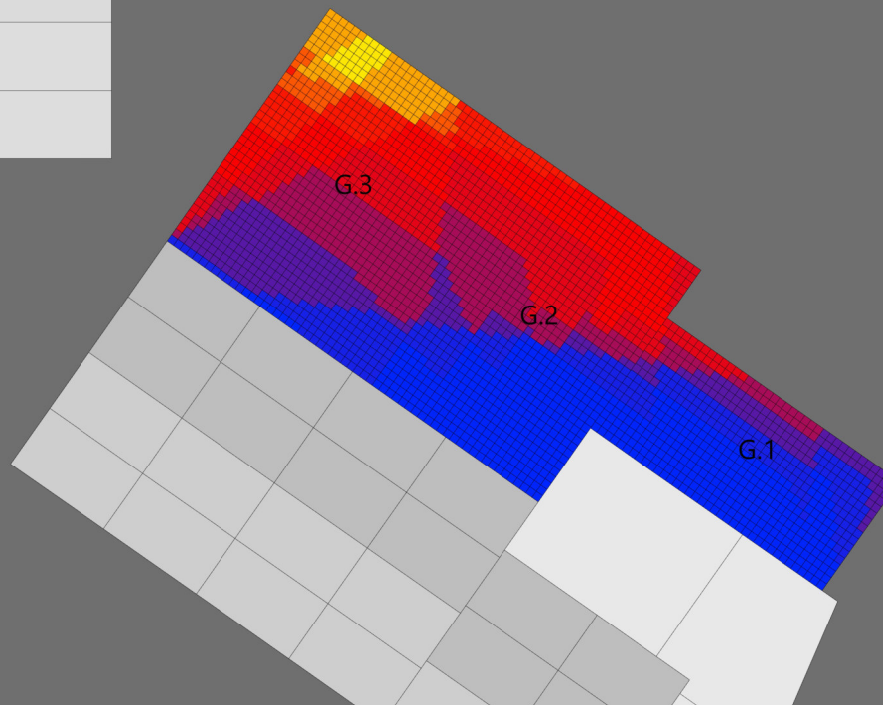
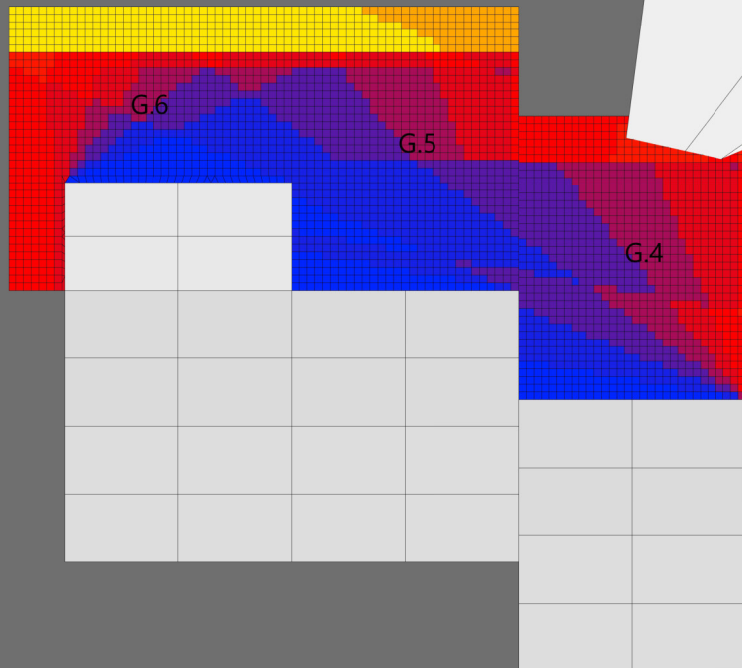
Garden - Sunlight Hours - Existing

Date:

09/09/2022

Drawing Number:

5193_C_02



SunlightHours Analysis

Project Name:

Mansfield Heights

Drawing Name

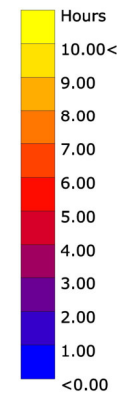
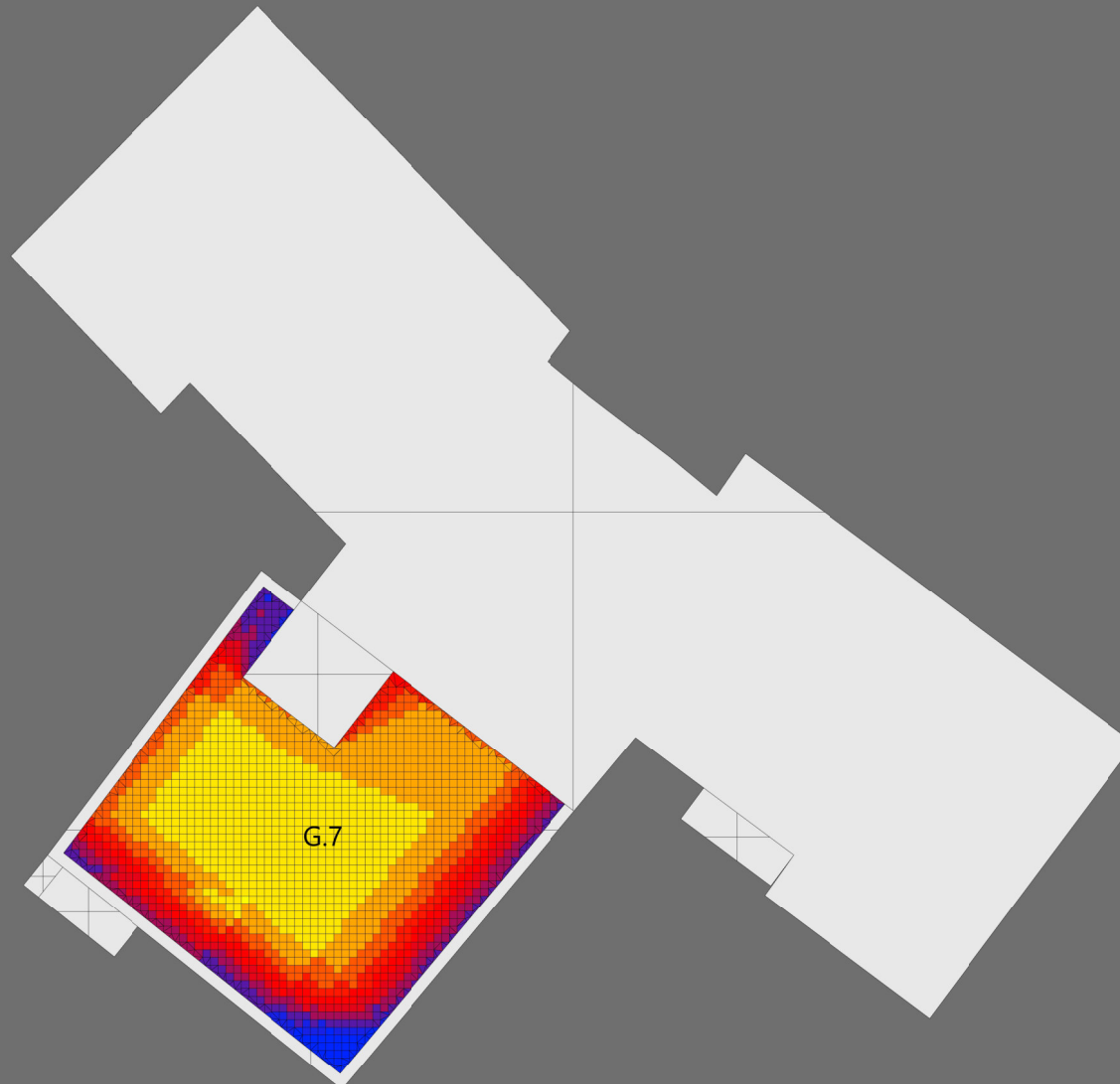
Garden - Sunlight Hours - Proposed

Date:

09/09/2022

Drawing Number:

5193_C_03



SunlightHours Analysis

Project Name:

Mansfield Heights

Drawing Name

Garden - Sunlight Hours - Proposed

Date:

09/09/2022

Drawing Number:

5193_C_04

Daylight and Sunlight Impact Assessment

Mansfield Heights

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Appendix B

Daylight and Sunlight results

Daylight and Sunlight Impact Assessment

Mansfield Heights



Property			VSC Calculations				APSH Calculations						
Property	Window	Room type	VSC (%)		Loss	Compliance	Year (%)			Winter (%)			Compliance
			Before	After			Before	After	Loss	Before	After	Loss	
54-58 Aylmer Road	W.1a	unknown	29.39	29.16	0.8%	PASS	-	-	-	-	-	-	-
	W.1b	unknown	23.55	23.34	0.9%	PASS	-	-	-	-	-	-	-
	W.2a	unknown	33.35	33.12	0.7%	PASS	-	-	-	-	-	-	-
	W.2b	unknown	30.33	30.11	0.7%	PASS	-	-	-	-	-	-	-
	W.3a	unknown	35.19	34.98	0.6%	PASS	-	-	-	-	-	-	-
	W.3b	unknown	35.43	35.23	0.6%	PASS	-	-	-	-	-	-	-
	W.4	unknown	32.52	32.32	0.6%	PASS	-	-	-	-	-	-	-
	W.5	unknown	27.91	27.72	0.7%	PASS	-	-	-	-	-	-	-
	W.6	unknown	35.5	35.29	0.6%	PASS	-	-	-	-	-	-	-
	W.7	unknown	35.98	35.77	0.6%	PASS	-	-	-	-	-	-	-
60-64 Aylmer Road	W.8	unknown	36.32	36.14	0.5%	PASS	-	-	-	-	-	-	-
	W.9	unknown	36.62	36.45	0.5%	PASS	-	-	-	-	-	-	-
	W.10a	unknown	28.02	27.98	0.1%	PASS	-	-	-	-	-	-	-
	W.10b	unknown	30.87	30.87	0.0%	PASS	-	-	-	-	-	-	-
	W.11a	unknown	30.31	30.31	0.0%	PASS	-	-	-	-	-	-	-
	W.11b	unknown	31.88	31.89	0.0%	PASS	-	-	-	-	-	-	-
	W.12a	unknown	30.11	30.03	0.3%	PASS	-	-	-	-	-	-	-
	W.12b	unknown	28.39	28.27	0.4%	PASS	-	-	-	-	-	-	-
	W.13	unknown	32.51	32.5	0.0%	PASS	-	-	-	-	-	-	-
	W.14	unknown	31.67	31.68	0.0%	PASS	-	-	-	-	-	-	-
	W.15	unknown	34.3	34.29	0.0%	PASS	-	-	-	-	-	-	-
	W.16	unknown	34.34	34.33	0.0%	PASS	-	-	-	-	-	-	-
	W.17	unknown	32.99	32.91	0.2%	PASS	-	-	-	-	-	-	-
	W.18	unknown	32.02	31.9	0.4%	PASS	-	-	-	-	-	-	-

Daylight and Sunlight Impact Assessment

Mansfield Heights



Property			VSC Calculations				APSH Calculations						
Property	Window	Room type	VSC (%)		Loss	Compliance	Year (%)			Winter (%)			Compliance
			Before	After			Before	After	Loss	Before	After	Loss	
Manor Court	W.19	unknown	34.39	34.28	0.3%	PASS	-	-	-	-	-	-	-
	W.20	unknown	34.24	34.14	0.3%	PASS	-	-	-	-	-	-	-
	W.21	unknown	33.87	33.78	0.3%	PASS	-	-	-	-	-	-	-
	W.22	unknown	32.14	32.13	0.0%	PASS	-	-	-	-	-	-	-
	W.23	unknown	35.87	35.74	0.4%	PASS	-	-	-	-	-	-	-
	W.24	unknown	35.8	35.68	0.3%	PASS	-	-	-	-	-	-	-
	W.25	unknown	35.57	35.45	0.3%	PASS	-	-	-	-	-	-	-
	W.26	unknown	35.88	35.87	0.0%	PASS	-	-	-	-	-	-	-
	W.27	unknown	37.18	37.05	0.3%	PASS	-	-	-	-	-	-	-
	W.28	unknown	37.17	37.04	0.3%	PASS	-	-	-	-	-	-	-
The Lodge Manor Court	W.29	unknown	37.05	36.92	0.4%	PASS	-	-	-	-	-	-	-
	W.30	unknown	38.45	38.43	0.1%	PASS	-	-	-	-	-	-	-
	W.31	unknown	26.76	26.72	0.1%	PASS	-	-	-	-	-	-	-
66-68 Aylmer Road	W.32a	unknown	27.3	27.06	0.9%	PASS	-	-	-	-	-	-	-
	W.32b	unknown	34.14	34.13	0.0%	PASS	60.1	60.1	0.0	27.3	27.3	0.0	PASS
	W.33	unknown	31.17	30.55	2.0%	PASS	-	-	-	-	-	-	-
	W.34	unknown	30.05	29.39	2.2%	PASS	-	-	-	-	-	-	-
	W.35	Kitchen	19.97	19.68	1.5%	PASS	-	-	-	-	-	-	-
	W.36	Bedroom	19.87	19.61	1.3%	PASS	-	-	-	-	-	-	-
	W.37a	Living room	20.29	20.12	0.8%	PASS	-	-	-	-	-	-	-
	W.37b	Living room	34.08	34.09	0.0%	PASS	64.9	64.9	0.0	29.7	29.7	0.0	PASS
The Chestnuts	W.38	unknown	34.81	34.82	0.0%	PASS	66.3	66.3	0.0	30.9	30.9	0.0	PASS
	W.39	unknown	30.27	29.84	1.4%	PASS	-	-	-	-	-	-	-
	W.40	unknown	29.75	29.29	1.5%	PASS	-	-	-	-	-	-	-
	W.41	unknown	32.24	31.84	1.2%	PASS	-	-	-	-	-	-	-
	W.42	unknown	31.83	31.4	1.4%	PASS	-	-	-	-	-	-	-
	W.43	unknown	34.23	33.86	1.1%	PASS	-	-	-	-	-	-	-
	W.44	unknown	33.93	33.54	1.1%	PASS	-	-	-	-	-	-	-
	W.45	unknown	36.24	35.92	0.9%	PASS	-	-	-	-	-	-	-
The Chestnuts	W.46	unknown	36.07	35.69	1.1%	PASS	-	-	-	-	-	-	-

Daylight and Sunlight Impact Assessment

Mansfield Heights



Property			VSC Calculations				APSH Calculations						
Property	Window	Room type	VSC (%)		Loss	Compliance	Year (%)			Winter (%)			Compliance
			Before	After			Before	After	Loss	Before	After	Loss	
Noble Fields	W.47	unknown	25.04	24.96	0.3%	PASS	54.0	53.7	0.6	28.7	28.4	1.0	PASS
	W.48	unknown	37.72	37.59	0.3%	PASS	68.8	68.1	1.0	28.2	27.5	2.5	PASS
	W.49	unknown	24.35	23.72	2.6%	PASS	46.0	45.0	2.2	22.8	21.8	4.4	PASS
	W.50	unknown	22.25	21.61	2.9%	PASS	43.3	42.5	1.8	22.8	22.0	3.5	PASS
	W.51	Bedroom	18.7	18.43	1.4%	PASS	30.0	29.0	3.3	16.6	15.7	5.4	PASS
	W.52	Bedroom	14.57	14.4	1.2%	PASS	21.1	20.9	0.9	18.0	17.7	1.7	PASS
	W.53	unknown	30.94	30.41	1.7%	PASS	55.1	53.8	2.4	28.1	26.8	4.6	PASS
	W.54	unknown	28.26	27.54	2.5%	PASS	48.6	47.0	3.3	16.0	14.5	9.4	PASS
	W.55	Bedroom	25.33	25.23	0.4%	PASS	54.5	54.0	0.9	29.1	28.7	1.4	PASS
	W.56	unknown	38.11	37.97	0.4%	PASS	69.4	68.7	1.0	28.9	28.1	2.8	PASS
	W.57	unknown	25.92	25.24	2.6%	PASS	47.5	46.3	2.5	24.0	22.8	5.0	PASS
	W.58	unknown	23.48	22.8	2.9%	PASS	44.8	43.7	2.5	24.1	23.0	4.6	PASS
	W.59	unknown	19.22	18.84	2.0%	PASS	30.9	29.8	3.6	17.3	16.3	5.8	PASS
	W.60	unknown	15.04	14.88	1.1%	PASS	21.5	21.1	1.9	18.3	18.0	1.6	PASS
	W.61	unknown	32.41	31.85	1.7%	PASS	57.4	56.2	2.1	29.2	28.0	4.1	PASS
	W.62	unknown	30.59	29.89	2.3%	PASS	52.0	50.3	3.3	17.6	15.9	9.7	PASS
	W.63	unknown	25.54	25.46	0.3%	PASS	55.2	54.4	1.4	29.9	29.1	2.7	PASS
	W.64	unknown	38.45	38.3	0.4%	PASS	70.0	69.3	1.0	29.4	28.7	2.4	PASS
	W.65	unknown	27.81	27.09	2.6%	PASS	48.5	47.4	2.3	24.9	23.8	4.4	PASS
	W.66	unknown	24.97	24.29	2.7%	PASS	47.0	45.4	3.4	25.8	24.2	6.2	PASS
	W.67	unknown	19.8	19.43	1.9%	PASS	32.4	30.9	4.6	18.5	17.0	8.1	PASS
	W.68	unknown	16.07	15.88	1.2%	PASS	24.3	23.6	2.9	19.0	18.2	4.2	PASS
	W.69	unknown	34.36	33.8	1.6%	PASS	60.1	58.8	2.2	30.2	28.9	4.3	PASS
	W.70	unknown	33.42	32.76	2.0%	PASS	55.8	53.9	3.4	19.3	17.5	9.3	PASS
	W.71	unknown	38.83	38.73	0.3%	PASS	72.1	71.0	1.5	31.5	30.5	3.2	PASS
	W.72	unknown	38.7	38.55	0.4%	PASS	71.1	69.8	1.8	30.5	29.3	3.9	PASS
	W.73	unknown	30.19	29.52	2.2%	PASS	51.2	50.0	2.3	26.8	25.5	4.9	PASS
	W.74	unknown	27.07	26.45	2.3%	PASS	48.5	47.2	2.7	26.8	25.5	4.9	PASS
	W.75	unknown	20.74	20.43	1.5%	PASS	35.4	33.0	6.8	20.6	18.2	11.7	PASS
	W.76	unknown	18.91	18.74	0.9%	PASS	29.5	28.7	2.7	20.4	19.6	3.9	PASS
	W.77	unknown	36.67	36.14	1.4%	PASS	67.0	65.0	3.0	31.9	29.9	6.3	PASS
	W.78	unknown	36.25	35.64	1.7%	PASS	61.6	59.1	4.1	24.7	22.2	10.1	PASS
	W.79a	unknown	38.85	38.7	0.4%	PASS	73.4	72.1	1.8	33.2	31.9	3.9	PASS

Daylight and Sunlight Impact Assessment

Mansfield Heights



Property			VSC Calculations				APSH Calculations						
Property	Window	Room type	VSC (%)		Loss	Compliance	Year (%)			Winter (%)			Compliance
			Before	After			Before	After	Loss	Before	After	Loss	
Noble Fields	W.79b	unknown	24.32	23.91	1.7%	PASS	45.8	44.6	2.6	26.1	24.9	4.6	PASS
	W.80	unknown	22.31	22.03	1.3%	PASS	41.1	40.0	2.7	22.4	21.3	4.9	PASS
	W.81	unknown	21.89	21.74	0.7%	PASS	35.9	35.9	0.0	24.3	24.3	0.0	PASS
	W.82	unknown	38.28	37.83	1.2%	PASS	74.6	72.3	3.1	34.3	32.0	6.7	PASS
	W.83	unknown	38.21	37.69	1.4%	PASS	65.6	65.0	0.9	28.6	28.0	2.1	PASS
	W.84	unknown	38.94	38.77	0.4%	PASS	75.4	75.4	0.0	34.0	34.0	0.0	PASS
	W.85	unknown	25.64	25.42	0.9%	PASS	48.8	48.8	0.0	25.7	25.7	0.0	PASS
	W.86	unknown	36.63	36.49	0.4%	PASS	60.6	60.6	0.0	26.0	26.0	0.0	PASS
	W.87	unknown	38.7	38.33	1.0%	PASS	74.7	74.7	0.0	34.3	34.3	0.0	PASS
	W.88	unknown	38.66	38.25	1.1%	PASS	66.2	66.2	0.0	29.2	29.2	0.0	PASS
Mansfield Heights - North Block	W.89	unknown	32.81	31.29	4.6%	PASS	59.0	56.9	3.6	24.5	22.6	7.8	PASS
	W.90a	unknown	31.91	30.13	5.6%	PASS	58.7	56.4	3.9	23.2	22.2	4.3	PASS
	W.90b	unknown	31.5	29.58	6.1%	PASS	57.9	55.5	4.1	22.3	21.0	5.8	PASS
	W.91	unknown	29.21	26.56	9.1%	PASS	56.9	54.1	4.9	20.3	19.9	2.0	PASS
	W.92a	unknown	28.74	26.1	9.2%	PASS	55.9	51.9	7.2	20.2	20.0	1.0	PASS
	W.92b	unknown	28.89	26.29	9.0%	PASS	57.0	53.3	6.5	21.1	21.0	0.5	PASS
	W.93a	unknown	29.25	26.8	8.4%	PASS	56.9	53.7	5.6	21.8	21.8	0.0	PASS
	W.93b	unknown	29.65	27.41	7.6%	PASS	56.9	53.0	6.9	22.1	22.1	0.0	PASS
	W.94	unknown	30.59	28.55	6.7%	PASS	58.9	54.9	6.8	23.5	23.5	0.0	PASS
	W.95	unknown	31.33	29.52	5.8%	PASS	59.2	55.6	6.1	25.5	25.4	0.4	PASS
	W.96a	unknown	32.64	31.17	4.5%	PASS	61.1	57.7	5.6	26.1	26.1	0.0	PASS
	W.96b	unknown	33.21	31.87	4.0%	PASS	62.1	58.3	6.1	26.4	26.4	0.0	PASS
	W.97a	unknown	33.71	32.57	3.4%	PASS	61.2	57.4	6.2	26.5	26.5	0.0	PASS
	W.97b	unknown	34.05	33.02	3.0%	PASS	61.2	57.3	6.4	26.9	26.9	0.0	PASS
	W.98	unknown	34.77	33.95	2.4%	PASS	63.0	60.5	4.0	27.2	27.2	0.0	PASS
	W.99	unknown	33.88	32.21	4.9%	PASS	62.9	60.5	3.8	25.8	23.5	8.9	PASS
	W.100a	unknown	33.07	31.08	6.0%	PASS	60.6	58.1	4.1	24.4	22.4	8.2	PASS
	W.100b	unknown	32.72	30.54	6.7%	PASS	60.6	58.1	4.1	23.4	21.4	8.5	PASS
	W.101	unknown	30.71	27.67	9.9%	PASS	59.2	56.1	5.2	21.0	19.9	5.2	PASS
	W.102a	unknown	30.31	27.23	10.2%	PASS	58.8	54.8	6.8	20.8	20.0	3.8	PASS
	W.102b	unknown	30.48	27.47	9.9%	PASS	59.6	56.1	5.9	21.5	21.0	2.3	PASS
	W.103a	unknown	30.87	28.05	9.1%	PASS	60.6	57.0	5.9	22.6	22.4	0.9	PASS
	W.103b	unknown	31.28	28.69	8.3%	PASS	59.2	55.0	7.1	22.3	22.2	0.4	PASS

Daylight and Sunlight Impact Assessment

Mansfield Heights



Property			VSC Calculations				APSH Calculations						
Property	Window	Room type	VSC (%)		Loss	Compliance	Year (%)			Winter (%)			Compliance
			Before	After			Before	After	Loss	Before	After	Loss	
Mansfield Heights - North Block	W.104	unknown	32.16	29.89	7.1%	PASS	62.2	59.1	5.0	25.1	25.1	0.0	PASS
	W.105	unknown	32.77	30.92	5.6%	PASS	61.5	57.9	5.9	26.3	26.1	0.8	PASS
	W.106a	unknown	34.02	32.5	4.5%	PASS	63.7	60.9	4.4	27.1	27.1	0.0	PASS
	W.106b	unknown	34.54	33.18	3.9%	PASS	64.4	61.4	4.7	27.7	27.7	0.0	PASS
	W.107a	unknown	34.99	33.82	3.3%	PASS	63.9	60.9	4.7	28.0	28.0	0.0	PASS
	W.107b	unknown	35.26	34.25	2.9%	PASS	62.9	59.8	4.9	27.6	27.6	0.0	PASS
	W.108	unknown	35.88	35.08	2.2%	PASS	66.0	64.3	2.6	29.5	29.5	0.0	PASS
	W.109	unknown	34.88	33.21	4.8%	PASS	65.0	62.4	4.0	27.5	24.8	9.8	PASS
	W.110a	unknown	34.14	32.11	5.9%	PASS	63.1	60.4	4.3	25.8	23.2	10.1	PASS
	W.110b	unknown	33.85	31.61	6.6%	PASS	63.3	60.6	4.3	24.9	22.3	10.4	PASS
	W.111	unknown	32.15	28.95	10.0%	PASS	62.3	58.7	5.8	22.6	20.4	9.7	PASS
	W.112a	unknown	31.81	28.54	10.3%	PASS	61.7	58.1	5.8	21.9	20.4	6.8	PASS
	W.112b	unknown	32.02	28.84	9.9%	PASS	62.1	58.6	5.6	22.6	21.3	5.8	PASS
	W.113a	unknown	32.39	29.45	9.1%	PASS	62.9	59.0	6.2	23.4	22.7	3.0	PASS
	W.113b	unknown	32.79	30.08	8.3%	PASS	63.1	59.3	6.0	24.2	23.8	1.7	PASS
	W.114	unknown	33.61	31.31	6.8%	PASS	64.2	61.4	4.4	25.8	25.7	0.4	PASS
	W.115	unknown	34.44	32.6	5.3%	PASS	65.8	62.8	4.6	28.0	27.9	0.4	PASS
	W.116a	unknown	35.35	33.86	4.2%	PASS	67.1	64.6	3.7	29.0	29.0	0.0	PASS
	W.116b	unknown	35.76	34.45	3.7%	PASS	67.4	65.0	3.6	29.8	29.7	0.3	PASS
	W.117a	unknown	36.15	35.03	3.1%	PASS	67.4	64.8	3.9	30.1	30.0	0.3	PASS
	W.117b	unknown	36.37	35.4	2.7%	PASS	66.3	64.3	3.0	29.6	29.4	0.7	PASS
	W.118	unknown	36.89	36.14	2.0%	PASS	68.5	66.9	2.3	31.2	31.2	0.0	PASS
	W.119a	unknown	33.74	32.28	4.3%	PASS	56.4	53.4	5.3	21.9	18.9	13.7	PASS
	W.119b	unknown	35.73	33.83	5.3%	PASS	67.7	64.6	4.6	29.0	25.9	10.7	PASS
	W.119c	unknown	35.41	33.31	5.9%	PASS	66.6	63.1	5.3	28.0	24.5	12.5	PASS
	W.120a	unknown	34.26	31.15	9.1%	PASS	64.9	60.8	6.3	24.9	21.3	14.5	PASS
	W.120b	unknown	31.57	28.81	8.7%	PASS	49.7	46.2	7.0	18.8	15.6	17.0	PASS
	W.121a	unknown	32.84	30.45	7.3%	PASS	53.1	50.2	5.5	17.2	15.6	9.3	PASS
	W.121b	unknown	35.51	33.3	6.2%	PASS	67.5	64.2	4.9	27.7	26.7	3.6	PASS
	W.122a	unknown	36.39	34.71	4.6%	PASS	68.7	66.1	3.8	29.4	28.7	2.4	PASS
Mansfield Heights - North Block	W.122b	unknown	34.6	33.35	3.6%	PASS	56.6	54.7	3.4	25.5	25.1	1.6	PASS
	W.123a	unknown	34.46	33.61	2.5%	PASS	55.2	54.0	2.2	22.6	22.2	1.8	PASS
	W.123b	unknown	37.84	37.17	1.8%	PASS	70.5	68.8	2.4	32.1	32.1	0.0	PASS

Daylight and Sunlight Impact Assessment

Mansfield Heights



Property			VSC Calculations				APSH Calculations						
Property	Window	Room type	VSC (%)		Loss	Compliance	Year (%)			Winter (%)			Compliance
			Before	After			Before	After	Loss	Before	After	Loss	
Mansfield Heights - South Block	W.124	unknown	31.4	30.28	3.6%	PASS	-	-	-	-	-	-	-
	W.125a	unknown	33.23	32.11	3.4%	PASS	-	-	-	-	-	-	-
	W.125b	unknown	34.87	33.89	2.8%	PASS	-	-	-	-	-	-	-
	W.125c	unknown	24.95	24.96	0.0%	PASS	41.6	41.6	0.0	14.2	14.2	0.0	PASS
	W.126	unknown	32.86	32.85	0.0%	PASS	-	-	-	-	-	-	-
	W.127a	unknown	35.31	34.95	1.0%	PASS	-	-	-	-	-	-	-
	W.127b	unknown	36.34	35.87	1.3%	PASS	-	-	-	-	-	-	-
	W.127c	unknown	24.9	24.9	0.0%	PASS	42.6	42.6	0.0	14.6	14.6	0.0	PASS
	W.128	unknown	31.63	31.63	0.0%	PASS	-	-	-	-	-	-	-
	W.129a	unknown	35.43	35.36	0.2%	PASS	-	-	-	-	-	-	-
	W.129b	unknown	36.8	36.58	0.6%	PASS	-	-	-	-	-	-	-
	W.129c	unknown	24.39	24.37	0.1%	PASS	40.6	40.6	0.0	13.4	13.4	0.0	PASS
	W.130	unknown	32.97	32.98	0.0%	PASS	-	-	-	-	-	-	-
	W.131a	unknown	36.01	35.97	0.1%	PASS	-	-	-	-	-	-	-
	W.131b	unknown	37.02	36.89	0.4%	PASS	-	-	-	-	-	-	-
	W.131c	unknown	23.84	23.85	0.0%	PASS	39.5	39.5	0.0	11.9	11.9	0.0	PASS
	W.132	unknown	31.3	31.3	0.0%	PASS	-	-	-	-	-	-	-
	W.133a	unknown	35.29	35.28	0.0%	PASS	-	-	-	-	-	-	-
	W.133b	unknown	36.72	36.67	0.1%	PASS	-	-	-	-	-	-	-
	W.133c	unknown	22.51	22.51	0.0%	PASS	36.1	36.1	0.0	8.8	8.8	0.0	PASS
	W.134	unknown	31.93	31.92	0.0%	PASS	-	-	-	-	-	-	-
	W.135a	unknown	34.74	34.75	0.0%	PASS	-	-	-	-	-	-	-
	W.135b	unknown	35.21	35.17	0.1%	PASS	-	-	-	-	-	-	-
	W.135c	unknown	31.01	30.99	0.1%	PASS	60.6	60.6	0.0	21.1	21.1	0.0	PASS
	W.136	unknown	32.1	30.51	5.0%	PASS	-	-	-	-	-	-	-
	W.137a	unknown	33.92	32.42	4.4%	PASS	-	-	-	-	-	-	-
	W.137b	unknown	35.49	34.26	3.5%	PASS	-	-	-	-	-	-	-
	W.137c	unknown	25.96	25.97	0.0%	PASS	41.6	41.6	0.0	14.3	14.3	0.0	PASS

Daylight and Sunlight Impact Assessment

Mansfield Heights



Property			VSC Calculations				APSH Calculations						
Property	Window	Room type	VSC (%)		Loss	Compliance	Year (%)			Winter (%)			Compliance
			Before	After			Before	After	Loss	Before	After	Loss	
Mansfield Heights - South Block	W.138	unknown	33.44	33.39	0.1%	PASS	-	-	-	-	-	-	-
	W.139a	unknown	35.96	35.44	1.4%	PASS	-	-	-	-	-	-	-
	W.139b	unknown	36.86	36.34	1.4%	PASS	-	-	-	-	-	-	-
	W.139c	unknown	26.03	26.02	0.0%	PASS	43.7	43.7	0.0	15.0	15.0	0.0	PASS
	W.140	unknown	32.1	32.09	0.0%	PASS	-	-	-	-	-	-	-
	W.141a	unknown	35.94	35.88	0.2%	PASS	-	-	-	-	-	-	-
	W.141b	unknown	37.26	37.02	0.6%	PASS	-	-	-	-	-	-	-
	W.141c	unknown	25.68	25.68	0.0%	PASS	41.5	41.5	0.0	14.2	14.2	0.0	PASS
	W.142	unknown	33.55	33.56	0.0%	PASS	-	-	-	-	-	-	-
	W.143a	unknown	36.59	36.54	0.1%	PASS	-	-	-	-	-	-	-
	W.143b	unknown	37.53	37.42	0.3%	PASS	-	-	-	-	-	-	-
	W.143c	unknown	25.45	25.46	0.0%	PASS	42.7	42.7	0.0	14.1	14.1	0.0	PASS
	W.144	unknown	31.96	31.96	0.0%	PASS	-	-	-	-	-	-	-
	W.145a	unknown	35.98	35.99	0.0%	PASS	-	-	-	-	-	-	-
	W.145b	unknown	37.43	37.35	0.2%	PASS	-	-	-	-	-	-	-
	W.145c	unknown	24.78	24.76	0.1%	PASS	38.7	38.7	0.0	11.4	11.4	0.0	PASS
	W.146	unknown	33.06	33.05	0.0%	PASS	-	-	-	-	-	-	-
	W.147a	unknown	36.07	36.07	0.0%	PASS	-	-	-	-	-	-	-
	W.147b	unknown	36.89	36.84	0.1%	PASS	-	-	-	-	-	-	-
	W.147c	unknown	35.3	35.3	0.0%	PASS	70.1	70.1	0.0	28.7	28.7	0.0	PASS
	W.148	unknown	32.85	30.64	6.7%	PASS	-	-	-	-	-	-	-
	W.149a	unknown	34.55	32.65	5.5%	PASS	-	-	-	-	-	-	-
	W.149b	unknown	35.95	34.47	4.1%	PASS	-	-	-	-	-	-	-
	W.149c	unknown	27.78	27.77	0.0%	PASS	45.6	45.6	0.0	15.2	15.2	0.0	PASS
	W.150	unknown	34.56	34.14	1.2%	PASS	-	-	-	-	-	-	-
	W.151a	unknown	36.37	35.85	1.4%	PASS	-	-	-	-	-	-	-
	W.151b	unknown	37.07	36.44	1.7%	PASS	-	-	-	-	-	-	-
	W.151c	unknown	27.87	27.86	0.0%	PASS	47.2	47.2	0.0	15.9	15.9	0.0	PASS

Daylight and Sunlight Impact Assessment

Mansfield Heights



Property			VSC Calculations				APSH Calculations						
Property	Window	Room type	VSC (%)		Loss	Compliance	Year (%)			Winter (%)			Compliance
			Before	After			Before	After	Loss	Before	After	Loss	
Mansfield Heights - South Block	W.152	unknown	33.1	33.1	0.0%	PASS	-	-	-	-	-	-	-
	W.153a	unknown	36.37	36.13	0.7%	PASS	-	-	-	-	-	-	-
	W.153b	unknown	37.33	37.06	0.7%	PASS	-	-	-	-	-	-	-
	W.153c	unknown	27.67	27.68	0.0%	PASS	45.4	45.4	0.0	15.1	15.1	0.0	PASS
	W.154	unknown	34.46	34.46	0.0%	PASS	-	-	-	-	-	-	-
	W.155a	unknown	36.89	36.78	0.3%	PASS	-	-	-	-	-	-	-
	W.155b	unknown	37.47	37.34	0.3%	PASS	-	-	-	-	-	-	-
	W.155c	unknown	27.68	27.68	0.0%	PASS	46.9	46.9	0.0	15.7	15.7	0.0	PASS
	W.156	unknown	32.97	32.98	0.0%	PASS	-	-	-	-	-	-	-
	W.157a	unknown	36.4	36.41	0.0%	PASS	-	-	-	-	-	-	-
	W.157b	unknown	37.49	37.39	0.3%	PASS	-	-	-	-	-	-	-
	W.157c	unknown	27.57	27.57	0.0%	PASS	45.0	45.0	0.0	14.6	14.6	0.0	PASS
	W.158	unknown	34.48	34.47	0.0%	PASS	-	-	-	-	-	-	-
	W.159a	unknown	37.03	37.01	0.1%	PASS	-	-	-	-	-	-	-
	W.159b	unknown	37.7	37.64	0.2%	PASS	-	-	-	-	-	-	-
	W.159c	unknown	38.42	38.42	0.0%	PASS	75.5	75.5	0.0	34.0	34.0	0.0	PASS
	W.160a	unknown	34.61	31.26	9.7%	PASS	-	-	-	-	-	-	-
	W.160b	unknown	35.98	33.45	7.0%	PASS	-	-	-	-	-	-	-
	W.160c	unknown	18.2	18.19	0.1%	PASS	33.2	33.2	0.0	17.3	17.3	0.0	PASS
	W.161a	unknown	37.03	36.07	2.6%	PASS	-	-	-	-	-	-	-
	W.161b	unknown	37.65	36.73	2.4%	PASS	-	-	-	-	-	-	-
	W.161c	unknown	15.97	15.96	0.1%	PASS	31.2	31.2	0.0	15.2	15.2	0.0	PASS
	W.162a	unknown	35.21	35.19	0.1%	PASS	-	-	-	-	-	-	-
	W.162b	unknown	37.76	37.66	0.3%	PASS	-	-	-	-	-	-	-
	W.162c	unknown	18.17	18.17	0.0%	PASS	33.1	33.1	0.0	17.3	17.3	0.0	PASS
	W.163a	unknown	37.33	37.33	0.0%	PASS	-	-	-	-	-	-	-
	W.163b	unknown	38.38	38.19	0.5%	PASS	-	-	-	-	-	-	-
	W.163c	unknown	15.93	15.93	0.0%	PASS	31.2	31.2	0.0	15.1	15.1	0.0	PASS

Daylight and Sunlight Impact Assessment

Mansfield Heights



Property			VSC Calculations				APSH Calculations						
Property	Window	Room type	VSC (%)		Loss	Compliance	Year (%)			Winter (%)			Compliance
			Before	After			Before	After	Loss	Before	After	Loss	
Mansfield Heights - South Block	W.164a	unknown	35.27	35.27	0.0%	PASS	-	-	-	-	-	-	-
	W.164b	unknown	37.9	37.9	0.0%	PASS	-	-	-	-	-	-	-
	W.164c	unknown	18.25	18.25	0.0%	PASS	33.2	33.2	0.0	17.4	17.4	0.0	PASS
	W.165a	unknown	37.4	37.4	0.0%	PASS	-	-	-	-	-	-	-
	W.165b	unknown	38.51	38.49	0.1%	PASS	-	-	-	-	-	-	-
	W.165c	unknown	19.02	19.02	0.0%	PASS	34.8	34.8	0.0	18.7	18.7	0.0	PASS
			Total number of windows			243	Total number of windows						126
			Pass			243	Pass						126
						100.0%							100.0%
			Fail			0	Fail						0
						0.0%							0.0%

Daylight and Sunlight Impact Assessment

Mansfield Heights



Property			NSL Calculations			
Property	Window	Room type	NSL (%)		Loss	Compliance
			Before	After		
54-58 Aylmer Road	Room.1	unknown	94.7	94.7	0.0%	PASS
	Room.2	unknown	96.9	96.9	0.0%	PASS
	Room.3	unknown	100	100	0.0%	PASS
	Room.4	unknown	91.7	91.7	0.0%	PASS
	Room.5	unknown	73	73	0.0%	PASS
	Room.6	unknown	93.9	93.9	0.0%	PASS
	Room.7	unknown	73	73	0.0%	PASS
	Room.8	unknown	93.9	93.9	0.0%	PASS
	Room.9	unknown	73	73	0.0%	PASS
60-64 Aylmer Road	Room.10	unknown	99.3	99.3	0.0%	PASS
	Room.11	unknown	98.5	98.5	0.0%	PASS
	Room.12	unknown	100	100	0.0%	PASS
	Room.13	unknown	72.6	72.6	0.0%	PASS
	Room.14	unknown	90.7	90.7	0.0%	PASS
	Room.15	unknown	83.7	83.7	0.0%	PASS
	Room.16	unknown	74.3	74.3	0.0%	PASS
	Room.17	unknown	81.8	81.8	0.0%	PASS
	Room.18	unknown	74.3	74.3	0.0%	PASS

Daylight and Sunlight Impact Assessment

Mansfield Heights

Property			NSL Calculations			
Property	Window	Room type	NSL (%)		Loss	Compliance
			Before	After		
Manor Court	Room.19	unknown	40.1	39.8	0.7%	PASS
	Room.20	unknown	82.8	82.8	0.0%	PASS
	Room.21	unknown	84.6	84.6	0.0%	PASS
	Room.22	unknown	87.3	87.3	0.0%	PASS
	Room.23	unknown	48.8	46.4	4.9%	PASS
	Room.24	unknown	82.8	82.8	0.0%	PASS
	Room.25	unknown	84.6	84.6	0.0%	PASS
	Room.26	unknown	93.7	93.7	0.0%	PASS
	Room.27	unknown	49.3	49	0.6%	PASS
	Room.28	unknown	82.8	82.8	0.0%	PASS
	Room.29	unknown	84.6	84.6	0.0%	PASS
The Lodge Manor Court	Room.30	unknown	93.9	93.9	0.0%	PASS
	Room.31	unknown	73.7	73.7	0.0%	PASS
66-68 Aylmer Road	Room.32	unknown	100	100	0.0%	PASS
	Room.33	unknown	97.9	97.9	0.0%	PASS
	Room.34	unknown	96.7	94	2.8%	PASS
	Room.35	Kitchen	27.6	27.6	0.0%	PASS
	Room.36	Bedroom	42.2	42.1	0.2%	PASS
	Room.37	unknown	86.9	86.9	0.0%	PASS
	Room.38	unknown	97.5	97.5	0.0%	PASS
The Chestnuts	Room.39	unknown	49.6	48.3	2.6%	PASS
	Room.40	unknown	45.2	45.2	0.0%	PASS
	Room.41	unknown	53.2	52.1	2.1%	PASS
	Room.42	unknown	46.2	46.2	0.0%	PASS
	Room.43	unknown	60.7	60.7	0.0%	PASS
	Room.44	unknown	55.6	55.6	0.0%	PASS
	Room.45	unknown	79.4	79.4	0.0%	PASS
	Room.46	unknown	81.6	81.6	0.0%	PASS

Daylight and Sunlight Impact Assessment

Mansfield Heights



Property			NSL Calculations			
Property	Window	Room type	NSL (%)		Loss	Compliance
			Before	After		
Noble Fields	Room.47	unknown	96.3	96.3	0.0%	PASS
	Room.48	unknown	93.8	93.7	0.1%	PASS
	Room.49	unknown	82.9	82.9	0.0%	PASS
	Room.50	unknown	73.3	71.3	2.7%	PASS
	Room.51	Bedroom	46.9	46.9	0.0%	PASS
	Room.52	Bedroom	84.5	83.6	1.1%	PASS
	Room.53	unknown	94.4	94.4	0.0%	PASS
	Room.54	unknown	77.7	77.7	0.0%	PASS
	Room.55	Bedroom	96.3	96.3	0.0%	PASS
	Room.56	unknown	94.2	93.8	0.4%	PASS
	Room.57	unknown	86.3	86.3	0.0%	PASS
	Room.58	unknown	75.3	72.4	3.9%	PASS
	Room.59	unknown	46.9	46.9	0.0%	PASS
	Room.60	unknown	84.8	84.4	0.5%	PASS
	Room.61	unknown	95.3	95.3	0.0%	PASS
	Room.62	unknown	77.9	77.9	0.0%	PASS
	Room.63	unknown	96.3	96.3	0.0%	PASS
	Room.64	unknown	95.2	93.9	1.4%	PASS
	Room.65	unknown	86.5	86.5	0.0%	PASS
	Room.66	unknown	78.2	76.5	2.2%	PASS
	Room.67	unknown	46.9	46.9	0.0%	PASS
	Room.68	unknown	85.5	85.4	0.1%	PASS
	Room.69	unknown	96.3	96.3	0.0%	PASS
	Room.70	unknown	84.8	84.8	0.0%	PASS
	Room.71	unknown	95.7	95.7	0.0%	PASS
	Room.72	unknown	95.6	95.2	0.4%	PASS
	Room.73	unknown	90.5	90.5	0.0%	PASS
	Room.74	unknown	80.4	79.7	0.9%	PASS

Daylight and Sunlight Impact Assessment

Mansfield Heights



Property			NSL Calculations			
Property	Window	Room type	NSL (%)		Loss	Compliance
			Before	After		
Noble Fields	Room.75	unknown	50.4	50.4	0.0%	PASS
	Room.76	unknown	92.1	92.1	0.0%	PASS
	Room.77	unknown	96.7	96.7	0.0%	PASS
	Room.78	unknown	95.2	95.2	0.0%	PASS
	Room.79	unknown	100	100	0.0%	PASS
	Room.80	unknown	75.4	75.4	0.0%	PASS
	Room.81	unknown	93.7	93.7	0.0%	PASS
	Room.82	unknown	96.7	96.7	0.0%	PASS
	Room.83	unknown	95.2	95.2	0.0%	PASS
	Room.84	unknown	95.1	95.1	0.0%	PASS
	Room.85	unknown	87.2	87.2	0.0%	PASS
	Room.86	unknown	96.3	96.3	0.0%	PASS
	Room.87	unknown	96.9	96.9	0.0%	PASS
	Room.88	unknown	95	95	0.0%	PASS
Mansfield Heights - North Block	Room.89	unknown	82.1	81.1	1.2%	PASS
	Room.90	unknown	96.4	96.4	0.0%	PASS
	Room.91	unknown	64.5	64.5	0.0%	PASS
	Room.92	unknown	96.1	96.1	0.0%	PASS
	Room.93	unknown	95.1	95.1	0.0%	PASS
	Room.94	unknown	68	68	0.0%	PASS
	Room.95	unknown	74.7	72.5	2.9%	PASS
	Room.96	unknown	94.8	94.8	0.0%	PASS
	Room.97	unknown	97.4	97.4	0.0%	PASS
	Room.98	unknown	92.5	89.9	2.8%	PASS
	Room.99	unknown	84.2	81.2	3.6%	PASS
	Room.100	unknown	96.4	96.4	0.0%	PASS
	Room.101	unknown	65.7	64.5	1.8%	PASS
	Room.102	unknown	97	97	0.0%	PASS

Daylight and Sunlight Impact Assessment

Mansfield Heights



Property			NSL Calculations			
Property	Window	Room type	NSL (%)		Loss	Compliance
			Before	After		
Mansfield Heights - North Block	Room.103	unknown	97.3	97.3	0.0%	PASS
	Room.104	unknown	72.3	70.1	3.0%	PASS
	Room.105	unknown	78.7	73.7	6.4%	PASS
	Room.106	unknown	97.7	97.7	0.0%	PASS
	Room.107	unknown	97.3	97.3	0.0%	PASS
	Room.108	unknown	92.2	92.2	0.0%	PASS
	Room.109	unknown	86	82.2	4.4%	PASS
	Room.110	unknown	96.9	96.9	0.0%	PASS
	Room.111	unknown	68.3	64.5	5.6%	PASS
	Room.112	unknown	97	97	0.0%	PASS
	Room.113	unknown	96.6	96.6	0.0%	PASS
	Room.114	unknown	77.6	72.7	6.3%	PASS
	Room.115	unknown	83.7	77.1	7.9%	PASS
	Room.116	unknown	96.7	96.7	0.0%	PASS
	Room.117	unknown	97.9	97.9	0.0%	PASS
	Room.118	unknown	92.5	92.5	0.0%	PASS
	Room.119	unknown	96.7	96.7	0.0%	PASS
	Room.120	unknown	95.7	81.8	14.5%	PASS
	Room.121	unknown	95.2	89.4	6.1%	PASS
Mansfield Heights - South Block	Room.122	unknown	96.2	96.2	0.0%	PASS
	Room.123	unknown	95.2	95.2	0.0%	PASS
	Room.124	unknown	88.2	88.2	0.0%	PASS
	Room.125	unknown	100	100	0.0%	PASS
	Room.126	unknown	89.4	89.4	0.0%	PASS
	Room.127	unknown	100	100	0.0%	PASS
	Room.128	unknown	88.2	88.2	0.0%	PASS
	Room.129	unknown	100	100	0.0%	PASS
	Room.130	unknown	89.5	89.5	0.0%	PASS

Daylight and Sunlight Impact Assessment

Mansfield Heights



Property			NSL Calculations			
Property	Window	Room type	NSL (%)		Loss	Compliance
			Before	After		
Mansfield Heights - South Block	Room.131	unknown	100	100	0.0%	PASS
	Room.132	unknown	88.2	88.2	0.0%	PASS
	Room.133	unknown	100	100	0.0%	PASS
	Room.134	unknown	88.6	88.6	0.0%	PASS
	Room.135	unknown	100	100	0.0%	PASS
	Room.136	unknown	90.3	88.2	2.3%	PASS
	Room.137	unknown	100	100	0.0%	PASS
	Room.138	unknown	89.7	89.5	0.2%	PASS
	Room.139	unknown	100	100	0.0%	PASS
	Room.140	unknown	88.2	88.2	0.0%	PASS
	Room.141	unknown	100	100	0.0%	PASS
	Room.142	unknown	89.7	89.7	0.0%	PASS
	Room.143	unknown	100	100	0.0%	PASS
	Room.144	unknown	88.2	88.2	0.0%	PASS
	Room.145	unknown	100	100	0.0%	PASS
	Room.146	unknown	89.7	89.7	0.0%	PASS
	Room.147	unknown	100	100	0.0%	PASS
	Room.148	unknown	90.3	88.2	2.3%	PASS
	Room.149	unknown	100	100	0.0%	PASS
	Room.150	unknown	90.6	89.6	1.1%	PASS
	Room.151	unknown	100	100	0.0%	PASS
	Room.152	unknown	88.3	88.3	0.0%	PASS
	Room.153	unknown	100	100	0.0%	PASS
	Room.154	unknown	90.6	90.6	0.0%	PASS
	Room.155	unknown	100	100	0.0%	PASS
	Room.156	unknown	88.2	88.2	0.0%	PASS
	Room.157	unknown	100	100	0.0%	PASS
	Room.158	unknown	90.6	90.6	0.0%	PASS

Daylight and Sunlight Impact Assessment

Mansfield Heights



Property			NSL Calculations			
Property	Window	Room type	NSL (%)		Loss	Compliance
			Before	After		
Mansfield Heights - South Block	Room.159	unknown	100	100	0.0%	PASS
	Room.160	unknown	100	100	0.0%	PASS
	Room.161	unknown	97.3	97.3	0.0%	PASS
	Room.162	unknown	100	100	0.0%	PASS
	Room.163	unknown	97.3	97.3	0.0%	PASS
	Room.164	unknown	100	100	0.0%	PASS
	Room.165	unknown	97.3	97.3	0.0%	PASS
			Total number of rooms			165
			Pass			165
						100.0%
			Fail			0
						0.0%

Daylight and Sunlight Impact Assessment

Mansfield Heights



Garden					
Area with at least 2 hours of sunlight (%)				Loss	Compliance
Property	Garden	Before	After		
64 Aylmer Road	Garden.1	14.6	14.6	0.0%	PASS
62 Aylmer Road	Garden.2	55.3	55.3	0.0%	PASS
60 Aylmer Road	Garden.3	76.6	76.6	0.0%	PASS
58 Aylmer Road	Garden.4	57.7	57.7	0.0%	PASS
56 Aylmer Road	Garden.5	44.3	44.3	0.0%	PASS
54 Aylmer Road	Garden.6	70.3	70.3	0.0%	PASS
Noble Fields	Garden.7	95.4	95.4	0.0%	PASS
Total number of gardens					7
Pass					7
					100.0%
Fail					0
					0.0%