



**DAYLIGHT ANALYSIS
BACTON LOW RISE
13-Mar-13**

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	% of Room Area	% Loss of Existing
1-49 VICAR'S ROAD										
GROUND FLOOR										
R2/230		W3/230	38.28	31.38	>27	3.78	3.17	16.02%	99.92%	0.00%
		W4/230	38.15	30.81	>27					
		W5/230	38.07	30.38	>27					
R3/230		W6/230	38.11	30.13	>27	4.79	3.89	18.66%	100.00%	0.00%
		W7/230	37.94	29.53	>27					
R4/230		W8/230	37.89	29.36	>27	4.32	3.44	20.48%	100.00%	0.00%
		W9/230	37.94	29.09	>27					
R5/230		W10/230	37.84	28.48	>27	4.40	3.40	22.82%	95.67%	4.33%
		W11/230	37.67	27.91	>27					
		W12/230	37.59	27.73	>27					
R6/230		W13/230	37.62	27.52	>27	4.32	3.25	24.75%	82.87%	17.13%
		W14/230	37.44	26.97	27.96%					
R7/230		W15/230	37.39	26.82	28.27%	4.45	3.28	26.26%	79.02%	20.98%
		W16/230	37.43	26.64	28.83%					
R9/230		W19/230	37.05	25.23	31.90%	4.16	2.88	30.66%	68.03%	31.91%
		W20/230	36.83	24.84	32.55%					
		W21/230	36.78	24.91	32.27%					
R10/230		W22/230	36.89	24.96	32.34%	1.63	0.99	39.09%	35.82%	63.42%
		W23/230	36.63	24.40	33.39%					
R11/230		W24/230	36.54	24.33	33.42%	4.25	2.93	31.15%	46.58%	53.42%
		W25/230	36.65	24.58	32.93%					
R12/230		W26/230	36.57	24.54	32.90%	4.44	3.09	30.42%	50.39%	49.61%
		W27/230	36.30	24.27	33.14%					
R13/230		W28/230	36.28	24.23	33.21%	4.30	3.00	30.32%	55.44%	44.56%
		W29/230	36.37	24.53	32.55%					
R14/230		W30/230	36.11	24.33	32.62%	4.47	3.16	29.37%	82.05%	17.95%
		W31/230	36.06	24.46	32.17%					
		W32/230	36.20	24.87	31.30%					
R16/230		W35/230	35.83	25.38	29.17%	3.80	2.84	25.34%	87.97%	11.88%
		W36/230	35.56	25.25	28.99%					
		W37/230	35.51	25.15	29.17%					
R17/230		W38/230	35.48	25.34	28.58%	2.55	1.93	24.29%	88.87%	10.99%
		W39/230	35.38	25.40	28.21%					
R18/230		W40/230	35.35	25.45	28.01%	3.49	2.66	23.80%	89.49%	10.51%
		W41/230	35.56	25.80	27.45%					
FIRST FLOOR										
R2/231		W3/231	38.82	32.30	>27	3.63	3.09	14.87%	100.00%	0.00%
		W4/231	38.73	31.80	>27					
		W5/231	38.67	31.59	>27					
R3/231		W6/231	38.72	31.36	>27	4.85	4.01	17.22%	100.00%	0.00%
		W7/231	38.60	30.62	>27					



Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	% of Room Area	% Loss of Existing
R4/231		W8/231	38.57	30.47	>27	4.49	3.62	19.26%	100.00%	0.00%
		W9/231	38.63	30.27	>27					
R5/231		W10/231	38.60	29.76	>27	4.40	3.45	21.46%	94.72%	5.28%
		W11/231	38.47	29.22	>27					
		W12/231	38.41	29.06	>27					
R6/231		W13/231	38.47	28.92	>27	4.56	3.51	23.02%	85.03%	14.97%
		W14/231	38.31	28.40	>27					
R7/231		W15/231	38.30	28.27	>27	4.86	3.68	24.28%	80.80%	19.10%
		W16/231	38.37	28.17	>27					
R9/231		W19/231	38.19	27.18	>27	4.51	3.23	28.42%	70.21%	29.79%
		W20/231	38.00	26.74	29.63%					
		W21/231	37.97	26.68	29.73%					
R10/231		W22/231	38.09	26.69	29.93%	4.50	3.23	28.29%	52.16%	47.84%
		W23/231	37.89	26.46	30.17%					
R11/231		W24/231	37.82	26.36	30.30%	4.45	3.18	28.55%	52.16%	47.78%
		W25/231	37.96	26.52	30.14%					
R12/231		W26/231	37.92	26.55	29.98%	4.52	3.26	27.90%	52.57%	47.36%
		W27/231	37.71	26.29	30.28%					
R13/231		W28/231	37.68	26.25	30.33%	4.57	3.27	28.36%	70.20%	29.80%
		W29/231	37.80	26.62	29.58%					
		W30/231	37.57	26.53	29.39%					
R14/231		W31/231	37.55	26.53	29.35%	4.55	3.37	26.04%	71.58%	28.42%
		W32/231	37.70	26.95	28.51%					
R16/231		W35/231	37.52	27.56	>27	4.44	3.41	23.18%	89.26%	10.65%
		W36/231	37.27	27.34	>27					
		W37/231	37.24	27.37	>27					
R17/231		W38/231	37.45	27.77	>27	4.32	3.36	22.25%	87.73%	12.27%
		W39/231	37.18	27.73	>27					
R18/231		W40/231	37.14	27.64	>27	4.01	3.15	21.49%	89.41%	10.59%
		W41/231	37.34	28.14	>27					
SECOND FLOOR										
R2/232		W3/232	39.25	33.30	>27	3.57	3.08	13.75%	99.92%	0.00%
		W4/232	39.23	32.85	>27					
		W5/232	39.19	32.66	>27					
R3/232		W6/232	39.21	32.44	>27	3.59	3.03	15.75%	99.69%	0.00%
		W7/232	39.17	32.00	>27					
R4/232		W8/232	39.17	31.85	>27	4.96	4.11	17.09%	100.00%	0.00%
		W9/232	39.20	31.79	>27					
R5/232		W10/232	39.22	31.17	>27	4.46	3.59	19.46%	95.21%	4.70%
		W11/232	39.18	30.67	>27					
		W12/232	39.13	30.52	>27					
R6/232		W13/232	39.16	30.46	>27	4.63	3.66	20.88%	86.72%	13.28%
		W14/232	39.11	29.98	>27					
R7/232		W15/232	39.11	29.87	>27	4.95	3.86	22.01%	85.42%	14.58%
		W16/232	39.15	29.85	>27					
R9/232		W19/232	39.10	29.09	>27	4.61	3.44	25.43%	73.55%	26.45%
		W20/232	39.05	28.68	>27					
		W21/232	39.04	28.65	>27					
R10/232		W22/232	39.09	28.74	>27	4.17	3.05	26.83%	64.42%	35.58%
		W23/232	39.02	28.50	>27					
		W24/232	38.99	28.43	>27					



Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	% of Room Area	% Loss of Existing
R11/232		W25/232	39.04	28.66	>27	4.39	3.34	23.85%	58.54%	41.36%
R12/232		W26/232	39.04	28.70	>27	4.99	3.77	24.40%	65.17%	34.83%
		W27/232	38.98	28.51	>27					
R13/232		W28/232	38.96	28.50	>27	3.71	2.75	25.86%	69.34%	30.58%
		W29/232	38.99	29.00	>27					
		W30/232	38.90	28.79	>27					
R14/232		W31/232	38.90	28.79	>27	4.66	3.58	23.07%	78.54%	21.46%
		W32/232	38.96	29.26	>27					
R16/232		W35/232	38.90	29.93	>27	4.59	3.65	20.50%	90.64%	9.27%
		W36/232	38.81	29.72	>27					
		W37/232	38.80	29.76	>27					
R17/232		W38/232	38.91	30.20	>27	4.29	3.44	19.78%	90.50%	9.23%
		W39/232	38.79	30.05	>27					
R18/232		W40/232	38.76	30.10	>27	4.30	3.49	18.72%	97.92%	1.99%
		W41/232	38.82	30.60	>27					
THIRD FLOOR										
R2/233		W3/233	39.32	34.35	>27	2.96	2.61	11.74%	100.00%	0.00%
		W4/233	39.33	34.25	>27					
		W5/233	39.32	34.10	>27					
		W6/233	39.28	33.94	>27					
R3/233		W7/233	39.28	33.66	>27	3.88	3.37	13.30%	100.00%	0.00%
		W8/233	39.28	33.44	>27					
R4/233		W9/233	39.27	33.27	>27	3.63	3.10	14.65%	100.00%	0.00%
		W10/233	39.27	33.17	>27					
		W11/233	39.28	32.85	>27					
		W12/233	39.27	32.97	>27					
R5/233		W13/233	39.30	32.77	>27	3.32	2.78	16.33%	95.03%	4.68%
		W14/233	39.30	32.55	>27					
		W15/233	39.25	32.28	>27					
R6/233		W16/233	39.25	32.17	>27	2.30	1.84	19.89%	90.17%	9.63%
		W17/233	39.25	32.10	>27					
		W18/233	39.24	31.87	>27					
		W19/233	39.24	31.72	>27					
R7/233		W20/233	39.24	31.64	>27	3.99	3.25	18.53%	85.53%	14.47%
		W21/233	39.23	31.54	>27					
		W22/233	39.24	31.61	>27					
R9/233		W25/233	39.21	31.04	>27	4.12	3.26	20.90%	87.13%	12.80%
		W26/233	39.21	31.04	>27					
		W27/233	39.21	31.00	>27					
		W28/233	39.20	30.92	>27					
		W29/233	39.20	30.93	>27					
R10/233		W30/233	39.19	30.92	>27	1.38	1.03	25.36%	65.67%	31.89%
		W31/233	39.16	30.85	>27					
R11/233		W32/233	39.14	30.81	>27	3.75	2.98	20.60%	81.88%	18.12%
		W33/233	39.16	30.94	>27					
		W34/233	39.18	30.96	>27					
R12/233		W35/233	39.17	30.97	>27	3.55	2.80	21.01%	78.70%	21.21%
		W36/233	39.17	31.17	>27					
		W37/233	39.16	31.15	>27					
		W38/233	39.16	31.16	>27					



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			Exist	Prop	% Loss	Exist	Prop	% Loss	% of Room Area	% Loss of Existing
R13/233		W39/233	39.16	31.21	>27	3.74	3.01	19.36%	88.73%	11.09%
		W40/233	39.10	31.39	>27					
		W41/233	39.09	31.48	>27					
R14/233		W42/233	39.09	31.50	>27	3.78	3.09	18.22%	94.78%	5.22%
		W43/233	39.09	31.66	>27					
		W44/233	39.13	31.81	>27					
R16/233		W47/233	39.05	32.24	>27	3.68	3.12	15.07%	95.89%	4.11%
		W48/233	39.05	32.41	>27					
		W49/233	39.05	32.45	>27					
		W50/233	39.04	32.50	>27					
R17/233		W51/233	39.08	32.86	>27	4.30	3.67	14.67%	98.22%	1.67%
		W52/233	39.09	32.77	>27					
		W53/233	39.02	32.85	>27					
R18/233		W54/233	39.01	32.97	>27	3.69	3.18	13.74%	100.00%	0.00%
		W55/233	39.00	33.08	>27					
		W56/233	39.00	33.24	>27					