

SCALE 1:2750 @ A3

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project
Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

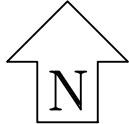
Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context
Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp



Key:
— Baseline Buildings
— Cumulative Buildings
— Mirror Profile

Revisions: Date: Init:

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Deloitte Real Estate

Project:
First Street,
Manchester

Drawing Title:
Site Plan
Mirror Profile of Macintosh Mill

Drawn:	TP	Scale:	1:2750 @ A3
Checked:	-	Date:	Sep 22
Project No:	[3017]	Drawing No:	W130
		Rev No:	-

SCALE NTS @ A3

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project
Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

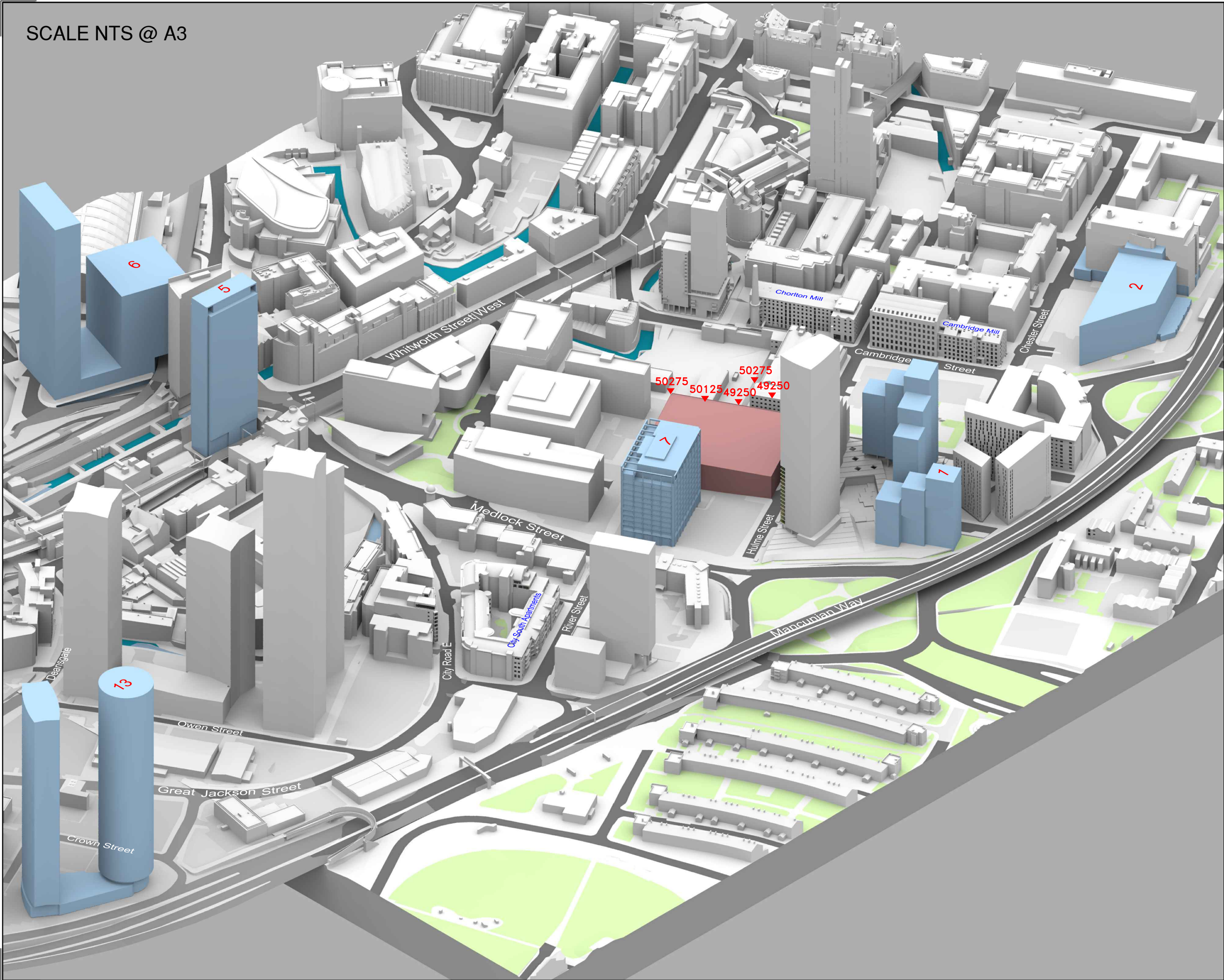
Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context
Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp



Key:
— Baseline Buildings
— Cumulative Buildings
— Mirror Profile

-		
Revisions:	Date:	Init:

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Deloitte Real Estate

Project:
First Street,
Manchester

Drawing Title:
3D View
Mirror Profile of Macintosh Mill

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Sep 22
Project No:	[3017]	Drawing No:	W131
		Rev No:	-

SCALE NTS @ A3

All dimensions to be checked on site.
Do not Scale from the drawing.
Any discrepancies to be reported to the Project
Surveyor before the commencement of any works.

NOTES:
Vertex Survey Info (received 10/08/18)
14107_Chester_Road_Manchester_MASTER.dwg

Ordnance Survey
os-colour.dwg

Cardno
Topographical Survey (received 27/11/15)
3473-0815-91_Final.dwg

Technics
3D Scanning Survey (received 27/11/15)
3519-1115-01_3D Model.dwg

Grayscanlanhill Chartered Building Surveyors
Plot 10 Massing Context Model As proposed.skp
Plot 10 Massing Context Model - Previous SRF (2018).skp

3D Massing (received 31/10/22)
172_TGA_XX_XX_M3_A_0100_P03 White Site Context
Model Massing.skp
1172-TGA-XX-XX-M3-A-0101 - Material Model.skp

Key:
— Baseline Buildings
— Cumulative Buildings
— Mirror Profile

Revisions:	Date:	Init:

Proximity
Kennedy House, 31 Stamford Street,
Altrincham, WA14 1ES

Client:
Deloitte Real Estate

Project:
First Street,
Manchester

Drawing Title:
3D View
Mirror Profile of Macintosh Mill

Drawn:	TP	Scale:	NTS @ A3
Checked:	-	Date:	Sep 22
Project No:	[3017]	Drawing No:	W132
		Rev No:	-

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
Macintosh Mills						
R1/9	LKD	W1/9	26.93	24.71	2.22	8.24
R2/9	BEDROOM	W2/9	26.98	24.19	2.79	10.34
R3/9	BEDROOM	W3/9	26.97	23.45	3.52	13.05
R4/9	LKD	W4/9	27.00	22.61	4.39	16.26
R4/9	LKD	W5/9	11.82	9.25	2.57	21.74
R4/9	LKD	W6/9	11.84	9.23	2.61	22.04
R5/9	BEDROOM	W7/9	13.93	9.38	4.55	32.66
R6/9	STUDIO	W8/9	12.43	9.36	3.07	24.70
R6/9	STUDIO	W9/9	12.14	9.37	2.77	22.82
R7/9	BEDROOM	W10/9	11.14	9.31	1.83	16.43
R7/9	BEDROOM	W11/9	10.89	9.27	1.62	14.88
R8/9	BEDROOM	W12/9	8.54	8.48	0.06	0.70
R10/9	BEDROOM	W14/9	4.75	4.75	0.00	0.00
R11/9	BEDROOM	W15/9	0.40	0.40	0.00	0.00
R12/9	BEDROOM	W16/9	4.27	4.27	0.00	0.00
R13/9	BEDROOM	W17/9	4.34	4.34	0.00	0.00
R13/9	BEDROOM	W18/9	5.53	5.45	0.08	1.45
R16/9	LKD	W21/9	5.25	5.21	0.04	0.76
R16/9	LKD	W22/9	19.51	19.51	0.00	0.00
R16/9	LKD	W23/9	17.33	17.33	0.00	0.00
R16/9	LKD	W24/9	16.51	16.51	0.00	0.00
R17/9		W25/9	10.32	10.32	0.00	0.00
R17/9		W26/9	11.08	11.08	0.00	0.00
R17/9		W27/9	12.16	12.16	0.00	0.00
R17/9		W28/9	13.18	13.18	0.00	0.00
R17/9		W29/9	11.90	11.90	0.00	0.00
R1/10	LKD	W1/10	15.13	15.13	0.00	0.00
R1/10	LKD	W2/10	29.43	27.99	1.44	4.89
R2/10	BEDROOM	W3/10	29.44	27.50	1.94	6.59
R3/10	BEDROOM	W4/10	29.37	26.79	2.58	8.78
R4/10	LKD	W5/10	29.36	25.97	3.39	11.55
R4/10	LKD	W6/10	24.62	11.77	12.85	52.19
R4/10	LKD	W7/10	24.48	11.74	12.74	52.04

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R5/10	BEDROOM	W8/10	24.37	11.65	12.72	52.20
R6/10	BEDROOM	W9/10	24.04	11.64	12.40	51.58
R8/10	LKD	W11/10	23.63	11.49	12.14	51.38
R8/10	LKD	W12/10	23.45	11.42	12.03	51.30
R9/10	BEDROOM	W13/10	23.21	11.31	11.90	51.27
R10/10	LKD	W14/10	22.76	11.21	11.55	50.75
R10/10	LKD	W15/10	22.56	11.11	11.45	50.75
R12/10	BEDROOM	W18/10	22.00	10.81	11.19	50.86
R13/10	BEDROOM	W19/10	21.41	10.67	10.74	50.16
R13/10	BEDROOM	W20/10	23.88	23.73	0.15	0.63
R13/10	BEDROOM	W21/10	24.35	24.24	0.11	0.45
R15/10	LKD	W23/10	25.19	25.15	0.04	0.16
R15/10	LKD	W24/10	25.66	25.66	0.00	0.00
R15/10	LKD	W25/10	20.39	20.39	0.00	0.00
R16/10		W26/10	12.19	12.19	0.00	0.00
R16/10		W27/10	14.75	14.75	0.00	0.00
R1/11	LKD	W1/11	16.41	16.41	0.00	0.00
R1/11	LKD	W2/11	30.90	30.15	0.75	2.43
R2/11	BEDROOM	W3/11	30.87	29.72	1.15	3.73
R3/11	BEDROOM	W4/11	30.78	29.09	1.69	5.49
R4/11	LKD	W5/11	30.75	28.36	2.39	7.77
R4/11	LKD	W6/11	25.31	14.84	10.47	41.37
R4/11	LKD	W7/11	25.18	14.79	10.39	41.26
R5/11	BEDROOM	W8/11	25.07	14.70	10.37	41.36
R6/11	BEDROOM	W9/11	24.71	14.58	10.13	41.00
R8/11	LKD	W11/11	24.32	14.39	9.93	40.83
R8/11	LKD	W12/11	24.17	14.32	9.85	40.75
R9/11	BEDROOM	W13/11	23.92	14.19	9.73	40.68
R10/11	LKD	W14/11	23.47	14.01	9.46	40.31
R10/11	LKD	W15/11	23.26	13.86	9.40	40.41
R12/11	BEDROOM	W17/11	22.71	13.55	9.16	40.33
R13/11	BEDROOM	W18/11	22.12	13.36	8.76	39.60

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R13/11	BEDROOM	W19/11	24.76	24.63	0.13	0.53
R13/11	BEDROOM	W20/11	25.25	25.16	0.09	0.36
R15/11	LKD	W22/11	26.11	26.07	0.04	0.15
R15/11	LKD	W23/11	27.15	27.15	0.00	0.00
R15/11	LKD	W24/11	21.05	21.05	0.00	0.00
R16/11		W25/11	14.00	14.00	0.00	0.00
R16/11		W26/11	17.40	17.40	0.00	0.00
R16/11		W27/11	15.36	15.36	0.00	0.00
R1/12	LKD	W1/12	17.78	17.78	0.00	0.00
R1/12	LKD	W2/12	31.89	31.61	0.28	0.88
R2/12	BEDROOM	W3/12	31.88	31.40	0.48	1.51
R3/12	BEDROOM	W4/12	31.83	31.08	0.75	2.36
R4/12	LKD	W5/12	31.72	30.45	1.27	4.00
R4/12	LKD	W6/12	25.98	18.80	7.18	27.64
R4/12	LKD	W7/12	25.88	18.67	7.21	27.86
R5/12	BEDROOM	W8/12	25.74	18.54	7.20	27.97
R6/12	BEDROOM	W9/12	25.38	18.37	7.01	27.62
R8/12	LKD	W11/12	24.99	18.08	6.91	27.65
R8/12	LKD	W12/12	24.85	17.97	6.88	27.69
R9/12	BEDROOM	W13/12	24.61	17.82	6.79	27.59
R10/12	LKD	W14/12	24.16	17.58	6.58	27.24
R10/12	LKD	W15/12	23.96	17.38	6.58	27.46
R12/12	BEDROOM	W17/12	23.39	16.87	6.52	27.88
R13/12	BEDROOM	W18/12	22.83	16.73	6.10	26.72
R13/12	BEDROOM	W19/12	25.61	25.51	0.10	0.39
R13/12	BEDROOM	W20/12	26.12	26.05	0.07	0.27
R15/12	LKD	W22/12	26.96	26.94	0.02	0.07
R15/12	LKD	W23/12	28.73	28.73	0.00	0.00
R15/12	LKD	W24/12	22.80	22.80	0.00	0.00
R16/12		W25/12	17.52	17.52	0.00	0.00
R16/12		W26/12	20.28	20.28	0.00	0.00
R16/12		W27/12	29.14	29.14	0.00	0.00
R1/13	LKD	W1/13	20.19	20.19	0.00	0.00
R1/13	LKD	W2/13	32.57	32.51	0.06	0.18
R2/13	BEDROOM	W3/13	32.56	32.45	0.11	0.34

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R3/13	BEDROOM	W4/13	32.54	32.35	0.19	0.58
R4/13	LKD	W5/13	32.45	32.07	0.38	1.17
R4/13	LKD	W6/13	26.62	23.23	3.39	12.73
R4/13	LKD	W7/13	26.52	23.08	3.44	12.97
R5/13	BEDROOM	W8/13	26.38	22.92	3.46	13.12
R6/13	BEDROOM	W9/13	26.00	22.63	3.37	12.96
R8/13	LKD	W11/13	25.62	22.28	3.34	13.04
R8/13	LKD	W12/13	25.46	22.07	3.39	13.32
R9/13	BEDROOM	W13/13	25.25	21.93	3.32	13.15
R10/13	LKD	W14/13	24.80	21.57	3.23	13.02
R10/13	LKD	W15/13	24.62	21.37	3.25	13.20
R12/13	BEDROOM	W17/13	24.10	20.91	3.19	13.24
R13/13	BEDROOM	W18/13	23.51	20.48	3.03	12.89
R13/13	BEDROOM	W19/13	26.45	26.39	0.06	0.23
R13/13	BEDROOM	W20/13	26.97	26.93	0.04	0.15
R15/13	LKD	W22/13	27.79	27.77	0.02	0.07
R15/13	LKD	W23/13	30.58	30.58	0.00	0.00
R15/13	LKD	W24/13	24.87	24.87	0.00	0.00
R1/14	LKD	W1/14	29.46	29.46	0.00	0.00
R1/14	LKD	W2/14	33.19	33.19	0.00	0.00
R2/14	BEDROOM	W3/14	33.21	33.21	0.00	0.00
R3/14	BEDROOM	W4/14	33.23	33.23	0.00	0.00
R4/14	LKD	W5/14	33.15	33.13	0.02	0.06
R4/14	LKD	W6/14	27.29	26.24	1.05	3.85
R4/14	LKD	W7/14	27.18	26.11	1.07	3.94
R5/14	BEDROOM	W8/14	27.04	25.95	1.09	4.03
R6/14	BEDROOM	W9/14	26.64	25.61	1.03	3.87
R8/14	LKD	W11/14	26.27	25.28	0.99	3.77
R8/14	LKD	W12/14	26.12	25.13	0.99	3.79
R9/14	BEDROOM	W13/14	25.91	24.92	0.99	3.82
R10/14	LKD	W14/14	25.49	24.56	0.93	3.65
R10/14	LKD	W15/14	25.33	24.37	0.96	3.79

Room	Room Use	Window	EXISTING VSC	PROPOSED VSC	LOSS VSC	%LOSS VSC
R12/14	BEDROOM	W17/14	24.83	23.87	0.96	3.87
R13/14	BEDROOM	W18/14	24.28	23.43	0.85	3.50
R13/14	BEDROOM	W19/14	27.37	27.34	0.03	0.11
R13/14	BEDROOM	W20/14	27.87	27.85	0.02	0.07
R15/14	LKD	W22/14	28.66	28.65	0.01	0.03
R15/14	LKD	W23/14	33.89	33.89	0.00	0.00
R15/14	LKD	W24/14	33.52	33.52	0.00	0.00
R1/280		W1/280	16.99	16.90	0.09	0.53
R1/281		W1/281	17.55	17.48	0.07	0.40
R2/281		W2/281	22.73	22.65	0.08	0.35
R3/281		W3/281	24.59	24.45	0.14	0.57
R1/282		W1/282	19.21	19.17	0.04	0.21
R2/282		W2/282	25.07	25.02	0.05	0.20
R3/282		W3/282	27.05	26.98	0.07	0.26

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
Macintosh Mills						
R1/9	LKD	204.8	189.2	189.2	0.0	0.00
R2/9	BEDROOM	162.5	158.3	158.3	0.0	0.00
R3/9	BEDROOM	126.9	124.7	124.7	0.0	0.00
R4/9	LKD	242.8	240.2	235.5	4.6	1.92
R5/9	BEDROOM	97.9	91.3	27.0	64.3	70.43
R6/9	STUDIO	276.4	264.7	58.1	206.7	78.09
R7/9	BEDROOM	245.4	228.2	58.7	169.4	74.23
R8/9	BEDROOM	118.2	98.3	26.8	71.4	72.63
R10/9	BEDROOM	131.0	23.7	22.0	1.7	7.17
R11/9	BEDROOM	143.1	0.0	0.0	0.0	0.00
R12/9	BEDROOM	87.8	18.3	17.7	0.6	3.28
R13/9	BEDROOM	139.7	51.2	51.2	0.0	0.00
R16/9	LKD	386.0	361.9	361.9	0.0	0.00
R17/9		332.7	227.3	227.3	0.0	0.00
R1/10	LKD	200.0	184.1	184.1	0.0	0.00
R2/10	BEDROOM	157.9	153.0	153.0	0.0	0.00
R3/10	BEDROOM	120.1	117.2	117.2	0.0	0.00
R4/10	LKD	233.5	230.9	226.0	4.9	2.12
R5/10	BEDROOM	107.3	100.7	30.4	70.3	69.81
R6/10	BEDROOM	106.3	99.3	28.0	71.3	71.80
R8/10	LKD	279.5	272.4	61.7	210.8	77.39
R9/10	BEDROOM	102.8	97.4	30.1	67.3	69.10
R10/10	LKD	252.2	244.7	61.2	183.4	74.95
R12/10	BEDROOM	91.3	85.3	30.7	54.5	63.89
R13/10	BEDROOM	171.4	169.6	159.4	10.2	6.01
R15/10	LKD	317.7	299.8	299.8	0.0	0.00
R16/10		322.6	230.6	230.6	0.0	0.00
R1/11	LKD	200.0	182.1	182.1	0.0	0.00
R2/11	BEDROOM	157.9	151.6	151.6	0.0	0.00
R3/11	BEDROOM	120.1	117.1	117.1	0.0	0.00
R4/11	LKD	233.5	229.9	222.4	7.5	3.26
R5/11	BEDROOM	107.3	97.1	34.9	62.2	64.06
R6/11	BEDROOM	106.3	96.8	32.4	64.4	66.53
R8/11	LKD	279.5	272.4	68.9	203.5	74.71
R9/11	BEDROOM	102.8	96.0	34.7	61.3	63.85
R10/11	LKD	252.2	244.2	69.8	174.4	71.42
R12/11	BEDROOM	91.3	81.3	30.4	50.9	62.61
R13/11	BEDROOM	171.4	169.6	156.4	13.3	7.84
R15/11	LKD	317.7	301.6	301.6	0.0	0.00
R16/11		322.6	294.8	294.8	0.0	0.00
R1/12	LKD	200.0	183.8	183.8	0.0	0.00
R2/12	BEDROOM	157.9	152.8	152.8	0.0	0.00
R3/12	BEDROOM	120.1	117.3	117.3	0.0	0.00
R4/12	LKD	233.5	231.2	225.2	6.0	2.60
R5/12	BEDROOM	107.3	97.5	57.4	40.1	41.13
R6/12	BEDROOM	106.3	97.0	54.9	42.0	43.30
R8/12	LKD	279.5	272.7	115.2	157.5	57.76
R9/12	BEDROOM	102.8	96.5	58.3	38.2	39.59
R10/12	LKD	252.2	243.2	113.0	130.2	53.54
R12/12	BEDROOM	91.3	82.7	46.1	36.6	44.26
R13/12	BEDROOM	171.4	169.8	159.3	10.5	6.18
R15/12	LKD	317.7	305.4	305.4	0.0	0.00
R16/12		322.6	311.5	311.5	0.0	0.00
R1/13	LKD	200.0	183.8	183.8	0.0	0.00
R2/13	BEDROOM	157.9	152.8	152.8	0.0	0.00
R3/13	BEDROOM	120.1	117.3	117.3	0.0	0.00

Room/ Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft	%Loss
R4/13	LKD	233.5	231.7	230.6	1.0	0.43
R5/13	BEDROOM	107.3	98.5	97.9	0.7	0.71
R6/13	BEDROOM	106.3	97.1	94.5	2.6	2.68
R8/13	LKD	279.5	272.4	191.0	81.5	29.92
R9/13	BEDROOM	102.8	97.3	97.3	0.0	0.00
R10/13	LKD	252.2	244.8	183.6	61.2	25.00
R12/13	BEDROOM	91.3	82.6	82.6	0.0	0.00
R13/13	BEDROOM	171.4	169.9	163.4	6.5	3.83
R15/13	LKD	317.7	305.8	305.8	0.0	0.00
R1/14	LKD	200.0	193.9	193.9	0.0	0.00
R2/14	BEDROOM	157.9	151.7	151.7	0.0	0.00
R3/14	BEDROOM	120.1	116.0	116.0	0.0	0.00
R4/14	LKD	233.5	231.3	231.3	0.0	0.00
R5/14	BEDROOM	107.3	100.8	100.8	0.0	0.00
R6/14	BEDROOM	106.3	98.6	98.6	0.0	0.00
R8/14	LKD	279.5	269.3	269.3	0.0	0.00
R9/14	BEDROOM	102.8	96.8	96.8	0.0	0.00
R10/14	LKD	252.2	243.3	243.3	0.0	0.00
R12/14	BEDROOM	91.3	82.9	82.9	0.0	0.00
R13/14	BEDROOM	171.4	169.9	169.9	0.0	0.00
R15/14	LKD	317.7	308.0	308.0	0.0	0.00
R1/280		195.2	152.7	152.7	0.0	0.00
R1/281		195.2	131.7	131.7	0.0	0.00
R2/281		176.5	169.2	169.2	0.0	0.00
R3/281		81.4	77.0	77.0	0.0	0.00
R1/282		195.2	138.7	138.7	0.0	0.00
R2/282		176.5	171.3	171.3	0.0	0.00
R3/282		81.4	79.3	79.3	0.0	0.00

			Room					
			Existing		Proposed			
Room	Window	Room Use	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
Macintosh Mills								
R4/9	W4/9	LKD						
R4/9	W5/9	LKD						
R4/9	W6/9	LKD	1	28	1	17	0.0	39.3
R5/9	W7/9	BEDROOM	1	22	1	16	0.0	27.3
R6/9	W8/9	STUDIO						
R6/9	W9/9	STUDIO	1	20	1	16	0.0	20.0
R7/9	W10/9	BEDROOM						
R7/9	W11/9	BEDROOM	1	17	1	14	0.0	17.6
R8/9	W12/9	BEDROOM	1	14	1	14	0.0	0.0
R10/9	W14/9	BEDROOM	0	6	0	6	0.0	0.0
R11/9	W15/9	BEDROOM	1	1	1	1	0.0	0.0
R12/9	W16/9	BEDROOM	1	9	1	9	0.0	0.0
R13/9	W17/9	BEDROOM						
R13/9	W18/9	BEDROOM	0	14	0	12	0.0	14.3
R16/9	W21/9	LKD						
R16/9	W22/9	LKD						
R16/9	W23/9	LKD						
R16/9	W24/9	LKD	4	31	3	29	25.0	6.5
R17/9	W25/9							
R17/9	W26/9							
R17/9	W27/9							
R17/9	W28/9							
R17/9	W29/9		12	50	12	50	0.0	0.0
R4/10	W5/10	LKD						
R4/10	W6/10	LKD						
R4/10	W7/10	LKD	5	41	1	20	80.0	51.2
R5/10	W8/10	BEDROOM	5	39	1	19	80.0	51.3
R6/10	W9/10	BEDROOM	6	41	2	21	66.7	48.8
R8/10	W11/10	LKD						
R8/10	W12/10	LKD	5	38	1	18	80.0	52.6
R9/10	W13/10	BEDROOM	4	34	1	16	75.0	52.9
R10/10	W14/10	LKD						

Room	Window	Room Use	Room				Winter %Loss	Annual %Loss
			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH		
R10/10	W15/10	LKD	4	35	1	16	75.0	54.3
R12/10	W18/10	BEDROOM	3	31	1	15	66.7	51.6
R13/10	W19/10	BEDROOM						
R13/10	W20/10	BEDROOM						
R13/10	W21/10	BEDROOM	10	61	9	49	10.0	19.7
R15/10	W23/10	LKD						
R15/10	W24/10	LKD						
R15/10	W25/10	LKD	12	53	11	51	8.3	3.8
R16/10	W26/10							
R16/10	W27/10		8	36	8	36	0.0	0.0
R4/11	W5/11	LKD						
R4/11	W6/11	LKD						
R4/11	W7/11	LKD	6	43	1	24	83.3	44.2
R5/11	W8/11	BEDROOM	6	43	1	23	83.3	46.5
R6/11	W9/11	BEDROOM	6	42	2	24	66.7	42.9
R8/11	W11/11	LKD						
R8/11	W12/11	LKD	6	42	2	24	66.7	42.9
R9/11	W13/11	BEDROOM	5	41	2	24	60.0	41.5
R10/11	W14/11	LKD						
R10/11	W15/11	LKD	4	39	1	22	75.0	43.6
R12/11	W17/11	BEDROOM	3	34	1	18	66.7	47.1
R13/11	W18/11	BEDROOM						
R13/11	W19/11	BEDROOM						
R13/11	W20/11	BEDROOM	11	66	10	52	9.1	21.2
R15/11	W22/11	LKD						
R15/11	W23/11	LKD						
R15/11	W24/11	LKD	12	58	11	56	8.3	3.4
R16/11	W25/11							
R16/11	W26/11							
R16/11	W27/11		12	59	12	59	0.0	0.0
R4/12	W5/12	LKD						
R4/12	W6/12	LKD						
R4/12	W7/12	LKD	7	46	2	34	71.4	26.1
R5/12	W8/12	BEDROOM	6	43	1	28	83.3	34.9

			Room					
			Existing		Proposed			
Room	Window	Room Use	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
R6/12	W9/12	BEDROOM	6	43	2	29	66.7	32.6
R8/12	W11/12	LKD						
R8/12	W12/12	LKD	6	43	2	29	66.7	32.6
R9/12	W13/12	BEDROOM	5	41	2	28	60.0	31.7
R10/12	W14/12	LKD						
R10/12	W15/12	LKD	6	41	3	28	50.0	31.7
R12/12	W17/12	BEDROOM	4	38	2	26	50.0	31.6
R13/12	W18/12	BEDROOM						
R13/12	W19/12	BEDROOM						
R13/12	W20/12	BEDROOM	11	68	10	58	9.1	14.7
R15/12	W22/12	LKD						
R15/12	W23/12	LKD						
R15/12	W24/12	LKD	12	59	11	58	8.3	1.7
R16/12	W25/12							
R16/12	W26/12							
R16/12	W27/12		15	66	15	66	0.0	0.0
R4/13	W5/13	LKD						
R4/13	W6/13	LKD						
R4/13	W7/13	LKD	7	46	2	38	71.4	17.4
R5/13	W8/13	BEDROOM	7	45	2	37	71.4	17.8
R6/13	W9/13	BEDROOM	7	45	3	38	57.1	15.6
R8/13	W11/13	LKD						
R8/13	W12/13	LKD	7	44	3	37	57.1	15.9
R9/13	W13/13	BEDROOM	6	42	3	36	50.0	14.3
R10/13	W14/13	LKD						
R10/13	W15/13	LKD	6	43	3	37	50.0	14.0
R12/13	W17/13	BEDROOM	5	39	3	34	40.0	12.8
R13/13	W18/13	BEDROOM						
R13/13	W19/13	BEDROOM						
R13/13	W20/13	BEDROOM	11	71	11	68	0.0	4.2
R15/13	W22/13	LKD						
R15/13	W23/13	LKD						
R15/13	W24/13	LKD	12	59	12	59	0.0	0.0

Room	Window	Room Use	Room				Winter %Loss	Annual %Loss
			Existing Winter APSH	Existing Annual APSH	Proposed Winter APSH	Proposed Annual APSH		
R4/14	W5/14	LKD						
R4/14	W6/14	LKD						
R4/14	W7/14	LKD	8	47	5	44	37.5	6.4
R5/14	W8/14	BEDROOM	8	47	5	44	37.5	6.4
R6/14	W9/14	BEDROOM	8	46	6	44	25.0	4.3
R8/14	W11/14	LKD						
R8/14	W12/14	LKD	7	45	5	43	28.6	4.4
R9/14	W13/14	BEDROOM	6	43	4	41	33.3	4.7
R10/14	W14/14	LKD						
R10/14	W15/14	LKD	6	44	4	42	33.3	4.5
R12/14	W17/14	BEDROOM	5	41	4	40	20.0	2.4
R13/14	W18/14	BEDROOM						
R13/14	W19/14	BEDROOM						
R13/14	W20/14	BEDROOM	12	73	12	73	0.0	0.0
R15/14	W22/14	LKD						
R15/14	W23/14	LKD						
R15/14	W24/14	LKD	12	61	12	61	0.0	0.0
R1/280	W1/280		0	16	0	16	0.0	0.0
R1/281	W1/281		0	17	0	17	0.0	0.0
R2/281	W2/281		1	26	1	26	0.0	0.0
R3/281	W3/281		1	32	1	32	0.0	0.0
R1/282	W1/282		1	21	1	21	0.0	0.0
R2/282	W2/282		1	36	1	36	0.0	0.0
R3/282	W3/282		3	43	3	43	0.0	0.0