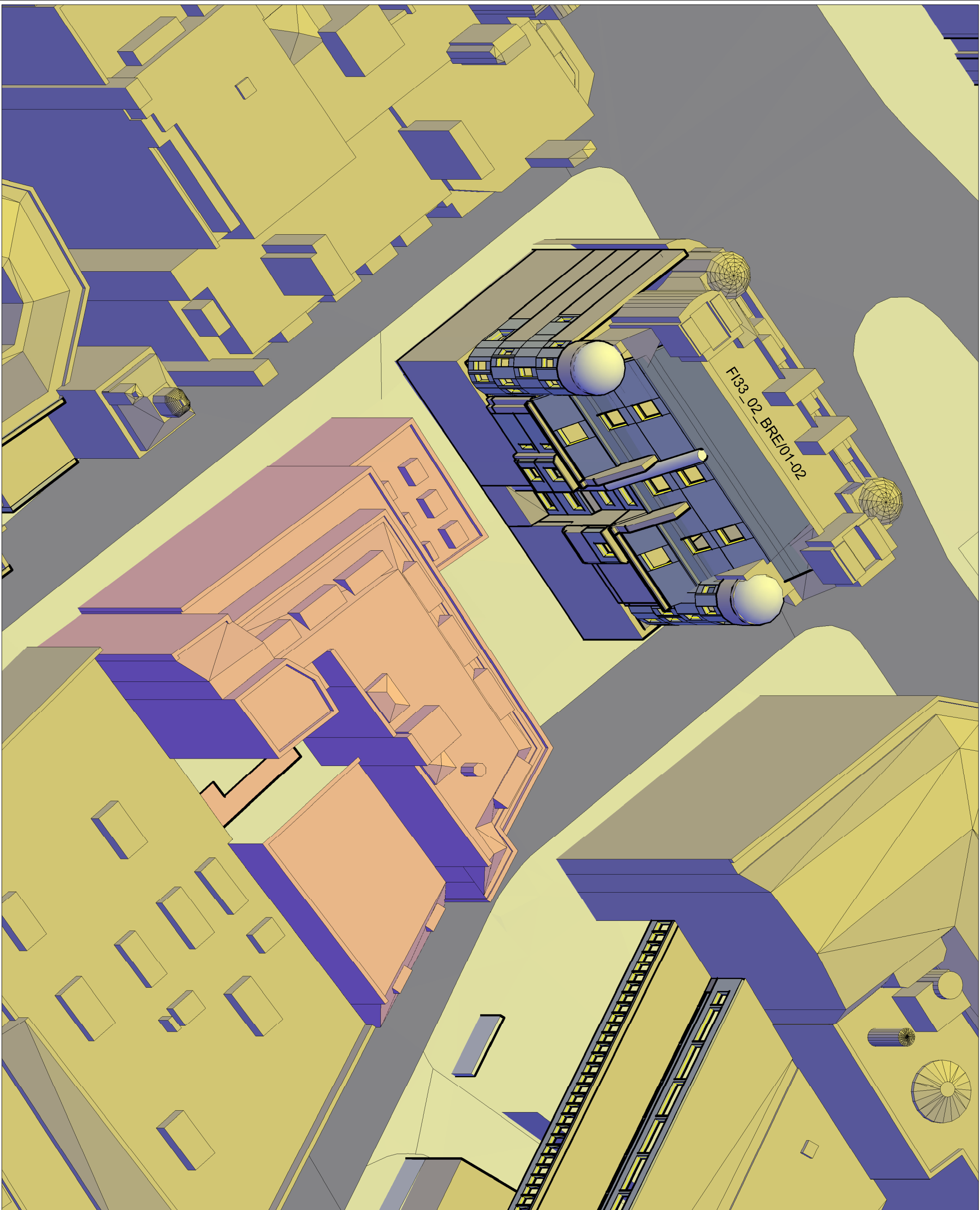


Appendix D: Daylight and Sunlight



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Source of Information

Existing 3D Z-MAP Model in dwg format
 8 - 10 Southampton Row:
 Crossfall project
 110000-C1V09-E00-P-50000, 50003, 50004, 50005,
 50006, 50007
 Proposed Development:
 C123-JUL-A-DMB-CR086_ODD14_Z-00203_OSD
 3D Model



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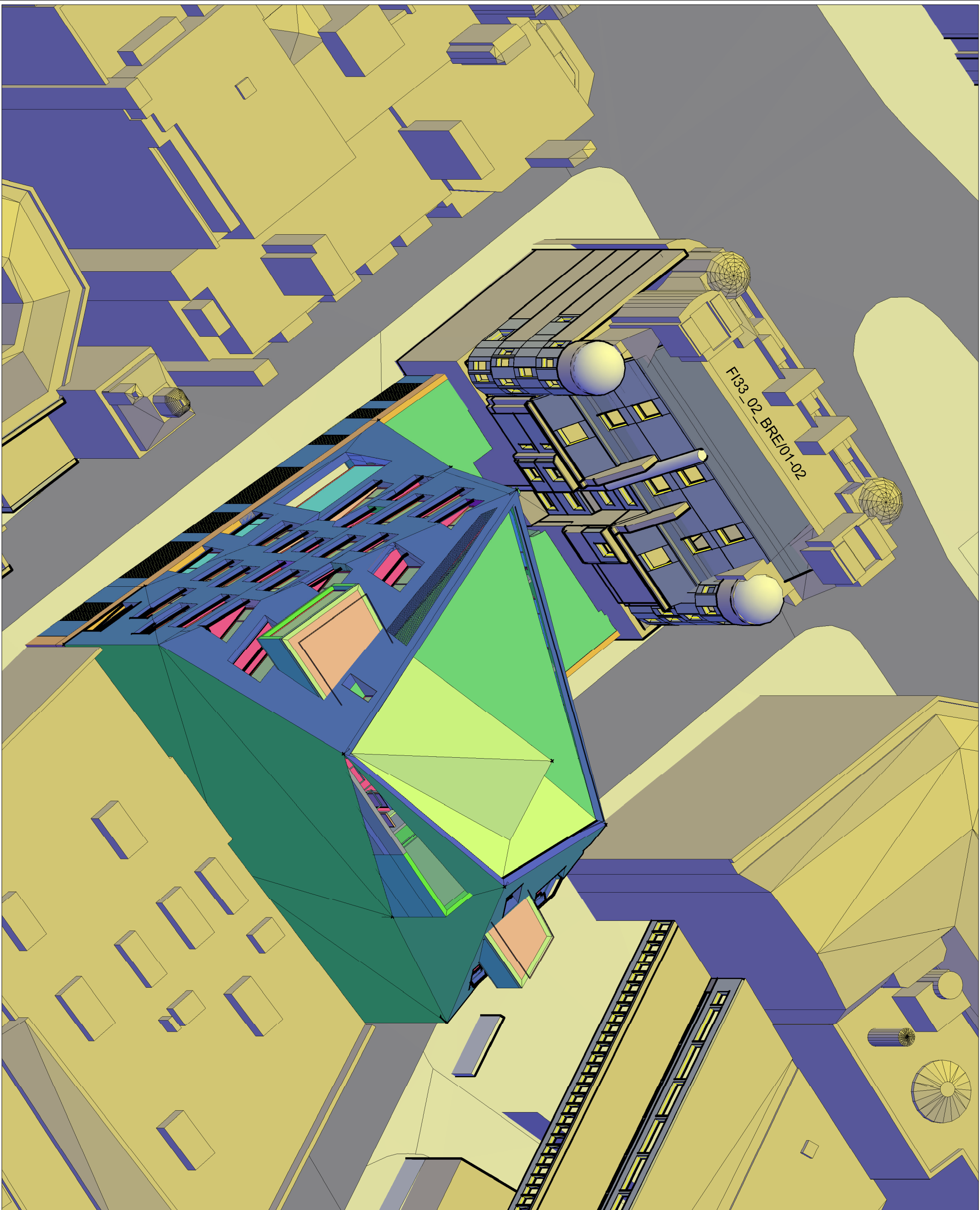
Project Name
 Fisher Street
 London

Client
 Crossfall

Drawing Title
 3D View: Existing site

Drawn By Mike S	Checked By N/A	Scale @ A3 N/A	Date Dec 2012
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Project No. F133/02	Drawing No. BRE/03	Revision
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 drawings and details.

Source of Information

Existing 3D Z-MAP Model in dwg format
 8 - 10 Southampton Row:
 Crossrail project
 110000-C1V09-E00-P-50000, 50003, 50004, 50005,
 50006, 50007
 Proposed Development:
 C123-JUL-A-DMB-CR086_ODD14_Z-00203_OSD
 3D Model



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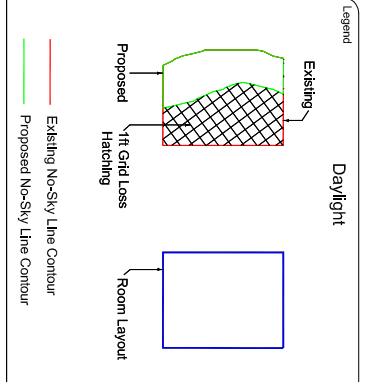
Project Name
 Fisher Street
 London

Client
 Crossrail

Drawing Title
 3D View: Proposed site

Drawn By Mike S	Checked By N/A	Scale @ A3 N/A	Date Dec 2012
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Project No. F133/02	Drawing No. BRE/04	Revision
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Source of Information

Existing 3D Z-MAP Model in dwg format
 8 - 10 Southampton Row:
 Crossrail project
 110006-C1V09-E00-P-50000, 50003, 50004, 50005,
 50006, 50007
 Proposed Development:
 C123-JUL-A-DMB-CR086_OD014_Z40203_OSD
 3D Model

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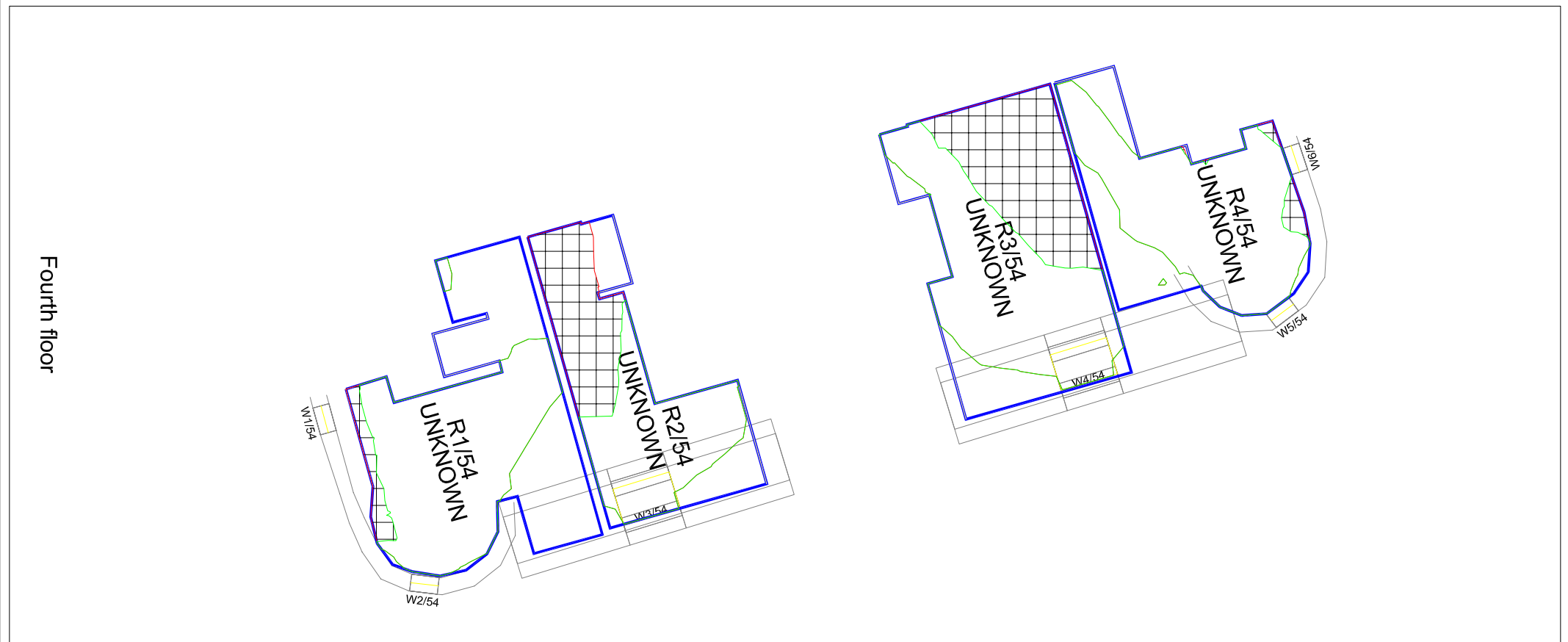
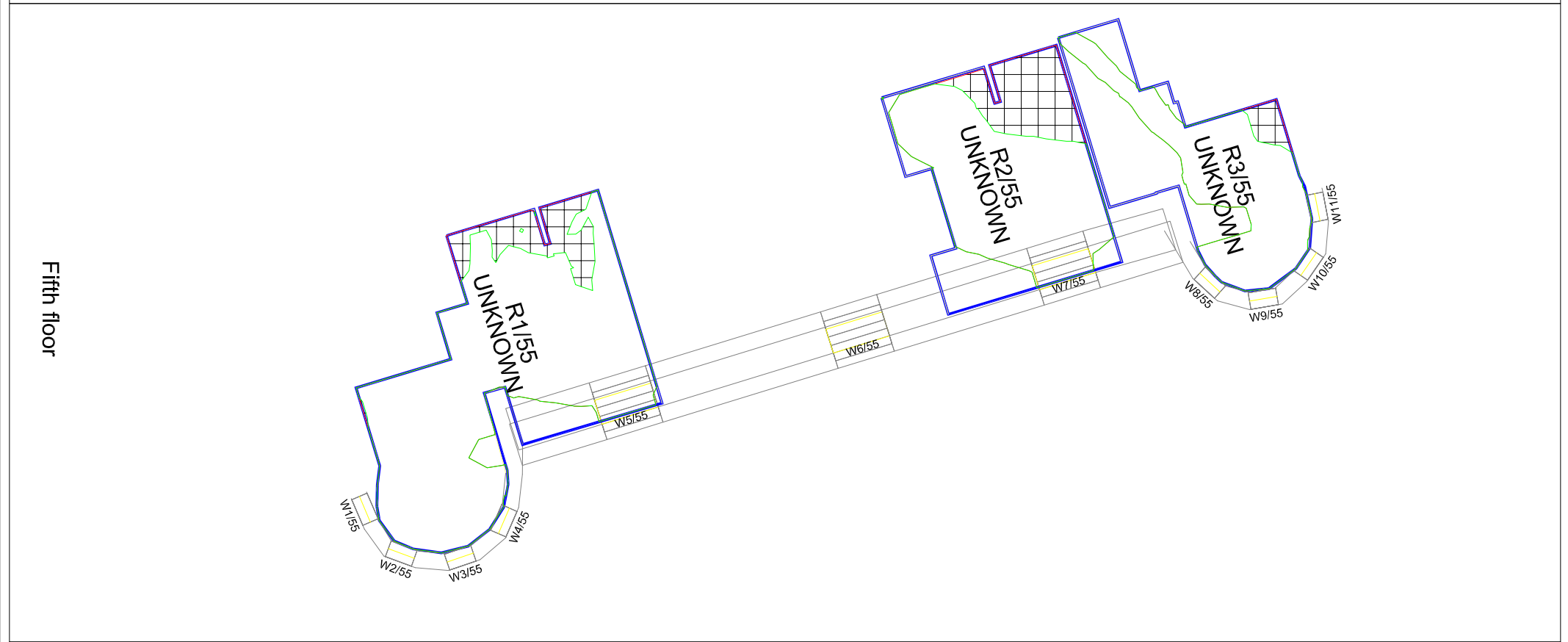
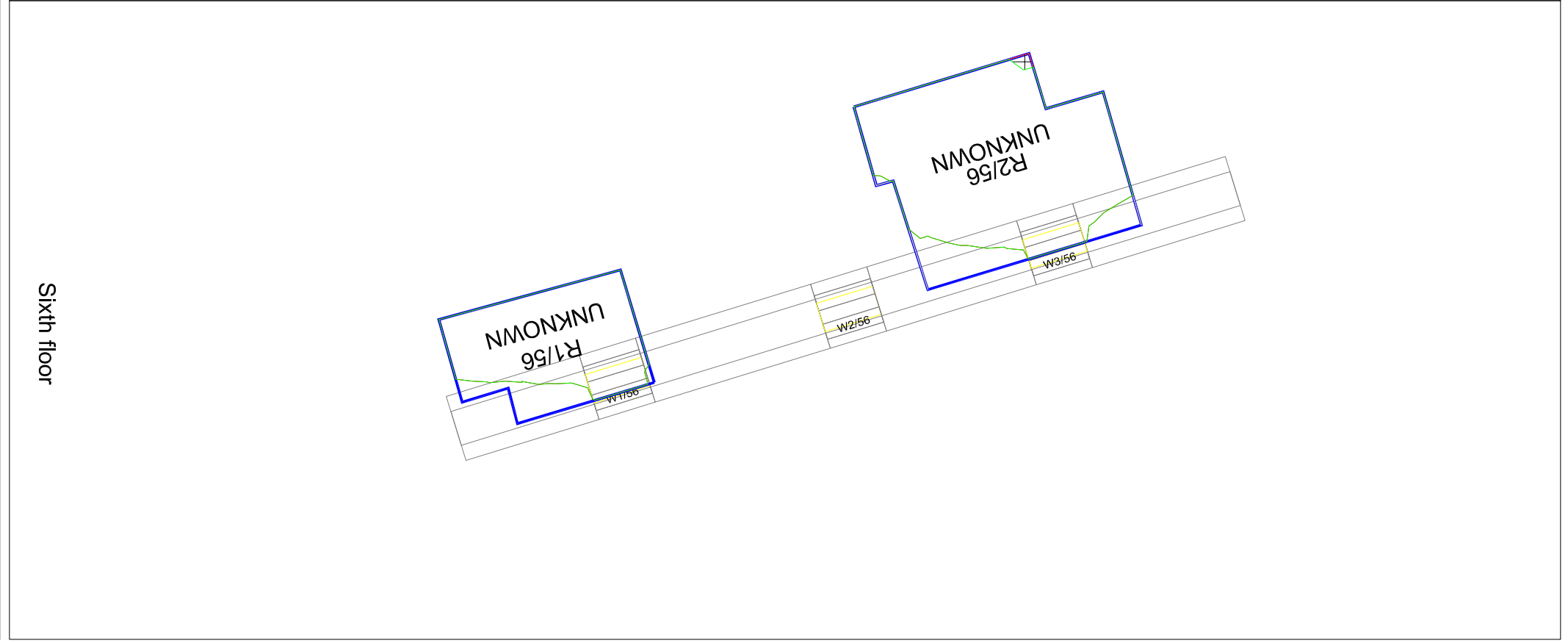
Project Name
 Fisher Street
 London

Client
 Crossrail

Drawing Title
 No Sky Line contours for
 8-10 Southampton Row

Drawn By Mike S
Checked By Mike S
Scale @ A3
1:100
Date
 Dec 2012

Project No. FT33/02
Drawing No. BRE/02
Revision





FISHER STREET BRE DAYLIGHT ANALYSIS

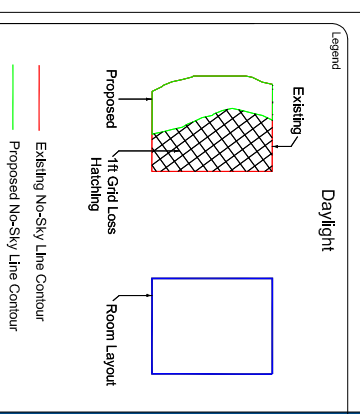
Dec 2012

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	% of Room Area	% Loss of Existing
8-10 Southampton Row										
Second floor - BRE/01										
R1/52	UNKNOWN	W1/52	14.55	14.55	0.00%	2.89	2.80	3.05%	73.06%	2.31%
		W2/52	18.18	15.48	14.85%					
		W3/52	20.26	15.74	22.31%					
R2/52	UNKNOWN	W4/52	17.22	8.43	51.05%	1.38	0.65	53.07%	25.78%	53.74%
		W5/52	18.98	9.74	48.68%					
R3/52	UNKNOWN	W6/52	18.06	13.11	27.41%	1.75	1.68	3.67%	66.25%	0.49%
		W7/52	15.34	12.53	18.32%					
		W8/52	14.99	14.81	1.20%					
Third floor - BRE/01										
R1/53	UNKNOWN	W8/53	23.81	14.52	39.02%	1.69	1.47	12.99%	66.52%	3.23%
		W9/53	22.47	15.57	30.71%					
		W10/53	17.12	15.27	10.81%					
		W11/53	16.70	16.22	2.87%					
R2/53	UNKNOWN	W7/53	24.22	12.61	47.94%	1.11	0.63	43.01%	10.20%	73.05%
R3/53	UNKNOWN	W5/53	21.39	10.33	51.71%	1.59	0.77	51.23%	31.85%	53.94%
		W6/53	24.06	12.29	48.92%					
R4/53	UNKNOWN	W1/53	19.77	19.43	1.72%	1.86	1.58	15.04%	86.43%	0.00%
		W2/53	22.52	19.52	13.32%					
		W3/53	25.39	18.41	27.49%					
		W4/53	22.87	15.03	34.28%					
Fourth floor - BRE/02										
R1/54	UNKNOWN	W1/54	24.59	24.59	0.00%	1.05	1.00	4.76%	57.08%	6.86%
		W2/54	28.98	23.26	19.74%					
R2/54	UNKNOWN	W3/54	47.51	33.76	>27	2.89	2.26	22.01%	49.61%	40.23%
R3/54	UNKNOWN	W4/54	46.94	33.11	>27	2.36	1.84	22.20%	54.50%	38.56%
R4/54	UNKNOWN	W5/54	27.14	18.70	31.10%	1.35	1.21	10.33%	73.80%	4.27%
		W6/54	21.33	21.21	0.56%					
Fifth floor - BRE/02										
R1/55	UNKNOWN	W1/55	30.18	30.16	>27	3.80	3.21	15.65%	83.77%	10.74%
		W2/55	32.22	28.28	>27					
		W3/55	33.77	25.16	25.50%					
		W4/55	31.17	23.17	25.67%					
		W5/55	43.43	32.28	>27					
R2/55	UNKNOWN	W7/55	43.56	32.16	>27	2.69	2.14	20.68%	65.63%	23.22%
R3/55	UNKNOWN	W8/55	30.26	21.89	27.66%	3.01	2.58	14.34%	57.77%	6.80%
		W9/55	33.91	22.84	32.65%					
		W10/55	28.43	23.22	18.33%					
		W11/55	25.22	24.85	1.47%					
Sixth floor - BRE/02										
R1/56	UNKNOWN	W1/56	50.54	42.31	>27	4.89	4.20	14.16%	85.09%	0.00%



Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Proposed No Sky	
			Exist	Prop	% Loss	Exist	Prop	% Loss	% of Room Area	% Loss of Existing
R2/56	UNKNOWN	W3/56	49.85	41.36	>27	2.87	2.45	14.74%	88.41%	0.61%

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Source of Information

Site photographs and inspection
 Existing 3D Z-MAP Model In dwg format
 8 - 10 Southampton Row:
 Crossrail project
 110000-C1V09-E00-P-50000, 50003,50004,50005, 50006, 50007
 2 - 6 Southampton Row:
 Harper Downie, July 2007
 467DE_B, DE00, DE01, DE02, DE03, DE04
 467EE01, EE02, ES01, ES07
 Proposed Development:
 C123-JUL-A-DMB-CR086_OD014_Z-020203_OSD 3D Model

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Project Name
 Fisher Street
 London

Client
 Crossrail

Drawing Title
 No Sky Line contours for
 Fisher Street Workste

Drawn By
 Mike S

Checked By
 Mike S

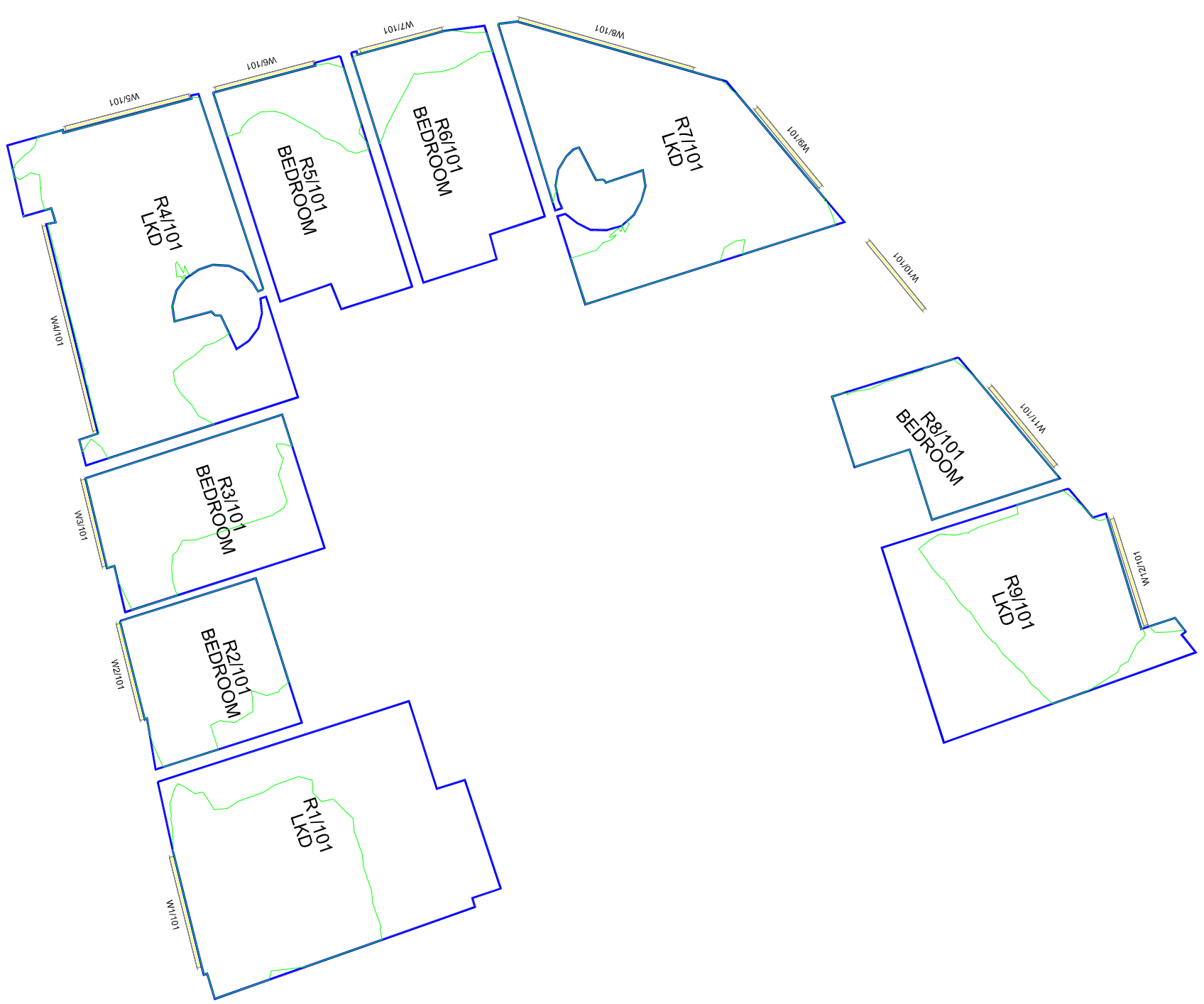
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Date
 Jan 2013

Project No.
 F133/03

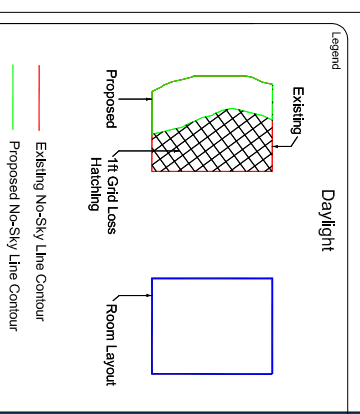
Drawing No.
 BRE/12

Revision
 -



First floor

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Source of Information

Site photographs and inspection
 Existing 3D Z-MAP Model In dwg format
 8 - 10 Southampton Row:
 Crossrail project
 110000-C1V09-E00-P-50000, 50003,50004,50005, 50006, 50007
 2 - 6 Southampton Row:
 Harper Downie, July 2007
 467DE_B, DE00, DE01, DE02, DE03, DE04
 467EE01, EE02, ES01, ES07
 Proposed Development:
 C123-JUL-A-DMB-CR086_OD014_Z-020203_OSD 3D Model

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Project Name
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 London

Client
 Crossrail

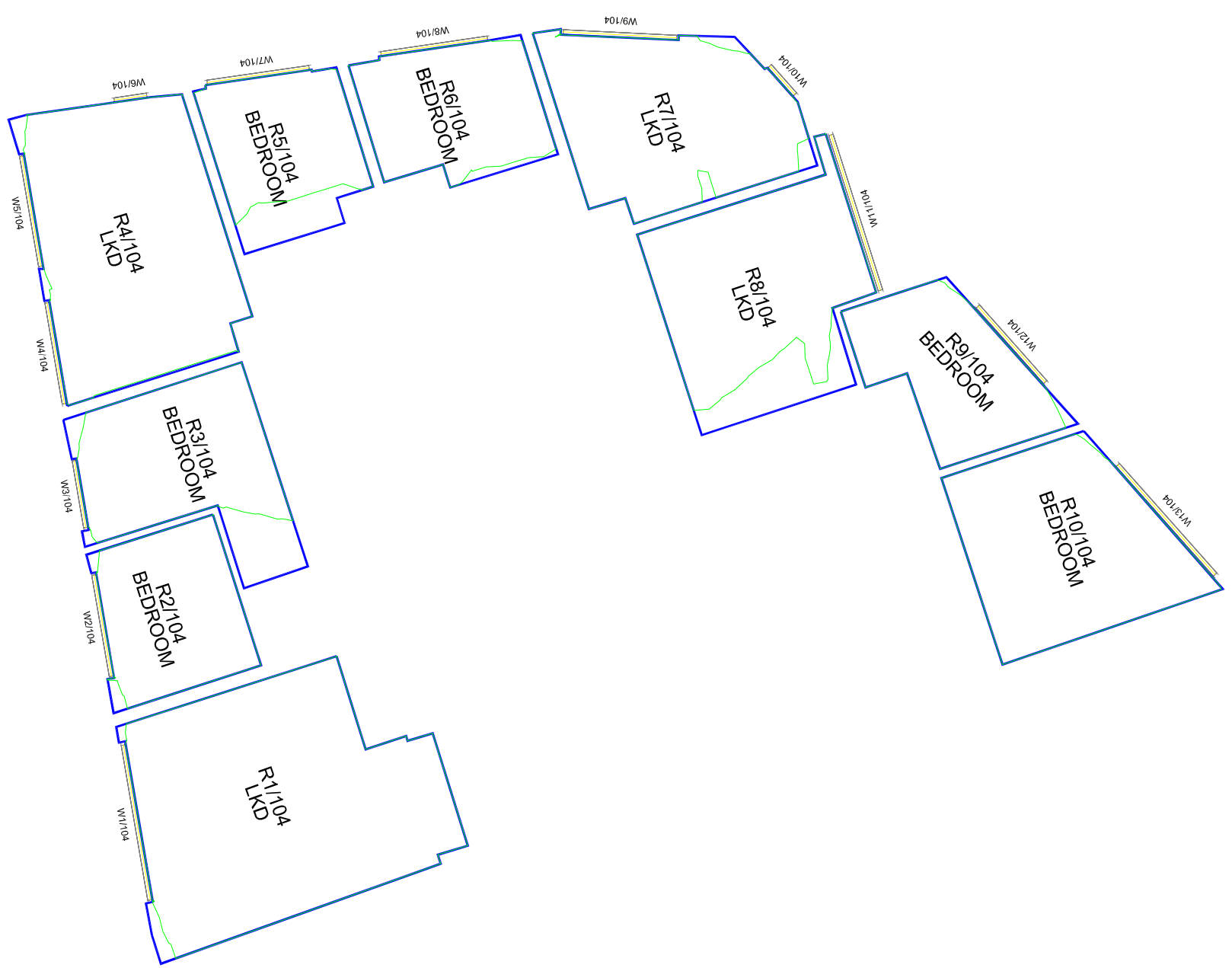
Drawing Title
 No Sky Line contours for Fisher Street Workste

Drawn By
 Mike S

Checked By
 Mike S

Scale @ A3
 1:125

Date
 Jan 2013



Fourth floor

Project No.
 F133/03

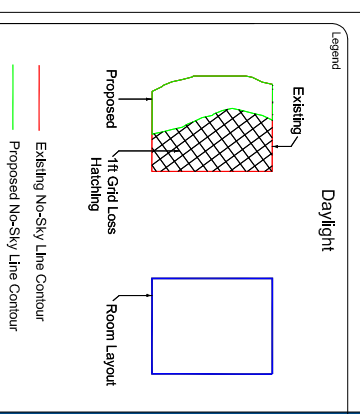
Drawing No.
 BRE/15

Revision
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DAYLIGHT

A3

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Source of Information

Site photographs and inspection
 Existing 3D Z-MAP Model In dwg format
 8 - 10 Southampton Row:
 Crossrail project
 110000-C1V09-E00-P-50000, 50003,50004,50005, 50006, 50007
 2 - 6 Southampton Row:
 Harper Downie, July 2007
 467DE_B, DE00, DE01, DE02, DE03, DE04
 467EE01, EE02, ES01, ES07
 Proposed Development:
 C123-JUL-A-DMB-CR086_OD014_Z-020203_OSD 3D Model

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Project Name
 Fisher Street
 London

Client
 Crossrail

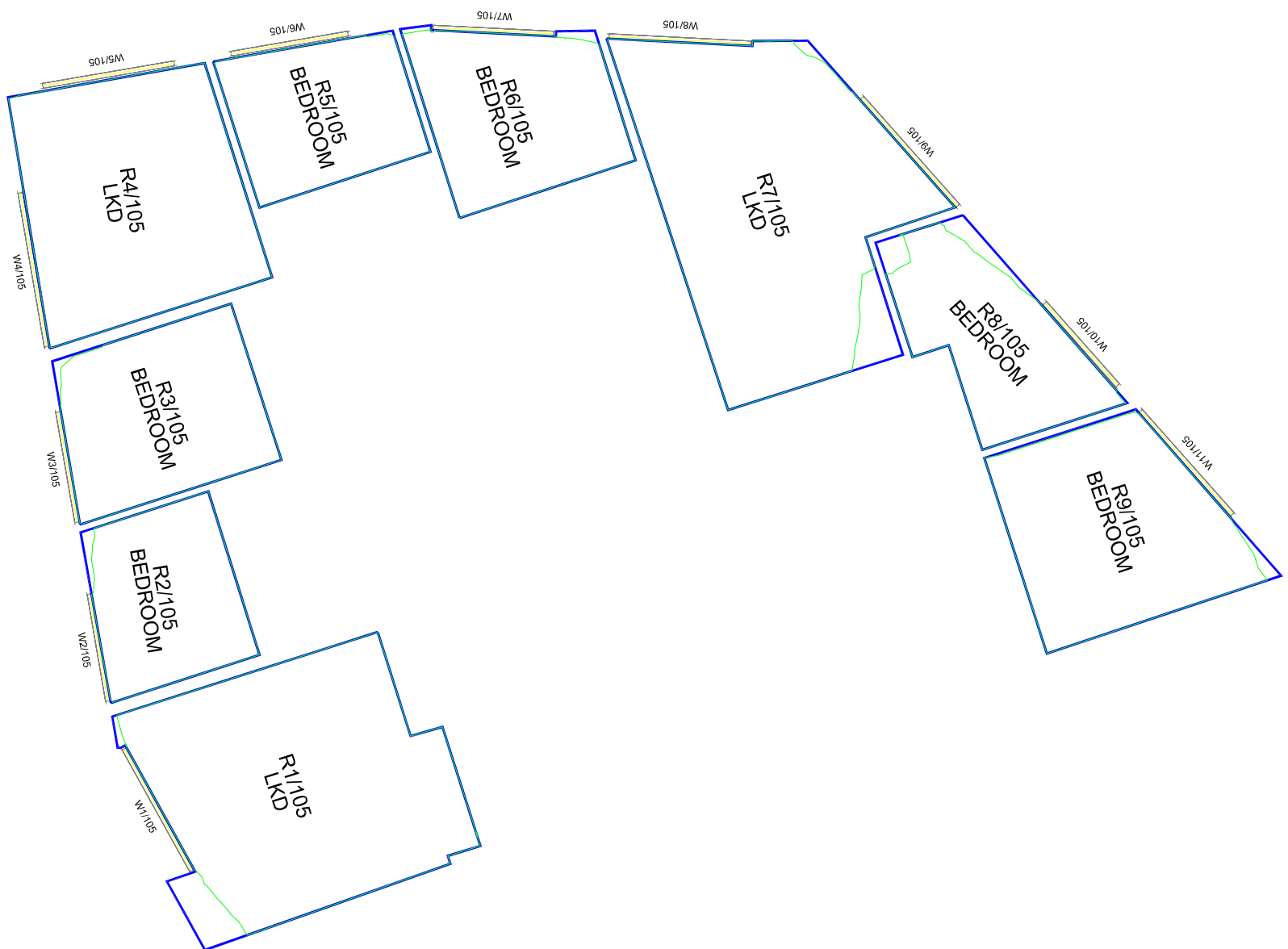
Drawing Title
 No Sky Line contours for Fisher Street Workste

Drawn By
 Mike S

Checked By
 Mike S

Scale @ A3
 1:125

Date
 Jan 2013



Fifth floor

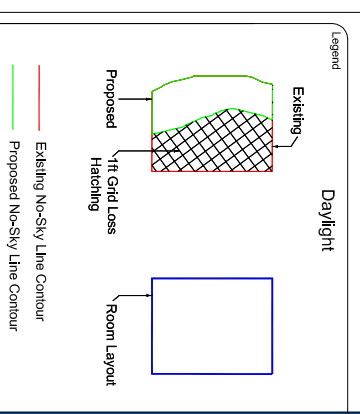
Project No.
 F133/03

Drawing No.
 BRE/16

Revision
 -

DAYLIGHT

A3



Source of Information

Site photographs and inspection
 Existing 3D Z-MAP Model In dwg format
 8 - 10 Southampton Row:
 Crossrail project
 110000-C1V09-E00-P-50000, 50003,50004,50005, 50006, 50007
 2 - 6 Southampton Row:
 Harper Downie, July 2007
 467DE_B, DE00, DE01, DE02, DE03, DE04
 467EE01, EE02, ES01, ES07
 Proposed Development:
 C123-JUL-A-DMB-CR086_OD014_Z-020203_OSD 3D Model

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Project Name
 Fisher Street
 London

Client
 Crossrail

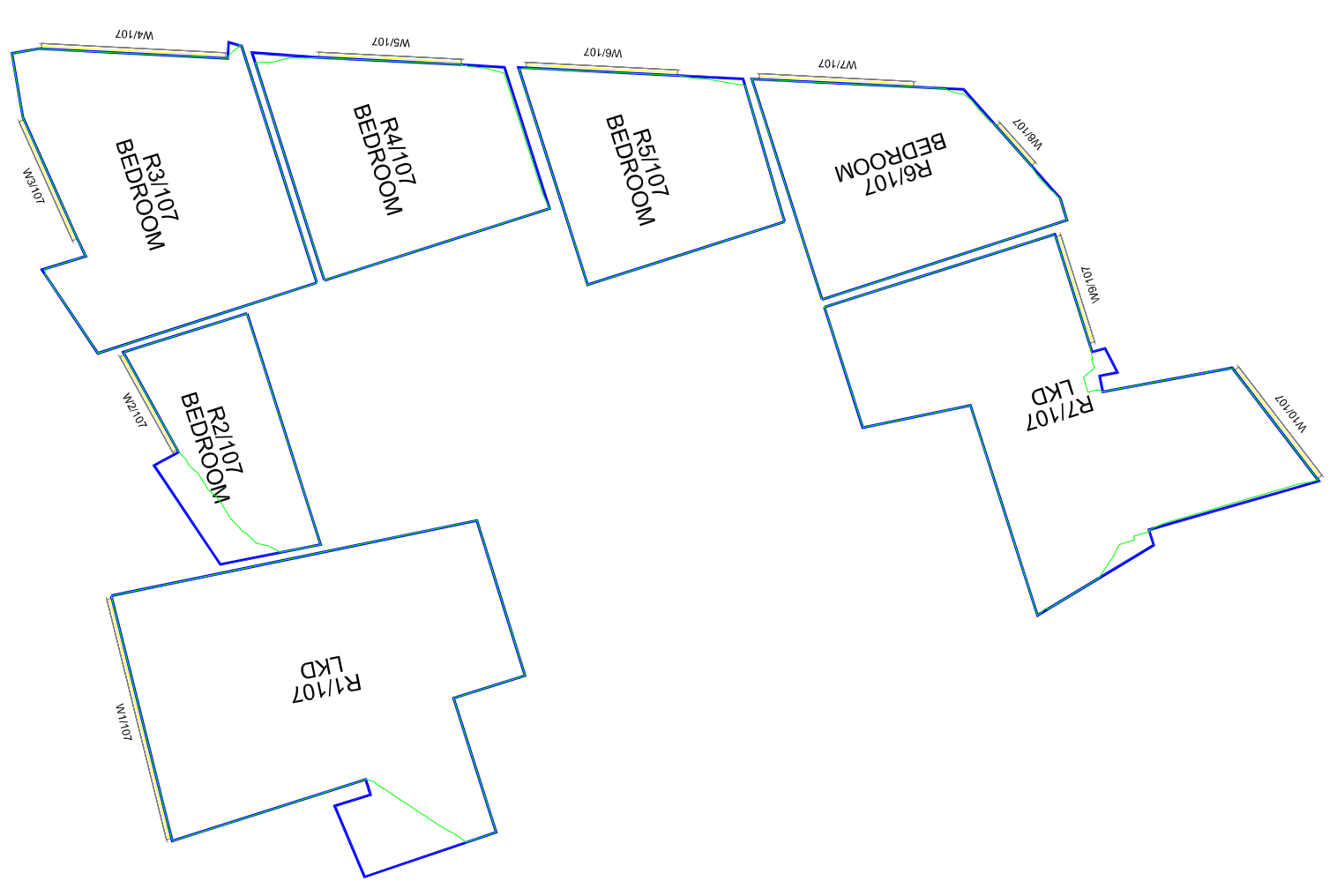
Drawing Title
 No Sky Line contours for Fisher Street Workste

Drawn By
 Mike S

Checked By
 Mike S

Scale @ A3
 1:125

Date
 Jan 2013



Seventh floor



FISHER STREET
BRE AMENITY ANALYSIS
December 2012 Scheme

Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
Fisher Street								
First floor - BRE/11								
R1/101	LKD	W1/101	12.93	2.32	51.14%	26	4	30
R2/101	BEDROOM	W2/101	12.89	4.78	87.11%	33	2	35
R3/101	BEDROOM	W3/101	12.02	3.29	70.83%	34	1	35
R4/101	LKD	W4/101	12.57	3.98	82.74%	33	2	35
		W5/101	5.94			10	1	11
R5/101	BEDROOM	W6/101	4.18	1.87	24.07%	7	0	7
R6/101	BEDROOM	W7/101	4.84	1.74	19.52%	5	0	5
R7/101	LKD	W8/101	9.79	5.10	96.22%	N/A	N/A	N/A
		W9/101	14.39			N/A	N/A	N/A
R8/101	BEDROOM	W11/101	14.06	5.30	98.69%	N/A	N/A	N/A
R9/101	LKD	W12/101	10.98	2.65	61.80%	N/A	N/A	N/A
Second floor - BRE/12								
R1/102	LKD	W1/102	17.40	3.14	84.59%	43	4	47
R2/102	BEDROOM	W2/102	15.82	5.10	97.59%	38	1	39
R3/102	BEDROOM	W3/102	15.50	4.29	91.78%	40	3	43
R4/102	BEDROOM	W4/102	16.28	8.18	98.85%	42	2	44
		W5/102	10.32			12	2	14
R5/102	BEDROOM	W6/102	7.98	3.16	34.10%	6	2	8
R6/102	BEDROOM	W7/102	9.27	4.01	58.95%	6	0	6
R7/102	BEDROOM	W8/102	10.89	2.88	72.66%	9	0	9
		W9/102	11.66			N/A	N/A	N/A
R8/102	LKD	W10/102	16.81	3.17	84.85%	N/A	N/A	N/A
R9/102	BEDROOM	W11/102	18.45	6.99	99.27%	N/A	N/A	N/A
R10/102	BEDROOM	W12/102	19.46	4.33	90.17%	N/A	N/A	N/A
Third floor - BRE/13								
R1/103	LKD	W1/103	21.80	3.59	96.01%	48	9	57
R2/103	BEDROOM	W2/103	20.62	6.30	97.73%	42	9	51
R3/103	BEDROOM	W3/103	19.49	5.65	99.46%	40	10	50
R4/103	LKD	W4/103	20.02	7.79	98.92%	47	7	54
		W5/103	11.14			9	3	12
R5/103	BEDROOM	W6/103	13.61	4.28	50.39%	13	4	17
R6/103	BEDROOM	W7/103	15.52	5.07	83.25%	18	2	20
R7/103	LKD	W8/103	13.68	4.70	92.68%	14	0	14
		W9/103	19.77			N/A	N/A	N/A
R8/103	LKD	W10/103	19.91	3.50	77.93%	N/A	N/A	N/A
R9/103	BEDROOM	W11/103	20.92	5.84	88.95%	N/A	N/A	N/A
R10/103	BEDROOM	W12/103	22.65	6.29	97.00%	N/A	N/A	N/A
Fourth floor - BRE/14								
R1/104	LKD	W1/104	26.07	4.73	98.65%	49	18	67
R2/104	BEDROOM	W2/104	24.24	6.99	97.33%	43	17	60



Room/Floor	Room Use	Window			No Sky	%Sun		
			%VSC	%ADF	% of Room	Summer	Winter	Total
R3/104	BEDROOM	W3/104	22.17	3.14	82.91%	36	15	51
R4/104	LKD	W4/104	23.85	8.28	98.18%	43	16	59
		W5/104	24.10			43	15	58
		W6/104	14.45			10	2	12
R5/104	BEDROOM	W7/104	19.49	6.20	80.70%	20	5	25
R6/104	BEDROOM	W8/104	20.18	6.62	96.91%	20	6	26
R7/104	LKD	W9/104	22.04	6.24	96.74%	N/A	N/A	N/A
		W10/104	17.03			N/A	N/A	N/A
R8/104	LKD	W11/104	14.16	4.77	84.27%	N/A	N/A	N/A
R9/104	BEDROOM	W12/104	24.22	6.57	98.35%	N/A	N/A	N/A
R10/104	BEDROOM	W13/104	26.11	7.14	99.63%	N/A	N/A	N/A
Fifth floor - BRE/15								
R1/105	LKD	W1/105	28.85	4.46	95.49%	42	23	65
R2/105	BEDROOM	W2/105	30.83	8.51	98.13%	48	21	69
R3/105	BEDROOM	W3/105	30.46	7.02	98.92%	48	23	71
R4/105	LKD	W4/105	30.96	12.21	99.96%	51	24	75
		W5/105	25.90			26	11	37
R5/105	BEDROOM	W6/105	25.58	8.11	99.74%	26	7	33
R6/105	BEDROOM	W7/105	26.57	7.20	98.41%	N/A	N/A	N/A
R7/105	LKD	W8/105	27.96	8.38	95.71%	N/A	N/A	N/A
		W9/105	28.47			N/A	N/A	N/A
R8/105	BEDROOM	W10/105	29.16	7.13	92.07%	N/A	N/A	N/A
R9/105	BEDROOM	W11/105	29.91	7.12	98.13%	N/A	N/A	N/A
Sixth floor - BRE/16								
R1/106	LKD	W1/106	26.55	6.27	97.06%	24	24	48
R2/106	BEDROOM	W2/106	31.70	10.05	94.06%	44	22	66
R3/106	BEDROOM	W3/106	31.99	6.39	97.88%	43	25	68
R4/106	LKD	W4/106	33.44	14.23	99.95%	50	26	76
		W5/106	31.00			N/A	N/A	N/A
R5/106	BEDROOM	W6/106	28.11	12.20	94.42%	25	11	36
R6/106	BEDROOM	W7/106	32.52	6.87	98.20%	N/A	N/A	N/A
R7/106	LKD	W8/106	33.33	9.71	99.52%	N/A	N/A	N/A
		W9/106	32.12			N/A	N/A	N/A
R8/106	BEDROOM	W10/106	32.61	8.60	98.33%	N/A	N/A	N/A
R9/106	BEDROOM	W11/106	23.85	5.49	97.51%	N/A	N/A	N/A
Seventh floor - BRE/17								
R1/107	LKD	W1/107	38.00	8.01	93.54%	55	29	84
R2/107	BEDROOM	W2/107	32.06	8.11	84.03%	37	22	59
R3/107	BEDROOM	W3/107	30.89	13.05	99.88%	37	25	62
		W4/107	36.02			N/A	N/A	N/A
R4/107	BEDROOM	W5/107	36.27	8.46	98.44%	N/A	N/A	N/A
R5/107	BEDROOM	W6/107	36.60	10.20	99.53%	N/A	N/A	N/A
R6/107	BEDROOM	W7/107	36.78	12.26	99.52%	N/A	N/A	N/A
		W8/107	31.85			N/A	N/A	N/A
R7/107	LKD	W9/107	30.21	7.85	97.56%	N/A	N/A	N/A
		W10/107	35.90			N/A	N/A	N/A