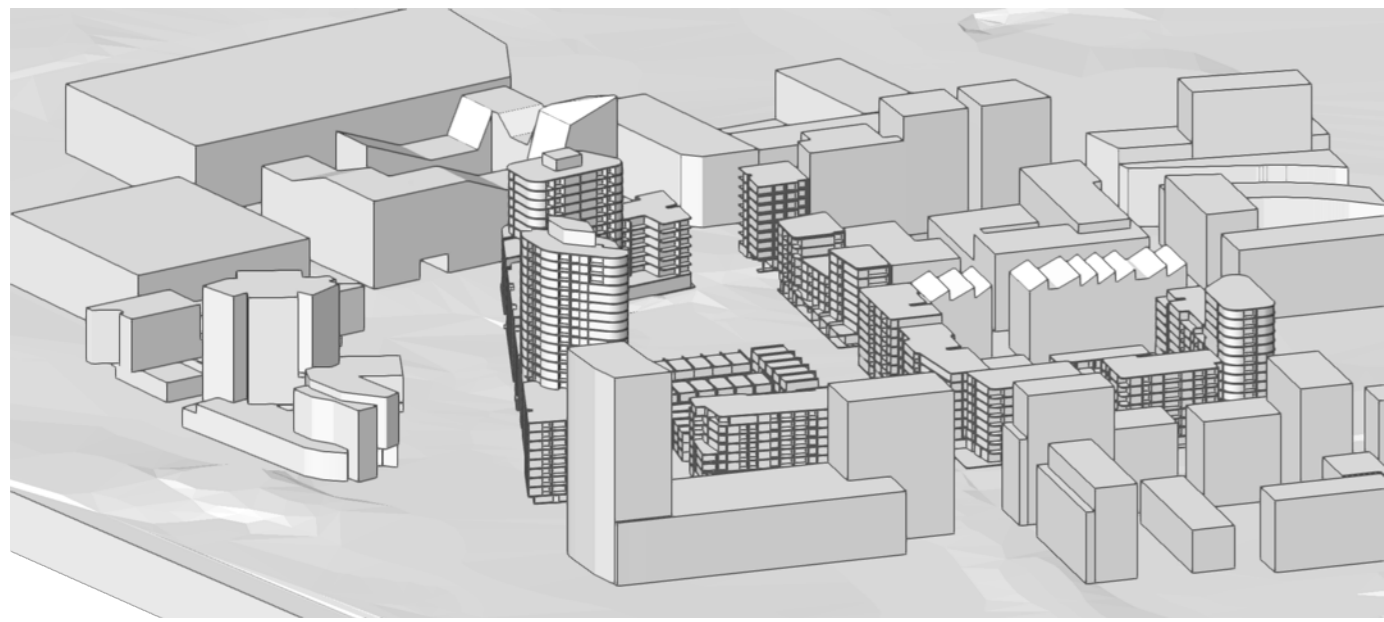


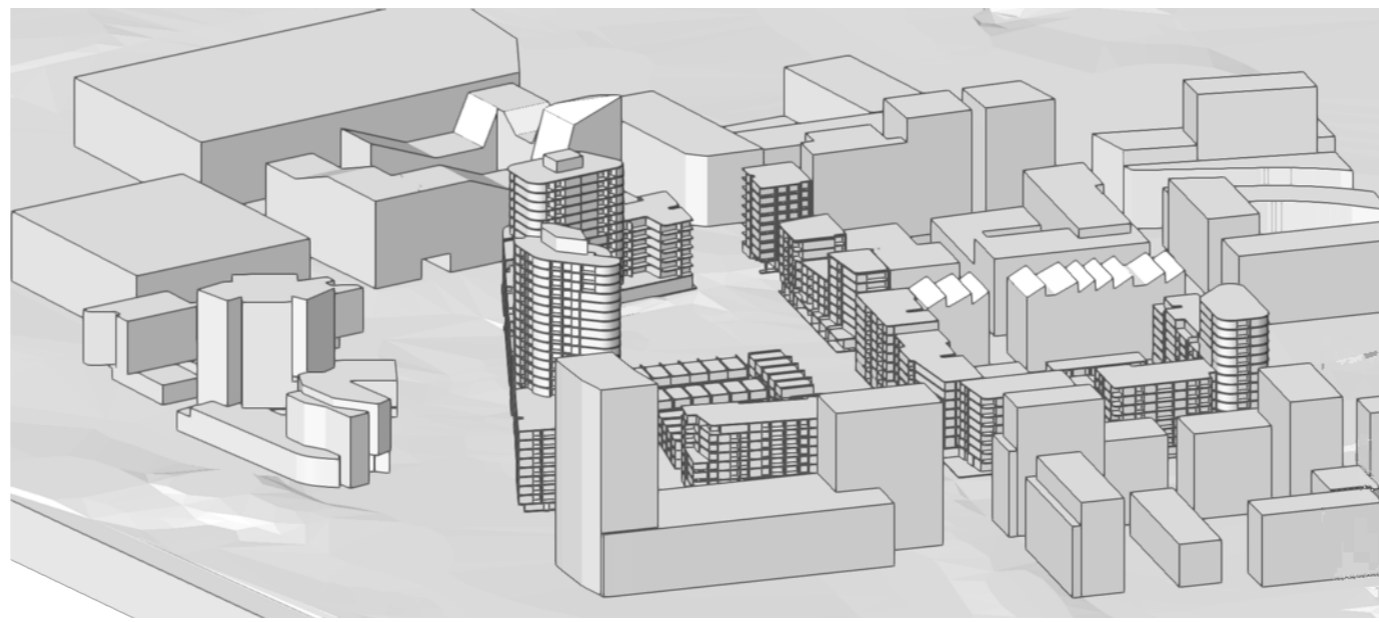
# Attachment A6

**Solar Studies**

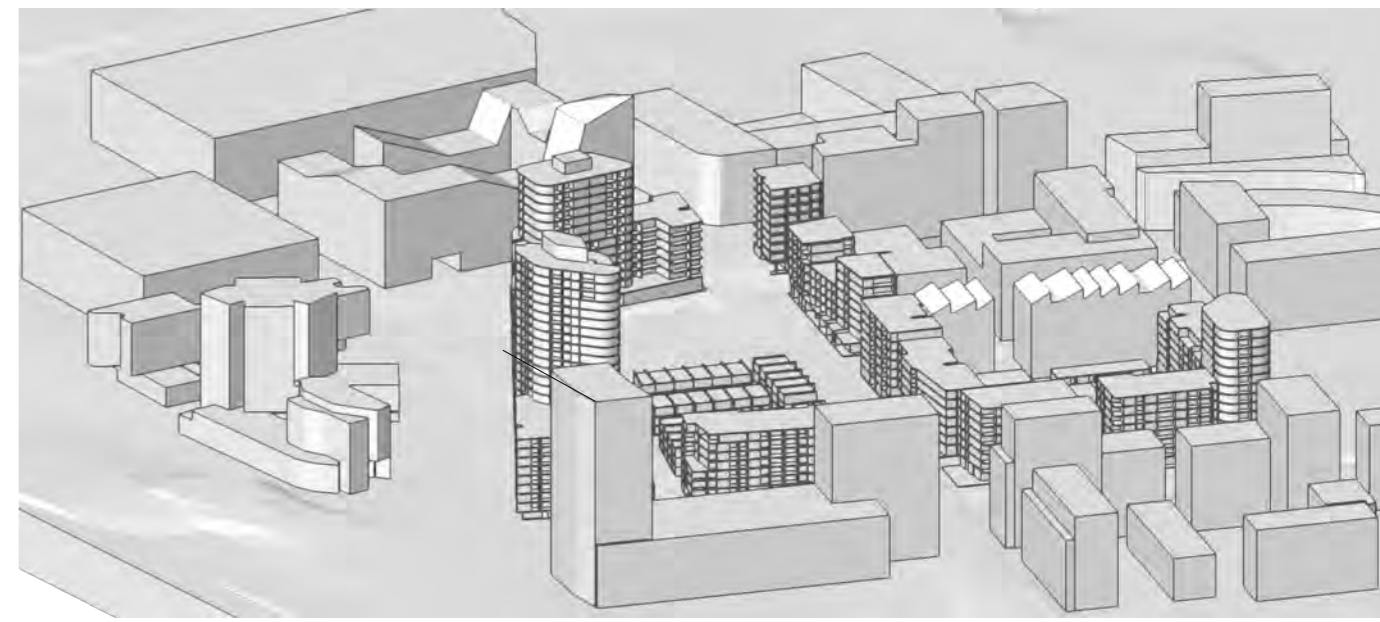




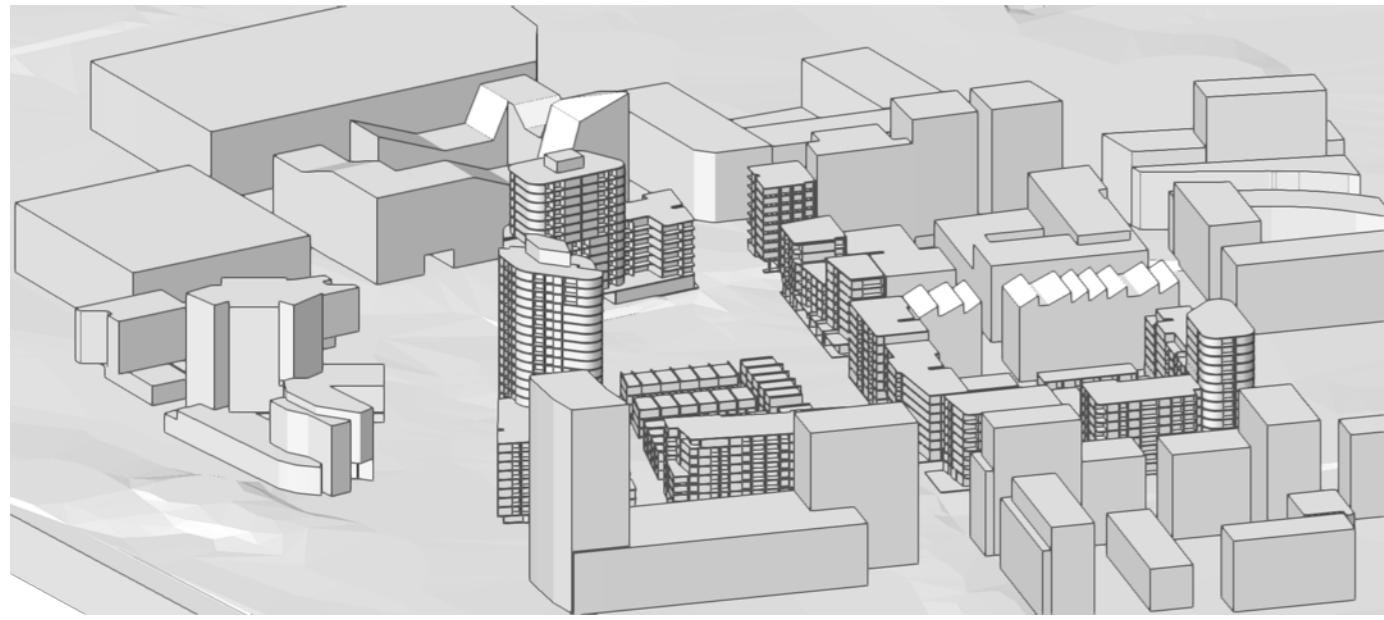
21/6 0900



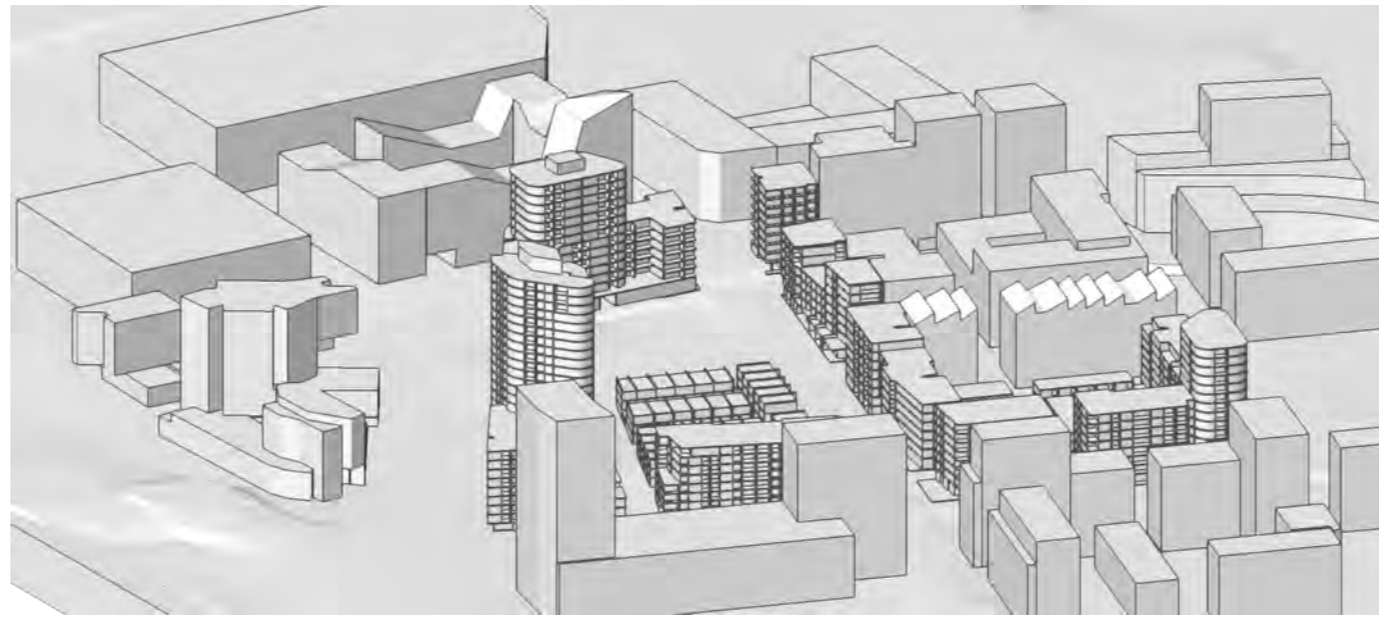
21/6 0905



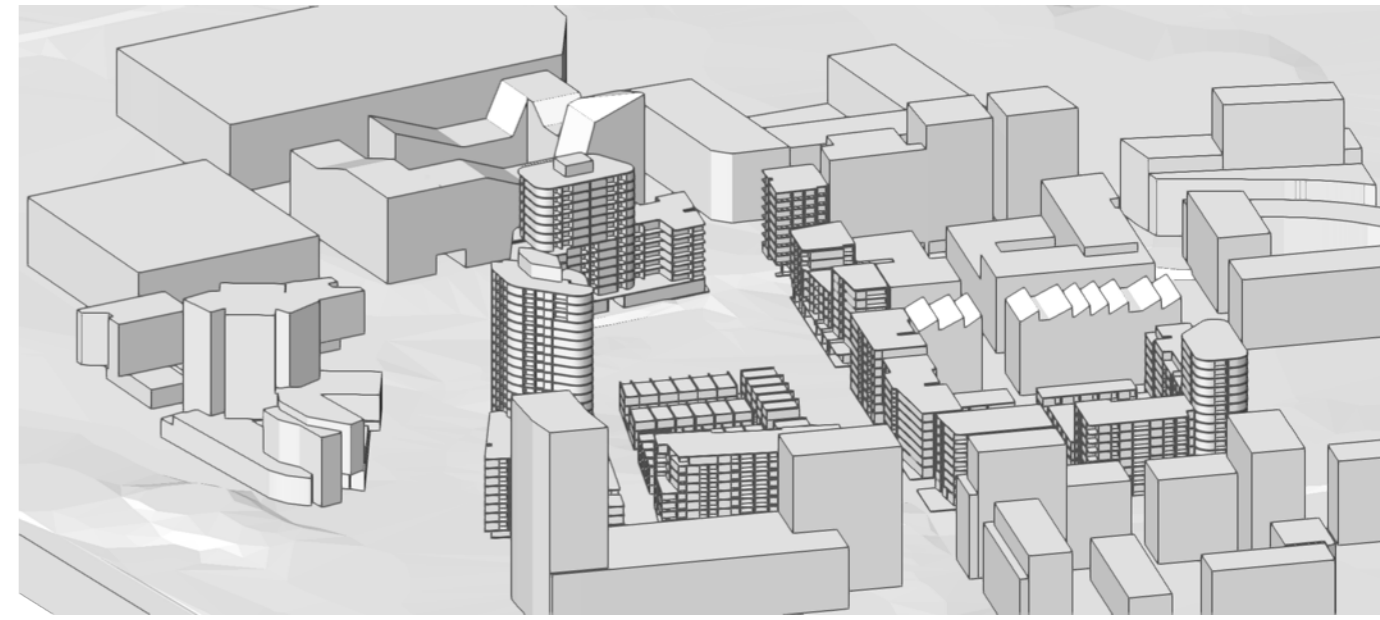
21/6 0910



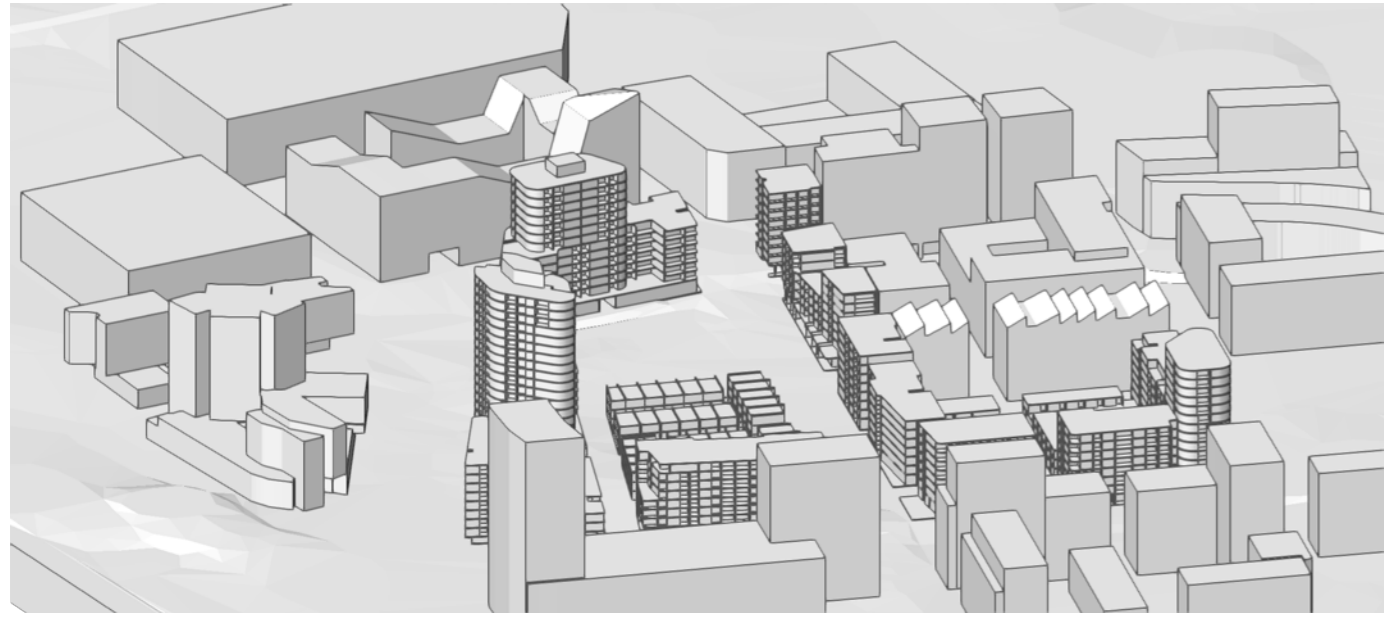
21/6 0915



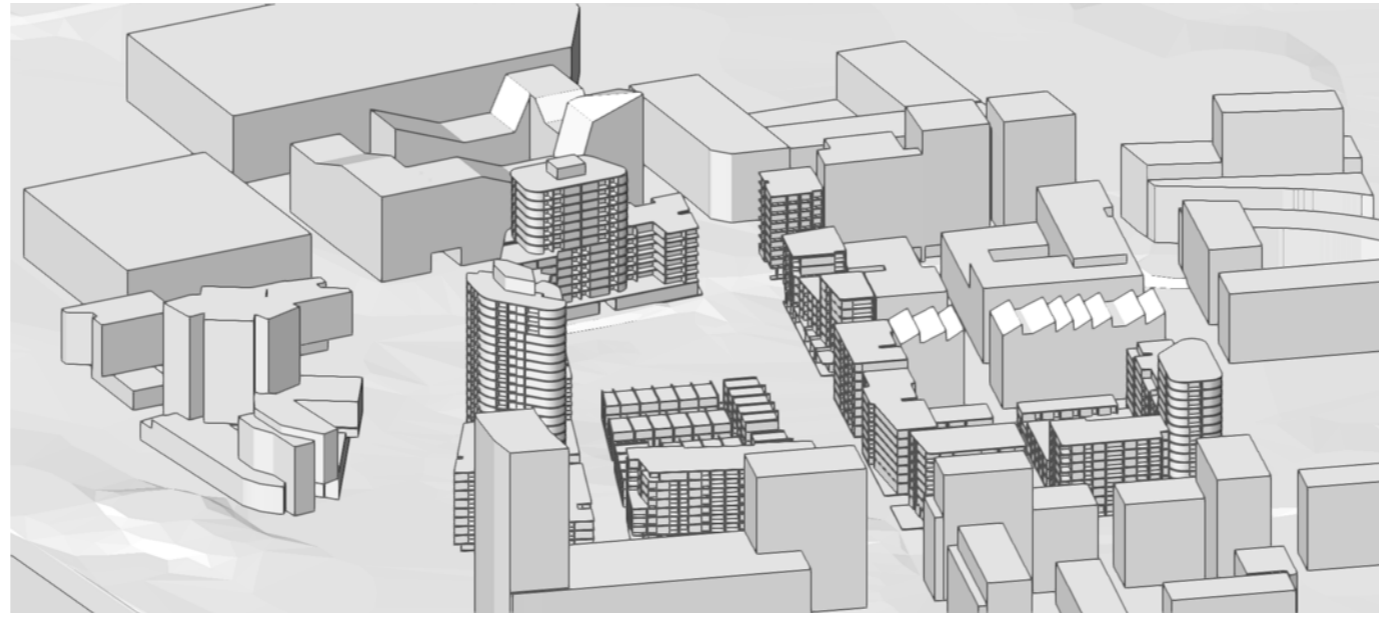
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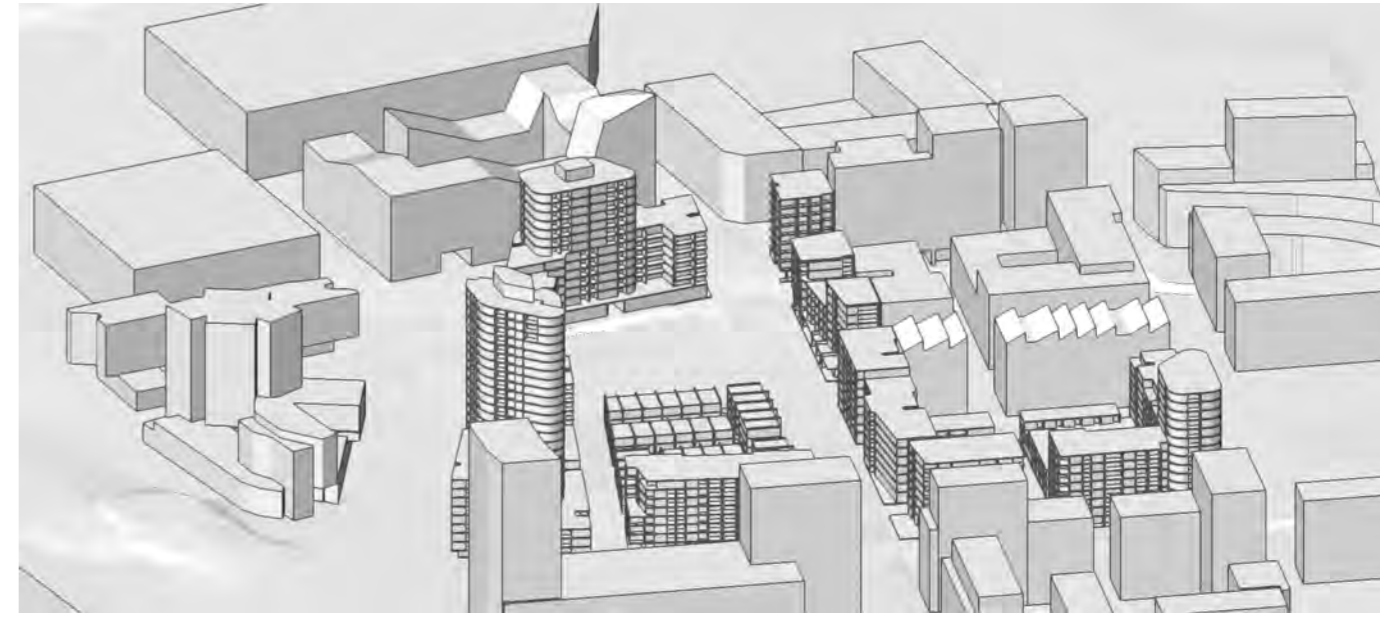
21/6 0925



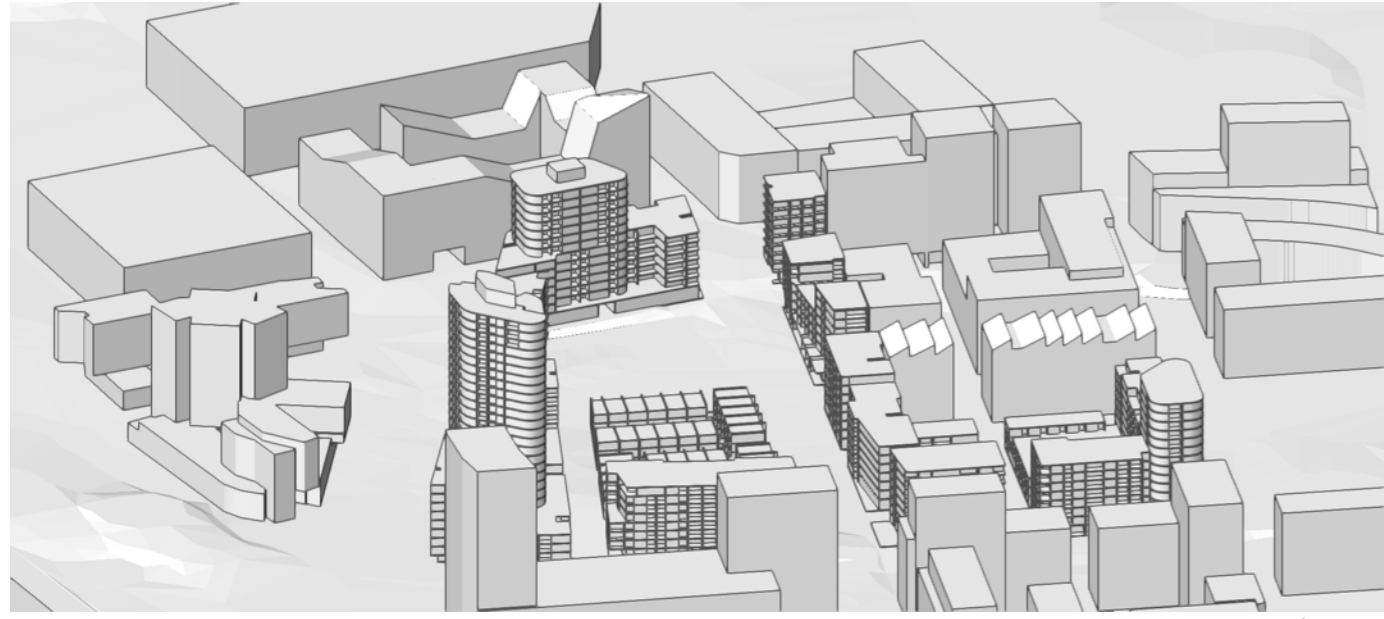
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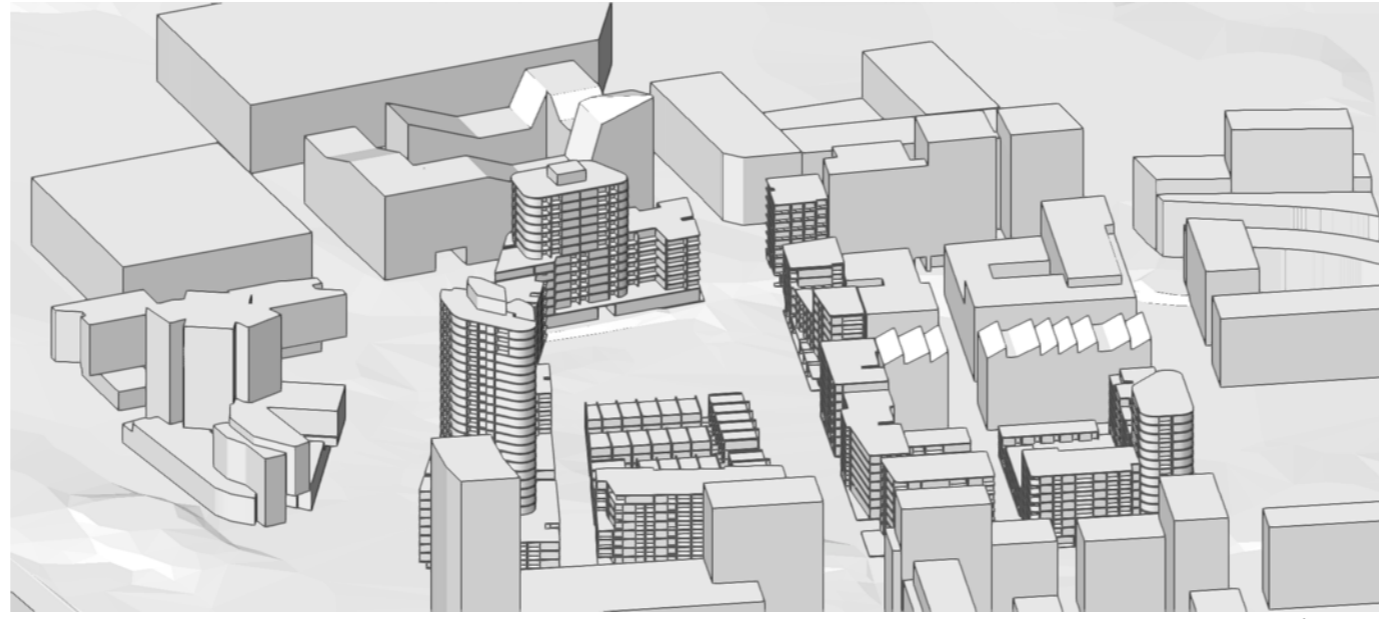
21/6 0935



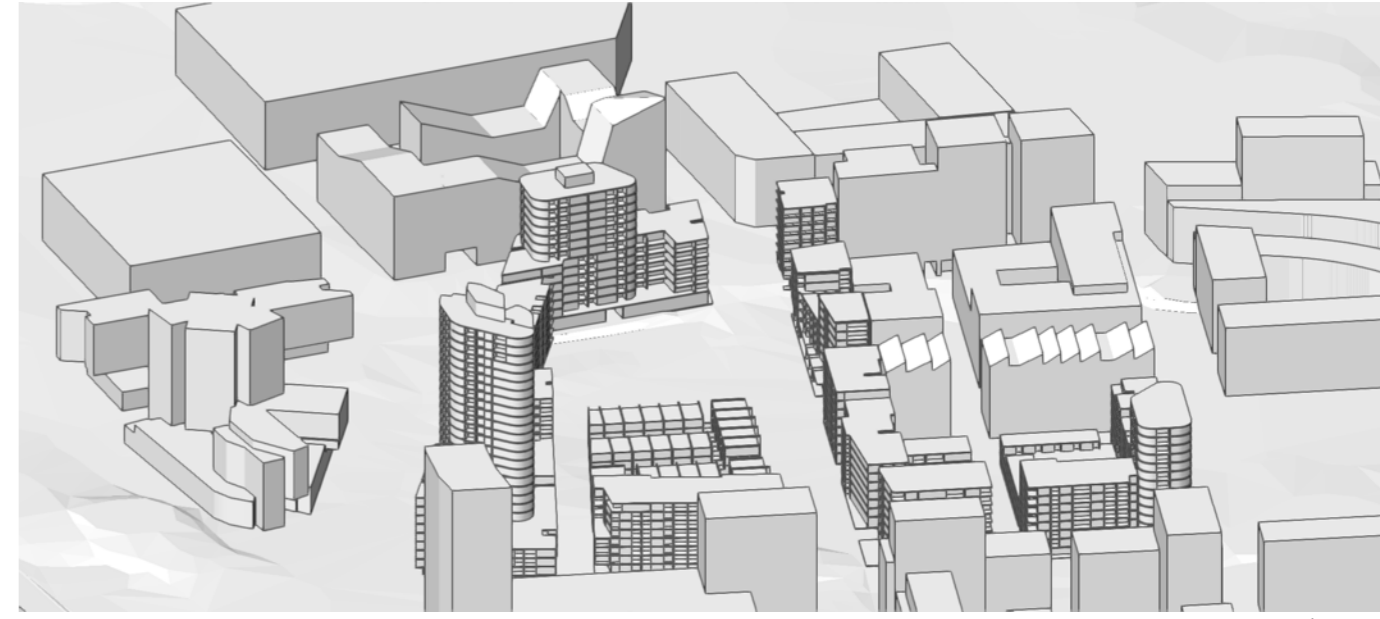
21/6 0940



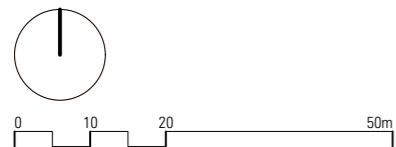
21/6 0945



21/6 0950



21/6 0955



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PROJECT DETAILS  
SUTTON SITE  
ZETLAND  
BY  
MERITON

NOTES  
all dimensions in millimetres unless otherwise noted  
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LEGEND

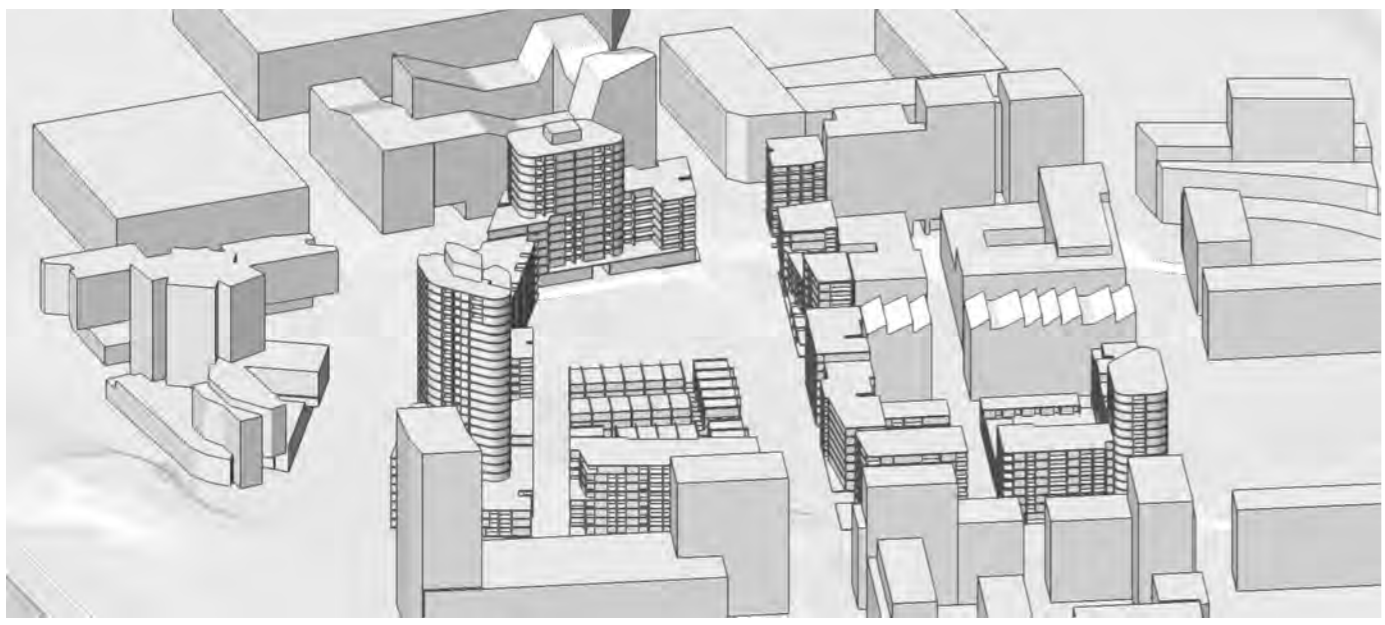
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VIEWS FROM SUN 0900-0955  
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STATUS  
REFERENCE DESIGN  
DATE  
11/7/2022  
2129\_3D\_SOLAR STUDIES.vwx

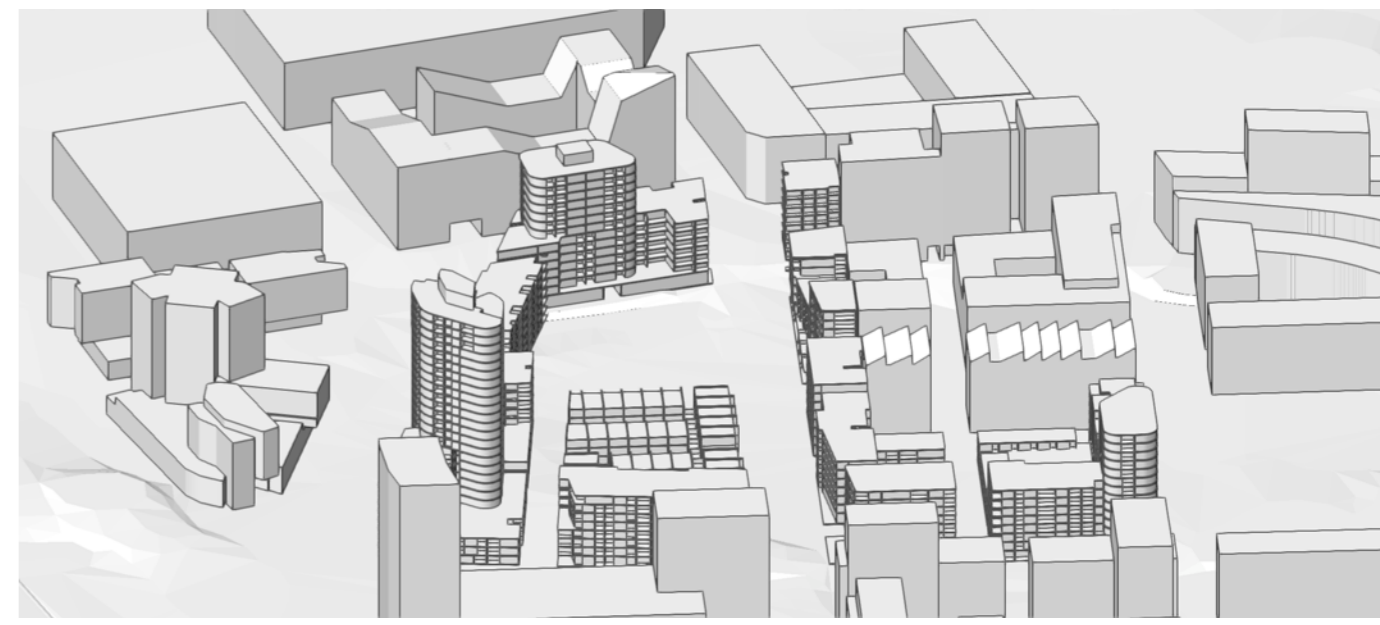




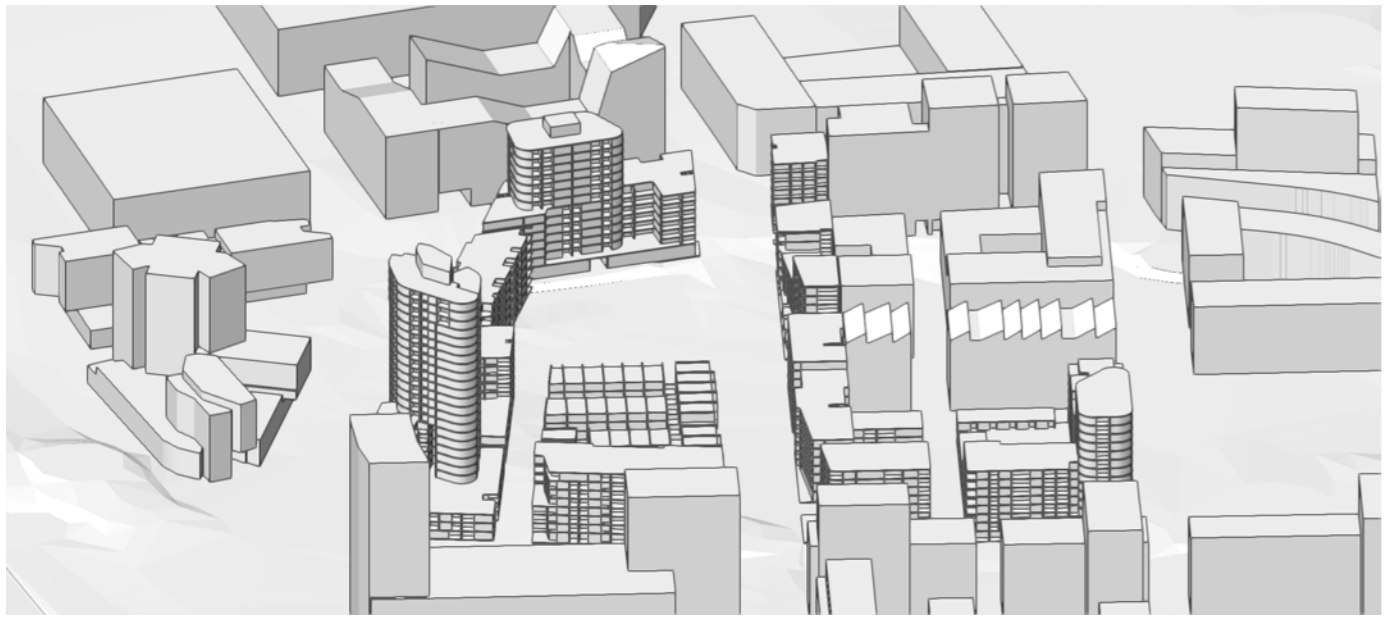
21/6 1000



21/6 1005



21/6 1010



21/6 1015



21/6 1020



21/6 1025



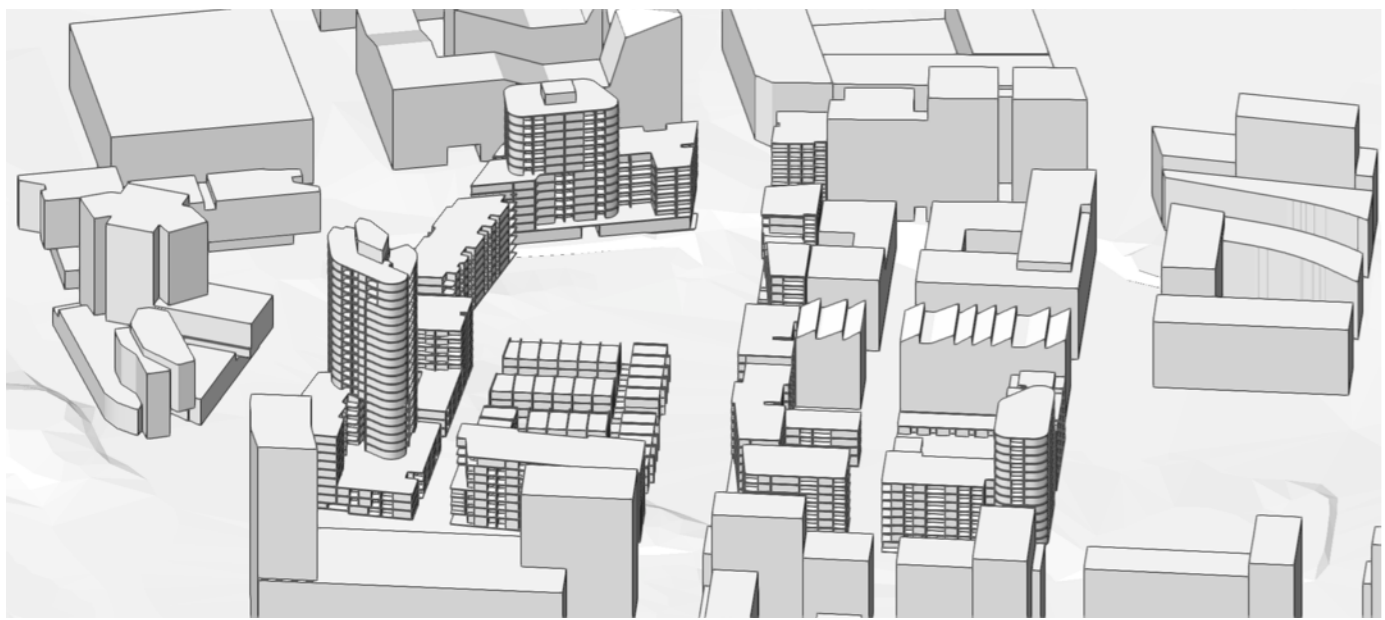
21/6 1030



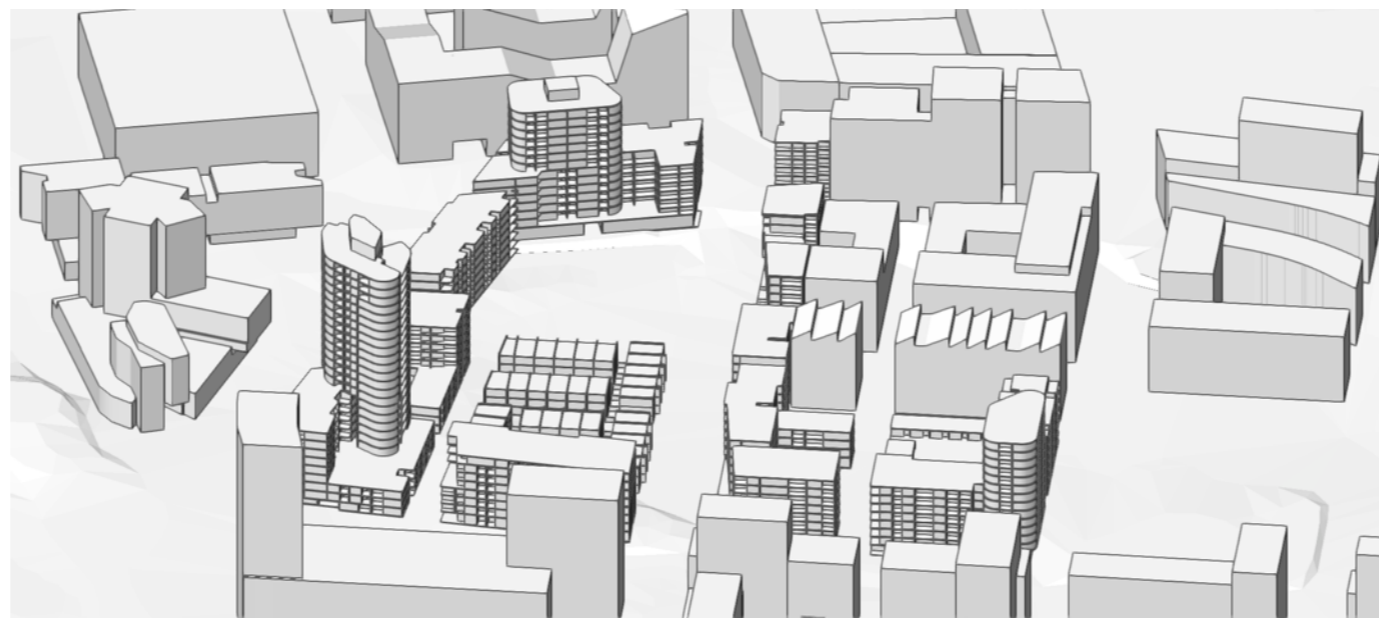
21/6 1035



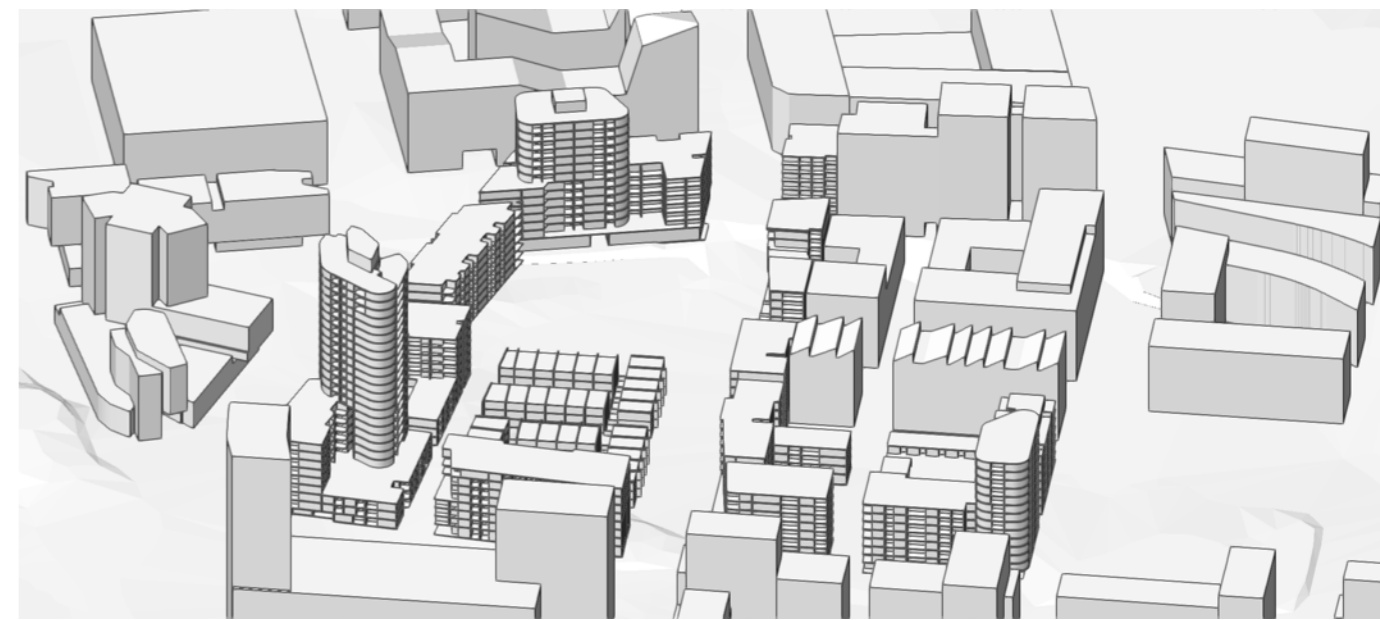
21/6 1040



21/6 1045

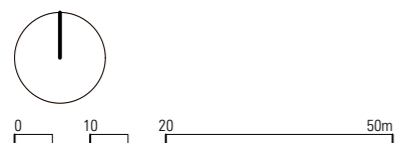


21/6 1050



21/6 1055

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SUTTON SITE  
ZETLAND  
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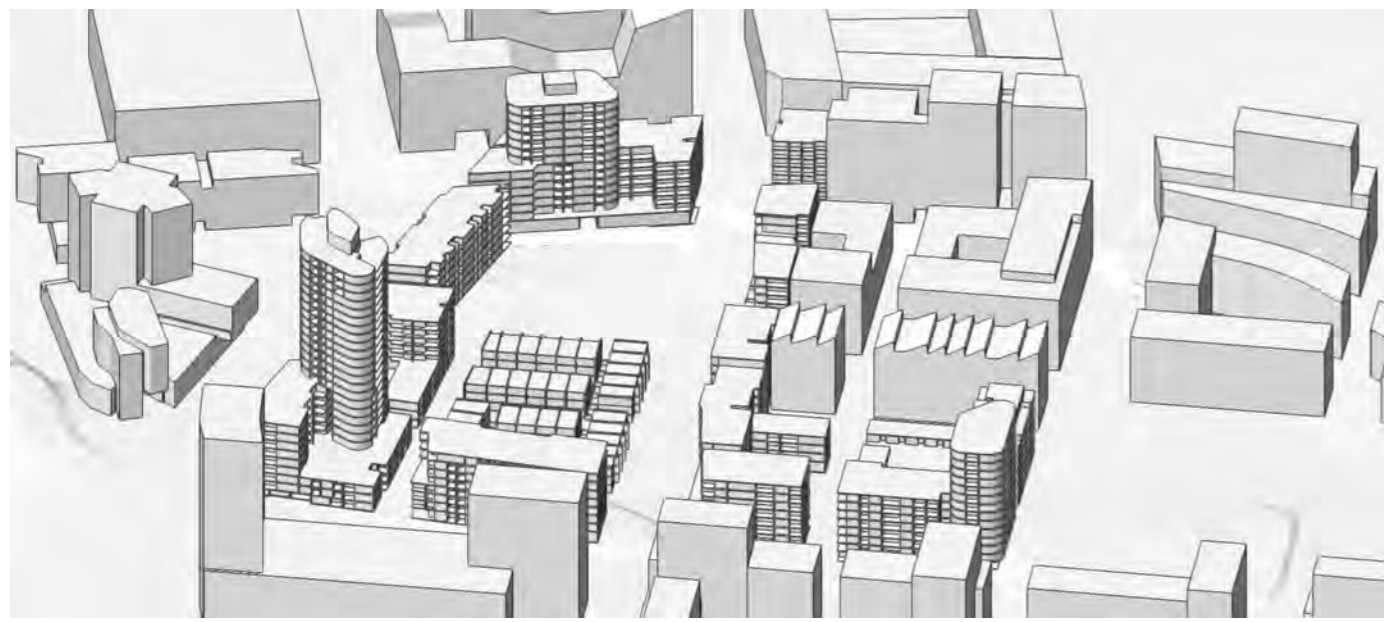
LEGEND

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DATE  
11/7/2022  
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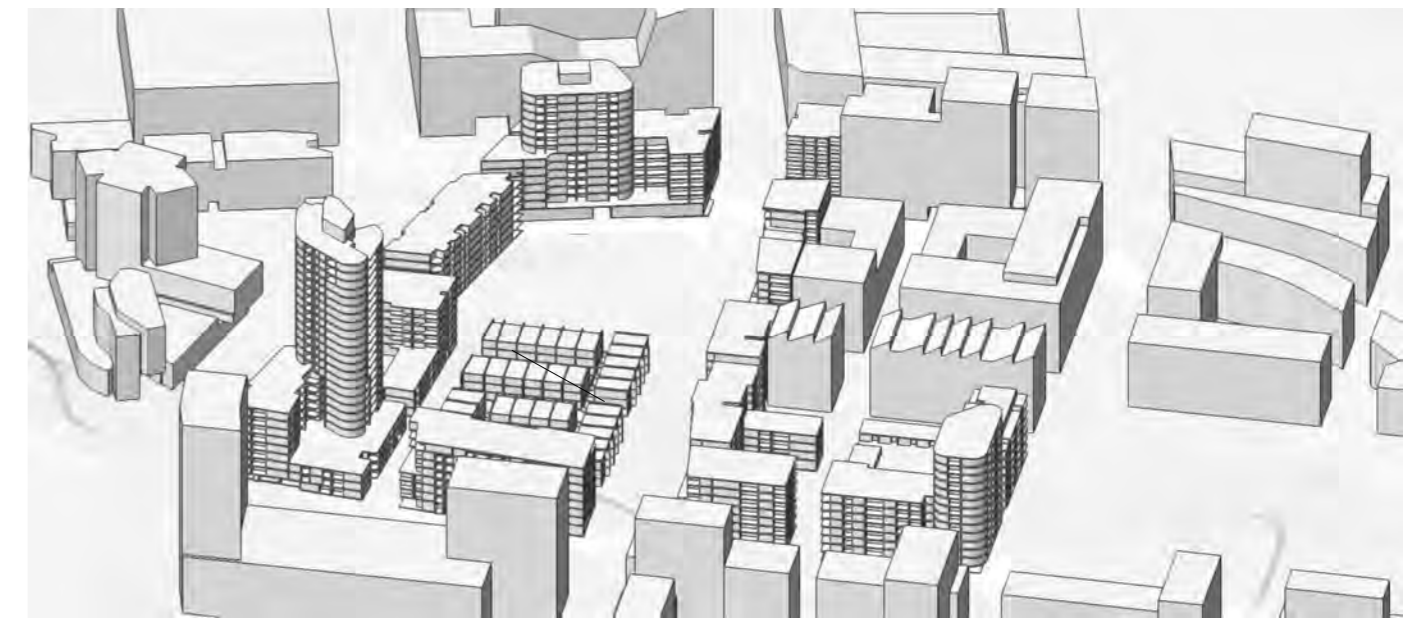




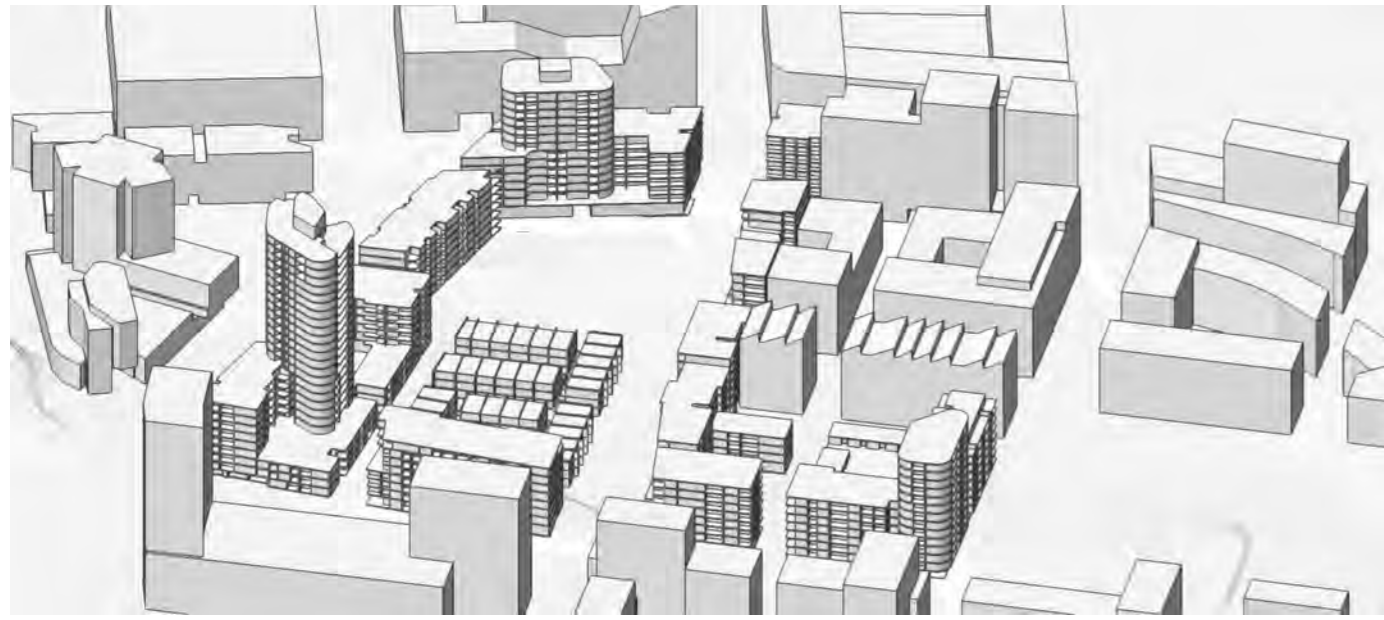
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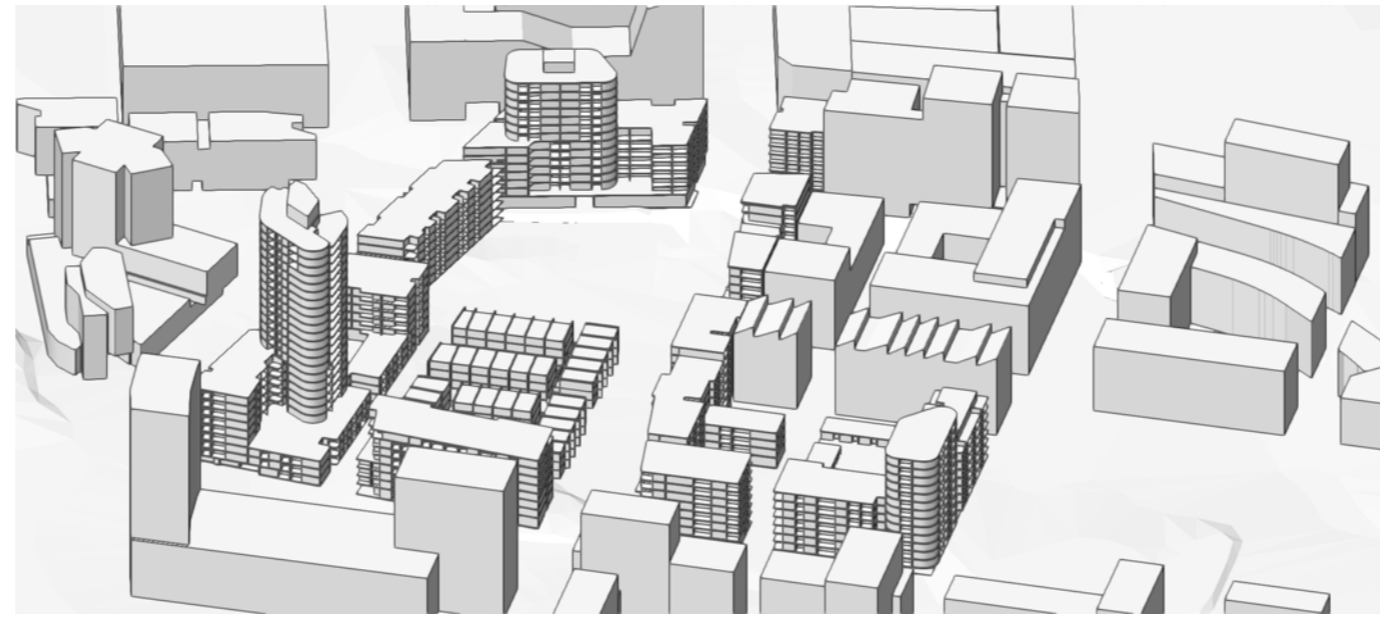
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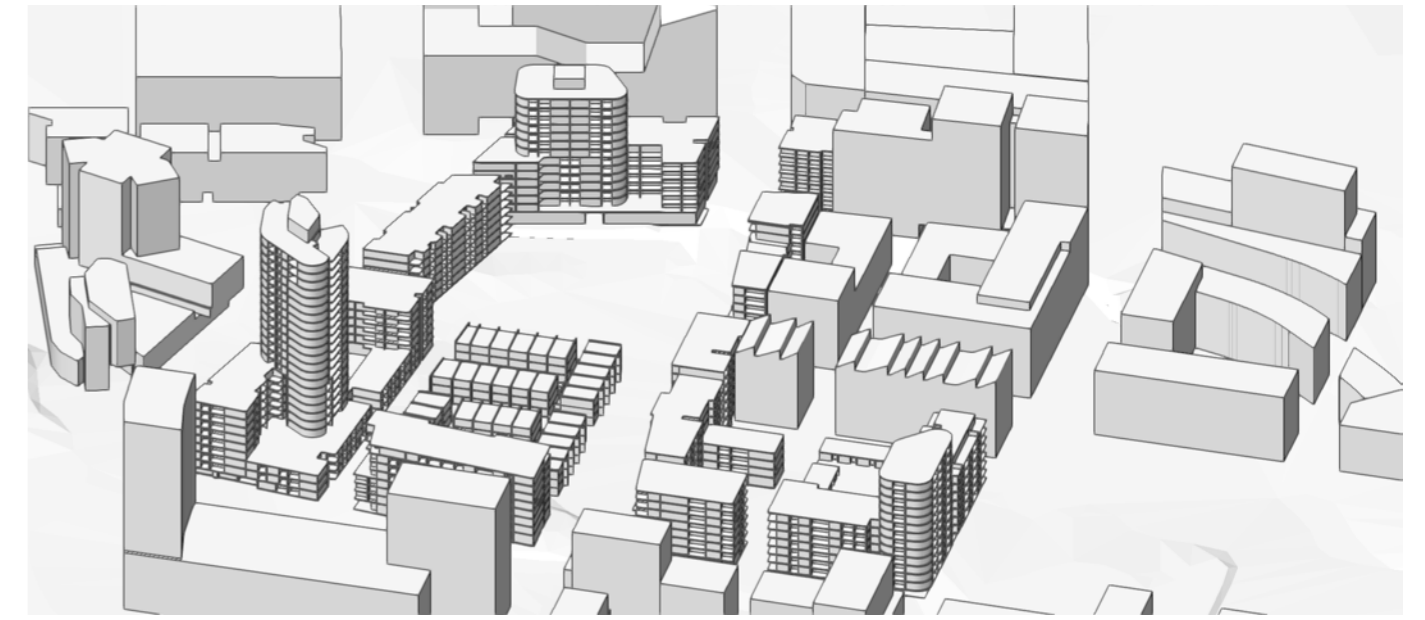
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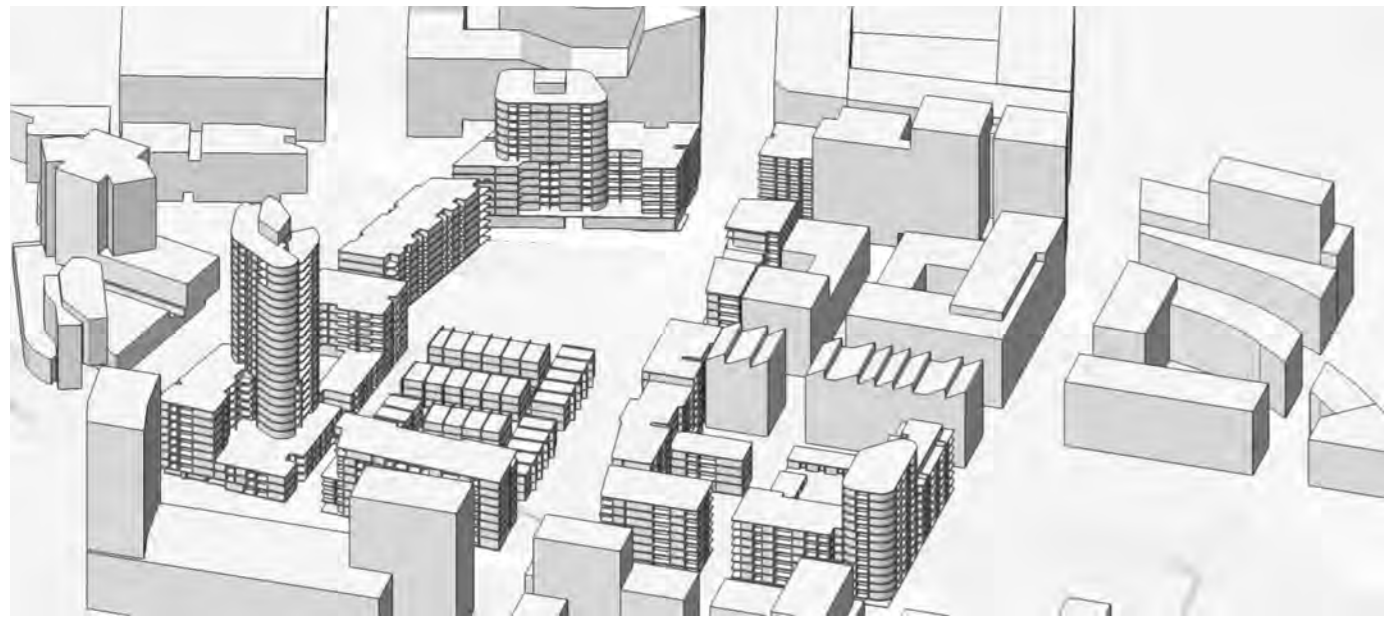
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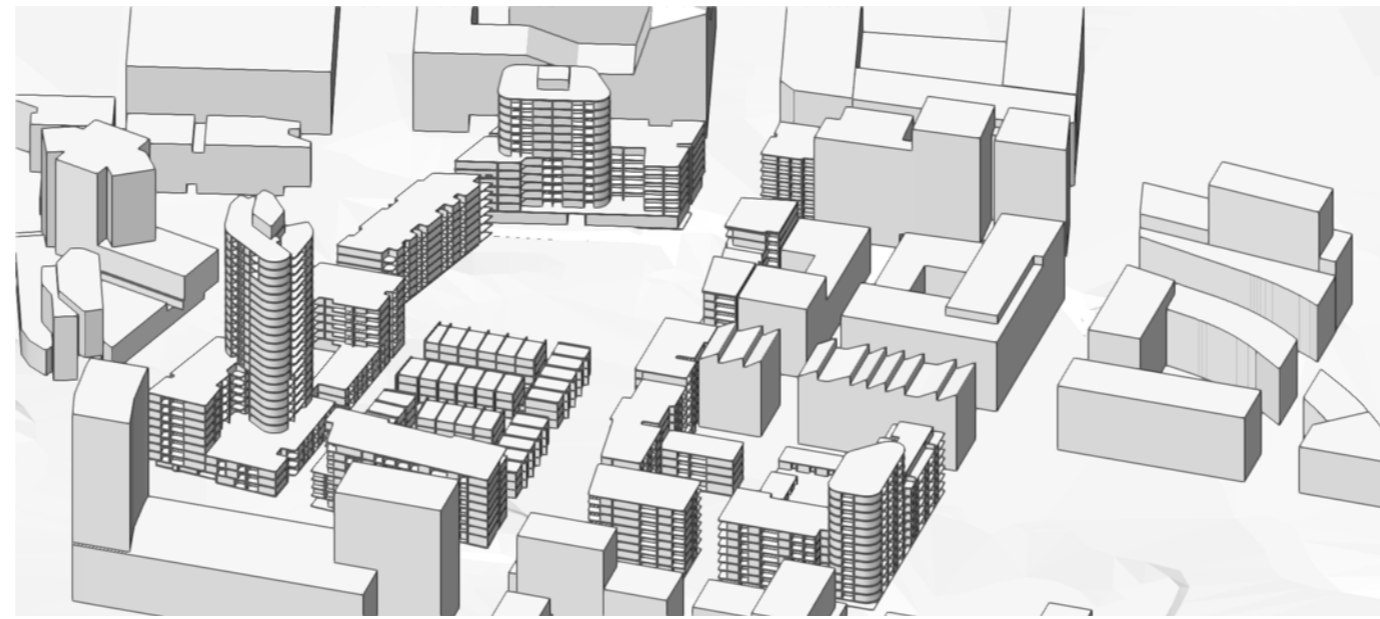
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21/6 1125



21/6 1130



21/6 1135



21/6 1140



21/6 1145



21/6 1150



21/6 1155

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PROJECT DETAILS  
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ZETLAND  
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LEGEND

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DATE  
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2129\_3D\_SOLAR STUDIES.vwx





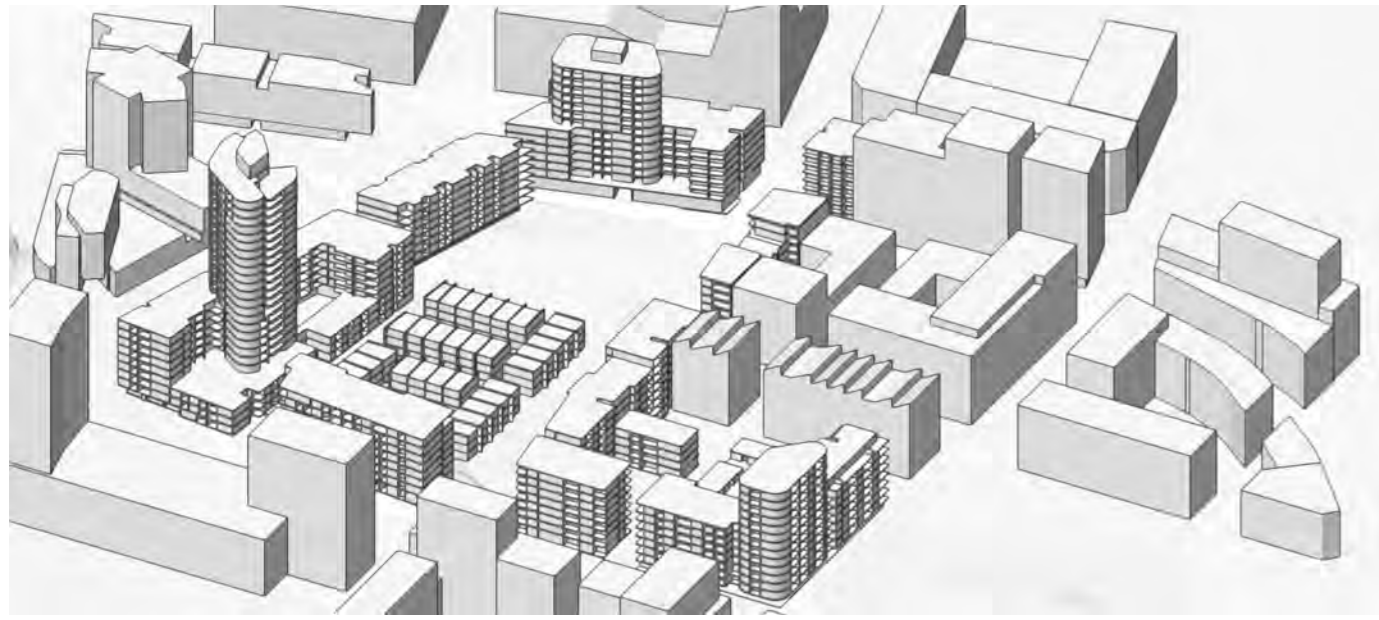
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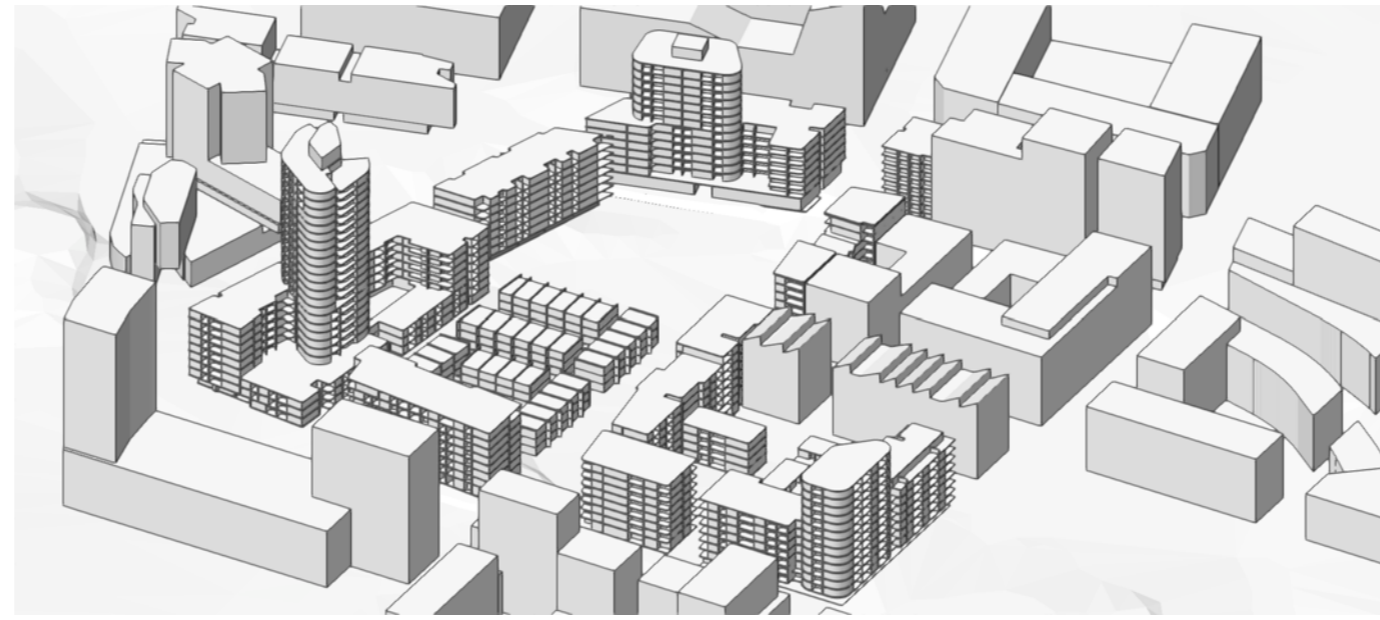
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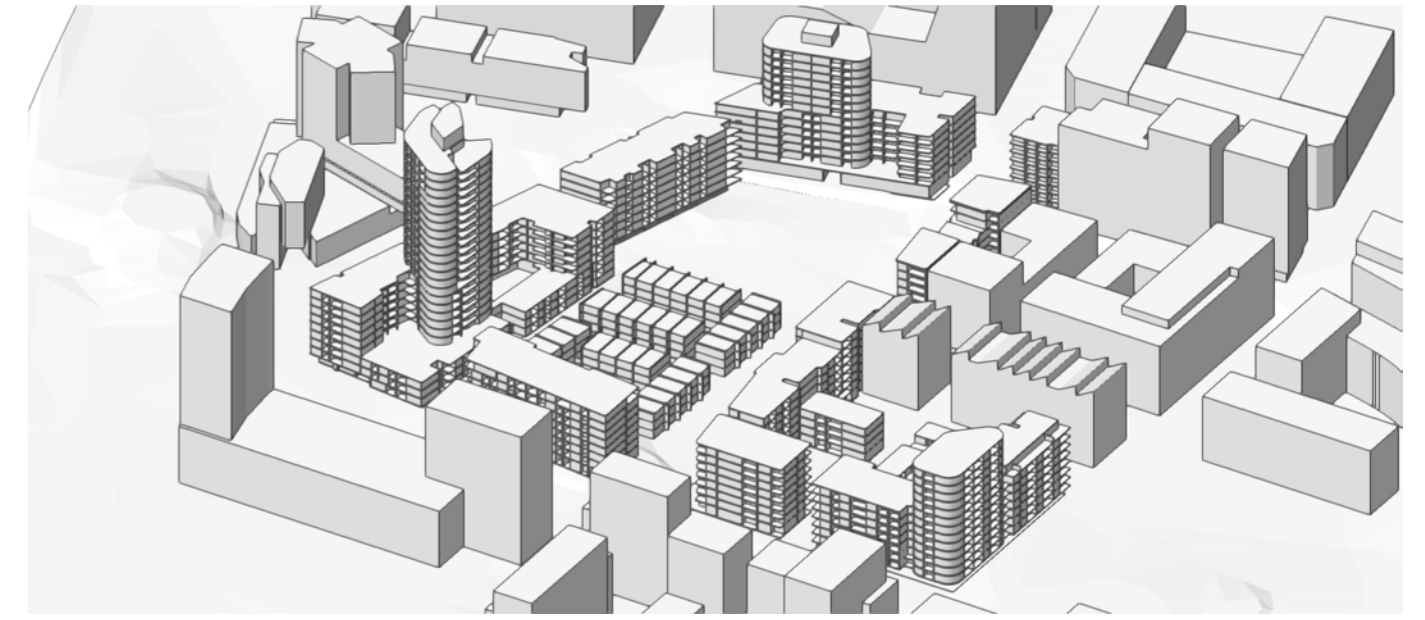
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21/6 1215



21/6 1220



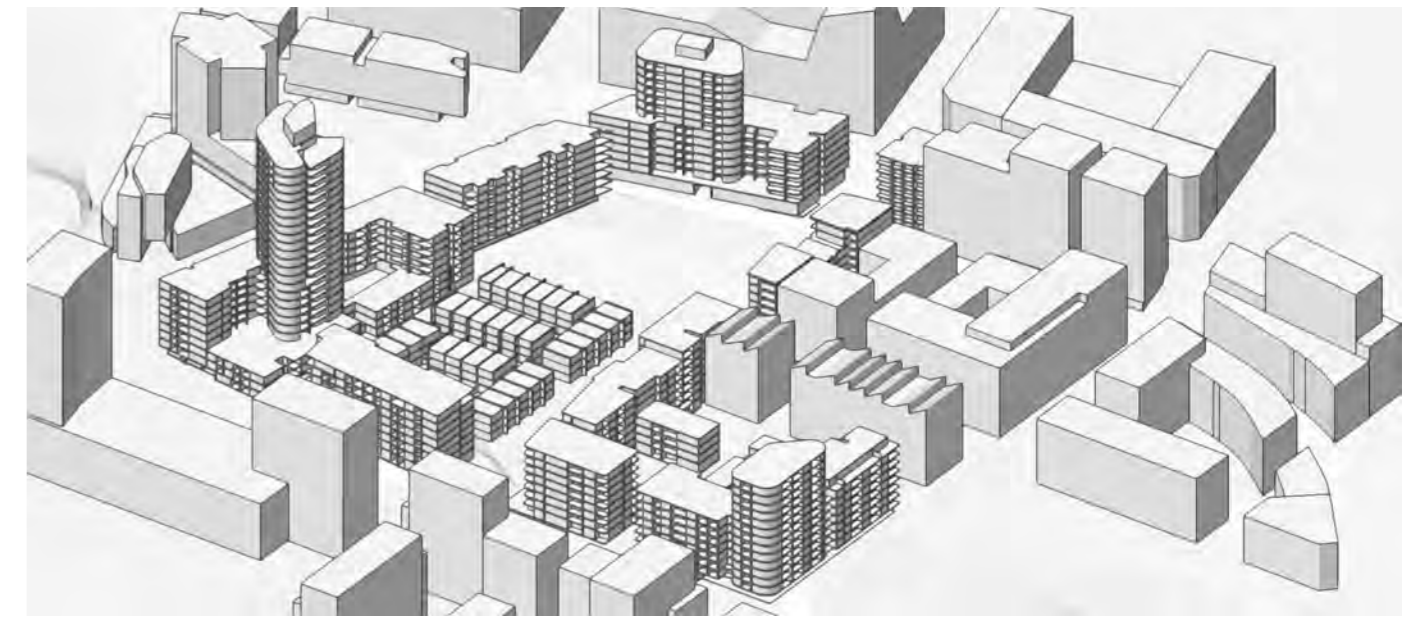
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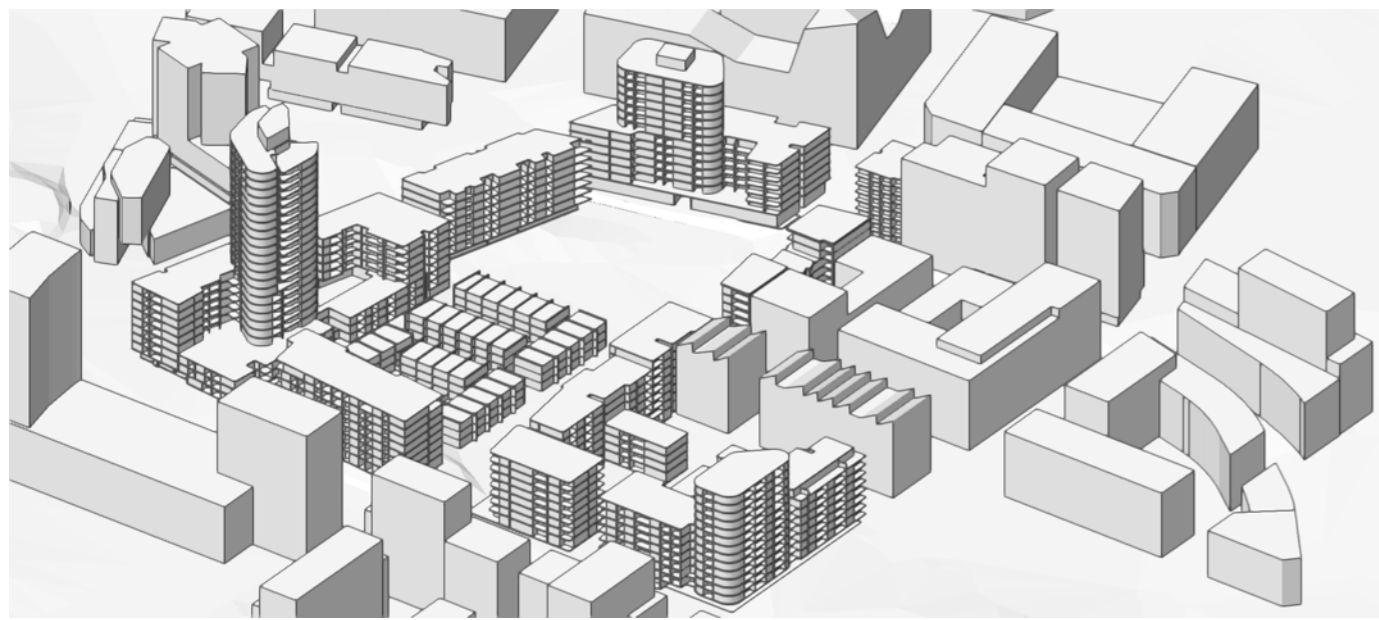
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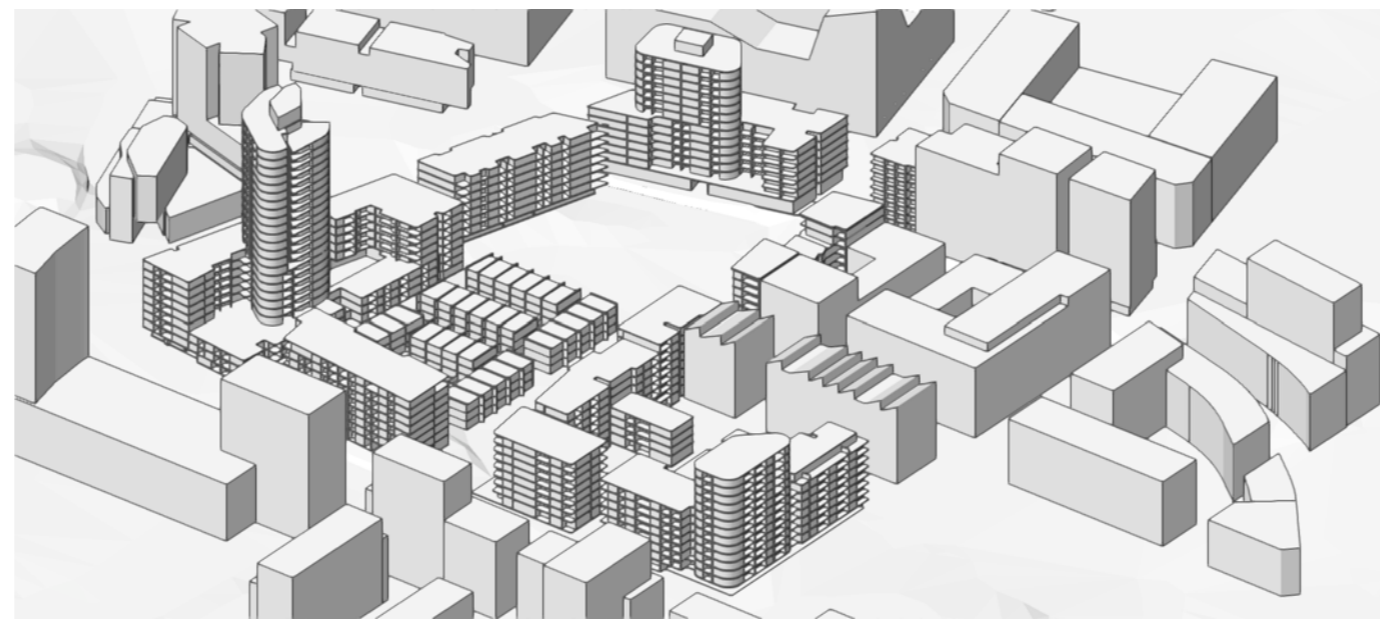
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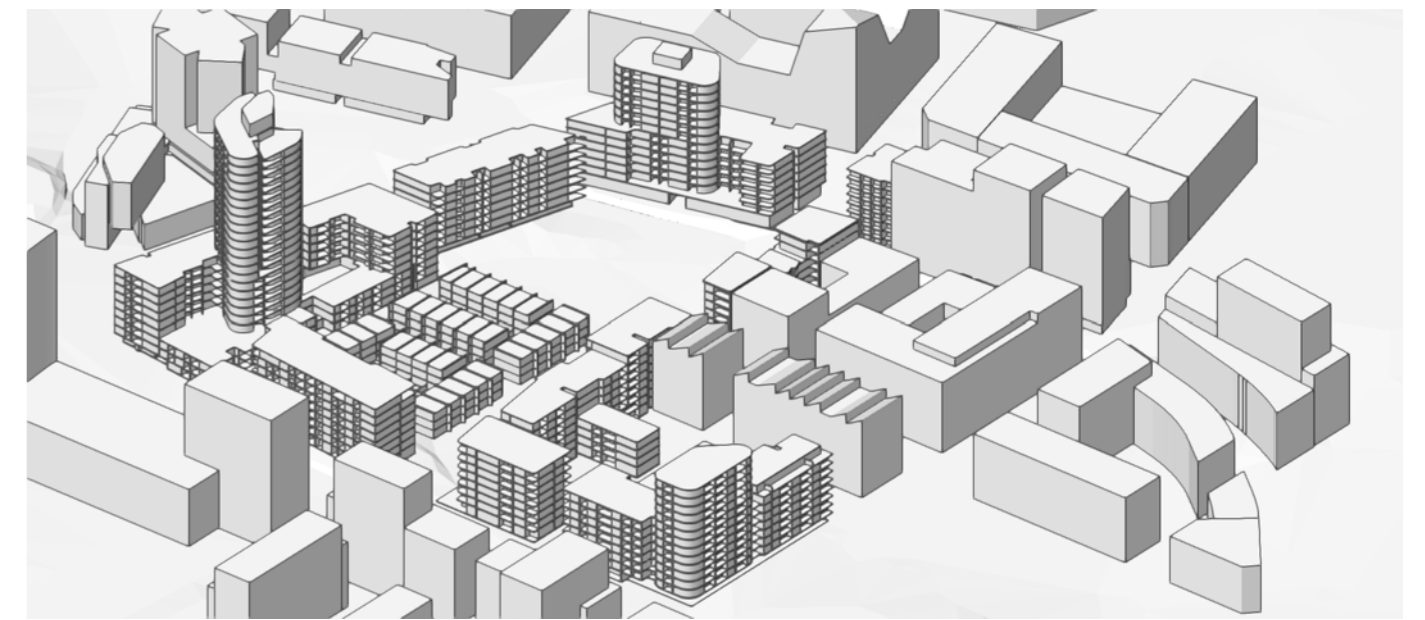
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21/6 1245

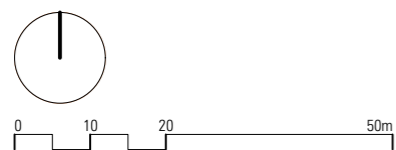


21/6 1250



21/6 1255

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PROJECT DETAILS  
SUTTON SITE  
ZETLAND  
BY  
MERITON

NOTES  
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REVISIONS  
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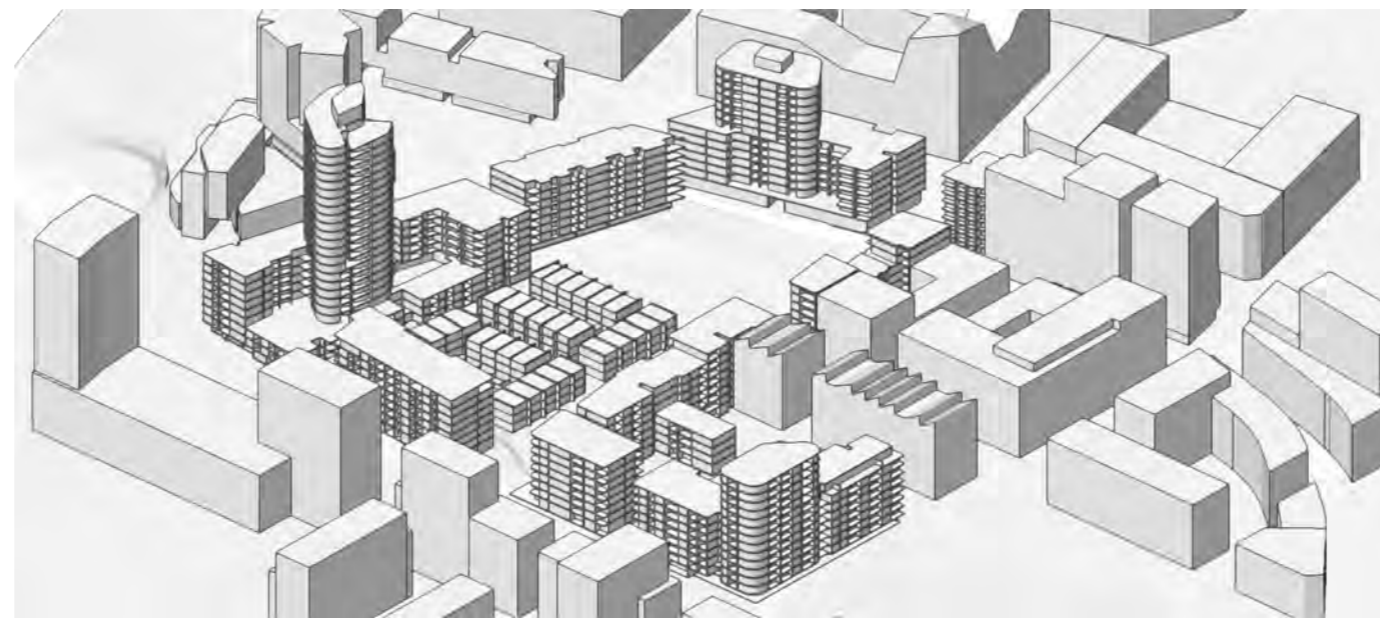
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DATE  
11/7/2022  
2129\_3D\_SOLAR STUDIES.vwx





21/6 1300



21/6 1305



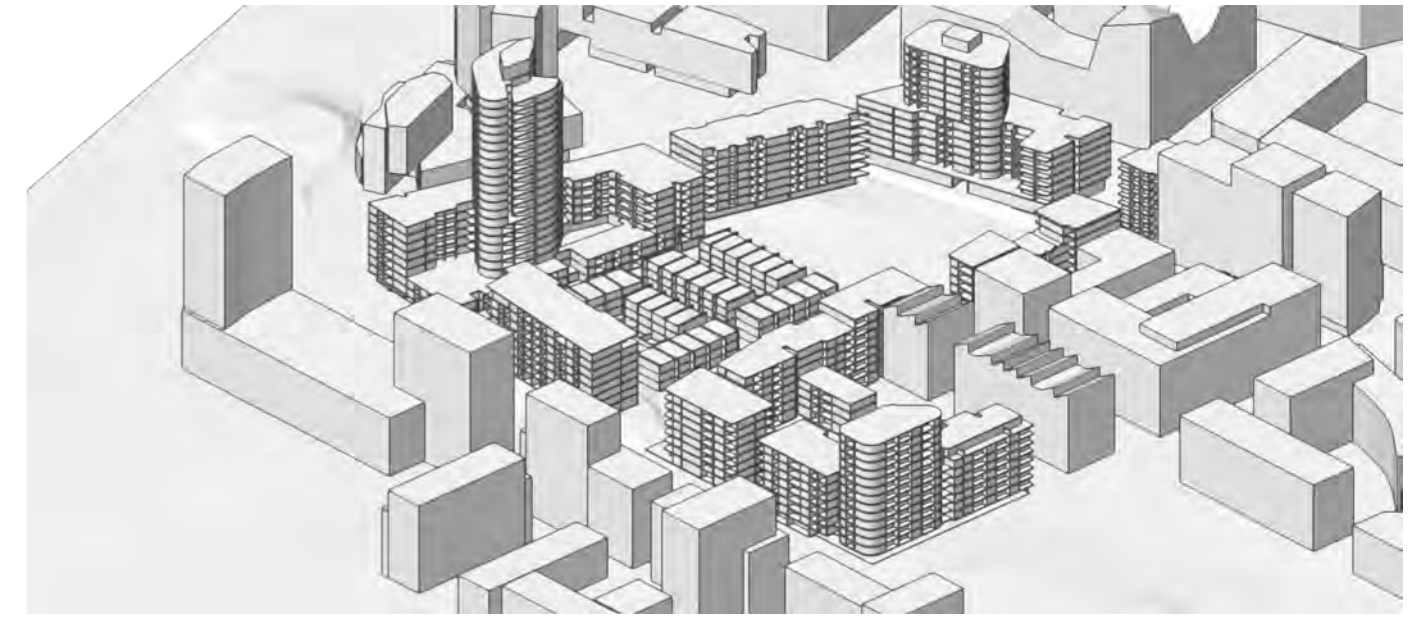
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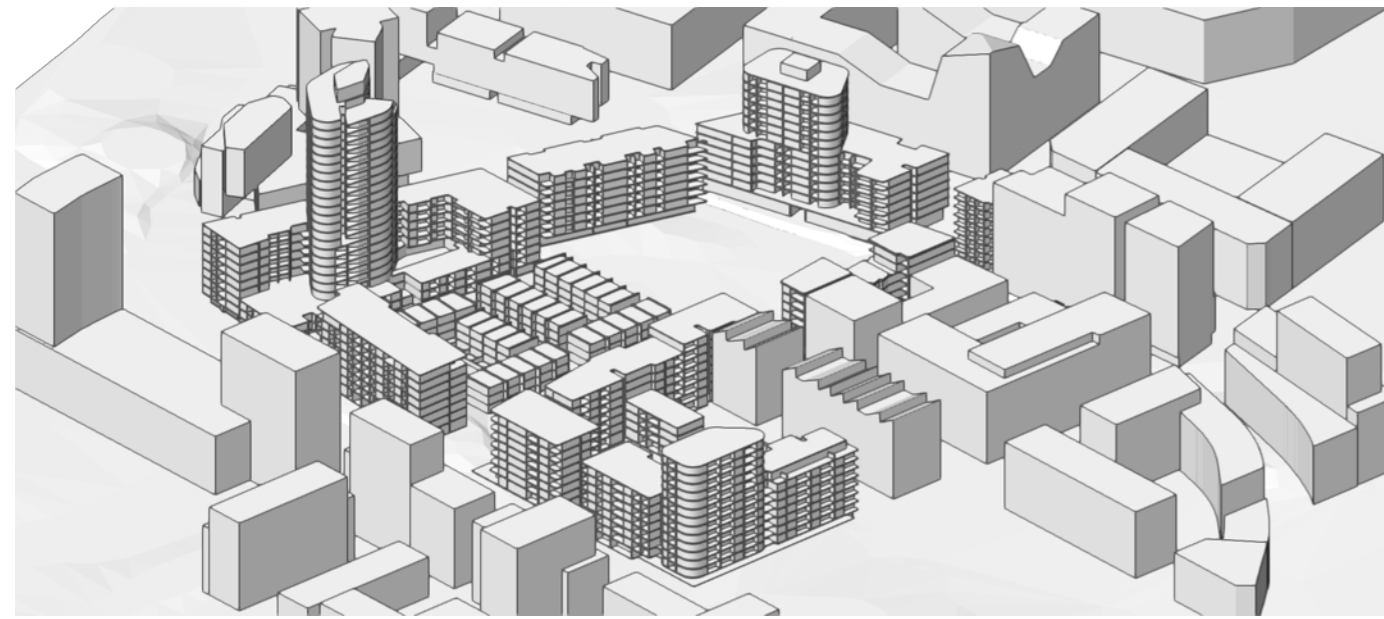
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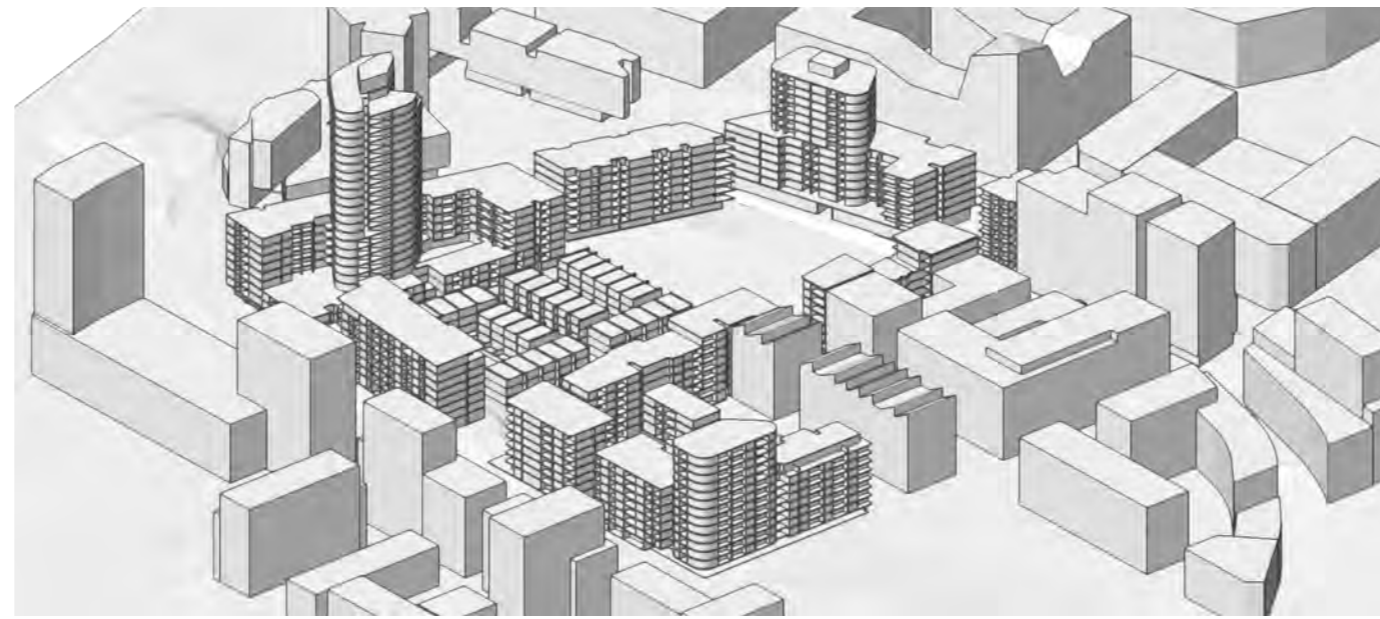
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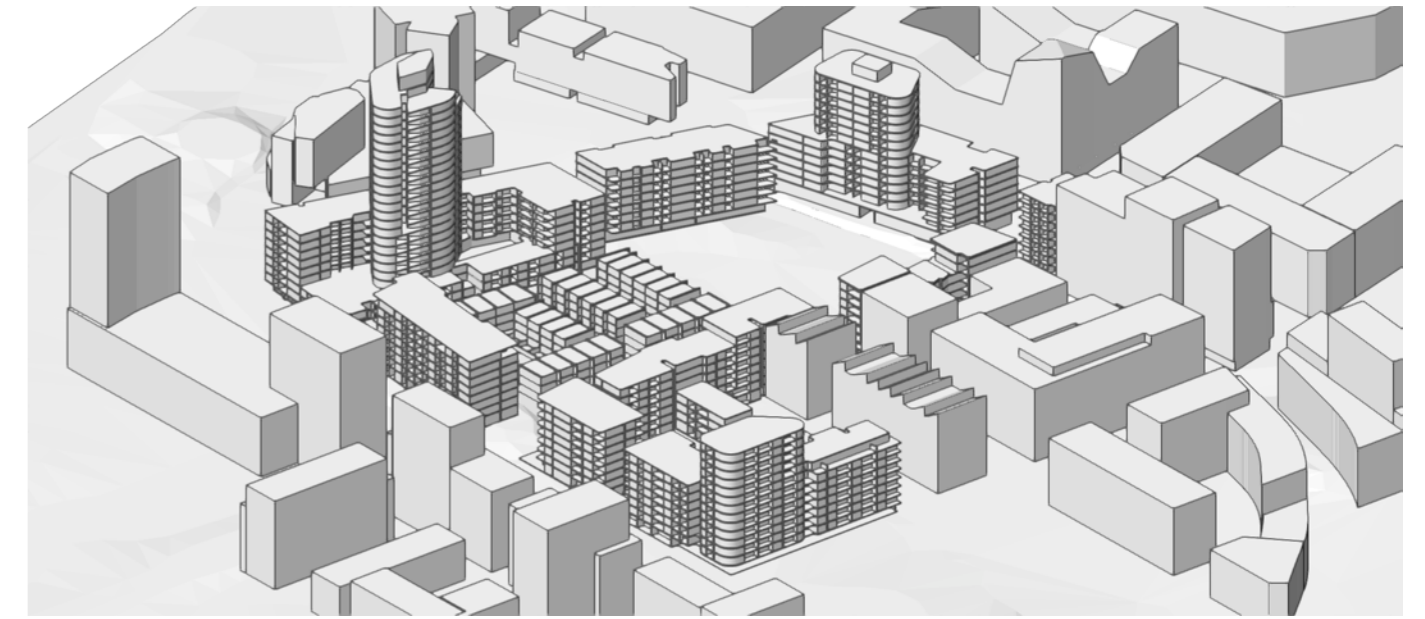
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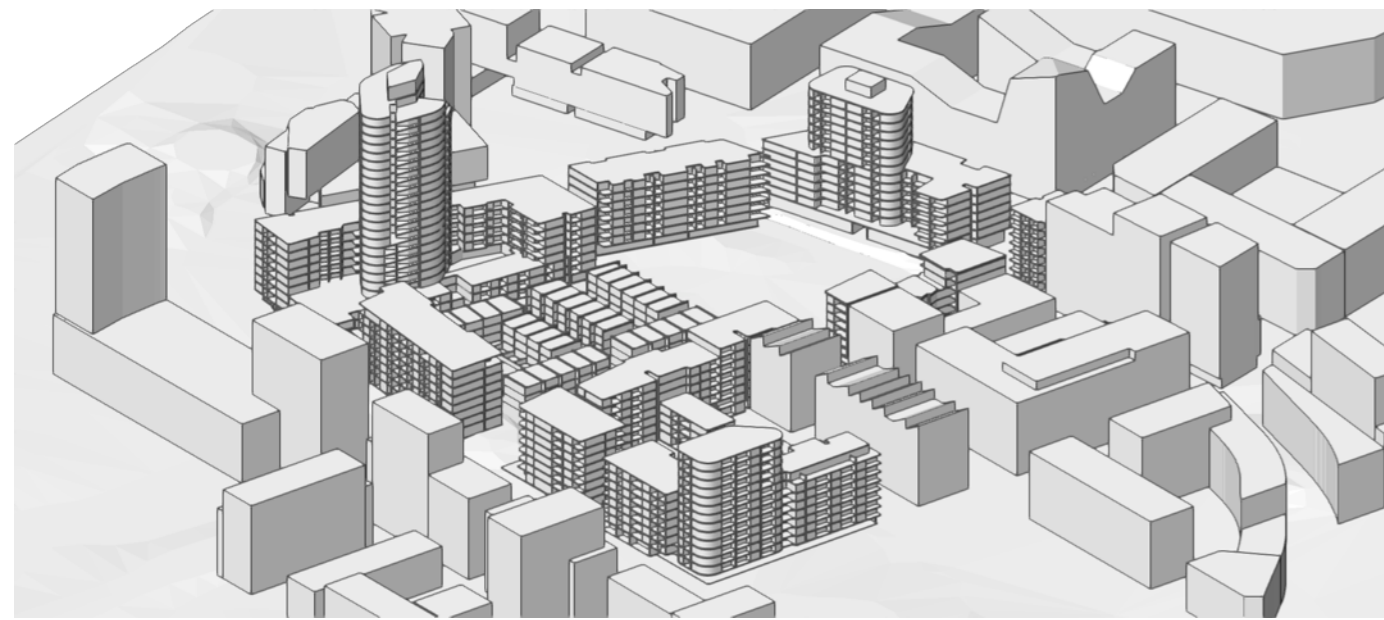
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21/6 1335



21/6 1340



21/6 1345

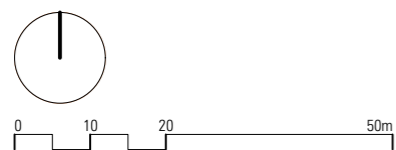


21/6 1350



21/6 1355

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SUITE 108  
59 MARLBOROUGH ST  
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PROJECT DETAILS  
SUTTON SITE  
ZETLAND  
BY  
MERITON

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REVISIONS  
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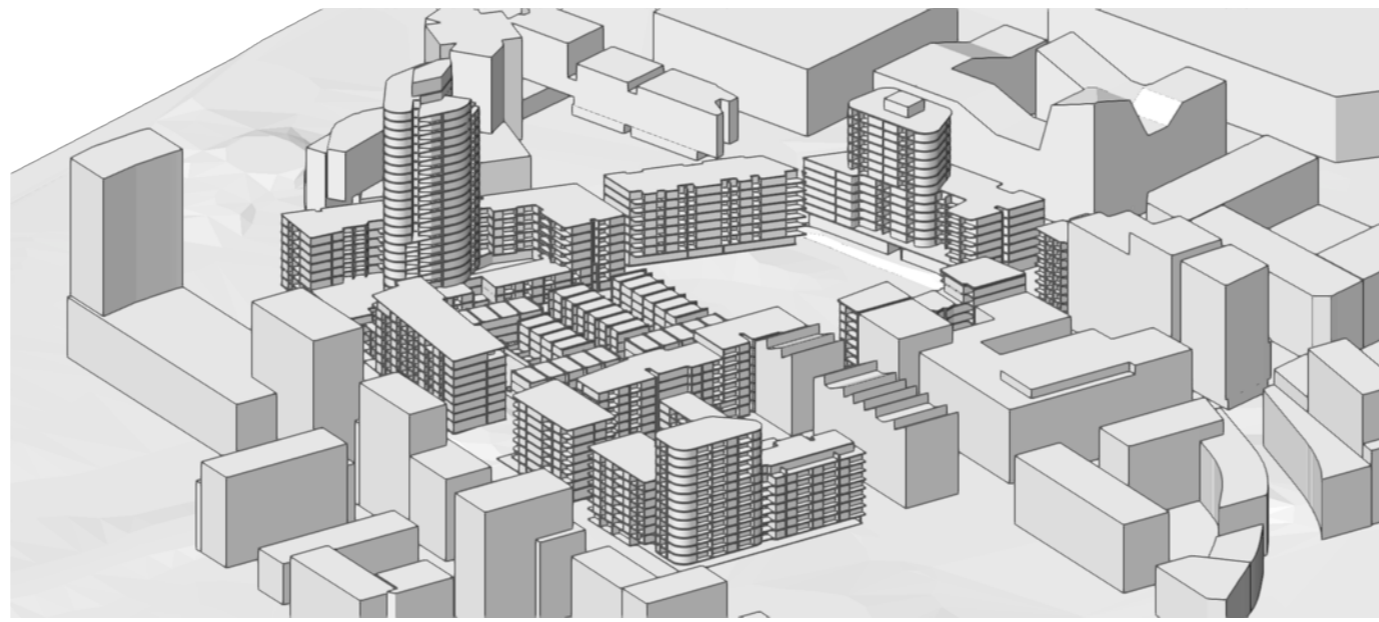
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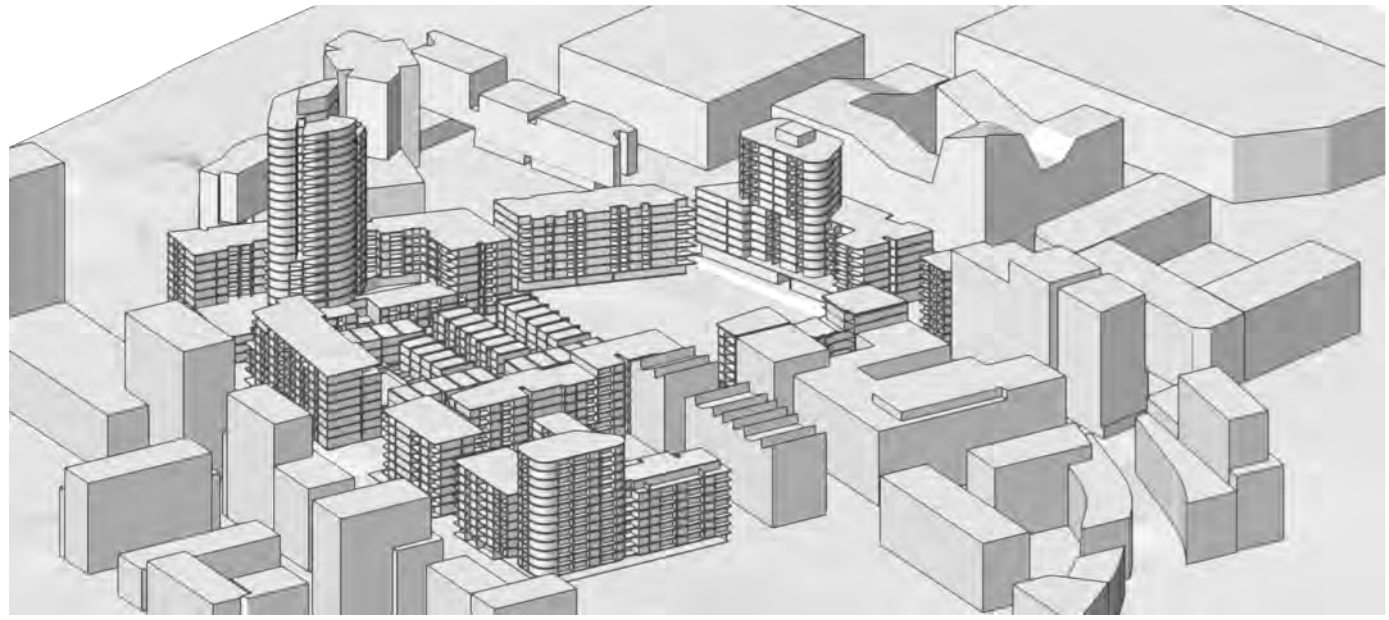
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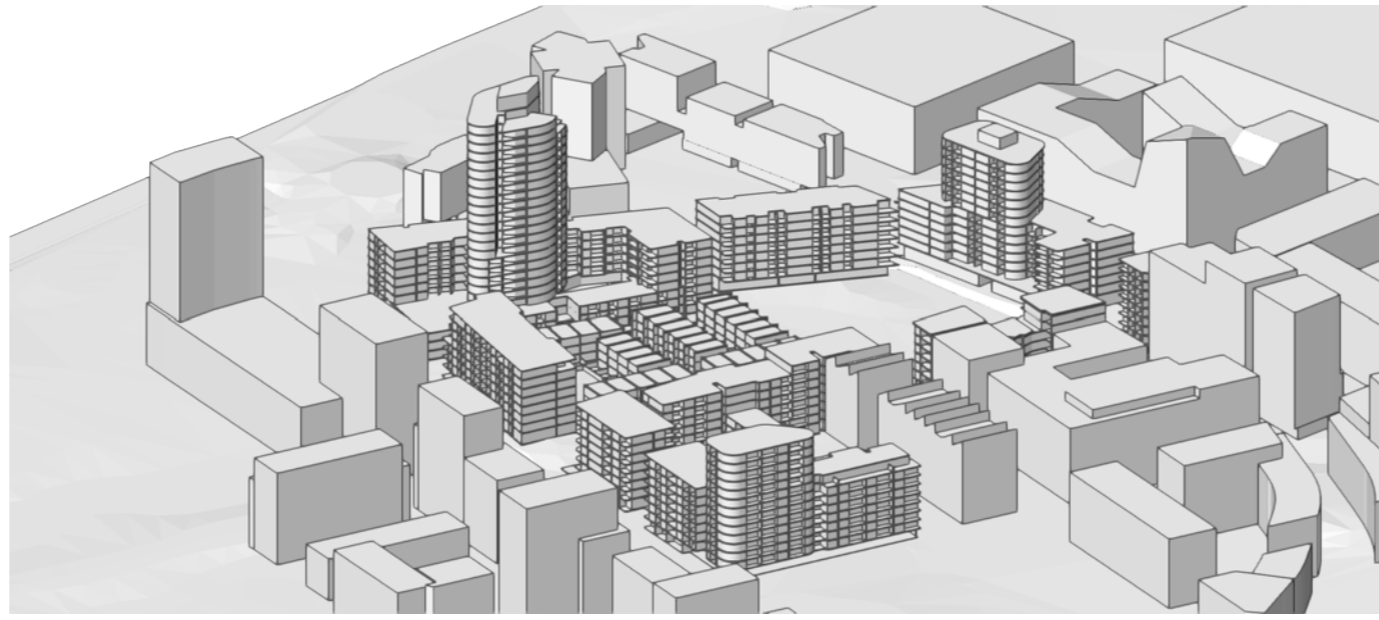
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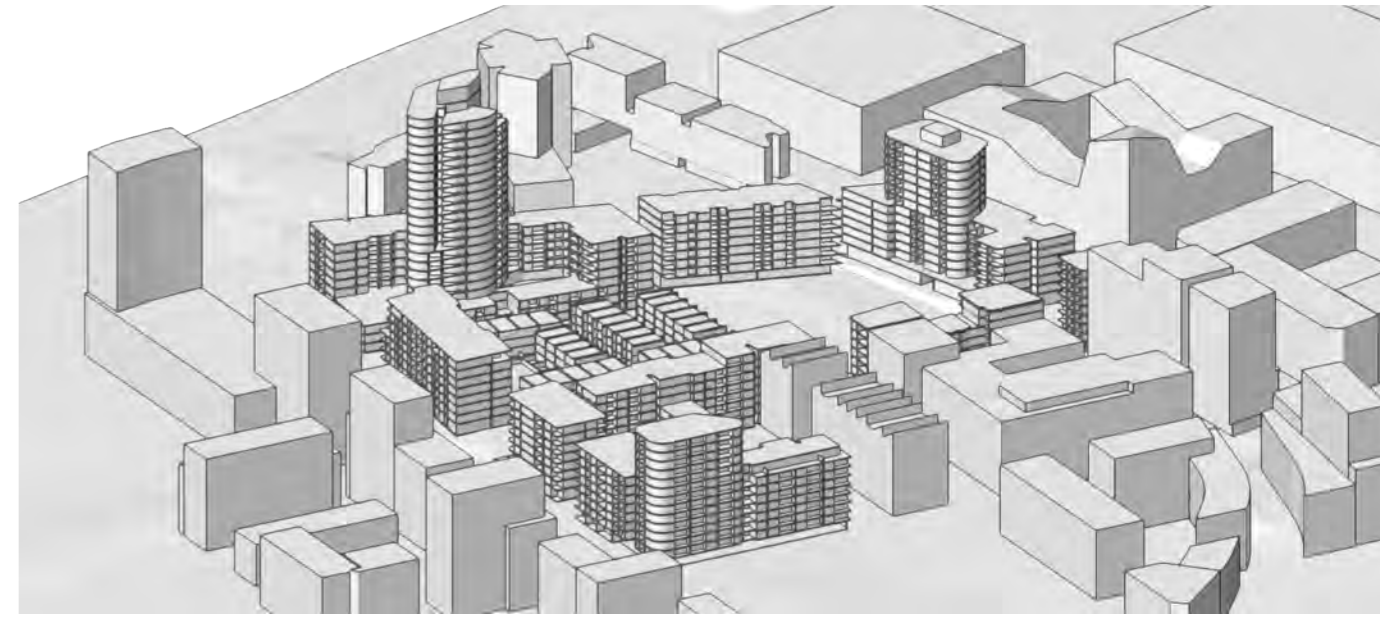
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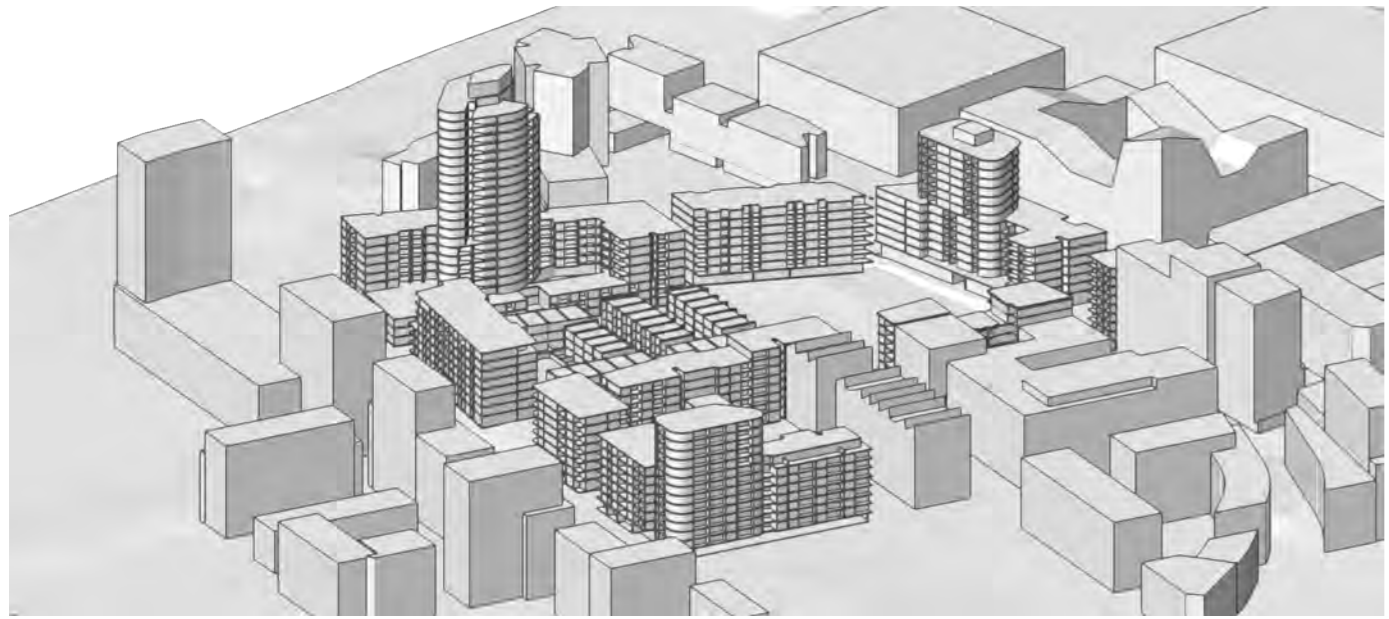
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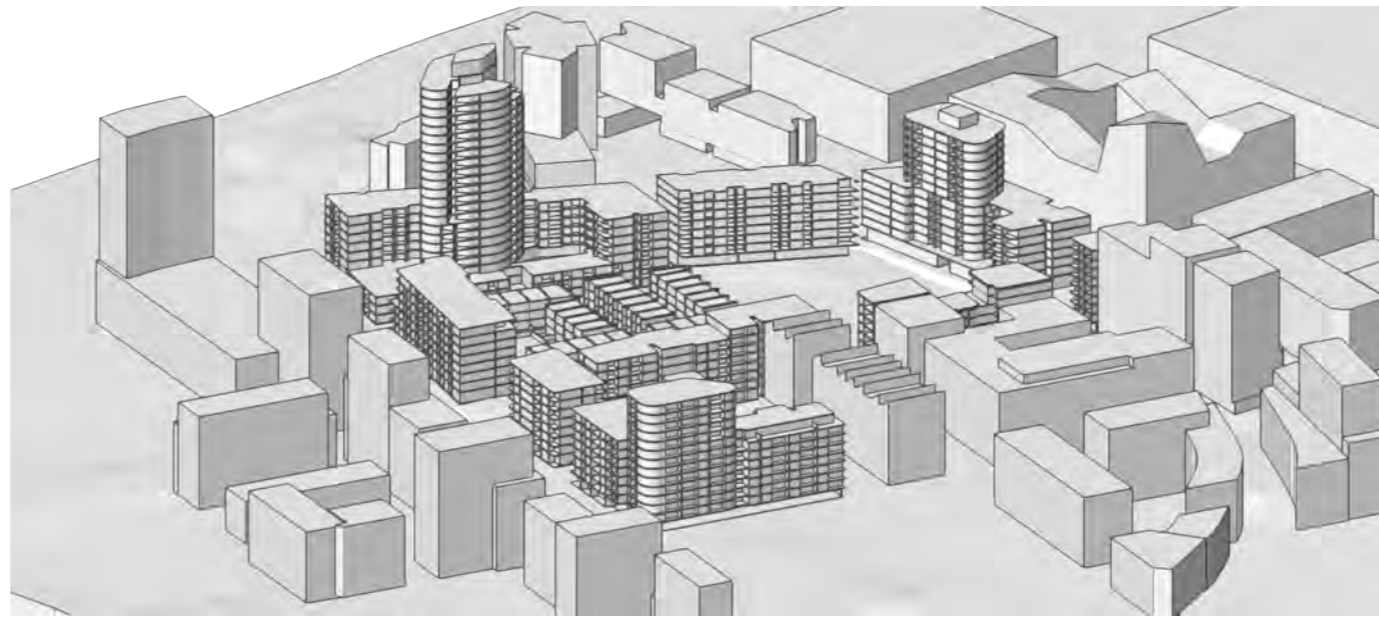
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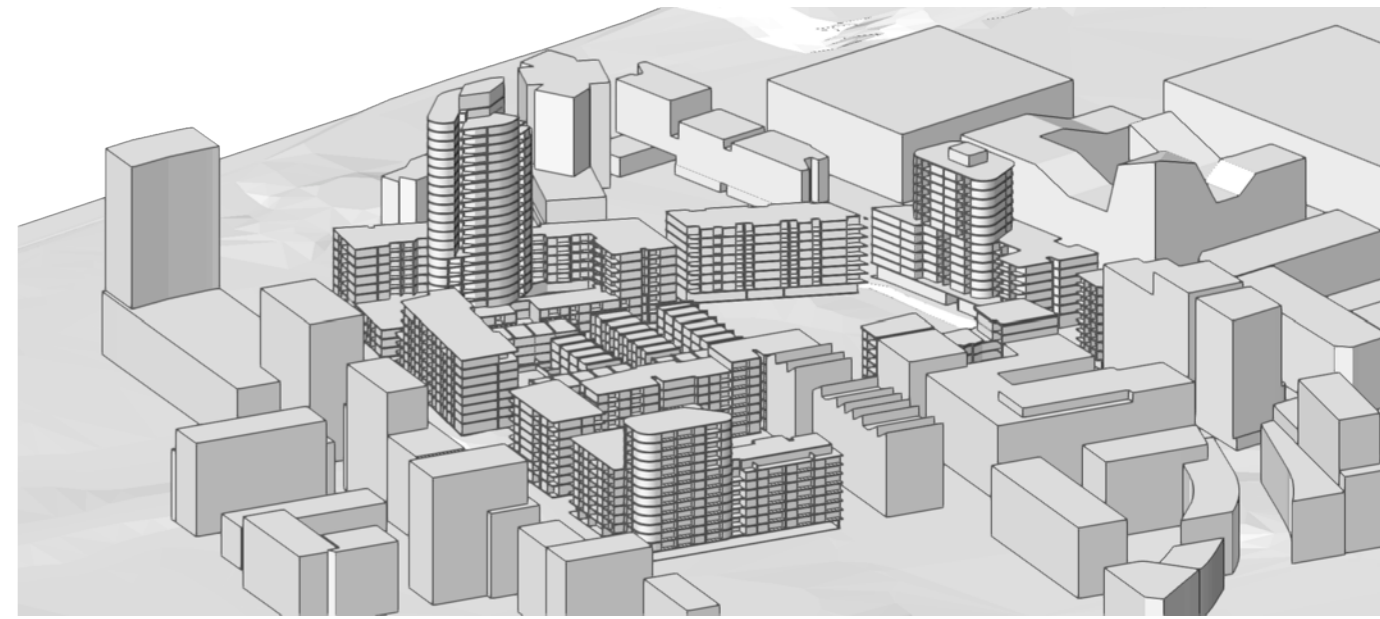
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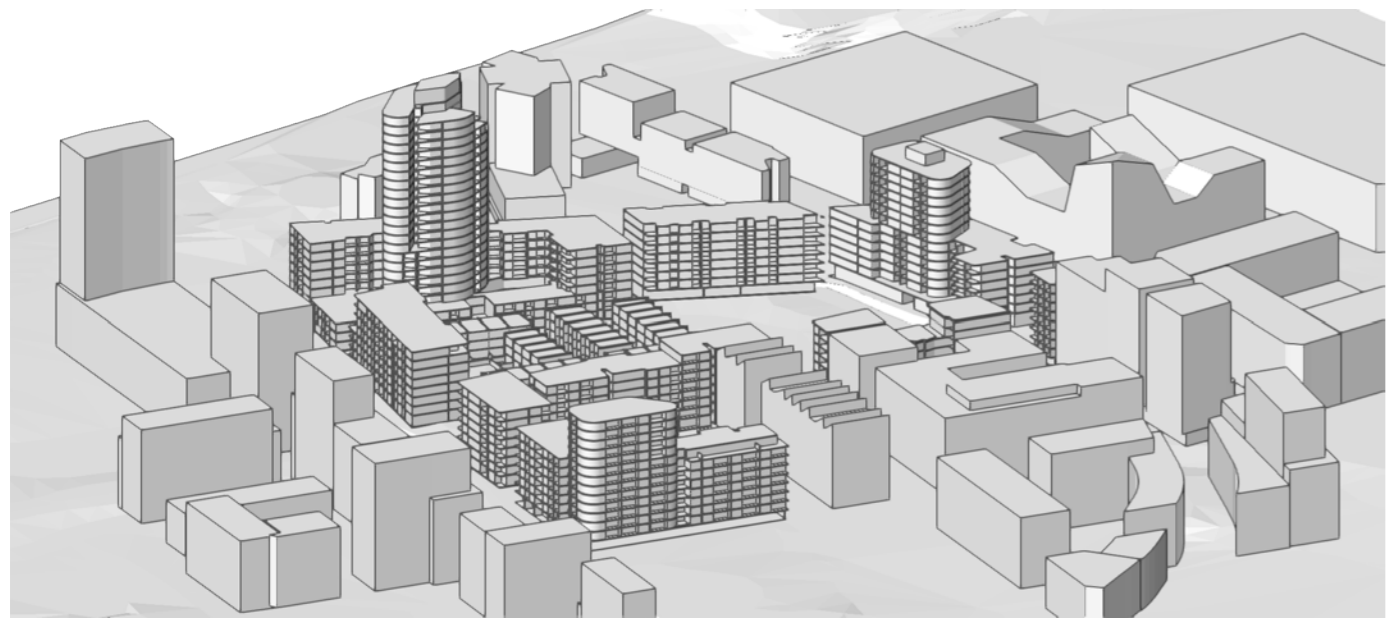
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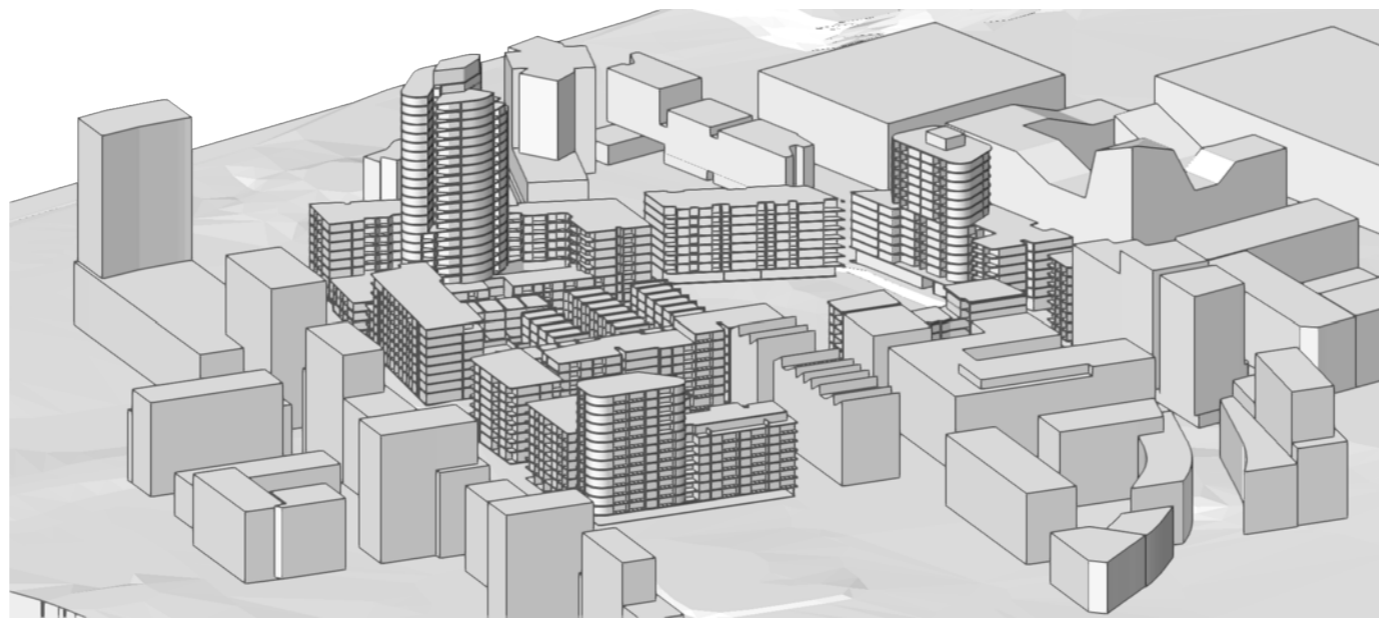
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21/6 1440



21/6 1445

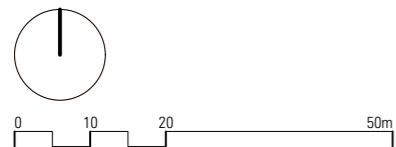


21/6 1450



21/6 1455

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SUITE 108  
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PROJECT DETAILS  
SUTTON SITE  
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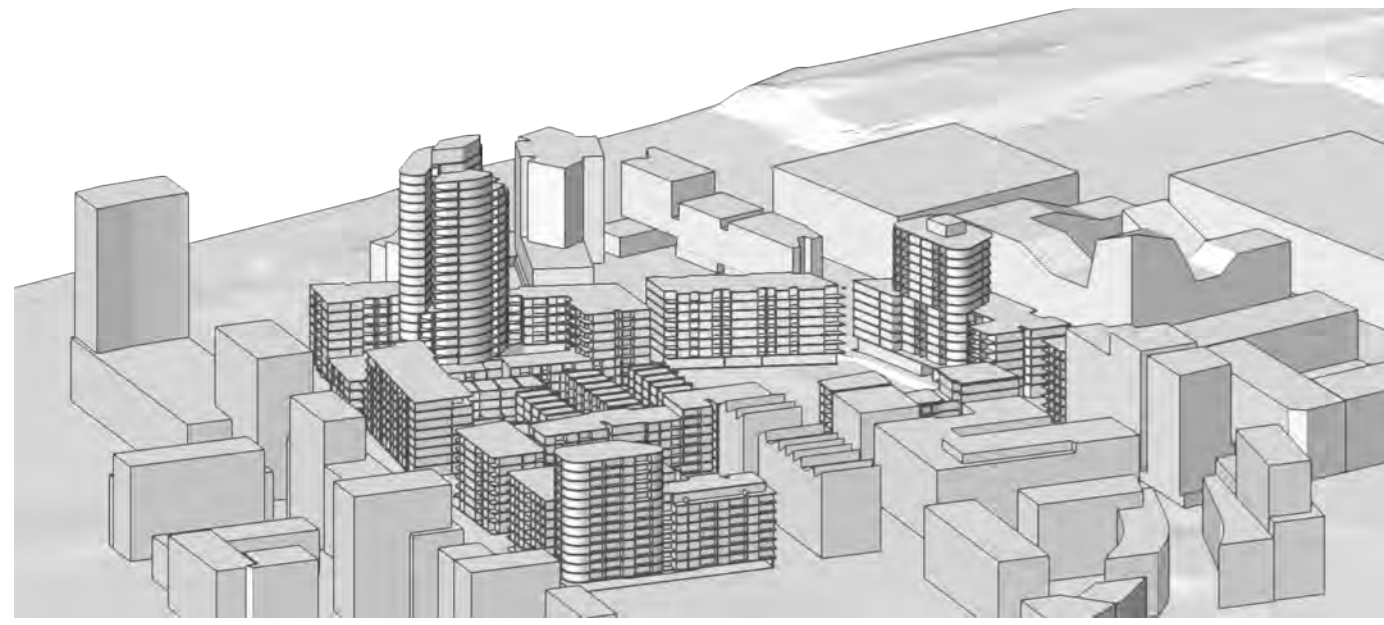
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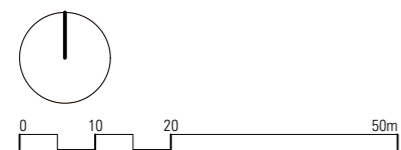




21/6 1500

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VIEWS FROM SUN 1500  
2129 A 80006 A



SUITE 108  
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STUDIO 5 LEVEL 1 BAILEYS ARCADE  
131-157 LONDON CIRCUIT  
CANBERRA CITY 2601

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PROJECT DETAILS  
SUTTON SITE  
ZETLAND  
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LEGEND

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11/7/2022  
2129\_3D\_SOLAR STUDIES.vwx

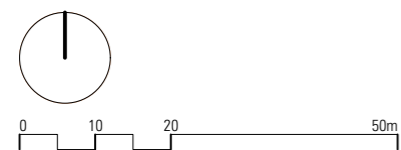




LEP HOB Envelopes  
21/6 0900



Proposed Envelopes  
21/6 0900



PROJECT DETAILS  
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ZETLAND  
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LEGEND

REVISIONS  
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SHADOW DIAGRAM WINTER 0900  
2129 A 80500 A

STATUS  
REFERENCE DESIGN  
DATE  
11/7/2022  
2129\_3D\_SOLAR STUDIES.vwx



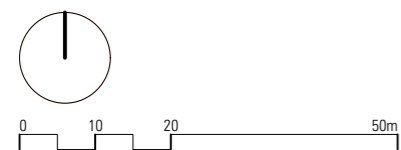


LEP HOB Envelopes  
21/6 1000



Proposed Envelopes  
21/6 1000

# SHADOW DIAGRAM WINTER 1000 2129 A 80501 A



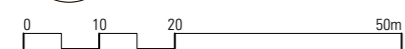
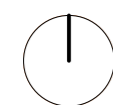




LEP HOB Envelopes  
21/6 1100



Proposed Envelopes  
21/6 1100



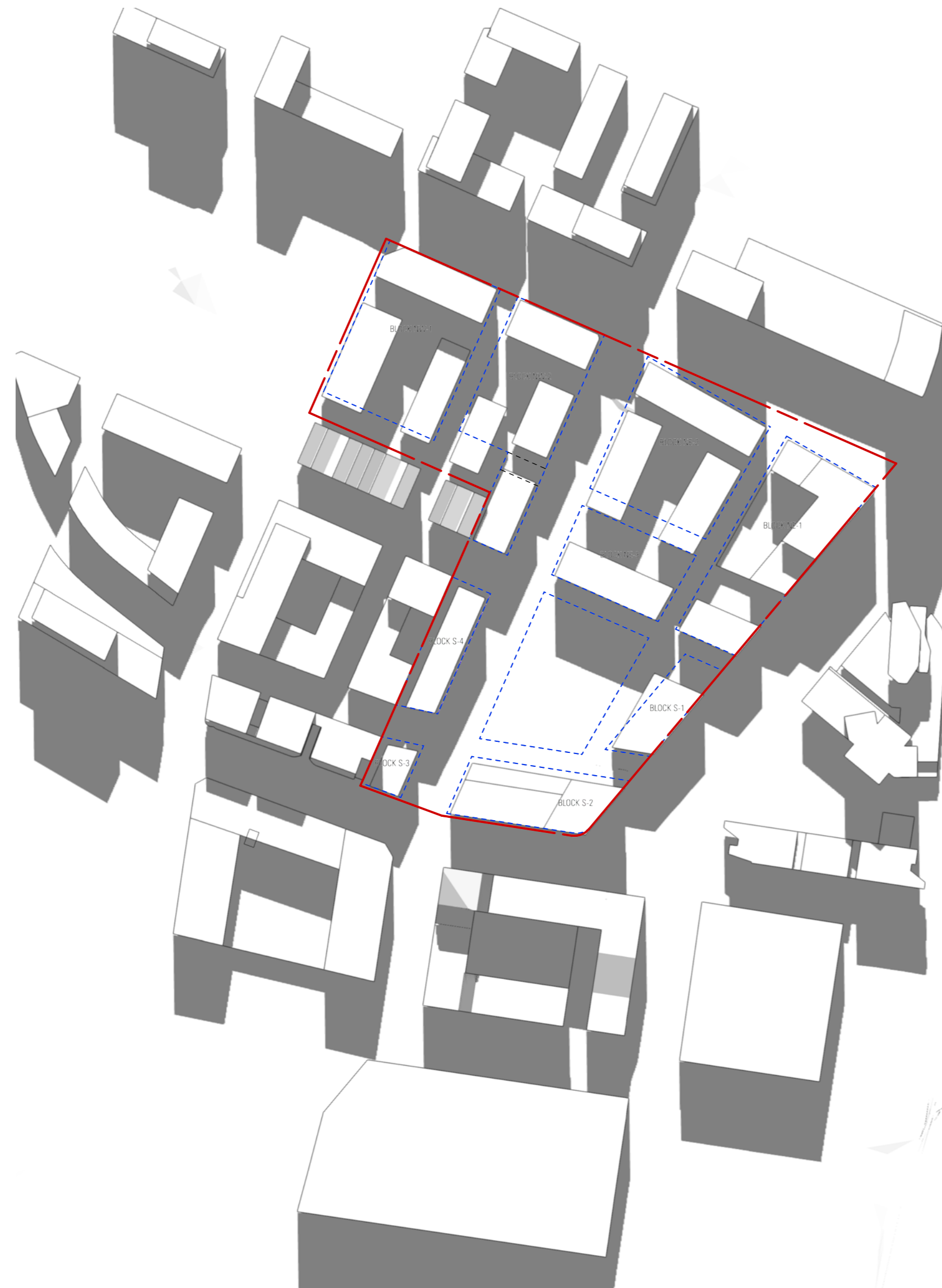
PROJECT DETAILS  
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LEGEND





LEP HOB Envelopes  
21/6 1200

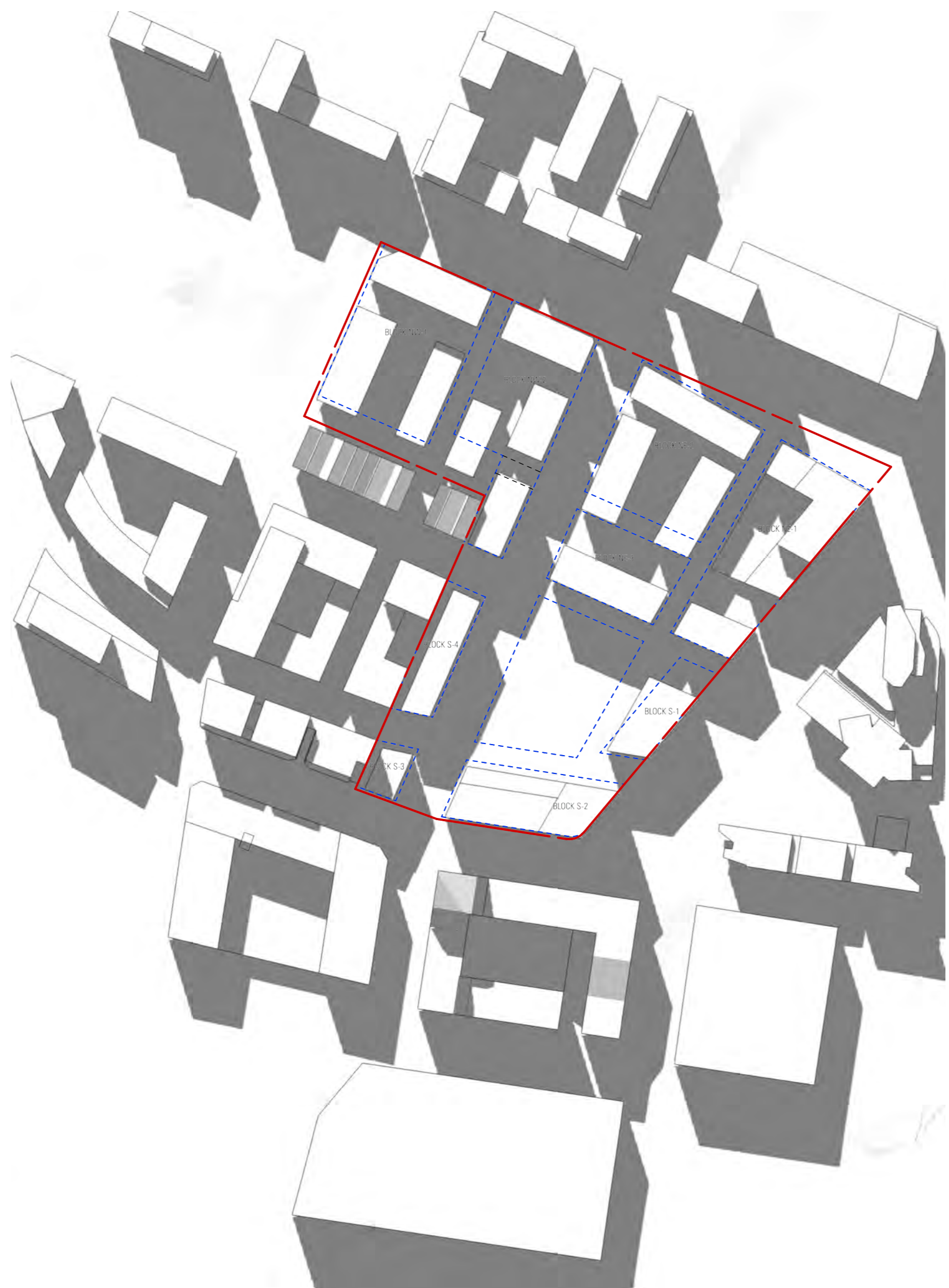


Proposed Envelopes  
21/6 1200

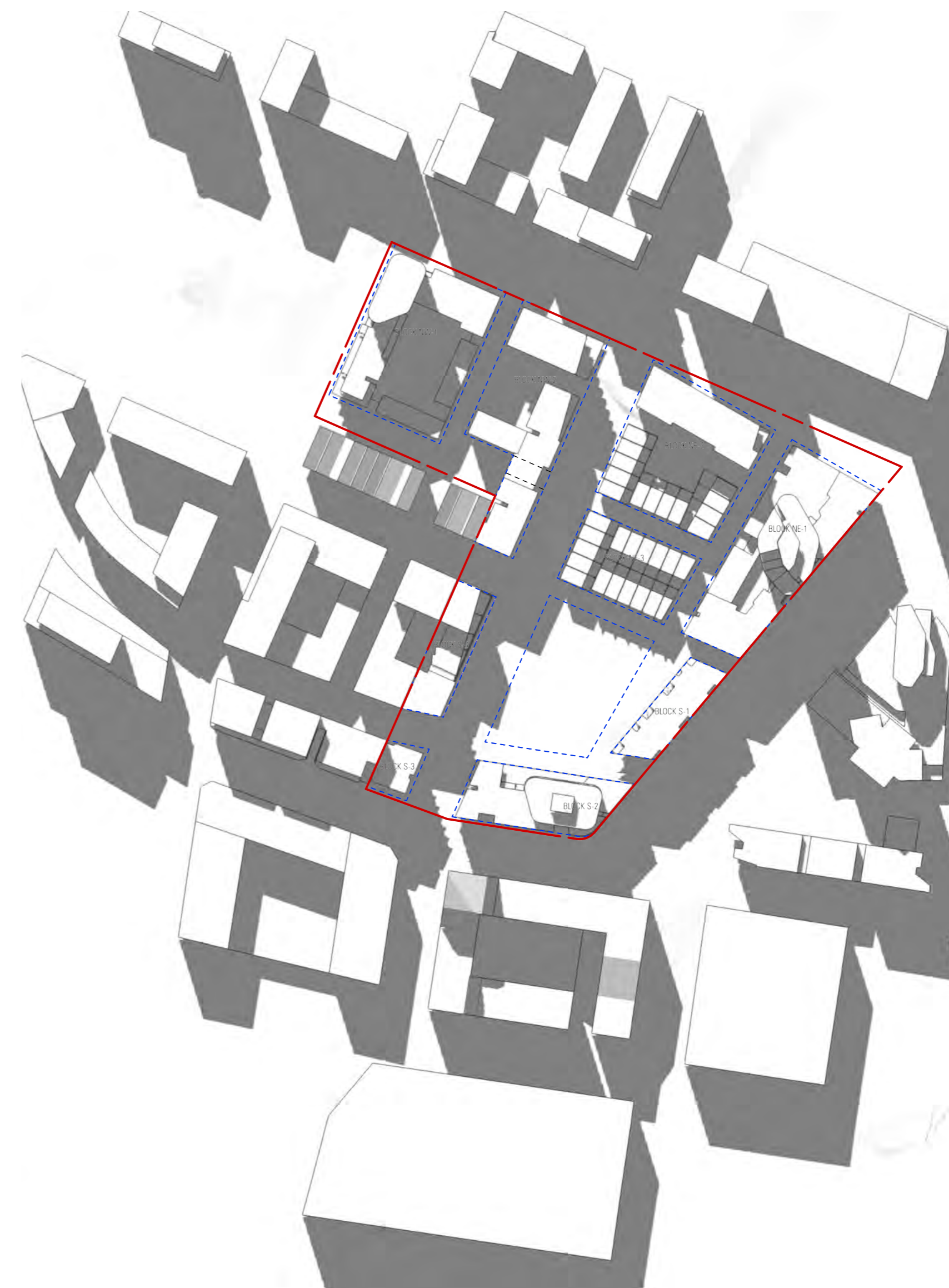
# SHADOW DIAGRAM WINTER 1200 2129 A 80503 A



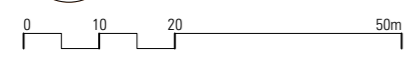
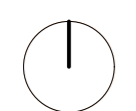




LEP HOB Envelopes  
21/6 1300



Proposed Envelopes  
21/6 1300



PROJECT DETAILS  
SUTTON SITE  
ZETLAND  
BY  
MERITON

NOTES  
all dimensions in millimetres unless otherwise noted  
check all dimensions on site prior to construction  
work to figured dimensions. do not scale off drawings

to be read in conjunction with the complete documentation package including, but not limited to, all consultant drawings, specifications, reports and consent conditions  
report all discrepancies to the project manager

LEGEND

SUITE 108  
59 MARLBOROUGH ST  
SURRY HILLS NSW 2010  
ARCH. REG. NO. 8886[NSW] 19020[VIC]  
WWW.MAKOARCHITECTURE.COM.AU

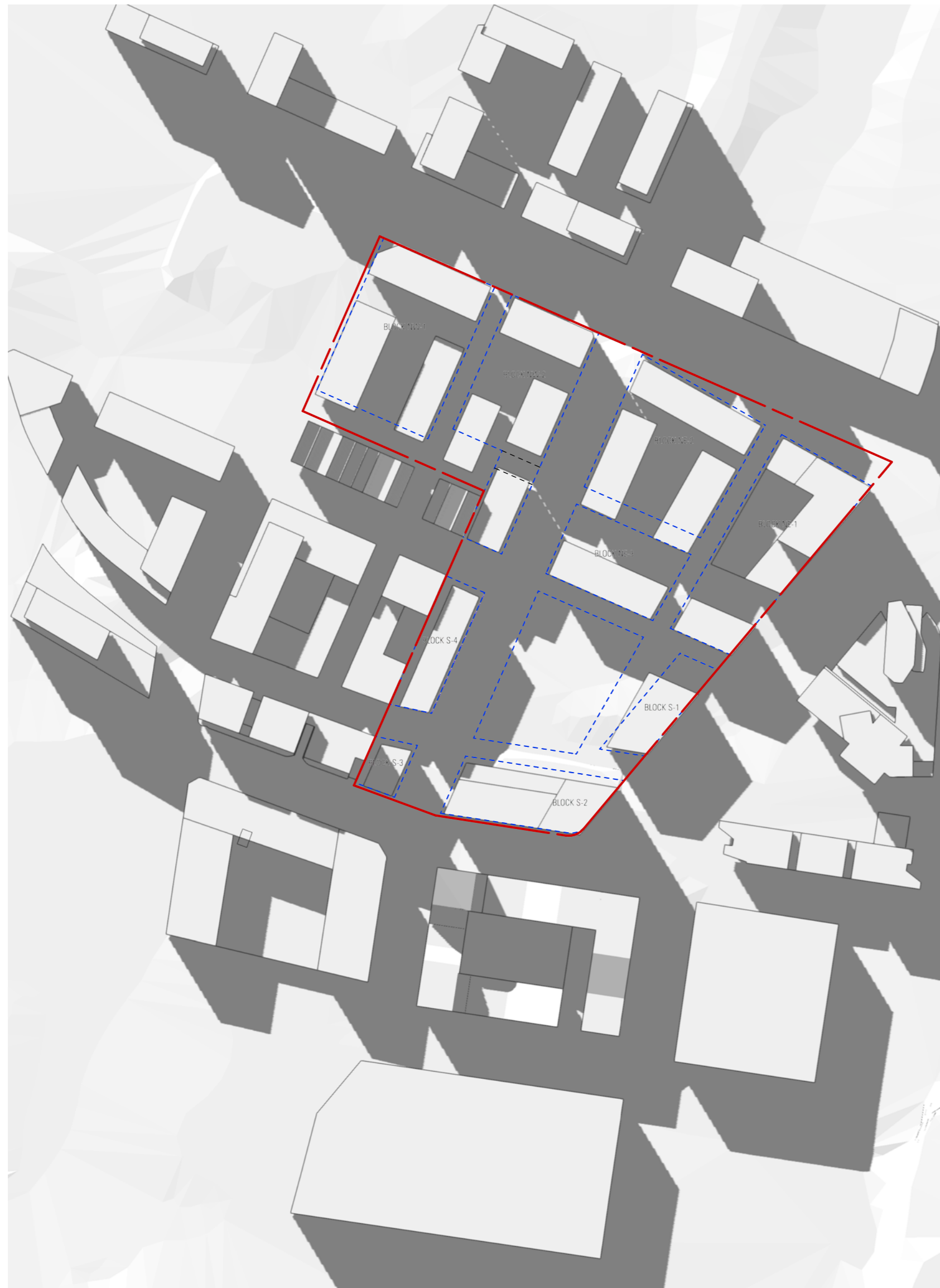
STUDIO 5 LEVEL 1 BAILEYS ARCADE  
131-157 LONDON CIRCUIT  
CANBERRA CITY 2601  
2569[ACT]

REVISIONS  
A 11/7/2022 SUBMISSION 01

SHADOW DIAGRAM WINTER 1300  
2129 A 80504 A

STATUS  
REFERENCE DESIGN  
DATE  
11/7/2022  
2129\_3D\_SOLAR STUDIES.vwx



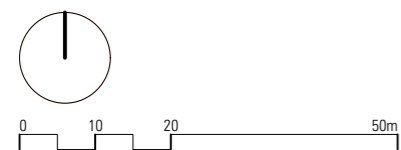


LEP HOB Envelopes  
21/6 1400



Proposed Envelopes  
21/6 1400

# SHADOW DIAGRAM WINTER 1400 2129 A 80505 A





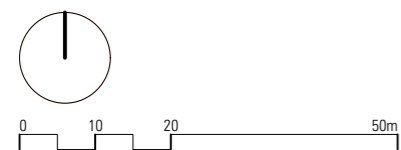


LEP HOB Envelopes  
21/6 1500



Proposed Envelopes  
21/6 1500

# SHADOW DIAGRAM WINTER 1500 2129 A 80506 A





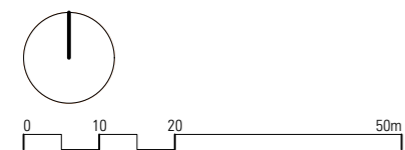


LEP HOB Envelopes  
21/12 0900



Proposed Envelopes  
21/12 0900

# SHADOW DIAGRAM SUMMER 0900 2129 A 80507 A







LEP HOB Envelopes  
21/12 1000



Proposed Envelopes  
21/12 1000

# SHADOW DIAGRAM SUMMER 1000 2129 A 80508 A







LEP HOB Envelopes  
21/12 1100



Proposed Envelopes  
21/12 1100

# SHADOW DIAGRAM SUMMER 1100 2129 A 80509 A







LEP HOB Envelopes  
21/12 1200

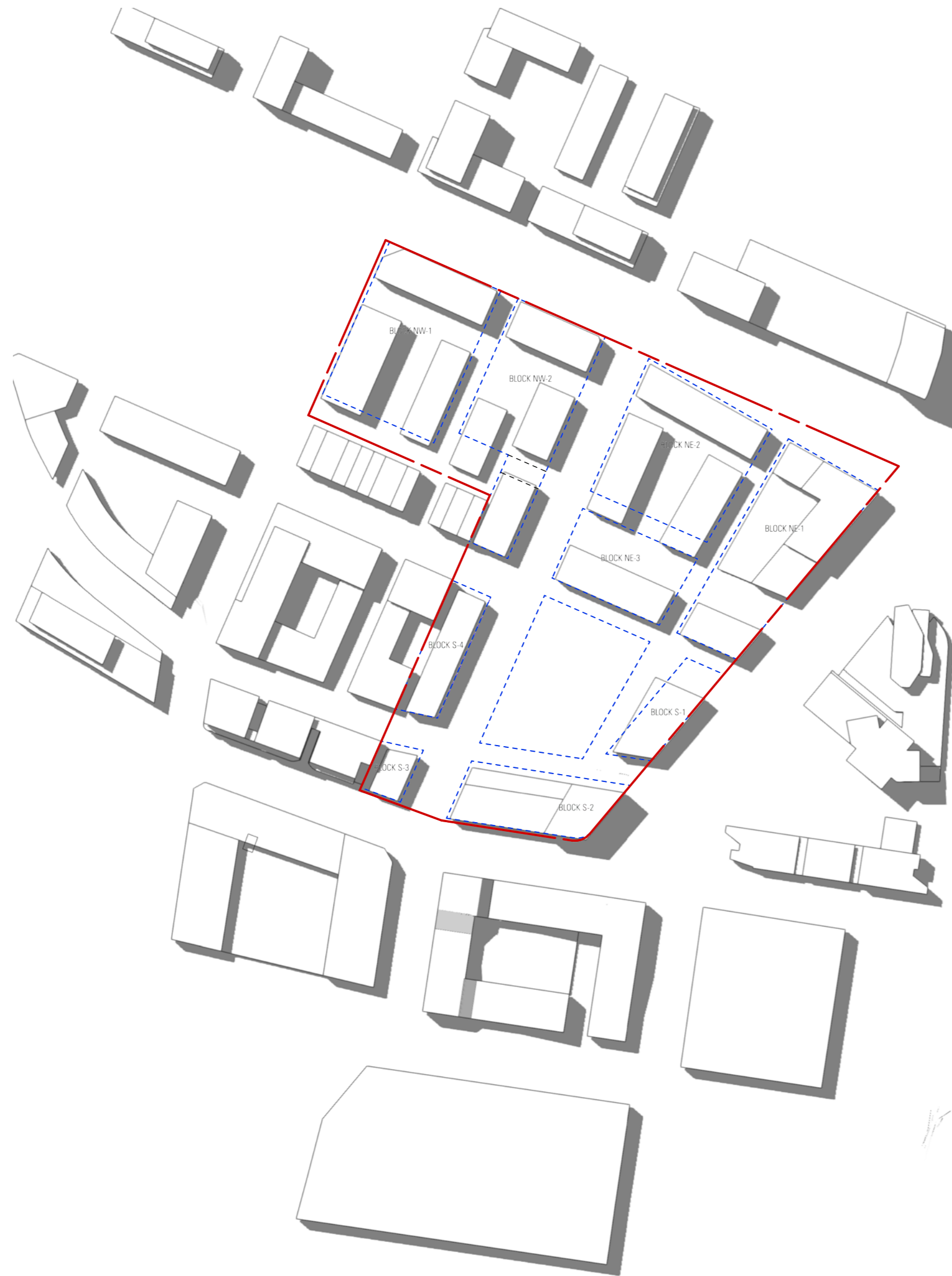


Proposed Envelopes  
21/12 1200

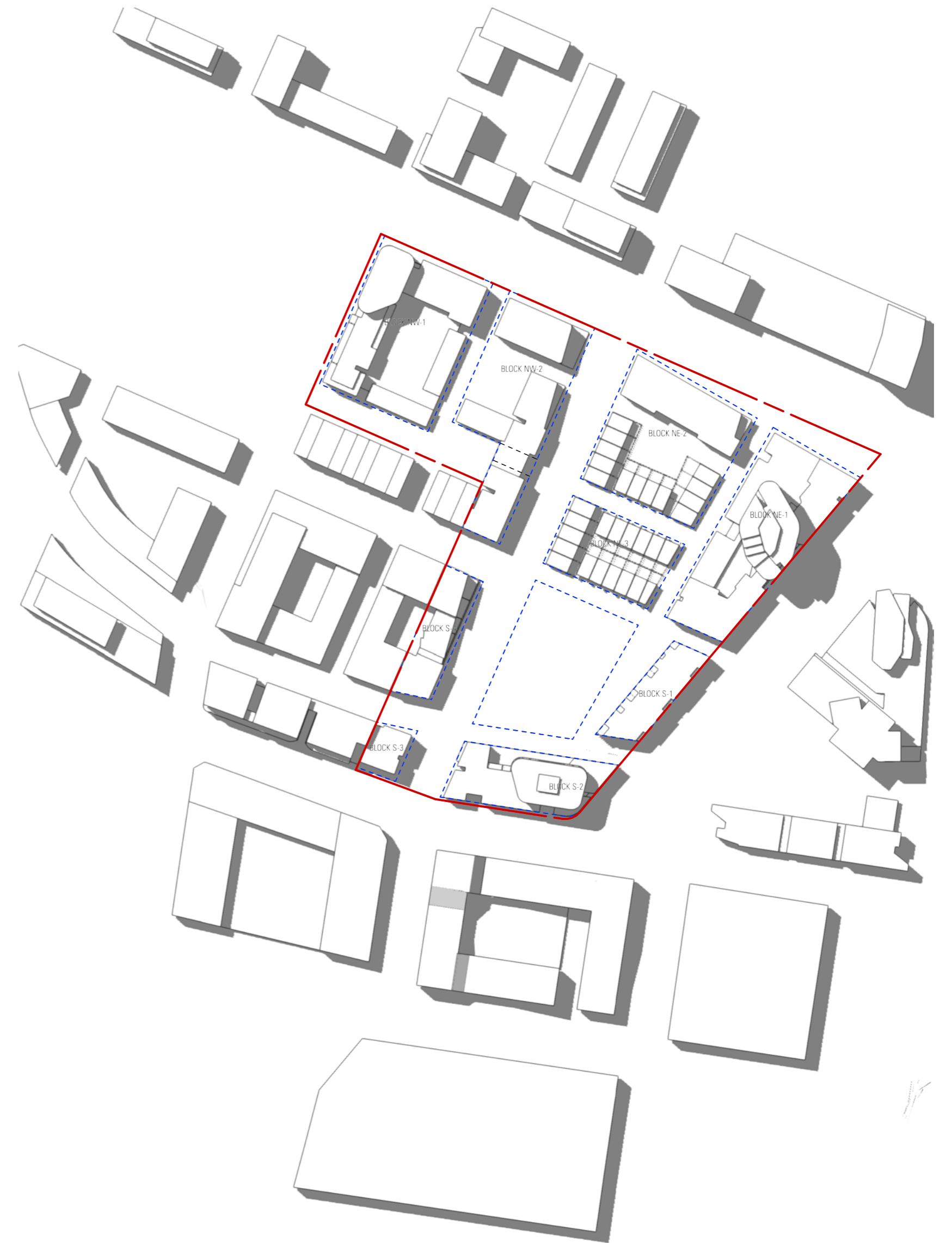
# SHADOW DIAGRAM SUMMER 1200 2129A 80510 A





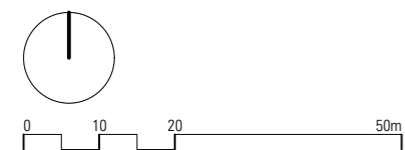


LEP HOB Envelopes  
21/12 1300



Proposed Envelopes  
21/12 1300

SHADOW DIAGRAM SUMMER 1300  
2129A 80511 A





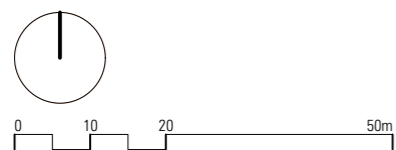


LEP HOB Envelopes  
21/12 1400

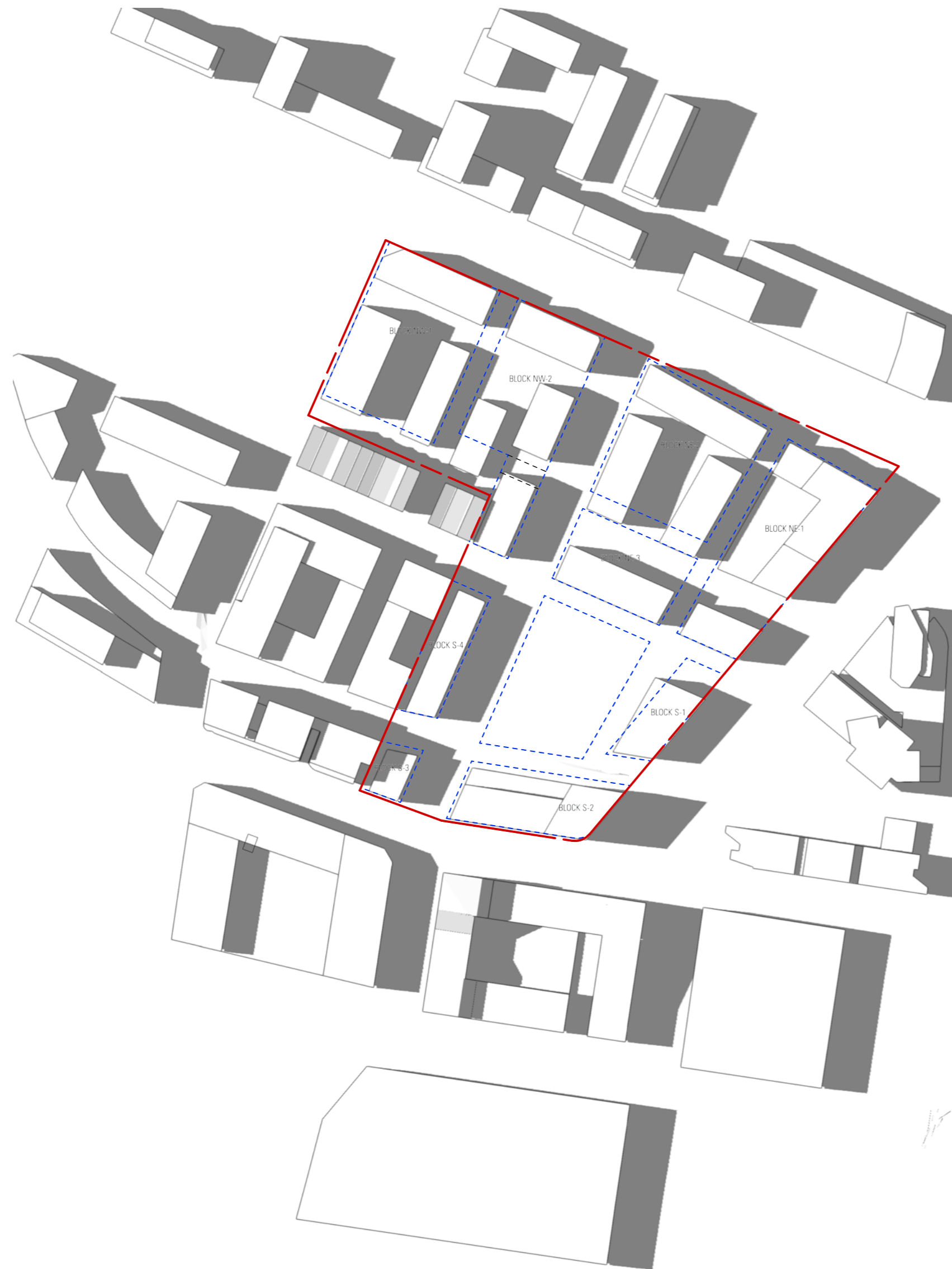


Proposed Envelopes  
21/12 1400

# SHADOW DIAGRAM SUMMER 1400 2129A 80512 A







LEP HOB Envelopes  
21/12 1500



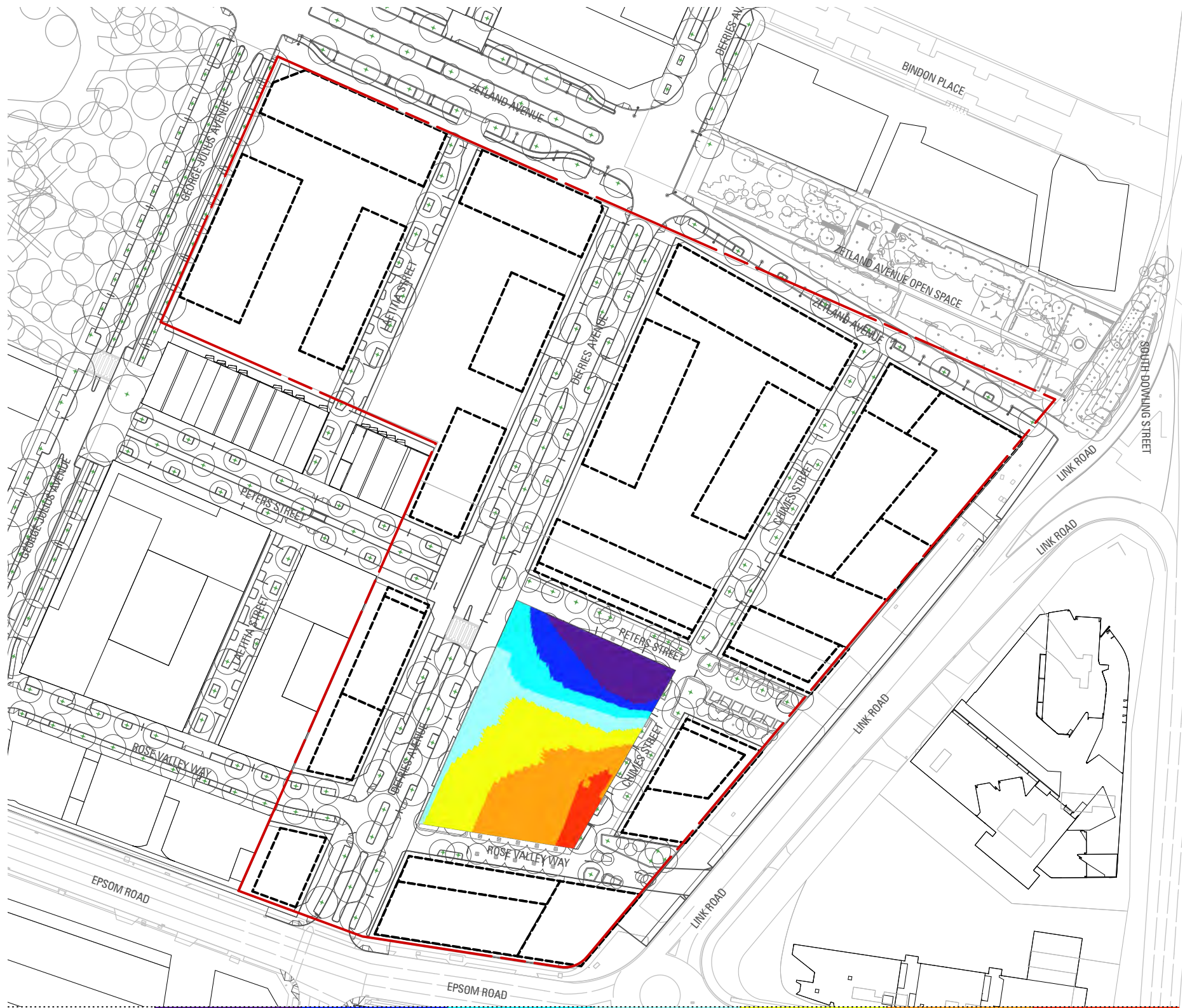
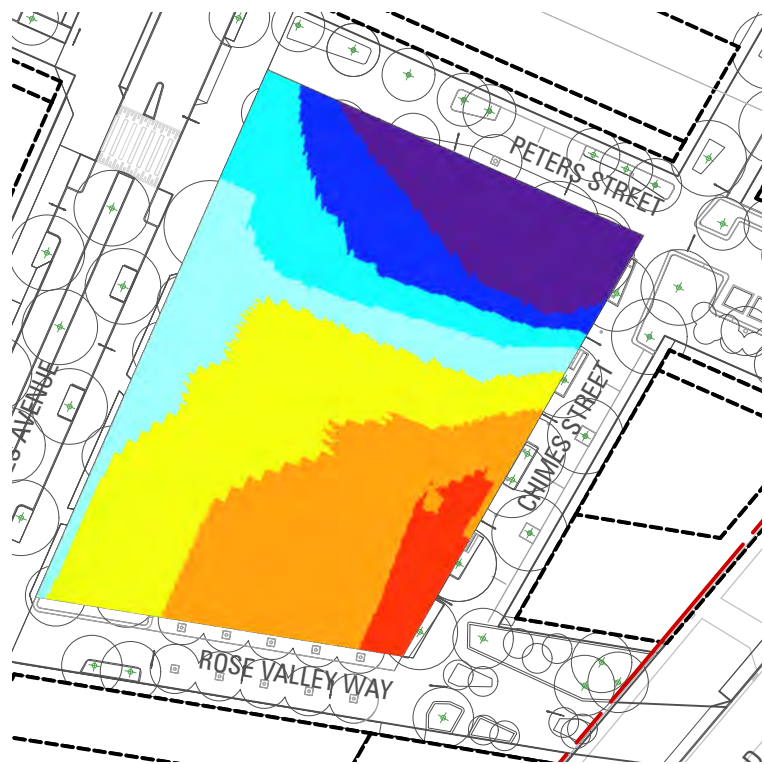
Proposed Envelopes  
21/12 1500

# SHADOW DIAGRAM SUMMER 1500 2129A 80513 A





0900-1500h  
 5 min time steps  
 North at -1.0 degrees to MGA  
 100mm sensor grid



Area sqm	0 hours	1 hour	2 hours	3 hours	4 hours	5 hours	6 hours
3547.19	439.92	308.9	378.41	513.86	938.27	795.83	172
	12.40%	8.71%	10.67%	14.49%	26.45%	22.44%	4.85%

53.74%

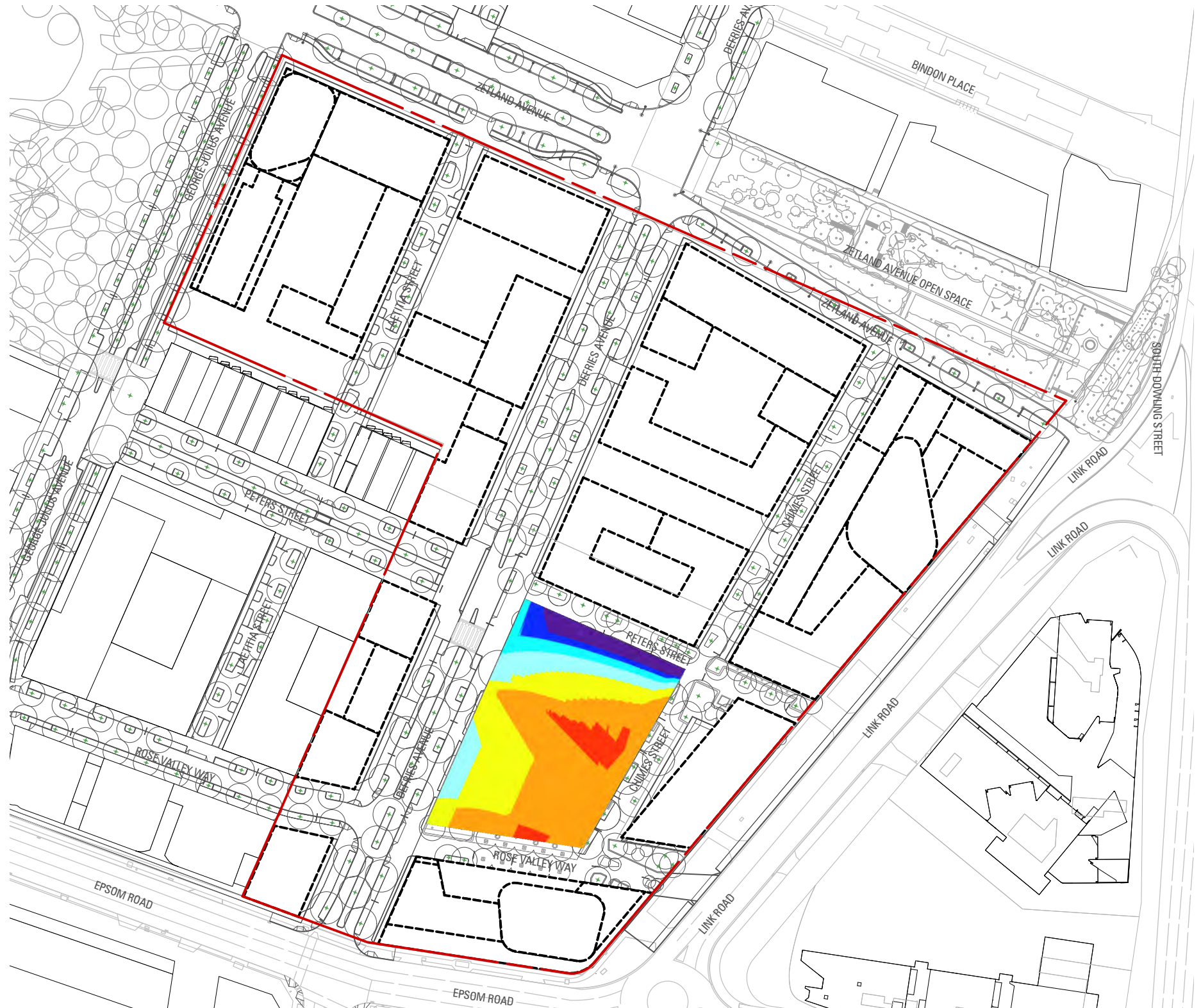
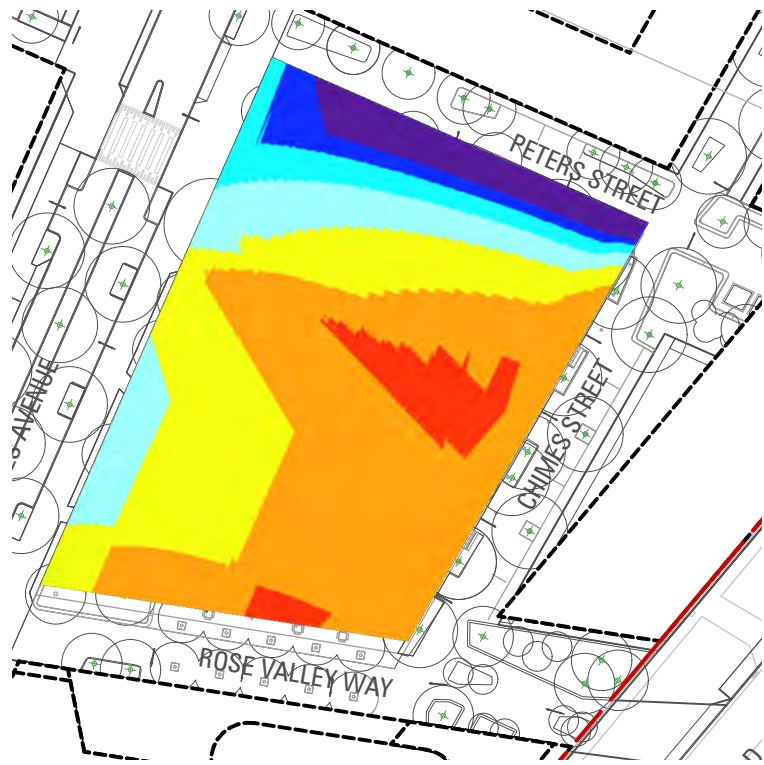
1,906 sqm of 3,547 sqm

78.89%

2,798 sqm of 3,547 sqm



0900-1500h  
 5 min time steps  
 North at -1.0 degrees to MGA  
 100mm sensor grid



Area sqm	0 hours	1 hour	2 hours	3 hours	4 hours	5 hours	6 hours
3541.89	211.99	140.48	195.97	414.04	908.6	1452.9	217.91
	5.99%	3.97%	5.53%	11.69%	25.65%	41.02%	6.15%

72.83%

2,579 sqm of 3,542 sqm

90.05%

3,189 sqm of 3,542 sqm