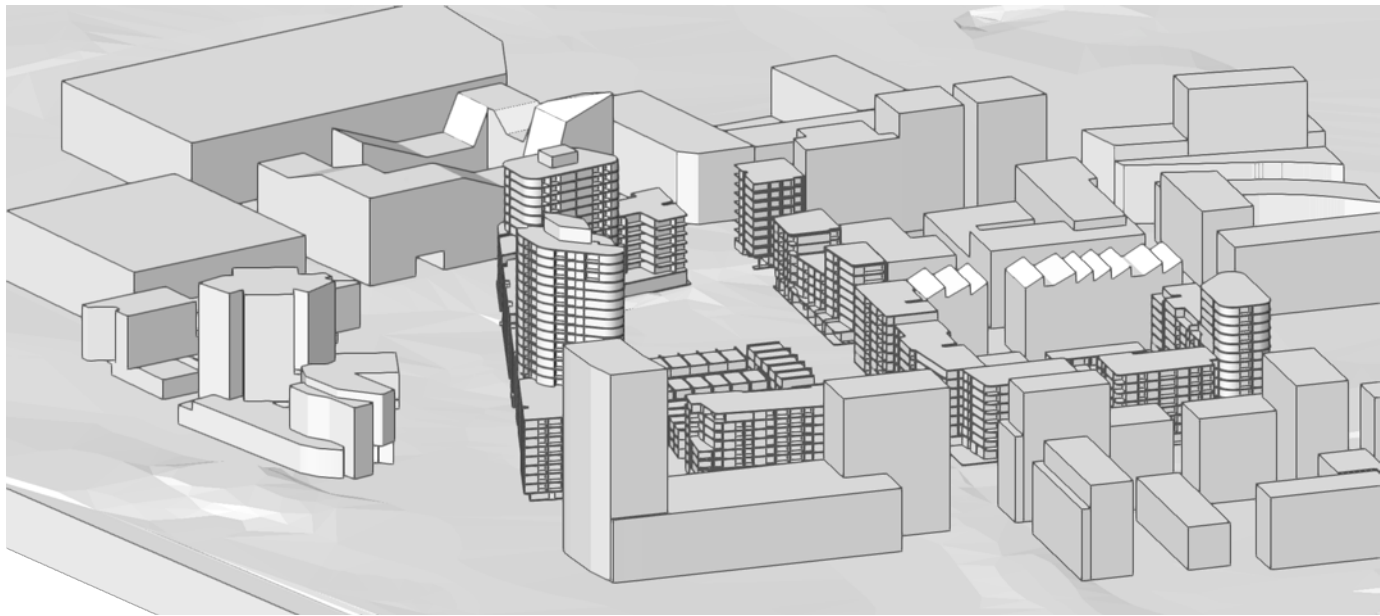


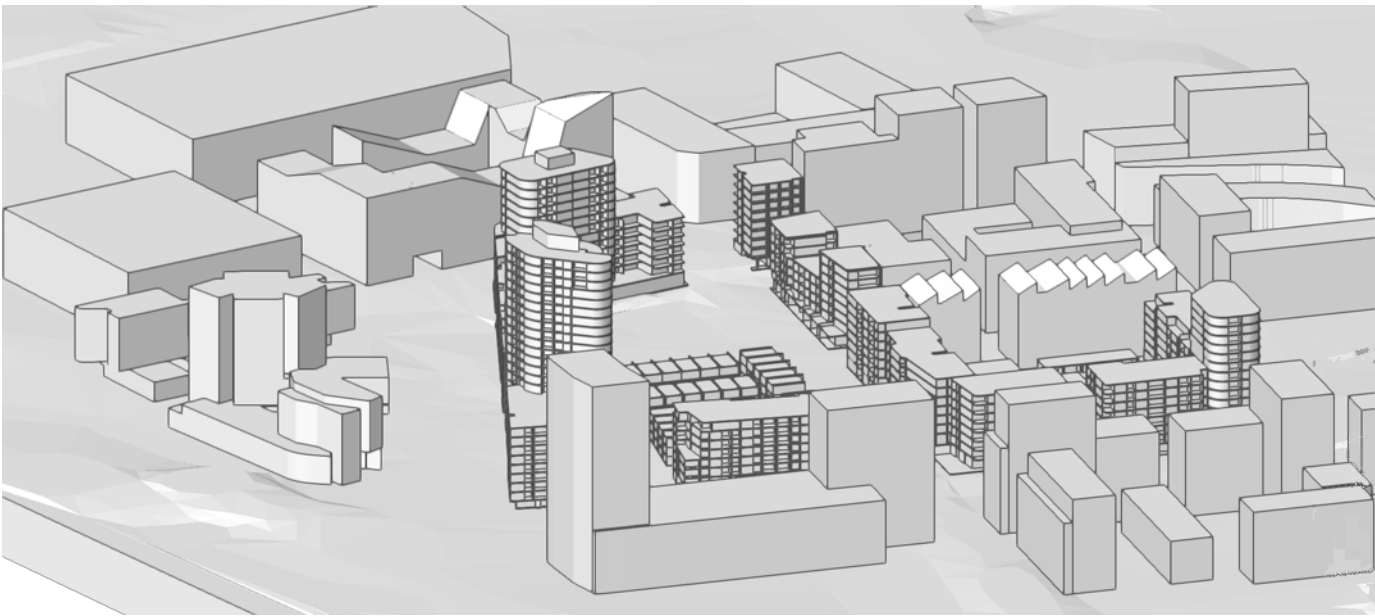
Attachment A6

Solar Studies

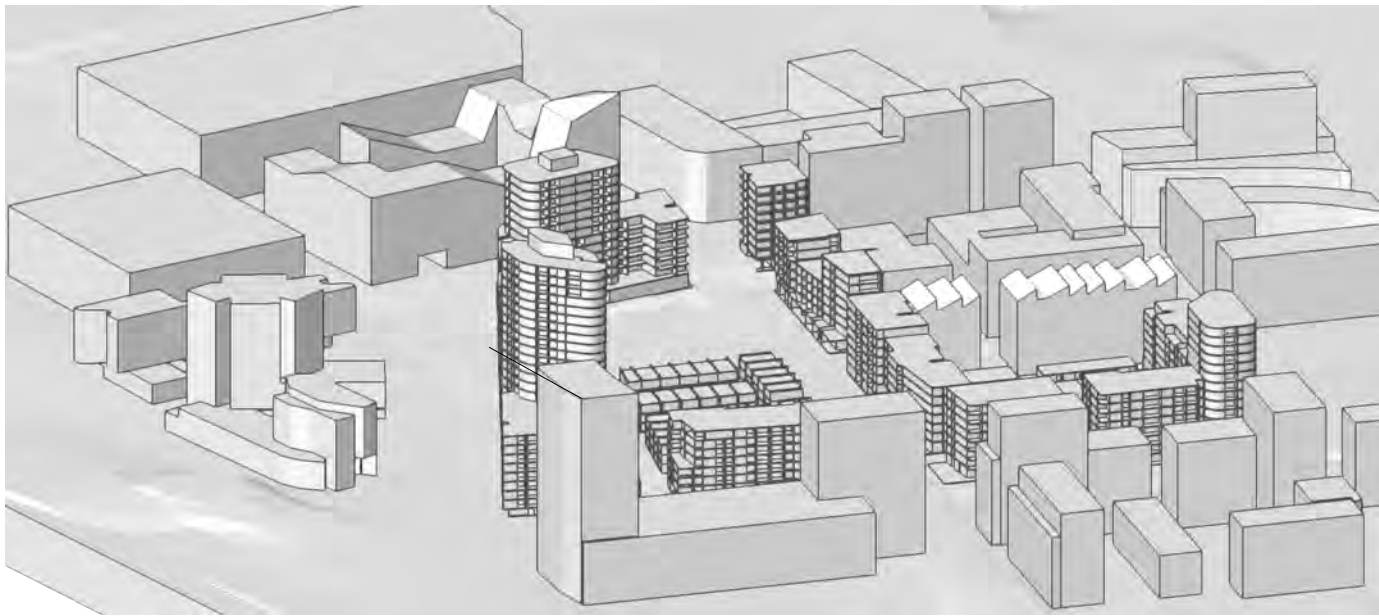
EXHIBITION NOTE: THIS SOLAR ANALYSIS REFLECTS THE BUILT FORM PUT FORWARD IN THE PLANNING PROPOSAL REQUEST, WHICH DIFFERS IN HEIGHT TO THAT SHOWN IN THE DRAFT PLANNING PROPOSAL



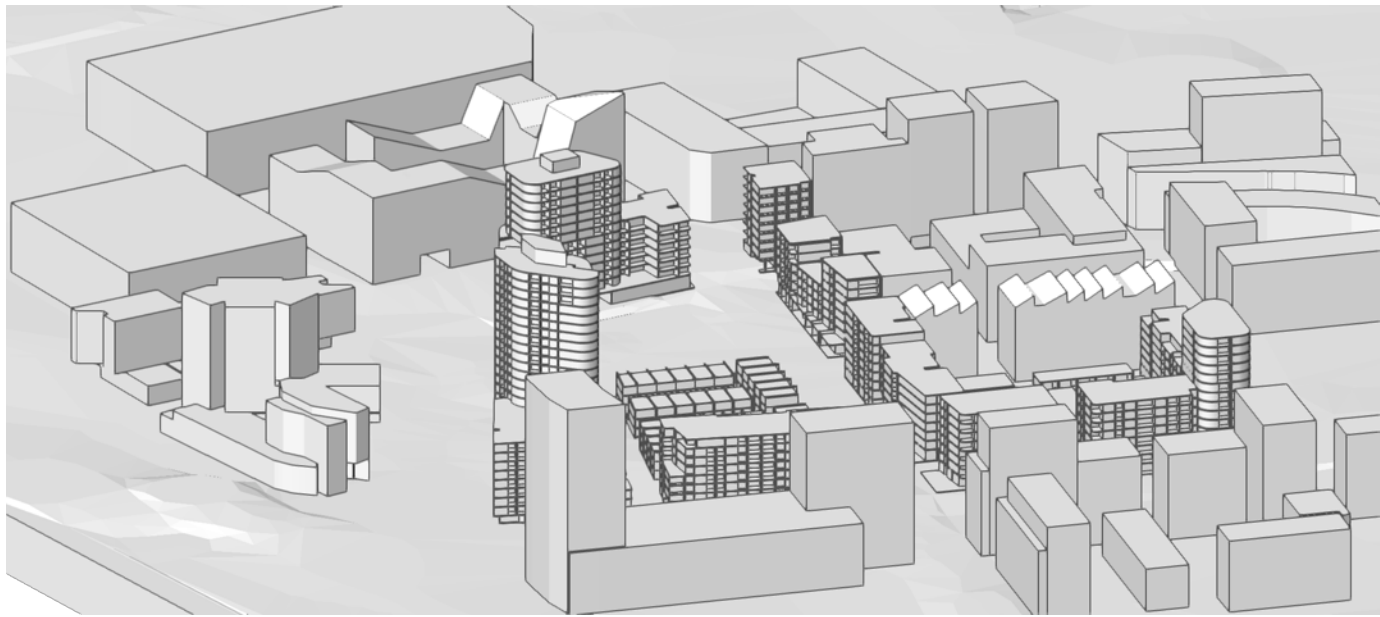
21/6 0900



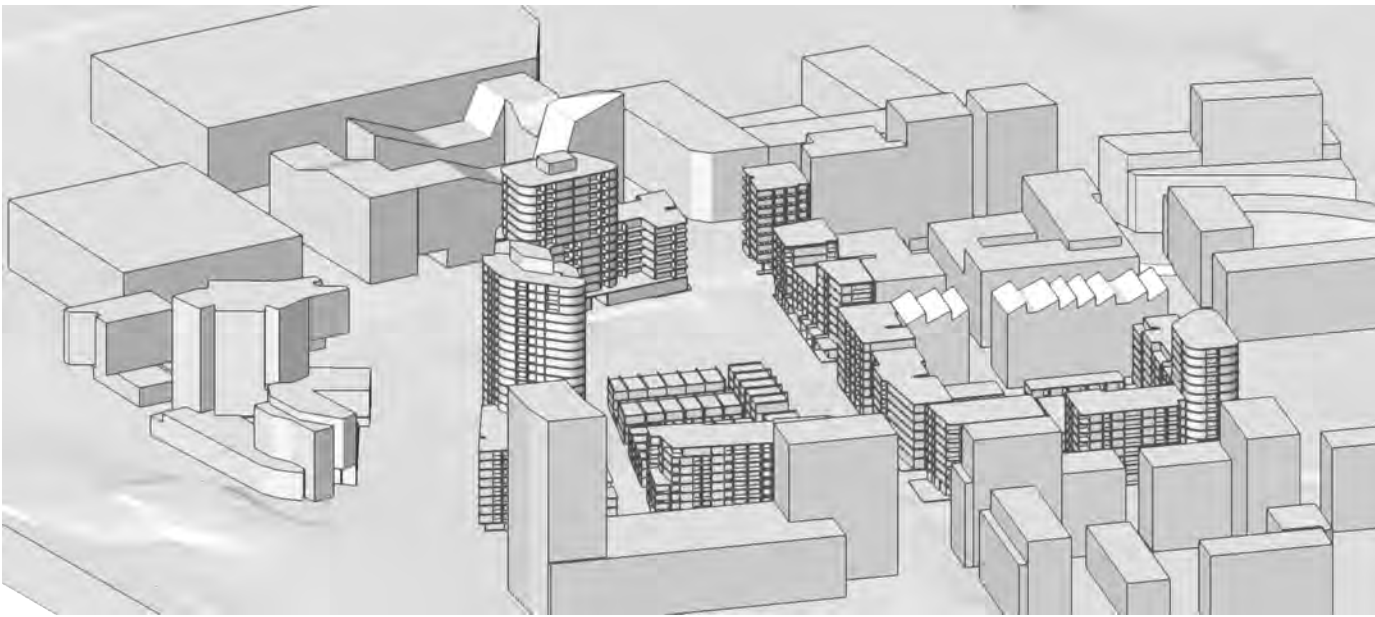
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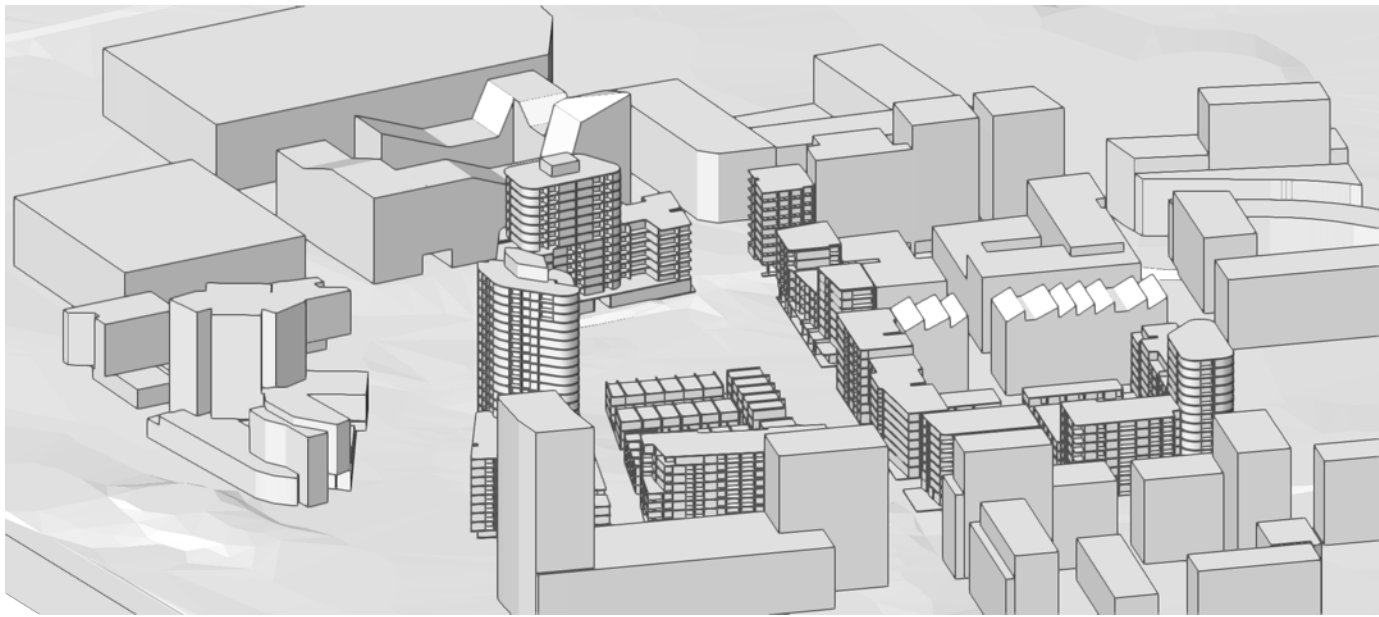
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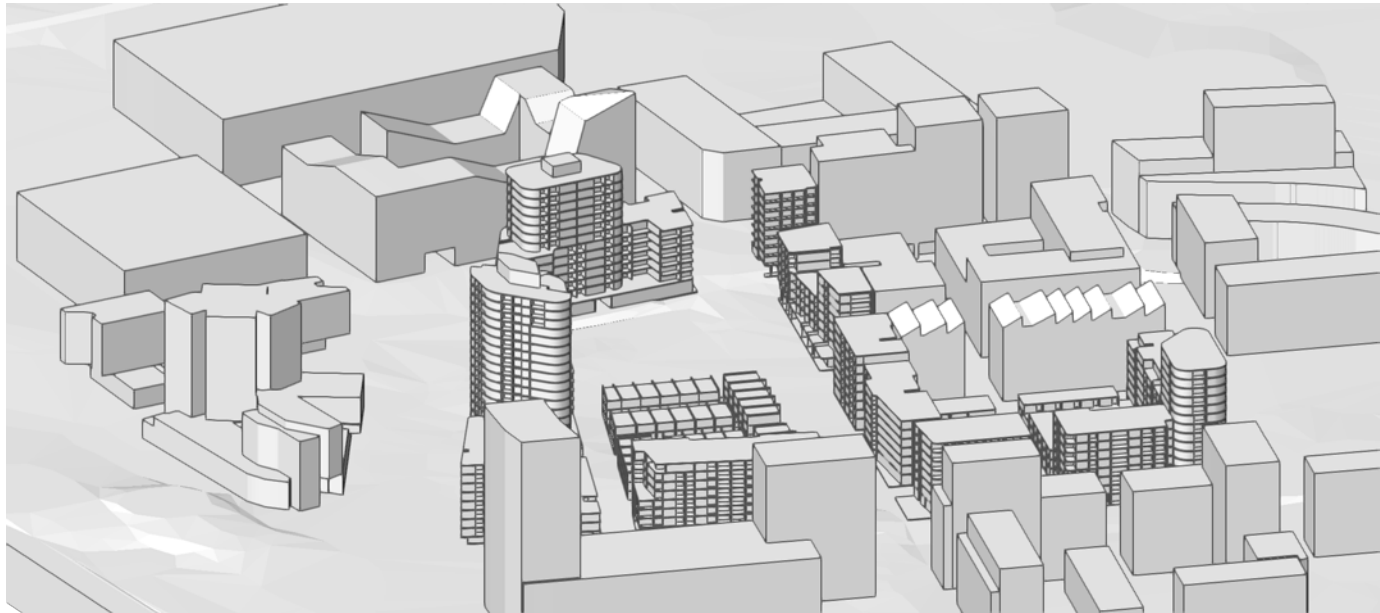
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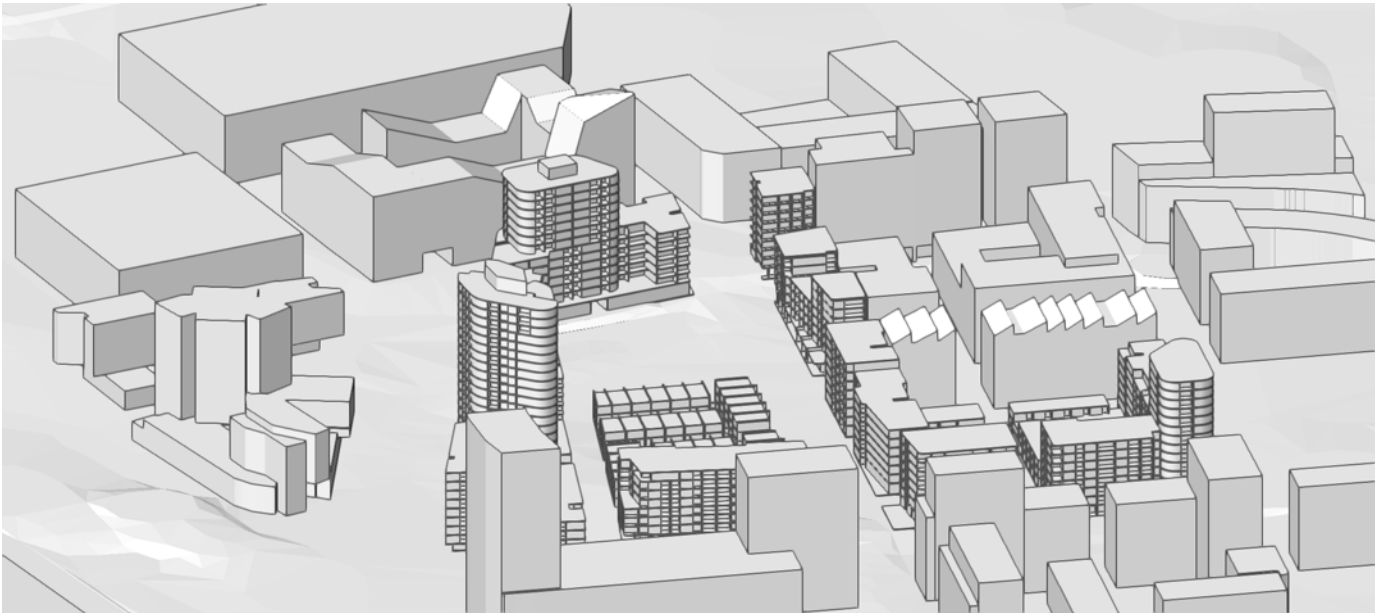
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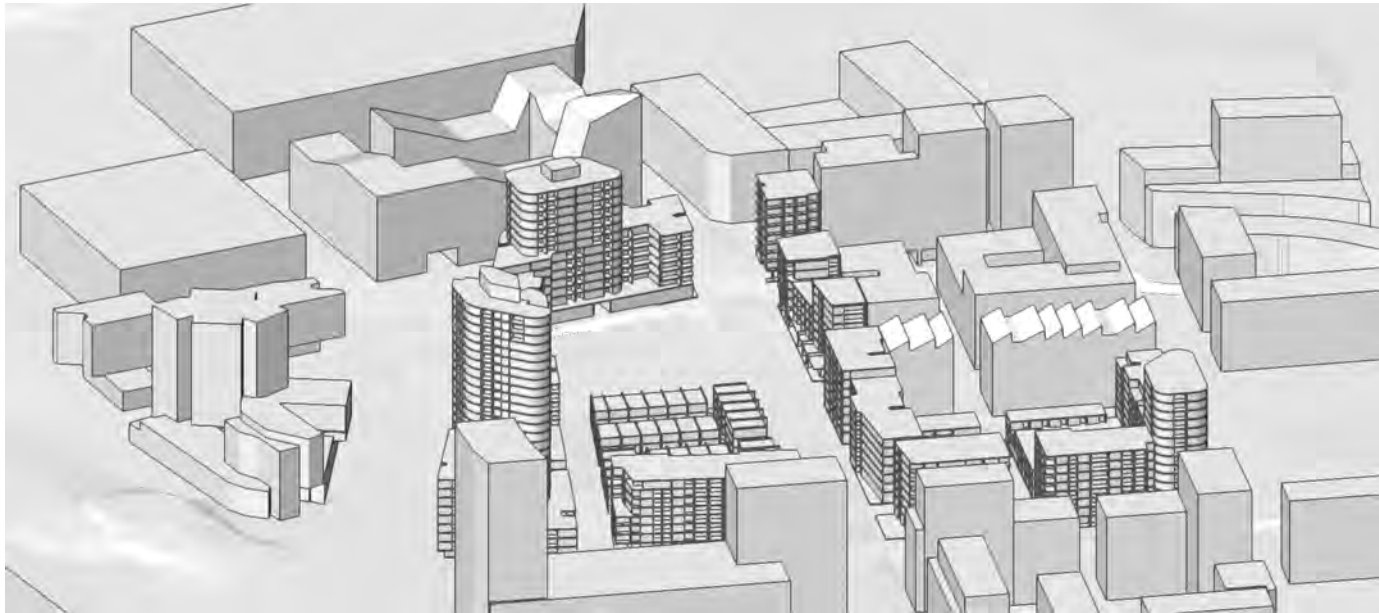
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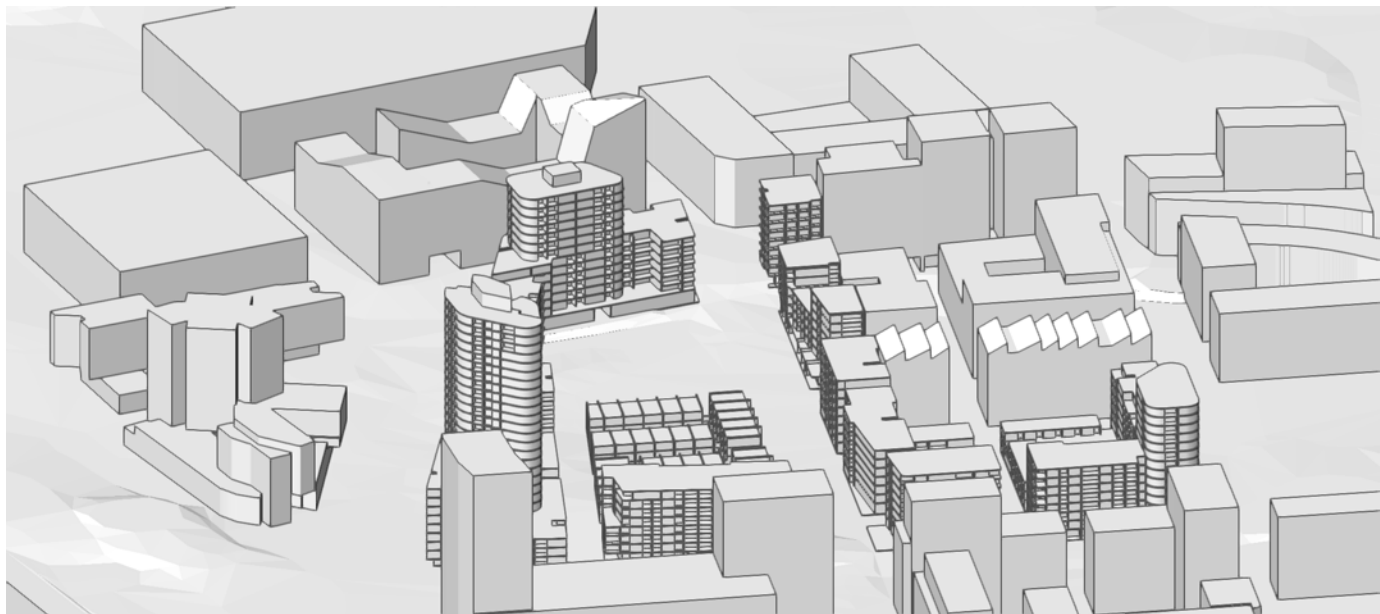
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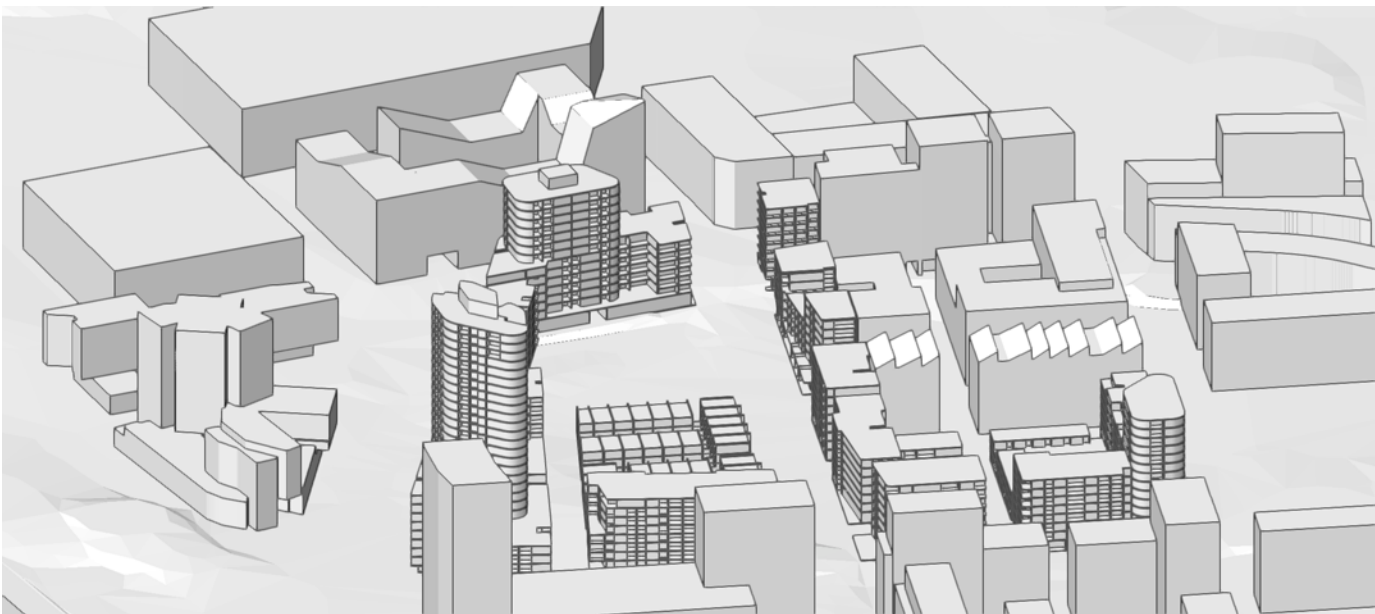
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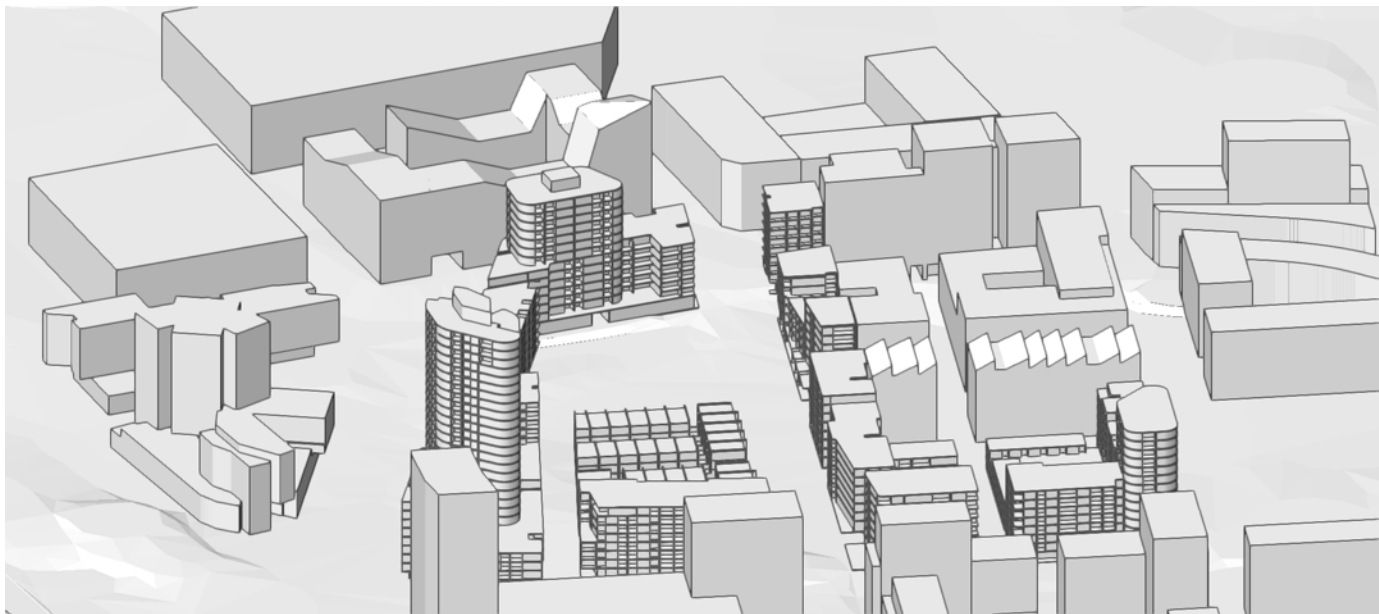
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21/6 0945



21/6 0950



21/6 0955

VIEWS FROM SUN 0900-0955

2129A 80000 A

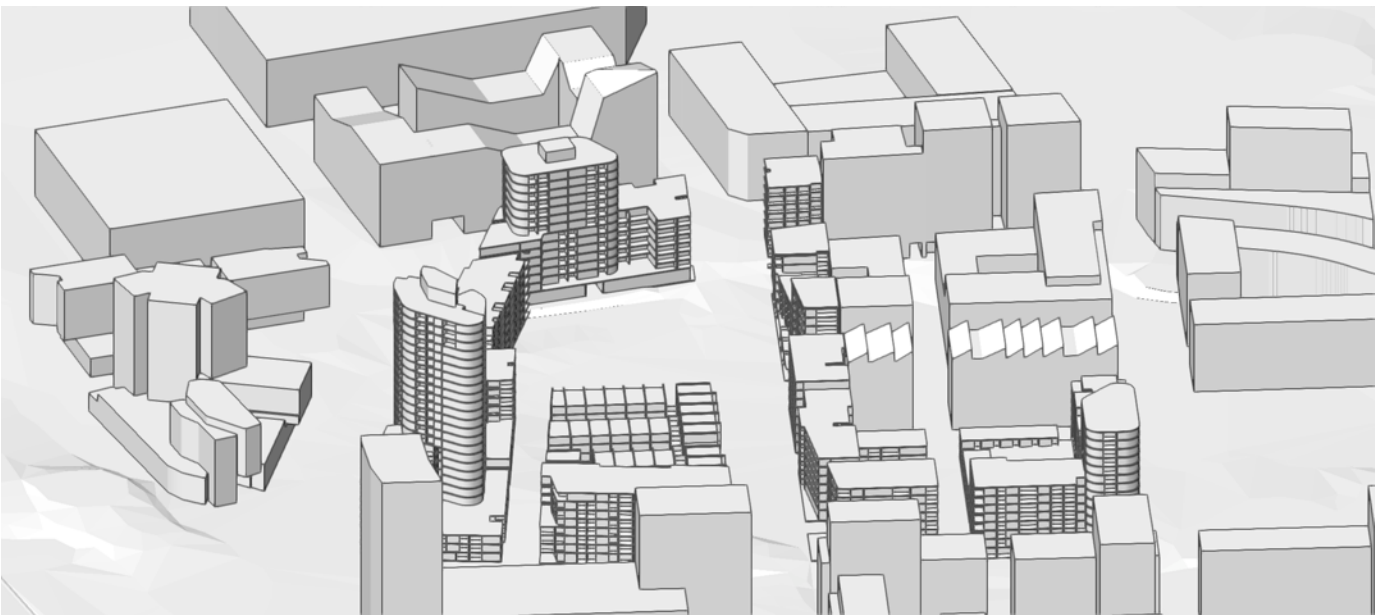
LEGEND



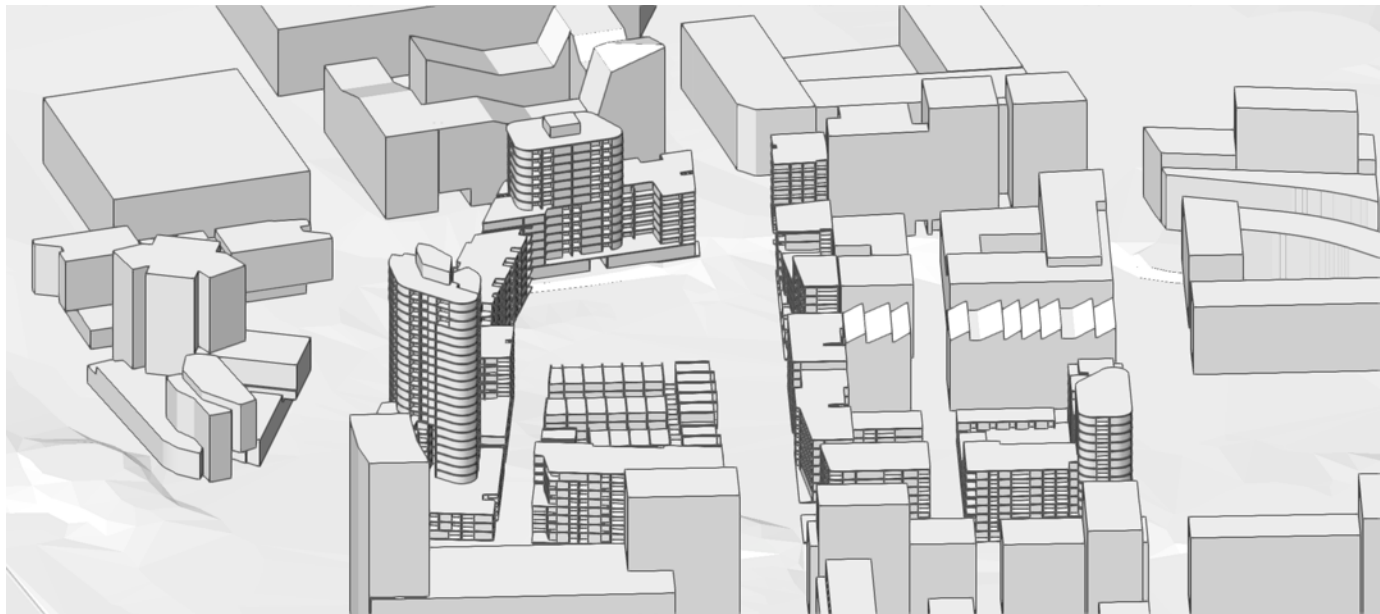
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21/6 1005



21/6 1010



21/6 1015



21/6 1020



21/6 1025



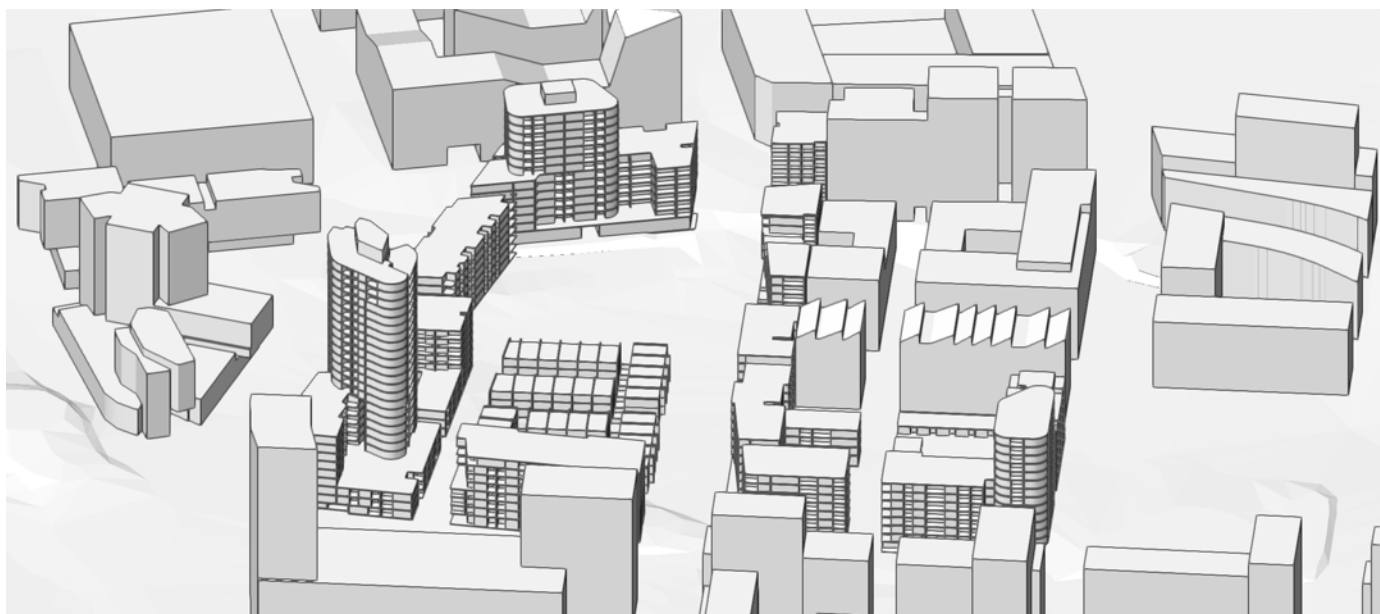
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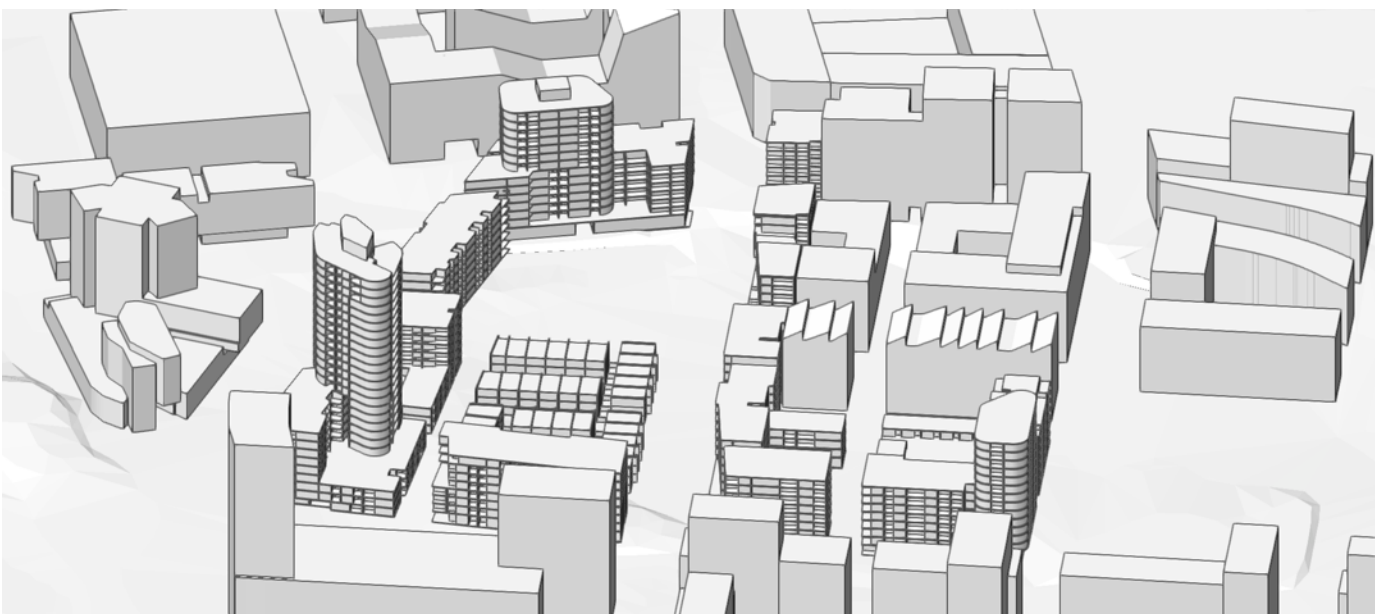
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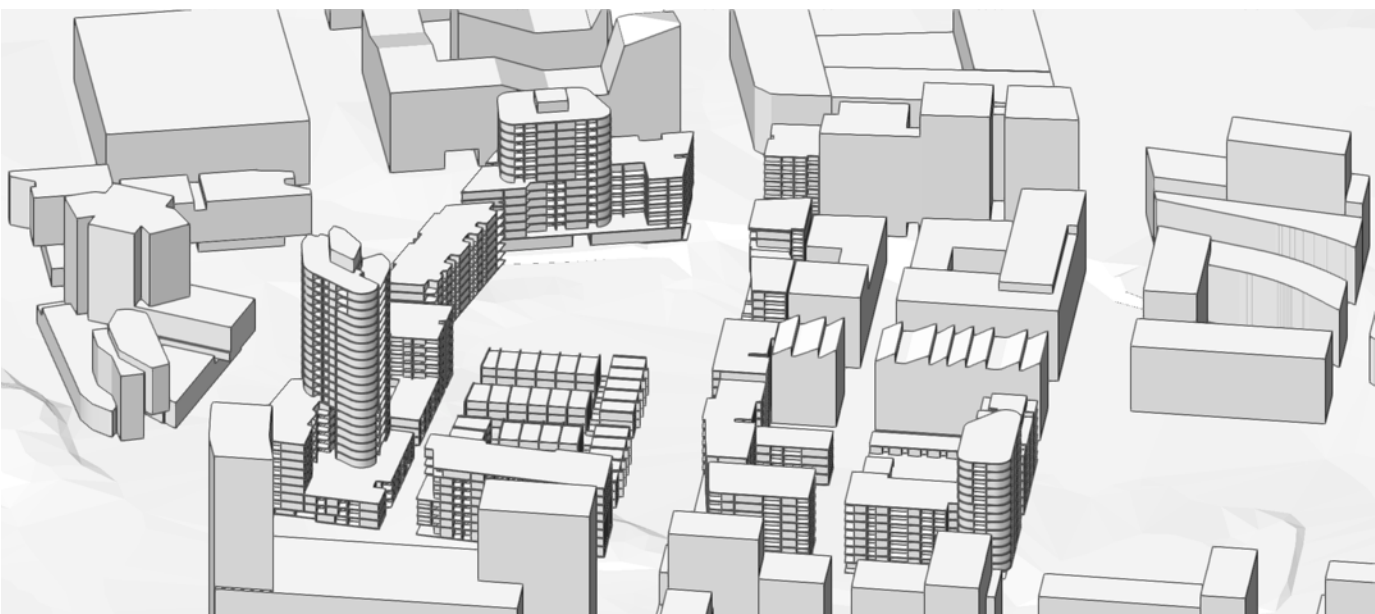
21/6 1040



21/6 1045



21/6 1050



21/6 1055

245



0 10 20 50m

PROJECT DETAILS
SUTTON SITE
ZETLAND

for
MERITON

SUITE 108
59 MARLBOROUGH ST
SURRY HILLS NSW 2010
ARCH. REG. NO. 8886(NSW) 19020(VIC)
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CANBERRA CITY 2601
2569(ACT)

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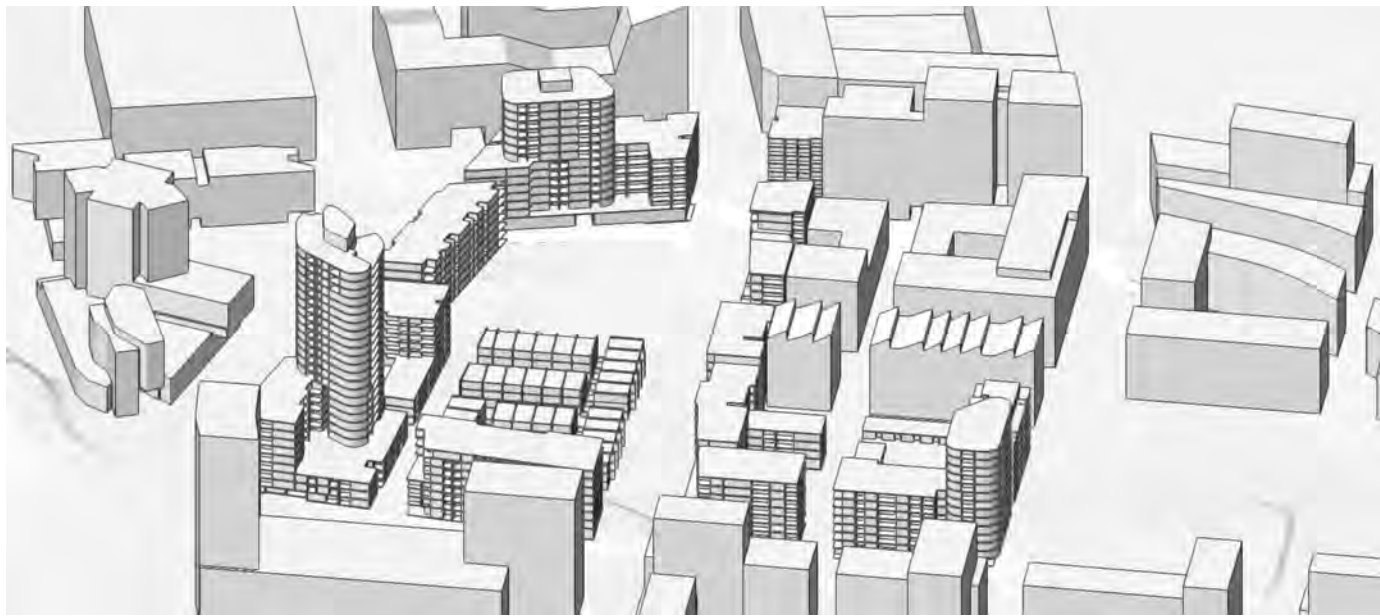
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REVISIONS
A 11/7/2022 SUBMISSION 01

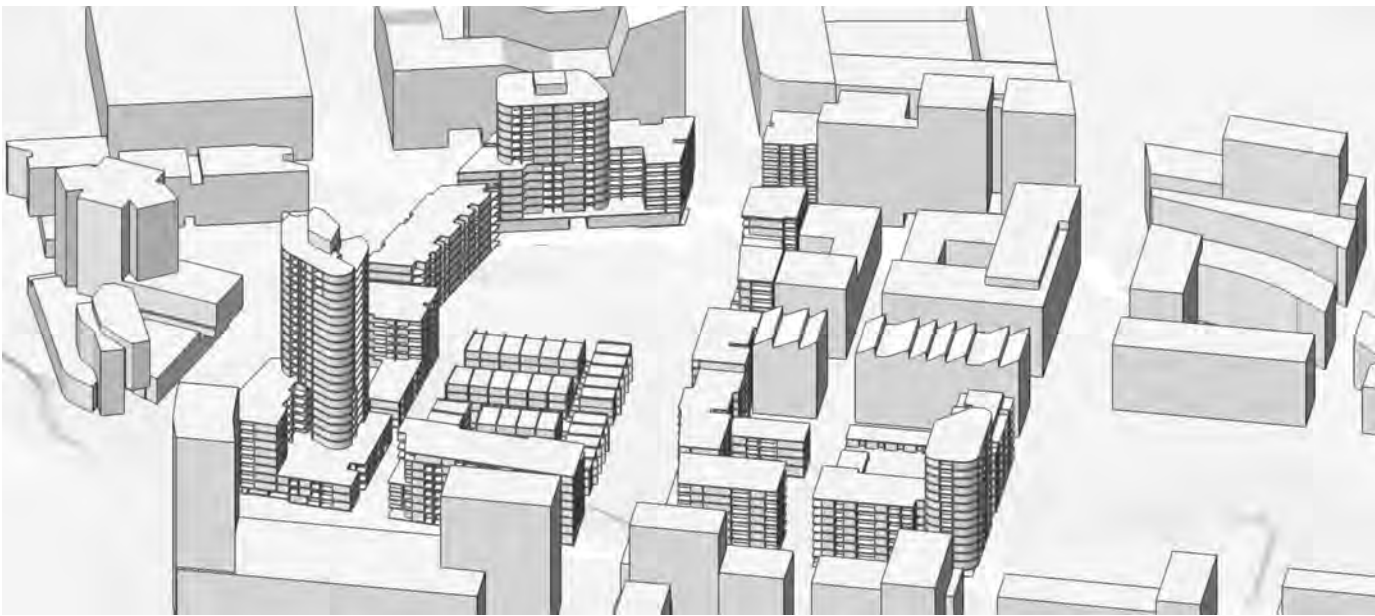
STATUS
REFERENCE DESIGN
DATE
11/7/2022
2129_3D_SOLAR STUDIES.vwx

VIEWS FROM SUN 1000-1055

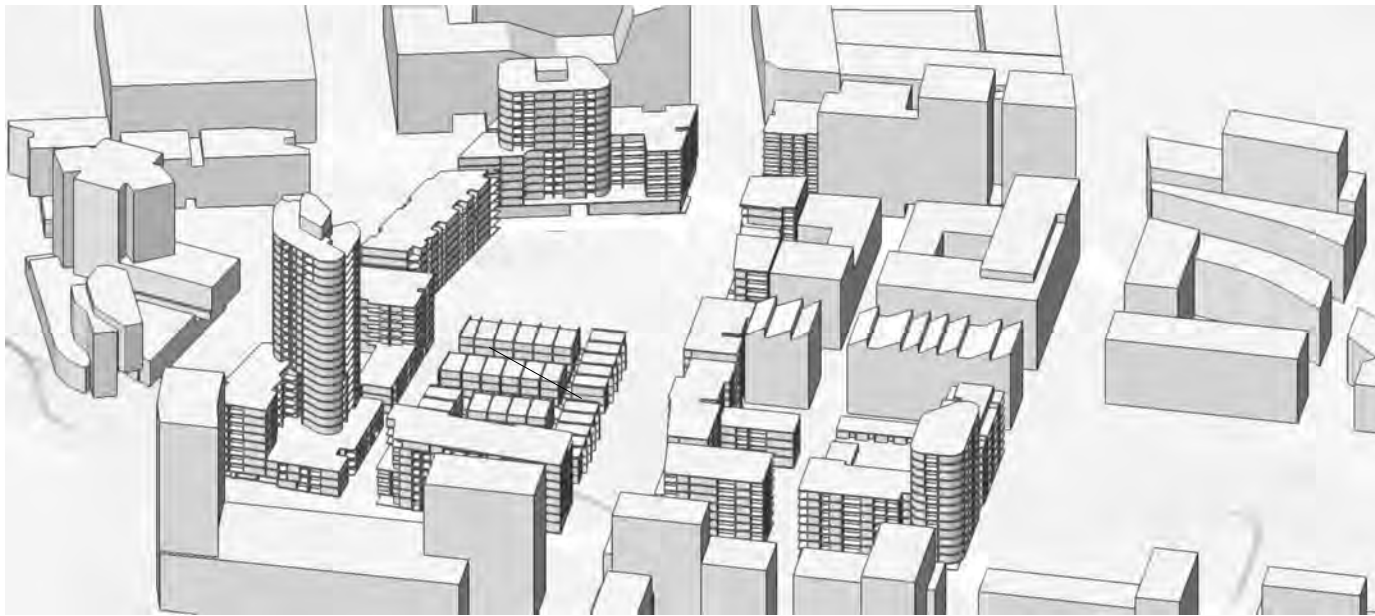
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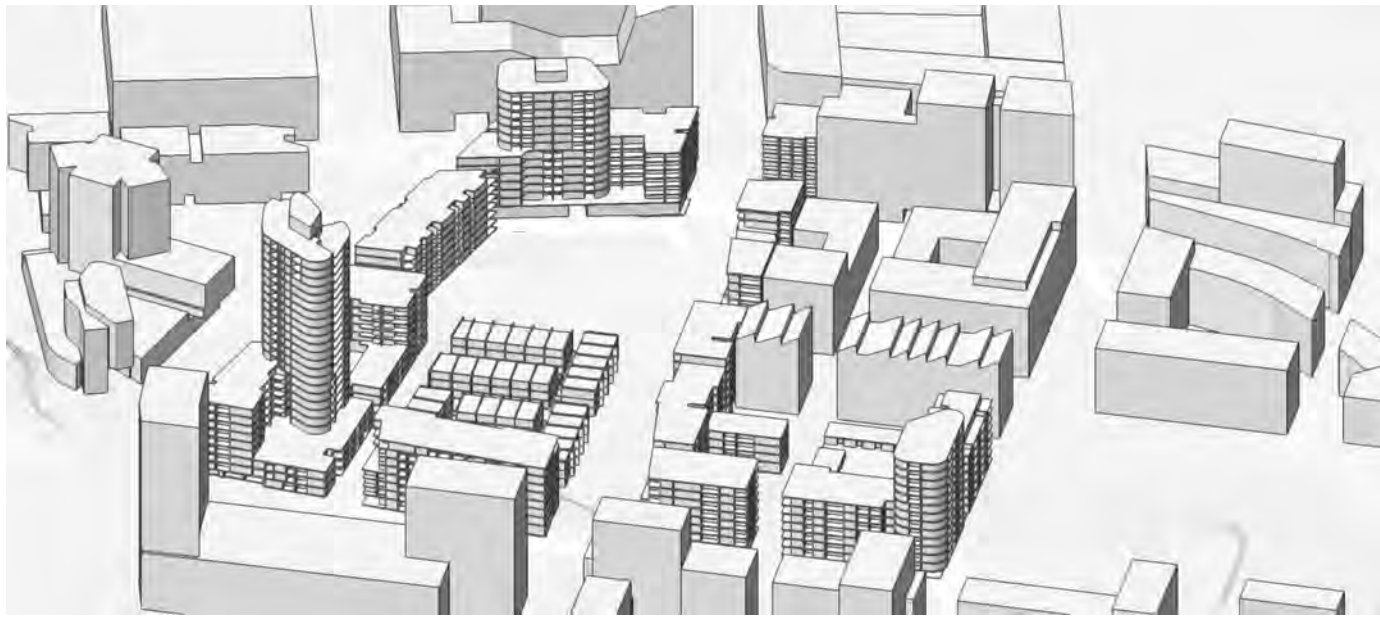
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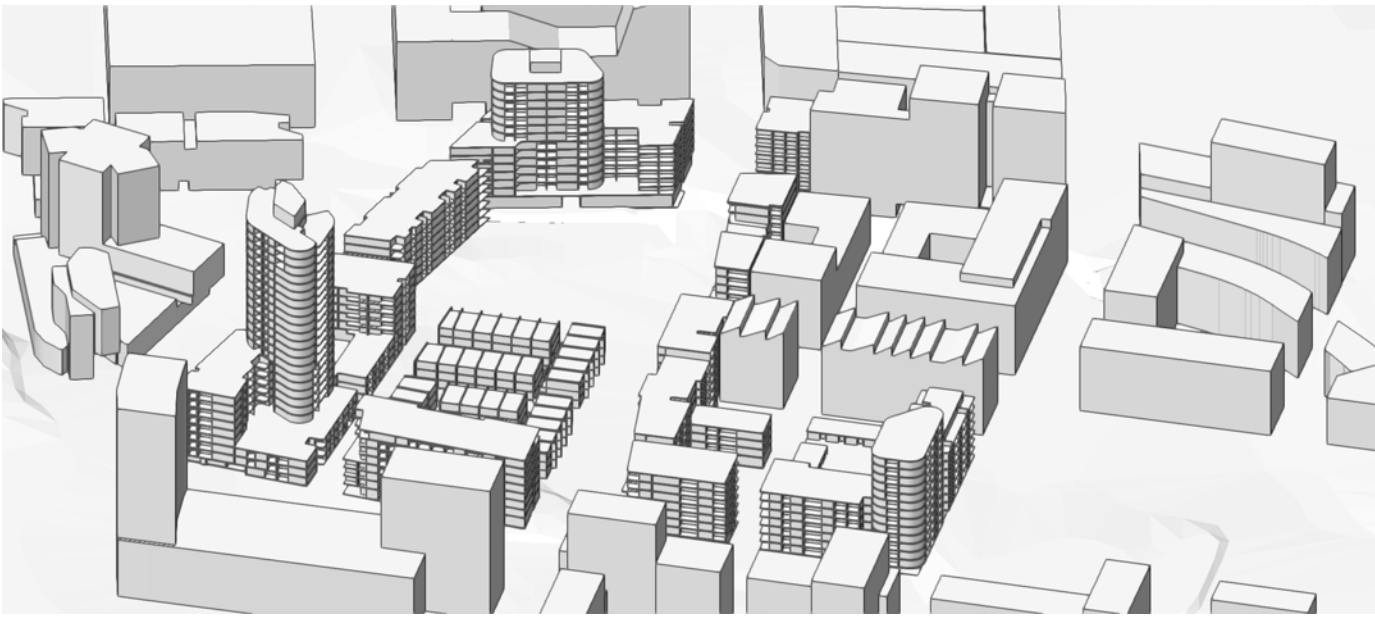
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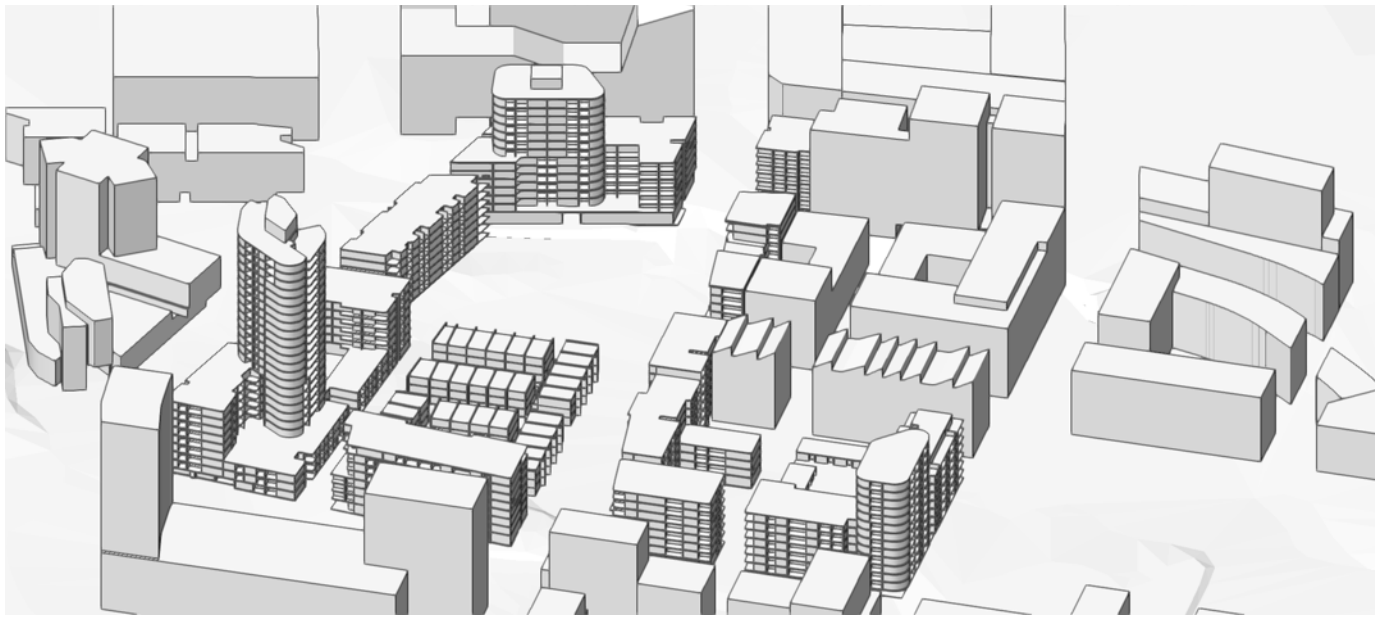
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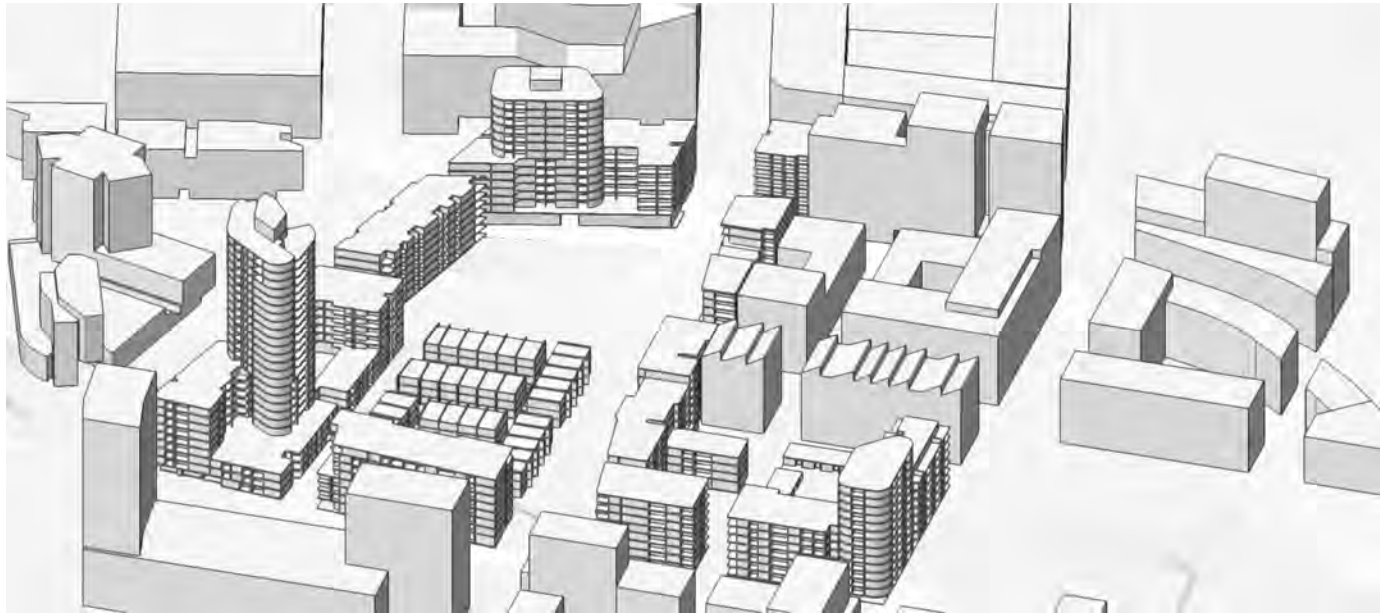
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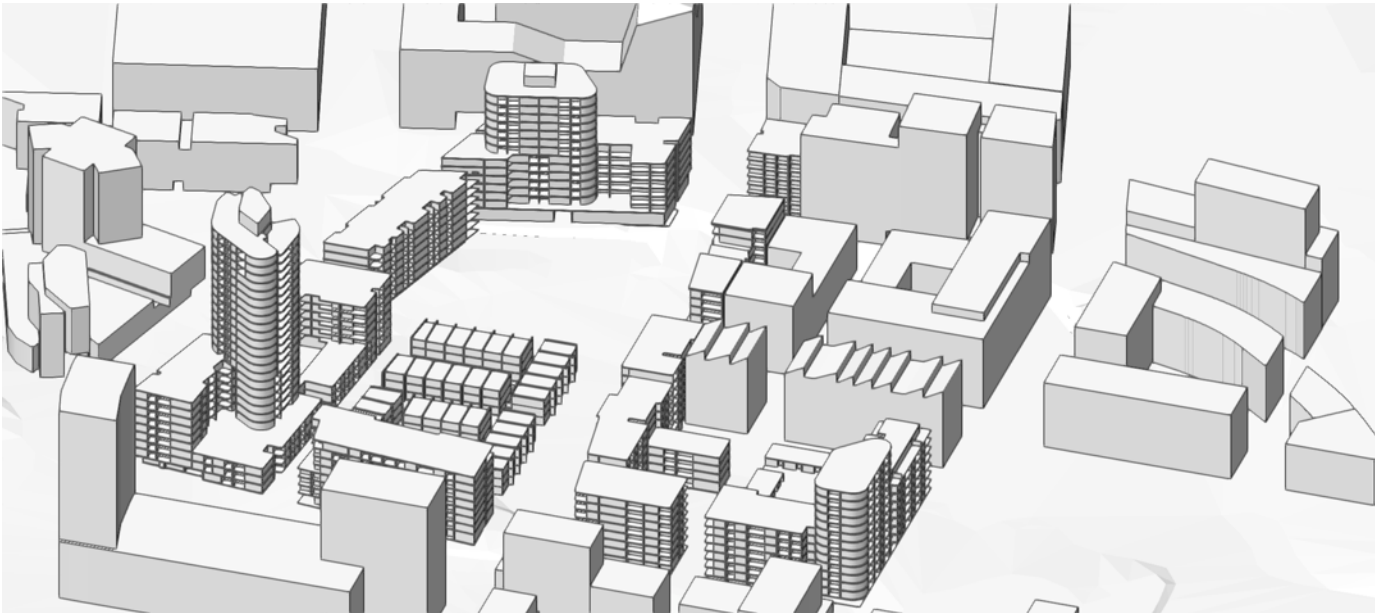
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21/6 1125



21/6 1130



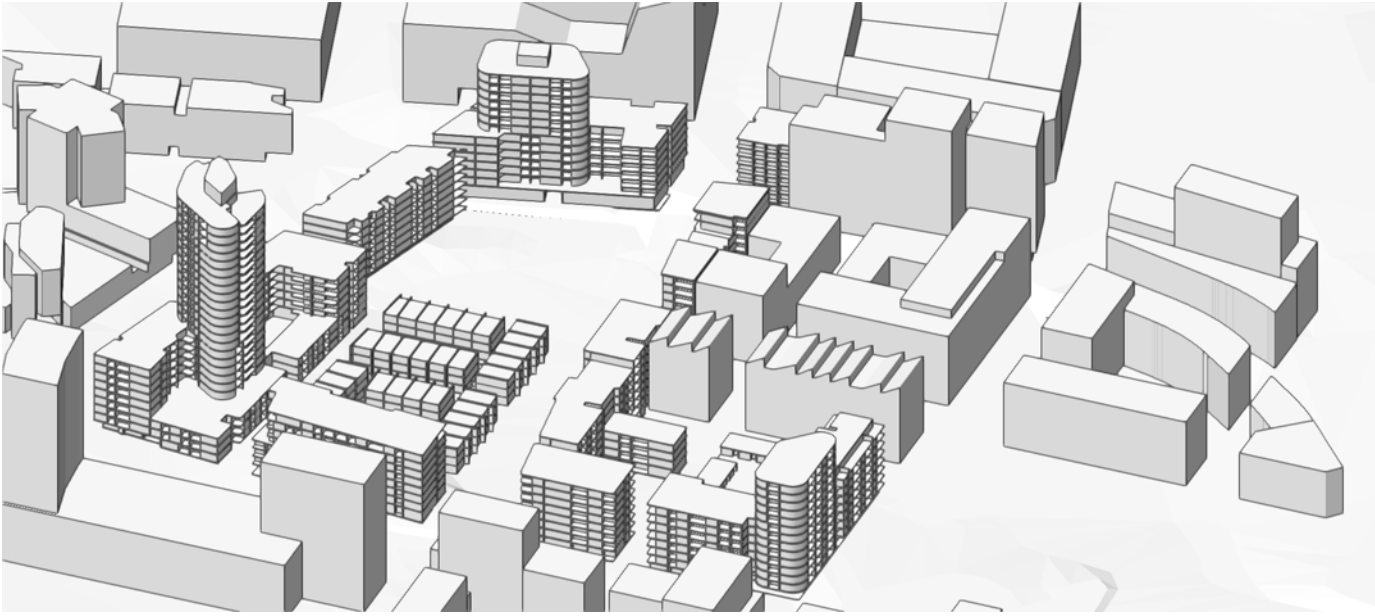
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21/6 1140



21/6 1145



21/6 1150



21/6 1155



0 10 20 50m

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LEGEND

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VIEWS FROM SUN 1100-1155

2129A 80002 A

STATUS
REFERENCE DESIGN
DATE
11/7/2022
2129_3D_SOLAR STUDIES.vwx



21/6 1200



21/6 1205



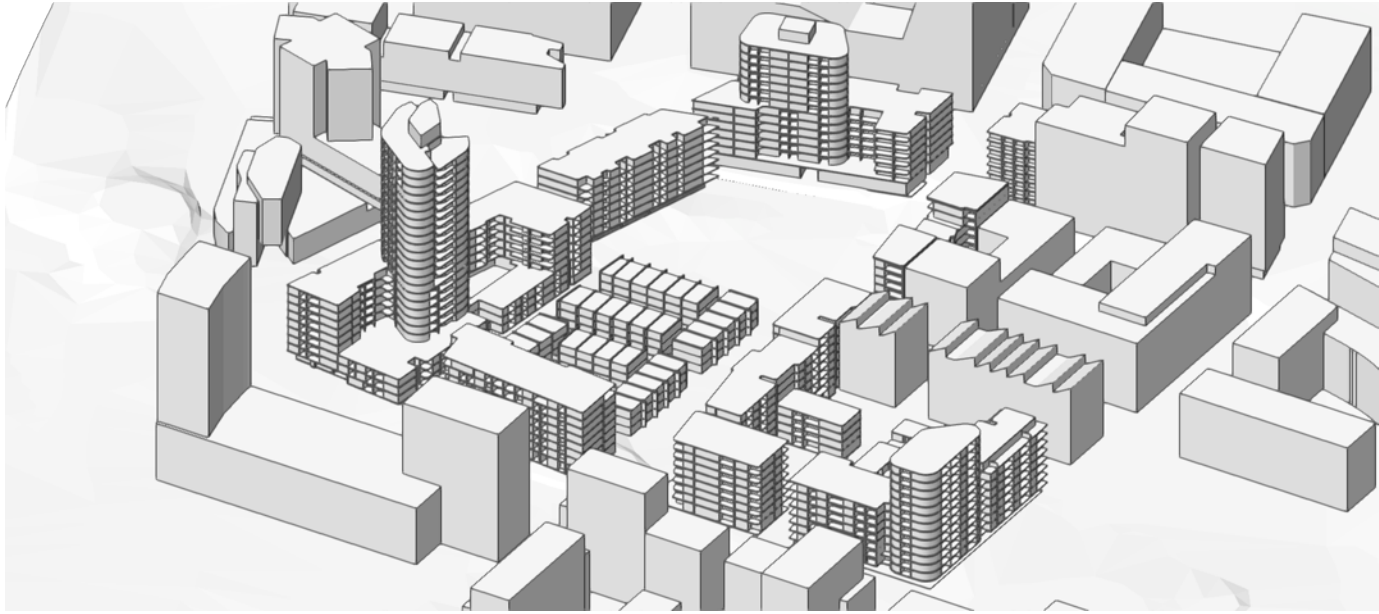
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21/6 1215



21/6 1220



21/6 1225



21/6 1230



21/6 1235



21/6 1240



21/6 1245



21/6 1250



21/6 1255

VIEWS FROM SUN 1200-1255

2129A 80003 A

LEGEND



21/6 1300



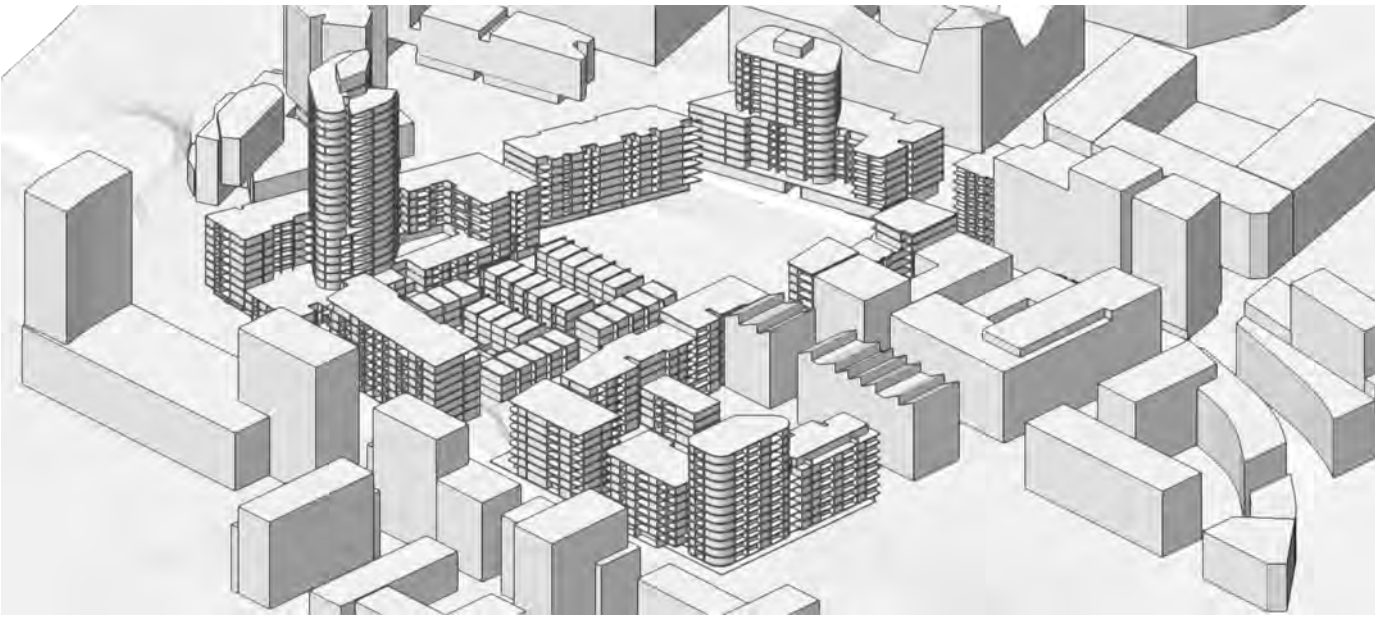
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21/6 1310



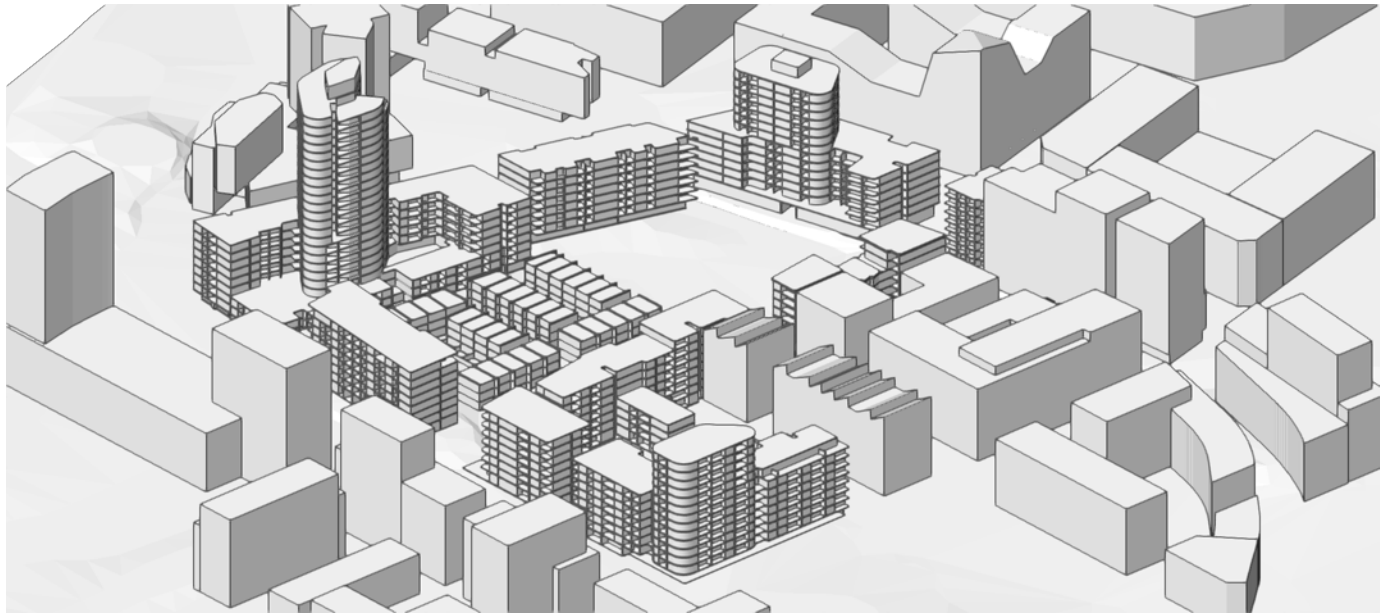
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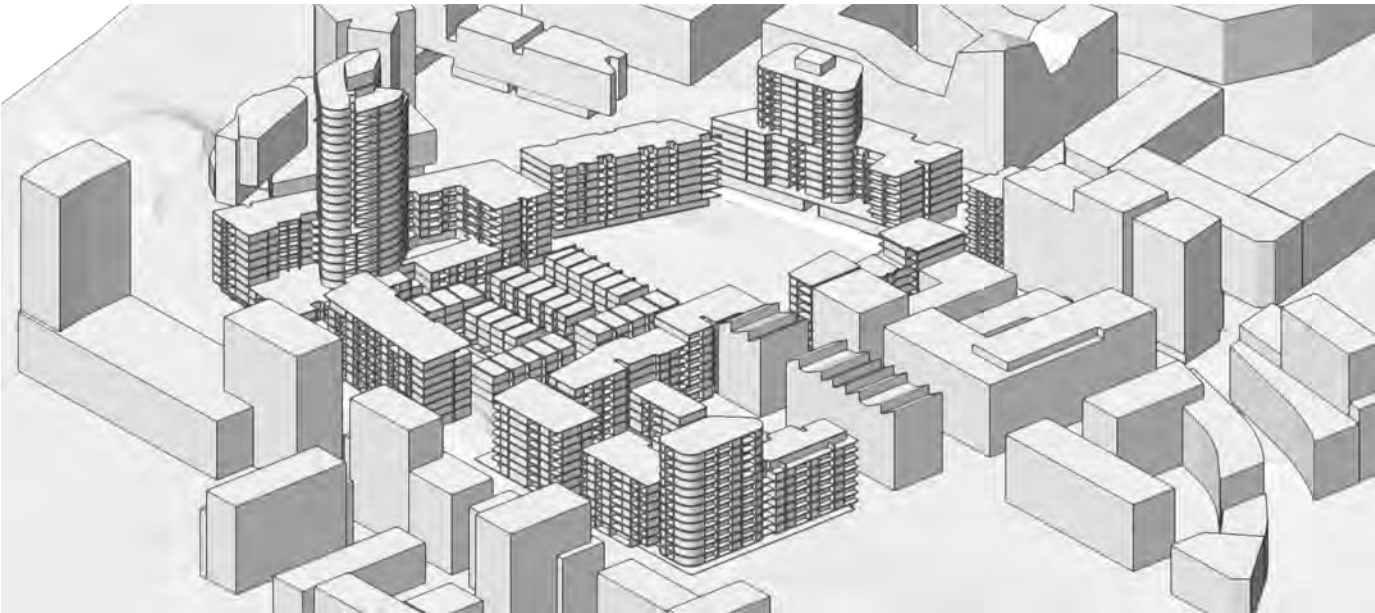
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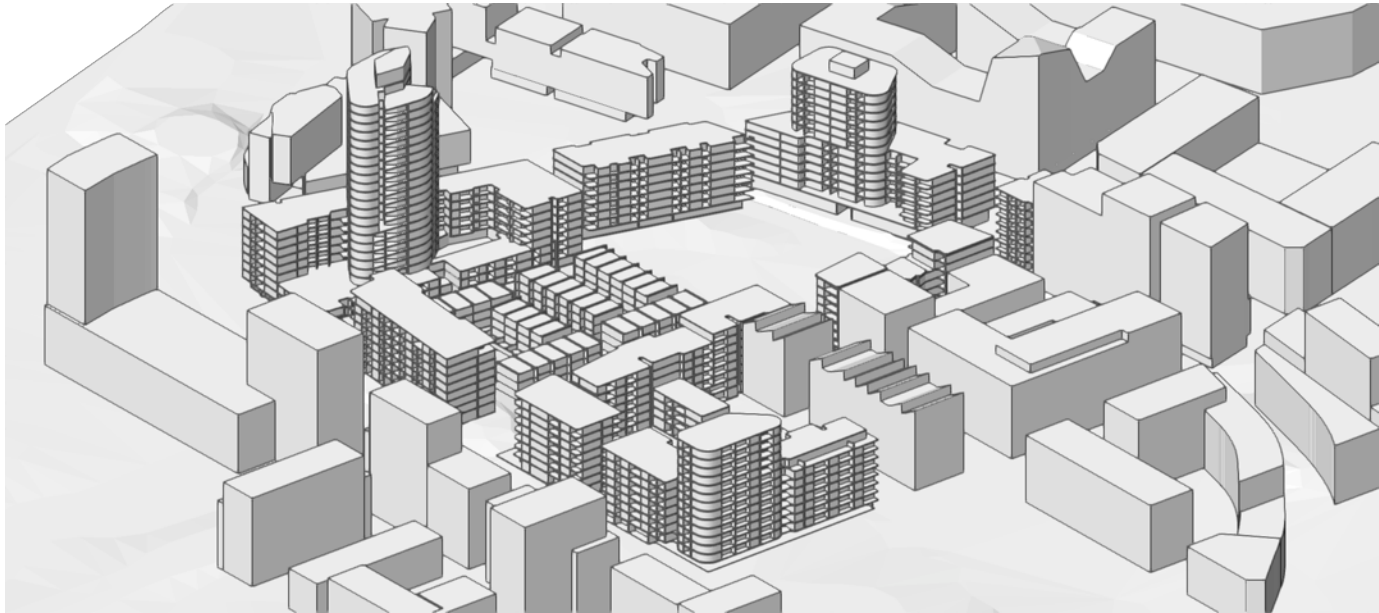
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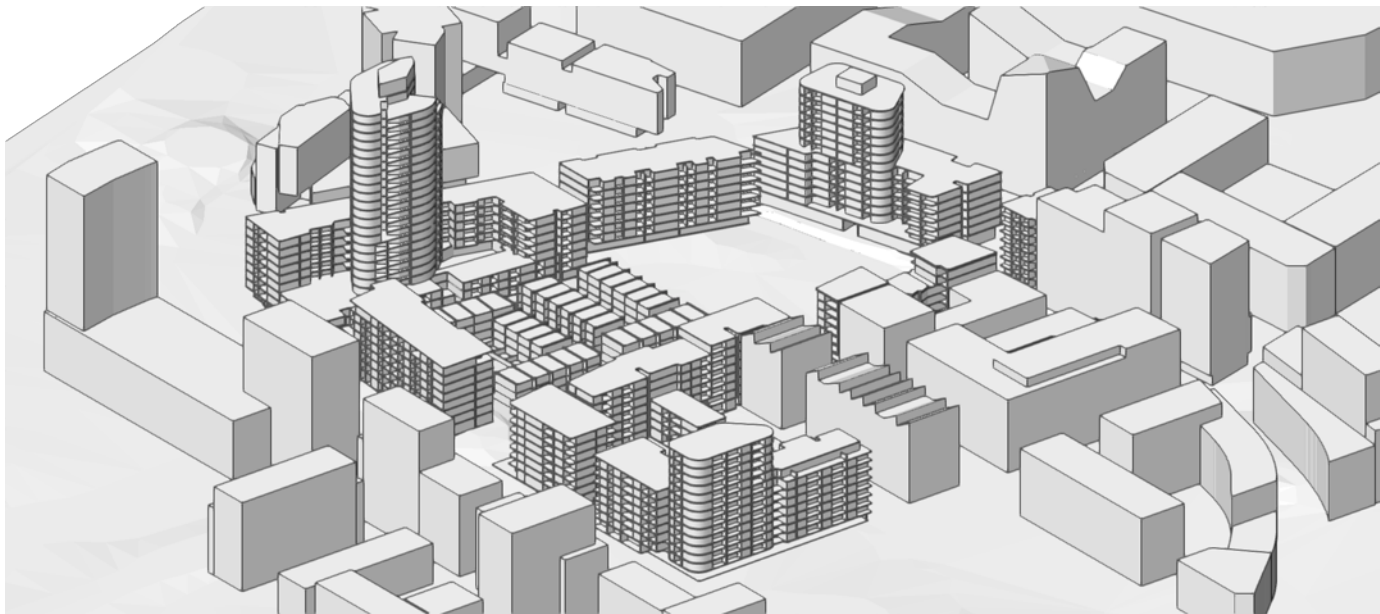
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21/6 1335



21/6 1340



21/6 1345



21/6 1350



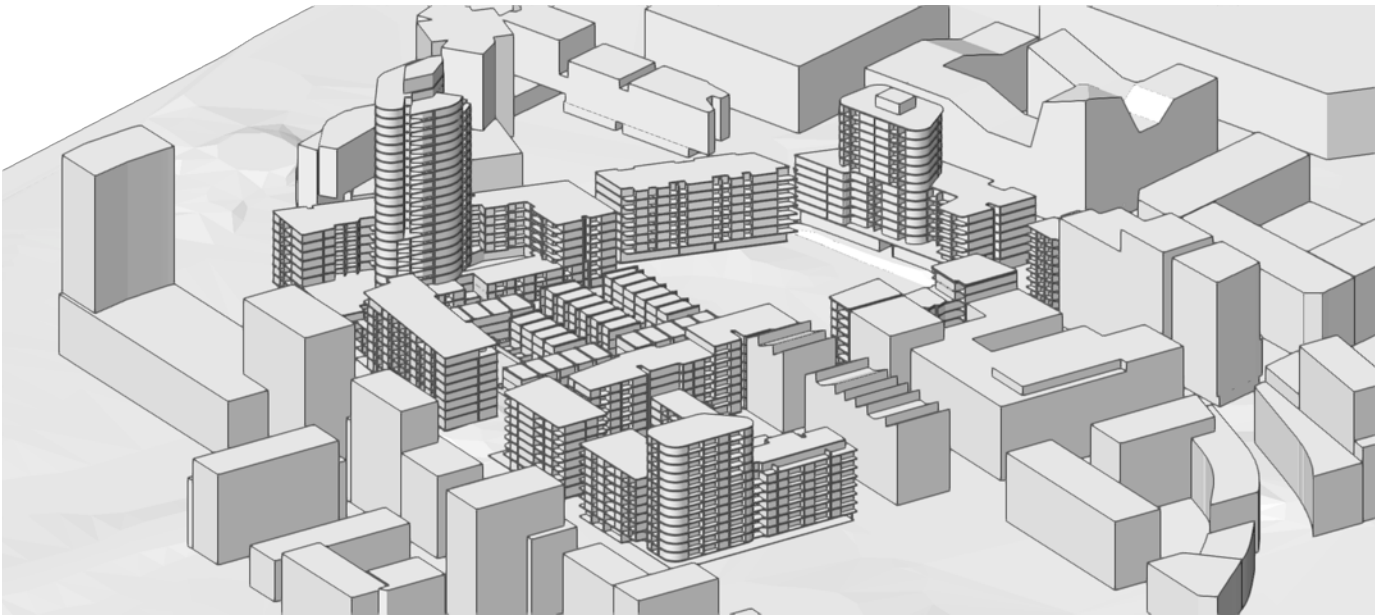
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VIEWS FROM SUN 1300-1355

2129A 80004 A



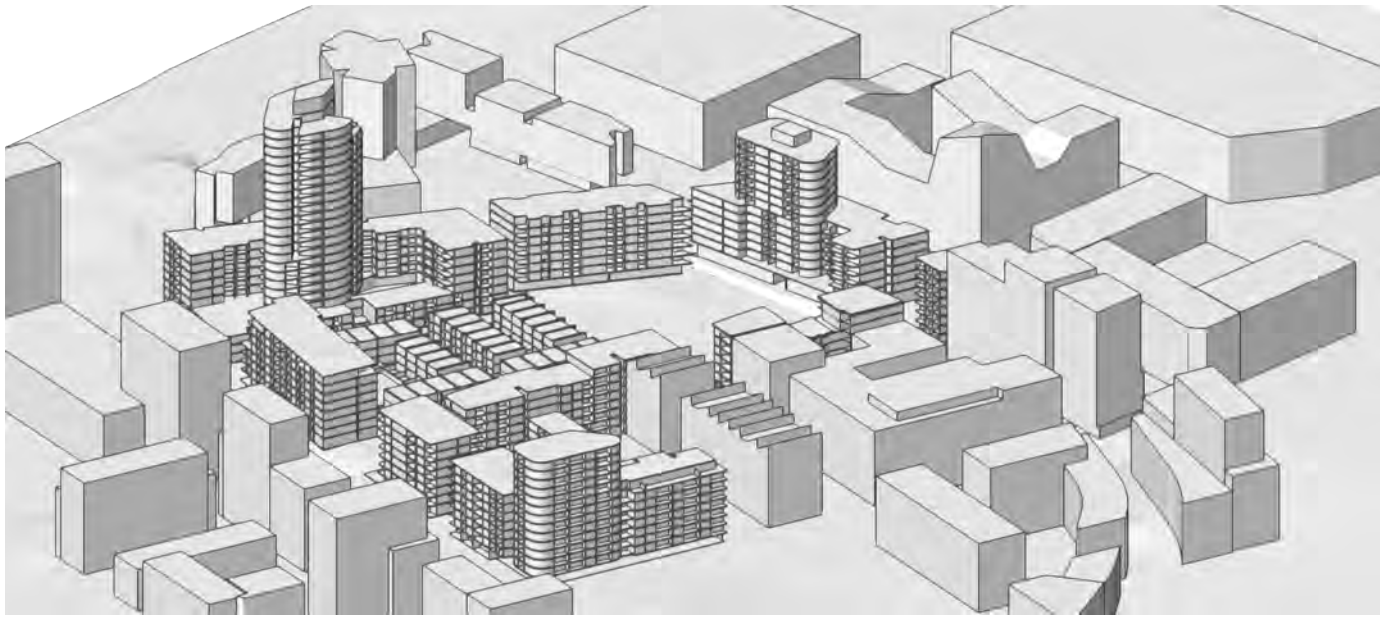
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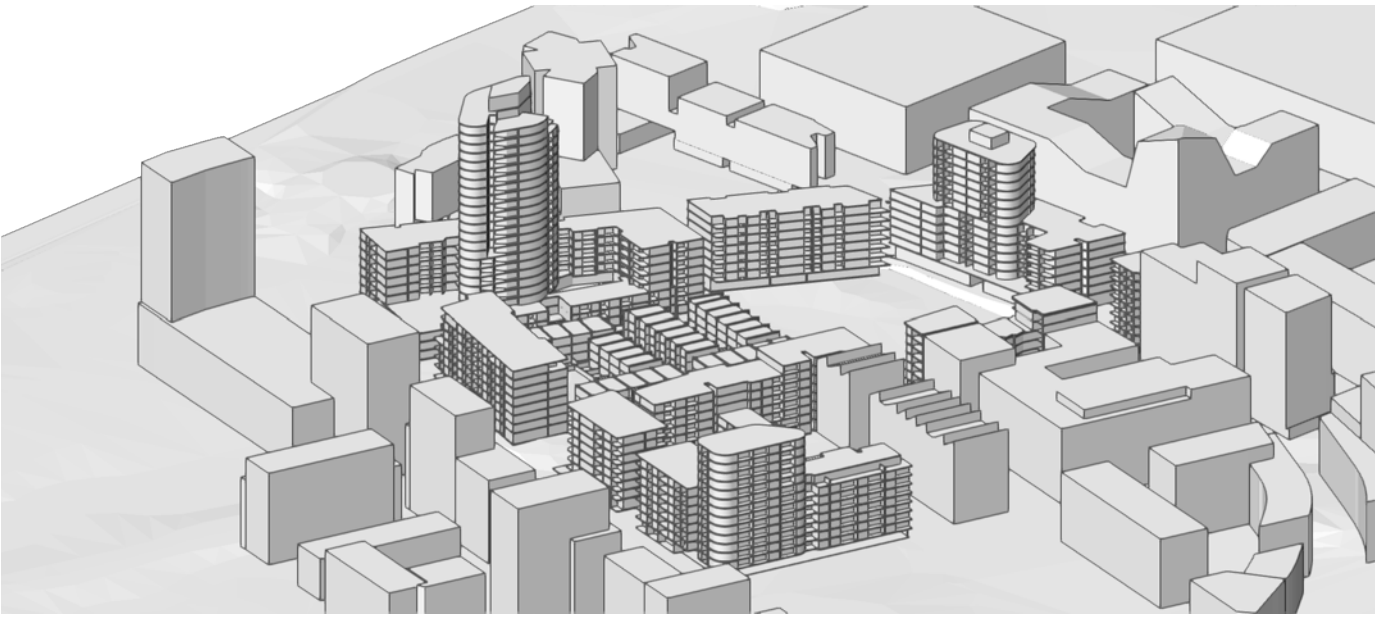
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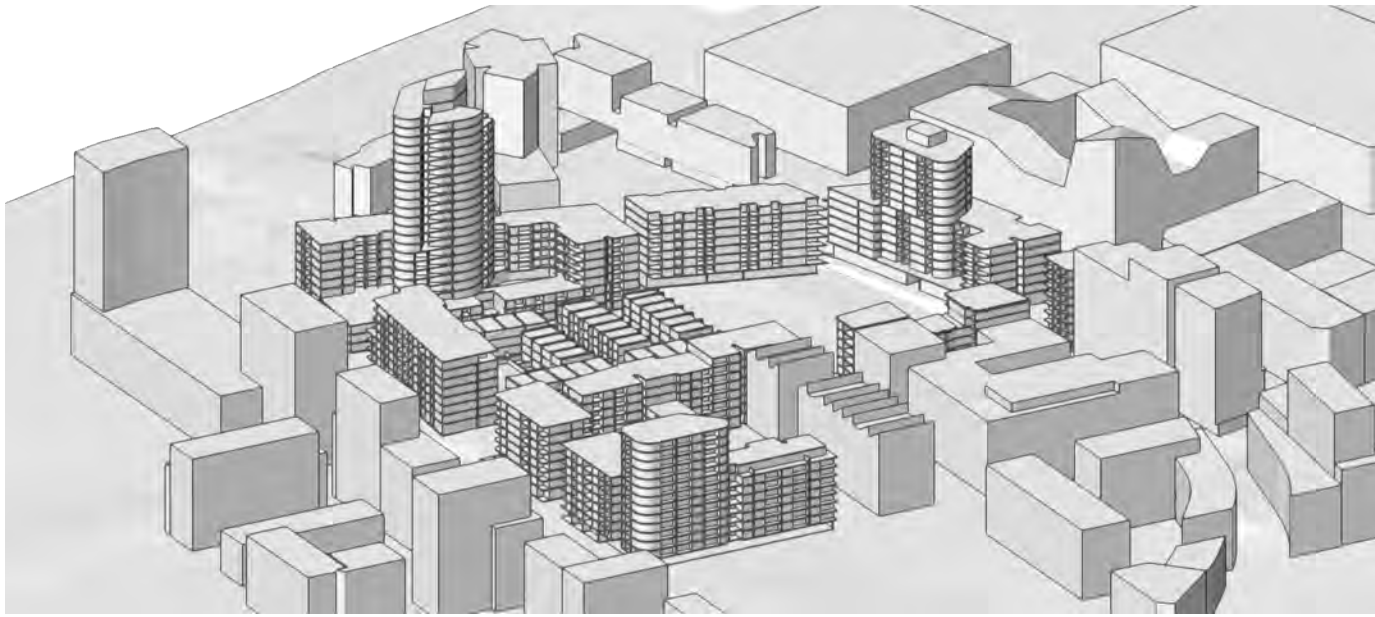
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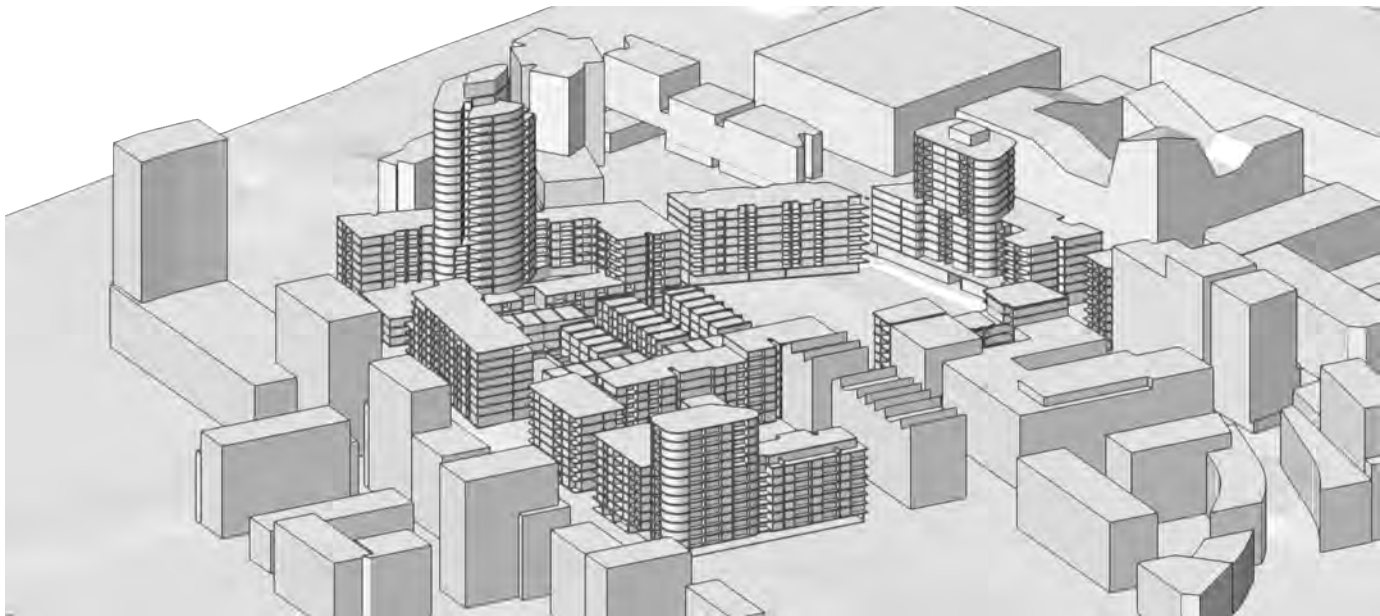
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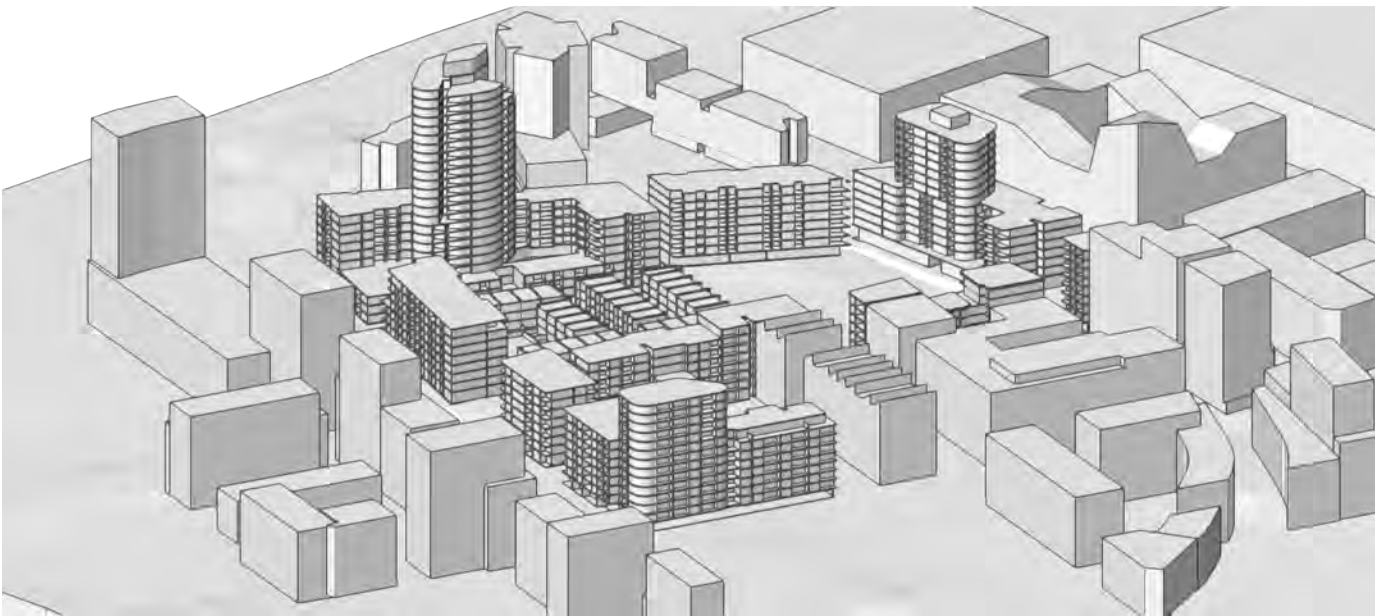
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21/6 1425



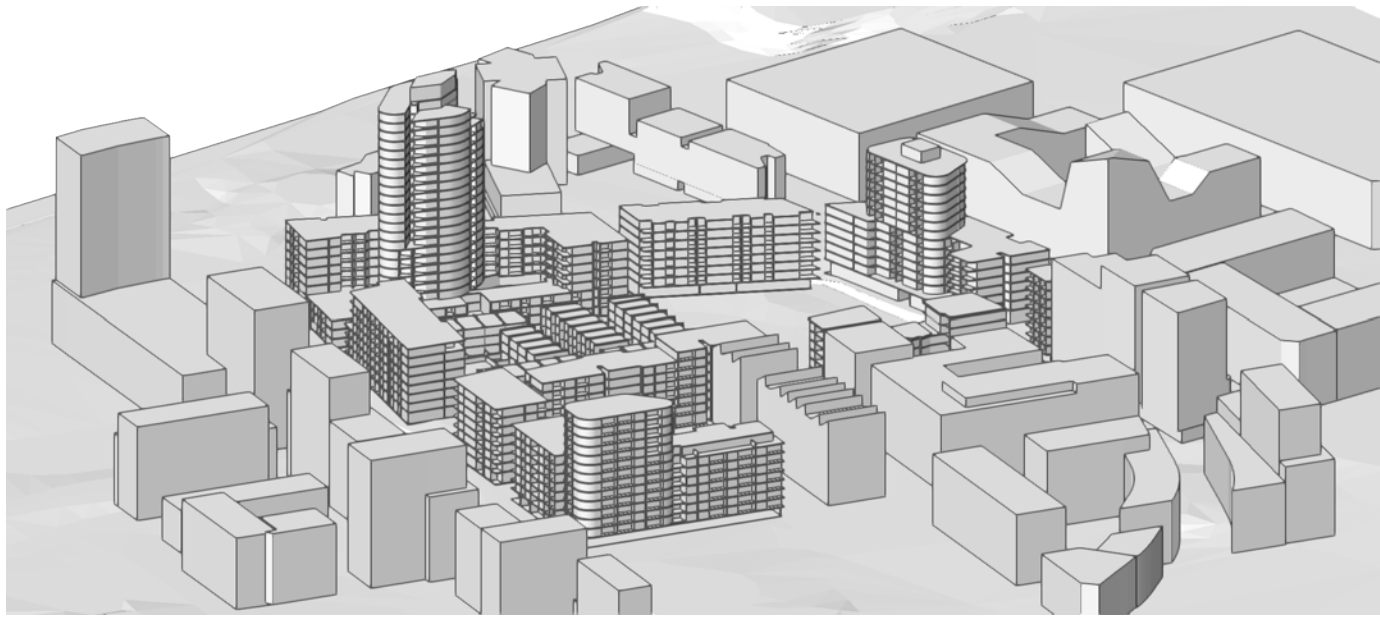
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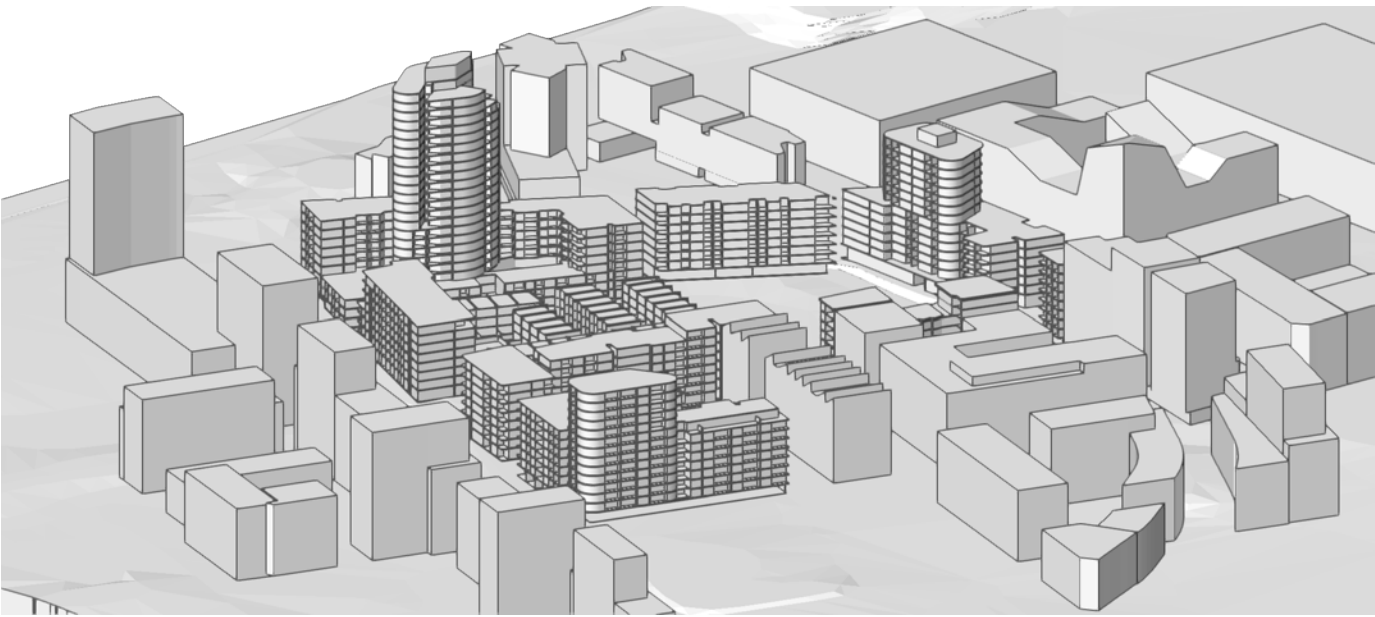
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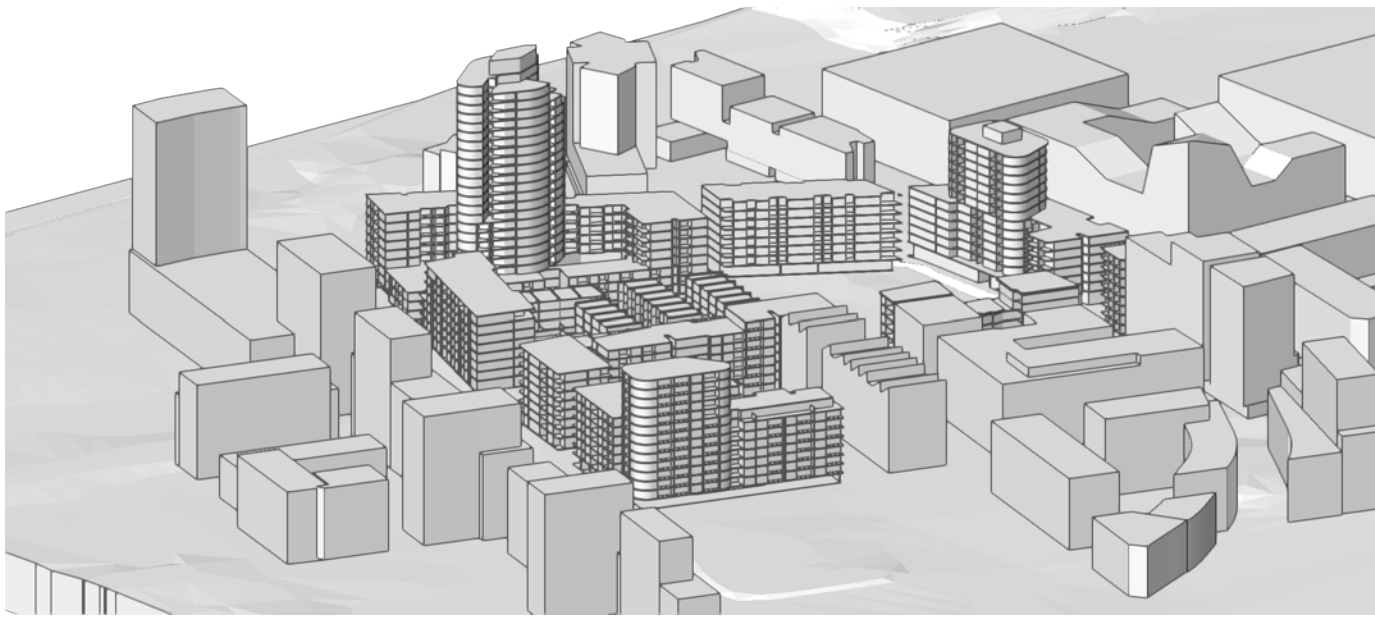
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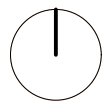
21/6 1445



21/6 1450



21/6 1455



0 10 20 50m

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

2569(ACT)

PROJECT DETAILS
SUTTON SITE
ZETLAND
for
MERITON

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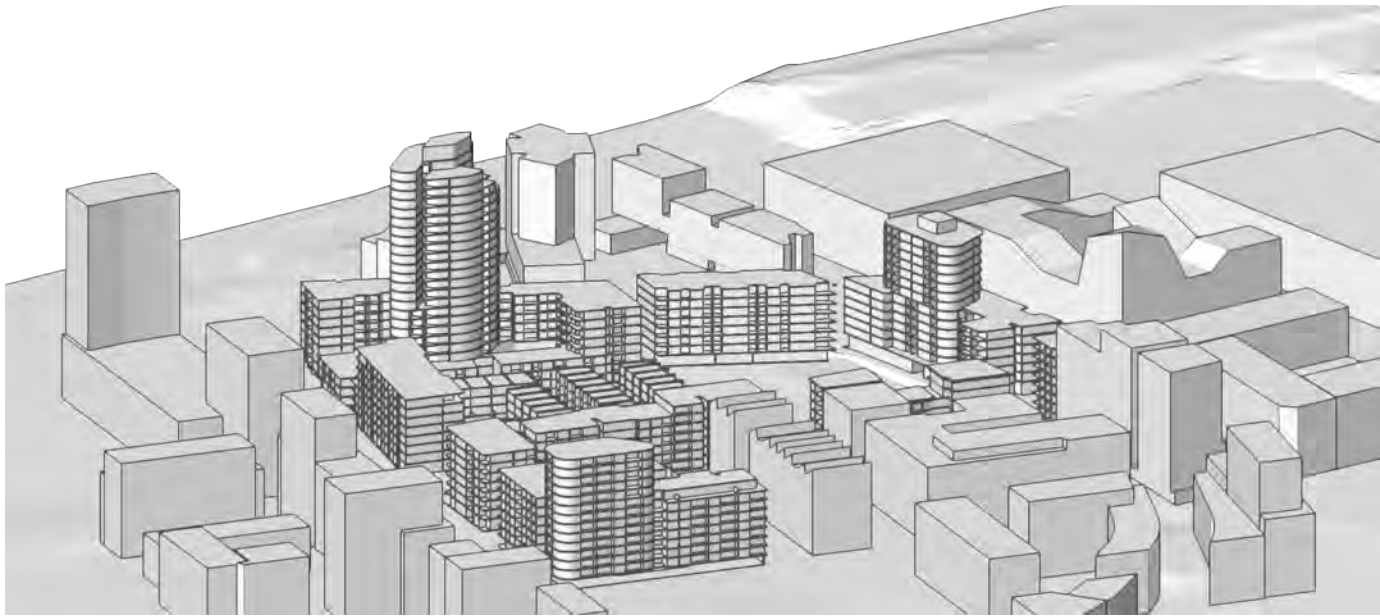
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REVISIONS
A 11/7/2022 SUBMISSION 01

STATUS
REFERENCE DESIGN
DATE
11/7/2022
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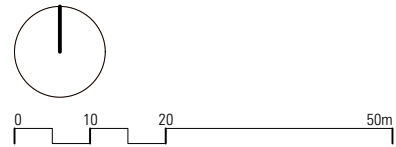
VIEWS FROM SUN 1400-1455

2129A 80005 A



21/6 1500

250



SUITE 108
59 MARLBOROUGH ST
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VIEWS FROM SUN 1500

2129 A 80006 A

STATUS
REFERENCE DESIGN
DATE
11/7/2022

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LEP HOB Envelopes
21/6 0900



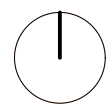
Proposed Envelopes
21/6 0900

SHADOW DIAGRAM WINTER 0900

2129 A 80500 A

STATUS
REFERENCE DESIGN
DATE
11/7/2022

2129_3D_SOLAR STUDIES.vwx



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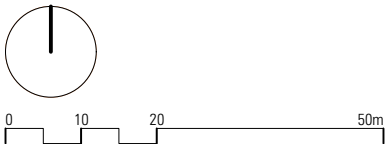


LEP HOB Envelopes
21/6 1000



Proposed Envelopes
21/6 1000

SHADOW DIAGRAM WINTER 1000
2129A 80501 A





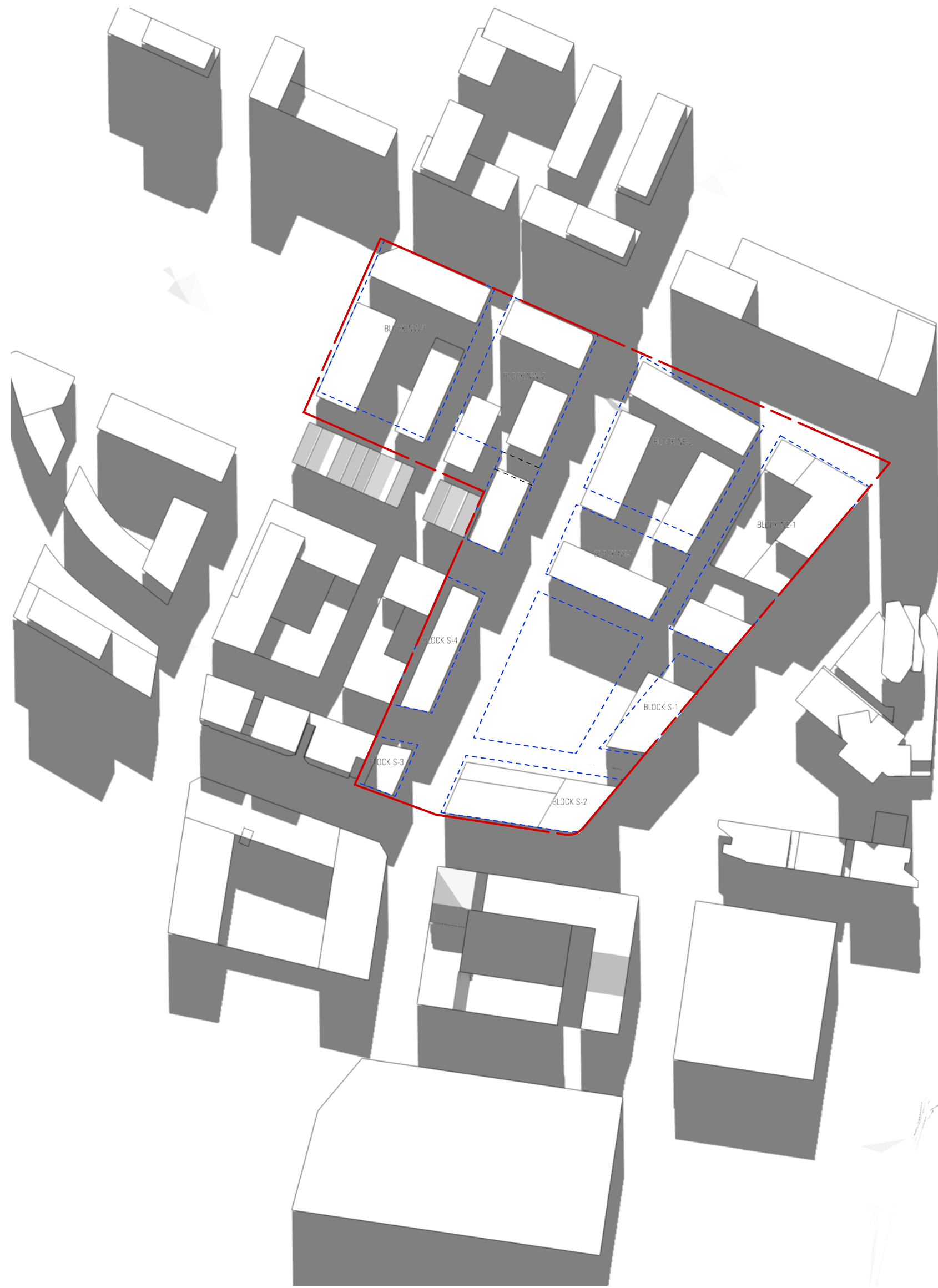
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21/6 1100



Proposed Envelopes
21/6 1100

SHADOW DIAGRAM WINTER 1100

2129 A 80502 A



LEP HOB Envelopes
21/6 1200



Proposed Envelopes
21/6 1200

SHADOW DIAGRAM WINTER 1200

2129 A 80503 A

STATUS
REFERENCE DESIGN
DATE
11/7/2022

2129_3D_SOLAR STUDIES.vwx



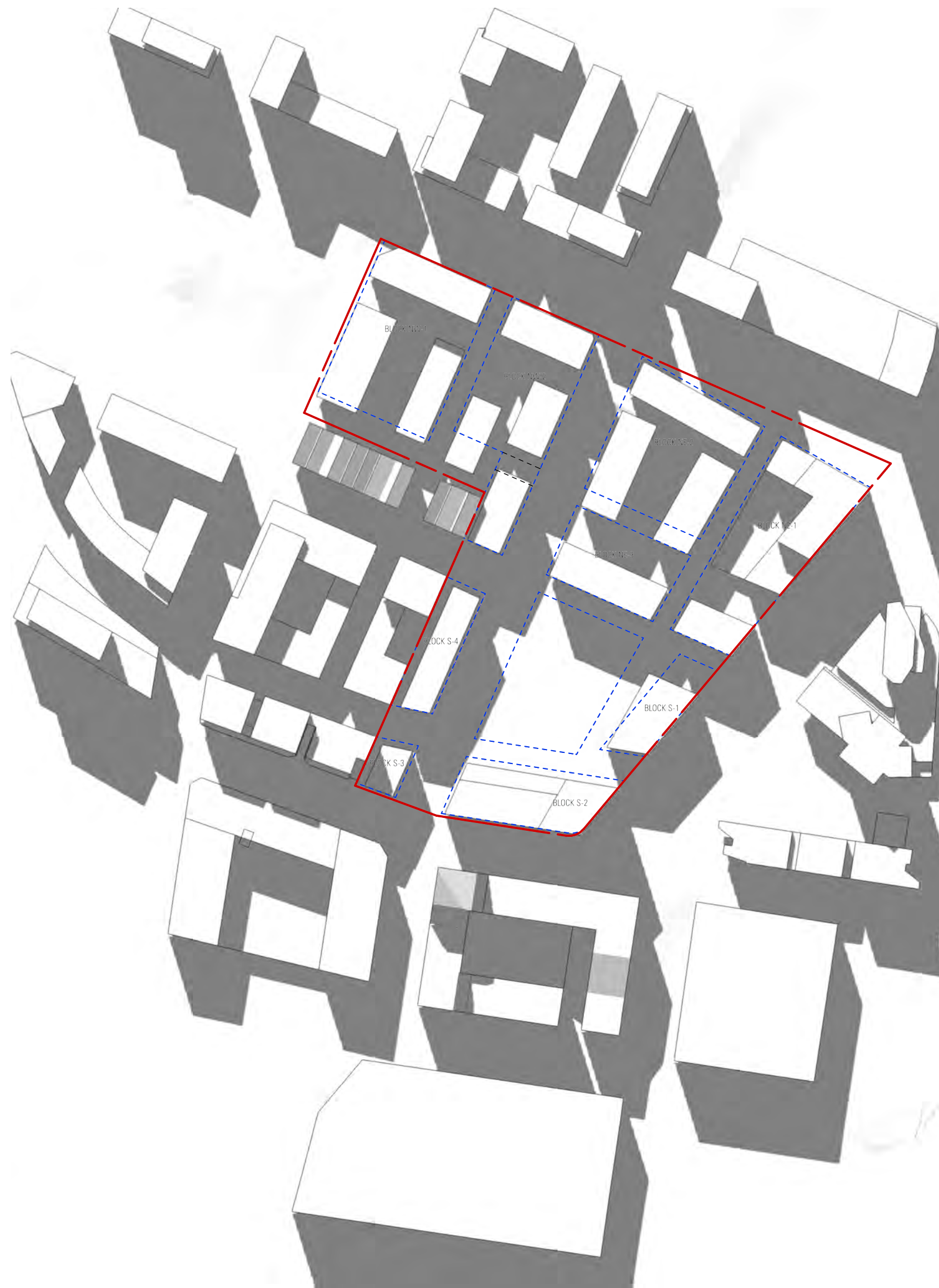
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PROJECT DETAILS
SUTTON SITE
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MERITON

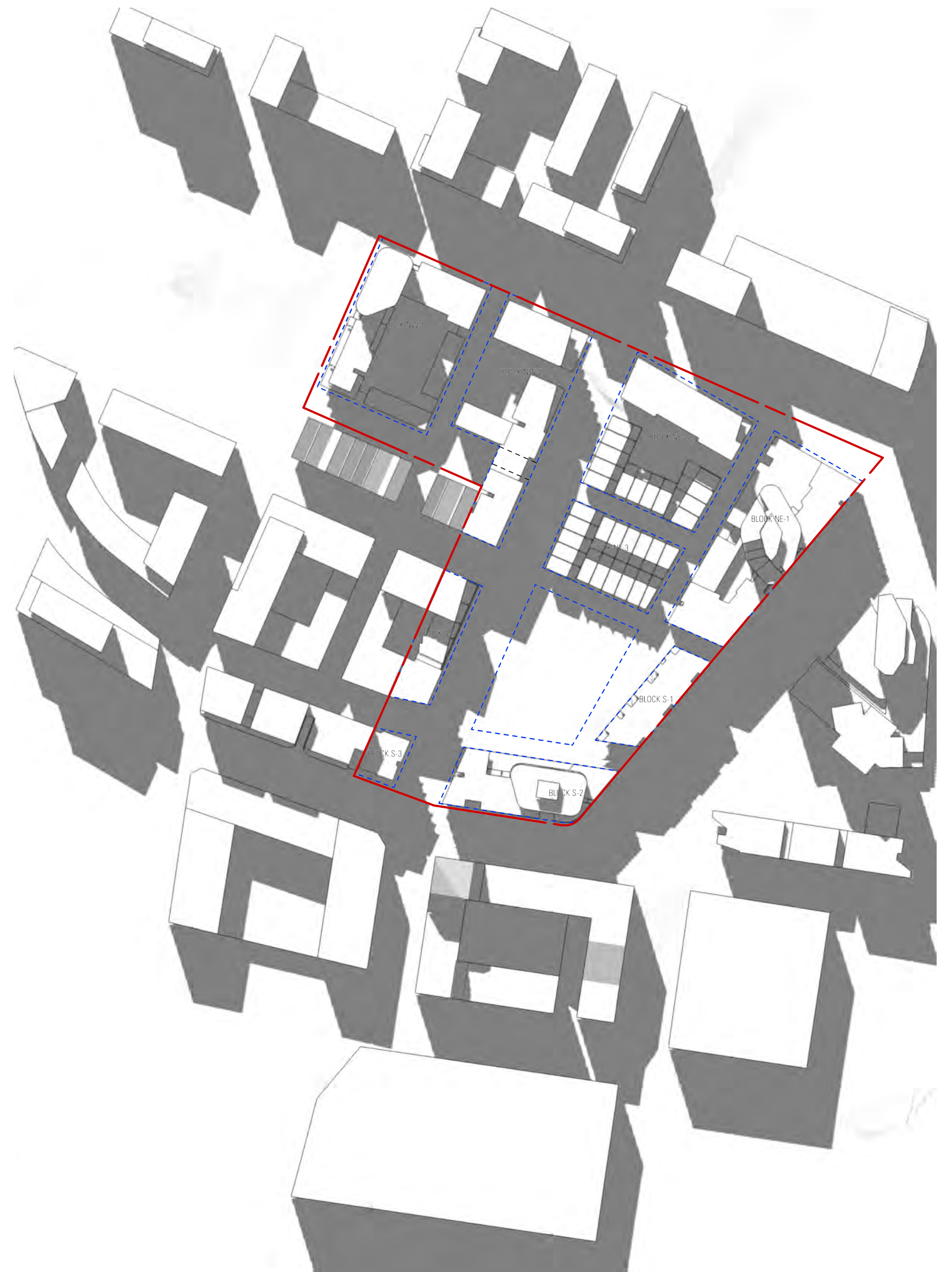
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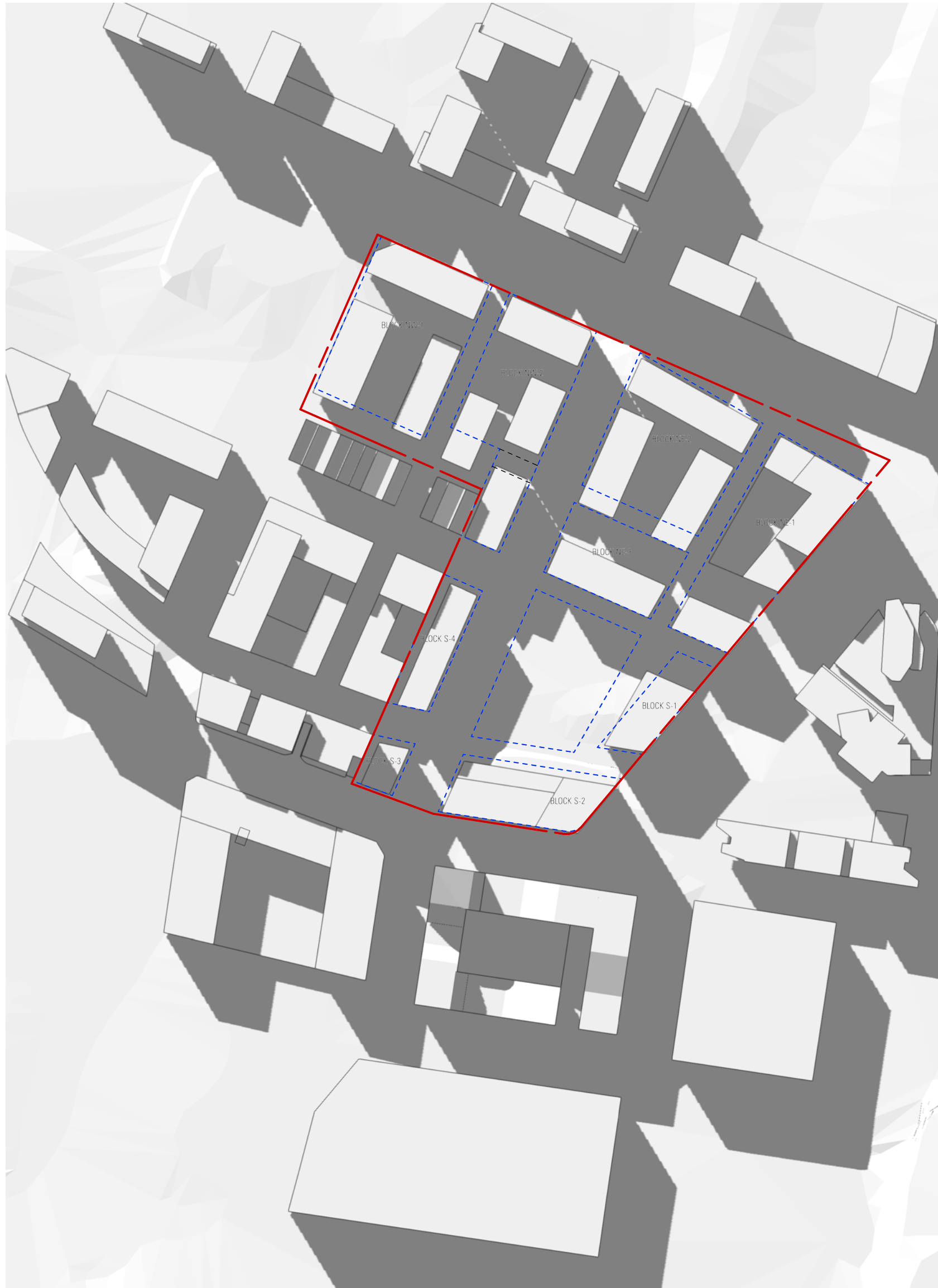
LEP HOB Envelopes
21/6 1300



Proposed Envelopes
21/6 1300

SHADOW DIAGRAM WINTER 1300

2129 A 80504 A



LEP HOB Envelopes
21/6 1400



Proposed Envelopes
21/6 1400

SHADOW DIAGRAM WINTER 1400

2129 A 80505 A

STATUS
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0 10 20 50m

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LEP HOB Envelopes
21/6 1500



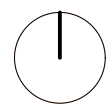
Proposed Envelopes
21/6 1500

SHADOW DIAGRAM WINTER 1500

2129 A 80506 A

STATUS
REFERENCE DESIGN
DATE
11/7/2022

2129_3D_SOLAR STUDIES.vwx



0 10 20 50m

PROJECT DETAILS

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LEP HOB Envelopes
21/12 0900



Proposed Envelopes
21/12 0900

SHADOW DIAGRAM SUMMER 0900

2129 A 80507 A

STATUS
REFERENCE DESIGN
DATE
11/7/2022

2129_3D_SOLAR STUDIES.vwx



0 10 20 50m

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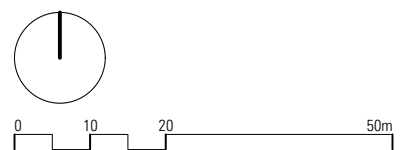
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21/12 1000



Proposed Envelopes
21/12 1000

SHADOW DIAGRAM SUMMER 1000

2129 A 80508 A





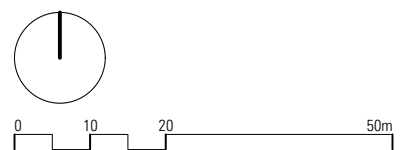
LEP HOB Envelopes
21/12 1100



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

STATUS
REFERENCE DESIGN
DATE
11/7/2022

2129_3D_SOLAR STUDIES.vwx



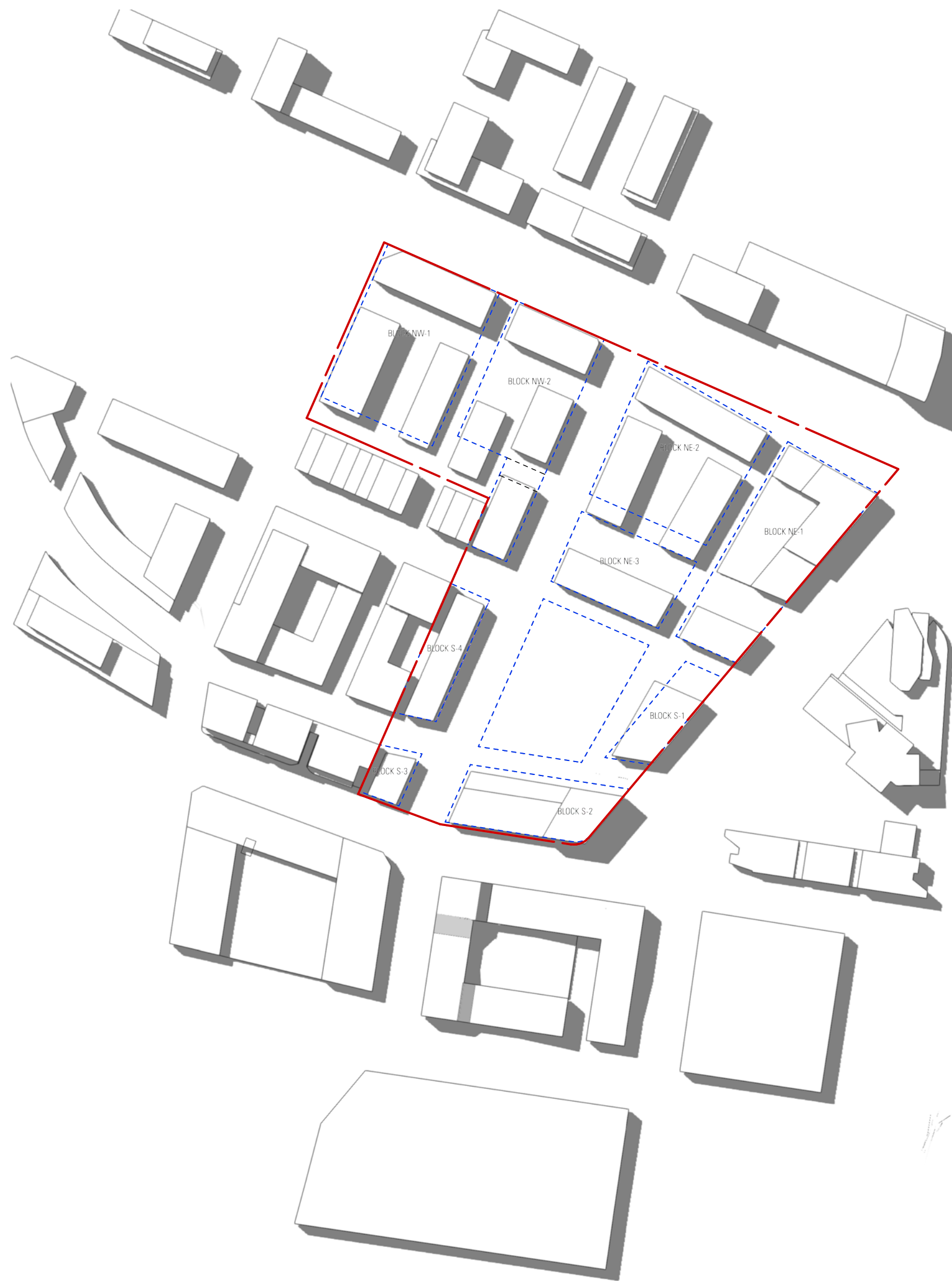
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PROJECT DETAILS
SUTTON SITE
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MERITON

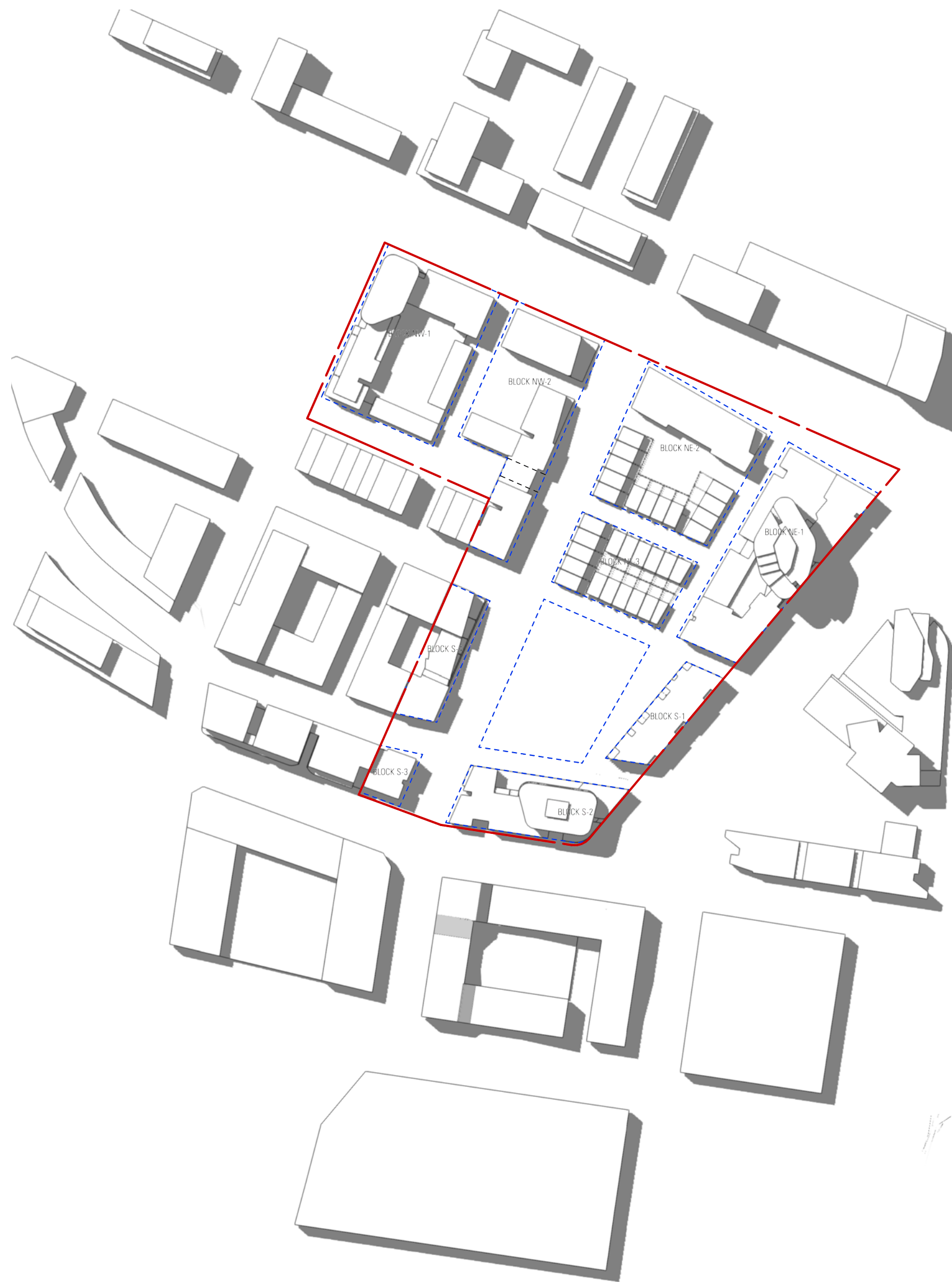
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21/12 1300



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

STATUS
REFERENCE DESIGN
DATE
11/7/2022

2129_3D_SOLAR STUDIES.vwx



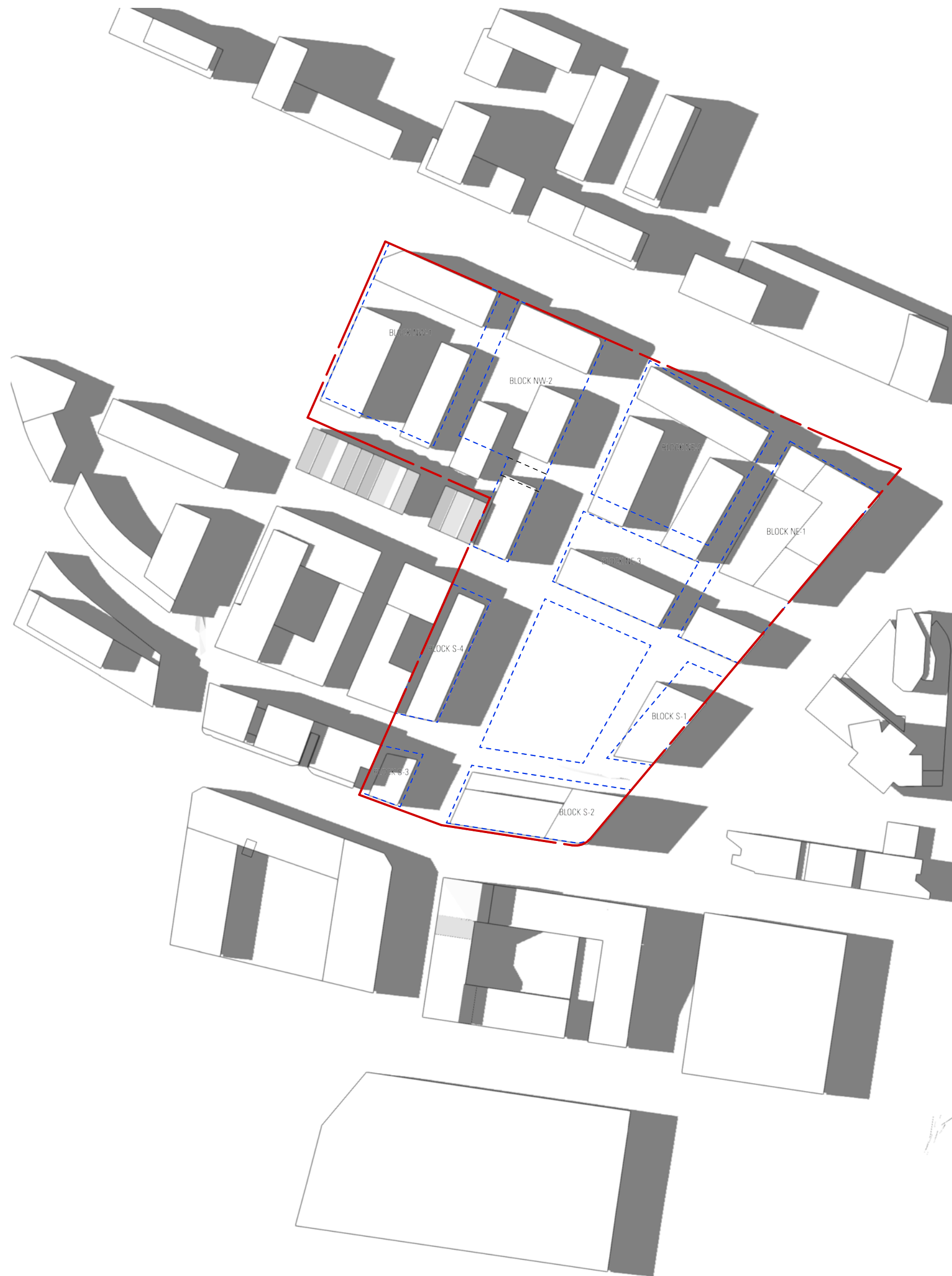
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PROJECT DETAILS
SUTTON SITE
ZETLAND
for
MERITON

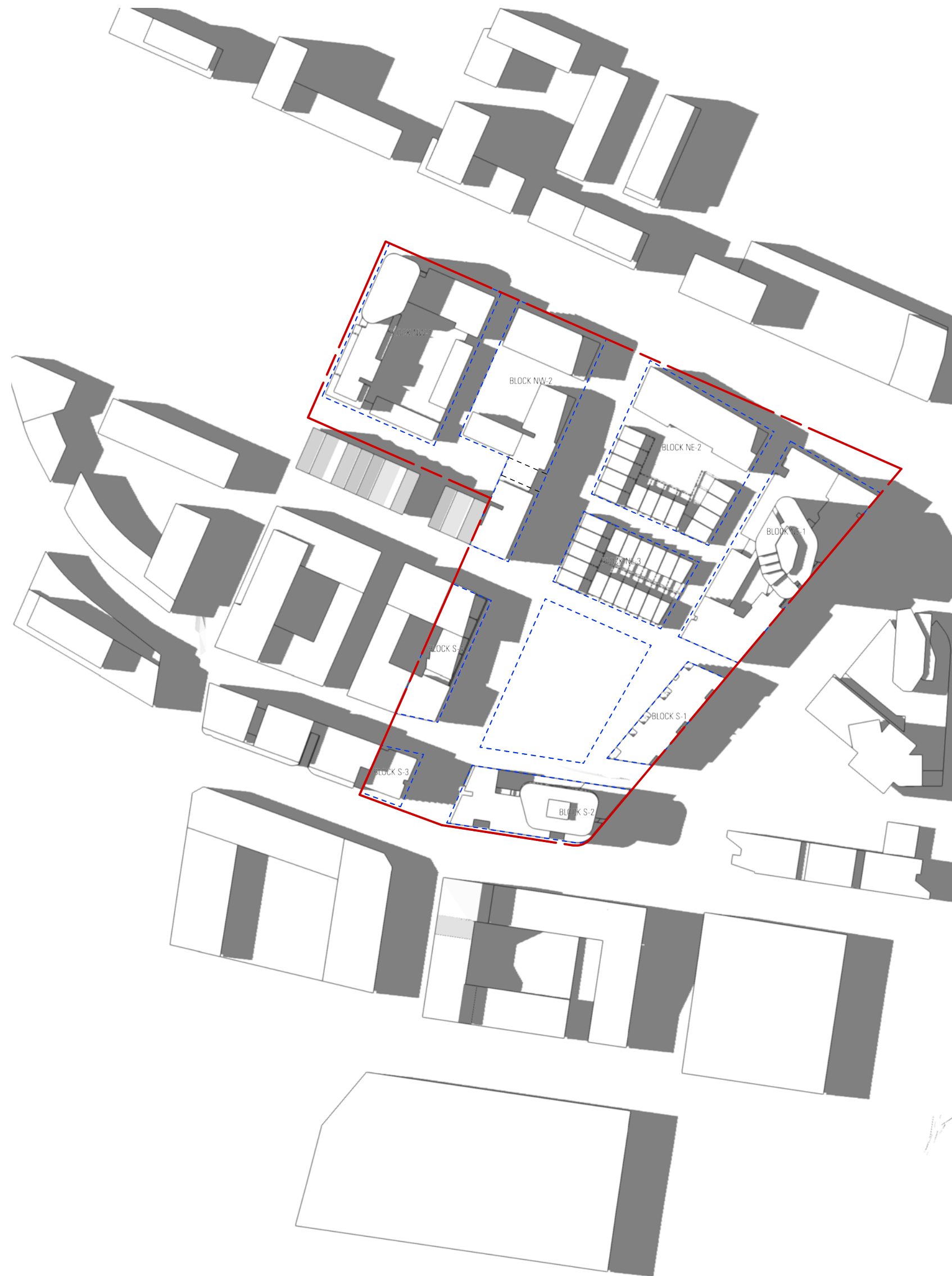
NOTES
all dimensions in millimetres unless otherwise noted
check all dimensions on site prior to construction
work to figured dimensions. do not scale off drawings
to be read in conjunction with the complete documentation package including, but not limited to, all consultant drawings, specifications, reports and consent conditions
report all discrepancies to the project manager

LEGEND

REVISIONS
A 11/7/2022 SUBMISSION 01



LEP HOB Envelopes
21/12 1500



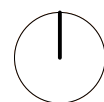
Proposed Envelopes
21/12 1500

SHADOW DIAGRAM SUMMER 1500

2129A 80513 A

STATUS
REFERENCE DESIGN
DATE
11/7/2022

2129_3D_SOLAR STUDIES.vwx



0 10 20 50m

PROJECT DETAILS
SUTTON SITE
ZETLAND
for
MERITON

NOTES
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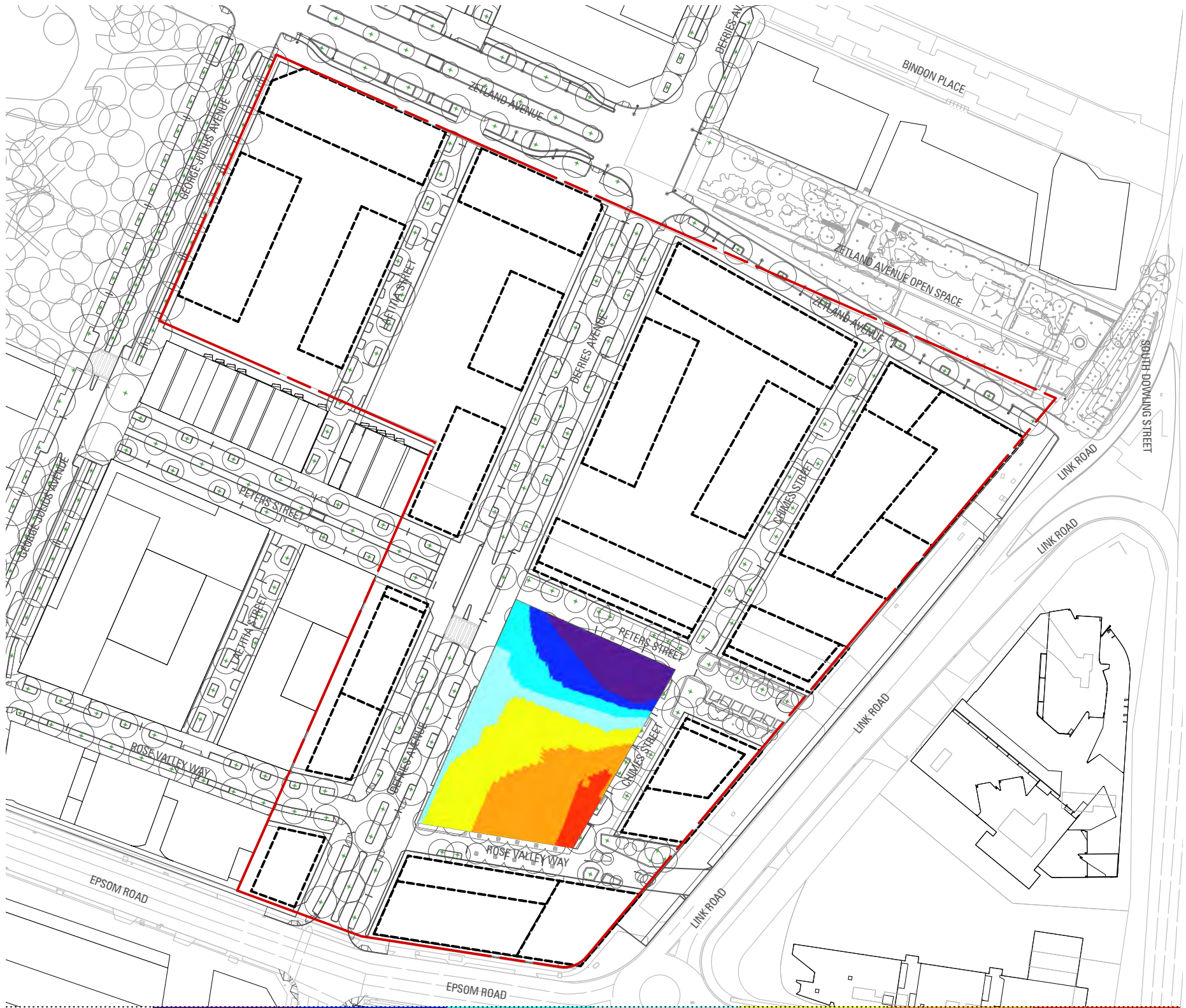
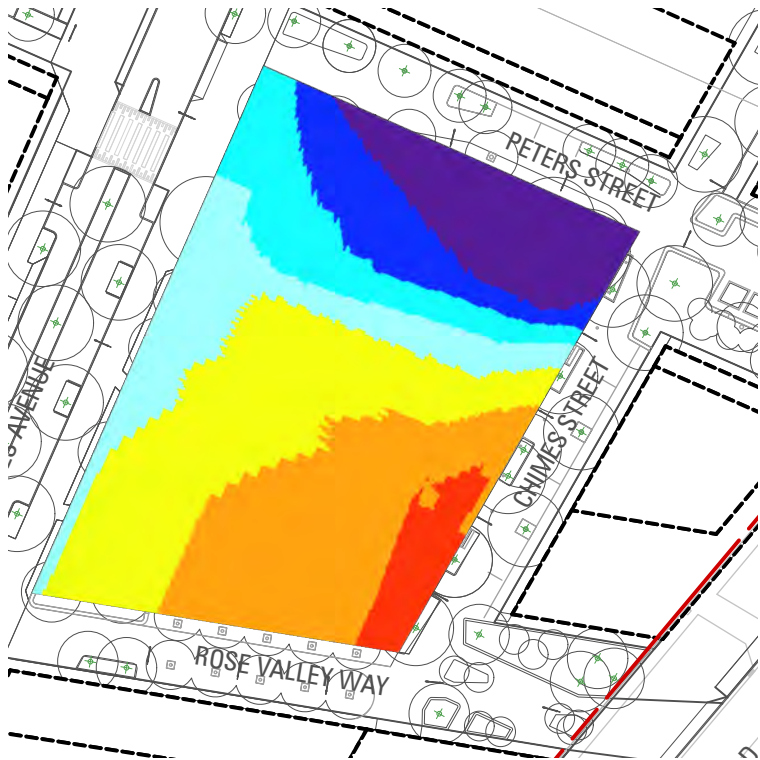
LEGEND

REVISIONS
A 11/7/2022 SUBMISSION 01

SUITE 108
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131-157 LONDON CIRCUIT
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2569[ACT]

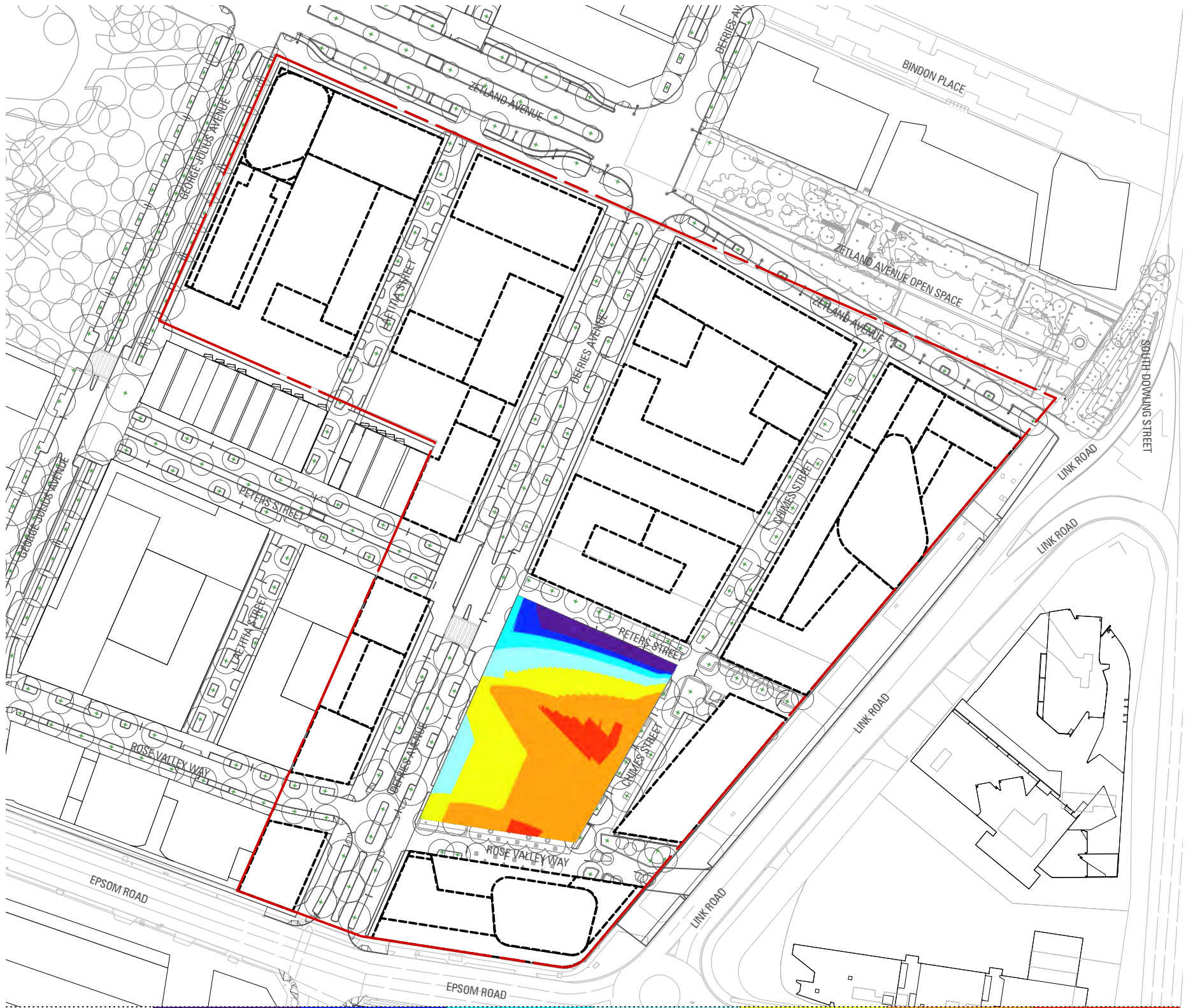
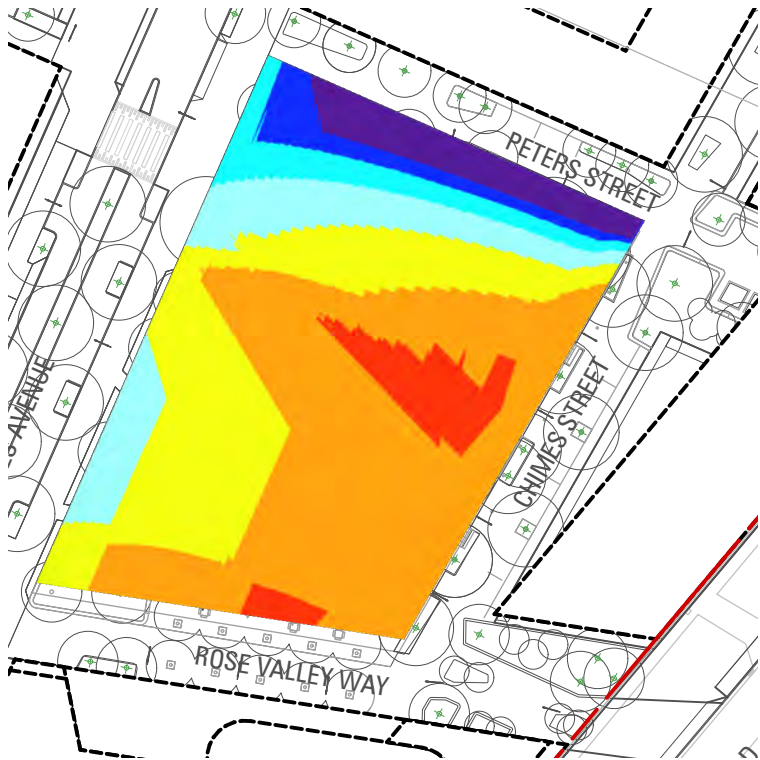
0900-1500h
5 min time steps
North at -1.0 degrees to MGA
100mm sensor grid



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		