



SOLAR ACCESS - LEVEL 1 - MARCH 9 AM



SOLAR ACCESS - LEVEL 1 - MARCH 10 AM



SOLAR ACCESS - LEVEL 1 - MARCH 11 AM



SOLAR ACCESS - LEVEL 1 - MARCH 12 PM

5	RTS RESUBMISSION	27.05.21	JS	PL
4	SSD DA RESUBMISSION	19.03.21	JS	PL
3	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
2	AMENDED SHADOW DIAGRAMS	30.10.20	JS	PL
1	SSD DA RESUBMISSION	19.10.20	JS	PL
Issue	Description	Date	Chk	Auth

ADGarchitects

Suite 3.04, Level 3, 107-109 Mann St, Gosford NSW 2250
Postal Address P.O. BOX 457 Gosford NSW 2250
ph: 02 4312 5110 fax: 02 4312 3113 e:info@adgarchitects.com.au



Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS (UNITS - LEVEL 1) - AUTUMN EQUINOX

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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SSD DA SUBMISSION
NOT TO BE USED DURING CONSTRUCTION

Project Number
19002

Scale
1: 100 @ A3

Drawing Number
DA007.4.0.13A 5

Issue
Date Printed
28/05/2021 11:14:02 AM

File Name
G:\19_002_Todd Campling - Alternative JWD\DA\Revit\UWD_Solar access only(detached).rvt



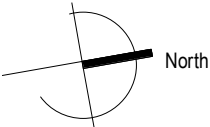
SOLAR ACCESS - LEVEL 1 - MARCH 1 PM



SOLAR ACCESS - LEVEL 1 - MARCH 2 PM



SOLAR ACCESS - LEVEL 1 - MARCH 3 PM





SOLAR ACCESS - LEVEL 4 -MARCH 9 AM



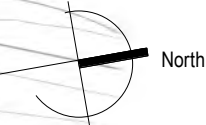
SOLAR ACCESS - LEVEL 4 -MARCH 10 AM



SOLAR ACCESS - LEVEL 4 -MARCH 11 AM



SOLAR ACCESS - LEVEL 4 -MARCH 12 PM



Issue	Description	Date	Chk	Auth
5	RTS RESUBMISSION	27.05.21	JS	PL
4	SSD DA RESUBMISSION	19.03.21	JS	PL
3	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
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1	SSD DA RESUBMISSION	19.10.20	JS	PL

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS (UNITS - LEVEL 4) - AUTUMN
EQUINOX

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number
19002

Scale
1: 100 @ A3

File Name
G:\19_002_Todd Campling - Alternative JWD\DA\Revit\UWD_Solar access only\detached.rvt

Drawing Number
DA007.4.0.14A 5

Issue
Date Printed
28/05/2021 11:18:00 AM



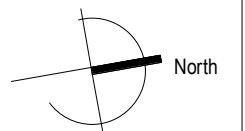
SOLAR ACCESS - LEVEL 4 -MARCH 1 PM



SOLAR ACCESS - LEVEL 4 -MARCH 2 PM



SOLAR ACCESS - LEVEL 4 -MARCH 3 PM



Issue	Description	Date	Chk	Auth
5	RTS RESUBMISSION	27.05.21	JS	PL
4	SSD DA RESUBMISSION	19.03.21	JS	PL
3	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
2	AMENDED SHADOW DIAGRAMS	30.10.20	JS	PL
1	SSD DA RESUBMISSION	19.10.20	JS	PL

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS (UNITS - LEVEL 4) - AUTUMN
EQUINOX

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number
19002
Scale
1 : 100 @ A3

Drawing Number
DA007.4.0.14B 5
Date Printed
28/05/2021 11:19:52 AM

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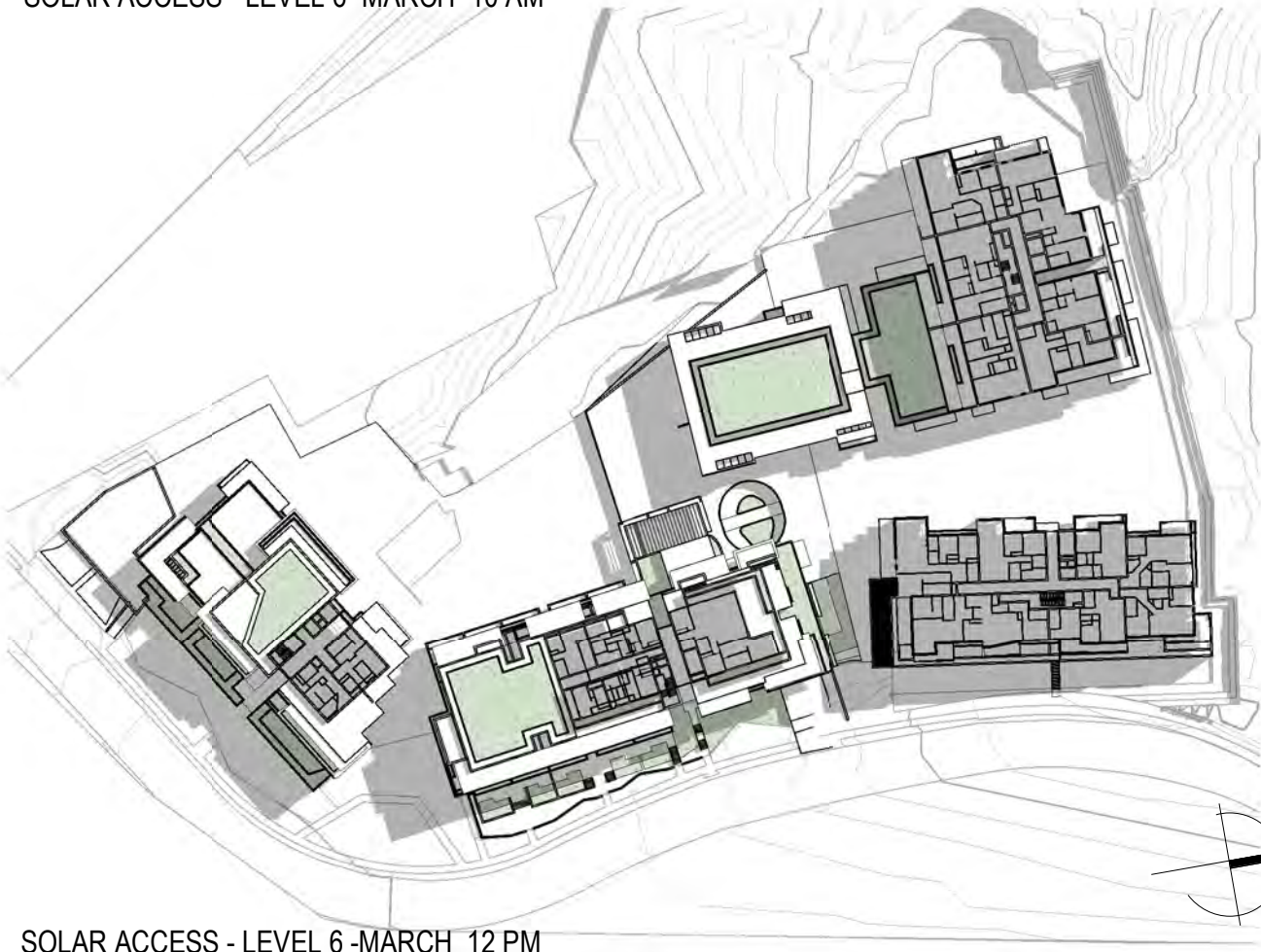
SOLAR ACCESS - LEVEL 6 -MARCH 9 AM



SOLAR ACCESS - LEVEL 6 -MARCH 11 AM



SOLAR ACCESS - LEVEL 6 -MARCH 10 AM



SOLAR ACCESS - LEVEL 6 -MARCH 12 PM



5	RTS RESUBMISSION	27.05.21	JS	PL
4	SSD DA RESUBMISSION	19.03.21	JS	PL
3	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
2	AMENDED SHADOW DIAGRAMS	30.10.20	JS	PL
1	SSD DA RESUBMISSION	19.10.20	JS	PL
Issue	Description	Date	Chk	Auth

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS (UNITS - LEVEL 6) - AUTUMN EQUINOX

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number
19002

Scale
1: 100 @ A3

File Name
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Drawing Number
DA007.4.0.15A 5

Issue
Date Printed
28/05/2021 11:22:36 AM



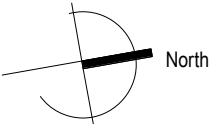
SOLAR ACCESS - LEVEL 6 -MARCH 1 PM



SOLAR ACCESS - LEVEL 6 -MARCH 2 PM



SOLAR ACCESS - LEVEL 6 -MARCH 3 PM



5	RTS RESUBMISSION	27.05.21	JS	PL
4	SSD DA RESUBMISSION	19.03.21	JS	PL
3	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
2	AMENDED SHADOW DIAGRAMS	30.10.20	JS	PL
1	SSD DA RESUBMISSION	19.10.20	JS	PL
Issue	Description	Date	Chk	Auth

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS (UNITS - LEVEL 6) - AUTUMN EQUINOX

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number 19002	Drawing Number DA007.4.0.15B 5	Issue
Scale 1 : 100 @ A3	Date Printed 28/05/2021 11:24:44 AM	
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SOLAR ACCESS - LEVEL 8 - MARCH 9 AM



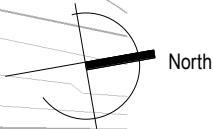
SOLAR ACCESS - LEVEL 8 - MARCH 10 AM



SOLAR ACCESS - LEVEL 8 - MARCH 11 AM



SOLAR ACCESS - LEVEL 8 - MARCH 12 PM



Issue	Description	Date	Chk	Auth
5	RTS RESUBMISSION	27.05.21	JS	PL
4	SSD DA RESUBMISSION	19.03.21	JS	PL
3	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
2	AMENDED SHADOW DIAGRAMS	30.10.20	JS	PL
1	SSD DA RESUBMISSION	19.10.20	JS	PL

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS (UNITS - LEVEL 8) - AUTUMN
EQUINOX

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number
19002

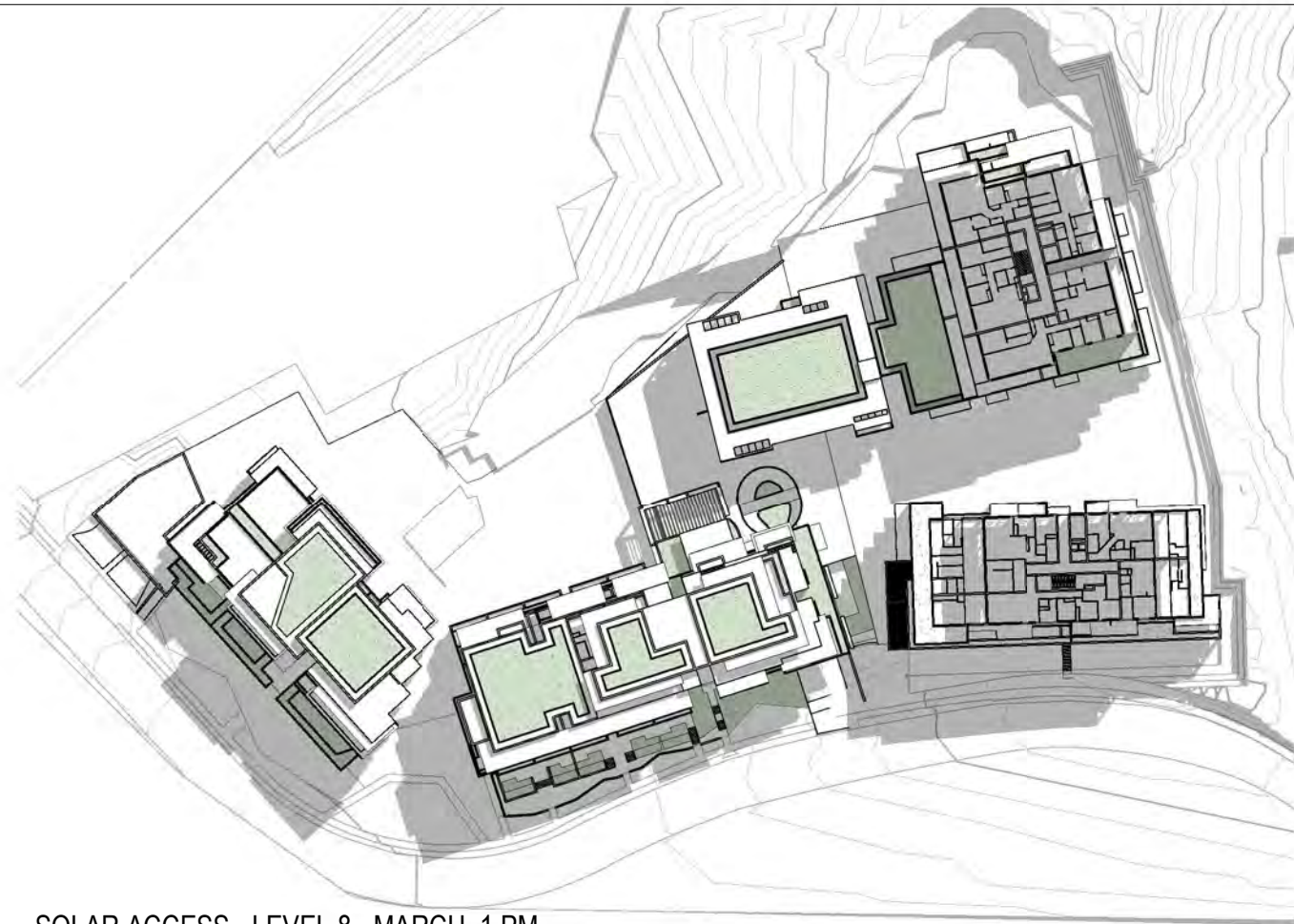
Scale
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File Name
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Drawing Number
DA007.4.0.16A 5

Date Printed
28/05/2021 11:27:41 AM

Issue



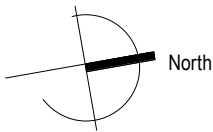
SOLAR ACCESS - LEVEL 8 - MARCH 1 PM



SOLAR ACCESS - LEVEL 8 - MARCH 2 PM



SOLAR ACCESS - LEVEL 8 - MARCH 3 PM



Issue	Description	Date	Chk	Auth
5	RTS RESUBMISSION	27.05.21	JS	PL
4	SSD DA RESUBMISSION	19.03.21	JS	PL
3	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
2	AMENDED SHADOW DIAGRAMS	30.10.20	JS	PL
1	SSD DA RESUBMISSION	19.10.20	JS	PL

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS (UNITS - LEVEL 8) - AUTUMN EQUINOX

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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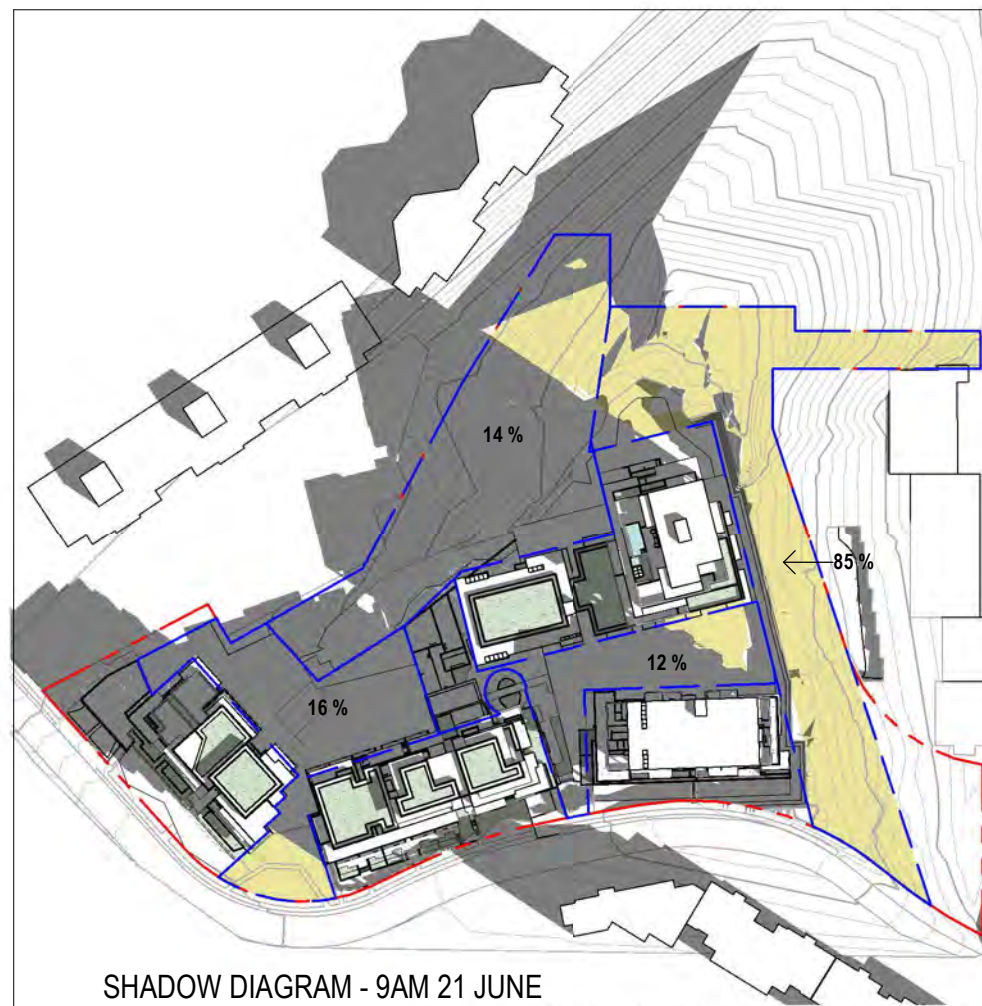
Project Number
19002

Scale
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Drawing Number
DA007.4.0.16B 5

Issue
Date Printed
28/05/2021 11:29:55 AM

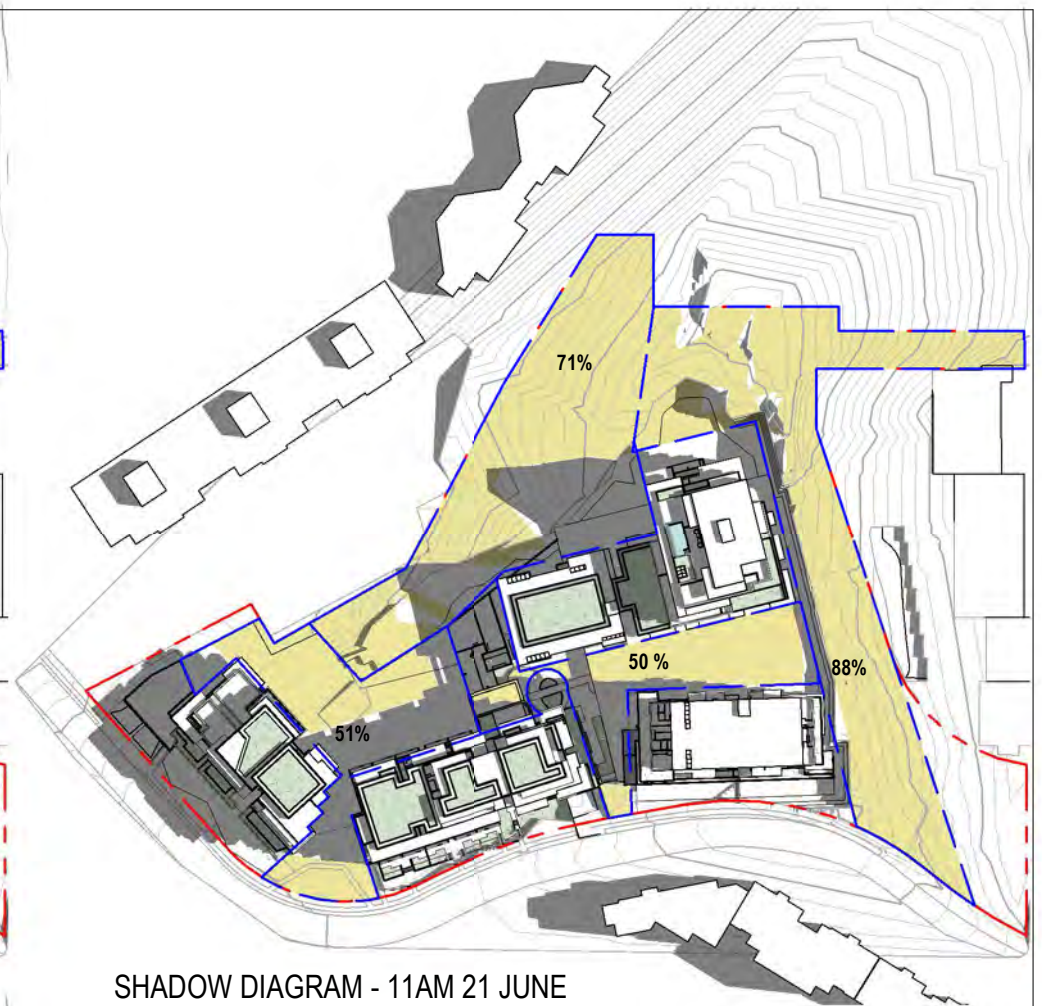
File Name
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SHADOW DIAGRAM - 9AM 21 JUNE



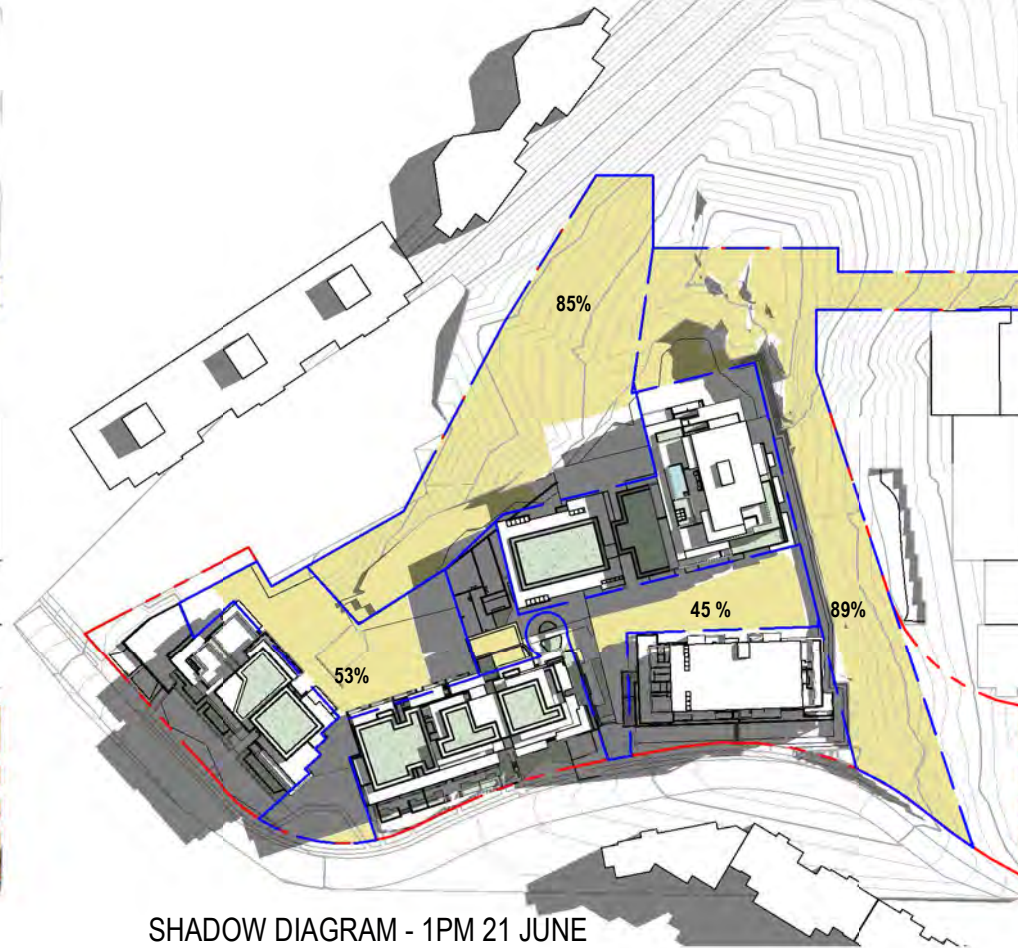
SHADOW DIAGRAM - 10AM 21 JUNE



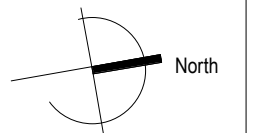
SHADOW DIAGRAM - 11AM 21 JUNE



SHADOW DIAGRAM - 12PM 21 JUNE



SHADOW DIAGRAM - 1PM 21 JUNE

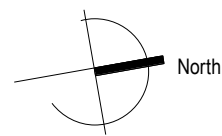




SHADOW DIAGRAM - 2PM 21 JUNE



SHADOW DIAGRAM - 3PM 21 JUNE



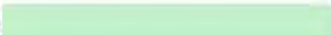
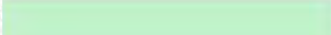


1 SHADOW DIAGRAM - WINTER SUMMARY
DA003.1 1 : 2000

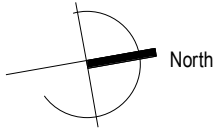
KEY LEGEND

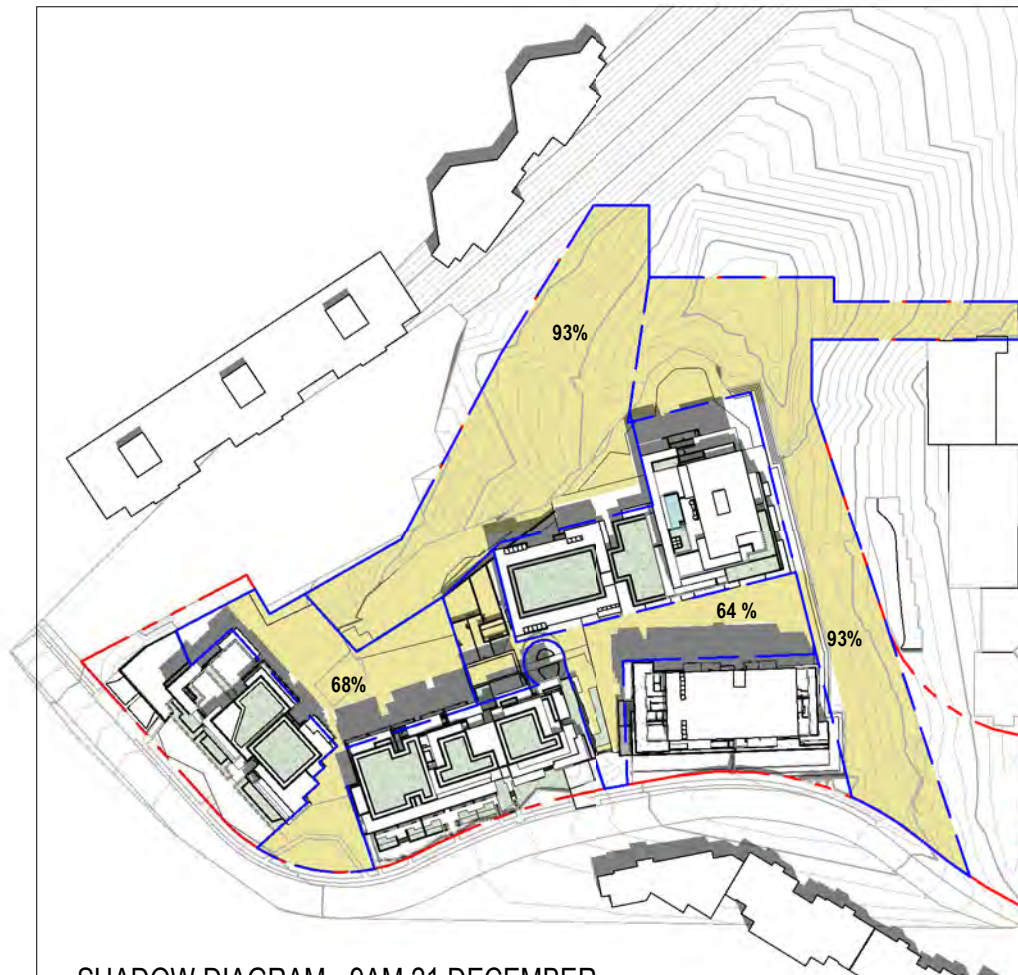
 CALCULATED 'COMMUNAL AREAS' FOR SOLAR ACCESS

 COMPLIED 'COMMUNAL AREAS' SOLAR ACCESS
(RECEIVE AT LEAST 50 % OF SOLAR ACCESS IN THE AREA FOR MINIMUM OF 3 HOURS)

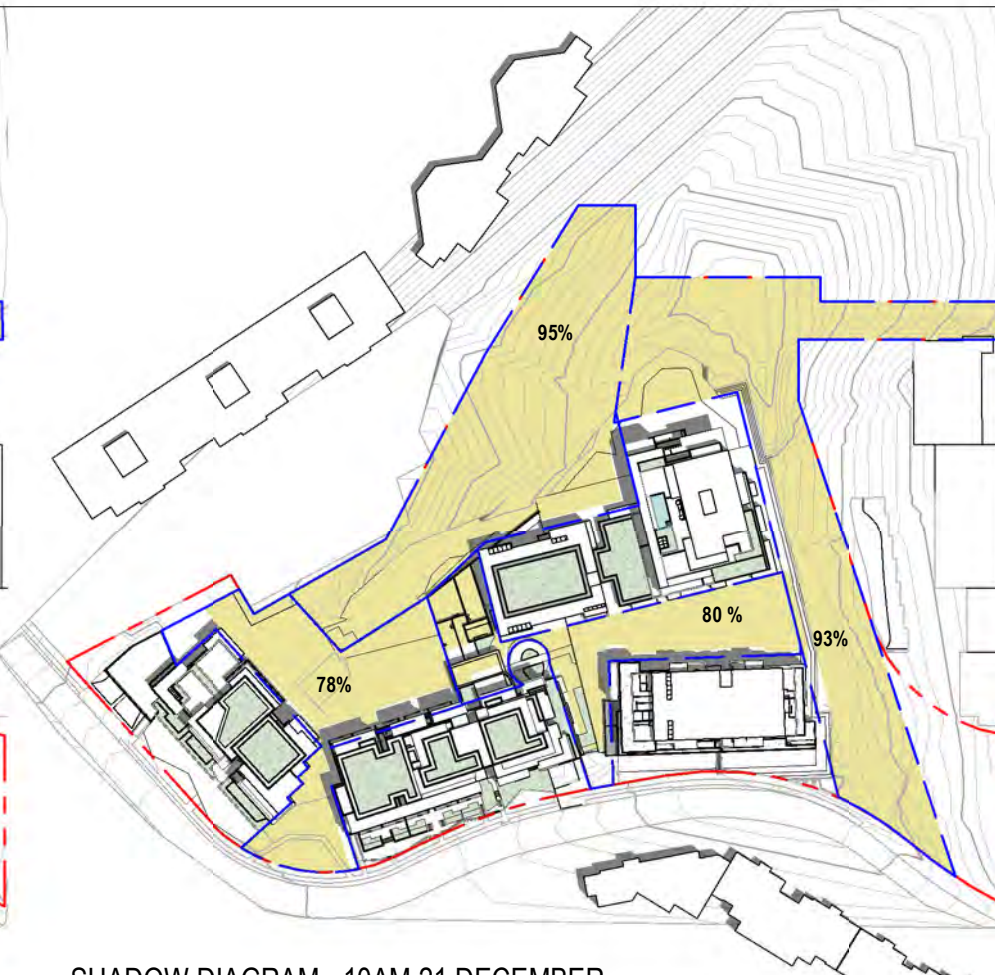
			WINTER	COMPLIES
KEY	TIME	LOCATIONS	% OF AREAS RECEIVE	(MIN. 2 HRS)
A	9AM	LOWER PODIUM	16%	
A	10AM	LOWER PODIUM	33%	
A	11AM	LOWER PODIUM	51%	
A	12PM	LOWER PODIUM	58%	
A	1PM	LOWER PODIUM	53%	
A	2PM	LOWER PODIUM	51%	
A	3PM	LOWER PODIUM	41%	
			YES (3 hours)	
B	9AM	UPPER PODIUM	12%	
B	10AM	UPPER PODIUM	22%	
B	11AM	UPPER PODIUM	50%	
B	12PM	UPPER PODIUM	59%	
B	1PM	UPPER PODIUM	50%	
B	2PM	UPPER PODIUM	21%	
B	3PM	UPPER PODIUM	9%	
			YES (2 hours)	
C	9AM	WESTERN PART OF THE SITE	14%	
C	10AM	WESTERN PART OF THE SITE	43%	
C	11AM	WESTERN PART OF THE SITE	71%	
C	12PM	WESTERN PART OF THE SITE	82%	
C	1PM	WESTERN PART OF THE SITE	85%	
C	2PM	WESTERN PART OF THE SITE	84%	
C	3PM	WESTERN PART OF THE SITE	79%	
			YES (4 hours)	
D	9AM	PUBLIC WALKWAY	85%	
D	10AM	PUBLIC WALKWAY	86%	
D	11AM	PUBLIC WALKWAY	88%	
D	12PM	PUBLIC WALKWAY	92%	
D	1PM	PUBLIC WALKWAY	89%	
D	2PM	PUBLIC WALKWAY	88%	
D	3PM	PUBLIC WALKWAY	81%	
			Yes (6 hours)	

OVERALL : 4 OUT OF 4 COMMUNAL AREAS ARE
COMPLIED WITH SOLAR ACCESS IN WINTER (100%)

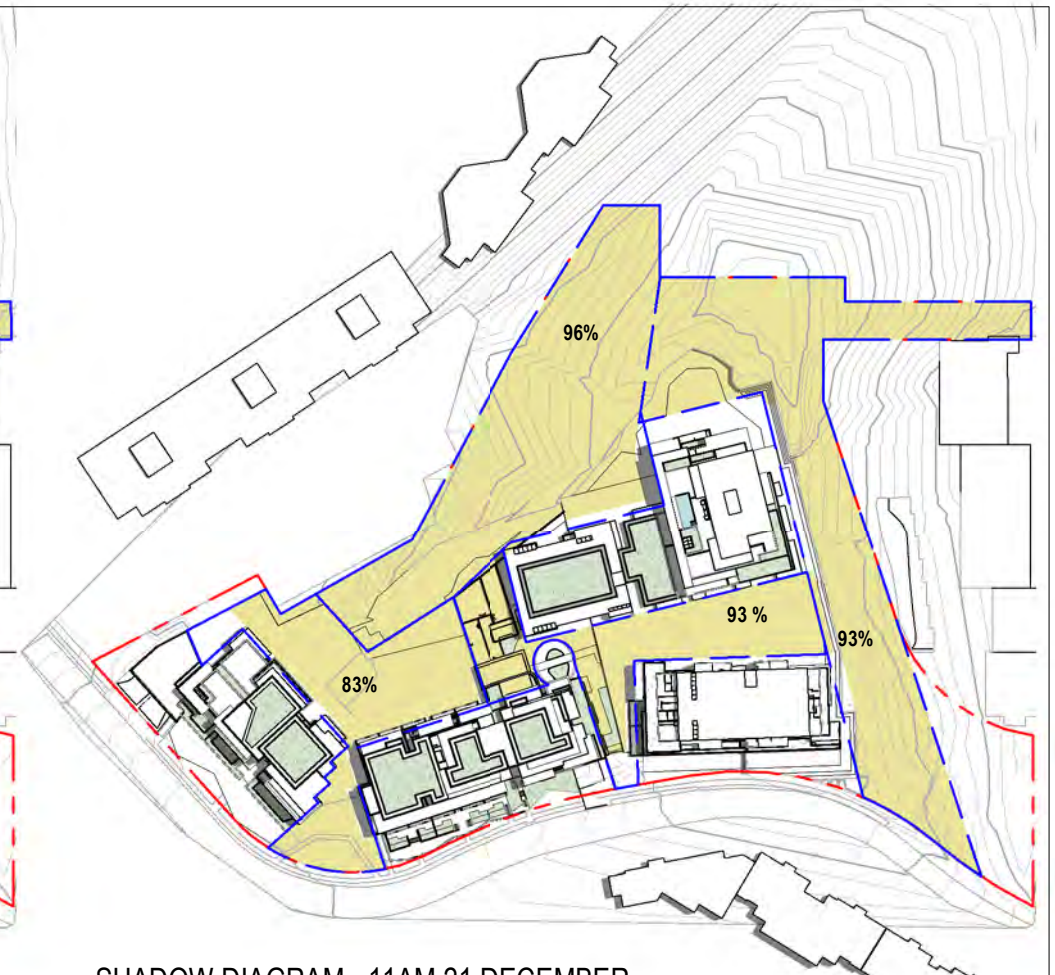




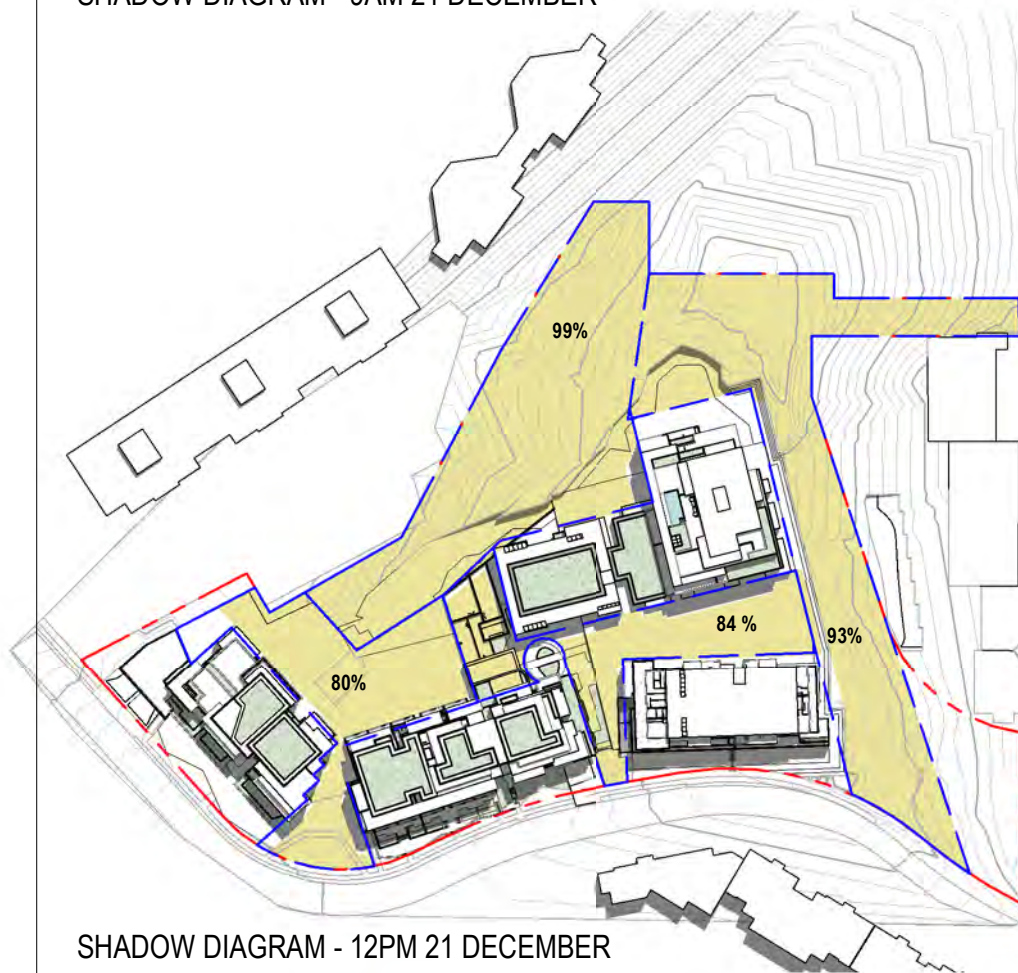
SHADOW DIAGRAM - 9AM 21 DECEMBER



SHADOW DIAGRAM - 10AM 21 DECEMBER



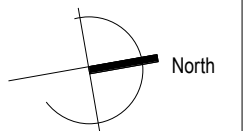
SHADOW DIAGRAM - 11AM 21 DECEMBER



SHADOW DIAGRAM - 12PM 21 DECEMBER



SHADOW DIAGRAM - 1PM 21 DECEMBER



7	RTS RESUBMISSION	27.05.21	JS	PL
6	SSD DA RESUBMISSION	19.03.21	JS	PL
5	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
4	SSD DA RESUBMISSION	19.10.20	JS	PL
3	SSD DA RESUBMISSION	25.08.20	JS	PL
2	ISSUE FOR CONSULTANT RESPONSE TO SUBMISSION (3rd)	16.07.20	JS	PL, SC
1	RESPONSE TO SUBMISSIONS (2nd)	14.07.20	JS	PL, SC
Issue	Description	Date	Chk	Auth

ADG architects

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS (COMMUNAL) - SUMMER
SOLSTICE - OVERALL

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number
19002
Scale
As indicated @ A3

Drawing Number
DA007.4.2.1
Issue
7
Date Printed
28/05/2021 11:33:59 AM

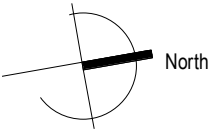
File Name
G:\19_002_Todd Campling - Alternative JWD\DA\Revit\UWD_Solar access only(detached).rvt



SHADOW DIAGRAM - 2PM 21 DECEMBER



SHADOW DIAGRAM - 3PM 21 DECEMBER



Issue	Description	Date	Chk	Auth
5	RTS RESUBMISSION	27.05.21	JS	PL
4	SSD DA RESUBMISSION	19.03.21	JS	PL
3	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
2	SSD DA RESUBMISSION	19.10.20	JS	PL
1	SSD DA RESUBMISSION	26.08.20	JS	PL

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS (COMMUNAL) - SUMMER
SOLSTICE - OVERALL

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number 19002	Drawing Number DA007.4.2.2	Issue 5
Scale As indicated @ A3	Date Printed 28/05/2021 11:34:34 AM	
File Name G:\19_002_Todd Campling - Alternative JWD\DA\Revit\UWD_Solar access only(detached).rvt		

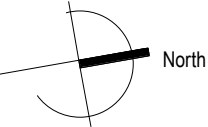


			SUMMER	COMPLIES
KEY	TIME	LOCATIONS	% OF AREAS RECEIVE	(MIN. 2 HRS)
A	9AM	LOWER PODIUM	68%	YES (6 hours)
A	10AM	LOWER PODIUM	78%	
A	11AM	LOWER PODIUM	83%	
A	12PM	LOWER PODIUM	80%	
A	1PM	LOWER PODIUM	75%	
A	2PM	LOWER PODIUM	67%	
A	3PM	LOWER PODIUM	61%	
B	9AM	UPPER PODIUM	64%	YES (4 hours)
B	10AM	UPPER PODIUM	80%	
B	11AM	UPPER PODIUM	93%	
B	12PM	UPPER PODIUM	84%	
B	1PM	UPPER PODIUM	67%	
B	2PM	UPPER PODIUM	46%	
B	3PM	UPPER PODIUM	35%	
C	9AM	WESTERN PART OF THE SITE	93%	YES (6 hours)
C	10AM	WESTERN PART OF THE SITE	95%	
C	11AM	WESTERN PART OF THE SITE	96%	
C	12PM	WESTERN PART OF THE SITE	99%	
C	1PM	WESTERN PART OF THE SITE	100%	
C	2PM	WESTERN PART OF THE SITE	100%	
C	3PM	WESTERN PART OF THE SITE	100%	
D	9AM	PUBLIC WALKWAY	93%	Yes (6 hours)
D	10AM	PUBLIC WALKWAY	93%	
D	11AM	PUBLIC WALKWAY	93%	
D	12PM	PUBLIC WALKWAY	93%	
D	1PM	PUBLIC WALKWAY	93%	
D	2PM	PUBLIC WALKWAY	93%	
D	3PM	PUBLIC WALKWAY	93%	

OVERALL : 4 OUT OF 4 COMMUNAL AREAS ARE COMPLIED WITH SOLAR ACCESS IN WINTER (100%)

KEY LEGEND

- CALCULATED 'COMMUNAL AREAS' FOR SOLAR ACCESS
- COMPLIED 'COMMUNAL AREAS' SOLAR ACCESS
(RECEIVE AT LEAST 50 % OF SOLAR ACESS IN THE AREA FOR MINIMUM OF 3 HOURS)



7	RTS RESUBMISSION	27.05.21	JS	PL
6	SSD DA RESUBMISSION	19.03.21	JS	PL
5	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
4	SSD DA RESUBMISSION	19.10.20	JS	PL
3	SSD DA RESUBMISSION	25.08.20	JS	PL
2	ISSUE FOR CONSULTANT RESPONSE TO SUBMISSION (3rd)	16.07.20	JS	PL,SC
1	RESPONSE TO SUBMISSIONS (2nd)	14.07.20	JS	PL,SC
Issue	Description	Date	Chk	Auth

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Member Australian Institute of Architects

Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS (COMMUNAL) - SUMMER SOLSTICE - SUMMARY

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number
19002

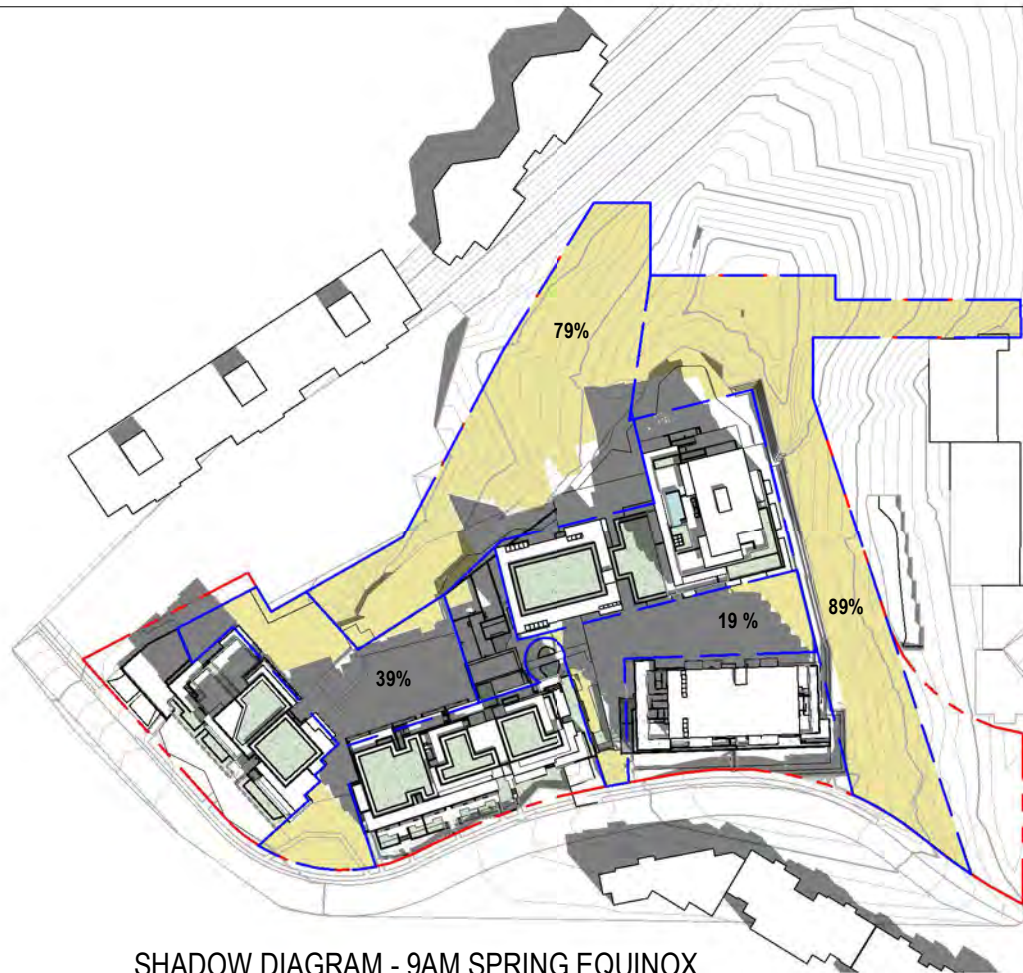
Scale
As indicated @ A3

Drawing Number
DA007.4.2.3

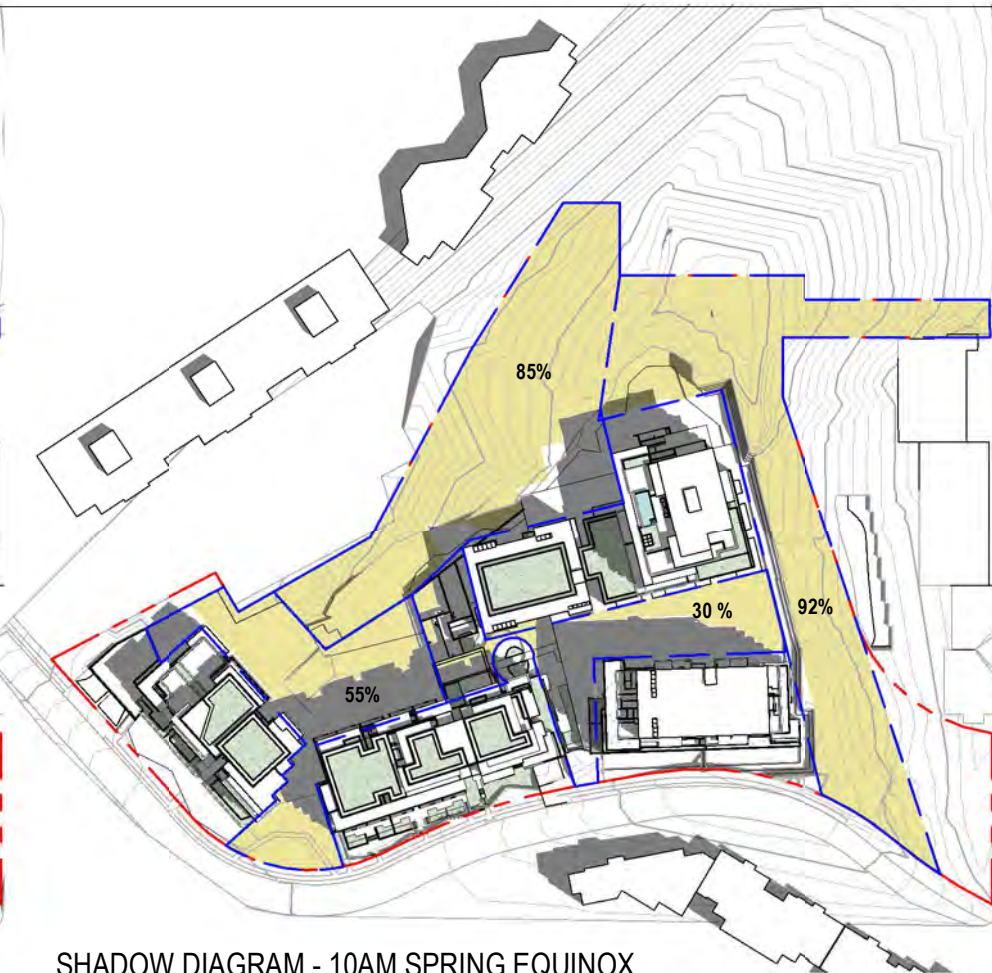
Issue
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Date Printed
28/05/2021 11:34:54 AM

File Name
G:\19_002_Todd Campling - Alternative JWD\DA\Revit\UWD_Solar access only(detached).rvt



SHADOW DIAGRAM - 9AM SPRING EQUINOX



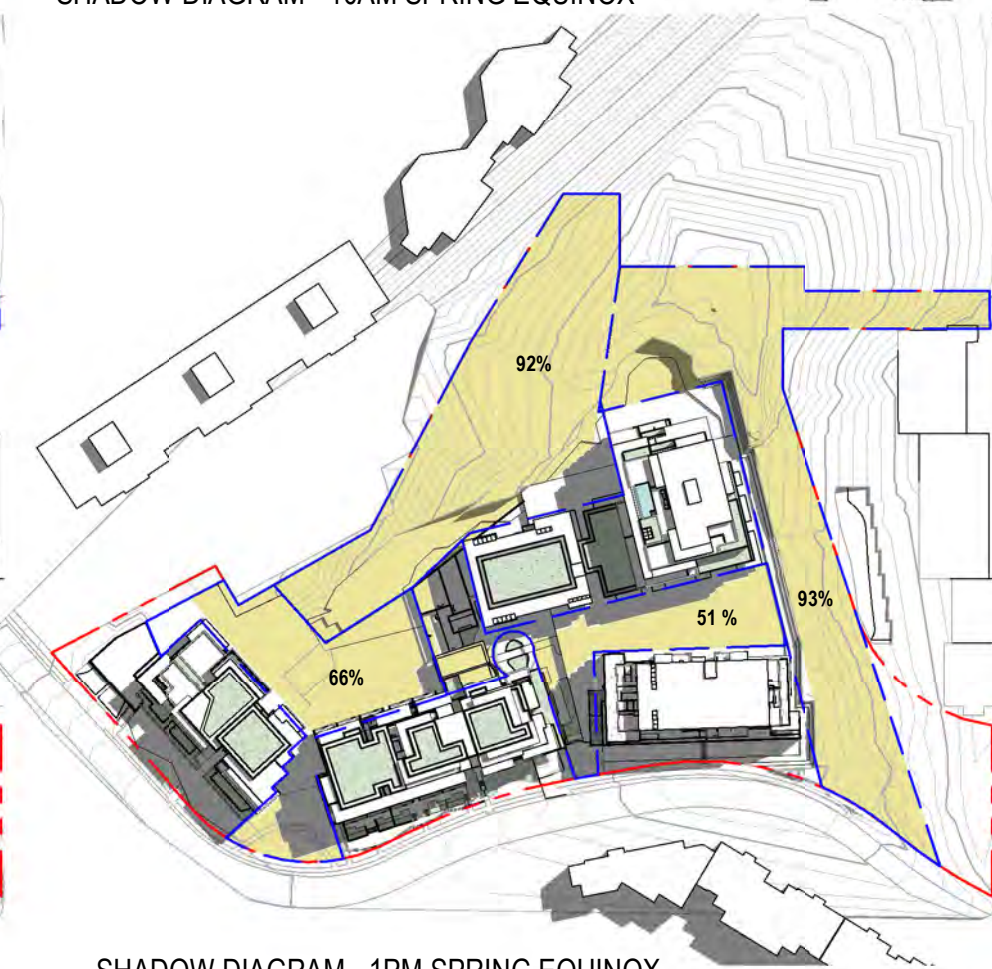
SHADOW DIAGRAM - 10AM SPRING EQUINOX



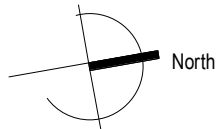
SHADOW DIAGRAM - 11AM SPRING EQUINOX



SHADOW DIAGRAM - 12PM SPRING EQUINOX



SHADOW DIAGRAM - 1PM SPRING EQUINOX



7	RTS RESUBMISSION	27.05.21	JS	PL
6	SSD DA RESUBMISSION	19.03.21	JS	PL
5	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
4	SSD DA RESUBMISSION	19.10.20	JS	PL
3	SSD DA RESUBMISSION	25.08.20	JS	PL
2	ISSUE FOR CONSULTANT RESPONSE TO SUBMISSION (3rd)	16.07.20	JS	PL, SC
1	RESPONSE TO SUBMISSIONS (2nd)	14.07.20	JS	PL, SC
Issue	Description	Date	Chk	Auth

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS (COMMUNAL) - SPRING EQUINOX
- OVERALL

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number
19002
Scale
As indicated @ A3

Drawing Number
DA007.4.3.1
Date Printed
28/05/2021 11:36:26 AM
Issue
7

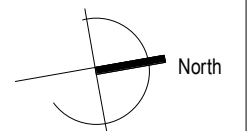
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SHADOW DIAGRAM - 2PM SPRING EQUINOX



SHADOW DIAGRAM - 3PM SPRING EQUINOX



Issue	Description	Date	Chk	Auth
5	RTS RESUBMISSION	27.05.21	JS	PL
4	SSD DA RESUBMISSION	19.03.21	JS	PL
3	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
2	SSD DA RESUBMISSION	19.10.20	JS	PL
1	SSD DA RESUBMISSION	25.08.20	JS	PL

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS (COMMUNAL) - SPRING EQUINOX
- OVERALL

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number
19002

Scale
As indicated @ A3

Drawing Number
DA007.4.3.2

Issue
5

Date Printed
28/05/2021 11:37:03 AM

File Name
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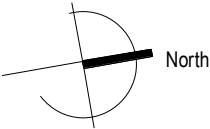


1 SHADOW DIAGRAM - SPRING SUMMARY
DA003.1 1 : 2000

- KEY LEGEND
- CALCULATED 'COMMUNAL AREAS' FOR SOLAR ACCESS
 - COMPLIED 'COMMUNAL AREAS' SOLAR ACCESS (RECEIVE AT LEAST 50 % OF SOLAR ACCESS IN THE AREA FOR MINIMUM OF 3 HOURS)

			SPRING	COMPLIES
KEY	TIME	LOCATIONS	% OF AREAS RECEIVE (MIN. 2 HRS)	
A	9AM	LOWER PODIUM	39%	YES (5 hours)
A	10AM	LOWER PODIUM	55%	
A	11AM	LOWER PODIUM	64%	
A	12PM	LOWER PODIUM	70%	
A	1PM	LOWER PODIUM	66%	
A	2PM	LOWER PODIUM	63%	
A	3PM	LOWER PODIUM	61%	
B	9AM	UPPER PODIUM	19%	YES (2 hour)
B	10AM	UPPER PODIUM	30%	
B	11AM	UPPER PODIUM	62%	
B	12PM	UPPER PODIUM	69%	
B	1PM	UPPER PODIUM	51%	
B	2PM	UPPER PODIUM	30%	
B	3PM	UPPER PODIUM	20%	
C	9AM	WESTERN PART OF THE SITE	79%	YES (6 hours)
C	10AM	WESTERN PART OF THE SITE	85%	
C	11AM	WESTERN PART OF THE SITE	88%	
C	12PM	WESTERN PART OF THE SITE	90%	
C	1PM	WESTERN PART OF THE SITE	92%	
C	2PM	WESTERN PART OF THE SITE	92%	
C	3PM	WESTERN PART OF THE SITE	87%	
D	9AM	PUBLIC WALKWAY	89%	Yes (6 hours)
D	10AM	PUBLIC WALKWAY	92%	
D	11AM	PUBLIC WALKWAY	93%	
D	12PM	PUBLIC WALKWAY	93%	
D	1PM	PUBLIC WALKWAY	93%	
D	2PM	PUBLIC WALKWAY	93%	
D	3PM	PUBLIC WALKWAY	93%	

OVERALL : 4 OUT OF 4 COMMUNAL AREAS ARE COMPLIED WITH SOLAR ACCESS IN WINTER (100%)



7	RTS RESUBMISSION	27.05.21	JS	PL
6	SSD DA RESUBMISSION	19.03.21	JS	PL
5	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
4	SSD DA RESUBMISSION	19.10.20	JS	PL
3	SSD DA RESUBMISSION	25.08.20	JS	PL
2	ISSUE FOR CONSULTANT RESPONSE TO SUBMISSION (3rd)	16.07.20	JS	PL,SC
1	RESPONSE TO SUBMISSIONS (2nd)	14.07.20	JS	PL,SC
Issue	Description	Date	Chk	Auth

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS (COMMUNAL) - SPRING EQUINOX - SUMMARY

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number
19002

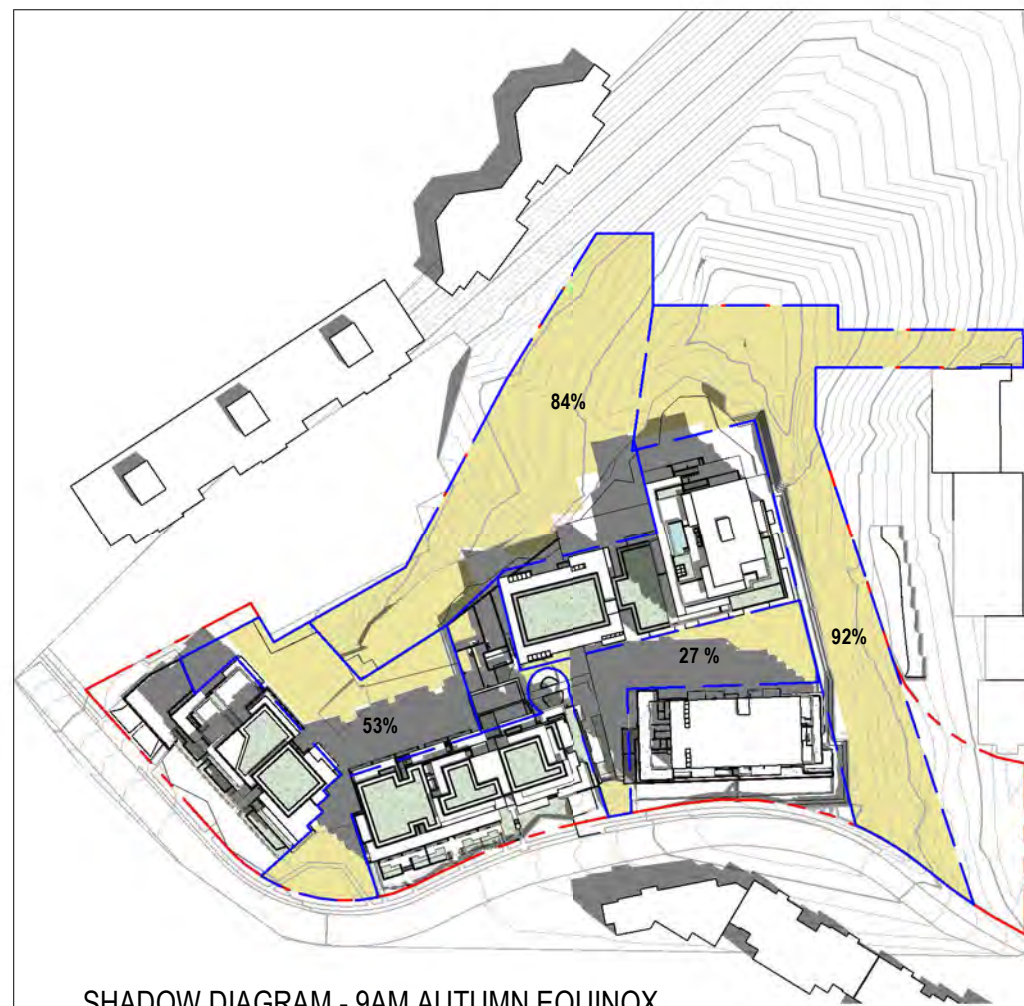
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Drawing Number
DA007.4.3.3

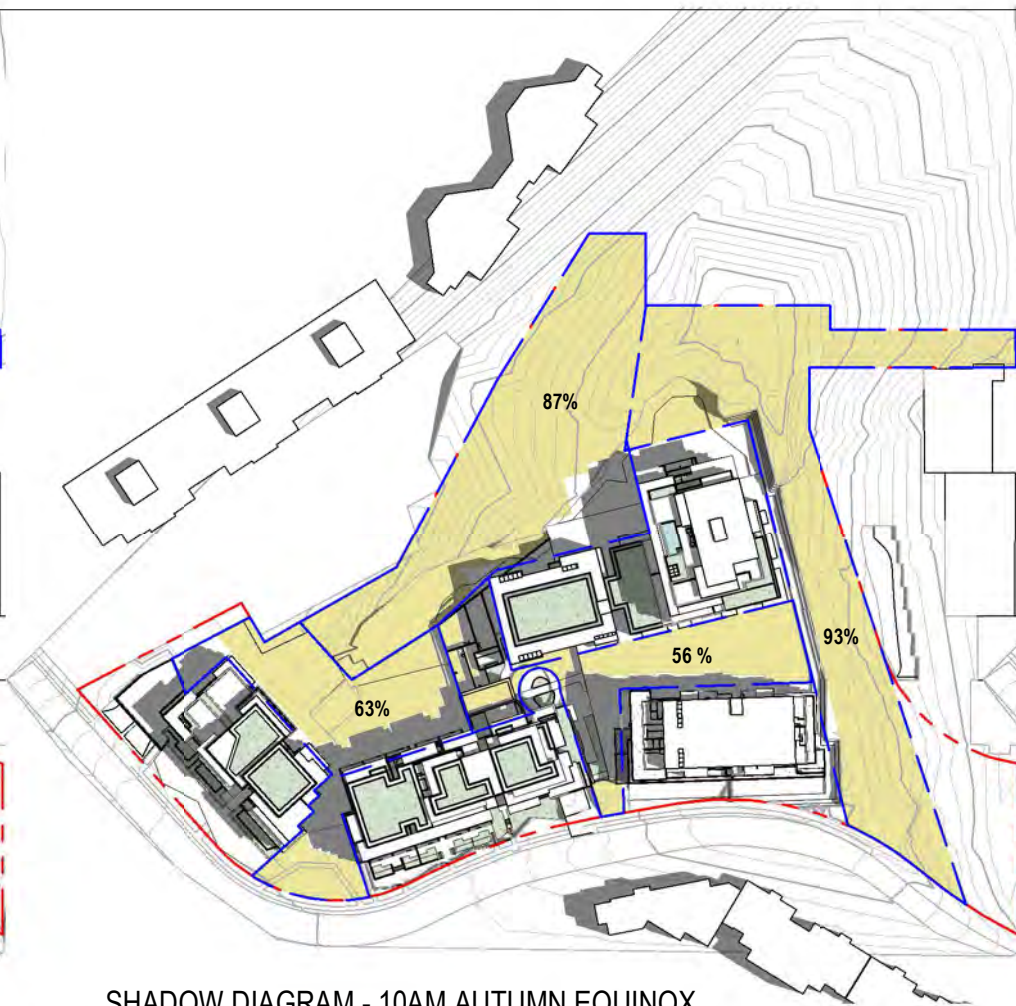
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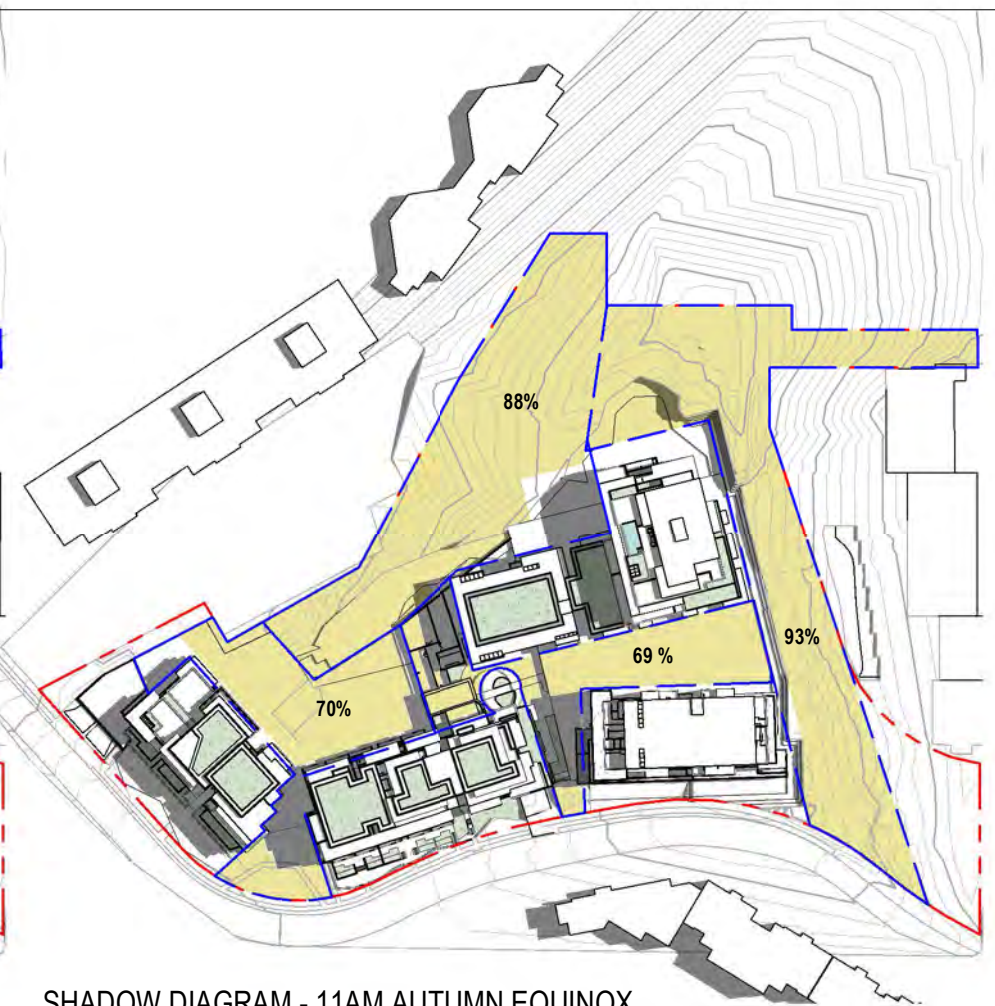
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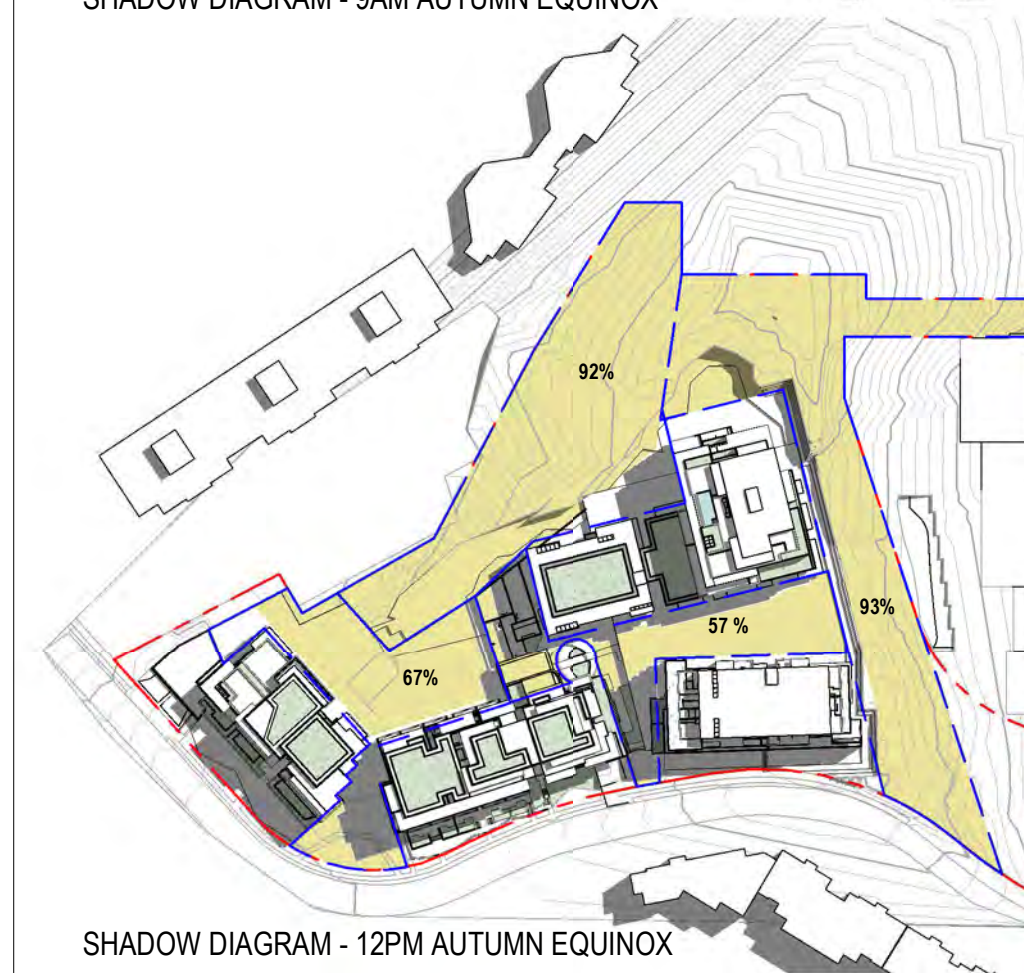
SHADOW DIAGRAM - 9AM AUTUMN EQUINOX



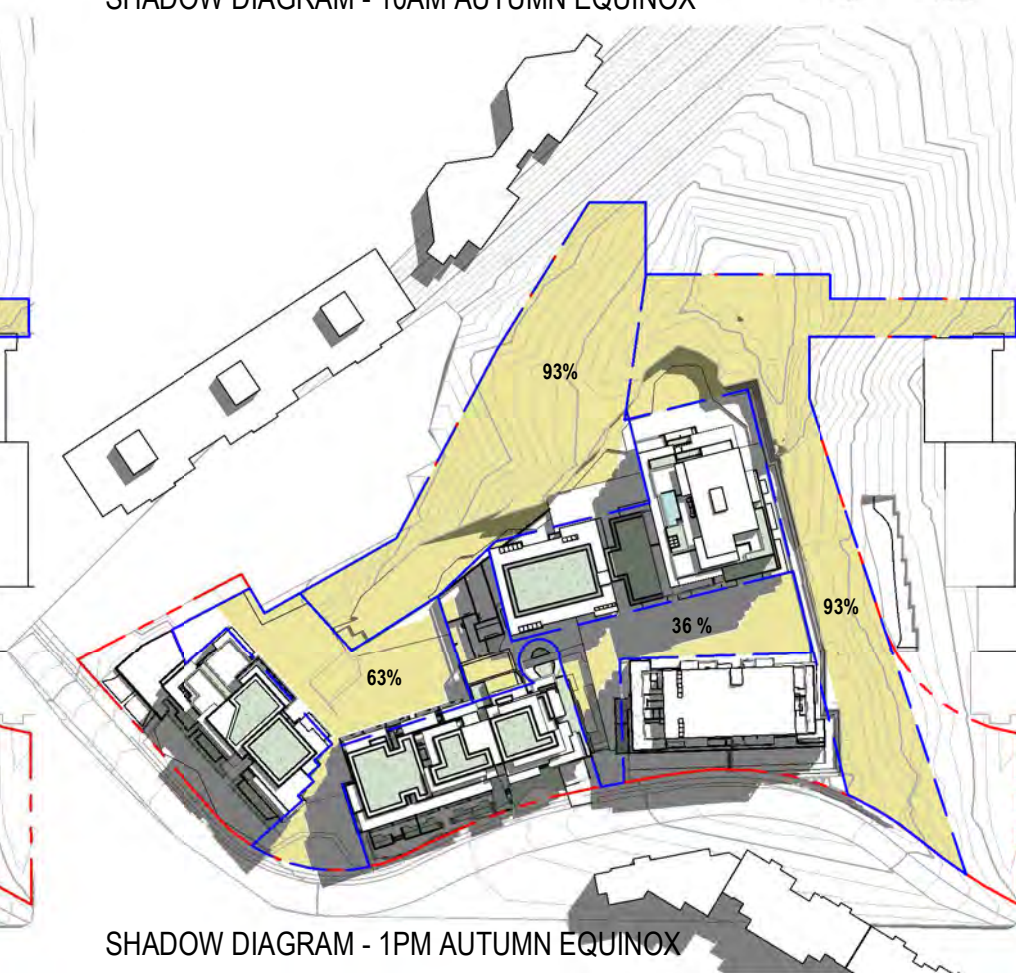
SHADOW DIAGRAM - 10AM AUTUMN EQUINOX



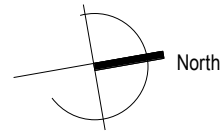
SHADOW DIAGRAM - 11AM AUTUMN EQUINOX



SHADOW DIAGRAM - 12PM AUTUMN EQUINOX



SHADOW DIAGRAM - 1PM AUTUMN EQUINOX

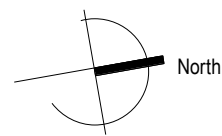




SHADOW DIAGRAM - 2PM AUTUMN EQUINOX



SHADOW DIAGRAM - 3PM AUTUMN EQUINOX



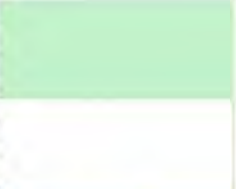


1 SHADOW DIAGRAM - AUTUMN SUMMARY
DA003.1 1 : 2000

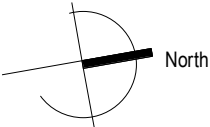
KEY LEGEND

 CALCULATED 'COMMUNAL AREAS' FOR SOLAR ACCESS

 COMPLIED 'COMMUNAL AREAS' SOLAR ACCESS
(RECEIVE AT LEAST 50 % OF SOLAR ACCESS IN THE AREA FOR MINIMUM OF 3 HOURS)

			AUTUMN	COMPLIES
KEY	TIME	LOCATIONS	% OF AREAS RECEIVE	(MIN. 2 HRS)
A	9AM	LOWER PODIUM	53%	
A	10AM	LOWER PODIUM	63%	
A	11AM	LOWER PODIUM	70%	
A	12PM	LOWER PODIUM	67%	
A	1PM	LOWER PODIUM	63%	
A	2PM	LOWER PODIUM	61%	
A	3PM	LOWER PODIUM	56%	YES (6 hours)
B	9AM	UPPER PODIUM	27%	
B	10AM	UPPER PODIUM	56%	
B	11AM	UPPER PODIUM	69%	
B	12PM	UPPER PODIUM	57%	
B	1PM	UPPER PODIUM	36%	
B	2PM	UPPER PODIUM	22%	
B	3PM	UPPER PODIUM	15%	YES (2 hours)
C	9AM	WESTERN PART OF THE SITE	84%	
C	10AM	WESTERN PART OF THE SITE	87%	
C	11AM	WESTERN PART OF THE SITE	88%	
C	12PM	WESTERN PART OF THE SITE	92%	
C	1PM	WESTERN PART OF THE SITE	93%	
C	2PM	WESTERN PART OF THE SITE	87%	
C	3PM	WESTERN PART OF THE SITE	87%	YES (6 hours)
D	9AM	PUBLIC WALKWAY	92%	
D	10AM	PUBLIC WALKWAY	93%	
D	11AM	PUBLIC WALKWAY	93%	
D	12PM	PUBLIC WALKWAY	93%	
D	1PM	PUBLIC WALKWAY	93%	
D	2PM	PUBLIC WALKWAY	93%	
D	3PM	PUBLIC WALKWAY	93%	YES (6 hours)

OVERALL : 4 OUT OF 4 COMMUNAL AREAS ARE
COMPLIED WITH SOLAR ACCESS IN WINTER (100%)



Issue	Description	Date	Chk	Auth
6	RTS RESUBMISSION	27.05.21	JS	PL
5	SSD DA RESUBMISSION	19.03.21	JS	PL
4	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
3	SSD DA RESUBMISSION	19.10.20	JS	PL
2	SSD DA RESUBMISSION	25.08.20	JS	PL
1	RESPONSE TO SUBMISSIONS (2nd)	14.07.20	JS	PL,SC

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS (COMMUNAL) - AUTUMN
EQUINOX - SUMMARY

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number
19002

Scale
As indicated @ A3

Drawing Number
DA007.4.4.3

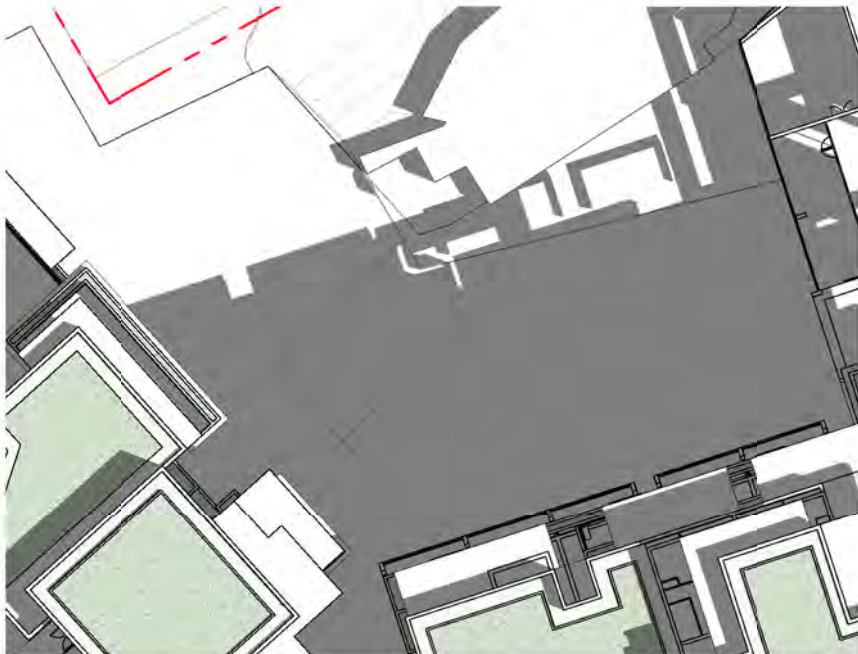
Issue
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Date Printed
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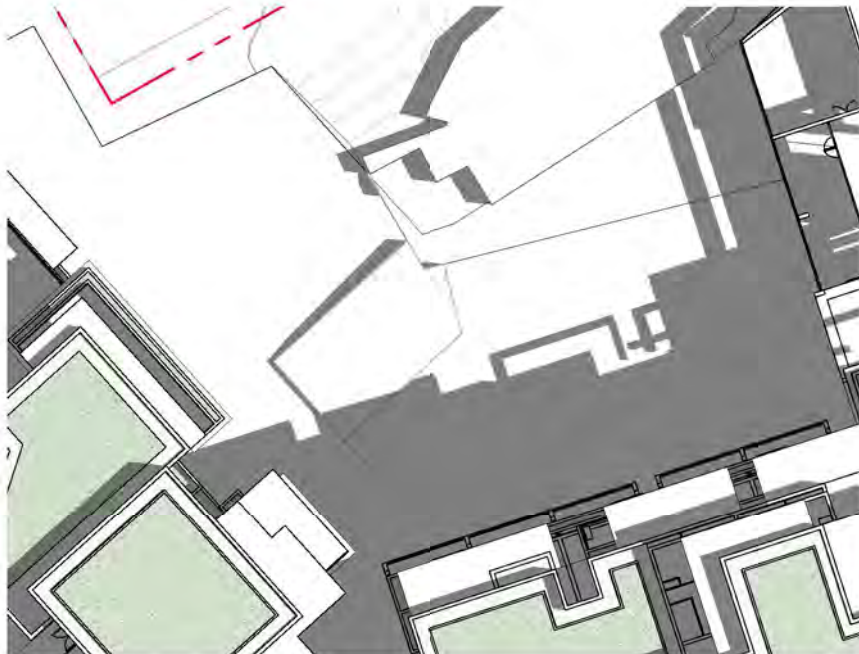
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COMMUNAL - LOWER PODIUM - WINTER - 9 am



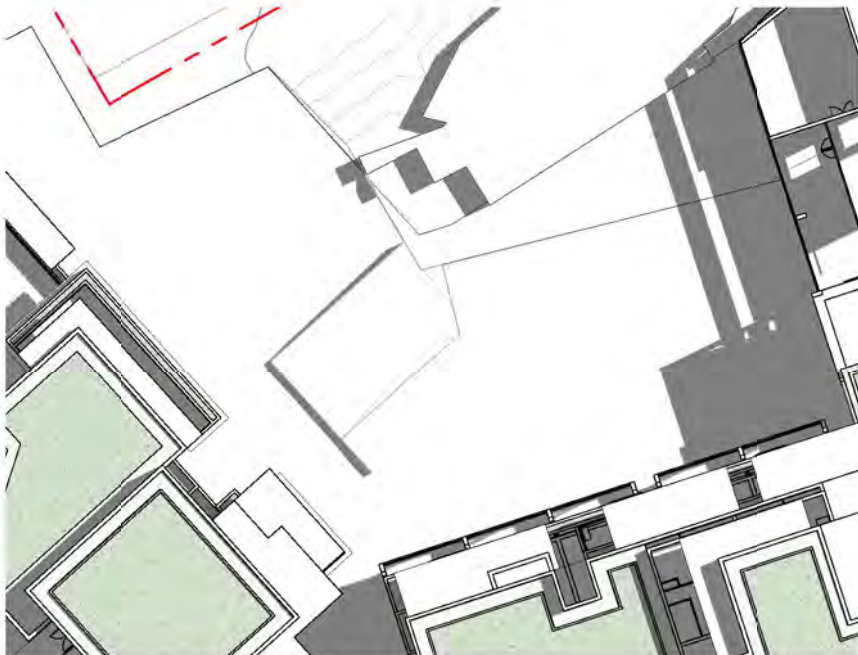
COMMUNAL - LOWER PODIUM - WINTER - 10 am



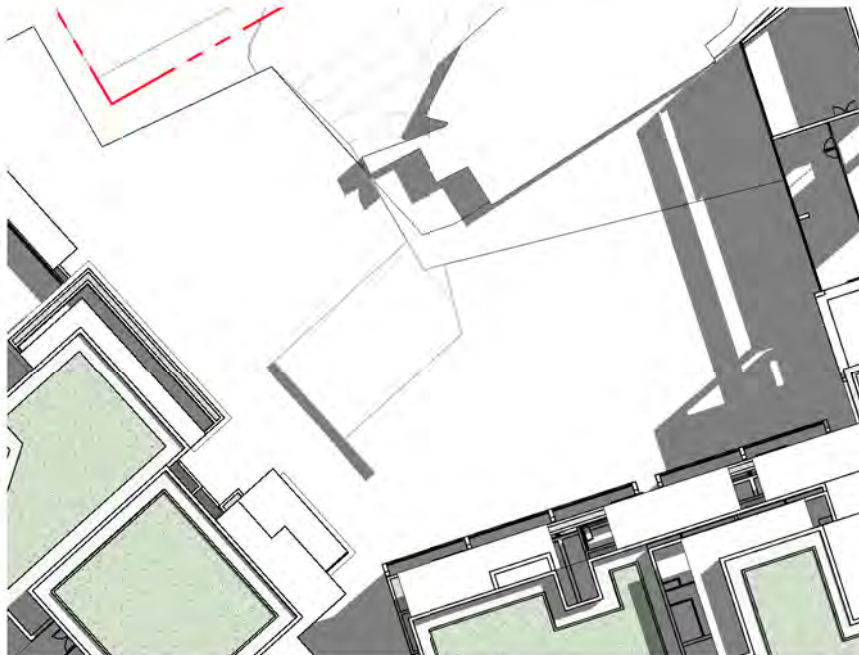
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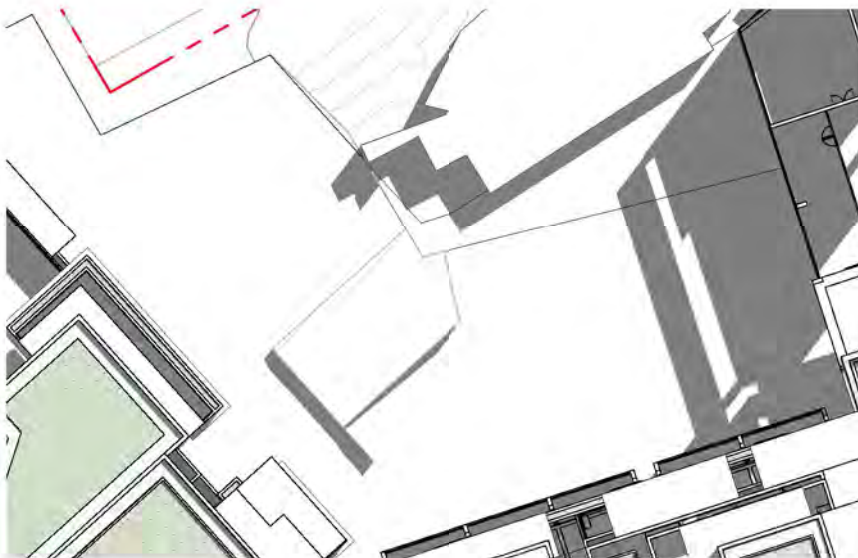
COMMUNAL - LOWER PODIUM - WINTER - 12 pm



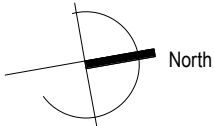
COMMUNAL - LOWER PODIUM - WINTER - 1 pm



COMMUNAL - LOWER PODIUM - WINTER - 2 pm



COMMUNAL - LOWER PODIUM - WINTER - 3 pm



7	RTS RESUBMISSION	27.05.21	JS	PL
6	SSD DA RESUBMISSION	19.03.21	JS	PL
5	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
4	SSD DA RESUBMISSION	19.10.20	JS	PL
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Issue	Description	Date	Chk	Auth

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS - WINTER SOLSTICE - COMMON AREAS - LOWER PODIUM

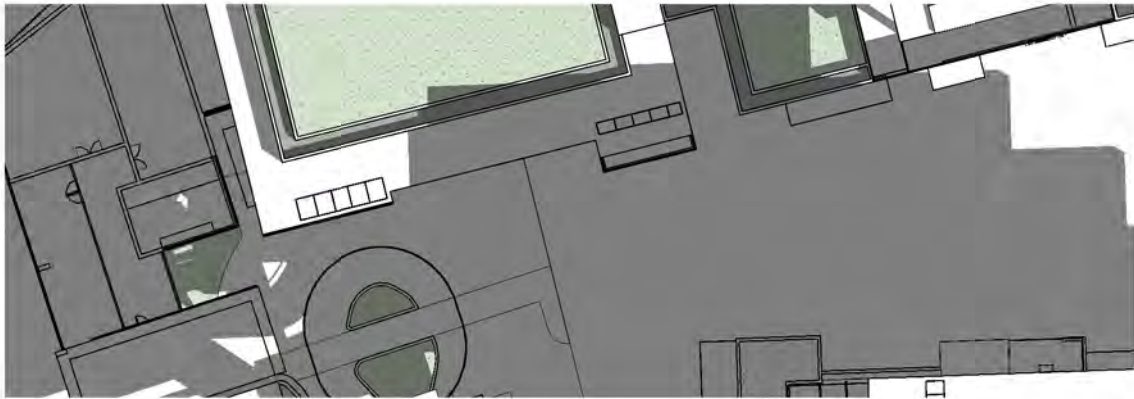
Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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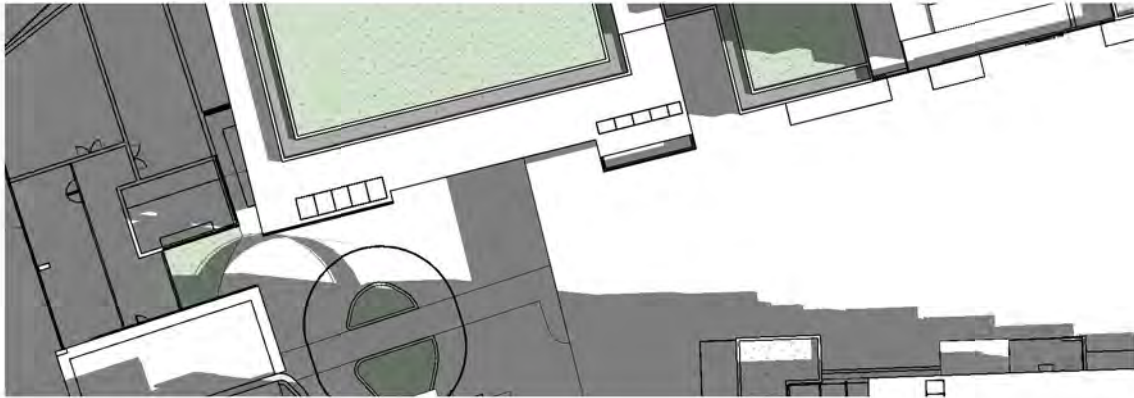
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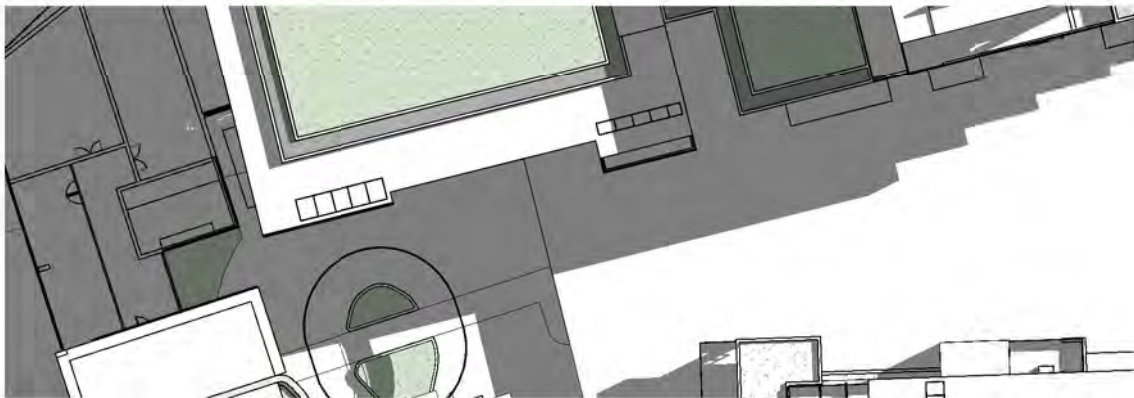
Project Number 19002	Drawing Number DA007.4.5.3	Issue 7
Scale As indicated @ A3	Date Printed 28/05/2021 11:40:44 AM	
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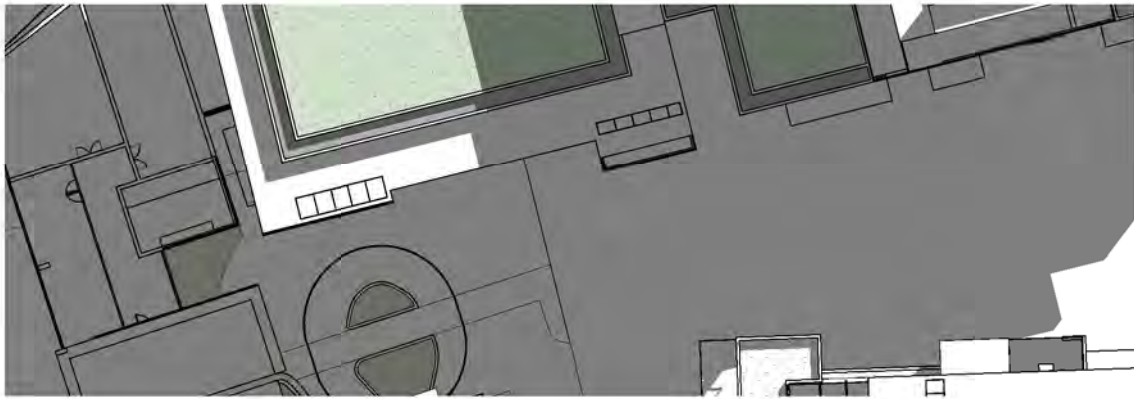
COMMUNAL - UPPER PODIUM - WINTER - 9 am



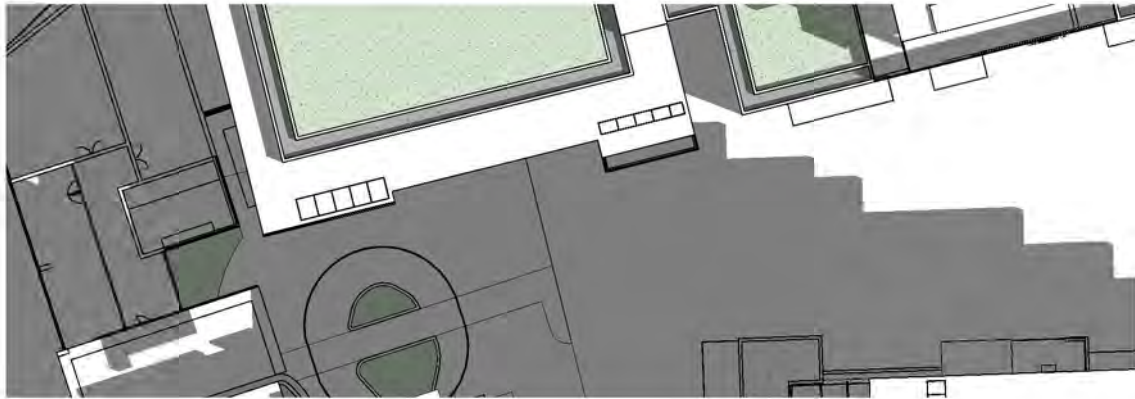
COMMUNAL - UPPER PODIUM - WINTER - 11 am



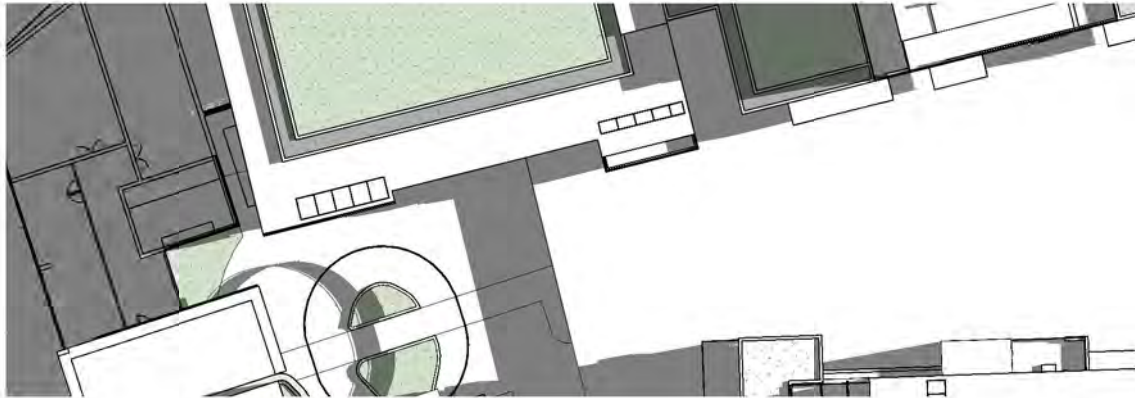
COMMUNAL - UPPER PODIUM - WINTER - 1 pm



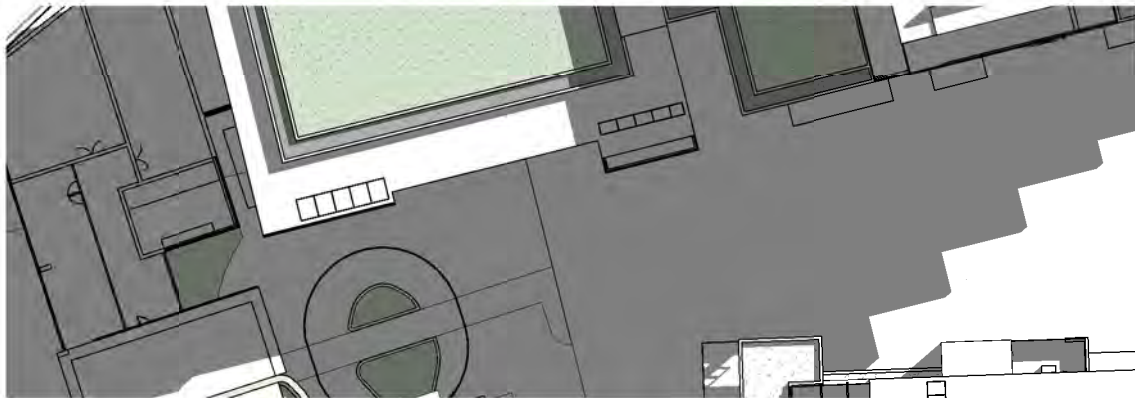
COMMUNAL - UPPER PODIUM - WINTER - 3 pm



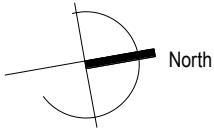
COMMUNAL - UPPER PODIUM - WINTER - 10 am



COMMUNAL - UPPER PODIUM - WINTER - 12 pm



COMMUNAL - UPPER PODIUM - WINTER - 2 pm



7	RTS RESUBMISSION	27.05.21	JS	PL
6	SSD DA RESUBMISSION	19.03.21	JS	PL
5	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
4	SSD DA RESUBMISSION	19.10.20	JS	PL
3	SSD DA RESUBMISSION	25.08.20	JS	PL
2	ISSUE FOR CONSULTANT RESPONSE TO SUBMISSION (3rd)	16.07.20	JS	PL, SC
1	RESPONSE TO SUBMISSIONS (2nd)	14.07.20	JS	PL, SC
Issue	Description	Date	Chk	Auth

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS - WINTER SOLSTICE - COMMON AREAS - UPPER PODIUM

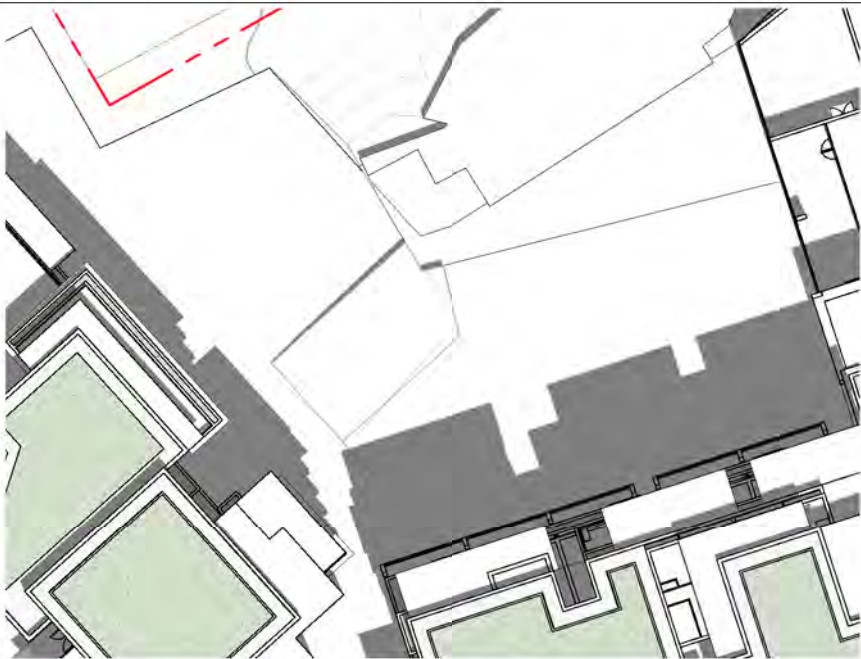
Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the fabrication of shop drawings or the fabrication of components.

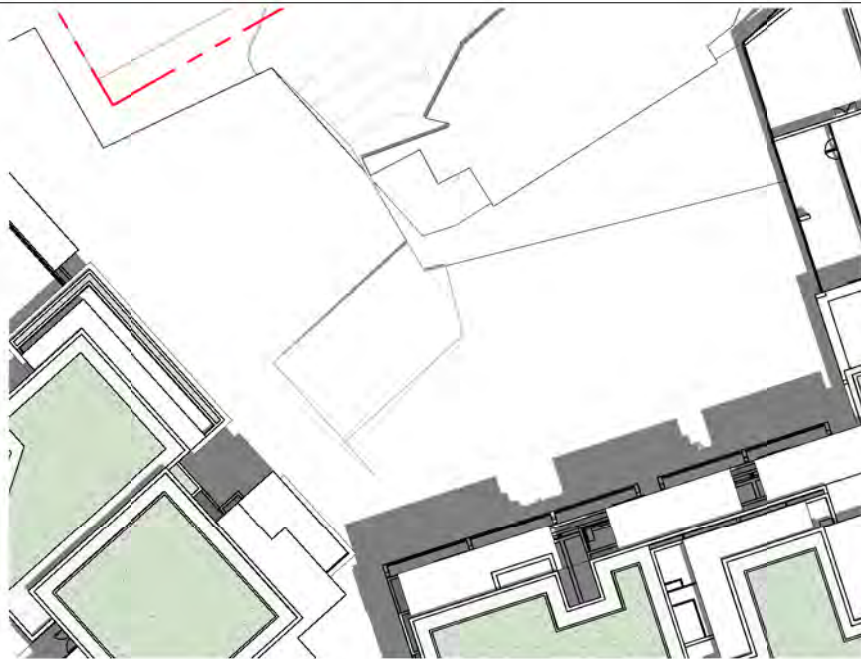
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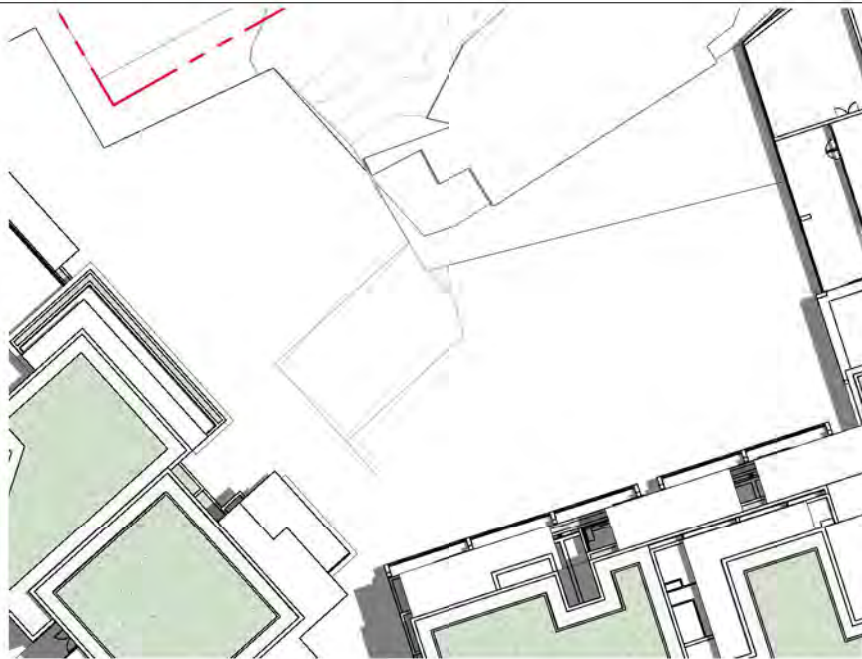
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Scale As indicated @ A3	Date Printed 28/05/2021 11:41:20 AM	
File Name G:\19_002_Todd Campling - Alternative JWD\DA\Revit\UWD_Solar access only(detached).rvt		



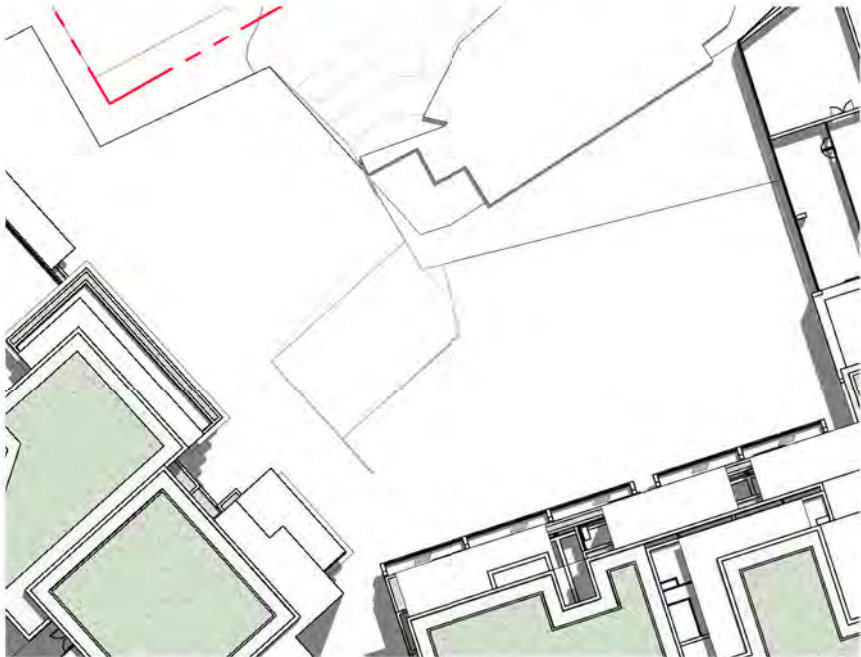
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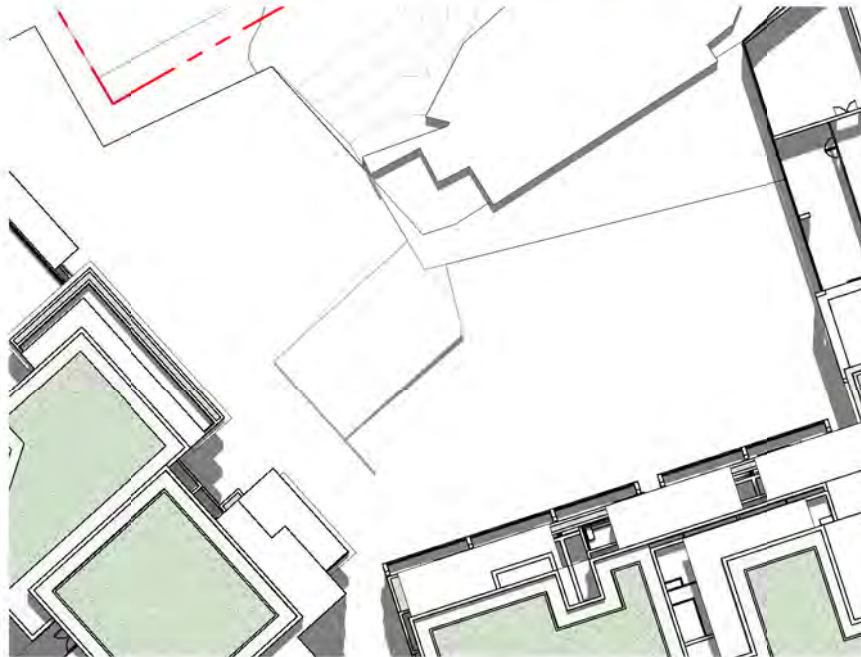
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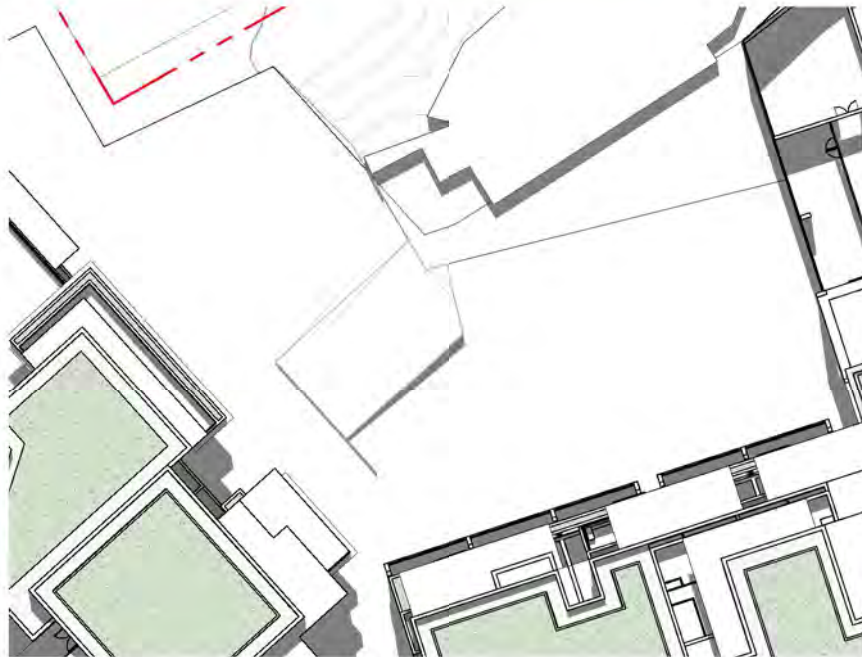
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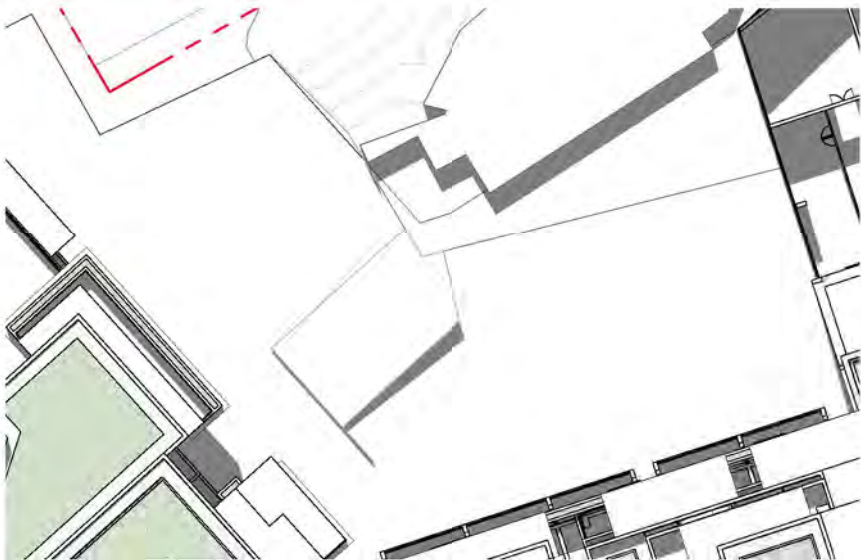
COMMUNAL - LOWER PODIUM - SUMMER - 12 pm



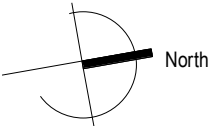
COMMUNAL - LOWER PODIUM - SUMMER - 1 pm



COMMUNAL - LOWER PODIUM - SUMMER - 2 pm



COMMUNAL - LOWER PODIUM - SUMMER - 3 pm



7	RTS RESUBMISSION	27.05.21	JS	PL
6	SSD DA RESUBMISSION	19.03.21	JS	PL
5	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
4	SSD DA RESUBMISSION	19.10.20	JS	PL
3	SSD DA RESUBMISSION	25.08.20	JS	PL
2	ISSUE FOR CONSULTANT RESPONSE TO SUBMISSION (3rd)	16.07.20	JS	PL, SC
1	RESPONSE TO SUBMISSIONS (2nd)	14.07.20	JS	PL, SC
Issue	Description	Date	Chk	Auth

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS - SUMMER SOLSTICE - COMMON AREAS - LOWER PODIUM

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number
19002

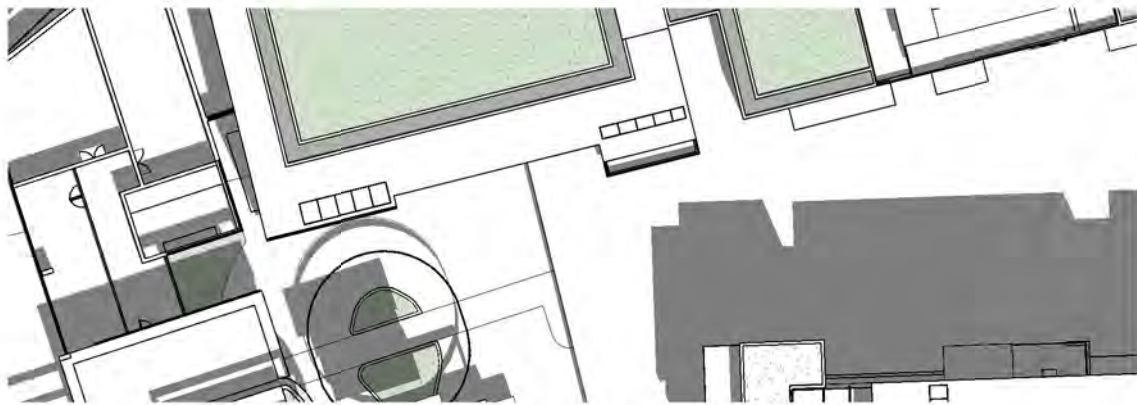
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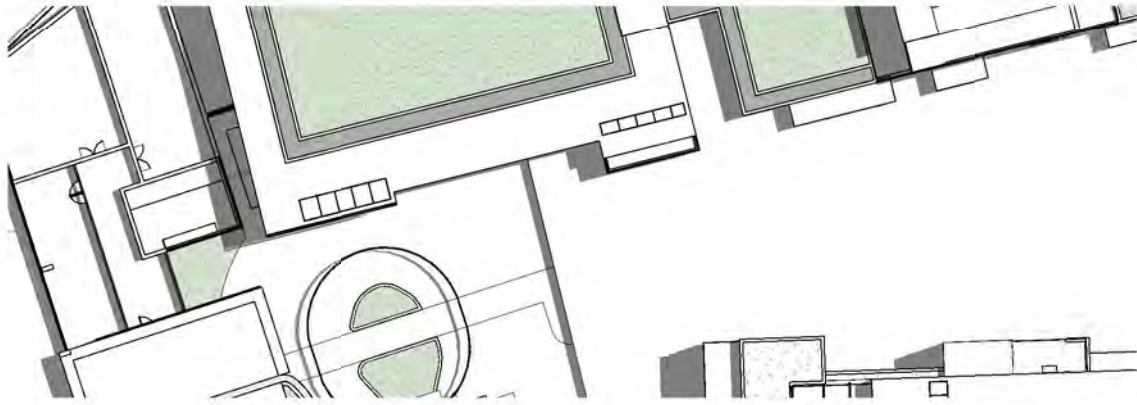
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Issue
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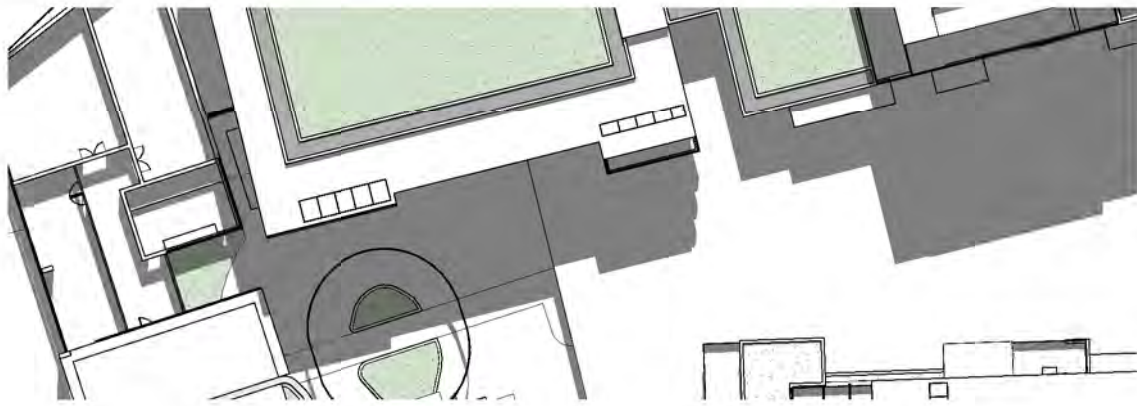
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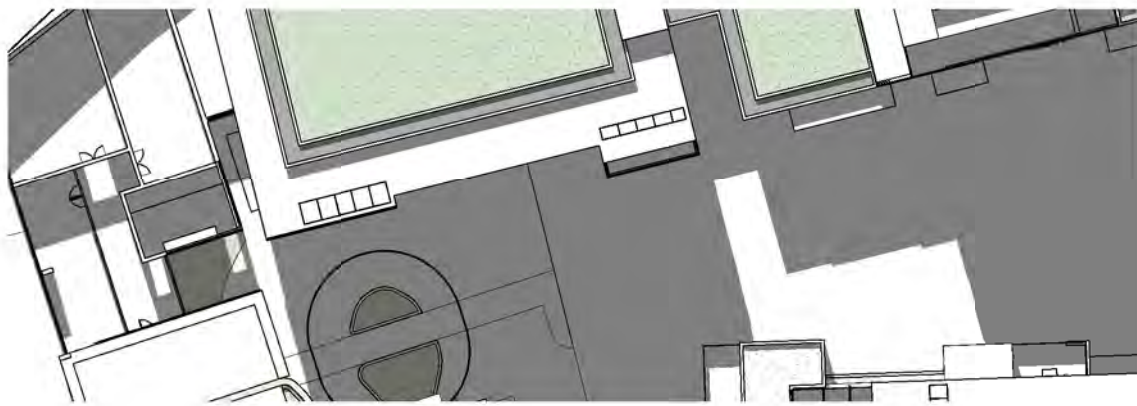
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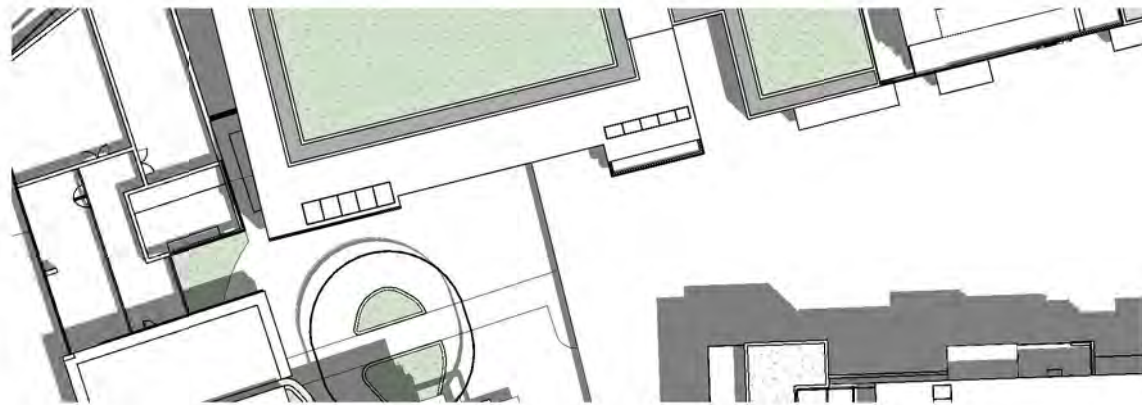
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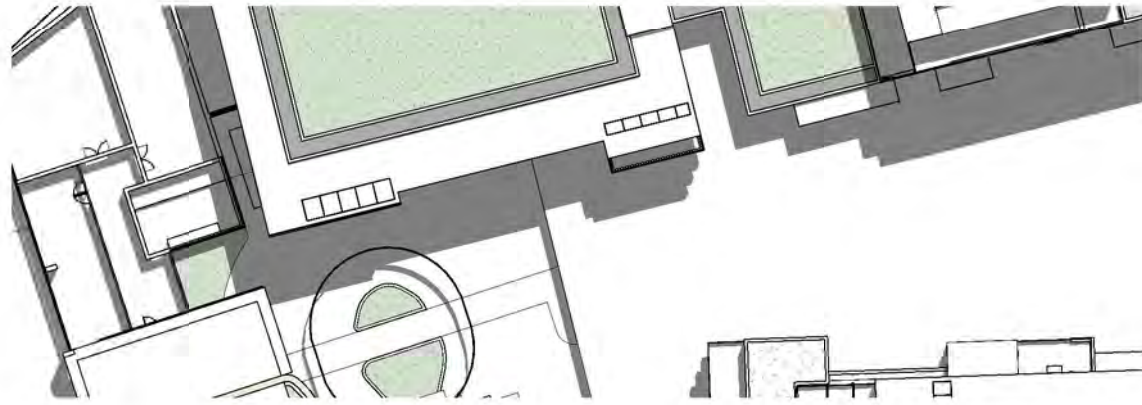
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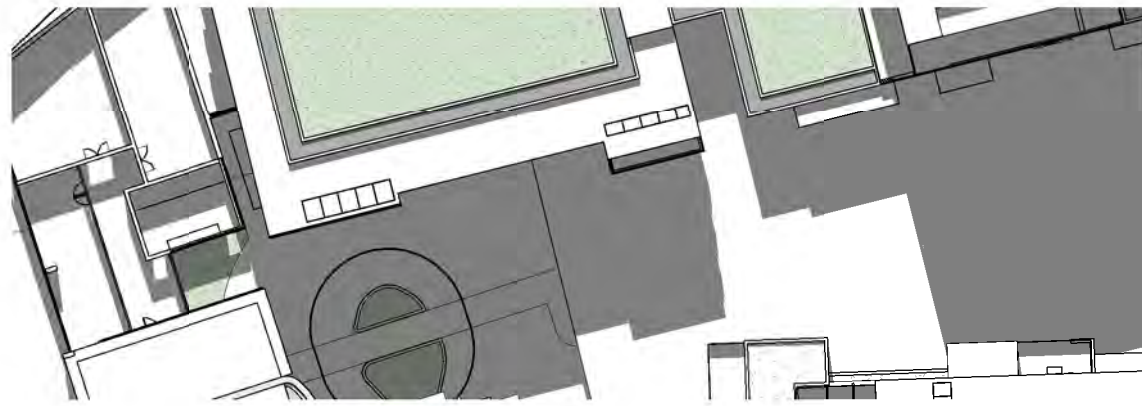
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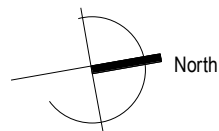
COMMUNAL - UPPER PODIUM - SUMMER - 10 am



COMMUNAL - UPPER PODIUM - SUMMER - 12 pm



COMMUNAL - UPPER PODIUM - SUMMER - 2 pm



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6	SSD DA RESUBMISSION	19.03.21	JS	PL
5	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
4	SSD DA RESUBMISSION	19.10.20	JS	PL
3	SSD DA RESUBMISSION	25.08.20	JS	PL
2	ISSUE FOR CONSULTANT RESPONSE TO SUBMISSION (3rd)	16.07.20	JS	PL, SC
1	RESPONSE TO SUBMISSIONS (2nd)	14.07.20	JS	PL, SC
Issue	Description	Date	Chk	Auth

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS - SUMMER SOLSTICE - COMMON AREAS - UPPER PODIUM

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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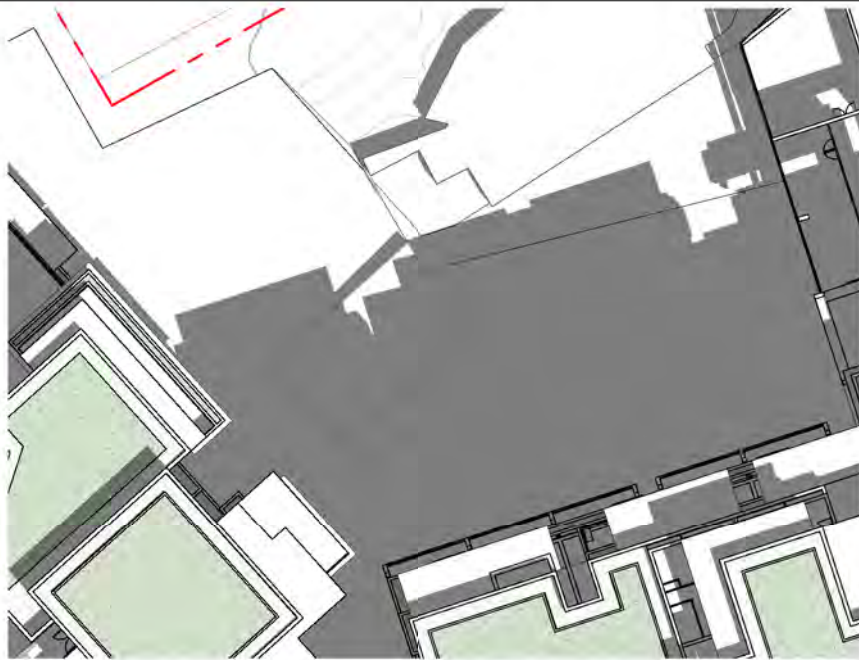
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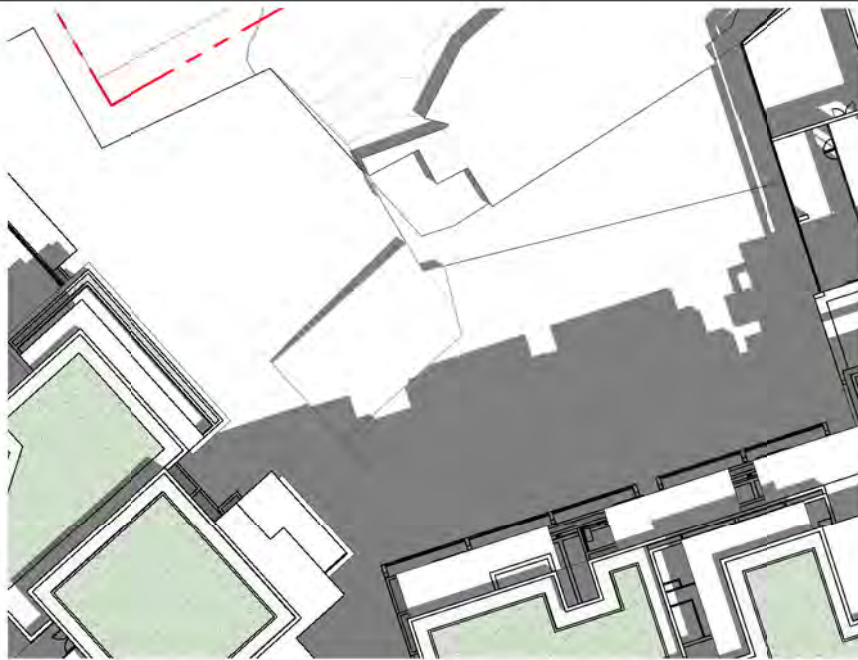
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DA007.4.5.10
Date Printed
28/05/2021 11:42:49 AM
Issue
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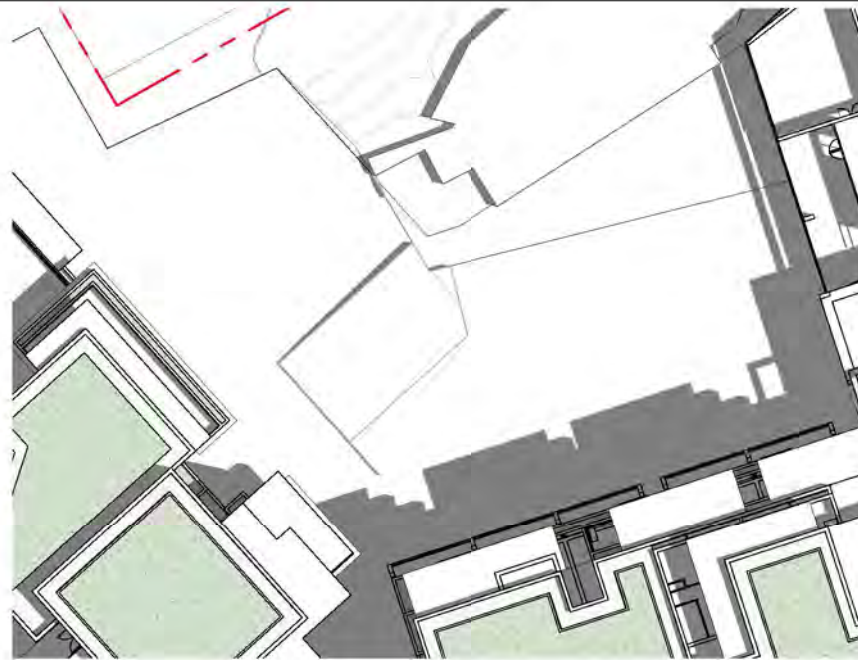
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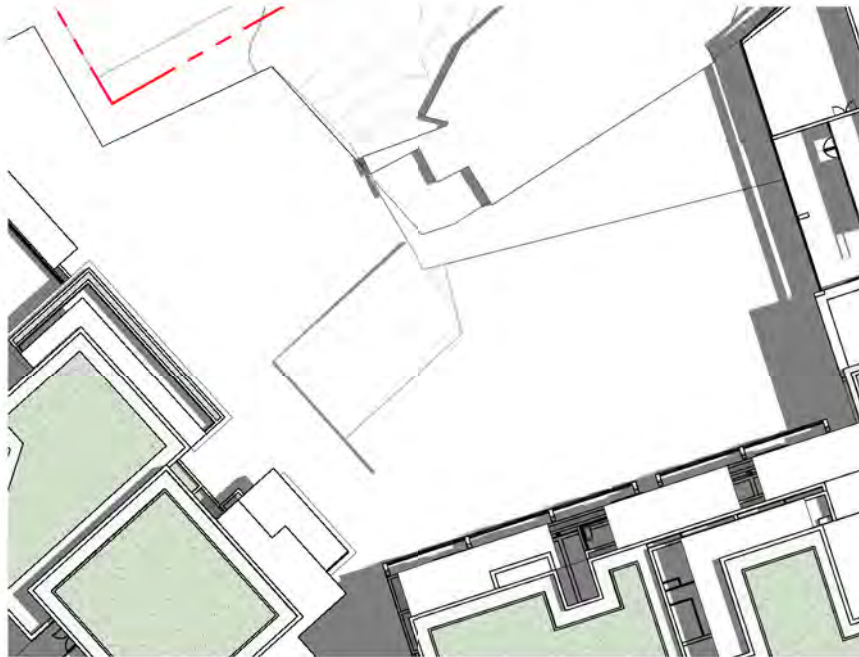
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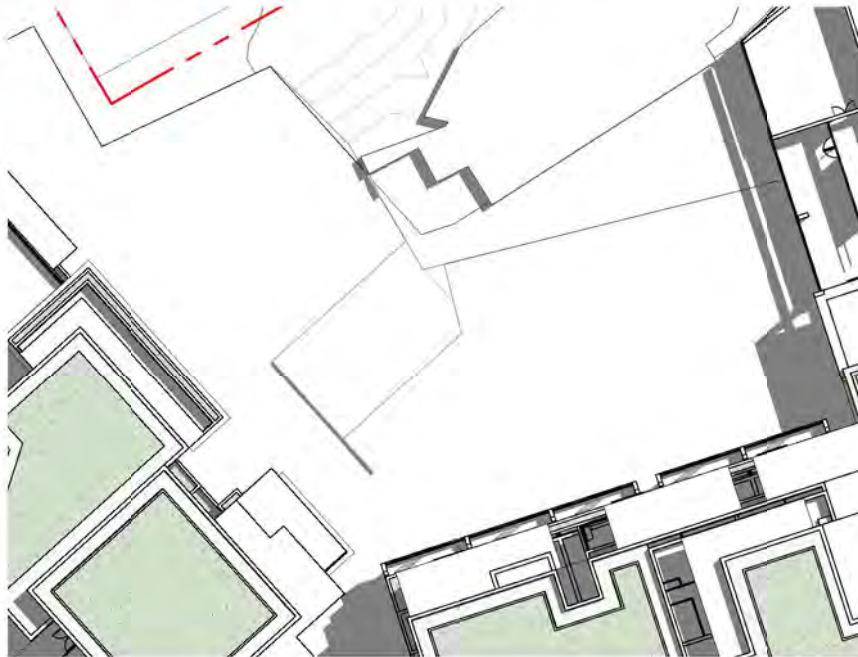
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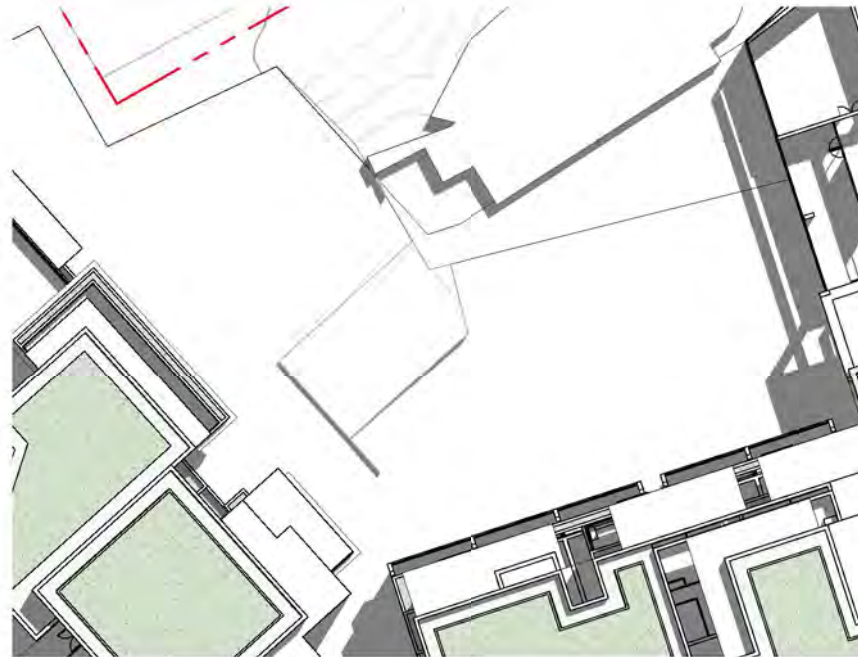
COMMUNAL - LOWER PODIUM - SPRING - 11 am



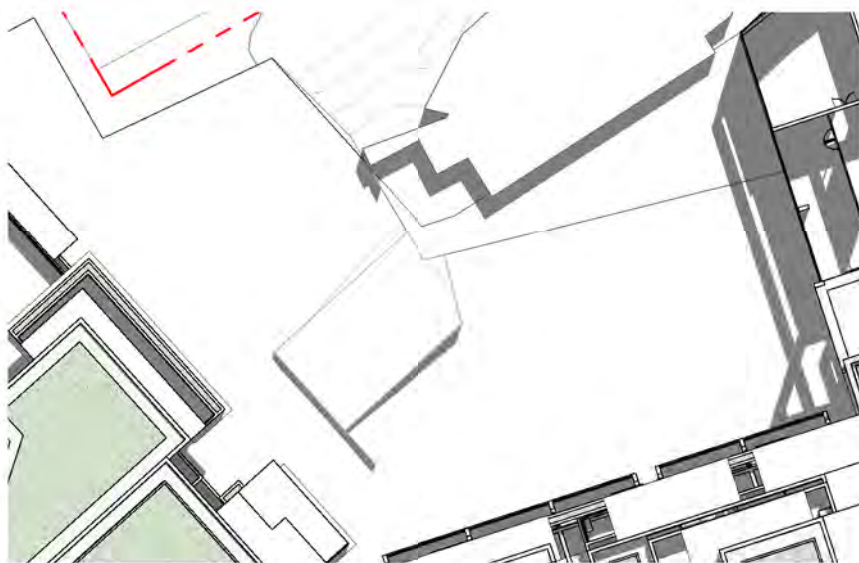
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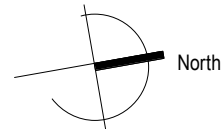
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COMMUNAL - LOWER PODIUM - SPRING - 2 pm



COMMUNAL - LOWER PODIUM - SPRING- 3 pm



7	RTS RESUBMISSION	27.05.21	JS	PL
6	SSD DA RESUBMISSION	19.03.21	JS	PL
5	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
4	SSD DA RESUBMISSION	19.10.20	JS	PL
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2	ISSUE FOR CONSULTANT RESPONSE TO SUBMISSION (3rd)	16.07.20	JS	PL, SC
1	RESPONSE TO SUBMISSIONS (2nd)	14.07.20	JS	PL, SC
Issue	Description	Date	Chk	Auth

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Member Australian Institute of Architects

Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS - SPRING EQUINOX - COMMON AREAS - LOWER PODIUM

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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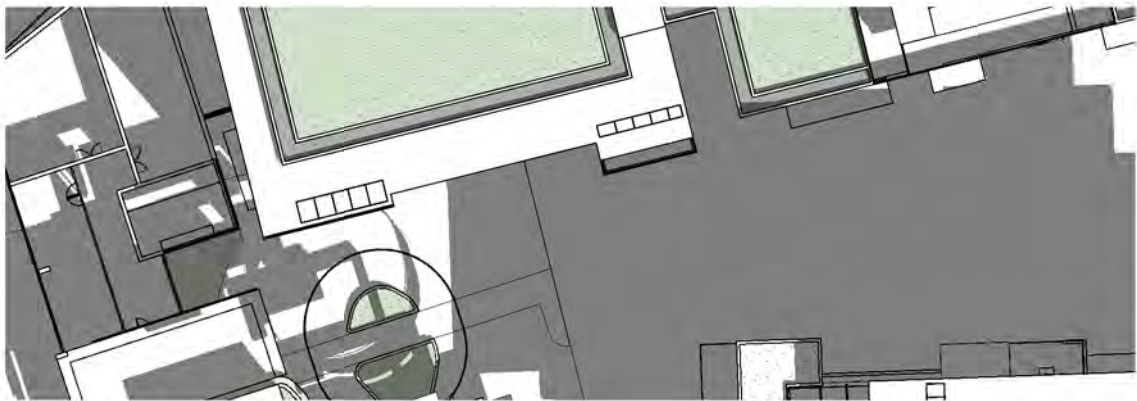
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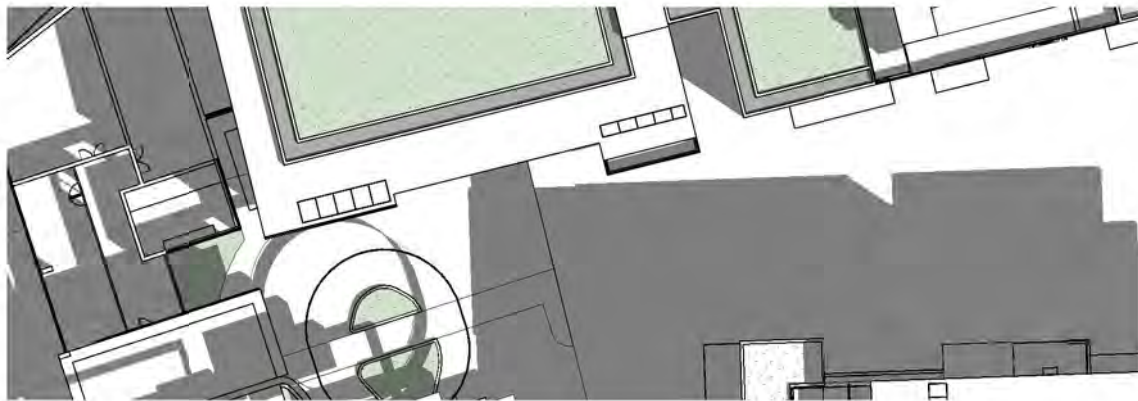
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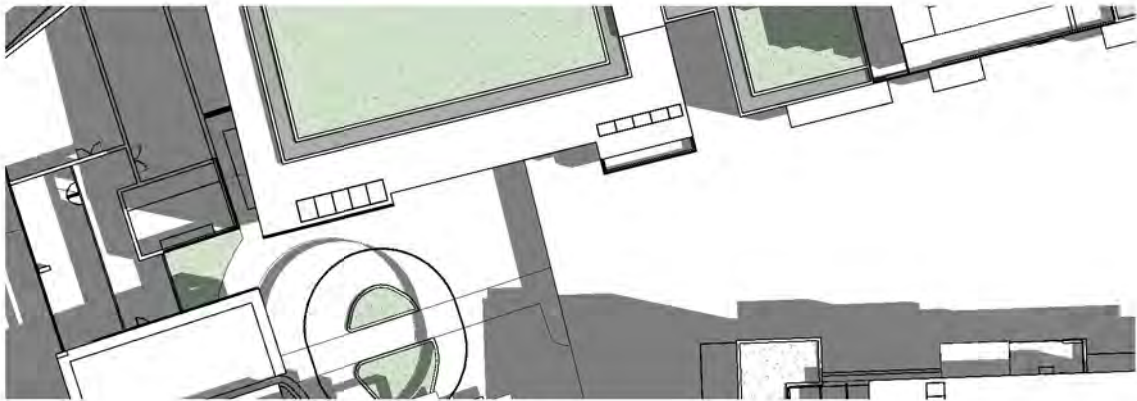
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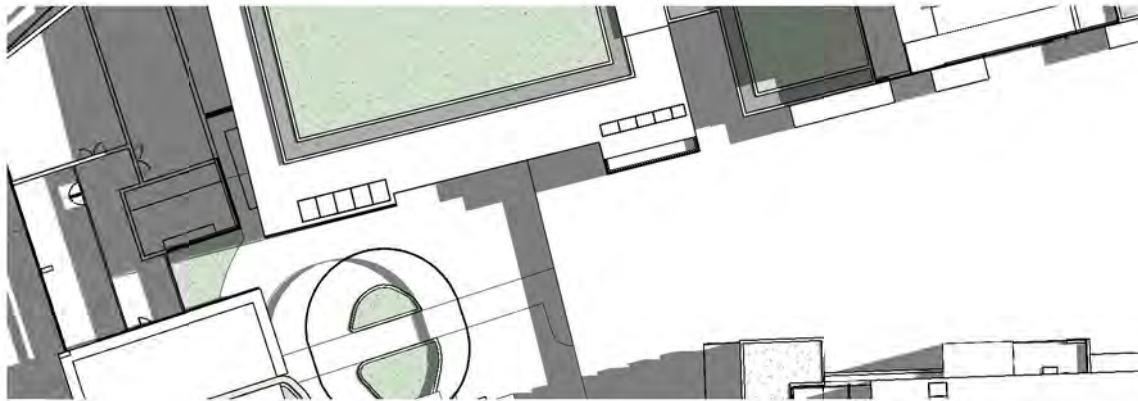
COMMUNAL - UPPER PODIUM - SPRING - 9 am



COMMUNAL - UPPER PODIUM - SPRING - 10 am



COMMUNAL - UPPER PODIUM - SPRING - 11 am



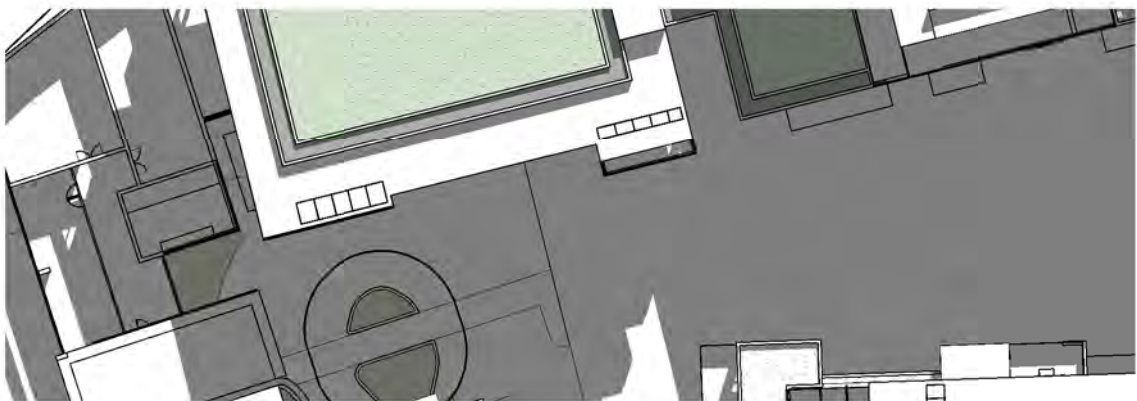
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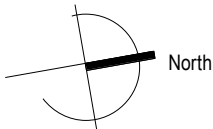
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COMMUNAL - UPPER PODIUM - SPRING - 2 pm



COMMUNAL - UPPER PODIUM - SPRING - 3 pm



7	RTS RESUBMISSION	27.05.21	JS	PL
6	SSD DA RESUBMISSION	19.03.21	JS	PL
5	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
4	SSD DA RESUBMISSION	19.10.20	JS	PL
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1	RESPONSE TO SUBMISSIONS (2nd)	14.07.20	JS	PL, SC
Issue	Description	Date	Chk	Auth

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS - SPRING EQUINOX - COMMON
AREAS - UPPER PODIUM

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number
19002

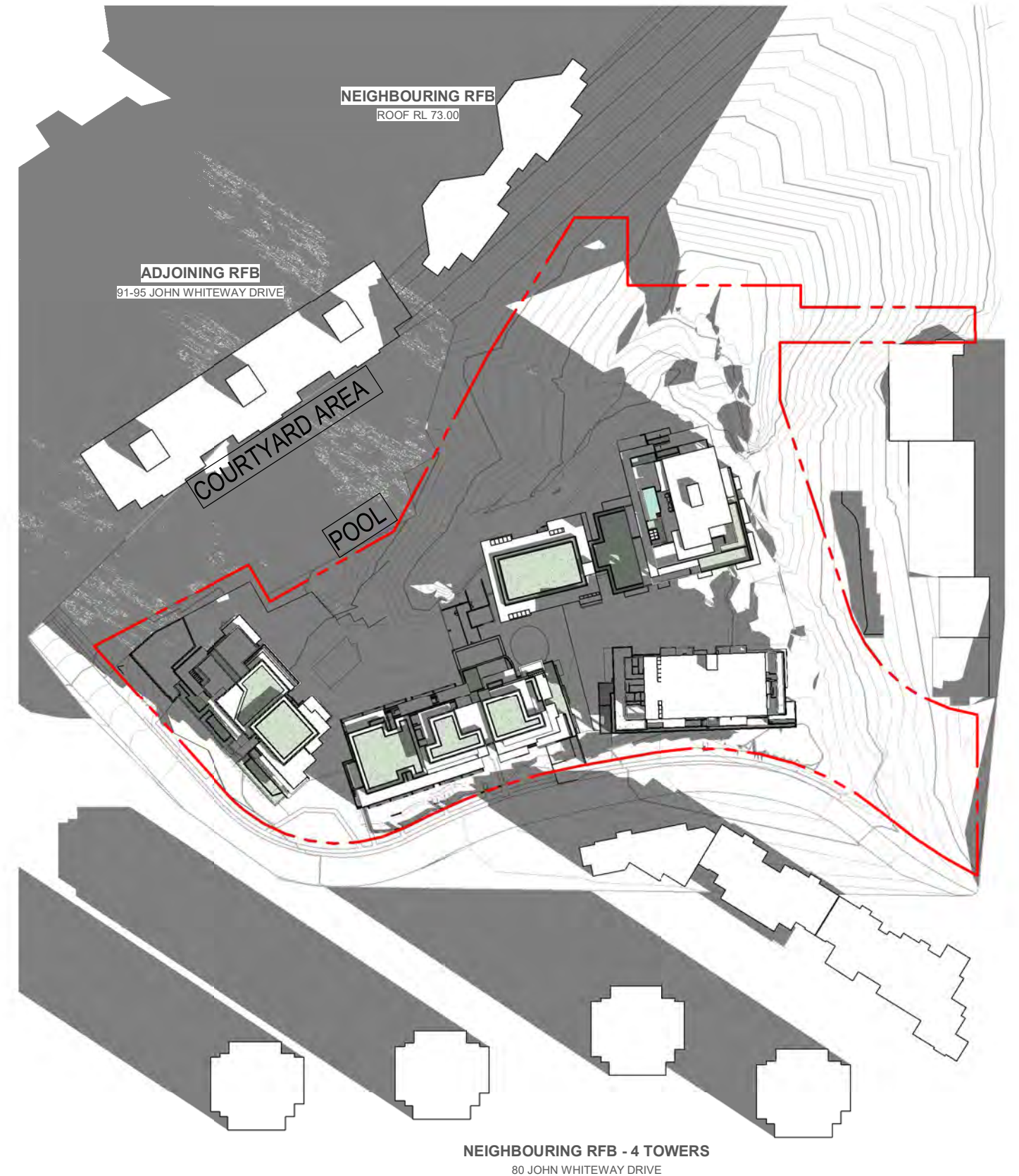
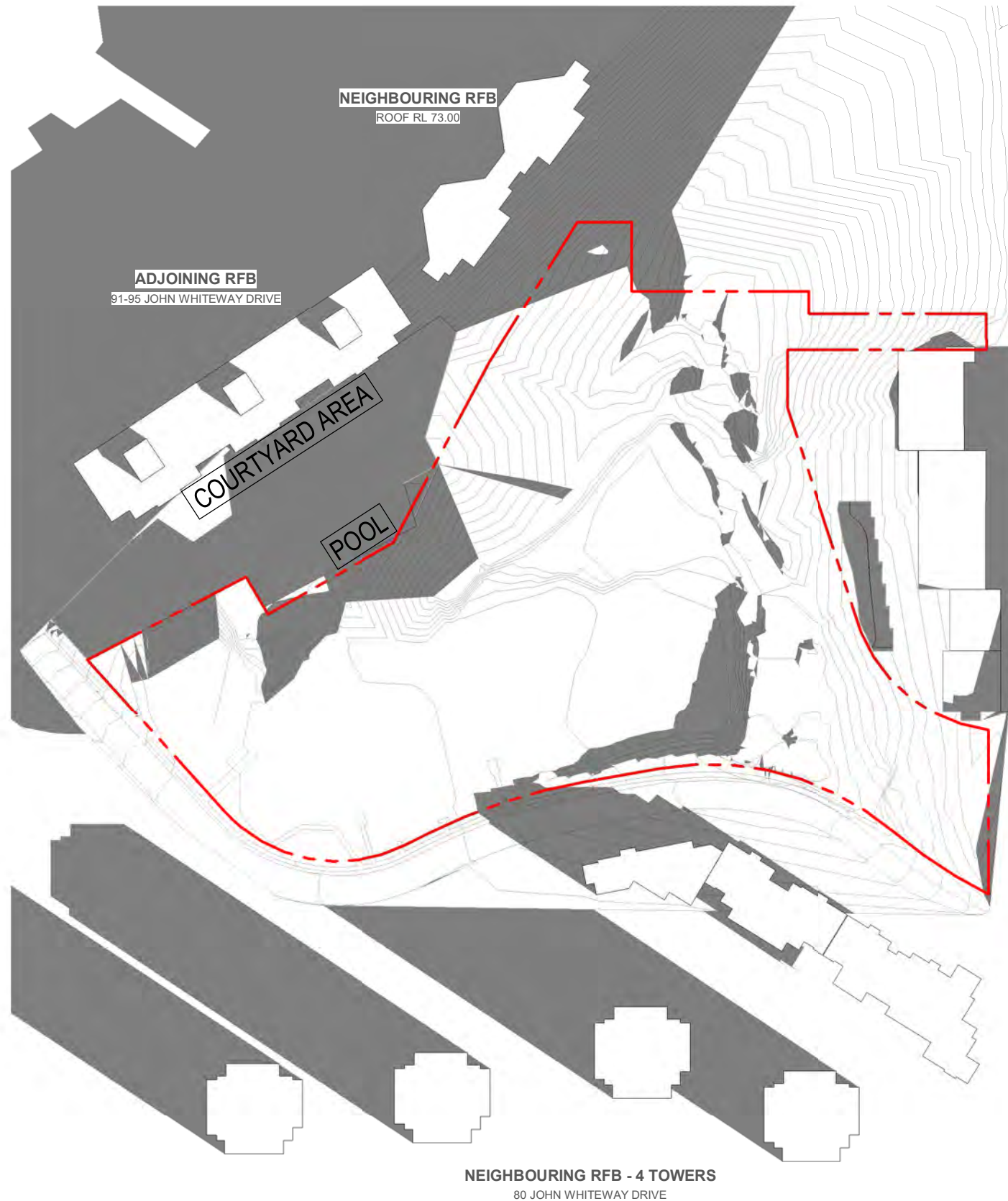
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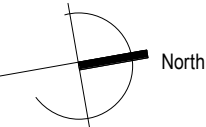
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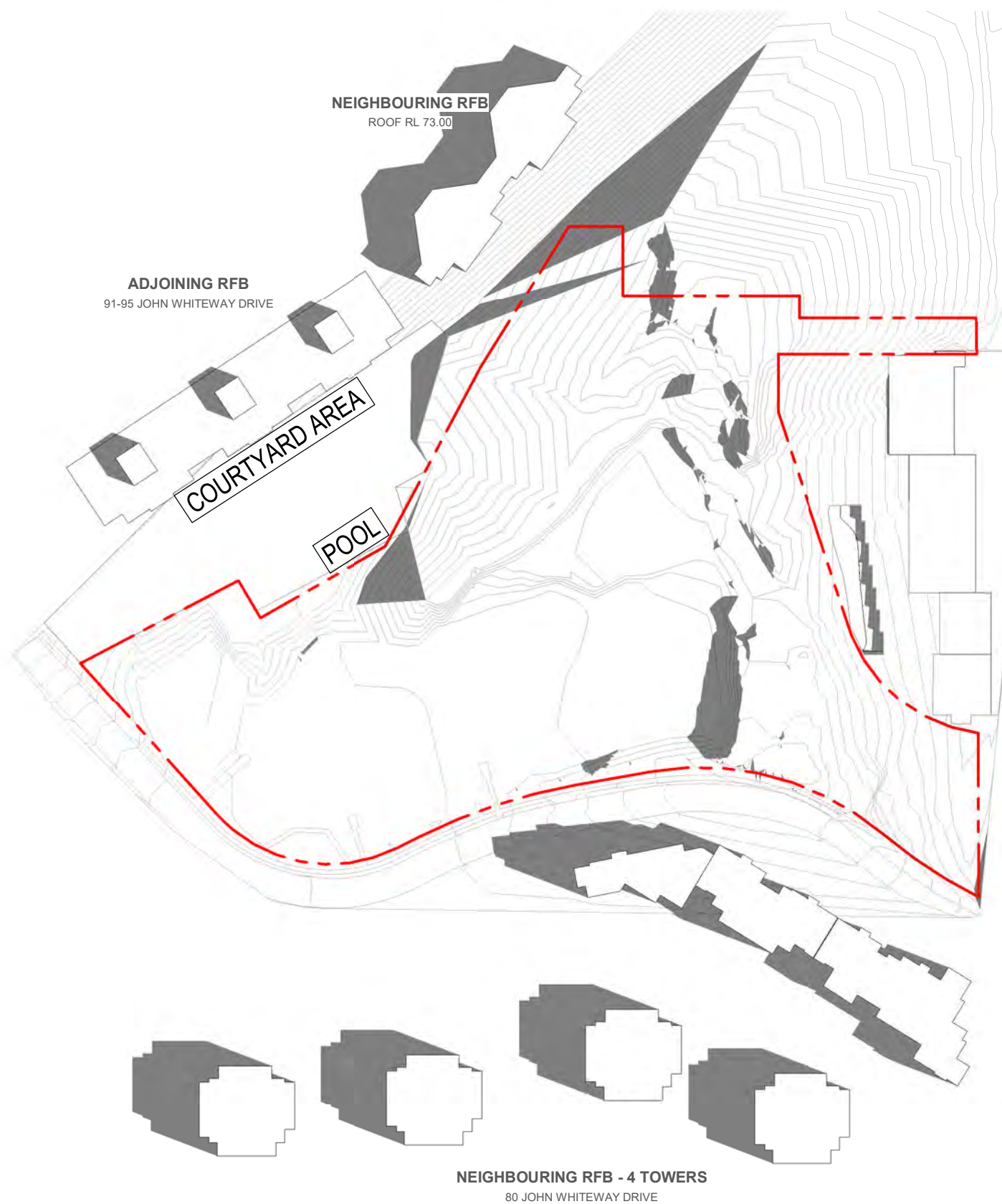
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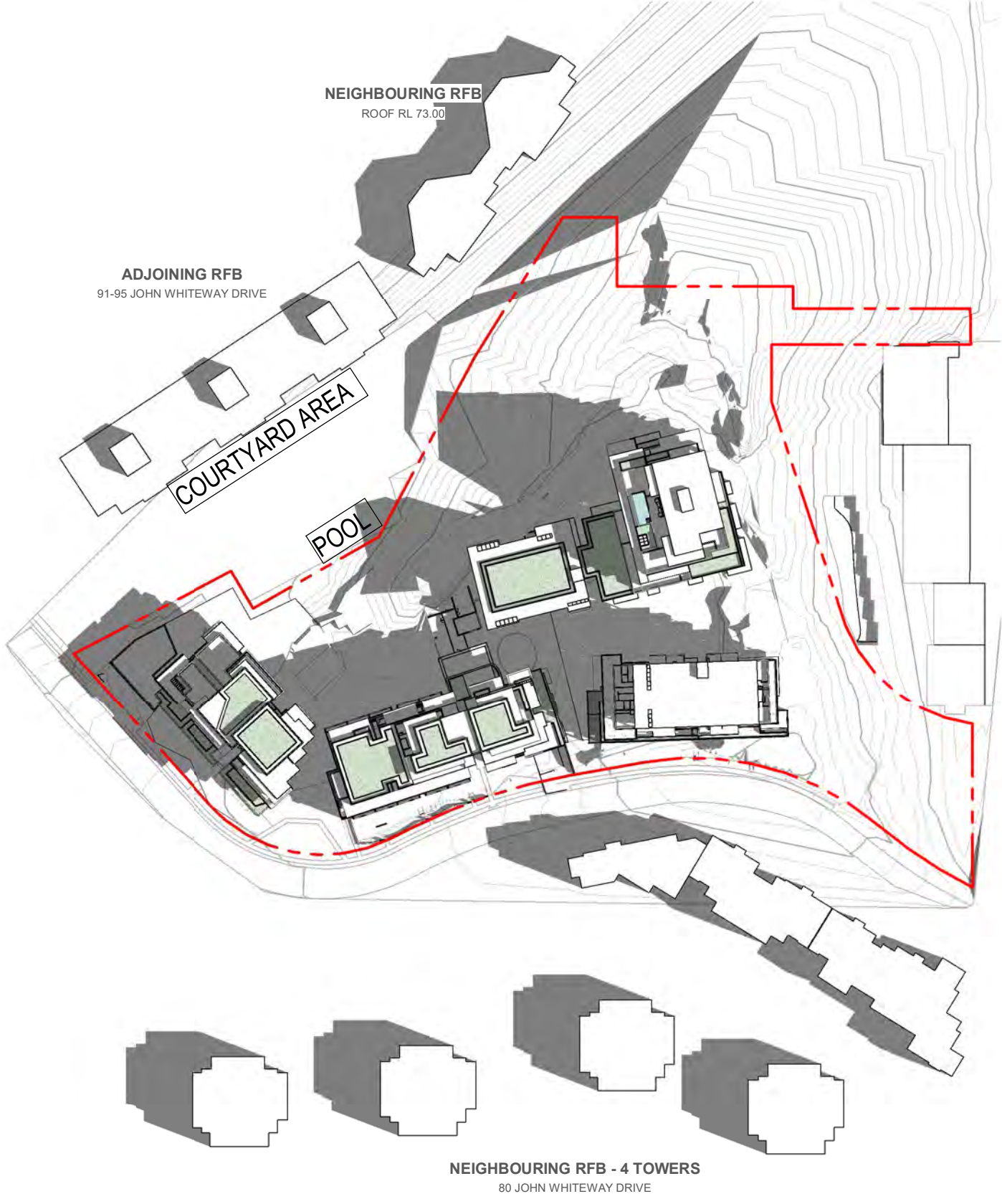
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2 IMPACT ON NEIGHBOURING BUILDINGS- 9AM 21 JUNE PROPOSED
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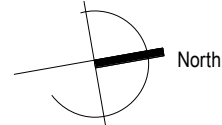


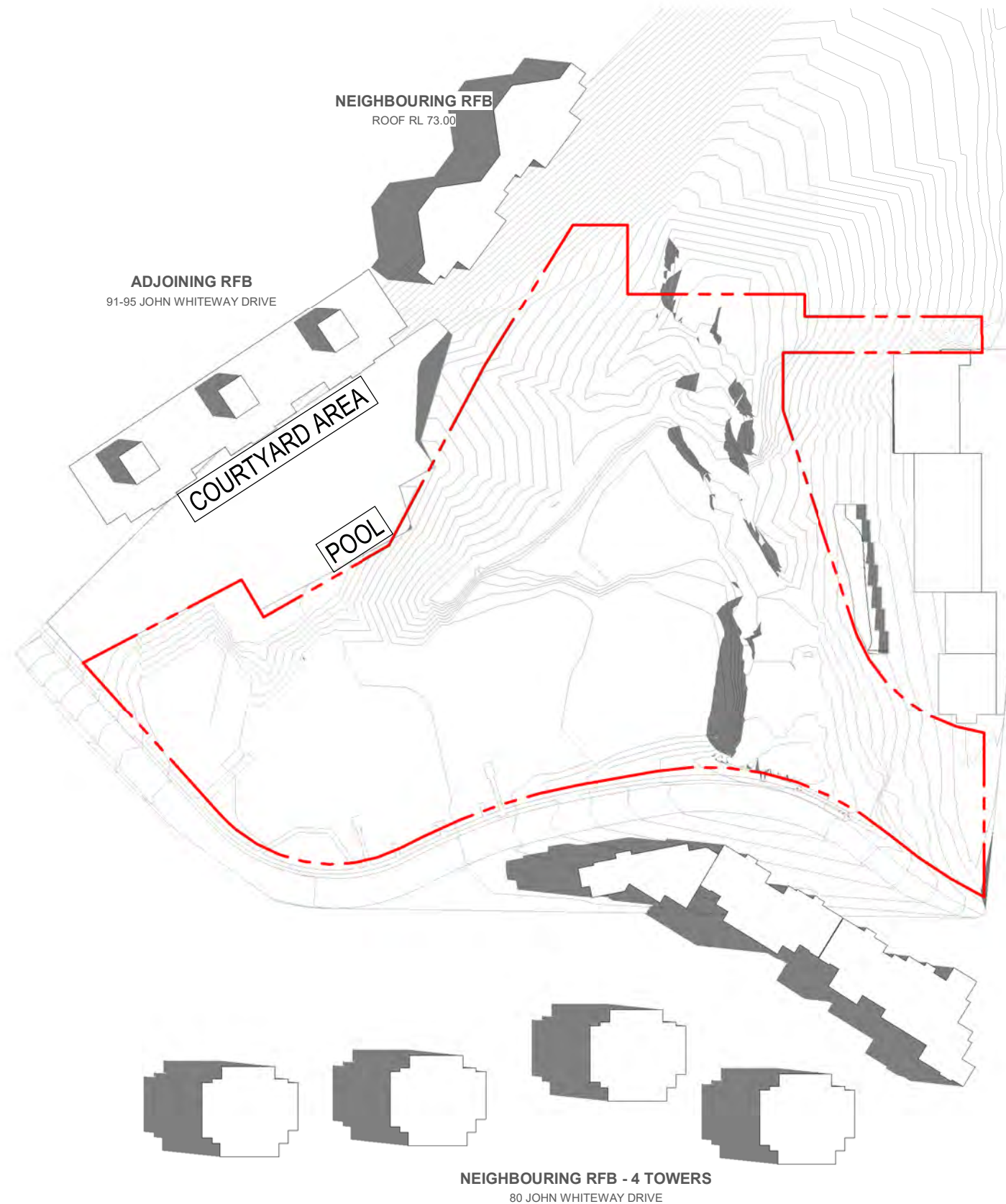


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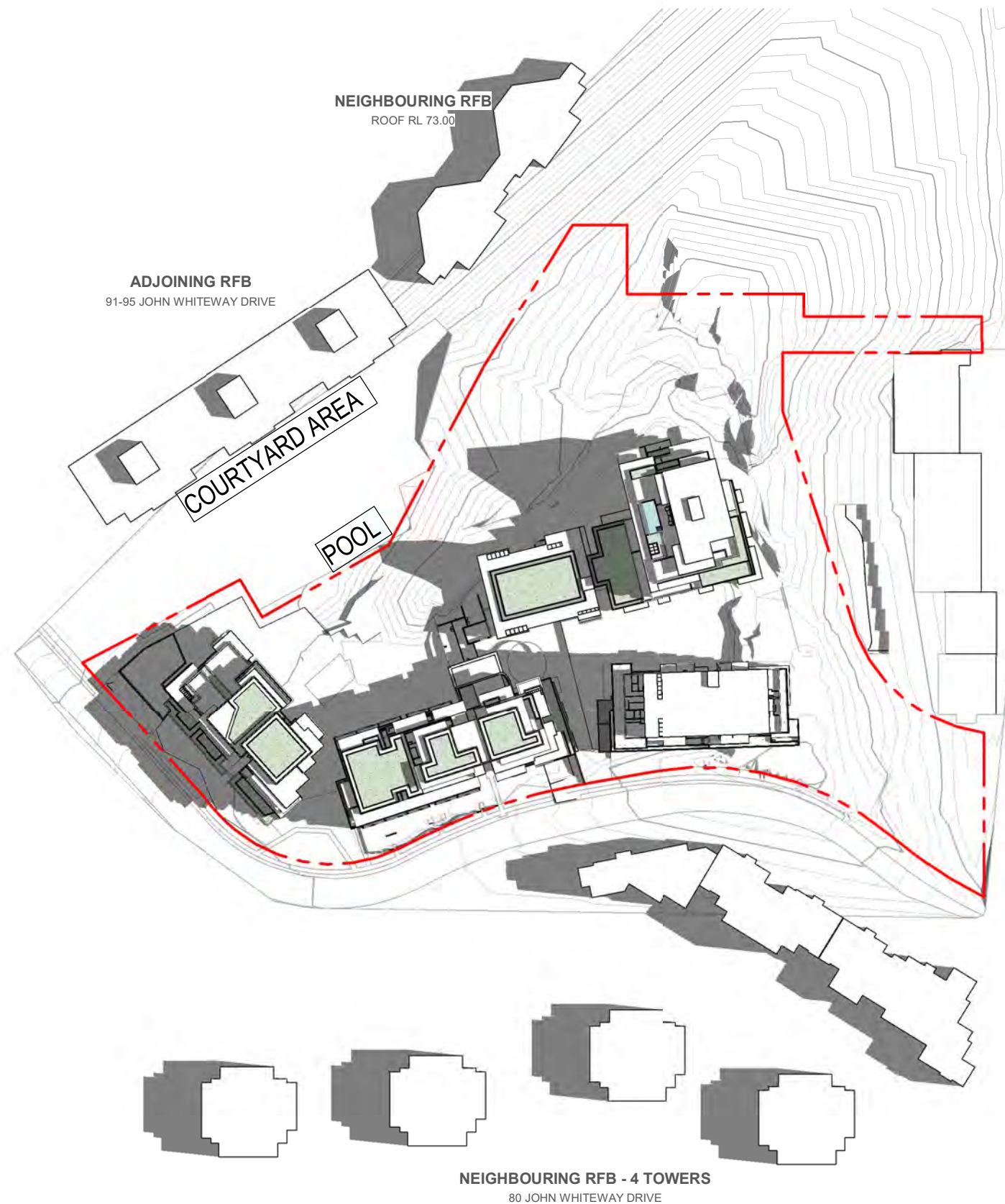


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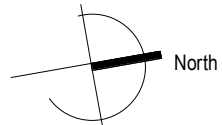


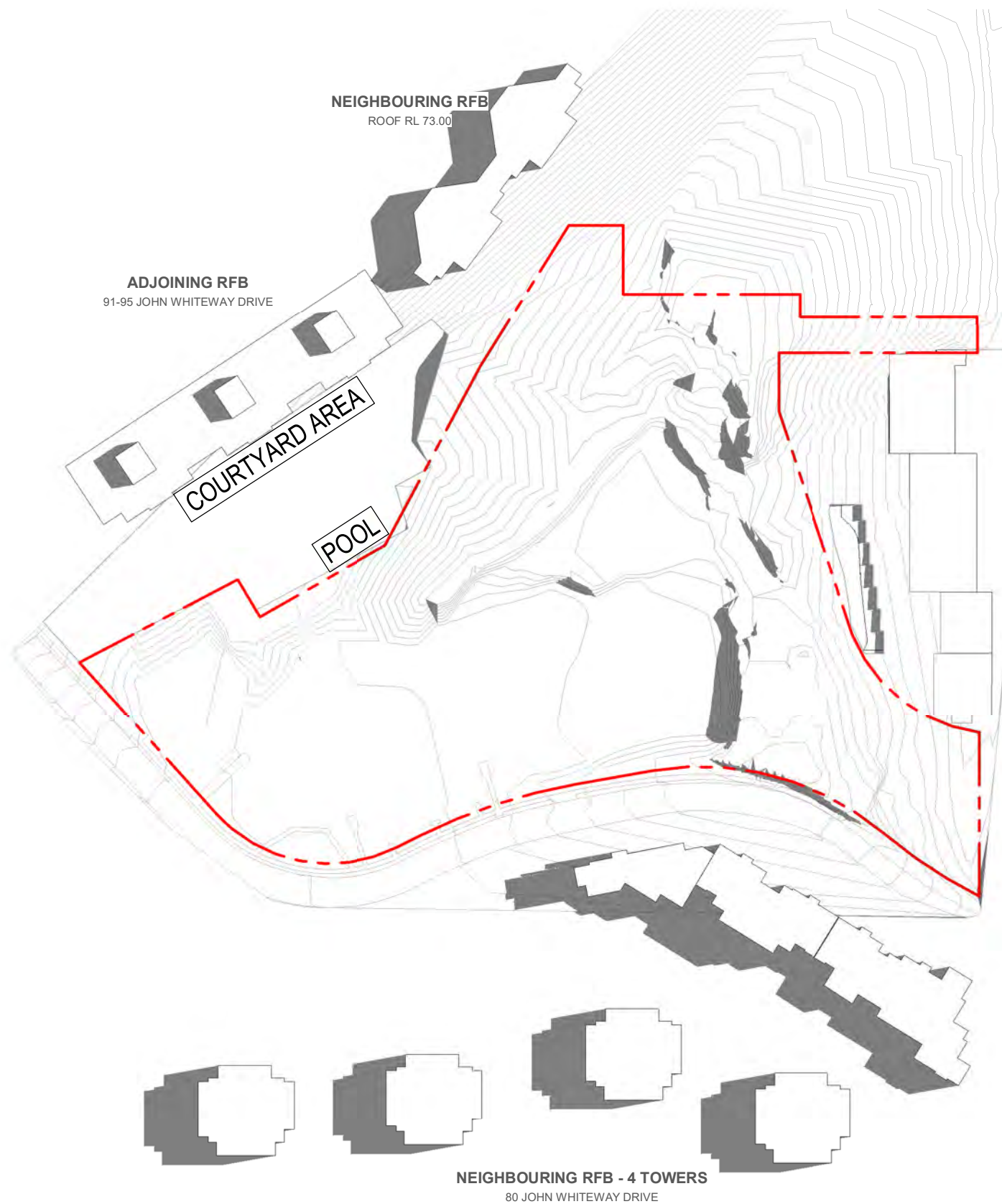


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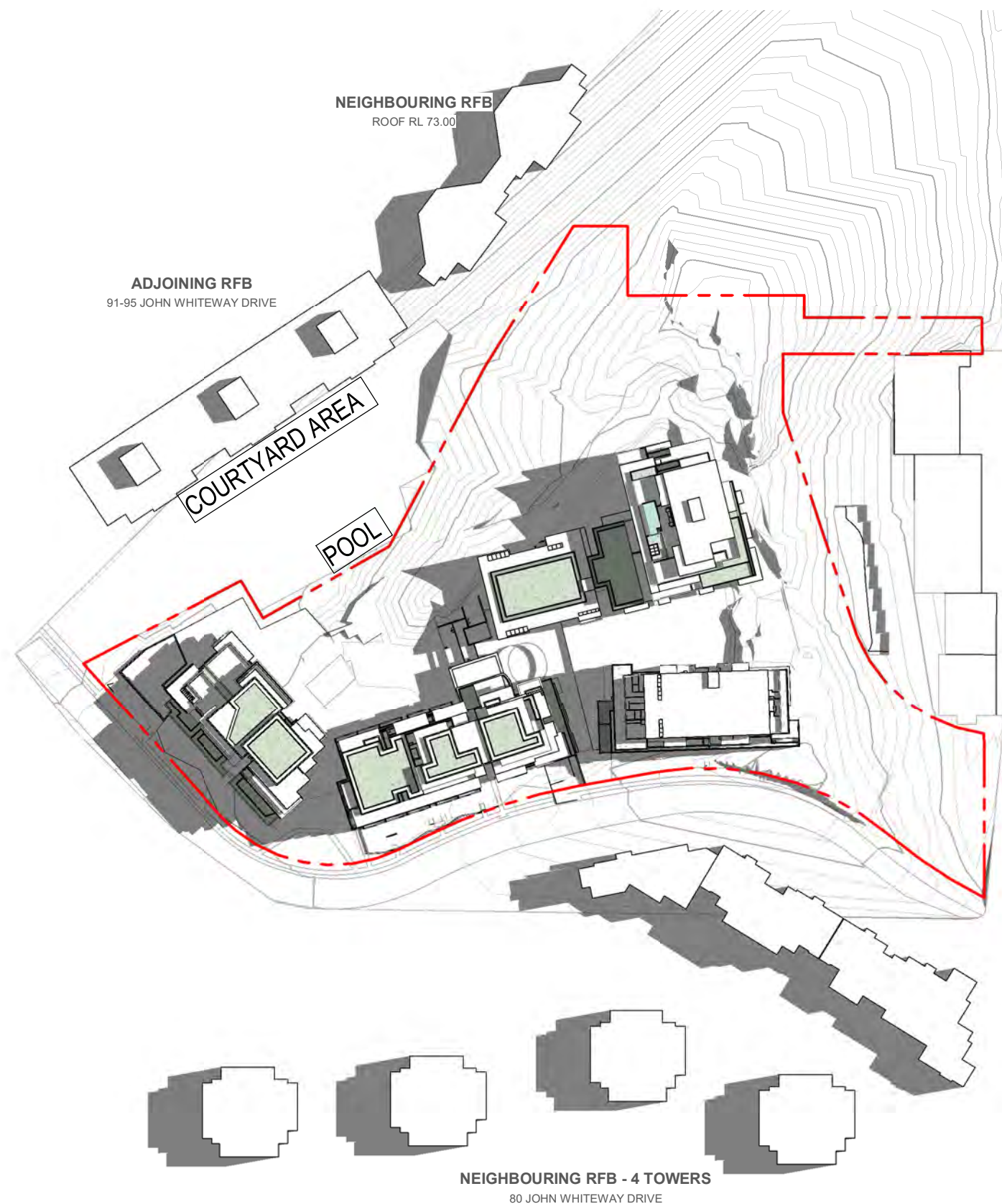


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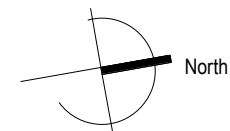




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2 IMPACT ON NEIGHBOURING BUILDINGS- 12PM 21 JUNE PROPOSED
DA003.1 1 : 1500



Issue	Description	Date	Chk	Auth
4	RTS RESUBMISSION	27.05.21	JS	PL
3	SSD DA RESUBMISSION	19.03.21	JS	PL
2	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
1	SSD DA RESUBMISSION	19.10.20	JS	PL

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS - IMPACT ON NEIGHBOURING BUILDINGS 12 PM

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number
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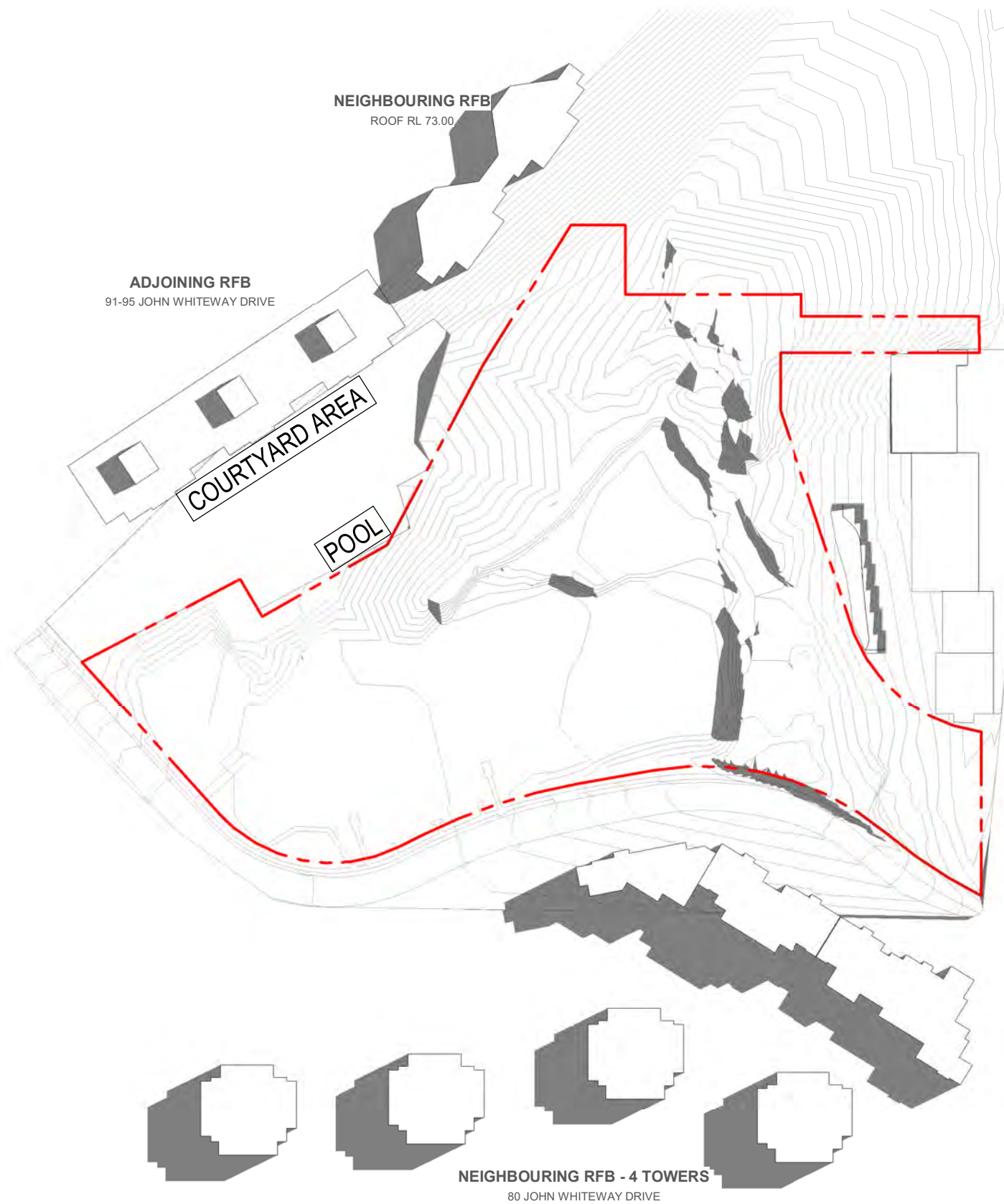
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Drawing Number
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Issue
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Date Printed
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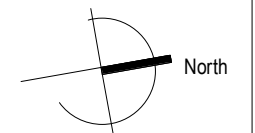
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1 IMPACT ON NEIGHBOURING BUILDINGS- 1PM 21 JUNE EXISTING
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2 IMPACT ON NEIGHBOURING BUILDINGS- 1PM 21 JUNE PROPOSED
DA003.1 1 : 1500



Issue	Description	Date	Chk	Auth
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3	SSD DA RESUBMISSION	19.03.21	JS	PL
2	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
1	SSD DA RESUBMISSION	19.10.20	JS	PL

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS - IMPACT ON NEIGHBOURING BUILDINGS 1 PM

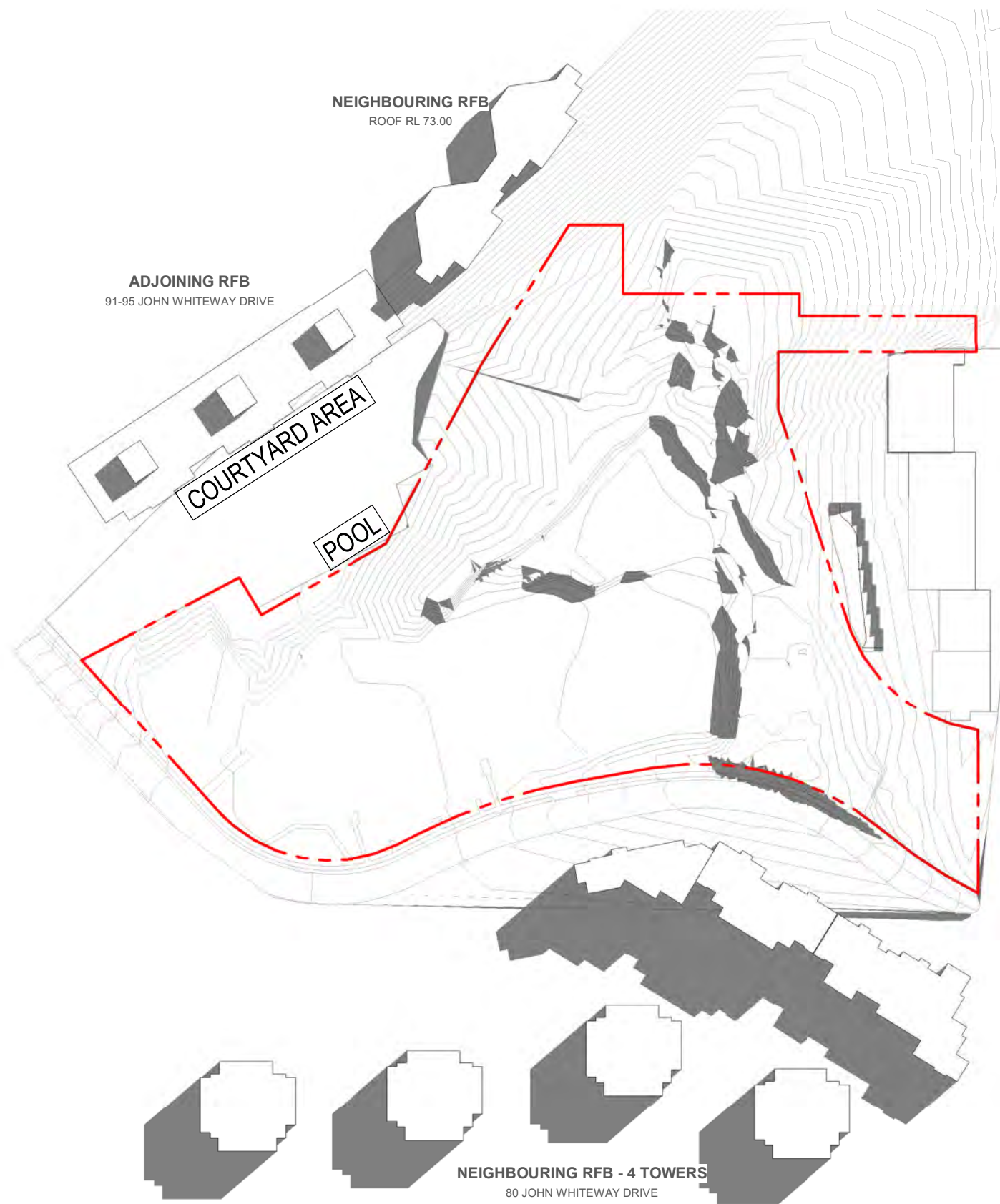
Location
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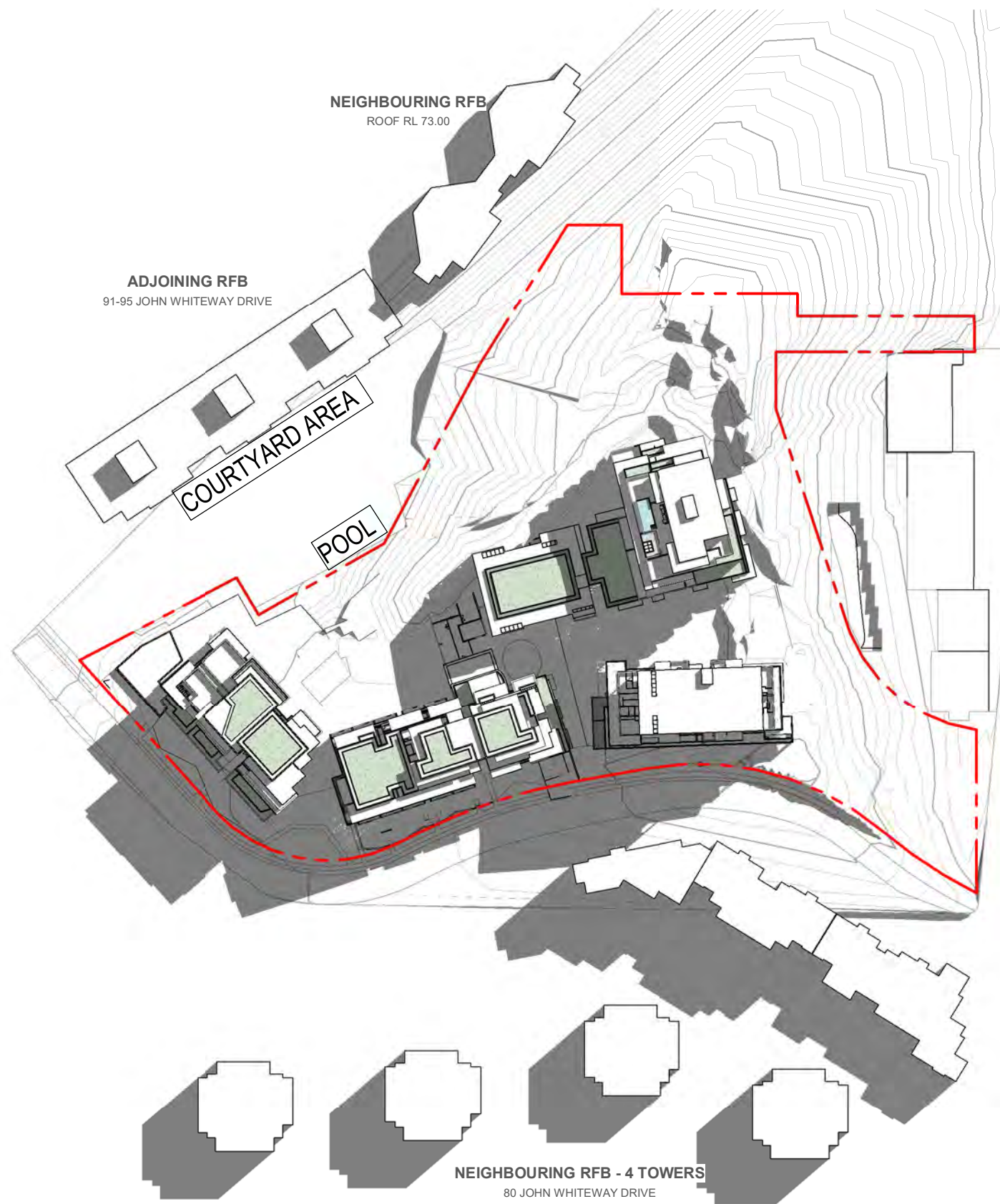
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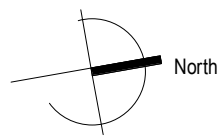
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1 IMPACT ON NEIGHBOURING BUILDINGS- 2PM 21 JUNE EXISTING
1: 1500



2 IMPACT ON NEIGHBOURING BUILDINGS- 2PM 21 JUNE PROPOSED
DA003.1 1: 1500



Issue	Description	Date	Chk	Auth
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3	SSD DA RESUBMISSION	19.03.21	JS	PL
2	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
1	SSD DA RESUBMISSION	19.10.20	JS	PL

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Member Australian Institute of Architects

Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS - IMPACT ON NEIGHBOURING BUILDINGS 2 PM

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number
19002

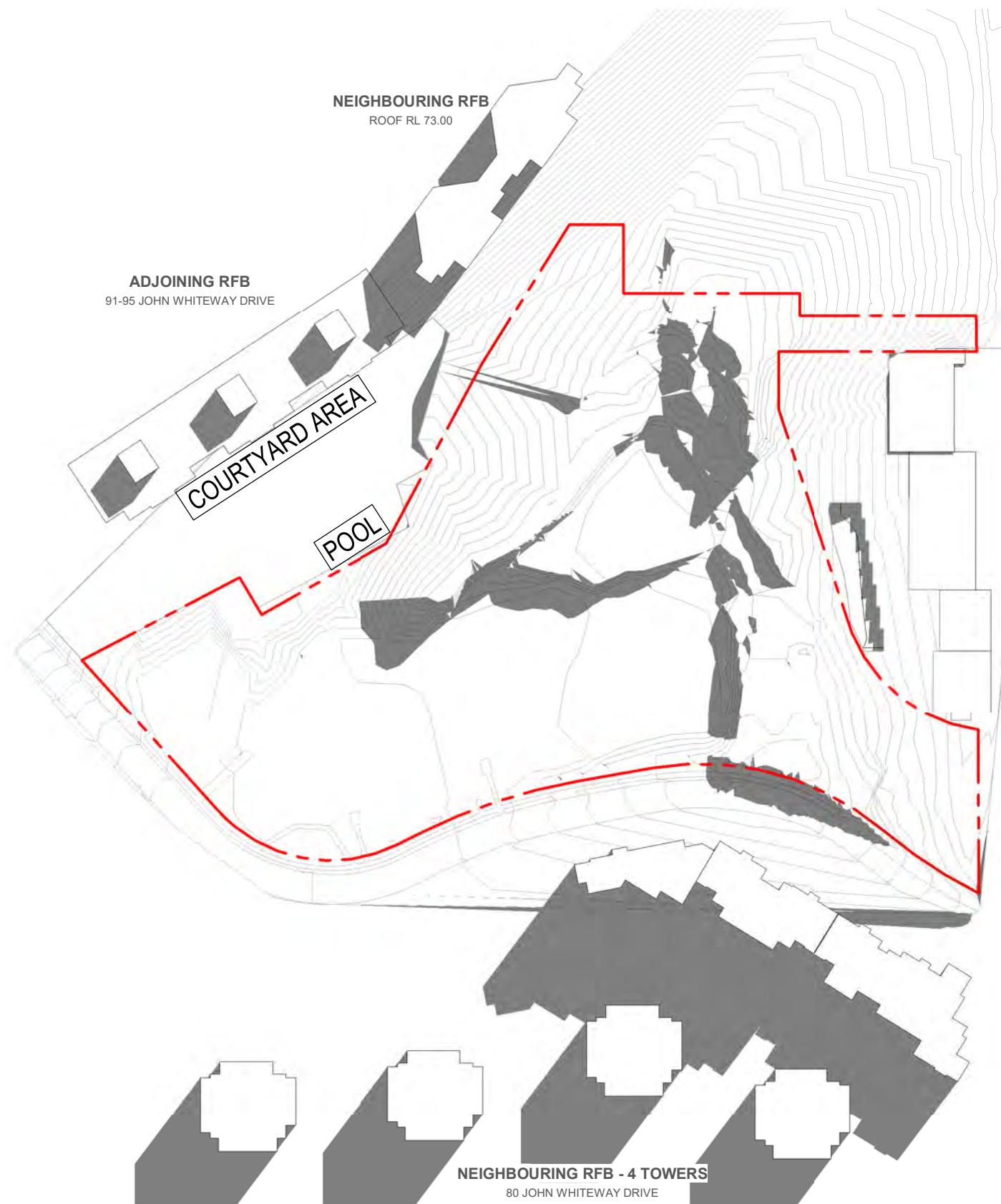
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Drawing Number
DA007.4.6.6

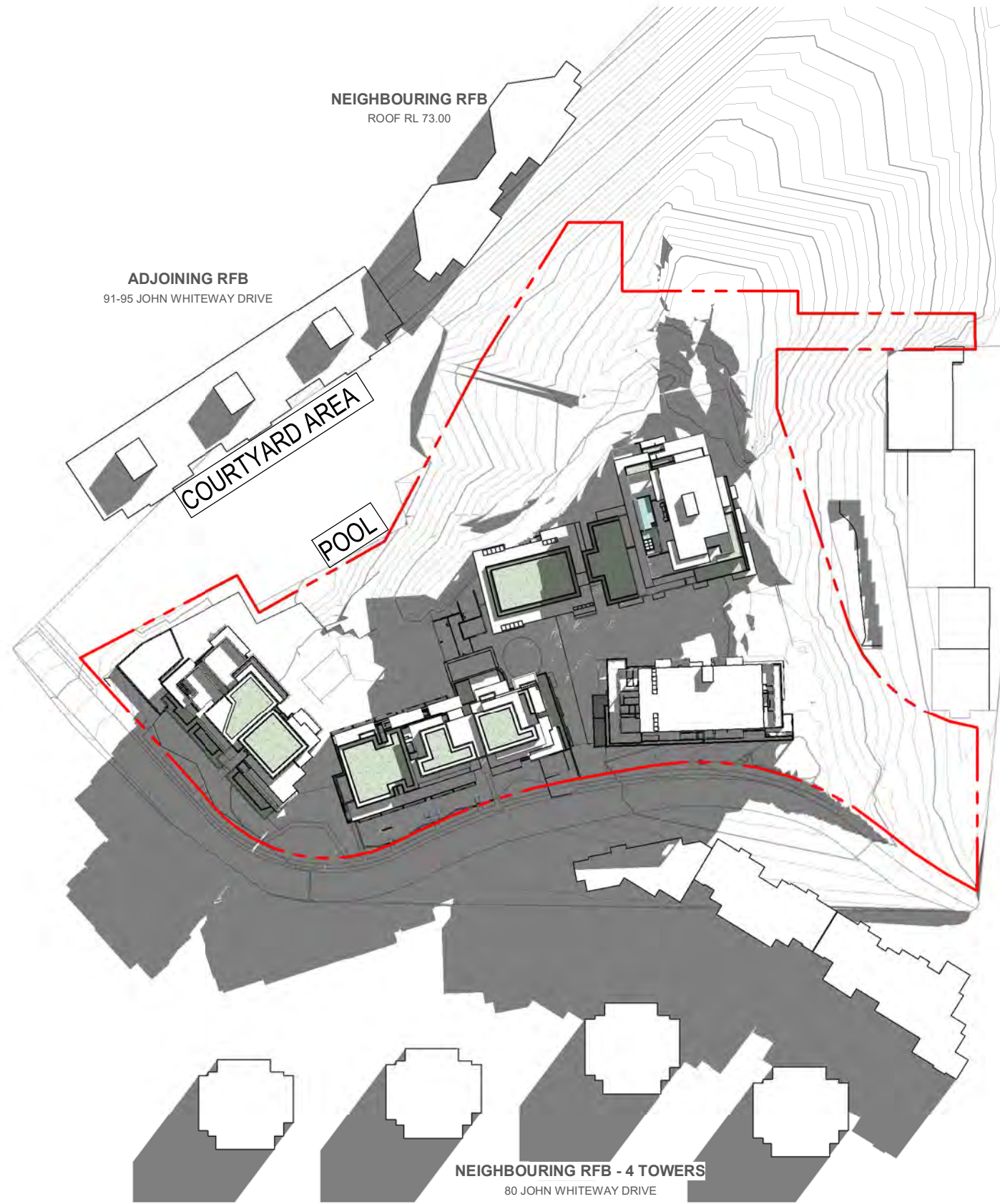
Issue
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28/05/2021 11:46:58 AM

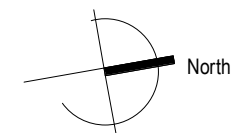
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1 IMPACT ON NEIGHBOURING BUILDINGS- 3PM 21 JUNE EXISTING
1 : 1500



2 IMPACT ON NEIGHNOURING BUILDINGS- 3PM 21 JUNE PROPOSED
DA003.1 1 : 1500



Issue	Description	Date	Chk	Auth
4	RTS RESUBMISSION	27.05.21	JS	PL
3	SSD DA RESUBMISSION	19.03.21	JS	PL
2	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
1	SSD DA RESUBMISSION	19.10.20	JS	PL

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SHADOW DIAGRAMS - IMPACT ON NEIGHBOURING BUILDINGS 3PM

Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number
19002

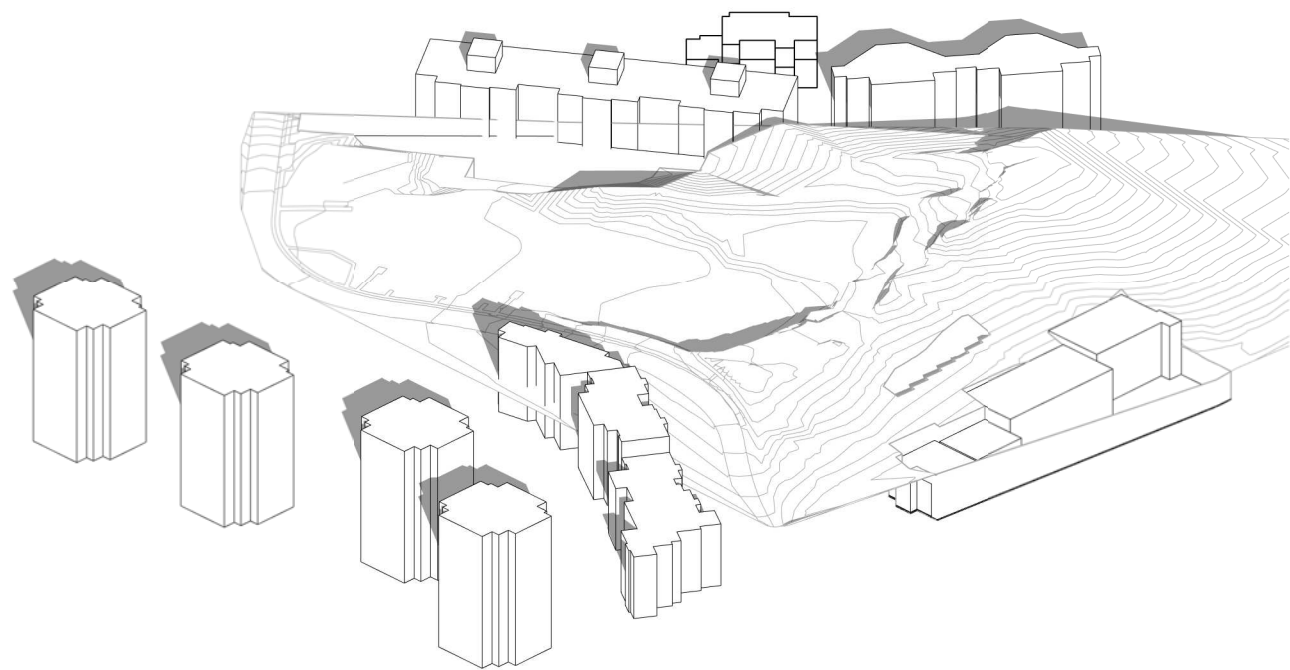
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Drawing Number
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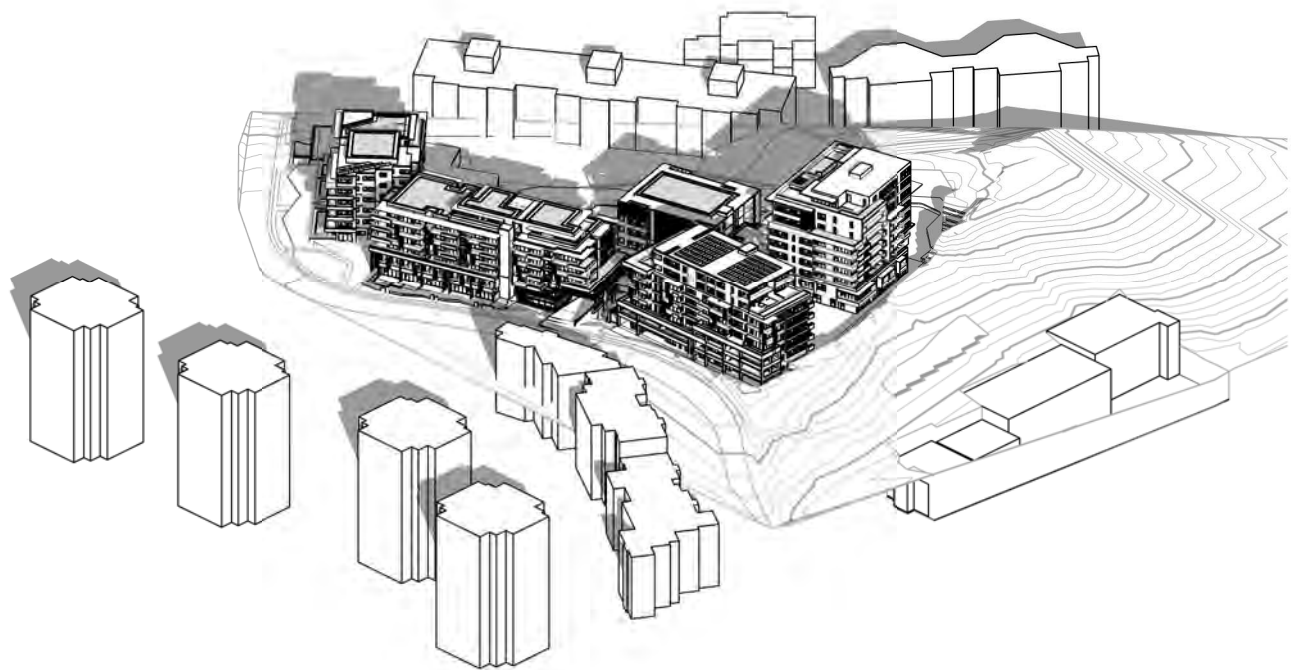
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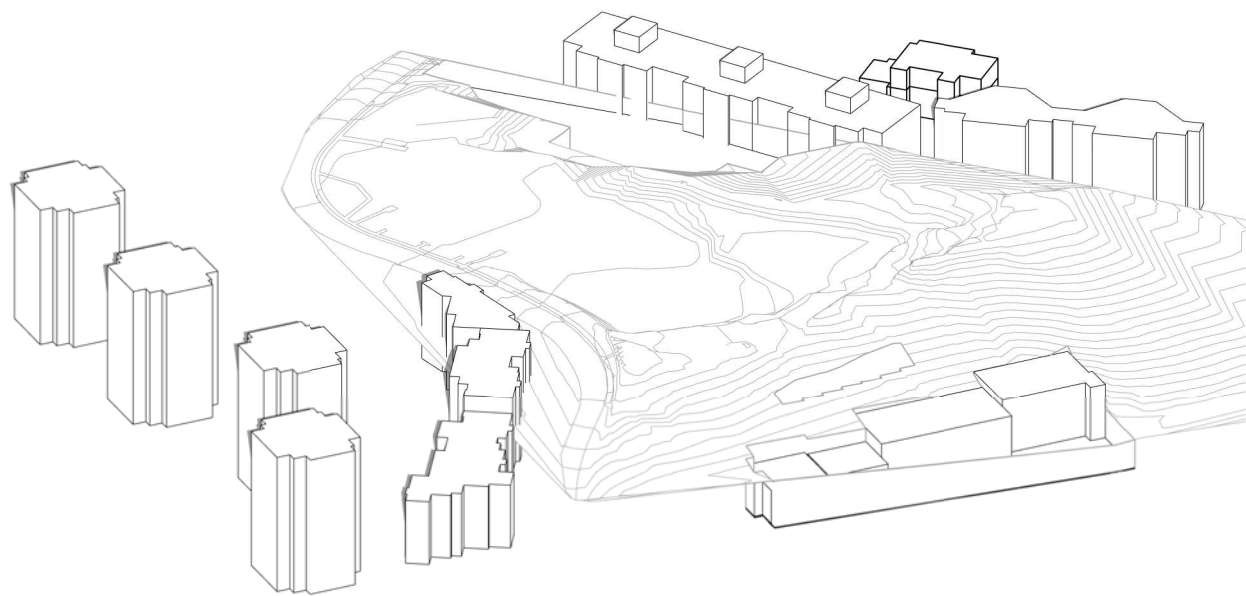
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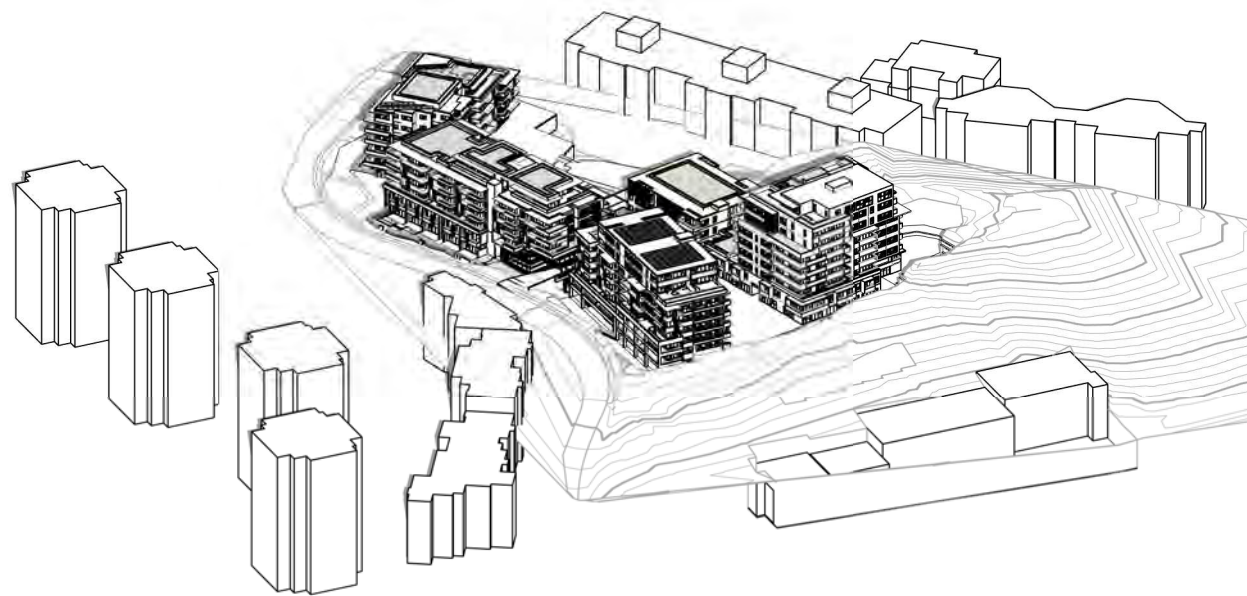
SUN EYE VIEW - JUNE 9 AM - EXISTING



SUN EYE VIEW - JUNE 9 AM - PROPOSED



SUN EYE VIEW - JUNE 10 AM - EXISTING



SUN EYE VIEW - JUNE 10 AM - PROPOSED

Issue	Description	Date	Chk	Auth
4	RTS RESUBMISSION	27.05.21	JS	PL
3	SSD DA RESUBMISSION	19.03.21	JS	PL
2	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
1	SSD DA RESUBMISSION	19.10.20	JS	PL

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Project

87 - 89 JOHN WHITEWAY DRIVE

Client

JWD DEVELOPMENTS PTY LTD

Drawing

SUN EYE VIEW STUDY 9 - 10 AM

Location

87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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Project Number

19002

Scale

@ A3

Drawing Number

DA007.4.6.8

Issue

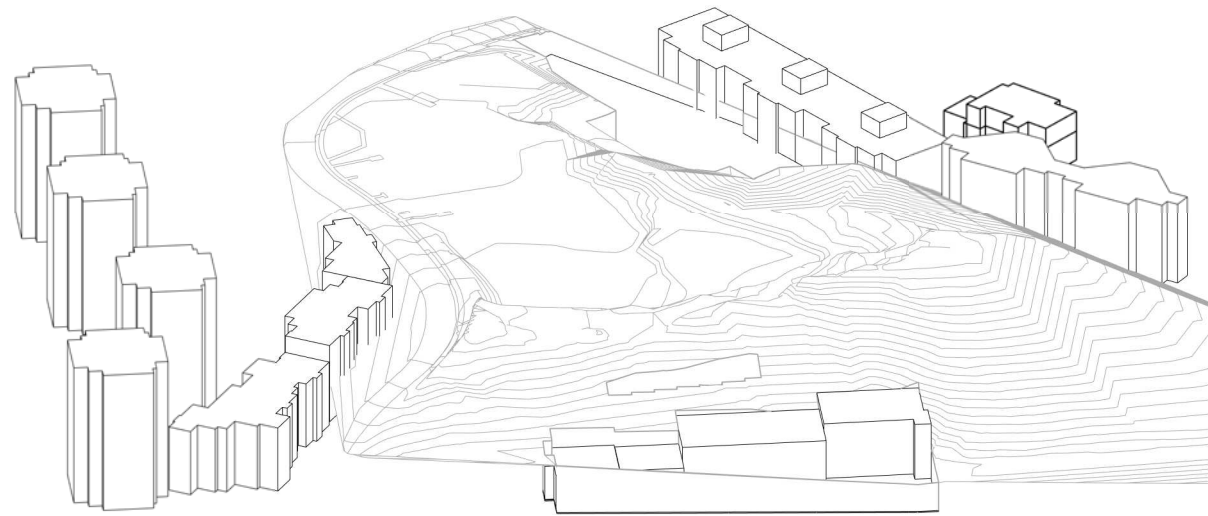
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Date Printed

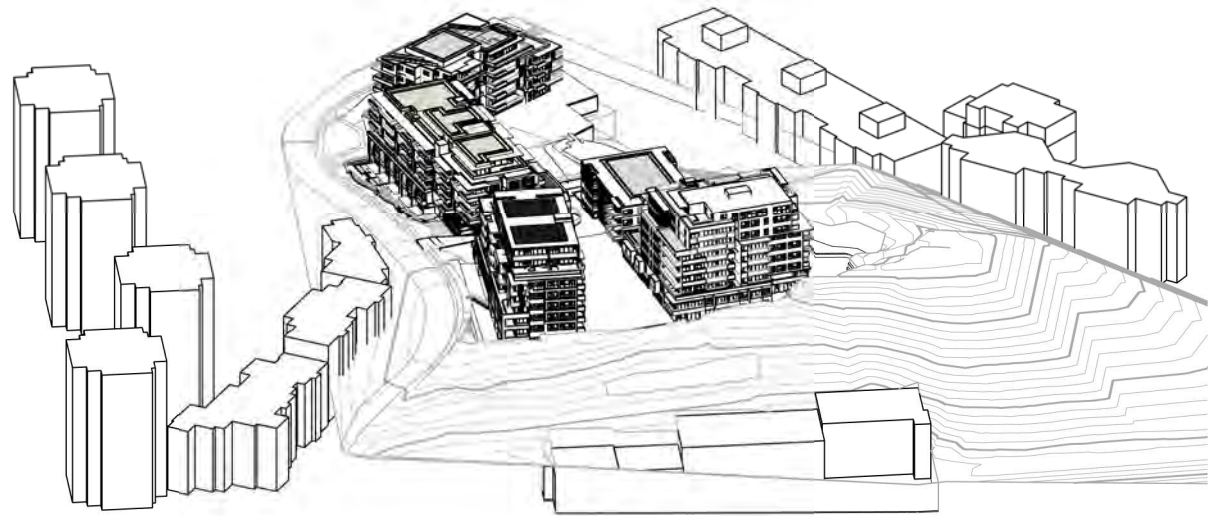
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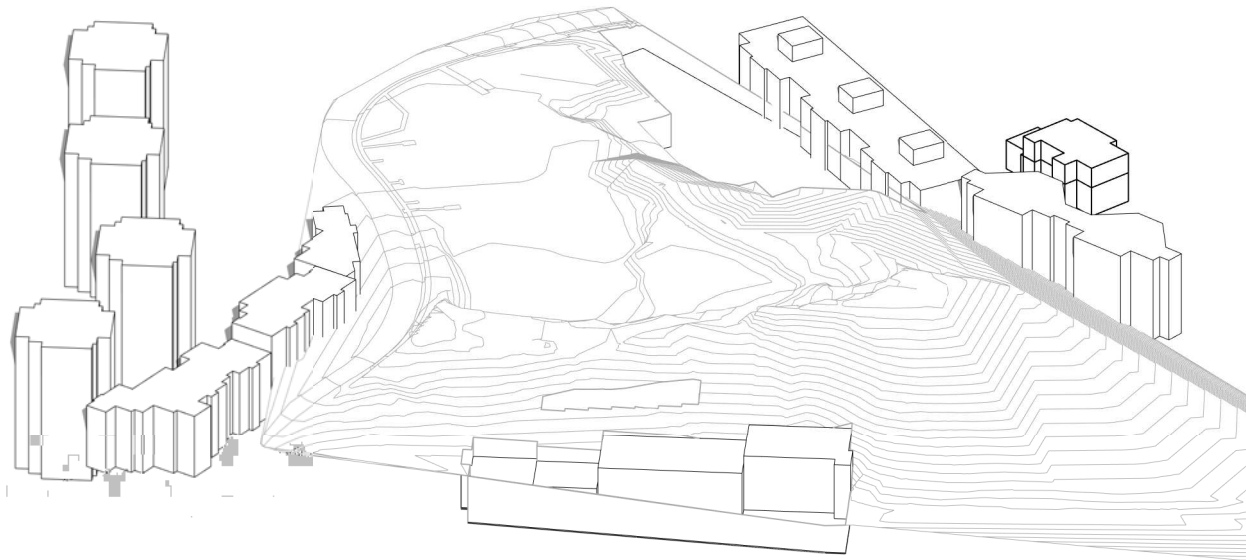
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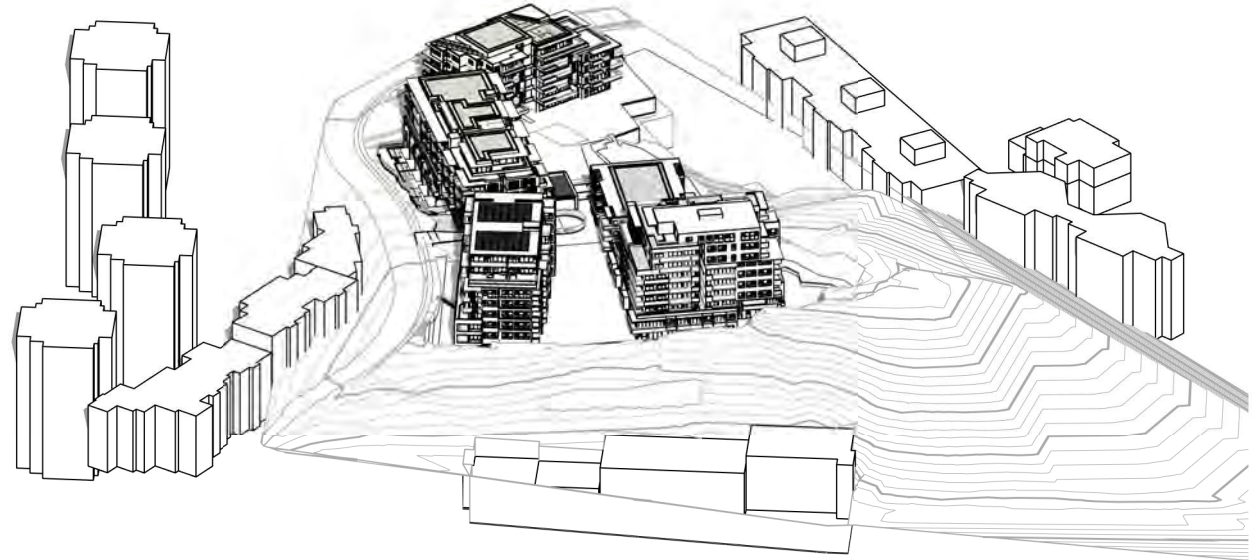
SUN EYE VIEW - JUNE 11 AM - EXISTING



SUN EYE VIEW - JUNE 11 AM - PROPOSED



SUN EYE VIEW - JUNE 12 PM - EXISTING



SUN EYE VIEW - JUNE 12 PM - PROPOSED

4	RTS RESUBMISSION	27.05.21	JS	PL
3	SSD DA RESUBMISSION	19.03.21	JS	PL
2	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
1	SSD DA RESUBMISSION	19.10.20	JS	PL
Issue	Description	Date	Chk	Auth

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SUN EYE VIEW STUDY 11 - 12 PM

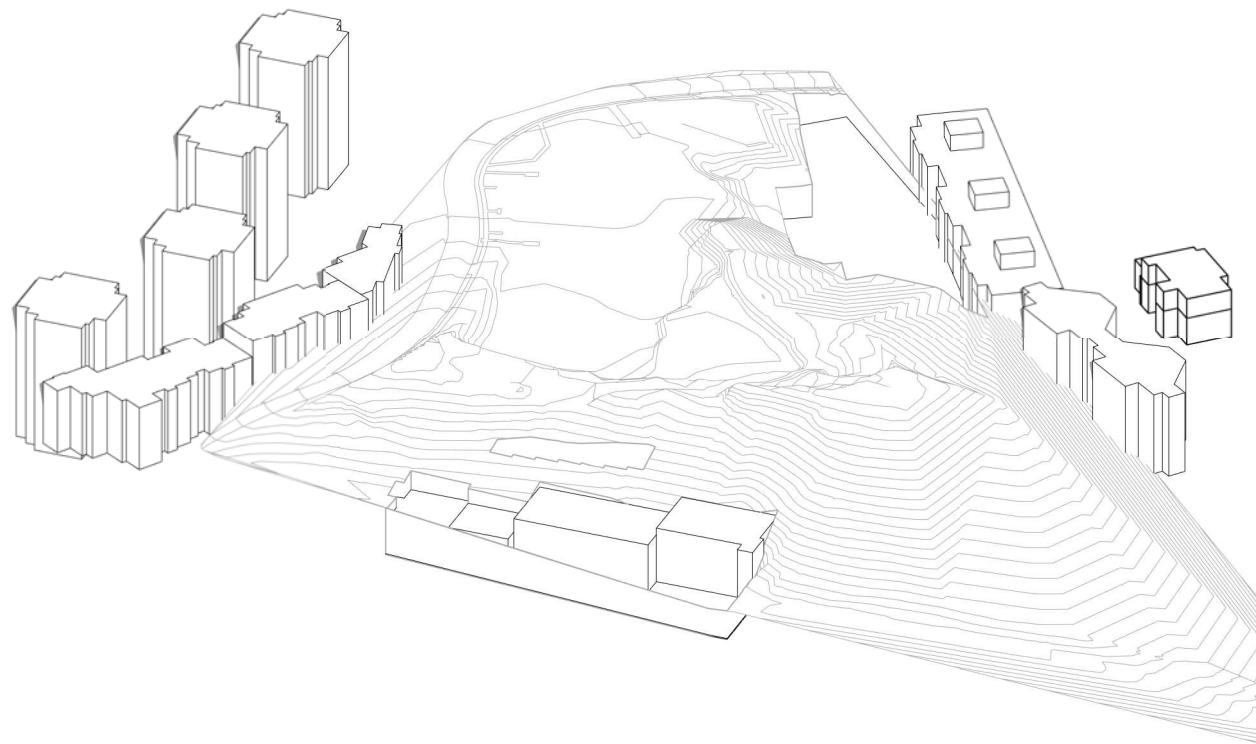
Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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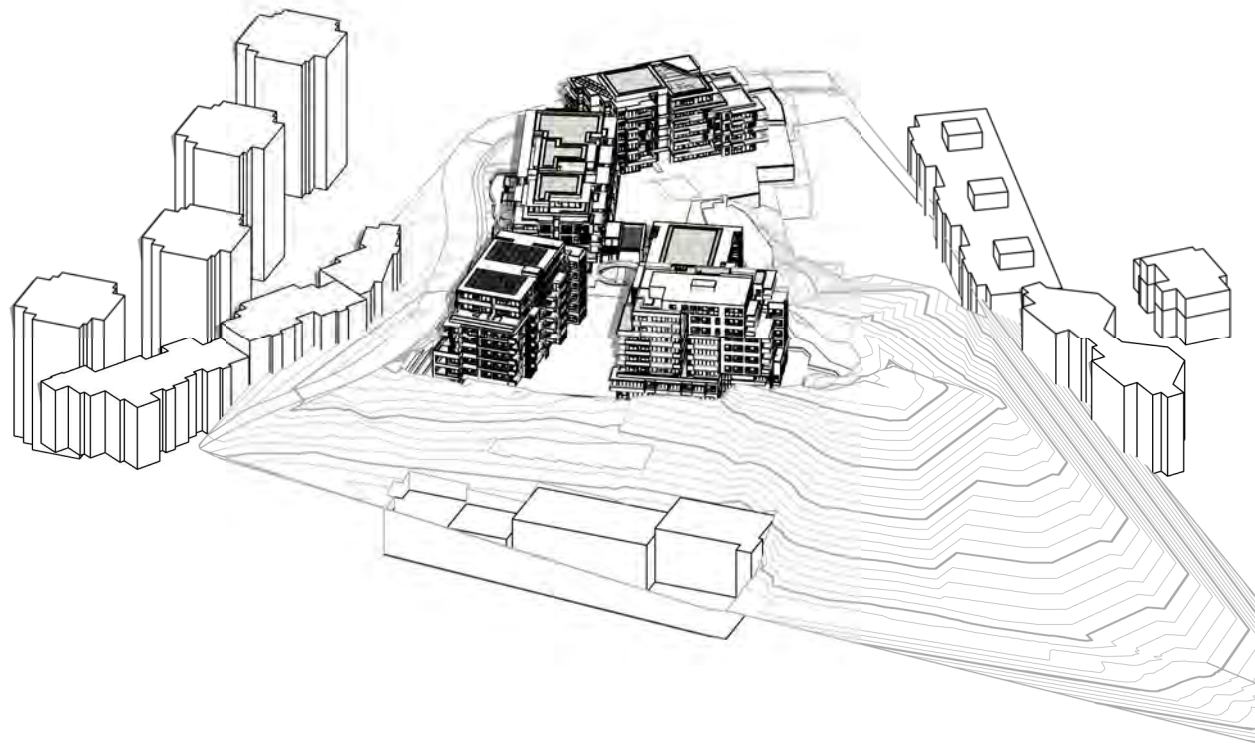
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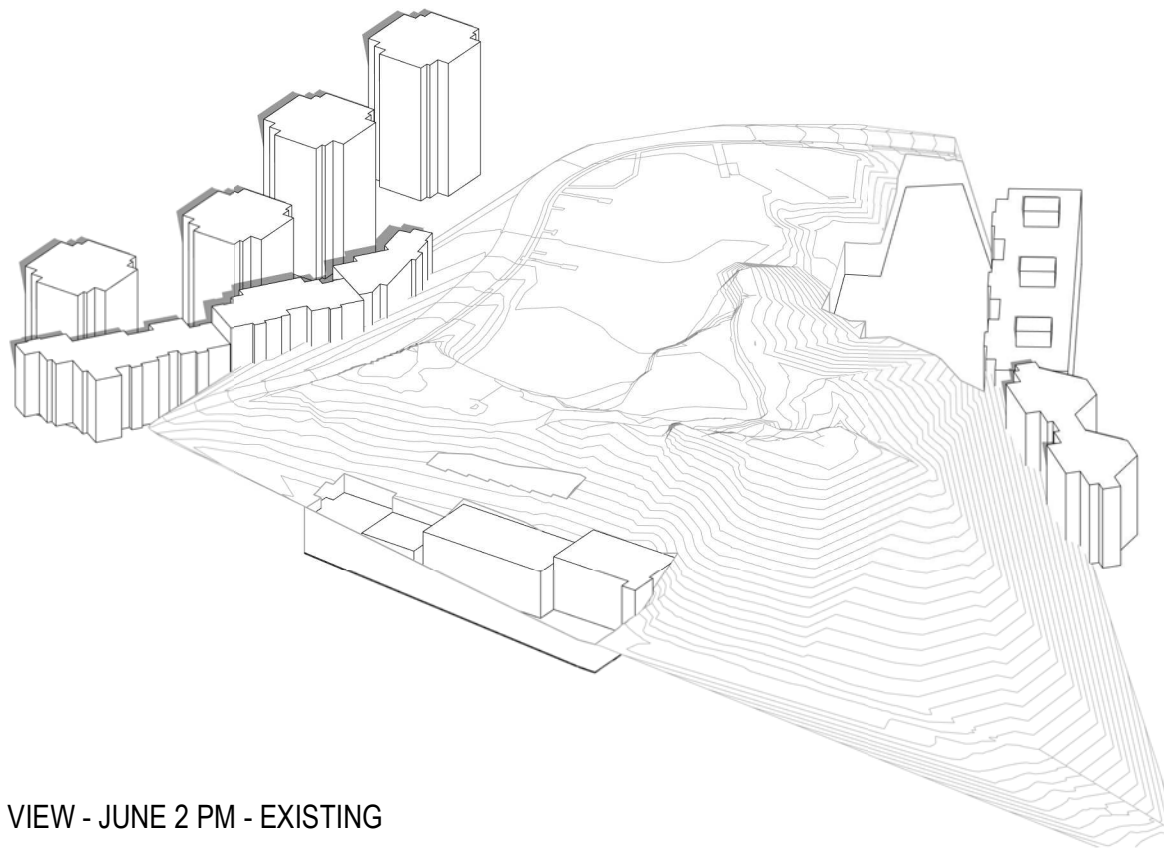
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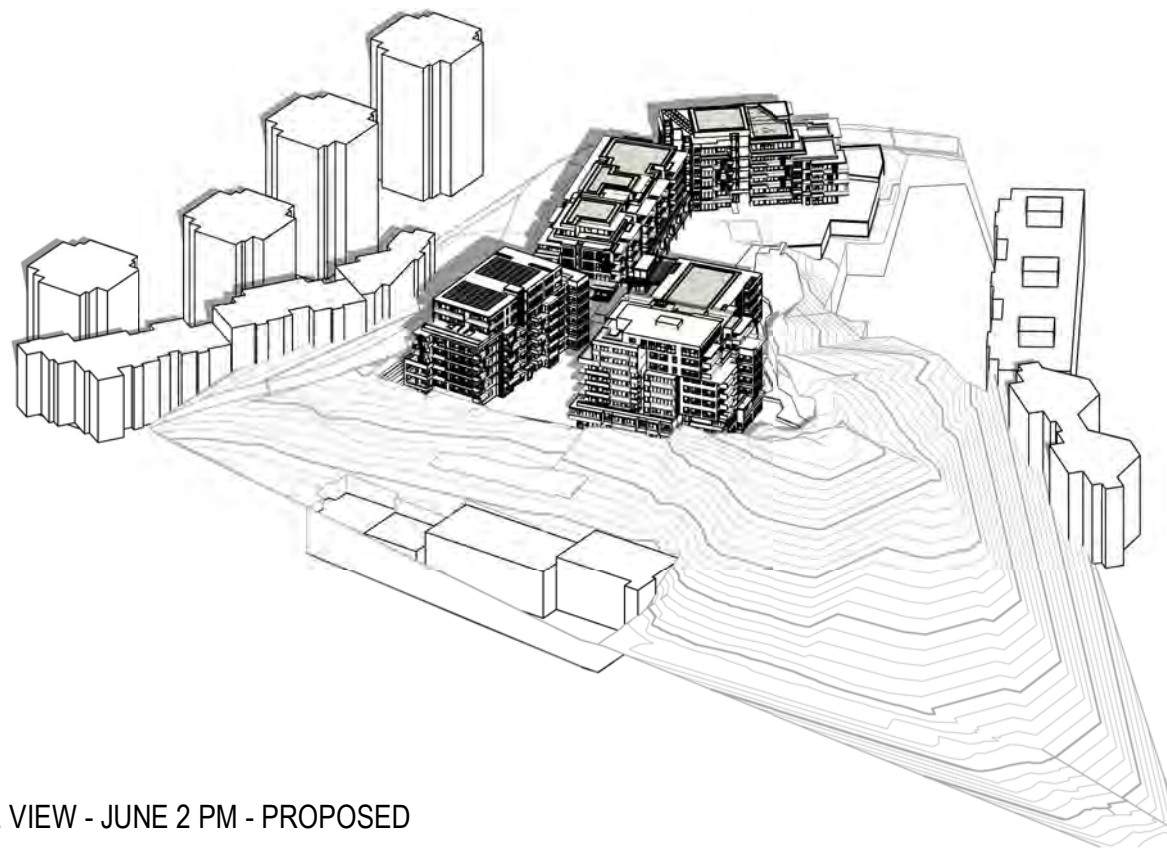
SUN EYE VIEW - JUNE 1 PM - EXISTING



SUN EYE VIEW - JUNE 1 PM - PROPOSED



SUN EYE VIEW - JUNE 2 PM - EXISTING



SUN EYE VIEW - JUNE 2 PM - PROPOSED

4	RTS RESUBMISSION	27.05.21	JS	PL
3	SSD DA RESUBMISSION	19.03.21	JS	PL
2	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
1	SSD DA RESUBMISSION	19.10.20	JS	PL
Issue	Description	Date	Chk	Auth

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87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SUN EYE VIEW STUDY 1 - 2 PM

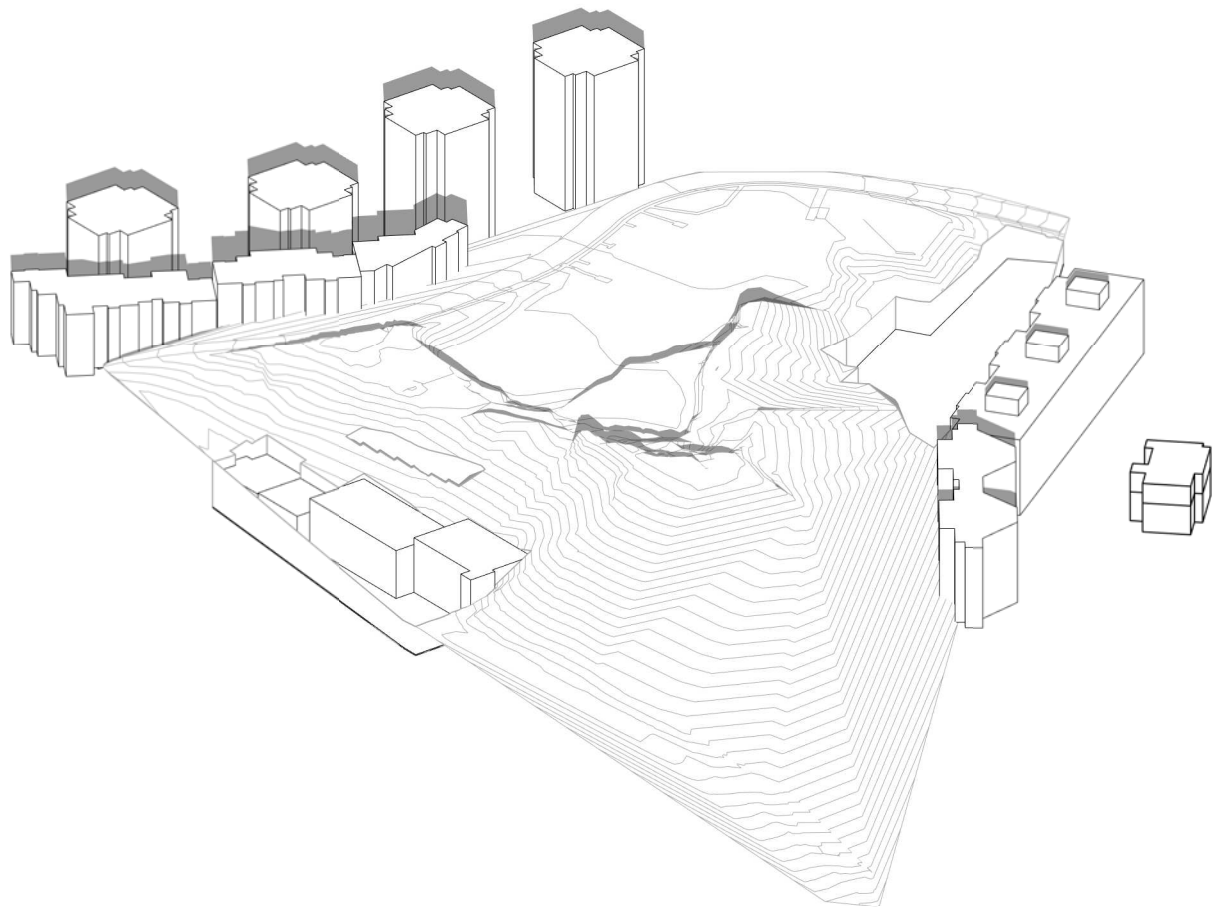
Location
87 - 89 JOHN WHITEWAY DRIVE, GOSFORD, NSW, 2250

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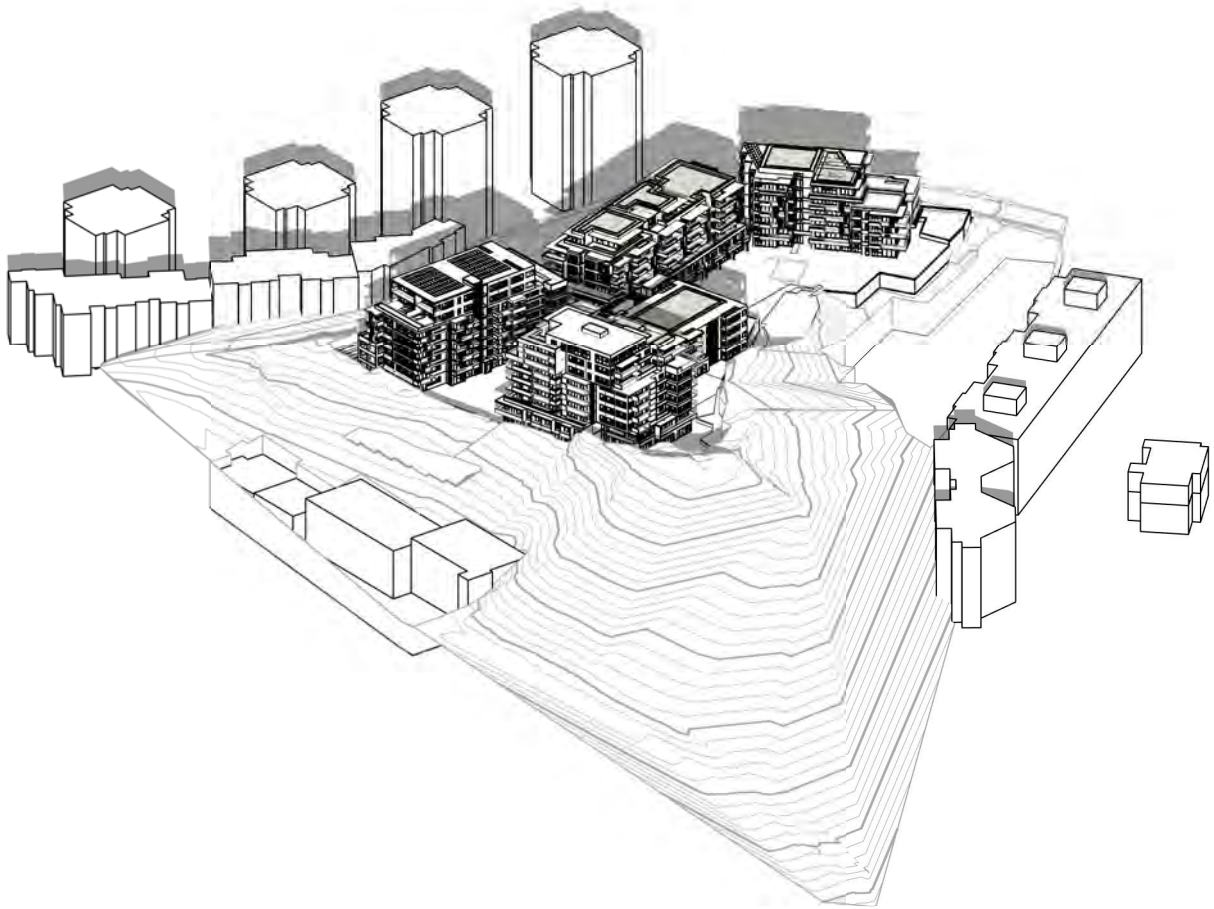
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SUN EYE VIEW - JUNE 3 PM - EXISTING



SUN EYE VIEW - JUNE 3 PM - PROPOSED

4	RTS RESUBMISSION	27.05.21	JS	PL
3	SSD DA RESUBMISSION	19.03.21	JS	PL
2	SSD DA RESUBMISSION (REVIEW)	10.03.21	JS	PL
1	SSD DA RESUBMISSION	19.10.20	JS	PL
Issue	Description	Date	Chk	Auth

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Project
87 - 89 JOHN WHITEWAY DRIVE

Client
JWD DEVELOPMENTS PTY LTD

Drawing
SUN EYE VIEW STUDY 3 PM

Location
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