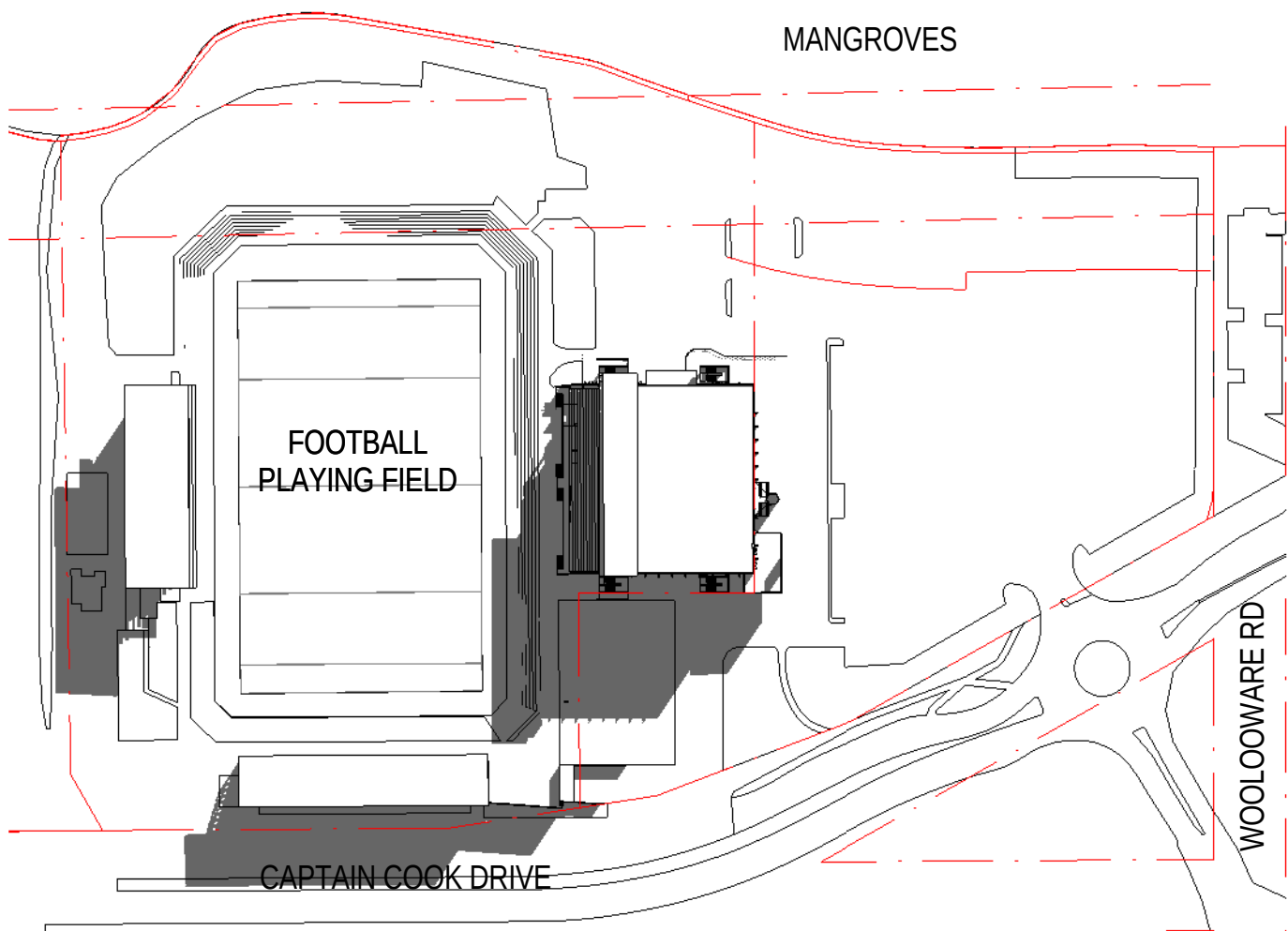
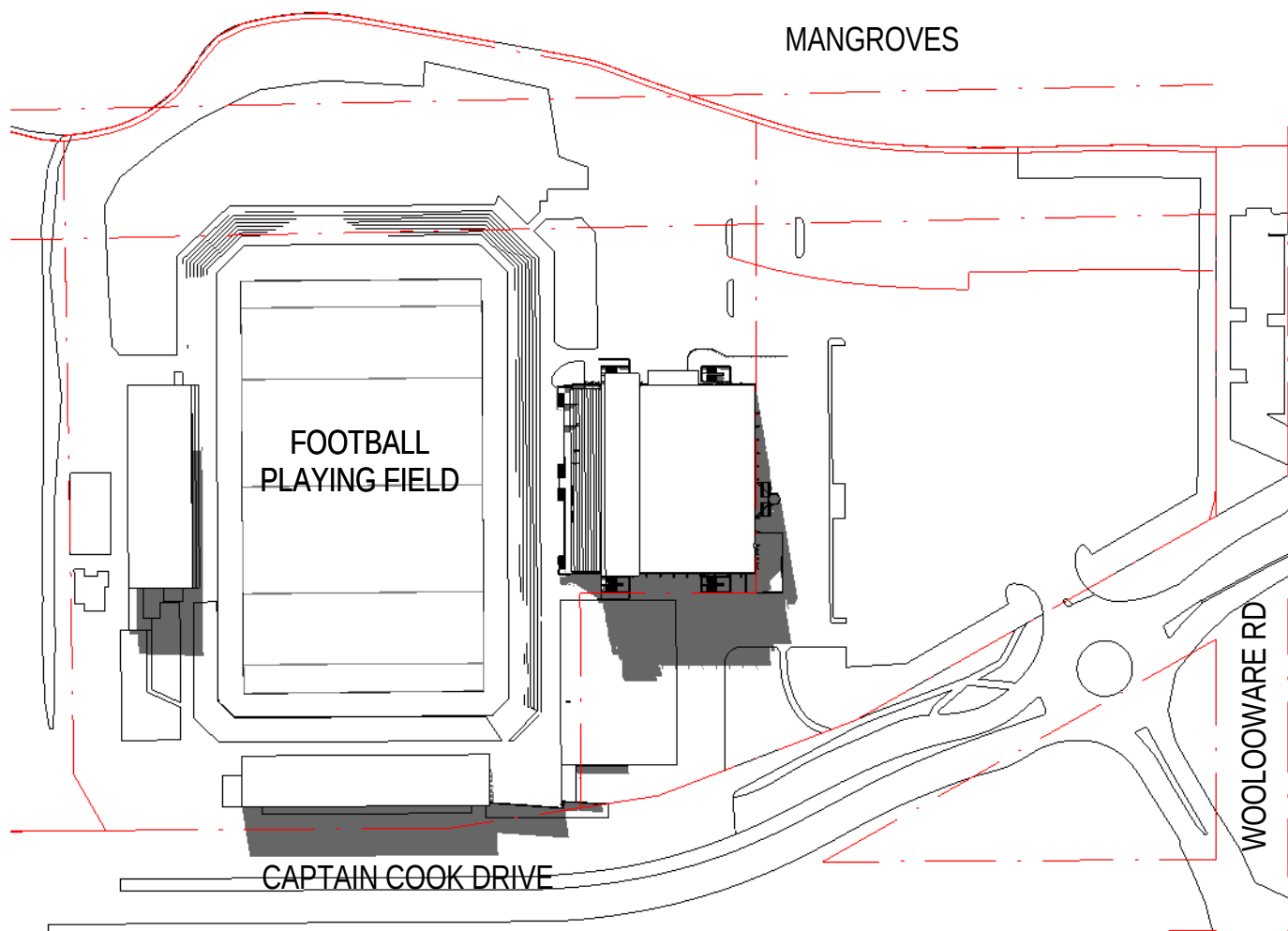


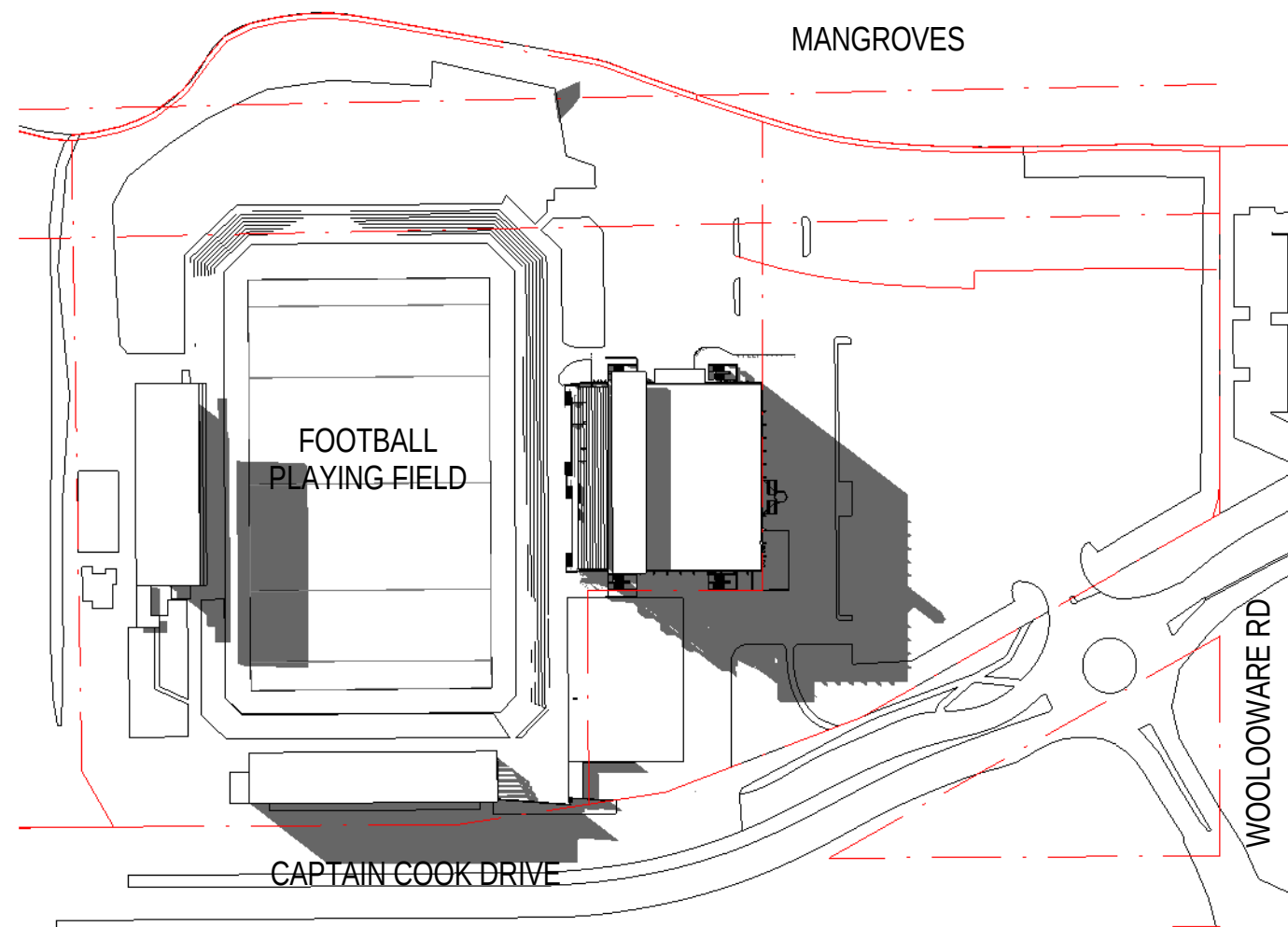
A	DRAFT - WORK IN PROGRESS	31/01/2013
1	FOR AUTHORITY APPROVAL	08/02/2013
2	FOR AUTHORITY APPROVAL	13/02/2013



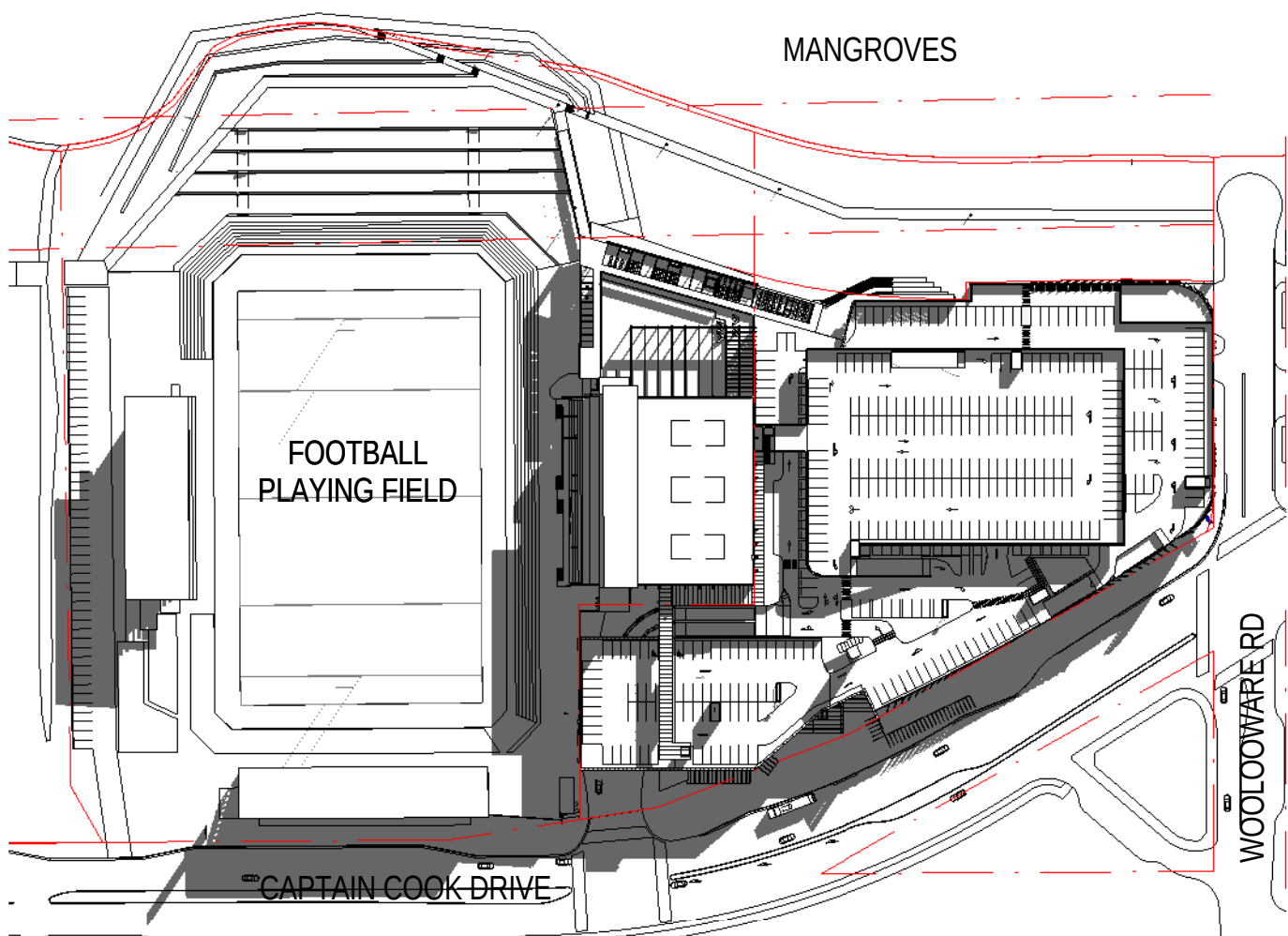
1 Shadow Diagram Existing - 21 June 9am
1 : 2000



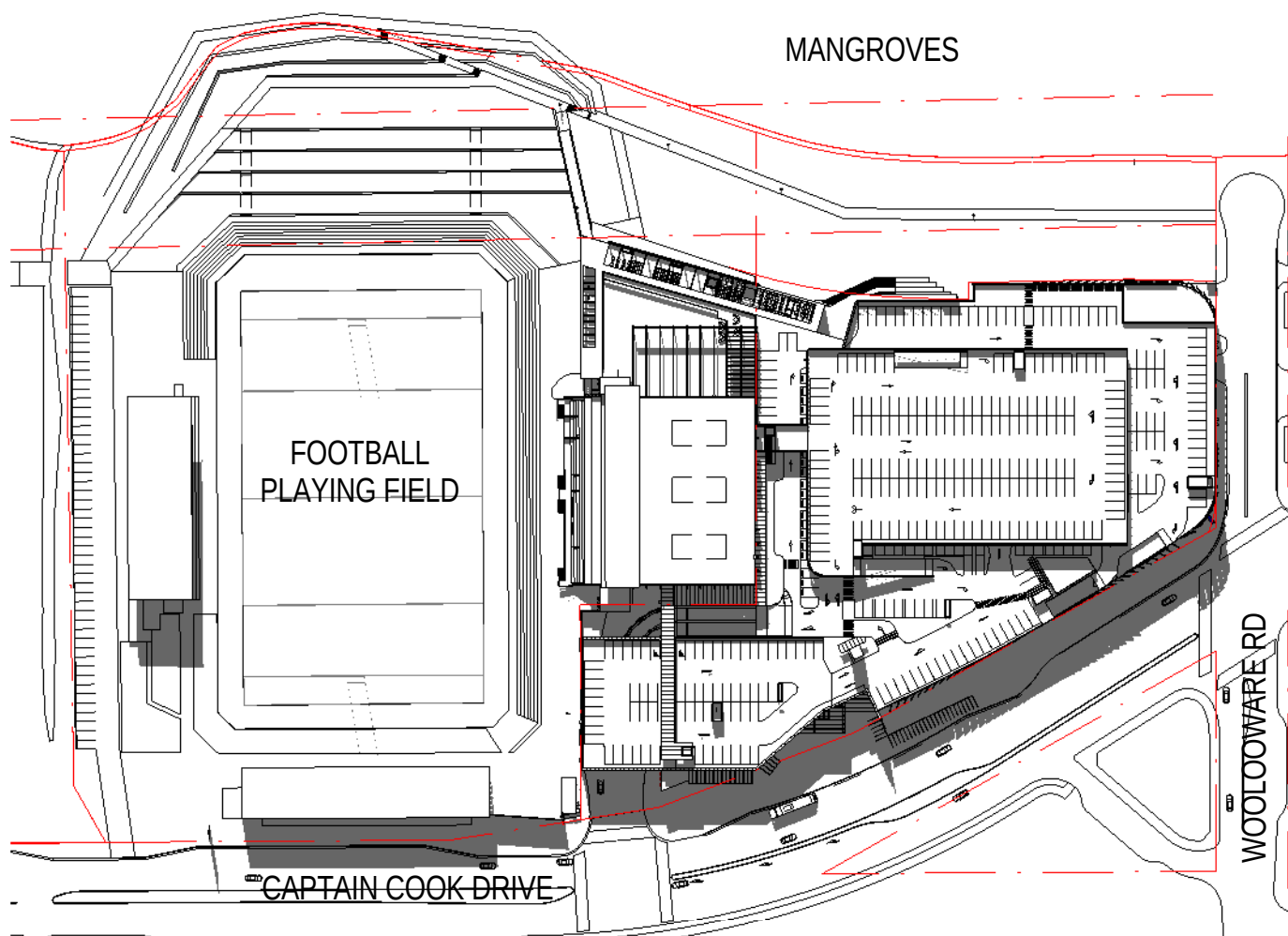
2 Shadow Diagram Existing - 21 June 12pm
1 : 2000



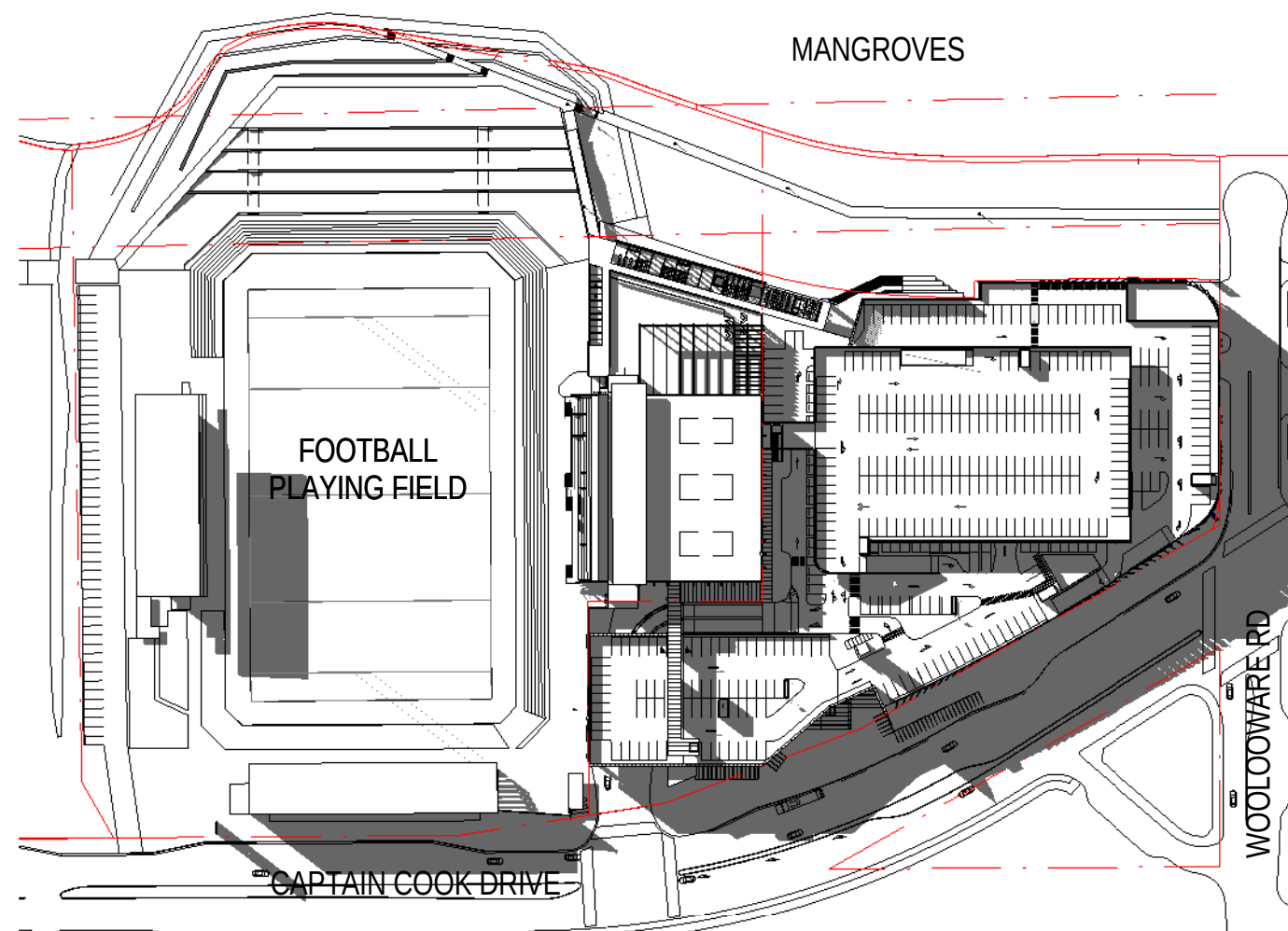
3 Shadow Diagram Existing - 21 June 3pm
1 : 2000



4 Shadow Diagram Proposed - 21 June 9am
1 : 2000

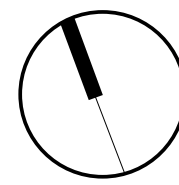
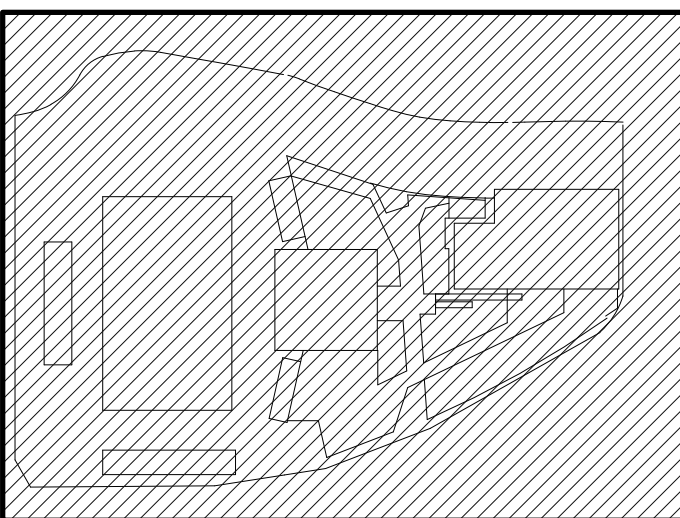


5 Shadow Diagram Proposed - 21 June 12pm
1 : 2000

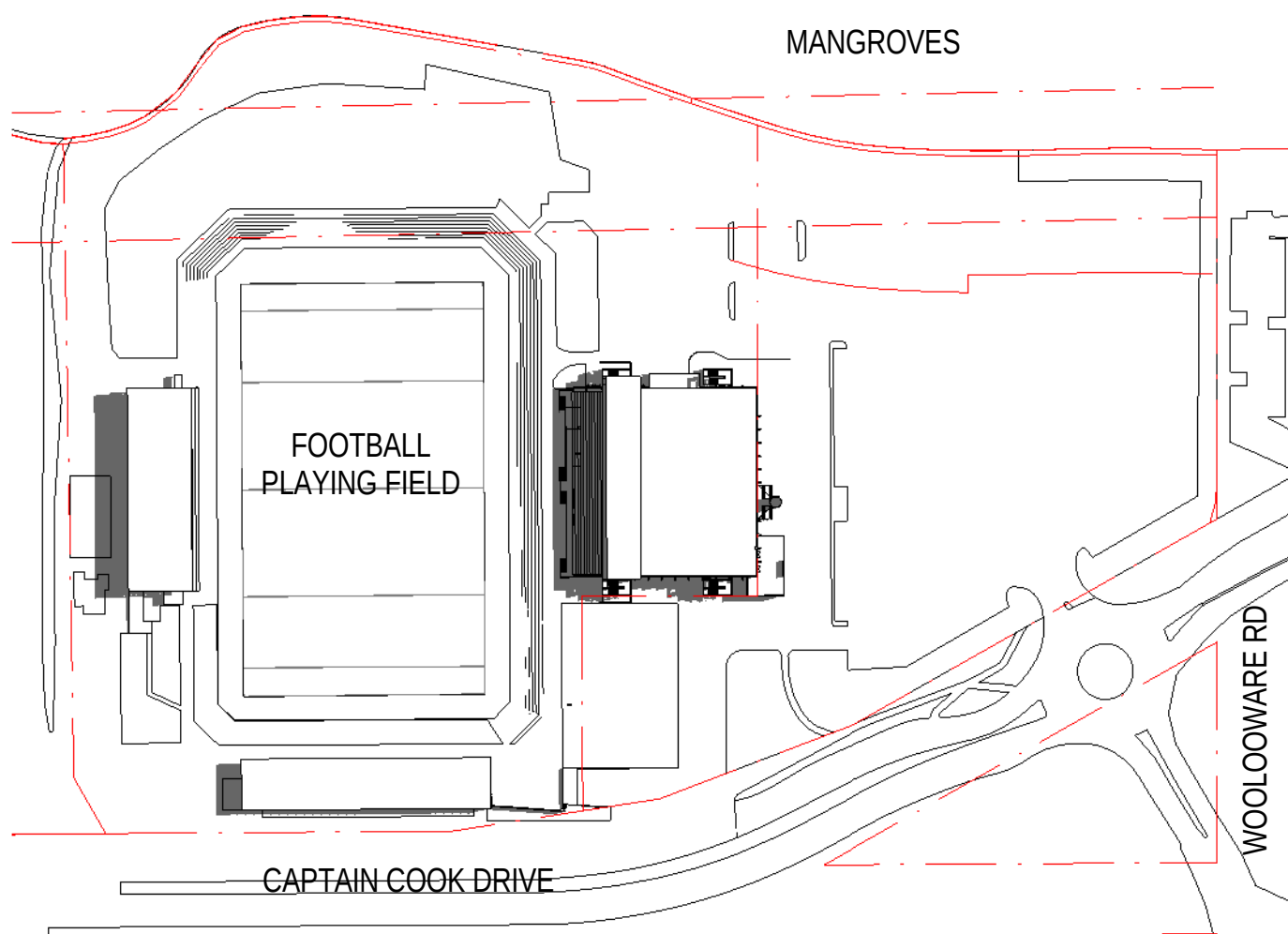


6 Shadow Diagram Proposed - 21 June 3pm
1 : 2000

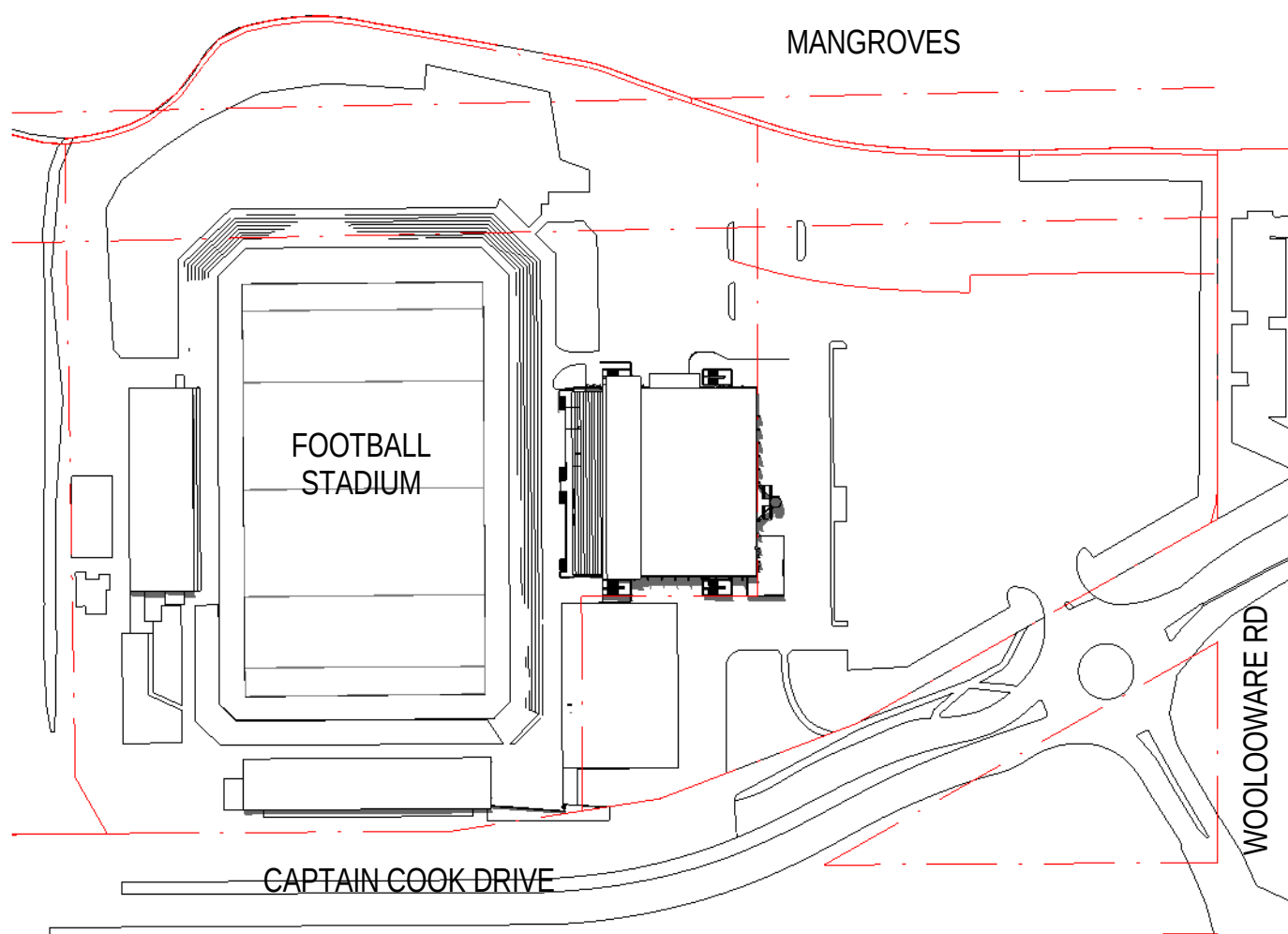
NOTE
1. SHADOWS GENERATED USING AUTODESK REVIT 2011.
2. EXISTING BUILDING MODEL AND FUTURE GRANDSTANDS MODEL GENERATED IN SKETCHUP VERSION 7. THIS MODEL IS AN INDICATIVE MODEL ONLY. IT IS INTENDED TO PROVIDE AN UNDERSTANDING OF THE EXISTING CONTEXT AND DOES NOT PROVIDE MEASURED 3D MODELS.
3. PROPOSED RETAIL AND CLUB SCHEME GENERATED USING AUTODESK REVIT 2011 BY SCOTT CARVER.
4. PROPOSED RESIDENTIAL SCHEME GENERATED IN SKETCHUP 8 BY TURNER + ASSOCIATES.



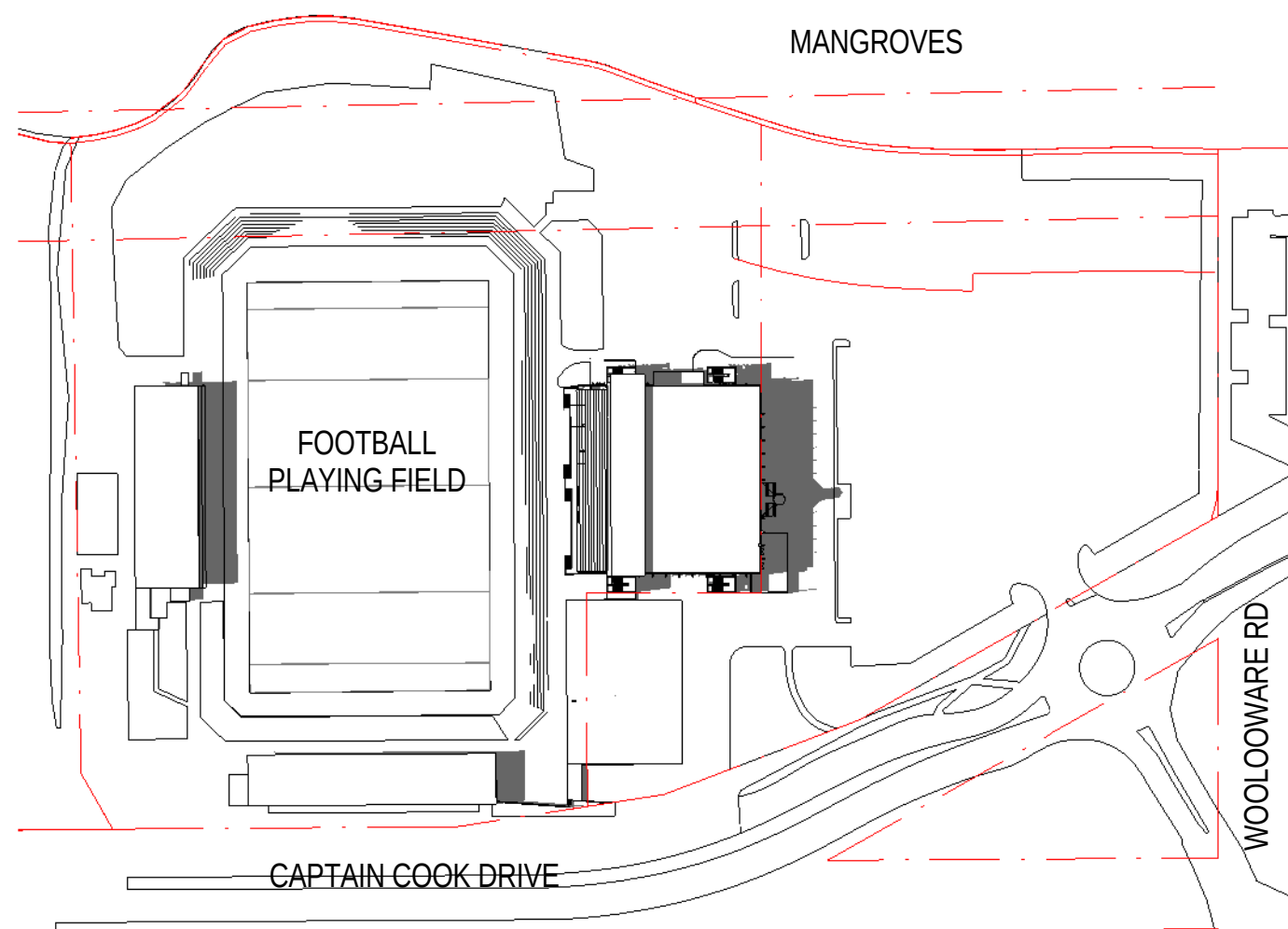
A	DRAFT - WORK IN PROGRESS	31/01/2013
1	FOR AUTHORITY APPROVAL	08/02/2013
2	FOR AUTHORITY APPROVAL	13/02/2013



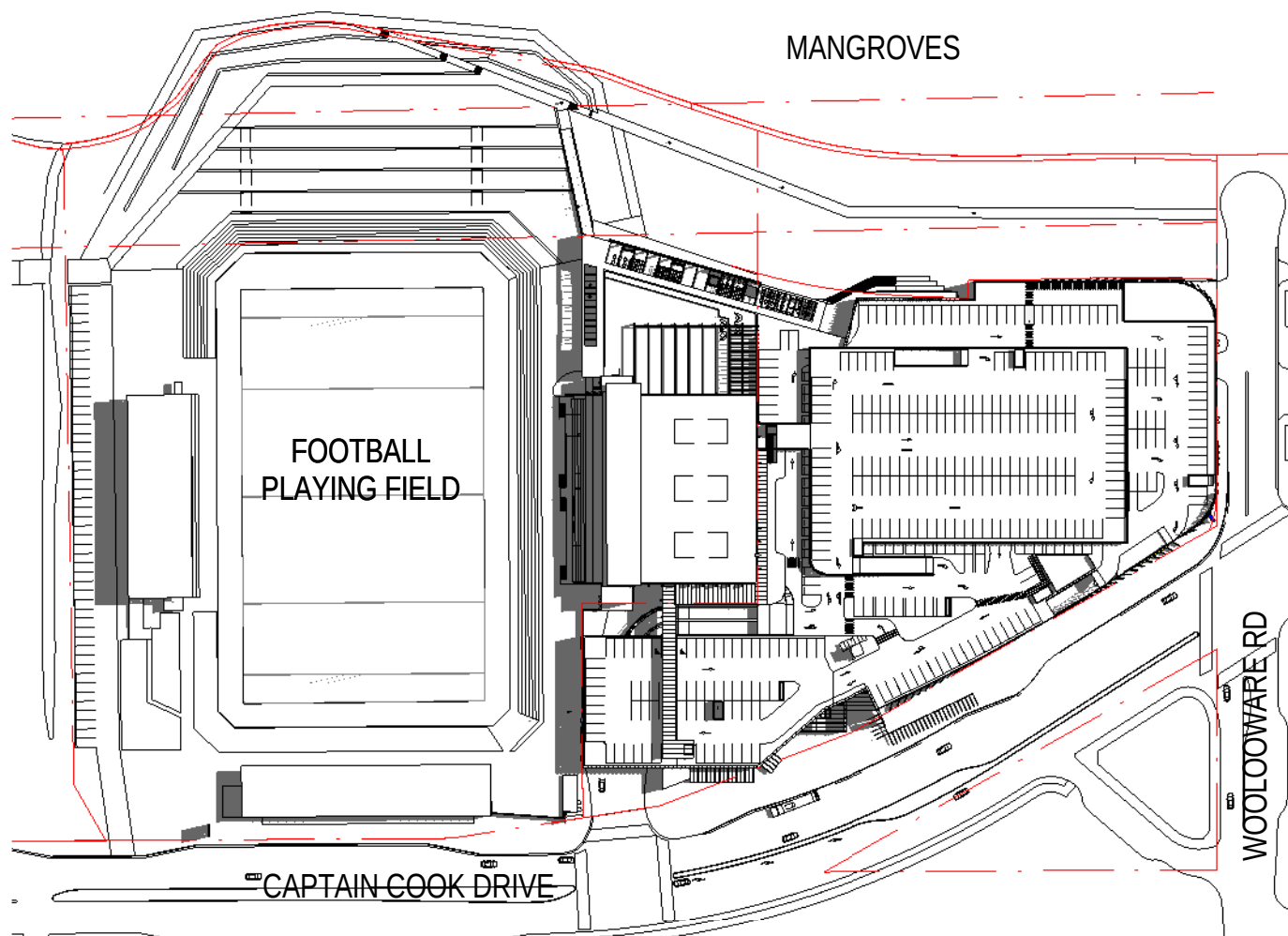
1 Shadow Diagram Existing - 21 Dec 9am
1 : 2000



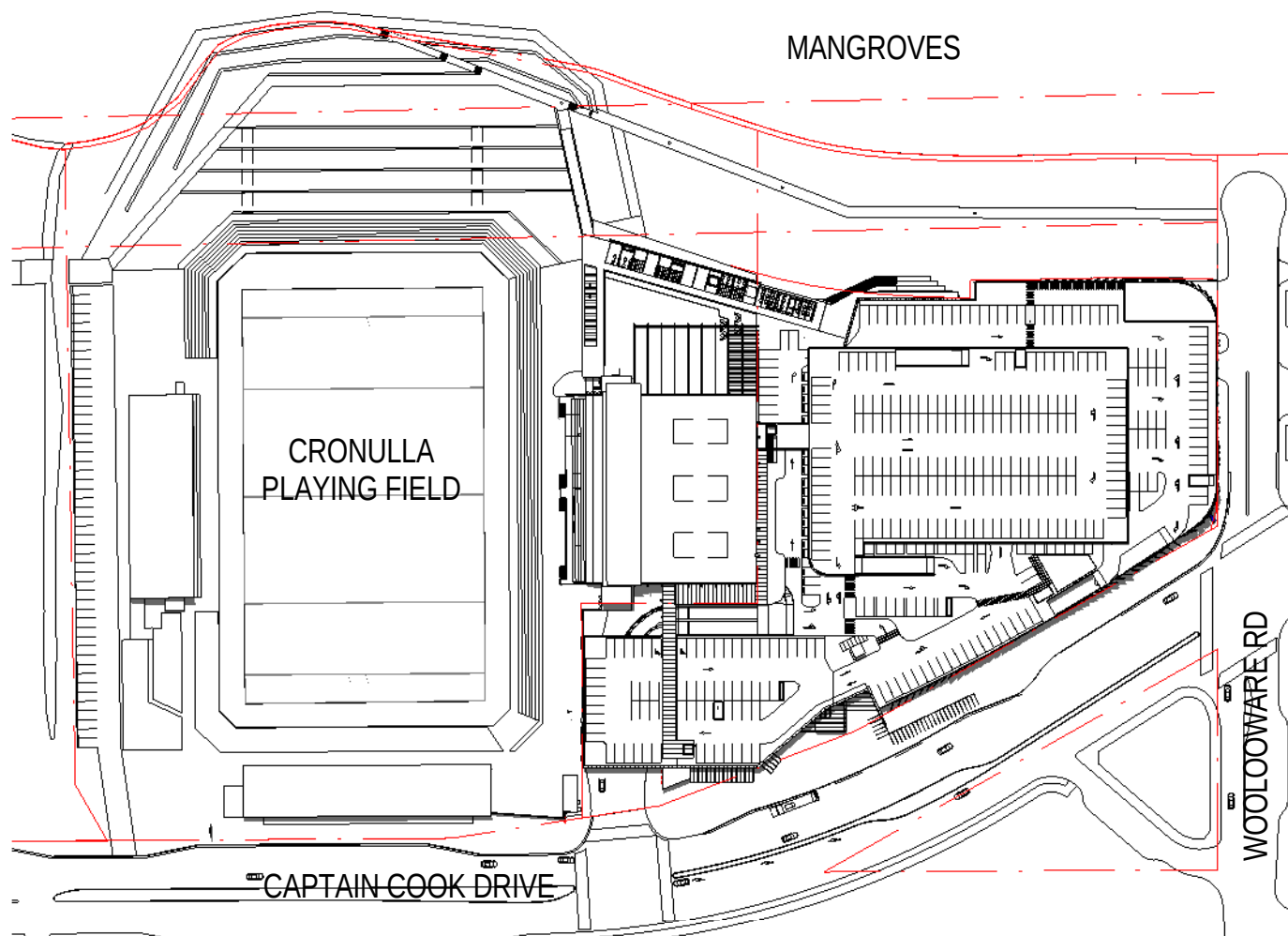
2 Shadow Diagram Existing - 21 Dec 12pm
1 : 2000



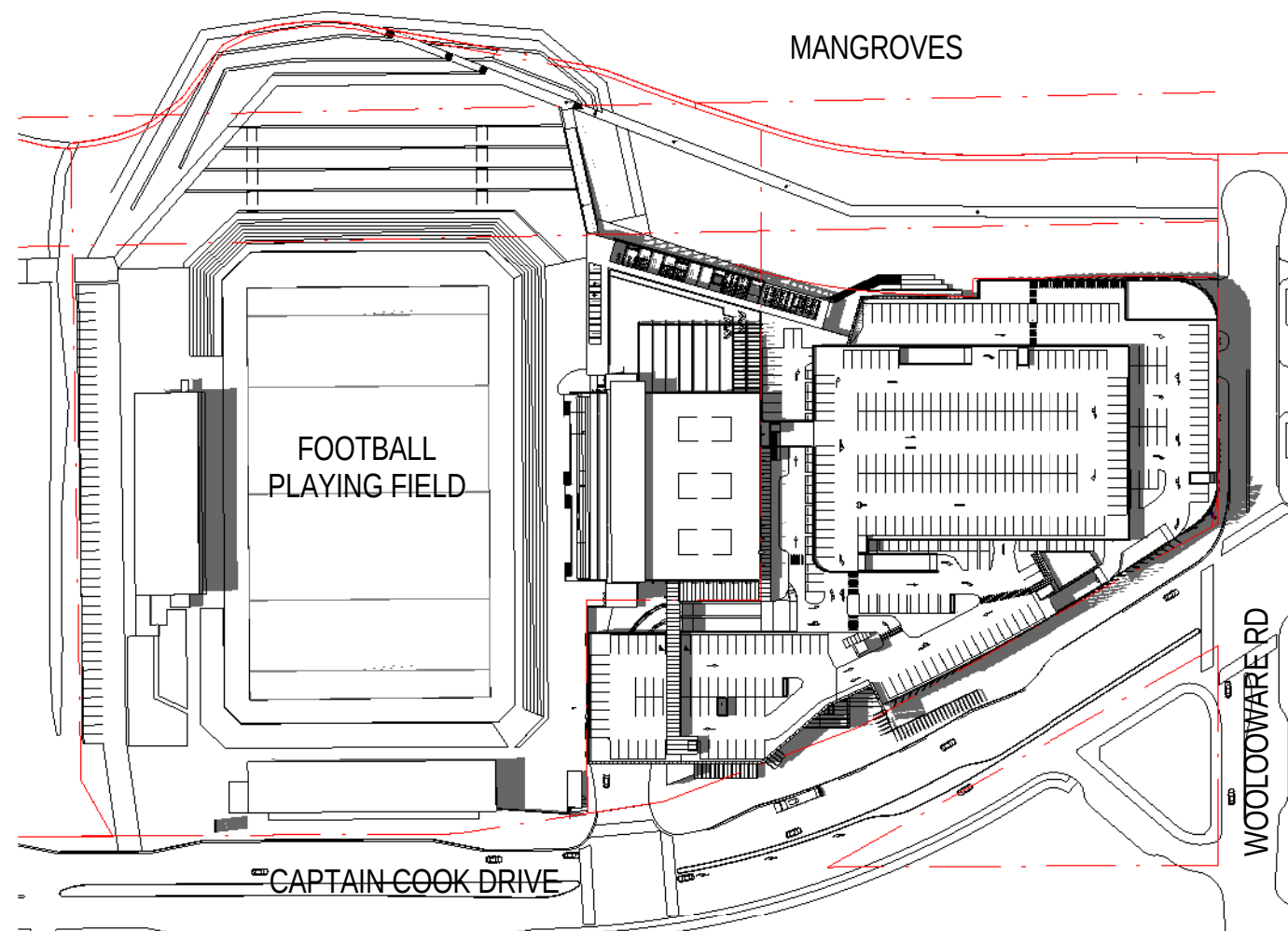
3 Shadow Diagram Existing - 21 Dec 3pm
1 : 2000



4 Shadow Diagram Proposed - 21 Dec 9am
1 : 2000

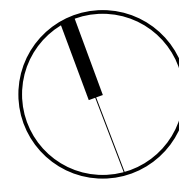
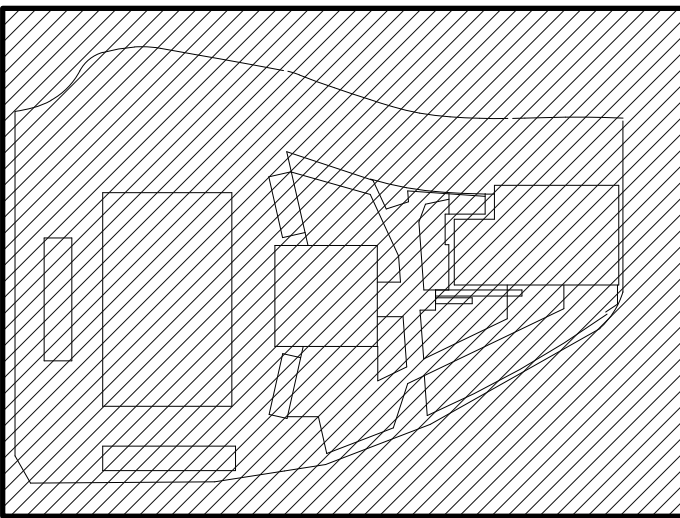


5 Shadow Diagram Proposed - 21 Dec 12pm
1 : 2000

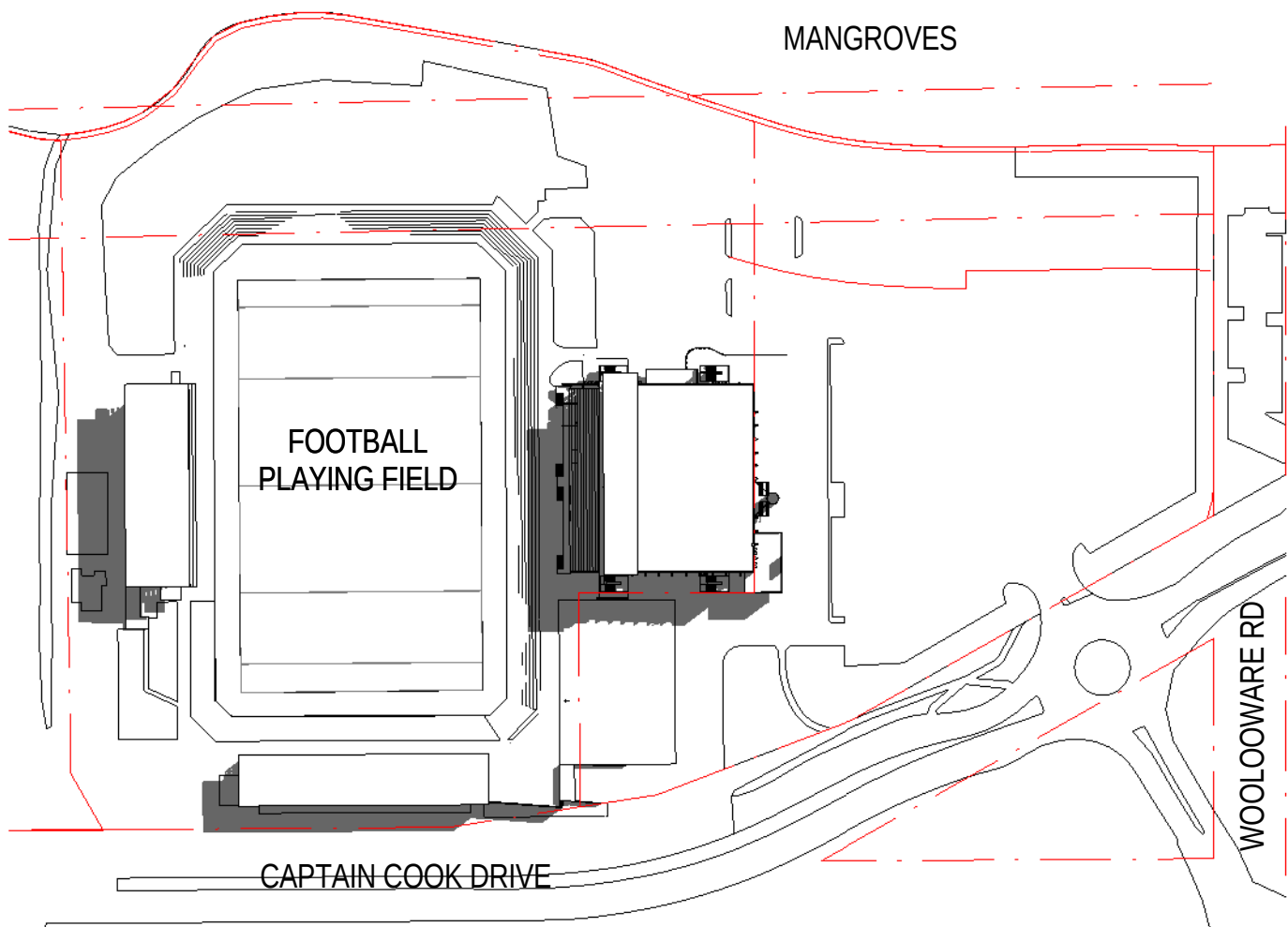


6 Shadow Diagram Proposed - 21 Dec 3pm
1 : 2000

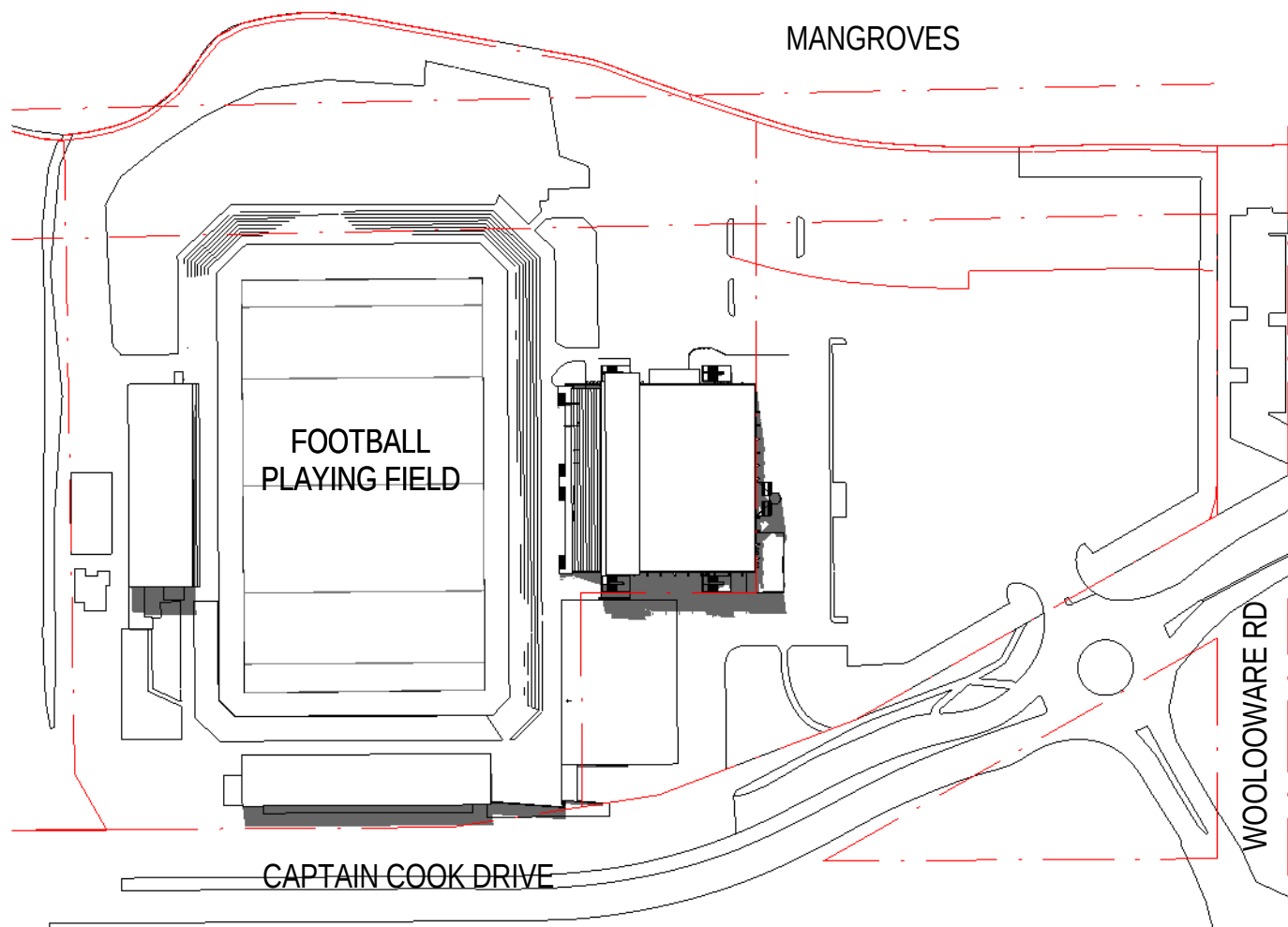
NOTE
1. SHADOWS GENERATED USING AUTODESK REVIT 2011.
2. EXISTING BUILDING MODEL AND FUTURE GRANDSTANDS MODEL GENERATED IN SKETCH UP VERSION 7. THIS MODEL IS AN INDICATIVE MODEL ONLY. IT IS INTENDED TO PROVIDE AN UNDERSTANDING OF THE EXISTING CONTEXT AND DOES NOT PROVIDE MEASURED 3D MODELS.
3. PROPOSED RETAIL AND CLUB SCHEME GENERATED USING AUTODESK REVIT 2011 BY SCOTT CARVER.
4. PROPOSED RESIDENTIAL SCHEME GENERATED IN SKETCHUP 8 BY TURNER + ASSOCIATES.



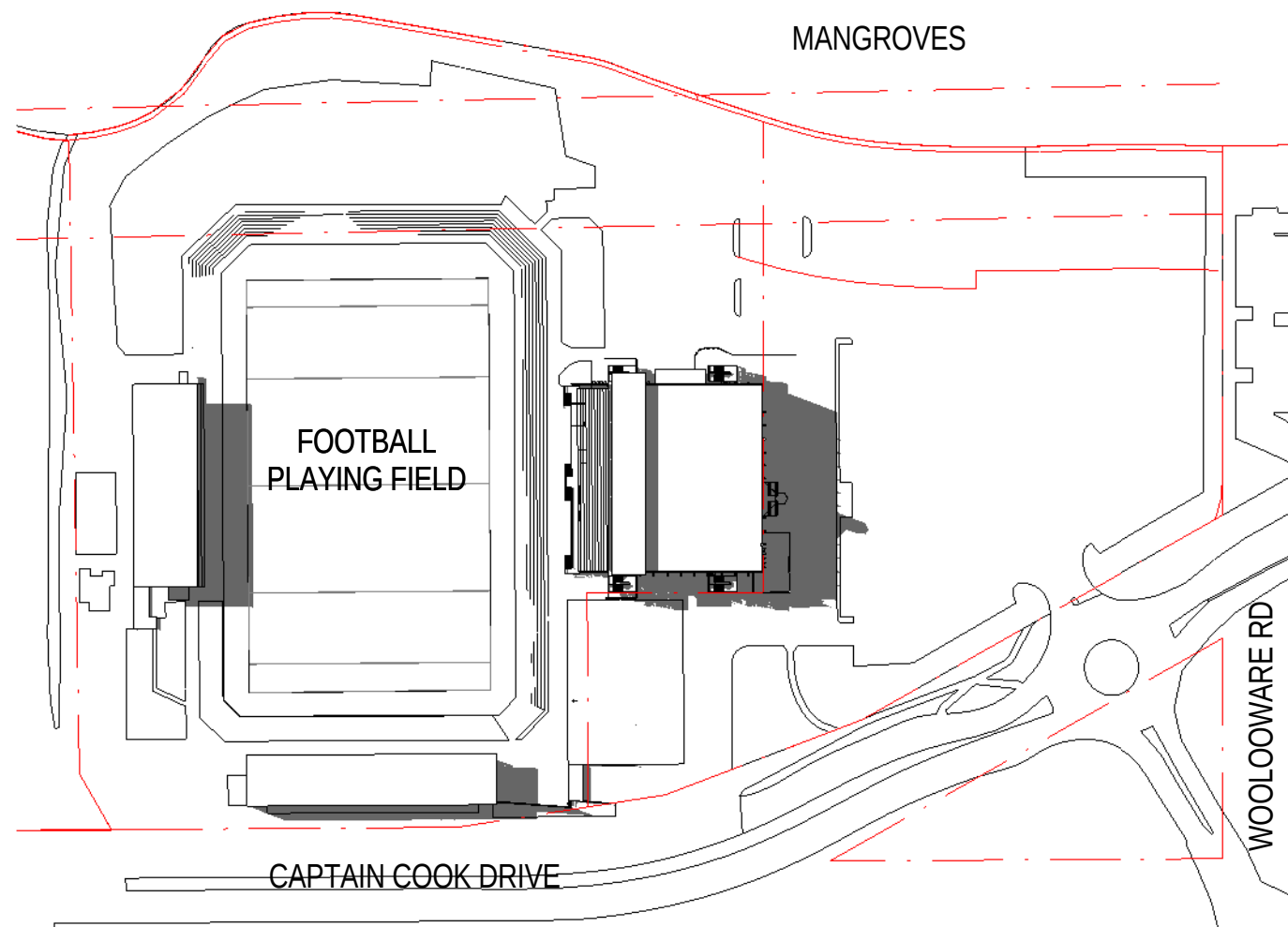
A	DRAFT - WORK IN PROGRESS	31/01/2013
1	FOR AUTHORITY APPROVAL	08/02/2013
2	FOR AUTHORITY APPROVAL	13/02/2013



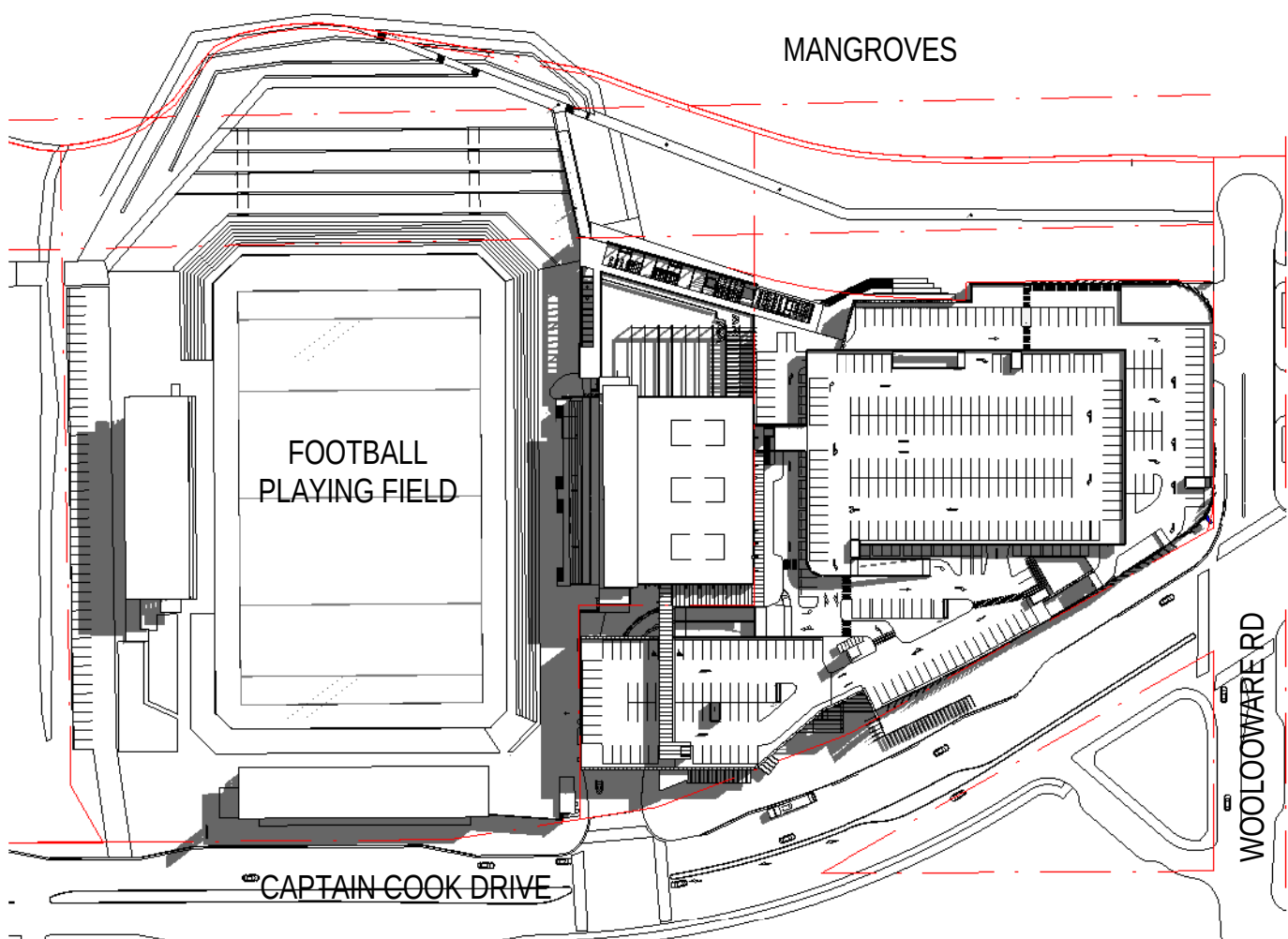
1 Shadow Diagram Existing - 21 Mar/ Sept 9am
1 : 2000



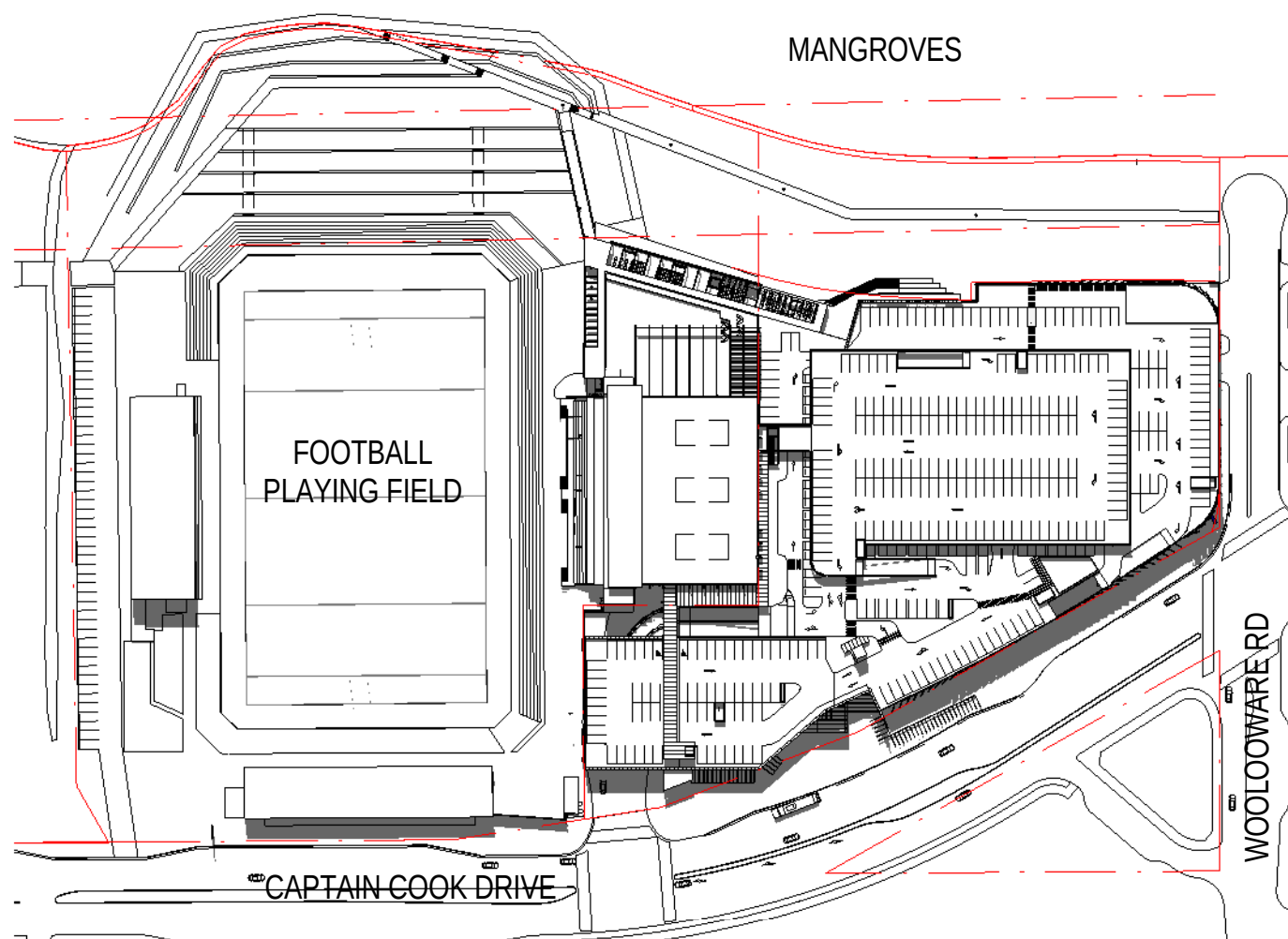
2 Shadow Diagram Existing - 21 Mar/ Sept 12pm
1 : 2000



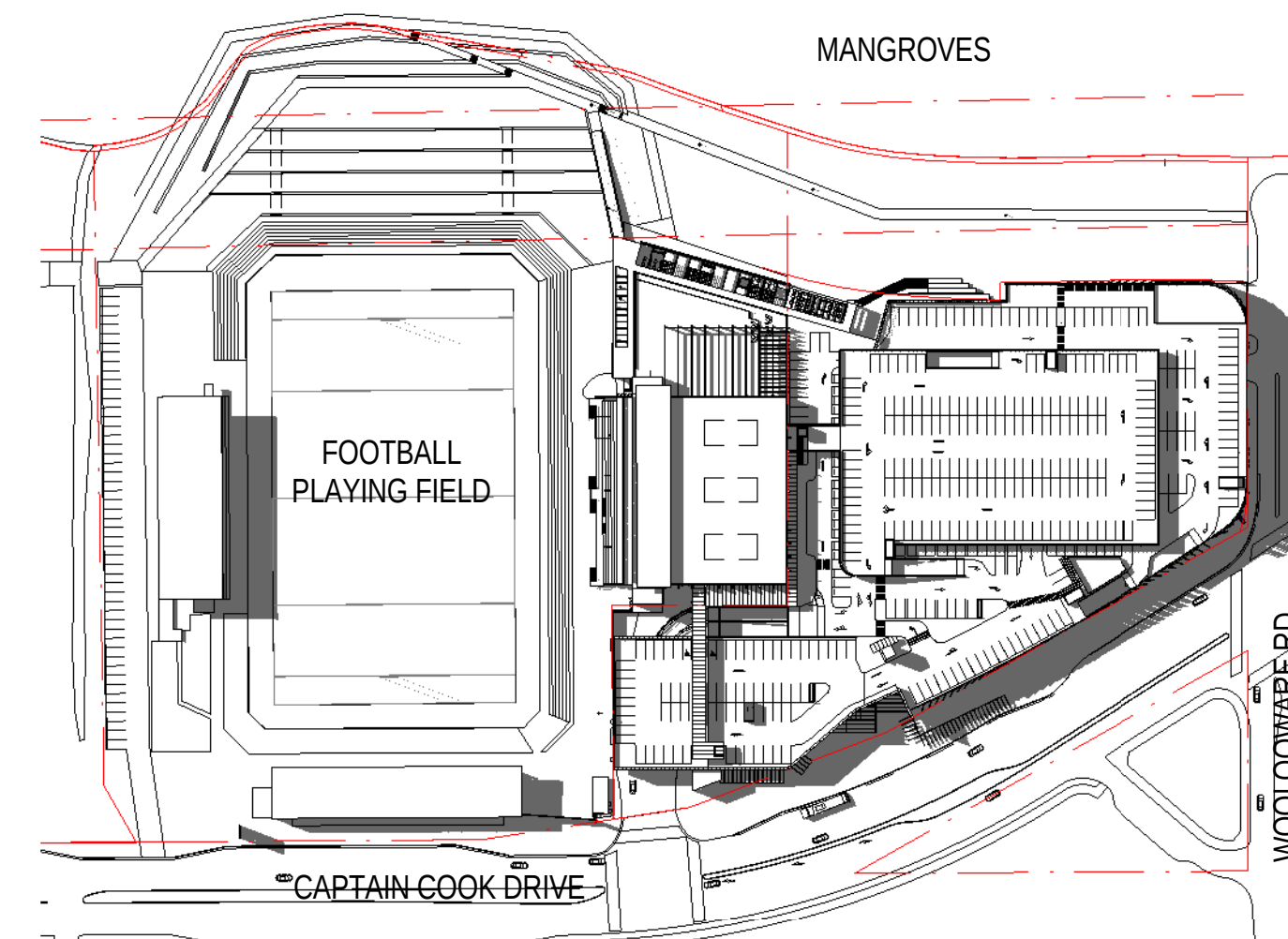
3 Shadow Diagram Existing - 21 Mar/ Sept 3pm
1 : 2000



4 Shadow Diagram Proposed - 21 Mar/ Sept 9am
1 : 2000

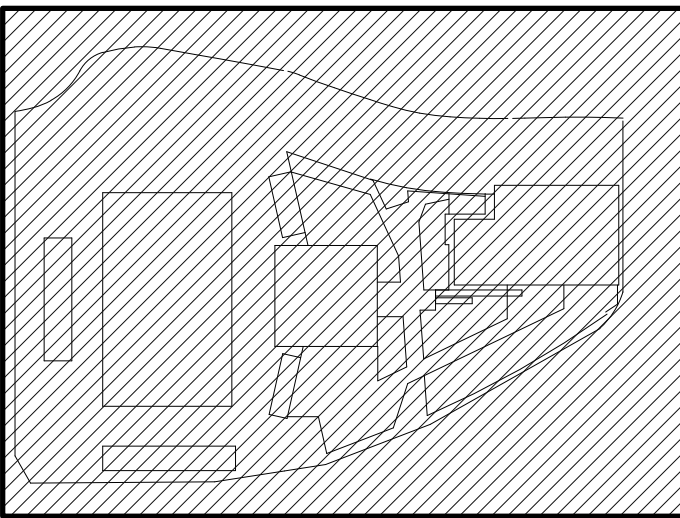


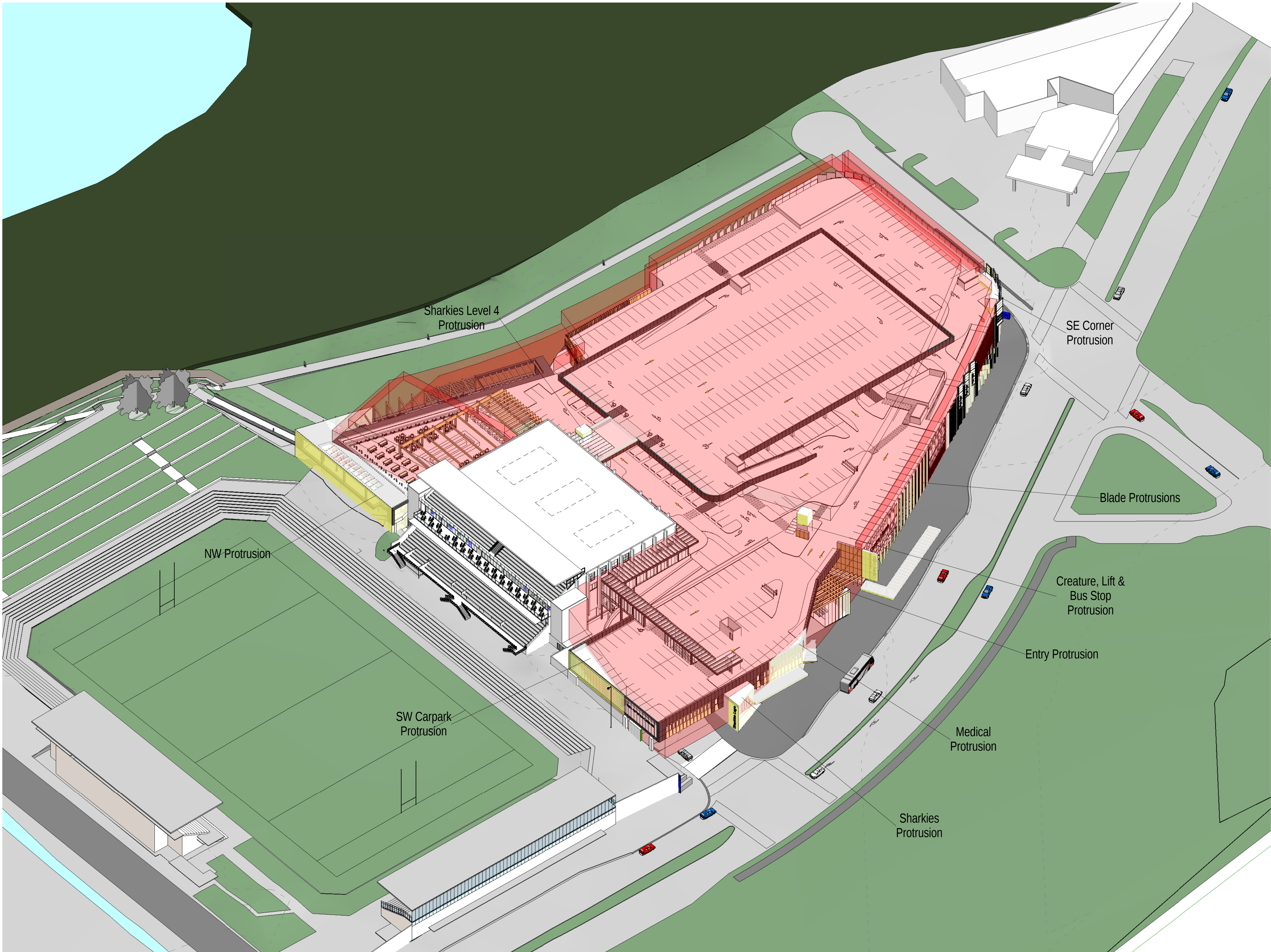
5 Shadow Diagram Proposed - 21 Mar/ Sept 12pm
1 : 2000



6 Shadow Diagram Proposed - 21 Mar/ Sept 3pm
1 : 2000

NOTE
1. SHADOWS GENERATED USING AUTODESK REVIT 2011.
2. EXISTING BUILDING MODEL AND FUTURE GRANDSTANDS MODEL GENERATED IN SKETCH UP VERSION 7. THIS MODEL IS AN INDICATIVE MODEL ONLY. IT IS INTENDED TO PROVIDE AN UNDERSTANDING OF THE EXISTING CONTEXT AND DOES NOT PROVIDE MEASURED 3D MODELS.
3. PROPOSED RETAIL AND CLUB SCHEME GENERATED USING AUTODESK REVIT 2011 BY SCOTT CARVER.
4. PROPOSED RESIDENTIAL SCHEME GENERATED IN SKETCHUP 8 BY TURNER + ASSOCIATES.





Status: FOR AUTHORITY APPROVAL

Nom. Architect Bob Perry 3935

R-H\2010\20100176 Woollooware Bay Town Centre\Drawings\Revit\Woollooware_Bay-Central

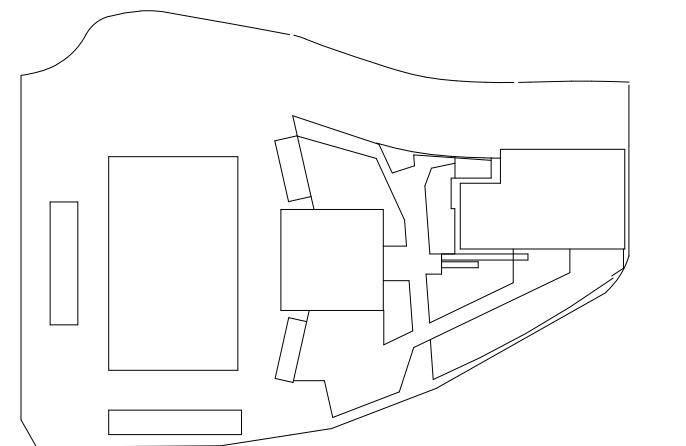
Print Date: 14/02/2013 4:38:06 PM

Rev.	Description:	Date:
A	DRAFT FOR REVIEW	18/01/2013
B	DRAFT FOR REVIEW	25/01/2013
C	DRAFT - WORK IN PROGRESS	31/01/2013
1	FOR AUTHORITY APPROVAL	08/02/2013
2	FOR AUTHORITY APPROVAL	14/02/2013

UFC Protrusion Schedule		
Family	Comments	Gross Volume
Mass 1	NW Protrusion	3446.04 m³
Mass 2	Sharkies Level 4 Protrusion	113.05 m³
Mass 3	SE Corner Protrusion	507.92 m³
Mass 4	Creature, Lift & Bus Stop Protrusion	139.24 m³
Mass 5	Entry Protrusion	26.46 m³
Mass 6	Medical Protrusion	272.04 m³
Mass 7	Blade Protrusion	1.40 m³
Mass 8	Blade Protrusion	1.43 m³
Mass 9	Blade Protrusion	1.56 m³
Mass 10	Blade Protrusion	1.56 m³
Mass 11	Blade Protrusion	1.56 m³
Mass 12	Blade Protrusion	1.56 m³
Mass 13	Blade Protrusion	1.56 m³
Mass 14	Blade Protrusion	4.60 m³
Mass 15	Blade Protrusion	4.60 m³
Mass 16	Blade Protrusion	4.60 m³
Mass 17	Blade Protrusion	4.60 m³
Mass 18	Blade Protrusion	4.60 m³
Mass 19	Blade Protrusion	4.60 m³
Mass 20	Blade Protrusion	3.18 m³
Mass 21	Blade Protrusion	3.18 m³
Mass 22	Blade Protrusion	3.18 m³
Mass 23	Blade Protrusion	3.18 m³
Mass 24	Sharkies Protrusion	265.46 m³
Mass 25	Blade Protrusions	10.77 m³
Mass 26	Blade Protrusions	24.82 m³
Mass 27	SW Carpark Protrusion	685.61 m³

URBAN FORM CONTROL ENVELOPE
FROM CONCEPT APPROVAL,
SUBJECT TO CONDITION B2 IN
SCHEDULE 2

- URBAN FORM CONTROL ENVELOPE FROM CONCEPT APPROVAL
- PROTRUSIONS FROM URBAN FORM CONTROL ENVELOPE



+



Status: FOR AUTHORITY APPROVAL

Nom. Architect Bob Perry 3935

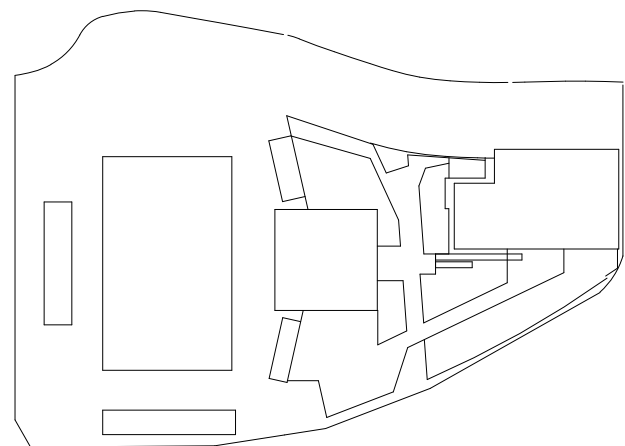
R-H\2010\20100176 Woollooware Bay Town
Centre\Drawings\Revit\Woollooware_Bay-Central

Print Date: 14/02/2013 4:37:42 PM

Rev. Description: Date:

A	DRAFT FOR REVIEW	18/01/2013
B	DRAFT FOR REVIEW	25/01/2013
C	DRAFT - WORK IN PROGRESS	31/01/2013
1	FOR AUTHORITY APPROVAL	08/02/2013
2	FOR AUTHORITY APPROVAL	14/02/2013

UFC Protrusion Schedule		
Family	Comments	Gross Volume
Mass 1	NW Protrusion	3446.04 m ³
Mass 2	Sharkies Level 4 Protrusion	113.05 m ³
Mass 3	SE Corner Protrusion	507.92 m ³
Mass 4	Creature, Lift & Bus Stop Protrusion	139.24 m ³
Mass 5	Entry Protrusion	26.46 m ³
Mass 6	Medical Protrusion	272.04 m ³
Mass 7	Blade Protrusion	1.40 m ³
Mass 8	Blade Protrusion	1.43 m ³
Mass 9	Blade Protrusion	1.56 m ³
Mass 10	Blade Protrusion	1.56 m ³
Mass 11	Blade Protrusion	1.56 m ³
Mass 12	Blade Protrusion	1.56 m ³
Mass 13	Blade Protrusion	1.56 m ³
Mass 14	Blade Protrusion	4.60 m ³
Mass 15	Blade Protrusion	4.60 m ³
Mass 16	Blade Protrusion	4.60 m ³
Mass 17	Blade Protrusion	4.60 m ³
Mass 18	Blade Protrusion	4.60 m ³
Mass 19	Blade Protrusion	4.60 m ³
Mass 20	Blade Protrusion	3.18 m ³
Mass 21	Blade Protrusion	3.18 m ³
Mass 22	Blade Protrusion	3.18 m ³
Mass 23	Blade Protrusion	3.18 m ³
Mass 24	Sharkies Protrusion	265.46 m ³
Mass 25	Blade Protrusions	10.77 m ³
Mass 26	Blade Protrusions	24.82 m ³
Mass 27	SW Carpark Protrusion	685.61 m ³
		5542.33 m ³



+



Status: FOR AUTHORITY APPROVAL

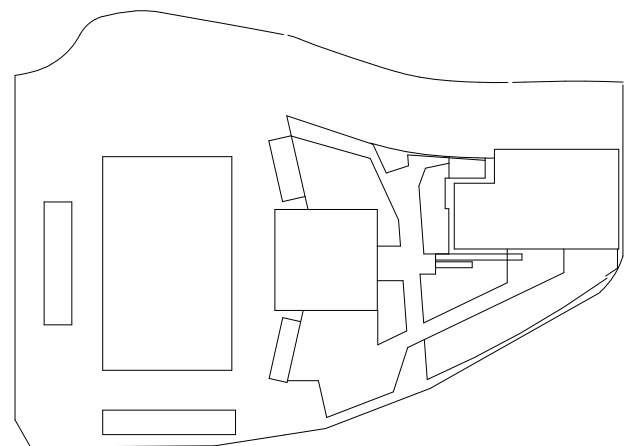
Nom. Architect Bob Perry 3935

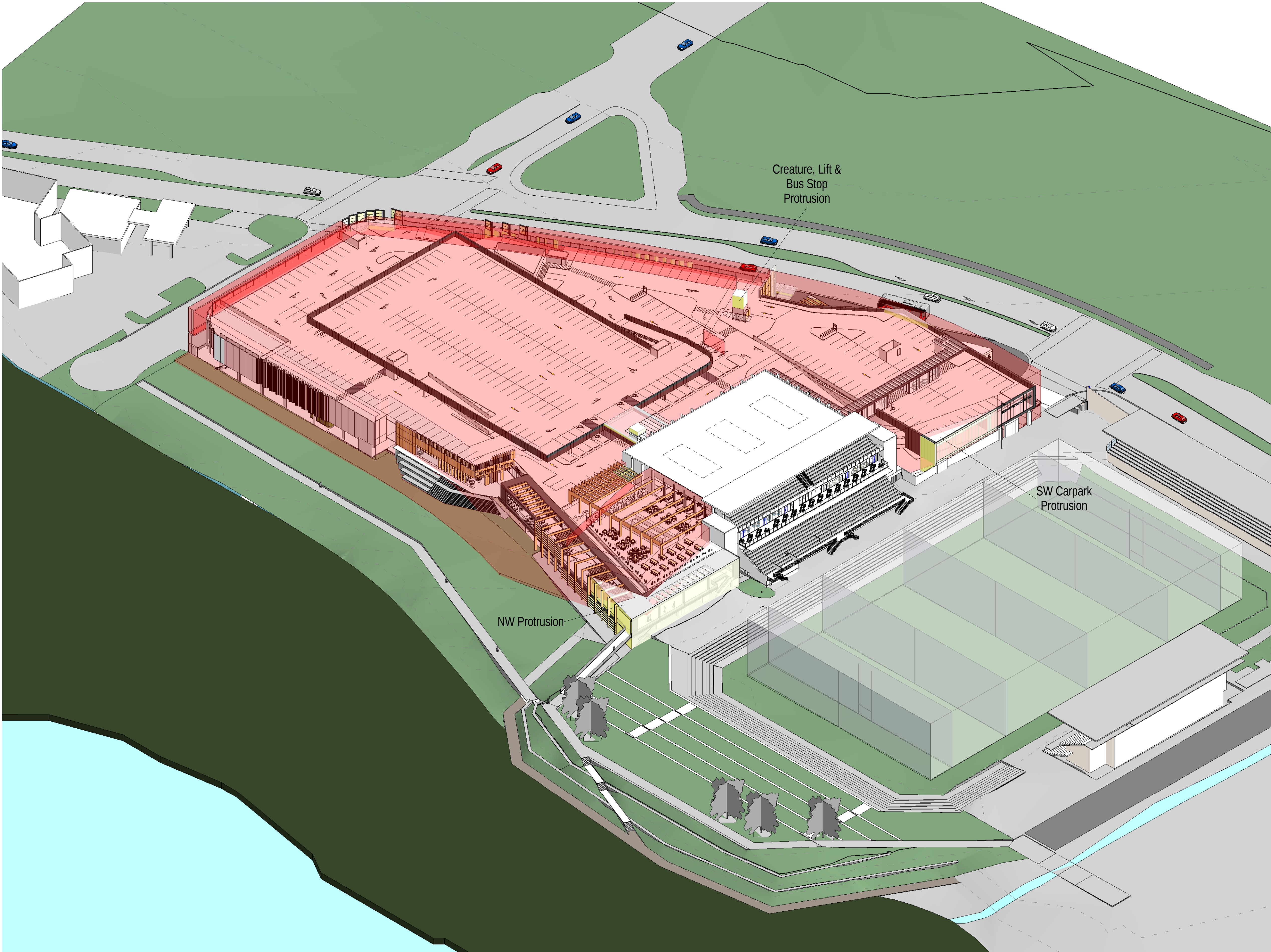
R-H\2010\20100176 Woollooware Bay Town
Centre\Drawings\Revit\Woollooware_Bay-Central

Print Date: 14/02/2013 4:37:18 PM

Rev.	Description:	Date:
A	DRAFT FOR REVIEW	18/01/2013
B	DRAFT FOR REVIEW	25/01/2013
C	DRAFT - WORK IN PROGRESS	31/01/2013
1	FOR AUTHORITY APPROVAL	08/02/2013
2	FOR AUTHORITY APPROVAL	14/02/2013

UFC Protrusion Schedule		
Family	Comments	Gross Volume
Mass 1	NW Protrusion	3446.04 m³
Mass 2	Sharkies Level 4 Protrusion	113.05 m³
Mass 3	SE Corner Protrusion	507.92 m³
Mass 4	Creature, Lift & Bus Stop Protrusion	139.24 m³
Mass 5	Entry Protrusion	26.46 m³
Mass 6	Medical Protrusion	272.04 m³
Mass 7	Blade Protrusion	1.40 m³
Mass 8	Blade Protrusion	1.43 m³
Mass 9	Blade Protrusion	1.56 m³
Mass 10	Blade Protrusion	1.56 m³
Mass 11	Blade Protrusion	1.56 m³
Mass 12	Blade Protrusion	1.56 m³
Mass 13	Blade Protrusion	1.56 m³
Mass 14	Blade Protrusion	4.60 m³
Mass 15	Blade Protrusion	4.60 m³
Mass 16	Blade Protrusion	4.60 m³
Mass 17	Blade Protrusion	4.60 m³
Mass 18	Blade Protrusion	4.60 m³
Mass 19	Blade Protrusion	4.60 m³
Mass 20	Blade Protrusion	3.18 m³
Mass 21	Blade Protrusion	3.18 m³
Mass 22	Blade Protrusion	3.18 m³
Mass 23	Blade Protrusion	3.18 m³
Mass 24	Sharkies Protrusion	265.46 m³
Mass 25	Blade Protrusions	10.77 m³
Mass 26	Blade Protrusions	24.82 m³
Mass 27	SW Carpark Protrusion	685.61 m³
		5542.33 m³





Status: FOR AUTHORITY APPROVAL

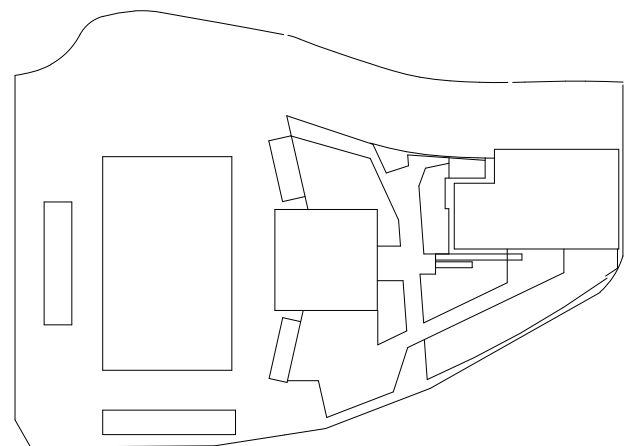
Nom. Architect Bob Perry 3935

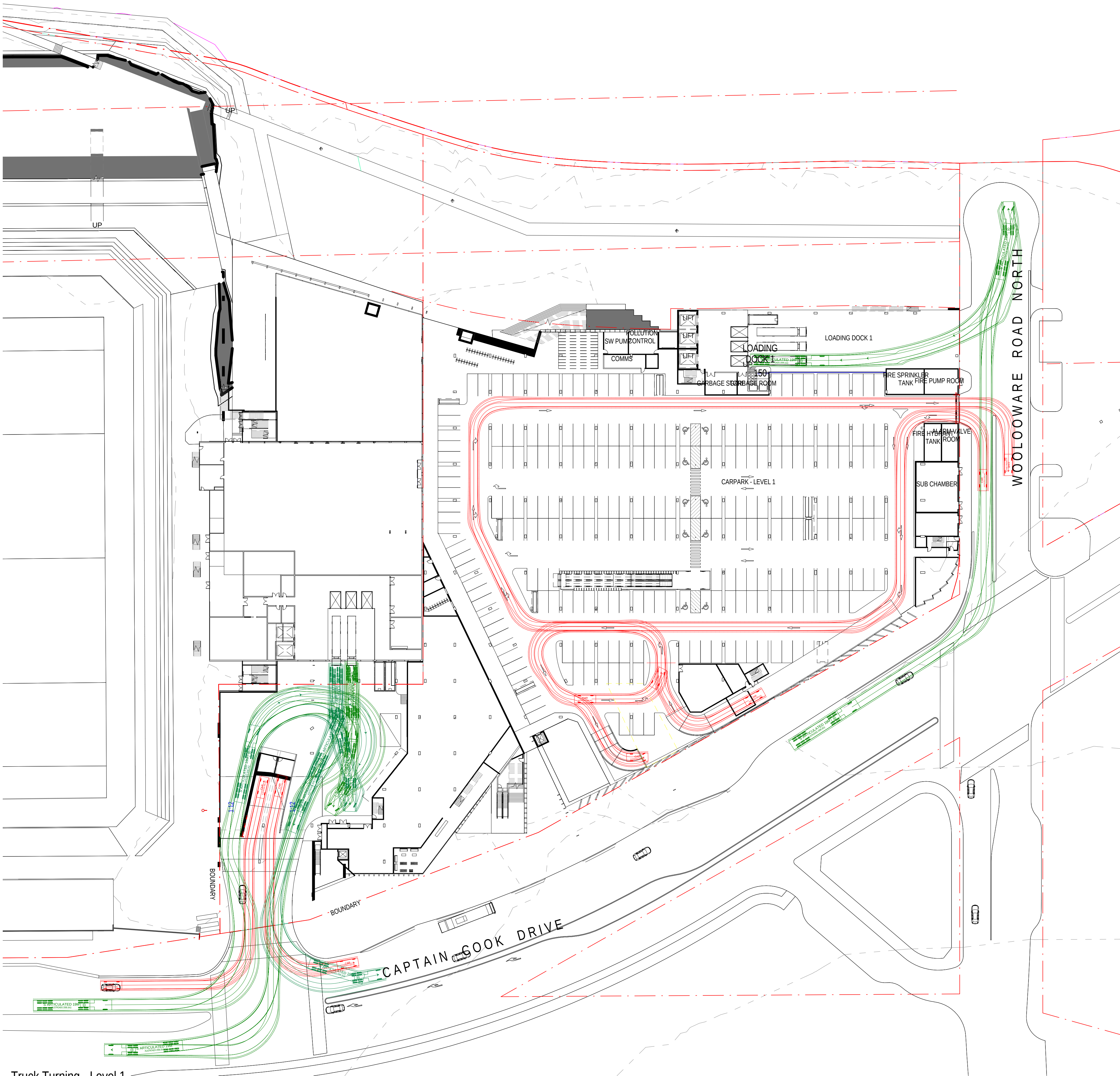
R-H:\2010\20100176 Woollooware Bay Town Centre\Drawings\Revit\Woollooware_Bay-Central

Print Date: 14/02/2013 4:36:52 PM

Rev.	Description:	Date:
A	DRAFT FOR REVIEW	18/01/2013
B	DRAFT FOR REVIEW	25/01/2013
C	DRAFT - WORK IN PROGRESS	31/01/2013
1	FOR AUTHORITY APPROVAL	08/02/2013
2	FOR AUTHORITY APPROVAL	14/02/2013

UFC Protrusion Schedule		
Family	Comments	Gross Volume
Mass 1	NW Protrusion	3446.04 m³
Mass 2	Sharkies Level 4 Protrusion	113.05 m³
Mass 3	SE Corner Protrusion	507.92 m³
Mass 4	Creature, Lift & Bus Stop Protrusion	139.24 m³
Mass 5	Entry Protrusion	26.46 m³
Mass 6	Medical Protrusion	272.04 m³
Mass 7	Blade Protrusion	1.40 m³
Mass 8	Blade Protrusion	1.43 m³
Mass 9	Blade Protrusion	1.56 m³
Mass 10	Blade Protrusion	1.56 m³
Mass 11	Blade Protrusion	1.56 m³
Mass 12	Blade Protrusion	1.56 m³
Mass 13	Blade Protrusion	1.56 m³
Mass 14	Blade Protrusion	4.60 m³
Mass 15	Blade Protrusion	4.60 m³
Mass 16	Blade Protrusion	4.60 m³
Mass 17	Blade Protrusion	4.60 m³
Mass 18	Blade Protrusion	4.60 m³
Mass 19	Blade Protrusion	4.60 m³
Mass 20	Blade Protrusion	3.18 m³
Mass 21	Blade Protrusion	3.18 m³
Mass 22	Blade Protrusion	3.18 m³
Mass 23	Blade Protrusion	3.18 m³
Mass 24	Sharkies Protrusion	265.46 m³
Mass 25	Blade Protrusions	10.77 m³
Mass 26	Blade Protrusions	24.82 m³
Mass 27	SW Carpark Protrusion	685.61 m³
		5542.33 m³





Status: FOR AUTHORITY APPROVAL

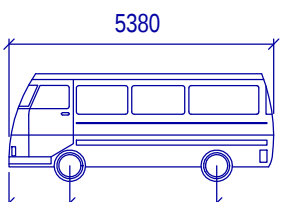
Nom. Architect Bob Perry 3935

R-H\2010\20100176 Woollooware Bay Town
Centre\Drawings\Revit\Woollooware_Bay-Central

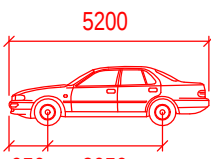
Print Date: 14/02/2013 2:32:43 PM

Rev. Description: Date:

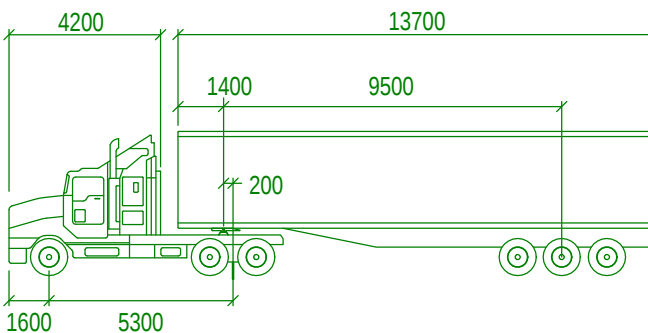
- | | | |
|---|--------------------------|------------|
| A | DRAFT - WORK IN PROGRESS | 31/01/2013 |
| 1 | FOR AUTHORITY APPROVAL | 08/02/2013 |
| 2 | FOR AUTHORITY APPROVAL | 14/02/2013 |



COMMUTER BUS
Width : 1940
Track : 1840
Lock to Lock Time : 6.0
Steering Angle : 33.5



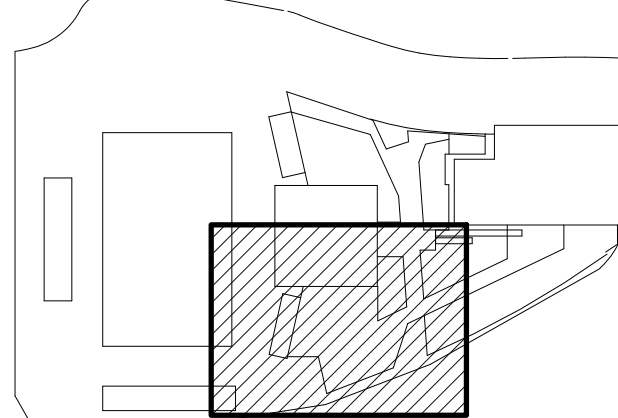
CAR
Width : 1940
Track : 1840
Lock to Lock Time : 6.0
Steering Angle : 33.5



ARTICULATED 19M
Tractor Width : 4200
Trailer Width : 1400
Tractor Track : 1600
Trailer Track : 5300
Lock to Lock Time : 6.0
Steering Angle : 27.7
Articulating Angle : 70.0

DESIGN VEHICLES

1 : 200



1 Truck Turning - Level 1
1 : 500

Scott
Carver

Scott Carver Pty Ltd
Level 8, 71 Macquarie Street
Sydney NSW 2000 Australia

Telephone +61 2 9957 3988
hello@scottcarver.com.au
www.scottcarver.com.au

Woollooware Bay Town Centre

Project
Client

Bluestone Capital Ventures No.1 Pty Ltd

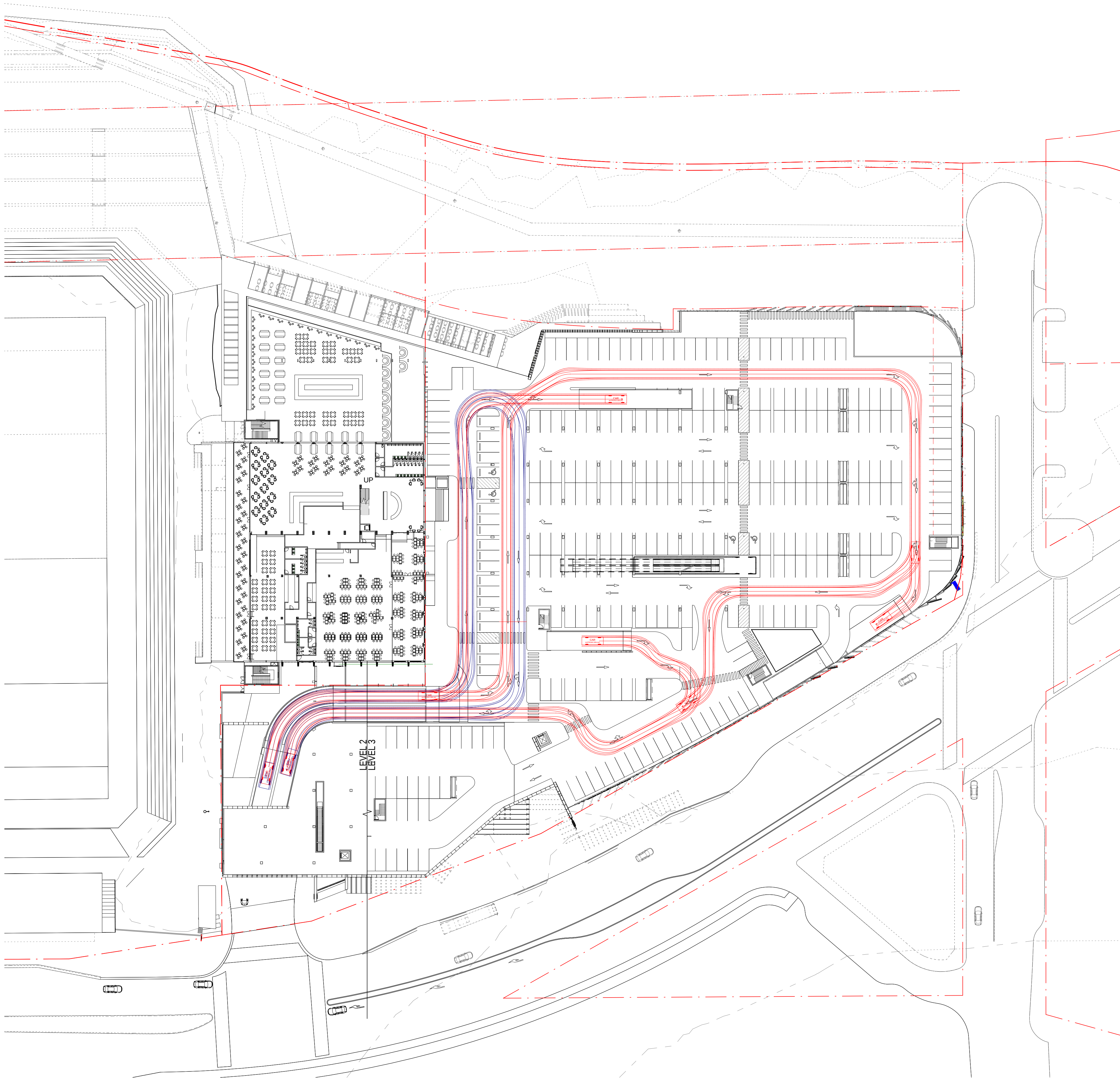
As indicated @ A1

0 5 10 15 20 50m

VEHICLE MANOEUVRING - SHEET 1

Reference No.	Discipline	Drawing No.	Title
20100176		DA841	Rev. 2

+



Status: FOR AUTHORITY APPROVAL

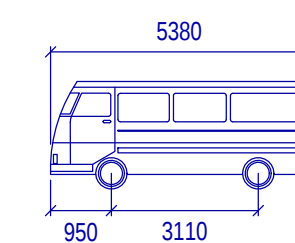
Nom. Architect Bob Perry 3935

R-H\2010\20100176 Woollooware Bay Town
Centre\Drawings\Revit\Woollooware_Bay-Central

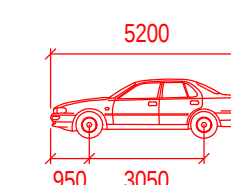
Print Date: 14/02/2013 2:32:31 PM

Rev. Description: Date:

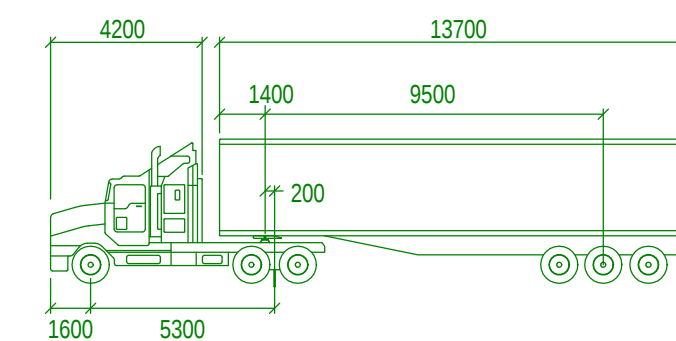
- | | | |
|---|--------------------------|------------|
| A | DRAFT - WORK IN PROGRESS | 31/01/2013 |
| 1 | FOR AUTHORITY APPROVAL | 08/02/2013 |
| 2 | FOR AUTHORITY APPROVAL | 14/02/2013 |



COMMUTER BUS
Width : 1940 mm
Track : 1840 mm
Lock to Lock Time : 6.0
Steering Angle : 33.5



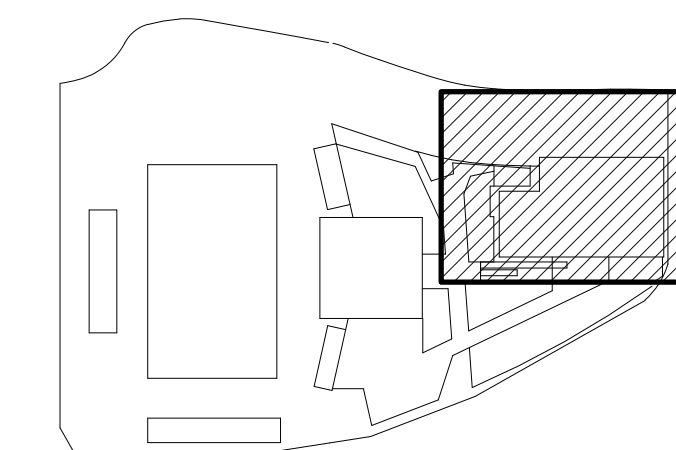
CAR
Width : 1940 mm
Track : 1840 mm
Lock to Lock Time : 6.0
Steering Angle : 33.5



S ARTICULATED 19M
Tractor Width : 2500 mm
Tractor Wheelbase : 2500 mm
Tractor Track : 2500 mm
Trailer Track : 2500 mm
Lock to Lock Time : 6.0
Steering Angle : 27.7
Articulating Angle : 70.0

DESIGN VEHICLES

1 : 200



**Scott
Carver**

Scott Carver Pty Ltd
Level 8, 71 Macquarie Street
Sydney NSW 2000 Australia

Telephone +61 2 9957 3988
hello@scottcarver.com.au
www.scottcarver.com.au

Woollooware Bay Town Centre

Project
Client

Bluestone Capital Ventures No.1 Pty Ltd

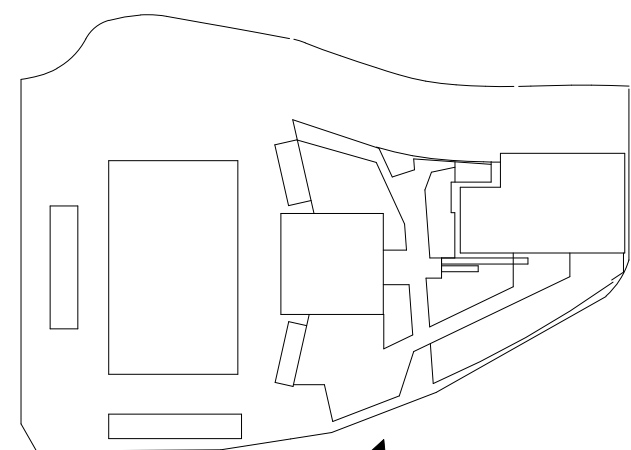
As indicated @ A1

0 5 10 15 20 50m

VEHICLE MANOEUVRING - SHEET 2

Reference No.	Discipline	Drawing No.	Rev.
20100176		DA842	2

- 1 FOR AUTHORITY APPROVAL 08/02/2013
- 2 FOR AUTHORITY APPROVAL 14/02/2013



3D VIEWS - SHEET 1



Status: FOR AUTHORITY APPROVAL

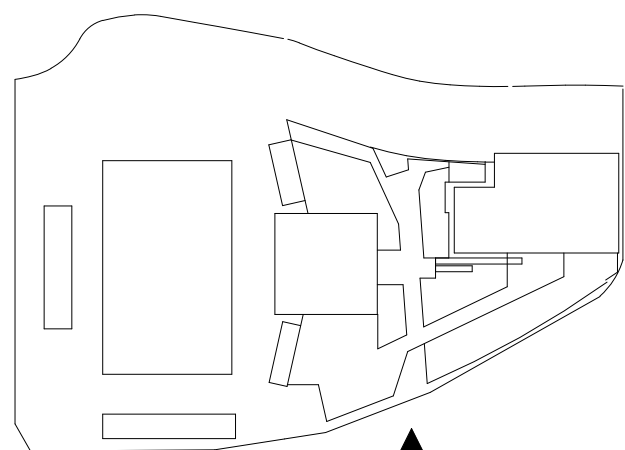
Nom. Architect Bob Perry 3935

R-H\2010\20100176 Woollooware Bay Town
Centre\Drawings\Revit\Woollooware_Bay-Central

Print Date: 14/02/2013 4:36:22 PM

Rev. Description: Date:

- | | | |
|---|------------------------|------------|
| 1 | FOR AUTHORITY APPROVAL | 08/02/2013 |
| 2 | FOR AUTHORITY APPROVAL | 14/02/2013 |



3D VIEWS - SHEET 2

**Scott
Carver**

Scott Carver Pty Ltd
Level 8, 71 Macquarie Street
Sydney NSW 2000 Australia

Telephone +61 2 9957 3988
hello@scottcarver.com.au
www.scottcarver.com.au

Woollooware Bay Town Centre
Project
Client
Bluestone Capital Ventures No.1 Pty Ltd

Reference No.	Discipline	Drawing No.	Title
20100176		DA852	Rev. 2