



Pūmanawa Downtown West

Resource Consent
Document F
Shading Analysis

Prepared for:
Precinct Properties Holdings Ltd

Document Revision Status:
Resource Consent Design Update RFI 1

9 December 2024

Document Suite

Prepared For:
Precinct Properties Holdings Ltd

Document Revision Status:
Resource Consent Design Update RF1 1

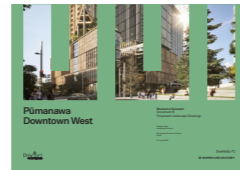
Date:
9 December 2024

Contact:
Warren and Mahoney Architects New Zealand Ltd
139 Pakenham St West
Auckland 1010
New Zealand
+64 9 309 4894

Resource Consent Documents:



A Proposed Architectural Drawings



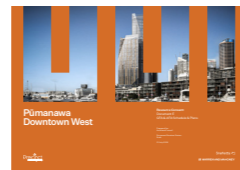
B Proposed Landscape Drawings



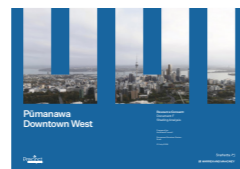
C Existing & Demolition Drawings



D Architecture & Landscape Report



E GFA & AFA Schedule & Plans



F Shading Analysis

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Methodology	1.2

Shading Analysis 02



SHADING ANALYSIS - SHEET LIST (RC-SERIES)

SHEET NAME	Current Revision	Drawn By
RC08-0001	E	WAM
RC08-0002	E	WAM
RC08-0003	E	WAM
RC08-0004	E	WAM
RC08-0005	E	WAM
RC08-0006	E	WAM
RC08-0007	E	WAM
RC08-0010	E	WAM
RC08-0011	E	WAM
RC08-0012	E	WAM
RC08-0013	E	WAM
RC08-0014	E	WAM
RC08-0015	E	WAM
RC08-0016	E	WAM
RC08-0017	E	WAM
RC08-0018	E	WAM
RC08-0020	E	WAM
RC08-0021	E	WAM
RC08-0022	E	WAM
RC08-0030	D	WAM
RC08-0031	D	WAM
RC08-0032	D	WAM
RC08-0033	D	WAM
RC08-0034	D	WAM
RC08-0035	D	WAM
25		



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Issue Status & No

RESOURCE CONSENT ISSUE

Consultants

—
RCP
Project Manager
FLB
Quantity Surveyor
HOLMES
Structural Engineer
MOTT MAC DONALD
Services Engineer
CROSSFIRE
Fire Engineer
TONKIN + TAYLOR
Civil Engineer
FLOW
Traffic Engineer

Client

—

Precinct
PROPERTIES NEW ZEALAND

Warren and Mahoney Architects New Zealand Ltd

—
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139 Pakenham Street West
Wynyard Quarter
Auckland 1010
New Zealand
Phone + 64 9 309 4894

—
Registered Architects and Designers
www.warrenandmahoney.com

Project Title

—
DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010




WARREN AND MAHONEY

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Revisions

- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

Notes

-  SHADOWS CAST BY NEW DEVELOPMENT
-  SHADING GENERATED BY EXISTING OR APPROVED STRUCTURES
-  IDENTIFIED PUBLIC PLACES: APPENDIX 11 BUSINESS - CITY CENTRE ZONE SUNLIGHT ADMISSION INTO PUBLIC PLACES: FIGURE 1

Consultants

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- RLB
Quantity Surveyor
- HOLMES
Structural Engineer
- MOTT MAC DONALD
Services Engineer
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Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**CITY SCAPE
SHADING ANALYSIS
SPRING EQUINOX
SEP 23 - 0700-1200.**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale	1 : 1 @ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	MM

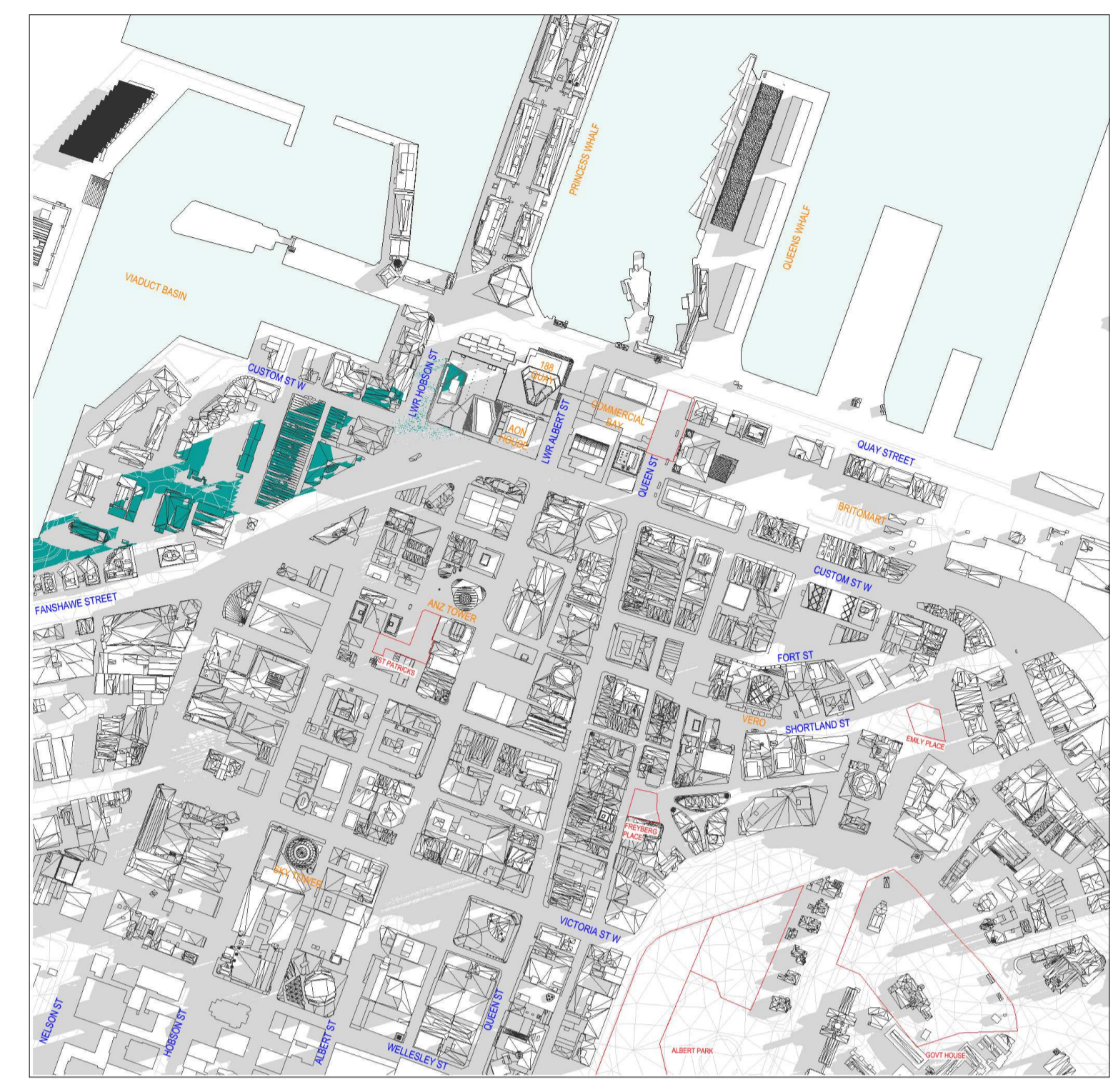
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RC08-0001 **(E)**

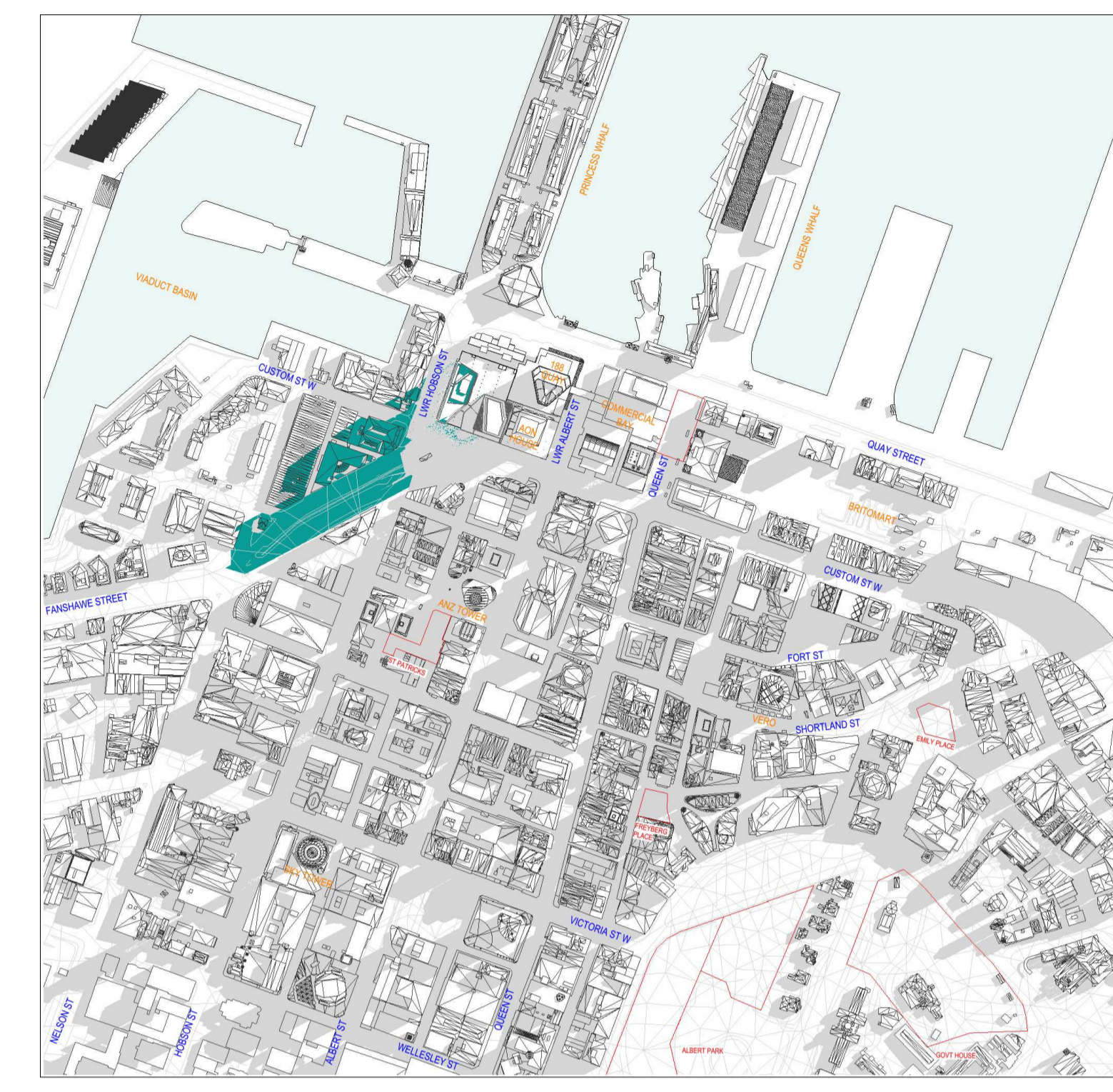
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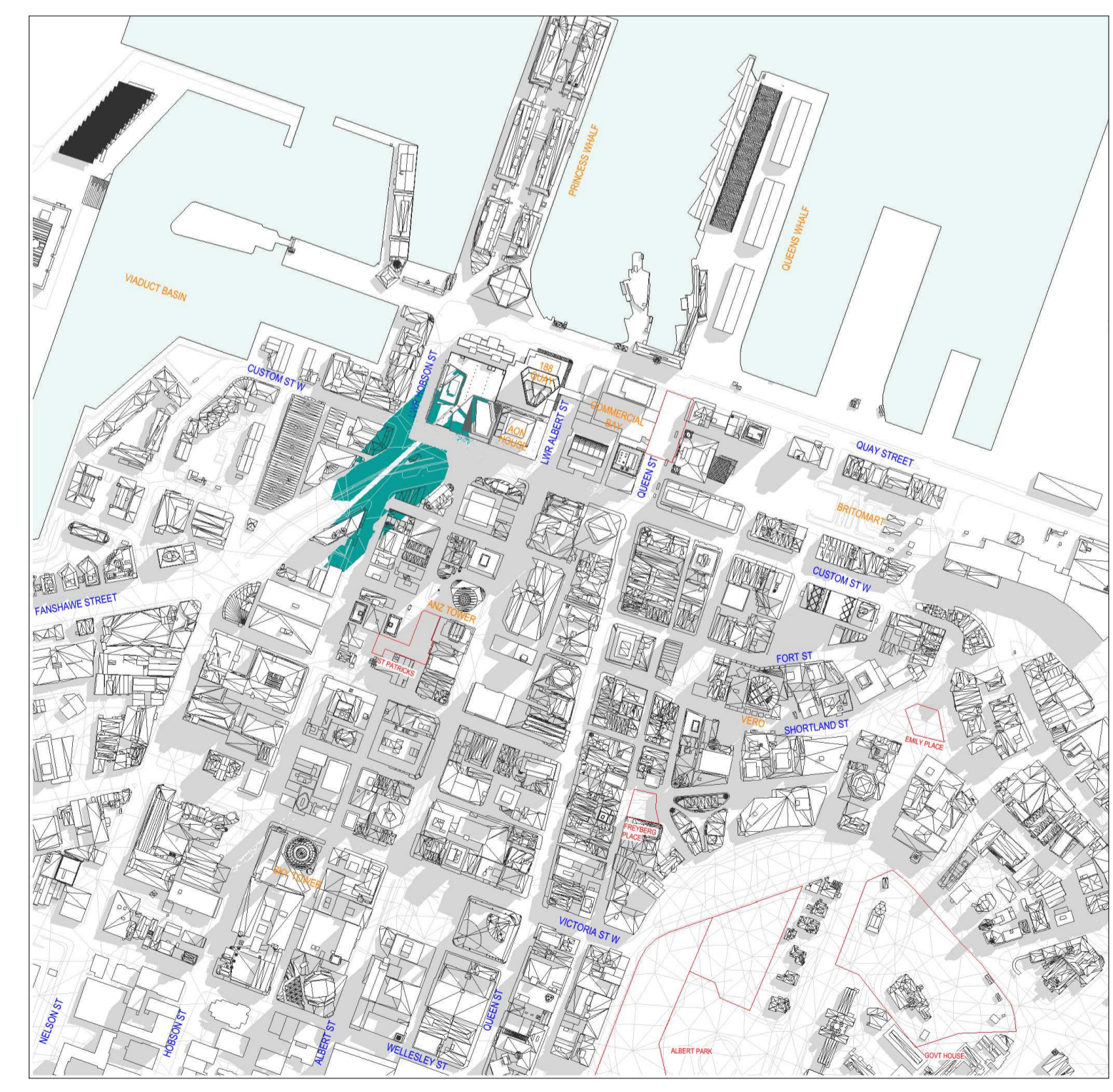
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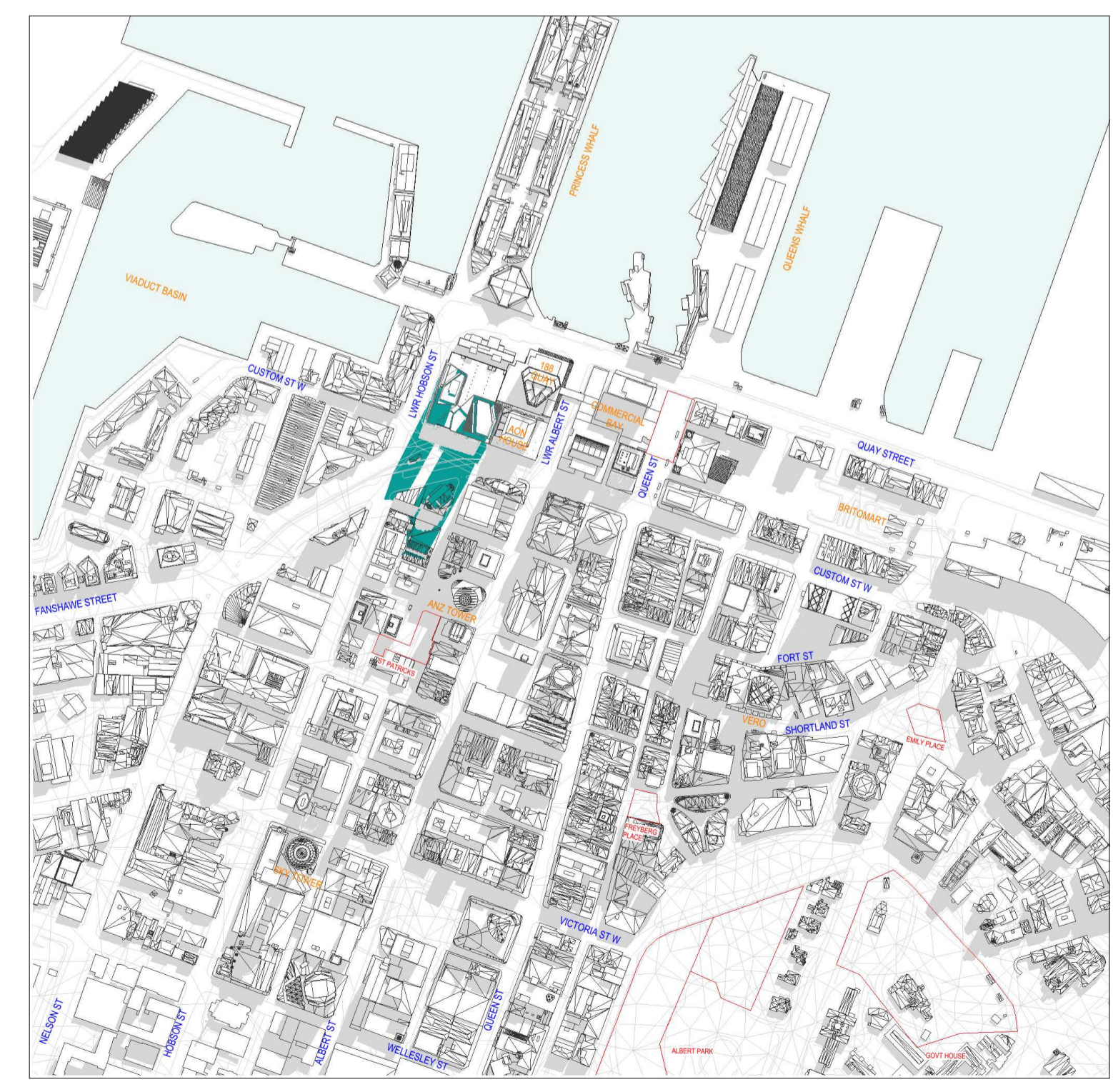
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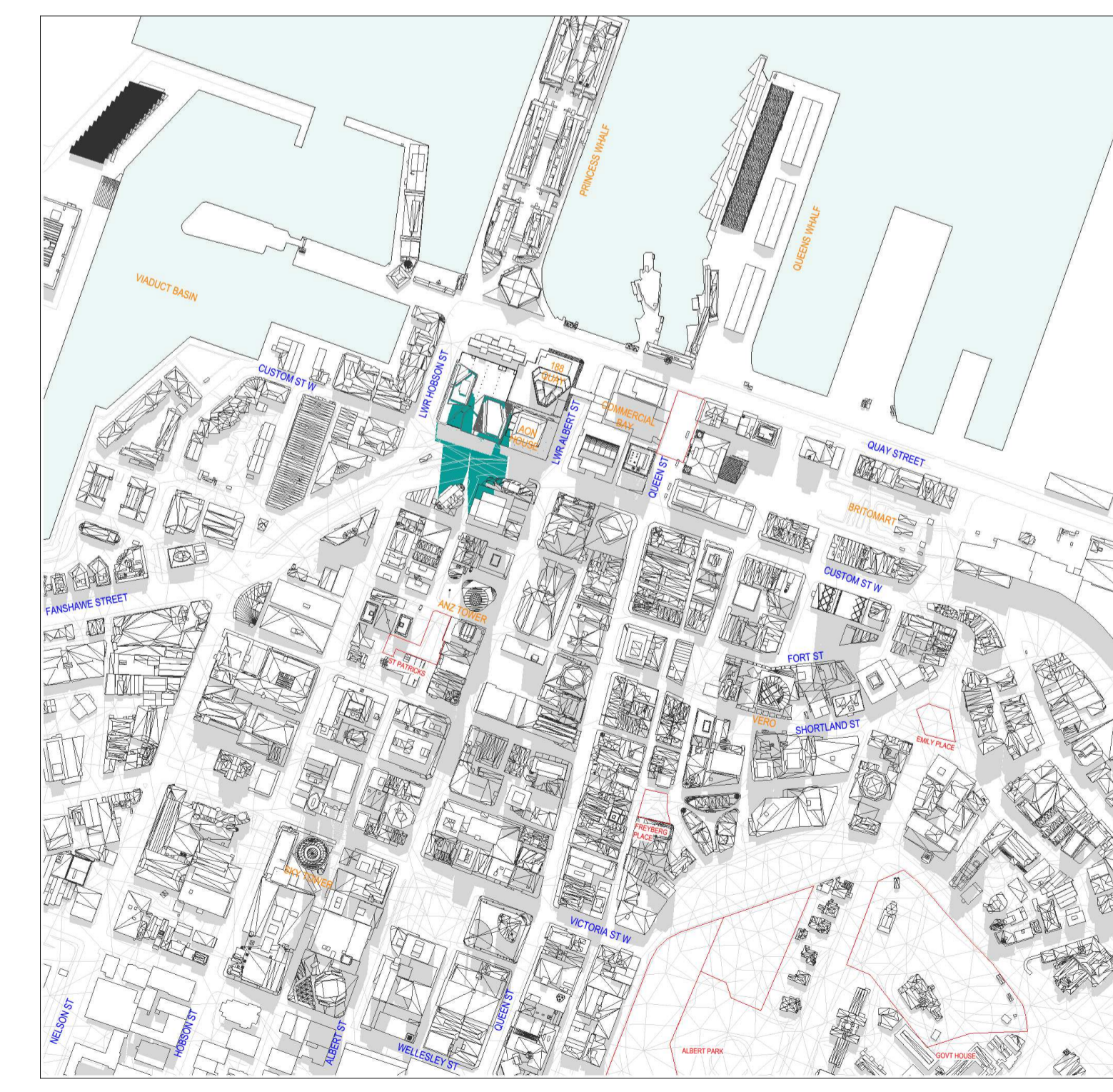
Sep 23 - 09_00 AM



Sep 23 - 10_00 AM



Sep 23 - 11_00 AM



Sep 23 - 12_00 PM

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Revisions

- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

Notes

- SHADOWS CAST BY NEW DEVELOPMENT
- SHADING GENERATED BY EXISTING OR APPROVED STRUCTURES
- IDENTIFIED PUBLIC PLACES: APPENDIX 11
BUSINESS - CITY CENTRE ZONE
SUNLIGHT ADMISSION INTO PUBLIC PLACES: FIGURE 1

Consultants

- RCP
Project Manager
- RLB
Quantity Surveyor
- HOLMES
Structural Engineer
- MOTT MAC DONALD
Services Engineer
- CROSSFIRE
Fire Engineer
- TONKIN + TAYLOR
Civil Engineer
- FLOW
Traffic Engineer

Client



**Warren and Mahoney Architects
New Zealand Ltd**

Ground Floor, Mason Bros.
139 Pakenham Street West
Wynyard Quarter
Auckland 1010
New Zealand
Phone + 64 9 309 4894

Registered Architects and Designers
www.warrenandmahoney.com

Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**CITY SCAPE
SHADING ANALYSIS
SPRING EQUINOX
SEP 23 - 1300-1800.**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale	1 : 1 @ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	MM

Drawing No

RC08-0002

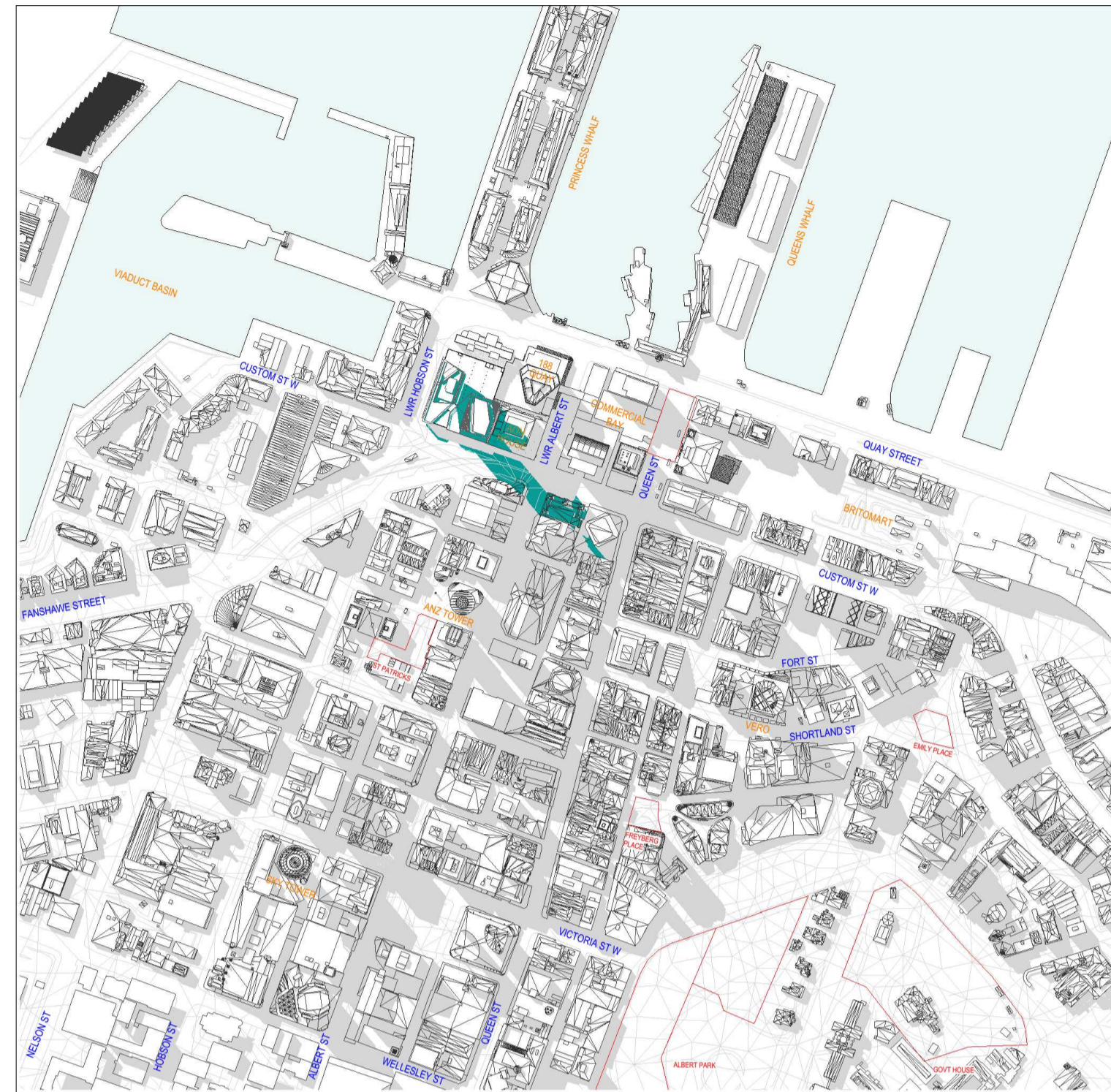
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(E)

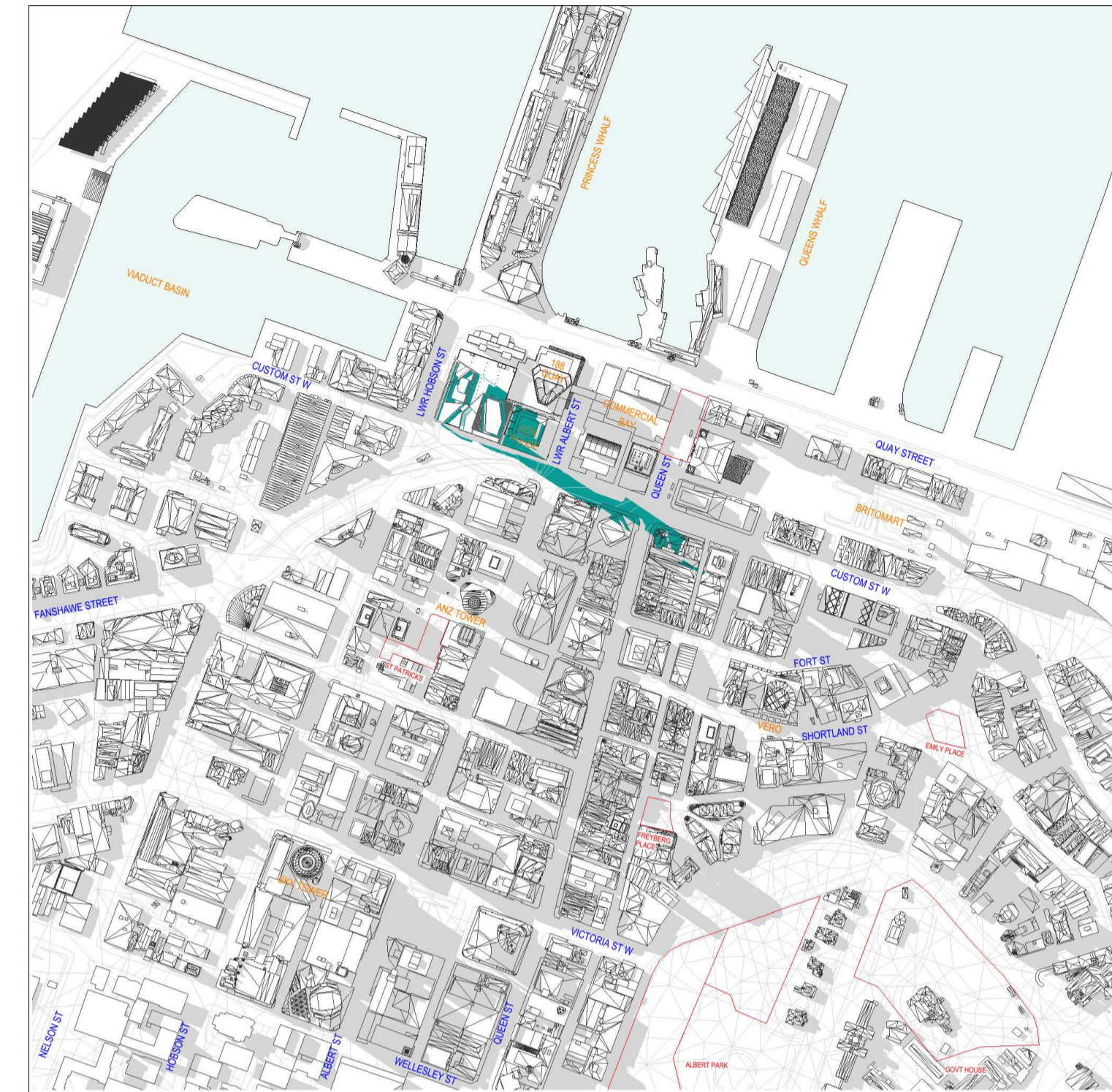
WARREN AND MAHONEY



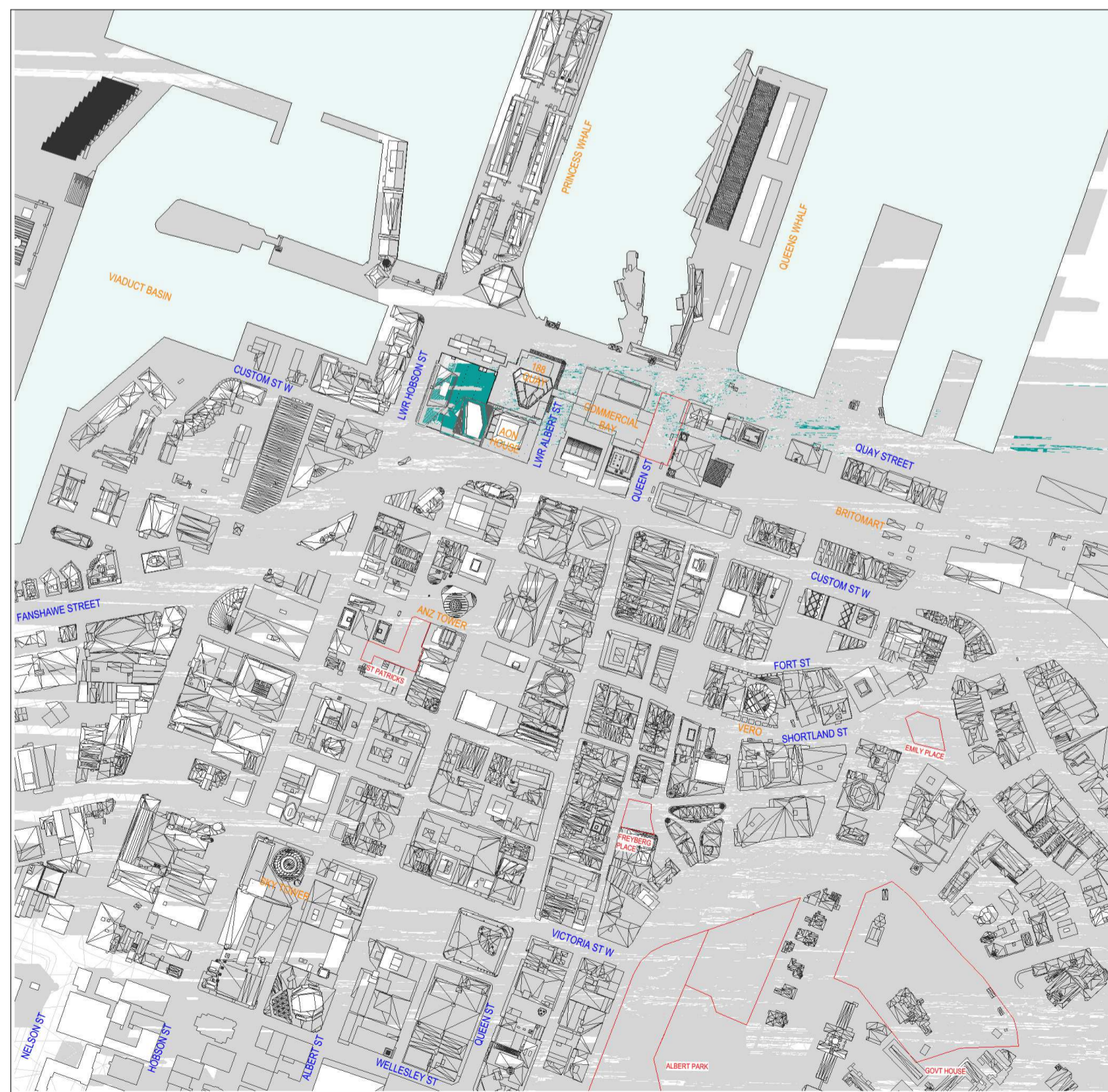
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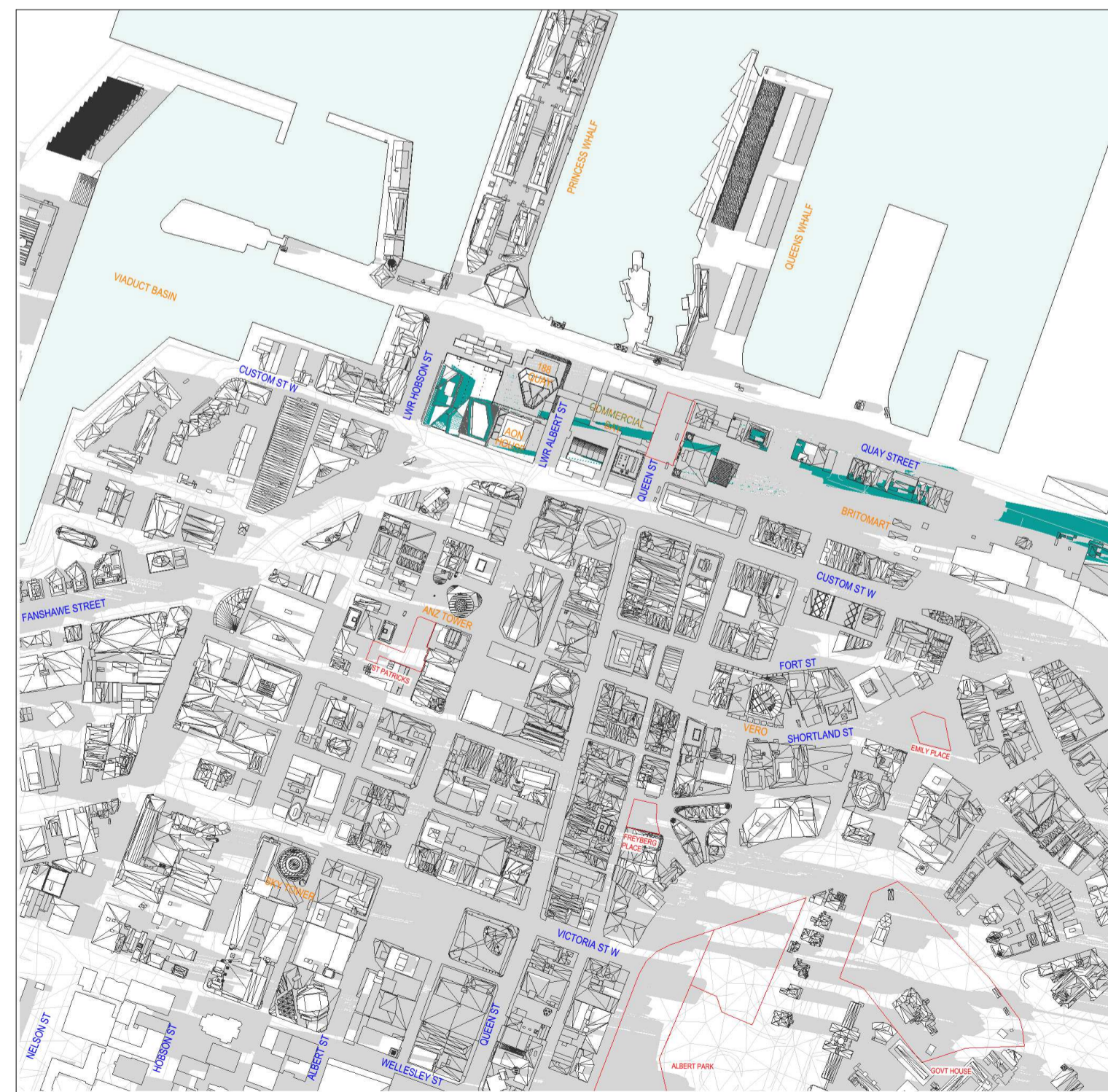
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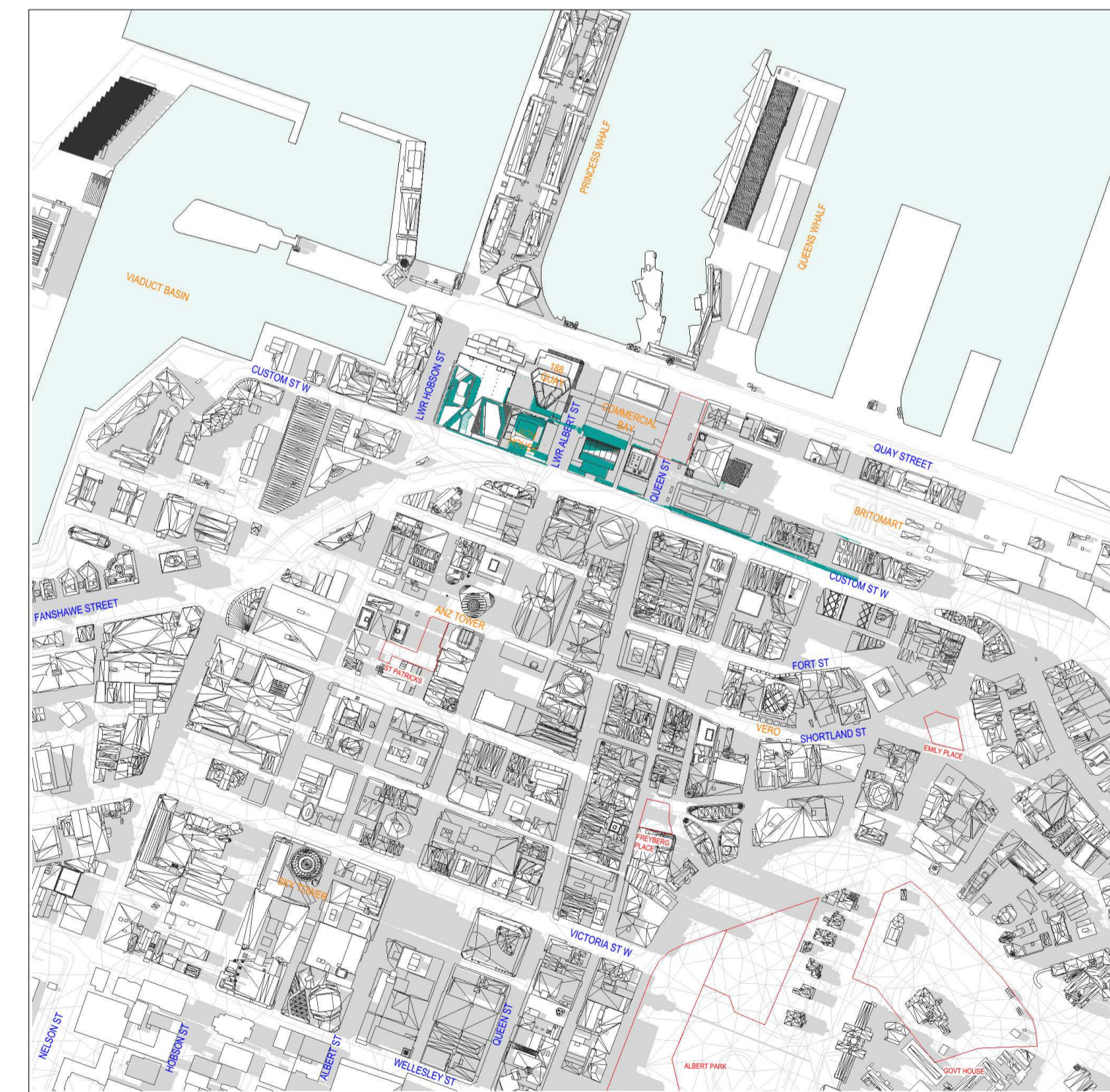
Sep 23 - 03_00 PM



Sep 23 - 04_00 PM



Sep 23 - 05_00 PM



Sep 23 - 06_00 PM

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Revisions

- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

Notes

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-  IDENTIFIED PUBLIC PLACES: APPENDIX 11 BUSINESS - CITY CENTRE ZONE SUNLIGHT ADMISSION INTO PUBLIC PLACES: FIGURE 1

Consultants

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Project Manager
- RLB
Quantity Surveyor
- HOLMES
Structural Engineer
- MOTT MAC DONALD
Services Engineer
- CROSSFIRE
Fire Engineer
- TONKIN + TAYLOR
Civil Engineer
- FLOW
Traffic Engineer

Client



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Wynyard Quarter
Auckland 1010
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Phone + 64 9 309 4894

Registered Architects and Designers
www.warrenandmahoney.com

Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**CITY SCAPE
SHADING ANALYSIS
SUMMER SOLSTICE
DEC 21 - 0700-1200.**

Drawing Status

**RESOURCE CONSENT
ISSUE**

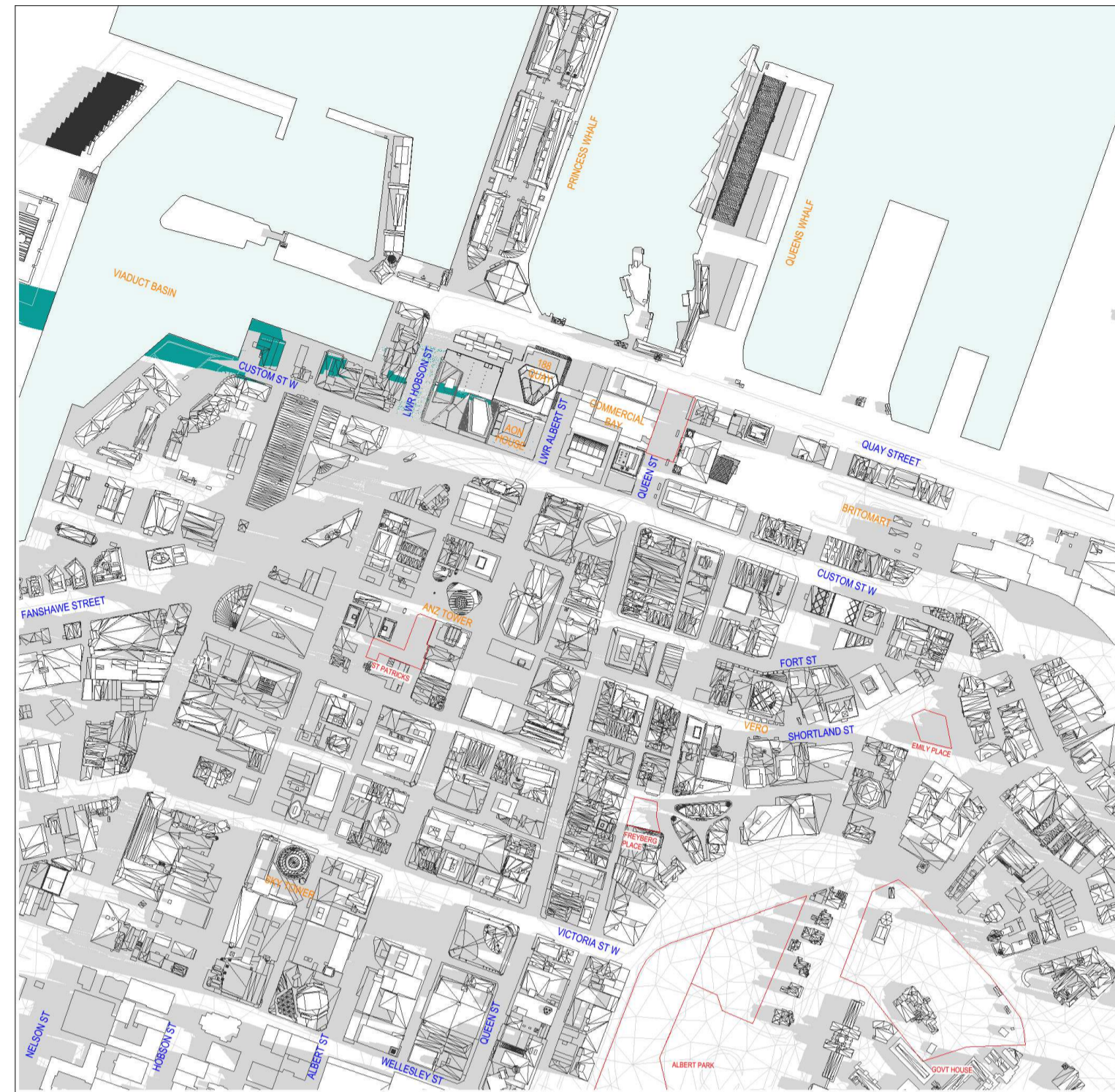
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Date	09/12/24
Job No	9234
Drawn	WAM
Checked	MM

Drawing No **Revision**

RC08-0003 **(E)**

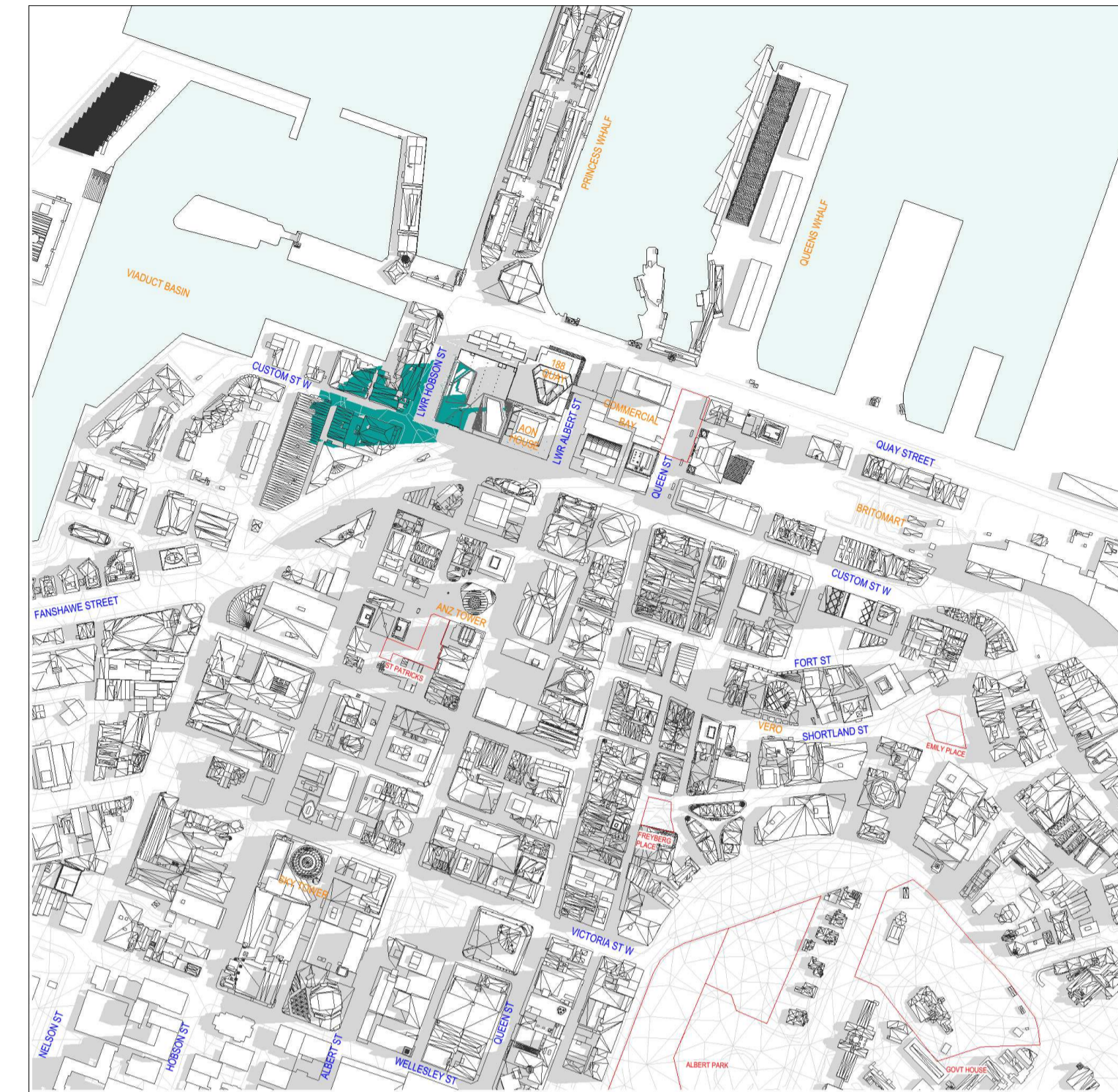
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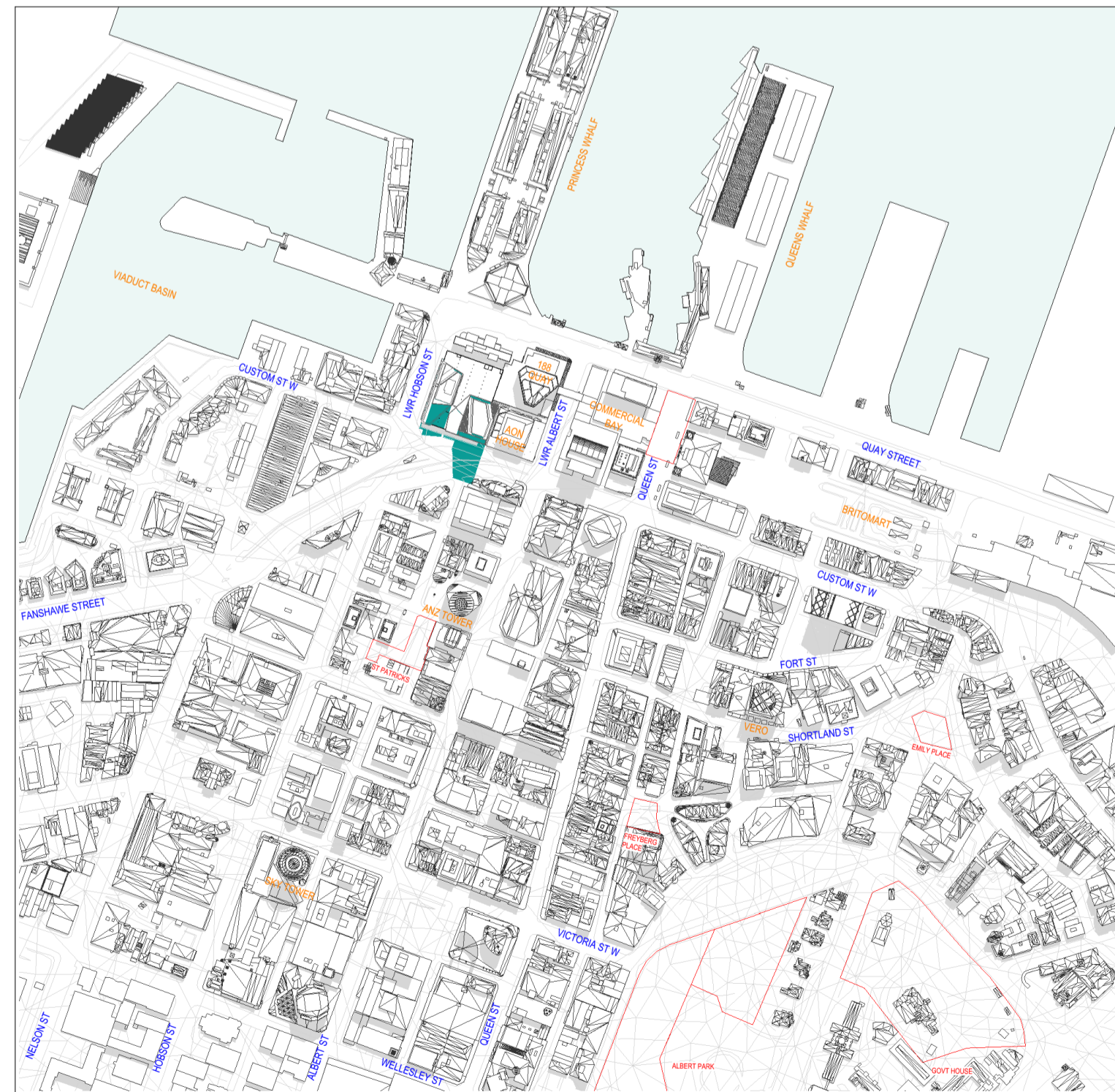
Dec 21 - 07_00 AM



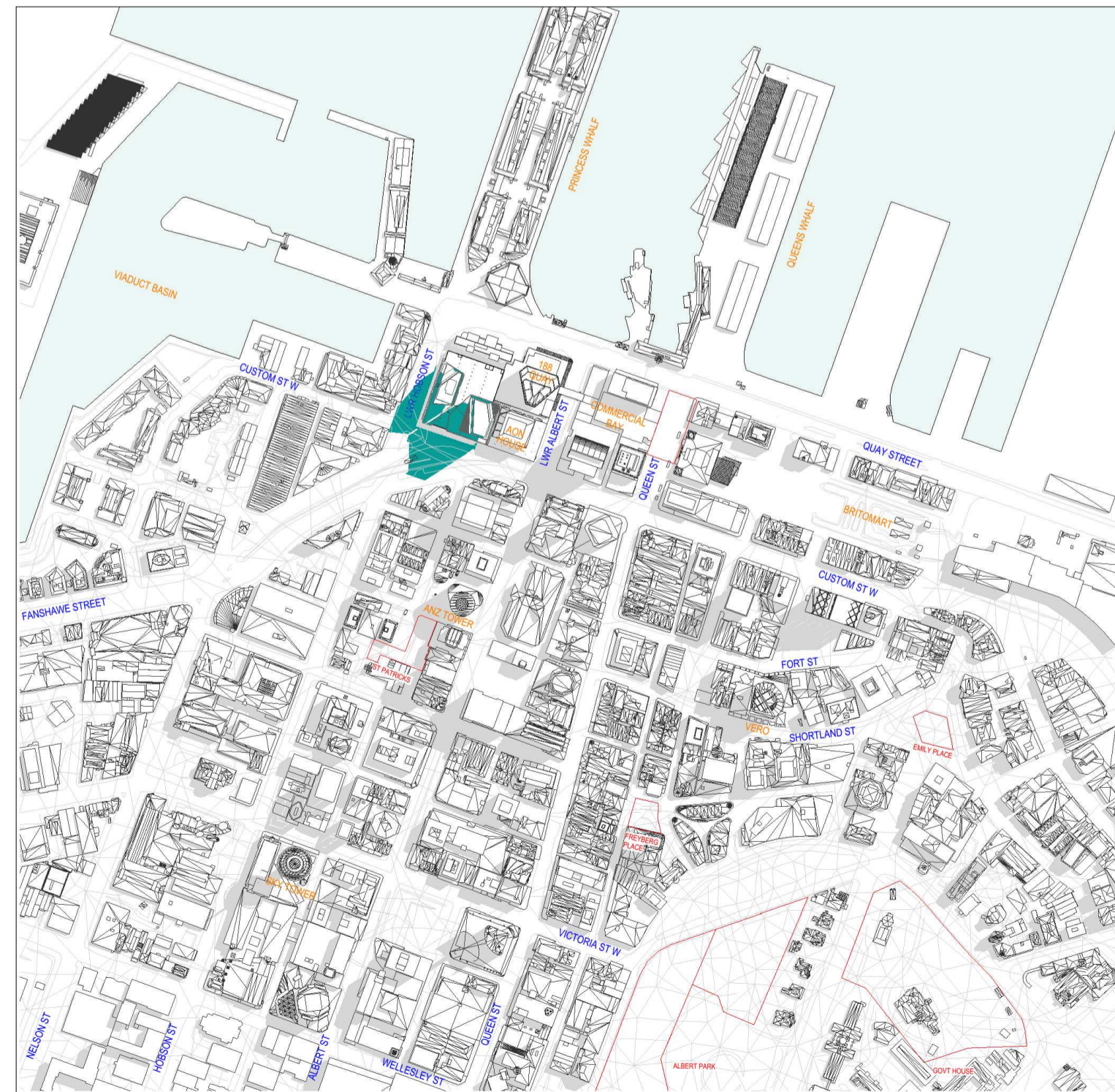
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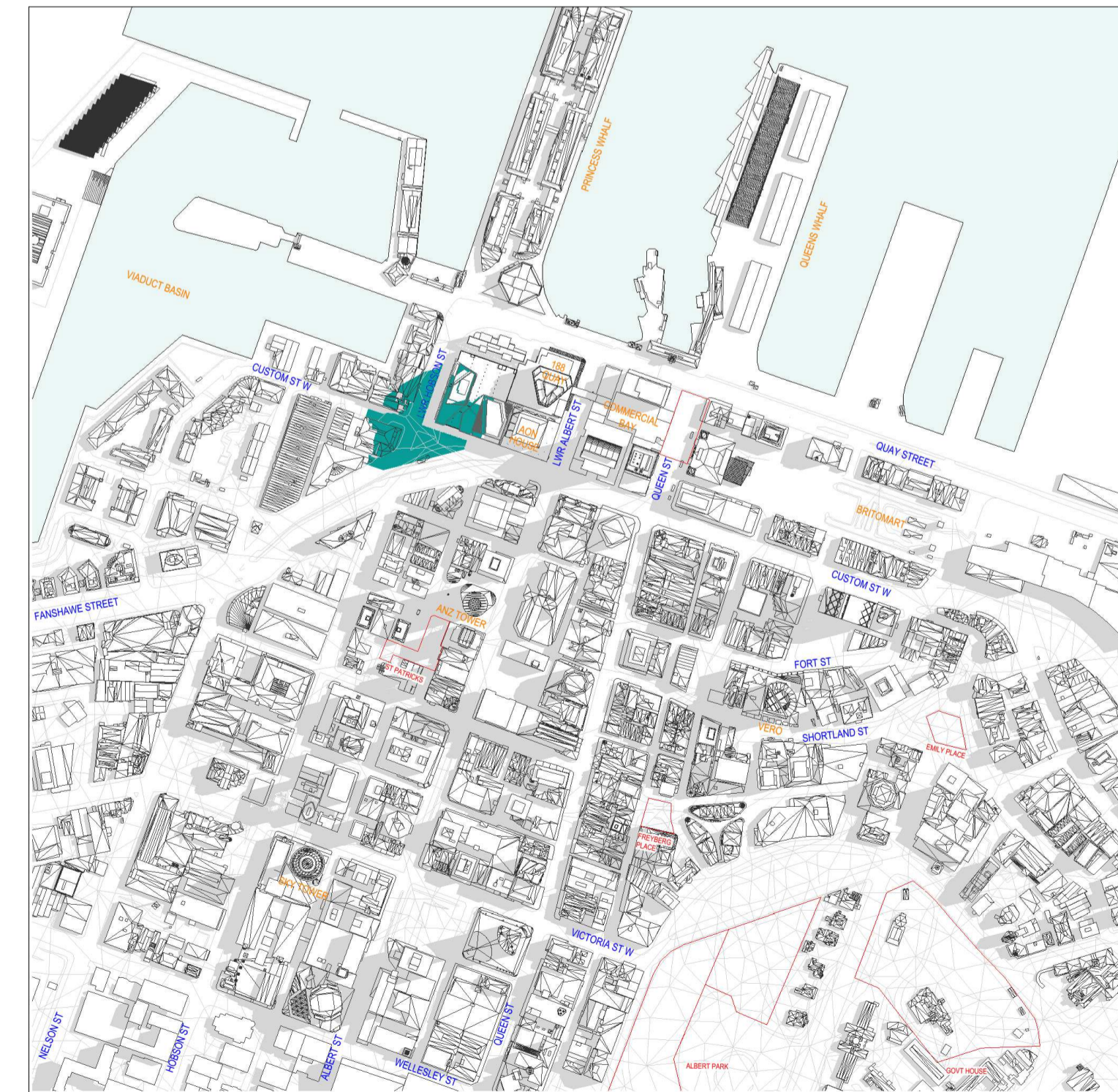
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Dec 21 - 10_00 AM



Dec 21 - 11_00 AM



Dec 21 - 12_00 PM

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Revisions

- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

Notes

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- RLB
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- TONKIN + TAYLOR
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Client



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www.warrenandmahoney.com

Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**CITY SCAPE
SHADING ANALYSIS
SUMMER SOLSTICE
DEC 21 - 1300-1800.**

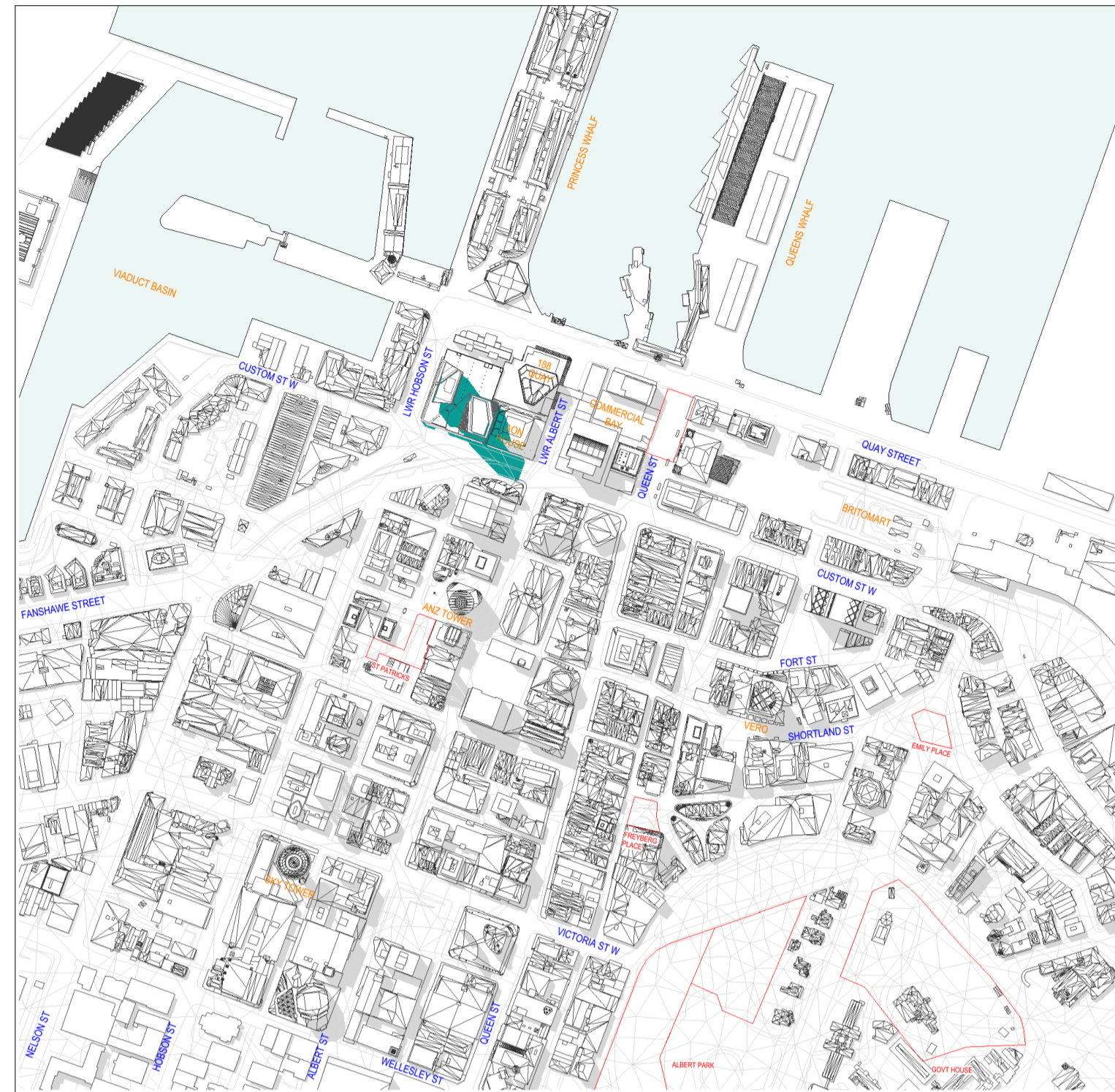
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ISSUE**

Drawing Details

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Date 09/12/24
Job No 9234
Drawn WAM
Checked MM

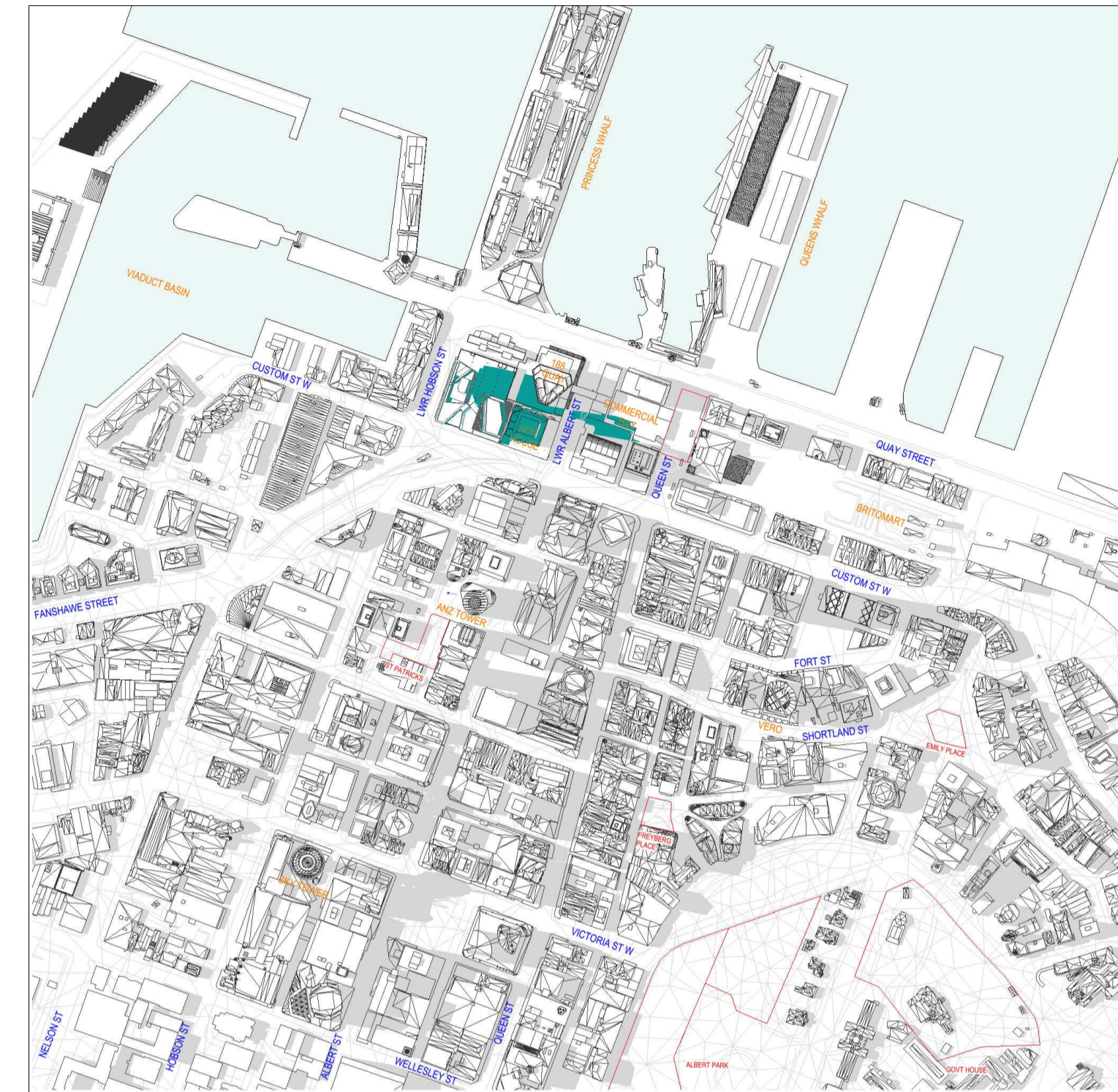
Drawing No Revision
RC08-0004 (E)
WARREN AND MAHONEY



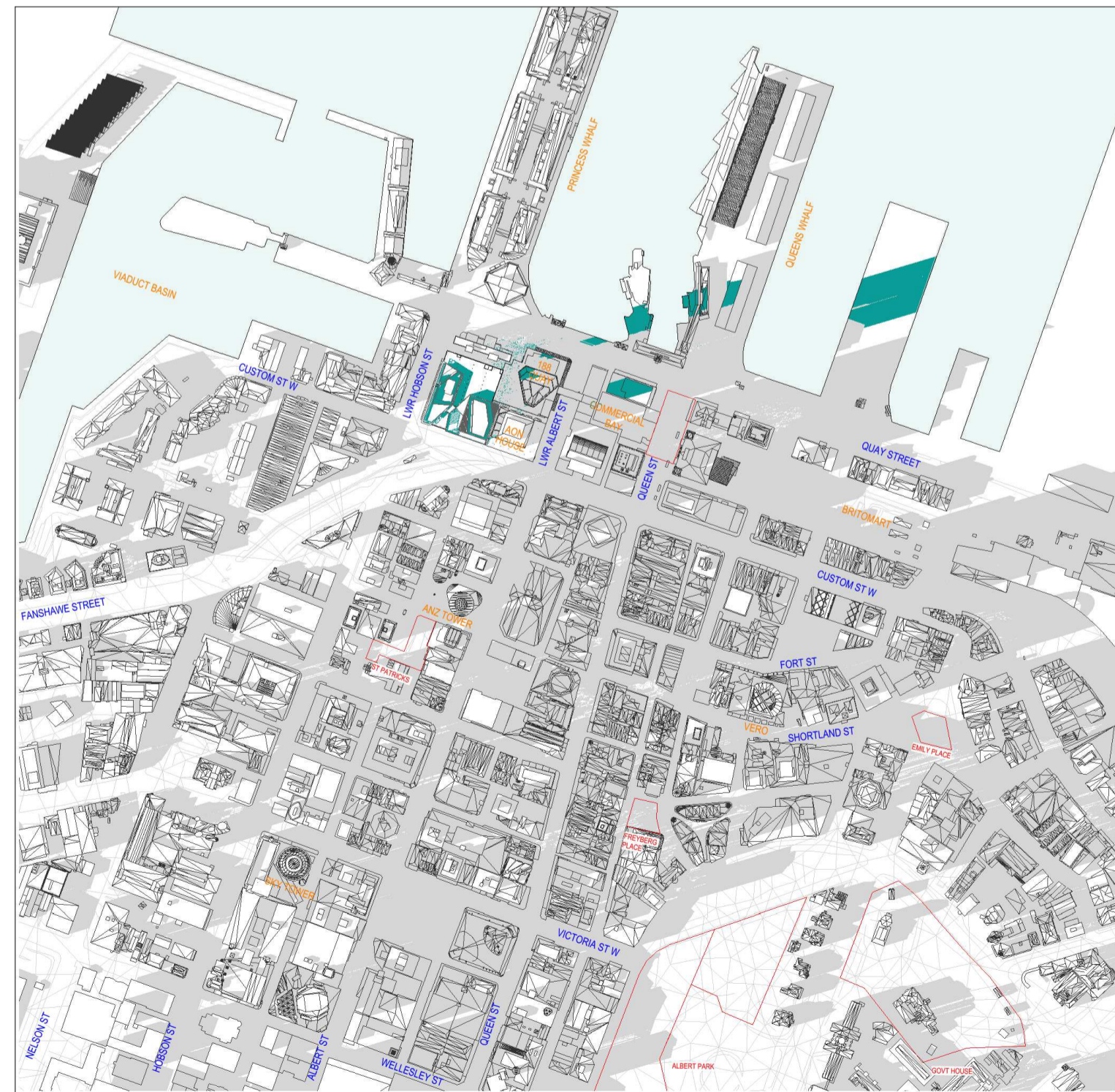
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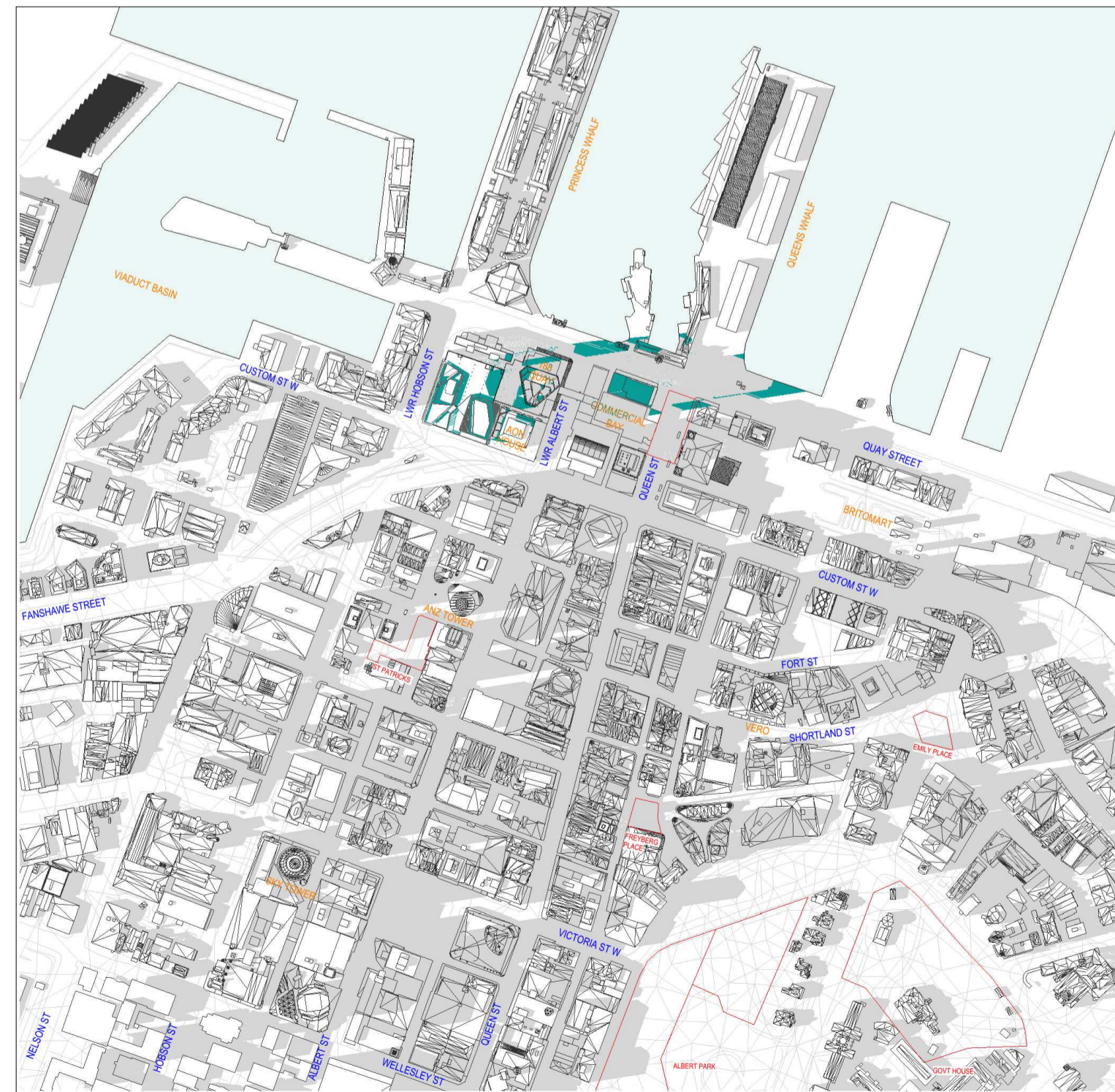
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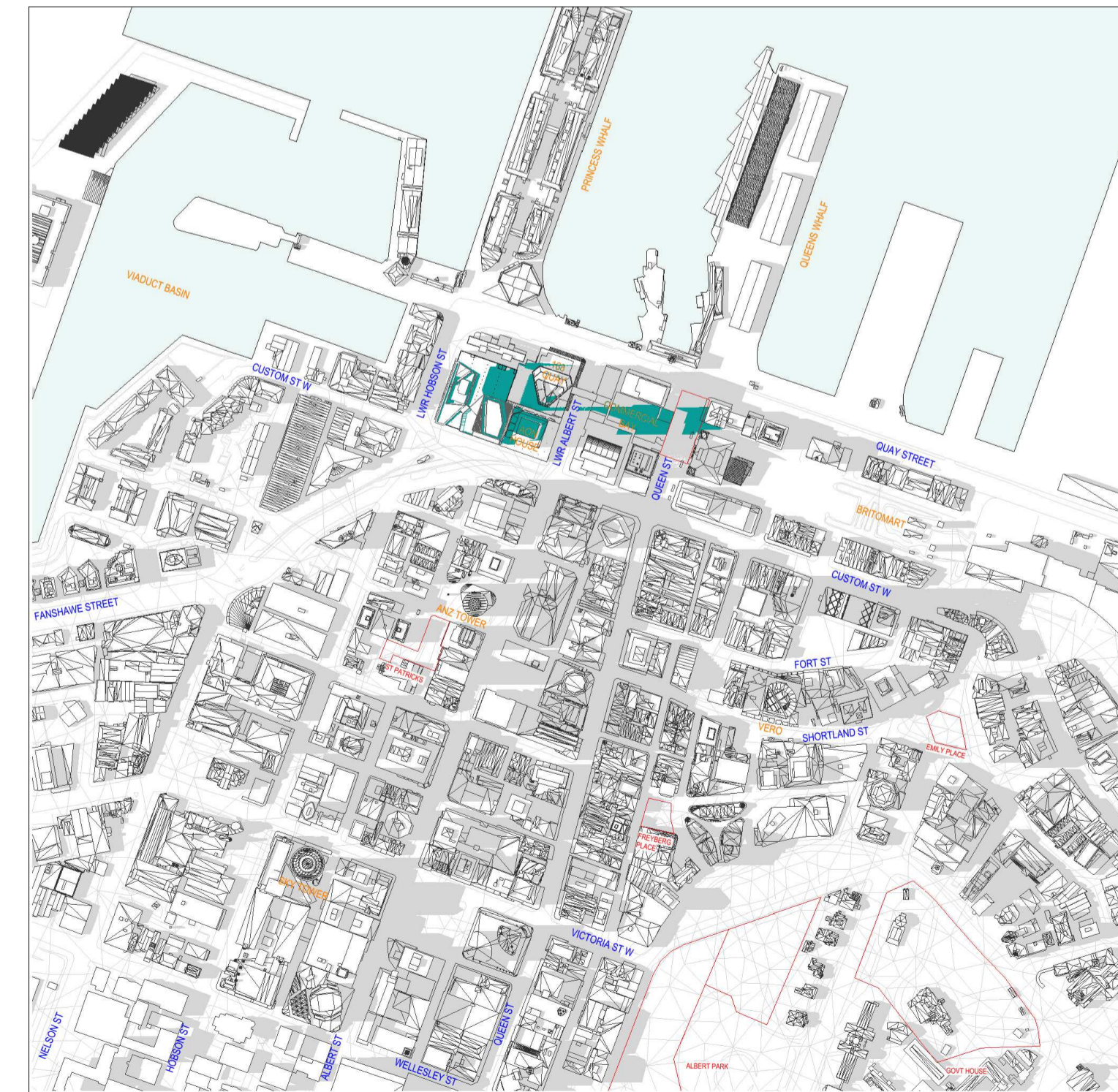
Dec 21 - 03_00 PM



Dec 21 - 04_00 PM



Dec 21 - 05_00 PM



Dec 21 - 06_00 PM

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Revisions

- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

Notes

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- SHADING GENERATED BY EXISTING OR APPROVED STRUCTURES
- IDENTIFIED PUBLIC PLACES: APPENDIX 11 BUSINESS - CITY CENTRE ZONE SUNLIGHT ADMISSION INTO PUBLIC PLACES: FIGURE 1



Dec 21 - 07_00 PM



Dec 21 - 08_00 PM

Consultants

- RCP
Project Manager
- RLB
Quantity Surveyor
- HOLMES
Structural Engineer
- MOTT MAC DONALD
Services Engineer
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- TONKIN + TAYLOR
Civil Engineer
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Traffic Engineer

Client



**Warren and Mahoney Architects
New Zealand Ltd**

Ground Floor, Mason Bros.
139 Pakenham Street West
Wynyard Quarter
Auckland 1010
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Phone + 64 9 309 4894

Registered Architects and Designers
www.warrenandmahoney.com

Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**CITY SCAPE
SHADING ANALYSIS
SUMMER SOLSTICE
DEC 21 - 1900-2000.**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale 1 : 1 @ A1
Date 09/12/24
Job No 9234
Drawn WAM
Checked MM

Drawing No Revision

RC08-0005 (E)

WARREN AND MAHONEY

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- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
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Registered Architects and Designers
www.warrenandmahoney.com
Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**CITY SCAPE
SHADING ANALYSIS
WINTER SOLSTICE
JUN 21 - 0800-1300**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale	1 : 1 @ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	MM

Drawing No **Revision**

RC08-0006 **(E)**

WARREN AND MAHONEY



Jun 21 - 08_00 AM



Jun 21 - 09_00 AM



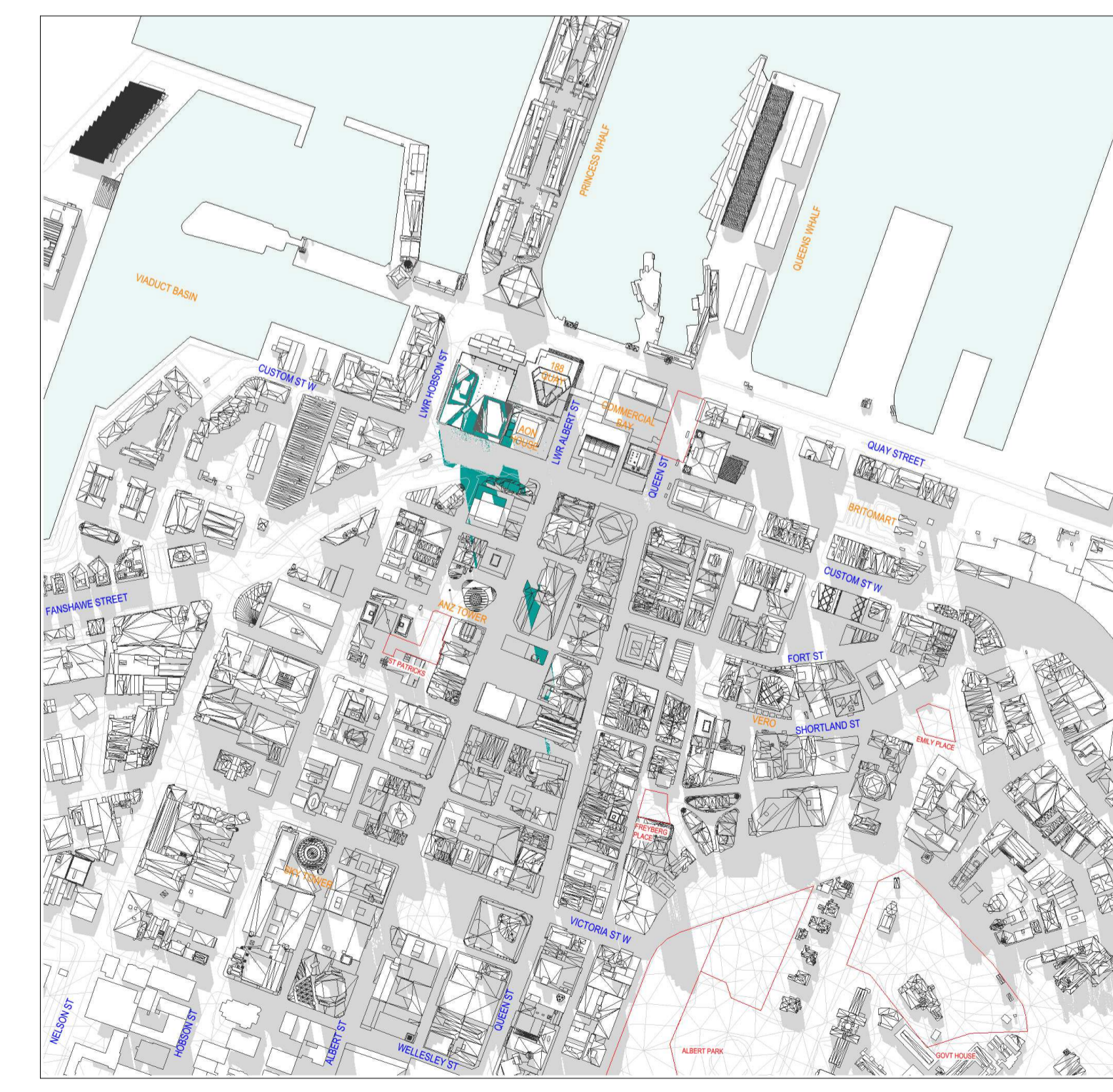
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Jun 21 - 11_00 AM



Jun 21 - 12_00 PM



Jun 21 - 01_00 PM

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Revisions

- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

Notes

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- SHADING GENERATED BY EXISTING OR APPROVED STRUCTURES
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Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**CITY SCAPE
SHADING ANALYSIS
WINTER SOLSTICE
JUN 21 - 1400-1700**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale 1 : 1 @ A1
Date 09/12/24
Job No 9234
Drawn WAM
Checked MM

Drawing No Revision

RC08-0007 (E)

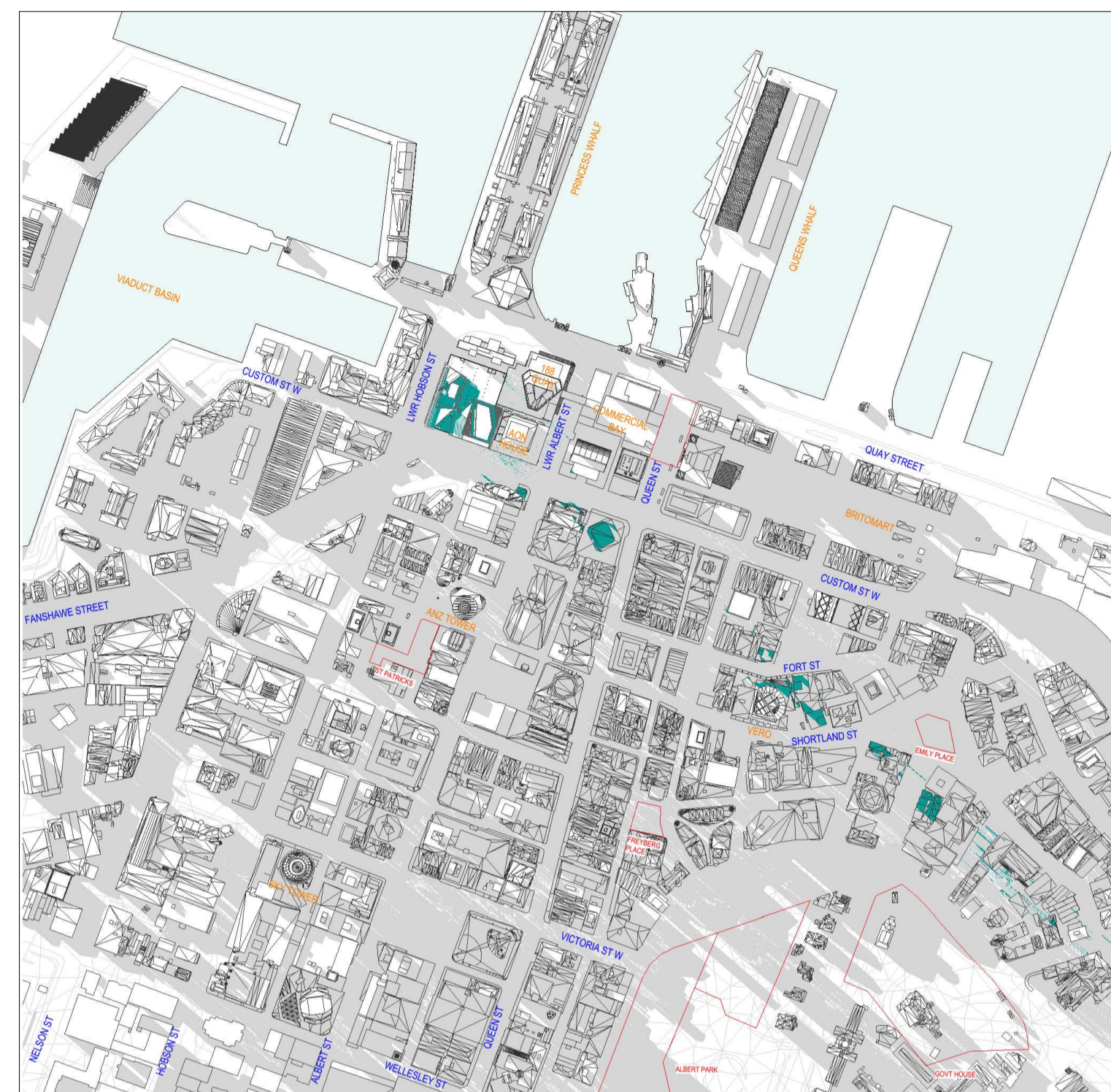
WARREN AND MAHONEY



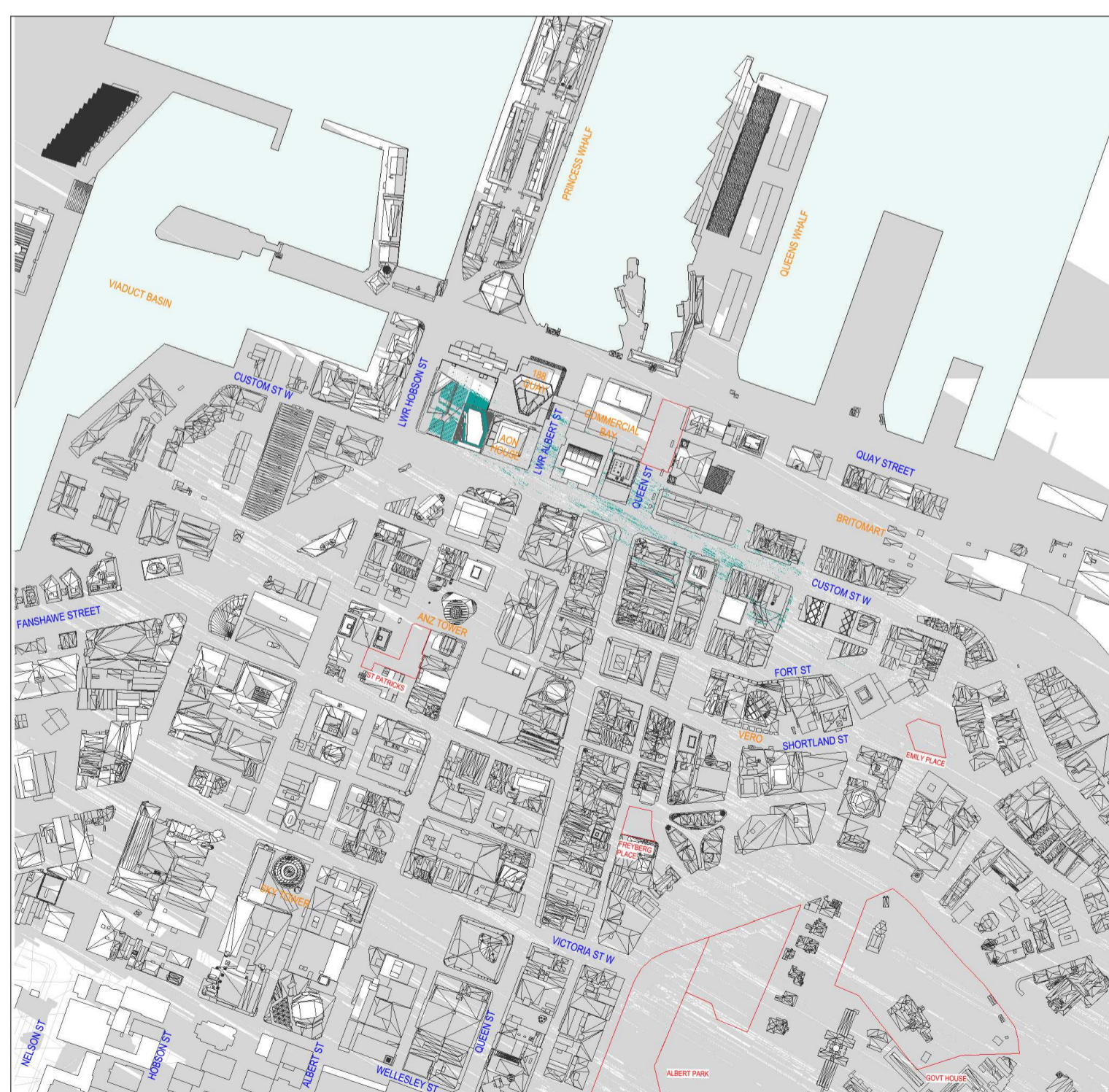
Jun 21 - 02_00 PM



Jun 21 - 03_00 PM



Jun 21 - 04_00 PM



Jun 21 - 05_00 PM



Sep 23 - 10_00 AM



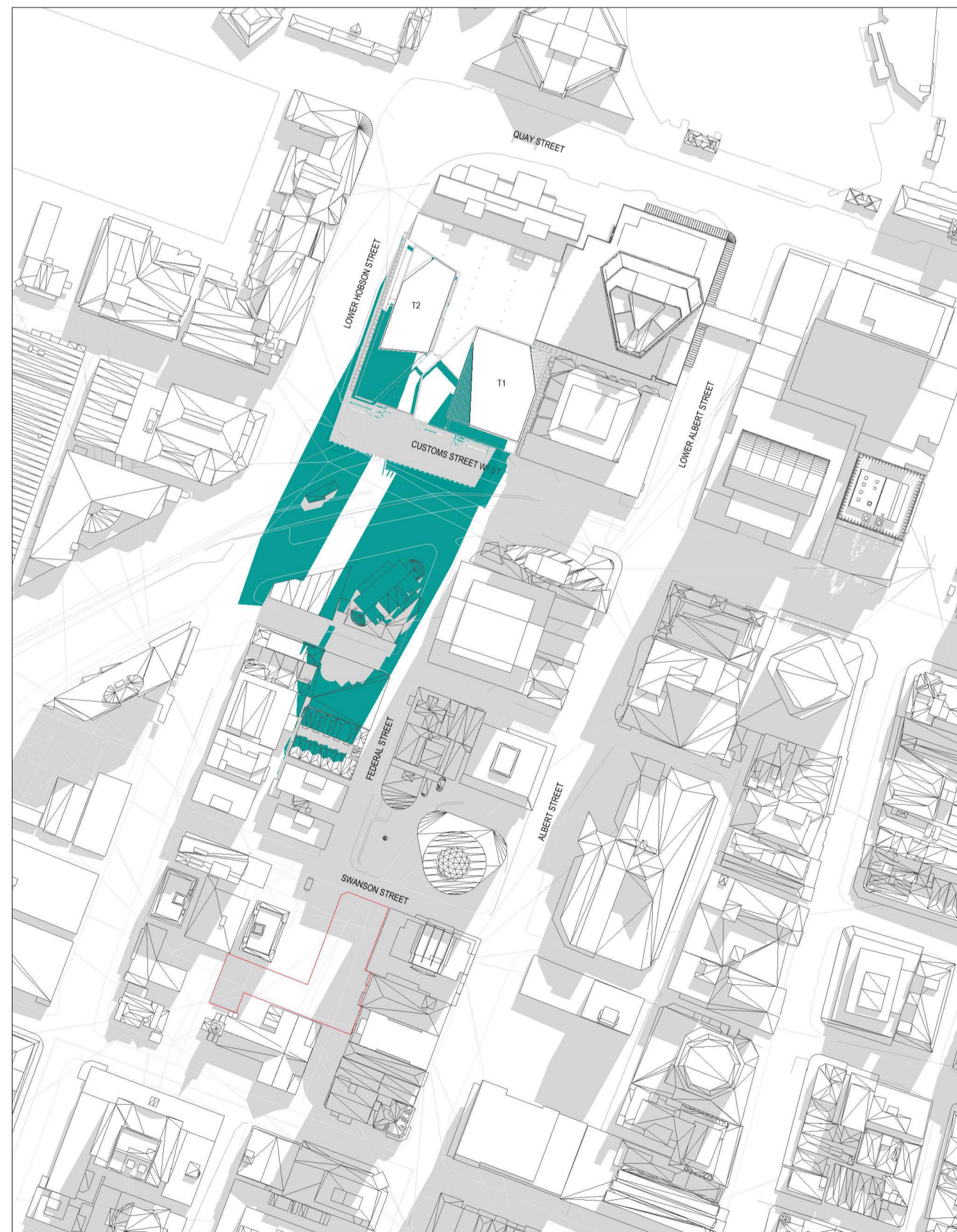
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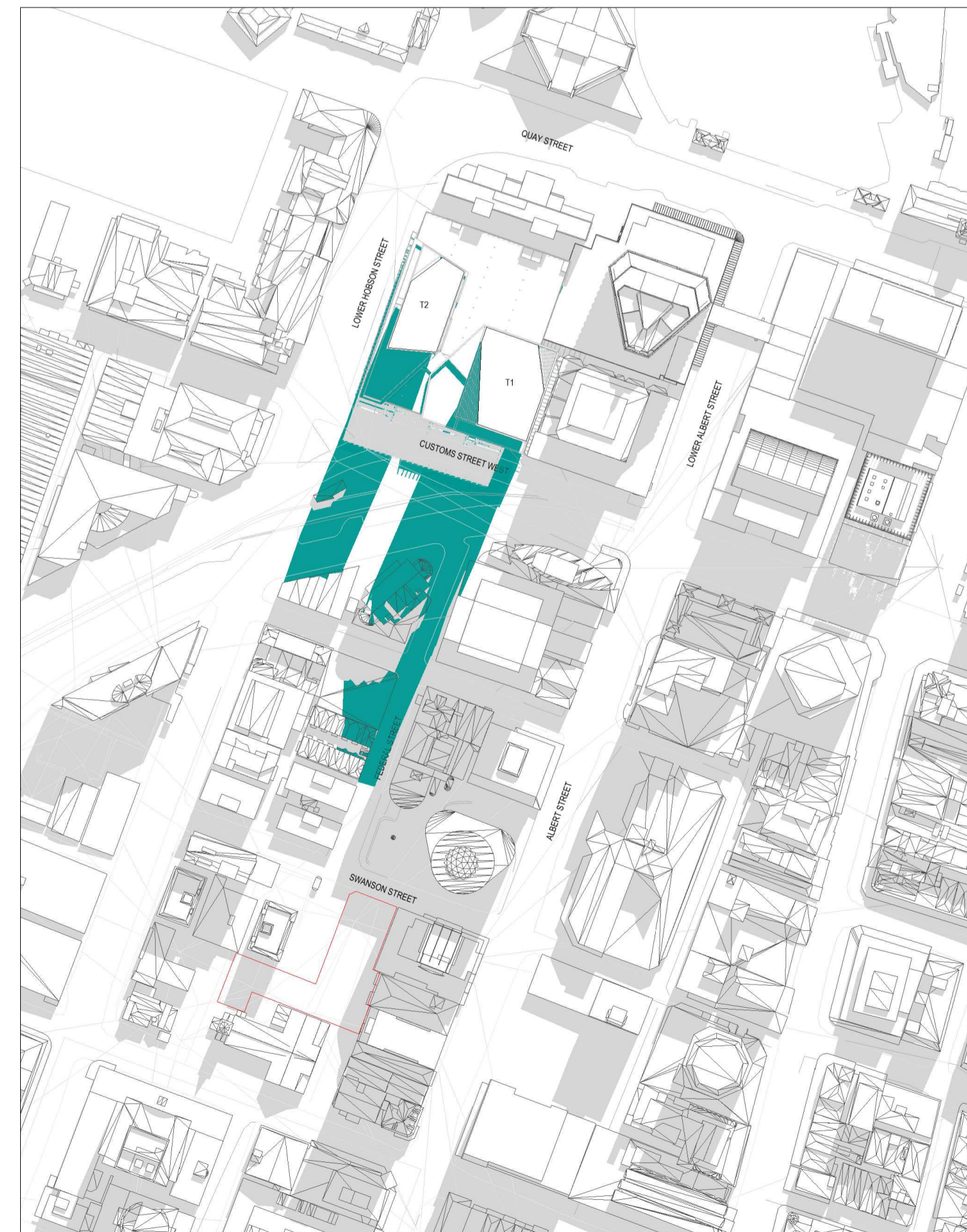
Sep 23 - 10_30 AM



Sep 23 - 10_45 AM



Sep 23 - 11_00 AM



Sep 23 - 11_15 AM

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- A 07/06/24 DRAFT RC ISSUE
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- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

Notes

- SHADOWS CAST BY NEW DEVELOPMENT
- SHADING GENERATED BY EXISTING OR APPROVED STRUCTURES
- ST PATRICK'S SQUARE - APART FROM SHADOWS FROM EXISTING HOBSON TOWERS, SUNLIGHT REQUIRED ON THIS AREA ALL YEAR ROUND BETWEEN 12.00noon - 2.00pm

Consultants

- RCP
Project Manager
- RLB
Quantity Surveyor
- HOLMES
Structural Engineer
- MOTT MAC DONALD
Services Engineer
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Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**ST PATRICK'S SQ
SHADING ANALYSIS
SPRING EQUINOX
SEP 23 - 1000-1115**

Drawing Status

**RESOURCE CONSENT
ISSUE**

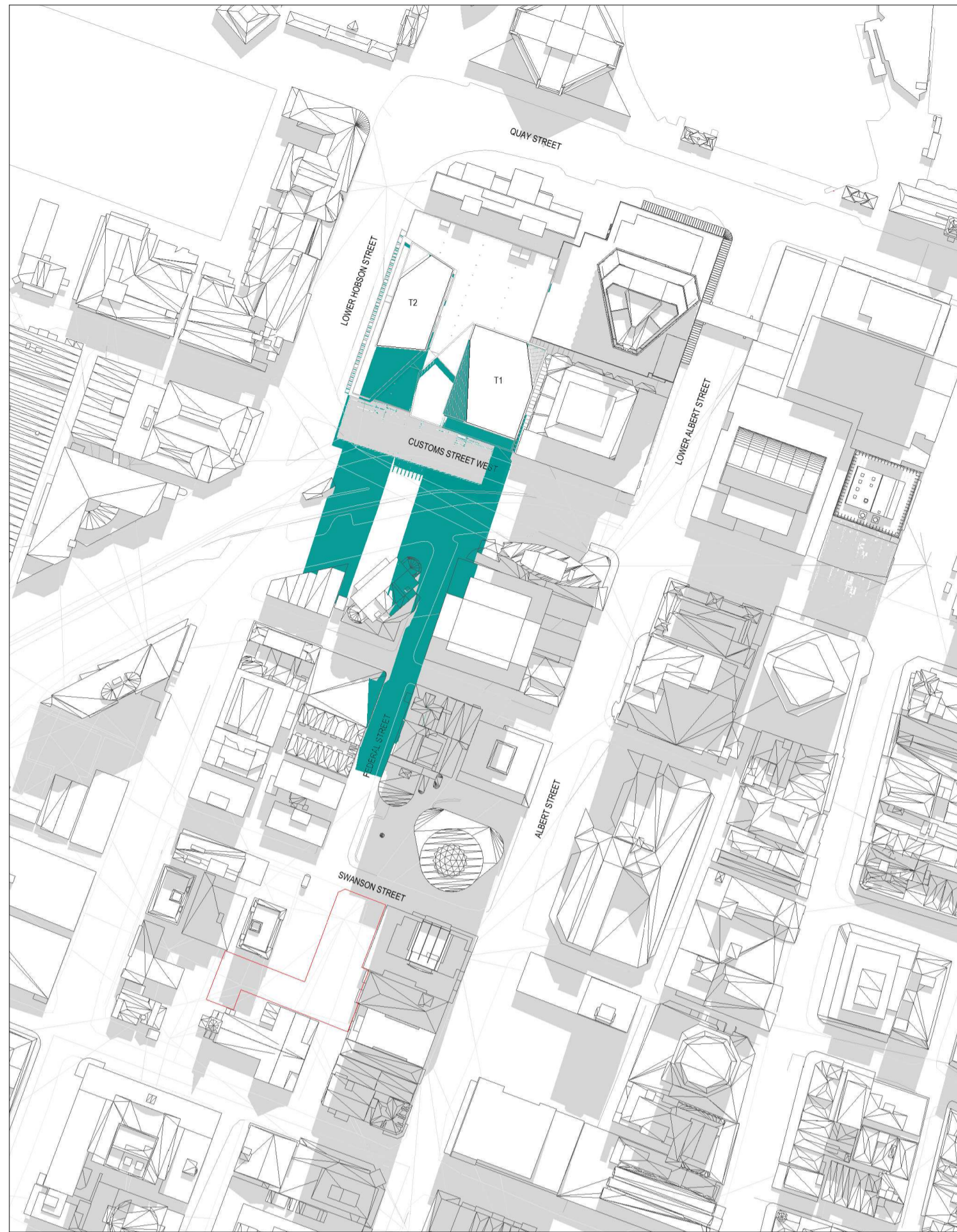
Drawing Details

Scale	1 : 1 @ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	MM

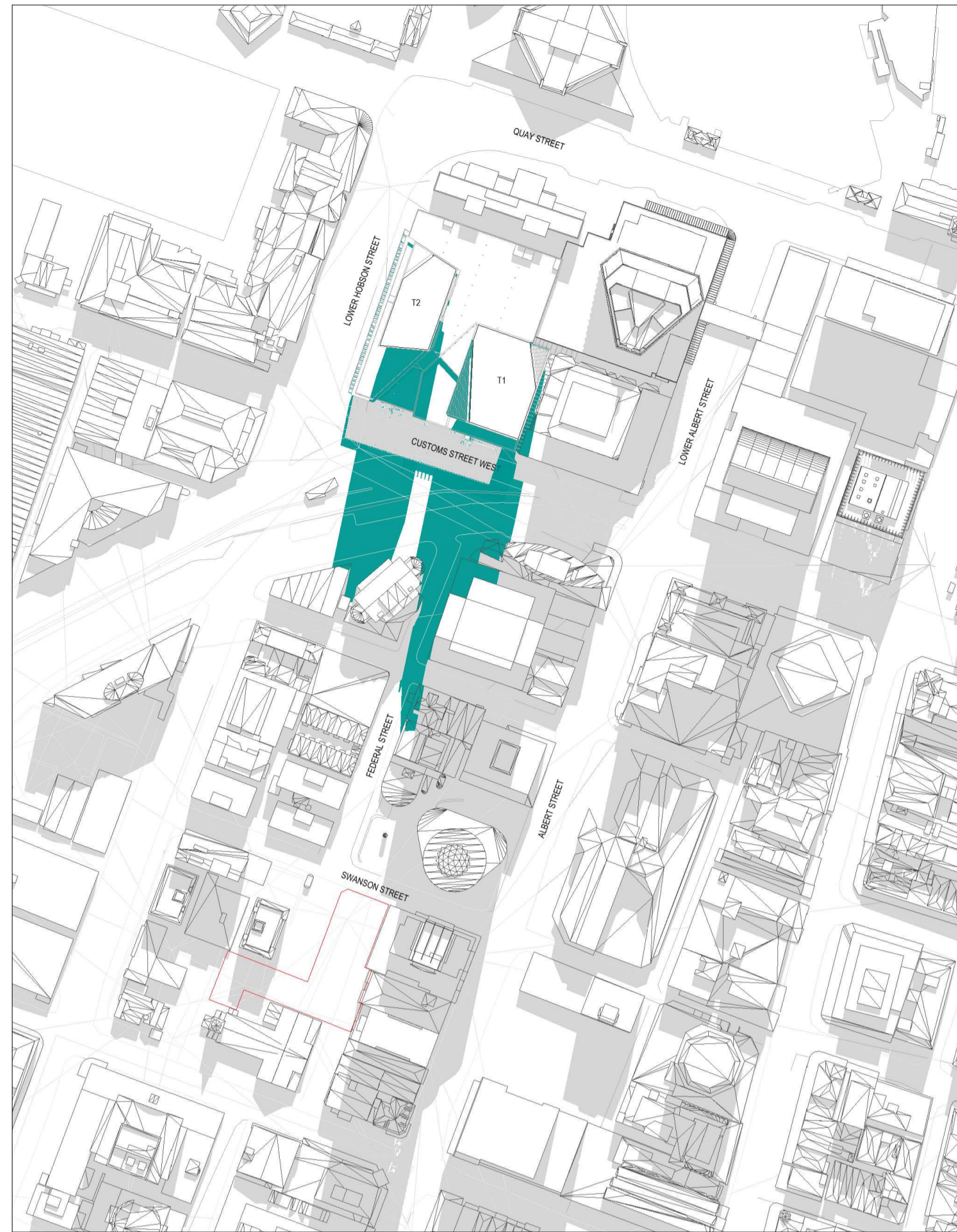
Drawing No **Revision**

RC08-0010 (E)

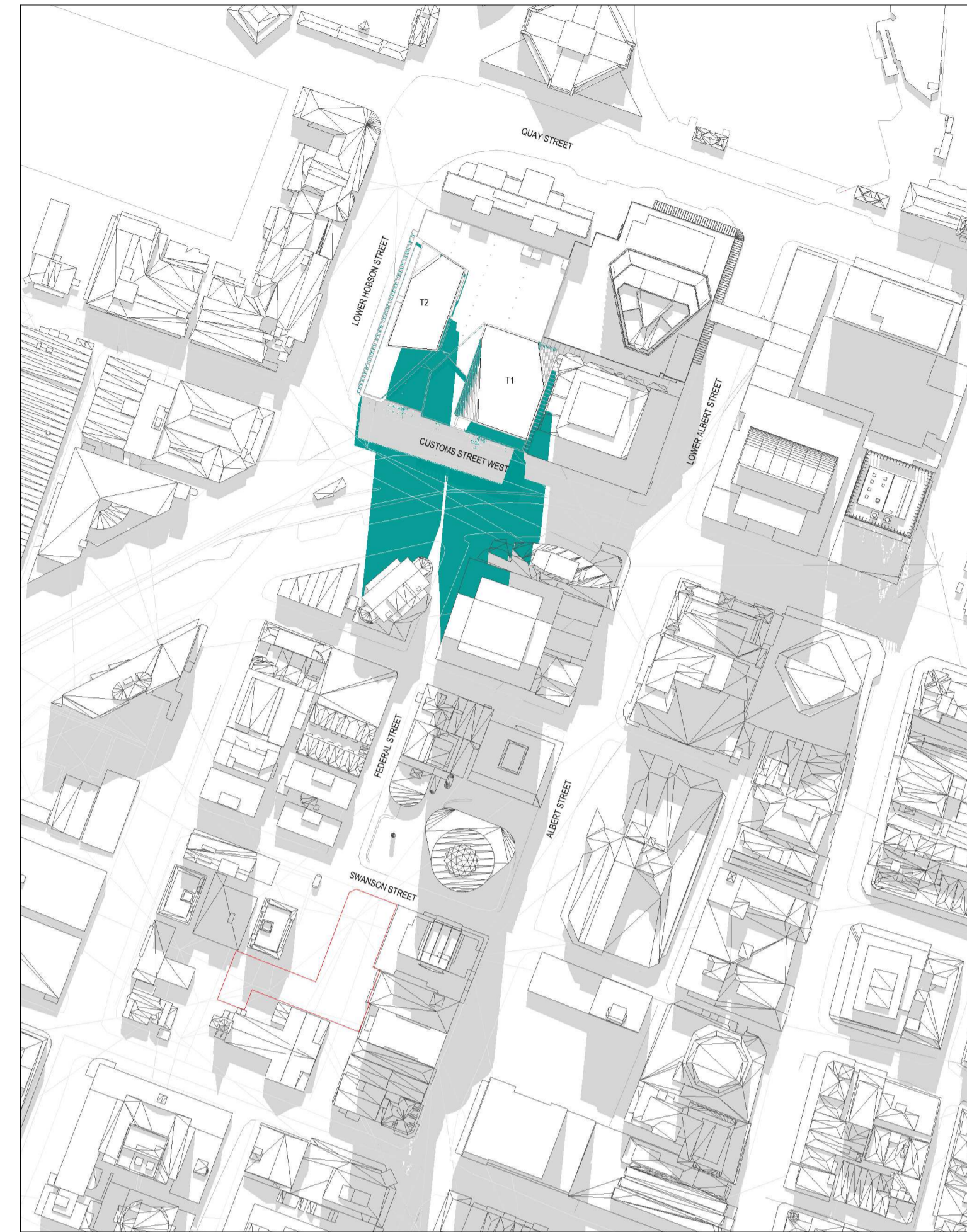
WARREN AND MAHONEY



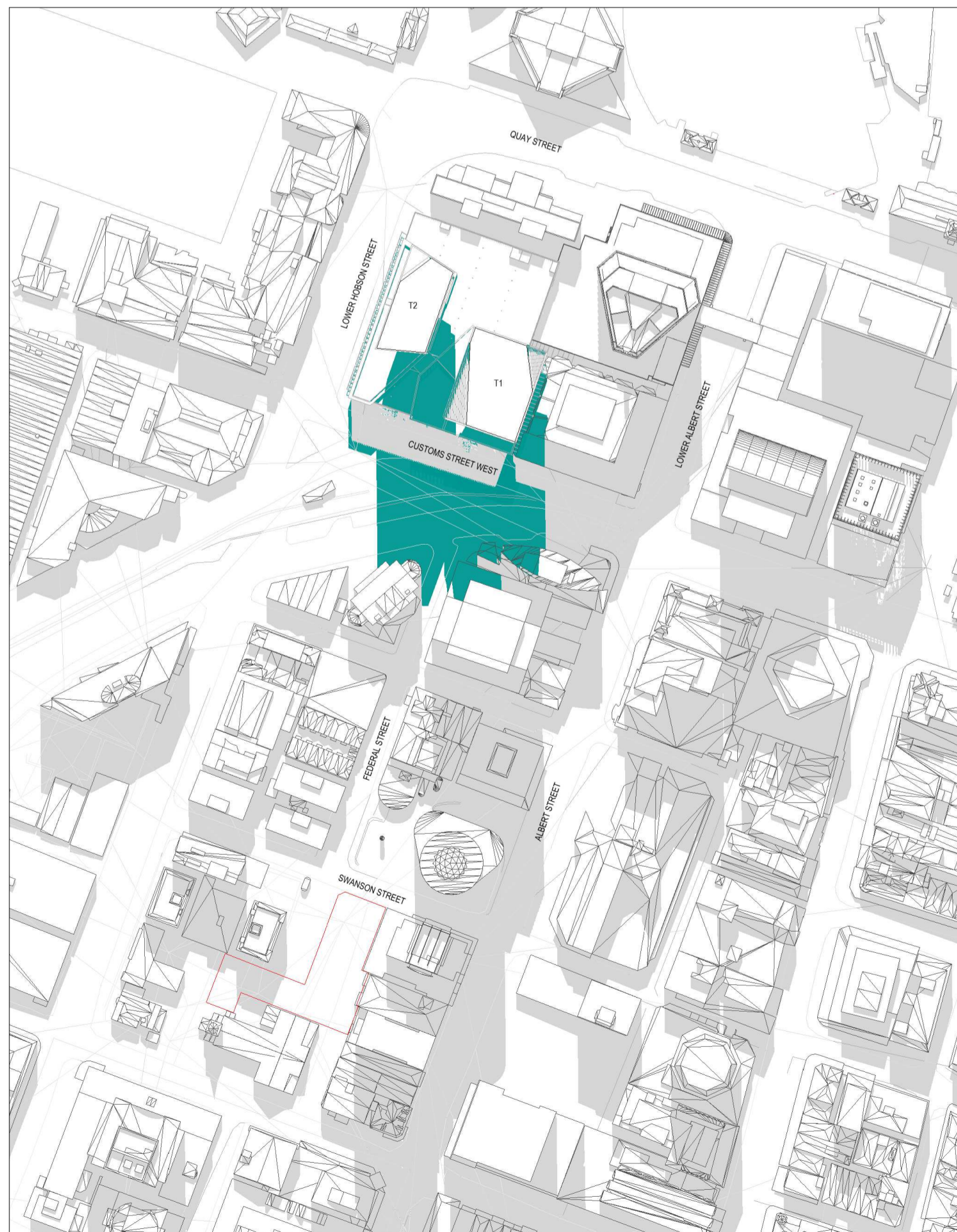
Sep 23 - 11_30 AM



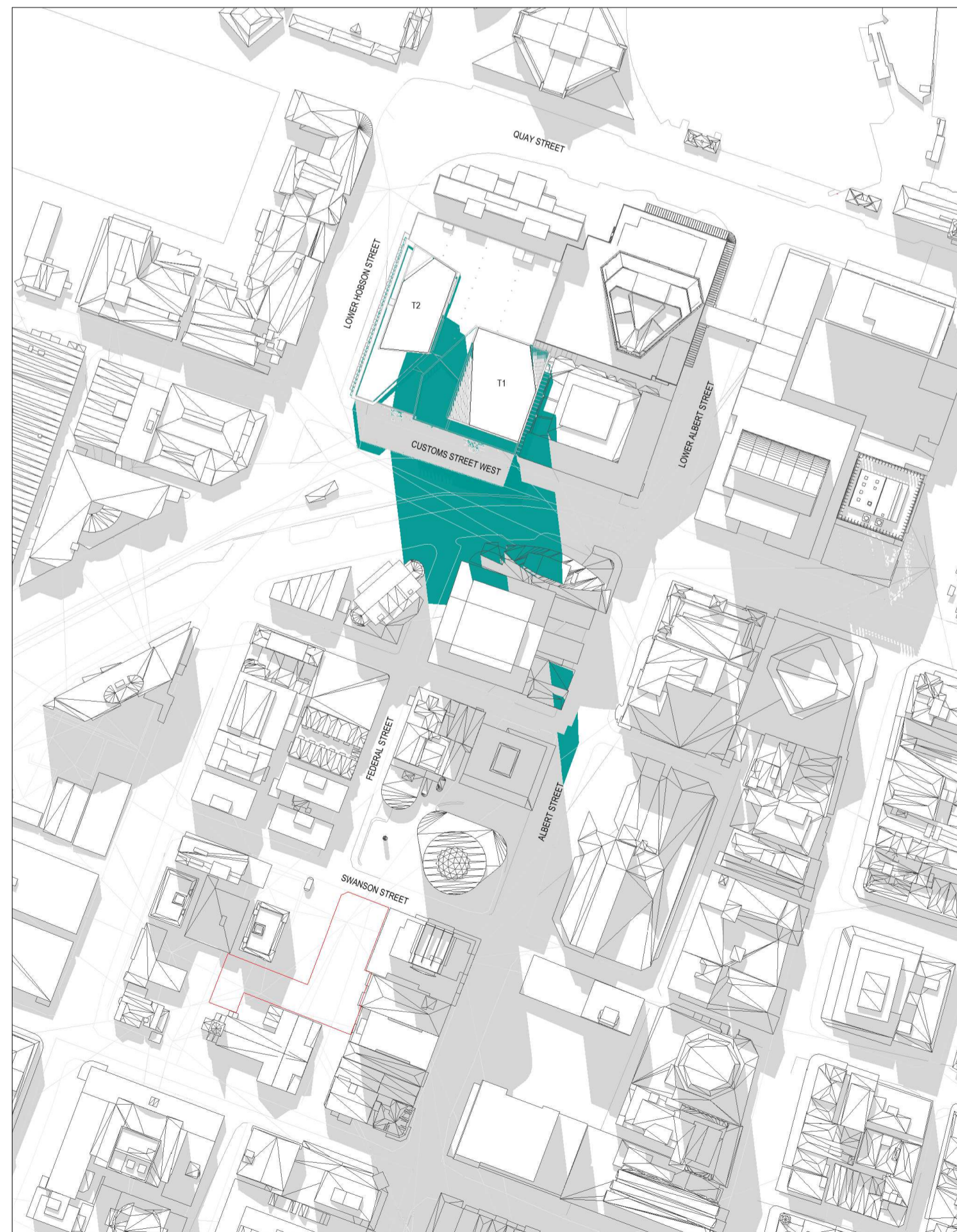
Sep 23 - 11_45 AM



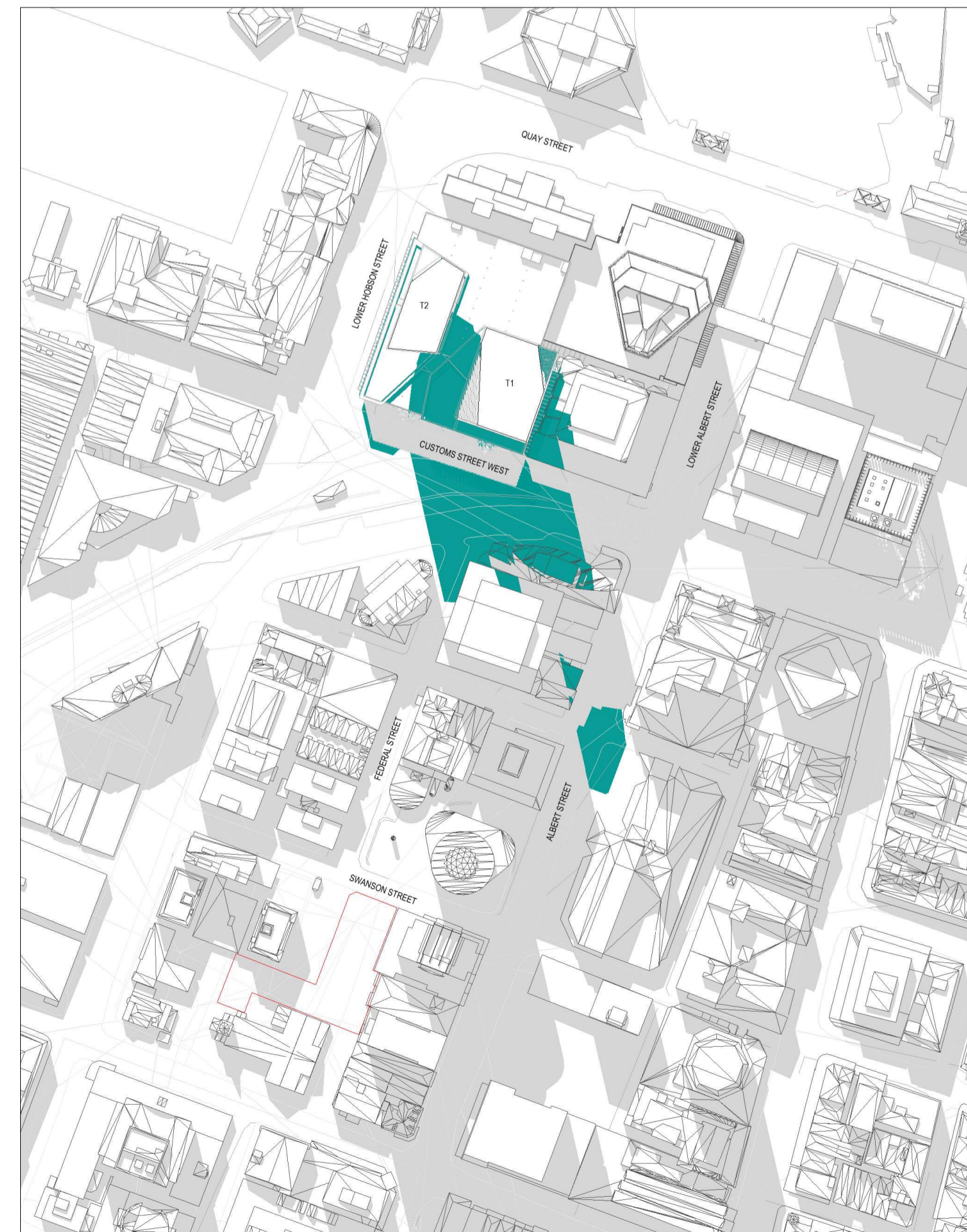
Sep 23 - 12_00 PM



Sep 23 - 12_15 PM



Sep 23 - 12_30 PM



Sep 23 - 12_45 PM

All dimension to be verified on site before producing shop drawings or commencing any work. Do not scale. The copyright of this drawing remains with Warren and Mahoney Architects New Zealand Ltd.

Revisions

- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

Notes

- SHADOWS CAST BY NEW DEVELOPMENT
- SHADING GENERATED BY EXISTING OR APPROVED STRUCTURES
- ST PATRICK'S SQUARE - APART FROM TOWERS, SUNLIGHT REQUIRED ON THIS AREA ALL YEAR ROUND BETWEEN 12.00noon - 2.00pm

Consultants

- RCP
Project Manager
- RLB
Quantity Surveyor
- HOLMES
Structural Engineer
- MOTT MAC DONALD
Services Engineer
- CROSSFIRE
Fire Engineer
- TONKIN + TAYLOR
Civil Engineer
- FLOW
Traffic Engineer

Client



**Warren and Mahoney Architects
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Ground Floor, Mason Bros.
139 Pakenham Street West
Wynyard Quarter
Auckland 1010
New Zealand
Phone + 64 9 309 4894

Registered Architects and Designers
www.warrenandmahoney.com

Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**ST PATRICK'S SQ
SHADING ANALYSIS
SPRING EQUINOX
SEP 23 - 1130-1245**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale	1 : 1 @ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	MM

Drawing No **Revision**

RC08-0011 (E)

WARREN AND MAHONEY



Sep 23 - 01_00 PM



Sep 23 - 01_15 PM



Sep 23 - 01_30 PM



Sep 23 - 01_45 PM



Sep 23 - 02_00 PM

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Revisions

- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

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Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**ST PATRICK'S SQ
SHADING ANALYSIS
SPRING EQUINOX
SEP 23 - 1300-1400**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale	1 : 1 @ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	MM

Drawing No **Revision**

RC08-0012 (E)

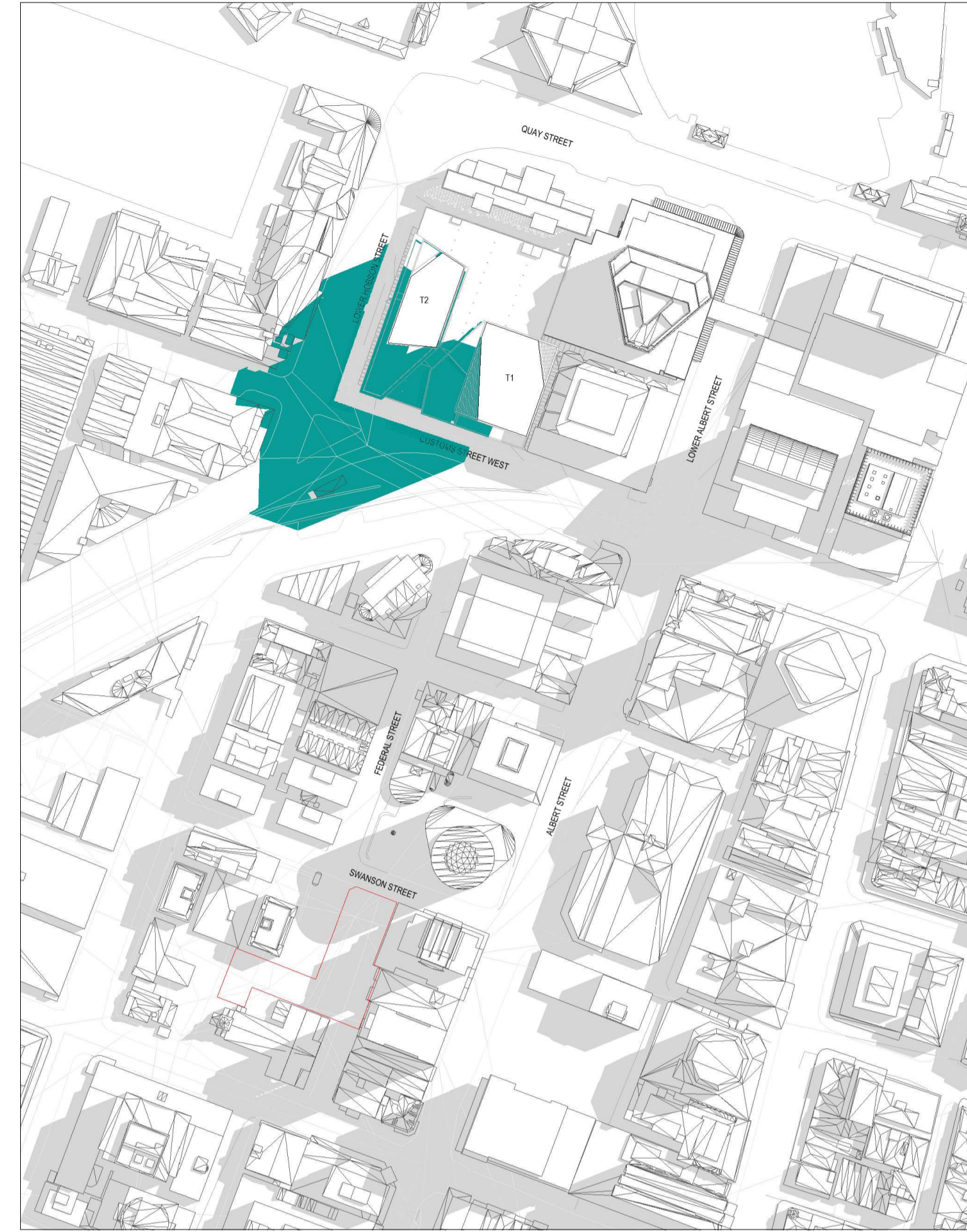
WARREN AND MAHONEY



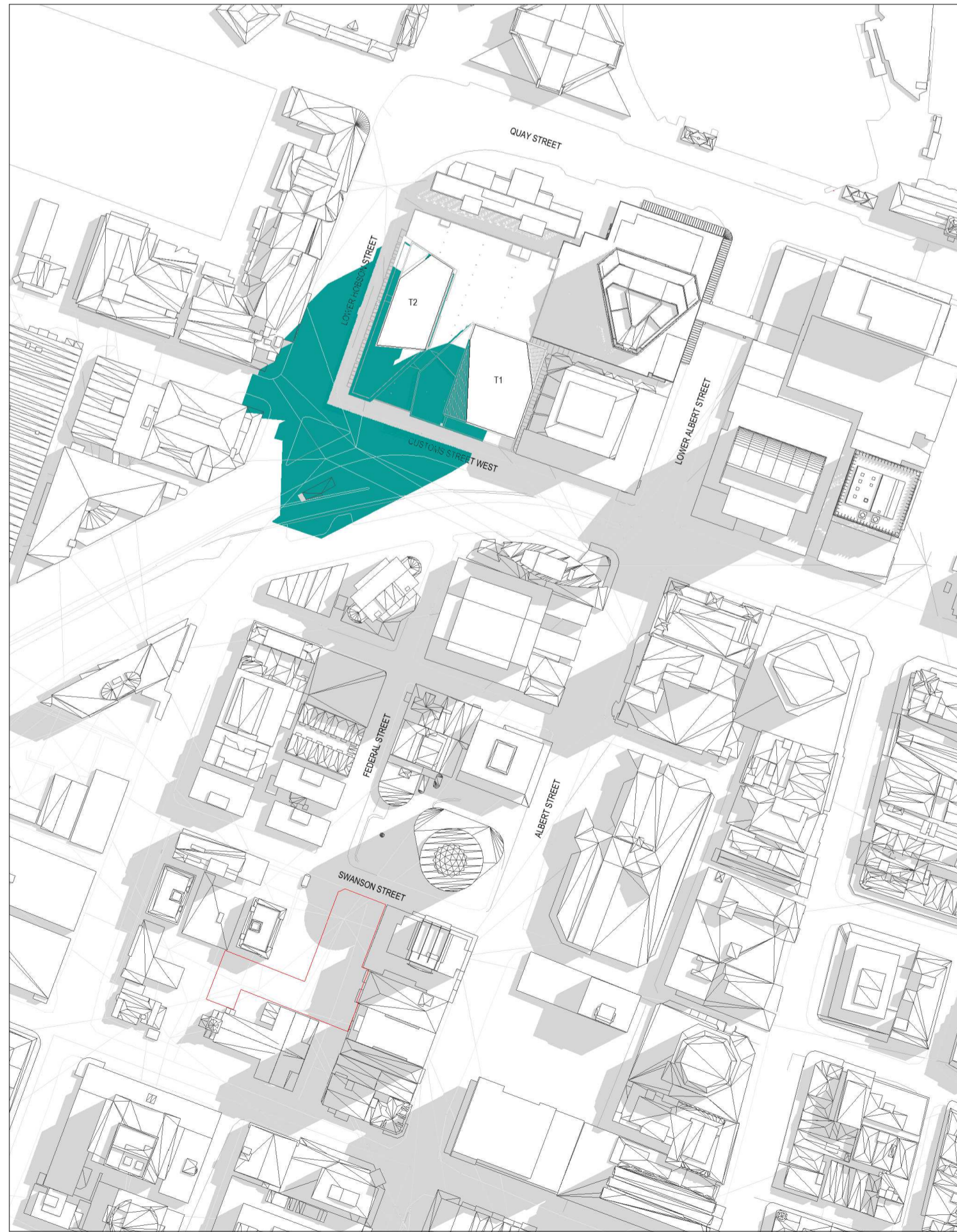
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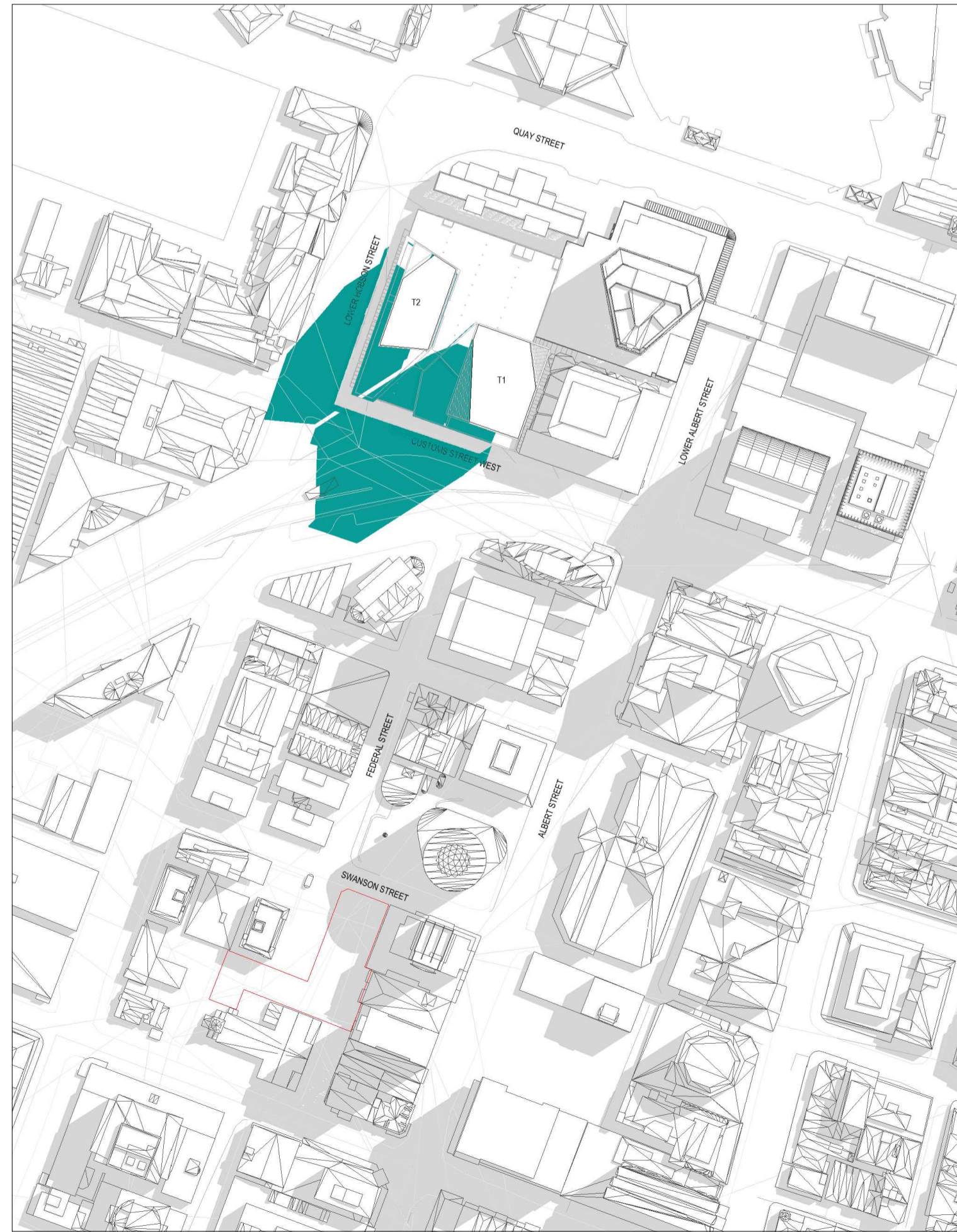
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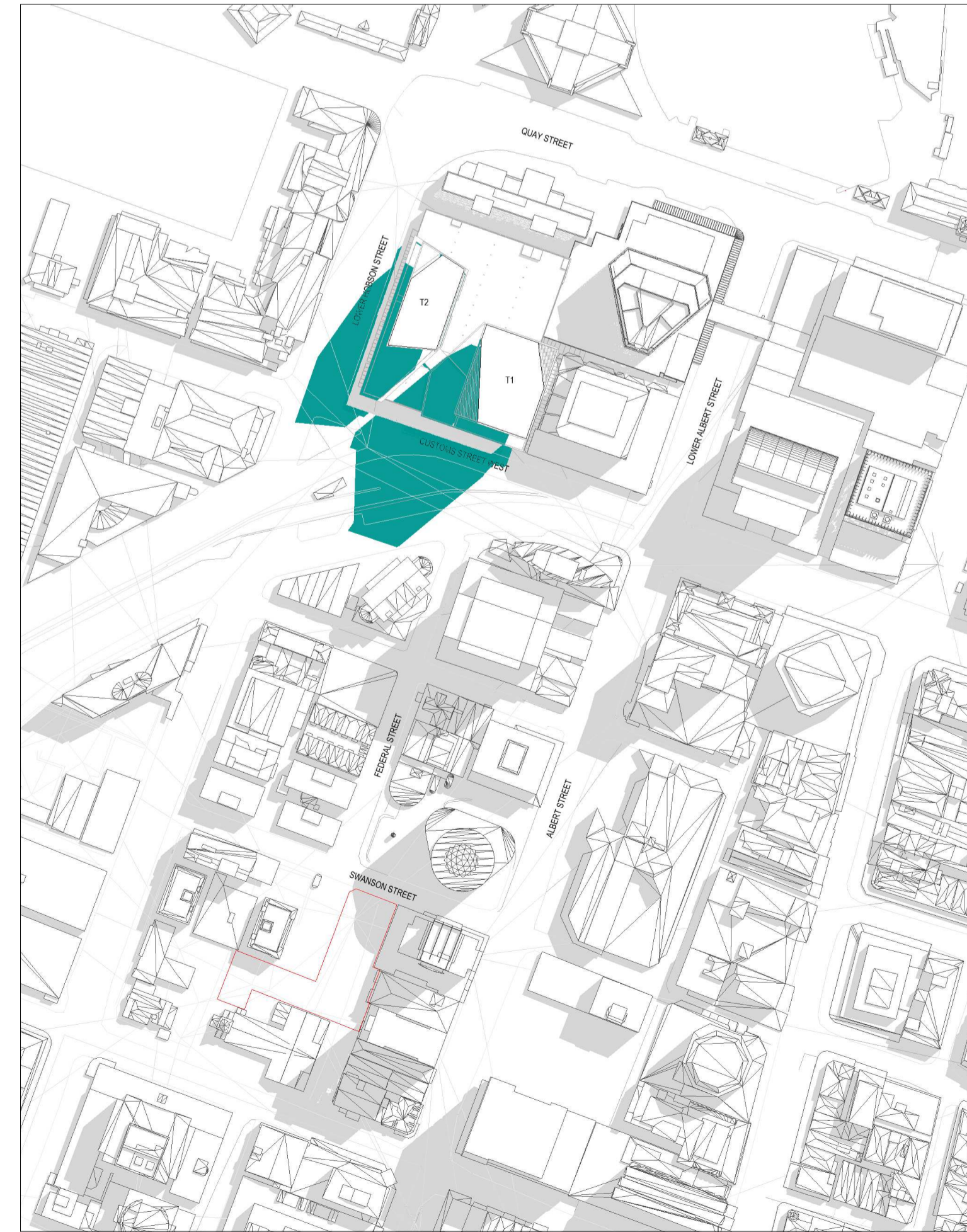
Dec 21 - 10_30 AM



Dec 21 - 10_45 AM



Dec 21 - 11_00 AM



Dec 21 - 11_15 AM

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Revisions

- A 07/06/24 DRAFT RC ISSUE
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- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

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www.warrenandmahoney.com

Project Title

DOWNTOWN WEST
2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**ST PATRICK'S SQ
SHADING ANALYSIS
SUMMER SOLSTICE
DEC 21 - 1000-1115**

Drawing Status

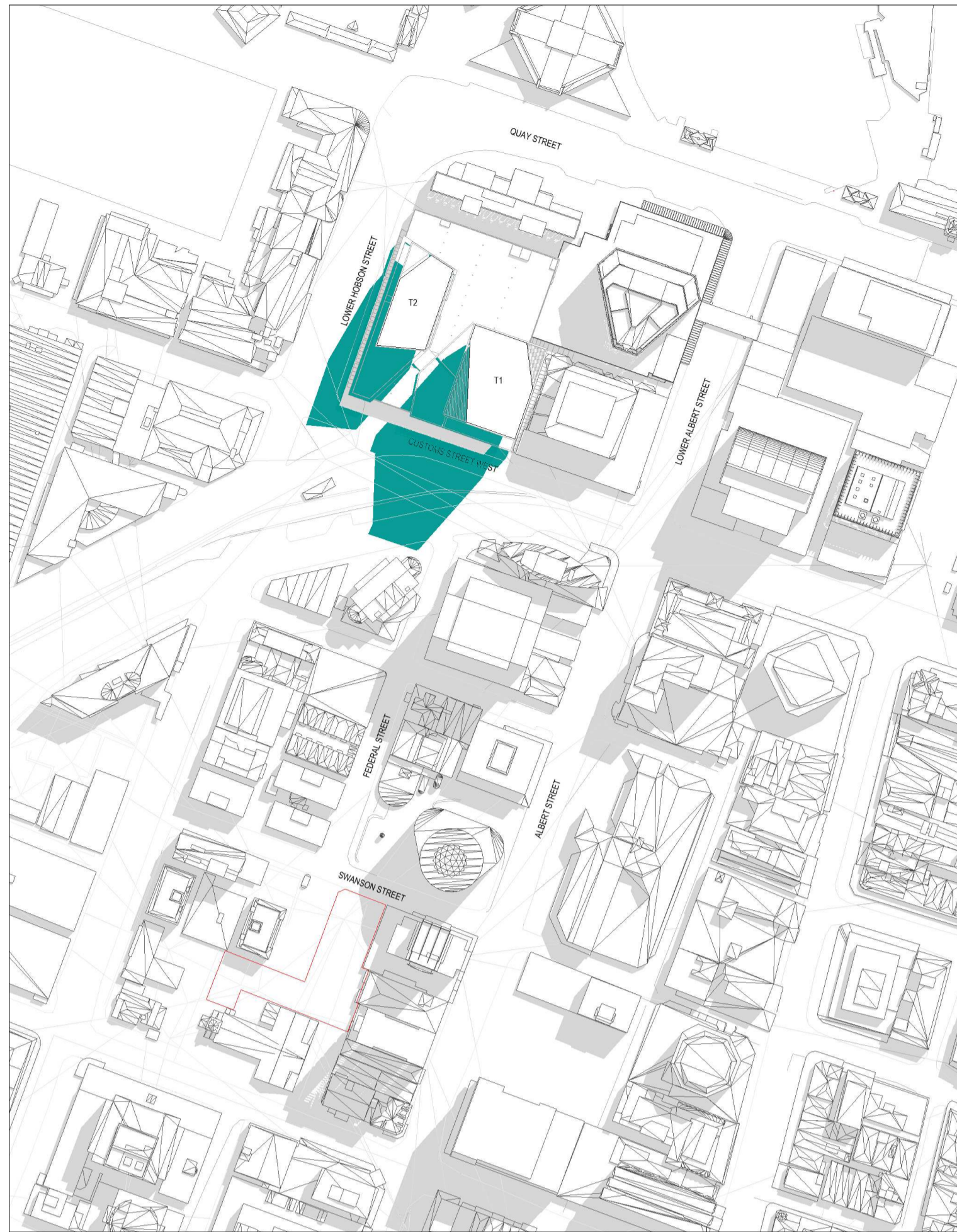
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ISSUE**

Drawing Details

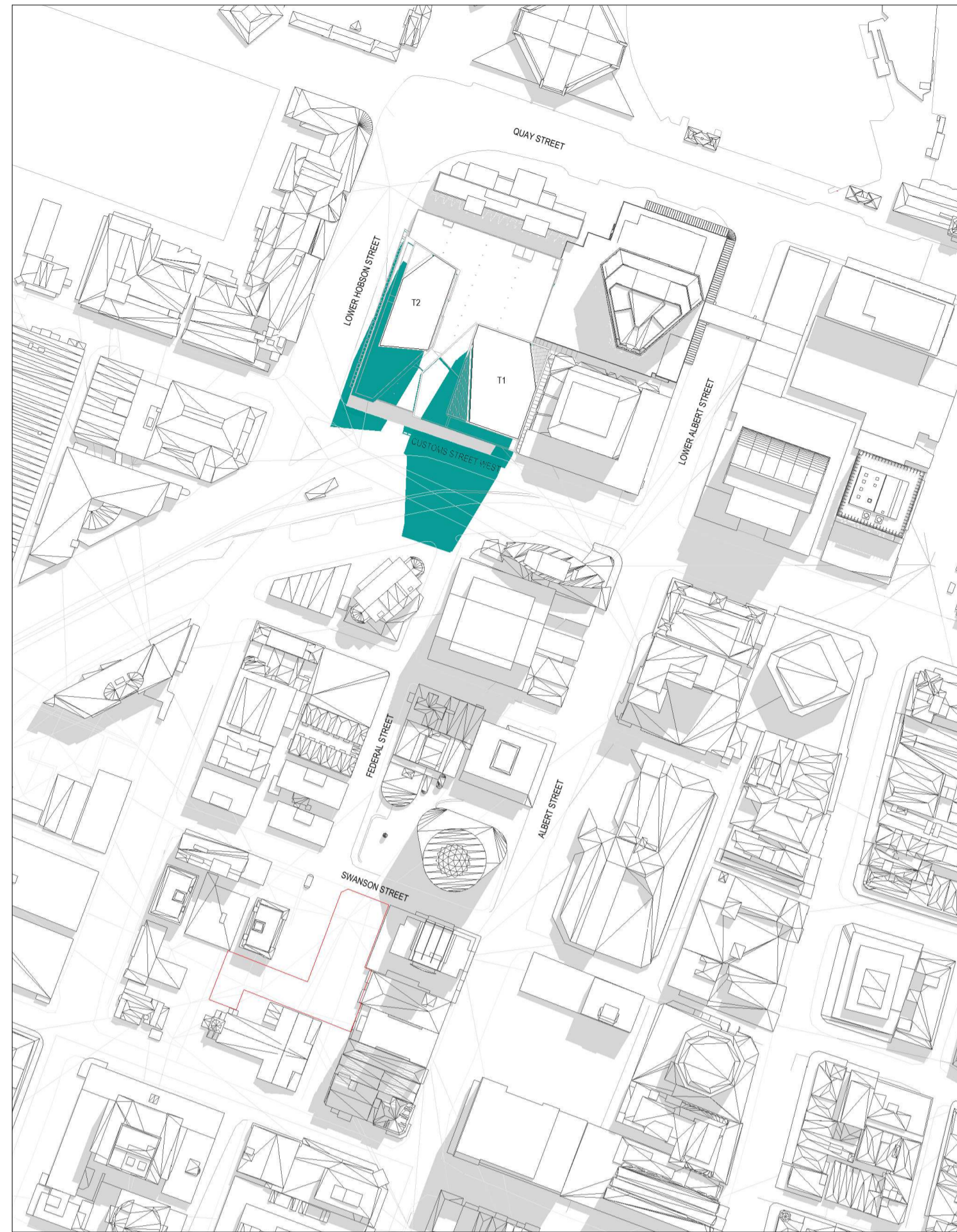
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Date	09/12/24
Job No	9234
Drawn	WAM
Checked	MM

Drawing No **Revision**

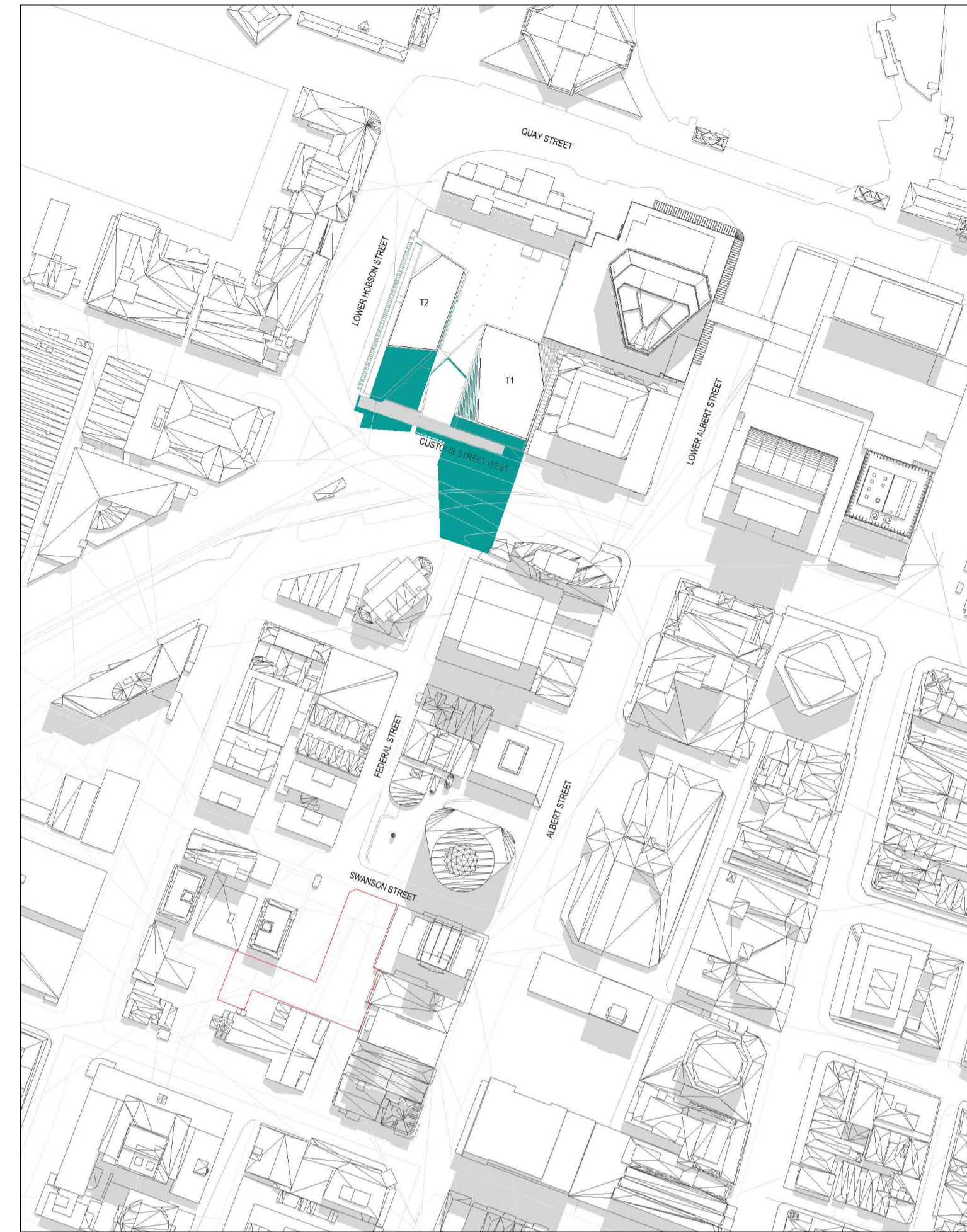
RC08-0013 (E)



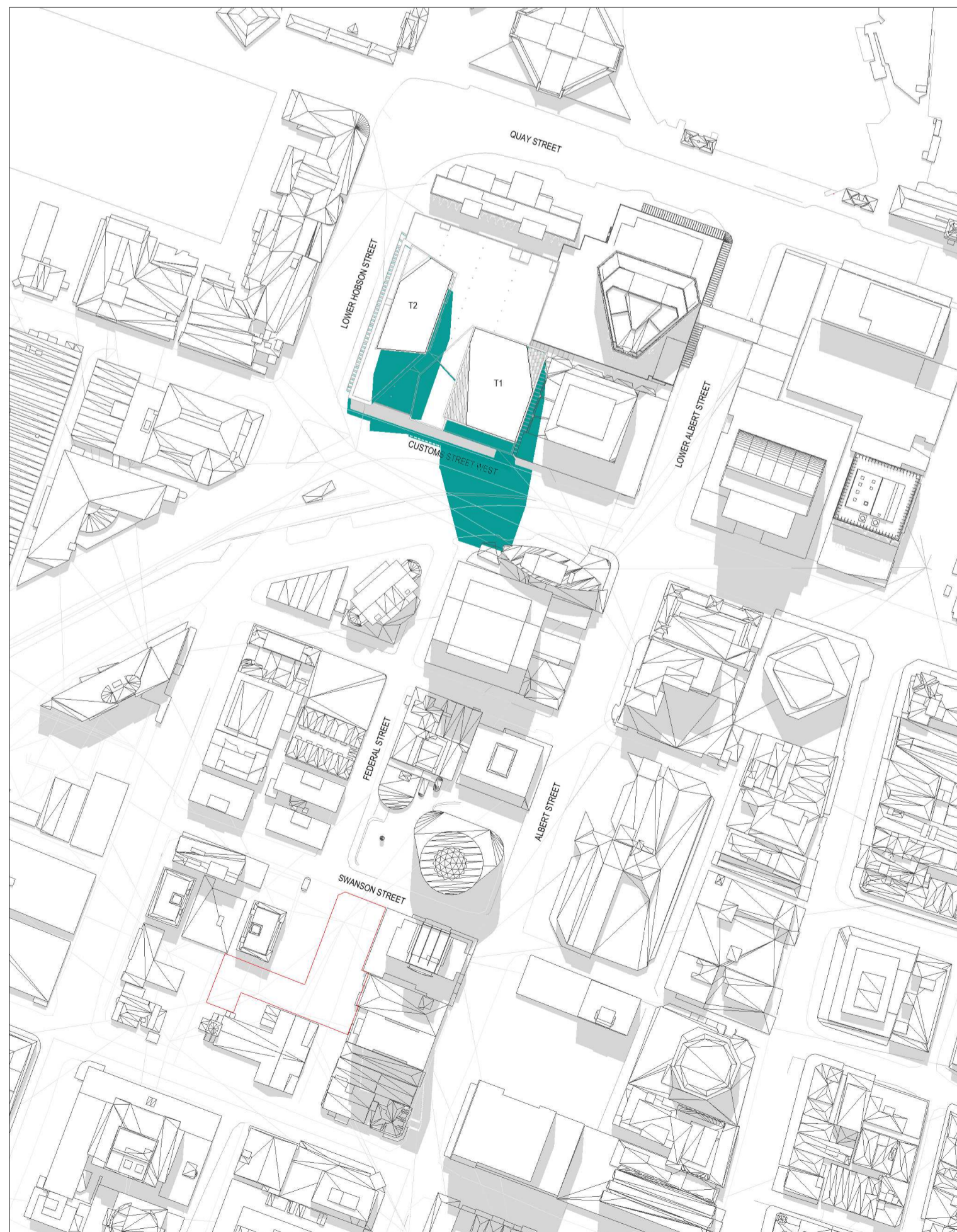
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Dec 21 - 11_45 AM



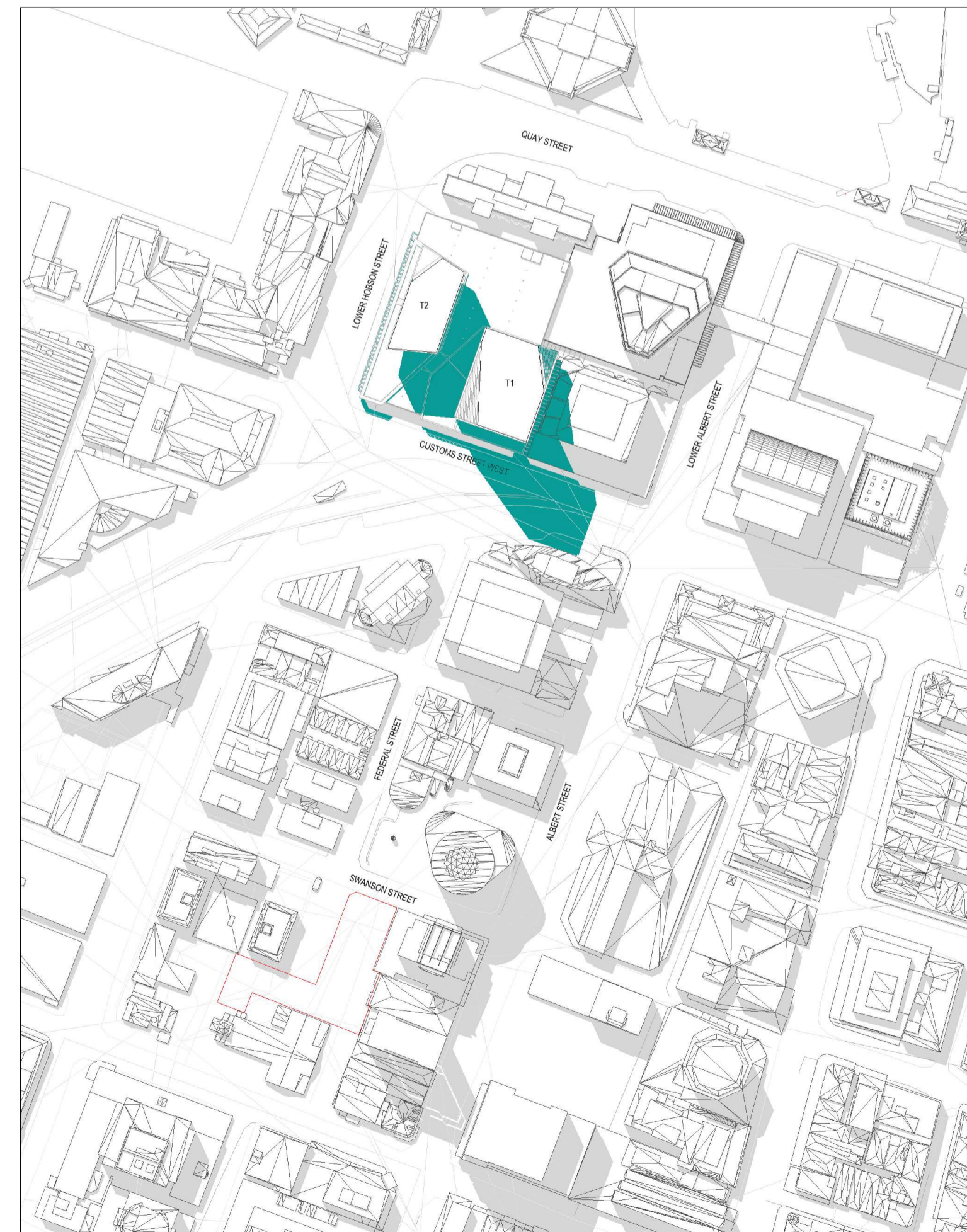
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Dec 21 - 12_30 PM



Dec 21 - 12_45 PM

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Revisions

- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

Notes

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Consultants

- RCP Project Manager
- RLB Quantity Surveyor
- HOLMES Structural Engineer
- MOTT MAC DONALD Services Engineer
- CROSSFIRE Fire Engineer
- TONKIN + TAYLOR Civil Engineer
- FLOW Traffic Engineer

Client



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New Zealand
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Registered Architects and Designers
www.warrenandmahoney.com

Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**ST PATRICK'S SQ
SHADING ANALYSIS
SUMMER SOLSTICE
DEC 21 - 1130-1245**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale 1 : 1 @ A1
Date 09/12/24
Job No 9234
Drawn WAM
Checked MM

Drawing No RC08-0014 Revision (E)
WARREN AND MAHONEY



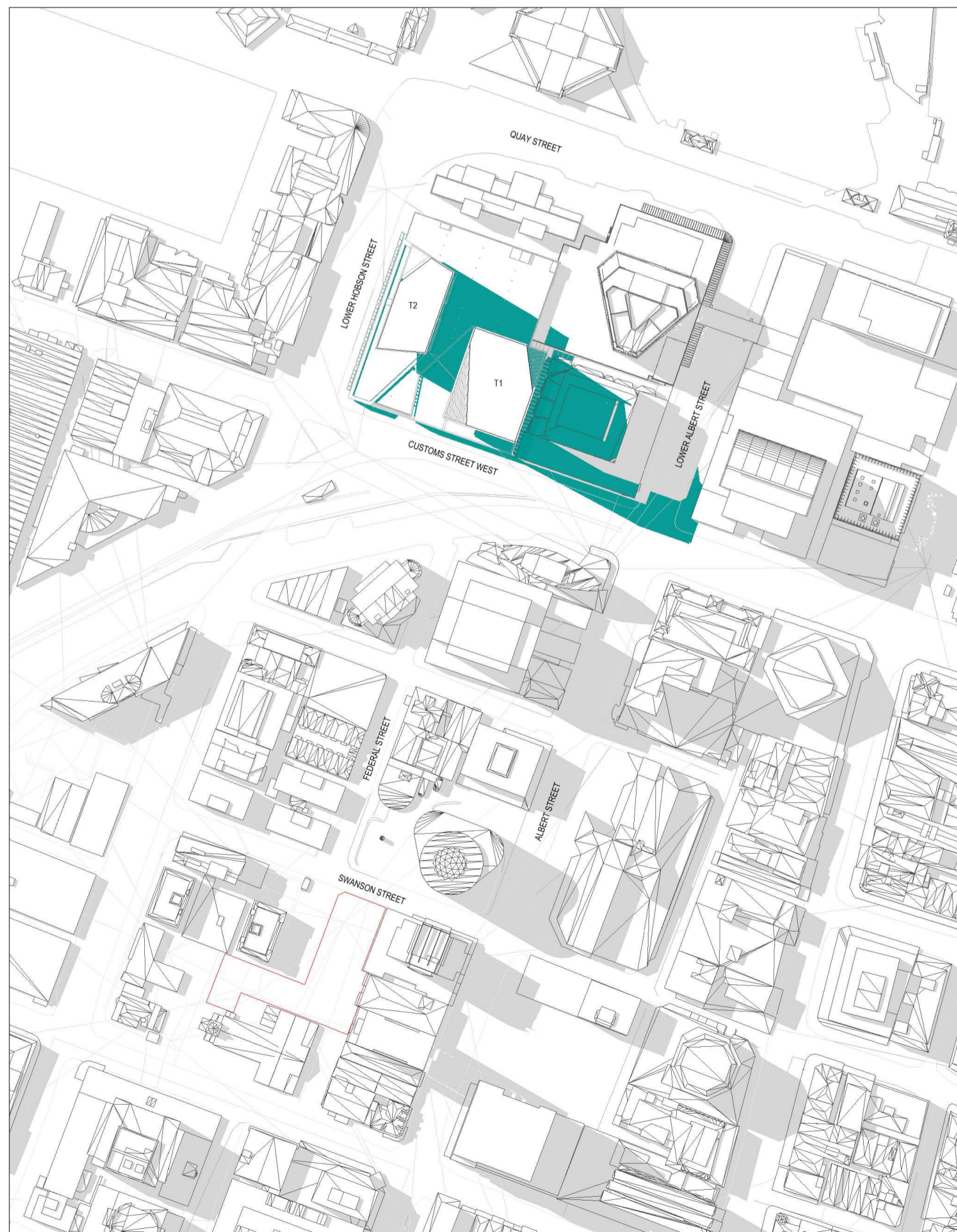
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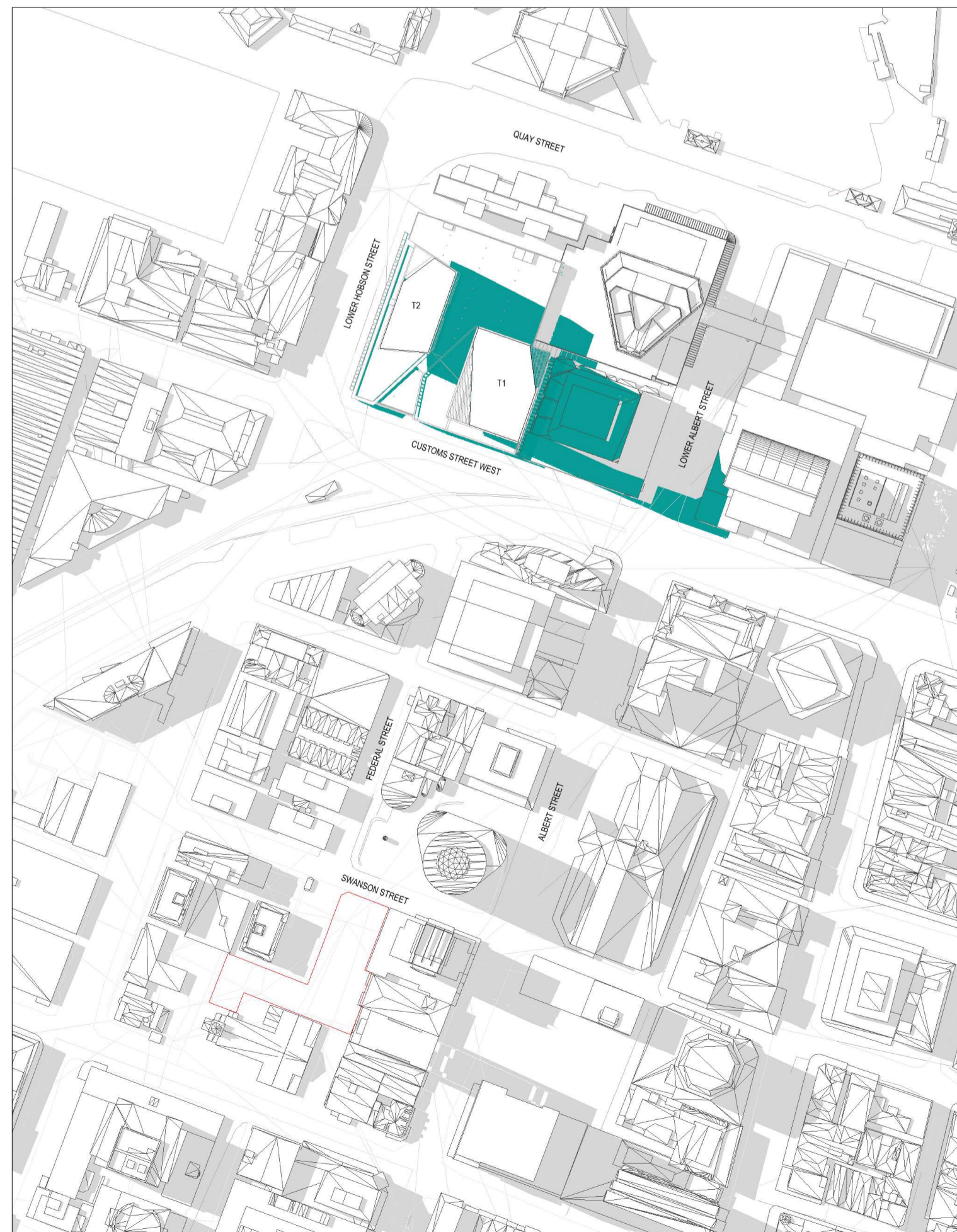
Dec 21 - 01_15 PM



Dec 21 - 01_30 PM



Dec 21 - 01_45 PM



Dec 21 - 02_00 PM

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Revisions

- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

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Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**ST PATRICK'S SQ
SHADING ANALYSIS
SUMMER SOLSTICE
DEC 21 - 1300-1400**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale	1 : 1 @ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	MM

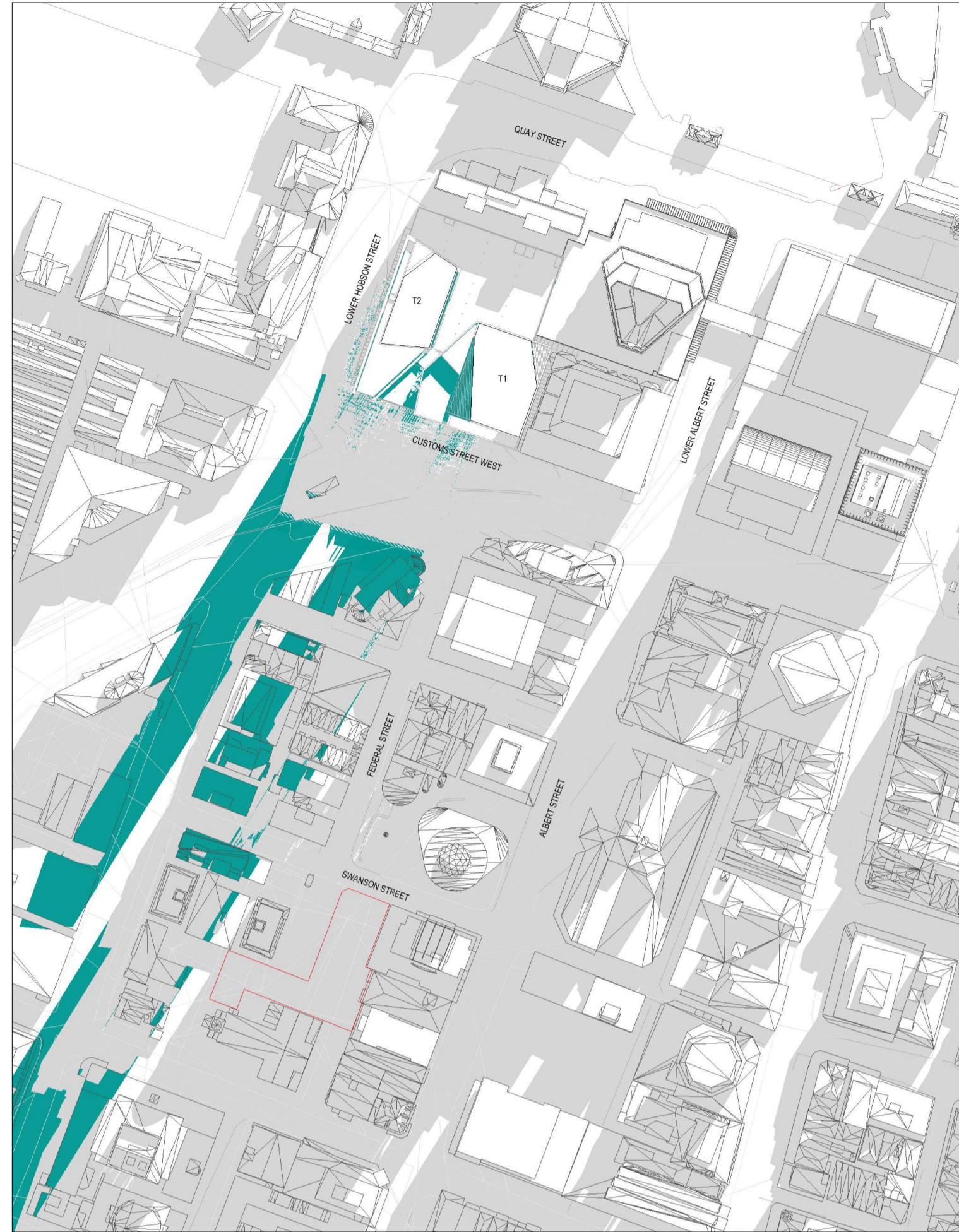
Drawing No **Revision**

RC08-0015 E

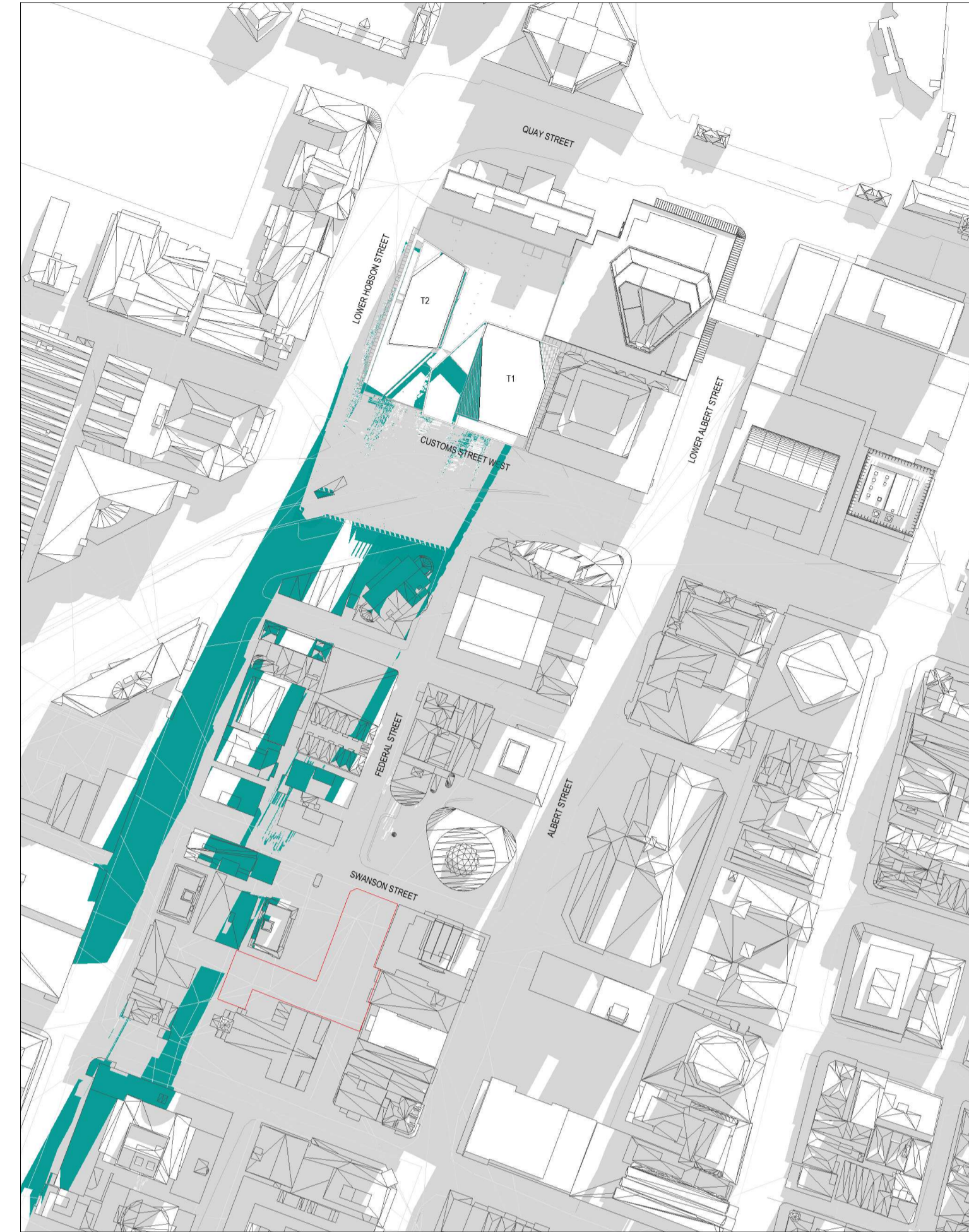
WARREN AND MAHONEY



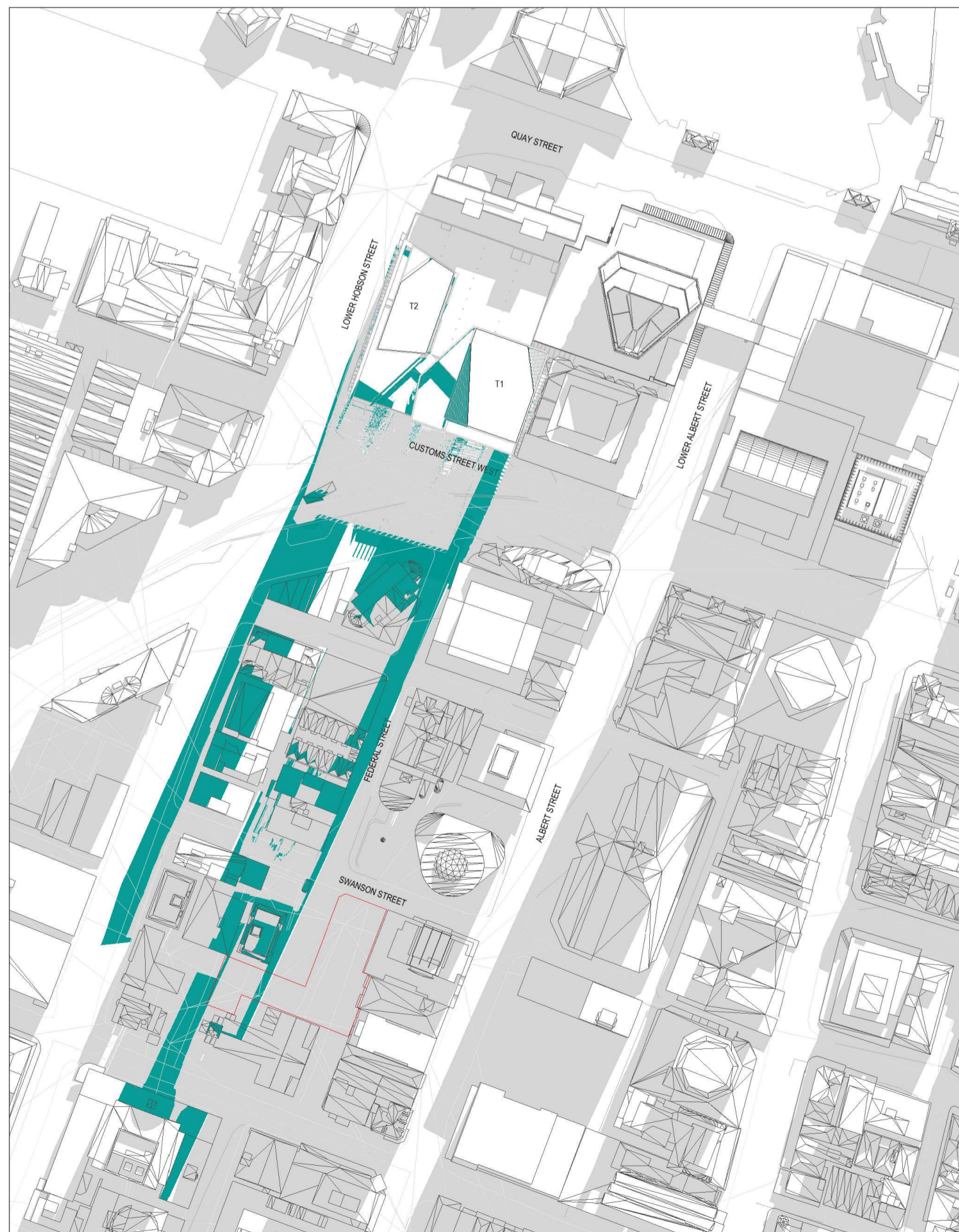
Jun 21 - 10_00 AM



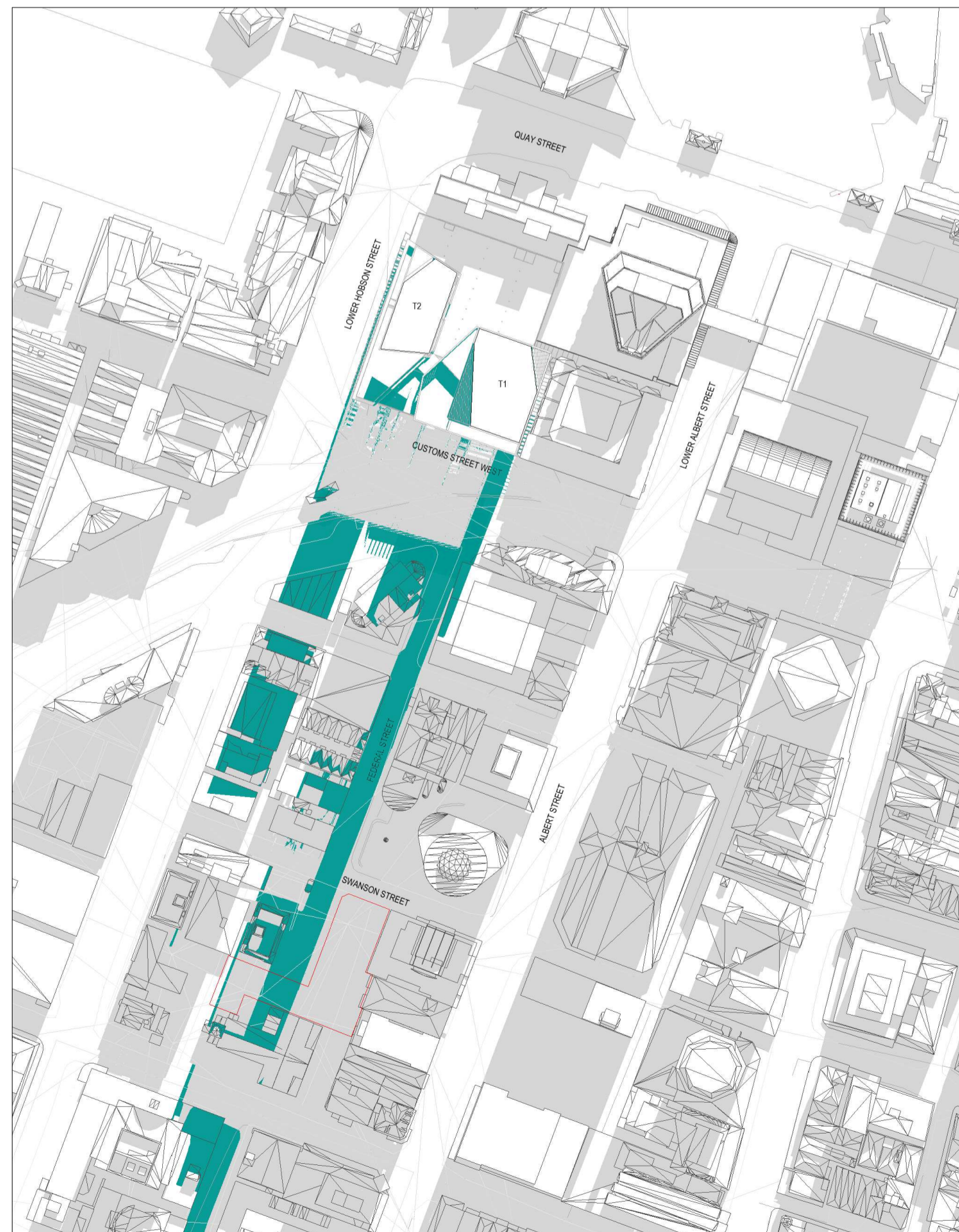
Jun 21 - 10_15 AM



Jun 21 - 10_30 AM



Jun 21 - 10_45 AM



Jun 21 - 11_00 AM



Jun 21 - 11_15 AM

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Revisions

- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

Notes

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Services Engineer
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Traffic Engineer

Client



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Auckland 1010
New Zealand
Phone + 64 9 309 4894

Registered Architects and Designers
www.warrenandmahoney.com

Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**ST PATRICK'S SQ
SHADING ANALYSIS
WINTER SOLSTICE
JUN 21 - 1000-1115**

Drawing Status

**RESOURCE CONSENT
ISSUE**

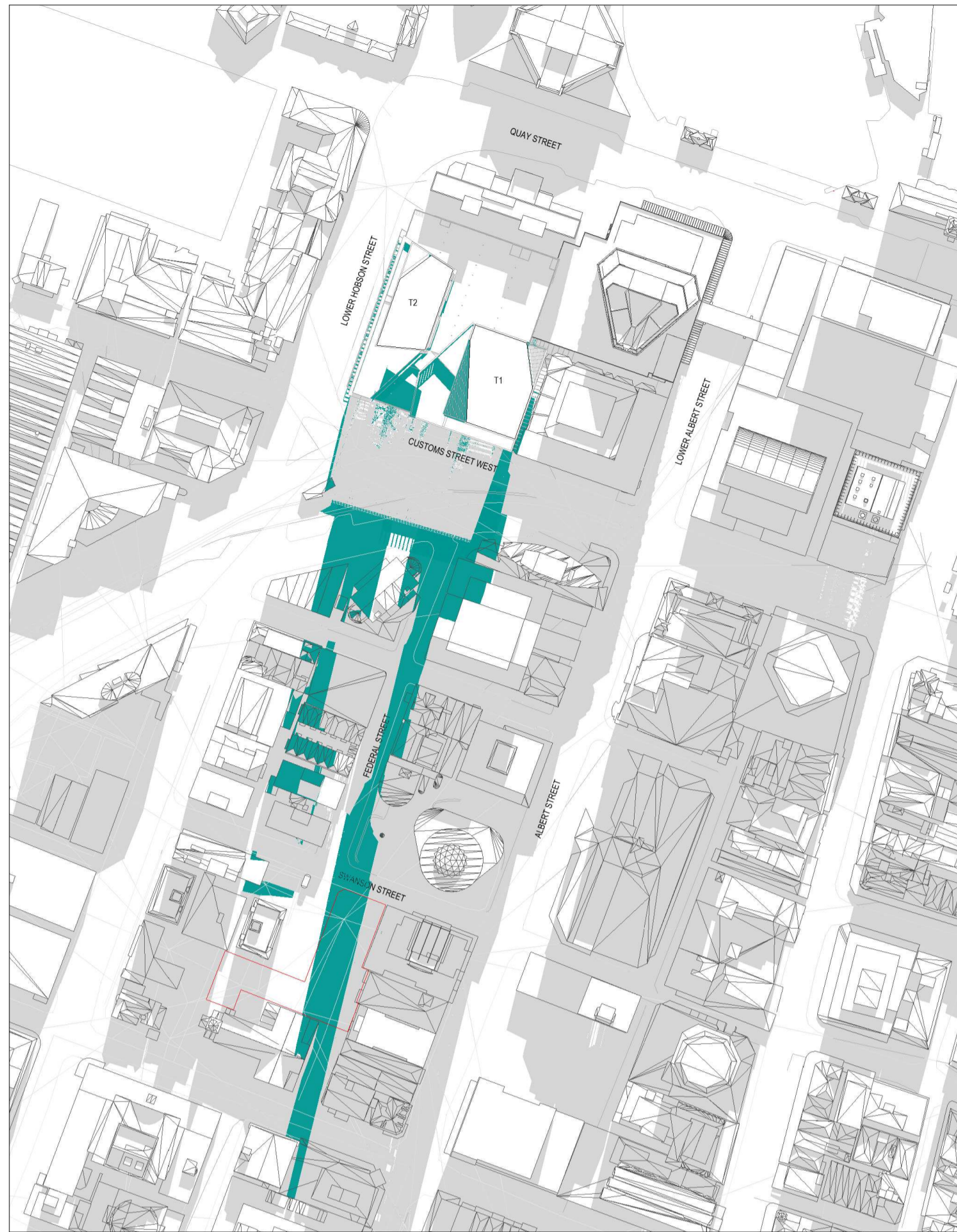
Drawing Details

Scale	1 : 1 @ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	MM

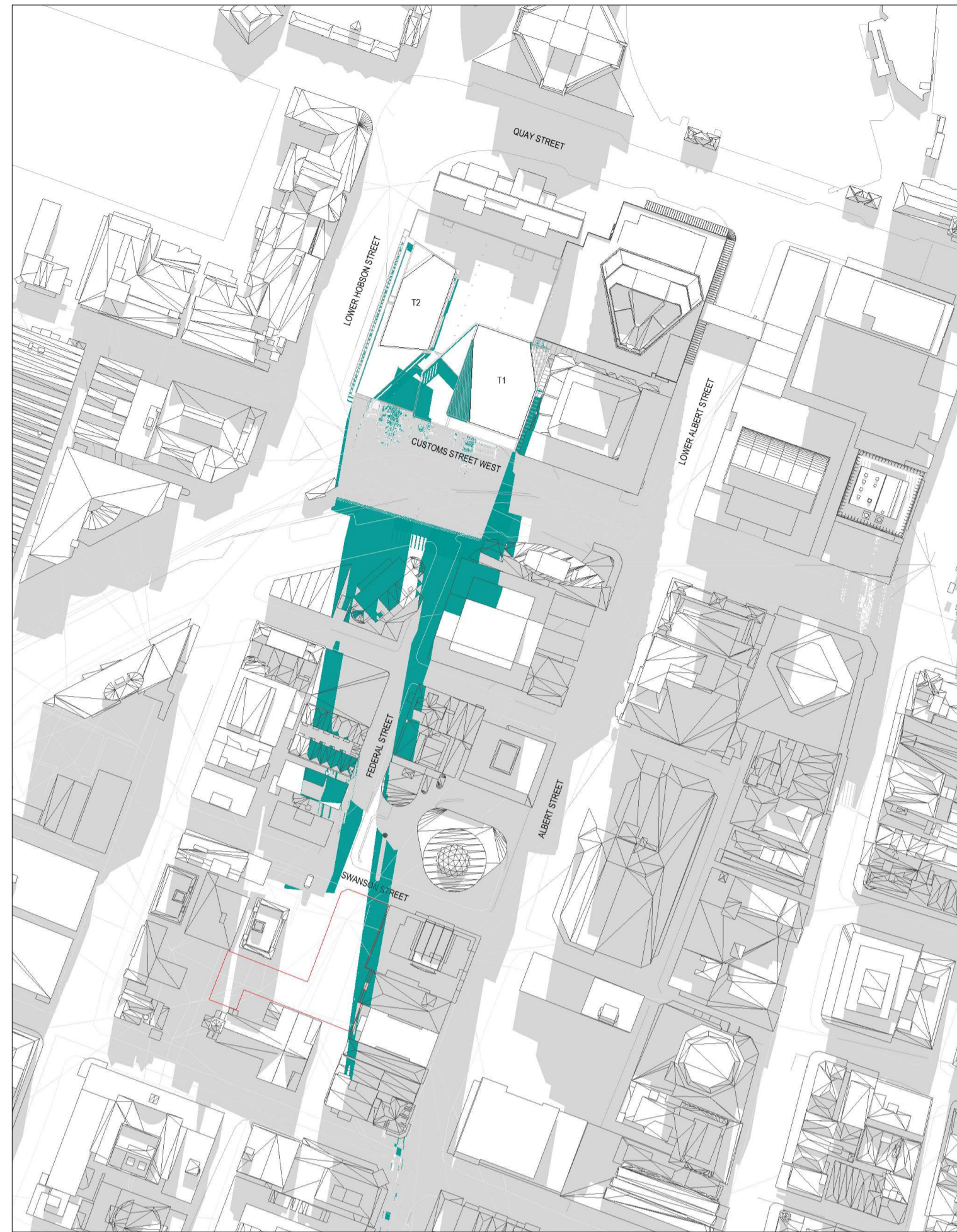
Drawing No **Revision**

RC08-0016 (E)

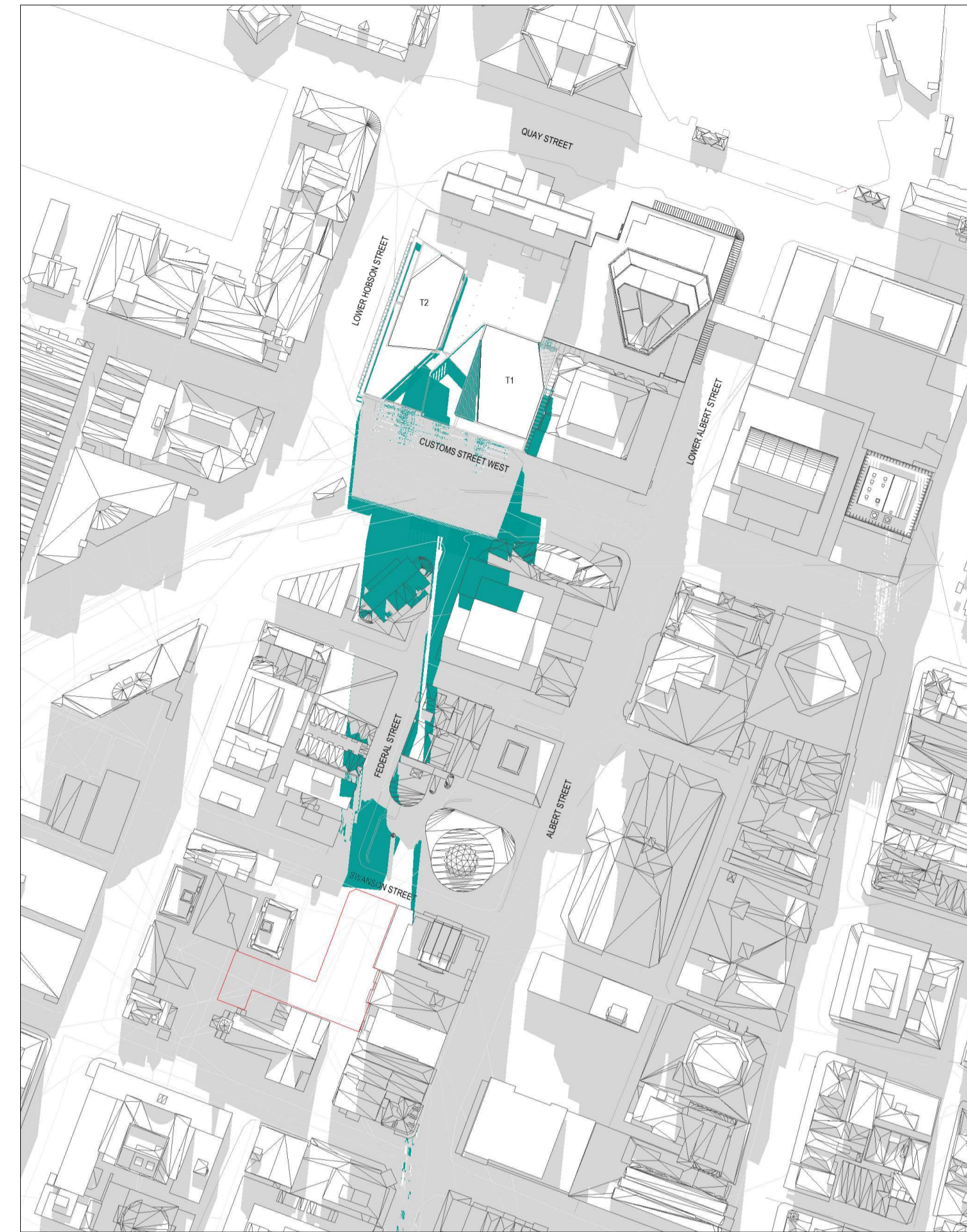
WARREN AND MAHONEY



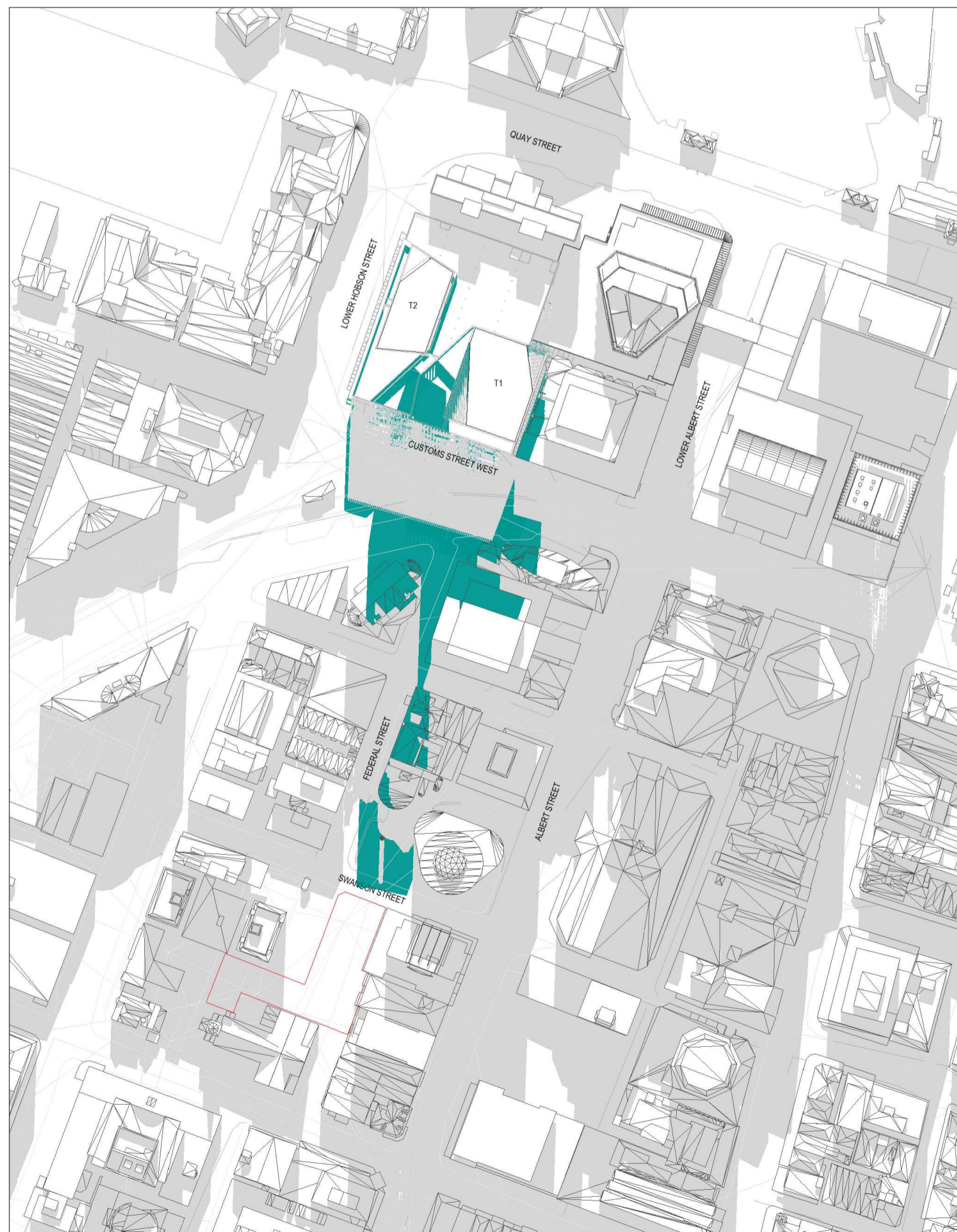
Jun 21 - 11_30 AM



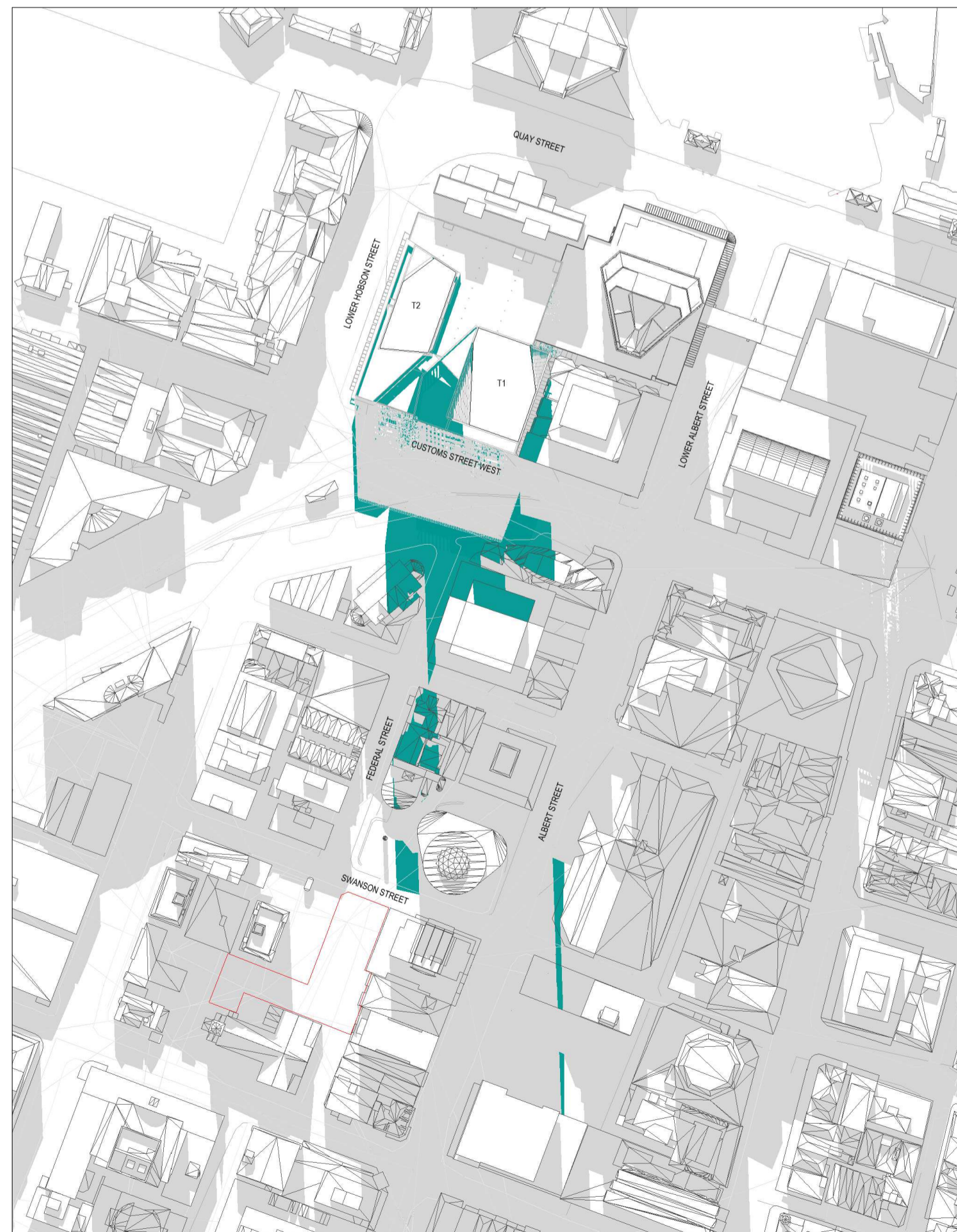
Jun 21 - 11_45 AM



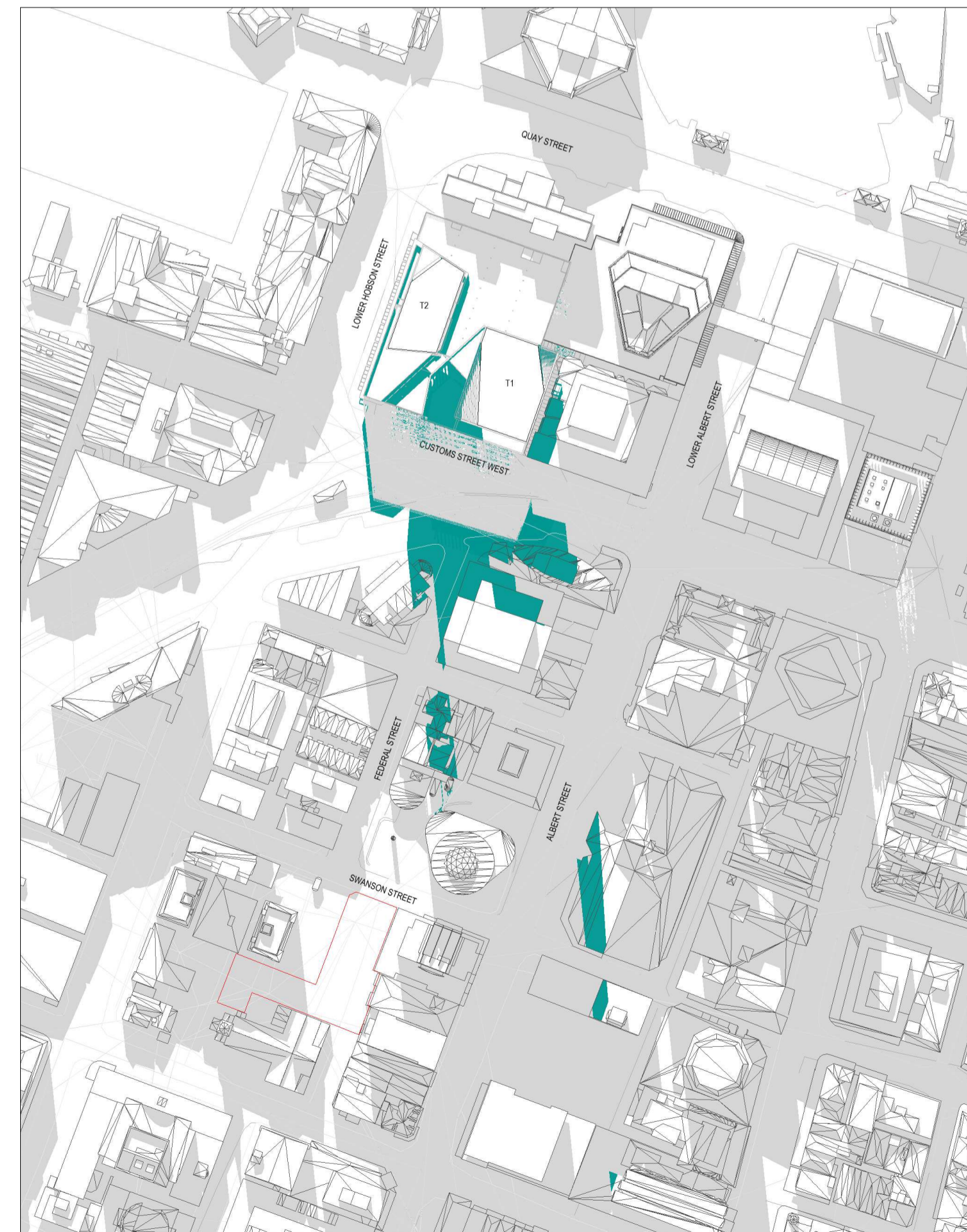
Jun 21 - 12_00 PM



Jun 21 - 12_15 PM



Jun 21 - 12_30 PM



Jun 21 - 12_45 PM

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Revisions

- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

Notes

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Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**ST PATRICK'S SQ
SHADING ANALYSIS
WINTER SOLSTICE
JUN 21 - 1130-1245**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale	1 : 1 @ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	MM

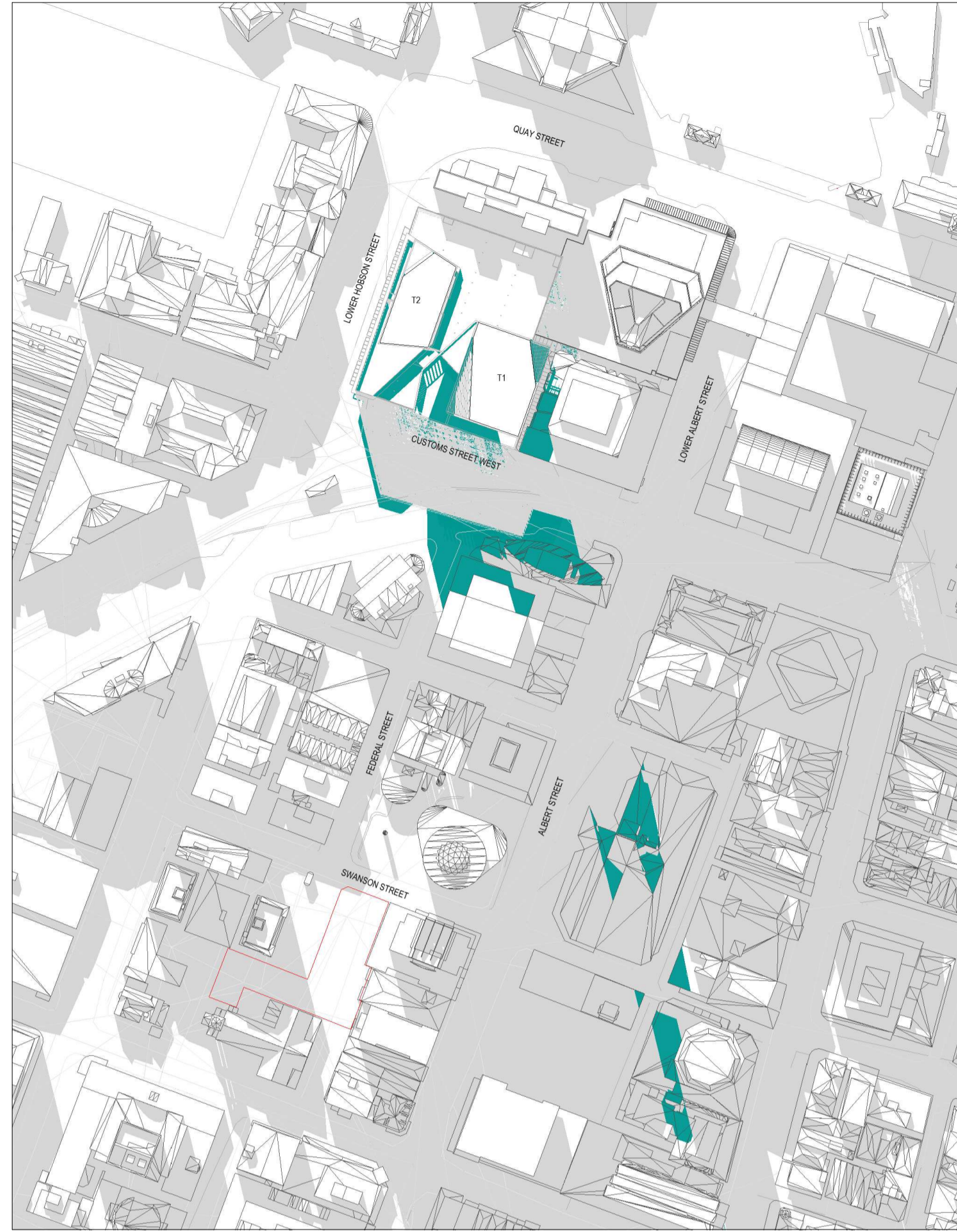
Drawing No **Revision**

RC08-0017 (E)

WARREN AND MAHONEY



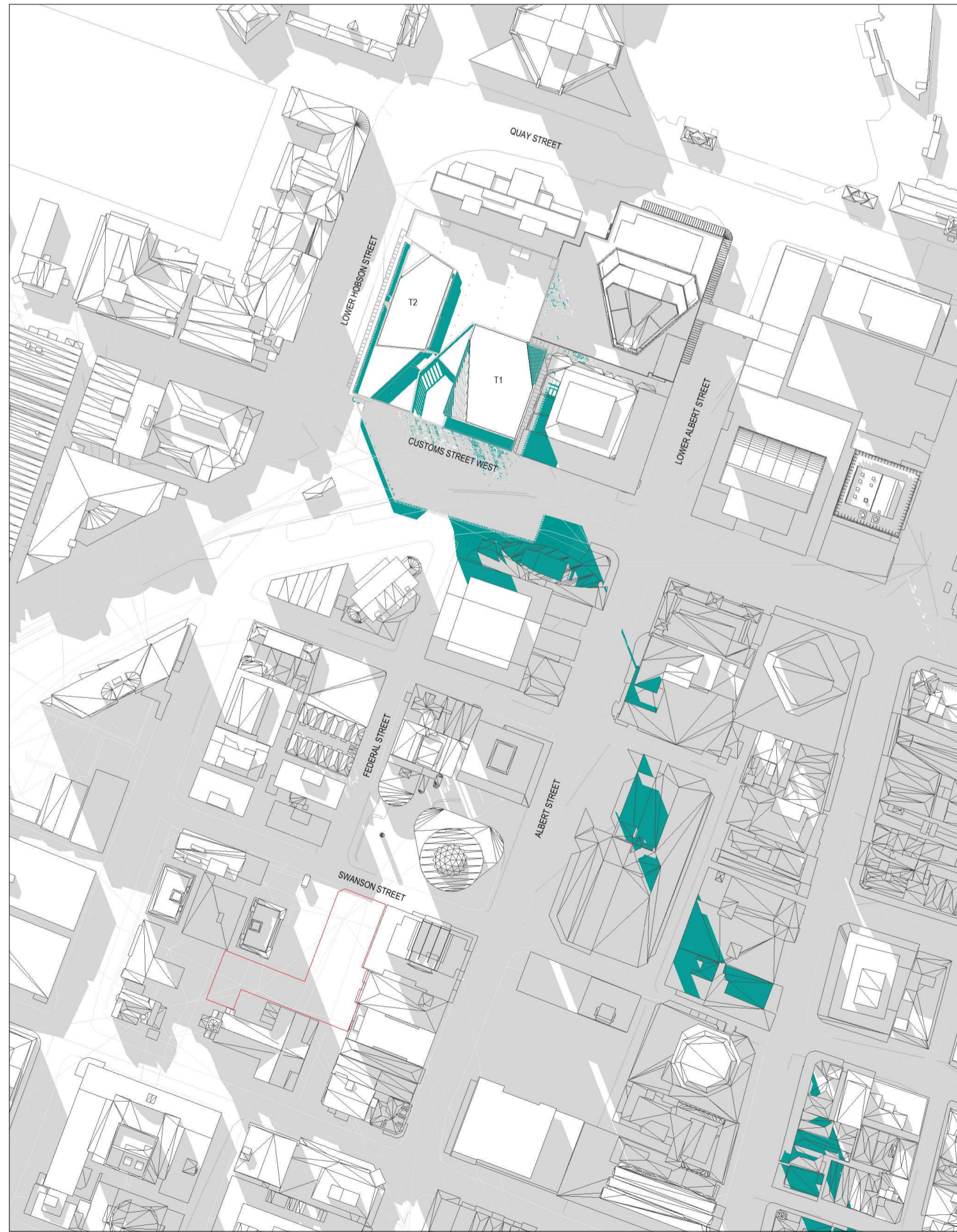
Jun 21 - 01_00 PM



Jun 21 - 01_15 PM



Jun 21 - 01_30 PM



Jun 21 - 01_45 PM



Jun 21 - 02_00 PM

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Revisions

- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

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Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**ST PATRICK'S SQ
SHADING ANALYSIS
WINTER SOLSTICE
JUN 21 - 1300-1400**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale	1 : 1 @ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	MM

Drawing No **Revision**

RC08-0018 **E**

WARREN AND MAHONEY

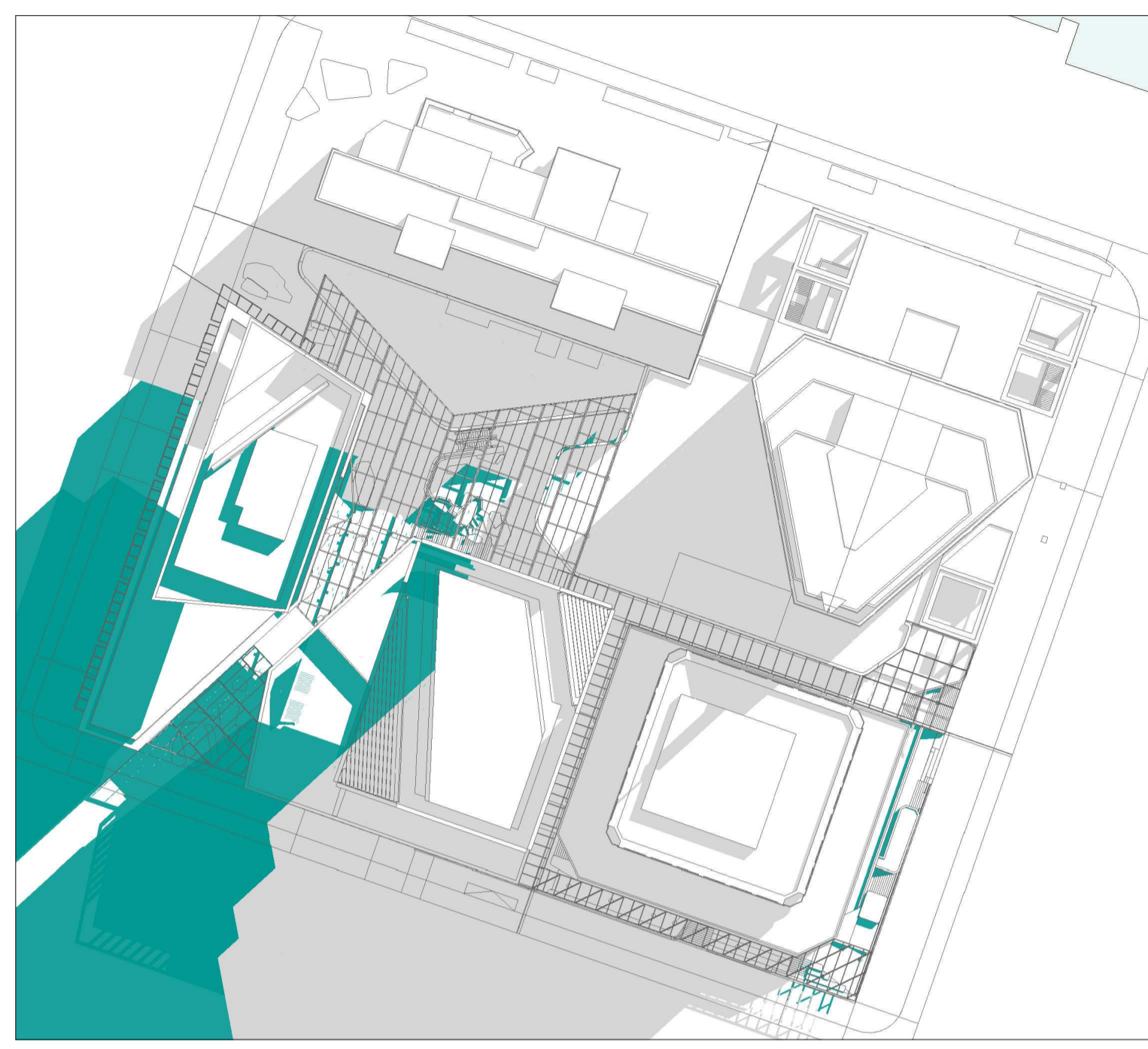
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Revisions

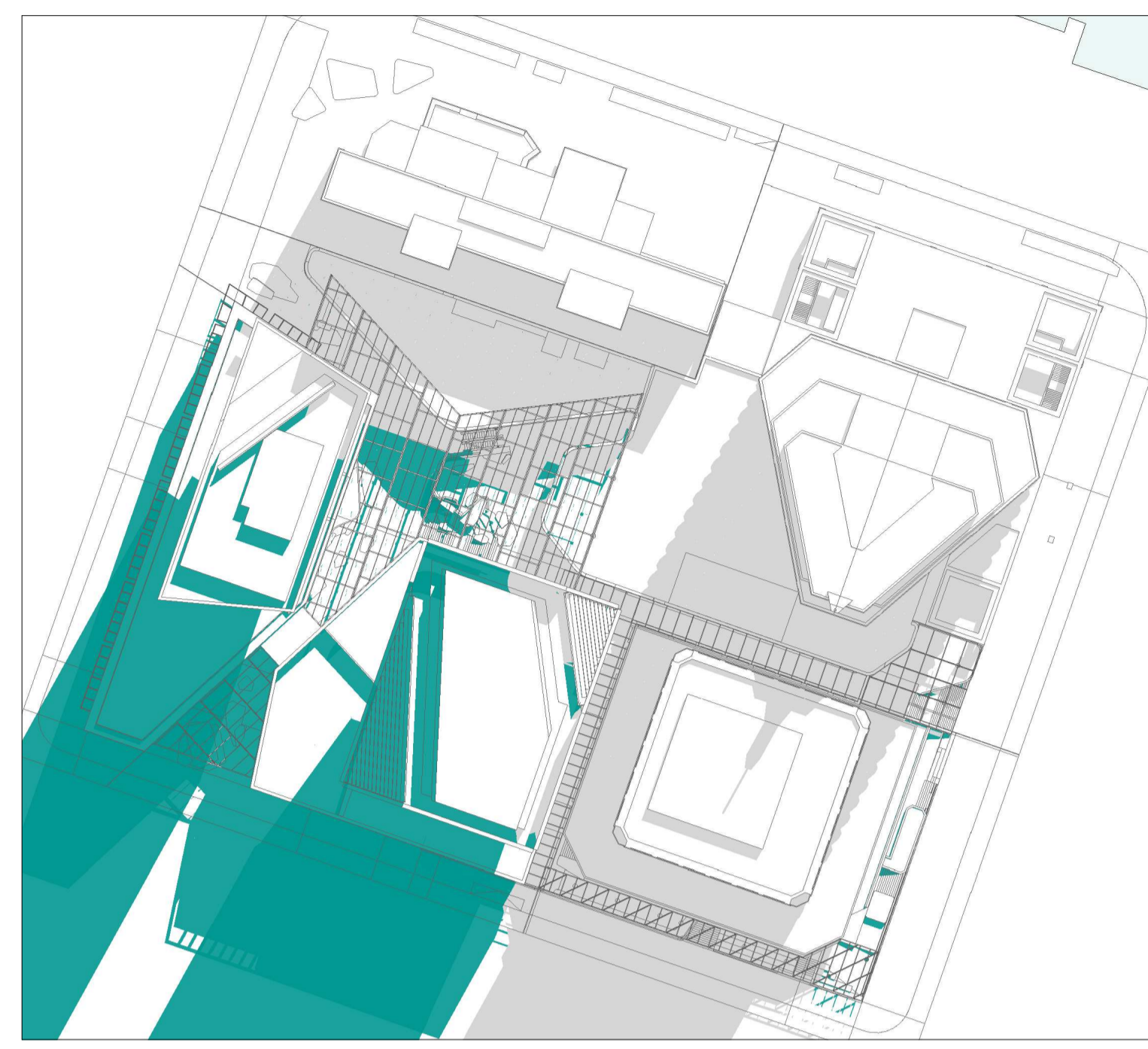
- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
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- E 09/12/24 DESIGN UPDATE RC RFI 1

Notes

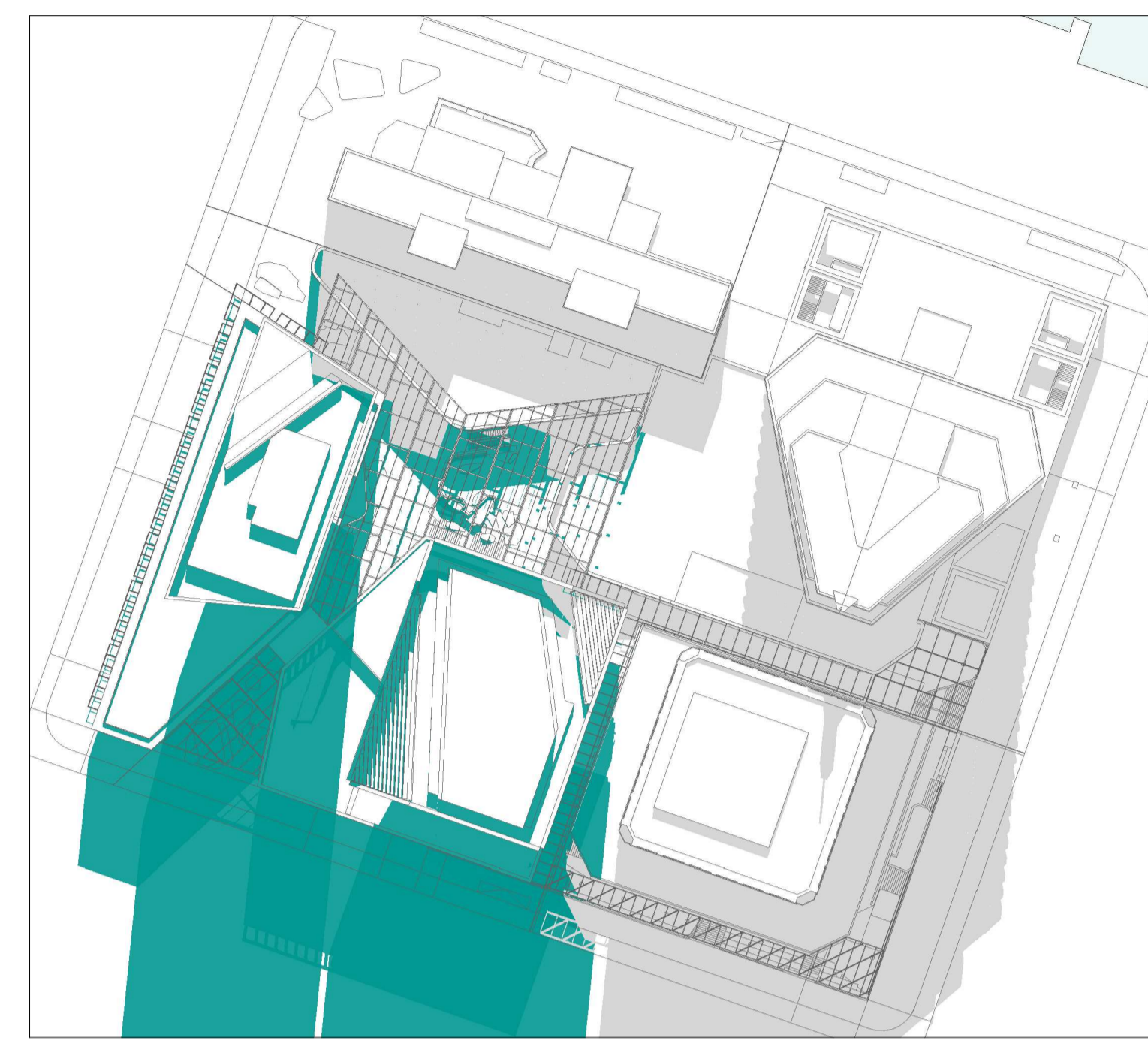
- SHADOWS CAST BY NEW DEVELOPMENT
- SHADING GENERATED BY EXISTING OR APPROVED STRUCTURES



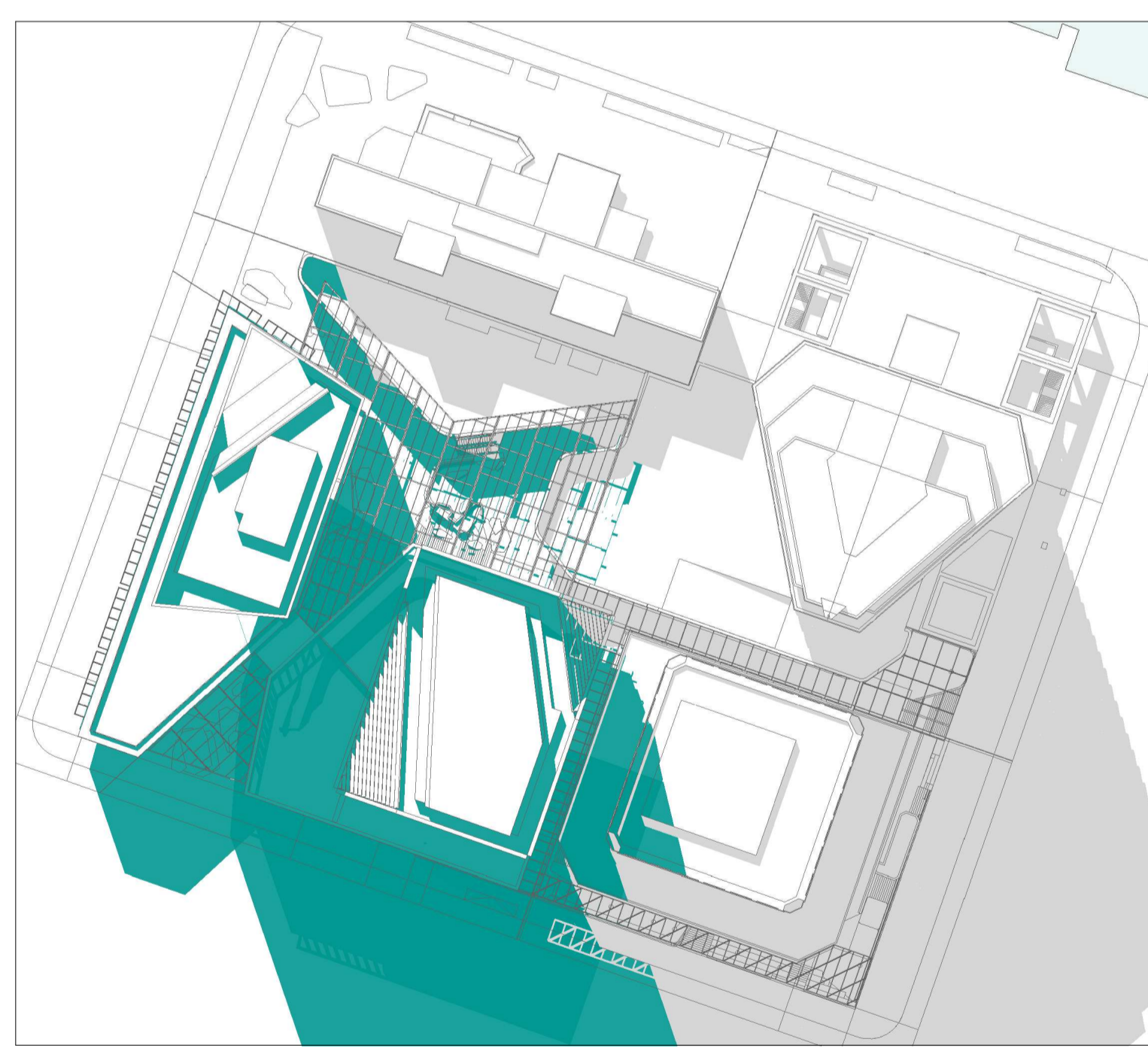
Sep 23 - 10_00 AM



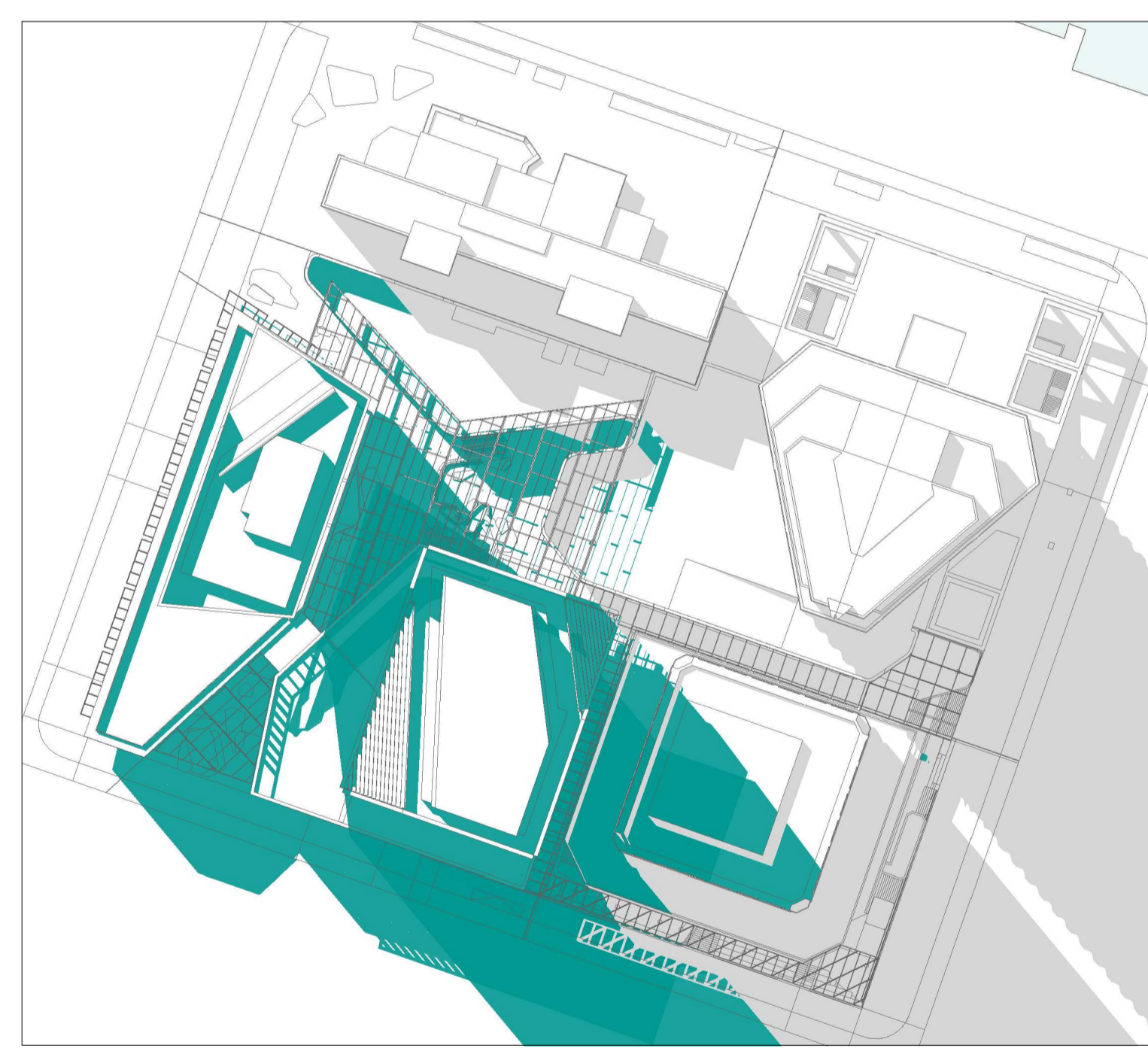
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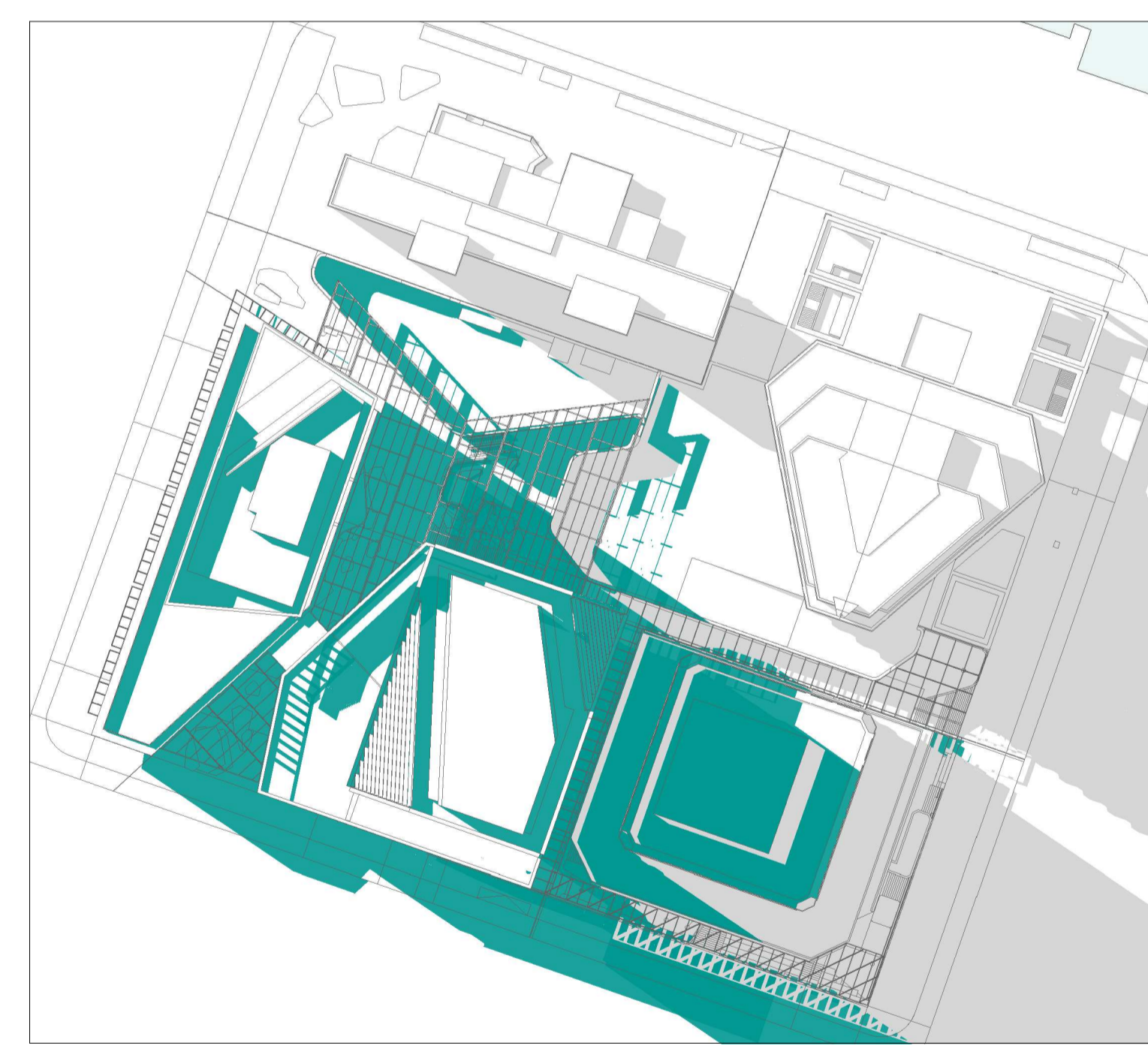
Sep 23 - 12_00 PM



Sep 23 - 01_00 PM



Sep 23 - 02_00 PM



Sep 23 - 03_00 PM

Consultants

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Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**URBAN ROOM
SHADING ANALYSIS
SPRING EQUINOX
SEP 23 - 1000-1500**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale	1 : 1@ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	MM

Drawing No **Revision**

RC08-0020 (E)



WARREN AND MAHONEY

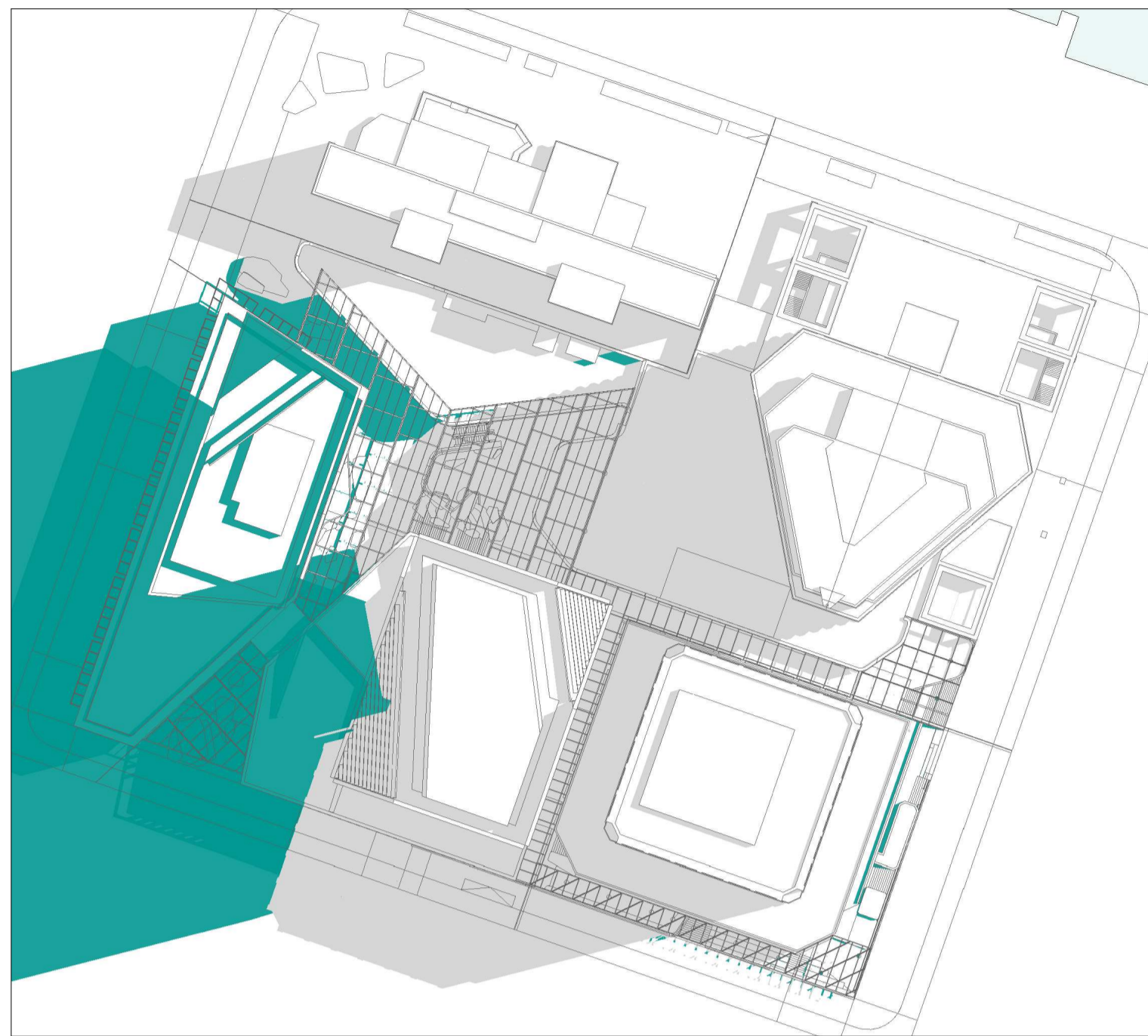
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Revisions

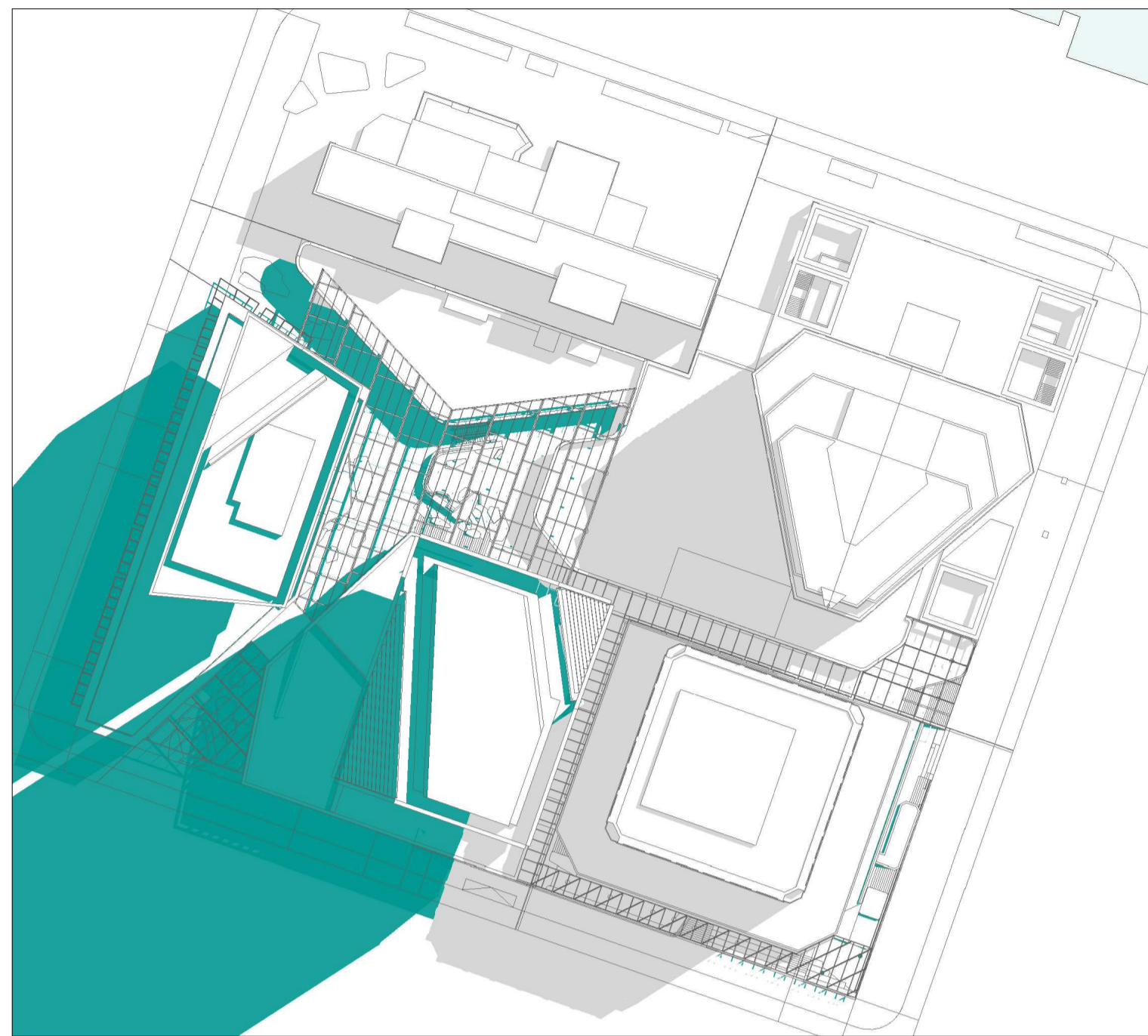
- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

Notes

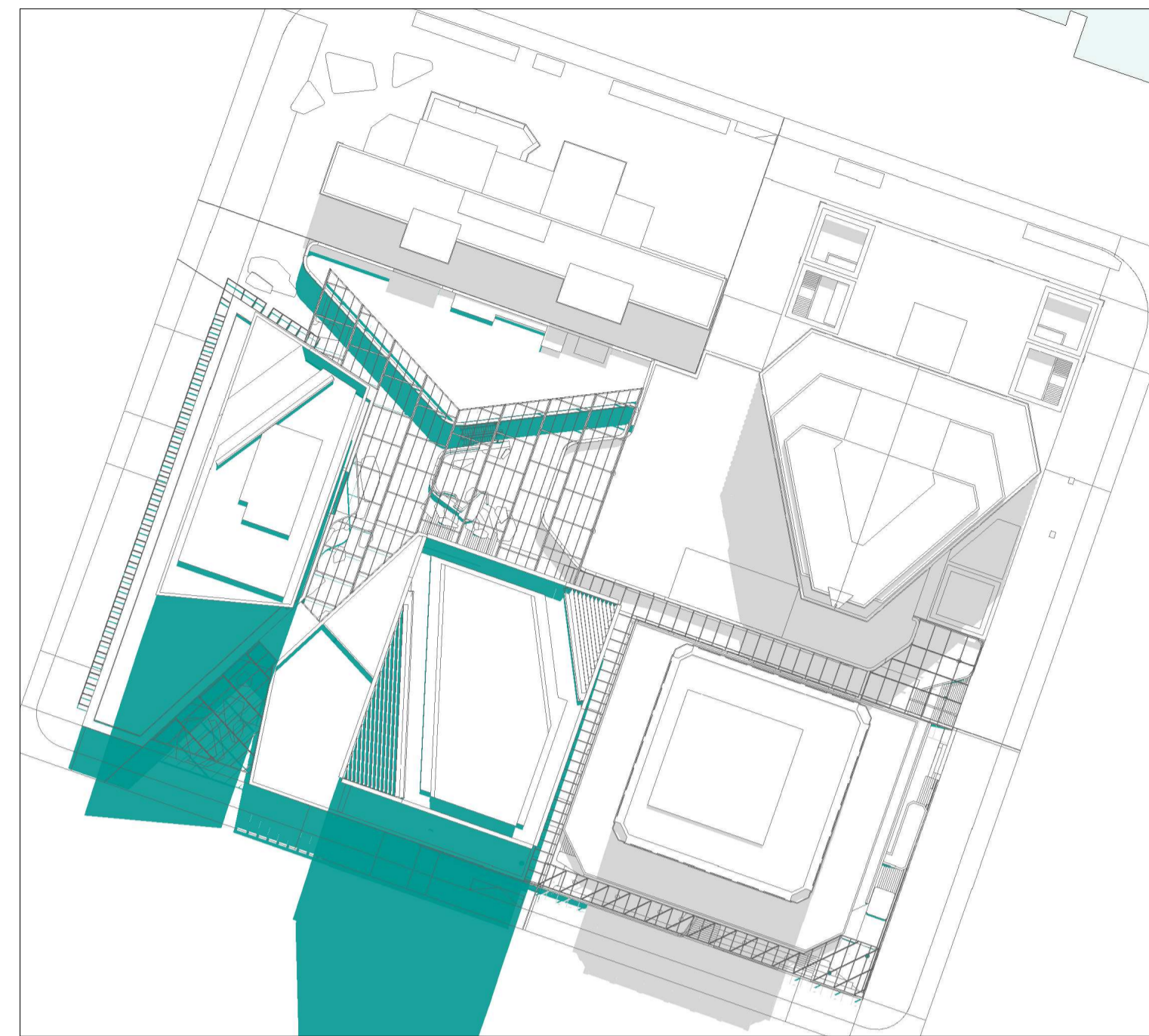
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-  SHADING GENERATED BY EXISTING OR APPROVED STRUCTURES



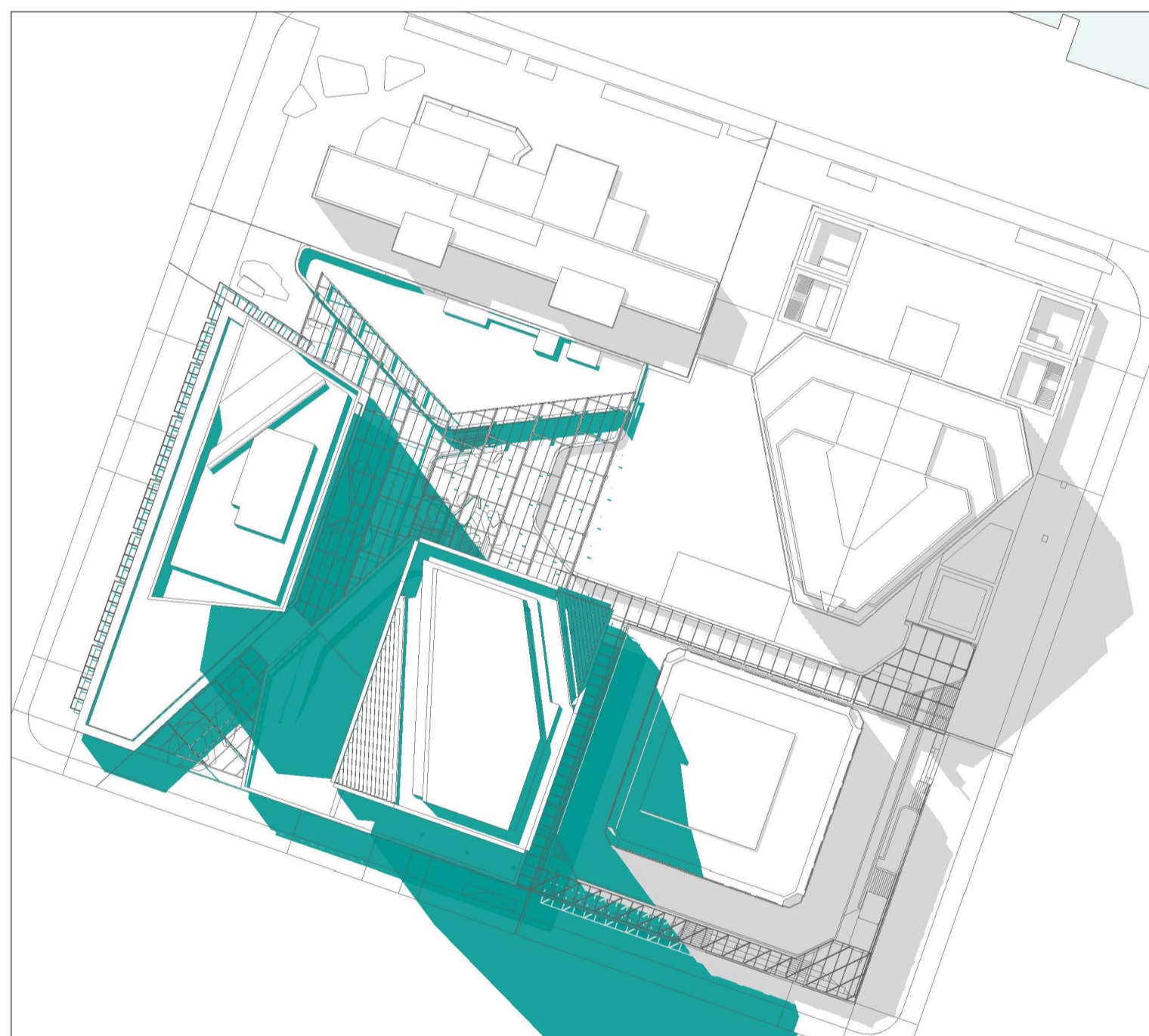
Dec 21 - 10_00 AM



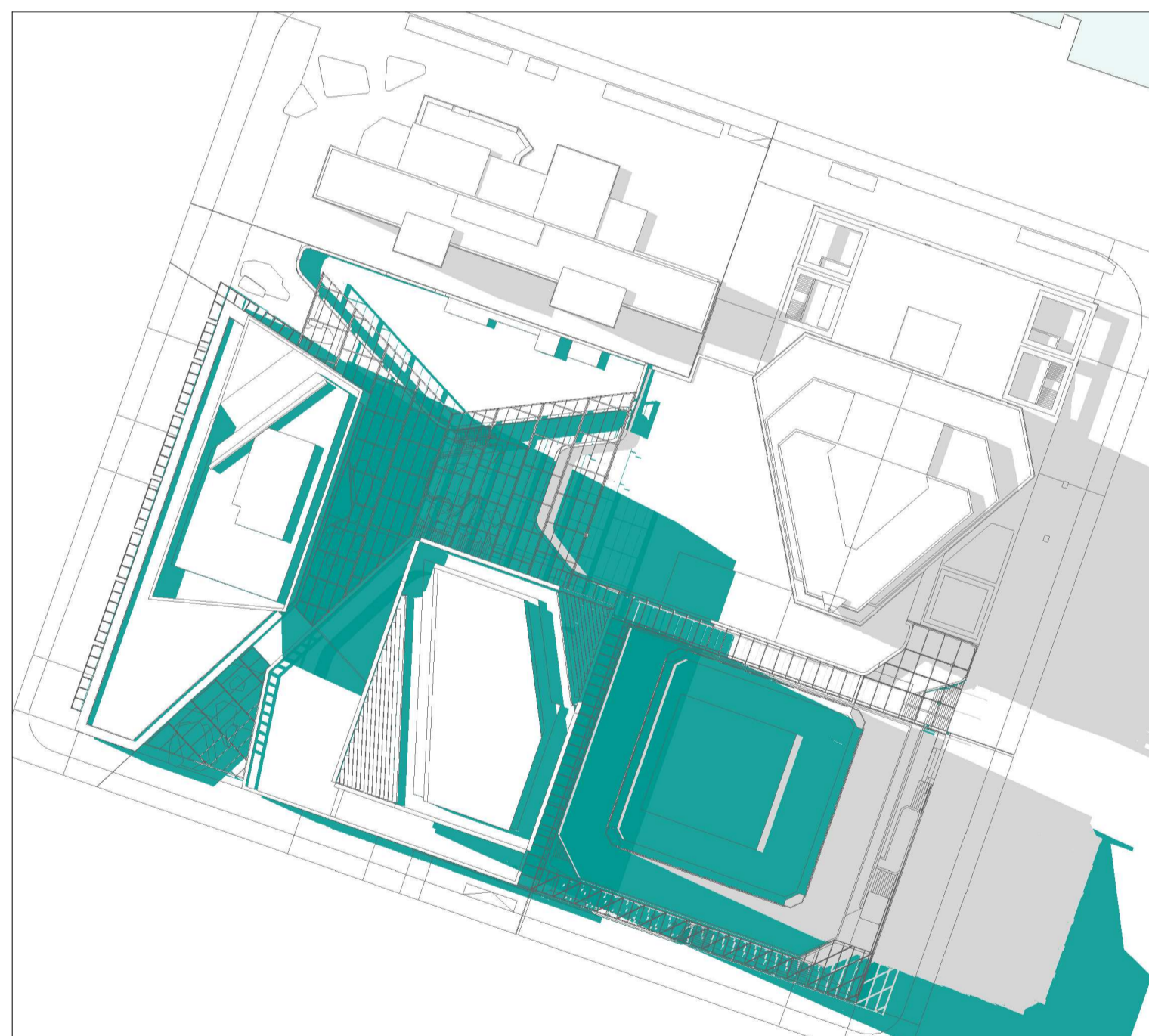
Dec 21 - 11_00 AM



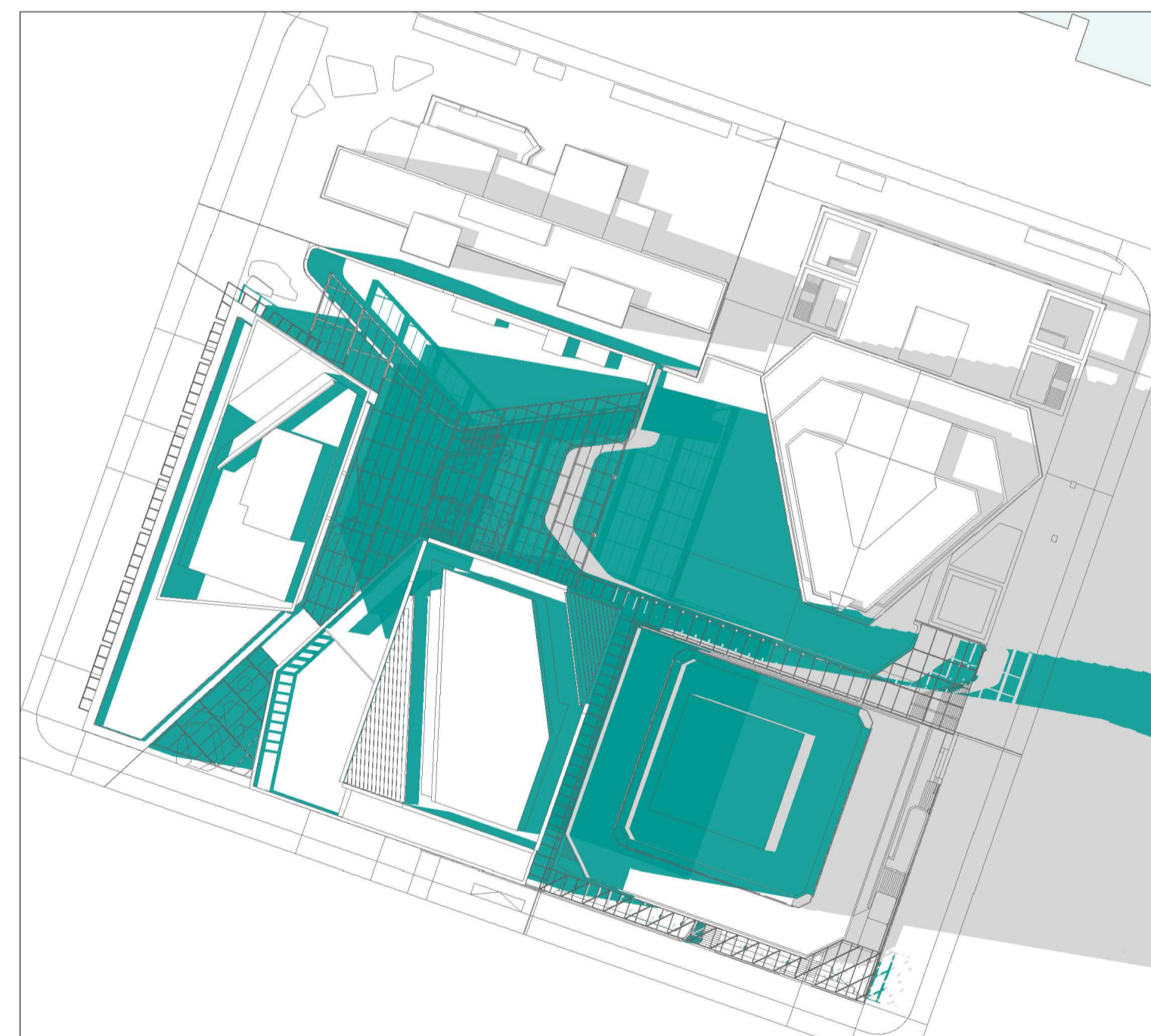
Dec 21 - 12_00 PM



Dec 21 - 01_00 PM



Dec 21 - 02_00 PM



Dec 21 - 03_00 PM

Consultants

- RCP
Project Manager
- RLB
Quantity Surveyor
- HOLMES
Structural Engineer
- MOTT MAC DONALD
Services Engineer
- CROSSFIRE
Fire Engineer
- TONKIN + TAYLOR
Civil Engineer
- FLOW
Traffic Engineer

Client



**Warren and Mahoney Architects
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139 Pakenham Street West
Wynyard Quarter
Auckland 1010
New Zealand
Phone + 64 9 309 4894

Registered Architects and Designers
www.warrenandmahoney.com

Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**URBAN ROOM
SHADING ANALYSIS
SUMMER SOLSTICE
DEC 21 - 1000-1500**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale 1 : 1 @ A1
Date 09/12/24
Job No 9234
Drawn WAM
Checked MM

Drawing No Revision

RC08-0021 (E)

WARREN AND MAHONEY

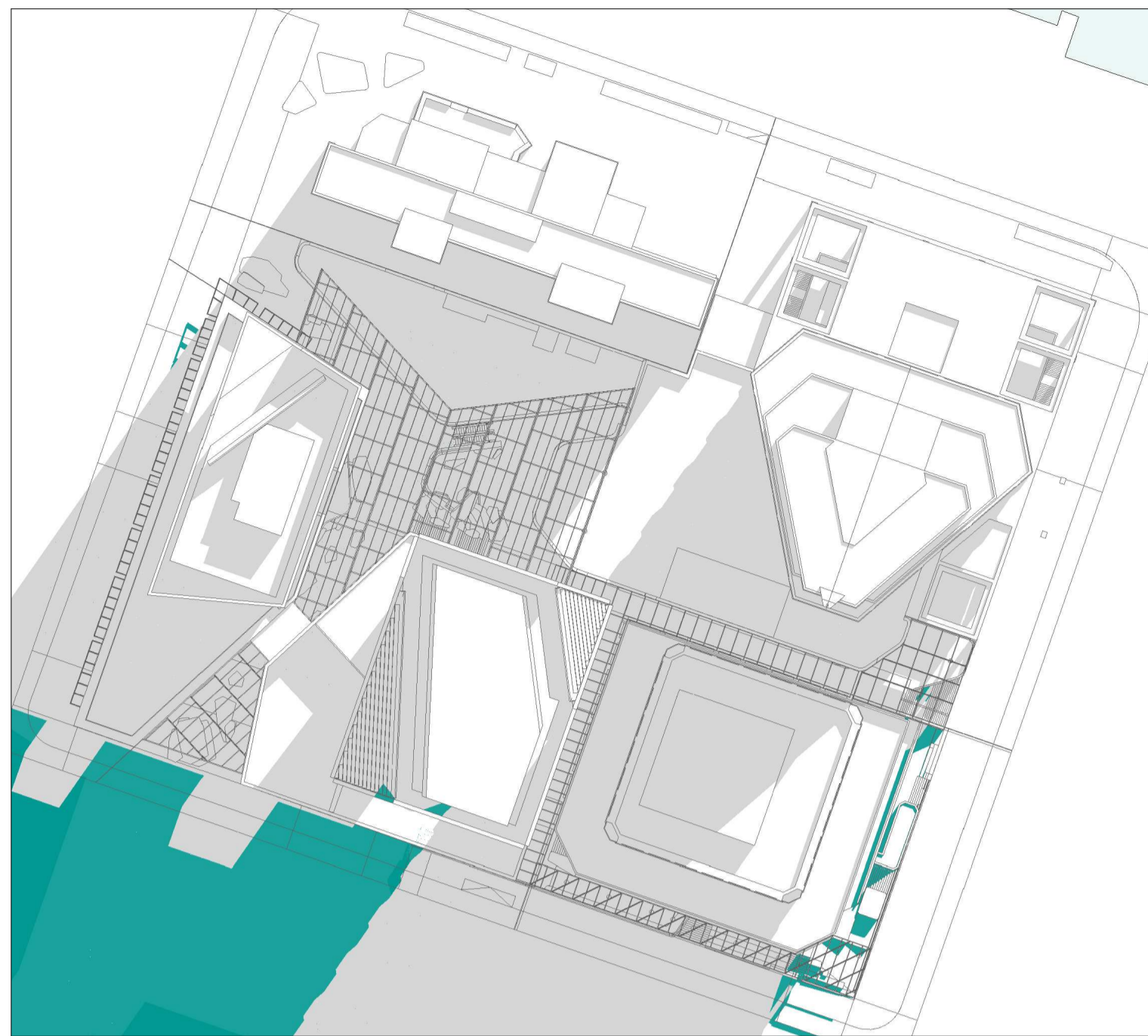
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Revisions

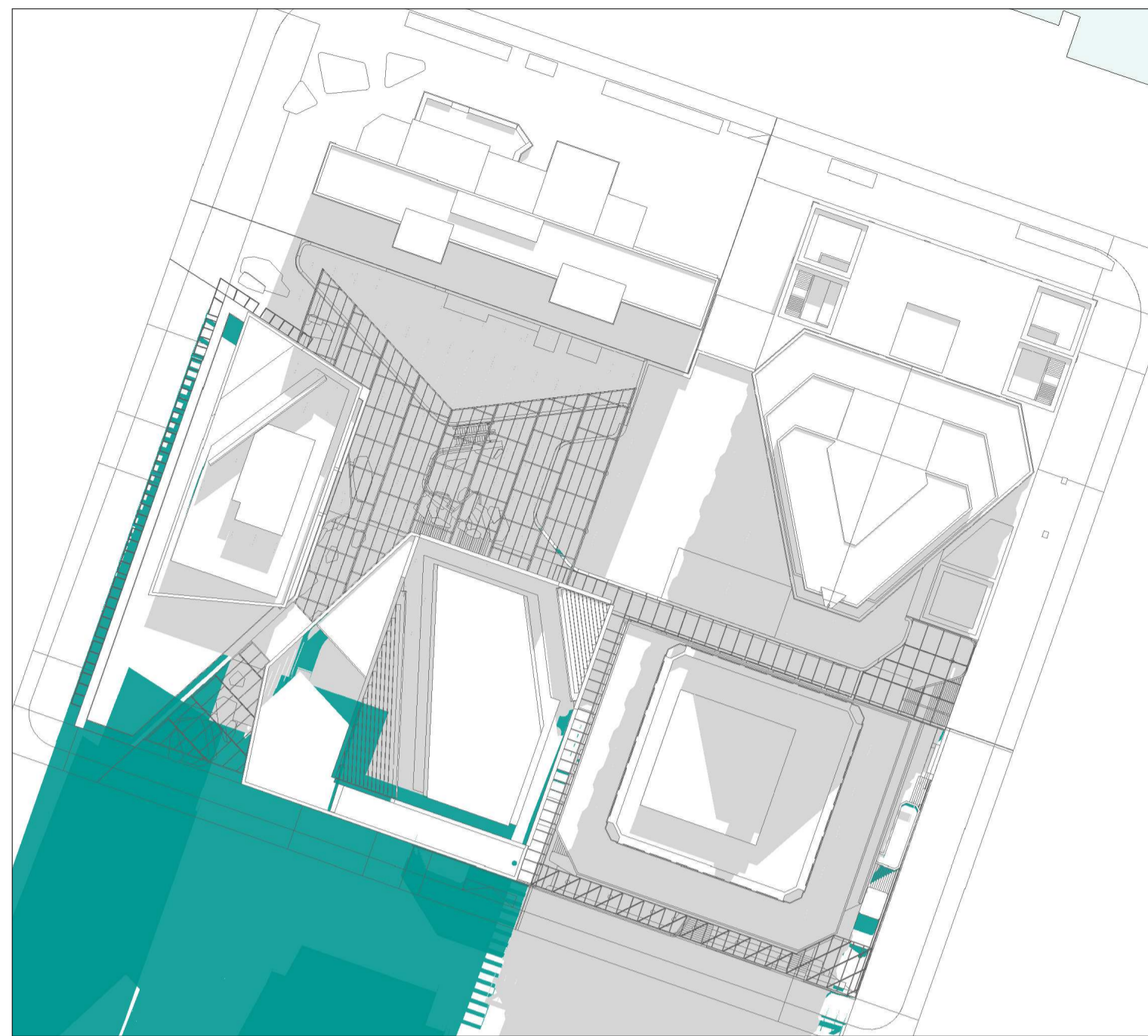
- A 07/06/24 DRAFT RC ISSUE
- B 01/07/24 DRAFT RC ISSUE
- C 22/07/24 DRAFT RC ISSUE
- D 22/07/24 RC ISSUE
- E 09/12/24 DESIGN UPDATE RC RFI 1

Notes

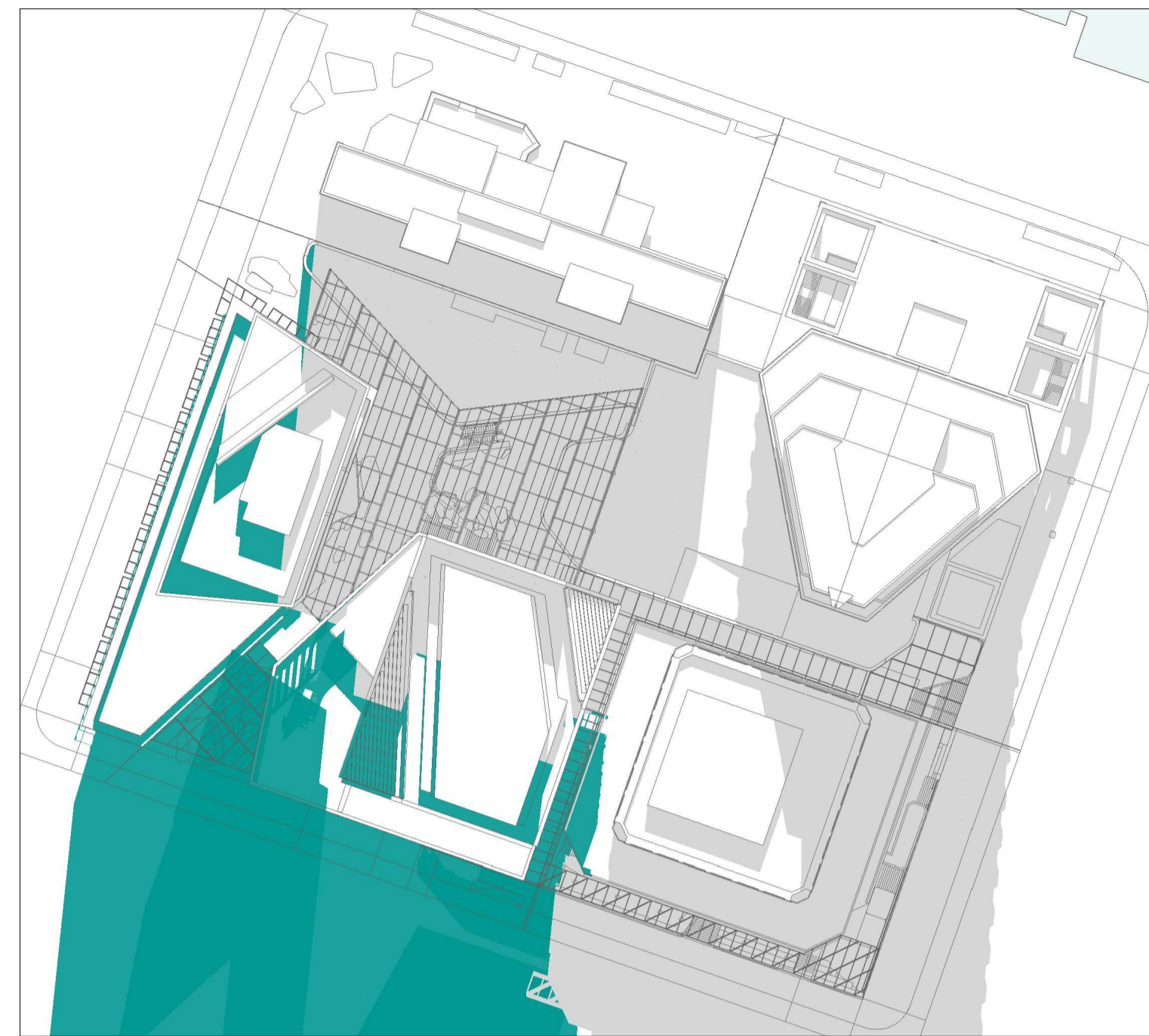
- SHADOWS CAST BY NEW DEVELOPMENT
- SHADING GENERATED BY EXISTING OR APPROVED STRUCTURES



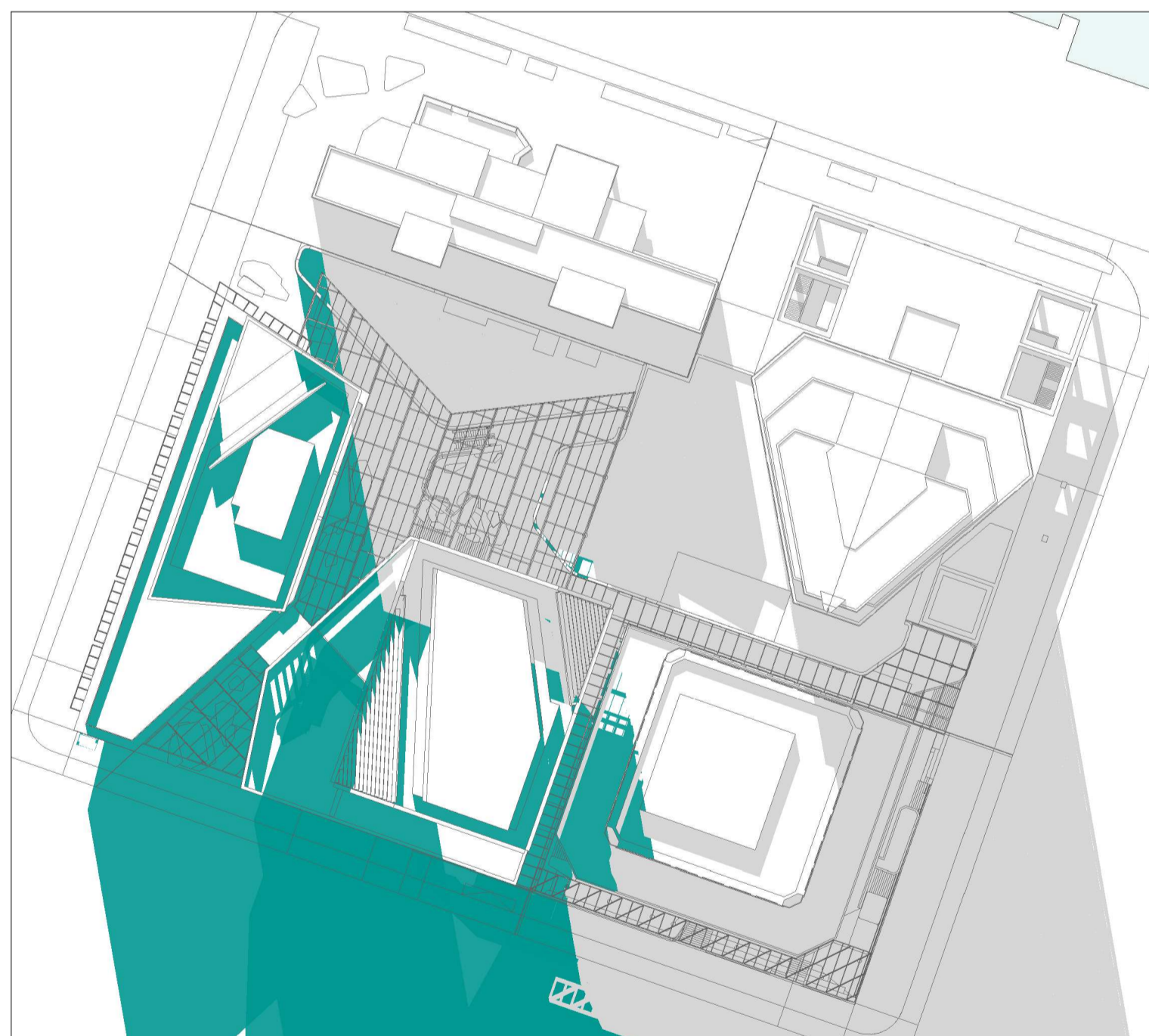
Jun 21 - 10_00 AM



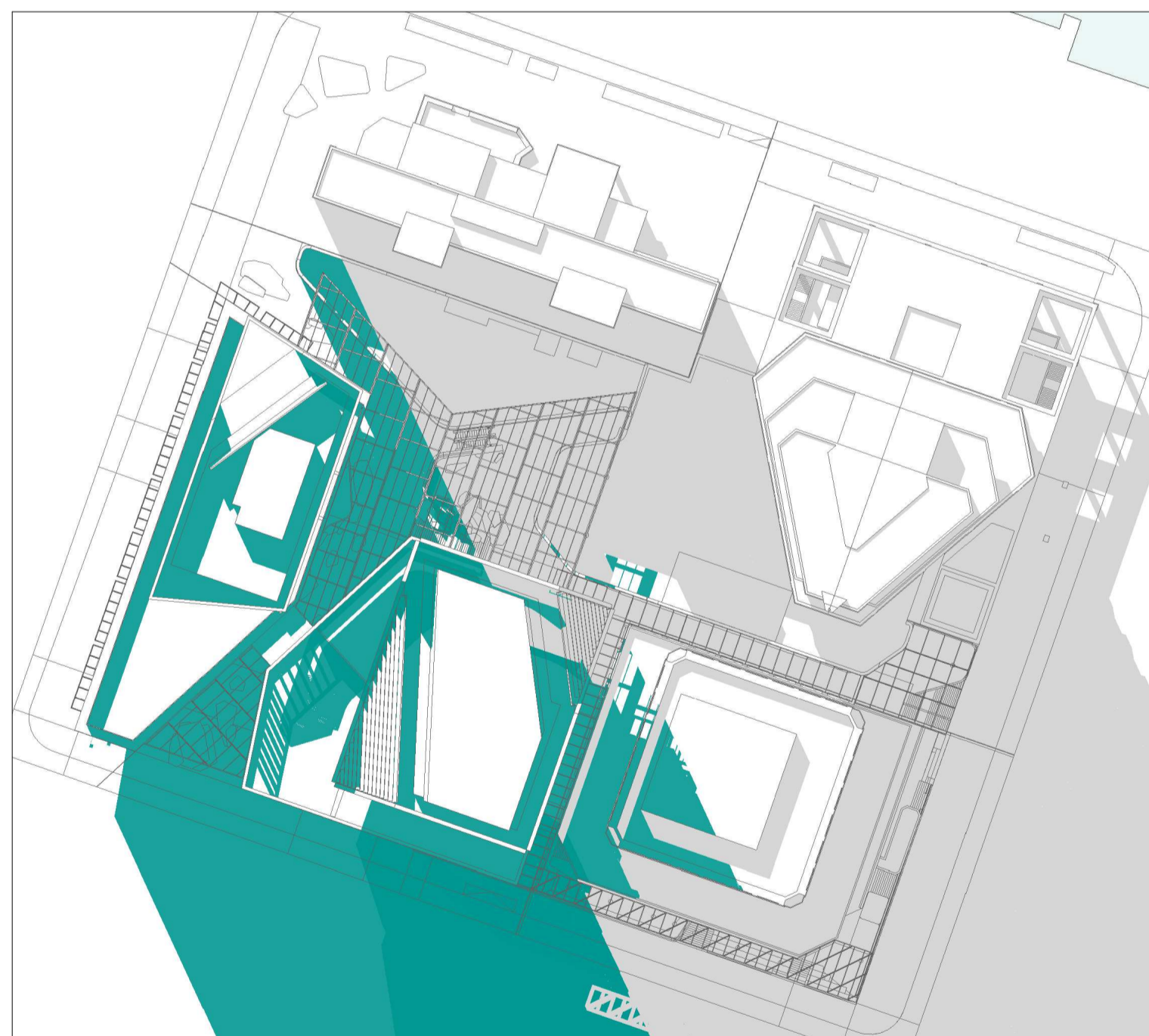
Jun 21 - 11_00 AM



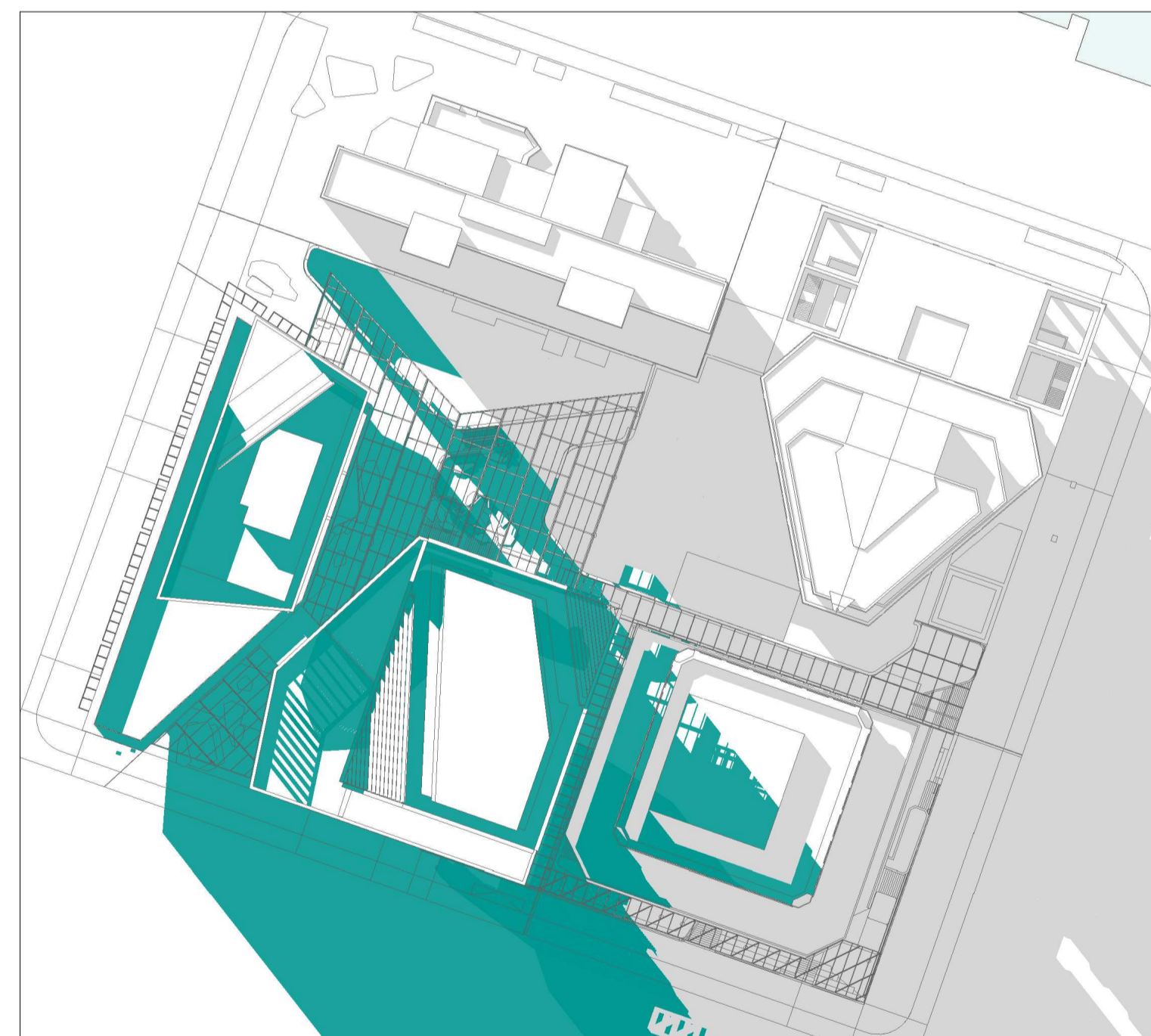
Jun 21 - 12_00 PM



Jun 21 - 01_00 PM



Jun 21 - 02_00 PM



Jun 21 - 03_00 PM

Consultants

- RCP
Project Manager
- RLB
Quantity Surveyor
- HOLMES
Structural Engineer
- MOTT MAC DONALD
Services Engineer
- CROSSFIRE
Fire Engineer
- TONKIN + TAYLOR
Civil Engineer
- FLOW
Traffic Engineer

Client



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Auckland 1010
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Phone + 64 9 309 4894

Registered Architects and Designers
www.warrenandmahoney.com

Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

URBAN ROOM
SHADING ANALYSIS
WINTER SOLSTICE
JUN 21 - 1000-1500

Drawing Status

RESOURCE CONSENT
ISSUE

Drawing Details

Scale	1 : 1 @ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	MM

Drawing No **Revision**

RC08-0022 (E)

WARREN AND MAHONEY

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Revisions

- A 01/07/24 DRAFT RC ISSUE
- B 22/07/24 DRAFT RC ISSUE
- C 22/07/24 RC ISSUE
- D 09/12/24 DESIGN UPDATE RC RFI 1

Notes



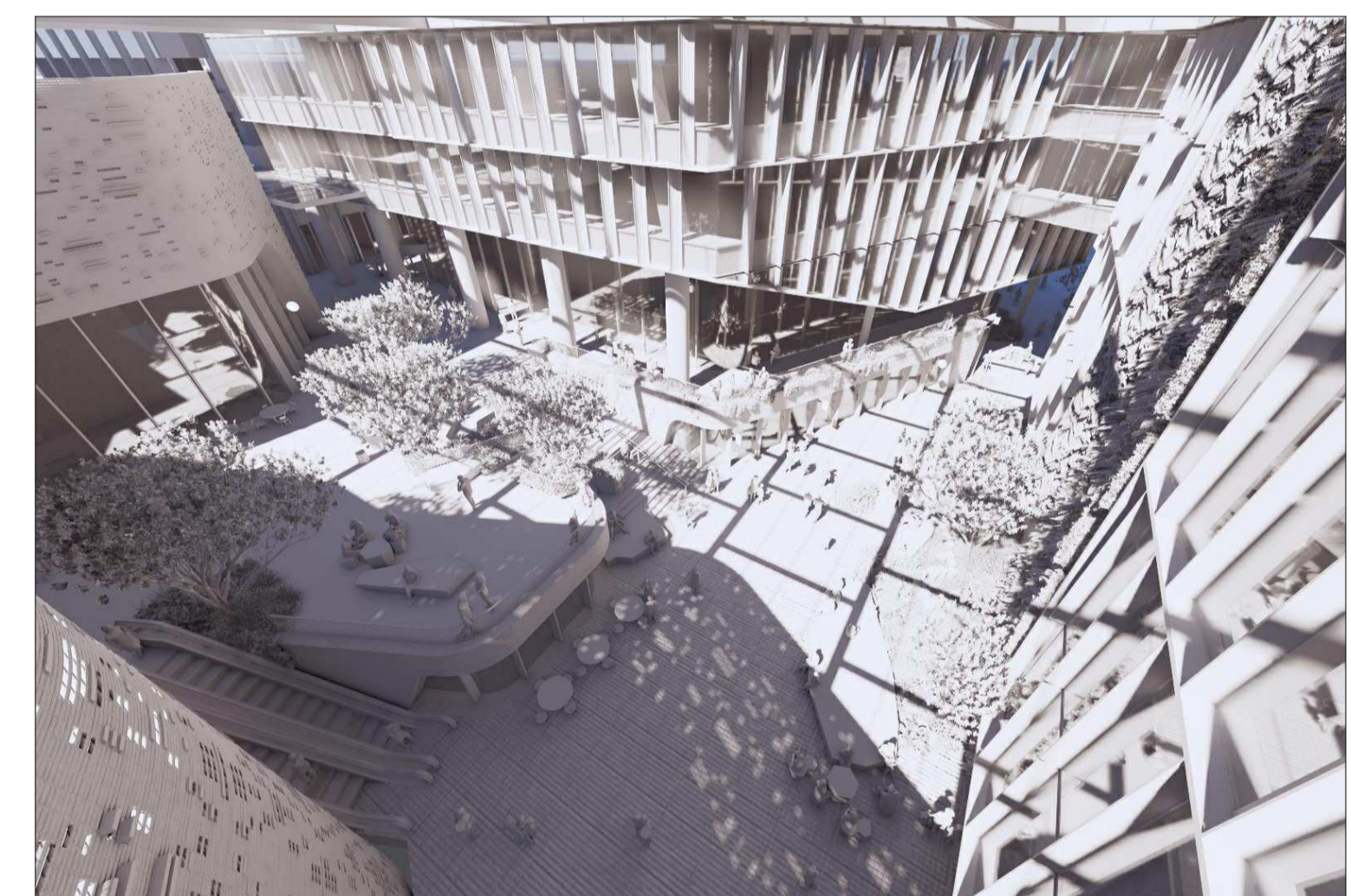
Sep 23 - 08_00 AM



Sep 23 - 09_00 AM



Sep 23 - 10_00 AM



Sep 23 - 11_00 AM



Sep 23 - 12_00 PM



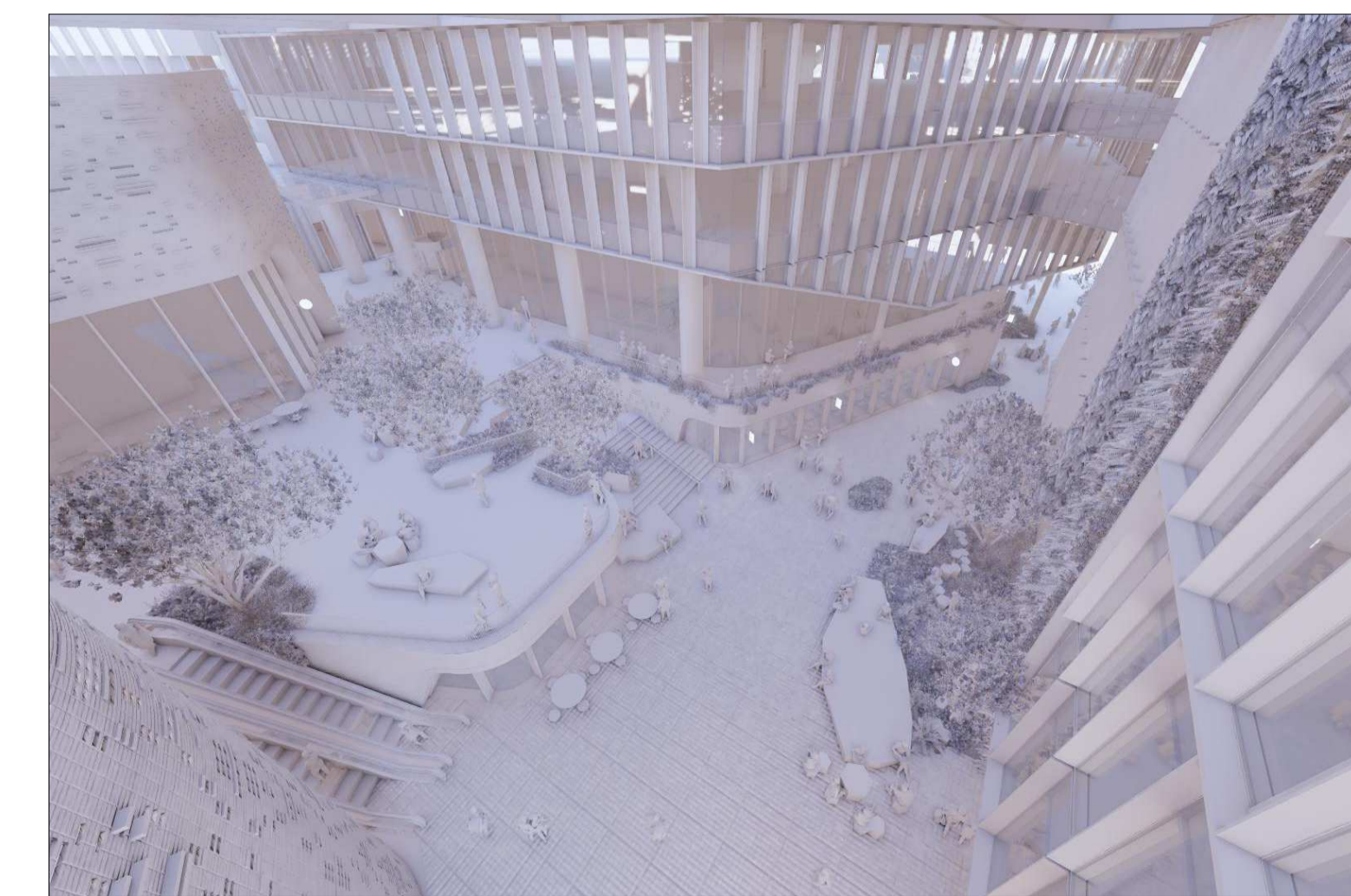
Sep 23 - 01_00 PM



Sep 23 - 02_00 PM



Sep 23 - 03_00 PM



Sep 23 - 04_00 PM

Consultants

- RCP
Project Manager
- RLB
Quantity Surveyor
- HOLMES
Structural Engineer
- MOTT MAC DONALD
Services Engineer
- CROSSFIRE
Fire Engineer
- TONKIN + TAYLOR
Civil Engineer
- FLOW
Traffic Engineer

Client



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New Zealand
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Registered Architects and Designers
www.warrenandmahoney.com

Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**URBAN ROOM 3D
SHADING ANALYSIS
SPRING EQUINOX
SEP 23 - 0800-1600**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale	@ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	Checker

Drawing No **Revision**

RC08-0030 (D)

WARREN AND MAHONEY

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Revisions

- A 01/07/24 DRAFT RC ISSUE
- B 22/07/24 DRAFT RC ISSUE
- C 22/07/24 RC ISSUE
- D 09/12/24 DESIGN UPDATE RC RFI 1

Notes



Sep 23 - 05_00 PM

Consultants

- RCP
Project Manager
- RLB
Quantity Surveyor
- HOLMES
Structural Engineer
- MOTT MAC DONALD
Services Engineer
- CROSSFIRE
Fire Engineer
- TONKIN + TAYLOR
Civil Engineer
- FLOW
Traffic Engineer

Client



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New Zealand
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Registered Architects and Designers
www.warrenandmahoney.com

Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**URBAN ROOM 3D
SHADING ANALYSIS
SPRING EQUINOX
SEP 23 - 1700-1700**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale	@ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	Checker

Drawing No **Revision**

RC08-0031 **D**

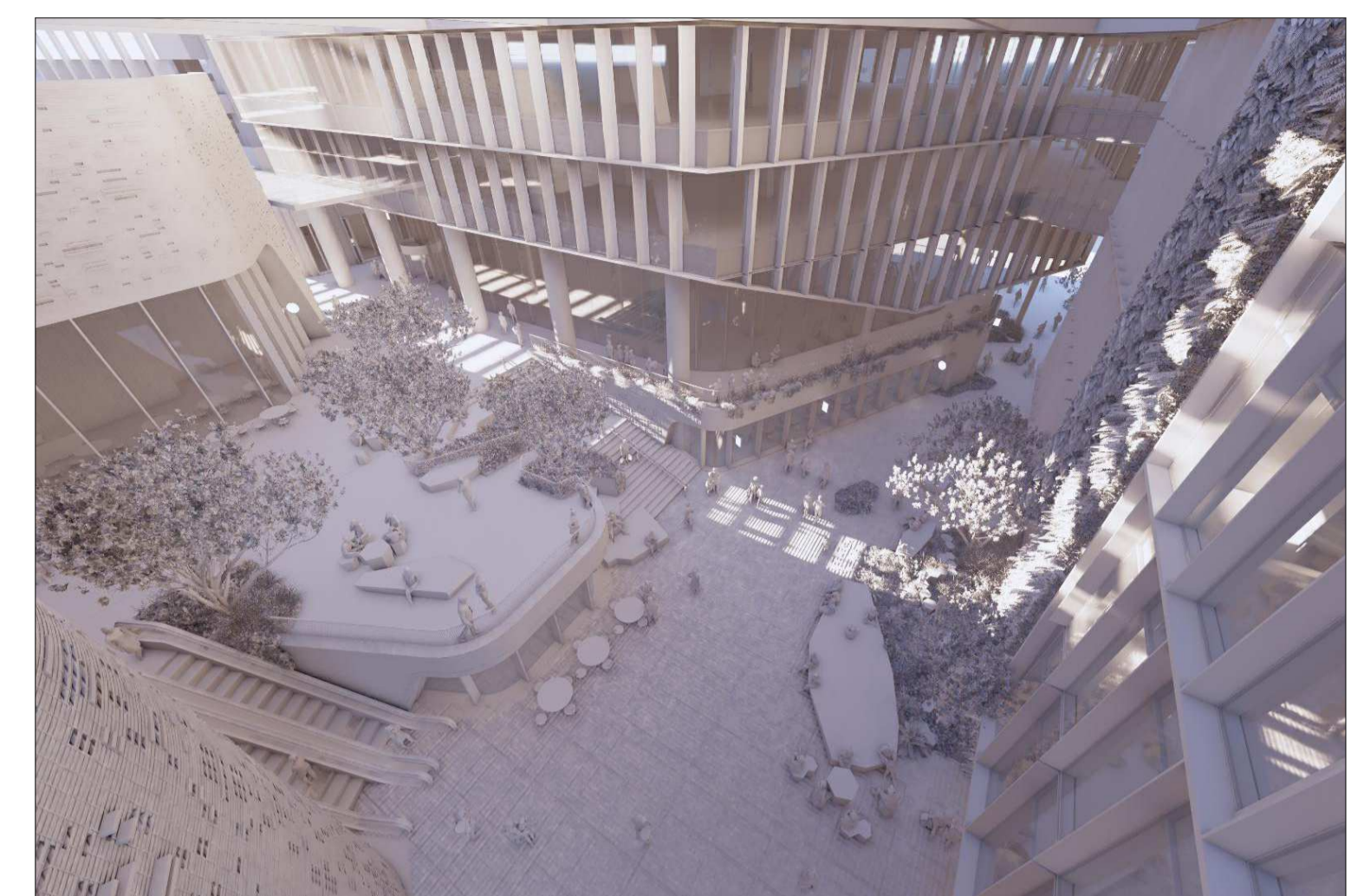
WARREN AND MAHONEY

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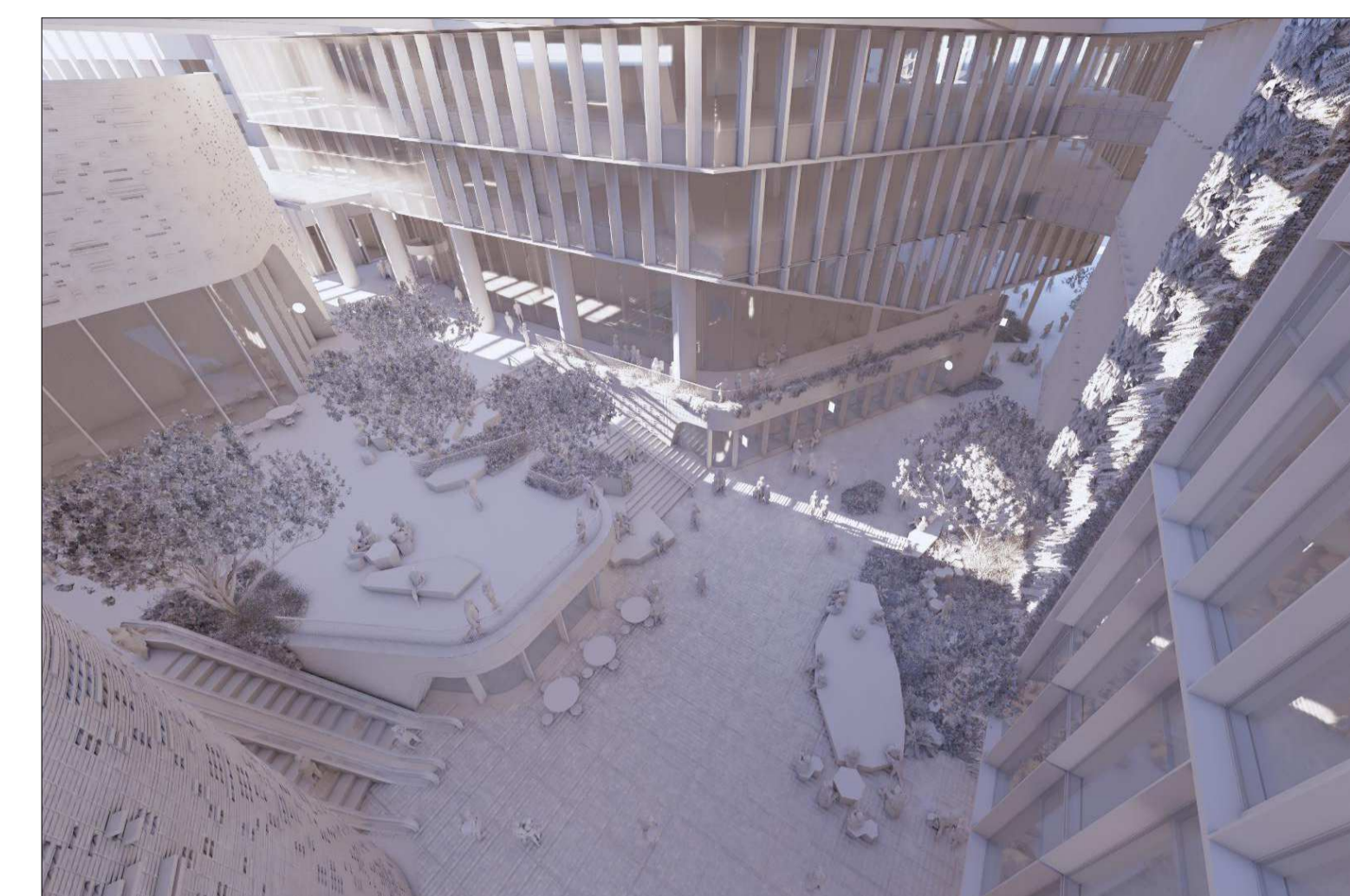
Revisions

- A 01/07/24 DRAFT RC ISSUE
- B 22/07/24 DRAFT RC ISSUE
- C 22/07/24 RC ISSUE
- D 09/12/24 DESIGN UPDATE RC RFI 1

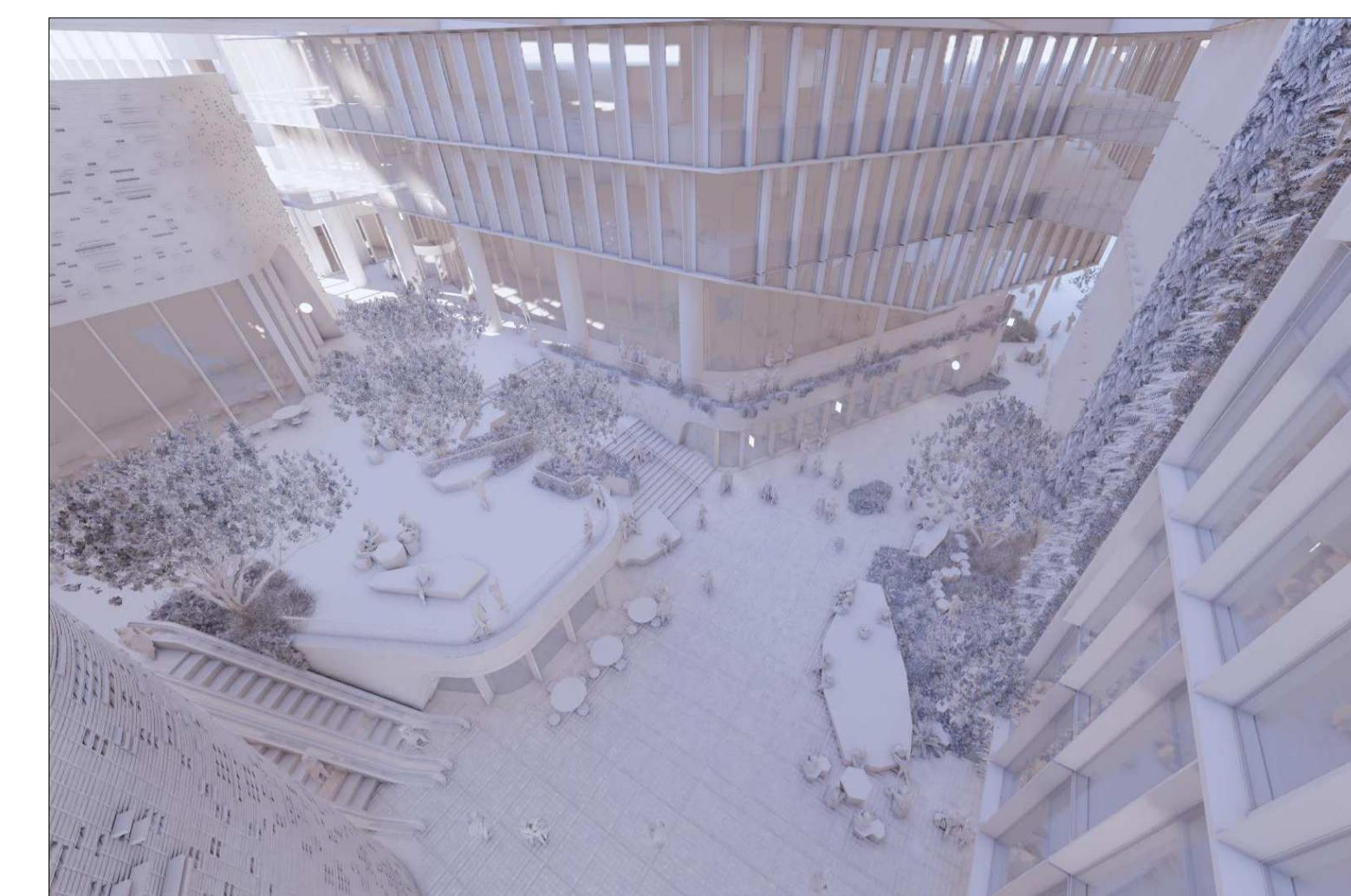
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Dec 21 - 06_30 AM



Dec 21 - 07_00 AM



Dec 21 - 08_00 AM



Dec 21 - 09_00 AM



Dec 21 - 10_00 AM



Dec 21 - 11_00 AM



Dec 21 - 12_00 PM



Dec 21 - 01_00 PM



Dec 21 - 01_30 PM

Consultants

- RCP
Project Manager
- RLB
Quantity Surveyor
- HOLMES
Structural Engineer
- MOTT MAC DONALD
Services Engineer
- CROSSFIRE
Fire Engineer
- TONKIN + TAYLOR
Civil Engineer
- FLOW
Traffic Engineer

Client



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Auckland 1010
New Zealand
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Registered Architects and Designers
www.warrenandmahoney.com

Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**URBAN ROOM 3D
SHADING ANALYSIS
SUMMER SOLSTICE
DEC 21 - 0630-1330**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale	@ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	Checker

Drawing No **Revision**

RC08-0032 **D**

WARREN AND MAHONEY

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Revisions

- A 01/07/24 DRAFT RC ISSUE
- B 22/07/24 DRAFT RC ISSUE
- C 22/07/24 RC ISSUE
- D 09/12/24 DESIGN UPDATE RC RFI 1

Notes



Dec 21 - 02_00 PM



Dec 21 - 03_00 PM



Dec 21 - 04_00 PM

Consultants

- RCP
Project Manager
- RLB
Quantity Surveyor
- HOLMES
Structural Engineer
- MOTT MAC DONALD
Services Engineer
- CROSSFIRE
Fire Engineer
- TONKIN + TAYLOR
Civil Engineer
- FLOW
Traffic Engineer

Client



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www.warrenandmahoney.com

Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

URBAN ROOM 3D
SHADING ANALYSIS
SUMMER SOLSTICE
DEC 21 - 1400-1600

Drawing Status

RESOURCE CONSENT
ISSUE

Drawing Details

Scale @ A1
Date 09/12/24
Job No 9234
Drawn WAM
Checked Checker

Drawing No **Revision**

RC08-0033 (D)

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Revisions

- A 01/07/24 DRAFT RC ISSUE
- B 22/07/24 DRAFT RC ISSUE
- C 22/07/24 RC ISSUE
- D 09/12/24 DESIGN UPDATE RC RFI 1

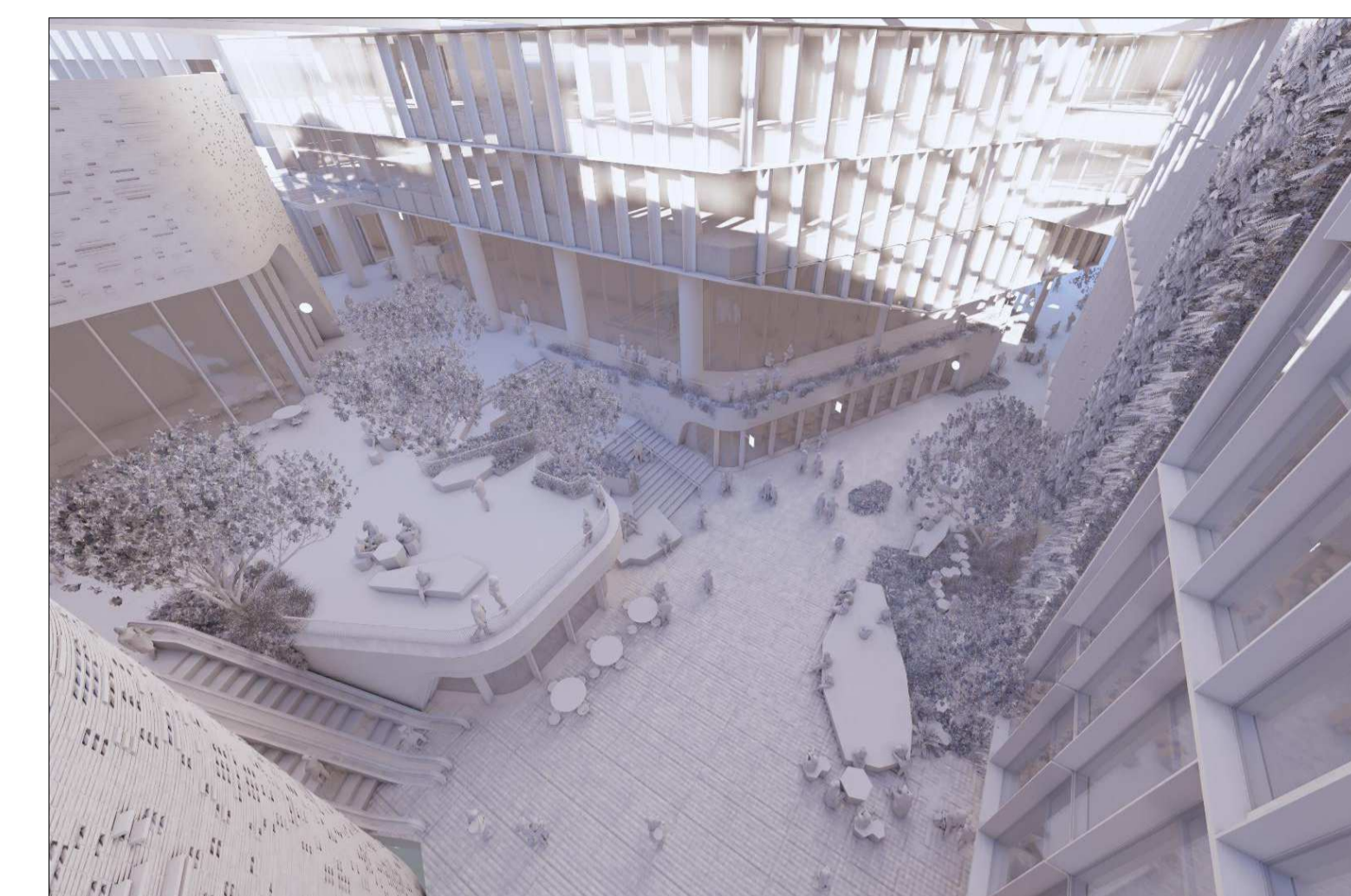
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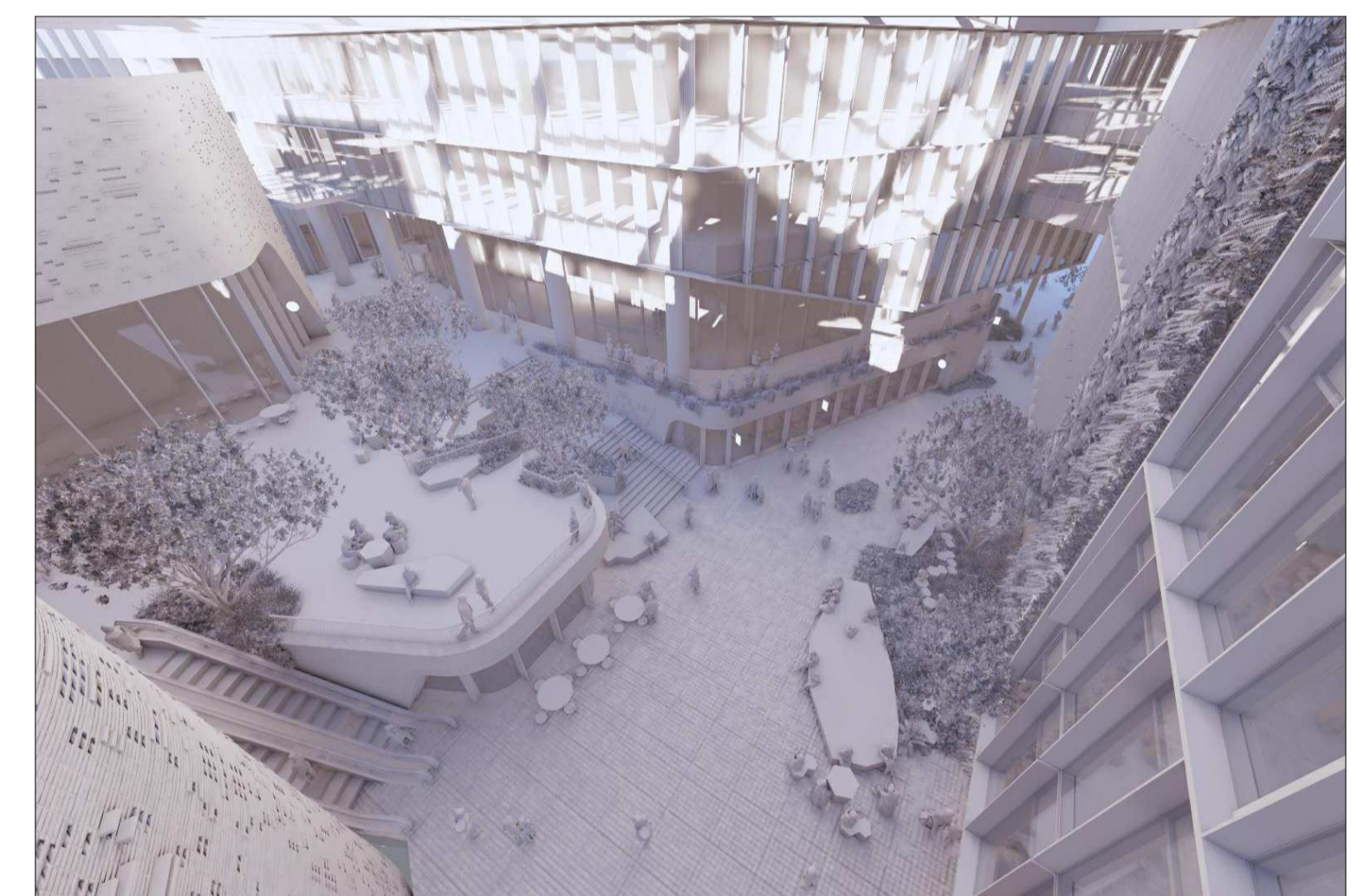
Jun 21 - 09_00 AM



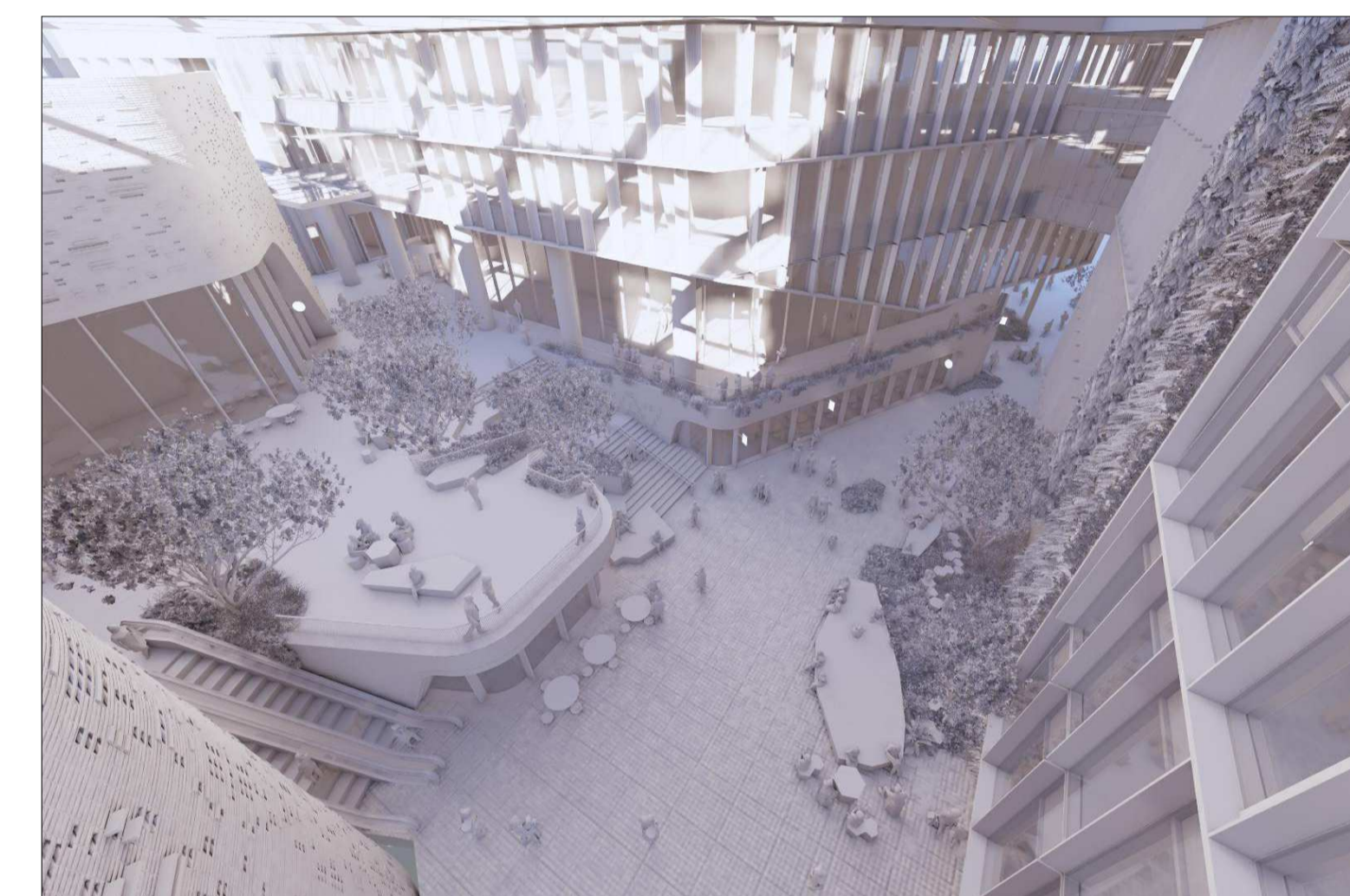
Jun 21 - 10_00 AM



Jun 21 - 11_00 AM



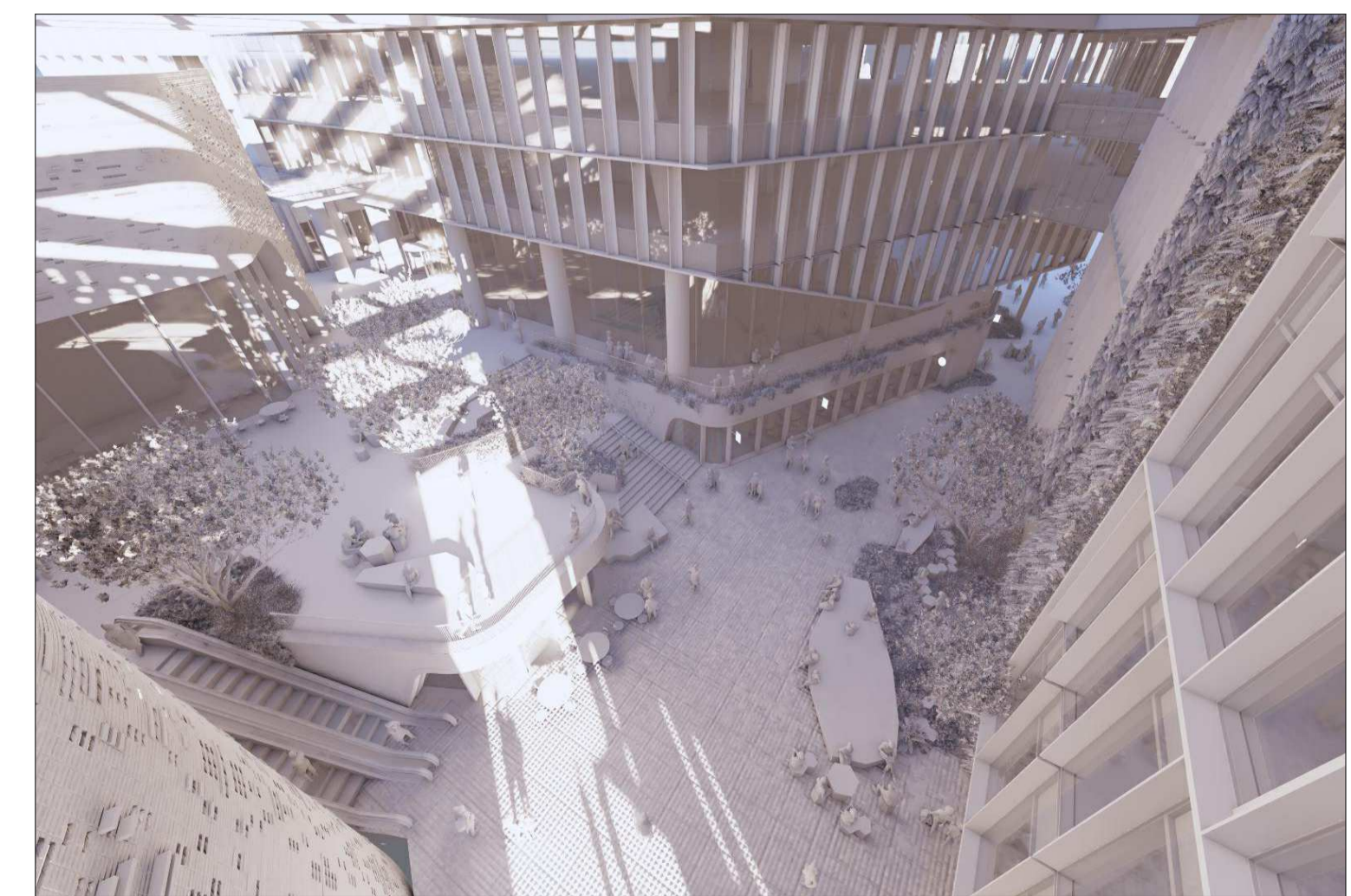
Jun 21 - 12_00 PM



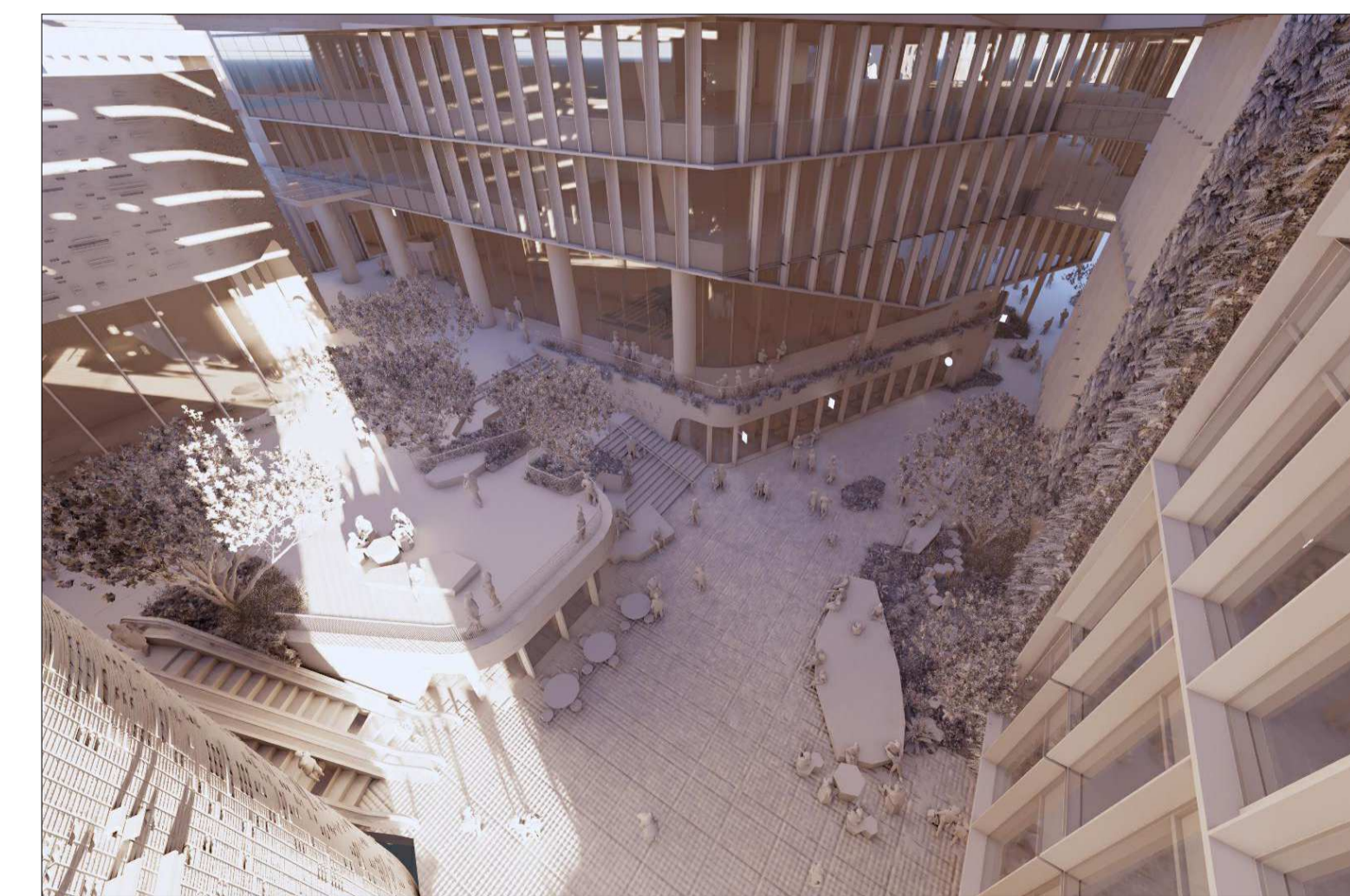
Jun 21 - 01_00 PM



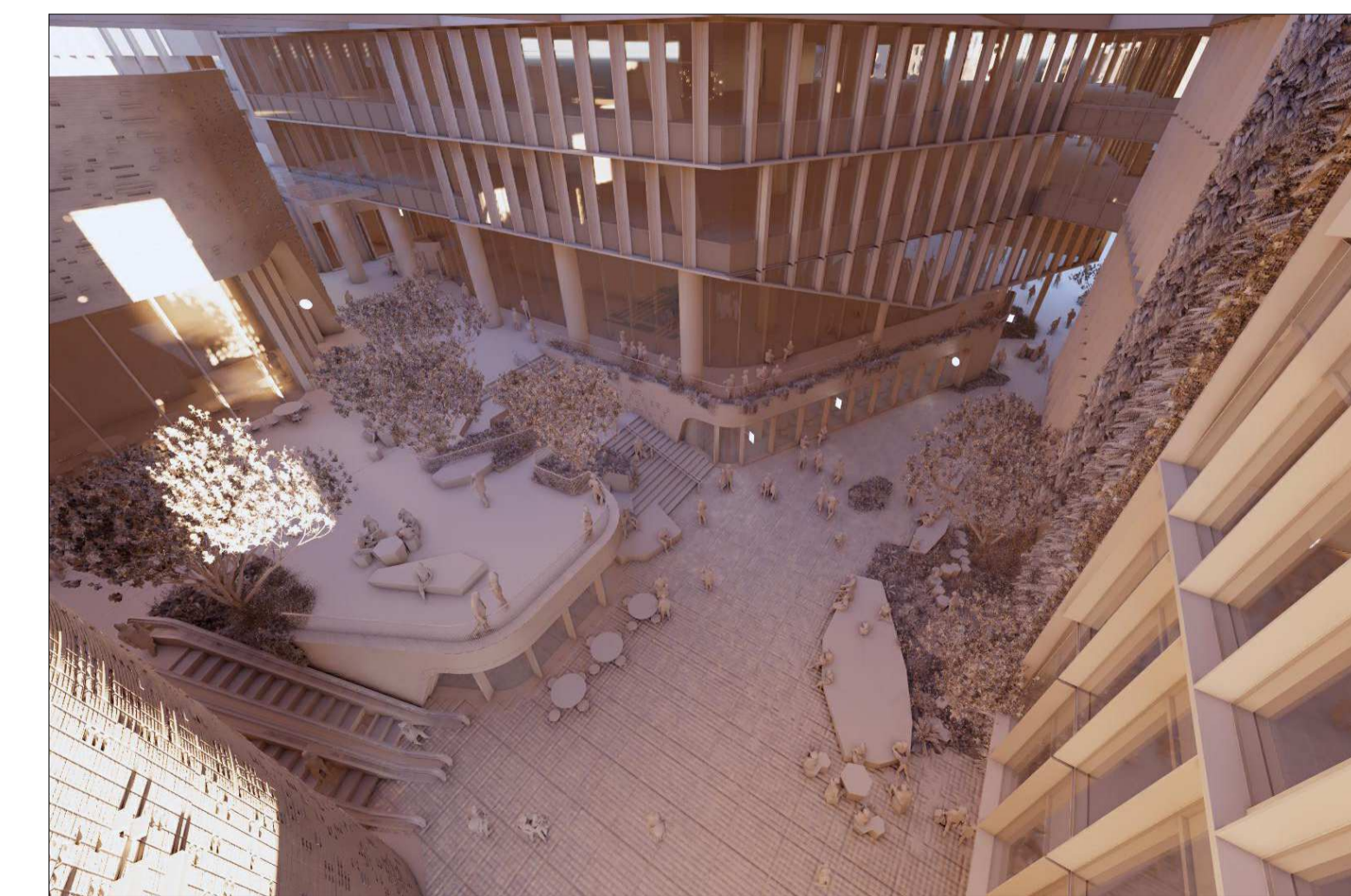
Jun 21 - 02_00 PM



Jun 21 - 03_00 PM



Jun 21 - 04_00 PM



Jun 21 - 04_30 PM

Consultants

- RCP
Project Manager
- RLB
Quantity Surveyor
- HOLMES
Structural Engineer
- MOTT MAC DONALD
Services Engineer
- CROSSFIRE
Fire Engineer
- TONKIN + TAYLOR
Civil Engineer
- FLOW
Traffic Engineer

Client



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139 Pakenham Street West
Wynyard Quarter
Auckland 1010
New Zealand
Phone + 64 9 309 4894

Registered Architects and Designers
www.warrenandmahoney.com

Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

**URBAN ROOM 3D
SHADING ANALYSIS
WINTER SOLSTICE
JUN 21 - 0900-1630**

Drawing Status

**RESOURCE CONSENT
ISSUE**

Drawing Details

Scale	@ A1
Date	09/12/24
Job No	9234
Drawn	WAM
Checked	Checker

Drawing No **Revision**

RC08-0034 (D)

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Revisions

- A 01/07/24 DRAFT RC ISSUE
- B 22/07/24 DRAFT RC ISSUE
- C 22/07/24 RC ISSUE
- D 09/12/24 DESIGN UPDATE RC RFI 1

Notes



Jun 21 - 05_00 PM

Consultants

- RCP
Project Manager
- RLB
Quantity Surveyor
- HOLMES
Structural Engineer
- MOTT MAC DONALD
Services Engineer
- CROSSFIRE
Fire Engineer
- TONKIN + TAYLOR
Civil Engineer
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Traffic Engineer

Client



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Wynyard Quarter
Auckland 1010
New Zealand
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Registered Architects and Designers
www.warrenandmahoney.com

Project Title

DOWNTOWN WEST

2 LOWER HOBSON STREET,
AUCKLAND CBD, AUCKLAND 1010

Drawing Title

URBAN ROOM 3D
SHADING ANALYSIS
WINTER SOLSTICE
JUN 21 - 1700-1700

Drawing Status

RESOURCE CONSENT
ISSUE

Drawing Details

Scale @ A1
Date 09/12/24
Job No 9234
Drawn WAM
Checked Checker

Drawing No **Revision**

RC08-0035 (D)

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