

Sydney Metro

PITT STREET SOUTH OVERSTATION DEVELOPMENT

E.2 Shadow Analysis Report

**State Significant Development,
Development Application (SSD DA)**

Prepared for **Pitt Street Developer South Pty LTD**

15 May 2020

Revision C
Issue for SSD DA

Walsh²
Analysis

TABLE OF CONTENTS

1.0	CONTEXT.....	4
1.1	REASONS.....	4
1.2	THE SITE.....	5
1.2	SYDNEY METRO.....	6
1.3	PITT STREET SOUTH OVER STATION DEVELOPMENT (OSD)	9
2.0	PRELIMINARIES AND SUMMARY	11
2.1	PRELIMINARIES.....	11
2.2	SUMMARY.....	11
2.2.1	SOLAR ACCESS FOR APARTMENTS.....	11
2.2.2	OVERSHADOWING TO NEIGHBOURING PROPERTIES	11
3.0	DOCUMENTS AND INFORMATION.....	12
3.1	DOCUMENTS	12
3.2	SEARS	13
4.0	SOLAR ACCESS	14
4.1	RELEVANT SOLAR ACCESS STANDARDS.....	14
4.1.1	APARTMENT DESIGN GUIDE.....	14
4.1.2	LOCAL CONTROLS	14
4.2	PREDICTED SOLAR ACCESS: METHODOLOGY.....	15
4.2.1	3D DIGITAL MODEL.....	15
4.2.2	MODEL LOCATION.....	15
4.2.3	ACCURACY OF THE MODEL	15
4.2.4	VIEWS FROM THE SUN	15
4.3	CHARACTERISATION OF SOLAR ACCESS COMPLIANCE	16
4.3.1	SUN PATCHES ON GLAZING.....	16
4.3.2	TIMING OF ACCEPTABLE SUN ACCESS.....	16
4.3.3	SUN TO BEDROOMS.....	16
5.0	PREDICTED SOLAR ACCESS	17
5.1	PREDICTED SOLAR ACCESS OF APARTMENTS.....	17
6.0	OVERSHADOWING IMPACT ON NEIGHBOURING PROPERTIES.....	18
6.1	POTENTIALLY AFFECTED PROPERTIES.....	18
6.2	APPLICABLE CONTROL	18
6.3	PRINCETON APARTMENTS.....	19
6.4	CENTURY TOWER.....	20
6.5	HYDE PARK REGENCY	21
7.0	HYDE PARK	22
7.1	OVERSHADOWING OF HYDE PARK.....	22
8.0	CONCLUSIONS	23
8.1	SOLAR ACCESS FOR APARTMENTS	23
8.1.1	ADG COMPLIANCE.....	23
8.2	OVERSHADOWING OF PRINCETON APARTMENTS	23
8.3	OVERSHADOWING OF CENTURY TOWER	23
8.3	OVERSHADOWING OF HYDE PARK REGENCY	23
A.0	APPENDIX A: CREDENTIALS.....	24

B.0	APPENDIX B: VIEWS FROM THE SUN.....	25
C.0	APPENDIX C: COMPLIANCE TABLE OF PITT STREET SOUTH.....	42
D.0	APPENDIX D: COMPLIANCE TABLE OF PRINCETON APARTMENTS.....	56
E.0	APPENDIX E: COMPLIANCE TABLE OF CENTURY TOWERS.....	61
F.0	APPENDIX F: COMPLIANCE TABLE OF HYDE PARK RECENCY.....	70
G.0	APPENDIX F: VIEWS FROM SUN (HYDE PARK)	74

1.0 CONTEXT

1.1 REASONS

This report has been prepared to accompany a detailed State Significant Development (SSD) development application (DA) for a residential Over Station Development (OSD) above the new Sydney Metro Pitt Street South Station. The detailed SSD DA is consistent with the Concept Approval (SSD 17_8876) granted for the maximum building envelope on the site, as proposed to be modified.

The Minister for Planning, or their delegate, is the consent authority for the SSD DA and this application is lodged with the NSW Department of Planning, Industry and Environment (NSW DPIE) for assessment.

This report has been prepared in response to the requirements contained within the Secretary's Environmental Assessment Requirements (SEARs) dated 28 October 2019.

The detailed SSD DA seeks development consent for the construction and operation of

- New residential tower with a maximum building height of RL 165.15, including residential accommodation and podium retail premises, excluding station floor space
- Use of spaces within the CSSI 'metro box' building envelope for the purposes of:
 - *Retail tenancies;*
 - Residential communal facilities, residential storage, bicycle parking, and operational back of house uses
 - Shared vehicle loading and service facilities on the ground floor
 - Landscaping
 - *Utilities and services provision.*
 - *Stratum subdivision (Station/OSD).*
- *Integration with the approved CSSI proposal including though not limited to:*
 - *Structures, mechanical and electronic systems, and services; and*
 - *Vertical transfers;*

The site is located within the Sydney CBD, on the corner of Bathurst Street and Pitt Street. It has two separate street frontages, Pitt Street to the west and Bathurst Street to the north. The area surrounding the site consists of predominantly residential high-density buildings and some commercial buildings, with finer grain and heritage buildings dispersed throughout.

Figure 01 – Location Plan

1.2 SYDNEY METRO

Sydney Metro is Australia's biggest public transport program. A new standalone railway, this 21st century network will revolutionise the way Sydney travels.

There are four core components:

Sydney Metro Northwest (formerly the 36km North West Rail Link)

This project is now complete and passenger services commenced in May 2019 between Rouse Hill and Chatswood, with a metro train every four minutes in the peak. The project was delivered on time and \$1 billion under budget.

Sydney Metro City & Southwest

Sydney Metro City & Southwest project includes a new 30km metro line extending metro rail from the end of Metro Northwest at Chatswood, under Sydney Harbour, through new CBD stations and southwest to Bankstown. It is due to open in 2024 with the ultimate capacity to run a metro train every two minutes each way through the centre of Sydney.

Sydney Metro City & Southwest will deliver new metro stations at Crows Nest, Victoria Cross, Barangaroo, Martin Place, Pitt Street, Waterloo and new underground metro platforms at Central Station. In addition it will upgrade and convert all 11 stations between Sydenham and Bankstown to metro standards.

In 2024, customers will benefit from a new fully-air conditioned Sydney Metro train every four minutes in the peak in each direction with lifts, level platforms and platform screen doors for safety, accessibility and increased security.

Sydney Metro West

Sydney Metro West is a new underground railway connecting Greater Parramatta and the Sydney CBD. This once-in-a-century infrastructure investment will transform Sydney for generations to come, doubling rail capacity between these two areas, linking new communities to rail services and supporting employment growth and housing supply between the two CBDs.

The locations of seven proposed metro stations have been confirmed at Westmead, Parramatta, Sydney Olympic Park, North Strathfield, Burwood North, Five Dock and The Bays.

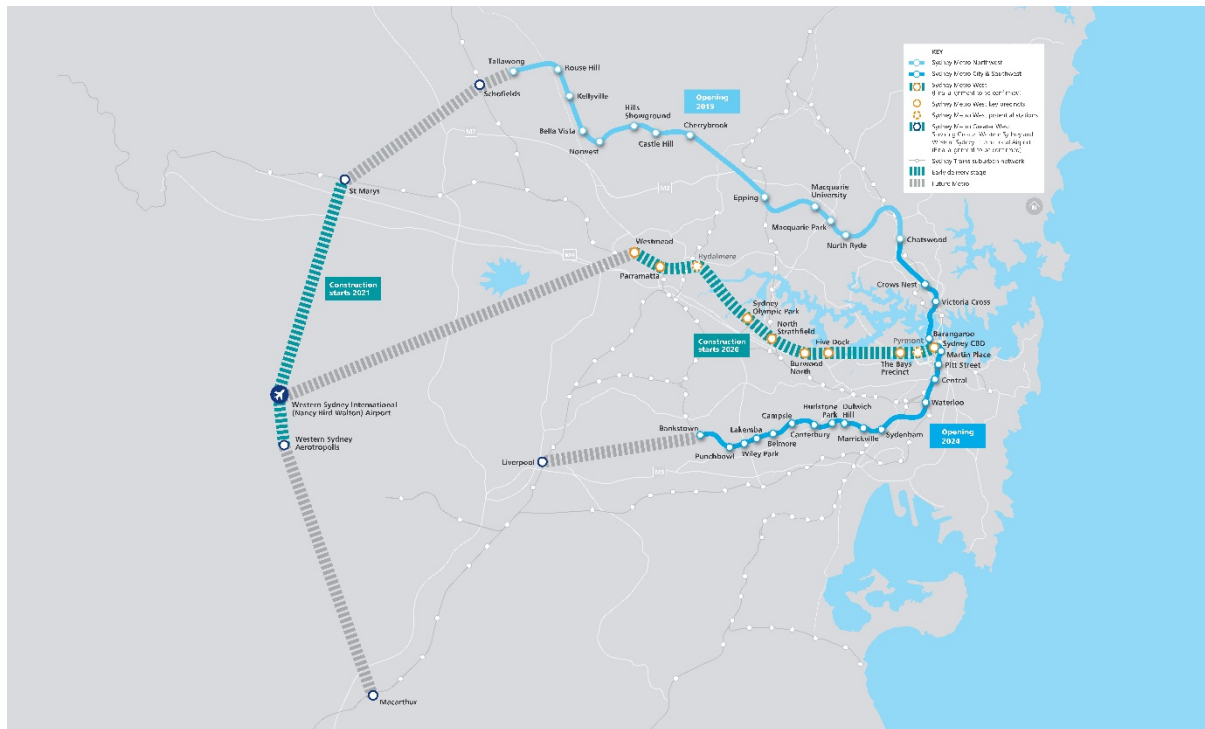
The NSW Government is assessing an optional station at Pyrmont and further planning is underway to determine the location of a new metro station in the Sydney CBD.

Sydney Metro Greater West

Metro rail will also service Greater Western Sydney and the new Western Sydney International (Nancy Bird Walton) Airport. The new railway line will become the transport spine for the Western Parkland City's growth for generations to come, connecting communities and travellers with the rest of Sydney's public transport system with a fast, safe and easy metro service. The Australian and NSW governments are equal partners in the delivery of this new railway.

The Sydney Metro Project is illustrated in the figure below.

Figure 02 – Sydney Metro Alignment Map



Source: Sydney Metro

On 9 January 2017, the Minister for Planning approved the Sydney Metro City & Southwest – Chatswood to Sydenham project as a Critical State Significant Infrastructure project (reference SSI 15_7400) (CSSI Approval). The terms of the CSSI Approval includes all works required to construct the Sydney Metro Pitt Street Station, including the demolition of existing buildings and structures on both sites (north and south). The CSSI Approval also includes construction of below and above ground works within the metro station structure for appropriate integration with over station developments.

The CSSI Approval included Indicative Interface Drawings for the below and above ground works at Pitt Street South Metro Station site. The delineation between the approved Sydney Metro works, generally described as within the “metro box”, and the Over Station Development (OSD) elements are illustrated below. The delineation line between the CSSI Approved works and the OSD envelope is generally described below or above the transfer slab level respectively.

Figure 03 – Pitt Street Station (North-South Section)

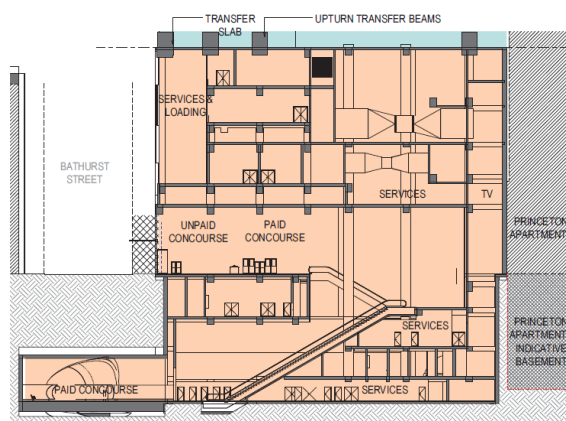
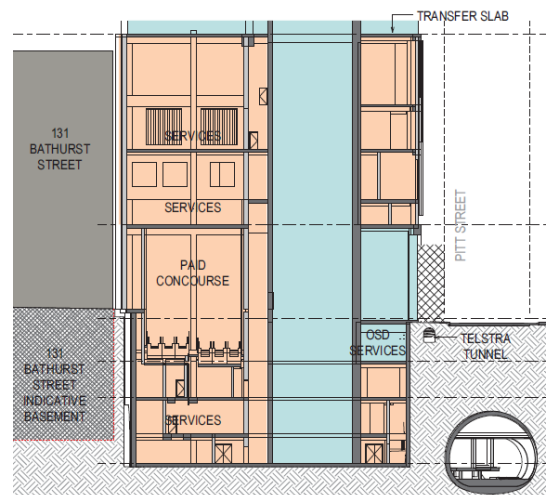


Figure 04 – Pitt Street Station (East-West Section)



LEGEND

- METRO PROPERTY BOUNDARY
- OSD DEVELOPMENT - SUBJECT TO SEPARATE ASSESSMENT PROCESS
- STATION

Source: CSSI Preferred Infrastructure Report (TfNSW)

The Preferred Infrastructure Report (PIR) noted that the integration of the OSD elements and the metro station elements would be subject to the design resolution process, noting that the detailed design of the “metro box” may vary from the concept design assessed within the planning approval.

As such in summary:

- The CSSI Approval provides consent for the construction of all structures within the approved “metro box” envelope for Pitt Street South.
- The CSSI Approval provides consent for the fit out and use of all areas within the approved “metro box” envelope that relate to the ongoing use and operation of the Sydney Metro.
- The CSSI Approval provides consent for the embellishment of the public domain, and the architectural design of the “metro box” envelope as it relates to the approved Sydney Metro and the approved Pitt Street South Station Design & Precinct Plan.
- Separate development consent however is required to be issued by the NSW DPIE for the use and fit-out of space within the “metro box” envelope for areas related to the OSD, and notably the construction and use of the OSD itself.

As per the requirements of clause 7.20 of the *Sydney Local Environmental Plan 2012*, as the OSD exceeds a height of 55 metres above ground level (among other triggers), development consent is first required to be issued in a Concept (formerly known as Stage 1) DA. This is described below.

1.3 PITT STREET SOUTH OVER STATION DEVELOPMENT (OSD)

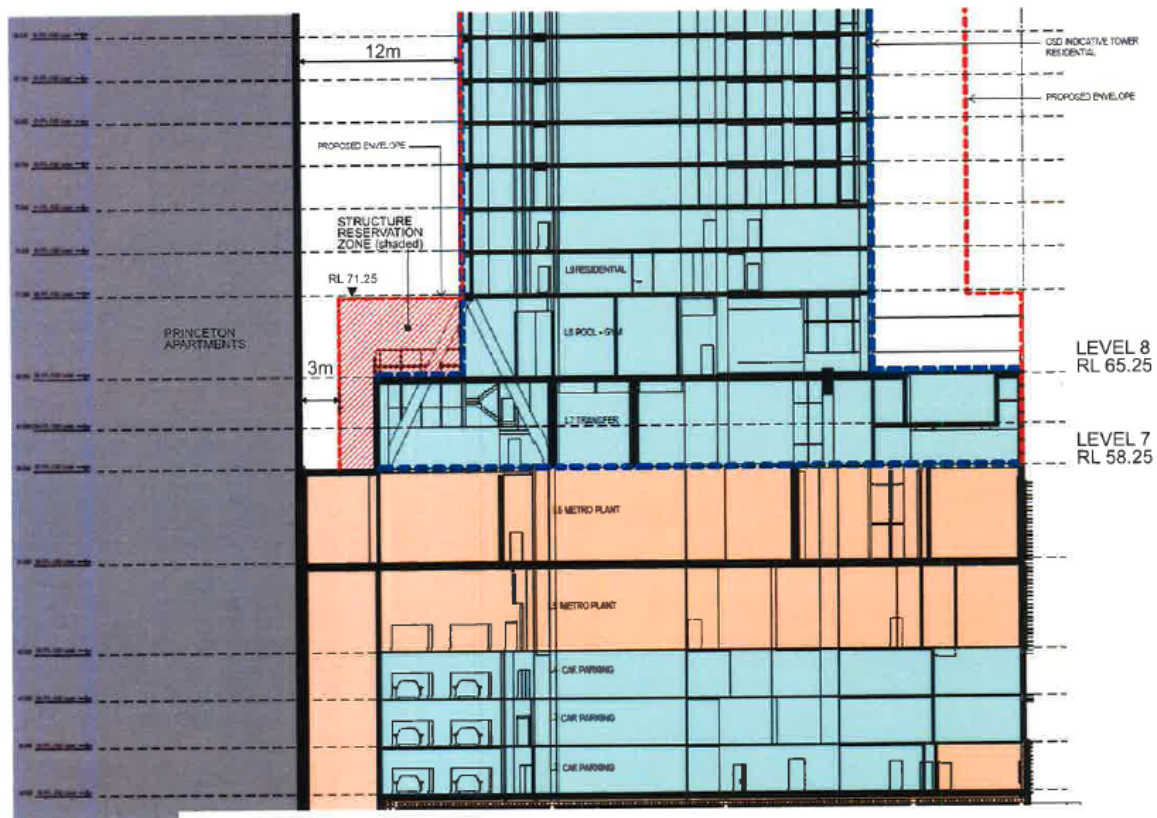
Development consent was granted on 25 June 2019 for the Concept Development Application (SSD 8876) for Pitt Street South OSD including:

- A maximum building envelope, including street wall and setbacks for the over station development.
- A maximum building height of RL165.15.
- Podium level car parking for a maximum of 34 parking spaces.
- Conceptual land use for either one of a residential or commercial scheme (not both). NO maximum Gross Floor Area was approved as part of SSD 8876.

The building envelope approved within the Concept SSD DA provides a numeric delineation between the CCSI Approval “metro box” envelope and the OSD building envelope. As illustrated in the figures below, the delineation line between the two projects is defined at RL 58.25 (Level 7).

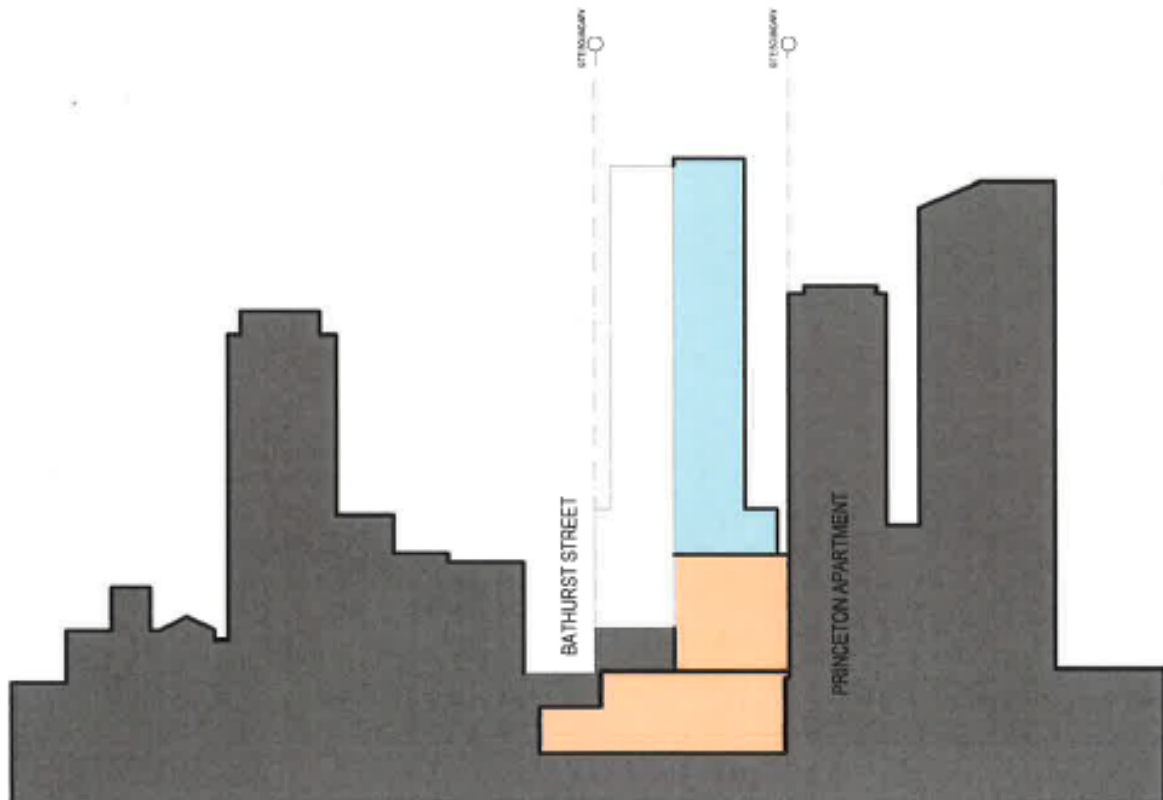
For the purposes of the Detailed (Stage 2) SSD DA, it is noted that while there are two separate planning applications that apply to the site (CCSI and SSD DA), this report addresses the full development across the site to provide contextual assessment.

Figure 05 – Pitt Street South Concept SSD DA – Building Section



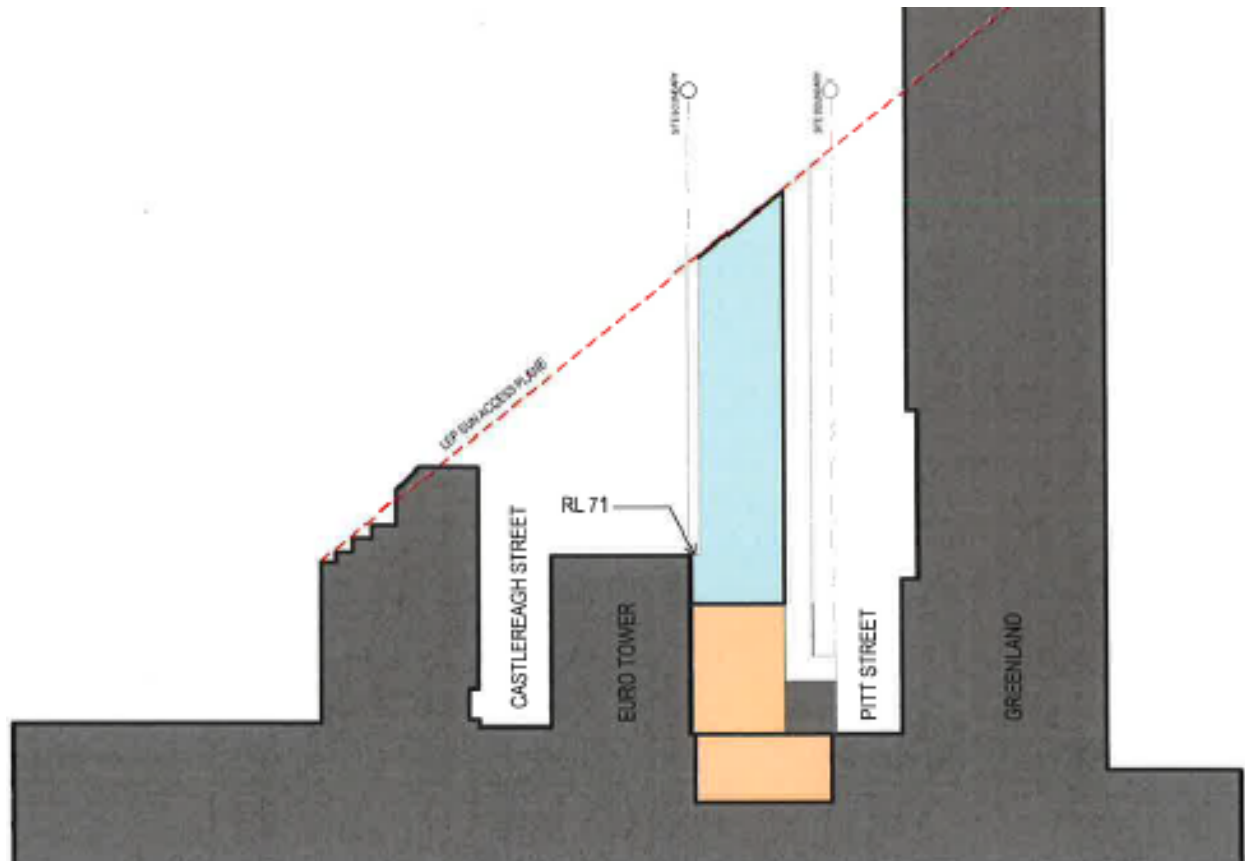
Source: SSD 8876 Concept Stamped Plans

Figure 06 – Pitt Street South Concept SSD DA – North South Section



Source: SSD 8876 Concept Stamped Plans

Figure 07 – Pitt Street South Concept SSD DA – East West Section



2.0 PRELIMINARIES AND SUMMARY

2.1 PRELIMINARIES

This expert opinion report is an analysis and verification of projected **solar access** compliance and overshadowing for the proposal at Pitt Street South Over Station Development.

Our qualifications and experience are summarized in *A.0 APPENDIX A: CREDENTIALS*.

The documents referred to in this report are detailed in *2.1 DOCUMENTS*.

2.2 SUMMARY

2.2.1 SOLAR ACCESS FOR APARTMENTS

To undertake the analysis we received a 3D model from Bates Smart of the proposal located in the surrounding context. We then take half hourly views from the sun (Appendix B), and a detailed compliance table of the scheme is prepared (Appendix C).

119/234 (50.9%) of the dwellings achieve 2 hours or more sunlight to the Living area glazing and Private Open Space (POS) between 9am–3pm on June 21st. This is non-compliant with the relevant ADG design criterion. A detailed explanation can be found in Section 4 of this report.

133/234 (56.8%) of the dwellings achieve 2 hours or more sunlight to the Living area glazing and Private Open Space (POS) between 8am–4pm on June 21st.

42/234 (17.9%) of the dwellings are projected to achieve no sun 9am – 3pm June 21. This is non-compliant with the relevant ADG design criterion. A detailed explanation can be found in Section 4 of this report.

The above numbers are not in strict compliance with Objective 4A-1, but there is a detailed explanation in Section 4.0 of this report. It is our considered opinion that the proposal has optimised the number of apartments receiving sunlight as outlined in the aim of Objective 4A-1.

2.2.2 OVERSHADOWING TO NEIGHBOURING PROPERTIES

Detailed compliance tables can be found in Appendix D, E & F.

Princeton Apartments

The overshadowing impact of the proposal reduces the amount of units receiving 2 hours of solar access to their living room between 9am–3pm from 54/116 (46.6%) down to 6/116 (5.2%), which does not comply with the ADG Design guidance in Objective 3B-2.

If we are to include habitable rooms rather than only looking at living areas, Princeton Apartments would drop from 48.3% compliance from 8am–4pm down to 33.6% which is only a change of 14.7%. **This calculation would be compliant with the Objective 3B-2 of the ADG.**

Century Tower

The overshadowing impact of the proposal reduces the amount of units receiving 2 hours of solar access to their living room between 9am–3pm from 56/296 (18.9%) down to 44/296 (14.9%), which is **compliant with Objective 3B-2 of the ADG.**

Hyde Park Regency

The overshadowing impact of the proposal does not reduce the amount of units receiving 2 hours of solar access to their living room between 9am–3pm. It is 22/132 (16.7%) in both the existing and projected states. This is **compliant with Objective 3B-2 of the ADG.**

3.0 DOCUMENTS AND INFORMATION

3.1 DOCUMENTENTS

We base our analysis and opinion on the following drawings and documents:

- 3D digital model supplied by Bates Smart in Sketchup format:
 - o 200206_Pitt St South Existing_Context_Terrain Princeton & Century & 281 Elizabeth St.skp
 - o 200206_Pitt St South Proposed_Context_Terrain Princeton & Century & 281 Elizabeth St.skp
 - o 2018-08-09_CoS_Model.skp
- Proposed Drawings by Bates Smart
 - o PSS_OSD_Elevations_191220
 - o PSS_OSD_Tower Plans_191220
- Princeton Apartment Drawings – 304 Pitt St Sydney
 - o 1993_0363-01.pdf
 - o 1993_0363-02.pdf
 - o 1993_0363-03.pdf
 - o 1993_0363-04.pdf
 - o 1993_0363-05.pdf
 - o 1993_0363-06.pdf
- Hyde Park Regency Drawings – 281 Elizabeth St Sydney
 - o 1994_0699-01.pdf
 - o 1994_0699-02.pdf
 - o 1994_0699-03.pdf
 - o 1994_0699-04.pdf
 - o 1994_0699-05.pdf
 - o 1994_0699-06.pdf
 - o 1994_0699-07.pdf
 - o 1994_0699-08.pdf
- Century Tower – 343-359 Pitt St Sydney
 - o Part 15.pdf
- Bates Smart 'PROPOSED OVERSHADOWING PLANS' Revision B.
 - o SMCSWSPS-BAT-OSS-AT-DWG-940041 to 940341

3.2 SEARS

The following SEARS have been addressed in our report.

Condition Type: MOD SEARS DC EXTRA	DC or SEARS Reference Number	Title of SEARS/ SSDA Category	Full description from SEARS or Development Consent Doc.	Walsh ² Analysis Response
SEARS	5	Visual and Amenity Analysis (Solar Analysis)	Provide: a) a solar access and overshadowing analysis, comparing the overshadowing impacts of the proposal to: i) the existing situation, ii) the SLEP 2012 - Sun Access Plane, and iii) the approved envelopes at hourly intervals in mid-summer, mid-winter, 14 April and 31 August, and having regard to the impact of the proposal on solar access to Hyde Park. b) solar access analysis report and diagrams: i) including existing and proposed SEPP 65 and ADG compliance tables for all affected neighbouring residential apartment buildings ii) Hyde Park: half hourly shadow diagrams from 12pm to 3pm for 21st of each month of the year, showing existing and proposed scenarios. iii) Documentation in plan and section of the Sydney Local Environmental Plan 2012 Sun Access Planes as defined in Cl 6.17 (10). The plans and sections should be prepared in consultation with and verified by the City of Sydney Council, and show coordinates X and Y, and horizontal bearing B and vertical angle V.	We have provided Views from the Sun in Appendix B for June 21 for the existing and proposed buildings at half hourly intervals from 8am until 4pm. Additionally, we have provided Views from the Sun in Appendix F for the proposed state in on June 21, September 21 and December 21 (factoring in Daylight savings) in half hourly intervals from 12pm until 4pm which is the worst effected time. We have undertaken an analysis against objective 4A-1 as shown in Part 4 of the report and Appendix C. We have also undertaken compliance tables for the neighbouring residential apartment buildings to show compliance with Objective 3B-2 of the ADG. This is shown in part 5 of the report and Appendix D, E and F. SLEP 2012 Sun Access Plane is covered off by the Architects Bates Smart in the form of an electronic model being provided to City of Sydney.
SEARS	15	Plans and Documents Solar Access Analysis	Solar access analysis report and diagrams: a) including existing and proposed SEPP 65 and ADG compliance tables for all affected neighbouring residential flat buildings b) Hyde Park: half hourly shadow diagrams from 12pm to 3pm for 21st of each month of the year, showing existing and proposed scenarios	We have undertaken an analysis against objective 4A-1 as shown in Part 4 of the report and Appendix C. We have also undertaken compliance tables for the neighbouring residential apartment buildings to show compliance with Objective 3B-2 of the ADG. This is shown in part 5 of the report and Appendix D, E and F. We have provided Views from the Sun in Appendix B for June 21 for the existing and proposed buildings at half hourly intervals from 8am until 4pm which is the worst effected time. We have provided Views from the Sun in Appendix F for the proposed state in on June 21, September 21 and December 21 (factoring in Daylight savings) in half hourly intervals from 12pm until 4pm. Bates Smart have provided existing and proposed plans for 8:30am-4pm on June 21 and September 21.

4.0 SOLAR ACCESS

4.1 RELEVANT SOLAR ACCESS STANDARDS

4.1.1 APARTMENT DESIGN GUIDE

The *Apartment Design Guide (ADG)* gives effect to SEPP65 for assessing solar access and other amenity provisions and gives the following quantified recommendations:

Objective 4A-1	
To optimise the number of apartments receiving sunlight to habitable rooms, primary windows and private open space	
Design criteria	
1.	Living rooms and private open spaces of at least 70% of apartments in a building receive a minimum of 2 hours direct sunlight between 9 am and 3 pm at mid winter in the Sydney Metropolitan Area and in the Newcastle and Wollongong local government areas
2.	In all other areas, living rooms and private open spaces of at least 70% of apartments in a building receive a minimum of 3 hours direct sunlight between 9 am and 3 pm at mid winter
3.	A maximum of 15% of apartments in a building receive no direct sunlight between 9 am and 3 pm at mid winter

Given the significant constraints of external overshadowing to which the site is subject, it is relevant to pay regard to *Design guidance* under the same objective:

Design guidance
Achieving the design criteria may not be possible on some sites. This includes: <ul style="list-style-type: none">- where greater residential amenity can be achieved along a busy road or rail line by orientating the living rooms away from the noise source- on south facing sloping sites- where significant views are oriented away from the desired aspect for direct sunlight Design drawings need to demonstrate how site constraints and orientation preclude meeting the design criteria and how the development meets the objective

4.1.2 LOCAL CONTROLS

We note that **Solar access (6.1) Design criteria** in the ADG are *discretionary controls* which, by virtue of Cl. 6A of SEPP65, take precedence over controls contained in Councils' DCPs.

In quantifying the compliance for solar access for this application, we rely on satisfying the ADG as also satisfying the DCP.

4.2 PREDICTED SOLAR ACCESS: METHODOLOGY

We employ the following analysis methodology.

4.2.1 3D DIGITAL MODEL

For a detailed analysis of overshadowing and solar access, we refer to a 3D model that has been provided by Bates Smart. A SketchUp file was sent to us on the 13/02/2020 named “200206_Pitt St South Proposed_Context_Terrain Princeton & Century & 281 Elizabeth St.skp”. Subsequent files were also sent which included further details. These models were “200206_Pitt St South Existing_Context_Terrain Princeton & Century & 281 Elizabeth St.skp” and “2018-08-09_CoS_Model.skp”.

4.2.2 MODEL LOCATION

We have independently geo-located the model and verified the direction of North, by reference to the cadastral grid north.

4.2.3 ACCURACY OF THE MODEL

From the model, we have summarily checked topographical and building dimensions that might otherwise give rise to any errors, by reference to figured RL dimensions. We have also investigated the model to ensure buildings currently under construction have been included. We cannot independently warrant the model dimensions, but we feel confident to rely on the general accuracy of the modelling.

4.2.4 VIEWS FROM THE SUN

The SketchUp software prepares the shadow projections by reference to accurate solar geometry. Because of the complexity of demonstrating the quantification of solar access to glazing and private open space of various orientations, our detailed analysis was performed primarily by using projections known as ‘**View from the Sun**’ taken at half hourly intervals.

A view from the sun shows all sunlit surfaces at a given time and date. It therefore allows a very precise count of sunlight hours on any glazing or horizontal surface, with little or no requirement for secondary calculations or interpolation. The technique is illustrated in Figure 1.

Note that a ‘view from the sun’ by definition does not show any shadows.

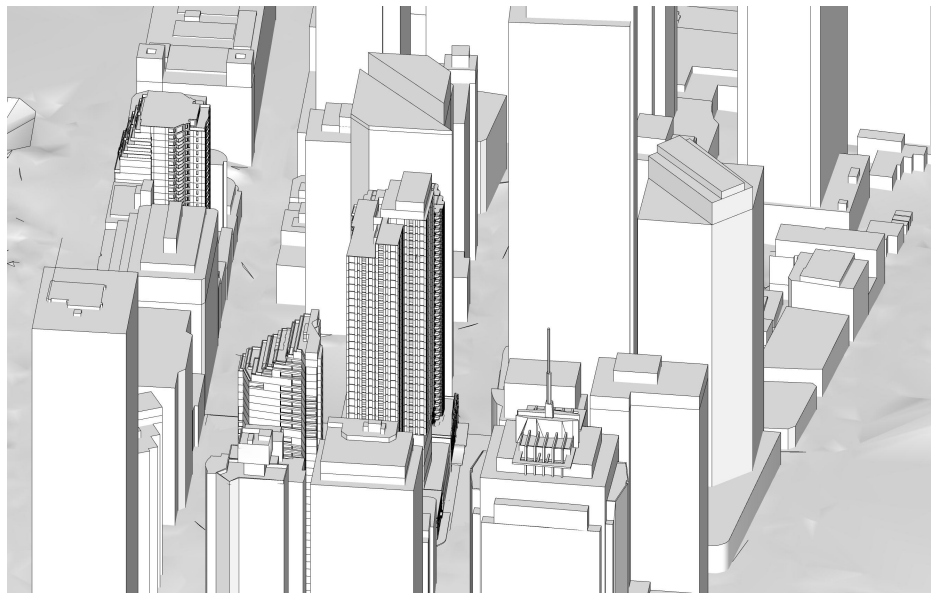


Figure 08: View from the sun, 12pm June 21

4.3 CHARACTERISATION OF SOLAR ACCESS COMPLIANCE

4.3.1 SUN PATCHES ON GLAZING

For the purpose of calculating the compliance with the control, we examine sun patches on the relevant glazing line of each apartment. Because of its key importance in the determination of what is 'effective sunlight' for characterisation of compliance for both glazing and private open space, we refer specifically to the relevant L+EC Planning Principle (The Benevolent Society v Waverley Council [2010] NSWLEC 1082) in that:

- We quantify as complying all sun patches of 'reasonable size', which we generally take to be a minimum of approximately 1m².
- We ignore very large angles of incidence to the glazing surface, and unusably small areas of sunlit glazing.

There is no accepted standard for the absolute limit of acceptable area of the sun patch on partly shaded glazing. In accordance with the Court's Planning Principle, we consider this to be approximately 1m² (on the basis that it exceeds 50% of the area of a standard window 1500 x 1200 high which would normally be accepted as complying).

4.3.2 TIMING OF ACCEPTABLE SUN ACCESS

The orientation of the site gives rise to a building with some single aspect apartments oriented to the east and west. Limitation may also occur due to the extensive external shading of the site by surrounding developments.

However, by modelling a large enough context for the site, it can be demonstrated where such apartments will receive additional effective direct winter sun either earlier than 9am or later than 3pm respectively.

Explanation:

The 9am and 3pm limits are a legacy from early controls for single dwellings in Arcadian suburban settings where the desired mature tree canopied character was assumed to limit the likely ongoing availability of winter sun beyond those times. In our considered opinion, to apply those limits without reference to the availability of earlier and later sun is inappropriate, and this opinion has consistently had the support of the Land and Environment Court.

In relation to this interpretation of the RFDC/ADG performance objectives, we refer specifically to the judgment by Brown C. in the matter of *Botany Development Pty Ltd v Botany Council* LEC 10360 of 2013, at paras. 79 through 87.

We have therefore quantified sun from 8am and until 4pm. We note that in general, for the relevant east glazing these earlier periods of winter sun are actually the most effective, because the sun penetrates more deeply into the apartment.

4.3.3 SUN TO BEDROOMS

Periods of sun available to bedrooms contribute significantly to the amenity of any apartment that may have an otherwise unfavourably oriented or overshadowed living area. This characterisation is consistent with the interpretation of the *BenSoc Principle* (and its predecessor *Parsonage Principle*) as previously accepted by the Land and Environment Court, and by various Councils.

*That said, in evaluating this development, we **do not** rely on periods of sun to bedrooms in lieu of living areas to characterise apartments as complying with the ADG Design criterion.*

5.0 PREDICTED SOLAR ACCESS

5.1 PREDICTED SOLAR ACCESS OF APARTMENTS

Table 1 below summarises the projected solar access for the living area glazing and private open space of the residential dwelling units for Pitt St South Over Station Development. Appendix C records the detailed solar access for individual apartments.

Total number of units	234	
Units which achieve 2 hours or more sunlight to living glazing and POS 9am – 3pm June 21	119	50.9%
Units which achieve 2 hours or more sunlight to living glazing and POS 8am – 4pm June 21	133	56.8%
Units with no sun between 9am and 3pm June 21	42	17.9%

Table 1: Summary of solar access for amended DA scheme

Whilst the ADG Design criterion recommendations of minimum 70% solar access to apartments and maximum 15% of apartments with no sun is NOT met in the current proposal, without the recently approved DA's, the development would have full compliance with the ADG Objective 4A-1.

To properly consider the shortfall from the ADG Design criterion recommendation, one has to be mindful of:

- The explicit design guidance in the ADG, which now explicitly acknowledges that on some sites full compliance with the deemed to satisfy Design criterion may not be possible.
- The interpretation by the Land and Environment Court where the controls are applied to a site with constraints on the achievable solar access.
- The reasonable expectation of compliance achieved after allowing for the overshadowing impact of existing surrounding developments – particularly in areas undergoing significant change.
- The aim of the Objective 4A-1 is “To optimise the number of apartments receiving sunlight to habitable rooms, primary windows and private open space”; which this development achieves the aim of the objective.

We believe this development does achieve the aim of the objective as Bates Smart have located internal living areas and POS on the east and west facades to maximise their solar exposure. Bates Smart have recessed bedrooms away from the façade so that the maximum solar exposure is to the living areas as noted above. There are also no single south facing units, meaning that the units in the no sun category are because of overshadowing to the site which prevents units from Level 21 and below from receiving any sun. **Due to all of the above points, it is our considered opinion that the proposal has optimised the number of apartments receiving sunlight as outlined in the aim of Objective 4A-1.**

6.0 OVERSHADOWING IMPACT ON NEIGHBOURING PROPERTIES

The same views from the sun employed for the solar access analysis for the subject site are also the most effective technique for identifying potential overshadowing impacts for neighbouring properties.

6.1 POTENTIALLY AFFECTED PROPERTIES

A list of potentially affected properties was identified early in the process to ensure that a GIPA request could be made for the floor plans of each building. There were four buildings identified in that process:

1. Princeton Apartments - 304 Pitt St Sydney
2. Century Towers - 343-359 Pitt St Sydney
3. Regency Towers - 281 Elizabeth St Sydney

6.2 APPLICABLE CONTROL

5.2.1 The ADG provides a test for acceptable additional overshadowing impact on adjacent multi-residential properties:

<i>Objective 3B-2</i>
Overshadowing of neighbouring properties is minimised during mid winter
<i>Design guidance</i>
Living areas, private open space and communal open space should receive solar access in accordance with sections 3D Communal and public open space and 4A Solar and daylight access
Solar access to living rooms, balconies and private open spaces of neighbours should be considered
Where an adjoining property does not currently receive the required hours of solar access, the proposed building ensures solar access to neighbouring properties is not reduced by more than 20%

6.3 PRINCETON APARTMENTS

This building is situated immediately to the south of the proposed site and can be expected to be most impacted by any additional shadows from any proposed building on the subject development site. We undertook the detailed quantification of the present and projected solar access status of individual apartments.

Appendix D reports the full table of direct sun access for all individual apartments in Princeton Apartments, and highlights the periods of loss of sun exposure for individual apartments due to the overshadowing.

Table 2 below summarises the existing and projected solar access status for Princeton Apartments.

	EXISTING	PROJECTED	CHANGE
>2 hrs 9-3 Living	54 / 116 = 46.6%	6 / 116 = 5.2%	41.4%
>2 hrs 8-4 Living	56 / 116 = 48.3%	24 / 116 = 20.7%	27.6%
>2 hrs 8-4 Habitable	56 / 116 = 48.3%	39 / 116 = 33.6%	14.7%
No sun	19 / 116 = 16.4%	31 / 116 = 26.7%	10.3%

Table 2: Summary of Overshadowing to Princeton Apartments

The overshadowing impact of the proposal reduces this proportion to 6/116 (5.2%), which clearly cannot be said to simply conform with the ADG Design guidance.

We observe that the ADG is a guideline document, not a statutory standard, and is to be applied with discretion. In contextualising the apparently large overshadowing impact on the Princeton Apartments, we pay regard to the following considerations:

- The proposed building envelope is a relatively slim tower form.
- The overshadowing impact on Princeton Apartments is effectively insensitive to the height of the proposal.
- Previous studies for the subject site were carried out by Steve King which looked at the overshadowing impact on the Princeton Apartments if this building had different setbacks. It was determined that Princeton Apartments compliance is only marginally sensitive to the size of the setback on the eastern boundary, and insensitive to the setback on the western boundary.

If we are to include habitable rooms in the figures, Princeton Apartments would drop from 48.3% compliance from 8am-4pm down to 33.6% which is only a change of 14.7%. This calculation would be compliant with the Objective 3B-2 of the ADG.

6.4 CENTURY TOWER

Century Tower is located to the South West of the proposed development. Due to this, it is only overshadowed from 8am until just after 10am. It is immediately apparent that the overshadowing impact from the proposal is relatively small. The simple explanation is that overshadowing impact on Century Tower is dominated by the Greenland Centre immediately to its north, and in the later afternoon by existing buildings to the north-west. We undertook the detailed quantification of the present and projected solar access status of individual apartments.

Appendix E reports the full table of direct sun access for all individual apartments in Century Towers, and highlights the periods of loss of sun exposure for individual apartments due to the overshadowing.

Table 2 below summarises the existing and projected solar access status for Century Towers.

	EXISTING	PROJECTED	CHANGE
>2 hrs 9-3 Living	56 / 296 = 18.9%	44 / 296 = 14.9%	4.0%
>2 hrs 8-4 Living	91 / 296 = 30.7%	73 / 296 = 24.7%	6.0%
No sun	93 / 296 = 31.4%	93 / 296 = 31.4%	0%

Table 3: Summary of Overshadowing to Century Towers

The projected overshadowing impact of the development proposal is quite small. This equates to a loss of only 4.0% across the whole development which is **compliant with Objective 3B-2 of the ADG**.

6.5 HYDE PARK REGENCY

Hyde Park Regency is located to the South East of the proposed development. It is only overshadowed from 1pm until just after 2pm. We undertook the detailed quantification of the present and projected solar access status of individual apartments. What this table demonstrates is that there is no change to overall compliance figures. The only change due to the overshadowing is that 7 apartments which received 15 minutes of sun now have that removed. This represents 5.3% of the whole building.

Appendix F reports the full table of direct sun access for all individual apartments in Hyde Park Regency, and highlights the periods of loss of sun exposure for individual apartments due to the overshadowing.

Table 4 below summarises the existing and projected solar access status for Hyde Park Regency.

	EXISTING	PROJECTED	CHANGE
>2 hrs 9-3 Living	22 / 132 = 16.7%	22 / 132 = 16.7%	0%
>2 hrs 8-4 Living	25 / 132 = 18.9%	25 / 132 = 18.9%	0%
No sun	18 / 132 = 13.6%	25 / 132 = 18.9%	5.3%

Table 4: Summary of Overshadowing to Hyde Park Regency

The projected overshadowing impact of the development proposal is quite small. There is no loss in any complying apartments; therefore, there is a loss of 0% across the whole development **which is compliant with Objective 3B-2 of the ADG.**

7.0 HYDE PARK

7.1 OVERSHADOWING OF HYDE PARK

We have investigated the overshadowing of Hyde Park and shown all the Views from the Sun from 12pm to 4pm on June 21, September 21 and December 21 in Appendix F. This covers off the winter and summer solstice as well as the spring equinox.

During December 21, the proposed building does not overshadow Hyde Park at any time between 12pm–4pm. It can be concluded that there is no impact to Hyde Park at this time.

During September 21, there is no overshadowing of Hyde Park until 2:30pm. At 2:30pm, majority of the shadow is cast onto Telstra House at 229–249 Elizabeth St, with approximately 30m² additional overshadowing Hyde Park. The location is shown below in a red circle. By 3pm, there is a small amount of shadowing going beyond the roof of Telstra Tower, resulting in Hyde Park having an additional shadow that is approximately 3m wide and 25m long. The location is shown in the below image in blue. It should be made clear that the overshadowing amount to Hyde Park is **less** than that of the Stage 1 proposed envelope and as such this amount of overshadowing has been foreseeable.

During June 21 there is also some overshadowing impact on Hyde Park. At 2:30pm, there is less than 10m² of overshadowing onto Meseum station in Hyde Park. After 2:30, the overshadowing increase until 3pm where there is an overshadowing triangle of approximately 125m². The location is shown below in a yellow circle.

To review these areas in more depth, it is best to review the Views from the Sun in Appendix B rather than F for June 21. After reviewing the impact of June 21 between 12pm–3pm, it is our considered opinion the degree of overshadowing impact should be considered foreseeable and reasonable given that it is **less** than that of Stage 1 DA.



Figure 09: Aerial View of Hyde Park (Image from Google Maps)

8.0 CONCLUSIONS

8.1 SOLAR ACCESS FOR APARTMENTS

8.1.1 ADG COMPLIANCE

The ADG *Design criteria* recommend a minimum of 70% of apartments should have the amenity of two hours winter sun between 9 AM and 3 PM. If certain criteria are met, then we can look at the two hours of sun between 8 AM and 4 PM.

19/234 (50.9%) of the dwellings are projected to achieve 2 hours or more sunlight to glazing and POS 9am – 3pm June 21.

133/234 (56.8%) of the dwellings are projected to achieve 2 hours or more sunlight to glazing and POS 8am – 4pm June 21.

42/234 (17.9%) of the dwellings are projected to achieve no sun 9am – 3pm June 21.

Whilst the numbers do not meet the ADG Design Criteria, we need to look at the aim of the Objective 4A-1 to see if it has been satisfied. The aim is “To optimise the number of apartments receiving sunlight to habitable rooms, primary windows and private open space”. We believe this development does achieve the aim of the objective as they have located living areas on the east and west facades to maximise the solar exposure. There is also no single south facing units meaning that the units in the no sun category are because of overshadowing to the site which prevents units from Level 21 and below from receiving any sun. Prior revisions of the model had lower compliance figures, but Bates Smart did adjust some apartments to achieve a higher compliance. Due to all of the above points, it is our considered opinion that **the proposal has optimised the number of apartments receiving sunlight as outlined in the aim of Objective 4A-1.**

8.2 OVERSHADOWING OF PRINCETON APARTMENTS

The overshadowing impact of the proposal reduces the amount of units receiving 2 hours of solar access to their living room between 9am-3pm from 54/116 (46.6%) down to 6/116 (5.2%), which does not comply with the ADG Design guidance in Objective 3B-2.

We observe that the ADG is a guideline document, not a statutory standard, and is to be applied with discrimination. Previous studies for the subject site were carried out by Steve King which looked at the overshadowing impact on the Princeton Apartments if this building had different setbacks. It was determined that Princeton Apartments compliance is only marginally sensitive to the size of the setback on the eastern boundary, and insensitive to the setback on the western boundary.

If we are to include habitable rooms rather than only looking at living areas, Princeton Apartments would drop from 48.3% compliance from 8am-4pm down to 33.6% which is only a change of 14.7%. **This calculation would be compliant with the Objective 3B-2 of the ADG.**

8.3 OVERSHADOWING OF CENTURY TOWER

The overshadowing impact of the proposal reduces the amount of units receiving 2 hours of solar access to their living room between 9am-3pm from 56/296 (18.9%) down to 44/296 (14.9%), which is **compliant with Objective 3B-2 of the ADG.**

8.3 OVERSHADOWING OF HYDE PARK REGENCY

The overshadowing impact of the proposal does not reduce the amount of units receiving 2 hours of solar access to their living room between 9am-3pm. It is 22/132 (16.7%) in both the existing and projected states. This is **compliant with Objective 3B-2 of the ADG.**

Walsh² Analysis provides opinion based services primarily in relation to analysis and reporting of solar access and overshadowing compliance of multi residential projects.

Scott Walsh is a Director of Walsh² Analysis. He developed his specialised expertise under Steve King, a well-known expert in the field.

Scott started working for Steve King in 2011 as a tutor of Environmental Design at the University of New South Wales. From 2013 Scott has contracted to Steve King to undertake modelling and numerical analysis of solar access to large apartment projects. Over a number of years Scott contributed significantly to fine-tune the way the analysis was undertaken, and assisted in providing to the architects feedback in regards to areas that could be adjusted to improve solar access.

Scott holds a Masters of Architecture from the University of New South Wales as well as a Bachelor of Architecture. He is a registered architect in New South Wales (10366) and the Australian Capital Territory (2624) and a director of Walsh² Architects.

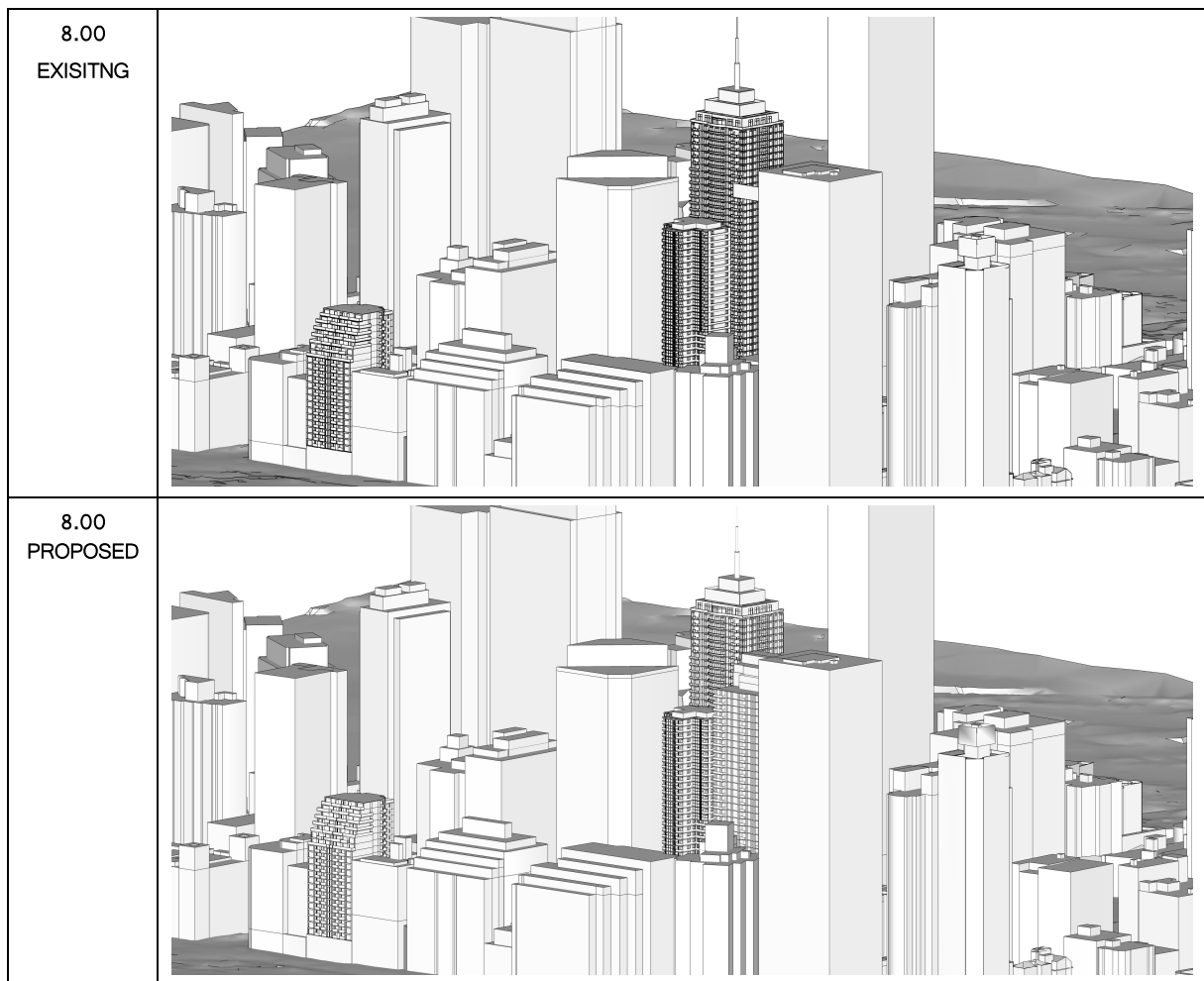
Stewart Cowan holds a Masters of Architecture at University of Technology Sydney. Stewart also assisted Steve King in undertaking modelling and numerical analysis work from early 2015.

Steve King:

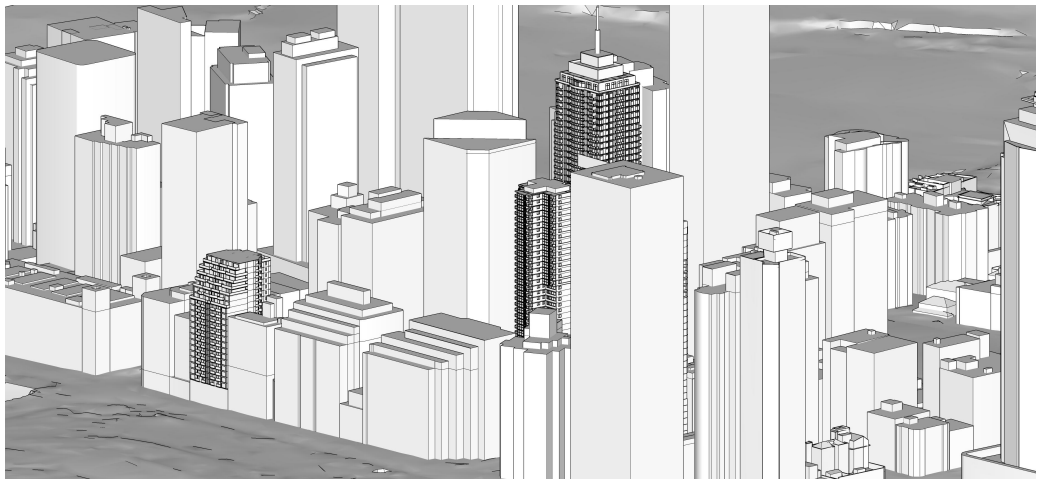
I am pleased to provide my commendation and support for Walsh² Analysis. Scott and Stewart have undertaken solar access and overshadowing analysis of over 150 apartment buildings from as small as 10 units up to over 1000 units. I have relied on their technical expertise and accuracy to provide advice to architects, planners and to the Land and Environment Court, including independent third-party peer review of others' characterisation and reporting of compliance.

B.0 APPENDIX B: VIEWS FROM THE SUN

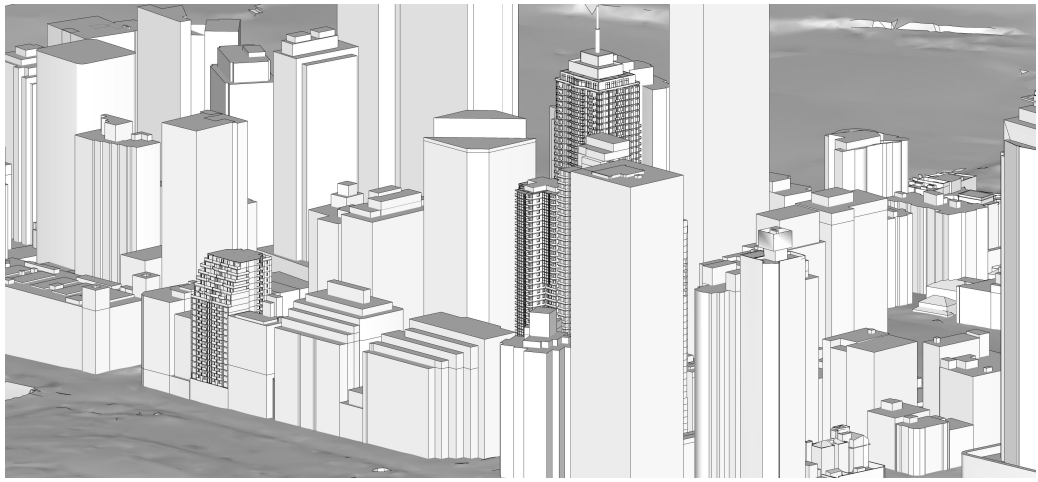
The table shows half-hourly views of solar access projections for **June 21**.



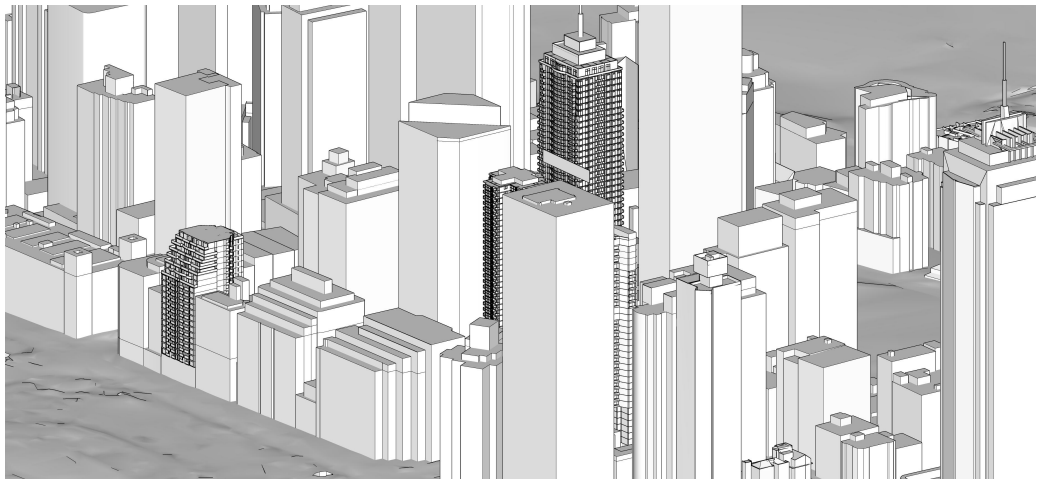
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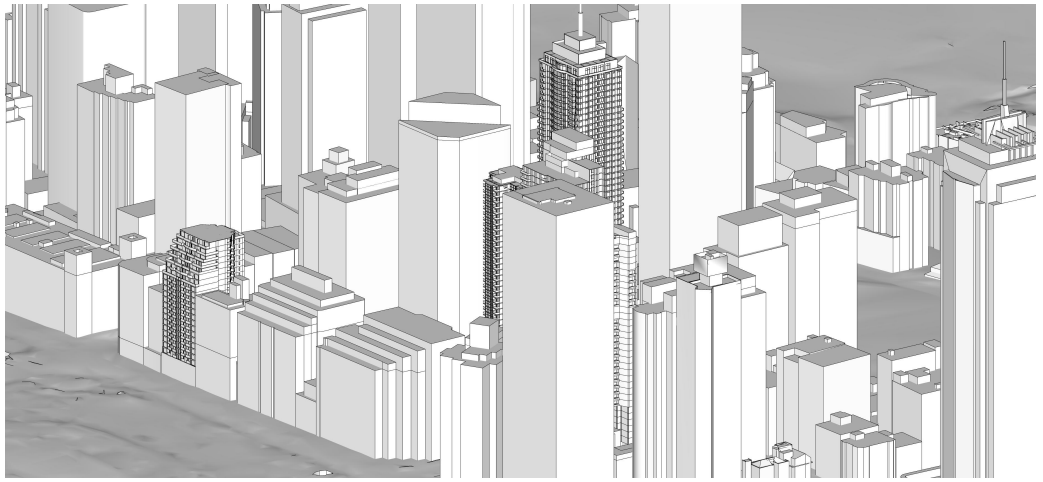
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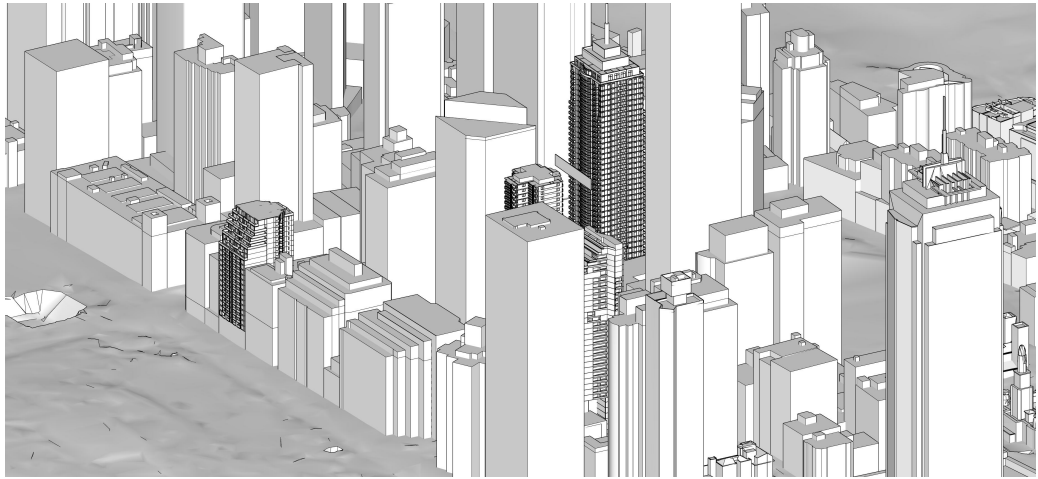
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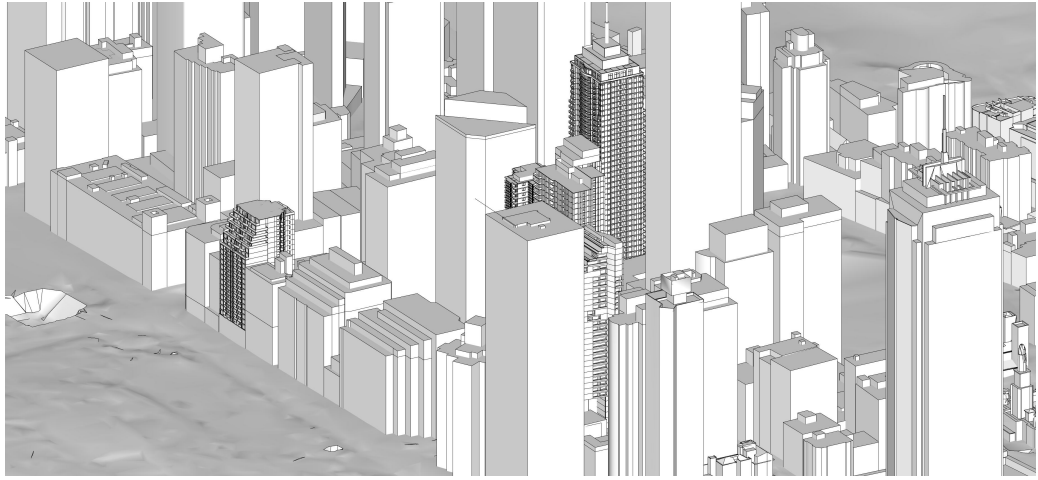
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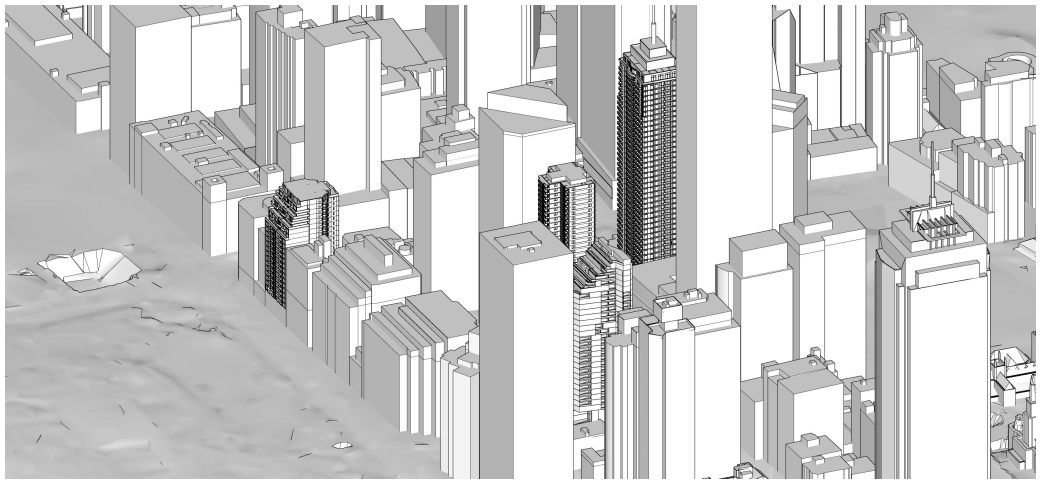
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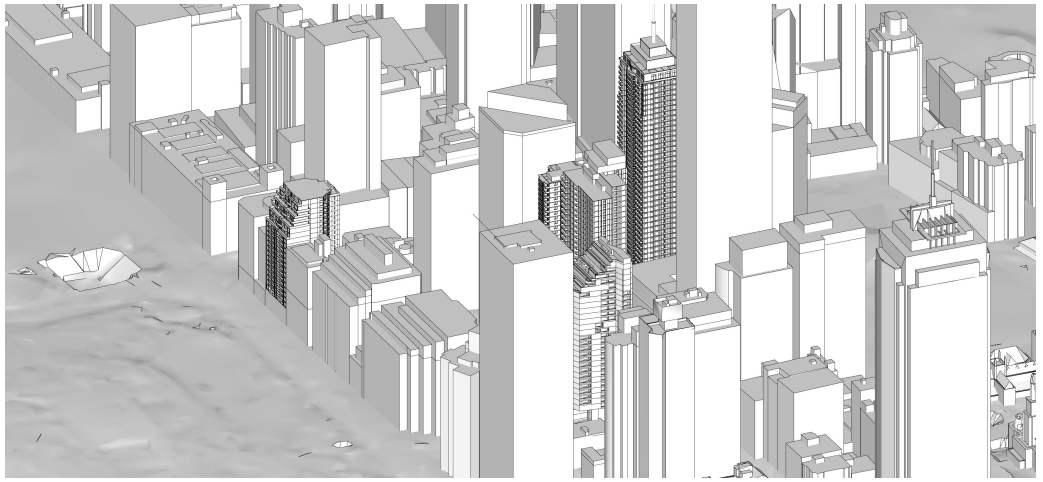
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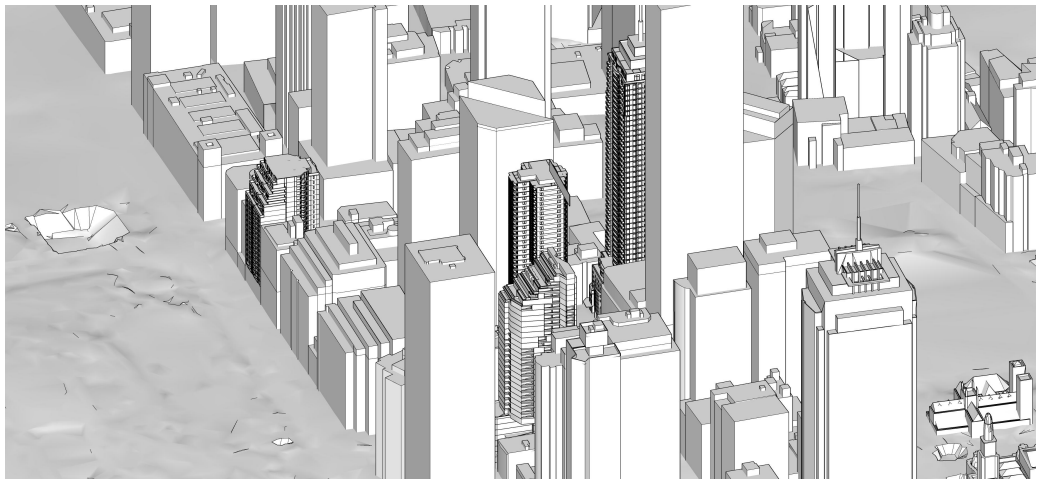
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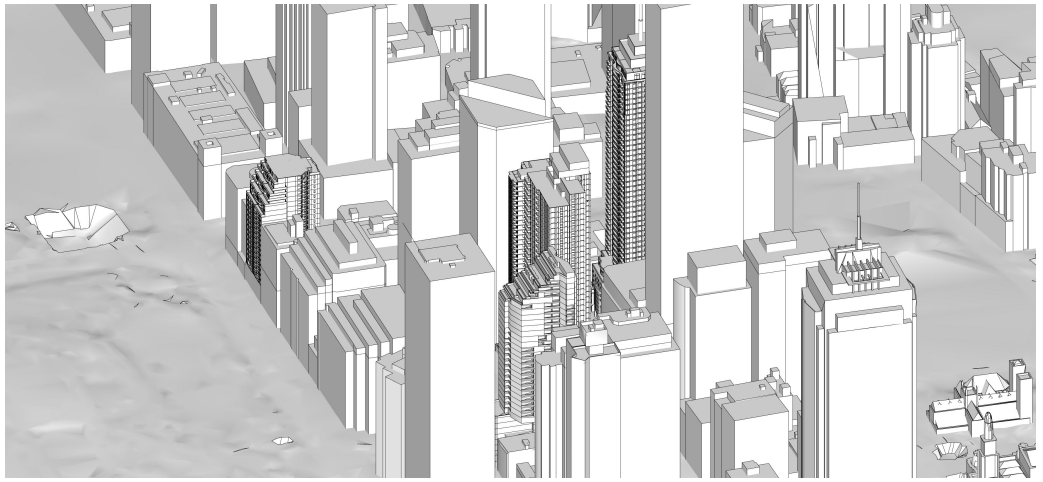
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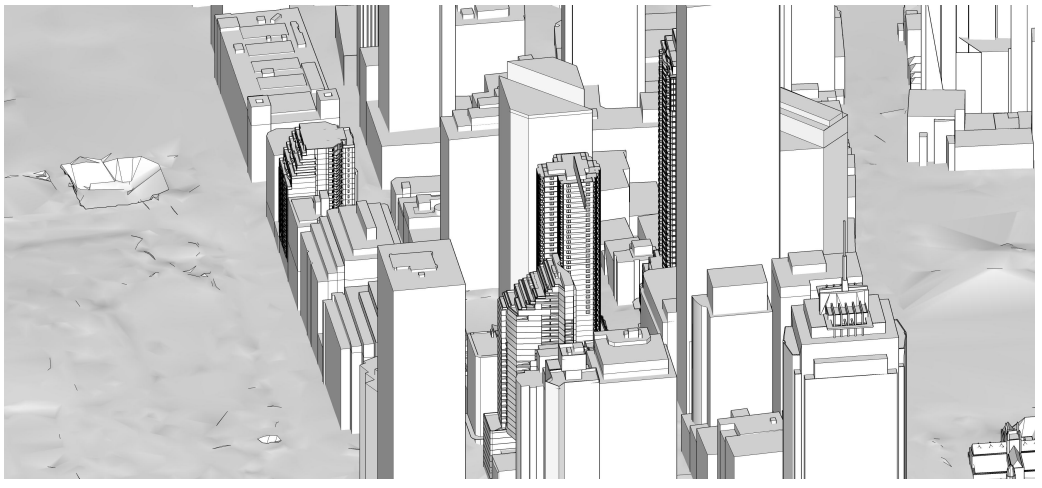
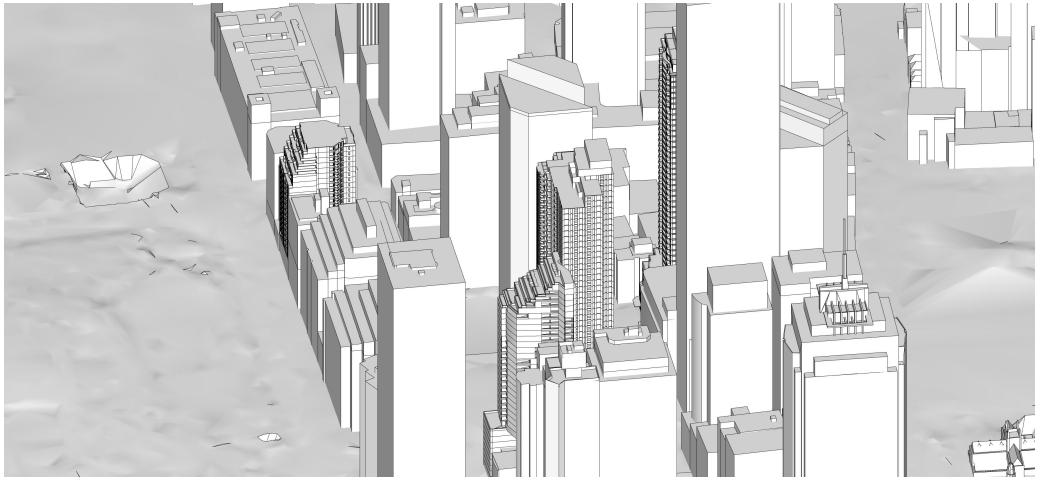


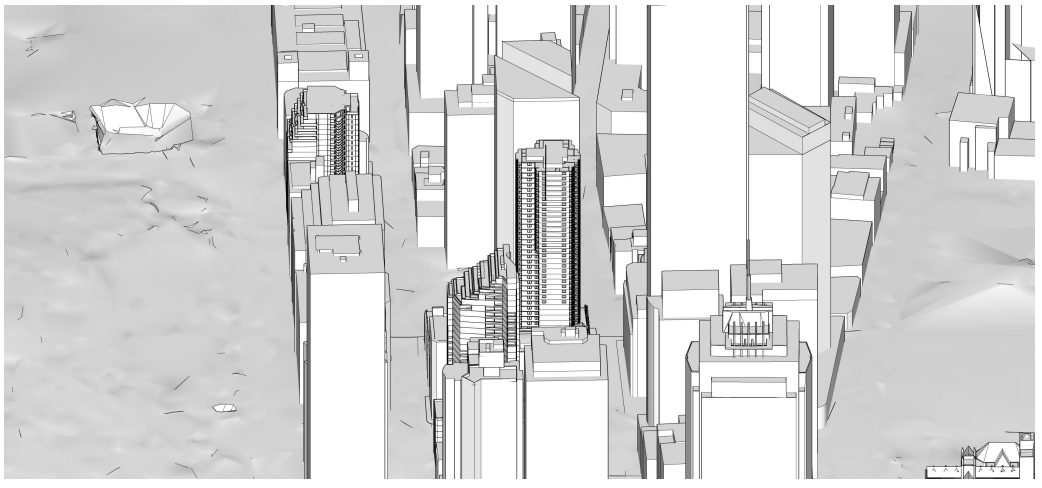
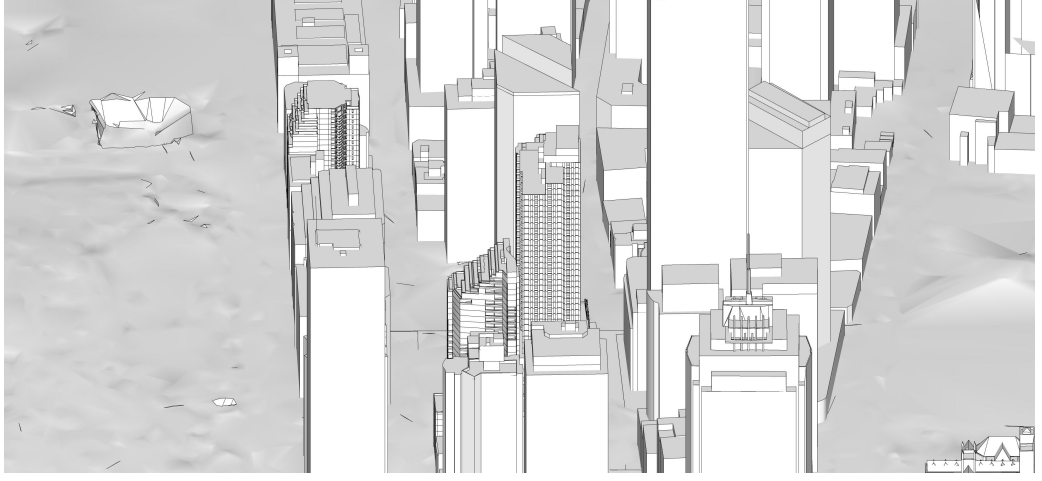
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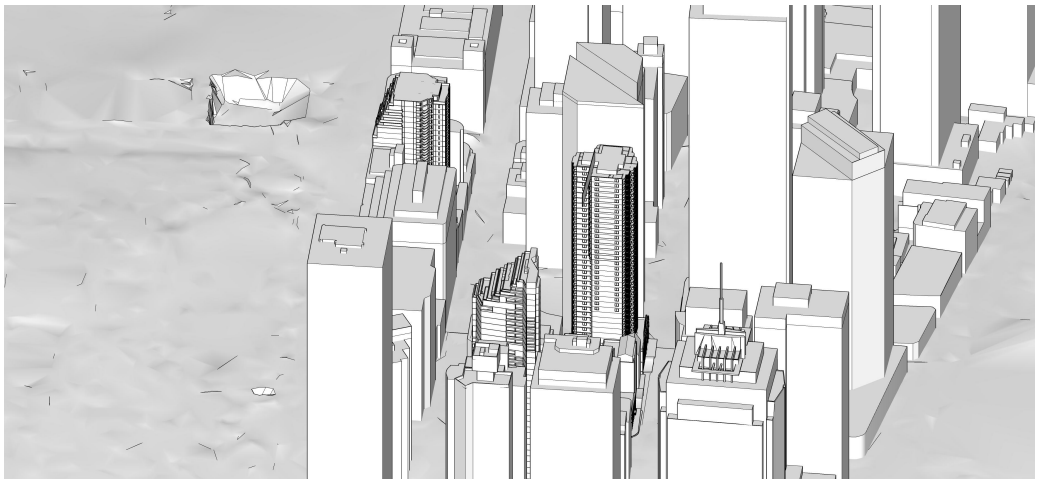
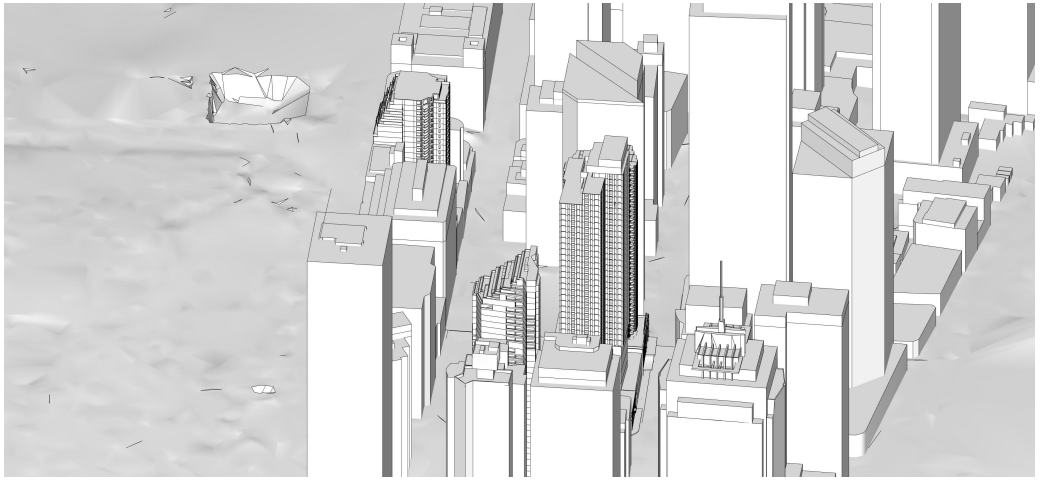


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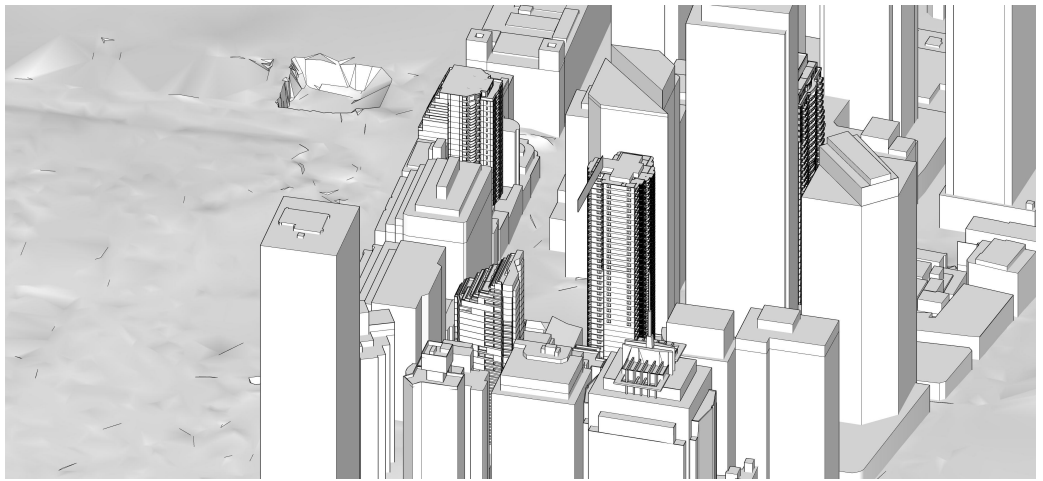


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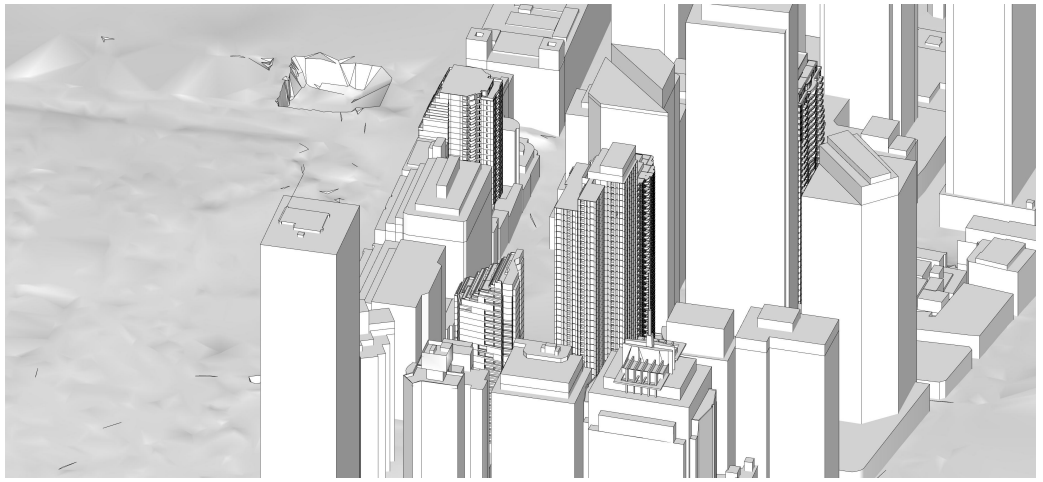
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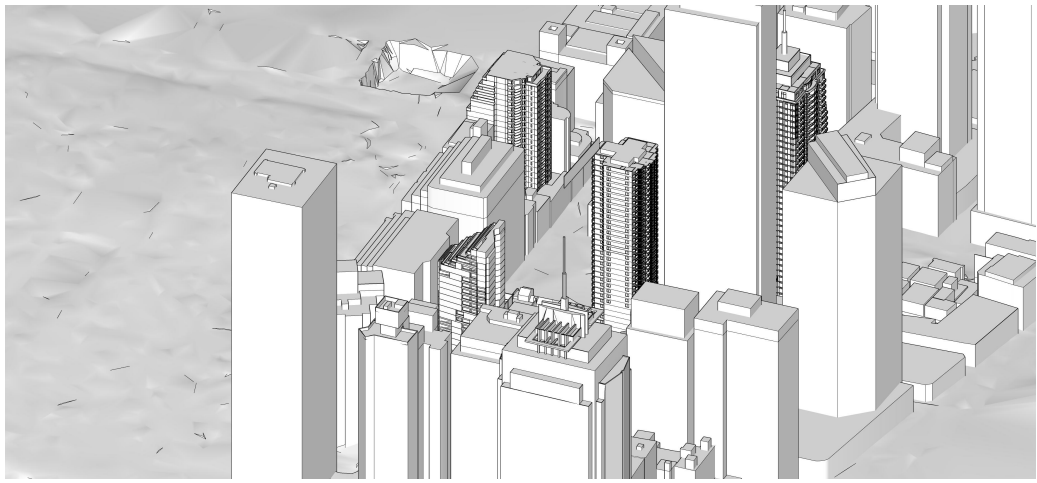
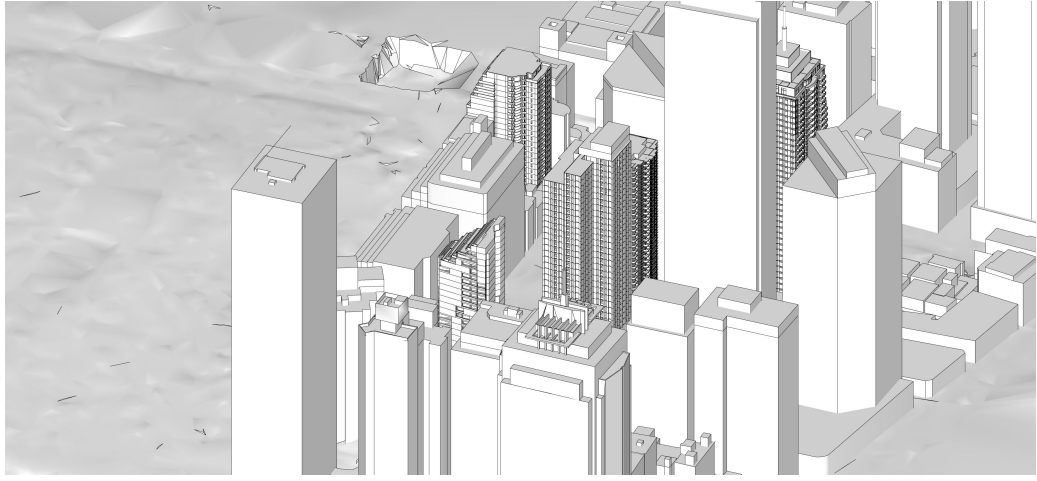
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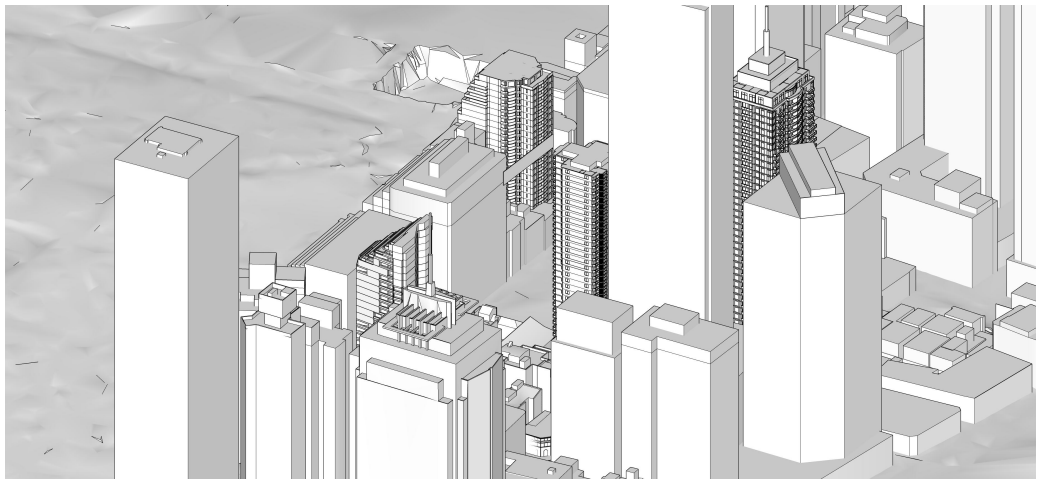


12.30
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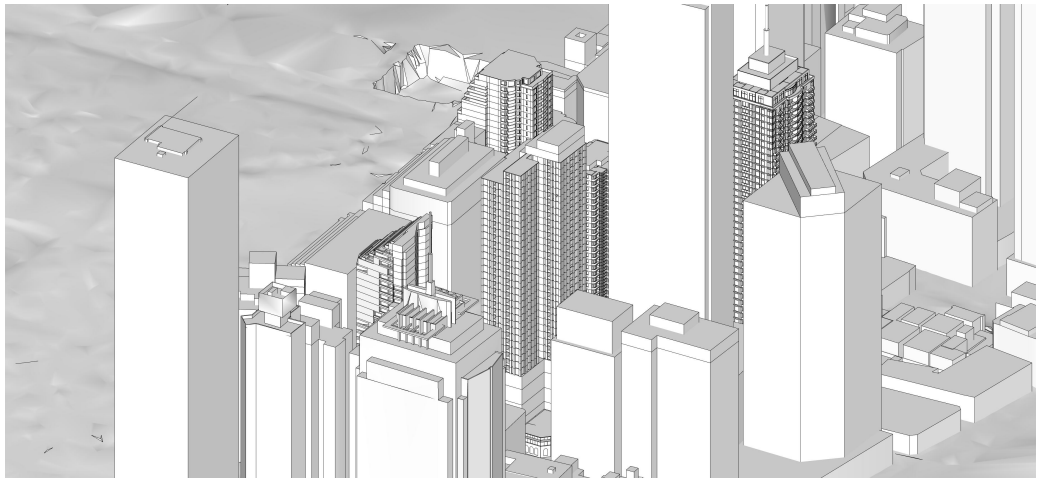


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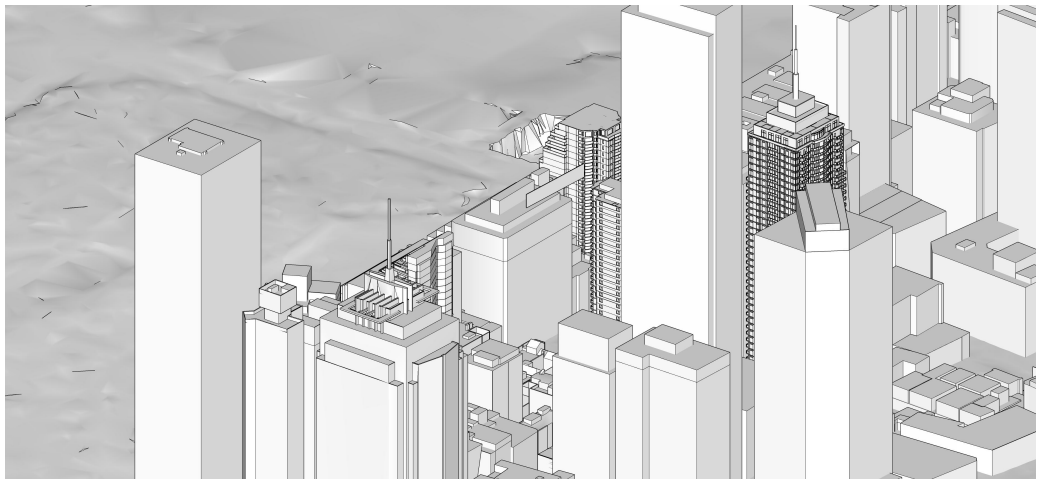
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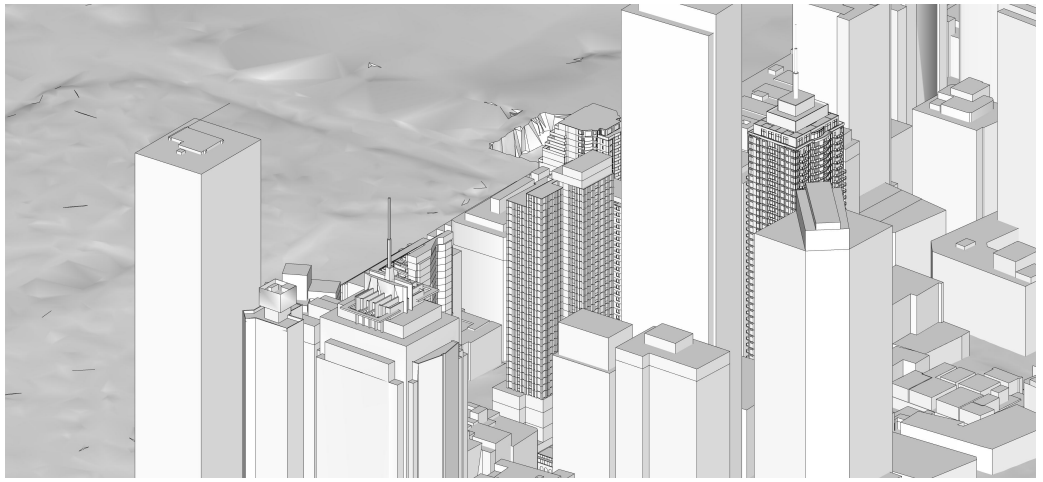
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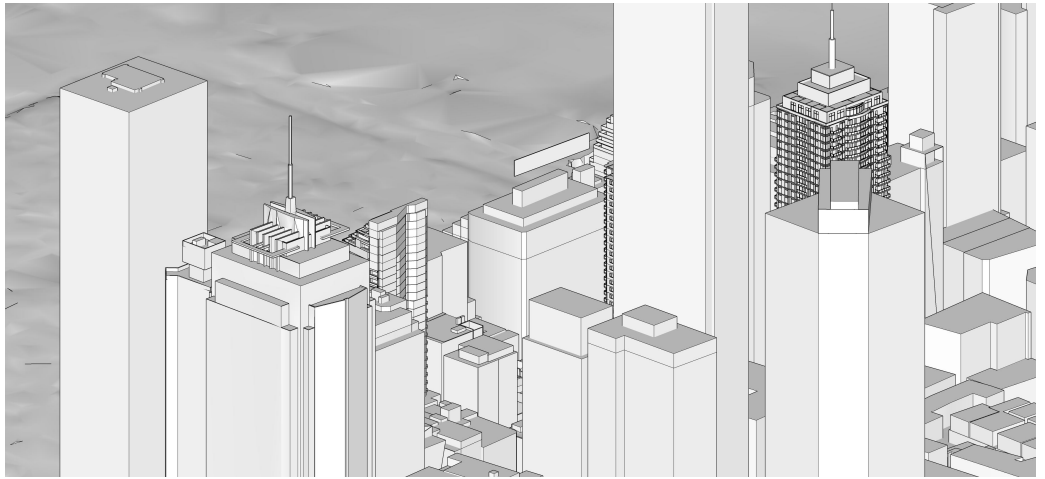
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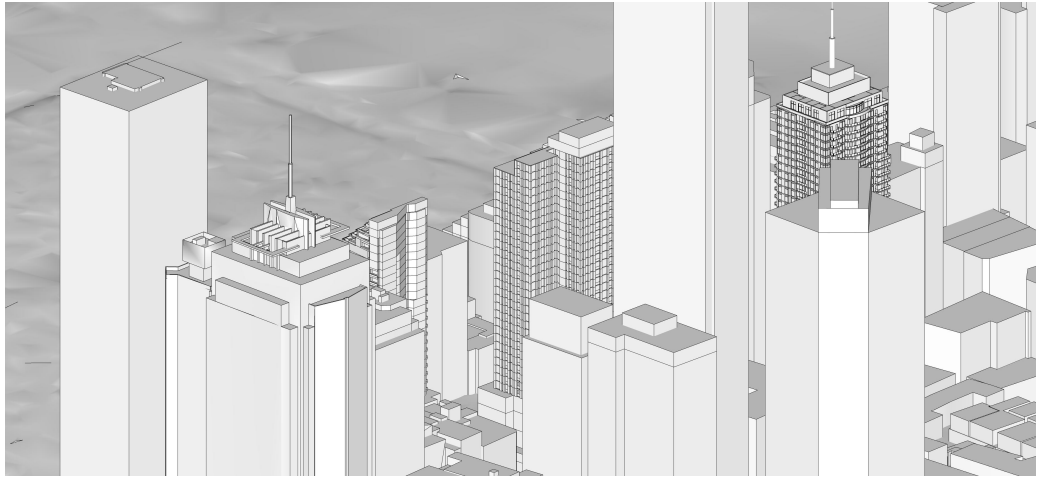
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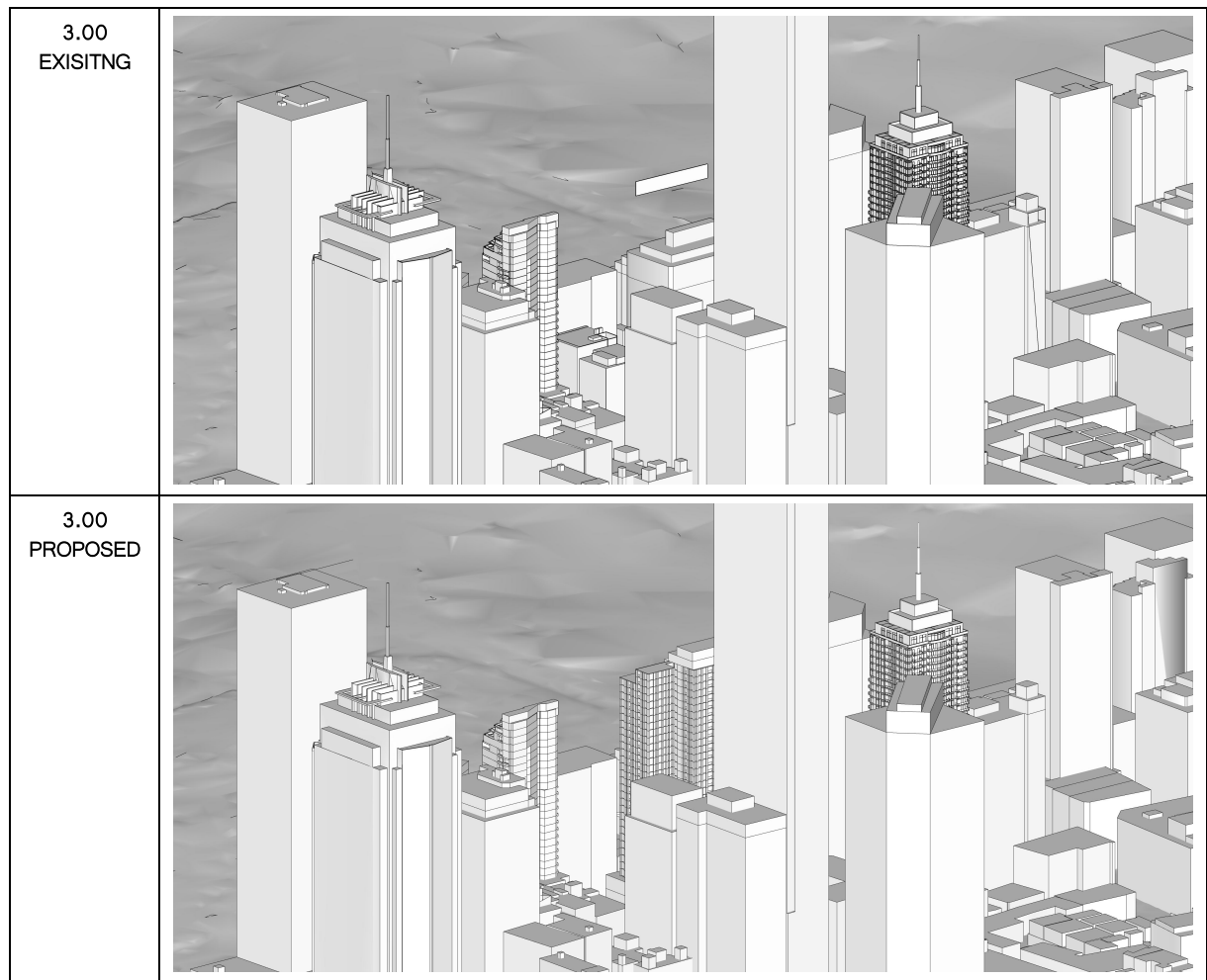


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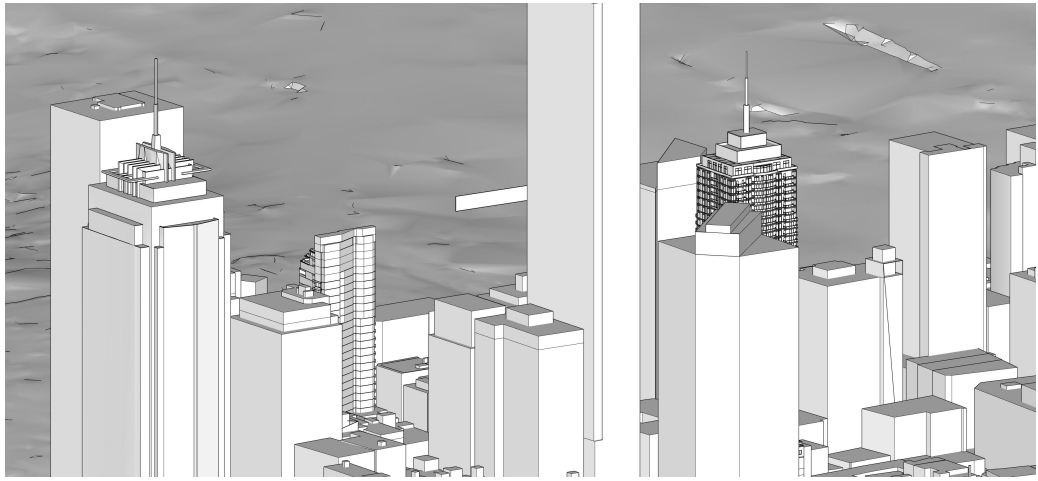


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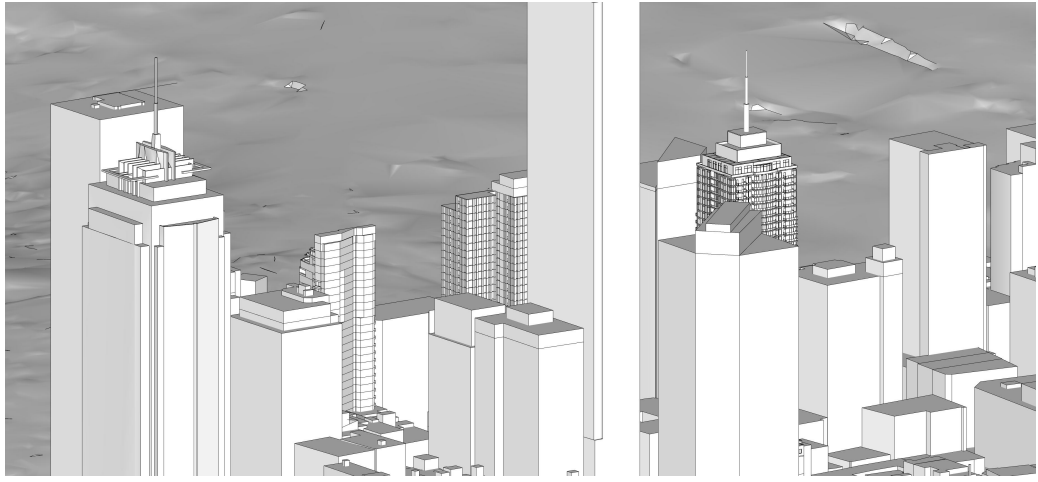


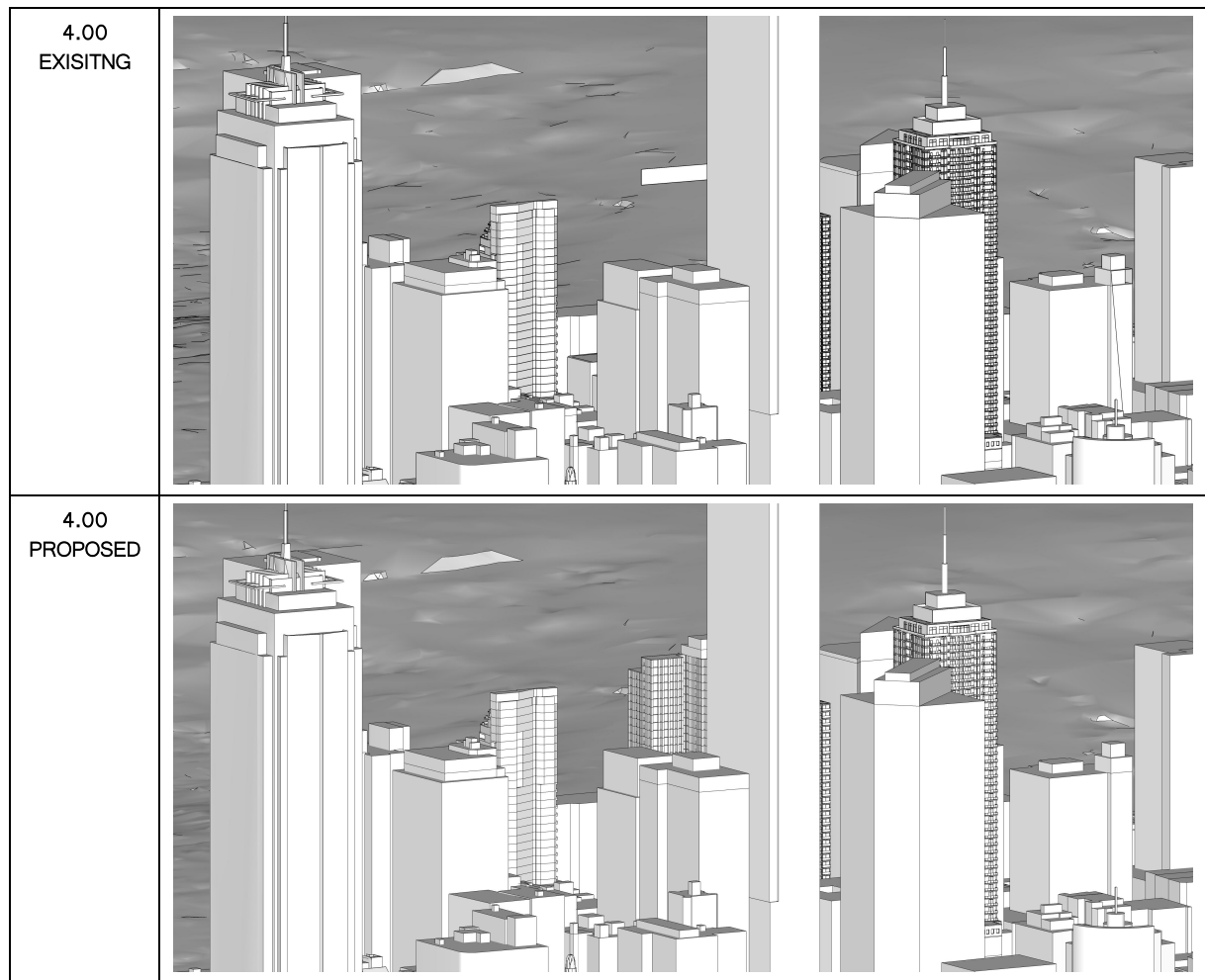


3.30
EXISTING



3.30
PROPOSED





C.0 APPENDIX C: COMPLIANCE TABLE OF PITT STREET SOUTH

The following table sets out in detail the solar access status of each apartment.

UNIT	FLOOR	UNIT NUM.	ROOM	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3	>2hrs 8-4	Comply for Living + POS 9-3	Comply for Living + POS 8-4	No sun	Comments
1	LEVEL 7	7.01	Living	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N							N/A
2	LEVEL 7	7.02	Living	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N							N/A
3	LEVEL 7	7.03	Living	N	N	N	N	N	N	N	N	Y	N	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	Y	N	Y	Y	N	N	N	N	N							N/A
4	LEVEL 7	7.04	Living	N	N	N	N	N	N	N	N	N	Y	N	Y	Y	Y	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N							N/A
5	LEVEL 7	7.05	Living	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N						
			POS	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N						N/A
6	LEVEL 7	7.06	Living	N	N	N	N	N	N	N	H	N	N	N	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							N/A
7	LEVEL 7	7.07	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							YES
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							N/A
8	LEVEL 8	8.01	Living	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N							N/A
9	LEVEL 8	8.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N							N/A
10	LEVEL 8	8.03	Living	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	N	N	N							N/A
11	LEVEL 8	8.04	Living	N	N	N	N	N	N	N	N	N	Y	N	Y	Y	Y	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N							N/A
12	LEVEL 8	8.05	Living	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N						
			POS	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N						N/A
13	LEVEL 8	8.06	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							YES
			POS	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N							N/A
14	LEVEL 8	8.07	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							YES
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							N/A
15	LEVEL 9	9.01	Living	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N							N/A
16	LEVEL 9	9.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N							N/A
17	LEVEL 9	9.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N	N	N		YES.					N/A

UNIT	FLOOR	UNIT NUM.	ROOM	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3	>2hrs 8-4	Comply for Living + POS 9-3	Comply for Living + POS 8-4	No sun	Comments
18	LEVEL 9	9.04	Living	N	N	N	N	N	N	N	N	N	Y	N	Y	Y	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	Y	N	Y	Y	Y	N	N	N						N/A	
19	LEVEL 9	9.05	Living	N	N	N	N	N	N	N	Y	N	N	N	N	Y	Y	Y	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N						N/A	
20	LEVEL 9	9.06	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
21	LEVEL 9	9.07	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	
22	LEVEL 9	9.08	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
23	LEVEL 9	9.09	Living	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
24	LEVEL 10	10.01	Living	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N						N/A	
25	LEVEL 10	10.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N						N/A	
26	LEVEL 10	10.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N		YES.				N/A	
27	LEVEL 10	10.04	Living	N	N	N	N	N	N	N	N	N	Y	N	Y	Y	N	N	N	N							
			POS	N	N	N	N	N	N	Y	N	N	Y	N	Y	Y	Y	N	N	N		YES.				N/A	
28	LEVEL 10	10.05	Living	N	N	N	N	N	N	N	Y	N	H	N	N	Y	Y	Y	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N						N/A	
29	LEVEL 10	10.06	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
30	LEVEL 10	10.07	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	
31	LEVEL 10	10.08	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
32	LEVEL 10	10.09	Living	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
33	LEVEL 11	11.01	Living	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N						N/A	
34	LEVEL 11	11.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N						N/A	
35	LEVEL 11	11.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N		YES.				N/A	
36	LEVEL 11	11.04	Living	N	N	N	N	N	N	N	N	N	Y	N	Y	Y	N	N	N	N							

UNIT	FLOOR	UNIT NUM.	ROOM	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3	>2hrs 8-4	Comply for Living + POS 9-3	Comply for Living + POS 8-4	No sun	Comments
37	LEVEL 11	11.05	POS	N	N	N	N	N	N	Y	N	N	Y	N	Y	Y	Y	N	N	N		YES.				N/A	
			Living	N	N	N	N	N	N	N	Y	N	H	N	N	Y	Y	Y	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N						N/A	
38	LEVEL 11	11.06	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
39	LEVEL 11	11.07	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	
40	LEVEL 11	11.08	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
41	LEVEL 11	11.09	Living	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
42	LEVEL 12	12.01	Living	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N						N/A	
43	LEVEL 12	12.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N						N/A	
44	LEVEL 12	12.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N			YES.			N/A	
45	LEVEL 12	12.04	Living	N	N	N	N	N	Y	N	Y	Y	Y	N	Y	Y	N	N	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	Y	N	Y	Y	N	Y	Y	Y	N	N	N		YES.				N/A	
46	LEVEL 12	12.05	Living	N	N	N	N	N	N	Y	Y	Y	N	N	Y	Y	Y	N	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	y	Y	Y	N	N	Y	Y	N	N	N	N		YES.				N/A	
47	LEVEL 12	12.06	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
48	LEVEL 12	12.07	Living	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	
49	LEVEL 12	12.08	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
50	LEVEL 12	12.09	Living	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
51	LEVEL 13	13.01	Living	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N						N/A	
52	LEVEL 13	13.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N						N/A	
53	LEVEL 13	13.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N		YES.				N/A	
54	LEVEL 13	13.04	Living	N	N	N	N	N	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	N	Y	Y	Y	N	N	N	YES.					N/A	

UNIT	FLOOR	UNIT NUM.	ROOM	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3	>2hrs 8-4	Comply for Living + POS 9-3	Comply for Living + POS 8-4	No sun	Comments
55	LEVEL 13	13.05	Living	N	N	N	N	N	N	H	Y	Y	Y	N	Y	Y	Y	Y	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	N	Y	Y	Y	N	N	N	YES.					N/A	
56	LEVEL 13	13.06	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							YES
			POS	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
57	LEVEL 13	13.07	Living	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							YES
			POS	Y	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	
58	LEVEL 13	13.08	Living	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							YES
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
59	LEVEL 13	13.09	Living	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							YES
			POS	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
60	LEVEL 14	14.01	Living	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N							N/A
			POS	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N							
61	LEVEL 14	14.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N							N/A
			POS	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N							
62	LEVEL 14	14.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES			YES	YES		N/A
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N		YES.					
63	LEVEL 14	14.04	Living	N	N	N	N	N	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	N	YES			YES	YES		N/A
			POS	N	N	N	N	N	N	Y	Y	Y	Y	N	Y	Y	Y	N	N	N	YES.						
64	LEVEL 14	14.05	Living	N	N	N	N	N	N	H	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES			YES	YES		N/A
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	YES.						
65	LEVEL 14	14.06	Living	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							YES
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
66	LEVEL 14	14.07	Living	Y	H	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							YES
			POS	Y	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	
67	LEVEL 14	14.08	Living	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							YES
			POS	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
68	LEVEL 15	15.01	Living	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N							N/A
			POS	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N							
69	LEVEL 15	15.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N							N/A
			POS	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N							
70	LEVEL 15	15.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES			YES	YES		N/A
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N		YES.					
71	LEVEL 15	15.04	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	YES			YES	YES		N/A
			POS	N	N	N	N	N	N	Y	Y	Y	Y	N	Y	Y	Y	N	N	N	YES.						
72	LEVEL 15	15.05	Living	N	N	N	N	N	N	H	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES			YES	YES		N/A
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.						
73	LEVEL 15	15.06	Living	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							YES

UNIT	FLOOR	UNIT NUM.	ROOM	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3	>2hrs 8-4	Comply for Living + POS 9-3	Comply for Living + POS 8-4	No sun	Comments
74	LEVEL 15	15.07	POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	1237 - 14-37 achieved (1230 added)
			Living	Y	H	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	Y	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	
75	LEVEL 15	15.08	Living	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	Y	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	
76	LEVEL 16	16.01	Living	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N						N/A	
77	LEVEL 16	16.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	N	N							
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	N	N						N/A	
78	LEVEL 16	16.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N		YES.				N/A	
79	LEVEL 16	16.04	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	YES.					N/A	
80	LEVEL 16	16.05	Living	N	N	N	N	N	N	H	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
81	LEVEL 16	16.06	Living	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
82	LEVEL 16	16.07	Living	Y	H	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	Y	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	
83	LEVEL 16	16.08	Living	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	Y	Y	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	
84	LEVEL 17	17.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.				N/A	
85	LEVEL 17	17.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.				N/A	
86	LEVEL 17	17.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N		YES.				N/A	
87	LEVEL 17	17.04	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	YES.					N/A	
88	LEVEL 17	17.05	Living	N	N	N	N	N	N	H	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
89	LEVEL 17	17.06	Living	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
90	LEVEL 17	17.07	Living	Y	H	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	Y	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	
91	LEVEL 17	17.08	Living	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	Y	Y	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	

UNIT	FLOOR	UNIT NUM.	ROOM	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3	>2hrs 8-4	Comply for Living + POS 9-3	Comply for Living + POS 8-4	No sun	Comments
92	LEVEL 18	18.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		1237 - 14-37 achieved (1230 added)
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.				N/A	
93	LEVEL 18	18.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.				N/A	
94	LEVEL 18	18.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	YES.					N/A	
95	LEVEL 18	18.04	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	YES.					N/A	
96	LEVEL 18	18.05	Living	N	N	N	N	N	N	H	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
97	LEVEL 18	18.06	Living	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
98	LEVEL 18	18.07	Living	Y	H	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	Y	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	
99	LEVEL 18	18.08	Living	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	Y	Y	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	
100	LEVEL 19	19.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		1237 - 14-37 achieved (1230 added)
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.				N/A	
101	LEVEL 19	19.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.				N/A	
102	LEVEL 19	19.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	YES.					N/A	
103	LEVEL 19	19.04	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	YES.					N/A	
104	LEVEL 19	19.05	Living	N	N	N	N	N	N	H	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
105	LEVEL 19	19.06	Living	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
106	LEVEL 19	19.07	Living	Y	H	N	N	N	H	N	N	N	N	N	N	N	N	N	N	N							
			POS	Y	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N						N/A	
107	LEVEL 19	19.08	Living	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	Y	Y	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N						N/A	
108	LEVEL 20	20.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		1237 - 14-37 achieved (1230 added)
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.				N/A	
109	LEVEL 20	20.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.				N/A	
110	LEVEL 20	20.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES			YES	YES		

UNIT	FLOOR	UNIT NUM.	ROOM	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3	>2hrs 8-4	Comply for Living + POS 9-3	Comply for Living + POS 8-4	No sun	Comments
111	LEVEL 20	20.04	POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	YES.					N/A	1237 - 14-37 achieved (1230 added)
			Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	YES.					N/A	
112	LEVEL 20	20.05	Living	N	N	N	N	N	N	H	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
113	LEVEL 20	20.06	Living	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
114	LEVEL 20	20.07	Living	Y	H	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N							
			POS	Y	N	N	N	Y	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	
115	LEVEL 20	20.08	Living	Y	Y	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N							
			POS	Y	Y	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N						N/A	
116	LEVEL 21	21.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.				N/A	
117	LEVEL 21	21.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.				N/A	
118	LEVEL 21	21.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
119	LEVEL 21	21.04	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	YES.					N/A	
120	LEVEL 21	21.05	Living	N	N	N	N	N	N	H	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
121	LEVEL 21	21.06	Living	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						YES	
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
122	LEVEL 21	21.07	Living	Y	H	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N							
			POS	Y	N	N	N	Y	N	N	Y	N	N	N	N	N	N	N	N	N						N/A	
123	LEVEL 21	21.08	Living	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N							
			POS	Y	Y	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N			YES.			N/A	
124	LEVEL 22	22.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		1237 - 14-37 achieved (1230 added)
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.				N/A	
125	LEVEL 22	22.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.				N/A	
126	LEVEL 22	22.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
127	LEVEL 22	22.04	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES			YES	YES		
			POS	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
128	LEVEL 22	22.05	Living	N	N	N	N	N	N	H	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	

UNIT	FLOOR	UNIT NUM.	ROOM	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3	>2hrs 8-4	Comply for Living + POS 9-3	Comply for Living + POS 8-4	No sun	Comments	
129	LEVEL 22	22.06	Living	Y	N	N	N	H	N	N	N	N	N	N	N	N	N	N	N	N								N/A
			POS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							
130	LEVEL 22	22.07	Living	Y	H	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N							N/A	
			POS	Y	N	N	N	N	Y	Y	N	Y	N	N	N	N	N	N	N	N	N							
131	LEVEL 22	22.08	Living	Y	Y	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES			N/A		
			POS	Y	Y	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES.	YES			
132	LEVEL 23	23.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		N/A	
			POS	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.		YES	YES		
133	LEVEL 23	23.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		N/A	
			POS	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.		YES	YES		
134	LEVEL 23	23.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	YES			YES	YES		N/A	
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.			YES	YES		
135	LEVEL 23	23.04	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	YES			YES	YES		N/A	
			POS	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.			YES	YES		
136	LEVEL 23	23.05	Living	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	YES			YES	YES		N/A	
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.			YES	YES		
137	LEVEL 23	23.06	Living	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N							N/A	
			POS	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N							
138	LEVEL 23	23.07	Living	Y	H	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N							N/A	
			POS	Y	N	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES.				
139	LEVEL 23	23.08	Living	Y	Y	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES		YES		N/A	
			POS	Y	Y	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES.		YES		
140	LEVEL 24	24.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		N/A	
			POS	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.		YES	YES		
141	LEVEL 24	24.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		N/A	
			POS	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.		YES	YES		
142	LEVEL 24	24.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	YES			YES	YES		N/A	
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.			YES	YES		
143	LEVEL 24	24.04	Living	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	YES			YES	YES		N/A	
			POS	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.			YES	YES		
144	LEVEL 24	24.05	Living	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	YES			YES	YES		N/A	
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.			YES	YES		
145	LEVEL 24	24.06	Living	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N							N/A	
			POS	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N							
146	LEVEL 24	24.07	Living	Y	H	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N							N/A	
			POS	Y	N	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES.				
147	LEVEL 24	24.08	Living	Y	Y	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES		YES			

UNIT	FLOOR	UNIT NUM.	ROOM	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3	>2hrs 8-4	Comply for Living + POS 9-3	Comply for Living + POS 8-4	No sun	Comments
			POS	Y	Y	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N			YES.			N/A	
148	LEVEL 25	25.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		1237 - 14-37 achieved (1230 added)
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.				N/A	
149	LEVEL 25	25.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.				N/A	
150	LEVEL 25	25.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
151	LEVEL 25	25.04	Living	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
152	LEVEL 25	25.05	Living	N	N	N	N	N	H	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
153	LEVEL 25	25.06	Living	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N							
			POS	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
154	LEVEL 25	25.07	Living	Y	H	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N							
			POS	Y	N	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N			YES.			N/A	
155	LEVEL 25	25.08	Living	Y	Y	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES		YES		
			POS	Y	Y	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N			YES.			N/A	
156	LEVEL 26	26.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		1237 - 14-37 achieved (1230 added)
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.				N/A	
157	LEVEL 26	26.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.				N/A	
158	LEVEL 26	26.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
159	LEVEL 26	26.04	Living	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES.					N/A	
160	LEVEL 26	26.05	Living	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
161	LEVEL 26	26.06	Living	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N							
			POS	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
162	LEVEL 26	26.07	Living	Y	H	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N							
			POS	Y	N	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N			YES.			N/A	
163	LEVEL 26	26.08	Living	Y	Y	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES		YES		
			POS	Y	Y	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N			YES.			N/A	
164	LEVEL 27	27.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		1237 - 14-37 achieved (1230 added)
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.				N/A	
165	LEVEL 27	27.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.				N/A	

UNIT	FLOOR	UNIT NUM.	ROOM	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3	>2hrs 8-4	Comply for Living + POS 9-3	Comply for Living + POS 8-4	No sun	Comments
166	LEVEL 27	27.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		1237 - 14-37 achieved (1230 added)
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	YES.				YES	N/A	
167	LEVEL 27	27.04	Living	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES.				YES	N/A	
168	LEVEL 27	27.05	Living	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	YES.				YES	N/A	
169	LEVEL 27	27.06	Living	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N							
			POS	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
170	LEVEL 27	27.07	Living	Y	H	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N							
			POS	Y	N	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N			YES.			N/A	
171	LEVEL 27	27.08	Living	Y	Y	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES		YES		
			POS	Y	Y	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N			YES.			N/A	
172	LEVEL 28	28.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.				N/A	
173	LEVEL 28	28.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.				N/A	
174	LEVEL 28	28.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
175	LEVEL 28	28.04	Living	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES.					N/A	
176	LEVEL 28	28.05	Living	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
177	LEVEL 28	28.06	Living	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N							
			POS	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N						N/A	
178	LEVEL 28	28.07	Living	Y	H	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N							
			POS	Y	N	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N			YES.			N/A	
179	LEVEL 28	28.08	Living	Y	Y	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES		YES		
			POS	Y	Y	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N			YES.			N/A	
180	LEVEL 29	29.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		1237 - 14-37 achieved (1230 added)
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.				N/A	
181	LEVEL 29	29.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.				N/A	
182	LEVEL 29	29.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.					N/A	
183	LEVEL 29	29.04	Living	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES.					N/A	
184	LEVEL 29	29.05	Living	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		

UNIT	FLOOR	UNIT NUM.	ROOM	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3	>2hrs 8-4	Comply for Living + POS 9-3	Comply for Living + POS 8-4	No sun	Comments
			POS	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	YES.					N/A	
185	LEVEL 29	29.06	Living	Y	N	N	H	Y	N	N	N	N	N	N	N	N	N	N	N	N							
			POS	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A
186	LEVEL 29	29.07	Living	Y	H	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N							
			POS	Y	N	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES.			N/A
187	LEVEL 29	29.08	Living	Y	Y	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES				
			POS	Y	Y	N	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES.		YES		N/A
188	LEVEL 30	30.01	Living	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		1237 - 14-37 achieved (1230 added)
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.				N/A	
189	LEVEL 30	30.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.				N/A	
190	LEVEL 30	30.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N		YES.					N/A	
191	LEVEL 30	30.04	Living	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES.				N/A	
192	LEVEL 30	30.05	Living	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N		YES.					N/A	
193	LEVEL 30	30.06	Living	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N							
			POS	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A
194	LEVEL 30	30.07	Living	Y	H	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES		YES		
			POS	Y	N	N	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES.				N/A
195	LEVEL 30	30.08	Living	Y	Y	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES		YES		
			POS	Y	Y	N	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES.				N/A
196	LEVEL 31	31.01	Living	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		1237 - 14-37 achieved (1230 added)
			POS	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.				N/A
197	LEVEL 31	31.02	Living	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N		YES.				N/A	
198	LEVEL 31	31.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N		YES.				N/A	
199	LEVEL 31	31.04	Living	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES.				N/A	
200	LEVEL 31	31.05	Living	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N		YES.					N/A	
201	LEVEL 31	31.06	Living	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N							
			POS	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A
202	LEVEL 31	31.07	Living	Y	H	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES		YES		
			POS	Y	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N		YES.				N/A

UNIT	FLOOR	UNIT NUM.	ROOM	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3	>2hrs 8-4	Comply for Living + POS 9-3	Comply for Living + POS 8-4	No sun	Comments
203	LEVEL 31	31.08	Living	Y	Y	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES		YES		1237 - 14-37 achieved (1230 added)
			POS	Y	Y	N	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES.			YES	
204	LEVEL 32	32.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N	N		YES.			YES	
205	LEVEL 32	32.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N		YES.			YES	
206	LEVEL 32	32.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.				YES	N/A	
207	LEVEL 32	32.04	Living	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES.				YES	
208	LEVEL 32	32.05	Living	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	YES.				YES	N/A	
209	LEVEL 32	32.06	Living	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N							
			POS	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N						
210	LEVEL 32	32.07	Living	Y	H	H	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N			YES		YES		
			POS	Y	N	N	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES.			YES	
211	LEVEL 32	32.08	Living	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES		YES	YES		
			POS	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES.			YES	
212	LEVEL 33	33.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.			YES	
213	LEVEL 33	33.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.			YES	
214	LEVEL 33	33.03	Living	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	YES.				YES	N/A	
215	LEVEL 33	33.04	Living	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES.				YES	N/A
216	LEVEL 33	33.05	Living	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES		
			POS	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	YES.				YES	N/A	
217	LEVEL 33	33.06	Living	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N							
			POS	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N						N/A
218	LEVEL 33	33.07	Living	Y	H	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES		YES	YES		
			POS	Y	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES.			YES	N/A
219	LEVEL 33	33.08	Living	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES		YES	YES		
			POS	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES.			YES	N/A
220	LEVEL 34	34.01	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES		
			POS	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES.			YES	N/A
221	LEVEL 34	34.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES		

UNIT	FLOOR	UNIT NUM.	ROOM	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3	>2hrs 8-4	Comply for Living + POS 9-3	Comply for Living + POS 8-4	No sun	Comments	
			POS	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.				N/A		
222	LEVEL 34	34.03	Living	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES			
			POS	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	YES.				N/A		
223	LEVEL 34	34.04	Living	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES			
			POS	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES.				N/A		
224	LEVEL 34	34.05	Living	N	N	H	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES			
			POS	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	YES.				N/A		
225	LEVEL 34	34.06	Living	Y	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N								
			POS	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N					N/A		
226	LEVEL 34	34.07	Living	Y	H	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N			YES		YES			
			POS	Y	N	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	YES.				N/A		
227	LEVEL 34	34.08	Living	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES		YES	YES			
			POS	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	YES.				N/A		
228	LEVEL 35	35.01	Living	H	H	H	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES			
			POS	Y	Y	Y	Y	N	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N	YES.				N/A		
229	LEVEL 35	35.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES			
			POS	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.			N/A		
230	LEVEL 35	35.03	Living	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES			
			POS	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.				N/A		
231	LEVEL 36	36.01	Living	H	H	H	H	H	H	N	N	N	Y	Y	Y	Y	Y	N	N	N		YES		YES	YES			
			POS	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.			N/A		
232	LEVEL 36	36.02	Living	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES		YES	YES			
			POS	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N		YES.			N/A		
233	LEVEL 36	36.03	Living	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES			
			POS	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	YES.				N/A		
234	LEVEL 36	36.04	Living	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES			YES	YES			
			POS	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YES.				N/A		
																					>3 hrs 9-3	>2 hrs 9-3	>2hrs 8-4	Comply for Living + POS 9-3	Comply for Living + POS 8-4	No sun		
																					72	47	14	119	133	42		
																					30.8%	20.1%	6.0%	50.9%	56.8%	17.9%		
																						50.9%	56.8%					

234

234

D.0 APPENDIX D: COMPLIANCE TABLE OF PRINCETON APARTMENTS

The following table sets out in detail the solar access status of each apartment.

		Solar access																	Solar compliance					
LEVEL	UNIT	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	No sun	
PRINCETON TOWER - EXISTING																								
																			>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	No sun	
																			34	8	12	2	19	
																			29.3%	6.9%	10.3%	1.7%	16.4%	
																				36.2%				
																					46.6%	48.3%		
PRINCETON TOWER - PROPOSED																								
																			>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	No sun	
																			0	6	0	18	31	
																			0.0%	5.2%	0.0%	15.5%	26.7%	
																				5.2%				
																					5.2%	20.7%		
PRINCETON TOWER - COMPARISON TABLE																								
LEVEL 9	Unit 1	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES	
	Unit 2	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES	
	Unit 3	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES	
	Unit 4	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES	
LEVEL 10	Unit 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES	
	Unit 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						
	Unit 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES	
	Unit 8	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES	
LEVEL 11	Unit 9	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES	
	Unit 10	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						
	Unit 11	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES	

LEVEL	UNIT	Solar access																	Solar compliance				No sun
		8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	
LEVEL 12	Unit 12	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 13	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 14	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N					
	Unit 15	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 13	Unit 16	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 17	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 18	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N					
	Unit 19	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N					
LEVEL 14	Unit 20	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 21	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 22	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N					
	Unit 23	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N					
LEVEL 15	Unit 24	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 25	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 26	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N					
	Unit 27	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N					
LEVEL 16	Unit 28	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 29	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 30	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N					
	Unit 31	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N					
LEVEL 17	Unit 32	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 33	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 34	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N					
	Unit 35	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N					
LEVEL 18	Unit 36	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 37	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 38	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N					
	Unit 39	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N					
LEVEL 19	Unit 40	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N					
	Unit 41	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 42	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N	N	N					
	Unit 43	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N					
LEVEL 20	Unit 44	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N					
	Unit 45	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 46	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N	N	N					
	Unit 47	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N					
	Unit 48	N	Y	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					

LEVEL	UNIT	Solar access																	Solar compliance				No sun
		8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	
LEVEL 21	Unit 49	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 50	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N	N	N					
	Unit 51	N	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N	N					
	Unit 52	Y	Y	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					
LEVEL 22	Unit 53	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 54	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N	N	N					
	Unit 55	Y	Y	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N	N				YES	
	Unit 56	Y	Y	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					
LEVEL 23	Unit 57	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 58	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N	N	N					
	Unit 59	Y	Y	N	N	N	N	N	N	N	Y	Y	Y	H	N	N	N	N				YES	
	Unit 60	Y	Y	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					
LEVEL 24	Unit 61	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 62	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N	N	N					
	Unit 63	Y	Y	N	N	N	N	N	N	N	Y	Y	Y	H	N	N	N	N				YES	
	Unit 64	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N				YES	
LEVEL 25	Unit 65	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	Unit 66	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N	N	N					
	Unit 67	Y	Y	N	N	N	N	N	N	N	Y	Y	Y	H	N	N	N	N				YES	
	Unit 68	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N				YES	
LEVEL 26	Unit 69	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	N					
	Unit 70	Y	Y	N	N	N	N	N	N	HH	HH	HH	HH	HH	N	N	N	N					
	Unit 71	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N				YES	
LEVEL 27	Unit 72	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	H					
	Unit 73	Y	Y	N	N	N	N	N	N	HH	HH	HH	HH	HH	N	N	N	N					
	Unit 74	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N				YES	
LEVEL 28	Unit 75	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	H					
	Unit 76	Y	Y	N	N	N	N	N	N	HH	HH	HH	HH	HH	N	N	N	N					
	Unit 77	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N				YES	
LEVEL 29	Unit 78	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	H					
	Unit 79	Y	Y	N	N	N	N	N	N	HH	HH	HH	HH	HH	N	N	N	N					
	Unit 80	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N				YES	
LEVEL 30	Unit 81	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	H					
	Unit 82	Y	Y	N	N	Y	N	N	N	HH	HH	HH	HH	HH	N	N	N	N					
	Unit 83	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N				YES	
LEVEL 31	Unit 84	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	H					
	Unit 85	Y	Y	N	N	Y	N	N	N	HH	HH	HH	HH	HH	N	N	N	N					

LEVEL	UNIT	Solar access																	Solar compliance				No sun
		8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	
LEVEL 32	Unit 86	Y	Y	Y	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N				YES	
	Unit 87	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	H					
	Unit 88	Y	Y	N	N	Y	N	N	N	HH	HH	HH	HH	HH	N	N	N	N					
LEVEL 33	Unit 89	Y	Y	Y	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N				YES	
	Unit 90	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	H					
	Unit 91	Y	Y	N	N	Y	N	N	N	HH	HH	HH	HH	HH	N	N	N	N					
LEVEL 34	Unit 92	Y	Y	Y	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N				YES	
	Unit 93	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	H					
	Unit 94	Y	Y	N	N	Y	N	N	N	HH	HH	HH	HH	HH	N	N	N	N					
LEVEL 35	Unit 95	Y	Y	Y	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N				YES	
	Unit 96	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	H					
	Unit 97	Y	Y	N	N	Y	N	N	N	HH	HH	HH	HH	HH	N	N	N	N					
LEVEL 36	Unit 98	Y	Y	Y	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N				YES	
	Unit 99	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	H					
	Unit 100	Y	Y	N	N	Y	N	N	N	HH	HH	HH	HH	HH	N	N	N	N					
LEVEL 37	Unit 101	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES			
	Unit 102	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	H					
	Unit 103	Y	Y	N	N	Y	N	N	N	HH	HH	HH	HH	HH	N	N	N	N					
LEVEL 38	Unit 104	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES			
	Unit 105	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	H					
	Unit 106	Y	Y	N	Y	Y	N	N	N	HH	HH	HH	HH	HH	N	N	N	N					
LEVEL 39	Unit 107	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES			
	Unit 108	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	H					
	Unit 109	Y	Y	N	Y	Y	N	N	N	HH	HH	HH	HH	HH	N	N	N	N					
LEVEL 40	Unit 110	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES			
	Unit 111	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	H					
	Unit 112	Y	Y	N	Y	Y	N	N	N	HH	HH	HH	HH	HH	N	N	N	N					
LEVEL 41	Unit 113	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES			
	Unit 114	Y	Y	Y	N	Y	Y	N	N	N	H	H	N	N	N	N	N	H				YES	
	Unit 115	Y	Y	Y	Y	Y	Y	N	N	HH	HH	HH	HH	HH	N	N	N	N				YES	
	Unit 116	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES			

Y	CURRENTLY RECEIVES COMPLIANT SUN
H	HABITABLE SPACES CURRENTLY RECEIVES COMPLIANT SUN
N	CURRENTLY DOES NOT COMPLY
N	LIVING NOW OVERSHADOWED
HH	HABITABLE NOW OVERSHADOWED
HH	LIVING OVERSHADOWED BUT HABITABLE ROOM GETS SUN

>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	No sun
0	6	0	18	31
0.0%	5.2%	0.0%	15.5%	26.7%
	5.2%			
		5.2%	20.7%	

E.0 APPENDIX E: COMPLIANCE TABLE OF CENTURY TOWERS

The following table sets out in detail the solar access status of each apartment.

		Solar access																Solar compliance					
LEVEL	UNIT	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	No sun
CENTURY TOWER - EXISTING																							
	296																		24	18	14	35	93
																			8.1%	6.1%	4.7%	11.8%	31.4%
																				14.2%			
																					18.9%	30.7%	
CENTURY TOWER - PROPOSED																							
	296																		22	13	9	29	93
																			7.4%	4.4%	3.0%	9.8%	31.4%
																				11.8%			
																					14.9%	24.7%	
CENTURY TOWER - COMPARISON TABLE																							
LEVEL 10	APT 1	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 2	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 3	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 8	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 11	APT 1	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 2	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 8	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 12	APT 1	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					

		Solar access																	Solar compliance				
LEVEL	UNIT	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	No sun
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 13	APT 8	N	N	H	N	H	N	N	N	N	N	N	N	N	N	N	N	N					
	APT 1	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	N	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 14	APT 8	N	N	H	N	H	N	N	N	N	N	H	N	N	N	N	N	N					
	APT 1	N	N	N	H	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	N	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 15	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
	APT 1	N	N	N	H	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	N	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 16	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
	APT 1	N	N	N	H	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	N	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 17	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	N	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					

		Solar access																	Solar compliance				
LEVEL	UNIT	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	No sun
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 18	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	N	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 19	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	HH	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 20	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	HH	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 21	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	HH	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 22	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	HH	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					

		Solar access																Solar compliance					
LEVEL	UNIT	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	No sun
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
LEVEL 23	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	HH	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
LEVEL 24	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	HH	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
LEVEL 25	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	HH	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
LEVEL 26	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	HH	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
LEVEL 27	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	HH	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					

		Solar access																	Solar compliance				
LEVEL	UNIT	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	No sun
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 28	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	HH	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 29	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	HH	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 30	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	HH	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N					
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 31	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	Y	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N			YES		
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 32	APT 8	N	N	H	H	H	N	N	N	N	N	H	N	N	N	N	N	N					
	APT 1	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 2	N	N	N	Y	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N			YES		
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	N	Y	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					

		Solar access																	Solar compliance				
LEVEL	UNIT	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	No sun
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	H	N	N	N	N	N	N	N					
LEVEL 33	APT 8	N	N	H	H	H	N	N	N	N	H	H	N	N	N	N	N	N					
	APT 1	N	N	Y	Y	Y	Y	N	N	N	N	N	Y	N	N	N	N	N			YES		
	APT 2	N	N	N	Y	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N			YES		
	APT 3	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	N	HH	Y	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	H	N	N	N	N	N	N	N					
	APT 8	N	N	H	H	H	N	N	N	N	H	H	N	N	N	N	N	N					
LEVEL 34	APT 1	N	N	Y	Y	Y	Y	N	N	N	N	N	Y	N	N	N	N	N			YES		
	APT 2	N	N	N	Y	Y	Y	Y	N	N	N	N	H	Y	N	N	N	N			YES		
	APT 3	HH	H	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	Y	Y	Y	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES	
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	H	N	N	N	N	N	N	N					
	APT 8	N	N	H	H	H	N	N	N	N	H	H	N	N	N	N	N	N					
LEVEL 35	APT 1	N	N	Y	Y	Y	Y	N	N	N	N	N	Y	Y	N	N	N	N			YES		
	APT 2	N	N	N	Y	Y	Y	Y	N	N	N	N	H	Y	Y	N	N	N			YES		
	APT 3	HH	HH	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES	
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H					YES
	APT 7	N	N	N	N	N	N	N	N	N	H	N	N	N	N	N	N	N					
	APT 8	N	N	H	H	H	N	N	N	N	H	H	H	N	N	N	N	N					
LEVEL 36	APT 1	N	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	N	N	N	N		YES			
	APT 2	N	N	N	Y	Y	Y	Y	N	N	N	N	H	Y	Y	N	N	N			YES		
	APT 3	HH	HH	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES	
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	H	N	N	N	N	N	N	N					
	APT 7	N	N	H	H	H	N	N	N	N	Y	Y	H	N	N	N	N	N					
LEVEL 37	APT 1	N	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y	N	N	N	YES				
	APT 2	N	N	N	Y	Y	Y	Y	N	N	N	N	H	Y	Y	Y	N	N	YES				
	APT 3	Y	HH	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N					
	APT 4	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES	
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES

		Solar access																		Solar compliance					
LEVEL	UNIT	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	No sun		
LEVEL 38	APT 6	N	N	N	N	N	N	N	N	N	H	H	N	N	H	H	N	H							
	APT 7	N	N	H	H	H	N	N	N	N	Y	Y	H	H	N	N	N	N							
	APT 1	N	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y	N	N	N	YES						
	APT 2	Y	N	HH	Y	Y	Y	Y	Y	N	N	N	N	H	Y	Y	Y	N	N	YES					
	APT 3	Y	HH	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES			
	APT 4	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES			
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES		
	APT 6	N	N	N	N	N	N	N	N	N	H	H	N	N	H	Y	H	H							
LEVEL 39	APT 7	N	N	H	H	H	N	N	N	N	Y	Y	H	H	H	N	N	N							
	APT 1	N	N	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y	Y	N	N	YES						
	APT 2	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	H	Y	Y	Y	N	N	YES						
	APT 3	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES			
	APT 4	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES			
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES		
	APT 6	N	N	N	N	N	N	N	N	N	H	H	H	H	H	Y	Y	H							
LEVEL 40	APT 7	N	N	H	H	H	N	N	N	N	Y	Y	H	H	H	N	N	N							
	APT 1	N	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y	Y	N	N	YES						
	APT 2	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	H	Y	Y	Y	Y	N	YES						
	APT 3	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES			
	APT 4	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES			
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES		
	APT 6	N	N	N	N	N	N	N	N	N	H	H	H	H	H	Y	Y	Y							
LEVEL 41	APT 7	N	H	H	H	H	N	N	N	N	Y	Y	Y	H	H	N	N	Y							
	APT 1	H	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y	Y	N	N	YES						
	APT 2	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	H	Y	Y	Y	Y	N	YES						
	APT 3	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES			
	APT 4	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES			
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES		
	APT 6	N	N	N	N	N	N	N	N	N	H	H	H	Y	Y	Y	Y	Y				YES			
LEVEL 42	APT 7	N	H	H	H	H	N	N	N	N	Y	Y	Y	H	H	N	N	Y							
	APT 1	N	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y	Y	N	N	YES						
	APT 2	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	H	Y	Y	Y	Y	N	YES						
	APT 3	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES			
	APT 4	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES			
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES		
	APT 6	N	N	N	N	N	N	N	N	N	H	H	H	Y	Y	Y	Y	Y				YES			
LEVEL 43	APT 7	N	H	H	H	H	N	N	N	N	Y	Y	Y	Y	Y	Y	N	Y		YES					
	APT 1	H	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y	Y	Y	N	YES						
	APT 2	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	H	Y	Y	Y	Y	Y	YES						
	APT 3	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES			

LEVEL	UNIT	Solar access																Solar compliance					No sun
		8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	
	APT 4	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES	
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	H	H	Y	Y	Y	Y	Y				YES	
LEVEL 44	APT 7	H	H	H	H	H	N	N	N	N	H	Y	Y	Y	Y	Y	Y	Y		YES			
	APT 1	H	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y	Y	Y	N	YES				
	APT 2	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	H	Y	Y	Y	Y	Y	YES				
	APT 3	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES	
	APT 4	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES	
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	H	H	H	Y	Y	Y	Y				YES	
LEVEL 45	APT 7	H	H	H	H	H	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y		YES			
	APT 1	H	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y	Y	Y	Y	YES				
	APT 2	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	H	Y	Y	Y	Y	Y	YES				
	APT 3	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES	
	APT 4	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES	
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	H	H	H	Y	Y	Y	Y				YES	
LEVEL 46	APT 7	H	H	H	H	H	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y		YES			
	APT 1	H	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y	Y	Y	Y	YES				
	APT 2	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	H	Y	Y	Y	Y	Y	YES				
	APT 3	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES			
	APT 4	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES	
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	H	H	H	Y	Y	Y	Y				YES	
LEVEL 47	APT 7	H	H	H	H	H	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y		YES			
	APT 1	H	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y	Y	Y	Y	YES				
	APT 2	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	H	Y	Y	Y	Y	Y	YES				
	APT 3	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES			
	APT 4	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES	
	APT 5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	APT 6	N	N	N	N	N	N	N	N	N	N	H	H	Y	Y	Y	Y	Y				YES	
LEVEL 48	APT 7	H	H	H	H	H	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y		YES			
	APT 1	Y	Y	Y	Y	Y	Y	N	N	N	N	N	H	H	H	H	H	H		YES			
	APT 2	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES			
	APT 3	0	0	0	0	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y		YES			
	APT 4	H	H	H	H	H	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y		YES			
																			>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	No sun
	Y	CURRENTLY RECEIVES COMPLIANT SUN																					

		Solar access																Solar compliance					
LEVEL	UNIT	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	No sun
	H	HABITABLE SPACES CURRENTLY RECEIVES COMPLIANT SUN																22	13	9	29	93	
	N	CURRENTLY DOES NOT COMPLY																7.4%	4.4%	3.0%	9.8%	31.4%	
	N	LIVING NOW OVERSHADOWED																					
	N	HABITABLE NOW OVERSHADOWED																	11.8%				
	HH	LIVING OVERSHADOWED BUT HABITABLE ROOM GETS SUN																		14.9%	24.7%		

F.0 APPENDIX F: COMPLIANCE TABLE OF HYDE PARK REGENCY

The following table sets out in detail the solar access status of each apartment.

		Solar access																Solar compliance					
LEVEL	UNIT	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	No sun
HYDE PARK REGENCY - EXISTING																							
																			15 11.4%	7 5.3%	0 0.0%	3 2.3%	18 13.6%
																				16.7%			
																					16.7%	18.9%	
HYDE PARK REGENCY - PROPOSED																							
																			15 11.4%	7 5.3%	0 0.0%	3 2.3%	25 18.9%
																				16.7%			
																					16.7%	18.9%	
HYDE PARK REGENCY - COMPARISON TABLE																							
LEVEL 9	901	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES			
	902	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N		YES			
LEVEL 10	1001	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1002	Y	Y	Y	H	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1003	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1004	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 11	1005	N	N	N	N	N	N	N	N	N	H	N	N	N	N	N	N	N					
	1101	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1102	Y	Y	Y	H	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1103	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1104	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	1105	N	N	N	N	N	N	N	N	N	H	Y	N	N	N	N	N	N					
	1106	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N					
LEVEL 12	1107	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	1201	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1202	Y	Y	Y	H	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1203	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1204	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	1205	N	N	N	N	N	N	N	N	N	H	Y	N	N	N	N	N	N					
	1206	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N					
	1207	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 13	1301	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					

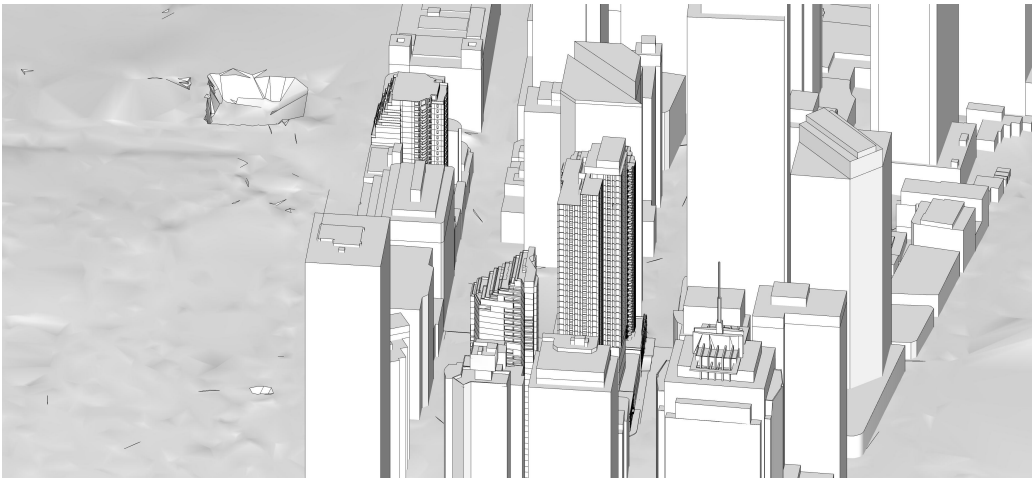
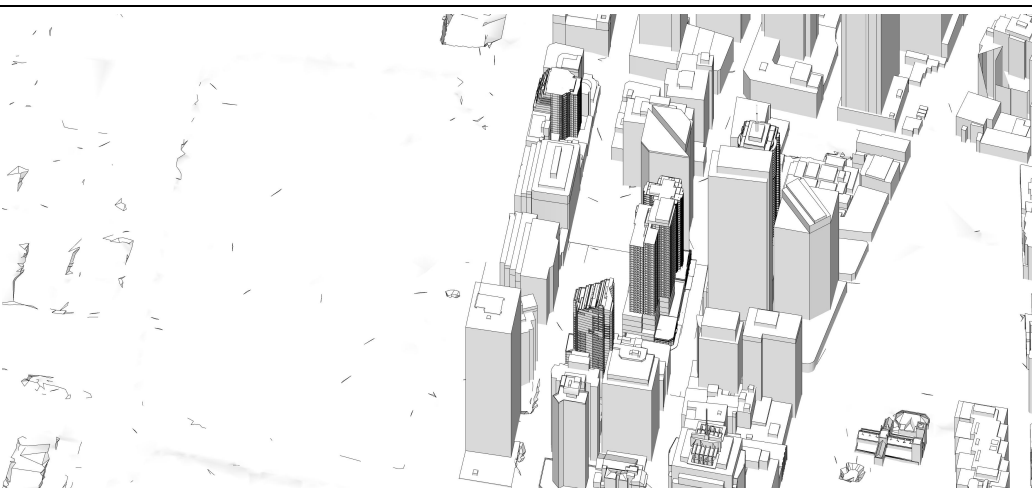
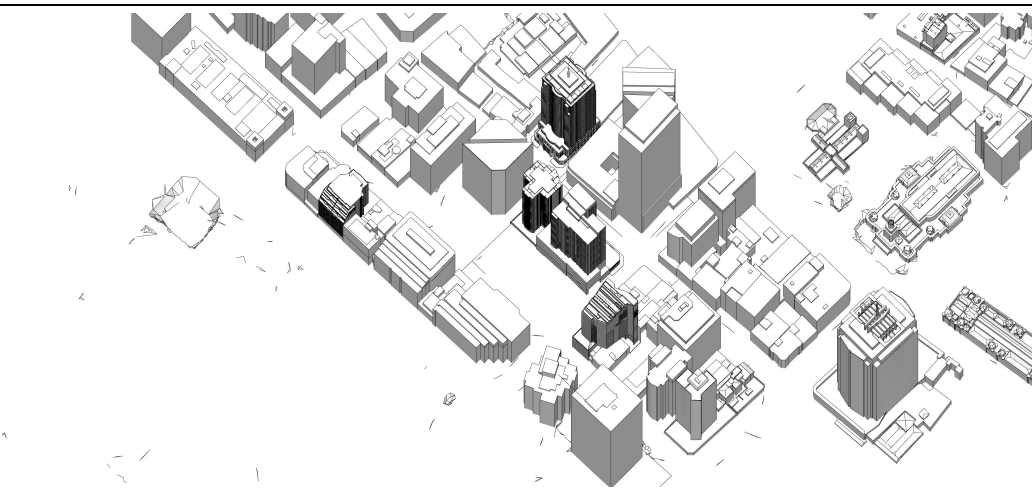
LEVEL	UNIT	Solar access																	Solar compliance				No sun
		8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	
	1302	Y	Y	Y	H	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1303	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1304	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	1305	N	N	N	N	N	N	N	N	N	H	Y	N	N	N	N	N	N					
	1306	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N					
	1307	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 14	1401	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1402	Y	Y	Y	H	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1403	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1404	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	1405	N	N	N	N	N	N	N	N	N	H	Y	N	N	N	N	N	N					
	1406	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N					
	1407	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 15	1501	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1502	Y	Y	Y	H	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1503	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1504	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	1505	N	N	N	N	N	N	N	N	N	H	Y	N	N	N	N	N	N					
	1506	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N					
	1507	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 16	1601	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1602	Y	Y	Y	H	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1603	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1604	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	1605	N	N	N	N	N	N	N	N	N	H	Y	N	N	N	N	N	N					
	1606	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N					
	1607	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 17	1701	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1702	Y	Y	Y	H	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1703	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1704	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	1705	N	N	N	N	N	N	N	N	N	H	Y	N	N	N	N	N	N					
	1706	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N					
	1707	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
LEVEL 18	1801	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1802	Y	Y	Y	H	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1803	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1804	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	1805	N	N	N	N	N	N	N	N	N	H	Y	N	N	N	N	N	N					
	1806	N	N	N	N	H	N	N	N	H	Y	Y	N	N	N	N	N	N					

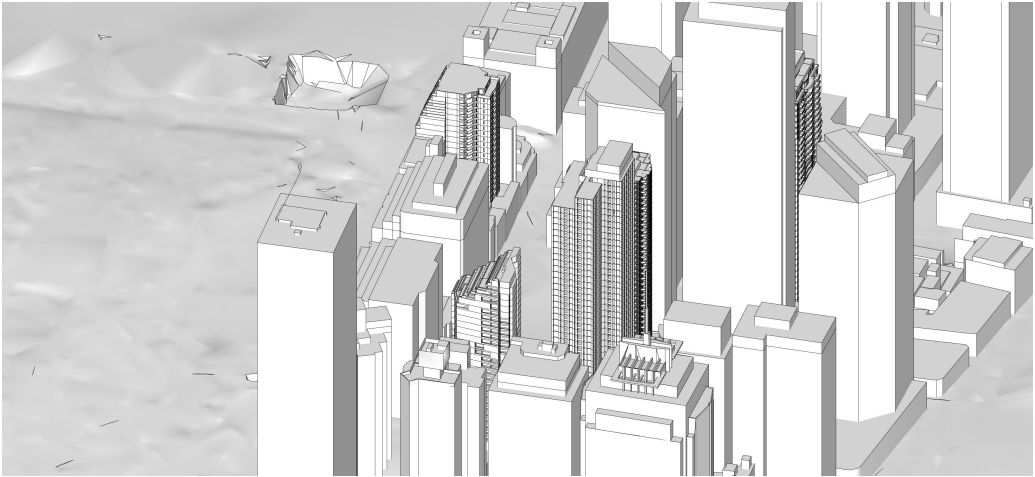
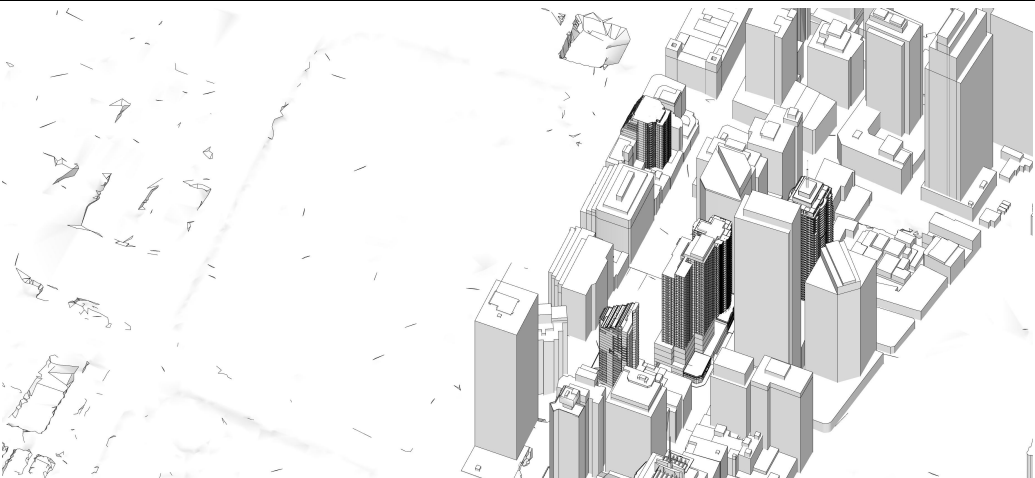
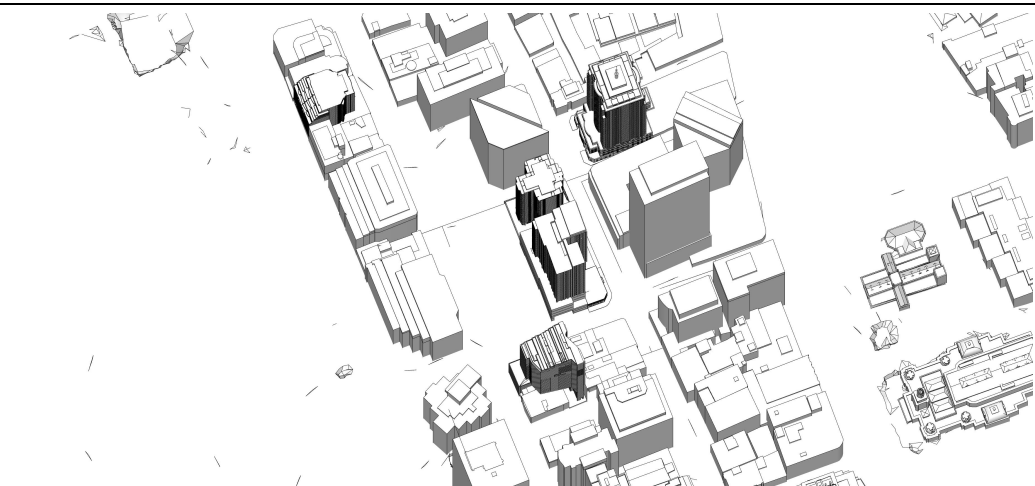
		Solar access																Solar compliance					
LEVEL	UNIT	8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	No sun
LEVEL 19	1807	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N					
	1901	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1902	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1903	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	1904	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	1905	N	N	N	N	N	N	N	N	N	H	Y	N	N	N	N	N	N					
	1906	N	N	N	N	H	H	H	H	H	Y	Y	N	N	N	N	N	N					
	1907	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES				
LEVEL 20	2001	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	2002	Y	Y	Y	H	H	H	H	N	N	N	N	N	N	N	N	N	N					
	2003	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	2004	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	2005	N	N	N	N	N	N	N	N	N	H	Y	N	N	N	N	N	N					
	2006	N	N	N	N	H	H	H	H	H	Y	Y	N	N	N	N	N	N					
	2007	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES				
LEVEL 21	2101	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	2102	Y	Y	Y	H	H	H	H	N	N	N	N	N	N	N	N	N	N					
	2103	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	2104	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	2105	N	N	N	N	N	N	N	N	N	H	Y	N	N	N	N	N	N					
	2106	H	N	N	N	H	H	H	H	H	Y	Y	N	N	N	N	N	N					
	2107	N	N	H	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES				
LEVEL 22	2201	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	2202	Y	Y	Y	H	H	H	H	N	N	N	N	N	N	N	N	N	N					
	2203	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	2204	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	2205	N	N	N	N	N	N	N	N	N	H	Y	Y	N	N	N	N	N					
	2206	H	N	N	N	H	H	H	H	H	Y	Y	Y	N	N	N	N	N					
	2207	H	H	H	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES				
LEVEL 23	2301	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	2302	Y	Y	Y	H	H	H	H	N	N	N	N	N	N	N	N	N	N					
	2303	Y	Y	Y	Y	H	H	H	N	N	N	N	N	N	N	N	N	N					
	2304	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	2305	N	N	N	N	N	N	N	N	N	H	Y	Y	N	N	N	N	N					
	2306	H	H	H	H	H	H	H	H	H	Y	Y	Y	Y	N	N	N	N					
	2307	H	H	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES				
LEVEL 24	2401	Y	Y	Y	Y	Y	Y	Y	H	H	H	H	H	H	N	N	N	N		YES			
	2402	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N				YES	
	2403	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	2404	N	N	N	N	N	N	N	N	N	H	Y	Y	N	N	N	N	N					

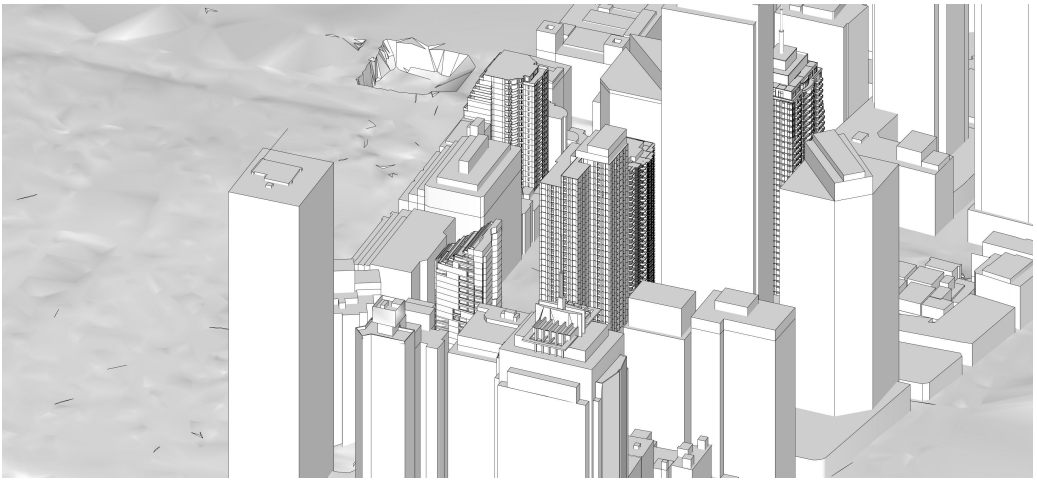
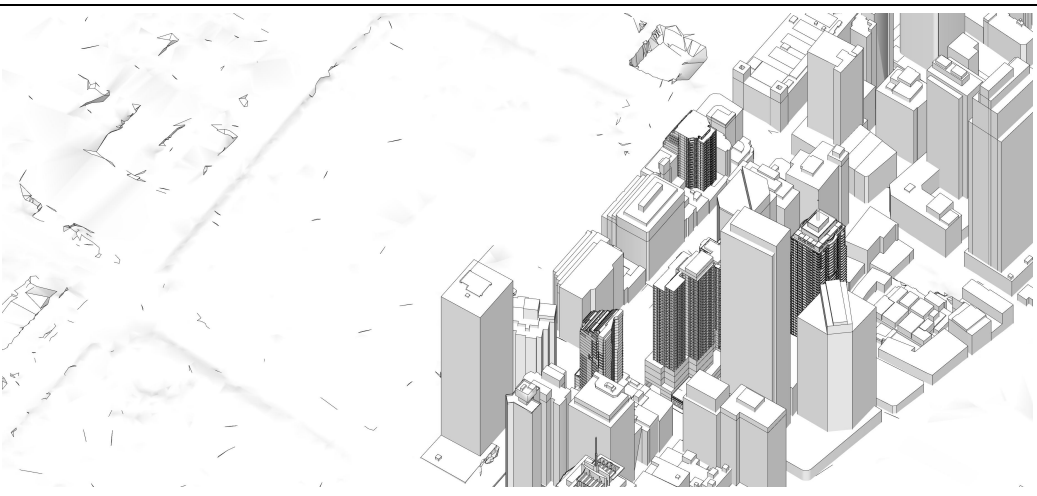
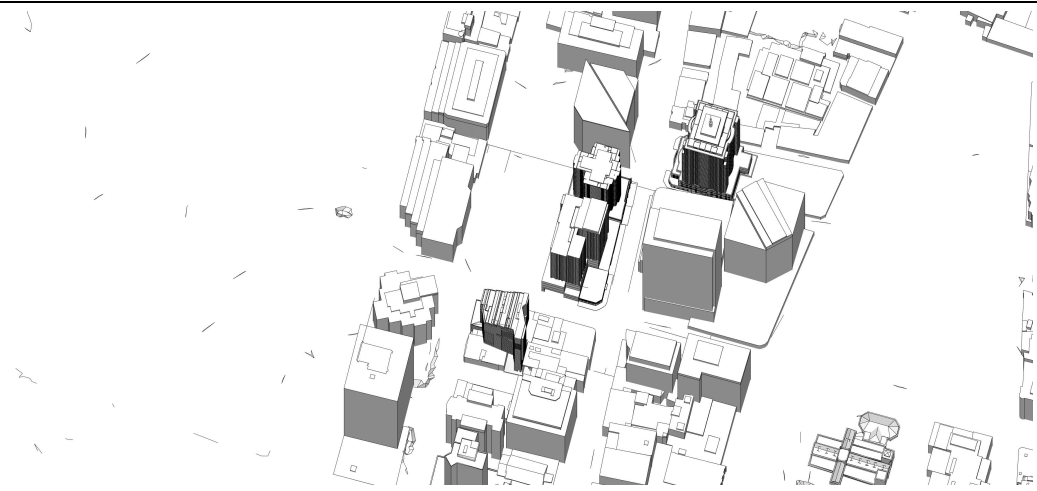
LEVEL	UNIT	Solar access																	Solar compliance				No sun
		8	830	9	930	10	1030	11	1130	12	1230	13	1330	14	1430	15	1530	16	>3 hrs 9-3	>2 hrs 9-3 (>3hrs 8-4)	>2 hrs 9-3	>2hrs 8-4	
	2405	H	H	H	H	H	H	H	H	H	Y	Y	Y	Y	N	N	N	N					
	2406	H	H	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES				
LEVEL 25	2501	Y	Y	Y	Y	Y	Y	Y	H	H	H	H	H	H	N	N	N	N		YES			
	2502	Y	Y	Y	Y	Y	Y	Y		N	N	N	N	N	N	N	N	N		YES			
	2503	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	2504	N	N	N	N	N	N	N	N	N	H	Y	Y	N	N	N	N	N					
	2505	H	H	H	H	H	H	H	H	H	Y	Y	Y	Y	N	N	N	N					
	2506	H	H	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES				
LEVEL 26	2601	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES				
	2602	Y	Y	Y	Y	Y		N	N	N	N	N	N	N	N	N	N	N				YES	
	2603	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	2604	N	N	N	N	N	N	N	N	N	H	Y	Y	N	N	N	N	N					
	2605	H	H	H	H	H	H	H	H	H	Y	Y	Y	Y	N	N	N	N					
	2606	H	H	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	YES				
LEVEL 27	2701	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	YES				
	2702	Y	Y	Y	Y	Y	Y	Y		N	N	N	N	N	N	N	N	N		YES			
	2703	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					YES
	2704	N	N	N	N	N	N	N	N	N	H	Y	Y	N	N	N	N	N					
	2705	H	H	H	H	H	H	H	H	H	Y	Y	Y	Y	N	N	N	N					
	2706	H	H	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	YES				
LEVEL 28	2801	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	YES				
	2802	Y	Y	Y	Y	Y	Y		N	N	N	N	N	N	N	N	N	N				YES	
	2803	N	N	N	N	N	N	N	N	N	H	Y	Y	N	N	N	N	N					
	2804	H	H	H	H	H	H	H	H	H	Y	Y	Y	Y	N	N	N	N					
LEVEL 29	2901	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	YES				
	2902	Y	Y	Y	Y	Y	Y	Y		N	N	N	N	N	N	N	N	N		YES			
	2903	N	N	N	N	N	N	N	N	N	H	Y	Y	N	N	N	N	N					
	2904	H	H	H	H	H	H	H	H	H	Y	Y	Y	Y	N	N	N	N					
LEVEL 30	3001	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	YES				
	3002	Y	Y	Y	Y	Y	Y	Y		N	N	N	Y	Y	Y	N	N	N	YES				
	132																		15	7	0	3	25
																			11.4%	5.3%	0.0%	2.3%	18.9%
	Y	CURRENTLY RECEIVES COMPLIANT SUN																					
	H	HABITABLE SPACES CURRENTLY RECEIVES COMPLIANT SUN																		16.7%			
	N	CURRENTLY DOES NOT COMPLY																			16.7%	18.9%	
	N	LIVING NOW OVERSHADOWED																					
	N	HABITABLE NOW OVERSHADOWED																					
	HH	LIVING OVERSHADOWED BUT HABITABLE ROOM GETS SUN																					

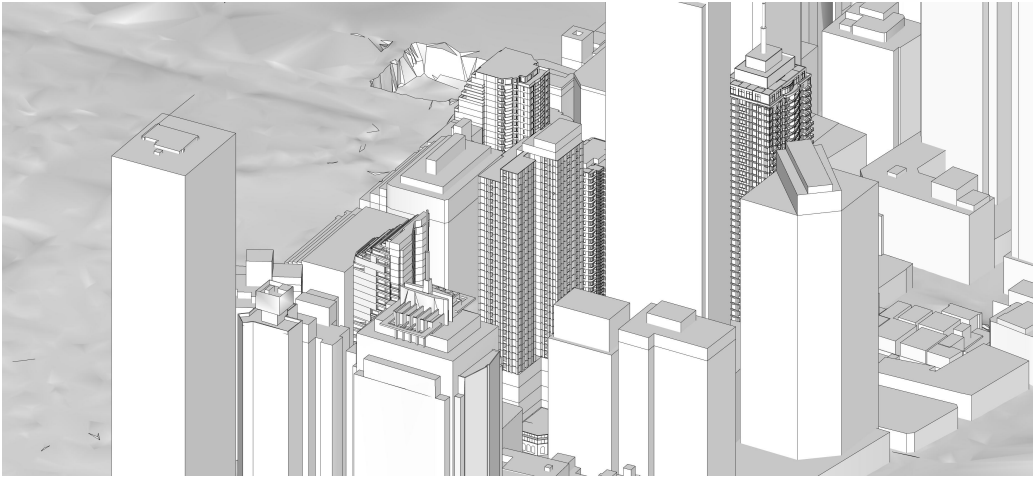
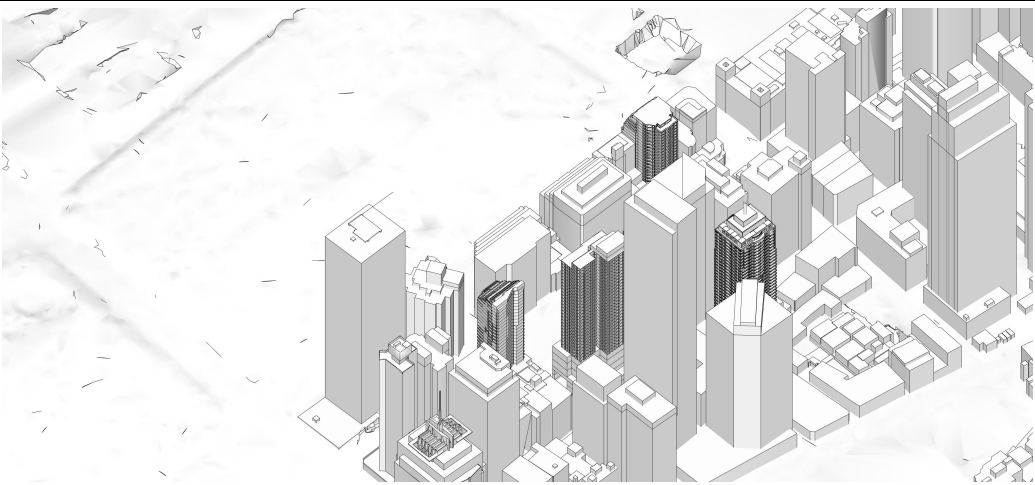
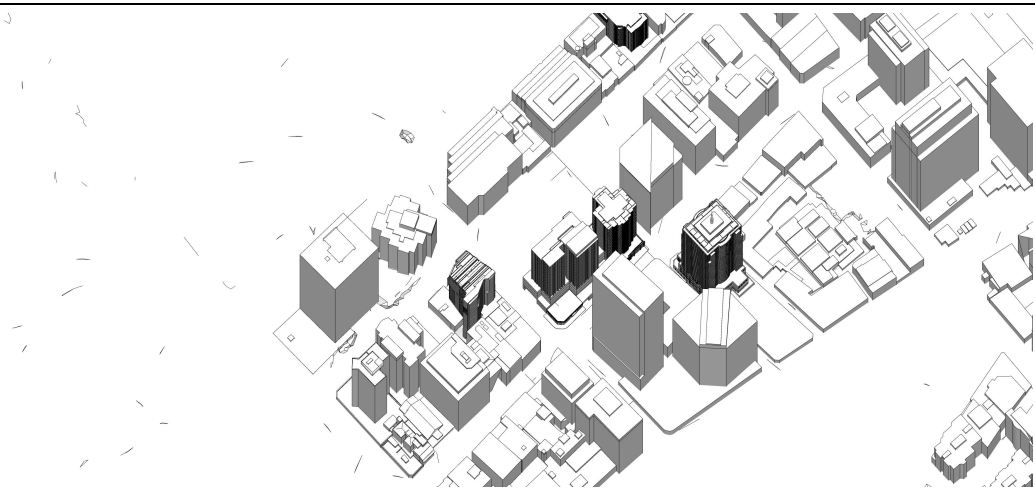
G.0 APPENDIX F: VIEWS FROM SUN (HYDE PARK)

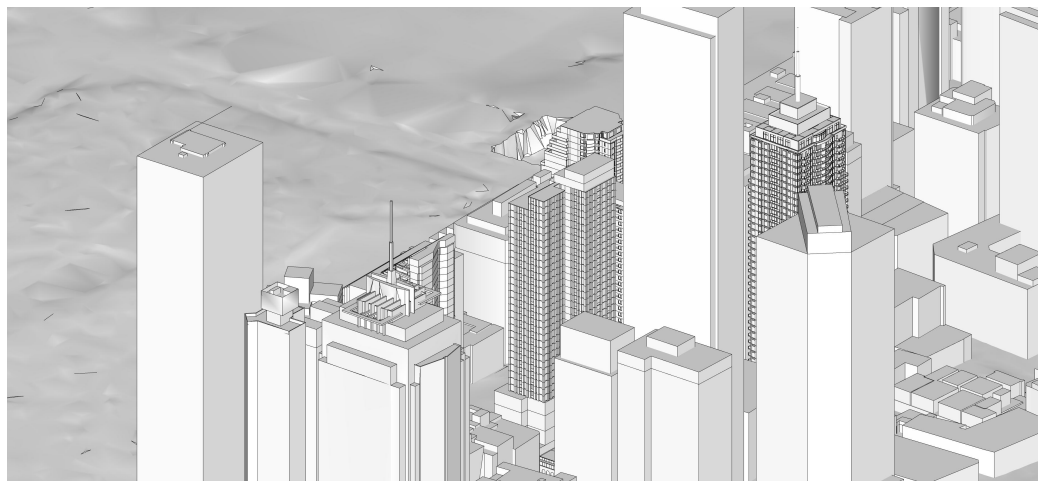
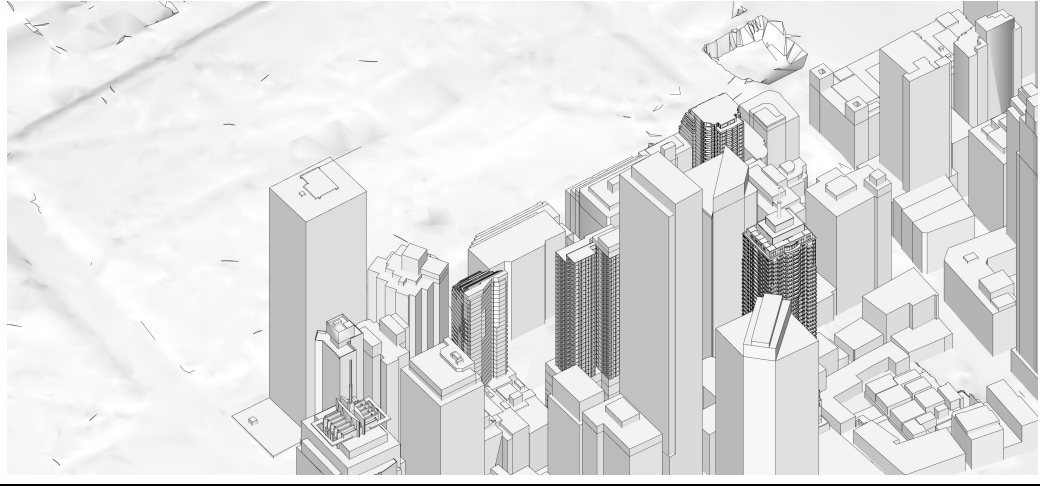
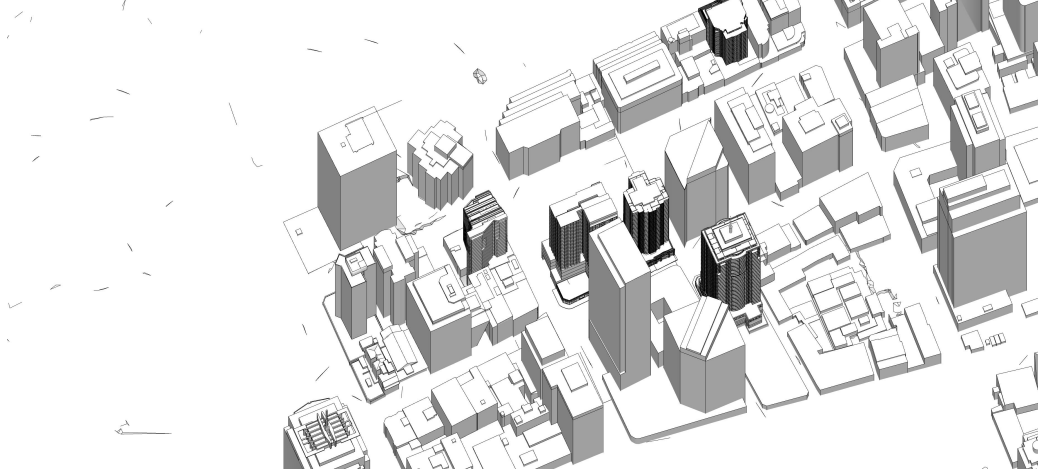
The table shows half-hourly views of solar access projections for June, September and December 21 from 12pm-4pm.

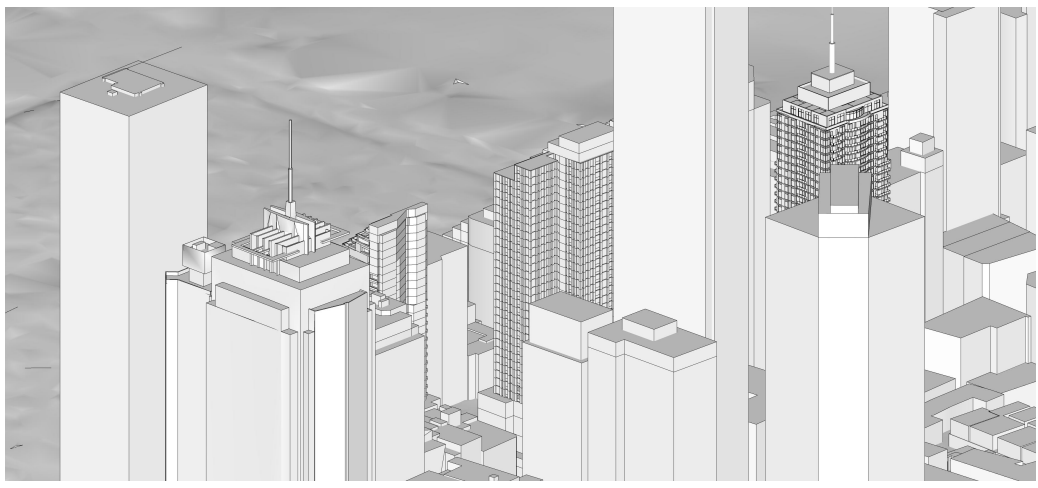
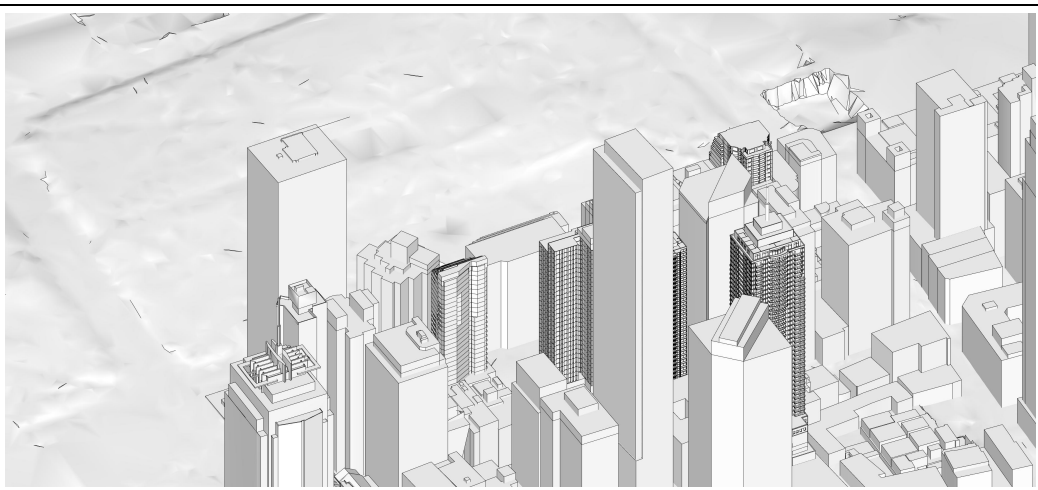
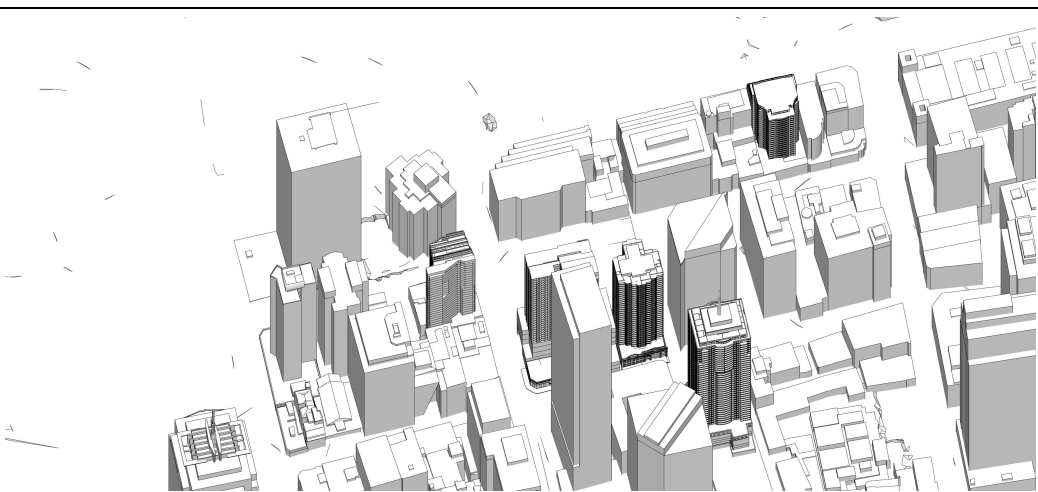
<p>12.00 JUNE</p>	
<p>12.00 SEPT</p>	
<p>12.00 DEC</p>	

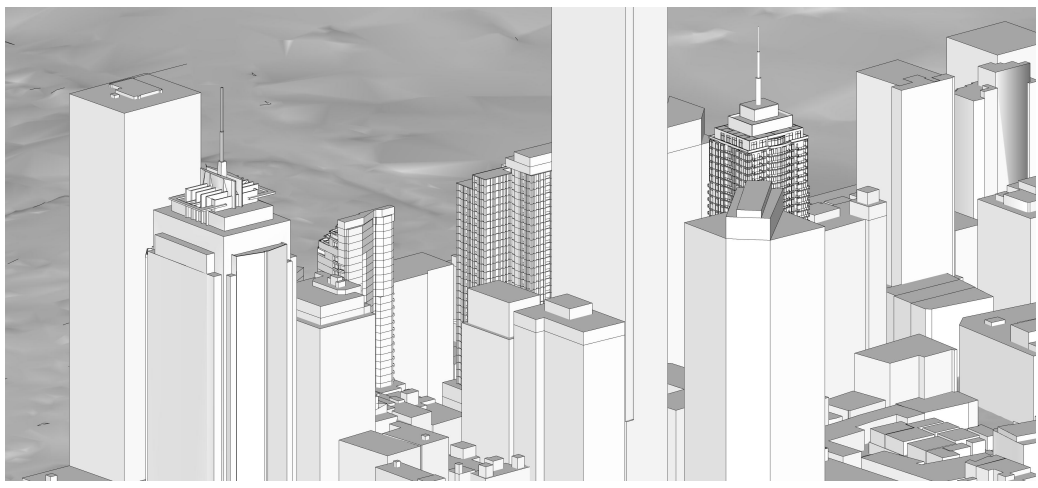
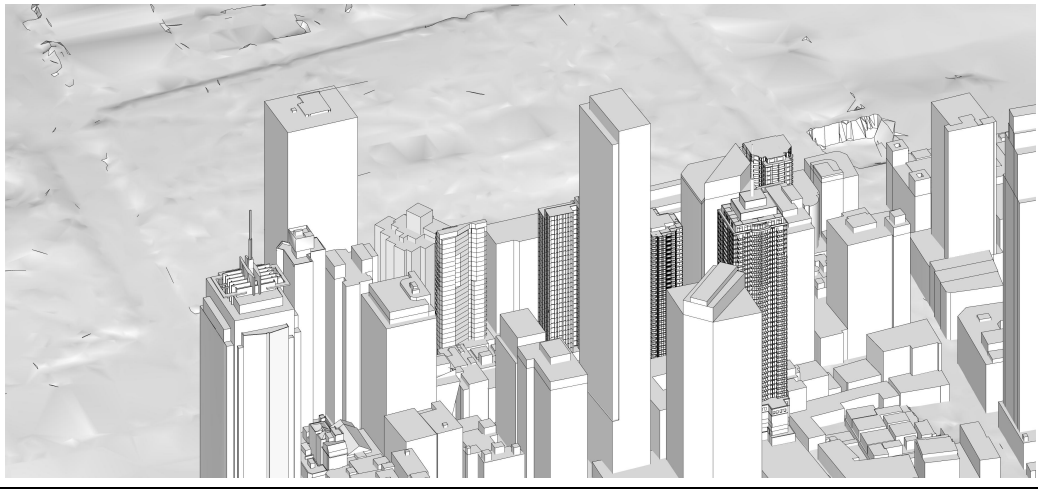
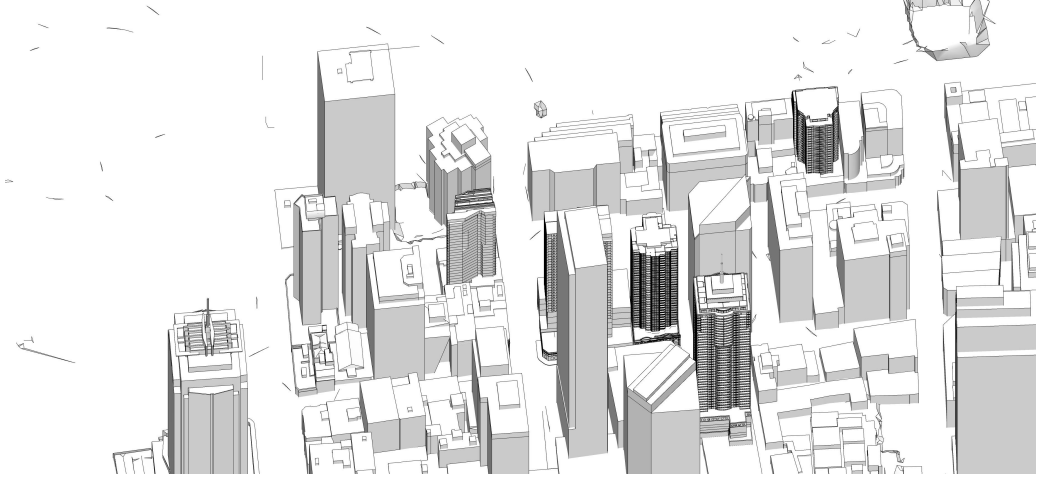
<p>12.30 JUNE</p>	
<p>12.30 SEPT</p>	
<p>12.30 DEC</p>	

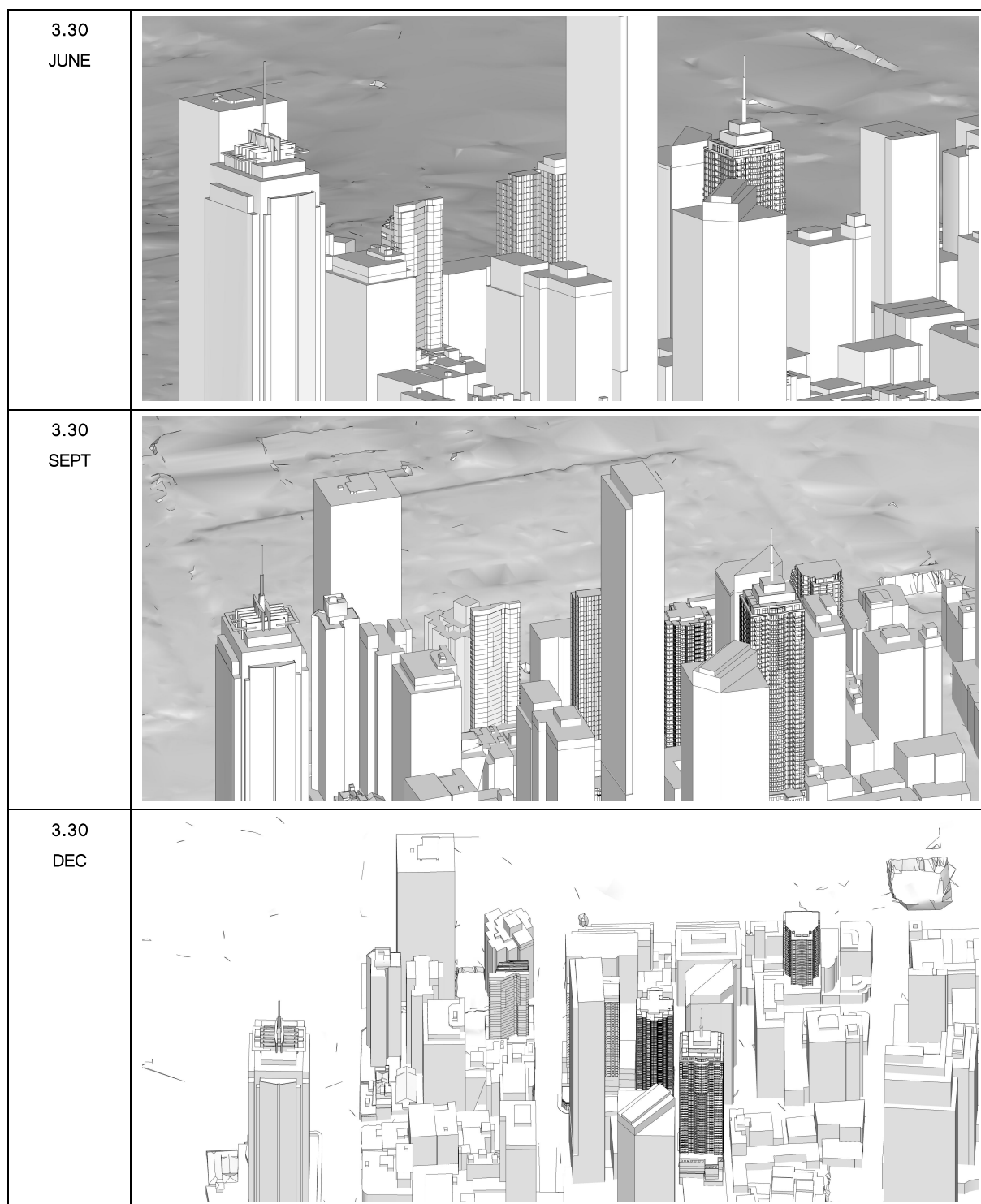
<p>1.00 JUNE</p>	
<p>1.00 SEPT</p>	
<p>1.00 DEC</p>	

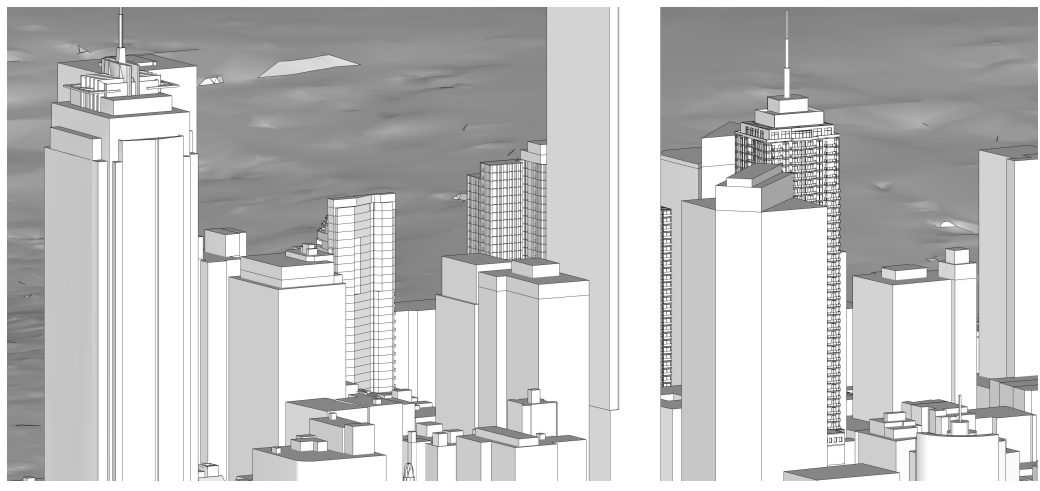
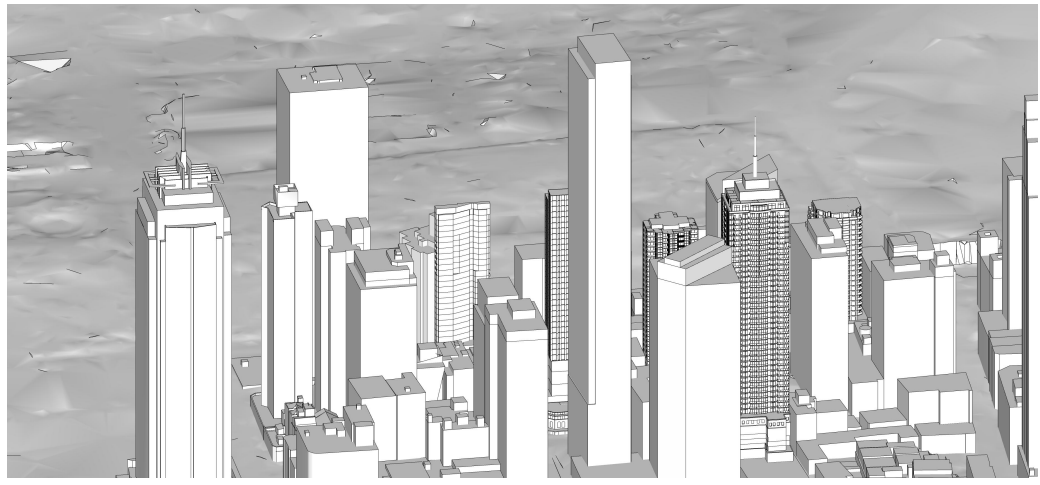
<p>1.30 JUNE</p>	
<p>1.30 SEPT</p>	
<p>1.30 DEC</p>	

<p>2.00 JUNE</p>	
<p>2.00 SEPT</p>	
<p>2.00 DEC</p>	

<p>2.30 JUNE</p>	
<p>2.30 SEPT</p>	
<p>2.30 DEC</p>	

<p>3.00 JUNE</p>	
<p>3.00 SEPT</p>	
<p>3.00 DEC</p>	



<p>4.00 JUNE</p>	
<p>4.00 SEPT</p>	
<p>4.00 DEC</p>	