

Item 1 13-15 Farm Street, Gladesville – LDA2025/0021 Alterations and additions to an existing residential flat building comprising alterations to Levels 3 & 4 and the addition of a fifth storey.

Report prepared by: Senior Town Planner **Report approved by:** Manager Development Assessment

DA Number	LDA2025/0021 PAN-508756	
Site Address & Ward	13-15 Farm St Gladesville Lot 1 DP 1251402 East Ward	
Zoning	MU1 – Mixed Use	
Proposal (as amended)	Alterations and additions to an existing residential flat building comprising alterations to Levels 3 & 4 and the addition of a fifth storey.	
Property Owner	Farm Road Developments Pty Ltd	
Applicant	The Trustee for Farm Road Developments Unit Trust	
Report Author	Sandra McCarry	
Lodgement Date	19 February 2025	
Notification No. of Submissions	Notified from 20 February to 8 March 2025. 3 submissions received: 2 objecting to the proposal and 1 asking about the proposal.	
Cost of Works	\$495,000.00	
Reason for Referral to LPP	Sensitive Development under Schedule 1, Part 4 of the Local Planning Panels Direction: Development to which State Environmental Planning Policy (Housing) 2021, Chapter 4 (Design of residential apartment development) applies.	

City of Ryde Local Planning Panel Report

Recommendation	Approval	
Attachments	Attachment 1: Recommended Conditions of Consent Attachment 2: Apartment Design Guide (ADG) Compliance Table Attachment 3: Clause 4.6 Written Variation Request to Height of Buildings Attachment 4: Proposed Architectural Plans and	
	Stormwater Plans	

1. Executive Summary

This report considers a development application (DA) under Section 4.15 of the *Environmental Planning and Assessment Act 1979* (the Act) on land at 13-15 Farm Street, Gladesville and legally described as Lot 1 DP 1251402.

This DA (LDA2025/0021) was lodged on 19 February 2025 and seeks consent for alterations and additions to an existing residential flat building comprising alterations to Levels 3 and 4 and the addition of a storey (5th) to accommodate a new 3 bedroom apartment.

In accordance with the Act and Section 9.1 *Local Planning Panel Direction* by the Minister, this application is reported to the Ryde Local Planning Panel for determination as it constitutes sensitive development to which State Environmental Planning Policy (Housing) 2021, Chapter 4 (Design of residential apartment development) applies.

The application is accompanied by a Clause 4.6 request seeking to vary Clause 4.3(2) of the Ryde Local Environmental Plan (RLEP) 2014 as the proposal exceeds the allowable building height. Under the provisions of Clause 4.4 of the RLEP 2014, the site is mapped as having a maximum permitted building height of 12m. However, this DA is subject to a 30% floor space ratio (FSR) and height bonus under Section 16 of SEPP (Housing) 2021 as the development provides at least 15% of the FSR towards an affordable housing component of the development. This bonus increases the permissible height of buildings to 15.6m. However, the proposed addition results in a maximum height of 16.005m equating to a 0.405m or an additional 2.6% variation to the bonus height standard. The non-compliant elements of the building accommodate a section of lift overrun and section of the roof overhang.

The term "affordable housing component" is defined in s15B of SEPP (Housing) 2021 as follows:

Affordable housing component, of development, means the percentage of the gross floor area used for affordable housing.

The definition of affordable housing component requires:

a) the gross floor area of the development (which in this case, including additional proposed gross floor area is 1,936m²); and

b) the gross floor area to be used for affordable housing (which in this case is 295m²).

Accordingly, the percentage of the gross floor area used for affordable housing is calculated as 15% of $1,936m^2 = 290m^2$ of new affordable housing. The applicant has provided $295m^2$, complying with the required affordable housing component.

The proposal generally complies with the relevant planning controls with the exception of building height and a minor 500mm shortfall of building separation. Despite these non-compliances the proposal achieves the objectives of Clause 4.3 Height of Buildings of RLEP 2014 and Section 15A of SEPP (Housing) 2021 as it is not considered to result in additional amenity impact to adjoining properties. The proposal was referred to Council's Urban Design Officer who has raised no objections to the additional height (storey). The proposed additions are considered to provide a development which is still in keeping with the character of nearby development, with minimal overshadowing and privacy impacts and is compatible with the desired future character of the area.

This DA was notified between 20 February 2025 to 8 March 2025. Three (3) submissions were received; 2 objecting to the proposal and 1 asking about the proposal. Details of the proposal were sent to the person enquiring about the development and no further submission was received from that person.

Concerns raised in the other 2 submissions related to the site already being an overdevelopment; the additional overshadowing; and insufficient parking to meet demand, especially during garbage bins collection times.

On 11 March 2025, Council wrote to the applicant advising that reducing the third floor side eastern setback from 3m (existing) to a nil setback is not supported and that the 3m setback is to be retained. Council also requested clarification of proposed bonus floor space and height; parking clarification; allocation of the affordable housing component (the affordable housing component cannot utilise the existing affordable housing); and to provide shadow diagrams showing the existing and proposed overshadowing.

Amended plans were received 1 April 2025 which removed the proposed extension to the side eastern setback for Unit 21 on the third floor, retaining the existing 3m setback. As amended, the proposal has appropriately responded to the requests for information and provides an appropriate design response to the issues raised throughout the assessment. As the amendment will result in an improved outcome, the revised plans were not required to be renotified.

The assessment of the proposal against the relevant planning framework, and consideration of various design matters by Council's Technical Departments have not identified any fundamental issues of concern. Having regard to the matters for consideration under Section 4.15 of the Act, it is recommended that Development Application No. LDA2025/0021 be granted consent, subject to the recommended conditions of consent.



2. The Site & Locality

Figure 1 Aerial photograph of the site and locality. Ryde Maps April 2024.

The site is legally described as Lot 1 within DP 1251402 and is known as 13-15 Farm Street, Gladesville. The site is rectangular in shape and a corner allotment with a 26.1m frontage to Farm Street and 45m frontage to The Avenue. The site has a total site area of 1,295.8m². The northern rear boundary has a length of 27.9m and the eastern side boundary has a length of 46.5m.

The site has a moderate slope with a fall towards Farm Street of 5.8m from front to rear.

The site currently accommodates a 4 storey residential apartment building which was approved via LDA2018/0500 for construction of a part 3/part 4 storey residential apartment building containing 21 dwellings over basement parking for 26 vehicles. This DA was approved under the provisions of the State Environmental Planning Policy (Affordable Rental Housing) 2009.

Adjoining properties

The area surrounding the site is a mix of residential and commercial uses including adjacent multi-level apartment buildings to the east and north-west (along Victoria Road). There are commercial and light industrial uses along Victoria Road and to the west, and single and two storey dwellings to the south.

The streetscape of Farm Street is chiefly populated by single and two-storey dwellings to the south of the site. The adjacent neighbouring site to the east (11 Farm Street) is 4 storey multi-residential apartments with zero to 3m boundary setback with the subject site. Further east, a carpark caters for the Sawdust Hotel located at 390 Victoria Road, Gladesville.

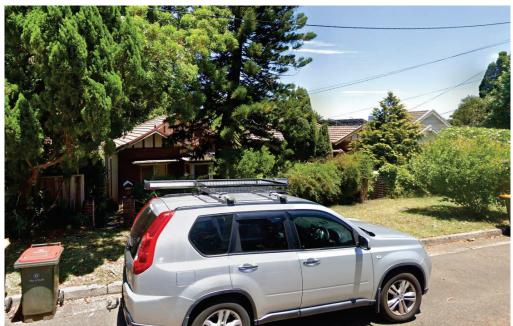


Figure 2: Residential dwellings on the opposite side (south of the site) in Farm Street. Generally single/two storey dwellings.



Figure 3: View of subject site from Farm Street.



Figure 4: 11 Farm Street, adjacent east of the site, a part 3/ part 4 storey RFB.

3. The Proposal (as amended)

This application is for the alterations and additions to the existing residential flat building, specifically to the upper two levels with the addition of a fifth storey as follows:

- Additional storey to accommodate a new 3 bedroom apartment on Level 5.
- A new covered area to part of the external courtyard of existing Unit 19 on Level
 4.
- Additions and alterations to Unit 21 on Level 3 to converting it from a studio to a 2 bedroom apartment.

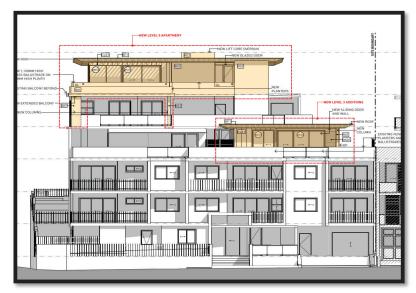


Figure 5: Elevation view from Farm Street. The proposed additions are shown coloured comprising an additional apartment (top left) to create new Level 5. This creates a covered area for part of the Unit 19 external courtyard. And extension of Unit 21 from a studio to 2 bedroom apartment (right).

4. History

4.1 Site History

Date	Comment
14 November 2019	LDA2018/0500 was approved by the Ryde Local Planning Panel as a Deferred Commencement Consent for construction of a part 3/part 4 storey residential apartment building containing 21 dwellings over basement parking for 26 vehicles. This DA was approved under the provisions of State Environmental Planning Policy (Affordable Rental Housing) 2009. The deferred commencement condition was satisfied, and the consent became operative on 11 December 2024.

4.2 Application History

Date	Comment
19 February 2025	The subject DA was lodged.
20 February to 8 March 2025	This DA was notified to surrounding properties. In response, 3 submissions were received.
11 March 2025	A letter was sent to the applicant requesting clarification on the bonus floor space proposed, amendment to the eastern side setback on the third floor level, allocation of the affordable housing component and amended shadow diagrams.
1 April 2025	Amended plans and information received.

5. PLANNING ASSESSMENT

Environmental Planning and Assessment Act 1979 – Section 4.15 Evaluation

In determining a development application, a consent authority is to take into consideration such of the following matters as are of relevance to the development:

Any environmental planning instrument

5.1 State Environmental Planning Instruments

State Environmental Planning Policy (Housing) 2021 – Chapter 2 Affordable housing.

The existing building was approved with provision for affordable housing. This approval was issued under the (now repealed) *State Environmental Planning Policy* (*Affordable Housing*) 2009.

This application now seeks consent to add to the existing constructed residential apartment building under the provisions of *State Environmental Planning Policy*

(Housing) 2021, to provide an additional 1 x 3 bedroom apartment and convert a studio
to a 2 bedroom apartment. The relevant clauses are considered below.

State Environmental Planning Policy (Housing) 2021 Chapter 2 Affordable housing		
Clause	Proposed	Compliance
Part 2 Development for affordable housing 15C Development to which division applies.		
 (1) This division applies to development that includes residential development if— (a) the development is permitted with consent under Chapter 3, Part 4, Chapter 5, Chapter 6 or another chapter 5 planning instrument 	Permitted under Part 4	Yes
environmental planning instrument, (b) the affordable housing component is at least 10%, and	The affordable housing component is 15%.	Yes
 (c) all or part of the development is carried out— (i) for development on land in the Six Cities Region, other than in the City of Shoalhaven or Port Stephens local government area—in an accessible area, or 	-	
 (ii) for development on other land—within 800m walking distance of land in a relevant zone or an equivalent land use zone. 	The subject site is located within a relevant land use zone – MU1.	Yes
(2) Affordable housing provided as part of development because of a requirement under another chapter of this policy, another environmental planning instrument or a	The proposed alterations and additions seek to deliver in-fill affordable housing.	
planning agreement is not counted towards the affordable housing component under this division.	The original DA (LDA2018/500) approved 20.8% of GFA as affordable housing (Units 2, 3, 4, 5, 6 & 7 on the first floor).	
	This proposal has allocated 295m² of floor space that is not part of the existing affordable allocation, being Units 8, 9, 14, 15 & 17 as shown on Plan No 24_040_DD-A-800.	Yes

Clause 16: Affordable housing requirements for		
additional floor space ratio	Site area = 1,295m ²	
 The maximum floor space ratio for development that includes residential development to which this division applies is the maximum permissible floor space ratio for the development on the land plus an additional floor space ratio of up to 30%, based on the minimum affordable housing component calculated in accordance with subsection (2). The minimum affordable housing component, which must be at least 10%, is calculated as follows— affordable housing component = additional floor space ratio ÷2 (as a percentage) 	The maximum FSR allowed is 1.15:1 being 1,489.25m ² . Additional bonus 30% = 1,936m ² FSR permitted: 1.49:1 Proposed: 1.49:1 30%/2 = 15% of the GFA of 1,936m ² = 290.4m ² to be provided as affordable housing.	Yes. Units 8, 9, 14, 15 & $17 = 297m^2$ as affordable housing, which is 15.34%.
 (3) If the development includes residential flat buildings or shop top housing, the maximum building height for a building used for residential flat buildings or shop top housing is the maximum permissible building height for the development on the land plus an additional building height that is the same percentage as the additional floor space ratio permitted under subsection (1). If the development on the land plus an additional building height that is the same percentage as the additional floor space ratio permitted under subsection (1). If the development on the land plus an additional floor space ratio permitted under subsection (1). If the development on the land plus are space ratio. If the development on the land plus are space ratio permitted under subsection (1). 	 Height bonus = 30% (same as floor space) The site has 2 height zones: 1. 9.5m (J) x 30% = 2.85 Max height = <u>12.35m</u> Proposed = 11.07m 2. 12m (M1) x 30% = 3.6 Max height = <u>15.6m</u> Proposed = 16.005m Noted. 	Yes (applying the same bonus percentage of 30%). No. Variation sought as discussed in the Clause 4.6 consideration below.
Clause 18 Affordable housing requirements for additional building height		
 This section applies to development that includes residential development to which this division applies if the development— (a) includes residential flat buildings or shop top housing, and (b) does not use the additional floor space ratio permitted under section 16. 	See above in Clause 16	
(2) The maximum building height for a building used for residential flat buildings or shop top housing is the maximum permissible building height for the development on the land plus an additional building	Height bonus = 30% (same as floor space)	

height of up to 30%, based on a minimum affordable housing component calculated in	The site has 2 height zones:	
accordance with subsection (3).(3) The minimum affordable housing component, which must be at least 10%, is calculated as follows—	1. 9.5m (J) x 30% = 2.85 Max height = <u>12.35m</u> Proposed = 11.07m	Yes
affordable housing component = additional building height ÷ 2 (as a percentage)	2. 12m (M1) x 30% = 3.6 Max height = <u>15.6m</u> Proposed = 16.005m (2.6% variation	No – Clause 4.6 variation submitted
Clause 19 non-discretionary development standards—the Act, s4.15		
(2) The following are non-discretionary development standards in relation to the residential development to which this division applies—		
 (a) a minimum site area of 450m², (b) a minimum landscaped area that is the lesser of— (i) 35m² per dwelling, or (ii) 30% of the site area, 	1,295.8m ² 30% of the site area = 388.5m ² Existing = 380m ² + 170m ² = 550m ² = 40%	Yes
	Same as approved via LDA2018/500.	
 (c) a deep soil zone on at least 15% of the site area, where— (i) each deep soil zone has minimum dimensions of 3m, and 	No changes to the approved landscaping.	Satisfactory as no change to existing
(ii) if practicable, at least 65% of the deep soil zone is located at the rear of the site,	Living area & open space of	
(d) living rooms and private open spaces in at least 70% of the dwellings receive at least 3 hours of direct solar access between 9am and 3pm at mid- winter,	the new additional Unit 22 will be able to receive solar access to its northern window between 11am to 2pm and solar access to the balcony area.	Yes
 (e) the following number of parking spaces for dwellings used for affordable housing— (i) for each dwelling containing 1 bedroom—at least 0.4 parking spaces, (ii) for each dwelling containing 2 bedrooms—at least 0.5 parking spaces, (iii) for each dwelling containing at least 3 bedrooms— at least 1 parking space, 	4 x 1 bedroom = 4 x 0.4 = 1.6 1 x 2 bedroom = 1 x 0.5 = <u>0.5</u> = 2.1	Yes
 (f) the following number of parking spaces for dwellings not used for affordable housing— (i) for each dwelling containing 1 bedroom—at 	$3 \times 0.5 = 1.5$ $8 \times 1 = 8.0$ $5 \times 1.5 = 7.5$ = 17.0	Yes
least 0.5 parking spaces, (ii) for each dwelling containing 2 bedrooms—at	Total = 19.1 = 20 spaces	
least 1 parking space, (iii) for each dwelling containing at least 3 bedrooms—at least 1.5 parking spaces,	Total provided = 26	
	New 3 bedroom = 115m ²	Yes

(g) the minimum internal area, if any, specified in the Apartment Design Guide for the type of residential development,	Converted 2 bedroom = 75m ²	
4D Apartment size and layout		
Apartments are required to have the following minimum internal areas with one bathroom:		
• Studio = 35m2;		
 1 bedroom = 50m2; 		
 2 bedroom = 70m2; 		
 3 bedroom = 90m2; 		
 4 bedroom = 102m2. 		
Note:		
Additional bathrooms increase the minimum internal area by 5m ² .		

Section 20 – Design Requirement

3) Development consent must not be granted to development under this division unless the consent authority has considered whether the design of the residential development is compatible with—

- (a) the desirable elements of the character of the local area, or
- (b) for precincts undergoing transition—the desired future character of the precinct.

The Section 20 requirements include that the consent authority is to be satisfied that the proposed development meets the desired future character for precincts undergoing transition.

The topography of the site slopes towards Farm Street, a level difference of 5.8m from front to rear. It is noted that the surrounding area primarily consists of single dwellings along Farm Street with commercial development to the rear/north of the site. The existing commercial development to the site's rear, along Victoria Road comprise of 2 to 3 storey office/warehouse buildings that has not yet been redeveloped. There is potential for redevelopment of this area along Victoria Road for 5 to 6 storey mixed use buildings.

The proposed additional storey will be located at the top of the existing building.

The proposed design is considered suitable for the site given the proposal is consistent with the desired future character of the locality by virtue of density and height provisions applicable to the site. The height and building separation non-compliances are relatively minor and is not considered to adversely impact on the existing character or the desired future character of the area.

In addition, the proposed development will support the delivery of additional in-fill affordable housing units in well-located areas as the site is serviced by existing infrastructure and services, including being within walking distance to public transport services.

Council's Urban Design Officer has reviewed the proposal against the 9 Design Principles for residential apartment development and has raised no objection. The

proposal was also assessed against the Apartment Design Guide (ADG) and considered to be suitable. See **Attachment 2** for further details.

Section 21 - Must be used for affordable housing for at least 15 years.

The affordable housing apartments are required to be managed by a registered community housing provider for a period of at least 15 years. The applicant has acknowledged this requirement, and a condition is included to ensure this requirement is satisfied.

Section 22 - Subdivision permitted with consent.

This clause states that the affordable housing apartments may be subdivided with consent from the relevant authority provided the subdivision plans are provided. However, subdivision is not proposed as part of this application.

State Environmental Planning Policy (Housing) 2021 – Chapter 4 Design of residential apartment development.

Section 145 requires the proposal to be reviewed by a design review panel. Given the relatively minor alterations and additions proposed, the application was referred to Council's Urban Designer. This position was adopted by Council following review of Section 144(3) that states:

- (3) This chapter applies to development only if
- (a) the development consists of
 - (i) the erection of a new building, or
 - *(ii)* the substantial redevelopment or substantial refurbishment of an existing building, or
 - (iii) the conversion of an existing building, and

(b) the building is at least 3 storeys, not including underground car parking storeys, and

(c) the building contains at least 4 dwellings.

The proposal seeks an additional apartment and alterations of an existing apartment. Such works are not considered substantial redevelopment.

The application was still referred to Council's Urban Designer who has provided comments in response to Schedule 1 (the 9 design quality principles) of the Apartment Design Guide and is in support of the proposal. See **Attachment 2** for further details.

Apartment Design Guide (ADG)

Detailed consideration of the proposal against the ADG is provided in **Attachment 2** as required by Clause 147(1)(b) of this SEPP.

The proposal generally complies with the controls. The non-compliances are discussed below:

Building separation

Minimum separation distances for buildings are:

Five to eight storeys (approx. 25m):

- 18m between habitable rooms/balconies
- 12m between habitable and non-habitable rooms
- 9m between non-habitable rooms

Proposed

This proposal introduces an additional floor (5th floor). On the basis of equitability, 50% of the separation distances required by the ADG are to be provided on the subject site.

Proposed 5th Floor

Eastern boundary (adjoining RFB at 11 Farm Street):

Required: 9.0m Proposed: 8.5m

This site is required to provide 9m building separation to the eastern boundary (the site's share of 18m). The proposed separation is 8.5m, being a shortfall of 500mm.

The approved and existing building at 11 Farm Street is set back approximately 3.1m from the common boundary between 13 and 11 Farm Street, as shown below. The resulting separation between the buildings is 11.8m.

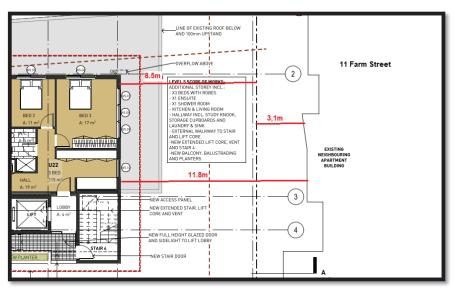


Figure 6: Floor plan illustrating the separation between the new addition and existing adjoining property along the eastern elevation.

The shortfall in the setback by the new apartment is not considered to pose adverse impacts such as overlooking, noise or overshadowing concerns from this non-compliance as:

- Only bedroom windows are proposed along the eastern elevation. A bedroom is not considered to be a high-use room;
- Along the western elevation of 11 Farm Street, there are screened bathroom windows, frosted bedroom windows and screen study windows, as shown below;
- There is only minor additional overshadowing to the western elevation of 11 Farm Street from 2pm onwards.

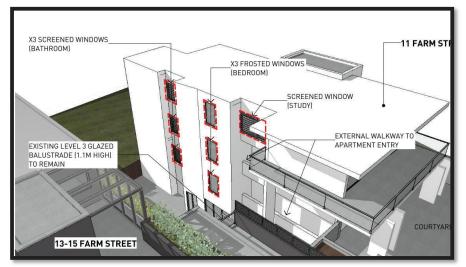


Figure 7: Western elevation of 11 Farm Street, facing the subject site.

Solar impact to adjoining properties.

Shadow diagrams have been submitted illustrating the existing and additional overshadowing impact from the proposed development.

The only property that will be impacted in terms of overshadowing is the adjoining property to the east (11 Farm Street). The properties on the opposite of Farm Street and The Avenue will not have any additional overshadowing as a result of this proposal.

The submitted shadow diagrams show that 11 Farm Street will have some additional overshadowing to their western elevation and courtyard area as shown below.

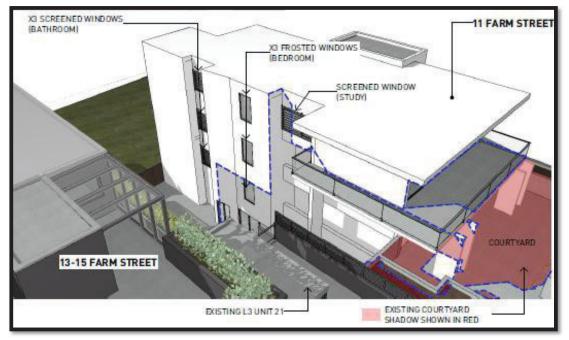


Figure 8: Existing overshadowing onto 11 Farm Street at 1pm.

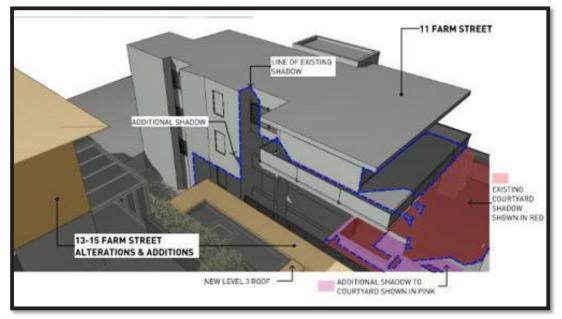


Figure 9: Additional overshadowing onto 11 Farm Street at 1pm.

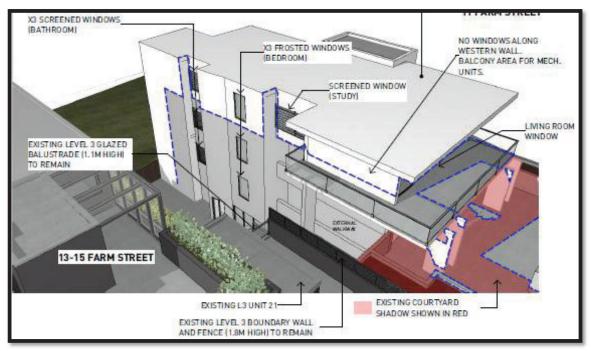


Figure 10: Existing overshadowing onto 11 Farm Street at 3pm.

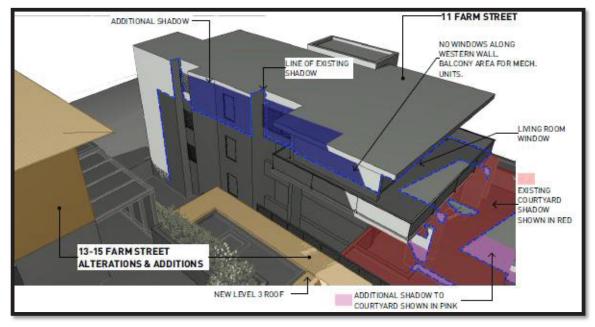


Figure 11: Additional overshadowing onto 11 Farm Street at 3pm to a bedroom and study room window and minor increase to the courtyard.

There are no living room windows located along the western elevation of 11 Farm Street, only a bathroom, bedroom and study room window.

Overshadowing to POS of the rear courtyards areas is unavoidable due to the orientation of the site. The existing situation is that the top floor rear courtyard (which is off their bedroom) will have some additional overshadowing to the western corner

of the balcony. However, this is relatively minor and given this is not their main POS, the impact is considered acceptable.

The overshadowing to the lower courtyard area (shown in pink) is to the building communal open space. The additional overshadowing is relatively minor, and the communal open space will still receive solar access to a large area of their COS (i.e. the mid and eastern sections). Figure 11 below illustrates the area of the COS of 11 Farm Street.

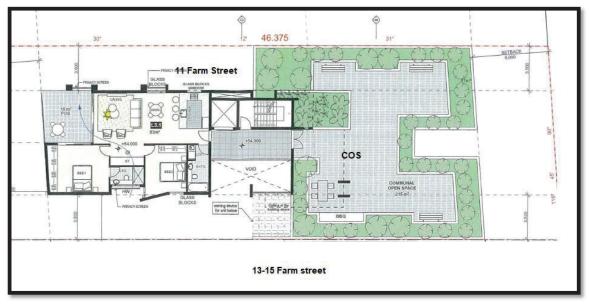


Figure 12: 11 Farm Street – location of the adjoining property's communal open space area.

State Environmental Planning Policy (Sustainable Buildings) 2022

State Environmental Planning Policy (Sustainable Buildings) 2022 applies to the development and aims to encourage sustainable residential development.

A BASIX certificate accompanies the development application and demonstrates that the proposal achieves compliance.

State Environmental Planning Policy (Resilience and Hazards) 2021 - Chapter 4 Remediation of Land

This SEPP aims to *'provide a State-wide planning approach to the remediation of contamination of land.'* Clause 4.6 of this SEPP requires Council to consider whether the site is contaminated, and if so whether it is suitable for the proposed development.

The former version of this SEPP (SEPP 55 Remediation of Land) was addressed in the original DA and this proposal does not alter the original assessment, which was adequately considered in the assessment of the proposal for the building.

Pursuant to Clause 4.6(1) considerations, the subject site is currently used for a residential purpose and this proposal does not affect the site at ground level. As such,

the site and existing building is unlikely to contain any contamination, and further investigation is not warranted in this case.

5.2 Ryde Local Environmental Plan 2014 (RLEP 2014)

Clause 2.3 - Zone Objectives

The land is zoned MU1 Mixed Use under RLEP 2014. The consent authority must have regard to the objectives for development in a zone when determining a development application in respect of land within the zone. The objectives for the MU1 Mixed Use are as follows:

- To encourage a diversity of business, retail, office and light industrial land uses that generate employment opportunities.
- To ensure that new development provides diverse and active street frontages to attract pedestrian traffic and to contribute to vibrant, diverse and functional streets and public spaces.
- To minimise conflict between land uses within this zone and land uses within adjoining zones.
- To encourage business, retail, community and other non-residential land uses on the ground floor of buildings.
- To ensure employment and educational activities within the Macquarie University campus are integrated with other businesses and activities.
- To promote strong links between Macquarie University and research institutions and businesses in the Macquarie Park corridor.

This DA is considered to maintain consistency with the above relevant objectives and will continue to provide additional residential accommodation, including affordable housing, within walking and cycling distance of retail and commercial development along Victoria Road and public transport bus routes to the city, Eastwood, Macquarie Park and West Ryde.

Part 4 – Principal Development Standards

The proposal satisfies the relevant provisions of the RLEP 2014 as discussed in the following table:

Ryde LEP 2014	Proposal	Compliance
Clause 4.3(2) Height	The site is subject to a maximum building height of 9.5m & 12m under the RLEP 2014. However, incorporating the 30% height bonus permitted under SEPP (Housing) 2021, the site is subject to a maximum building height of 12.35m & 15.6m, respectively. The proposed development includes a maximum building height of 15.6m within the section where the maximum height is 16.005m, which is a 0.405m or 2.6% height variation.	No – see Clause 4.6 discussion below.

Ryde LEP 2014	Proposal	Compliance
	In this instance, a Clause 4.6 Request to vary a development standard is submitted.	
Clause 4.4(2) Floor space ratio (FSR)	The site is subject to a maximum FSR control of 1.15:1 under the RLEP 2014. However, incorporating the 30% FSR bonus permitted under SEPP (Housing) 2021, the site is subject to a maximum FSR of 1.495:1. The proposed FSR is 1.495:1, which complies.	Yes
Clause 5.10	The site does not contain any heritage items nor is it	No impact to the
Heritage Conservation	located in a Heritage Conservation Area. The site is however in the vicinity of the 'Great North Road' (Victoria Road) which is an item of heritage significance listed on Schedule 5 of the RLEP 2014.	heritage significant of the road. The heritage significance of the Great North Road for this section of the road, is embodied within its historical road alignment in plan form rather than the physical attributes of fabric of the roadway. Furthermore, the site is located over 50m from Victoria Road, behind 394-396 Victoria as such the site's physical separation from the item the proposal is not considered to result in any adverse heritage impacts.
Clause 6.1 Acid sulfate soils	The site is not impacted by acid sulfate soils.	N/A
Clause 6.2 Earthworks	The proposed development does not include excavation as this work involve alterations and additions to an existing building.	N/A
Clause 6.4 Stormwater management	The proposal incorporates suitable stormwater management measures to integrate the alterations and additions into the existing system.	Yes

Clause 4.6 Exceptions to Development Standards – Height of Buildings

Clause 4.3(2) relates to maximum height for buildings and prescribes a maximum height of 9.5m and 12m under the RLEP 2014. However, incorporating the 30% height bonus permitted under SEPP (Housing) 2021, the site is subject to a maximum building height of 12.35m and 15.6m, respectively.

The proposal seeks a building height of 16.005m (on the northern part of the site) that exceeds the maximum height standard by 405mm or 2.6%. Figures 9 & 10 below illustrate the extent of the variation.

Clause 4.6 of the RLEP 2014 provides flexibility in the application of planning controls by allowing Council to approve a development application that does not comply with a development standard. The proposed development contravenes Clause 4.3(2) of the RLEP 2014. Clause 4.6(3) prescribes the following prerequisite to support a variation request:

- (3) Development consent must not be granted to development that contravenes a development standard unless the consent authority is satisfied the applicant has demonstrated that:
 - (a) Compliance with the development standard is unreasonable or unnecessary in the circumstances, and
 - (b) There are sufficient environmental planning grounds to justify the contravention of the development standard.

The applicant submitted a Clause 4.6 variation request prepared by Smith & Tzannes which is provided at **Attachment 3**. In response to the standard being 'unreasonable and unnecessary' applicant's main arguments are as under:

(3)(a) - Unreasonable or Unnecessary

- The proposal achieves the objectives of the standard notwithstanding the noncompliance.
- The particular context and circumstances of the site and arrangement of the plan that makes it unreasonable.
- The non-compliance is of such a minor nature and is not discernible from the public domain.

Consistent with objectives of the zone

The site is located within Zone MU1 Mixed Use. Due to the existing and ongoing residential use on site and the extent of the proposed development (on the upper levels only), the objectives relating to ground level and employment opportunities are not relevant. The relevant objective of the zone is:

• To minimise conflict between land uses within this zone and land uses within adjoining zones.

Applicant's response: The proposed residential additions are compatible with adjoining residential uses. There is no additional height proposed on the part of the site where there is a lower height limit to assist with the transition to the lower density zone to the south.

Consistent with objectives of Clause 4.3 Height of buildings

Despite the non-compliance with the development standard the proposed development is consistent with the relevant objectives of clause 4.3. In particular:

• To ensure that street frontages of development are in proportion with and in keeping with the character of nearby development.

Applicant's response: The source of the height exceedance is located in the middle of the site, minimising its visual impact from the public domain and surrounding areas.

• To minimise overshadowing and to ensure that development is generally compatible with or improves the appearance of the area.

Applicant's response: The overshadowing impacts of the proposed modification are minimal and the non-compliance with the height limit does not generate additional overshadowing impacts as the shadow falls on the roof of the proposed development.

• To minimise the impact of development on the amenity of surrounding properties.

Applicant's response: Acoustic and visual privacy impacts to neighbouring buildings are managed with adequate building separation and screening. Solar impacts resulting from the non-compliance do not impact surrounding properties.

Consistency with objectives of SEPP (Housing) 2021

Clause 15A of the SEPP (Housing) 2021 provides that the height bonuses in that division are provided to "facilitate the delivery of new in-fill affordable housing to meet the needs of very low, low and moderate income households."

Planning Comment

Agreed - the proposal achieves the objectives of Clause 4.3 of RLEP 2014 and Section 15A of SEPP (Housing) 2021 despite the height exceedance. The proposed variation results from the delivery of the lift overrun and the top of the parapet, which are relatively minor structures. Despite the variation, the proposal is able to achieve the objectives of the zone, development standard and the SEPP. The applicant has demonstrated that the compliance with the development standard would be unreasonable and unnecessary in this instance.

(3)(b) – Sufficient Environmental Planning Grounds

The applicant's 4.6 statement offers following environmental planning grounds in support of proposed variation:

Unique circumstances

The proposal is unique in that the development standard is being applied to an alteration and addition of an existing building – the level of the site under the existing building has been highly modified and does not reflect the natural fall of the topography.

In any other ordinary application (say a development application for this site where there is no existing building) the height plane would more closely match the natural topography.

It is unreasonable and a poor planning outcome to require compliance with a standard that does not preserve this natural topography and result in buildings that step with the topography.

Affordable Housing

The existing building is able to accommodate both additional floor space and height and meet this social demand with minimum impact and reduced costs compared to a brand new development. It also enables extension of existing affordable housing for a longer period of time.

Absurd outcome with strict compliance

The definition of ground level (existing) when applied on a site where an existing structure has altered the site levels results in absurd planning outcomes. The intent of the height standard is that the height of new development follows the natural falls of the topography.

It is then useful to compare the proposed development using a height plane that follows what would otherwise be the interpolated natural levels (using the Bettar approach). This is a useful test to establish environmental planning grounds as it demonstrates that the objectives of the height have been achieved – being a building that aligns with the topography of the site as viewed from outside the site.

Site and Context

The site is located in an area that has been designed for development of this scale and form. The additional storey is located away from the lower residential zone to reduce the visual and bulk and scale impacts. The design of the building is scaled to align with the natural topography of the site and present a well resolved streetscape.

Planning Comment

Clause 4.6(3)(b) of the Ryde LEP 2014 requires contravention to a development standard to be justified by demonstrating that there are sufficient environmental planning grounds to justify the contravention. The focus is on that aspect of the development that contravenes the development standard, not the development as a whole. Therefore, the environmental planning grounds advanced in the written request must justify the contravention of the development standard and not simply promote the benefits of carrying out the development as a whole (Initial Action at [24]).

In Four2Five, the Court found that the environmental planning grounds advanced by the applicant in a Clause 4.6 variation request must be particular to the circumstances of the proposed development on that site at [60]. The applicant has demonstrated that there are sufficient environmental planning grounds to justify contravention of the height of the building development standard in this instance due to:

- the topography of the site and
- the addition being applied to an existing building (where the level of the site under the existing building has been modified and does not reflect the natural fall of the topography and cannot lower the existing building).

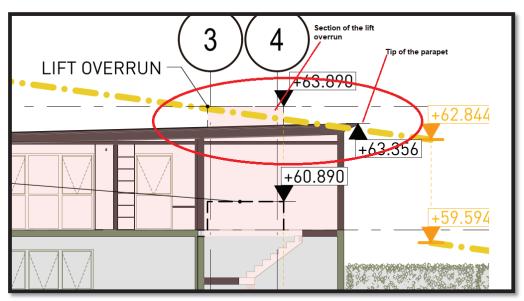


Figure 13: Cross section of the building illustrating the height limit (yellow dash line) and extent of lift overrun and parapet/eave variation.

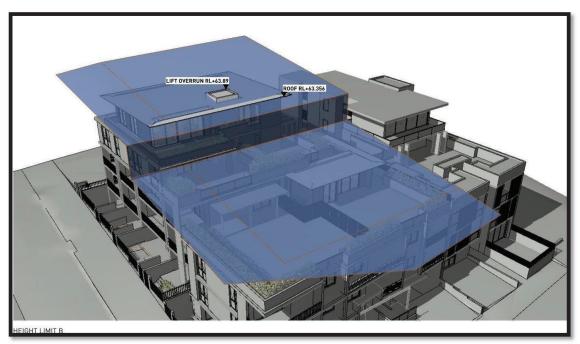


Figure 14: Height plane blanket (in blue) illustrating the extent of non-compliance (in grey).

5.3 Any Proposed Environmental Planning Instrument

Nil.

5.4 Development Control Plan

Ryde Development Control Plan 2014 (RDCP 2014)

The proposal is subject to the provisions of the following parts of the RDCP 2014:

Part 9.3: Parking Controls

The parking requirements set out in SEPP (Housing) 2021 are the prevailing controls associated with this development.

In accordance with the non-discretionary development standards set out in section 19(2)(e) of SEPP (Housing) 2021, the following number of parking spaces for dwellings used for affordable housing:

- (i) for each dwelling containing 1 bedroom at least 0.4 parking spaces, or (ii) for each dwelling containing 2 bedrooms – at least 0.5 parking space. or
- (iii) for each dwelling containing at least 3 bedrooms at least 1 parking space.

The table below shows the parking demand generated for the residential parking spaces under SEPP (Housing) 2021 and for visitor parking spaces under the Ryde DCP 2014:

	Unit Type	Quantity	Parking rate	Parking demand	Parking supply
	1 bed dwelling	2	Housing SEPP: 0.5 space/1 bed	1	
Non- affordable unit -	2 bed dwelling	8	Housing SEPP: 1 space/2 bed	8	
unit	3 bed dwelling	5	Housing SEPP: 1.5 space/3 bed	7.5	
	1 bed dwelling	3	Housing SEPP: 0.4 space/1 bed	1.2	26
Affordable unit	2 bed dwelling	3	Housing SEPP: 0.5 space/2 bed	1.5	
	3 bed dwelling	1	Housing SEPP: 1 space/3 bed	1	
		Total resident parking	<u>s</u>	21	
	Visitor	22 units	DCP: 1 visitor/5 dwelling	5	
Total parking number			26		
Bio	cycle		DCP: 10% of required parking	3	

Table 1: Parking demand in accordance with the relevant SEPP rate for residential apartments and DCP rate for visitors.

Council's Development Engineer has provided the following comments in relation to parking:

- The development proposes to increase unit numbers from 21 to 22. The proposal converts the existing Unit 21 studio on Level 3 into a 2-bedroom apartment and adds a new 3-bedroom apartment on Level 5.

- The applicant states that SEPP (Housing) 2021 has no visitor parking requirement and no visitor parking space is required for this development.

Clause 157(3) Affordable housing parking spaces of SEPP (Housing) 2021 states:

This section prevails over a provision in another chapter of this policy or another environmental planning instrument to the extent that other provision permits a lower number of parking spaces for dwellings used for affordable housing on the land.

Since SEPP (Housing) 2021 has not specified visitor parking rate/is silent in this aspect; the DCP parking rate for visitors will apply.

- Based on the DCP rate for visitors, no additional visitor parking spaces is required. The required visitor parking spaces for the development remain as the same as LDA2018/500, being 5 visitor spaces.
- Based on the above calculations, the development provides a total of 26 onsite parking spaces which complies with the SEPP requirement for the affordable and non-affordable housing components and DCP requirement for visitor spaces. The site currently has 26 onsite parking space and there is no additional parking space required/proposed for the proposed development.

Part 4.6 Gladesville Town Centre & Victoria Road Corridor

The site is not located within the Gladesville Town Centre. Therefore, the proposed development is not subject to the controls contained in Part 4.6 (Gladesville Town Centre and Victoria Road Corridor) of RDCP 2014.

5.5 Any Planning Agreement

There are no planning agreements or draft planning agreements for this development.

5.6 City of Ryde Section 7.11 Development Contributions Plan 2020

Council's current Section 7.11 Development Contributions Plan 2020 effective 1 July 2020 requires a contribution for the provision of various additional services required as a result of increased development density.

The contribution is based on the number of additional dwellings within the development proposal. In this instance, this DA will deliver 1 additional 3 bedroom unit and convert a 1 bedroom to a 2 bedroom unit.

Payment of Section 7.11 Contributions of \$25,899.55 has been included in the recommended conditions of consent.

5.7 Housing Productivity Contribution (HPC)

The HPC is only applicable for the new additional market unit which will be located within the new additional floor at Level 5. The applicable HPC has been included in the recommended conditions of consent.

5.8 The Regulations

Environmental Planning and Assessment Regulation 2021

The proposal is consistent with the Regulation. Standard conditions are recommended relating to compliance with the Building Code of Australia and relevant Australian Standards.

6. The likely impacts of that development

The assessment demonstrates that the proposal will not have any significant adverse impacts upon any adjoining properties or the environment in general due to the nature of the development.

The proposed addition and alterations are considered satisfactory with regards to visual/acoustic privacy and overshadowing despite the minor shortfall to the building separation along the eastern boundary, as discussed earlier in the report.

All relevant issues regarding environmental impacts of the development are discussed within this report. The development is considered satisfactory in terms of environmental impacts.

7. The suitability of the site for the development

The site is zoned MU1 Mixed use, and the proposal is for alterations and additions to upper portion of the existing residential flat building. The assessment has demonstrated the proposal is generally consistent with the statutory requirements and policy controls. The proposal results in a height exceedance which is supported by a satisfactory Clause 4.6 written variation request. The assessment demonstrates the proposal will not result in any significant adverse impacts upon the remainder of the building, adjoining properties, or the streetscape.

Therefore, the proposal is an appropriate development, and this has been demonstrated in this report. The continued residential use of this site is suitable for the development.

8. Any submissions

In accordance with the Ryde Community Participation Plan the proposal was notified to owners of surrounding properties between 20 February and 8 March 2025. During the notification period, 3 submissions were received objecting to the proposal.

The amended plans (received 1 April 2025) were not re-notified as the amended plans are considered to address/resolve issues raised by Council and the objectors. This was achieved by redesigning the setback between Unit 21 and the eastern side

boundary setback to be consistent with the original 3m setback as approved and constructed. This amendment is an improvement to the submitted proposal.

All concerns raised have been addressed below:

Issue Raised	Comment
Resident of the property opposite in Farm Street: Increase height in a neighbourhood of mostly single dwellings, this will decrease our privacy and overshadow the front yard.	The proposed additional unit (storey) is considered to be located appropriately with regard to the 'transitional' role that the site plays between the low density residential areas to the south and the commercial development (with the higher height limit) to the north. The increase in height is located away from the low density areas with the new unit well set back from the boundaries (between 8m-9.8m from the northern boundary; 4.5m from the eastern boundary; over 20m from the southern boundary; and 8.5m from the western boundary). The siting of the proposed works is focused on the northern part of the site and over 20m from Farm Street. This avoids potential visual privacy impacts to residential properties on the opposite side of Farm Street. This application was accompanied by shadow diagrams (see Plan 851) which demonstrate that the properties on the opposite side of Farm Street will not be overshadowed by the proposed alterations and additions.
Insufficient street parking to meet the demands of the current residents and the parking limitations that come into effect on a Monday night due to garbage collection, make this lack of street parking even worse. Often our garbage bins are not collected as the bins are moved to make way for car parking.	The proposal complies with the number of carparking spaces required for the development. The original approval provided more car parking than required and this development provides a total of 26 onsite parking spaces which complies with the SEPP requirement for affordable and non-affordable housing component and DCP requirement for visitor spaces. The site currently has 26 onsite parking space, there is no additional parking space required / proposed for the proposed development. The concerns of garbage bins not being picked up should continue to be referred to Council's Waste Officers when this occurs so the appropriate assistance can be provided.
Unclear as to what they are doing and what are they doing about parking.	An email was sent to the submitter advising of the proposal: The proposal is for 1 new 3 bedroom apartment on Level 5, and alterations to Unit 21 on Level 3 to convert it from a studio to a 2 bedroom unit. No additional parking spaces are proposed as the existing number of car parking complies with the planning control. No further submission was received from this objector.
Unable to access the document.	The objector was provided with a direct link to the documents on Council's website on the 'DA tracker.'

The issues raised in the submissions are considered in the above table and do not warrant refusal of this DA.

9. The Public Interest

The public interest is best served by the consistent application of the requirements of relevant Environmental Planning Instruments and by Council ensuring that any adverse effects on the surrounding area and the environment is minimised. The proposal has been assessed against the relevant environmental planning instruments and is considered to be acceptable. The proposal seeks variation to Clause 4.3 height of buildings under RLEP 2014 and has been supported by a satisfactory Clause 4.6 written request to vary a development standard. The proposal does not result in any significant adverse impacts upon adjoining properties or the streetscape. On this basis, the proposal is not considered to raise any issues that would be contrary to the public interest.

10. Referrals

The application was referred to the following stakeholders and their comments have formed part of the assessment:

Referral Body	Comments Received
Development Engineer	No objection, subject to conditions.
City Infrastructure - Waste Management	No objection, subject to conditions.
City Infrastructure - Traffic Engineer	No objection, subject to conditions.
Urban Designer	No objection.

11. Conclusion

After consideration of the development against section 4.15 of the Environmental Planning and Assessment Act 1979 and the relevant statutory and policy provisions, the site is suitable for the proposed development and is not contrary to the public interest. Therefore, it is recommended that the application be approved for the following reasons:

- The proposal is consistent with the relevant objectives of the MU1 Mixed Use zone.
- The proposal is supported by a satisfactory Clause 4.6 written request to vary Clause 4.3 Height of buildings under the RLEP 2014 which demonstrates compliance is both unreasonable and unnecessary; and has provided sufficient environmental planning grounds to support the variation in this instance.
- The proposal does not result in significant adverse impacts upon adjoining properties or the streetscape.
- The issues raised in submissions are sufficiently considered in this assessment report and do not warrant refusal of this application.
- The proposal is not contrary to the public interest.

12. Recommendation

A. THAT the Ryde Local Planning Panel accepts that the Clause 4.6 written request to vary the Clause 4.3 Height of buildings development standard in the Ryde Local Environmental Plan 2014 (subject to the bonus permitted by State Environmental Planning Policy (Housing) 2021) has adequately

addressed the matters in Clause 4.6(3) and will not be contrary to the public interest as it is consistent with the relevant objectives of the development standard and the relevant objectives of the MU1 Mixed Use Zone of Ryde Local Environmental Plan 2014.

- B. THAT the Ryde Local Planning Panel, as the consent authority, consent to Development Application LDA2025/0021 for alterations and additions to an existing residential flat building comprising alterations to Levels 3 and 4 and the addition of a fifth storey subject to the draft conditions contained in **Attachment 1**.
- C. That those who made a submission be advised of the decision.

ATTACHMENTS

Attachment 1: Recommended Conditions of Consent Attachment 2: Apartment Design Guide (ADG) Compliance Table Attachment 3: Clause 4.6 Written Variation Request to Height of Buildings Attachment 4: Proposed Plans (Architectural and Stormwater)

Report prepared by: Sandra McCarry Senior Planner

Report approved by: Holly Charalambous Senior Coordinator Development Assessment

Sohail Faridy Manager Development Assessment

Attachment 1 - General Conditions of Consent for – LDA2025/0021

		Condition		
1 Approve	ed plans and su	pporting docume	ntation	
approved		rried out in accorda iments, except whe e otherwise.		
Approve	ed plans			
Plan	Revision	Plan Title	Drawn by	Date of
Number				Plan
DD-A-0		Title	Smith & Tzannes	07/05/2025
DD-A-0	01 C	Notes	Smith & Tzannes	07/05/2025
DD-A-0	10 B	Site Analysis	Smith & Tzannes	31/03/2025
DD-A-0	11 C	Site Plan	Smith & Tzannes	07/05/2025
DD-A-0	21 B	Level 3 & 5 Demolition Plan	Smith & Tzannes	31/03/2025
DD-A-1	00 C	Level 3 Floor & Roof Plan	Smith & Tzannes	07/05/2025
DD-A-1	01 C	Level 5 Floor & Roof Plan	Smith & Tzannes	07/05/2025
DD-A-2	00 C	Elevations	Smith & Tzannes	07/05/2025
DD-A-2	01 C	Elevations	Smith & Tzannes	07/05/2025
DD-A-2	02 C	Sections	Smith & Tzannes	07/05/2025
DD-A-8	00 C	Area Calc / Apt Schedule	Smith & Tzannes	07/05/2025
DD-A-9	00 B	External Finishes	Smith & Tzannes	31/03/2025
D1	A	Stormwater Management Plan	Quantum Engineers	05/11/2024
D3	A	Level 3	Quantum Engineers	05/11/2024
D4	A	Level 4	Quantum Engineers	05/11/2024
D5	A	Level 5	Quantum Engineers	05/11/2024
D6	A	Roof Plan	Quantum Engineers	05/11/2024
	ved documents			
Docum	ent Title	Prepared by	Date of docume	

			Condition		
	BASIX C	Certificate No.	Smith & Tzannes	19/12/2024	
	A177881	1			
	Waste m	anagement Plan	Alix Dunbar	21/01/2025	
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			tion with Condition 'De	esign Amendme	ents.'
			sure all parties are awa		
			ion that applies to the		
2		ordable housing		ſ	
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		sion 1, other than-		•	
	(1)	development on	land owned by the La	nd and Housing	g
		Corporation, or	-		_
	(11)	a development a	application made by, o	r on behalf of, a	a public
		authority.			-
			development consent		e issue of
	an o		icate for the developm		
	(1)		st be registered, in acc		
			Act 1919, section 88E,		
			to the development (a		
			housing, as nomina		
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		and (II) are met,			
	(11)		agreement with a regis		
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		Housing Guideli	0	-	
	D) In th	nis section—			
	(I)		ing component has the		
		State Environme	ental Planning Policy (Housing) 2021,	section
		21.			
			riod of 15 years comm		
			ate is issued for all pa		ng or
	buildings	to which the devel	opment consent relate	es.	

	Condition
	Condition Reason: Prescribed condition under section 82 of the
	Environmental Planning and Assessment Regulation 2021.
3	Compliance with Building Code of Australia and insurance
	requirements under Home Building Act 1989
	A) It is a condition of a development consent for development that
	involves building work that the work must be carried out in
	accordance with the requirements of the Building Code of Australia.
	B) It is a condition of a development consent for development that
	involves residential building work for which a contract of insurance is
	required under the Home Building Act 1989, Part 6 that a contract of
	insurance is in force before building work authorised to be carried out
	by the consent commences.
	C) It is a condition of a development consent for a temporary structure
	used as an entertainment venue that the temporary structure must
	comply with Part B1 and NSW Part H102 in Volume 1 of the Building
	Code of Australia.
	D) In subsection (1), a reference to the Building Code of Australia is a
	reference to the Building Code of Australia as in force on the day on
	which the application for the construction certificate was made.
	E) In subsection (3), a reference to the Building Code of Australia is a
	reference to the Building Code of Australia as in force on the day on
	which the application for development consent was made.
	F) This section does not apply—
	(I) to the extent to which an exemption from a provision of
	the Building Code of Australia or a fire safety standard is in
	force under the Environmental Planning and Assessment
	(Development Certification and Fire Safety) Regulation 2021, or
	(II) to the erection of a temporary building, other than a temporary
	structure to which subsection (3) applies.
	Condition Reason: Prescribed condition under section 69 of the
4	Environmental Planning and Assessment Regulation 2021.
4	Erection of signs
	A) This section applies to a development consent for development
	involving building work, subdivision work or demolition work.
	B) It is a condition of the development consent that a sign must be
	erected in a prominent position on a site on which building work,
	subdivision work or demolition work is being carried out— (I) showing the name, address and telephone number of the
	 showing the name, address and telephone number of the principal certifier for the work, and
	(II) showing the name of the principal contractor, if any, for the
	building work and a telephone number on which the principal
	contractor may be contacted outside working hours, and
	(III) stating that unauthorised entry to the work site is prohibited.
	C) The sign must be—
	(I) maintained while the building work, subdivision work or
	demolition work is being carried out, and
	(II) removed when the work has been completed.
	D) This section does not apply in relation to—
	(I) building work, subdivision work or demolition work carried out
	inside an existing building, if the work does not affect the
	external walls of the building, or
	(II) Crown building work certified to comply with the Building Code
	of Australia under the Act, Part 6.

	Condition
	Condition Reason: Prescribed condition under section 70 of the
	Environmental Planning and Assessment Regulation 2021.
5	Notification of Home Building Act 1989 requirements
	 A) This section applies to a development consent for development involving residential building work if the principal certifier is not the council.
	 B) It is a condition of the development consent that residential building work must not be carried out unless the principal certifier for the development to which the work relates has given the council written notice of the following— (I) for work that requires a principal contractor to be appointed— (1) the name and licence number of the principal contractor, and (2) the name of the insurer of the work under the Home Building Act 1989, Part 6, (II) for work to be carried out by an owner-builder— (1) the name of the owner-builder, and
	 (2) if the owner-builder is required to hold an owner-builder permit under the Home Building Act 1989—the number of the owner-builder permit. C) If the information notified under subsection (2) is no longer correct, it is a condition of the development consent that further work must not be carried out unless the principal certifier has given the council written notice of the updated information. D) This section does not apply in relation to Crown building work certified to comply with the Building Code of Australia under the Act, Dent C
	Part 6. Condition Reason: Prescribed condition under section 71 of the
6	Environmental Planning and Assessment Regulation 2021.
6	Fulfilment of BASIX commitmentsIt is a condition of a development consent for the following that each commitment listed in a relevant BASIX certificate is fulfilled—A)BASIX development,B)BASIX optional development, if the development application was accompanied by a BASIX certificate.
	Condition reason: Prescribed condition under section 75 of the
	Environmental Planning and Assessment Regulation 2021.
7	Site maintenance The site is to be regularly maintained in a tidy manner such that it does not become overgrown with weeds or subject to the leaving or dumping of waste.
	Condition reason: To protect the amenity of the locality.
8	Noise mitigationTo minimise noise emitted from ancillary elements, such as air-conditioning units, the equipment must be installed in accordance with the manufacturer's specification and noise attenuation measures implemented so that noise emitted does not exceed 5dB(A) above the background noise level when measured on or within any other residential property boundary.Condition reason:To protect the amenity of the locality.
9	Protection of public domain
3	The public domain must not be obstructed by any materials, vehicles, refuse, skips or the like, under any circumstances, without prior approval from Council.

	Condition
	Condition reason: To ensure public safety.
10	Design and Construction Standards
	All engineering plans and work inside the property shall be carried out in accordance with the requirements of the relevant Australian Standard. All Public Domain works or modification to Council infrastructure which may be located inside the property boundary, must be undertaken in accordance with Council's DCP Part 8.5 (Public Civil Works) and Part 8.2 (Stormwater and Floodplain Management), except otherwise as amended by conditions of this consent.
	Condition Reason: To ensure that all works are undertaken in accordance with any relevant standard and DCP requirements.
11	Public Utilities and Service Alterations
	All mains, services, poles, etc., which require alteration due to works associated with the development, shall be altered at the Applicant's expense. The Applicant shall comply with the requirements (including financial costs) of the relevant utility provider (e.g. AusGrid, Sydney Water, Telstra, TfNSW, Council, etc) in relation to any connections, works, repairs, relocation, replacement and/or adjustments to public infrastructure or services affected by the development.
	Condition Reason: Protection of infrastructure and compliance with relevant Authorities requirements.
12	Restoration Public areas must be maintained in a safe condition at all times. Restoration of disturbed road and footway areas for the purpose of connection to public utilities, including repairs of damaged infrastructure as a result of the construction works associated with this development site, shall be undertaken by the Applicant in accordance with Council's standards and specifications, and DCP Part 8.5 (Public Civil Works), to the satisfaction of Council.
	Condition Reason: To ensure the amenity and state of the public domain is maintained.
13	Traffic management
	Traffic management procedures and systems must be in place and practised during the works period to ensure safety and minimise the impact on adjoining pedestrian and vehicular traffic systems in accordance with AS 1742.3 - 2019 and Council's DCP Part 8.1 (Construction Activities). Condition reason: To ensure that appropriate procedures are in place to assist with the safety of all affected road users within the public domain
14	when works are being undertaken.
	Road activity permits Prior to carrying out any work in, on or over a road reserve, consent from Council is required as per the Roads Act 1993. The person acting on the consent is required to review the "Road Activity Permits Checklist" (available from Council's website: <u>https://www.ryde.nsw.gov.au/files/assets/public/forms-and-documents/2023-</u> <u>07-road-activity-permits-checklist.pdf</u>) and apply for the relevant permits for approval by Council. Types of road activity permits potentially required including Road Use Permit, Work Zone Permit, Road / Footpath / Driveway / Nature Strip / Kerb and Gutter Opening Permit, Temporary Placement of Elevated Tower, Crane or Concrete Pump, Operation of a Crane Over Air Space Permit, Construction Hoarding Permit and Skip Bin on Nature Strip Permit. Penalties apply for failure to comply.

Condition rea	son: To ensure the amenity and state of the public domain is
maintained.	

DEMOLITION WORK

15	Ashastas removal simples
15	Asbestos removal signage
	Before demolition work commences involving the removal of asbestos, a
	standard commercially manufactured sign containing the words 'DANGER:
	Asbestos removal in progress' (measuring not less than 400mm x 300mm)
	must be erected in a prominent position at the entry point/s of the site and
	maintained for the entire duration of the removal of the asbestos.
	Condition Reason: To alert the public to any danger arising from the
	removal of asbestos.
16	Notice of commencement for demolition
	At least one week before demolition work commences, written notice must
	be provided to council and the occupiers of neighbouring premises of the
	work commencing. The notice must include:
	A) name
	B) address,
	C) contact telephone number,
	D) licence type and license number of any demolition waste removal
	contractor and, if applicable, asbestos removal contractor, and
	E) the contact telephone number of council and
	F) the contact telephone number of SafeWork NSW (4921 2900).
	Condition Reason: To advise neighbours about the commencement of
	demolition work and provide contact details for enquiries.
17	Disposal of site materials
17	Any materials requiring off-site disposal must be classified, managed and
	disposed of in accordance with the Protection of the Environment
	Operations Act 1997 and the NSW Environment Protection Authority's
	Waste Classification Guidelines.
	Condition reason: To protect the environment.
18	Noise control for work sites
	Any noise generated during demolition must not exceed the limits specified
	in the Protection of the Environment Operations Act 1997 and in
	accordance with the NSW EPA Draft Construction Noise Guidelines. Works
	are to follow the below hours:
	A) 7 am to 6 pm, Monday to Friday
	B) 8 am to 1 pm, Saturday
	C) No works are to be undertaken on Sundays or Public Holidays.
	Condition reason: To protect the amenity of surrounding properties and
	the general public.

BEFORE ISSUE OF A CONSTRUCTION CERTIFICATE

19	Housing and productivity contributi	on
	Before the issue of a construction cert contribution (HPC) set out in the table	
	Housing and productivity contribution	Amount

	Housing and productivity	\$ 10,710.65
	contribution (base component)	\$ 10,7 10.03
	Total housing and productivity	\$ 10,710.65
	contribution	\$ 10,7 10.05
	The HPC must be paid using the NSW	/ planning portal.
	At the time of payment, the amount of accordance with the Environmental Pla Productivity Contributions) Order 2024	anning and Assessment (Housing and
	The HPC may be made wholly or partly (apart from any transport project comp the Environmental Planning and Asses	onent) if the Minister administering
	The HPC is not required to be made to agreement excludes the application of Environmental Planning and Assessme the HPC Order exempts the developm	Subdivision 4 of Division 7.1 of the ent Act 1979 to the development, or
	The amount of the contribution may be including if payment is made before 1.	
	Condition Reason: To require contrib	
	regional infrastructure.	
20	Section 7.11	fights a manatamy contribution for
	Before the issue of a construction certil	
	the services as detailed in the table be Column A and for the amount in Colun	
	follows:	In B must be made to Council as
	Column A – Contribution Type	Column B – Contribution
	Community & Cultural Excilition	Amount \$7,849.89
	Community & Cultural Facilities	₽ <i>1</i> ,049.09
	Onen Chase 9 Deens stien Facilities	¢40 F47 40
	Open Space & Recreation Facilities	\$13,517.18
	Roads & Traffic Management Facilitie	es \$4,149.73
	Roads & Traffic Management Facilitie Plan Administration	es \$4,149.73 \$382.75
	Roads & Traffic Management Facilitie	es \$4,149.73
	Roads & Traffic Management Facilitie Plan Administration	es \$4,149.73 \$382.75 \$25,899.55 visions of Section 7.11 of the ent Act 1979 as specified in City of
	Roads & Traffic Management FacilitiePlan AdministrationThe total contribution isThese are contributions under the proventionEnvironmental Planning and AssessmerRyde Section 7.11 Development Contribution	es \$4,149.73 \$382.75 \$382.75 \$25,899.55 visions of Section 7.11 of the ent Act 1979 as specified in City of ributions Plan 2020, effective from 1 date of this consent and are subject the basis of the contribution rates Such adjustment for inflation is by coublished by the Australian Bureau and may result in contribution
	Roads & Traffic Management FacilitiePlan AdministrationThe total contribution isThese are contributions under the proventionEnvironmental Planning and AssessmerRyde Section 7.11 Development ContributionJuly 2020.The above amounts are current at the to quarterly adjustment for inflation on that are applicable at time of payment.reference to the Consumer Price Index of Statistics (Catalogue No 5206.0) – a	es \$4,149.73 \$382.75 \$382.75 \$25,899.55 visions of Section 7.11 of the ent Act 1979 as specified in City of ributions Plan 2020, effective from 1 date of this consent and are subject the basis of the contribution rates Such adjustment for inflation is by c published by the Australian Bureau and may result in contribution above. ard only), CASH or a BANK CHEQUE

	inspected at the Ryde Customer Service Centre, 1 Pope Street Ryde	
	(corner Pope and Devlin Streets, within Top Ryde City Shopping Centre) or	
	on Council's website http://www.ryde.nsw.gov.au.	
	Details are to be provided to the principal certifier.	
	Condition reason: Statutory requirement.	
21	Design amendments	
	Before the issue of a construction certificate, the principal certifier must	
	ensure the construction certificate plans and specifications detail the	
	following required amendments to the approved plans and documents:	
	A) Landscape Plan shall be provided for the rooftop planters to include	
	the following:	
	(I) A planting schedule and plan of management for the planters.	
	Condition Reason: To require minor amendments to the plans endorsed	
	by the consent authority following assessment of the development.	
22		
	Construction Site Management Plan Before the issue of a construction certificate, a construction site	
	management plan must be prepared, and provided to principal certifier. The	
	plan must include the following matters:	
	A) Provisions for public safety;	
	B) Pedestrian and vehicular site access points and construction activity	
	zones;	
	C) Details of construction traffic management including:	
	D) Measures to ensure pedestrian safety near the site;	
	E) The location of site storage areas and sheds;	
	F) The equipment used to carry out works;	
	G) The location of a garbage container with a tight-fitting lid;	
	H) Dust, noise and vibration control measures;	
	I) The location of temporary toilets;	
	A copy of the construction site management plan must be kept on-site at all	
	times while work is being carried out.	
	Condition Reason: To require details of measures that will protect the	
	public, and the surrounding environment, during site works and	
	construction.	
23	Long Service Levy	
	Before the issue of the relevant construction certificate, the long service	
	levy of 0.25% of the cost of works must be paid to the Long Service	
	Corporation of Council under the Building and Construction industry Long	
	Service Payments Act 1986, section 34, and evidence of the payment is to	
	be provided to principal certifier.	
	Condition Reason : To ensure the long service levy is paid.	
24	Payment of security deposits	
	Before the issue of the relevant construction certificate, the applicant must:	
	A) make payment for a security deposit to the consent authority under	
	the category of: other buildings with delivery of bricks or concrete or	
	machine excavation; and	
	B) if a principal certifier is required to be appointed for the development	
	 – provide the principal certifier with written evidence of the payment 	
	and the amount paid.	
	Condition Reason : To ensure any damage to public infrastructure is	
25	rectified and public works can be completed. Structural certification	
	STUCTORAL CONTREMINION	

	Before to the issue of a construction certificate, structural certification		
	prepared from a qualified practising structural engineer must be provided to the principal certifier.		
	Condition reason: To ensure the structural adequacy of the development.		
26			
_	Before the issue of a construction certificate, the principal certifier must		
	ensure that the construction certificate plans demonstrate the roofing and		
	other external materials and finishes are of low glare and reflectivity.		
	Condition reason: To ensure the use of appropriate material.		
27	Vehicle Access & Parking		
21	All internal driveways, vehicle access ramp, vehicle turning areas, garages		
	and vehicle parking space/ loading bay dimensions must be designed and		
	constructed to comply with the relevant section of AS 2890 (Off-street		
	Parking standards) for all types of vehicles accessing the parking area.		
	Condition Reason: To ensure the vehicle access and parking area is in		
	accordance with the require standards and safe for all users.		
28	Stormwater Management		
	To ensure the management of stormwater runoff from the development is		
	undertaken without impact to the subject site, neighbouring properties or		
	receiving drainage system, stormwater runoff from the development shall be		
	collected and discharged to the approved point of discharge in accordance		
	with the requirements of Council's DCP 2014 Part 8.2 (Stormwater and		
	Floodplain Management), associated annexures, and generally in		
	accordance with the approved Stormwater Management, as noted in the		
	marked up stormwater plan D3. Accordingly, detailed engineering plans and		
	certification demonstrating compliance with this condition are to be		
	submitted with the application for a Construction Certificate.		
	Condition Reason: To ensure that the developments stormwater		
	management system is aligned with the controls and objectives of the City		
	of Ryde DCP 2014 Part 8.2.		
29	Apartment Noise Attenuation Design		
	Before the issue of a construction certificate, A qualified acoustical engineer		
	with membership of the Association of Australasian Acoustical Consultants		
	(AAAC) must certify that the new additional unit has been designed to		
	minimise the noise intrusion from any internal or external noise source and		
	when constructed achieve a 5 star rating under the AAAC Guideline for		
	Apartment and Townhouse Acoustic rating Version 1.0. Details of		
	compliance are to be submitted with the relevant plans for a Construction		
	Certificate to the satisfaction of the principal certifier.		
	Condition reason: To comply with best practice standards for residential		
	acoustic amenity.		

BEFORE BUILDING WORK COMMENCES

30	Payment of fees
	Before any site work commences, the following must be paid to council and
	written evidence of these payments provided to the principal certifier:
	A) Infrastructure Restoration Inspection and Administration Fee.
	Condition Reason: To ensure fees are paid for inspections carried out by
	council in connection with the completion of public work such as footway
	construction or stormwater drainage required in connection with the consent
	or the making good of any damage to council property.
31	Provision of contact details and neighbour notification

Before any site work commences, (at least 7 days) City of Ryde must be
notified of the following particulars:
A) The name, address, telephone contact details and licence number
of the person responsible for carrying out the work; and
B) The date the work is due to commence and the expected completion
date.
C) A written notice must be placed in the letter box of each adjoining
property advising of the date the work is due to commence.
Condition reason: To ensure Council and adjoining properties are notified
of demolition works.

DURING CONSTRUCTION

32	Hours of work
	Site work must only be carried out between the following times:
	 Monday to Friday - 7.00am and 7.00pm (other than public holidays)
	Saturday - 8.00am and 4.00pm
	Site work is not to be carried out outside of these times except where there
	is an emergency, or for urgent work directed by a police officer or a public
	authority.
	Condition Reason : To protect the amenity of the surrounding area.
33	Implementation of the site management plans
	While site work is being carried out the measures required by the
	construction site management plan must be implemented at all times, and
	a copy of these plans must be kept on site at all times and made available
	to council officers upon request.
	Condition Reason: To ensure site management measures are
	implemented during the carrying out of site work.
34	Noise and Vibration requirements
	While site work is being carried out, noise generated from the site must not
	exceed an LAeq (15 min) of 5db(A) above background noise, when
	measured at a lot boundary of the site.
	Condition Reason : To protect the amenity of the neighbourhood during
	construction.
35	Procedure for critical stage inspections
	While building work is being carried out, the work must not continue after
	each critical stage inspection unless the principal certifier is satisfied the
	work may proceed in accordance with this consent and the relevant
	construction certificate. Condition Reason: To require approval to proceed with building work
	following each critical stage inspection.
36	
30	Waste vehicle access to neighbouring properties
	While site work is being carried out, the roadway must not be obstructed
	by any materials, vehicles, refuse, skips, or the like, under any
	circumstances. Unobstructed access to neighbouring properties must be
	maintained to ensure waste collection can be provided during 5AM to 11
	AM on waste collection days.
	Condition reason: To ensure waste collection services can be provided to
	neighbouring properties to construction sites.
37	Traffic Management
	Traffic management procedures and systems must be implemented during
	the construction period to ensure a safe environment and minimise impacts

	to pedestrian and other vehicle traffic. Any traffic management procedures and systems must be in accordance with AS 1742.3 2019 and the DCP 2014 Part 8.1 (Construction Activities).
	Condition Reason: To ensure public safety and minimise any impacts to the adjoining pedestrian and vehicular traffic systems.
38	Stormwater Management (Construction)
	The stormwater drainage system on the site must be constructed in accordance with the Construction Certificate version of the Stormwater Management Plan and any requirements of Council in relation to the connection to the public drainage system.
	Condition Reason: To ensure the stormwater system is constructed as
	approved.
39	Construction materials
	While site work is being carried out, all materials associated with construction must be retained within the site.
	Condition reason: To ensure the public domain is not affected during construction.
40	Consent documents available on site
	At all times during the construction, a copy of the development consent and approved stamped plans are to be kept on site. These documents are to be made available to any Council Officer as requested.
	Condition reason: To ensure Council Officers are able to access the consent during any site inspection.

BEFORE ISSUE OF AN OCCUPATION CERTIFICATE

4.4			
41	Stormwater Management (Work-as-Executed Plan)		
	A Work-as-Executed plan (WAE) of the as constructed Stormwater		
	Management System must be submitted with the application for an		
	Occupation Certificate. The WAE must be prepared and certified (signed		
	and dated) by a Registered Surveyor and is to clearly show the constructed		
	stormwater drainage system (including any onsite detention, pump/ sump,		
	charged/ siphonic and onsite disposal/ absorption system) and finished		
	surface levels which convey stormwater runoff.		
	Condition Reason: To clarify the configuration of the completed		
	stormwater management system.		
42			
42	Drainage System Maintenance Plan		
	A drainage system maintenance plan (DSMP) must be prepared for		
	implementation for the ongoing life of the development. The DSMP must		
	contain the following:		
	A) All matters listed in Section 1.4.9 of Council's DCP Part 8.2		
	(Stormwater and Floodplain Management – Technical Manual).		
	B) The DSMP is to incorporate a master schedule and plan identifying		
	the location of all stormwater components crucial to the efficient		
	operation of the trunk drainage system on the development lot. This is		
	to include (but not be limited to) pump/sump systems, WSUD		
	components and all onsite detention systems. The master plan is also		
	to contain the maintenance schedule for each component.		
	C) The DSMP is also to include safe work method statements relating to		
	access and maintenance of each component in the maintenance		
	schedule.		
	•		

	 D) Signage is to be placed in vicinity of each component, identifying the component to as it is referred in the DSMP (e.g. OSD – 1), the reference to the maintenance work method statement and maintenance routine schedule. E) Designate areas inside the property in which the maintenance from operation is to be undertaken for each component. Maintenance from 	
	 the road reserve or public domain is not accepted. Areas are to be demarcated if required. F) Locate a storage area for maintenance components / tools to be 	
	stored on site. The location is to be recorded in the DSMP.	
	The DSMP is to be prepared by a suitably qualified and practising drainage engineer in co-operation with a workplace safety officer (or similar qualified personal) and all signage / linemarkings are to be implemented prior to the issue of any Occupation Certificate.	
	Condition Reason: To ensure the approved stormwater components such as onsite detention system, pumps and WSUD measures, function as designed for the ongoing life of the development.	
43	Engineering Compliance Certificates	
	Before the issue of any Occupation Certificate, a compliance certificate prepared by a suitably qualified engineer, to the satisfaction of the principal certifier, detailing:	
	 A) Confirming that the Stormwater Management system (including any constructed ancillary components such as onsite detention) servicing the development complies with Council's DCP 2014 Part 8.2 (Stormwater and Floodplain Management) and associated annexures, and has been constructed to function in accordance with all conditions of this consent relating to the discharge of stormwater from the site. 	
	B) Confirming that erosion and sediment control measures were implemented during the course of construction and were in accordance with the manual "Managing Urban Stormwater: Soils and Construction" by the NSW Department – Office of Environment and	
	 Heritage and Council's DCP 2014 Part 8.1 (Construction Activities). Compliance certificate from Council's City Infrastructure section confirming that all external works in the public road reserve and any alteration to Council assets located in the property (if applicable) have been completed to Council's satisfaction. 	
	Condition Reason: To ensure that all engineering components are completed to the satisfaction of an appropriately qualified person, prior to occupation or use of the development.	
44	BASIX	
44		
	Before the issue of any occupation certificate, documentary evidence of compliance with all commitments listed in the approved BASIX	
	Certificate(s) is to be provided to the principal certifier.	
	Condition reason: Statutory requirement.	
L		

OCCUPATION AND ONGOING USE

45	Stormwater Management (Implementation of maintenance program)	
	The stormwater management system components are to be maintained for	
	the ongoing life of the development by the owner / strata management /	

	T		
	owners corporation, as per the details in the approved drainage system maintenance plan (DSMP).		
	Condition Reason: To ensure the stormwater management system is		
	appropriately maintained for the life of the development.		
46	Parking Allocation		
	Both the owner and occupier of the development must provide and maintain		
	the minimum parking allocation of 26 onsite residential spaces (including 5		
	visitor parking spaces).		
	Condition Reason: To ensure the development maintains the capacity and		
	allocation of parking spaces on the site.		
47	Air conditioning equipment on residential premises		
	During ongoing use of the site, the air conditioning equipment must not:		
	A) emit noise that is audible within a habitable room in any other		
	residential property (regardless of whether any door or window to that		
	room is open):		
	B) before 8am and after 10pm on any Saturday, Sunday or public		
	holiday; or		
	C) before 7am and after 10pm on any other day.		
	D) emit a sound pressure level when measured at the boundary of any		
	other residential property, at a time other than those as specified in		
	(1), which exceeds the background (LA90, 15 minute) by more than		
	5dB(A).		
	The source noise level must be measured as a LAeq 15 minute.		
	Condition Reason: To ensure the use of air conditioning equipment on		
	residential premises does not give noise to offensive noise.		
L			

General advisory notes

This consent contains the conditions imposed by the consent authority which are to be complied with when carrying out the approved development. However, this consent is not an exhaustive list of all obligations which may relate to the carrying out of the development under the EP&A Act, EP&A Regulation and other legislation. Some of these additional obligations are set out in the <u>Conditions of development</u> <u>consent: advisory notes</u>. The consent should be read together with the <u>Conditions of development</u> consent: advisory notes to ensure the development is carried out lawfully.

The approved development must be carried out in accordance with the conditions of this consent. It is an offence under the EP&A Act to carry out development that is not in accordance with this consent.

Building work or subdivision work must not be carried out until a construction certificate or subdivision works certificate, respectively, has been issued and a principal certifier has been appointed.

A document referred to in this consent is taken to be a reference to the version of that document which applies at the date the consent is issued, unless otherwise stated in the conditions of this consent.

Dictionary

The following terms have the following meanings for the purpose of this determination (except where the context clearly indicates otherwise):

Approved plans and documents means the plans and documents endorsed by the consent authority, a copy of which is included in this notice of determination.

AS means Australian Standard published by Standards Australia International Limited and means the current standard which applies at the time the consent is issued.

Building work means any physical activity involved in the erection of a building.

Certifier means a council or a person that is registered to carry out certification work under the *Building and Development Certifiers Act 2018*.

Construction certificate means a certificate to the effect that building work completed in accordance with specified plans and specifications or standards will comply with the requirements of the EP&A Regulation and *Environmental Planning and Assessment (Development Certification and Fire Safety) Regulation 2021.*

Council means the City of Ryde.

Court means the Land and Environment Court of NSW.

EPA means the NSW Environment Protection Authority.

EP&A Act means the Environmental Planning and Assessment Act 1979.

EP&A Regulation means the *Environmental Planning and Assessment Regulation* 2021.

Independent Planning Commission means Independent Planning Commission of New South Wales constituted by section 2.7 of the EP&A Act.

Local planning panel means Ryde Local Planning Panel.

Occupation certificate means a certificate that authorises the occupation and use of a new building or a change of building use for an existing building in accordance with this consent.

Principal certifier means the certifier appointed as the principal certifier for building work or subdivision work under section 6.6(1) or 6.12(1) of the EP&A Act respectively.

Site work means any work that is physically carried out on the land to which the development the subject of this development consent is to be carried out, including but not limited to building work, subdivision work, demolition work, clearing of vegetation or remediation work.

Stormwater drainage system means all works and facilities relating to: the collection of stormwater,

the reuse of stormwater,

the detention of stormwater,

the controlled release of stormwater, and

connections to easements and public stormwater systems.

Strata certificate means a certificate in the approved form issued under Part 4 of the *Strata Schemes Development Act 2015* that authorises the registration of a strata plan, strata plan of subdivision or notice of conversion.

Subdivision certificate means a certificate that authorises the registration of a plan of subdivision under Part 23 of the *Conveyancing Act* 1919.

Subdivision works certificate means a certificate to the effect that subdivision work completed in accordance with specified plans and specifications will comply with the requirements of the EP&A Regulation.

Sydney district or regional planning panel means Sydney North Planning Panel (SNPP).

Attachment 2 - Apartment Design Guide Compliance Table

- 9 Design Principles (Urban Design Comments)
- Apartment Design Guide Table of Compliance

SEPP HOUSING 2021	
Design Quality of Residential Flat Buildings	Comments
Context and Neighbourhood Character	Works are minor in nature and are unlikely to negatively impact neighbourhood character.
	Assessment officer's comments Noted
Built Form and Scale	Height appears to comply with provisions.
	Setback dimensions are required to assess alignment with ADG Design Criteria.
	Proposed roof form looks to resolve the current poor parapet design – improving the visual outcome.
	Assessment officer's comments Setbacks suitable. Further assessment of side setback provided below.
Density	Intensification is minor in nature. No comments.
Sustainability	The applicant is encouraged to develop the design to achieve a NatHERs rating > 7.5 for new apartments.
	The applicant is encouraged to prepare thermal and glare modelling for new apartments.
	Assessment officer's comments BASIX submitted – complies.
Landscape	The applicant is encouraged to provide planting schedule and plan of management for proposed rooftop planters.
	Assessment officer's comments A condition has been imposed requiring a landscaping plan to be provided for the rooftop planters.
Amenity	The applicant should indicate any privacy screening required to achieve alignment with ADG design objectives.
	Living rooms should be designed for flexibility of furnishing and have sufficient space for circulation.
	Assessment officer's comments ADG requirement satisfied and there are no overlooking impacts.

Safety	No comments
	Assessment officer's comments Suitable in terms of safety.
Housing Diversity and Social Interaction	No comments Assessment officer's comments Additional apartment and mix support diversity of dwellings.
Aesthetics	 The addition of level 5 improves the appearance of the development to The Avenue. The lightweight material selection complements the heavier expression of the existing structure. Assessment officer's comments Noted.

Apartment Design Guide – Table of Compliance

In accordance with the Chapter 4 (Design of Residential Apartment Development) of SEPP (Housing) 2021 requires consideration of the "Apartment Design Guide" (ADG) which supports the nine design quality principles by giving greater detail as to how those principles might be achieved. The table below addresses the relevant matters:

Part 2 - Developing the controls			
	Proposal	Compliance	
Building Depth Use a range of appropriate maximum apartment depths of 12-18m from glass line to glass line.	The constructed building was approved with apartment depths of 8m to 16m measured glass line to glass line with the building complying with the ADG requirements.	Yes	
	This proposal adds an additional unit on the roof top and do not introduce any new non- compliances. The proposed apartment layout meets the adequate natural ventilation and sunlight requirements. In this regard, the proposed building depth is considered satisfactory.		
Building Separation Minimum separation distances for buildings are:	The original development was for a maximum of 4 storeys and complied with the setback requirement.		
Up to four storeys (approx12m): - 12m between habitable rooms/balconies - 9m between habitable and non- habitable rooms	This proposal introduces an additional floor, (5 th floor). On the basis of equitability, 50% of the separation distances required by the ADG are to be provided on the subject site:		
 - 6m between non-habitable rooms. Five to eight storeys (approx 25m): - 18m between habitable rooms/balconies 	 4.5m to the boundary between non-habitable rooms; 6m between habitable and non-habitable rooms; and 9m between habitable rooms. 		
- 12m between habitable and non- habitable rooms	Proposed 5 th Floor		

 9m between non-habitable rooms <u>Note:</u> At the boundary between a change in zone from apartment buildings to a lower density area, increase the building setback from the boundary by 3m No building separation is necessary where building types incorporate blank party walls. Typically this occurs along a main street or at podium levels within centres. 	 Eastern boundary (adjoining RFB at 11 Farm Street). Required: 9m. Proposed: 8.5m Southern boundary (Change in zone to lower density across the road in Farm Street) Require: 12m Proposed: 24m Northern boundary (The site adjoins the rear of commercial developments at 394 & 396 Victoria Road.) Require: 6m. Proposed: 9.4m 	No*1 – variation of 500mm. See note below. Variation acceptable. Yes
Front, Rear & Side Setbacks	This DA does not change the approved setback area and it complies with requirements. The side setback of Unit 21 on Level 3 was amended to be in keeping with the approved setbacks for the building.	Complies
Part 3 Siting the development de		L
 3D Communal & public open space Provide communal open space to enhance amenity and opportunities for landscaping & communal activities. Design guidance Provide communal open space (COS) with an area equal to 25% of site; Minimum 50% of usable area of communal open space to receive direct sunlight for a minimum of 2 hours between 9 am and 3 pm on 21 June. 	The LDA for the building (LDA2018/500) provided adequate communal open space comprising 37% of the site area. (approved development) and received the required solar access.	N/A – no changes
 3E Deep Soil Zone Deep soil zones provide areas on the site that allow for and support healthy plant and tree growth. They improve residential amenity and promote management of water and air quality. Design criteria 1. Deep soil zones are to be provided equal to 7% of the site 	The LDA for the building (LDA2018/500) approved 237.6m ² of deep soil area is proposed which equates to 18.3% of the site area.	N/A – no changes

area and with min dimension of 3m – 6m.		
3F Visual Privacy Building separation distances to be	The proposed addition and alterations are	Satisfactory
shared equitably between	considered satisfactory with regard to visual	See Note 1 below.
neighbouring sites, to achieve reasonable levels of external and	privacy, despite the variation to the building separation along the eastern boundary.	
internal visual privacy.	(Refer building separation and setback assessment outlined earlier in this table).	
Design Criteria	Apartments will receive reasonable levels of	
Separation between windows and balconies is provided to ensure visual privacy is achieved. Minimum required separation distances from	external and internal visual privacy with regard to neighbouring sites. See Note 1 below.	
buildings to the side and rear boundaries are as follows:		
3G Pedestrian Access & Entries	The single pedestrian entrance off the	Complies
Pedestrian Access, entries and	Talavera Road is accessible and easy to	Complies
pathways are accessible and easy to identify.	identify.	
3H Vehicle Access		
Vehicle access points are designed and located to achieve safety, minimise conflicts between pedestrians and vehicles and create high quality streetscapes.	No change to vehicular access.	N/A – no changes
3J Parking Provisions		
Car parking:		
For development in the following locations:	Not applicable. The application is to be assessed under the	N/A
 on sites that are within 800 metres of a railway station; or 	SEPP (Housing) 2021 which provides separate parking requirements under which Council cannot refuse the application.	
 within 400 metres of land zoned, B3 Commercial Core, B4 Mixed Use or equivalent in a nominated regional centre, 	The proposal complies with SEPP (Housing) 2021.	
the minimum parking for residents and visitors to be as per TfNSW Guide to Traffic Generating Developments, or Council's car parking requirement, whichever is less.		
Bicycle Parking:	Based on the 26 car parking spaces, a total of 3 bicycle spaces would be required.	Yes

Provide adequate motorbike, scooter and bicycle parking space (undercover).	3 bicycle spaces are provided within the ground level car park as per the original approval.	
10% of car spaces		
Part 4 Designing the building		
4A Solar & daylight access		
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.	The new apartment will receive the required solar access.	Yes
Design should incorporate shading and glare control, particularly for warmer months.	The proposed design incorporated adequate shading and glare control.	Yes
4B Natural Ventilation	All habitable rooms in the new apartment	Yes
All habitable rooms are naturally ventilated.	are naturally ventilated (have access to a window).	
Design layout of single aspect apartments to maximises natural ventilation and airflow (See Figure 4D.3)	The new apartment has multiple aspects.	N/A
4C Ceiling Heights		
Ceiling height achieves sufficient natural ventilation and daylight access. The following is required as a minimum:	The submitted plans nominate a habitable room height of 2.7m.	Yes
Min ceiling height for apartment & mixed use buildings		
Habitable rooms 2.7m (3.1m floor to floor)		
Non Habitable 2.4m		
2 storey apts 2.7m for main living area		
, 2.4m for 2 nd floor		
Attic spaces 1.8m at edge of room		
Mixed used zone 3.3m for ground & 1 st floor to promote future flexibility of use.		
4D Apartment size and layout		+
Apartments are required to have the following minimum internal areas with one bathroom:		
• Studio = 35m2		

Г			445 0	· · · · · · · · · · · · · · · · · · ·
	om = 50m om = 70m		New 3 bedroom – 115m ²	Yes
	om = 70m om = 90m		Converted 2 bedroom – 75m ²	
	om = 102			
Note: Addition				
the minimum i				
Every habitabl window in an e			The habitable rooms have direct access to	Yes
total minimum			a window opening that achieves light and ventilation. No borrowed daylight or air is	
than 10% of th	-		proposed.	
room. Daylight		•		
borrowed from	other roo	oms.		
Habitable roon			Complies.	Yes
a maximum of	2.5 x the	ceiling		
height.				
In open plan la				
room (where the kitchen are con				
depth of 8m fro	,			
Bedroom - mir	nimum dim	nension of 3m	All bedrooms have a minimum dimension of	Yes
(excluding war			3m.	100
Living rooms c	Living rooms or combined		Complies with the minimum living room	Yes
living/dining ro			widths.	100
width of:				
• 3.6m for s	studio and	1 bedroom		
apartments				
4m for 2 & 4E Private Op				
balconies	on opuot			
Apartments m	ust provid	e		
appropriately s	•		Complies with the required POS size and	Yes
space and bal		enhance	depth based on the unit type.	
residential amo	enity.			
Design criteri	a			
1.All apartmer	nts are rec	uired to have		
primary balconies as follows:				
Dwelling	Minimu	Min.depth		
type	m area			
Studio	4m2	N/A		
apartments				
1 bedroom	8m2	2m		
2 bedroom	10m2	2m		
3+	12m2	2.4m		
bedroom				
L.L	l	I	L	LI

4G Storage			
Adequate, well designed storage is to be provided for each apartment.		Sufficient storage provided in the apartment	Yes
<u>Design criteria</u>			
1.In addition to storage in kitchens, bathrooms and bedrooms, the following storage is to be provided:			
Dwelling type	Storage		
	size volume		
Studio	4m ³		
1 bedroom apt	6m ³		
2 bedroom apt	8m ³		
3 + bedroom apt	10m ³		
4H Acoustic priv	асу		
Noise transfer is minimised through the siting of buildings, building layout, and acoustic treatments. Plant rooms, services and communal open space and the like to be located at least 3m away from the bedrooms. Appropriate noise shielding or attenuation techniques for the building design, construction and		Council's standard acoustic condition be imposed to ensure the new apartment complies with all relevant acoustic criteria through means of standard acoustic treatment and management. This will also relate to minimising internal noise transfer.	Addressed by a condition of consent.
choice of material mitigate noise trar			
4K Apartment mi	x		
A range of apartment types with different number of bedrooms (1bed, 2 bed, 3 bed etc) should be provided.		This proposal will add an additional 3 bedroom apartment and convert an existing 1 bedroom to 2 bedroom resulting in:	Yes
		 1 bedroom x 4 2 bedroom x 11 3 bedroom x 7 	
4N Roof design			
Roof treatments a the building design respond to the stre	n and positively	The new roof form is supported by Council's Urban Design Officer. Treatments are integrated well into the	Yes
		building design and respond to the street.	

Note*1: As discussed in the Assessment report:

This site is required to provide 9m building separation to the eastern boundary (the site's share of 18m). The proposed separation is 8.5m, being a shortfall of 500mm.

The approved and existing building at 11 Farm Street is set back approximately 3.1m from the common boundary between 13 & 11 Farm Street, as shown below. The resulting separation between the buildings is 11.8m.

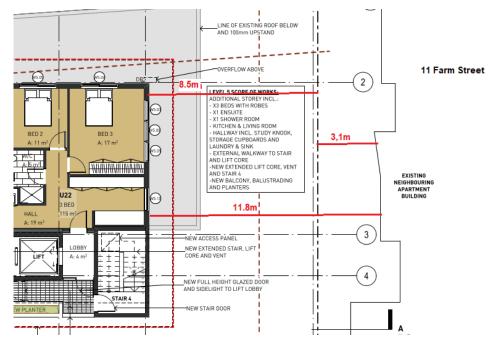


Figure 1: Floor plan illustrating the separation between the new addition and existing adjoining property along the eastern elevation.

The shortfall in the setback by the new apartment is not considered to pose adverse impacts such as overlooking, noise or overshadowing concerns from this non-compliance as:

- Only bedroom windows are proposed along the eastern elevation. A bedroom is not considered to be a high-use room;
- Along the western elevation of 11 Farm Street, there are screened bathroom windows, frosted bedroom windows and screen study windows, as shown below;
- There is only minor additional overshadowing to the western elevation of 11 Farm Street from 2pm onwards.



Figure 2: Western elevation of 11 Farm Street, facing the subject site.

Solar Impact to adjoining properties

Shadow diagrams have been submitted illustrating the existing and additional overshadowing impact from the proposed development.

The only property that will be impact on in terms of overshadowing is the adjoining property to the west – 11 Farm Street. Properties opposite in Farm Street and The Avenue will not have any additional overshadowing as a result of this proposal.

The submitted shadow diagrams show that 11 Farm Street will have some additional overshadowing to their western elevation and courtyard area as shown below.



Figure 3: Existing overshadowing onto 11 Farm Street at 1pm.

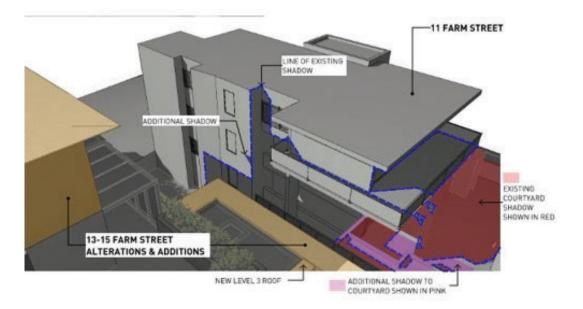


Figure 4: Additional overshadowing onto 11 Farm Street at 1pm.

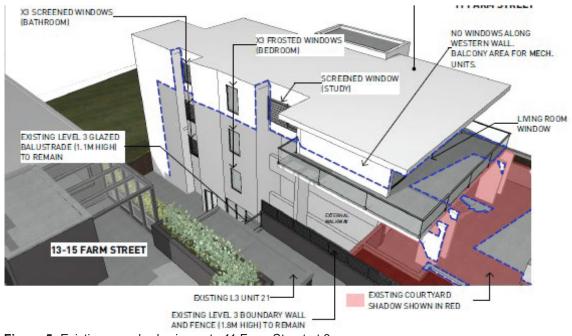


Figure 5: Existing overshadowing onto 11 Farm Street at 3pm.

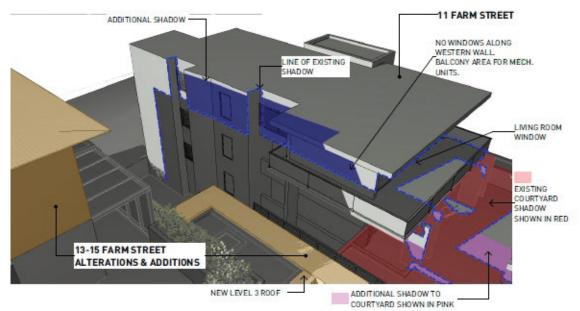


Figure 6: Additional overshadowing onto 11 Farm Street at 3pm to a bedroom and study room window and minor increase to the courtyard.

There are no living room windows located along the western elevation of 11 Farm Street, only a bathroom, bedroom and study room window.

Overshadowing to POS of the rear courtyards areas is unavoidable due to the orientation of the site. The existing situation is that the top floor rear courtyard (which is off their bedroom) will have some additional overshadowing to the western corner of the balcony. However, this is relatively minor and given this is not their main POS, the impact is considered acceptable.

The overshadowing to the lower courtyard area (shown in pink) is to the building communal open space. The additional overshadowing is relatively minor, and the communal open space will still receive solar access to a large area of their COS (i.e. the mid and eastern sections). Figure 11 below illustrates the area of the COS of 11 Farm Street.



13-15 Farm street

Figure 7: 11 Farm Street – location of the adjoining property's communal open space area.

VARIATION TO DEVELOPMENT STANDARDS

13-15 FARM STREET GLADESVILLE

24_040 REV C 07-05-2025



1 VARIATION TO DEVELOPMENT STANDARD (CLAUSE 4.6)

Clause 4.6 of Ryde LEP 2014 allows Council to grant consent for development even though the development contravenes a development standard contained in the LEP. The clause aims to provide an appropriate degree of flexibility in applying certain development standards to achieve better development outcomes.

2 STANDARD TO BE VARIED

Clause 16(1) State Environmental Planning Policy (Housing) 2021 - Housing SEPP

There are two mapped heights on site, 9m (11.7m with 30% affordable housing bonus) and 12m (15.6m with 30% affordable housing bonus).

A variation is sought to the 15.6m height of building standard.





2.1 THE VARIATION

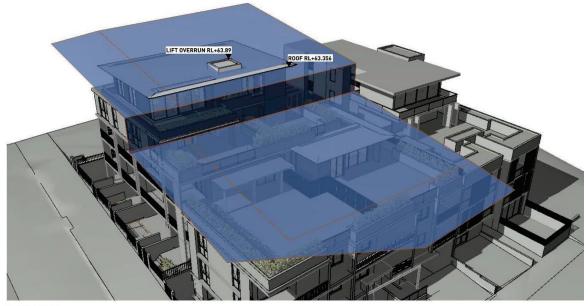
The proposed maximum height of the building is 16.005m. This is an exceedance of 0.405m, or 1.025% of the 15.6m that applies to this portion of the site.

The source of the height exceedance is the lift overrun. This extension of the lift core enables access to the new level five apartment, and is shown below;



SECTION HEIGHT LIMIT B

FIGURE 1: SECTION SHOWING LIFT OVERRUN AND EAVE EXCEEDING HEIGHT STANDARD



HEIGHT LIMIT B FIGURE 2: HEIGHT BLANKET SHOWING EAVE AND LIFT OVER RUN EXCEEDING HEIGHT STANDARD



2.2 METHOD OF CALCULATION

The height of building is defined in Ryde Local Environmental Plan as:

the vertical distance from ground level (existing) to the highest point of the building.

Ground level (existing) is defined in the LEP as:

the existing *level of a site* at any point.

To determine the height of a building you must first determine the ground level reference point. Decisions of the Land and Environment Court has provided two methods to determine the height of a building where the site has been altered as a result of previous development:

- Where the level under an existing structure is not known the decision of Bettar ¹ provides that you can extrapolate the height across an existing building footprint using 'known' levels of the site at the perimeter of the structure.
- Where the existing level of a site <u>is known</u> the decision of Merman provides that you must use this as the reference point under which to measure height² - even where the level may result in an absurd or outrageous result – resolving that conflict is where clause 4.6 as work to do. You can't ignore the definition of ground level (existing) even when it does not make sense in a particular circumstance.

We have provided height calculations for each circumstance in the following variation so that a proper understanding of height can be varied.

In any event – the justification relies on a building form which when viewed from the public domain is consistent with the objectives of the clause in that the built form steps with the fall of the land and retains the transition in height to the south – and enables the additional affordable housing as provided for under the SEPP.

2.3 WHAT IS THE LEVEL OF THE SITE

Our opinion is that in this circumstance of this application the best method is Bettar – using the levels at the perimeter of the building and extrapolating the levels between. This is because these are the only known ground levels of 'the site'.

Although 'site' is not defined in the Act, Regulations or LEP, it generally refers to land on which development is being carried out. (eg site area, site coverage), this is consistent with the dictionary meaning of the term.

Ground level is not the basement car park slab level.

Where a building covers the site – the *ground level* cannot be the level of the basement slab – as a basement is defined as "*a space within a building where the floor level of that space is predominantly* **<u>below</u>** ground level (existing). As the basement is below the ground levels the slab of the carpark cannot be 'ground level (existing).

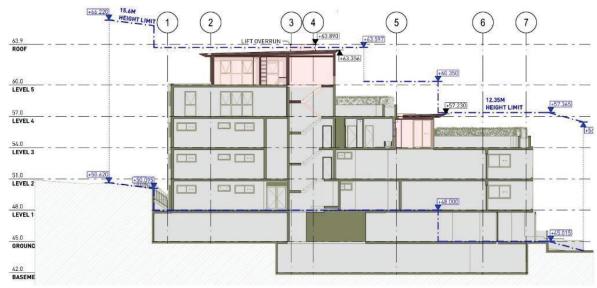
Ground level as ground level slab

The level of the slab above the basement could be (ie the ground floor slab) could be considered the *ground level*

¹ Bettar v Council of the City of Sydney [2014] NSWLEC 1070

² Merman Investments Pty Ltd v Woollahra Municipal Council [2021] NSWLEC 1582 also supported by Cadele Investments Pty Ltd v Randwick City Council [2021] NSWLEC 1484

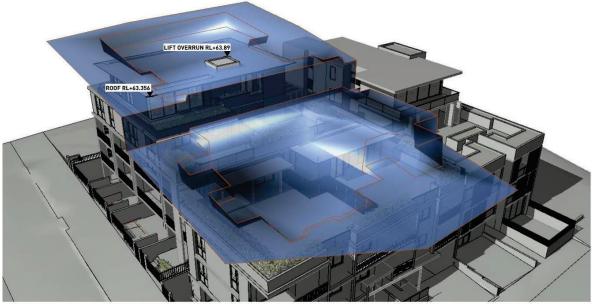




If this method of calculation is adopted, then the lift overrun exceeds the height standard by 293mm. This is illustrated in the figures below.

SECTION HEIGHT LIMIT C

FIGURE 3: HEIGHT STANDARD USING GROUND LEVEL SLAB AS THE 'GROUND LEVEL'



HFIGHT LIMIT C

FIGURE 4: HEIGHT PLANE USING GROUND LEVEL OF EXISTING SLAB AS THE GROUND LEVEL ONLY LIFT OVERRUN EXCEEDS



3 JUSTIFICATION – COMPLIANCE IS UNNECESSARY OR UNREASONABLE

Justification - Compliance is unnecessary or unreasonable. When considering whether a development standard is appropriate and or necessary, the consent authority must take into account the nature of the proposed variation, the site specific context and the design of the proposed development. In this instance it is considered unnecessary to require strict compliance with the standard as:

- the proposal achieves the objectives of the standard notwithstanding the noncompliance
- the particular context and circumstances of the site and arrangement of the plan that makes it unreasonable
- the non-compliance is of such a minor nature and is not discernible from the public domain.

3.1 CONSISTENT WITH OBJECTIVES OF THE ZONE

The site is located within Zone MU1 - Mixed Use (mapped as B4 – Mixed Use). Due to the existing and ongoing residential use on site and the extent of the proposed development (on the upper levels only), the objectives relating to ground level and employment opportunities are not relevant. The relevant objectives of the zone are:

• To minimise conflict between land uses within this zone and land uses within adjoining zones.

Response: The proposed residential additions are compatible with adjoining residential uses. There is no additional height proposed on the part of the site where there is a lower height limit to assist with the transition to the lower density zone to the south.

3.2 CONSISTENT WITH OBJECTIVES OF CLAUSE 4.3 (RYDE LEP)

Despite the non-compliance with the development standard the proposed development is consistent with the relevant objectives of cl. 4.3. In particular:

• To ensure that street frontages of development are in proportion with and in keeping with the character of nearby development.

Response: The source of the height exceedance is located in the middle of the site, minimising its visual impact from the public domain and surrounding areas.

• To minimise overshadowing and to ensure that development is generally compatible with or improves the appearance of the area.

Response: The overshadowing impacts of the proposed modification are minimal the non-compliance with the height limit does not generate additional overshadowing impacts as the shadow falls on the roof of the proposed development.

- To minimise the impact of development on the amenity of surrounding properties.
 - Response: Acoustic and visual privacy impacts to neighbouring buildings are managed with adequate building separation and screening. Solar impacts to resulting from the non-compliance do not impact surrounding properties.



3.3 CONSISTENCY WITH OBJECTIVES OF HOUSING SEPP

Clause 15A of the Housing SEPP provides that the height bonuses in that division are provided to "facilitate the delivery of new in-fill affordable housing to meet the needs of very low, low and moderate income households." Without variation of the height standard the additional floor space could not be accommodated as anticipated by this clause.

4 ENVIRONMENTAL PLANNING GROUNDS

4.1 UNIQUE CIRCUMSTANCES

The proposal is unique due to the topography of the site. The level of the site under the existing building has been highly modified and does not reflect the natural fall of the topography. The ground plane can therefore be measured using alternate methods (as demonstrated in Figures 1 & 3 above).

In any other ordinary application (say a development application for this site where there is no existing building) the height plane would more closely match the natural topography.

It is unreasonable and a poor planning outcome to require compliance with a standard that does not preserve this natural topography and result in buildings that step with the topography.

4.2 AFFORDABLE HOUSING

The Housing SEPP was modified to provide additional floor space bonus and height bonus to encourage the provision of affordable housing. The existing building is able to accommodate both additional floor space and height and meet this social demand with minimum impact and reduced costs compared to a brand new development. It also enables extension of existing affordable housing for a longer period of time.

4.3 ABSURD OUTCOME WITH STRICT COMPLIANCE

The definition of ground level (existing) when applied on a site where an existing structure has altered the site levels results in absurd planning outcomes. The intent of the height standard is that the height of new development follows the natural falls of the topography.

It is then useful to compare the proposed development using a height plane that follows what would otherwise be the interpolated natural levels (using the Bettar approach). This is a useful test to establish environmental planning grounds as it demonstrates that the objectives of the height have been achieved – being a building that aligns with the topography of the site as viewed from outside the site.

An even more absurd outcome would be achieved if the ground level (existing) was considered to be the underside of the basement slab – this would result in the heigh to building being less than what it was when the building was approved – and a building at the time of approval being compliant – but after completion being non-compliant.

4.4 SITE AND CONTEXT

The site is located in an area that has been designed for development of this scale and form. The additional storey is located away from the lower residential zone to reduce the visual and bulk and scale impacts. The design of the building is scaled to align with the natural topography of the site and present a well resolved streetscape.



5 SUMMARY

It is considered that compliance with the standard is unnecessary in these circumstances and there are sufficient environmental planning grounds to justify the departure of from the development standard

- the proposed development is consistent with the relevant objectives of the standard LEP height standard
- the proposed development is consistent with the relevant objectives of the Housing SEPP in that it allows for additional height and floor space for affordable housing
- the non- compliance results from the definition of ground level (existing) and how it is applied to a land that has been substantially altered.
- The application of the height standard using the basement level or ground floor level as *"level of the site"* results in a height of building where the existing building exceeds that height.
- A better planning outcome achieved by permitting the variation of the standard in that the additional height allows for access to a new apartment with good amenity and provides for affordable housing as anticipated by the planning controls that provide additional height <u>above</u> the height standard for the site
- The extent of height non-compliance is very minor (when measured from both the existing ground floor slab and also the 'Bettar' approach and would largely not be perceptible from the public domain.
- The area of height non-compliance is centrally located on the site and is largely not perceptible from the public domain.
- When the height is measured using the *Bettar* approach as a reference point a height plane matches the natural fall of the land and the proposed development is below the height plane.
- Approval for the departure from the development standard will not be detrimental to the surrounding area and results in a high amenity outcome for the site through a functional and considered floorplan.

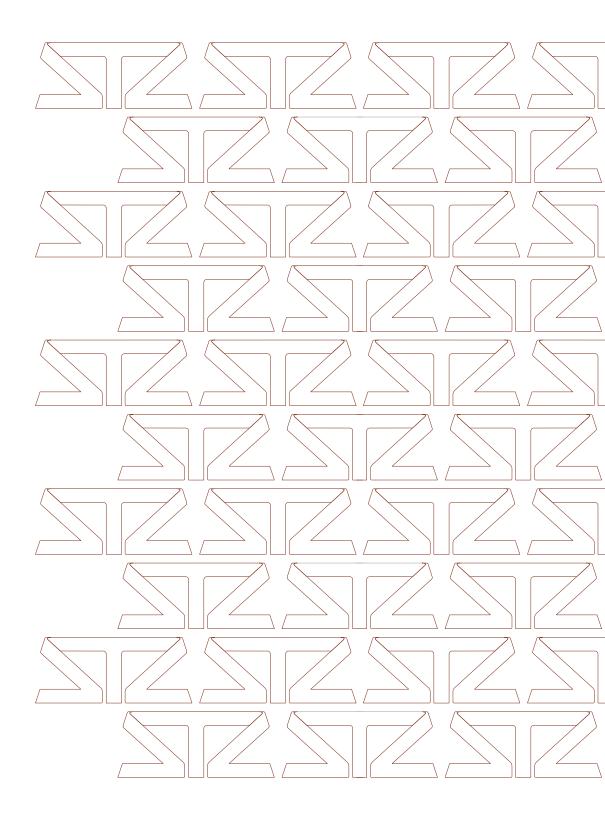
DEVELOPMENT APPLICATION

FARM STREET

13-15 FARM STREET GLADESVILLE NSW 2111 AUSTRALIA Paul Burns; Farm Road Development

REV C 07/05/25

SMITH & TZANNES



DRAWING SCHEDULE

BASIX COMMITMENTS

DRAWING No. DESCRIPTION DD-A-000 DD-A-001 DD-A-010 SITE ANALYSIS PLAN DD-A-011 SITE PLAN DD-A-021 DD-A-100 DD-A-101 LEVEL 3 & 5 DEMOLITION PLANS LEVEL 5 FLOOR & ROOF PLAN DD-A-200 DD-A-201 DD-A-202 DD-A-800 SECTIONS AREA CALC / APT. SCHED DD-A-850 DD-A-851 DD-A-852 VIEW FROM THE SUN EXISTING DD-A-853 DD-A-854 DD-A-855 DD-A-856 DD-A-900 HEIGHT RESTRICTION COMPARISON 11 FARM STREET SHADOW ANALYSIS

	AIR CONDITIONING	EA	EQUAL ANGLE
	ALUMINIUM	EDB	ELECTRICAL DISTRIBUTION BOARD
	ALUMINIUM FRAMED DOOR	ELECT	ELECTRICAL
	ADJUSTABLE ANTI GRAFFITI COATING	ESR	ELECTRICAL SERVICES RISER
	ABOVE FINISHED FLOOR LEVEL		EXPANSION JOINT
	ABOVE FINISHED FLOOR LEVEL ANODISED		ENTRY MAT
	ABOVE STRUCTURAL SLAB LEVEL		EQUAL
	ACCESS PANEL		EXISTING
	ALUMINIUM FRAMED WINDOW		EXHAUST AIR EXHAUST GRILLE
BA	BATHSPOUT		
BAL#	BALUSTRADE TYPE #		FRIDGE FACE BRICK TYPE
BAL-G	GLASS BALUSTRADE		
	BARRIER		FIBRE CEMENT
	BOND BREAKER		FINISHED CEILING LEVEL
	BABY CHANGE TABLE		FIRE EXTINGUISHER
	BENCH		FENCE TYPE
	BOX BUTTER		FINISHED FLOOR LEVEL
BH	BULKHEAD		FRAMLESS GLASS BALUSTRADE
BIKE	BIKE RAIL		FIXED GLASS
	BLIND		FIRE HYDRANT
BCK	BLOCKWORK		FIRE HOSE REEL
	BRICKWORK (COMMONS)		FIRE INDICATOR PANEL
	BRICKWORK (BAGGED)		FLASHING
	BALCONY OUTLET	FLB	FLUSH BUTTON FIRE PLACE
	BOLLARDS		
	BLOCKPLAN		FALL PREVENTION BARRIER
	BUMP RAIL		PORTABLE FIRE EXTINGUISHER
	HARDWOOD TIMBER BENCH SEATING		FIRE RATED LEVEL FINISHED SLAB LEVEL (FIRE STAIR I
	BATHROBE HODK		FINISHED SLAB LEVEL (FIRE STAIR I FLOOR THE
	BASIN		FLOOR WASTE
	BATH TUB	FW#	FLUUR WASTE
	BOTTLE TRAP	GAS	GAS POINT
			GAS FLUE
CB	CONCRETE BLOCK		GRATED FLOOR DRAIN
CBG	COLOURBLACK GLASS		GLAZING
CJ .	CONSTRUCTION JOINT		GUTTER
CHO	COAT HODK		GRAVEL
CG	CLEAR GLASS		GRAB RAIL
CFC	COMPRESSED FIBRE CEMENT		GENERAL POWER OUTLET
CFT#	CERAMIC FLOOR TILE TYPE	0.0	
	COOKTOP CENTRE LINE		
	CLOTHES LINE		HANDDRYER
	CLADDING		HANDRAIL TYPE #
	CELLING		HIGH MOISTURE RESISTANCE
	COOKTOP		CONCRETE HOB
	GENERAL CONCRETE MACHINE FLOAT FINISH		HOSE TAP
	CONCRETE FOOTPATH FINISH eq. BROOM FINISH		HOT WATER UNIT
	PROJECT SPECIFIC CONCRETE FINISH TYPE #	HYD	HYDRAULIC SERVICES RISER
	CHECK ON SITE		
	CUPBOARD		INSTANTANEOUS GAS HOT WATER U
	CARPET		INSULATION TYPE #
	CERAMIC WALL TILE TYPE #	INT	AUDIO VISUAL INTERCOM DOOR STA
0	CERTIFIC TIPLE THE THE #	1	JOINERY
			KICKBOARD
n	DOOR		KICKPLATE
	DRIP GRODVE		LAMINATE TYPE #
	DOWNLIGHT EXTERIOR		LETTERBOX
DL-E	DOWNLIGHT EXTERIOR		LAUNDRY
DL-I	(DOWNLIGHT INTERIOR (DOWNLIGHT) FLOOD LIGHT		LAUNDRY TUB TYPE
DDW	DRAWER	LVR#	LOUVRE
	DISHWASHER		
	DOWNPIPE		

DP DOWNPIPE DRY DRYER DST DOORSTOP DT DRESSED TIMBER

ME METER BOX MICLD MITAL CLASSING TYPE MICLD MITAL CLASSING TYPE MICLD MEXING MEXING TYPE AND LOW VOCI MIRM MITAL BOX ROOT SHATTPE A MICL MECHANIC MEXING MICL MERCH MICL MERCH MICL MERCH AND MICL MERCH AND MICL MERCH AND MICL MERCH MICL MERCH AND MICL MERCH AND MICL MERCH AND MICL MERCH MICL MERCH AND MICL MERCH AND MICL MERCH AND MICL MERCH MICL MERCH AND MICL MERCH NBN NATIONAL BROADBAND NETWORK NCOM NON CUMBUSTIBLE AS DEFINED BY NCC OF OVERFLOW OPC OFF FORM CONCRETE OV# OVEN
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ALL FLOOR FINISHES AND ASSOCIATED SLIP-RATING TO COMPLY WITH AS4586-2014, BCA HANDBOOK, SA HB 196-2014 AND RELEVANT STATUTORY REQUIREMENTS.

SPECIFICATION

SYMBOL LEGEND

EXISTING SPOT LEVEL

PROPOSED SPOT LEVEL EXISTING AREA LEVEL

PROPOSED AREA LEVEL

TO BE READ IN CONJUNCTION WITH SURVEY DRAWINGS REFER TO STRUCTURAL ENGINEERS DRAWINGS FOR ALL STRUCTURAL DETAILS

DOOR TAG. REFER TO DOOR SCHEDULE FOR TYPE

AREA NOT INCLUDED IN SCOPE OF WORKS

REFER TO CONSULTANT DRAWINGS AND SPECIFICATIONS FOR ALL SERVICES REQUIREMENTS AND DETAILS FINAL LOCATION OF SERVICES PENETRATIONS TO BE COORDINATED WITH SERVICES CONSULTANTS & SETOUT BY SURVEYOR

REFER TO VERTICAL TRANSPORTATION CONTRACT SPECIFICATIONFOR LIFTS & STRUCTURAL OPENING REQUIREMENTS

REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR PLANTING LOCATIONS, SCHEDULE AND SPECIFICATION

SETOUT DIMENSIONS ON GRID SETOUT PLAN. DIMENSIONS TO BE VARIFIED WITH THE SURVEYOR & ARCHITECT PRIOR TO COMMENCEMENT OF WORK ALL WALLS TO BE UNDERSIDE OF STRUCTURE UNLESS NOTED OTHERWISE. ALL OPERABLE WINDOWS WITHIN 1000mm AFFL TO BE FITTED WITH RESTRICTED OPENING FITTING IN ACCORDANCE WITH RELEVANT STANDARDS.

REFER TO ELECTRICAL ENGINEERS SCHEDULE FOR LIGHTING

WINDOW TAG, REEER TO WINDOW SCHEDUILE FOR TYPE

R1 +00 000

+ RL+00.000

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001

(WD1)

GENERAL NOTES

ALL CLADDING, APPLIED COATING SYSTEMS: INCLUDING WATERPROOF SYSTEMS AND DECORATIVE FINISH SYSTEMS, SUBSTWATES, INSULATION, SARKING, WALL WRAPS, WAPUR BARRIERS, AND THE LIKE TO BETSTED AS NON COMBUSTIELE LUNGER AS ISJOI. JAN ACHIEVE COMPLIANCE WITH TESTS 1530.3 AND 1530.4 IN ACCORD WITH BCA A2.3 AND A2.4 ALL LOAD BEARING ELEMENTS (INCLUDING WALL SYSTEMS) ARE TO BE ACCOMANIED BY STRUCTURAL CERTIFICATION SPECIFIC TO THE PROJECT AND REFER TO SITE SPECIFIC CONDITIONS.

NOTES

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LEGEND

Refer to the notes page for a legend that includes further notes and an explanation of abbreviations.

NOTES REGARDING DEVELOPMENT APPLICATION DRAWINGS

Minor changes to form and configuration may be required when drawings are subsequently prepared for construction purposes after the grant of development consent.

The design is not in a form suitable for use in connection with building work

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GLADESVILLE		_ t
Paul Burns; Farm Road Development		Ñ
ARCHITECTURE URBAN PLANNING M1/167 McEvov St Alexandria NSW 2015		
P 02 9516 2022 E email@smithtzannes.com.au smithtzannes.com.au		
smithtzannes.com.au Nominated Architect: Peter Smith ARN 7024	SMITH & TZANNES	

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EXISTING BUILDINGS
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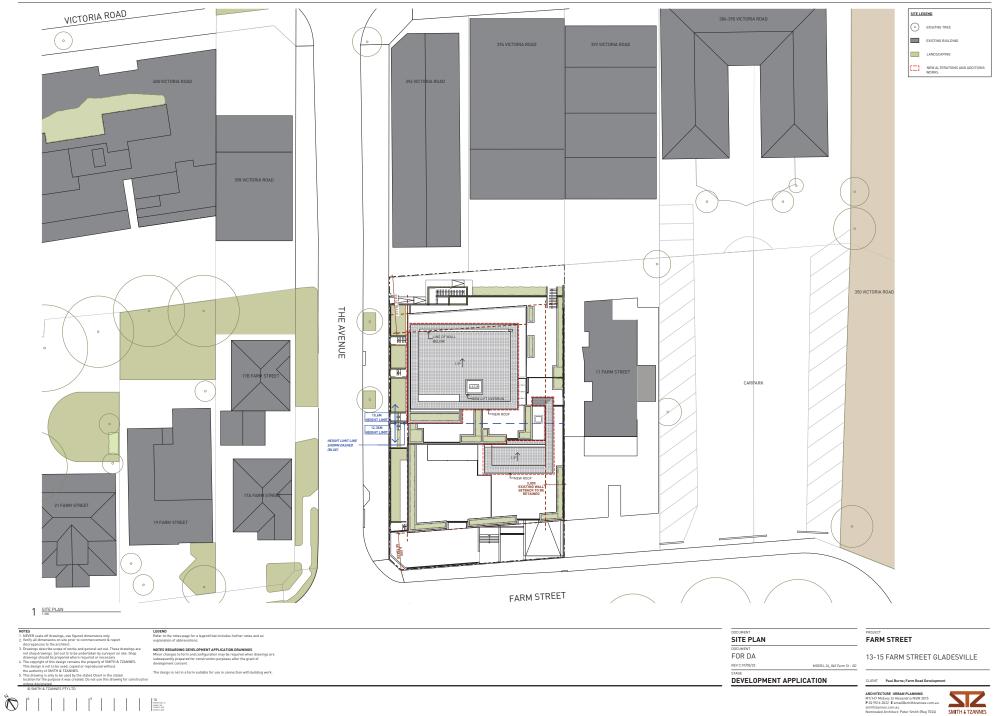
REV B 31/03/25 DOCUMENT MODEL 24 SITE ANALYSIS PLAN DEVELOPMENT APPLICATION FARM STREET 13-15 FARM STREET GLADESVILLE Paul Burns; Farm Road Deve ARCHITECTURE URBAN PLANNING M1/147 McEvoy St Alexandria NSW 2015 P 02 9516 2022 E email@smithtzannes.com.au smithtzannes.com.au Nominated Architect: Peter Smith ARN 7024

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24_040 DD-A-010



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DD-A-011

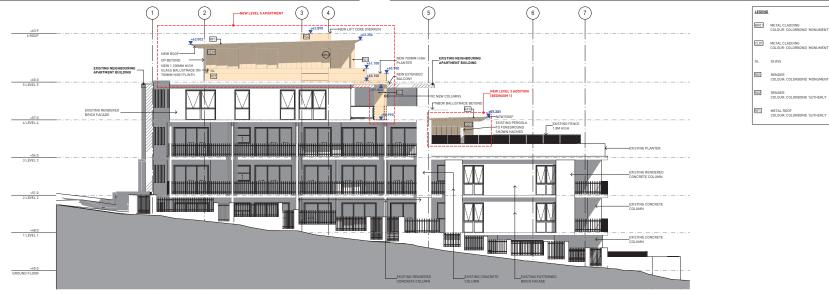


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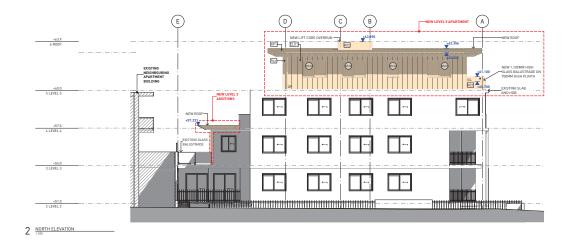


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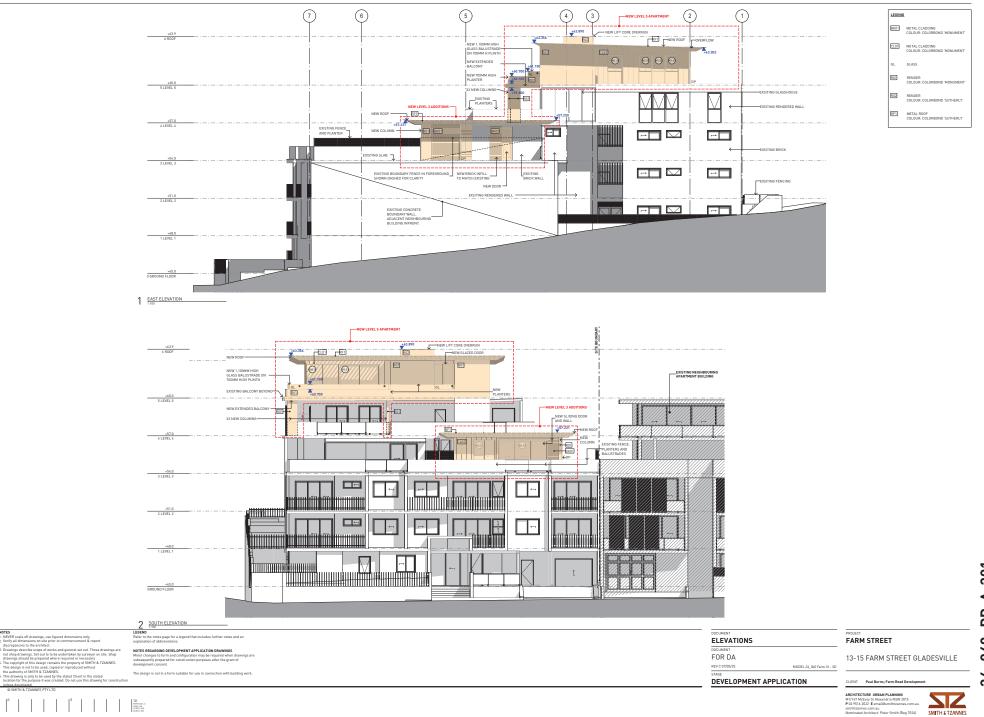




1 WEST ELEVATION



LEGEND Refer to the notes page for a legend that includes further notes and an explanation of abbreviations. NOTES ITES INVER scale off drawings, use figured dimensions only. Varify all dimensions on site prior to commencement & report discrepancies to the architect. Drawings describe scope of works and general set out. These drawings are wird then drawings. Set out to the undertaken by scoveyor on site. Shop ELEVATIONS FARM STREET NOTES REGARDING DEVELOPMENT APPLICATION DRAWINGS Miner changes to form and configuration may be required when dra subsequently prepared for construction purposes after the grant of development consent. ge description (Septe Lin down of the set of FOR DA 13-15 FARM STREET GLADESVILLE REV C 07/05/25 MODEL 24_040 Farm St - SD The design is not in a form suitable for use in connection with building wor DEVELOPMENT APPLICATION CLIENT Paul Burns: Farm Road De ARCHITECTURE URBAN PLANNING M1/147 McEvoy St Alexandria NSW 2015 P 02 9516 2022 E email@smithtzannes.co ARCHITECTURE URBAN PLANNING MI/147 MCEV92 SI Akasandri a NAW 2015 P 02 9515 2022 E email@smithtannes.com.au Nominated Architect: Peter Smith (Reg 7024)



NOTES

DD-A-201 040



DD-A-202 070 4

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DEVELOPMENT STATISTICS

SITE AREA DEEP SOIL 1,295m² 170m2 = 13.1% 380m2 = 29.3%

CONSTRUCTED GFA

GFA 1,792m² (A) FSR 1.37:1 AFFORDABLE GFA 467m² 26%

RYDE LEP 2014

1.15:1 12m 9.5m FSR HEIGHT

HOUSING SEPP 2021 - INFILL AFFORDABLE HOUSING

MAX BONUS FSR 30% MAX FSR 1.495:1 MAX GFA 1936m² (B) DIFF GFA (B)-(A) 146m² MAX BONUS HEIGHT 30%

BRATILIOTT	12.35m	
		-

AFFORDABLE GFA 15% 290m²

	TYPE	LEVEL	AREA
Existing			
	GROSS FLOOR AREA	GROUND FLOOR	146
	GROSS FLOOR AREA	LEVEL 1	572
	GROSS FLOOR AREA	LEVEL 2	558
	GROSS FLOOR AREA	LEVEL 3	303
	GROSS FLOOR AREA	LEVEL 4	211
			1,790 m
New			
	GROSS FLOOR AREA	LEVEL 3	28
	GROSS FLOOR AREA	LEVEL 5	118
			146 m ²
TOTAL GEA (AP	PROVED+ PROPOSED)		1,936 m
OTAL GFA (AF	PROVED+ PROPOSED)		1,936 m
Apartment Are	a Schedule		
Apartment Are Storey	a Schedule UNIT BEDS	INTERNAL A	REA
		INTERNAL A	REA
Storey		INTERNAL A	REA

3 BED U22 115 m² (PR)

Storey	UNIT	BEDS	INTERNAL AREA
LEVEL 1			
	02	Affordable	76
	03	Affordable	84
	04	Affordable	75
	05	Affordable	77
	06	Affordable	102
	07	Affordable	53
			467 m²

torey	UNIT	BEDS	INTERNAL AREA
EVEL 1			
	08	Prop. Affordable	53
			53 m ²
EVEL 2			
	09	Prop. Affordable	83
	14	Prop. Affordable	53
	15	Prop. Affordable	53
			189 m²
EVEL 3			
	17	Prop. Affordable	53
			53 m²
			295 m²

HOUSING WILL BE PROVIDED 5 YEARS FROM DATE OF OCCUPATION. THEY BE NOMINATED AS EXISTING AFFORDABLE UNITS 02, 03, 04, 05, 06 AND 07.

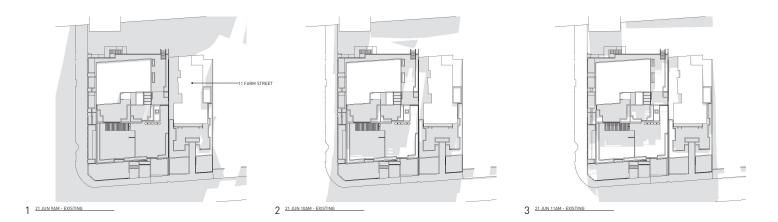


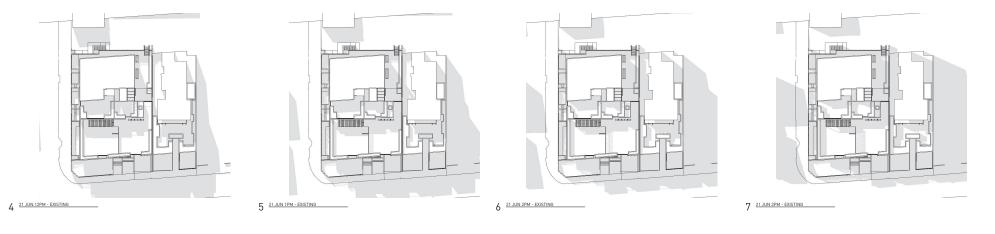
-----------------GROSS FLOOR AREA OROSS FLOOR AREA NEW UNIT 22 PROPSED AFFORDABLE HOUSING IN PURPLE OSS FLOOR ARE LEGEND PROPOSED AREA (ALTERATIONS AND ADDITIONS) EXISTING AREA (APPROVED) ---------_---------EXISTING AFFORDABLE HOUSING 6 GFA - LEVEL 5 4 GFA - LEVEL 3 5 GFA - LEVEL 4

			PROPOSED AFFORDABLE HOUSING
NOTES 1. NEVER scale off drawings, use figured dimensions only. 2. Verify all dimensions on site prior to commencement & report	LEGEND Refer to in ones pagator a lagond thai includes further notes and an esplantation of adventurions.	COCUMBRT AREA CALC / APT. SCHED.	PROJECT
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the authority of SMITH & TZANNES. 5. This drawing is only to be used by the stated Client in the stated location for the purpose it was created. Do not use this drawing for construction unless designated. © SMITH & TZANNES PTY LTD	The design is not in a form suitable for use in connection with building work.	STAGE DEVELOPMENT APPLICATION	CLIENT Paul Burns; Farm Road Development
			ARCHITECTURE URBAN PLANNING M1/1A7 McEvory 51 Akasandria NSW 2015 P0 29516 2022 E email@smithannes.com.au smithtrannes.com.au Nominated Architect: Peter Smith (Reg 7024)

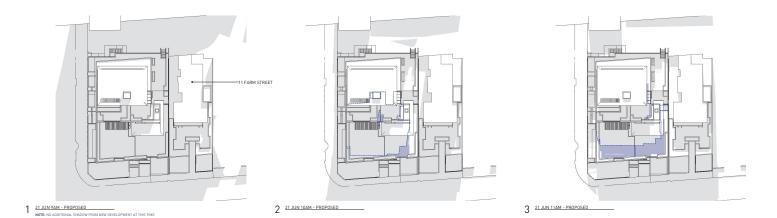
smithtzannes.com.au Nominated Architect: Peter Smith (Reg 7024) SMITH & TZANNES

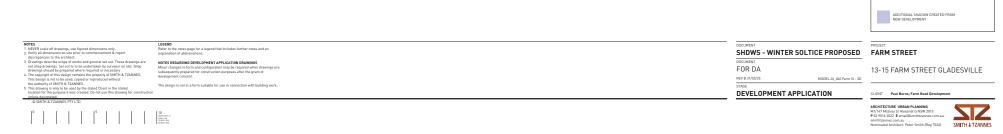






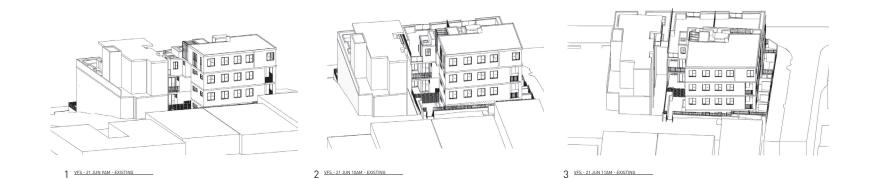
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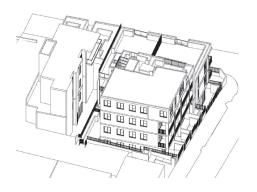




LEGEND

EXISTING SHADOW LINE





4 VFS - 21 JUN 12PM - EXISTING



5 VFS - 21 JUN 1PM - EXISTING



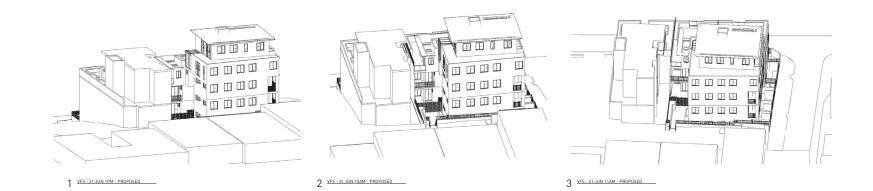
6 VFS - 21 JUN 2PM - EXISTING

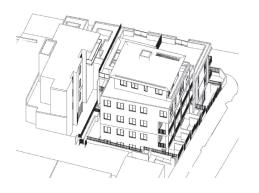


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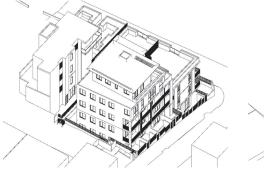
7 VFS - 21 JUN 3PM - EXISTING

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This design is not to be used, copied or reproduced without the authority of SMITH & TZANNES.		REV B 31/03/25 MODEL 24_040 Farm St - SD		
 This drawing is only to be used by the stated Client in the stated location for the purpose it was created. Do not use this drawing for constructio unless designated. 		DEVELOPMENT APPLICATION	CLIENT Paul Burns; Farm Road Development	24
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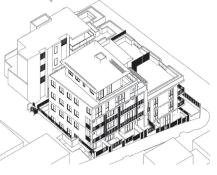




4 VFS - 21 JUN 12PM - PROPOSED



5 VFS - 21 JUN 1PM - PROPOSED



6 VFS - 21 JUN 2PM - PROPOSED

7 VFS - 21 JUN 3PM - PROPOSED

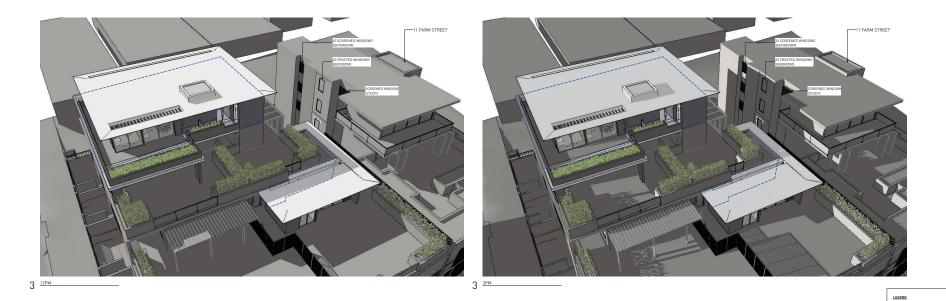
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location for the purpose it was created. Do not use this drawing for construction unless designated.		DEVELOPMENT APPLICATION	CLIENT Paul Burns; Farm Road Development	_ ~
© SMITH & TZANNES PTY LTD	10 work as the as the as the as		ARCHITECTURE URBAN PLANNING M1/L47 McSivy St Alaxandria NSW 2015 Pro 9751 2022 ExmailBernitheranes.com.au amititaannes.com.au Nominatad Architect: Piter Smith (Reg 7024)) ES





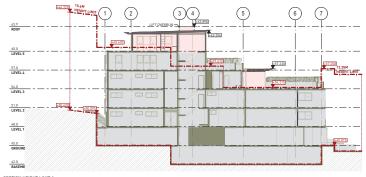


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---- OUTLINE OF EXISTING BUILDING LEGEND Refer to the notes page for a legend that includes further notes and an evaluation of abbreviations NOTES ! scale off drawings, use figured dimensions only. all dimensions on site prior to commencement & report SHADOW ANALYSIS FARM STREET nensions on site prior to community as to the architect. escribe scope of works and general set out. These drawings are NOTES REGARDING DEVELOPMENT APPLICATION DRAWINGS Minor changes to form and configuration may be required when draw subsequently prepared for construction purposes after the grant of development consent. Set out to be undertaken by surveyor on site. Step preparative here required ar necessary is design remains the property of SMITH & TZANNES. to be used, copied or reproduced without ITH & TZANNES. We be used by the stated Client in the stated pose it was created. Do not use this drawing for construction FOR DA 13-15 FARM STREET GLADESVILLE REV B 31/03/25 MODEL 24_060 Farm St - SD The design is not in a form suitable for use in connection with building work STAGE DEVELOPMENT APPLICATION CLIENT Paul Burns; Farm Road Deve ARCHITECTURE URBAN PLANNING MU/147 McEvey 51 Alexandria NSW 2015 p 02 7515 / 2022 - enail/Breinflorance.com.au amittatannee.com.au Nominatud Architect. Peter 5 mith [Reg 7024]

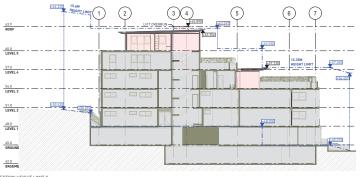
24_040 DD-A-854



SECTION HEIGHT LIMIT A



2 SECTION HEIGHT LIMIT B



3 SECTION HEIGHT LIMIT C

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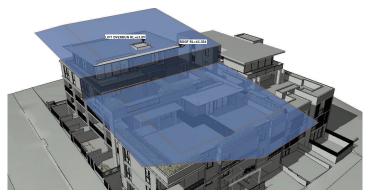
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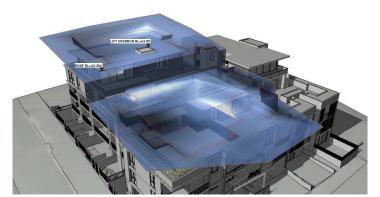
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HEIGHT LIMIT A



HEIGHT LIMIT B



HEIGHT LIMIT C

DOCUMENT		PRO JECT	
HEIGHT RESTRIC	TION COMPARISON	FAR	M STREET
DDCUMENT			
FOR DA		13-1	5 FARM STREET GLADESVILLE
REV B 31/03/25	MODEL 24 040 Farm St - SD		

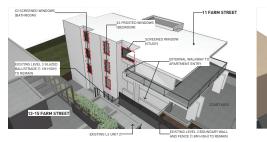


DD-A-855

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24_

ARCHITECTURE URBAN PLANNING MI/147 McEvoy 51 Akesandri a NSW 2015 P 02 951 6/272 Ce mail/Breinftranses.com.au smithtannes.com.au Nominated Architect: Pterer Smith [Reg 7024]



1 21 JUN 10AM - EXISTING

2 21 JUN 10AM - PROPOSED



-11 FARM STREET 13-15 FARM STREE 1 -EXISTING L3 UNIT 21 EXISTING LEVEL 3 AND FENCE (1.8M)

3 21 JUN 11AM - EXSITING

11 FARM STREET 13-15 FARM STREET **TERATIONS & AD**

EW LEVEL 3 ROOF

4 21 JUN 11AM - PROPOSED

8 21 JUN 1PM - PROPOSED



5 21 JUN 12PM - EXISTING

6 21 JUN 12PM - PROPOSED



-11 FARM STREET

OWS ALONG

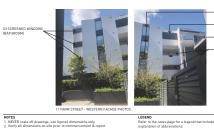


7 21 JUN 1PM - EXSITING





9 21 JUN 2PM - EXSITING





10 21 JUN 2PM - PROPOSED ADDITIONAL SHADOW CREATED FROM 2PM TO 3PM

13-15 FARM STREET

ERATIONS & ADD

NEW LEVEL 3 ROOF



AND FENCE [1.8M]

12 21 JUN 3PM - PROPOSED ADDITIONAL SHADOW CREATED FROM 2PM TO 3PM

13-15 FARM STREET

ERATIONS & ADD

SUMM/	KY: ARE NO LIVING ROOM WINDOWS LOCATED ALONG THE WESTER	N
	OF 11 FARM STREET; THEREFORE, THE PROPOSED DEVELOPM	ENT
WILL N	OT CAUSE ANY OVERSHADDING TO LIVING ROOM SPACES.	
WHILE	THERE IS A MINOR INCREASE IN SHADOWING TO THE NEIGHBOL	JRIN
	E OPEN SPACE (POS), IT CONTINUES TO RECEIVE MORE THAN 3	
HOURS	OF DIRECT SUNLIGHT, MEETING RELEVANT PLANNING GUIDELI	NE:

-11 FARM STREET

NO WINDOWS ALONG

NEW LEVEL 3 ROOF

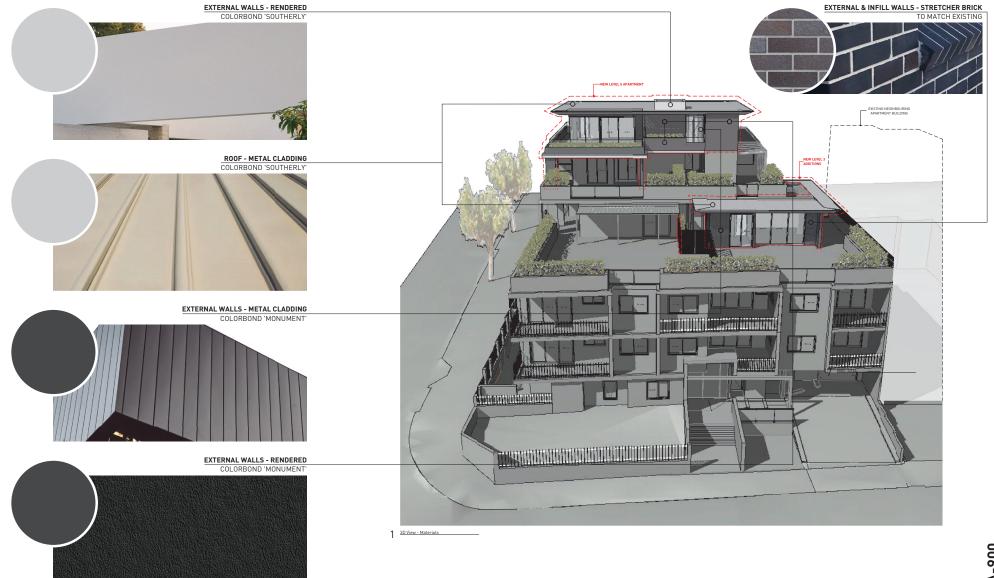
LEGEND Refer to the notes page for a legend that includes further notes and an explanation of abbreviations. 11 FARM STREET SHADOW ANALYSIS FARM STREET dimensions on sine provide a second s NOTES REGARDING DEVELOPMENT APPLICATION DRAWINGS Minor changes to form and configuration may be required when drawings are subsequently prepared for construction purposes after the grant of 13-15 FARM STREET GLADESVILLE wings. Set out to be undertaken by surveyor on site. Shop ouds be prepared where required on necessary to this design remains the property of SMTH & TANNES. Is not be builde, copied or reproduced without of SMTH & TANNES. Is only to be under by the stated Clinen in the datafie the purpose it was created. Do not use this drawing for construction wind. FOR DA development consent. REV - 07/05/25 MODEL 24_040 Farm St - SD 24 The design is not in a form suitable for use in connection with building work. DEVELOPMENT APPLICATION CLIENT Paul Burns; Farm Road Dev

11 21 JUN 3PM - EXSITING





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NOTES 1. NEVER scale off drawings, use figured dimensions only. 2. Verify all dimensions on site prior to commencement & report discrepancies to the architect.	LEGEND Rief er bin holts page for a legend that includes further notes and an explanation cat abstractions.		PROJECT FARM STREET
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the authority of SMITH & TZANNES. 5. This drawing is only to be used by the stated Client in the stated location for the purpose it was created. Do not use this drawing for constr unless designated.	The design is not in a form suitable for use in connection with building work. ruction	STAGE DEVELOPMENT APPLICATION	CLIENT Paul Burns; Farm Road Development
	All and a program and a second		ARCHITECTURE URBAN PLANNING MI/L47 McEvry SI Alaxadria NSW 2015 P 02 9516 2022 E email/Brmithzannisc.com.au smithitzannisc.com.au

mithtzannes.com.au Nominated Architect: Peter Smith (Reg 7024) SMITH & TZANNES

STORMWATER MANAGEMENT PLANS **PROPOSED ALTERATIONS & ADDITIONS** No. 13-15 FARM STREET, GLADESVILLE

LOT 34. 35 & 36 DP:11022

DRAINAGE NOTES

PIPE SIZE: THE MINIMUM PIPE SIZE SHALL BE:

 90mm DIA WHERE THE LINE ONLY RECEIVES ROOFWATER RUNOFF; 00
 100mm DIA WHERE THE LINE RECEIVES RUNOFF FROM PAVED OR LINPAVED AREAS ON THE PROPERTY

THE MINIMUM PIPE VELOCITY SHOULD BE 0.6 m/s AND A MAXIMUM PIPE VELOCIT OF 6.0 m/s DURING THE DESIGN STORM

PIPE GRADE: THE MINIMUM PIPE GRADE SHALL BE:

1.0% FOR PIPES LESS THAN 225mm DIA
 0.5% FOR ALL LARGER PIPES

PIPES WITH A GRADIENT GREATER THAN 20% WILL REQUIRE ANCHOR BLOCKS AT THE TOP AND BOTTOM OF THE INCLINED SECTION: AND AT INTERVALS NOT EXCEEDING 3.0m

ANCHOR BLOCKS ARE DESIGNED ACCORDING TO CLAUSE 7.9 OF AS3500.3-2021

DEPTH OF COVER FOR PVC PIPES: MINIMUM PIPE COVER SHALL BE AS FOLLOWS:

LOCATION	MINIMUM COVER
NOT SUBJECT TO VEHICLE LOADING	100mm SINGLE RESIDENTIAL
	300mm ALL OTHER DEVELOPMENTS
SUBJECT TO VEHICLE LOADING	450mm WHERE NOT IN A ROAD
UNDER A SEALED ROAD	600mm
UNSEALED ROAD	750mm
PAVED DRIVEWAY	100mm PLUS DEPTH OF CONCRETE

SEE AS2032 INSTALLATION OF UPVC PIPES FOR FURTHER INFORMATION.

CONCRETE PIPE COVER SHALL BE IN ACCORDANCE WITH AS3725-2007 LOADS ON BURIED CONCRETE PIPES. HOWEVER A MINIMUM COVER OF 450mm WILL APPLY

WHERE INSUFFICIENT COVER IS PROVIDED, THE PIPE SHALL BE COVERED AT LEAST 50mm THICK OVERLAY AND SHALL THEN BE PAVED WITH AT LEAST: • 150mm REINFORCED CONCRETE WHERE SUBJECT TO HEAVY VEHICLE TRAFFIC;

- TSmm THICKNESS OF BRICK OR 100mm OF CONCRETE PAVING WHERE SUBJECT TO LIGHT VEHICLE TRAFFIC; OR 50mm THICK BRICK OR CONCRETE PAVING WHERE NOT SUBJECT TO VEHICLE TRAFFIC.

CONNECTIONS TO STORMWATER DRAINS UNDER BUILDINGS: SHALL BE CARRIED OUT IN ACCORDANCE WITH SECTION 6.2.8 OF AS3500.3-2021

ABOVE GROUND PIPEWORK: SHALL BE CARRIED OUT IN ACCORDANCE WITH SECTION 6 OF AS3500.3-2021





	PIT SIZES AND DESIGN:							
)R	DEPTH (mm)	MINIMUM PIT SIZE (mm)						
	UP TO 450mm	450 x 450						
	450mm TO to 600mm	600 x 600						
TY	600mm TO 900mm	600 x 900						
	900mm TO 1500mm	900 x 900 (WITH STEP IRONS)						
	1500mm TO 2000mm	1200 x 1200 (WITH STEP IRONS)						

ALL PIPES SHOULD BE CUT FLUSH WITH THE WALL OF THE PIT

PITS GREATER THAN 600mm DEEP SHALL HAVE A MINIMUM ACCESS OPENING OF 600 x 600n

THE GRATED COVERS OF PITS LARGER THAN 600 x 600mm ARE TO BE HINGED TO PREVENT THE GRATE FROM FAILIING INTO THE PIT

THE BASE OF THE DRAINAGE PITS SHOULD BE AT THE SAME LEVEL AS THE INVERT OF THE OUTLET PIPE. RAINWATER SHOULD NOT BE PERMITTED TO POND WITHIN THE STORMWATER SYSTEM

- TRENCH DRAINS: CONTINUOUS TRENCH DRAINS ARE TO BE OF WIDTH NOT LESS THAN 150mm AND DEPTH NOT LESS THAN 100mm. THE BARS OF THE GRATING ARE TO BE PARALLEL TO THE DIRECTION OF SURFACE FLOW
- STEP IRONS: PITS BETWEEN 1.2m AND 6m ARE TO HAVE STEP IRONS IN ACCORDANCE WITH AS1657, FOR PITS GREATER THAN 6m OTHER MEANS OF ACCESS MUST BE PROVIDED

- IN-SITU PITS: IN-SITU PITS ARE TO BE CONSTRUCTED ON A CONCRETE BED OF AT LEAST 150mm THICK. THE WALLS ARE TO BE DESIGNED TO MEET THE MINIMUM REQUIREMENTS OF CLAUSE 7.5.5.1 OF AS3500.3-2021. PITS DEEPER THAN 1.8m SHALL BE CONSTRUCTED WITH REINFORCED CONCRETE.
- GRATES GRATES ARE TO BE GALVANISED STEEL GRID TYPE, GRATES ARE TO BE OF HEAVY-DUTY TYPE IN AREAS WHERE THEY MAY BE SUBJECT TO VEHICLE LOADING.

CLASS		USE							
A	EXTRA LIGHT DUTY	AREAS INCLUDING FOOTWAYS, ACCESSIBLE ONLY TO PEDESTRIANS, PED. CYCLISTS AND CLOSED TO OTHER TRAFFIC							
в	LIGHT DUTY	AREAS INCLUDING FOOTWAYS AND LIGHT TRACTOR PATHS ACCESSIBLE TO VEHICLES (EXCLUDING COMMERCIAL VEHICLES) OR LIVESTOCK							
С	MEDIUM DUTY	MALLS AND AREAS OPEN TO SLOW-MOVING COMMERCIAL TRAFFIC							
D	HEAVY DUTY	CARRIAGEWAYS OF ROADS AND AREAS OPEN TO COMMERCIAL VEHICLES							
E	EXTRA HEAVY DUTY	GENERAL DOCKS AND AIRCRAFT PAVEMENTS							
F	EXTRA HEAVY DUTY	DOCK AND AIRCRAFT PAVEMENTS SUBJECT TO HIGH WHEEL LOADS							
G	EXTRA HEAVY DUTY	DOCKS AND AIRCRAFT PAVEMENTS SUBJECT TO VERY HIGH WHEEL LOADS							

GENERAL NOTES

 FINAL LOCATION OF NEW DOWNPIPES TO BE DETERMINED BY BUILDER/ARCHITECT AT TIME OF CONSTRUCTION. THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS AND OTHER CONSULTANTS DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE ENGINEER BEFORE

2

- PROCEEDING WITH WORK ALL MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH AS/NZS 3500.3:2021 STORMWATER DRAINAGE. BCA AND
- LOCAL COUNCIL POLICY/CONSENT/REQUIREMENTS. ALL DIMENSIONS AND LEVELS TO BE VERIFIED BY BUILDER ON-SITE PRIOR TO COMMENCEMENT OF WORKS THESE
- DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS NOR TO BE USED FOR SETOUT PURPOSES. ALL SURVEY INFORMATION AND PROPOSED BUILDING AND
- FINISHED SURFACE LEVELS SHOWN IN THESE DRAWINGS ARE BASED ON LEVELS OBTAINED FROM DRAWINGS BY OTHERS.
- BASED ON LEVELS OBTAINED FROM DRAWINGS BY OTHERS. THESE DRAWINGS DEPICT THE DESIGN OF SURFACE STORMWATER RUNCHF DRAINAGE SYSTEMS ONLY AND DO NOT DEPICT ROOF DRAINAGE OR SUBSOIL DRAINAGE SYSTEMS UNLESS NOTEO THERWISE THE DESIGN OF ROOF AND SUBSOIL DRAINAGE SYSTEMS IS THE RESPONSIBILITY OF DTHERS ALL STORMWATER DRAINAGE PIPES ARE TO BE UPVC AT
- 7 MINIMUM 1% GRADE UNLESS NOTED OTHERWISE. 8. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE AND
- LEVEL ALL EXISTING SERVICES OR OTHER STRUCTURES WHICH MAY AFFECT/BE AFFECTED BY THIS DESIGN PRIOR TO COMMENCEMENT OF WORKS. 9. ALL PITS WITHIN DRIVEWAYS TO BE 150mm THICK CONCRETE
- 10. THIS PLAN IS THE PROPERTY OF QUANTUM ENGINEERS AND MAY NOT BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION FROM QUANTUM ENGINEERS.

PLAN NOTES

- 1. ROOF DRAINAGE NOTE: AS 3500 ROOF DRAINAGE REQUIRES EAVES GUTTERS TO BE SIZED FOR 20 YEAR 5 MIN. STORM = 205mm/br EOR EAVES GUTTERS AS 3500 3/2021 THEN HAS THE FOLLOWING REQUIREMENTS:
- THE FOLLOWING REQUIREMENTS: 1.1. FOR TYPICAL STANDARD QUAD GUTTER WITH As = 6000mm³ AND GUTTER SLOPE 1:500 AND STEEPER, THIS REQUIRES ONE DOWNPIPE FRR 30m³ ROOF AREA. 12. DOWNPIPES TO BE INIMIMUM 90mm DIA. OR 100 x 50mm FOR GUTTERS SLOPE 1:500 AND STEPPER.
- OVERFLOW METHOD TO FIGURE F.1 OF AS 3500.3:2021 IT IS THE RESPONSIBILITY OF THE PLUMBER AND / OR BUILDER TO COMPLY WITH THIS THIS DRAWING SHOWS PRELIMINARY LOCATIONS / NUMBERS OF DOWNPIPES ONLY WHICH ARE TO BE VERIFIED BY BUILDER / PLUMBER
- ADD APPENDIX G OF AS 3500.32021 AND SECTIONS AND APPENDIX G OF AS 3500.32021 THIS DRAWING IS NOT TO BE USED FOR SET-OUT PURPOSES REFER TO ARCHITECTURAL DRAWING
- MAY BE VARIED OR NEW PITS INSTALLED AT THE CONSTRUCTION STAGE PROVIDED DESIGN INTENT OF THIS DRAWING IS MAINTAINED



STORMWATER LEGEND

->

STORMWATER PIPE VIA GRAVITY

STORMWATER PIPE TO RAINWATER TANK

PRESSURE PIPE FROM PUMP-OUT TANK

100mm DIA (MIN) U.N.C

100mm DIA (MIN) U N C

65mm DIA (MIN) U.N.O

SURFACE INLET PIT

SURFACE INLET PIT

(WITH 'OCEANGUARD'

GRATED TRENCH DRAIN

MIN 150mm DEEP (U.N.O)

==

——E———E——	UNDERGROUND ELECTRICITY CABLES	
GG	UNDERGROUND GASMAIN	_
NBN	UNDERGROUND NBN NETWORK CABLE	APPROXIMATE POSITION ONLY VIA DIAL BEFORE YOU DIG PLANS.
	UNDERGROUND OPTUS CABLES	WHERE CRITICAL TO DESIGN UNDERGROUND SERVICES SHOULD BE LOCATED BY GROUND PENETRATING RADAR PRIOR TO DESIGN
SS	UNDERGROUND SEWERMAIN	OR EXCAVATION.
TT	UNDERGROUND TELSTRA COMMUNICATIONS CABLES	
W	UNDERGROUND SYDNEY WATER LINE	



QUANTUM	GENERAL NOTES	APPROVED BY	CLIENT	DRAWING TITLE	APPROX TRUE NORTH	REVISION	DATE	DESCRIPTION	DESIGNED BY		CHECKED BY	No. IN SET	JOB NUMBER
ENGINEERS	ALL DIMENSIONS SHOWN IN DRIVINGS ARE TO BE CONFIRMED ON SITE BEFORE COMMENCEMENT OF WORKS. DO NOT SCILE OFF DRAWINGS.	ROBERT ELTOBBAGI	FARM ROAD DEVELOPMENTS	DETAILS, NOTES & LEGEND	N	A	05.11.2024	ISSUED FOR DEVELOPMENT APPLICATION	D.CHENG				45000000000
Sale (A Level)	DRAWNE TO BE READ IN CONJUNCTION/WITH ARCHITECTS/FLAMS. ALL DOSTING GROUND LINES & TREES ARE APPROXIMATE ONLY. TO BE VERIFIED ON GITE BY BUILDER. ALL WORK TO DE UNDER & THESE ARE APPROXIMATE ONLY. TO BE VERIFIED ON GITE BY BUILDER.	BE[Cw] MEAust CPEng NER(1052208) RPEQ(25454)		PROPOSED ALTERATIONS & ADDITIONS	X					ISSUED FOR	R. ELTOBBAGI	6	150330(AA)_SW
2 Rove Street, Eastwood NSW 2122	III ALL RELEVANT & CURRENT BUILDING CODES, ACTS & RESULATIONS 11 ALL CURRENT AUSTRALIAN STANDARDS	APEC EngineerIntPE(Aut)	ARCHITECT	Lot 34, 35 & 36, 13-15 FARM STREET						DA	SCALE - SIZE	REVISION	DRAWING No.
ot restri restri admin@quantumengineers.com.as	CALLOCK CONCLASSIBATION AS MILLAS ALLOCY ELEP ASSOCIATED.		SMITH & TZANNES	Lot 34, 35 & 36, 13-15 FARM STREET, GLADESVILLE NSW 2111									. D1
quantumengineers, convau	A WHOLE OF ANY TWITHOUT INTITIA CONSIST APPRICAZ COPINIDAT.	<u> </u>		GLADESVILLE NSW 2111									

- 2. TREE PRESERVATION: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY PRIOR APPROVAL REQUIRED FROM COUNCIL WITH RESPECT TO POTENTIAL IMPACT ON TREES FOR ANY WORKS SHOWN ON THIS DRAWING PRIOR TO THE COMMENCEMENT OF THOSE WORKS 3. ALL ROOF GUTTERS TO HAVE OVERFLOW PROVISION IN
- ACCORDANCE WITH AS 3500.3/2021 AND SECTIONS 3.5. 3.7.7
- 5 LOCATION OF SURFACE STORMWATER GRATED INLET PITS

OR EQUAL.

