

PROPOSED RESIDENTIAL FLAT BUILDING

36-38 Rodley Avenue, Penrith, NSW, 2750



| DEVELOPMENT DETAILS | | | |
|--------------------------|-----------------------------|--------------------|-------|
| Site Area | 1112m ² | | |
| Gross Floor Area (GFA) | 2095m ² | | |
| Zoning | R4 High Density Residential | | |
| | Allowable | Proposed | |
| Floor Space Ratio (FSR)* | n/a | 1.88:1 | |
| Total Storeys | 6 | 6 | |
| Communal Open Space | 25% | 65.4m ² | 5.88% |
| Deep Soil Zones | 7% | 390m ² | 35% |

*LEP REQUIREMENT
^SEPP 65 REQUIREMENT
REFER SHEET DA02 FOR DETAILS

| UNITS TYPES | |
|----------------------|-------|
| Type | Count |
| 2B | 9 |
| 2B Adaptable | 3 |
| 3B | 9 |
| TOTAL APARTMENTS: 21 | |

| GROSS FLOOR AREA | |
|------------------|-----------------------|
| Level | Area |
| GROUND LEVEL | 316.7 m ² |
| LEVEL 1 | 396.3 m ² |
| LEVEL 2 | 396.3 m ² |
| LEVEL 3 | 396.3 m ² |
| LEVEL 4 | 388.3 m ² |
| LEVEL 5 | 201.8 m ² |
| Grand total: 6 | 2095.8 m ² |

| COMMON OPEN SPACE | |
|---------------------|-----------|
| Area | % of Site |
| 65.4 m ² | 5.88 |

| DEEP SOIL AREA | |
|----------------------|------------|
| Area | % the Site |
| 390.1 m ² | 34.99 |

| CAR SPACES REQUIRED | |
|--------------------------|----|
| 2 Bed units: 9 | 9 |
| 2 Bed units Adaptable: 3 | 3 |
| 3 Bed units: 9 | 18 |
| Visitors (1/5) | 4 |
| Service vehicles (1/40) | 1 |
| Washing bay (1/50) | 1 |
| Grand total | 36 |

| CAR SPACES - TYPES | |
|--------------------------|--------|
| Type | Number |
| Disabled - 2400w x 5400d | 3 |
| Service - 2500w x 5400d | 1 |
| STANDARD - 2500w x 5400d | 29 |
| Visitor - 2500w x 5400d | 4 |
| Grand total: 37 | 37 |

| ISSUE | DATE | AMENDMENT |
|-------|------------|---------------|
| A | 04/09/2018 | DA SUBMISSION |

| PROJECT | ADDRESS | CLIENT |
|------------------------------------|---|------------------------|
| PROPOSED RESIDENTIAL FLAT BUILDING | 36-38 Rodley Avenue, Penrith, NSW, 2750 | Inglow Investments Two |

| CLIENT | SCALE BAR | NORTH POINT |
|------------------------|-----------|-------------|
| Inglow Investments Two | | |

| ARCHITECT | REGISTRATION NUMBER | ADDRESS | CONTACT |
|--------------|---------------------|-------------------------------------|--------------|
| MORSON GROUP | 1910 | 2/250 Pitt Street, Sydney, NSW 2000 | 02 9250 0000 |

| SHEET SIZE | SCALE | DATE |
|------------|-------|------|
| A1 | 1:1 | |

| SHEET NAME | DRAWING NUMBER |
|--------------------|----------------|
| IEWS AND SCHEDULES | DA01 |

| ISSUE NO. | DRAWING NUMBER |
|-----------|----------------|
| A | DA01 |

| Compliance Schedule (SEPP65-2015 Apartment Design Guide - Design Criteria & Objectives) | | | | | | | | | | | | | | | | | |
|---|--|--|---------------------------------|-------------------------|-----------------|---|---------------------------------------|------------------|------------|-----------------------|-----------------------|---|-----------------------|---|------|-----------------------|--|
| Design Criteria | Compliance | Proposal | | | | | | | | | | | | | | | |
| <p>3D-1</p> <p>1. Communal open space has a minimum area equal to 25% of the site</p> <p>2. Developments achieve a minimum of 50% direct sunlight to the principal usable part of the communal open space for a minimum of 2 hours between 9 am and 3 pm on 21 June (mid winter)</p> | <p>-</p> <p>Yes</p> | <p>1. The Common Open Space is 65.4m² comprising 6% of the site. The Common Area is less than the required size for the site area. The units facing the south and those on ground have Terraces and Balconies which are in excess of the ADG minimums which are intended to offset the reduction in common area provided. The location and quality of the common area exceeds the requirements of the ADG and is a better design outcome as opposed to locating a compliant sized Common area at ground level in the rear corner of the site. The location of the Common Area at Level 5 being further setback from the side boundaries will have a lesser impact on the neighbouring properties.</p> <p>2. Sunlight Access Requirements are unable to be met due to the location of the Common area on the roof facing the views instead of the Northern Sunlight.</p> | | | | | | | | | | | | | | | |
| <p>3E-1</p> <p>1. Deep soil zones are to meet the following minimum requirements:</p> <table border="1"> <thead> <tr> <th>Site Area</th> <th>Min Dimension</th> <th>Deep Soil Zone (% of site Area)</th> </tr> </thead> <tbody> <tr> <td><=50m²</td> <td>-</td> <td>7%</td> </tr> <tr> <td>60m²-1,500m²</td> <td>3m</td> <td></td> </tr> <tr> <td>>1,500m²</td> <td>6m</td> <td></td> </tr> </tbody> </table> | Site Area | Min Dimension | Deep Soil Zone (% of site Area) | <=50m ² | - | 7% | 60m ² -1,500m ² | 3m | | >1,500m ² | 6m | | <p>Yes</p> | <p>1. Deep soil zones provided well exceed the minimum requirements. The site provides for a total area of 390m² of deep soil zone or 35% of total site.</p> | | | |
| Site Area | Min Dimension | Deep Soil Zone (% of site Area) | | | | | | | | | | | | | | | |
| <=50m ² | - | 7% | | | | | | | | | | | | | | | |
| 60m ² -1,500m ² | 3m | | | | | | | | | | | | | | | | |
| >1,500m ² | 6m | | | | | | | | | | | | | | | | |
| <p>3F-1</p> <p>Separation between windows and balconies is provided to ensure visual privacy is achieved. Min required separation distances from buildings to the side and rear boundaries are as follows:</p> <table border="1"> <thead> <tr> <th>Building Height</th> <th>Habitable rooms and balconies</th> <th>Non-habitable rooms</th> </tr> </thead> <tbody> <tr> <td>up to 12m (4 storeys)</td> <td>6m</td> <td>3m</td> </tr> <tr> <td>up to 25m (5-8 storeys)</td> <td>9m</td> <td>4.5m</td> </tr> <tr> <td>over 25m (9+ storeys)</td> <td>12m</td> <td>6m</td> </tr> </tbody> </table> <p>Gallery access circulation treated as habitable space when measuring privacy separation distances between neighbouring properties.</p> | Building Height | Habitable rooms and balconies | Non-habitable rooms | up to 12m (4 storeys) | 6m | 3m | up to 25m (5-8 storeys) | 9m | 4.5m | over 25m (9+ storeys) | 12m | 6m | <p>-</p> | <p>Setbacks: Northern Boundary: [NOTE: Street Frontage of Rodley Ave, residential housing across the road] Setback from 4.7m to 5.5m [Ground-Level 4] Setback from 8.0m to 9.1m [Level 5] Southern Boundary: Setback from 3.0m to 3.8m [Ground-Level 4] Setback 6.74m to 8.14 [Levels 5] Western Boundary: Setback from 5.0m to 7.3m [Ground-Level 4] Setback from 8.29m to 9.99m [Levels 5] Eastern Boundary: Setback from 5.0m to 7.3m [Ground-Level 4] Setback from 8.29m to 9.99m [Levels 5]</p> | | | |
| Building Height | Habitable rooms and balconies | Non-habitable rooms | | | | | | | | | | | | | | | |
| up to 12m (4 storeys) | 6m | 3m | | | | | | | | | | | | | | | |
| up to 25m (5-8 storeys) | 9m | 4.5m | | | | | | | | | | | | | | | |
| over 25m (9+ storeys) | 12m | 6m | | | | | | | | | | | | | | | |
| <p>4A-1</p> <p>1. Living rooms and private open spaces of at least 70% of apartments in a building receive a minimum of 2 hours direct sunlight between 9 am and 3 pm at mid winter in the Sydney Metropolitan Area and in the Newcastle and Wollongong local government areas.</p> <p>3. A maximum of 15% of apartments in a building receive no direct sunlight between 9 am and 3 pm at mid winter</p> | <p>Yes</p> | <p>1. 85.7% [16-21] of apartments receive 2 hours of direct sunlight.</p> <p>3. None of the apartments receive no direct sunlight between 9am & 3pm at mid winter</p> | | | | | | | | | | | | | | | |
| <p>4B-3</p> <p>1. At least 60% of apartments are naturally cross ventilated in the first nine storeys of the building. Apartments at ten storeys or greater are deemed to be cross ventilated only if any enclosure of the balconies at these levels allows adequate natural ventilation and cannot be fully enclosed</p> <p>3. Overall depth of a cross-over or cross-through apartment does not exceed 16m, measured glass line to glass line</p> | <p>Yes</p> <p>n/a</p> | <p>1. 100% [21-21] of apartments are cross-ventilated</p> | | | | | | | | | | | | | | | |
| <p>4C-1</p> <p>Measured from finished floor level to finished ceiling level, minimum ceiling heights are:</p> <table border="1"> <thead> <tr> <th>Minimum ceiling height for apartment and mixed use buildings</th> </tr> </thead> <tbody> <tr> <td>Habitable rooms</td> </tr> <tr> <td>Non-habitable</td> </tr> <tr> <td>For 2 storey apartments</td> </tr> </tbody> </table> | Minimum ceiling height for apartment and mixed use buildings | Habitable rooms | Non-habitable | For 2 storey apartments | <p>Yes</p> | <p>Minimum ceiling heights are in accordance with the design criteria</p> | | | | | | | | | | | |
| Minimum ceiling height for apartment and mixed use buildings | | | | | | | | | | | | | | | | | |
| Habitable rooms | | | | | | | | | | | | | | | | | |
| Non-habitable | | | | | | | | | | | | | | | | | |
| For 2 storey apartments | | | | | | | | | | | | | | | | | |
| <p>4D-1</p> <p>1. Apartments are required to have the following minimum internal areas:</p> <table border="1"> <thead> <tr> <th>Apartment type</th> <th>Minimum internal area</th> </tr> </thead> <tbody> <tr> <td>Studio</td> <td>35m²</td> </tr> <tr> <td>1 bedroom</td> <td>50m²</td> </tr> <tr> <td>2 bedroom</td> <td>70m²</td> </tr> <tr> <td>3 bedroom</td> <td>90m²</td> </tr> </tbody> </table> <p>The minimum internal areas include only one bathroom. Additional bathrooms increase the minimum internal area by 5m² each</p> <p>2. Every habitable room must have a window in an external wall with a total minimum glass area of not less than 10% of the floor area of the room. Daylight and air may not be borrowed from other rooms.</p> | Apartment type | Minimum internal area | Studio | 35m ² | 1 bedroom | 50m ² | 2 bedroom | 70m ² | 3 bedroom | 90m ² | <p>Yes</p> <p>Yes</p> | <p>Minimal internal areas are in accordance with the design criteria</p> | | | | | |
| Apartment type | Minimum internal area | | | | | | | | | | | | | | | | |
| Studio | 35m ² | | | | | | | | | | | | | | | | |
| 1 bedroom | 50m ² | | | | | | | | | | | | | | | | |
| 2 bedroom | 70m ² | | | | | | | | | | | | | | | | |
| 3 bedroom | 90m ² | | | | | | | | | | | | | | | | |
| <p>4D-2</p> <p>1. Habitable room depths are limited to a maximum of 2.5 x the ceiling height</p> <p>2. In open plan layouts (where the living, dining and kitchen are combined) the maximum habitable room depth is 8m from a window</p> | <p>Yes</p> <p>Yes</p> | <p>Habitable room depths are in accordance with the design criteria</p> | | | | | | | | | | | | | | | |
| <p>4D-3</p> <p>1. Master bedrooms have a minimum area of 10m² and other bedrooms to have 9m² (excluding wardrobe space)</p> <p>2. Bedrooms have a minimum dimension of 3m (excl. wardrobe space)</p> <p>3. Living rooms or combined living/dining rooms have a minimum width of:</p> <ul style="list-style-type: none"> • 3.6m for studio and 1 bed apartments • 4m for 2 and 3 bedroom apartments | <p>Yes</p> <p>Yes</p> <p>Yes</p> | <p>All bedrooms are 9m² & Master bedrooms 10m².</p> <p>All bedrooms have minimum dimension of 3m.</p> <p>All living rooms have minimum dimension of 4m.</p> | | | | | | | | | | | | | | | |
| <p>4E-1</p> <p>1. All apartments are required to have primary balconies as follows:</p> <table border="1"> <thead> <tr> <th>Dwelling type</th> <th>Minimum area</th> <th>Minimum depth</th> </tr> </thead> <tbody> <tr> <td>Studio apartments</td> <td>4m²</td> <td>-</td> </tr> <tr> <td>1 bedroom apartments</td> <td>8m²</td> <td>2m</td> </tr> <tr> <td>2 bedroom apartments</td> <td>10m²</td> <td>2m</td> </tr> <tr> <td>3+ bedroom apartments</td> <td>12m²</td> <td>2.4m</td> </tr> </tbody> </table> <p>The minimum balcony depth to be counted as contributing to the balcony area is 1m.</p> <p>2. For apartments at ground level or on a podium or similar structure, a private open space is provided instead of a balcony. It must have a minimum area of 15m² and a minimum depth of 3m</p> | Dwelling type | Minimum area | Minimum depth | Studio apartments | 4m ² | - | 1 bedroom apartments | 8m ² | 2m | 2 bedroom apartments | 10m ² | 2m | 3+ bedroom apartments | 12m ² | 2.4m | <p>Yes</p> <p>Yes</p> | <p>1. Balconies provided to apartments are in accordance with this design criteria.</p> <p>2. Terraces provided to apartments are in accordance with this design criteria.</p> |
| Dwelling type | Minimum area | Minimum depth | | | | | | | | | | | | | | | |
| Studio apartments | 4m ² | - | | | | | | | | | | | | | | | |
| 1 bedroom apartments | 8m ² | 2m | | | | | | | | | | | | | | | |
| 2 bedroom apartments | 10m ² | 2m | | | | | | | | | | | | | | | |
| 3+ bedroom apartments | 12m ² | 2.4m | | | | | | | | | | | | | | | |
| <p>4F-1</p> <p>1. The maximum number of apartments off a circulation core on a single level is eight</p> <p>2. For buildings of 10 storeys and over, the maximum number of apartments sharing a single lift is 40</p> | <p>Yes</p> <p>n/a</p> | <p>1. All levels provide 4 or less apartments off a circulation core.</p> | | | | | | | | | | | | | | | |
| <p>4G-1</p> <p>1. In addition to storage in kitchens, bathrooms and bedrooms, the following storage is provided:</p> <table border="1"> <thead> <tr> <th>Apartment type</th> <th>Storage size volume</th> </tr> </thead> <tbody> <tr> <td>Studio</td> <td>4m³</td> </tr> <tr> <td>1 bedroom</td> <td>6m³</td> </tr> <tr> <td>2 bedroom</td> <td>8m³</td> </tr> <tr> <td>3+ bedroom</td> <td>10m³</td> </tr> </tbody> </table> <p>At least 50% of the required storage is to be located within the apartment</p> | Apartment type | Storage size volume | Studio | 4m ³ | 1 bedroom | 6m ³ | 2 bedroom | 8m ³ | 3+ bedroom | 10m ³ | <p>Yes</p> | <p>All storage requirements are in accordance with this design criteria. Storage Cages are provided in the basement in addition to storage cupboards provided within the apartment.</p> | | | | | |
| Apartment type | Storage size volume | | | | | | | | | | | | | | | | |
| Studio | 4m ³ | | | | | | | | | | | | | | | | |
| 1 bedroom | 6m ³ | | | | | | | | | | | | | | | | |
| 2 bedroom | 8m ³ | | | | | | | | | | | | | | | | |
| 3+ bedroom | 10m ³ | | | | | | | | | | | | | | | | |

THERMAL PERFORMANCE SPECIFICATIONS: (20331 – 36 Rodley Ave)

The following specifications take precedence over other plan notations for the construction of this building.

NOTE: In addition to BASIX commitments; building compliance is required to comply with the 'New South Wales Additions' in the current edition of the NCC – Vol. 1, at the time of building.

This includes New South Wales Part J(A). Specifically:

- Building thermal construction is in accordance with part J1.2
- loss of ceiling insulation is compensated for by increased roof insulation in accordance with Part J1.3(c)
- where metal frames are used that thermal breaks are installed in accordance with Part J1.3(d) and J1.5(c)
- Any roof lights, windows, doors and exhaust fans are sealed in accordance Part J3
- Any new air-conditioning system is installed in accordance with Parts J5.2(a), J5.2(b), J5.2(c), J5.2(d), J5.2(f) & J5.2(g)
- Any new mechanical ventilation system is installed in accordance with Part J5.3
- Any new miscellaneous exhaust system is installed in accordance with Part J5.4
- Any new heated water system is installed in accordance Part J7.2
- Energy monitoring equipment is installed in accordance Part J8.3

WINDOWS (total product specification – glass + frame)

U-value 6.70 (or less than) & SHGC 0.70 (+/-5%) (Default: Plain Glass in AL frame)

EXTERNAL WALL (Medium colour)

Brick Veneer – R2.5 – 90mm thick Bulk insulation with reflective airgap

INTERNAL WALL

Cavity Panel/Concrete – No Insulation
 Partition walls – No thermal insulation required

EXTERNAL FLOOR

Concrete Slab on Ground – No insulation
 Suspended Concrete (above Basement areas) – R1.3 Bulk insulation

EXTERNAL CEILING/ROOF (Medium colour)

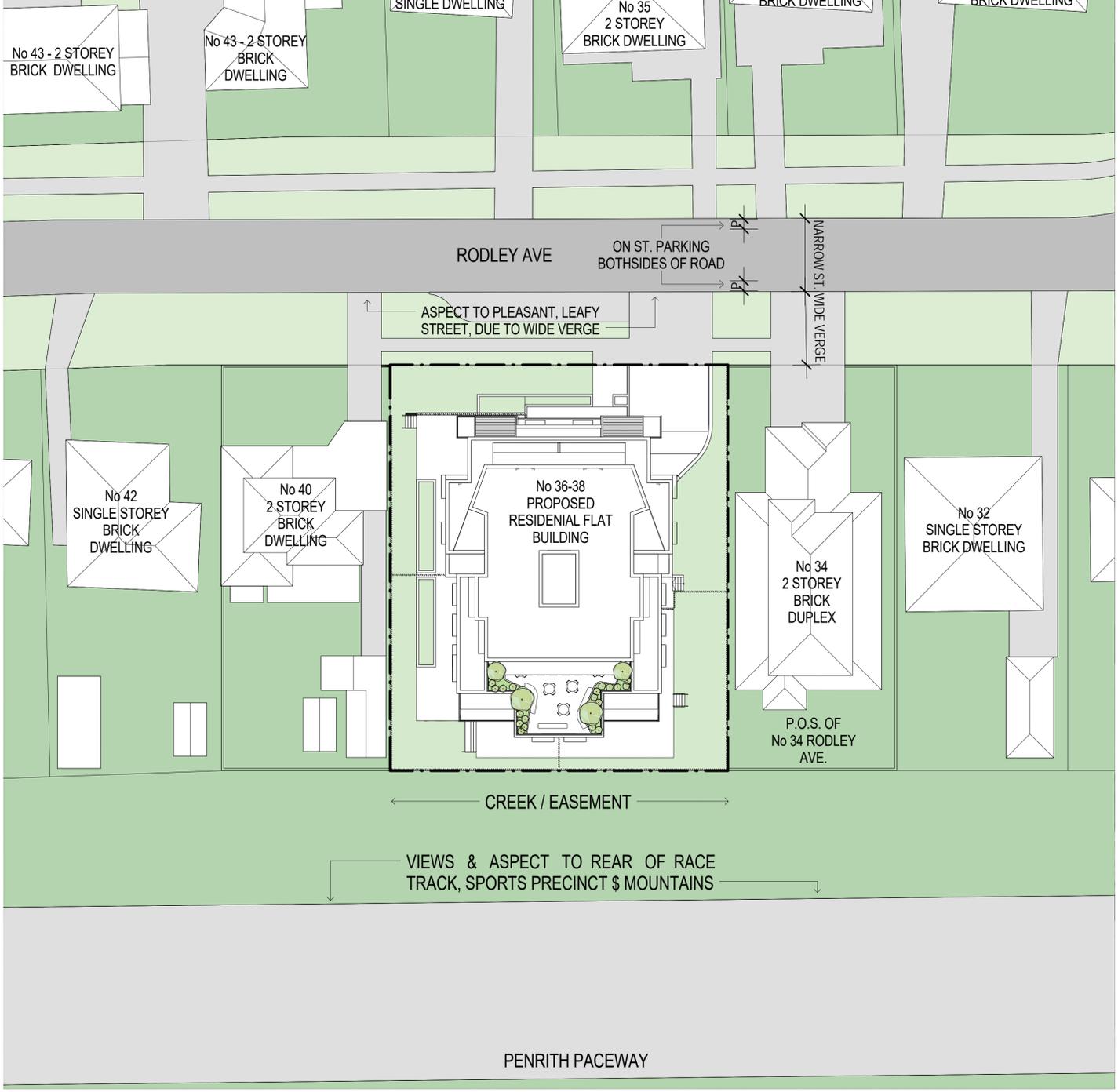
Concrete / Plasterboard – R1.3 bulk insulation (where roofspace or balcony above)

RATED either with NO DOWNLIGHTS or with LED downlights which do not penetrate ceiling insulation (ie: IC rated)

| Design Statement (SEPP65-2015 SCHEDULE 1 - Design Quality Principles) | | | | |
|--|---|--|--|---|
| Principle 1: Context and Neighbourhood Character | Principle 2: Built Form and Scale | Principle 3: Density | Principle 4: Sustainability | |
| <p>Low-density Residential: The remaining neighbouring properties to the North, along Rodley Ave to the East, and South side of Rodley Ave, predominantly consist of low density single and two storey residential dwellings (houses and townhouses). The majority of these lots contain single low-density housing located on long rectangular lots with the short boundary addressing the street. Scattered throughout the low-density housing are some medium-density villa and townhouse developments which are generally consist of central 'gun-barrel' driveways with terraces on either side.</p> <p>Short term to future growth pattern: We note the urban fabric is changing from a low-density to an urban high-density with recent legislative amendments in the Penrith LGA. To clarify, the change in scale is from a one or two storey single dwelling per lot to a 5-6 storey residential development.</p> <p>Context, Neighbourhood Character and UDRP recommendations have been taken into consideration during the design. It is believed that the design responds and contributes to its context, setting a good example for the future proposed developments in the area.</p> | <p>The design responds to its associated context (identified in Principle 1). The proposal is to construct a single tower addressing Rodley Ave. The facade is well articulated and the footprint sits well within the regular shaped site, mimicking the layout pattern of dwellings along Rodley Ave. Common open space is located on Level 5 at the rear of the property to maximise access to the views. The result is an outcome which allows cross ventilation and natural light to a large number of the units. The cross ventilation meets the minimum requirements as well as the direct sunlight between 9am & 3pm at mid winter.</p> <p>UDRP panel recommended design solutions have been taken on board and integrated into the design. Facade articulation and innovation is successfully achieved through both form and colours reducing bulk and scale. The design achieves a positive outcome for built form, scale, context and neighbouring character.</p> <p>R4 zoning and SEPP65 setbacks and height controls have been generally adopted in the proposal. In order to accommodate the stepping of upper storeys and for the building to be well articulated, proposed setbacks and height may vary in parts from the minimum SEPP65 requirements.</p> <p>It is assumed that the proposed setbacks and heights would be found acceptable.</p> <p>The highest height intrusion is the top of lift shaft at nominal 1.55m above the allowable 18m height control and has an RL 46.840. The lift shaft being centrally located within the site presents no adverse impacts on neighbouring properties.</p> | <p>The Penrith LGA has recently seen an upzoning of residential areas to R4 High-Density Residential. The subject site lies within such an area with several Development Applications having already been submitted to Council in the close proximity of Devitts Parade and Vista Streets.</p> <p>As there is no FSR control on the site, the density of the proposed development is controlled by the height limits and setbacks as per the ADG Tower Separation Controls.</p> <p>Moreover, Communal Open Spaces and Deep Soil Zones in the proposed development meet the minimum requirements of the ADG, further controlling the allowable density on the site.</p> <p>The proposal consists of a mixture of large 2 and 3 bedroom apartments.</p> <p>It is believed that the proposed development seeks full compliance in this SEPP 65 Principle.</p> | <p>The Apartment Design Guide 2015 aims to deliver improved sustainability through better traffic and transport solutions, greater building adaptability and robustness, improved energy efficiency and water sensitive urban design.</p> <p>The proposed development aims to exceed the minimum standards of the ADG 2015 wherever possible. Consideration has been given to the increased apartment areas throughout the development to facilitate future sustainable growth of Sydney's outer suburbs.</p> <p>Bicycle parking has been located on basement 1 to promote the use of active transport to the Penrith area in lieu of vehicle use. (See Principle 6 for details). The development also features landscape areas in accordance with the requirements of the ADG 2015 design criteria. (See Principle 5 for details).</p> <p>The development also features well designed apartments with cross ventilation and solar access to the vast majority of the apartments, and well exceeds the minimum ADG 2015 requirements. Use of awnings will reduce the energy consumption in summer months by protecting west-facing apartments and controlling the internal conditions of the apartments.</p> | |
| Principle 5: Landscape | Principle 6: Amenity | Principle 7: Safety | Principle 8: Housing Diversity & Social Interaction | Principle 9: Aesthetics |
| <p>Deep soil planting has been embellished along all boundaries allowing full height trees to grow and provide privacy between the neighbouring properties and potential future adjacent developments.</p> <p>Due to the easement diversion to the western boundary canopy trees are unable to be provided in the deep soil area in this location. To compensate for this planters on structure have been provided adjacent the easement so that canopy trees can be provided to the western setback.</p> <p>Deep soil pockets were maximized and replacement trees are proposed to accommodate landscaping complementing the design and street frontages.</p> <p>The carparking levels have been designed to minimize the footprint but accommodate all the necessary carparking and services.</p> <p>Landscaping has been maximised through locating planters on the ground level structure and also at level: 5 to provide amenity to the Common Open Space.</p> | <p>Penrith Progression 2015 identifies walking & cycling as a "Shaping Element" to make Penrith an Active City (2.7).</p> <p>The site is located about 1.1km walking distance to the Penrith Train Station and 0.4km to Penrith Westfields. On site Bicycle Parking has been provided to promote active transport in and around the Penrith CBD.</p> <p>This design consideration is intended to improve the amenity of the internal living areas of the apartments by maximizing the amount of daylight access and natural cross ventilation, as per the ADG minimum requirements.</p> <p>The apartment layouts are efficient and meet the minimum ADG requirements. 10% of the units have been provided as accessible per the NCC requirements.</p> <p>Sunshading Devices have been applied to the facade to improve the internal environment of each apartment, exceeding minimum standards with regards to BASIX compliance.</p> <p>The Common Open Space has been provided on Level 5 to achieve the highest degree of amenity. The Common Area has access to the best views of the proposal and features gardens and planting to provide amenity.</p> | <p>Secure pedestrian entry into the site has been logically located through the centre of the building along side the vehicle entry and expressed in the facade to read as such. Intercom access & CCTV at the entry provides security from street.</p> <p>Although the pedestrian and vehicle entries are re co-located, each access point is separated with a separate access point.</p> <p>Entry into the basement carpark is via a roller shutter control point with swipe card security to gain access</p> <p>Side Fences at the building line secure the external areas of the development. Gates are provided in the side fences to allow for egress and access to services within the development such as the stormwater easement and biofiltration bed.</p> | <p>Residential areas of Penrith have traditionally included a mix of detached housing (3br+) with a scattering of villa developments closer to the Penrith CBD (2br+). With the recent rezoning to R4 High-Density Residential, the proposed development aligns itself to the existing demographic while providing increase density to respond to the demands of the growing outer suburban ring of Western Sydney.</p> <p>The development features a mix of 2br & 3br apartments which also responds to current market demands in the area. Located in Western Sydney, apartments prices are considerably lower than inner city equivalents which facilitates affordability by default.</p> <p>Social interaction between residents of the development is enriched by the design of the lift lobbies and the Level 5 Common Area. Lift Lobbies are pleasant spaces to interact as they are Open at 2 sides with views to the outside world and direct connection to the lift access point.</p> | <p>The character of the building reflects the context in which it is located (as identified in Principle 1).</p> <p>Rodley Ave frontage is set in a moderately quiet residential context. The composition of facade elements is sympathetic to the scale of the surrounding residential houses and lower scale buildings.</p> <p>The combination of facade articulation and landscaping successfully emphasize the building entry.</p> <p>The facades of the building define a hierarchy for the site. Rodley Ave facade is primary and the facades looking to the side setbacks maintain a secondary role. However, through materials & facade articulation & colour, both facades pursue rationality, clarity, proportion and rhythm which results in a simple elegance (values frequently lost).</p> |



1 SITE PLAN - 1500
DA14 1:1500



2 SITE PLAN & ANALYSIS - 500
DA14 1:250



No 36 & No 34 BOUNDARY



No 36 EASTERN BOUNDARY



No 36 FROM RODLEY ST



CREEK



No 38 WESTERN BOUNDARY



No 38 & No 40 SIDE BOUNDARY



No 38 & No 40 SIDE BOUNDARY

| ISSUE | DATE | AMENDMENT |
|-------|------------|---------------|
| A | 04-09-2018 | DA SUBMISSION |



PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING
ADDRESS
36-38 Rodley Avenue, Penrith, NSW, 2750

CLIENT
Inglow Investments Two



NOMINATED ARCHITECT - PJ MORSON
REGISTRATION NUMBER 1910
ACQ 124 981 026, ABN 61 199 481 014
www.morsongroup.com
120 500 0166
PO Box 170, Penrith, NSW 1505

SHEET NAME
SITE PLAN

SHEET SIZE: A1
SCALE: As Indicated
DATE:

DRAWING NUMBER
DA04
ISSUE NO
A

RODLEY AV

KERB INLET PIT

SEALED PIT
SL 26.87

SEALED PIT

POWER POLE

TELSTRA PIT

COUNCIL DREANAGE EASEMENT
(1.826 WIDE)

COMPLETLEY
DEMOLISH ALL
PAVING SLABS &
DRIVEWAYS

DP33490
LOT 59

DP33490
LOT 58

COMPLETLEY
DEMOLISH ALL
PAVING SLABS &
DRIVEWAYS

COMPLETLEY DEMOLISH
EXISTING RESIDENCE
DOWN TO FOOTINGS.
CAP OFF ALL SERVICES

COMPLETLEY DEMOLISH
EXISTING RESIDENCE
DOWN TO FOOTINGS.
CAP OFF ALL SERVICES

COMPLETLEY
DEMOLISH ALL PAVING
SLABS & DRIVEWAYS

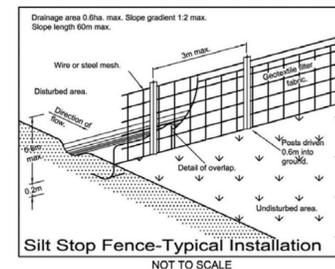
COMPLETLEY
DEMOLISH ALL PAVING
SLABS &
DRIVEWAYS

COMPLETLEY DEMOLISH ALL
EXISTING GARAGES,
CARPORTYS & OUTBUILDINGS
DOWN TO FOOTINGS

CREEK

SEDIMENT & EROSION CONTROL

1. THE CONTRACTOR SHALL IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES TO THE COUNCIL'S SPECIFICATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND DURING CONSTRUCTION.
2. ALL EROSION & SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED IN A SATISFACTORY WORKING ORDER DURING THE CONSTRUCTION PERIOD. INSPECTIONS OF THESE DEVICES SHALL BE CARRIED OUT AFTER EACH STORM. REPAIRS AND/OR DE-CLOGGING SHALL BE CARRIED OUT TO ENSURE PROPER OPERATION OF THE DEVICE.
3. STORAGE OF MATERIALS AND EQUIPMENT SHALL BE WITHIN SEDIMENT CONTROLLED AREAS.
4. REMOVE SILT STOP FENCING AND DRAINAGE STRUCTURE SEDIMENT CONTROL TRAPS AFTER VEGETATION IS ESTABLISHED.



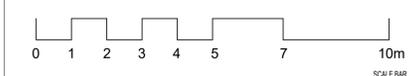
NOTE:

1. ALL DEMOLITION WORK TO BE CARRIED OUT IN ACCORDANCE WITH AS 2601-2001(THE DEMOLITION OF STRUCTURES)
2. THIS DEMOLITION DRAWING GIVES AN INDICATION OF THE SCOPE REQUIRED TO CARRY OUT THE ALTERATIONS & ADDITIONS AS PROPOSED. THE BUILDER IS ASSUMED TO HAVE INSPECTED THE SITE DURING TENDERING & ALLOWED FOR ALL DEMOLITION INCLUDING SUNDRY WORKS NOT INDICATED ON THIS DRAWING THAT ARE REQUIRED IN ORDER TO CONSTRUCT THE WORKS.

| ISSUE | DATE | AMENDMENT |
|-------|------------|---------------|
| A | 04-09-2018 | DA SUBMISSION |

LEGEND

- NEW WALL/WORK
- EXISTING WALL
- DEMOLITION
- TREE TO BE REMOVED
- TREE TO BE RETAINED
- NEW PLANTING
- PROPOSED LEVEL



PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING
ADDRESS
36-38 Rodley Avenue, Penrith, NSW, 2750

CLIENT
Inglow Investments Two



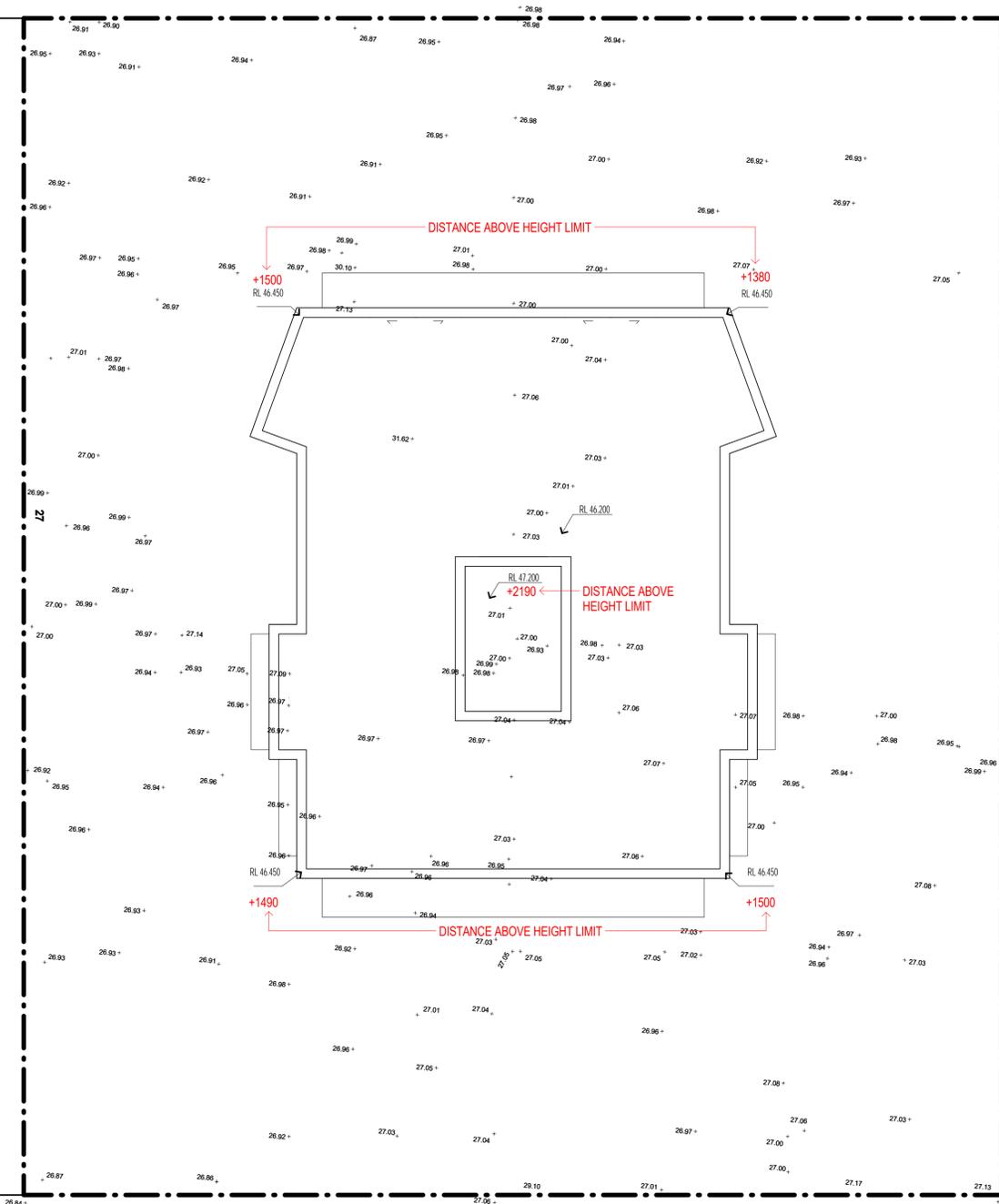
REGISTERED ARCHITECTS - P14 MORSON
REGISTRATION NUMBER 1910
A/CN 124 180 004, ABA/41 194 480 004
www.morsongroup.com
020 9380 0000
PO Box 170, Parramatta, NSW 1502

SHEET NAME
DEMOLITION PLAN

SHEET SIZE: A1
SCALE: 1:100
DATE:

DRAWING NUMBER
DA05
ISSUE NO.
A

RODLEY AVE

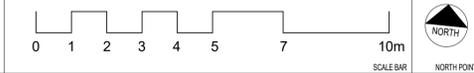


Penrith City Council Flood Level Report:
 -The 1% AEP local overland flow flood level affecting the above property is estimated to be RL 27.1m AHD
 -Property less than 0.5m above the 1% AEP flood level (27.6m) is subject to Penrith Development Control Plan 2014.
 -Street RL=26.95m

Owing to Flood level issues the building must be placed 650mm above the street RL (26.950mm),
 Floor to floor height is 3.10m instead of 3m in order to guarantee 2.7m height clearance.
 3.10m x 6 = 18.60m, what exceeds 600mm the height limit.
 Hob (above roof slab)= 200mm
 Conclusion: 650mm + 600mm + 200mm = 1450mm above the height limit

NATURAL GROUND LEVELS

| ISSUE | DATE | AMENDMENT |
|-------|------------|---------------|
| A | 04-09-2018 | DA SUBMISSION |

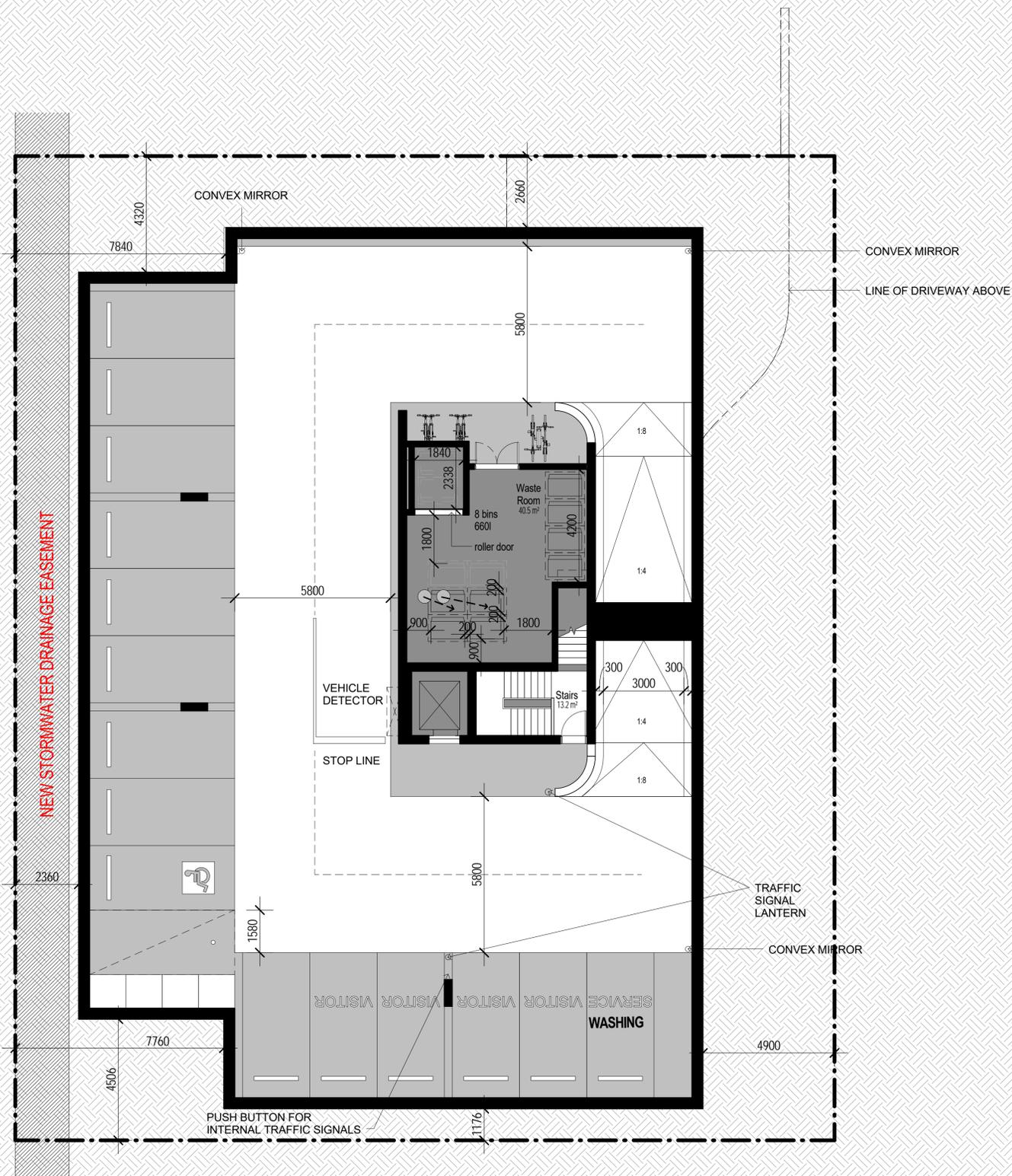


PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING
 ADDRESS
 36-38 Rodley Avenue, Penrith, NSW, 2750
 CLIENT
 Inglow Investments Two

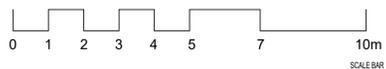


SHEET NAME
ROOF
 SHEET SIZE: A1
 SCALE: DATE
 1:100

DRAWING NUMBER
DA11
 ISSUE NO.
A



| ISSUE | DATE | AMENDMENT |
|-------|------------|---------------|
| A | 04/09/2018 | DA SUBMISSION |
| | | |
| | | |



PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING
 ADDRESS
 36-38 Rodley Avenue, Penrith, NSW, 2750

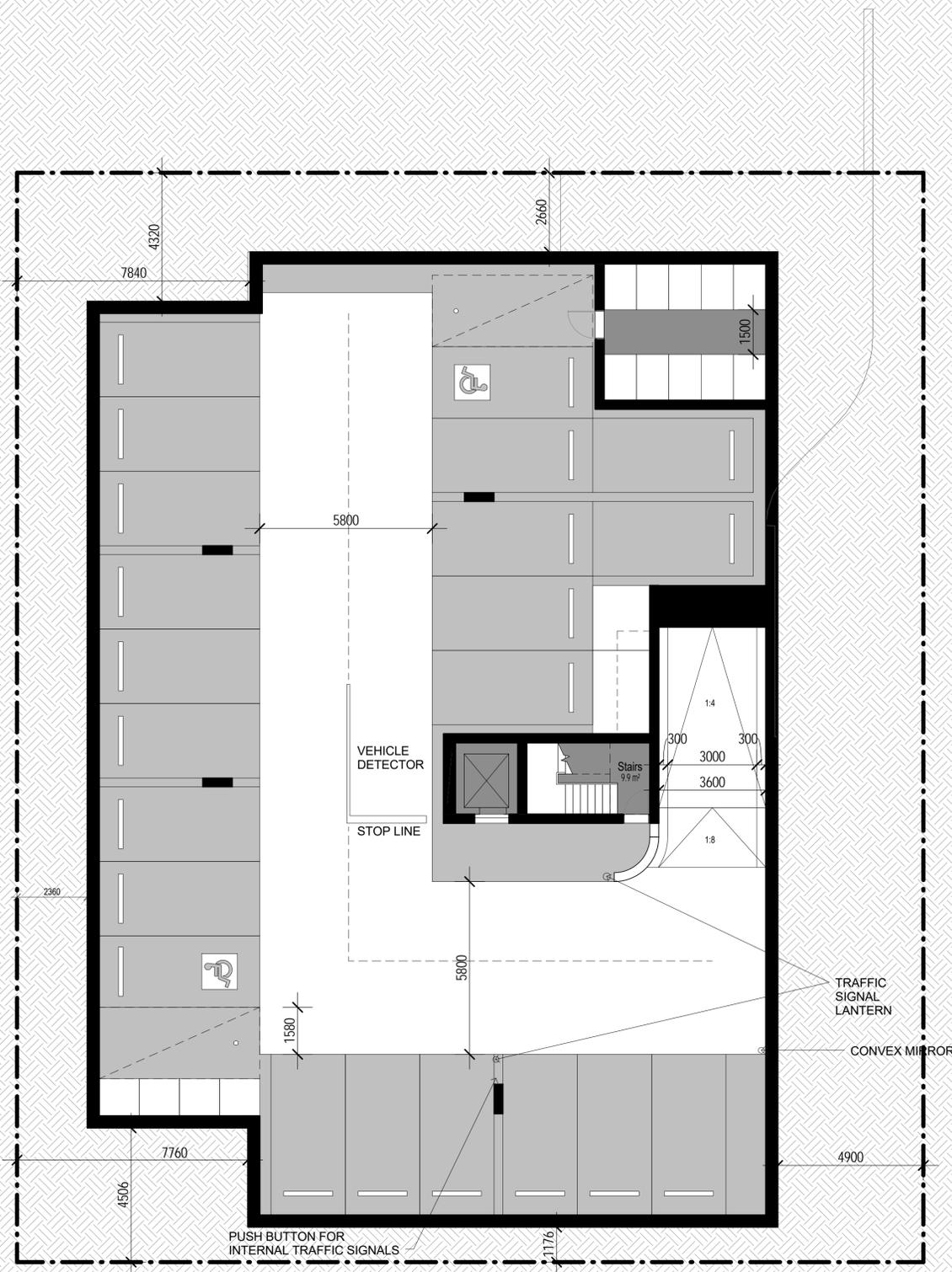
CLIENT
 Inglow Investments Two



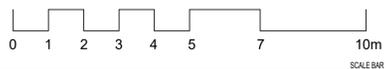
SHEET SIZE: A1
 SCALE: DATE
 1:100

SHEET NAME
BASEMENT 1

DRAWING NUMBER
DA12
 ISSUE NO.
A



| ISSUE | DATE | AMENDMENT |
|-------|------------|---------------|
| A | 04/09/2018 | DA SUBMISSION |
| | | |
| | | |



PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING
 ADDRESS
 36-38 Rodley Avenue, Penrith, NSW, 2750

CLIENT
 Inglow Investments Two



SHEET SIZE: A1
 SCALE: DATE
 1:100

SHEET NAME
BASEMENT 2

DRAWING NUMBER
DA13
 ISSUE NO.
A

THERMAL PERFORMANCE SPECIFICATIONS: (20331 – 36 Rodley Ave)

The following specifications take precedence over other plan notations for the construction of this building.

NOTE: In addition to BASIX commitments, building compliance is required to comply with the 'New South Wales Additions' in the current edition of the NCC – Vol. 1, at the time of building.

This includes New South Wales Part J(A). Specifically:

- Building thermal construction is in accordance with part J1.2
- loss of ceiling insulation is compensated for by increased roof insulation in accordance with Part J1.3(c)
- where metal frames are used that thermal breaks are installed in accordance with Part J1.3(d) and J1.5(c)
- Any roof lights, windows, doors and exhaust fans are sealed in accordance Part J3
- Any new air-conditioning system is installed in accordance with Parts J5.2(a), J5.2(b), J5.2(c), J5.2(d), J5.2(f) & J5.2(g)
- Any new mechanical ventilation system is installed in accordance with Part J5.3
- Any new miscellaneous exhaust system is installed in accordance with Part J5.4
- Any new heated water system is installed in accordance Part J7.2
- Energy monitoring equipment is installed in accordance Part J8.3

WINDOWS (total product specification – glass + frame)

U-value 6.70 (or less than) & SHGC 0.70 (+/-5%) (Default: Plain Glass in AL frame)

EXTERNAL WALL (Medium colour)

Brick Veneer – R2.5 – 90mm thick Bulk insulation with reflective airgap

INTERNAL WALL

Cavity Panel/Concrete – No Insulation

Partition walls – No thermal insulation required

EXTERNAL FLOOR

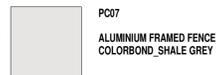
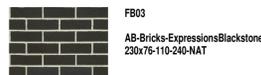
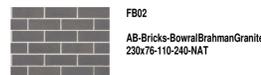
Concrete Slab on Ground – No insulation

Suspended Concrete (above Basement areas) – R1.3 Bulk insulation

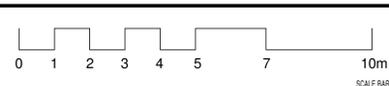
EXTERNAL CEILING/ROOF (Medium colour)

Concrete / Plasterboard – R1.3 bulk insulation (where roofspace or balcony above)

RATED either with NO DOWNLIGHTS or with LED downlights which do not penetrate ceiling insulation (ie: IC rated)



| ISSUE | DATE | AMENDMENT |
|-------|------------|---------------|
| A | 04-09-2018 | DA SUBMISSION |



PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING

ADDRESS
36-38 Rodley Avenue, Penrith, NSW, 2750

CLIENT
Inglow Investments Two



NOMINATED ARCHITECTS - P F MORSON
REGISTRATION NUMBER 8105
AC20138-480-026-486-411-188-480-026
www.morsongroup.com.au
020 9900 8996
PO Box 170, Parkes NSW 1330

SHEET SIZE: A1
SCALE: DATE
As Indicated

SHEET NAME

ELEVATION NORTH

DRAWING NUMBER
DA14

ISSUE NO.
A

THERMAL PERFORMANCE SPECIFICATIONS: (20331 – 36 Rodley Ave)

The following specifications take precedence over other plan notations for the construction of this building.

NOTE: In addition to BASIX commitments, building compliance is required to comply with the 'New South Wales Additions' in the current edition of the NCC – Vol. 1, at the time of building.

This includes New South Wales Part J(A). Specifically:

- Building thermal construction is in accordance with part J1.2
- loss of ceiling insulation is compensated for by increased roof insulation in accordance with Part J1.3(c)
- where metal frames are used that thermal breaks are installed in accordance with Part J1.3(d) and J1.5(c)
- Any roof lights, windows, doors and exhaust fans are sealed in accordance Part J3
- Any new air-conditioning system is installed in accordance with Parts J5.2(a), J5.2(b), J5.2(c), J5.2(d), J5.2(f) & J5.2(g)
- Any new mechanical ventilation system is installed in accordance with Part J5.3
- Any new miscellaneous exhaust system is installed in accordance with Part J5.4
- Any new heated water system is installed in accordance Part J7.2
- Energy monitoring equipment is installed in accordance Part J8.3

WINDOWS (total product specification – glass + frame)

U-value 6.70 (or less than) & SHGC 0.70 (+/-5%) (Default: Plain Glass in AL frame)

EXTERNAL WALL (Medium colour)

Brick Veneer – R2.5 – 90mm thick Bulk insulation with reflective airgap

INTERNAL WALL

Cavity Panel/Concrete – No Insulation

Partition walls – No thermal insulation required

EXTERNAL FLOOR

Concrete Slab on Ground – No insulation

Suspended Concrete (above Basement areas) – R1.3 Bulk insulation

EXTERNAL CEILING/ROOF (Medium colour)

Concrete / Plasterboard – R1.3 bulk insulation (where roofspace or balcony above)

RATED either with NO DOWNLIGHTS or with LED downlights

which do not penetrate ceiling insulation (ie: IC rated)



| | | |
|------|--------------|-----------|
| 3100 | ROOF | RL 46.200 |
| 3100 | LEVEL 5 | RL 43.100 |
| 3100 | LEVEL 4 | RL 40.000 |
| 3100 | LEVEL 3 | RL 36.900 |
| 3100 | LEVEL 2 | RL 33.800 |
| 3100 | LEVEL 1 | RL 30.700 |
| 3100 | GROUND LEVEL | RL 27.600 |
| 3150 | BASEMENT 1 | RL 24.450 |
| 3040 | BASEMENT 2 | RL 21.410 |

| | | | | | | |
|--|---|--|---|--|--|---|
|  FB01 AB-Bricks-Neutral Red 230x76-110-240-NSW |  FB02 AB-Bricks-BowralBrahmanGranite 230x76-110-240-NAT |  FB03 AB-Bricks-ExpressionsBlackstone 230x76-110-240-NAT |  PT04 BALCONIES PAINTED FINISH DULUX_DOMINO |  PT05 AWNING PAINTED FINISH DULUX_FAIR BIANCA HALF |  PC06 ALUMINIUM FRAMED WINDOW & DOORS COLORBOND_MONUMENT |  PC07 ALUMINIUM FRAMED FENCE COLORBOND_SHALE GREY |
|--|---|--|---|--|--|---|

| | | | | | | | | | |
|------------|--------------------|----------------------------|--|--------------|----------------------------------|---------------------------------------|--------------------------------------|-------------------------------|-----------------------|
| ISSUE A | DATE 04-09-2018 | AMENDMENT DA SUBMISSION | PROJECT PROPOSED RESIDENTIAL FLAT BUILDING | MORSON GROUP | CLIENT Inglow Investments Two | SHEET SIZE: A1 SCALE: As indicated | SHEET NAME ELEVATION SOUTH | DRAWING NUMBER DA15 | ISSUE NO. A |
|------------|--------------------|----------------------------|--|--------------|----------------------------------|---------------------------------------|--------------------------------------|-------------------------------|-----------------------|

THERMAL PERFORMANCE SPECIFICATIONS: (20331 – 36 Rodley Ave)

The following specifications take precedence over other plan notations for the construction of this building.

NOTE: In addition to BASIX commitments, building compliance is required to comply with the 'New South Wales Additions' in the current edition of the NCC – Vol. 1, at the time of building.

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- loss of ceiling insulation is compensated for by increased roof insulation in accordance with Part J1.3(c)
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- Any new miscellaneous exhaust system is installed in accordance with Part J5.4
- Any new heated water system is installed in accordance Part J7.2
- Energy monitoring equipment is installed in accordance Part J8.3

WINDOWS (total product specification – glass + frame)

U-value 6.70 (or less than) & SHGC 0.70 (+/-5%) (Default: Plain Glass in AL frame)

EXTERNAL WALL (Medium colour)

Brick Veneer – R2.5 – 90mm thick Bulk insulation with reflective airgap

INTERNAL WALL

Cavity Panel/Concrete – No Insulation

Partition walls – No thermal insulation required

EXTERNAL FLOOR

Concrete Slab on Ground – No insulation

Suspended Concrete (above Basement areas) – R1.3 Bulk insulation

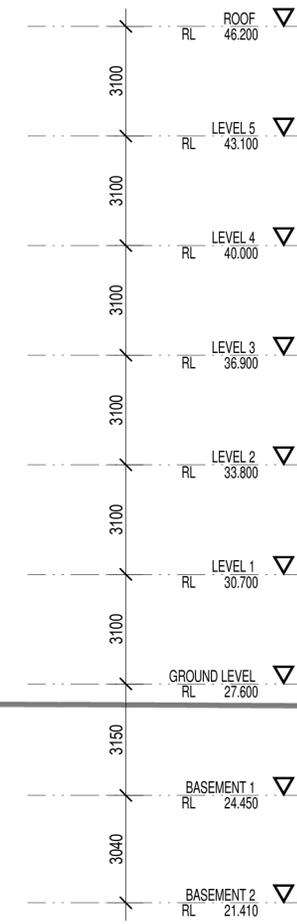
EXTERNAL CEILING/ROOF (Medium colour)

Concrete / Plasterboard – R1.3 bulk insulation (where roofspace or balcony above)

RATED either with NO DOWNLIGHTS or with LED downlights

which do not penetrate ceiling insulation (ie: IC rated)

RODLEY AVE



FB01
AB-Bricks-Neutral Red
230x76-110-240-NSW



FB02
AB-Bricks-BowralBrahmanGranite
230x76-110-240-NAT



FB03
AB-Bricks-ExpressionsBlackstone
230x76-110-240-NAT



PT04
BALCONIES PAINTED FINISH
DULUX_DOMINO



PT05
AWNING PAINTED FINISH
DULUX_FAIR_BIANCA_HALF

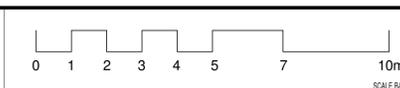


PC06
ALUMINIUM FRAMED WINDOW & DOORS
COLORBOND_MONUMENT



PC07
ALUMINIUM FRAMED FENCE
COLORBOND_SHALE GREY

| ISSUE | DATE | AMENDMENT |
|-------|------------|---------------|
| A | 04-09-2018 | DA SUBMISSION |



PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING

ADDRESS
36-38 Rodley Avenue, Penrith, NSW, 2750

CLIENT
Inglow Investments Two



NOMINATED ARCHITECTS - P F MORSON
REGISTRATION NUMBER 8105
ACD 138 480 034, ABA 41 138 480 034
www.morsongroup.com
202 900 8784
PO Box 170, Parkes NSW 1330

SHEET SIZE: A1
SCALE DATE
As Indicated

SHEET NAME
ELEVATION WEST

DRAWING NUMBER
DA16

ISSUE NO.
A

THERMAL PERFORMANCE SPECIFICATIONS: (20331 – 36 Rodley Ave)

The following specifications take precedence over other plan notations for the construction of this building.

NOTE: In addition to BASIX commitments, building compliance is required to comply with the 'New South Wales Additions' in the current edition of the NCC – Vol. 1, at the time of building.

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- Any new mechanical ventilation system is installed in accordance with Part J5.3
- Any new miscellaneous exhaust system is installed in accordance with Part J5.4
- Any new heated water system is installed in accordance Part J7.2
- Energy monitoring equipment is installed in accordance Part J8.3

WINDOWS (total product specification – glass + frame)

U-value 6.70 (or less than) & SHGC 0.70 (+/-5%) (Default: Plain Glass in AL frame)

EXTERNAL WALL (Medium colour)

Brick Veneer – R2.5 – 90mm thick Bulk insulation with reflective airgap

INTERNAL WALL

Cavity Panel/Concrete – No Insulation

Partition walls – No thermal insulation required

EXTERNAL FLOOR

Concrete Slab on Ground – No insulation

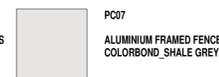
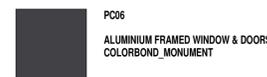
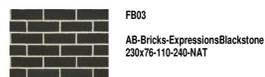
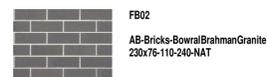
Suspended Concrete (above Basement areas) – R1.3 Bulk insulation

EXTERNAL CEILING/ROOF (Medium colour)

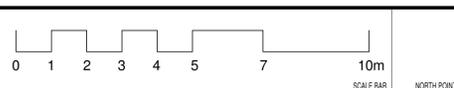
Concrete / Plasterboard – R1.3 bulk insulation (where roofspace or balcony above)

RATED either with NO DOWNLIGHTS or with LED downlights

which do not penetrate ceiling insulation (ie: IC rated)



| ISSUE | DATE | AMENDMENT |
|-------|------------|---------------|
| A | 04-09-2018 | DA SUBMISSION |



PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING

ADDRESS
36-38 Rodley Avenue, Penrith, NSW, 2750

CLIENT
Inglow Investments Two



NOMINATED ARCHITECTS - P F MORSON
REGISTRATION NUMBER #105
AC20138-480-056-486-41-188-480-056
www.morsongroup.com
2020-1900-0184
PO Box 170, Penrith, NSW 1505

SHEET SIZE: A1
SCALE: As indicated
DATE: As indicated

SHEET NAME
ELEVATION EAST

DRAWING NUMBER
DA17

ISSUE NO.
A

THERMAL PERFORMANCE SPECIFICATIONS: (20331 – 36 Rodley Ave)

The following specifications take precedence over other plan notations for the construction of this building.

NOTE: In addition to BASIX commitments, building compliance is required to comply with the 'New South Wales Additions' in the current edition of the NCC – Vol. 1, at the time of building.

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- Any new heated water system is installed in accordance Part J7.2
- Energy monitoring equipment is installed in accordance Part J8.3

WINDOWS (total product specification – glass + frame)

U-value 6.70 (or less than) & SHGC 0.70 (+/-5%) (Default: Plain Glass in AL frame)

EXTERNAL WALL (Medium colour)

Brick Veneer – R2.5 – 90mm thick Bulk insulation with reflective airgap

INTERNAL WALL

Cavity Panel/Concrete – No Insulation

Partition walls – No thermal insulation required

EXTERNAL FLOOR

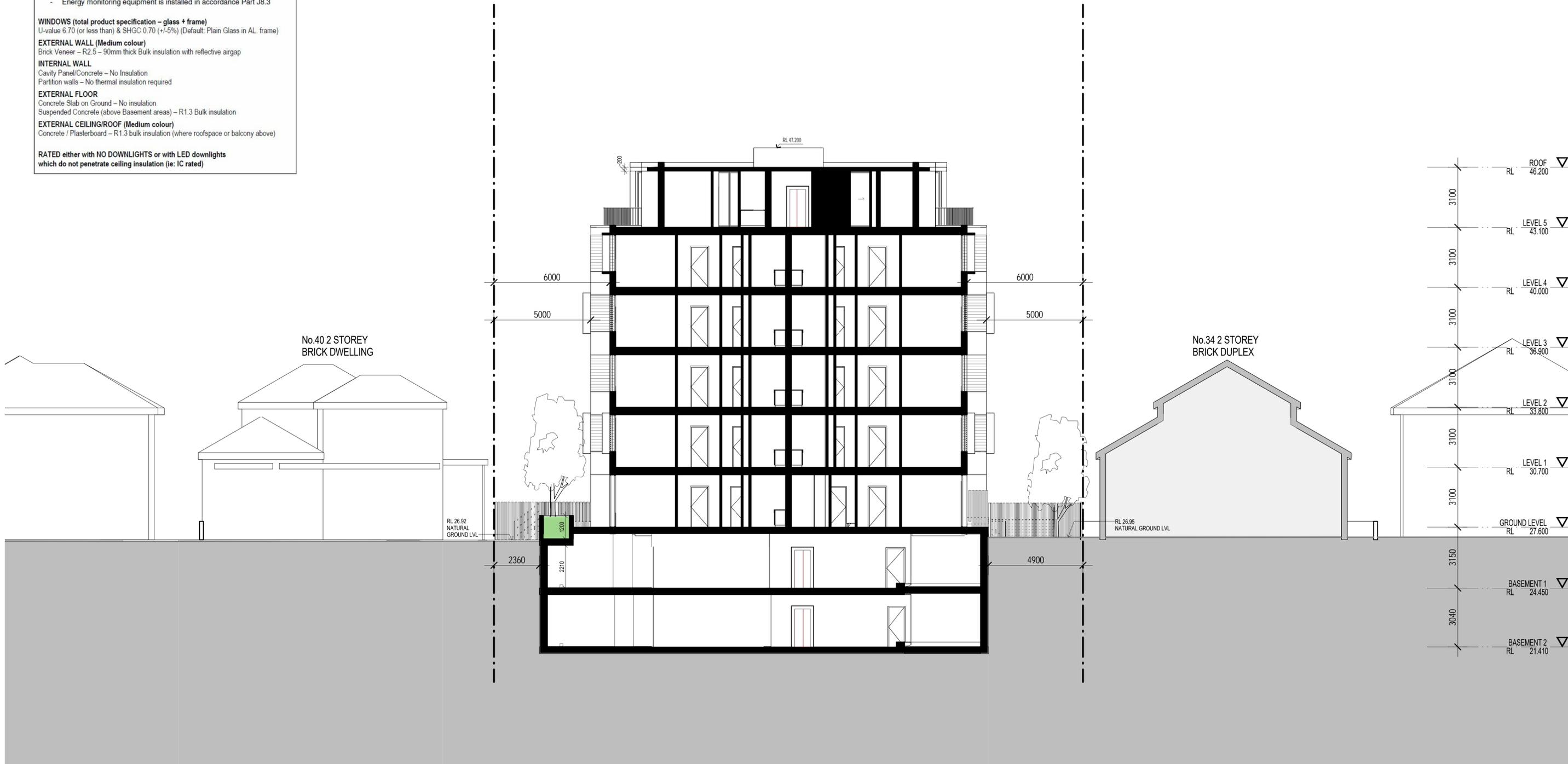
Concrete Slab on Ground – No insulation

Suspended Concrete (above Basement areas) – R1.3 Bulk insulation

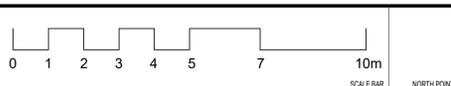
EXTERNAL CEILING/ROOF (Medium colour)

Concrete / Plasterboard – R1.3 bulk insulation (where roofspace or balcony above)

RATED either with NO DOWNLIGHTS or with LED downlights which do not penetrate ceiling insulation (ie: IC rated)



| ISSUE | DATE | AMENDMENT |
|-------|------------|---------------|
| A | 04/09/2018 | DA SUBMISSION |
| | | |
| | | |



PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING

ADDRESS
36-38 Rodley Avenue, Penrith, NSW, 2750

CLIENT
Inflow Investments Two

MORSON GROUP

NOMINATED ARCHITECT - P14 MORSON
REGISTRATION NUMBER 0103
ACD 124 181 026 484 41 199 481 034
www.morsongroup.com
023 532 4166
PO Box 170, Parkes NSW 2886

SHEET SIZE: A1
SCALE: DATE
1:100

SHEET NAME
SECTION 1

DRAWING NUMBER
DA18

ISSUE NO
A

THERMAL PERFORMANCE SPECIFICATIONS: (20331 – 36 Rodley Ave)

The following specifications take precedence over other plan notations for the construction of this building.

NOTE: In addition to BASIX commitments, building compliance is required to comply with the 'New South Wales Additions' in the current edition of the NCC – Vol. 1, at the time of building.

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- Any new mechanical ventilation system is installed in accordance with Part J5.3
- Any new miscellaneous exhaust system is installed in accordance with Part J5.4
- Any new heated water system is installed in accordance Part J7.2
- Energy monitoring equipment is installed in accordance Part J8.3

WINDOWS (total product specification – glass + frame)

U-value 6.70 (or less than) & SHGC 0.70 (+/-5%) (Default: Plain Glass in AL frame)

EXTERNAL WALL (Medium colour)

Brick Veneer – R2.5 – 90mm thick Bulk insulation with reflective airgap

INTERNAL WALL

Cavity Panel/Concrete – No Insulation

Partition walls – No thermal insulation required

EXTERNAL FLOOR

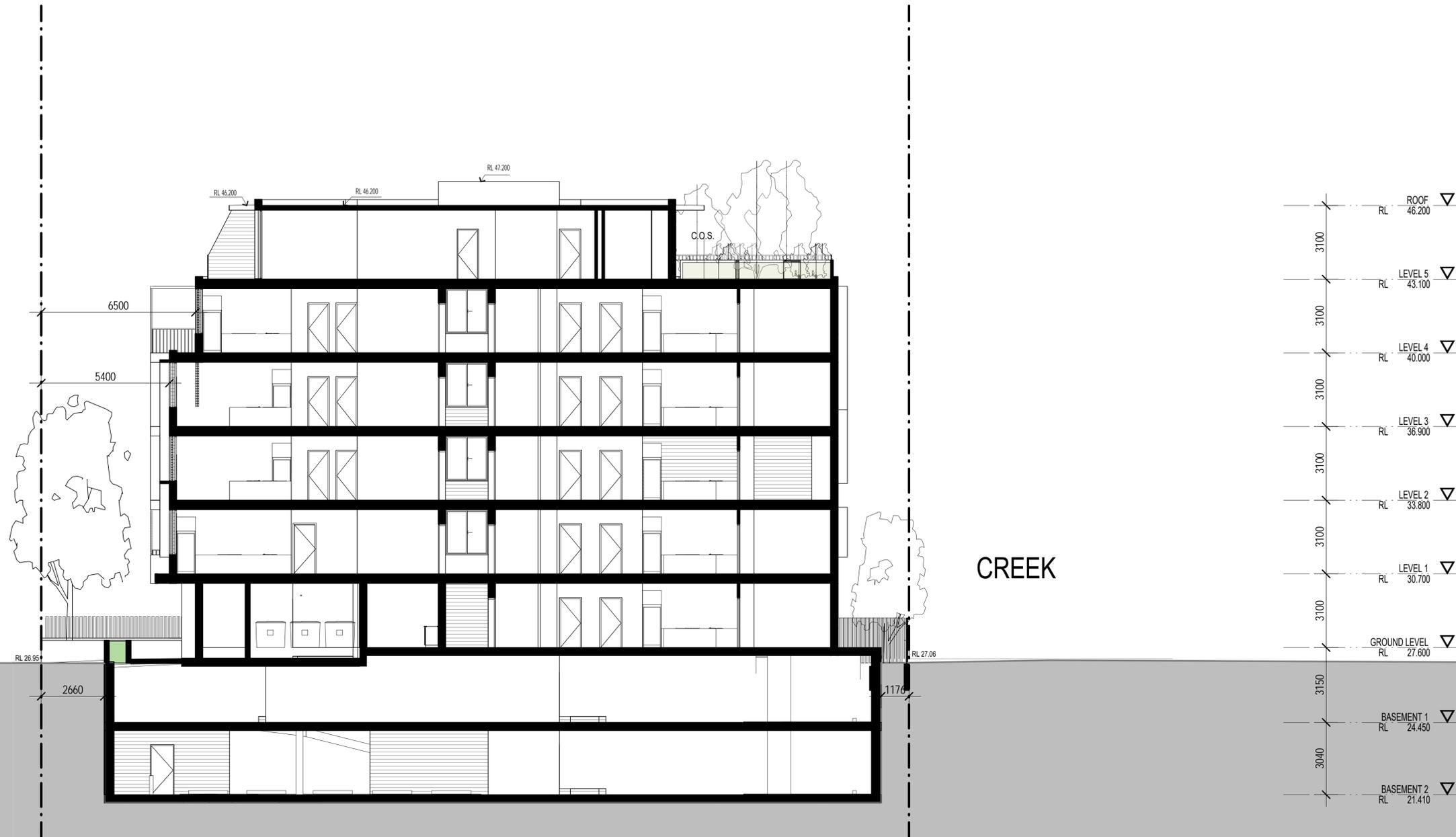
Concrete Slab on Ground – No insulation

Suspended Concrete (above Basement areas) – R1.3 Bulk insulation

EXTERNAL CEILING/ROOF (Medium colour)

Concrete / Plasterboard – R1.3 bulk insulation (where roofspace or balcony above)

RATED either with NO DOWNLIGHTS or with LED downlights which do not penetrate ceiling insulation (ie: IC rated)



| ISSUE | DATE | AMENDMENT |
|-------|------------|---------------|
| A | 04/09/2018 | DA SUBMISSION |
| | | |
| | | |



PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING

ADDRESS
36-38 Rodley Avenue, Penrith, NSW, 2750

CLIENT
Inflow Investments Two



NOMINATED ARCHITECT - P.F. MORSON
REGISTRATION NUMBER 9102
A/CN 124 880 026, ABN 61 199 480 024
www.morsongroup.com
202 932 8196
PO Box 170, Penrith North, NSW 1505

SHEET NAME **SECTION 2**

SHEET SIZE: A1
SCALE: 1:100
DATE:

DRAWING NUMBER **DA19**

ISSUE NO. **A**

THERMAL PERFORMANCE SPECIFICATIONS: (20331 – 36 Rodley Ave)

The following specifications take precedence over other plan notations for the construction of this building.

NOTE: In addition to BASIX commitments, building compliance is required to comply with the 'New South Wales Additions' in the current edition of the NCC – Vol. 1, at the time of building.

This includes New South Wales Part J(A). Specifically:

- Building thermal construction is in accordance with part J1.2
- loss of ceiling insulation is compensated for by increased roof insulation in accordance with Part J1.3(c)
- where metal frames are used that thermal breaks are installed in accordance with Part J1.3(d) and J1.5(c)
- Any roof lights, windows, doors and exhaust fans are sealed in accordance Part J3
- Any new air-conditioning system is installed in accordance with Parts J5.2(a), J5.2(b), J5.2(c), J5.2(d), J5.2(f) & J5.2(g)
- Any new mechanical ventilation system is installed in accordance with Part J5.3
- Any new miscellaneous exhaust system is installed in accordance with Part J5.4
- Any new heated water system is installed in accordance Part J7.2
- Energy monitoring equipment is installed in accordance Part J8.3

WINDOWS (total product specification – glass + frame)

U-value 6.70 (or less than) & SHGC 0.70 (+/-5%) (Default: Plain Glass in AL frame)

EXTERNAL WALL (Medium colour)

Brick Veneer – R2.5 – 90mm thick Bulk insulation with reflective airgap

INTERNAL WALL

Cavity Panel/Concrete – No Insulation

Partition walls – No thermal insulation required

EXTERNAL FLOOR

Concrete Slab on Ground – No insulation

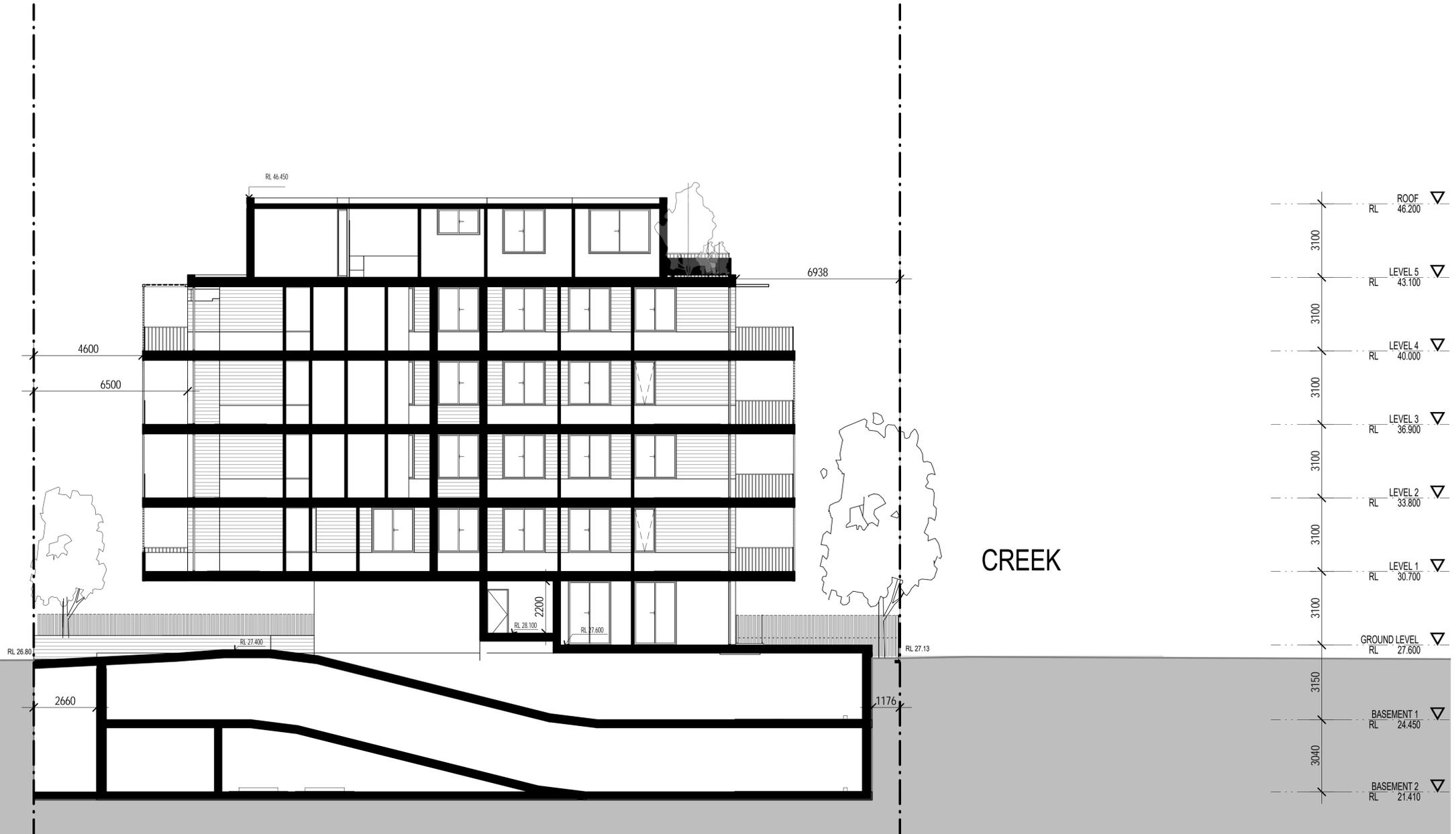
Suspended Concrete (above Basement areas) – R1.3 Bulk insulation

EXTERNAL CEILING/ROOF (Medium colour)

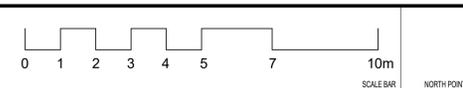
Concrete / Plasterboard – R1.3 bulk insulation (where roofspace or balcony above)

RATED either with NO DOWNLIGHTS or with LED downlights

which do not penetrate ceiling insulation (ie: IC rated)



| ISSUE | DATE | AMENDMENT |
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PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING

ADDRESS
36-38 Rodley Avenue, Penrith, NSW, 2750

CLIENT
Inflow Investments Two

MORSON GROUP

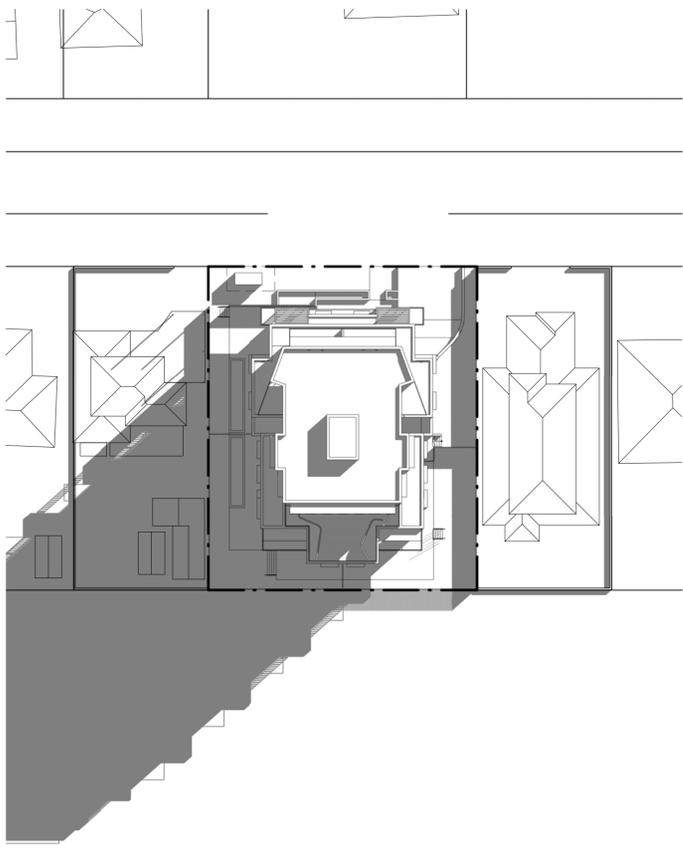
NOMINATED ARCHITECT - PJ MORSON
REGISTRATION NUMBER 9103
ACB 124 880 056, ABN 61 199 480 054
www.morsongroup.com
222 5322 8196
PO Box 170, Parkes, NSW 1330

SHEET SIZE: A1
SCALE: DATE
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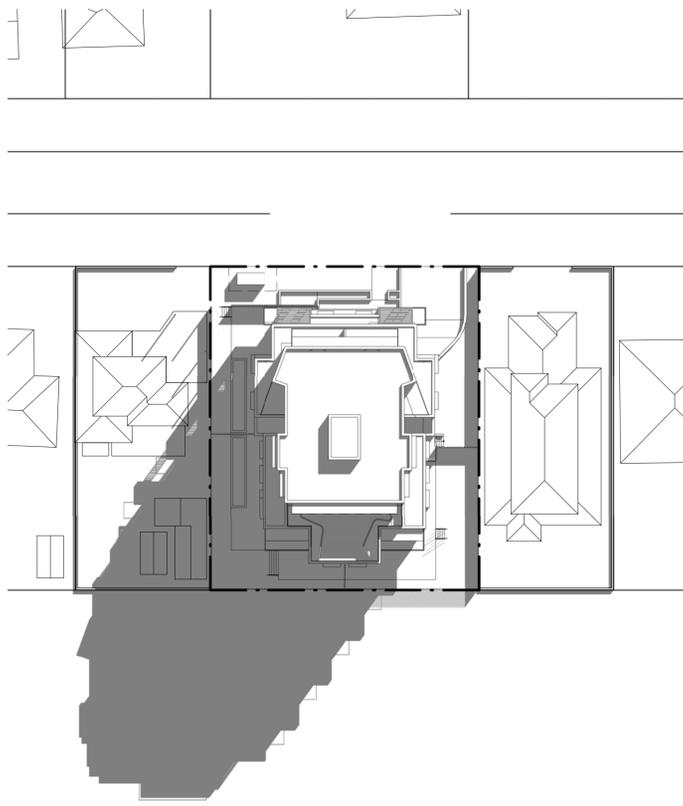
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DRAWING NUMBER **DA20**

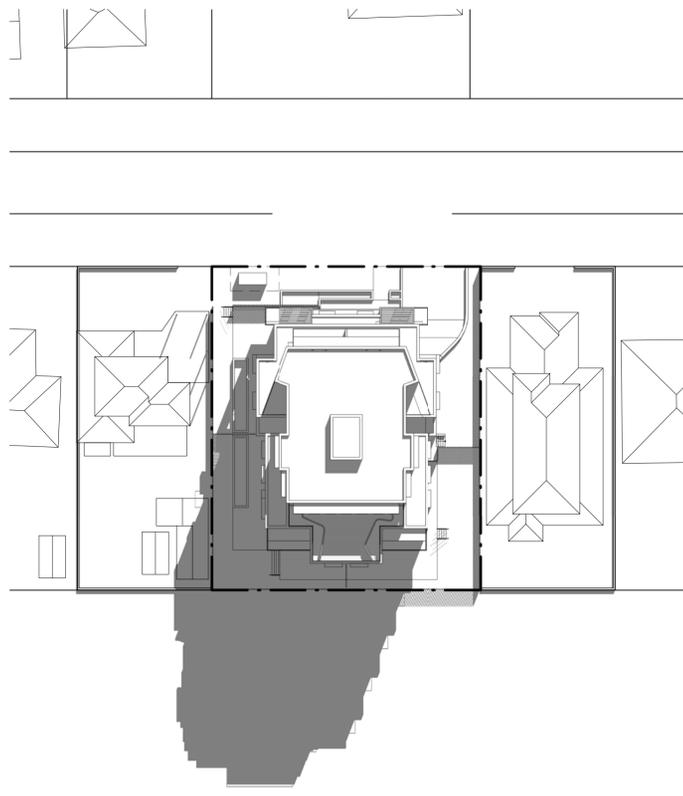
ISSUE NO **A**



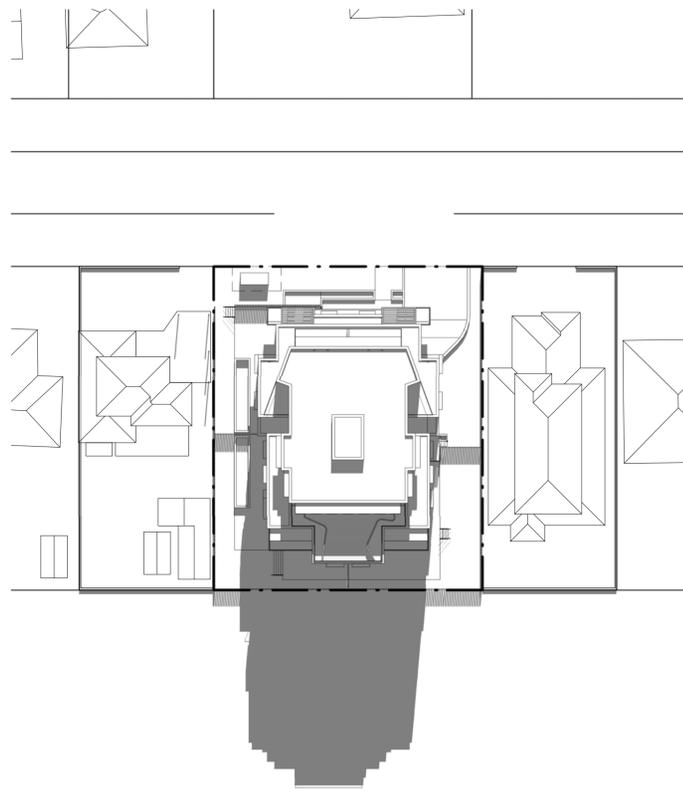
1 SHADOWS - JUNE 21st 9AM
DA14 1:400



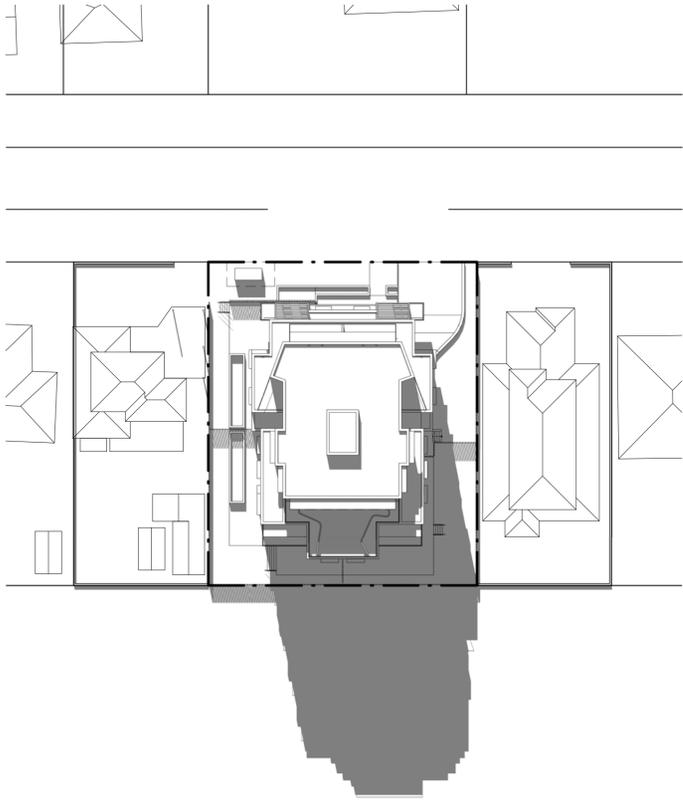
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DA14 1:400



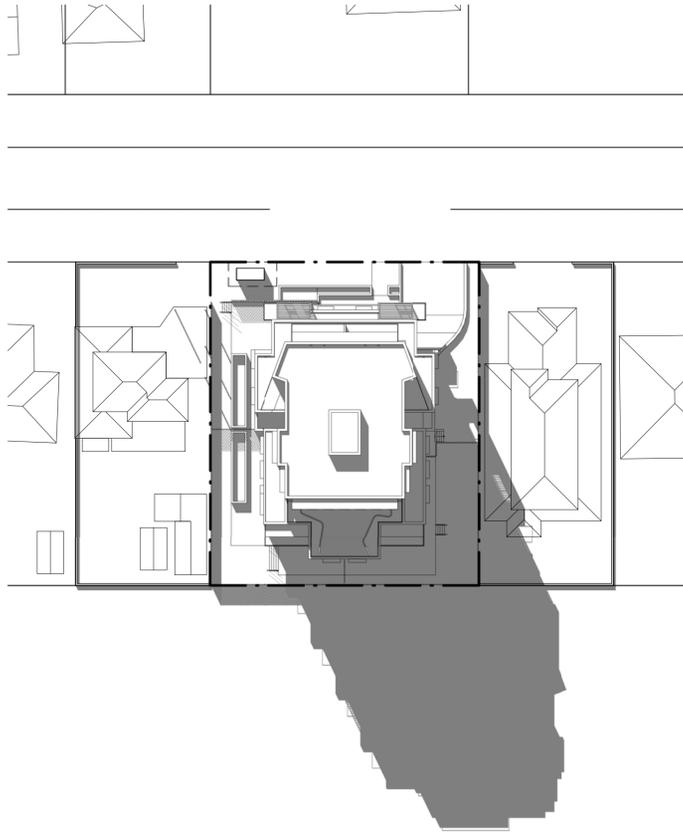
3 SHADOWS - JUNE 21st 11AM
DA14 1:400



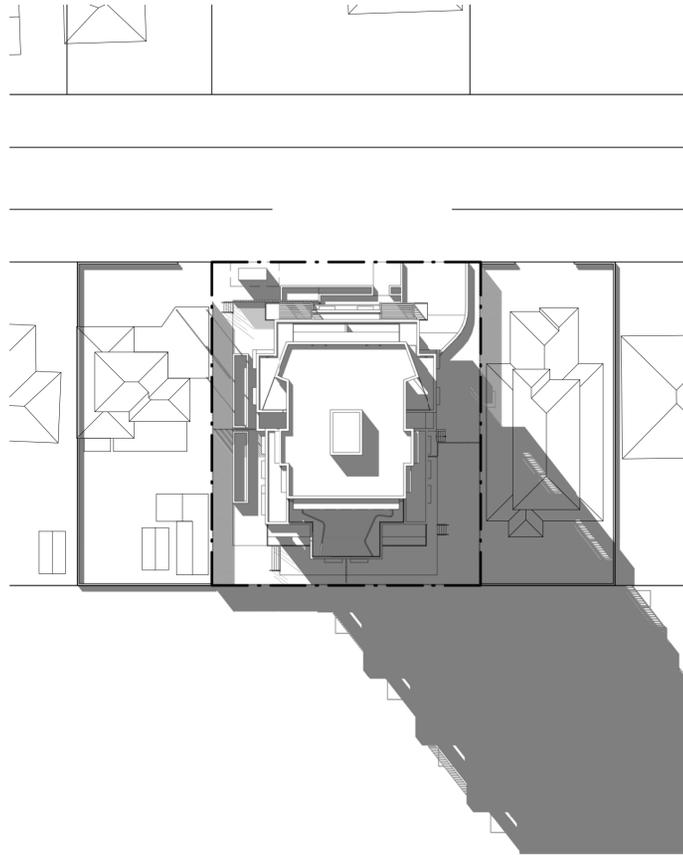
4 SHADOWS - JUNE 21st 12PM
DA14 1:400



5 SHADOWS - JUNE 21st 13PM
DA14 1:400



6 SHADOWS - JUNE 21st 14PM
DA14 1:400



7 SHADOWS - JUNE 21st 15PM
DA14 1:400

| ISSUE | DATE | AMENDMENT |
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PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING
ADDRESS
36-38 Rodley Avenue, Penrith, NSW, 2750

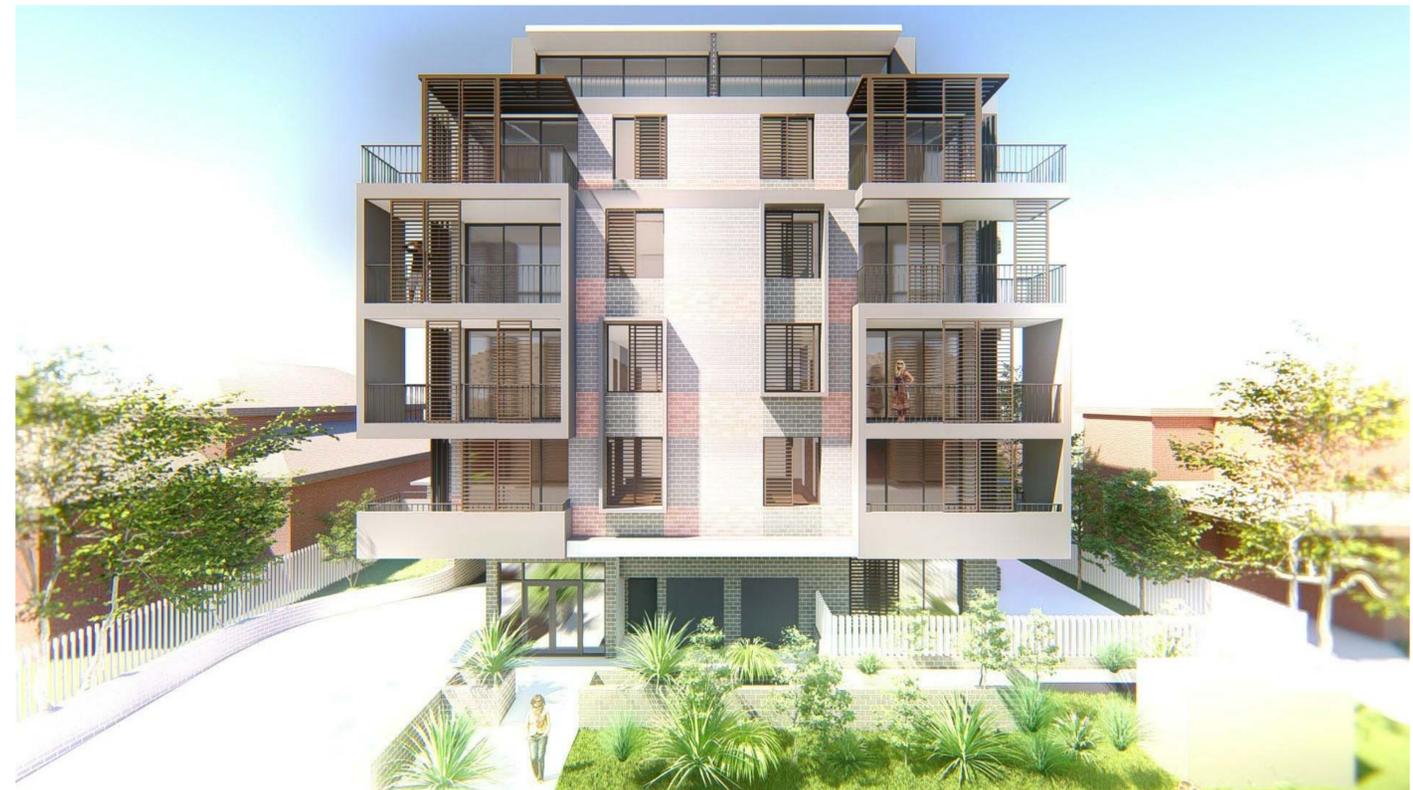
CLIENT
Inglow Investments Two

MORSON GROUP
NOMINATED ARCHITECT - P14 MORSON
REGISTRATION NUMBER 0101
AC/2015/0010/004/004/01/199/001/004
www.morsongroup.com
020 1500 0100
PO Box 170, Parkes, NSW 1330

SHEET SIZE: A1
SCALE DATE
1:400

SHEET NAME
SHADOW DIAGRAMS

DRAWING NUMBER
DA21
ISSUE NO.
A



| ISSUE | DATE | AMENDMENT |
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SCALE BAR NORTH POINT

PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING
 ADDRESS
 36-38 Rodley Avenue, Penrith, NSW, 2750

CLIENT
 Inglow Investments Two

MORSON GROUP
NOMINATED ARCHITECT - P/F MORSON
 REGISTRATION NUMBER 8100
 A/CN 124 881 026, ABN 41 199 480 054
 www.morsongroup.com
 020 530 0196
 PO Box 170, Parkes NSW 1330

SHEET SIZE: A1
 SCALE DATE

SHEET NAME
VIEWS

DRAWING NUMBER
DA22
 ISSUE NO.
A