PARRAMATTA CITY COUNCIL

ADDITIONAL INFORMATION FORM

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PART 1 - Property & A	pplicant Details			
1. Property details				The second of th
Address	unit:	house:	29 \$ 29A	
	street: <ムーマ	seu Skr	CET,	
	suburb: PARRA	postcod	e: 2150	
Application reference # e.g. DA, CC, SC, CD ,etc	/ <u>S</u> /	20<u>ງາ</u> e.g. DA/900)/2010 ·	
2. Applicant details				
Full name/company and	family name (or compa	any & ABN): 🥌 🤝	%	
contact person	full given names:	SAM		
	OR company contact p	erson:		
Postal address	29 Sed	-h Street		
	suburb: STRAT	オナバミの postcoo	le: 2135	
Contact details	home phone:	mobile:	0414 320	083
	office phone	fax:	9703 569	.
	email:		date:	
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3. Indicate document type	eral angle, carbon politica est, and established the number of the carbon services and the services of the carbon services and the services are the services are the services and the services are the services ar			and a series of the series of
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3 November 2011

General Manager Parramatta City Council PO Box 32 Parramatta NSW 2124

Attention Kate Lafferty

Dear Kate

29 and 29A Campbell Street, Parramatta

We appreciate the opportunity to meet on site and discuss first hand the various issues raised by Council. We have taken the material gathered from the site inspection and produced a further drawing package, along with this explanatory letter, to address Council's issues.

We are confident that the responses demonstrate that the development will meet Council's expectations.

1. Solar Access

There is additional detailed information on the package regarding solar access to the building and adjacent properties. The information includes a detailed table of the solar access performance of all units in the proposed development. The tables demonstrate that 65.7% of dwellings will achieve the required solar access, with a number of units achieving well above that (between 4 and 6 hours).

The outcome is that the development achieves the objectives of the "rule of thumb" in the Residential Flat Design Code. The minor variation to the 70% guideline is offset by the large number of units that achieve 1.15 hours and the provision of a large outdoor communal area on the roof of the building. Whilst the number achieving two hours is 3.7% below the rule of thumb, the remaining units perform well despite there being no expectation that they achieve close to the two hours.

The diagrams also indicate that the proposed building overshadows the western neighbour by as little as half an hour in the morning, being well off the site by 10am. Equally, the eastern neighbour's balcony (facing this development) receives approximately 2 hours 15 minutes of solar access between 10:15am and 12:30pm. The developments also achieve solar access outside these times, but the diagrams verify that the proposed development of the subject site is a reasonable development outcome.

2. Calculations Plan

The additional drawing package has provided detailed calculations for the various relevant controls. This includes calculations on gross floor areas as well as a number of calculations around the solar access issues.

3. Floor Ceiling

These heights have been confirmed as achieving the required 2.7 metres.

4. Alignment Plan

This has been supplied to Council under separate cover.

5. Building Separation

The amended drawing set provides additional information relating to the building to building separation (see sheet 05.38). As a point of clarification, we note that the "building", in terms of enclosing walls, achieves the 6 metre setback requirement for the site. It is the provision of balconies that come within 5.4 metres of the boundary. As a result, the issue relating to the 5.4 metre setback is more of a privacy issue rather than light and ventilation issues that centre on the building setbacks.

The additional material includes details of the location and nature of adjoining buildings. They verify that there is only one balcony on the eastern neighbouring building which may be affected. The balcony is offset from the proposed balcony on the subject site and therefore there is not a direct line of sight into that space. As the balcony is offset, the proposed balcony will exceed the 6 metre setback to the boundary, along the line of sight.

Equally, the building to the west has a balcony opposite the proposed building but that balcony has a small, non-trafficable area, facing the subject site. The principle area of use is on the northern elevation and protected from line of sight by a recessed section of the building. There are no other balconies opposite the development site, the remainder being towards the rear of the development site.

The remaining parts of the building that are opposite balconies are primarily bathroom or bedrooms. These rooms are generally accepted has having less visual privacy concerns given the ability, and likelihood, that they will use their own curtain/blinds etc to maintain privacy. This privacy is supplemented by the proposed landscape solution. The rooms in question are within a three storey building and readily screened by modest tree planting (which are proposed within the setback).

The planter box arrangement down the western setback has also been altered to facilitate trees reaching a greater mature height. This has been done by joining previous separate planter boxes and therefore allowing greater plant penetration to deep soil.

6. Dwelling Mix

The mix has been adjusted to better meet the objectives of the unit mix criteria. The provision of 8.6% of both one (1) bedroom and three (3) bedroom units is a minor variation to the guide of 10% for these two categories. The shortfall represents one (1) one bedroom unit and one three (3) bedroom unit. It is not expected, in the context of the overall development outcomes of Parramatta, that this will have an impact on the social fabric of Parramatta.

7. Removal of Street Trees

We note Councils subsequent acceptance that street tree removal is inevitable but that replacement landscaping has been considered. The amended landscape plan makes provision for replacement trees.

8. Natural Ventilation

Cross ventilation is achieved in a high number of apartments. The additional drawing set includes diagrams demonstrating how this is achieved.

9. Street Activation

We consider that the entrance is well located. The development has provided a substantial 7 metre landscaped setback which provide will a better quality outcome for the public domain and streetscape. This is considered of greater long term benefit than the provision of three separate entrances as these would erode the landscaping and yet and not contribute greatly to the street activation.

The three entrances are well defined when a pedestrian arrives at the opening to the building. There is a clear visual demarcation between the three entrances, and most importantly, to the residential entrance.

10. Communal Open Space

Adjustments have been made to the rooftop garden solutions. These adjustments reflect overcoming the concerns raised regarding the design solution for landscaping and the use of space on the rooftop.

We trust his has satisfactorily addressed the concerns raised by Council.

Yours sincerely

Willana Associates Pty Ltd

Read farching

Stuart Harding

Director

DESIGN VERIFICATION STATEMENT

For a Residential Development at

29-29A Cambell Street Parramatta

Prepared by Adriaan Winton Architect Registration Number 5347 Adriaan Winton Architects 7 Morse place Blaxland NSW 2774

May-2011 Rev-1:Nov-2011

Introduction:

This Design Verification Statement accompanies a Development Application for a mixed development at 29-29A Cambell street Parramatta. The development consists of 70 units made up with 6 x 1 Bed, 58 x 2 Bed, 6 x 3 bed units plus 168 sqm retail/commercial space and 74 parking spaces.

This statement verifies that Adriaan Winton directed the design of the project and that the proposed development adheres to the design principles set out in Part 2 of State Environmental Policy No 65- "Design Quality of Residential Flat Development" and certifies that the proposed building satisfies those principals.

Principle 1: Context

SEPP 65: Good design responds and contributes to its context. Context can be defined as the key natural and built features of an area. Responding to context involves identifying the desirable elements of a location's current character, or, in the case of precincts undergoing a transition, the desired future character as stated in planning and design policies. New buildings will thereby contribute to the quality and identity of the area.

Comment: The existing character of the precinct is a combined commercial/retail and residential. The precinct is zoned which allows for the type of development proposed.

The proposed building is a "Big House" type residential building of 8 storeys plus ground floor retail/commercial and basement parking.

The proposed building use complies with the desired character statement that buildings are to be primarily residential. The scale of building and type of use are compatible with the proposed redevelopment of the precinct and recognizes and complies with requirements of Parramatta City Centre LEP 2007 and DCP 200

Principle 2: Scale

SEPP 65: Good design provides an appropriate scale in terms of the bulk and height that suits the scale of the street and the surrounding buildings.

Establishing an appropriate scale requires a considered response to the scale of existing development. In precincts undergoing transition proposed bulk and height needs to achieve the scale identified for the desired future character of the area.

Comment: The scale of development in the precinct is comprised of buildings of variable height in stories. The site is located with 500m from the Parramatta rail and bus interchange and the principal shopping precinct of Parramatta

The proposed development responds and conforms to the height and building form established in its precinct and would allow for future developments on adjoining sites to achieve their full potential

Principle 3: Built Form

SEPP 65: Good design achieves an appropriate built form for a site and the buildings purpose, in terms of building alignments, proportions, building type and the manipulation of building elements. Appropriate built form defines the public domain, contributes to the character of streetscapes and parks, including their views and vistas, and provides internal amenity and outlook.

Comment: The proposed building height is consistent with the heights established in the precinct and is permitted to be built on this site. It responds well to established built fabric of the area. The building is well within the DCP setbacks required.

The building may be termed a "Big house" type, and relates to the existing built form in the area due to its roof design, recessed bays, eaves design, fenestration, materials, texture and colour. The building addresses the street with a major façade which is aligned with the form of the street. The built form of the development relates to other built form existing in the precinct. The overall affect is to create a building that presents a very effective and architectural building within the street scape.

Principle 4: Density

SEPP 65: Good design has a density appropriate to its site and its context, in terms of floor space yields (or numbers of units or residents). Appropriate densities are sustainable and are consistent with the existing density in an area or, in precincts undergoing a transition, are consistent with the stated desired future density. Sustainable densities respond to the regional context, availability of infrastructure, public transport, community facilities and environmental quality.

Comment: The precinct with in the area controlled by Parramatta City Centre LEP 2007 and is zoned B4 Mixed Use

The density of the development complies with the allowable density in the planning codes for the area. Given the location of the development in relation to the Railway/Bus interchange, the Parramatta retail/commercial precinct, community facilities and the rising demand for housing in the area, the proposed density is appropriate and consistent with the requirements as outlined in Parramatta City Centre DCP 2007

Principle 5: Resource, energy and water efficiency

SEPP 65: Good design makes efficient use of natural resources, energy and water throughout its life cycle, including construction. Sustainability is integral to the design process. Aspects include demolition of existing structures, recycling of materials, selection of appropriate and sustainable materials, adaptability and re-use of buildings, layouts and built form, passive solar design principles, efficient appliances and mechanical services, soil zones for vegetation and re-use of water.

Comment: The proposed development is consistent in the application of through flow ventilation and solar ingress to the units. There are no units which have a sole southerly aspect the units which have a southerly aspect have primary living space which face west or east. The orientation of the building and the site and the design of the units all contribute substantially to the solar passive design and energy efficiency of the development.

Although the development does not comply in achieving the recommended 70% of dwellings have a minimum of 2 hours of solar ingress the majority of then units have more than the recommended solar ingress (refer to the justification letter prepared by Willana associates planners) and in essence complies with the spirit of the RFDC.

The proposed development has been Nathers and Basix assessed and scores well in all required categories of water, thermal comfort and energy. Energy efficiency is aided by the use of water/energy efficient fittings, appliances and lighting.

Principle 6: Landscape

SEPP 65: Good design recognises that together landscape and buildings operate as an integrated and sustainable system, resulting in greater aesthetic quality and amenity for both occupants and the adjoining public domain. Landscape design builds on the sites natural and cultural features in responsible and creative ways. It enhances the developments natural environmental performance by co-ordinating water and soil management, solar access, micro-climate, tree canopy and habitat values. It contributes to the positive image and contextual fit of development through respect for streetscape and neighbourhood character, or desired future character. Landscape design should optimise useability, privacy and social opportunity, equitable access and respect for neighbours amenity, and provide for practical establishment and long term management.

Comment: As the proposed development forms part of the Residential precinct the proposed landscape areas are substantial on the northern, western and southern side of the building and creates a substantial garden.

The landscape is present on the ground floor. There is a deep soil landscape requirement of 15% or 252 sqm, the project provides 276 sqm of deep soil landscaping with a total landscape area of 542 sqm which represents 32% of the site.

Principle 7: Amenity

SEPP 65: Good design provides amenity through the physical, spatial and environmental quality of a development. Optimising amenity requires appropriate room dimensions and shapes, access to sunlight, natural ventilation, visual and acoustic privacy, storage, indoor and outdoor space, efficient layouts, and service areas, outlook and ease of access for all age groups and degrees of mobility.

Comment: Apartments is a mixture of 1, 2 and 3 bedroom apartments. Cross ventilation is achieved for all of the apartments.

67.5% apartment have the required solar access(see principle 5). Where apartments are exposed to direct western summer sun sliding louver/shading panels have bee provided

Privacy is ensured by the side setbacks to the side boundaries. The building complies with the setbacks as recommended in the SEPP 65 design code and the requirements outline in DCP. Where there are perceived direct observation potentials the design of the building tries to ensure the windows in conflict have the required offset.

Each dwelling has its own external private open space which is more than adequate.

Bathrooms/Ensuite are accessed from the hallways leading to the bedrooms. Kitchens are accessed from the primary living area.

Visual and acoustic privacy is acceptable and able bodied access is through entry lobbies at the ground floor.

Disabled access is gained to the ground floor via a pedestrian path (which complies with ASNZ 1428.1-2001) from the street. There are 5 apartments which are adaptable these are located on all levels, all units within the development are accessible via the lift. The carspaces are located in the basement carparking with in easy access the lift.

Principle 8: Safety and Security

SEPP 65: Good design optimises safety and security, both internal to the development and for the public domain. This is achieved by maximising overlooking of public and communal spaces while maintaining internal privacy, avoiding dark and non-visible areas, maximising activity on the streets, providing clear, safe access points, providing quality public spaces that cater for desired recreational uses, providing lighting appropriate to the location and desired activities, and clear definition between public and private spaces.

Comment: Public and communal spaces are overlooked on all sides by balconies, terraces and windows from primary living rooms of the project. The building addresses the public domain with glazed doors and balconies.

The communal spaces will be adequately lit and are void of areas that may be subjectable to criminal activities

The building will have save and secure access to the carpark. The lifts to the building will be security lifts providing access to residential levels

Principle 9: Social Dimensions

SEPP 65: Good design responds to the social context and needs of the local community in terms of lifestyles, affordability and access to social facilities. New developments should optimise the provision of housing to suit the social mix and needs in the neighbourhood, or, in the case of precincts undergoing transition, provide for the desired future community.

Comment: The proposed residential use is appropriate to the location of this site, as it is in close proximity to the Parramatta transport interchange, retail/commercial precinct, local clubs and community facilities such as baby health centre and community centre. The development's proximity to the railway station allows for residents that are non reliant on private cars to have easy access to public transport.

The proposed development has an appropriate mix of 1, 2 and 3 bedrooms apartments of varied size. Consideration has been given to the need to have affordable housing within the development as a result it provides a social mix which is well sited and appropriate to the area.

Principle 10: Aesthetics

SEPP 65: Quality aesthetics require the appropriate composition of building elements, textures, materials and colours and reflect the use, internal design and structure of the development. Aesthetics should respond to the environment and context, particularly to desirable elements of the existing streetscape or, in precincts undergoing transition, contribute to the desired future character of the area.

Comment: The form and composition of this design relate to existing developments in terms of its roof type, modulation of facade, fenestration, materials, texture and colour.

The use of detail and texture and the high degree of articulation in the façade composition has the result of creating an interesting and high quality building which sits well in the precinct and compliments the existing streetscape.

Conclusion

This proposed development provides a complimentary and interesting addition to the Parramatta retail/commercial Precinct, its built form, height, scale and density comply with DCP controls and are compatible with the adjoining residential flat buildings. Its landscape design includes substantial deep soil planting of large trees and low scale planting. The development is well suited to its site and its location.

Adriaan Winton Architect Registration Number **5347**

Adriaan Winton Architects Pty Ltd

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Calculations:

Site Details

Lot DP Site Area

Max FSR Max Area

Ground Floor (Including Commercial)

Level 8 Total

Total Area FSR

3.5:1 5897.5m²

1685m²

DP 306043

& DP 711586

Lot 1

512m² 130m² 655x(7)m² 655m²

5882m² 3,49 1

Onsite Parking

Typical Carspace 63 Accessible Carspace Commercial Carspace Loading Bay Car Wash Bicycle Motorcycle

Deep Soil

Minimum Deep Soil Minimum Area Proposed Deep Soil Area

Total Car Spaces

Proposed Landscape Area

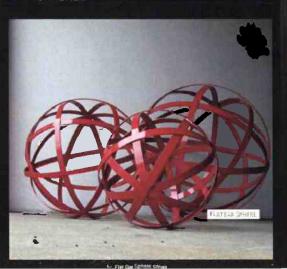
15% 252.75m² 276m2 / 16.4%

542m2 / 32.2%

74

Proposed Public Art Feature

SPHERES



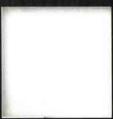


Material Schedule:

Render - Red Heart T08 50-4



Face Brick - PGH Crevole Brick

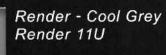


Render - White Matt Flnish

Alucobond to be Grey finish with white Seperation fills



Face Brick - PGH Aluminium Brick



Unit Breakdown Table

Unit Breakdown Unit Type Unit Area P.O.S Cross Vent Solar Access Complies (Y/N) (2hrs to Comply) 73m2 2 Bed 2 Bed 77m² 1 15 hours Unit 02 10m YAS Limit 03 81m² 81m² 4700 HI HIS ISSUED Unit 04 2 Ded 10m2 4 hours 77/12 2 Bed # hours 7.0m² 10m * hours 2 Bed Yes 73m² 10m Yes 2 Bed Unit O 2 Red 77m² 10m I Init 08 Yes

6 hours 1.15 hours Unit 09 2 Bed 77m² 10m Yes 1.15 hours 81m² 10m 1.15 hours Unit 10 Yes Unit 11 2 Bed 81m² 10m2 Yes 4 hours 77m² 10m2 4 hours Unit 12 2 Bed Yes 2 Red $77m^{2}$ 10m Yes 4 hours Unit 13 Unit 14 2 Red 72m2 11m Yes 6 hours Unit 15 Unit 16 6 hours 770 Yes 2 800 77m2 Unit 17 Yes Level 81m2 10m² Yes Ursi 18 2 Bed 81m² 77m² Una 19 Bed Yes # hours 4 hours Z Bed 77m² Yes 4 hours 72m² 2 Bed 6 hours 2 Bed 73m 10m Yes 6 hours 2 Red 77m² 10m Unit 24 Yes 1.15 hours Unit 25 2 Bed 77m² 10m Yes 1 15 hours Level Unit 26 2 Bed 81m² 10m Yes 1.15 hours 81m² 4 hours Unit 27 2 Bed Yes Unit 28 2 Bed 77m² 10m Yes 4 hours 77m² 4 hours Unit 29 2 Bed 10m Yes Unit 30 2 Bed 72m² 11m Yes 6 hours Unit 2 Bed 73m² 10m Yes 6 hours 77m² UM 32 10m2 Yes 2 Bed 77m2 tom Yes Level 2 Bed 8100 10m Yes 2 Bed 81m² 1000 Yes w/4 hours 35 2 Bed $77m^2$ 1 36 Yes 4 nours Om nit 37 2 Bed 77m² Yes 4 hours 72112 11.12 Nes! 6 hours 2 Bed Unit 40 2 Bed 77m² Yes 1.15 hours 5 77m² 10m 1.15 hours Unit 41 2 Bed Yes Level 81m² 10m Unit 42 2 Red Yes 1 15 hours 81m² Unit 43 2 Bed 10m Yes 4 hours Unit 44 2 Bed 77m² 10m Yes 4 hours 77m² 10m Unit 45 2 Bed Yes 4 hours Unit 46 2 Bed 72m² Yes 6 hours 52m One Unit 47 1 Bed Yes 6 hours 97m3 3 Bert Yes Level 6 777002 2 Bed 1.50 2 Bed 8 m2 Yes 2 Bed m Yes 4 hours 2 Bed 77 11 Yes. 4 hours 3 Bed 4 hours m, Yes 1 Red Yes 6 hours 1 Bed Yes 6 hours Unit 56 3 Bed Yes 1.15 hours Unit 57 2 Bed Yes 1 15 hours Level Unit 58 2 Bed 81m² Yes 1.15 hours Unit 59 2 Bed 81m² Yes 4 hours 2 Red Yes 4 hours Unit 60 Unit 61 3 Bed Yes 4 hours 1 Bed Yes 6 hours Unit 63 6 hours 10m 3 860 Yes Unit 64 97m 6 hours 72 m² 81m² 6 hours Unit 68 10m Yes 2 Bed Onr 6 hours Unit 66 2 Bed Yes Unit 67 2 Bed 81m² 10m Yes 6 hours 77m2 10m2 6 Hours 3 Bed 97m² 10m Yes Unit 69 6 hours Yes Unit 70 6 hours

olar Access	70% (49) Units to con	mply with Solar Access	65.7% (46)
nit Breakdown	Requirements	1 Bedroom x 6	8.6%

Unit Breakdown Requirements Min 10% 1 Bed Min 10% 3 Bed

1 Bedroom x 6 2 Bedroom x 58 3 Bedroom x 6

Natural Ventilation Min Requirements 60% Provided 100%

Schedule of Basix Commitments

(1) COMMITMENTS FOR UNIT BUILDING (29 & 29A Campbell Street, Parramatta)

(i) DWELLINGS

(b) The applicant must plant indigenous or low water use species of vegetation throughout the area of land specified for the dwelling in the "Indigenous species" column of the table below, as private landscaping for that dwelling

(This area of indigenous vegetation is to be contained within the "Area of garden and lawn" for the dwelling specified in the "Description of project" table)

(e) The applicant must not install a private swimming pool or spa for the dwelling, with a volume exceeding that specified for it in the table below.

(g) The pool or spa must be located as specified in the table

(h) The applicant must install, for the dwelling, each alternative water supply system, with the specified size, listed for that dwelling in the table below. Each system must be configured to collect run-off from the areas specified (excluding any area which supplies any other alternative water supply system), and to divert overflow as specified. Each system must be connected as specified.

(b) The applicant must install each hot water system specified for the dwelling in the table below, so that the dwelling's hot water is supplied by that system. If the table specifies a central hot water system for the dwelling, then the applicant must connect that central system to the dwelling, so that the dwelling's hot water is supplied by that central system.

(f) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Natural lighting" column of the table below (but only to the extent specified for that room or area). The applicant must ensure such room or area is fitted with a window and/or skylight.

THERMAL COMFORT

- (g) Where there is an in-slab heating or cooling system, the applicant must
- Install insulation with an R-value of not less than 1.0 around the vertical edges of the perimeter of the slab; or
- On a suspended floor, install insulation with an R-value of not less than 1.0 underneath the slab and around the vertical edges of the perimeter of the slab.
- (h) The applicant must construct the floors and walls of the development in accordance with the specifications listed in the

(B) COMMON AREAS AND CENTRAL SYSTEM / FACILITIES

(b) The applicant must install (or ensure that the development is serviced by) the alternative water supply system(s) specified in the "Central Systems" column of the table below. In each case, the system must be sized, be configured, and be

(c) A swimming pool or spa listed in the table must not have a volume (in kLs) greater than that specified for the pool or spa in the table

(c) The applicant must install the systems and fixtures specifed in the "Central Systems" column of the table below. In each case, the system or fixture must be of the type, and meet the specifications, listed in the table

(4) COMMITMENTS FOR COMMON AREAS AND CENTRAL SYSTEMS/FACILITIES FOR THE DEVELOPMENT (NON-**BUILDING SPECIFIC)**

WATER

(b) The applicant must install (or ensure that the development is serviced by) the alternative water supply system(s) specified in the "Central Systems" column of the table below. In each case, the system must be sized, be configured, and be connected as specified in the table

(c) A swimming pool or spa listed in the table must not have a volume (in kLs) greater than that specified for the pool or spa in the table.

(c) The applicant must install the systems and fixtures specifed in the "Central Systems" column of the table below, in each case, the system or fixture must be of the type, and meet the specifications, listed in the table,

Acoustic Recommendations

· Windows and doors on the faade of the living areas, sleeping areas, and commercial spaces of the development will need to be closed to meet internal noise levels during noisy periods. In some instances, alternative methods which meet the required ventilation needs for "comfort ventilation" can be met. This would be required to enable openings in the external facade (i.e.windows and doors) to remain fully closed during exceeding periods. The ventilation requirements of the BCA should be satisfied and design input should be sought from an appropriately qualified mechanical consultant

· A minimum Rw rating of 32 dB is required for all windows and glazed doors of sleeping and habitable areas.

 A minimum Rw rating of 30 dB is required for all remaining windows and glazed doors on facades of non-habitable (bathrooms, hallways, etc) areas

· A minimum Rw rating of 32 dB is required for windows and externally exposed glazed doors of the commercial premises on the

 Glazing and door sound insulation capabilities are recommended on the basis of qualityworkmanship whereby windows and doors are installed with tight acoustic seals (e.g. Q-LON seals and Raven seals).

· Certification of sound insulation ratings from window suppliers are recommended with selection. Below is a guide only for applicable designs that may achieve the required sound insulation rating

Rating Required Guideline Design

Rw 32 Single Glazing System - 6.38 mm laminated glass.

Rw 30 Single Glazing System - 6 mm float glass.

· Selection of mechanical ventilation plant equipment should favour low noise units . Where possible, installation of the plant equipment and outlets should be installed as far away as possible from residential receivers. Installing the units whereby the line of sight is impeded by the building envelope will effectively incorporate the building as

an acoustical barrier against received plant noise emissions. · Acoustic barriers/enclosures should also be installed where required.

· A two metre high barrier is required along the eastern boundary of the site. The barrier may be a timber 'lapped and capped' wood paling fence, "Colorbond" aluminium fence, or of masonry construction. It is prudent that the fence must be of solid construction and

ABSA Specification

Construction Insulation

Floors

Concrete

Assessor # 60822 Certificate # 31337557 Issued: 11-Aug-11

Thermal Performance Specifications

These are the Specifications upon which the Certified Assessment is based If details included in these Specifications vary from other drawings or written specifications, these Specifications shall take precedence, If only one specification option is detailed for a building element, that specification must apply to all instances of that element for the project. If alternate specifications are detailed for a building element, the location and extent of alternate specifications must be detailed below and / or clearly indicated on referenced documents

Windows	Product ID	Glass	Frame	U value	SHGC	Area M ²	Detail	
		Single clear	Improved Aluminium	5.91	0.73		As per plans	
		Double Glazed clear	Improved Aluminium	3.61	0.66		Unit 63	
Skylights	Product ID	Glass	Frame	U value	SHGC	Area M ²	Detail	

Window and skylight U and SHGC values, if specified, are according to NFRC. Alternate products or specifications may be used if their U value is lower,

External walls Co	nstruction	Insulation	Colour - solar abs.	Detail
Cavity Brick		None	Medium - SA 0.475 - 0.7	As per plans
Cavity Brick		Air Cell Foil bubble wrap, Antiglare one side	- Medium - SA 0.475 - 0 7	Unit 1,3,4,66,67
Concrete Block 150		None	Medium - SA 0.475 - 0.7	Party walls
Concrete Block 200		None	Medium - SA 0.475 - 0.7	Hallways & Stair walls
Internal walls Co	nstruction	Insulation	Detail	
Single Skin Brick		None	As per plans	

Ceilings,	Construction	Insulation	Detail	
Concrete		Air Cell Foil bubble wrap, Antiglare one side	Unit 63	
Concrete		None	As per plans	

Ceramic Tiles & Carpet As per plans

Roof	Construction	Insulation	Colour – solar abs.	Detail	
Concrete		None	Medium - SA 0 475 - 0.7	As per plans	
Window cover	Internal (curta	inel	Evternal (awning	is shutters etc)	

Window cover	Internal (curtains)	External (awnings, shutters, etc)	
Holland Blinds		*	

1 ixed Silading	Laves (Widat - Mic. gallers, Int above windows)	Verandaria, i ergoras (type, description)	
Overshadowing	Overshadowing structures	Overshadowing trees	

Fixed chading Force (width ine system his shows windows) Verendehn Percelos (type description)

Orientation of nomi	nal north: 206	Living area open to entry	Νo		Ventilated skylights:	No
Terrain category:	Suburban	Doors separate living areas	No	Di-	Open fire, unflued gas heat:	No
Roof ventilation:	Unventilated	Stair open to heated areas:	No		Vented downlights:	No
Cross ventilation:	Standard	Seals to windows and doors:	Yes		Wall and ceiling vents	No
Subfloor	Open/Enclosed	Exhaust fans without dampers	No			





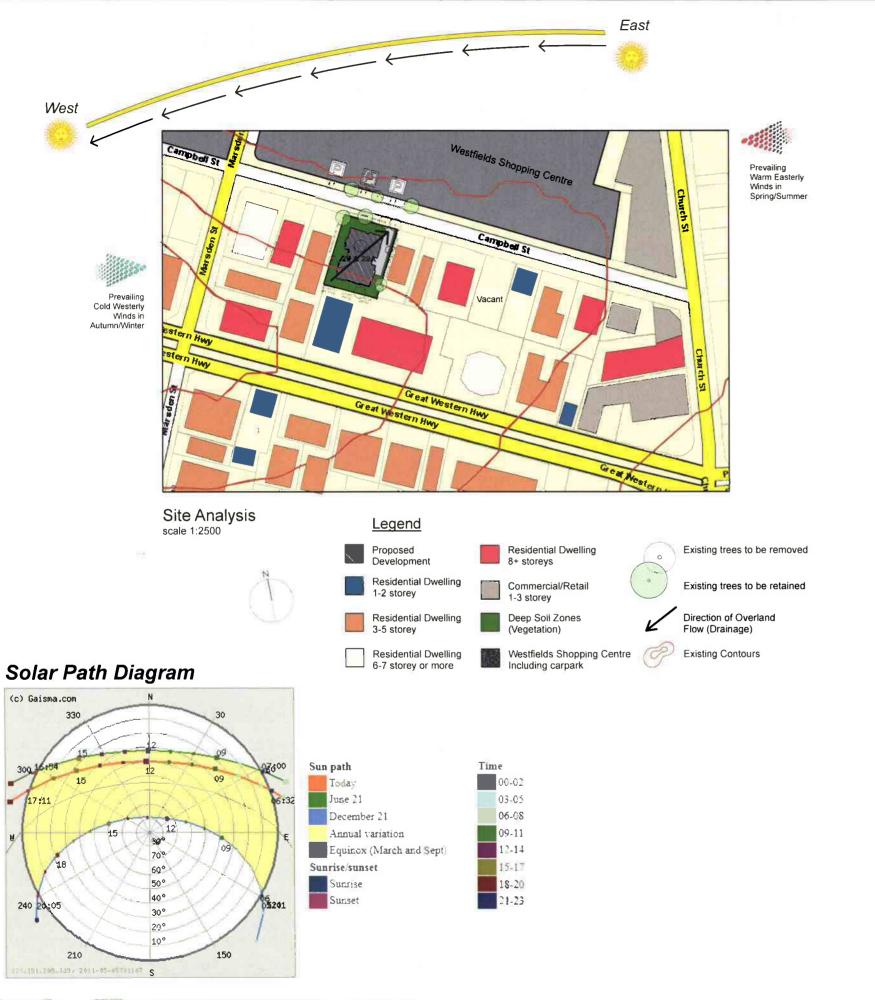
S

ALL TOILET FLUSHING SYSTEMS MINIMUM 4 STAR RATING
ALL SHOWERHEADS, KITCHEN TAPS, BATHROOM TAPS
& TAPS IN COMMON AREAS MINIMUM 3 STAR RATING ALL SHOWERITEMEN, NITOPIEN INFO, BAIFFACH INFO & TAPS IN COMMON AREAS MINIMUM 3 STAR RATING GAS INSTANTANEOUS 3 STAR HOT WATER SYCTEM 1 PHASE ARE CONDITIONING, 1 STAR (COOLING & HEXTING) GAS COOKTOP & ELECTRIC OVEN.

29 & 29A Campbell Str High Rise Development 70 Units over 2 Levels Unit Breakdown / Basix Com

82 8%

8.6%







Birds eye view of proposed delevelopment and surroundings

S Schools

Rail Line

(Parramatta Station)

Revised Architectural Plans as per Councils letter dated 20.09 2011 JRPP meeting on 29/09/2011 and Urban Design comments

S. Atalah Parramatta Council

Saade Construction 05/08/2011 DA 27743 1:2500

THE OWNER / BUILDER MUST READ ALL PLANS IN CONJUNCTION WITH THE ABSA & BASIX REPORT (APPLIES TO ALL DWEL ALL TOILET FLUSHING SYSTEMS MINIMUM 4 STAR RATING ALL SHOWERHEADS KITCHEN TAPS BATHROOM TAPS GAS INSTANTANEOUS (3 STAR) HOT WATER SYSTEM, 1 PHASE AIR CONDITIONING, 1 STAR (COOLING & HEATING), GAS COOKTOP & ELECTRIC OVEN

DOUBLE GLAZED WINDOWS TO UNIT 63 ONLY,
- AIR CELL FOIL BUBBLE WRAP. ANTIGLARE ONE SIDE TO CAVITY BRIC
WALLS TO UNITS 1, 3, 4 68 & 67 ONLY.
- AIR CELL FOIL BUBBLE WRAP, ANTIGLARE ONE SIDE TO CEILING OF

UNIT 63 ONLY WEATHER SEALS TO ALL EXTERNAL WINDOWS AND DOORS

29 & 29A Campbell Stree High Rise Development 70 Units over 2 Levels of Site Analysis

Library / Parramatta Council

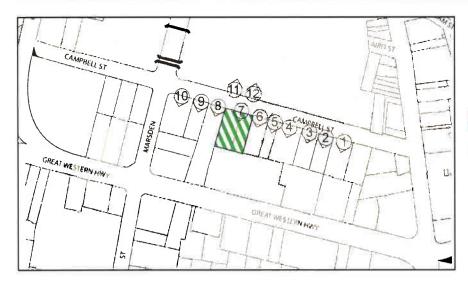


Figure Ground and Photo Location (cont'd on next page) scale nts









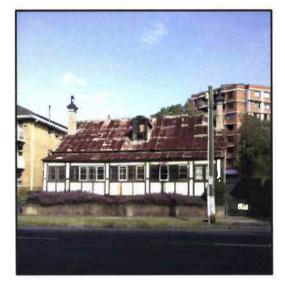
(11) Westfield Shoppingtown elevation opposite subject site



(12) Westfield Shoppingtown elevation opposite subject site



(1) 3 Storey RFB at 41 Campbell Street



(2) 1 Storey Building at 39 Campbell Street



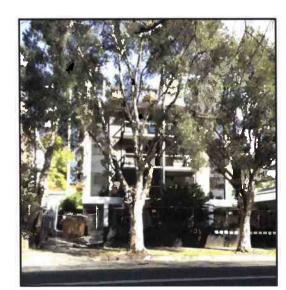
(3) Vacant Block



(4) 8 Storey and greater RFBs at 35 Campbell Street



(5) Recently renovated RFB at 33 Campbell Street



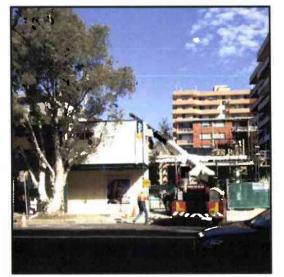
(6) Recently renovated RFB at 31 Campbell St (adjoining property)



(7) Campbell Street frontage of subject site (29 & 29A Campbell Street)



(8) 4 Storey RFB at 27 Campbell St (adjoining property)



(9) Under construction 9 Storey RFB at 25 Campbell Street



(10) 7 Storey RFB at 23 Campbell Street

04/11/2011 Revised Architectural Plans as per Councils letter dated 26,09/2011 JRPP meeting on 29/09/2011 and Urban Design comments



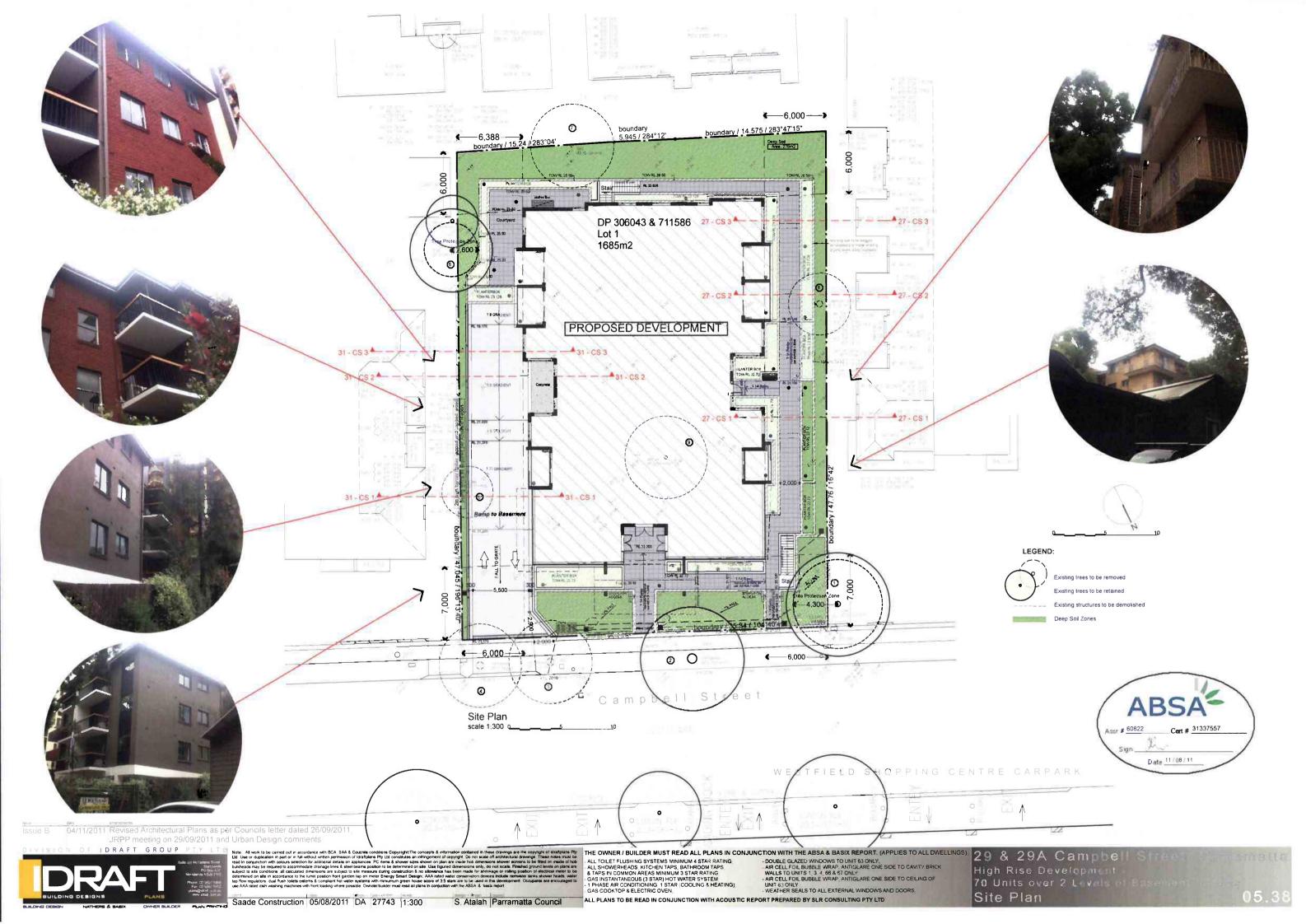
HE OWNER / BUILDER MUST READ ALL PLANS IN CONJUNCTION WITH THE ABSA & BASIX REPORT. (APPLIES TO ALL DWELLING

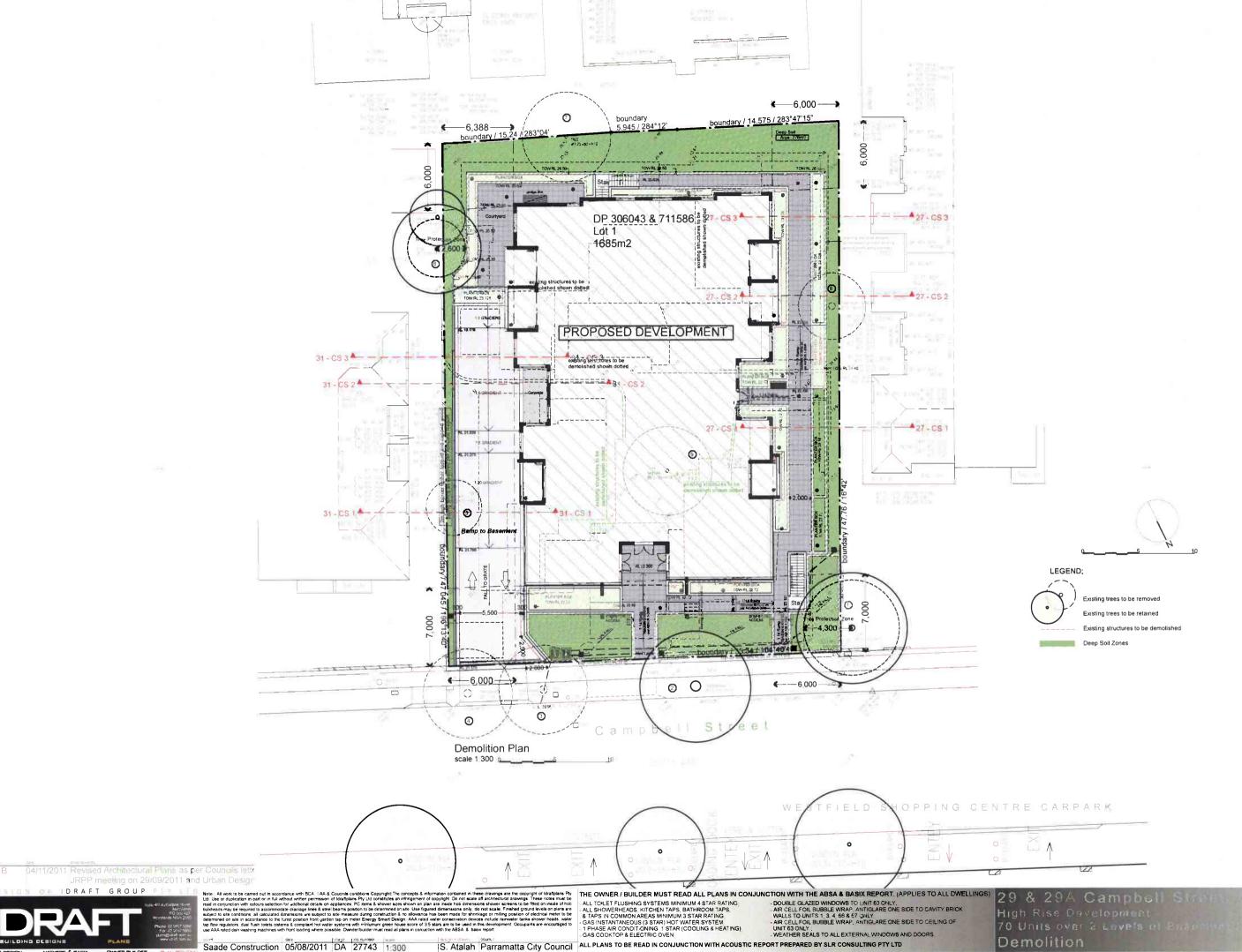
ALL TOILET FLUSHING SYSTEMS MINIMUM 4 STAR RATING ALL SOLET FLUSHING SYSTEMS MINIMUM 4 STAR RATING ALL SHOWER-EADS KITCHEN TAPS BATHROOM TAPS, & TAPS IN COMMON AREAS MINIMUM 3 STAR RATING GAS INSTANTANEOUS 3 STAR) HOT WATER SYSTEM.

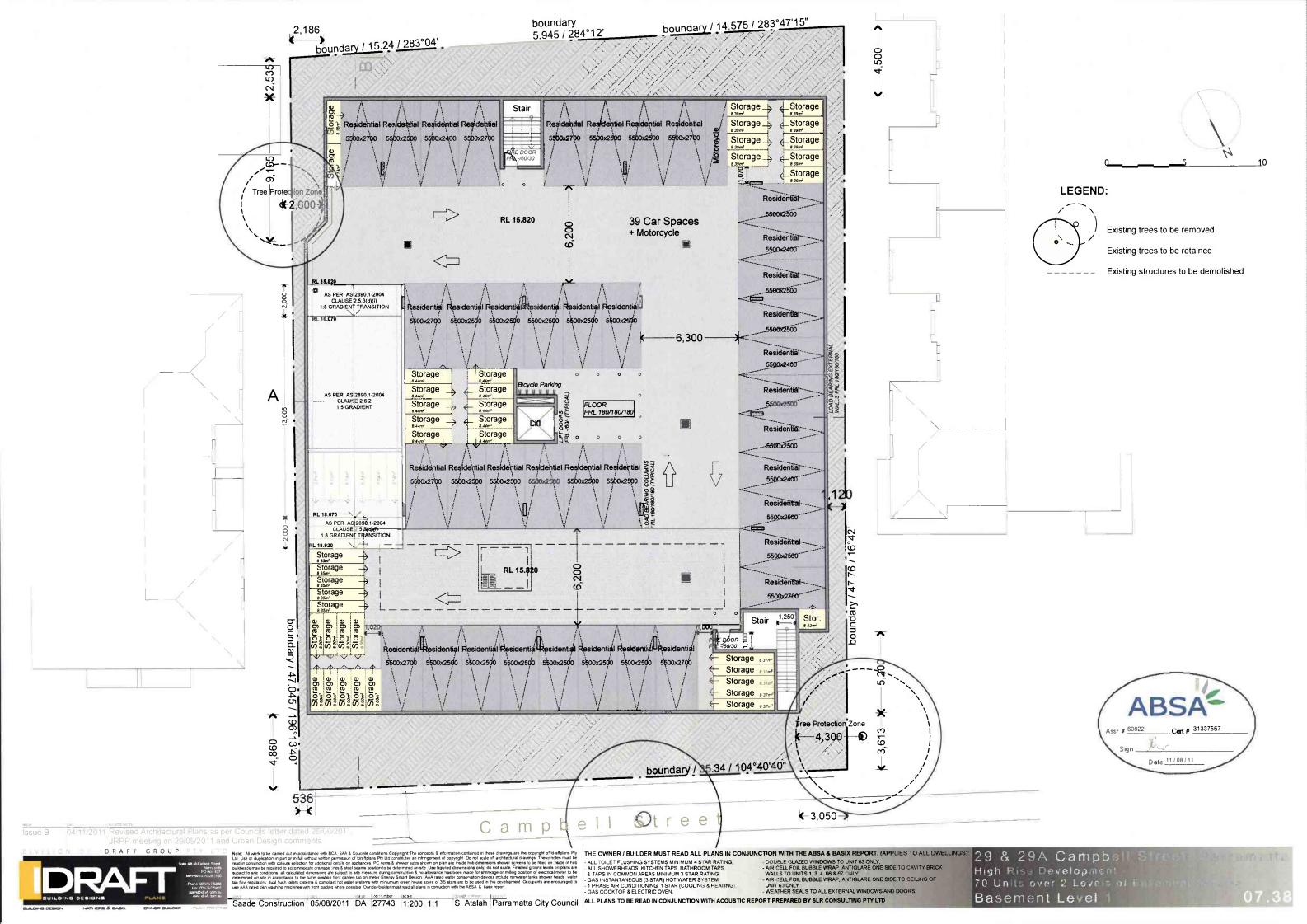
1 PHASE AIR CONDITIONING 1 STAR (COOLING & HEATING)
GAS COOKTOP & ELECTRIC OVEN.

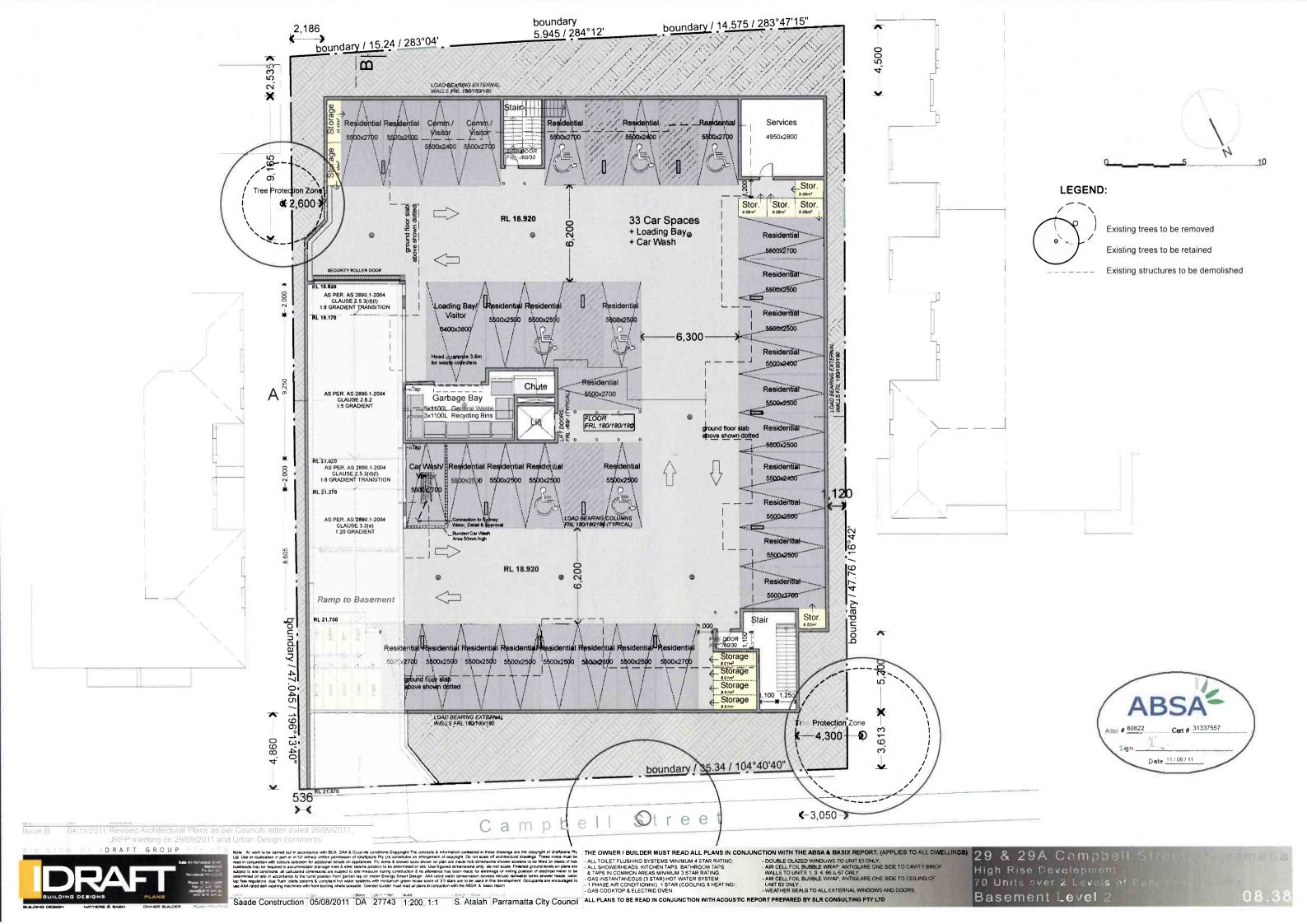
ALL PLANS TO BE READ IN CONJUNCTION WITH ACOUSTIC REPORT PREPARED BY SER CONSULTING PTY LTD

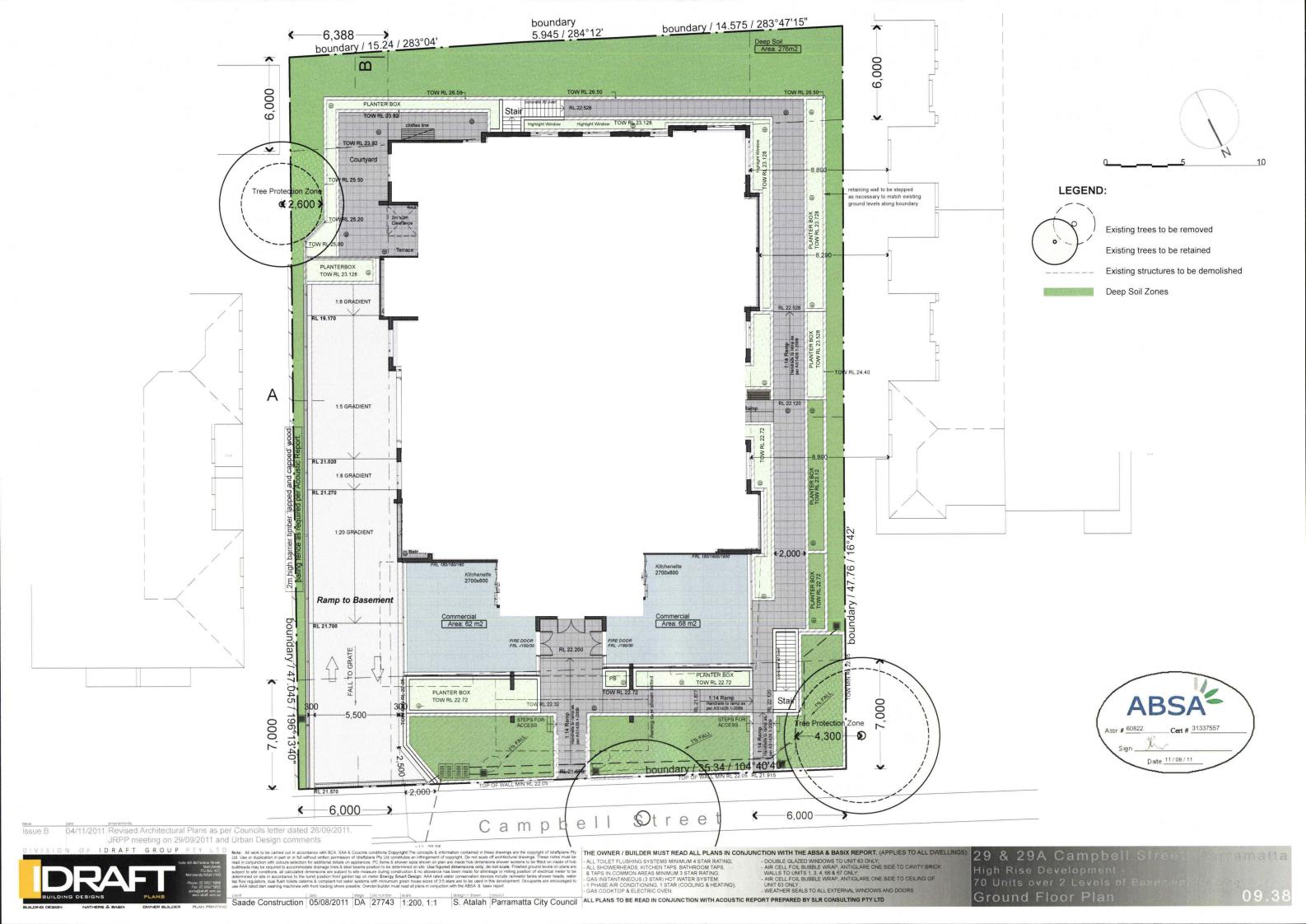
29 & 29A Campbell Sire High Rise Development 70 Units over 2 Levels of Site Analysis (Photos)

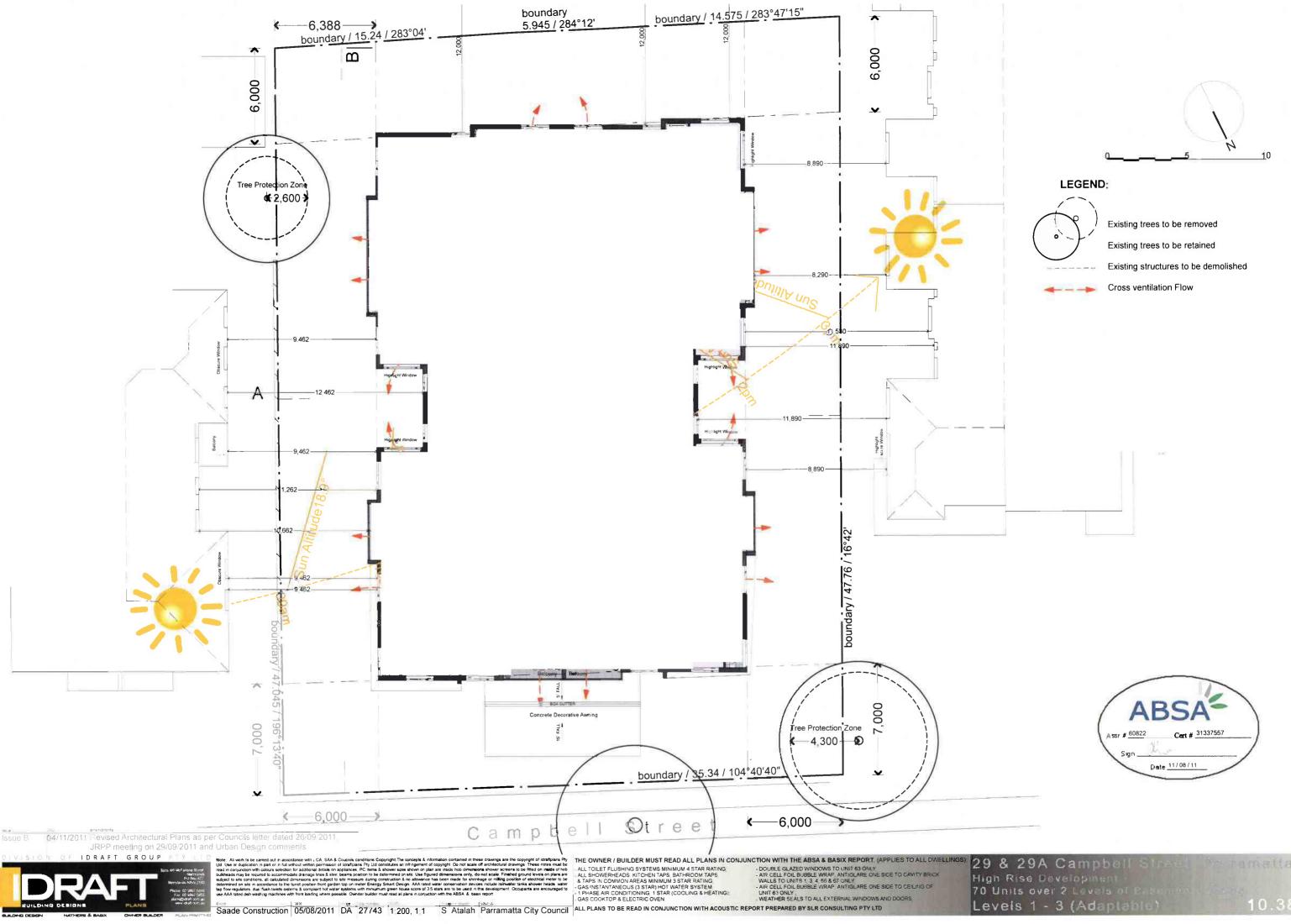




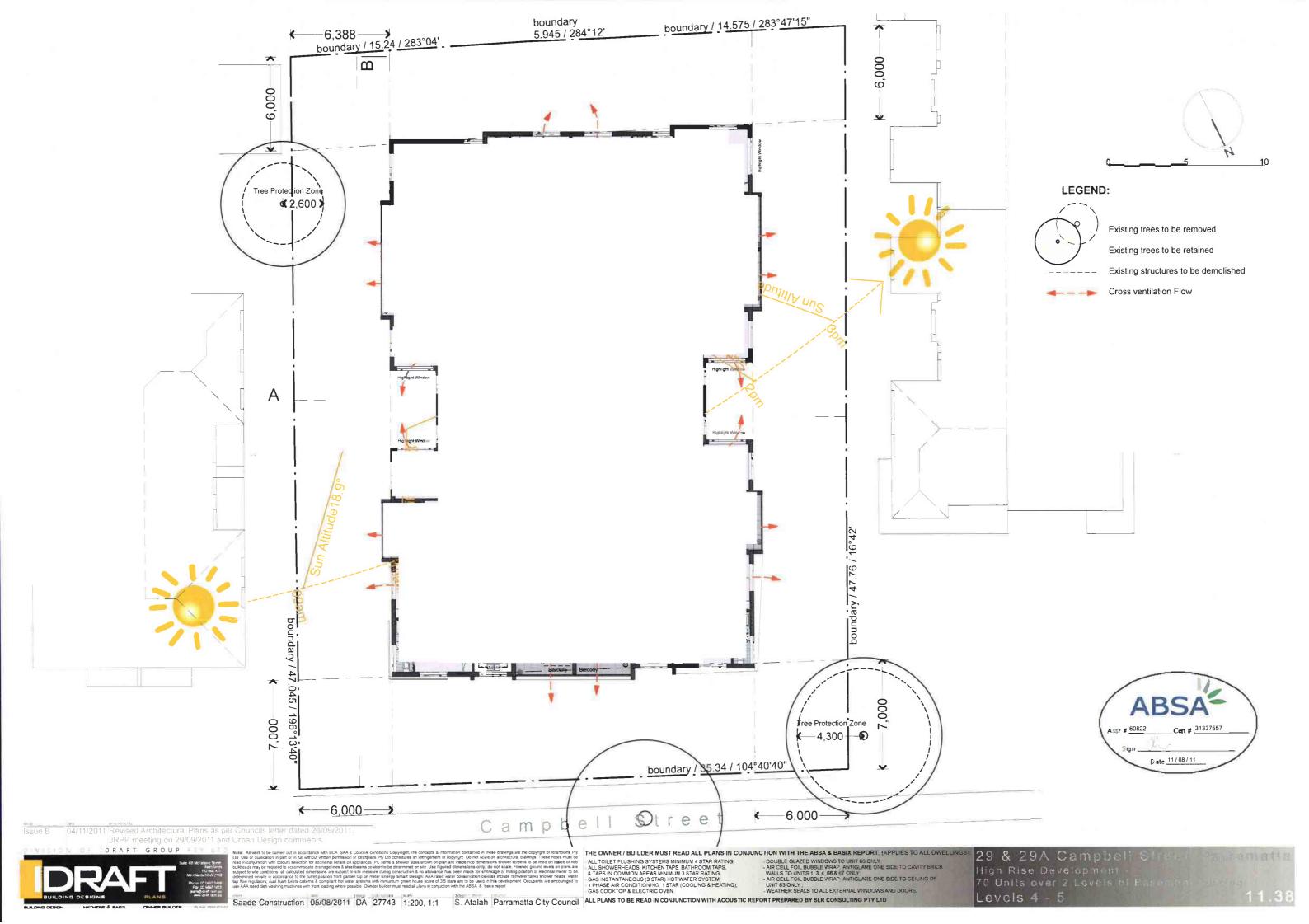


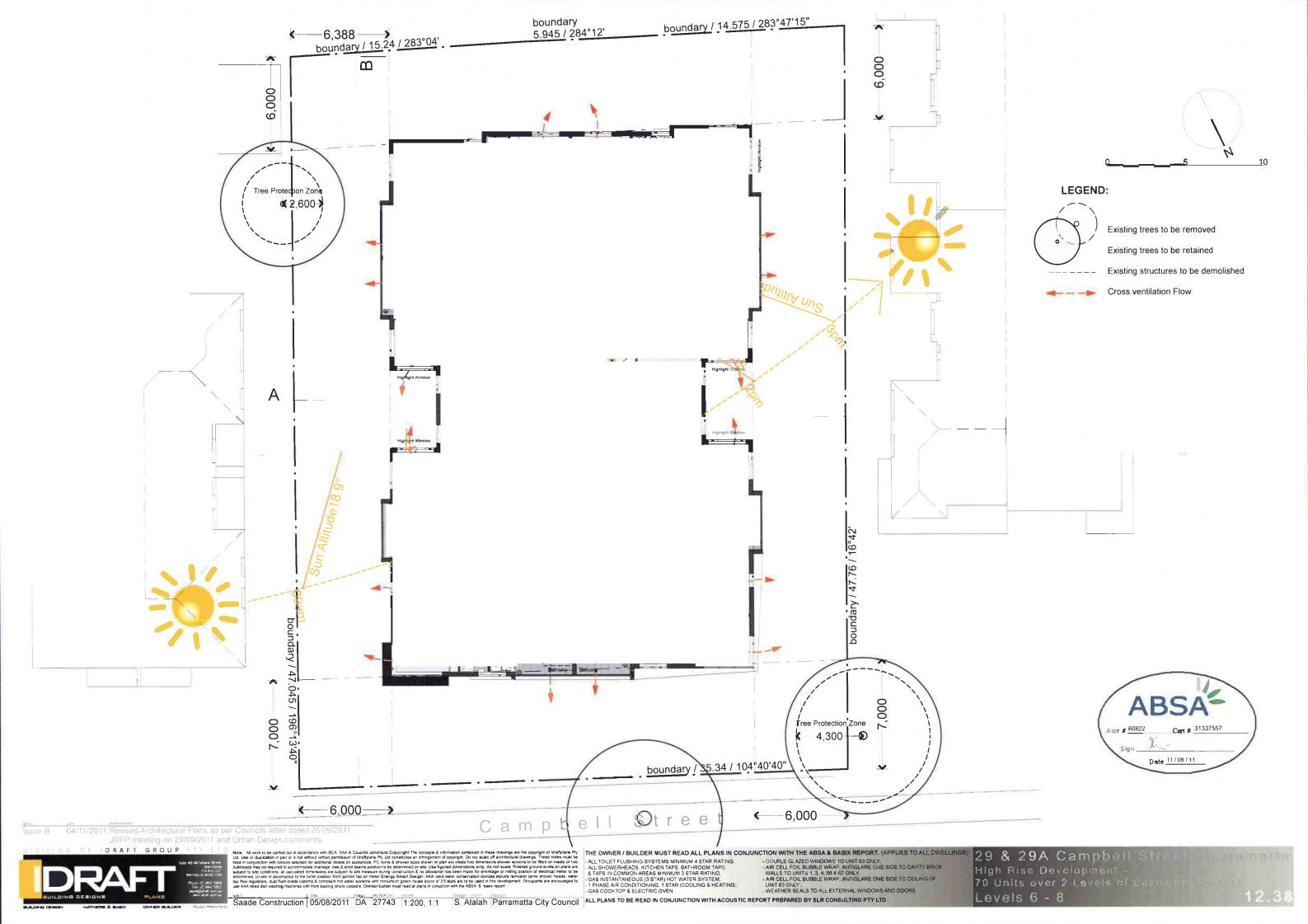


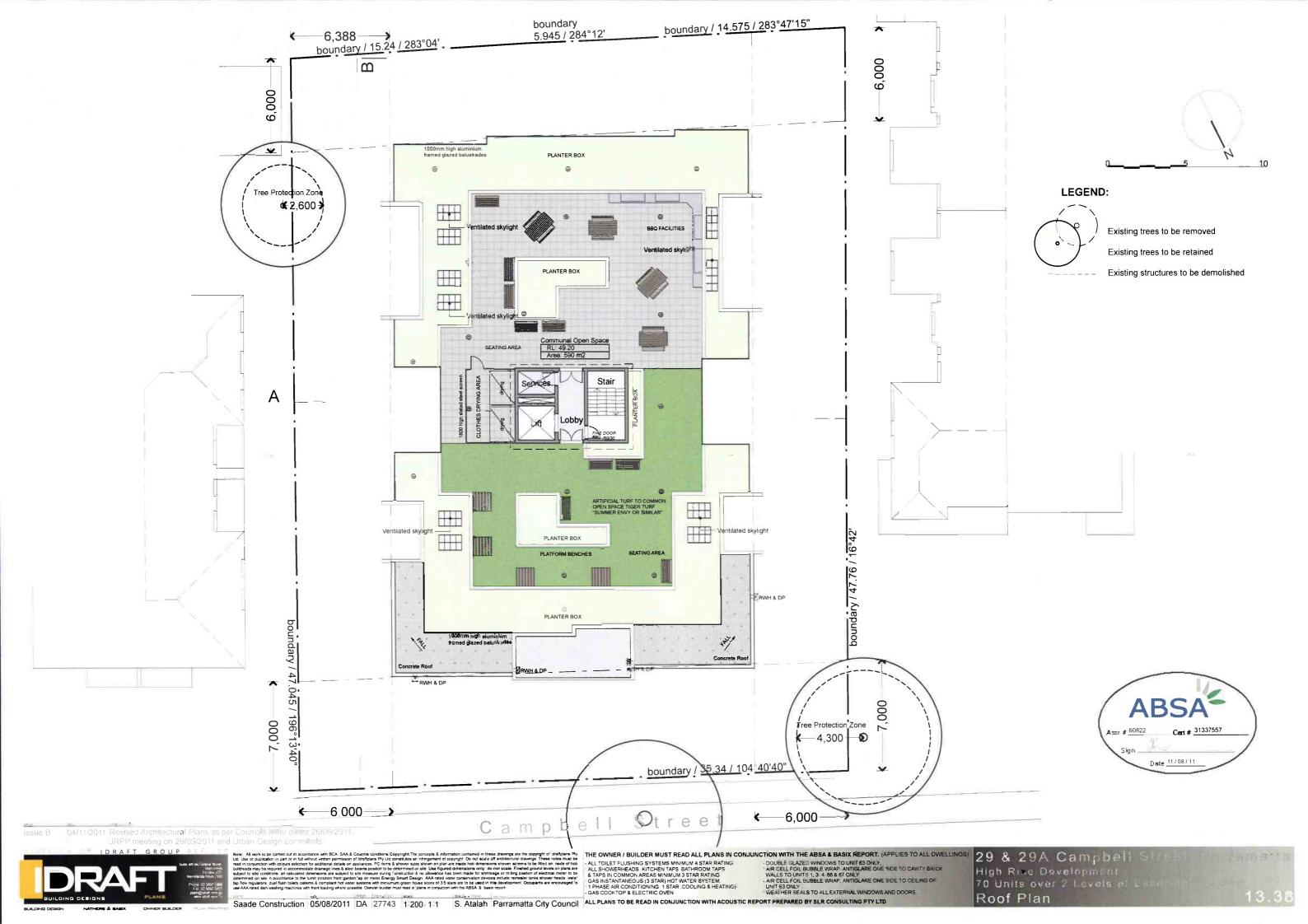


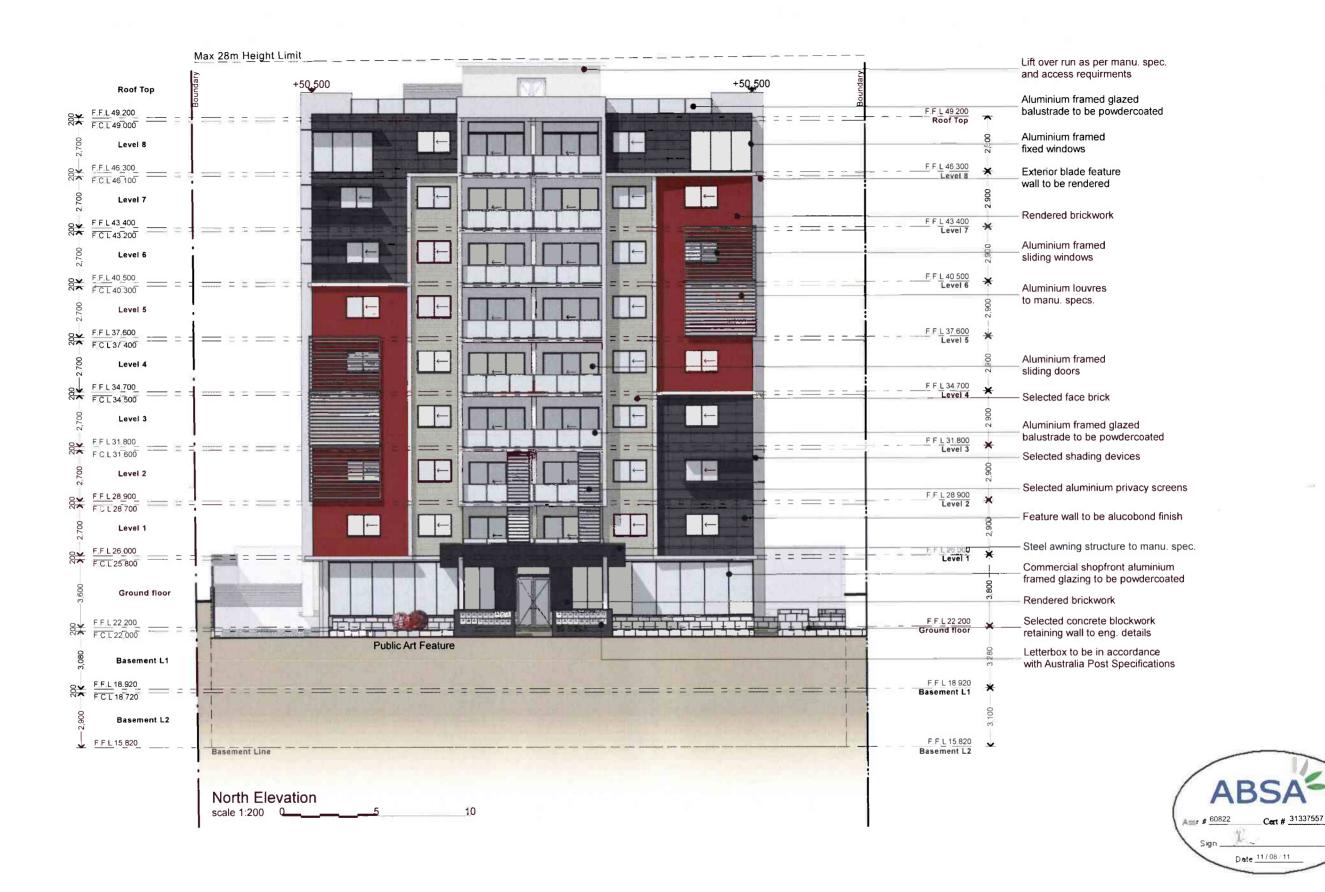


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04/11/2011 Revised Architectural Plans as per Councils letter duted 26/09/201 JRPP meeting on 29/09/2011 and Urban Design comments



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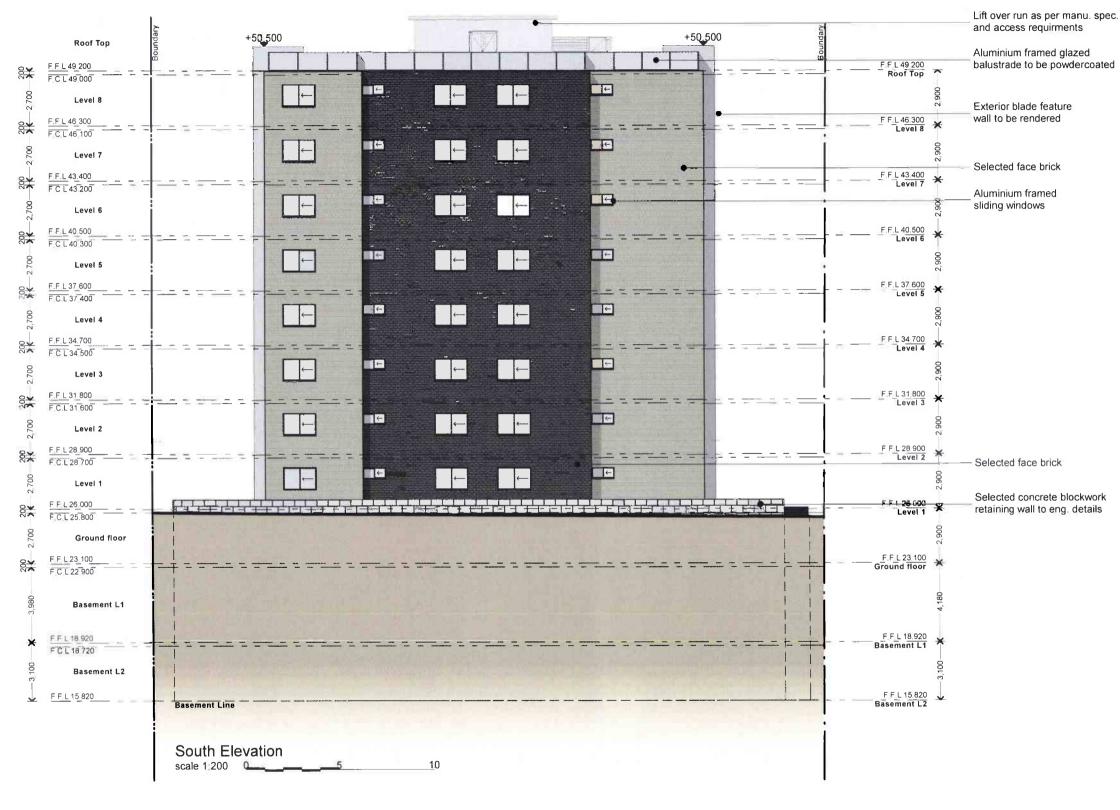
DOUBLE GLAZED WINDOWS TO UNIT 63 ONLY

AIR CELL FOIL BUBBLE WRAP ANTIGLARE ONE SIDE TO CAVITY BRICK
WALLS TO UNITS 1, 3, 4, 66 & 67 ONLY

AIR CELL FOIL BUBBLE WRAP, ANTIGLARE ONE SIDE TO CEILING OF
UNIT 63 ONLY;

WEATHER SEALS TO ALL EXTERNAL WINDOWS AND DOORS.

29 & 29A Campbell St High Rise Development North Elevation





04/11/2011 Revised Architectural Plans as per Councils letter dated 26/09/201 JRPP meeting on 29/09/2011 and Urban Design comments



ALL TOILET FLUSHING SYSTEMS MINIMUM 4 STAR RATING ALL SHOWERHEADS KITCHEN TAPS, BATHROOM TAPS & TAPS IN COMMON AREAS MINIMUM 3 STAR RATING - GAS INSTANTANEOUS (3 STAR) HOT WATER SYSTEM, - 1 PHASE AIR CONDITIONING 1 STAR (COOLING & HEATING) - GAS COOKTOP & ELECTRIC OVEN DOUBLE GLAZED WINDOWS TO UNIT 63 ONLY
- AIR CELL FOIL BUBBLE WRAP, ANTIGLARE ONE SIDE TO CAVITY UNICK
WALLS TO UNITS 1 3 4 66 & 57 ONLY
- AIR CELL FOIL BUBBLE WRAP, ANTIGLARE ONE SIDE TO CEILING OF UNIT 63 ONLY WEATHER SEALS TO ALL EXTERNAL WINDOWS AND DOORS

29 & 29A Campbell Sir South Elevation





THE OWNER / BUILDER MUST READ ALL PLANS IN CONJUNCTION WITH THE ABSA & BASIX REPORT. (APPLIES ALL TOILET FLUSHING SYSTEMS MINIMUM 4 STAR RATING ALL SHOWERHEADS KITCHEN TAPS, BATHROOM TAPS. TAPS IN COMMON AREAS MINIMUM 3 STAR RATING GAS INSTANTANEOUS (3 STAR) HOT WATER SYSTEM,

1 PHASE AIR CONDITIONING 1 STAR (COOLING & HEATING),
GAS COOKTOP & ELECTRIC OVEN

- DOUBLE GLAZED WINDOWS TO UNIT 63 ONLY
AIR CELL FOIL BUBBLE WRAP, ANTIGLARE ONE SIDE TO CAVITY BRICK
WALLS TO UNITS 1, 2, 4, 68 & 67 ONLY
- AIR CELL FOIL BUBBLE WRAP, ANTIGLARE ONE SIDE TO CEILING OF UNIT 63 ONLY.
WEATHER SEALS TO ALL EXTERNAL WINDOWS AND DOORS Saade Construction 05/08/2011 DA 27743 1:200, 1:1 S Atalah Parramatta City Council

29 & 29A Campbell Str High Rise Development 70 Units over 2 Levels of East Elevation

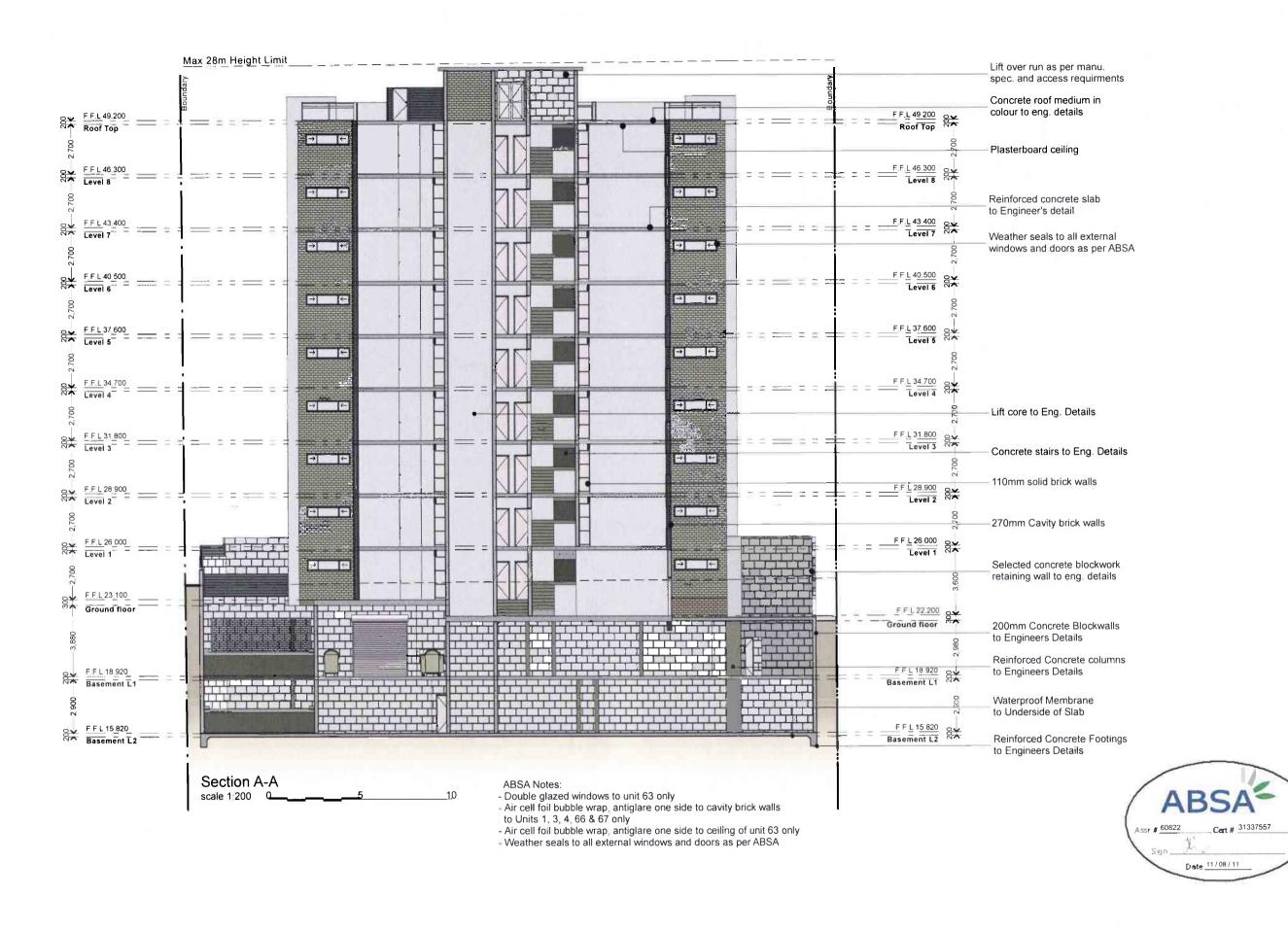
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8 TAPS IN COMMON AREAS MINIMUM 3 STAR RATING
- CAS INSTANTANEOUS (3 STAR) HOT WATER SYSTEM.
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DOUBLE GLAZED WINDOWS TO UNIT 63 ONLY.
AIR CELL FOIL BUBBLE WRAP ANTIGLARE ONE SIDE TO CAVITY BRICK
WALLS TO UNITS 1, 3 4 68 85 ONLY.
- AIR CELL FOIL BUBBLE WRAP. ANTIGLARE ONE SIDE TO CEILING OF UNIT 63 ONLY
WEATHER SEALS TO ALL EXTERNAL WINDOWS AND DOORS

Saade Construction 05/08/2011 DA 27743 1:200 1.1 S Atalah Parramatta City Council ALL PLANS TO BE READ IN CONJUNCTION WITH ACOUSTIC REPORT PREPARED BY SLR CONSULTING PTY LTD

29 & 29A Campbell Stree High Rise Development 70 Units over 2 Levels of F West Elevation

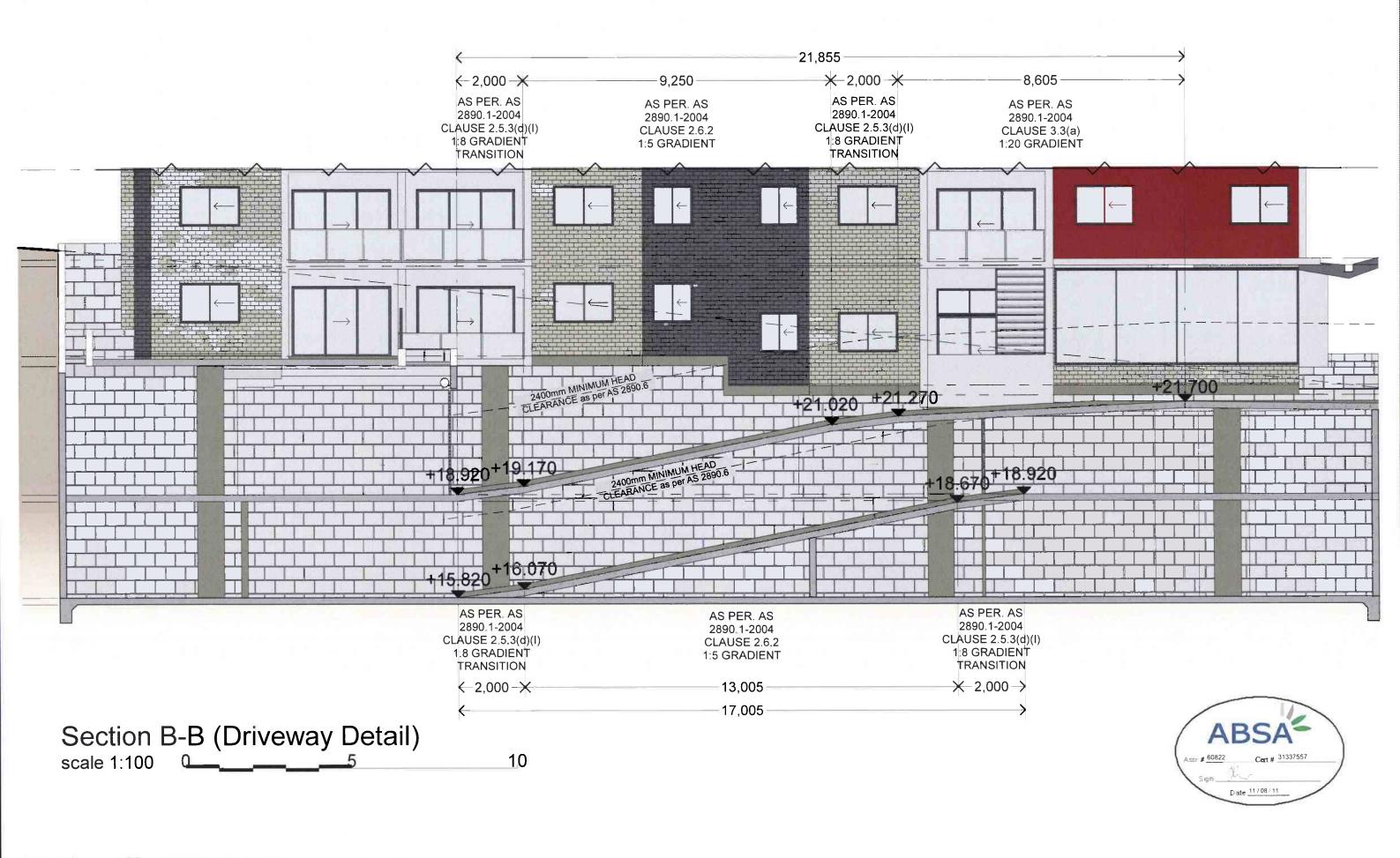
Date 11/08/11





ALL TOILET FLUSHING SYSTEMS MINIMUM 4 STAR RATING
ALL SHOWERHEADS KITCHEN TAPS BATHROOM TAPS

29 & 29A Campbell Street High Rise Development 70 Units over 2 Levels of Baseman Section A-A

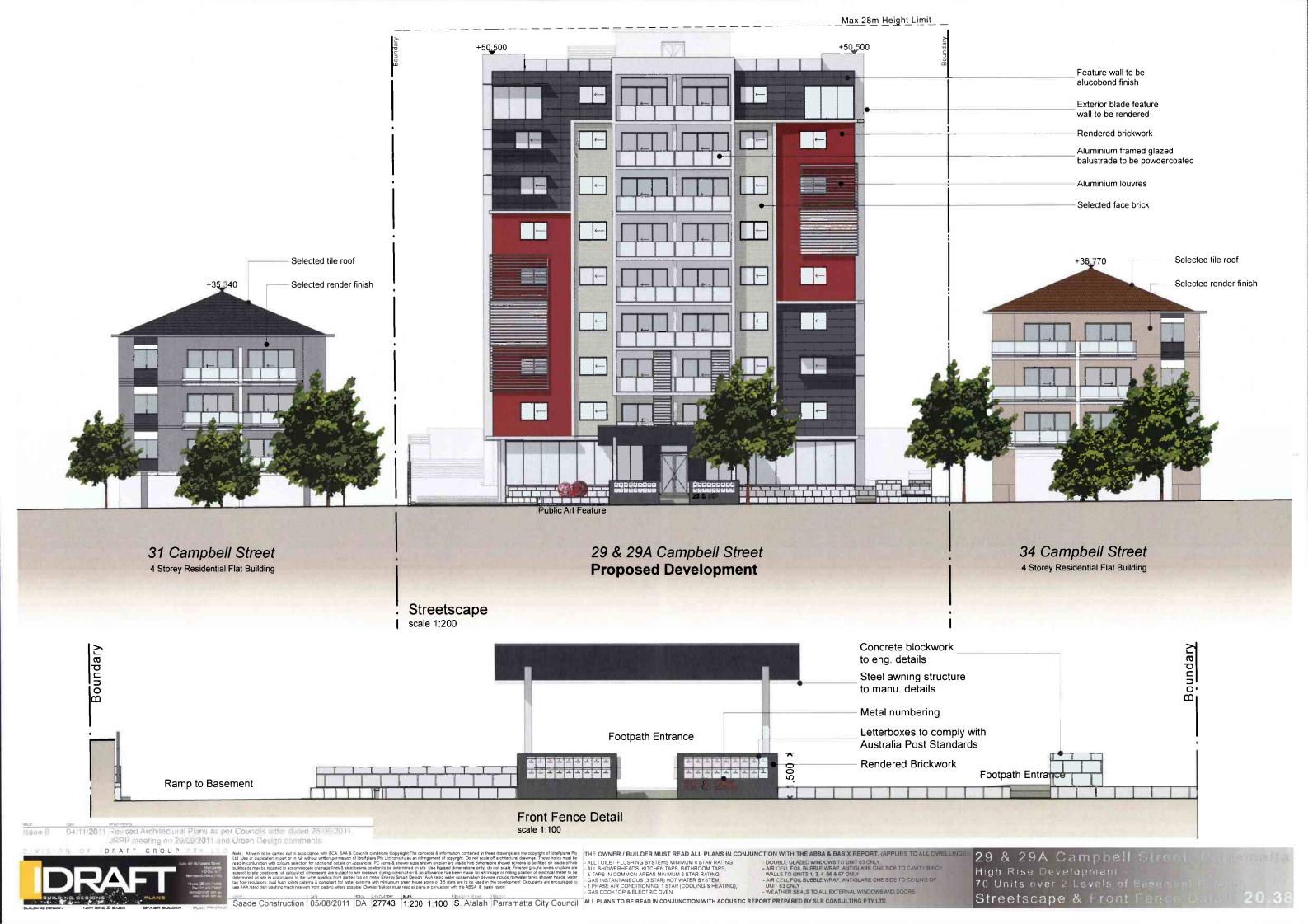


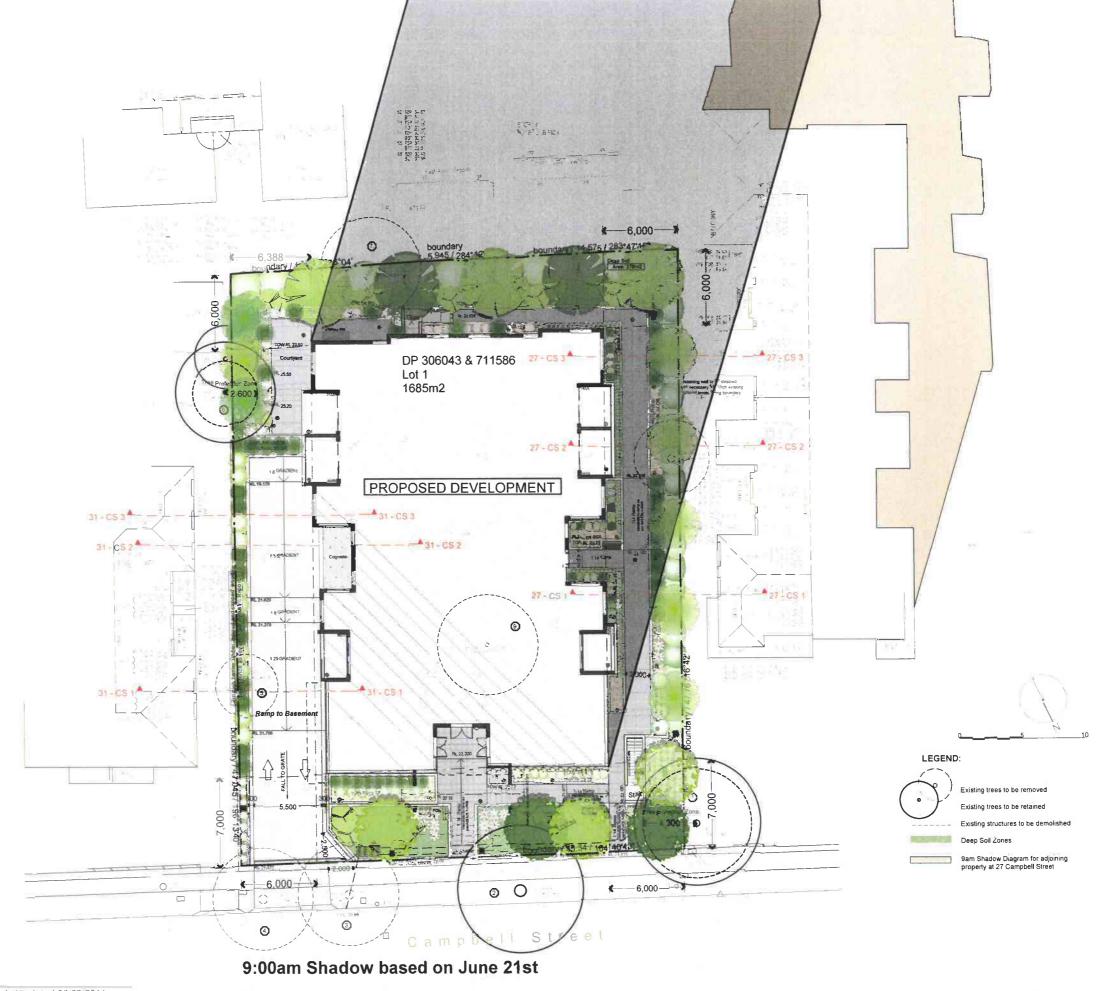
04/11/2011 Revised Architectural Plans as per Councils letter dated 26/09/201 JRPP meeting on 29/09/2011 and Urban Design comments



Saade Construction 05/08/2011 DA 27743 1:100, 1:1 S. Atalah Parramatta City Council ALL PLANS TO BE READ IN CONJUNCTION WITH ACOUSTIC REPORT PR

29 & 29A Campbell Stre High Rise Development 70 Units over 2 Levels of Boseni Section B-B





04/11/2011 Revised A chitectural Plans as per Councils letter dated 26/02/2011 URPP meeting on 29/09/2011 and Urban Design comments



THE OWNER / BUILDER MUST READ ALL PLANS IN CONJUNCTION WITH THE ABSA & BASIX REPORT. (APPLIES TO ALL D THE OWNER / BUILDER MUST READ ALL PLANS IN C.

-ALL TOILET FLUSHING SYSTEMS MINIMUM 4 STAR RATING
-ALL SHOWERHEADS KITCHEN TAPS BATHROCM TAPS
8 TAPS IN COMMON AREAS MINIMUM 3 STAR RATING
-GAS INSTANTANEOUS (\$ STAR) HOT WATER SYSTEM
-1 PHASE AIR CONDITIONING 1 STAR (COOLING & HEATING)
-GAS COOKTOP & ELECTRIC OVEN DOUBLE GLAZED WINDOWS TO UNIT 59 ONL!

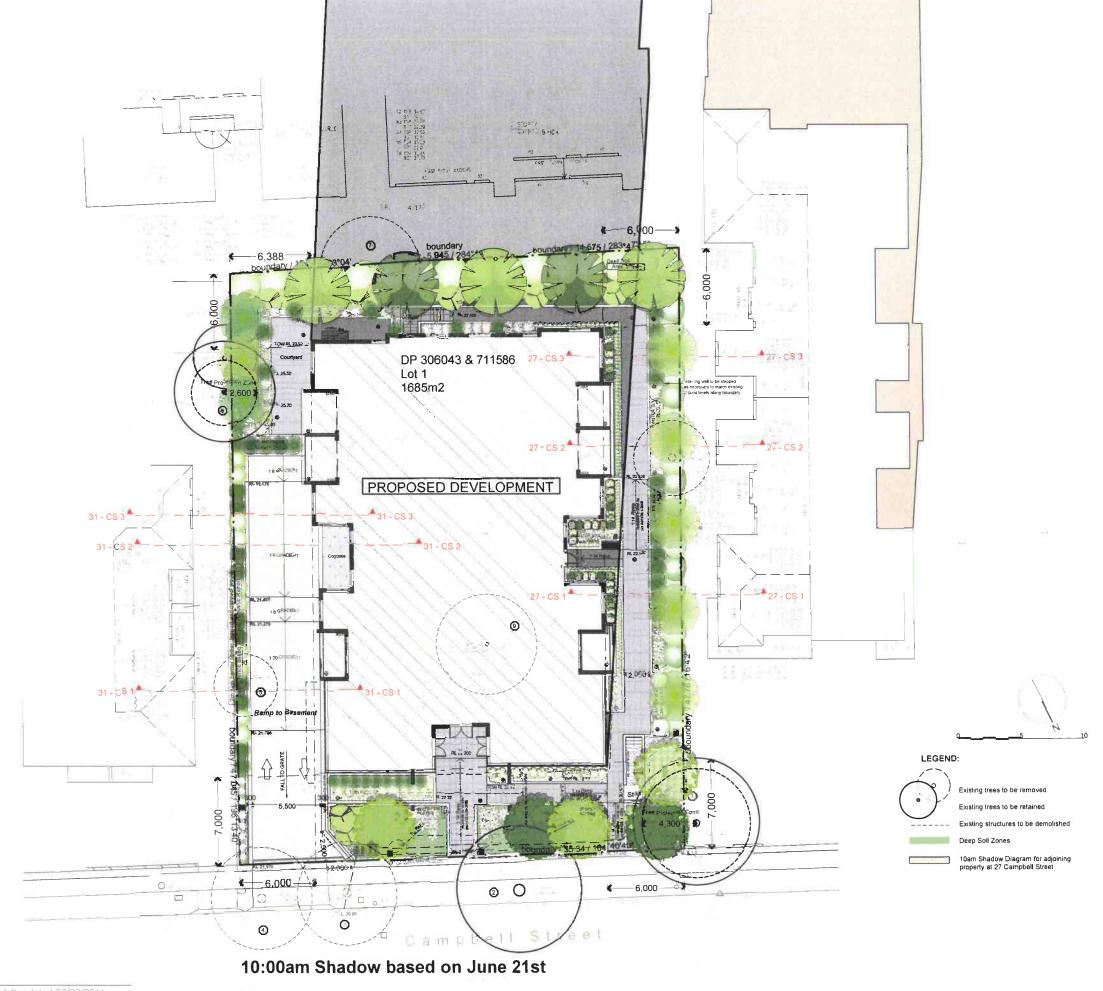
AIR CELL FOIL BUBBLE WRAP ANTIGLASE ONL SIDE TO CAVITY FOR WALLS TO UNIT'S 1.3 4 58 56 ONL!

AIR CELL FOIL BUBBLE WRAP ANTIGLASE ONE SIDE TO CAVITY FOR MALE STOLUMENTS 1.3 4 58 56 ONL!

AIR CELL FOIL BUBBLE WRAP ANTIGLASE ONE SIDE TO CELLING OF UNIT'S 3 ONL!

WEATHER SEALS TO ALL EXTERNAL WINDOWS AND DOORS

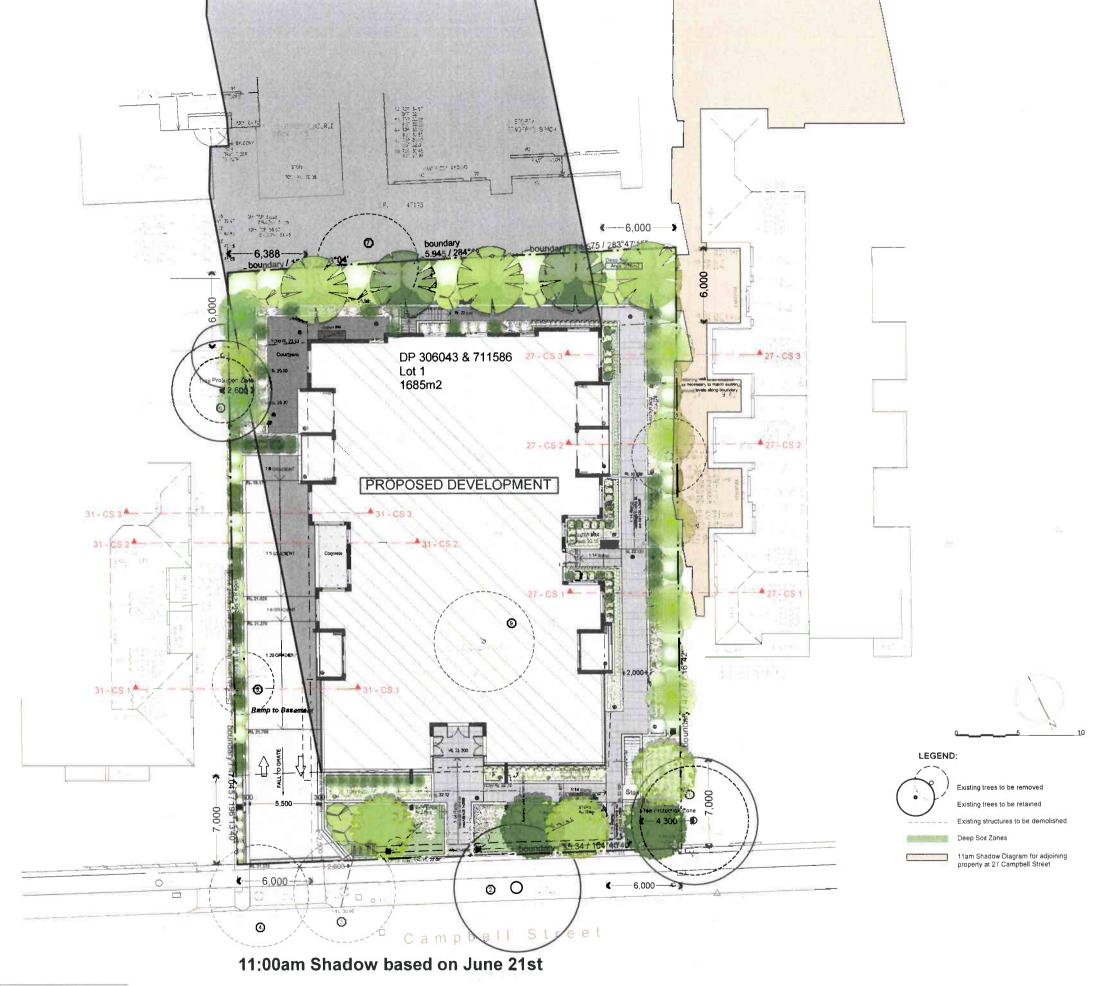
29 & 29A Campbell Stree High Rise Development
70 Units over 2 Levels of Bases Shadows June 21st 9am



Issue B 04/11/2011 Revised Architectural Plans as per Councils letter dated 26/09/2011 JRPF meeting on 29/09/2011 and Urban Design comments

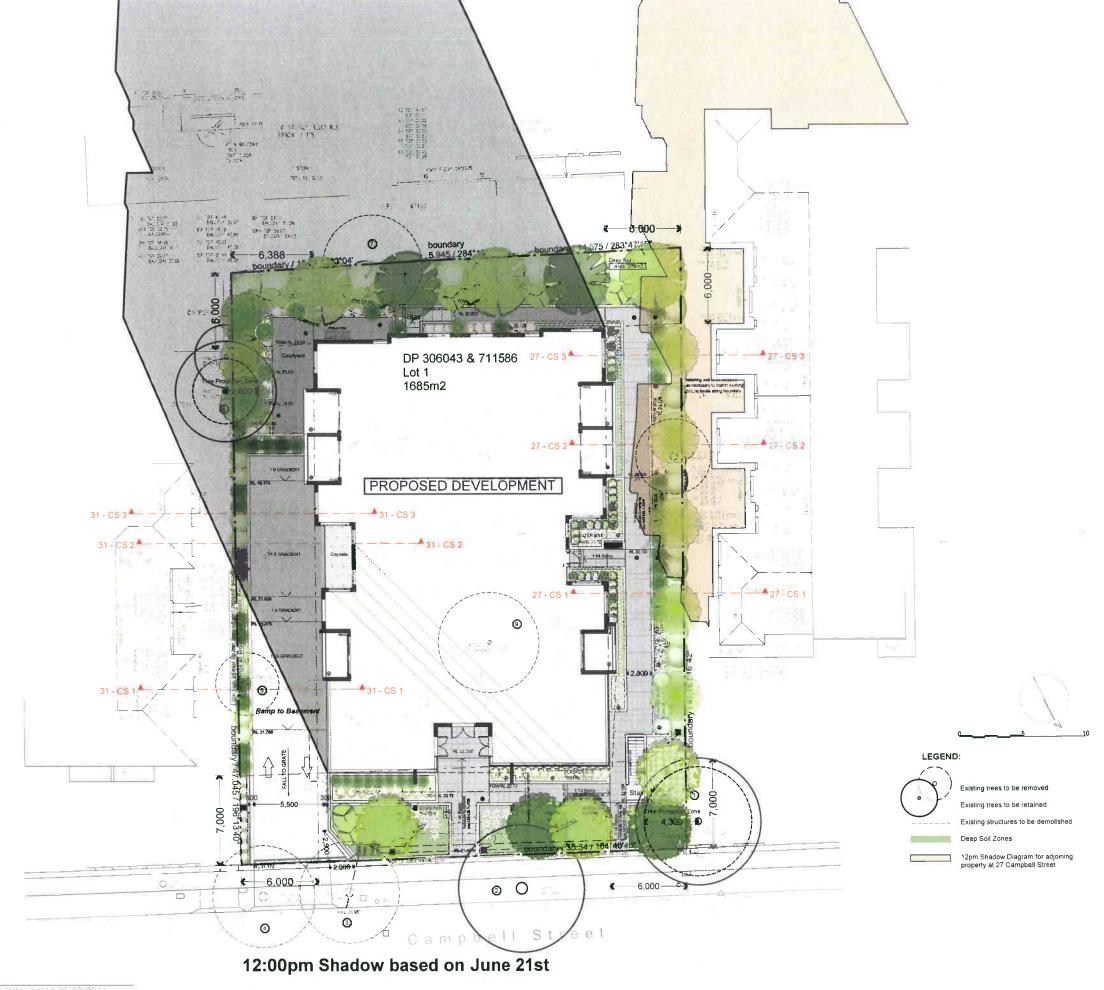


DOUBLE GLAZED WINDOWS TO UNIT 33 ONLY
AIR CPL. FOIL BUBBLE WRAP ANTIGLARE ONE SIDE TO CAVITY BRIC
WALLS TO UNITS 13.4 66 & 87 ONLY
AIR CELL FOIL BUBBLE WRAP ANTIGLARE ONE SIDE TO CEILING OF
UNIT 83 ONLY
WEATHER SEALS TO ALL EXTERNAL WINDOWS AND DOORS



04/11/2011 Revised Architectural Plans as per Councils letter dated 26/00/201 JRFP meeting on 29/09/2011 and Urban Design comments





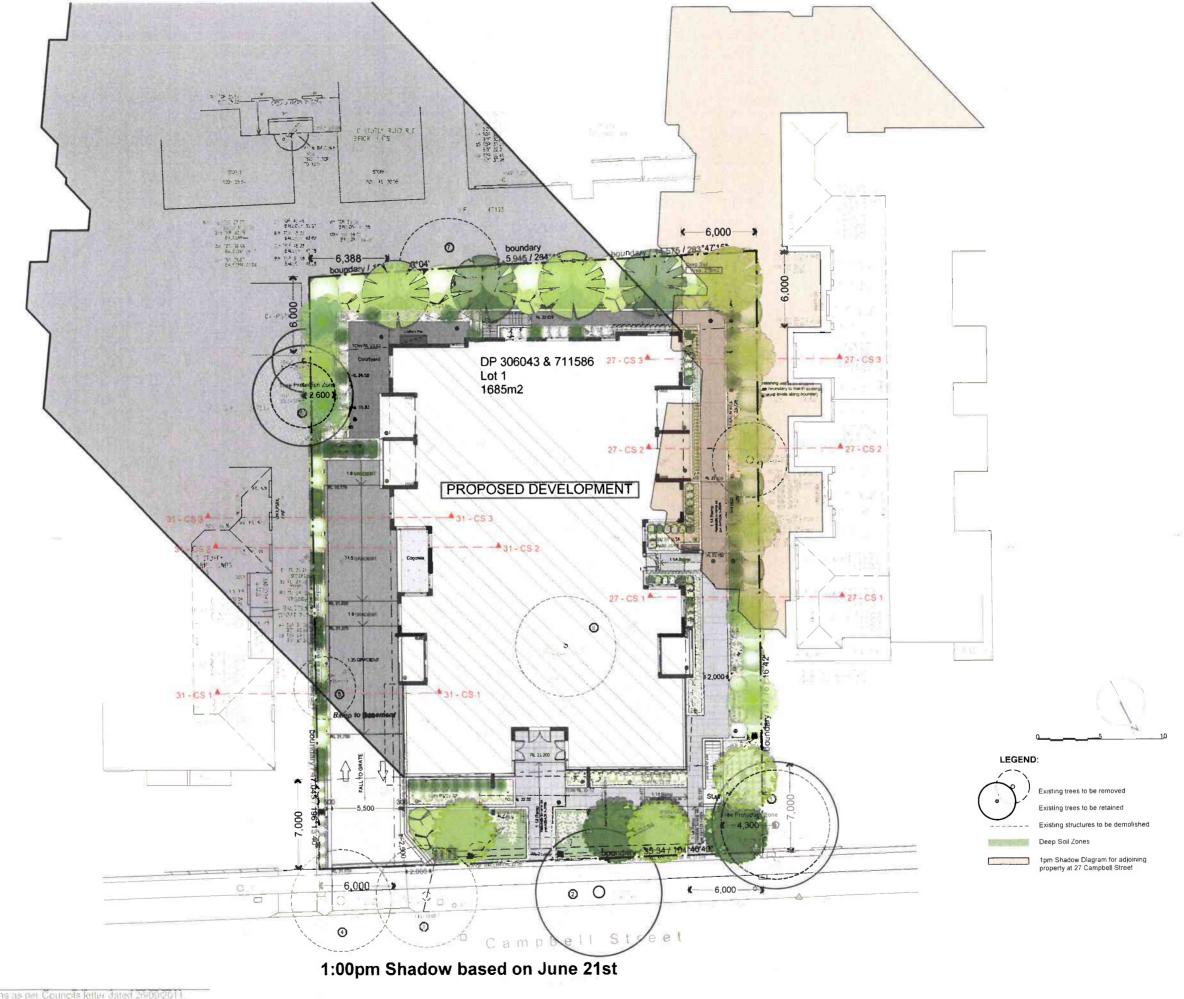
04/11/2011 Revised Architectural Plans as per Councils letter dated 26/09/20 JRPP meeting on 29/09/2011 and Urban Design comments



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- ALL TOILET FLUSHING SYSTEMS MINIMUM 4 STAR RATING
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- GAS INSTANTANEOUS (3 STAR; HOT WATER SYSTEM
- 1 PHASE AIR CONDITIONING 1 STAR (COOLING & HEATING)
- GAS COOKTOP & ELECTRIC OVEN

29 & 29A Campbell Street, Pa High Rise Development - 70 Units over 2 Levels of Basey Shadows June 21st 12pm



04/11/2011 Revised Architectural Plans as per Councils letter dated 26/06 JRPP meeting on 20/06/2011 and Urban Design comments

THE OWNER / BUILDER MUST READ ALL PLANS IN CONJUNCTION WITH THE ABSA & BASIX REPORT. (APPLIES TO ALL DWELLING THE OWNER! PUBLICHER MOST READ ALL PLANS IN A - ALL TOILET FLUSHING SYSTEMS MINIMUM 4 STAR RATING - ALL SHOWERHEADS KITCHEN TAPS BATHROOM TAPS 8 TAPS IN COMMON AREAS MINIMUM 3 STAR RATING - GAS INSTANTAIEOUS (3 STAR; HOT WATER SYSTEM - 1 PHASE AIR CONDITIONING 1 STAR (COOLING 8 HEATING) - GAS COOKTOP 8 ELECTRIC OVEN

DOUBLE GLAZED WINDOWS TO UNIT 63 ONLY

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WALLS TO UNITS 1 3 4 68 & 57 ONLY

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WEATHER SEALS TO ALL EXTERNAL WINDOWS AND DOORS

29 & 29A Campbell Street High Rise Development 70 Units over 2 Levels of Base Shadows June 21st 1pm



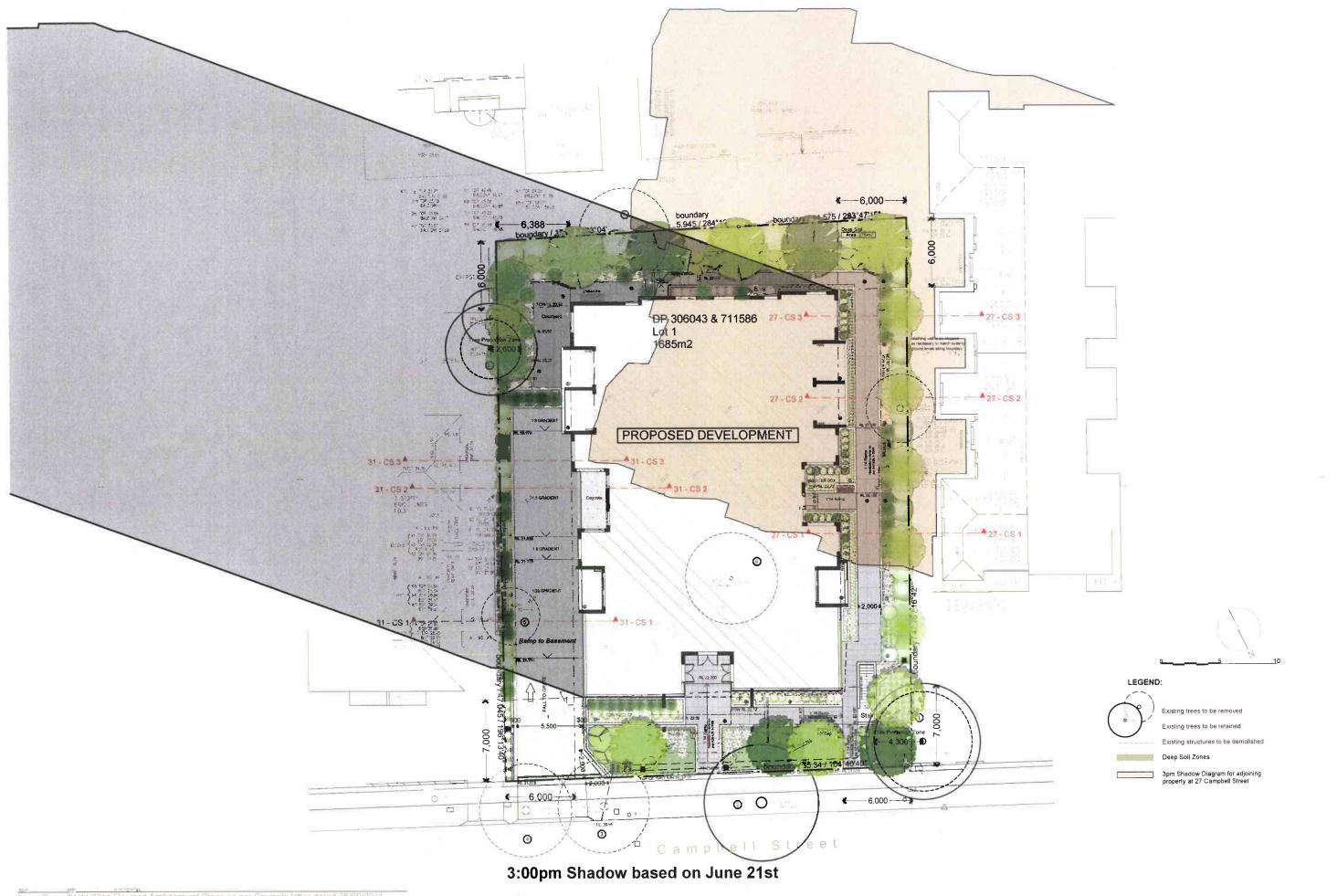
04/11/2011 Revised Architectural Plans as per Councils letter dated 26/09/2011 JRPP meeting on 29/09/2011 and Urban Design comments

Saade Construction | 05/08/2011 | DA | 27743 | 1:300

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-ALL SHOWERHEADS, KITCHEN TAPS BATHROOM TAPS.

S. Atalah Parramatta City Council ALL PLANS TO BE READ IN CONJUNCTION WITH ACOUSTIC REPORT PREPARED BY SLR CONSULTING PTY LTD



04/11/2011 Revised Architectural Plans as per Councils letter dated 26/09/2011



-ALL TOILET FLUSHING SYSTEMS MINIMUM 4 STAR RATING
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8 TAPS IN COMMON AREAS MINIMUM 3 STAR RATING
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-GAS COOKTOP & ELECTRIC OVEN S. Atalah Parramatta City Council

S. Atalah Parramatta City Council

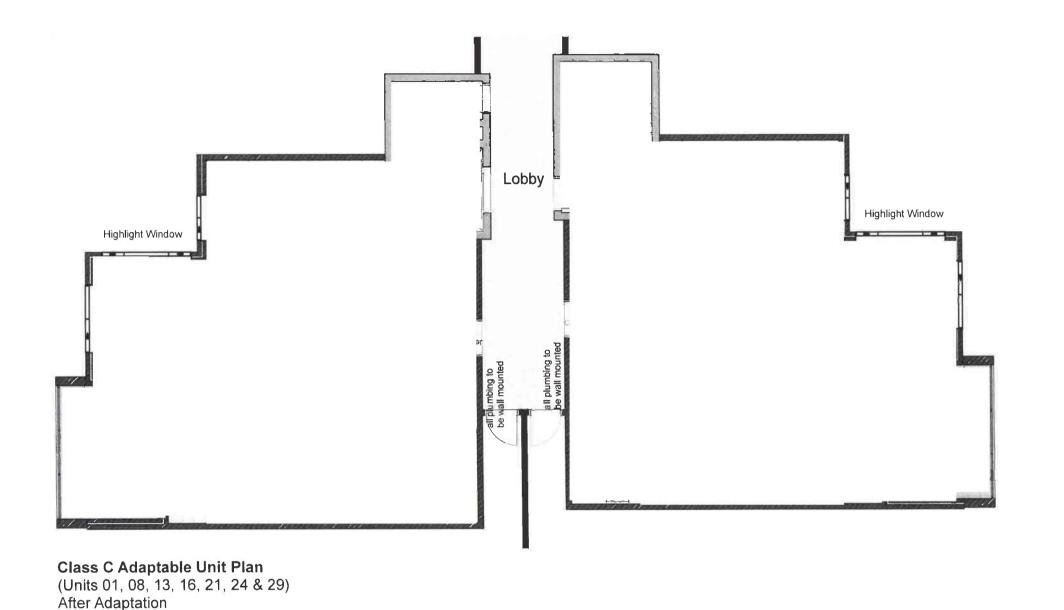
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AR CELL FOIL BUBBLE WRAP ANTIGLARE ONE SIDE TO CAVITY BRICK,
WALLS TO UNITS 1 3 4 66 8 of ONLY

AIR CELL FOIL BUBBLE WRAP ANTIGLARE ONE SIDE TO CEILING OF
UNIT 63 ONLY

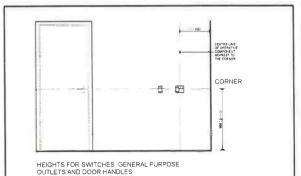
WEATHER SEALS TO ALL EXTERNAL WINDOWS AND DOORS.

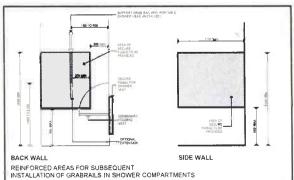
29 & 29A Campbell 5 (20) High Rise Development -70 Units over 2 Levels of Basuine Shadows June 21st 3pm

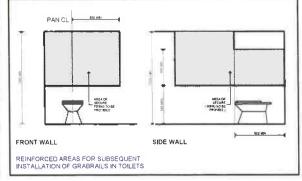


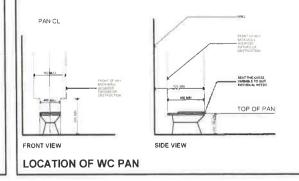
ADAPTABLE HOUSE CLASS C All essential features incorporated. CLAUSE DRAWINGS Provision of drawings showing the housing unit in its pre-adaption and post-adaption stages SITING A continuous accessible path of travel from street frontage and vehicle parking to entry 3,3,2 complying with AS1428.1 LETTERBOXES IN ESTATE DEVELOPMENTS Letterboxes to be on hard standing area connected to accessible pathway 3.8 PRIVATE CAR ACCOMMODATION 3.7.2 Carparking space or garage min area 6.0m x 3.8m ACCESSIBLE ENTRY Accessible entry Access ble entry to be level (le max 1.40 slope) 432 432 Threshold to be low-level Landing to enable wheelchair manoeuvrability Accessible entry door to have 850mm min clearance 4.3.1 Door fever handles and hardware to AS 1428.1 434 INTERIOR GENERAL 4.3.3 Internal doors to have 820 mm min clearance Internal corridors min_width of 1000mm 4.3.7 Provision for compliance with AS 1428 1 for door approaces 437 LIVING ROOM & DINING ROOM 471 Provision for circulation space of min 2250mm diameter Telephone adjacent to GPO 474 Potential illumination level min 300 lux 4.10 KITCHEN Minimum width 2.7m (1550mm clear between bences) Provision for circulation at doors to comply with AS 1428_1 4.5.1 Provision for benches planned to include at least one worksurface of 800mm length. adjustable in height from 750mm to 850mm or replaceable, refer to Figure 4.8 Refrigerator adjacent to work surface 4.55 Kitchen sink adjustable to heights from 750mm to 850mm or replacable 4.56 4.5.6 Kitchen sink bowl max 150mm deep Tap set capstan or lever handles or lever mixer 456 (e) Tap set located within 300mm of front of sink 4.5 6 (e) Cooktops to include either front or side controls with raised cross bars 457 457 Cooktops to include isolationa switch 4.5.7 Worksurface min 800mm length adjacent to cooktop at same height Oven located adjacent to an adjustable height or replaceable work surface 458 GPOs to comply with AS 1428.1, At least one double GPO with 300mm of front of worksurface 4.5.11 GPO for refrigerator to be easily reachable when the refrigerator is in its operating position 4.5.4 MAIN BEDROOM At least one bedroom of area sufficient to accommodate gueen size bed and wardrobe and 4.6.1 urculation space requirements of AS 1428.2 BATHROOM Provision for bathroom area to comply with as 1428,1 441 4.4.2 Slip-resistant floor surface Shower recess - no hob, Minimum size 1160 x 1100 to comply with AS 1428 1 4,4.4 (f) Shower area waterproofed to AS 3740 with floor to fall to waste 4 4.4 (f) 4,4,4 (f) Recessed soap holder Shower taps positioned for easy reach to access side of shower sliding track Provision for adjustable, detachable hand held shower rose mounted on a slider grabrail or fixed hook (plumbing and wall-strengthening provision) 4.4.4 (h) Provision for grabial in shower to comply with AS 1428 : 4 4 4 (h) Tap sets to be capstan or lever handles with single outlet Provision for washbasin with clearance to comply with AS 1428.1 4 4 4 (0) Double GPO beside mirror TOILET Provision of either visitable toflet or accessible toilet 4,4,3 Provision to comply with AS 1428,1 441 443 Location of WC pan at correct distance from fixed walls 4.4.4 (h) Provision for grab rail zone Slip resistant floor surface (Vitreous tiles or similar) 442 LAUNDRY 4.8 Circulation at doors to comply with AS 1428.1 Provision for adequate circulation space in front of or beside appliances (min 1550 mm depth) 4.8 Provision for automatic washing machine 4.8 (e) 48 (a) 102 Where clothes line is provided an accessible path of travel to this Double GPO 4.8 (g) DOOR LOCKS

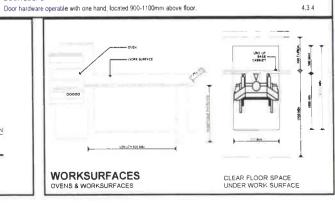
SCHEDULE OF FEATURES FOR ADAPTABLE HOUSING











JRPP meeting on 29/09/2011 and Urban Design comments



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ALL SHOWERHEADS KITCHEN TAPS BATHROOM TAPS
& TAPS IN COMMON APEAS MINIMUM 3 STAR RATING
GAS INSTANTANEOUS (S STAR: HOT WATER SYSTEM
- 1 PHASE ARI CONDUTIONING 1 STAR (COOLING & HEATING)
GAS COOKTOP & ELECTRIC OVEN

S. Atalah Parramatta City Council ALL PLANS TO BE READ IN CONJUNCTION WITH ACOUSTIC REPORT PREPARED BY SLR CONSULTING PTY LTD

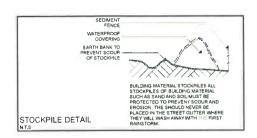
DOUBLE GLAZED WINDOWS TO UNIT 63 ONLY

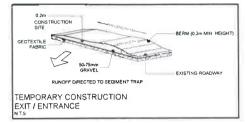
- AIR CELL FOIL BUBBLE WRAP, ANTIGLARE ONE SIDE TO CAVITY BRICK
WALLS TO UNIT'S 1 3 4, 68 & 67 ONLY

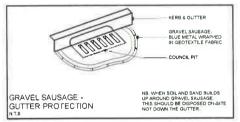
- AIR CELL FOIL BUBBLE WRAP ANTIGLARE ONE SIDE TO CEILING OF UNIT 63 ONLY

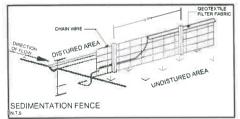
- WEATHER SEALS TO ALL EXTERNAL WINDOWS AND DOORS

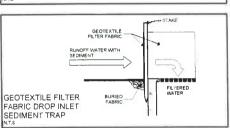
High Rise Development = 70 Units over 2 Levels of bardiness. Adaption Detail

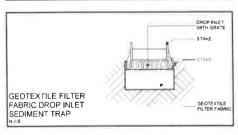


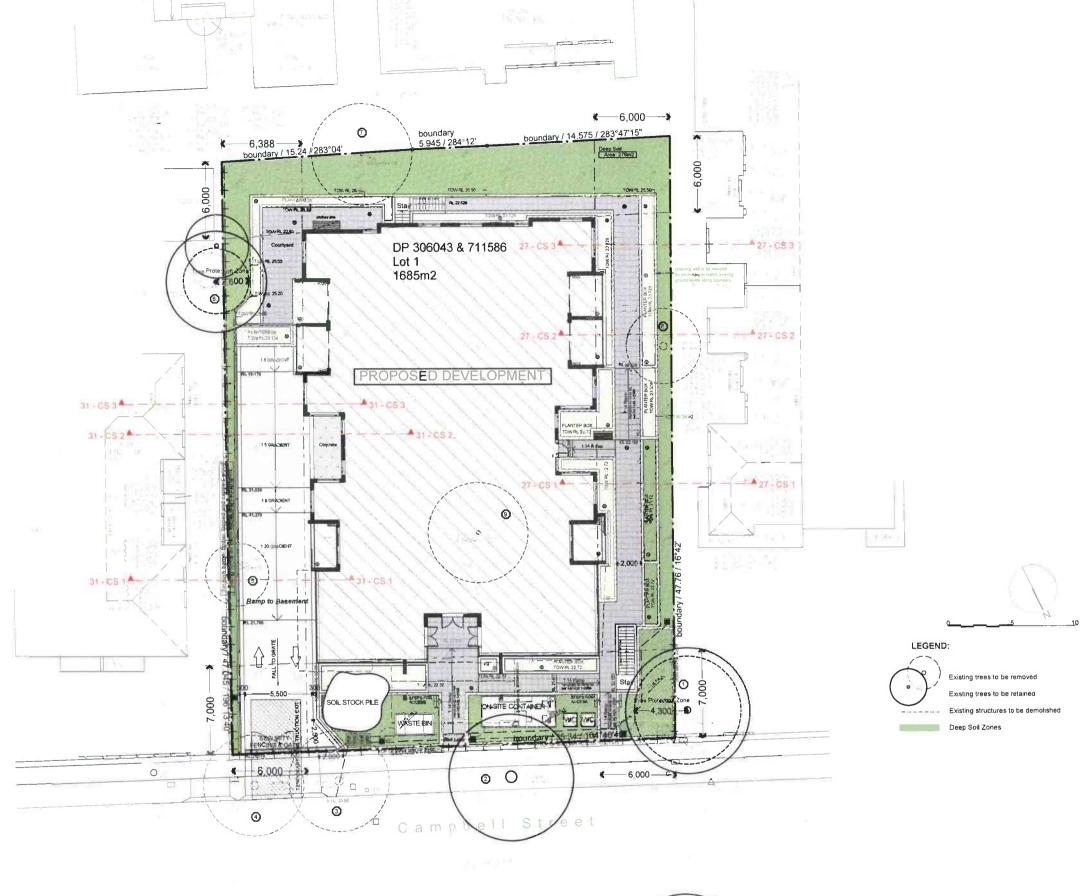














04/11/2011 Revised Architectural Plans as per Councils left



S. Atalah Parramatta City Council

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- DOUBLE GLAZED WINDOWS TO UNIT 33 ONLY
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- MINE ABSA & Basix REPORT. (APPLIES TO ALL DWELL

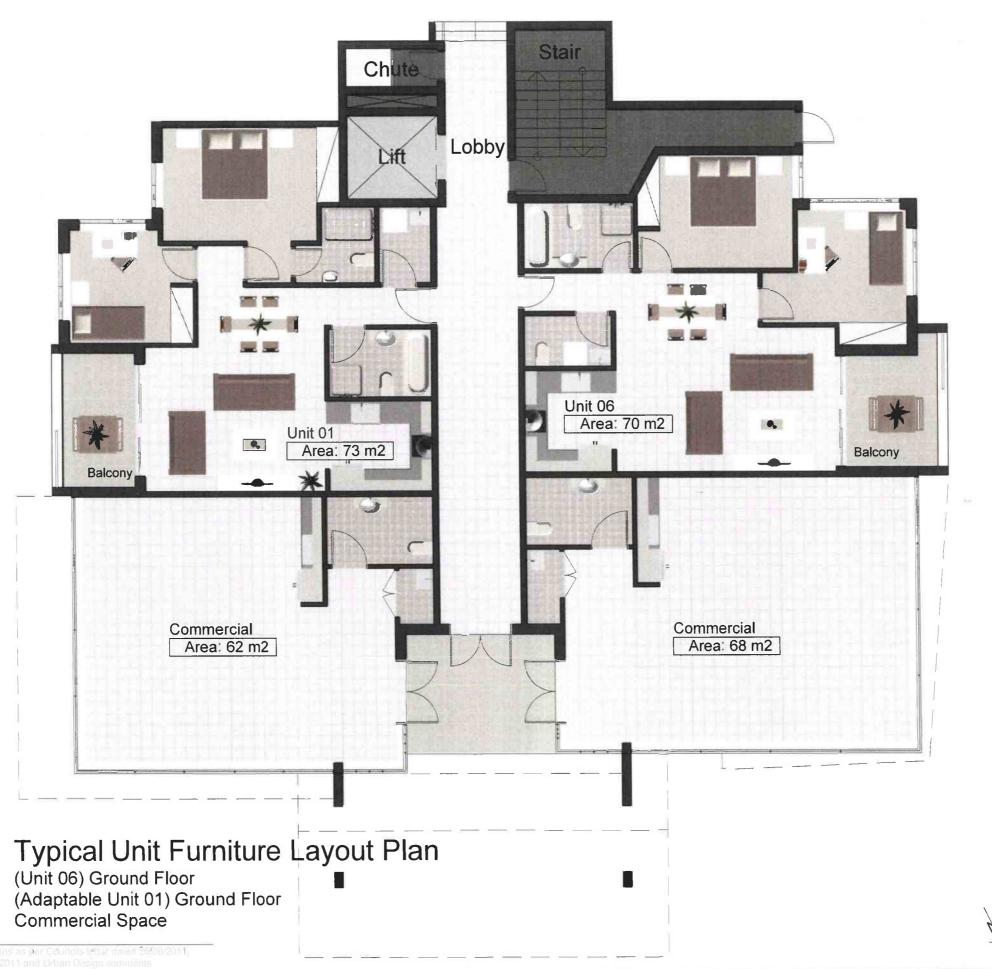
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29 & 29A Campbell Street, For High Rise Development 70 Units over 2 Levels of Ba





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THE OWNER / BUILDER MUST READ ALL PLANS IN CONJUNCTION WITH THE ABSA & BASIX REPORT. (APPLIES TO ALL DWELLIE ALL TOLET FLUSHING SYSTEMS MINIMUM 4 STAR RATING ALL TOLET FLUSHING SYSTEMS MINIMUM 4 STAR RATING ALL SHOWERHEADS HITCHEN TAPS BATHROOM TAPS & TAPS IN COMMON AREAS MINIMUM 3 STAR RATING GAS INSTANTANEOUS (3 STAR; HOT WATER SYSTEM 1 PHASE AIR CONDITIONING 1 STAR (COOLING & HEATING) GAS COOKTOP & ELECTRIC OVEN

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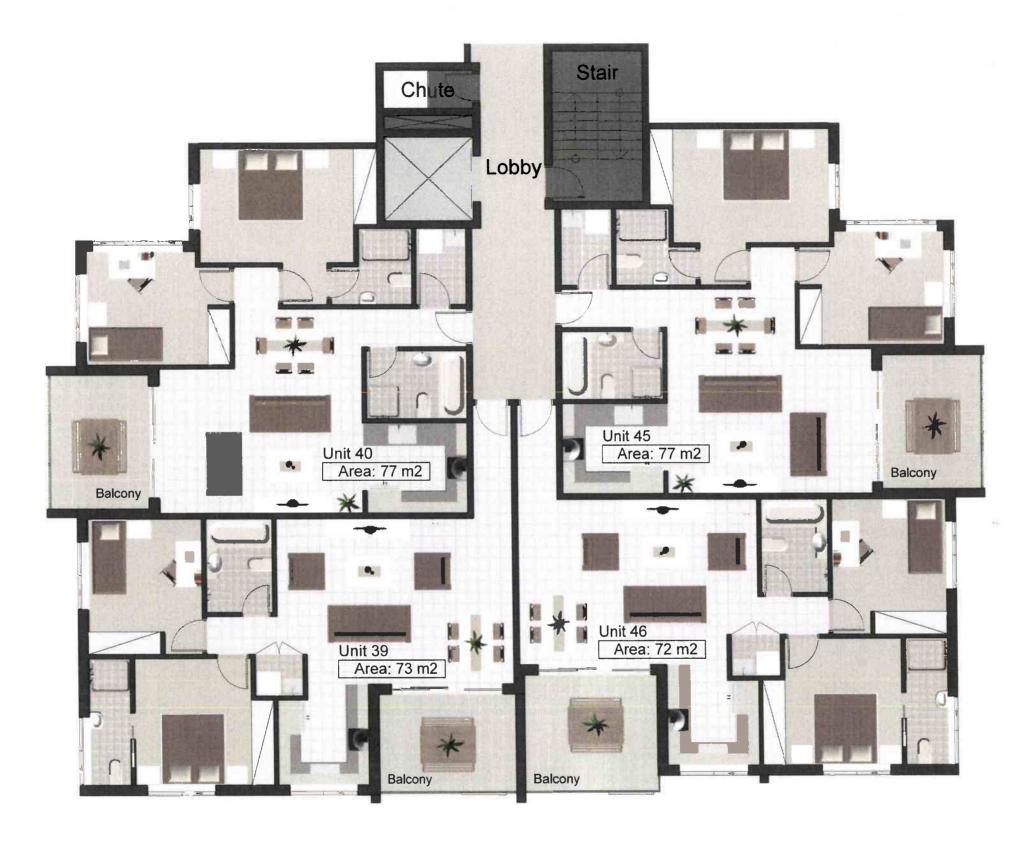
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UNIT 63 ONLY

WEATHER SEALS TO ALL EXTERNAL WINDOWS AND DOORS

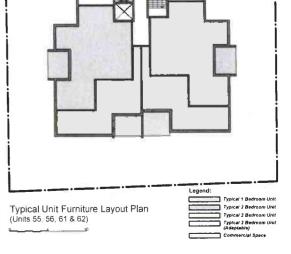
29 & 29A Campbell Street High Rise Development - 70 Units over 2 Levels of Basergen. Typical Furniture Plans

Typical Unit Furniture Layout Plan (Units 01 & 06, Commercial Space)



Typical Unit Furniture Layout Plan

(Units 39, 40, 45 & 46) (Units 07, 14, 15, 22, 23, 30, 31, 32, 37 & 38) (Adaptable Units 08, 13, 16, 21, 24 & 29)



04/11/2011 Revised Architectural Plans as per Councils letter dated 26/09 JRPP meeting on 29/09/2011 and Urban Design comments



IME OWNER / BUILDER MUST READ ALL PLANS IN C - ALL TOILE FLUSHING S. STEMS MINIMUM 4 STAR RATING - ALL SHOWERHEADS KITCHEN TAPS BATHROOM TAPS 8 TAPS IN COMMON AREAS MINIMUM 3 STAR RATING - GAS INSTANTANEOUS (3 STAP) HOT WATER S. STEM - PHASE AIR CONDITIONING 1 STAR (COOLING & HEATING) - GAS COOKTOP & ELECTRIC OVEN Saade Construction 05/08/2011 DA 27743 1:100, 1:500 S. Atalah Parramatta City Council

THE OWNER / BUILDER MUST READ ALL PLANS IN CONJUNCTION WITH THE ABSA & BASIX REPORT. (APPLIES TO ALL DWEL DOUBLE CLAZED WINDOWS TO UNIT 63 ONLY

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- AIR CELL FOIL BUBBLE WRAP ANTIGLARE ONE SIDE TO CEILING OF
UNIT 63 ONLY

- WEATHER SEALS TO ALL EXTERNAL WINDOWS AND DOORS

29 & 29A Campbell Stree High Rise Development 70 Units over 2 Levels of bas Typical Furniture Plans



Typical Unit Furniture Layout Plan

(Units 63, 64, 69 & 70) (Units 47, 48, 53, 54, 55, 56, 61 & 62)





THE OWNER / BUILDER MUST READ ALL PLANS IN CONJUNCTION WITH THE ABSA & BASIX REPORT. (APPLIES TO ALL DIVIN THE OWNER POLICIER MUST READ ALL FLANS IN A LALL TOILET FLUSHING SYSTEMS MINIMUM 4 STAR RATING ALL SHOWERHEADS KITCHEN TAPS BATHROOM TAPS 8 TAPS IN COMMON AREAS MINIMUM 3 STAR RATING GAS INSTANTANEOUS (3 STARI HOT WATER SYSTEM 1 PHASE AIR CONDITIONING 1 STAR (COOLING & HEATING) GAS COOKTOP & ELECTRIC O'VEN DOUBLE GLAZED WINDOWS TO UNIT 63 ONLY

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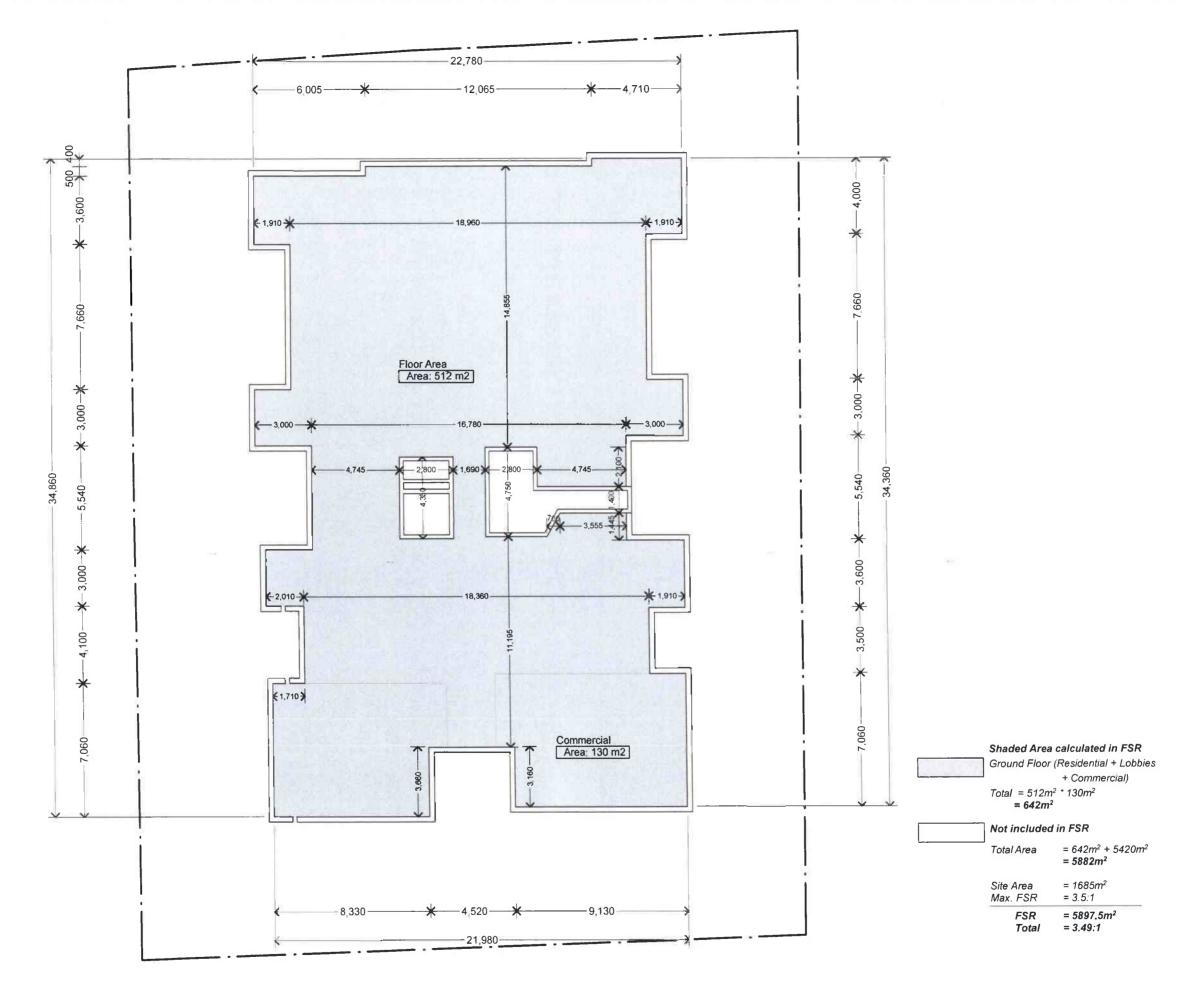
- AIR CELL FOIL BUBBLE WRAP ANTIGLARE ONE SIDE TO CEILING OF
UNIT 63 ONLY

- WEATHER SEALS TO ALL EXTERNAL WINDOWS AND DOORS

Saade Construction 05/08/2011 DA 27743 1:100 1:500 S. Atalah Parramatta City Council ALL PLANS TO BE READ IN CONJUNCTION WITH ACOUSTIC REPORT PREPARED BY SLR CONSULTING PTY LTD

Typical Unit Furniture Layout Plan (Units 63 64 69, & 70)

29 & 29A Campbell Street High Rise Development 70 Units over 2 Levels of Basement F Typical Furniture Plans



04/11/2011 Revised Architectural Plans as per Councils letter dated 26/05/201 JRPP meeting on 29 09/2011 and Urban Design comments



THE OWNER / BUILDER MUST READ ALL PLANS IN CONJUNCTION WITH THE ABSA & BASIX REPORT. (APPLIES TO ALL THE OWNER / BUILDER MUST READ AIR PLANS IN CALL TOILE FLUSHING SYSTEMS MINIMUM 4 STAR RATING ALL SHOWERHEADS KITCHEN TAPS BATHROOM TAPS. A TAPS IN COMMON AREAS MINIMUM 3 STAR RATING GAS INSTANTAILEOUS (3 STAR) HOT WATER S' STEM 1 PHASE AIR CONDITIONING 1 STAR (COOLING & HEATING) - GAS COOKTOP & ELECTRIC OVEN.

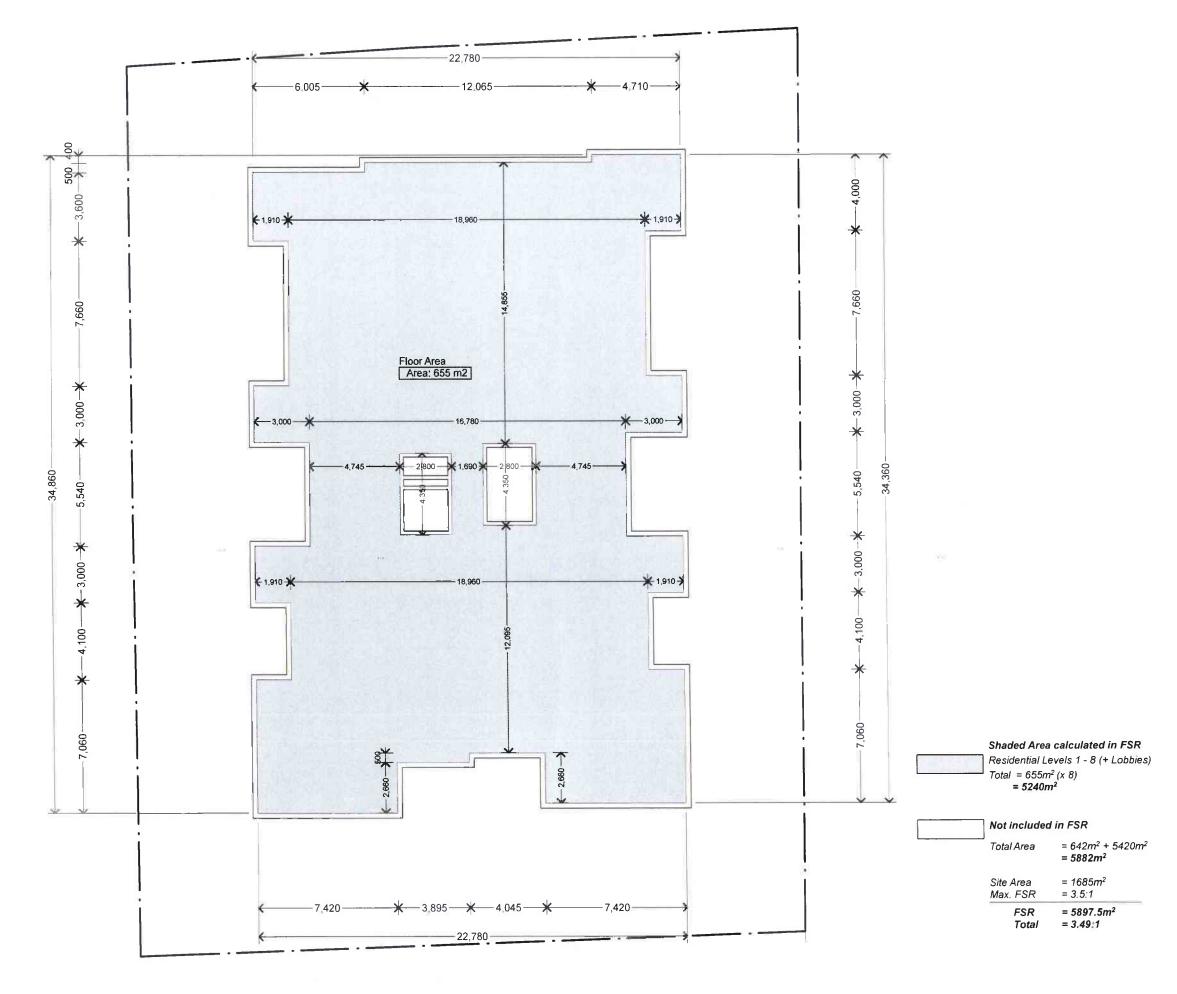
DOUBLE CLAZED WINDOWS TO UNIT 63 ONLY

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AIR GELL FOIL BUBBLE WRAP ANTIGLARE ONE SIDE TO CEILING OF UNIT'S 3 ONLY

WEATHER SEALS TO ALL EXTERNAL WINDOWS AND DOORS

29 & 29A Campbell Street Talente Control High Rise Development
70 Units over 2 Levels of Basement False

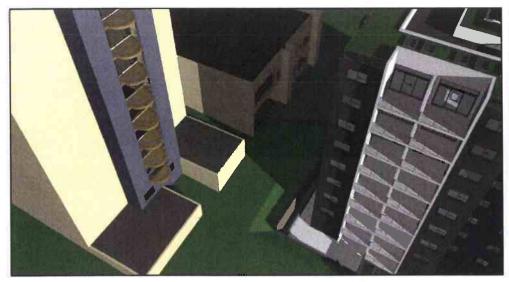


04/11/2011 Revised Architectural Plans as per Councils letter dated 26:09/2011 JRFP meeting on 29/09/2011 and Urban Design comments



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- 1 PHASE AR CONDITIONING 1 STAR (COOLING & HEATING)
- GAS COOKTOP & ELECTRIC OVEN



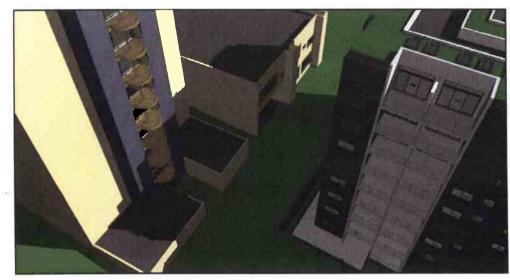
9:00am Elevational Shadow based on June 21st



10:00am Elevational Shadow based on June 21st



11:00am Elevational Shadow based on June 21st



12:00pm Elevational Shadow based on June 21st

04/11/2011 Revised Architectural Plans as per Councils letter dated 26/09/2011



1:00pm Elevational Shadow based on June 21st



2:00pm Elevational Shadow based on June 21st

3D Shadow Analysis of 29 & 29A Campbell Street (from the rear) onto neighbouring properties at 22 Great Western Highway, Parramatta



3:00pm Elevational Shadow based on June 21st



one. All work to be carmed out in accordance with DCA, SAA & Councils conditions. Copyright:The concepts & information conclaimed in these disparages are the copyright of identification of all pair or displacation in part or in this without written permission of lendinghisms Py Lad constitutes an infringerent of copyright. Con od scale of introduction diswarps, These notes must be all in conjunction with colours selection for additional details on appliances. PC terms & shower sizes shown on plan are made hob dimensions shower scients to be fitted on inside of hos diseases, and the conjunction with colours selection for additional details on appliances. PC terms & shower sizes shown on plan are made hob dimensions shower scients to be fitted on inside of hos diseases. The required of accommodate dismage fines is skeep beams position to be determined on set. Use figured dimensions, by, do not scale. Finished ground levels on plans are abject to set conditions all calculated dimensions are subject to set measure during construction 3 on allowance has been made for shrinkage or militing position of electrical matter to be termined on set on accordance to the turnet position front garden top on meet Finesyry Simant Design; AAA rared divide water conservations are to be used on this development. Occupants are encouraged to a AAA raised divide washing machines with first loading where possible, Overderbuilder must read all plans in conjocition with the ABA basic report.

THE OWNER / BUILDER MUST READ ALE PLANS IN CONJUNCT
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ALL SHOWERHEADS KITCHEN TAPS BATHROOM TAPS
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NOTION WITH THE ABSA & BASIA REPORT, (APPLIES TO ALL UNRELLING.)

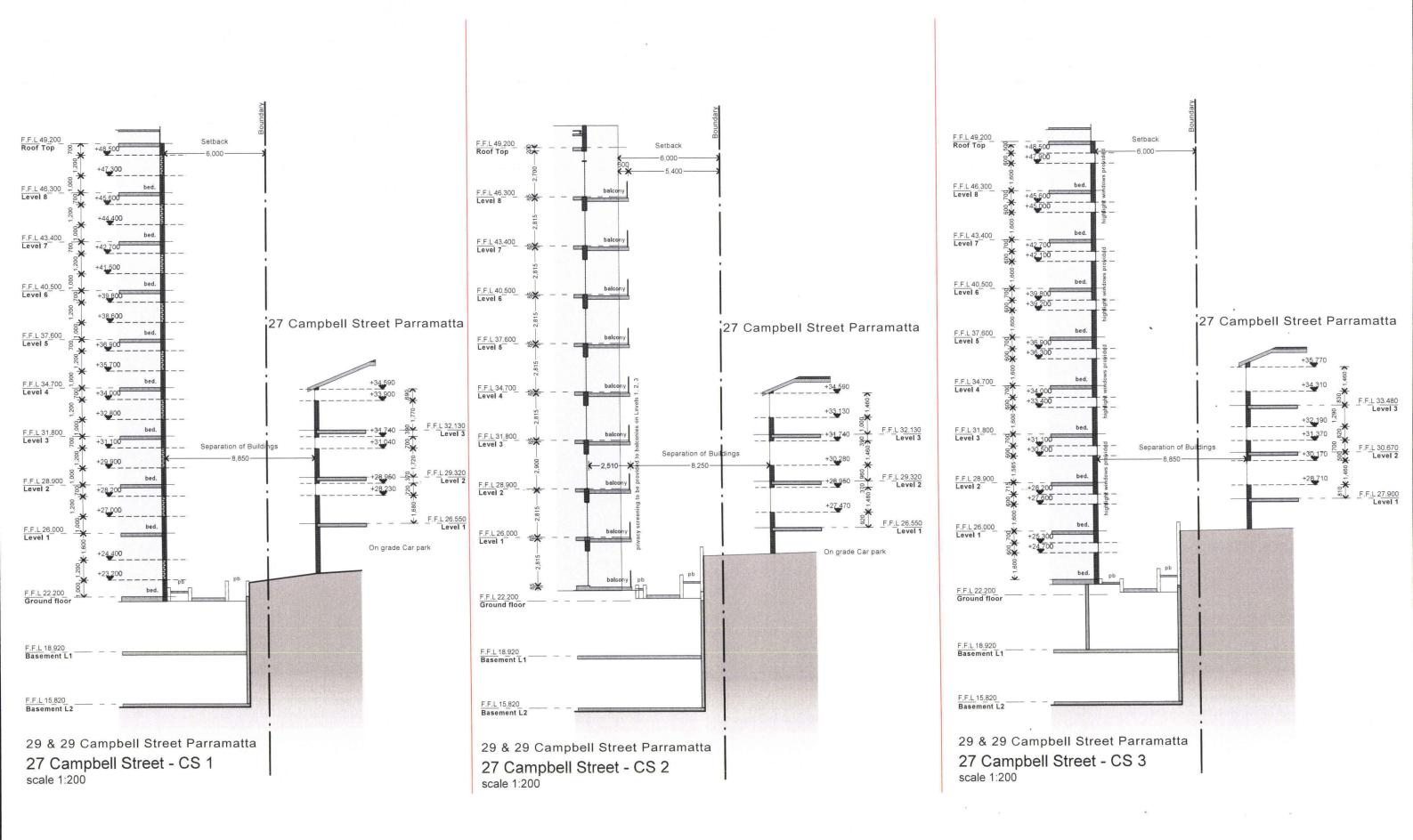
- DOUBLE GLAZED WINDOWS TO UNIT 63 ONLY

- AIR CELL FOIL BUBBLE WRAP, ANTIGLARE ONE SIDE TO CAVITY BRICK WALLS 10 UNITS 1 3 4 66 & 67 ONLY.

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- WEATHER SEALS TO ALL EXTERNAL WINDOWS AND DOORS.

29 & 29A Campbell Size High Rise Development 70 Units over 2 Levels of Bassic Elevational Shadows

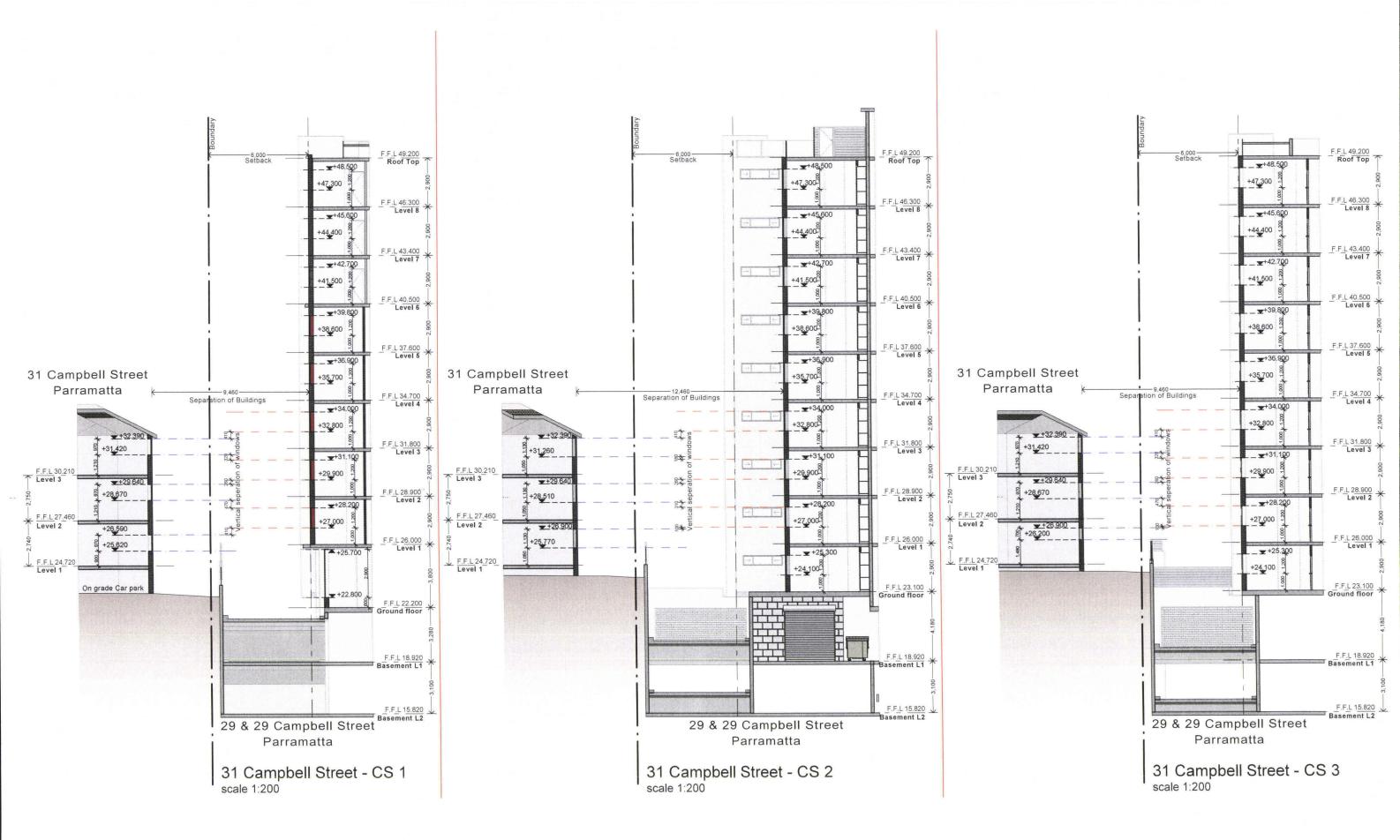


Cross Sections 01, 02 & 03 through 29, 29A & 27 Campbell Street

04/11/2011 Revised Architectural Plans as per Councils letter dated 26/0



70 Units over 2 Levels of Ba



S. Atalah Parramatta City Council ALL PLANS TO BE READ IN CONJUNCTION

Cross Sections 01, 02 & 03 through 29, 29A & 31 Campbell Street

04/11/2011 Revised Architectural Plans as per Councils letter dated 26/ RPP meeting on 29/09/2011 and Urban Design comme



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THE OWNER / BUILDER MUST READ ALL PLANS IN CONJUNCTION WITH THE ABSA & BASIX REPORT. (APPLIES TO ALL DV ALL TOILET FLUSHING SYSTEMS MINIMUM 4 STAR RATING

29 & 29A Campbell Stree High Rise Development -70 Units over 2 Levels of Bas