1- A second electrical substation is proposed due to the electrical requirments of the building as requested by the electrical engineer. 2- EF-04, EF-05 & EF-06: the "painted concrete" is replaced with "render paint" as specified in the legend of the schedule of finishes.

3- Retail 05 - on ground floor level: The external wide entry ramp to retail 05 has been enclosed to be an internal space within the shop with a narrower internal ramp.

4- The void space which is adjacent to retail 03 on ground floor level has been removed and that space has been allocated to retail 03. 5- Highlight windows W66, W67 and W68 have been added to retails 03 and retail 05 on lower ground floor to bring natural light into the retails. 6- Unit LG12: The internal storage has been relocated to either sides of the TV unit, replaced with a powder room with minor adjustments to the layout of the unit.

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9- Unit LG01: The external wall of the living room has been pushed out 500 mm to improve the internal layout of the unit.

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12- Unit L1.04: The surface area of this unit has increase by 18.63 m2. The internal layout has been amended and an additional balcony is proposed.

13- The roof is extended over the new extension of unit L1.04.

14- Unit L1.11: internal amendments to floor plan to avoid drainage of bathrooms inside lift 01 overrun below.

Floor level	GFA approved	GFA Proposed
Level 01 Ground floor Lower Ground Basement 02 Basement 03 Basement 04	1680 m2 2734 m2 2759 m2 3140 m2 4283 m2 4283 m2	1721 m2 2838 m2 2782 m2 3140 m2 4283 m2 4283 m2
Total GFA	18879 m2	19047 m2

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Total GFA	18879 m2	19047 m2



FRL OF BUILDING ELEMENTS	
TYPE A CLASS 2 CONSTRUCTION - U	JNITS
TYPE A CLASS 7 CONSTRUCTION - CA	RPARK
DEFINITIONS (as BCA)	-
STRUCTURAL ADEQUACY, in relation to means the ability to maintain stability and a load bearing capacity as determined by as	dequate

INTEGRITY, in relation to an FRL, means the ability to resist passage of flames and hot gases specified in as 1530.4 INSULATION, in relation to an FRL, means the ability to maintain a temperature on the surface not exposed to the furnace below the limits specified in as 1530.4.

FRL (in minutes) Structural Adequacy/ BUILDING ELEMENT REFER TO BCA PART C3 SPEC. C1.1 CLAUSE C 3.1 Table 3 EXTERNAL WALL (including any column and other building element incorporated there in) or other external building element, where the distance from any fire source feature to which it is exposed is -

uilding Element – Type A Construction	Class 2	Class 7a	Class 6
oadbearing External Walls			
 Less than 1.5m from a FSF 	90/90/90	120/120/120	180/180/180
 1.5 - 3m from a FSF 	90/60/60	120/90/90	180/180/120
 3m or more from a FSF 	90/60/30	120/60/30	180/120/90
on-Loadbearing External Walls			
 Less than 1.5m from a FSF 	-/90/90	-/120/120	-/180/180
 1.5 - 3m from a FSF 	-/60/60	-/90/90	-/180/120
 3m or more from a FSF 	-/-/-	-/-/-	-/-/-
xternal Columns (not incorporated into an external			
vall)			
- Loadbearing	90/-/-	120/-/-	180/-/-
 Non-loadbearing 	-/-/-	-/-/-	-/-/-
ommon Walls and Fire Walls	90/90/90	120/120/120	180/180/180

Building Element – Type A Construction	Class 2	Class 7a	Class 6
Internal Walls - Fire resisting lift and stair shafts –			
- Loadbearing	90/90/90	120/120/120	180/120/120
 Non-loadbearing 	-/90/90	-/120/120	-/120/120
Internal Walls – Bounding public corridors, public			
lobbies and the like –			
- Loadbearing	90/90/90	120/-/-	180/-/-
 Non-loadbearing 	-/60/60	-/-/-	-/-/-
Internal Walls – Between or bounding sole-occupancy			
units –			
- Loadbearing	90/90/90	120/-/-	180/-/-
 Non-loadbearing 	-/60/60	-/-/-	-/-/-
Internal Walls – Ventilating, pipe, garbage and the like			
shafts not used for the discharge of hot products of			
combustion –			
- Loadbearing	90/90/90	120/90/90	180/120/120
 Non-loadbearing 	-/90/90	-/90/90	-/120/120
Other loadbearing internal walls, internal beams,	90/-/-	120/-/-	180/-/-
trusses and columns			
Floors	90/90/90	120/120/120	180/180/180
Roofs	90/60/30	120/60/30	180/60/30

DOORS
Fire stair doors - self-closing
Entry doors to sole-occupancy units - self closing
Lift landing doors
Doors to Electrical cupboards
Garbage Room hopper doors

-/60/30 -/60/30 -/60/-Non combustib -/60/30

ALL CONTRACTOR, MANUFACTURES AND WORKERS TO PROVIDE THE WORKS AS PER CURRENT BCA AND AUSTRALIAN STANDARDS

DETAILS AND REQUIREMENTS.

BUILDING CODE OF AUSTRALIA COMPLIANCE PROVISIONS SECTION B STRUCTURE - B1.2 - AS1170 Structural loads

- B1.3 - AS3600 AS3700 AS4100 Structural design - B1.4 – AS 3600 Materials & Forms Constructions

- SECTION C FIRE RESISTANCE - C1.1 - Spec. C1.1 Fire Resisting Construction - C1.8 – Spec. C1.8 Lightweight construction - C1.10 - Spec. C1.10 Compliance with fire hazard properties - C2.6 – Vertical Separation of Openings in External walls - C2.7 – Separation of fire compartments - C2.10 – Spec. C1.1 Separation of lift shafts
- C2.12 Separation of equipment - C2.13 – Electricity Supply System
- D2.17 Handrails - D2.20 - Swinging Doors

- D2.14 – Landings

- D2.15 - Thresholds

- D2.16 – Balustrades

4 or more

- D2.21 - Operation of latch - D2.23 - Sign on doors

- C3.2 - Clause C3.4 Protection of openings

- C3.10 – AS 1735.11 Fire doorsets to lift shafts

- C3.12 & C3.15 – Fire sealing of penetrations

- D2.4 - Separation of rising & descending flights

- D2.8 - Spec. C1.1 & Spec. C3.4 Enclosures under

- D2.7 – Installations in exits and paths of travel

- C3.8 – Opening in Fire Isolated Exits

SECTION D ACCESS AND EGRESS

of Class 2 & 3

- D1.10 – Discharge from Exits

stairways

- D2.13 - Goings & Risers

- C3.4 – Acceptable Methods of protection (of openings)

- C3.11 – Spec. C1.1 & Spec. C3.4 Bounding construction

- Table A spec. C1.1 – AS 1530.4 Fire resistance levels

Rise in storeys Class of building 2, 3, or 9 Class of building 5, 6, 7or 8

- D2.24 - Protection OF openable windows - D3.2 – AS1428.1 General Building access requirements - D3.3 – Parts of Building to be Accessible

- D3.5 – AS1428.1 Disable carparking - D3.6 - AS1428.1 & Spec. D3.6 Signage for accessible facilities, Service & Features - D3.8 - AS/NZS 1428.4.1 Tactile indicators

SECTION E SERVICES AND EQUIPMENT

- E1.3 – AS 2419.1 Hydrant system - E1.4 – AS 2441 Hose reel system - E1.5 – AS 2118.1, AS 2118.4, AS2118.9 & Spec. E1.5

Sprinkler system - E1.6 – AS 2444 Portable fire extinguishers - E2.2 - Table E2.2a – Spec. E2.2a Smoke detection and alar

- E3.2 – Stretcher facility in lifts E3.3 – Warning Sign
E3.6 – AS 1735.12 Facilities for disabilities - E3.7, E3.9 & E3.10 – Fire service controls

- E4.2/E4.4 – AS/NZS 2293.1 Emergency lighting - E4.6/E4.8 – AS/NZS 2293.1 Exit Signs

S-05

S-03a

- F5.5 - AS/NZS 1276.1 or Spec. F5.2 Sound insulation rating of walls - F5.6 – AS/NZS 1276.1 or Spec. F5.2 Sound insulation rating of services - F5.7 – AS/NZS 1276.1 or Spec. F5.2 Sound insulation rating of pumps

rating of floors

SECTION G ANCILLARY PROVISIONS - NSW G1.101– Provision of cleaning of windows

- F5.4 - AS/NZS 1276.1 or Spec. F5.2 Sound insulation

SECTION HEALTH AND AMENITY

- F1.4 – External waterproofing

- F1.9/ F1.10 - Damp proofing

- F3.1 – Height of rooms

- F4 - Lighting and Ventilation

- F1.11 - Provision of floor wastes

- F4.4 – AS/NZS 1680 Artificial lighting

- F4.5 – AS 1668.2 Mechanical ventilation

- F1.1 – AS/3500.3.2 Stormwater drainage

- F1.7 – AS 3740 Waterproofing of wet areas

- F2.5 - Construction of sanitary compartments

	SCALE 1:100 @A1 1
EGENDS SETOUT POINT ACC AIR CONDENSER AL ALUMINUM ANGLE B BOLLARD TO AS2890.6 BT/FW BOUNDARY TRAP FLOOR WASTE DP DOWNPIPE E ELECTRICAL RISER CUPBOARDS FH FIRE HYDRANIT FHRE HYDRANIT FHRE HOSE REEL FW FLOOR WASTE GTD GRATED DRAIN P LLOR WASTE GTD GRATED DRAIN FM MECHANICAL RISER MSB MAIN SWITCHBOARD T TACTILES OF OVERFLOW MVO RAINWATER OUTLET ST STORAGE H HYDRAULIC RISER CUPBOARDS W HEELSTOP TO AS2890.1 THERMAL PERFORMANCE SPECIFICATIONS MOTE: REFER TO BASIX CERTIFICATE NUMBER 1061176M_03 FOR DETAILS AND SPECIFICATION	PROJECT 28 Lockwood avenue, BELROSE NSW 2085 DRAWING Lower ground floor plan DATE JAN 2024 DRAWN JS CHECK NL SCALE 1:200 @A1 Sheet Size DWG NO. DA-104 ISSUE STATUS JOB NO.

1- A second electrical substation is proposed due to the electrical requirments of the building as requested by the electrical engineer. 2- EF-04, EF-05 & EF-06: the "painted concrete" is replaced with "render paint" as specified in the

legend of the schedule of finishes. 3- Retail 05 - on ground floor level: The external wide entry ramp to retail 05 has been enclosed to be an internal space within the shop with a

narrower internal ramp. 4- The void space which is adjacent to retail 03 on ground floor level has been removed and that space has been allocated to retail 03. 5- Highlight windows W66, W67 and W68 have been added to retails 03 and retail 05 on lower ground floor to bring natural light into the retails. 6- Unit LG12: The internal storage has been relocated to either sides of the TV unit, replaced with a powder room with minor adjustments to the layout of the unit.

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Floor level	GFA approved	GFA Proposed
Level 01 Ground floor Lower Ground Basement 02 Basement 03 Basement 04	1680 m2 2734 m2 2759 m2 3140 m2 4283 m2 4283 m2	1721 m2 2838 m2 2782 m2 3140 m2 4283 m2 4283 m2
Total GFA	18879 m2	19047 m2





FRL OF BUILDING ELEMENTS
TYPE A CLASS 2 CONSTRUCTION - UNITS
TYPE A CLASS 7 CONSTRUCTION - CARPARK
DEFINITIONS (as BCA)
STRUCTURAL ADEQUACY, in relation to an FRL, means the ability to maintain stability and adequate load bearing capacity as determined by as 1530.4.
INTEGRITY, in relation to an FRL, means the ability to resist passage of flames and hot gases specified in as 1530.4
INSULATION, in relation to an FRL, means the ability to

maintain a temperature on the surface not exposed to the

furnace below the limits specified in as 1530.4

FRL (in minutes) Structural Adequacy/ BUILDING ELEMENT REFER TO BCA PART C3 SPEC. C1.1 CLAUSE C 3.1 Table 3 EXTERNAL WALL (including any column and other building element incorporated there in) or other external building element, where the distance from any fire source feature to which it is exposed is -

Building Element – Type A Construction	Class 2	Class 7a	Class 6
Loadbearing External Walls			
 Less than 1.5m from a FSF 	90/90/90	120/120/120	180/180/180
 1.5 - 3m from a FSF 	90/60/60	120/90/90	180/180/120
 3m or more from a FSF 	90/60/30	120/60/30	180/120/90
Non-Loadbearing External Walls			
 Less than 1.5m from a FSF 	-/90/90	-/120/120	-/180/180
 1.5 - 3m from a FSF 	-/60/60	-/90/90	-/180/120
 3m or more from a FSF 	-/-/-	-/-/-	-/-/-
External Columns (not incorporated into an external			
wall)			
- Loadbearing	90/-/-	120/-/-	180/-/-
 Non-loadbearing 	-/-/-	-/-/-	-/-/-
Common Walls and Fire Walls	90/90/90	120/120/120	180/180/180

Building Element – Type A Construction	Class 2	Class 7a	Class 6
Internal Walls - Fire resisting lift and stair shafts –			
- Loadbearing	90/90/90	120/120/120	180/120/120
- Non-loadbearing	-/90/90	-/120/120	-/120/120
Internal Walls – Bounding public corridors, public			
lobbies and the like –			
- Loadbearing	90/90/90	120/-/-	180/-/-
 Non-loadbearing 	-/60/60	-/-/-	-/-/-
Internal Walls – Between or bounding sole-occupancy			
units –			
- Loadbearing	90/90/90	120/-/-	180/-/-
 Non-loadbearing 	-/60/60	-/-/-	-/-/-
Internal Walls – Ventilating, pipe, garbage and the like			
shafts not used for the discharge of hot products of			
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DETAILS AND REQUIREMENTS. BUILDING CODE OF AUSTRALIA COMPLIANCE PROVISIONS

SECTION B STRUCTURE - B1.2 – AS1170 Structural loads - B1.3 - AS3600 AS3700 AS4100 Structural design

- B1.4 – AS 3600 Materials & Forms Constructions SECTION C FIRE RESISTANCE - C1.1 - Spec. C1.1 Fire Resisting Construction - C1.8 – Spec. C1.8 Lightweight construction - C1.10 - Spec. C1.10 Compliance with fire hazard properties

- C2.6 – Vertical Separation of Openings in External walls - C2.7 – Separation of fire compartments - C2.10 – Spec. C1.1 Separation of lift shafts - C2.12 - Separation of equipment - C2.13 - Electricity Supply System

- C3.4 – Acceptable Methods of protection (of openings) - C3.8 – Opening in Fire Isolated Exits - C3.10 – AS 1735.11 Fire doorsets to lift shafts - C3.11 – Spec. C1.1 & Spec. C3.4 Bounding construction of Class 2 & 3 - C3.12 & C3.15 – Fire sealing of penetrations - Table A spec. C1.1 – AS 1530.4 Fire resistance levels Rise in storeys Class of building 2, 3, or 9 Class of building 5, 6, 7or 8 4 or more

- C3.2 – Clause C3.4 Protection of openings

SECTION D ACCESS AND EGRESS - D1.10 – Discharge from Exits - D2.4 - Separation of rising & descending flights - D2.7 – Installations in exits and paths of travel

- D2.8 - Spec. C1.1 & Spec. C3.4 Enclosures under stairways - D2.13 - Goings & Risers

- D2.14 Landings - D2.15 - Thresholds
- D2.16 Balustrades - D2.17 – Handrails
- D2.20 Swinging Doors
- D2.21 Operation of latch - D2.23 - Sign on doors

- D2.24 - Protection OF openable windows - D3.2 – AS1428.1 General Building access requirements - D3.3 – Parts of Building to be Accessible

- D3.5 – AS1428.1 Disable carparking - D3.6 - AS1428.1 & Spec. D3.6 Signage for accessible

facilities, Service & Features - D3.8 - AS/NZS 1428.4.1 Tactile indicators

SECTION E SERVICES AND EQUIPMENT

- E1.3 – AS 2419.1 Hydrant system - E1.4 – AS 2441 Hose reel system - E1.5 – AS 2118.1, AS 2118.4, AS2118.9 & Spec. E1.5 Sprinkler system

- E1.6 – AS 2444 Portable fire extinguishers - E2.2 - Table E2.2a – Spec. E2.2a Smoke detection and alar system - E3.2 – Stretcher facility in lifts

E3.3 – Warning Sign
E3.6 – AS 1735.12 Facilities for disabilities - E3.7, E3.9 & E3.10 – Fire service controls - E4.2/E4.4 – AS/NZS 2293.1 Emergency lighting - E4.6/E4.8 – AS/NZS 2293.1 Exit Signs

S-05

S-04a DA-302

S-03a CC-006

SECTION HEALTH AND AMENITY - F1.1 – AS/3500.3.2 Stormwater drainage

- F1.4 External waterproofing - F1.7 – AS 3740 Waterproofing of wet areas
- F1.9/ F1.10 Damp proofing
- F1.11 Provision of floor wastes - F2.5 - Construction of sanitary compartments
- F3.1 Height of rooms
- F4 Lighting and Ventilation - F4.4 – AS/NZS 1680 Artificial lighting
- F4.5 AS 1668.2 Mechanical ventilation
- F5.4 AS/NZS 1276.1 or Spec. F5.2 Sound insulation rating of floors - F5.5 - AS/NZS 1276.1 or Spec. F5.2 Sound insulation rating of walls - F5.6 – AS/NZS 1276.1 or Spec. F5.2 Sound insulation
- rating of services F5.7 AS/NZS 1276.1 or Spec. F5.2 Sound insulation rating of pumps

SECTION G ANCILLARY PROVISIONS - NSW G1.101– Provision of cleaning of windows

		SCALE 1:00 @A1 0 1m 5m 1 5m 1 1m 1m 1 1m 1m
EGENI A/C AL B B B F/FW DDO E FHR FW GTD LP M MSB T OF RWO ST H WS	DS SETOUT POINT AIR CONDENSER ALUMINUM ANGLE BOLLARD TO ASS90.6 BOUNDARY TRAP FLOOR WASTE DOWPIPE DISH DRAIN OUTLET ELECTRICAL RISER CUPBOARDS FIRE HYDRANT FIRE HOSE REEL FLOOR WASTE GRATED DRAIN LIGHT POLE MECHANICAL RISER MAIN SWITCHBOARD TACTILES OVERFLOW RAINWATER OUTLET STORAGE HYDRAULIC RISER CUPBOARDS WHEELSTOP TO AS2890.1 THERMAL PERFORMANCE SPECIFICATIONS INTE: REFER TO BASIX CERTIFICATE NUMBER 1061176M_03 FOR DETAILS AND SPECIFICATION	PROJECT 28 Lockwood avenue, BELROSE NSW 2085 DRAWING ground floor plan DATE JAN 2024 DRAWN JS CHECK NL SCALE 1:200 @A1 Sheet Size DWG NO. DA-105 ISSUE STATUS JOB NO.

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replaced with "render paint" as specified in the legend of the schedule of finishes.

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Total GFA	18879 m2	19047 m2



FRL OF BUILDING ELEMENTS
TYPE A CLASS 2 CONSTRUCTION - UNITS
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STRUCTURAL ADEQUACY, in relation to an FRL, means the ability to maintain stability and adequate load bearing capacity as determined by as 1530.4.
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resist passage of flames and hot gases specified in as 1530.4 INSULATION, in relation to an FRL, means the ability to maintain a temperature on the surface not exposed to the furnace below the limits specified in as 1530.4.

3UILDING ELEMENT FRL Integ	(in minute: grity/Insulat	s) Structural <i>i</i> tion	Adequacy/	
EFER TO BCA PART C3 SPEC. C1.1 CLAUSE C 3.1 Table 3				
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uilding Element – Type A Construction	Class 2	Class 7a	Class 6	

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oadbearing External Walls			
 Less than 1.5m from a FSF 	90/90/90	120/120/120	180/180/180
 1.5 - 3m from a FSF 	90/60/60	120/90/90	180/180/120
 3m or more from a FSF 	90/60/30	120/60/30	180/120/90
Ion-Loadbearing External Walls			
 Less than 1.5m from a FSF 	-/90/90	-/120/120	-/180/180
 1.5 - 3m from a FSF 	-/60/60	-/90/90	-/180/120
 3m or more from a FSF 	-/-/-	-/-/-	-/-/-
xternal Columns (not incorporated into an external			
vall)			
 Loadbearing 	90/-/-	120/-/-	180/-/-
 Non-loadbearing 	-/-/-	-/-/-	-/-/-
ommon Walls and Fire Walls	90/90/90	120/120/120	180/180/180



DOORS
Fire stair doors - self-closing
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-/60/30 -/60/30 -/60/-Non combustib -/60/30



ALL CONTRACTOR, MANUFACTURES AND
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SECTION D ACCESS AND EGRESS

of Class 2 & 3

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- D2.24 - Protection OF openable windows - D3.2 – AS1428.1 General Building access requirements

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facilities, Service & Features - D3.8 - AS/NZS 1428.4.1 Tactile indicators

SECTION E SERVICES AND EQUIPMENT

- E1.3 – AS 2419.1 Hydrant system - E1.4 – AS 2441 Hose reel system - E1.5 – AS 2118.1, AS 2118.4, AS2118.9 & Spec. E1.5 Sprinkler system

- E1.6 – AS 2444 Portable fire extinguishers - E2.2 - Table E2.2a – Spec. E2.2a Smoke detection and alar system

- E3.2 – Stretcher facility in lifts E3.3 – Warning Sign
E3.6 – AS 1735.12 Facilities for disabilities - E3.7, E3.9 & E3.10 - Fire service controls

- E4.2/E4.4 – AS/NZS 2293.1 Emergency lighting - E4.6/E4.8 – AS/NZS 2293.1 Exit Signs

S-05

S-03a CC-006

SECTION HEALTH AND AMENITY - F1.1 – AS/3500.3.2 Stormwater drainage

- F1.4 External waterproofing - F1.7 – AS 3740 Waterproofing of wet areas
- F1.9/ F1.10 Damp proofing
- F1.11 Provision of floor wastes - F2.5 - Construction of sanitary compartments
- F3.1 Height of rooms
- F4 Lighting and Ventilation
 F4.4 AS/NZS 1680 Artificial lighting
- F4.5 AS 1668.2 Mechanical ventilation
- F5.4 AS/NZS 1276.1 or Spec. F5.2 Sound insulation rating of floors - F5.5 - AS/NZS 1276.1 or Spec. F5.2 Sound insulation rating of walls
- F5.6 AS/NZS 1276.1 or Spec. F5.2 Sound insulation rating of services - F5.7 – AS/NZS 1276.1 or Spec. F5.2 Sound insulation rating of pumps

SECTION G ANCILLARY PROVISIONS - NSW G1.101– Provision of cleaning of windows

	SCALE 1:100 @A1 0 1 0 1 0 1 0 1 0 1 1
EGENDS SETOUT POINT ACC AIR CONDENSER AL ALUMINUM ANGLE B BOLLARD TO AS2890.6 STIFWE BOUNDARY TRAP FLOOR WASTE DO DISH DRAIN OUTLET E ELECTRICAL RISER CUPBOARDS FH FIRE HYDRANT FF FIRE HYDRANT FF FIRE HYDRANT FW FLOOR WASTE STD GRATED DRAIN LP LIGHT POLE MAIN SWITCHBOARD T TACTILES DF OVERFLOW RWO RAINWATER OUTLET STO GRADE H HYDRAULIC RISER CUPBOARDS W HEELSTOP TO AS2890.1 THERMAL PERFORMANCE SPECIFICATIONS MOTE: REFER TO BASIX CERTIFICATE NUMBER 1061176M_03 FOR DETAILS AND SPECIFICATION	PROJECT 28 Lockwood avenue, BELROSE NSW 2085 DRAWING Level 01 plan DATE JAN 2024 DRAWN JS CHECK NL SCALE 1:200 @A1 Sheet Size DWG NO. DA-106 ISSUE STATUS JOB NO.

1- A second electrical substation is proposed due to the electrical requirments of the building as requested by the electrical engineer. 2- EF-04, EF-05 & EF-06: the "painted concrete" is replaced with "render paint" as specified in the

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12- Unit L1.04: The surface area of this unit has increase by 18.63 m2. The internal layout has been amended and an additional balcony is proposed.

13- The roof is extended over the new extension of unit L1.04.

14- Unit L1.11: internal amendments to floor plan to avoid drainage of bathrooms inside lift 01 overrun below.

Floor level	GFA approved	GFA Proposed
Level 01 Ground floor Lower Ground Basement 02 Basement 03 Basement 04	1680 m2 2734 m2 2759 m2 3140 m2 4283 m2 4283 m2	1721 m2 2838 m2 2782 m2 3140 m2 4283 m2 4283 m2
Total GFA	18879 m2	19047 m2

oor level	GFA approved	GFA Proposed
evel 01	1680 m2	1721 m2
round floor	2734 m2	2838 m2
ower Ground	2759 m2	2782 m2
asement 02	3140 m2	3140 m2
asement 03	4283 m2	4283 m2
asement 04	4283 m2	4283 m2
otal GFA	18879 m2	19047 m2

FRL OF BUILDING ELEMENTS
TYPE A CLASS 2 CONSTRUCTION - UNITS
TYPE A CLASS 7 CONSTRUCTION - CARPARK
DEFINITIONS (as BCA)
STRUCTURAL ADEQUACY, in relation to an FRL, means the ability to maintain stability and adequate load bearing capacity as determined by as 1530.4.
INTEGRITY, in relation to an FRL, means the ability to resist passage of flames and hot gases specified in as 1530.4
INSULATION, in relation to an FRL, means the ability to maintain a temperature on the surface not exposed to the furnace below the limits specified in as 1530.4.

BUILDING ELEMENT FRL (in minutes) Structural Adequacy/ Integrity/Insulation			Adequacy/	
REFER TO BCA PART C3 SPEC. C1.	REFER TO BCA PART C3 SPEC. C1.1 CLAUSE C 3.1 Table 3			
EXTERNAL WALL (including any column and other building element incorporated there in) or other external building element, where the distance from any fire source feature to which it is exposed is -				
Building Element – Type A Construction	Class 2	Class 7a	Class 6	
Loadbearing External Walls				
 Less than 1.5m from a FSF 	90/90/90	120/120/120	180/180/180	
 1.5 - 3m from a FSF 	90/60/60	120/90/90	180/180/120	
 3m or more from a FSF 	90/60/30	120/60/30	180/120/90	
Non-Loadbearing External Walls				
 Less than 1.5m from a FSF 	-/90/90	-/120/120	-/180/180	
4.5. 3	100100	11	(

Building Element – Type A Construction	Class 2	Class 7a	Class 6
Loadbearing External Walls			
 Less than 1.5m from a FSF 	90/90/90	120/120/120	180/180/180
 1.5 - 3m from a FSF 	90/60/60	120/90/90	180/180/120
 3m or more from a FSF 	90/60/30	120/60/30	180/120/90
Non-Loadbearing External Walls			
 Less than 1.5m from a FSF 	-/90/90	-/120/120	-/180/180
 1.5 - 3m from a FSF 	-/60/60	-/90/90	-/180/120
 3m or more from a FSF 	-/-/-	-/-/-	-/-/-
External Columns (not incorporated into an external			
wall)			
- Loadbearing	90/-/-	120/-/-	180/-/-
 Non-loadbearing 	-/-/-	-/-/-	-/-/-
Common Walls and Fire Walls	90/90/90	120/120/120	180/180/180



D	
0	DOORS Fire stair doors - self-closing Entry doors to sole-occupancy units - self closing Lift landing doors Doors to Electrical cupboards Garbage Room hopper doors



Lift - 04 overrun +166,100 Mechanical exhaust, (not a skylight) RK02 LOCKWOOD AVENUE Vertical privacy lou 1.2 m high SSL +164,900 S-06 CC-303 Lift - 02 overrun SSL +166,100 Sko2 GLEN STREET 0.00 20.00 20.00 20.00



S-03a

S-05 DA-301

ALL CONTRACTOR, MANUFACTURES AND WORKERS TO PROVIDE THE WORKS AS PER CURRENT BCA AND AUSTRALIAN STANDARDS

DETAILS AND REQUIREMENTS. BUILDING CODE OF AUSTRALIA COMPLIANCE PROVISIONS

SECTION B STRUCTURE - B1.2 – AS1170 Structural loads - B1.3 - AS3600 AS3700 AS4100 Structural design

- B1.4 – AS 3600 Materials & Forms Constructions SECTION C FIRE RESISTANCE - C1.1 - Spec. C1.1 Fire Resisting Construction - C1.8 – Spec. C1.8 Lightweight construction

- C1.10 - Spec. C1.10 Compliance with fire hazard properties - C2.6 – Vertical Separation of Openings in External walls - C2.7 – Separation of fire compartments - C2.10 – Spec. C1.1 Separation of lift shafts - C2.12 - Separation of equipment - C2.13 – Electricity Supply System

- C3.10 – AS 1735.11 Fire doorsets to lift shafts - C3.11 – Spec. C1.1 & Spec. C3.4 Bounding construction of Class 2 & 3 - C3.12 & C3.15 - Fire sealing of penetrations - Table A spec. C1.1 – AS 1530.4 Fire resistance levels Rise in storeys Class of building 2, 3, or 9 Class of building 5, 6, 7or 8 4 or more SECTION D ACCESS AND EGRESS - D1.10 – Discharge from Exits - D2.4 - Separation of rising & descending flights - D2.7 – Installations in exits and paths of travel

S-02 DA-301

- C3.2 - Clause C3.4 Protection of openings

- C3.8 – Opening in Fire Isolated Exits

- C3.4 – Acceptable Methods of protection (of openings)

- D2.8 - Spec. C1.1 & Spec. C3.4 Enclosures under stairways - D2.13 - Goings & Risers

- D2.14 Landings - D2.15 - Thresholds
- D2.16 Balustrades - D2.17 – Handrails
- D2.20 Swinging Doors
- D2.21 Operation of latch - D2.23 - Sign on doors

- D2.24 - Protection OF openable windows - D3.2 – AS1428.1 General Building access requirements - D3.3 – Parts of Building to be Accessible

- D3.5 – AS1428.1 Disable carparking - D3.6 - AS1428.1 & Spec. D3.6 Signage for accessible

facilities, Service & Features - D3.8 - AS/NZS 1428.4.1 Tactile indicators

SECTION E SERVICES AND EQUIPMENT - E1.3 – AS 2419.1 Hydrant system

- E1.4 – AS 2441 Hose reel system - E1.5 – AS 2118.1, AS 2118.4, AS2118.9 & Spec. E1.5 Sprinkler system

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- E4.2/E4.4 – AS/NZS 2293.1 Emergency lighting - E4.6/E4.8 – AS/NZS 2293.1 Exit Signs SECTION G ANCILLARY PROVISIONS - NSW G1.101– Provision of cleaning of windows

SECTION HEALTH AND AMENITY

- F1.4 – External waterproofing

- F1.9/ F1.10 - Damp proofing

- F3.1 – Height of rooms

- F4 - Lighting and Ventilation

- F1.11 - Provision of floor wastes

- F4.4 – AS/NZS 1680 Artificial lighting

- F4.5 - AS 1668.2 Mechanical ventilation

- F1.1 – AS/3500.3.2 Stormwater drainage

- F1.7 – AS 3740 Waterproofing of wet areas

- F2.5 - Construction of sanitary compartments

- F5.4 - AS/NZS 1276.1 or Spec. F5.2 Sound insulation

- F5.5 - AS/NZS 1276.1 or Spec. F5.2 Sound insulation

- F5.6 – AS/NZS 1276.1 or Spec. F5.2 Sound insulation

rating of services - F5.7 – AS/NZS 1276.1 or Spec. F5.2 Sound insulation

rating of floors

rating of walls

rating of pumps

	<u>SB</u> C-412	
(SAA) (CC-401)		
		SCALE 1: 100 @AI image: state s
A/C AIR AL ALU B BOL BT/FW BOU DP DOV DDO DISH E ELE FH FIRE FHR FIRE FW FLO GTD GRA LP LIGH M MEC OF OVE RWO RAIN ST STO H HYD WS WHE	OUT POINT CONDENSER MINUM ANGLE LARD TO AS2890.6 INDARY TRAP FLOOR WASTE WNPIPE 1 DRAIN OUTLET CTRICAL RISER CUPBOARDS E HYDRANT E HOSE REEL OR WASTE THOLE HANICAL RISER N SWITCHBOARD TILES REFLOW WWATER OUTLET PRAGE PRAULIC RISER CUPBOARDS EELSTOP TO AS2890.1 THERMAL PERFORMANCE SPECIFICATIONS TE: REFER TO BASIX CERTIFICATE NUMBER 1061176M_03 FOR DETAILS AND SPECIFICATION	PROJECT 28 Lockwood avenue, BELROSE NSW 2085 DRAWING Roof plan DATE JAN \ge 24 DRAWN JS CHECK NL SCALE 1:200 @A1 Sheet Size DWG NO. DA-107 ISSUE FOR SECTION 4.55 JOB NO.

1- A second electrical substation is proposed due to the electrical requirments of the building as requested by the electrical engineer. 2- EF-04, EF-05 & EF-06: the "painted concrete" is replaced with "render paint" as specified in the

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narrower internal ramp. 4- The void space which is adjacent to retail 03 on ground floor level has been removed and that space has been allocated to retail 03. 5- Highlight windows W66, W67 and W68 have been added to retails 03 and retail 05 on lower ground floor to bring natural light into the retails. 6- Unit LG12: The internal storage has been relocated to either sides of the TV unit, replaced with a powder room with minor adjustments to the layout of the unit.

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pr 13 13 13 13 14 15 15 15 15 15 15 15 15 15 15	EF-04 Finish: Render paint Product: Delux Othur: Delux Guild Grey	EF-07 Finish: Painted Metal Product: Metal Colour: Delux Black
of	EF-05	EF-08
14	Finish: Render paint	Finish: Glass
14	Deathct: Delux	Product: Glass
to an	Colour: Delux Ticking - Dark Grey	Colour: Clear
OV EF-03	EF-06	EF-09
PMish: Face Brick	Finish: Render paint	Finish: Glass
Product: Boral Brick	Product: Delux	Product: Glass
Colour: Contempo Madrid Blanco - White	Colour: Delux Leadman - Dark Grey	Colour: Grey

GFA approved GFA Proposed Floor level Level 01 1721 m2 1680 m2 2734 m2 2838 m2 Ground floor 2759 m2 2782 m2 Lower Ground 3140 m2 3140 m2 Basement 02 4283 m2 4283 m2 Basement 03 4283 m2 4283 m2 Basement 04 19047 m2 Total GFA 18879 m2

	AVE			
		BOUNDARY		+166,100
ROOF 164,900	00			
LEVEL 01 161,900	00			
GROUND 158,700				
LOWER GROUND 155,600	-			
BASEMENT 02 152,200	NORTH	ELEVATION - E04		
	1:200@		_	

FRL OF BUILDING ELEMENTS
TYPE A CLASS 2 CONSTRUCTION - UNITS
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DEFINITIONS (as BCA)
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BUILDING ELEMENT FRL (in minutes) Structural Adequacy/ Integrity/Insulation					
REFER TO BCA PART C3 SPEC. C1.1 CLAUSE C 3.1 Table 3					
EXTERNAL WALL (including any column and other building element incorporated there in) or other external building element, where the distance from any fire source feature to which it is exposed is -					
Building Element – Type A Construction	Class 2	Class 7a	Class 6	I	
Loadbearing External Walls	00/00/00	120/120/120	190/190/190		

suliding Element – Type A Construction	Class 2	Class 7a	Class 6	
oadbearing External Walls				Ī
 Less than 1.5m from a FSF 	90/90/90	120/120/120	180/180/180	
 1.5 - 3m from a FSF 	90/60/60	120/90/90	180/180/120	
 3m or more from a FSF 	90/60/30	120/60/30	180/120/90	
Ion-Loadbearing External Walls				
 Less than 1.5m from a FSF 	-/90/90	-/120/120	-/180/180	
 1.5 - 3m from a FSF 	-/60/60	-/90/90	-/180/120	
 3m or more from a FSF 	-/-/-	-/-/-	-/-/-	
xternal Columns (not incorporated into an external				
vall)				
- Loadbearing	90/-/-	120/-/-	180/-/-	
 Non-loadbearing 	-/-/-	-/-/-	-/-/-	
Common Walls and Fire Walls	90/90/90	120/120/120	180/180/180	

Building Element – Type A Construction	Class 2	Class 7a	Class 6
Internal Walls - Fire resisting lift and stair shafts –	00552	0.03370	00550
- Loadbearing	90/90/90	120/120/120	180/120/120
- Non-loadbearing	-/90/90	-/120/120	-/120/120
Internal Walls – Bounding public corridors, public	-750750	-7120/120	-/120/120
lobbies and the like -			
- Loadbearing	90/90/90	120/-/-	180/-/-
- Non-loadbearing	-/60/60	-/-/-	-/-/-
Internal Walls – Between or bounding sole-occupancy	1 - 1		
units –			
- Loadbearing	90/90/90	120/-/-	180/-/-
- Non-loadbearing	-/60/60	-/-/-	-/-/-
Internal Walls - Ventilating, pipe, garbage and the like			
shafts not used for the discharge of hot products of			
combustion -			
- Loadbearing	90/90/90	120/90/90	180/120/120
- Non-loadbearing	-/90/90	-/90/90	-/120/120
Other loadbearing internal walls, internal beams,	90/-/-	120/-/-	180/-/-
trusses and columns		120/-/-	100/-/-
Floors	90/90/90	120/120/120	180/180/180
Roofs	90/60/30	120/60/30	180/60/30

DOORS	
Fire stair doors - self-closing	
Entry doors to sole-occupancy units - self closing	
Lift landing doors	
Doors to Electrical cupboards	

-/60/30 -/60/30 -/60/-

			EF-01	EF-03	EF-05
ROOF 164,900	I_		CJ		
104,000				Λ	
LEVEL 01 161,900			•		
GROUND 158,700					
LOWER GROUND 155,600					
	NORTH EL 1:200@A1	EVATION - E01			









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(02)

Floor level	GFA approved	GFA Proposed
Level 01 Ground floor Lower Ground Basement 02 Basement 03 Basement 04	1680 m2 2734 m2 2759 m2 3140 m2 4283 m2 4283 m2	1721 m2 2838 m2 2782 m2 3140 m2 4283 m2 4283 m2
Total GFA	18879 m2	19047 m2

FRL OF BUILDING ELEMENTS TYPE A CLASS 2 CONSTRUCTION - UNITS	BUILDING ELEMENT	FRL (in minute Integrity/Insula	s) Structural tion	Adequacy/						
TYPE A CLASS 7 CONSTRUCTION - CARPARK	REFER TO BCA PART C3 SPEC	. C1.1 CLAUSE C	3.1 Table 3							
DEFINITIONS (as BCA)										
STRUCTURAL ADEQUACY. in relation to an FRL.	EXTERNAL WALL (including any column and other building element incorporated there in) or other external building element, where the distance from any fire source feature to which it is exposed is -			Building Element – Type A Construction	Class 2	Class 7a	Class 6			
means the ability to maintain stability and adequate load bearing capacity as determined by as 1530.4.				Internal Walls - Fire resisting lift and stair shafts – - Loadbearing - Non-loadbearing	90/90/90 -/90/90	120/120/120 -/120/120	180/120/120 -/120/120			
INTEGRITY, in relation to an FRL, means the ability to resist passage of flames and hot gases specified in as 1530.4	Building Element – Type A Construction Class 2 Class 7a Class 6				Internal Walls – Bounding public corridors, public lobbies and the like – - Loadbearing - Non-loadbearing	90/90/90 -/60/60	120/-/- -/-/-	180/-/- -/-/-	DOORS	
INSULATION, in relation to an FRL, means the ability to maintain a temperature on the surface not exposed to the furnace below the limits specified in as 1530.4.	Loadbearing External Walls - Less than 1.5m from a FSF - 1.5 - 3m from a FSF - 3m or more from a FSF	90/90/90 90/60/60 90/60/60 90/60/30 120/90/9 90/60/30 120/06/30 120/06/30 -/120/12 -/60/60 -/12/0/12 -/60/60 -/12/0/12	120/120/120 120/90/90 120/60/30	/120/120 180/180/180 0/90/90 180/180/120 0/60/30 180/120/90 120/120 -/180/180 /90/90 -/180/120	Internal Walls – Between or bounding sole-occupancy units – - Loadbearing - Non-loadbearing	90/90/90 -/60/60	120/-/- -/-/-	180/-/- -/-/-	Fire stair doors - self-closing Entry doors to sole-occupancy units - self closing	-/60/30 -/60/30
	Non-Loadbearing External Walls - Less than 1.5m from a FSF - 1.5 - 3m from a FSF - 3m or more from a FSF		-/120/120 -/90/90 -/-/-		Internal Walls – Ventilating, pipe, garbage and the like shafts not used for the discharge of hot products of combustion – - Loadbearing - Non-Loadbearing	90/90/90 -/90/90	120/90/90 -/90/90	180/120/120 -/120/120	Lift landing doors Doors to Electrical cupboards	-/60/- Non combustible
	External Columns (not incorporated into an e wall)				Other loadbearing internal walls, internal beams, trusses and columns	90/-/-	120/-/-	180/-/-	Garbage Room hopper doors	-/60/30
	 Loadbearing Non-loadbearing 	90/-/-	120/-/-	180/-/- -/-/-	Floors	90/90/90	120/120/120	180/180/180		
	Common Walls and Fire Walls	90/90/90	120/120/120	180/180/180	Roofs	90/60/30	120/60/30	180/60/30		
		·								

EF-01 EI	EF-02	EF-08 165,200	EF-06 EF-09	EF-08	(D-30)	EF-03
		158,000				

ROOF 164,900

LEVEL 01 161,900

GROUND 158,700

LOWER GROUND 155.600

BASEMENT 02 152,200





SECTION B STRUCTURE

- B1.2 – AS1170 Structural loads

SECTION C FIRE RESISTANCE

- C2.12 - Separation of equipment

- C2.13 - Electricity Supply System

- B1.3 - AS3600 AS3700 AS4100 Structural design

- B1.4 – AS 3600 Materials & Forms Constructions

- C1.10 - Spec. C1.10 Compliance with fire hazard properties

- C2.6 – Vertical Separation of Openings in External walls

- C1.1 - Spec. C1.1 Fire Resisting Construction

- C1.8 – Spec. C1.8 Lightweight construction

- C2.7 – Separation of fire compartments

- C2.10 - Spec. C1.1 Separation of lift shafts

- C3.10 – AS 1735.11 Fire doorsets to lift shafts - C3.11 – Spec. C1.1 & Spec. C3.4 Bounding construction BUILDING CODE OF AUSTRALIA COMPLIANCE PROVISIONS of Class 2 & 3 - C3.12 & C3.15 – Fire sealing of penetrations

- Table A spec. C1.1 – AS 1530.4 Fire resistance levels Rise in storeys Class of building 2, 3, or 9 Class of building 5, 6, 7or 8 4 or more A
SECTION D ACCESS AND EGRESS

- D1.10 – Discharge from Exits - D2.4 - Separation of rising & descending flights - D2.7 – Installations in exits and paths of travel

- D2.8 - Spec. C1.1 & Spec. C3.4 Enclosures under stairways - D2.13 - Goings & Risers

- D2.14 – Landings - D2.15 - Thresholds

- D2.16 – Balustrades - D2.17 – Handrails - D2.20 - Swinging Doors

- D2.21 - Operation of latch - D2.23 - Sign on doors

- D2.24 - Protection OF openable windows - D3.2 - AS1428.1 General Building access requirements

- D3.3 – Parts of Building to be Accessible - D3.5 – AS1428.1 Disable carparking - D3.6 - AS1428.1 & Spec. D3.6 Signage for accessible facilities, Service & Features

- D3.8 - AS/NZS 1428.4.1 Tactile indicators

SECTION E SERVICES AND EQUIPMENT - E1.3 – AS 2419.1 Hydrant system

- E1.4 – AS 2441 Hose reel system - E1.5 – AS 2118.1, AS 2118.4, AS2118.9 & Spec. E1.5 Sprinkler system - E1.6 – AS 2444 Portable fire extinguishers

- E2.2 - Table E2.2a – Spec. E2.2a Smoke detection and alar system - E3.2 – Stretcher facility in lifts

- E3.3 – Warning Sign - E3.6 – AS 1735.12 Facilities for disabilities - E3.7, E3.9 & E3.10 – Fire service controls - E4.2/E4.4 – AS/NZS 2293.1 Emergency lighting - E4.6/E4.8 – AS/NZS 2293.1 Exit Signs

1- A second electrical substation is proposed due to the electrical requirments of the building as requested by the electrical engineer. 2- EF-04, EF-05 & EF-06: the "painted concrete" is replaced with "render paint" as specified in the

legend of the schedule of finishes. 3- Retail 05 - on ground floor level: The external wide entry ramp to retail 05 has been enclosed to be an internal space within the shop with a narrower internal ramp.

4- The void space which is adjacent to retail 03 on ground floor level has been removed and that space has been allocated to retail 03. 5- Highlight windows W66, W67 and W68 have been added to retails 03 and retail 05 on lower ground floor to bring natural light into the retails. 6- Unit LG12: The internal storage has been relocated to either sides of the TV unit, replaced with a powder room with minor adjustments to the layout of the unit.

7- Unit LG13: The internal storage has been relocated to one side of the TV unit and replaced with a powder room.

8- Unit LG04: A third bedroom and a balcony has been added to this unit and the surface area of this unit has increase by 20.58 m2. The entry to this unit has been shifted away from lift 05 overrun, since the lift overrun extrudes 600 mm over the SSL of lower ground floor. This change is crutial for lift 05 to work.

9- Unit LG01: The external wall of the living room has been pushed out 500 mm to improve the internal layout of the unit.

10- Unit 1.12: The external north facing wall has been pushed out 2300 mm to improve the internal layout of the unit and its area has increased by 18.6 m2.

11- Unit G04: A third bedroom and a balcony has been added to this unit and the surface area of this unit has increase by 20.73 m2.

12- Unit L1.04: The surface area of this unit has increase by 18.63 m2. The internal layout has been amended and an additional balcony is proposed.

13- The roof is extended over the new extension of unit L1.04.

14- Unit L1.11: internal amendments to floor plan to avoid drainage of bathrooms inside lift 01 overrun below.

Floor level	GFA approved	GFA Proposed
Level 01 Ground floor Lower Ground Basement 02 Basement 03	1680 m2 2734 m2 2759 m2 3140 m2 4283 m2	1721 m2 2838 m2 2782 m2 3140 m2 4283 m2
Basement 04	4283 m2	4283 m2
Total GFA	18879 m2	19047 m2

Floor level	GFA approved	GFA Proposed
Level 01	1680 m2	1721 m2
Ground floor	2734 m2	2838 m2
Lower Ground	2759 m2	2782 m2
Basement 02	3140 m2	3140 m2
Basement 03	4283 m2	4283 m2
Basement 04	4283 m2	4283 m2
Total GFA	18879 m2	19047 m2
	1	1]

BUILDING ELEMENT

adbearing External Walls

1.5 - 3m from a FSF

Less than 1.5m from a FSF

Less than 1.5m from a FSF 1.5 - 3m from a FSF

3m or more from a FSF ernal Columns (not incorpo

Loadbearing
 Non-loadbearing
 ommon Walls and Fire V



AVE

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C K V

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ROOF 164,900

LEVEL 01 161,900

GROUND 158,700

LOWER GROUND 155,600

BASEMENT 02

BASEMENT 03 146,613

BASEMENT 04 143,513

BDY

0-33

0-32



FRL Integ	(in minutes rity/Insulat	s) Structural <i>i</i> ion	Adequacy/					
C3 SPEC. C1.1 C luding any column r other external bu	and other	building eler nent, where		Building Element – Type A Construction Internal Walls - Fire resisting lift and stair shafts –	Class 2	Class 7a	Class 6	
re source feature to which it is exposed is -				Loadbearing Non-loadbearing Internal Walls – Bounding public corridors, public lobbies and the like – Loadbearing Non-loadbearing	90/90/90 -/90/90 90/90/90 -/60/60	120/120/120 -/120/120 120/-/- -/-/-	180/120/120 -/120/120 180/-/- -/-/-	DOORS
	Class 2 90/90/90 90/60/60 90/60/30	Class 7a 120/120/120 120/90/90 120/60/30	Class 6 180/180/180 180/180/120 180/120/90	Kornoadzeaning Internal Walls – Between or bounding sole-occupancy units – Loadbearing Non-loadbearing Internal Walls – Ventilating, pipe, garbage and the like	90/90/90 -/60/60	120/-/- -/-/-	180/-/- -/-/-	Fire stair doors - self-closing Entry doors to sole-occupancy units - self closing
ated into an external	-/90/90 -/60/60 -/-/-	-/120/120 -/90/90 -/-/-	-/180/180 -/180/120 -/-/-	shafts not used for the discharge of hot products of combustion – - Loadbearing - Non-loadbearing	90/90/90 -/90/90	120/90/90 -/90/90	180/120/120 -/120/120	Lift landing doors Doors to Electrical cupboards
	90/-/- -/-/- 90/90/90	120/-/- -/-/- 120/120/120	180/-/- -/-/- 180/180/180	Other loadbearing internal walls, internal beams, trusses and columns Floors Roofs	90/-/- 90/90/90 90/60/30	120/-/- 120/120/120 120/60/30	180/-/- 180/180/180 180/60/30	Garbage Room hopper doors
						<u>.</u>		

TYPE A CLASS 2 CONSTRUCTION - UNITS **TYPE A CLASS 7 CONSTRUCTION - CARPARK** REFER TO BCA PART C3 DEFINITIONS (as BCA) EXTERNAL WALL (includ STRUCTURAL ADEQUACY, in relation to an FRL incorporated there in) or means the ability to maintain stability and adequate the distance from any fire load bearing capacity as determined by as 1530.4. INTEGRITY, in relation to an FRL, means the ability to resist passage of flames and hot gases specified in as 1530.4 Building Element – Type A Constru INSULATION, in relation to an FRL, means the ability to maintain a temperature on the surface not exposed to the furnace below the limits specified in as 1530.4.

FRL OF BUILDING ELEMENTS





	ON - S02			
1:200@	∑A1			
_EGEN	DS	PROJECT 28 Lockwood avenue, BELROSE NSW 2085		
A/C AL B BT/FW DP DDO E FH FHR FW GTD LP MSB T OF RWO ST H WS	SETOUT POINT AIR CONDENSER ALUMINUM ANGLE BOLLARD TO AS2890.6 BOUNDARY TRAP FLOOR WASTE DOWNPIPE DISH DRAIN OUTLET ELECTRICAL RISER CUPBOARDS FIRE HYDRANT	DRAWING		
	FIRE HOSE REEL FLOOR WASTE GRATED DRAIN LIGHT POLE MECHANICAL RISER MAIN SWITCHBOARD TACTILES OVERFLOW	DATE JAN 2024 DRAWN JS CHECK NL		
	RAINWATER OUTLET STORAGE HYDRAULIC RISER CUPBOARDS WHEELSTOP TO AS2890.1	SCALE 1:200 @A1 Sheet Size		
	THERMAL PERFORMANCE SPECIFICATIONS	DWG NO. DA-301		
	NOTE: REFER TO BASIX CERTIFICATE NUMBER 1061176M_03 FOR DETAILS AND SPECIFICATION	STATUS ISSUE FOR SECTION 4.55		

