# PROPOSED TWO STOREY DUAL OCCUPANCY

# LOT 134, DP 132272 **2 MEAGER AVENUE** PADSTOW NSW 2211



DRAWING LIST								
SHEET No.	SHEET NAME	CURRENT REVISION DATE	CURRENT REVISION					
DA001	COVER PAGE	02.11.21	A					
DA002	DEMOLITION GROUND FLOOR PLAN	02.11.21	A					
DA003	SITE ANALYSIS PLAN	02.11.21	A					
DA100	SITE PLAN	02.11.21	A					
DA101	PROPOSED GROUND FLOOR PLAN	02.11.21	A					
DA102	PROPOSED FIRST FLOOR PLAN	02.11.21	A					
DA103	PROPOSED ROOF PLAN	02.11.21	A					
DA201	BUILDING SECTION	02.11.21	A					
DA202	SWIMMING POOL DETAILS	02.11.21	A					
DA301	ELEVATIONS - SHEET 1	02.11.21	A					
DA302	ELEVATIONS - SHEET 2	02.11.21	A					
DA501	3D PERSPECTIVE VIEWS	02.11.21	A					
DA601	SHADOW DIAGRAM - SHEET 1	02.11.21	A					
DA602	SHADOW DIAGRAM - SHEET 2	02.11.21	A					
DA603	SHADOW DIAGRAM - SHEET 3	02.11.21	A					
DA701	SUBDIVISION (DRAFT) PLAN	02.11.21	A					

# **GENERAL NOTES**

- ARCHITECTURAL PLANS TO BE READ IN CONJUNCTION WITH DETAILED SURVEY PLAN PREPARED BY A REGISTERED SURVEYOR. - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE. - DIMENSIONS ARE TAKEN FROM WALL OR BRICK FACE, NOT PLASTER, RENDER OR OTHER FINISH FACE - VERIFY LOCATION OF SERVICES ON SITE PRIOR TO CONSTRUCTION.

# MATERIALS:

FLOORS: - REINFORCED CONCRETE SLAB TO ENGINEER'S DETAILS

- INTERNAL FLOOR FINISHES: TO BE SELECTED WALLS:

- EXTERNAL WALLS ARE GENERALLY 250mm BRICK VENEER

INTERNAL WALLS ARE GENERALLY 100mm TIMBER STUD

NOTE: PROVIDE CONSTRUCTION & ARTICULATION JOINTS AS REQUIRED, TO ENGINEER'S DETAILS.

# **RECYCLED PLANTATION TIMBERS:**

USE ONLY SUITABLE PLANTATION TIMBERS SELECTED FROM THOSE LISTED IN LOCAL COUNCIL SPECIFICATIONS

# **TERMITE PROTECTION:**

INSTALL PHYSICAL BARRIERS FOR TERMITE PROTECTION TO COMPLY WITH THE NCC & AS 3660

### BALUSTRADES:

DESIGN, INSTALL & LOCATE ALL BALUSTRADES TO COMPLY WITH THE NCC

### POOL FENCING:

INSTALL POOL FENCING TO COMPLY WITH SWIMMING POOLS ACT 1992, AS 1926 & THE NCC. POOL FENCE TO BE NO LESS THAN 1.2m HIGH, BE FITTED WITH A LATCHING DEVICE NOT READILY OPENABLE BY A YOUNG CHILD & CONSTRUCTED TO AUTOMATICALLY CLOSE & LATCH.

### SMOKE ALARM:

INSTALL A SMOKE ALARM SYSTEM TO COMPLY WITH THE NCC & AS 3786

# ELECTRICAL:

ALL ELECTRICAL WORKS TO COMPLY WITH AS/NZS 3000

# LANDSCAPING:

REFER TO PLAN & DETAILS PREPARED BY THE LANDSCAPE ARCHITECT

# MECHANICAL VENTILATION:

PROVIDE MECHANICAL VENTILATION WHERE NECESSARY TO COMPLY WITH THE NCC

# WINDOWS:

WINDOWS TO COMPLY WITH AS 2047. GLAZING TO COMPLY WITH THE NCC & AS 1288. RESTRICTORS TO BE FITTED TO ALL OPENABLE WINDOWS WITH A SILL HEIGHT LESS THAN 1.7m ABOVE ADJACENT GROUND LEVEL IN ACCORDANCE WITH THE NCC

# TILES:

TILES TO COMPLY WITH AS 3958.1

# RAMP

RAMP TO COMPLY WITH AS 2890.1

### **REINFORCED CONCRETE SLABS, FOOTINGS, LINTELS & BEAMS:** TO FUTURE STRUCTURAL ENGINEER'S DETAILS

# STORMWATER:

STORMWATER & DRAINAGE IDENTIFIED ON THE ARCHITECTURAL PLANS ARE INDICATIVE ONLY. REFER TO HYDRAULIC PLANS FOR DETAILS. GUTTERING TO COMPLY WITH THE NCC & AS 3500. DOWNPIPE LOCATIONS TO COMPLY WITH AS 3500. INSTALL RAINWATER TANK TO BASIX SPECIFICATIONS.

NCC / BCA COMPLIANCE

COMPLY WITH THE NCC 2019, VOLUME TWO & THREE: PLUMBING & DRAINAGE

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NOT FOR CONSTRUCTION Do not scale drawings. Use figured dimensions only. Check & verify levels and dimensions on site prior to the commencement of any work, the preparation of shop drawings or the fabrication of components. All construction works to AS and NCC standards. This drawing is the copyright of Resolut and is protected under the Copyright Act 1968. It may not be altered, reproduced or transmitted in any form, or by any means without the express permission of Resolut.

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# **DEVELOPMENT DATA**

# SITE AREA: 873.2m<sup>2</sup>

PROPOSED GROUND FLOOR: PROPOSED FIRST FLOOR PROPOSED PORCH AREA: PROPOSED ALFRESCO AREA(EACH UNIT):

PROPOSED FLOOR AREA: PERMITTED MAX. FLOOR AREA: (FSR 0.5:1) PROPOSED TOTAL FLOOR AREA:

LANDSCAPE PROPOSED TOTAL LANDSCAPE AREA MIN 45% LANDSCAPING IN FRONT OF BLD LINE: LANDSCAPED AREA BEHIND BUILDING LINE:

PRIVATE OPEN SPACE REQUIRED 80m<sup>2</sup> (DIMENSIONS 5m X 5m) PROPOSED POS FOR LOT 2: PROPOSED POS FOR LOT 2A

SETBACKS FRONT SETBACK: REAR SETBACK: SIDE SETBACK:

BUILDING HEIGHT

202.42m<sup>2</sup> 224.64m<sup>2</sup> 7.64m<sup>2</sup> 23.45m<sup>2</sup>

436.6m<sup>2</sup> 436.59m<sup>2</sup>

304 69m<sup>2</sup> 72.34m<sup>2</sup> (59%) 232.35m<sup>2</sup>

137.77m<sup>2</sup> 128.22m<sup>2</sup>

4 55m - 11 36m 37 78m - 39 91m 0.9m - 1.82m

9m - Complies

# **BASIX COMMITMENTS**

BASIX CERTIFICATE NUMBER: 1227944M NATHERS CERTIFICATE NUMBER: 0006301824 & 0006301832

/for details: See the Basix certificate/

Alternative water The applicant must install a rainwater tank of at least 3000 litres (For Each Unit)

- The rainwater tank to collect rain runoff from at least 100 m2 of the roof
- The applicant must connect the rainwater tank to: all toilets in the development
- all laundries in the development
- at least one outdoor tap /per unit/ in the development

Fixtures (For Each Unit)

- .. 3 star (>7.5 but <= 9.0 L/min) Shower heads .
- Toilets. .4 sta Kitchen tap... ...5 star
- Basin Taps. 5 star

Thermal Comfort-Simulation method /for details: see the Nathers certificate/

- A detailed method of assessment with greater flexibility of solution choice and capacity to assess complex dwelling designs.
- The dwelling design has been assessed with NatHERS software from an accredited assessor

Hot Water System: gas instantaneous with a performance of 5 stars (For Each Unit)

Heating/Cooling (For Each Unit): 1-phase air-conditioning; Energy rating: EER 2.5-3.0 (Zoned)

### Ventilation

- (Unit 2): Laundry: no mechanical ventilation (ie. natural): Operation control: n/a Bathrooms & Kitchen (individual fan, ducted; Operation: manual on/off)
- (Unit 2A): Laundry: no mechanical ventilation (ie. natural): Operation control: n/a
- rooms & Kitchen (individual fan, ducted; Operation: manual on/off)

Natural lighting (Unit 2): Window in the Kitchen and 3Bathrooms/Toilets

Natural lighting (Unit 2A): Window in the Kitchen and 3 Bathrooms/Toilets

### Artificial lighting fluorescent or (LED)/ DEDICATED/:

- (Unit 2) 4 in the Bedrooms/study, 3 in the living, the Kitchen, Bathrooms, Laundry and ALL Hallways
- (Unit 2A) 4 in the Bedrooms/study, 3 in the living, the Kitchen, Bathrooms, Laundry and ALL Hallways

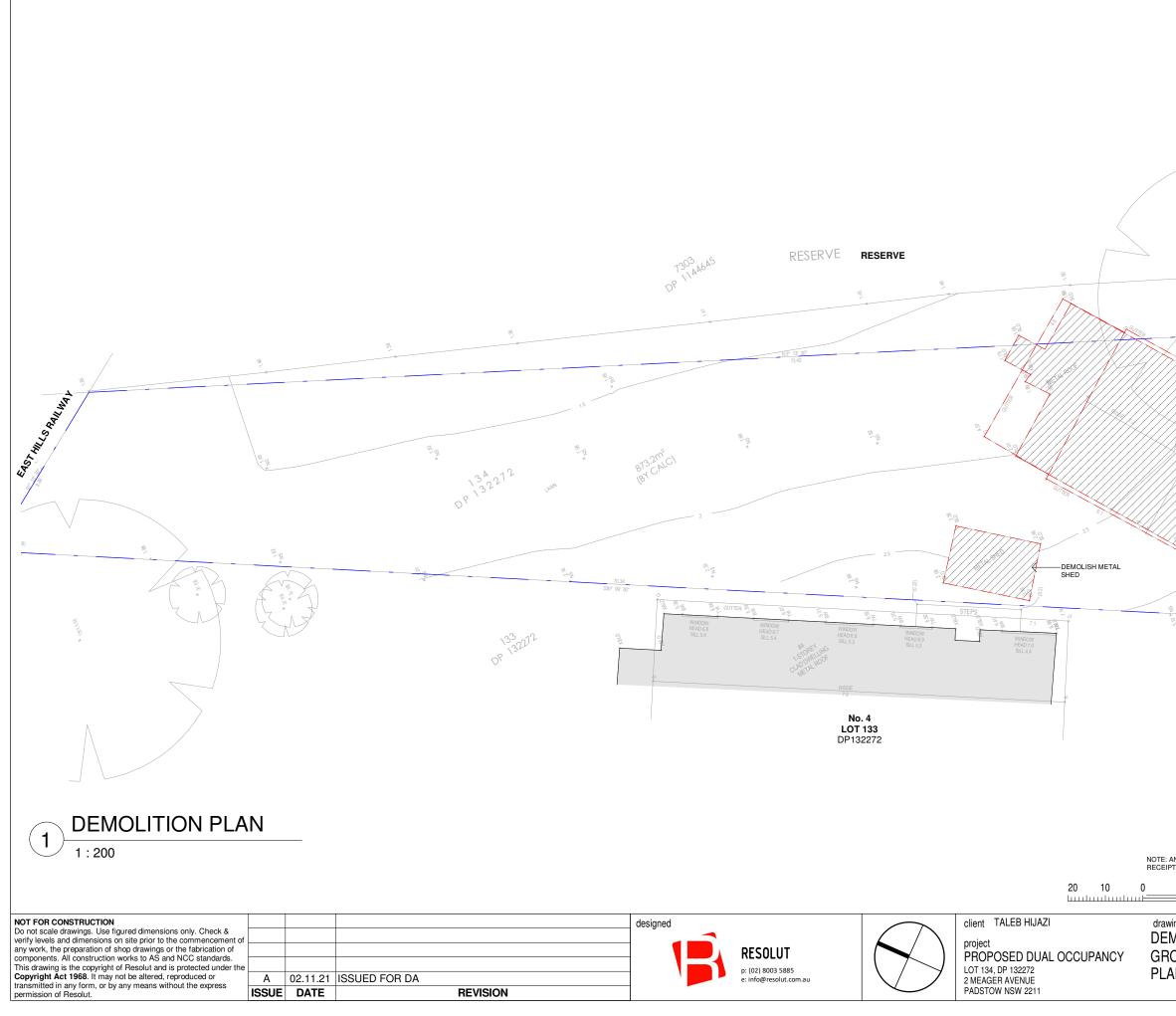
- The applicant must install a gas cook top & electric oven in the kitchen of each dwelling. The applicant must install a fixed outdoor clothes drying line for each dwelling

- Swimming pools (each unit)
   The swimming pools must not have a volume greater than 48 kilolitres.
- The swimming pools must be outdoors.
- The development must not incorporate any heating system for the swimming pools. The applicant must install a timer for the swimming pool pumps in the development.

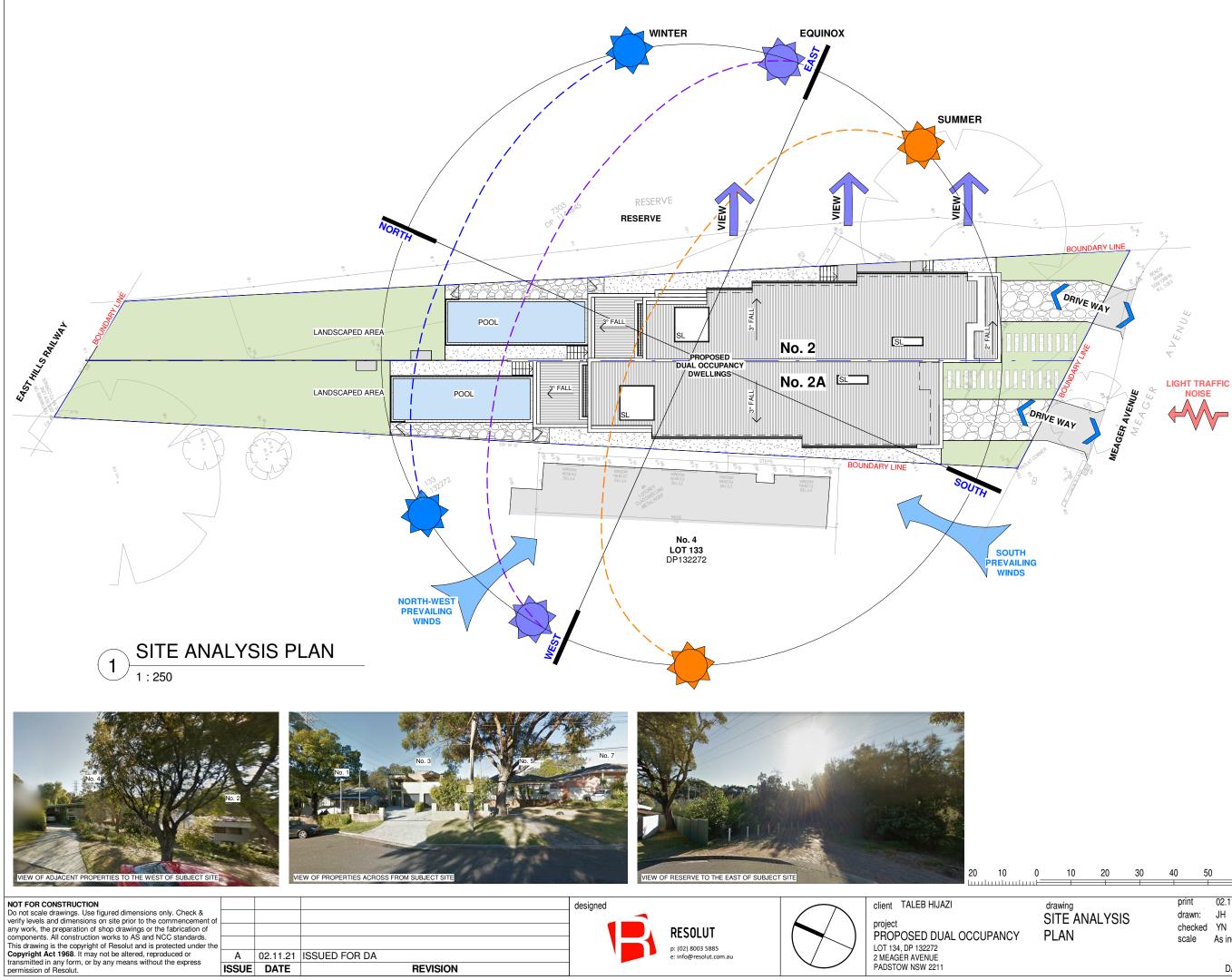
# Alternative energy (each unit)

The applicant must install a photovoltaic system with the capacity to generate at least 1.0 peak kilowatts of electricity as part of the development. The applicant must connect this system to the development's electrical system

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	LEGEND: TO BE DEMOLISHED
B	
	DEMOLISH SINGLE STOREY CLAD RESIDENCE AND ASSOCIATED PORCH REMOVE EXISTING TREE FOR NEW DRIVEWAY
	MEAGER AVE
/	
any asbestos greater than yts from waste facility to 10 20 30	110m2 MUST BE REMOVED BY A LICENSED PROFESSIONAL, ALL BE PROVIDED TO PCA 40 50 100mm
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WINTER SYDNEY WIND

# AUTUMN SYDNEY WIND

SUMMER SYDNEY WIND







# WIND ROSE ANAYLSIS (NEAREST STATION)

# **DEVELOPMENT DATA**

# SITE AREA: 873.2m<sup>2</sup>

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<u>PROPOSED FLOOR AREA:</u> PERMITTED MAX. FLOOR AREA: (FSR 0.5:1) PROPOSED TOTAL FLOOR AREA:	436.6m² 436.59m²
LANDSCAPE PROPOSED TOTAL LANDSCAPE AREA: MIN 45% LANDSCAPING IN FRONT OF BLD LINE: LANDSCAPED AREA BEHIND BUILDING LINE:	304.69m² 72.34m² (59%) 232.35m²
PRIVATE OPEN SPACE REQUIRED 80m <sup>2</sup> (DIMENSIONS 5m X 5m) PROPOSED POS FOR LOT 2: PROPOSED POS FOR LOT 2A:	137.77m² 128.22m²
<u>SETBACKS</u> FRONT SETBACK: REAR SETBACK: SIDE SETBACK:	4.55m - 11.36m 37.78m - 39.91m 0.9m - 1.82m
<u>BUILDING HEIGHT</u> PERMITTED MAX. BUILDING HEIGHT:	9m - Complies

# **BASIX COMMITMENTS**

BASIX CERTIFICATE NUMBER: 1255092M

/for details: See the Basix certificate/

- Alternative water The applicant must install a rainwater tank of at least 3000 litres (For Each Unit) The rainwater tank to collect rain runoff from at least 100 m2 of the roof The applicant must connect the rainwater tank to: all toilets in the development all laundries in the development
- at least one outdoor tap /per unit/ in the development

# Fixtures (For Each Unit)

- Shower heads Toilets..... .. 3 star (>7.5 but <= 9.0 L/min) ..4 star
- Kitchen tap. ...5 star
- Basin Taps.. ..5 sta
- Thermal Comfort-Simulation method /for details: see the Nathers certificate/
   A detailed method of assessment with greater flexibility of solution choice and capacity to assess complex dwelling designs. The dwelling design has been assessed with NatHERS software from an accredited
- assessor

# Hot Water System: gas instantaneous with a performance of 5 stars (For Each Unit)

Heating/Cooling (For Each Unit): 1-phase air-conditioning; Energy rating: EER 2.5-3.0 (Zoned)

### Ventilation

- (Unit 2): Laundry: no mechanical ventilation (ie. natural); Operation control: n/a, Bathrooms & Kitchen (individual fan, ducted: Operation: manual on/off)
- (Unit 2A): Laundry: no mechanical ventilation (ie. natural); Operation control: n/a, Bathrooms & Kitchen (individual fan, ducted; Operation: manual on/off)
  - Natural lighting (Unit 2): Window in the Kitchen and 3Bathrooms/Toilets

Natural lighting (Unit 2A): Window in the Kitchen and 3 Bathrooms/Toilets

# NATHERS COMMITMENTS

Building Elements /For Details: see the Nathers certificate Thermal Comfort-Simulation method desians.

External Floor

- Internal Wall
- The swimming pools must be outdoors. The development must not incorporate any heating system for the swimming pools. The applicant must install a timer for the swimming pool pumps in the development

### Alternative energy (each unit)

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Hallways

OTHER

ALL Hallwavs

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(Unit 2A) 4 in the Bedrooms/study, 3 in the living, the Kitchen, Bathrooms, Laundry and

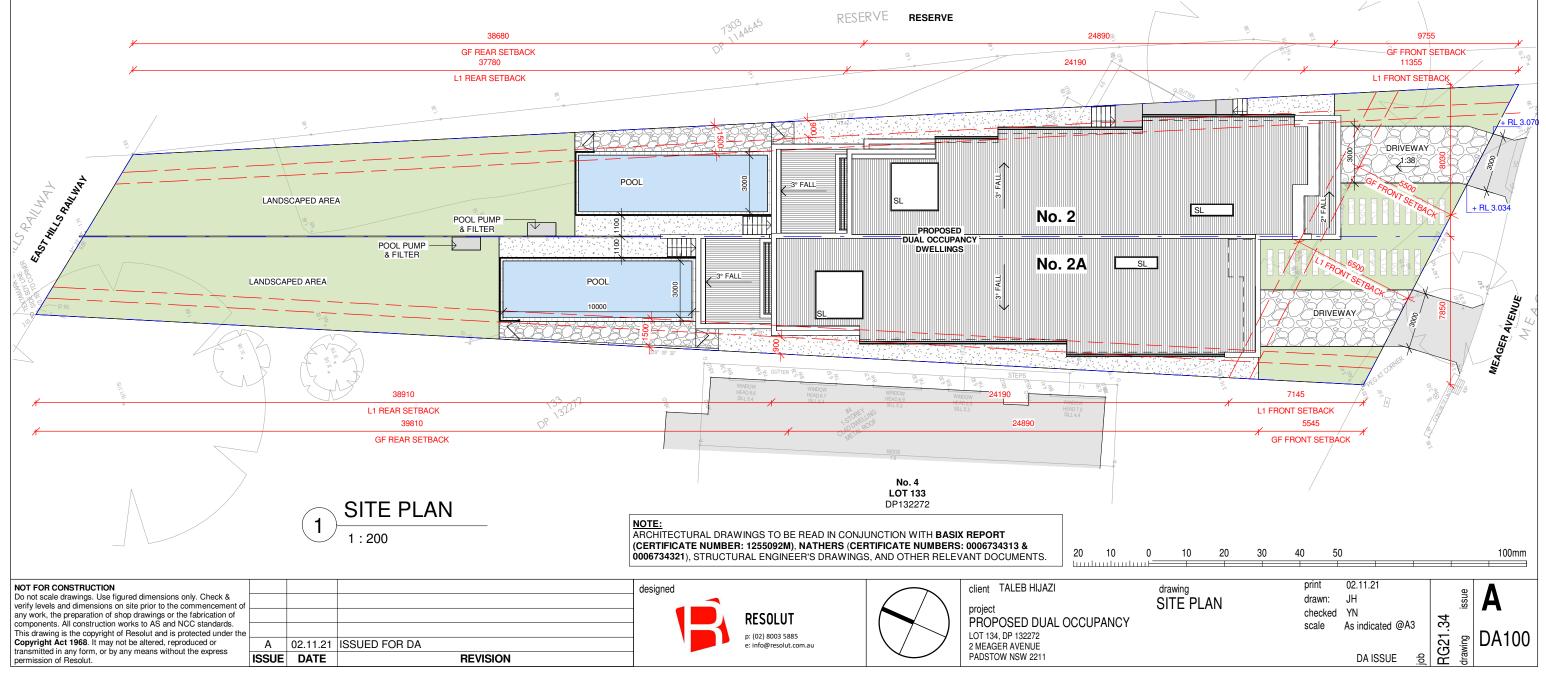
The applicant must install a gas cook top & electric oven in the kitchen of each dwelling. The applicant must install a fixed outdoor clothes drying line for each dwelling

The swimming pools must not have a volume greater than 48 kilolitres.

External Ceiling

Roof

ceiling insulation



# NATHERS CERTIFICATE NUMBER: 0006734313 & 0006734321

A detailed method of assessment with greater flexibility of solution choice and capacity to assess complex dwelling

The dwelling design has been assessed with NatHERS software from an accredited assesso

External Walls
Cavity Brick-Foil Sided Bubble Wrap, Anti-glare one side

Single Skin Brick Bulk Insulation, No Air Gap R 2.5 (Against Garage) Single Skin Brick No Insulation Cavity brick, plasterboard No Insulation

Concrete Slab on Ground Suspended Floor-R2.5 (Open to air)

 Internal Floor/Ceiling
 Concrete Above Plasterboard Bulk Insulation R 2.5 (Above garage) Concrete Above Plasterboard No Insulation (All others)

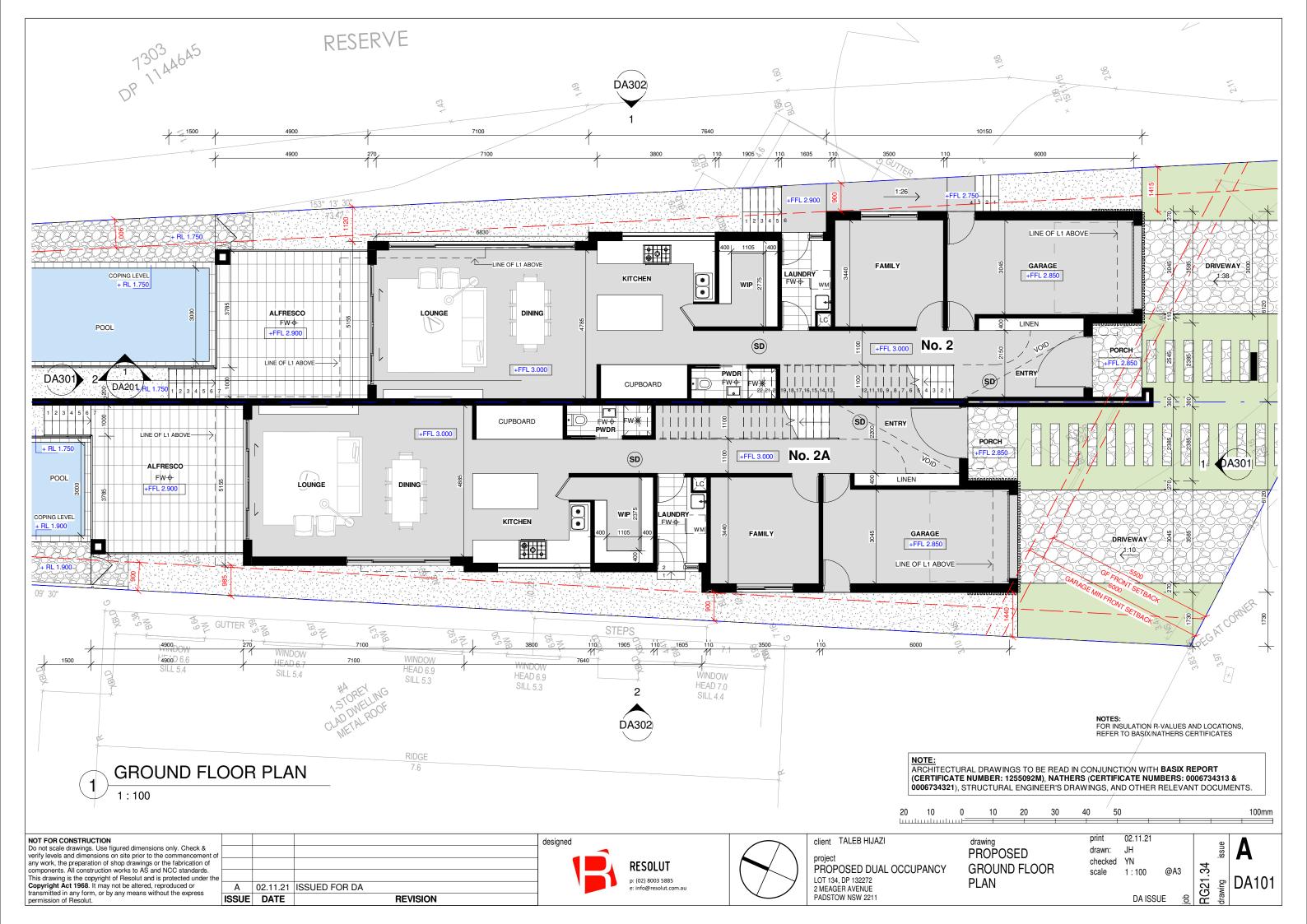
Concrete, Plasterboard Bulk Insulation R2.5 No roof space cavity Plasterboard Bulk Insulation R4.0 Unventilated roof space

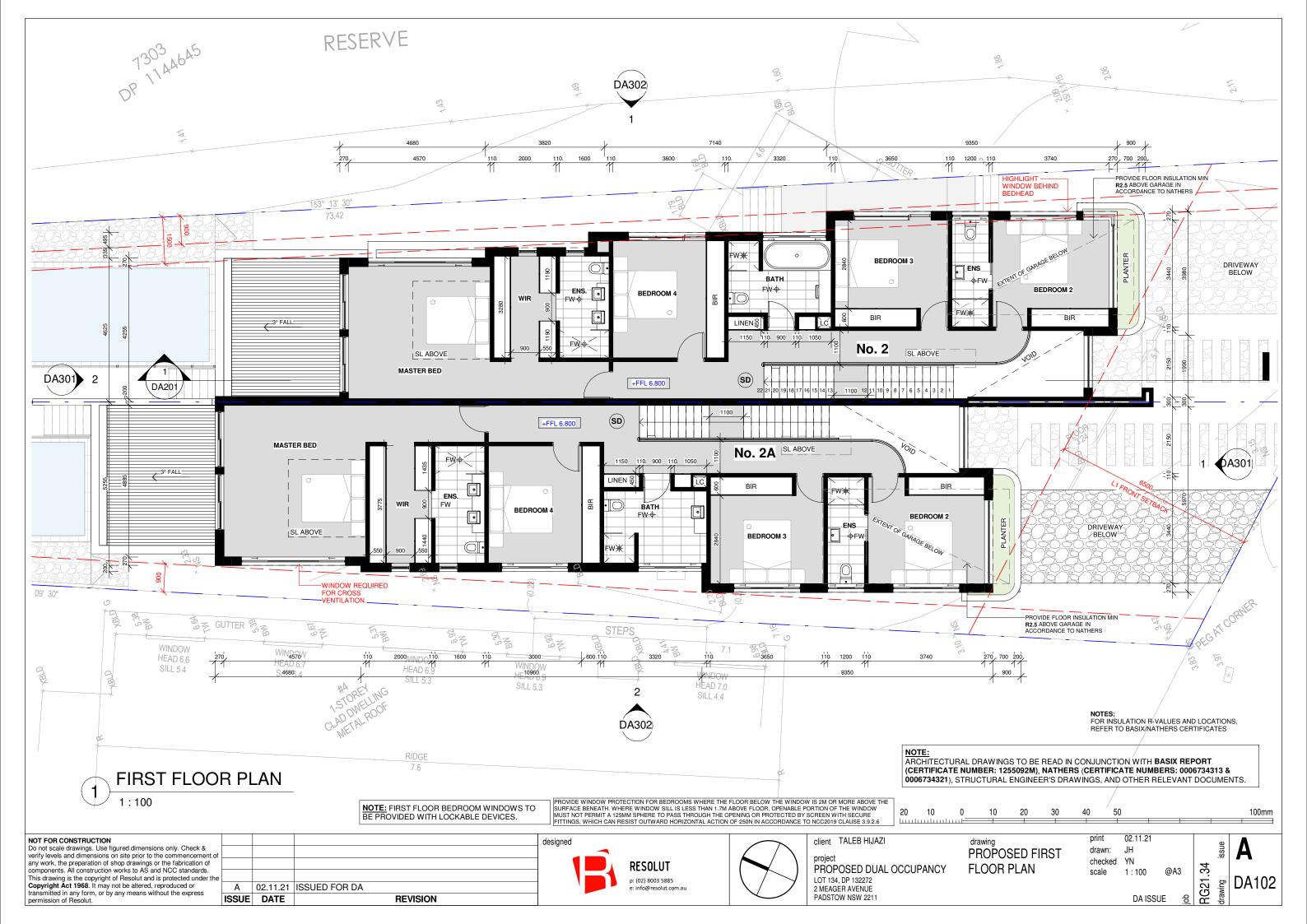
Corrugated Iron Bulk, Reflective Side Down, No Air Gap Above R 1.3 Waterproofing Membrane No Insulation, Only an Air Gap

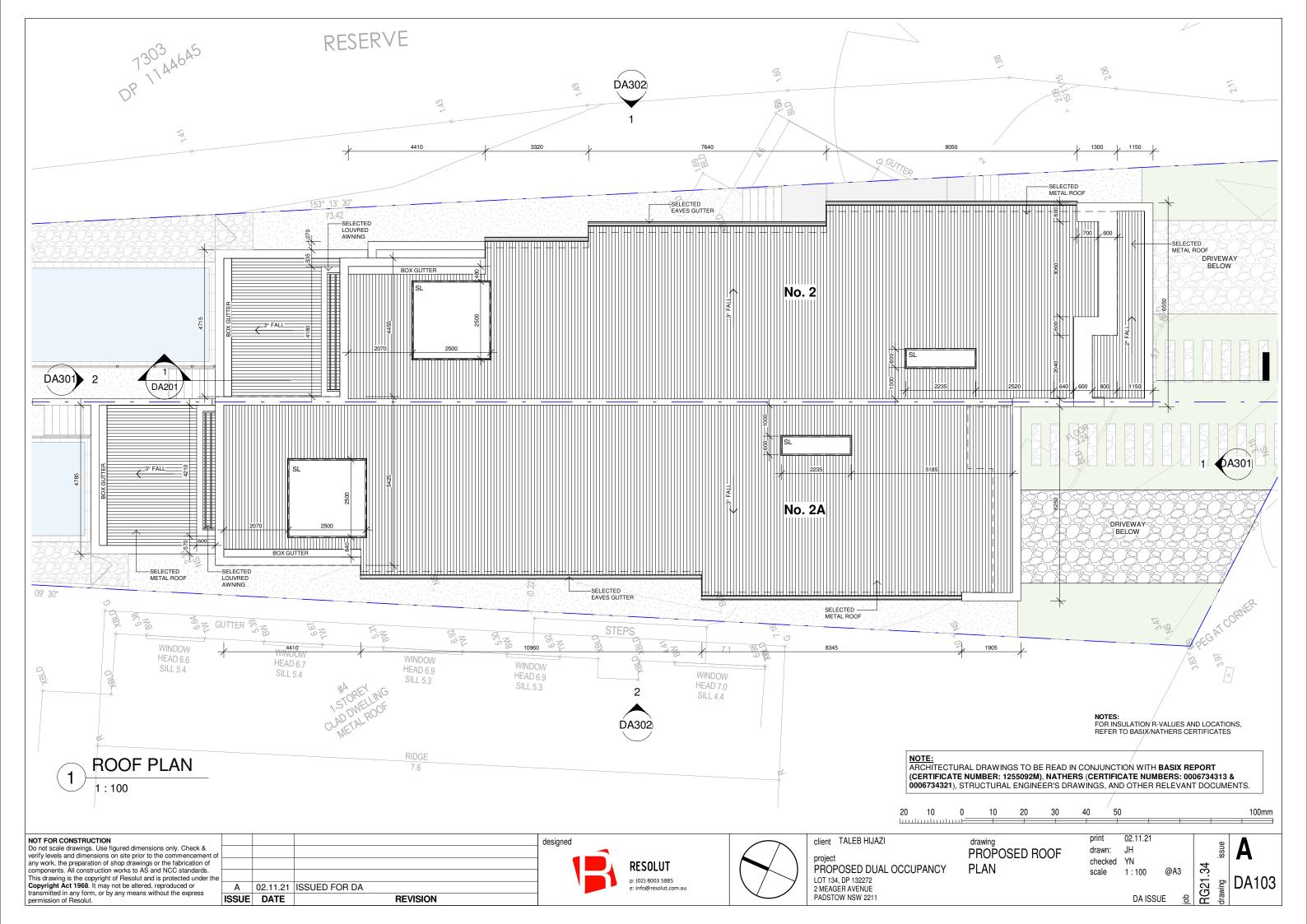
Note: All coffer ceiling verticals and walls against the roof-space, to be insulated, with the same insulation as the

Note: All down lights: IC-F /IC-4/ (insulation covered/ including the control gears/) rated as per AS/NZS standard 60598 and IP (sealed) rated as per BS EN 60529:1992, European IEC 60509:1989

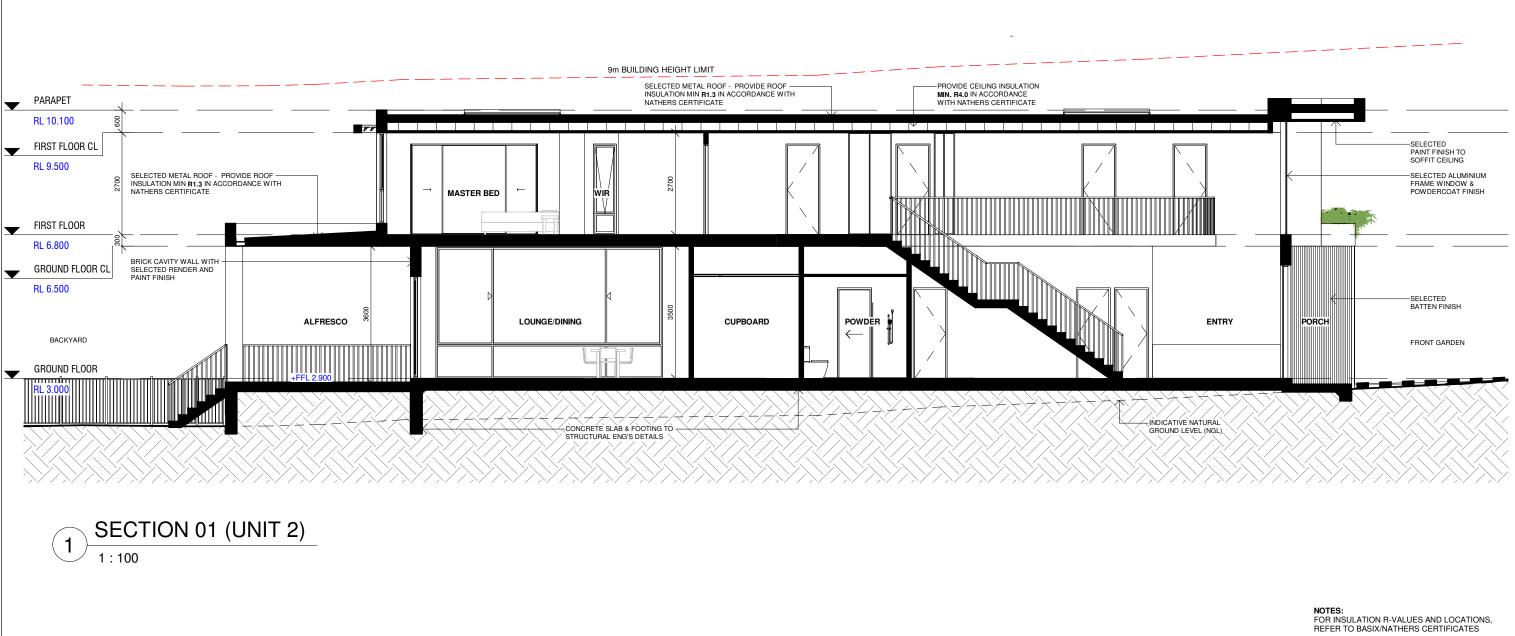
Note: (where the roof is extended over an open area such as a deck or carport): A barrier to be installed within the roof space to separate the space above the zoned part of the house and the space above the open veranda. Note-Ceiling fans: For the number and the location, see the Nathers certificate





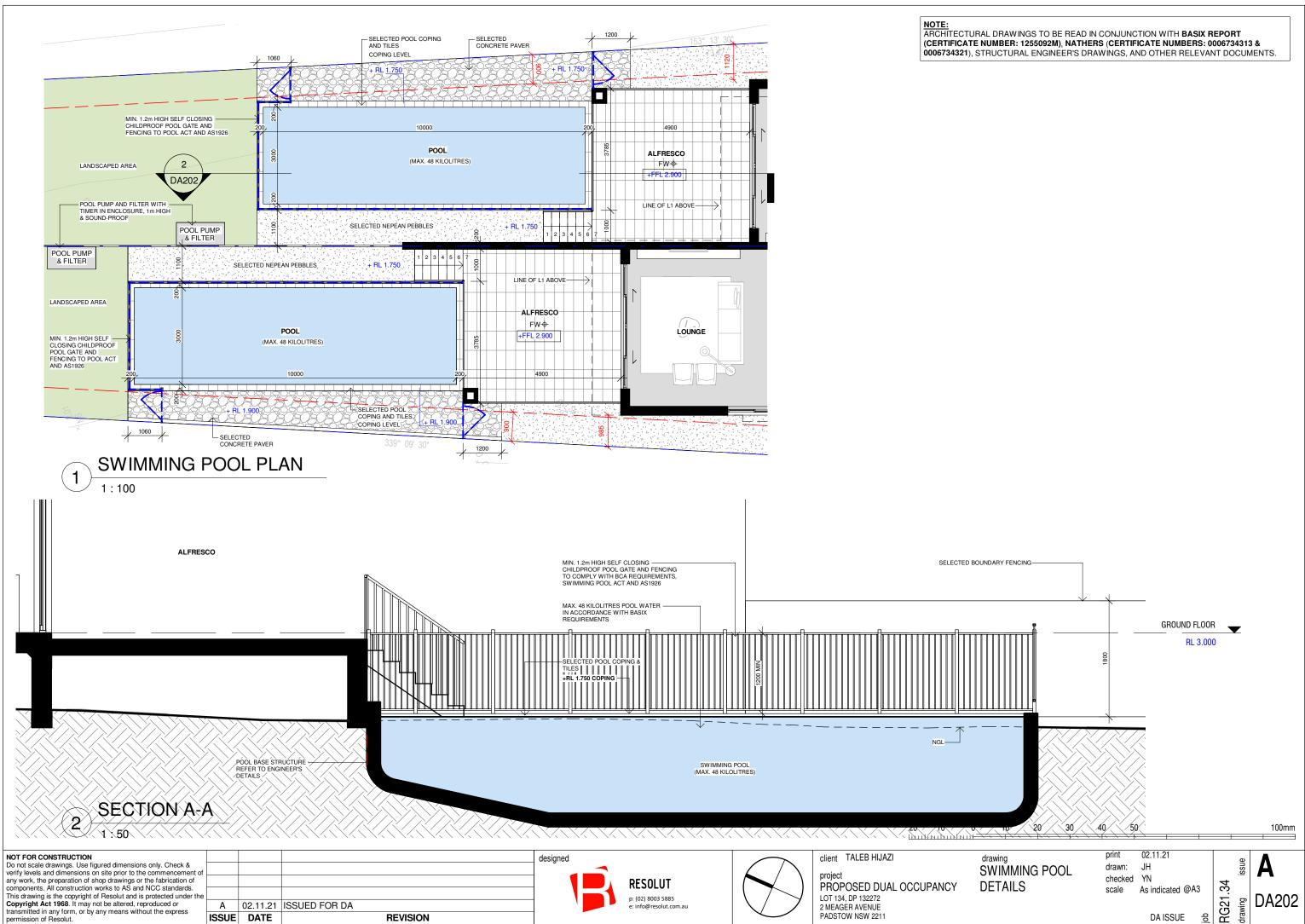


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NOT FOR CONSTRUCTION Do not scale drawings. Use figured dimensions only. Check & verify levels and dimensions on site prior to the commencement of				designed		client TALEB HIJAZI	10 0 
any work, the preparation of shop drawings or the fabrication of components. All construction works to AS and NCC standards. This drawing is the copyright of Resolut and is protected under the <b>Copyright Act 1968</b> . It may not be altered, reproduced or transmitted in any form or by any means without the express.			ISSUED FOR DA REVISION		PE (02) 8003 5885 e: info@resolut.com.au	project PROPOSED DUAL OCC LOT 134, DP 132272 2 MEAGER AVENUE PADSTOW NSW 2211	
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L DRAWINGS TO BE READ IN CONJUNCTION WITH **BASIX REPORT** UMBER: 1255092M), NATHERS (CERTIFICATE NUMBERS: 0006734313 & RUCTURAL ENGINEER'S DRAWINGS, AND OTHER RELEVANT DOCUMENTS.

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# RESERVE

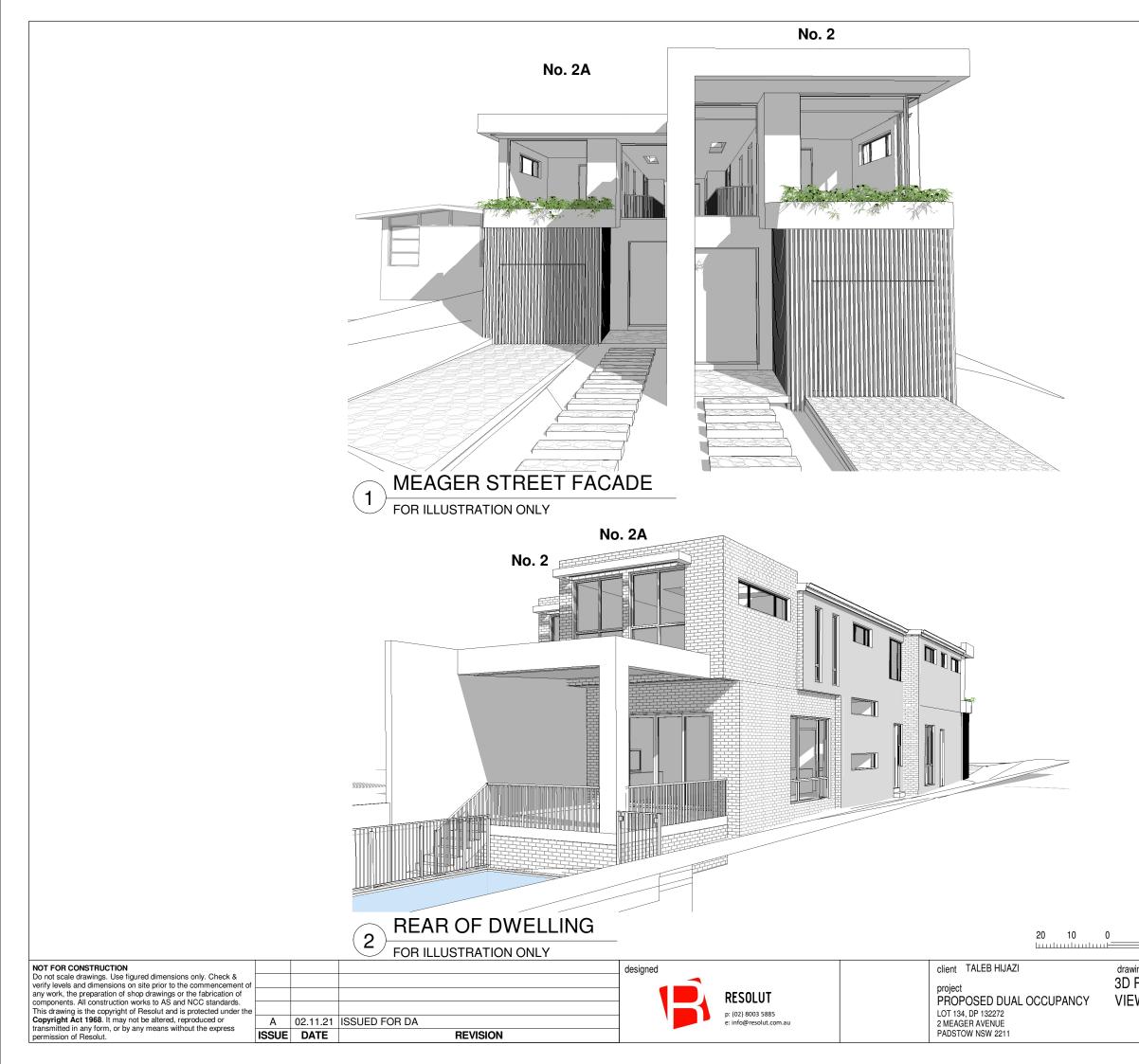
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ARCHITECTURAL DRAWINGS TO BE READ IN CONJUNCTION WITH **BASIX REPORT** (CERTIFICATE NUMBER: 1255092M), NATHERS (CERTIFICATE NUMBERS: 0006734313 & 0006734321), STRUCTURAL ENGINEER'S DRAWINGS, AND OTHER RELEVANT DOCUMENTS.

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