### **GENERAL NOTES**

- G.1. These drawings shall be read in conjunction with all architectural/und other consultants drawings and specifications and with such Ther writen instructions army be issued during the course of the contract. All discrepancies shall be referred to the/crhitectlengineer for decision before proceeding with the work.
  2. Dimensions shall not be obtained by scaling the structural drawings.
  3. Setting out dimensions shown on the drawings shal be verified by the builder.
  4. During construction the structure in all be maintained in a stable/condition and no part shall be overstressed.
  5. All workmanship and materials shall be in accordance with the requirements of the current editions of the as codes and the/vaws and ordinances of the relevant building state authority.
  6. This report is based on information supplied by the client. If any/sapect of the site preparation or proposed construction changes from that originally advised, the engineer must be notified so that/uny necessary amendments can be made.
- Development application decision notice for work requiringuilding approval, the development application decision notice, Ssued by the council or building certifier must be forwarded to us prior to arranging any
- inspections with this office

## SITE CLASSIFICATION NOTES:

- S. 1. This report has been based upon information provided to our office and/or gathered by our staff.
  c. 2. This report has been prepared in accordance with AS 2870 and relevant state legislation.
  c. 3. Should sol conditions encountered on sle differ significantly from those indicated in the sol lest noted above, the engineer must be notified before proceeding as the site classification may need revising and modifications to the design may be required.
  c. The site investigation may be rendered relevant if the location of proposed structures vary from that specified rathe time of this report. This report relates to the conditions existing on the fand at the time of the sole. This report relates to the conditions existing on the fand at the time of the sole account. This report relates to the conditions existing on the lead at the time of the sole class. Any unadvide extensive culting of tilling may remeder this report relevant.
  c.5. While a reasonable effort is made to assess the site's suitability for the proposed construction, this report.
- ......e invasorment enrors make to assess the site s suitability for the proposed construction, this report
  does not take into account slope stability. If required by the council, a suitably qualified person should be
  engaged to undertake a slope stability issessment.

### MISCELLANEOUS NOTES:

M.1. Where termite protection is required, install in accordance with AS3660. Builder shall confirm with owner the preferred method of termite management. Owner is responsible for ongoing inspection of structural timber elements and ensuring that termite management systems are not breached.
2. The recommended distance that a new tree should be located from a dwelling would be equal or greater than 73% of the mature height for class m sites, 100% of the mature height for class H1 & H2 sites, 50% of the mature height for class.

- Drainage notes: 1. All workmanship and material shall be in accordance with AS 2870. 2. Drainage shall be constructed to avoid water ponding against or near the footing. The ground in the immediate vicinity of the perimeter footing, including the ground uphill from the slab on cut-and-fill slates, shall be graded to fall 50mm minimum away from the footing over a distance of 1.0m. Surface or subsurface drains shall be used to channel water away and connect to stormwater system. Any paving shall also be suitably sloped.
- shall also be suitably sloped. Plumbing trenches shall be sloped away from the house and shall be backfilled with clay in the top 300mm within 1.5 m of the house. The clay used for backfilling shall be compacted. Where pipes pass umder the footing system, the trench shall be backfilled with clay or concrete to restrict the ingress of water beneath is sear the edge of the footing system shall be backfilled in such a way as to prevent access o
- water to the foundation. For example, excavations should be backfilled above or adjacent the footing with moist clay, compacted by hand-rodding/tamping. Porous material such as sand, gravel or building rubble Notified to used. Water run-off shall be collected and channeled away from the house during construction. Penetrations of the edge beams and footing beams are to beúvoided, but where necessary shall be
- Penetrations of the edge beams sleeved to allow for movement.
- seeven to allow for movement. 7. Connection of stormwater drains and waste drains shall include flexible connections. 8. Additional plumbing requirements are needed for moderately, heavily & extremely reactive sites in accordance with clause 6.6 (f) from AS 2870. 9. Plumbing & drainage under the stab should be avoided where practical (refer ASNZS 3500 clause 4.10) 10. All pipework including stormwater fittings & adapters should be protected from mechanical damage. Pulming a dranage under me sad should be avoided whele practical (rifer ASIN25 JS00 dause 4.10). O.Al pipevoki hiculding stormwater fillings & adapters should be protected from mechanical damage.
  1. Provisions should be made for the connection of overflow or water discharge from fixtures such as hot water systems & air conditioners to a drain as required by the relevant local autority.

### NCC 2022 TYPICAL CONSTRUCTION NOTESÚBCB HOUSING PROVISIONS STANDARDS CLAUSES REFERENCED

> Smoke alarms to be installed in accordance with clauses 9.5.1, 9.5.2 & 9.5.4 Vertices with a loc insufficient in BLANDardie will balaces 24.0, 1, 24.2, 6 24.4 we areas with non-compliant nature ineliation must be under additional werthalion of 14,000mm2 to an adjacent room in accordance with classe 10.2,32(5)(a) to be achieved by a fixed distance between the bottom of the door and finished hoor, or by a compliant door grill. Refer to specific floor plan notes where required a floor waste is installed to a wet area, the minimum continuous fail of a floor plane to the waste must be 1:00 and the maximum must be 1:50, in accordance with classes 10.2.12

>	• baths must discharge untrapped to a floor waste gully where a trap is not accessible, such as a bath on
	ground floor slab construction, in accordance with AS/NZS 3500.2 and volume 3 of the NCC. Minimum falls
	to the floor waste gully must be achieved in accordance with clause 10.2.12 and noted above bathroom
	doors which are within 1.2m of the closet plan to be provided with lift-off hinges or open outwards, or slide, in
	accordance with clause 10.4.2
>	<ul> <li>exhaust fans to a kitchen or wet area rooms without natural ventilation must meet the flow rates detailed</li> </ul>

exhaust rais to a kutchen of wet area rooms without natural verbination must meet the now nates detailed in **clause 10.8.2(1)** and ducting to outdoor air in accordance with **clause 10.8.2(2)** wet areas without natural ventilation, must include a run-on timer on the exhaust fan. The fan must be interlocked to the light switch and run-on for 10 minutes after the light is turned off, in accordance with interlocked to the Clause 10.8.2(4)

- Clause 10.8.2(4) all stars, landings, stair finishes and ramps are to be constructed in accordance with part 11.2, including tread & fister dimensions as below. tread depth = 240mm minimum & 355mm maximum riser height = 115mm minimum & 190mm maximum

balustrades to be a minimum of 1000mm high from associated floor, stair or landing level in accordance with clause 11.3.3 & 11.3.4 with clause 11.3.3 & 11.3.4 > child proof screens must be fitted to ground floor bedroom windows where the ground is 2m or more below the window sill, or window openings to be restricted to 125mm, in accordance with clause 11.3.7.1 > child proof screens must be fitted to first floor bedroom windows where the sill is less than 1.7m above floor level, or window openings to be restricted to 125mm, in accordance with clause 11.3.7.2 > climate zone 6 requires dwellings to include mandatory roof and eave ventilation in accordance with

ADDITIONAL NOTES

Clause 10.8.3 where roofs have pitches <12.5°, valley gutters must be designed as box gutters in accordance with AS5500.3 or as a performance solution by a professional engineer, in accordance with clause 7.4.4(4)

### GENERAL NOTES

Clause 10.8.3

> Stormwater drainage as per stormwater plan & the basix certificate > sewer drainage & waste water to sydney water sewer main > sediment control barrier to council specification during construction > An all weather access crossing of recycled concrete will be provided during construction

> An all weather access crossing of recyces concrete win ce provoeu suming consucuon > Survey levels & comburs to australian height datum (AHD) or as indicated on survey plan +-100mm > Termite control chemical or physical barrier to be installed in accordance with as3660 > Verify all dimensions, levels & existing conditions on site prior to commencement of work > All work & materials to comply with the building code of australia (BCA) & relevant standards australia codes figured dimensions lake preference to scale - do not scale, ask

figured dimensions take preference to scale - do not scale - All dimensions in millimetres (mm) unless noted otherwise

Driveway gradient to comply with council regulations

 - Unit-one graduent to Unity that Units and Additional States and Additiona States and Additiona way will be reinforced concrete or similarly approved hardstand surface

Any concrete paths to be reinforced concrete

- > Any concrete paths to be enimotoced concrete > Surface drains will be included in the landscaping to remove surface water from grassed & hardstand areas > Agricultural drains will be installed behind all retaining walls & connected into the stormwater drainage system > Survey drawing & information obtained from sydney registered surveyors plan reference 6969
- A 09-08-2024 ISSUED FOR THE DEVELOPMENT APPLICATION ISSUE DATE AMENDMEN

## PROPERTY MAINTENANCE NOTES:

This design is based upon the normal footing performanceüriteria provided in table 2.2 of AS 8270-2011 with damageüategories detailed in appendix c. If these performance criteria is unsuitable for this dwelling please consult this office for additional engineering advise and design services. The owner's attention is drawn to appendix b performance criteria and foundation maintenance' and

The only of a decision's output that by performing the performance on the and a decision transmission transmission of a graphic classification of damage due to foundation movements of AS 08070-2011. We also direct the owner to the Cstro publication of the available from Cstro publishing on pt 1: 100-788-000 at http://www.publish.cstro.au/nid/18/pid/30212.htm. This report may be rendered invalid if the property is n ned as recommended in this publication

maintained as recommended in this publication. A. The long term performance of dwalling footings is dependant on factors such as site drainage, vegetation and watering of areas adjacent to the dwelling. 5. Valering of laws and gardress should be consistent. Over catering can damage footings. Equally footings may be damaged/y protonged periods of neglect after years of careful watering. Leaking taps and pipes and blocked drains should be registed promptly. Proforegd neglect and exit of the gard of dings.

Unclusive unaximity mutchs. This design assumes that masonry articulation joints will be installed unless noted otherwise on footing & slab plan. Any masonry articulation joints shall be positioned in accordance with behnical note 61 produced by cement concrete & aggregates. Australia and AS 3700 section 12 16.4. Refer to table below for maximum spacing and masonry articulation plan (if provided) for specific locations and details for renovations or extensions topbicing structures.

removations or extensions topxisting structures. 2. Masony articulation joints shall be positioned where ever new brickwork meets old brickwork. 3. Where masonry articulation is shown beside openings with brickwork above the opening, care should be taken to provide a silp joint around the end of the limitel. 4. Where masonry articulation is shown beside openings, the joints to continue between the window/door frame and the brickwork of the full height of the wall. At these locations, the frames are to be fixed with fasteners that will allow movement of the joint.

## FOUNDATIONS AND FOOTINGS:

- F.1. Foolings shall be placed centrally under walks and columns unless otherwise noted.
  2. All workmanship & materials shall be in accordance with AS 2870 & national construction code (n.c.c.)
  3. The fooling details shown are for the site classification sityulated. Whilst every care has been taken to verify that the information shown is correct, structure consulting engineers take no responsibility for variations which may occur due to variations in site conditions 6.4. Fil used in the construction of a site accept where the slab is suspended shall correct at the care to the accordance with AS 2870.
  4.1. Rolled fil consists of material compacted in layers by repeated rolling with an excavetor. Rolled fill shall not exceed 600mm compacted in layers not more than 300mm for admetrial graded sand fill up to 400mm deep, well compacted in not more than 300mm is preside or whething roller. No sand fill up to 400mm deep, well compacted in not more than 300mm to mechanic allor; call will have the onis during material.
- Sourminagets by viorating paire of viorating forer. No sand in up to 400mm deep, well compacide in not more than 150mm layers by a mechanical lover, cay light should be moist during compacidon. The depths fill given above are depths measured after compaction. For compacted depths greater than that given above the fill shall be subject to contol and testing. If this tails then pairs are required. Contact this office prior to further construction. To go soli containing grass node or other organic material shall be removed from the area on which the slab
- b. If any footing is located such that a line drawn at 45 degrees (for clay and 30 degrees for sand) from its
- base intersects a private service trench, then piers are required. See footing & slab details for example. Footing & slab piers are required where uncontrolled fill under the edge beam/slab is present.

## AUSTRALIAN STANDARD COMPLIANCE

THE BUILDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH BUT NOT LIMITED TO THE FOLLOWING AUSTRALIAN STANDARDS.

- AS/NZS 1664 ALUMINIUM STRUCTURES AS/NZS 1905 COMPONENTS FOR THE PROTECTION OF OPENINGS IN FIRE RESISTANT WALLS. AS 2050 INSTALLATION OF ROOF THES
- WINDOWS IN BUILDINGS SELECTION AND INSTALLATION AS 2047 AS 2159 PILING- DESIGN AND INSTALLATION
- EMERGENCY EVACUATION LIGHTING IN BUILDINGS AS 2293
- AS 2327 COMPOSITE STRUCTURES
- RESIDENTIAL SLABS AND FOOTINGS CONSTRUCTION • AS 2870 AS 1684 RESIDENTIAL TIMBER-FRAMED CONSTRUCTION
- AS 3700 MASONRY STRUCTURES

Stormwater drawings by:

Landscape drawings by:

Survey drawings by:

 AS 1668 AS 2441

- AS 3013 ELECTRICAL INSTALLATIONS
  - THE USE OF MECHANICAL VENTILATION AND AIR CONDITIONING IN BUILDINGS INSTALLATION OF HOSE REELS
- PORTABLE FIRE EXTINGUISHERS AND FIRE BLANKETS SELECTION AND LOCATION AS 2444 AS 3786 SMOKE ALARMS
- AS/NZS 1905 COMPONENTS FOR THE PROTECTION OF OPENINGS IN FIRE-RESISTANTS WALLS
- GLASS IN BUILDINGS SELECTION AND INSTALLATION AS 1288 ACOUSTICS - RECOMENDED DESIGN SOUND LEVELS AND REVERBERATION TIMES FOR BUILDING INTERIORS AS 2107
- TERMITE MANAGEMENTS NEW BUILDING WORKS AS 3660.1

# AND CONSTRUCTION OF DWELLING HOUSES

ISSUE

## 257 WANGEE ROAD, GREENACRE NSW 2190 LOT 198, DP 11603 RWT AS PER

ARCHITECTURAL DRAWINGS

NUMBER	DESCRIPTION
23010 DA 00	SITE PLAN
23010 DA 01	SUBDIVISION PLAN
23010 DA 02	SITE ANALYSIS ,SITE EROSION & SEDIMENT CONTROL PLAN
23010 DA 03	PROPOSED GROUND FL , FIRST FL & ROOF PLAN
23010 DA 04	DIAGRAMS & CALCULATIONS
23010 DA 05	ELEVATIONS & SECTIONS
23010 DA 06	3D VIEWS & DOOR-WINDOW SCHEDULE
23010 DA 07	SHADOW DIAGRAMS 01 - 21ST JUNE
23010 DA 08	SHADOW DIAGRAMS 02 - 21ST JUNE
23010 DA 09	SHADOW DIAGRAMS 03 - 21ST JUNE
23010 DA 10	COLOURS, MATERIALS & STREETSCAPE ELEVATION
23010 DA 11	BASIX COMMINMENTS
23010 DA 12	BASIX COMMINMENTS

## AREA CALCULATIONS

DRAWING

### SITE AREA 613.2m<sup>2</sup> LOT 1 306.60m<sup>2</sup> PROPOSED GROUND FLOOR AREA 102.79m<sup>2</sup> PROPOSED FIRST FLOOR AREA 98.42m<sup>2</sup> TOTAL 201.21m<sup>2</sup> GARAGE 16.80m<sup>2</sup> FRONT PORCH 2 60m<sup>2</sup> ALERESCO 11 60m<sup>2</sup> FIRST FLOOR BALCONY 6.90m LOT 2 306.60m<sup>2</sup> PROPOSED GROUND FLOOR AREA 102.79m<sup>2</sup> 98.42m<sup>2</sup> 201.21m<sup>2</sup> PROPOSED FIRST FLOOR AREA TOTAL GARAGE FRONT PORCH 16.80m 2.60m<sup>2</sup> PATIO 11.60m<sup>2</sup> FIRST FLOOR BALCONY 6.90m LANDSCAPING CALCILATIONS MIN. LANDSC. FORWARD OF BUILDING LINE: 45% OF THE AREA OF THE LOT FORWARD OF THE BUILDING LINE= 0.45 x 129.54m<sup>2</sup> 58.29m<sup>2</sup> PROPOSED LANDSCAPE AREA AT FRONT 71.04m<sup>2</sup> PROPOSED TOTAL LANDSCAPE AREA 207 59m<sup>2</sup>





Owner

CAD Plans COMMENCEMENT OF WORKS CONSTRUCTION TO COMPLY WITH THE BUILDING CODE OF AUSTRALIA, RELEVANT AUST ANDARDS AND APPROVED DEVELOPMENT CONSENT CONDITIONS. DIMENSIONS THAT BELATE TO SITE FOLIDARIES AND EASEMENTS ARE SUBJECT TO DESIGN Solutions

E: info@cadplans.net.au

(02) 8068 217

PROJECT STATUS

### DEVELOPMENT APPLICATION

HIS DESIGN AND PRINT REMAINS THE PROPERTY OF CAD PLANS Pty Ltd AND MUS



 A
 09-08-2024
 ISSUED FOR THE DEVELOPMENT APPLICATION

 ISSUE
 DATE
 AMENDMENT



(1)



PROJECT STATUS:

DEVELOPMENT APPLICATION

PROPOSED DEMOLITION & SUBDIVISION OF THE PARENT LOT AND CONSTRUCTION OF DWELLING HOUSES

SITE ADDRESS: 257 WANGEE RD, GREENACRE NSW 2190

CLIENT: Owner



SHEET TITLE:

DESIGN NASR

## SUBDIVISION PLAN

Author

AUG 2024

SCALE: AS SHOWN





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SSUE	DATE	AMENDMENT	





PROJECT STATUS:

DEVELOPMENT APPLICATION

PROPOSED DEMOLITION & SUBDIVISION OF THE PARENT LOT AND CONSTRUCTION OF DWELLING HOUSES

SITE ADDRESS 257 WANGEE RD, GREENACRE NSW 2190







NTS.

ISSUE

SHEET

SCALE:

AS SHOWN

AUG 2024

А

23010 DA 02

SEDIMENT PLAN



SITE ANALYSIS ,SITE EROSION &

SEDIMENT CONTROL PLAN

author

SHEET TITLE:

DESIG

NASR



23010 DA 03





**GROUND FLOOR - FSR** 1 : 200 @ A1 1 : 200 @ A3





**FIRST FLOOR - FSR** 1 : 200 @ A1 1 : 200 @ A3





LANDSCAPE DIAGRAM 1 : 200 @ A1 1 : 200 @ A3

SITE AREA

LOT 1 PROPOSED G PROPOSED F TOTAL

A 09-08-2024 ISSUED FOR THE DEVELOPMENT APPLICATION
ISSUE DATE AMENDMENT





PROJECT STATUS:

DEVELOPMENT APPLICATION

PROPOSED DEMOLITION & SUBDIVISION OF THE PARENT LOT AND CONSTRUCTION OF DWELLING HOUSES

SITE ADDRESS 257 WANGEE RD, GREENACRE NSW 2190

CLIENT: Owner

## AREA CALCULATIONS

613.2m<sup>2</sup>

LOT 1	306.60m <sup>2</sup>
PROPOSED GROUND FLOOR AREA	102.79m <sup>2</sup>
PROPOSED FIRST FLOOR AREA	98.42m <sup>2</sup>
TOTAL	201.21m <sup>2</sup>
GARAGE	16.80m <sup>2</sup>
FRONT PORCH	2.60m <sup>2</sup>
ALFRESCO	11.60m <sup>2</sup>
FIRST FLOOR BALCONY	6.90m <sup>2</sup>
LOT 2	306.60m <sup>2</sup>
	102.79m <sup>2</sup>
PROPOSED GROUND FLOOR AREA	98.42m <sup>2</sup>
PROPOSED FIRST FLOOR AREA	201.21m <sup>2</sup>
TOTAL	201.2111
GARAGE	16.80m <sup>2</sup>
FRONT PORCH	2.60m <sup>2</sup>
PATIO	11.60m <sup>2</sup>
FIRST FLOOR BALCONY	6.90m <sup>2</sup>
LANDSCAPING CALCILATIONS	
MIN. LANDSC. FORWARD OF BUILDING LINE: 45% OF THE AREA OF THE LOT FORWARD OF THE BUILDING LINE= 0.45 x 129.54m <sup>2</sup>	58.29m²
PROPOSED LANDSCAPE AREA AT FRONT	71.04m <sup>2</sup>
PROPOSED TOTAL LANDSCAPE AREA 136.55m <sup>2</sup> + 71.04m <sup>2</sup>	207.59m <sup>2</sup>

SHEET TITLE:

## **DIAGRAMS & CALCULATIONS**

DRAWN

DATE: AUG 2024

SCALE: AS SHOWN

ISSUE: А SHEET 23010 DA 04

DESIGN NASR

author



LOT 2 55.76 55 76 55.66 54.91 SELECTED FACEBR . 52 61 49.09 49.09











8.5m BUILDING HEIGHT LIMIT

EAST ELEVATION 1 : 100 @ A1

1 : 200 @ A3



		CAD Plans
		39 Cumberland Rd Auburn NSW 2144 P: (02) 8068 2177 ABN 88 606 740 381
 09-08-2024 DATE	ISSUED FOR THE DEVELOPMENT APPLICATION AMENDMENT	M: 0416009172 E: info@cadplans.net.au

IGN Solutions

NASR

author

AUG 2024

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А SHEET 23010 DA 05



## WINDOWS

Mark	Window Style	Width	Height	Location
	1			
1.1	ALUMINIUM AWNING WINDOW	850	2100	LIVING
1.3	ALUMINIUM SLIDING WINDOW	2170	730	LIVING
1.4	ALUMINIUM SLIDING WINDOW	970	1400	L,DRY
1.5	ALUMINIUM SLIDING WINDOW	970	730	BATH
1.6	ALUMINIUM SLIDING WINDOW	1810	1500	BED 5
1.7	ALUMINIUM SLIDING WINDOW	1810	730	KITCHEN
1.8	ALUMINIUM SLIDING WINDOW	1810	730	KITCHEN
1.9	ALUMINIUM AWNING WINDOW	970	2100	FAMILY
1.10	ALUMINIUM AWNING WINDOW	600	2100	ENS
1.10	ALUMINIUM AWNING WINDOW	970	2100	FAMILY
1.11	ALUMINIUM AWNING WINDOW	1925	2300	FAMILY
1.12	ALUMINIUM SLIDING WINDOW	2170	730	M.BED
1.13	ALUMINIUM SLIDING WINDOW	1810	1200	BED 2
1.14	ALUMINIUM SLIDING WINDOW	1450	730	BATH
1.15	ALUMINIUM SLIDING WINDOW	1810	1200	BED 3
1.16	ALUMINIUM SLIDING WINDOW	2170	730	RUMPUS
1.17	ALUMINIUM AWNING WINDOW	730	730	ENS
1.18	ALUMINIUM SLIDING WINDOW	2890	1200	BED 4

	WINDOWS SCI	HEDULE- DWELLI	NG 02	
Mark	Window Style	Height	Width	Location
2.1	ALUMINIUM AWNING WINDOW	2100	850	LIVING
2.3	ALUMINIUM SLIDING WINDOW	730	2170	LIVING
2.4	ALUMINIUM SLIDING WINDOW	1400	970	L,DRY
2.5	ALUMINIUM SLIDING WINDOW	730	970	BATH
2.6	ALUMINIUM SLIDING WINDOW	1500	1810	BED 5
2.7	ALUMINIUM SLIDING WINDOW	730	1810	BUTLURS
2.8	ALUMINIUM SLIDING WINDOW	730	1810	BUTLURS
2.9	ALUMINIUM AWNING WINDOW	2100	970	LIVING
2.10	ALUMINIUM AWNING WINDOW	2100	600	ENS
2.10	ALUMINIUM AWNING WINDOW	2100	970	FAMILY
2.11	ALUMINIUM AWNING WINDOW	2300	1925	FAMILY
2.12	ALUMINIUM SLIDING WINDOW	730	2170	M.BED
2.13	ALUMINIUM SLIDING WINDOW	1200	1810	BED 2
2.14	ALUMINIUM SLIDING WINDOW	730	1450	BATH
2.15	ALUMINIUM SLIDING WINDOW	1200	1810	BED 3
2.16	ALUMINIUM SLIDING WINDOW	730	2170	M.BED
2.17	ALUMINIUM AWNING WINDOW	730	730	ENS
2.18	ALUMINIUM SLIDING WINDOW	1200	2890	BED 4

Grand total: 18

info@cadplans.net.au

### DOORS SCHEDULE - DWELLING 01 Height Width Location Description Mark 1.1Metal Rolling Door1.25 Panel Door 2400 Garage 2400 2324 920 Living 1.3 Single Swing Door 2060 800 Garage 1.4 Single Swing Door 2060 800 L,dry 1.5 Single Swing Door Bath 2060 800 1.6 Single Swing Door 2060 800 Bed 5 1.7 Bifold door 2100 1100 Linen 1.8 Bifold door 2100 1100 Linen 2410 Family, Patio 1.9 Aluminium Sliding Door 2400 1.10 Single Swing Door 2100 820 M.Bed 1.11 Single Swing Door 2100 800 Ens 3010 M.Bed/Balcony 1.12 Aluminium Sliding Door 2400 1.13 Single Swing Door 1.14 Single Swing Door 2100 820 Bed 2 2100 800 Bath 1.15 Single Swing Door 2100 820 Bed 3 1.16 Single Swing Door 2100 820 Bed 4 1.17 Single Swing Door 2100 800 Ens 1.18 Bifold door 2100 1100 Linen 1.19 Bifold door 2100 1100 Linen

Mark 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.7 2.8 2.9 2.10 2.11 2.12 2.13 2.14 2.15 2.16

DOORS

۱.	09-08-2024	ISSUED FOR THE DEVELOPMENT APPLICATION
SSUE	DATE	AMENDMENT



THE BUILDING CODE OF AUSTRALIA,



PROJECT STATUS:

Grand total: 19

DEVELOPMENT APPLICATION

PROPOSED DEMOLITION & SUBDIVISION OF THE PARENT LOT AND CONSTRUCTION OF DWELLING HOUSES

SITE ADDRESS 257 WANGEE RD, GREENACRE NSW 2190

EDULE - D\	WELLING 02	
Height	Width	Location
	•	
2400	2400	Garage
2324	920	Living
2060	800	Garage
2060	800	L,dry
2060	800	Bath
2060	800	Bed 5
2100	1100	Linen
2100	1100	Linen
2400	2410	Family, Patio
2100	820	M.Bed
2100	800	Ens
2400	3010	M.Bed/Balcony
2100	820	Bed 2
2100	800	Bath
2100	820	Bed 3
2100	820	Bed 4
2100	800	Ens
2100	1100	Linen
2100	1100	Linen
	Height 2400 2324 2060 2060 2060 2100 2100 2100 2400 2100 2100 2100 210	2400         2400           2324         920           2060         800           2060         800           2060         800           2060         800           2060         800           2060         800           2060         800           2100         1100           2400         2410           2100         820           2100         800           2400         3010           2100         820           2100         820           2100         800           2100         820           2100         820           2100         820           2100         800           2100         800           2100         800           2100         800           2100         800           2100         800           2100         800

Grand total: 19

SHEET TITLE:

3D VIEWS & DOOR-WINDOW SCHEDULE

А 23010 DA 06

DESIGN NASR

author

DATE AUG 2024 SCALE:

AS SHOWN

## SHADOW DIAGRAMS - 21ST JUNE



А	09-08-2024	ISSUED FOR THE DEVELOPMENT APPLICATION
ISSUE	DATE	AMENDMENT





PROJECT STATUS:

## DEVELOPMENT APPLICATION

PROPOSED DEMOLITION & SUBDIVISION OF THE PARENT LOT AND CONSTRUCTION OF DWELLING HOUSES

SITE ADDRES 257 WANGEE RD, GREENACRE NSW 2190

CLIENT: Owner



SHEET TITLE:

SHADOW DIAGRAMS 01 - 21ST JUNE

А SHEET 23010 DA 07

NASR

AUG 2024

SCALE AS SHOWN



## SHADOW DIAGRAMS - 21ST JUNE

			DES
			39 Cumberlan
			P: (02) 806 M: 041600
А	09-08-2024	ISSUED FOR THE DEVELOPMENT APPLICATION	M: 041600 E: info@ca
ISSUE	DATE	AMENDMENT	E: hio@ca





DEVELOPMENT APPLICATION

PROJECT STATUS:



257 WANGEE RD, GREENACRE NSW 2190

SITE ADDRESS

CLIENT: Owner











## SHADOW DIAGRAMS - 21ST JUNE

# 6 SHADOW @ 4-00PM LOT 02 (FAMILY)

SHEET TITLE:

SHADOW DIAGRAMS 03 - 21ST JUNE

А SHEET 23010 DA 09

NASE

AUG 2024

SCALE: AS SHOWN









А	09-08-2024	ISSUED FOR THE DEVELOPMENT APPLICATION	
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DEVELOPMENT APPLICATION

PROJECT : PROPOSED DEMOLITION & SUBDIVISION OF THE PARENT LOT AND CONSTRUCTION OF DWELLING HOUSES

SITE ADDRESS 257 WANGEE RD, GREENACRE NSW 2190

CLIENT: Owner



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AUG 2024

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## BASIX LOT 01

## BASIX Certificate

Building Sustainability Index www.basix.nsw.gov.au	Project name	257 Wangee Road Greenacre 2190-lot1		
Oin alla Davallia a	Street address	257 WANGEE Road GREENACRE 2190		
Single Dwelling	Local Government Area	Canterbury-Bankstown Council		
Certificate number: 1759570S	Plan type and plan number	Deposited Plan DP11603		
contrate number. 17000700	Lot no.	198		
	Section no.	-		
This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated	Project type	dwelling house (detached)		
	No. of bedrooms	5		
have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at	Project score			
www.basix.nsw.gov.au	Water	✓ 43 Target 40		
Secretary Date of issue: Monday, 12 August 2024	Thermal Performance	V Pass Target Pass		
To be valid, this certificate must be submitted with a development application or lodged with a complying development certificate application within 3 months of the date of issue.	Energy	✓ 73 Target 72		
zitikitz	Materials	✓ -22 Target n/a		
NSW				

Certificate Prepared by
Name / Company Name: PAUL&DAVID CONSULTING PTY LTD.
ABN (if applicable): 20855264341

### Description of project

Project name	257 Wangee Road Greenacre 2190-lot1	Assessor number		101225	
Street address	257 WANGEE Road GREENACRE 2190	Certificate number		O5C7E9NMN2	
Local Government Area	Canterbury-Bankstown Council	Climate zone		56	
Plan type and plan number	Deposited Plan DP11603	Area adjusted cooling	load (MJ/	15	
Lot no.	198	m².year)			
Section no.	-	Area adjusted heating m <sup>2</sup> .year)	load (MJ/	14	
Project type		Project score			
Project type	dwelling house (detached)	Water		✓ 43	Target 40
No. of bedrooms	5			¥ 43	Target 40
Site details		Thermal Performance		V Pass	Target Pas
Site area (m <sup>2</sup> )	307	Energy			
Roof area (m²)	150	Line gy		✓ 73	Target 72
Conditioned floor area (m <sup>2</sup> )	177.2	Materials		-22	Target n/a
Unconditioned floor area (m <sup>2</sup> )	14.0			-	-
Total area of garden and lawn (m <sup>2</sup> )	105	7			
Roof area of the existing dwelling (m <sup>2</sup> )	0	7			

commitments set out below regulate how the proposed development is to be carried out. It is a condition of any develop relopment certificate issued, for the proposed development, that BASIX commitments be complied with.	ment conser	it granted, or complyi	ng
Water Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Fixtures			
The applicant must install showerheads with a minimum rating of 4 star (> 4.5 but <= 6 L/min plus spray force and/or coverage tests) in all showers in the development.		~	~
The applicant must install a toilet flushing system with a minimum rating of 4 star in each toilet in the development.		×	×
The applicant must install taps with a minimum rating of 4 star in the kitchen in the development.		×	
The applicant must install basin taps with a minimum rating of 4 star in each bathroom in the development.		<	
Alternative water			
Rainwater tank			
The applicant must install a rainwater tank of at least 1000 litres on the site. This rainwater tank must meet, and be installed in accordance with, the requirements of all applicable regulatory authorities.	~	~	~
The applicant must configure the rainwater tank to collect rain runoff from at least 150 square metres of the roof area of the development (excluding the area of the roof which drains to any stormwater tank or private dam).		~	~
The applicant must connect the rainwater tank to:			
all toilets in the development		<ul> <li></li> </ul>	<ul> <li></li> </ul>
the cold water tap that supplies each clothes washer in the development		~	<b>~</b>
<ul> <li>at least one outdoor tap in the development (Note: NSW Health does not recommend that rainwater be used for human consumption in areas with potable water supply.)</li> </ul>		<b>~</b>	v

hermal Performance and Materials commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
imulation Method			
ssessor details and thermal loads			
a splicant must attach the certificate refered to under "Assessor Detail" on the front page of this BASIX certificate (the "Assessor details" on the front page of this BASIX certificate (the "assessor detificate) to the development (c) reflexion and construction certificate application for the proposed evelopment. If the applicant in the applicant in a construction certificate the prior detail (the application) is a complexing development (c) reflexion and construction (the application). The applicant must also attach the sessor Certificate to the application for an occupation certificate for the proposed development.			
e Assessor Certificate must have been issued by an Accredited Assessor in accordance with the Thermal Comfort Protocol.			
e details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX artificate, including the Cooling and Heating loads shown on the front page of this certificate and the "Construction" and "Glazing" biots below.			
e applicant must show on the plane accompanying the development application for the proposed development, all matters which le Assessor Conflictés requires to be shown on house plans. Those plans must bear a stamp of endorsement from the Accredited sessor to confly that this is the case. The applicant must show on the plans accompanying the application for a construction inflictat (or complying development certificate), all ghereal possible applications are solved in the Assessor entificate, and all applicate of the proposed development which were used to calculate these specifications.	~	~	~
e applicant must construct the development in accordance with all thermal performance specifications set out in the Assessor entificate, and in accordance with those aspects of the development application or application for a complying development certificate hich were used to calculate those specifications.		~	~
he applicant must show on the plans accompanying the development application for the proposed development, the locations of eiling fans set out in the Assessor Certificate. The applicant must show on the plans accompanying the application for a construction efficiency (or complying development certificate), if applicable), the locations of ceiling fans set out in the Assessor Certificate.	~	~	~

Construction					
The applicant must construct the floors, walls, roofs, ceilings the tables below.	and glazing of the dwelling in accordance with th	e specifications listed in	~	~	~
The applicant must show through receipts that the materials the tables below.	purchased for construction are consistent with the	e specifications listed in			~
Construction	Area - m²	Insulatio	n	_	-
foor - concrete slab on ground, conventional slab.	110	polyureth	rethane		
foor - above habitable rooms or mezzanine, particle board; frame: laminated veneer lumber (LVL)	81.2	fibreglas	preglass batts or roll		
foor - suspended floor above garage, particle board; frame: laminated veneer lumber (LVL).	17	fibregias	reglass batts or roll		
garage floor - concrete slab on ground, waffle pod slab.	16.8	none	e		
external wall: brick veneer; frame: timber - H2 treated softwood.	all external walls	fibreglas	breglass batts or roll+ foil/sarking		
external garage wall: brick veneer; frame: timber - H2 treated softwood.	15	fibreglas	breglass batts or roll+ foil/sarking		
internal wall: plasterboard; frame: timber - H2 treated softwood.	212	none			
ceiling and roof - flat ceiling / pitched roof, framed - metal roof, timber - H2 treated softwood.	150	ceiling: fi	breglass batts	or roll; roof: foil backed	blanket.

BASIX	Department of Planning, Housing and	www.basix.nsw.gov.au	Version: 4.03 / EUCALYPTUS_03_01_0	Certificate No.: 1759570S	Monday, 12 August 2024	page 5/9

Thermal Performance and Materials commitment	s	Show on DA plans	
Glazing			
The applicant must install windows, glazed doors and skylights a listed in the table.	as described in the table below, in accordance with the specifications	<b>~</b>	Ι
Frames	Maximum area - m2		ſ
aluminium	47		7
timber	0		
uPVC	0		_
steel	0		_
composite	0		
Glazing	Maximum area - m2		
single	47		-
double	0		
triple	0		_

Energy Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Hot water			
The applicant must install the following hot water system in the development, or a system with a higher energy rating: gas instantaneous with a performance of 6 stars.	~	~	~
Cooling system			
The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 living area: 1-phase airconditioning - ducted; Energy rating: 2.5 Star (old label)		~	~
The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 bedroom: 1-phase airconditioning - ducted; Energy rating: 2.5 star (average zone)		~	~
Heating system			
The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 living area: 1-phase airconditioning - ducted; Energy rating: 2.5 star (average zone)		~	~
The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 bedroom: 1-phase airconditioning - ducted; Energy rating: 2.5 star (average zone)		~	~
Ventilation			
The applicant must install the following exhaust systems in the development:			
At least 1 Bathroom: individual fan, ducted to façade or roof; Operation control: manual switch on/off		~	v
Kitchen: individual fan, ducted to façade or roof; Operation control: manual switch on/off		<b>~</b>	~
Laundry: individual fan, ducted to façade or roof; Operation control: manual switch on/off		<ul> <li></li> </ul>	v
Artificial lighting			
The applicant must ensure that a minimum of 80% of light fixtures are fitted with fluorescent, compact fluorescent, or light-emitting- diode (LED) lamps.		~	~
Natural lighting			
The applicant must install a window and/or skylight in the kitchen of the dwelling for natural lighting.			



Infrastru	cture
 CAD Plans	ALL DIMENSIONS ARE IN MILLIMETRES 1 ALL DIMENSIONS ARE IN MILLIMETRES 2 ALL CONSTRUCTION TO COMPLY WITH 2 STANDARDS AND APPROVED DEVELOP
 39 Cumberland Rd Auburn NSW 2144 P: (02) 8068 2177 ABN 88 606 740 : M: 0416009172 E: info@cadplans.net.au	4 FIGURED DIMENSIONS TO TAKE PRECE CAD PLANS PTY LTD



WITH THE BUILDING CODE OF AUSTRALIA, RELEVANT AU VELOPMENT CONSENT CONDITIONS.

PROJECT STATUS:

DEVELOPMENT APPLICATION

CLIENT: Owner

PROJECT : PROPOSED DEMOLITION & SUBDIVISION OF THE PARENT LOT AND CONSTRUCTION OF DWELLING HOUSES

SITE ADDRESS: 257 WANGEE RD, GREENACRE NSW 2190

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## BASIX COMMINMENTS

DESIGN: NASR

DRAWN author

DATE: AUG 2024

SCALE: AS SHOWN

ISSUE: А SHEET : 23010 DA 11

## BASIX LOT 02

## **BASIX**<sup>°</sup>Certificate

Department

	Street address	257 WANGEE Road GREENACRE	2			
Single Dwelling	Local Government Area	Canterbury-Bankstown Council				
Certificate number: 1759568S	Plan type and plan number	Deposited Plan DP11603				
Certificate number. 1735063	Lot no.	198				
	Section no.	-				
This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the	Project type	dwelling house (detached)				
commitments set out below. Terms used in this certificate, or in the commitments,	No. of bedrooms 5					
have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at	Project score					
www.basix.nsw.gov.au	Water	✓ 43	Т			
Secretary Date of issue: Monday, 12 August 2024	Thermal Performance	V Pass	Т			
To be valid, this certificate must be submitted with a development application or lodged with a complying development certificate application within 3 months of the date of issue.	Energy	✓ 73	Т			
alikita	Materials	✓ -22	Т			
NSW CONSISTENT						
	Certificate Prepared by					



Department o Infrastructure

Project address		Assessor details and ther		
Project name	257 Wangee Road Greenacre 2190-lot2	Assessor number	101225	
Street address	257 WANGEE Road GREENACRE 2190	Certificate number	49CFTAMF05	
Local Government Area	Canterbury-Bankstown Council	Climate zone	56	
Plan type and plan number	Deposited Plan DP11603	Area adjusted cooling load (MJ/ m <sup>2</sup> ,year)	14	
Lot no.	198	Area adjusted heating load (MJ/	16	
Section no.	-	m <sup>2</sup> .year)	10	
Project type		Project score	1	
Project type	dwelling house (detached)	Water	¥ 43	Т
No. of bedrooms	5		• 43	6
Site details		Thermal Performance	V Pass	Т
Site area (m²)	307	Energy		-
Roof area (m <sup>2</sup> )	150		✓ 73	T
Conditioned floor area (m <sup>2</sup> )	177.2	Materials	✓ -22	Т
Unconditioned floor area (m <sup>2</sup> )	14.0	┦└────		
Total area of garden and lawn (m <sup>2</sup> )	105	7		
Roof area of the existing dwelling (m <sup>2</sup> )	0	7		

# Schedule of BASIX commitments set out below regulate how the pro all toilets in

Departme

utdoor tap in the development (Note: NSW Health does n

the cold water tap that supplie

page :

Thermal Performance and Materials commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Simulation Method			
Assessor details and thermal loads			
The applicant must attach the certificate referred to under "Assessor Details" on the front page of this BASIX certificate (the "Assessor Certificate) to the development application and construction cortificate application for the proposed evelopment (c, if the applicant in applying for a complying development certificate for the proposed development, to that application). The applicant must also attach the Assessor Certificate to the application for an occupation certificate for the proposed development.			
The Assessor Certificate must have been issued by an Accredited Assessor in accordance with the Thermal Comfort Protocol.			
The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX certificate, including the Cooling and Heating loads shown on the front page of this certificate and the "Construction" and "Giazing" tables below.			
The applicant must show on the plane accompanying the development application for the proposed development, all matters which the Advance Certificate requires to be abrown on these plane. Those plane must bere a status of endorsment from the Advance Assessor to certify that this is the case. The applicant must show on the plane accompanying the application for a construction certificate (or complying development certificate), if applicately, all thermal performance appellications as et out. In the Assessor Certificate, and all assets of the proposed development which we used to calculate these expectitioators.	~	~	~
The applicant must construct the development in accordance with all thermal performance specifications set out in the Assessor Certificate, and in accordance with those aspects of the development application or application for a complying development certificate which were used to calculate throse specifications.		×	>
The applicant must show on the plans accompanying the development application for the proposed development, the locations of ceiling fans set out in the Assessor Certificate. The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate), applicable), the locations of ceiling fans set out in the Assessor Certificate.	~	~	~

Construction		_			
	and glazing of the dwelling in accordance with the specifications	listed in	~	~	~
The applicant must show through receipts that the materials the tables below.	purchased for construction are consistent with the specifications	listed in			~
Construction	Area - m <sup>o</sup>	Insulatio	n	_	-
foor - concrete slab on ground, conventional slab.	110	polyureth	polyurethane		
foor - above habitable rooms or mezzanine, particle board; frame: laminated veneer lumber (LVL)	81.2	fibreglass batts or roll			
foor - suspended floor above garage, particle board; frame: laminated veneer lumber (LVL).	17	fibreglass	fibreglass batts or roll		
garage floor - concrete slab on ground, waffle pod slab.	16.8	none	one		
external wall: brick veneer; frame: timber - H2 treated softwood.	all external walls	fibreglass batts or roll+ foil/sarking			
external garage wall: brick veneer; frame: timber - H2 treated softwood.	15	fibreglass batts or roll+ foil/sarking			
internal wall: plasterboard; frame: timber - H2 treated softwood.	212	none			
ceiling and roof - flat ceiling / pitched roof, framed - metal roof, timber - H2 treated softwood.	150	ceiling: fit	breglass batts	or roll; roof: foil backed	blanket.

Glazing		
The applicant must install windows, glazed doors and listed in the table.	skylights as described in the table below,	in accordance with th
_		
Frames		Maximum area - m2
aluminium		47
timber		0
uPVC		0
steel		0

comp	osite			0	
Glazi	ng			Maximum area -	
single	•			47	
doubl	e			0	
triple				0	
DK.	Department of Planning, Housing and	www.basix.nsw.gov.au	Version: 4.03 / EUCA	LYPTUS_03_01_0	Certificate No.: 17

Energy Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifi check
Hot water			
The applicant must install the following hot water system in the development, or a system with a higher energy rating: gas instantaneous with a performance of 6 stars.	~	~	•
Cooling system			
The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 living area: 1-phase airconditioning - ducted; Energy rating: 2.5 star (average zone)		~	•
The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 bedroom: 1-phase airconditioning - ducted; Energy rating: 2.5 star (average zone)		~	•
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The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 living area: 1-phase airconditioning - ducted; Energy rating; 2.5 star (average zone)		~	•
The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 bedroom: 1-phase airconditioning - ducted; Energy rating: 2.5 star (average zone)		~	•
Ventilation			
The applicant must install the following exhaust systems in the development:			$\square$
At least 1 Bathroom: individual fan, ducted to façade or roof; Operation control: manual switch on/off		~	
Kitchen: individual fan, ducted to façade or roof, Operation control: manual switch on/off		<ul> <li></li> </ul>	<b>-</b>
Laundry: individual fan, ducted to façade or roof, Operation control: manual switch on/off		<ul> <li></li> </ul>	
Artificial lighting			
The applicant must ensure that a minimum of 80% of light fixtures are fitted with fluorescent, compact fluorescent, or light-emitting- diode (LED) lamps.		~	•
Natural lighting			
The applicant must install a window and/or skylight in the kitchen of the dwelling for natural lighting.			



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А	09-08-2024	ISSUED FOR THE DEVELOPMENT APPLICATION	
ISSUE	DATE	AMENDMENT	

CAD Plans erland Rd Auburn NSW 2144 8068 2177 6009172 ABN 88 606 740 381 cadplans.net.au



PROJECT STATUS:

DEVELOPMENT APPLICATION

PROJECT : PROPOSED DEMOLITION & SUBDIVISION OF THE PARENT LOT AND CONSTRUCTION OF DWELLING HOUSES

SITE ADDRESS: 257 WANGEE RD, GREENACRE NSW 2190

developi	ment conser	t granted, or complyi	ng
	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
tests) in		~	<b>~</b>
		~	~
		~	
		~	
	~	~	~
		~	~
		<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>
		<ul> <li></li> </ul>	<ul> <li></li> </ul>
		<b>~</b>	<b>~</b>

Monday, 12 August 2024 Certificate No.: 1759568S

page 3/



## BASIX COMMINMENTS

DESIGN:

NASR

### DRAWN: Author

DATE: AUG 2024

SCALE: AS SHOWN

