DEVELOPMENT APPLICATION

Bertucci Residence

246 WHALE BEACH ROAD WHALE BEACH NSW 2107 PROPOSED NEW DWELLING

DRAWING REGISTER						
NO.	DRAWING	SCALE	REV	DATE		
DA-01	COVER SHEET	NTS	В	APRIL 2021		
DA-02	SITE PLAN	1:200	В	APRIL 2021		
DA-03	DEMOLITION PLAN	1:200	Α	JAN 2021		
DA-04	GARAGE	1:100	В	APRIL 2021		
DA-05	GROUND FLOOR	1:100	В	APRIL 2021		
DA-06	FIRST FLOOR PLAN	1:100	Α	JAN 2021		
DA-07	SECOND FLOOR PLAN	1:100	Α	JAN 2021		
DA-08	ELEVATIONS	1:100	В	APRIL 2021		
DA-09	ELEVATION	1:100	В	APRIL 2021		
DA-10	ELEVATION	1:100	В	APRIL 2021		
DA-11	ELEVATION	1:100	В	APRIL 2021		
DA-12	SECTION A:A	1:100	Α	JAN 2021		
DA-13	SECTION B:B	1:100	Α	JAN 2021		
DA-14	POOL DETAIL	1:100	Α	JAN 2021		
DA-15	LANDSCAPE CONCEPT	1:200	В	APRIL 2021		
DA-16	LANSCAPE DETAILS	NTS	Α	JAN 2021		
DA-17	SHADOW DIAGRAM	1:200	В	APRIL 2021		
DA-18	WINDOW & SPEC.	NTS	Α	JAN 2021		



5.4

HOUSE

BUILDING DESIGN STATEMENT

In accordance wth the provisions of Clause A2.2 of, The National Construction Code 2019 (NCC) Volume 2, I herby certify that the design of this project as documented in drawings 1232-DA-01 through DA-18, meets the requirements of the NCC. The design follows established building design principles and is in accordance with all relevant Australian Standards. We hold Professional Indemnity and Public Liability Insurance to the satisfaction of the owner.

Regards

GRANT SEGHERS B.Arch(Hon) Assoc Dip Surv. **Building Designer** GS DESIGN ABN:93 370 632 963 0424 428 602

AMENDMENT
DEVELOPMENT APPLICATION

REFER TO GEOTECHNICAL INVESTIGATION REPORT

Cameron McFadzean

hstar.com.au

denebdesign

0005563812 23 Dec 2020

Assessor

Address

Accreditation No.

246 Whale Beach road, Whale Beach, NSW, 2107

Ref:J3109 WHITE GEOTECHNICAL ENGINEERS

REFER TO STORMWATER DESIGN DOCUMENTATION Ref:201222 D00-D11 NB CONSULTING ENGINEERS

ALL CONSTRUCTION TO MEET BAL 29 & BAL 19 - AS 3959 -2018 SECTION 3 & 7, PLUS SECTION 7.5 OF PLANNING FOR BUSHFIRE PROTECTION -2019. REFER TO BUSHFIRE ASSESSMENT REPORT REF:210630 PREPARED BY BUILDING CODE & BUSHFIRE HAZARD SOLUTIONS PTY LTD.

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Grant Seghers 0424 428 602 grant.seghers@bigpond.com www.grantseghers.com.au

Bertucci Residence 246 Whale Beach Road WHALE BEACH NSW 2107 Lot 211 DP 15376

grant**seghers**design 39 Gondola Road NORTH NARRABEEN NSW 2101 M:0424 428 602 **COVER SHEET**

NTS@A3 15/4/21 **DA-01**

ABSA

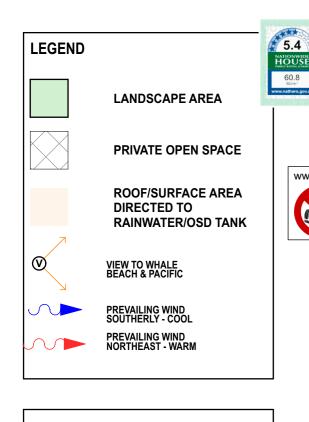
Name Cameron McFadzean

or Number 20756

Period 01/04/2020-31/03/202

Grant Seghers Design

JAN 2021 B APRIL 2021 GENERAL AMENDMENTS SHOWN CLOUDED



0005563812 23 Dec 2020

www.dialbeforeyoudig.com.au

BEFORE YOU DIG

EXIST. NATIVE VEGITATION TO BE RETAINED

MAGENTA LILLY PILLY _ SCREENING

SCREEN PLANTING

MAGENTA LILLY PILLY SCREENING

NOTES

EROSION CONTROL TO CONSIST OF STAKED GEOTECH FABRIC FENCES AND SOCKS.

CONSTRUCTION FENCING AND ACCESS GATES TO FULLY SECURE THE CONSTRUCTION SITE BETWEEN THE EXISTING SIDE BOUNDARY FENCES "WARNING CONSTRUCTION SITE- DO NOT ENTER" SIGNAGE TO BE FIXED TO SECURITY FENCING

ALL CONSTRUCTION TO MEET THE COMMITMENTS OUTLINED IN THE BASIX CERTIFICATE No. 1163311S

LANDSCAPE AREA

LOCATION	AREA (m²)		
Rear Yard(N)	187.4		
Grass Area on Terrace	23.0		
Front Garden & Planters	71.3		
East Planter Hedge 1	10.8		
East Planter Hedge 2	5.1		
East Planter Hedge 3	2.0		
6% of Site Area (Pool Terrace)	40.4		
Total Landscape Area	340		
SITE AREA	673.8		
Landscape % of Site Area	50.5%		

No. 244 WHALE BEACH RD 1,000 BOUNDARY 247° 22' 00" - 14.02m WHALE BEACH ROAD

BOUNDARY 58° 42' 15" - 24.385m

187.43 m²

No. 246 WHALE BEACH RD

BANANA TREES REMOVED

30.35 NTERRACE

POOL

Site Plan

35.83 m²

D.P. 15376

SITE AREA

673.8m²

175.84 m²

GRASS

22.96 m²

BANANA TREE REMOVED

6.5m SETBACK LINE

ROCK

2,500

BOUNDARY

8

Ş

10.76 m

EXISTING ROCK OVERHANG TO BE MAINTAINED

EXISTING DWELLING SHOWN WITH BLUE OUTLINE AND BLUE FILL

No. 248 WHALE BEACH RD

MAGENTA LILLY PILLY SCREENING

SMALL TREE REMOVED

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Bertucci Residence 246 Whale Beach Road WHALE BEACH NSW 2107 Lot 211 DP 15376

grant**seghers**design 39 Gondola Road NORTH NARRABEEN NSW 2101 M:0424 428 602 SITE PLAN & SITE ANALYSIS PLAN

1:200@A3 1232

1:200

SYDNEY SUN PATH DIAGRAM

DA-02

NOTES

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DEMOLITION NOTES

01 EXTENT OF WORKS: DEMOLITION

Perform work described here and shown on drawings including but not limited to: Demolish in accordance with demolition drawings Clean site thoroughly on completion

02 STANDARDS: DEMOLITION

COMPLY WITH APPLICABLE CLAUSES OF THESE BUILDING STANDARDS. Current Edition AS 2187 Explosives - storage, transport and use, There are 5 parts to this standard 1993-1999.
AS 2436 1981 Guide to noise control on construction, maintenance and demolition sites.

Public and Property Protection: Provide measures required by municipal and state ordinances, laws, and regulations for the protection of surrounding property, footpaths, streets, kerbs, the public, occupants and workmen during demolition operations. Comply with the above ordinances, laws etc. in carrying out measures including barricades fences, warning lights and signs, rubbish chutes, etc.. No blasting for demolition purposes will be permitted. Exercise due care in executing this work. Make good to original condition, damage to structures to be retained and to adjacent property which results from demolition operations. Perform restoration work without expense to the Proprietor.

Comply throughout with the current edition of the National Construction Code (NCC) of Australia.

SEDIMENT CONTROL NOTES

01 EXTENT OF WORKS: SEDIMENT CONTROL

Perform work described here and shown on drawings including but not limited to:

Single means of entry/egress with shake down grid or entry platform.

ediment control fences to be installed as shown on documents.

Geotextile socks to be used to protect public assets

All stockpiles to be covered to prevent erosion and runoff.

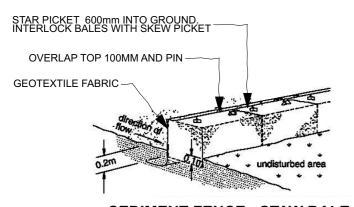
Connect and Commission Stormwater network as soon as practicable

Clean site thoroughly on completion

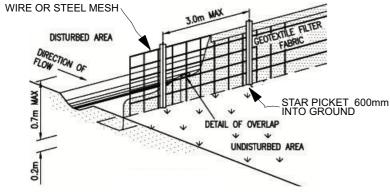
02 STANDARDS: SEDIMENT CONTROL

COMPLY WITH APPLICABLE CLAUSES OF THE NCC

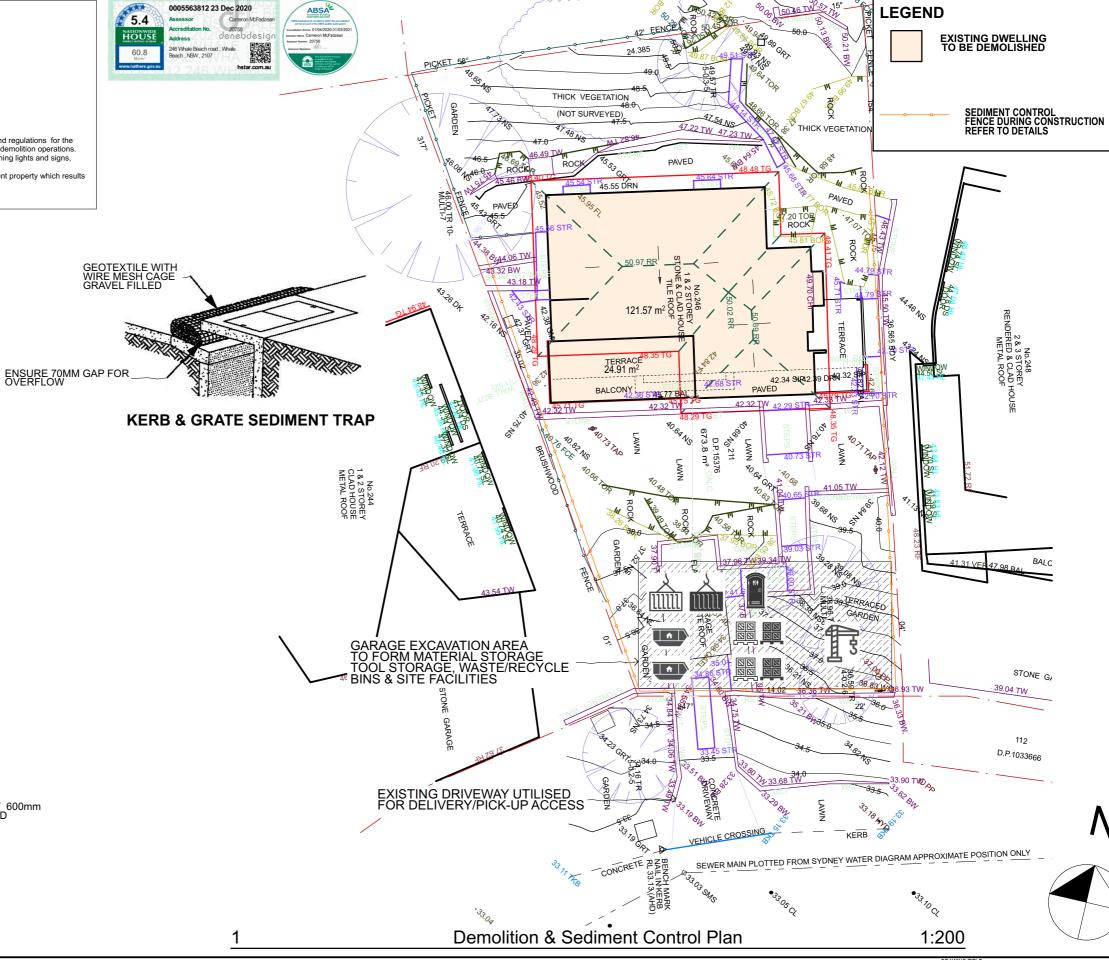
Comply throughout with the current edition of the National Construction Code (NCC) of Australia



SEDIMENT FENCE - STAW BALE



SEDIMENT FENCE - MESH



NOTES

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CAD Ref: 246 Whale Beach Rd DA07.plr

AMENDMENT DEVELOPMENT APPLICATION

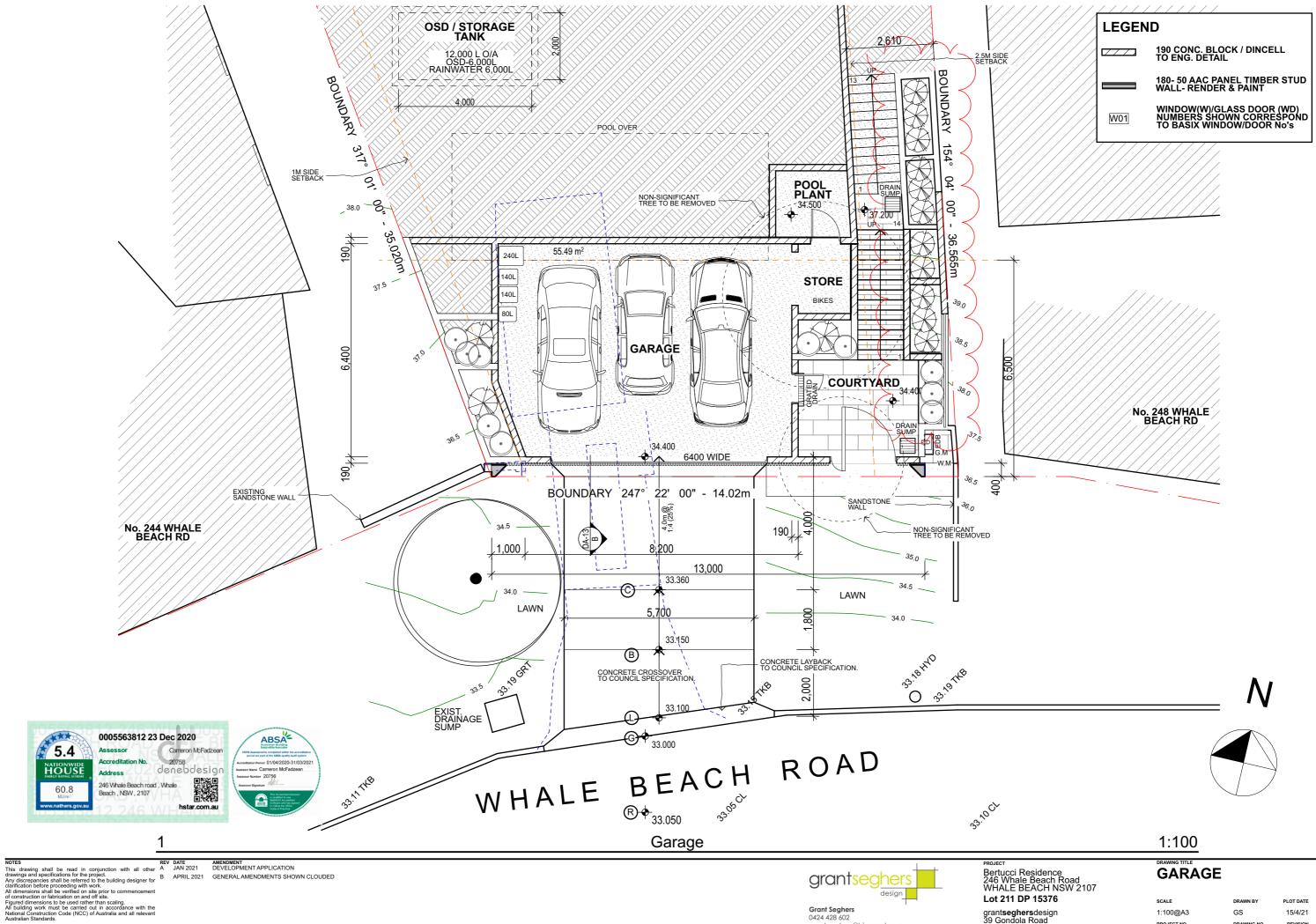


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Bertucci Residence 246 Whale Beach Road WHALE BEACH NSW 2107 Lot 211 DP 15376

grant**seghers**design 39 Gondola Road NORTH NARRABEEN NSW 2101 M:0424 428 602 **DEMOLITION PLAN & SEDIMENT CONTROL**

1:200@A3 1/2/21 1232 **DA-03** Α



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Lot 211 DP 15376

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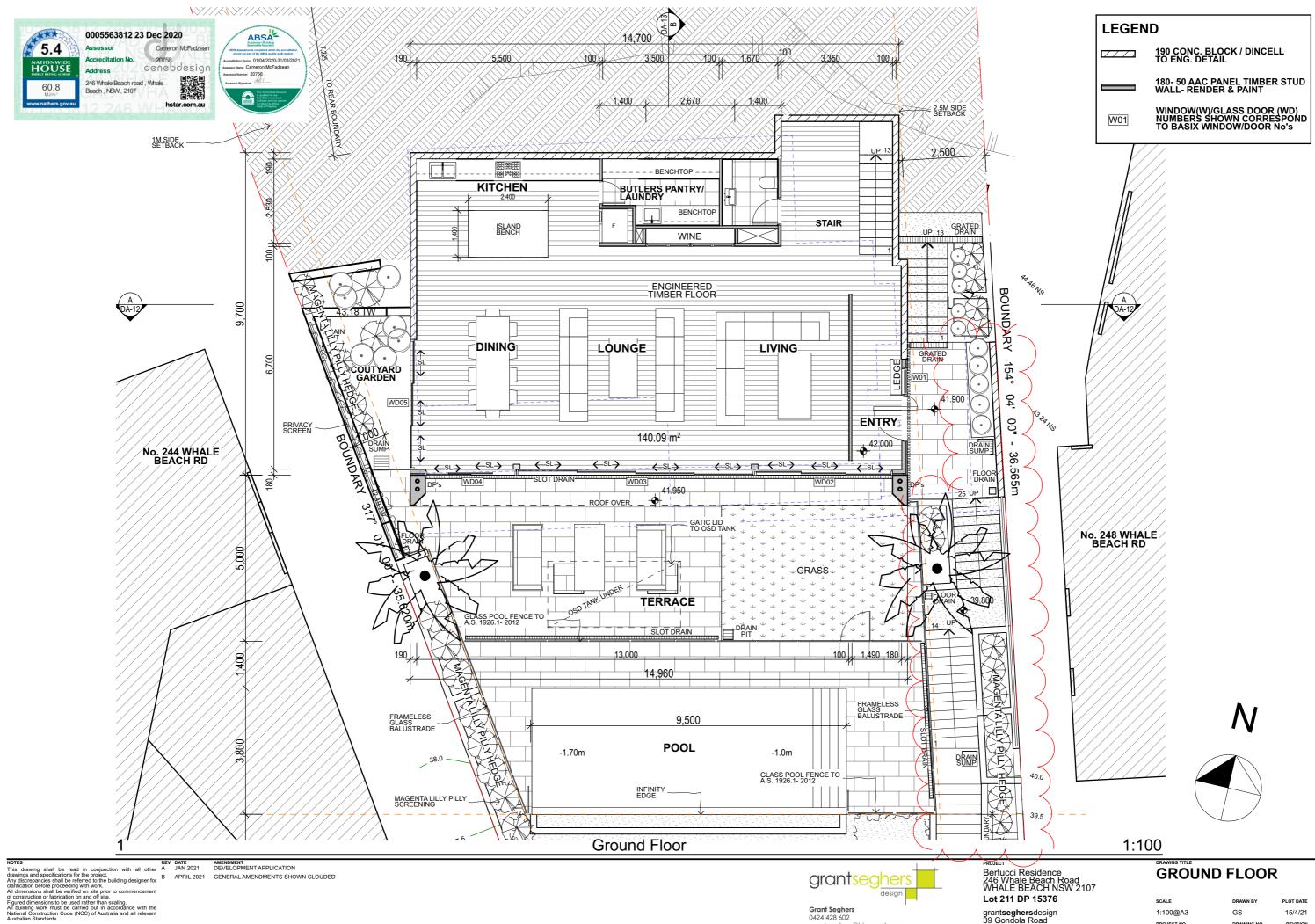
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В **DA-04**

15/4/21

5.4

HOUSE



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GROUND FLOOR

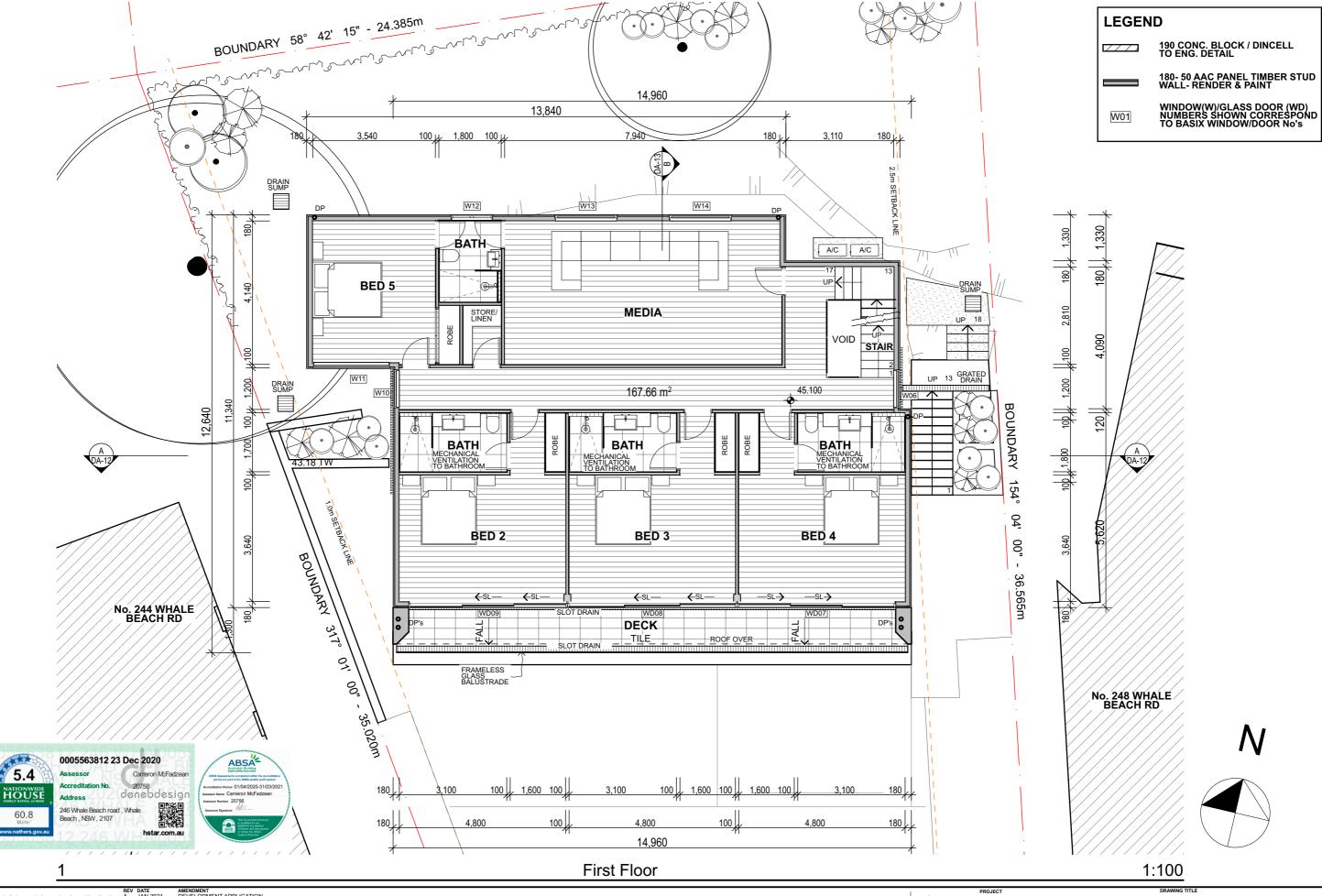
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1232

DA-05

15/4/21

В



NOTES

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CAD Ref: 246 Whale Beach Rd DA07.plr Grant Seghers Design

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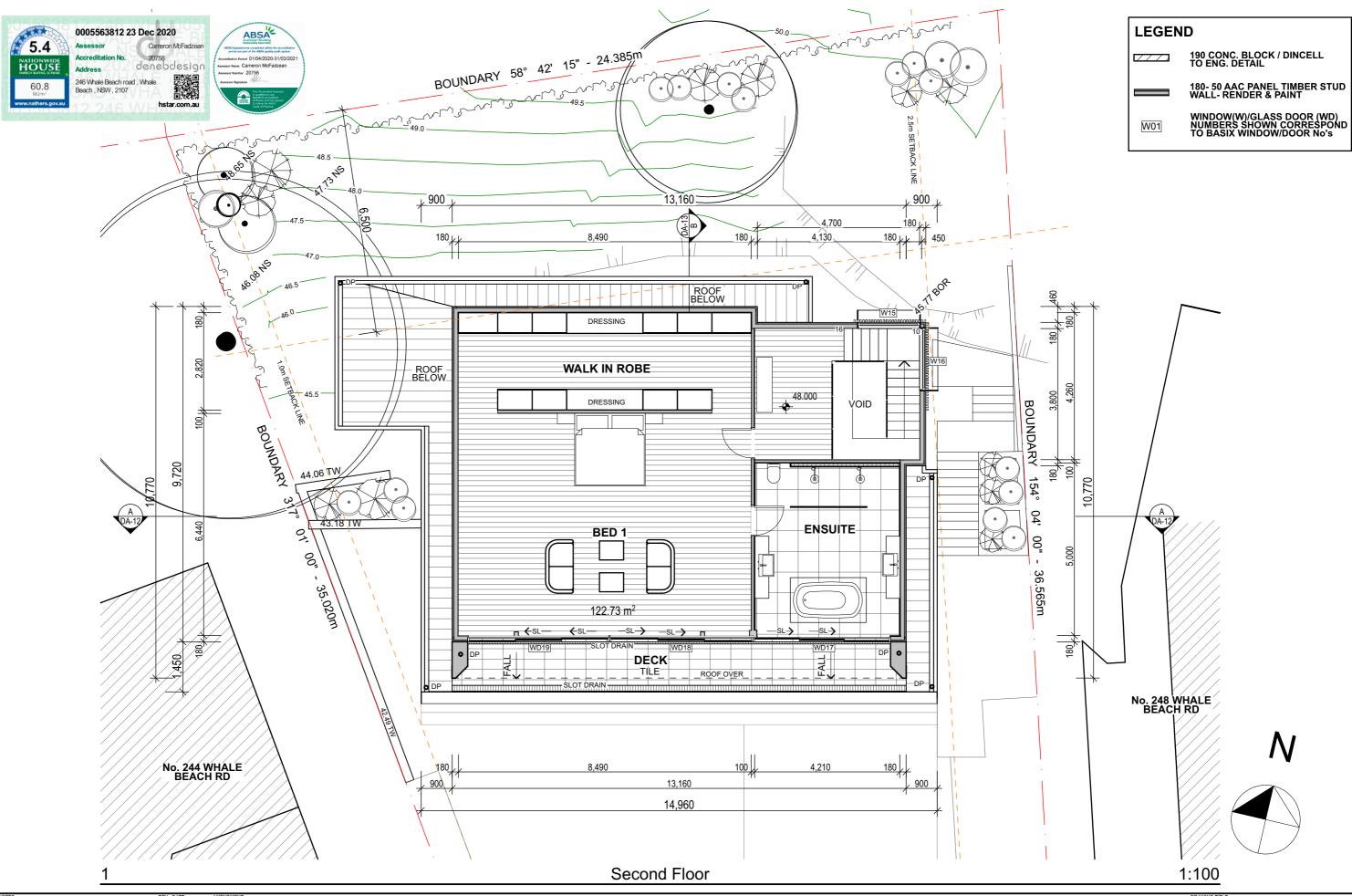
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FIRST FLOOR PLAN

SCALE 1:100@A3 1232

1/2/21 REVISION **DA-06** Α



NOTES

This drawing shall be read in conjunction with all other A

JAN 2021
drawings and specifications for the project.

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AMENDMENT DEVELOPMENT APPLICATION



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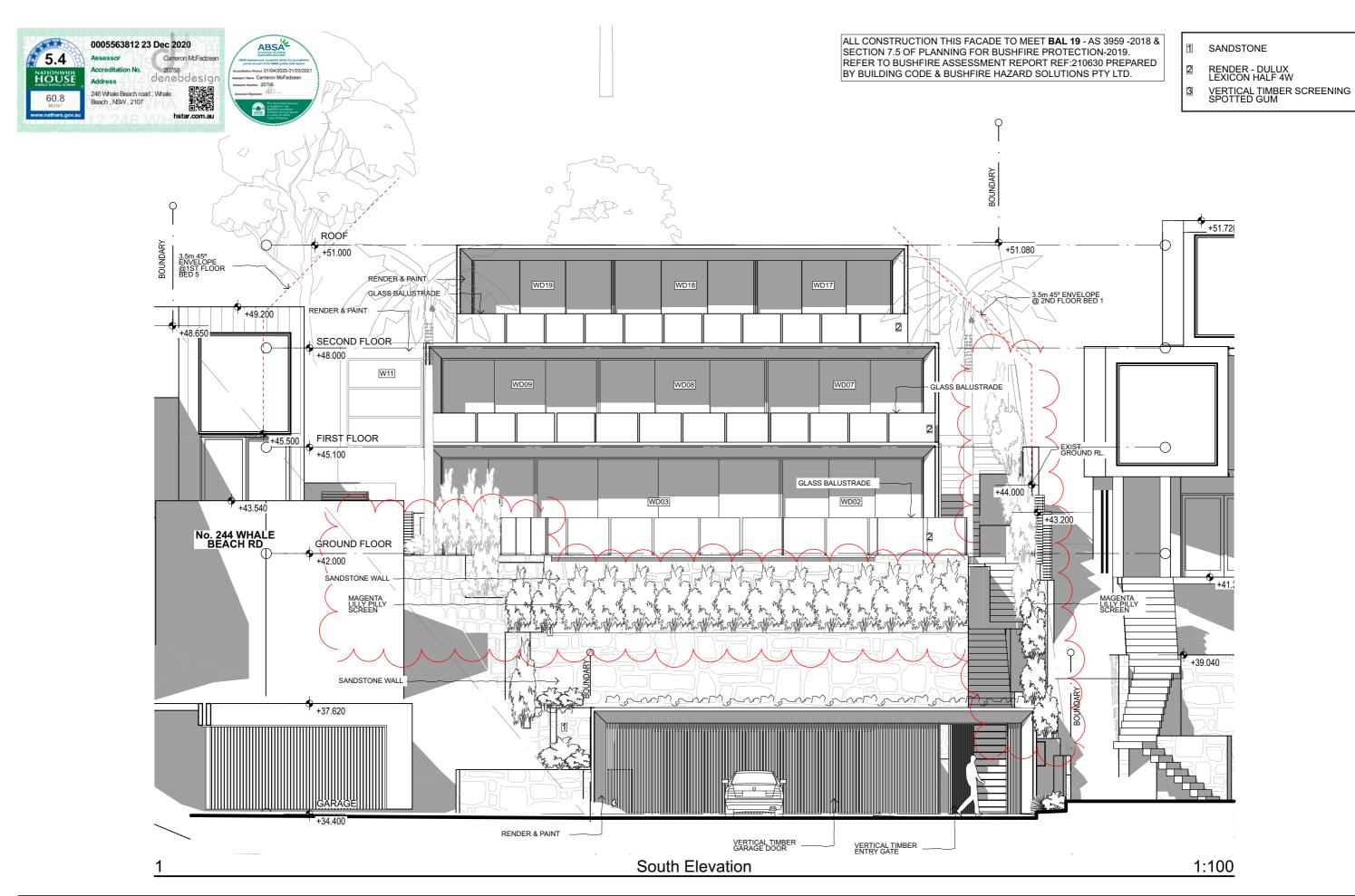
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SECOND FLOOR PLAN

SCALE 1:100@A3 1232

REVISION DA-07 Α

1/2/21



NOTES

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CAD Ref: 246 Whale Beach Rd DA08.plr Grant Seghers Design



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ELEVATIONS

1:100@A3 1232

15/4/21 **DA-08**

SCHEDULE OF EXTERNAL FINISHES

AREA	SUBSTRATE	FINISH	COLOUR
Walls - Ground Floor	Conc Block/ Dincell	Render & Paint	Dulux-Lexicon Half 4W
Walls - First Floor/Second Stud Frame Floor		Render & Paint	Dulux-Lexicon Half 4W
Roof	Custom Orb Steel - Trimdeck	Colorbond	Colorbond - Windspray
Window/Glass Door Frame	Aluminium	Powdercoat	Woodland Grey
Walls/ Garage, Ground, First & Second	Vertical Timber on spacing frame	Pre-finished	Natural - Spotted Gum
Retaining Walls	Conc. Block- Dincell	Eco - Outdoor- Crackencak	Natural Sandstaone

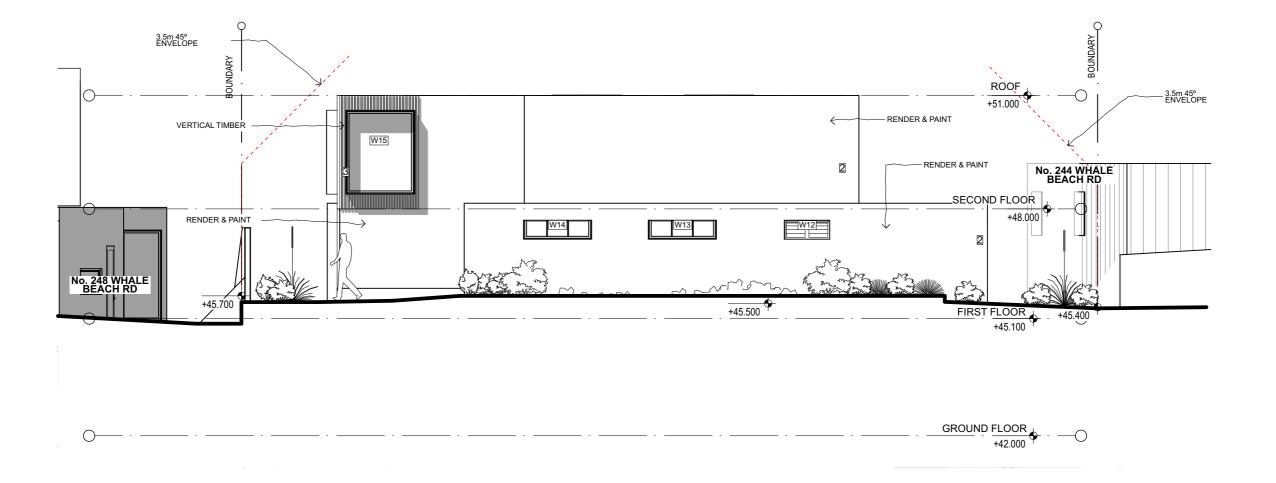


- SANDSTONE ECO OUTDOOR-CRACKENBACK
- RENDER DULUX LEXICON HALF 4W
- VERTICAL TIMBER SCREENING SPOTTED GUM

ALL CONSTRUCTION THIS FACADE TO MEET **BAL 29** - AS 3959 - 2018 & SECTION 7.5 OF PLANNING FOR BUSHFIRE PROTECTION - 2019. REFER TO BUSHFIRE ASSESSMENT REPORT REF:210630 PREPARED BY BUILDING CODE & BUSHFIRE HAZARD SOLUTIONS PTY LTD.







North Elevation

NOTES
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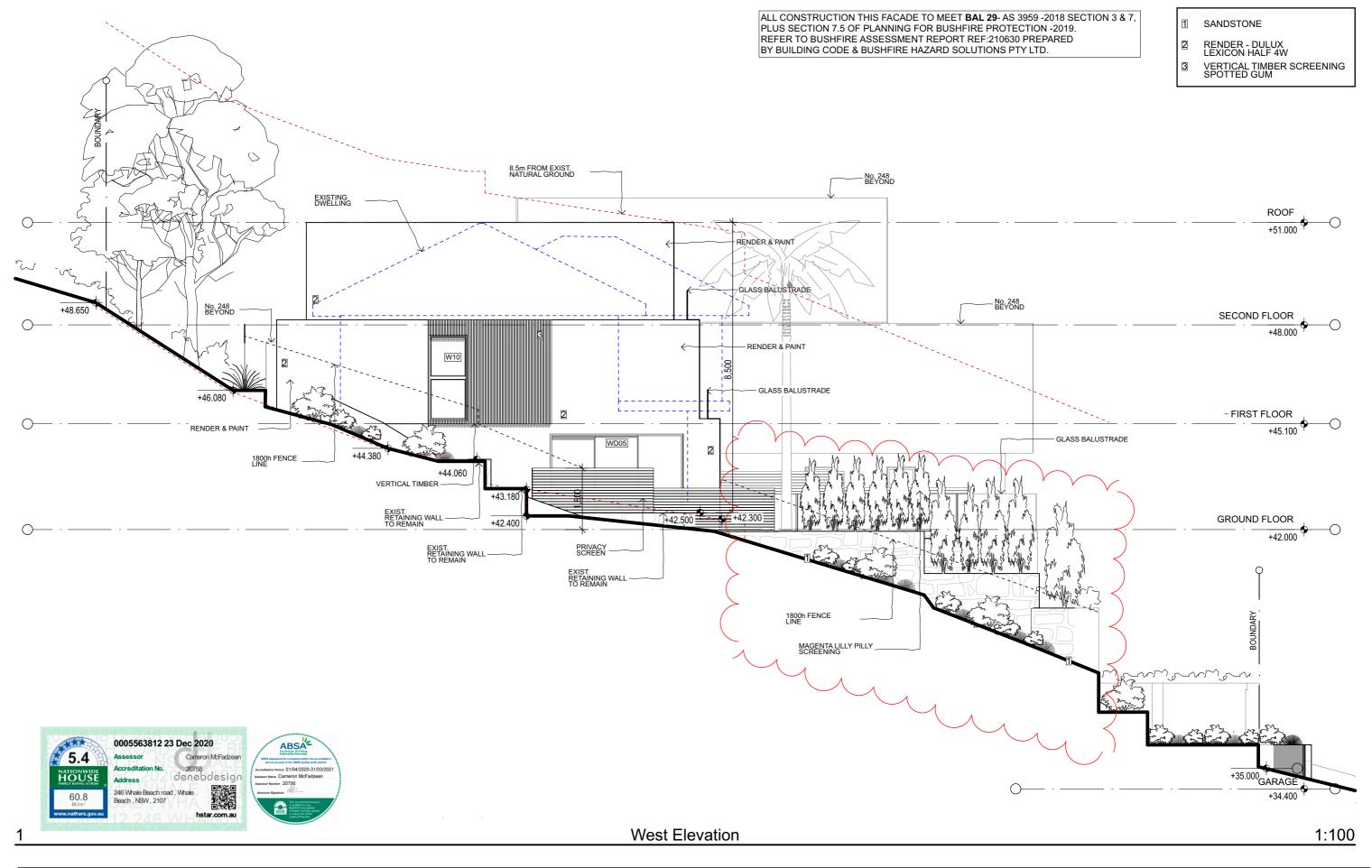
grantseghersdesign 39 Gondola Road NORTH NARRABEEN NSW 2101 M:0424 428 602

ELEVATION

1:100

1:100@A3 1232

15/4/21 В DA-09



NOTES

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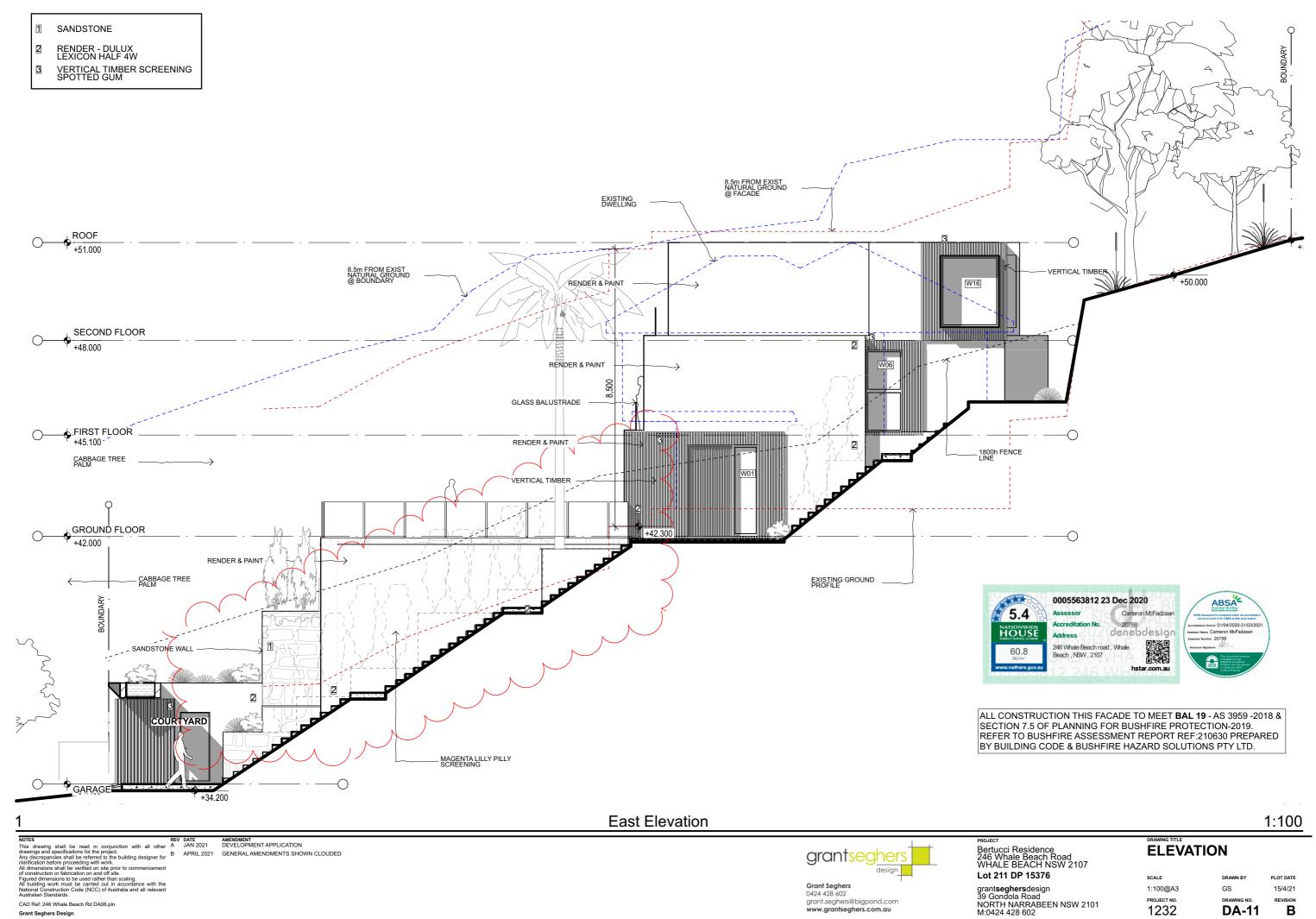
Bertucci Residence 246 Whale Beach Road WHALE BEACH NSW 2107 Lot 211 DP 15376

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ELEVATION

1:100@A3

15/4/21 1232 DA-10



1232

В

DA-11

CAD Ref: 246 Whale Beach Rd DA08.plr Grant Seghers Design

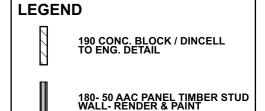
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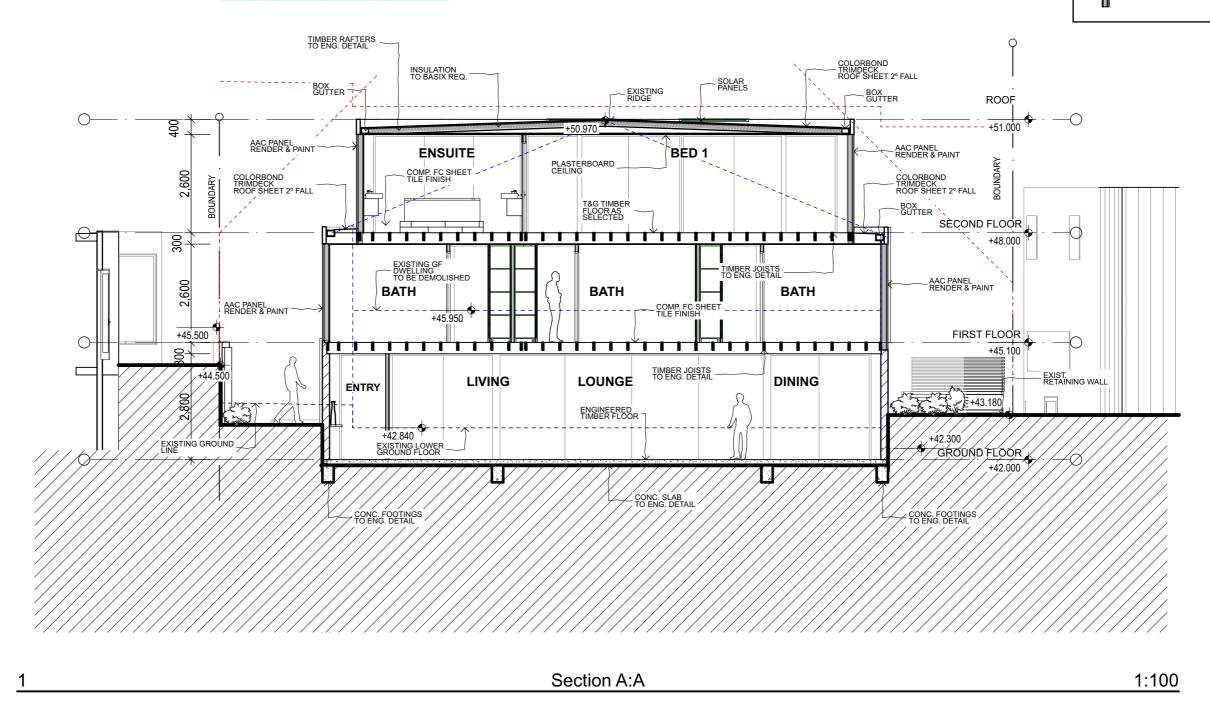
REFER TO INSULATION SPECIFICATION, NATHERS CERTIFICATE AND BASIX CERTIFICATE



ABSA Australian Building

ALL CONSTRUCTION TO MEET BAL 29 & BAL 19 - AS 3959 -2018 & SECTION 7.5 OF PLANNING FOR BUSHFIRE PROTECTION -2019. REFER TO BUSHFIRE ASSESSMENT REPORT REF:210630 PREPARED BY BUILDING CODE & BUSHFIRE HAZARD SOLUTIONS PTY LTD.





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AMENDMENT
DEVELOPMENT APPLICATION

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CAD Ref: 246 Whale Beach Rd DA07.plr Grant Seghers Design



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Bertucci Residence 246 Whale Beach Road WHALE BEACH NSW 2107 Lot 211 DP 15376

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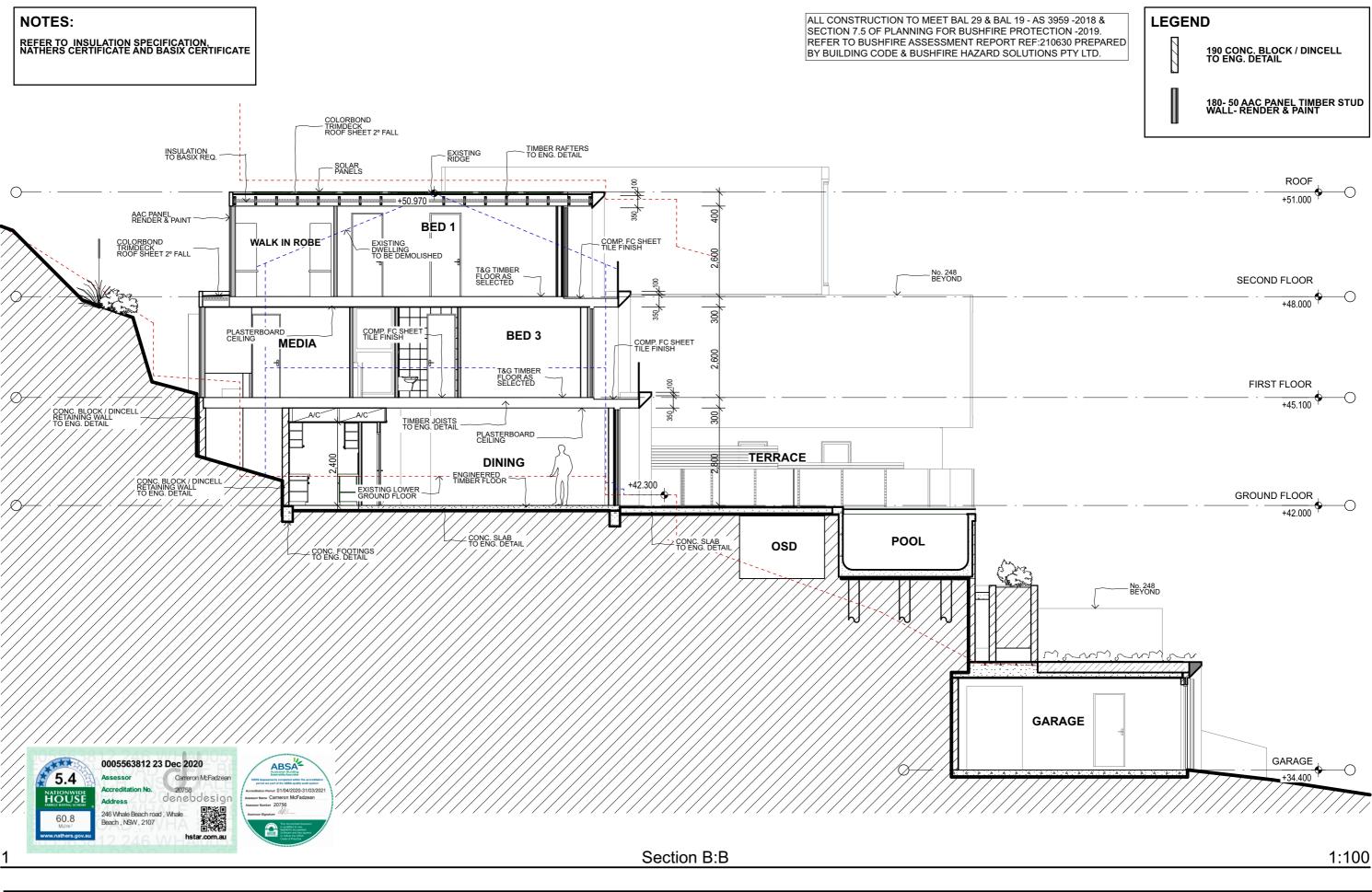
SECTION A:A

SCALE 1:100@A3 1232 DA-12

PLOT DATE

1/2/21

REVISION



NOTES
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CAD Ref: 246 Whale Beach Rd DA07.plr

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AMENDMENT DEVELOPMENT APPLICATION



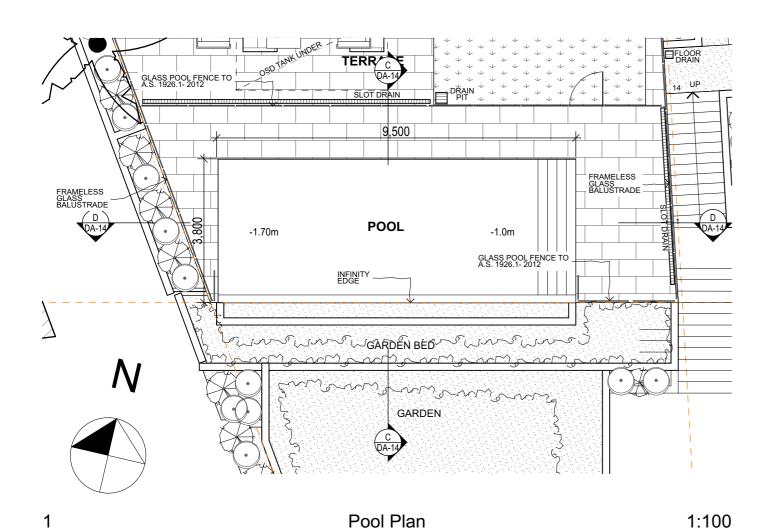
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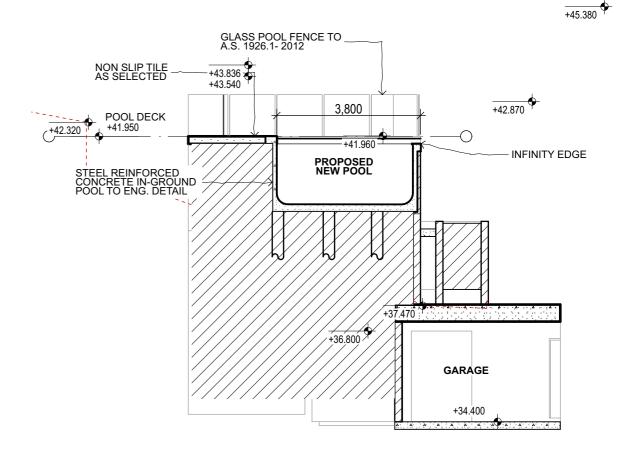
Bertucci Residence 246 Whale Beach Road WHALE BEACH NSW 2107 Lot 211 DP 15376

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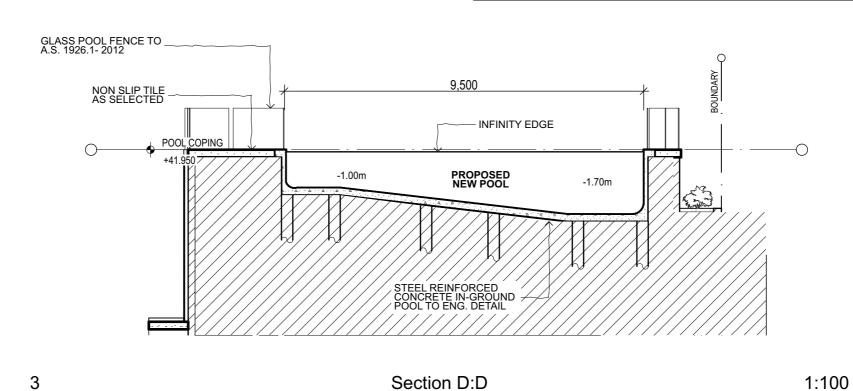
SECTION B:B

SCALE PLOT DATE 1:100@A3 1/2/21 REVISION 1232 **DA-13**





Section C:C







AMENDMENT
DEVELOPMENT APPLICATION

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grantseghersdesign 39 Gondola Road NORTH NARRABEEN NSW 2101 M:0424 428 602 POOL DETAIL

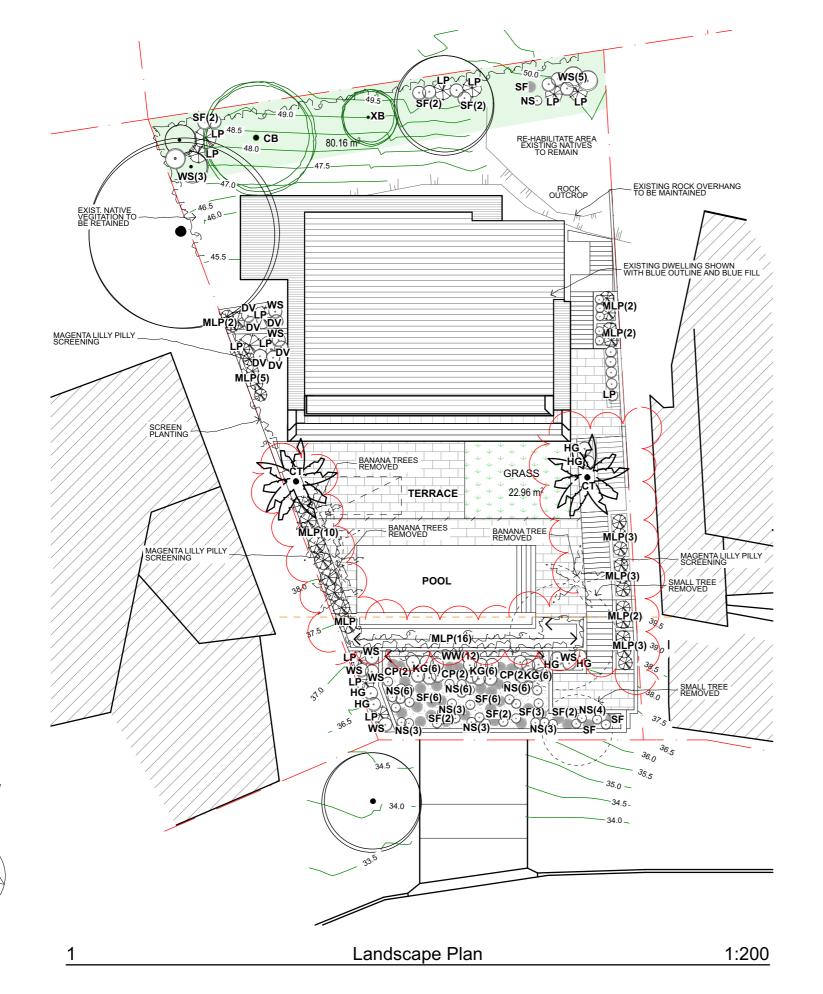
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 1/2/21

 PROJECT NO.
 DRAWING NO.
 REVISION

 1232
 DA-14
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1:100



This drawing shall be read in conjunction with all other A JAN 2021 drawings and specificants for the project.

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AMENDMENT
DEVELOPMENT APPLICATION

REFER TO BASIX CERTIFICATE

LEGEND						
+ + + +	GRASSED LAWN					
	EXISTING NON-SIGNIFICANT TREE TO BE REMOVED					
\odot	EXISTING TREE TO BE RETAINED					
	NATIVE PLANTING AREA BASIX REQUIREMENT					

PLANTING SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	POT SIZE	MATURE HEIGHT	QUANTITY	
	TREES					
СВ	Banksia integrifolia	ksia integrifolia Coastal Banksia		8-10m	1	
ХВ	Ceratopetalum gummiferum	NSW Christmas Bush	20L V	6-8m	1	
СТ	Livistona australis	Cabbage Tree Palm	45L	10-12m	2	
	SHRUBS					
MLP	Syzygium paniculatum	Magenta Lilly Pilly	300mm	3-4m	30	
LP	Acmena smithii minor	Dwarf Lilly Pilly	200mm	3.0m	16	
HG	Goodenia ovata	Hop Goodenia	200mm	1.0m	4	
ws	Grevillea linearifolia	White Spider Flower	200mm	1.5m	12	
DV	Desmodium varians	Desmodium	100mm	ground	6	
	GRASSES & GROUND COVERS					
СР	Hardenbergia Violacea	Purple Coral Pea	140mm	0.2m	16	
KG	Themada australis	Kangaroo Grass	100mm 0.3m		18	
NS	Carex appressa	Native Sedge	140mm	0.7m	12	
SF	Gymnostachys anceps	Settlers Flax	140mm 0.6m		14	
ww	Pandorea Pandora	Wonga-Wong Vine	140mm	0.5m	12	

SOIL WORKS

TOPSOIL

Topsoil shall be an approved quality sandy loam comprising 85% course and fine sands and no more than 15% humus and fine materials.

It shall be in a friable state and free from any materials toxic to plant growth, and free from stumps, roots, clay lumps or similar materials. It shall be entirely free from noxious weeds. Topsoil shall not be worked whilst in a sodden condition.

PLANTING SOIL

Planting soil shall be a mixture of site topsoil, humus and appropriate fertiliser. Add organic matter in the form of compost to a minimum depth of 200mm. Organic matter shall be thoroughly mixed through the prepared soil before planting.



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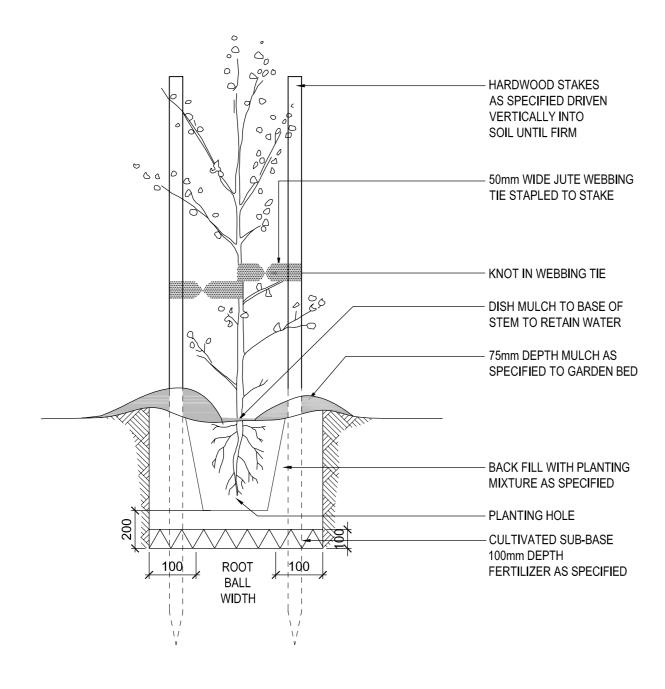
Bertucci Residence 246 Whale Beach Road WHALE BEACH NSW 2107 Lot 211 DP 15376

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LANDSCAPE CONCEPT **PLAN** 1:200@A3 15/4/21

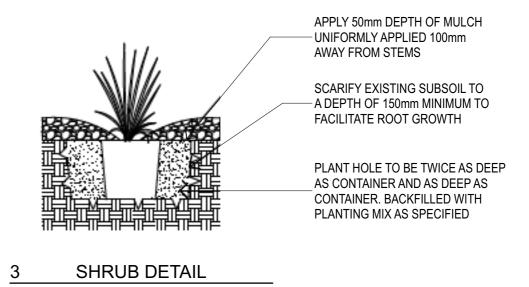
DA-15

1232



-WELL TAMPED DOWN IN BRICKWORK PATTERN ACROSS ANY SLOPE - 100mm BEDDING LAYER OF TURF UNDERLAY 75mm LAYER OF SITE TOPSOIL BREAK UP SUB-GRADE 100mm DEEP TURF DETAIL

TURF LAID TIGHTLY BUTTED &



TREE PLANTING

NOTES

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AMENDMENT
DEVELOPMENT APPLICATION



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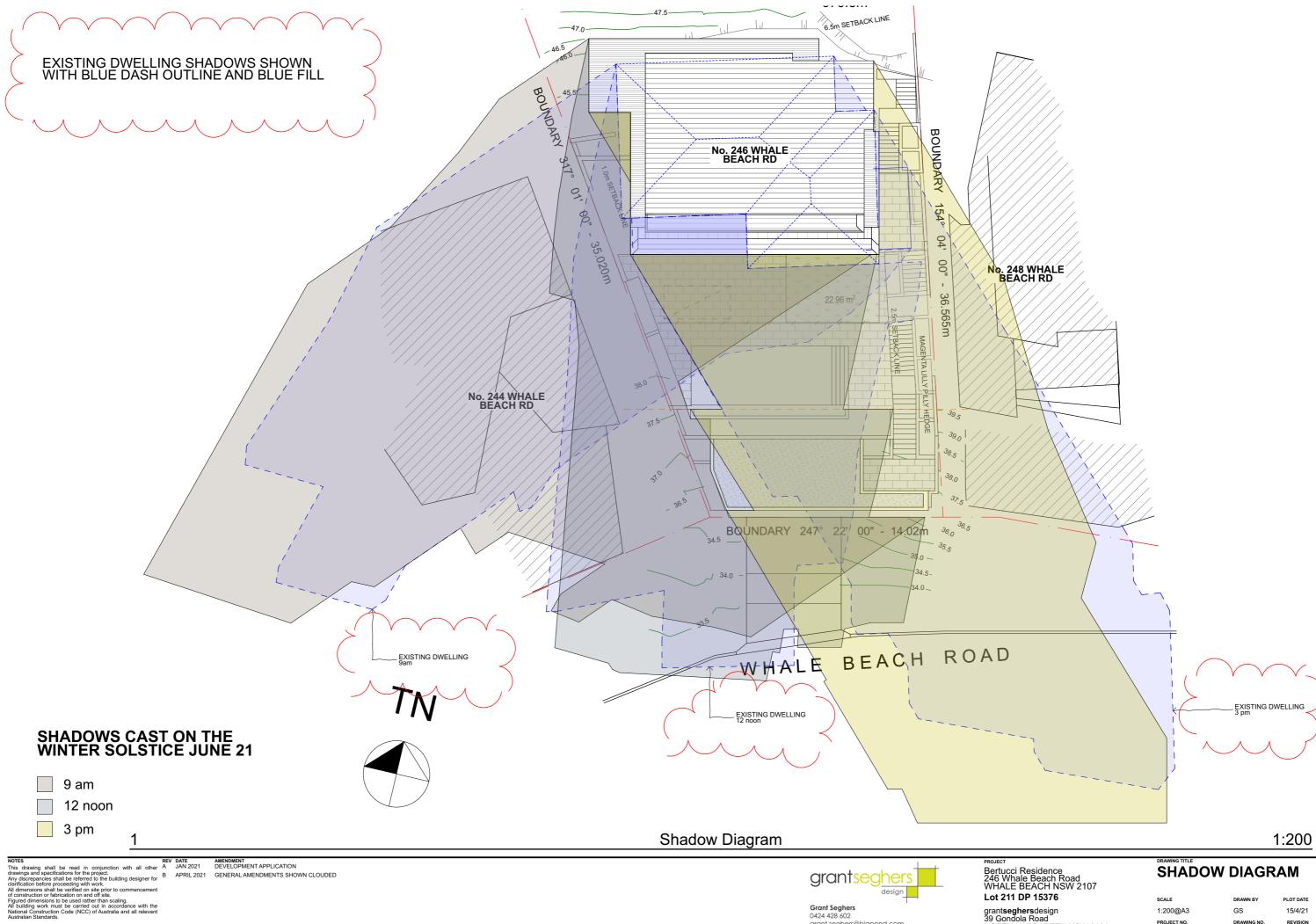
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LANSCAPE DETAILS

PLOT DATE

1/2/21 REVISION

SCALE NTS 1232 **DA-16**



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1:200@A3 15/4/21 1232 DA-17

INSULATION SPECIFICATION

External Wall - R1.7 added throughout

7.0 m2 Concrete Block No Insulation - Garage

72.5 m2 Concrete Block to earth No Insulation - Garage 196.3 m2 AAC Cavity Panel Direct Fix Bulk Insulation R1.70 17.4 m2 Concrete Block Bulk Insulation R1.70

64.4 m2 Concrete Block to earth Bulk Insulation R1.70

Internal Wall - R1 added throughout

10.8 m2 Cavity wall, direct fix plasterboard, single gap No Insulation - Garage

244.4 m2 Cavity wall, direct fix plasterboard, single gap Bulk Insulation, Air Gap R 1.0

External Floor - R2.5 added throughout

73.4 m2 Concrete Slab on Ground 100mm Bare No Insulation - Garage 144.5 m2 Concrete Slab on Ground 100mm Cork Tiles or Parquetry 8mm Bulk Insulation in Contact with Floor R 2.5 38.7 m2 Suspended Concrete Slab 150mm Cork Tiles or Parguetry 8mm Bulk Insulation in Contact with Floor R 2.5

External Ceiling – R4 added throughout

245.3 m2 Plasterboard Bulk Insulation R4.0 Unventilated roofspace 11.2 m2 Plasterboard No Insulation Unventilated roofspace - Garage

Internal Floor/Ceiling - R2 added throughout

131.3 m2 Concrete Above Plasterboard Bulk Insulation R 2.0 122.6 m2 Timber Above Plasterboard Bulk Insulation R 2.0

Roof (Horizontal area) – anti-con building blanket or equivalent

73.4 m2 Concrete Bulk, Reflective Side Down, No Air Gap Above R 0.7 2° slope Skillion roof - Garage

183.2 m2 Corrugated Iron Bulk, Reflective Side Down, No Air Gap Above R 0.7 2° slope Hip roof

NOTES:

FLYSCREENS TO ALL OPERABLE WINDOWS & DOORS

ALUMINIUM FRAMED WINDOWS POWDERCOAT FINISH COLOUR TBA

REFER TO BASIX CERTIFICATE No. 1163311S





	BASIX -	WINDOW	SCHEDULE			
Wln/Door No.	Orientation	Width	Height	W/D opening (m2)	Frame Type	Operation/ Notes
W01	E	800	2800	2.24	Aluminium - Powder-coated	Front Door Side Light
WD02	S	4150	2800	11.62	Aluminium - Powder-coated	Sliding Door. Slide/Slide - Double Glazed
WD03	S	5760	2800	16.13	Aluminium - Powder-coated	Sliding Door. Slide/Slide - Double Glazed
WD04	S	4150	2800	11.62	Aluminium - Powder-coated	Sliding Door. Slide/Slide - Double Glazed
WD05	W	4000	2800	11.6	Aluminium - Powder-coated	Sliding Door. Slide/Slide/Slide
W06	E	1100	2500	2.75	Aluminium - Powder-coated	Double Hung
WD07	S	4560	2600	11.91	Aluminium - Powder-coated	Sliding Door. Slide/Slide/Slide
WD08	S	4940	2600	12.74	Aluminium - Powder-coated	Sliding Door. Slide/Slide/Fixed
WD09	S	4560	2600	11.91	Aluminium - Powder-coated	Sliding Door. Slide/Slide/Fixed
W10	W	1100	2500	2.75	Aluminium - Powder-coated	Double Hung
W11	S	2200	2600	5.72	Aluminium - Powder-coated	Double Hung
W12	N	1200	600	0.72	Aluminium - Powder-coated	Louvre/Louvre - Opaque
W13	N	1800	600	1.08	Aluminium - Powder-coated	Slide
W14	N	1800	600	1.08	Aluminium - Powder-coated	Slide
W15	N	1800	2200	3.96	Aluminium - Powder-coated	Fixed
W16	E	1800	2200	3.96	Aluminium - Powder-coated	Fixed
WD17	S	3930	2600	10.22	Aluminium - Powder-coated	Sliding Door. Slide/Slide/Fixed
WD18	S	4400	2600	11.44	Aluminium - Powder-coated	Sliding Door. Slide/Slide/Fixed
WD19	S	3930	2600	10.22	Aluminium - Powder-coated	Sliding Door. Slide/Slide/Fixed

REFER TO Nationwide House Energy Rating Scheme (Nathers) CERTIFICATE FOR THE SPECIFIC PERFORMANCE VALUES OF EACH WINDOW AND EACH WALL, FLOOR, CEILING AND ROOF ELEMENTS.

AMENDMENT
DEVELOPMENT APPLICATION

NOTES
This drawing shall be read in conjunction with all other A JAN 2021 drawings and specifications for the project.
Any discrepancies shall be referred to the building designer for clarification before proceeding with work.
All dimensions shall be verified on site prior to commencement of construction or fabrication on and off site.
Figured dimensions to be used rather than scaling.
All building work must be carried out in accordance with the National Construction Code (NCC) of Australia and all relevant Australian Standards.

CAD Ref: 246 Whale Beach Rd DA07.plr Grant Seghers Design

Bertucci Residence 246 Whale Beach Road WHALE BEACH NSW 2107 Lot 211 DP 15376

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WINDOW & SPEC.

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PLOT DATE GS 1/2/21 REVISION

DA-18

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