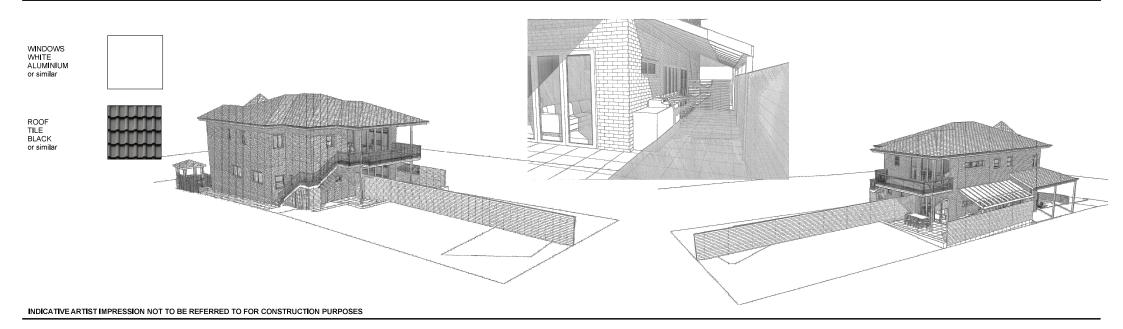


16 maretimo street, balgowlah

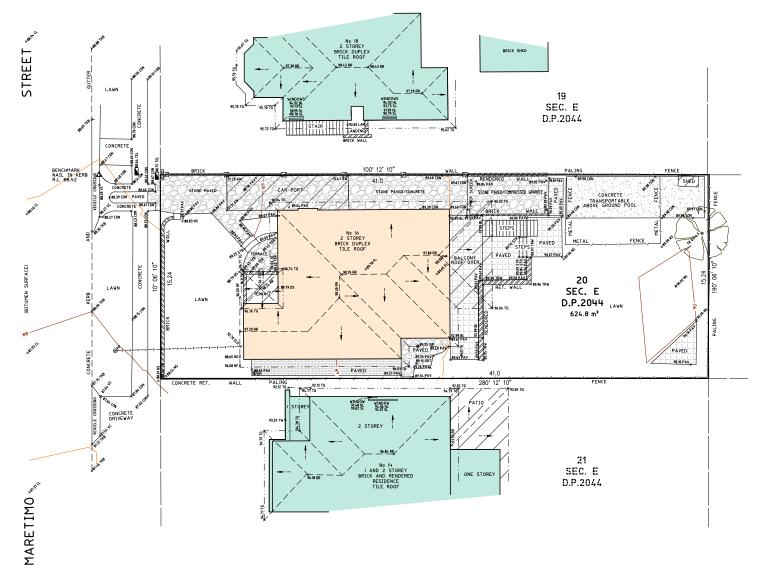
additions and alterations / strata subdivision development application

private residence

architectural perspectives









9 SEC. E D.P.2044

AW AWNING BL BALCONY

CENTERLINE

DOOR SILL LEVEL ELECTRICITY OVERHEAD

FLOOR LEVEL
GRATE
HOOD LEVEL
LANDING
NATURAL SURFACE
PAVING
POWER POLE NETWORK

ROOF RIDGE SEWER INSPECTION PIT

SILL LEVEL STAIRS

TELSTRA
TERRACE
TOP OF GUTTER
TOP OF KERB
TREE-DIA,SPREAD,HEIGHT
TOP OF RETAINING WALL

VEHICLE CROSSING

IA Mona Street Mona Vale NSW 2103 ACN 501 535 572 michael@wvsurveying.com.au UVI2 843 180

A FIRST ISSUE

TREE SIZES ARE ESTIMATES ONLY.
 THIS PLAN HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF JFM CONSTRUCTIONS.

- IF CONSTRUCTION ON OR NEAR BOUNDARIES IS REQUIRED IT IS RECOMMENDED THAT THE BOUNDARIES OF THE LAND BE MARKED.

RELATIONSHIP OF IMPROVEMENTS TO BOUNDARIES IS DIAGRAMMATIC ONLY.
 WHERE OFFSETS ARE CRITICAL THEY SHOULD BE CONFIRMED BY FURTHER SURVEY.

- ONLY VISIBLE SERVICES HAVE BEEN LOCATED, UNDERGROUND SERVICES HAVE NOT BEEN LOCATED. DAIL BEFORE YOU DIS SERVICES (IM: 100) SHOULD BE USED AND A FULL UTLITY INVESTIGATION. INCLUDING A UTLITY LOCATION SURVEY, SHOULD BE UNDERTAKEN BEFORE CARRYING OUT ANY CONSTRUCTION ACTIVITY IN OR NEAR THE SURVEYED AREA.

CRITICAL SPOT LEVELS SHOULD BE CONFIRMED WITH SURVEYOR.
 THIS PLAN IS ONLY TO BE USED FOR THE PURPOSE OF DESIGNING NEW CONSTRUCTIONS.

- CONTOUR INTERVAL - 0.5 metre - SPOT LEVELS SHOULD BE ADOPTED.

POSITION OF RIDGE LINES ARE DIAGRAMMATIC ONLY (NOT TO SCALE),

- COPYRIGHT WATERVIEW SURVEYING SERVICES

THIS NOTICE HUST NOT BE ERASED.

THE INFORMATION IS ONLY TO BE USED AT A SCALE ACCURACY OF 1/100,
 DO NOT SCALE OFF THIS PLAN / FIGURED DIMENSIONS TO BE TAKEN IN
PREFERENCE TO SCALED READING.
 # ACCURATE TRUE NORTH IS REQUIRED A FURTHER SURVEY WOULD BE
NECESSARY.

 NO PART OF THIS SURVEY MAY BE REPRODUCED, STORED IN A RETRIEVAL O SYSTEM OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION O THE COPYRIGHT OWNER EXCEPT AS PERMITTED BY THE COPYRIGHT ACT 1968.

4/09/19

Vertical Da

DATUM: AUSTRALIAN HEIGHT DATUM (AHD) B.M. PM 1147 R.L. 89.029 SOURCE: S.C.I.M.S. 2/11/2019

Client Details JFM CONSTRUCTIONS

Waterview

SURVEYING SERVICES

DETAIL AND LEVELS OVER

16 MARETIMO STREET

BALGOWLAH NSW 2093

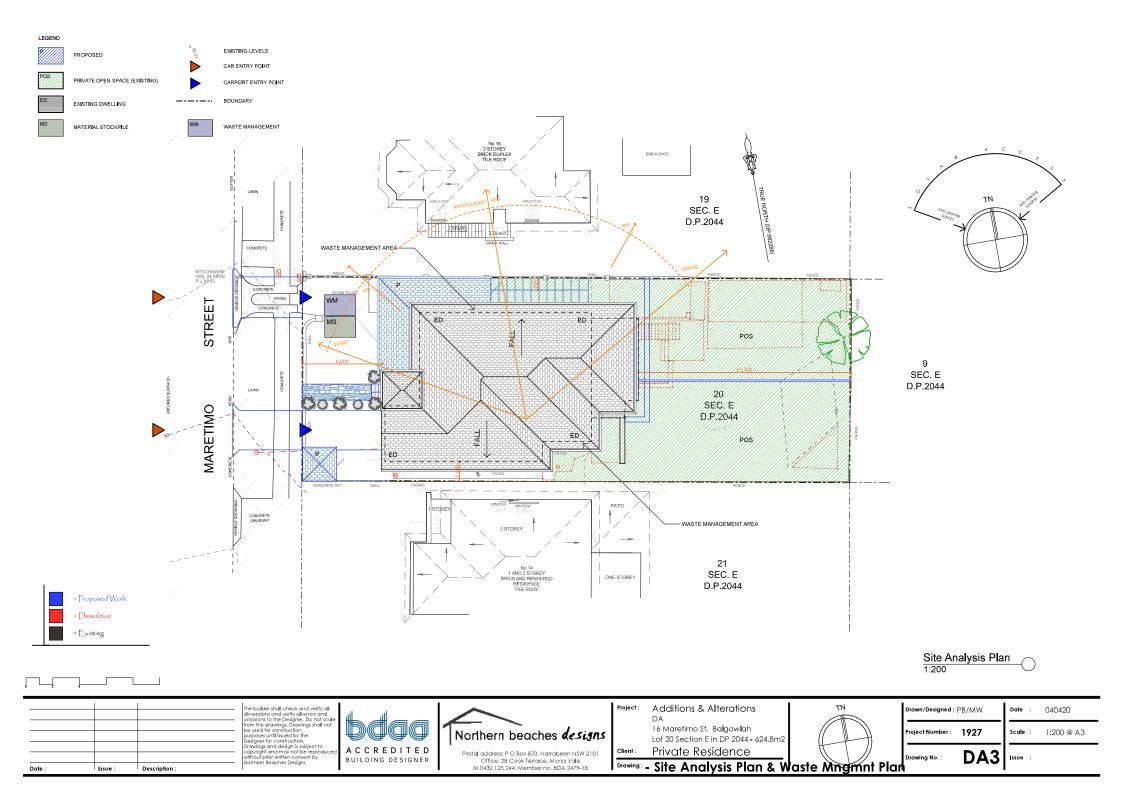
BEING LOT 20 SEC. E IN DP.2044

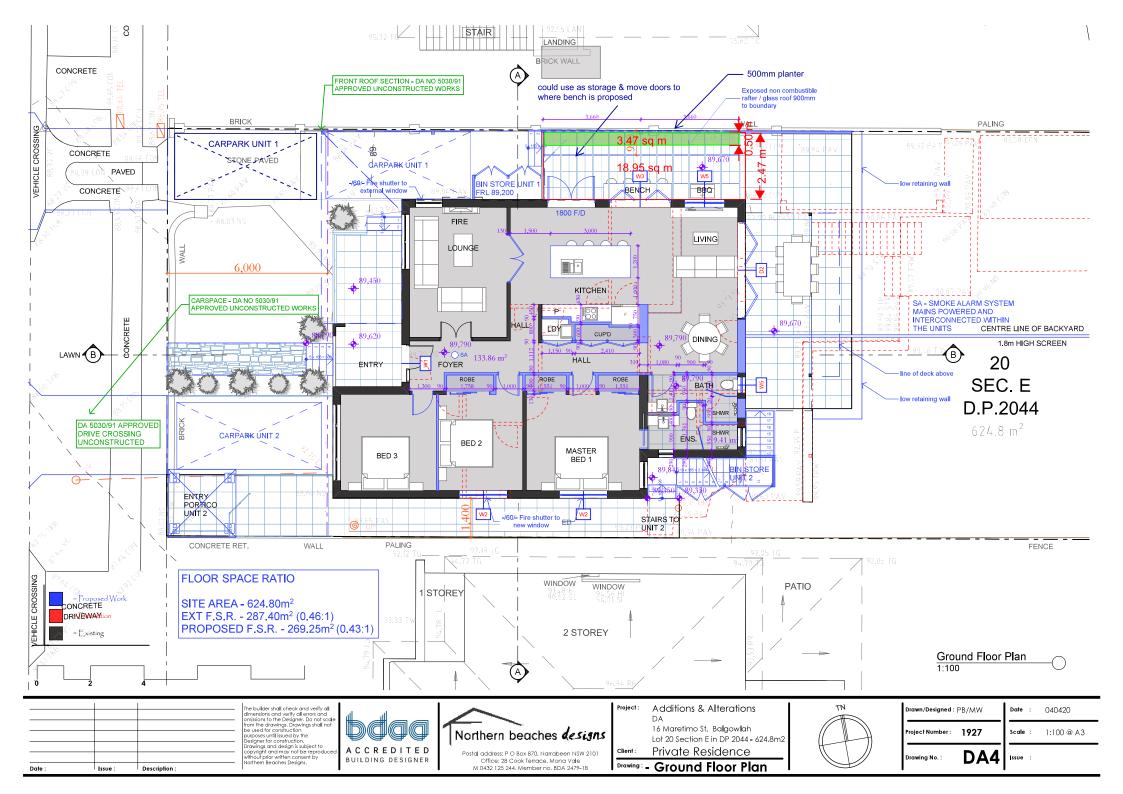
	Scote 1:100 @ A1	Rev.		
	Date of survey 01/09/2019	Drawing No. 1016detail 1		
ı	PROJECT: 1016	PAGE 1 OF 1		

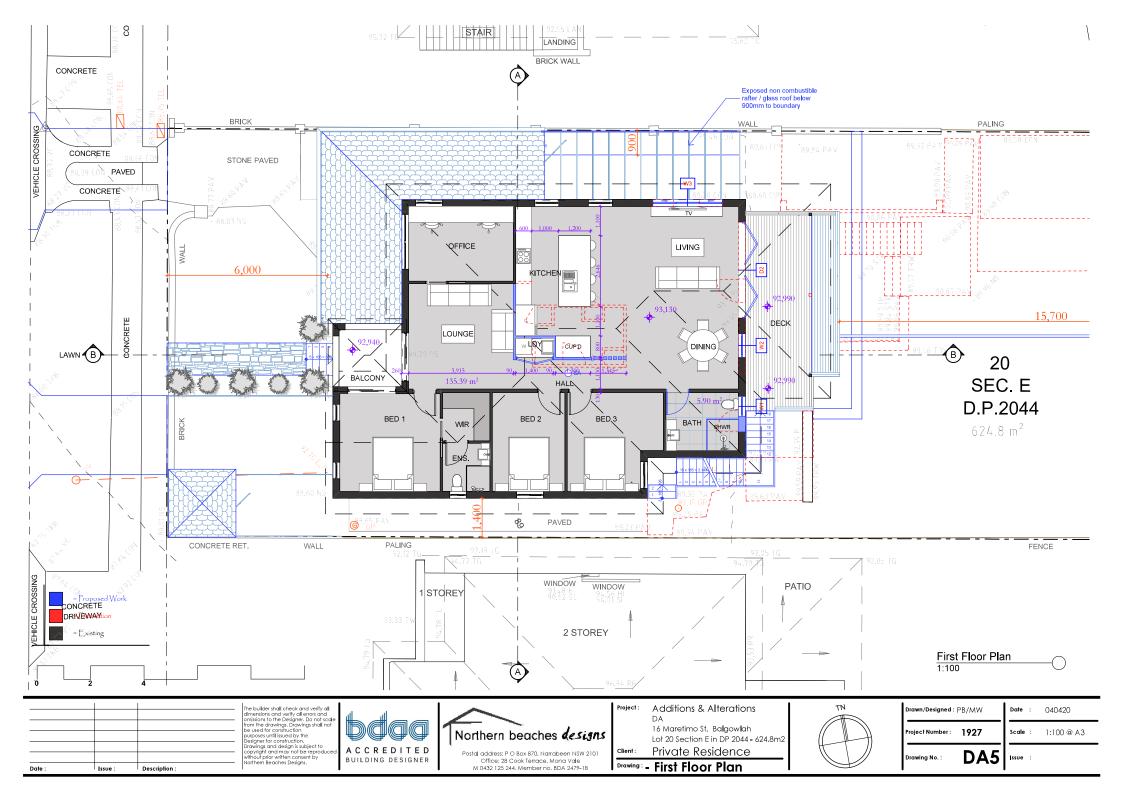
3 4 5 6 7 8 9 10

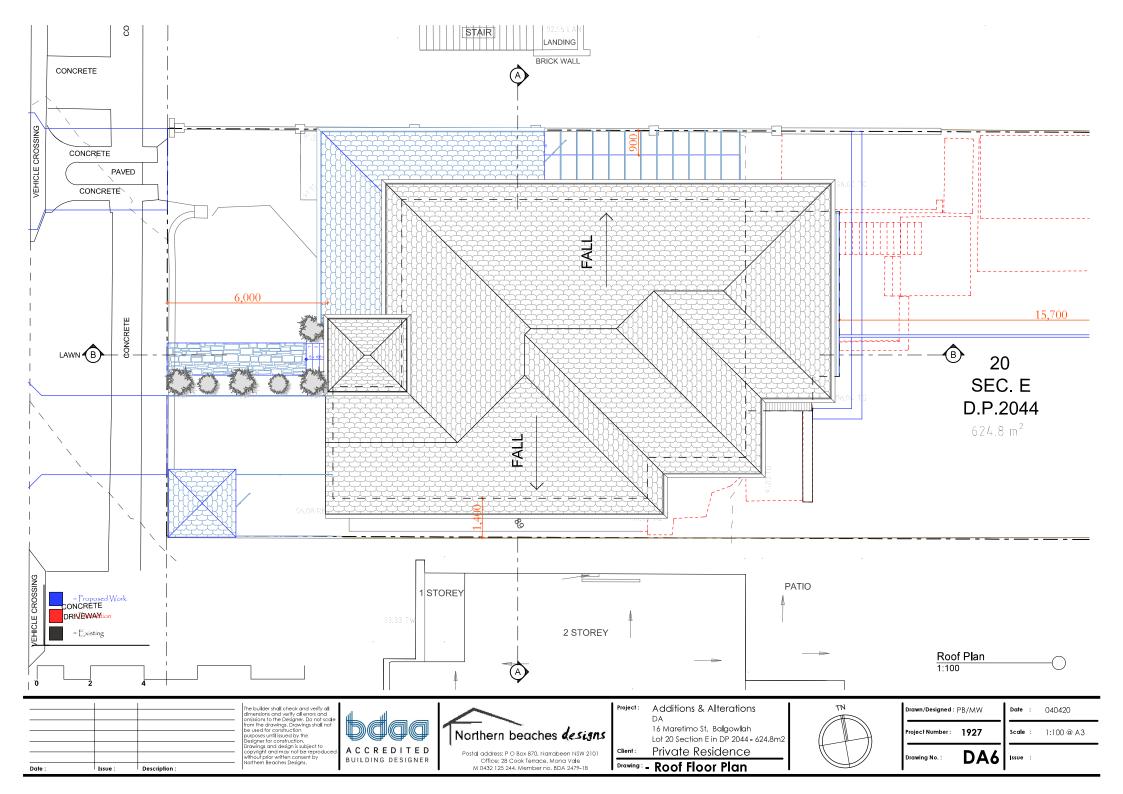
TITLE INDICATES THAT LOT 20 SEC, E IN D.P.2044 IS SUBJECT TO - RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S).

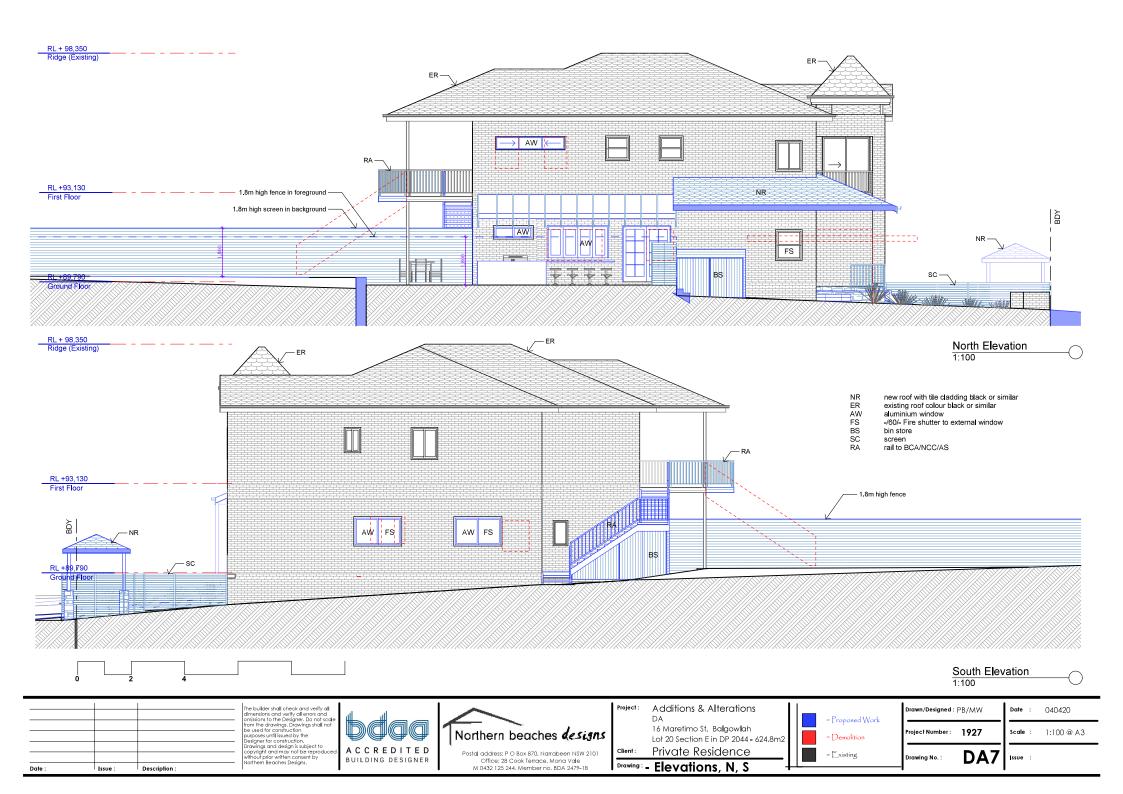
SCALE 1:100

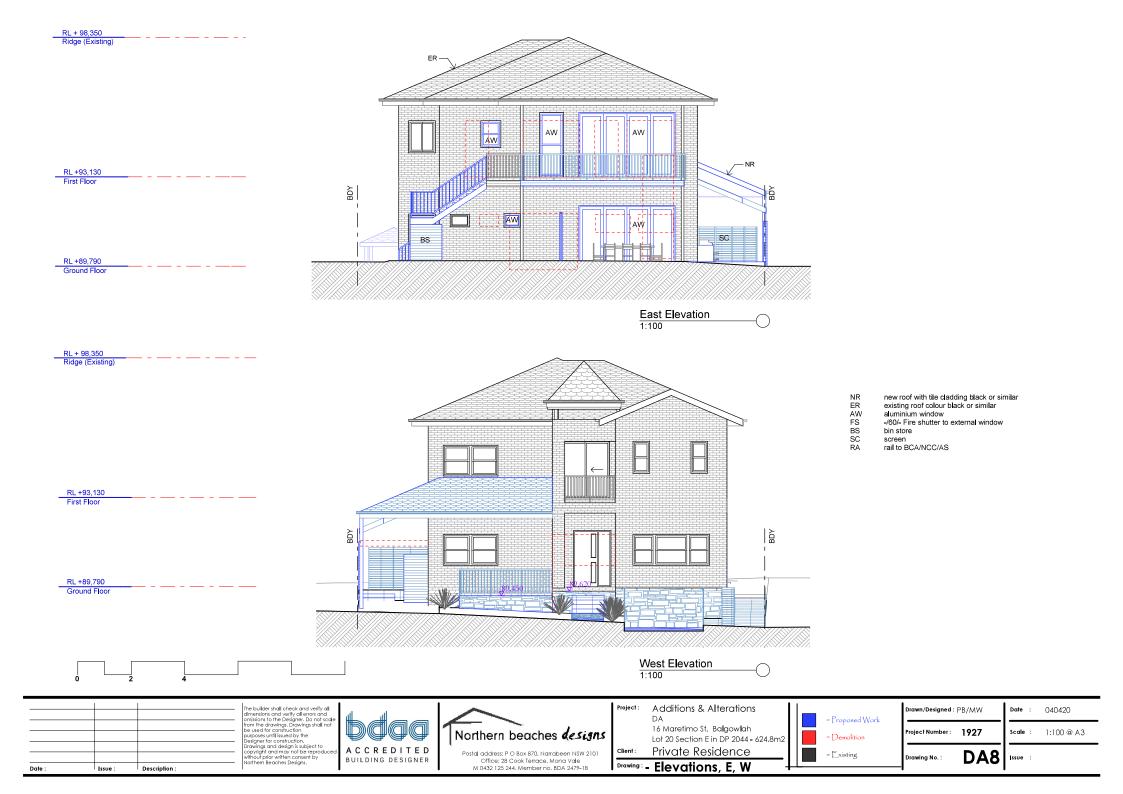


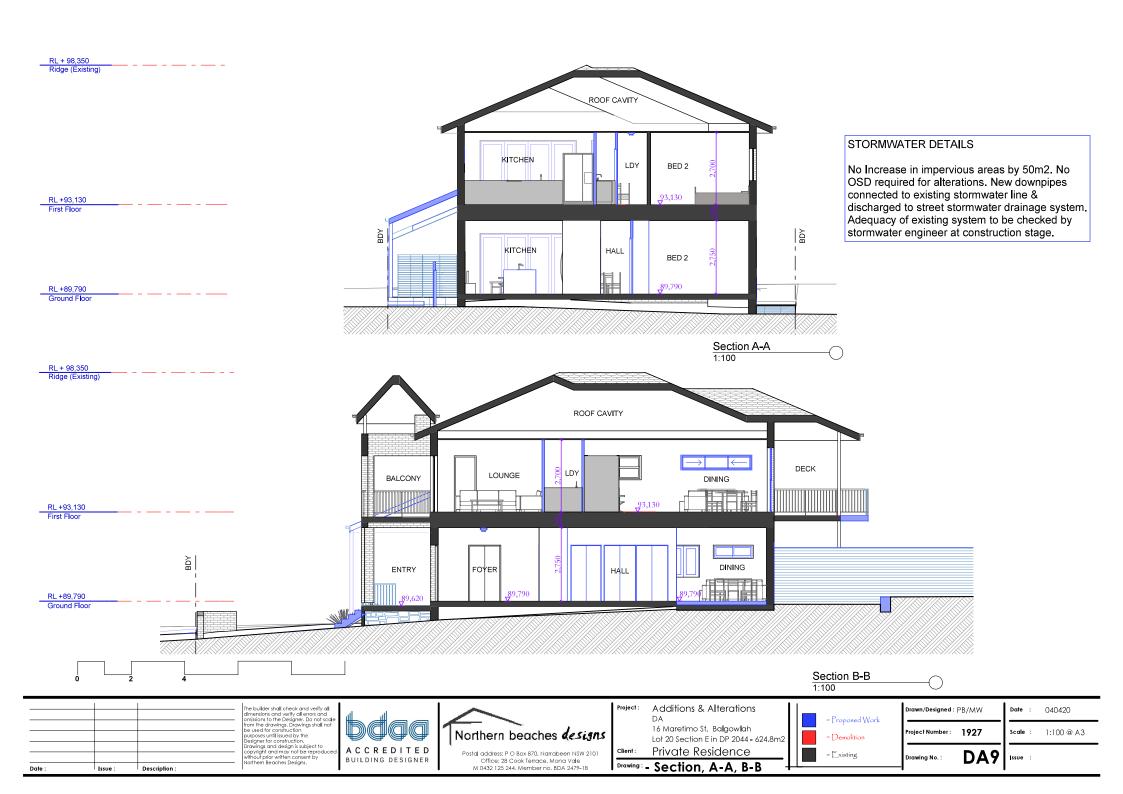














Date : Issue : Description :

= Proposed Work = Demolition = Existing

> The builder shall check and verify all dimensions and verify all errors and omissions to the Designer, Do not scale from the drawings. Drawings shall not be used for construction purposes until issued by the Designer for construction purposes until issued by the Designer for construction to the property of the designer for construction to the property of the designer for construction to the designer for construction to the designer for construction to the designer of the de ACCREDITED BUILDING DESIGNER



Additions & Alterations 16 Maretimo St, Ba**l**gow**l**ah Lot 20 Section E in DP 2044 - 624.8m2 Private Residence

Drawing: - Landscaping Plan



Drawn/Designed: PB/MW Project Number: 1927 Drawing No.: DA10 | Issue :

Date : 040420 Scale: 1:200 @ A3

Postal address: P O Box 870, Narrabeen NSW 2101 Office: 28 Cook Terrace, Mona Vale M 0432 125 244. Member no. BDA 2479-18

1. FALLS, SLIPS, TRIPS

a) WORKING AT HEIGHTS

DURING CONSTRUCTION

Wherever possible, components for this building should be prelabricated off-site or at ground level to minimise the risk of workers falling more than two metres. However, construction of this building will require workers to be working at heights where a fall in excess of two metres is possible and injury is likely to result from such a fall. The builder should provide a suitable barrier wherever a person is required to work in a situation where falling more than two metres is a possibility.

DURING OPERATION OR MAINTENANCE

For houses or other low-rise buildings where scaffolding is

Cleaning and maintenance of windows, walls, roof or other components of this building will require persons to be situated where a fall from a height in excess of two metres is possible. Where this type of activity is required, scaffolding, ladders or trestles should be used in accordance with relevant codes of practice, regulations or legislation.

For buildings where scaffold, ladders, trestles are not appropriate: Cleaning and maintenance of windows, walls, roof or other components of this building will require persons to be situated where a fall from a height in excess of two metres is possible. Where this type of activity is required, scaffolding, fall barriers or Personal Protective Equipment (PPE) should be used in accordance with relevant codes of practice, regulations or legislation.

ANCHORAGE POINTS

Anchorage points for portable scaffold or fall arrest devices have been included in the design for use by maintenance workers. Any persons engaged to work on the building after completion of construction work should be informed about the anchorage points.

b) SLIPPERY OR UNEVEN SURFACES

FLOOR FINISHES Specified

If finishes have been specified by designer, these have been selected to minimise the risk of floors and paved areas becoming slippery when wet or when walked on with wet shoes/feet. Any changes to the specified finish should be made in consultation with the designer or, if this is not practical, surfaces with an equivalent or better slip resistance should be chosen.

FLOOR FINISHES By Owner

If designer has not not been involved in the selection of surface finishes, the owner is responsible for the selection of surface finishes in the pedestrian trafficable areas of this building. Surfaces should be selected in accordance with AS HB 197:1999 and AS/NZ 4588-2004.

STEPS, LOOSE OBJECTS AND UNEVEN SURFACES

Due to design restrictions for this building, steps and/or ramps are included in the building which may be a hazard to workers carrying objects or otherwise occupied. Steps should be clearly marked with both visual and tactile warning during construction, maintenance, demolition and at all times when the building operates as a workplace.

Building owners and occupiers should monitor the pedestrian access ways and in particular access to areas where maintenance is routinely carried out to ensure that surfaces have not moved or cracked so that they become uneven and present a trip hazard. Spills, loose material, stray objects or any other matter that may cause a slip or trip hazard should be cleaned or removed from access ways.

Contractors should be required to maintain a tidy work site during construction, maintenance or demolition to reduce the risk of trips and falls in the workplace. Materials for construction or maintenance should be stored in designated areas away from access ways and work area.

2. FALLING OBJECTS

LOOSE MATERIALS OR SMALL OBJECTS

Construction, maintenance or demolition work on or around this building is likely to involve persons working above ground level or above floor levels. Where this occurs one or more of the following measures should be taken to avoid objects falling from the area where the work is being carried out not persons below.

- Prevent or restrict access to areas below where the work is being carried out.
- Provide toeboards to scaffolding or work platforms.
- Provide protective structure below the work area.
- . Ensure that all persons below the work area have Personal Protective Equipment (PPE).

BUILDING COMPONENTS

During construction, renovation or demolition of this building, parts of the structure including fabricated steelwork, heavy panels and many other components will remain standing prior to or after supporting parts are in place. Contractors should ensure that temporary bracing or other required support is in place at all times when collapse which may injure persons in the area is a possibility.

Mechanical lifting of materials and components during construction, maintenance or demolition presents a risk of falling objects. Contractors should ensure that appropriate lifting devices are used, that loads are properly secured and that access to areas below the load is prevented or restricted.

3. TRAFFIC MANAGEMENT

For building on a major road, narrow road or steeply sloping road: parking of vehicles or loading/unloading of vehicles on this roadway may cause a traffic hazard. During construction, maintenance or demolition of this building designated parking for workers and loading areas should be provided. Trained traffic management personnel should be responsible for the supervision of these areas. For building where on-site loading/unloading is restricted: Construction of this building will require loading and unloading of materials on the roadway. Deliveries should be well planned to avoid congestion of loading areas and trained traffic management personnel should be used to supervise loading/unloading areas. For all buildings:

Busy construction and demolition sites present a risk of collision where deliveries and other traffic are moving within the site. A traffic management plan supervised by trained traffic management personnel should be adopted for the work site.

4. SERVICES

GENERAL

Rupture of services during excavation or other activity creates a variety of risks including release of hazardous material. Existing services are located on or around this site. Where known, these are identified on the plans but the exact location and extent of services may vary from that indicated. Services should be located using an appropriate service (such as Dial Before You Dig), appropriate servavation practice should be used and, where necessary, specialist contractors should be used. Locations with underground power:

Underground power lines MÁY be located in or around this site. All underground power lines must be disconnected or carefully located and adequate warning signs used prior to any construction, maintenance or demolition commencing. Locations with overhead power lines:

Overhead power lines MAY be near or on this site. These pose a risk of electrocution if struck or approached by lifting devices or other plant and persons working above ground level. Where there is a danger of this occurring, power lines should be, where practical, disconnected or relocated. Where this is not practical adequate warning in the form of bright coloured tape or signage should be used or a protective barrier provided.

5. MANUAL TASKS

Components within this design with a mass in excess of 25kg should be lifted by two or more workers or by mechanical lifting device. Where this is not practical, suppliers or fabricators should be required to limit the component mass. All material packaging, building and maintenance components

should clearly show the total mass of packages and where practical all items should be stored on site in a way which minimises bending before lifting. Advice should be provided on safe lifting methods in all areas where lifting may occur. Construction, maintenance and demolition of this building will require the use of portable tools and equipment. These should be fully maintained in accordance with manufacturer's specifications and not used where faulty or (in the case of electrical equipment) not carrying a current electrical safety tag. All safety guards or devices should be regularly checked and Personal Protective Equipment should be used in accordance with manufacturer's specification.

6. HAZARDOUS SUBSTANCES

ASBESTOS

For alterations to a building constructed prior to 1990: If this existing building was constructed prior to: 1990 - It therefore may contain asbestos 1986 - It therefore is likely to contain asbestos either in cladding material or in fire retardant insulation material. In either case, the builder should check and, if necessary, take appropriate action before demolishing, outting, sanding, drilling or otherwise disturbing the existing structure.

POWDERED MATERIALS

Many materials used in the construction of this building can cause harm if inhaled in powdered form. Persons working on or in the building during construction, operational maintenance or demolition should ensure good ventilation and wear Personal Protective Equipment including protection against inhalation while using powdered material or when sanding, drilling, cutting or otherwise disturbing or creating powdered material.

TREATED TIMBE

The design of this building may include provision for the inclusion of treated timber within the structure. Dust or furmes from this material can be harmful. Persons working on or in the building during construction, operational maintenance or demolition should ensure good ventilation and wear Personal Protective Equipment including protection against inhalation of harmful material when sanding, drilling, cutting or using treated timber in any way that may cause harmful material to be released. Do not burn treated timber.

VOLATILE ORGANIC COMPOUNDS

Many types of glue, solvents, spray packs, paints, varnishes and some cleaning materials and disinfectants have dangerous emissions. Areas where these are used should be kept well ventilated while the material is being used and for a period after installation. Personal Protective Equipment may also be required. The manufacturer's recommendations for use must be carefully considered at all times.

SYNTHETIC MINERAL FIBRE

Fibreglass, rockwool, ceramic and other material used for thermal or sound insulation may contain synthetic mineral fibre which may be harmful if inhaled or if it comes in contact with the skin, eyes or other sensitive parts or the body. Personal Protective Equipment including protection against inhalation of harmful material should be used when installing, removing or working near bulk insulation material.

TIMBER FLOORS

This building may contain timber floors which have an applied finish. Areas where finishes are applied should be kept well ventilated during sanding and application and for a period after installation. Personal Protective Equipment may also be required. The manufacturer's recommendations for use must be carefully considered at all times.

7. CONFINED SPACES

EXCAVATION

Construction of this building and some maintenance on the building will require excavation and installation of items within excavations. Where practical, installation should be carried out using methods which do not require workers to enter the excavation. Where this is not practical, adequate support for the excavated area should be provided to prevent collapse. Warning signs and barriers to prevent accidental or unauthorised access to all excavations should be provided.

ENCLOSED SPACES

For buildings with enclosed spaces where maintenance or other access may be required:

Enclosed spaces within this building may present a risk to persons entering for construction, maintenance or any other purpose. The design documentation calls for warning signs and barriers to unauthorised access. These should be maintained throughout the life of the building. Where workers are required to enter enclosed spaces, air testing equipment and Personal Protective Equipment should be provided.

SMALL SPACES

For buildings with small spaces where maintenance or other access may be required:

Some small spaces within this building will require access by construction or maintenance workers. The design documentation calls for warning signs and barriers to unauthorised access. These should be maintained throughout the life of the building. Where workers are required to enter small spaces they should be scheduled so that access is for short periods. Manual lifting and other manual activity should be nestricted in small spaces.

8. PUBLIC ACCESS

Public access to construction and demolition sites and to areas under maintenance causes risk to workers and public. Warning signs and secure barriers to unauthorised access should be provided. Where electrical installations, excavations, plant or loose materials are present they should be secured when not fully supervised.

9. OPERATIONAL USE OF BUILDING RESIDENTIAL BUILDINGS

This building has been designed as a residential building. If it, at a later date, it is used or intended to be used as a workplace, the provisions of the Work Health and Safety Act 2011 or subsequent replacement Act should be applied to the new use.

10.OTHER HIGH RISK ACTIVITY

All electrical work should be carried out in accordance with Code of Practice: Managing Electrical Risks at the Workplace, AS/NZ 3012and all licensing requirements.

All work using Plant should be carried out in accordance with Code of Practice: Managing Risks of Plant at the Workplace. All work should be carried out in accordance with Code of Practice: Managing Noise and Preventing Hearing Loss at Work. Due to the history of serious incidents it is recommended that particular care be exercised when undertaking work involving steel construction and concrete placement. All the above applied.

THESE NOTES MUST BE READ AND UNDERSTOOD BY ALL INVOLVED IN THE PROJECT.

THIS INCLUDES (but is not excluded to): OWNER, BUILDER, SUB-CONTRACTORS, CONSULTANTS, RENOVATORS, OPERATORS, MAINTENORS, DEMOLISHERS.

Work Health and Safety Regulation - important information

Date: Issue: Description:

The builder shall check and verify all dimensions and verify all errors and omissions to the Designer. Do not scale from the drawings. Drawings shall not be used for construction purposes until issued by the Designer for construction construction construction of the construction of the



Northern beaches designs

Postal address: P O Box 870, Narrabeen NSW 2101 Office: 28 Cook Terrace, Mona Vale M 0432 125 244, Member no. BDA 2479-18 Project: Additions & Alterations
DA
16 Maretimo St, Balgowlah
Lot 20 Section En DP 2044 - 624.8m2

Private Residence

Drawing: - Safety Notes

EROSION & SEDIMENT NOTES.

Minimise area to be cleared and leave as much vegetation as possible. Install temporary fences to define 'no go' areas that are not to be disturbed.

Install sediment fence(s) along the low side of the site before work beains.

Divert water around the work site and stabilise channels, but ensure that you do not flood the neighbouring property. Establish a single stabilised entry/exit point. Clearly mark the access

Establish a single stabilised entry/exit point. Clearly mark the access point and give an access map that has a delivery point indicated for all supplies.

Leave or lay a kerb-side turf strip (for example, the nature strip) to slow the speed of water flows and to trap sediment.

Check the erosion and sediment controls every day and keep them in good working condition.

Stockpile topsoil within the sediment controlled zone. Always be aware of the weather forecast.

Stabilise exposed earth banks (e.g. vegetation, erosion control mats). Fill in and compact all trenches immediately after services have been laid.

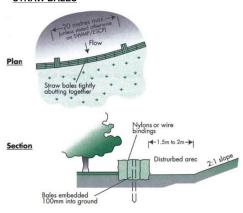
Install site waste receptacles (mini-skip, bins, wind-proof litter receptors).

Sweep the road and footpath every day and put soil behind the sediment controls. Hosing down roads and footpaths is unacceptable.

Connect downpipes from the guttering to the stormwater drain as soon as the roof is instelled.

Revegetate the site as soon as possible. The erosion and sediment control devices must be kept in place until 70% of the site has been reveaetated.

STRAW BALES

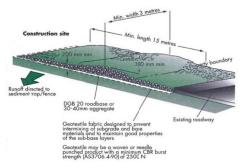


Construction Notes

- 1. Construct the straw bale filter as close as possible to being parallel to the contours of the site.
- 2. Place bales lengthwise in a row with ends tightly abutting. Use straw to fill any gaps between bales. Straws are to be placed parallel to ground.
- 3. Ensure that the maximum height of the filter is one bale.
- 4. Embed each bale in the ground 75 mm to 100 mm and anchor with two 1.2 metre star pickets or stakes. Angle the first star picket or stake in each bale towards the previously laid bale. Drive them 600 mm into the ground and, if possible, flush with the top of the bales. Where star pickets are used and they protrude above the bales, ensure they are fitted with safety caps.
- Where a straw bale filter is constructed downslope from a disturbed batter, ensure the bales are placed 1 to 2 metres downslope from the toe.
- 6. Establish a maintenance program that ensures the integrity of the bales is retained they could require replacement each two to four months.

SEDIMENT CONTROL PLAN

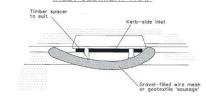
STABILISED ENTRY / EXIT

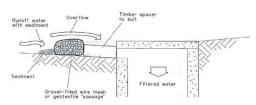


Construction Notes

- Strip at least 150 mm of topsoil, level area and stockpile on site if space available.
- Compact sub-grade
- Cover area with needle-punched geotextile.
- Construct a 200 mm thick pad over geotextile using aggregate at least 40 mm in size. Minimum length 15 metres or to building alianment. Minimum width 3 metres.
- Construct diversion hump immediately within boundary to divert water to a sediment fence or other sediment trap.

INLET SEDIMENT TRAP

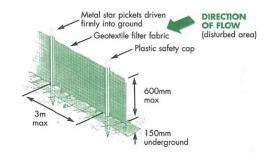




Construction Notes

- 1. Install filters to kerb inlets only at sag points.
- 2. Fabricate a sleeve made from geotextile or wire mesh longer than the length of the inlet pit and fill it with 25 mm to 50 mm gravel.
- 3. Form an elliptical cross-section about 150 mm high x 400 mm wide.
- Place the filter at the opening leaving at least a 100-mm space between it and the kerb inlet.
 Maintain the opening with spacer blocks.
- 5. Form a seal with the kerb to prevent sediment bypassing the filter.
- Sandbags filled with gravel can substitute for the mesh or geotextile providing they are placed so that they firmly abut each other and sediment-laden waters cannot pass between.

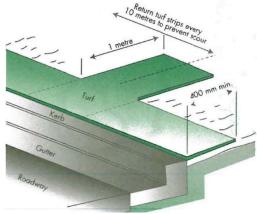
SEDIMENT FENCING



Construction Notes

- Construct sediment fences as close as possible to follow the contours
 of the site
- 2. Drive 1.5 metre long posts into ground, maximum 3 metres apart.
- Staple to 40 mm square hardwood posts or wire fied to steel posts.
- Dig a 150 mm deep trench along the up-slope line of the fence for the bottom of the fabric to be entrenched.
- 5. Backfill trench over base of fabric and compact on both sides.

GRASS FILTER STRIPS



Construction Notes

- Install a 400-mm minimum wide roll of turf on the footpath next to the kerb and at the same level as the top of the kerb.
- 2. Lay 1.4 metre long turf strips normal to the kerb every 10 metres.
- 3. Rehabilitate disturbed soil behind the



verify all on not scale on the scale of the



Office: 28 Cook Terrace, Mona Vale

M 0432 125 244. Member no. BDA 2479-18

Project: Additions & Alterations
DA
16 Maretimo St, Balgowlah
Lot 20 Section E in DP 2044 - 624.8m2

Lot 20 Section E in DP 2044 - 624.8m2

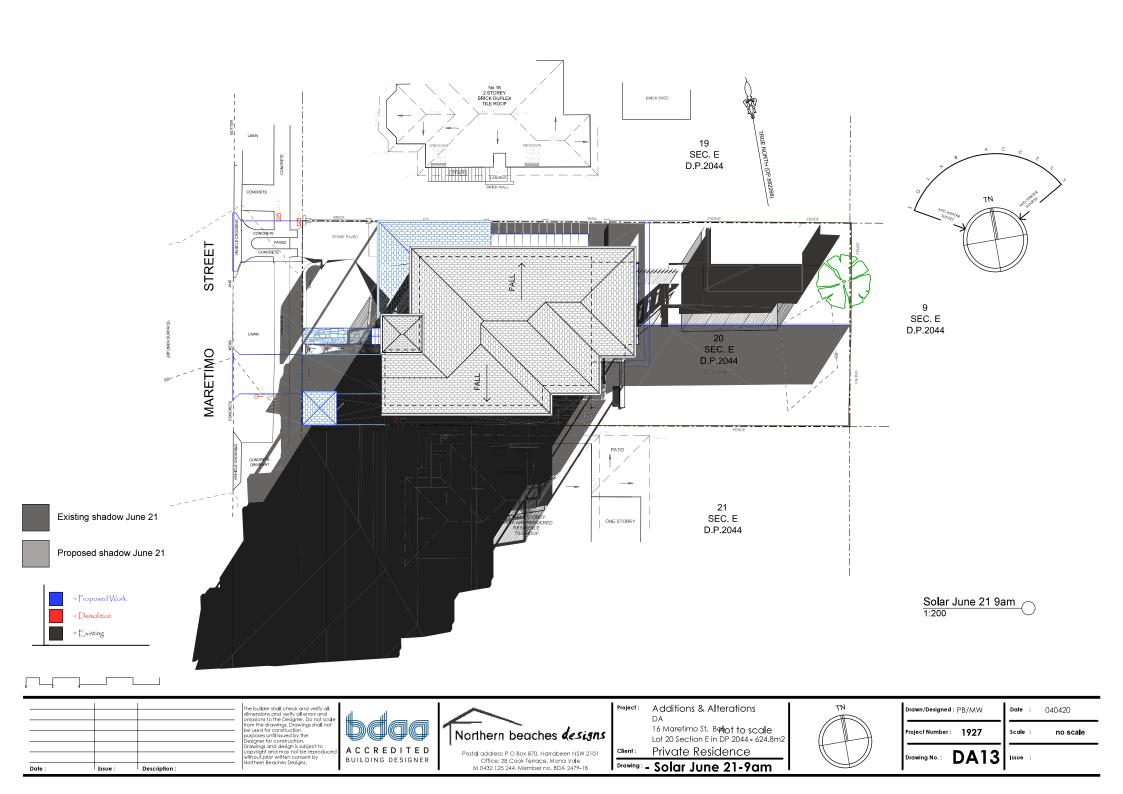
ent: Private Residence

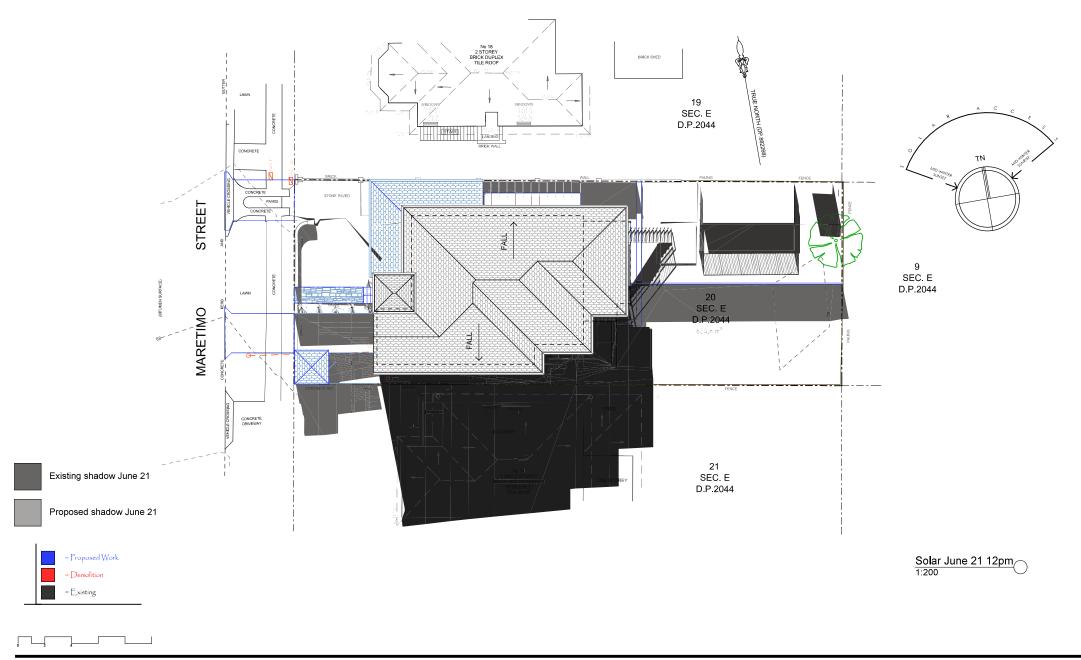
awing: - Sediment Control Plan

 Drawn/Designed : PB/MW
 Date : 040420

 Project Number : 1927
 Scale : 1:200 @ A3

 Drawing No. : DA12
 Issue :





Date : Issue : Description : The builder shall check and verify all dimensions and verify all errors and omissions to the Designer. Do not scale from the drawings. Drawings shall not be used for construction purposes until issued by the Designer for construction. Designer for construction to the construction of th

ACCREDITED BUILDING DESIGNER



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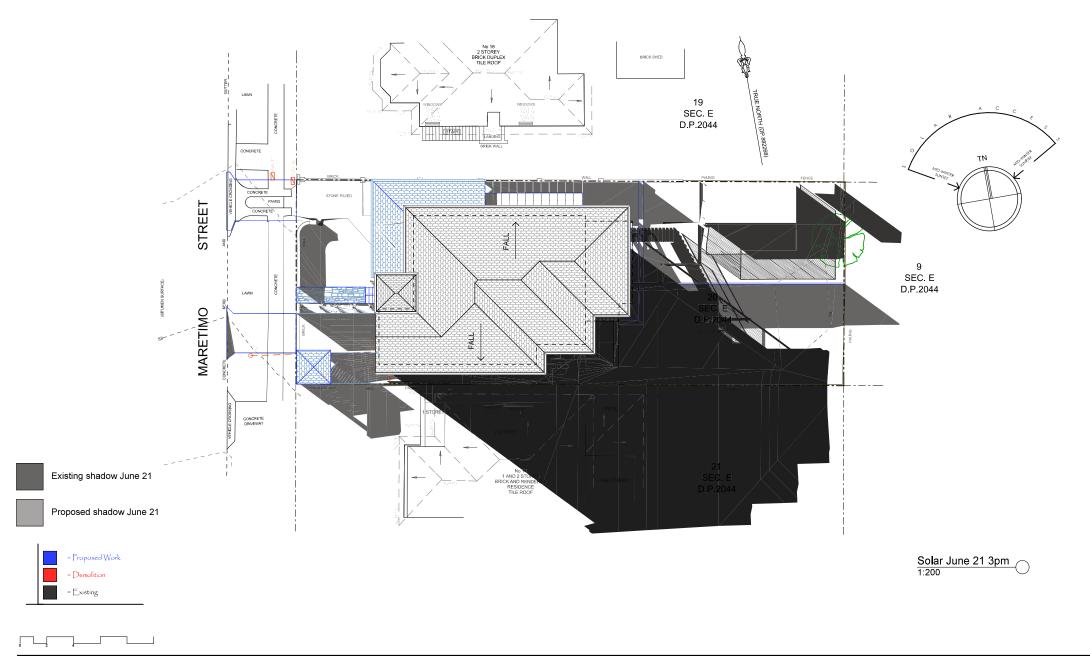
Additions & Alterations Project: 16 Maretimo St, B**plot to scale** Lot 20 Section E in DP 2044 - 624.8m2 Private Residence

Solar June 21-12pm

Drawn/Designed: PB/MW Project Number: 1927

Date : 040420 Scale : no scale

DA14



The builder shall dimensions and dimensions and dimensions to the form the drowing constant of the form the drowing be used for const purposes until six.

Date: Issue: Description:

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A C C R E D I T E D BUILDING DESIGNER

Northern beaches designs

Postal address: P O Box 870, Narrabeen NSW 2101 Office: 28 Cook Terrace, Mona Vale M 0432 125 244. Member no. BDA 2479-18 Project: Additions & Alterations
DA
14 Marchine St. Ballet to a common structure of the second state of th

16 Maretimo St, B**al**ot to scale Lot 20 Section E in DP 2044 - 624.8m2

Private Residence

prawing: - Solar June 21-3pm



Drawn/Designed: PB/MW

Project Number: 1927

Scale : no scale

040420

DA15 Issue :

Date :



Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A375174

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 Alterations and Additions Definitions" dated 06/10/2017 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary
Date of issue: Wednesday, 22, April 2020
To be valid, this certificate must be lodged within 3 months of the date of issue.



Project address						
Project name	2411 - 16 Maretimo St, Balgowlah 16 Maretimo Street Balgowlah 2093 Northern Beaches Council					
Street address						
Local Government Area						
Plan type and number	Deposited Plan 2044					
Lot number	20					
Section number	E					
Project type						
Dwelling type	Separate dwelling house					
Type of alteration and addition	My renovation work is valued at \$50,000 or more and does not include a pool (and/or spa).					

Certificate Prepared by (please complete before submitting to Council or PCA)				
Name / Company Name: BC	A Energy Pty Ltd			
ABN (if applicable): 7215951	8260			

BASIX Certificate number: A375174 page 2 / 6

Fixtures and systems	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: gas instantaneous.	1	~	~
Lighting			
The applicant must ensure a minimum of 40% of new or altered light fixtures are fitted with fluorescent, compact fluorescent, or light-emitting-diode (LED) lamps.		~	1
Fixtures			
The applicant must ensure new or altered showerheads have a flow rate no greater than 9 litres per minute or a 3 star water rating.		V	V
The applicant must ensure new or altered toilets have a flow rate no greater than 4 litres per average flush or a minimum 3 star water rating.		~	1
The applicant must ensure new or altered taps have a flow rate no greater than 9 litres per minute or mnimum 3 star water rating.		~	

BASIX Certificate number: A375174 page 3 / 6

Construction			Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Insulation requirements					
The applicant must construct the new or altere the table below, except that a) additional insul is not required for parts of altered construction	V	V	V		
Construction	Additional insulation required (R-value)	Other specifications			
external wall: brick veneer	R1.16 (or R1.70 including construction)				

BASIX Certificate number: A375174 page 4 / 6

Glazing requ	irements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Vindows and	glazed do	ors							
The applicant i	~	1	~						
The following requirements must also be satisfied in relation to each window and glazed door:								1	1
have a U-value must be calcul	and a Solar ated in accor	Heat Gair dance with	Coefficie National	ent (SHGC) Fenestratio	no greater than that listed in the tal	lear glazing, or toned/air gap/clear glazing must ble below. Total system U-values and SHGCs ns. The description is provided for information		~	~
For projections above the hear	described in of the windo	millimetre ow or glaz	es, the lea ed door a	ding edge o	f each eave, pergola, verandah, ba than 2400 mm above the sill.	alcony or awning must be no more than 500 mm	✓	✓	√
For projections described as a ratio, the ratio of the projection from the wall to the height above the window or glazed door sill must be at least that shown in the table below.								~	~
Pergolas with p	ent of less than 0.35.		~	~					
Pergolas with t shades a perp	nich they are situated, unless the pergola also i.		1	~					
Overshadowing specified in the	g buildings or 'overshadov	vegetatio	n must be nn in the t	of the heig able below.	ht and distance from the centre and	d the base of the window and glazed door, as	✓	V	✓
Windows a	nd glazed	doors g	lazing r	equireme	nts				
	w / door Orientation Area of Overshadowing Shading device Frame and glass type					Frame and glass type			
no.		glass inc. frame (m2)	Height (m)	Distance (m)					
W1	W	2.7	0	0	projection/height above sill ratio >=0.43	improved aluminium, single clear, (U-value: 6.44, 3HGC: 0.75)			
W2 x2	S	4	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
W5	E	0.3	0	0	none	improved aluminium, single clear, (U-value:			1

BASIX Certificate number: A375174 page 6 / 6

Legend
In these commitments, "applicant" means the person carrying out the development.

Commitments identified with a "\rightary" in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).

Commitments identified with a "\sq" in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a "\" in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

Date :	Issue :	Description :	INOTITIEITI Dedicties Designs.
			without prior written consent by Northern Beaches Designs.
			Drawings and design is subject to copyright and may not be reproc
			purposes until issued by the Designer for construction.
			from the drawings. Drawings shall be used for construction
			dimensions and verify all errors an omissions to the Designer. Do not
			The builder shall check and verify

estivation is and not scale and the not scale an



Postal address: P O Box 870, Narrabeen NSW 2101 Office: 28 Cook Terrace, Mona Vale M 0432 125 244. Member no. BDA 2479-18 Project: Additions & Alterations
DA
16 Maretimo St, Balgowlah
Lot 20 Section E in DP 2044-624.8m2

Client: Private Residence

Drawing: - BASIX

Lengths are in metres

SURVEY.

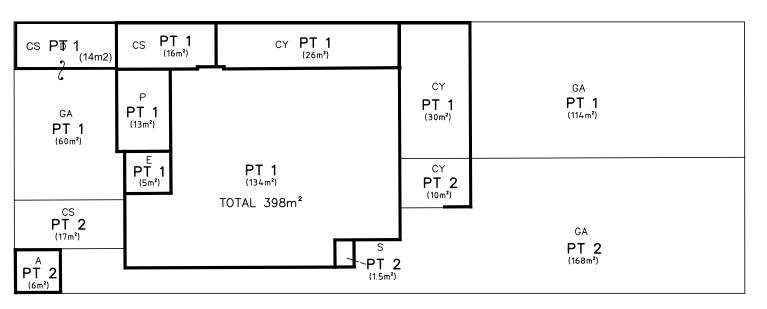
michael@wvsurveying.com.au

00 10 20 30 40 50

Table of mm

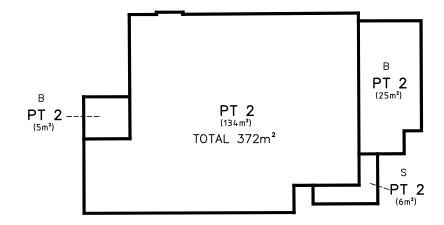
90 100 110 120 130 140

0474 843 180





GROUND FLOOR LEVEL



FIRST FLOOR LEVEL

D DENOTES DRIVEWAY B DENOTES BALCONY CS DENOTES CARSPACE CY DENOTES COURTYARD E DENOTES COVERED ENTRY GA DENOTES GARDEN AREA

A DENOTES ARBOR

Waterview SURVEYING SERVICES IA Mona Street Mona Vale NSW 2103 ACN 610 583 572 michael@wvsurveying.com.au 0474 843 180

00 10 20 30 40 50

Table of mm

S DENOTES STAIRS

PLAN OF PROPOSED STRATA SUBDIVISION OF

90 100 110 120 130 140

LGA: NORTHERN BEACHES Locality: BALGOWLAH Reduction Ratio 1:100 Lengths are in metres

Registered

DRAFT PLAN ONLY THIS PLAN HAS BEEN PREPARED FROM SUPPLIED DRAWINGS BY NORTHERN BEACHES DESIGNS.
PROJECT No.1927-DRAWING No. DA4 AND DA5 DRAWING NAMES: GROUND FLOOR & FIRST FLOOR RESPECTIVELY, DATED 04/04/20 AREAS ARE APPROXIMATE ONLY AND ARE SUBJECT TO COUNCIL APPROVAL, FINAL CONSTRUCTION AND SURVEY.

16 MARETIMO STREET, BALGOWLAH NSW 2093 BEING LOT 20 OF SECTION E IN DP.2044