Gunnedah Shire Council

23 June 2025

Notification of Development Application No. 2025/062

Site Description: Lot: 3 DP: 262180, 5 Anderson Place GUNNEDAH.

Notice is given that a Development Application has been submitted for Council's consideration that involves the construction of a garage varying the maximum height and cumulative size.

The address of the proposed development is 5 Anderson Place GUNNEDAH.

The applicant is Mr B Snape and Gunnedah Shire Council is the consent authority.

The Development Application has been placed on public exhibition for a period of **21** days. The documents may be inspected at Council's office during office hours 9am-4pm or on Council's website http://www.gunnedah.nsw.gov.au/.

Any person may make a written submission about this application to the General Manager, Gunnedah Shire Council, PO Box 63, Gunnedah NSW 2380 or via email council@gunnedah.nsw.gov.au. The issues you raise will be included in the evaluation of the development application, along with the other matters Council must consider.

Submissions should be received no later than 5.00pm on **14 July 2025.** All submissions **must** include disclosure of any reportable political contribution or gift made in the previous two years.

If the submission includes an objection to the proposal, the grounds of objection must be given. You are advised that you may request that your name and address not be disclosed by stating prominently "OBJECTION IN CONFIDENCE" on your submission for reason that disclosure would result in detriment to you. However, Council may be obliged to release these details under the Freedom of Information Act 1989 even if these words are used in the submission. Further, submissions that do not contain the author's name and address may not be considered as Council will be unable to validate the submissions authenticity.

If you have any enquiries in relation to this Development Application, please contact Council's Duty Planner on (02) 6740 2100.

Yours faithfully

Bhavika Khot
SENIOR TOWN PLANNER

Contact: (02) 6740 2100
Reference: 2025/062
ld

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Development Consent Cover Sheet – Council's Use

Made under the Environmental Planning & Assessment Act.1979

LAST UPDATED 23 JULY 2021

Date: 16/06/2025

DEVELOPMENT APPLICATION NUMBER

Development Application Number: 10.2025.00000062.001

APPLICANT DETAILS

Name(s): B Snape

[redacted]

LAND TO BE DEVELOPED

Address: 5 ANDERSON PLACE

Lot Number: 3 DP Number: 262180 Site Area:

BRIEF DESCRIPTION AND USE OF PROPOSED DEVELOPMENT

Development Application

Shed - Variation to DCP

PROPOSED DEVELOPMENT DETAILS

☒ Local Development

☐ Integrated Development (requires approval under another Act)

☐ Designated Development (requires an EIS to be submitted)

Total Project Value: $42,000.00

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Pre-Lodgement Application Form

Portal Application number: PAN-543718

Applicant contact details

First given name	Bary
Other given name/s	
Family name	Snape
Contact number	[redacted]
Email	[redacted]
Address	[redacted]
Application on behalf of a company, business or body corporate	No

Owner/s of the development site

Owner/s of the development site	I am the only owner of the development site

Site access details

Are there any security or site conditions which may impact the person undertaking the inspection? For example, locked gates, animals etc.	No

Developer details

ABN	
ACN	
Name	
Trading name	
Address	
Email Address	

Development details

Application type	Development Application
Site address #	1
Street address	5 ANDERSON PLACE GUNNEDAH 2380
Local government area	GUNNEDAH
Lot / Section Number / Plan	3/-/DP262180 ☑
Primary address?	Yes
Planning controls affecting property	Land Application LEP Gunnedah Local Environmental Plan 2012 Land Zoning R2: Low Density Residential Height of Building NA Floor Space Ratio (n:1) 0.5:1 Minimum Lot Size 650 m² Heritage NA Land Reservation Acquisition NA

	Foreshore Building Line NA

Proposed development

Selected common application types	Erection of a new structure
Selected development types	Garage, carport or carparking space
Description of development	Construction of Garage
Dwelling count details	
Number of dwellings / units proposed	
Number of storeys proposed	
Number of pre-existing dwellings on site	
Number of dwellings to be demolished	
Existing gross floor area (m2)	
Proposed gross floor area (m2)	97
Total site area (m2)	1,052
What is the estimated development cost, including GST?	$42,000.00
Estimated development cost	$42,000.00
Do you have one or more BASIX certificates?	
Subdivision	
Number of existing lots	
Proposed operating details	
Number of staff/employees on the site	

Number of parking spaces

Number of loading bays	
Is a new road proposed?	No
Concept development	
Is the development to be staged?	No, this application is not for concept or staged development.
Crown development	
Is this a proposed Crown development?	No

Related planning information

Is the application for integrated development?	No
Is your proposal categorised as designated development?	No
Is your proposal likely to significantly impact on threatened species, populations, ecological communities or their habitats, or is it located on land identified as critical habitat?	No
Is this application for biodiversity compliant development?	No
Does the application propose a variation to a development standard in an environmental planning instrument (eg LEP or SEPP)?	No
Is the application accompanied by a Planning Agreement ?	No
Section 68 of the Local Government Act	

Is approval under s68 of the Local Government Act 1993 required?	No
10.7 Certificate	
Have you already obtained a 10.7 certificate?	
Tree works	
Is tree removal and/or pruning work proposed?	No
Local heritage	
Does the development site include an item of environmental heritage or sit within a heritage conservation area.	No
Are works proposed to any heritage listed buildings?	No
Is heritage tree removal proposed?	No
Affiliations and Pecuniary interests	
Is the applicant or owner a staff member or councillor of the council assessing the application?	No
Does the applicant or owner have a relationship with any staff or councillor of the council assessing the application?	Yes
Description provided	[redacted]
Political Donations	
Are you aware of any person who has financial interest in the application who has made a political donation or gift in the last two years?	No
Please provide details of each donation/gift which has been made within the last 2 years	

Sustainable Buildings

Is the development exempt from the *State Environmental Policy (Sustainable Buildings) 2022* Chapter 3, relating to non-residential buildings?	Yes
Provide reason for exemption. Is the development any of the following:	Development that is wholly residential

Payer details

Provide the details of the person / entity that will make the fee payment for the assessment.

The *Environmental Planning and Assessment Regulation 2021* and Council's adopted fees and charges establish how to calculate the fee payable for your development application. For development that involves building or other works, the fee for your application is based on the estimated cost of the development.

If your application is for integrated development or requires concurrence from a state agency, additional fees will be required. Other charges may be payable based on the Council's adopted fees and charges. If your development needs to be advertised, the Council may charge additional advertising fees. Once this application form is completed, it and the supporting documents will be submitted to the Council for lodgement, at which time the fees will be calculated. The Council will contact you to obtain payment. Note: When submitting documents via the NSW Planning Portal, credit card information should not be displayed on documents attached to your development application. The relevant consent authority will contact you to seek payment.

The application may be cancelled if the fees are not paid:

First name	Bary

Other given name(s)	
Family name	Snape
Contact number	[redacted]
Email address	[redacted]
Billing address	[redacted]

Application documents

The following documents support the application.

Document type	Document file name
Floor plans	SKM_C551i25061007410
Other	Request for Variation to Development Standard - 5 Anderson Place
Owner's consent	Owners Consent - 5 Anderson Place
Site Plans	Site Plan - 5 Anderson Place
Statement of environmental effects	10.2024.00000033.001 - 5 Anderson Place - Development Application

Applicant declarations

I declare that all the information in my application and accompanying documents is , to the best of my knowledge, true and correct.	Yes
I understand that the development application and the accompanying information will be provided to the appropriate consent authority for the purposes of the assessment and determination of this development application.	Yes
I understand that if incomplete, the consent authority may request more information, which will result in delays to the application.	Yes
I understand that the consent authority may use the information and materials provided for notification and advertising purposes, and materials provided may be made available to the public for inspection at its Offices and on its website and/or the NSW Planning Portal	Yes
I acknowledge that copies of this application and supporting documentation may be provided to interested persons in accordance with the Government Information (Public Access) 2009 (NSW) (GIPA Act) under which it may be required to release information which you provide to it.	Yes
I agree to appropriately delegated assessment officers attending the site for the purpose of inspection.	Yes
I have read and agree to the collection and use of my personal information as outlined in the Privacy Notice	Yes
I confirm that the change(s) entered is/are made with appropriate authority from the applicant(s).	

Gunnedah
Shire Council

Owners Consent

Made under the *Environmental Planning and Assessment Act 1979* and *Local Government Act 1993*

ABOUT THIS FORM

You can use this form to demonstrate that all owners have consented to the lodging of an application where Council is the consent authority.

LAND RELATING TO THE APPLICATION

Address: 5 Anderson Place

Town/Suburb: Gunnedah State: NSW Postcode: 2380

Lot Number: 2 Section Number: ..... DP Number: 262180

OWNERS DETAILS

Name(s): Barry & Sally Snape

[redacted]

Town/Suburb: ..... State: ..... Postcode: .....

I/WE, THE OWNER(S) GIVE CONSENT TO

Nominated Agent: Wade Hudson

TO ACT ON MY/OUR BEHALF TO

- Lodge all relevant applications for development consent, CCs, CDCs, Subdivision Works Certificates, Subdivision Certificates, Appointment of Principal Certifier, Building Information Certificates, Occupation Certificates, Planning Proposal and Section 68 Applications.
- Have discussions with all relevant authorities.
- Do all things required to be done, or provide all information and documents necessary to obtain such approvals.
- Where applicable, withdraw the application/s and obtain a refund of relevant fees paid.

CONSENT OF ALL OWNERS

As the owner(s) of the property, I/we consent to this application to apply for approval to carry out the development described herein and state that the information contained herein is, to the best of my/our knowledge, true and correct. I/we hereby give permission for Council authorised personnel to carry out inspections of the land and buildings as necessary for the purpose of assessing this application without prior notice of entry.

Name: BARRY SNAPE

Signature: ..... Date: 25.03.2024

Name: SALLY SNAPE

Signature: ..... Date: 25.03.2024

Note: if ownership is under a company name, please provide evidence that the signatory on the application has the authority to sign on behalf of the company, by providing authority on company letterhead.

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Gunnedah Shire Council

Statement of Environmental Effects

SINGLE DWELLING HOUSES, RESIDENTIAL ANCILLARY & OUTBUILDING DEVELOPMENTS ONLY

LAST UPDATED 15 AUGUST 2023

INTRODUCTION

A Statement of Environmental Effects is to be submitted with all development applications other than "designated development" or proposals having negligible environmental impact, eg internal alterations. This form is to be used for single dwelling houses, residential ancillary & outbuilding developments only. All other developments require a detailed, site specific Statement of Environmental Effects.

This Statement of Environmental Effects is not exhaustive and should be augmented where appropriate. If insufficient space not has been provided, please attach additional sheets.

Please place a tick (√) in the appropriate box.

SITE AND CONTEXT SUITABILITY

	YES	NO
Is the development compatible with the land zoning?	☑	☐
Is the development compatible with adjoining development?	☑	☐
Does your application include a site plan illustrating the topography of the development site?	☑	☐

Describe the topography of the site (eg slope of the land, existing vegetation, groundwater issues, orientation of dwelling, streetscape and setbacks etc)

Site slopes towards rear northern corner of the site. Location of the development will be positioned to the North of the Dwelling, behind the existing building line of the dwelling from Anderson Place frontage.

PRESENT AND PREVIOUS USES

What is the current use of the site?

Dwelling House

Has there been any other land use other than that listed above?

No

What is the use of the adjoining land?

Dwelling Houses

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	YES	NO
Is the present use a potentially contaminated activity?	☐	☑
Was the previous use a potentially contaminated activity?	☐	☑
Has there been any testing or assessment of the site for land contamination?	☐	☑
Have any of the following land uses or activities been undertaken on the site:		
• Service station	☐	☑
• Sheep or cattle dip	☐	☑
• Intensive agriculture	☐	☑
• Mining or extractive industry	☐	☑
• Waste storage or waste treatment	☐	☑
• Manufacture of chemicals	☐	☑
• Asbestos or asbestos products	☐	☑
• Other - *Refer to State Environmental Planning Policy (Resilience and Hazard) 2021*	☐	☑

If a "Yes" answer is given above, please provide details:

.....

.....

Could the proposal result in soil contamination?	☐	☑

ELECTRICITY

Where will electricity be accessed from?

electrical services to current dwelling

.....

ACCESS AND TRAFFIC

	YES	NO
Is there adequate provision for vehicle access to a public road?	☑	☐
Will the proposal generate traffic? If "yes" a traffic impact assessment report should be prepared and submitted.	☐	☑

What road will the site be accessed from? (road name, existing entrance location, etc)

existing vehicle access from Anderson Place

.....

Will local traffic movements and volumes be affected?	☐	☑
Is existing servicing inadequate?	☐	☑
Will additional access requirements be needed?	☐	☑
Is there an attached garage with a minimal 2 spaces or has parking arrangements been made for such spaces parking?	☑	☐

What is the current formation of the existing access?

gravel formation. development proposes to create hardstand space for onsite parking

.....

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WATER AND DRAINAGE

	YES	NO
Where will water be sourced from?		
• Town Supply	☑	☐
• Rainwater Tank	☐	☐
• Bore	☐	☐
How will stormwater be disposed from the site?		
• Street	☑	☐
• Onsite retention	☐	☐
Are inter-allotment drainage easement across a downstream property required?	☐	☐
Will the proposed design increase stormwater runoff or adversely affect flooding on other land?	☐	☑
Does the development site contain an existing rainwater tank that is currently being utilised?	☑	☐

If disposal of stormwater is on site, describe disposal system.

.....

.....

Are measures in place to maximise infiltration and minimise water runoff? (eg groundcover, banks, stormwater reuse, low water demand, native plants)	☐	☑

PRIVACY, VIEWS AND SUNLIGHT

	YES	NO
Will the proposal affect the amenity of surrounding residences by:		
• Overshadowing	☐	☑
• Loss of privacy	☐	☑

WASTE MANAGEMENT SYSTEM

	YES	NO
How will effluent be disposed of?		
• Onsite	☐	☐
• Sewer	☐	☑
Will the proposal lead to direct discharges of stormwater or waste water into a natural water system?	☐	☑
Will other wastes be generated by this development?	☐	☑
Does the site plan include the location of any proposed onsite waste management system?	☐	☑

HERITAGE

	YES	NO
Is a heritage item located on the development site?	☐	☑
Is the development site located in a heritage conservation area?	☐	☑
Is the development site an archaeological or potential archaeological site? (eg having Aboriginal Heritage significance)	☐	☑

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Gunnedah Shire Council

ENVIRONMENTAL IMPACTS

SOIL	**YES**	**NO**
Will excavation and/or filling be required?	☑	☐
Slopes of greater than 15% require a geotechnical report. Is the slope is greater than 15%?	☐	☑
Are suitable retaining walls or vegetated earth batters to be installed?	☑	☐

HABITAT

Will the proposal involve the removal of vegetation?	☐	☑

If vegetation is to be removed, how much area of vegetation will be removed?
(this area should be measured based on canopy size and includes areas that may be affected by access driveways, installation of services, operation of Onsite Sewerage Management Systems, APZ, etc)

.....

Could the proposal affect native vegetation or animal habitats?	☐	☑

(Zones other than RU1, RU4, RU6 and C3)

Does the development have low or nil impact on koalas or koala habitat?	☑	☐

Refer to *State Environmental Planning Policy (Biodiversity and Conservation) 2021, Clause 4.9*

For lots within the RU1, RU4, RU6 and C3 zones a Koala Assessment Report is Required in accordance with Chapter 3 of State Environmental Planning Policy (Biodiversity and Conservation) 2021

HAZARDS	**YES**	**NO**
Is the site subject to natural hazards such as:		
• Subsidence	☐	☑
• Other	☐	☑

FLOOD PRONE LAND

	YES	**NO**
Is the site subject to flooding?	☐	☑

If "yes", detailed levels are to be provided with the application as part of a Flood Survey Plan.

AQUACULTURE

	YES	**NO**
Is the development located closer than 40m from a natural water course or body of water?	☐	☑

BUSHFIRE PRONE LAND

	YES	**NO**
Has the land been identified as Bushfire Prone Land on the Gunnedah LGA in accordance with the Bushfire Prone Land Map 2003?	☐	☑

If "yes", the development will need to take into consideration the policy "Planning for Bushfire Protection" (NSW Rural Fire Service).

SIGNED

Author's Name: GARRY SNAPE

Author's Signature: ..... Date: 25.03.2024

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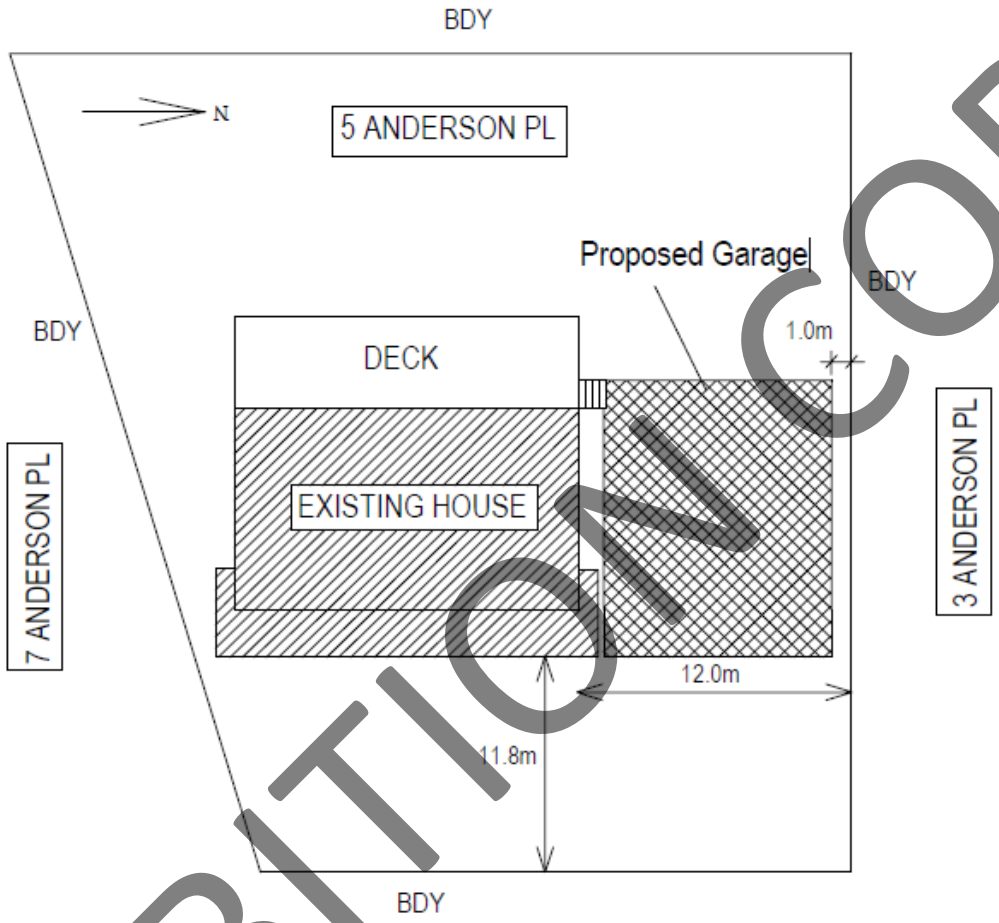
Request for Variation to Development Standard
Gunnedah Development Control Plan 2012

This Development Application includes a request seeking to vary development control 2.1.8 from the Gunnedah Development Control Plan 2012. The request seeks to vary the maximum size, cumulative buildings and maximum height numerical limits from within this control.

The application believes that the variation to this control should be suitable for this development as the proposed variation to the maximum and cumulative building sizes, would remain consistent with other such development limits permitted by Section 3D.43 of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*. Section 3D.43 would permit the maximum and cumulative building area of 100m^2, for this particular site, due to the lot area being greater than 900m^2 (1,052m^2). Hence, maintaining this development standard does not achieve any benefit to the character of the locality. The development does not contain any other outbuildings, carports or garages within the boundaries and the development is sort to be the requested size to service the three vehicles which are owned by the occupants of the property. The development would not exceed any Floor Space Ratio and should not be considered an overdevelopment of the site. An application has only been sort due to the limitations under the SEPP for side building setbacks, which cannot be achieved for this development.

The application also seeks a variation to the maximum building height. The proposed building height of 4.425 metres, is a variation of 225mm. Based on the size of the building structure and the increased distance of the building from the front property boundary, with a setback 5.5 metres behind the required building setback, the variation will be indeterminable from that of a compliant building height. As with the maximum building area, the variation is also consistent with the requirements of *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.* It is suggested that the requested variation to the development should be supported and the development approved.



ANDERSON PL

SITE PLAN

5 Anderson Place, Lot 3 DP 262180	Prepared By Bary Snape
Ref: BSnape_01	Dated 11/06/2025

Lysaght Building Solutions trading as Ranbuild
ABN 61 103 232 444
Level 1, 12 Beaumont Street Hamilton NSW 2303
Telephone +61 2 4962 4311
Facsimile +61 2 4962 3421
www.ranbuild.com.au

Enquiries to: Alexander Filonov

15th May 2025

The Manager
Ranbuild
PO Box 170
HAMILTON NSW 2303

Dear Sir/Madam,

Re: STRUCTURAL ADEQUACY OF STEEL FRAMED BUILDING

Client: Barry Snape
Ranbuild Job No.: 437182
Type: Deluxe
Location: 5 Anderson Street GUNNEDAH NSW 2380
Plans: ENG1/1-437182, ENG2/1-437182, ENG3/1-437182, ENG3/2-437182, ENG3/3-437182, ENG3/4-437182, ENG3/5-437182, ENG4/1-437182, ENG5/1-437182, ENG6/1-437182, 437182-GA, 437182 Engineering Rev b

Being a professional engineer within the meaning of NCC 2022 Volume Two, Part A5G3 with Ranbuild Sheds we have undertaken a structural analysis of the steel framed building as described above. These plans were analysed in accordance with NCC 2022 Volume Two, Under Part A5G3 as Evidence of Suitability, Schedule 2 Referenced Documents : AS/NZS 1170.1, AS/NZS 1170.2, AS/NZS 1170.4, AS 4100, AS 2870, AS 1562 Part 1 and AS/NZS 4600.

Column base connections can be built using Ramset chemset anchors according to dwg. PTP020109-001-R01

Building Class: 10a

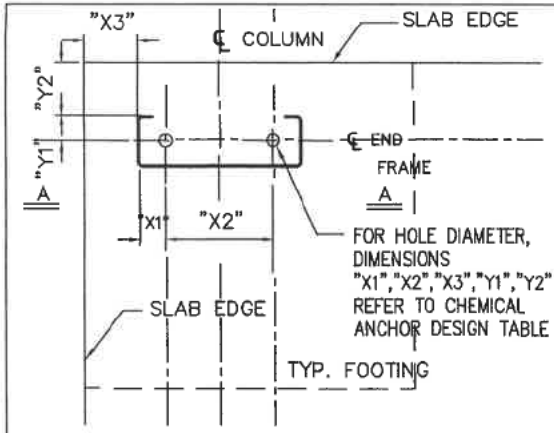
Based on our structural analysis, we are satisfied that the standard engineering drawings attached can be used for the above site.

The following modifications are required and supersede where applicable any standard engineering drawings:

- The shed shall be built according to dwg.:
- ENG1/1 - 437182 Rev B
- ENG2/1 - 437182 Rev B
- ENG3/1 - 437182 Rev B
- ENG3/2 - 437182 Rev B
- ENG4/1 - 437182 Rev B
- ENG6/1 - 437182 Rev B
- 437182 - GA Rev B

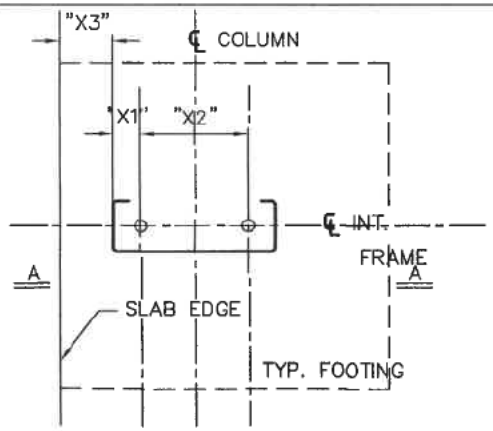
Yours faithfully,

Alexander Filonov
MIEAust, CPEng, NPER, RPEQ 8094, CC4719P, PE 0003374
Engineering Manager
Lysaght Building Solutions



TYP. END FRAME ANCHOR BOLT LAYOUT

FOR FOOTING DIMENSION, REFER TO RANBUILD DRAWINGS



TYP. INT FRAME ANCHOR BOLT LAYOUT

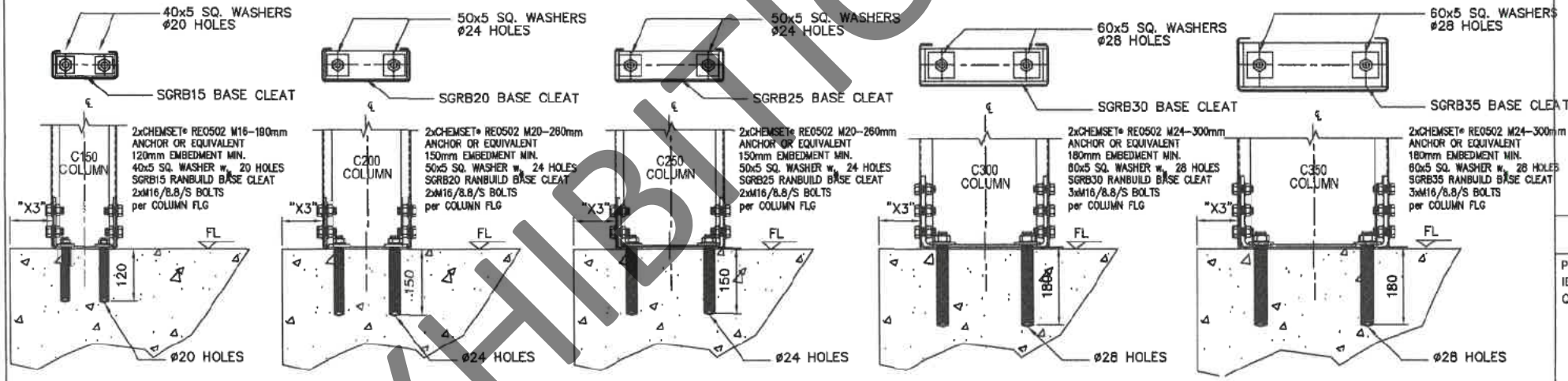
FOR FOOTING DIMENSION, REFER TO RANBUILD DRAWINGS

CHEMICAL ANCHOR DESIGN TABLE

COLUMN SIZE	HOLE DIAMETER	MIN. ANCHOR EMBEDDMENT	ANCHOR SIZE	ANCHOR TORQUE	DISTANCE "X1"	DISTANCE "X2"	DISTANCE "Y1"	SINGLE ANCHOR STRENGTH LIMIT STATE DESIGN CAPACITY TENSION ϕNsr	SHEAR ϕVsr
C150	20mm	120mm	M16 – 190mm	95Nm	31mm	90mm	32mm	45KN	13.5KN
C200	24mm	150mm	M20 – 260mm	180Nm	36mm	130mm	38mm	84.5KN	18.5KN
C250	24mm	150mm	M20 – 260mm	180Nm	37mm	180mm	38mm	84.5KN	20.5KN
C300	28mm	180mm	M24 – 300mm	315Nm	58mm	183mm	48mm	78.5KN	27.5KN
C350	28mm	180mm	M24 – 300mm	315Nm	52mm	247mm	63mm	78.5KN	30KN

GIRT TYPE	DISTANCE "X3"	DISTANCE "Y2"
TH61	61mm	61mm
TH64	64mm	64mm
TS96	96mm	96mm
Z100	102mm	102mm
Z150	152mm	152mm

NOTE:
ANCHOR DESIGN CAPACITIES ARE STRICTLY BASED UPON THE ANCHOR SIZES, EMBEDMENT LENGTHS, TORQUE REQUIREMENTS, GEOMETRICAL DIMENSIONS PRESENTED IN THIS DRAWING AND 28 DAYS CONCRETE COMPRESSIVE STRENGTH OF 25Mpa ONLY. NO ALTERATION IS ALLOWED WITHOUT OFFICAL WRITTEN CONFIRMATION FROM BLUESCOPE LYSAGHT RESEARCH & TECHNOLOGY.



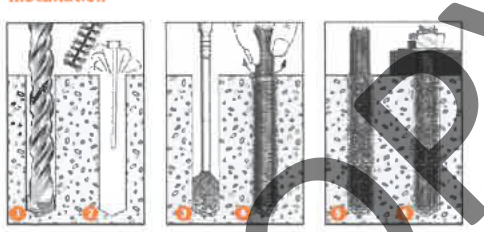
ALTERNATIVE COLUMN CLEAT TO FOOTING CONNECTION USING CHEMICAL ANCHORS

TYP. SECTION A–A

DO NOT SCALE THIS DRAWING.
READ ONLY FIGURED DIMENSIONS.
AutoCAD GENERATED DRAWING
NO MANUAL CHANGES ARE TO BE MADE TO THIS DRAWING.

CHEMICAL ANCHOR INSTALLATION (CHEMSET)

Installation

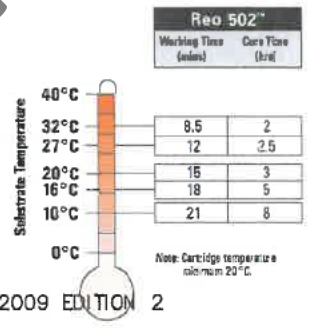


1. Drill recommended diameter and depth hole.
2. Clean hole with hole cleaning brush. Remove all debris using hole blower.
3. Insert mixing nozzle to bottom of hole. Fill hole to 3/4 the hole depth slowly, ensuring no air pockets form.
4. Insert **Ramset™** ChemSet™ Anchor Stud/rebar to bottom of hole while turning.
5. Allow ChemSet™ Reo 502™ to cure as per setting times.
6. Attach fixture.

Installation temperature limits:
– Substrate: 5°C to 40°C.
– Adhesive: 20°C to 32°C.
Load should not be applied to anchor until the chemical has sufficiently cured as specified.

Service temperature limits:
-10°C to 80°C.

Setting Times



REF: RAMSET SPECIFIERS RESOURCE BOOK 2009 EDITION 2

REVISION

1 PKR 4/10/2018
DIMENSION CHANGES

REFERENCES

PROJECT No.:
ID No.: 1317
QA No.:

DRAWN: Jack Huang	DATE: 08/03/2011	BlueScope Lysaght Research & Technology BlueScope Steel Limited A.B.N. 16 000 011 058 Trading as BlueScope Lysaght
DESIGN: Jack Huang	REGION: AUSTRALIA	
SCALE: N.T.S	SITE: Multiple	PROJECT TITLE: RANBUILD ENGINEERING SUPPORT — SHEET SIZE: A3L
DRG. CH'D. DESIGN CH'D	AUTH. DATE.	DRAWING TITLE: RANBUILD ALTERNATIVE SINGLE C-SECTION PORTAL COLUMN BASE CONNECTION WITH CHEM. ANCHORS — DEPT: CAT: DWG: SHT: REV: PTP 020109 -001-R01

STRUCTURAL STEELWORK SCHEDULE			CONNECTIONS		
MARK	DESCRIPTION	SECTION	BASE	EAVES	TOP
C1	COLUMN - UNCLAD FRAME	C25019	BC5	KN4	
C2	COLUMN - CLAD FRAME	C15012	BC3	KN1D, KN2	
C3	COLUMN - END	C20015	EB2		ER1
R1	RAFTER - UNCLAD FRAME	C25019		KN4	AP2
R2	RAFTER - CLAD FRAME	C15010	RA2	KN1D, KN2	AP1
OH2	END OVERHANG	C15012	OH2a	OH6	
OH3	END OVERHANG FASCIA	C10015	OH2	OH6	
DM1	MULLION - ROLLER DOOR	C15010	EB1	DM1	MC3
DM2	MULLION - ROLLER DOOR	Z15012 + C15010	EB1	DM2	MC1
RH1	HEAD - ROLLER DOOR	TS6175 + TS6175	RH1		
VB	VERTICAL BATTEN	TS2242 @ 600 CTS			
Bw7	BRACING - SIDE WALL	35x 1.5 strap	SB2		
Be	BRACING - END WALL	35x 1.5 strap	SB2		
Br1	BRACING - ROOF	35x 1.5 strap	SB2		
LB1	BRACE - LATERAL FLY	95 x 0.6 STRAP	LB1		
OM	PA MULLION	1.0 BMT FOLDED ANGLE			
F1	FASCIA	C10010			
P1	PURLINS	TS6110 @ 900	BL1		
P1a		TS6110 @ 900	BL1		
G1	GIRTS - SIDE	TS6110 @ 1300	BL1		
G1a		TS6110 @ 1300	BL1		
G2	GIRTS - END	TS6110 @ 1300	BL1		
G2a		TS6110 @ 1300	BL1		

BRACING

SIDE WALL CROSS BRACING AS SHOWN ON THESE DRAWINGS CAN BE MOVED TO OTHER BAYS ON THE SAME SIDE WALL PROVIDED:

- HEIGHT TO WIDTH RATIO IN THE TARGET BAY DOES NOT EXCEED 2
- WIDTH OF THE TARGET BAY DOES NOT EXCEED WIDTH OF THE BAY WHERE BRACING IS SHOWN
- THERE ARE NO DOORS AND WINDOWS IN THE TARGET BAY
- ROD BRACING CAN BE MOVED TO CLAD OR UNCLAD BAYS
- STRAP BRACING CAN BE MOVED ONLY TO CLAD BAYS

GENERAL

- THIS IS A STANDARDISED DESIGN SUITABLE FOR LIGHT INDUSTRIAL, COMMERCIAL & RURAL BUILDINGS TO STANDARDS & REQUIREMENTS PROVIDED BY RANBUILD.
- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH RANBUILD ASSEMBLY GUIDE.
- ANY DISCREPANCY SHALL BE REFERED TO THE ENGINEER BEFORE PROCEEDING WITH WORK.
- ALL MATERIALS & WORKMANSHIP SHALL BE IN ACCORDANCE WITH RELEVANT & CURRENT SAA CODES & WITH BY-LAWS & ORDINANCES OF THE RELEVANT BUILDING AUTHORITIES EXCEPT WHERE VARIED BY THE PROJECT SPECIFICATION.
- ALL DIMENSIONS SHOWN SHOULD BE VERIFIED BY THE BUILDER ON SITE. ENGINEERS DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.
- DURING CONSTRUCTION THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION & NO PART SHALL BE OVERSTRESSED. TEMPORARY BRACING SHALL BE PROVIDED BY THE BUILDER TO KEEP THE WORKS & EXCAVATIONS STABLE AT ALL TIMES.
- UNLESS NOTED OTHERWISE ALL LEVELS ARE IN METRES & ALL DIMENSIONS ARE IN MILLIMETRES.
- THE STRUCTURAL COMPONENTS DETAILED ON THESE DRAWINGS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RELEVANT SAA CODES & NORMAL ENGINEERING PRACTICE.
- ARCHITECTURAL ELEMENTS TO HAVE A MINIMUM OF 20mm CLEARANCE OF THE STRUCTURE & ARE TO BE ARTICULATED.
- IT IS COMMON SENSE TO WORK SAFELY AND TO PROTECT YOURSELF AND OTHERS FROM ACCIDENTS ON SITE. TO DO THIS, YOU MUST ENSURE YOU HAVE IN PLACE SAFE WORK PRACTICES AND APPROPRIATE EQUIPMENT. SAFETY INVOLVES PERSONAL PROTECTION OF EYES, OF SKIN(FROM SUNBURN) AND OF HEARING(FROM NOISE). FALL PROTECTION MUST ALSO BE IN PLACE AS APPLICABLE INCLUDING SAFETY MESH, PERSONAL HARNESSES AND PERIMETER GUARDRAILS. IT IS RECOMMENDED THAT YOU FAMILIARIZE YOURSELF WITH APPLICABLE LAWS, REGULATIONS, RULES, GUIDELINES, CODES OF PRACTICE AND STANDARDS AND THAT YOU ADHERE STRICTLY TO THEM.

STRUCTURAL STEEL SPECIFICATION

- ALL STRUCTURAL STEELWORK TO BE CARRIED OUT IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING SAA CODES & SPECIFICATIONS.
  AS4100 STEEL STRUCTURES CODE
  AS/NZS 4600 COLD FORMED STEEL STRUCTURES CODE.
  AS1111 COMMERCIAL BOLTS & SCREWS.
  AS2867 FARM STRUCTURES (WHERE APPLICABLE).
- PROPRIETARY PRODUCTS ARE TO BE IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURERS INSTRUCTIONS.

FRAME ASSEMBLY

- CORRECT FRAME ASSEMBLY IS IMPORTANT TO ACHIEVE OPTIMUM PERFORMANCE OF THE STRUCTURE
- FULLY TENSION BOLTS AT KNEE & APEX JOINTS AS SPECIFIED BEFORE STANDING FRAMES.
- FULLY TENSION BOLTS AT BASE CONNECTIONS AS SPECIFIED IMMEDIATELY AFTER STANDING THE FRAME.
- ROOF & WALL BRACING PROVIDE STRUCTURAL STABILITY WHERE SPECIFIED & MUST BE INSTALLED BEFORE THE CLADDING.

SELF DRILLING SCREWS

- QUALITY AND MECHANICAL PROPERTIES OF STRUCTURAL SCREWS MUST COMPLY WITH AS3566.1.
- ALL TEK SCREWS SHALL BE NO. 12 - 14 X 20 U.N.O
- THE MINIMUM DISTANCE OF EDGE/END SCREWS MUST HAVE AN EDGE DISTANCE OF 1.5 X SCREW DIAMETER FROM THE EDGE.
- THE MINIMUM DISTANCE OF SCREW TO SCREW SPACING MUST NOT BE LESS THAN 3 X SCREW DIAMETER BETWEEN ANY SCREWS.

HIGH TENSILE BOLTS

- ALL BOLTS SHALL BE M16 / 8.8 / S U.N.O
- CONNECTIONS WITH 8.8S BOLTS SPECIFIED ARE DESIGNED AS FRICTION TYPE JOINTS & BOLTS, NUTS & WASHERS SHALL COMPLY WITH THE RELEVANT REQUIREMENTS OF AS1252.
- 8.8/S BOLTS TO BE INSTALLED IN ACCORDANCE WITH AS4100 & TENSIONED BY AN APPROVED METHOD TO PRODUCE THE FOLLOWING SHANK TENSIONS

SHANK TENSION

BOLT SIZE	(kN)
M12	50
M16	90

- FOR THIS DESIGN AN ACCEPTABLE TENSIONING METHOD IS SNUG TIGHT (PODGER SPANNER TIGHT) PLUS HALF A TURN.

CLADDING

- ALL ROOF AND WALL CLADDING TO BE INSTALLED IN ACCORDANCE WITH AS1562.1 AND THE MANUFACTURER'S INSTRUCTIONS.
- ROOF AND WALL CLADDING ARE STRUCTURAL DIAPHRAGM BRACINGS. UNDER NO CIRCUMSTANCES SHOULD THE CLADDING BE REMOVED WITHOUT WRITTEN APPROVAL FROM A PRACTICING STRUCTURAL ENGINEER.

DESIGN LOADING

- THE STRUCTURAL COMPONENTS SHOWN ON THESE DRAWINGS HAVE BEEN DESIGNED FOR THE FOLLOWING LOAD CONDITIONS COMPLYING WITH RELEVANT AUSTRALIAN STANDARDS INCLUDING AS/NZS 1170.2:2021:-

ROOF DEAD LOAD	SELF WEIGHT ONLY
ROOF LIVE LOAD	(1.6/A+0.12) BUT NOT LESS THAN 0.25kPa AND 1.1kN
WIND LOAD REGION	A1-A5
TERRAIN CATEGORY	2.5
IMPORTANCE LEVEL	2
Md	1.0
Mt	1.0
INTERNAL PRESSURE COEFFICIENTS	Cpi = -0.65 or +0.7 (OPEN)
SITE CLASS	M (CLAY)
GROUND SNOW LOAD Sg	0.5 kPa
COASTAL DISTANCE	N/A

- ALL DOORS AND WINDOWS SHALL HAVE THE SAME CYCLONIC WIND LOAD RATING AS THE REST OF THE BUILDING ENVELOPE, INCLUDING RESISTANCE TO FLYING DEBRIS AS SPECIFIED IN AS1170.2:2021 AND AS/NZS 4505-2012. DOORS AND WINDOWS SHALL BE CLOSED DURING STORMS. DOORS SHALL BE INSTALLED WITH WIND LOCKS IN CYCLONIC AREAS. SUPPORTING DOCUMENTATION INCLUDING TEST REPORTS SHALL BE AVAILABLE FROM DOORS AND WINDOWS MANUFACTURERS TO CONFIRM LOAD RATING AND ENSURE COMPLIANCE WITH ABOVE MENTIONED STANDARDS AND BCA. DOORS ARE ALSO REQUIRED TO BE SUPPLIED WITH A STICKER THAT SHOWS A RANGE OF INFORMATION INCLUDING THE DESIGN PRESSURE OF THE DOOR ACCORDING TO AS/NZS 4505-2012 REQUIREMENTS.

COPYRIGHT NOTE

DRAWING SCHEDULE

RANBUILD

ACCREDITED PRACTITIONER

Alexander Filonov.
MIEAust, CPEng, NPER 1296608 (STRUCTURAL)
RPEQ 8094, CC4719p, EC27759, 24332ES

CLIENT: Barry Snape

SITE: 5 Anderson Street GUNNEDAH NSW 2380

BUILDING TYPE: Deluxe

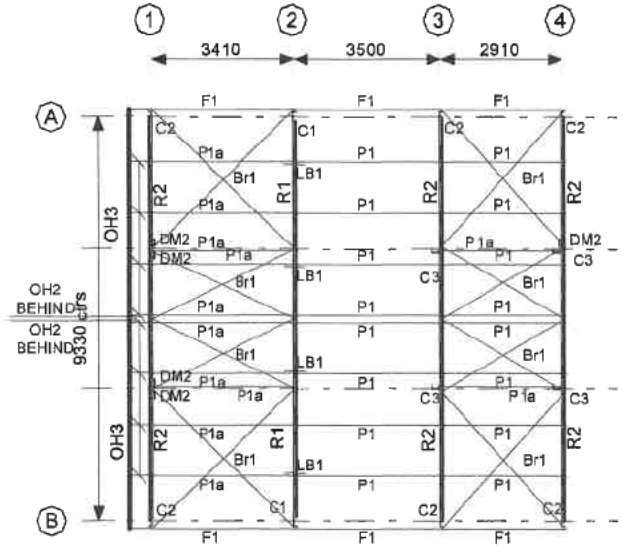
BUILDING DIMENSION: 9700S x 2660E x 10000L

TITLE: STEEL FRAME SCHEDULE, NOTES & COVER PAGE

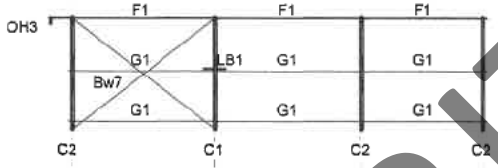
DRAWING NUMBER: ENG1/1-437182

FOR BUILDING PERMIT STAGE

DRAWN	REV	SCALE	PAGE
RDS	B	NTS A4	1/7



FRAME ROOF PLAN



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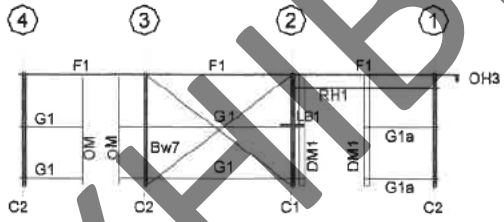

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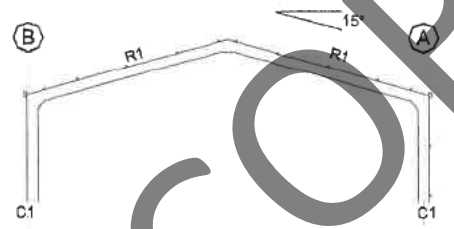

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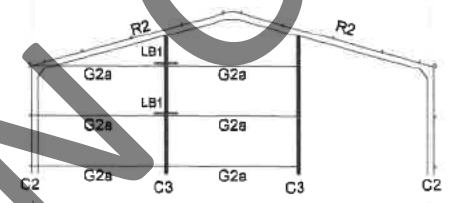

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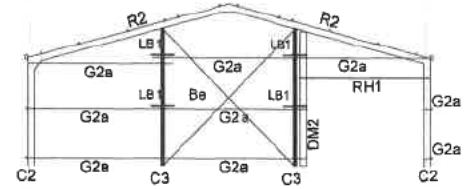

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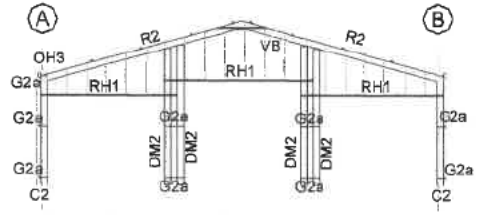

ELEVATION GRID 1 (Set Back)

RANBUILD

ACCREDITED PRACTITIONER

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CLIENT
Barry Snape

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5 Anderson Street
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BUILDING TYPE
Deluxe

BUILDING DIMENSION
9700S x 2660E x 10000L

TITLE
STEEL FRAME DIAGRAMS

DRAWING NUMBER
ENG2/1-437182

FOR BUILDING PERMIT STAGE

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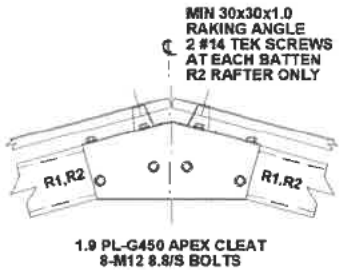
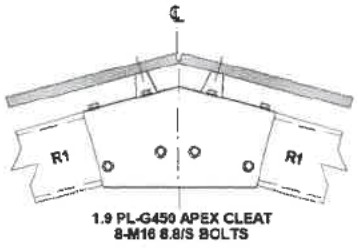
RDS	B	1:175 A4	2/7



APEX CONNECTION - AP1



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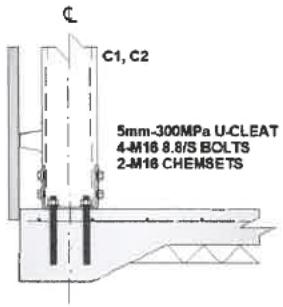
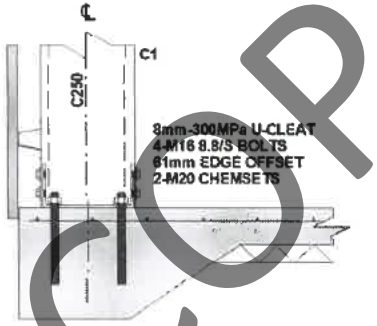
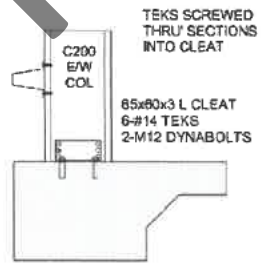


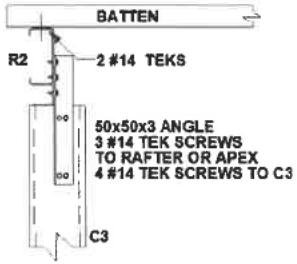
BASE CONNECTION - BC3



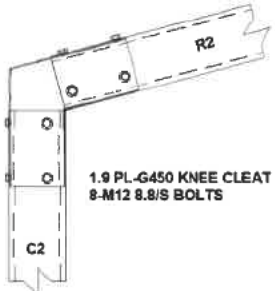
BASE CONNECTION - BC5



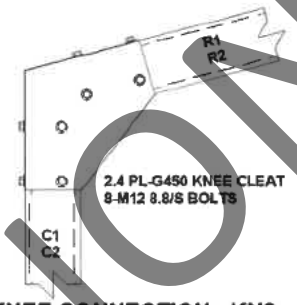
E/W COLUMN BASE - EB2



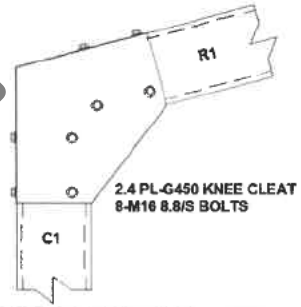
E/W COLUMN TO RAFTER CONNECTION - ER1



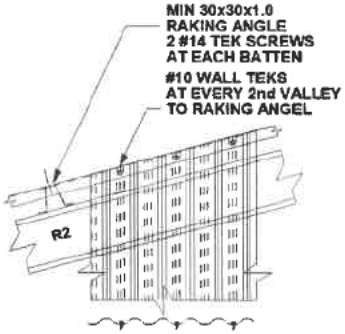
KNEE CONNECTION - KN1D



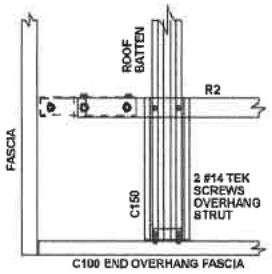
KNEE CONNECTION - KN2



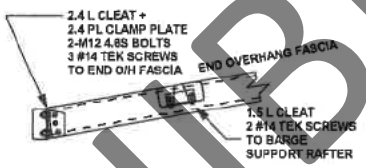
KNEE CONNECTION - KN4



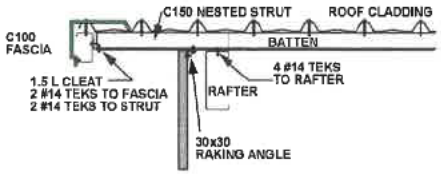
RAKING ANGLE - RA2



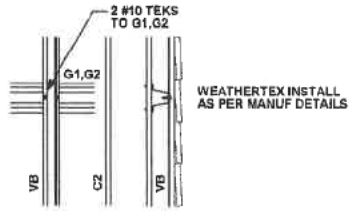
OVERHANG - OH2a



OVERHANG - OH2
END OVERHANG FASCIA CONN



OVERHANG - OH6
RAFTER LOCATION
END OVERHANG



HORIZONTAL CLADDING

RANBUILD

ACCREDITED PRACTITIONER

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MIEAust, CPEng, NPER 1296608 (STRUCTURAL)
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CLIENT
Barry Snape

SITE
5 Anderson Street
GUNNEDAH NSW 2380

BUILDING TYPE
Deluxe

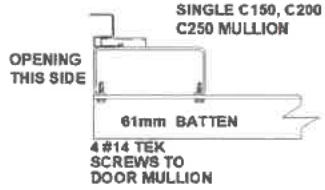
BUILDING DIMENSION
9700S x 2660E x 10000L

TITLE
CONNECTION DETAILS

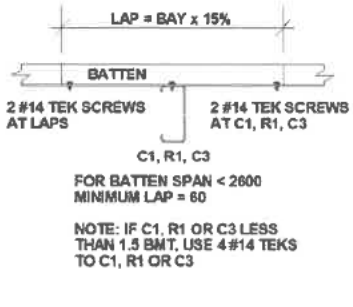
DRAWING NUMBER
ENG3/1-437182

FOR BUILDING PERMIT STAGE

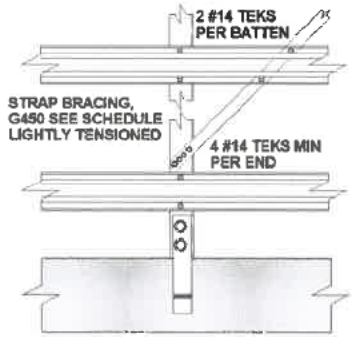
DRAWN	REV	SCALE	PAGE
RDS	B	1:20 A4	3/7



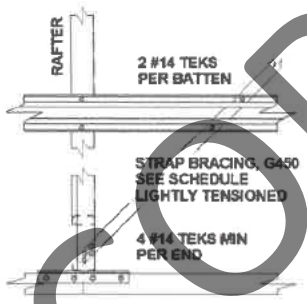
RD MULLION - DM1



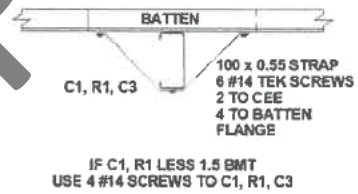
BATTEN LAP - BL1



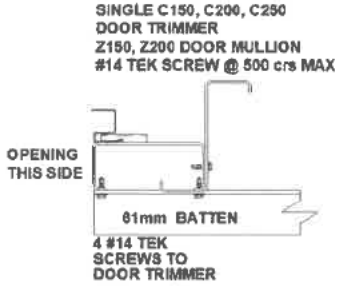
STRAP BRACING - SB1



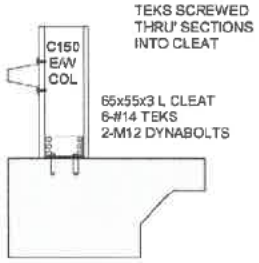
STRAP BRACING - SB2



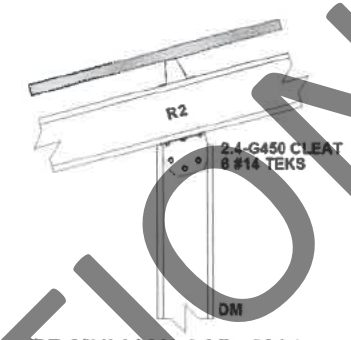
LATERAL BRACE - LB1



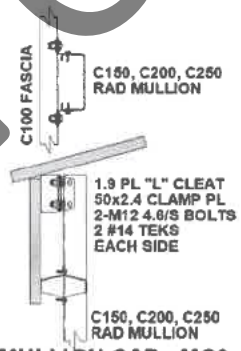
RD MULLION - DM2



E/W COLUMN BASE - EB1



RD MULLION CAP - MC1



RD MULLION CAP - MC3

CORRUGATED PROFILE - CREST FIXED
(END SUPPORTS)
NON-CYCLONIC 0.42 BMT (MIN), #12-14x50 TEKS
(ALL SUPPORTS)
CYCLONIC 0.42 BMT (MIN), #14-10x50 TEKS

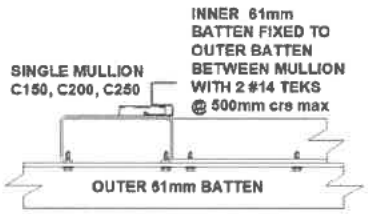
CORRUGATED PROFILE - CREST FIXED
(INTERNAL SUPPORTS)
NON-CYCLONIC 0.42 BMT (MIN), #12-14x50 TEKS

ROOF CLADDING
SHEAR DIAPHRAGM - RC2

CORRUGATED PROFILE - PAN FIXED
(END SUPPORTS)
NON-CYCLONIC 0.35 BMT (MIN), #10-16x16 TEKS
(ALL SUPPORTS)
CYCLONIC 0.42 BMT (MIN), #14-10x25 TEKS

CORRUGATED PROFILE - PAN FIXED
(INTERNAL SUPPORTS)
NON-CYCLONIC 0.35 BMT (MIN), #10-16x16 TEKS

WALL CLADDING
SHEAR DIAPHRAGM - WC2



RD HEAD - RH1

RANBUILD

ACCREDITED PRACTITIONER
Alexander Filonov.
MIEAust, CPEng, NPER 1296608 (STRUCTURAL)
RPEQ 8094, CC4719p, EC27759, 24332ES

CLIENT
Barry Snape

SITE
5 Anderson Street
GUNNEDAH NSW 2380

BUILDING TYPE
Deluxe

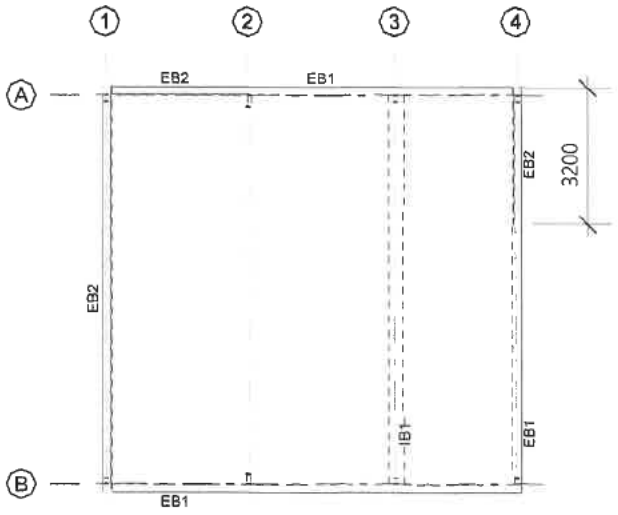
BUILDING DIMENSION
9700S x 2660E x 10000L

TITLE
CONNECTION DETAILS

DRAWING NUMBER
ENG3/2-437182

FOR BUILDING PERMIT STAGE

DRAWN	REV	SCALE	PAGE
RDS	B	1:20 A4	4/7



RC SLAB

THIS GENERAL PURPOSE RC FLOOR DESIGN IS SUITABLE FOR STRUCTURES USED FOR DOMESTIC, FARM AND COMMERCIAL NON-HABITABLE BUILDINGS SUCH AS GARAGES, STORAGE SHEDS, BARNS, STABLES ETC. THE DESIGN IS NOT SUITABLE FOR STRUCTURES CONVERTED FOR USE AS A DWELLING.
ALL DIMENSIONS SHOULD BE CHECKED AND VERIFIED PRIOR TO COMMENCEMENT OF ANY WORKS.
IF SLIDING DOORS ARE INCLUDED ON THIS PROJECT, A STRIP FOOTING OR PAD FOOTINGS WILL BE NECESSARY, AND MUST BE POURED IN CONJUNCTION WITH THIS GARAGE'S SLAB OR FOOTINGS.

SEE ERECTION INSTRUCTIONS FOR ADDITIONAL NOTES.

REFERENCE

SEE SLAB DETAIL DRAWING FOR:-
- SITE FOUNDATION CLASSIFICATION NOTES
- MINIMUM SITE PREPARATION NOTES
- CONCRETE SPECIFICATION NOTES
- CONCRETE REINFORCEMENT NOTES
- SLAB ON GRADE NOTES
- DETAIL S1/ES1 - SLAB EDGE TYPE 1
- DETAIL S1/ES2 - SLAB EDGE TYPE 2
- DETAIL S1/IB1 - INTERNAL BEAM TYPE 1
- DETAIL S1/A - SLAB CONTROL JOINT
- DETAIL S1/C - SLAB CONSTRUCTION JOINT

RANBUILD

ACCREDITED PRACTITIONER

Alexander Filonov.
MIEAust, CPEng, NPER 1296608 (STRUCTURAL)
RPEQ 8094, CC4719p, EC27759, 24332ES

CLIENT
Barry Snape

SITE
5 Anderson Street
GUNNEDAH NSW 2380

BUILDING TYPE
Deluxe

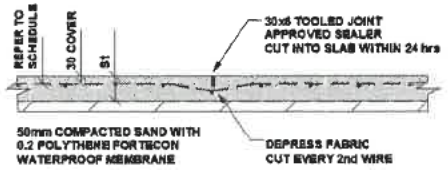
BUILDING DIMENSION
9700S x 2660E x 10000L

TITLE
RC SLAB PLAN

DRAWING NUMBER
ENG4/1-437182

FOR BUILDING PERMIT STAGE

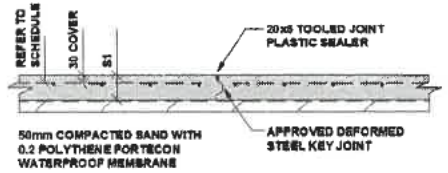
DRAWN	REV	SCALE	PAGE
RDS	B	1:40, 1:175 A4	5/7



DET S1/A

CONTROL JOINT

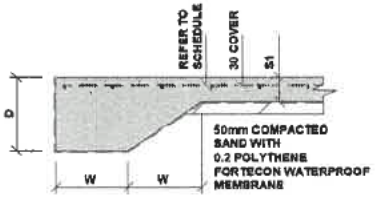
CONTROL JOINTS MUST BE SUPPLIED AT NOT GREATER THAN 4.5M OR CONCRETE POUR AT A RATIO OF NOT MORE THAN 1:1.2 IN ANY DIRECTION.



DET S1/C

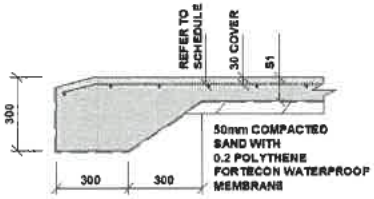
CONSTRUCTION JOINT

CONSTRUCTION JOINTS MUST BE SUPPLIED WHERE AN UNBROKEN RUN OF CONCRETE POUR EXCEEDS 30M IN ANY DIRECTION.



DET S1/EB1 FOR RC SLAB

NOT SUITABLE AT OPENINGS
SUBJECT TO VEHICLE TRAFFIC



DET S1/EB2

REQUIRED AT OPENINGS
SUBJECT TO VEHICLE TRAFFIC

SITE FOUNDATION CLASSIFICATION

TWO COMMON FOUNDATION CONDITIONS & SITE CLASSIFICATIONS IN ACCORDANCE WITH AS2870 ARE USED FOR THE STANDARDISED FOOTING DESIGNS AS FOLLOWS:-

- STIFF CLAY CONFORMING TO AS2870 CLASS M.
  MINIMUM SAFE BEARING CAPACITY - 100 kPa.
  SHAFT ADHESION - 20 kPa
- DENSE SAND CONFORMING TO AS2870 CLASS A/S.
  MINIMUM SAFE BEARING CAPACITY - 100 kPa.
- A SITE SPECIFIC GEOTECHNICAL INVESTIGATION IS RECOMMENDED & IF CONDITIONS OTHER THAN ASSUMED ARE ENCOUNTERED A DIFFERENT FOOTING DESIGN MAY BE REQUIRED & SHOULD BE REFERED TO A QUALIFIED LOCAL ENGINEER.
- ALL FOOTINGS TO BE FOUNDED IN NATURAL GROUND.
- NO FOOTING TO BE FOUNDED ON FILL MATERIAL.
- REFERENCE SHOULD BE MADE TO CSIRO PUBLICATION 10.91 GUIDE TO HOME OWNERS ON FOUNDATION MAINTENANCE & FOOTING PERFORMANCE

MINIMUM SITE PREPARATION

- STRIP SITE OF ALL TOP SOIL & DISCARD TO SPOIL. THE EXPOSED SURFACE TO BE PROOF ROLLED & AREAS REMAINING SOFT OR SPONGY ARE TO BE EXCAVATED TO SPOIL.
- PLACE APPROVED GRANULAR FILL MATERIAL TO THE REQUIRED BUILDING PLATFORM LEVEL IN LAYERS NOT EXCEEDING 200mm AND COMPACT BY ROLLING WITH SUITABLE EQUIPMENT TO ACHIEVE A DRY DENSITY RATIO OF 98% STANDARD COMPACTION TO AS1289 - E1.1 AT OPTIMUM MOISTURE CONTENT. THE TOP 200mm TO BE COMPACTED TO 100% STANDARD DRY DENSITY.
- THE COMPACTION OF ALL FILL MATERIAL TO BE INSPECTED AND APPROVED BY A RESPONSIBLE GEOTECHNICAL CONSULTANT.

CONCRETE REINFORCEMENT

- REINFORCEMENT IS REPRESENTED DIAGRAMATICALLY & NOT NECESSARILY IN TRUE PROJECTION.
- REINFORCEMENT NOTATION:-

  N DENOTES HOT ROLLED DEFORMED BAR.

  SL DENOTES HARD DRAWN WELDED WIRE FABRIC, THE NUMBER IMMEDIATELY FOLLOWING BAR NOTATION IS THE NOMINAL DIAMETER IN mm.

- PROVIDE BAR SUPPORTS OR SPACERS TO GIVE THE FOLLOWING COVER TO ALL RIENFORCEMENT UNLESS NOTED OTHERWISE.

  FOOTINGS 60 BOTTOM, 65 TOP & SIDES
  SLABS 30 BOTTOM, 20 TOP
  BEAMS 40 BOTTOM & SIDES TO STIRRUPS. TOP COVER AS DETAILED

- PROVIDE 2N12 DIAGONAL CORNER BARS 900 LONG AT ALL RE-ENTRANT CORNERS OF OPENINGS IN SLABS AND THESE BARS TO BE POSITIONED 30mm FROM THE CORNER.

CONCRETE SPECIFICATION

- CARRY OUT ALL WORK IN ACCORDANCE WITH THE CURRENT ISSUE OF AS3600 & THE SPECIFICATION.
- CONCRETE SIZES SHOWN DO NOT INCLUDE FINISH & MUST NOT BE REDUCED OR HOLED IN ANY WAY WITHOUT THE ENGINEERS APPROVAL. DEPTH OF BEAMS INCLUDE SLAB THICKNESS.
- SLABS & BEAMS ARE TO BE POURED TOGETHER.
- CONSOLIDATE BY VIBRATION.
- SLAB CONCRETE TO BE AS SHOWN IN SLAB ON GRADE CRITERIA.
- BORED PIER CONCRETE SHALL HAVE F'c = 20 MPa, MAXIMUM AGGREGATE SIZE = 20 mm, SLUMP = 100 mm, EXCEPT FOR BCA CLASSES 2 TO 9 BUILDINGS CONCRETE SHALL HAVE F'c = 32MPa.

SLABS ON GRADE

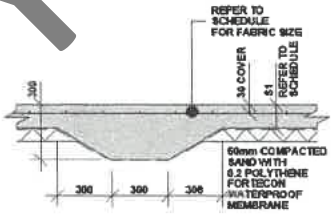
- SLABS TO BE PLACED OVER 25 CONSOLIDATED SAND OVER PREPARED SUBGRADE.
- PROVIDE 0.2 POLYTHENE FORTICON WATERPROOF MEMBRANE UNDER ALL SLABS WITH LAPPED & TAPED JOINTS.
- PLACE PUMP MIX CONCRETE AS SPECIFIED BELOW TO ACCURATE LEVELS AS PER ARCHITECTS SPECIFICATION.
- PROVIDE CONTROL JOINTS AS INDICATED BY NEATLY SAW CUTTING 40 x 6 GROOVES WITHIN 12 HOURS OF THE FINAL FLOAT OF THE CONCRETE.
- CURE SLAB FOR 7 DAYS AFTER PLACEMENT BY MAINTAINING A CONTINUOUSLY WET SURFACE BY APPROVED METHODS. FLOODING & COVERING WITH POLYTHENE IMMEDIATLY AFTER FINISHING IS AN APPROVED METHOD.
- SEALING OF JOINTS TO BE CARRIED OUT ONE MONTH MINIMUM AFTER CURING IS COMPLETE.
- PROVIDE PROPER STORMWATER DRAINAGE AWAY FROM THE BUILDING.

SLAB ON GRADE CRITERIA	
CONCRETE COMPRESSIVE STRENGHT AT 28 DAYS (MPa)	20
FLEXURAL STRENGHT AT 90 DAYS (MPa)	5
SLUMP (mm)	100
AGGREGATE MAXIMUM SIZE (MM)	20
CEMENT TYPE	SL
CEMENT CONTENT (kg/cubic metre) MIN	320
FLY ASH CONTENT (kg/cubic metre) MAX	70
WATER / CEMENT RATIO (MAX)	0.45
MICROSTRAIN AT 56 DAYS	600
FLOOR FINISH - BURNISHED STEEL TROWEL	NON SLIP
FLOOR TOLERANCE	CLASS B

- FOR OTHER LOAD CONDITIONS A DESIGN VARIATION IS REQUIRED & SHOULD BE REFERED TO A QUALIFIED LOCAL ENGINEER.

DIMENSION SCHEDULE

D	300
W	300
S1	100RC SLAB
FABRIC	SL62T mesh



DET S1/IB1

RANBUILD

ACCREDITED PRACTITIONER
Alexander Filonov.
MIEAust, CPEng, NPER 1296608 (STRUCTURAL)
RPEQ 8094, CC4719p, EC27759, 24332ES

CLIENT
Barry Snape

SITE
5 Anderson Street
GUNNEDAH NSW 2380

BUILDING TYPE
Deluxe

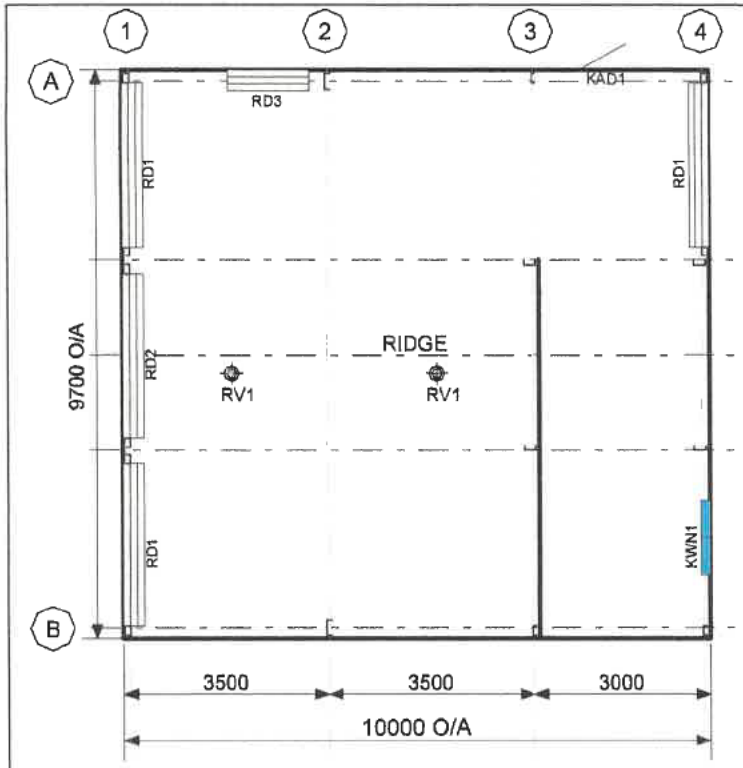
BUILDING DIMENSION
9700S x 2660E x 10000L

TITLE
RC SLAB DETAILS, CONCRETE SPECIFICATION, SITE NOTES

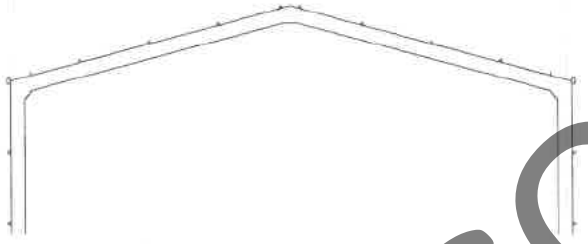
DRAWING NUMBER
ENG6/1-437182

FOR BUILDING PERMIT STAGE

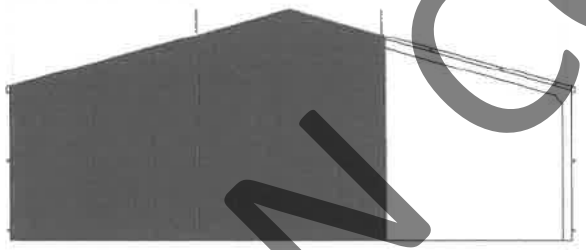
DRAWN	REV	SCALE	PAGE
RDS	B	1:40 A4	6/7



FRAME ROOF PLAN

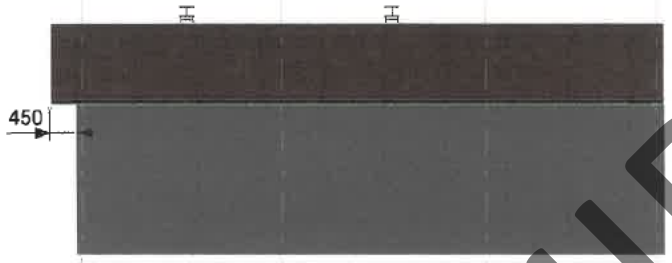


SECTION GRID 2

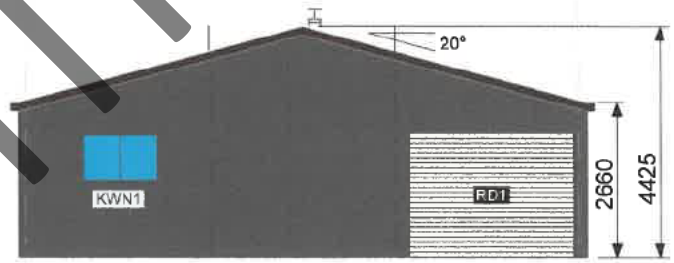


SECTION GRID 3

IMPORTANT: IT WAS ACCEPTED TO PLACE BRACING OVER WINDOWS.



ELEVATION GRID B



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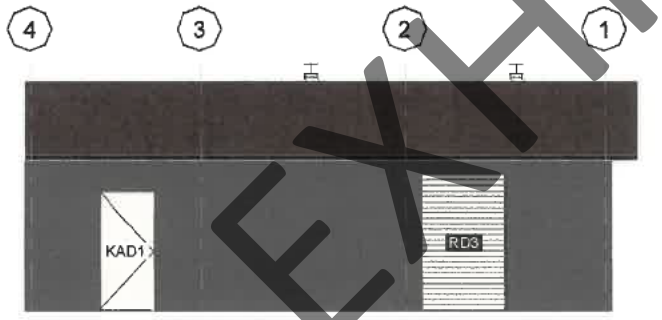

ELEVATION GRID A

ELEVATION GRID 1 - WEATHERTEX

RANBUILD

CLADDING

ITEM	PROFILE (min)	FINISH	COLOUR
ROOF	CUSTOM ORB 0.42 BMT	CB	MD
WALLS	CUSTOM ORB 0.42 BMT	CB	WG
WALLS	GRID 1 - WEATHERTEX	CB	WG
CORNERS	-	CB	WG
GUTTER	HI-QUAD	CB	NS
DOWNPIPE	100x50	CB	WG

0.35bmt=0.40tct; 0.42bmt=0.47tct; 0.48bmt=0.53tct

ACCESSORY SCHEDULE & LEGEND

QTY	MARK	DESCRIPTION
3	RD1	B&D, Firmadoor, R.D, Residential "R1F", 2060 high x 2800 wide Clear Opening C/B
1	RD2	B&D, Firmadoor, R.D, Residential "R1F", 2425 high x 2800 wide Clear Opening C/B
1	KAD1	Premium (TA650DO) Access Door Kit. C/B (D). (Not Available in WA)
1	KWN1	AMI - Reg A & B, 790x1274 CLR + FG Fly Screen, Window Kit (BDSP)
1	RD3	B&D, Firmadoor, R.D, Residential "R1F", 2260 high x 1400 wide Clear Opening C/B
2	RV1	Rotary vent, 300 DIA Throat

ARCHITECTURAL DRAWING ONLY, FOR BUILDING PERMIT STAGE

CLIENT
Barry Snape

SITE
5 Anderson Street
GUNNEDAH NSW 2380

BUILDING
DELUXE
9700 SPAN x 2660 EAVE x 10000 LONG

ACCREDITED PRACTITIONER

Alexander Filonov.
MIEAust, CPEng, NPER 1296608 (STRUCTURAL)
RPEQ 8094, CC4719p, EC27759, 24332ES

TITLE
GENERAL ARRANGEMENT

SCALE	DRAWING NUMBER	REV	PAGE
A4 SHEET 1:125	437182-GA	B	7/7

STRUCTURAL STEELWORK SCHEDULE			CONNECTIONS		
MARK	DESCRIPTION	SECTION	BASE	EAVES	TOP
C1	COLUMN - UNCLAD FRAME	C25019	BC5	KN4	
C2	COLUMN - CLAD FRAME	C15012	BC3	KN1D, KN2	
C3	COLUMN - END	C20015	EB2		ER1
R1	RAFTER - UNCLAD FRAME	C25019		KN4	AP2
R2	RAFTER - CLAD FRAME	C15010	RA2	KN1D, KN2	AP1
OH1	SIDE OVERHANG	C15024	OH1, OH1a	OH3, OH3a	
OH2	END OVERHANG	C15012	OH2a	OH6	
OH3	END OVERHANG FASCIA	C10015	OH2	OH6	
DM1	MULLION - ROLLER DOOR	C15010	EB1	DM1	MC3
DM2	MULLION - ROLLER DOOR	Z15012 + C15010	EB1	DM2	MC1
RH1	HEAD - ROLLER DOOR	TS6175 + TS6175	RH1		
Bw7	BRACING - SIDE WALL	30x 0.8 strap	SB1		
Be	BRACING - END WALL	DIAPHRAGM			
Br1	BRACING - ROOF	35x 1.5 strap	SB2		
LB1	BRACE - LATERAL FLY	95 x 0.8 STRAP	LB1		
F1	FASCIA	C10010			
P1	PURLINS	TS6175 @ 1240	BL1		
P1a		TS6110 @ 1240	BL1		
G1	GIRTS - SIDE	TS6175 @ 1300	BL1		
G1a		TS6160 @ 1300	BL1		
G2	GIRTS - END	TS6160 @ 1300	BL1		
G2a		TS6175 @ 1300	BL1		

BRACING

SIDE WALL CROSS BRACING AS SHOWN ON THESE DRAWINGS CAN BE MOVED TO OTHER BAYS ON THE SAME SIDE WALL PROVIDED:

- HEIGHT TO WIDTH RATIO IN THE TARGET BAY DOES NOT EXCEED 2
- WIDTH OF THE TARGET BAY DOES NOT EXCEED WIDTH OF THE BAY WHERE BRACING IS SHOWN
- THERE ARE NO DOORS AND WINDOWS IN THE TARGET BAY
- ROD BRACING CAN BE MOVED TO CLAD OR UNCLAD BAYS
- STRAP BRACING CAN BE MOVED ONLY TO CLAD BAYS

GENERAL

- THIS IS A STANDARDISED DESIGN SUITABLE FOR LIGHT INDUSTRIAL, COMMERCIAL & RURAL BUILDINGS TO STANDARDS & REQUIREMENTS PROVIDED BY RANBUILD.
- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH RANBUILD ASSEMBLY GUIDE.
- ANY DISCREPANCY SHALL BE REFERED TO THE ENGINEER BEFORE PROCEEDING WITH WORK.
- ALL MATERIALS & WORKMANSHIP SHALL BE IN ACCORDANCE WITH RELEVANT & CURRENT SAA CODES & WITH BY-LAWS & ORDINANCES OF THE RELEVANT BUILDING AUTHORITIES EXCEPT WHERE VARIED BY THE PROJECT SPECIFICATION.
- ALL DIMENSIONS SHOWN SHOULD BE VERIFIED BY THE BUILDER ON SITE. ENGINEERS DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.
- DURING CONSTRUCTION THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION & NO PART SHALL BE OVERSTRESSED. TEMPORARY BRACING SHALL BE PROVIDED BY THE BUILDER TO KEEP THE WORKS & EXCAVATIONS STABLE AT ALL TIMES.
- UNLESS NOTED OTHERWISE ALL LEVELS ARE IN METRES & ALL DIMENSIONS ARE IN MILLIMETRES.
- THE STRUCTURAL COMPONENTS DETAILED ON THSBE DRAWINGS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RELEVANT SAA CODES & NORMAL ENGINEERING PRACTICE.
- ARCHITECTURAL ELEMENTS TO HAVE A MINIMUM OF 20mm CLEARANCE OF THE STRUCTURE & ARE TO BE ARTICULATED.
- IT IS COMMON SENSE TO WORK SAFELY AND TO PROTECT YOURSELF AND OTHERS FROM ACCIDENTS ON SITE. TO DO THIS, YOU MUST ENSURE YOU HAVE IN PLACE SAFE WORK PRACTICES AND APPROPRIATE EQUIPMENT. SAFETY INVOLVES PERSONAL PROTECTION OF EYES, OF SKIN(FROM SUNBURN) AND OF HEARING(FROM NOISE). FALL PROTECTION MUST ALSO BE IN PLACE AS APPLICABLE INCLUDING SAFETY MESH, PERSONAL HARNESSES AND PERIMETER GUARDRAILS. IT IS RECOMMENDED THAT YOU FAMILIARIZE YOURSELF WITH APPLICABLE LAWS, REGULATIONS, RMCS, GUIDELINES, CODES OF PRACTICE AND STANDARDS AND THAT YOU ADHERE STRICTLY TO THEM.

STRUCTURAL STEEL SPECIFICATION

- ALL STRUCTURAL STEELWORK TO BE CARRIED OUT IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING SAA CODES & SPECIFICATIONS.
  AS4100 STEEL STRUCTURES CODE
  AS/NZS 4600 COLD FORMED STEEL STRUCTURES CODE.
  AS1111 COMMERCIAL BOLTS & SCREWS.
  AS2867 FARM STRUCTURES (WHERE APPLICABLE).
- PROPRIETARY PRODUCTS ARE TO BE IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURERS INSTRUCTIONS.

FRAME ASSEMBLY

- CORRECT FRAME ASSEMBLY IS IMPORTANT TO ACHIEVE OPTIMUM PERFORMANCE OF THE STRUCTURE
- FULLY TENSION BOLTS AT KNEE & APEX JOINTS AS SPECIFIED BEFORE STANDING FRAMES.
- FULLY TENSION BOLTS AT BASE CONNECTIONS AS SPECIFIED IMMEDIATELY AFTER STANDING THE FRAME.
- ROOF &WALL BRACING PROVIDE STRUCTURAL STABILITY WHERE SPECIFIED & MUST BE INSTALLED BEFORE THE CLADDING.

SELF DRILLING SCREWS

- QUALITY AND MECHANICAL PROPERTIES OF STRUCTURAL SCREWS MUST COMPLY WITH AS3566.1
- ALL TEK SCREWS SHALL BE NO. 12 - 14 X 20 U.N.O
- THE MINIMUM DISTANCE OF EDGE/END SCREWS MUST HAVE AN EDGE DISTANCE OF 1.5 X SCREW DIAMETER FROM THE EDGE.
- THE MINIMUM DISTANCE OF SCREW TO SCREW SPACING MUST NOT BE LESS THAN 3 X SCREW DIAMETER BETWEEN ANY SCREWS.

HIGH TENSILE BOLTS

- ALL BOLTS SHALL BE M16 / 8.8 / S U.N.O
- CONNECTIONS WITH 8.8S BOLTS SPECIFIED ARE DESIGNED AS FRICTION TYPE JOINTS & BOLTS, NUTS & WASHERS SHALL COMPLY WITH THE RELEVANT REQUIREMENTS OF AS1252.
- 8.8/S BOLTS TO BE INSTALLED IN ACCORDANCE WITH AS4100 & TENSIONED BY AN APPROVED METHOD TO PRODUCE THE FOLLOWING SHANK TENSIONS

BOLT SIZE	SHANK TENSION kN
M12	50
M16	90

- FOR THIS DESIGN AN ACCEPTABLE TENSIONING METHOD IS SNUG TIGHT (PODGER SPANNER TIGHT) PLUS HALF A TURN.

CLADDING

- ALL ROOF AND WALL CLADDING TO BE INSTALLED IN ACCORDANCE WITH AS1562.1 AND THE MANUFACTURER'S INSTRUCTIONS.
- ROOF AND WALL CLADDING ARE STRUCTURAL DIAPHRAGM BRACINGS. UNDER NO CIRCUMSTANCES SHOULD THE CLADDING BE REMOVED WITHOUT WRITTEN APPROVAL FROM A PRACTICING STRUCTURAL ENGINEER.

DESIGN LOADING

- THE STRUCTURAL COMPONENTS SHOWN ON THESE DRAWINGS HAVE BEEN DESIGNED FOR THE FOLLOWING LOAD CONDITIONS COMPLYING WITH RELEVANT AUSTRALIAN STANDARDS INCLUDING AS/NZS 1170.2:2021:-

ROOF DEAD LOAD	SELF WEIGHT ONLY
ROOF LIVE LOAD	1.8(A+0.12) BUT NOT LESS THAN 0.25Pa AND 1.1kN
WIND LOAD REGION	A1-A5
TERRAIN CATEGORY	2.5
IMPORTANCE LEVEL	2
Ms	1.0
Mt	1.0
INTERNAL PRESSURE COEFFICIENTS	cpi = -0.45 or +0.7 (OPEN)
SITE CLASS	M (CLAY)
GROUND SNOW LOAD Sg	0.5 kPa
COASTAL DISTANCE	NA

- ALL DOORS AND WINDOWS SHALL HAVE THE SAME CYCLONIC WIND LOAD RATING AS THE REST OF THE BUILDING ENVELOPE, INCLUDING RESISTANCE TO RAINING DEBRIS AS SPECIFIED IN AS1170.2:2021 AND AS/NZS 4505-2012. DOORS AND WINDOWS SHALL BE CLOSED DURING STORMS. DOORS SHALL BE INSTALLED WITH WIND LOCKS IN CYCLONIC AREAS. SUPPORTING DOCUMENTATION INCLUDING TEST REPORTS SHALL BE AVAILABLE FROM DOORS AND WINDOWS MANUFACTURERS TO CONFIRM LOAD RATING AND ENSURE COMPLIANCE WITH ABOVE MENTIONED STANDARDS AND BCA. DOORS ARE ALSO REQUIRED TO BE SUPPLIED WITH A STICKER THAT SHOWS A RANGE OF INFORMATION INCLUDING THE DESIGN PRESSURE OF THE DOOR ACCORDING TO AS/NZS 4505-2012 REQUIREMENTS.

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DRAWING SCHEDULE

RANBUILD

ACCREDITED PRACTITIONER
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15/05/2025

CLIENT: Barry Snape

SITE: 5 Anderson Street GUNNEDAH NSW 2380

BUILDING TYPE: Deluxe

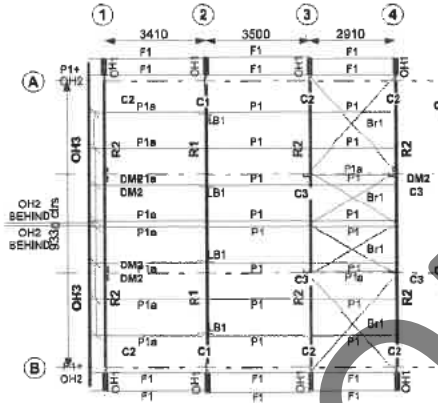
BUILDING DIMENSION: 9700S x 2660E x 10000L

TITLE: STEEL FRAME SCHEDULE, NOTES & COVER PAGE

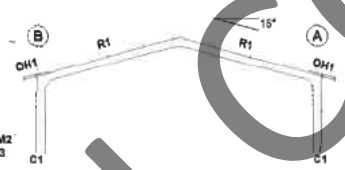
DRAWING NUMBER: ENG1/1-437182

FOR BUILDING PERMIT STAGE

DRAWN	REV	SCALE	PAGE
RDS	A	NTS A3	1/11



FRAME ROOF PLAN



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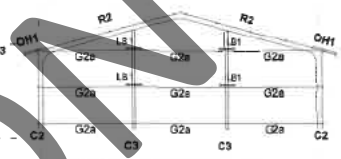

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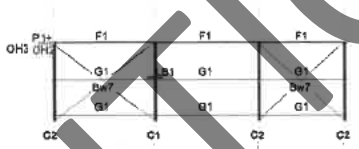
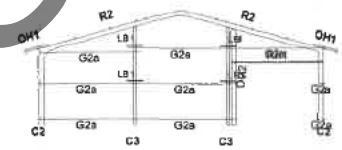


ELEVATION GRID B



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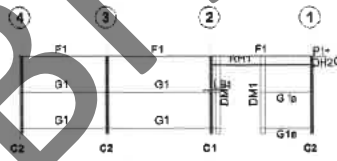
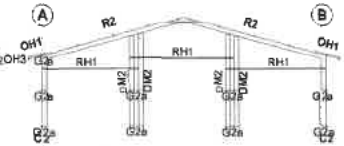


ELEVATION GRID A



ELEVATION GRID 1 (Set Back)

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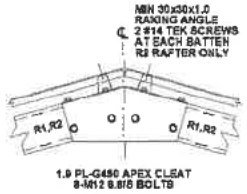
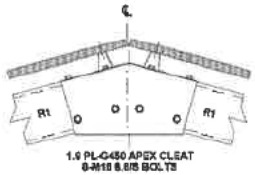
15/05/2025

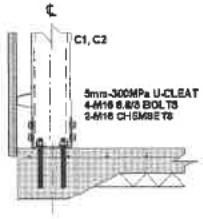
CLIENT: Barry Snape	BUILDING TYPE: Deluxe	DRAWING NUMBER: ENG2/1-437182	
	BUILDING DIMENSION: 9700S x 2660E x 10000L	FOR BUILDING PERMIT STAGE	
SITE: 5 Anderson Street GUNNEDAH NSW 2380	TITLE: STEEL FRAME DIAGRAMS	DRAWN: RDS / REV: A / SCALE: 1:175 A3 / PAGE: 2/11	



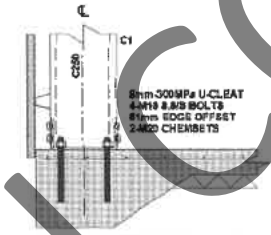
APEX CONNECTION - AP1



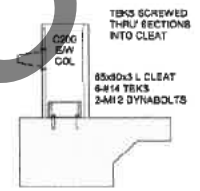
APEX CONNECTION - AP2



BASE CONNECTION - BC3

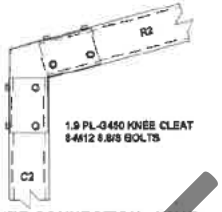


BASE CONNECTION - BC5

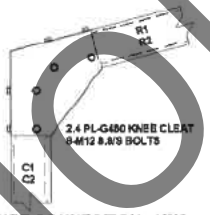


E/W COLUMN BASE - EB2

E/W COLUMN TO RAFTER
CONNECTION - ER1

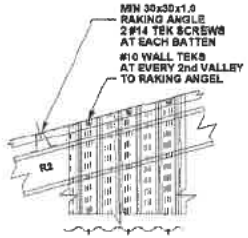


KNEE CONNECTION - KN1D



KNEE CONNECTION - KN2

KNEE CONNECTION - KN4



RAKING ANGLE - RA2

RANBUILD

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15/09/2025

CLIENT
Barry Snape

SITE
5 Anderson Street
GUNNEDAH NSW 2380

BUILDING TYPE
Deluxe

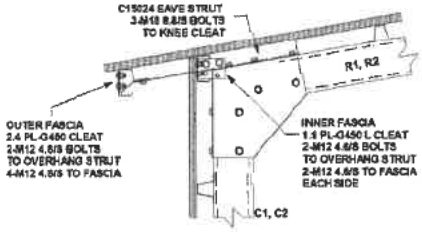
BUILDING DIMENSION
9700S x 2660E x 10000L

TITLE
CONNECTION DETAILS

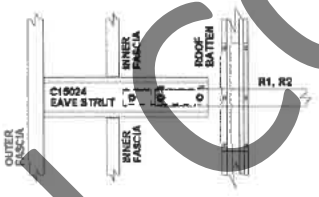
DRAWING NUMBER
ENG3/1-437182

FOR BUILDING PERMIT STAGE

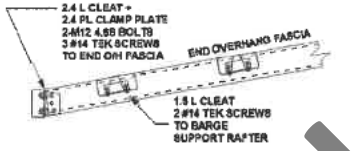
DRAWN	REV	SCALE	PAGE
RDS	A	1:20 A3	3/11



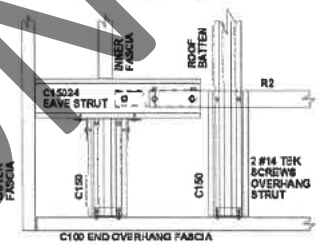
OVERHANG - OH1



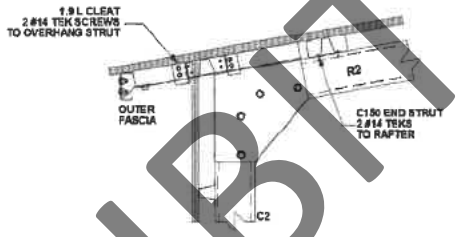
OVERHANG - OH1a



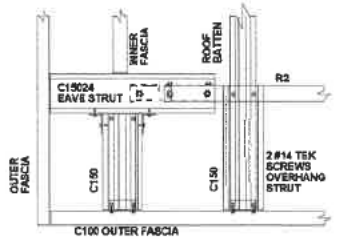
OVERHANG - OH2



OVERHANG - OH2a



OVERHANG - OH3



OVERHANG - OH3a

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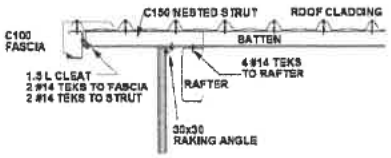
CLIENT: Barry Snape	BUILDING TYPE: Deluxe	DRAWING NUMBER: ENG3/2-437182	
	BUILDING DIMENSION: 9700S x 2660E x 10000L	FOR BUILDING PERMIT STAGE	
SITE: 5 Anderson Street GUNNEDAH NSW 2380	TITLE: CONNECTION DETAILS	DRAWN: RDS / REV: A / SCALE: 1:20 A3 / PAGE: 4/11	



OVERHANG - OH6

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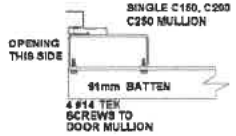
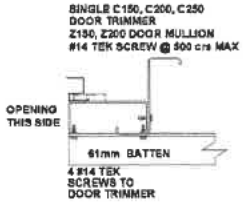
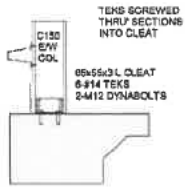
CLIENT: Barry Snape	BUILDING TYPE: Deluxe	DRAWING NUMBER: ENG3/3-437182	
	BUILDING DIMENSION: 9700S x 2660E x 10000L	FOR BUILDING PERMIT STAGE	
SITE: 5 Anderson Street GUNNEDAH NSW 2380	TITLE: CONNECTION DETAILS	DRAWN: RDS / REV: A / SCALE: 1:20 A3 / PAGE: 5/11	



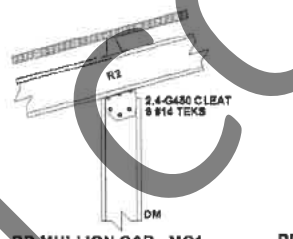
RD MULLION - DM1



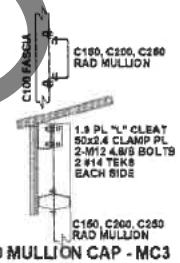
RD MULLION - DM2



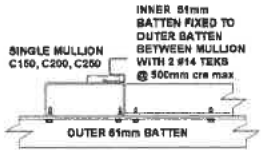
E/W COLUMN BASE - EB1



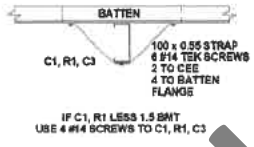
RD MULLION CAP - MC1



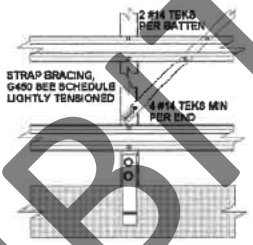
RD MULLION CAP - MC3



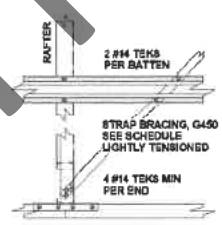
RD HEAD - RH1



LATERAL BRACE - LB1



STRAP BRACING - SB1



STRAP BRACING - SB2

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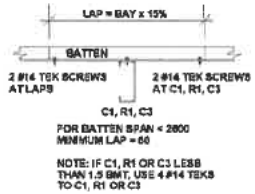
CLIENT	Barry Snape
SITE	5 Anderson Street GUNNEDAH NSW 2380
BUILDING TYPE	Deluxe
BUILDING DIMENSION	9700S x 2660E x 10000L
TITLE	CONNECTION DETAILS
DRAWING NUMBER	ENG3/4-437182
	FOR BUILDING PERMIT STAGE
DRAWN / REV / SCALE / PAGE	RDS / A / 1:20 / A3 / 6/11



FOR BATTEN SPAN < 2800
MINIMUM LAP = 60

NOTE: IF C1, R1 OR C3 LESS THAN 1.5 BMT, USE 4 #14 TEKS TO C1, R1 OR C3

BATTEN LAP - BL1

CORRUGATED PROFILE - CREST FIXED
(END SUPPORTS)
NON-CYCLONIC 0.42 BMT (MIN), #12-14x50 TEKS
(ALL SUPPORTS)
CYCLONIC 0.42 BMT (MIN), #14-10x50 TEKS

CORRUGATED PROFILE - PAN FIXED
(END SUPPORTS)
NON-CYCLONIC 0.35 BMT (MIN), #10-16x16 TEKS
(ALL SUPPORTS)
CYCLONIC 0.42 BMT (MIN), #14-10x25 TEKS

CORRUGATED PROFILE - CREST FIXED
(INTERNAL SUPPORTS)
NON-CYCLONIC 0.42 BMT (MIN), #12-14x50 TEKS

CORRUGATED PROFILE - PAN FIXED
(INTERNAL SUPPORTS)
NON-CYCLONIC 0.35 BMT (MIN), #10-16x16 TEKS

ROOF CLADDING
SHEAR DIAPHRAGM - RC2

WALL CLADDING
SHEAR DIAPHRAGM - WC2

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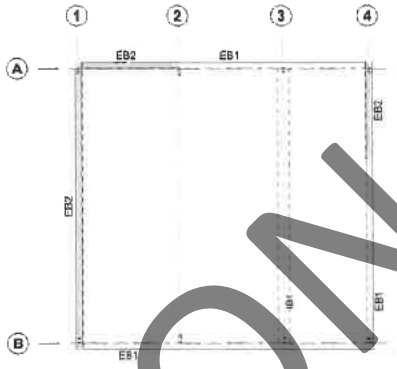
CLIENT: Barry Snape
SITE: 5 Anderson Street GUNNEDAH NSW 2380
BUILDING TYPE: Deluxe
BUILDING DIMENSION: 9700S x 2660E x 10000L
TITLE: CONNECTION DETAILS
DRAWING NUMBER: ENG3/5-437182
FOR BUILDING PERMIT STAGE
DRAWN: RDS | REV: A | SCALE: 1:20 A3 | PAGE: 7/11



RC SLAB

THIS GENERAL PURPOSE RC FLOOR DESIGN IS SUITABLE FOR STRUCTURES USED FOR DOMESTIC, FARM AND COMMERCIAL NON-HABITABLE BUILDINGS SUCH AS GARAGES, STORAGE SHEDS, BARNS, STABLES ETC. THE DESIGN IS NOT SUITABLE FOR STRUCTURES CONVERTED FOR USE AS A DWELLING.

ALL DIMENSIONS SHOULD BE CHECKED AND VERIFIED PRIOR TO COMMENCEMENT OF ANY WORKS.

IF SLIDING DOORS ARE INCLUDED ON THIS PROJECT, A STRIP FOOTING OR PAD FOOTINGS WILL BE NECESSARY, AND MUST BE SECURED IN CONJUNCTION WITH THIS GARAGE'S SLAB OR FOOTINGS.

SEE ERECTION INSTRUCTIONS FOR ADDITIONAL NOTES.

REFERENCE

SEE SLAB DETAIL DRAWING FOR:-

- SITE FOUNDATION CLASSIFICATION NOTES
- MINIMUM SITE PREPARATION NOTES
- CONCRETE SPECIFICATION NOTES
- CONCRETE REINFORCEMENT NOTES
- SLAB ON GRADE NOTES
- DETAIL S1/EB1 - SLAB EDGE TYPE 1
- DETAIL S1/EB2 - SLAB EDGE TYPE 2
- DETAIL S1/IB1 - INTERNAL BEAM TYPE 1
- DETAIL S1/A - SLAB CONTROL JOINT
- DETAIL S1/C - SLAB CONSTRUCTION JOINT

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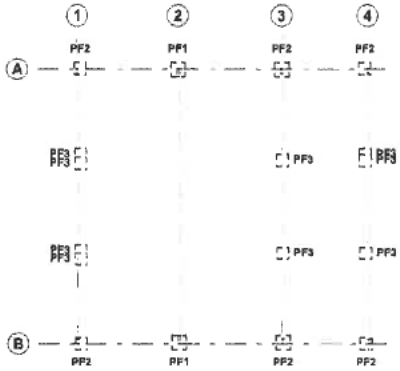
CLIENT: Barry Snape	BUILDING TYPE: Deluxe	DRAWING NUMBER: ENG4/1-437182	
	BUILDING DIMENSION: 9700S x 2660E x 10000L	FOR BUILDING PERMIT STAGE	
SITE: 5 Anderson Street GUNNEDAH NSW 2380	TITLE: RC SLAB PLAN	DRAWN: RDS / REV: A / SCALE: 1:40, 1:175 A3 / PAGE: 8/11	



ISOLATED PAD FOOTING LEGEND

	"W"x"W"x"D"
PF1	=600x600x600
PF2	=500x500x500
PF3	=400x400x400

ISOLATED PAD FOOTINGS

ISOLATED MASS CONCRETE FOOTINGS ARE ECONOMICALLY SUITED FOR SHEDS ON SANDY GROUND.

- THIS DESIGN MAY ALSO BE USED FOR CLAYEY SOIL OR WHERE ROCK IS ENCOUNTERED.
- ALL PAD FOOTINGS TO BE FOUNDED IN NATURAL GROUND WITH A SAFE BEARING CAPACITY OF 100 kPa AT DEPTH INDICATED.

THE DEPTH "D" MAY BE REDUCED TO A MINIMUM OF 400mm PROVIDED THAT "W" DIMENSIONS ARE ADJUSTED TO MAINTAIN THE SAME VOLUME OF CONCRETE.

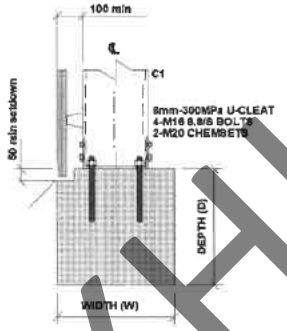
CAREFUL PLANNING SHOULD BE MADE WHEN DETERMINING PAD FOOTING SIZES. IF AN ANNEXE OR AWNING IS BEING CONSIDERED AS A FUTURE ADD-ON, INITIAL FOOTING TREATMENT MUST BE MADE. PLEASE CONTACT RANBUILD FOR THIS TREATMENT DETAIL. ALL DIMENSIONS SHOULD BE CHECKED AND VERIFIED PRIOR TO COMMENCEMENT OF ANY WORKS.

THIS DRAWING FOR ISOLATED PAD FOOTINGS IS INSUFFICIENT WHEN SLIDING DOORS ARE SPECIFIED. ADDITIONAL STRIP FOOTING UNDER SLIDING DOOR SHALL BE DESIGNED.

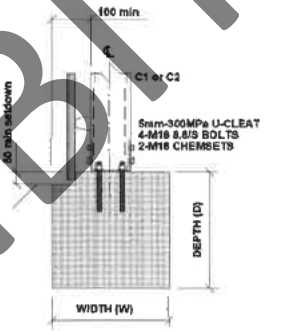
SEE ERECTION INSTRUCTIONS FOR ADDITIONAL NOTES.

REFERENCE

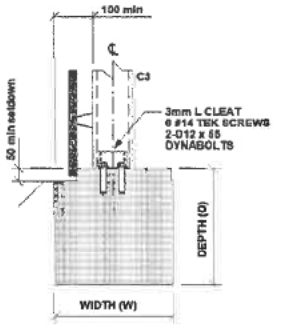
REFER TO THE FOLLOWING NOTES:-
- SITE FOUNDATION CLASSIFICATION NOTES
- MINIMUM SITE PREPARATION NOTES
- CONCRETE SPECIFICATION NOTES
- CONCRETE REINFORCEMENT NOTES



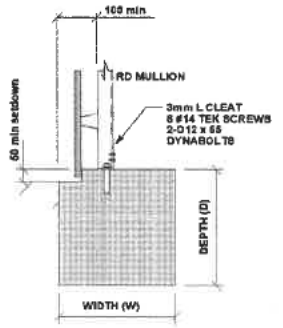
TYP DET PF1



TYP DET PF2



TYP DET PF3



TYP DET PF3 (RD mullion)

RANBUILD

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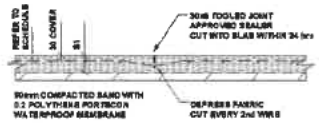
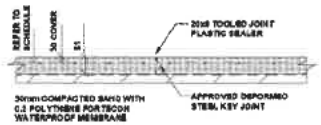
CLIENT	Barry Snape
SITE	5 Anderson Street GUNNEDAH NSW 2380
BUILDING TYPE	Deluxe
BUILDING DIMENSION	9700S x 2660E x 10000L
TITLE	ISOLATED PAD FOOTING DETAILS
DRAWING NUMBER	ENG5/1-437182
	FOR BUILDING PERMIT STAGE
DRAWN	RDS
REV	A
SCALE	1:40, 1:175 A3
PAGE	9/11



DET S1/A

CONTROL JOINT

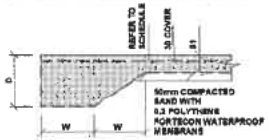
CONTROL JOINTS MUST BE SUPPLIED AT NOT GREATER THAN 4.5M OR CONCRETE POUR AT A RATIO OF NOT MORE THAN 1:1.2 IN ANY DIRECTION.



DET S1/C

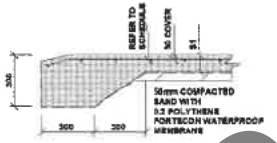
CONSTRUCTION JOINT

CONSTRUCTION JOINTS MUST BE SUPPLIED WHERE AN UNBROKEN RUN OF CONCRETE POUR EXCEEDS 30M IN ANY DIRECTION.



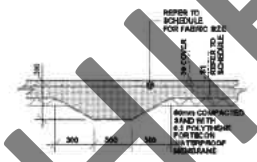
DET S1/EB1 FOR RC SLAB

NOT SUITABLE AT OPENINGS
SUBJECT TO VEHICLE TRAFFIC



DET S1/EB2

REQUIRED AT OPENINGS
SUBJECT TO VEHICLE TRAFFIC



DET S1/EB1

SITE FOUNDATION CLASSIFICATION

TWO COMMON FOUNDATION CONDITIONS & SITE CLASSIFICATIONS IN ACCORDANCE WITH AS2870 ARE USED FOR THE STANDARDISED FOOTING DESIGNS AS FOLLOWS:-

- STIFF CLAY CONFORMING TO AS2870 CLASS M.
  MINIMUM SAFE BEARING CAPACITY - 100 kPa.
  SHAFT ADHESION - 20 kPa
- DENSE SAND CONFORMING TO AS2870 CLASS A/B.
  MINIMUM SAFE BEARING CAPACITY - 100 kPa.
- A SITE SPECIFIC GEOTECHNICAL INVESTIGATION IS RECOMMENDED & IF CONDITIONS OTHER THAN ASSUMED ARE ENCOUNTERED A DIFFERENT FOOTING DESIGN MAY BE REQUIRED & SHOULD BE REFERED TO A QUALIFIED LOCAL ENGINEER.
- ALL FOOTINGS TO BE FOUNDED IN NATURAL GROUND.
- NO FOOTING TO BE FOUNDED ON FILL MATERIAL.
- REFERENCE SHOULD BE MADE TO CSIRO PUBLICATION 10/91 GUIDE TO HOME OWNERS ON FOUNDATION MAINTENANCE & FOOTING PERFORMANCE

MINIMUM SITE PREPARATION

- STRIP SITE OF ALL TOP SOIL & DISCARD TO SPOIL. THE EXPOSED SURFACE TO BE PROOF ROLLED & AREAS REMAINING SOFT OR SPONGY ARE TO BE EXCAVATED TO SPOIL.
- PLACE APPROVED GRANULAR FILL MATERIAL TO THE REQUIRED BUILDING PLATFORM LEVEL IN LAYERS NOT EXCEEDING 200mm AND COMPACT BY ROLLING WITH SUITABLE EQUIPMENT TO ACHIEVE A DRY DENSITY RATIO OF 98% STANDARD COMPACTION TO AS1289 - E1.1 AT OPTIMUM MOISTURE CONTENT. THE TOP 200mm TO BE COMPACTED TO 100% STANDARD DRY DENSITY.
- THE COMPACTION OF ALL FILL MATERIAL TO BE INSPECTED AND APPROVED BY A RESPONSIBLE GEOTECHNICAL CONSULTANT.

CONCRETE REINFORCEMENT

- REINFORCEMENT IS REPRESENTED DIAGRAMATICALLY & NOT NECESSARILY IN TRUE PROJECTION.
- REINFORCEMENT NOTATION:-
  - N DENOTES HOT ROLLED DEFORMED BAR.
  - SL DENOTES HARD DRAWN WELDED WIRE FABRIC. THE NUMBER IMMEDIATELY FOLLOWING BAR NOTATION IS THE NOMINAL DIAMETER IN mm.
- PROVIDE BAR SUPPORTS OR SPACERS TO GIVE THE FOLLOWING COVER TO ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

FOOTINGS	60 BOTTOM, 50 TOP & SIDES
SLABS	20 BOTTOM, 20 TOP
BEAMS	40 BOTTOM & SIDES TO STIRRUPS, TOP COVER AS DETAILED

- PROVIDE 2N12 DIAGONAL CORNER BARS 600 LONG AT ALL RE-ENTRANT CORNERS OF OPENINGS IN SLABS AND THESE BARS TO BE POSITIONED 30mm FROM THE CORNER.

CONCRETE SPECIFICATION

- CARRY OUT ALL WORK IN ACCORDANCE WITH THE CURRENT ISSUE OF AS3600 & THE SPECIFICATION.
- CONCRETE SIZES SHOWN DO NOT INCLUDE FINISH & MUST NOT BE REDUCED OR HOLED IN ANY WAY WITHOUT THE ENGINEERS APPROVAL. DEPTH OF BEAMS INCLUDE SLAB THICKNESS.
- SLABS & BEAMS ARE TO BE POURED TOGETHER.
- CONSOLIDATE BY VIBRATION.
- SLAB CONCRETE TO BE AS SHOWN IN SLABS ON GRADE CRITERIA.
- BORED PIER CONCRETE SHALL HAVE F'c = 20 MPa, MAXIMUM AGGREGATE SIZE = 20 mm, SLUMP = 100 mm, EXCEPT FOR BCA CLASSES 2 TO 9 BUILDINGS CONCRETE SHALL HAVE F'c = 32MPa.

SLABS ON GRADE

- SLABS TO BE PLACED OVER 25 CONSOLIDATED SAND OVER PREPARED SUBGRADE.
- PROVIDE 0.2 POLYTHENE FORTICON WATERPROOF MEMBRANE UNDER ALL SLABS WITH LAPPED & TAPED JOINTS.
- PLACE PUMP MIX CONCRETE AS SPECIFIED BELOW TO ACCURATE LEVELS AS PER ARCHITECTS SPECIFICATION.
- PROVIDE CONTROL JOINTS AS INDICATED BY NEATLY SAW CUTTING 40 x 6 GROOVES WITHIN 12 HOURS OF THE FINAL FLOAT OF THE CONCRETE.
- CURE SLAB FOR 7 DAYS AFTER PLACEMENT BY MAINTAINING A CONTINUOUSLY WET SURFACE BY APPROVED METHODS. FLOODING & COVERING WITH POLYTHENE IMMEDIATLY AFTER FINISHING IS AN APPROVED METHOD.
- SEALING OF JOINTS TO BE CARRIED OUT ONE MONTH MINIMUM AFTER CURING IS COMPLETE.
- PROVIDE PROPER STORMWATER DRAINAGE AWAY FROM THE BUILDING.

SLAB ON GRADE CRITERIA	
CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS (MPa)	20
FLEXURAL STRENGHT AT 28 DAYS (MPa)	5
SLUMP (mm)	100
AGGREGATE MAXIMUM SIZE (MM)	20
CEMENT TYPE	GL
CEMENT CONTENT (kg/cubic metre) MIN	320
FLY ASH CONTENT (kg/cubic metre) MAX	70
WATER / CEMENT RATIO (MAX)	0.45
MICROSTRAIN AT 56 DAYS	800
FLOOR FINISH - BURNISHED STEEL TROWEL	NON SLIP
FLOOR TOLERANCE	CLASS S

- FOR OTHER LOAD CONDITIONS A DESIGN VARIATION IS REQUIRED & SHOULD BE REFERED TO A QUALIFIED LOCAL ENGINEER.

DIMENSION SCHEDULE

D	300
W	300
S1	100RC SLAB
FABRIC	SL92T mesh

RANBUILD

ACCREDITED PRACTITIONER
Alexander Filonov
MIEAust, CPEng, NPER
Level 1, 12 Beaumont St Hamilton NSW 2303
+61 2 4962 4311
15/05/2025

CLIENT
Barry Snape

SITE
5 Anderson Street
GUNNEDAH NSW 2380

BUILDING TYPE
Deluxe

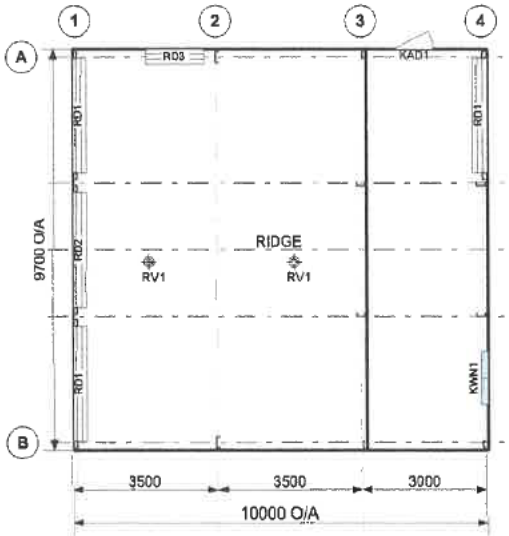
BUILDING DIMENSION
9700S x 2660E x 10000L

TITLE
RC SLAB DETAILS, CONCRETE SPECIFICATION, SITE NOTES

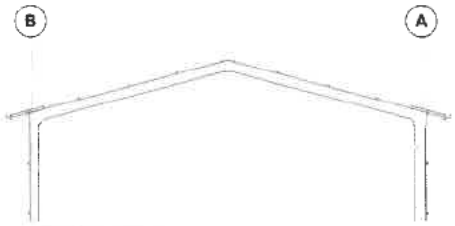
DRAWING NUMBER
ENG6/1-437182

FOR BUILDING PERMIT STAGE

DRAWN	REV	SCALE	PAGE
RDS	A	1:40 A3	10/11



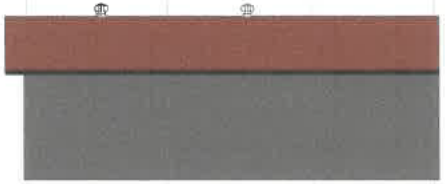
FRAME ROOF PLAN



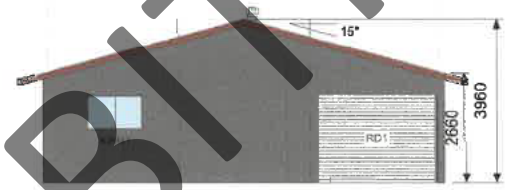
SECTION GRID 2

SECTION GRID 3

IMPORTANT: IT WAS ACCEPTED TO PLACE BRACING OVER WINDOWS.



ELEVATION GRID B



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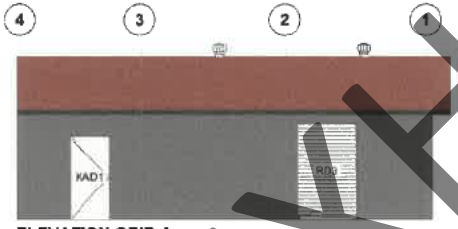

ELEVATION GRID A

ELEVATION GRID 1

RANBUILD

CLADDING

ITEM	PROFILE (min)	FINISH	COLOUR
ROOF	CUSTOM ORB 0.42 BMT	CB	MD
WALLS	CUSTOM ORB 0.42 BMT	CB	WG
CORNERS	-	CB	WG
BARGE	-	CB	MD
GUTTER	HI-QUAD	CB	NS
DOWNPIPE	100x50	CB	WG

0.35bmt=0.40tct; 0.42bmt=0.47tct; 0.48bmt=0.53tct

ACCESSORY SCHEDULE & LEGEND

QTY	MARK	DESCRIPTION
3	RD1	B&D, Flmsdoor, R.D, Residential "R1F", 2060 high x 2600 wide Clear Opening C/B
1	RD2	B&D, Flmsdoor, R.D, Residential "R1F", 2425 high x 2800 wide Clear Opening C/B
1	KAD1	Premium (TA650DO) Access Door Kit, C/B (D). (Not Available in WA)
1	KWN1	AMI - Reg A & B, 780x1274 CLR + FG Fly Screen, Window Kit (BOSP)
1	RD3	B&D, Flmsdoor, R.D, Residential "R1F", 2260 high x 1400 wide Clear Opening C/B
2	RV1	Rotary vent, 300 DIA Throat

ARCHITECTURAL DRAWING ONLY, FOR BUILDING PERMIT STAGE

CLIENT
Barry Snape

SITE
5 Anderson Street
GUNNEDAH NSW 2380

BUILDING
DELUXE
9700 SPAN x 2660 EAVE x 10000 LONG

ACCREDITED PRACTITIONER
Alexander Filonov
Level 1, 12 Beaumont St Hamilton NSW 2303
+61 2 4962 4311
15/05/2025

TITLE
GENERAL ARRANGEMENT

SCALE	DRAWING NUMBER	REV	PAGE
A3 SHEET 1:125	437182-GA	A	11/11

RANBUILD Bill of Materials

Quote No. 1668-011984.00 Job No.437182

Client	Site	Type	Span
Barry Snape	5 Anderson Street	Deluxe	9700
[redacted]	GUNNEDAH	Garage	Eaves 2660
	NSW 2380	Model	Length 10000
		Wind	

Qty	Description	Measure	Mark	Colour
28	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	5530mm	SS1	MD
1	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	1500mm	SS10	WG
2	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	1390mm	SS11	WG
1	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	1350mm	SS12	WG
3	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	1140mm	SS13	WG
3	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	940mm	SS14	WG
3	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	730mm	SS15	WG
1	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	500mm	SS16	WG
2	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	4030mm	SS2	WG
4	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	3920mm	SS3	WG
6	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	3720mm	SS4	WG
5	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	3520mm	SS5	WG
3	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	3310mm	SS6	WG
3	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	3110mm	SS7	WG
3	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	2900mm	SS8	WG
26	Sheeting, 0.47tct Corrugated Profile, C/B (SGCOR/AACB)	2690mm	SS9	WG
3	Flashing, Ridge C/B (SGRC/CB)	3570mm	RF1	MD
4	Flashing - Barge - C/Orb - C/B (FLFLR/TRCB)	5690mm	BF1	MD
3	Flashing, Corner Mullion, Setback, Corrugated, C/B (FLFLR/ELCB)	2740mm	CF1	WG
1	Flashing, Corner C/B (FLFLR/BTCB)	2690mm	CF2	WG
4	Flashing - RAD Head (TS61 or TS64) Box Head Beam C/B	2900mm	DT1	NS
1	Flashing - RAD Head (TS61 or TS64) Box Head Beam C/B	1500mm	DT2	NS
2	Flashing, Access door 61mm Batten Custom Orb Clad (FLFLR/KUCB)	2200mm	DT3	NS
4	Flashing, R. A. Door Head, Setback, suit Corrugated, C/B (FLFLR/EJCB)	2950mm	DT4	NS
1	Flashing, R. A. Door Head, Setback, suit Corrugated, C/B (FLFLR/EJCB)	1550mm	DT5	NS
2	Flashing, R.A. Door Mullion, Set Back, C/B (FLFLR/CXCB C/B)	2530mm	DT6	NS
2	Flashing, R.A. Door Mullion, Set Back, C/B (FLFLR/CXCB C/B)	2365mm	DT7	NS
3	Flashing, R.A. Door Mullion, Set Back, C/B (FLFLR/CXCB C/B)	2165mm	DT8	NS
1	Flashing, Access Door Head C/B (SGAHF C/B)	880mm	DT9	NS
2	Flashing, Partition Cap C/B (SGPF/CB)	5080mm	MF1	WG
2	Flashing, Partition Cap, Low Profile & Corry C/B (FLFLR/ERCB)	3350mm	PLC	WG
2	Flashing, Partition Cap, Low Profile & Corry C/B (FLFLR/ERCB)	3260mm	PLC	WG
2	Flashing, Partition Cap, Low Profile & Corry C/B (FLFLR/ERCB)	2760mm	PLC	WG
4	Flashing, Partition Cap, Low Profile & Corry C/B (FLFLR/ERCB)	2610mm	PLC	WG
4	Gutter, Hi-Front Quad Slotted, 115 x 90 x 65, C/B (RWGUT/BDCB)	5318mm	G1	NS
1	Downpipe, 100mm x 50mm C/B (DP10050CB)	2400mm	DP1	WG
9	Downpipe, 100mm x 50mm C/B (DP10050CB)	1800mm	DP2	WG
22	Gutter, Hi-Front Quad Int. Bracket, 115 Z/Lume (RWGUT/AWZL)		RWF1	
2	Gutter, Hi-Front Quad, Stop End L.H 115 C/B (RWGUT/BACB)		RWF2	NS
2	Gutter, Hi-Front Quad, Stop End R.H C/B (RWGUT/AYCB)		RWF3	NS
6	Downpipe, Nozzle/Pop, 100mm x 50mm Z/L (NOZ10050ZL)		RWF4	
16	Downpipe Strap, 100mm x 75mm C/B (AST10075CB)		RWF5	WG

This building should be constructed in accordance with the Ranbuild Assembly Guide.
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RANBUILD Bill of Materials

Quote No. 1668-011984.00 Job No.437182

Client	Site	Type	Span
Barry Snape	5 Anderson Street	Deluxe	9700
[redacted]	GUNNEDAH	Garage	Eaves 2660
	NSW 2380	Model	Length 10000
		Wind	

Qty	Description	Measure	Mark	Colour
8	C15012N/523	523mm	CS1	
6	C15024/795-1C35-2C185-3C255-4F305-5F355-6W760	795mm	CS10	
2	C25019/4700-1X35-2X185-3X4515-4X4665	4700mm	CS11	
2	C25019/2423-1F35-2F85-3X2238-4X2388	2423mm	CS12	
6	C15012/2499-1F35-2F85-3X2314-4X2464	2499mm	CS13	
6	C15010/4804-1X35-2X185-3X4619-4X4769	4804mm	CS14	
2	C10010/3950-1W505-2W3915	3950mm	CS15	
2	C10010/3500-1W35-2W3465	3500mm	CS16	
2	C10010/3345-1W35-2W3310	3345mm	CS17	
2	C10010/3255-1W35-2W3220	3255mm	CS18	
2	C10010/3016-1W35-2W2945	3016mm	CS19	
2	C15012N/415	415mm	CS2	
2	C10010/2755-1W35-2W2720	2755mm	CS20	
1	C15010N/3329	3329mm	CS3	
1	C15010N/3325	3325mm	CS4	
3	C15010N/3250	3250mm	CS5	
2	C15010N/2660	2660mm	CS6	
2	C10015N/5400	5400mm	CS7	
4	C20015N/3302	3302mm	CS8	
2	C15024/874-1C35-2C185-3C333-4F383-5F433-6W839	874mm	CS9	
1	Z15012N/3329	3329mm	ZS1	
1	Z15012N/3325	3325mm	ZS2	
3	Z15012N/3250	3250mm	ZS3	
12	Batten section, Topspan/6175x450 long.		TS1	
2	Batten section, TopSpan/6175 (FGTPN/AJGV)	3760mm	TS10	
1	Batten section, TopSpan/6175 (FGTPN/AJGV)	3680mm	TS11	
3	Batten section, TopSpan/6175 (FGTPN/AJGV)	3650mm	TS12	
3	Batten section, TopSpan/6175 (FGTPN/AJGV)	3610mm	TS13	
1	Batten section, TopSpan/6175 (FGTPN/AJGV)	3560mm	TS14	
9	Batten section, TopSpan/6175 (FGTPN/AJGV)	3450mm	TS15	
1	Batten section, TopSpan/6175 (FGTPN/AJGV)	3390mm	TS16	
1	Batten section, TopSpan/6175 (FGTPN/AJGV)	3380mm	TS17	
1	Batten section, TopSpan/6175 (FGTPN/AJGV)	3250mm	TS18	
12	Batten section, TopSpan/6175 (FGTPN/AJGV)	3220mm	TS19	
8	Batten section, TopSpan/6110 (FGTPN/AGGV)	4190mm	TS2	
1	Batten section, TopSpan/6175 (FGTPN/AJGV)	3100mm	TS20	
4	Batten section, TopSpan/6175 (FGTPN/AJGV)	2800mm	TS21	
2	Batten section, TopSpan/6110 (FGTPN/AGGV)	3000mm	TS3	
2	Batten section, TopSpan/6160 (FGTPN/AHGV)	1800mm	TS4	
1	Batten section, TopSpan/6160 (FGTPN/AHGV)	1400mm	TS5	
1	Batten section, TopSpan/6160 (FGTPN/AHGV)	1070mm	TS6	
1	Batten section, TopSpan/6175 (FGTPN/AJGV)	4200mm	TS7	

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RANBUILD Bill of Materials

Quote No. 1668-011984.00 Job No.437182

Client	Site	Type	Span
Barry Snape [redacted]	5 Anderson Street GUNNEDAH NSW 2380	Deluxe Garage	9700
		Model	**Eaves** 2660
		Wind	**Length** 10000

Qty	Description	Measure	Mark	Colour
2	Batten section, TopSpan/6175 (FGTPN/AJGV)	4060mm	TS8	
10	Batten section, TopSpan/6175 (FGTPN/AJGV)	4020mm	TS9	
12	Raking Angle, 30 x 30 x 1.0 Galv. (FGFAB/ACGV)	2970mm	RA1	
2	Access Door Mullion, Suit 61mm TS , 27mm Thick Door Leaf (ADM_61_30)	2625mm	MS1	
60	Tek Screw, 8-18x12 Button Head, Class 3 (TEK15)		TEK15	
15	Tek Screw, 10-16x22 Wafer Hd. Class 3 (TEK2)		TEK2	
282	Tek Screw, 14-20x22 Hex (No Neo) Class 4 (TEK20)		TEK20	
20	Tek Screw, Vortex Fiber Bugle Head CL3 M5 - 14 x 20 (TEK2A)		TEK2A	
76	Tek Screw, 12-14x20 Hex (No Neo) Class 4 (TEK5)		TEK5	
949	Tek Screw, 14-10x25 Hex (No Neo) Class 4 (TEK7)		TEK7	
31	Tek Screw, coloured, 10-16x16 Hx SDS C4 Neo. (TEK1/CB)		CB/TEK1	MD
1223	Tek Screw, coloured, 10-16x16 Hx SDS C4 Neo. (TEK1/CB)		CB/TEK1	WG
166	Tek Screw, coloured, 8-18x12 Button Head, SDS C3 (TEK15/CB)		CB/TEK15	NS
59	Tek Screw, coloured, 8-18x12 Button Head, SDS C3 (TEK15/CB)		CB/TEK15	WG
773	Tek Screw - Coloured - 12-14x35 Hex & Neo SDM Top Grip B8 (TEK23 C/B)		CB/TEK23	MD
53	Bolt, Nut & Washer Set, M12 x 30 Hex. HD.Z/P (HEX1)		HEX1	
49	Bolt, Nut & Washer Set, M12 x 30 'Flat' Hex. HD ZP (HEX2)		HEX2	
21	Bolt, & Nut Hex. M10 x 20mm Z/P (HEX3)		HEX3	
79	Bolt, Hex.HD & Nut H/T M12 x 30 Z/P Grd. 8.8 (HT5)		HT5	
59	Bolt, Hex.HD & Nut H/T M16 x 40 Z/P GRD 8.8 (HT6)		HT6	
41	Washer, Round Z/P 4.6 M10 (W10)		W10	
158	Washer, Round GAL 8.8 M12 (W12/8.8)		W12/8.8	
118	Washer, Round GAL 8.8 M16 (W16/8.8)		W16/8.8	
41	Washer, Round Z/P 4.6 M8 (W8)		W8	
12	Ramset, CHEM16, Chemical Capsule 16mm (CHEMCAP16)		CHEMCAP16	
4	Ramset, CHEM20, Chemical Capsule 20mm (CHEMCAP20)		CHEMCAP20	
12	Ramset - M16190 - Chemset Stud Bolt 16mm - GALV (CHEMSTUD16 GV)		CHEMST16GV	
4	Ramset - M20260 - Chemset Stud Bolt 20mm - Galv (CHEMST20GV)		CHEMST20GV	
32	Dynabolt - M12 x 55mm (D12055/GLV) Galvanised		D12055/GLV	
2	Dynabolt - M8 x 40mm (D8042/GLV) Galvanised		D8042/GLV	
12	Rivet, AL/ST Rivet 4 - 3 (RIVET C/B)		RIVET C/B	MD
36	Rivet, AL/ST Rivet 4 - 3 (RIVET C/B)		RIVET C/B	NS
372	Rivet, AL/ST Rivet 4 - 3 (RIVET C/B)		RIVET C/B	WG
8	Rivet, AL/ST Rivet 4 - 3 (RIVET Z/L)		RIVET Z/L	
3	Cleat, C150 Apex 15° (DA15_15_19)		DA15_15_19	
1	Cleat, C250 Apex 15° (DA25_15_19) 1.9 BMT		DA25_15_19	
1	Cleat, Apex - 100 x 15° (NA10/5/15)		NA10/5/15	
3	Cleat, C150 Knee 15° (DK15_15_19) 1.9BMT		DK15_15_19	
2	Cleat, C250 Knee 15° (DK25_15_24) 2.4 BMT		DK25_15_24	
3	Cleat, C150 Knee (At R.A.D) (SGK15D)		SGK15D	
12	Cleat, C150 Mullion Base, (MBC150)		MBC150	
4	Cleat, C200 Mullion Base, (MBC200)		MBC200	

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RANBUILD Bill of Materials

Quote No. 1668-011984.00 Job No.437182

Client	Site	Type	Span
Barry Snape	5 Anderson Street	Deluxe	9700
[redacted]	GUNNEDAH	Garage	Eaves 2660
	NSW 2380	Model	Length 10000
		Wind	

Qty	Description	Measure	Mark	Colour
2	Cleat, Premium A.D. Mullion Base (SGBAP)		SGBAP	
6	Cleat, C150 Chemset Base (M16 Chemsets) (SGRB15)		SGRB15	
2	Cleat, Alternate C250 Base (M20 Chemsets) (SGRB25)		SGRB25	
5	Cleat, Mullion Cap to Rafter (BCMR)		BCMR	
9	Cleat, End Wall Column Cap, (JEC35)		JEC35	
4	Cleat, Mullion Cap, Access Door (NADC)		NADC	
12	Cleat, Strap Tensioner (BST)		BST	
12	Cleat, Washer, 50mm Square w/18mm dia. hole (CL14X)		CL14X	
4	Cleat - Washer - suit C200/250/300 (SGRB20/25/30) (CL14Y)		CL14Y	
6	Cleat, Inner Fascia, suit TopSpan 61, C100 Fascia 15° (FICL15L)		FICL15L	
6	Cleat, Inner Fascia, suit TopSpan 61, C100 Fascia 15° (FICL15R)		FICL15R	
4	Cleat, Handy (HCL)		HCL	
8	Cleat, Fascia Outer 15° to suit TopSpan 61, C100 Fasca (LFOC_15)		LFOC_15	
2	Cleat, Fascia RAD mullion suit C100 (NCC10L)		NCC10L	
4	Cleat, Fascia RAD Mullion, C100 Fascia (NCC10S)		NCC10S	
6	Cleat, C100 Clamp Plate (NCP10)		NCP10	
10	Cleat, R.A. Door Head (NH10/5)		NH10/5	
2	Bracing, Strap, 35x1.6mm Gal (STRAP/3516)	15676mm	SB1	
1	Bracing, Strap, 30x0.8mm Gal (STRAP/3008)	8792mm	SB2	
1	Bracing, Strap, 30x0.8mm Gal (STRAP/3008)	8019mm	SB3	
6	Strap, Fly Brace - C250 section, 850 lng (BGFB25)		BGFB25	
8	Strap, Fly Brace - C200, 680mm lng. (SGFB20)		SGFB20	
1	B&D, Firmadoor, R.D, Residential "R1F", 2500 high x 1450 curt. width C/B		RD1	DW
3	B&D, Firmadoor, R.D, Residential "R1F", 2200 high x 2850 curt. width C/B		RD2	DW
1	B&D, Firmadoor, R.D, Residential "R1F", 2500 high x 2850 curt. width C/B		RD3	DW
1	Larnec - Door Leaf only - TA650DO - 2040x820x27 C/B		AD1	DW
1	AMI - FG Fly Screen to suit 790x1274 window		WW1	WG
1	AMI - Window, 790x1274, CLR Glass, (A-XX0812ASW4CF1230W3XO) N3		WW2	WG
2	Ventilator, Rotary Roof "W300" C/B (MPVET/ABCB)		RV1	MD
5	Air-cell, Insulshed 30m2 Roll		INS1	
1	Lockset, T100 ST SCV , Lever Handle, S/S (100STPBV)		100STPBV	
1	Cabin Hook Set, 100mm, ZP Archur G14100CPP (CABHOOK)		CABHOOK	
2	Hinge, 100mm Butt Fixed Pin, Z/P (HINGE/GAR)		HINGE/GAR	
1	Sealant, Gutter, Silicone, cartridge, Grey (SEALER)		SEALER	
5	B&D-Firmadoor, R.D, Wrapping, Soft Cardboard		WR1	
1	CONSOLIDATED SHED KIT(auto)		CMS1	
1	Deluxe Garage		EBD	

This building should be constructed in accordance with the Ranbuild Assembly Guide.
The assembly guide can be downloaded from http://www.rbonline.net.au/Customers
If you have problems downloading the assembly guide, please contact your Ranbuild Dealer.

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