

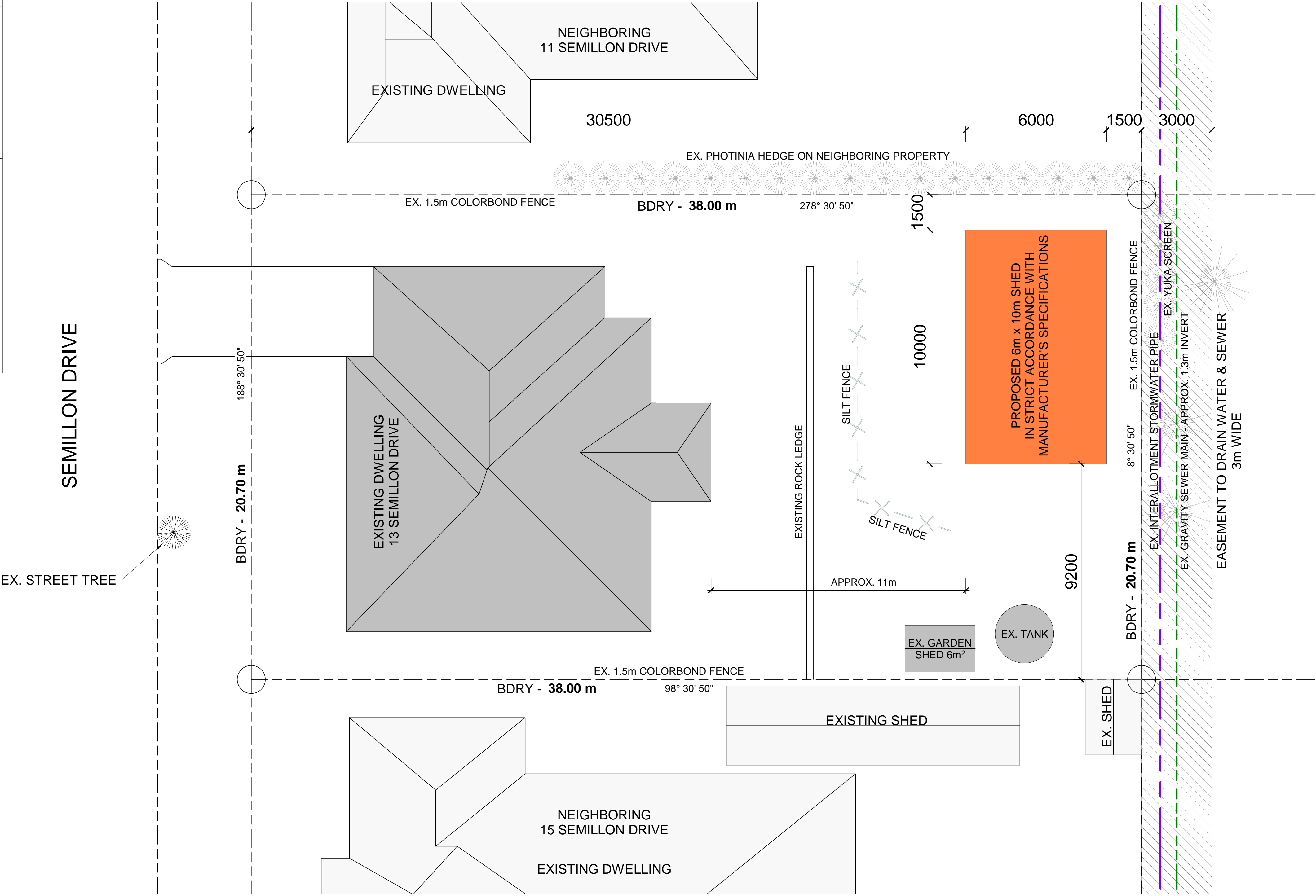
SITE DETAILS		ADDITIONAL INFORMATION
ADDRESS:	13 SEMILLON DRIVE, NORTH TAMWORTH NSW 2340	1. All paths of travel both during and after construction are to remain free of obstructions.
LOT / DP:	LOT 98 / DP1170614	2. All access to the site during construction is to remain limited to authorised personnel who are to be made aware of this report.
LGA	TAMWORTH REGIONAL COUNCIL	3. Future demolished to adhere to The Code of Practice for demolition work.
SITE AREA:	786.6m ²	4. Adequate ventilation is to be allowed for both during and after construction to prevent injury due to heat and/or air born contaminants.
LEP - ZONING:	R1 - GENERAL RESIDENTIAL	5. All components of the construction are comply with NCCA and all relevant Australian Standards and any additional future work is to be designed and carried out with reference to these.
DEVELOPMENT TYPE:	PROPOSED SHED 6m x 10m	6. Positioning of noisy plant equipment both during and after construction must be carried out to prevent nuisance and/or injury to neighboring properties.
WIND CLASSIFICATION:	N2 SITE CLASSIFICATION TO AS 4055-2006	7. The Project Manager, Construction Manager, Builder and anyone In charge of the site/building both during and after construction must implement all safety requirements in compliance with this report, the NCCA and all relevant standards unless otherwise negotiated with the designer in writing. Any actions not in compliance become the responsibility of the person/persons who carried them out.
CLIMATE ZONE:	4 (WWW.ABCB.GOV.AU MAP)	8. All products selected by the owner and not approved in writing by the designer are the responsibility of the owner.
BAL LEVEL:	NOT IDENTIFIED AS BUSHFIRE PRONE	
SOIL CLASSIFICATION:	AS PER STRUC. ENGINEERS DETAILS	
EX. FLOOR AREA:	EX. FLOOR AREA: - 180m ² (approx.)	
- DWELLINGS	- 6m ² Garden Shed	
- OUT BUILDINGS		
PROPOSED SHED FLOOR AREA:	60m ²	

TAMWORTH REGIONAL COUNCIL DCP 2010 (AMENDMENT 17) REQUIREMENTS:			PROPOSAL
SETBACKS ZONE R1	STREET SETBACK - 4.5m SIDE/REAR SETBACK - BCA (900mm)	STREET SETBACK = 30.5m - COMPLIANT REAR SETBACK = 1.5m - COMPLIANT SIDE SETBACK = 1.5m - COMPLIANT	
SITE COVERAGE ZONE R1	CUMULATIVE COVERAGE - 75%	SITE AREA = 786.6m ² EX. HOUSE = 180m ² EX. GARDEN SHED = 6m ² SHED AREA = 60m ² 246/786.6 x 100 = 31.4% COVERAGE COMPLIANT	
FLOOR AREA ZONE R1 (<2000m ²)	MAXIMUM - 70m ² CUMULATIVE OUTBUILDINGS = 100m ²	SHED AREA = 60m ² - COMPLIANT SHED AREA + GARDEN SHED = 66m ² - COMPLIANT	
EAVE HEIGHT ZONE R1	MAXIMUM - 3.4m	EAVE HEIGHT = 3.6m - SEEKING VARIATION	
RIDGE HEIGHT ZONE R1	MAXIMUM - 3.8m	RIDGE HEIGHT = 4.183m - SEEKING VARIATION	
VARIATIONS:			
1. EAVE HEIGHT - SEEKING TO VARY THE EAVE HEIGHT FROM THE DCP REQUIRED 3.4m MAXIMUM. - THE PROPOSED 3.6m EAVE HEIGHT WOULD BE APPROXIMATELY A 5.88% INCREASE OVER THE DCP ALLOWED 3.4m. THE PROPOSED INCREASE IN EAVE HEIGHT IS TO FACILITATE 3m HIGH ROLLER DOORS. THE PROPOSED LOCATION OF THE SHED & THIS MINOR INCREASE IN HEIGHT WILL HAVE MINIMAL TO NO IMPACT ON THE ADJOINING PROPERTIES.			
2. RIDGE HEIGHT - SEEKING TO VARY THE RIDGE HEIGHT FROM THE DCP REQUIRED 3.8m MAXIMUM. - THE PROPOSED SHED HAS AN EAVE HEIGHT OF 3.6m AND HAS A ROOF PITCH OF 11 DEGREES. THE SHED ENGINEERS REQUIRE THE ROOF PITCH TO BE A MINIMUM 11 DEGREES WHICH THEREFORE CREATES A RIDGE OF 4.183m. - THE PROPOSED 4.183m RIDGE HEIGHT WOULD BE APPROXIMATELY A 10% INCREASE OVER THE DCP ALLOWED 4.4m. WITH THE PROPOSED LOCATION OF THE SHED AND IN COMPARISON TO EXISTING SHEDS ON THE NEIGHBORING PROPERTIES, THIS MINOR INCREASE IN HEIGHT WILL HAVE MINIMAL TO NO IMPACT ON THE ADJOINING PROPERTIES.			

WASTE MANAGEMENT NOTES
GENERAL WASTE ALL GENERAL WASTE TO BE STORED IN A SECURE BIN AREA ON SITE . WASTE TO COVERED AND SECURED AS NOT TO ALLOW WASTE TO BLOW OUT OF BIN AND STOP ANIMALS SCAVAGING WASTE BIN TO BE BEHIND SECURE FENCE OR TEMPORARY CONSTRUCTION FENCE. BIN TO BE LOCATED IN EASILY ACCESSIBLE LOCATION FOR WASTE COLLECTION TRUCK OR CONTRACTOR TO ACCESS
RECYCABLE WASTE ALL RECYCLABLE REUSEABLE MATERIALS INLCUDING - EXCESS STEEL LENGTHS - CLADDING SHEETS - FLASHINGS - WINDOWS AND DOORS - ROOF SHEETS - FITTINGS AND HARDWARE - FIXINGS - TO BE DISPOSED OF TO LOCAL RECYCLING FACILITY OR TAKEN BY BUILDER TO BE REUSED ON OTHER PROJECTS OR STORED AT THE BUILDERS WORKSHOP FOR FUTURE USE - ADDITIONAL RECYCABLE OR REUSEABLE WASTE TO BE STORED ON SITE IF OWNER/ BUILDER AGREE TO THE MATTER OR DIPOSED OF TO LOCAL RECYLING FACILITY.
STOCK PILES - ALL STOCKPILES TO BE LOCATED SECURELY BEHIND THE BUILDING LINE OR SITE FENCING. - ALL LOOSE STOCKPILES TO BE SECURELY COVERED IF REQUIRED TO PREVENT DUST AND MATERIAL LEAVING SITE - STOCKPILES TO BE LOCATED IN ACCESSIBLE LOCATION FOR EASE OF DELIVERY AND COLLECTION
HAZARDARDOUS WASTE - ALL HAZARDARDOUS MATERIAL TO BE REMOVED FROM SITE BY A FULLY QUALIFIED PERSON/COMPANY ACCORDING TO ALL RELEVANT AUSTRALIAN STANDARDS, BCA REQUIREMENTS AND LOCAL AUTHORITY REQUIREMENTS. - HAZARDARDOUS WASTE TO BE REMOVED ACCORDING TO ANY RELEVANT HAZARDARDOUS WASTE REPORT. - IF ANY UNKNOWN HAZARDARDOUS WASTE IS FOUND ON SITE ALL WORK MUST STOP IMMEDIATELY AND BUILDERS SERVICES NOTIFIED - AWAIT INSTRUCTION.
ONSITE TOILET - AN ONSITE TOILET IS TO BE PROVIDED. TOILET LOCATED IN A SECURE LOCATION BEHIND THE BUILDING LINE - TOILET TO BE MAINTAINED IN HYGENIC MANNER BY ALL PERSONS USING IT ADVISE BUILDER OF ANY ISSUES
FENCING - SECURE SITE FENCING TO BE PROVIDED ON SITE AND MAINTAINED IN A SAFE AND SECURE MANNER. - ALL RELEVANT SAFETY SIGNAGE TO BE PLACED ON FENCE AT ENTRY - SITE TO BE FULLY SECURE ON ALL SIDES - ALL RELEVANT CONTACT NUMBERS AND APPROVALS TO BE LOCATED ON FRONT OF SITE FENCING - LOCKABLE AND SECURE ENTRY GATE TO BE PROVIDED ON SITE

SEDIMENT & EROSION CONTROL NOTES
1. Site works are not to start until the erosion and sediment control measures are installed and functional.
2. The entry/exit of vehicles from the site will be confined to one stabilised point. Sediment or barrier fencing will be used to restrict all vehicular movements to that point. Stabilisation is to be achieved by either: • constructing a sealed (e.g. concrete or asphalt) driveway to the street • constructing a stabilised site access following standard drawing SD 6-14 or other suitable technique approved by the council.
3. Topsoil is to be stripped and stockpiled for later use inlandscaping the site. Topsoil is to be respread and all disturbed areas rehabilitated (turfed).
4. Excavated material stored onsite shall be placed up-slope of sediment fence. Install a sediment fence on the downslope side of the material.
5. Bins are to be provided within the development site (NOT on footpath or roadway) For building waste and arrangements are to be made for regular collection and disposal.
6. All surface water to fall away from building in all directions in accordance with requirements of AS2870
7. Roof guttering is to be connected to the stormwater system as soon as practicable.
8. All erosion controls are to be checked daily (at a minimum weekly) and after all rain events to ensure they are maintained in fully functional condition.
9. All sediment retaining structures to be cleaned upon reaching 50% CAPACITY.

SEDIMENT & EROSION LEGEND	
	GEOTEXTILE INLET FILTER REFER SEDIMENT AND EROSION CONTROL DETAILS
	STRAW BALE FILTER REFER SEDIMENT AND EROSION CONTROL DETAILS
	SEDIMENT FENCE REFER SEDIMENT AND EROSION CONTROL DETAILS
	STABILISED SITE ACCESS REFER SEDIMENT AND EROSION CONTROL DETAILS
	STOCKPILES REFER SEDIMENT AND EROSION CONTROL DETAILS



SITE PLAN

1 : 100

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NOTE: Figured dimensions to take precedence over scaled measurements.
All on site dimensions & levels are to be verified prior to the commencement of any construction. Contractors to notify the authority of any discrepancy.



CLIENT
MR. H. BARNES

PROJECT NAME
PROPOSED NEW SHED

LOCATION
13 SEMILLON DRIVE, NORTH TAMWORTH
NSW 2340

TITLE:

SITE PLAN

DATE 20/05/2025

DRAWN JB

DESIGNED JB

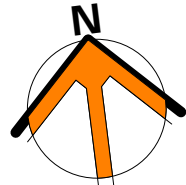
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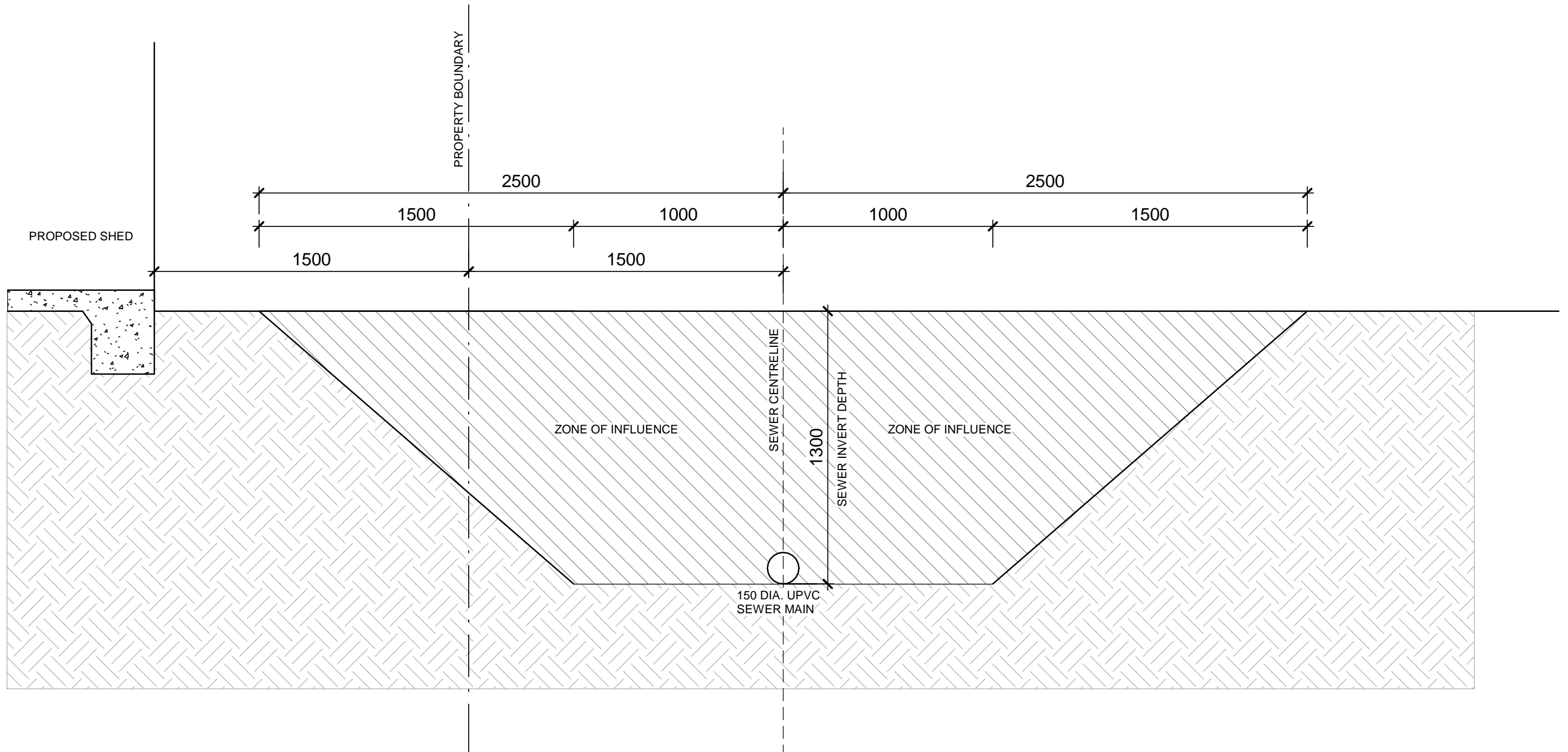
A002

PROJECT No.

0525-126

No.	Description	Date
1	DA ISSUE	20/05/2025





Zone of Influence

1 : 20

PROPOSED SHED WILL NOT BE LOCATED WITH
THE ZONE OF INFLUENE OF GRAVITY SEWER
MAIN LOCATED ON ADJOIING LOT 103

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authority of any discrepancy.



PROJECT
PROPOSED NEW SHED
LOCATION
13 SEMILLON DRIVE, NORTH TAMWORTH NSW 2340
CLIENT
MR. H. BARNES

TITLE:

ZONE OF INFLUENCE

DATE 20/05/2025
DRAWN JB
DESIGNED JB
SCALE 1 : 20

A003

PROJECT No.
0525-126

No.	Description	Date
1	DA ISSUE	20/05/2025

ENGINEERING SCHEDULE

CERTIFIED STEEL PORTAL FRAME SHED DESIGN IN ACCORDANCE WITH NCC 2022 FOR SITE WIND SPEED "43.89m/s", WIND REGION "A3", TERRAIN CATEGORY "2.42", IMPORTANCE LEVEL "2"

Internal Pressure: 0.5
Design Snow Load: 0.00 KPa, Roof Snow Load: 0.00 KPa

Customer: Hugo Barnes
Site Address: 13 Semillon Dr, North Tamworth NSW 2340

Main Building: Span: 6, Length: 10, Height: 3.6, Roof Pitch: 11 degrees
The length being comprised of 3 bays, the largest bay is 3.75m bays.
Left LeanTo: NA
Right LeanTo: NA

Total Kit Weight: 1992.32kg

INTERNAL PORTALS	END PORTALS
Column: 2C15015 Rafter: 2C15015 Knee Brace: 2C10010 Knee Brace Length: 1500 Apex Brace: 2C10010 Apex Brace Length: 3000	Column: C15015 Rafter: C15015 Knee Brace: NA Knee Brace Length: NA Apex Brace: NA Apex Brace Length: NA Endwall Mullion: C15015
LEFT LEAN TO PORTALS	RIGHT LEAN TO PORTALS
Internal Column: NA Internal Rafter: NA End Column: NA End Rafter: NA Knee Brace: NA Knee Brace Length: NA	Internal Column: NA Internal Rafter: NA End Column: NA End Rafter: NA Knee Brace: NA Knee Brace Length: NA

NOTE: All unclad intermediate columns are always back to back (refer to drawing: Floor Plan).

PURLINS AND GIRTS		
Eave Purlin: C10010		
Side Wall Girts: TH64100	Max Spacing: 1250	Overlap: 10%
Front End Wall Girts: TH64100	Max Spacing: 1250	Overlap: 10%
Back End Wall Girts: TH64100	Max Spacing: 1250	Overlap: 10%
Roof Purlins: TH64100	Max Spacing: 1000	Overlap: 10%

NOTE: Girt spacing will vary to a maximum 1.25m where window/s are located.

FASTENERS
Sleeve Anchor Bolts: M12x75 Sleeve Anchor Yellow Zinc Frame Bolts: M12x30 Purlin Assembly Zinc (Mild) Frame Screws: Frame Screw 14x14x22 Cross Bracing Strap: NA Open Bay Header Height: NA

COLOUR SCHEDULE
Roof Sheets: Slate Grey External Wall Sheets: Slate Grey Roller Doors: Slate Grey Flashings: Slate Grey PA Doors: Slate Grey Windows: NA

DOMESTIC & LIGHT INDUSTRIAL STEEL PORTAL FRAME SHED STRUCTURES

This structure is designed in compliance with AS4600, AS3600 and AS1170 1 to 4 as Importance Level 2 with a Live Load of 0.25kPa as "Air Leaky Structures" providing stability when openings are prevalent.

The structures are clad with corrugated pre-painted finish, 0.42mm walls and 0.42mm roof (compliant with AS1562.1 Metal) over cold formed 450 to 550mPa galvanized steel C sections primary frames.

Primary framing is fastened together with 4.6 Class galvanized bolts adequately tensioned on ground prior to erection.

Secondary framing steel bracing, with purlins and girts lapped, are all tek fastened to primary steel with a minimum of two (2) teks per connection as specified in details.

All rainwater products are compliant with AS2179.1 (Metal).

ENGINEERING

The undersigning engineer has checked that the design of the structure complies with relevant current Australian Standards as stated above and the following i.e AS4671- 2001 Steel Reinforcing materials, AS3600 - Concrete structures. However, he will not be present during construction, neither will he conduct inspections nor construction supervision.

The class 10a buildings are designed for erection on pad footings or slab based on soil of classification "A"- "P" with minimum bearing capacity 100kPa (i.e. organic soil is to be removed to a suitable material below natural surface).

Where (suitable) fill is required to level the site, it should be placed and compacted in layers of 150mm maximum.

Concrete pad footings and slab supply and placement is to be in compliance with AS2870-2011 Residential Slabs & Footings, AS3600-2009 Concrete Structures for A2 and B2 exposure (i.e. 25mPa strength @ 28 days strength) with recommended slump 75 to 80mm for light pneumatic tyred traffic all trafficable floors.

25mm deep concrete saw cut, to be made into the surface of the concrete slab every 6m in width or length as crack control joints.

For sites where these conditions are considered to be inadequate, a customized foundation design for the structure can be supplied to suit a specific purpose.

CONSTRUCTION

Erection of the structure is to be in compliance with local and state ordinances,

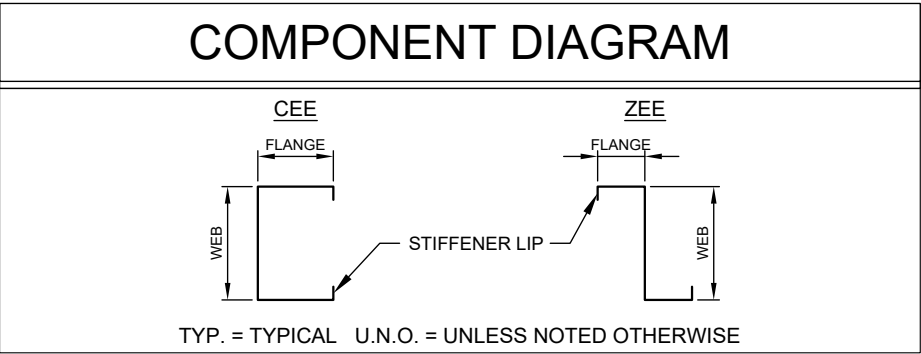
Occupational Health and Safety Regulations and with plans provided.

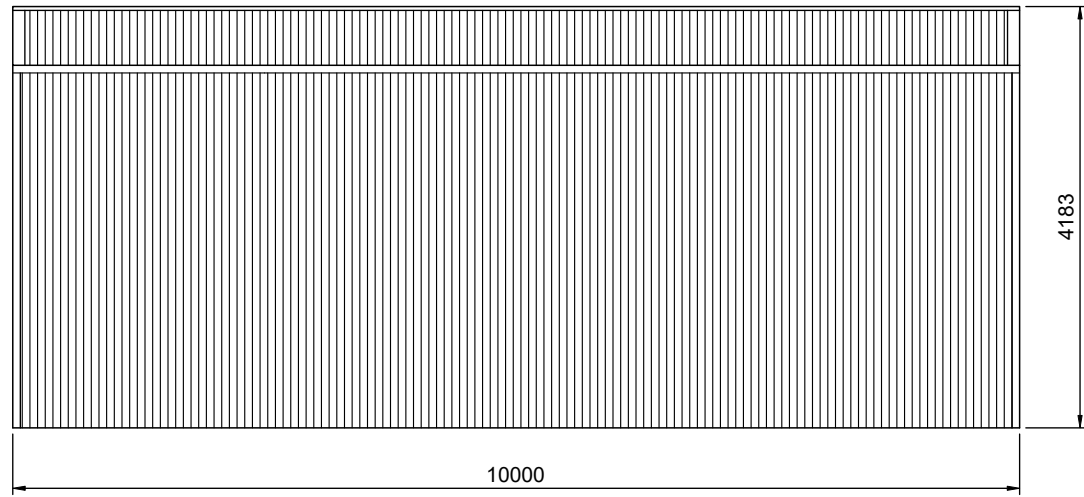
GENERAL

The designs as portrayed on the drawings remain the intellectual property of Best Sheds Pty Ltd and are provided for building approval and construction purposes only.

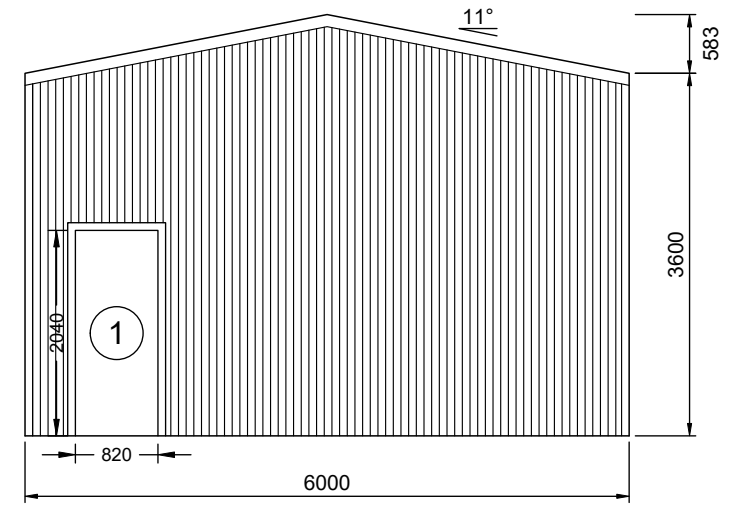
SNOW LOAD

Following conditions only apply to buildings with snow loading:
No maintenance or roof traffic permitted on the roof while there is snow present.
No other structure to be erected within 500mm of the gutters of this building.

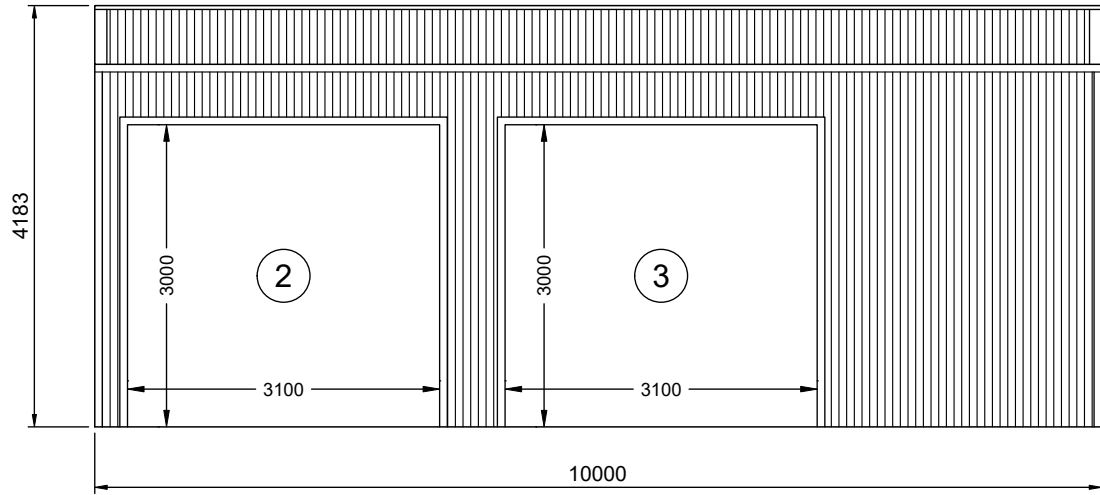




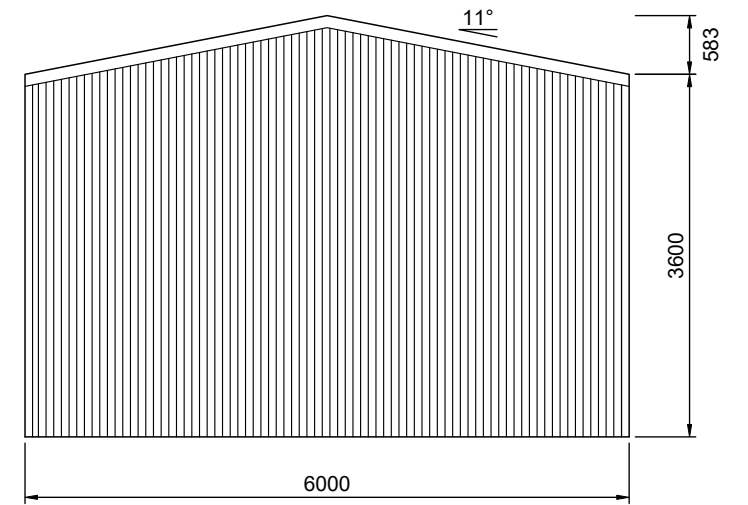
2 LEFT ELEVATION
2 SCALE: 1:75



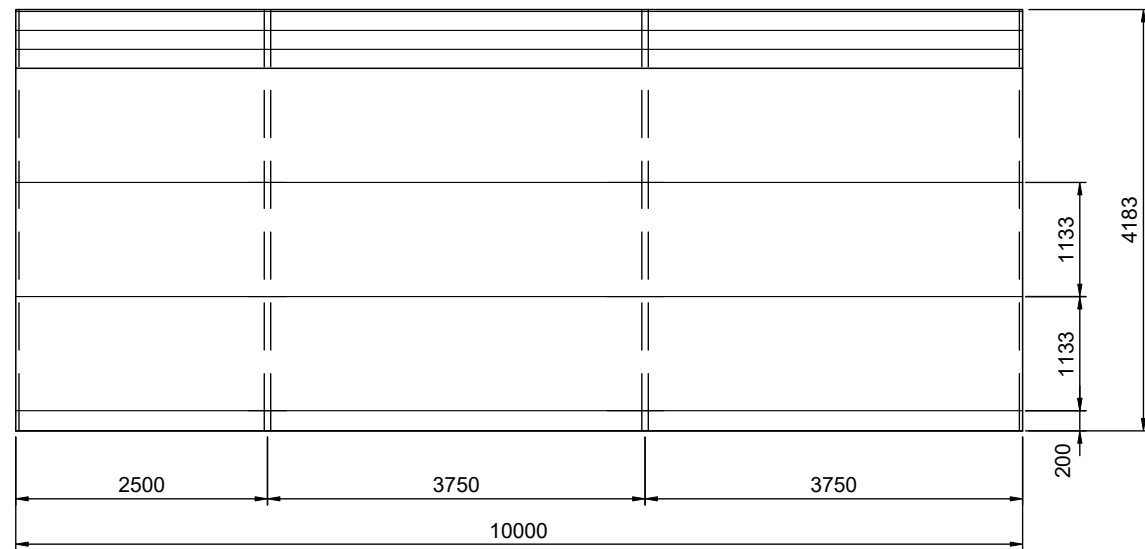
3 REAR ELEVATION
2 SCALE: 1:75 FRAME #4



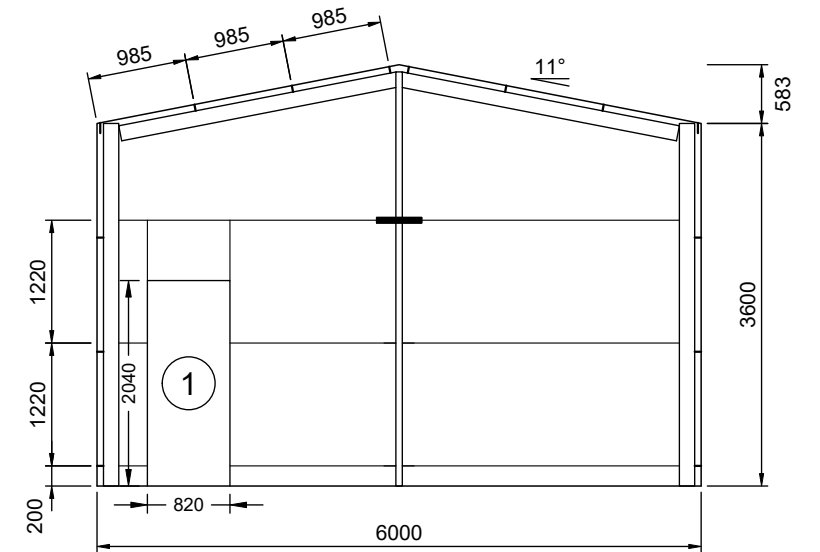
1 RIGHT ELEVATION
2 SCALE: 1:75



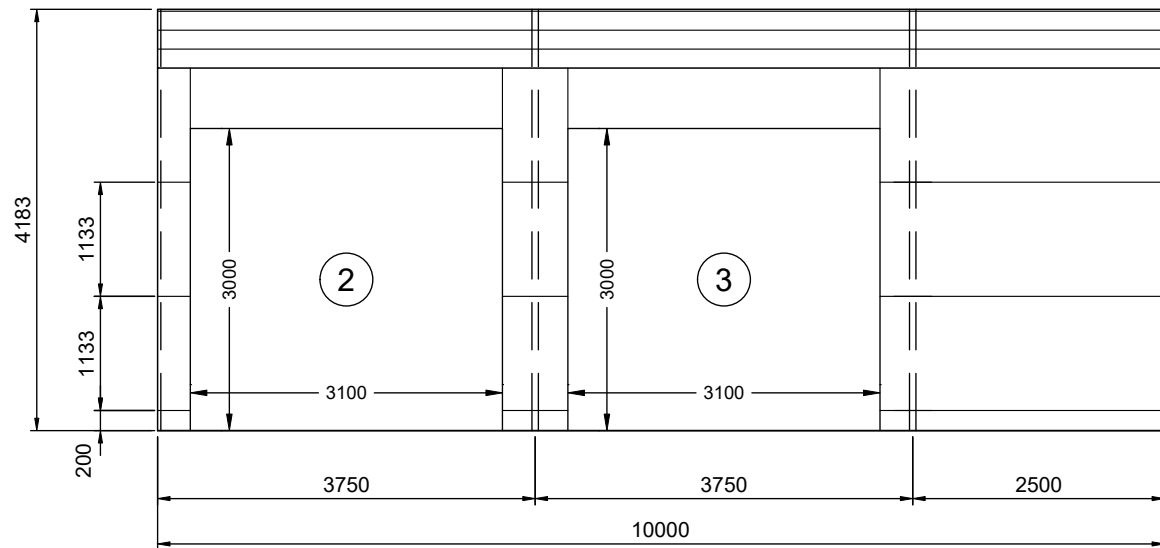
4 FRONT ELEVATION
2 SCALE: 1:75 FRAME #1



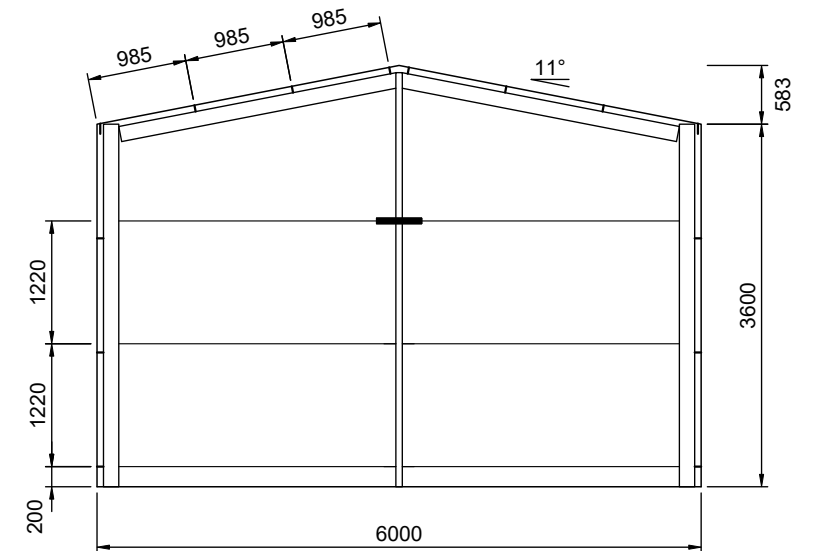
2 LEFT ELEVATION
3 SCALE: 1:75



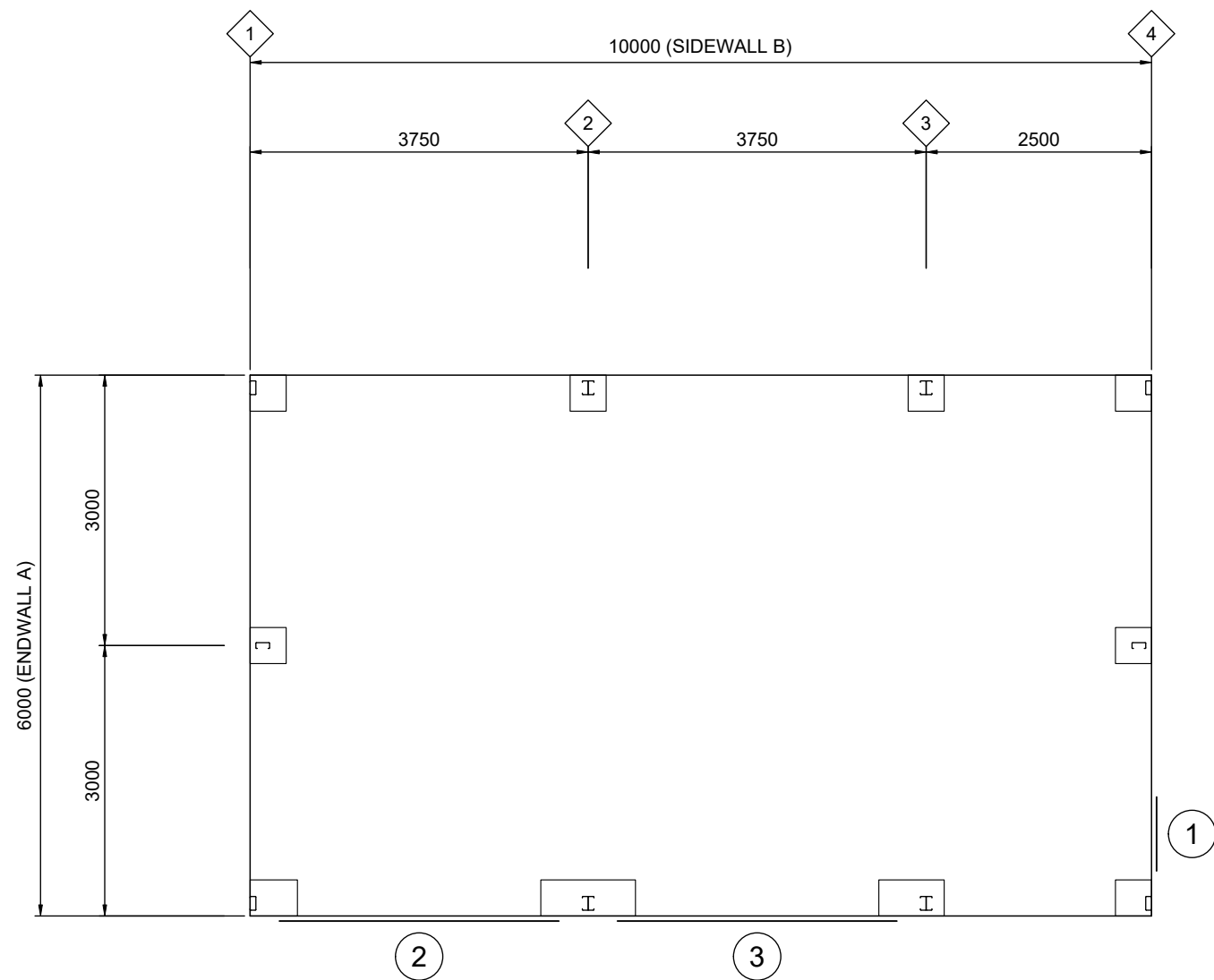
3 REAR ELEVATION
3 SCALE: 1:75
 FRAME #4



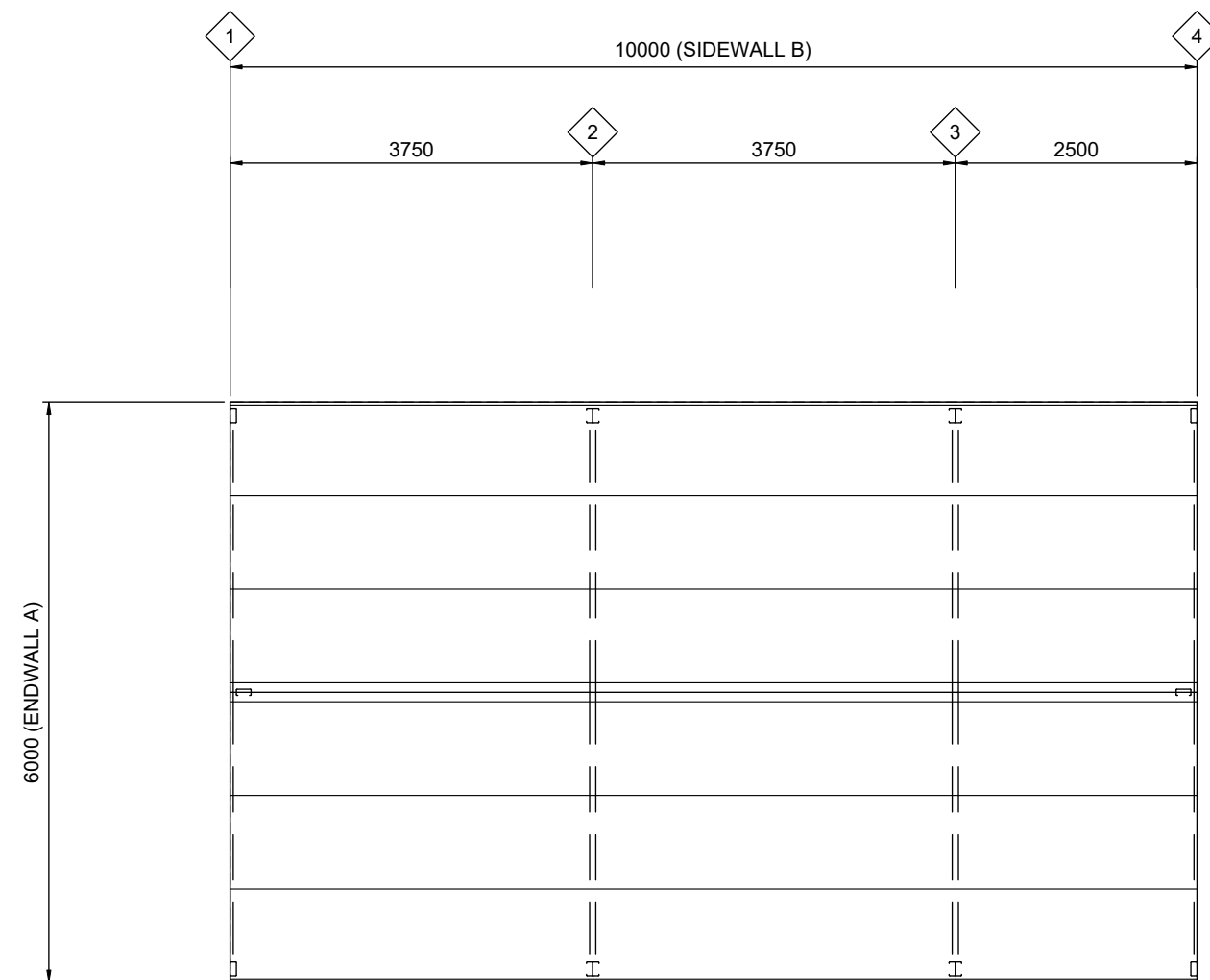
1 RIGHT ELEVATION
3 SCALE: 1:75



4 FRONT ELEVATION
3 SCALE: 1:75
 FRAME #1



1 FLOOR PLAN
4 SCALE: 1:75



2 ROOF FRAMING PLAN
4 SCALE: 1:75

SLAB FOUNDATIONS DOMESTIC / LIGHT INDUSTRIAL
(100mm MINIMUM CONCRETE SLAB INCLUDED)

SOIL CLASSIFICATION (COMPACTED)	REINFORCING IN SLAB	EDGE BEAM	PIER	EDGE BEAM (slab thickness not included)	
	MESH REINFORCING	TRENCH MESH	ø x DEPTH	DEPTH	WIDTH
A, S, & M	SL72	---	450 x 400	---	---
M - D	SL82	L11TM3	---	300	300
H TO H - D	SL82	L11TM3	---	400	300
E TO E - D	SL82	L11TM4	---	400	400
P (DROP EDGE BEAM OR STANDARD EDGE BEAM WITH PIERS UNDER COLUMNS 300 INTO FIRM GROUND)	SL82	L11TM4	450ø	400	400

THICKNESS: 100MM WITH MINIMUM 30MM COVER. REFER TO SLAB FOUNDATION TABLE FOR REINFORCING SPECIFICATION

STRENGTH: 25mPa

2 x M12 BOLTS

2 X 12MM DIA SLEEVE ANCHORS,
10MM DIA INTERNAL ROD-MIN 75MM LONG

REFER TO SLAB
TABLE FOR MESH
TYPE - 30MM COVER

100

DEPTH

POLYTHENE WATERPROOF
MEMBRANE ON CONSOLIDATED
SUB-BASE SHOWN DASHED

WIDTH

Z

ALTERNATE PIER DETAIL

10G X 16MM SHEETING SCREW,
REFER TO SCREW
SPACING DIAGRAM
FOR FREQUENCY

TOPHAT 64
WALL GIRT WITH
10%MM
MINIMUM
OVERLAP

2C15015 COLUMN

2 X 14G TEK
SCREWS

I

ROOF SHEETING

12g x14 x 35mm LONG ROOF SCREWS

RIDGE PURLIN
(EVERY SECOND SCREW TO GO THROUGH THE RIDGE
CAPPING AND ROOF SHEETING AND INTO THE RIDGE PURLIN)

INTERMEDIATE PURLIN

EAVE PURLIN

0.42 BMT CORRUGATED ROOF SHEETING

J

WALL SHEETING

10g x 16mm LONG WALL SCREWS

WALL GIRT

EAVE PURLIN

0.42 BMT CORRUGATED WALL SHEETING

Y

SLAB DETAIL

INDICATES 12 mmø
GRADE 4.6 BOLT

2C15015 FRAME
RAFTER

4 X 14G TEK SCREWS

2C15015 FRAME
COLUMN

DBL. 1.9mm 11" HAUNCH
BRACKET (SAME DEPTH
AS MEMBERS)

2854 mm
TO TOP OF
CONCRETE
FOUNDATION

2C10010 KNEE
BRACE, 1500 mm
LONG (OMIT AT
ENDWALLS)

(2) 12 mmø GRADE 4.6
BOLTS AT EACH END
OF KNEE BRACE

NOTE: ALL DOUBLE COMPONENTS SHALL BE SINGLE AT ENDWALLS.

F

GIRT CONNECTION

2C15015 FRAME
RAFTER

DBL. 1.9mm 11" APEX
BRACKET, WITH (8) 12 mmø
GRADE 4.6 BOLTS PER
BRACKET

4 X 14G TEK SCREWS

1450 mm

(2) 12 mmø GRADE 4.6 BOLTS AT
EACH END OF APEX BRACE

2C10010 APEX BRACE
(OMIT AT ENDWALLS), 3000
mm LONG

NOTE: ALL DOUBLE COMPONENTS SHALL BE SINGLE AT ENDWALLS.

G

TOP HAT CONNECTION

ATTACH OUTSIDE FLANGE
OF ENDWALL MULLION TO
APEX BRACKET WITH 5 X
14G TEK SCREWS

C15015 (OPEN SIDE OF CEE MAY FACE
EITHER DIRECTION, U.N.O.)

C15015 ENDWALL
RAFTER

NOTE: SEE DETAIL M/6 FOR ENDWALL MULLION BASE CONNECTION

H

EAVE CONNECTION

TOPHAT 64 ROOF
PURLIN WITH 10%
MINIMUM OVERLAP

12G X 35MM SHEETING
SCREW, REFER TO SCREW
SPACING DIAGRAM FOR
FREQUENCY

C15015 RAFTER

4 X 14G TEK
SCREW

A

HAUNCH CONNECTION

B

APEX CONNECTION

C

ENDWALL MULLION TO RAFTER
PEAK CONDITION

E

PURLIN CONNECTION

best
sheds

Value & Quality Direct to You

151 Smeaton Grange Road,
Smeaton Grange, NSW, 2567
Phone: 02 4648 7777
Fax: 02 4648 7700
Email: sales@bestsheds.com.au

EMERALD

DESIGN & CONSTRUCTION

CIVIL & STRUCTURAL ENGINEERS

COMMERCIAL - INDUSTRIAL - RESIDENTIAL - FORENSIC - STEEL DETAILING

CAMILO PINEDA MORENO

Bend MIEAust RPEng
RPEQ 15562 TBP PE003976 (VIC)

Signature:

Date: 30.04.2025

Customer Name: Hugo Barnes

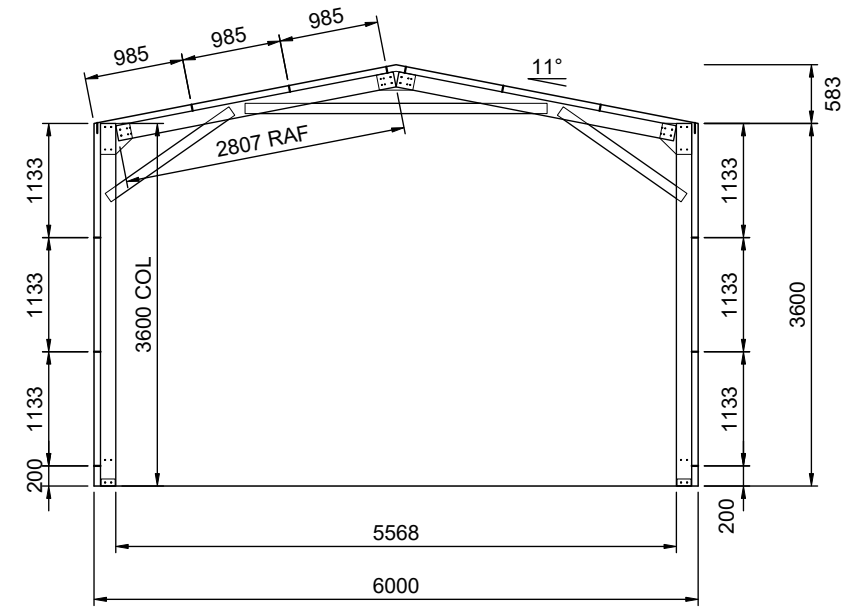
Site Address: 13 Semillon Dr
North Tamworth,
NSW, 2340

DATE 30-04-2025

JOB NO. 4530074738

SHEET 5 of 7

O	P	Q	
K	L	M	N



1
7 TYP. FRAME CROSS-SECTION
SCALE: 1:75 FRAMES 2, 3