

SHED

Civil and Structural
Consulting Engineers

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Melbourne VIC 3134
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www.rsaeng.com.au



RSA-15-0649-02CL
1 June 2022

Mr Glenn Turner
Stratco (Australia) Pty Ltd
P O Box 307
ENFIELD PLAZA SA 5085

Dear Glenn

CERTIFICATION

BUILDING TYPE: STRATCO HOMESHED RANGE
LOCATION: REGION A & REGION B
SHIRE: ALL RELEVANT LOCAL AUTHORITIES
STRUCTURAL DESIGN PARAMETERS: WIND LOADS(AS/NZS1170.2-2021):
 REGION A, CATEGORY 2 & 3
 REGION B, CATEGORY 2 & 3
SUB-ALPINE SNOW LOADING
 MAX ALLOWABLE SNOW LOAD S=1.26 kPa
SOIL PARAMETERS (AS2870-2011):
 COMPACT SAND, GRAVEL AND SAND
 FINE SAND, GRANULAR SOIL, STIFF CLAY
CERTIFICATION VALIDITY 01 JUNE 2023

REFERENCE DOCUMENTS:

DOCUMENT NO.	DOCUMENT TITLE	REV
2011-628-R03	STRATCO HOME SHED DESIGN REGION A AND B – STRUCTURAL DESIGN REPORT	4
2011-628-01S	FIXED BASE OPTION	1
2011-628-02S	PINNED BASE OPTION	1
2011-628-03S	GABLE SINGLE DOOR OPTION	1
2011-628-04S	GABLE DOUBLE DOOR OPTION	1
2011-628-05S	GABLE END COLUMNS	1
2011-628-06S	GABLE END SLIDING DOORS	0
-	STRATCO LARGE SPAN GABLE HOMESHED INSTALLATION GUIDE MARCH 2016	-



We hereby authorise STRATCO (Aust) Pty Ltd and its immediate customers for their product based on this design, to make multiple building permit applications for the above sheds for the designated wind region and category.

Soil classification noted above is as approved by the local building approval authority. In all cases the building owner must ensure subgrade and base is capable and where drainage is critical this is to be managed appropriately.

It is specifically noted the ductility of such structures will enable, without review, the acceptance of these structures in locations where the earthquake provisions of AS1170.4 are satisfied up to a KpZ of 0.2 (probability factor X acceleration coefficient Z) NB¹ and NB².

CERTIFIED

A handwritten signature in black ink, appearing to read 'Robin Salter', is positioned below the 'CERTIFIED' heading.

Robin Salter BE (Hons) FIEAust CPEng
Principal Engineer
Eng. Aust. No.: 171379
N.T. Reg. No. : 137880ES
QLD. Reg. No. : 01477
Victoria Reg. No. : EC39412
NER Reg. No. : 171379

- * NB₁. Where the location exceeds this, the design shall be checked by Stratco Head Office.
- * NB₂. Unless otherwise required by specific client needs, P may be taken as 1/250 rather than 1/500. Kp of 0.75 rather than 1. These are ductile steel structures.

STRATCO STRENGTH



SHED QUARTERS

Stratco have developed a versatile range of Gable Roof Sheds to suit every situation. Stratco Gable Roof Sheds give you more space for storage, extra room for a workshop, provide the ideal space for a boat or caravan, and give you the opportunity to entertain all year round.

WARRANTY

Stratco is proud to support its Gable Roof Shed range with a comprehensive 15 Year Structural, 10 Year Paint Finish, 10 Year Life Prior to Perforation Warranty. Our warranty gives you peace of mind that when purchasing a Stratco Gable Roof Shed you are buying a quality product supported by one of the largest Steel Manufacturing Companies in Australia.

STRUCTURAL INTEGRITY

Our entire range of Gable Roof Sheds has been independently tested to meet all relevant Australian Building Standards and Building Code of Australia to give you the confidence that a Stratco Gable Roof Shed will stand the test of time.

- ✓ AS/NZS 1170.0 - Structural Design Actions - Part 0: General Principles
- ✓ AS/NZS 1170.1 - Structural Design Actions - Part 1: Permanent, imposed and other actions
- ✓ AS/NZS 1170.2 - Structural Design Actions - Part 2: Wind actions
- ✓ AS 4100:1998 - Steel structures
- ✓ AS/NZS 4600 - Cold-formed steel structures
- ✓ AS 3600 - Concrete structures
- ✓ AS 4055 - Wind Loads for Housing
- ✓ AS 1562.1 - Design and installation of sheet roof and wall cladding
- ✓ N.A.S.H. Standard - Residential and Low-rise Steel Framing - Part 1: Design Criteria

COMPANY HISTORY

Stratco has a proud history within the steel manufacturing industry, dating back over 70 years. Our commitment to supplying superior products and relentless innovation gives all of our customers the confidence that they are buying from a true industry leader who stand by their products.

Why buy a Gable Roof Shed from Stratco - **STRATCO STRENGTH!!!**

WARRANTY | STRUCTURAL INTEGRITY | COMPANY HISTORY



« SCAN THIS QR CODE TO FIND A STRATCO NEAR YOU

1300 155 155
stratco.com.au

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How to.

STRATCO



JOB DETAILS

DESIGN NUMBER: SQ284468
DATE: 07/06/2023
SALES PERSON: Ms Tracy Anderson

CUSTOMER DETAILS

CLIENT NAME: Meglen Maintenance
CONTACT NO: 0411337955
SITE ADDRESS: Norseman Unknown

QUOTATION
QUOTE VALID FOR 30 DAYS

POSTCODE: 6443
EMAIL: meglen123@bigpond.com

Thank you for the opportunity to prepare a quotation for your next exciting home improvement project. Stratco has a proud history within the steel manufacturing industry, dating back over 70 years. Our commitment to supplying superior products and relentless innovation gives all of our customers the confidence that they are buying from a true industry leader who stand by their products.

Stratco customised sheds are of the highest quality using pre-punched galvanised C-section frames for ease of assembly as well as added strength. Our entire shed range has also been independently tested to meet all current Australian Building Standards giving you the peace of mind that a Stratco shed will stand the test of time.

From our recent consultation, we have prepared the following quotation and attached all relevant details for your design which we believe will suit your needs.

STRATCO GABLE ROOF SHED

LARGE SPAN TYPE 2

Length (mm)	9,000
Width (mm)	9,000
Height (mm)	4,000
Wind Category	Region A Cat 2
Roof Sheet	CGI 0.42 BMT Single Sided
Wall Sheet	Superdek Premium Double Sided
Footing Type	Pinned (On Concrete)
Roller Doors	2

TOTAL QUOTE INCLUDING 10% GST

This quotation is for supply of a Stratco Shed Kit.

Once again, thank you for this opportunity and please give me a call if you would like any additional information.

Kind Regards,

Ms Tracy Anderson

Note: Steel Prices are rising globally and we expect to see prices continue to increase significantly over the coming months. Should agreement be made on this quote/contract, the subsequent purchase price may be subject to change should any notified or scheduled price increase occur.

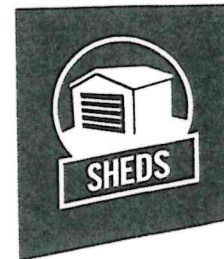


THE STRATCO *Advantage*



Stratco is a 100% AUSTRALIAN OWNED success story, proudly boasting over 70 years of manufacturing excellence. Stratco operates 15 manufacturing facilities around Australia, employing many hundreds of Australians.

DESIGNED • ENGINEERED • TESTED • MANUFACTURED • GUARANTEED



Stratco have developed a versatile range of garages to suit every situation. Stratco garages give you more space for storage, extra room for a workshop, provide the ideal space for a boat or caravan, and give you the opportunity to entertain all year round. Stratco has a proud history within the steel manufacturing industry, dating back over 70 years. Our commitment to supplying superior products and relentless innovation gives all of our customers the confidence that they are buying from a true industry leader who stand by their products.

**PLEASE CHECK THAT ALL ORDER DETAILS ARE CORRECT.
YOUR ORDER IS NOW BEING PROCESSED BASED ON THE FOLLOWING DETAILS.**

JOB DETAILS

DESIGN NUMBER: SQ284468
SALES PERSON: Ms Tracy Anderson

CUSTOMER DETAILS

CLIENT NAME: Meglen Maintenance
PHONE NUMBER: 0411337955
ACCOUNT CODE: *PPKAL

DELIVERY DETAILS

DELIVERY INSTRUCTIONS: Norseman Unknown

ADDITIONAL INSTRUCTIONS: 6443
TOTAL WEIGHT: 2881.034 KG

Opening Details

Roller Doors 2

Site Details

Wind Speed Region A Cat 2

Wall Details

Bottom Sheet Extra 25mm Yes
Wall Sheet Superdek Premlum Double Sided

Wall Girts

End Wall Girt Section GHS Purlin/Girt 1.0 100
Side Wall Girt Section GHS Purlin/Girt 1.0 100

Portal Frames

End Portal Column Reinforcing Section N/A: Not Applicable
End Portal Column Section GHS Portal Column 1.9 250
End Portal Rafter Section GHS Rafter 1.9 250
Mid Portal Column Reinforcing Section N/A: Not Applicable
Mid Portal Column Section GHS Portal Column 2.4 300
Mid Portal Rafter Section GHS Rafter 2.4 300
Side Wall Girt Section C Section 150 X 2.4mm

Drainage Details

Box Gutter None
Downpipe Type Downpipe 100x50 PVC
Gutter Type Smoothline Gutter 150

Dimensions (Outside Frames)

Height 4000mm
Length 9000mm
Width 9000mm

Roof Details

Roof Pitch 10.0°
Roof Sheet CGI 0.42 BMT Single Sided

Roof Purlins

Eave Purlin Section GHS Purlin/Girt 1.0 100
Roof Purlin Section GHS Purlin/Girt 1.0 100

Gable End Columns

Gable End Column Reinforcing Section N/A: Not Applicable
Gable End Column Section GHS End Column 1.5 150

Footing Details

Concrete Slab Yes
End Pinned Footing Type 250 C-Section Stirrup (Large Span)
Footing Type Pinned (On Concrete)
Middle Pinned Footing Type 300 C-Section Stirrup (Large Span)

Colours

Barge Cap Slate Grey
Corner Flashing Merino
Downpipe Merino
Gutter Slate Grey
Ridge Cap Slate Grey
Roller Door Merino
Roller Door Flashings Merino
Roof Sheet Slate Grey
Wall Sheet Merino

All Dimensions shown are measured from outside of frame (including purlins and girts).
Dimensions shown are for illustrative purposes only and should not be used for assembly.
Please refer to the relevant installation guides or detailed drawings provided for site preparation, portal frame layout and slab dimensions.

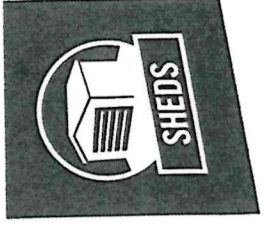
Please refer to current Stratco Gable Homeshed certification referenced 50098 by FYFE Pty Ltd for 15° Homeshed range or certification referenced 2011-628 by RSA for 10° Homeshed range. Certifications are applicable to standard shed designs only.

CUSTOMER SIGNATURE: _____

DATE: 07/06/2023



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Site Plan

Job Reference
Sales Person
Client Name

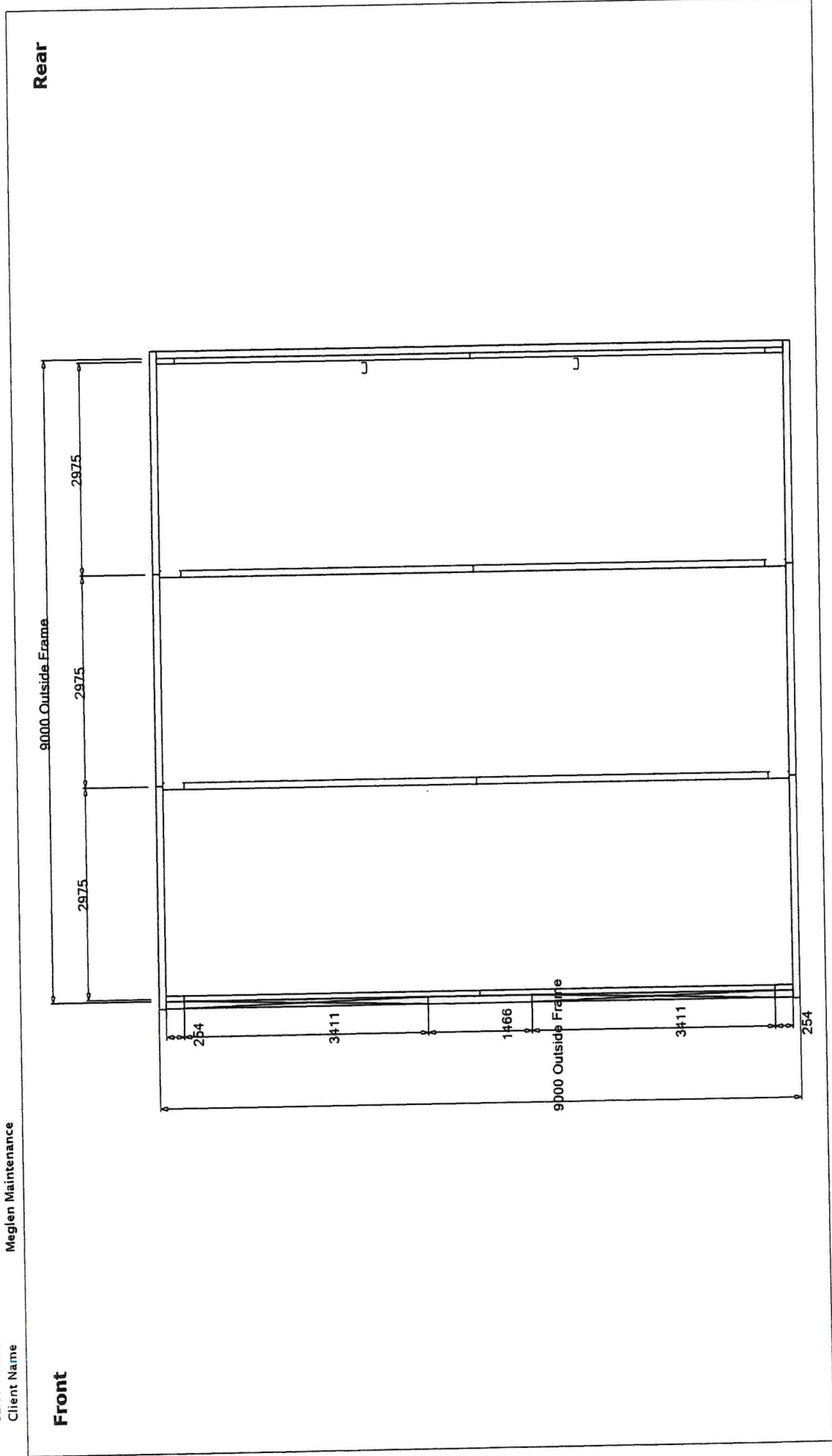
Ms Tracy Anderson
Maglen Maintenance

Site Address
Norseman Unknown

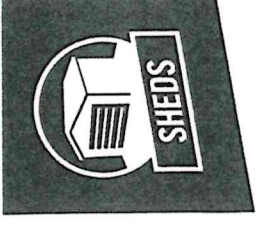
Design Number
Date

Customer Signature

SQ284468
07/06/2023

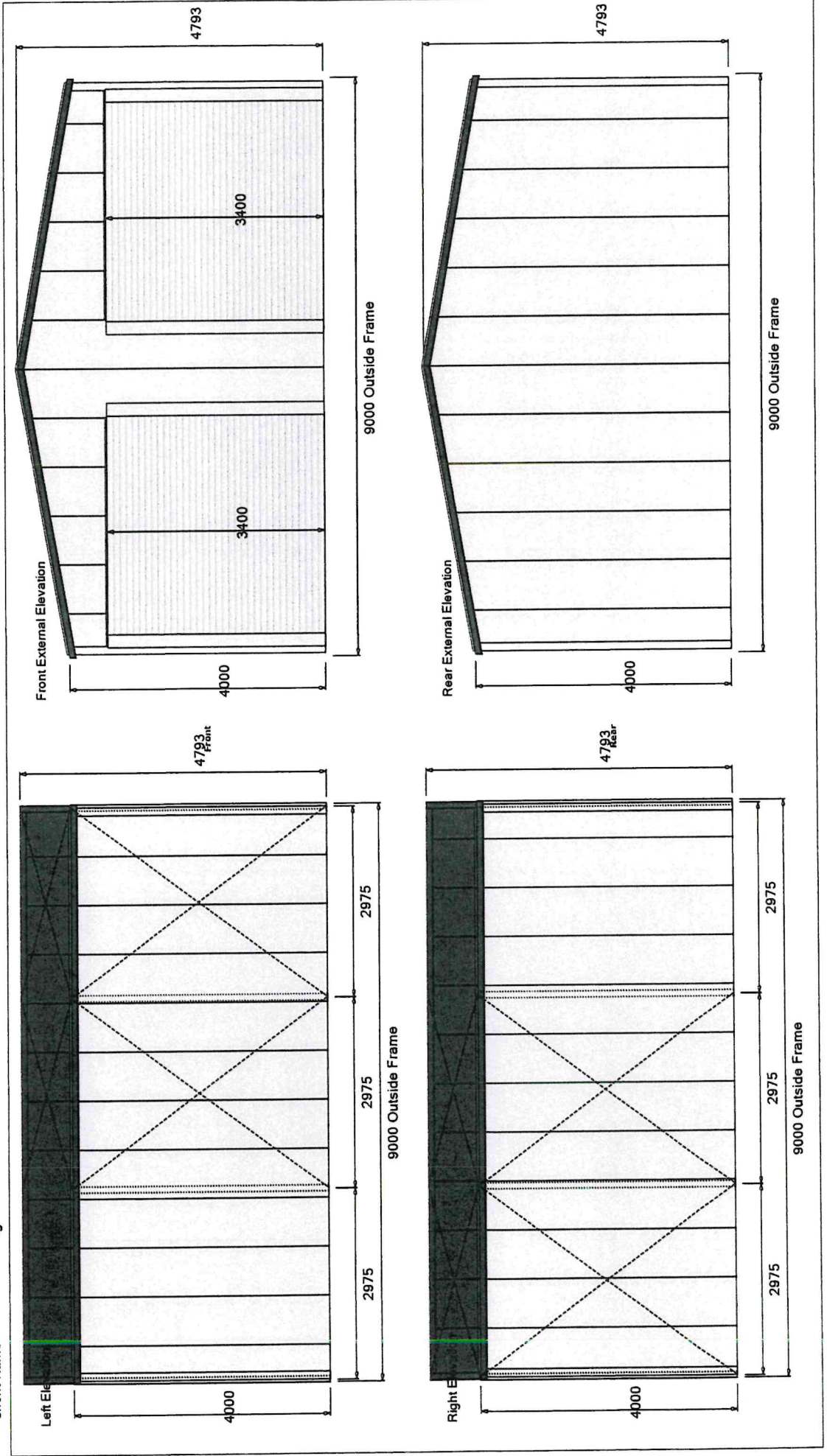


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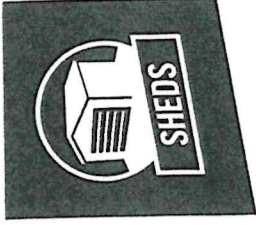


Elevations

Job Reference	Design Number	Customer Signature
Sales Person	Date	
Client Name		
Ms Tracy Anderson	SQ284468	
Meglen Maintenance	07/06/2023	
Site Address	Norseman Unknown	



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Elevations

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Sales Person
Client Name

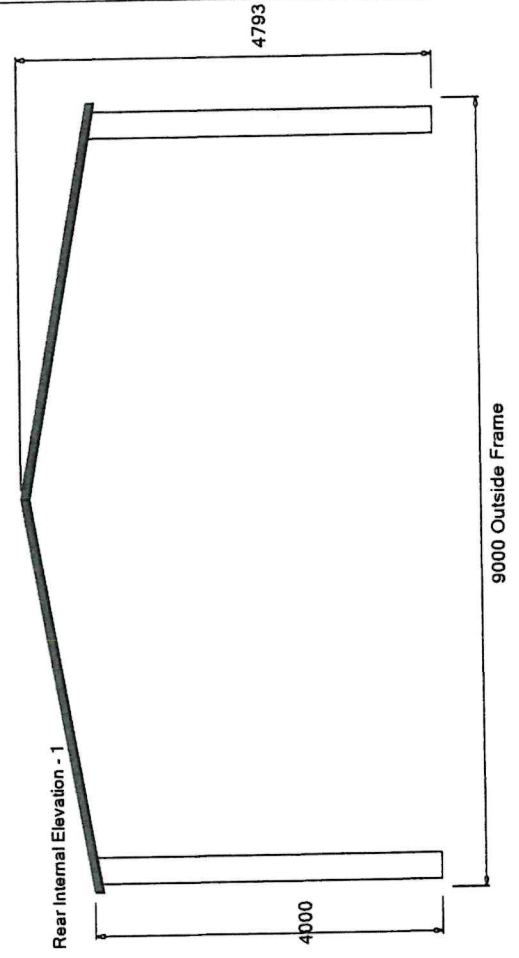
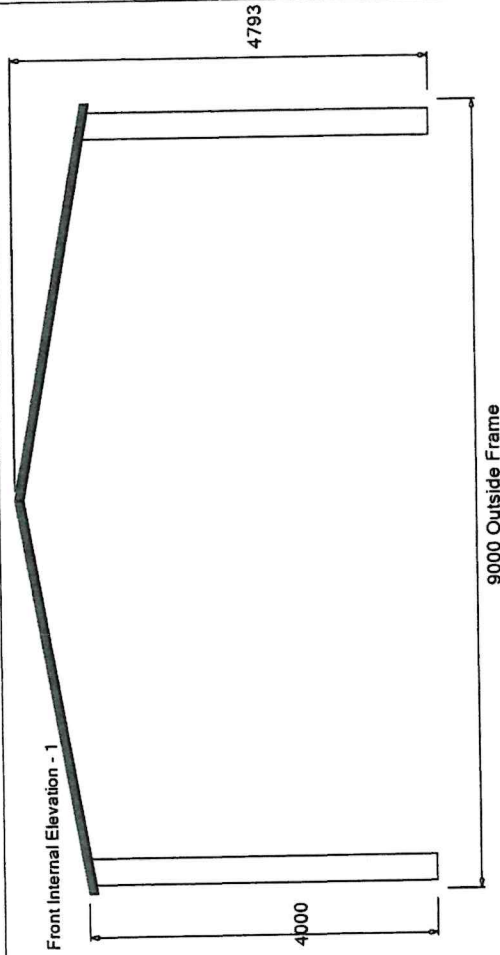
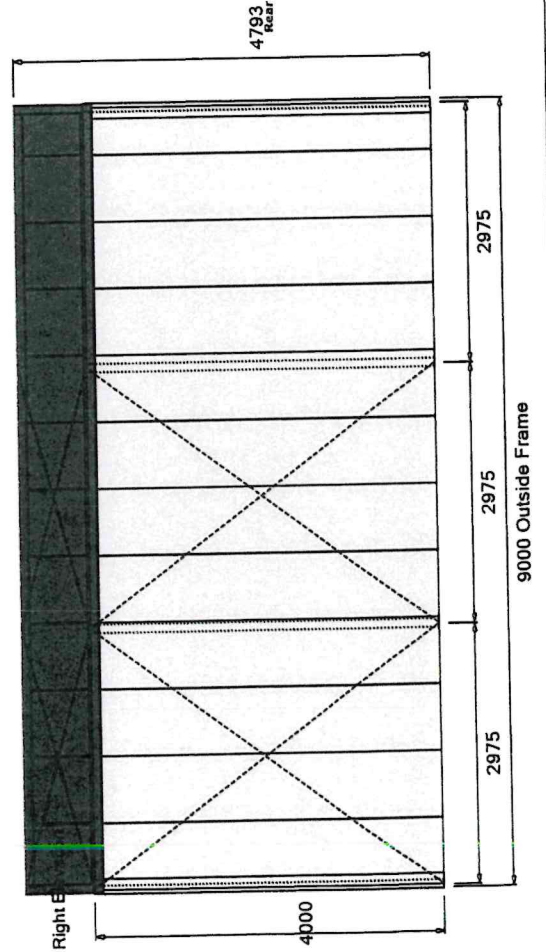
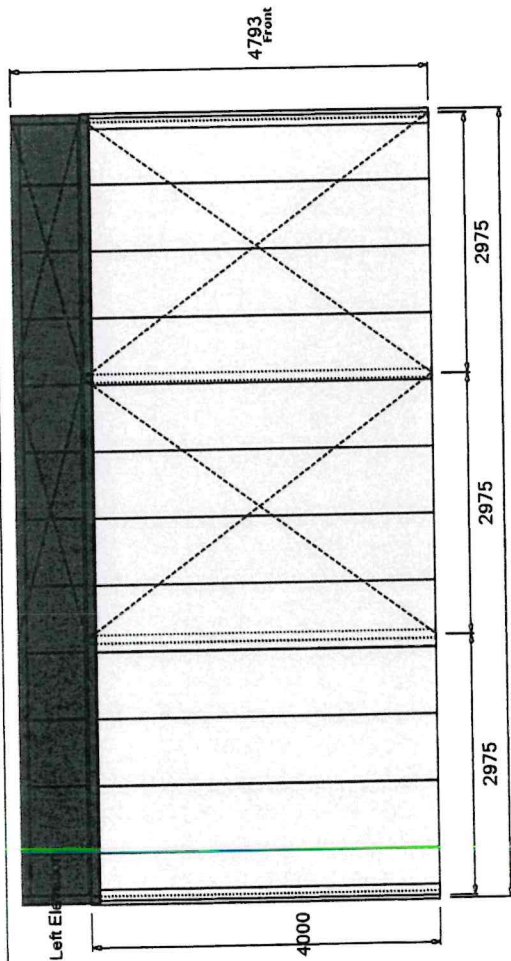
Ms Tracy Anderson
Meglen Maintenance

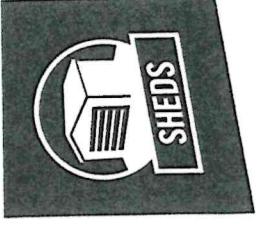
Site Address
Norseman Unknown

Design Number
Date

SQ284468
07/06/2023

Customer Signature





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Elevations

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 Client Name

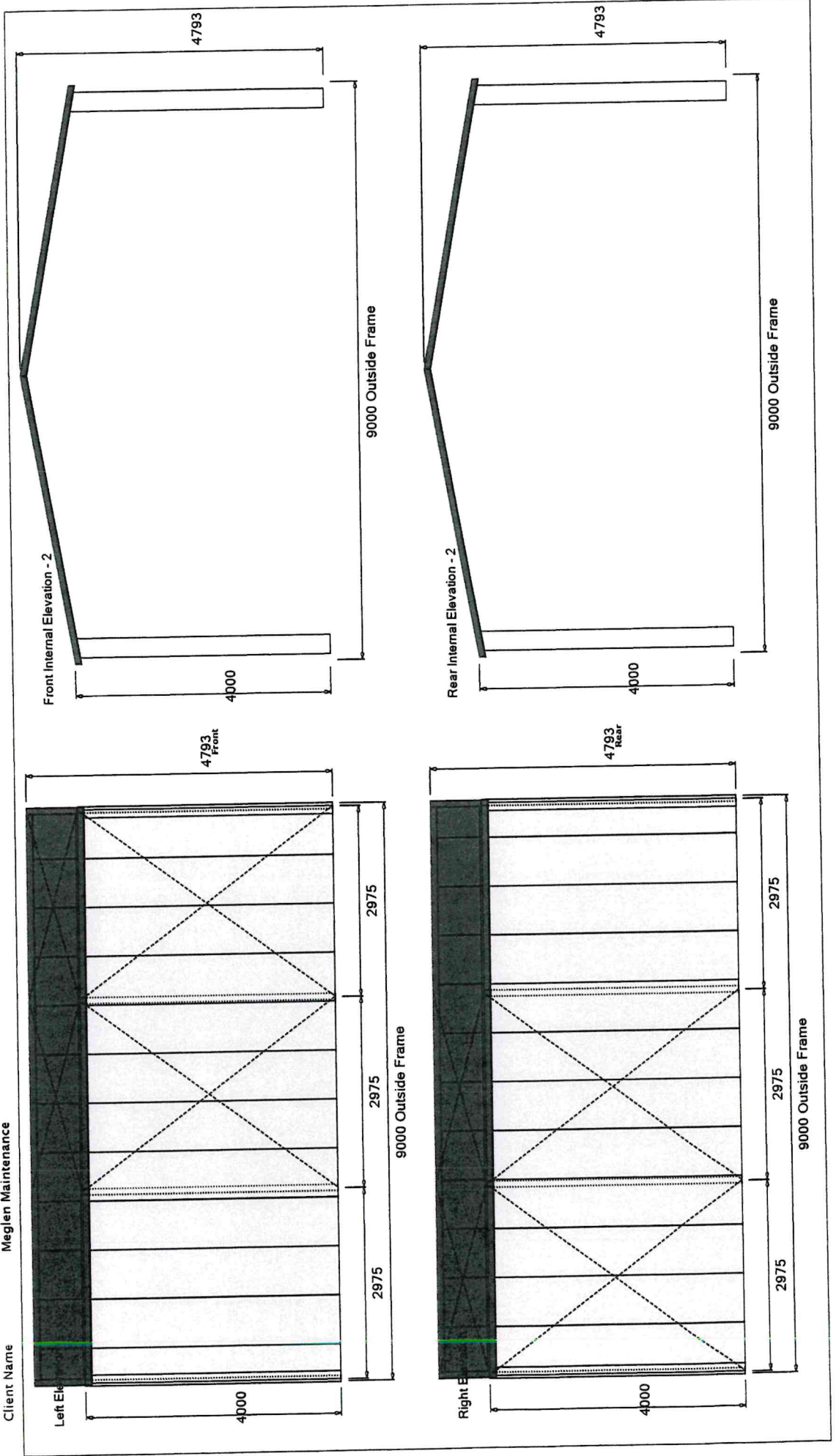
Ms Tracy Anderson
 Meglen Maintenance

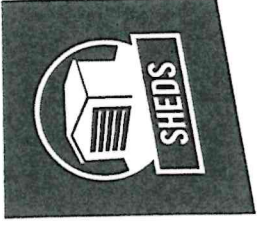
Site Address
 Norseman Unknown

Design Number
 Date

Customer Signature

SQ284468
 07/06/2023





Left Elevation

Job Reference
Sales Person
Client Name

Ms Tracy Anderson
Maglen Maintenance

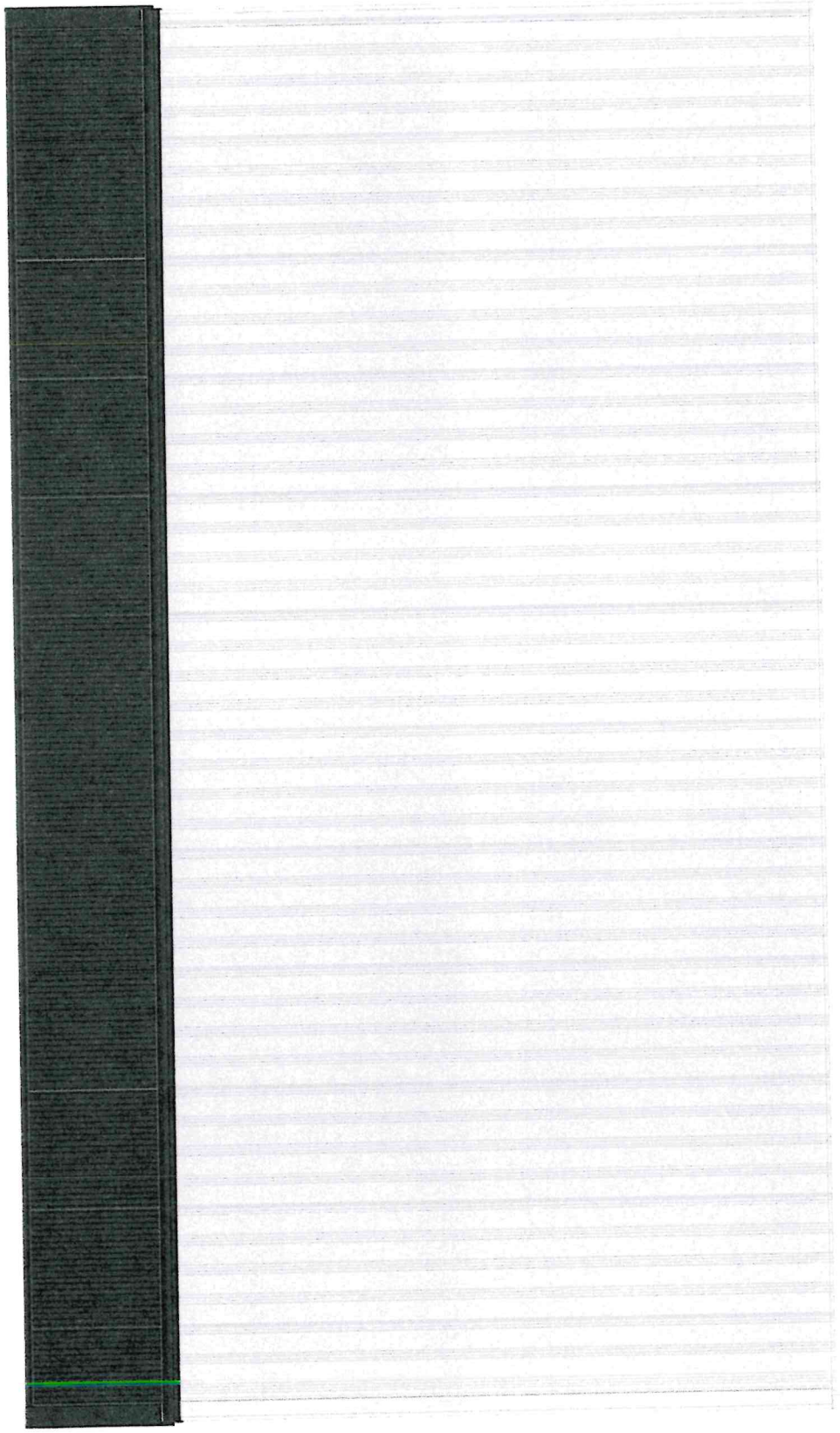
Site Address

Norseman Unknown

Design Number
Date

SQ284468
07/06/2023

Customer Signature





Right Elevation

Job Reference
Sales Person
Client Name

Ms Tracy Anderson
Maglen Maintenance

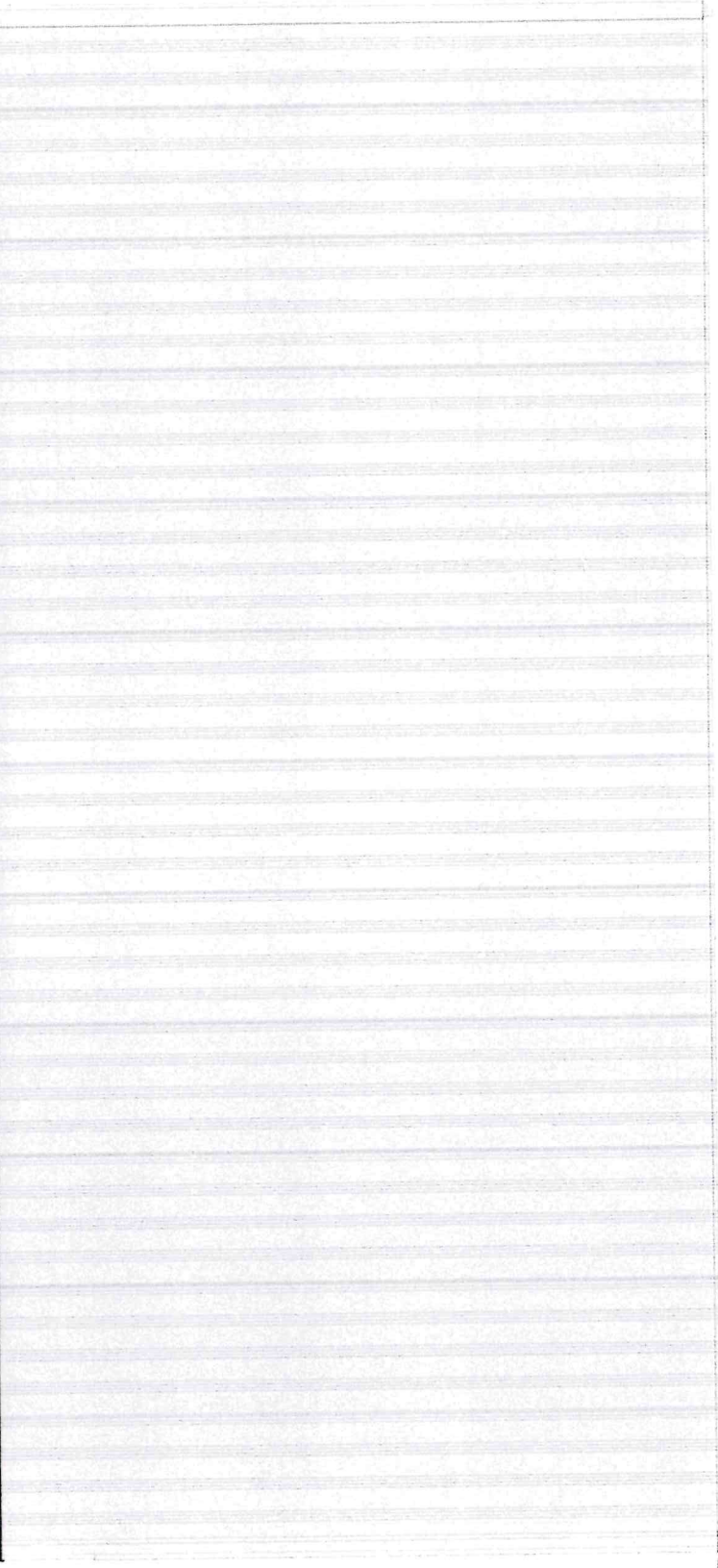
Site Address

Norseman Unknown

Design Number
Date

SQ284468
07/06/2023

Customer Signature





Front Elevation

Job Reference
Sales Person
Client Name

Ms Tracy Anderson
Meglen Maintenance

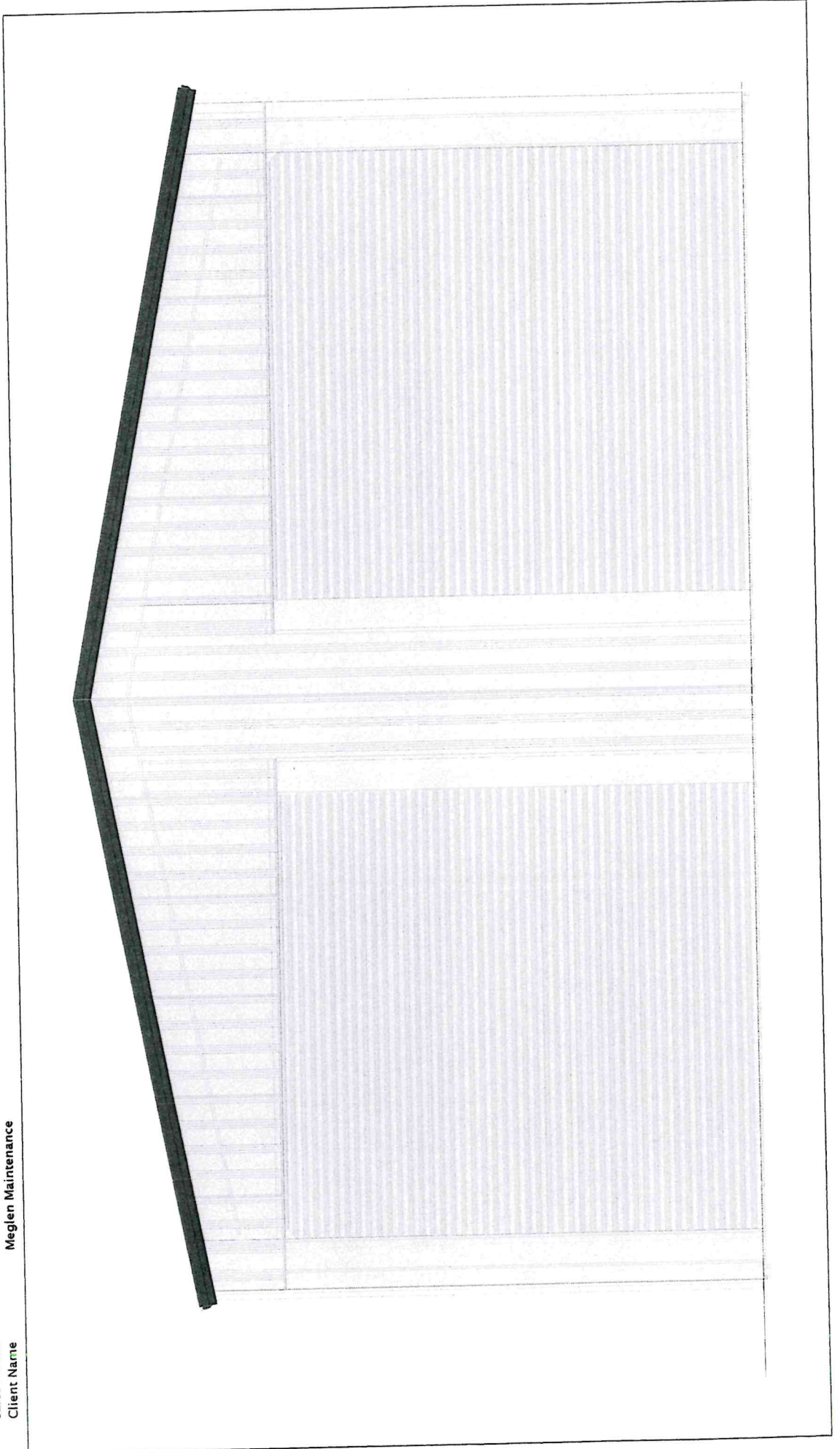
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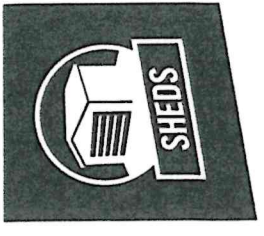
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Design Number
Date

SQ284468
07/06/2023

Customer Signature





Rear Elevation

Job Reference
Sales Person
Client Name

Ms Tracy Anderson
Meglen Maintenance

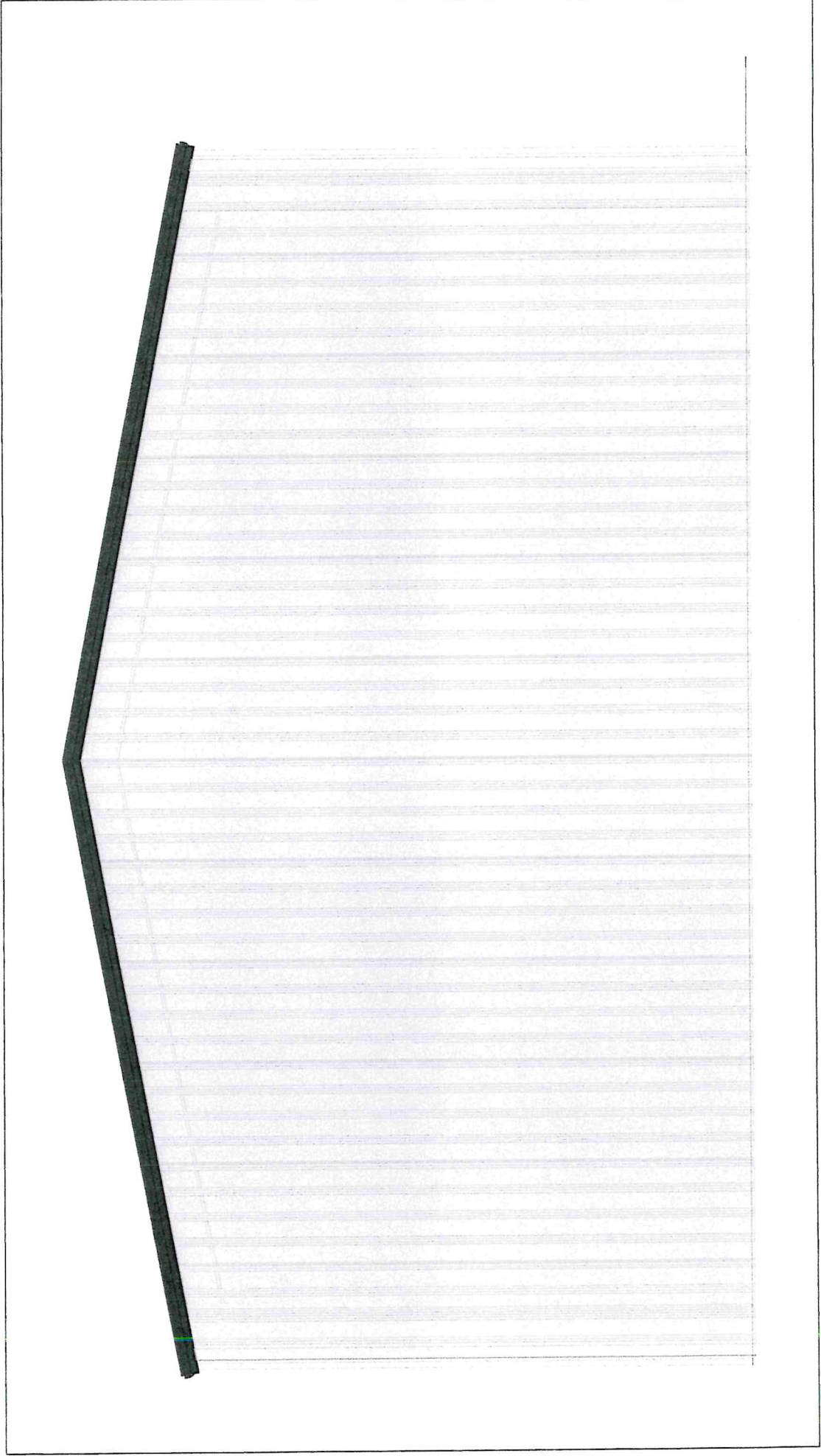
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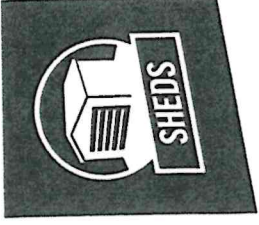
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Design Number
Date

SQ284468
07/06/2023

Customer Signature





Front/Left Isometric View

Job Reference
Sales Person
Client Name

Ms Tracy Anderson
Meglen Maintenance

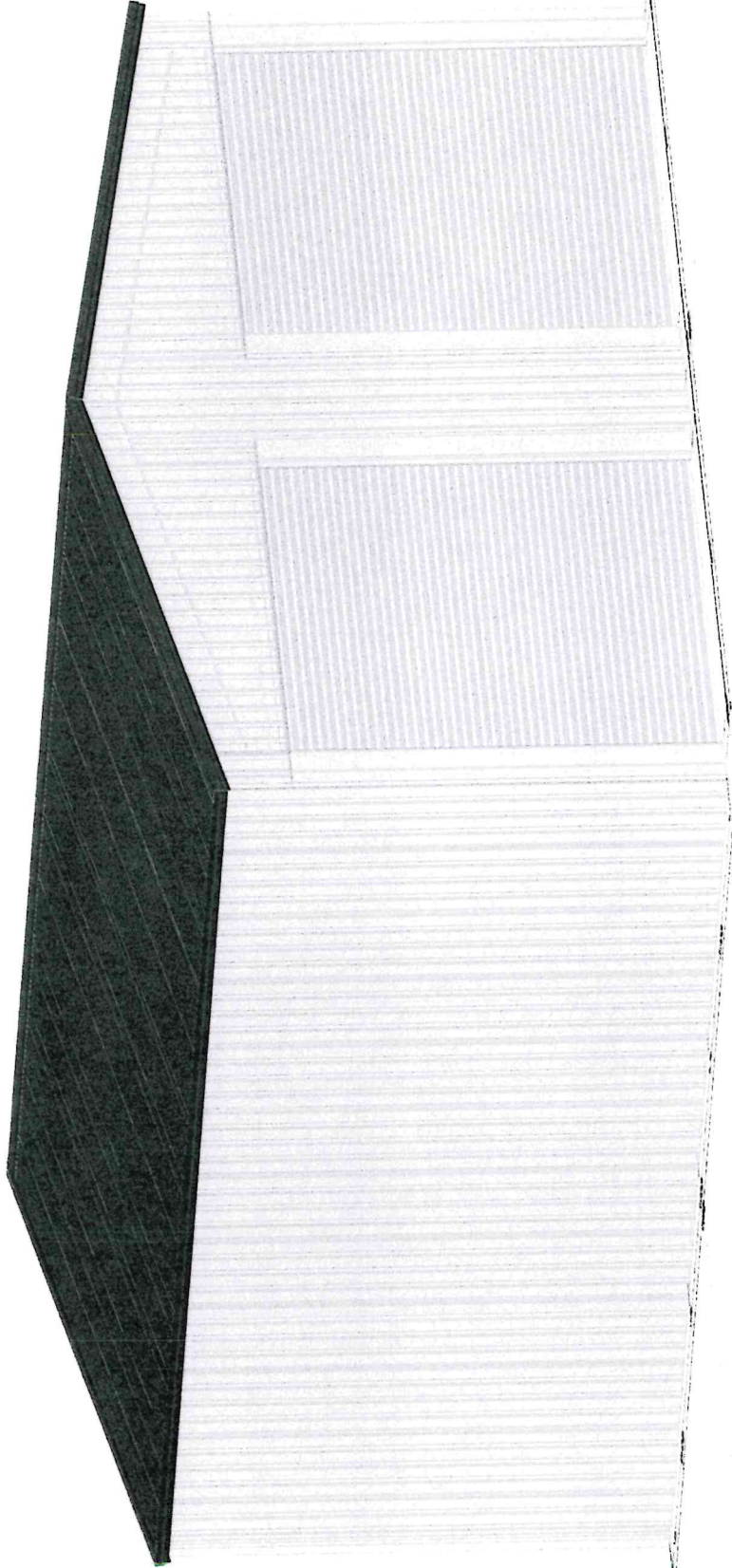
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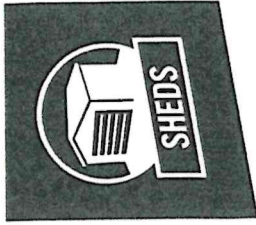
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Design Number
Date

SQ284468
07/06/2023

Customer Signature





Front/Right Isometric View

Job Reference
Sales Person
Client Name

Site Address

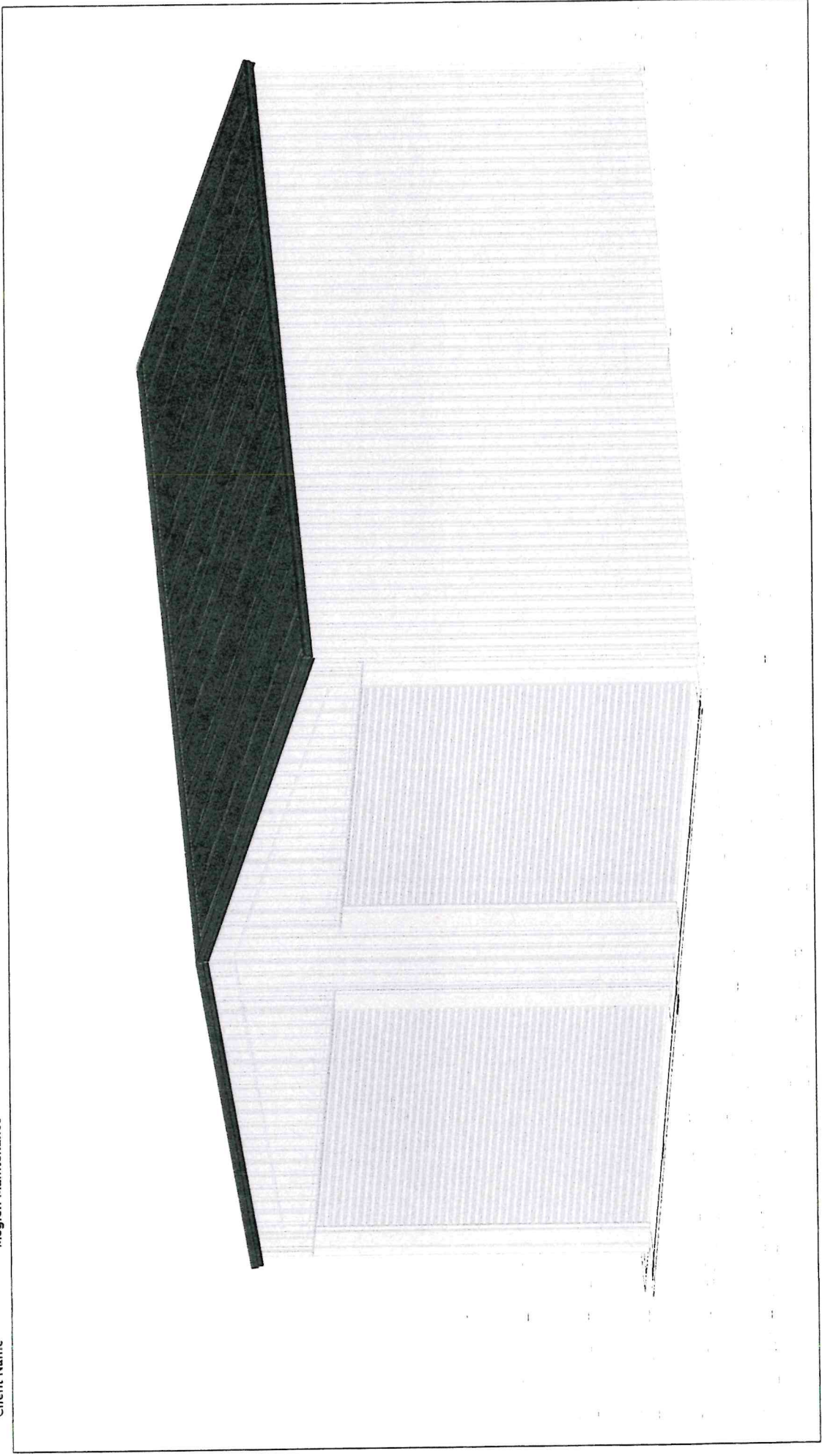
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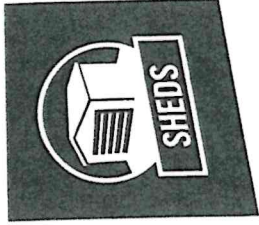
Customer Signature

SQ284468
07/06/2023

Norseman Unknown

Ms Tracy Anderson
Meglen Maintenance





Rear/Left Isometric View

Job Reference
Sales Person
Client Name

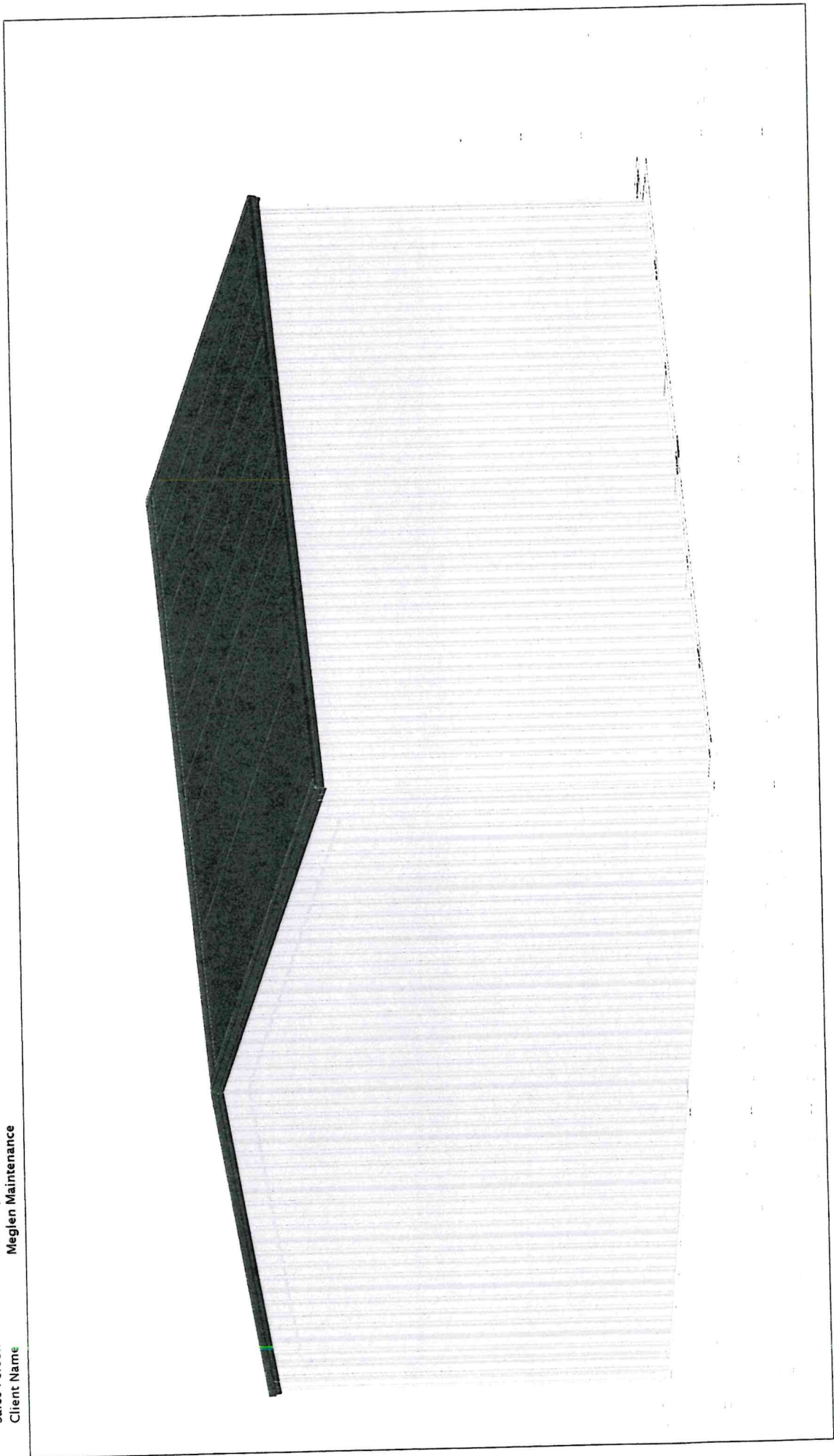
Ms Tracy Anderson
Meglen Maintenance

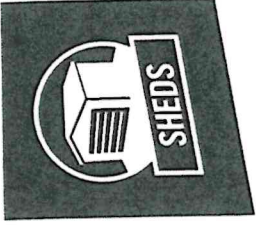
Design Number
Date

SQ284468
07/06/2023

Site Address
Norseman Unknown

Customer Signature





Rear/Right Isometric View

Job Reference
Sales Person
Client Name

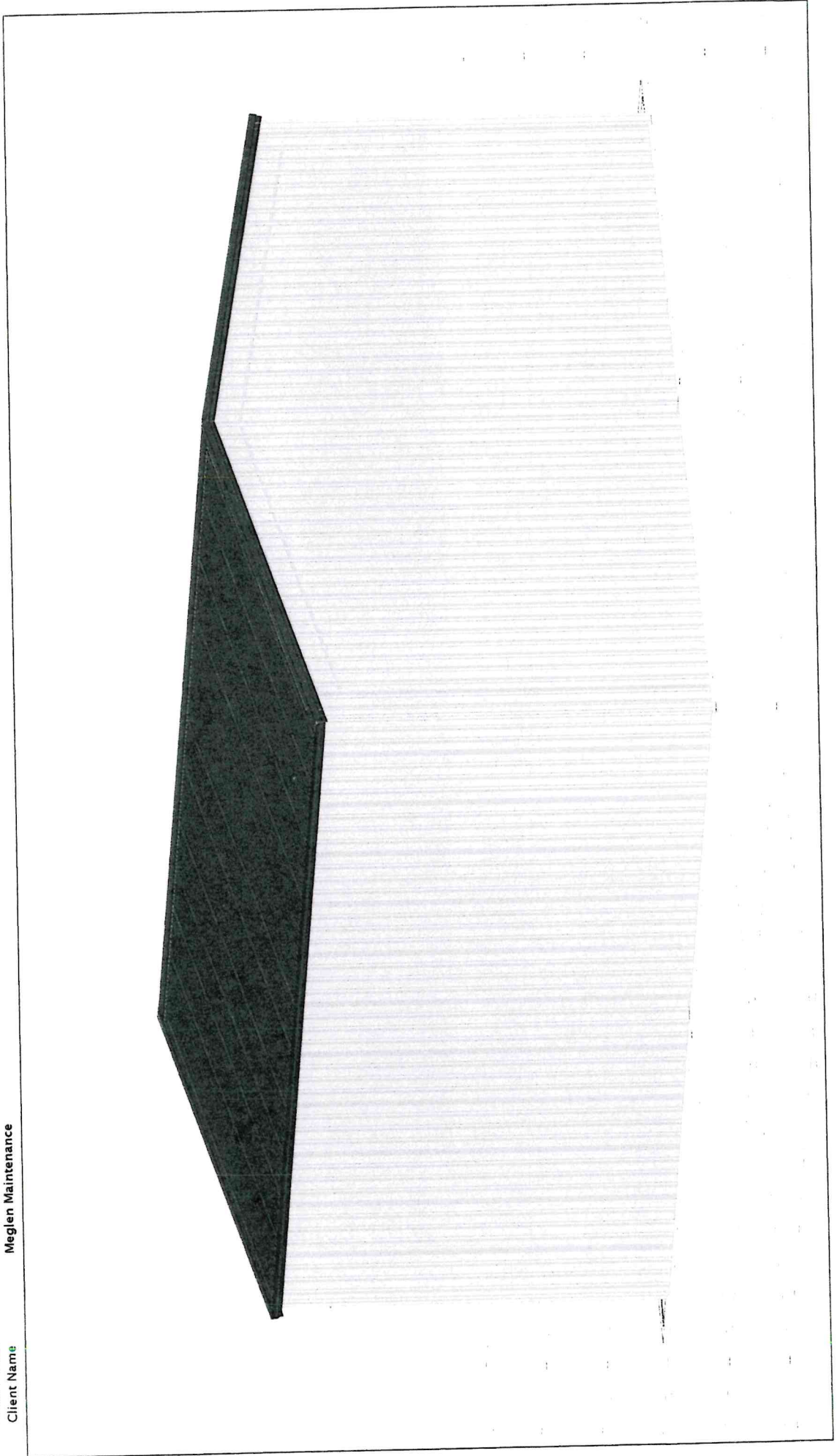
Ms Tracy Anderson
Meglen Maintenance

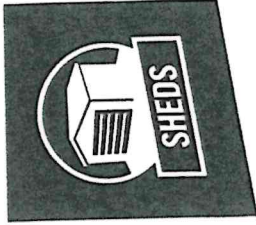
Site Address
Norseman Unknown

Design Number
Date

Customer Signature

SQ284468
07/06/2023





Current View

Job Reference
Sales Person
Client Name

Ms Tracy Anderson
Meglen Maintenance

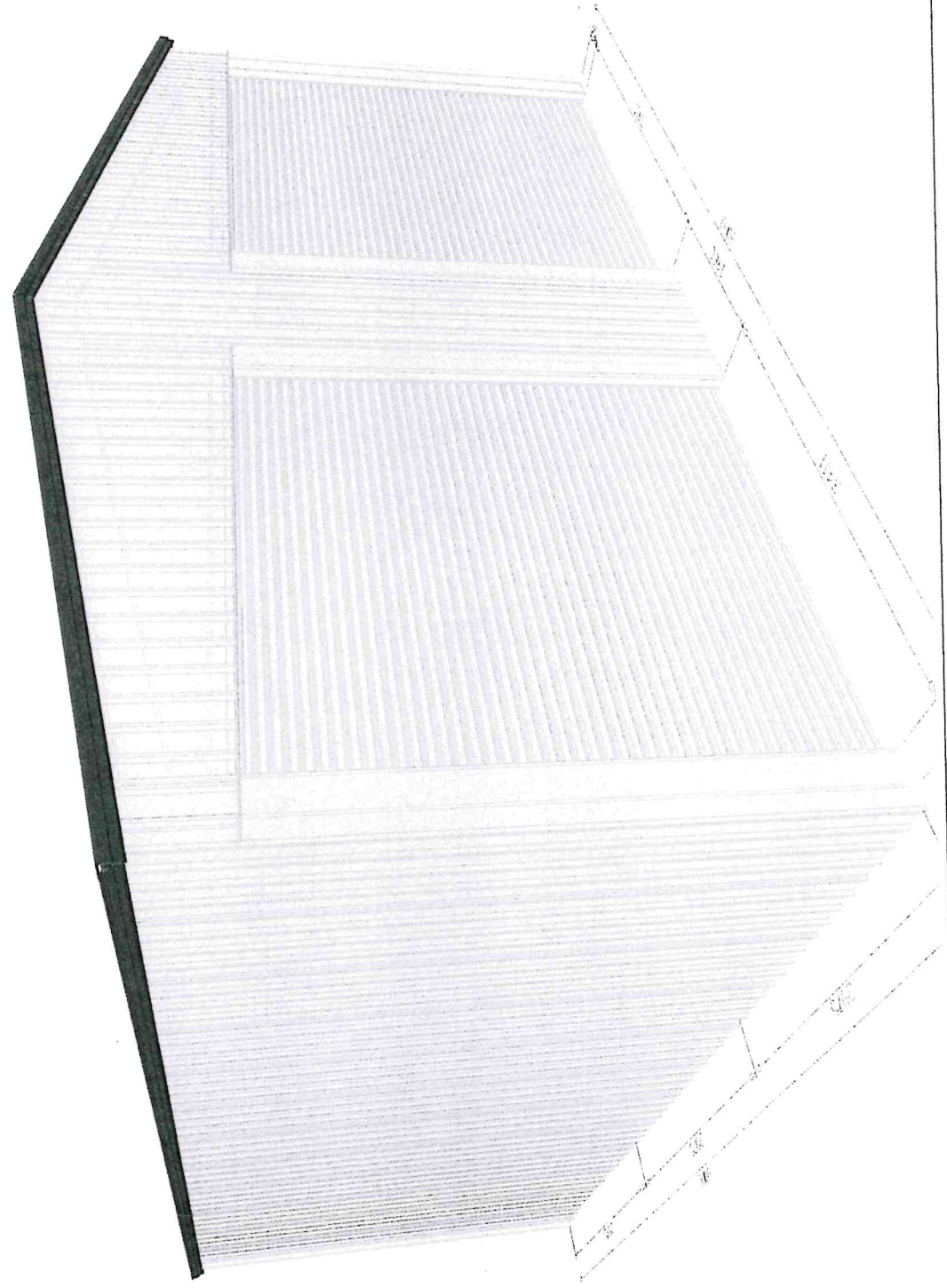
Site Address

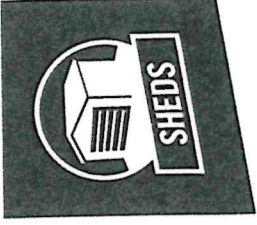
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Design Number
Date

SQ284468
07/06/2023

Customer Signature





Purlin Punching Layout

Job Reference
Sales Person
Client Name

Ms Tracy Anderson
Meglen Maintenance

Site Address

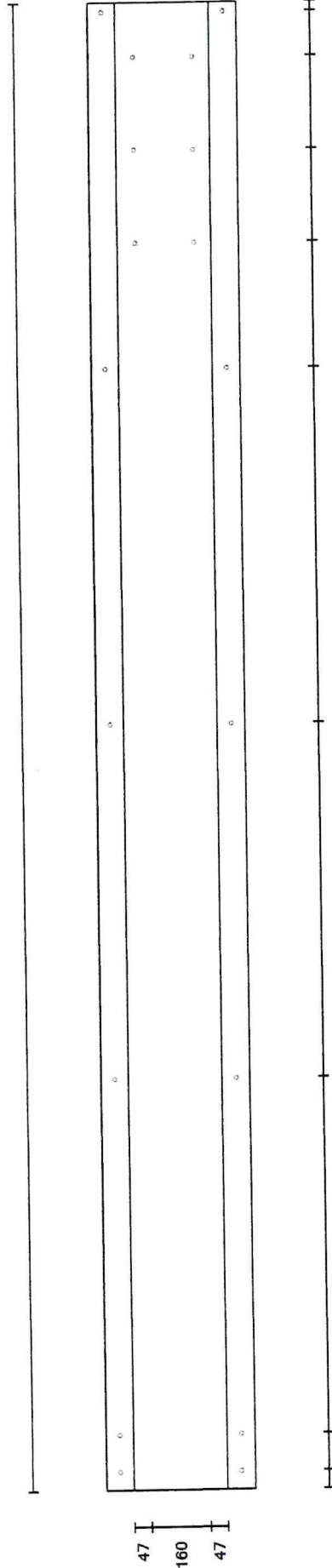
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Design Number
Date

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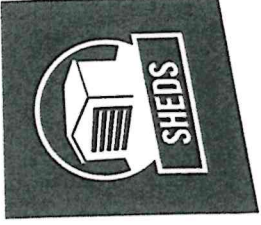
GABLE HOMESHED COLUMN 1.9 250



Length: 4015

Quantity: 4

Punching List => 50, 150, 1110, 2070, 3030, 3369, 3619, 3869, 3990 ... End of Punching List



Purlin Punching Layout

Job Reference
Sales Person
Client Name

Ms Tracy Anderson
Meglen Maintenance

Site Address

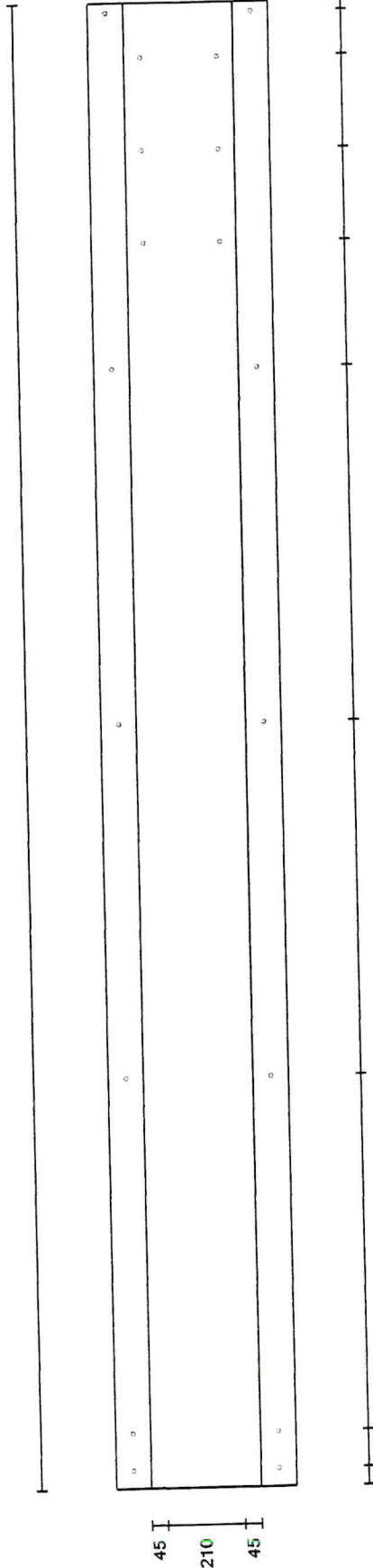
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Design Number
Date

SQ284468
07/06/2023

Customer Signature

GABLE HOMESHED COLUMN 2.4 300



Length: 4015

Quantity: 4

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Purlin Punching Layout

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Site Address

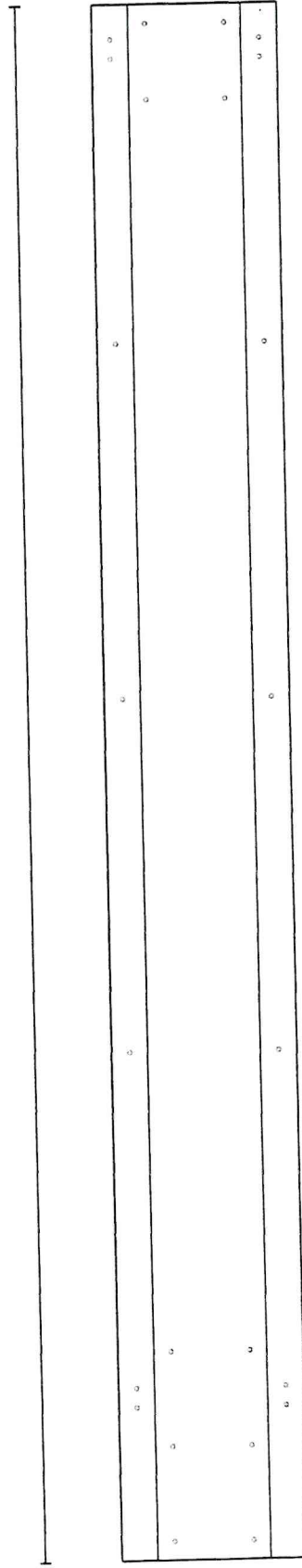
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Design Number
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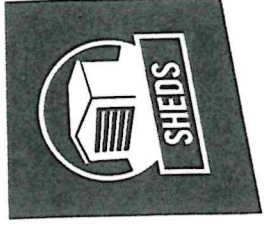
GABLE HOMESHED RAFTER 2.4 300



Length: 4102

Quantity: 4

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Purlin Punching Layout

Job Reference
Sales Person
Client Name

Ms Tracy Anderson
Meglen Maintenance

Site Address

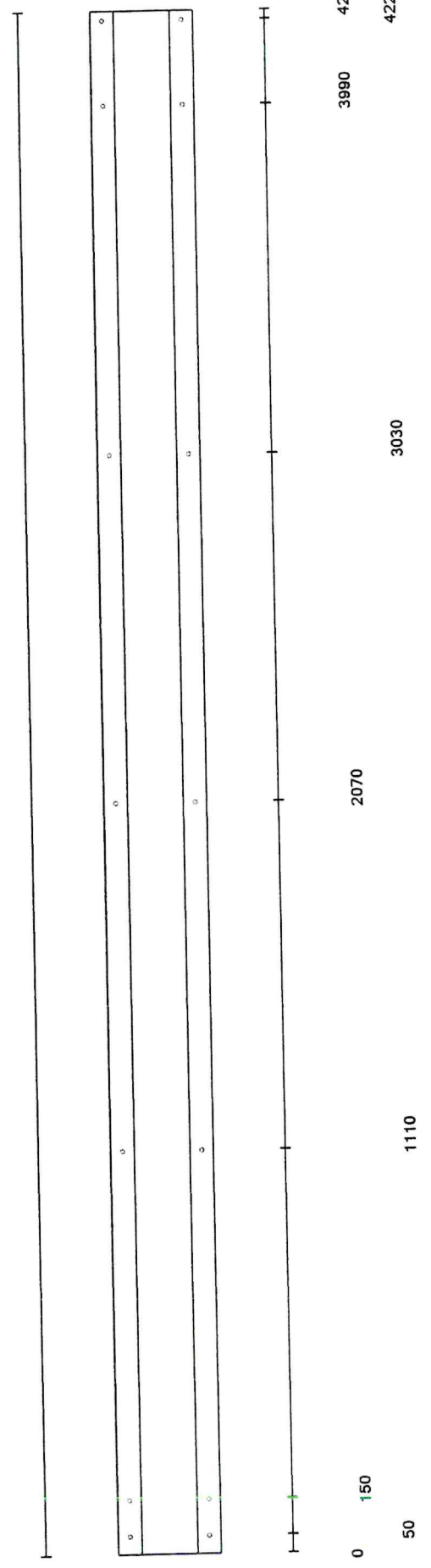
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Design Number
Date

SQ284468
07/06/2023

Customer Signature

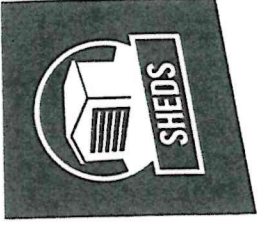
GABLE HOMESHED END COLUMN 1.5 150



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Quantity: 2

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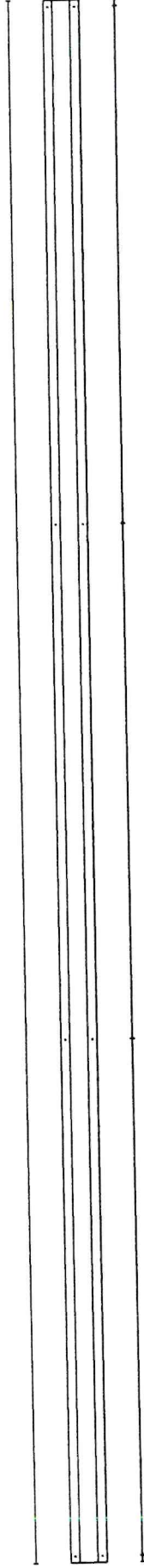
Purlin Punching Layout

Job Reference	Site Address	Norseman Unknown	Design Number	Customer Signature
Sales Person			Date	
Client Name				

Ms Tracy Anderson
Meglen Maintenance

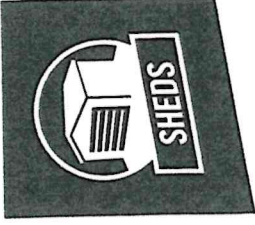
SQ284468
07/06/2023

GHS PURLIN/GIRT 1.0 100



0	3012	8962
38	5987	9000

Length: 9000
 Quantity: 24
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Purlin Punching Layout

Job Reference
Sales Person
Client Name

Ms Tracy Anderson
Meglen Maintenance

Site Address

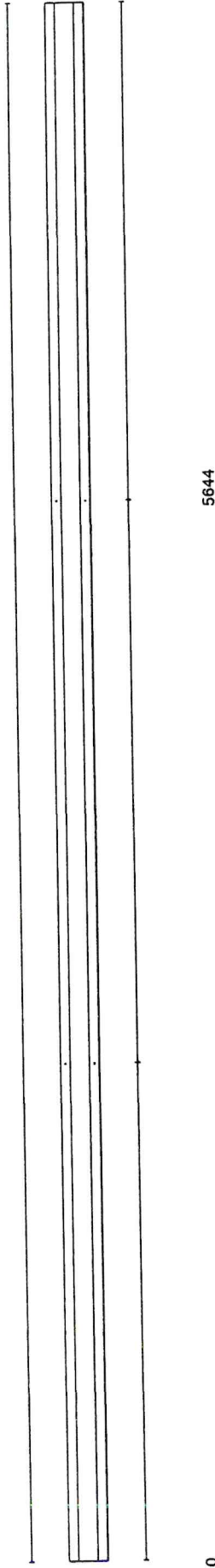
Norseman Unknown

Design Number
Date

SQ284468
07/06/2023

Customer Signature

GHS PURLIN/GIRT 1.0 100



0

2644

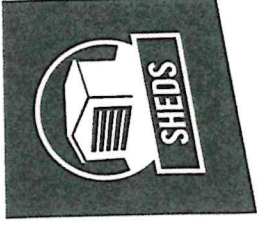
5644

8288

Length: 8288

Quantity: 4

Punching List => 2644, 5644 ... End of Punching List



Purlin Punching Layout

Job Reference
Sales Person
Client Name

Ms Tracy Anderson
Meglen Maintenance

Site Address

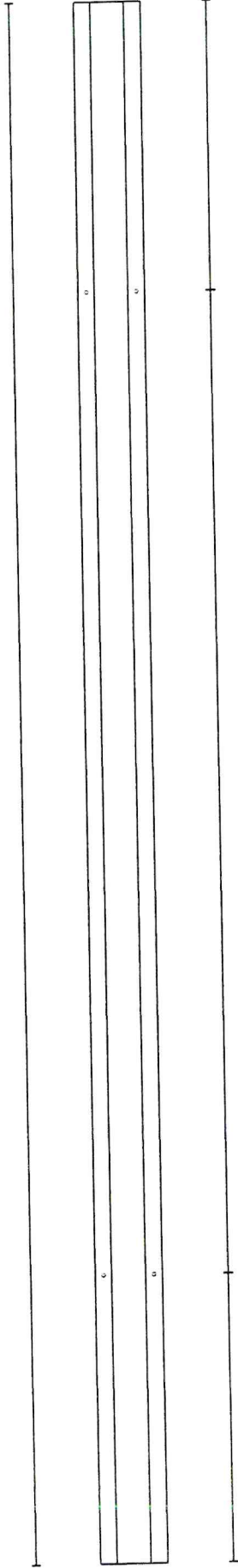
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Design Number
Date

SQ284468
07/06/2023

Customer Signature

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3880

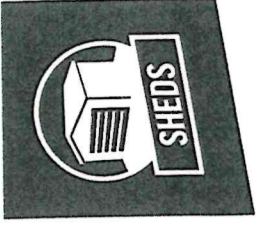
4761

880

Length: 4761

Quantity: 1

Punching List => 880, 3880 ... End of Punching List



Purlin Punching Layout

Job Reference
Sales Person
Client Name

Ms Tracy Anderson
Meglen Maintenance

Site Address

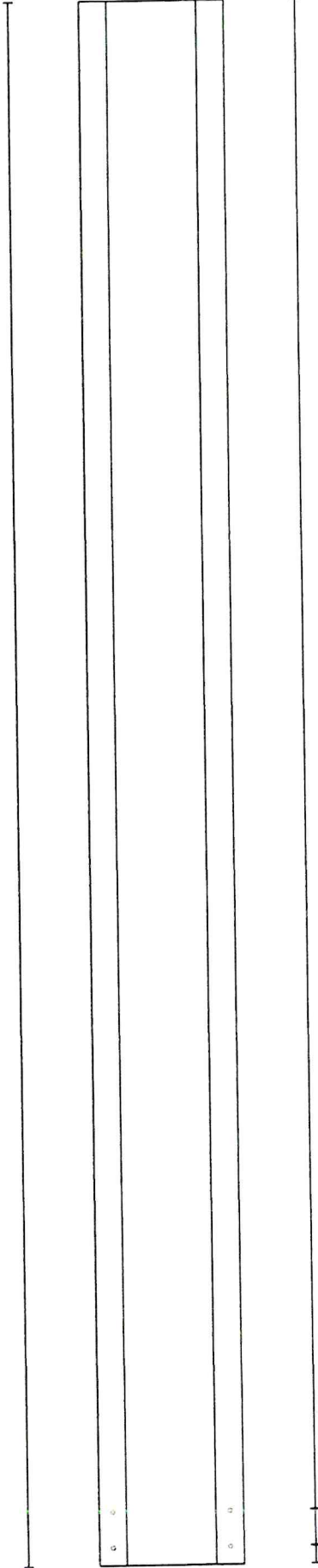
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Design Number
Date

SQ284468
07/06/2023

Customer Signature

GABLE H/SHED INT COLUMN 1.9 250



0 150

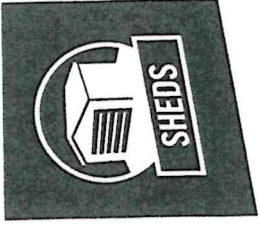
50

4353

Length: 4353

Quantity: 2

Punching List => 50, 150 ... End of Punching List



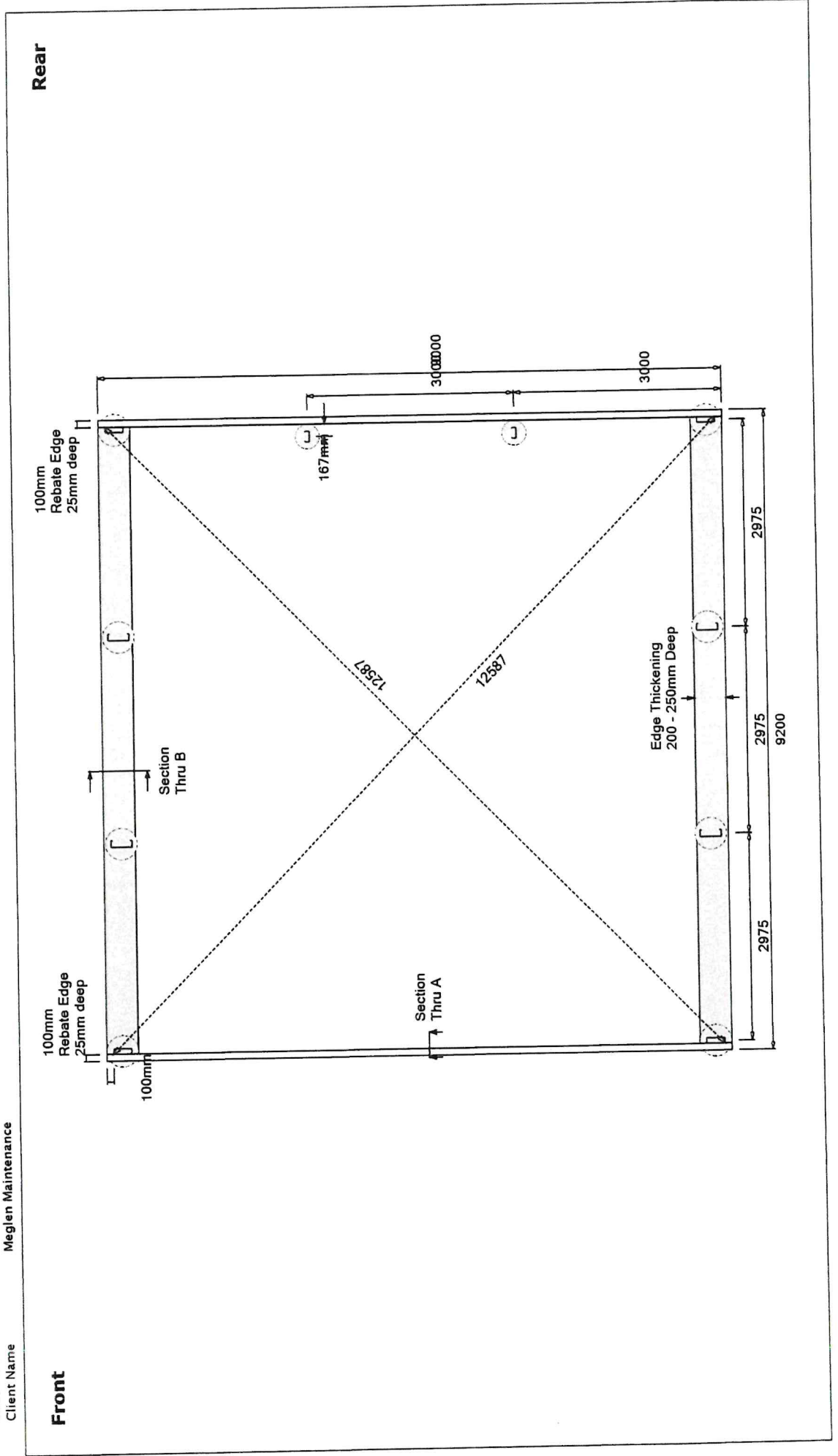
Slab Layout

Job Reference
 Sales Person
 Client Name

Ms Tracy Anderson
 Meglen Maintenance

Site Address
 Norseman Unknown
 Design Number
 Date
 Customer Signature

SQ284468
 07/06/2023



Customer Signature

SQ284468
07/06/2023

Design Number
Date

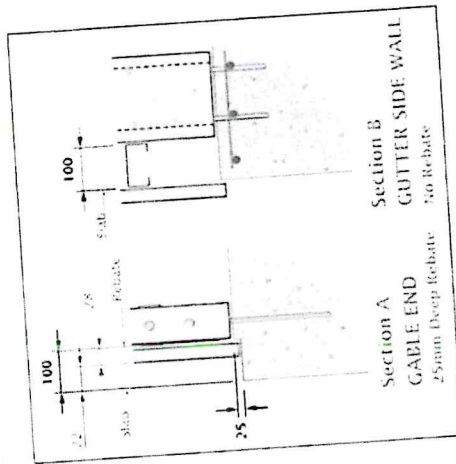
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Site Address

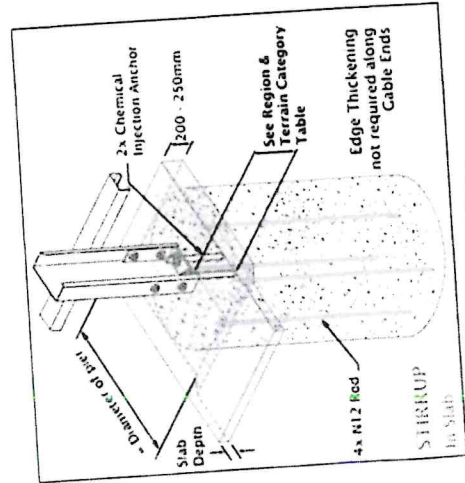
Slab Layout

Job Reference
Sales Person
Client Name

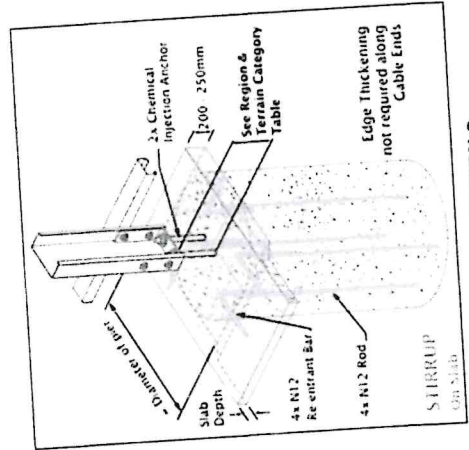
Ms Tracy Anderson
Meglen Maintenance



SLAB REBATE DETAIL



STIRRUP IN SLAB - OPTION 1



STIRRUP ON SLAB - OPTION 2