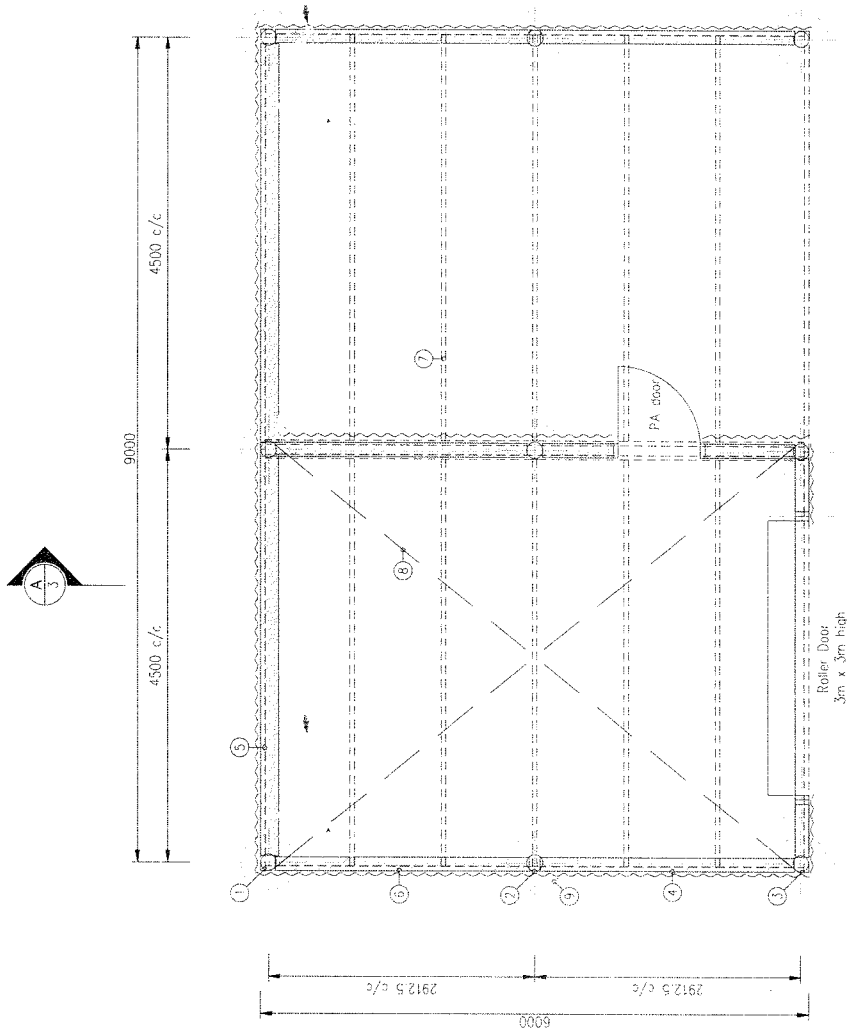




Plan View
Scale 1:100 at A3



Notes:

1. Purlins @ 1000 c/s max. Girts @ 1100 c/s max.
2. Single rafters to each end.
3. Roof plane bracing: Lumberlok Multi-Brace or Prydo Max. Strap fixed to purlins and rafters with 12/30x3 15g nails each end and two nails to each intermediate purlin.
4. All framing (timber SGB unless otherwise specified).

No.	Item	Size	No.	Item	Size
1	Rear poles	Ø175 SCD	7	Purlins	200x50
2	Centre poles	Ø175 SCD	8	Roof plane bracing	Ref note
3	Front poles	Ø175 SCD	9	Concrete footings	6000
4	Rafters	2/200x50			
5	Rear girts	200x50			
6	Side girts	150x50			

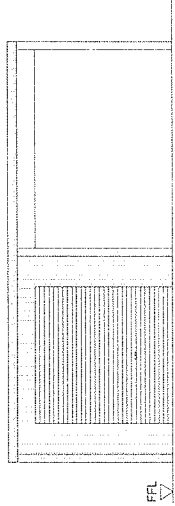
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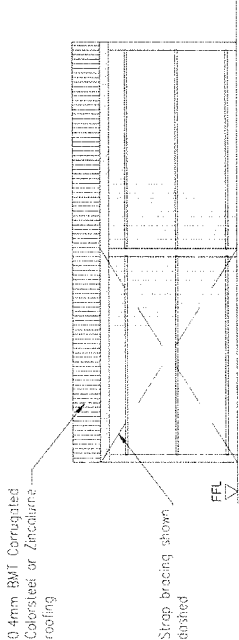


Standard Lean-To Plan Layout

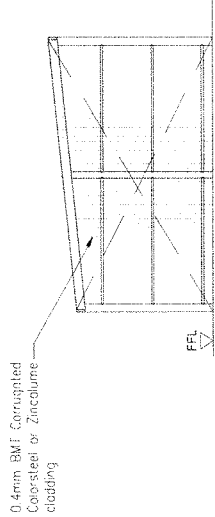
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A Elevation
1:100 of A3



B Elevation
1:100 of A3

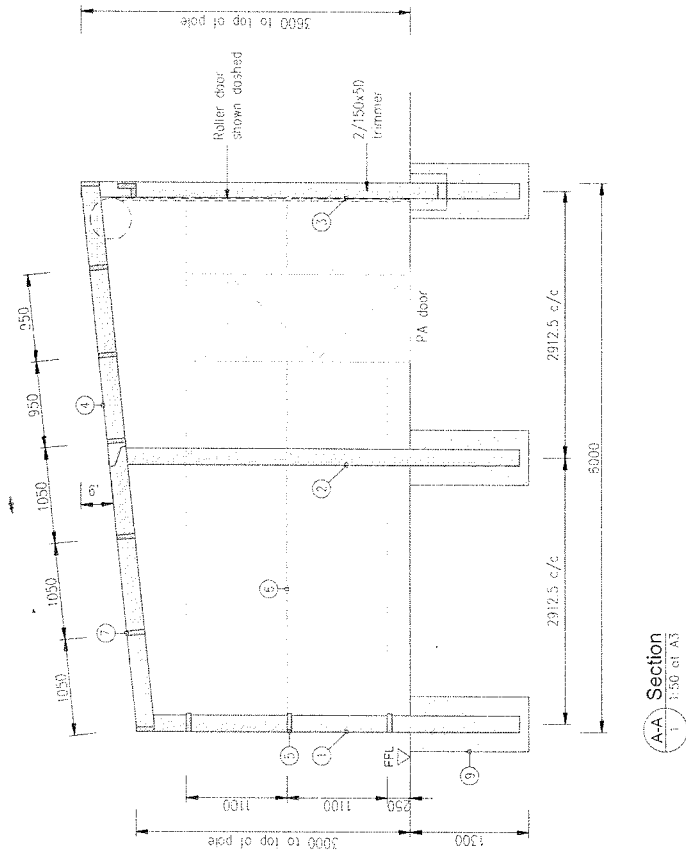


C Elevation
1:100 of A3

Notes

1. Wall Bracing: Lumberlok Strip Brace or Pryda Strip Brace fixed to girts with 12/30x3.156 nails each end and two nails to each intermediate girt.
2. All cladding/roofing to be fixed in accordance with manufacturers specifications.





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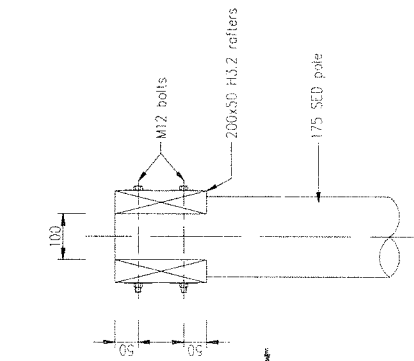


Standard Lean-To Section A-A

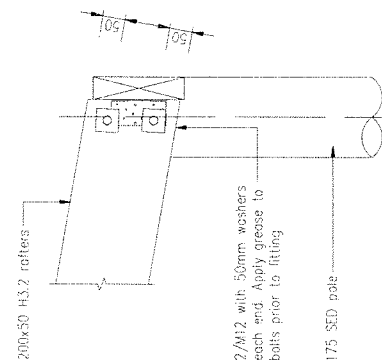
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L.H.T. 2016/05/16

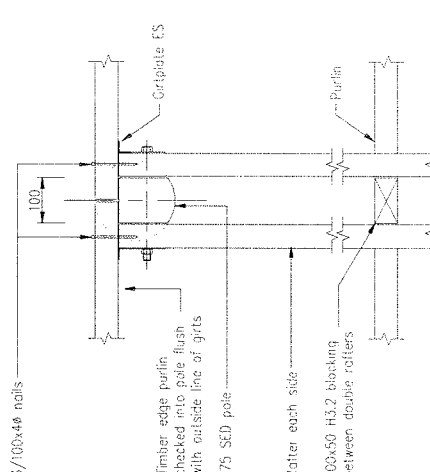
Sheet 3 of 7



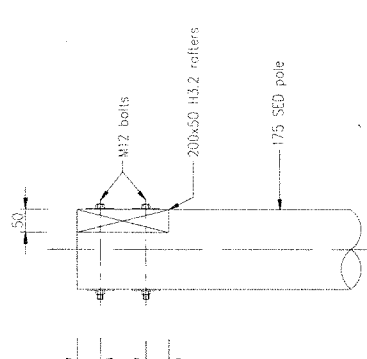
Detail - Double Rafter To Pole - Section
1:10 at A3



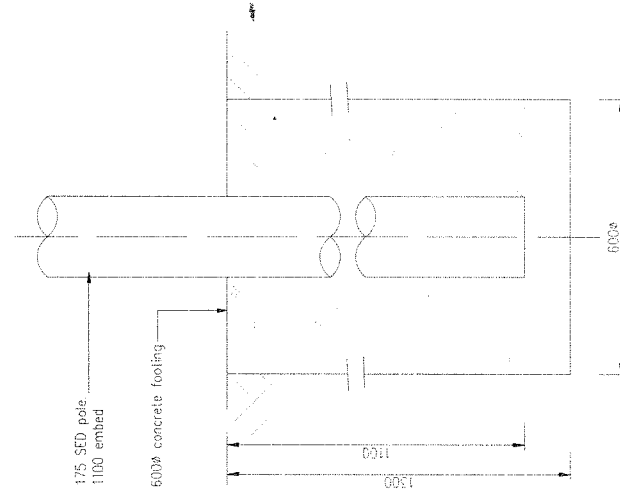
Detail - Rafter To Pole Fixing
1:10 at A3



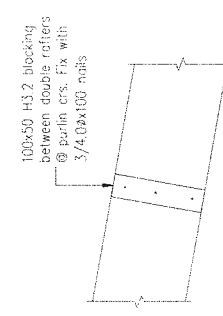
Detail - Double Rafter To Pole - Plan
1:10 at A3



Detail - Outer Rafter To Pole
1:10 at A3



Pole Footing Detail
1:10 at A3



Detail - Solid Blocking
1:10 at A3

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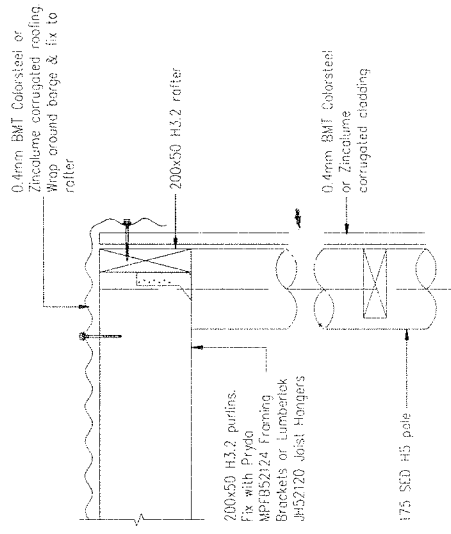
LHT DESIGN
Sheet 4 of 7

Standard Lean-To Details 1 of 3

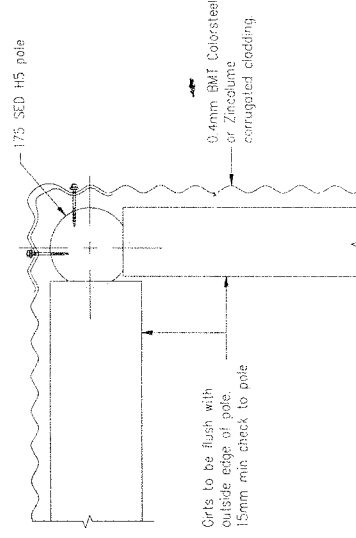
STRONGBUILT
BUILT TOUGH STAND TOUGH

GOLDPINE

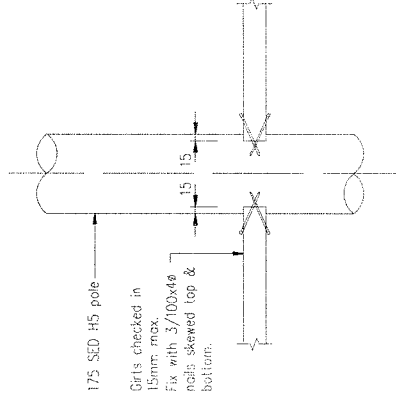
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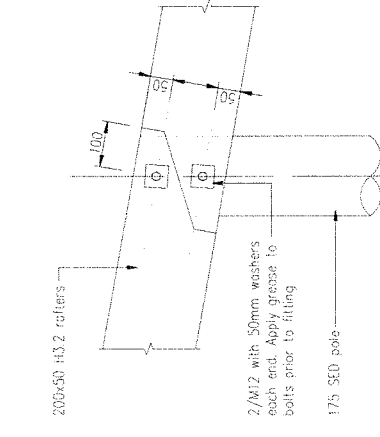
Detail - Barge & Purlin Fixing
1:10 at A3



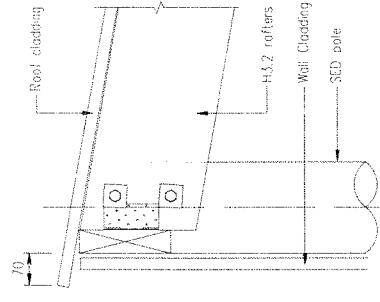
Plan Detail - Girt Fixing At Corner
1:10 at A3



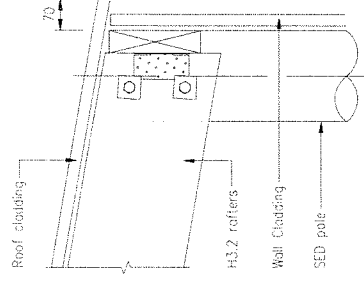
Detail - Girt To Pole Fixing
1:10 at A3



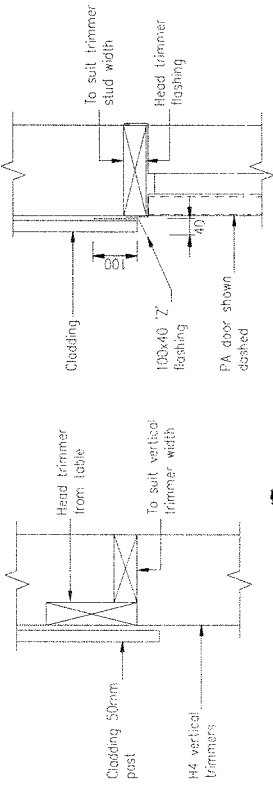
Detail - Rafter Splice
1:10 at A3



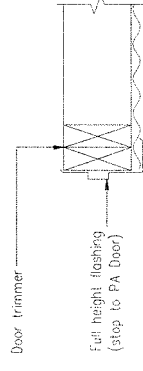
Detail - Lean To Apex Detail
1:10 at A3



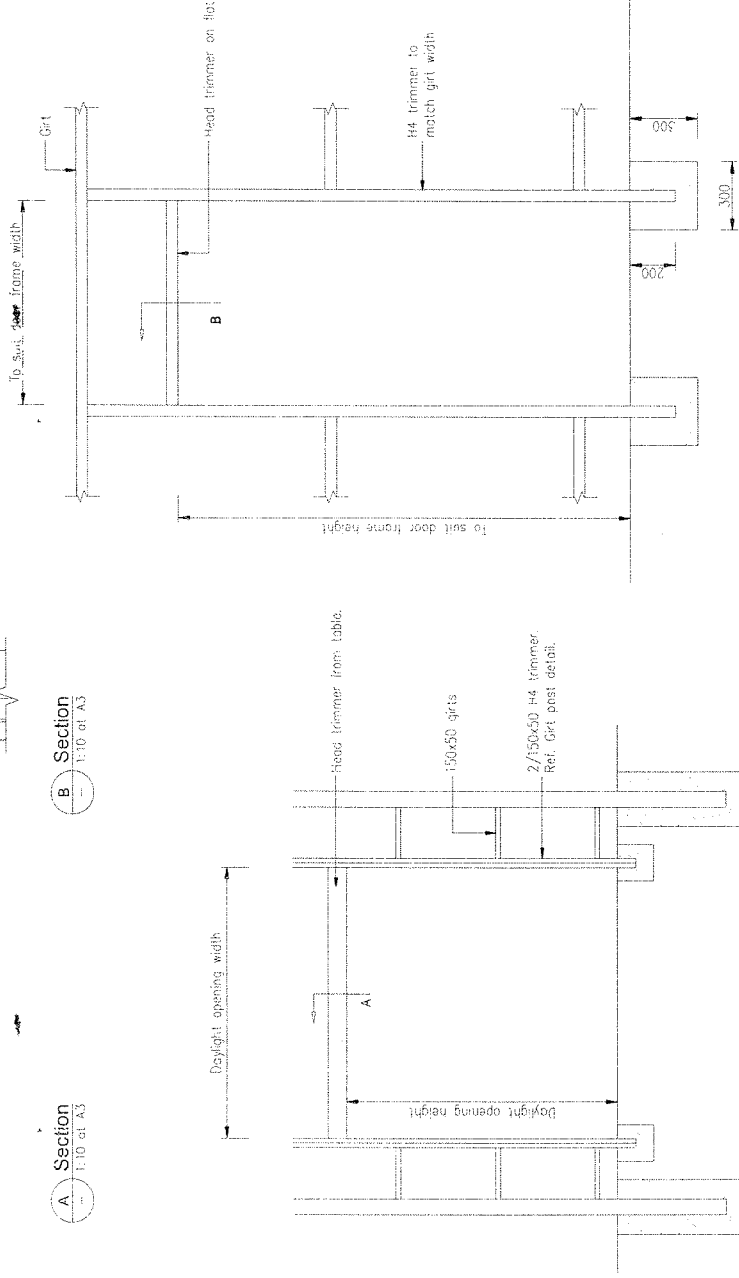
Detail - Eaves Cladding Detail
1:10 at A3



Span	Door Head Trimmer Sizes
0m-2m	150x50 H3.2
2m-3m	200x50 H3.2
3m-4m	250x50 H3.2
4m-5m	300x50 H3.2



Detail - Typical Jamb Flashing
1:20 at A3



Detail - Roller/Sectional Door Framing
1:50 at A3

Detail - Girt Post
1:10 at A3

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Standard Lean-To Details 3 of 3

2B0363006DRDPAVH

SPECIFICATION NOTES

1 Scope

It should be noted that this is a material specification only and that in regard to workmanship, accuracy and quality the requirements of the New Zealand Building Code and appropriate New Zealand Standards apply.

2 Loads

The building is designed to the following criteria:

Loadings in accordance with ANZS1170 and a "Very High" wind speed in accordance with NZS 3604.

Importance level type 1 (ANZS1170) building, therefore non residential.

Snow loading $S_g = 1.0 \text{ kPa}$.

3 Site/Soils

The soil must be "Good Ground" as defined in NZS3604. This shall have a minimum ultimate bearing capacity of 300 Kpa. This needs to be confirmed during construction.

If there is any doubt as to the adequacy of the subsoils a suitably qualified person must be consulted and his/her instructions implemented prior to continuing construction.

Footing depth shall be taken from natural ground level and excludes any uncertified fill.

4 Concrete

All concrete shall develop minimum 28 day cylinder strength of 17.5MPa

5 Timber

All timber used is to be in accordance with the 50 years durability performance of NZS 3602 and at least of the following types and qualities: -

Structural grade S68 Radiata Pine.

All round timber to be Goldpine High density. Treated H5.

All sawn timber treated H3.2

Grading is to be NZS 3631 or NZS 3618.

All dimensions referred to are to be rough sawn timber.

For allowable moisture content refer Table 4, NZS 3602

All LVL timber treated H3.1 LOSP. Carter Holt Harvey hySPAN LVL11 is to be used unless otherwise stated.

6 Cladding

Supply and fit 0.40mm "Zincalume" or "Colorsteel" corrugated profile cladding to the new building, all as shown in accordance with the manufacturer's specification.

Provide and fix 0.55 "Zincalume" or "Colorsteel" flashings. Flash the ridge, parapets, barges, gutters, etc. all as shown and as required to properly finish and weatherproof all roofs and metal clad walls.

Flash all sides of all doors, building junctions, etc. to completely weatherproof the detail. Take care to only use like metals in contact or close proximity.

7 Hardware

For proprietary fixings, brackets etc use Mitek Lumberlok / Pryda products or equivalent. Consult engineer if use of another manufacturers product, other than Mitek or Pryda, is desired. Grade 304 or 316 stainless steel fixings and fasteners shall be used except in "sheltered" locations (open to the air, but not rain washed). In zones B and C. In those situations the fixings may comprise galvanised steel. In zone D use Grade 304 or 316 stainless steel fixings and fastenings. In geothermal areas all fixings require SED, as described in section 4 of NZS3604

8 Reference Documents

Throughout this specification, reference is made to various New Zealand Building Code Compliance Documents, acceptable solutions and verification methods for criteria and/or methods used to establish compliance with the New Zealand Building Code. Reference is made to various New Zealand standards. The latest edition of these standards (including amendment and provisional editions) at the date of this specification applies.

It is the responsibility of the contractor to be familiar with the materials and expert in the techniques quoted in these publications. Documents cited both directly and within cited publications are deemed to form part of this specification.

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Specification Notes

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