

Specifications of Proposed Garage at 250 Queen Victoria Street, Motueka.

Proposal. To erect on bare section, a four bay garage with internal dimensions of 12 meters by 7 meters with a stud height of 2.4 meters. The roof is to be galvanized iron and the walls to be a combination of bricks up to approximately 1.5 meters in height with Hardy board up to the soffit line with slash plaster finish. Four tilta doors constructed out of aluminium will be used. One side entrance man door will be on the northern side of the building.

Construction details.

Framing will be 100mm by 50mm rough sawn Douglas Fir timber with diagonal bracing in the side and rear walls. Plywood board will be used as bracing sheets on framing between doorways at front of building.

Trusses will be designed and built by ITM Building Connexion.

The design certificate and plan are enclosed. Purlins 100 x 50mm.

A concrete ring type foundation will be poured for the framing to sit on. The floor areas within the shed will be completed as the owner can afford to. In the mean time a shingle base will be used. The concrete floor will be poured in four different sections, each section being connected to the other by 12mm reinforcing rod and also to the outside ring foundation.

The concrete ring type foundation will have 12mm reinforcing and the strength of this concrete will be at least 17.5mpa. The dimensions of the ring foundation will be a minimum of 250mm wide and 300mm deep. The floor pads when poured will be a minimum of 100mm deep.

Water run off from the roof will be by plastic spouting front and rear of the building into two soak pits on the northern end of the building.

The window on the north side of the building will be of wooden construction and will be fitted with the required flashings.

Flashings will be used in all other areas required.

TRUSS DESIGN CRITERIA

Customer name : DOWLER HORRELL

Site address :

DESIGN CRITERIA

Roofing - Corrugated Iron
Ceiling - Nil-Residential
Top chord restraints - 900 mm
Bottom chord restraints - 1800 mm
Standard truss spacing - 1200 mm
Standard roof pitch - 12.00 deg

Design wind speed - 40 m/s
Region - n/a
Terrain category - n/a
Height of Structure - 3 m
Shielding Classification - n/a
Topographic Classification - n/a
Internal pressure coefficient - 0.3
Snow Load (U.L.S.) - 128 Pa

The truss designs for this job have been determined using computer software provided by the Technical Division within Pryda Truss Systems. These designs are in accordance with sound and widely accepted engineering principles and comply with the following New Zealand Standards:-

NZ4203 : 1992 General Structural Design and Design Loadings for Buildings
3603 : 1993 Timber Design
1649 : 1974 Determination of Basic Working Loads for
Metal Fasteners for Timber

These trusses shall be installed, connected and braced in accordance with the recommendations given in :-

AS4440-1997 Installation of nailplated timber trusses.

We confirm that the trusses for this project have been manufactured in accordance with the fabrication specifications provided by Pryda Truss Systems

Signed : Jon W. Gellie
Date : 11.4.02

7200

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	1215		1215		1215		1215		1218

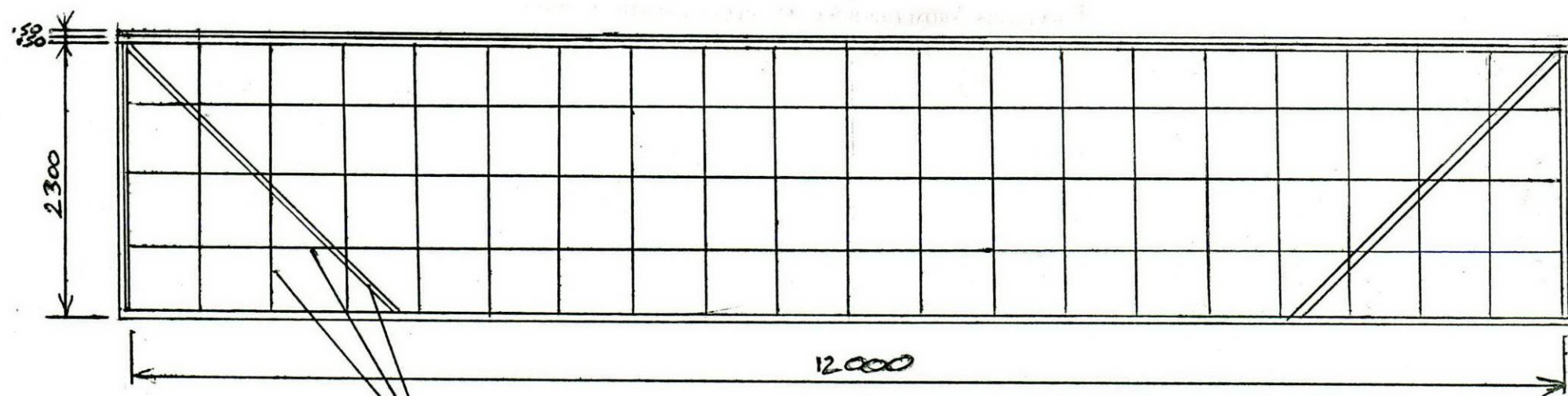
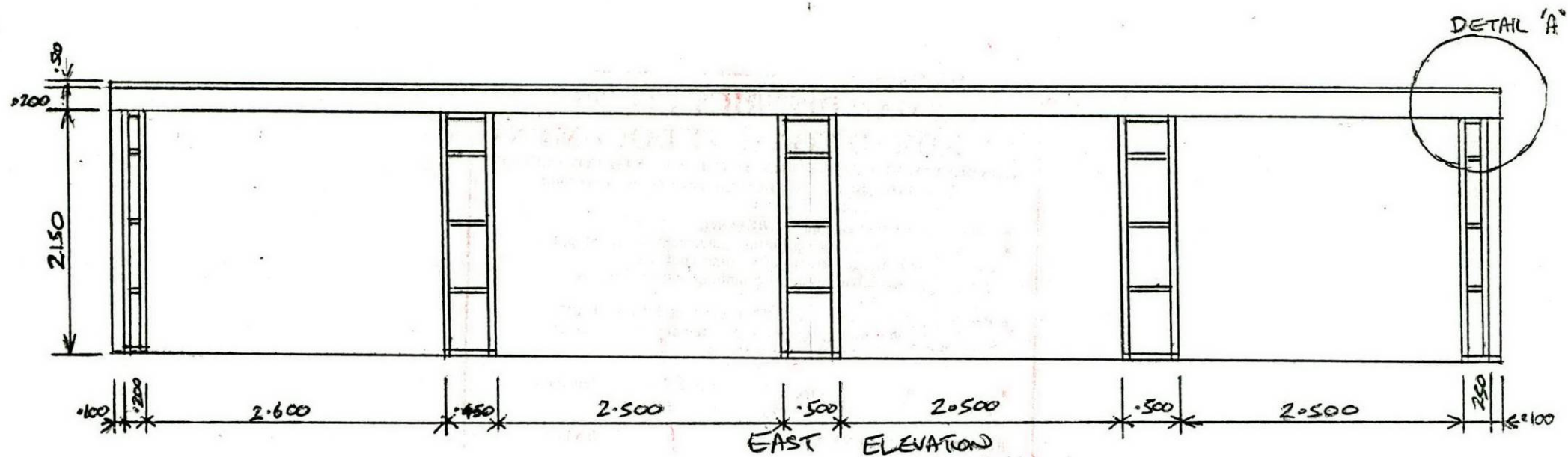
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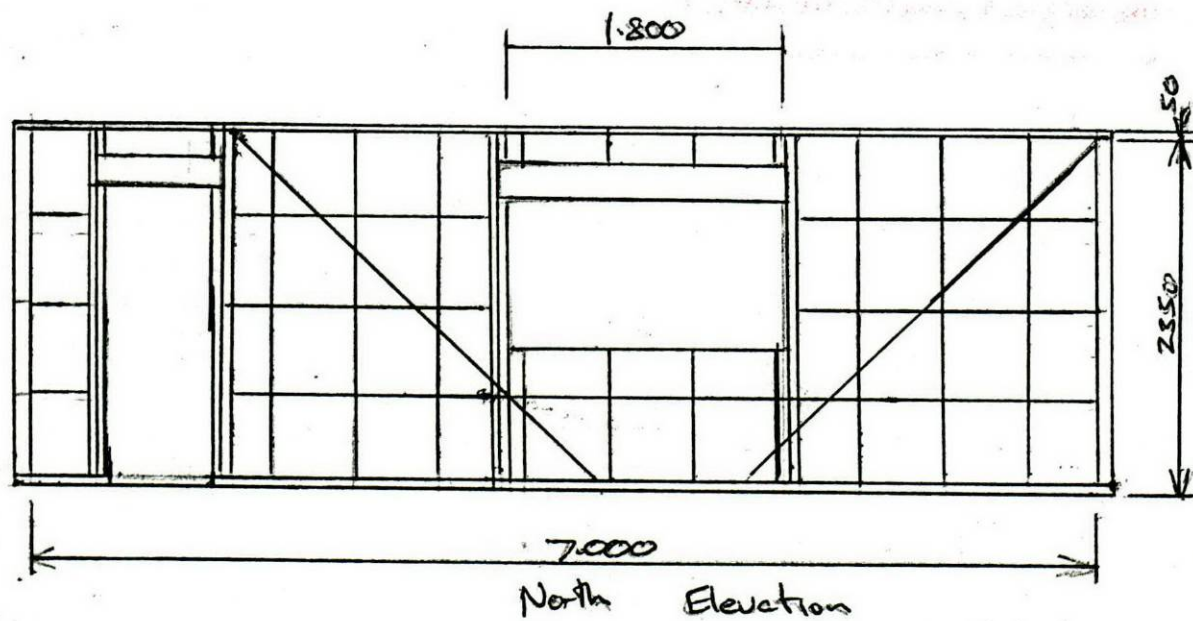
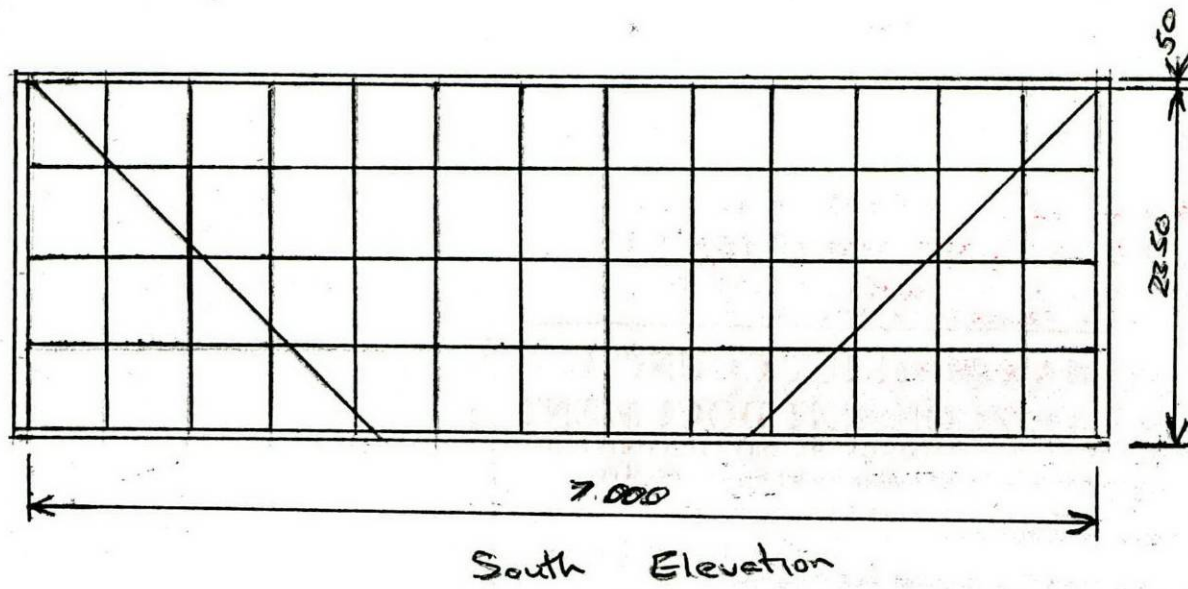
Customer : DOWLER HORRELL
Site Address :
:

Roofing: Corrugated Iron
Pitch : 12.00 deg
Spacing: 1200 mm
Design Wind Velocity: 40.00 (m/s)

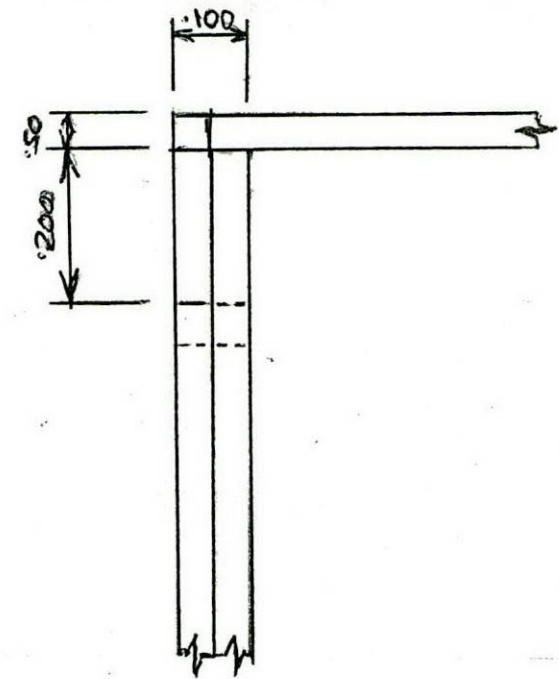
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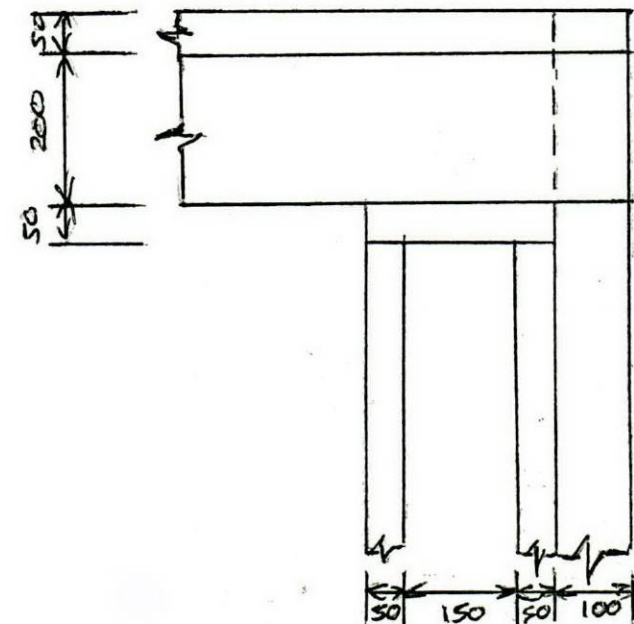
400 x .50 studs,
diaphragms and 45° bracing

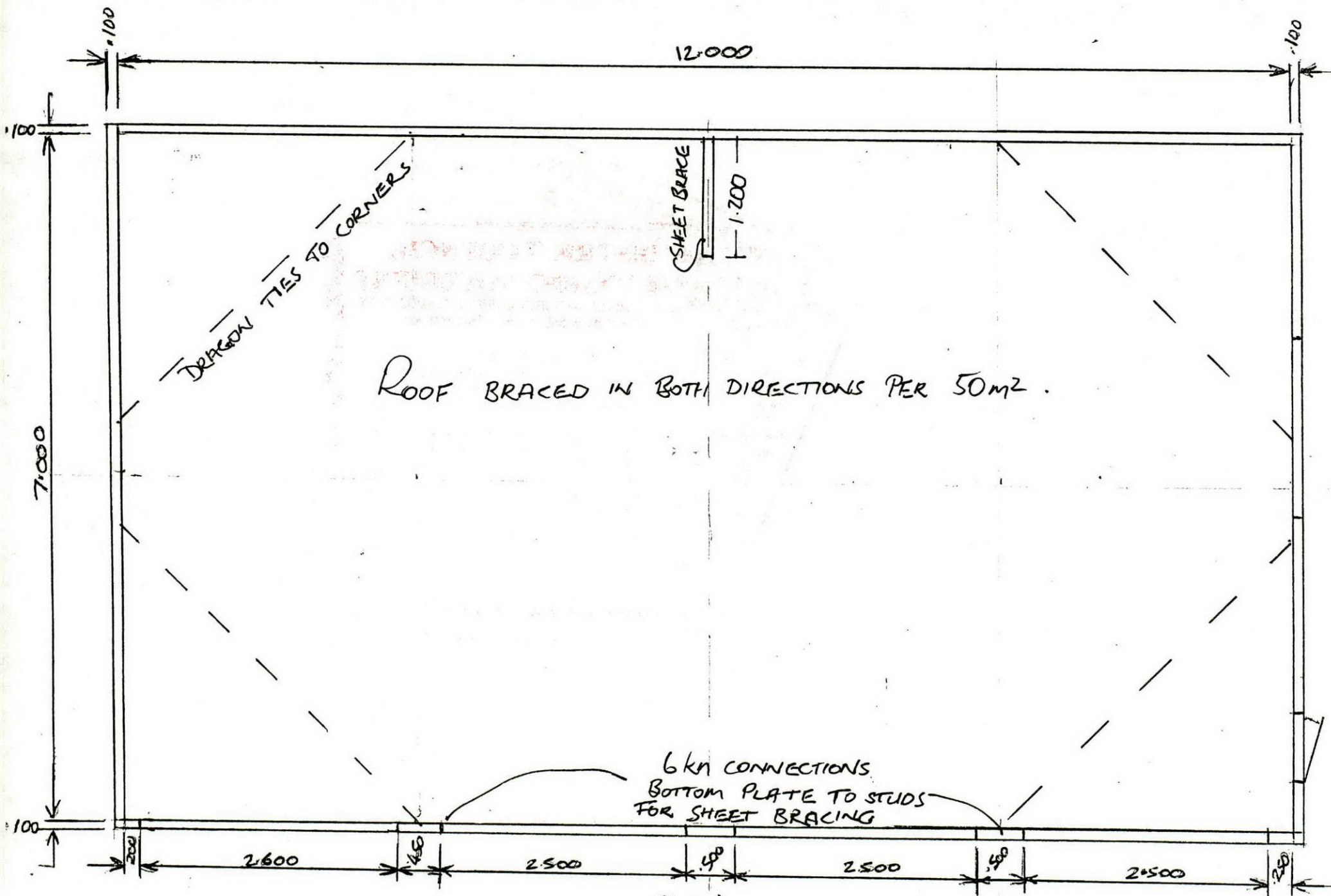


SCALE 1:50



SCALE 1:10

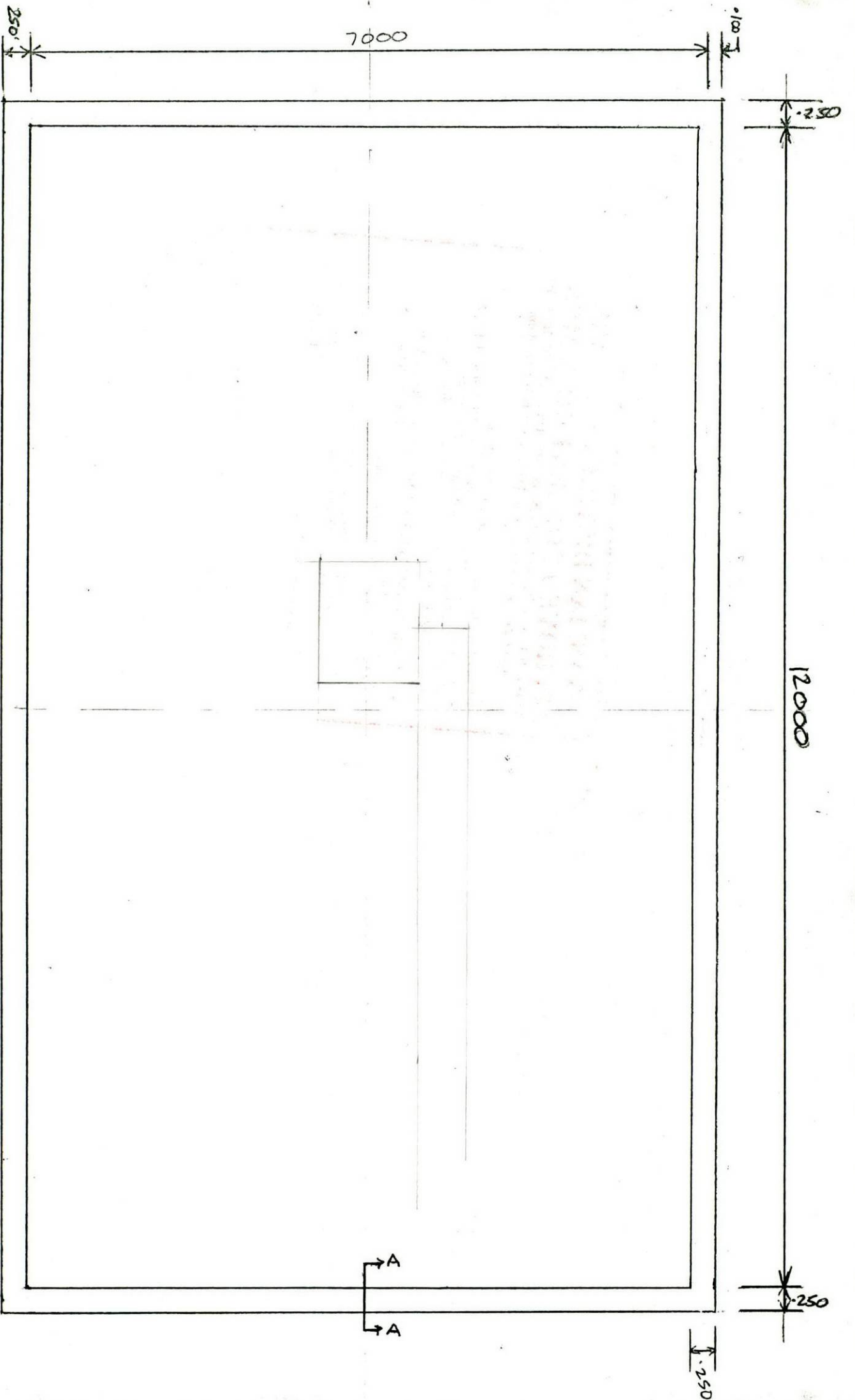




PLAN

PROPOSED GARAGE 250 QUEEN VICTORIA ST

SCALE 1:20



AL AND
Outside
Concrete
Foundation

Scale = 1:50

QUEEN VICTORIA STREET

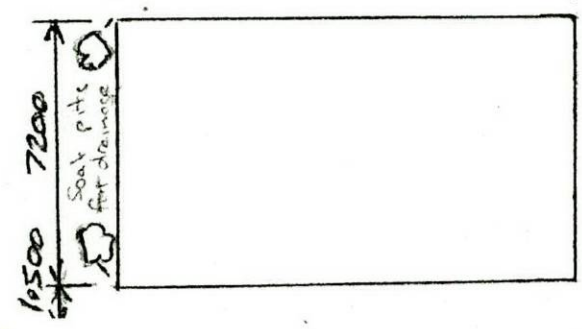
250

House

Swimming
Pool



3770 12200 3770



**TASMAN DISTRICT COUNCIL
APPROVED CONSENT DOCUMENT**

**THIS DOCUMENT MUST REMAIN ON THE JOB UNTIL COMPLETION
GIVE 24 HOURS NOTICE BEFORE any work is covered up:**

- Council inspection is required **BEFORE** any:
 - Concrete, masonry, in-fill grouting, placement, lining stopping, cladding, roof fixing, structural framing enclosure, lining stopping, covering up of plumbing and drainlaying.
- **PLUMBERS GASFITTERS & DRAINLAYERS ACT 1976** permits only Craftsman Plumbers and Registered Drainlayers and Gasfitters to carry out those trades.
- The Consent holder is responsible and liable for any damage as a result of this work being carried out.

BUILDING CONSENT NO:

002167

DATE:

SIGNED:

21/02/01

DEVIATIONS FROM THIS DOCUMENT REQUIRE FURTHER APPROVAL



TDC **Tasman
District Council**