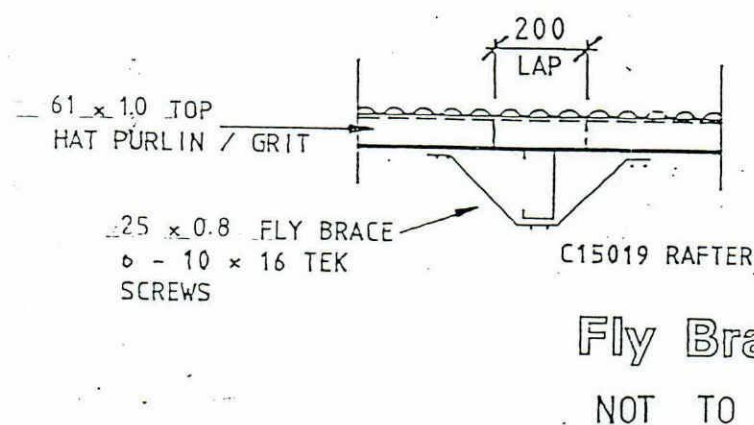
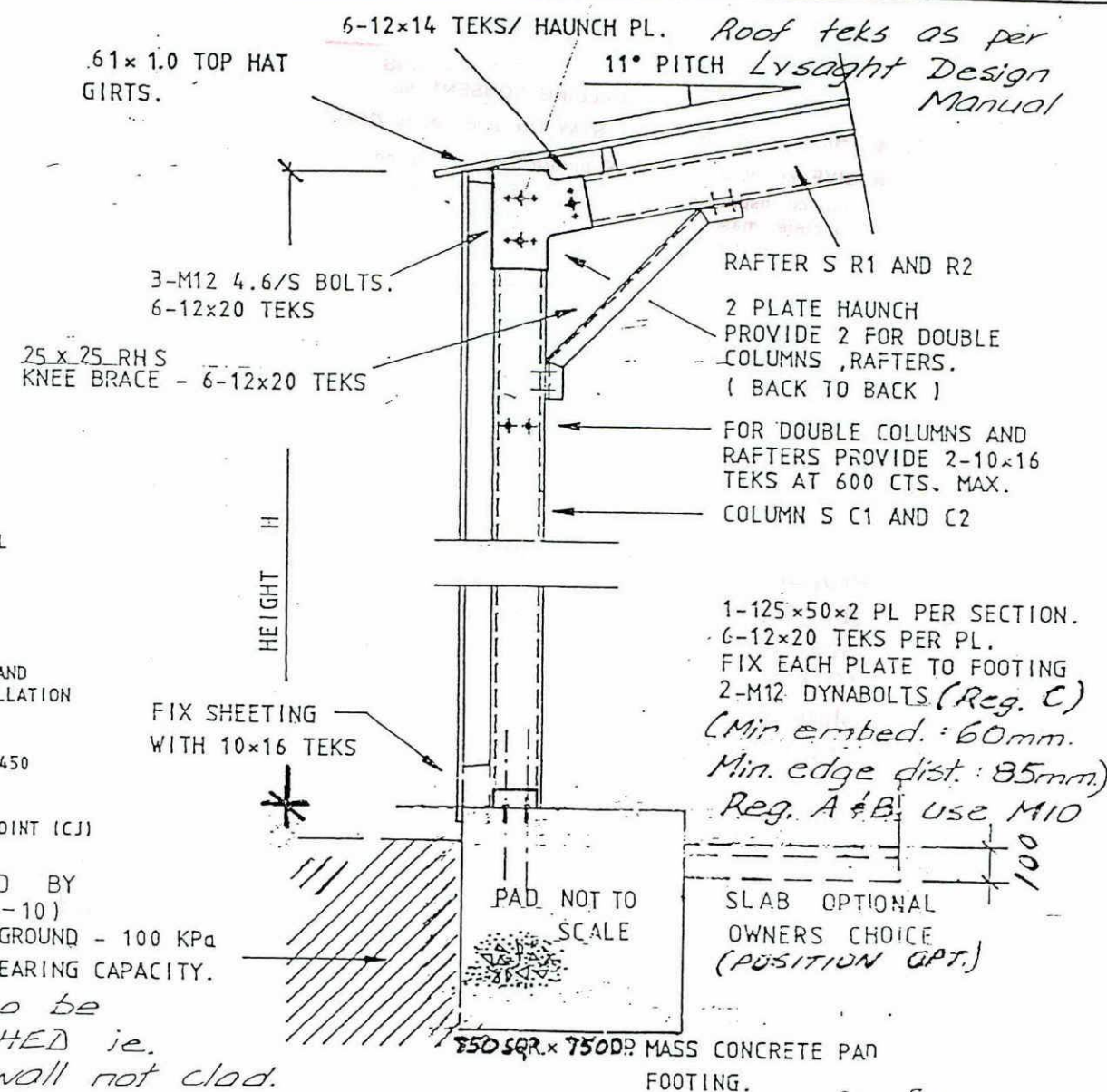


GENERAL NOTES:

1. MATERIALS & WORKMANSHIP SHALL COMPLY WITH THE APPROPRIATE S.A.A. REQUIREMENTS OF THE RELEVANT AUTHORITY.
 2. DURING CONSTRUCTION THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION & NO PART SHALL BE OVERSTRESSED. THE BUILDER SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE WORKS DURING CONSTRUCTION.
 3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
 4. CONCRETE QUALITY SHALL BE
F'c 20 MPa
SLUMP 80 mm
MAX. AGG. SIZE 20 mm
CEMENT TYPE 'A'
 5. PAD FOOTINGS ARE DESIGNED TO REST ON NATURAL GROUND OR CONTROLLED FILL CAPABLE OF SUPPORTING 100 KPa.
 6. DESIGN LOADS TO AS1170 - 1989 PART 1 AND 2.
 7. ALL TEK SCREWS TO BE SELF DRILLING AND COMPLY WITH THE MANUFACTURERS INSTALLATION RECOMMENDATIONS.
 8. ALL STEELWORK TO BE HIGH-TEN GRADE 450 COLD FORMED SECTIONS.
 9. CONCRETE SLAB TO HAVE CONTRACTION JOINT (CJ) AT 6.0m MAX. CTS.
- N.B. TOP HATS MAY BE REPLACED BY 55x30 BOXBEAM (CAT. NO. B55-10) SOLID GROUND - 100 KPa MIN. BEARING CAPACITY.

10. This design can also be used as a FARM SHED i.e. 3 walls clad 1 wall not clad.



RE FOOTINGS:
WALL HT ≤ 3.6m, USE 650mm³
WALL HT. ≤ 3.0m USE 550mm³

ANDREW MATILUKOVICH
MIE. AUST. CPENG.
23/5/95

STRUCTURAL ENGINEERS
A B CONSULTING ENGINEERS
ANDREW MATILUKOVICH
BE. LGE MIE AUST. CPENG. (REG.) RPEP

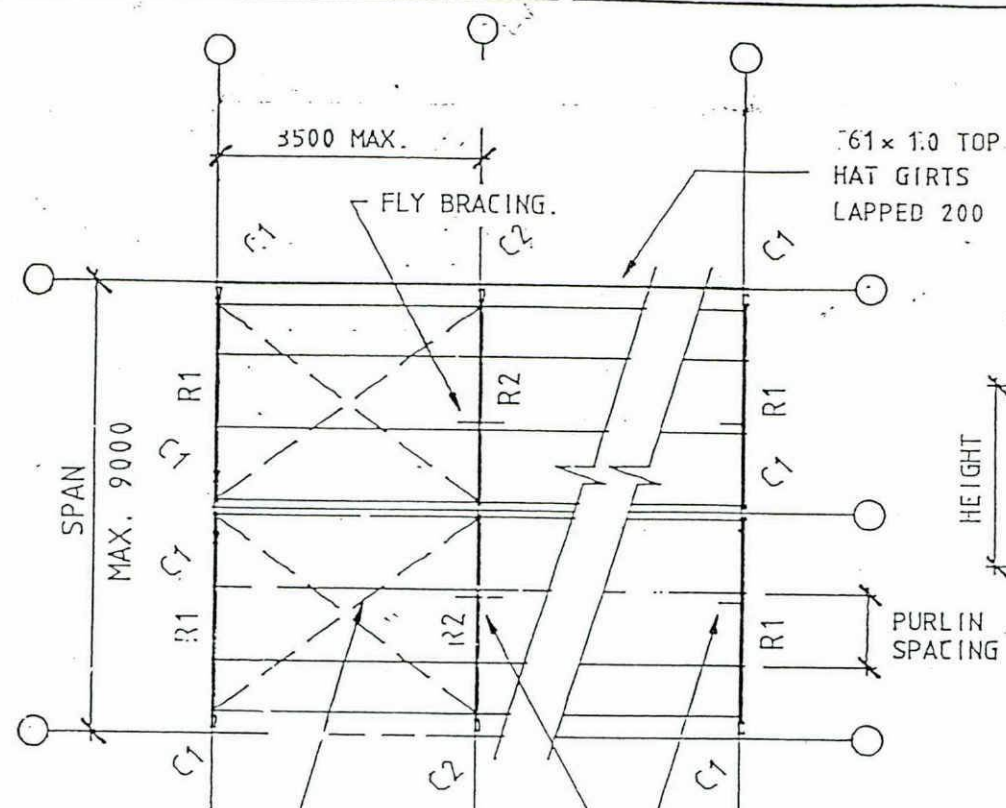
STANDARD STRUCTURAL DETAILS
9.0m SPAN SHED

DWG: 724AB

SCALE: 1:100, 1:20

DATE: 24/11/95

SHEET 2 OF 3
Refer also to DWG. 723AB sheet 3



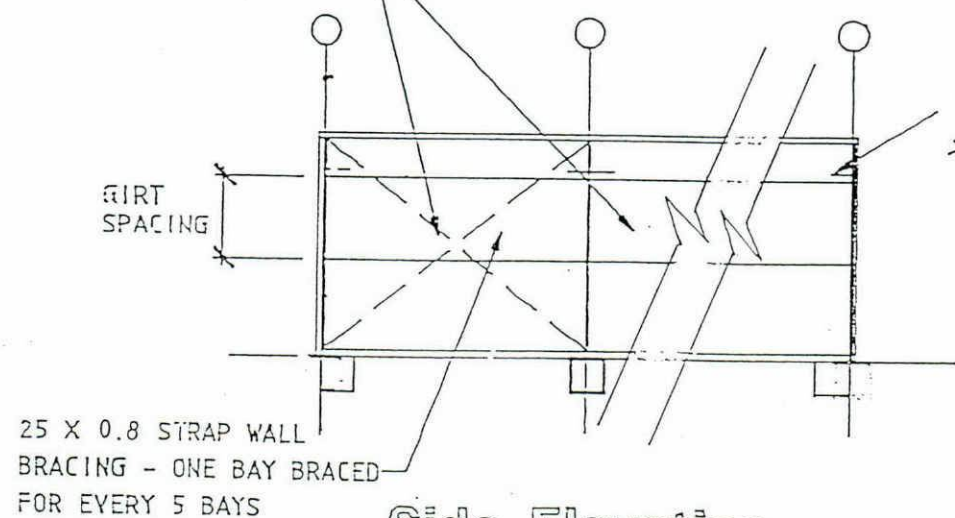
61 x 1.0 TOP
HAT PURLINS
LAPPED 200

SCALE 1:100

Roof Plan.

EXTERNAL FRAME	
COLUMNS C1 =	C15019.
RAFTERS R1 =	C15019

61 x 1.0
TOP HAT GIRTS

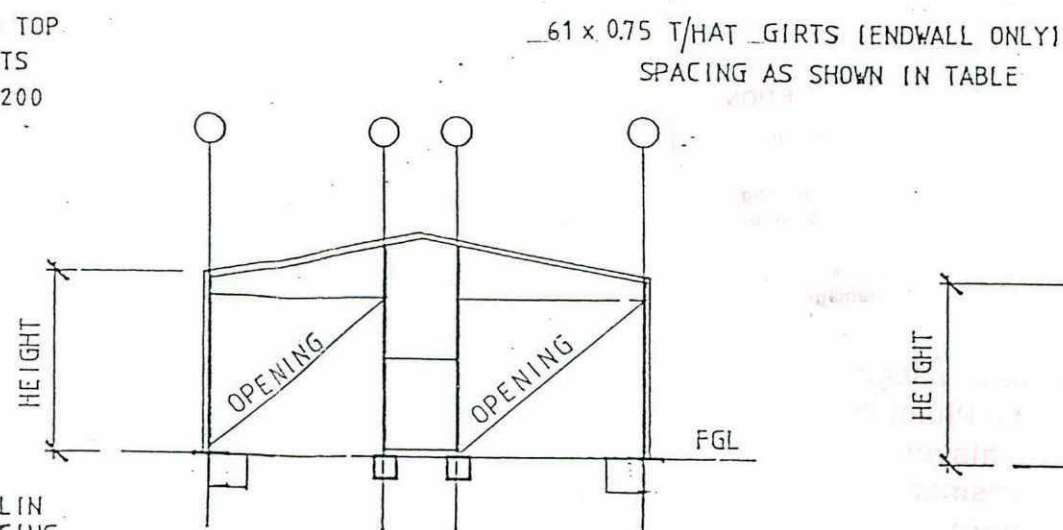


Side Elevation

SCALE 1:100

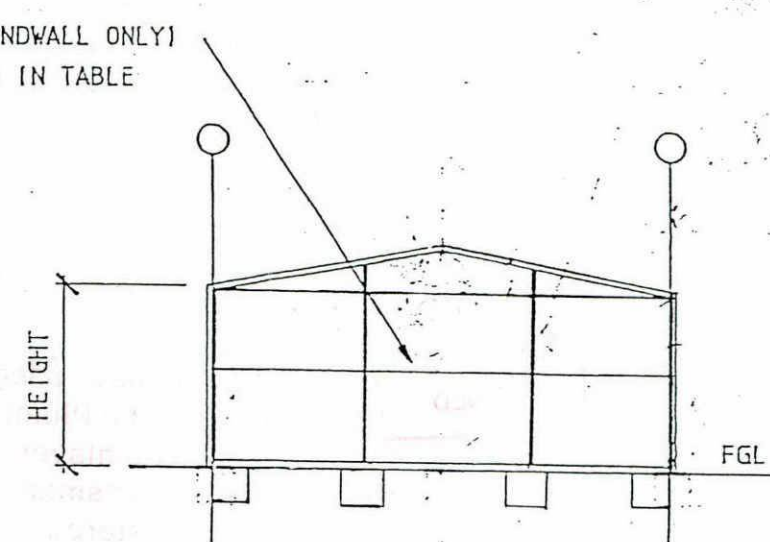
Note Re Strap Bracing:

Strap bracing only required for wall height > 3.0m.



Front Elevation

N.T. SCALE



Rear Elevation

N.T. SCALE

C2 & R2 MEMBER SCHEDULE

(INTERNAL FRAMES)

REGION	TERRAIN	MAX SPAN	MAX HEIGHT	SECTION	MAX. PURLIN & GIRT SPACING
A	2	9.0	Maximum Ht. 4.5m.	2C15019	1200
		9.0		2C15019	1200
	3	9.0		2C15019	1200
		9.0		2C15019	1200
B	2	9.0		2C15019	1200
		9.0		2C15019	1200
	3	9.0		2C15019	1200
		9.0		2C15019	1200
C	2	9.0	Max. Ht. 4.2m	2C15019 ⁽¹⁾	1200
	3	9.0		2C15019 ⁽¹⁾	1200

NOTE:

① REGION C
CAT 2 & 3:

3 WALLS
CLAD, 1 WALL
PERMEABLE
WALL HT.

≥ 3.9m & ≤ 4.2m

USE 2C15024

COLUMNS &

RAFTERS.

REGAB. CAT 2, 3.

USE REMAINING

MEMBER SCHED.

FOR WALL

HT ≤ 4.5m

STRUCTURE

FULLY CLAD OR

ONE WALL

PERMEABLE.

STRUCTURAL ENGINEERS

ABCONSULTING ENGINEERS

ANDREW MATILUKOVICH

BE LGE MIEAUST. MASCE

TEL. (046) 471985

CPEng (Reg.) RPEQ

All Designs

Up to $V_p = 57 \text{ ms}^{-1}$ (Region C)

STANDARD STRUCTURAL DETAILS
9.0m SPAN SHED

SCALE 1:100

DATE 24/11/95

SHEET 1 OF 3

(Refer also to 723AB

Sheet 3)

DWG. 724AB

A B CONSULTING ENGINEERS

- Civil & Structural -

Andrew Matlukevitch
BE DipTech (Eng) LGE MIE (Aust)
MASCE RPEQ CPEng (Regd. NPER-3)
Regd. Bldg. Practitioner - VICTORIA
Regd. Bldg. Practitioner - NORTHERN TERRITORY
Registered Chartered Professional Engineer

Lot 3 Coral Ave.
KENTLYN NSW 2560
Phone & Fax: (046) 254442

Property owners have a legal obligation under the Plumbers Gasfitters and Drainlayers Act

1976 to have a registered

plumber and registered

drainlayer carry out the

appropriate trade.

Failure to do so may result in

legal action.

TO WHOM IT MAY CONCERN

DESIGN DRAWING CERTIFICATION

This is to certify that the designs and design drawings listed hereunder have been prepared by Andrew Matlukevitch, Practising Structural Engineer, of A B Consulting Engineers.

All these designs and design drawings have been prepared in accordance with New Zealand Standard NZS 4203: 1992 - "Code of Practice for General Structural Design Loadings for Buildings".

DESIGN DRAWING NO.

TITLE

721 AB	GARAPORT
722 AB	CARPORT
723 AB	SHEDS TO 7.5m SPAN
724 AB	9.0m SPAN SHEDS
725 AB	SKILLION EXTENSION
726 AB	GARAGE 22° PITCH
728 AB	12.0m - 15.0m SPAN FARMSHED
729 AB	FOOTING DETAILS (TO 12.0m SPAN)
732 AB	GARDEN SHED
733 AB	AMERICAN BARN
734 AB	20m SPAN FARMSHED
738 AB	QUAKERS BARN

THESE ARE THE PLANS / SPECIFICATIONS
REFERRED TO IN BUILDING CONSENT NO. 980604

THIS DOCUMENT MUST STAY ON JOB UNTIL COMPLETION

24 HOURS NOTICE before any work is covered up

Inspections are required BEFORE any
masonry infill, grouting, placement, lining, cladding,
trim fixing, structural frame enclosure, trim fixing, lining, cladding,
drainlaying, covering.

Work from this Document require further approval
holder is responsible and liable for any damage caused
by work being carried out.

STRUCTURAL ENGINEER
(REGISTERED).

ANDREW MATLUKEVITCH

PRACTISING CIVIL AND

STRUCTURAL ENGINEER

(REGISTERED).

18/5/98

980604

Quality Steel Limited

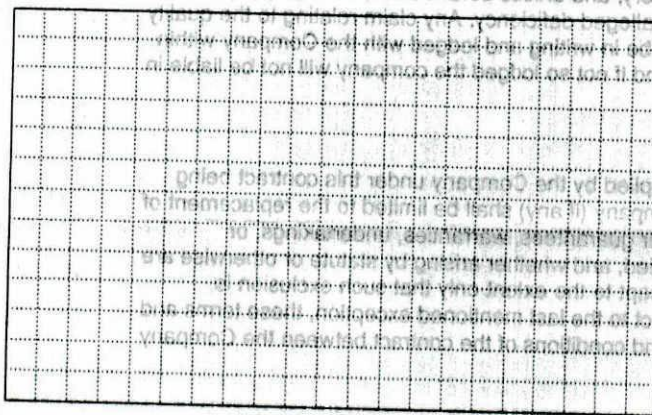
QUALITY STEEL LTD.
Dave Waghorn,
RD 1, Blackball, West Coast
Ph. (03) 732 3786, Fax (03) 732 3686
Cellular 025 367 094
G.S.T. No. 65-899-957

0190

KITSET ORDER/QUOTATION

Client's Name: Warren Stratford Date: 3/4/98
Address: 18 Stanford Drive Phone: (H) 035402371
Delivery Address: Ruby Bay Nelson Phone: (W) 035402331
8x17.5x3.6 Zincalume 3-3x3 Roller Doors 2-Aluminium
Type of Garage: PA Doors 4 Windows 900x1640 4-sheets of clear.
Size: Netting Size: 8 length: 17.5 height: 3.6
Colour required: Walls C/B - Z/A Zincalume Roof C/B - Z/A Zincalume
D/Pipe C/B - Z/A Zincalume Roller Door C/B - Z/A Zincalume
Side Door C/B - Z/A Zincalume Barges & Gutters C/B - Z/A Zincalume
Position of Roller/s: End (gable) wall, Left Hand Centre Right Hand
Side (gutter) wall, Left Bay Centre Right Bay

Required Delivery Date:



Base Price	\$ 12,400 00
Height	
Extra enclosed bays	
Open garaport bays	
Skillion carport	
Partition walls	
Wind Terr, Cat.	
Colorbond Roof	
Dyna-Bolt/Footing	
Size <u>1640</u>	
Gray Teks/Colour	220 00
Windows Size <u>4</u>	800 00
Size <u>900x</u>	
Rem. Mullion/Remote	
Netting	
Flyscreens	250 00
Skylights <u>Four</u>	240 00
Extra P.A. Door <u>2</u>	900 00
Extra Roller Door/s	
Relocate Rollers	
Extras/Flashings Kit	
Delivery <u>Ex CHCH</u>	
Total Cost	14,810 00
Deposit required 25%	3,702 00
Balance prior to delivery	11,108 00

TERMS & CONDITIONS: Please read the following:

- Price open for acceptance for a period of 7 days and upon acceptance the deposit of 25% is to be paid.
- Building components will be ready for dispatch within 40 days of acceptance and dispatched upon payment of the full purchase price.
- Property and risk in the goods shall not pass until payment is made in full and if not made within 40 days of the date of acceptance or such longer period as QS shall determine may be resold. Such resale shall terminate this agreement and the deposit monies shall be refunded less any reasonable storage, administration and transport costs incurred by QS.
- The building components will be supplied with plans and erection instructions. All building consents and the assembly will be the responsibility of the purchaser.
- QS guarantees the components for a period of 5 years from the date of delivery against failure through faulty manufacture provided all necessary permits are obtained and complied with and the erection instructions are adhered to.
- If necessary QS reserves the right to use touch up paint to repair any small scratches on the colourboard which may be sustained in transit and QS will use its best endeavours to avoid any such damage occurring.
- All prices inclusive of GST.
- See reverse for additional terms and conditions.

The company reserves the right to use "touch-up" paint to repair any small marks or scratches on colorbond which may be sustained in transit. Every endeavour will be maintained by the company to avoid such damage occurring. This company if requested to enter a property accepts no responsibility for any damage incurred.

If quote acceptable please sign below and return the required holding deposit of \$ 3,702.00

The balance of \$ 11,108.00 shall be payable upon notification by supplier that goods are available for dispatch.
E & OE

Customer's Signature: _____ Representative's Signature: D. A. Waghorn

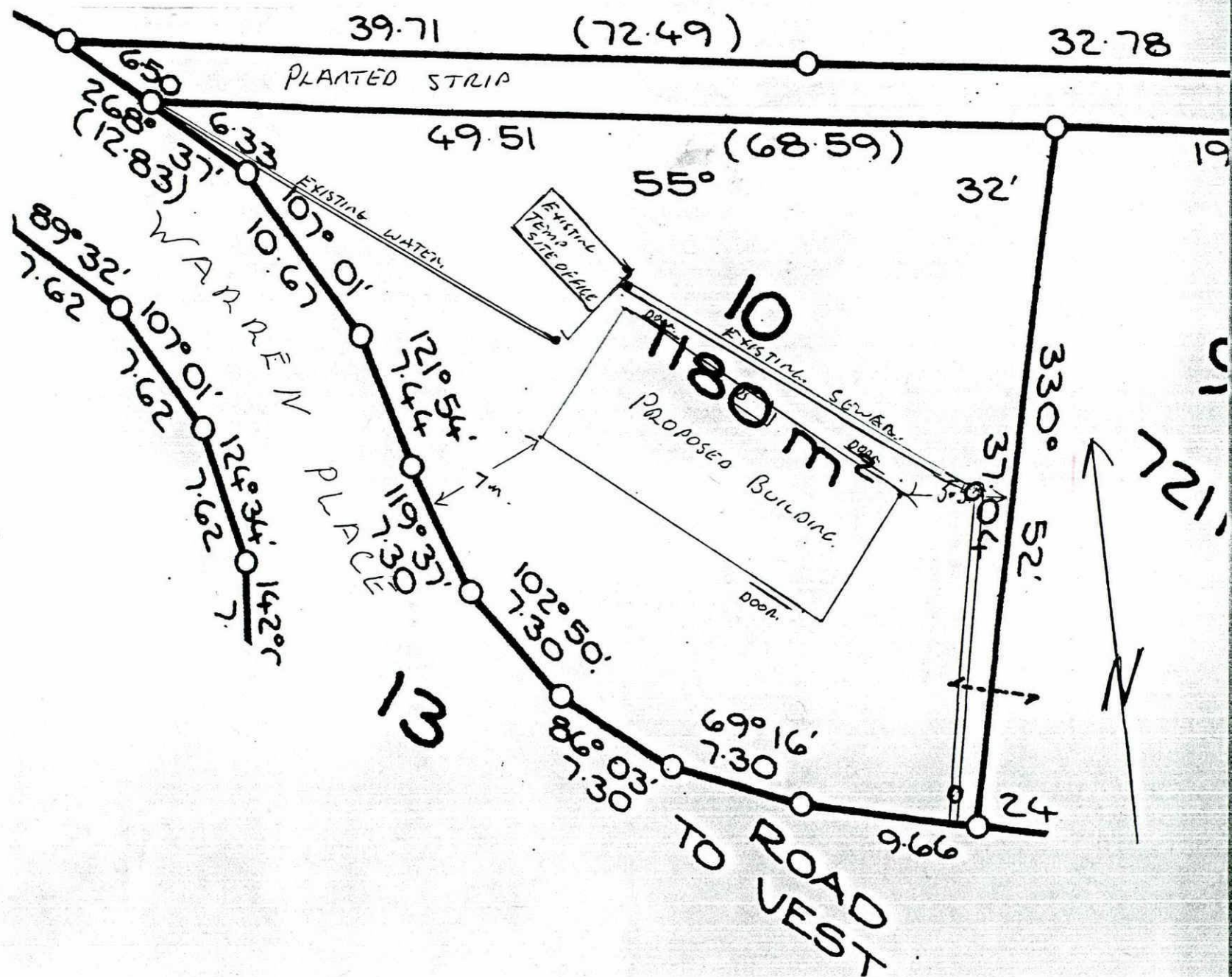
TASMAN DISTRICT COUNCIL
APPROVED CONSENT DOCUMENT

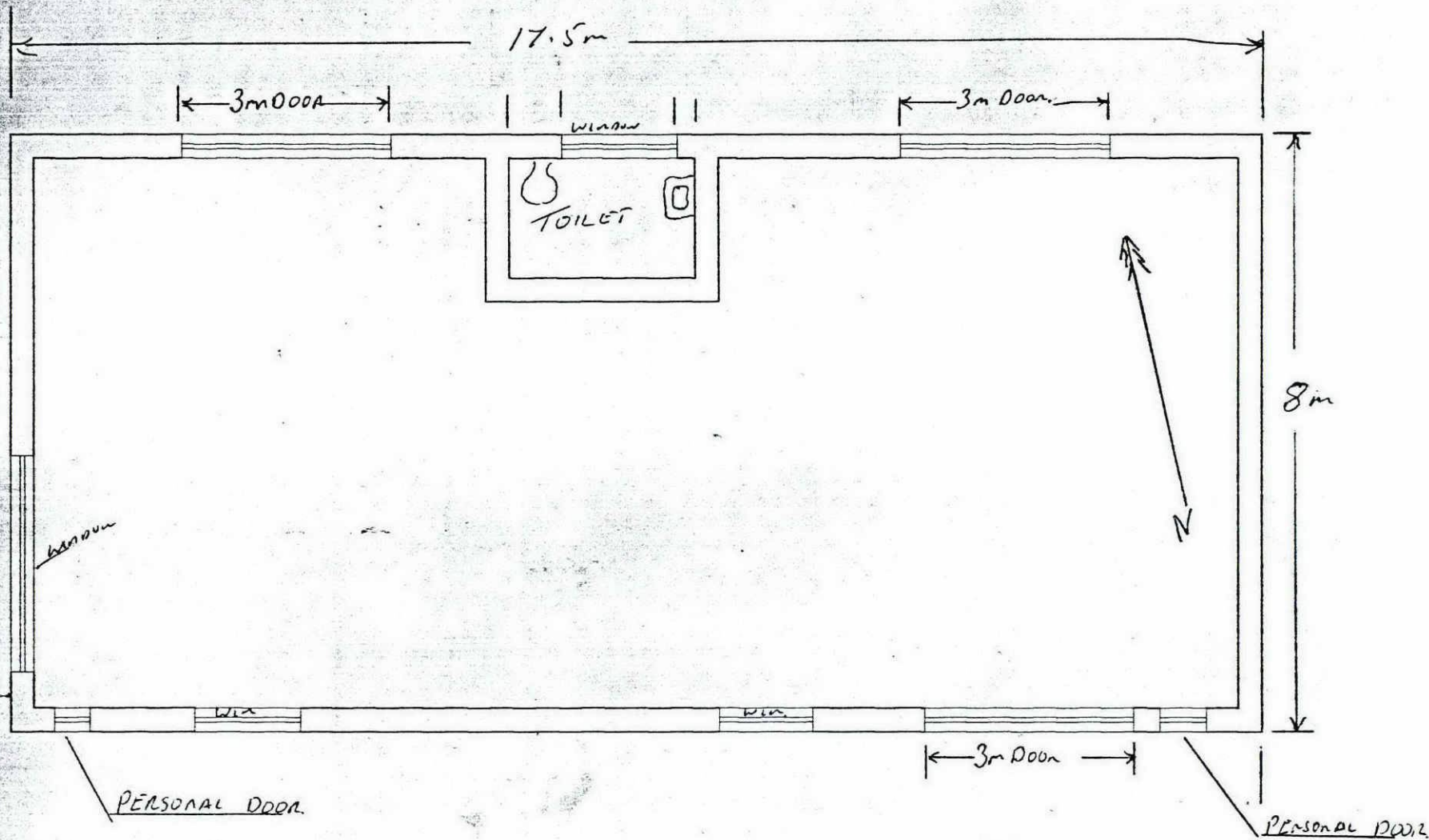
THESE ARE THE PLANS / SPECIFICATIONS
 REFERRED TO IN BUILDING CONSENT NO. 980604

- THIS DOCUMENT MUST STAY ON JOB UNTIL COMPLETION
- GIVE 24 HOURS NOTICE before any work is covered up
- Council inspections are required BEFORE any:
 concrete, masonry infill, grouting, placement, lining, cladding,
 roof fixing, structural frame enclosure, trim fixing, lining stopping,
 plumbing, drainlaying, covering.
- Deviations from this Document require further approval
- Consent holder is responsible and liable for any damage as a
 result of this work being carried out.
- Date: 18/5/98 Building Consent No. 980604

SIGNED: _____

Property owners have a legal
 obligation under the Plumbers
 Gasfitters and Drainlayers Act
 1976 to have a craftsman
 plumber and registered
 drainlayer carry out their
 appropriate trade.
 Failure to do so could lead to
 legal action.





BC980604
9 Warren Place
mapua

1938022610