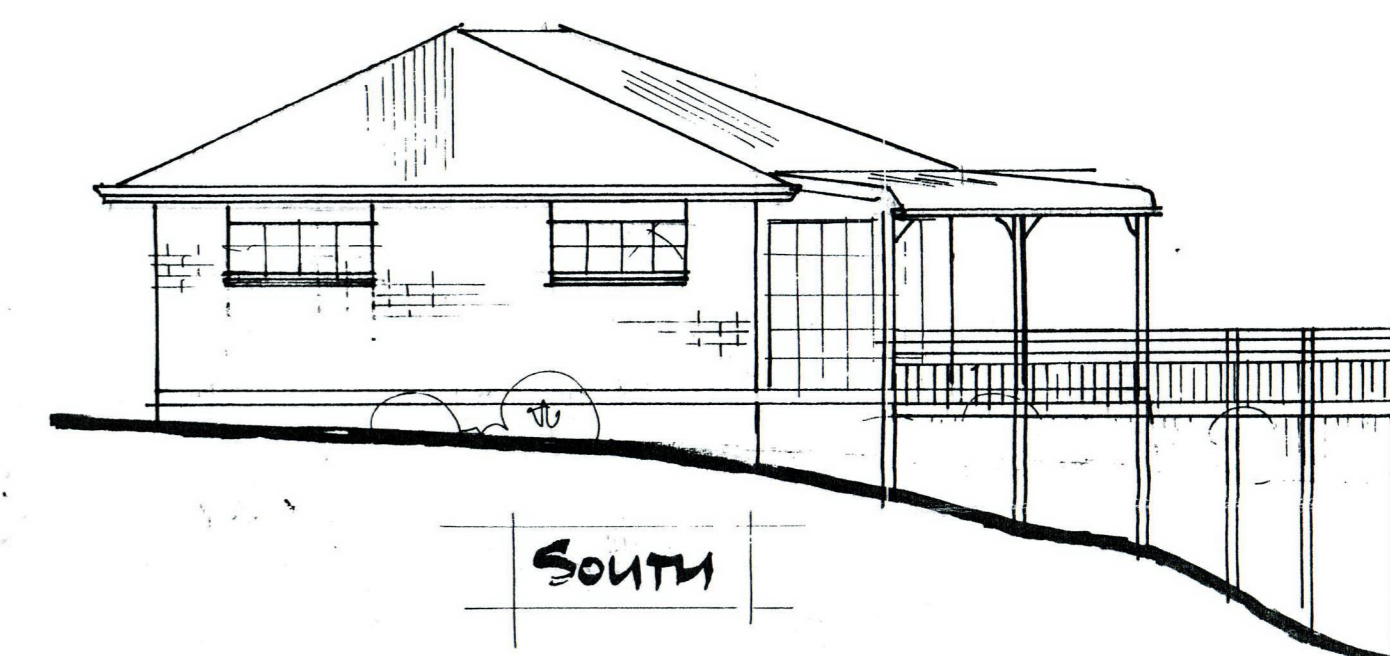
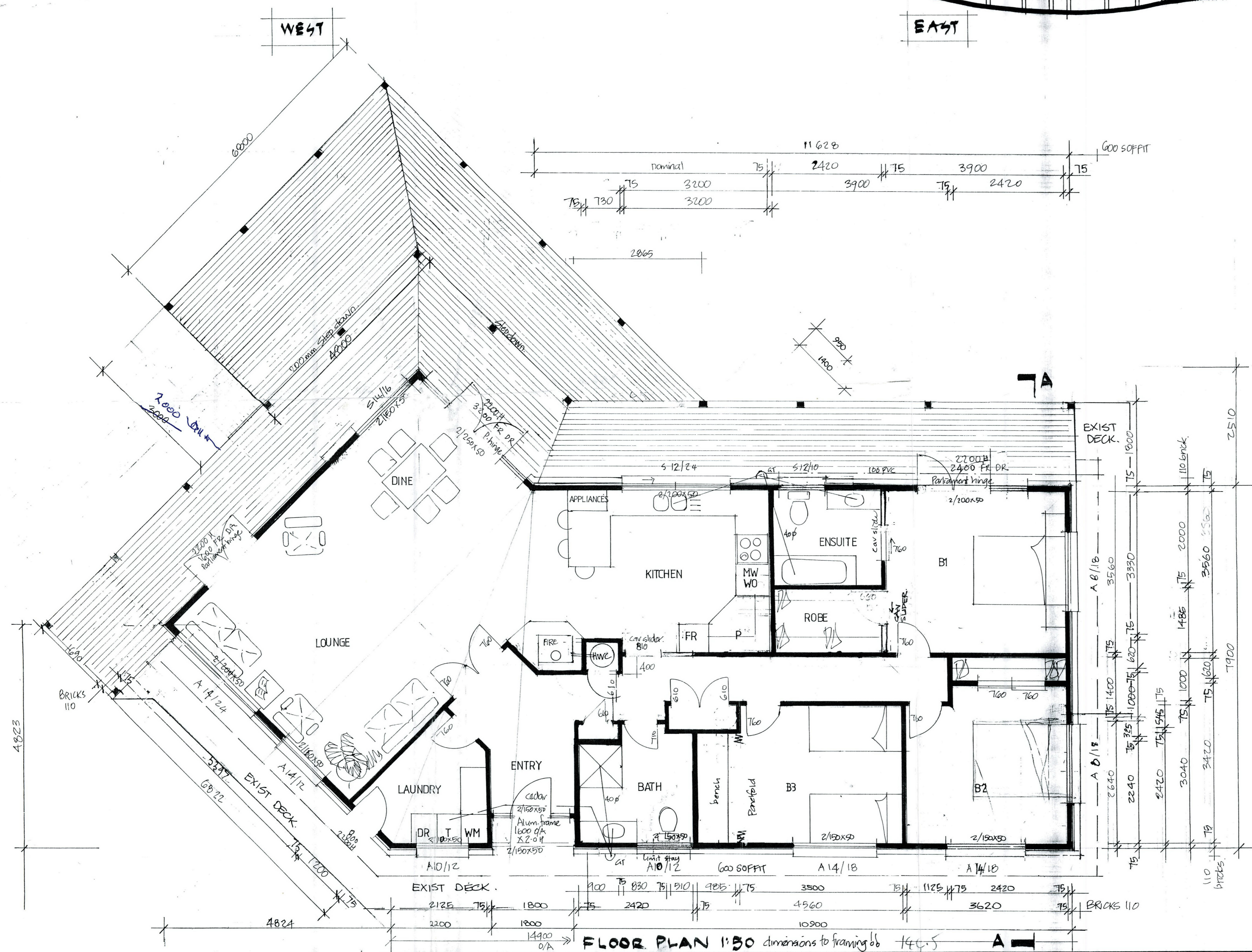


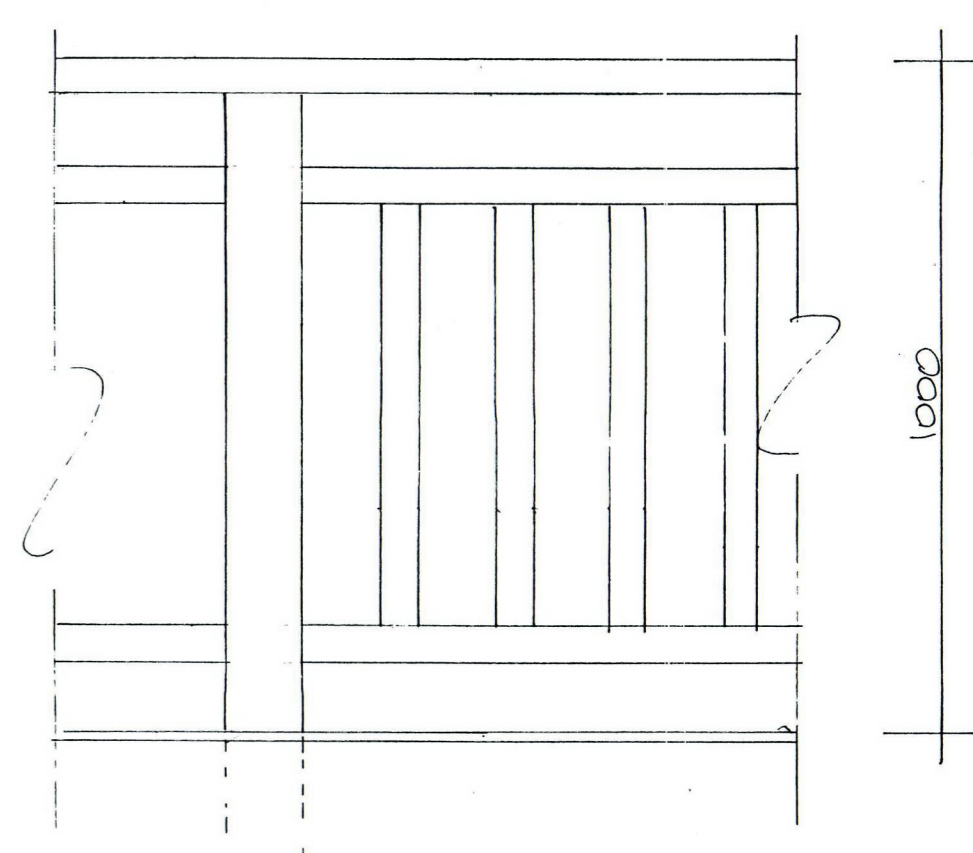
WEST

EAST

NORTH



SOUTH



DECK RAILING 1:10

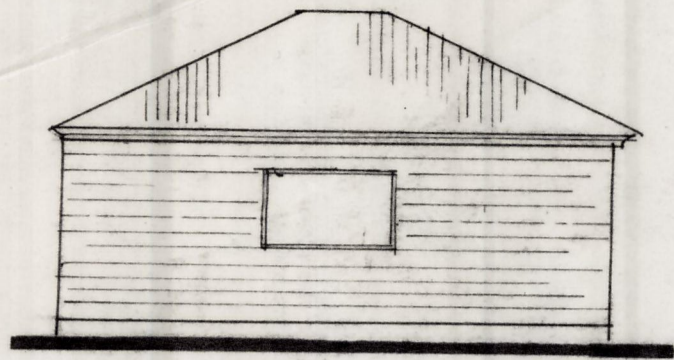
**PROSTEEL**  
Design & Build  
48 Matthews Ave., Kaitiaki  
Phone (09) 408-2233

ARCHITECTURAL DESIGN  
Alan Simpkin  
09 4082488  
Kaitiaki  
16 Church St

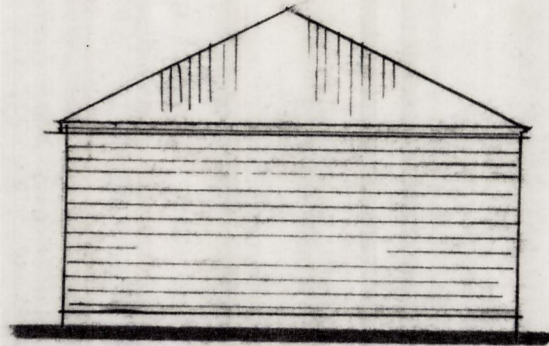
HUDSON RESIDENCE

FLOOR PLAN 1:50 dimensions to framing job

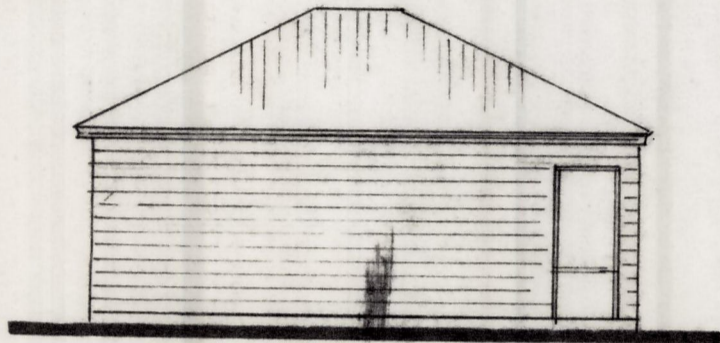
Amended 16 July Amended 01/09/01		blaze/vanilla return, B2 windows, steel frame dimensions limit stays bath. new deck area.	SHEET 01.
DRAWN Alan	CHECKED	SCALES	SERIES 1 OF 3
TRACED	DATE May 96		REF



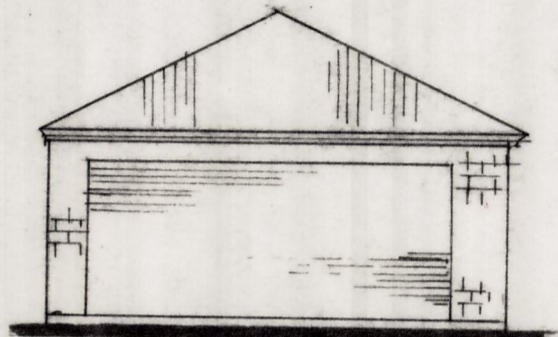
A



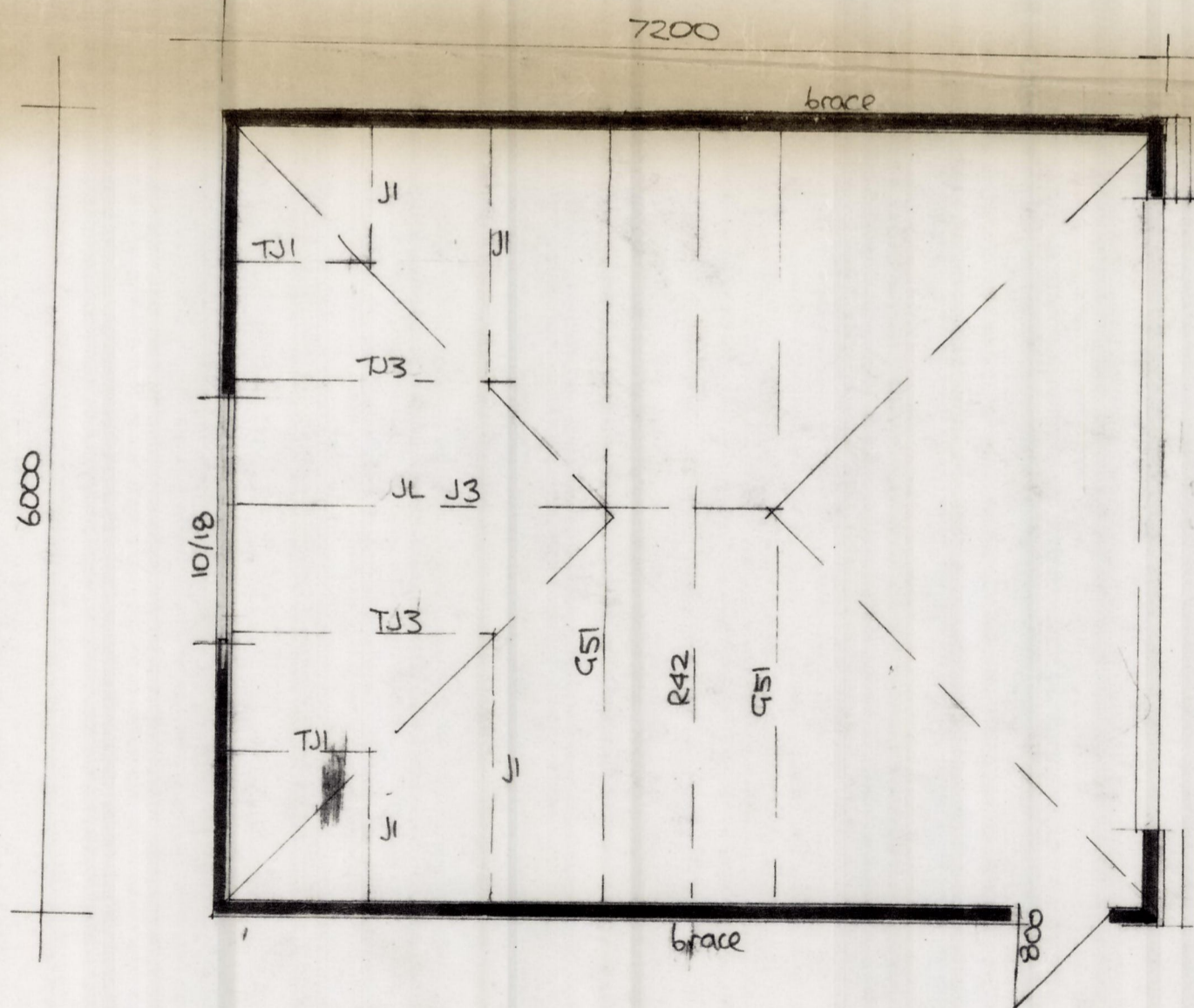
D



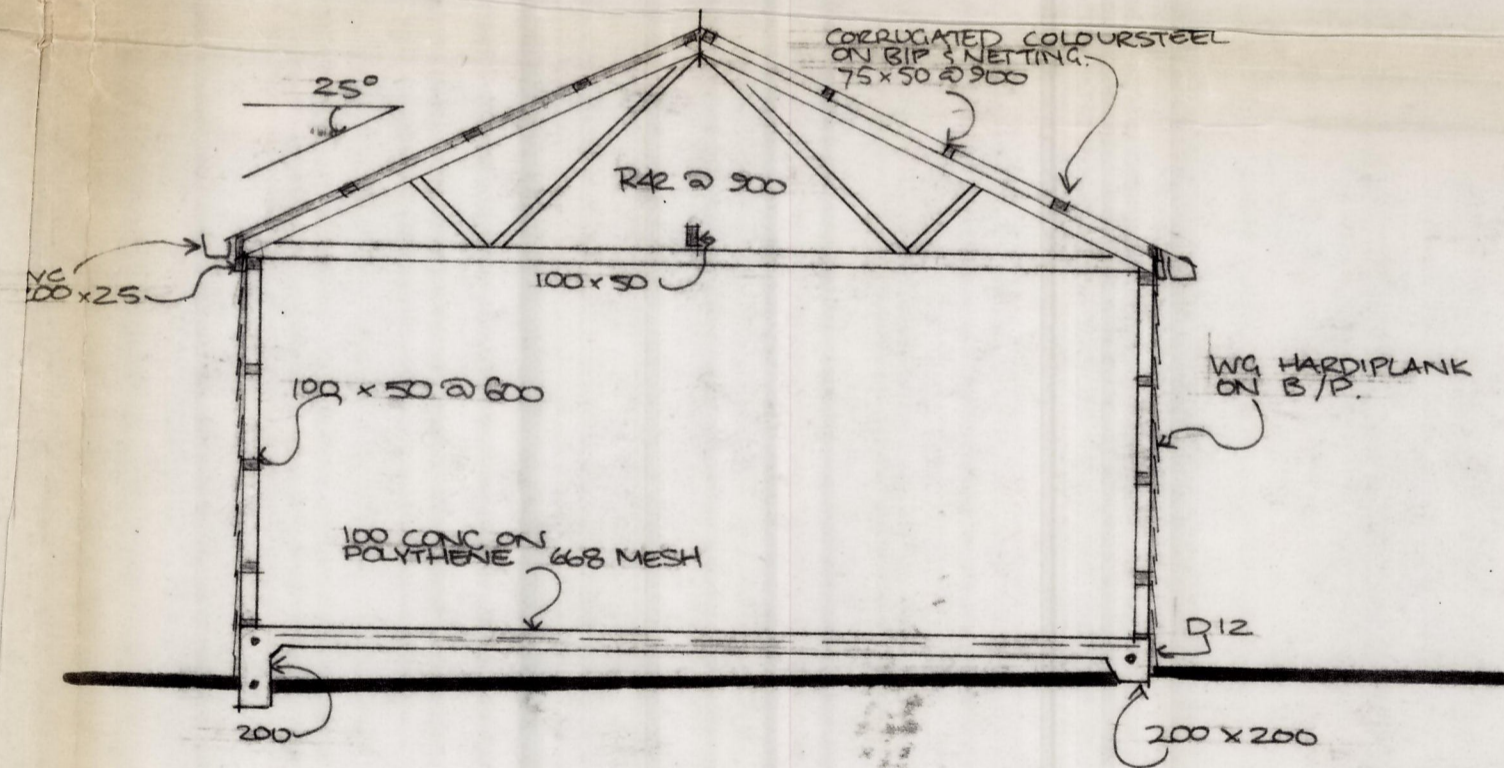
B



C



PLAN



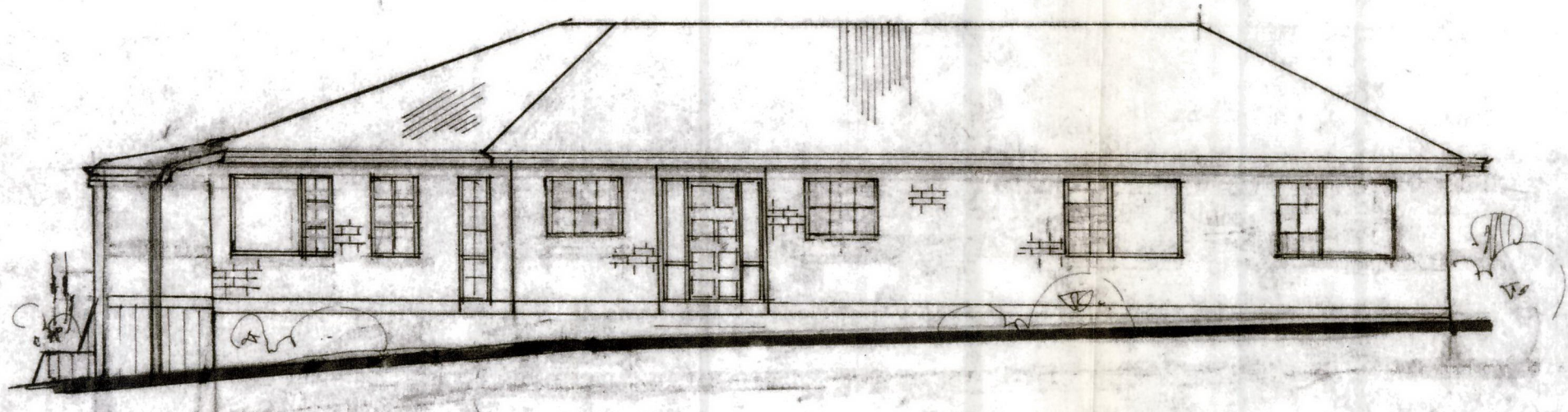
A2A

A  
D  
C  
B

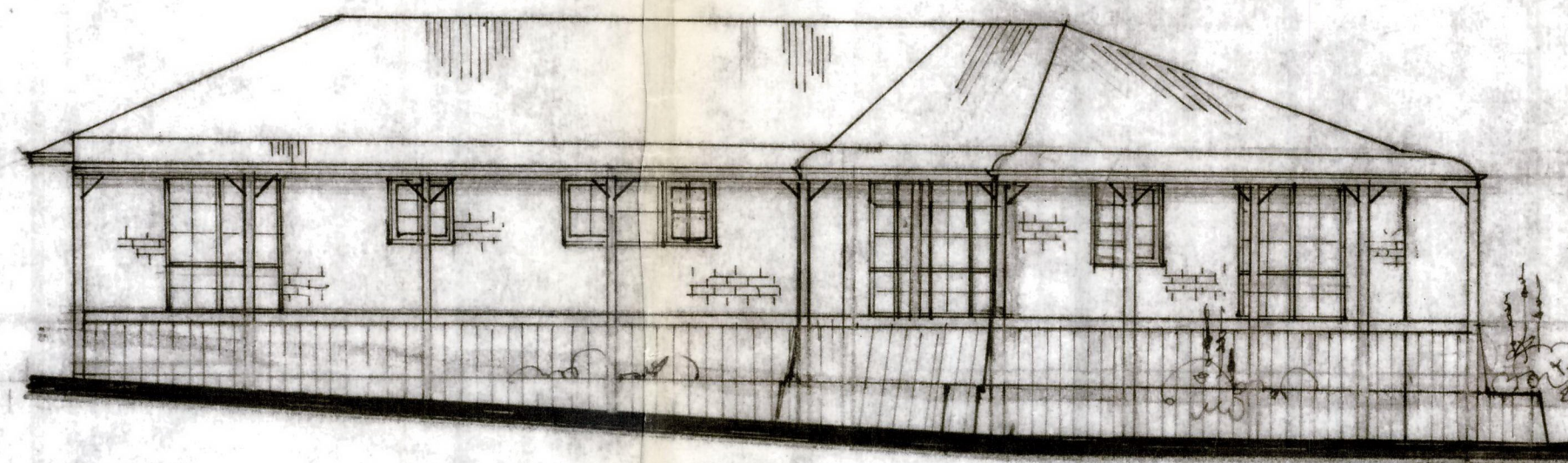
HUDSON GARAGE

DRAWN <i>Alan</i>			CHECKED	SCALES	SHEET <b>03</b>
TRACED			DATE <i>MAY 96</i>		SERIES <b>1</b> OF <b>3</b>
					REF

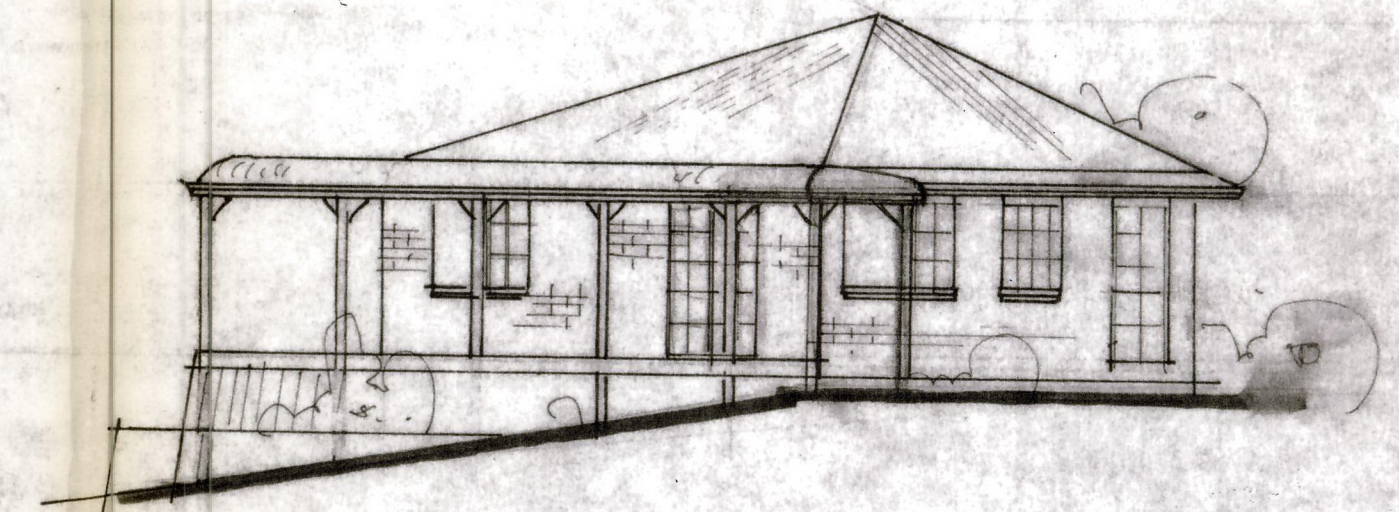




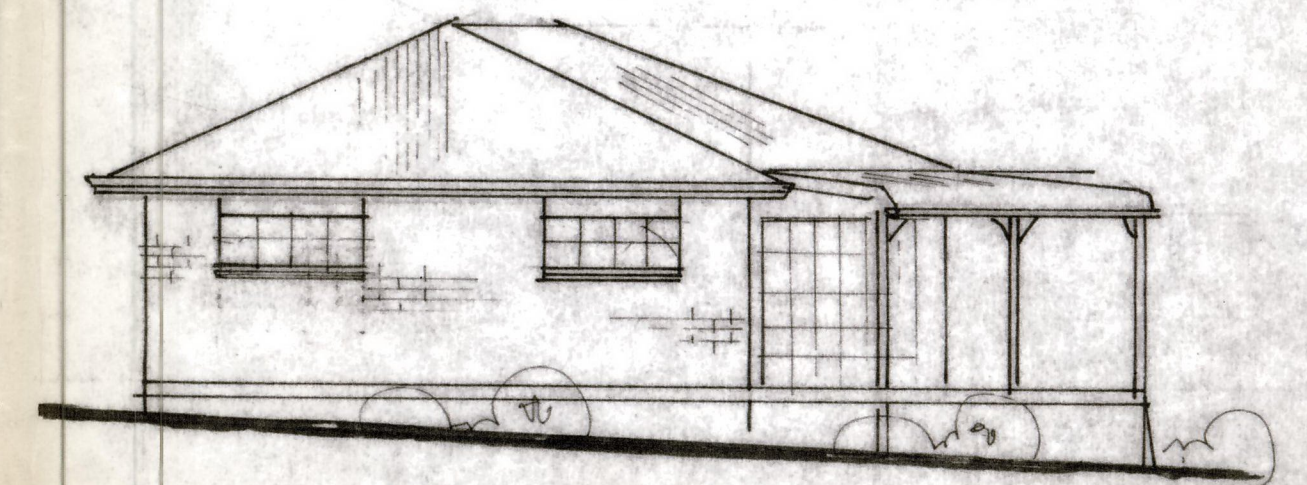
WEST



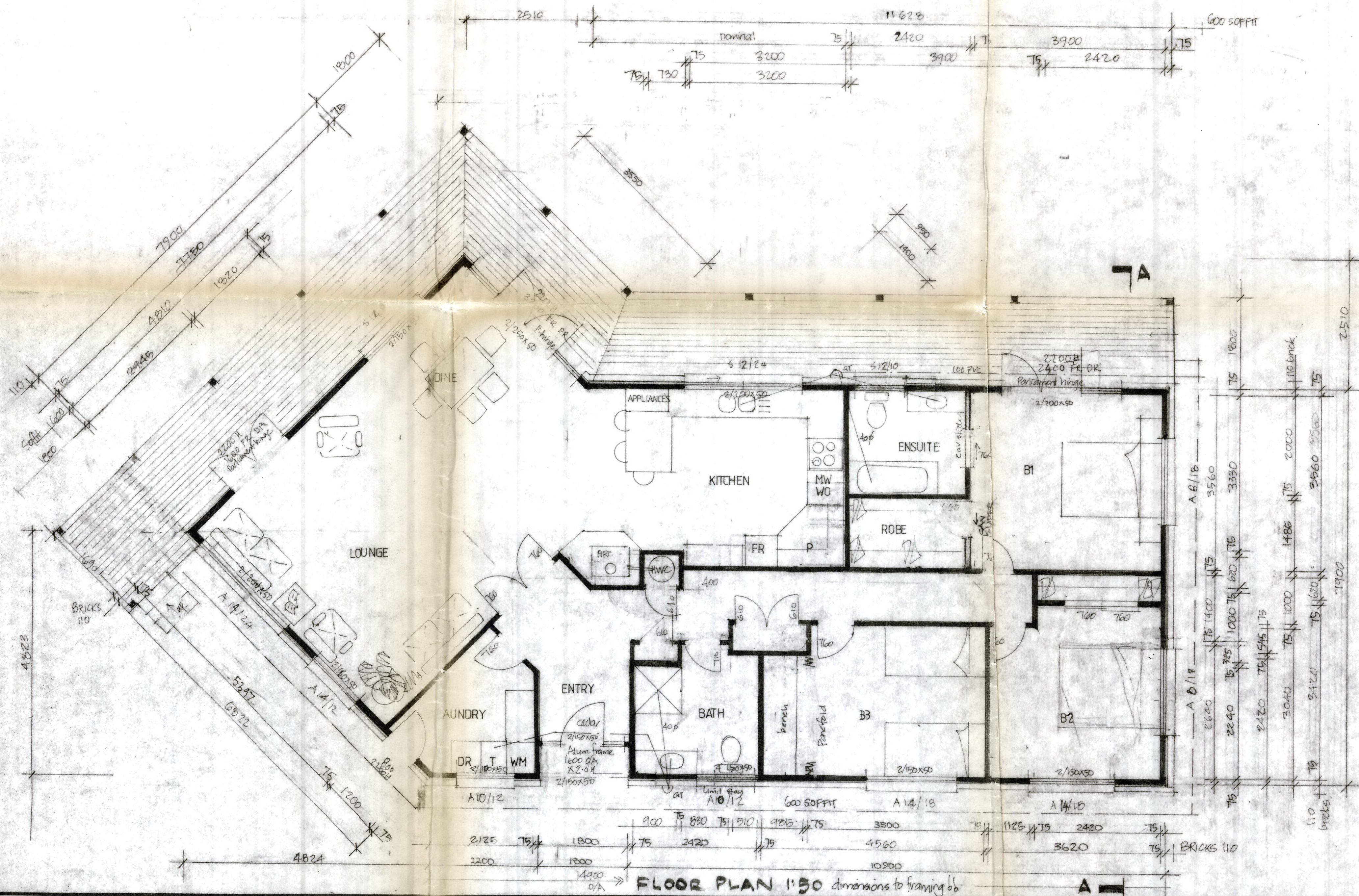
EAST



NORTH



SOUTH



CONDITIONS OF CONSENT TO BE MADE KNOWN TO ALL TRADESPERSONS PRIOR TO WORK COMMENCING.

APPROVED 21/10/96  
 BUILDING  
 P.O.D. [Signature]  
 FAR NORTH DISTRICT COUNCIL

REQUIRED INSPECTIONS	
FOOTINGS	<input checked="" type="checkbox"/>
FLOOR SLAB (REINFORCING)	<input checked="" type="checkbox"/>
BOND BEAM	<input checked="" type="checkbox"/>
PRE-LINE (FRAMING)	<input checked="" type="checkbox"/>
DRAINS	<input checked="" type="checkbox"/>
FLOOR SLAB (PLUMBING)	<input type="checkbox"/>
PRE-LINE (PLUMBING)	<input checked="" type="checkbox"/>
FINAL	<input checked="" type="checkbox"/>

W. James Harris  
 Reg. Engineer  
 Reynolds Consulting Ltd

**PROSTEEL**  
 Design & Build  
 48 Matthews Ave., Kaitiaki  
 Phone (09) 408-2233

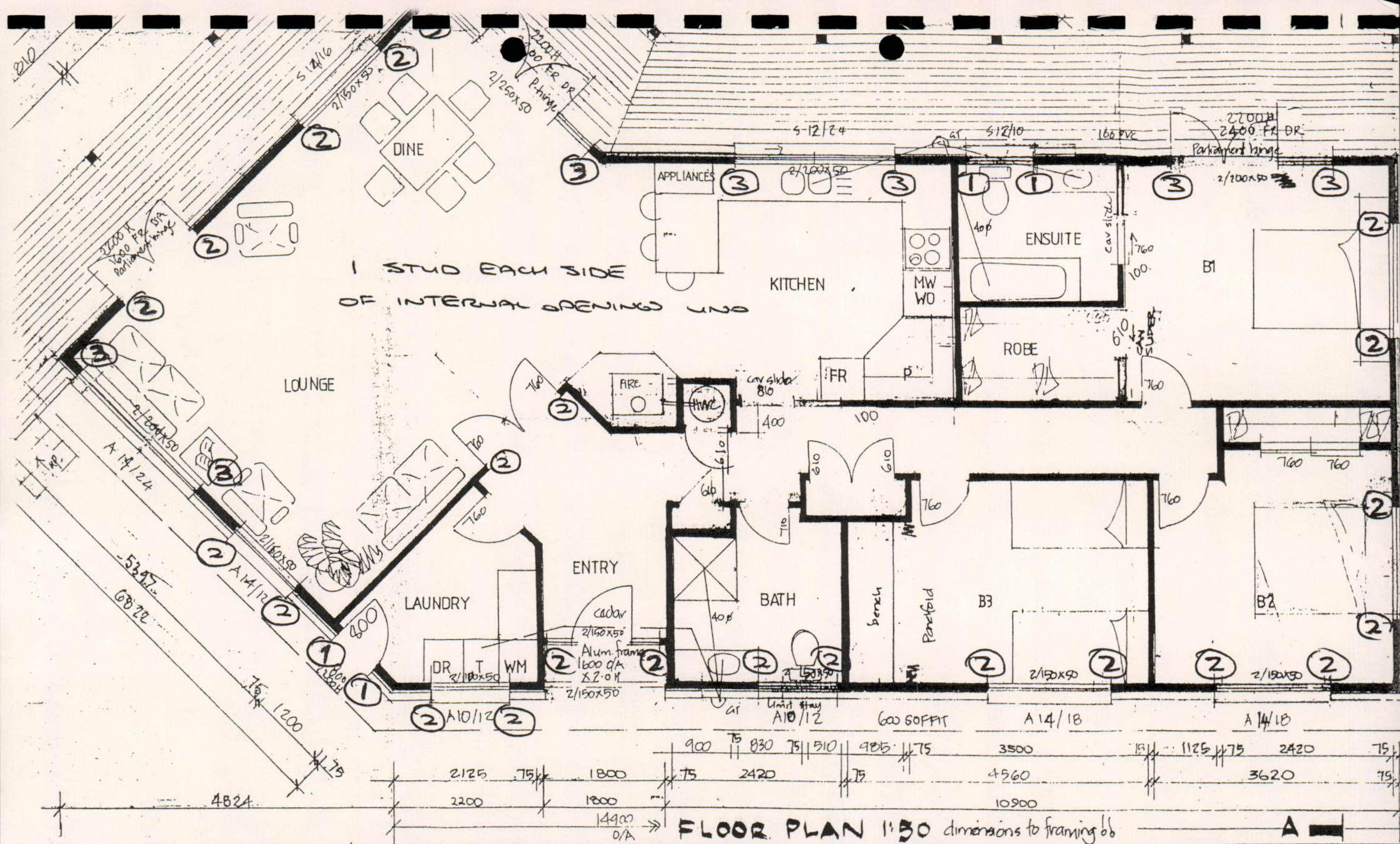
ARCHITECTURAL DESIGN  
 Alan Simpkin

HUDSON RESIDENCE

Amended 16 July [notes]	SHEET 01
DRAWN Alan	CHECKED
TRACED	DATE May 96
SCALES	SERIES 1 OF 3
REF	REF [notes]







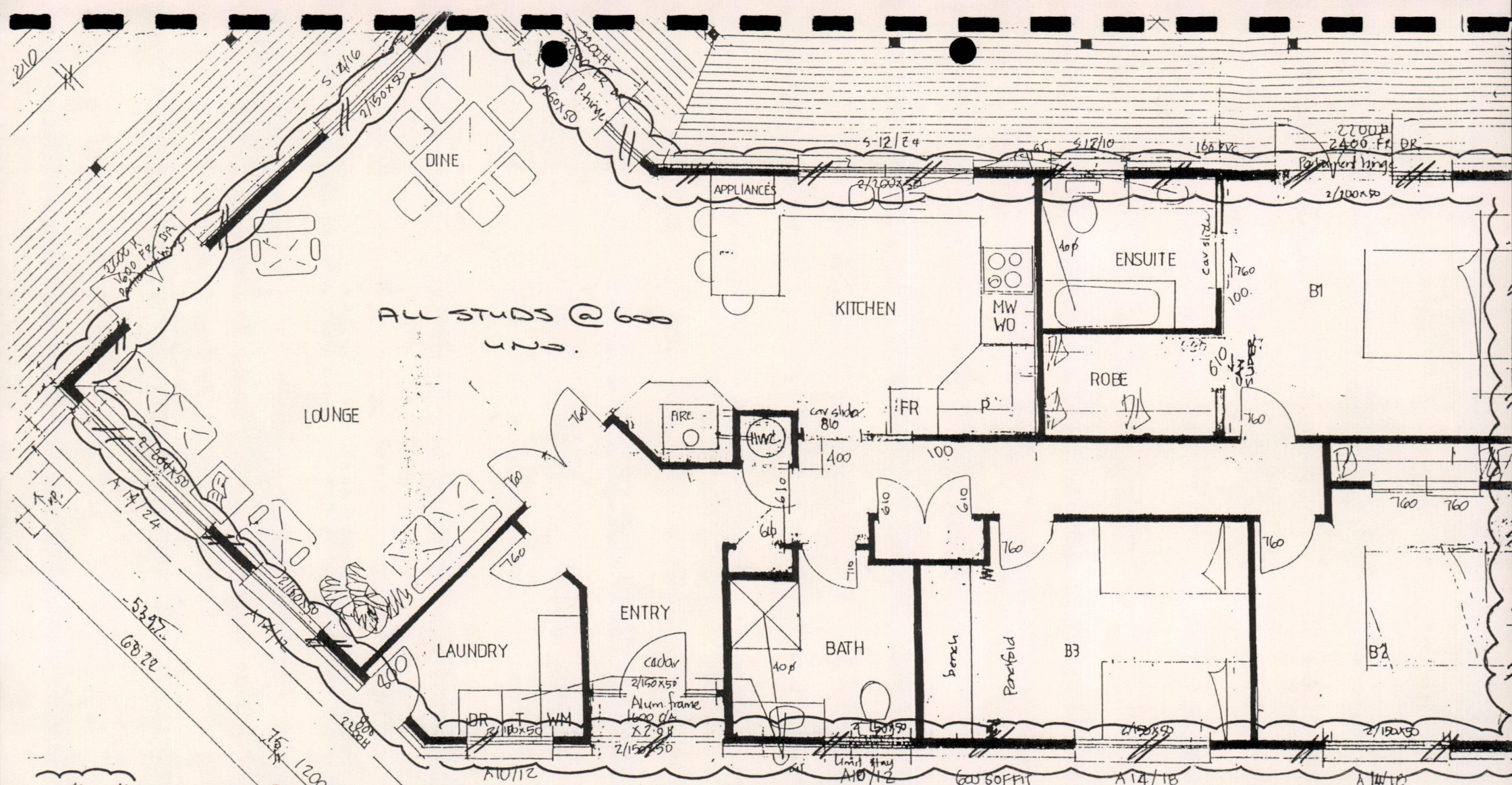
STRUCTURAL DESIGN

Shampkin 09-4082408  
Karlisa  
16 Church Rd

NO OF STUDS AT OPENINGS

HUDSON RESIDENCE

12101



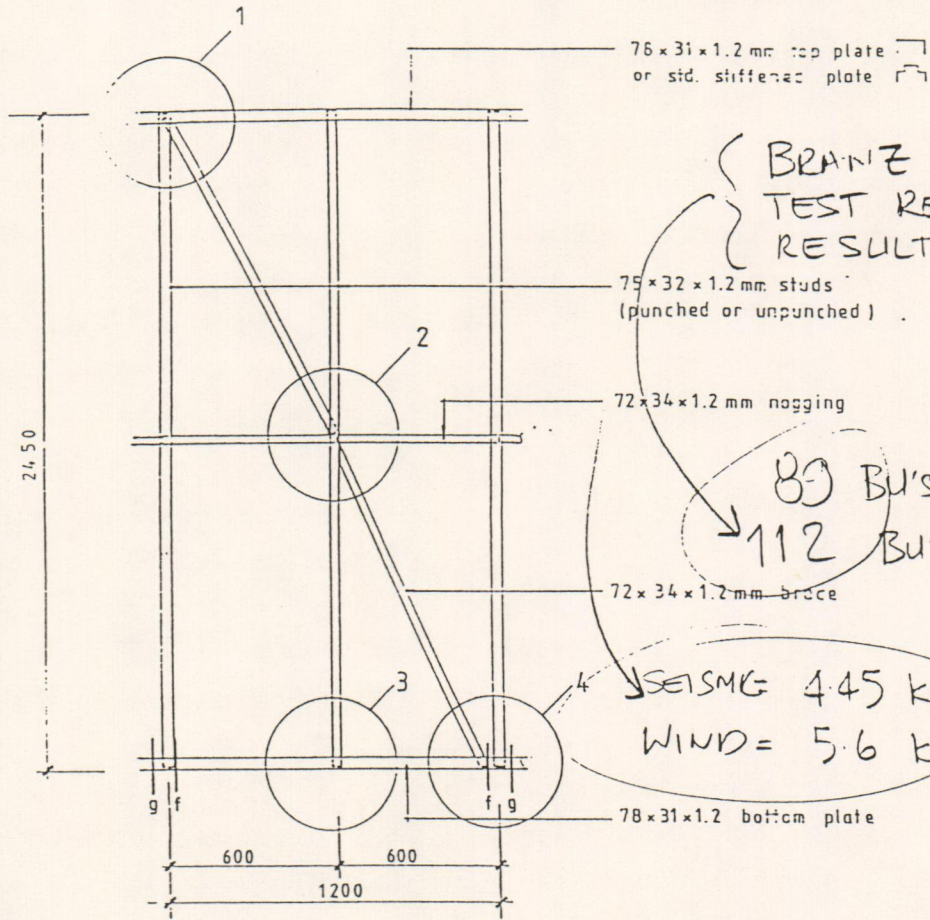
ALL STUDS @ 600 UNOS.

== LOAD BEARING WALL & OR EXTERNAL WALL. 4824

2125	75	1800	900	75	830	75	510	405	75	3500	1511	1125	75	2420	75
2200		1800	75		2420			75		4560				3620	75
		14900								10900					

FLOOR PLAN 1:30 dimensions to framing ob



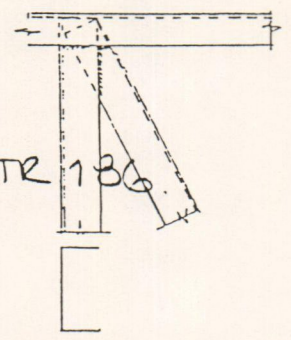


BRANZ  
TEST REPORT STR 186  
RESULTS.

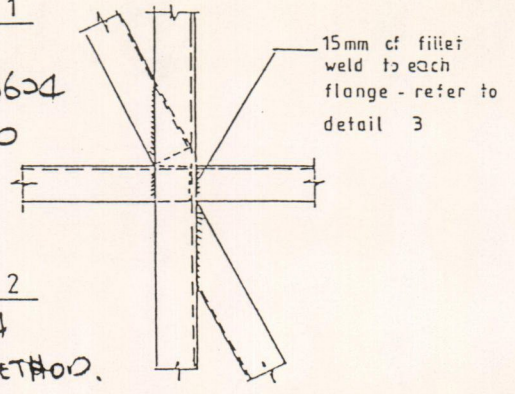
89 BUS SEISMIC } NZS 3604  
112 BUS WIND } 1990

SEISMIC 4.45 kN }  
WIND = 5.6 kN } NZS 4203:1984  
ALTERNATIVE METHOD.

$Z = 89 \text{ BUS}$  1200 panel 4.45 kN  
 $Z = 52 \text{ BUS}$  300 panel 2.6 kN



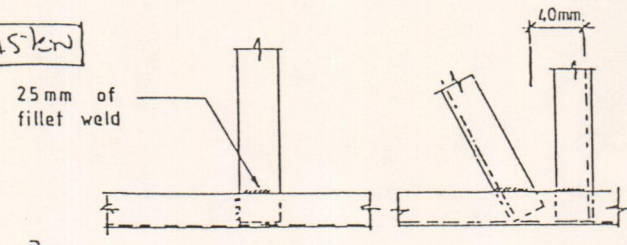
DETAIL 1



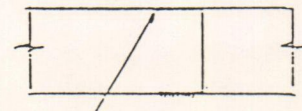
DETAIL 2

Fix gibraltar board lining to steel studs using 25mm x 6g single head tek screws at 300 c/c at sheet edges and internal fixing points

15mm of fillet weld to each flange - refer to detail 3



DETAIL 3



DETAIL 4

25mm of fillet weld (typical of braced bays)

ELEVATION 1-20

NOTES

- Provide 30mm of fillet weld on each flange at each end of brace
- Fit top brace before nog
- Refer to framing plan and frame elevations for bracing requirements.
- Base fixing requirements:

Concrete floor slab.. use T12060 Trubolts or epoxy grouted holding down bolts with 32 x 2 mm washers at 'f'

Timber floor.. use 12g x 75 long hexagonal washer head screws at 'f' and 'g'

No.	AMENDMENTS	Date

**Royds Garden** Consulting Engineers & Planners

Royds Garden Limited  
Christchurch, Auckland, New  
Balounga, Alameda, Quez  
Damonu, Timaru, Greymouth  
Barnham, Palmerston North

FB	Intacts	Date	TR	Intacts
SURV			CH	
DGN.			APP	
DR	MH	JUL-91		

STEELTECHNOLOGY (NZ) LTD.

STANDARD BRACING DETAILS FOR 75mm WALLS

TYPE 'Z'  
1200 x 2400 high  
BRACED PANEL

SCALE: 1-20, 1-5

41348 - 2

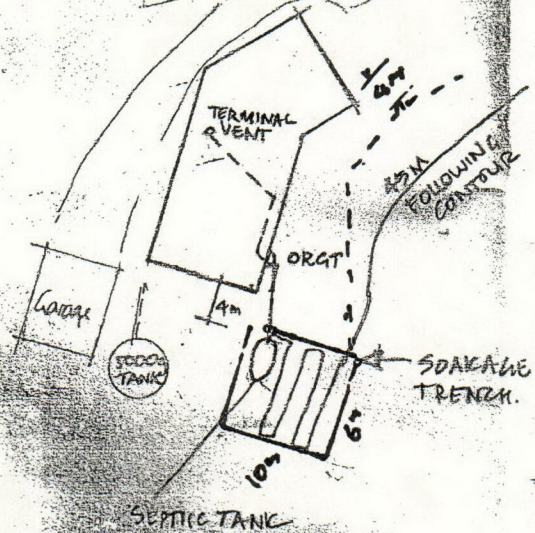
POOR QUALITY

EVAPORATION TRENCH 10 x 6 meters

SOAKAGE TRENCH DOES FOLLOW CONTOUR  
& PASSES APPROX 4m FROM SE CORNER OF HOME

(CHECKED BY ROD PROBE 5/9/2010)

A.R. Hudson.



BOUNDARY

BOUNDARY

DRIVE

NOTE: DRAINAGE WAS BY MANGONUI PLUMBING. (out of business now)

A. HUDSON.  
Lot 1 9440ha  
subdv. of 128983

A. HUDSON  
Lot 1 9  
subdv. of  
AS BUILT  
By Alan

AS BUILT DRAINAGE PLAN  
By Alan Simpkin Architectural Designer. 3/9/2010

142.46

1:500

DRAINAGE PLAN