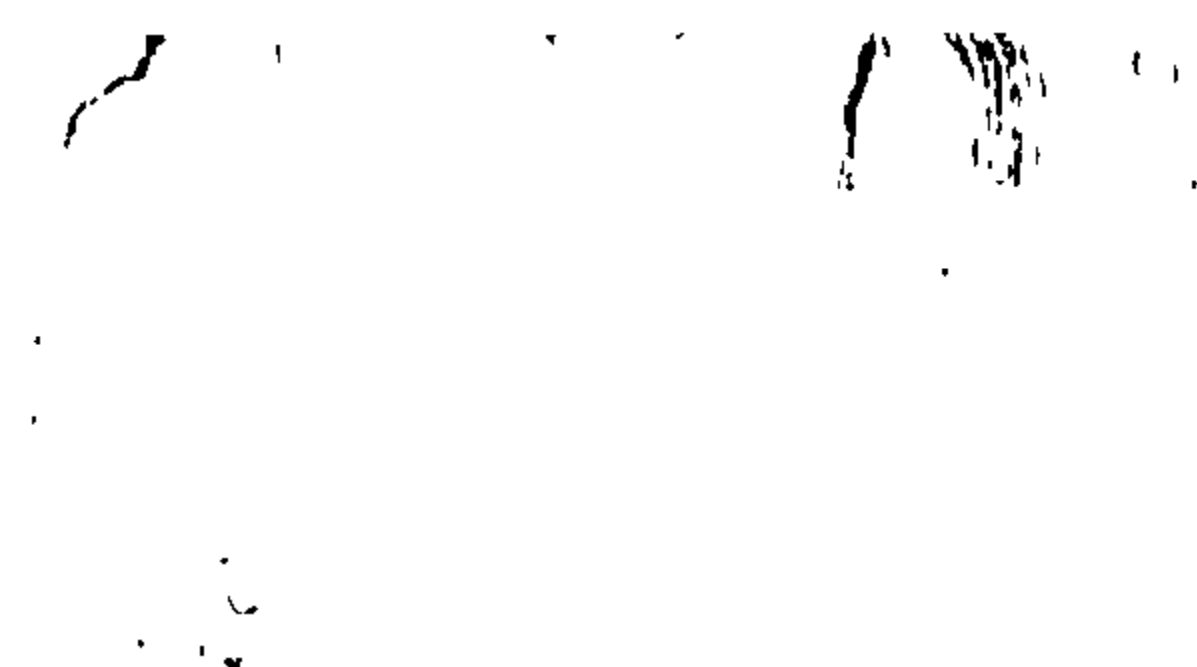




24 MT

BUILDING CONSENT

109358P

PROPERTY ID

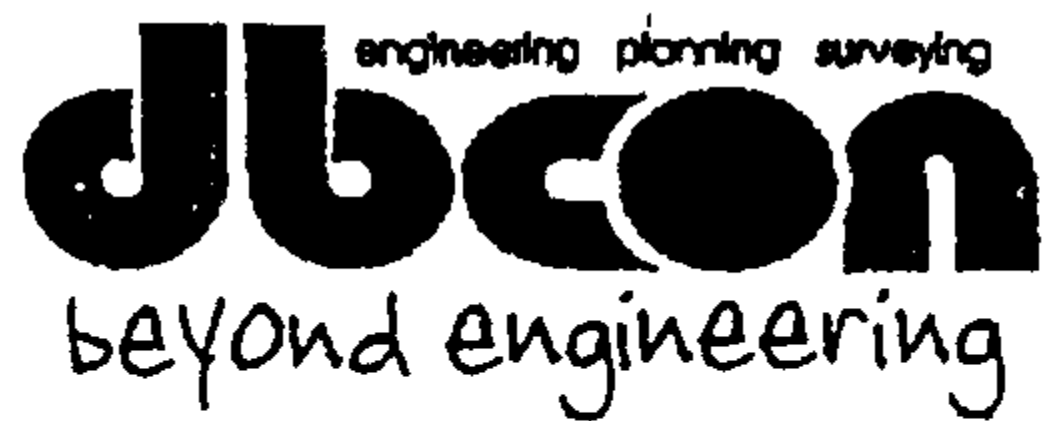
098607



109358P

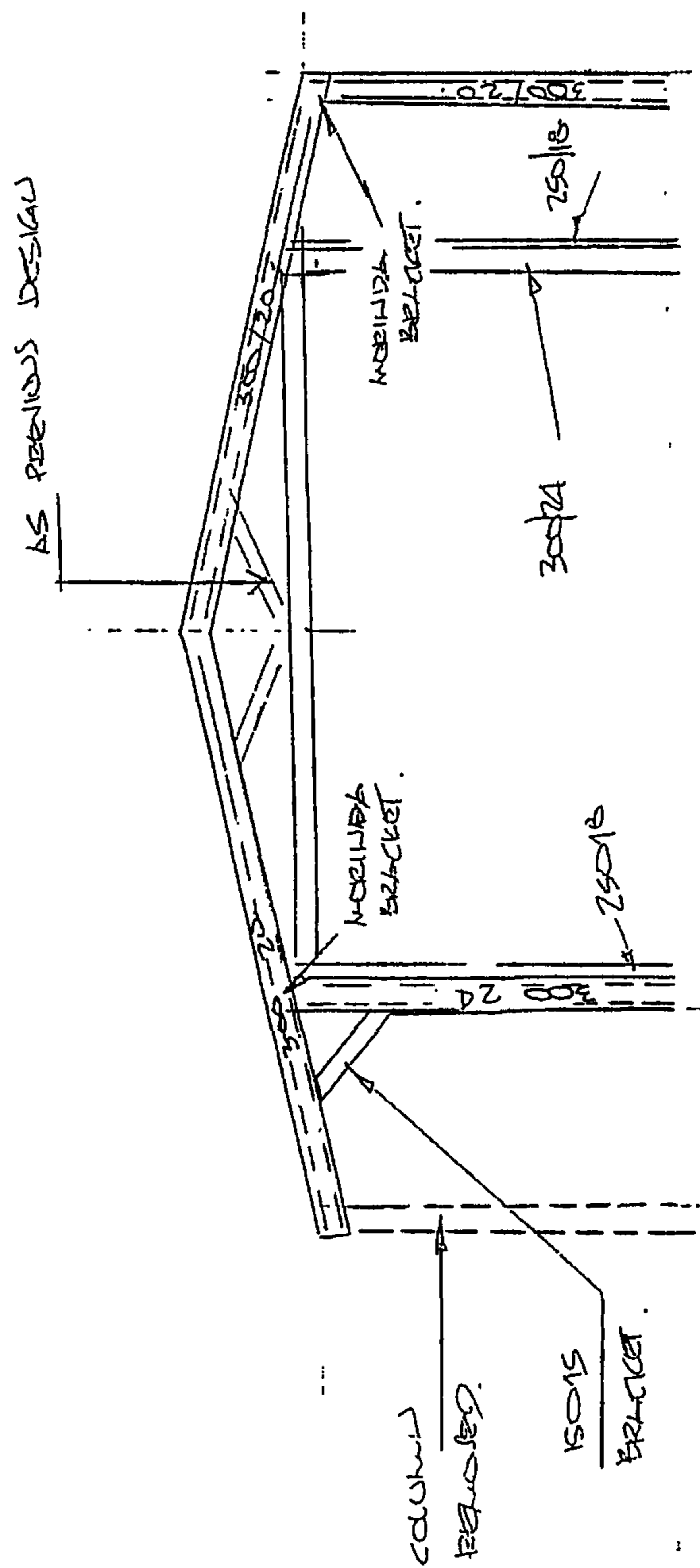
AMENDMENT

01 - 280910

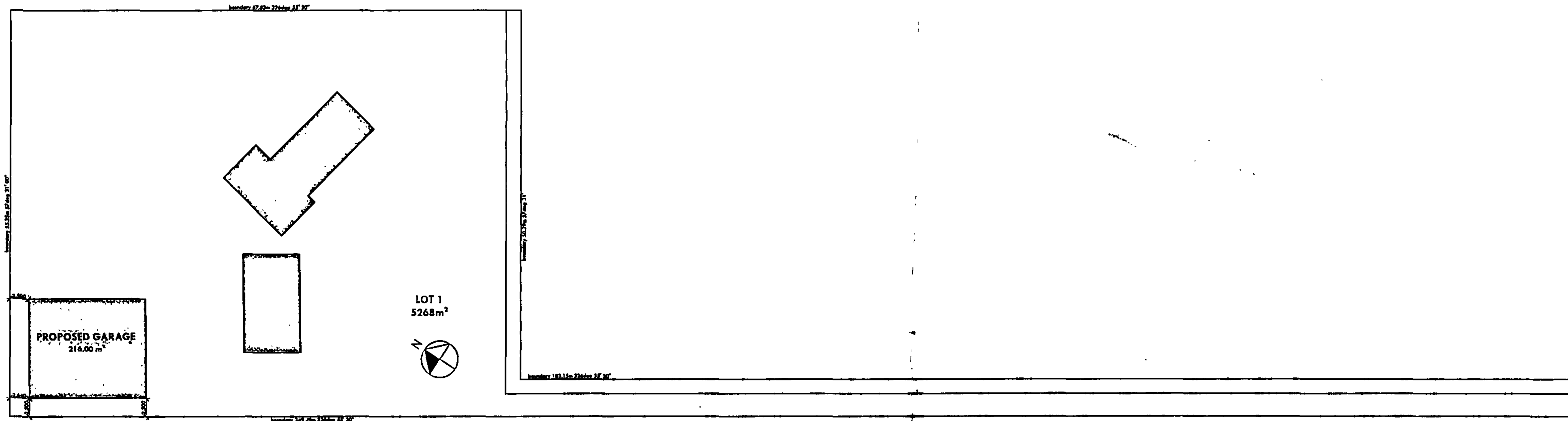


Cnr Spa Road & Rotokawa St
PO Box 1123, Taupo 3351
PH: 07-378 5067
FAX: 07- 378 2800

Project			Job ref.
			10125.
Drawing ref.	Calculations by	Revision	Sheet No.
	BKS.		SK1.
Element			Date
Calculations			Output



SUGGESTED DETAIL



45168 RWD 16-2-10

WARNING
Special Conditions Apply:—
Refer to Building Consent Documents
Before Commencing Work.

NPDC OFFICE COPY
This Building Consent is approved under the
Building Act and is limited to new work only as
shown on these plans and related specifications
Approved: *[Signature]* Date: 21/4/10

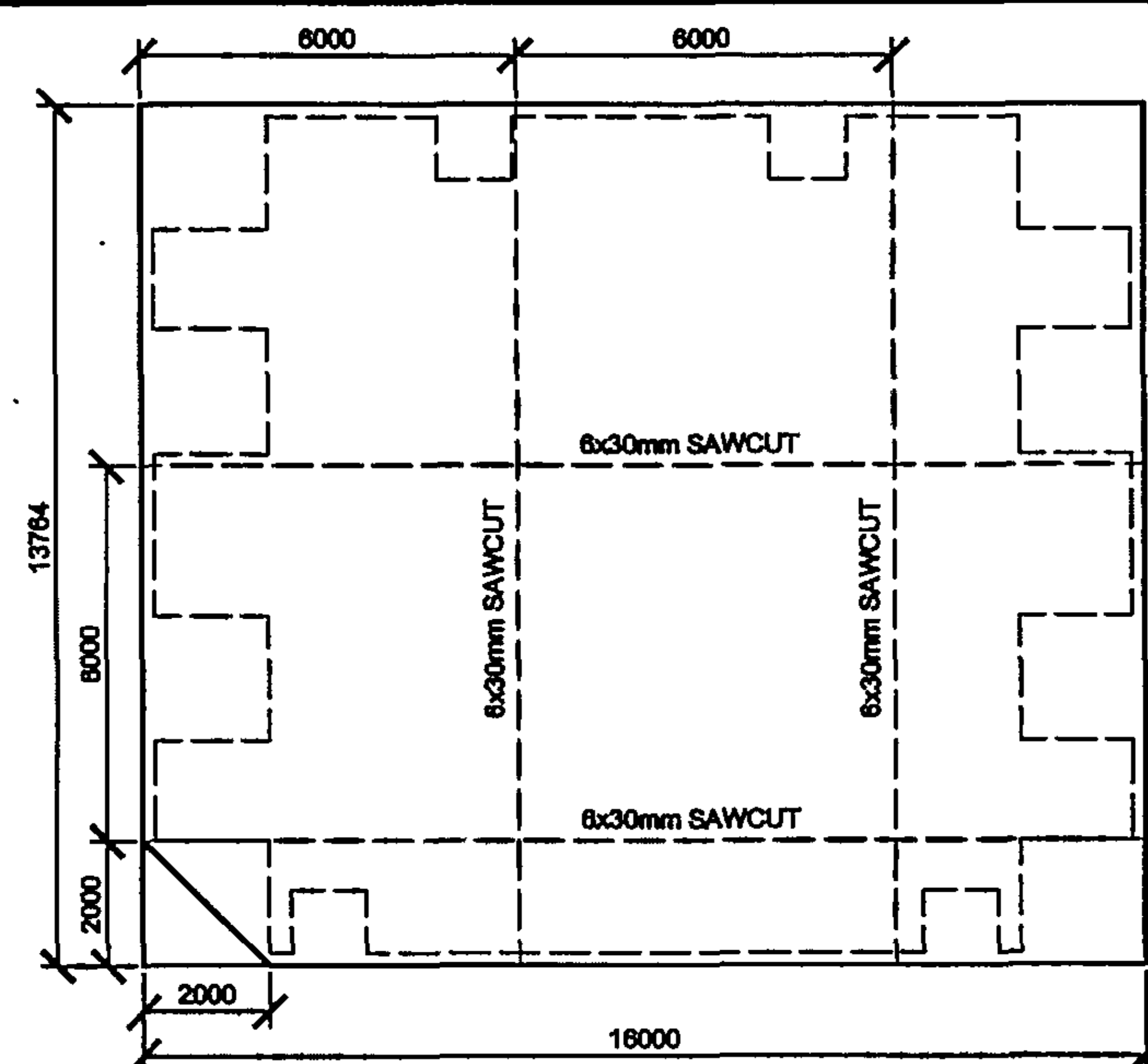
BC10/109358

1-4-10

Drawing Title Site Plan	Drawing Status	SHED B S S	© COPYRIGHT The design and construction documentation remain property of CADLAB Ltd. No reproduction or modification of these documents are to occur without written authorisation.
			Job Number
A D N Z		Drawing Number A1	

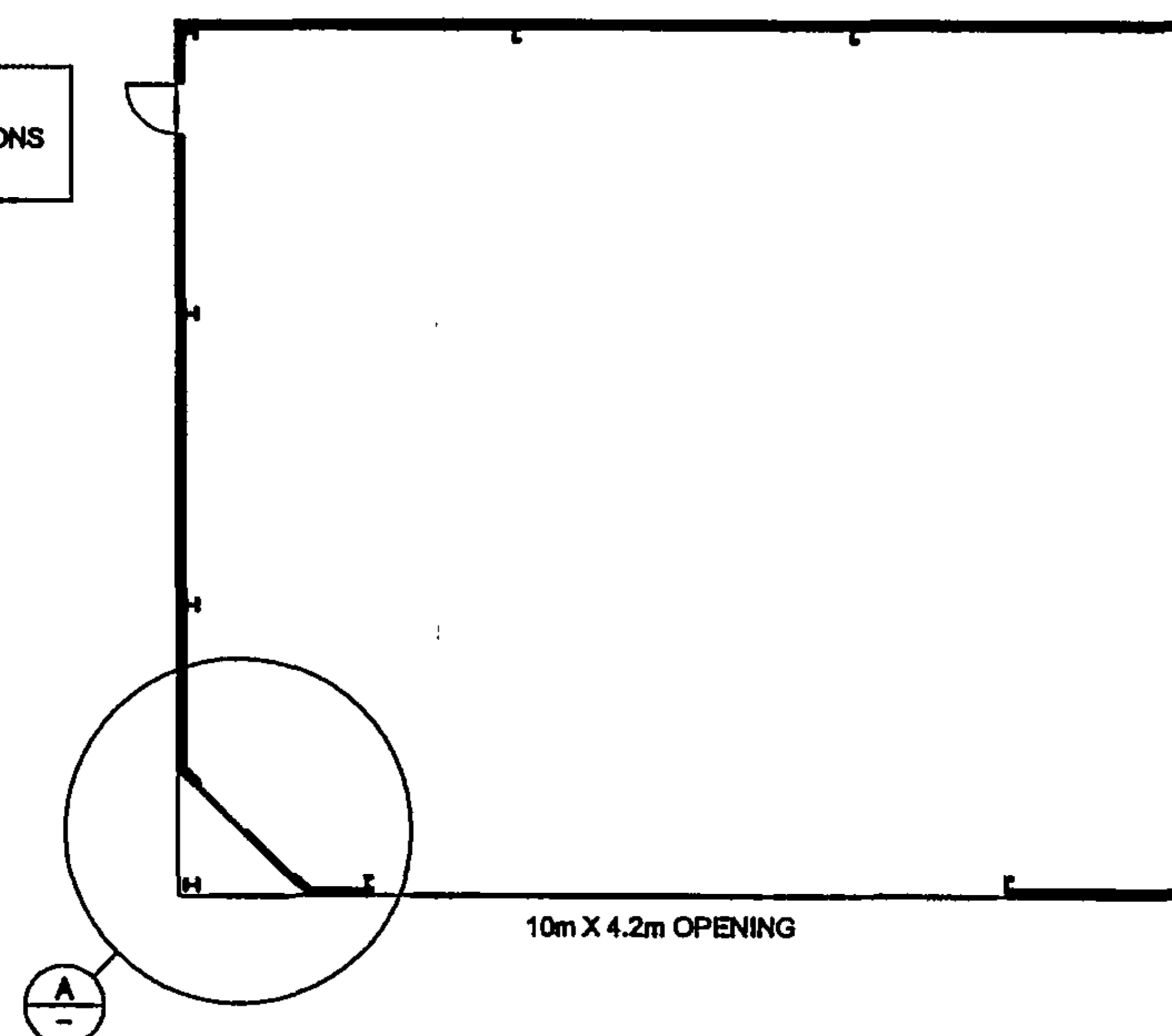
NPDC Approved
21 APR 2010

CADLAB
ARCHITECTURE
P(07) 5780888 E design@cadlab.co.nz
Level 1, 11267 Cameron Road, Tauranga
P.O. Box 9340, Greerton, Tauranga

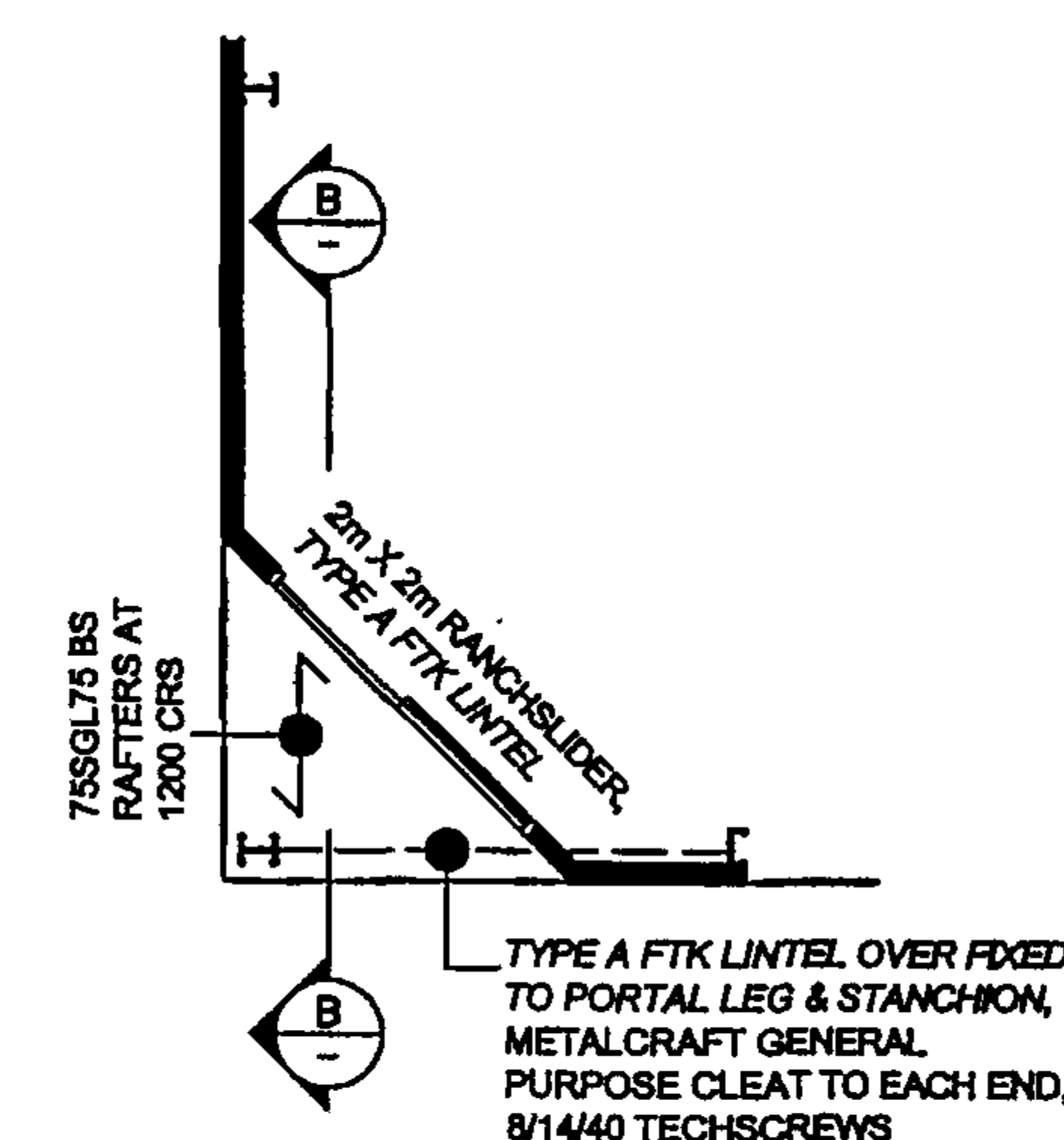


**FOUNDATION PLAN
1:200**

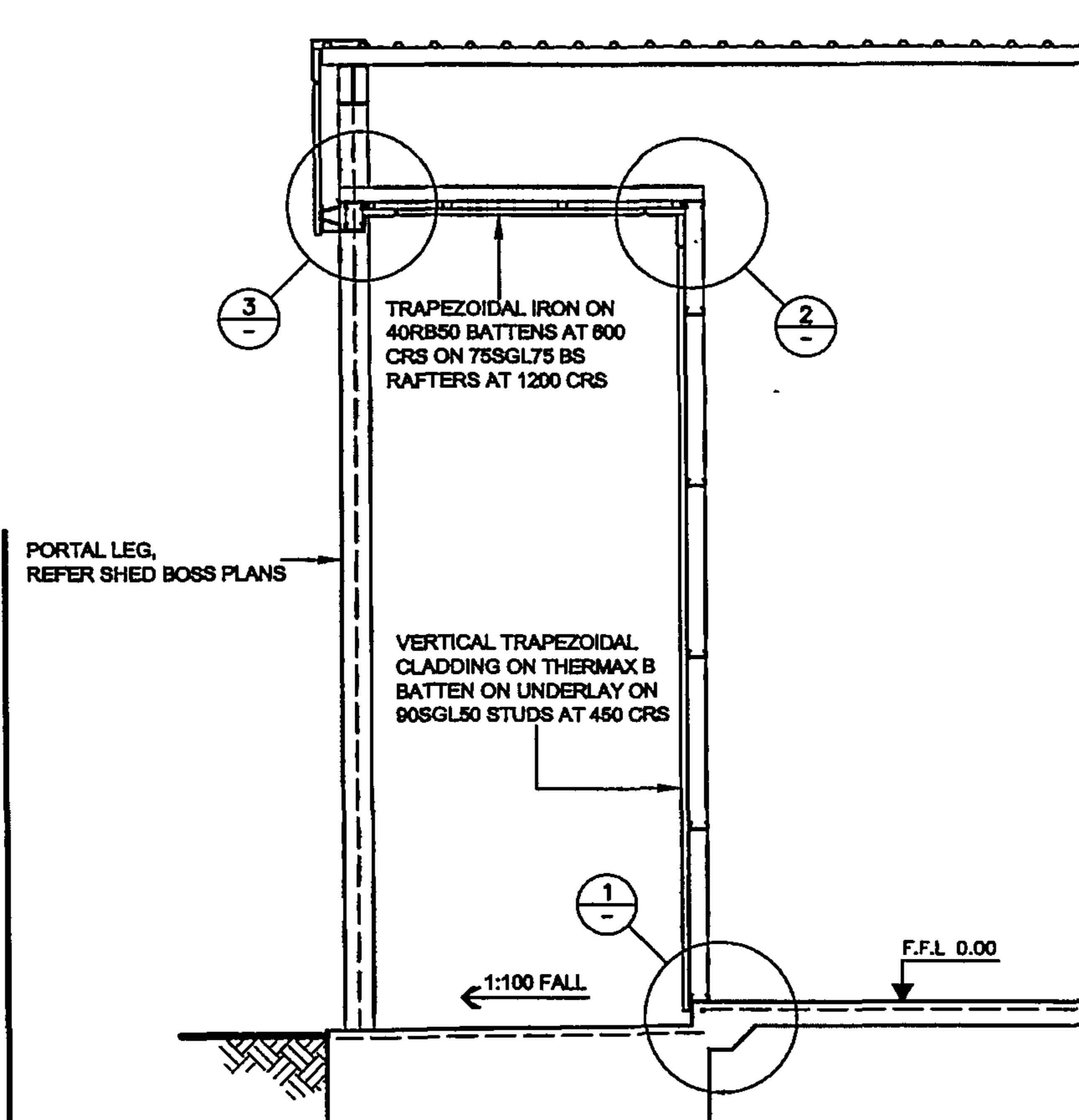
NOTE
REFER SHED BOSS PLANS & SPECIFICATIONS
FOR CONSTRUCTION DETAILS



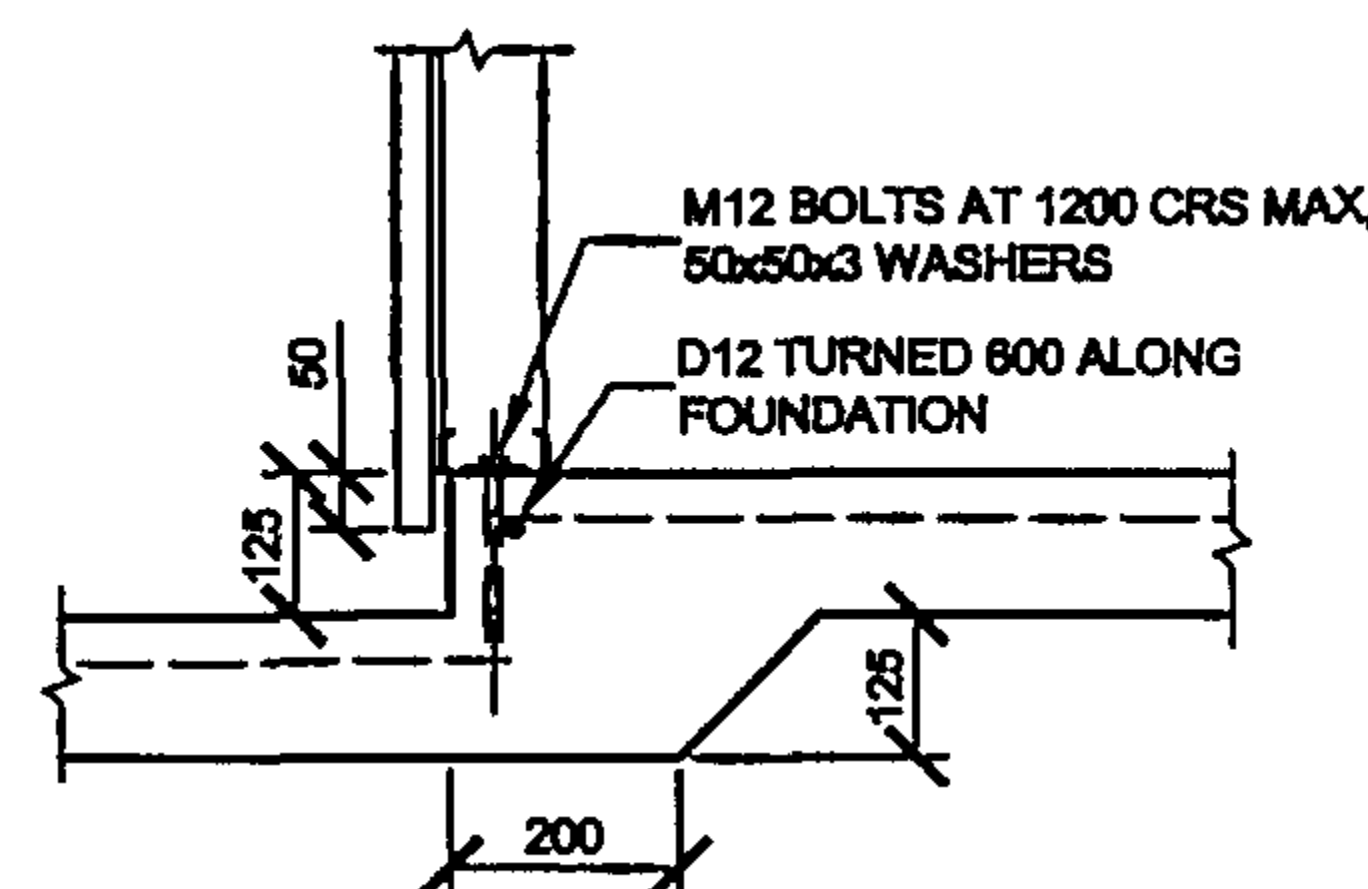
**FLOOR PLAN
1:200**



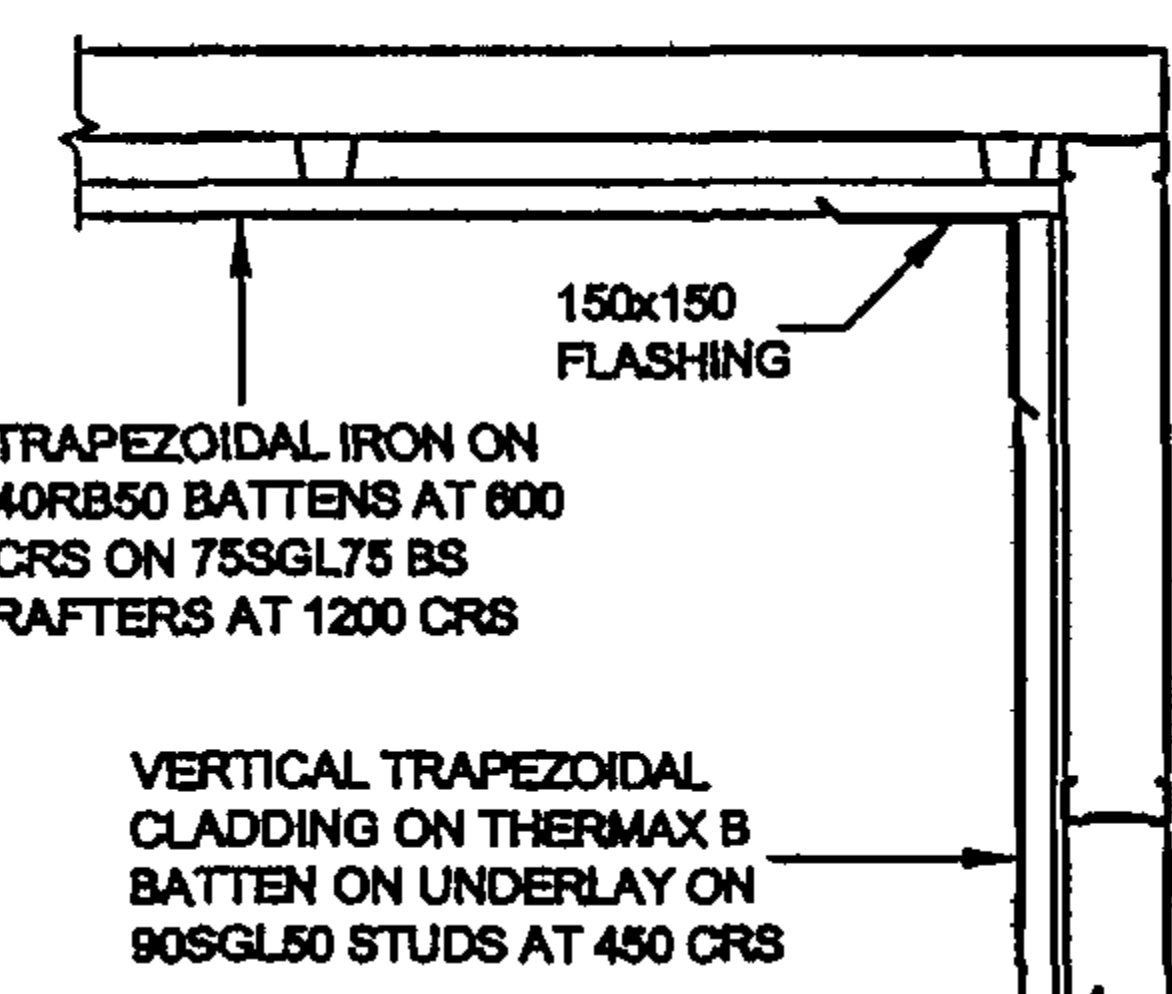
**PART FLOOR PLAN
1:100**



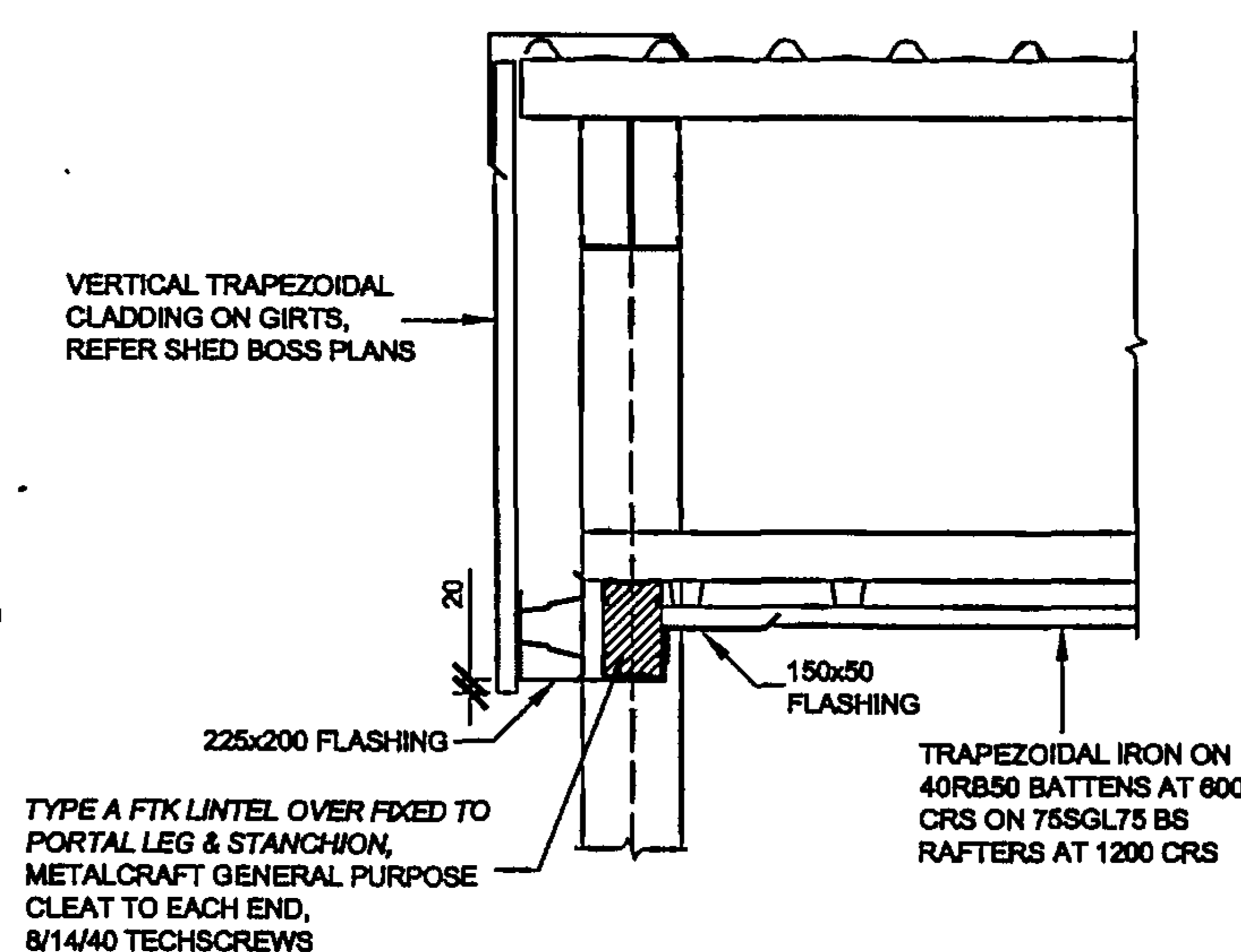
**PART SECTION
1:50**



**FOUNDATION DETAIL
1:50**



**ROOF/WALL JUNCTION
1:50**



**ROOF/WALL JUNCTION
1:50**

**NPDC Approved
21 APR 2010**

NOTES			
B	DRAWING UPDATED	2.03.10	JM
A	FOR APPROVAL	23.02.10	JM
ISSUE	AMENDMENT	DATE	BY

**PROGRESSIVE
DESIGN
LTD**
45 McLEAN ST WAITARA
P.O. BOX 215 WAITARA
Tel - Fax - 06 7544453
Email prod@xtra.co.nz

**SHED
BOSS**
Shed Boss Taranaki
P.O. BOX 1022 New Plymouth
PH: (06) 769 6799
FAX: (06) 769 6798

TITLE
NEW BUILDING FOR
BEACH RD TRUST
BEACH ROAD
URENUI

Drawn Design	J McCulloch	FEB 2010	A1 SCALE	
			A2 SCALE	
			A3 SCALE	1:200, 1:100, 1:50, 1:20
SHEET CONTENTS			ISSUE	SHEET No.
PLANS SECTION DETAILS			B	L01
			JOB No. 10-015	

Cert No C7762

DesignCertC7762

JOHN L TOWLER

Structural and Civil Engineering
Registered Engineer of Qld
Ph 07 5482 1146
Fax 07 5482 3854

Standard Building Regulation 1993
Structural Design Certificate

Part (A) DESIGN CERTIFICATE

- 1 I certify that the building work described below has been designed in accordance with the principles of structural mechanics to sustain the most adverse combinations of loads to which it is likely to be subjected in accordance with the Building Code of Australia/New Zealand to the Standards listed below.

Description Proposed standard engineering details for standard sheds

Drawing Nos NZCOM-9/01 rev A - 9.0m wide Building, 4.5m & 6.0m bays, regions A6, A7 & W
NZCOM-9/02 rev A - 9.0m wide Building, 4.5m & 6.0m bays, regions A6, A7 & W
NZCOM-12/01 rev A - 12.0m wide Building, 4.5m & 6.0m bays, regions A6, A7 & W
~~NZCOM-12/02 rev A - 12.0m wide Building, 4.5m & 6.0m bays, regions A6, A7 & W~~
NZCOM-15/01 rev A - 15.0m wide Building, 4.5m & 6.0m bays, regions A6, A7 & W
~~NZCOM-15/02 rev A - 15.0m wide Building, 4.5m & 6.0m bays, regions A6, A7 & W~~
NZCOM-18/01 rev A - 18.0m wide Building, 4.5m & 6.0m bays, regions A6, A7 & W
NZCOM-18/02 rev A - 18.0m wide Building, 4.5m & 6.0m bays, regions A6, A7 & W
NZCOM-21/01 rev A - 21.0m wide Building, 4.5m & 6.0m bays, regions A6, A7 & W
NZCOM-21/02 rev A - 21.0m wide Building, 4.5m & 6.0m bays, regions A6, A7 & W
NZCOM-24/01 rev A - 24.0m wide Building, 4.5m & 6.0m bays, regions A6, A7 & W
NZCOM-24/02 rev A - 24.0m wide Building, 4.5m & 6.0m bays, regions A6, A7 & W

Erected For Shed Boss New Zealand
Location Various regions A6, A7 & W of New Zealand

- 2 The relevant Australian/New Zealand Standard Codes. Specifications and references relied upon the design of the building work are as follows:

AS/NZS 1170.0 General Principles
AS/NZS 1170.1 Permanent & Other Actions
AS/NZS 1170.2 Wind Actions
AS/NZS 1170.3 Snow & Ice Loads
NZS 1170.5 Earthquake Loads
NZS 3404, NZS 3401, AS/NZS1594, AS/NZS 3679, NZS/BS 4848 Steel Structures Code
AS 2870 Residential Slabs and Footings
AS/NZS 4600 Cold Formed Section Code
AS 3600 Concrete Code

3. The basic design criteria and assumptions used in the design are:-

- (i) Wind Forces
- Region A6, A7 & W (All regions of New Zealand)
 - AS/NZS1170.2 Equivalent W33N (N2)
 - AS/NZS1170.2 Equivalent W41N (N3)
 - AS/NZS1170.2 Equivalent W50N (N4)
 - AS/NZS1170.2 Equivalent W41C (C1)
 - AS/NZS1170.2 Equivalent W50C (C2)
 - NZS 3604 Equivalent MEDIUM, HIGH, VERY HIGH
 - Internal pressure coefficients -0.3, +0.2 Non-Cyclonic
 - Internal pressure coefficients -0.65, +0.7 Cyclonic
 - Internal pressure coefficients 0 for Open Structure
 - Importance Level 2
- (ii) Footings and Foundations
- Soil Classification M - Moderately reactive soils
 - Soil Report Ref. - Assumed Class M - Natural ground or controlled fill
 - Design bearing pressure 100KPa

- 4 - Other relevant information
N/A

5 Design Floor Live Load 5KPa for slabs

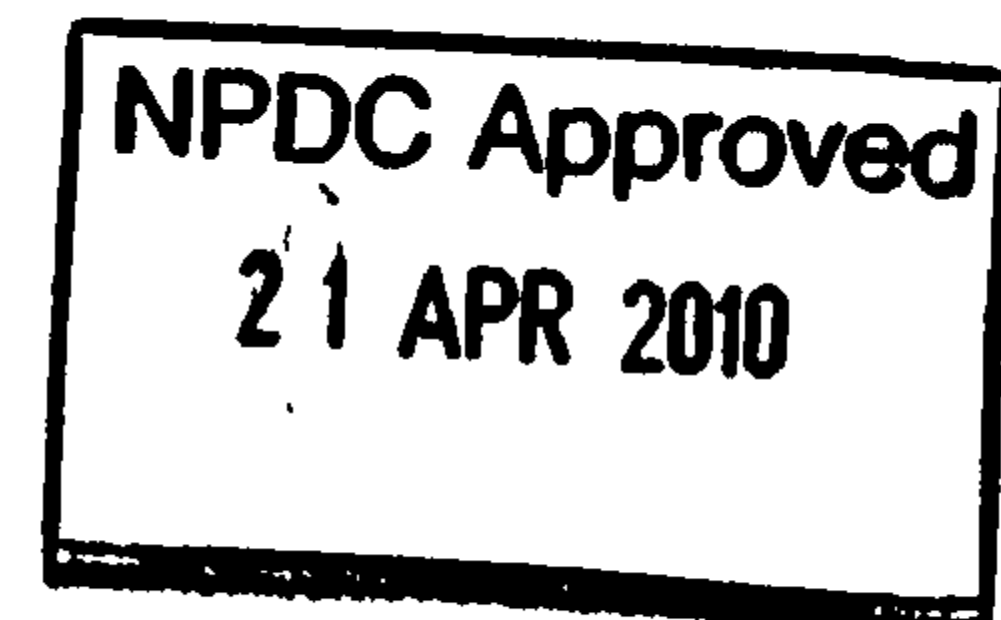
6 Class of Building - 7, 8, 10a Type of Construction C

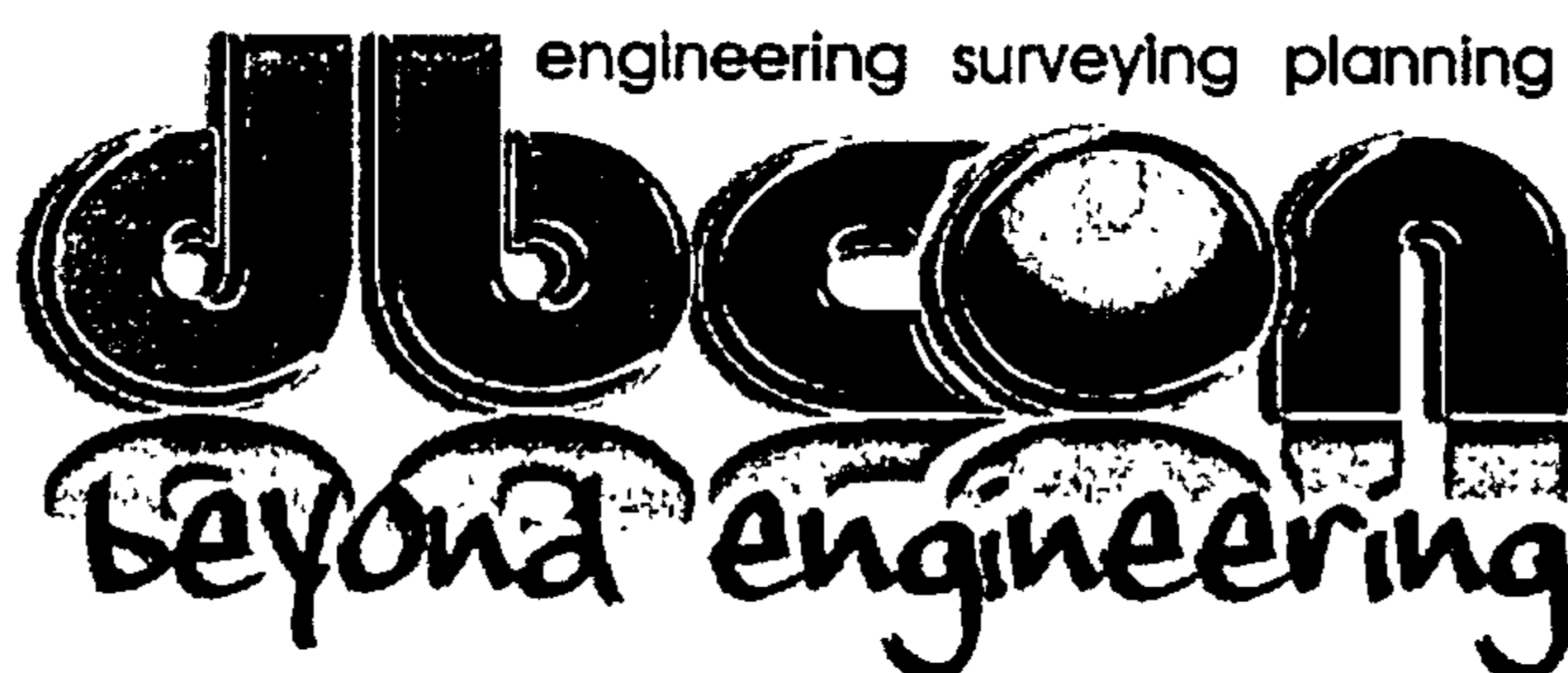
7 Name of Signatory - John L. Towler
Position - Certifying Engineer
Professional Qualifications - B.E. (Civil) C.P.Eng(Structural) M.I.E(Aust)
N.P.E.R 131 7430 R.P.E.Q. No 4562

Signature...

John Towler

Date
October 20, 2009





COPY

Derek Booth Consultancy t/a DBCON
Corner of Spa Road and Rotokawa
Street
PO Box 1123
TAUPO 3351

Ph: 07 378 5067

Producer Statement PS2 Engineering Design

Proposed Workshop/Shed for Fineline 16 Beach Road New Plymouth

Job Ref. 10125

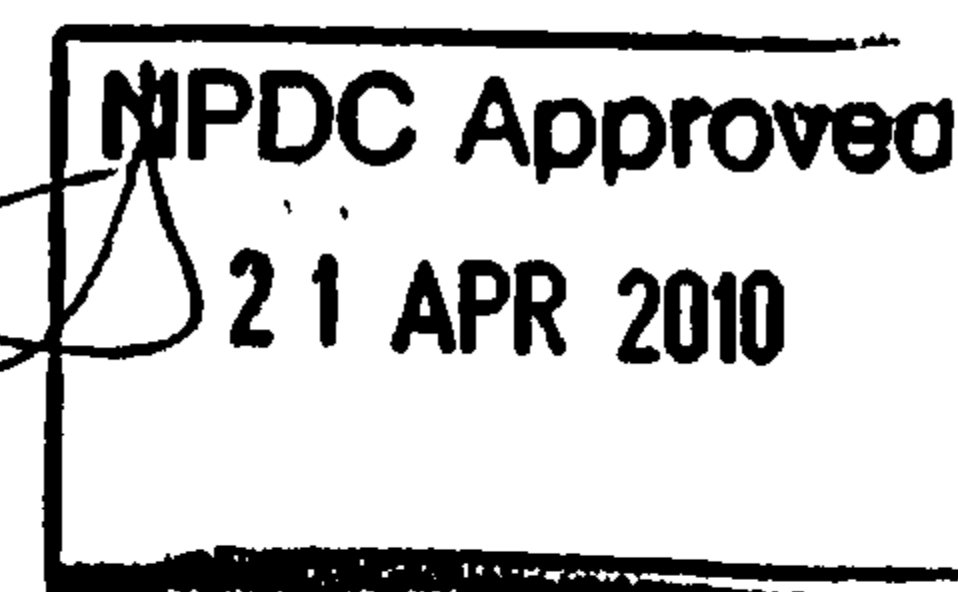
Date: 16th March 2010

Prepared by: Barry Smith
Engineering Manager

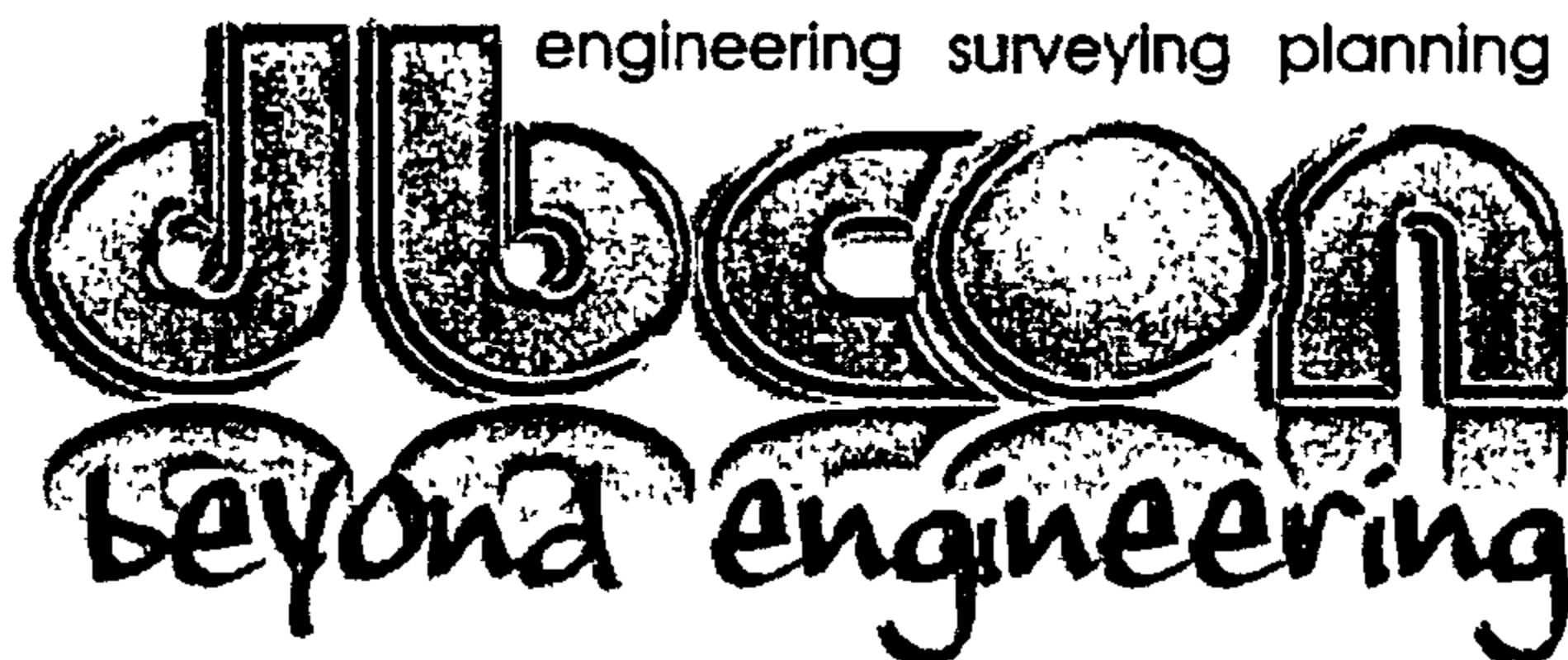
Peer Reviewed
by:

Derek Booth
Chartered Professional Engineer

NPDC Approved
21 APR 2010



Client: Shedboss
New Plymouth



Derek Booth Consultancy t/a DBCON
Corner of Spa Road and Rotokawa
Street
PO Box 1123
TAUPO 3351
Ph: 07 378 5067

16th March 2010

10125BS

STRUCTURAL SPECIFICATION

NEW WORKSHOP/OFFICES FOR FINELINE NEW PLYMOUTH

Description

SIZE: Workshop: 16.0 x 13.8
Bays generally 5.3m c/c. Max Ht = 4.2m
Chosen Wind Speed W41N (Actual design wind speed according to AS1170 = 40.95m/s
SNOW LOADING None
GROUND BEARING 100 Kpa

Specification

SHEDBOSS drawings 1-4 incl, together with NZCOM 15/01 and 02 have been checked, signed and confirmed for the above proposed building in relation to the following structural elements only:

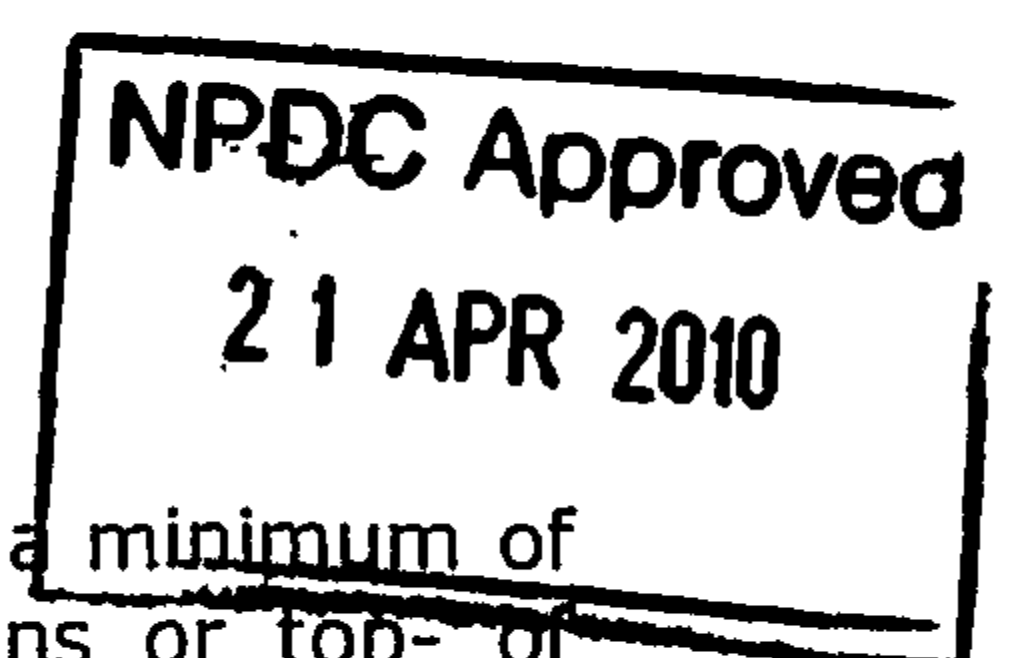
CENTRAL PORTALS	C40020
CENTRAL RAFTERS	C40020
KNEE BRACE	75 x 75 x 2.5 SHS. 2 central portals only
END BAY PORTAL LEGS	C20018
END BAY RAFTERS	C20018
END BAY MULLIONS	C25018
OPEN END BAY PORTAL	C30018
OPEN END BAY RAFTER	C30018
EAVES BEAM	C15015
PURLINS	120 Top Hat 0.95 @ 1100 c/c.
GIRTS	120 Top Hat 0.95 @ 1150 c/c.
BRACING	G550 50 x 0.75 Flat Strap 2 No bays required, Straps to be fixed using a minimum of 6 No 12g/20 Tek screws to face of columns or top- of purlins.
FOUNDATIONS	1500 x 1500 x 450 deep reinf'd with 2 layers 664 mesh bottom 90 cvr
EDGE THICKENING	200 x 200
SLAB	125 thick reinforced with 664 mesh 40 cover on DPM.

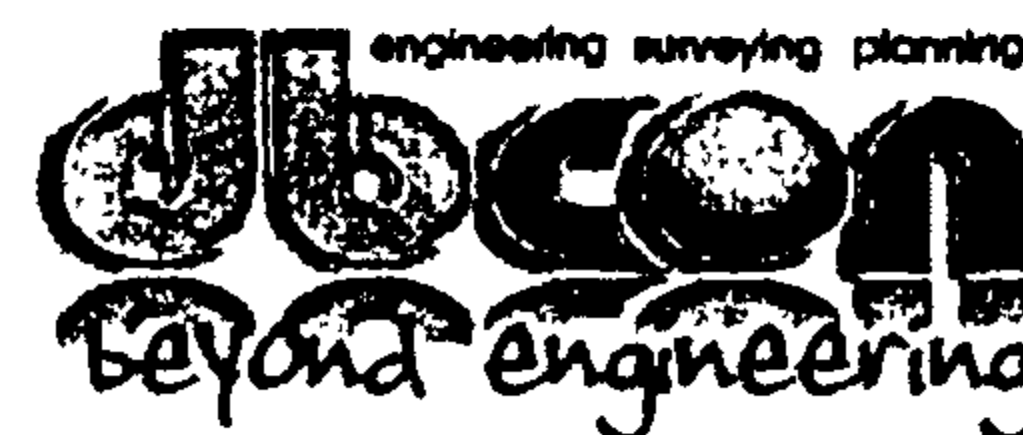
END BAY GABLE OVER OPENING

To be as shown on drawings 10125/ 01 – 05 Incl.

+Note:

- This statement applies to the members specified and no other part of the structure.
- If any problems arise during the construction of these members, we should be consulted.





Building Code Clause(s) B1/B2..

PRODUCER STATEMENT – PS2 – DESIGN REVIEW

(Guidance notes on the use of this form are printed on the reverse side*)

ISSUED BY: DBCON LTD.....
(Design Review Firm)

TO: SHEDBOSS NEW PLYMOUTH.....
(Owner/Developer)

TO BE SUPPLIED TO: NEW PLYMOUTH DISTRICT COUNCIL.....
(Building Consent Authority)

IN RESPECT OF: PROPOSED WORKSHOP BUILDING.....
(Description of Building Work)

AT: 16 BEACH ROAD NEW PLYMOUTH.....
(Address)

..... LOT 1..... DP 324159..... SO

We DBCON LTD..... have been engaged by SHEDBOSS NEW PLYMOUTH LTD.....
(Design Review Firm)

to review the design documents for this project in respect of the requirements of Clause(s) B1/VM1.B2/VM1.....
of the Building Code.

The Review is for ☐ All ☒ Part only of the design work prepared by SHEDBOSS LTD.....
(Design Firm)

as described in drawings titled NEW WORKSHOP BUILDING..... and numbered
L01..... the specification, and other documents set out in the
schedule attached to this statement according to which the building is proposed to be constructed.

The Review is in respect of as attached schedule..... or per attached schedule.
(aspects of design)

The Review confirms that these aspects of the design are in accordance with:

☐ Compliance Documents issued by Dept of Building & Housing B1/VM1.B2/VM1.....or
(verification method / acceptable solution)

☐ Alternative Solution as per attached schedule

On behalf of the firm undertaking this review, on the basis of the review undertaken, and subject to:

(i) site verification of the following design assumptions 100 kPa soils.....

(ii) all proprietary products meeting their performance specification requirements;

I believe on reasonable grounds the building, if constructed in accordance with the drawings, specifications and other documents provided or listed in the attached schedule, will comply with the relevant provisions of the Building Code.

I, Derek John Booth..... am: ☒ CPEng 15472.....
(Name of Design Professional)

☐ Reg Arch

I am a Member of: ☒ IPENZ ☐ NZIA and hold the following qualifications:

The Design Review Firm issuing this statement holds a current policy of Professional Indemnity Insurance no less than \$200,000*. The Design Review Firm is a member of ACENZ ☐ YES ☒ NO

SIGNED BY Derek Booth..... ON BEHALF OF DBCON Ltd.....
(Name of Design Review Firm)

Date 1.03.10..... (signature).....

Note: This statement shall only be relied upon by the Building Consent Authority named above. Liability under this statement accrues to the Design Review Firm only. The total maximum amount of damages payable arising from this statement and all other statements provided to the Building Consent Authority in relation to this building work, whether in contract, tort or otherwise (including negligence), is limited to the sum of \$200,000*.

This form is to accompany Form 2 of the Building (Forms) Regulations 2004 for the application of a Building Consent.



Hub Trading Ltd T/A Shed Boss Taranaki
P.O. Box 1022, New Plymouth NZ 4340
Tel 06 769 6799
Fax 06 769 6798
GST 90 703 935

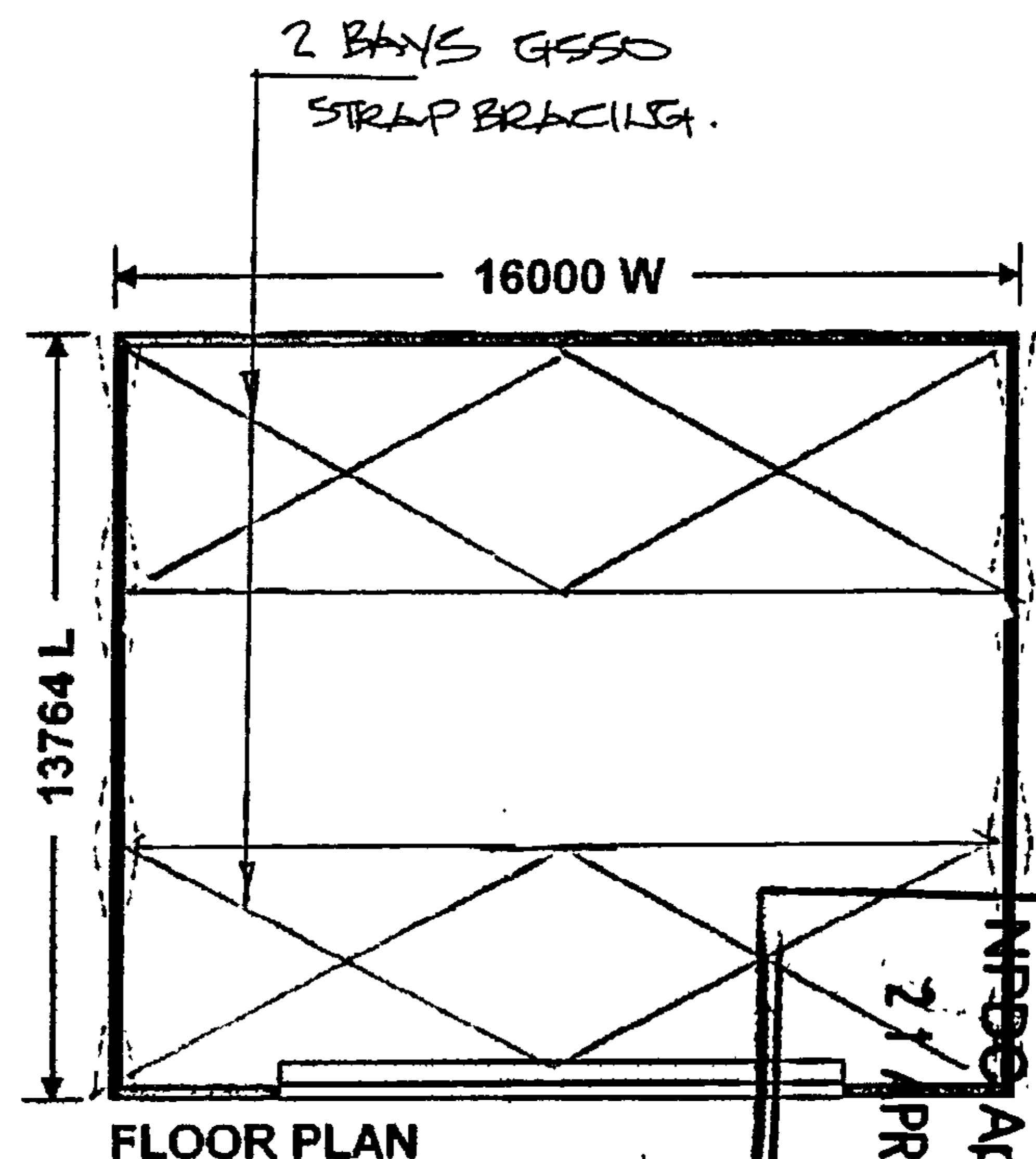
Plan Sheet

For : Ken Finline
Project No. : 1373-0-Finline
Lot No. : Lot 1
RP No. : DP 324159
Site Area :
Site Address : 16 Beach Road Urenui NZ
Parish :
County :
Windspeed : W41N:N3

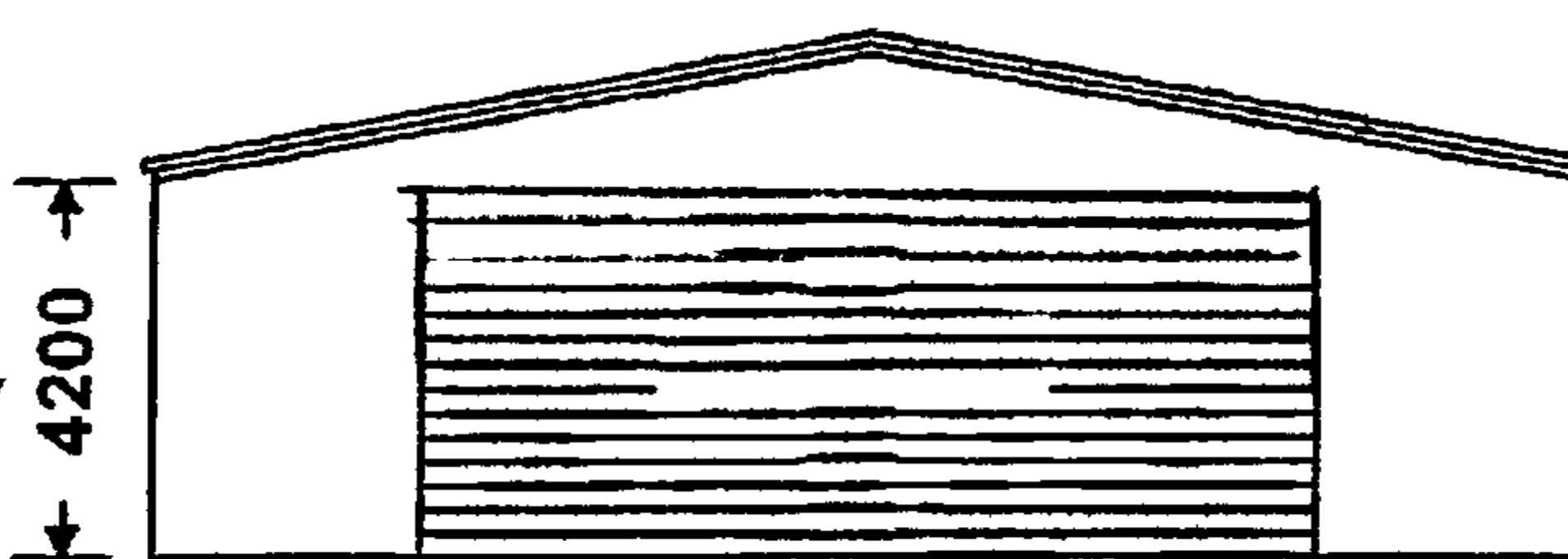
These drawings are to be read in conjunction with
Shed Boss standard structural detail drawings.
Use figured dimensions only. Drawing is NOT to scale.

DBCON
Cnr. Spa Rd & Pukekura
PO Box 1123
Taupo 3351
(Derek Booth Cons. Ltd trading as DBCON)
These drawings have been initialed by
Derek Booth CPEng in relation to structural
elements only.

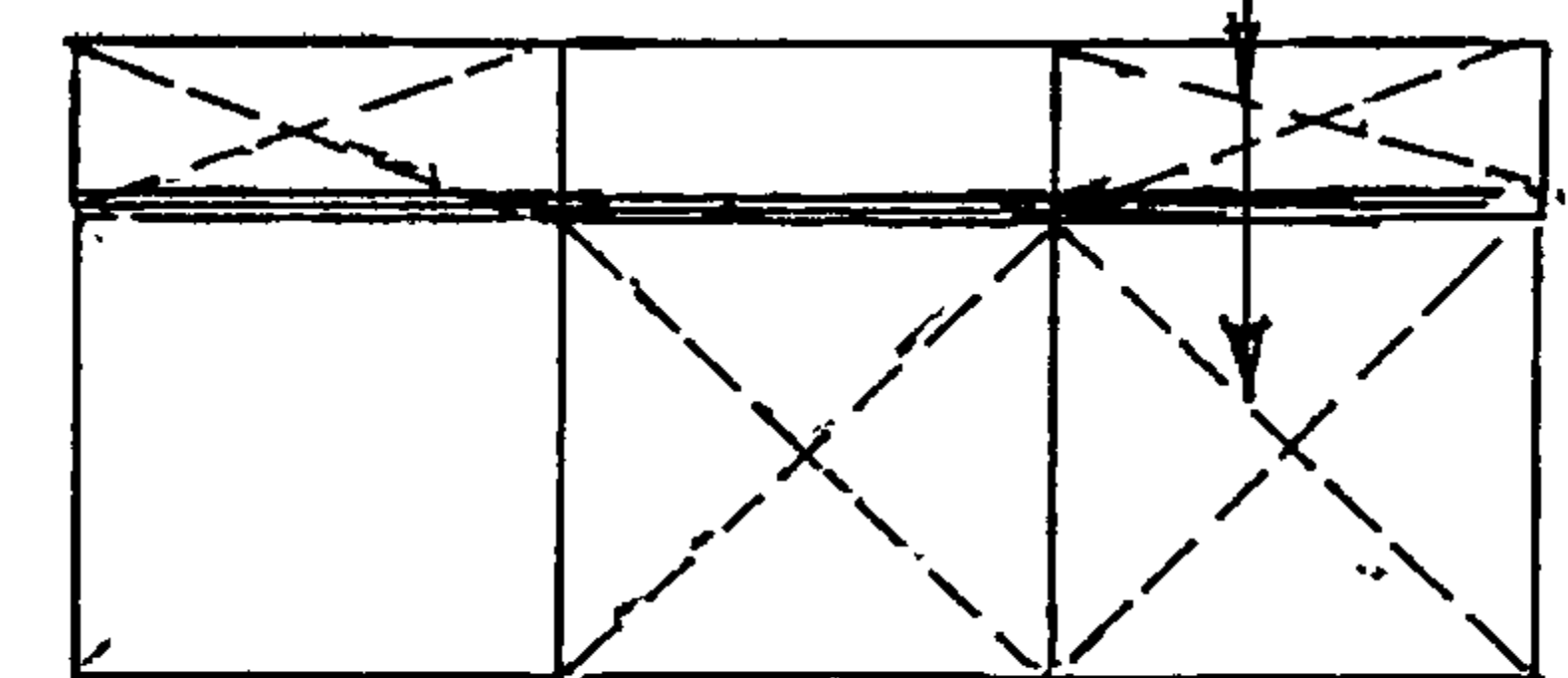
50mm Brace Strap.



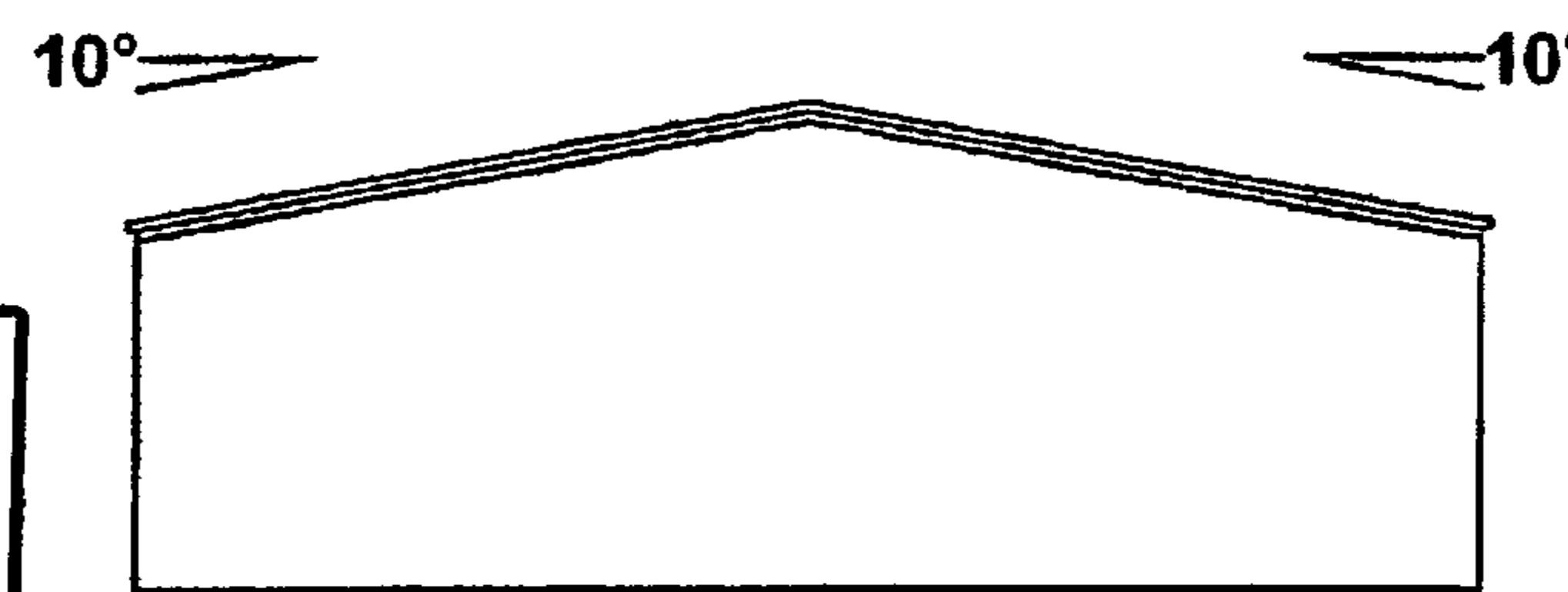
1373-1625-Finline Ken Finline v16.42.10.20090626



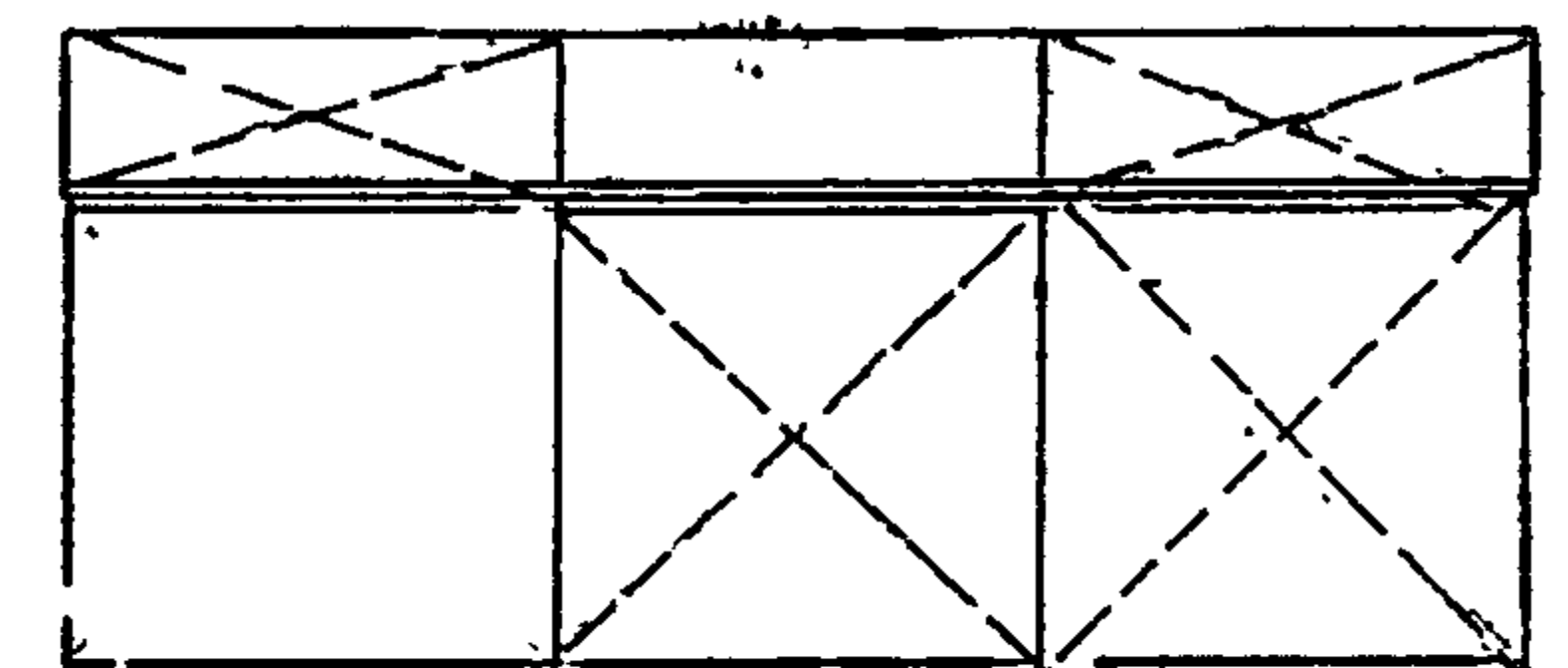
1. FRONT ELEVATION



2. RIGHT ELEVATION



3. REAR ELEVATION



4. LEFT ELEVATION

Printed Thu, 11-Mar-2010

Page 1

Approved
21 APR 2010

Determination Of Wind Loading in accordance with NZ1170:2

Site Wind Speed

$V_{sit,\beta} = V_r M_d (M_{zcat} M_s M_t)$

$V_r = 45$ m/s	$h = 4.2$ m
$M_d = 1.00$	$d = 13.7$ m
$M_{zcat} = 0.91$ Terrain Cat 2 <5.0m high	$b = 16$ m
$M_s = 1.00$	
$M_t = 1.00$ Site relatively level	

Therefore $V_{sit,\beta} = 40.95$ m/s $p = 1006.1$ C fig C dyn

design wind pressure = $0.6 (V_{des,\beta})^2 C_{fig} C_{dyn}$

C fig = $C_{pe} K_a K_c K_l K_p$ external pressures
= $C_{pi} K_c$ internal pressures

	walls windward	leeward	roof upwind	downwind
C_{pe}	0.8	-0.40	-0.9	-0.40

$h/d = 0.31$
 $d/b = 0.86$

$K_a = 1.00$ area reduction factor
 $K_c = 0.80$ combination effect (only to be used on whole building elements)
 $K_l = 1.00$ cladding
 $K_p = 1.00$ permeable cladding

	windward	leeward	upwind	downwind
C fig ext	0.64	-0.40	-0.72	-0.32

$C_{pi} = -0.3$
 $K_c = 0.80$

C fig int = -0.24

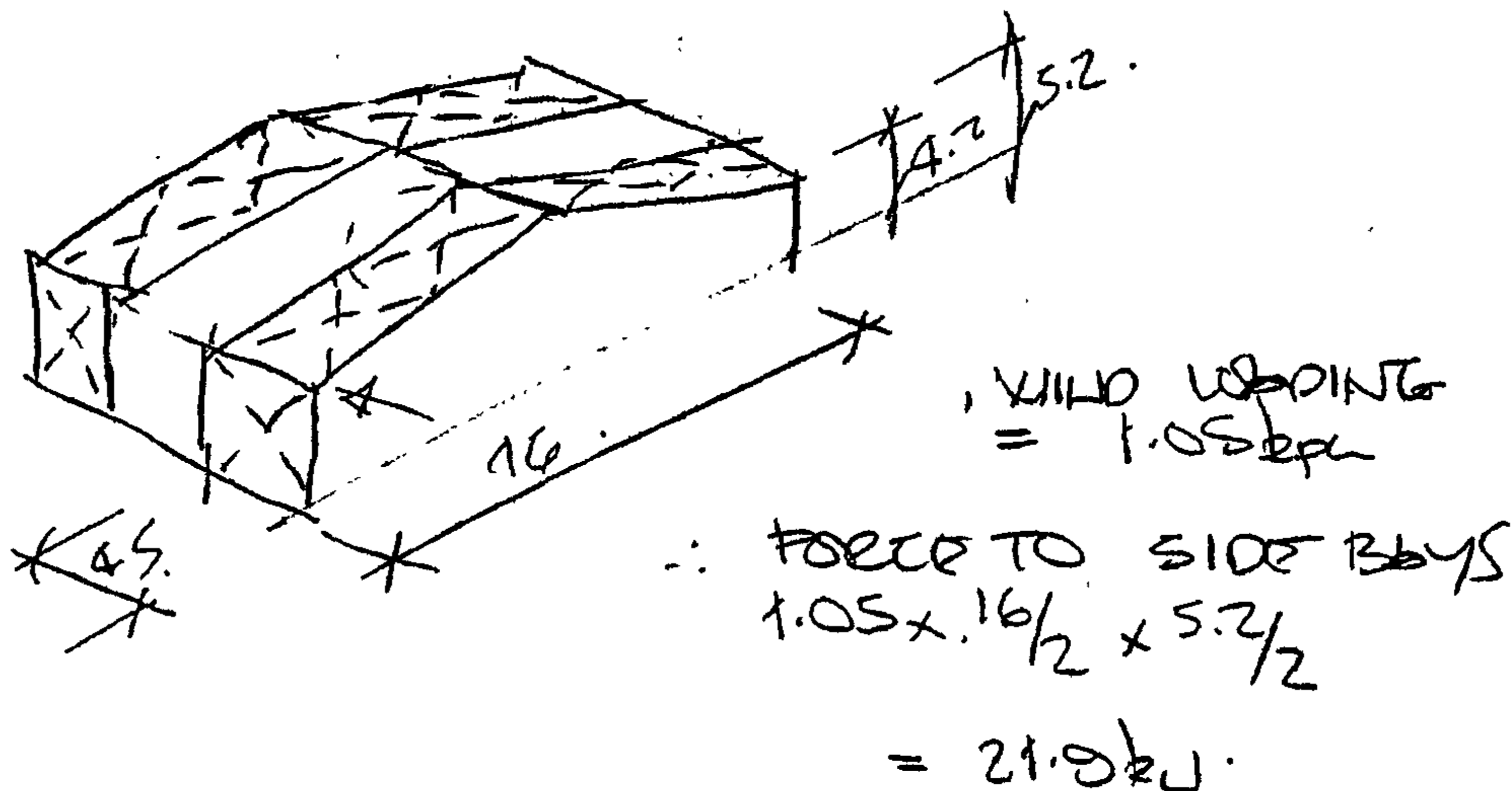
NPDC Approved
21 APR 2010

Design Wind Pressure Loads

	windward	leeward	upwind	downwind
doors closed	885.4	-161.0	-482.9	-80.5
	N/m ²	N/m ²	N/m ²	N/m ²
doors open	0.0	1046.4	-1368.4	-965.9

max wall pressure = 0.89 kpa

max wall pressure = 1.05 kpa



IF USING GSSO 50X 0.75 STRAP
 BRACING. 2 NO BRAYS.

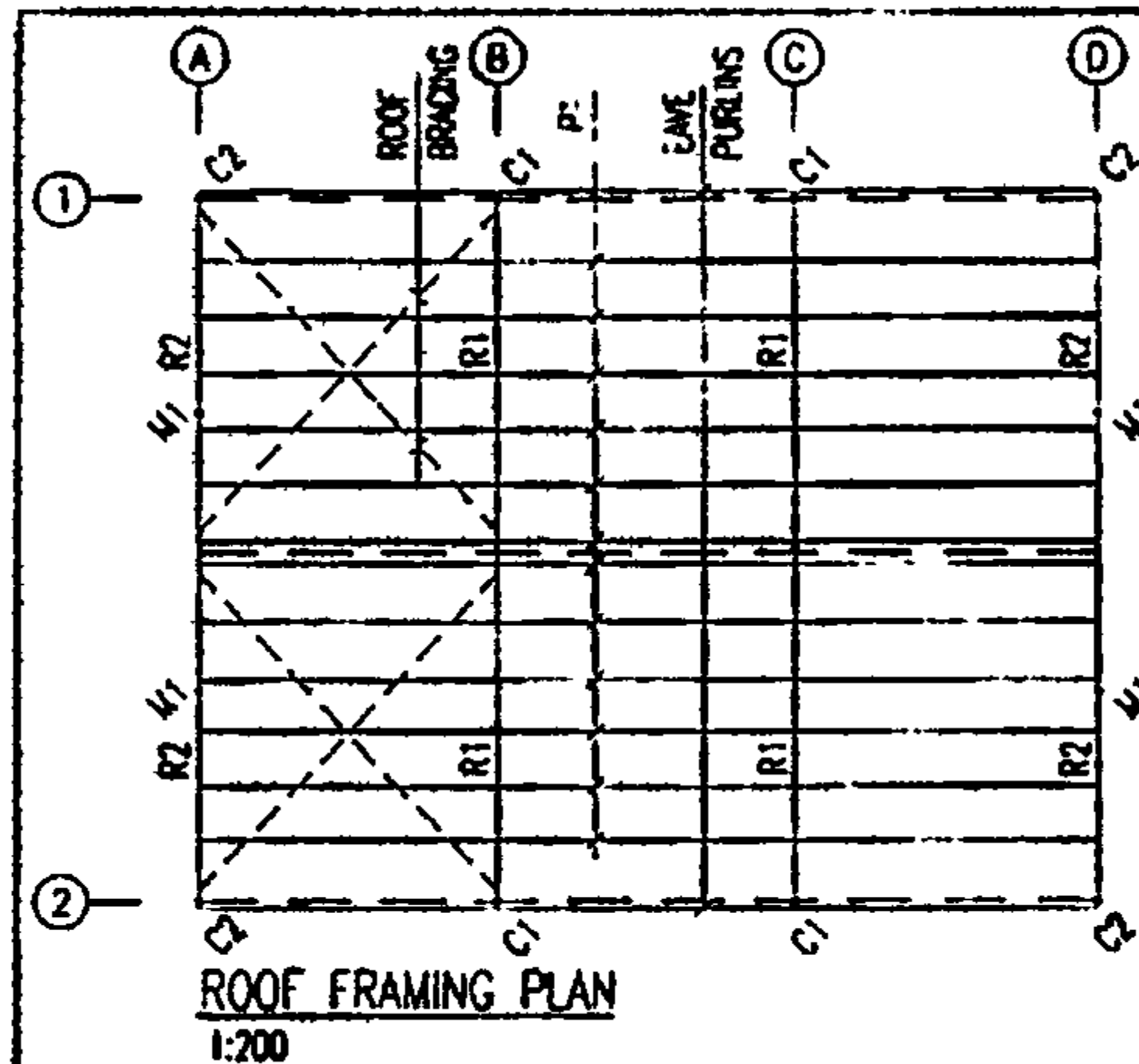
$$\text{FORCE IN DIAGONAL} = \frac{21.9}{2} \times 1.414$$

$$= 15.5 \text{ kJ}$$

GSSO STRAP BRACING CAN CARRY
 17.5 kJ.

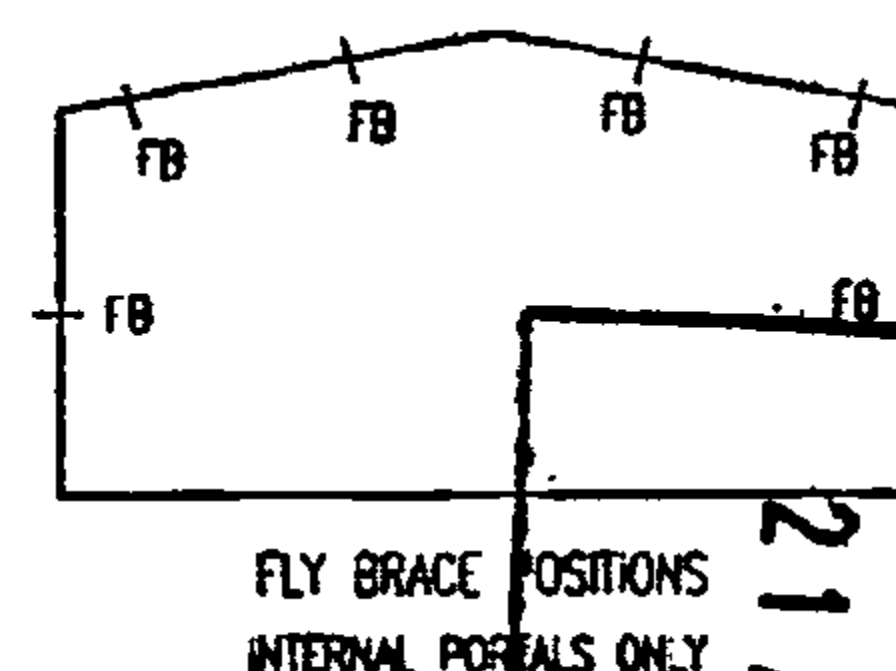
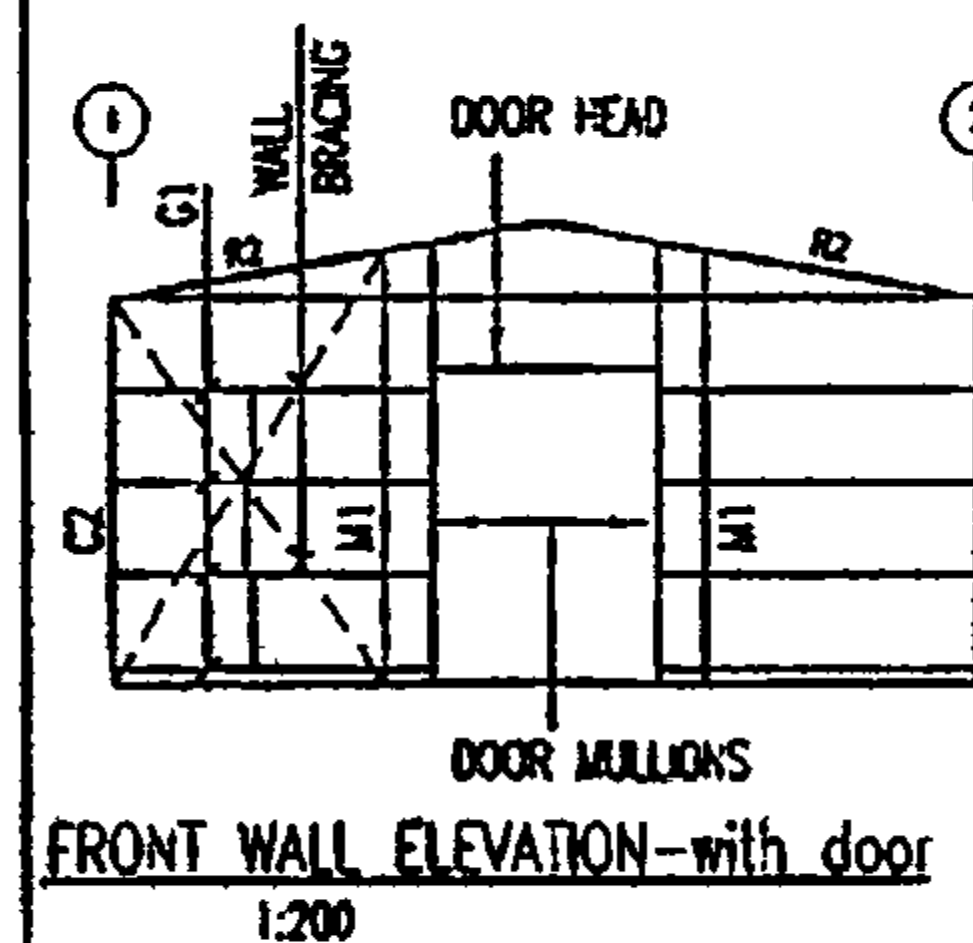
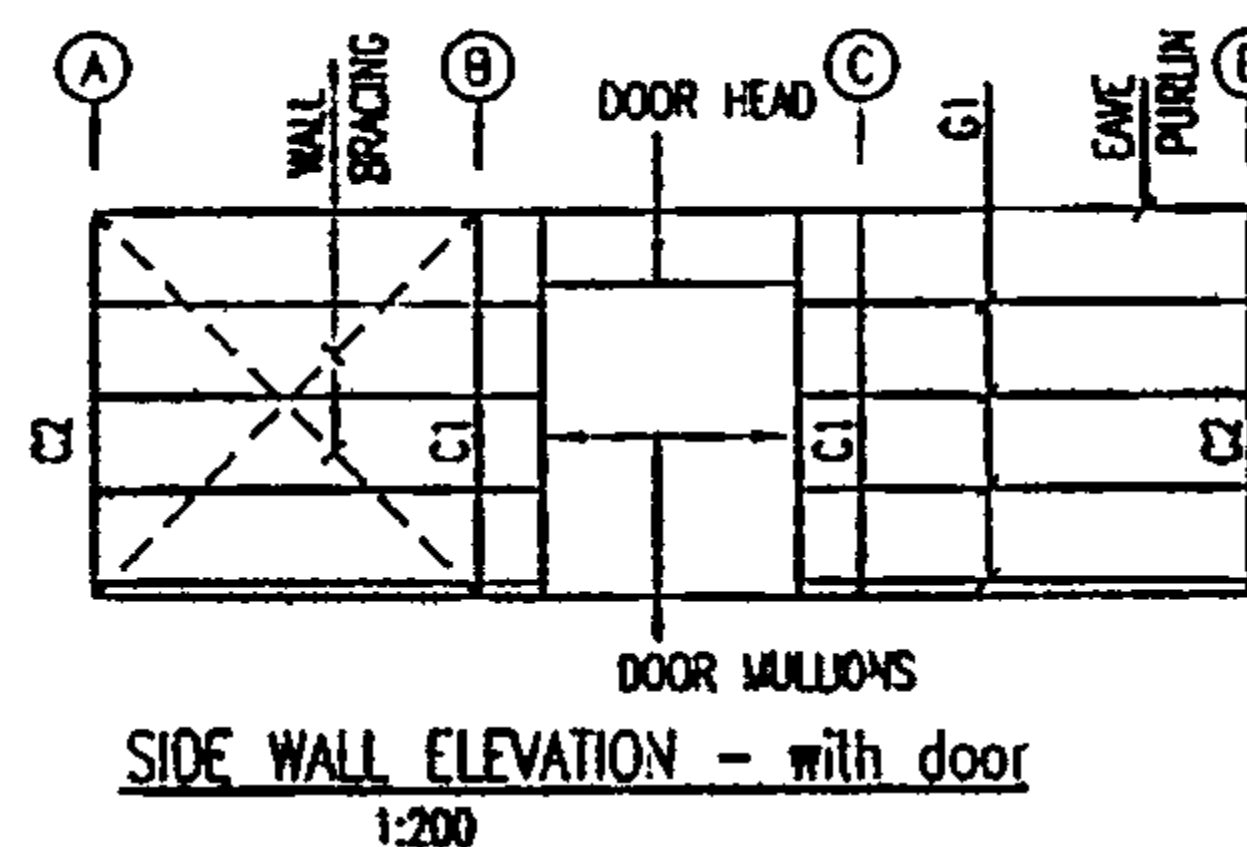
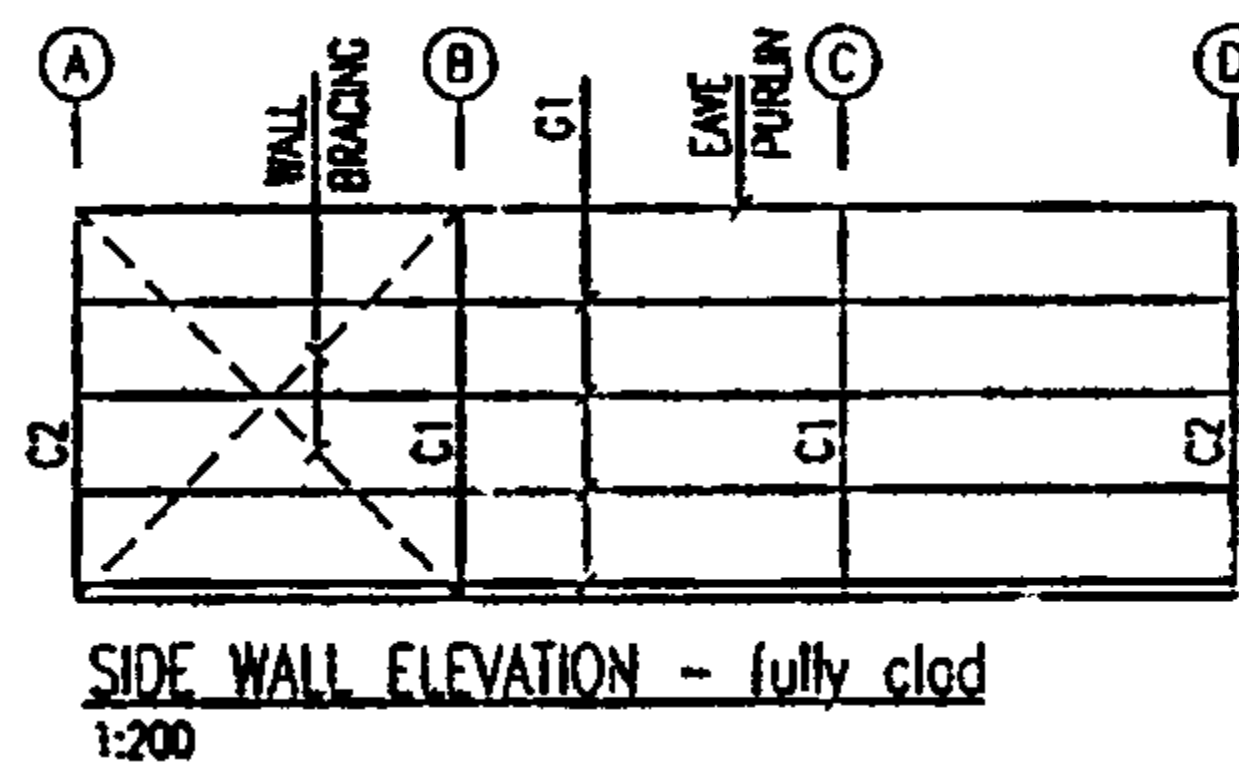
∴ PROVIDE
 2 NO BRAYS
 GSSO X 0.75
 STRAP

NPDC Approved
21 APR 2010



NZ WIND SPEED SELECTOR			
NEW ZEALAND WIND ZONE NZS 3604	DETERMINABLE DESIGN WIND SPEED AS/NZS 1170.2	PERMISSIBLE WIND SPEED AS 1170.2/AS4055	
		Enclosed Building	Dominant Opening One Side
MEDIUM	37 m/s	V33N	V33C
HIGH	44 m/s	V41N	V41C
VERY HIGH	58 m/s	V50N	V50C

NOTE BRACING
ROOF & WALL BRACING TO BE
INSTALLED IN EVERY SIX BAY.
BRACING REMOVED BY OPENING
TO BE INCLUDED IN ADJACENT
BAY OR OPPOSITE WALL, UNO



PORTAL FRAMES 4500 BAYS				
WIND SPEED	W33N	W33C/W41N	W41C/W50N	W50C
COLUMN 'C1'	2 x C20018 or C30015	2 x C20018 or C30015	2 x C25018 or C35018	2 x C30015 or C35018
RAFTER 'R1'	2 x C20018 or C30015	2 x C20018 or C30015	2 x C25018 or C35018	2 x C30015 or C35018
COLUMN 'C2'	C20015	C20015	C20015	C20018
RAFTER 'R2'	C20015	C20015	C20015	C20018
KNEE BRACE	2 x C10012 or C15015 or 75x2.5 SHS	2 x C10012 or C15015 or 75x2.5 SHS	2 x C10018 or C15018 or 75x2.5 SHS	2 x C10019 or C20015 or 75x3.0 SHS

PORTAL FRAMES 6000 BAYS				
WIND SPEED	W33N	W33C/W41N	W41C/W50N	W50C
COLUMN 'C1'	2 x C25018 or C35018	2 x C25018 or C35018	2 x C30015 or C40020	2 x C35018
RAFTER 'R1'	2 x C25018 or C35018	2 x C25018 or C35018	2 x C30015 or C40020	2 x C35018
COLUMN 'C2'	C20018	C20018	C20018	C20018
RAFTER 'R2'	C20018	C20018	C20018	C20018
KNEE BRACE	2 x C10019 or C15018 or 75x2.5 SHS	2 x C10019 or C15018 or 75x2.5 SHS	2 x C10019 or C20018 or 75x2.5 SHS	2 x C15015 or 75x3.0 SHS

PURLINS - P1 4500 BAYS			
WIND SPEED	PURLIN	SPACING	
W33N	100TH95	1400	
W33C/W41N	100TH95	1150	
W41C/W50N	100TH95	1000	
W50C	100TH95	900	

PURLINS - P1 6000 BAYS			
WIND SPEED	PURLIN	SPACING	
W33N	C/215012 @1200	120TH95 @1250	
W33C/W41N	C/215012 @1200	120TH95 @1100	
W41C/W50N	C/215015 @1200	150TH95 @1100	
W50C	C/215015 @ 850 or end spans @ 650 max mid spans @1000 max	150TH95 @ 800	

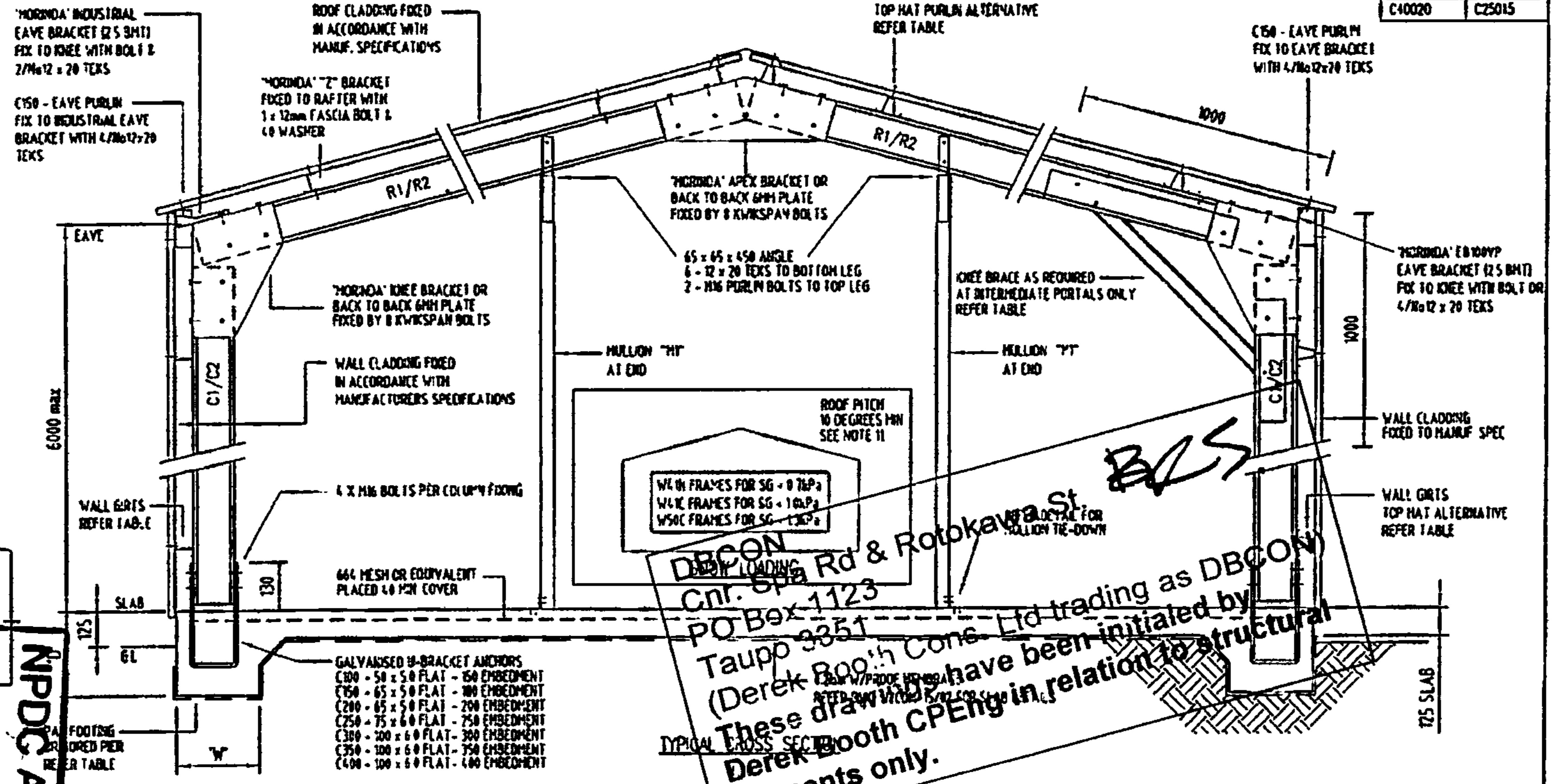
GIRTS - G1 4500 BAYS			
WIND SPEED	GIRT	SPACING	SINGLE SPAN GIRT, SPACING
W33N	100TH75	1500	100TH95 @1500
W33C/W41N	100TH75	1250	100TH95 @1250
W41C/W50N	100TH95	1150	100TH95 @1150
W50C	100TH95	1100	100TH95 @1100

GIRTS - G1 6000 BAYS			
WIND SPEED	GIRT, SPACING	GIRT, SPACING (alternative)	SINGLE SPAN GIRT, SPACING
W33N	C/215012 @1500	120TH95 @1400	150TH95 @1400
W33C/W41N	C/215012 @1500	120TH95 @1150	150TH95 @1150
W41C/W50N	C/215015 @1200	150TH95 @1200	150TH95 @900
W50C	C/215015 @1200	150TH95 @1000	150TH95 @700

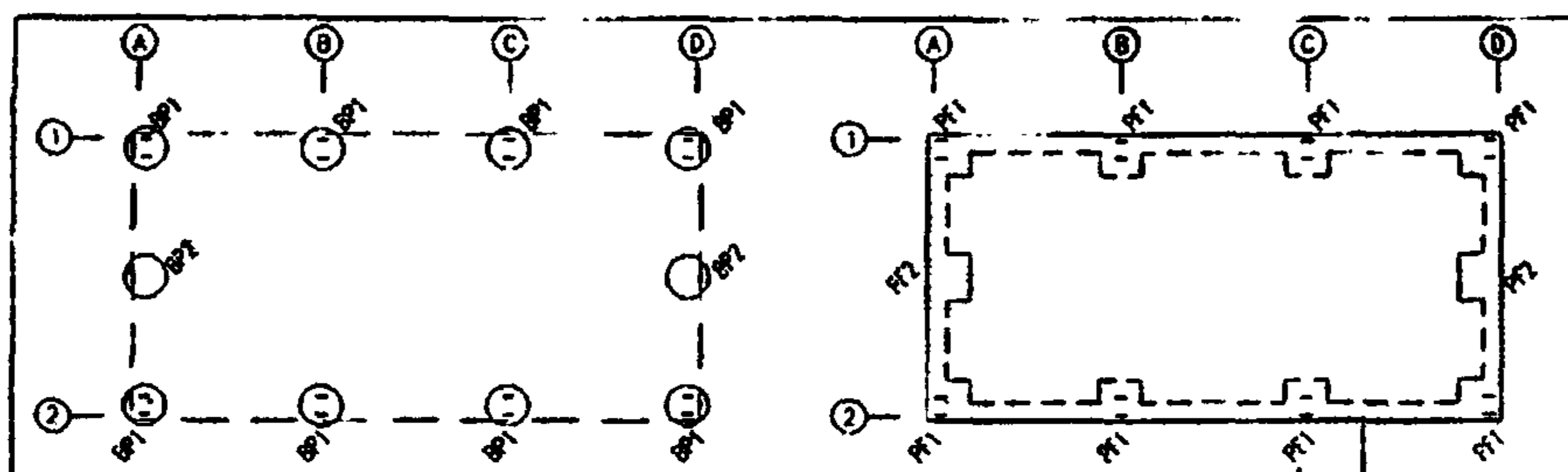
- NOTES FOR PURLINS & GIRTS
- PROVIDE ONE ROW OF CEILING BATTEN BRACING PER BAY (> 3500 BAYS).
 - PROVIDE TWO ROWS OF CEILING BATTEYS FOR W50C (6000 BAYS).
 - FOR BAY SIZES < 3500, REFER TO DWG 1200N-9.0/10.1 FOR PURLIN & GIRT SIZES & SPACINGS.
 - ALL PURLINS & GIRTS LAPPED TO A MIN 10X OF LARGEST ADJACENT SPAN.
 - 120 TOP HATS REQUIRE 15X LAPPING OF LARGEST ADJACENT SPAN.

MULLION HEIGHT 'M1'				
4000 HIGH	W33N	W33C/W41N	W41C/W50N	W50C
	C20015	C20018	C25018	C30015 or 2 x C20018
5100 HIGH	C20018	C25018	C30015	C35018 or 2 x C25018
6000 HIGH	C25018	C30015	C35018	C40020 or 2 x C30015
7000 HIGH	C30015	C35018	C40020	C40020 or 2 x C35018

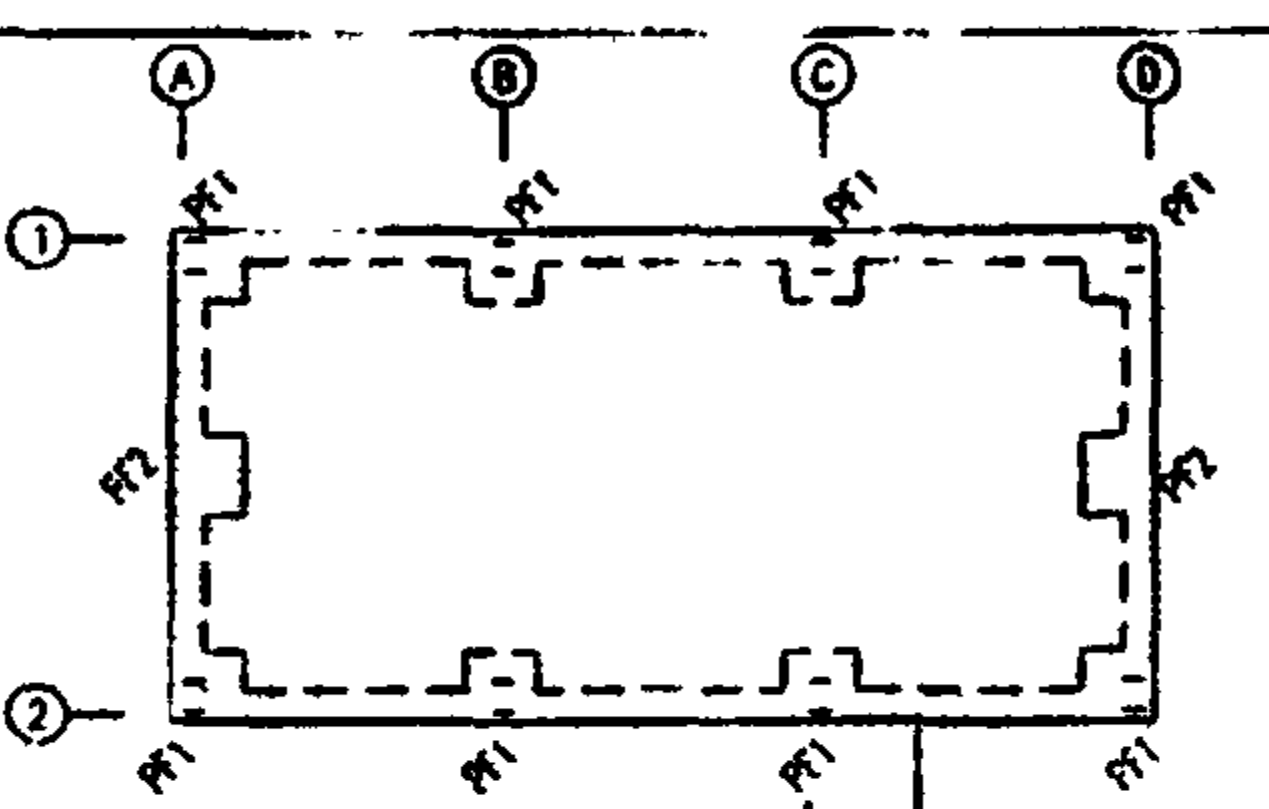
COL/RAFTER	STIFFENER
C20015	C15012
C20018	C15015
C25018	C15018
C30015	C20015
C35018	C25015
C40020	C25015



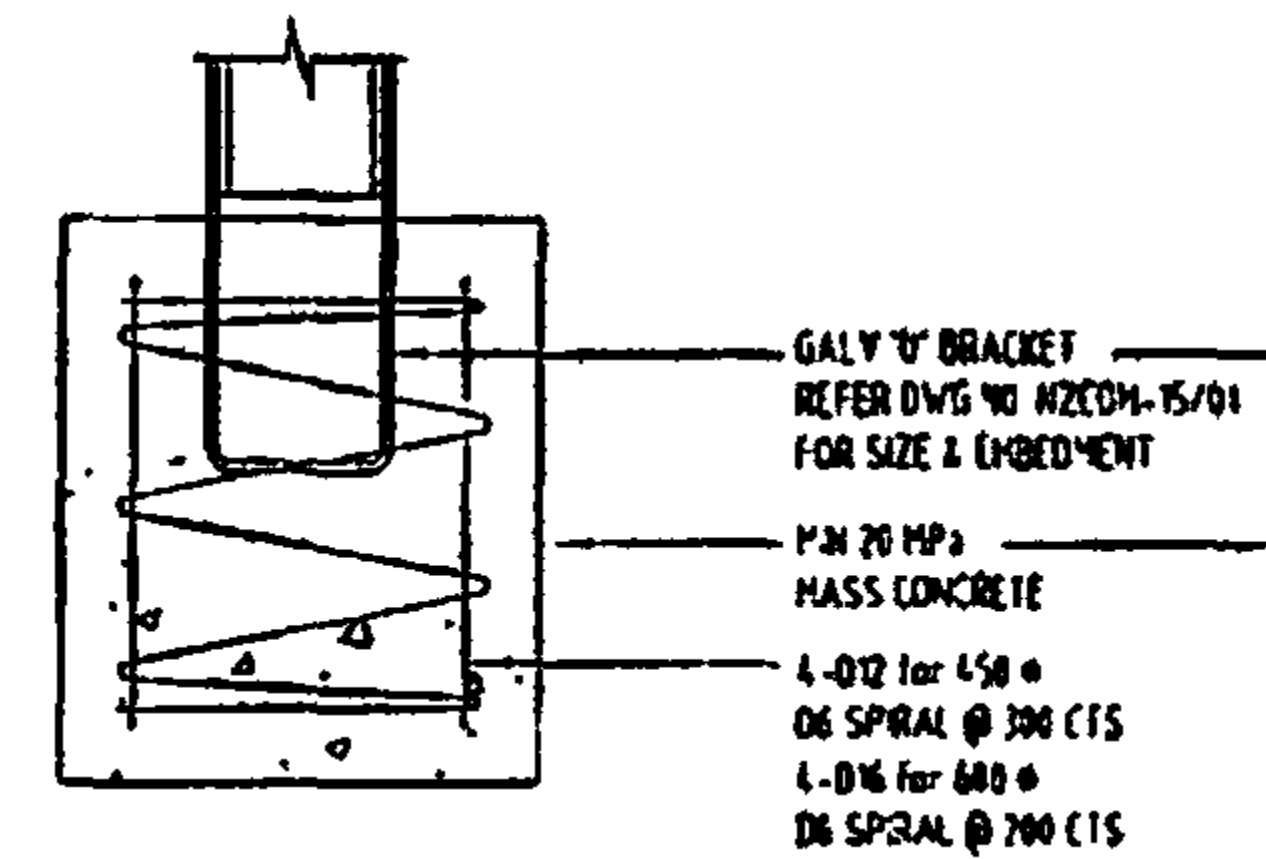
DESIGN ENGINEER: John L. Towler Civil and Structural Engineering		PEER REVIEW ENGINEER: Eric MacLeod Structural & Civil Engineering		DATE: JUN '05	
GENERAL REVISIONS		AMENDMENT DESCRIPTION		SCALE: 1:50, 1:200	
REV.		DATE		NZCOM-15/01	



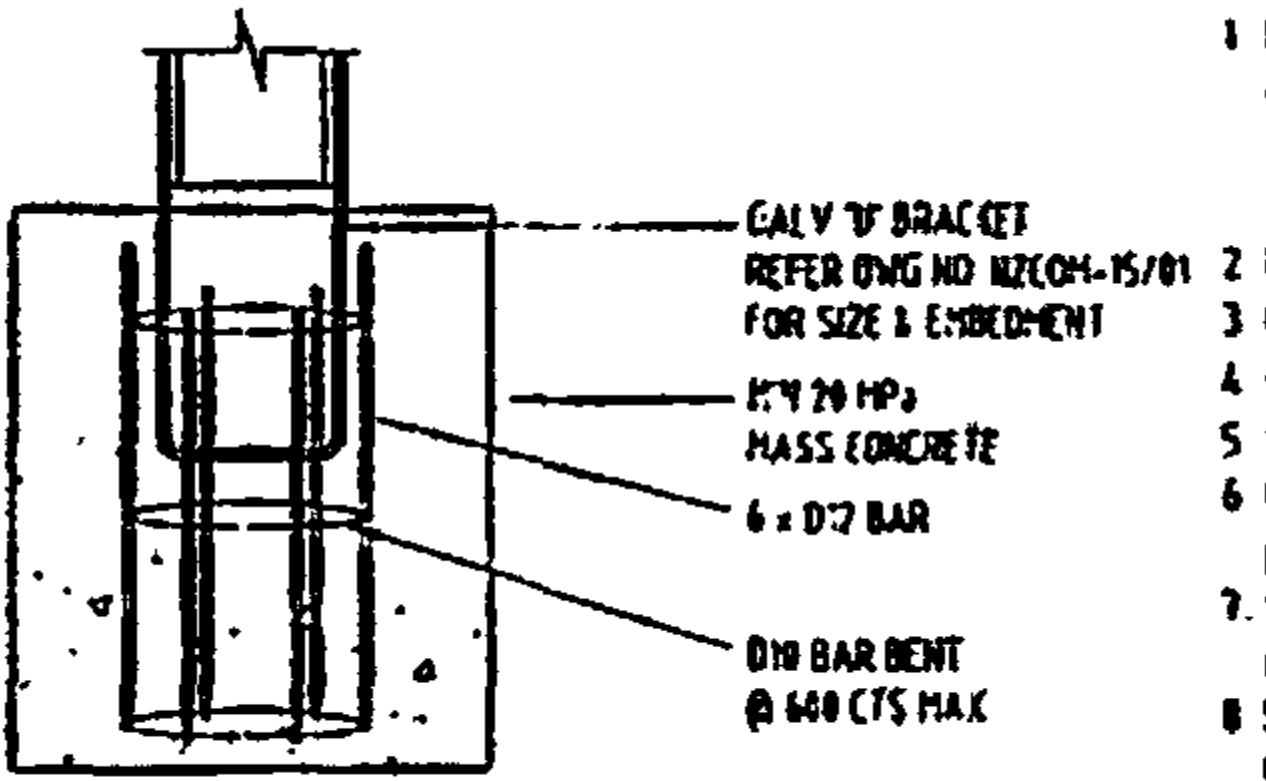
FOOTING PLAN 1:200
BORED PIER FOOTING OPTION



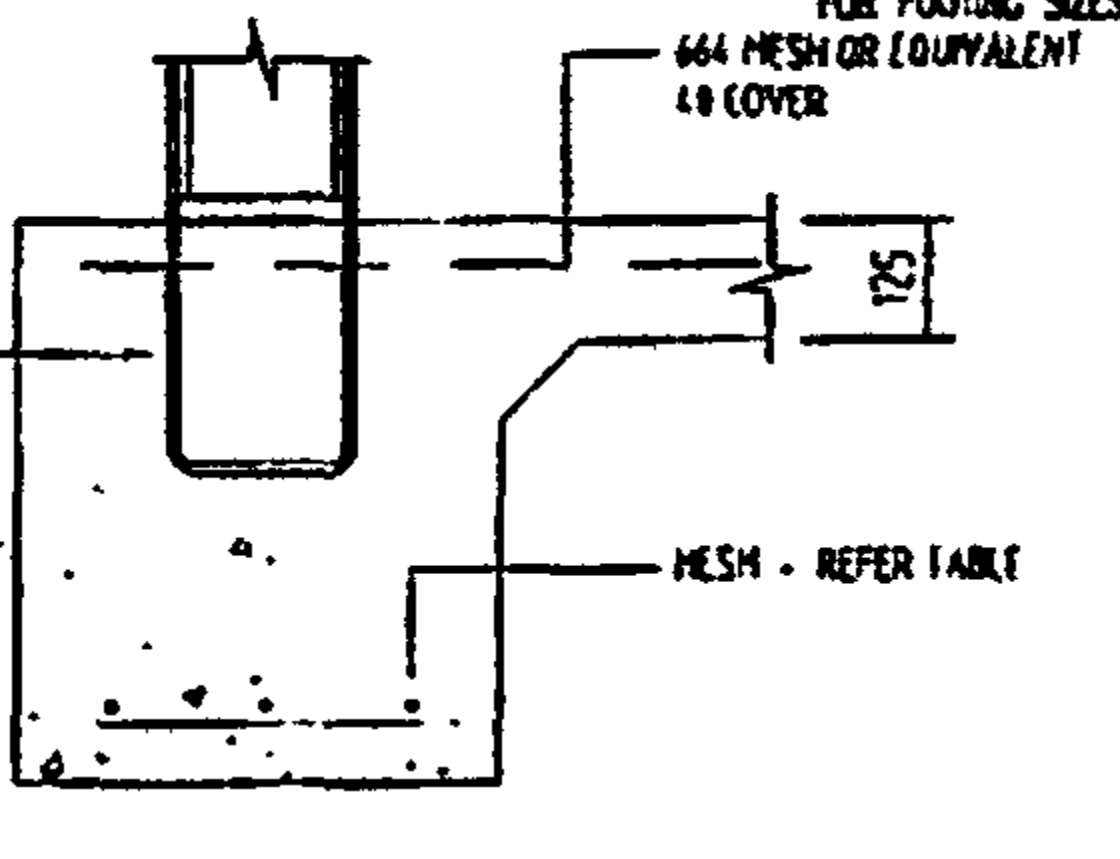
FOOTING PLAN 1:200
PAD FOOTING OPTION



DETAIL - BP1
BORED PIERS
PIER ONLY OPTION 1
1:20



DETAIL - BP1
BORED PIERS
PIER ONLY OPTION 2
1:20



DETAIL - PF1
PAD & SLAB OPTION
1:20

- FOUNDATIONS**
- Footings have been designed based on a firm clay material or sand, Class A, S & M soil conditions. If foundation material is less than firm, engineer to be contacted for alternative design.
 - Footings shall be placed centrally under columns.
 - Excavations shall be kept free of ponding water before placing concrete.
 - Concrete grade 20 MPa, max slump 80, max aggregate 20mm.
 - Concrete shall be mechanically placed to ensure removal of voids.
 - Concrete shall be protected from excessive loss of moisture for a period of 7 days.
 - Slabs longer than 7m shall have a dowelled construction joint installed and slab mesh shall be upgraded to 664 or equivalent.
 - Slabs shall have several joints at a maximum of 6m centres each direction.

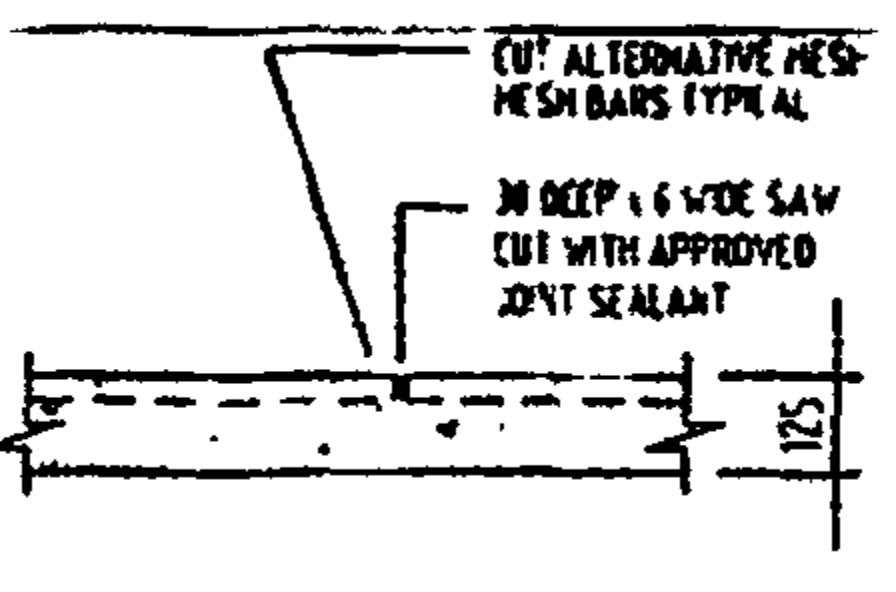
PAD FOOTING & BORED SCHEDULE 2 4500 BAYS

MARK	FOOTING TYPE	W33N	W33C/W41N	W41C/W50N	W50C
PF1	PAD B x D	1000 SD x 400 DEEP 664 MESH OR EQUIVALENT	1200 SD x 400 DEEP 664 MESH OR EQUIVALENT	1500 SD x 450 DEEP 664 MESH OR EQUIVALENT	1500 SD x 450 DEEP 664 MESH OR EQUIVALENT
BP1	PIER # x D	450# x 1500 DEEP or 600# x 1100 DEEP	450# x 1800 DEEP or 600# x 1350 DEEP	450# x 2100 DEEP or 600# x 1600 DEEP	450# x 2400 DEEP or 600# x 1800 DEEP

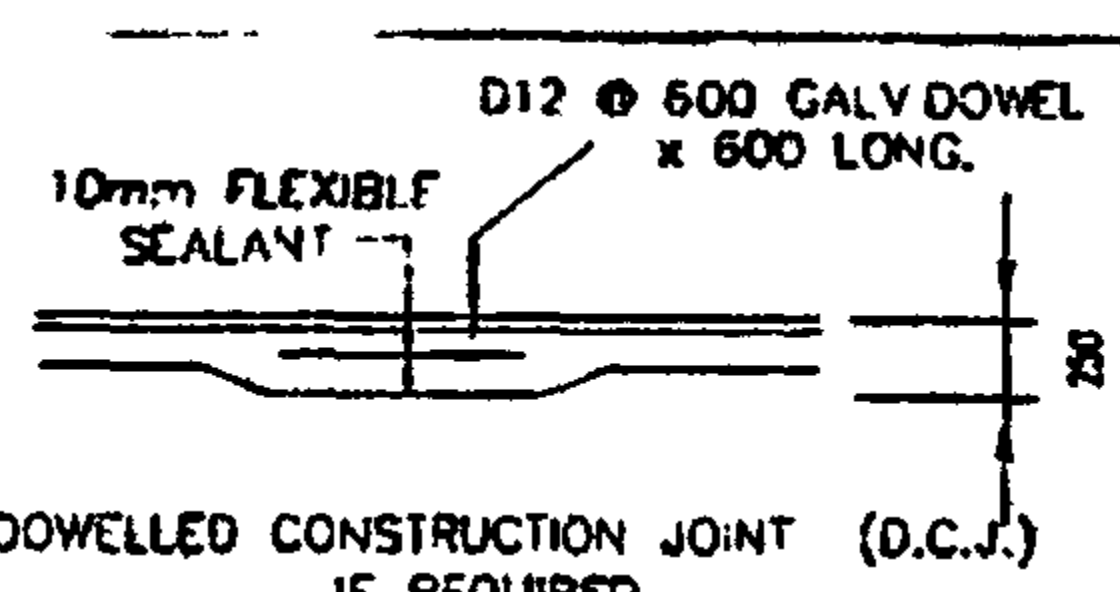
PAD FOOTING & BORED SCHEDULE 1 6000 BAYS

MARK	FOOTING TYPE	W33N	W33C/W41N	W41C/W50N	W50C
PF1	PAD B x D	1000 SD x 400 DEEP 664 MESH OR EQUIVALENT	1200 SD x 400 DEEP 664 MESH OR EQUIVALENT	1500 SD x 450 DEEP 664 MESH OR EQUIVALENT	1800 SD x 500 DEEP 664 MESH OR EQUIVALENT
BP1	PIER # x D	450# x 1500 DEEP or 600# x 1100 DEEP	450# x 1800 DEEP or 600# x 1350 DEEP	450# x 2100 DEEP or 600# x 1600 DEEP	450# x 2400 DEEP or 600# x 1800 DEEP

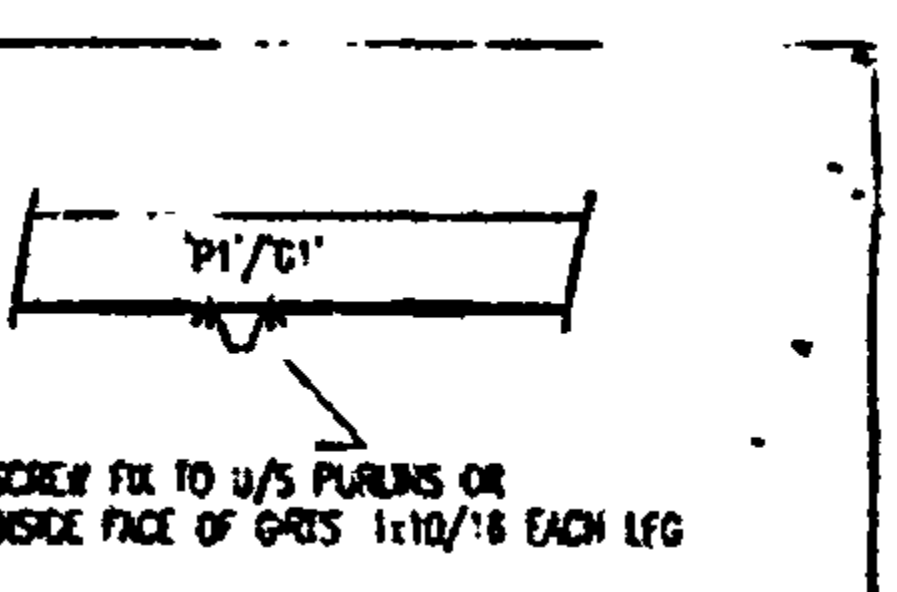
- NOTES:**
- BORED PIER IS FOR PIER ONLY - NO SLAB
 - SLAB THICKNESS 125mm, 664 MESH OR EQUIV, 40 COVER
 - PF2 = 1200sq x 400mm DEEP WITH 664 MESH OR EQUIV.
 - BP2 = 450# x 1200mm DEEP REINFORCED FOOTING
- FOR BORED PIER & SLAB OPTION
REFER TO DWG 'BORED PIER'**



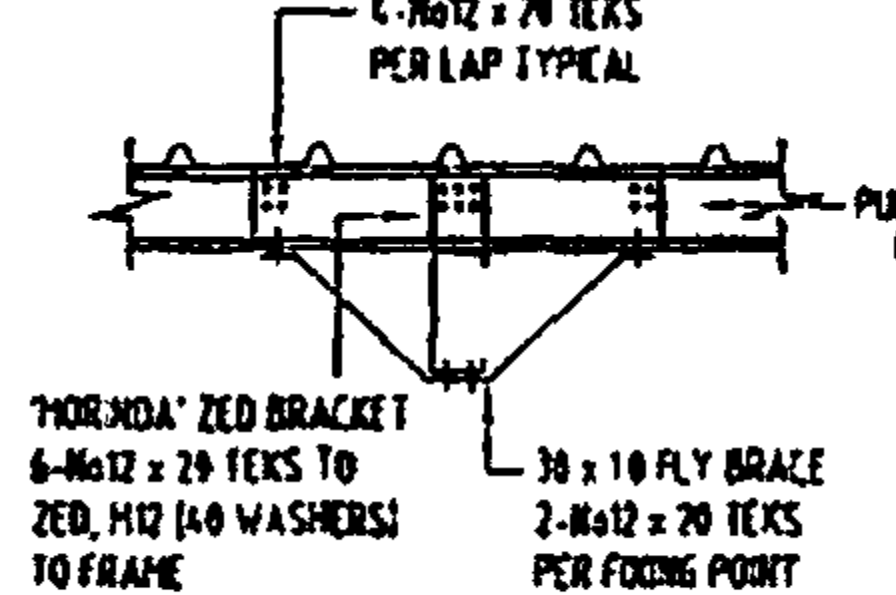
DETAIL
SAWN JOINT DETAIL
6.0m MAX CENTRES
1:20



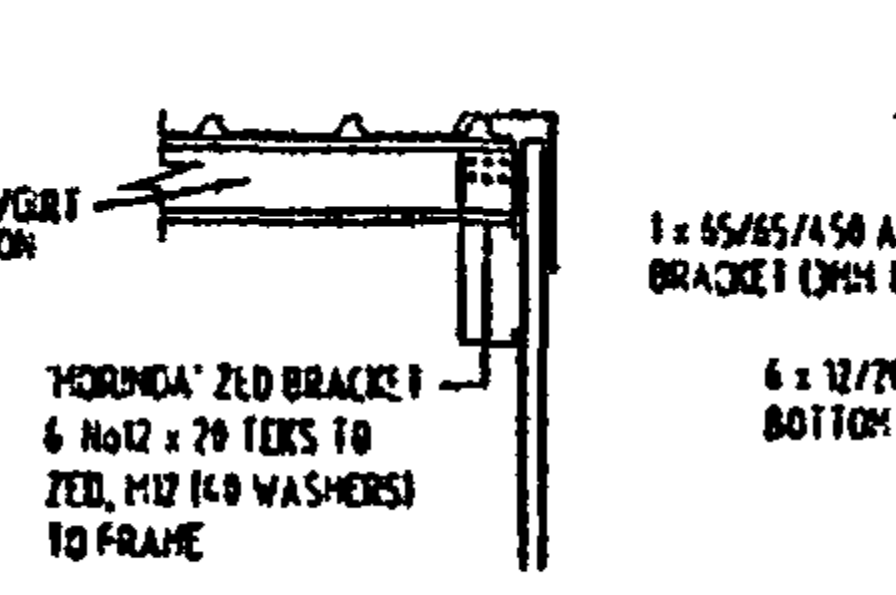
DETAIL
DOWELLED CONSTRUCTION
JOINT DETAIL 24.0m MAX CENTRES
1:20



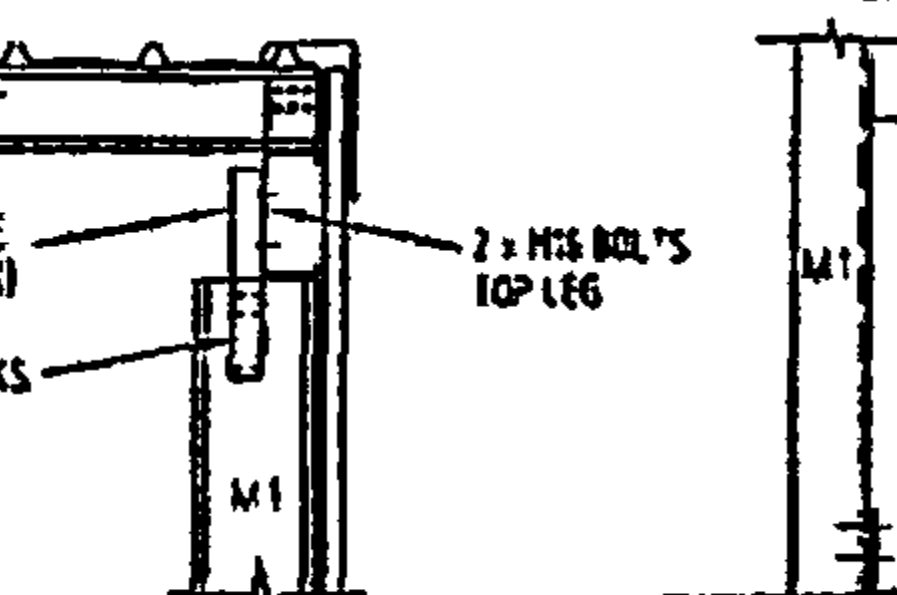
DETAIL
CEILING BATTEN BRIDGING DETAIL
1:20



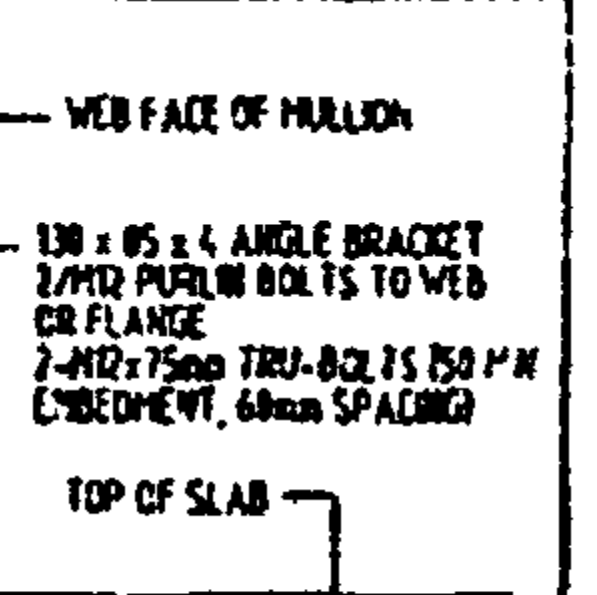
DETAIL
INTERMEDIATE C/Z PURLIN & GIRT
CONNECTION DETAIL
1:20



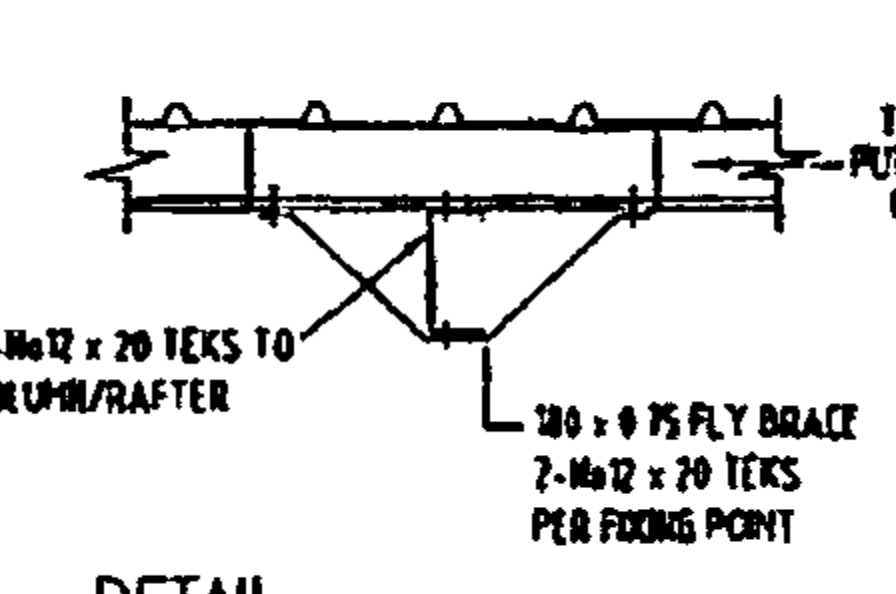
DETAIL
END C/Z PURLIN & GIRT
CONNECTION DETAIL
1:20



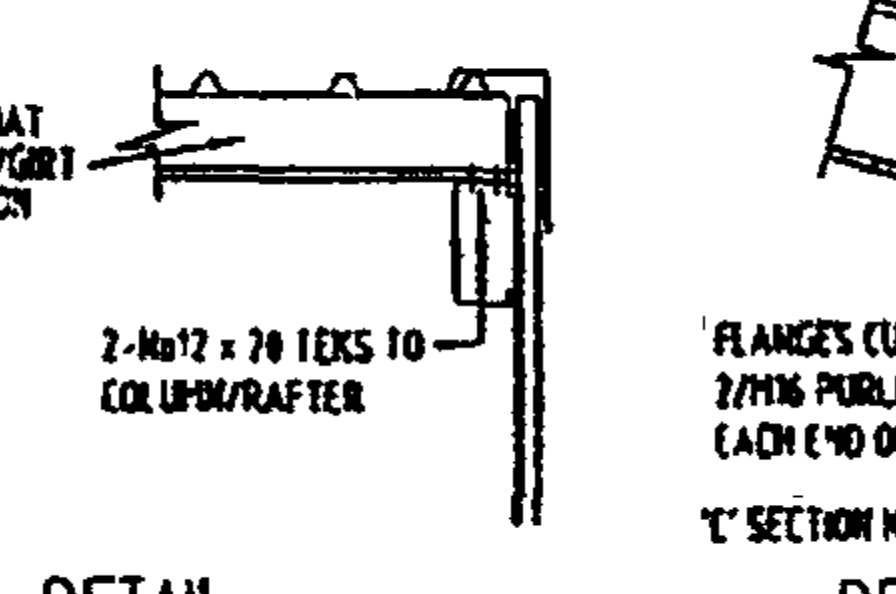
DETAIL
MULLION TOP CONNECTION
1:20



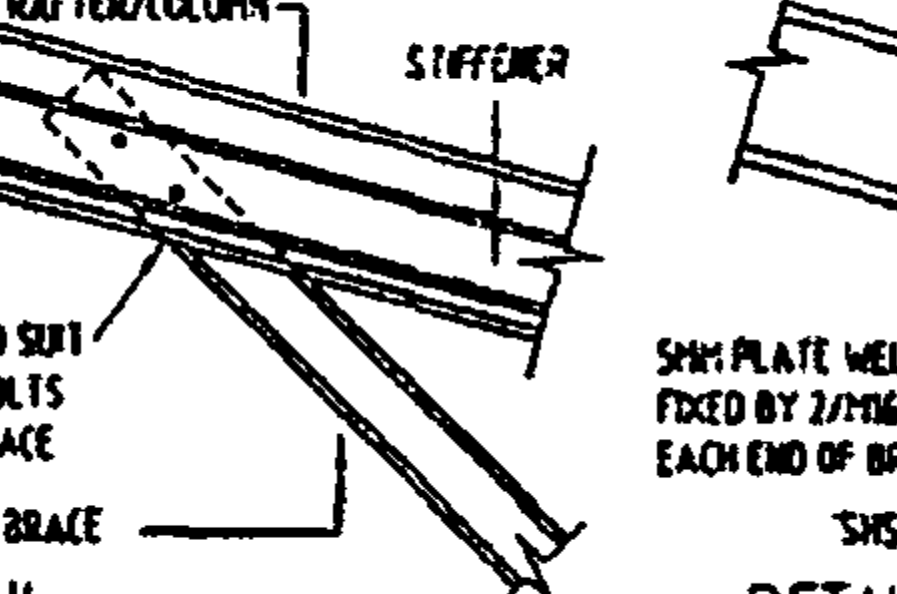
DETAIL
MULLION BASE CONNECTION
1:20



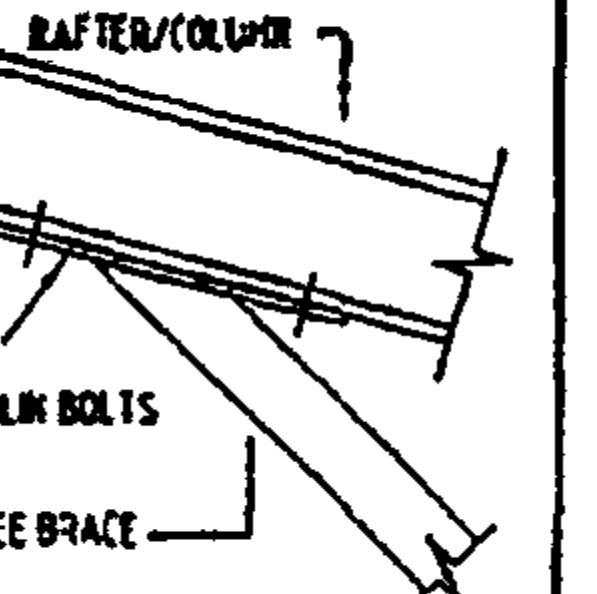
DETAIL
INTERMEDIATE TOP HAT PURLIN & GIRT
CONNECTION DETAIL
1:20



DETAIL
END TOP HAT PURLIN & GIRT
CONNECTION DETAIL
1:20



DETAIL
KNEE BRACE CONNECTION
1:20



DETAIL
ALTERNATIVE KNEE BRACE CONNECTION
1:20

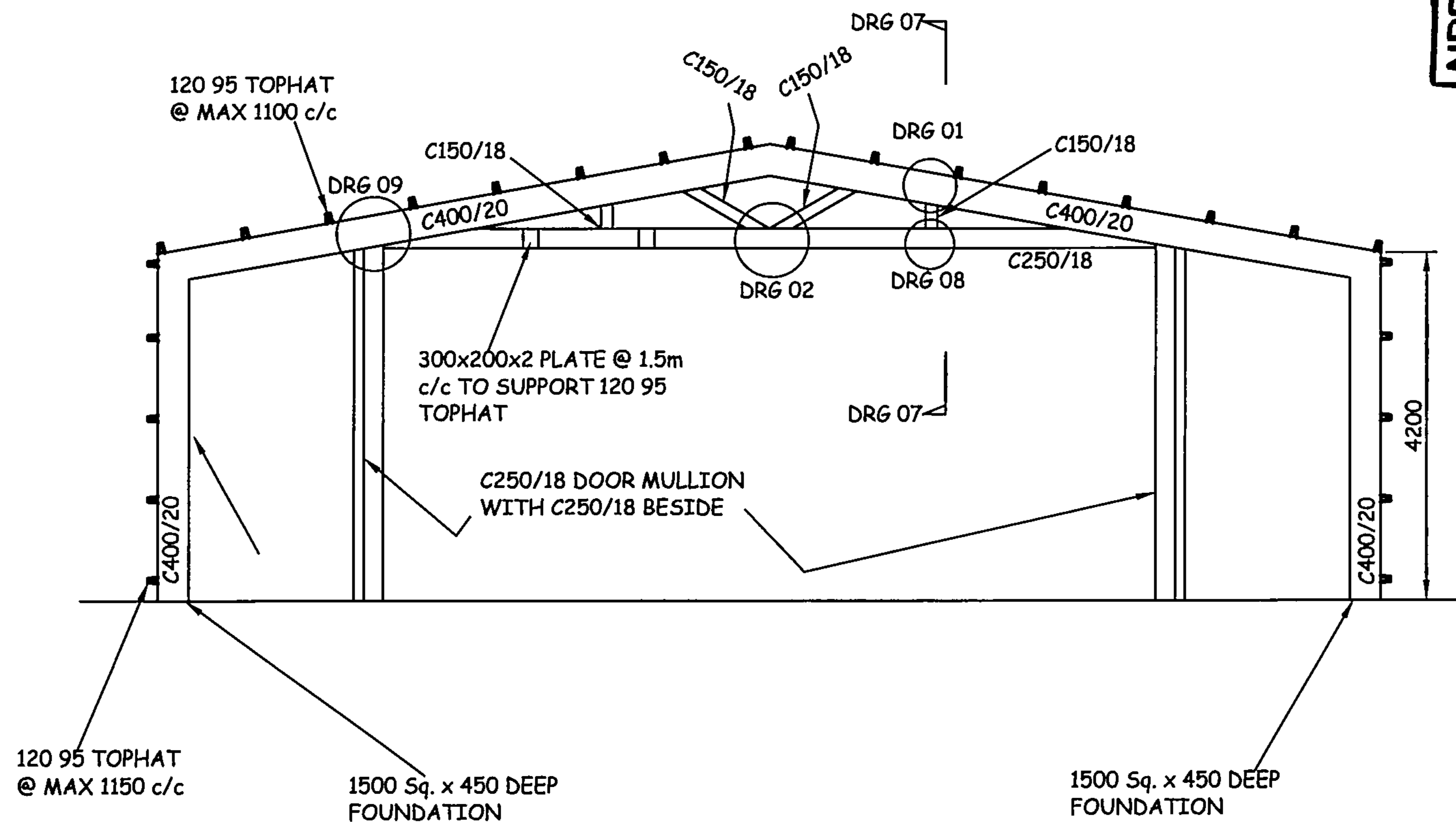
FRAMING NOTES

- Roof cross bracing can be placed in any bay and must be placed in the same bay. Wall cross bracing can be placed in any bay.
- Roof and wall cladding shall be fixed strictly in accordance with the manufacturers specifications.
- All battens lapped to a minimum 10% of largest adjacent span.
- Provide 4 x 12/20 tek screws to roof and wall battens to internal spans.
- Provide 2 x 12/20 tek screws to roof and wall battens to end spans.
- Provide 12 gauge fasteners to roof sheeting in non-cyclonic areas. Provide 16 gauge fasteners to roof sheeting in cyclonic areas - no cyclone caps.
- Bracing fasteners to be 12/20 tek screws. Bracing members to be 50x8.75 G550 steel strap. Single - Double end strap only.
- Door and window sizes, position, and quantity illustrative only.
- Lead case followed by "C" on span tables denotes loading design for -4.7 internal pressure.

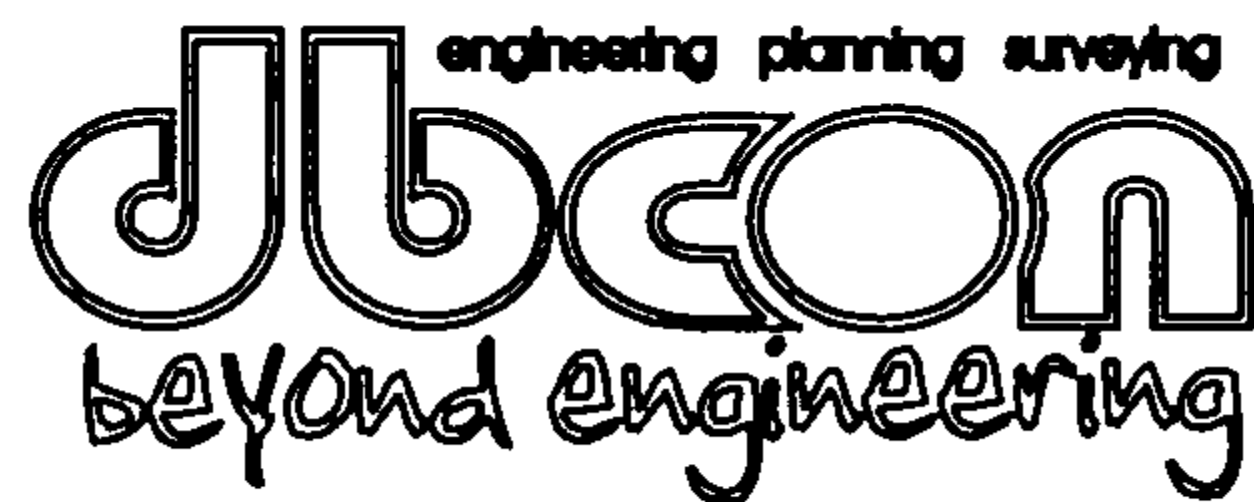
- Refer standard framing drawings for standard connection details.
 - Snow loads are for sub-alpine regions only. For alpine regions, refer to engineer.
 - Buildings designed at W41N and above adequately cater for flood loading up to 1m per second.
- GENERALLY**
- Setting out of dimensions and structural shall not be obtained by scaling the drawings.
 - Any setting out dimensions on the drawings shall be checked by the contractor before construction commences.
 - During construction the structural shall remain in a stable condition. Construction loads shall not exceed the capacity of the structural at the time of loading.
 - All workmanship and materials shall be in accordance with the requirements of the current edition of the SA/SNZ Codes of Practice except as varied by the contract documents and of the by the Local Government Authority.

- Wind loads have been assessed in accordance with AS/NZS 1170 PART 2 - 1989.
- Live loading are in accordance with AS/NZS 1170 PART 1 as follows:
Roof: 0.75kPa
W41: 0.5kPa
W50: 1.35kPa
Window and door design pressures as follows:
W41: 0.5kPa
W50: 1.35kPa
- All steelwork to be in accordance with NZS 3201, AS/NZS 1594, AS/NZS 1595, NZS/BS 4848, 4850, NZS/BS 4849, 4850, NZS/BS 4851, NZS/BS 4852, NZS/BS 4853, NZS/BS 4854, NZS/BS 4855, NZS/BS 4856, NZS/BS 4857, NZS/BS 4858, NZS/BS 4859, NZS/BS 4860, NZS/BS 4861, NZS/BS 4862, NZS/BS 4863, NZS/BS 4864, NZS/BS 4865, NZS/BS 4866, NZS/BS 4867, NZS/BS 4868, NZS/BS 4869, NZS/BS 4870, NZS/BS 4871, NZS/BS 4872, NZS/BS 4873, NZS/BS 4874, NZS/BS 4875, NZS/BS 4876, NZS/BS 4877, NZS/BS 4878, NZS/BS 4879, NZS/BS 4880, NZS/BS 4881, NZS/BS 4882, NZS/BS 4883, NZS/BS 4884, NZS/BS 4885, NZS/BS 4886, NZS/BS 4887, NZS/BS 4888, NZS/BS 4889, NZS/BS 4890, NZS/BS 4891, NZS/BS 4892, NZS/BS 4893, NZS/BS 4894, NZS/BS 4895, NZS/BS 4896, NZS/BS 4897, NZS/BS 4898, NZS/BS 4899, NZS/BS 4900, NZS/BS 4901, NZS/BS 4902, NZS/BS 4903, NZS/BS 4904, NZS/BS 4905, NZS/BS 4906, NZS/BS 4907, NZS/BS 4908, NZS/BS 4909, NZS/BS 4910, NZS/BS 4911, NZS/BS 4912, NZS/BS 4913, NZS/BS 4914, NZS/BS 4915, NZS/BS 4916, NZS/BS 4917, NZS/BS 4918, NZS/BS 4919, NZS/BS 4920, NZS/BS 4921, NZS/BS 4922, NZS/BS 4923, NZS/BS 4924, NZS/BS 4925, NZS/BS 4926, NZS/BS 4927, NZS/BS 4928, NZS/BS 4929, NZS/BS 4930, NZS/BS 4931, NZS/BS 4932, NZS/BS 4933, NZS/BS 4934, NZS/BS 4935, NZS/BS 4936, NZS/BS 4937, NZS/BS 4938, NZS/BS 4939, NZS/BS 4940, NZS/BS 4941, NZS/BS 4942, NZS/BS 4943, NZS/BS 4944, NZS/BS 4945, NZS/BS 4946, NZS/BS 4947, NZS/BS 4948, NZS/BS 4949, NZS/BS 4950, NZS/BS 4951, NZS/BS 4952, NZS/BS 4953, NZS/BS 4954, NZS/BS 4955, NZS/BS 4956, NZS/BS 4957, NZS/BS 4958, NZS/BS 4959, NZS/BS 4960, NZS/BS 4961, NZS/BS 4962, NZS/BS 4963, NZS/BS 4964, NZS/BS 4965, NZS/BS 4966, NZS/BS 4967, NZS/BS 4968, NZS/BS 4969, NZS/BS 4970, NZS/BS 4971, NZS/BS 4972, NZS/BS 4973, NZS/BS 4974, NZS/BS 4975, NZS/BS 4976, NZS/BS 4977, NZS/BS 4978, NZS/BS 4979, NZS/BS 4980, NZS/BS 4981, NZS/BS 4982, NZS/BS 4983, NZS/BS 4984, NZS/BS 4985, NZS/BS 4986, NZS/BS 4987, NZS/BS 4988, NZS/BS 4989, NZS/BS 4990, NZS/BS 4991, NZS/BS 4992, NZS/BS 4993, NZS/BS 4994, NZS/BS 4995, NZS/BS 4996, NZS/BS 4997, NZS/BS 4998, NZS/BS 4999, NZS/BS 5000, NZS/BS 5001, NZS/BS 5002, NZS/BS 5003, NZS/BS 5004, NZS/BS 5005, NZS/BS 5006, NZS/BS 5007, NZS/BS 5008, NZS/BS 5009, NZS/BS 5010, NZS/BS 5011, NZS/BS 5012, NZS/BS 5013, NZS/BS 5014, NZS/BS 5015, NZS/BS 5016, NZS/BS 5017, NZS/BS 5018, NZS/BS 5019, NZS/BS 5020, NZS/BS 5021, NZS/BS 5022, NZS/BS 5023, NZS/BS 5024, NZS/BS 5025, NZS/BS 5026, NZS/BS 5027, NZS/BS 5028, NZS/BS 5029, NZS/BS 5030, NZS/BS 5031, NZS/BS 5032, NZS/BS 5033, NZS/BS 5034, NZS/BS 5035, NZS/BS 5036, NZS/BS 5037, NZS/BS 5038, NZS/BS 5039, NZS/BS 5040, NZS/BS 5041, NZS/BS 5042, NZS/BS 5043, NZS/BS 5044, NZS/BS 5045, NZS/BS 5046, NZS/BS 5047, NZS/BS 5048, NZS/BS 5049, NZS/BS 5050, NZS/BS 5051, NZS/BS 5052, NZS/BS 5053, NZS/BS 5054, NZS/BS 5055, NZS/BS 5056, NZS/BS 5057, NZS/BS 5058, NZS/BS 5059, NZS/BS 5060, NZS/BS 5061, NZS/BS 5062, NZS/BS 5063, NZS/BS 5064, NZS/BS 5065, NZS/BS 5066, NZS/BS 5067, NZS/BS 5068, NZS/BS 5069, NZS/BS 5070, NZS/BS 5071, NZS/BS 5072, NZS/BS 5073, NZS/BS 5074, NZS/BS 5075, NZS/BS 5076, NZS/BS 5077, NZS/BS 5078, NZS/BS 5079, NZS/BS 5080, NZS/BS 5081, NZS/BS 5082, NZS/BS 5083, NZS/BS 5084, NZS/BS 5085, NZS/BS 5086, NZS/BS 5087, NZS/BS 5088, NZS/BS 5089, NZS/BS 5090, NZS/BS 5091, NZS/BS 5092, NZS/BS 5093, NZS/BS 5094, NZS/BS 5095, NZS/BS 5096, NZS/BS 5097, NZS/BS 5098, NZS/BS 5099, NZS/BS 5100, NZS/BS 5101, NZS/BS 5102, NZS/BS 5103, NZS/BS 5104, NZS/BS 5105, NZS/BS 5106, NZS/BS 5107, NZS/BS 5108, NZS/BS 5109, NZS/BS 5110, NZS/BS 5111, NZS/BS 5112, NZS/BS 5113, NZS/BS 5114, NZS/BS 5115, NZS/BS 5116, NZS/BS 5117, NZS/BS 5118, NZS/BS 5119, NZS/BS 5120, NZS/BS 5121, NZS/BS 5122, NZS/BS 5123, NZS/BS 5124, NZS/BS 5125, NZS/BS 5126, NZS/BS 5127, NZS/BS 5128, NZS/BS 5129, NZS/BS 5130, NZS/BS 5131, NZS/BS 5132, NZS/BS 5133, NZS/BS 5134, NZS/BS 5135, NZS/BS 5136, NZS/BS 5137, NZS/BS 5138, NZS/BS 5139, NZS/BS 5140, NZS/BS 5141, NZS/BS 5142, NZS/BS 5143, NZS/BS 5144, NZS/BS 5145, NZS/BS 5146, NZS/BS 5147, NZS/BS 5148, NZS/BS 5149, NZS/BS 5150, NZS/BS 5151, NZS/BS 5152, NZS/BS 5153, NZS/BS 5154, NZS/BS 5155, NZS/BS 5156, NZS/BS 5157, NZS/BS 5158, NZS/BS 5159, NZS/BS 5160, NZS/BS 5161, NZS/BS 5162, NZS/BS 5163, NZS/BS 5164, NZS/BS 5165, NZS/BS 5166, NZS/BS 5167, NZS/BS 5168, NZS/BS 5169, NZS/BS 5170, NZS/BS 5171, NZS/BS 5172, NZS/BS 5173, NZS/BS 5174, NZS/BS 5175, NZS/BS 5176, NZS/BS 5177, NZS/BS 5178, NZS/BS 5179, NZS/BS 5180, NZS/BS 5181, NZS/BS 5182, NZS/BS 5183, NZS/BS 5184, NZS/BS 5185, NZS/BS 5186, NZS/BS 5187, NZS/BS 5188, NZS/BS 5189, NZS/BS 5190, NZS/BS 5191, NZS/BS 5192, NZS/BS 5193, NZS/BS 5194, NZS/BS 5195, NZS/BS 5196, NZS/BS 5197, NZS/BS 5198, NZS/BS 5199, NZS/BS 5200, NZS/BS 5201, NZS/BS 5202, NZS/BS 5203, NZS/BS 5204, NZS/BS 5205, NZS/BS 5206, NZS/BS 5207, NZS/BS 5208, NZS/BS 5209, NZS/BS 5210, NZS/BS 5211, NZS/BS 5212, NZS/BS 5213, NZS/BS 5214, NZS/BS 5215, NZS/BS 5216, NZS/BS 5217, NZS/BS 5218, NZS/BS 5219, NZS/BS 5220, NZS/BS 5221, NZS/BS 5222, NZS/BS 5223, NZS/BS 5224, NZS/BS 5225, NZS/BS 5226, NZS/BS 5227, NZS/BS 5228, NZS/BS 5229, NZS/BS 5230, NZS/BS 5231, NZS/BS 5232, NZS/BS 5233, NZS/BS 5234, NZS/BS 5235, NZS/BS 5236, NZS/BS 5237, NZS/BS 5238, NZS/BS 5239, NZS/BS 5240, NZS/BS 5241, NZS/BS 5242, NZS/BS 5243, NZS/BS 5244, NZS/BS 5245, NZS/BS 5246, NZS/BS 5247, NZS/BS 5248, NZS/BS 5249, NZS/BS 5250, NZS/BS 5251, NZS/BS 5252, NZS/BS 5253, NZS/BS 5254, NZS/BS 5255, NZS/BS 5256, NZS/BS 5257, NZS/BS 5258, NZS/BS 5259, NZS/BS 5260, NZS/BS 5261, NZS/BS 5262, NZS/BS 5263, NZS/BS 5264, NZS/BS 5265, NZS/BS 5266, NZS/BS 5267, NZS/BS 5268, NZS/BS 5269, NZS/BS 5270, NZS/BS 5271, NZS/BS 5272, NZS/BS 5273, NZS/BS 5274, NZS/BS 5275, NZS/BS 5276, NZS/BS 5277, NZS/BS 5278, NZS/BS 5279, NZS/BS 5280, NZS/BS 5281, NZS/BS 5282, NZS/BS 5283, NZS/BS 5284, NZS/BS 5285, NZS/BS 5286, NZS/BS 5287, NZS/BS 5288, NZS/BS 5289, NZS/BS 5290, NZS/BS 5291, NZS/BS 5292, NZS/BS 5293, NZS/BS 5294, NZS/BS 5295, NZS/BS 5296, NZS/BS 5297, NZS/BS 5298, NZS/BS 5299, NZS/BS 5300, NZS/BS 5301, NZS/BS 5302, NZS/BS 5303, NZS/BS 5304, NZS/BS 5305, NZS/BS 5306, NZS/BS 5307, NZS/BS 5308, NZS/BS 5309, NZS/BS 5310, NZS/BS 5311, NZS/BS 5312, NZS/BS 5313, NZS/BS 5314, NZS/BS 5315, NZS/BS 5316, NZS/BS 5317, NZS/BS 5318, NZS/BS 5319, NZS/BS 5320, NZS/BS 5321, NZS/BS 5322, NZS/BS 5323, NZS/BS 5324, NZS/BS 5325, NZS/BS 5326, NZS/BS 5327, NZS/BS 5328, NZS/BS 5329, NZS/BS 5330, NZS/BS 5331, NZS/BS 5332, NZS/BS 5333, NZS/BS 5334, NZS/BS 5335, NZS/BS 5336, NZS/BS 5337, NZS/BS 5338, NZS/BS 5339, NZS/BS 5340, NZS/BS 5341, NZS/BS 5342, NZS/BS 5343, NZS/BS 5344, NZS/BS 5345, NZS/BS 5346, NZS/BS 5347, NZS/BS 5348, NZS/BS 5349, NZS/BS 5350, NZS/BS 5351, NZS/BS 5352, NZS/BS 5353, NZS/BS 5354, NZS/BS 5355, NZS/BS 5356, NZS/BS 5357, NZS/BS 5358, NZS/BS 5359, NZS/BS 5360, NZS/BS 5361, NZS/BS 5362, NZS/BS 5363, NZS/BS 5364, NZS/BS 5365, NZS/BS 5366, NZS/BS 5367, NZS/BS 5368, NZS/BS 5369, NZS/BS 5370, NZS/BS 5371, NZS/BS 5372, NZS/BS 5373, NZS/BS 5374, NZS/BS 5375, NZS/BS 5376, NZS/BS 5377, NZS/BS 5378, NZS/BS 5379, NZS/BS 5380, NZS/BS 5381, NZS/BS 5382, NZS/BS 5383, NZS/BS 5384, NZS/BS 5385, NZS/BS 5386, NZS/BS 5387, NZS/BS 5388, NZS/BS 5389, NZS/BS 5390, NZS/BS 5391, NZS/BS 5392, NZS/BS 5393, NZS/BS 5394, NZS/BS 5395, NZS/BS 5396, NZS/BS 5397, NZS/BS 5398, NZS/BS 5399, NZS/BS 5400, NZS/BS 5401, NZS/BS 5402, NZS/BS 5403, NZS/BS 5404, NZS/BS 5405, NZS/BS 5406, NZS/BS 5407, NZS/BS 5408, NZS/BS 5409, NZS/BS 5410, NZS/BS 5411, NZS/BS 5412, NZS/BS 5413, NZS/BS 5414, NZS/BS 5415, NZS/BS 5416, NZS/BS 5417, NZS/BS 5418, NZS/BS 5419, NZS/BS 5420, NZS/BS 5421, NZS/BS 5422, NZS/BS 5423, NZS/BS 5424, NZS/BS 5425, NZS/BS 5426, NZS/BS 5427, NZS/BS 5428, NZS/BS 5429, NZS/BS 5430, NZS/BS 5431, NZS/BS 5432, NZS/BS 5433, NZS/BS 5434, NZS/BS 5435, NZS/BS 5436, NZS/BS 5437, NZS/BS 5438, NZS/BS 5439, NZS/BS 5440, NZS/BS 5441, NZS/BS 5442, NZS/BS 5443, NZS/BS 5444, NZS/BS 5445, NZS/BS 5446, NZS/BS 5447, NZS/BS 5448, NZS/BS 5449, NZS/BS 5450, NZS/BS 5451, NZS/BS 5452, NZS/BS 5453, NZS/BS 5454, NZS/BS 5455, NZS/BS 5456, NZS/BS 5457, NZS/BS 5458, NZS/BS 5459, NZS/BS 5460, NZS/BS 5461, NZS/BS 5462, NZS/BS 5463, NZS/BS 5464, NZS/BS 5465, NZS/BS 5466, NZS/BS 5467, NZS/BS 5468, NZS/BS 5469, NZS/BS 5470, NZS/BS 5471, NZS/BS 5472, NZS/BS 5473, NZS/BS 5474, NZS/BS 5475, NZS/BS 5476, NZS/BS 5477, NZS/BS 5478, NZS/BS 5479, NZS/BS 5480, NZS/BS 5481, NZS/BS 5482, NZS/BS 5483, NZS/BS 5484, NZS/BS 5485, NZS/BS 5486, NZS/BS 5487, NZS/BS 5488, NZS/BS 5489, NZS/BS 5490, NZS/BS 5491, NZS/BS 5492, NZS/BS 5493, NZS/BS 5494, NZS/BS 5495, NZS/BS 5496, NZS/BS 5497, NZS/BS 5498, NZS/BS 5499, NZS/BS 5500, NZS/BS 5501, NZS/BS 5502, NZS/BS 5503, NZS/BS 5504, NZS/BS 5505, NZS/BS 5506, NZS/BS 5507, NZS/BS 5508, NZS/BS 5509, NZS/BS 5510, NZS/BS 5511, NZS/BS 5512, NZS/BS 5513, NZS/BS 5514, NZS/BS 5515, NZS/BS 5516, NZS/BS 5517, NZS/BS 5518, NZS/BS 5519, NZS/BS 5520, NZS/BS 5521, NZS/BS 5522, NZS/BS 5523, NZS/BS 5524, NZS/BS 5525, NZS/BS 5526, NZS/BS 5527, NZS/BS 5528, NZS/BS 5529, NZS/BS 5530, NZS/BS 5531, NZS/BS 5532, NZS/BS 5533, NZS/BS 5534, NZS/BS 5535, NZS/BS 5536, NZS/BS 5537, NZS/BS 5538, NZS/BS 5539, NZS/BS 5540, NZS/BS 5541, NZS/BS 5542, NZS/BS 5543, NZS/BS 5544, NZS/BS 5545, NZS/BS 5546, NZS/BS 5547, NZS/BS 5548, NZS/BS 5549, NZS/BS 5550, NZS/BS 5551, NZS/BS 5552, NZS/BS 5553, NZS/BS 5554, NZS/BS 5555, NZS/BS 5556, NZS/BS 5557, NZS/BS 5558, NZS/BS 5559, NZS/BS 5560, NZS/BS 5561, NZS/BS 5562, NZS/BS 5563, NZS/BS 5564, NZS/BS 5565, NZS/BS 5566, NZS/BS 5567, NZS/BS 5568, NZS/BS 5569, NZS/BS 5570, NZS/BS 5571, NZS/BS 5572, NZS/BS 5573, NZS/BS 5574, NZS/BS 5575, NZS/BS 5576, NZS/BS 5577, NZS/BS 5578, NZS/BS 5579, NZS/BS 5580, NZS/BS 5581, NZS/BS 5582, NZS/BS 5583, NZS/BS 5584, NZS/BS 5585, NZS/BS 5586, NZS/BS 5587, NZS/BS 5588, NZS/BS 5589, NZS/BS 5590, NZS/BS 5591, NZS/BS 5592, NZS/BS 5593, NZS/BS 5594, NZS/BS 5595, NZS/BS 5596, NZS/BS 5597, NZS/BS 5598, NZS/BS 5599, NZS/BS 5600, NZS/BS 5601, NZS/BS 5602, NZS/BS 5603, NZS/BS 5604, NZS/BS 5605, NZS/BS 5606, NZS/BS 5607, NZS/BS 5608, NZS/BS 5609, NZS/BS 5610, NZS/BS 5611, NZS/BS 5612, NZS/BS 5613, NZS/BS 5614, NZS/BS 5615, NZS/BS 5616, NZS/BS 5617, NZS/BS 5618, NZS/BS 5619, NZS/BS 5620, NZS/BS 5621, NZS/BS 5622, NZS/BS 5623, NZS/BS 5624, NZS/BS 5625, NZS/BS 5626, NZS/BS 5627, NZS/BS 5628, NZS/BS 5629, NZS/BS 5630, NZS/BS 5631, NZS/BS 5632, NZS/BS 5633, NZS/BS 5634, NZS/BS 5635, NZS/BS 5636, NZS/BS 5637, NZS/BS 5638, NZS/BS 5639, NZS/BS 5640, NZS/BS 5641, NZS/BS 5642, NZS/BS 5643, NZS/BS 5644, NZS/BS 5645, NZS/BS 5646, NZS/BS 5647, NZS/BS 5648, NZS/BS 5649, NZS/BS 5650, NZS/BS 5651, NZS/BS 5652, NZS/BS 5653, NZS/BS 5654, NZS/BS 5655, NZS/BS 5656, NZS/BS 5657, NZS/BS 5658, NZS/BS 5659, NZS/BS 5660, NZS/BS 5661, NZS/BS 566

NPDC Approved
21 APR 2010



END BAY ELEVATION



Cnr Spa Road and Rotokawa Street
PO Box 1123 Taupo 2730 New Zealand
Phone : 0 7 378 5067 Fax : 0 7 378 2800

Job Title

SHED BOSS

Drg. Title

Typical Construction
Details

Scale

1:100
@ A4

Design by

JMD

Drawn by

JMD

Date

Mar 10

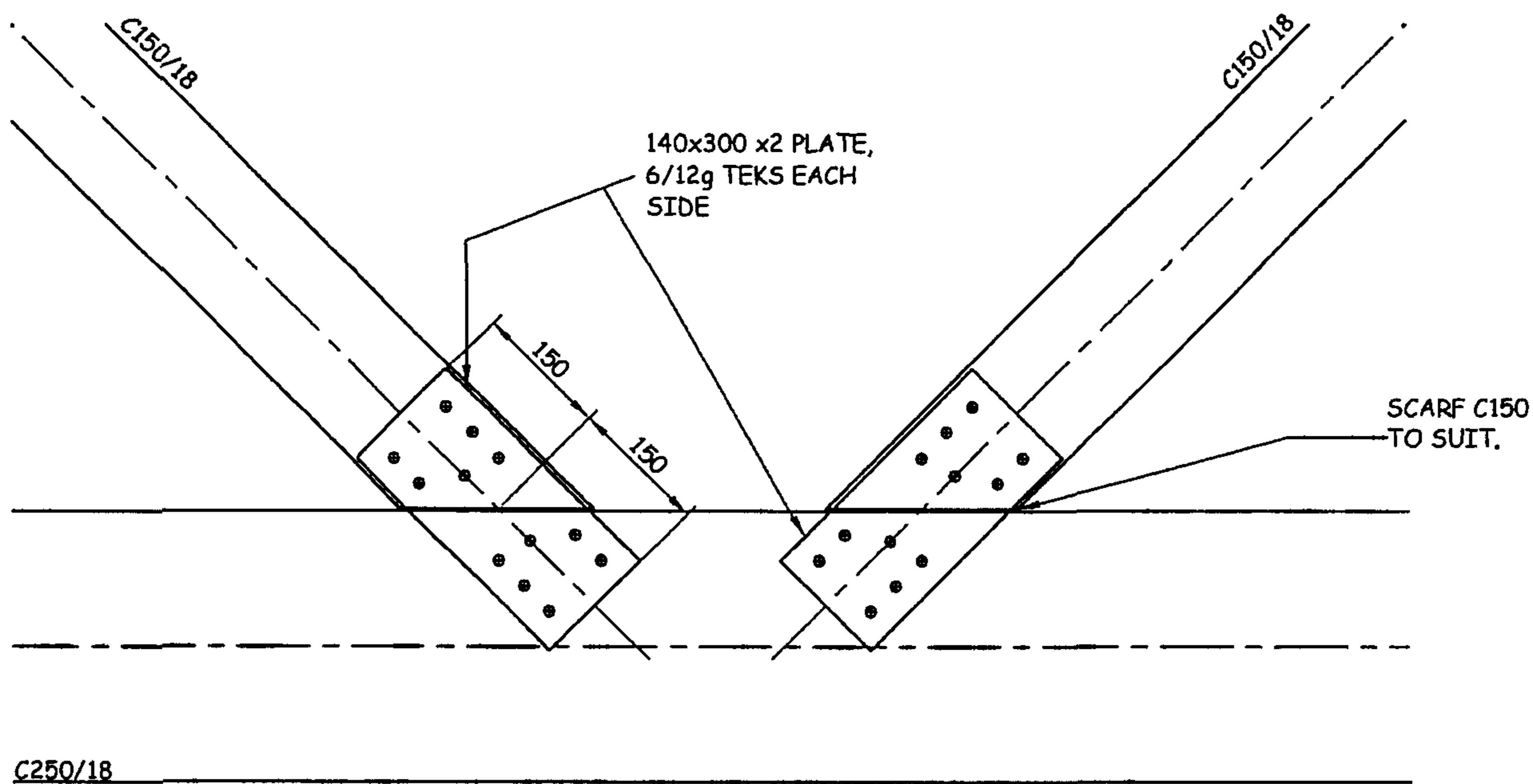
Job No.

10125

Drg. No.

E1a

Rev A 24.3.10 revised to suit actual door opening width



NPDC Approved
21 APR 2010

engineering planning surveying
dbcon
beyond engineering

Cnr Spa Road and Rotokawa Street
PO Box 1123 Taupo 2730 New Zealand
Phone : 07 378 5067 Fax : 07 378 2800

Job Title

SHED BOSS

Drg. Title

Typical Construction
Details

Scale

1:10
@ A4

Design by

JMD

Drawn by

JMD

Date

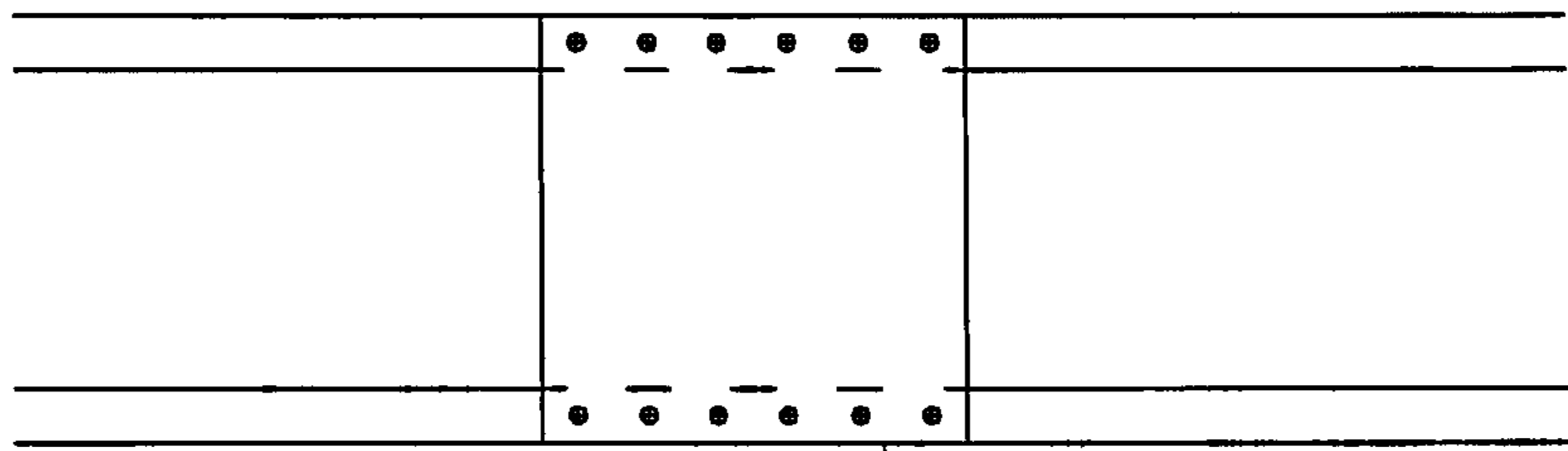
Mar 10

Job No.

10125

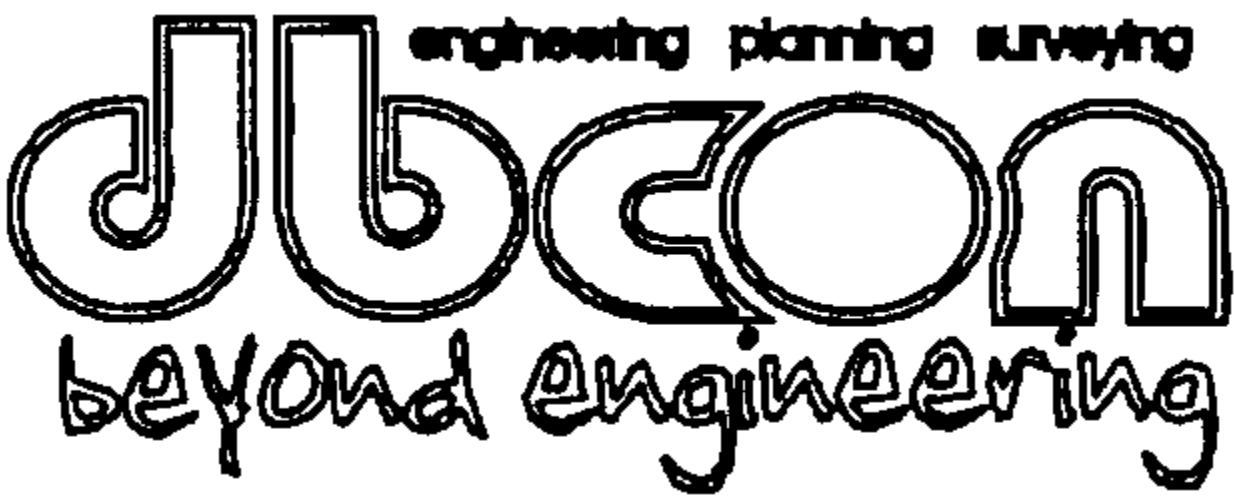
Drg No.

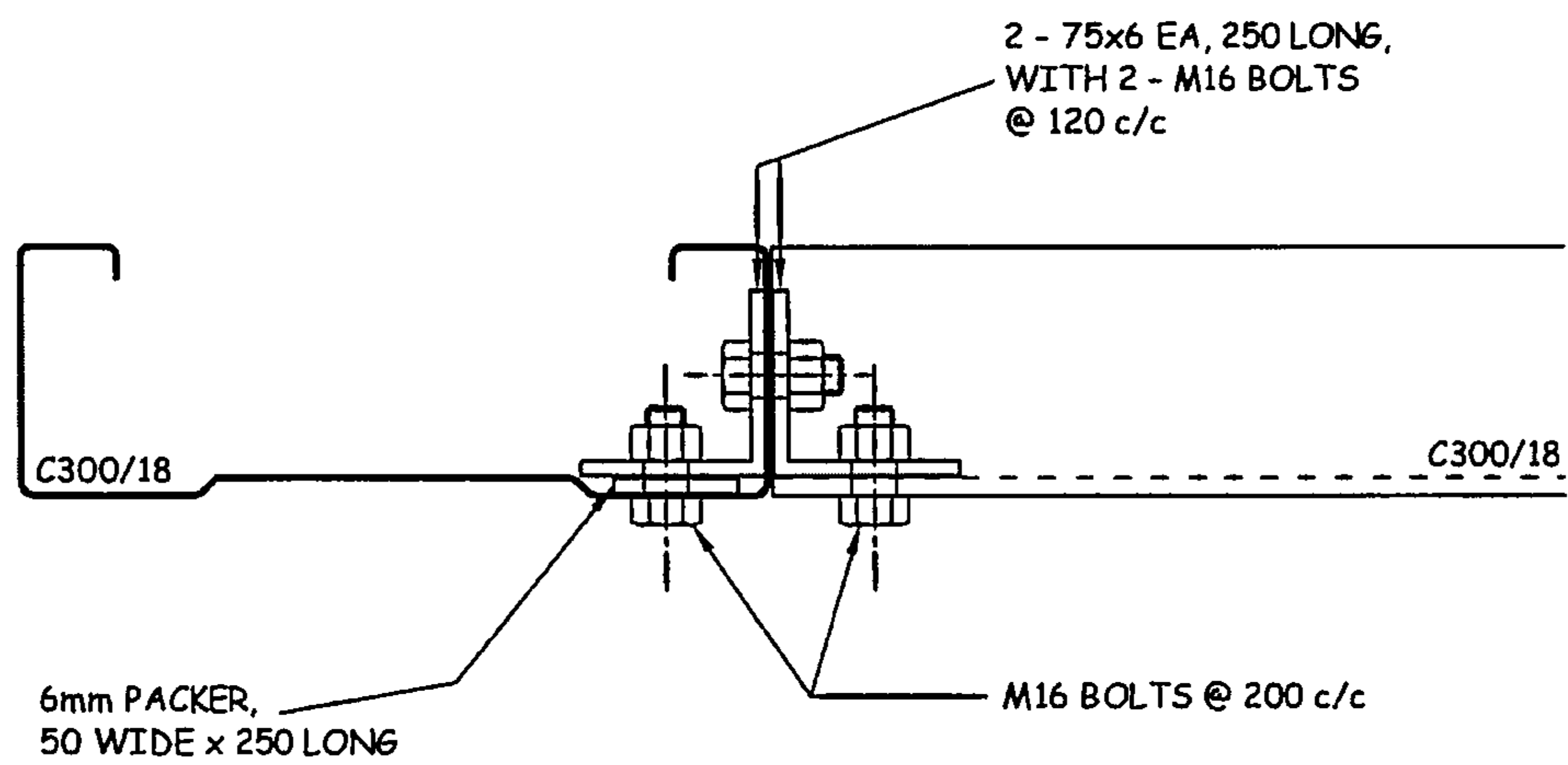
02



300x300 x3 (G450) PLATE,
WITH 6/12g TEKS TOP
AND BOTTOM

NPDC Approved
21 APR 2010

 Cnr Spa Road and Rotokawa Street PO Box 1123 Taupo 2730 New Zealand Phone : 0 7 378 5067 Fax : 0 7 378 2800	Job Title SHED BOSS	Scale 1:10 @ A4	Design by JMD	Drawn by JMD	Date Mar 10
	Drg. Title Typical Construction Details	Job No. 10125		Drg. No. 03	



NPDC Approved
21 APR 2010

dbcon engineering planning surveying
beyond engineering

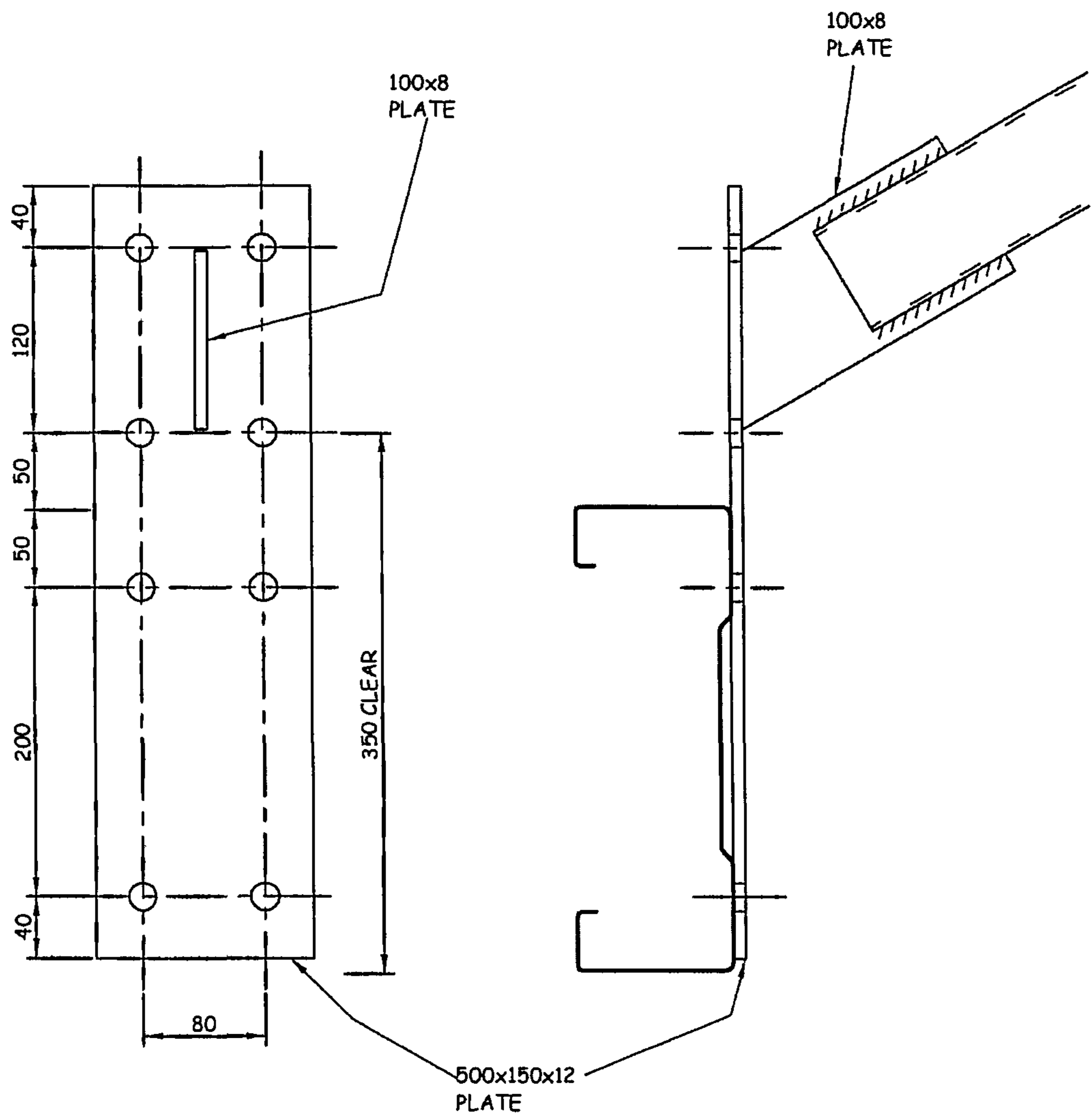
Cnr Spa Road and Rotokawa Street
PO Box 1123 Taupo 2730 New Zealand
Phone : 07 378 5067 Fax : 07 378 2800

Job Title
SHED BOSS

Drg. Title
**Typical Construction
Details**

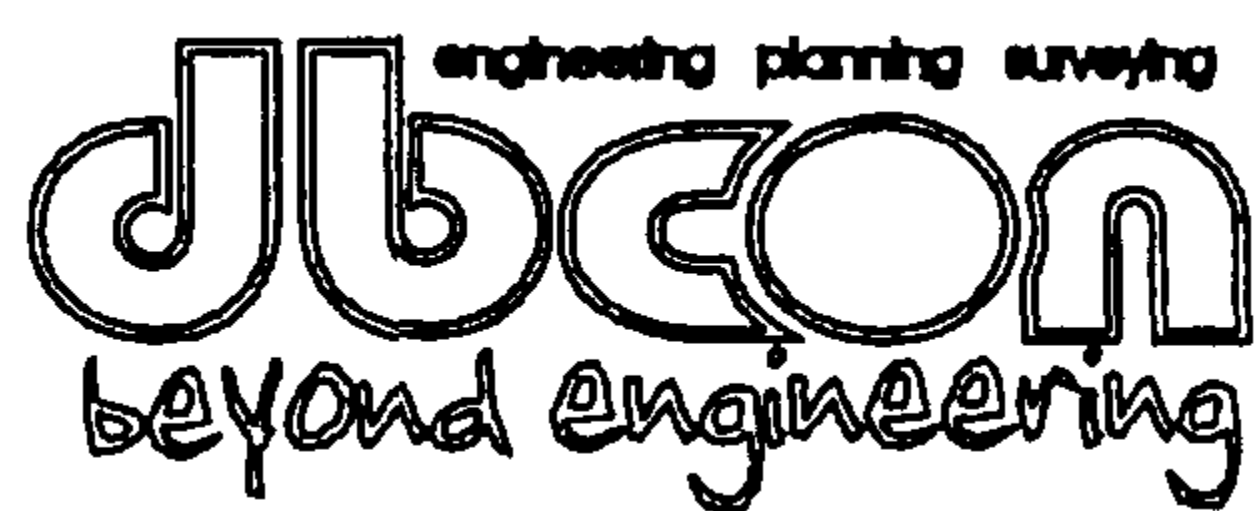
Scale	Design by	Drawn by	Date
1:5 @ A4	JMD	JMD	Mar 10

Job No.	Drg. No.
10125	04



BRACE FIXED WITH
M16 BOLTS EACH END

NPDC Approved
21 APR 2010



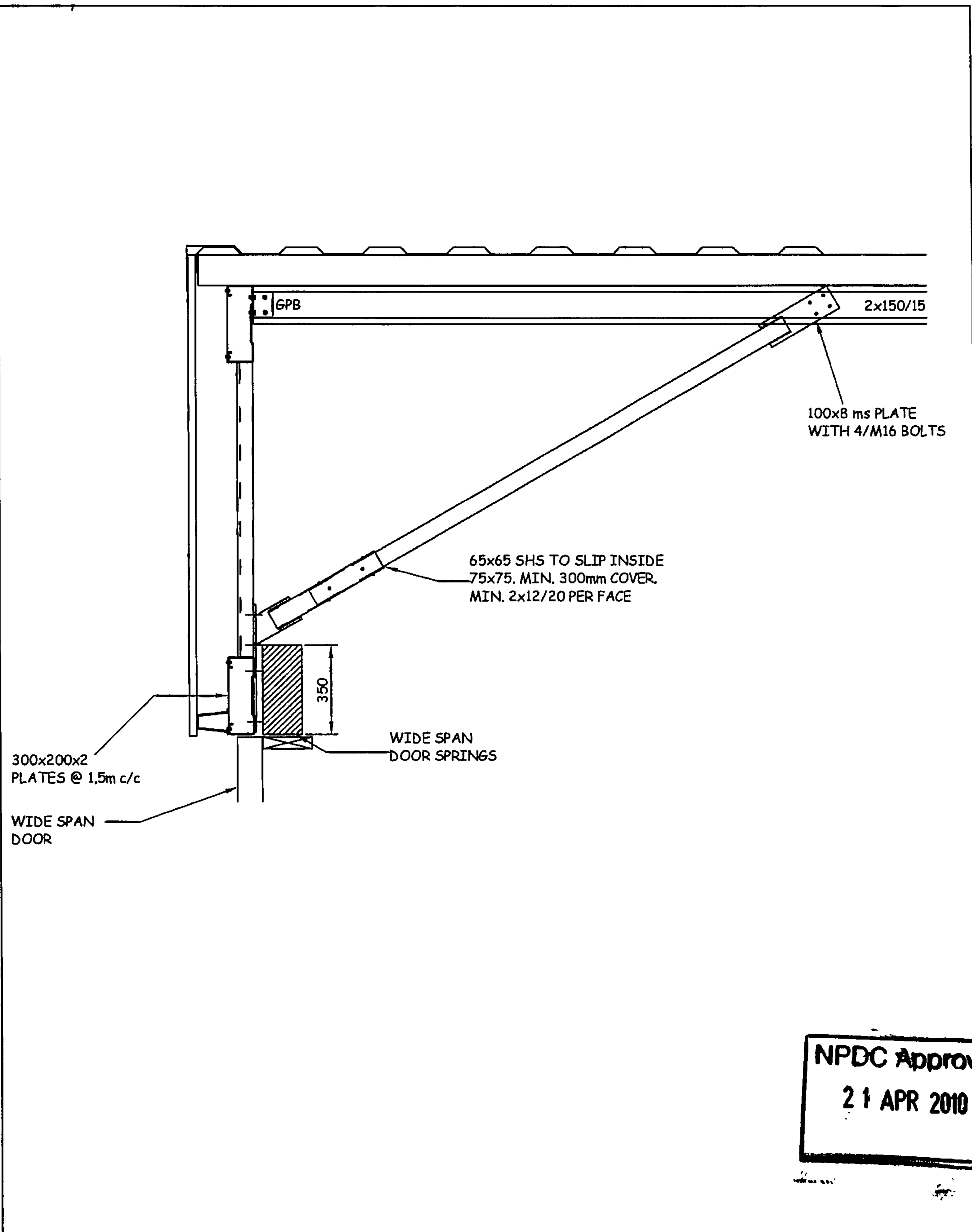
Cnr Spa Road and Rotokawa Street
PO Box 1123 Taupo 2730 New Zealand
Phone : 0 7 378 5067 Fax : 0 7 378 2800

Job Title
SHED BOSS

Drg. Title
**Typical Construction
Details**

Scale 1:5 @ A4	Design by JMD	Drawn by JMD	Date Mar 10
----------------------	------------------	-----------------	----------------

Job No. 10125	Drg. No. 06
-------------------------	-----------------------



engineering planning surveying
dbcon
beyond engineering

Cnr Spa Road and Rotokawa Street
PO Box 1123 Taupo 2730 New Zealand
Phone : 07 378 5067 Fax : 07 378 2800

Job Title
SHED BOSS

Drg. Title
**Typical Construction
Details**

Scale
1:20
@ A4

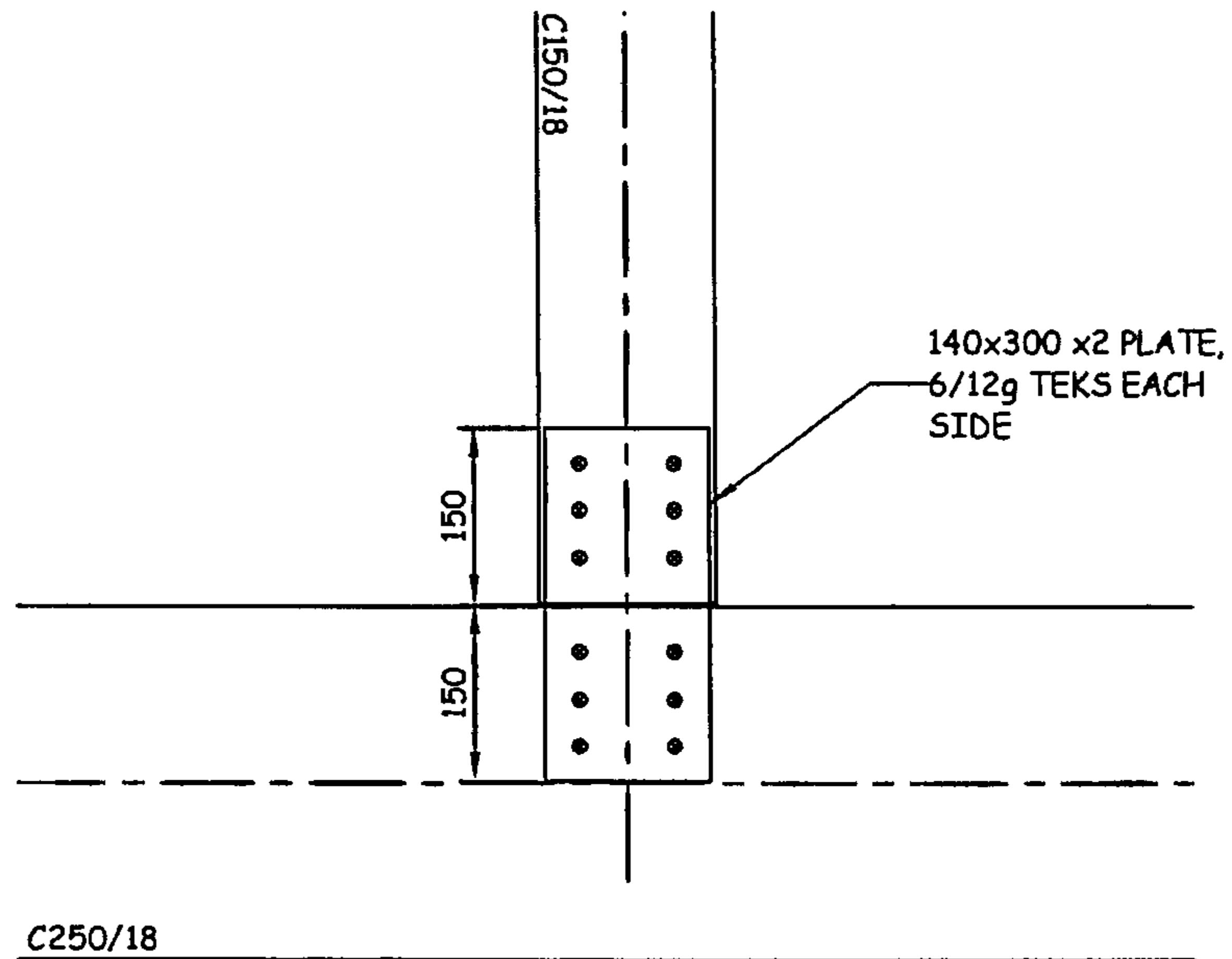
Design by
JMD

Drawn by
JMD

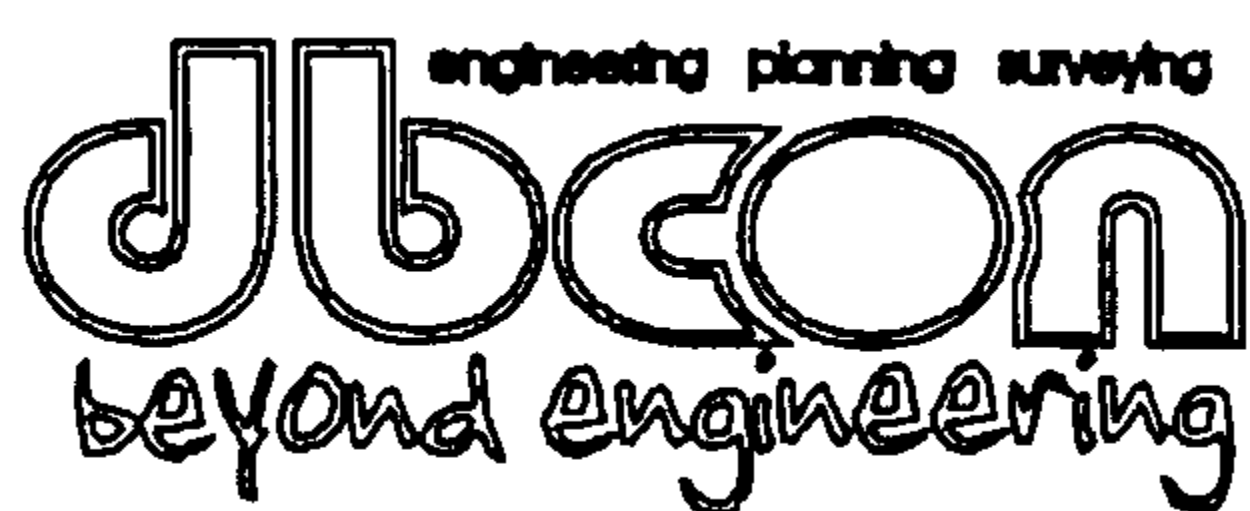
Date
Mar 10

Job No.
10125

Drg. No.
07



NPDC Approved
21 APR 2010



Cnr Spa Road and Rotokawa Street
PO Box 1123 Taupo 2730 New Zealand
Phone : 07 378 5067 Fax : 07 378 2800

Job Title

SHED BOSS

Scale

1:10
@ A4

Design by

JMD

Drawn by

JMD

Date

Mar 10

Drg. Title

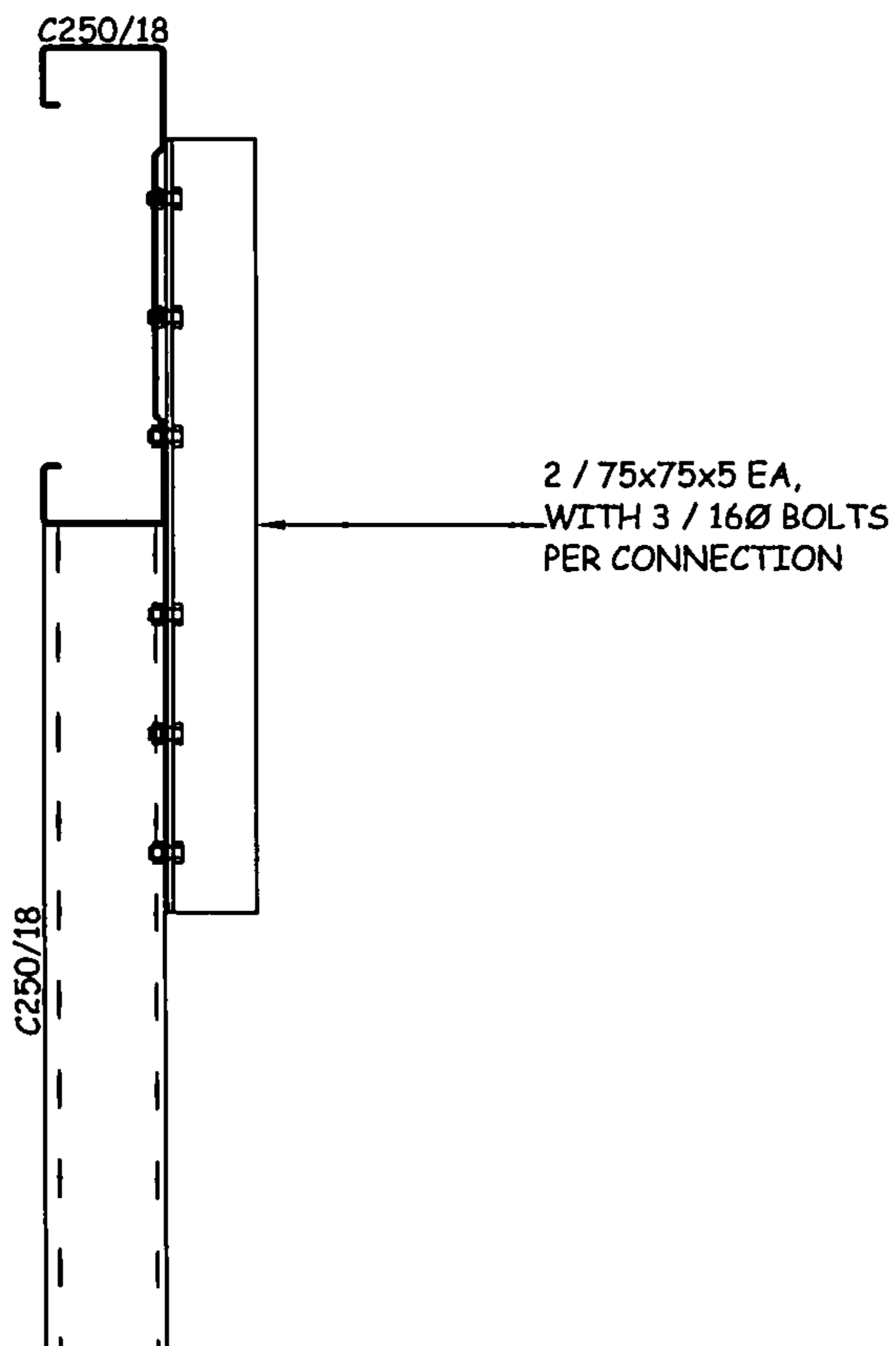
**Typical Construction
Details**

Job No.

10125

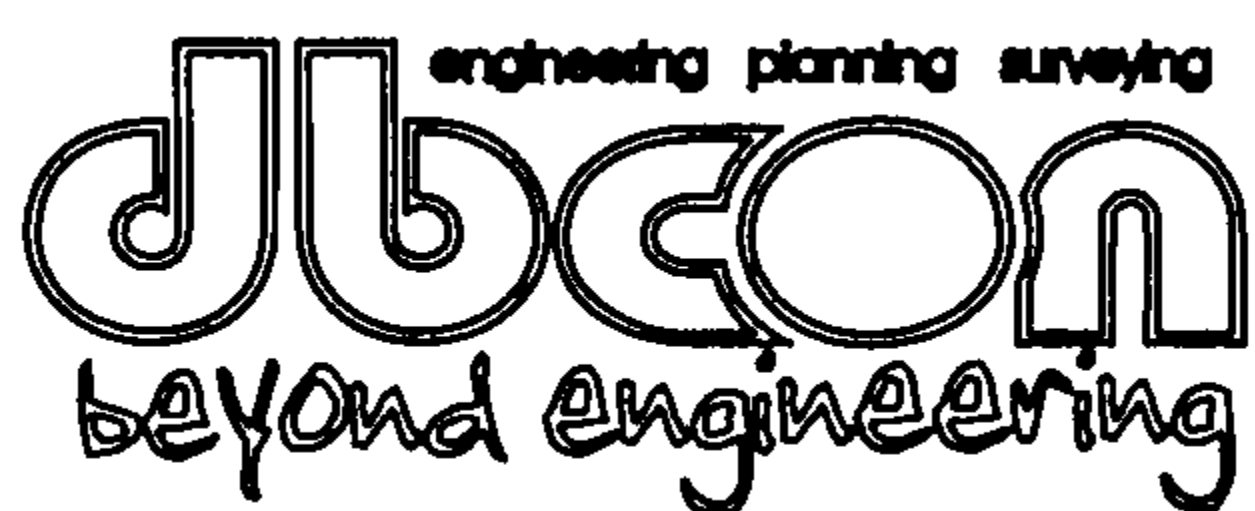
Drg. No.

08



NPDC Approved
21 APR 2010

Rev A 24.3.10 correct size mullions and door head shown



Cnr Spa Road and Rotokawa Street
PO Box 1123 Taupo 2730 New Zealand
Phone : 0 7 378 5067 Fax : 0 7 378 2800

Job Title

SHED BOSS

Scale
as shown
@ A4

Design by
JMD

Drawn by
JMD

Date
Mar 10

Drg. Title

Typical Construction
Details

Job No.

10125

Drg. No.

09a

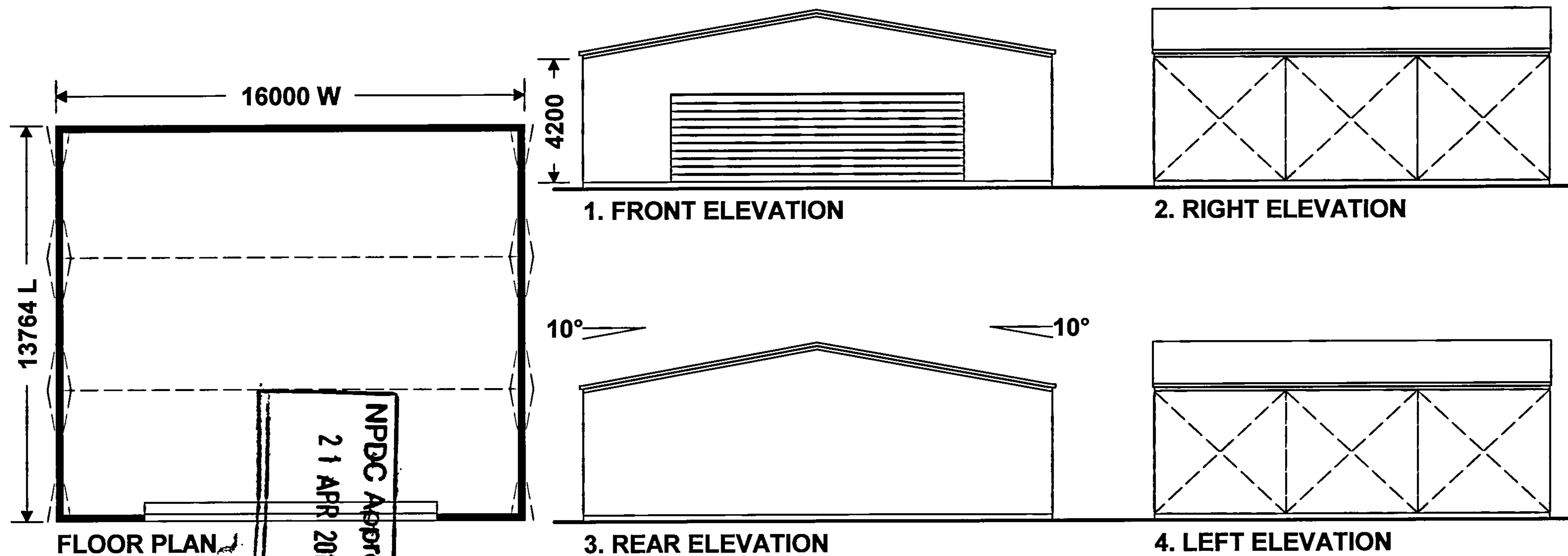


Hub Trading Ltd T/A Shed Boss Taranaki
P.O. Box 1022, New Plymouth NZ 4340
Tel 06 769 6799
Fax 06 769 6798
GST 90 703 935

Plan Sheet

For : Ken Finline
Project No. : 1373-0-Finline
Lot No. : Lot 1
RP No. : DP 324159
Site Area :
Site Address : 16 Beach Road Urenui NZ
Parish :
County :
Windspeed : W41N:N3

These drawings are to be read in conjunction with
Shed Boss standard structural detail drawings.
Use figured dimensions only. Drawing is NOT to scale.





Hub Trading Ltd T/A Shed Boss Taranaki
P.O. Box 1022, New Plymouth NZ 4340
Tel 06 769 6799
Fax 06 769 6798
GST 90 703 935

Portal Frame Internal

For : Ken Finline
Project No. : 1373-0-Finline

These drawings are to be read in conjunction with
Shed Boss standard structural detail drawings.
Use figured dimensions only. Drawing is NOT to scale.

