



Code Compliance Certificate: 78548
Section 436, Building Act 2004

Issued:05May05



WHANGAREI
DISTRICT COUNCIL

The Building

Street Address of building: 59 MORNINGSIDE RD, WHANGAREI 0101

Legal Description of land where building is located:

LOT 3 DP 44758

LLP 054031

Current, lawfully established use:

Year first constructed:

The Owner

Name of owner: A C & F BROUWER
59 MORNINGSIDE ROAD
WHANGAREI

Contact Person: A C & F BROUWER
Mailing Address: 59 MORNINGSIDE RD
WHANGAREI 0101

Street address/registered office: 59 MORNINGSIDE RD
WHANGAREI 0101

Building Work: GARAGE

Building Consent number: 78548
Issued by: Whangarei District Council

Code Compliance

The building consent authority named below is satisfied, on reasonable grounds, that -

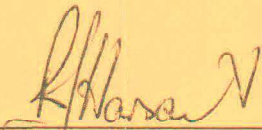
(a) the building work complies with the building consent.

*Creating the ultimate
living environment*

Council Charges

The Council's total charges payable on the uplifting of this code compliance certificate in accordance with the attached details are: \$0.00

This is a final code compliance certificate issued in respect of all of the building work under the above building consent



Signature

Building Officer

Position

On behalf of: Whangarei District Council

Date: 05 May 2005

FINAL CODE COMPLIANCE CERTIFICATE: 78548



Issue Document

BUILDING CONSENT No: 78548
Section 35, Building Act 1991
Issued: 19 Nov 04
Project Information Memorandum No: 78367

78548

Applicant

A C & F BROUWER
59 MORNINGSIDE RD
WHANGAREI 0101

Agent

A C & F BROUWER
59 MORNINGSIDE RD
WHANGAREI 0101

Site Information

PROPERTY ID: 054031
STREET ADDRESS: 59 MORNINGSIDE RD, WHANGAREI 0101
LEGAL DESCRIPTION: LOT 3 DP 44758

Project Information

PROJECT IS FOR: Other & Demolition
INTENDED USE(S): GARAGE
INTENDED LIFE: Indefinite but not less than 50 years
VALUE OF WORK: \$19,500.00
NUMBER OF STAGES: 1

Fees

COUNCIL'S TOTAL CHARGES FOR THIS BUILDING CONSENT ARE: \$389.00
PAYMENTS RECEIVED TO DATE:
Receipt number: 2828611 Date: 09 Nov 04 Amount: \$389.00

This Consent is issued subject to the following conditions:
=====

1: General

No Requirements.

2: Dust Nuisance

The applicant must control dust nuisance created by any site or building works.

3: Toilet Facilities

Toilet facilities must be provided within reasonable distance of the construction site. Ground discharge is no longer acceptable.

Signed for and on behalf of the Council

Name:..... **G. Byers**

Signature:..... *G. Byers*

Date: *23.11.04*

REAR YARD CONTIGUES

CARPORT TO BE REMOVED

2 EXISTING CARPARK SPACES + TURNING AREA

NEIGHBOURS HOUSE
57 MORNINGSIDE RD

EXISTING HOUSE
59 MORNINGSIDE RD

EXISTING DRIVEWAY
61 MORNINGSIDE RD

EXISTING TREE

Proposed 9x6 GARAGE

Stormwater to Kerb

PROPOSED DRIVEWAY/TURNING SPACE

EXISTING HUGE PALM TREE

EXISTING RD 16 DRIVEWAY

BUS STOP SHELTER

EXISTING CROSSING & DRIVEWAY

FOOT PATH

EXISTING CROSSING & DRIVEWAY

0.3 MTR

2.4 MTR

1.5

1.5

3.0

RC 33423 granted

RMA 91
REQUIREMENT
REQUIRED

DELETE

APPROVED
18 NOV 2004
WHANGAREI DISTRICT COUNCIL
BUILDING CONTROL

RECEIVED
08 NOV 2004
WHANGAREI DISTRICT COUNCIL

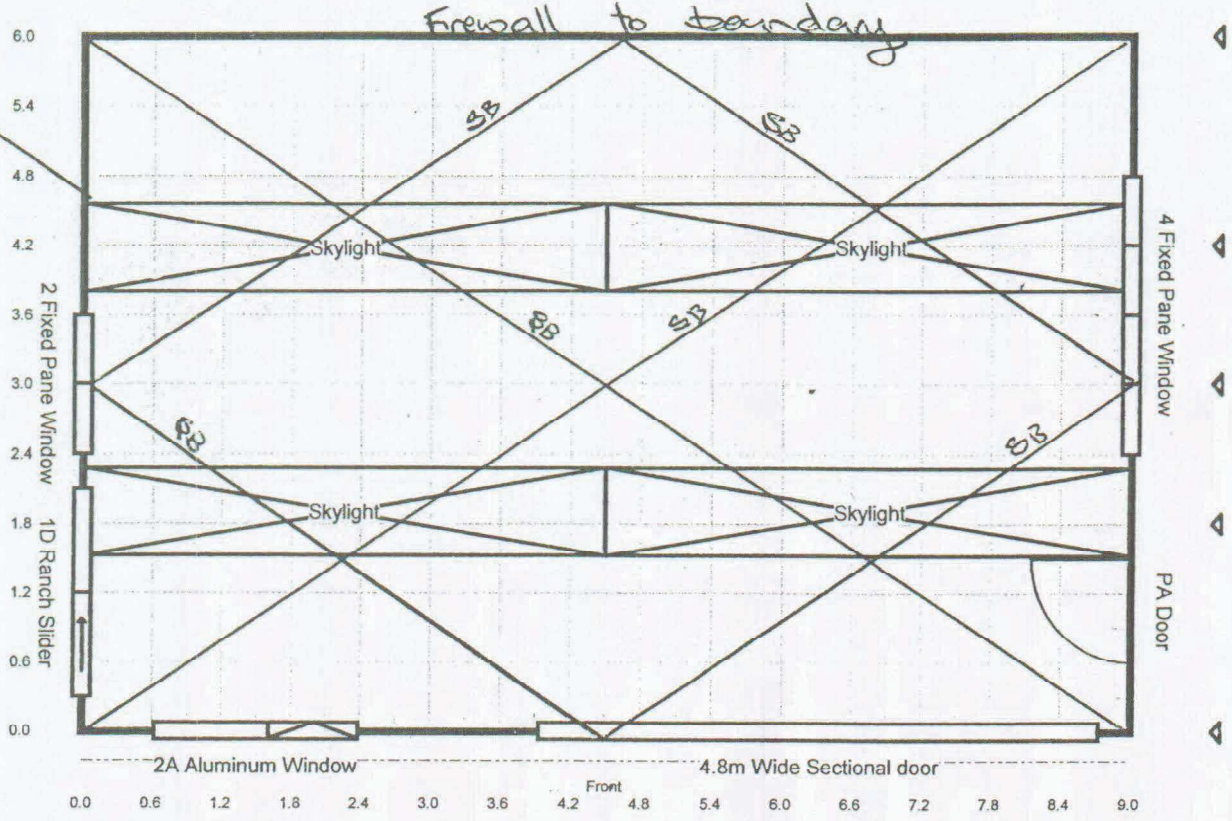


Handwritten signatures

6

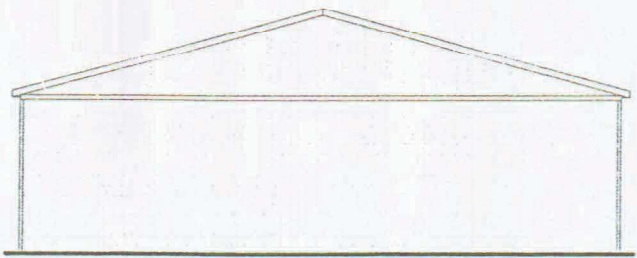
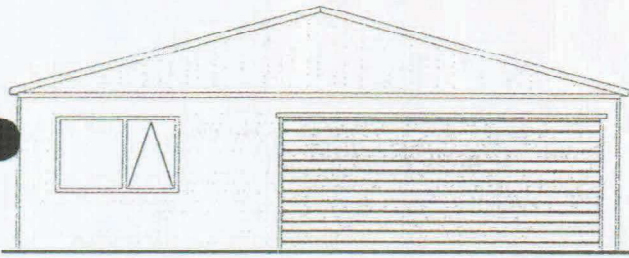
Proposed: (Quote Number: AMC-42)
 For: Brouwer
 Address: Not given

Fire wall
 returned
 2x4 m



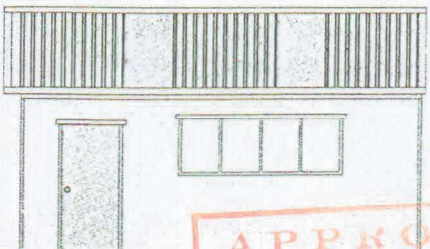
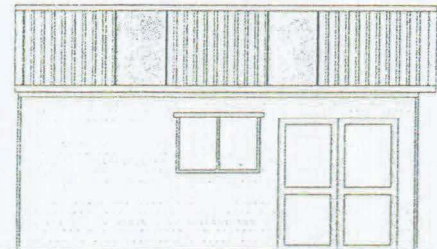
Front

Rear



Left

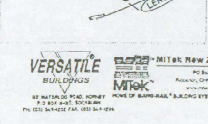
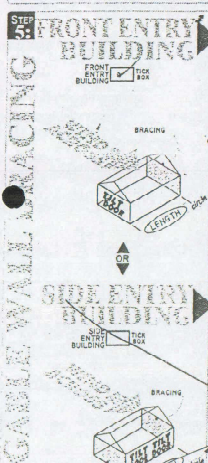
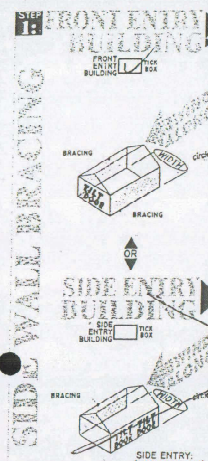
Right



Design approved by client:

RECEIVED
 08 NOV 2004
 WHANGAREI
 DISTRICT COUNCIL

APPROVED
 18 NOV 2004
 Date: DISTRICT COUNCIL
 BUILDING CONTROL



STEP 2a: BRACING DEMAND FOR WIND DIRECTION. ALONG RIDGE LINE

WALL HEIGHT	LOW	MED.	HIGH	V. HIGH
3.0m	35	46	66	85
3.6m	42	55	79	102
4.2m	49	64	93	119
4.8m	56	75	106	136
5.4m	63	83	119	153
6.0m	70	92	132	170
6.6m	77	101	146	187
7.2m	84	110	159	204
7.8m	91	119	172	221
8.4m	98	128	185	238
9.0m	105	138	199	255

STEP 2b: BRACING DEMAND FOR WIND DIRECTION. ALONG RIDGE LINE

WALL HEIGHT	LOW	MED.	HIGH	V. HIGH
3.0m	70	92	132	170
3.6m	84	110	159	204
4.2m	98	129	189	238
4.8m	112	147	212	272
5.4m	126	164	238	306
6.0m	140	184	269	340
6.6m	154	202	291	374
7.2m	168	220	318	408
7.8m	183	239	346	442
8.4m	197	257	370	476
9.0m	211	275	397	510

STEP 6: BRACING DEMAND FOR WIND DIRECTION. ACROSS RIDGE LINE

WALL LENGTH	LOW	MED.	HIGH	V. HIGH
3.0m	22	32	47	59
3.6m	29	39	57	71
4.2m	34	45	66	83
4.8m	39	52	76	95
5.4m	44	58	85	107
6.0m	49	65	95	119
6.6m	53	71	104	131
7.2m	58	78	113	143
7.8m	63	84	123	154
8.4m	68	91	132	165
9.0m	73	97	142	178
9.6m	78	104	151	190
10.2m	83	110	161	202
10.8m	87	117	170	214
11.4m	92	123	180	226
12.0m	97	130	189	238

STEP 6a: BRACING DEMAND FOR WIND DIRECTION. ACROSS RIDGE LINE

WALL LENGTH	LOW	MED.	HIGH	V. HIGH
3.0m	44	58	85	107
3.6m	53	69	101	127
4.2m	62	81	118	149
4.8m	71	94	136	171
5.4m	80	107	154	193
6.0m	89	120	172	215
6.6m	98	133	190	237
7.2m	107	146	208	259
7.8m	116	159	226	281
8.4m	125	172	244	303
9.0m	134	185	262	325
9.6m	143	198	280	347
10.2m	152	211	298	369
10.8m	161	224	316	391
11.4m	170	237	334	413
12.0m	179	250	352	435

STEP 6b: BRACING DEMAND FOR WIND DIRECTION. ACROSS RIDGE LINE

WALL LENGTH	LOW	MED.	HIGH	V. HIGH
3.0m	88	116	170	214
3.6m	106	139	201	255
4.2m	124	162	232	296
4.8m	142	185	263	337
5.4m	160	208	294	378
6.0m	178	231	325	419
6.6m	196	254	356	460
7.2m	214	277	387	501
7.8m	232	300	418	542
8.4m	250	323	449	583
9.0m	268	346	480	624
9.6m	286	369	511	665
10.2m	304	392	542	706
10.8m	322	415	573	747
11.4m	340	438	604	788
12.0m	358	461	635	829

STEP 3a: CLADDING: PRIMARY BRACING

CLADDING CODE	RATING	QUANTITY	TOTAL
VV6-12 60 _{max} x	12	135	1620
VV6-18 90 _{max} x	18	135	2430
VS6-12 45 _{max} x	12	135	1620
VS6-18 60 _{max} x	18	135	2430

STEP 3b: HARDWARE: SECONDARY BRACING

BRACING CODE	RATING	QUANTITY	TOTAL
VTA0	70	100	7000
VTA6	100	100	10000
VTA8	120	100	12000
VTA10	140	100	14000
VTA12	160	100	16000
VTA14	180	100	18000
VTA16	200	100	20000
VTA18	220	100	22000
VTA20	240	100	24000
VTA22	260	100	26000
VTA24	280	100	28000
VTA26	300	100	30000
VTA28	320	100	32000
VTA30	340	100	34000
VTA32	360	100	36000
VTA34	380	100	38000
VTA36	400	100	40000
VTA38	420	100	42000
VTA40	440	100	44000
VTA42	460	100	46000
VTA44	480	100	48000
VTA46	500	100	50000
VTA48	520	100	52000
VTA50	540	100	54000
VTA52	560	100	56000
VTA54	580	100	58000
VTA56	600	100	60000
VTA58	620	100	62000
VTA60	640	100	64000
VTA62	660	100	66000
VTA64	680	100	68000
VTA66	700	100	70000
VTA68	720	100	72000
VTA70	740	100	74000
VTA72	760	100	76000
VTA74	780	100	78000
VTA76	800	100	80000
VTA78	820	100	82000
VTA80	840	100	84000
VTA82	860	100	86000
VTA84	880	100	88000
VTA86	900	100	90000
VTA88	920	100	92000
VTA90	940	100	94000
VTA92	960	100	96000
VTA94	980	100	98000
VTA96	1000	100	100000
VTA98	1020	100	102000
VTA100	1040	100	104000
VTA102	1060	100	106000
VTA104	1080	100	108000
VTA106	1100	100	110000
VTA108	1120	100	112000
VTA110	1140	100	114000
VTA112	1160	100	116000
VTA114	1180	100	118000
VTA116	1200	100	120000
VTA118	1220	100	122000
VTA120	1240	100	124000
VTA122	1260	100	126000
VTA124	1280	100	128000
VTA126	1300	100	130000
VTA128	1320	100	132000
VTA130	1340	100	134000
VTA132	1360	100	136000
VTA134	1380	100	138000
VTA136	1400	100	140000
VTA138	1420	100	142000
VTA140	1440	100	144000
VTA142	1460	100	146000
VTA144	1480	100	148000
VTA146	1500	100	150000
VTA148	1520	100	152000
VTA150	1540	100	154000
VTA152	1560	100	156000
VTA154	1580	100	158000
VTA156	1600	100	160000
VTA158	1620	100	162000
VTA160	1640	100	164000
VTA162	1660	100	166000
VTA164	1680	100	168000
VTA166	1700	100	170000

STEP 3a: CLADDING: PRIMARY BRACING

CLADDING CODE	RATING	QUANTITY	TOTAL
VV6-12 60 _{max} x	12	90	1080
VV6-18 90 _{max} x	18	90	1620
VS6-12 45 _{max} x	12	90	1080
VS6-18 60 _{max} x	18	90	1620

STEP 3b: HARDWARE: SECONDARY BRACING

BRACING CODE	RATING	QUANTITY	TOTAL
VTA0	70	100	7000
VTA6	100	100	10000
VTA8	120	100	12000
VTA10	140	100	14000
VTA12	160	100	16000
VTA14	180	100	18000
VTA16	200	100	20000
VTA18	220	100	22000
VTA20	240	100	24000
VTA22	260	100	26000
VTA24	280	100	28000
VTA26	300	100	30000
VTA28	320	100	32000
VTA30	340	100	34000
VTA32	360	100	36000
VTA34	380	100	38000
VTA36	400	100	40000
VTA38	420	100	42000
VTA40	440	100	44000
VTA42	460	100	46000
VTA44	480	100	48000
VTA46	500	100	50000
VTA48	520	100	52000
VTA50	540	100	54000
VTA52	560	100	56000
VTA54	580	100	58000
VTA56	600	100	60000
VTA58	620	100	62000
VTA60	640	100	64000
VTA62	660	100	66000
VTA64	680	100	68000
VTA66	700	100	70000
VTA68	720	100	72000
VTA70	740	100	74000
VTA72	760	100	76000
VTA74	780	100	78000
VTA76	800	100	80000
VTA78	820	100	82000
VTA80	840	100	84000
VTA82	860	100	86000
VTA84	880	100	88000
VTA86	900	100	90000
VTA88	920	100	92000
VTA90	940	100	94000
VTA92	960	100	96000
VTA94	980	100	98000
VTA96	1000	100	100000
VTA98	1020	100	102000
VTA100	1040	100	104000
VTA102	1060	100	106000
VTA104	1080	100	108000
VTA106	1100	100	110000
VTA108	1120	100	112000
VTA110	1140	100	114000
VTA112	1160	100	116000
VTA114	1180	100	118000
VTA116	1200	100	120000
VTA118	1220	100	122000
VTA120	1240	100	124000
VTA122	1260	100	126000
VTA124	1280	100	128000
VTA126	1300	100	130000
VTA128	1320	100	132000
VTA130	1340	100	134000
VTA132	1360	100	136000
VTA134	1380	100	138000
VTA136	1400	100	140000
VTA138	1420	100	142000
VTA140	1440	100	144000
VTA142	1460	100	146000
VTA144	1480	100	148000
VTA146	1500	100	150000
VTA148	1520	100	152000
VTA150	1540	100	154000
VTA152	1560	100	156000
VTA154	1580	100	158000
VTA156	1600	100	160000
VTA158	1620	100	162000
VTA160	1640	100	164000
VTA162	1660	100	166000
VTA164	1680	100	168000
VTA166	1700	100	170000

STEP 3a: CLADDING: PRIMARY BRACING

CLADDING CODE	RATING	QUANTITY	TOTAL
VV6-12 60 _{max} x	12	360	4320
VV6-18 90 _{max} x	18	360	5400
VS6-12 45 _{max} x	12	360	4320
VS6-18 60 _{max} x	18	360	5400

STEP 3b: HARDWARE: SECONDARY BRACING

BRACING CODE	RATING	QUANTITY	TOTAL
VTA0	70	100	7000
VTA6	100	100	10000
VTA8	120	100	12000
VTA10	140	100	14000
VTA12	160	100	16000
VTA14	180	100	18000
VTA16	200	100	20000
VTA18	220	100	22000
VTA20	240	100	24000
VTA22	260	100	26000
VTA24	280	100	28000
VTA26	300	100	30000
VTA28	320	100	32000
VTA30	340	100	34000
VTA32	360	100	36000
VTA34	380	100	