FREDERICK R SMITH desgnr date

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REGISTERED PROFESSIONAL ENGINEER P O Box 35 422, Browns Bay, Auckland Phone/Fax 0 9 473 1262

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14 amendes

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FREDERICK R SMITH date file page desgnr 15 REGISTERED PROFESSIONAL ENGINEER checkr job POBox 35 422, Browns Bay, Auckland Phone/Fax 0 9 473 1262 CONTROLL INCL -T.C.2 - DEFLECTION PURLINS Cisals 1500 C C150 19 CISOIS Chief CISCIL Chicais Crist CISO J Ö SOO Ö 0 Ö 0 O ひろがひ CISDIC Cisor B I CSp C1561 SISO SISO Cisor Crapi U U CIXIO Ö Clasic CISOLE OK.T CISOlo ز. 012010 CASCID GSE 8 00 U Cisoic Clasic CISDIO 3 Cissio CISEIO CISCIC CIQSID V 10 18 E 80°I CISCI M Bon Des Bell D Bell BCD B 800 800 BecD W 0. 8 BO 1201 15/2/5 C/30/5 13012 'n CISSIO d 7 5555 CHO P B U 10 0 0 O CISEID 12010 Q Cistical C 45 C 0/0/5/0 CISTO CISCIO Clycle I Cispi 0.50 3 U Clasio CLSDIC CISTIN Solo Ciscic CISOLO Clasic Ciso r.isolc CLSC 10 Seio CISTO Cissic BeП D Boul 118 17 M 8 50 8 U D 801 008 SGL D. ROL 801 80 8 BC 8 8 Sold O C CISER 0 0/25/0 cissio CISOle Clse LISE(CISS 3 D U 0 1257 Civola olasi CISUC 01 312517 CISCIO Cristio 213010 CISORU CISTOR D'SE アのほ Cissio 103 000 Grei Bull 口 Boll Boll 8 8 8e [] 008 DOB DOB BOL Boll 008 四级 D 60 8 1 500 108 000 801 8 8 ob N. S. W. d 0 0 0 (40) U PORLIN CRS 294 300 4 20 3 7 0

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	7	6.47	0-63	0.30	1.19	1.47	0.78	1.03	1-30	147	2-75	0.96	1-27	1.62	2-44	3.38
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BAY SPACINES, S FRAME CENTER	3	3.5		5	G	-"3	2.2	4	1	6	3	3.5	4	5	6
(1.2 a + 7.6 0) -2(0.015 + 0.015 +0.01)		k	lesel.	2121	2.0	1-29	(1.C)	171	2.13	2.5%	1.20	1450	1-71	213	2.
+1-6×0-25 5	1.29	1.50	2	3											*****
(096-w)	192	0.37				12=	0.67]		.,		9=1	5.76			
wlw 0.759/	0.78	_	1.04	1.30	1.27	1.30	1.52	1.74	2.17		1.60	1.56	2.13	2.6€	
Contracts		120000000			0.60		2.10	1	0,00	v-(□	0.40	0.60	0.60	10.60	
-Coegs AF AF		*******				0.91		0.84	1.537		1.171	1:351	1.531		
1/2 0.96-0.55g AF												1726	1.26 1	1:36:1	m
Yw 0350	0-32	0-34	0.46	25.0	150	25.00	0.66	674	n. 63	1-12	0.68	0.2-0	***********	1-14	,
V	4		7	10		5		.8	LL		6		9	12	<u> </u>
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T.C.2	*****	MINIMAPA	********	rinvieww.	AA EA THAT I JABAA	A FARTERCASA	UNION CHARACTER	***************************************	MARKETANA	-	*********	C.	50	THE PARTY COURT	MULAN
WIM)	·***********	*********	535	***********	· · · · · · · · · · · · · · · · · · ·		***	45							
BAY SPACINGS, S	3	3.5	4	5	G	-3	2.2	A	5	6	3	3.5	LE	8	6
(12647.60)															*********
2(0-015 + 0-025 +0-02)	1.294	11-50	1.7(3	V2-56						.,,,,,,				
+ (-G x + 25 S	\													1	
(096-w)	12=	0.37				1=	0.62					0.76			
wlw Unsqr			1.02	1.30	1.22	1.30	1.52	1.74	241	2-60	1.60	1.87	2.15	2.66	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
WIV Uga: Cre	52.0	.0:3h	052	2.16	0.25	0.36		25.0			52.0		51.0	20.0	
-cpeqs-MF AIR	0.40	क्ष	089	0.86	25.0	0.90						0.20		0.86	
A.	*********				2000	1	1.00		134		1081			1.53	
1/2 . U.9C - 0.55g AJE	0.437	0.20	0.384	0-/01	9.71	0-777	0-59	1.02.7	1.251	1.46	0.96	1.10	/		
lw 0.35g	0 .33	6.3:1	0.00	0.55	0.67	938	0.86	0.74	0.43	4.12	0.68	e.56	0.91	1412	1.37
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	T.C.2	*******	**********	entarething	mana	3121AJ1422AJ	umananan 	an ensurance	METABOTA SALE	********	1	CANSANDERICAN	5	500	******	PERMANEN
	WIM)	ACRESANA	ALLES AND SEC.	535	enenonia,	MATION SCHOOL		MARKET BULLER	45		-		-		5-	6
	BAYSPOENES , ? FRAME CENTER	3	3.5	LE	S	G	3	3.5	A	3	6	3	3.5	G.	3	ensemb
	(1.26 H.co)				214	12.50	.,,,,,,,,								ĺ	
1.	12(0-015 + 0-015 +0-04)	1.31 1	11.52	2	3	2.58										
1	+1.6x0.75 5													7	······	*********
1	(096-W)	12=	0.31				9=	0.62	1	 محب			0.76	حدرا	->	
1	WIN UTSAL	0.78	7.000	104	1.30	1.53	130	1.57	1.74	2.17		1.60	1.87		2.66	
1	W/v v.ga : Cpe	8		0.30		0.50	0.50	0.50	0.86	0-50	0.53	0.50	0.20	0.86	0.84	
	-Cpeys-MF Ale	0.41		0.56	0.54	0.53	0.54	0.87			1:41	0.93	107		1.48	
75	% 096-0550 AF	0.41	**********	**********			0.75			**********	1.40	0.43	1007	1.21	1.48	1.7
10	1/2 096-035gHF									1,11				0.91	1.14	1.3
15	9/w 0.35g	11	0 143			0.67	5	1.90	8	61	-1-12	6	0.30	9	12	
1		4		7	10									· · · · · · · · · · · · · · · · · · ·		
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			535	_	i			545	5				550		
BAM SPARINGS, S FRAME CONTRA	3	3.5	4	5	C	3	3.5	4	5	G	3	3.5	4	2	
(2a+160)															
12 (0 1015 + 01015 to-04)	1311	1.52	1.73↓	2.16	2.58	-									
+1.6 × 0.25 S	l_		2	3			**********							*********	
			<u> </u>	,		114=	0.69				2=	0-8-5			
(0.96-w)	1=0	1003	1.18	疝	1.76	145	1.69	1.93	2-42	2-40	1.79	2:39	2.38	2.98	
w/v 0.9 (0.015 1.24 10.04)														1
-C. FS Cpe		0.62		1		0.62		-0.62			0.62		0.62	0.62	1
ARRITA						1061	1.21	0.56	1		1.24 1	136		-	1
£ 196-05cg,	0.627	6.70	10.19	0.98	1116	100		/:.7).:							*
1.96 -0.55g	0.59	U.81	0.96	0.04	0.43	0.84	6.57	0.50	0.84	0.83	1.05	3 \$7	1.410	1-67	
	0.48	0-55	1134	1-64	0.91	- Sec.	0.96	2=1	2003	158	2=9↑	1.20	2-27	336	1
	4	77		رچ	1 3	-		200	1-04	1.24	ררים ל	० वट	702	1.23	
90 0.35g	0.38	V-25	0.51	OQ	0-16	9.62	0.34	14.05	1.04			~~~~	/	/	/
	4		7	10		5	.,,,,,,,,,,	8	U		6		9	12	1
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MICROSTEA	Ŋ	M	ne	4.5.7	2.	PR	oed	2AM							**
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CHOMPSON.	mul	m:4	5 min 3	MPa	KNm	KA	en	MANAGEMENT .
CISOLO	306	*******************************	14200	200	7.2	138	100	
C 15012	367		17066	500	8.2	165		
	376	***************************************	26,000	570	11.8	169	V	
C 22010		3.3×106	29,764	500	14-1	209	153	
C22012	451	P.>×10	21,206	450	19.1	186		21
C12012	459 564 581		37 20 2	450	11:5	255		
C15019	561		26786	1				
C22019	714	5.2×105	年7126	+50	19.1	289		
C 22024	902			450	25.5	405		
······································	***************************************	MAZZAM MAZZANA ZAMAZAMA		P P P P P P P P P P P P P P P P P P P				······································
CIS	2010	ΦA	n · = 9	1 fy 2.	S			
		.	. = 0.	95 × 50	12 K 15 1	9-2 X10		
				7.2 KN				
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				0.9 4 30	6 ×500			
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	V. Valla Vet		dNc =	& Aef	~	where (x	×) = (3	60)
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C22012 AM = 0.95 x 500 x 30 764	210-6
= 14.1 KN =	
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ur DN. = Dte fn	= (162
= 085×451×400	for = 172 E
= 123 KW	(10)
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KNEB JOIN	TS	T.(. 2
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AM XWALL MTO SPARING	LOHO CARE	m * 0.9	3MNX	SECTION	φM	4 Ne		BUX TON
6 × 3 × 3 m	1.26+1.60	2.923	- 4-4	CISUIO	7.2	100	138	0.45
<u> </u>	0.94-W25	3-8 3-0		612010				0.55
**************************************	0.96-WAT	6.5-5.1	4.8	C12010				0.94
	096-WSD	6.85.1		615010			1	0.99
	1 4		(***)	- 4				
······································	122+160	3.8	-5-3	C15010				0.28
6×3×4~	0.94-645	5. 4.0		010210				0.72
		8.6	6.2	C12010	11.8	100	2012	0.76
	0.96-645	10.5	7.6	2 612012	-			0-72
	0.96-W50	10.2		C1.2010				
613×,5m	1-29+160	4.8	-6.6	C12010		1		0.73
00371	0-96-W35	6-24.9	4.4	C15010	1			0.89
		10.68.5	7.6	2 215019	11.8	T.		0.94
	0.94-450	13.1	9-4	627012	14.1			0.98
8x3x 3m	1.24+160	5.34.	-2.3	CISOIO	7,2			0.79
	0.96 - W35	4.6	2.7	C12010				D.66
,	192-wus	7-9	4.8	C12017	8.7			0.49
	1.92 - W.D	9.7.8	2.9	(77010	11.5	<u> </u>		0.87
				14)				2.51
8×3 x 14m	+2a+1.60	7.157	-7. 1	C15012	8.7			0.94
	0.94-W35	6.3	3.6	1 010010	7.2			0.90
	0-9a-was	10.18.3	6.3	C12010	11.8			0.4
	0-9G -W.70	15-8 (0-7	7-7	C22012	14.1			0.93
,								1 /2 / 3 / 2
EK 34 5W	1-24 +1-60	8.77.0	-8-8	C22010	11.8			0.84
5x3x 3m	0.96 - M:2	7.6.1	4.5	010	8.2			0.96
*************************************		13. c	4.3 (157 7.8	C22012	14.1			0.96
***************************************	0-96-W45	16.0	9.6	010C37019	20.2		-	0-83
	1 0 14							
9 x 3 x 3 m	1.24+1.60	6.7	4-6.0	CISOIO	7.2			0:49
2.2.2	0-44 - W15	5.04.	2.7	CISUIU	7-2			6.71
	0.49 WAT	1.0	4.8	C12010	11.8			0.7
	6-94 WJ0	-6-6	6.0	(27010	11.8			0.9
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SYM ORDINAL HIT WSPACING	- LARO F	nt-0	8M# N*	SECTION	øm.	& Ne	PNT	m* + N*
TO THE RESIDENCE AND THE PROPERTY OF THE PARTY AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	819	15010	(22010	11.8	190		0.80	
9 x 3 x 4 m		6.75.	4 (150	(12017 (12017 (12017	8.1			0-24
	5.48-M32	11.6	3 CISU	9	14.1		1	0.3.7
	099-war	11.6	6.5°	CZZOIZ B K/B				
	0.94-450	14.7	3.0	713	4			***************************************
9x3 x 5m	1.26 +1.6 Q	11-1 8.0	- 9.9	C72012	14-1			0.82
	09A-W35	8.3 60	415	C22010	11.8			0.73
	0.96-W65	140	7.8					
	0496-W50	17.5-14.	9.3015	K/K				
		9.	(190	14	<u> </u>			4.00
12 × 3 × 3 m	1.26 + 160	12.1	-8·1	C22012	14.1	-		0.90
	894-W35	G-4 5°	3.0	CLZEIO	11.8			0.38
	04a - Was	10-4	1 3.1	CZZOIA	11.8			0.91
	0.92-650	13·4	6.5	C22012	14.1			1.00
		12	18 18c1	K/B	<u> </u>			
12×3×4~	1.26 +1.60	16.0	8 3 9 CI			***		1
	094-WIS	3.2	1 3.9 CI	15019	1			1
*	0.94 -Way	14.4	6.8 41 80	1500	-			
	094-W50	17.6	1 BC 85		1			
12/3 × 5m	1.26 +1-60	20.0	1-13.4	EISOIZ KEB				
	0-96-W3T	10.78	4.9	2012				
	0.9A -WUS	150	411	ISPIL				
	0.96-1010	21.7		15015				
	042							
9 x4.8 x3m	1.26 +160	11.99	-8.0	5019 (22012	14.1	191	247	***************************************
	0.96-435	12-8	5.4	(22012	14.1			0 19
	0.9C-4125	22.2						,
	8-94-450		9.4	isolo kins				
		15.7			1			
9×4-8 ×4~		1 :- 13	.6 _ BC	15015				
	096-435	17.1	7.2	15019				
	0.96 - WUS	1 . 1						
	0-94-10-7	343	13.5					
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STAN DENVALL HUT OF STAPING	LOND CHSE	Mit	N*	SELTEN	om	D No	PAT	m + N
9×4.8 ×5m	CANADA MARKANTA PARTICIPATO PA		7-13.2	BCISOIZ	******			PART PA
	6-94-W35	20.916	7 8.7	Be 13215				,
	096-WES	35.7	.500					-
		44.3 35	13-0					
	0.9a -W.50	44.5	18.6					
		12.19.	7	C15019 C22012				
12 × 4 · 8 × 3 m	1.20-1-64	1 / 17	- 8.1	C22012	14.1			0.90
	0-92-435			(12012	14.1			0.45
	19a-445	21-1-7-13-	0 6.4	Beisolo			*******************	
	age -ww	26.6 2	27.8	BC ISO IS KIB	,			
12x4.8x4m	1-26 +1-69		-10.7	BCISUIP				
	0-16-1031	21.1 13	78.7	BCIAIL				
	0.96 -Was	27.8	10.7	13C15019				
	0-40-W0	27	13.3	- 7				
							1	1
12×4.8×5m	1.2941-60	14-9 15	13.4	BE19912				1
	0-46-WSF	24616520	8 7.8	BC13019		***************************************	İ	T
	0.9 a - was	34.527		1_^				1
		3,	********	1-2			1	-
	0.44 -450	42.6	10-4	<u> </u>		***************************************		-
			***************************************	-		*************	ļ-i	·
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ADD KNIBE	-seres	70	gn	1412m	FRA	Mzg	ļ	

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SPAN QUIALL HIT KSOHEING	I DAN I	mt	ν*	SECTION	¢m	D We	PAT	如子子
6x> x 3m	1.29 4160	2.5	0.9	C15010	7.2			
	Wac	1.3	0.3					
	was	2.2	9.5					
1 2 1	. W50	3.2	0.1					
,		1	1.4					
6x3 x Lem	1.201760	3.1	-1.2	C15010	7.2			
	W35	1.59	0.31					
	Was	2.8	0.6					
	WO	3.4	0:8	-				
623 X Sm	1.26+1-6Q	3.8	-1.5	CIZDIO	フ・レ			
	W35	1.9	0-4				150	
		3.4	ידיט					
	w50	4-2	0.9			1	1	
823 x 3m	1-22 H-60	.3.5	-1:7	CISTO	7.2	1	1	
	wis	1.5	0.5					
,	Lins	2.7	0.9					
	wso		1.1					
		441711141111111111111				1	1 -	
8x3 x um	1.2att60	4.6	-2-3	CISUIO	7.2			
	Wzr	1-9	0.7					
	Was	3.5	1.1					
	wie	4.4	1.4					
8x3 x 5m	1.26.41-60	2.8	-2.8	CISTOIC	7.2			
823	Was	7.5	0.8					
***************************************	LU4S		1.4					
	WSO	5.4	1.7					
	1-26+1-60			1	1 7.7			
8 13 × 5 m	-	1.7	0.6	1 615010	7.2			
***************************************	W ₁ C	1	1		1			
	WAS	3.0	1-1		<u> </u>			
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MORY JOINS	1000	mi	N*	SECTION	¢m	D No	PNT	Em + NA
PAN DEWALL HUT ESPACING	1.2a+60	5.4	-2.9	C15010	7.2		1121 121	
923×4m				-13070				
	W3C	2.3	8.0				1	
	WAS	4.9	1.5					
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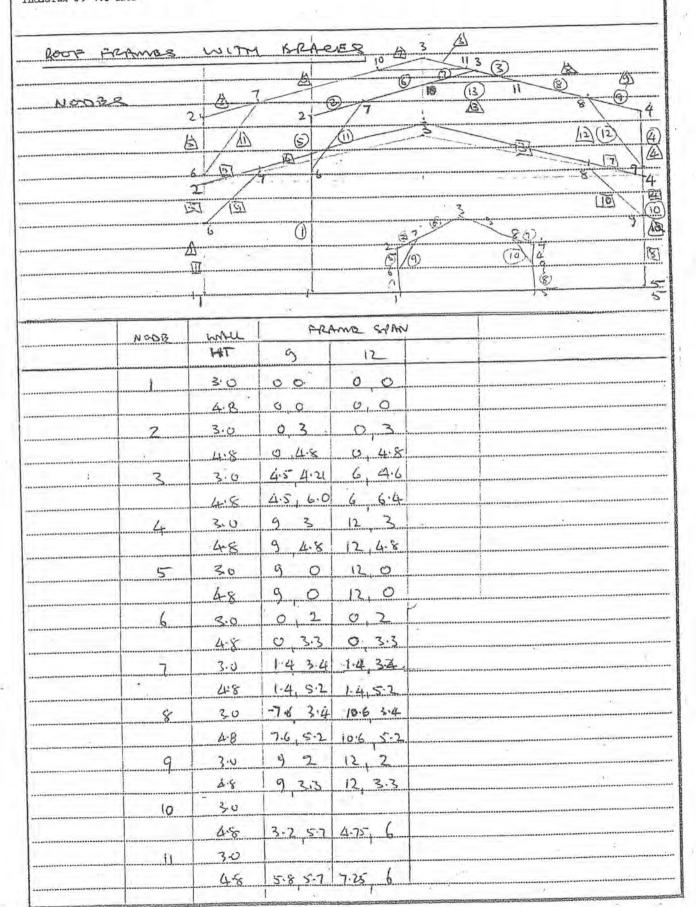
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	· W45	22.00	10.7	C12012	25.5	PydP 44 EF (89 10 than 2 can 2 can		0-90
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	wso	31.9	13.3	BC 22019	4.0.3			0.84

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- CoesAlF AlF	c.96	0-94	100	0-59	089	096							0:41	0.59	0.12
	c.79	ceil	1.031	124	145	1-34	1.72	1.75	211	2:47	1.69	1:91	2:13	2-62	312
24 3194-0559 AF	0.50	0.20	c.66	c.79	090	0.86	c.47	1.08	1.33	1.58	11097	1.23	1.38	1-697	2.01
hi = 354	0.33	0.71	רעה	0.24	¢ 70	057	6-67	077	6.46	115	ひつユ	0.84	0.96	1.20	1-46
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ely 0.96-0559 ME	057	1 : 13	6.72	0.88	1.67	7.63	11-13	0-79	1. 1.2	1-13	c.79	0.90	1.00	1.22	1.45
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T.C. 3	-				-	CHICLE BUILDING	**********		-	1			022	***	
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0.96-W)	c.61	6.71	0.81	1.02	1.22	101	1.18	1-34	1-68	2.02	1.24	1:43	1.01	1.60	CAS
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-Cp q SAJE AJE	0.88	0-88	0-52	0.85	0-58	0.85	0.4	0-12	1 3.85	0.88	0.86	0.58	0.58	7.32	- 4
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ely 0.99-0559 AF	0.36	0'41	0245	0.33	064	0.63	v71	0.74	0.97	1.12	0.79	0.90		1.22	1 - 2
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REGISTERED PROFESSIONAL ENGINEER PO Box 35 422, Browns Bay, Anckland Phone/Fax 0 9 473 1262

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PO Box 35 422, Browns Bay, Antkland

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(0.99 -w) W/W 0.754	1,00	6.7				£=	1	1	And the state of t	1.					3.5
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+1.6 x 0.75 s (0.9a - w) W/w 0.75 g My 0.9 a Cps - Cpys H+ MF	1.00	6.7	1-27		1.54	1.69	1	2.13		3.10	1-79 2-09 1-16		2-38		3.8
1 + 6 × 0 25 5 (0 99 - W) W/W 0 - 7 5 9. - Cpg 5 HF MF	1.00	6.7	1-27		1.54	1.69	1	2.13		3.10	1-79 2-09 1-16		2-38		3.8
+16 x025 s (0.99 - w) W/W 0.759, W/V 0.96 Cps - Cpys HF MF	1.00	6.7	1-27		1.54	1.69	1	2.13		3.10	1-79 2-09 1-16		2-38		3.557, 3.587, 2.144 1.533
+16 x025 s (0.99 - w) W/W 0.759, W/V 0.96 Cps - Cpys HF MF	1.00	6.7	1-27		1.54	1.69	1	2.13		3.10	1-79 2-09 1-16		2-38		3.8

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T.C.Z	-	************	-			timetitered		CEONS PARKETS	-						-
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(1-26 +168)						1									
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Mr oga Cpe															-
-CpgsAJE AJE	0.79		1-03		1.45	1.23		1.75	A	2.47	1-62		2:13	-	3.12
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eh 0.99-0559 HE	0.57	1	6.75		-	0.981		130	1	1-42-1	1.22		1-62	<u> </u>	1.12
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CV-3-12 TOUND	m*	0.8M*	N#	SECTION	\$M	DN	ME TON
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FREDERICK R SMITH desgnr file date page REGISTERED PROFESSIONAL ENGINEER checkr job POBox 35 422, Browns Bay, Auckland 67 Phone/Fax 09 473 1262 T.C. 2 more = END WALL POSTS CENTRE POST 2.7 WALL WIT 2.4 TRUE 550 550 282 245 245 535 POST PAST SPENJ MIGHAI Ca 0.74 MI 0 0.60 Ca 035 C9/072 MT. C9 0.58 0133 MA Mat SEAST he MA SEE SHOP SEST MY 的大 w SEET. TEST 1.65 3.2 1.34 C80 70 CEOBO 0.61 08070 1.07 133 68070 2.9 C8070 0.78 08070 3-5 1.75 2001 1.61 KC 8670 1-30 C8080 3-3 0.95 1.63 C8080 0.74 2 3.0 2.16 2.66 1.76 SC 8070 3.4 1-26 Be Bo70 2-18 828070 5 2-5 3.1 1.00 3.2 свово 2-76 3 2.77 1.61 u -3.40 CIO 3-2 1.27 2.28 3-6 1.98 3.59 40 4.19 3.3 C8080 2.76 4 3.43 CIO BC8070 3.5 1.57 2.54 2 35 1-01 1.31 C8070 1.63 E86801 3.7 1.20 7.06 808070 BC 8070 C8570 C8070 8 3.73 123 5-65 R: 3080 3.6 1.23 1.10 CB080 1.99 RE8070 3-4 C8075 9 22 4.0 3.00 188025 183 1828070 1.75 3.70 CIO 1-41 2.24 K28070 2.5 37 10 3.46 40 4.17 41 2015 39 1.73 828070 2.02 2.25 2.79! 11 4.17 514 11 4.3 2.57 2.43 3.20 828080 4-0 1.98 12 T-C-2 CENTRE DOST 545 535 545 550 550 535 1-65 CISTO 2.61 C8070 1-34 3.5 1.75 2-9 1-07 8C8070 133 BC 80 80 0.78 68075 R28075 2 CISTIU 201 013 1.63 3.0 6.74 68076 1.61 0.95 Bt 80 70 1-30 BC 8075 C15010 2.16 1.26 (15010 2.46 CIO 2-5 3-1 1.00 8C 80 70 RC Be 7d 1.76 : 615010 2.18 C15010 3.40 C12 3 1.61 2.76 CISTOID 3.2 1:27 BC8070 2.23 (15010 2.77 CITUID C12010 6 C15 3.5 1-57 C15012 3.39 615012 4.19 3.3 E15010 2.76 | 615010 3.43 1.98 (15010 8 C15010 2.54 013 2 1-63 2.06 3-5 101 1808070 1.31 iBCB075 C150/0 1.20 BC 8070 3-25 1.23 2.62 C12 9 2.3 3.6 BC 8070 1.60 c15010 1.53 C15010 010010 1-99 C15010 10 2.5 3.7 C15010 C15010 3.00 C15812 3.70 C15 1.41 1.63 1 015010 2.24 1.75 CISOLA 2.74 CISOIL 427 CIST 3.46 11 2.75 2-25 C15010 2.02 £15010 3.4 1.73 C12010 015010 1.48 E15010 2.57 | 015010 4.17 C15015 5-14 C19 12 2-43 C15010 4.0 C15012 3.20

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FREDERICK R SMITH desgnr page file date REGISTERED PROFESSIONAL ENGINEER checkr job POBox 35 422, Browns Bay, Anckland 70 Phone/Fax 09 473 1262 MY = CAN LITZ T.C. 3 WALL POSTS END C +0.7+0.5) =1.0 CENTRE POST 7. 2.4 bottlet it TOUR 550 535 845 550 POST 545 535 POST MIDIN WIST 0.59 0.76 Ca MF 0.29 9 C91. 0159 Con C9 048 MT. CR 0:24 KW SECT MA CENT 附条 SET Store. FRET MX 四点 COST he SEET. w 1.32 C8070 085 1008 C8070 3.2 C\$070 1.08 | 08070 0-88 C8070 0.53 (8070 2.9 3.5 175 1.31 3.3 1-61 079 (8080 1.52 108 5 0.65 3.0 2-14 808070 3.4 RC8070 1.05 1.74 1.44 1.77 608070 5-2 3.1 0.87 5 2-71 - 4 1-33 2.20 2.25 : 4 3.5 1-84 BC80701 3 1-11 3-2 6 3+34 C10 2-71 3.6 2.81 1.54 4 C9080 2.20 5.3 1.18 3.5 7 0.99 C8070 1.54 2.01 528070 3.7 1.47 C8075 1.21 5C8070 5 2.5 0-39 8 5.10 3.55 3-9 1.27 1.79 1608070 2.20 804 3.0 2-3 9 240 2-95 828075 2.52 4.0 1.05 1-24 11 2.05 5-2 3.7 10 3.02 2.78 CIO 41 1.68 C8080 3.27 2-7 2.0 152 3.04 RC 275 C8075 11 3.35 C10. 4.09 4 2.01 4.3 Br. 8070 1-74 354 00 3 82 8070 2-88 4.0 12 T-C.3 CENTER PEST 27 2.4 550 545 535 550 545 SPAN 535 BC8075 BC8070 BC8070 C8070 3.5 18080 C80 70 BC 80 75 CIO C8075 BC8070 tc 80 75 C80 70 4 40 40 BC8070 010 C80 80 CIO 5 010 BC 80 75 CIO CID CIO 6 BC 80 70 C12 CID 010 CIO. 016 BC 8080 C10 010 CIO. BC8070 010 8 C8080 C10 CID BC 8070 CIO CIO 9 BC 8070 CIO CIO CIO C10 BC8070 CIO 10 CIZ CIO C16 C12 010 40 U CIS CIZ CIO 212 CIO 12 C10

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FREDERICK R SMITH page file date desgnr REGISTERED PROFESSIONAL ENGINEER checkr job PO Box 35 422, Browns Bay, Auckland Phone/Fax 0 9 473 1262 MX= COWLY T.C.3 END WALL POSTS QUARTER PARTS 2.7 2.4 WALL HT TRIK SES PEST 535 POST 535 545 220 SPAN. MIGHE GB 59 HT HT Cab. 48 Cq 0:59 Ca 1.29 Cq 0.29 CQ 0.48 MY MA SECT mit SECT mit SECT MX M SEET m ht SEET SELT m 3.5 4 5 6 7 3.50 076 c8090 1-26 C8070 1-524 C8080 1.04 | (8070 1.17 (8070 2 2.94 0-63 65070 8 1.52 EBO75 187 SC8070 3.32 0.42 C8070 1.55 C8075 1-26 : 08070 2.3 3.02 0.76 . 68070 9 1-70 808070 2.09 BC 8070 3:37 C80 70 1.03 1.41 | 08070 1.74 608070 3.07 8.55 (8070 7.5 10 1-45 . 5C8070 2-40 BC8070 1.18 : 08070 3.44 2.00 808070 3-14 0-98 (8070 1.65 C8080 2.75 11 2-71 Bc8070 2-27 668070 3.50 2-21 :608070 1.33 : 88070 1.54 BC8070 1-11 68070 3-20 12 3.5 4 5 6 7 BC8070 CIO C80 75 BC 8070 RC8075 08070 8 010 CIO BC8070 9 CIO Ego 75 BC8079 C10 C16 CIO: BC 8670 CIO C8080 10

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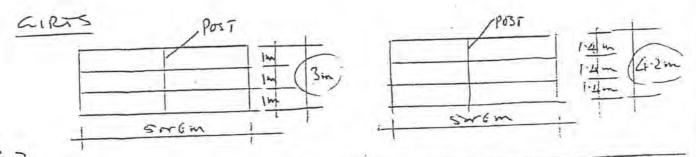
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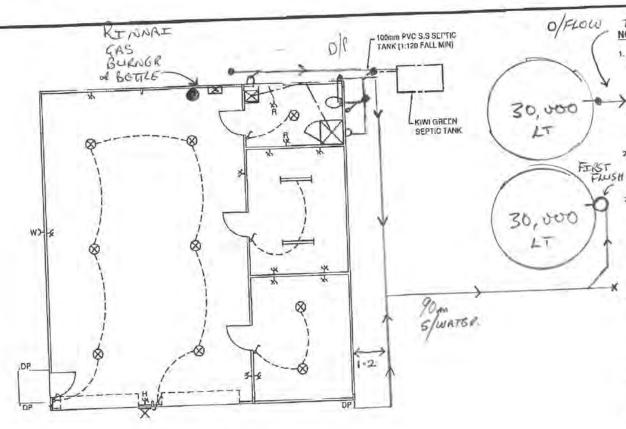
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FR SMIZTY B.E. (Civil), M.I.C.E., M.I.P.E.N.Z., M.A.C.E.N.Z., M.N.Z.I.W., Regd. Eng., - Anckland JF SMITH N.Z.C.E., N.Z.C.A.D., - Christchurch



TO CREAK

ALL ELECTRICAL WORK TO BE CARRIED OUT BY (OR UNDER THE SUPCRISSION UF) A CERTIFIED PRACTITIONER UNDER THE ELECTRICAL REGULATIONS 1949. UPON COMPLETION, TEST ALL WORK AND PROVIDE A CERTIFICATE OF COMPLIANCE FOR THE ENTIRE WORKS. CONTRACTOR TO ALLOW TO SUPPLY, INSTALL, CONNECT AND SERVICE ALL ELECTRICAL FITTINGS AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE OWNER. REFER TO THE ELECTRICAL SERVICES DRAWING AND LECEND FOR GUIDANCE. CONTRACTOR SHALL ALSO ALLOW FOR CONNECTION AT THE MAINS SUPPLY, FARTHING, TRENCHING AND CABLING TO THE DISTRIBUTION BOARD, INSTALLATION OF METER PANEL AND

ALL WATER PIPEWORK TO COMPLY WITH GIZ/AS1, MAKE CONNECTION, TRENCH, LAY AND BACKFILL FOR NEW 20mm POLYETHY! FNE COLD WATER MAIN, INSTALL ISOLATION VALVE AND BRANCH OFF TO EXTERIOR TAPS AND VARIOUS SANITARY/APPLIANCES WITH 12/mm POLYBUTYLENE PIPEWORK.

ALL SANITARY SEWER WORK TO COMPLY WITH G13/AS1 & AS2, LAY IN TRENCH TO FALL ON APPROVED BEDDING. 100mm NOMINAL BORE UPVC SEWER PIPES WITH A MINIMUM DISTANCE TO INVERT LEVEL OF 600mm BELOW GROUND LEVEL INSTALL INSPECTION BENDS AT ALL CHANGES OF DIRECTION AND CLEANING EYES AT BRANCH TERMINATIONS. POSITION OVERFLOW RELIEF GULLY AS INDICATED ON THE DRAWINGS. INSTALL THE APPROPRIATE TRAPS ON ALL SANITARY FITTINGS TO MATCH THE DIAMETER OF THE DISCHARGE PIPES AND CONNECT RELOW GRATE LEVEL ON THE OVERFLOW HELIEF GULLY. INSTALL TERMINAL VENT TO DRAINAGE SYSTEM IN THE POSITION INDICATED. PIPE TO SEPTIC TANK AS INDICATED.

ALL STORMWATER WORK TO COMPLY WITH FIVAST, INSTALL 65min OR 80min DIAMETER COLOURSTEEL DOWNPIPES, AS INDIGATED, FROM GUTTERS. SECURELY FIX TO STRUCTURE WITH PROPRIETARY BRACKETS AT 1200mm CENTRES VERTICAL (MAX). CONNECT DOWN PIPES, LAY 100mm NOMINAL BORE UPVC STORM WATER PIPES IN 1:125 GRADED TRENCHES ON APPROVED BEDDING AND CONNECT EACH DOWNPIPE AT BASE WITH A 55° ONE PIECE BEND AND NFOPRENE COLLAR. TERMINATE PIPEWORK AT SOAKPIT AS SHOWN ON THE DRAINAGE PLAN.

ENSURE ALL DRAINAGE WORK IS PROPERLY TESTED AND INSPECTED PRIOR TO BACKFILLING AND COMPACTION OF TRENCHES.

WASTE PIPES FROM SHOWER AND TUB TO BE 40mm/0 UPVC, WASTE PIPE FROM WC TO BE 100mm/0 UPVC WITH MINIMUM GRADIENTS AS FOLLOWS:

1:40 1:60 1002

ELECTRICAL LEGEND

- O CEILING MOUNTED LIGHT FITTING
- FLUORESCENT LIGHT FITTING
- WEATHFRPROOF WALL MOUNTED SENSOR SPOTLIGHT
- & LIGHT SWITCH
- TWO WAY LIGHT SWITCH
- DOUBLE SOCKET GUTLET 1.3m A.F.L. UNLESS NOTED OTHERWISE R - FED FROM RCD PROTECTED CIRCUIT H - MOUNTED AT 2.8m A.F.L.
- WEATHERPROOF SINGLE SUCKET OUTLET

STEEL SHEDS & BUILDINGS

Drawings Prepared By:

SERVICES PLAN

TOTALSPAN WELLINGTON

Ph: (04) 297 0033 LINDALE TOURIST COMPLEX Fax: (04) 297 0031 PO BOX 376

Mobile: (027) 252 6232 PARAPARAUMU e-mail: wellington@totalspan.co.nz

Proposed Building For:

PEACH 14 TRUST P.O. BOX 7072 WELLINGTON SOUTH Site Address:

LOT 18 TE HORO COUNTRY ESTATE

11.750m SPAN S50 (VERY HIGH) BASIC WIND SPEED V = 50m/s T.C.2

Date Drawn: 14-Oct-08 Order #: 806362

Close

Print

REU 55FT (Muliti-Point) - Specification



click to enlarge

The REU 55FT is a multipoint, wall mounted water heating system suited for smaller applications. It is compact, easy to install and has an automatic electronic ignition system and temperature selector. For use as a multipoint a flue must be installed.

SPECIFICATION SUMMARY

- · Colour: white
- · Dimensions: H-370mm, W-290mm, D-132mm
- Hot Water Capacity: 2.5 5 litres/min at 25°C rise (300 litres/hr)
- Rating: 21 MJ/h (min) and 40 MJ/h (max)
- Minimum Operating Water Pressure: 34.3 kPa
- Thermal Efficiency: 79%

Accessories battery, screws, hose-end fitting, packing

Burner Bunsen

Connections

gas R V_2 15A water inlet R V_2 15A

hot water outlet R 1/2 15A

Gas Type LPG

Ignition System Continuous charge direct ignition

Noise Level 46 dB(A)

Temperature can be adjusted by turning the temperature selector to a suitable position

Control between 'Hi' and 'Lo'

Safety Devices • flame failure safety device

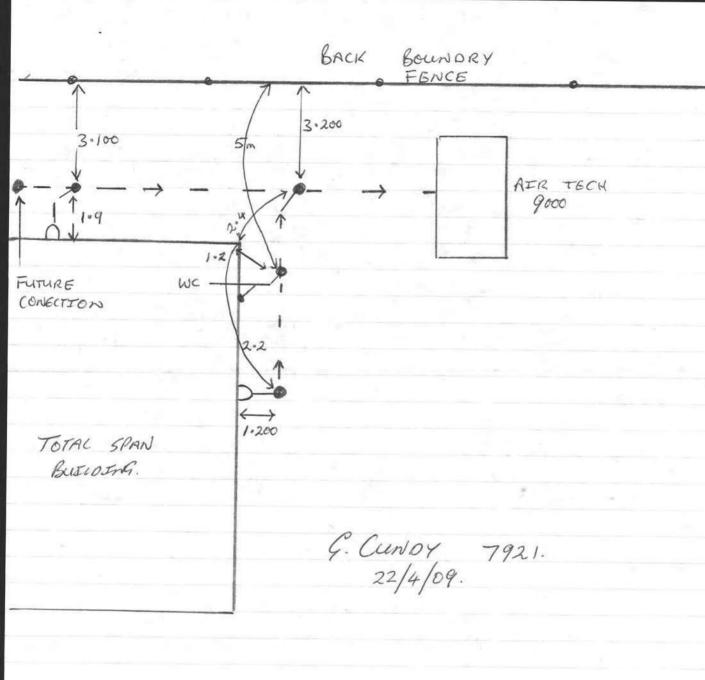
· incomplete combustion prevention safety device

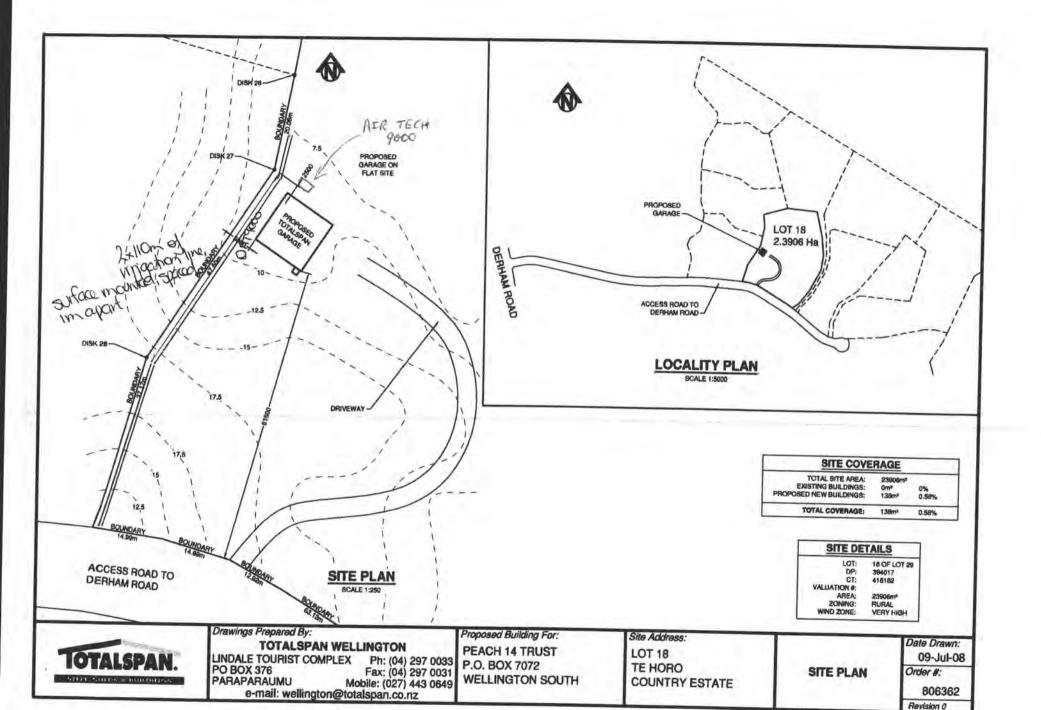
· extra safety timer device

Water Flow Maximum flow rate 5.5 litres/min

Weight 6.2kg

& Rinnal New Zealand Ltd





21 October 2008

Totalspan Wellinton/Horowhenua PO Box 376 Lindale Tourist Complex Paraparaumu 5032

Building Consent: 080625A

Dear Sir/Madam

Request for further information

Description:

New Drainage showing septic tank

Location:

132 Derham Rd, Te Horo

Legal Description: Lot 18 Te Horo Country Estate

Unfortunately, we are unable to process your Building Consent until we receive the information detailed below.

Information Needed:

Please provide a full sewage treatment system including the effluent layout on a site plan show design calculations.

Show method and location of heating water.

Provide details for storage of potable water.

You will be invoiced for the additional inspections that will need to be carried out.

We have suspended your application and will not proceed any further until the above information is received. Please send it to us by 4th October 2008. If we do not receive it by this date, we may not be able to issue your Building Consent.

Please contact me if you would like to discuss this matter.

Yours sincerely

Simon Copp

Building Control Officer



22 May 2009

John O'Hagan ISP P O Box 537 Paraparaumu 5254

Dear John

The concrete floor for Glenn and Stephanie Peach – Lot 18 Te Horo Country Estate has been constructed as per the Engineers specific design of the foundations for the Totalspan shed.

Yours faithfully

Glen Silverwood

Email wellington@totalspan.co.nz - Website www.totalspan.co.nz

PILE LOG

PILING & DRILLING SERVICES LTD

P.O. Box 238, Paraparaumu Ph/Fax 04 298 1133

Client Name:

TOTAL SPAN

Job Address:

LOTIE TE HORD

Builder:

TOTAL COLY

Engineer:

180

Operators:

DACK LEDGE

Notes:

REEIVED
15 OCT 2008

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CHECKSHEET (Effective from 31 March 2005)

Address

Single Residential Dwelling and Accessory Building
Use for single stand-alone dwellings, dwelling additions and/or alterations, repiles, garages, decks, gazebos, sheds, retaining walls, etc.

> This checksheet shows you the information that has to be supplied with your building consent application. Please attach 2 copies of the following information (unless otherwise specified) with your

> Please tick each relevant box in the Customer Use column as you attach the information. If the box is not relevant to your application, write NA across the box. Please check each section carefully and

A guidance document is available to help compete the section in the application form on 'means of

18, TE HORO COUNTRY ESTATE, TE HORO

For use with applications for building consent

completed Building Consent Application form.

compliance' for each building code clause

complete those sections that are relevant to your project.

		Once you have attached all the required information, please check for completeness as an incomplete application or lack of any supporting information will mean that your application cannot be accepted for processing.	
	Customer	1. GENERAL	For office usin
		COMPLETE FOR ALL APPLICATIONS	/
		a Building Consent Application Form (1 copy) Completed and signed by the owner or by an agent on behalf of the owner.	
+	Ø	b Proof of ownership (1 copy) One recent copy of <u>current</u> certificate/s of title (i.e. not older than 3 months) or one copy of purchase agreement (if recently purchased) or one copy of relevant portions of current lease	*
	9	c Locality plan (1:500) showing: 1:5000 \$ 1:250 Physical location of the subject building in relation to streets or landmarks, north point, name of building and lot and DP number	
	9	d Inspections and monitoring Details of proposed inspection regime including monitoring by council officers and other professionals eg architects, engineers, surveyors and certification to be supplied on completion.	
		e Application fee	
		Applications will not be accepted without payment of the appropriate fees. Fees payable are set out in the published fee schedule of the council that has jurisdiction over the project site.	

		2. DEMOLITION / REMOVAL	
		COMPLETE FOR ALL PROJECTS INVOLVING DEMOLITION OF SIGNIFICANT PARTS OF BUILDINGS OR THE DEMOLITION OR REMOVAL OF WHOLE BUILDINGS.	
N	1	Note: Where the project is <u>only</u> for the complete removal or demolition of a building you are not required to complete any further sections	Ye.
/		a Means of barricading the site Provide details of temporary barriers, gates which swing inwards or other means of restricting public access to the area	1
		b Proposed tipping location for demolition materials (address/landfill)	甲
		C Hazardous building materials Provide safety plan detailing the safe handling and disposal of hazardous materials	
		d Site management plan covering management to control silt run off, noise and dust	7
		e Proposed destination for relocated building:	甲
	H	f Access to and from the site including (use of kerb and crossings)	
		g Specify termination of existing services · Water · Sewer · Stormwater	I
		h Details about the building such as: Number of storeys, type of materials the building is constructed of (note: Photographs of the building would be useful)	中
		Note: You will need to contact the relevant service authorities specified below to advise them of the extent of your work: Electricity, gas, drainage, water, transport, telecommunications, cable television or any other services that may be affected.	
		Note: Transportation of relocated building -	
		You will be required to contact and provide details to Council's Transportation and Traffic Department	
		3. FOUNDATIONS / FLOOR	
		COMPLETE FOR ALL NEW BUILDINGS, FOR EXISTING BUILDINGS WHERE THE FOOTPRINT OF THE BUILDING WILL CHANGE OR WHERE AN ADDITIONAL STOREY IS BEING ADDED	
		Dimensions of all boundaries, north point, finished floor levels, ground contours (extended to boundaries) and/or levels, site area, street name and number, lot and DP number, outline of building and distances to boundaries. Include on the site plan the designated wind zone of the site (e.g. specific design, very high, high, medium or low)	
	교	b Foundation plan (1:100/1:50) showing: - dimensions of all new foundations - sub-floor, including bracing - footing details	
		if a concrete slab, show basic details including reinforcing and contractions joints piles and footings if the addition is an upper storey show details on upgrading existing foundations, joints, piles, etc.	
		indicate ventilation to sub floor spaces	DO
14	A	C Subfloor bracing Provide subfloor bracing plan and calculations for all piled structures. Where the structure is specifically engineered, this should be included with the structural calculations Subfloor bracing plan and calculations are required where an additional storey is to be added.	
	L	d Foundation details Details including reinforcing and connections	U

4. CONSTRUCTION COMPLETE FOR ALL NEW STRUCTURES OR ALTERATIONS TO EXISTING **STRUCTURES** a Existing floor plan (1:100/1:50) showing (for additions and alterations only) · all levels · all designated spaces · all removals sanitary fixtures smoke detectors a Proposed floor plans (1:100/1:50) showing: room dimensions · location of partitions · all designated spaces · all floors (new or altered) · location of sanitary fixtures · stairs, barriers, handrails, floor joists and beams · floor joist layout for each level with timber floors · smoke detectors b Wall bracing plan (1:100/1:50) showing: Bracing details and calculations for wall bracing (also required for existing lower storeys where an additional storey is being added) Sub-floor bracing for decks projecting more than 2m from the house Location, type and number of bracing elements to indicate compliance with NZS 3604:1900 (include If the bracing was specifically designed by a structural engineer, provide calculations (required for specific design wind zones and lateral distribution of upper floor loads where lower storey bracing is provided in walls beyond the upper storey footprint) 1 c Sections and details (1:50/1:20/1:10) showing: + stairs, handrails, decks and decking insulation systems and materials to floors, walls and roof barriers providing safety from falling. Specific engineering design required where detail does not comply with NZBC B1/AS2 · framing sizes, beams, lintels, trusses including fixing and other structural items. Lintels carrying point loads, such as from girder trusses, require specific engineering design · roof cladding, eaves, fascias, gutters, flashings to openings + fire rated systems on all walls - closer than 1 metre to boundary stud heights of rooms and total height from lowest ground floor level to top of ridge truss layout supported by design certificate and design of fixing details and load path to ground · retaining wall details e.g. type, height of retained ground, relationship to boundary, waterproof membrane and proposed drainage. · truss design details 凶 d Fire report: For domestic dwellings of 4 storeys or more, or buildings providing more than one household unit. 5. STRUCTURAL COMPLETE FOR ALL PROJECTS INCORPORATING SPECIFIC STRUCTURAL * TO BE SUBMITTED a Structural calculations CD AUALLABLE If any design work required the services of a structural engineer, attach 2 copies of the calculations with this application along with structural drawings The calculations must be prefaced with information explaining the design philosophy and justification of assumptions and methodologies used in analysis b Producer statements:

If this application for consent relies on any producer statements certifying compliance with the New Zealand Building Code, a copy must be attached with this application. (Note all structural producer

statements are required to have accompanying calculations)

6. EXTERNAL COMPLETE FOR NEW BUILDINGS OR EXISTING BUILDINGS WITH ALTERATIONS TO THE EXTERNAL SHELL a Elevations (1:100/1:50) showing: Accurate lines from boundary to boundary on each elevation, relevant District Plan daylight control lines, the maximum height on each elevation, location of door and window openings, fixed and opening sashes, sill heights, floor levels in relation to ground levels, exterior cladding nominated to all elevations, down pipes and spouting, ventilators to sub-floor area (suspended floors only) b Risk assessment (Risk matrix in E2/AS1 may be used) Consider exposure, design and detailing to support appropriate selection of cladding c Cladding details (1:50/1:20/1:10) Provide details around all penetrations, joinery and other junctions at a level appropriate to the level of risk e.g. roof/wall, balcony/ wall, junction of different types of cladding, backflashing details for cavity systems d Product certification Supply copies of product certificates relied on as compliance documents e Alternative solutions If the proposal uses products or systems that are not covered in the Acceptable Solutions of clause E2 of the building code provide supporting current information including independent test results (full signed reports), case studies, expert opinion (including evidence of experience/qualification, basis for forming opinion, and statement of independence) etc to demonstrate compliance 7. SERVICES COMPLETE FOR ALL PROJECTS WITH NEW INSTALLATION OR ALTERATION OF PLUMBING OR DRAINAGE SERVICES 11200 a Plumbing and Drainage plan (1:100) showing: Note: If you have supplied drainage details for surface water disposal on the site plan, no drainage plan is required fixtures and fittings, hotwater system(s) · if the building is more than one storey with sanitary fittings on upper floors, provide an isometric layout showing wastes, pipes and falls drainage layout with inspection bends and junctions indicated for both sewer and stormwater any other drainage on site including council mains and retaining wall field drains · ventilation of sanitary rooms · calculations for sizing of downpipes 8. CHANGE OF USE COMPLETE FOR ALL EXISTING BUILDINGS WHERE THE PROPOSAL INVOLVES FORMING A HOUSEHOLD UNIT WHERE ONE DID NOT EXIST BEFORE Example: the conversion of a garage or shed into a residential unit Assessment of the building for compliance with the building code Section 115(a) of the Building Act 2004 requires that the work comply fully with all clauses of the building code.

The above assessment must relate to all building code clauses. If the proposal is for the project to meet anything less than full compliance with any clauses, your application must clearly state your reasoning, with supporting documentation, and show how you will meet the highest level of compliance

b Reasonably practicable

that can be considered reasonably practicable.

9. SPECIFICATIONS COMPLETE FOR ALL APPLICATIONS Note: The specification must be specific to the project and cover all aspects of the proposed a Specification: General · elements of structure (size, spacing, timber treatment) · finish of fixings to meet durability requirements plumbing and drainage materials and design that installation is to comply with · wet area surfaces ventilation systems · flooring slip resistance for access routes glazing • type of smoke detectors (including existing smoke detectors where they will remain) b External claddings For each of the following claddings provide details of the product name, manufacturer, maintenance requirements and warranties offered · Building wraps

NOTES

. Wall claddings Roof claddings

* Tanking · Joinery

· Membranes (roofs and decks)

The issue of a building consent does not relieve the owner of any duty or responsibility under any other act

Please check with your local territorial authority regarding the requirement for other approvals required and fees payable. These may include:

Consents under the Resource Management Act

Approvals under bylaws including earthworks, vehicle crossings and road openings

Form 436

BC. 1080 625

PROCESSING CHECKLIST

No = Plans , specifications & documentation not complying with the Building Code (specified alongside each prompt)

Yes = Plans , specifications & documentation complying with the Building Code, (specified alongside each prompt)

Category...

Plan (NZS 3604 Sec 3.4, 4,5 Code clB1, F1&F2) A NO YES Wind zone (High VI High Specific NZS How Hazards	@ DIANS TO VERY HIGH
Distances to boundaries/siting District Floor levels/ contoursE2/AS1 & NZS 36 Two or More AllotmentsSec 75 – 83	PER INSPECTION NETCS plan 504 E1

Note :- all critical engineering to be accompanied l	1001
SI Provided.	All Engineering Calls
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☐ ☐ Location of sanitary fixtures ☐ ☐ ☐ Lintels NZS 3604:B2		
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Changes to existing work requires both an existing floor plan & a proposed floor plans		
Citchen C3/4S1		
Hot & cold supplyG12		1
□ □ Food preparation surfaceG3/AS1		
h 🖂 Waste water,G13.		
□ □ Cooking areaG3		
□ □ Space for refrigeratorG3 □ □ □ Energy sourceG11& G9		
in authoric G3		
Facility provided for washing utensils / food G3, Section 1.1 & Figure 1: Preparation Area and Access to Facility Paragraphs 1.1.2 and 1.5		
Wet areas / WCs NZS 3602: 2003 sec. 10.3.1;D1, Table 2.		
□ □ Non-slip flooringD1 table2 □ □ □ Waterproofing membraneB2 & E2		
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Laundry G2/AS1, cl 1.01&.2; E3/AS1 cl 3.1.		
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Ridge beamsBI B2 Ceilling joistsBI B2			
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light & Ventilation G4, Clause 1.2; G4, clause 1.3 G		Comments	
Glazing Glazing	11		
Insulation BRANZ Home Insulation Guide, NZS 4218, AS	S/NZS 2918	Comments	
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ter Supplies		Comments	
Town supply, Town supply, Type & location Size	NA		
V Darbara		Comments	
anitary Drainage Layout Council availability or Septic tank design & calcs	NA		
Sanitary Plumbing		Comments	
	Alu	*	
Sign below if all the plans, specifications &		the associate code clause along	side each prompt
documentation comply with the Building Code.	above for	r compliance	
Signature, name & date	1 205	alog di	
Signature, name & date P+D decked 0.1C Simon	(cop) 25	1 100 X	
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te / Time	Dialogue Record List Further Information Requested – Record / Reference Communication:	Summary of dialogue. (Reference to documents sent/received)	
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Addenda to Form 436

Allocation of work to approvals officer outside current competency

Building Consent No.					
Building Category	Circle appropriate category	0	1	2	3

Authorized by Team leader or delegate	Level of supervision reqd	Reason for decision
Name, Signature &date	Coaching Mentoring Peer review on completion	
Approval Officer undertaking training	Record of Learning	Decision
Name, Signature & date 28/7/08 Current competency level Category 0,1or 2		Approved
3) Coach/Mentor/Peer reviewer	Training needs identified	Comments
Name, Signature & date Current competency level Category 1,2 or 3	Neuer regured.	Three Saled

Allocation notes

- Categories of building are determined on receipt of application
- · All applications are placed in processing shelves according to category
- Approvals staff are aware of their own competency level and have access to staff competency matrix
- Approval staff will select work from category range for which they are deemed competent
- Approvals staff may select, for training purpose, a consent 1 (one) category higher than their current
 competency for the purpose of increasing their skill level provided they gain approval from the
 Team Leader Building Consent Approvals. Once approval is given the Team Leader Building
 Consent Approvals will arrange for the appropriate supervision and final peer review.

Processing Check Sheet for Project Information Memorandum (PIM)

Property Addres		32	2 Derham 7	2000 T	e Horo
Legal Descriptio		: 18		220	100,
Building Project		Ve	w Gamae		
Building Consen	t/PIM	Num		0625P	
Zone:	Pun	2/.		-	
Items to check	Yes	No	Action reqd	Actioned	Date & Signature
Certificate of Title	1		Received 28.8.08		
Easements	1	1	Drainge &	Pialda	
Section 221	1/		Include copy of S221	100 P	24.7.08
Section 72		/	Advise Approvals Team of S72 reqd	- 12	24.1.08
Existing Resource	1		Include copy 0403	93	
Consent			080012		
District Plan features		/			
Designations	1		Coastal Done	Police A	ea.
Heritage register		-			
Flood hazards			Grean Overf	OW POLL	
Min floor level			Advise F.F.level	1 (41)	
reqd	*		Refer to Gre	aler Well	ington Pegion
Other hazards		~		2 300000	
EQ faults		/		phororo	
Services		/		,	
ECO sites		/			
Yards		1	Neighbours approval for one yard encroachment		
HIRB		7			
Maximum height		-			
Site coverage		-	TO STATE OF THE PARTY OF THE PA		
Earthworks		-	PROPERTY AND ADDRESS.		
Permeable		-			
surface area		-	AND STREET		
Onsite parking	ME SE	V			
DIF fees		-	Calculate fees		
Recourse Consent regd		1	Apply Section 37		

Decision: (delete items that don't apply) Application complies and PIM can be issued. IM can be issued subject to section 37 Certification is refused.		Requested CT 24.7.98	28.8.98
	1	I her	

RECEIVED

22 JUL 2008

KAPITI COAST
DISTRICT COUNCIL



Project Information Memorandum No. 080.625P

Building Project. Non-Habitable Gavage

Lot 18

Te Horo Lanty Estate

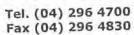
Te Horo

FOR OFFICE USE ONLY

-	FEES		PIM Fee	\$
		\$		
-		\$	RECEIPT NO.	DATE
		\$		
		\$	INVOICE NO	DATE
		\$		
		\$	RECEIPT NO	DATE
	SUBTOTAL	\$		
	Less Deposit Paid	\$		
	TOTAL	\$		
	GST INCLUDED	\$		

Kapiti Coast District Council

Private Bag 601 Paraparaumu 5254





E; kapiti.council@kapiticoast.govt.nz W: www.kapiticoast.govt.nz



Project Information Memorandum

Section 34, Building Act 2004

Application

Total Span Wellington/Horowhenua

PO Box 376

Lindale Tourist Complex

Paraparaumu 5032

No.

Issue date

Application date

080625P

28/08/08 22/07/08

Project

Domestic only - garages Description

Being Stage 1 of an intended 1 Stages

Non-habitable Garage

Intended Life

Specified as 50 years

Intended Use

Rural, Residential

Estimated Value

\$65,000

Location

132 Derham

Legal Description

Valuation No.

Rd, Te Yoro Lot 18 Te Yoro

This project information memorandum is confirmation that the proposed building work may be undertaken, subject to the provisions of the Building Act 2004, and any requirements of the building consent.

This project information memorandum includes:

- _ Information identifying special features of the land concerned
- Details of relevant utility systems
- Details of authorisations which have been granted

Signed for and on behalf of the Council:

Name:

Date:



PROJECT INFORMATION MEMORANDUM - BC 080625P

Application Details

Applicant Name:

Contact Address:

Location:

Legal Description:

Proposal:

Application Details

Use Permitted : Permitted activity

Resource consent granted: RMs 040393,070283,080012 (previous consents)

Designations on property: Coastal Dune Policy Area

Easements : Drainage Rights

Site subject to inundation : Stream Overflow Path

Relocatable zone : N/A

Coastal building line restriction: N/A

Minimum floor level (50 year event): Refer to Greater Wellington Regional Council

Floor level (100 year event): Refer to Greater Wellington Regional Council

Yard and height requirements : Comply

Tree/building preservation : None listed

Comments

Consent notices, covenants, and like listings registered on the title are the responsibility of the applicant. Search this property title for any impediments to this proposal. All work shall be carried out in accordance with Resource Consent RM040393 and Section 221 Consent Notices.

Note: Minimum floor levels must use Mean Sea Level Wellington Datum 1953. Certification that the floor level complies with the minimum floor level will be required from a registered surveyor prior to foundation inspection.

Special Features of the Land

Potential erosion:

Potential avulsion:

Not known to be
Not known to be
Not known to be
Potential subsidence:

Not known to be
Not known to be
Potential alluvion:

Not known to be

Potential inundation : Stream Overflow Path

Presence of hazardous contaminants: Not known to be

Other features

For the purposes of subdivision and development this property is located within the Coastal Dune Policy Area of the Operative KCDC District Plan 1999.

Plumbing and Drainage Details

Sewer available / connected : Not available Water available / connected : Not available Site plan of existing services : Not supplied

Location of sewer lateral : none
Location and size of water toby : none
Location of public drains (if any) : N/A

Location of easments (if any): unknown ensure that the building is clear of any

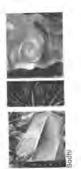
Stormwater disposal to : Soak pit

Plumbing and drainage notes

Kapiti Coast District Council Private Bag 601 Paraparaumu 5254

> Tel. (04) 296 4700 Fax (04) 296 4830

E: kapiti.council@kapiticoast.govt.nz W: www.kapiticoast.govt.nz



15 January 2008

Pritchard Group Ltd 20 Addington Road RD1 OTAKI

Attn: Brian Warburton



Dear Brian

RM070283: SECTION 127 CHANGE CONDITIONS 1, 2 AND 24 OF RM040393 AT STATE HIGHWAY 1, TE HORO

We are pleased to enclose the decision for the above planning application.

If you do not agree with the decision you may object and have the matter considered by Hearing Commissioners. This is done by lodging an objection in accordance with Section 357 of the Resource Management Act 1991. Please note that, if you do wish to object, you must advise the Resource Consents Manager within 15 working days from the date of receiving this consent.

There is no deposit for an objection. However, a fee of \$180.00 (including GST) is required if Council's Subdivisional Engineer is involved. Time and costs will also be charged unless waived by the Hearing Commissioners and if an objection is upheld there will be no charges; if upheld in part then a proportion of costs will be charged.

If you have any concerns or enquiries please contact me on (04) 296 4819.

Thank you for dealing with the Kapiti Coast District Council.

Yours sincerely

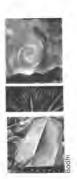
Dean Raymond
Resource Consents Planner



Kapiti Coast District Council Private Bag 601 Paraparaumu 5254

> Tel. (04) 296 4700 Fax (04) 296 4830

E: kapiti.council@kapiticoast.govt.nz W: www.kapiticoast.govt.nz



CHANGE OF CONDITIONS UNDER S.127 OF THE RESOURCE MANAGEMENT ACT 1991 CONSENT NO: RM070283

APPLICANT:

Pritchard Group Ltd

LOCATION OF ACTIVITY:

Derham Road, Te Horo

DESCRIPTION OF ACTIVITY: Change to Conditions 1, 2, and 24 of RM040393

DECISION: Granted on 14 January 2008.

Officers acting under Delegated Authority from Council and pursuant to Section 127 of the Resource Management Act 1991 granted consent to change conditions 1, 2 and 24 of RM040393 Faith Farm Estate Ltd) for subdivision at Derham Road, Te Horo at 132 State Highway 1, Te Horo (Lot 29 DP 365855) as follows:

Note: Changes to conditions are shown underlined.

Condition 1

The title plan or e-survey data set must conform generally to the subdivision consent proposal shown on Pritchard Group Limited drawing number SC.5.FH.1, dated 25/01/05 and submitted with the application no. RM040393, except for the second stage of the subdivision in which case the title plan or e-survey data set must generally conform to the subdivision consent proposal shown on Pritchard Group Ltd plan no. SC.5.FH.1 (rev C) dated 11/12/07 in which case the second stage may be sub-staged as shown on Pritchard Group Ltd plan nos SC.5.FH.1 (rev C) Stage 2A and SC.5.FH.1 (rev C) Stage 2B, and SC.5.FH.1 (rev C) Stage 2C all dated 11/12/07.

Condition 2

The earthworks and roading must generally conform with the proposal shown on Pritchard Group Limited Earthworks plan, drawing number FH-EW-01-A3, dated 9/04/05 and submitted with the application no. RM040393, except for earthworks for the house site in Lot 22 in which case the earthworks must generally conform with the proposal shown on Pritchard Group Ltd plan no. FH-EW-01-A3 (rev A), dated 03/09/07

Condition 24

Rights-of-way (where those correspond to right-of-way easements shown in a



memorandum of easements on the survey plan) shall, as a minimum, be formed and metalled, except for the rights of way within Area A on Pritchard Group Ltd plan no. SC.5.FH.1 (rev C) stage 2A, and within Area B on Pritchard Group Ltd plan nos. SC.5.FH.1 (rev C) stage 2B and SC.5.FH.1 (rev C) Stage 2C. The entrance at the road berm shall be formed, metalled and sealed in accordance with a design included with the engineering drawings to be submitted to Council for the Subdivision Engineer's approval.

Reasons for Decision:

In accordance with Sections 104 and 104B of the Resource Management Act 1991 the actual and potential effects associated with the proposed activity have been assessed and are outlined in the report. It is considered that the adverse effects of the proposed activity on the environment will be minor and that the proposed activity is not contrary to the relevant Objectives, Policies and Assessment Criteria of the Kapiti Coast District Plan.

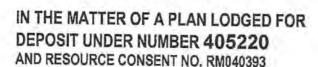
Dean Raymond
Resource Consents Planner

Kapiti Coast District Council Private Bag 601 Paraparaumu 5254

> Tel. (04) 296 4700 Fax (04) 296 4830

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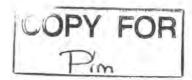


THE RESOURCE MANAGEMENT ACT 1991

CONSENT NOTICE

PURSUANT TO SECTION 221 OF

(BEING THE SUBDIVISION OF LOT 29 DP 394017). AT DERHAM ROAD, TE HORO FOR PRITCHARD GROUP LTD



The Regional Regulatory Titles Officer at Wellington

PURSUANT to Section 221 of the Resource Management Act 1991 the Kapiti Coast District Council hereby gives notice that it has consented to the subdivision and in respect to Lots 13 to 22 and Lot 24 the following conditions are to be complied with on a continuing basis:

- With respect to Lots 13 to 22 and Lot 24: The following works shall take 1. into account the findings and recommendations within the Report prepared by Hamish Wells in relation to Faith Country Estate, Lots 13-24, submitted to Council in relation to application Number RM040393:
 - Foundation design and construction for any new building or (a) additions and alterations to a building;
 - The installation and ongoing maintenance of any on-site (b) wastewater treatment and disposal system, which shall be managed in a manner that ensures that any adverse effects on the environment are minor;
 - The provision, maintenance and monitoring of any water supply (c) system that provides a minimum storage capacity of 30,000 litres. It is the ongoing responsibility of the owner to maintain and monitor the water supply so that any adverse effects on the environment are minor.

A copy of the report is available in Council's Office at any time the office is open to the public.

- 2. With respect to Lots 13 to 22 and Lot 24: Any habitable buildings constructed on this lot shall have their floor level no lower than the flood level arising from the 1 in 100 year flood event current at the time of building, as advised by Greater Wellington Regional Council.
- With respect to Lots 13, 14 15 and 24: No part of any building or structure shall be located, or earthworks undertaken (except that work necessary to establish and maintain vegetation), within the following areas of the dominant dune landform identified on DP 405220:
 - (a) That part of Lot 15 shown as area "H" (above 27.5 metres above mean sea level);
 - (b) Those parts of Lot 14 shown as areas "I" and "J" (above 32.5 metres above mean sea level);

... delivering on the community's plan

KAPITI COAST Mehuri whakamuri, ka titiro whakamua DISTRICT COUNCIL

- (c) That part of Lot 13 shown as area "K" (above 32.5 metres above mean sea level).
- (d) That part of Lot 24 shown as area "M" (above 32.5 metres above mean sea level).
- With respect to Lot 24 and in particular that part of Lot 24 shown as area
 "L" on DP 405220:
 - (a) It shall be the ongoing responsibility of the owners of Lot 24 to maintain a 7 wire post and batten fence to a standard to prevent stock from entering the wetland area shown as "L" on DP 404220 at all times;
 - (b) It shall be the ongoing responsibility of the owners of Lot 24 to control environmental weeds which are referred to in the Regional Pest Management Strategy within the wetland area;
 - (c) Within the area shown as "L" on DP 405220 (the wetland area) the following activities shall be prohibited:
 - · all buildings and structures:
 - all stock:
 - · vehicles;
 - fire or any device or activity which could result in a fire;
 - earthworks (except for earthworks necessary to construct and maintain the fence referred to in Condition 4(a) above;
 - the damage, removal, destruction, felling of any indigenous vegetation unless the species involved are identified by the Department of Conservation, the QEII National Trust, or Greater Wellington Regional Council as being an ecological threat to the site, and its removal is recommended by one of these authorities as a necessary part of the successful ongoing management of the site.
- 5. With respect to Lots 16, 17, 20 and 22: It shall be the ongoing responsibility of the owners of these lots to maintain the planting in accordance with the approved planting plan labelled 'Mission Estate Landscape Plan to meet the requirements of Condition 52' submitted to Council in relation to application Number RM040393. A copy of the report is available in Council's Office at any time the office is open to the public.

Issued in respect of application No. RM040393 on this 18th day of June 2008.

Dean Philip Raymond AUTHORISED OFFICER

David Wayne Gair AUTHORISED OFFICER

Processing Check Sheet for Project Information Memorandum (PIM)

Property Addres		132	Derham Ro	t, Te Ho	70
Legal Description	n: Lot	: /	B DP:	/	
Building Project	-	me	endment: New ber: BC 08062	u draina	ge Showing
Building Consen	t/PIM	Num	ber: BC 08062	5A 9	Septic Fork
Zone: R	una	_		π.	7
Items to check	Yes	No	1 4 4		I 5
Certificate of	ies	140	Action reqd	Actioned	Date & Signature
Title	3				
Easements					
Section 221			Include copy of S221		
Section 72			Advise Approvals Team of S72 reqd		
Existing Resource Consent			Include copy		
District Plan features					
Designations					
Heritage register					
Flood hazards					
Min floor level reqd			Advise F.F.level		
Other hazards					
EQ faults					
Services					
ECO sites					
Yards			Neighbours approval for one yard encroachment		
HIRB					
Maximum height		BOX			
Site coverage					
Earthworks			770 0-17		
Permeable surface area					
Onsite parking					
DIF fees			Calculate fees		
Recourse Consent reqd			Apply Section 37		

Decision: (delete items that don't apply)
Application complies and PIM can be issued.
PIM can be issued subject to section 37 Certificate
PIM is refused

* NII Planning issues indicated with amended plans' submitted # X Lee 21.10.08.



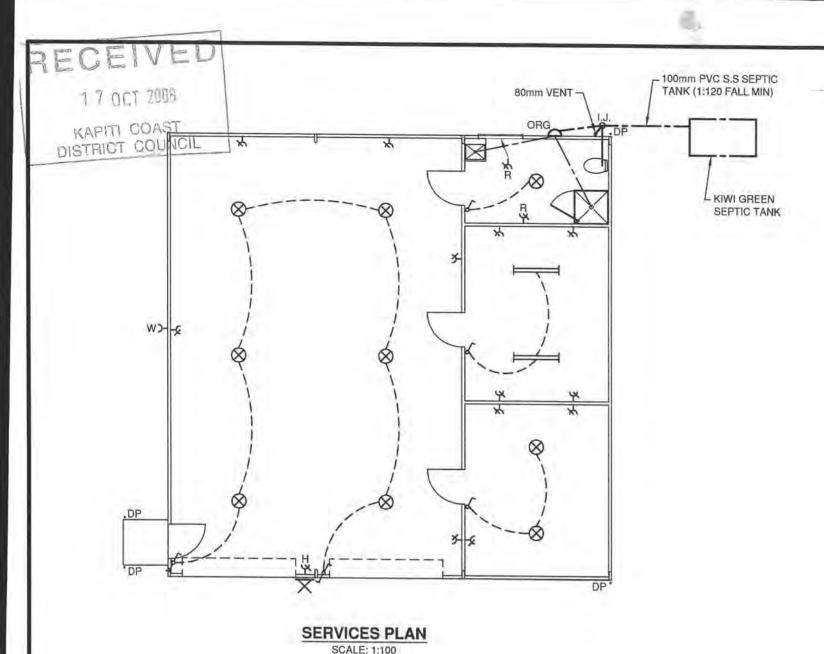
Project Information Memorandum No...08.0..625A

Building Project...

New Drainage showing Septic Tank Lot 18 – Te Horo Country Estate TE HORO

FOR OFFICE USE ONLY

FEES		PIM Fee	\$
	\$ \$	RECEIPT NO.	DATE
	\$ \$	INVOICE NO	DATE
	\$ \$	RECEIPT NO	DATE
SUBTOTAL	\$		•
Less Deposit Paid	\$		
TOTAL	\$		
GST INCLUDED	S		



ELECTRICAL LEGEND

○ CEILING MOUNTED LIGHT FITTING

FLUORESCENT LIGHT FITTING

WEATHERPROOF WALL MOUNTED SENSOR SPOTLIGHT

TWO WAY LIGHT SWITCH

DOUBLE SOCKET OUTLET 1.3m A.F.L. UNLESS NOTED OTHERWISE R = FED FROM RCD PROTECTED CIRCUIT H = MOUNTED AT 2.8m A.F.L.

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40Ø 1:40 100Ø 1:60

TOTALSPAN.

STEEL SHEDS & BUILDINGS

Drawings Prepared By:

TOTALSPAN WELLINGTON

LINDALE TOURIST COMPLEX Ph: (04) 297 0033
PO BOX 376 Fax: (04) 297 0031
PARAPARAUMU Mobile: (027) 252 6232

e-mail: wellington@totalspan.co.nz

PEACH 14 TRUST P.O. BOX 7072 WELLINGTON SOUTH

Proposed Building For:

Site Address: LOT 18

LOT 18
TE HORO
COUNTRY ESTATE

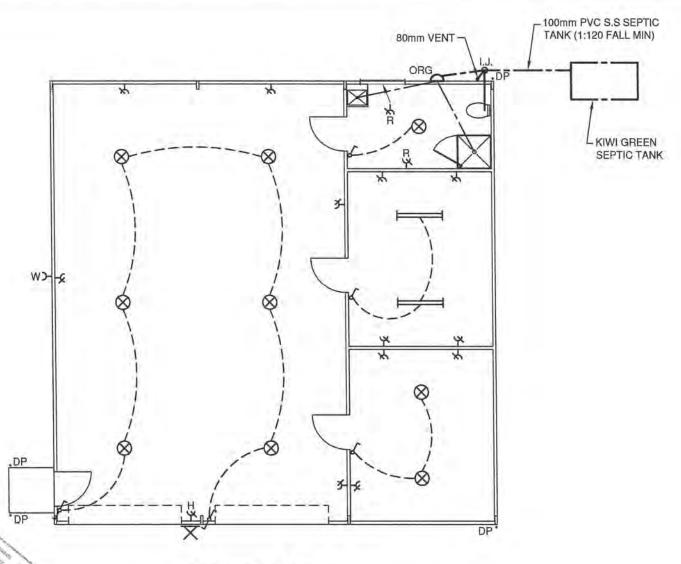
11.750m SPAN S50 (VERY HIGH) BASIC WIND SPEED

V = 50 m/s T.C.2

14-Oct-08 Order #:

Date Drawn:

806362



SERVICES PLAN

ELECTRICAL LEGEND

CEILING MOUNTED LIGHT FITTING

FLUORESCENT LIGHT FITTING

WEATHERPROOF WALL MOUNTED SENSOR SPOTLIGHT

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LINDALE TOURIST COMPLEX Ph: (04) 297 0033 PO BOX 376 Fax: (04) 297 0031

PARAPARAUMU Mobile: (027) 252 6232 e-mail; wellington@totalspan.co.nz

Proposed Building For:

PEACH 14 TRUST P.O. BOX 7072 WELLINGTON SOUTH Site Address:

LOT 18 TE HORO COUNTRY ESTATE 11.750m SPAN S50 (VERY HIGH) BASIC WIND SPEED V = 50m/s T.C.2 Date Drawn: 14-Oct-08 Order #:

806362

KCDC Building Consent Authority Building Consent AMENDMENTS Documentation Filed 1 7 OCT 2008

KAPITI COAST DISTRICT COUNCIL

BC No).
Street	Addross

New Drainage showing Septic Tank Lot 18 - Te Horo Country Estate TE HORO

Tick indicates document(s) included in this Building Consent

Amendment Consent Application,	V
Costing schedule,	V
Amended Plans and specifications,	1./
Invoice and receipt,	
Processing records/checksheets,	
Inspection page printouts	
	7
Amended Building consent and memorandum,	
Producer statements and supporting documentation,	
Peer review documents,	
Fire design documents,	- 1
Requests for further information and other correspondence,	-
Supplementary information,	-

This form comprises part of the Building Consent documentation and indicates the contents of the Building Consent File. Refer KCDC Policy 029.

		0010 777777	APPROVING OFFICER
DEPARTMENT	TICK FOR REFERRAL	COMMENTS	DATE
Planning			
Plumbing and Drainage			
	V		
Building		01 181	1
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Fire Design		V	
Compliance Schedule			
Structural			
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Hazardous Substances			
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Environmental Health			
E-17			
		NOTES:	
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Amended BC Application

Building Consent No.... 080.625A.

Building Project

New Drainage showing Septic Tank Lot 18 – Te Horo Country Estate TE HORO

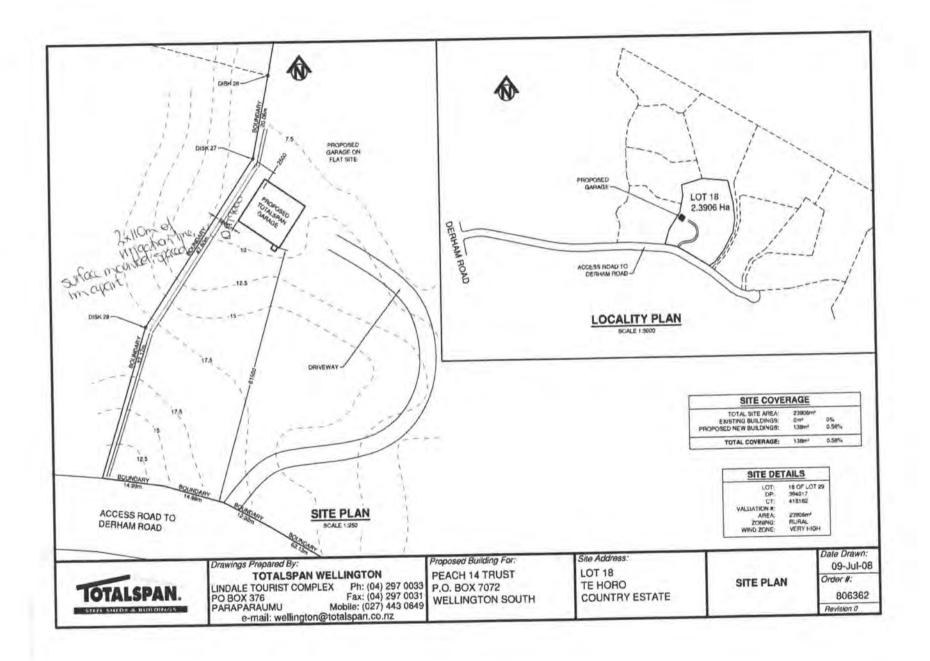
Scanned 20/10/08

CONSENT DATA INPUT REQUIREMENTS

QUIRED INSPECTIONS	32	/	Lapse and cancellation after 12mths of consent	23	Installation of solid fuel
Foundation/Piles		-			appliance (wood burner) comply and secured
Block	2	1	Engineer design specific components	23A	Second hand wood burn certified
Pre-Slab (Plumbing)	3		Foundations to solid bearing of 200mm	25	Contractor to leave site clean and clear
Pre-Slab (Building)	4		NZS3604 as acceptable solution in terms of NZ Building Code	30	To comply with Food Hygiene Regulations 19
Sub-Floor	6		Not approved as Habitable Room	31	As in CCZ, all fixings ne to be stainless steel
Drainage Pre-Wrap	9		Note and comply with all endorsements on approved plans	33	Approval only given for relocation purposes
Pre-Clad	10		Names and Registration	34	If cladding to have pre-
Weathertightness			of plumber and drain- layer required		finished colour coating, be appropriate for coast conditions
Pre-lining (Building)	11		Concealed soil and TV	38	Window sashes on upp
Pre-lining (Plumbing)			pipes and gas flues only allowed in ducts or minimum framed		levels less than 760mm above floor to have stay fixed
Wet areas - membrane Post Lining	12		Hot & Cold water pipes tested to 1500kPa	39	Construction of playground to comply w
Brick Veneer	13		Roof stormwater to be connected to existing	40	Fencing, gates, doors directly leading to swimming pool to comp
100	14	+	Copper water pipes not	43	with Pool Act 1987 Textured systems should
Final (Dwelling)			permitted		be applied by licensed, trained applicators -
Final (Commercial &Multi-reso	1)	1 -			supply warranty
	15		Owner/builder to ensure prop foundation height will allow satisfactory connection	44	Exterior cladding syste to be completed and inspected prior to interillining
	21		Minimum FFL to comply with NZS3604		
		-			
		1	-966		

S	TANDARD CONSENT CONDITIONS	
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NON-STANDARD ADDENDA	
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21 October 2008

Totalspan Wellinton/Horowhenua PO Box 376 Lindale Tourist Complex Paraparaumu 5032



Dear Sir/Madam

Request for further information

Description:

New Drainage showing septic tank

Location:

132 Derham Rd, Te Horo

Legal Description:

Lot 18 Te Horo Country Estate

Unfortunately, we are unable to process your Building Consent until we receive the information detailed below.

Information Needed:

Please provide a full sewage treatment system including the effluent layout on a site plan show design calculations

Show method and location of heating water.

Provide details for storage of potable water.

notposided 15/2/09

You will be invoiced for the additional inspections that will need to be carried out.

We have suspended your application and will not proceed any further until the above information is received. Please send it to us by 4th October 2008. If we do not receive it by this date, we may not be able to issue your Building Consent.

Please contact me if you would like to discuss this matter.

curer Kung 5/3/2009

Yours sincerely

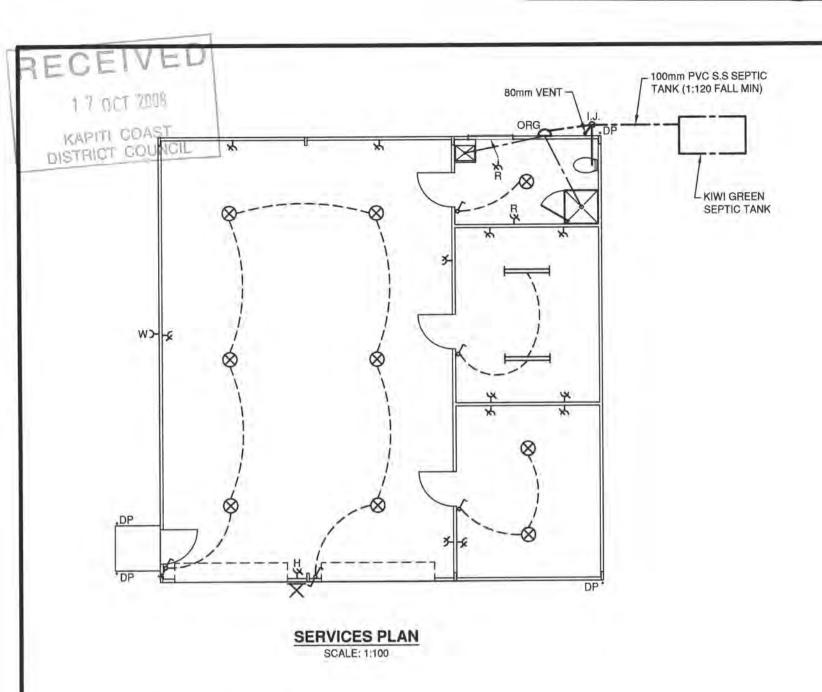
Simon Copp

Building Control Officer

= Grey Currely Plumber + Danilyan = Gas fitter cent. - Electrice cent.

a copy of the letter resent to the owners

Author/generator ID data



ELECTRICAL LEGEND

O CEILING MOUNTED LIGHT FITTING

FLUORESCENT LIGHT FITTING

WEATHERPROOF WALL MOUNTED SENSOR SPOTLIGHT

ℰ LIGHT SWITCH

TWO WAY LIGHT SWITCH

POUBLE SOCKET OUTLET 1.3m A.F.L. UNLESS NOTED OTHERWISE R = FED FROM RCD PROTECTED CIRCUIT H = MOUNTED AT 2.8m A.F.L.

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Drawings Prepared By:

TOTALSPAN WELLINGTON

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PARAPARAUMU Mobile: (027) 252 6232 e-mail: wellington@totalspan.co.nz

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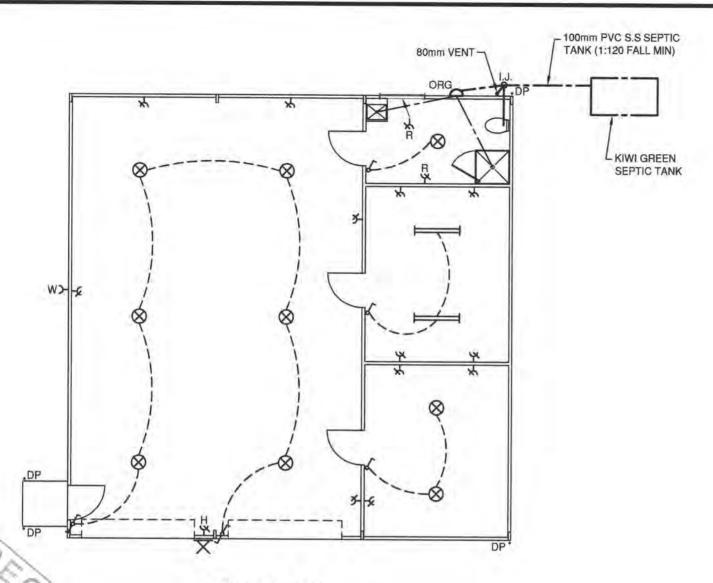
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LOT 18 TE HORO COUNTRY ESTATE 11.750m SPAN S50 (VERY HIGH)

BASIC WIND SPEED V = 50m/s T.C.2 Date Drawn: 14-Oct-08

Order #:

806362



SERVICES PLAN SCALE: 1:100

ELECTRICAL LEGEND

- CEILING MOUNTED LIGHT FITTING
- FLUORESCENT LIGHT FITTING
- WEATHERPROOF WALL MOUNTED SENSOR SPOTLIGHT
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11.750m SPAN S50 (VERY HIGH)

BASIC WIND SPEED

Order #: 806362

Date Drawn:

14-Oct-08

V = 50m/s T.C.2

Kiwi Green Contracting Ltd

Installers of Aerated Wastewater Treatment Systems

Lisa 0274 540515 Greg 027 2436866 Ph/Fax 04 905 2757 kiwigreen@paradise net nz

PRODUCER STATEMENT

In respect of:

Air Tech™ 9000 A.W.T.S Household Sewage Treatment Systems

Attn:

Kapiti Coast District Council

For:

G & S Peach, Lot 18 Te Horo Country Estate, Te Horo

We believe that we have designed the above wastewater treatment system having regard to the basic performance criteria incorporated in the following standards and guidelines:

AS/NZ 1546:1.1998:

On-site Wastewater Treatment Units Part 1 - Septic Tanks

AS/NZ 1547:2000

On-site Domestic-Wastewater Management

NZS 4610: 1982

Household Septic Tank Systems

ARC Environment:

TP 58 November 1994 - On-site Wastewater Disposal from

Household and Institutions

and the requirements of:

NZ Building Code:

Section B2 Durability Section G13 Foul Water

Section G14 Industrial Wastes

PERFORMANCE:

The system is designed to achieve the following quality of effluent treatment:

BOD

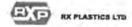
15 to 20mg/1

Total Suspended Solids

Faecal Coliforms

20 to 30mg/1

o to 200/100ml (after disinfection/soil treatment)



EFFLUENT DISPOSAL:

The design of the effluent disposal system is based on the discharge of 1320 litres per day of treated effluent, at a hydraulic loading of 4mm per square metre. The required disposal area is 330 square metres.

The effluent is to be dispersed through a subsurface Naan dripline irrigation system. 220m of Naan pipe will be laid. The proposed sitting and layout of the disposal area is shown on the attached plan. The irrigation line will be surface mounted, mulched and planted with suitable vegetation.

The on-site contractor is ultimately responsible for ensuring the system is installed in accordance with the Company's installation specifications.

An approved installation Agent will be responsible for the commissioning of the system.

Lisa Burns DIRECTOR

Kiwi Green Contracting Ltd

Installers of Aerated Wastewater Treatment Systems

Lisa 0274 540515 Greg 027 2436866 Ph/Fax 04 905 2757 kwyreen@paradse.net.nz

SEWAGE TREATMENT AND EFFLUENT DISPOSAL DESIGN

Treatment Process : Aerated Wastewater Treatment System (A.W.T.S)

System Design : Air TechTM 9000

Design Capacity : 2000ltrs per day (maximum)

DESIGN LOADINGS : AS/NZ 1547:2000

Number of Bedrooms : 4 + 1 Number of persons : 8

Water Supply : Tank: Roof Water Storage
Wastewater Flow : 165ltrs per person per day
Total Wastewater Flow : 8 x 165 = 1320 lts per day
Soil Category Type : 4mm D.I.R per day

1320 litres/4mm = 3302m of irrigation disposal area required

EFFLUENT DISPOSAL

Effluent dispersement will be NAAN DAN purple compensating emitter irrigation lateral. Emitters will be at .600mm spacings with a 2.1ltr per/hr flow rate. The irrigation system will incorporate a vacuum break and line flushing valve. An Arkal inline ring disc filter will protect the dripper lateral.

SOIL TYPE

The elevated site has a north west aspect and receives good sun exposure. The area designated for the effluent disposal via drip irrigation lateral will be planted with suitable vegetation that will have very good nutrient uptake. Evapotranspiration will be greatly assisted given the sunny aspect of the site.



The soil condition is 200mm-300mm of topsoil over sand. Given the elevated nature of the site, soil type has been assessed at -4mm D.I.R per day.

RESERVE DISPOSAL AREA

There is available land and landscape for additional disposal if required.

Lisa Burns DIRECTOR

KCDC Building Consent Authority Building Consent AMENDMENTS Documentation Filed 1 7 DCT 2008

KAPITI COAST

		DISTRICT COUNC
BC No.	080 625 A New Drainage showing	
Street Address.	Septic Tank	
	Lot 18 - Te Horo Country	
	Estate	
	TE HORO	

Tick indicates document(s) included in this Building Consent

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Quin Buildings Direct PO Box 1087 Levin 5540

23 December 2021

Dear Building Owner

Exemption from the need to obtain a Building Consent (EX0292)

Site Address: 51 Paul Faith Lane, Te Horo Legal Description: LOT 18 DP 405220 C/T 418182

Project Description: Build a 1 bay pole shed under exemption - importance level 1

We recently received from you an application for an exemption from the need to obtain a building consent relating to the above building/site.

Having examined the application, the Council wishes to advise you that under the Building Act 2004, Schedule 1, the project as described in the application is exempt from the requirement to obtain a building consent under clause 2 for the following reason:

2(a) the completed building work is likely to comply with the building code.

Please note that if the proposed building work is changed from that stated in your current application, you may subsequently need to apply for a building consent. Please seek advice from me if this situation arises.

If you have any questions or would like to discuss this matter, please contact me on (04) 296 4700 or 0800 486 486.

Yours sincerely

Leon Smith

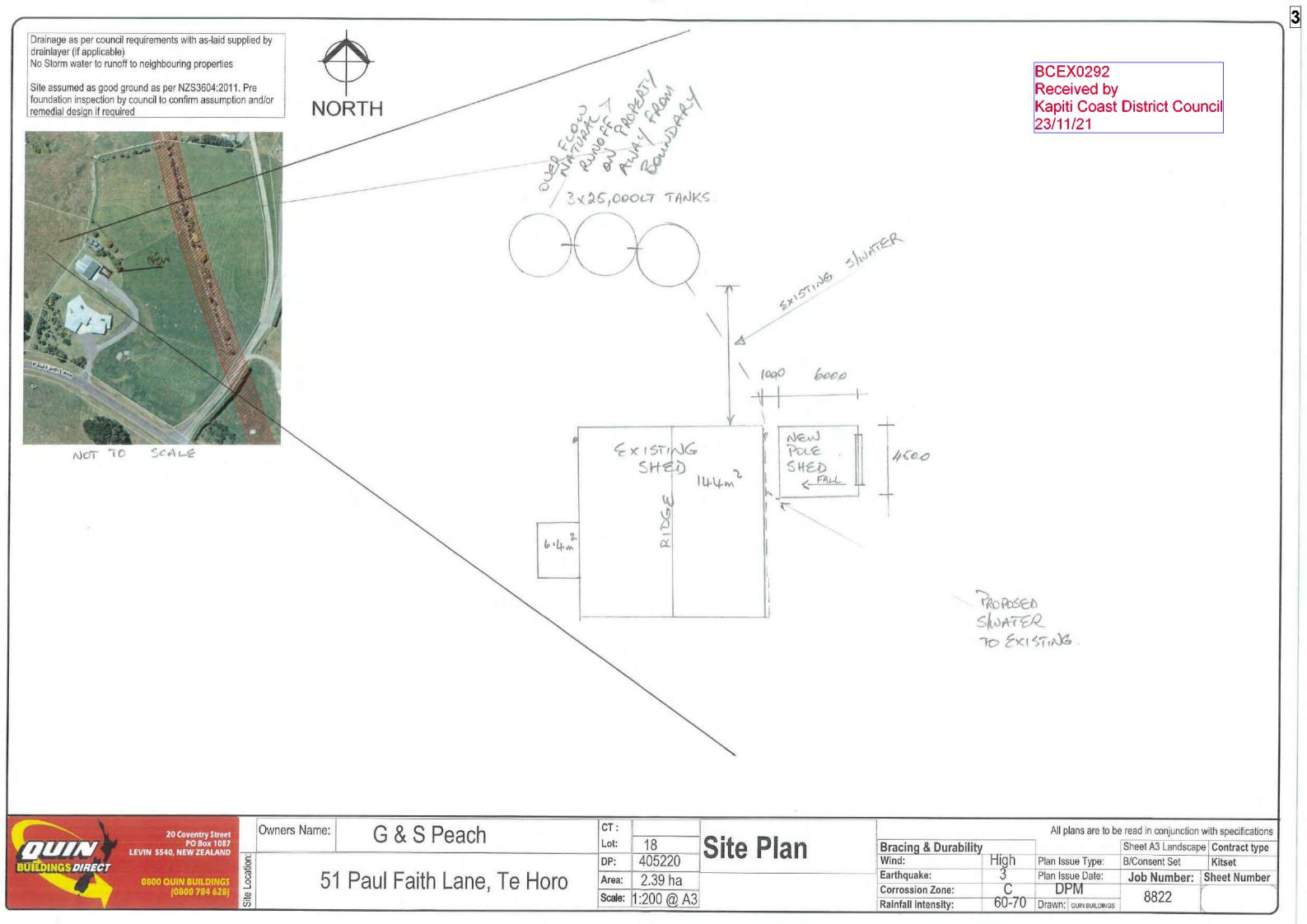
Team Leader Building Approvals

2

BCEX0292 Received by Kapiti Coast District Council 23/11/21

FOR
Stephanie & Glenn Peach
AT
51 Paul Faith Lane, Te Horo





Building Information:

Roof Pitch: 3.8 deg.
Wind Load: High
Snow Load: Sg = 0 kPa
Earthquake Zone: 3
Timber Grade: SG8
Bay Spacing: 4500mm
Purlin Size: 200x50
Purlin Centres: 1000mm

Girt Size: 150x50, 200x50 (Rear)

Girt Centres: 1100mm

Wind Column Size: 2/ 200x50, NA (Rear)

Pole Size: 175 SED
Pole Embedment: 1200mm
Rafter Size: 300x50
Rafter Span: 6000mm
Props Required: NA
Max Pole Height: 3750mm
Low Pole Height: 3350mm

Key:

= Clad Walls

= Column

Floor Type: Concrete Front Overhang: None Rear Overhang: None

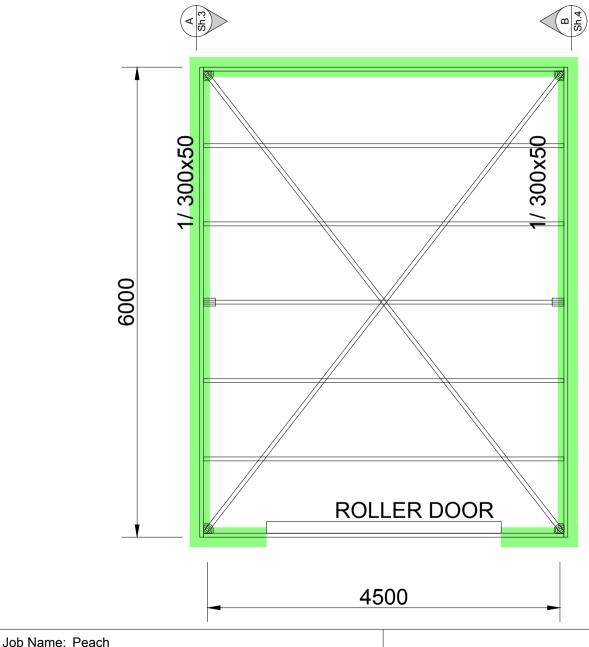
= Pole

= Single Row of Tensioned Multibrace

Notes:

Order #: 8822

BCEX0292 Received by Kapiti Coast District Council 23/11/21





MiTek New Zealand Ltd.

CHRISTCHURCH Phone: (03) 348 8691 Fax: (03) 348 0314

AUCKLAND Phone: (09) 274 7109 Fax: (09) 274 7100

www.miteknz.co.nz Emails to: farm.buildings@miteknz.co.nz

MITEK® LUMBERLOK®

BOWMAC®

Job Site: 51 Paul Faith Lane, Te Horo

Client Name: Drawn by:

Plan

Plan

FB72439

Scale:

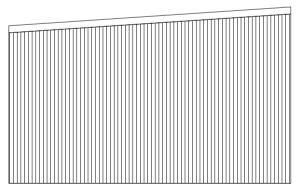
Sheet Number:

drawings to scale

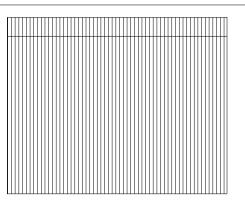
Bruce Love Jake Goodridge 28 / 10 / 21



N.B. This design does not include any design or detail for flashing and/or drainage requirements.



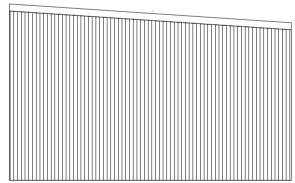




REAR ELEVATION



FRONT ELEVATION



RIGHT END ELEVATION



MiTek New Zealand Ltd.

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IITEK® LUMBERLOK® BOWMAC®

Job Name: Peach

Job Site: 51 Paul Faith Lane, Te Horo

Client Name:
Bruce Love

Lievatio

Jake Goodridge

Elevations

drawings to scale

28 / 10 / 21

FB72439

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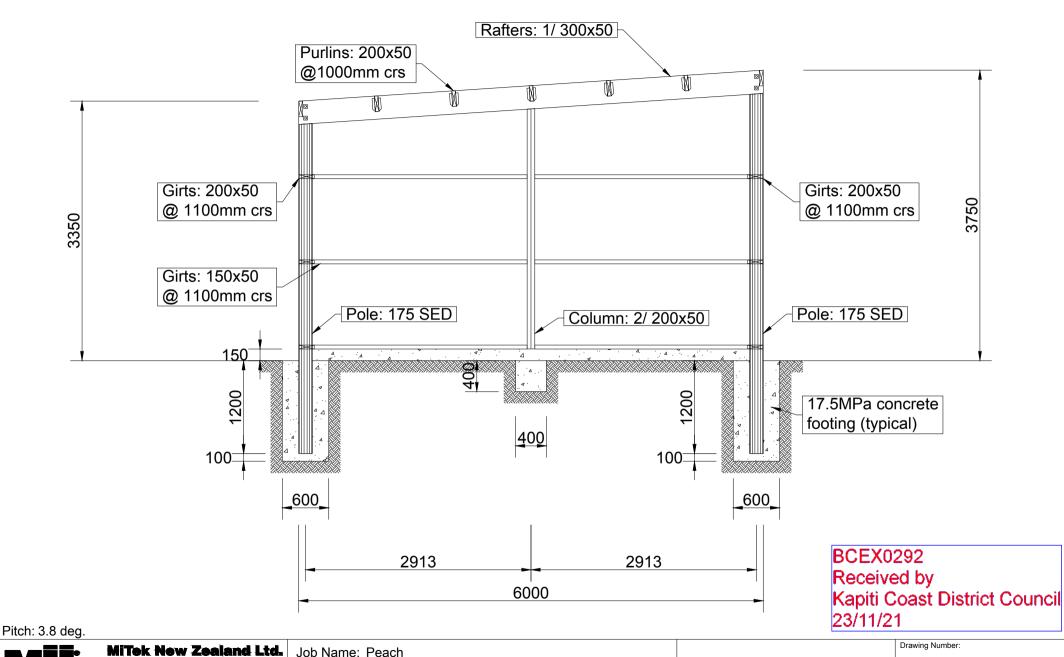
BCEX0292 Received by

23/11/21

Kapiti Coast District Council

Number.

Drawing Number:

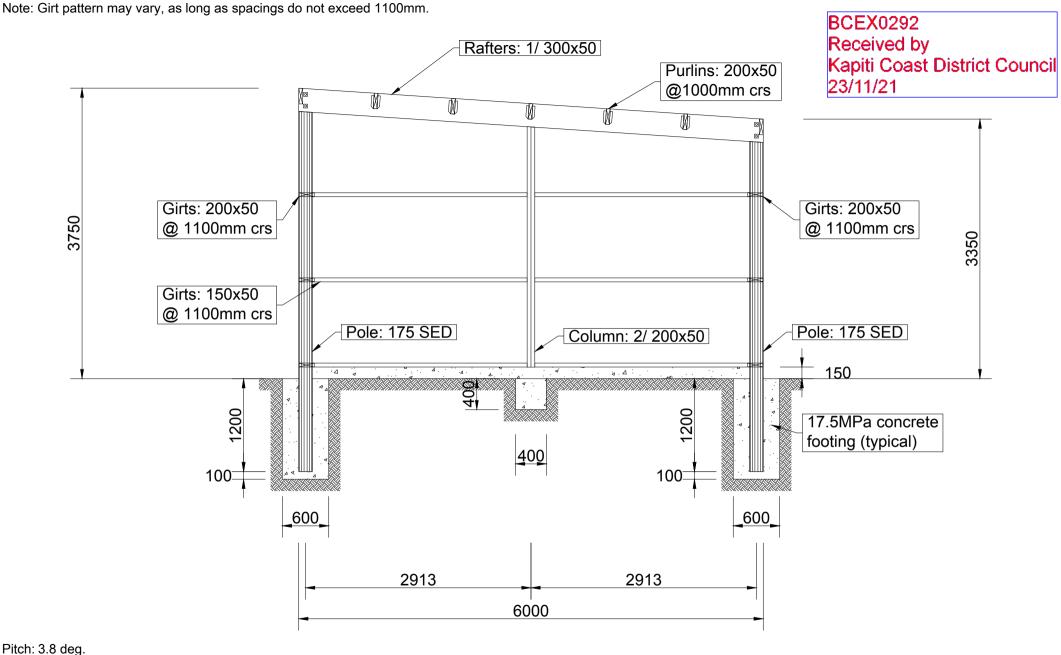


Note: Girt pattern may vary, as long as spacings do not exceed 1100mm.

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LUMBERLOK® BOWMAC

09 00	Job Site: 51 Paul Faith Lane, Te Horo		Section A		FB72439	
AC®	Client Name: Bruce Love	Drawn by: Jake Goodridge	Date: 28 / 10 / 21	Scale: drawings to scale	Sheet Number:	



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LUMBERLOK® BOWMAC®

Job Name: Peach

Bruce Love

Job Site: 51 Paul Faith Lane, Te Horo Client Name:

Section B

FB72439

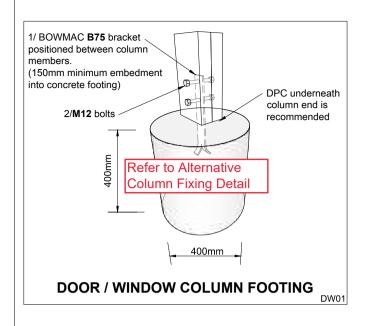
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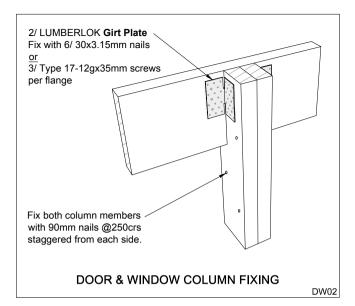
Drawn by: Jake Goodridge 28 / 10 / 21

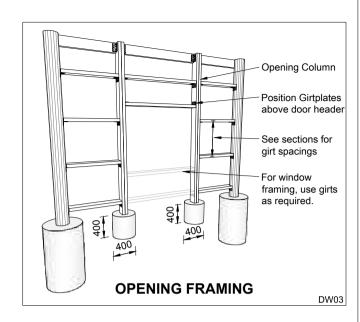
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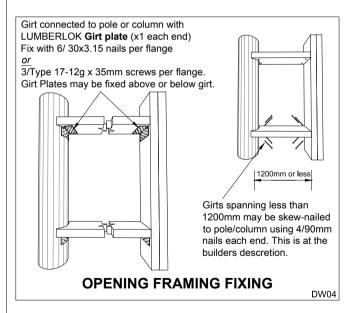
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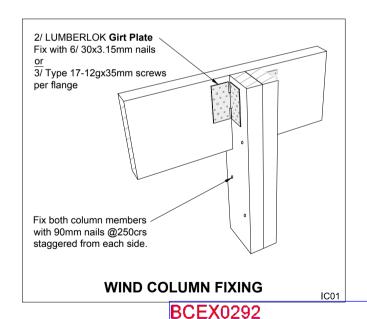
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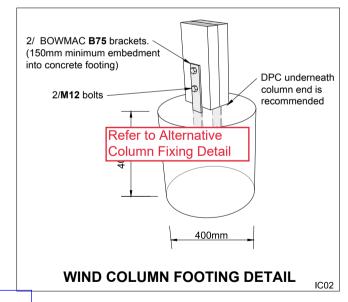














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AUCKLAND Phone: (09) 274 7109 Fax: (09) 274 7100

BOWMAC®

Client Name:

Bruce Love

Received by Job Name: Peach Kapiti Coast District Council Job Site: 51 Paul Faith Lane, Te Horo23/11/21

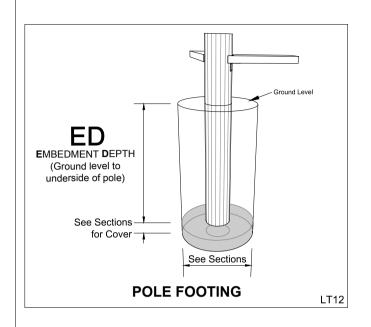
Jake Goodridge

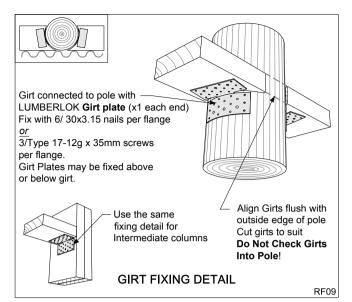
28 / 10 / 21

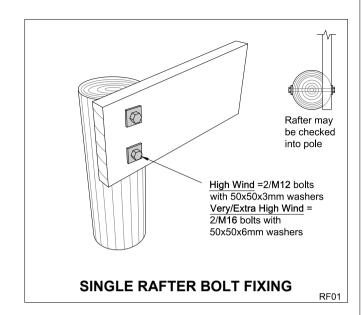
FB72439

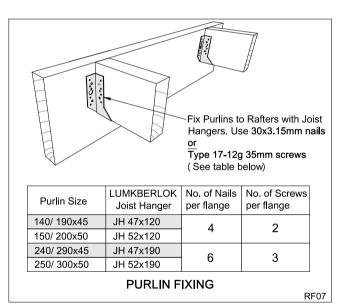
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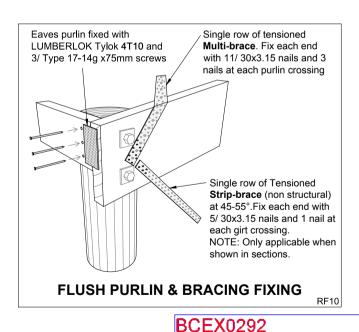
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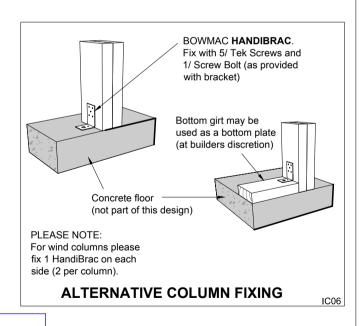














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LUMBERLOK® BOWMAC® Job Name: Peach

Job Site: 51 Paul Faith Lane, Te Horo

Client Name: Bruce Love Received by Kapiti Coast District Council Details

23/J11/21 Jake Goodridge

FB72439

Drawing Number:

Scale: Sheet Number: 28 / 10 / 21 drawings to scale

6

Scheduled Materials:		
Roof Pitch:	3.8°	
Roof Material:	0.40mm G550 AZ150 Colorcote Zinacore - Trapezoidal Profiled Metal	
Spouting type:	125 Box Gutter	
Spouting Material:	0.40mm G300 AZ150 Colorcote Zinacore	
Down Pipe- Size & type	80mm Ø uPVC	
Flashings:	0.40mm G300 AZ150 Colorcote Zinacore	
Roof Underlay:	Thermakraft Covertek 401	
Roof Netting:	75mm Hexagonal galvanised wire netting - Closed Bay only	

DN90 uPVC pipe

1:90 min fall

(6)

DP

Note:
Refer to owner supplied site plan for siting.
Stormwater to discharge to existing.

DN = Diameter Nominal DP = Downpipe S/W = Storm Water

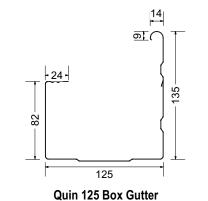
Stormwater to discharge to existing

Fall of Gutter

Roof area = $27m^2$

3.8° Fall

4 500



Effective cross sectional area: 9577mm²

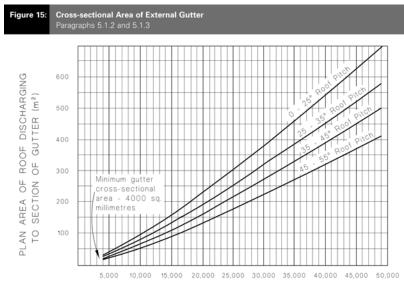
Material: 0.40mm G300 AZ150 Colorcote Zinacore

Max. roof area per 80mm Ø Downpipe: 85m²

Minimum recommended fall: 1:2000

Bracket system:Internal coated steel brackets fixed @ 1m centres with 2/30x2.8 clouts





CROSS-SECTIONAL AREA OF SECTION OF EXTERNAL GUTTER (mm2)

Figure 15- Cross sectional area external gutter - E1/AS1 Table 5 downpipe for given roof pitch and area- E1/AS1

Table 5:	Downpipe Sizes to Paragraph 4.2.1	or Given Roof Pitch	and Area		
Downpipe size (mm)			Roof	pitch	
(minimun	n internal sizes)	0-25°	25-35°	35-45°	45-55°
			Plan area of roof serv	ed by the downpipe	(m²)
63 mm d	iameter	60	50	40	35
74 mm d	iameter	85	70	60	50
100 mm	diameter	155	130	110	90
150 mm	diameter	350	290	250	200
65 x 50 r	ectangular	60	50	40	35
100 x 50	rectangular	100	80	70	60
75 x 75 r	ectangular	110	90	80	65
	rectangular	150	120	105	90

All plans are to be read in conjunction with specifications

Rear Elevation
Right End Elevation
Front Elevation
Right End Elevation
Front Elevation
Right End Elevation
Front Elevation
Right End Elevation
Right End Elevation
Right End Elevation
Right End Elevation
Right End Elevation



CT: 418182 Page Description:

Lot: 18 Roof Layout & Preliminary

DP: 405220 Drainage Layout

Area 2.3906ha

Bracing & Durability	1	Scale: 1:50	Sheet A3 Landscape	Contract type
Wind:	High	Plan Issue Type:	B/Consent Set	Build
Earthquake:	3	Plan Issue Date:	Job Number: 5	Sheet Number
Corrossion Zone:	С	9/11/2021	8822	T -£0
Rainfall intensity:	70-80	Drawn: BR	00ZZ	5 of 9

BCEX0292 Further Information Received 22/12/21

21 December 2021

Quin Buildings Direct PO Box 1087 Levin 5540

Dear Building Consent Applicant/Building Owner

Request for Further Information – Building Consent: EX0292

Site Address: 51 Paul Faith Lane, Te Horo Legal Description: LOT 18 DP 405220 C/T 418182

Project Description: Build a 1 bay pole shed under exemption - importance level 1

Following checking of your Building Consent it is apparent that further information is required.

Information needed:

BUILDING

 B1- Please demonstrate how the ground bearing capacity was tested and confirm that the proposed foundation system is adequate for this site. Testing as attached

VETTING

1. The KCDC GIS maps identify the site as having uncertain, poorly constrained terrain. Please advise whether and how this has been accounted for with the proposed foundation design. See note on ground test, this has been considered with good ground has been established

We have suspended your application pending receipt of the above information. Please send it to us by 31 January 2022. We are unable to issue your Building Consent until these matters are resolved.

Information can be posted, emailed to <u>Building.Approvals@kapiticoast.govt.nz</u> or dropped in at one of Council's service centres.

If you need more time, have any questions or you would like to discuss this matter, please contact me on (04) 296 4700 or Elisha.Khan@kapiticoast.govt.nz referencing Building Consent No EX0292.

Yours sincerely

Elisha Khan Building Officer

cc Building Owner

Form 506 Further Information Letter v4 (BC2, AD1) May 2017

Page 1 of



Test Site: 51 Paul Faith Lane

Town: Te Horo

Date: 22-Dec-21 Client: G & S Peach Weather: Overcast Project: New pole shed

Soil type: Alluvial sands with 400mm layer of base course

Tested to: NZS 4402: 1988, Test 6.5.2 By: Donald McFedries

QUIN BUILDINGS LTD PENETROMETER TESTING

Depth	Α	В	С	D	E	F	G	Н	G.G
0									5
100	1	3							5
200	3	4							5
300	3	4							5
400	3	1							5
500	4	2							5
600	3	1							5
700	4	3							3
800	4	4							3
900	5	4							3
1000	5	5							
1100									
1200									
1300									
1400									
1500									
1600									

5 blows per 100mm is the equivalent of 300Kpa

For Dwellings a test requires to be conducted by an appropriate Qualified Engineer

RESULT: Good ground encountered at all sites sites.

BB = Probe bouncing on large boulders

X = unable to test as could not penetrate any further

SIGNED:

Donald McFedries

Both areas were tested to the outside of the prepared site
A **400mm** layer of hard compacted base course is over the area
Could not penetrate the site where shed is going
Te site has a well compacted area that is beyond the building platform by over 3m



Front

LIMITATIONS

The following recommendations and opinions are based upon data from DCP testing and observations made on-site on the date shown in the report header.

On-site DCP testing is completed in accordance with N25:3604-2011 Section 3.3 by a suitably qualified person.

Results are supplied to our nominated structural engineer in analyising the suitability of the foundation design for the nominated site only.

The resistance of the soil was tested using a steel cone driven (DCP) by a 9 kg falling mass

BCEX0292 Further Information Received 22/12/21 12

BCEX0292 Received by Kapiti Coast District Council 23/11/21



JOB SPECIFICATIONS

(project name)

(project address)

(owner's name)

A COPY OF THE COUNCIL APPROVED PLANS MUST BE KEPT ON SITE AT ALL TIMES

51 Paul Faith Lane, Te Horo





Key to map symbols

Property

Parcel Boundaries

Street Numbers

Road Names



Date Printed: November 9, 2021

To Whom It May Concern: Kapiti Coast District Council

Client name: Stephanie & Glenn Peach Re: Pole shed to be constructed at: 51 Paul Faith Lane, Te Horo

Appellation: Lot 18 DP 405220

Earthquake Zone: Zone 3
Exposure Zone: Zone C
Lee Zone: No
Rainfall Range: 70 - 80
Wind Region: A
Wind Zone: High

BCEX0292 Received by Kapiti Coast District Council 23/11/21

In regard to B2 Durability, below is treatment and grade information for all timber and fixings.

Timber Treatment

In direct contact with the ground H

All other timber Pine H3.2 CCA (Exposed)

Douglas Fir H1.2 (Sheltered & Enclosed)

Fixing Schedule

Pole > Rafter bolts Hot dipped galvanised steel 600g/m2 average cover

Roof Bracing (multibrace)

Girt plates

Joist hangers

Tylok plates

0.91 x 53 G300 Z275 Galvanised Steel
0.91 G300 Z275 Galvanised Steel
0.91 G300 Z275 Galvanised Steel
0.95 G300 Z275 Galvanised Steel
0.95 G300 Z275 Galvanised Steel

Type 17 screws to all fixings Class 5

Roof Cladding

Roof Underlay

Wall Cladding

0.4mm G550 Colorcote Zinacore Trapezoidal profiled metal
Thermakraft Covertek 401 over Ausmesh Safety Netting
0.4mm G550 Colorcote Zinacore Corrugated profiled metal

Flashing material 0.4mm G300 Colorcote Zinacore



CHRISTCHURCH

Phone: (03) 348 8691 Fax: (03) 348 0314

Emails to: farm.buildings@miteknz.co.nz

BCEX0292

23/11/21

Received by

Fax:

AUCKLAND

Phone: (09) 274 7109

www.miteknz.co.nz

MITEK®

LUMBERLOK®

BOWMAC®

Kapiti Coast District Council

(09) 274 7100

Producer Statement - PS1 - Design

ISSUED BY: MiTek New Zealand Ltd.

TO BE SUPPLIED TO: Building Consent Authorities in New Zealand

IN RESPECT OF: Proposed Lean-To Farm Building - FB72439

AT: 51 Paul Faith Lane, Te Horo

We have been engaged to provide engineering design services in respect of the requirements of Clause B1 of the New Zealand Building Code for

All Part only as specified: Purlins, Rafters, Girts, Poles, Columns, Trusses if applicable (including fixings as specified) and Pole embedment of the proposed building work.

The design carried out by us has been prepared in accordance with Compliance Documents issued by MBIE and Verification Method B1/VM1. The proposed building work covered by this producer statement is described on MiTek New Zealand Limited drawings numbered FB72439.

On behalf of the Design Firm, and subject to:

- Site verification of the following design assumptions:
 - i) Building Importance Level 1 with a 50 year working life (refer to AS/NZS 1170.0:2002)
 - ii) Light roof and no ceiling
 - iii) Modified High Wind Zone
 - iv) Snow Load sg = 0 kPa
 - v) Foundations on good ground with a min. ultimate bearing capacity of 300 kPa (NZS3604:2011, Section 3).
- vi) Refer attached Design Information for other assumptions
- All proprietary products meeting the performance specification requirements, the drawings, specifications, and other documents according to which the building is proposed to be constructed should comply with the relevant provisions of the building code.

I believe on reasonable grounds that:

- a) The building, if constructed in accordance with the drawings, specifications, and other documents provided, will comply with the relevant provisions of the Building Code.
- b) The persons who have undertaken the design have the necessary competency to do so.

I, In Ling Ng am a Chartered Member of ENZ and CPEng #146585 and hold the following qualifications BE Civil (Hons). The Design Firm issuing this statement holds a current policy of Professional Indemnity Insurance no less than \$200,000*.

On behalf of MiTek New Zealand Limited



In Ling Ng BE (Hons), CMEngNZ, IntPE, CPEng (146585) Engineering Manager New Zealand

Ling Ng Date: 28 / 10 / 21

Note: This statement shall only be relied upon by the Building Consent Authority named above. Liability under this statement accrues to the Design 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.



AUCKLAND

Phone: (09) 274 7109 Fax: (09) 274 7100 Fax:

BOWMAC®

CHRISTCHURCH

Phone: (03) 348 8691 Fax: (03) 348 0314

LUMBERLOK®

Emails to: farm.buildings@miteknz.co.nz

www.miteknz.co.nz

MITEK®

DESIGN INFORMATION - FARM BUILDING FB72439

LOADS and TIMBER

- Poles: Poles, Outer Zone Density Normal 350 kg/m3 fb= 38 MPa, Pole taper 6mm per 1.0m length
- Purlins: Radiata Pine or Douglas Fir SG8
- Girts: Radiata Pine or Douglas Fir SG8
- Rafters: Radiata Pine or Douglas Fir SG8
- Moisture content can be green. Our recommendation is 20% or less at time of installation.

DESIGN LOADS

- Dead loads for Light Roof 0.25kPa (includes weight of purlins, associated framing and galvanized iron roof).
- Live loads 1.1kN concentrated load, 0.25kPa uniform Load.
- The enclosed documentation has been designed for a Building Importance level 1, with 50 years working life. Refer to AS/NZS 1170.0:2002.
- Wind loads building designed for a modified High Wind Zone.
- Snow Loads building designed for sg= 0 kPa(calculated specifically for the job site in this documentation)
- Seismic Zone 3 (Annual Probability of Exceedance 1/100)
- Soil conditions ALL foundations to be into natural ground with a ultimate bearing capacity of 300 kPa, Øb=0.5.

DESIGN LOAD REFERENCES

Compliance Document for the New Zealand Building Code Clause B1 Structure Amendment 8

NZS3603:1993 Amendment 4 Cited Verification Method NZS3604 Amendment 2 Cited Acceptable Solution AS/NZS 1170 Part 0: 2002 Cited Verification Method AS/NZS 1170 Part 1: 2002 Cited Verification Method AS/NZS 1170 Part 2: 2011 Cited Verification Method AS/NZS 1170 Part 3: 2003 Cited Verification Method ANSI/TPI1 - 2002 Alternative Solution

Rutledge Method Alternative Solution - Footing Design for Cantilever Poles.

BUILDING ERECTION

Proper bracing must be installed to hold the components true and plumb and in a safe condition until permanent bracing is fixed. All permanent bracing and fixings must be installed before applying any loads.

LOAD DETAILS

These drawings have been prepared using the above design loads. It is the responsibility of the user to ensure that the design data and loads are still correct at the time of construction.

PRODUCT SPECIFICATION

These details have been designed using specific MITEK®, LUMBERLOK® and BOWMAC®products and the performance of the building and validity of the Producer Statement is reliant on the correct choice of product.



MiTek New Zealand Limited

Correspondence from: AUCKLAND

40 Neales Road, East Tamaki 2013 PO Box 58-014, Botany 2163 Phone: 09-274 7109

Fax: 09-274 7100

www.miteknz.co.nz

CHRISTCHURCH

14 Pilkington Way, Wigram 8042 PO Box 8387, Riccarton 8440 Phone: 03-348 8691

Fax: 03-348 0314

MITEK® LUMBERLOK® BOWMAC®

January 2018

PRODUCT STATEMENT

FOR

LUMBERLOK® TIMBER CONNECTORS

This document is issued by MiTek New Zealand Limited for the purpose of informing users of **LUMBERLOK** Connectors as to the appropriate conditions under which they are to be used and their durability, as required by the New Zealand Building Code, Clause B2, Durability.

1. PRODUCT DESCRIPTION

The **LUMBERLOK** Connector is a metal plate connector manufactured from pre-galvanised steel (Z275) coil or wire. A selection of **LUMBERLOK** products is also available in stainless steel Grade 304-2B.

2. PRODUCT USE

LUMBERLOK Connectors are designed and manufactured for use in connecting timber to timber, timber to steel, and timber to concrete, and as braces and supports for various types of timber construction.

LUMBERLOK Connectors should be used only for the purpose for which each of them is designed and manufactured in accordance with technical information supplied. In case of doubt as to use, MiTek New Zealand Limited should be contacted for guidance.

3. HANDLING, STORAGE, AND INSTALLATION

Pending use, **LUMBERLOK** Connectors should be stored in a weatherproof environment, protected from weather and moisture, remain in original packaging and be handled in such a manner as to avoid damage to the galvanised surface.

Structures incorporating **LUMBERLOK** Connectors should also be handled and installed in such a manner as to avoid stress or damage to the connector.

4. **DURABILITY**

This Product Statement is to be read in conjunction with the MiTek Durability Product Selection and Durability Flow Chart in Section 4 of the current MiTek Structural Fixings On-Site Guide. These selection charts are an alternative solution to Table 4.1 NZS 3604:2011.

When used, handled, stored and installed in accordance with the above conditions **LUMBERLOK** Connectors meet the NZBC clause requirement for 50 years life expectancy.

5. GENERAL

This statement is limited to the use of **LUMBERLOK** Connectors in New Zealand. No statement, representation or warranty is made or given in relation to any other country.

LUMBERLOK makes and gives no statement, representation, or warranty except as expressly set out in this statement and all conditions, statements, representations, or warranties implied by law or trade custom are excluded.

MiTek New Zealand Limited

Correspondence from: AUCKLAND

40 Neales Road, East Tamaki 2013 PO Box 58-014, Botany 2163

Phone: 09-274 7109 Fax: 09-274 7100

www.miteknz.co.nz

CHRISTCHURCH

14 Pilkington Way, Wigram 8042 PO Box 8387, Riccarton 8440

Phone: 03-348 8691 Fax: 03-348 0314

MITEK® LUMBERLOK® BOWMAC®

January 2018

PRODUCT STATEMENT

FOR

BOWMAC® STRUCTURAL BRACKETS

This document is issued by MiTek New Zealand Limited for the purpose of informing users of **BOWMAC** Structural Brackets as to the appropriate conditions under which they are to be used and their durability, as required by the New Zealand Building Code, Clause B2, Durability.

1. PRODUCT DESCRIPTION

BOWMAC Structural Brackets are fixing brackets, supports and braces manufactured from steel hot dip galvanised after manufacture. A selection of **BOWMAC** Structural Brackets is also available in stainless steel Grade 304-2B.

2. PRODUCT USE

BOWMAC Structural Brackets are designed and manufactured for use in connecting timber to timber, timber to concrete, and timber to steel, and to provide structural support to timber constructions.

BOWMAC Structural Brackets should be used only for the purpose for which each of them is designed and manufactured in accordance with technical information supplied. In case of doubt as to use, MiTek New Zealand Limited should be contacted for guidance.

3. HANDLING, STORAGE, AND INSTALLATION

Pending use, **BOWMAC** Structural Brackets should be stored in a weatherproof environment, protected from weather and moisture, remain in original packaging and be handled in such a manner as to avoid damage to the galvanised surface.

Structures incorporating **BOWMAC** Structural Brackets should also be handled and installed in such a manner as to avoid stress or damage to the galvanised surface.

4. DURABILITY

This Product Statement is to be read in conjunction with the MiTek Durability Product Selection and Durability Flow Chart in Section 4 of the current MiTek Structural Fixings On-Site Guide. These selection charts are an alternative solution to Table 4.1 NZS 3604:2011.

When used, handled, stored and installed in accordance with the above conditions **BOWMAC** Structural Brackets meet the NZBC Clause B2 for 50 years durability performance requirements.

5. **GENERAL**

This statement is limited to the use of **BOWMAC** Structural Brackets in New Zealand. No statement, representation or warranty is made or given in relation to any other country.

BOWMAC makes and gives no statement, representation, or warranty except as expressly set out in this statement and all conditions, statements, representations, or warranties implied by law or trade custom are excluded.





Product Data Sheet

AUSMESH

BCEX0292 Received by Kapiti Coast District Council 23/11/21

Galvanised roof safety mesh

Ausmesh is a superior quality roof underlay support and fall safety mesh for use on a variety of commercial buildings. Ausmesh is constructed of high tensile galvanised wire exceeding 450MPa and when used for roofing becomes a permanent fixture in the building. Available with PVC coating for high corrosive or aesthetic applications.

Ausmesh comes in sizes up to 2400 wide and can be cut to length for efficiency:

1800mm x 50m	Available cut to length*	Available PVC Coated - Black and White
2400mm x 50m	Available cut to length*	

^{*} **Note:** Production time allowance may vary - contact your Thermakraft Representative for more information.



Smarter products. Better buildings. **thermakraft.co.nz**



Ausmesh

Galvanised roof safety mesh

Product Description

Width	Mesh Size	Wire Diameter	Tensile Strength	Wire Coating	Length	Weight
1800mm 2250mm 2400mm	300mm x 150mm	2mm galvanised	Crosswire/ Transverse Wire min 450MPa	Standard AS/NZS 4534:2006 WO2	Standard roll size 50m	1800 width = ~23.5kg per roll.
			Line Wire/ Longitudinal Wire			2250 width = ~29kg per roll.
			min 500 MPa			2400 width = ~31kg per roll.

Scope of Use

- Roof safety mesh as a primary means for fall protection when working at heights in domestic, commercial and industrial building applications that use steel or timber structure.
- Suitable for the support of foil underlays (Thermakraft Thermabar 344 and Thermabar 397) in exposed roof spaces, and synthetic underlays (Thermakraft Covertek 407, 405 and 403) in enclosed roof spaces.
- May be used to support insulation. Usage intent and compatibility must be checked by the designer with the insulation manufacturer.

General

- Constructed of 2mm high tensile galvanised steel wire.
- Longitudinal wires are spaced at 150mm centres with cross wires spaced at 300mm centres forming a rectangular shape.
- Roof application only for fall protection and underlay support.

Limitations

- To be used in enclosed buildings.
- Exposed structures such as canopies/awnings will compromise Ausmesh's durability.

Compliance

- Can be used on roofs up to and including NZS 3604 'Extra High' wind zones.
- Ausmesh complies to AS/NZS 4389:2015 standard (Roof Safety Mesh).

Durability

Meets the Performance Requirements outlined in AS/NZS 4389:2015 standard providing;

- It is not damaged.
- Is installed in accordance with instructions.
- Is installed by or under guidance of Licensed Building Practitioners.
- Is compatible with building structure materials used*.
- * **Note:** Specifiers and product user must test for building structure materials' compatibility with Ausmesh before installation.

Product Warranty

Standard Thermakraft warranty applies. Refer to Thermakraft Warranty Statement for further details. This is available online at **thermakraft.co.nz** or call **0800 806 595.**

Thermakraft Limited / 0800 806 595

Smarter products. Better buildings.







Product Data Sheet

COVERTEK 401

Self-supporting synthetic roof underlay

Covertek 401 is an affordable lightweight roof underlay designed to keep water out and allow moisture to escape. Covertek 401 is a more affordable option if your project does not require a fire-retardant underlay. It is stable, shrink resistant, easy to handle and easy to install.

Covertek 401 comes in three roll sizes:

1350mm wide	18.6m long	25m² coverage*
1350mm wide	37m long	50m² coverage*
1350mm wide	55m long	75m² coverage*

^{*} **Note:** m2 is the roll size for actual coverage, allow for laps and joins.

BRANZ Appraised Appraisal No.943 [2016]

Received by

23/11/21

Kapiti Coast District Council





Covertek 401

Self-Supporting Synthetic roof underlay

Scope of Use

- Suitable with masonry tile, metal tile or profiled metal roof cladding.
- Suitable for timber or steel framed buildings Direct fix or cavity fix.
- Self-supporting in roof pitch application greater than or equal to 10 degrees (Refer to installation guide)
- Will provide temporary weather protection during construction (maximum 7 days), same day coverage recommended.
- Covertek 401 may be installed during adverse conditions (rain/snow) without affecting durability or performance.
- Suitable for use under dark coloured roofs.

General

- Covertek 401 is NOT fire retardant.
- Unaffected by LOSP or other solvent based treated timber.
 However, LOSP or other solvent based treated timber must have sufficient time for the solvent chemical to flash off in a well ventilated area. Recommended minimum 7 days.
- Tear resistant and strong.

Limitations

- · Cannot be used as a wall underlay.
- Must NOT be exposed to the weather or UV for more than 7 days.

Compliance

Designed for use as a roof underlay within the following scope:

- The scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1, with regards to building height and floor plan area.
- Situated in NZS3604 Wind Zones up to, and including, 'Extra High' (ROOF ONLY).
- Refer BRANZ Appraisal No 943 (2016) for full details.

Durability

Contributes to meeting the Performance Requirements of NZBC Clauses B2, Durability (B2.3.1 (a) 50 years, B2.3.1 (b) 15 years and B2.3.2), E2 External Moisture E2.3.2), and F2 Hazardous Building Materials F2.3.1, providing:

• It is not damaged.

- Is installed in accordance with instructions.
- Is not left exposed for more than 7 days (roof), same day coverage recommended.
- Is installed by or under guidance of Licensed Building Practitioners.
- Is compatible with cladding system used. (Note: specifiers and product users must test for roof cladding system compatibility with the underlay before installation.)

Control of Condensation

In climatic regions where condensation risks are high, such as cold or high humidity areas, care needs to be taken in specifying the correct design and installation to prevent moisture build-up in the roof cavities.

Factors which adversely affect the condensation risk in roofing systems include:

- Humid, and/or cold climatic regions.
- Warm/Skillion roof construction.
- Low roof cavity air volume and restricted air movement.
- Omitting Vapour Control Layers.
- Ceiling penetrations and entry of warm air into roof cavities.
- Occupancy activities which have high moisture loading on conditioned spaces.
- · Low pitched roof.
- Bulk insulation.
- Building structures ability to naturally dry construction moisture.

Skillion and Warm Roof Construction are particularly sensitive to moisture accumulation and the design and installation of roof construction needs to take into account the higher condensation risks. Refer MRM Code of Practice for details.

For passive ventilation of the roof space, it is recommended that all roof underlays are terminated at the ridge, and if not it should be slit or slotted to allow for passive ventilation. (For further information refer to the NZ MRM Roofing Code of Practice).

Product Warranty

Standard Thermakraft warranty applies. Refer to Thermakraft Warranty Statement for further details. This is available online at **thermakraft.co.nz** or call **0800 806 595**.

Property Performance

NZBC E2/AS1 Table 23 (NZS2295) Wall Underlay Properties	Absorbency	Vapour Resistance	pH of Extract	Shrinkage	Water Resistance
Property Performance Requirement	≥ 150gsm	≤ 0.5 MN.s/g	≥ 5.5 and ≤ 8	≤ 0.5%	≥ 100mm
Property Performance	Pass	Pass	Pass	Pass	Pass

Thermakraft Limited / 0800 806 595







General Information

Notes:

Refer to roof fixing pattern details for roof fixing pattern PS-001 for upto High Wind - corrugate roof PS-002 for Very High Wind - corrugate roof PS-003 for Extra High Wind - corrugate roof

PS-004 for Trapezoidal fixing patterns

For Corrugate wall fixing, fix every second crest along each girt line. At the top of the cladding fix in every second trough so flashings can fit over nicely.

For Trapezoidal wall cladding, fix every crest along each girt line. At the top of the cladding fix in every second trough so flashings can fit over nicely. Refer to details in this document for further information.

Table 1 (see Below) gives fixing type to use for the various cladding types that we use

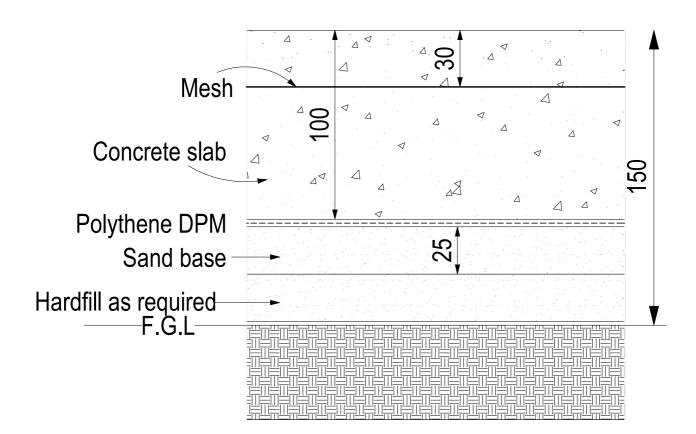
Table 1				
Fixing Type	Cladding Type			
Class 5 12x65 with washer	Trapezoidal			
Class 5 12x55 with washer	Corrugate			

Nearly all structural/ framing details will be covered in the plans from Mitek. Certain situations may require additional framing and fixing which Mitek don't take into account, these situations will be detailed in this document and will be noted as being a variation to the Mitek plans.



Quin Buildings - Pole Shed Flashing Detail Manual - Nov 2019 **General Information**

Ubbreviations: DM=Corrugated Metal
DB= Quin Buildings TM= Trapezoidal Metal
DB= Quin Coun Technical Detail Manual
DC= C-Clad
FE= Direct Fix
=-Cavity



Concrete Strength after 28 days:

Zone B - 17.5MPa

Zone C - 20 MPa

Zone D - 25MPa

Saw cuts to be 25mm deep and no more than 5m apart Mesh to stop short of slab edges by 75mm.

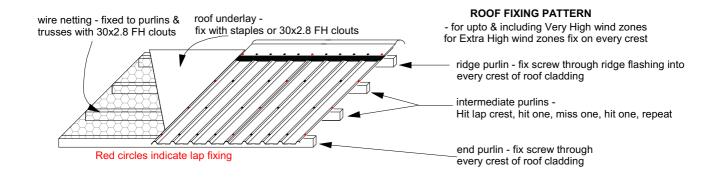
NOTE:

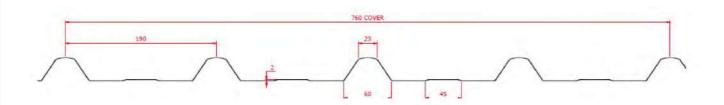
This is a non-structural concrete slab and does not form part of the structural integrity of the building

Non Structural Concrete Slab



Quin Buildings - Pole Shed Flashing Detail Manual - Nov 2019 Abbreviations: CM=Corrupated Metal
DB= Quin Buildings
DB=TDM=Quin Technical Detail Manual
DC=Q-CoLoid
DF=Dreact First
C=Cavity
DF=Dreact First
Sht:





Detail: PS-004c

Trapezoidal (QD5) Roof Fixing Pattern - Enclosed Bays

Quin Buildings - Pole Shed Flashing Detail Manual - Nov 2019 Abbreviations: CM=Corrugated Metal Ref:

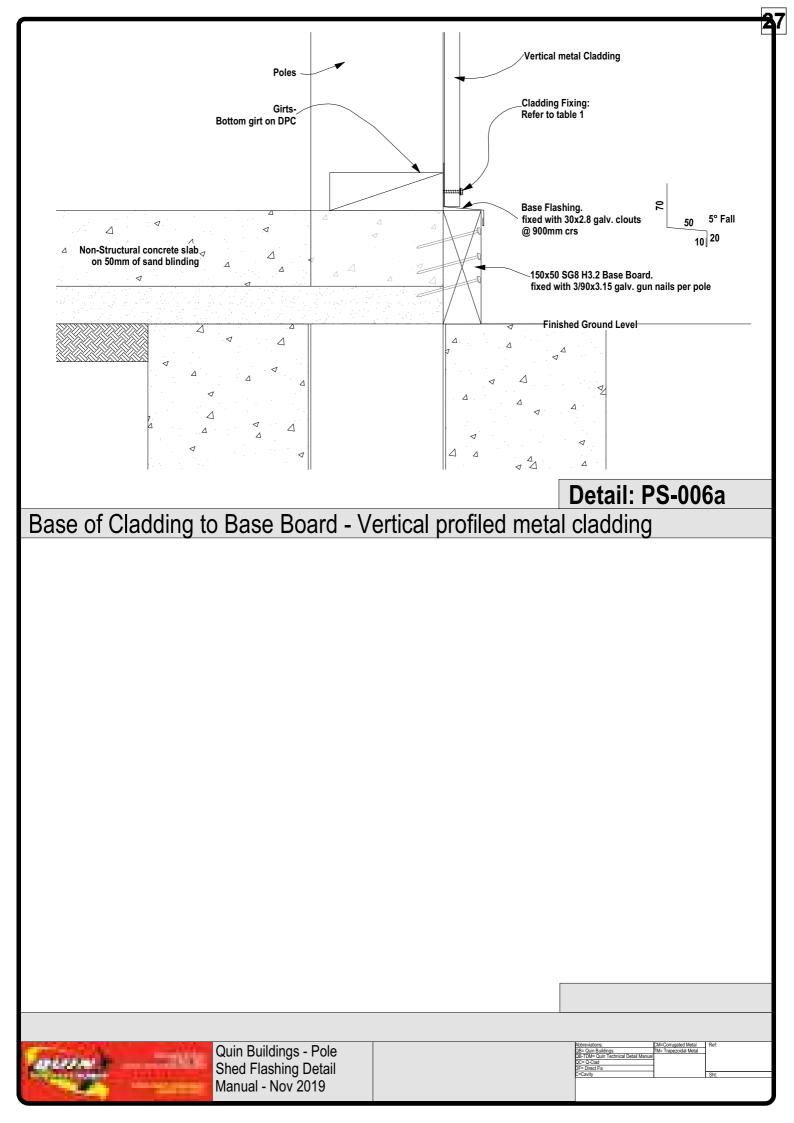
28- Quin Buildings FM= Trapezoids Metal Ref:

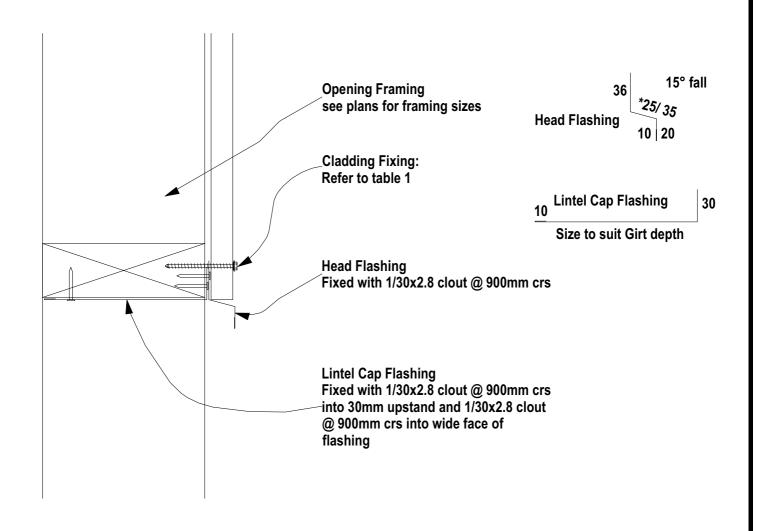
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28- Ditter Ref:

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* Note:

25mm for Corrugate wall cladding 35mm for trapezoidal wall cladding

See Mitek plans for all structural/ timber elements

Detail: PS-011

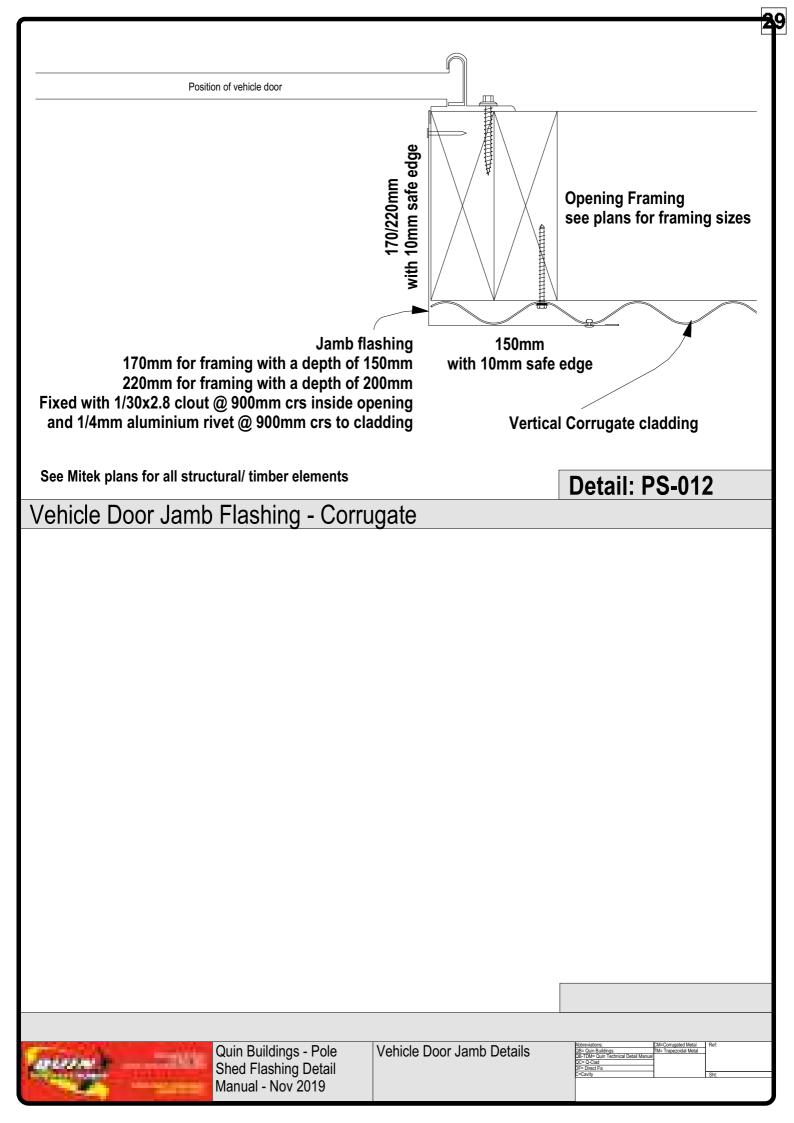
Door Opening Head Flashing



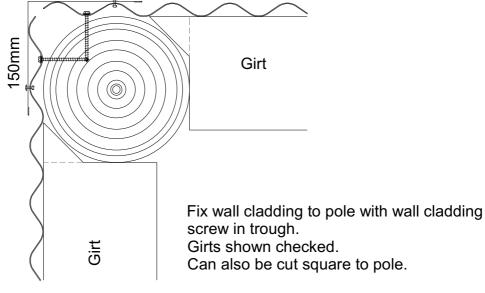
Quin Buildings - Pole Shed Flashing Detail Manual - Nov 2019

Base of Cladding- Base Boards

Divervations: DM-Corrugated Metal | Ref. |
B- Quille Dullings | TM- Trapezoddi Metal | Ref. |
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B- Trapez



150x150 Corner Flashing with
10mm safe edges
Fixed to cladding with
150mm
4.0mm Rivets at 900mm centres max.

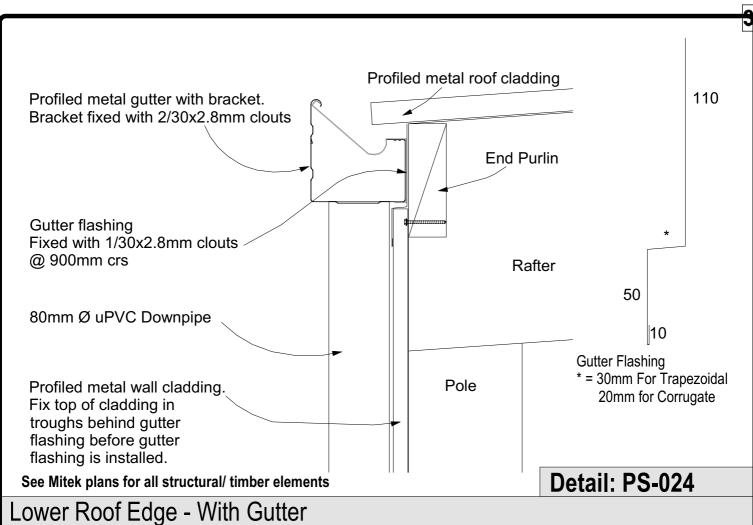


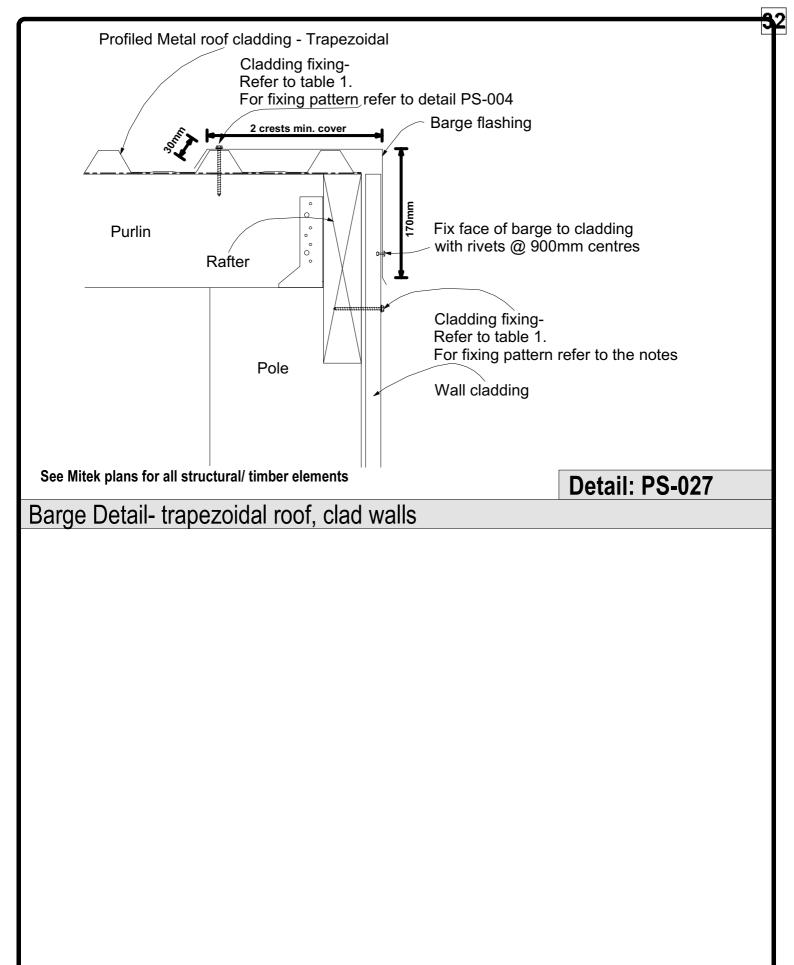
See Mitek plans for all structural/ timber elements

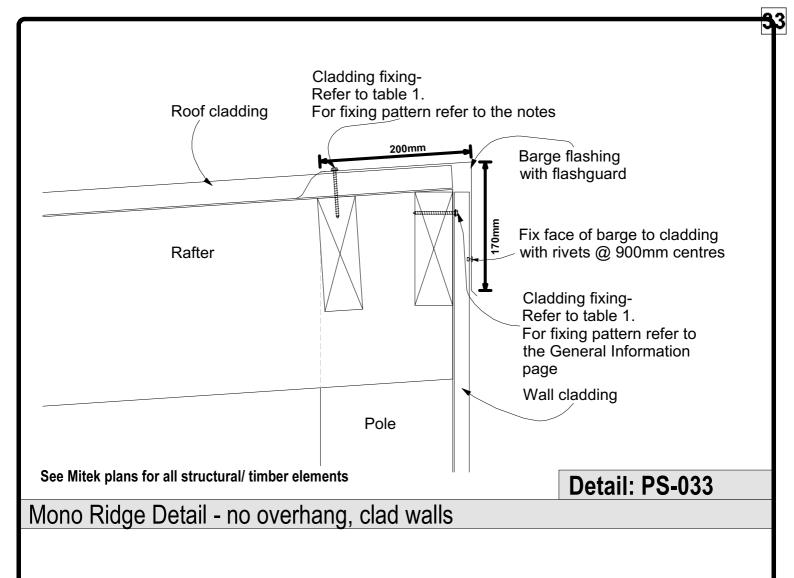
Detail: PS-016

Corner Flashing Detail - Corrugate, Clad both sides

reviations:	CM=Corrugated Metal	Ref:
Quin Buildings	TM= Trapezoidal Metal	
TDM= Quin Technical Detail Manual		
= Q-Clad		
Direct Fix		
Cavity		Sht:







gunu) ---

	CM=Corrugated Metal	Ref:
QB= Quin Buildings	TM= Trapezoidal Metal	
QB-TDM= Quin Technical Detail Manual		
QC= Q-Clad	1	
DF= Direct Fix	1	
C=Cavity	1	Sht:

Quins 125 Box gutter has a cross sectional area of 9577mm². The 125 Box gutter has a capacity of 88m² of roof area upto a 25° roof pitch.

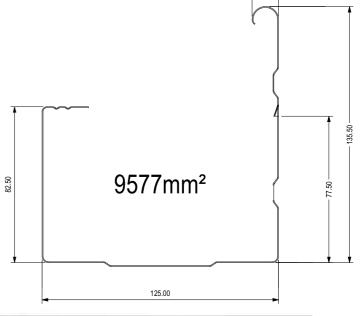
Maximum roof area for 125 Box gutter discharging to 1x80mm ØuPVC downpipe = 85m²)

Maximum roof area for 125 Box gutter discharging to 2x80mm ØuPVC downpipe = 170m²

Maximum roof area for 125 Box gutter discharging to 3x80mm ØuPVC downpipe = 255m²

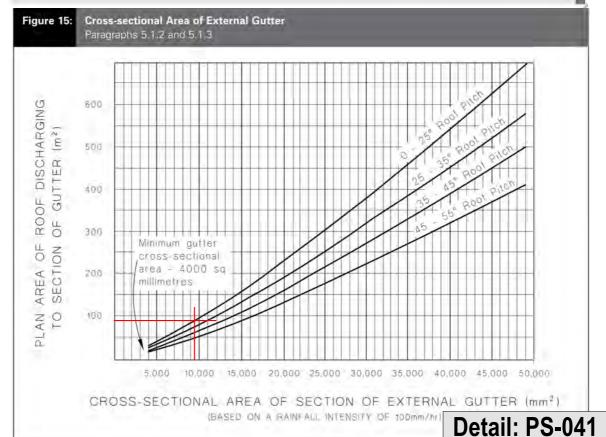
Maximum roof area for 125 Box gutter discharging to 4x80mm ØuPVC downpipe = 340m²

Maximum roof area for 125 Box gutter discharging to 5x80mm ØuPVC downpipe = 425m²



14.00





Quin Buildings - Pole Shed Flashing Detail Manual - Nov 2019

125 Gutter Capacity





CONSENT NOTICE PURSUANT TO SECTION 221 OF THE RESOURCE MANAGEMENT ACT 1991

IN THE MATTER OF A PLAN LODGED FOR DEPOSIT UNDER NUMBER 335543

AND RESOURCE CONSENT NO. RM 040013

(BEING THE SUBDIVISION OF PT SEC. 5 BLK II, KAITAWA S.D. and LOT 1 DP 62585),
AT 737 – 757 STATE HIGHWAY NO. 1, TE HORO FOR PRITCHARD GROUP LIMITED

The Regional Regulatory Titles Officer at Wellington

PURSUANT to Section 221 of the Resource Management Act 1991 the Kapiti Coast District Council hereby gives notice that it has consented to the subdivision and that the following conditions are to be complied with on a continuing basis:

- With respect to Lots 1, 2 and 4: Vehicular accesses to State Highway
 One from Lots 1, 2 and 4 must be via the Right of Way shown as "A" on
 DP335543. Any variation must be approved by both Transit New Zealand
 and the Kapiti Coast District Council.
- 2. With respect to Lots 1, 2 and 3: The following works shall take into account the findings contained within the report from Hamish Wells, Civil Engineer in relation to suitability for building, site effluent disposal and on site water supply for the "Proposed Subdivision of Faith Farm 757 SH1 Te Horo" dated 24.04.04 and submitted to Council in relation to application No. RM040013:
 - the installation and ongoing management of any on site wastewater system in a manner that ensures that any adverse effects on the environment from the operation of the system are minor;
 - the provision, maintenance and monitoring of any on site water supply system that provides a minimum storage capacity of 30000 litres or other minimum storage approved by the Subdivision Engineer in a manner that ensures that any adverse effects on the environment from the operation of the system are minor.

A copy of the above report is available on file RM040013 in Council's Resource Consents Office at any time the office is open to the public.

Kapiti Coast District Council

- 3. With respect to Lot 4: The following works shall take into account the findings contained within the report from Hamish Wells, Civil Engineer in relation to suitability for building, site effluent disposal and on site water supply for the "Proposed Subdivision of Faith Farm 757 SH1 Te Horo" dated 24.04.04 and submitted to Council in relation to application No. RM040013:
 - the foundation design and construction for any new building or additions and alterations to a building;
 - the installation and ongoing management of any on site wastewater system in a manner that ensures that any adverse effects on the environment from the operation of the system are minor;

Any on-site wastewater treatment and disposal system shall be designed, constructed and operated to meet the following performance criteria:

(i) It shall be designed with sufficient wastewater retention time to enable adequate treatment in relation to any constraints identified in the site investigation;

(ii) The wastewater shall be evenly distributed to the entire filtration surface of the disposal field;

(iii) The bottom of the wastewater disposal system shall be sufficiently above the groundwater at its highest level, in relation to any constraints identified in the site investigation, to prevent any contamination of groundwater;

(iv) The area available for on-site treatment shall be appropriate for the volume of the discharge and any constraints identified in the site investigation.

 the provision, maintenance and monitoring of any on site water supply system that provides a minimum storage capacity of 30000 litres or other minimum storage approved by the Subdivision Engineer in a manner that ensures that any adverse effects on the environment from the operation of the system are minor.

A copy of the above report is available on file RM040013 in Council's Resource Consents Office at any time the office is open to the public.

Issued in respect of application No. RM040013 on this 15th day of October 2004.

Wayne Gair

AUTHORISED OFFICER

Aidan Robinson

AUTHORISED OFFICER

Consent Notice DP 335543 page 2 of 2

RM040013 Kapiti Coast District Council

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CONSENT NOTICE PURSUANT TO SECTION 221 OF THE RESOURCE MANAGEMENT ACT 1991

IN THE MATTER OF A PLAN LODGED FOR DEPOSIT UNDER NUMBER 365855

AND RESOURCE CONSENT NO. RM 040393

(BEING THE SUBDIVISION OF LOT 4 DP 335543), AT DERHAM ROAD AND STATE HIGHWAY ONE, TE HORO FOR FAITH FARMS LIMITED

The Regional Regulatory Titles Officer at Wellington

1.5

.9)

PURSUANT to Section 221 of the Resource Management Act 1991 the Kapiti Coast District Council hereby gives notice that it has consented to the subdivision and that the following conditions are to be complied with on a continuing basis:

- 1. With respect to Lots 1 to 12, 25 and 28: The following works shall take into account the findings and recommendations within the Engineering Report prepared by Hamish Wells in relation to Faith Country Estate, Lots 1 to 12 and 25, submitted to Council in relation to application Number RM040393:
 - Foundation design and construction for any new building or additions and alterations to a building;
 - The installation and ongoing maintenance of any on-site wastewater treatment and disposal system, which shall be managed in a manner that ensures that any adverse effects on the environment are minor;
 - The provision, maintenance and monitoring of any water supply system
 that provides a minimum storage capacity of 30,000 litres. It is the
 ongoing responsibility of the owner to maintain and monitor the water
 supply so that any adverse effects on the environment are minor.

A copy of the engineering report is available in Council's Office at any time the office is open to the public.

- 2. With respect to Lots 1 to 12, 25, 28 and 29: Any habitable buildings constructed on any lot shall have their floor level no lower than the flood level arising from the 1 in 100 year flood event current at the time of building, as advised by Greater Wellington Regional Council.
- 3. With respect to Lots 4, 5 and 6: No part of any building or structure shall be located, or earthworks undertaken (except that work necessary to establish and maintain vegetation), within the following areas of the dominant dune landform (above 27.5 metres above mean sea level) identified on DP365855:
 - That part of Lot 4 shown as areas "F" and "G";
 - . That part of Lot 5 shown as area "E";
 - . That part of Lot 6 shown as areas "H" and "P".

Kapiti Coast District Council

- 4. With respect to Lots 3, 12 and 25: No part of any building or structure shall be located, or earthworks undertaken (except that work necessary to establish and maintain vegetation), within the following areas of the dominant dune landform (above 32.5 metres above mean sea level) identified on DP365855:
 - That part of Lot 3 shown as areas "!" and "J";
 - That part of Lot 12 shown as area "O";
 - That part of Lot 25 shown as areas "K" and "L".

5. With respect to Lot 28:

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- (1) It shall be the ongoing responsibility of the owners of Lot 28 to maintain a 7 wire post and batten fence to a standard to prevent stock from entering the area shown as "A" on DP365855 (the wetland area) at all times.
- (2) It shall be the ongoing responsibility of the owners of Lot 28 to control environmental weeds which are referred to in the Regional Pest Management Strategy within the area shown as "A" on DP365855 (the wetland area).
- (3) Within the area shown as "A" on DP365855 (the wetland area) the following activities shall be prohibited:
 - all buildings and structures;
 - · all stock;
 - vehicles;
 - fire or any device or activity which could result in a fire;
 - earthworks (except for earthworks necessary to construct and maintain the fence required by condition 49);
 - the damage, removal, destruction, felling of any indigenous vegetation <u>unless</u> the species involved are identified by the Department of Conservation, the QEII National Trust, or Greater Wellington Regional Council as being an ecological threat to the site, and its removal is recommended by one of these authorities as a necessary part of the successful ongoing management of the site.

6. With respect to Lot 7:

- a) Buildings and structures, or any part of a building or structure located to the south of Tower 230 of the Bunnythorpe-Haywards A transmission line, must not be located within 11 metres vertically and 22.5 metres horizontally of the conductors on the Bunnythorpe-Haywards A transmission line. Please note that the distances specified must include an allowance for climatic conditions (i.e. maximum conductor swing and sag).
- b) Buildings and structures, or any part of a building or structure located to the north of Tower 230 of the Bunnythorpe–Haywards A transmission line, require engineering advice to determine the minimum safe distances from transmission line conductors.
 - Prior to construction, the consent holder must submit to the Kapiti Coast District Council (and a copy to Transpower) a certificate from a suitably qualified electrical engineer confirming that any building or structure on Lot 7 complies with the minimum safe distances from the Bunnythorpe—Haywards A line as specified in Table 3 of the NZECP 34:2001.
- c) Buildings and structures, or any part of a building or structure must not be located within 11 metres vertically and 22.5 metres horizontally of the conductors on the Bunnythorpe–Haywards B transmission line. Please

page 2 of 4

note that the distances specified must include an allowance for climatic conditions (i.e. maximum conductor swing and sag).

Where any part of a building or structure needs to be constructed within these restricted areas, the consent holder must submit to the Kapiti Coast District Council (and a copy to Transpower) a certificate from a suitably qualified electrical engineer confirming that the buildings or structures comply with the minimum safe distances specified in Table 3 of the NZECP 34:2001.

Where any part of a building or structure needs to be constructed within this restricted area, the consent holder must submit to the Kapiti Coast District Council (and a copy to Transpower) a certificate from a suitably qualified electrical engineer confirming that the buildings or structures comply with the minimum safe distances specified in Table 3 of the NZECP 34:2001.

7. With respect to Lot 8:

DP365855

- a) Buildings and structures, or any part of a building or structure located to the south of Tower 229 of the Bunnythorpe–Haywards A transmission line, require engineering advice to determine the minimum safe distances from transmission line conductors.
 - Prior to construction, the consent holder must submit to the Kapiti Coast District Council (and a copy to Transpower) a certificate from a suitably qualified electrical engineer confirming that any building or structure on Lot 8 complies with the minimum safe distances from the Bunnythorpe—Haywards A transmission line as specified in Table 3 of the NZECP 34:2001.
- b) Buildings and structures, or any part of a building or structure located to the north of Tower 229 of the Bunnythorpe–Haywards A transmission line, must not be located within 11 metres vertically and 22.5 metres horizontally of the conductors on the Bunnythorpe–Haywards A transmission line. Please note that the distances specified must include an allowance for climatic conditions (i.e. maximum conductor swing and sag).
- c) Buildings and structures, or any part of a building or structure located to the south of Tower 217 of the Bunnythorpe–Haywards B transmission line, must not be located within 11 metres vertically and 22.5 metres horizontally of the conductors on the Bunnythorpe Haywards B transmission line. Please note that the distances specified must include an allowance for climatic conditions (i.e. maximum conductor swing and sag).
- d) Buildings and structures, or any part of a building or structure located to the north of Tower 217 of the Bunnythorpe—Haywards B transmission line, require engineering advice to determine the minimum safe distances from transmission line conductors.
 - Prior to construction, the consent holder must submit to the Kapiti Coast District Council (and a copy to Transpower) a certificate from a suitably qualified electrical engineer confirming that any building or structure on Lot 8 complies with the minimum safe distances from the Bunnythorpe—Haywards A line as specified in Table 3 of the NZECP 34:2001.

Where any part of a building or structure needs to be constructed within this restricted area, the consent holder must submit to the Kapiti Coast District Council (and a copy to Transpower) a certificate from a suitably qualified electrical engineer confirming that the buildings or structures comply with the minimum safe distances specified in Table 3 of the NZECP 34:2001.

page 3 of 4

Consent Notice (Kapiti Coast District Council - RM040393)

41

8. With respect to Lots 7 and 8:

Buildings or any part of a building must not be located within 12 metres of the closest visible edge of any high voltage transmission line support structure foundation.

All machinery and mobile plant operated on the land must maintain a minimum clearance distance of 4 metres from the transmission line conductors at all times.

All buildings, structures and vegetation located on Lots 7 & 8 must not be located to preclude existing 4-wheel drive access to the existing support towers on these lots.

In the case of any tower supporting any conductor no person may excavate or otherwise interfere with any land:

- a) at a depth greater than 300mm within 6 metres of the tower; or
- at a depth greater than 3 metres between 6 metres and 12 metres of the outer edge of the visible foundation of the tower; or
- c) in such as way as to create an unstable batter.

Excavated or other material shall not be stockpiled or deposited under or near the Bunnythorpe—Haywards A and Bunnythorpe—Haywards B transmission lines so as to reduce the vertical distance from the ground to the conductors to a distance less than:

- 7.5 metres vertically, across or along roads or driveways or on any other land traversable by vehicles;
- 6.0 metres vertically, on any land not traversable by vehicles due to inaccessibility; and
- c) 4.5 metres in any distance other than vertical on all land.

The consent holder must ensure that the discharge of dust created on the subject site does not create any dust hazard or nuisance to the Bunnythorpe–Haywards A and Bunnythorpe–Haywards B high voltage transmission lines.

Prior to the commencement of the activity on the site, the consent holder must submit a Dust Management Plan for the activity for the approval of the Consents Manager, Kapiti Coast District Council. In particular, the Dust Management Plan shall specify the potential dust sources and the mitigation measures to be undertaken to minimise dust in order to protect the existing Bunnythorpe—Haywards A and Bunnythorpe—Haywards B 220kV high voltage transmission lines. The approved plan must subsequently be complied with.

Issued in respect of application No. RM 040393 on this 9th day of May, 2006.

Wayne Gair

AUTHORISED OFFICER

Mike Mackiggan

AUTHORISED OFFICER

Kapiti Coast District Council Private Bag 601 Paraparaumu 5254

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IN THE MATTER OF A PLAN LODGED FOR DEPOSIT UNDER NUMBER 405220 AND RESOURCE CONSENT NO. RM040393

THE RESOURCE MANAGEMENT ACT 1991

CONSENT NOTICE

PURSUANT TO SECTION 221 OF

(BEING THE SUBDIVISION OF LOT 29 DP 394017). AT DERHAM ROAD, TE HORO FOR PRITCHARD GROUP LTD

CONO 7901901.2 Consen Cpy - 01/01, Pgs - 002, 07/08/08, 12:11



The Regional Regulatory Titles Officer at Wellington

PURSUANT to Section 221 of the Resource Management Act 1991 the Kapiti Coast District Council hereby gives notice that it has consented to the subdivision and in respect to Lots 13 to 22 and Lot 24 the following conditions are to be complied with on a continuing basis:

- With respect to Lots 13 to 22 and Lot 24: The following works shall take into account the findings and recommendations within the Report prepared by Hamish Wells in relation to Faith Country Estate, Lots 13-24. submitted to Council in relation to application Number RM040393:
 - Foundation design and construction for any new building or (a) additions and alterations to a building;
 - (b) The installation and ongoing maintenance of any on-site wastewater treatment and disposal system, which shall be managed in a manner that ensures that any adverse effects on the environment are minor:
 - The provision, maintenance and monitoring of any water supply (c) system that provides a minimum storage capacity of 30,000 litres. It is the ongoing responsibility of the owner to maintain and monitor the water supply so that any adverse effects on the environment are minor.

A copy of the report is available in Council's Office at any time the office is open to the public.

- With respect to Lots 13 to 22 and Lot 24: Any habitable buildings constructed on this lot shall have their floor level no lower than the flood level arising from the 1 in 100 year flood event current at the time of building, as advised by Greater Wellington Regional Council.
- 3. With respect to Lots 13, 14 15 and 24: No part of any building or structure shall be located, or earthworks undertaken (except that work necessary to establish and maintain vegetation), within the following areas of the dominant dune landform identified on DP 405220:
 - (a) That part of Lot 15 shown as area "H" (above 27.5 metres above mean sea level):
 - (b) Those parts of Lot 14 shown as areas "I" and "J" (above 32.5 metres above mean sea level):

... delivering on the community's plan

KAPITI COAST Mehuri Whakamuri, ka titiro Whakamua

- (c) That part of Lot 13 shown as area "K" (above 32.5 metres above mean sea level).
- (d) That part of Lot 24 shown as area "M" (above 32.5 metres above mean sea level).
- 4. With respect to Lot 24 and in particular that part of Lot 24 shown as area "L" on DP 405220:
 - (a) It shall be the ongoing responsibility of the owners of Lot 24 to maintain a 7 wire post and batten fence to a standard to prevent stock from entering the wetland area shown as "L" on DP 404220 at all times;
 - (b) It shall be the ongoing responsibility of the owners of Lot 24 to control environmental weeds which are referred to in the Regional Pest Management Strategy within the wetland area;
 - (c) Within the area shown as "L" on DP 405220 (the wetland area) the following activities shall be prohibited:
 - all buildings and structures;
 - all stock;
 - vehicles:
 - · fire or any device or activity which could result in a fire;
 - earthworks (except for earthworks necessary to construct and maintain the fence referred to in Condition 4(a) above;
 - the damage, removal, destruction, felling of any indigenous vegetation unless the species involved are identified by the Department of Conservation, the QEII National Trust, or Greater Wellington Regional Council as being an ecological threat to the site, and its removal is recommended by one of these authorities as a necessary part of the successful ongoing management of the site.
- 5. With respect to Lots 16, 17, 20 and 22: It shall be the ongoing responsibility of the owners of these lots to maintain the planting in accordance with the approved planting plan labelled 'Mission Estate Landscape Plan to meet the requirements of Condition 52' submitted to Council in relation to application Number RM040393. A copy of the report is available in Council's Office at any time the office is open to the public.

Issued in respect of application No. RM040393 on this 18th day of June 2008.

Dean Philip Raymond AUTHORISED OFFICER David Wayne Gair AUTHORISED OFFICER

CHECKSHEET FOR APPLICATION FOR DISCRETIONARY EXEMPTION



Schedule 1, Part 1, Section 2 of the Building Act 2004

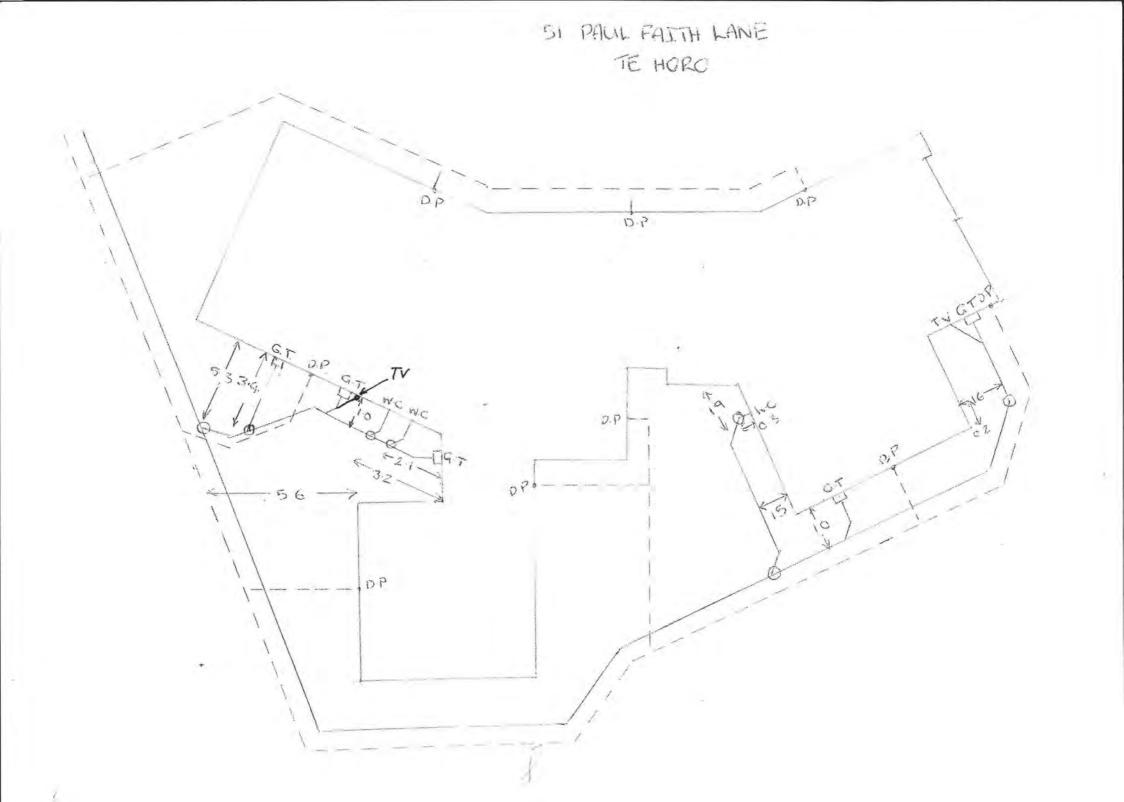
Address of Project:	51	Paul	Faith	Line.	Tettos	

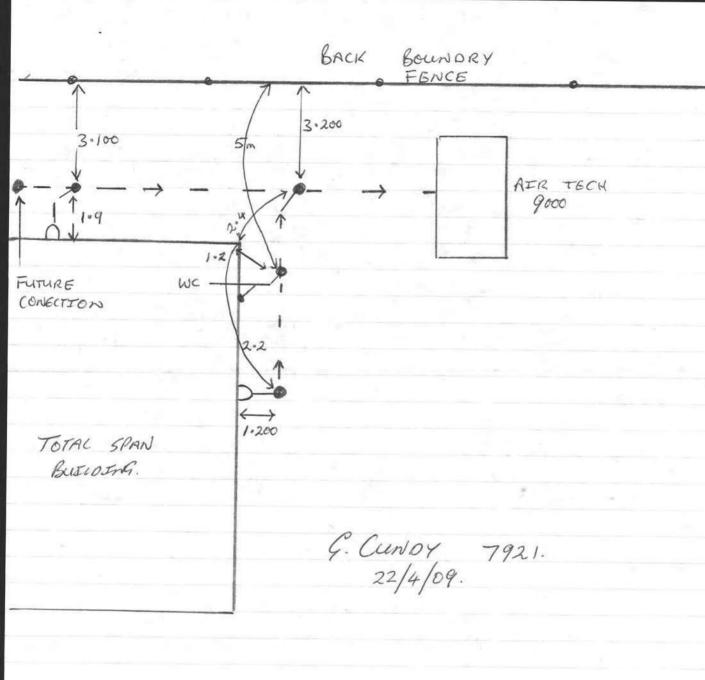
Once you have attached all the required information to your application, please check for completeness as an incomplete application or lack of any support information will mean that your application cannot be accepted for processing.

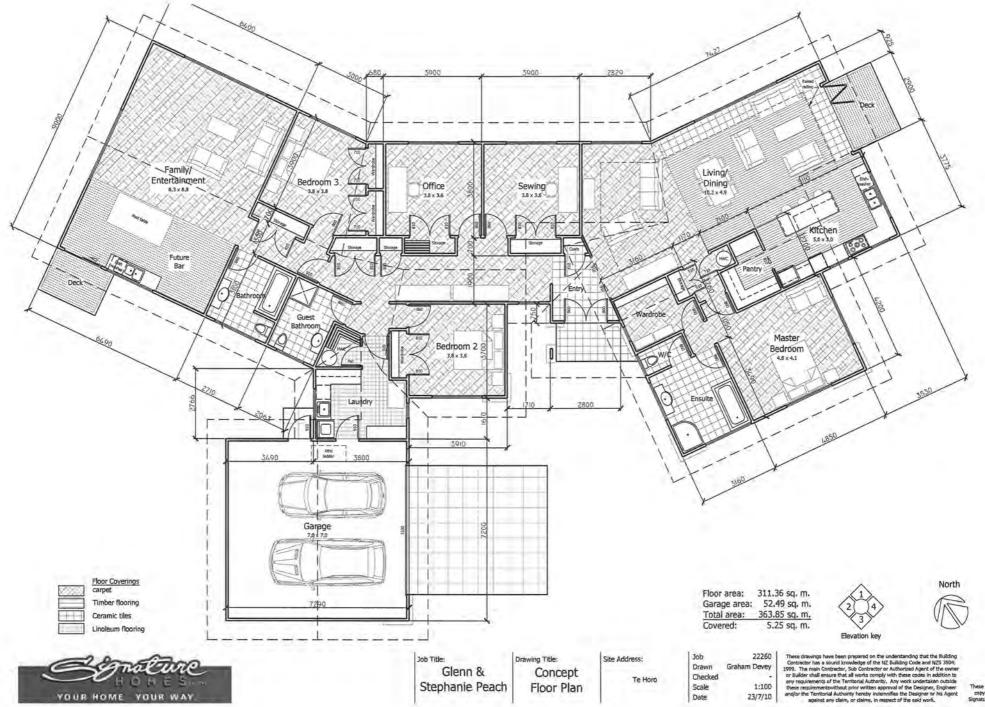
Customer Use			For Office Use Only
9	а	Schedule 1, Part 1, Section 2 Form (1 copy) Completed and signed by the owner.	
9/	b	Proof of ownership (1 copy) One recent copy of current certificate/s of title (i.e. not older than 3 months) or where applicable one copy of purchase agreement (if recently purchased) or one copy of relevant portions of current lease.	
0/	С	Locality plan (1:500) showing: Physical location of the subject building in relation to streets or landmarks, north point, name of Building and lot and DP number.	
P	d	Plans, specifications and engineers design (if applicable) Ensure enough information is provided to clearly demonstrate compliance with the New Zealand Building Act and Code.	
	е	Application fee Applications will not be accepted without payment of the appropriate fees. Fees payable are set out on the application form.	

For office use only Received on the grounds that all information appears to have been provided to enable assessment for compliance in accordance with the Building Act 2004 and the NZ Building Code.

Name:	Signature:
Date:	







Floor Plan

YOUR HOME YOUR WAY

Scale

Date

1:100

23/7/10

These plans are copyright of