Permit Number / Project:_	Wind Spe	ed:	_mph

	BRACED WAL	L LINE										
STORY			A É									
Т.ДГ.	BWL SPACING											
Т	ABULAR REQUIRED)										
	EXPOSURE		х		х	х		х		х		
	EAVE-RIDGE H	IT	х		х		х		х		х	
MEN	WALL HEIGHT	Γ	х		х		х		х		х	
ADJUSTMENT	# BWLs 2 = 1.0 3 = 1 4 = 1.45 ≥ 5 = 1.6		x		x		х		х		х	
	OMIT INTERIOR (factor = 1.4	GB	х		х		х		х		х	
	GB @ 4" o.c factor = 0.7		х		x		x		х		х	
RE	QUIRED BWP LENG	тн										
	CONTRIBUTING LENGTH	BWP	METHOD	LENGTH								
		1										
Q.		2		+		+		+		+		+
ACTUAL BWP		3		+		+		+		+		+
СТОА		4		+		+		+		+		+
∢		5		+		+		+		+		+
		6		+		+		+		+		+
		7		+		+		+		+		+
A	CTUAL BWP LENGTI	Н										
ACTUAL ≥ REQUIRED		Y	- N	Y - N		Y - N		Y - N		Y - N		
SPACE	PACE BWPs ≤ 20' APART		Y - N	N - NA	Y - N	l - NA	Y - N - NA		Y - N - NA		Y - N - NA	
# of	Length of BWL ((ft)										
BWPs	BWP 1 ≤ 16', 2 > 16'		Y	- N	Y	- N	Y	- N	Y	- N	Y	- N
ENDO	BWP WITHIN 1 OF END		Y - N	Y - N	Y - N	Y - N	Y - N	Y - N	Y - N	Y - N	Y - N	Y - N
ENDS	CONTINUOUS END CONDITION		1 2 3 4 5									
	BWL COMPLIANCE		Pass	Fail								

SPACING LIB not permitted in prescott GS - GS - FF	2018 IRC CODES: TABLE R602.10.3(1) BRACING REQUIRED BASED ON WIND SPEED							
SHAPH SPACING LiB not permitted in prescott PBS, PCP, HPS, BV-WSP, ABW, PFH, PFC,CS-SFB 10 3.5 2.0 2.0 20 6.5 3.5 3.5 30 9.5 5.5 4.5 40 12.5 7.0 6.0 50 15.0 9.0 7.5 60 18.0 10.5 9.0 10 7.0 4.0 3.5 20 12.5 7.5 6.5 30 18.0 10.5 9.0 40 23.5 13.5 11.5 50 29.0 16.5 14.0 60 34.5 20.0 17.0 10 10.0 6.0 5.0 20 18.5 11.0 9.0 30 27.0 15.5 13.0 40 35.0 20.0 17.0 50 43.0 24.5 21.0 50 10 10.0 5.0 50 43.0 24.5 21.0 50 20 17.0 50 43.0 24.5 21.0 50 20 17.0 50 43.0 24.5 21.0 50 20 17.0 50 43.0 24.5 21.0 50 20 20 24.5 21.0 50 20 24.5 21.0 50 20 24.5 21.0 50 20 24.5 21.0 50 20 24.5 21.0 50 20 20 24.5 21.0 50 20 24.5 21.0 50 20 24.5 21.0 50 20 24.5 21.0 50 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 24.5 21.0 50 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 24.5 21.0 50 20 20 20 20 50 20 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20 50 20 20 20	Minimum total length of braced wall panels							
20 6.5 3.5 3.5 30 9.5 5.5 4.5 40 12.5 7.0 6.0 50 15.0 9.0 7.5 60 18.0 10.5 9.0 10 7.0 4.0 3.5 20 12.5 7.5 6.5 30 18.0 10.5 9.0 40 23.5 13.5 11.5 50 29.0 16.5 14.0 60 34.5 20.0 17.0 10 10.0 6.0 5.0 20 18.5 11.0 9.0 30 27.0 15.5 13.0 40 35.0 20.0 17.0 50 43.0 24.5 21.0	≤115 MPH		LIB not permitted in		DWB, WSP, SFB, PBS, PCP, HPS, BV- WSP, ABW, PFH,	CS-G,		
30 9.5 5.5 4.5 40 12.5 7.0 6.0 50 15.0 9.0 7.5 60 18.0 10.5 9.0 10 7.0 4.0 3.5 20 12.5 7.5 6.5 30 18.0 10.5 9.0 40 23.5 13.5 11.5 50 29.0 16.5 14.0 60 34.5 20.0 17.0 10 10.0 6.0 5.0 20 18.5 11.0 9.0 30 27.0 15.5 13.0 40 35.0 20.0 17.0 50 43.0 24.5 21.0		10		3.5	2.0	2.0		
40 12.5 7.0 6.0 50 15.0 9.0 7.5 60 18.0 10.5 9.0 10 7.0 4.0 3.5 20 12.5 7.5 6.5 30 18.0 10.5 9.0 40 23.5 13.5 11.5 50 29.0 16.5 14.0 60 34.5 20.0 17.0 10 10.0 6.0 5.0 20 18.5 11.0 9.0 30 27.0 15.5 13.0 40 35.0 20.0 17.0 50 43.0 24.5 21.0	\wedge	20		6.5	3.5	3.5		
50 15.0 9.0 7.5 60 18.0 10.5 9.0 10 7.0 4.0 3.5 20 12.5 7.5 6.5 30 18.0 10.5 9.0 40 23.5 13.5 11.5 50 29.0 16.5 14.0 60 34.5 20.0 17.0 10 10.0 6.0 5.0 20 18.5 11.0 9.0 30 27.0 15.5 13.0 40 35.0 20.0 17.0 50 43.0 24.5 21.0	\wedge	30		9.5	5.5	4.5		
60 18.0 10.5 9.0 10 7.0 4.0 3.5 20 12.5 7.5 6.5 30 18.0 10.5 9.0 40 23.5 13.5 11.5 50 29.0 16.5 14.0 60 34.5 20.0 17.0 10 10.0 6.0 5.0 20 18.5 11.0 9.0 30 27.0 15.5 13.0 40 35.0 20.0 17.0 50 43.0 24.5 21.0	$\triangle \square \square$	40		12.5	7.0	6.0		
10 7.0 4.0 3.5 20 12.5 7.5 6.5 30 18.0 10.5 9.0 40 23.5 13.5 11.5 50 29.0 16.5 14.0 60 34.5 20.0 17.0 10 10.0 6.0 5.0 20 18.5 11.0 9.0 30 27.0 15.5 13.0 40 35.0 20.0 17.0 50 43.0 24.5 21.0		50		15.0	9.0	7.5		
20 12.5 7.5 6.5 30 18.0 10.5 9.0 40 23.5 13.5 11.5 50 29.0 16.5 14.0 60 34.5 20.0 17.0 10 10.0 6.0 5.0 20 18.5 11.0 9.0 30 27.0 15.5 13.0 40 35.0 20.0 17.0 50 43.0 24.5 21.0		60		18.0	10.5	9.0		
30	2000	10		7.0	4.0	3.5		
40 23.5 13.5 11.5 50 29.0 16.5 14.0 60 34.5 20.0 17.0 10 10.0 6.0 5.0 20 18.5 11.0 9.0 30 27.0 15.5 13.0 40 35.0 20.0 17.0 50 43.0 24.5 21.0		20		12.5	7.5	6.5		
50 29.0 16.5 14.0 60 34.5 20.0 17.0 10 10.0 6.0 5.0 20 18.5 11.0 9.0 30 27.0 15.5 13.0 40 35.0 20.0 17.0 50 43.0 24.5 21.0	\triangle	30		18.0	10.5	9.0		
60 34.5 20.0 17.0 10 10.0 6.0 5.0 20 18.5 11.0 9.0 30 27.0 15.5 13.0 40 35.0 20.0 17.0 50 43.0 24.5 21.0		40		23.5	13.5	11.5		
10 10.0 6.0 5.0 20 18.5 11.0 9.0 30 27.0 15.5 13.0 40 35.0 20.0 17.0 50 43.0 24.5 21.0		50		29.0	16.5	14.0		
20 18.5 11.0 9.0 30 27.0 15.5 13.0 40 35.0 20.0 17.0 50 43.0 24.5 21.0	597 460 586	60		34.5	20.0	17.0		
30 27.0 15.5 13.0 40 35.0 20.0 17.0 50 43.0 24.5 21.0	^	10		10.0	6.0	5.0		
40 35.0 20.0 17.0 50 43.0 24.5 21.0	\hookrightarrow	20		18.5	11.0	9.0		
50 43.0 24.5 21.0	\vdash	30		27.0	15.5	13.0		
	\vdash	40		35.0	20.0	17.0		
60 510 290 250		50		43.0	24.5	21.0		
01.0 20.0 20.0		60		51.0	29.0	25.0		

Fo	otr	ote	s:	
la.	Lir	nea	r i	r

				T ootholes.
TABLE R602	.10.3(2) WIND ADJUSTMEN	T FACTORS	1	 a. Linear interpolation allowed
Adjustment	Story/Supporting	Cond.	Factor ^{a,b}	
	_	В	1.00	
	One-story structure	С	1.20	
	ou dotairo	D	1.50	
		В	1.00	
Exposure Category	Two-story structure	С	1.30	
		D	1.60	
		В	1.00	Footnotes:
	Three-story structure	С	1.40	a. Linear interpolation allowed
		D	1.70	b. Use actual provided it is ≥ min. leng
		≤5 ft	0.70	c. Max header height is 10', however it may be increased to 12' wit
	Roof only	10 ft	1.00	pony wall per Table R602.10.6.4
	1001 Only		1.30	
		20 ft	1.60	
		≤5 ft	0.85	
Roof Eave-to-Ridge		10 ft	1.00	Footnotes:
Height Adjustment		15 ft	1.15	a. Linear interpolation is permitted
			1.30	b. Total adjustment factor is the product of all appliable adjustment
		≤5 ft	0.90	factors
	Roof + 2 floors		1.00	SEE ADDITIONAL ADJUSTMENT FACTORS IN BOOK
	1001 / 2 110013	15 ft	1.10	
			NP	N .
		8 ft	0.90	SPACE SPACE
	ight Adjustment Any story		0.95	
Wall Height Adjustment			1.00	
			1.05	RETURN PAMEL————————————————————————————————————
		12 ft	1.10	END CONT
			•	

Footnotes:
a. Linear interpolation allowed
b. Use actual provided it is ≥ min. length
c. Max header height is 10', however it may be increased to 12' with pony wall per Table R602.10.6.4

метнор		MINIMUM LENGTH (in) ^a					Contributing Credit Length (in)	
		Wall Height (ft)						
			8 ft	9 ft	10 ft	11 ft	12 ft	
DWG, V	WSP, SFE	B, PBS, PCP, HPS, BV-WSP	48 in	48 in	48 in	53 in	58 in	Actual ^b
		GB	48 in	48 in	48 in	53 in	58 in	Double sided = Actual
		ОВ	40 111	40 111	40 111	33 111	30 111	Single sided = .5 x actual
		LIB	55 in	62 in	69 in	NP	NP	Actual ^b
		ABW	28 in	32 in	34 in	38 in	42 in	48 in
PFH		Support in roof only	16 in	16 in	16 in	18 in ^c	20 in ^c	48 in
	S	upporting roof + 1 story	24 in	24 in	24 in	27 in ^c	29 in ^c	48 in
		PFG	24 in	27 in	30 in	33 in ^c	36 in ^c	1.5 x actual ^b
		CS-G	24 in	27 in	30 in	33 in	36 in	Actual ^b
		CS-PF	16 in	18 in	20 in	22 in ^c	24 in ^c	Actual ^b
		Adjacent Opening Height						
		≤ 64 in	24 in	27 in	30 in	33 in	36 in	
		68 in	26 in	27 in	30 in	33 in	36 in	
		72 in	27 in	27 in	30 in	33 in	36 in	
		76 in	30 in	29 in	30 in	33 in	36 in	
		80 in	32 in	30 in	30 in	33 in	36 in	
		84 in	35 in	32 in	32 in	33 in	36 in	
		88 in	38 in	35 in	33 in	33 in	36 in	
		92 in	43 in	37 in	35 in	35 in	36 in	
		96 in	48 in	41 in	38 in	36 in	36 in	
CS-\	NSP	100 in		44 in	40 in	38 in	38 in	
CS-	SFB	104 in		49 in	43 in	40 in	39 in	Actual ^b
		108 in		54 in	46 in	43 in	41 in	
		112 in			50 in	45 in	43 in	
		116 in			55 in	48 in	45 in	
	120 in			60 in	52 in	48 in		
	124 in				56 in	51 in		
	128 in				61 in	54 in		
	132 in				66 in	58 in		
	136 in					62 in		
		140 in					66 in	
		144 in					72 in	

TABLE R602.10.5 MINIMUM LENGTH OF BRACED WALL PANELS

TABLE R602.10.5.2 PARTIAL CREDIT FOR BRACED WALL PANELS LESS THAN 48 INCHES IN ACTUAL LENGTH^a

PAINELS LESS THAIN 40 INCHES IN ACTUAL LENGTH								
Actual Length of	Contributing Length of BWP							
Braced Wall Panel (in)	8 ft wall height	9 ft wall height						
48	48	48						
42	36	36						
36	27	NA						

a. Linear interpolation is permitted

Footnotes:





