







East Elevation



West Elevation



















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Highest Ridge  

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## Contact your local municipality to find out what type of architectura and engineering plans th may require.

Building Cades Division	Prescriptive Wall Bracing Calculator - Wind Wind Adjustment Factors: 2017 ORSC Table R602.10.3(2)
Job Name: Job Address Check which floor this applies to: 1st floor: <u>x</u> Eave to Ridge Height: 4' Wall Height	2nd Noor:Number of Stories. 2 Seismic Zone. D1 t: 8 Wind Speed: 120 Wind Exposure: B
<u>Wall line ID (indicate wall line ID's on plans)</u> Wind Exposure Category Factor (item 1) Roof Eave to Rodge Height Factor (item 2) Wall Height Adjustmont Factor (item 3) Number of Braced Wall Lines Factor (item 3) Additional 803-Pound Hold-Down Device Factor (item 5) Internor Oppsum Board Frish Factor (item 7) Gypsum Board Frish Factor (item 7) Total Wind Adjustment Factor	1         1 <th1< th=""> <th1< th=""> <th1< th=""> <th1< th=""></th1<></th1<></th1<></th1<>
Broost Wall         Brasing Method         Brasing Line         Brasing Method         Brasing Line         Req4 Brasing Pair Table R802 (0.3(1)         Total Wind ADJ Facel R802 (0.3(1)           1         WSP         14.25         8         1.147           2         GB         14.25         14         1.147           3         WSP         14.25         8         1.147           4         0         0         0.000         0           5         0         8         0.000           7         9         GB         15.333         8         1.279           C         QB         15.333         14         1.279           D         WSP         15.333         6         1.279           0         WSP         15.333         6         1.279	Bracing Length         Pttp/ded         FA/L           9.17         23.666         PisSS           16.05         18.33         PiSSS           9.17         23.666         PiSSS           9.17         23.666         PiSSS           9.17         23.666         PiSSS           0.00         0.00         0.00           10.00         10.00         10.00           117.90         12.5         PiSSS           117.90         19.75         PiASS           10.02         15.75         PiASS
1535 Edgewater St. NW, Sa	perform of Consumer and Business Services & State of Oregon alem: (DR 97333 + 910). Box 144711. Salem: (DR 973194-0404 133 + Fax: 503-878-2222 + bed-aregon.gov
Job Name: Dick Mich floor this applies to: Eave to Ridge Height: <u>4'</u> Wall Heigh	Prescriptive Wall Bracing Calculator - Wind Wind Adjustment Factors: 2017 ORSC Table R602.10.3(2)
Wall line ID (indicate wall line ID's on plans Wind Exposure Category Factor (dam 1 Roof Eave to Ridge Height Factor (dem 1 Wail Height Adjustment Factor (dem 1 Number of Braced Wall Lines Factor (line 4 Additional 800-Pound Heigh-Down Device Factor (line 4 Interior Gyptum Board Finsth Factor (dem 1 Gyptum Board Fastening Factor (dem 2	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Braces         Braces         Braces         Braces         Braces         Braces         Braces         Pair Table Pair Table Pair Table         Table ADJ Fact Bio 13,1666         Table ADJ Fact Pair Table           1         WSP         13,1666         4         9,803           2         GB         13,1666         7         0,803           3         WSP         13,1666         8         0,803           4         0,000         5         0         0,000           A         WSP         16,26         4         0,895           B         G8         16,25         7         0,895           C         WSP         16,25         4         0,895	Tabal Required Diracing Length         Length Phoses         PASS or FAIL         Notes           3.21         18.4166         PASS            5.52         2.7.666         PASS            0.00         0.00             3.58         0.5         PASS            6.27         17.1         PASS
	3.58 10.0833 PASS 0.00

## Job Addre Check which floor this applies to: Wind Speed: 120 Wind Exp: 1st floor: x B Wall Ht: 8 Wall line ID (indicate wall line ID's on plans): 1 Story Height Factor (item 1) 5 Brace Wall Line Spacing Factor (item 2 or 3): 1 Wall Dead Load Factor (item 4): 1 RootiCelling Dead Load Factor (item 5): 1 Interior Gypoun Board Factor (item 6): 1 Interior Gypoun Board Factor (item 6): 1.5 Cripple Wall Factor (R602, 10, 11): 1 Total Seismic Adjustment Factor: Braced Wall Part Bracel Per T Total Cine Length Rest 2013/1 ar 1 Setemic ADJ Risc 1015 Tector Braced Wall Line Bracing Method 39.666 39.666 GB 1.500 WSP 39.666 0.000 P 25.75 GB 25.75 25.75 1.500

Building Codes Division + Department of Consumer and Business Services + State of Oregion (535 Edgewater St. NW, Salem, OR 97304 + P.O. Barc 14470, Salem, OR 9730940404 503-378-4135 • Fax: 503-378-2322 + bcd.oregon.gov

0.000



Prescriptive Wall Bracing Calculator - Seisn Seismic Adustment Factors: 2017 ORSC Table R602.10.3(4 (This form applies to detached structures in SDC D , & D ; & Townhouses in SDC (



 Wall line ID (indicate wall line ID's on plans):
 1

 Story Height Factor (item 1)
 1

 Brace Wall Line Spacing Factor (item 2 or 3)
 5

 Wall Data Load Factor (item 4)
 1

 Rodif Caling Dead Load Factor (item 4)
 1

 Store or Massony Veneer Factor (item 6)
 1.1

 Store Gypsum Board Factor (item 7)
 1.5

 Cripple Wall Factor (R802.10.11)
 1

 Interior Cripple Wall Factor (R802.10.11.1)
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 Total Selsmic Adjustment Factor:
 1.480 (1400)

Braiced Wall Lime	Bracing Memoor	Braced Wall Line Length	Req 3 Brecing Per 1 REAZ ID:3(3) or T- REAZ ID:5 5	Total Seismic ADJ Factor	Total Required Bracing Length	Length Provided	PASS of FAIL
1	WSP	39.666	6	1.650	9.90	23.666	PAGS
2	GB	39.666	9	1.650	14.85	18.33	PASS
3	WSP	39.666	5	1.660	9.90	23 666	PASS
4				0.000	0.00		
5				0.000	0.00	1.1.1.1	1
- A - 1	WSP	25.75	6	1.650	9.90	10.333	PASS
B	GB	25.75	9	1.650	14.85	15.916	PASS
C	WSP	25.75	ő	1.650	9.90	10.5	PASS
D				1.650	0.00		
E				0.000	0.00		

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## Prescriptive Wall Bracing Calculator - Seisn

Seismic Adustment Factors: 2017 ORSC Table R602.10.3(4 (This form applies to detached structures in SDC D , & D , & Townhouses in SDC (

2	nd floor:	Wall DL	Number of Stories; 2 Selsmic Zon 15 RooffCeiling DL for wall supportin						
_						B			
-	4	- 3		5	- A	D			
	- 1 -	t			1	1	1	1	
	1	1.1.1		1	1	1	1	1	
1.1	1	1	1		1	1.	1	1	
line	1	1			1	1	1	1	
1	1	1			1	1	1	1	
5	1.5	1.5			1.5	1,5	1.5	1.5	
	1	1	-		1	1	1	1	
	1	1	1		1	1	1	1	
00	1.500	1,500	0.000	0.000	1,500	1.500	1.500	1,300	

Total Required Bracing Length	Length Provided	PASS of FAIL
12.00	23.666	PASS
18.00	18.33	PASS
12.00	23.666	PASS
0.00		
0.00		
9.00	18.75	PASS
13.50	22.5	PASS
13.50	19.75	PASS
9.00	15.75	PASS
0.00		

Notes

nd floor.	X Wall DL:	15	Number of R		2 g DL for	Seismic Zone wall supporting		
2	1 3	4	5	A	8	C	D	
- 1 -	1 1			1.1	- 1 -	1	1	
- 4 -	- 5			1	1	1	- 13	
1	1 1			- 1 - 1	- 1 -	1	1	

	1.850	1.858	1000	0.000	1.450	1.0.50	1.458	1.161
	1	1.1			1	4	1	1
		1			1	1	1	1
	1.5	1.5		10.000	15	1.5	1.5	15
	4	10.0			11.1	1	T	1
	1.1	4.1			1.1	1.1	1.1	1.1
1	1	5			1	1	1	1



Calc Seismic ( ø Mind HEET TTLE

