

Dry | 8' 0" Column Freestanding

BC COLUMN® 4.2 Design Report - US ASD
 Build 2627
 Job Name:
 Address:
 City, State, Zip: ,
 Customer:
 Code reports: SPIB
 Updated: Thursday, July 10, 2014

File Name: BC CALC Project
 Description: Designs\CL01
 Specifier:
 Designer:
 Company:
 Misc:



					Live	Dead	Snow	Wind	Roof Live
Tag	Description	Load Type	Start	End	100%	90%	115%	160%	125%
1		Conc. Pt. (lbs)	00-00-00	00-00-00	2,640	870	0		

Bracing	Elevation	Sheathing
Top	08-00-00	
Base	00-00-00	

Controls Summary	Value	% Allowable	Duration	Load Case
Col. Compression	n/a	47.8%	100%	1
Slenderness Ratio	27.43	54.9%	n/a	0

Cautions

Design does not consider perpendicular to grain stress on the sill plate or other supporting member.

Notes

A generic column cap was used in the analysis of the column. Make sure to install and size the cap. BC Column is intended for use with gravity and out of plane lateral loading only. Design is based on member being used as a column only. The analysis of solid sawn wood members is in accordance with the NDS and is limited to the output shown above. All other support and design for these products, including but not limited to notching, connections, installation, and engineer/architect certification is the responsibility of the project's design professional of record.

Disclosure

Completeness and accuracy of input must be verified by anyone who would rely on output as evidence of suitability for particular application. Output here based on building code-accepted design properties and analysis methods. Installation of BOISE engineered wood products must be in accordance with current Installation Guide and applicable building codes. To obtain Installation Guide or ask questions, please call (800)232-0788 before installation.

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