

Rear Covered Patio, Middle Rear 6x6 Covered Patio Post
1 piece(s) 6 x 6 SP No.1

Post Height: 11' 6"



Design Results	Actual	Allowed	Result	LDF	Load: Combination
Slenderness	25	50	Passed (50%)	--	--
Compression (lbs)	7342	16891	Passed (43%)	1.15	1.0 D + 1.0 S
Base Bearing (lbs)	7342	12856	Passed (57%)	--	1.0 D + 1.0 S
Bending/Compression	0.44	1	Passed (44%)	1.15	1.0 D + 1.0 S

- Input axial load eccentricity for this design is 16.67% of applicable member side dimension.
- Applicable calculations are based on NDS.

Supports	Type	Material
Base	Beam	Spruce-Pine-Fir

Member Type : Free Standing Post
Building Code : IBC 2015
Design Methodology : ASD

Max Unbraced Length	Comments
Full Member Length	No bracing assumed.

Drawing is Conceptual

Vertical Load	Dead (0.90)	Floor Live (1.00)	Snow (1.15)	Comments
1 - Point (lb)	3719	80	3623	Default Load

Member Notes
Middle Rear 6x6 Covered Patio Post Calculation

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The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

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