

Stagecoach Mountain Resort Chairlift vs. Gondola

Comparative Analysis between Chairlift vs. Gondola Terminal Design

		Chairlift		Gondola	
		Overhead Canopy Structure	(Loading and Unloading Area)	Overhead Canopy Structure	(Loading and Unloading Area)
Length	feet	85.25	79	78.71	94
	millimeters	25,990	24,790	23,990	28651
Width	feet	32.42	49.5	32.42	48.75
	millimeters	9890	15087	9890	14859
Area	square feet	2763.8	3910.5	2551.8	4582.5
	square meters	256.8	363.3	237.0	425.7

Comparative Analysis - Area Calculations (Square Feet)				
	Chairlift	Gondola	Difference	% Difference
Overhead Canopy Structure	2763.8	2551.8	-212.0	-7.7%
Platform Deck (Loading and Unloading Area)	3910.5	4582.5	672.0	17.2%

Overhead Canopy Structure Height Calculations					
	Chairlift	Gondola	Difference	% Difference	
Height	feet	12.3	12.3	0.0	0.0%
	millimeters	3766	3766	0.0	0.0%
Height above loading deck	feet	22.71	24.05	1.3	5.9%
	millimeters	6921	7331	410.0	5.9%