

Auxiliary Data

IfcBeam Count: 4491

IfcColumn Count: 3639

The building is a single story.

Total Beam Weight: 29348.38 lbs

Total Column Weight: 25619.84 lbs

Estimated Linear Load on Perimeter: 0.0 lbs/ft

Wall Moment from Wind: 484.0 Nm

Wind Pressure on Roof: 0.0 lbs/ft²

Roof Perimeter: 981.46 feet

XZ Area: 4029.4 sq. feet

YZ Area: 1172.2 sq. feet

XY Area: 6680.7 sq. feet

Wind Load Calculation Results:

Wind Pressure: 0.0 lbs/ft

Wall Moment: 0.0 ft-lbs

Dead Load Calculation Results:

Total Dead Load: 54968.21800000089 lbs

Snow Load Calculation Results:

Total Snow Load: 146975.4 lbs

Ice Load Calculation Results:

Total Ice Load: 146975.4 lbs

Live Loads:

Floor 1 - Percentage Load: 22.0%, Area Load: 22.0 sq. feet