

Auxiliary Data

IfcBeam Count: 4582

IfcColumn Count: 3576

The building is a single story.

Total Beam Weight: 28966.86 lbs

Total Column Weight: 22049.07 lbs

Estimated Linear Load on Perimeter: 0.0 lbs/ft

Wall Moment from Wind: 0.0 Nm

Wind Pressure on Roof: 0.0 lbs/ft²

Roof Perimeter: 521.4 feet

XZ Area: 3739.4 sq. feet

YZ Area: 1686.6 sq. feet

XY Area: 8040.6 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: 51015.9280000006 lbs

Snow Load Calculation Results:

Total Snow Load: 0.0 lbs

Ice Load Calculation Results:

Total Ice Load: 0.0 lbs

Live Loads:

Floor 1 - Percentage Load: 0987%, Area Load: 678 sq. feet