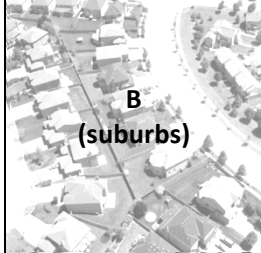
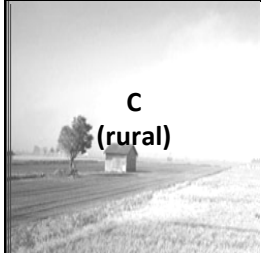



## NEX®2 14ga (Steel) Maximum Spans (feet-inches)



Exposure	Basic Wind Speed	0 psf Snow*		20 psf Snow*		40 psf Snow*		60 psf Snow*		100 psf Snow*	
		Interior	Edge	Interior	Edge	Interior	Edge	Interior	Edge	Interior	Edge
 <b>B</b> (suburbs)	90 mph	12'-1"	12'-1"	9'-3"	9'-3"	7'-1"	7'-1"	5'-4"	5'-4"	3'-11"	3'-11"
	100 mph	12'-1"	11'-10"	9'-3"	9'-3"	7'-1"	7'-1"	5'-4"	5'-4"	3'-11"	3'-11"
	110 mph	12'-1"	10'-10"	9'-3"	9'-3"	7'-1"	7'-1"	5'-4"	5'-4"	3'-11"	3'-11"
	120 mph	11'-8"	9'-11"	9'-3"	8'-8"	7'-1"	7'-1"	5'-4"	5'-4"	3'-11"	3'-11"
	130 mph	10'-9"	9'-2"	9'-3"	8'-1"	7'-1"	7'-1"	5'-4"	5'-4"	3'-11"	3'-11"
	140 mph	10'-0"	8'-6"	8'-9"	7'-7"	7'-1"	6'-5"	5'-4"	5'-4"	3'-11"	3'-11"
	150 mph	9'-4"	6'-5"	8'-3"	6'-5"	7'-1"	6'-1"	5'-4"	5'-4"	3'-11"	3'-11"
 <b>C</b> (rural)	90 mph	12'-1"	11'-2"	9'-3"	9'-3"	7'-1"	7'-1"	5'-4"	5'-4"	3'-11"	3'-11"
	100 mph	11'-10"	10'-0"	9'-3"	8'-9"	7'-1"	7'-1"	5'-4"	5'-4"	3'-11"	3'-11"
	110 mph	10'-9"	9'-2"	9'-3"	8'-1"	7'-1"	7'-1"	5'-4"	5'-4"	3'-11"	3'-11"
	120 mph	9'-10"	8'-4"	8'-8"	7'-6"	7'-1"	6'-4"	5'-4"	5'-4"	3'-11"	3'-11"
	130 mph	9'-1"	6'-1"	8'-1"	6'-1"	7'-1"	5'-11"	5'-4"	5'-4"	3'-11"	3'-11"
	140 mph	8'-5"	5'-2"	7'-7"	5'-2"	6'-4"	5'-2"	5'-4"	5'-2"	3'-11"	3'-11"
	150 mph	6'-4"	4'-6"	6'-4"	4'-6"	6'-0"	4'-6"	5'-4"	4'-6"	3'-11"	3'-11"
 <b>D</b> (shoreline)	90 mph	12'-1"	10'-3"	9'-3"	8'-11"	7'-1"	7'-1"	5'-4"	5'-4"	3'-11"	3'-11"
	100 mph	10'-10"	9'-3"	9'-3"	8'-2"	7'-1"	7'-1"	5'-4"	5'-4"	3'-11"	3'-11"
	110 mph	9'-10"	8'-5"	8'-8"	7'-6"	7'-1"	6'-4"	5'-4"	5'-4"	3'-11"	3'-11"
	120 mph	9'-1"	6'-0"	8'-0"	6'-0"	7'-1"	5'-11"	5'-4"	5'-4"	3'-11"	3'-11"
	130 mph	8'-4"	5'-1"	7'-6"	5'-1"	6'-4"	5'-1"	5'-4"	5'-1"	3'-11"	3'-11"
	140 mph	6'-1"	4'-4"	6'-1"	4'-4"	6'-0"	4'-4"	5'-4"	4'-4"	3'-11"	3'-11"
	150 mph	5'-4"	3'-9"	5'-4"	3'-9"	5'-4"	3'-9"	5'-4"	3'-9"	3'-11"	3'-9"

### Assumptions:

\*Roof Snow Load listed, linear interpolation is permitted

\*\*In most cases, edge zone is approximately 3 feet from ridge line and eaves

-PhotoVoltaic Module length is 72" or less

-Building height must be less than or equal to 30 feet

-Maximum cantilever is 2'-6"/2'-0"/1'-3", respectively

-Rail splices not permitted immediately over supports or within middle 1/3 of span

-For installations that do not conform to the assumptions listed above contact Zilla for a more complete engineering analysis.

Light Detailing = Low Basic Wind Speeds & Minimal Snow Loads

Medium Detailing = Moderate Basic Wind Speeds & Snow Loads

Heavy Detailing = Increased Basic Wind Speeds & High Snow Loads