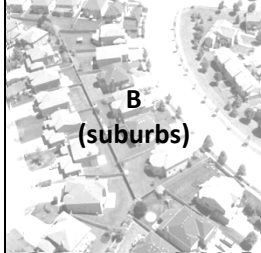
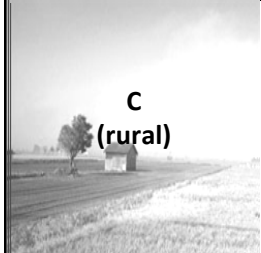


## NEX®2 14ga Knockout Maximum Spans (feet-inches)



| 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><br>(suburbs)    | 90 mph           | 8'-0"       | 8'-0"  | 5'-9"        | 5'-9"  | 4'-2"        | 4'-2"  | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|                                                                                                            | 100 mph          | 8'-0"       | 8'-0"  | 5'-9"        | 5'-9"  | 4'-2"        | 4'-2"  | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|                                                                                                            | 110 mph          | 8'-0"       | 7'-3"  | 5'-9"        | 5'-7"  | 4'-2"        | 4'-2"  | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|                                                                                                            | 120 mph          | 7'-10"      | 6'-0"  | 5'-9"        | 5'-3"  | 4'-2"        | 4'-2"  | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|                                                                                                            | 130 mph          | 7'-3"       | 5'-6"  | 5'-7"        | 4'-10" | 4'-2"        | 4'-2"  | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|                                                                                                            | 140 mph          | 6'-0"       | 5'-0"  | 5'-3"        | 4'-6"  | 4'-2"        | 4'-0"  | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|                                                                                                            | 150 mph          | 5'-7"       | 4'-9"  | 4'-11"       | 4'-3"  | 4'-2"        | 3'-10" | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|  <b>C</b><br>(rural)      | 90 mph           | 8'-0"       | 7'-6"  | 5'-9"        | 5'-9"  | 4'-2"        | 4'-2"  | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|                                                                                                            | 100 mph          | 8'-0"       | 6'-1"  | 5'-9"        | 5'-3"  | 4'-2"        | 4'-2"  | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|                                                                                                            | 110 mph          | 7'-3"       | 5'-6"  | 5'-7"        | 4'-10" | 4'-2"        | 4'-2"  | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|                                                                                                            | 120 mph          | 5'-11"      | 5'-0"  | 5'-2"        | 4'-6"  | 4'-2"        | 4'-0"  | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|                                                                                                            | 130 mph          | 5'-6"       | 4'-8"  | 4'-10"       | 4'-2"  | 4'-2"        | 3'-9"  | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|                                                                                                            | 140 mph          | 5'-1"       | 4'-4"  | 4'-6"        | 3'-11" | 4'-0"        | 3'-6"  | 3'-3"        | 3'-2" | 1'-9"         | 1'-9" |
|                                                                                                            | 150 mph          | 4'-9"       | 4'-0"  | 4'-3"        | 3'-8"  | 3'-10"       | 3'-3"  | 3'-3"        | 3'-1" | 1'-9"         | 1'-9" |
|  <b>D</b><br>(shoreline) | 90 mph           | 8'-0"       | 6'-2"  | 5'-9"        | 5'-5"  | 4'-2"        | 4'-2"  | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|                                                                                                            | 100 mph          | 7'-4"       | 5'-7"  | 5'-8"        | 4'-11" | 4'-2"        | 4'-2"  | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|                                                                                                            | 110 mph          | 6'-0"       | 5'-1"  | 5'-2"        | 4'-6"  | 4'-2"        | 4'-0"  | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|                                                                                                            | 120 mph          | 5'-5"       | 4'-7"  | 4'-10"       | 4'-2"  | 4'-2"        | 3'-9"  | 3'-3"        | 3'-3" | 1'-9"         | 1'-9" |
|                                                                                                            | 130 mph          | 5'-0"       | 4'-3"  | 4'-6"        | 3'-10" | 4'-0"        | 3'-6"  | 3'-3"        | 3'-2" | 1'-9"         | 1'-9" |
|                                                                                                            | 140 mph          | 4'-8"       | 3'-11" | 4'-2"        | 3'-7"  | 3'-9"        | 3'-3"  | 3'-3"        | 2'-7" | 1'-9"         | 1'-9" |
|                                                                                                            | 150 mph          | 4'-4"       | 3'-8"  | 3'-11"       | 3'-5"  | 3'-7"        | 3'-1"  | 3'-3"        | 2'-4" | 1'-9"         | 1'-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'-0"/1'-3"/0'-6", 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

