1. Section properties are calculated in accordance with the 2004 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
2. \( V_a \) is the allowable shear.
3. \( P_a \) is the allowable load for web crippling on end & interior supports.
4. \( I_x \) is for deflection determination.
5. \( S_e \) is for bending.
6. \( M_a \) is the allowable bending moment.
7. All values are for one foot of panel width.

Notes:
1. Allowable uniform loads are based upon equal span lengths.
2. Positive Wind is wind pressure and is **NOT** increased by 33 1/3 %.
3. Negative Wind is wind suction or uplift and is **NOT** increased by 33 1/3 %.
4. \( L/180 \) is the allowable load that limits the panel's deflection to \( L/180 \) while under positive or live load.
5. \( L/240 \) is the allowable load that limits the panel's deflection to \( L/240 \) while under positive or live load.
6. The weight of the panel has **NOT** been deducted from the allowable loads.
7. Positive Wind, Negative Wind, and Live Load values are limited by web crippling using a bearing length of 2".
8. Web crippling values are determined using a ratio of the uniform load actually supported by the top flanges of the section.
9. Load Tables are limited to a maximum allowable load of 500 psf.