
- STRUCTURES ARE DESIGNED TO RESIST NATURAL WIND GUSTS BASED ON THE YEARLY MEAN WIND VELOCITY OF 11.2 MPH.
- STRUCTURES ARE NOT DESIGNED TO RESIST GALLOPING-INDUCED CYCLIC LOADS.
- TRUCK-INDUCED GUST LOADS ARE EXCLUDED PER THE REQUIREMENTS OF THE CODE.
- STRUCTURES ARE DESIGNED FOR TRUCK-INDUCED GUST LOADS, AS REQUIRED BY THE OWNER OF THE STRUCTURES.

MATERIAL DATA

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>ASTM DESIGNATION</th>
<th>MIN. YIELD (KSI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLE &amp; ARM TUBE</td>
<td>A572 55</td>
<td></td>
</tr>
<tr>
<td>POLE BASEPLATE</td>
<td>A36 36</td>
<td></td>
</tr>
<tr>
<td>ANCHOR BOLTS</td>
<td>F1554 OR GR. 55</td>
<td></td>
</tr>
<tr>
<td>GALVANIZING - HARDWARE</td>
<td>A153</td>
<td></td>
</tr>
<tr>
<td>SIMPLEX PLATES</td>
<td>A36 36</td>
<td></td>
</tr>
<tr>
<td>CONNECTING BOLTS</td>
<td>A325</td>
<td></td>
</tr>
<tr>
<td>BASE CABINET RIMS</td>
<td>A572 50</td>
<td></td>
</tr>
</tbody>
</table>

DETAIL 2

ARM SIMPLEX

DETAIL 3

5 X 8 HANDHOLE

DETAIL 4

4 X 10 HANDHOLE

DETAIL 5

4 X 24 HANDHOLE

DETAIL 6

4 X 24 HANDHOLE

DETAIL 7

REMOVABLE HINGE ASSEMBLY

DETAIL 8

OPENED VIEW

CLOSED VIEW

THE RIGHT TO INSTALL VARIOUS, ACCOMMODATIONS TO FACILITATE THE MANUFACTURING PROCESS.

SC568817P1

VALMONT INDUSTRIES, INC. RESERVES THE RIGHT TO INSTALL VARIOUS, ENGINEER APPROVED, MATERIAL HANDLING ACCOMMODATIONS TO FACILITATE THE MANUFACTURING PROCESS.
ALTHOUGH RARE, VIBRATIONS SEVERE ENOUGH TO CAUSE DAMAGE CAN OCCASIONALLY OCCUR IN STRUCTURES OF ALL TYPES. BECAUSE THEY ARE INFLUENCED BY MANY INTERACTING VARIABLES, VIBRATIONS ARE GENERALLY UNPREDICTABLE. THE USER'S MAINTENANCE PROGRAM SHOULD INCLUDE OBSERVATION FOR EXCESSIVE VIBRATION AND EXAMINATION FOR ANY STRUCTURAL DAMAGE OR BOLT LOOSENING. THE VALMONT WARRANTY SPECIFICALLY EXCLUDES FATIGUE FAILURE OR SIMILAR PHENOMENA RESULTING FROM INDUCED VIBRATION, HARMONIC OSCILLATION OR RESONANCE ASSOCIATED WITH MOVEMENT OF AIR CURRENTS AROUND THE PRODUCT.