STRIAN POLY NOTES

3. Materials:
a. Rods
   ASTM A36
b. Clamp
   ASTM A36
c. Handhole Frame
   ASTM A572, Gr. 50
d. Handhole Cover
   ASTM A56
4. Base Plate
   ASTM A572, Gr. 50
5. Anchor Bolt:
   a. Anchor Bolt
   ASTM F1554 Grade 105
   b. Nut
   ASTM A563 Grade A Heavy Hex
   c. Bolt washer
   ASTM F436
   d. Nut washers
   ASTM A563
   e. Washers
   ASTM F436

6. Pole Notes:
a. The Pole shall be 12-sided.
b. The Pole shall be tapered with the diameter changing at a rate of 0.14 inch per foot.
c. Transverse welds are allowed only at the base.
d. A 2.50" (max.) 20 ga. galvanized identification tag, affixed to pole with spray on bonding agent and galvanizing, Fabulators to provide details for approval. Identification tag located on inside of pole, visible from handhole. See Detail 2, Sh. 2 of 3.

7. One hundred percent of all penetration groove welds and a random 25 percent of partial penetration groove welds shall be inspected. Full penetration groove weld inspection shall be performed by nondestructive methods of radiography or ultrasonics.

TABLE OF STEEL STRAIN POLY VARIABLES

<table>
<thead>
<tr>
<th>POLY Class</th>
<th>Major Size &amp; Description</th>
<th>Base Plate</th>
<th>Anchor Bolts</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLY Class</td>
<td>Height (K)</td>
<td>Type</td>
<td>Bolt Dia.</td>
</tr>
<tr>
<td>2700 lbs.</td>
<td>12&quot;</td>
<td>2-5/16&quot;</td>
<td>2 1/4&quot;</td>
</tr>
<tr>
<td>3300 lbs.</td>
<td>14&quot;</td>
<td>2-5/16&quot;</td>
<td>2 1/4&quot;</td>
</tr>
<tr>
<td>4600 lbs.</td>
<td>14&quot;</td>
<td>3 1/2&quot;</td>
<td>2 1/4&quot;</td>
</tr>
<tr>
<td>5800 lbs.</td>
<td>14&quot;</td>
<td>3 1/2&quot;</td>
<td>2 1/4&quot;</td>
</tr>
<tr>
<td>7200 lbs.</td>
<td>17&quot;</td>
<td>3 1/2&quot;</td>
<td>2 1/4&quot;</td>
</tr>
</tbody>
</table>

Maico Industries, Inc.
936 Highway 14
Elsworth, KS 67439
Tel: 785-472-5390 Fax: 785-472-3729

JOB NAME & NUMBER:
WASHINGTON STATE D.O.T.
Steel Strain Pole - Type V
Class 1900 lbs - 2000 lbs

DRAWN: DS
DATE: 4/21/09
CHECKED:
APPROVED:
DRAWING NUMBER:
WA-SP-5
REV: SH. 1 of 3

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