NOTES

- All field points of support nuts for anchor bolts are to be painted with paint light and then sealed off to be trimmed with a sharp pointed tool.
- The 51mm pipe sleeve shall be cut from schedule 40 PVC plastic pipe. The PVC plastic pipe shall meet the requirements of ASTM D1785.
- The cost of the pipe sleeves shall be included in the schedule for steel.
- The payment for the pipe sleeves shall be included in the schedule for steel.
- For painted structural steel (excluding AASHTO M270 grade 345W), sole plates, anchor bolts, nuts and washers shall be completed in accordance with the standard specifications. For AASHTO M270 grade 345W structural steel, sole plates shall be AASHTO M270 grade 345W and shall not be galvanized. Anchor bolts and nuts shall be galvanized in accordance with the standard specifications.
- Anchor bolts shall meet the requirements of ASTM A449. Nuts shall meet the requirements of AASHTO M291M-12 or AASHTO M292M-2H. Washers shall meet the requirements of AASHTO M293M. Shop drawings are not required for anchor bolts, nuts, and washers. Shop inspection is required.
- When fixed welding the sole plate to the girder or beam, the temperature of the sole plate shall not exceed 149°C. Temperatures above this may damage the elastomer.
- All surfaces of bearing plates shall be smooth and straight.

LOAD RATINGS

<table>
<thead>
<tr>
<th>Type</th>
<th>Load Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>396 kN</td>
</tr>
<tr>
<td>II</td>
<td>557 kN</td>
</tr>
<tr>
<td>III</td>
<td>674 kN</td>
</tr>
</tbody>
</table>

SOLE PLATE DETAILS

- Plan view of elastomeric bearing
- Typical section of elastomeric bearings
- 5mm Steel Elastomer
- 5mm Rib (TYP.)
- 1 1/2" Mold Draft
- 100mm thread
- 51mm pipe sleeve extending 3mm above sole with standard washer
- 3mm all around
- Shop drawings are not required for anchor bolts, nuts, and washers. Shop inspection is required.
- When fixed welding the sole plate to the girder or beam, use temperature indicating wax pens, or other suitable means, to ensure that the temperature of the sole plate does not exceed 149°C. Temperatures above this may damage the elastomer.
- All surfaces of bearing plates shall be smooth and straight.