**Standard Drawing Guidance:**

(Do not show on plans.)

1. Use note H3.49.1 with Grade 50W steel. (H3.49 shown)

**General Notes:**

- Anchor bolts shall be Ø A490 Grade 55 swaged bolts and shall extend into the concrete with ASTM A490 Grade 55 hex nuts. Actual manufacturer's certified mill test reports (mechanical) shall be provided. Swaged bolts shall be 1” less than extension from bearing seat with epoxy adhesive.

- Anchor bolts and heavy hex nuts shall be coated with a minimum of two coats of inorganic zinc primer to provide a total dry film thickness of 4 mils minimum, 6 mils maximum, or galvanized in accordance with Sec 1080.

- Neoprene Elastomeric Pads shall be Bond sole plate to bearing seat with epoxy adhesive.

**Expansion Bearings**

<table>
<thead>
<tr>
<th>SHEET (N_0)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>N</th>
<th>P</th>
<th>Q</th>
<th>NUMBER OF REQUIRED</th>
<th>TOTAL LOCATION</th>
</tr>
</thead>
</table>

* The required shim plates shall be placed between layers of elastomer and molded together to form an integral unit.

**Fixed Bearings**

<table>
<thead>
<tr>
<th>SHEET (N_0)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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<th>M</th>
<th>N</th>
<th>P</th>
<th>Q</th>
<th>NUMBER OF REQUIRED</th>
<th>TOTAL LOCATION</th>
</tr>
</thead>
</table>

* The required shim plates shall be placed between layers of elastomer and molded together to form an integral unit.

**Laminated Neoprene Bearing Pad Assembly**

Detail of 3/4”Ø thru 2 1/2”Ø

- **2 1/2” Anchor Bolts**
- **H3.49 shown**

**Swedge Anchor Bolt Details**

**Notes:**

This drawing is not to scale. Follow dimensions.

*This media should not be considered part of the project.*