Large Scale Model Railway Engineering

This month we will start construction of gondola cars. To be specific a forty foot and a forty eight foot car. The forty foot car scales out at 63 inches over the couplers and the forty eight foot car 75 inches.

The cars are constructed of steel and aluminum with a plywood floor. One could substitute a steel floor if desired. Car ends are aluminum castings as are the ribs. The sides are aluminum plate to keep the weight down a little but steel can also be used.

This issue include drawings for the floor, center sill, sides, side ribs and all of the angle parts. Next month will have the end castings and assembly drawings.
<table>
<thead>
<tr>
<th>ITM</th>
<th>TA</th>
<th>DATE</th>
<th>PIKE</th>
<th>REV</th>
<th>SCALE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PIKE LAKE & EASTERN**

**Hartford Shops**

**MATERIAL: 1/4 X 1 LR FLAT**

**DO NOT SCALE DRAWING**

**TOLERANCES**

**UNLESS OTHERWISE SPECIFIED:**

**ANGLES:** +0.5%

**DEVIATIONS:** 12 PLACES 1/100000

**12 PLACES 1/1000000**

**SYM** | **ECO** | **REVISION** | **BY DATE**
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TITLE**

**COUPLER COVER**

**NO.**

CD-142