### NOTES

1. When referring to frog plates, plan and plate numbers must be stated to indicate specific plate required.
2. Identification characters (1/2" minimum height) to be stamped on each plate as shown.
3. All dimensions are in inches.
4. Unless otherwise specified all tolerances to be ±1/32.
5. Brace stops may be formed (section B-B) or welded pads.
6. All holes to be punched; the use of acetylene torch or other burning method for the making of holes or cutting in the manufacture of frog plates is absolutely prohibited.

### MATERIAL

Plates to conform to the latest revision of CSA:
Specification 150-1 Class "C" or in general with latest revision of A.S.T.M. Specification for Commercial Quality Hot Rolled Bar Steel A-671. Chemical requirement:

- **Carbon**: Minimum 0.15% Maximum 0.25%
- **Manganese**: Minimum 0.30% Maximum 0.60%
- **Phosphorus**: Minimum 0.04% Maximum
- **Sulphur**: Minimum 0.05%

<table>
<thead>
<tr>
<th>PLATES</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>WEIGHT (LB)</th>
<th>STOCK NUMBERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP-46L</td>
<td>28</td>
<td>26-5/8</td>
<td>22-5/32</td>
<td>15-15/16</td>
<td>15-7/16</td>
<td>3&quot;</td>
<td>NEW</td>
<td>PART WORK</td>
</tr>
<tr>
<td>FP-5325</td>
<td>28-3/8</td>
<td>27</td>
<td>22-5/16</td>
<td>10-1/16</td>
<td>15-1/2</td>
<td>4&quot;</td>
<td>NEW</td>
<td>PART WORK</td>
</tr>
</tbody>
</table>
SEE NOTE 5.
TWO 3-1/4 DIA. HOLES. EMBOSSED 1/2 DEEP.
SPREAD 3-1/4 APART.
SYMMETRICAL ABOUT SECTION B-B.

(OR )
1/4 X 2 X 5-1/2 PAD TO BE WELDED 3 SIDES + 1/4 FILLET

1 DIA.
4 HOLES

1-5/16
2 CBORE X 15/32
2 HOLES
-1/16 DEEP

MILL SLOT 1-3/8 WIDE X 9/32 DEEP, BETWEEN HOLES

1/8
1-1/2
3-1/4
DIA.
3-1/4
DIA.
1/8
1/2
1/2
1/2

SECTION A-A
FORMED BRACE STOPS

SECTION B-B

NOTES
1. WHEN REFERRING TO FROG PLATES, PLATE AND PLATE NUMBERS
   MUST BE STATED TO INDICATE SPECIFIC PLATE REQUIRED.
2. IDENTIFICATION CHARACTERS (+ 1/2" MINIMUM HEIGHT) TO BE STAMPED
   ON EACH PLATE AS SHOWN.
3. ALL DIMENSIONS ARE IN INCHES.
4. UNLESS OTHERWISE SPECIFIED ALL TOLERANCES TO BE
   1/32.
5. BRACE STOPS MAY BE FORMED (SECTION B-B) OR WELDED PADS.
6. ALL HOLES TO BE PUNCHED; THE USE OF ACETYLENE TORCH OR
   OTHER BURNING METHOD FOR THE MAKING OF HOLES OR CUTTING IN
   THE MANUFACTURE OF FROG PLATES IS ABSOLUTELY PROHIBITED.

MATERIAL

PLATES TO CONFORM TO THE LATEST REVISION OF C.N.R.
SPECIFICATION ISO-1 CLASS C" OR IN GENERAL WITH
LATEST REVISION OF A.S.T.M. SPECIFICATION FOR COMMERCIAL
QUALITY HOT ROLLED BAR STEEL A-675 CHEMICAL REQUIREMENT.

MINIMUM

CARBON 0.15 X
MANGANESE 0.30 X
PHOSPHORUS 0.04 X
SULPHUR 0.05 X

6/11/17
REVISED RSD VERSION ESTABLISHED
No. Date
By Approved

Standard

L/H FROG PLATES

FM METROLINX

DEC. 5 2017 8652
Sheet 2 OF 2

REFERENCE TS-552