TYPICAL PANDRCL SHOULD INSTALLATION

NOTES
1. WHEN REFERREING TO FROG BASE PLATES, PLATE AND PLATE NUMBERS MUST BE STATED TO INDICATE SPECIFIC PLATE REQUIRED.
2. IDENTIFICATION CHARACTERS 1/2 "M" MINIMUM HEIGHT TO BE STAMPED ON EACH PLATE AS SHOWN.
3. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
4. THE ENDS OF FROG BASE PLATES TO BE PAINTED WITH INSULATING PAINT AS SHOWN.

MATERIAL
PLATES TO CONFORM TO THE LATEST REVISION OF A.G.T. TRANSIT TRACK STANDARDS OR IN GENERAL WITH LATEST REVISION OF A.S.T.M. SPECIFICATION FOR COMMERCIAL QUALITY H.T. ROLLED BAR STEEL A-675 CHEMICAL REQUIREMENT.

<table>
<thead>
<tr>
<th>ELEMENT</th>
<th>MINIMUM</th>
<th>MAXIMUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON</td>
<td>0.15</td>
<td>0.25</td>
</tr>
<tr>
<td>MANGANESE</td>
<td>0.30</td>
<td>0.60</td>
</tr>
<tr>
<td>PHOSPHORUS</td>
<td>0.04</td>
<td>0.10</td>
</tr>
<tr>
<td>SULPHUR</td>
<td>0.05</td>
<td>0.10</td>
</tr>
</tbody>
</table>

FROG BASE PLATE
FP-705
NOTES
1. WHEN REFERRING TO FROG BASE PLATES, PLATE AND PLATE NUMBERS MUST BE STATED TO INDICATE SPECIFIC PLATE REQUIRED.
2. IDENTIFICATION CHARACTERS I ½" MINIMUM HEIGHT TO BE STAMPED ON EACH PLATE AS SHOWN.
3. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.

MATERIAL
PLATES TO CONFORM TO THE LATEST REVISION OF GO TRANSIT TRACK STANDARDS OR IN GENERAL WITH LATEST REVISION OF A.S.T.M. SPECIFICATION FOR COMMERCIAL QUALITY HOT ROLLED BAR STEEL A-675 CHEMICAL REQUIREMENT.

<table>
<thead>
<tr>
<th>ELEMENT</th>
<th>MINIMUM</th>
<th>MAXIMUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON</td>
<td>0.15 X</td>
<td>0.25 X</td>
</tr>
<tr>
<td>MANGANESE</td>
<td>0.30 X</td>
<td>0.60 X</td>
</tr>
<tr>
<td>PHOSPHORUS</td>
<td>0.04 X</td>
<td></td>
</tr>
<tr>
<td>SULPHUR</td>
<td>0.05 X</td>
<td></td>
</tr>
</tbody>
</table>

FROG BASE PLATE
FP-706
GTS-1329

FROG BASE PLATE
FP-707

NOTES
1. WHEN REFERING TO FROG BASE 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. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.

MATERIAL
PLATES TO CONFORM TO THE LATEST REVISION OF GO TRANSIT TRACK
STANDARDS OR IN GENERAL WITH LATEST REVISION OF A.S.T.M.
SPECIFICATION FOR COMMERCIAL QUALITY HOT ROLLED BAR STEEL
A-675 CHEMICAL REQUIREMENT.
NOTES:
1. WHEN REFERRING TO FROG BASE 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. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.

MATERIAL:

PLATES TO CONFORM TO THE LATEST REVISION OF GO TRANSIT TRACK STANDARDS OR IN GENERAL WITH LATEST REVISION OF A.S.T.M. SPECIFICATION FOR COMMERCIAL QUALITY HOT ROLLED BAR STEEL A-675 CHEMICAL REQUIREMENT.

<table>
<thead>
<tr>
<th>Element</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon</td>
<td>0.15 %</td>
<td>0.25 %</td>
</tr>
<tr>
<td>Manganese</td>
<td>0.10 %</td>
<td>0.60 %</td>
</tr>
<tr>
<td>Phosphorus</td>
<td>0.04 %</td>
<td>0.25 %</td>
</tr>
<tr>
<td>Sulphur</td>
<td>0.01 %</td>
<td>0.05 %</td>
</tr>
</tbody>
</table>

FROG BASE PLATE
FP-708
NOTES
1. WHEN REFERRING TO FROG BASE 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. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.
4. THE ENDS OF FROG BASE PLATES TO BE PAINTED WITH INSULATING
PAINT AS SHOWN.

MATERIAL
PLATES TO CONFORM TO THE LATEST REVISION OF GO TRANSIT TRACK
STANDARDS OR IN GENERAL WITH LATEST REVISION OF A.S.T.M.
SPECIFICATION FOR COMMERCIAL QUALITY HOT ROLLED BAR STEEL A-675
CHEMICAL REQUIREMENT.

CARBON
MINIMUM
0.15 X
MAXIMUM
0.25 X
MANGANESE
0.30 X
0.60 X
PHOSPHORUS
0.04 X
SULPHUR
0.05 X

MACHINING
FROG BASE PLATE
FOR NO 16 R.B.M. FROG 136 L.B. R.E. RAILS

REFERENCE TS—638
Sheet 5 OF 5