**Material Specification Table**

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<td><strong>EXTRUDED CHANNELS, COVER PLATES &amp; BAR</strong></td>
<td>ASTM B221-6005-T5 or 6005A-T5</td>
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<td><strong>STEP</strong></td>
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<td><strong>ANCHOR BOLTS, NUTS &amp; WASHERS</strong></td>
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<td><strong>DRIVE PIN</strong></td>
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**NOTES:**

1. **LOCATE** ON OPPOSITE SIDE OF TRAFFIC. **DRIVE PIN** SHALL BE DRIVEN FLUSH WITH THE OUTSIDE FACE OF THE RAILING.

2. **DRILL** 1/8" HOLE FOR 1/8" DRIVE PIN AT LOCATION SHOWN.

3. **THIS COVER PLATE SECTION** SHALL BE SNAPPED INTO POSITION AFTER 2" STD. PIPE HAS BEEN WELDED TO BOTTOM EXTRUDED CHANNEL.

4. **ANCHOR BOLTS** SHALL BE POSITIONED IN A JIG DURING WELDING.

5. **ALTERNATE** TO 1/8" RESIN BONDED ANCHOR.

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**Section A**

**Option #1**

- 1/8" DRILL HOLE
- 1/8" MIN. THICKNESS
- 1/8" ALUM. BAR 1/4 X 1/4 X 1/4" (FOR PIPE RAILING SPLICE)
- 1/8" STD. PIPE RAILING

**Option #2**

- 1/8" MIN. RADIUS AT TOP & SIDES
- 1/8" ALUM. BAR FULL WIDTH OF EXTRUDED CHANNEL

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**Section B**

- 1/8" RESIN BONDED ANCHOR (5" MIN. EMBEDMENT) WITH STD. NUT & 1/8" STD. WASHER OR 1/8" x 7 1/2" ANCHOR BOLTS.

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**End Detail**

- 1/8" ALUM. BAR WELDED TO END OF CHANNEL (HELD BEFORE ANODIZING)
- 1/8" MIN. RADIUS AT TOP & SIDES
- 1/8" STD. PIPE RAILING

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**Material Specification**

- **RAIL & BALUSTERS**: ASTM B221-6005-T5, 6005A-T5
- **EXTRUDED CHANNELS, COVER PLATES & BAR**: ASTM B221-6005-T5 or 6005A-T5
- **STEP**: ASTM A588
- **ANCHOR BOLTS, NUTS & WASHERS**: STANDARD SPECIFICATION SECTION D0.0E.04(4) OR D6 (GALVANIZE IN ACCORDANCE WITH AASHTO SPECIFICATION M 225)
- **DRIVE PIN**: ASTM A276 OR A240 TYPE 302 STAINLESS STEEL