**PLAN VIEW**

(Junction Slab Shown, Raised Sidewalk Similar)

- **7'-0½" (See Note 2)**

**SECTION A-A**

SECTION THRU JUNCTION SLAB, BARRIER WALL INLET AND RETAINING WALL
(Junction Slab Shown, Raised Sidewalk Similar)

**BILL OF REINFORCING STEEL**

<table>
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<tr>
<th>MARK</th>
<th>REQD</th>
<th>SIZE</th>
<th>LENGTH</th>
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<tr>
<td>S2</td>
<td>12</td>
<td>4</td>
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<tr>
<td>U2</td>
<td>6</td>
<td>6</td>
<td>VARIES</td>
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<tr>
<td>U3</td>
<td>5</td>
<td>12'-10&quot;</td>
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**REINFORCING STEEL BENDING DIAGRAMS - DRAINAGE**

- **1'-0½"**
- **4'-0½"**
- **1'-0½" Min.**

- **Gutter Line**
- **Barrier Wall Inlet** (Grate not shown for clarity)
  - (See Index No. 218 for details)
- **Bars 5V2 (Typ.)**
- **Bars 5B2 (Typ.)**
- **Bars 5S3**
- **Bars 4S2 @ 8" sp.**
- **Bars 5U3**
- **Bars 6U2**
- **Bars 4A (Top)**
- **Bars 4L (Bottom)**
- **Bars 5C (Top)**
- **Bars 5L (Bottom)**
- **Bars 5S (See Note 4)**
- **Bars 5B2 (See Note 4)**
- **Bars 5V2 (Rotate as required to clear junction slab reinforcing)**
- **1" Preformed Expansion Joint Filler (Typ.)**
- **2" Cover (Top & Sides)**
- **Coping**
- **Compacted Sand**
- **2" Cover**

**NOTES:**

1. Spacing shown is along the Gutter Line. Spacing shown is for C-I-P Junction Slab. For C-I-P Raised Sidewalks or Sidewalks, match bar spacing and size shown in typical sections (i.e., 11 ~ Bars 5U2 and 15 ~ Bars 452 @ 6" spacing for Raised Sidewalks).
2. Dimensions shown are for junction slab. Increase width as required for C-I-P Raised Sidewalk and Sidewalks.
3. Actual location & width vary depending on type of retaining wall used.
4. See Index No. 6110 for Bars 5V2 and 5S.
5. Organic felt bond breaker (Top) & expanded polystyrene shown hatched (½" Each Side).
6. Locate Barrier Wall Inlet a minimum of 10'-0" away from expansion joint in junction slab, raised sidewalk or sidewalk, C-I-P Coping and traffic railing or concrete parapet.
7. Work this index with the following as appropriate:
   - Index No. 6110
   - Index No. 6120
   - Index No. 6130