THE WORD "LIGHTING" TO BE EMBOSSED ON COVER OF JUNCTION BOX.

BRASS "L" BOLTS AND NUTS

9 GAUGE WELDED WIRE FRAME

SECTION A-A

JUNCTION BOX

FINISHED GRADE

2 1/2"

1 1/2"

LEAVE 5" OF SLACK FOR EACH CABLE

STONE DRAIN

NO. 5 BAR 42" MIN

SECTION B-B

ALTERNATE REINFORCING TYPE 1-A ONLY

6 GAUGE HORIZONTAL WIRE LOOPS

NOTES:

1. EACH FRAME AND COVER FOR TYPE 1 & 1A JUNCTION BOXES SHALL BE EITHER ALUMINUM OR CAST IRON.

2. JUNCTION BOXES LOCATED IN A SIDEWALK SHALL BE INSTALLED WITH A 1/2" PREFORMED BITUMINOUS JOINT MATERIAL AROUND ITS PERIMETER.

3. ALL CONDUITS SHALL BE BONDED TO FORM A CONTINUOUS ELECTRICALLY SECURE SYSTEM WITH THE GROUND AT THE LOAD CENTER JUNCTION BOX.

4. ALL JUNCTION BOX COVERS SHALL BE BONDED TO GROUND WITH COPPER BRAID OF #8 AWG CROSS SECTION. FOR TYPES 1 & 1A THE LENGTH SHALL BE 3 FEET.

5. ALL CONDUITS SHALL BE GROUTED IN KNOCKOUT SECTIONS IN ACCORDANCE WITH THE ALASKA SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.

6. JUNCTION BOXES SHALL BE SET FLUSH WITH THE SURROUNDING SURFACE EXCEPT IN A UNPAVED SHOULDER, WHEN THEY SHALL BE LOCATED 2" BELOW GRADE.

DIMENSIONS (IN.)

<table>
<thead>
<tr>
<th></th>
<th>TYPE 1</th>
<th>TYPE 1-A</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>15</td>
<td>22 3/4</td>
</tr>
<tr>
<td>B</td>
<td>15 1/4</td>
<td>13 1/4</td>
</tr>
<tr>
<td>C</td>
<td>13 1/2</td>
<td>21 1/4</td>
</tr>
<tr>
<td>D</td>
<td>8 1/2</td>
<td>11 3/4</td>
</tr>
<tr>
<td>E</td>
<td>7 1/2</td>
<td>19 1/4</td>
</tr>
<tr>
<td>F</td>
<td>6 1/2</td>
<td>14 1/2</td>
</tr>
<tr>
<td>G</td>
<td>5 1/2</td>
<td>14 1/2</td>
</tr>
<tr>
<td>H</td>
<td>4 1/2</td>
<td>14 1/2</td>
</tr>
<tr>
<td>J</td>
<td>3 1/4</td>
<td>14 1/2</td>
</tr>
<tr>
<td>K</td>
<td>2 1/4</td>
<td>14 1/2</td>
</tr>
</tbody>
</table>

CITY AND BOROUGH OF JUNEAU, ALASKA

JUNCTION BOX

TYPE 1 & TYPE 1A

STANDARD 119A

SCALE: NTS

DATE: 1/18/00

DRAWN BY: AL

CHECKED BY: JB/STAFF

APPROVED BY: [Signature]

REVISED: 8/14/2011