PULL BOX INSTALLATION

1. Install pull boxes flush with the shoulder surface. Restore the disturbed area around the pull box and conduit installations.

2. On long runs, install pull boxes such that each box is separated by no more than 150 feet.

3. If cabinet is located more than 30 feet from the edge of travelway, provide a minimum cover of 12 inches. Otherwise, provide a minimum cover of 18 inches.

4. Terminate stranded conductors smaller than #14 AWG with crimp style terminal lugs.

5. Size pull box according to the National Electric Code (NEC) as approved by the CD.

6. Ensure splices occur only in pull box nearest to the inductive loops.

7. Plug conduits and bushings with steel wool to prevent rodent entry and with a water resistant material to prevent moisture entry.

PULL BOX DIMENSIONS TABLE

<table>
<thead>
<tr>
<th>TYPE</th>
<th>MINIMUM DIMENSIONS INCH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(A)</td>
</tr>
<tr>
<td>1</td>
<td>15</td>
</tr>
<tr>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>3</td>
<td>18</td>
</tr>
<tr>
<td>4</td>
<td>23</td>
</tr>
</tbody>
</table>

THANKS FOR DATING THIS PROJECT

PULL BOX ISOMETRIC VIEW

Granular backfill

To cabinet

Detector lead-in

Splice

Loop lead-in cables

Shoulder or ground surface

Pull box lid

Pull box concrete wall (typ.)

Seat splice in a waterproof splice kit

6" (min.)

To loop

1.5" PVC conduit

2" PVC conduit

Minimum ¾ - 7 pent-head bolts (typ.)

Cast "TRAFFIC" into the surface of lid

Lid

Pullslots

Fiberglass reinforced polymer concrete
Fabricate from gray iron castings

U.S. CUSTOMARY DETAIL

INDUCTIVE LOOP PULL BOX

NO SCALE