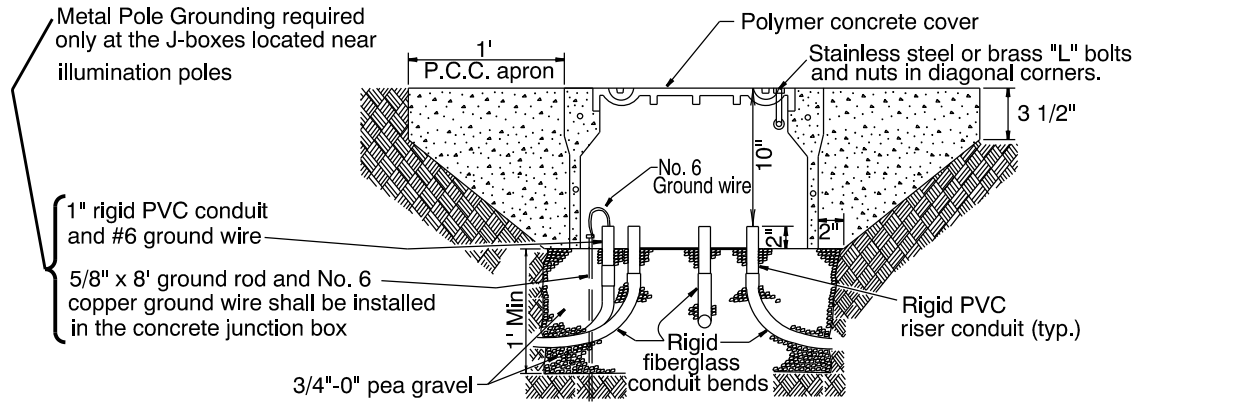


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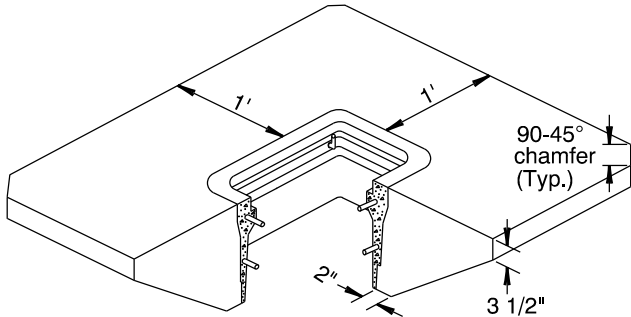


**CONCRETE JUNCTION BOX INSTALLATION WITH APRON (NEAR ILLUM. POLE)**

**NOTE**

No Scale

1. Illumination circuit wires are not shown. See Illumination Plans for details.
2. Illumination circuits shall be spliced according to Section 02926.41
3. Polymer concrete junction box cover is not to be bonded.
4. Metallic conduit, if used, shall be bonded and connected to circuit ground wires.



**CONCRETE APRON AROUND JUNCTION BOX**

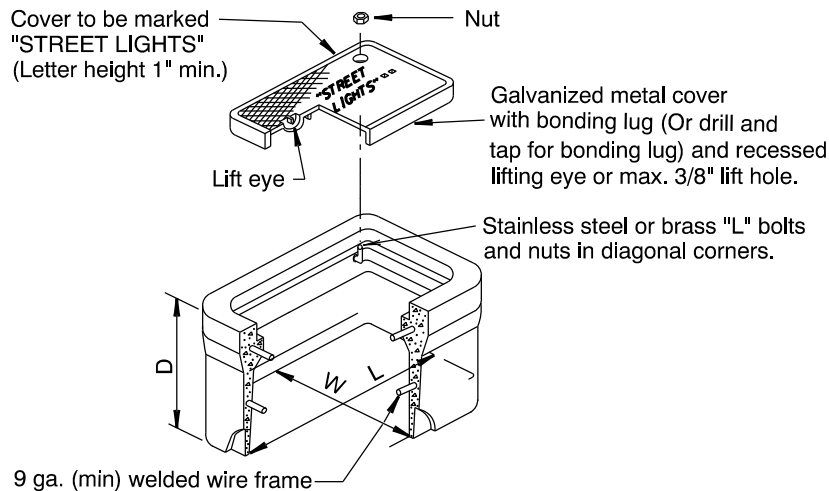
(Approx. 7 ft.<sup>3</sup> concrete in neat section)

| Type | Min.* Thickness | L** | W   | D Min. | Edge Thickness |
|------|-----------------|-----|-----|--------|----------------|
| 1    | 1"              | 17" | 10" | 12"    | 1"             |
| 2    | 1"              | 22" | 12" | 12"    | 2"             |
| 3    | 1"              | 30" | 17" | 12"    | 2"             |

\* Excluding conduit web

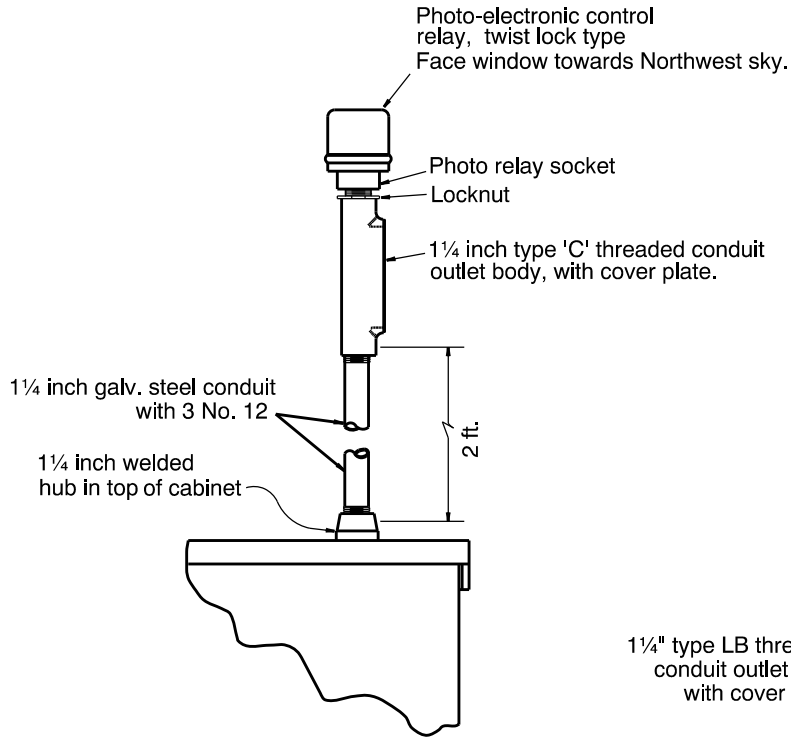
\*\* Top Dimension

**JUNCTION BOX DIMENSION**



**PRECAST CONCRETE ILLUMINATION JUNCTION BOX**

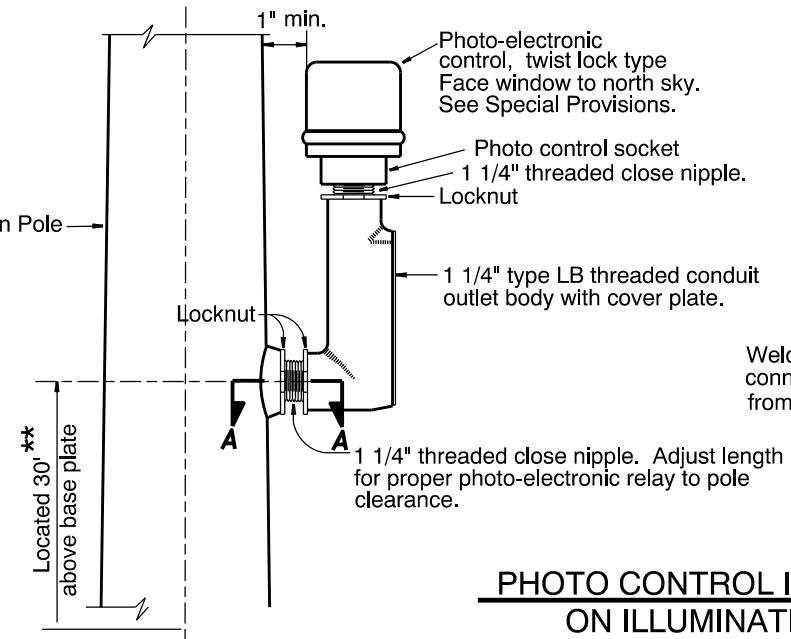
Not to be used in travel lanes, shoulders or areas exposed to traffic.



**PHOTO CONTROL INSTALLATION**

**ON POST MOUNT CABINET**

No Scale



**PHOTO CONTROL INSTALLATION**

**ON ILLUMINATION POLE**

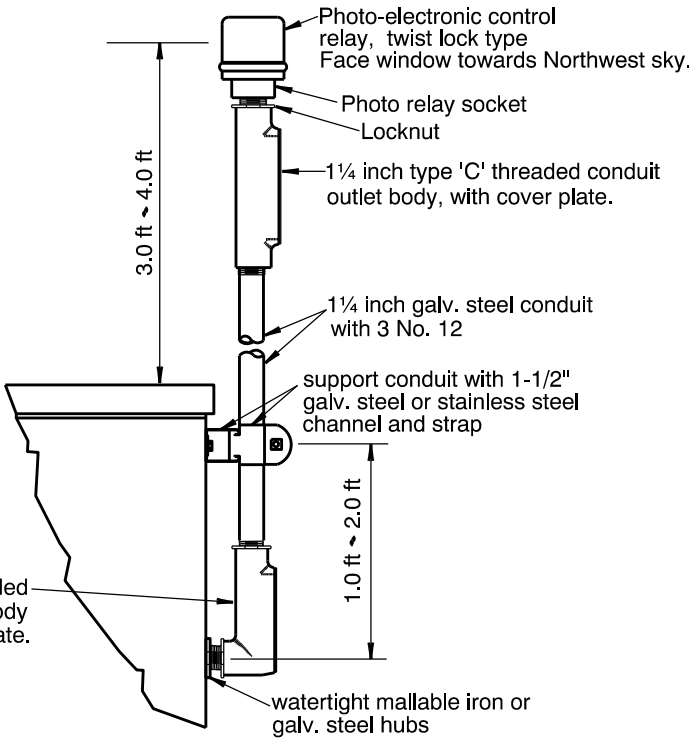
No Scale

Note: Hub shall be 3000 lb. threaded forged carbon steel flat weld hub by Anvil Products Inc., Phoenix Forging Co., Bonney Forge & Tool Works or approved equal.

\*\* If Pole is shorter than 30', use "24" instead of "30"

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

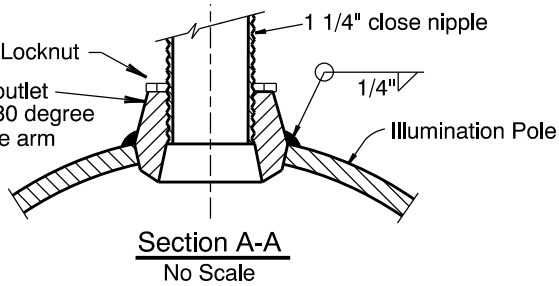
**ILLUMINATION DETAILS**



**PHOTO CONTROL INSTALLATION**

**SIDE OF PAD MOUNT CABINET**

No Scale



**Section A-A**

No Scale



**OREGON DEPARTMENT OF TRANSPORTATION**  
TECHNICAL SERVICES  
DETAILS

ILLUMINATION DETAILS

DETAIL NO.

DET4320