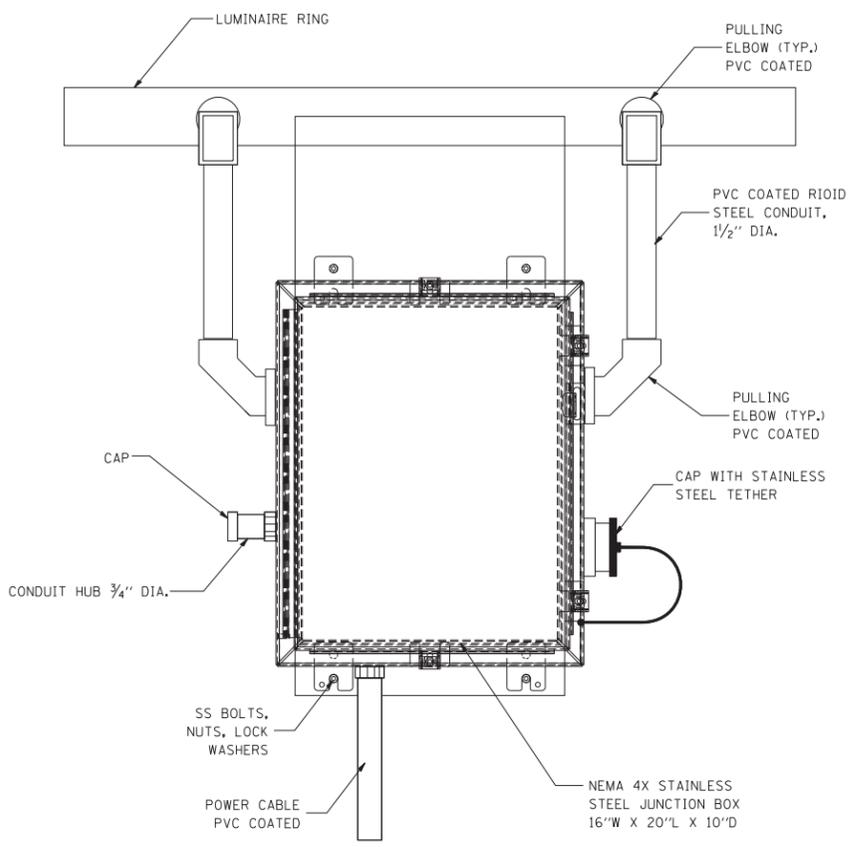
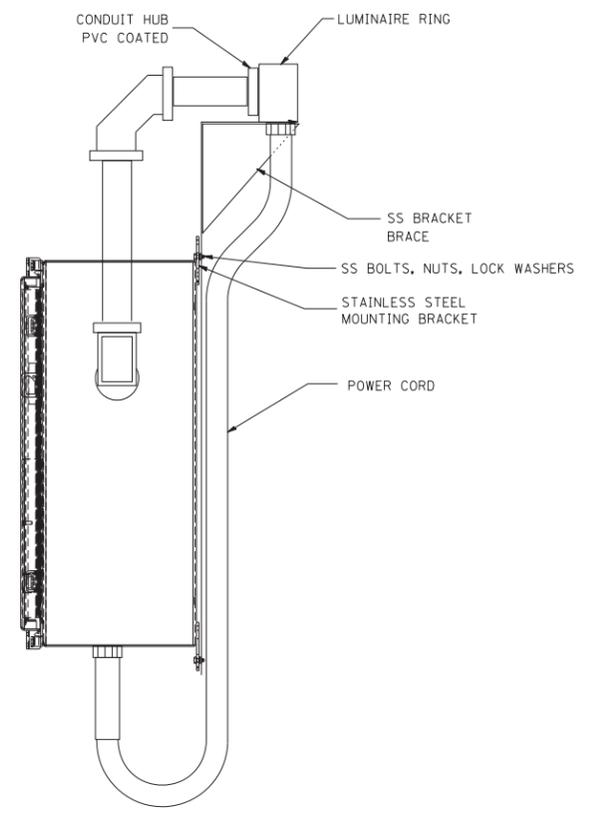


DETAIL - "D"

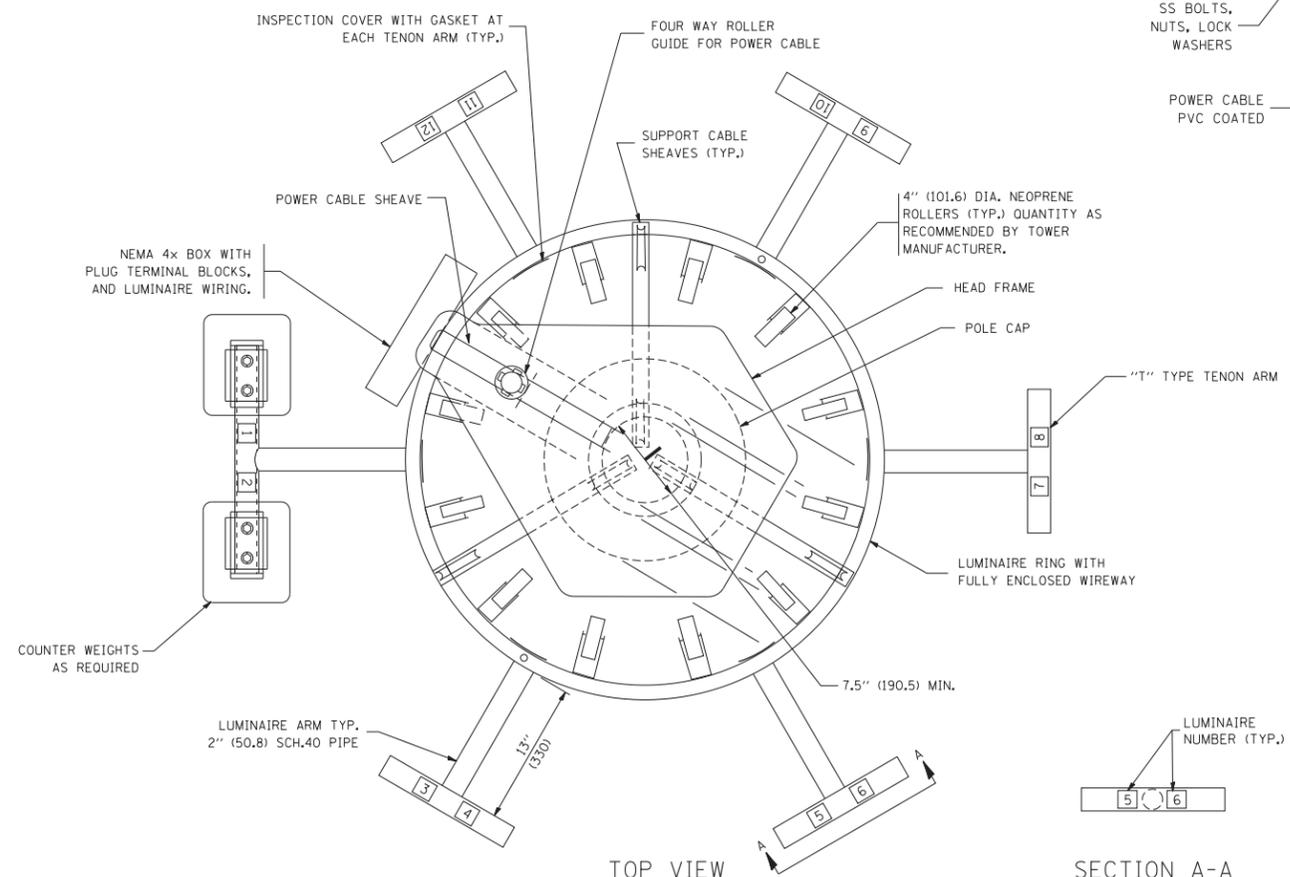


FRONT VIEW  
N.T.S.

LUMINAIRE RING TERMINAL BOX

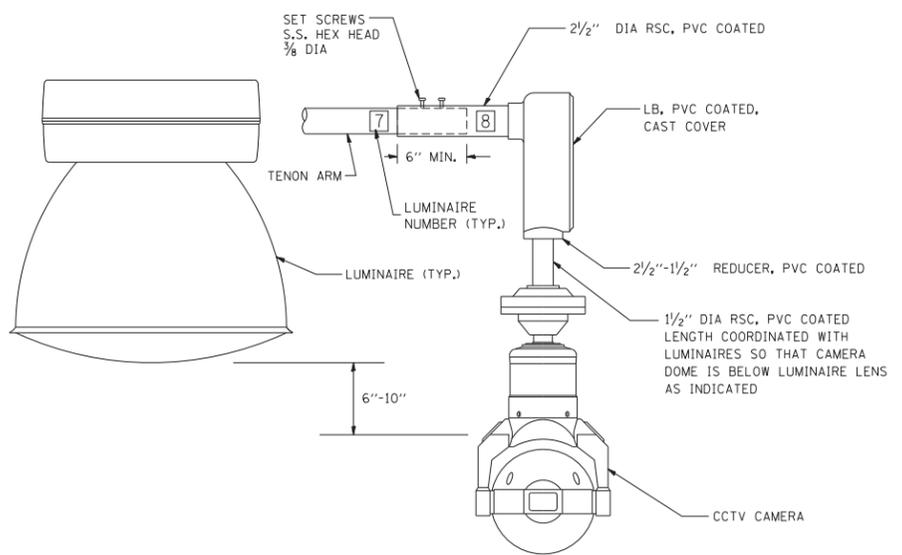


SIDE VIEW  
N.T.S.



TOP VIEW

SECTION A-A



CCTV CAMERA MOUNTING DETAIL

NOTES:

- LUMINAIRE WIRES SHALL EXTEND 24 INCHES (609 mm) LONGER THAN THEIR RESPECTIVE TENON ARM AND SHALL BE TRAINED BACK INTO THE ARM WHICH SHALL THEN BE CLOSED WITH A CAP AS SPECIFIED ALL WIRES SHALL BE CAPPED WITH HEAT SHRINK INSULATING BOOTS, CRIMP CAPS ARE UNACCEPTABLE. ALL RING WIRES SHALL BE TAGGED WITH WIRE MARKERS AT BOTH ENDS THE TENON ARMS SHALL ALSO BE TAGGED CORRESPONDING TO THE WIRING CONTAINED WITHIN.
- SPLICING WILL NOT BE ALLOWED WITHIN THE LUMINAIRE RING.
- ALL TOWER SHAFT HARDWARE, SUCH AS GROUND LUGS, JUNCTION BOXES, HARDWARE FOR THE HANDHOLE DOOR, INCLUDING THE HANDLE/LATCH MECHANISM, HINGE AND DOOR STOP, SHALL BE STAINLESS STEEL. ALL CONDUIT AND CONDUIT FITTINGS SHALL BE PVC COATED GALVANIZED STEEL.
- ALL MULTI-CONDUCTOR CABLES SHALL BE FITTED WITH A HEAT-SHRINK MULTI-LEG BOOT. THE BOOT SHALL MEET MILITARY SPECIFICATION MIL-I-81765/1.

|   |                              |            |                               |
|---|------------------------------|------------|-------------------------------|
| FILE NAME =                                     | USER NAME = drivakosgn       | DESIGNED - | REVISED - R. TOMSONS 08-04-03 |
| ca:\pw\work\p1dot\drivakosgn\d0108364\be500.dgn |                              | DRAWN -    | REVISED - R. TOMSONS 05-11-09 |
|   | PLOT SCALE = 50.0000 ' / IN. | CHECKED -  | REVISED - R. TOMSONS 09-02-09 |
|   | PLOT DATE = 9/21/2010        | DATE -     | REVISED -                     |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: NONE SHEET NO. 2 OF 3 SHEETS STA. TO STA.

HIGH MAST LIGHT TOWER  
90 FT TO 110 FT (27 m TO 34 m)

|   |                       |              |              |           |
|---|-----------------------|--------------|--------------|-----------|
| F.A. RTE.                                       | SECTION               | COUNTY       | TOTAL SHEETS | SHEET NO. |
|   | (0405-1 & 0506-2) R-1 | COOK         | 577          | 441       |
| BE-500  |                       | CONTRACT NO. | 60M57        |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |                       |              |              |           |