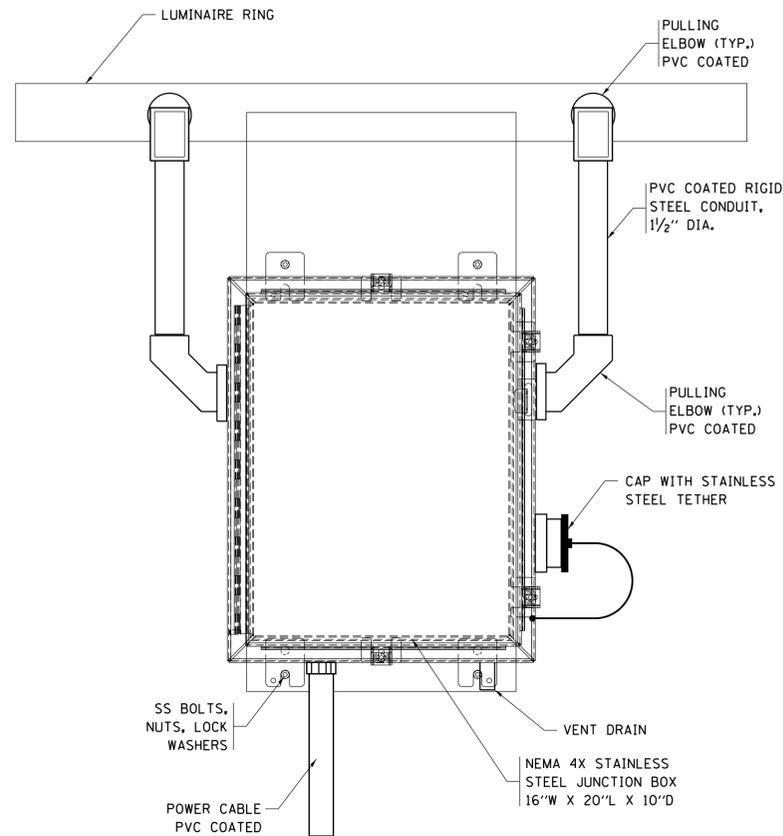
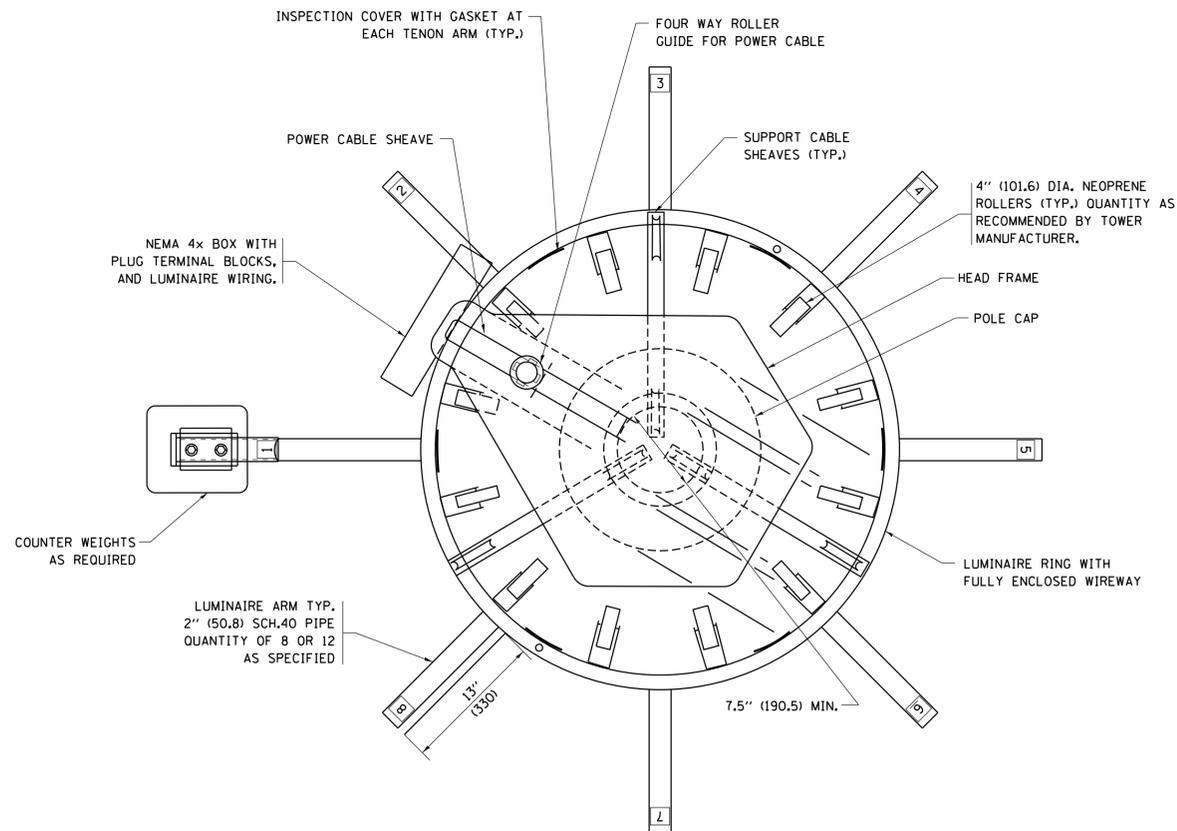
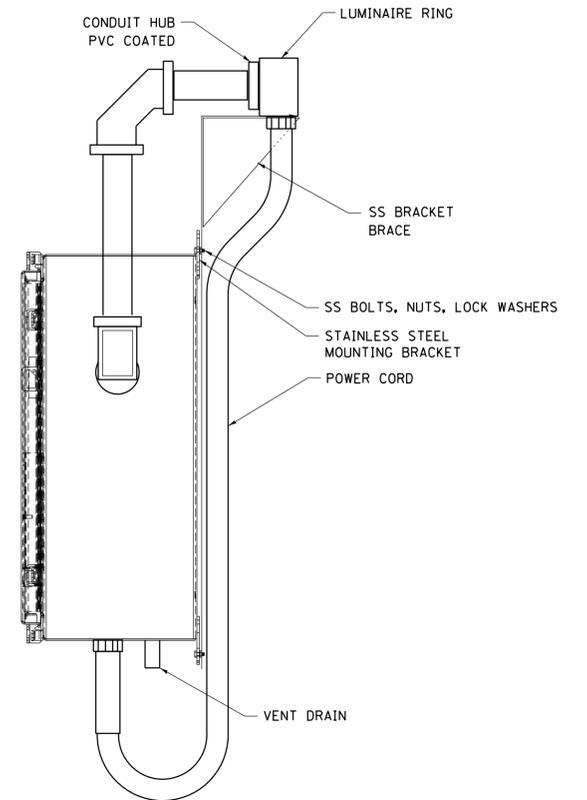


**DETAIL-"D"**



**FRONT VIEW  
N.T.S.**



**SIDE VIEW  
N.T.S.**

**LUMINAIRE RING TERMINAL BOX**

**NOTES:**

- LUMINAIRE WIRES SHALL EXTEND 24 INCHES (609mm) LONGER THAN THE 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 = footemj	DESIGNED -	REVISED - R. TOMSONS 09-02-10
pw:\IL084EBID\INTEG.11\inois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\Dist...DRAWN\CADDData\CADsheets\be500.dgn		CHECKED -	REVISED - R. TOMSONS 02-27-13
Default	PLOT SCALE = 50.0000' / in.	DATE -	REVISED - R. TOMSONS 04-29-16
	PLOT DATE = 7/27/2016		REVISED - R. TOMSONS 07-26-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HIGH MAST LIGHT TOWER  
100 FT TO 160 FT (30 m TO 49 m)**

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BE-500			
ILLINOIS FED. AID PROJECT		CONTRACT NO.		