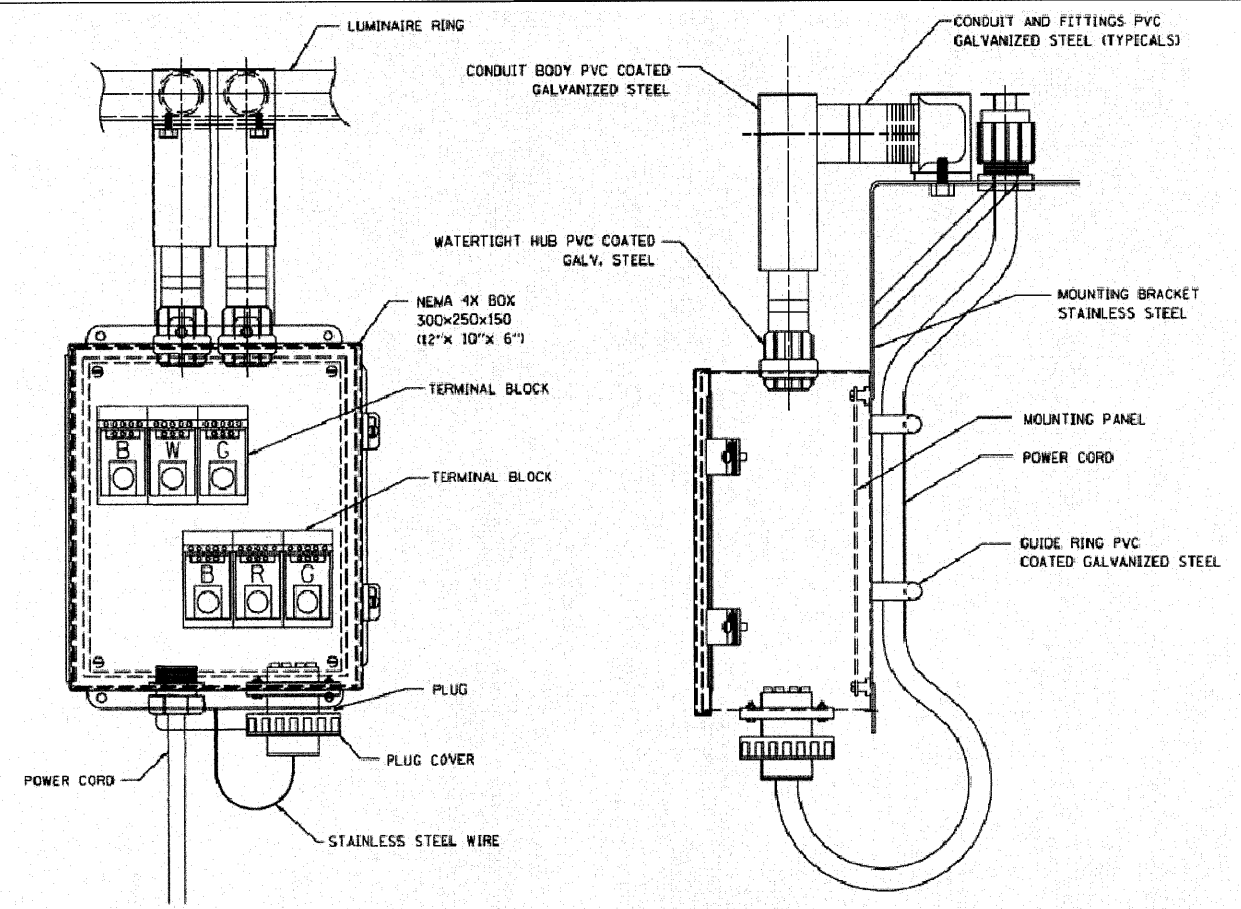


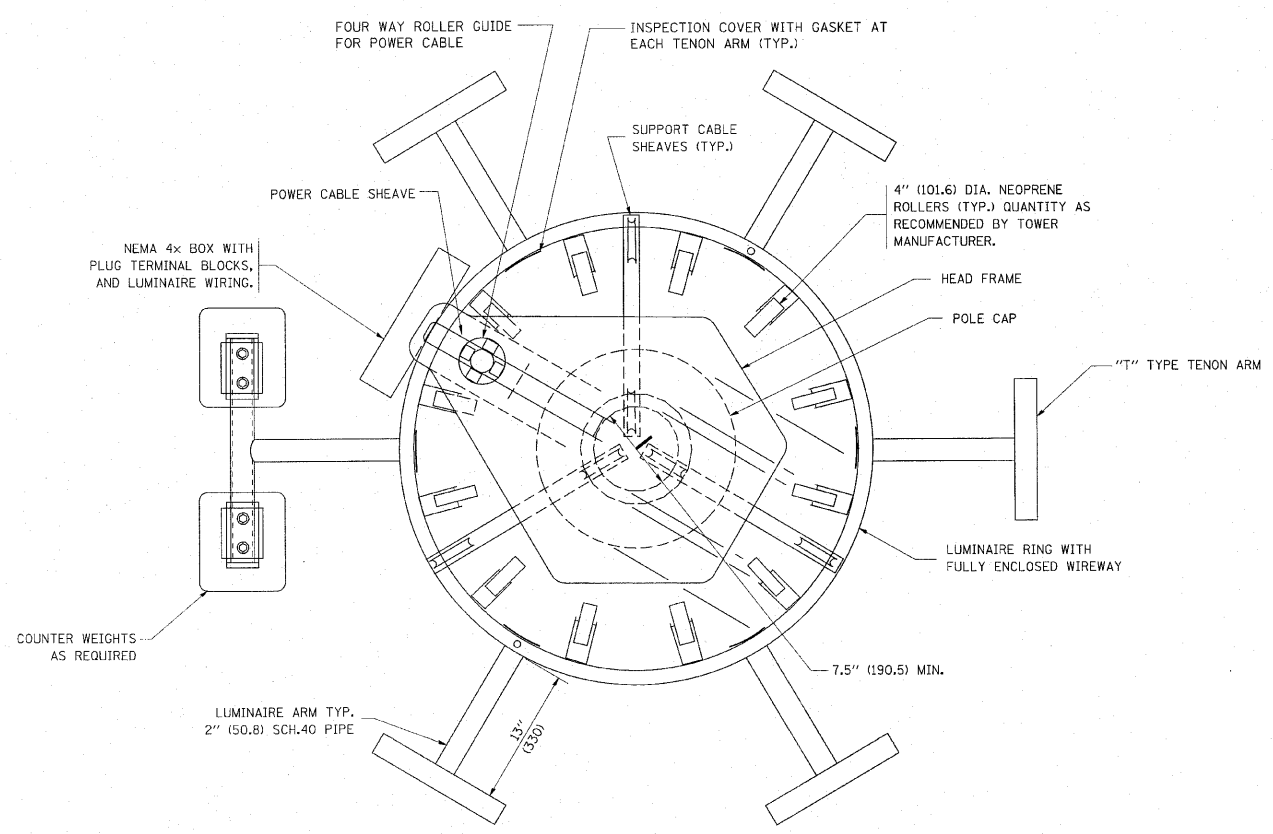
DETAIL-'D'



FRONT VIEW

SIDE VIEW

LUMINAIRE RING TERMINAL BOX



SECTION A-A

NOTES:

1. LUMINAIRE WIRES SHALL EXTEND 609 MM (24 INCHES) LONGER THAN THEIR RESPECTIVE TENON ARM AND SHALL BE TRAINED BACK INTO THE ARM WHICH SHALL THEN BE CLOSED WITH A PROTECTIVE CAP FOR SHIPMENT TO THE JOBSITE. ALL WIRES SHALL BE CAPPED WITH HEAT SHRINK INSULATING BOOTS. 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.
2. SPLICING WILL NOT BE ALLOWED WITHIN THE LUMINAIRE RING.
3. 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.
4. ALL MULTI-CONDUCTOR CABLES SHALL BE FITTED WITH A HEAT-SHRINK MULTI-LEG BOOT. THE BOOT SHALL MEET MILITARY SPECIFICATION MIL-I-81765/1.
5. THE RING SHALL BE COMPLETE WITH A COUNTERWEIGHT FOR EACH UNUSED LUMINAIRE POSITION PLUS ONE ADDITIONAL COUNTERWEIGHT. COUNTERWEIGHTS SHALL BE BASED UPON THE LUMINARIES TO BE INSTALLED ON EACH RESPECTIVE TOWER.

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HIGH MAST LIGHT TOWER 90 FT TO 120 FT (27 m TO 36 m)			F.A. RTE. 3537	SECTION (4Y&22-3)R-2	COUNTY DuPage	TOTAL SHEETS 284	SHEET NO. 161	
PLOT SCALE =		DRAWN -	REVISED -		SCALE: NONE	SHEET NO. 2	OF 3 SHEETS	STA.	TO STA.	BE-500			CONTRACT NO. D-91-533-00
PLOT DATE =		CHECKED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								
		DATE -	REVISED -										