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- Diagram illustrating the typical luminaire assembly, showing the arrangement of components around a central circular structure.
- Labels and components shown:
- DN 50 (2") STANDARD PIPE
  - RECTANGULAR TUBE
  - JUNCTION BOX AND POWER CABLE SUPPORT (1-REQUIRED)
  - LIGHTNING ARRESTOR (SEE SPECIAL PROVISIONS)
  - POWER INLET (FOR SYSTEM TESTING IN LOWERED POSITION).
  - HOUSE-SIDE SHIELD WHERE REQUIRED. INDICATES ORIENTATION OF SHIELD IF DIFFERENT FROM AIMING ANGLE OF LUMINAIRE.
  - 155°
  - INDICATES AIMING ANGLE FOR LUMINAIRE MEASURED CLOCKWISE FROM DUE NORTH. DUE NORTH IS 0°.
  - 120° (TYP.)
  - 45° (TYP.)
  - LUMINAIRE AND BALLAST (TYP.)
  - SUPPORT CABLE TIE AND MOUNTING DEVICE (3-REQUIRED)
- ASSEMBLY
- POWER UNIT\* - HEAVY  
VISIBLE GEAR MOTOR,  
CONTROLLED AND EQUIPPED  
LIMITER.
- \* PLUG MUST FIT  
COVER
- TYPICAL FOR 8 LUMINAIRES. NUMBER OF  
LUMINAIRES SHALL BE AS SHOWN ON THE PLANS.
- DETAIL 5

**DETAIL F**

**LUMINAIRE SUPPORT ASSEMBLY**



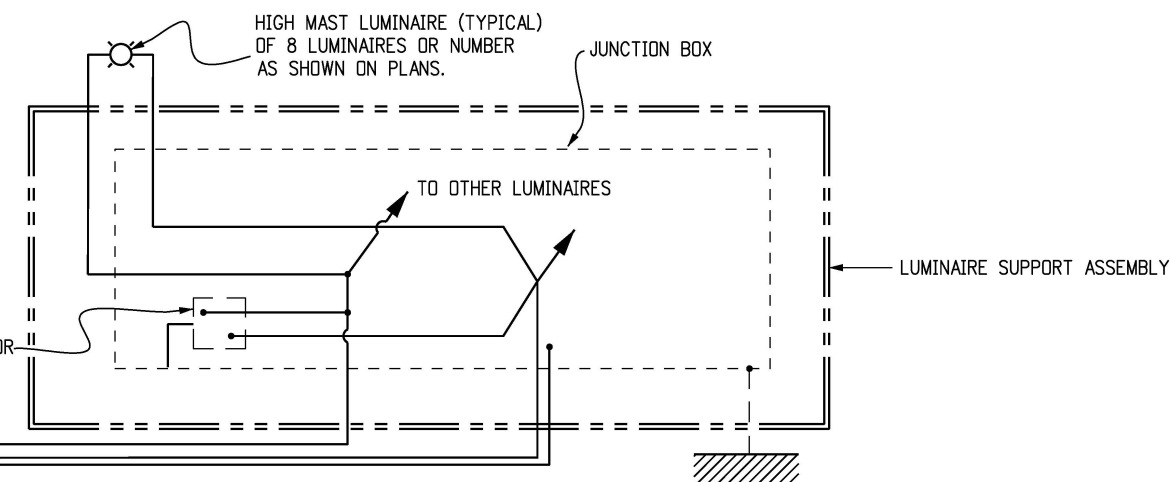
Diagram illustrating the components and connections for a pole base assembly:

- HOISTING CABLES (3-REQUIRED)
- POWER CABLE
- JUNCTION RING ASSEMBLY
- POWER CABLE SUPPORT
- WINCH CABLE
- PORTABLE POWER UNIT\* - HEAVY DUTY REVERSIBLE GEAR MOTOR, REMOTE CONTROLLED AND EQUIPPED WITH TORQUE LIMITER.
- BRACKETS (EQUIPPED WITH POLE)
- SWITCH BOX
- INLINE STEP-DOWN TRANSFORMER
- MAIN POWER RECEPTACLE
- QUICK DISCONNECT
- INCOMING POWER SUPPLY
- REMOTE CONTROL
- \* PLUG MUST FIT INTO MAIN POWER RECEPTACLE.

**DETAIL G**  
**POLE BASE**



NOTE: WIRING DIAGRAM IS BASED ON THE USE OF A 240V SYSTEM  
WITH ELECTRICAL EQUIPMENT SIZED PER N.E.C.



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Creation Date: 07/31/19	<div><div></div><div></div></div>	mm/dd/yy	XXXXXXX	XXXXXX	No Revisions: mm/dd/yy			XXXXX/XXXX					
Designer Initials: JBK	<div><div></div><div></div></div>	mm/dd/yy	XXXXXXX	XXXXXX		Revised: mm/dd/yy	Designer: XXXXXXXX		D-613-2				
Last Modification Date: 07/31/19	<div><div></div><div></div></div>	mm/dd/yy	XXXXXXX	XXXXXX			Detailer: XXXXXXXX		Sheet Number: 1 of 1				
Detailer Initials: LTA	<div><div></div><div></div></div>	mm/dd/yy	XXXXXXX	XXXXXX									
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English	<div><div></div><div></div></div>	mm/dd/yy	XXXXXXX	XXXXXX			Void: mm/dd/yy	Sheet Subset: XXXXXXXX	Subset Sheets: XXX of XXX	Project Sheet Number: XX			