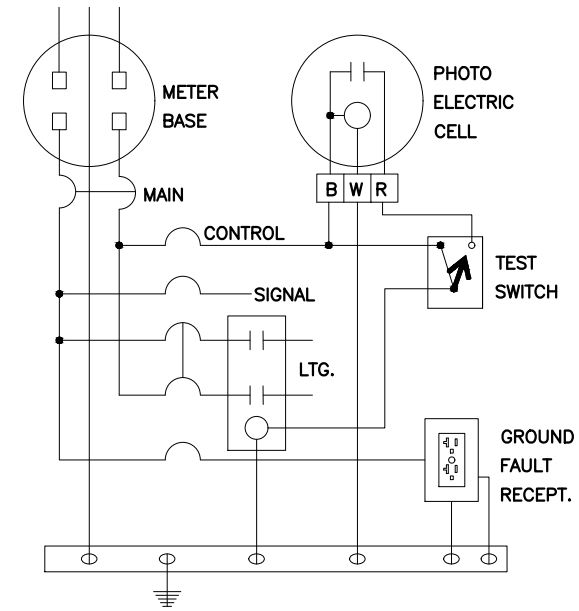


120/240VAC, 1 PHASE, 3 WIRE



WIRING SCHEMATIC

**COMPONENT SCHEDULE**

- ① METERBASE: 100 AMP, 4 JAW, B-LINE #114TB, SAFETY SOCKET TYPE, 5TH JAW KIT
- ② PANELBOARD: 120/240 VAC, 100 AMP BUS, 1 PHASE, 3 WIRE, COPPER BUS, 18 CKT EATON 100A 2 POLE MAIN BREAKER, BAB2100 (BACK-FED)  
EATON BAB BOLT-ON BREAKERS:  
  - 2 - 20 ILLUMINATION BRANCH A, B
  - 1 - 20 SIGNAL BRANCH
  - 1 - 20 BRANCH, GFR
  - 1 - 15 BRANCH, CONTROL BRANCH
  - 11 - 1 POLE SPACE ONLY
- ③ CONTRACTOR: LIGHTING RATED, 30 AMP, 4 POLE, 120 VAC COIL:1 REQUIRED
- ④ DUPLEX RECEPTACLE, 120 VAC, GFI
- ⑤ PHOTO-CELL BYPASS SWITCH, SPST, 15 AMP, 277 VAC
- ⑥ PHOTO ELECTRIC CELL: 1800 WATT, 120 VAC, TWIST LOCK, ALR #SST-IES WITH 6"x6"x6" WIRE MESH GUARD.

**NOTES:**

- 1. SEE WSDOT STANDARD J.10.10 FOR BASE DETAILS.
- 2. SEE WSDOT STANDARD J.60.05 FOR GROUNDING DETAILS.

STANDARD DETAIL  
SERVICE CABINET FOR  
STREET LIGHTING



SCALE: AS SHOWN	DESIGNED	APPROVED BY	STANDARD SPECIFICATIONS
	DRAWN CAW		
DATE DRAWN 4/01/2020	CHECKED	DATE APPROVED	
REVISIONS		DATE	INITIAL
		09/07/2021	CAW

DETAIL NO.  
R-830

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