



NOTES:

- ① PROVIDE AND INSTALL ALL EQUIPMENT SHOWN FOR LIGHTING CONTROL.
- ② COORDINATE WITH AEP/PSO UNDERGROUND FEED FOR CONTROLLERS AND PROVIDE ANY TRENCHING AND CONDUIT NOT PROVIDED BY PSO FOR CONTROLLERS.
- ③ INSTALL ON BOX, TVSS IN NEMA 4X ENCLOSURE. TVSS TO HAVE VISIBLE INDICATING LIGHTS TO SHOW PROPER OPERATION AND FAULT.
- ④ DETAIL SHOWS 240V LIGHTS. 120V LIGHTS ARE ALSO ACCEPTABLE.
- ⑤ ALL CIRCUITS TO BE SIZED PER NEC FOR AMPACITY AND VOLTAGE DROP AND NUMBER OF CIRCUITS. NO WIRE SMALLER THAN #12 IS TO BE USED. ALL CIRCUITS TO CONTAIN A SEPARATE GREEN GROUND CONDUCTOR.
- ⑥ BOND ENCLOSURE TO GROUND BUS WITH #10 AWG WIRE.

NOTE:
PLACE AND BOLT LIGHTING CONTROLLER TO CONCRETE PAD. BOLT SIZE AND LOCATION PER MANUFACTURER RECOMMENDATION.

PROVIDE BURIED 3" PVC CONDUIT WITH CONDUCTORS FROM AEP-PSO TRANSFORMER POLE OR VAULT TO PANEL. METER TO BE INSTALLED ON PANEL. PANEL TO HAVE HINGED, LOCKABLE DOOR. SERVICE IS TO BE 240/120V SINGLE PHASE 100A SERVICE. CONTRACTOR TO COORDINATE WITH AEP-PSO AND PROVIDE ALL LABOR AND MATERIAL NOT PROVIDED BY AEP-PSO.

8' X 5/8" COPPER CLAD STEEL GROUND ROD WITH #6 AWG WIRE BONDED AND CONNECTED TO GROUND BUS IN ELECTRICAL PANEL.

LIGHTING CONTROLLER DETAIL AND SCHEMATIC

SCALE: NONE

STREET LIGHT STANDARD LIGHTING CONTROLLER AND SCHEMATIC	
CITY OF TULSA, OKLAHOMA ENGINEERING SERVICES DEPARTMENT	
DRAWN BY: R.M.O.	APPROVED
CHECKED BY: <i>HAS</i>	<i>[Signature]</i>
DATE: MARCH 2022	
NOT TO SCALE	STANDARD NO. 803