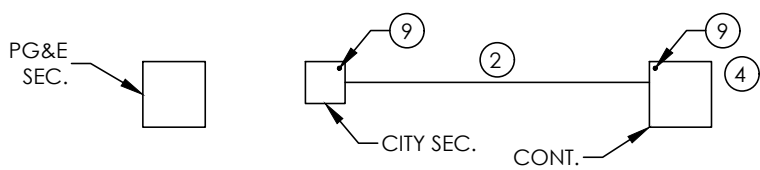
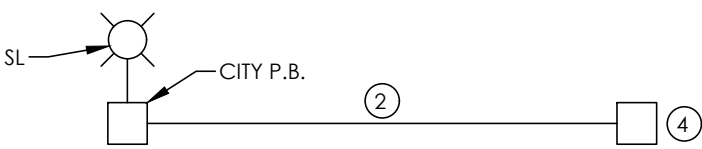


TYPICAL PG&E SECONDARY SERVICE



INSTALL NO. 3-1/2 PULL BOX WITH 1/2" X 8' COPPER CLAD GROUND ROD. INSTALL FUSE HOLDER WITH 10 AMP FUSE. EXTEND CONDUIT AND SERVICE WIRES (EXCEPT GROUND WIRE) TO PG&E SECONDARY BOX.

TYPICAL STREET LIGHT SERVICE



INSTALL FUSE HOLDER WITH 10 AMP FUSE IN EXISTING STREET LIGHT PULL BOX.

NOTES

1. SPRINKLER CONTROLLER SERVICE LOCATIONS SHALL BE ESTABLISHED PRIOR TO CONSTRUCTION.
2. ELECTRICAL SERVICE CONDUIT SIZE SHALL BE 1-1/2" SCHEDULE 40 18" DEEP.
3. CONDUCTORS SHALL BE MINIMUM NO. 10 (ONE WHITE, ONE RED) PULLED WITH A NUMBER 10 BARE COPPER BOND WIRE. BOND WIRE SHALL CONNECT TO ALL CONTROLLERS AND GROUND RODS IN THE SYSTEM.
4. CONTROLLER CABINETS SHALL BE INSTALLED PER CITY OF NAPA SPECIFICATIONS.
5. INSTALL 6"X6"X4" LANDING CAN WITH GROUND BUS. INSTALL #8 ARMORED GROUND CABLE FROM GROUND BUS TO CABINET FOUNDATION BOLT. INSTALL 1/2" OFFSET NIPPLE FROM LANDING CAN TO ONE SINGLE GANG HANDY BOX. INSTALL ONE GFCI DUPLEX RECEPTACLE INTO HANDY BOX.
6. INSTALL 14/3 SJO CORD WITH STRAIN RELIEF FROM SPRINKLER CONTROLLER BOX. INSTALL 90 DEGREE CORD CAP ON OTHER END OF SJO CORD AND PLUG INTO GFCI RECEPTACLE.
7. CONTACT CITY OF NAPA ELECTRICAL DIVISION PRIOR TO BACKFILLING ANY ELECTRICAL CONDUIT TRENCHES.
8. CONTACT CITY OF NAPA ELECTRICAL DIVISION FOR ELECTRICAL SERVICE LOCATIONS AND PRIOR TO STARTING ELECTRICAL WORK (707) 257-9588.
9. INSTALL 1/2"X8' COPPER CLAD GROUND ROD.

CITY OF NAPA

PUBLIC WORKS DEPARTMENT

**ELECTRICAL SERVICE SPECIFICATIONS
FOR SPRINKLER CONTROLLERS**

DRAWN BY:	BRL
DATE:	06/2018
SCALE:	NONE
FIELD NOTES:	

CHECKED BY:	SEC
APPROVED BY:	JRL
DRAWING NO.	E-8