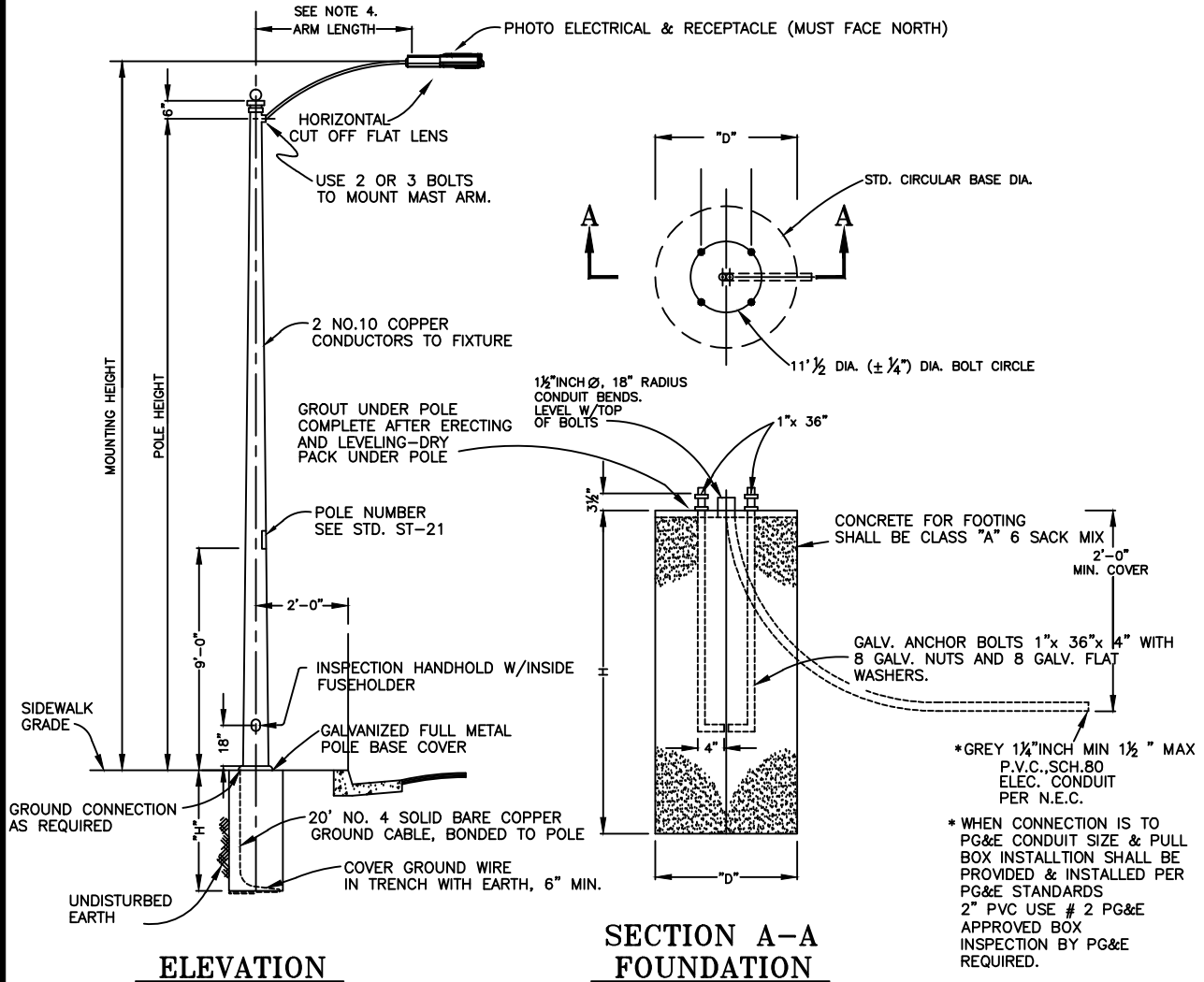


NOTES:

1. Lights installed at the intersection of two streets shall be the size specified for the widest right of way of the two streets. The fixture shall be directed perpendicular to the widest street for the best coverage on a four way intersection.
2. A street light shall be located at the top of all "T" intersections
3. No trees shall be planted within 30' of street lights
4. 12' Mast arm shall be used where pole is located behind a contiguous sidewalk. Pole centerline shall be located 18 inches from back of said sidewalk. Arm shall be Valmont model type DS32 for all arms.
5. Photo Cell must be oriented to the north.
6. See ST-21 through ST-24 for additional specifications.
7. A wattage label must be installed with each new light.
8. See ST-22 for LockJaw Lid requirements.

STREET CLASSIFICATION	GALVANIZED STEEL POLE HEIGHT*	ARM LENGTH	FIXTURES			LED TYPE II MODEL NUMBER *	MOUNTING HEIGHT	POLE SPACING (FEET)	BASE DIMENSION	
			VOLTS	LED	WATTS				D	H
RESIDENTIAL (THROUGH)	26'-6"	8/12	120	40	67	STR-LWY-2M-HT-04-D-UL-SV-525-R-UTL	28'-0"	180-220	2'-0	4'-6"
RESIDENTIAL (CUL-DE-SAC)	26'-6"	8/12	120	40	67	STR-LWY-2M-HT-04-D-UL-SV-525-R-UTL	28'-0"	180-220	2'-0	4'-6"
COLLECTOR STREET 80'	26'-6"	8/12	120	50	84	STR-LWY-2M-HT-05-D-UL-SV-525-R-UTL	28'-0"	180-220	2'-6	5'-0"
100' ARTERIAL STREET	31'-0"	8/12	120	100	163	STR-LWY-2M-HT-10-D-UL-SV-525-R-UTL	32'-6"	180-220	2'-6"	5'-0"
106' ARTERIAL	31'-0"	8/12	120	60	99	STR-LWY-2M-HT-06-D-UL-SV-525-R-UTL	32'-6"	180-220	2'-6"	5'-0"
TRAFFIC SIGNAL	31'-0"	8/12	120	60	99	STR-LWY-2M-HT-06-D-UL-SV-525-R-UTL	SPECIFICATIONS PER POLE REQUIRED			



\* Pole to follow Valmont Pole Standard. Specifications available at [valmontstructures.com](http://valmontstructures.com)  
 \* For LED lighting specifications refer to LEDway specifications available at [ledway.com](http://ledway.com)

# LED STREET LIGHT INSTALLATION

REF. & REV.  
 AUG 2012  
 FEB. 2013  
 JULY 9, 2013  
 MAR 6, 2014

CITY OF MADERA  
**ST-20**