NOTES:

1. Mast arm shall be 8'–0" if pole is located 2'–0" from face of curb and 12'–0" if at back of sidewalk. Mast arms shall be 12'–0" for double street lights.

2. Pole shall be in place and truly plumbed and luminaire leveled before placing dry pack mortar.

3. Conduit location and size shall be as shown on the approved plans. Minimum size conduit shall be 2" Schedule 40 PVC.

4. Luminaire shall be LED. The wattage and distribution as shown on the plans.

5. All street lights shall be wired for 240 Volts.

6. Poles and arms shall have bolt patterns and equivalent in construction and appearance stocked by the City at the Redwood City Municipal Services Center.

7. Poles and arms shall be factory painted per City Standard Specifications.

8. Each Street Light shall be installed with a #3–1/2 street light pull box. See Detail E–4.

9. Bonding of poles shall be by bonding wire to ground rod in pull box.

10. All lights shall be wired to a Type III BF service pedestal containing one 200 AMP meter.


12. LED luminaires shall comply with Standard Specifications Sections 86 and 87.

13. Luminaires shall be equipped with ANSI C136.41–compliant, locking–type, photocell receptacle with dimming connections.

14. Luminaires shall be equipped with Type IV photoelectric control (ROAM REN127DVI, or approved equal).
NOTES:
1. Arm length shall be 12'.
   Two (2) luminaire arms shall be furnished and installed.
2. Pole shall be in place and truly plumbed and luminaire leveled before placing dry pack mortar.
3. Conduit location and size shall be as shown on the approved plans. Minimum size of conduit shall be 2" Schedule 40 PVC.
4. Luminaires shall be HIGH PRESSURE SODIUM VAPOR. The wattage and distribution as shown on the plans. Luminaire type, wattage, and distribution to be determined by City Engineer or his designated representative.
5. All street lights shall be wired for 240 volts.
6. Poles and arms shall bolt patterns and equivalent in construction and appearance stocked by the City at the Redwood City Municipal Services Center.
7. Poles and arms shall be factory painted per City Standard Specifications.
8. Each Street Light shall be installed with a #3–1/2 Street light pull box. See Detail E–4.
9. Bonding of poles shall be by bonding wire to 4 anchor bolts.
10. All lights shall be wired to a Type III BF service pedestal containing one 200 AMP meter unless otherwise approved; No individual photo cells.

CITY OF REDWOOD CITY
ENGINEERING AND TRANSPORTATION

STREET LIGHT (DOUBLE)
(TWO ARMS LUMINAIRE STREET LIGHTING)

DATE: 06/23/14
NOTES:
1. Concrete for foundation shall conform to the Standard Specifications.
2. See Standard Details E-3 and E-7 for more information
3. Top of foundation shall be finished, troweled, and edged.
4. Furnish and install 4 each anchor bolts and anchor plate. Stub bolts 4" above Base.
6. Furnish and install 1/2"Øx8' Copper Ground Rod in Pull Box.
7. Contact Underground Services Alert (USA) prior to any excavation.
8. Conduit bends shall be sweeping nineties. No sharp bends will be allowed.
9. Conduits terminating in pull boxes shall be sealed with duct seal after wires are pulled.
10. Splices shall be done using "C" crimp connectors taped and coated with "SCOTCHCOAT".
11. At least 3 feet of slack shall be left for each conductor at each splice.

POLE TYPE | ANCHOR BOLT SIZE | FOUNDATION WIDTH | DEPTH
-----------|------------------|------------------|------
SINGLE ARM | 1"Ø x 36"        | 2'-6"            | 6'-0"
DOUBLE ARM | 1 1/4" x 42"     | 2'-6"            | 7'-0"

SPECIALIZED SERVICES, INC.

DATE: 11/25/19

CITY OF REDWOOD CITY
ENGINEERING AND TRANSPORTATION
STREET LIGHT FOOTING

PROJECT DETAIL
E-4
SHT 1 OF 1

NOT TO SCALE
NOTES:

1. Clearances of pole to face of curb shall be a MINIMUM of 2'-0" for pole heights of 17' to 30'. Poles shorter than 17' shall be located a minimum of 4'-0" clear from face of curb.

2. Pole shall be in place and truly plumbed before placing dry packed mortar.

3. Conduit location and size shall be as shown on approved plans. Minimum size of all conduits installed shall be 2". Stub conduit 4" above base.

4. Luminaires shall be HIGH PRESSURE SODIUM VAPOR. The wattage and distribution as shown on the plans.

5. All street lights shall be wired to a 240 volt circuit.

6. Poles and arms shall be factory painted per City Standard Specifications.

7. All lights shall be wired to a Type III BF service pedestal with one 200 AMP meter unless otherwise approved. No individual photo cells.

NOT TO SCALE