18" Tapered Mast Arm, 6.5" Min. O.D. #8 pole x 0.1793 Thickness Max. Taper = 0.140"/Ft.

Provide rain tight cap

12" Flashing yellow LED beacon tunnel wear and 5" back plate (3 req'd.) 35 Watt (Typ.)

3" x 36" Steel pipe Galvanized for solar panel assembly

For additional info., REF:
Cal Trans Typ'd ES-98

Plate 1/4" x 14" x 14" for flasher cabinet min.

Plate 1/4" x 18" x 18" for battery cabinet

5" x 5" x 8" inch thick conc pad w/ rebar mesh in front of flasher cabinet w/ rough broom finish

12 - #7 vert bars equally spaced w/ #4 stirrups on 6" centers

FRAME DET.'s. (TYPE 9A)
CONTROL ASSEMBLY SPECS.

Temperature Range
-50 to +74°C

Contractor Installed
Solar Powered

Two batteries in a separate cabinet

Voltage Regulator Current and Voltage Meters (in cabinet)

Separate cabinet for electronics

Cel-tel Batteries
100 amp hour

12VDC Flasher

OPP2102 Timeswitched w/ antenna & CFC harness
(154.9950 MHz radio frequency)

400psi conc footing

1/16" x 111/2" x 111/2" x 11/2" x 3/8" Holes for 5/16"hex bolt w/ flat washers, fiber washers, lock washer & nut.

Yellow background

White background

SS-1 (24"x48") 2 Req'd.

Inconesdant light fixture if req'd. See Type 9A & 98 Det. Sht. & Note 4

ELEVATION
N.T.S.

NOTES
1. ALL SPLICES BETWEEN FLOURESCENT FUTURE SOCKETS SHALL BE WATERPROOFED.
2. INSTALL FLOURESCENT BEACONS & SIGN FRAME. FLOURESCENT BEACONS TO BE MOUNTED ON PIPE TENNION (ES-85 DETAIL S).
3. VERTICAL CLEARANCE TO BE 170"MIN. BETWEEN ROADWAY & BOTTOM OF SIGN PANEL OR LIGHTING FIXTURE BRACKET.
4. SPECIAL PROVISIONS OR PLANS WILL INDICATE WHEN INCANDESCENT LIGHTING FIXTURE IS REQUIRED ON TYPE 9A OR 98 SIGN FRAMES.
5. ALL TYPE 9 SIGN FRAMES SHALL BE PROVIDED WITH A 36" FLOURESCENT SIGN LIGHTING EQUIPMENT.
7. ALL CONCRETE SHALL BE MIN. 6.5 SACKS OF TYPE II CEMENT (661 LBS) PER CU YD. OF CONCRETE—4000 PSI COMPRESSIVE STRENGTH @ 28 DAYS WITH 4.5 – 7.5% AIR.

SCHOOL SIGNAL

NO. REVISED DATE
1 NOTE 7 12/11/2020

SECTION: WASHOE

DRAWING NO. W-20

DATE 10/01/20 PAGE 36