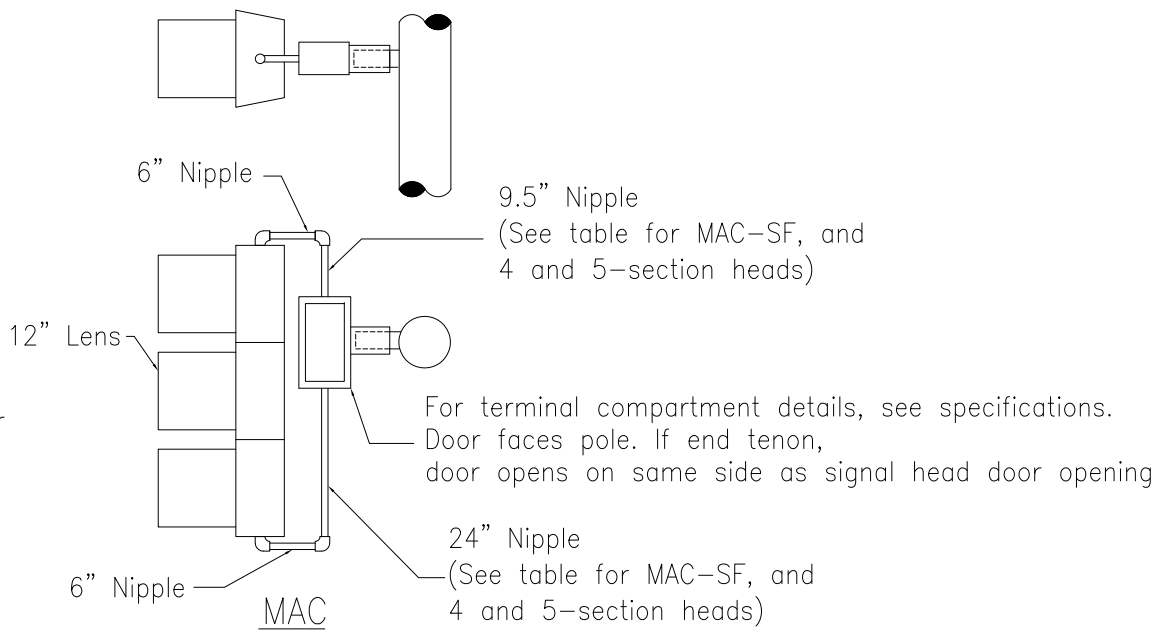


MAC & MAC-SF MOUNT TERMINAL COMPARTMENT POSITION FOR 3, 4 AND 5-SECTION HEADS		
# OF SIGNAL SECTIONS	MAC	MAC-SF
3-SECTION	Between Signal Head 1st & 2nd section (shown below)	Between Signal Head 2nd & 3rd section
4-SECTION	Between Signal Head 1st & 2nd section	Between Signal Head 2nd & 3rd section
5-SECTION	Between Signal Head 2nd & 3rd section	Between Signal Head 3rd & 4th section



MOUNTING DETAIL	POLE DIAMETER	LENS TYPE	TOP NIPPLE LENGTH	BOTTOM NIPPLE LENGTH
SV-2-TA SV-2-CT SV-3-TA SV-3-TA-SF	If Diam $\leq 8"$ and 8" Sections		12½"	12"
	Otherwise		16½"	16"
SP-1-T SP-2-T	4" TO 6"	Pedestrian	12½"	12"
	7" TO 8"	Pedestrian	14½"	14"
	> 8"	Pedestrian	18½"	18"
TV-1-T	ANY	12" Sections or Combinations	12½"	12"

Notes: Combinations denote at least one 12" lens on the signal head.
All dimension are expressed in inches.

NOTES:

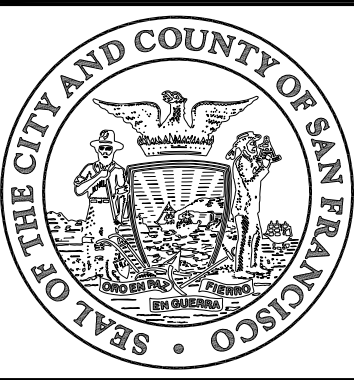
1. Mountings shall be oriented to provide maximum horizontal clearance to adjacent roadway.
2. Bracket arms shall be long enough to permit proper alignment of signals and backplates.
3. See State of California Department of Transportation standard plans ES-4D and ES-4E for attachment fitting details (except pole plates).
4. All framing shall be 1-1/2 hot dip galvanized pipe.
5. Mounting details are for internally wired poles.
6. Mounting height is measured from the sidewalk to bottom of lower bracket nipple.
7. For side mounted signals, U-bolt clamp required for steel or concrete poles. Pole plate with lag screws for wood poles.
8. Framework plugs shall be galvanized steel.
9. For TV-2-T-SFA and TV-2-T-SFB mountings, the terminal compartment shall be oriented to face the nearest curb to provide for street access.
10. See State of California Department of Transportation Standard plans ES-4A and ES-4B for other types of signal head mounting details.

ABBREVIATIONS:

TP	Top mounted pedestrian signal
TV	Top mounted vehicular signal
SP	Side mounted pedestrian signal
SV	Side mounted vehicular signal
2,3,4	Number of signal heads (3 section unless otherwise indicated)
	Terminal compartment
TA	Terminal compartment in configuration "A" (See Caltrans ES-4A)
SF	San Francisco Standard
SFA	San Francisco Standard in configuration "A"

[illegible]

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY
TRANSPORTATION ENGINEERING
CITY AND COUNTY OF SAN FRANCISCO

DESIGNED:	DATE:	APPROVED	
DPT	01/01/95	HARVEY QUAN	01/24/02
DRAWN:	DATE:	SECTION ENGINEER	DATE:
CXL	07/27/99		
CHECKED:	DATE:	BOND M. YEE	1/24/02
RO/BW	1/4/02	CITY TRAFFIC ENGINEER	DATE:

SCALE:

NONE

SHEET OF SHEETS

1 OF 1

SIGNAL HEAD MOUNTINGS

SPECIFICATION NO.
DRAWING NO. STR-7025
FILE NO.
REV. NO. 1