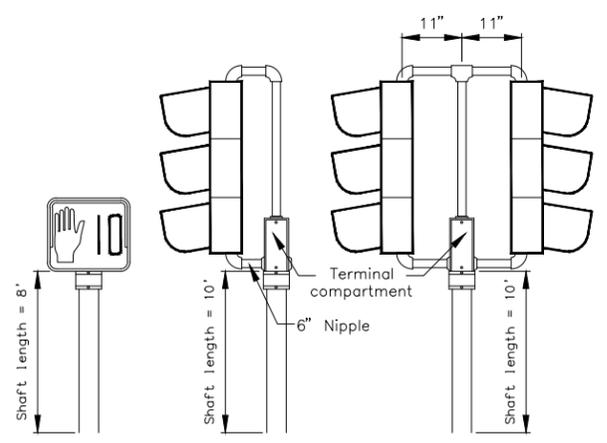
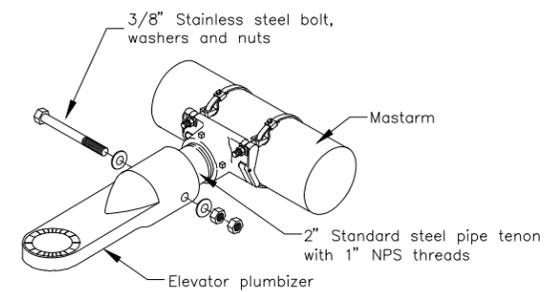


SIDE MOUNTED SIGNAL FRAMES WITH VEHICULAR SIGNALS
(SHOWN WITHOUT BACKPLATES)



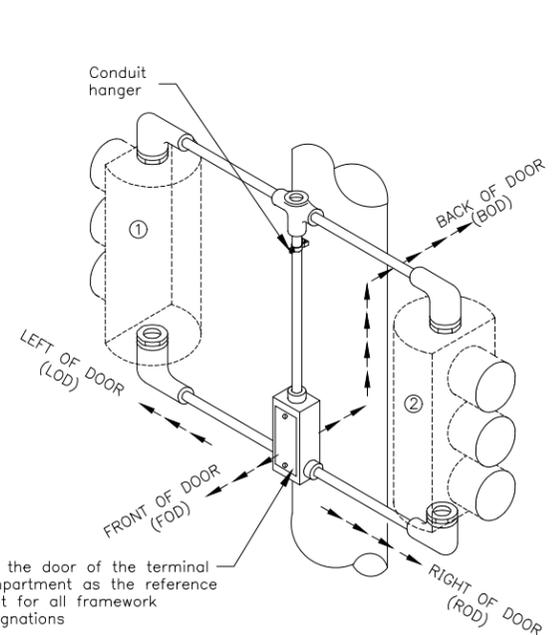
POST MOUNTED SIGNALS
(SHOWN WITHOUT BACKPLATE)



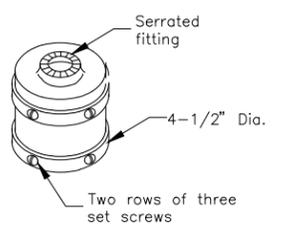
ELEVATOR PLUMBIZER
(SEE NOTE 1.A.)

NOTES:

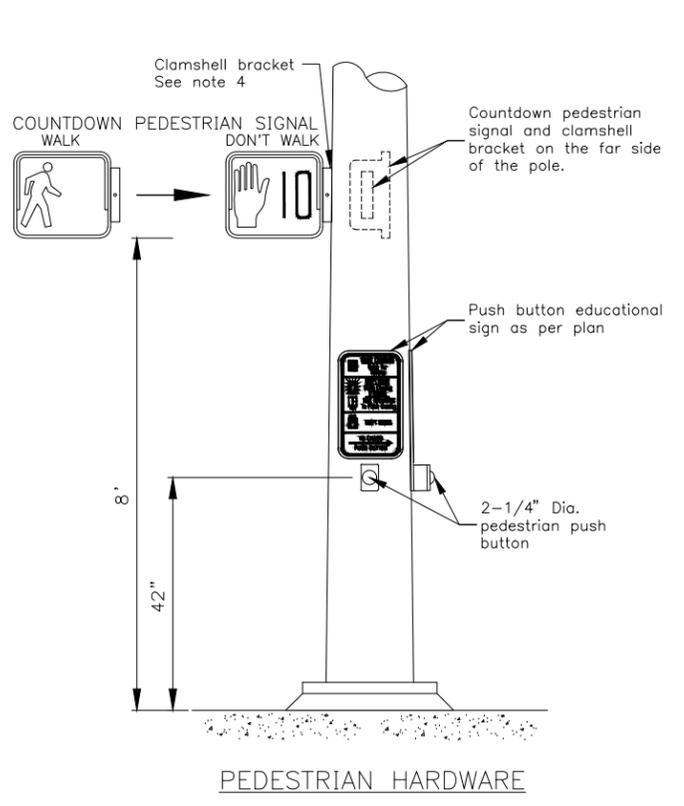
1. Install the signal faces shown in the plans as detailed on this sheet and per Alaska Traffic Manual.
 - A. Use elevator plumbizers to install faces on mastarms and whenever two inch pipe tenons are specified. Install the plumbizer between the red and yellow signal (between green and yellow for Northern Region) indications for a three section head and between the two yellow signal indications for a four section head. Use stainless steel band mount hardware, AB-3007-L as manufactured by PELCO PRODUCTS, INC., or approved equal to install plumbizer to mastarms. PELCO mount shall have stainless steel option.
 - B. Use slip fitters to install pedestrian signals on the top of posts.
 - C. Use signal frames to install signal faces on the sides of poles and on the tops of posts.
 - D. Use a second signal frame to install the third face when three side mounted signal faces are shown.
 - E. Use clamshell brackets to install all pedestrian signals, except those that are post top mounted.
2. Furnish all signal frames with terminal compartments.
3. Install one terminal compartment on the side of the pole opposite the midpoint of the radius return. Position the terminal compartment at the location where a line parallel to the long chord (P.C. to P.T.) of the radius return is tangent to the pole.
4. Install pedestrian indication to face the center of the far side crosswalk. Acceptable variance is +/- 1 degree.
5. Field drill the holes needed for attaching all signal hardware. Use hole saws when drill bits are not available. Treat the bare steel surfaces in accordance with Section 660-3.01.8, repairing damaged finishes, of the Standard Specifications.
6. Provide solid backplates (lowered in Southcoast Region) sized for the number of signal sections and mounting type, so that no light is visible between the backplate and the signal face. Furnish backplates for doghouse style signals that feature notched upper corners.
7. Attach all back plates using plated steel rivets with large flange button heads. Install 0.187" diameter by 0.575" long rivets that provide at least 530 lbs. and 670 lbs. shear and tensile strengths, respectively. Bore out the mounting holes in the back plates and signal heads to the diameter recommended by the rivet manufacturer.
8. Before installing the machine screws that secure the visors, coat the threads with an anti-seizing compound.



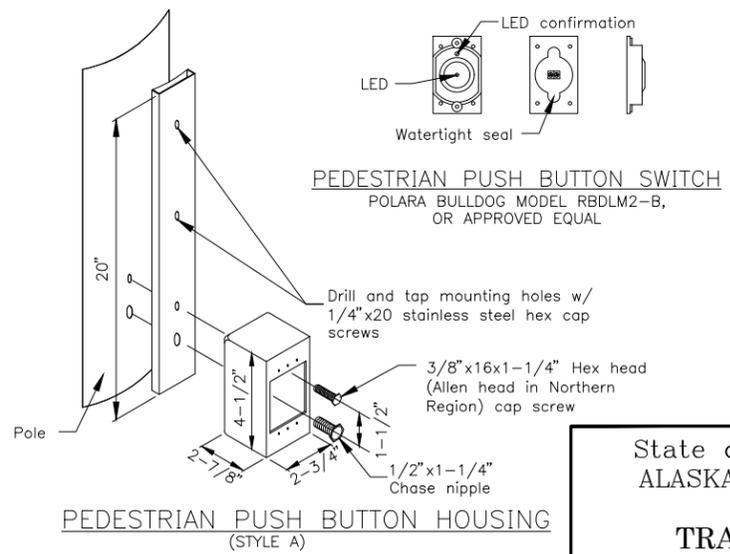
TERMINAL COMPARTMENT WITH SLIP FITTER
(SEE NOTES 1.C. AND 2)



SLIP FITTER
(SEE NOTE 1.B.)



PEDESTRIAN HARDWARE



PEDESTRIAN PUSH BUTTON HOUSING (STYLE A)

FRAMEWORK DESCRIPTION
HEAD NO. ① OFFSET L.O.D.
HEAD NO. ② OFFSET R.O.D.

State of Alaska DOT&PF
ALASKA STANDARD PLAN

TRAFFIC SIGNAL HARDWARE

Adopted as an Alaska Standard Plan by: *Carolyn Morehouse*
Carolyn Morehouse, P.E.
Chief Engineer

Adoption Date: 7/17/2020

Last Code and Stds. Review
By: KLK Date: 7/8/2020
Next Code and Standards Review Date: 7/8/2030