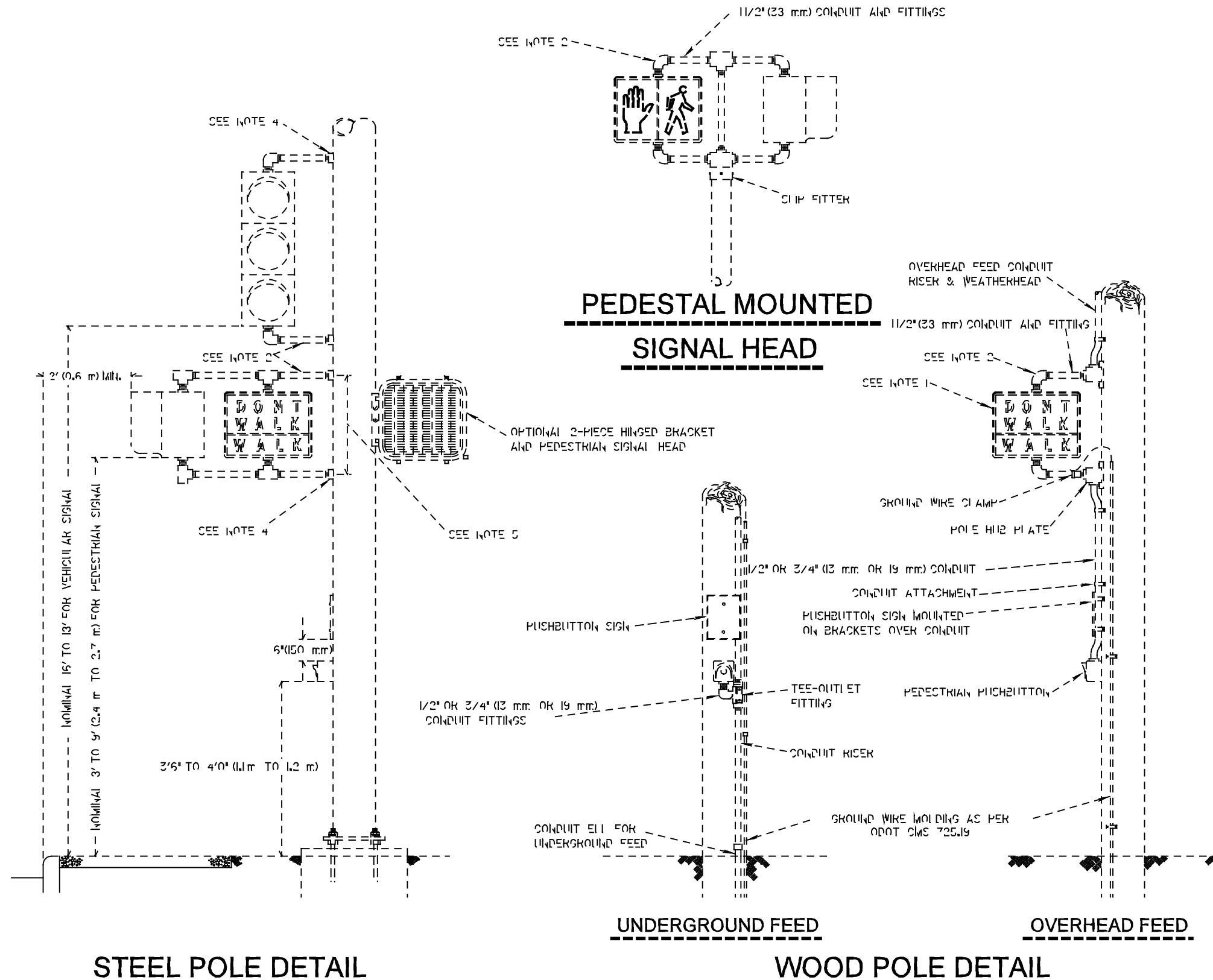


NOTES

1. Vehicular signalheads shall utilize mounting brackets similar to those shown for pedestrian signalheads.
 2. Signalhead conduit brackets and conduit fittings shall be aluminum and painted (except pole clamps or bands) to match the body of the signalhead.
 3. When required in the plans, external conduit shall be similar to that shown in wood pole detail. External grounding will not be required unless specifically noted on the plans.
 4. The signalhead bracket arms shall be attached to steel poles by the following methods:
 - Bracket arm hub plates attached to the pole as per note 7.
 5. Field installation of the wiring holes for signal heads and pushbuttons is required. The holes shall be drilled or hole sawn, no torch cutting or field welding will be permitted. Cut surfaces shall be filed smooth and covered with two coats of zinc rich paint. Grommets or wiring guides shall be installed in the holes.
 6. The following minimum size fasteners shall be used for the attachment of the indicated hardware to wood poles:
 - a. CONDUIT BRACKET ARM HUB PLATES: 1/2" (13 mm) dia. x 3" (76 mm) long lag screws (two screws per hub plate).
 - b. CONDUIT STRAPS (two hole): 1/4" x 3" (6.4 mm x 76 mm) long lag screws, #14 x 3" (76 mm) long round head wood screws, or 20d spikes.
 - c. PUSHBUTTON SIGNS with brackets - 3/3" x 3" (10 mm x 76 mm) long lag screws (two per bracket); without brackets - 3/3" x 3" (10 mm x 76 mm) long lag screws with 7/16" (11 mm) I.D. x 1" (25 mm) O.D. flat washer between the sign and pole (two per sign).
 - d. PUSHBUTTONS: #14 x 3" (76 mm) long round head wood screws or 1/4" x 3" (6.4 mm x 76 mm) long lag screws (two per pushbutton).
 7. The following minimum size fasteners shall be used for the attachment of the indicated hardware to steel poles:
 - a. CONDUIT BRACKET ARM HUB PLATES: 1/2" (13 mm) dia. screw or 3/4" (19 mm) wide passivated stainless steelband (two fasteners or bands per hub plate).
 - b. CONDUIT: two hole conduit straps with 1/4" (6.4 mm) dia. screws or 3/4" (19 mm) wide passivated stainless steelbands.
 - c. PUSHBUTTON SIGNS: 3/3" (10 mm) dia. screws (two per sign).
 - d. PUSHBUTTONS: 1/4" (6.4 mm) dia. screws (two per pushbutton).
- The screws shall utilize a drilled and tapped hole or be the self-tapping type.

PEDESTAL MOUNTED SIGNAL HEAD



STEEL POLE DETAIL

WOOD POLE DETAIL