**Catenary Or Messenger Wire**

**Steel Strain Pole**

**Catenary Or Messenger Wire**

**Prestressed Concrete Strain Pole**

**Automatic Compression Type Clamp (Feed Through Deadend)**

**Eyebolt With Nut And Washer (Typ.)**

**Clamp (Feed Through Deadend)**

**Automatic Compression Type Clamp (Feed Through Deadend)**

**Catenary Or Messenger Wire**

**Catenary Wire**

**Messenger Wire**

**Signal Head**

(If Required)

**Backplates**

**Louvered**

**Tether Wire Clamp (If Required)**

**Varies**

**Varies**

**Catenary Wire**

**Crimp Type Electrical Connector**

**No. 6 Bare Copper Ground Wire**

**Clamp (Feed Through Deadend)**

**Automatic Compression Type**

**Tapped Lug For Grounding**

**Wire Entrance (See Index 649-010)**

**Steel Strain Pole**

**“5” Hook**

**Split Clamp**

**#6 Bare Copper Ground Wire**

**3/4” PVC Conduit**

For Ground Wire

**Finished Grade**

**Drilled Shaft (See Index 649-010)**

**6” Ø X 20’**

**Grounding Electrode (Copperclad)**

**Class NS Concrete Foundation**

**PRESTRESSED CONCRETE STRAIN POLE**

**ELEVATION**

**STEEL STRAIN POLE**

**ELEVATION**

**SIGNAL ATTACHMENT**

1. Use only span wire mounting assemblies listed on the APL. For specific details and requirements, see the vendor drawings on the APL.

2. With the approval of the resident engineer, the service head hole for joint use poles may be drilled by the utility company at an angle of 90° but not less than 45° to the face of the pole.

3. Lashing wire should normally be used for distances of 12’ or greater.

4. Use only stainless steel hardware on all signal attachments.

5. Use only span wire mounting assemblies listed on the APL. For specific details and requirements, see the vendor drawings on the APL.

6. With the approval of the resident engineer, the service head hole for joint use poles may be drilled by the utility company at an angle of 90° but not less than 45° to the face of the pole.

7. Lashing wire should normally be used for distances of 12’ or greater.

8. Use only stainless steel hardware on all signal attachments.

9. Use only span wire mounting assemblies listed on the APL. For specific details and requirements, see the vendor drawings on the APL.

**NOTES:**

9. Method of framing corner Strain Poles angles 10° to 120°.

10. Drain holes in the bottom of the installed signals.

11. The load face of pole is to be perpendicular to the resultant load.

12. Meet all grounding requirements of Specification 620.

13. Field drill 2¾” to 3¾” drain holes (See Note 8).

14. Field drill 2¾” to 3¾” drain holes (See Note 8).

15. Use only stainless steel hardware on all signal attachments.

16. Use only span wire mounting assemblies listed on the APL. For specific details and requirements, see the vendor drawings on the APL.

17. With the approval of the resident engineer, the service head hole for joint use poles may be drilled by the utility company at an angle of 90° but not less than 45° to the face of the pole.

18. Lashing wire should normally be used for distances of 12’ or greater.

19. Use only stainless steel hardware on all signal attachments.