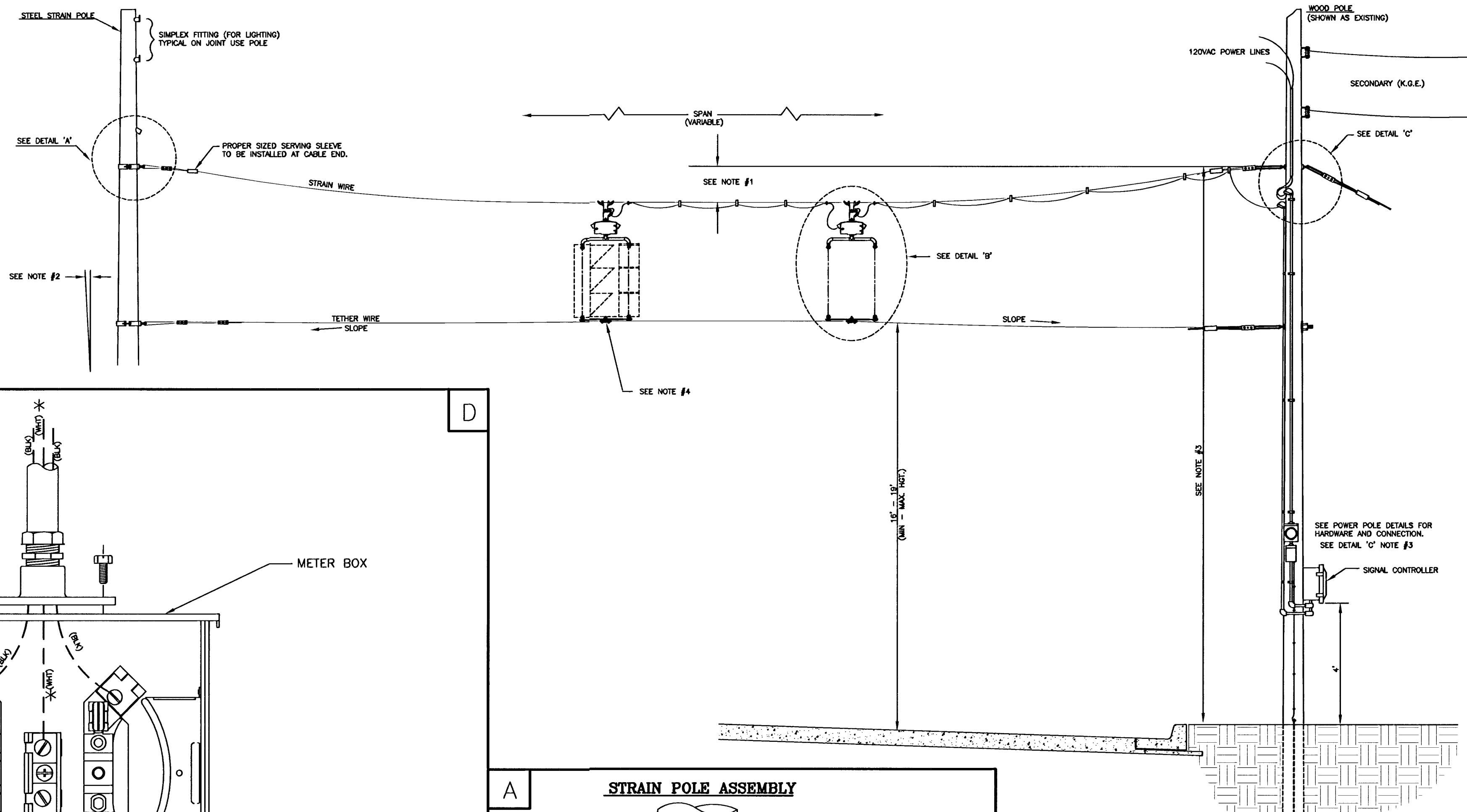


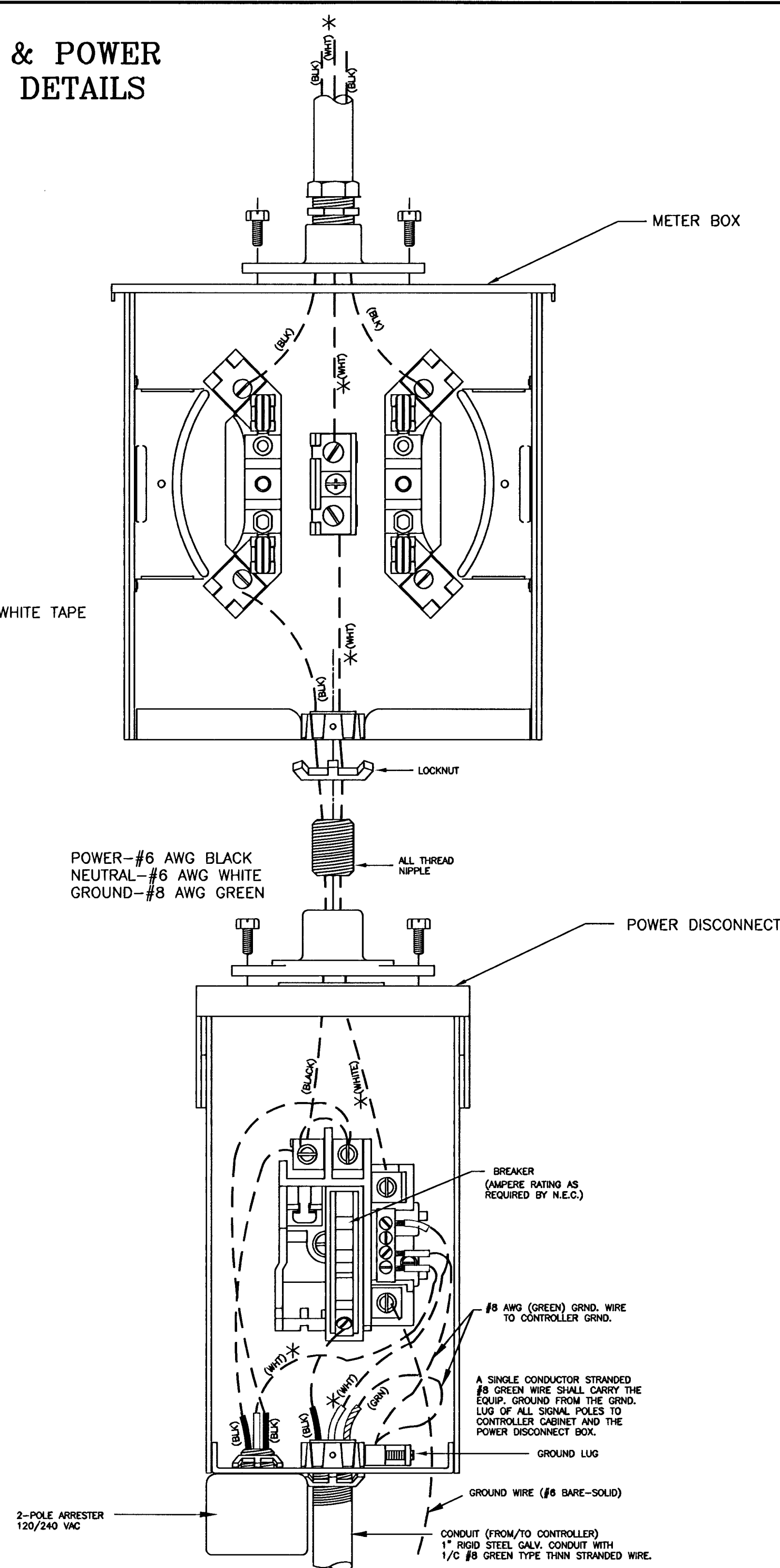
[illegible]

1. MAX. SAG = 5% OF SPAN.
2. STANDARD BACKRAKE = 1.5"
3. HEIGHT OF STRAIN WIRE HOOK--UP TO BE DETERMINED BY FIELD ENGINEER.
TRAFFIC SIGNAL CABLE TO BE SECURED TO STRAIN (SPAN) WIRE WEATHERABLE NYLON CABLE HANGERS (12" CTR.) DETAIL 'B'
4. TETHER CLAMP TO BE DESIGNED TO RELEASE UNDER 'HIGH WIND LOAD' TO PERMIT SIGNAL 'FREE SWING'.



NOTE:

* TO BE MARKED WITH WHITE TAPE



NOTE: SEE STEEL POLE
ASSY DETAIL SHEET FOR
STRAIN POLE BASE DETAILS

STRAIN AND TETHER WIRE:
GALV. OBT. STRAND (7-WIRE)
5/16" SM (5350 (FEST)) WEIGHT
PER 1000 @ 205

CABLE EXIT
MULTI-CONDUCTOR SIGNAL CABLE

THIMBLE EYE NUT (GALV.)
ASSEMBLY

STRAIN CLAMP

STRAIN WIRE (5/16" DIA.)

3-BOLT GUY CLAMP

Diagram illustrating the Signal Cable Assembly components and connections:

- BLACK WEATHERABLE NYLON TIE WRAP CABLE TIES (CLIP EXCESS STRAP)
- 5/16" STRAIN WIRE
- CABLE SADDLE CLAMP
- MULTI-CONDUCTOR SIGNAL CABLE
- WIRE ENTRANCE/BALANCE ADJUST
- CIRCUIT QUICK-DISCONNECT HANGER
- TOP BRACKET (FOR SIGNAL ASSY)
- 5/16" TETHER WIRE
- 3-BOLT DUFF CLAMP (NOTE MFG. TO BOTTOM BRACKET)
- SIGNAL FASTENER ASSY.
- DRILL: 1/2" HOLE EXTRA LENGTH BOLT

Diagram illustrating the hardware and wiring connections for a steel strain pole assembly. The diagram shows a vertical pole with various components attached, including a galvanized thimble eye bolt, a front plate, a strain wire, power lines (120 VAC), weatherhead/ENT (for power lines), a 2-hole metal clamp, weatherhead/ENT (for multi-conductor signal cable), and a 2-hole metal clamp. A horizontal arm extends from the pole, supporting a back plate, jaw nut, galvanized thimble eye nut, off wire (5/16"), and a 3-bolt 5/8" clamp. A note indicates that the hardware shown is transferable to steel pole in whole or part where steel strain pole is used.

Labels and connections shown in the diagram:

- BACK PLATE
- JAW NUT
- GALV. THIMBLE EYE NUT
- OFF WIRE (5/16")
- 3-BOLT 5/8" CLAMP
- SEE NOTE 1
- GALV. THIMBLE EYE BOLT
- FRONT PLATE
- STRAIN WIRE
- POWER LINES (120 VAC)
- WEATHERHEAD/ENT (FOR POWER LINES)
- 2-HOLE (METAL) CLAMP
- WEATHERHEAD/ENT (FOR MULTI-CONDUCTOR SIGNAL CABLE)
- 2-HOLE (METAL) CLAMP

NOTE:

1. GALV. THIMBLE EYE ANCHOR BOLT AND EXPANDING ANCHOR (NOT SHOWN) TO STABILIZE WOOD POLE (WHERE APPLICABLE)
2. ANY COMBINATION OF ROUND/THIMBLE EYE BOLTS AND NUTS MAY BE UTILIZED AS APPLICATION MAY VARY. FIELD ENGINEER TO DETERMINE TYPE OF HARDWARE USED.
3. HARDWARE SHOWN IS TRANSFERABLE TO STEEL POLE IN WHOLE OR PART WHERE STEEL STRAIN POLE IS USED. (POWER SIGNAL CABLE METER, ETC.) FIELD ENGINEER TO MAKE DETERMINATION. STEEL STRAIN POLE APPLICATIONS MAY VARY AS TO MOUNTING ON POLE: USE OF CLAMPS, BANGED BRACKETS, ETC. ARE STD. - FIELD ENGINEER TO DETERMINE BEST TYPE APPLICATIONS.



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