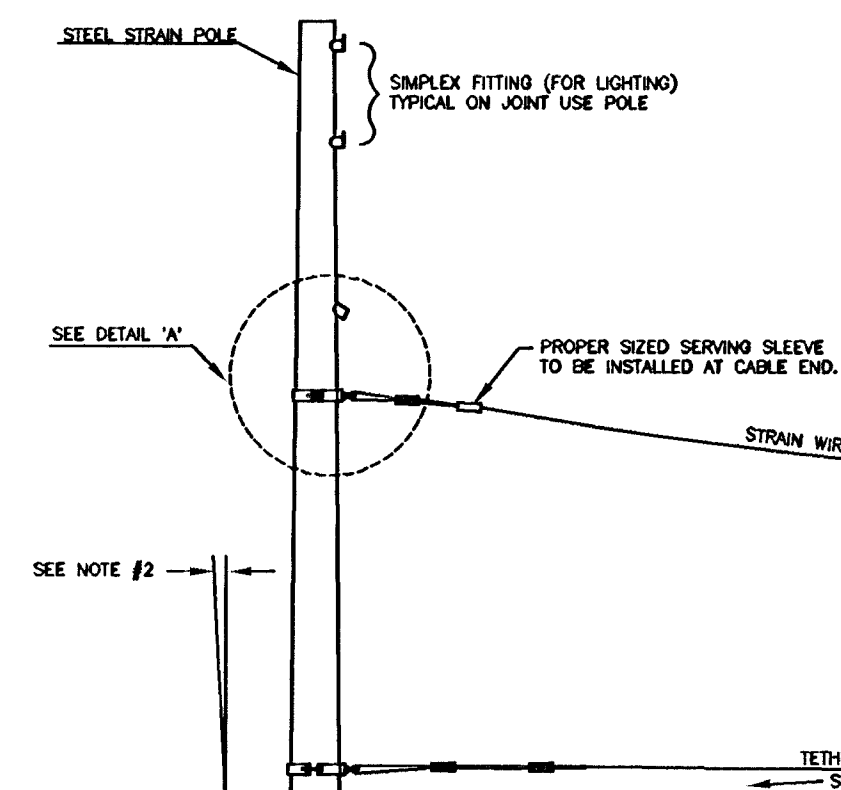


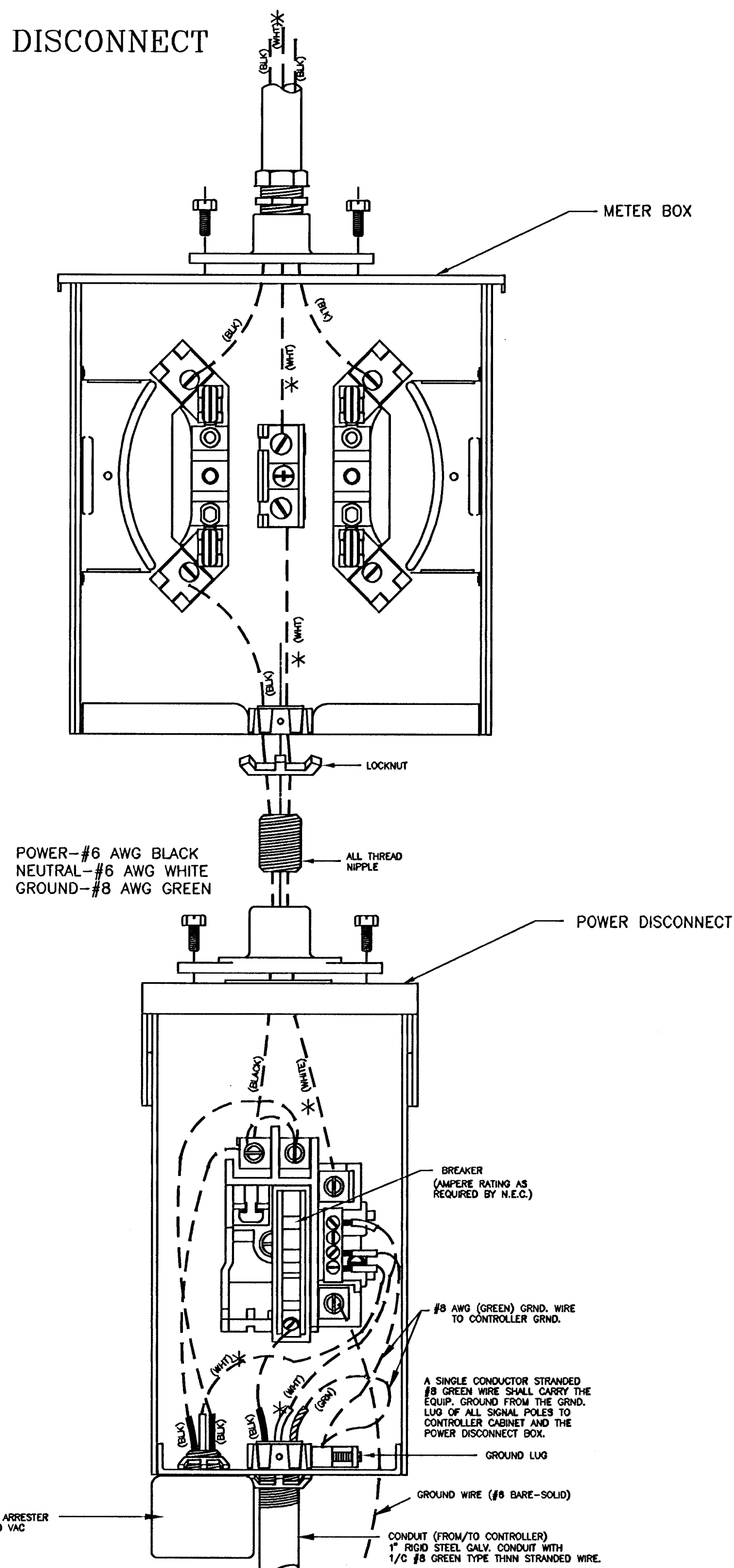
[illegible]

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



STRAIN POLE ASSEMBLY

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

STRAIN AND TETHER WIRE:
GALV. GUY STRAND (7-WIRE)
5/16" SM (53500 #TEST) WEIGHT
PER 1000 @ 205

CABLE EXIT
MULTI-CONDUCTOR SIGNAL CABLE

THUMBLE EYE NUT (GALV.)
ASSEMBLY

STRAIN CLAMP

STRAIN WIRE (5/16" DIA.)

3-BOLT GUY CLAMP

B

SIGNAL BRACKET ASSEMBLY DETAILS

BLACK WEATHERABLE NYLON TIE WRAP CABLE TIE (CLIP EXCES)

5/16" STRAIN WIRE
CABLE SHOULDER CLAMP
MULTI-CONDUCTOR SIGNAL CABLE
WIRE ENTRANCE/BALANCE ADJUST
CIRCUIT QUICK-DISCONNECT HANGER

TOP BRACKET (FOR SIGNAL ASSY)
BOTTOM BRACKET
3-BOLT GUY CLAMP (NOTE MTG. TO BOTTOM BRACKET)

SIGNAL FASTENER ASSY.

DRILL: 1/2" HOLE
EXTRA LENGTH BOLT

WOOD POLE ASSEMBLY DETAILS

Diagram illustrating the assembly details of a wood pole, showing various hardware components and their connections:

- BACK PLATE
- JAM NUT
- QALV. THIMBLE EYE NUT
- GUY WIRE (3/16")
- 3-BOLT GUY CLAMP
- SEE NOTE 1
- QALV. THIMBLE EYE BOLT
- FRONT PLATE
- STRAIN WIRE
- POWER LINES (120 VAC)
- WEATHERHEAD/EXT (FOR POWER LINES)
- 3-HOLE (METAL) CLAMP
- WEATHERHEAD/EXT (FOR MULTI-CONDUCTOR SIGNAL CABLE)
- 2-HOLE (METAL) CLAMP

NOTE:

1. QALV. 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 OF PART WHERE STEEL STRAIN POLE IS USED. (POWER SIGNAL CABLE, WIRE, ETC.) FIELD ENGINEER TO MAKE DETERMINATION. STEEL STRAIN POLE APPLICATIONS MAY VARY AS TO MOUNTING ON POLE USE OF CLAMPS, BANDOED BRACKET, ETC. ARE STD. - FIELD ENGINEER TO DETERMINE BEST TYPE APPLICATIONS.

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APPROVED BY

REVISED BY:
DATE:

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS

DIVISION OF TRAFFIC ENGINEERING

WM. G. MCKINLEY P.E. TRAFFIC ENGINEER

SCALE
NO SCALE