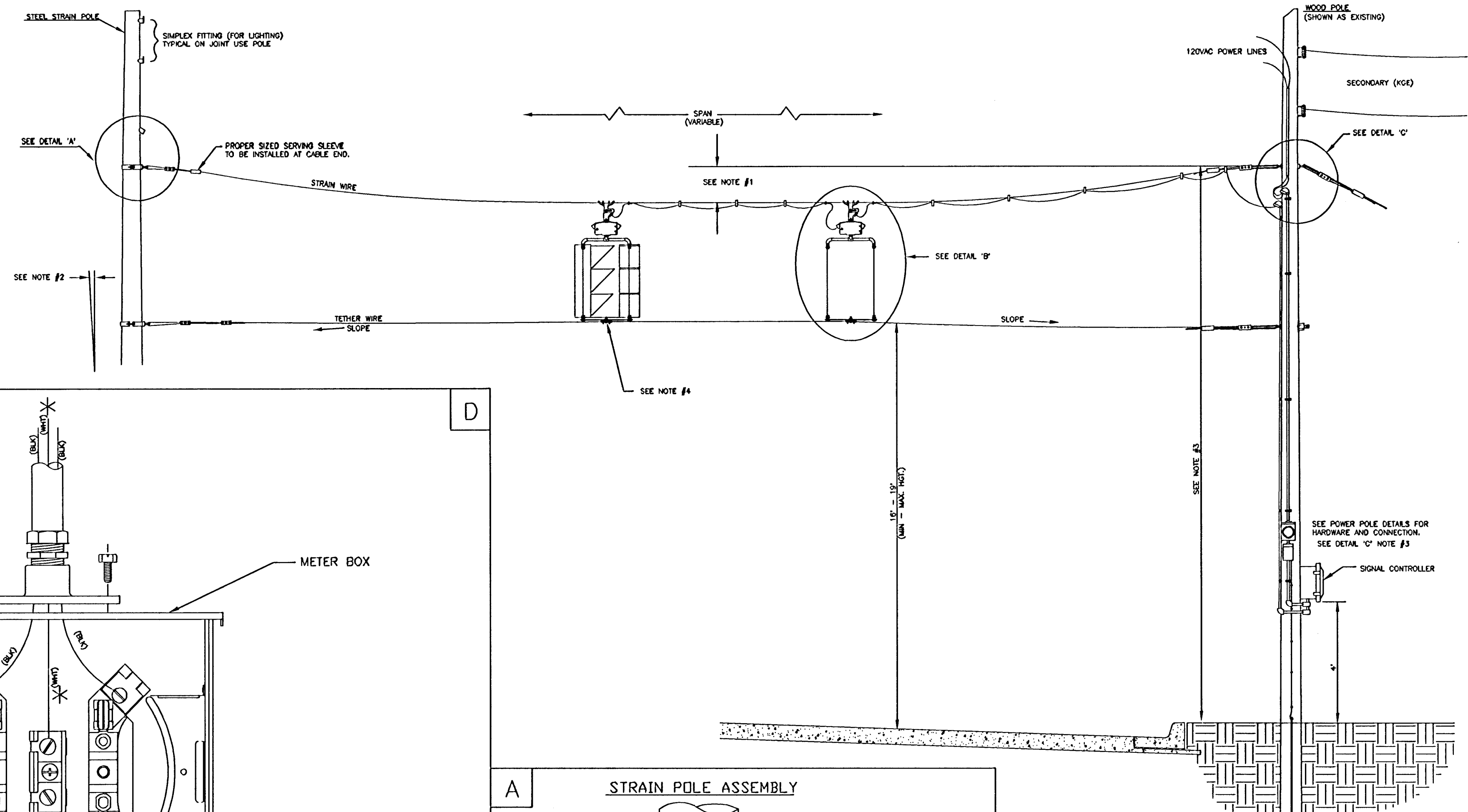
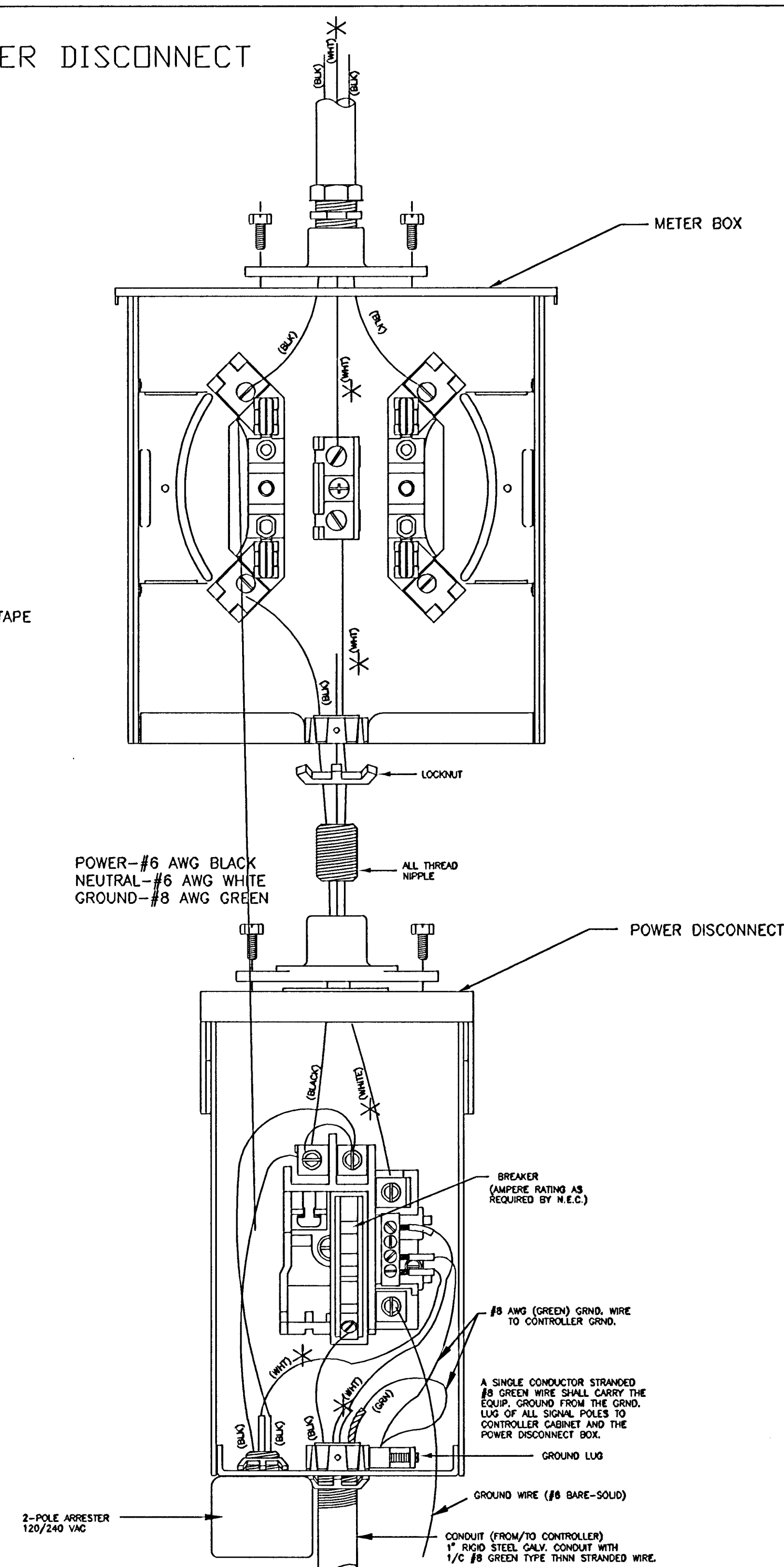


[illegible]

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. GUY STRAND (T-WIRE)
5/16" SW (6350) (TEST)
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 Fastener Assembly, showing the connection of various components to the main assembly.

- 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 ASS'Y)
- BOTTOM BRACKET
- 5/16" TETHER WIRE
- 3-BOLT GUY CLAMP (NOTE INTG. TO BOTTOM BRACKET)
- SIGNAL FASTENER ASS'Y.
- DRILL 1/2" HOLE
- EXTRA LENGTH BOLT

BACK PLATE
JUN PLATE
GALV. THIMBLE EYE BOLT
OUT WIRE (5/16")
J-BOLT OUT CLAMP

SEE NOTE 1

GALV. THIMBLE EYE BOLT
FRONT PLATE
STRAIN WIRE
POWER LINES (120 VAC)
WEATHERHEAD/CLAMP (FOR POWER LINES)
2-HOLE (METAL) CLAMP
WEATHERHEAD/CLAMP (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 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, BANDED BRACKETS, ETC. ARE STD. - FIELD ENGINEER TO DETERMINE BEST TYPE APPLICATIONS.

DIVISION OF TRAFFIC ENGINEERING	
WM. G. MCKINLEY, P.E. TRAFFIC ENGINEER	SHEET 6 OF 6