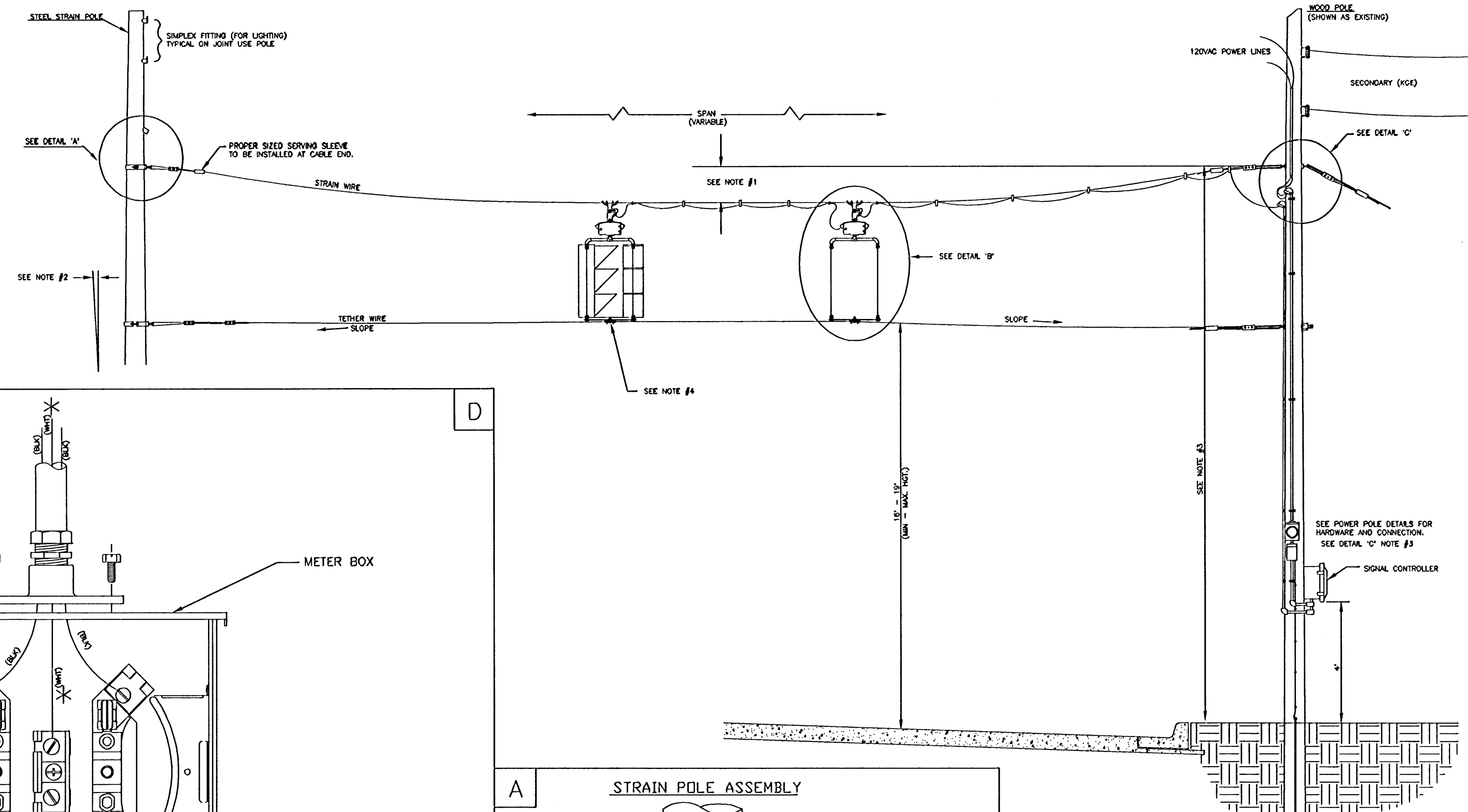
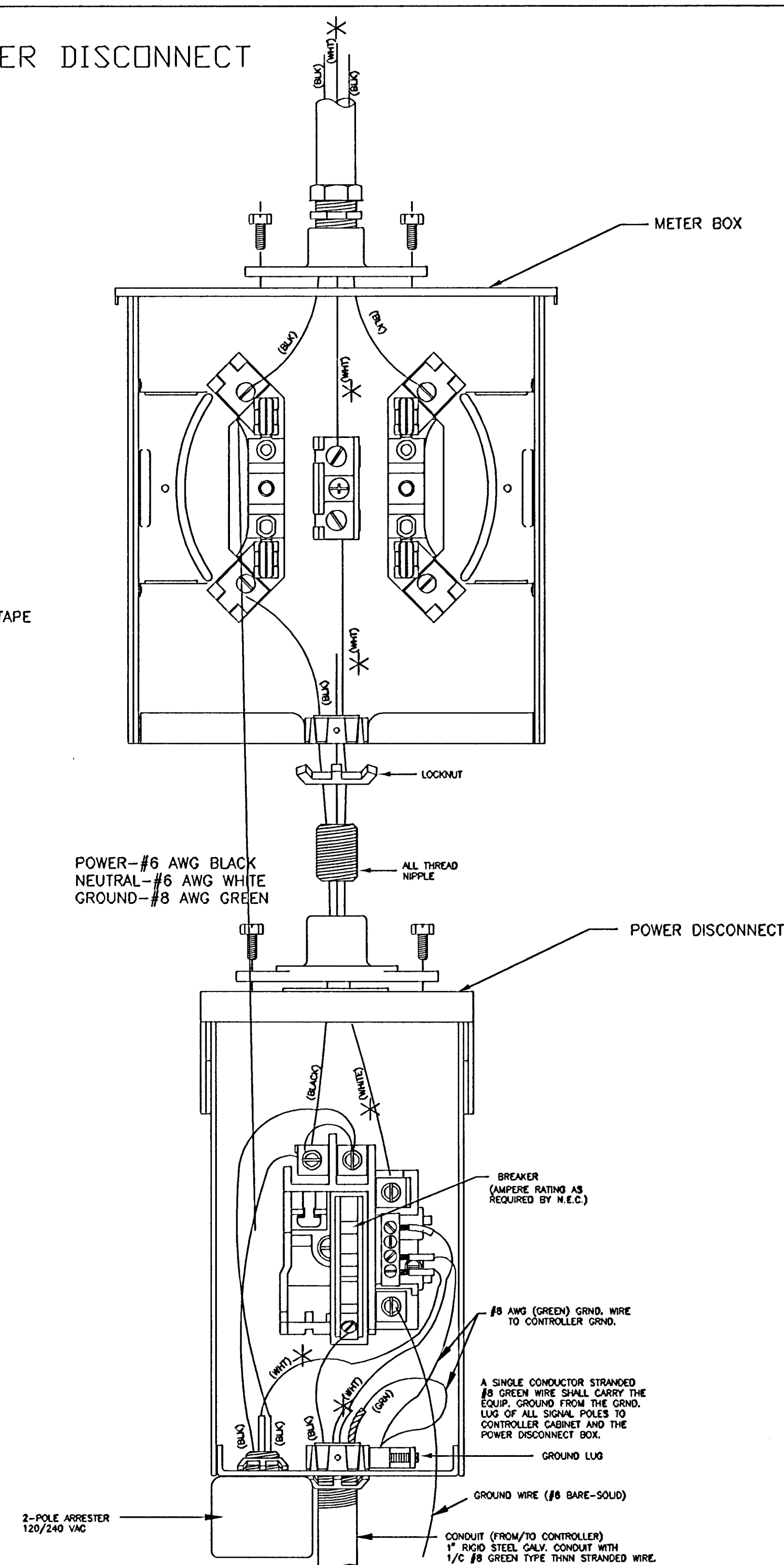


1. MAX. SAG = 5% OF SPAN.
2. STANDARD BACKRAKE = 1.5"
3. HEIGHT OF STRAIN WIRE HOOK—UP TO BE DETERMINED BY FIELD ENGINEER.
TRAFFIC SIGNAL CABLE TO BE SECURED TO STRAIN (SPAN) WIRE WEATHERABLE NYLON CABLE HANGERS (12" CTR.) DETAIL 'B'
4. TETHER CLAMP TO BE DESIGNED TO RELEASE UNDER 'HIGH WIND LOAD' TO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



NOTE:
*TO BE MARKED WITH WHITE TAPE



NOTE: SEE STEEL POLE
ASS'Y DETAIL SHEET FOR
STRAIN POLE BASE DETAILS

STRAIN AND TETHER WIRE:
GALV. GUY STRAND (1-WIRE)
5/16" SM (3050) 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 Mast 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 ASS'Y)
- BOTTOM BRACKET
- 5/16" TETHER WIRE
- 3-BOLT GUY CLAMP (NOTE M10, TO BOTTOM BRACKET)
- SIGNAL FASTENER ASS'Y.
- DRILL 1/2" HOLE
- EXTRA LENGTH BOLT

BACK PLATE
URM NUT
GALV. THIMBLE EYE NUT
CUT WIRE (3/16")
3-BOLT GUY 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/CUT (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.

NEWMARKET SQUARE ENTRANCE AND WAZE ROAD			
POWER POLE AND SPAN POLE ASSEMBLY DETAILS			
PROJECT NUMBER 472-84276			
DRAWN BY: T.M.		SCALE	
DATE: FEB. 96		NO SCALE	
			REVISED BY: L. B. DATE: 2/26/99
CITY OF WICHITA DEPARTMENT OF PUBLIC WORKS			
DIVISION OF TRAFFIC ENGINEERING WM. C. MCKEENEY, P.E. TRAFFIC ENGINEER			SHEET 6 OF 8