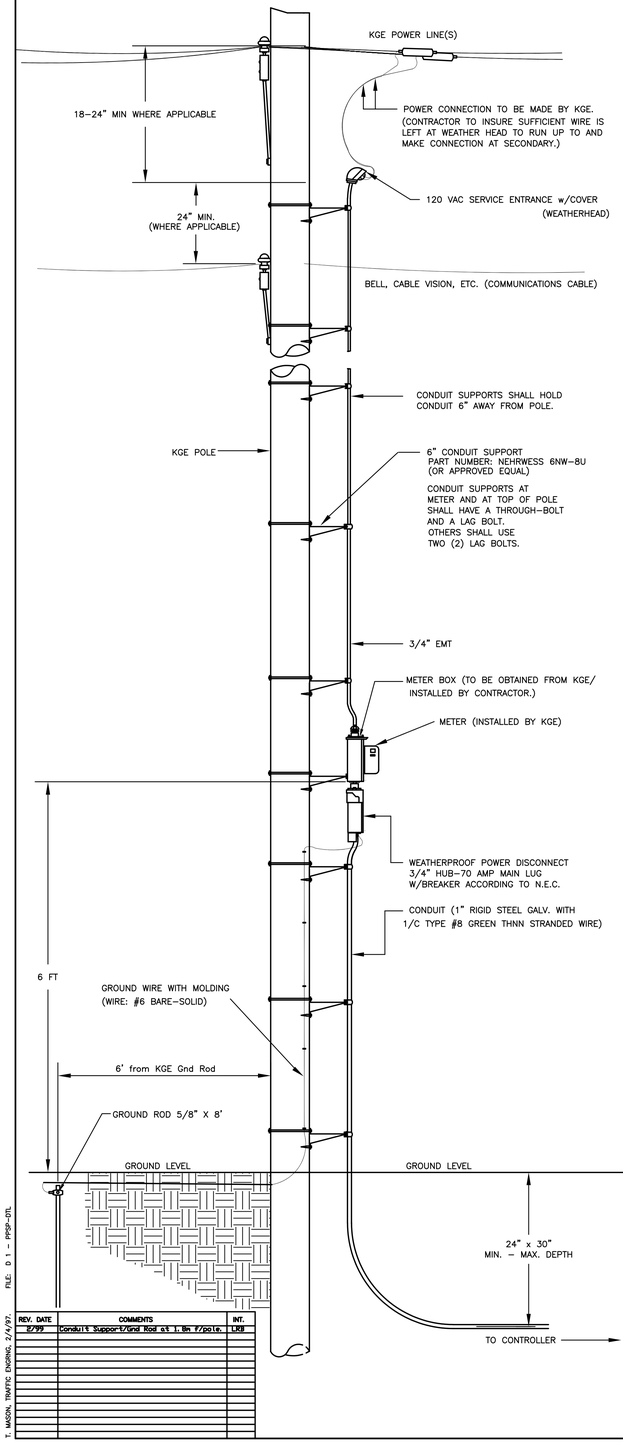
POWER POLE DETAILS



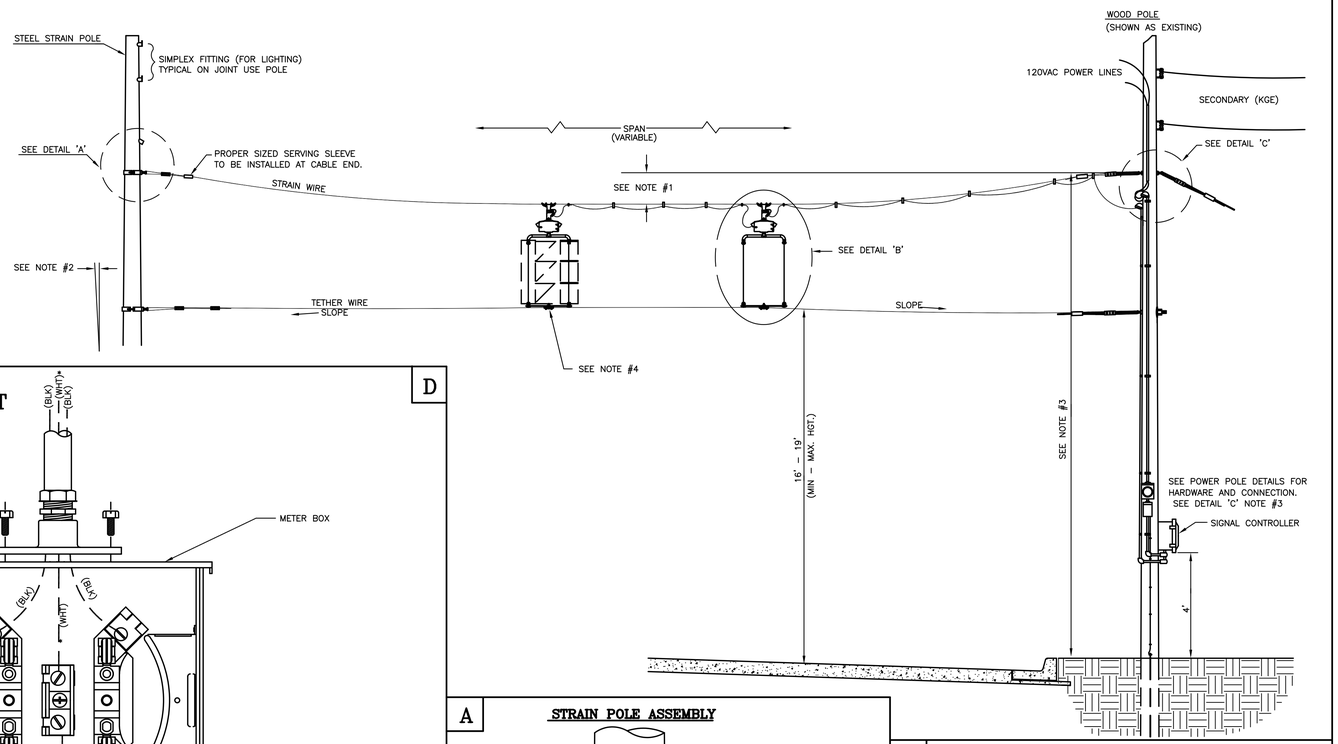
REV. DATE	COMMENTS	INT.
8/99	Conduit Support/Gnd Rod at 1.8m f/pole.	LBB

FILE: D 1 – PPSP–DTL

T. MASON, TRAFFIC ENGRNG., 2/4/97.

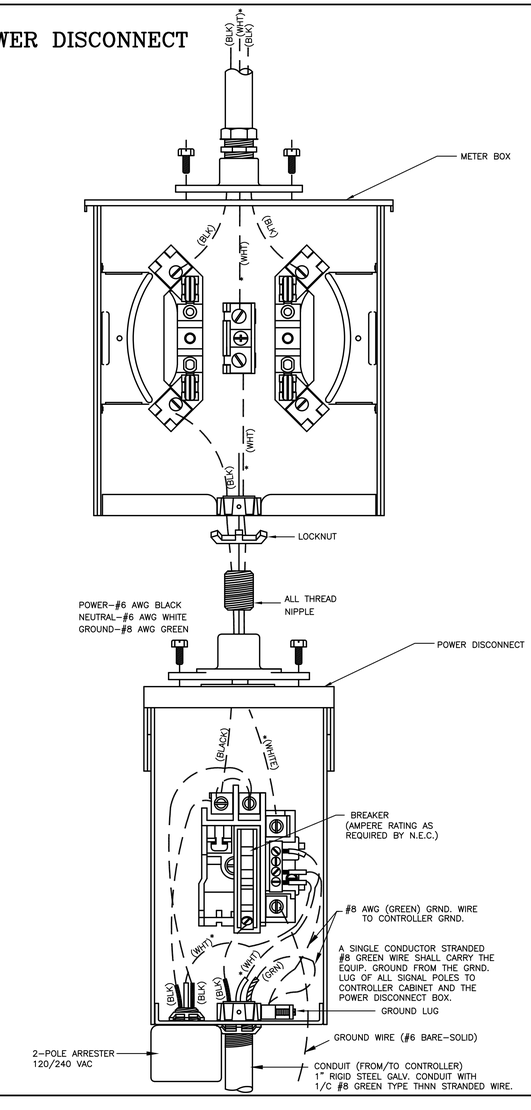
SPANWIRE ASSEMBLY DETAILS

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 PERMINT SIGNAL 'FREE SWING'.



METER BOX & POWER DISCONNECT DETAILS

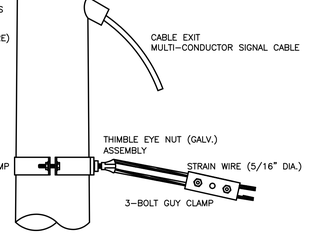
D



NOTE:
* TO BE MARKED WITH WHITE TAPE

A

STRAIN POLE ASSEMBLY

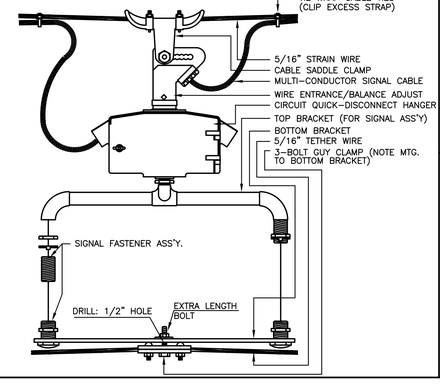


NOTE: SEE STEEL POLE ASS'Y DETAIL SHEET FOR STRAIN POLE BASE DETAILS

STRAIN AND TETHER WIRE: GALV. GUY STRAND (7–WIRE) 5/16" SM (5350 #TEST) WEIGHT PER 1000 @ 205

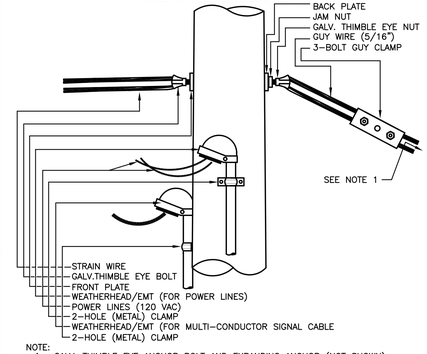
B

SIGNAL BRACKET ASSEMBLY DETAILS



C

WOOD POLE ASSEMBLY DETAILS
KGE POLE EXCLUDED



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 TRANSFERRABLE TO STEEL POLE IN WHOLE OF 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, BANDED BRACKETS, ETC. ARE STD. – FIELD ENGINEER TO DETERMINE BEST TYPE APPLICATIONS.

J:\CIVIL\08137\DWG\SIGNAL\08137PPSP–DTL.DWG

PROJECT DESCRIPTION

POWER POLE AND SPAN POLE ASSEMBLY DETAILS

PROJECT NUMBER

472–84693

DRAWN BY: T.M.	APPROVED BY	REVISED BY: L. B.
DATE: FEB. 96		DATE: 2/26/99

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS

DIVISION OF TRAFFIC ENGINEERING	SCALE	SHEET / OF
PAUL GUNZELMAN, P.E. TRAFFIC ENGINEER	NO SCALE	82/133