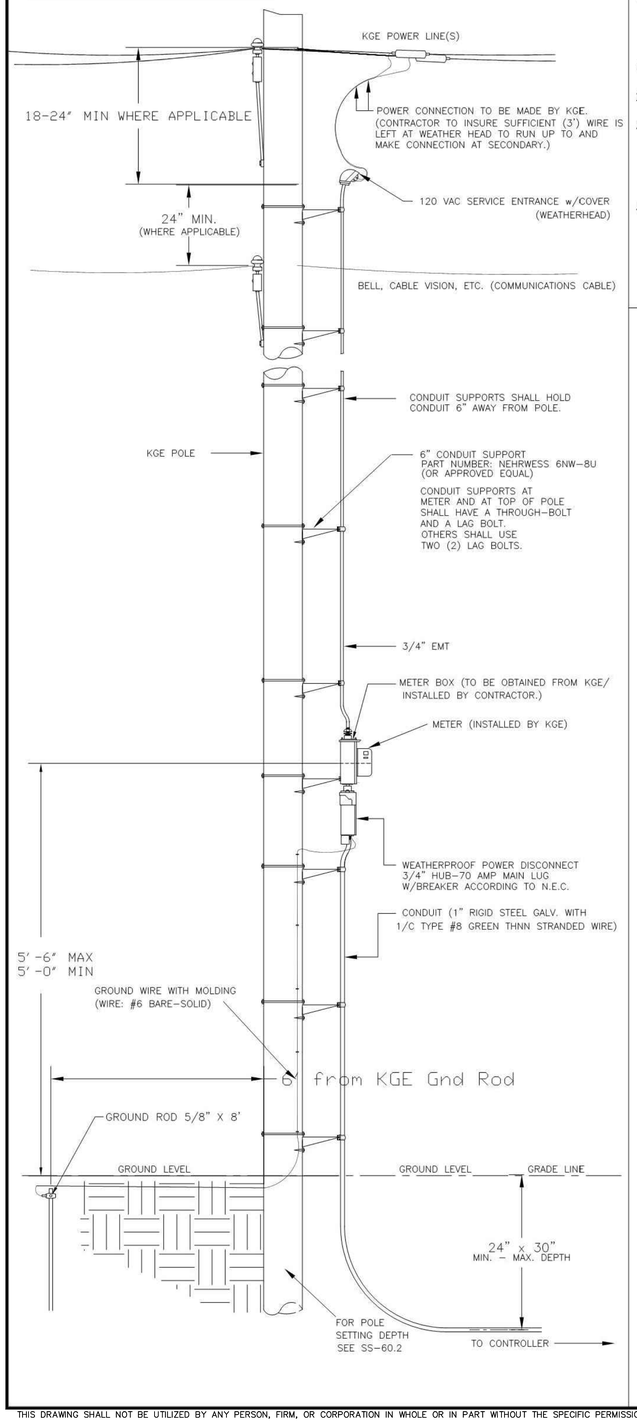
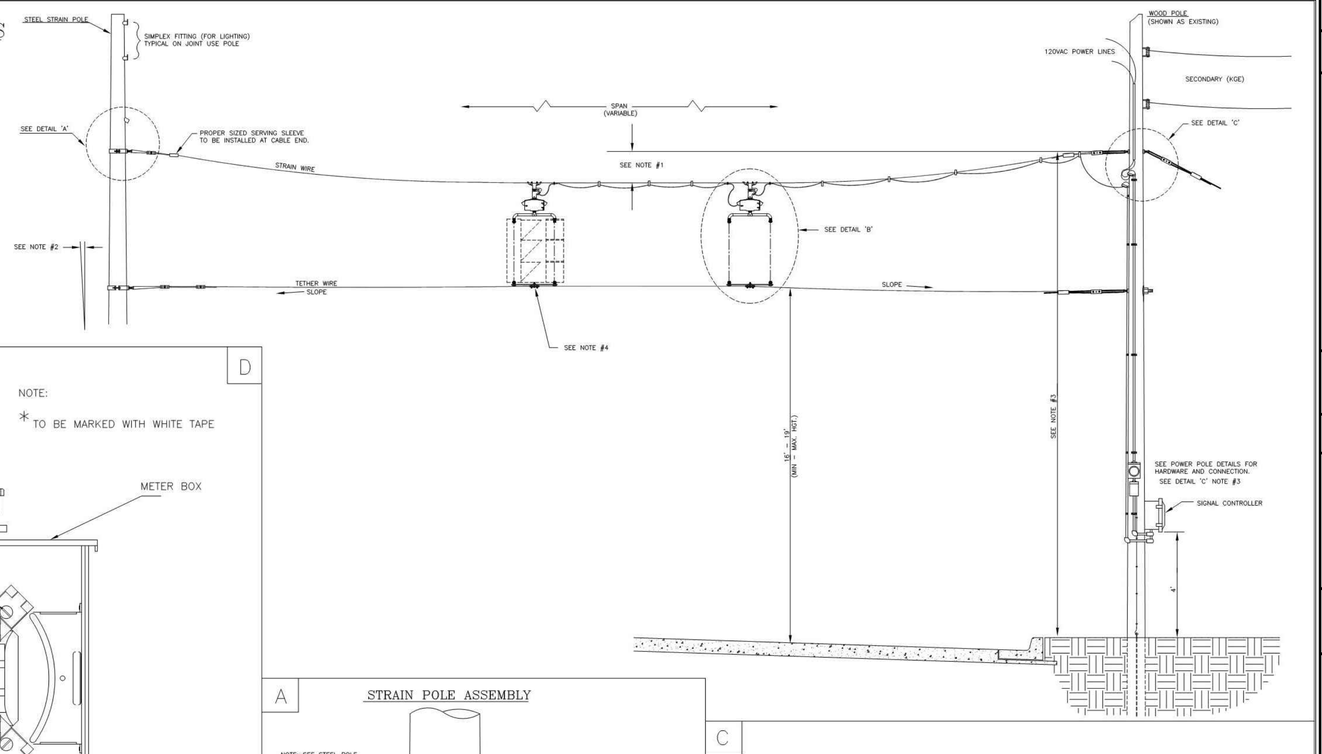
POWER POLE DETAILS



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'.

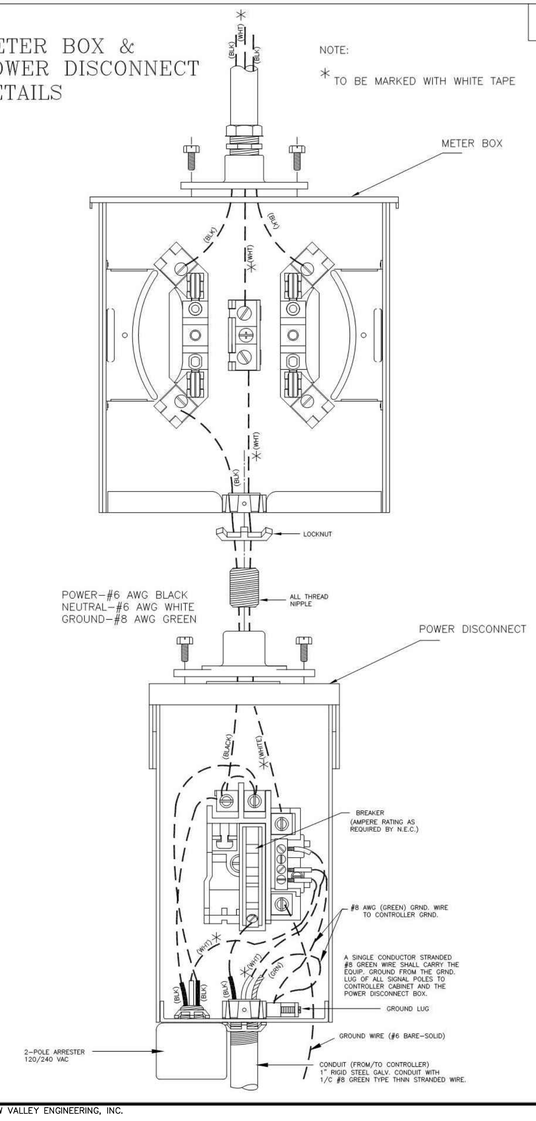


METER BOX & POWER DISCONNECT DETAILS

D

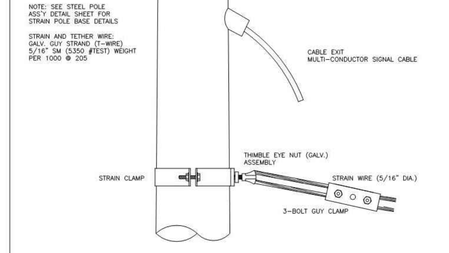
NOTE:

* TO BE MARKED WITH WHITE TAPE



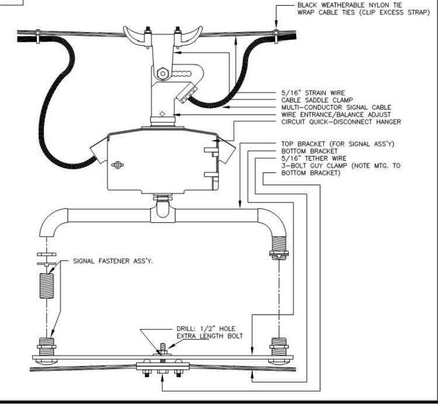
A

STRAIN POLE ASSEMBLY



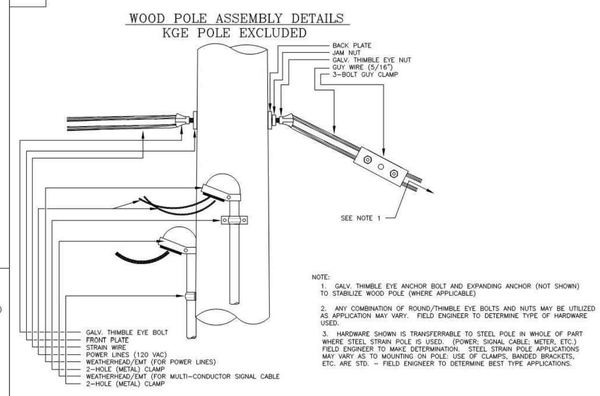
B

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.

CITY OF WICHITA
PUBLIC WORKS & UTILITIES ENGINEERING DIVISION

POWER POLE AND SPAN POLE ASSEMBLEY DETAILS

TRAFFIC ENGINEER
PAUL GUNZELMAN, P.E.

PROJECT NUMBER	OCA NUMBER	DATE
		11/2003

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

SHEET

REV	DATE	DESCRIPTION	DSN	DWN	CHK
0	6-7-17	BID SET	KDB	KDB	

KEITH D. BEALL LICENSED PROFESSIONAL ENGINEER KANSAS 06-07-17 16978

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CENTRAL AND NIMS SIGNALIZATION
PROJECT NUMBER 472-85280
WICHITA, KANSAS

POWER POLE AND SPAN POLE ASSEMBLY DETAILS

PROJ. NO.	F16D0205
DESIGNER	KDB
DRAWN BY	NMP
CFN	0205DET
SHEET	23 OF 36
REV	0

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