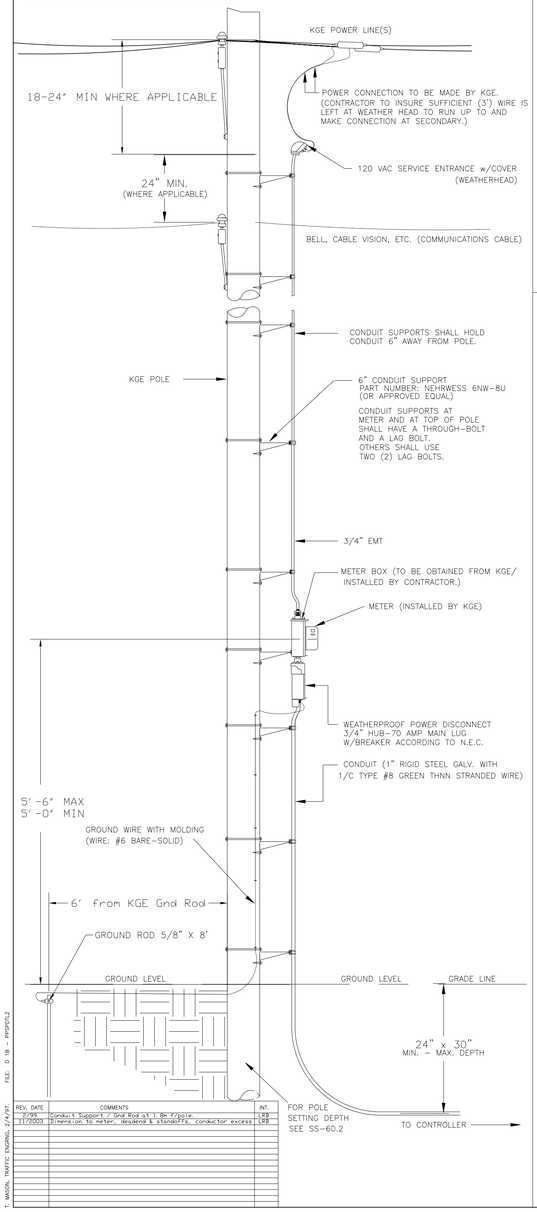
PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
472-84817 PHASE I	2011	66	113

POWER POLE DETAILS

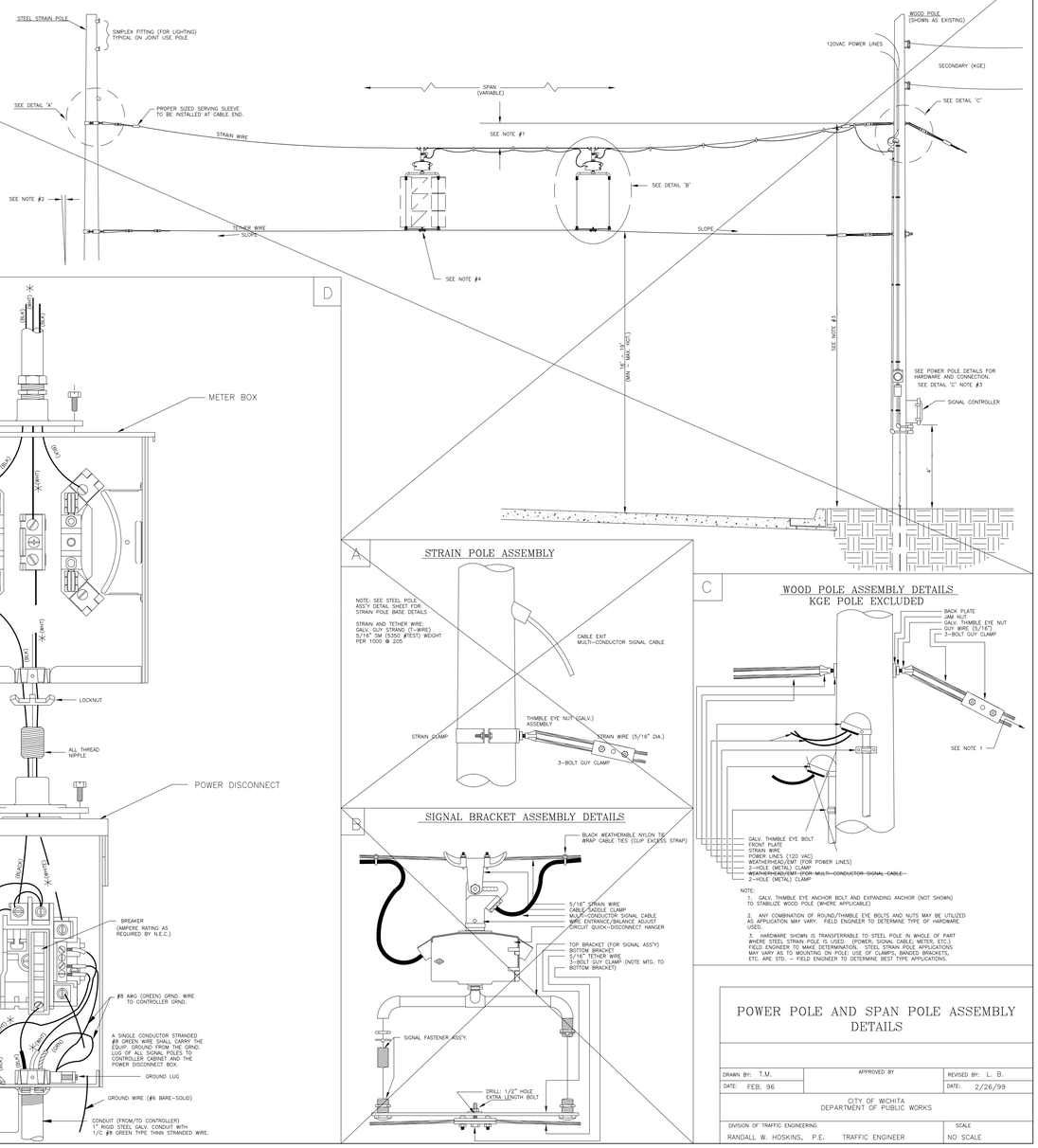


REV. DATE	COMMENTS	INT.
7/99	Conduit Support 7' Gnd Rod at 1' 8in from pole.	LRB
11/2003	2:revision to meter, deadend & standoffs, conductor excess	LRB

FILE: D-1B - PPSPD12
T. MOON, TRAFFIC ENGRG., 274-8321

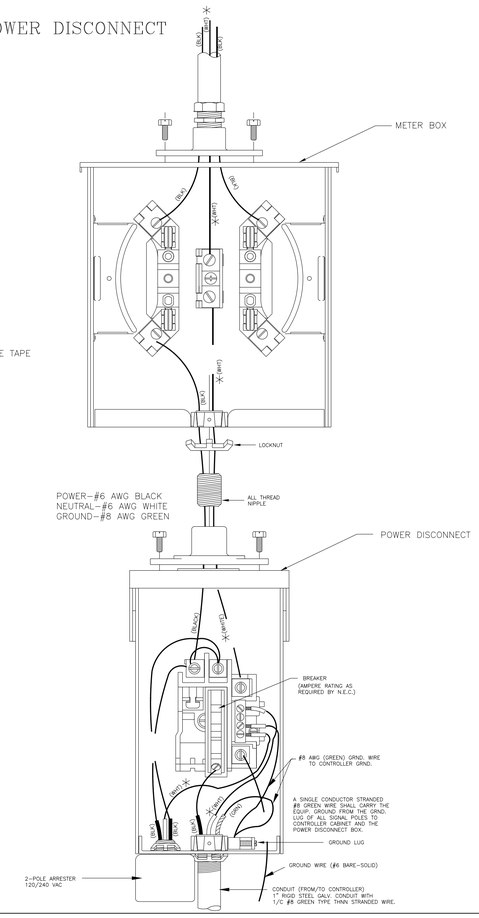
SPANWIRE ASSEMBLY DETAILS

1. MAX. SAG = 5F 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

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.

POWER POLE AND SPAN POLE ASSEMBLY DETAILS

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
RANDALL W. HOSKINS, P.E. TRAFFIC ENGINEER	NO SCALE

CITY OF WICHITA
PUBLIC WORKS & UTILITIES ENGINEERING DIVISION

13TH STREET AT RIDGE ROAD TRAFFIC SIGNAL DETAILS

CITY ENGINEER
JAMES L. ARMOUR, P.E., L.S.

PROJECT NUMBER	OCA NUMBER	DATE
472-84817 PHASE I	770005	11/2011

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

DESIGN	DRAWN

SHEET
66 of 113

Plotted on: Monday, September 26, 2011 08:35
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