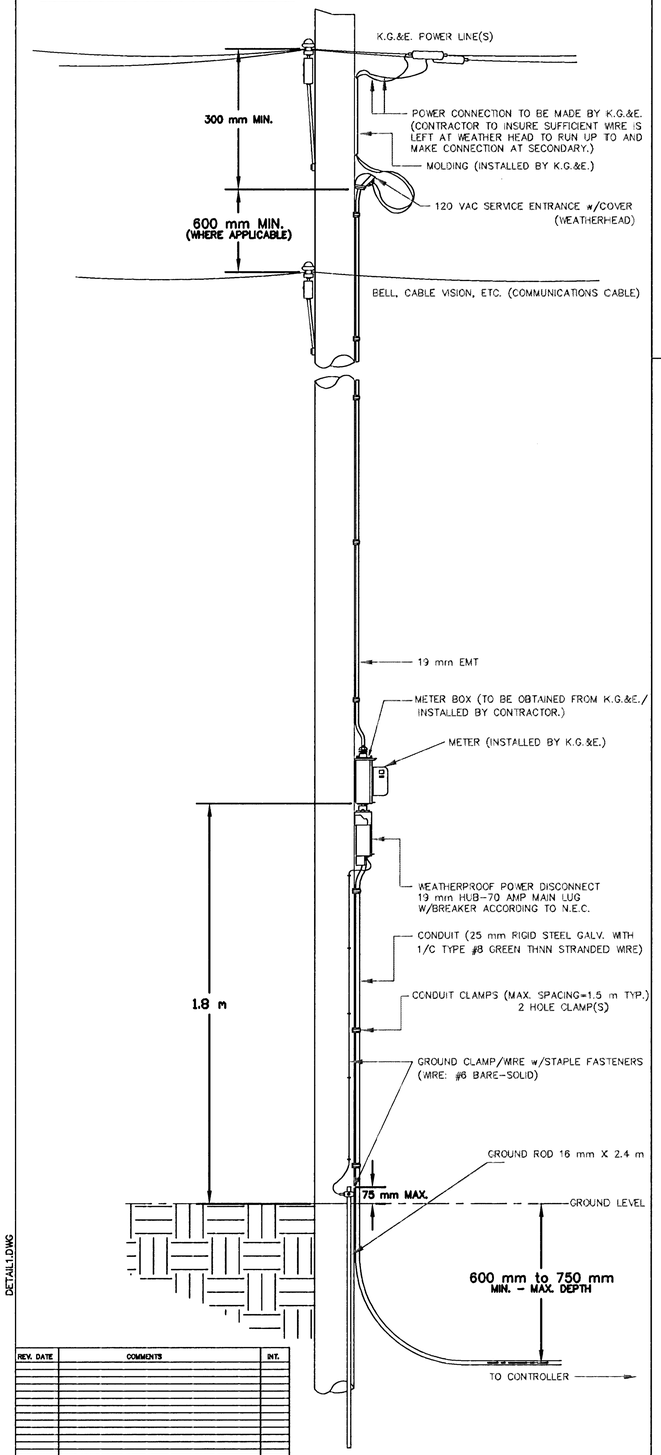
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0061-01	1998	54	91

POWER POLE DETAILS

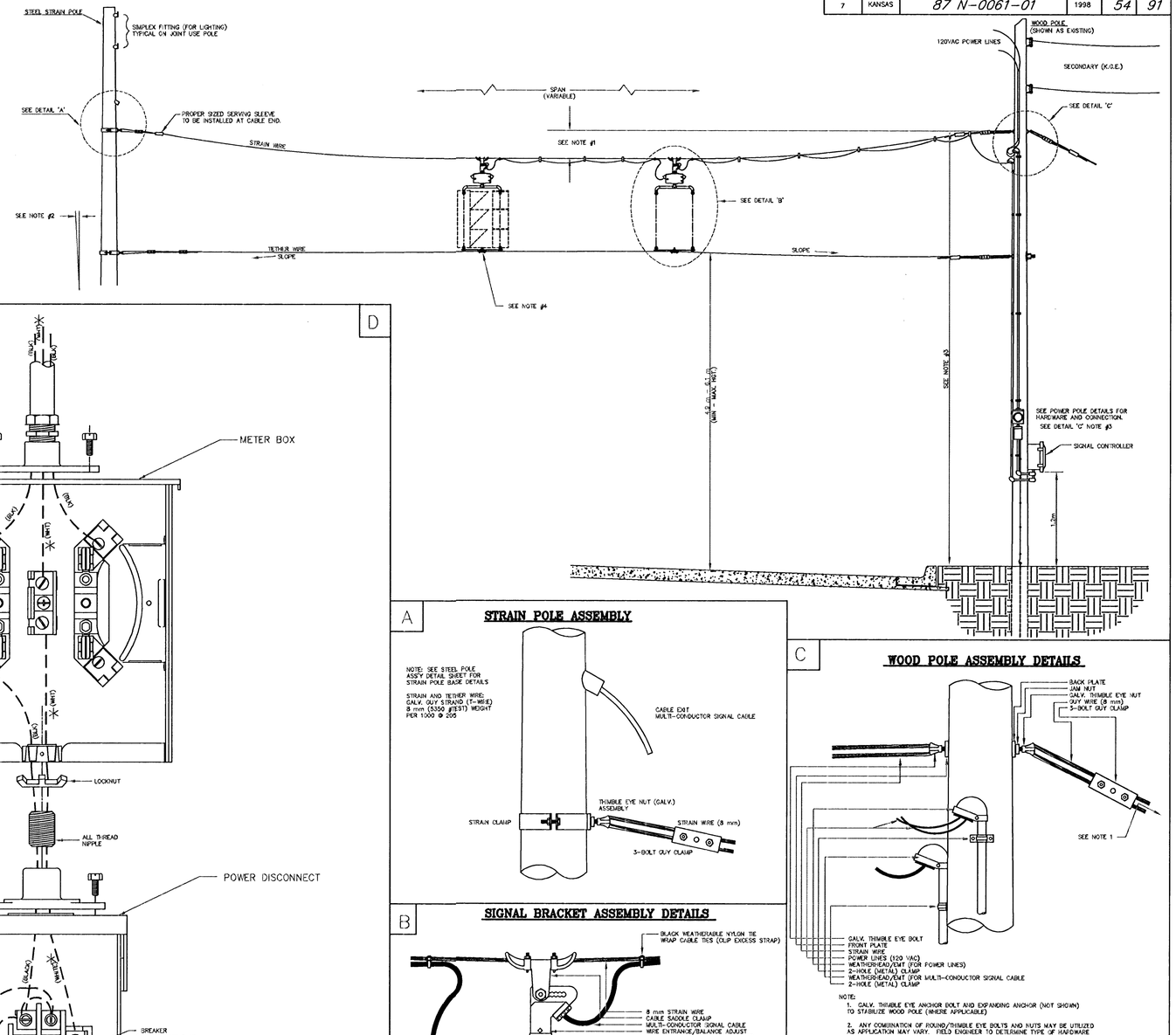


DETAIL1.DWG

REV. DATE	COMMENTS	INT.

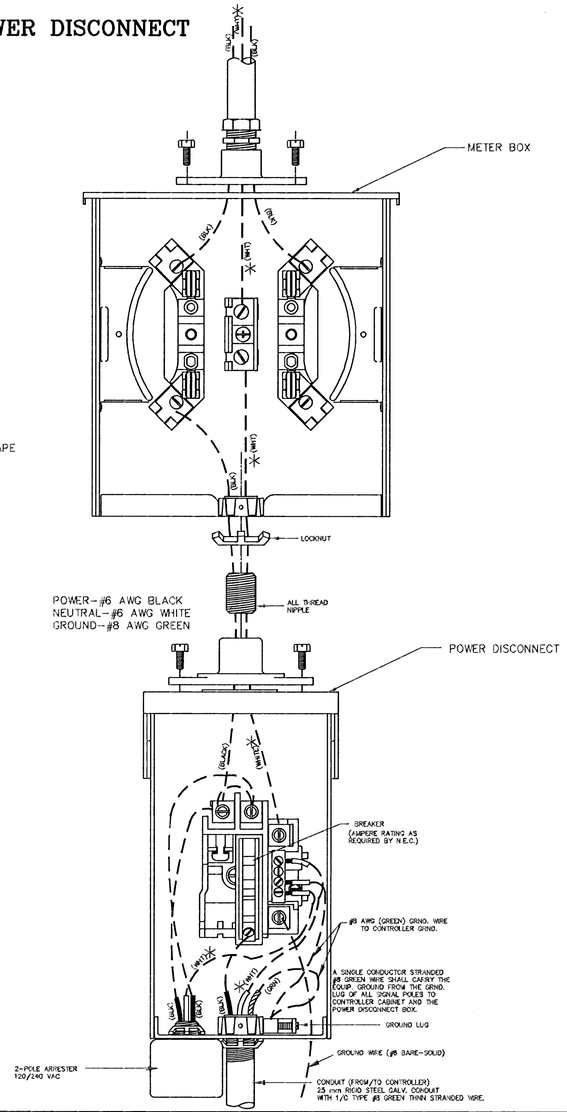
SPANWIRE ASSEMBLY DETAILS

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 (300 mm 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



* TO BE MARKED WITH WHITE TAPE

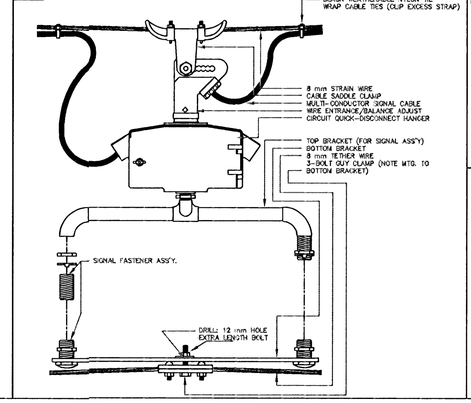
POWER-#6 AWG BLACK
NEUTRAL-#6 AWG WHITE
GROUND-#8 AWG GREEN

A

STRAIN POLE ASSEMBLY

B

SIGNAL BRACKET ASSEMBLY DETAILS



C

WOOD POLE ASSEMBLY DETAILS

NOTE:
1. GALV. THIMBLE EYE ANCHOR BOLT AND EXPANDING ANCHOR (NOT SHOWN) TO STABILIZE WOOD POLE (WHERE APPLICABLE)
2. ANY COMBINATION OF FOUND/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; 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.

PROJECT DESCRIPTION

POWER POLE AND SPAN POLE ASSEMBLY DETAILS

STANDARD APPLICATIONS

PROJECT NUMBER

DRAWN BY: TM	APPROVED BY	REVISED:
DATE: Feb. 96		DATE:

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS

TRAFFIC ENGINEERING DIVISION — SCALE: NO SCALE

WM. G. McKINLEY, TRAFFIC ENGINEER