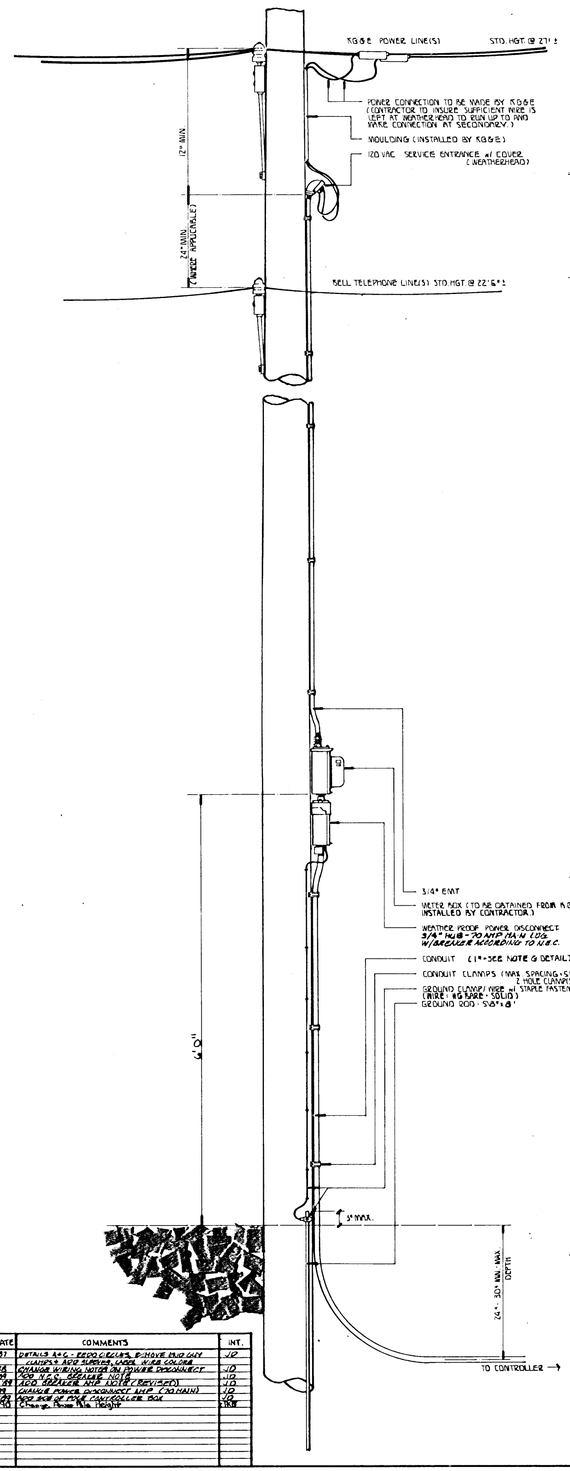
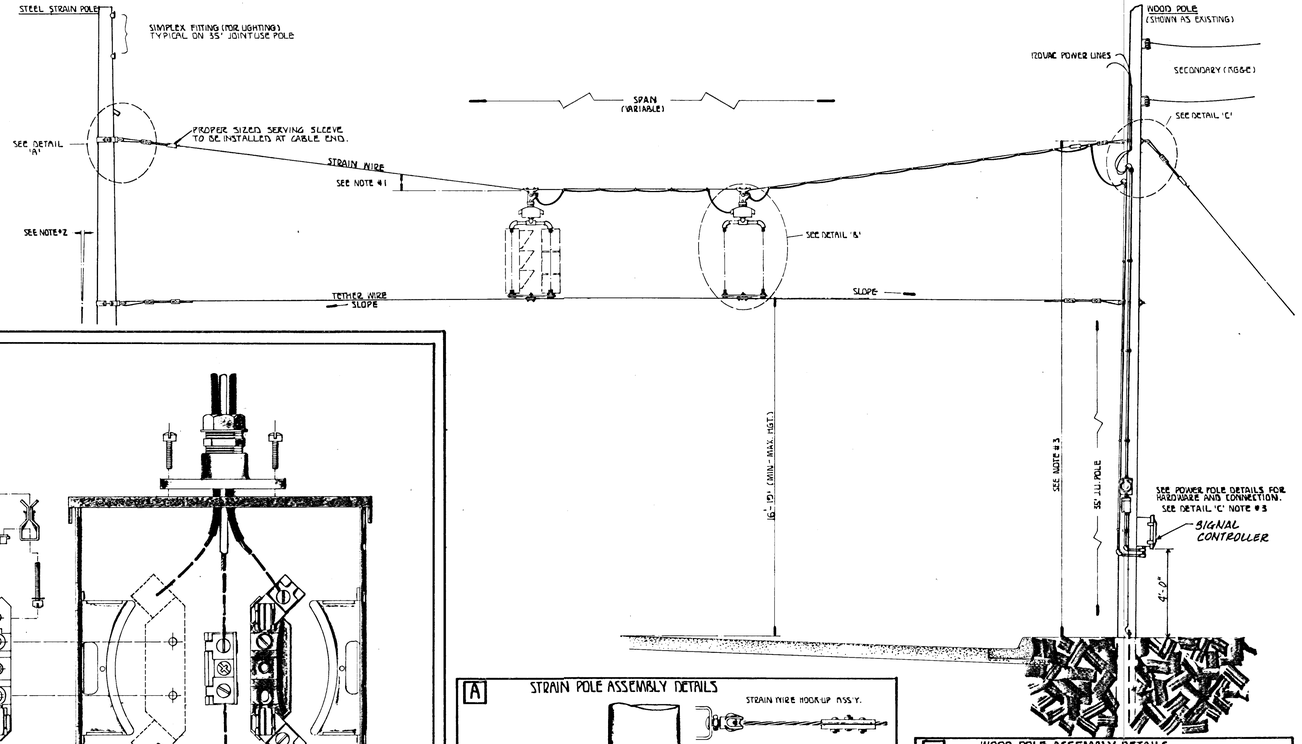
POWER POLE DETAILS



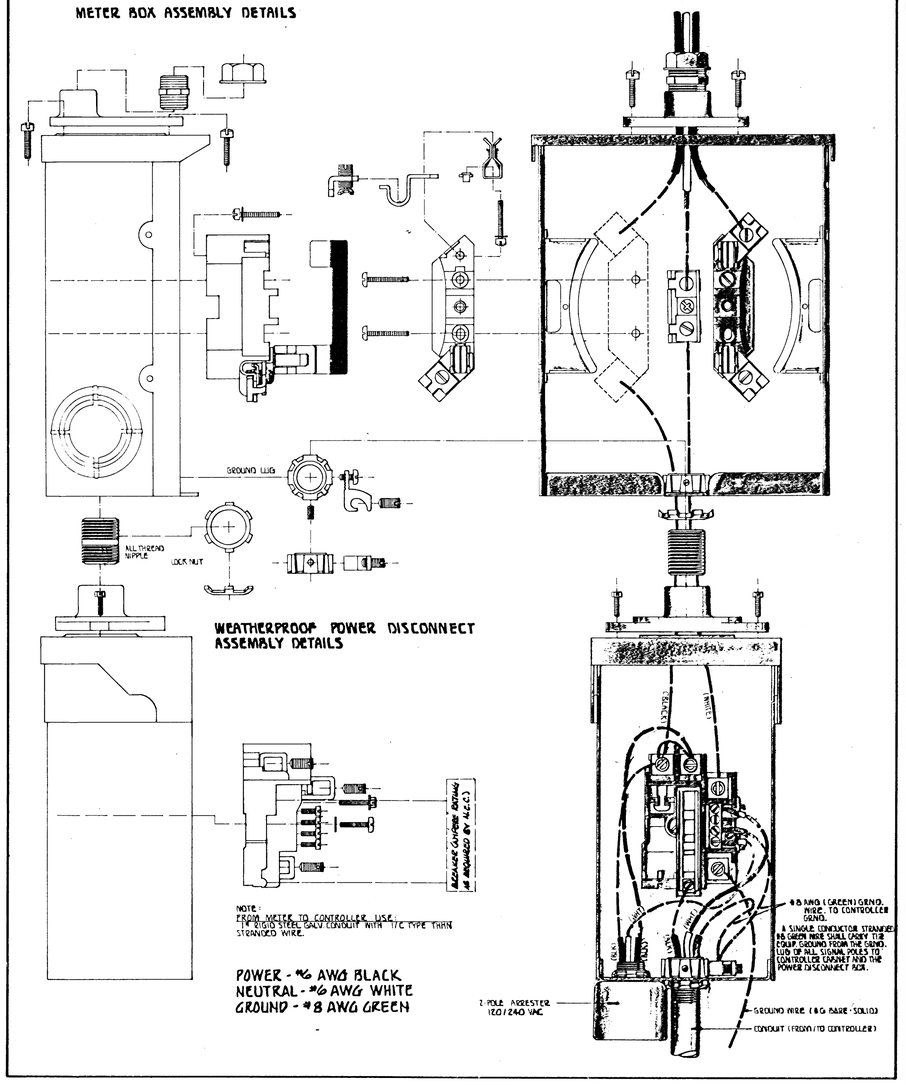
REV. DATE	COMMENTS	INT.
AUG. 97	DETAILS 4 & 6 - ADDED CIRCUIT BREAKER ON LINE SIDE OF DISCONNECT SWITCH & ADDED NOTE 8	JD
OCT. 94	CHANGE WIRING METER ON FUSE DISCONNECT	JD
JAN. 94	ADD "A" & "B" DETAILS & NOTES	JD
AUG. 93	ADD GROUND ROD DETAIL (REVISED)	JD
APR. 93	CHANGE POWER DISCONNECT AMP (30 AMP)	JD
SEPT. 92	ADD NOTE ON POLE CONTROLLER BOX	JD
OCT. 90	Change Phase No. Height	SKW

SPANWIRE ASSEMBLY DETAILS

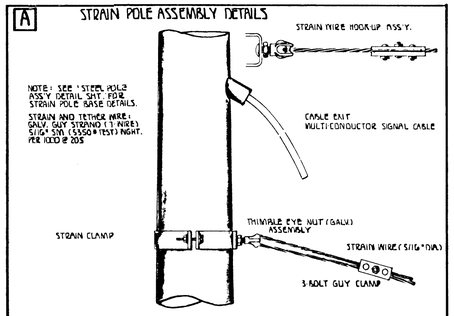
1. DROP MAX. AT 5% OF SPAN. (7½ SAG)
2. STD. RAISE AT 3%
3. HEIGHT OF STRAIN WIRE HOOK-UP TO BE DETERMINED BY FIELD ENGINEER. TRAFFIC SIGNAL CABLE TO BE SECURED TO STRAIN (SPAN) WIRE W/ NON-CORR. NYLON CABLE HANGERS (12" CTRS.) DETAIL 'B'
4. TETHER CLAMP TO BE DESIGNED TO RELEASE UNDER 'HIGH WIND LOAD' TO PERMIT SIGNAL 'FREE-SWING'.
5. CONTRACTOR TO GIVE 24 HR. NOTICE TO ENGINEER PRIOR TO POURING ANY SIGNAL BASE OR CONTROLLER PAD.



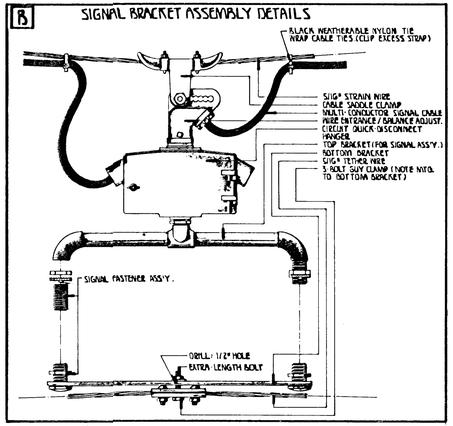
METER BOX ASSEMBLY DETAILS



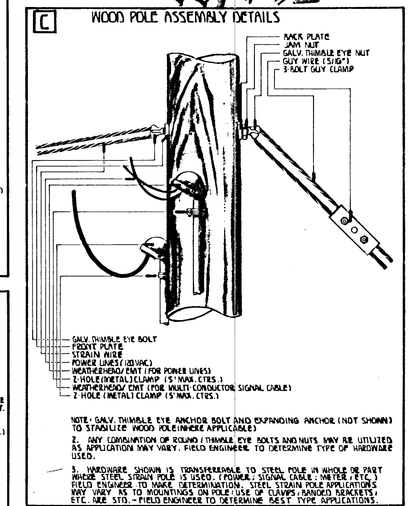
A STRAIN POLE ASSEMBLY DETAILS



B SIGNAL BRACKET ASSEMBLY DETAILS



C WOOD POLE ASSEMBLY DETAILS



NOTE: 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 OR 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 MOUNTINGS ON POLE (USE OF CLAMPS / BANDED BRACKETS, ETC. MFR. STD. - FIELD ENGINEER TO DETERMINE BEST TYPE APPLICATIONS.

PROJECT DESCRIPTION

POWER POLE AND SPAN POLE ASSEMBLY DETAILS

- STANDARD APPLICATIONS -

PROJECT NUMBER

468-82138 & 472-82668

BOOK NO.	APPROVED BY	DATE SEPT. 03
DRAWN BY SEAL		REVISED 1-89 (LARGE SCALE)

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS

TRAFFIC ENGINEERING
WM. G. MCKINLEY TRAFFIC ENGINEER

SCALE: DO NOT SCALE / INFO. ONLY