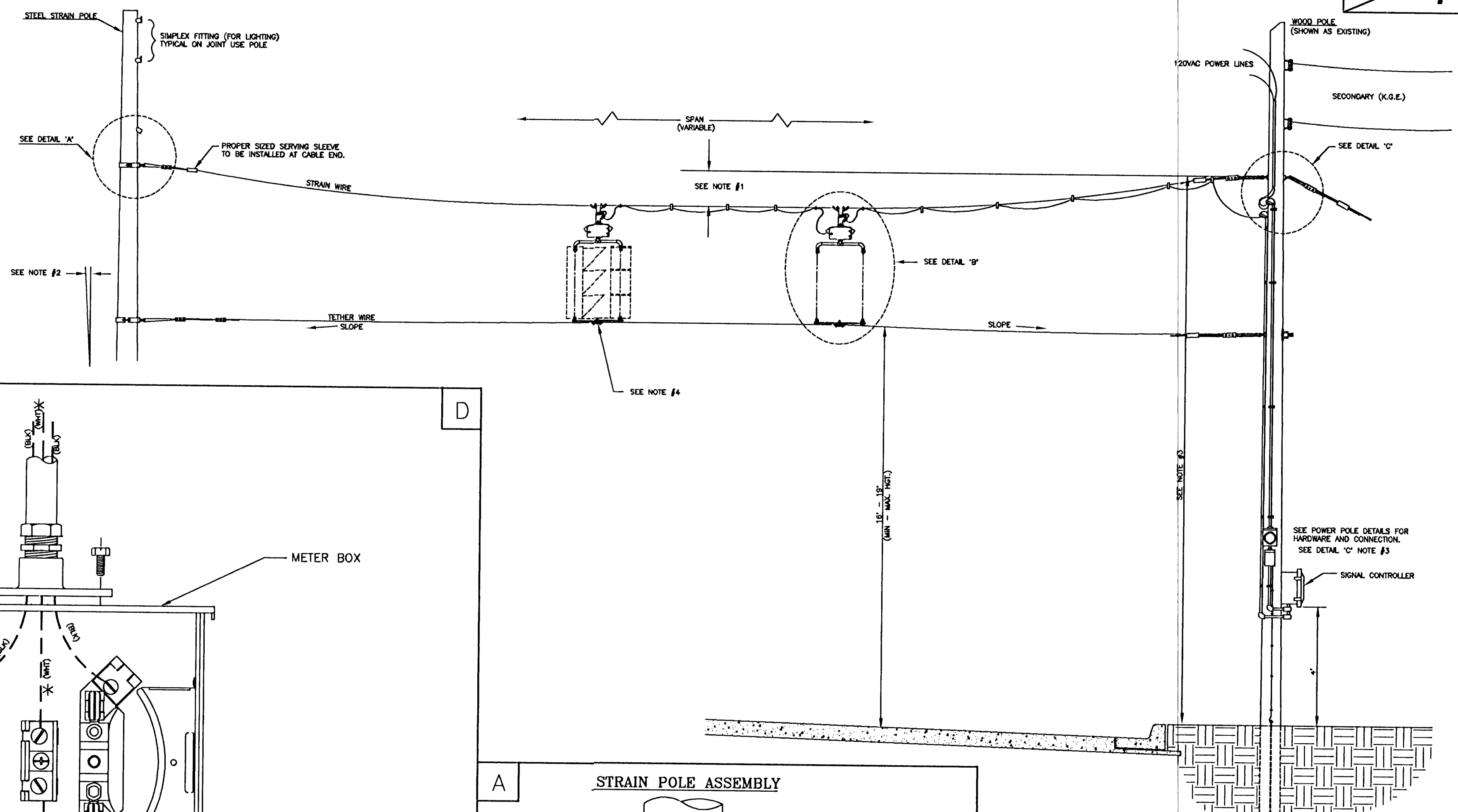
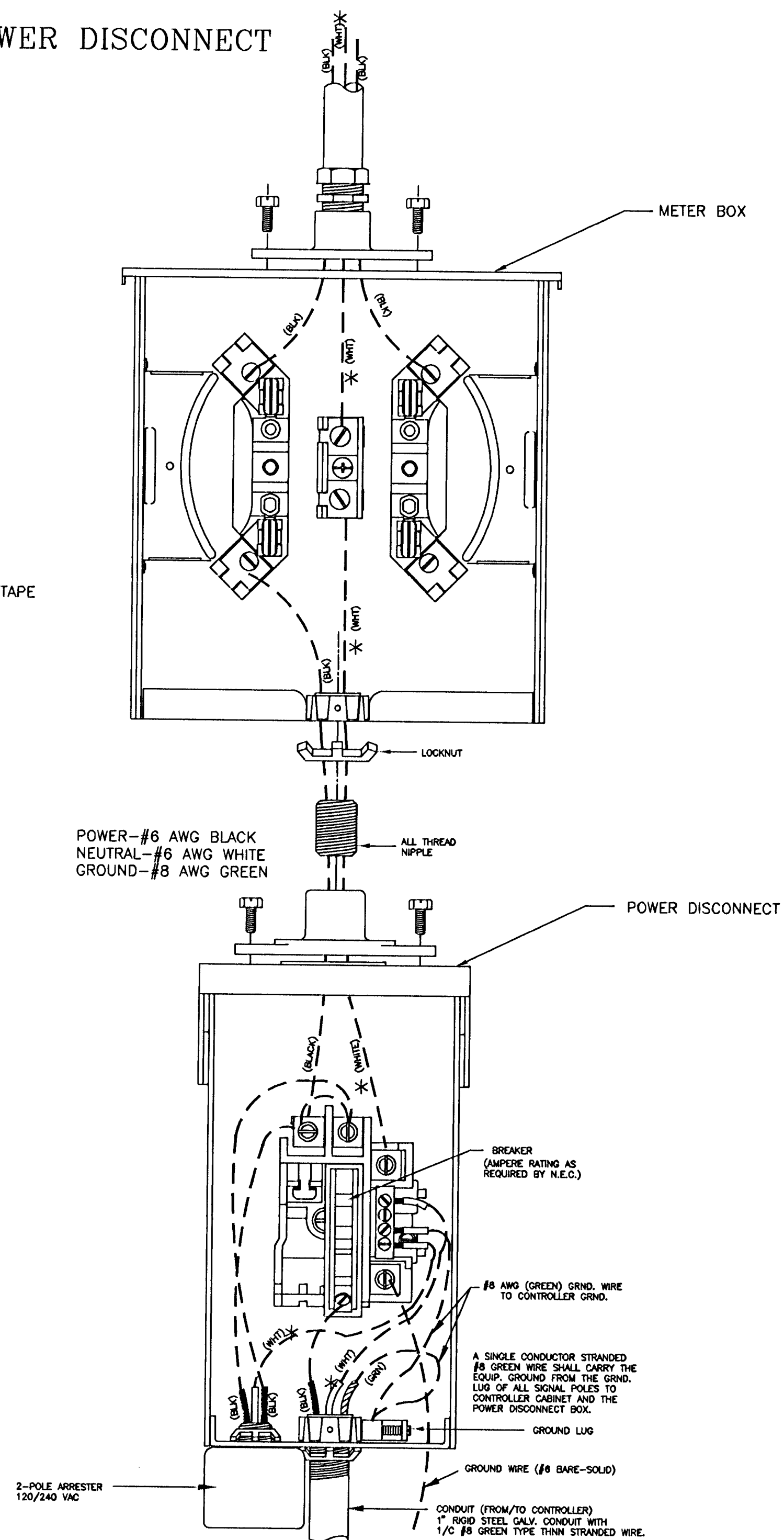


1. MAX. SAG = 5% OF SPAN.
2. STANDARD BACKRAKE = 1.5'
3. HEIGHT OF STRAIN WIRE HOOK—UP TO BE DETERMINED BY FIELD ENGINEER.
TRAFFIC SIGNAL CABLE TO BE SECURED TO STRAIN (SPAN) WIRE WEATHERABLE NYLON CABLE HANGERS (12" CTR.) DETAIL 'B'
4. TETHER CLAMP TO BE DESIGNED TO RELEASE UNDER 'HIGH WIND LOAD' TO PERMIT SIGNAL 'FREE SWING'.



NOTE:

* TO BE MARKED WITH WHITE TAPE



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

STRAIN AND TETHER WIRE:
GALV. GUT STRAND (TOWIRE)
5/16" SM (3550 #TST) WEIGHT
PER 1000 @ 200

CABLE EXIT
MULTI-CONDUCTOR SIGNAL CABLE

THIMBLE EYE NUT (GALV.)
ASSEMBLY

STRAIN CLAMP

STRAIN WIRE (5/16" DIA.)

3-BOLT GUT CLAMP

Diagram illustrating the Signal Assembly (Fig. 1). The assembly includes a central unit connected to various components via cables and wires. Key components and connections are labeled:

- BLACK WEATHERABLE NYLON TIE WRAP CABLE TIES (CLIP EXCESS STRAP)
- 5/16" STRAIN WIRE
- CABLE SADDLE CLAMP
- MULTI-CONDUCTOR SIGNAL CABLE
- WIRE ENTRANCE/BALANCE ADJUST
- CIRCUIT QUICK-DISCONNECT HANGER
- TOP BRACKET (FOR SIGNAL ASSY)
- BOTTOM BRACKET
- 5/16" TETHER WIRE
- 8-BOLT OUT CLAMP (NOTE MTG. TO BOTTOM BRACKET)
- SIGNAL FASTENER ASSY.
- DRILL: 1/2" HOLE EXTRA LENGTH BOLT

POWER POLE AND SPAN POLE ASSEMBLY DETAILS		PROJECT DESCRIPTION	
		PROJECT NUMBER 472-82858	
DRAWN BY: T.M.		APPROVED BY	REVISED BY:
DATE: FEB. 96			DATE:
CITY OF WICHITA DEPARTMENT OF PUBLIC WORKS			
DIVISION OF TRAFFIC ENGINEERING		SCALE	7
WM. G. MCKINLEY P.E.	TRAFFIC ENGINEER	NO SCALE	