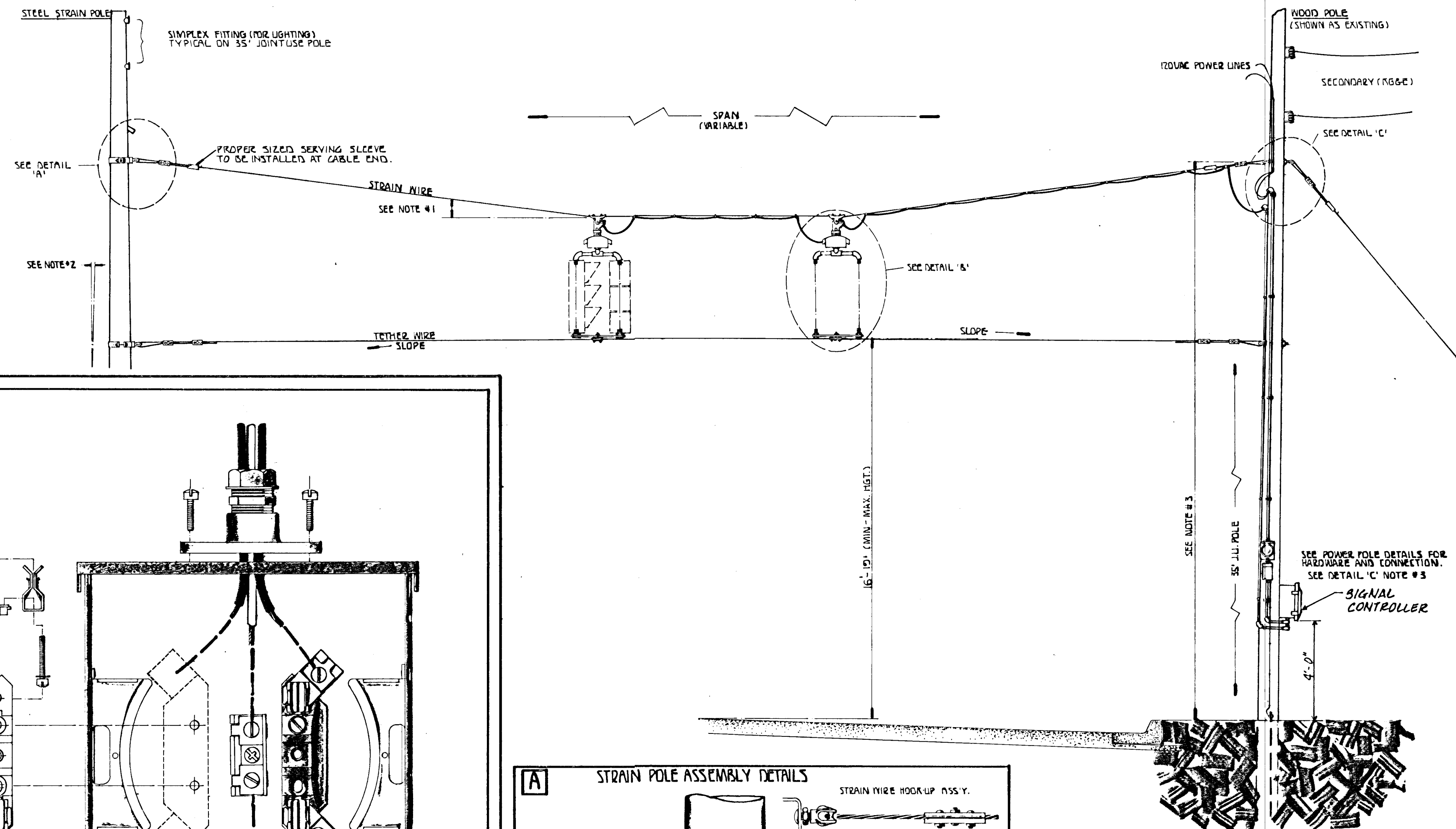


1. DROP MAX. AT 5% OF SPAN. (1% SAG)
2. STD. RAKE AT 3%.
3. HEIGHT OF STRAIN WIRE HOOK-UP TO BE DETERMINED BY FIELD ENGINEER. TRAFFIC SIGNAL CABLE TO BE SECURED TO STRAIN (SPAN) WIRE w/ NON-CORR. NYLON CABLE HANGERS (17" CTGS.) DETAIL 'B'
4. TETHER CLAMP TO BE DESIGNED TO RELEASE UNDER 'HIGH WIND LOAD' 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

The top left drawing shows a side view of the meter box assembly with various components labeled: 'GROUND LUG', 'ALL-THREAD NUT', and 'LOCK NUT'. The top right drawing is a top-down view of the meter box showing internal wiring and components. The bottom left drawing is a side view of the weatherproof power disconnect assembly. The bottom right drawing is a top-down view of the weatherproof power disconnect assembly showing internal wiring and components.

WEATHERPROOF POWER DISCONNECT ASSEMBLY DETAILS

NOTE:
FROM WIRE TO CONTROLLER USE
1/4" RIGID STEEL GALV CONDUIT WITH 1/2" TYPE THIN
STANDARD WIRE.

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

**2-POL. ARRESTER
120/240 VAC**

**REMARKS: OUTSIDE BOXING
AS REQUIRED BY N.E.C.**

**#8 AWG (GREEN) GROUND
WIRE TO CONTROLLER
GROUND.**

**A SINGLE CONDUCTOR STRAND
IN GREEN WIRE SHALL CARRY THE
GND. GROUND FROM THE GROUND
LUG OF ALL SIGNAL POLES TO THE
CONTROLLER CABINET AND THE
POWER DISCONNECT ASSEMBLY.**

**GROUND WIRE (#8 AWG - SOLID)
(CONDUIT FROM) TO CONTROLLER**

[illegible]

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 SCAL		REVISED 4-89 C. J. JENSEN, JR.
CITY OF WICHITA		
DEPARTMENT OF PUBLIC WORKS		
TRAFFIC ENGINEERING		SCALE
A.M. G. MCINLNEY, TRAFFIC ENGINEER		DO NOT SCALE! INFO.