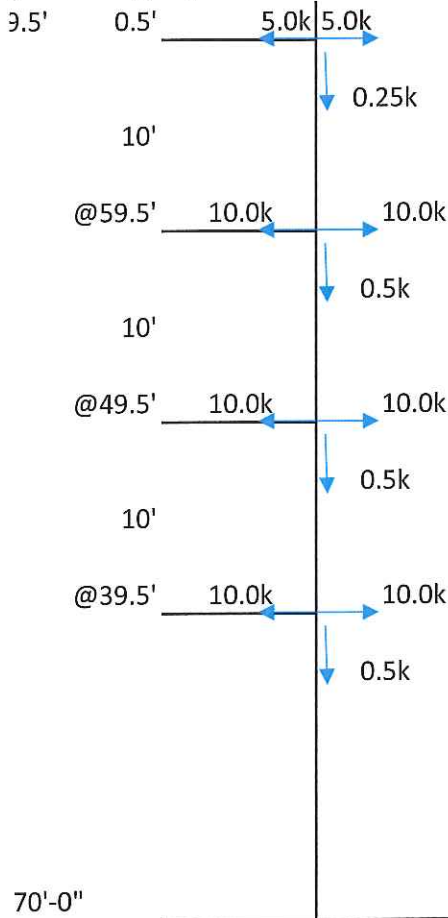


Structure 2 70' Steel Pole with 87-deg angle phases /w Double DE on Pole Vangs thru pole:
 70-feet /w concrete pier fdn
 /w ~87-deg ang cond DDE to Pole

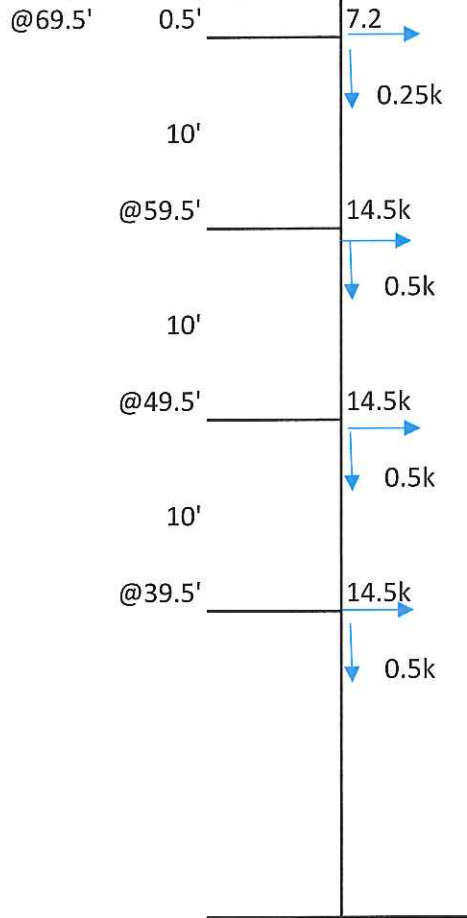


Case 1

Max Loads
 No Factors
 DE conductors to Pole
 NOT Switch Frame
 No Ice



Plan View



Case 2

Resultant
 No Factors

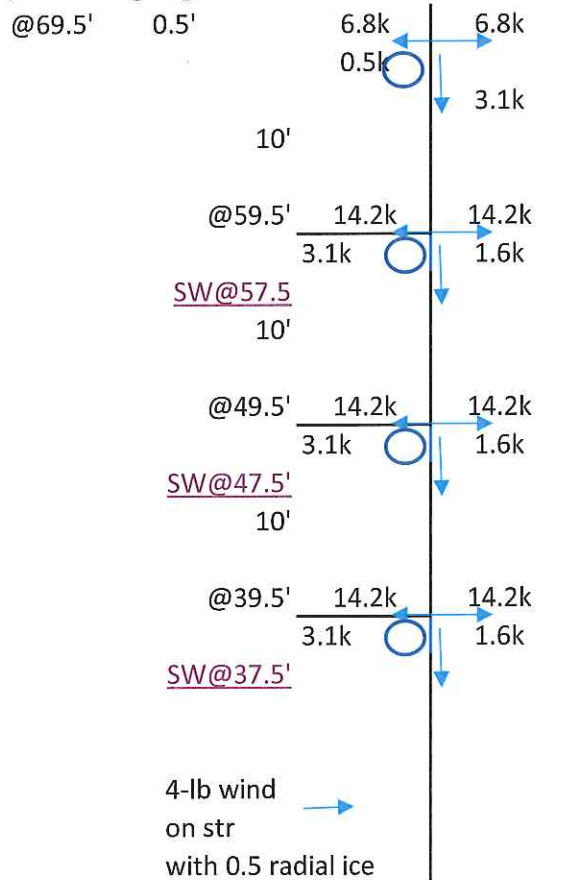
No Wind
 No Ice

Sheet 1 Str 2

Notes:

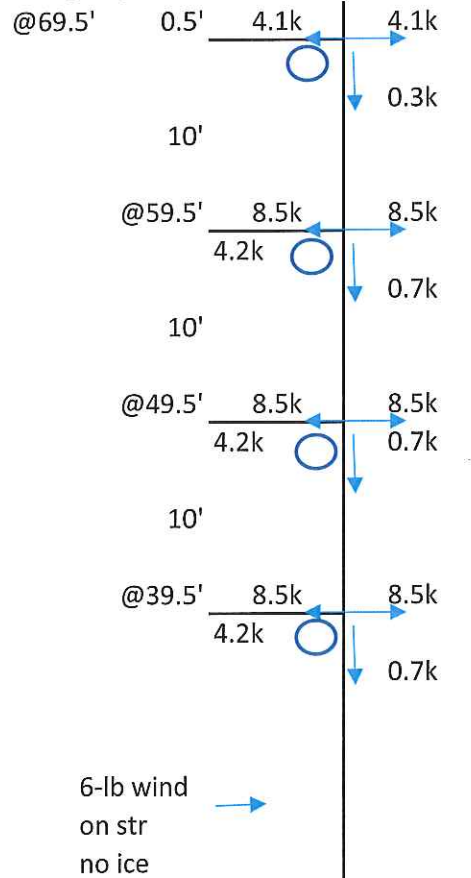
- 1 Anchor Bolts to be straight deformed bar as "L" or "J" shape are not acceptable.
- 2 Deadend on pole vangs and vangs to be through pole (for future use)
- 3 See Detail Drawings

Structure 2 70' Steel Pole with 87-deg angle phases /w Double DE on Pole Vangs thru pole:
 70-feet /w concrete pier fdn
 /w ~87-deg ang cond DDE to Pole



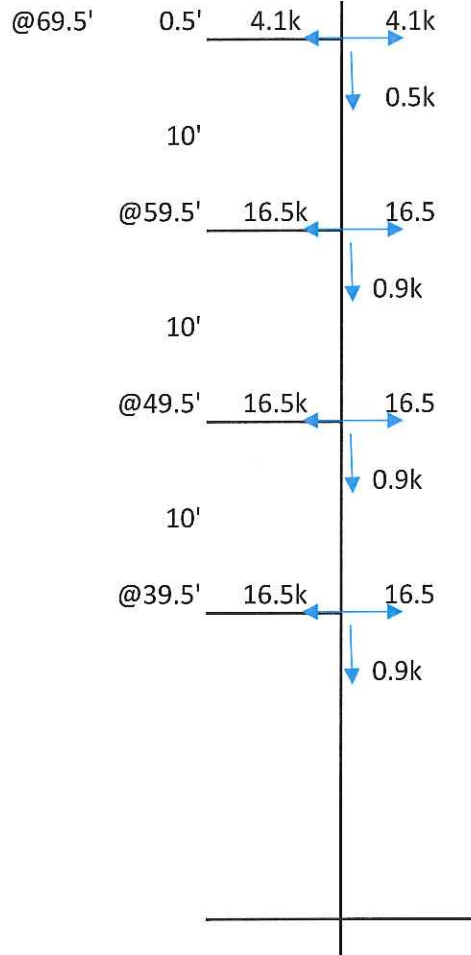
Case 3
 40 mph Wind=4#/ft²
 With Factors
 with ICE 0.50 radial
 Transverse=

70-feet /w concrete pier fdn
 /w ~87-deg ang cond DDE to Pole



Case 4
 ~48 mph Wind=6#/ft²
 With Factors
 Transverse=

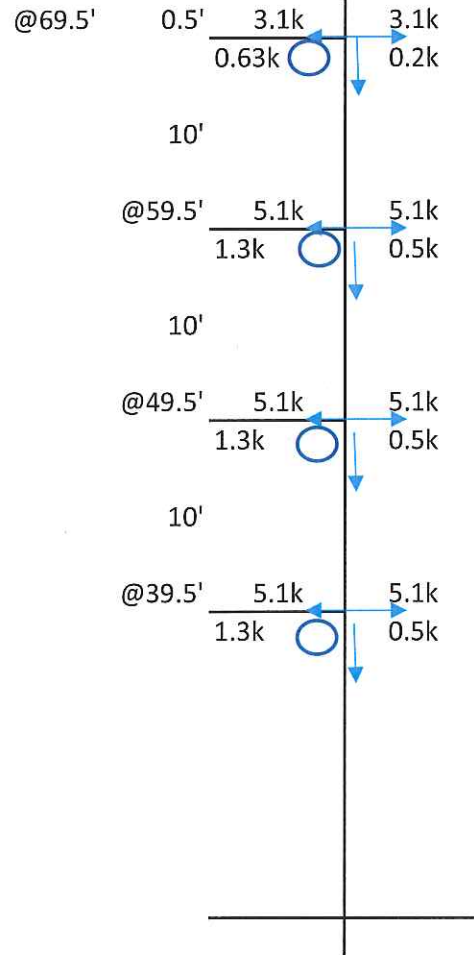
Structure 2 70' Steel Pole with 87-deg angle phases /w Double DE on Pole Vangs thru pole:
 70-feet /w concrete pier fdn
 /w ~87-deg ang cond DDE to Pole



Case 5


Tension
 /w Overload Factor
 No Ice
 No Wind

70-feet /w concrete pier fdn
 /w ~87-deg ang cond DDE to Pole



Case 6

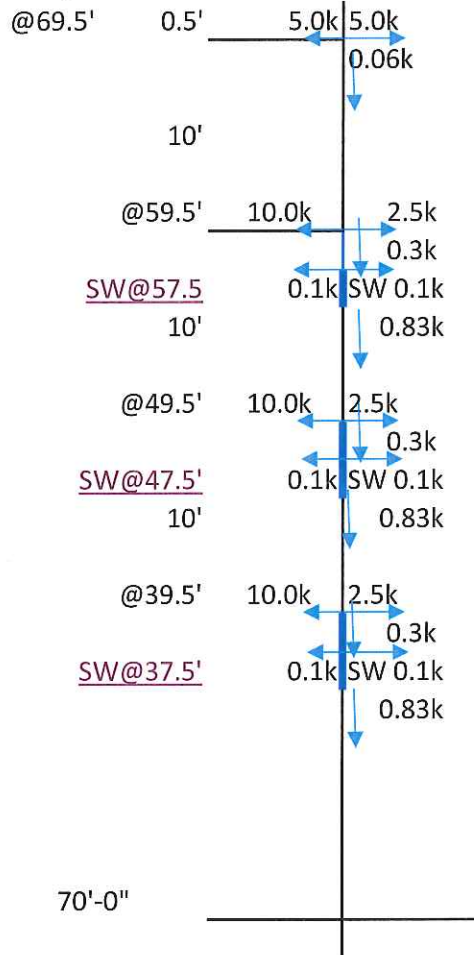
60-degree Ambient
 Tension

Transverse= 

Structure 5 70' Steel Pole, Conductors Double Deadended on Pole Vangs through pole:

70-feet /w concrete pier fdn

/w Switch 2' below cond DE to Pole



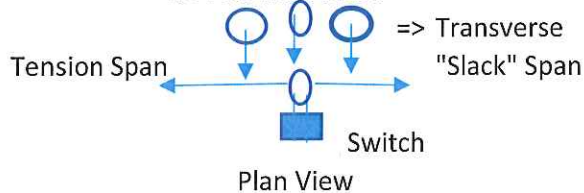
Case 1

Max Loads

No Factors

DE conductors to Pole

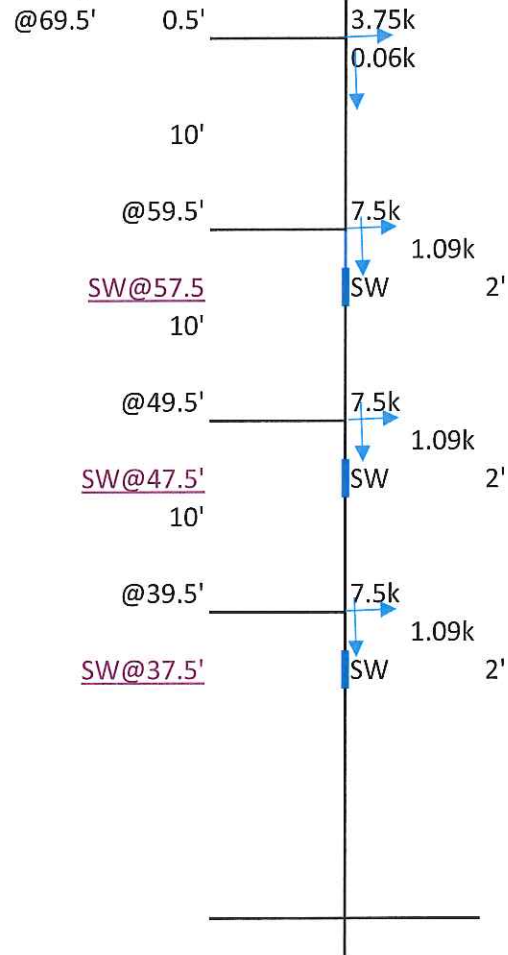
NOT Switch Frame



Plan View

70-feet /w concrete pier fdn

/w Switch 2' below cond DE to Pole



Case 2

Resultant

No Factors

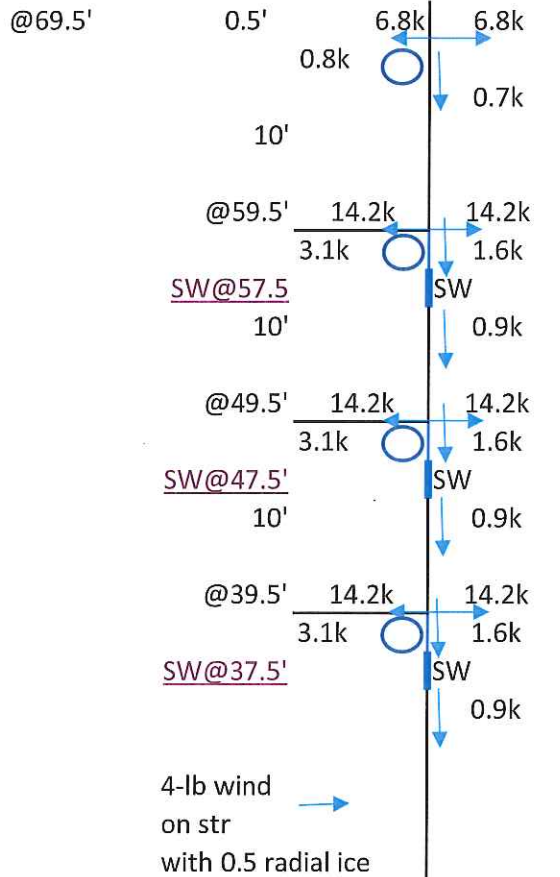
DE conductors to Pole

NOT Switch Frame

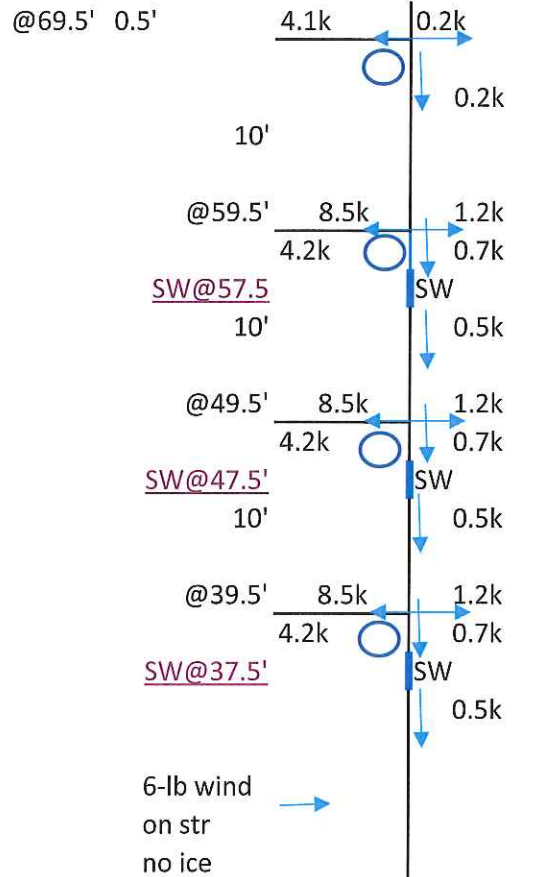
Notes:

- 1 Anchor Bolts to be straight deformed bar as "L" or "J" shape are not acceptable.
- 2 Deadend on pole vangs NOT on SWITCH frame.
- 3 See Detail Drawings

Structure 5 70' Steel Pole, Conductors Double Deadended on Pole Vangs through pole:
 70-feet /w concrete pier fdn
 /w Switch 2' below cond DE to Pole



Case 3
 40 mph Wind=4#/ft²
 With Factors
 with ICE 0.50 radial
 Transverse=

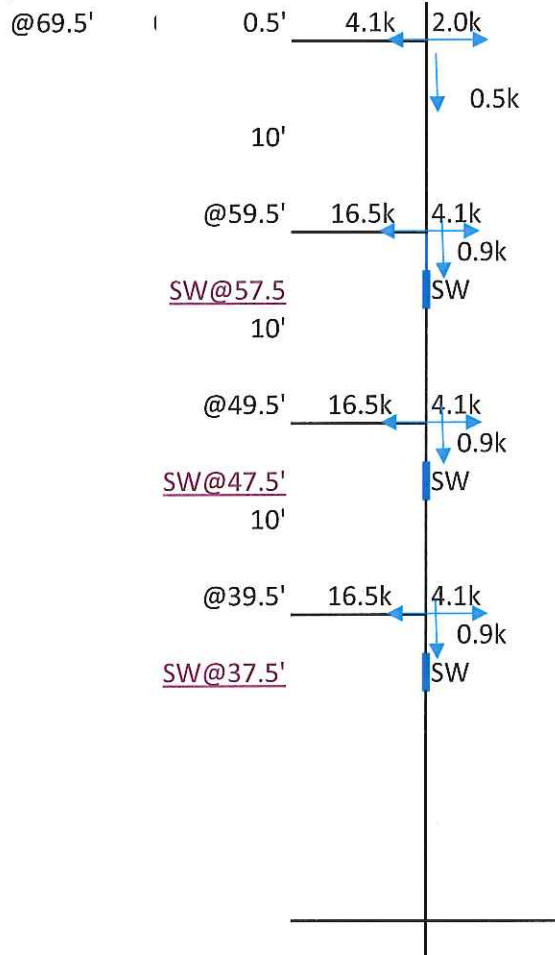


Case 4
 ~48 mph Wind=6#/ft²
 With Factors
 No Ice
 Transverse=

Structure 5 70' Steel Pole, Conductors Double Deadended on Pole Vangs through pole:

70-feet /w concrete pier fdn

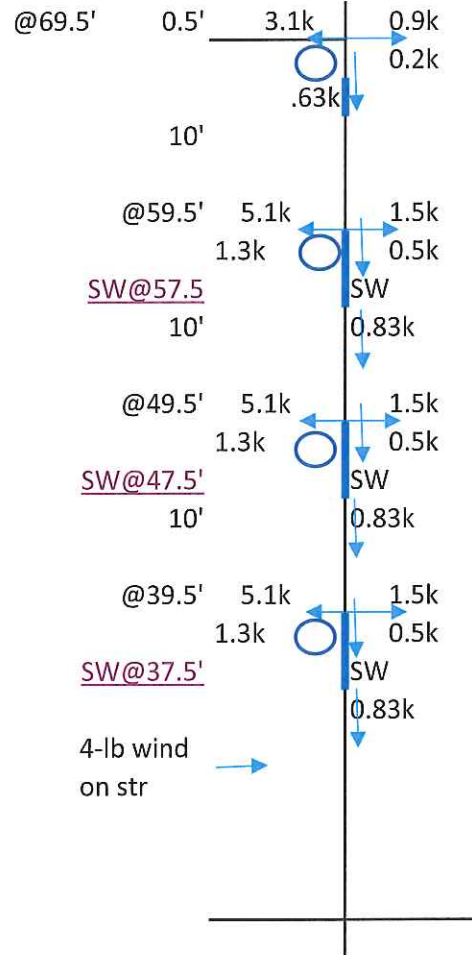
/w Switch 2' below cond DE to Pole



Case 5
Tension
/w Overload Factor
No Ice
No Wind

70-feet /w concrete pier fdn

/w Switch 2' below cond DE to Pole



Case 6
60-degree Ambient
Tension

Transverse=