

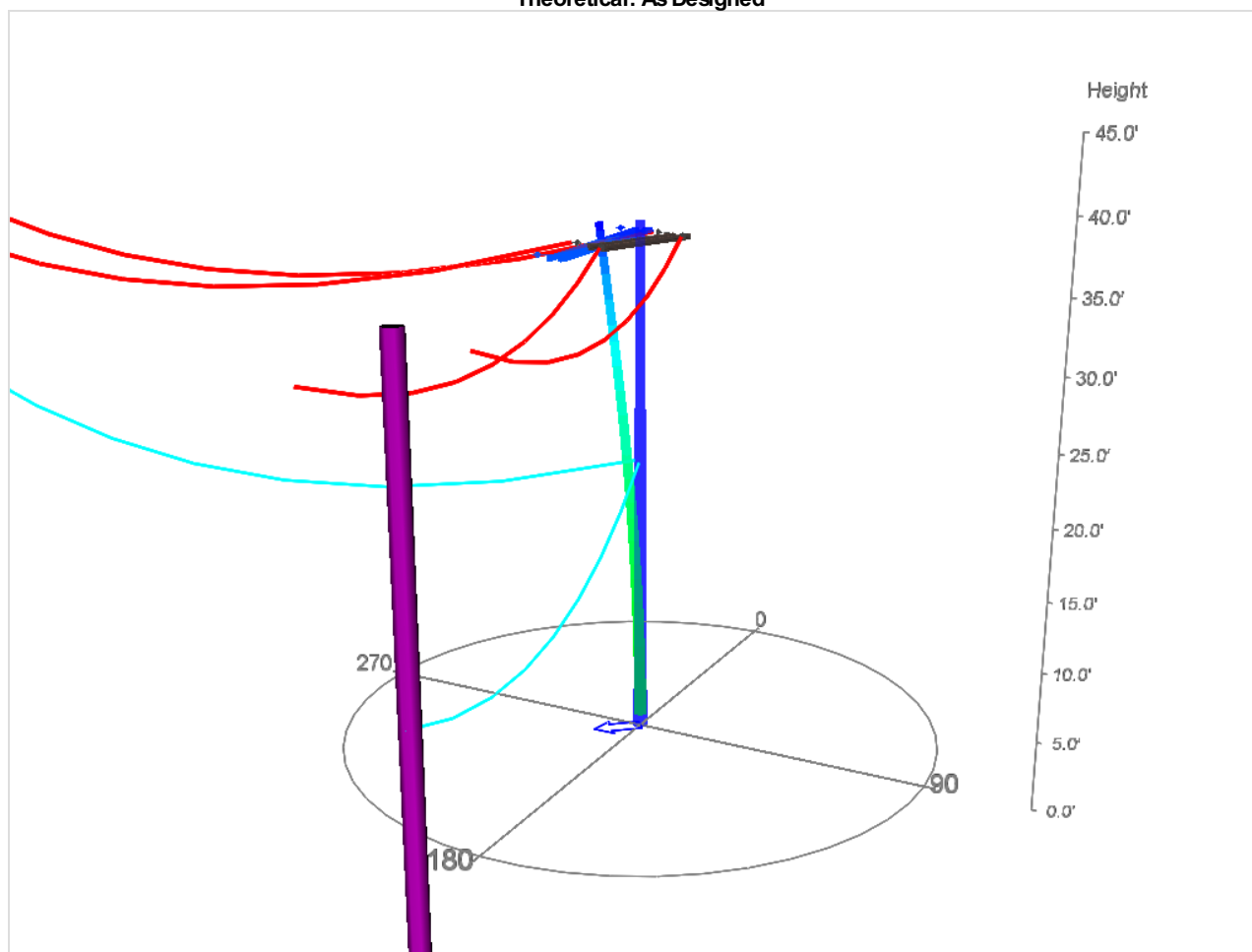
## Location Properties

Technician:	Map Number:
Address:	Pole Tags:
City:	State:
County:	Zip Code:
Cross Street 1:	Cross Street 2:
Remedy:	Summary Notes:
Comments:	

## Location Analysis Summary

Layer	Pole Length/Class	Minimum Safety Factor						Pole Strength Remaining	Loading Adjusted by Strength?	Clearance Violations Present?
		Pole	Guy	Anchor	Cross Arm	Insulator	Sidewalk Brace			
As Designed	45/2	6.22 from stress at 3' 3"	No Data	No Data	No Data	No Data	No Data	100%	Y	N

## Theoretical: As Designed



## Analysis Results

Component	New, 12 lb. Grade A (Governing Case)			Client File Maximum Rating
	Safety Factor	Load (Applied / Allowable)	Wind Direction	
Pole	6.22 from stress at 3' 3"	1223 / 7600 lb/in <sup>2</sup>	230 °	7600 lb/in <sup>2</sup>

## Wire End Points and Wires

WEP#1

Type	Environment		Distance		Direction		GPS Point		Inclination		Measured Between		Measured to Ground	
Next Pole	None		47'		165 °		Undefined.		0 °		N/A		N/A	
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	New, 12 lb. Grade A				
Wire#1	1/0 ACSR Tree Wire XLPE	SCE	Primary	Light Reduced Unguyed	37' 2"	0' 0"	1	22 lbF*	Dynamic	113.21 lbF**	1' 7"***			
Wire#2	1/0 ACSR Tree Wire XLPE	SCE	Primary	Light Reduced Unguyed	37' 2"	0' 0"	1	22 lbF*	Dynamic	113.21 lbF**	1' 7"***			
Wire#6	.25" CAT V Service	Unknown	Communication Service	Service	21' 0"	0' 0"	1	4 lbF*	Dynamic	28.96 lbF**	2' 1"***			

WEP#2

Type	Environment		Distance		Direction		GPS Point		Inclination		Measured Between		Measured to Ground	
Previous Pole	None		107'		280 °		Undefined.		0 °		N/A		N/A	
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	New, 12 lb. Grade A				
Wire#3	1/0 ACSR Tree Wire XLPE	SCE	Primary	Light Reduced Unguyed	37' 2"	0' 0"	1	59 lbF*	Dynamic	78.88 lbF**	9' 3"***			
Wire#4	1/0 ACSR Tree Wire XLPE	SCE	Primary	Light Reduced Unguyed	37' 2"	0' 0"	1	59 lbF*	Dynamic	78.66 lbF**	9' 4"***			
Wire#5	.25" CAT V Service	Unknown	Communication Service	Service	21' 0"	0' 0"	1	11 lbF*	Dynamic	21.91 lbF**	10' 8"***			

\*Tension value used in an analysis may vary dependent on 'Average Length on Main Span' setting in the Load Case.

\*\* Tension value is inclusive of environmental and load factors associated with the Load Case.

\*\*\* Sag value is inclusive of environmental and load factors associated with the Load Case.

## Cross Arms

ID	Size	Height	Association	Direction	Offset	Insulators
CrossArm#1	10 Foot Double Cross Arm	37' 0"	Other	10 °	5' 0"	Insulator#3, Insulator#4, Insulator#1, Insulator#5

## Insulators

ID	Size	Direction	Offset	Wires
Insulator#3	16 kV Deadend	165 °	0' 4"	Wire#1
Insulator#4	16 kV Deadend	280 °	0' 4"	Wire#4
Insulator#1	16 kV Deadend	165 °	9' 8"	Wire#2
Insulator#5	16 kV Deadend	280 °	9' 8"	Wire#3

## Location 946349E Location Forms

## SAP

- Field Inspection Date: 03/22/2021
- High Fire: Extreme
- Special Project: No
- Associated Poles:
- Visible Damage: No
- Pole Type: ED
- District: 35 - Thousand Oaks
- Region: ED-NW-NORTHCOA
- Above 3000 Ft Elevation: No
- As Designed Work Type: Replace
- Access Notes: