

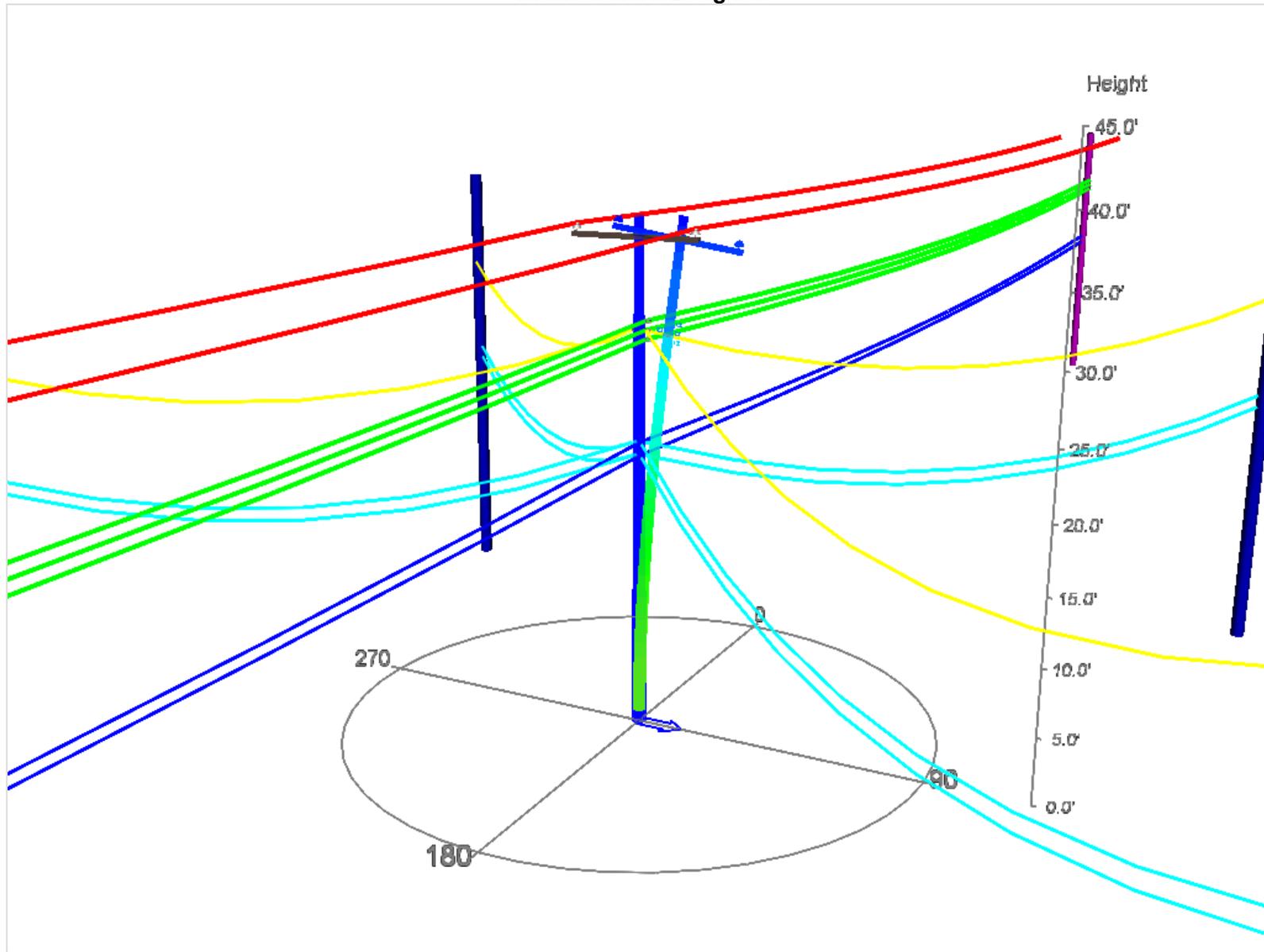
Location Properties

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	45/1	5.1 from stress at 1' 0"	No Data	No Data	No Data	No Data	No Data	100%	Y	N

Theoretical: As Designed



Analysis Results

Loading

Component	New, 12 lb, Grade A (Governing Case)			Client File Maximum Rating
	Safety Factor	Load (Applied / Allowable)	Wind Direction	
Pole	5.1 from stress at 1'0"	1570 / 8000 lb/in ²	90 °	8000 lb/in ²

Wire End Points and Wires

WEP#1											
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground				
Next Pole	None	161'	0 °	Undefined.	0 °	N/A	N/A				
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	New, 12 lb, Grade A	
										Tension	Sag
Wire#2	1/0 ACSR Tree Wire XLPE	SCE	Primary	Light Full	37' 9"	0' 0"	1	915 lbF*	Dynamic	1370.06 lbF**	1' 10"****
Wire#4	1/0 ACSR Tree Wire XLPE	SCE	Primary	Light Full	37' 9"	0' 0"	1	915 lbF*	Dynamic	1375.73 lbF**	1' 10"****
Wire#5	1/0 WP Al.	SCE	Secondary	Light Full	31' 0"	0' 0"	1	254 lbF*	Dynamic	649.28 lbF**	2' 6"****
Wire#8	1/0 WP Al.	SCE	Secondary	Light Full	30' 4"	0' 0"	1	254 lbF*	Dynamic	649.11 lbF**	2' 6"****
Wire#9	1/0 WP Al.	SCE	Secondary	Light Full	29' 8"	0' 0"	1	254 lbF*	Dynamic	648.95 lbF**	2' 6"****
Wire#19	1" CATV 1/4" Messenger	Unknown	Communication	Light Full	22' 0"	0' 0"	1	841 lbF*	Dynamic	1320.19 lbF**	2' 8"****
Wire#26	.75" TELCO 5/16" Messenger	Unknown	Communication	Light Full	21' 0"	0' 0"	1	1302 lbF*	Dynamic	1671.13 lbF**	1' 9"****

WEP#2											
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground				
Previous Pole	None	160'	180 °	Undefined.	0 °	N/A	N/A				
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	New, 12 lb, Grade A	
										Tension	Sag
Wire#1	1/0 ACSR Tree Wire XLPE	SCE	Primary	Light Full	37' 9"	0' 0"	1	931 lbF*	Dynamic	1370.11 lbF**	1' 10"****
Wire#3	1/0 ACSR Tree Wire XLPE	SCE	Primary	Light Full	37' 9"	0' 0"	1	931 lbF*	Dynamic	1375.98 lbF**	1' 10"****
Wire#6	1/0 WP Al.	SCE	Secondary	Light Full	31' 0"	0' 0"	1	250 lbF*	Dynamic	651.93 lbF**	2' 5"****
Wire#7	1/0 WP Al.	SCE	Secondary	Light Full	30' 4"	0' 0"	1	250 lbF*	Dynamic	651.82 lbF**	2' 5"****
Wire#10	1/0 WP Al.	SCE	Secondary	Light Full	29' 8"	0' 0"	1	250 lbF*	Dynamic	651.71 lbF**	2' 5"****
Wire#20	1" CATV 1/4" Messenger	Unknown	Communication	Light Full	22' 0"	0' 0"	1	840 lbF*	Dynamic	1322.22 lbF**	2' 8"****
Wire#25	.75" TELCO 5/16" Messenger	Unknown	Communication	Light Full	21' 0"	0' 0"	1	1302 lbF*	Dynamic	1678.46 lbF**	1' 9"****

WEP#3											
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground				
Building	None	56'	44 °	Undefined.	0 °	N/A	N/A				
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	New, 12 lb, Grade A	
										Tension	Sag
Wire#11	4 Al. Triplex Service	SCE	Utility Service	Service	30' 4"	0' 0"	1	16 lbF*	Dynamic	34.21 lbF**	4' 4"****
Wire#22	.25" CATV Service	Unknown	Communication Service	Service	22' 0"	0' 0"	1	6 lbF*	Dynamic	13.22 lbF**	4' 4"****
Wire#30	.25" TELCO Service	Unknown	Communication Service	Service	21' 0"	0' 0"	1	6 lbF*	Dynamic	13.22 lbF**	4' 4"****

WEP#4											
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground				
Building	None	66'	134 °	Undefined.	0 °	N/A	N/A				
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	New, 12 lb, Grade A	
										Tension	Sag
Wire#12	4 Al. Triplex Service	SCE	Utility Service	Service	30' 4"	0' 0"	1	16 lbF*	Dynamic	32.4 lbF**	6' 0"****
Wire#21	.25" CATV Service	Unknown	Communication Service	Service	22' 0"	0' 0"	1	6 lbF*	Dynamic	12.51 lbF**	6' 1"****
Wire#27	.25" TELCO Service	Unknown	Communication Service	Service	21' 0"	0' 0"	1	6 lbF*	Dynamic	12.51 lbF**	6' 1"****

WEP#5											
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground				
Building	None	68'	251 °	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#14	4 Al. Triplex Service	SCE	Utility Service	Service	30' 4"	0' 0"	1	16 lbf*	Dynamic	17.2 lbf**	6' 5"***
Wire#23	.25" CATV Service	Unknown	Communication Service	Service	22' 0"	0' 0"	1	6 lbf*	Dynamic	6.48 lbf**	6' 5"***
Wire#28	.25" TELCO Service	Unknown	Communication Service	Service	21' 0"	0' 0"	1	6 lbf*	Dynamic	6.48 lbf**	6' 5"***

WEP#6											
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground				
Building	None	45'	312 °	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#17	4 Al. Triplex Service	SCE	Utility Service	Service	30' 4"	0' 0"	1	11 lbf*	Dynamic	21.08 lbf**	4' 1"***
Wire#24	.25" CATV Service	Unknown	Communication Service	Service	22' 0"	0' 0"	1	4 lbf*	Dynamic	7.89 lbf**	4' 3"***
Wire#29	.25" TELCO Service	Unknown	Communication Service	Service	21' 0"	0' 0"	1	4 lbf*	Dynamic	7.89 lbf**	4' 3"***

*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 Cross Arm	37' 0"	Other	270 °	5' 0"	Insulator#1, Insulator#2

Insulators

ID	Size	Direction	Offset	Wires
Insulator#1	12 kV Pin (Cross Arm)	0 °	0' 4"	Wire#4, Wire#1
Insulator#2	12 kV Pin (Cross Arm)	0 °	9' 8"	Wire#2, Wire#3
Insulator#3	3" Clevis Insulator	90 °	31' 0"	Wire#5, Wire#6
Insulator#4	3" Clevis Insulator	90 °	30' 4"	Wire#7, Wire#8, Wire#11, Wire#12
Insulator#5	3" Clevis Insulator	90 °	29' 8"	Wire#9, Wire#10
Insulator#7	3" Clevis Insulator	270 °	30' 4"	Wire#14, Wire#17

Location 1248027E Location Forms

SAP
<ul style="list-style-type: none"> Field Inspection Date: 02/22/2022 High Fire: No Special Project: No Associated Poles: Visible Damage: No Pole Type: ED District: 31 - Redlands Region: ED-SE-DESERT RE Above 3000 Ft Elevation: No As Designed Work Type: Replace Access Notes:

Pole Info Form
<ul style="list-style-type: none"> Pole Equipment #: Previous Inspection Date: Year Installed: As Is POA Height: As Is POA Diameter: As Designed POA Height: As Designed POA Diameter: Thomas Guide/Quadrant: Circuit : Substation: FIM: Location: City: Brand Height: Date Pole Load Performed: Comments: GPS Location: N/A

QC Comments
<ul style="list-style-type: none"> QC Comments:



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	45/3	3.32 from stress at 3' 3"	No Data	No Data	No Data	No Data	No Data	100%	Y	N