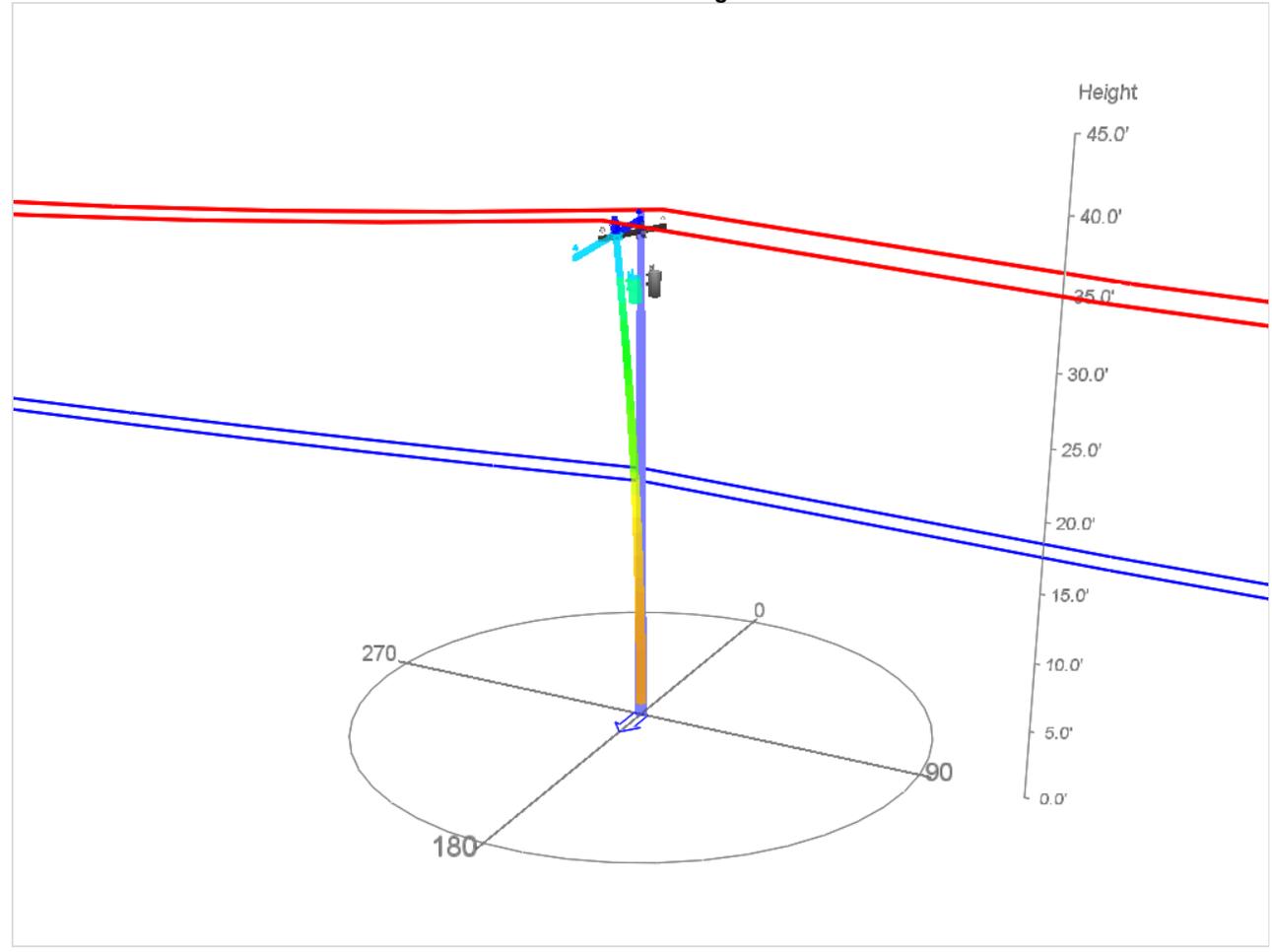


Location Properties	
Technician:	Map Number:
Address:	Pole Tags:
City:	State:
County:	Zip Code:
Cross Street 1:	Cross Street 2:
Remedy:	Summary Notes:
Comments:	

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	45/4	2.84 from stress at 3' 3"	No Data	No Data	No Data	No Data	No Data	100%	Y	N

Theoretical: As Designed



Analysis Results

Component	In Service, Heavy, 6 lb, Grade A (Governing Case)			In Service, 12 lb, Grade A			Client File Maximum Rating
	Safety Factor	Load (Applied / Allowable)	Wind Direction	Safety Factor	Load (Applied / Allowable)	Wind Direction	
Pole	2.84 from stress at 3' 3"	2814 / 8000 lb/in ²	180 °	2.98 from stress at 3' 3"	2686 / 8000 lb/in ²	170 °	8000 lb/in ²



Wire End Points and Wires

WE#1													
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground						
Other Pole	None	271'	90 °	Undefined.	0 °	N/A	N/A						
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	In Service, Heavy, 6 lb, Grade A		In Service, 12 lb, Grade A	
Wire#3	1/0 ACSR Tree Wire XLPE	SCE	Primary	Heavy Full	38' 9"	0' 0"	0.28	333.76 lbF	Dynamic	1471.27 lbF**	8' 6"***	843.28 lbF**	8' 3"***
Wire#4	1/0 ACSR Tree Wire XLPE	SCE	Primary	Heavy Full	38' 9"	0' 0"	0.28	333.76 lbF	Dynamic	1472.83 lbF**	8' 6"***	843.34 lbF**	8' 3"***
Wire#6	.5" TELCO 5/16" Messenger	Unknown	Communication	Heavy Full	20' 0"	0' 0"	1	928 lbF	Dynamic	2100.85 lbF**	5' 6"***	1256.68 lbF**	4' 7"***
Wire#7	.5" CATV 1/4" Messenger	Unknown	Communication	Heavy Full	19' 0"	0' 0"	1	659 lbF	Dynamic	1694.71 lbF**	6' 4"***	1021.05 lbF**	5' 0"***

WE#3													
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground						
Other Pole	None	98'	267 °	Undefined.	0 °	N/A	N/A						
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	In Service, Heavy, 6 lb, Grade A		In Service, 12 lb, Grade A	
Wire#5	.5" TELCO 5/16" Messenger	Unknown	Communication	Heavy Full	20' 0"	0' 0"	1	1161 lbF	Dynamic	2092.64 lbF**	0' 9"***	1289 lbF**	0' 7"***
Wire#8	.5" CATV 1/4" Messenger	Unknown	Communication	Heavy Full	19' 0"	0' 0"	1	677 lbF	Dynamic	1351.13 lbF**	1' 0"***	827.77 lbF**	0' 10"***

WE#2													
Type	Environment	Distance	Direction	GPS Point	Inclination	Measured Between	Measured to Ground						
Other Pole	None	150'	270 °	Undefined.	0 °	N/A	N/A						
ID	Size	Owner	Group	Tension Group	Height	Midspan	TAF	Initial Tension	Tension Method	In Service, Heavy, 6 lb, Grade A		In Service, 12 lb, Grade A	
Wire#1	1/0 ACSR Tree Wire XLPE	SCE	Primary	Heavy Full	38' 9"	0' 0"	0.34	358.05 lbF	Dynamic	1513.15 lbF**	2' 6"***	891.66 lbF**	2' 5"***
Wire#2	1/0 ACSR Tree Wire XLPE	SCE	Primary	Heavy Full	38' 9"	0' 0"	0.34	357 lbF	Dynamic	1518.44 lbF**	2' 6"***	890.16 lbF**	2' 5"***

* 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.

Equipment

ID	Size	Owner	Type	Height	Bottom Height	Direction
Equip#1	Fuse Arm with 2 Cutouts	SCE	Cutout Arrestor	37' 6"	37' 6"	0 °
Equip#2	25 kVA Transformer	SCE	Transformer	34' 6"	34' 6"	90 °

Cross Arms

ID	Size	Height	Association	Direction	Offset	Insulators
CrossArm#1	10 Foot Cross Arm	37' 6"	Other	0 °	5' 0"	Insulator#1, Insulator#2

Insulators

ID	Size	Direction	Offset	Wires
Insulator#1	12 kV Post (Cross Arm)	90 °	0' 4"	Wire#4, Wire#1
Insulator#2	12 kV Post (Cross Arm)	90 °	9' 8"	Wire#3, Wire#2

Location 4185754E Location Forms

SAP
<ul style="list-style-type: none"> Field Inspection Date: 08/16/2022 High Fire: Elevated Special Project: No Associated Poles: Visible Damage: No Pole Type: ED District: 73 - Victorville Region: ED-SE-DESERTRE Above 3000 Ft Elevation: Yes As Designed Work Type: Existing 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: File: Location: City: Brand Height: Date Pole Load Performed: Comments: GPS Location: N/A

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