Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 11/27/17

Force/Stress Summary

Guy Anchor Design Loads

Radius (ft)	Drop (ft)	Azimuth ( )	Uplift (kip)	Shear (kip)
115.00	0.00	0	100.30	65.75
115.00	0.00	240	100.26	65.76
115.00	0.00	120	100.30	65.75

Maximum Cable Forces Summary

Load Case	Elevation (ft)	Cable	Anchor Node	Tower Node	Allow Tension (kip)	Applied Tension (kip)	Use %
1.2D + 1.6W 90 deg	54.66	9/16 EHS	A1a	29b	21.00	9.77	47
1.2D + 1.6W 90 deg	110.00	5/8 EHS	A1a	57b	25.44	15.49	61
1.2D + 1.6W 90 deg	165.33	11/16 EHS	A1a	85b	30.00	18.70	62
1.2D + 1.6W 90 deg	213.83	5/8 EHS	A1a	T4a	25.44	13.63	54
1.2D + 1.6W 60 deg	215.00	5/8 EHS	A1a	111b	25.44	13.37	53
1.2D + 1.6W 90 deg	267.66	5/8 EHS	A1a	T6a	25.44	12.56	49
1.2D + 1.6W 60 deg	268.83	11/16 EHS	A1a	143b	30.00	14.92	50