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

Equivalent Lateral Force Method

3	30.00	2,150	120,253	0.009	23	2,693
2	12.50	1,376	27,321	0.002	5	1,724
1	2.50	308	910	0.000	0	385
Alcatel-Lucent B13 RRH4x30-4R	272.00	173	131,630	0.009	25	217
Alcatel-Lucent B25 RRH4x30-4R	272.00	153	116,144	0.008	22	192
Raycap RxxDC-3315-PF-48	272.00	43	32,490	0.002	6	54
Alcatel-Lucent B66a RRH4x45 (AWS-3)	272.00	201	152,581	0.011	29	252
Commscope SBNHH-1D65C (96.6")	272.00	595	451,822	0.032	86	745
Flat Light Sector Frame	272.00	1,200	910,931	0.064	172	1,503
Torque Arms	270.00	500	376,255	0.027	71	626
Andrew ETW200VS12UB	260.00	33	23,748	0.002	4	41
RFS ATMA4P4DBP-VA20	260.00	48	34,327	0.002	6	60
Ericsson Radio 4478 B71	260.00	180	129,537	0.009	25	225
Radio Waves G3-2.4	260.00	25	17,991	0.001	3	31
RFS APX16DWV-16DWV-S-E-ACU	260.00	119	85,494	0.006	16	149
Round Sector Frame	260.00	900	647,684	0.046	123	1,127
RFS APXVAA24_43-U-A20	260.00	304	218,917	0.015	41	381
RAC 8' Ice Shield	239.00	600	390,841	0.028	74	751
Motorola PTP 45600	230.00	12	7,532	0.001	1	15
Radio Waves HPD6-4.7NS	230.00	405	252,105	0.018	48	507
Torque Arms	215.00	500	287,372	0.020	54	626
KMW HB-X-WM-17-65-00T-TTLNA	206.00	48	26,063	0.002	5	60
KMW HB-X-WM-17-65-00T	206.00	90	49,175	0.003	9	113
Stand-Off	206.00	300	163,917	0.012	31	376
10' Omni	190.00	25	12,414	0.001	2	31
Stand-Off	190.00	100	49,655	0.004	9	125
Raycap RUSDC-6267-PF-48	188.00	16	7,748	0.001	1	20
Ericsson RRUS-11 (50 lbs.)	188.00	150	73,556	0.005	14	188
KMW AM-X-CD-17-65-00T-RET	188.00	185	90,620	0.006	17	231
Round Sector Frame	188.00	900	441,333	0.031	84	1,127
10' Omni	170.00	25	10,883	0.001	2	31
Stand-Off	170.00	100	43,532	0.003	8	125
Stand-Off	168.00	100	42,927	0.003	8	125
TX RX Systems 421-83A-01261	168.00	20	8,585	0.001	2	25
Bird BA40-41-DIN	168.00	32	13,737	0.001	3	40
6' Ice Shield	153.00	450	172,938	0.012	33	564
Motorola PTP 45600	142.00	12	4,257	0.000	1	15
Radio Waves HPD4-4.7	142.00	85	29,906	0.002	6	106
Stand-Off	125.00	100	30,257	0.002	6	125
Bird BA40-41-DIN	125.00	32	9,682	0.001	2	40
2' Omni	124.00	10	2,997	0.000	1	13
Stand-Off	124.00	100	29,971	0.002	6	125
2' Omni	99.00	5	1,148	0.000	0	6
Stand-Off	99.00	100	22,962	0.002	4	125
2" X 8" GPS	38.00	10	740	0.000	0	13
Stand-Off	38.00	100	7,396	0.001	1	125
		35,252	14,136,006	1.000	2,675	44,145

LoadCase (0.9 - 0.2Sds) * DL + E Seismic (Reduced DL)

Section	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
27	272.50	246	187,056	0.013	35	208
26	269.42	107	80,419	0.006	15	91