CITY OF PORTLAND, MAINE RESURGAM
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 11/27/17

Equivalent Lateral Force Method

25	268.25	83	61,761	0.004	12	70
24	267.08	107	79,561	0.006	15	91
23	265.75	95	70,087	0.005	13	80
22	255.00	1,323	930,133	0.066	176	1,121
21	235.00	1,384	883,870	0.063	167	1,173
20	222.50	409	244,745	0.017	46	347
19	219.25	124	73,049	0.005	14	105
18	217.33	179	104,405	0.007	20	152
17	215.58	130	74,914	0.005	14	110
16	214.42	129	73,999	0.005	14	109
15	213.25	130	73,918	0.005	14	110
14	212.08	113	64,122	0.005	12	96
13	206.50	810	444,110	0.031	84	687
12	200.75	141	74,495	0.005	14	119
11	190.00	1,831	909,040	0.064	172	1,552
10	170.00	2,118	922,068	0.065	174	1,796
9	150.00	2,113	793,340	0.056	150	1,791
8	130.00	2,134	676,275	0.048	128	1,809
7	110.00	2,162	562,385	0.040	106	1,833
6	90.00	2,149	440,882	0.031	83	1,822
5	70.00	2,149	327,511	0.023	62	1,822
4	50.00	2,165	221,575	0.016	42	1,835
3	30.00	2,150	120,253	0.009	23	1,823
2	12.50	1,376	27,321	0.002	5	1,167
1	2.50	308	910	0.000	0	261
Alcatel-Lucent B13 RRH4x30-4R	272.00	173	131,630	0.009	25	147
Alcatel-Lucent B25 RRH4x30-4R	272.00	153	116,144	0.008	22	130
Raycap RxxDC-3315-PF-48	272.00	43	32,490	0.002	6	36
Alcatel-Lucent B66a RRH4x45 (AWS-3)	272.00	201	152,581	0.011	29	170
Commscope SBNHH-1D65C (96.6")	272.00	595	451,822	0.032	86	505
Flat Light Sector Frame	272.00	1,200	910,931	0.064	172	1,017
Torque Arms	270.00	500	376,255	0.027	71	424
Andrew ETW200VS12UB	260.00	33	23,748	0.002	4	28
RFS ATMA4P4DBP-VA20	260.00	48	34,327	0.002	6	40
Ericsson Radio 4478 B71	260.00	180	129,537	0.009	25	153
Radio Waves G3-2.4	260.00	25	17,991	0.001	3	21
RFS APX16DWV-16DWV-S-E-ACU	260.00	119	85,494	0.006	16	101
Round Sector Frame	260.00	900	647,684	0.046	123	763
RFS APXVAA24_43-U-A20	260.00	304	218,917	0.015	41	258
RAC 8' Ice Shield	239.00	600	390,841	0.028	74	509
Motorola PTP 45600	230.00	12	7,532	0.001	1	10
Radio Waves HPD6-4.7NS	230.00	405	252,105	0.018	48	343
Torque Arms	215.00	500	287,372	0.020	54	424
KMW HB-X-WM-17-65-00T-TTLNA	206.00	48	26,063	0.002	5	40
KMW HB-X-WM-17-65-00T	206.00	90	49,175	0.003	9	76
Stand-Off	206.00	300	163,917	0.012	31	254
10' Omni	190.00	25	12,414	0.001	2	21
Stand-Off	190.00	100	49,655	0.004	9	85
Raycap RUSDC-6267-PF-48	188.00	16	7,748	0.001	1	13
Ericsson RRUS-11 (50 lbs.)	188.00	150	73,556	0.005	14	127
KMW AM-X-CD-17-65-00T-RET	188.00	185	90,620	0.006	17	157
Round Sector Frame	188.00	900	441,333	0.031	84	763
10' Omni	170.00	25	10,883	0.001	2	21
Stand-Off	170.00	100	43,532	0.003	8	85
Stand-Off	168.00	100	42,927	0.003	8	85