

# FLOOR FLATNESS/ FLOOR LEVELNESS

## INSPECTION RESULTS

### Example

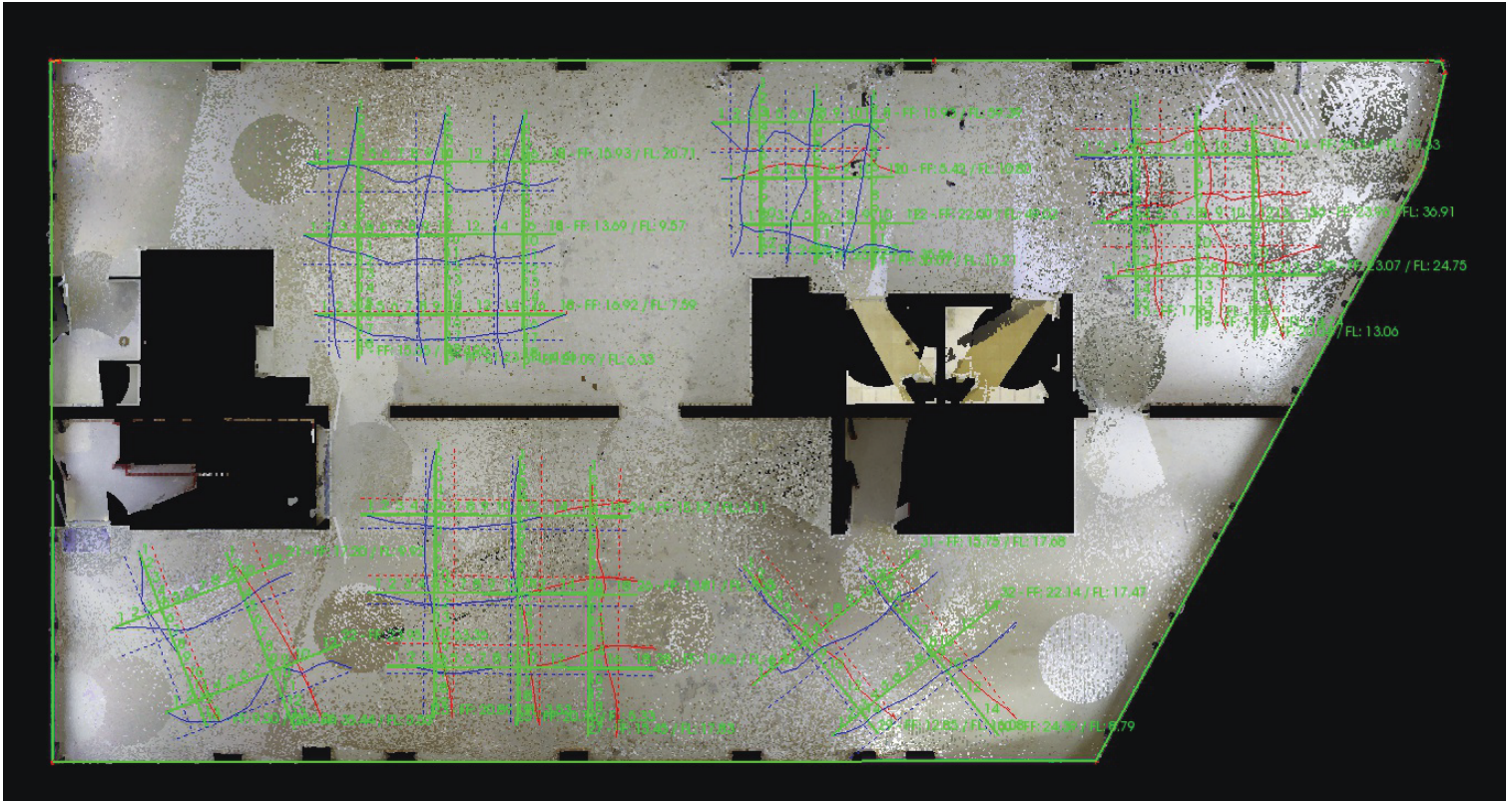
Vancouver

Date of scan: April 01, 2026

Floor Level: Level 2

# FF/FL ANALYSIS ASTM E1155

April 1, 2026/Level 2



## Inspection Information

Project	
Location	
Scan Date	
Measured Area	Level2

## Contract Specifications

Reference	Overall Flatness	Minimum Flatness	Overall Levelness	Minimum Levelness
CSI Division 03	35.000	35.000	35.000	35.000

## Overall Results

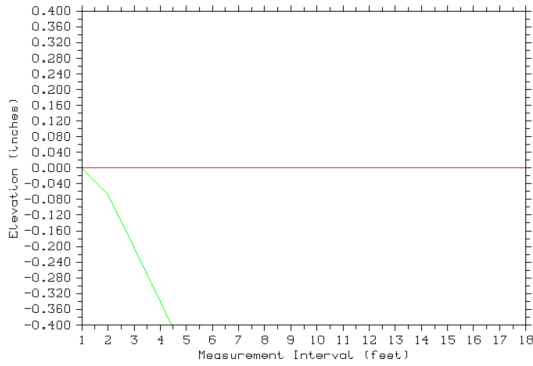
Measured Flatness(FF)	15.872	Measured Levelness(FL)	6.379
FF 90% Confidence	15.128 - 16.617	FL 90% Confidence	5.868 - 6.890
Measured Flatness Test	FAIL	Measured Levelness Test	FAIL
Minimum Flatness (FF_min)	5.416	Minimum Levelness (FL_min)	3.106
FF_min 90% Confidence	3.490 - 7.342	FL_min 90% Confidence	1.910 - 4.302
Minimum Flatness Test	FAIL	Minimum Levelness Test	FAIL
Measured Section Area	4053 ft <sup>2</sup>	Total Lengths Measured	485 ft
Minimum Length Requirement	135	Length Requirement Test	PASS

### Individual Results

Run #	Flatness (FF)	90% Confidence	Levelness (FL)	90% Confidence
1	15.650	11.018 - 20.282	4.960	2.961 - 6.958
2	15.926	11.212 - 20.640	20.708	12.364 - 29.052
3	21.231	14.947 - 27.516	4.457	2.661 - 6.253
4	13.689	9.638 - 17.741	9.569	5.713 - 13.425
5	21.088	14.846 - 27.330	6.328	3.778 - 8.878
6	16.920	11.912 - 21.928	7.587	4.530 - 10.644
7	24.284	15.649 - 32.919	26.322	9.835 - 42.808
8	15.928	10.264 - 21.592	59.389	22.191 - 96.587
9	25.771	16.607 - 34.935	35.557	13.286 - 57.828
10	5.416	3.490 - 7.342	10.799	4.035 - 17.562
11	36.066	23.241 - 48.891	16.206	6.056 - 26.356
12	22.002	14.178 - 29.826	49.024	18.319 - 79.730
13	17.875	12.123 - 23.627	18.975	9.920 - 28.031
14	25.341	17.187 - 33.496	19.330	10.105 - 28.555
15	15.031	10.194 - 19.868	14.737	7.704 - 21.770
16	23.958	16.248 - 31.667	36.909	19.295 - 54.524
17	20.036	13.588 - 26.483	13.063	6.829 - 19.297
18	23.072	15.647 - 30.496	24.746	12.936 - 36.555
19	9.498	6.239 - 12.758	6.058	2.660 - 9.456
20	35.436	23.275 - 47.597	5.548	2.436 - 8.661
21	17.204	11.300 - 23.108	9.924	4.357 - 15.491
22	23.946	15.728 - 32.164	63.364	27.821 - 98.907
23	20.892	14.862 - 26.922	3.534	2.173 - 4.895
24	15.117	10.753 - 19.480	3.106	1.910 - 4.302
25	20.727	14.745 - 26.710	5.328	3.276 - 7.379
26	13.812	9.825 - 17.798	3.648	2.243 - 5.053
27	15.445	10.987 - 19.903	17.828	10.963 - 24.694
28	19.600	13.942 - 25.257	6.405	3.938 - 8.871
29	12.848	8.713 - 16.982	16.080	8.406 - 23.753
30	24.387	16.540 - 32.235	8.786	4.593 - 12.979
31	15.746	10.679 - 20.813	17.676	9.240 - 26.111
32	22.140	15.015 - 29.264	17.469	9.132 - 25.806

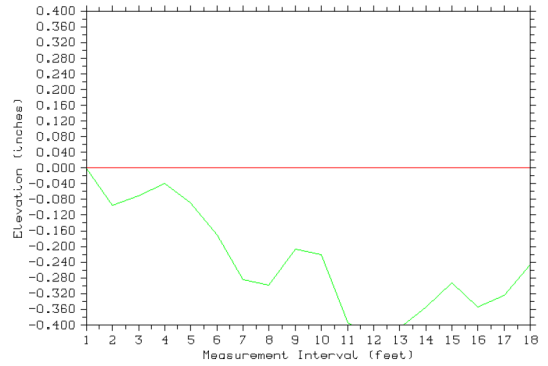
ASIM E1155 (2014) Run 1

Floor Flatness 15.65 <20.28-11.02>  
Floor Levelness 4.96 <6.96-2.96>



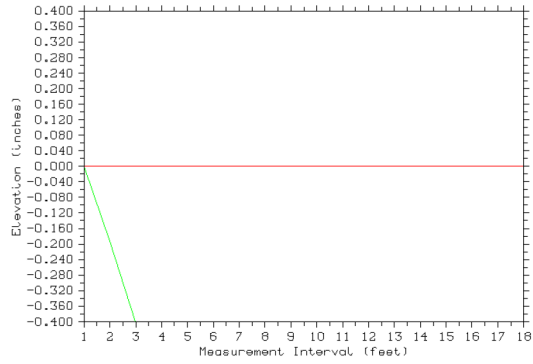
ASIM E1155 (2014) Run 2

Floor Flatness 15.93 <20.64-11.21>  
Floor Levelness 20.71 <29.05-12.36>



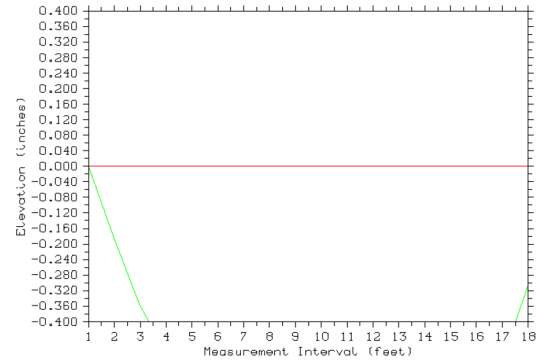
ASIM E1155 (2014) Run 3

Floor Flatness 21.23 <27.52-14.95>  
Floor Levelness 4.46 <6.25-2.66>



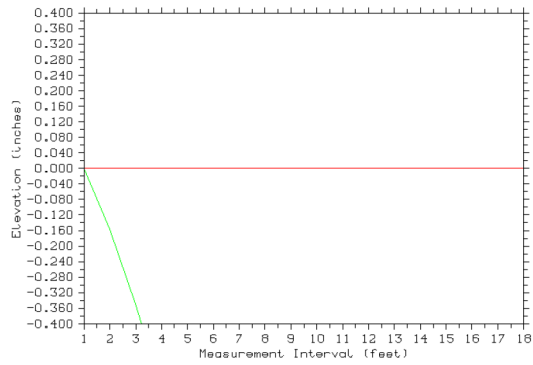
ASIM E1155 (2014) Run 4

Floor Flatness 13.69 <17.74-9.64>  
Floor Levelness 9.57 <13.43-5.71>



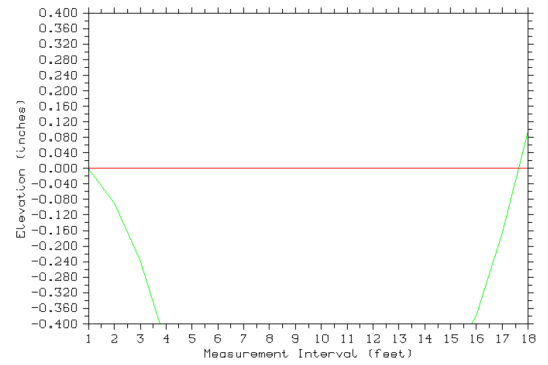
ASIM E1155 (2014) Run 5

Floor Flatness 21.09 <27.33-14.85>  
Floor Levelness 6.33 <8.88-3.78>



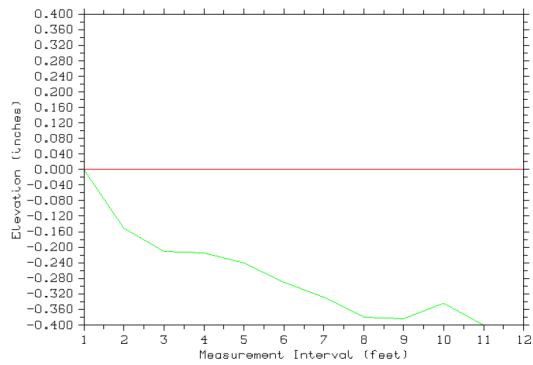
ASIM E1155 (2014) Run 6

Floor Flatness 16.92 <21.93-11.91>  
Floor Levelness 7.59 <10.84-4.53>



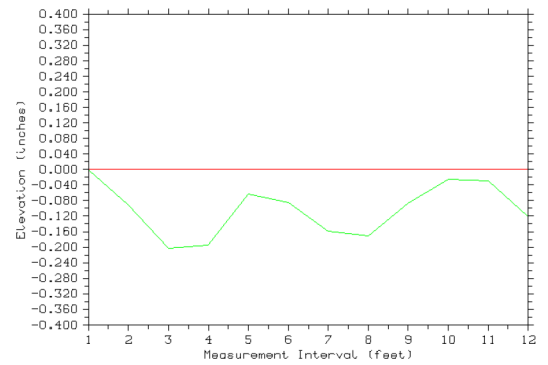
ASIM E1155 (2014) Run 7

Floor Flatness 24.28 <32.92-15.65>  
Floor Levelness 26.32 <42.81-9.84>

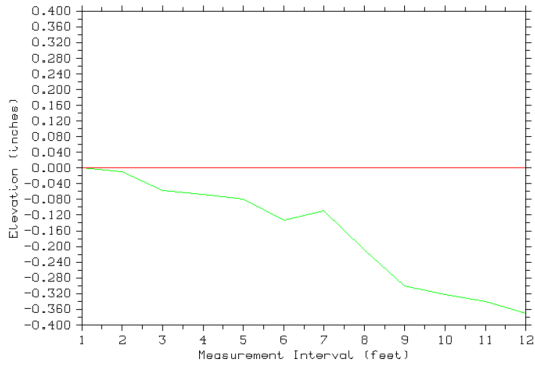


ASIM E1155 (2014) Run 8

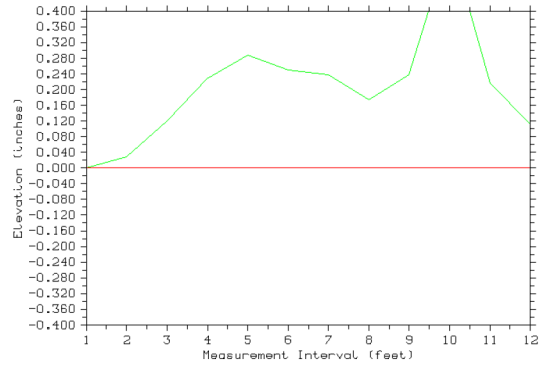
Floor Flatness 15.93 <21.59-10.26>  
Floor Levelness 59.39 <96.59-22.19>



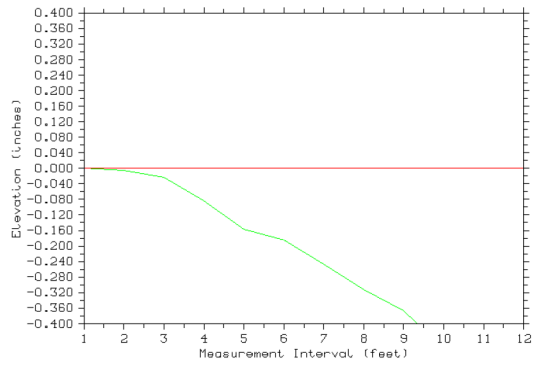
ASTM E1155 (2014) Run 9  
Floor Flatness 25.77 <34.93-16.61>  
Floor Levelness 35.56 <57.83-13.29>



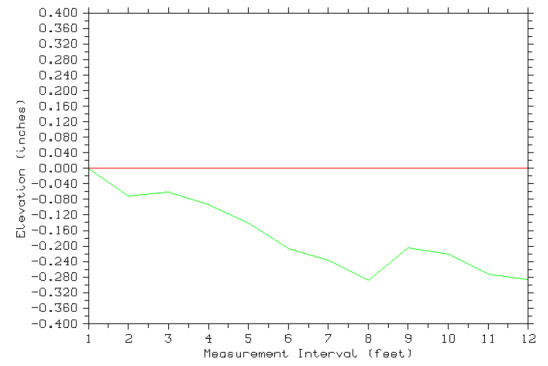
ASTM E1155 (2014) Run 10  
Floor Flatness 5.42 <7.34-3.49>  
Floor Levelness 10.80 <17.56-4.04>



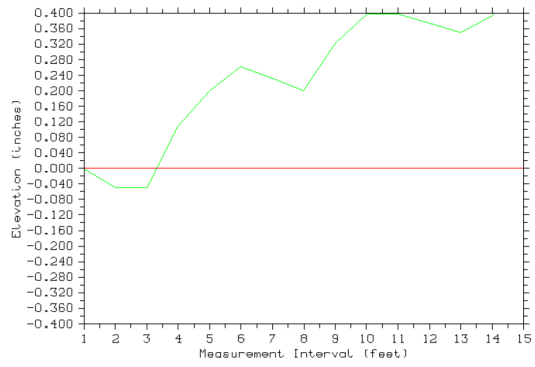
ASTM E1155 (2014) Run 11  
Floor Flatness 36.07 <48.89-23.24>  
Floor Levelness 16.21 <26.36-6.06>



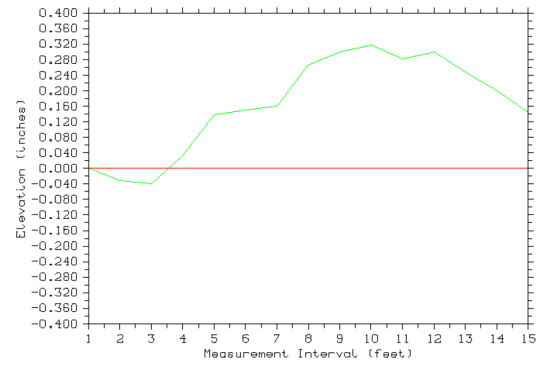
ASTM E1155 (2014) Run 12  
Floor Flatness 22.00 <29.83-14.18>  
Floor Levelness 49.02 <79.73-18.32>



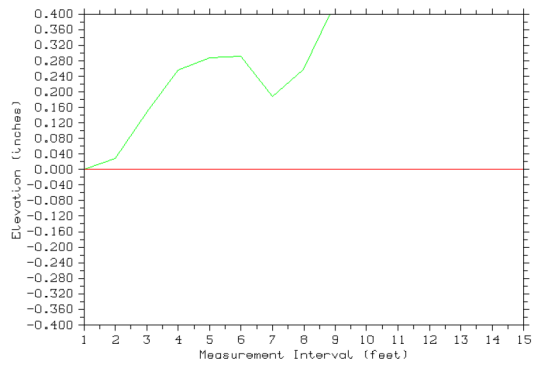
ASTM E1155 (2014) Run 13  
Floor Flatness 17.87 <23.83-12.12>  
Floor Levelness 18.98 <28.03-9.92>



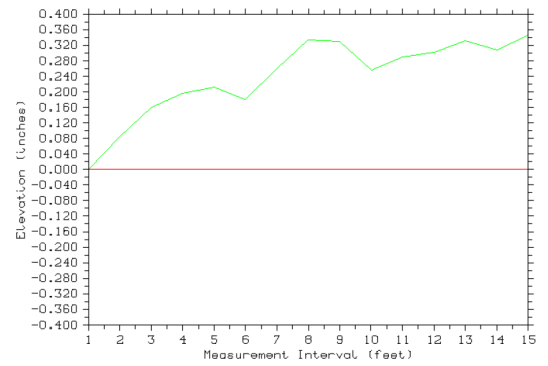
ASTM E1155 (2014) Run 14  
Floor Flatness 25.34 <33.50-17.19>  
Floor Levelness 49.02 <79.73-18.32>



ASTM E1155 (2014) Run 15  
Floor Flatness 15.03 <19.87-10.19>  
Floor Levelness 14.74 <21.77-7.70>

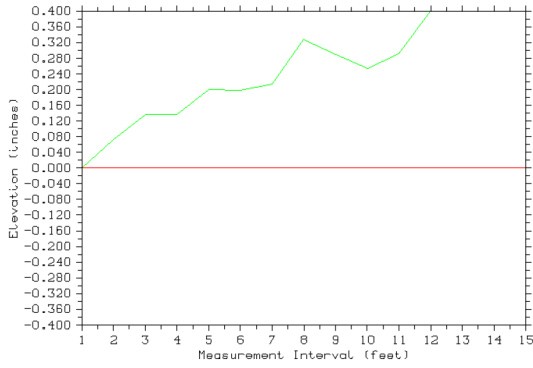


ASTM E1155 (2014) Run 16  
Floor Flatness 23.96 <31.67-16.25>  
Floor Levelness 36.91 <54.52-19.29>



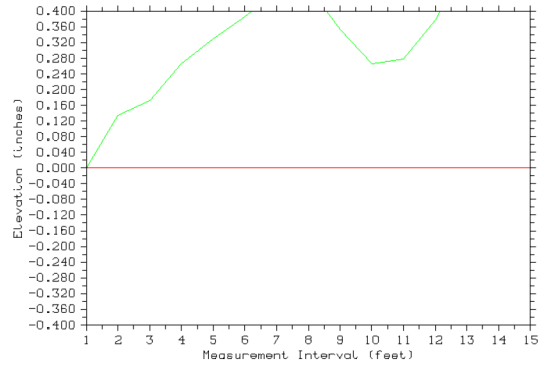
ASTM E1155 (2014) Run 17

Floor Flatness 20.04 <26.48-13.59>  
Floor Levelness 13.06 <19.30-6.83>



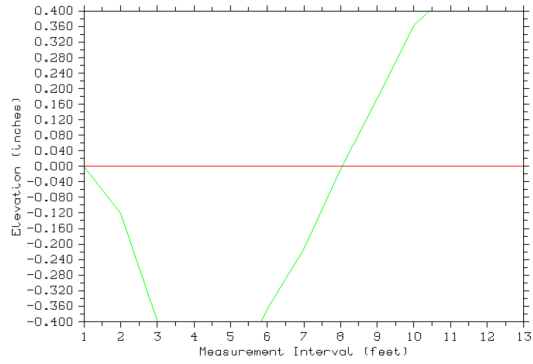
ASTM E1155 (2014) Run 18

Floor Flatness 23.07 <30.50-15.65>  
Floor Levelness 24.75 <36.56-12.94>



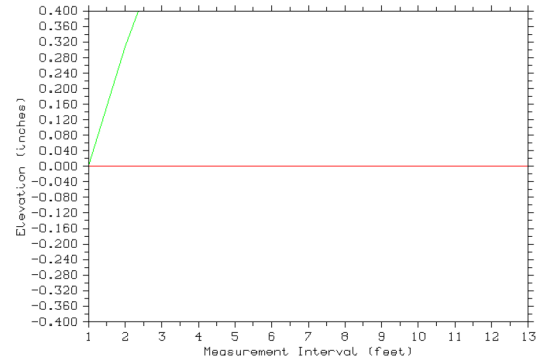
ASTM E1155 (2014) Run 19

Floor Flatness 9.50 <12.76-6.24>  
Floor Levelness 6.06 <9.46-2.66>



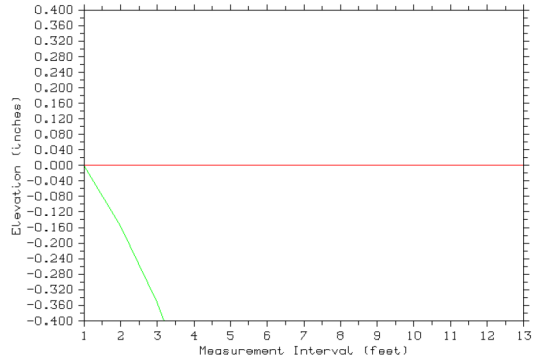
ASTM E1155 (2014) Run 20

Floor Flatness 35.44 <47.60-23.27>  
Floor Levelness 5.55 <8.66-2.44>



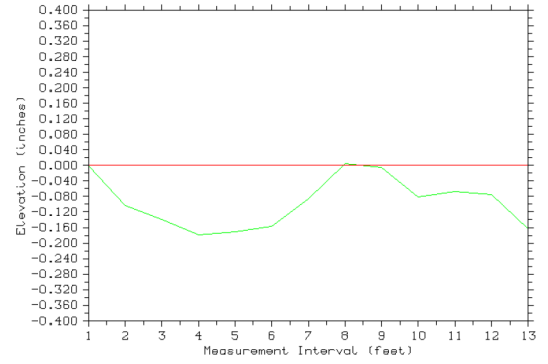
ASTM E1155 (2014) Run 21

Floor Flatness 17.20 <23.11-11.30>  
Floor Levelness 9.92 <15.49-4.36>



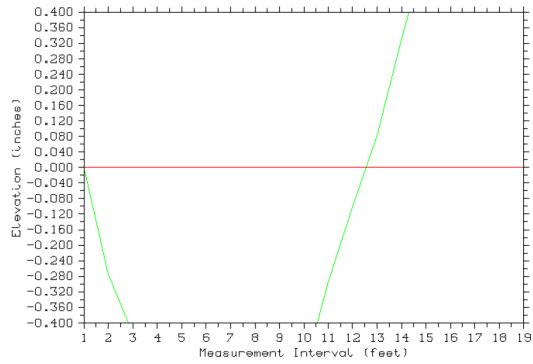
ASTM E1155 (2014) Run 22

Floor Flatness 23.95 <32.16-15.73>  
Floor Levelness 63.35 <96.91-27.82>



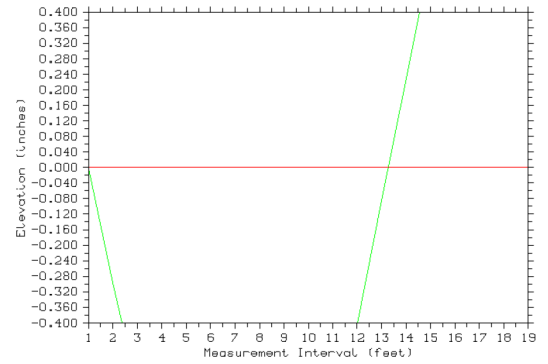
ASTM E1155 (2014) Run 23

Floor Flatness 20.89 <26.92-14.86>  
Floor Levelness 3.53 <4.89-2.17>



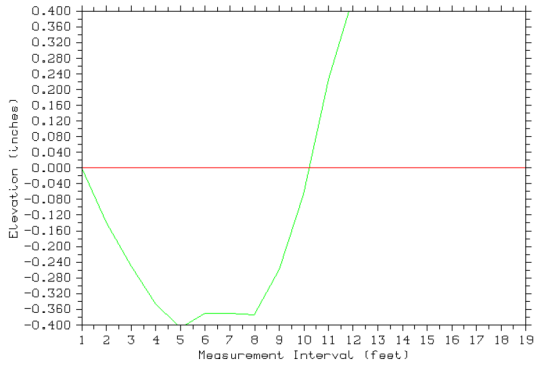
ASTM E1155 (2014) Run 24

Floor Flatness 15.12 <19.48-10.75>  
Floor Levelness 3.11 <4.30-1.91>



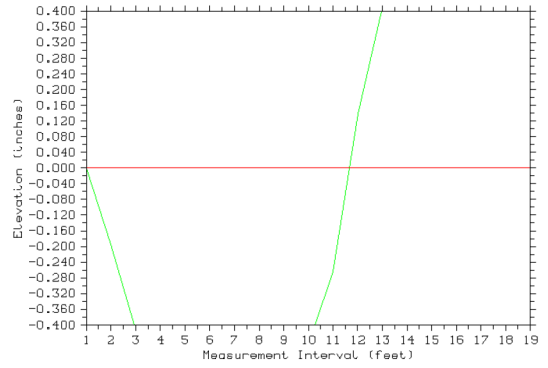
ASTM E1155 (2014) Run 25

Floor Flatness 20.73 <26.71-14.74>  
Floor Levelness 5.33 <7.38-3.28>



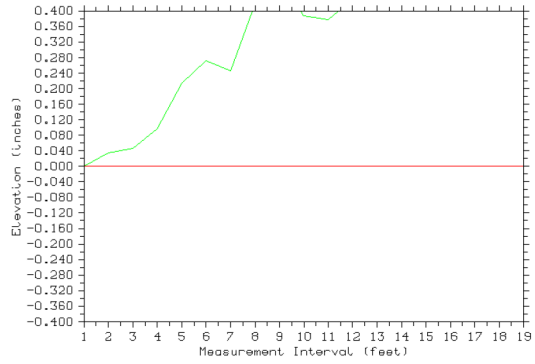
ASTM E1155 (2014) Run 26

Floor Flatness 13.81 <17.80-9.83>  
Floor Levelness 3.65 <5.05-2.24>



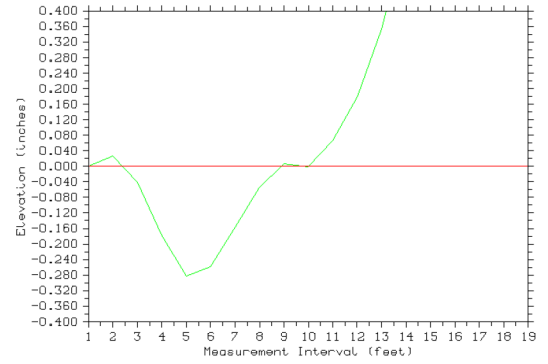
ASTM E1155 (2014) Run 27

Floor Flatness 15.45 <19.90-10.99>  
Floor Levelness 17.83 <24.69-10.96>



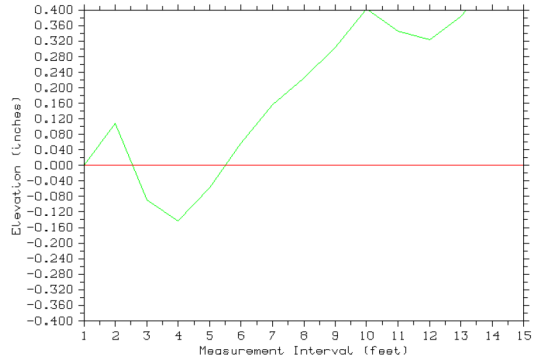
ASTM E1155 (2014) Run 28

Floor Flatness 19.60 <25.26-13.94>  
Floor Levelness 6.40 <8.87-3.94>



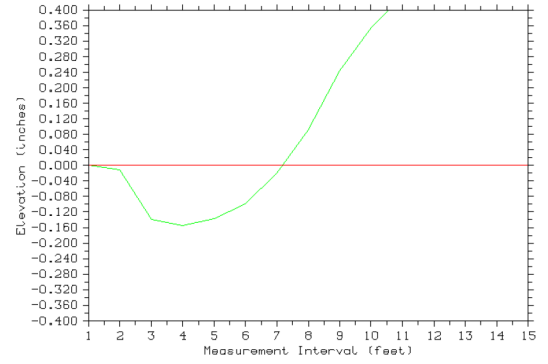
ASTM E1155 (2014) Run 29

Floor Flatness 12.85 <16.98-8.71>  
Floor Levelness 16.08 <23.75-8.41>



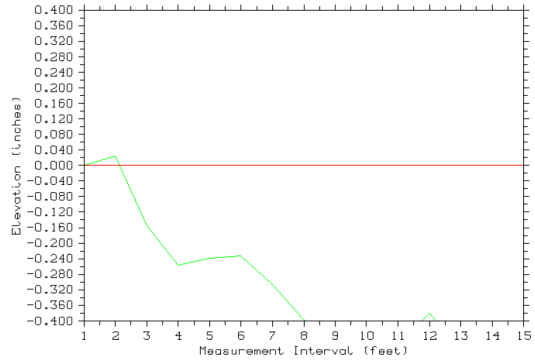
ASTM E1155 (2014) Run 30

Floor Flatness 24.39 <32.24-16.54>  
Floor Levelness 8.79 <12.98-4.59>



ASTM E1155 (2014) Run 31

Floor Flatness 15.75 <20.81-10.68>  
Floor Levelness 17.68 <26.11-9.24>



ASTM E1155 (2014) Run 32

Floor Flatness 22.14 <29.26-15.02>  
Floor Levelness 17.47 <25.81-9.13>

