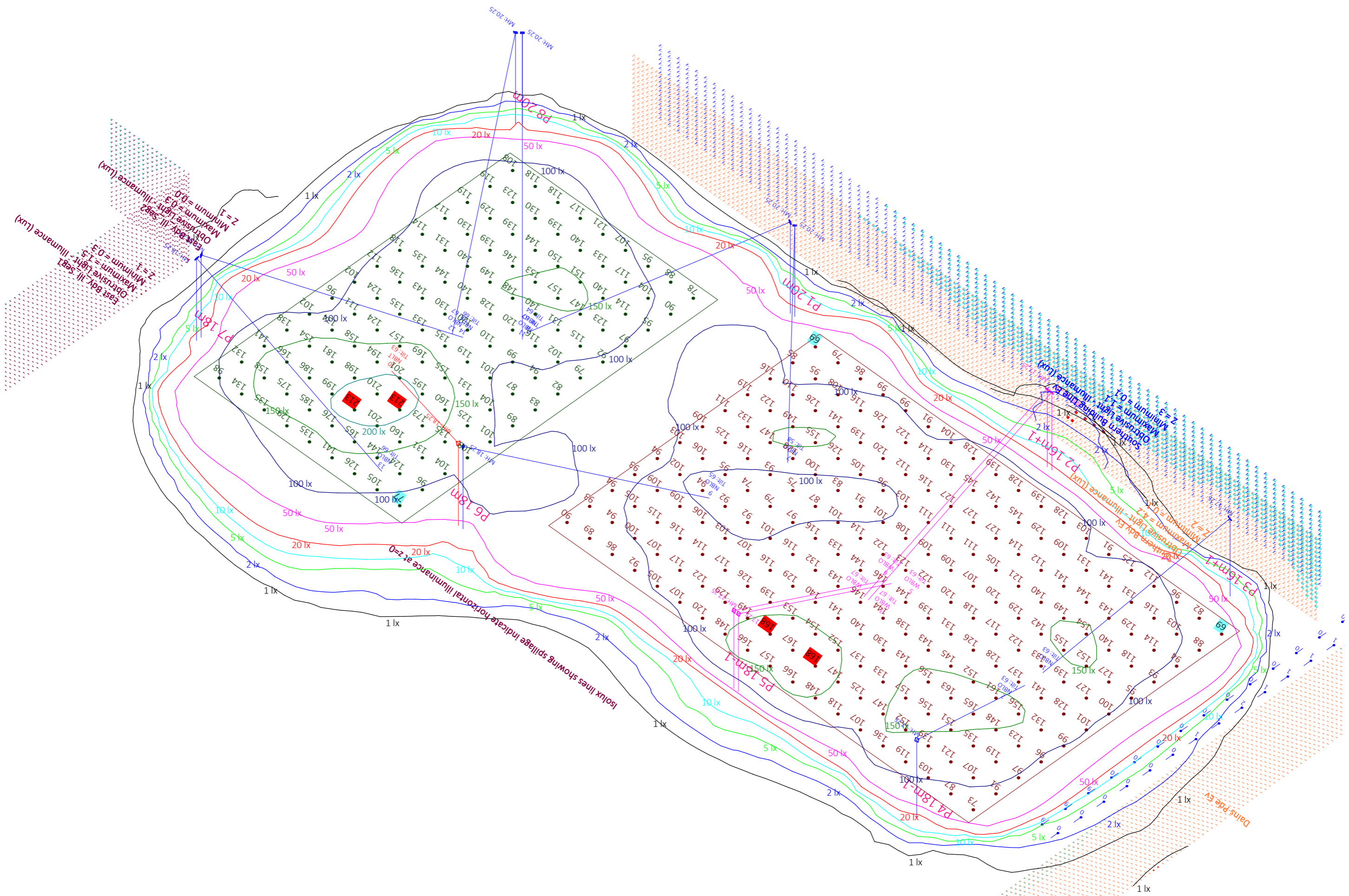


73	87	103	119	136	107	118	148	166	157	166	148	120	107	105	92	86	89	90
91	107	121	139	152	147	125	147	168	167	168	149	129	122	117	107	100	94	93
97	119	135	151	156	157	133	137	152	154	153	139	126	117	114	116	115	105	94
96	123	148	165	163	156	143	130	140	141	140	129	116	107	103	106	109	109	93
99	132	156	161	152	145	143	138	144	146	143	132	116	101	92	92	94	102	94
101	128	141	137	128	126	131	139	144	146	144	133	116	97	79	74	95	106	103
100	127	139	133	122	117	118	120	122	123	122	114	101	87	75	93	116	125	109
93	100	127	152	155	142	129	120	109	109	108	101	91	83	100	128	147	132	111
93	118	140	154	149	140	121	105	111	111	111	103	96	105	126	155	149	122	119
94	114	129	143	144	141	112	114	127	127	127	116	112	120	139	141	126	110	116
88	103	116	131	141	131	109	129	145	142	145	130	114	122	126	116	108	95	85
69	82	96	112	125	91	103	128	139	128	139	128	104	91	99	99	86	79	69

77	100	126	141	135	129	135	134	98
96	124	144	165	176	185	175	158	132
104	131	160	201	210	199	186	166	141
108	135	173	211	210	198	181	154	138
101	125	160	195	201	194	158	134	102
89	104	131	155	169	157	124	111	96
83	87	101	119	135	133	135	124	102
82	94	99	110	120	130	143	136	112
79	102	116	120	128	140	144	135	118
92	115	131	140	148	149	140	131	114
97	123	147	157	153	146	139	130	117
95	114	140	151	150	144	139	129	119
90	104	117	133	140	139	130	123	119
78	88	95	107	121	117	118	118	108



Obtrusive Light - Compliance Report

AS 4282-1997, Pre-Curfew, Residential - Dark Surrounds
 Filename: 16089-05-D Tristram Reserve LED - 8 Poles
 20/02/2018 9:57:20 AM

Illuminance

Maximum Allowable Value: 10 Lux

Calculations Tested (5):

Calculation Label	Test Results	Max. Illum.
Dains Pde III_Seg1	PASS	1.4
East Bdy_III_Seg1	PASS	1.5
East Bdy_III_Seg2	PASS	0.2
Southern Bdy_III_Seg1	PASS	4.2
Southern Building Line_III_Seg1	PASS	1.1

Luminous Intensity (Cd) Per Luminaire

Maximum Allowable Value: 7500 Cd

Control Angle: 83 Degrees

Luminaire Locations Tested (14)

Test Results: **PASS**

All Luminaire Locations (14):

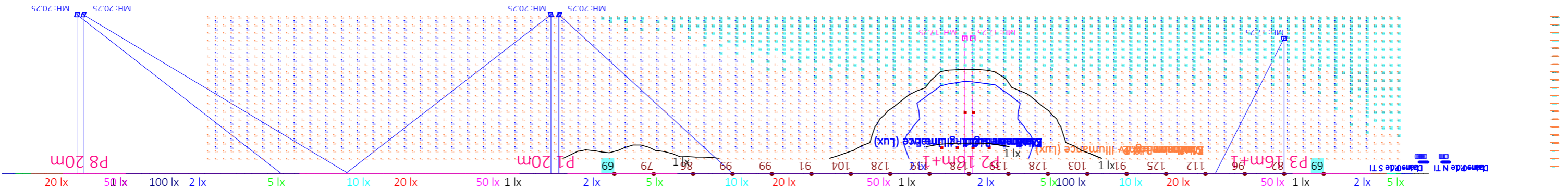
Lum.No.	Label	Cd	Tilt	Roll	Spin
7	BVP525_T30_50K_LED1930_757 NBLO	94	58	0	0
1	BVP525_T30_50K_LED1930_757 NBLO	185	63	0	0
2	BVP525_T30_50K_LED1930_757 NBLO	185	63	0	0
8	BVP525_T30_50K_LED1930_757 NBLO	279	64	0	0
9	BVP525_T30_50K_LED1930_757 NBLO	384	65	0	0
13	BVP525_T30_50K_LED1930_757 NBLO	496	66	0	0
14	BVP525_T30_50K_LED1930_757 NBLO	496	66	0	0
11	BVP525_T30_50K_LED1930_757 NBLO	623	67	0	0
12	BVP525_T30_50K_LED1930_757 NBLO	623	67	0	0
10	BVP525_T30_50K_LED1930_757 NBLT	4670	63	0	0
5	BVP525_T30_50K_LED1930_757 WBLO	686	63	0	0
6	BVP525_T30_50K_LED1930_757 WBLO	686	63	0	0
3	BVP525_T30_50K_LED1930_757 WBLO	1589	67	0	0
4	BVP525_T30_50K_LED1930_757 WBLO	1589	67	0	0

Threshold Increment (TI)

Maximum Allowable Value: 20 %

Calculations Tested (2):

Calculation Label	Adaptation Luminance	Test Results
Dains Pde N TI	0.1	PASS
Dains Pde S TI	0.1	PASS



Scale= 1: 500

Calculation Summary

Label	Avg	Min	Max	Min/Avg	Min/Max	PtSpcLr	PtSpcTb	Grid Z
Dains Pde N TI	N.A.	0	2	N.A.	N.A.	5	0	N.A.
Dains Pde S TI	N.A.	0	9	N.A.	N.A.	5	0	N.A.
Dains Pde_III_Seg1	N.A.	0.0	1.4	N.A.	N.A.	1	1	N.A.
East Bdy_III_Seg1	N.A.	0.3	1.5	N.A.	N.A.	1	1	N.A.
East Bdy_III_Seg2	N.A.	0.0	0.3	N.A.	N.A.	1	1	N.A.
Field 1	120.74	69	168	0.57	0.41	5	5	0
Field 2	132.33	77	213	0.58	0.36	5	5	0
Southern Bdy_III_Seg1	N.A.	0.1	4.2	N.A.	N.A.	1	1	N.A.
Southern Building Line_III_Seg	N.A.	0.1	1.1	N.A.	N.A.	2	1	N.A.

Luminaire Schedule

Symbol	Qty	Label	Description	LLF	Power
•	1	BVP525_T30_50K_LED1930_757 NBLT	Apex OptiVision LED Gen2 3-Module Asy Narrow Beam 757+LT	1.000	1301.52
•	9	BVP525_T30_50K_LED1930_757 NBLO	Apex OptiVision LED Gen2 3-Module Asy Narrow Beam 757+LO	1.000	1301.52
•	4	BVP525_T30_50K_LED1930_757 WBLO	Apex OptiVision LED Gen2 3-Module Asy Wide Beam 757+LO	1.000	1301.52

Luminaire Location Summary

LumNo	Label	X	Y	Z	Orient	Tilt
1	BVP525_T30_50K_LED1930_757 NBLO	-40	-34.4	17.25	75	63
2	BVP525_T30_50K_LED1930_757 NBLO	-40	35	17.25	285	63
3	BVP525_T30_50K_LED1930_757 WBLO	-0.5	-34.4	17.25	90	67
4	BVP525_T30_50K_LED1930_757 WBLO	0.5	-34.4	17.25	90	67
5	BVP525_T30_50K_LED1930_757 WBLO	-0.5	35	17.25	270	63
6	BVP525_T30_50K_LED1930_757 WBLO	0.5	35	17.25	270	63
7	BVP525_T30_50K_LED1930_757 NBLO	52	-30	20.25	133	58
8	BVP525_T30_50K_LED1930_757 NBLO	53	-30	20.25	51	64
9	BVP525_T30_50K_LED1930_757 NBLO	55.5	40	18.25	235	65
10	BVP525_T30_50K_LED1930_757 NBLT	56.5	40	18.25	332	63
11	BVP525_T30_50K_LED1930_757 NBLO	112.34	-30	20.25	135	67
12	BVP525_T30_50K_LED1930_757 NBLO	113.15	-29.29	20.25	123	67
13	BVP525_T30_50K_LED1930_757 NBLO	114.5	40	18.25	180	66
14	BVP525_T30_50K_LED1930_757 NBLO	114.5	39	18.25	225	66