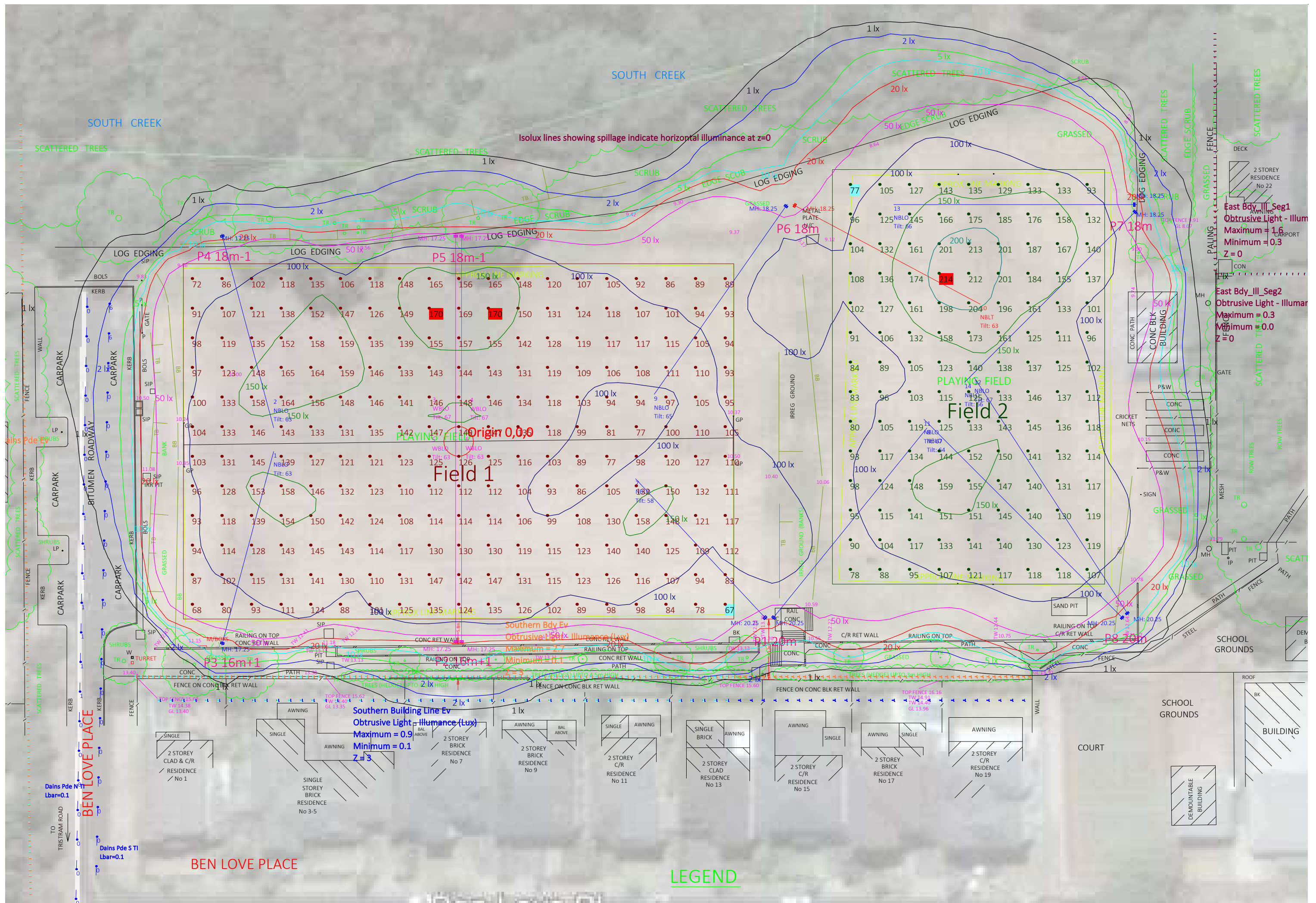
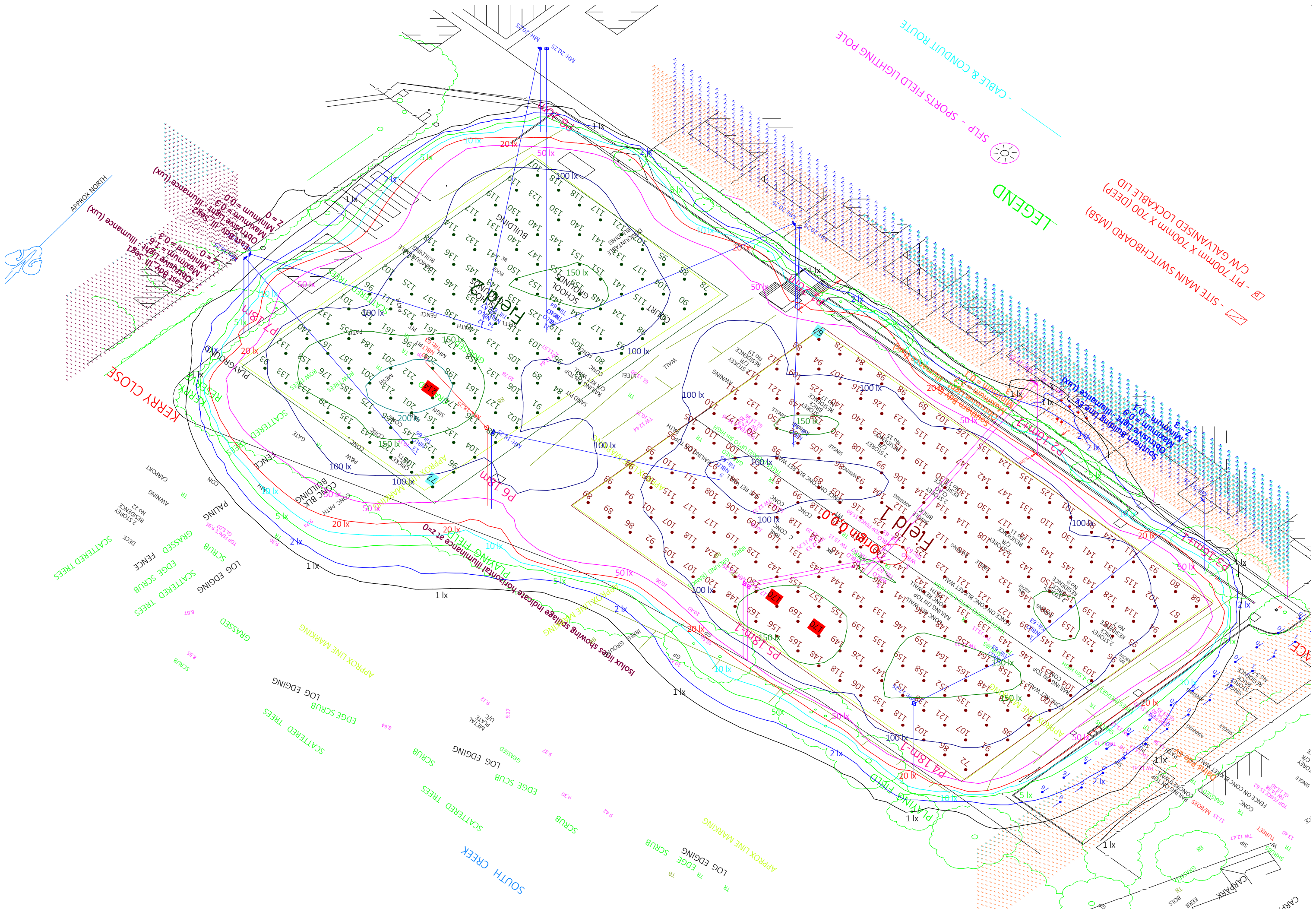






- LEGEND**
- ▣ - SITE MAIN SWITCHBOARD (MSB)
 - ▣ - PT 700mm x 700mm x 700 (DEEP)
 - ▣ - C/W GALVANISED LOCKABLE LID
 - ☉ - SFP - SPORTS FIELD LIGHTING POLE
 - - CABLE & CONDUIT ROUTE

KERRY CLOSE

SOUTH CREEK

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Field

Obtrusive Light - Compliance Report

AS 4282-1997, Pre-Curfew, Residential - Dark Surrounds
Filename: 16089-05-E Tristram Reserve LED - 8 Poles - new DWG
23/02/2018 1:18:30 PM

Illuminance

Maximum Allowable Value: 10 Lux

Calculations Tested (5):

Calculation Label	Test Results	Max. Illum.
Southern Building Line_III_Seg1	PASS	0.9
East Bdy_III_Seg1	PASS	1.5
East Bdy_III_Seg2	PASS	0.2
Dains Pde_III_Seg1	PASS	1.6
Southern Bdy_III_Seg1	PASS	2.7

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):

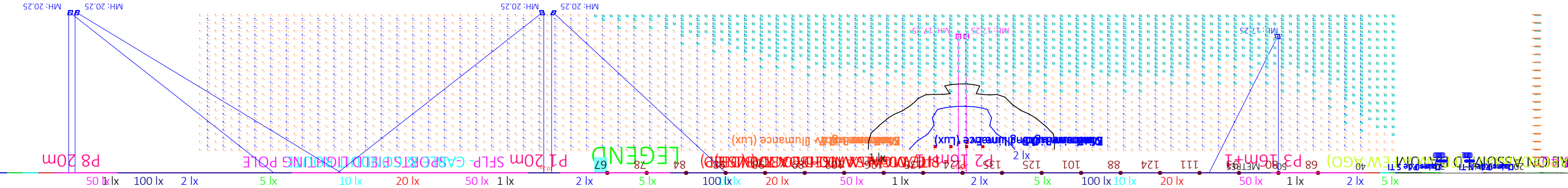
Lum.No.	Label	Cd	Tilt	Roll	Spin
7	BVP525_T30_50K_LED1930_757 NBLO	94	58	0	0
1	BVP525_T30_50K_LED1930_757 NBLO	185	63	0	0
2	BVP525_T30_50K_LED1930_757 NBLO	185	63	0	0
8	BVP525_T30_50K_LED1930_757 NBLO	279	64	0	0
9	BVP525_T30_50K_LED1930_757 NBLO	384	65	0	0
13	BVP525_T30_50K_LED1930_757 NBLO	496	66	0	0
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 Test 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	1	N.A.	N.A.	5	0	N.A
Dains Pde S TI	N.A.	0	6	N.A.	N.A.	5	0	N.A
Dains Pde_III_Seg1	N.A.	0.0	1.6	N.A.	N.A.	1	1	N.A
East Bdy_III_Seg1	N.A.	0.3	1.6	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	122.06	67	170	0.55	0.39	5	5	0
Field 2	133.51	77	214	0.58	0.36	5	5	0
Southern Bdy_III_Seg1	N.A.	0.1	2.7	N.A.	N.A.	1	1	N.A
Southern Building Line_III_Seg	N.A.	0.1	0.9	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	-34.1	17.25	90	67
4	BVP525_T30_50K_LED1930_757 WBLO	0.5	-34.1	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