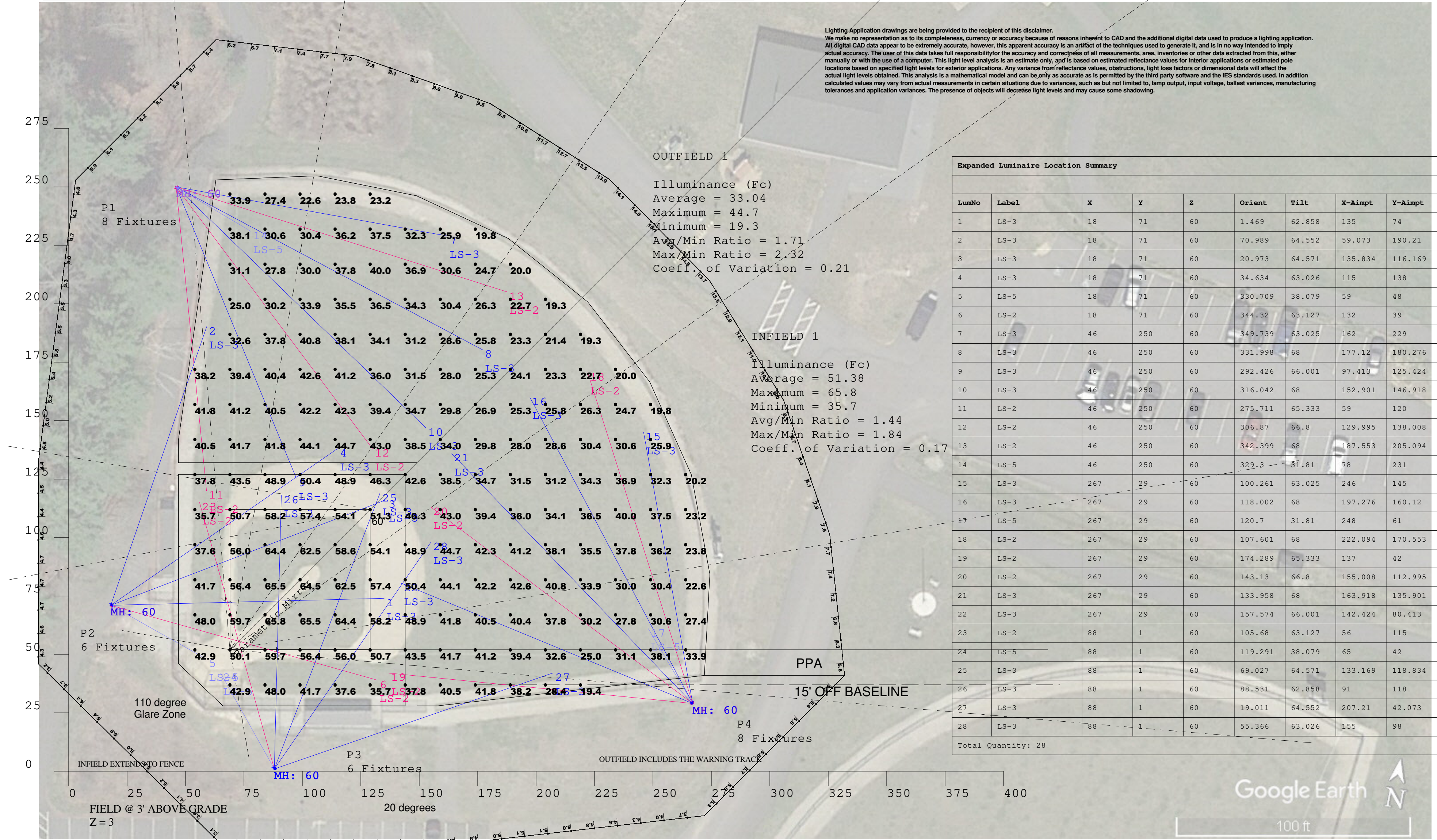


Luminaire Schedule								
Symbol	Qty	Label	Arrangement	Lum. Lumens	LLF	Description	Lum. Watts	Total Watts
	8	LS-2	SINGLE	90985	0.950	EPH-08-0640L-57-70-2S-HEG	667	5336
	16	LS-3	SINGLE	89640	0.950	EPH-08-0640L-57-70-3S-HEG	681	10896
	4	LS-5	SINGLE	90904	0.950	EPH-08-0640L-57-70-5S-HEG	681	2724

Calculation Summary								
Project: Project_1								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z
FIELD @ 3' ABOVE GRADE	Illuminance	Fc	37.80	65.8	19.3	1.96	3.41	3
INFIELD 1	Illuminance	Fc	51.38	65.8	35.7	1.44	1.84	
OUTFIELD 1	Illuminance	Fc	33.04	44.7	19.3	1.71	2.32	



Scale: 1 inch= 30 Ft.

SOFTBALL IES RP-6-15

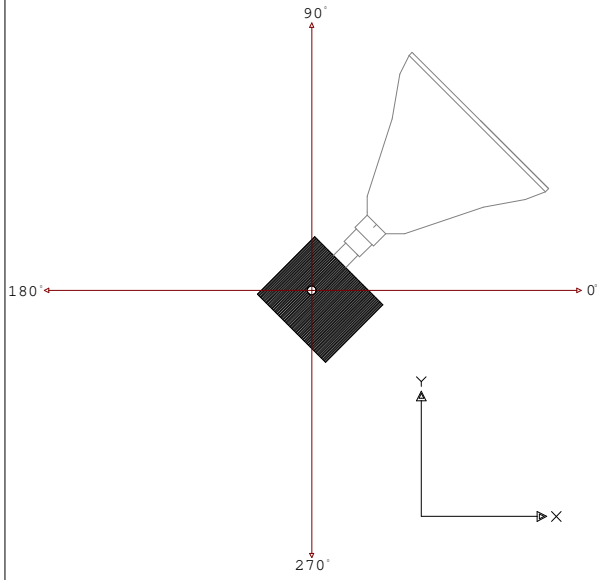
*DEFINED INFIELD AREA IS EXTENDED TO INCLUDE THE SPACE FROM THE BASELINE TO THE FENCE

MINIMUM POLE HEIGHTS*
(RULE OF THUMB)

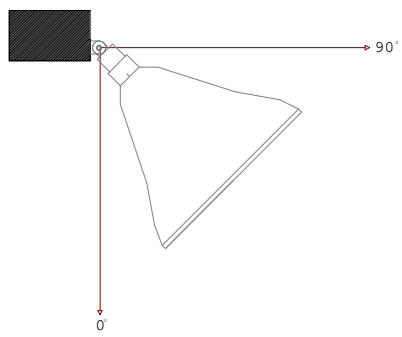
A POLES - BASELINE(60') + SETBACK/2
B POLES - DISTANCE STRAIGHT TO DIAGONAL/3
C POLES - LONGEST AIMING VECTOR/2

*THE MINIMUM RECOMMENDED MOUNTING HEIGHT FOR REGULATION BASEBALL IS NO LESS THAN 70'

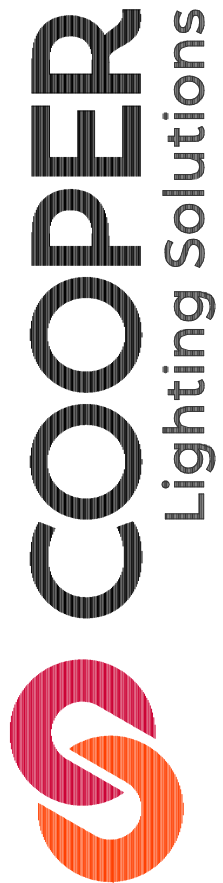
PPA - IF YOU HAVE AN EXTENDED INFIELD OR SIDELINE THE PPA AVERAGE SHOULD BE SIMILAR TO THE OUTFIELD



ORIENTATION OF FLOOD



TILT OF FLOOD



SPORTS LIGHTING

Client:

Ed Columbo
Reflex Lighting Group

Project Name:

EPH
Forge Park
Fields

Project #:

2101485r2 2.AGI

Date:

1/21/2022

Scale:

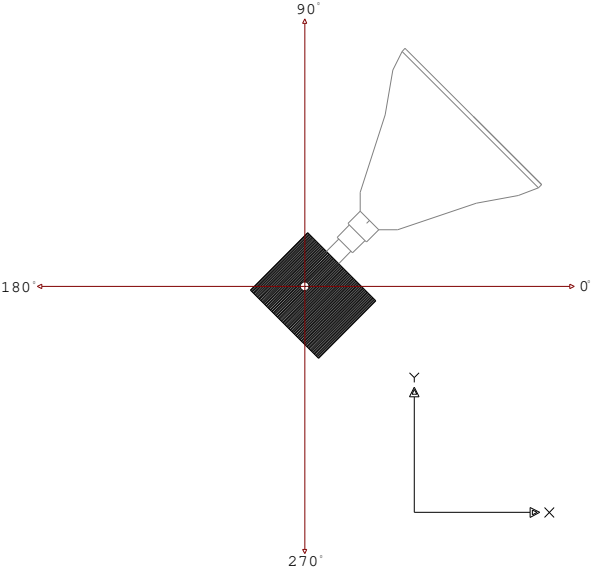
1" = 30'

Drawing by:

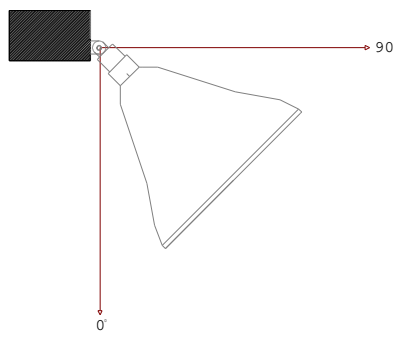
JR

Calculation Summary								
Project: Glare Calcs								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z
ObtrusiveLight_1_Cd_Seg1	Obtrusive - Cd	N.A.	154355	167030	126039	1.22	1.33	N.A.
ObtrusiveLight_1_Cd_Seg10	Obtrusive - Cd	N.A.	207930	241352	190748	1.09	1.27	N.A.
ObtrusiveLight_1_Cd_Seg11	Obtrusive - Cd	N.A.	171062	188986	147107	1.16	1.28	N.A.
ObtrusiveLight_1_Cd_Seg12	Obtrusive - Cd	N.A.	164477	174008	145227	1.13	1.20	N.A.
ObtrusiveLight_1_Cd_Seg13	Obtrusive - Cd	N.A.	154939	164328	138451	1.12	1.19	N.A.
ObtrusiveLight_1_Cd_Seg14	Obtrusive - Cd	N.A.	153140	168751	133937	1.14	1.26	N.A.
ObtrusiveLight_1_Cd_Seg2	Obtrusive - Cd	N.A.	151065	167214	126829	1.19	1.32	N.A.
ObtrusiveLight_1_Cd_Seg3	Obtrusive - Cd	N.A.	151690	160626	134808	1.13	1.19	N.A.
ObtrusiveLight_1_Cd_Seg4	Obtrusive - Cd	N.A.	163227	173221	146657	1.11	1.18	N.A.
ObtrusiveLight_1_Cd_Seg5	Obtrusive - Cd	N.A.	166223	186137	141303	1.18	1.32	N.A.
ObtrusiveLight_1_Cd_Seg6	Obtrusive - Cd	N.A.	203079	233052	190749	1.06	1.22	N.A.
ObtrusiveLight_1_Cd_Seg7	Obtrusive - Cd	N.A.	253919	263120	239081	1.06	1.10	N.A.
ObtrusiveLight_1_Cd_Seg8	Obtrusive - Cd	N.A.	194056	219955	173226	1.12	1.27	N.A.
ObtrusiveLight_1_Cd_Seg9	Obtrusive - Cd	N.A.	253276	263688	230538	1.10	1.14	N.A.
ObtrusiveLight_1_Ill_Seg1	Obtrusive - Ill	Fc	4.58	6.0	3.1	1.48	1.94	N.A.
ObtrusiveLight_1_Ill_Seg10	Obtrusive - Ill	Fc	8.55	9.5	7.8	1.10	1.22	N.A.
ObtrusiveLight_1_Ill_Seg11	Obtrusive - Ill	Fc	7.17	7.9	6.2	1.16	1.27	N.A.
ObtrusiveLight_1_Ill_Seg12	Obtrusive - Ill	Fc	5.94	6.2	5.4	1.10	1.15	N.A.
ObtrusiveLight_1_Ill_Seg13	Obtrusive - Ill	Fc	5.02	5.5	4.0	1.26	1.38	N.A.
ObtrusiveLight_1_Ill_Seg14	Obtrusive - Ill	Fc	4.54	4.7	4.3	1.06	1.09	N.A.
ObtrusiveLight_1_Ill_Seg2	Obtrusive - Ill	Fc	4.39	4.5	4.2	1.05	1.07	N.A.
ObtrusiveLight_1_Ill_Seg3	Obtrusive - Ill	Fc	4.64	5.1	3.7	1.25	1.38	N.A.
ObtrusiveLight_1_Ill_Seg4	Obtrusive - Ill	Fc	5.54	5.8	5.2	1.07	1.12	N.A.
ObtrusiveLight_1_Ill_Seg5	Obtrusive - Ill	Fc	6.87	7.7	5.8	1.18	1.33	N.A.
ObtrusiveLight_1_Ill_Seg6	Obtrusive - Ill	Fc	8.30	9.1	7.6	1.09	1.20	N.A.
ObtrusiveLight_1_Ill_Seg7	Obtrusive - Ill	Fc	11.42	13.5	9.0	1.27	1.50	N.A.
ObtrusiveLight_1_Ill_Seg8	Obtrusive - Ill	Fc	14.53	15.1	13.7	1.06	1.10	N.A.
ObtrusiveLight_1_Ill_Seg9	Obtrusive - Ill	Fc	11.98	13.9	9.5	1.26	1.46	N.A.

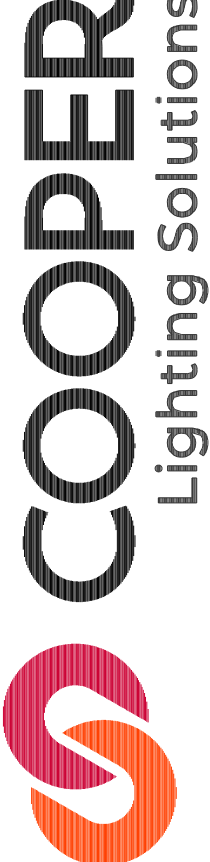
Not to Scale



ORIENTATION OF FLOOD



TILT OF FLOOD



COOPER
Lighting Solutions

SPORTS LIGHTING

Client:

Ed Columbo
Reflex Lighting Group

Project Name:

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Project #:

2101485r2 2.AGI

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1" = 30'

Drawing by:

JR