



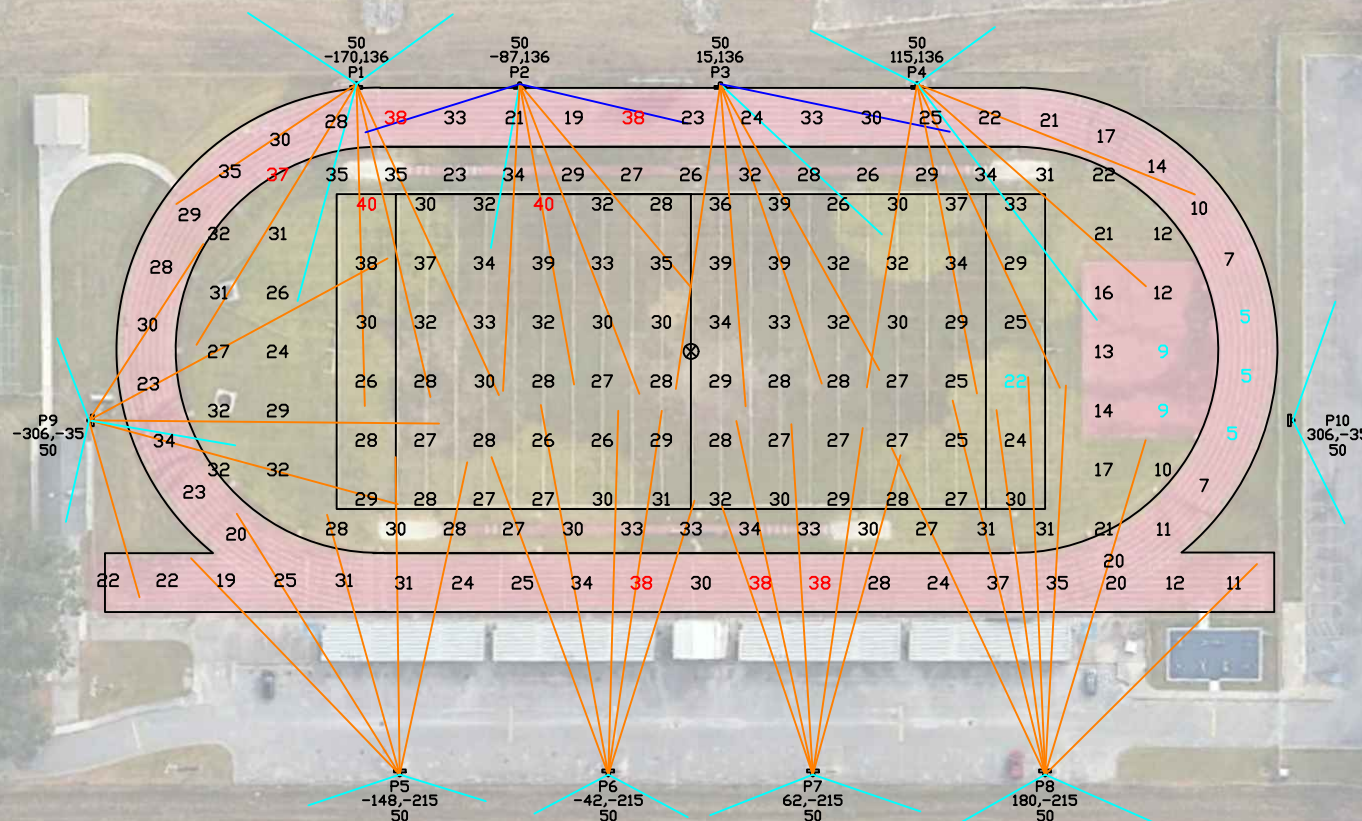
POLES HEIGHTS TO BE VERIFIED – 1 TO 1 FIXTURE COUNT

POLES P1,P4,P5-P10 2 SECURITY FIXTURES EACH

POLE P10 HAS EXISTING FIXTURES

ALL POLES EXISTING

Pole	x-loc	y-loc	height	M-20	W-40	EW-60	Total	kw
P1	-170	136	50ft	5		3	6-2	7.7
P10	306	-35	50ft			2	2	1.9
P2	-87	136	50ft	4	2	1	7	6.8
P3	15	136	50ft	4	1	1	6	5.8
P4	115	136	50ft	5		3	6-2	7.7
P5	-148	-215	50ft	5		2	5-2	6.8
P6	-42	-215	50ft	5		2	5-2	6.8
P7	62	-215	50ft	5		2	5-2	6.8
P8	180	-215	50ft	7		2	7-2	8.7
P9	-306	-35	50ft	5		3	6-2	7.7
Total				45	3	21	69	66.7



W-40
GeoSport Stadium 1000W
Light Loss Factor = 0.950
Watts per luminaire = 976
Number luminaires used = 3
kw these luminaires = 2.9

EW-60
GeoSport Stadium 1000W
Light Loss Factor = 0.950
Watts per luminaire = 970
Number luminaires used = 21
kw these luminaires = 20.4

M-20
GeoSport Stadium 1000W
Light Loss Factor = 0.950
Watts per luminaire = 965
Number luminaires used = 45
kw these luminaires = 43.4

Track
52 points
HORIZONTAL FOOTCANDLES
Average 24
Maximum 38
Minimum 5
Avg:Min 4.82
Max:Min 7.60
Coef Var 0.39

360' x 160' Football
72 points at z=3, sp 30ft by 30ft
HORIZONTAL FOOTCANDLES

Average 30
Maximum 40
Minimum 22
Avg:Min 1.38
Max:Min 1.82
Coef Var 0.14
UnifGrad 1.50

Field Events
49 points at z=3, sp 30ft by 30ft
HORIZONTAL FOOTCANDLES

Average 26
Maximum 37
Minimum 9
Avg:Min 2.93
Max:Min 4.11
Coef Var 0.29
UnifGrad 1.75



JOHNNY JACOBS PLAYGROUND, MARRERO, LA, D2

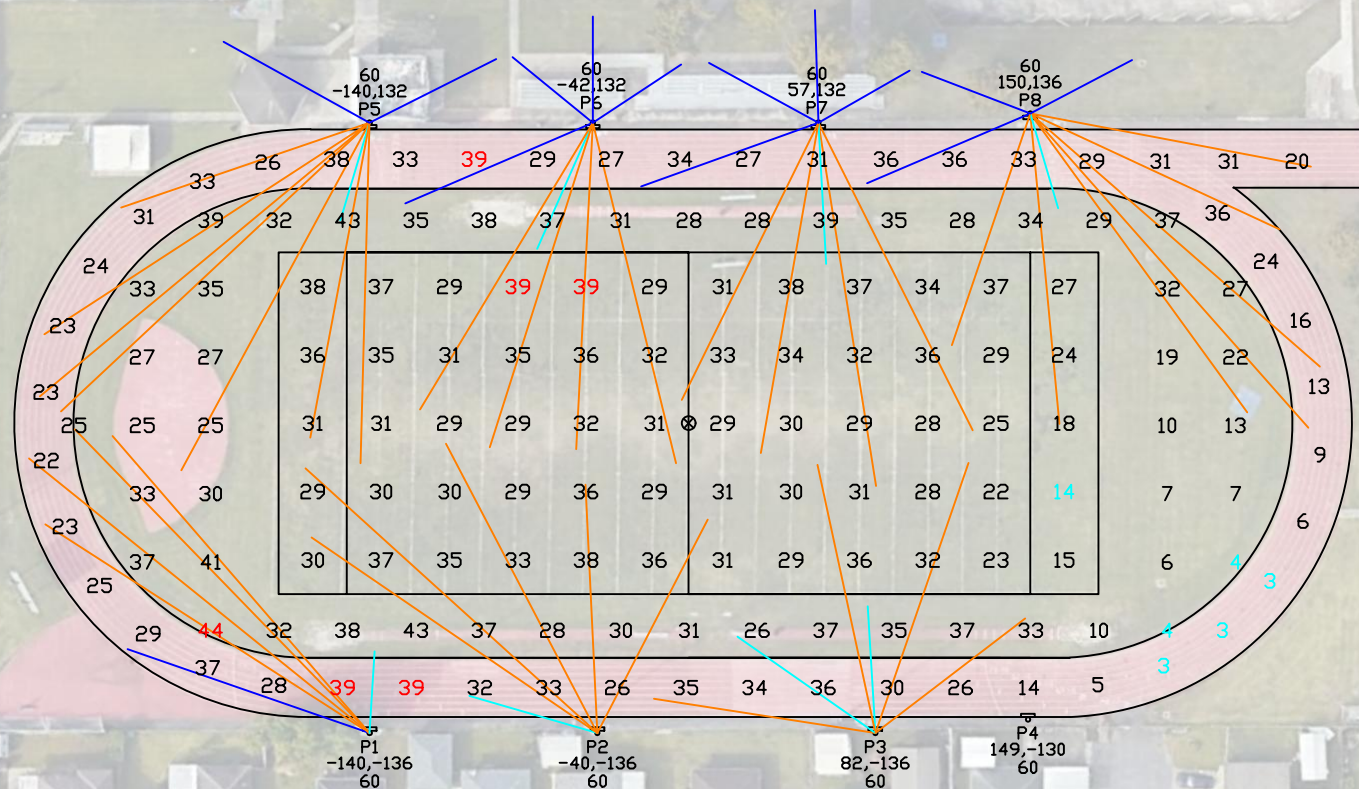
Revision 2 09/10/24 Drawing 1 of 1 877-663-5968
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POLES HEIGHTS TO BE VERIFIED
 POLE P5 2 LESS FIXTURES
 POLE P8 1 LESS FIXTURE
 POLES P5,P8 -2 SECURITY FIXTURES EACH
 POLES P6,P7 -3 SECURITY FIXTURES EACH
 POLE P4 HAS EXISTING FIXTURES

Pole	x-loc	y-loc	height	M-20	W-40	EW-60	Total	kw
P1	-140	-136	60ft	4	1	1	6	5.8
P2	-40	-136	60ft	5		1	6	5.8
P3	82	-136	60ft	4		2	6	5.8
P4	149	-130	60ft					
P5	-140	132	60ft	7	2	1	8-2	9.7
P6	-42	132	60ft	4	4	1	6-3	8.7
P7	57	132	60ft	4	4	1	6-3	8.7
P8	150	136	60ft	7	3	1	9-2	10.7
Total				35	14	8	57	55.2

ALL POLES EXISTING



W-40
 GeoSport Stadium 1000W
 Light Loss Factor = 0.950
 Watts per luminaire = 976
 Number luminaires used = 14
 kw these luminaires = 13.7

EW-60
 GeoSport Stadium 1000W
 Light Loss Factor = 0.950
 Watts per luminaire = 970
 Number luminaires used = 8
 kw these luminaires = 7.8

M-20
 GeoSport Stadium 1000W
 Light Loss Factor = 0.950
 Watts per luminaire = 965
 Number luminaires used = 35
 kw these luminaires = 33.8

Track
 48 points
 HORIZONTAL FOOTCANDLES
 Average 26
 Maximum 39
 Minimum 3
 Avg:Min 8.75
 Max:Min 13.00
 Coef Var 0.39

360' x 150' Football
 60 points at z=3, sp 30ft by 30ft
 HORIZONTAL FOOTCANDLES
 Average 31
 Maximum 39
 Minimum 14
 Avg:Min 2.22
 Max:Min 2.79
 Coef Var 0.17
 UnifGrad 1.57

Field Events
 51 points at z=3, sp 30ft by 30ft
 HORIZONTAL FOOTCANDLES
 Average 29
 Maximum 44
 Minimum 4
 Avg:Min 7.17
 Max:Min 11.00
 Coef Var 0.37
 UnifGrad 3.30



KING GRANT PLAYGROUND, HARVEY, LA, D2

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STADIUM 1000W

SYSTEM SPECIFICATIONS

High Performance Sports Lighting System

System Watts: 1,000w

Housing Material: Aluminum, Powder Coated

L70 Hours: >90,000 hours

Lumen Output: 120,000

CCT: 5700K

CRI: >90Ra

Input Voltage: 200-480v

Power Factor: 0.95

THD: <15%

Input Protection: 10KV Current Surge

Driver: Integral / Remote

Operating Temp Range: -40 °C to +55 °

IP Rating: IP66

Weight of Fixture: 43lbs

EPA: 2.5

