

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	F1-F4	18.0m	-	18.0m	1500W MH	6	6	0
4	TOTALS					24	24	0



PROJECT
 Name: Lighting Of Police Hockey Pitch
 Location: Darrasa, Cairo, Egypt

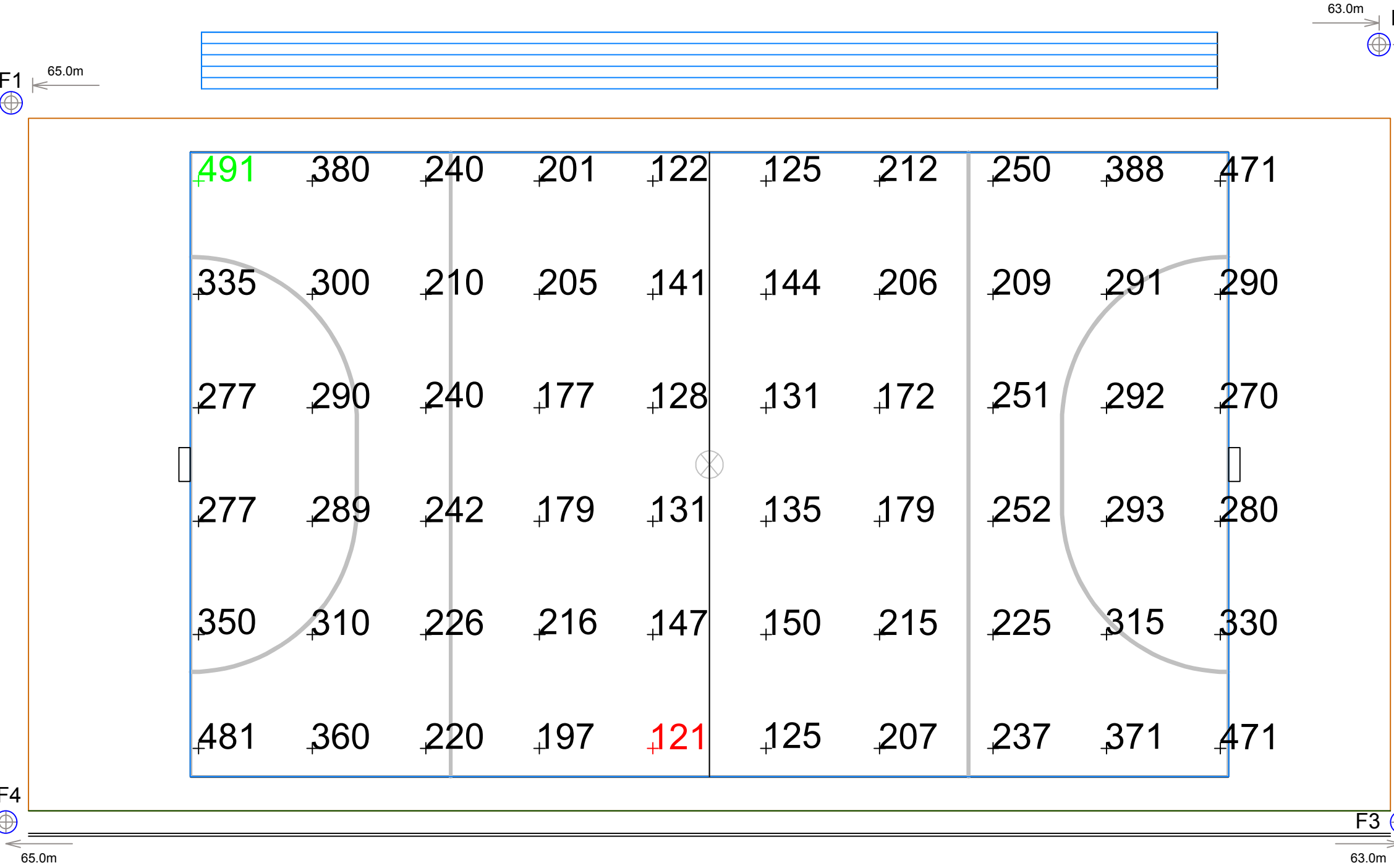
GRID SUMMARY
 Name: Field Hockey Pitch
 Size: 91.4m x 55.0m
 Spacing: 10.0m x 10.0m
 Height: 1.0m above grade

CONSTANT ILLUMINATION

SUMMARY		HORIZONTAL LUX
	En re Grid	
Scan Average:	250	
Maximum:	473	
Minimum:	123	
Min / Avg:	0.49	
Min / Max:	0.26	
UG (adjacent pts):	1.90	
No. of Points:	60	

LUMINAIRE INFORMATION

Luminaire Type: Green Generation
 Design Usage Hours: 5,000 hours
 Design Lumens: 134,000
 Avg Lamp Tilt Factor: 1.000
 No. of Luminaires: 24
 Avg KW: 37.54 (40.8 max)



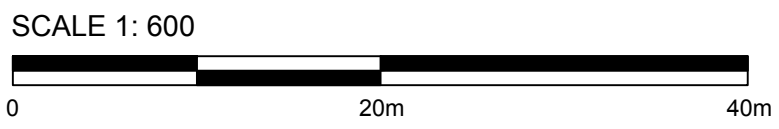
Guaranteed Performance: The CONSTANT ILLUMINATION described above is guaranteed for the design usage hours of the system.

Field Measurements: Illumination measured in accordance with IESNA RP-6-15 and CIBSE LG4. Individual values may vary. See the Warranty document for details.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "BADRY SLS Control System Summary" for electrical sizing.

Installation Requirements: Results assume +/- 5% nominal voltage at line side of the ballast and structures located within 2M of design locations.

ENGINEERED DESIGN
 By: Eng. Mohammed Khalil
 File # / Date: 19250BP_REV 0 (AB) 16-May-16



Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗