

Golden Gate Park Beach Chalet Field Light Discussion

November 3, 2016



Meeting Agenda

- Introductions
- Intent of Meeting
- Background on Field Light Design
- Current Field Use Information
- Public Comments Received
- Questions and Comments



Intent of Meeting

- During the project approval process at the BOS, Supervisor Mar requested that the Department host a meeting with different stakeholder groups and neighbors to discuss possible plans to adjust the light hours at the site and report back to the BOS with feedback recieved.

BOS Hearing July 10, 2012



Field Light Design Background

Initial field light design had lights on 80' tall poles. Poles were located around the field perimeter and the light quantity was at 50 foot candles (FC)

With feedback during the planning and design process, the design was modified to reduce the pole height to 60', bring the poles to the interior of field area and reduce the light quantity from 50 FC to 30 FC.

Selected a lighting supplier that specializes in field lighting, one that has demonstrated quality light distribution control, fixtures that are energy efficient and light fixtures that are shielded and provides light spill control. Also, the lighting system was selected because it provides an automated control system for operational flexibility.



Field Light Calculations

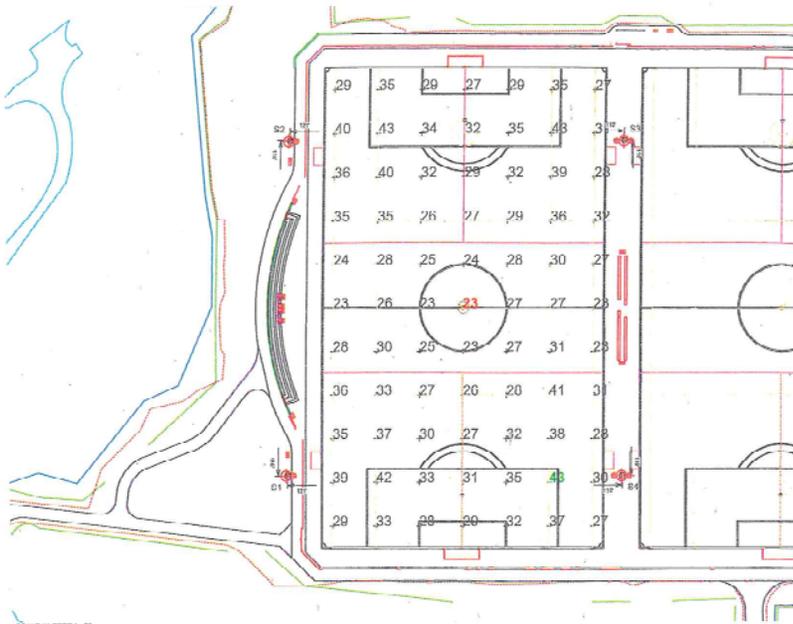
Sample Numbers from Field #1

Pre Readings

Average: 31
 Max: 43
 Min: 23

Post Readings

Average: 31.3
 Max: 44
 Min: 23



Pre-Construction Goals



Project Name: Beach Chalet Soccer
 Project Number: 138305
 Field Identification: Soccer 1

Technician: Bill Holland

41	42	39	40	34	30	27	39	42	44	38
37	44	44	40	33	28	26	30	40	44	39
28	34	32	31	30	24	25	26	30	33	29
24	29	26	26	23	23	23	23	27	31	24
25	26	26	23	24	25	24	24	30	32	24
30	37	33	30	26	25	31	30	37	41	31
27	35	35	32	23	23	26	36	34	41	29

Average:	31.3
Maximum:	44.0
Minimum:	23.0

Max/Min:	1.9
# Target Points:	77

Stan
CV:

Post-Construction Readings



Field Use Data

	2013	2014	2016
Jan - March	626	667	3151
April - June	1366	1010	4051
July-Sept	674	163	4937
Sept - Dec	547	0	2910
Total Hours	3213	1840	15049

Current Light Operation Hours

- Monday thru Thursday (Dusk to 10:10 PM – play ends at 10 PM)
- Friday & Saturday (Dusk to 10:00 PM)
- Sundays (Dusk to 8:00 PM)



Bird Monitoring

During the project approval process with the California Coastal Commission (CCC), the Department agreed to conduct an avian monitoring plan. In concert with the CCC and the Department's environmental biologists, we developed a monitoring program which includes the following:

- Pre construction survey (spring migration period April & May)
- Post construction survey (spring period)
- Post construction survey (fall period) - *currently in process*

The post construction surveys include nighttime survey and morning sweeps once a week for 5 week in the spring and 5 weeks in the fall.



Project Site Photos



Photo from EIR



Photo from neighbor that lives on Sutro Heights



Public Comments Received

- ❑ The Department has received (7) separate comment notifications expressing lighting concerns since the field opening through this meeting publication date.
- ❑ Since the meeting notice, staff has received (28) separate emails in support of the lights and program activities

Summary of Comments:

- Lights were on at 10PM on a rainy evening. Lights disturb neighbors
- And waste electricity if field isn't being used (x2)
- Are there timers for the lights? Concerned about energy use. (x2)
- Is the field use and lights being monitored?
- Lights are very bright.
- Looks like lights are pointed off the field.
- Lights on all night and every night.
- Adjust the position of the lights. They look like they are out of position and pointing up the hill (Sutro Heights).



Public Comments Received

Summary of Comments (continued):

- Since the lights are controlled off-site, turn them off when there's no open play or permitted use.
 - Turn lights off when stargazers are most likely to be out. Certain times a year there are unusual and interesting astronomical events.
 - Turn lights off earlier than 10 PM at least several nights per week.
 - Dim lights as much as possible.
 - Make sure lights are properly directed onto the fields.
 - Turn some of the lights off if all fields are not in use.
 - Use low energy bulbs to minimize glare, save money and conserve energy.
 - Shield the lights as much as possible.
 - Meet with Audubon Society to understand impact of lights on birds and better understand when they should not be on.
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- Support the lights, more positive activity, more field time, safer space, great play time with family and friends, great amenities other than fields, etc.



Public Comment Period



Next Steps

- All public comments will be noted at this meeting.
- Staff will review all comments and prepare a meeting summary memorandum with recommendations.
- Final recommendations will be distributed to Supervisor Mar's Office, meeting attendees and posted on the Department's website.



THANK YOU!

