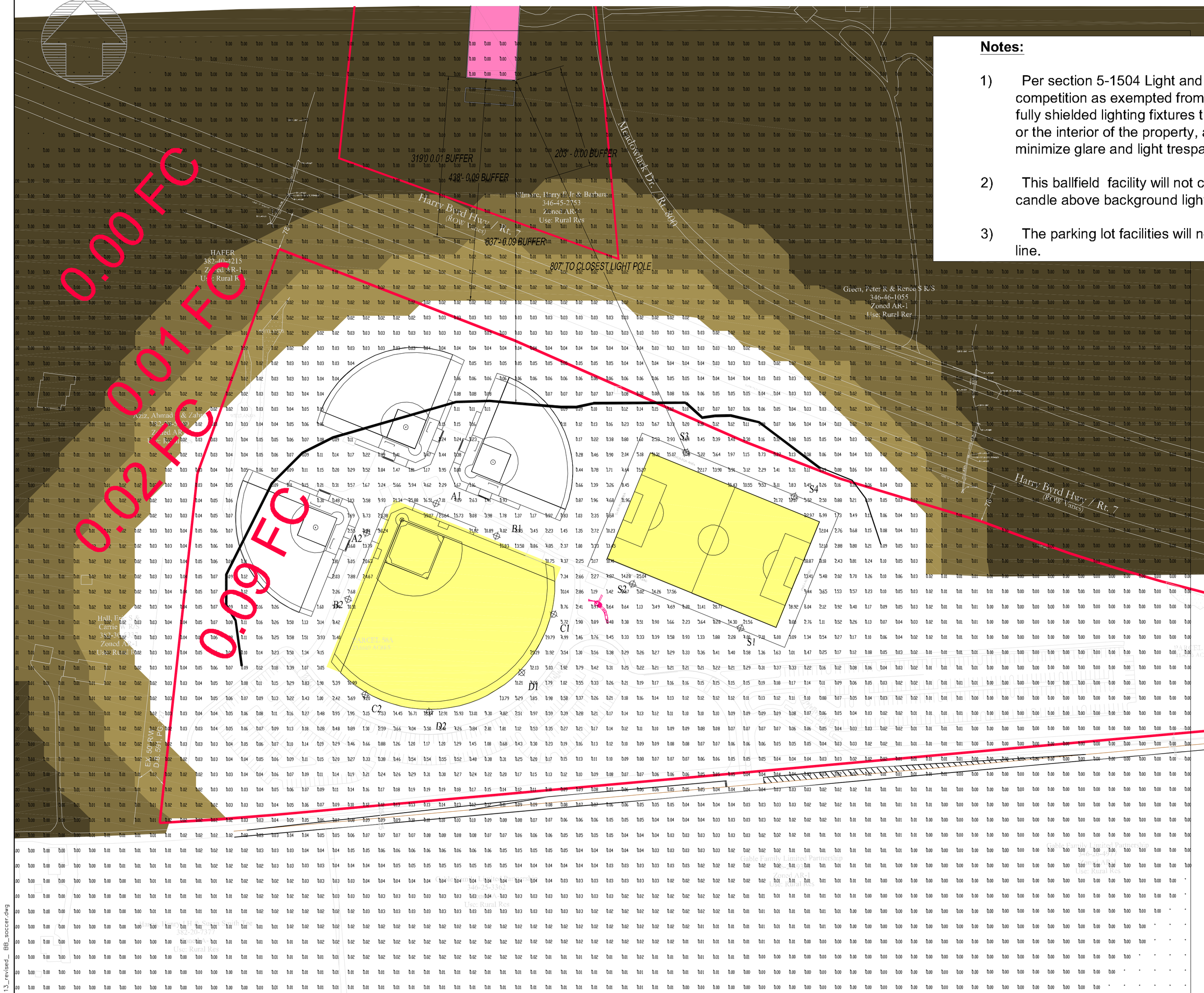


## ILLUMINATION SUMMARY

Large BB - Soccer Blanket

| | |
|---|---|
| Avg KW over 5,000 hours: | 112.61 |
| Max KW: | 122.4 |

Guaranteed Performance: The CONSTANT ILLUMINATION described above is guaranteed for the rated life of the lamp.

Field Measurements: Averages shall be +/-10% in accordance with IESNA RP-6-01 and CIBSE LG4. Individual measurements may vary from computer predictions.

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

Installation Requirements: Results assume +/- 3% nominal voltage at line side of the ballast and structures located within 3 feet (1m) of design locations.

**Notes:**

1) Per section 5-1504 Light and Glare Standards "Publicly owned facilities utilized for athletic competition as exempted from the general requirements of this section shall use cutoff and fully shielded lighting fixtures that 1) are aimed downward and inward toward the athletic field or the interior of the property, and 2) are shielded in directions away from the athletic field to minimize glare and light trespass onto adjacent properties.

2) This ballfield facility will not cause illumination in excess of .75 (three quarters) of a foot candle above background light levels measured at the lot lines of adjacent lots.

3) The parking lot facilities will not exceed the .25 allowable foot candle at the adjacent property line.

| NO. | DESCRIPTION | DATE | CHKD |
|---|---|---|---|
| 1. | First Referral Comments | 08/05/09 | MWT |
| 2. | Second Referral Comments | 09/28/09 | MWT |

REVISION

Loudoun County Virginia — Home of Lee — 1757

PROJECT
# Scott Jenkins Memorial Park
## Special Exception Plat

CATOCTIN ELECTION DISTRICT
LOUDOUN COUNTY, VIRGINIA

TITLE
## Large Baseball Field with Rectangular Field Photometric Plan


Patton Harris Rust & Associates
Engineers. Surveyors. Planners. Landscape Architects.
PHR+A
208 Church Street SE
Leesburg, VA 20175
T 703.777.3616
F 703.777.3725


| | | | |
|---|---|---|---|
| DESIGN | TEAM | SURVEY | PHR&A |
| DRAWN | TEAM | DATE | February 2009 |
| CHECKED | MWT | SCALE | 1" = 100' |
| SHEET | 4 OF 5 | FILE NO. | 13608-2-0 |


Date: Dec 09, 2009, 4:05pm User ID: thomas
File: P:\Project\13608\2-0\Planning\Plans\10-13_revised_ BB_soccer.dwg