



July 18, 2017

Ms. Emily M. Barron, AICP
Planning Director
City of Pflugerville
201-B East Pecan St. Pflugerville, Texas 78660

Re: **1849 Park Sports Lighting Request**

Dear Ms. Barron, 

The City of Pflugerville Parks & Recreation Department is requesting approval for the athletic field lighting at the new 1849 Park in accordance with Subchapter 13 (Section 13.9 Athletic Field and Golf Driving Range Lighting) of the Unified Development Code. Each subsection of the Code is addressed below:

13.9.1 Fixtures/Luminaries

A. All fixtures and luminaries shall be constructed with die-cast aluminum housing, mounted on galvanized steel poles set on an engineered concrete base, and be maintained in good working condition in conformity with the provisions of this Code.

- Complies

13.9.1 Fixtures/Luminaries

B. Only full cutoff or shielded, directional fixtures shall be permitted. Lighting shall be oriented not to direct illumination or glare onto streets in a manner that may distract or interfere with the vision of drivers, cyclists, or pedestrians on such streets.

- 1. Shielded, directional fixtures refers to a technique or method of construction which causes all of the light emitted to be directed to the surface or area to be illuminated in such a way that the emanating source of light is not visible from any angle except those angles that exist between the fixture and the target to be illuminated. The emanating source shall not be visible from any adjacent properties or roadways to minimize light pollution.*
 - Complies
- 2. Lamp systems from 1000-1500 watts, or an equivalent, shall be permitted. Only incandescent, fluorescent, LED, metal halide or color corrected high-pressure sodium lamps may be used.*
 - Complies
- 3. Power lines to serve lights shall be placed underground. Where overhead utility service exists, transformers shall be pad mounted and screened.*
 - Complies

13.9.2 Fixture Height

A. The maximum height for any athletic field lighting fixtures shall be not more than 60 feet.

Requested variance for height: pole heights between 80 and 110 feet, with mounting heights between 25 feet and 110 feet. Increased heights allow for less glare and better ensure that light does not cross property lines.

B. Lighting fixtures shall not exceed 15 feet in height when located within 50 feet of any residential zoning district or land use.

- Complies. Closest pole is 110 feet from the nearest property line.

13.9.3 Lighting Period

A. The illumination of any athletic field or recreational facility, public or private, is allowed between sunrise and 10:00 p.m.

Request variance for operating hours: Extend end time to 11:00 pm

B. Athletic field lights require the installation of an on-site control switch to allow lights to be operated at the site, and to allow individual fields to be lighted separately and with the use of timers.

- Complies

13.9.4 Illumination Requirements

A. Where the predominant use is recreation and/or team practices, all athletic field lighting shall be designed so that the level of illumination, as measured in foot-candles (fc), at any point complies with the following table:

Type of Lighting	Illumination Level	
	Average	Maximum
Athletic Field Lighting	25.0	30.0

- Complies

B. The maximum illumination at any lot line adjacent to, or across the street from, any property with a residential zoning designation or use is 0.5 foot-candles.

- Complies

C. The maximum illumination at any property line adjacent to a street is 5.0 foot-candles.

- Complies

Please contact me should you need anything else for this request for approval.

Sincerely,



M. James Hemenes, PLA, ASLA
Parks & Recreation Director
City of Pflugerville