

From: John Wilkins [<mailto:John.Wilkins@GouldEvans.com>]

Sent: Thursday, December 05, 2013 11:39 AM

To: David L. Corliss; Ernie Shaw; Mark Hecker; Craig Penzler

Cc: Charles Soules

Subject: Re: CC Agenda Items for 12/10/13 - attachments for Lighting at Rock Chalk Park SUP-12-00225

Dave – If this additional information is helpful for the stadiums, please feel free to forward on.

I've attached the design criteria the ncaa recommends for sports venues. In concert with KU, the design for the stadium lighting was based on regional broadcast for each of the 3 venues. Additionally in our experience when working on stadiums in close proximity to residential, the taller the poles the better relative to focusing the light on the fields and avoiding spillage into the surrounding neighborhoods. At the Tulane Football Stadium we are working on, the neighbors originally wanted 60' poles, however through light modeling and the use of some outside experts, we were able to demonstrate and reach consensus with the neighbors that 100' and in some cases a couple of 120' poles actually were far more desirable for the neighbors.

Given the distance the stadiums are from the surrounding property lines, the heights that were designed for Rock Chalk Park are the appropriate height to balance the design criteria for the fields and avoid the glare to the surrounding neighbors.

John

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