

BRC Field and Court Orientation Guide

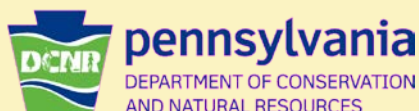
Background:

The orientations provided in this guide are intended to minimize the impact of sun on the participants in the activity.

This guide was developed/adapted from:

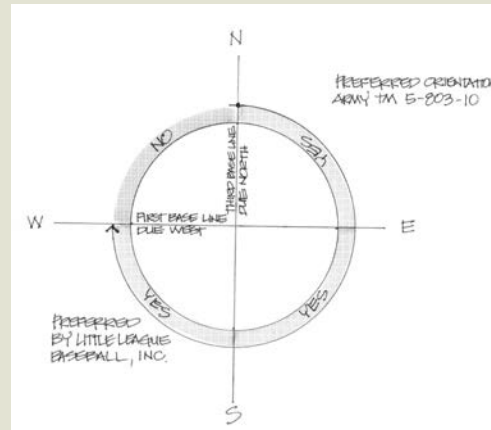
Outdoor Recreation Facilities Guide – A Guide for Illinois Communities
<http://dnr.state.il.us/ocd/idnroutdoorrecreationfacilitiesguide.pdf> and

Planning and Design of Outdoor Sports Facilities – Technical Manual No. 5-803-10 AIR Force Regulation AFR 88-33:
http://www.wbdg.org/ccb/ARMYCOE/COETM/tm_5_803_10.pdf.



Baseball and Softball Field Orientation:

- To minimize sun interference for the players, especially the batter and the pitcher, the field should be oriented so that the setting sun is generally at a right angle to the imaginary line between home plate, the pitching rubber, and second base (ie. S-SW to N-NE alignment or vice versa)



- Note: DCNR will not provide grant funding for fields that are oriented in a Northwest direction

Soccer Field Orientation:

- If soccer play occurs in spring, summer, and fall, orient the length of the soccer field along a north-south axis
- If soccer play primarily occurs in fall, orient the length of the soccer field along a northwest-southeast axis

Football Field Orientation:

- If the majority of play occurs in the fall, the length of the field should be oriented northwest-southeast
- If a significant amount of play occurs in the spring, the length of the field should be oriented north-south

Basketball Court Orientation:

- Orient the length of the full basketball court along a north-south axis
- The goal of a half basketball court should face north

Tennis Court Orientation:

- Orient the length of the tennis court along a north-south axis

Skate Park Orientation:

- Orient elements north-south to minimize sun interference