

## APPENDIX F

### National Recreation & Parks Association Recreation Facility Recommendations

Facility	Space Requirements	Size & Dimensions	Orientation	Units Per Population	Service Radius	Location Notes
<b>Basketball Courts</b> 1. Youth 2. High School 3. Collegiate	1. 2,400 - 3,036 s.f. 2. 5,040 - 7,280 s.f. 3. 5,600 - 7,980 s.f.	1. 46 - 50 X 84 feet 2. 50 X 84 feet 3. 50 X 94 feet, with 5 feet unobstructed on all sides.	Long axis north - south	1 per 5,000	1/4 - 1/2 mile	Usually in school or recreation center. Safe walking or biking access. Outdoor courts in neighborhood and community parks, plus active recreation areas in other park settings.
<b>Handball Court (3 - 4 wall)</b>	800 s.f. for 4-wall 1,000 s.f. for 3-wall	20 X 40 feet Minimum of 10 feet to rear of 3-wall court. Minimum 20 feet overhead clearance.	Long axis north - south. Front wall at north end.	1 per 20,000	15 - 30 minutes travel time	4-wall usually indoor as part of multi-purpose facility; 3-wall usually outdoor in park or school facility.
<b>Ice Hockey</b>	22,000 s.f. including support area	Rink - 85 X 200 feet (minimum 85 X 185 feet). Additional 5,000 s.f. support area.	Long axis north - south if outdoor	Indoor - 1 per 100,000 Outdoor - depends on climate	1/2 - 1 hour travel time	Climate is an important consideration affecting the number of facilities. Best as part of a multi-purpose facility.
<b>Tennis Courts</b>	Minimum of 7,200 s.f. single court (2 acres for complex)	36 X 78 feet with 12 foot clearance on both sides; 21 foot clearance on both ends.	Long axis north - south	1 per 2,000	1/4 - 1/2 mile	Best in groups of 2 - 4. Located in neighborhood or community park, or adjacent to school.
<b>Volleyball Courts</b>	Minimum of 4,200 s.f.	30 X 60 feet with minimum of 6 feet clearance on all sides.	Long axis north - south	1 per 5,000	1/4 - 1/2 mile	Same as other court activities (e.g. basketball).
<b>Baseball</b> 1. Official 2. Little League	1. 3.0 - 3.85 acres minimum 2. 1.2 acres minimum	1. Baselines - 90 feet Pitching distance - 60½ feet Foul lines - Minimum 320 feet Center field - 400 feet plus 2. Baselines - 60 feet Pitching distance - 46 feet Foul lines - 200 feet Center field - 200 to 250 feet	Locate home plate so the pitcher is throwing across the sun and the batter is not facing it. Line from home plate through pitcher's mound run east-northeast.	1. 1 per 5,000 2. Lighted 1 per 30,000	1/4 - 1/2 mile	Part of neighborhood complex. Lighted fields part of community complex.
<b>Football</b>	1.5 acres minimum	160 X 360 feet, with a minimum 6 feet of clearance on all sides.	Fall season - long axis northwest to southwest. For longer periods north - south.	1 per 20,000	15 - 30 minutes travel time	Usually part of baseball, football, soccer complex in community park or adjacent to high school.
<b>Soccer</b>	1.7 - 2.1 acres	195 to 225 feet X 330 to 360 feet with a minimum 10 feet of clearance on sides.	Fall season - long axis northwest to southwest. For longer periods north - south.	1 per 10,000	1 - 2 miles	Number of fields depends upon popularity. Youth soccer can be played on smaller fields adjacent to schools or neighborhood parks.

Facility	Space Requirements	Size & Dimensions	Orientation	Units Per Population	Service Radius	Location Notes
<b>¼-mile Running Track</b>	4.3 acres	Overall width - 27.6 feet Length - 600 feet Track width for 4 to 8 lanes is 32 feet	Long axis from north to south, or northwest to southwest, with finish line at northerly end.	1 per 20,000	15 - 30 minutes travel time	Usually part of high school, or in community park complex in combination with football, soccer, etc.
<b>Multiple Recreation Court (Basketball, volleyball, tennis)</b>	9,840 s.f.	120 X 80 feet	Long axis of courts is north - south.	1 per 10,000	1 - 2 miles	
<b>Golf</b> 1. Par 3 (18 hole) 2. 9-hole standard 3. 18-hole standard	1. 50 - 60 acres 2. Minimum 50 acres 3. Minimum 110 acres	Average Length 1. Varies from 600 - 2,700 yards 2. 2,250 yards 3. 6,500 yards	Majority of holes on north - south axis.	1. None 2. 1 per 25,000 3. 1 per 50,000	½ to 1 hour travel time	9 hole course can accommodate 350 people per day. 18 hole course can accommodate 550 to 550 people per day. Course may be located in community or regional park, but should not be over 20 miles from population center.
<b>Swimming Pools</b>	Varies on size of pool and amenities. Usually ½ to 2 acre site.	Teaching - Minimum of 25 X 45 yards, even depth of 3 to 4 feet. Competitive - Minimum of 25 X 16 meters. Minimum of 27 s.f. of water surface area per swimmer. Ratio of 2 : 1 deck vs water surface.	None - care must be taken in siting of lifeguard stations in relation to afternoon sun.	1 per 20,000 (pools should accommodate 3 to 5 percent of the total population at one time.	15 to 30 minutes travel time	Pools for general community use should be planned for teaching, competitive and recreational purposes with enough depth (3.4 meters) to accommodate 1 meter and 3 meter diving boards. Located in community park or school site.