

APPENDIX C
RECREATIONAL EQUIPMENT AND CRITERIA

TOWN OF LEESBURG DESIGN AND CONSTRUCTION STANDARDS

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**APPENDIX C
RECREATIONAL EQUIPMENT AND CRITERIA**

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APPENDIX C

RECREATIONAL EQUIPMENT AND CRITERIA

Tot Lots

1. When proposed, recreational facilities shall be designed in accordance with the standards of this Manual.
2. Tot lot design shall use the following criteria:
 - A. Tot lots shall be designed for children, ages one through six.
 - B. Equipment with broad metal surfaces, such as slides, shall be oriented to the north to avoid direct sun.
 - C. Equipment designed to accommodate the handicapped shall be considered.
 - D. The type, size, number and quality of equipment shall be shown and should contain a mix of some of the following types of equipment:
 - (1) Slides (platform height, maximum five feet).
 - (2) Tot swings (rubber tot seats or rubber strap seats).
 - (3) Balance beams (maximum height 16 inches).
 - (4) Spring animals and/or spring pads.
 - (5) Play structures (platform height, five to six feet).
 - (6) Horizontal bars (maximum height, five to six feet).
 - (7) Climbers (maximum height, five feet).
 - (8) Ramps and/or paved "runways" (maximum slope, 10 percent).
 - (9) Benches.
 - E. All play equipment shall be in accordance with current approved Consumer Product Safety Commission recommendations and guidelines, and installed in accordance with manufacturer's recommendations.
 - F. Equipment, which is not permitted for tot lots, includes seesaws and oversized apparatus not intended for small children.

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- G. All play equipment must have a use area under the equipment and a "No Encroachment Zone" around the equipment as defined below. The "No Encroachment Zone" of adjacent pieces of equipment shall not overlap. Curbing of any type, trees, walls and other equipment must be at a distance from the equipment that a user will not fall and strike his or her body on the obstacle.
- (1) Swinging devices should have a seven-foot use area in the front and rear plus a six-foot "No Encroachment Zone" on all sides.
 - (2) Sliding devices should have a five-foot use area at the bottom of the slide plus a six-foot "No Encroachment Zone" on all sides.
 - (3) Revolving devices should have a seven-foot use area plus a six-foot "No Encroachment Zone" around the device.
 - (4) Stationary devices should have a six-foot use area plus a six-foot "No Encroachment Zone" around the device.
- H. The minimum area of a tot lot shall be 1000 square feet, and shall contain a minimum of four distinct types of activity (i.e., swinging, sliding, climbing, jumping and balancing).
- I. A tot lot shall be enclosed when it is located within 100 feet of a parking lot and/or stormwater detention facility. The type of enclosure shall be chain link fence (minimum height of 42 inches, knurled fabric selvage, top and bottom), or wood rail fence (minimum height of 42 inches/three rails).
- J. Tot lots shall be located at least 100 feet from streets, buildings and other sports or game areas, and shall be within sight of a building, residence, or street, or well-used walkway. Tot lots shall also be located within easy walking distance of, or easily accessible to, neighborhood children.
- K. If the tot lot is to be enclosed, benches shall be located inside the enclosure.
- L. The surface of the tot lot shall be denoted and shall contain a minimum of eight inches of woodchips, sand or pea gravel over a dry, compacted base.

RECREATIONAL EQUIPMENT AND CRITERIA

Ball Fields

- All ball fields shall conform to the standard dimensions below for each particular application:

	<u>Little League 9-12'</u>	<u>Babe Ruth & Baseball</u>	<u>Softball 12</u>
Length of Baseline	60'	90'	60'
Pitching Distance	46'	60'-6"	46'
Batter's Box	3 x 6'	4 x 6'	3 x 7'
Rise of Pitching Mound	6"	10"	NONE
Base Size	14 x 14 x 2-1/4"	15 x 15 x 3-5"	SAME
Coaches Box	4 x 8'	10 x 20'	10 x 15'
Home Plate to Backstop	20'	60'	25'
L. Field Distance	200'	400'	300'
C. Field Distance	200'	400'	300'
R. Field Distance	200'	400'	300'

- The soil mix for use on infields shall be 60 percent red topsoil, 15 percent sand, and 25 percent Turface™ or approved equal.
- The ball field shall be laid out such that the backstop is toward the south with the field opening to the north. In the event this is not possible due to limiting constraints, the Director may consider other options.
- The drainage shall be accomplished as graphically illustrated in the following Standards.
- The minimum areas required for ball fields are as follows:

Area Required

Baseball & Babe Ruth	-	232,500 S.F. (5.3 AC)
Softball	-	123,500 S.F. (2.8 AC)
Softball/Baseball	-	123,500 S.F. (2.8 AC)
(Little League)	-	66,323 S.F. (1.5 AC)

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Tennis Courts

1. Tennis courts shall be designed in accordance with the following:
 - A. The net and posts used shall be Chevron USA™, or approved equal.
 - B. The net shall be placed such that the top is three feet high at the center strap.
2. Tennis courts shall be designed such that they drain as illustrated in the following standards.
3. The orientation shall be such that the net line between the sides lies along a line from north-southwest to northeast, unless otherwise approved.

Basketball/Multi-Use Courts

1. The minimum area dimension for basketball/multi-use courts are as follows:

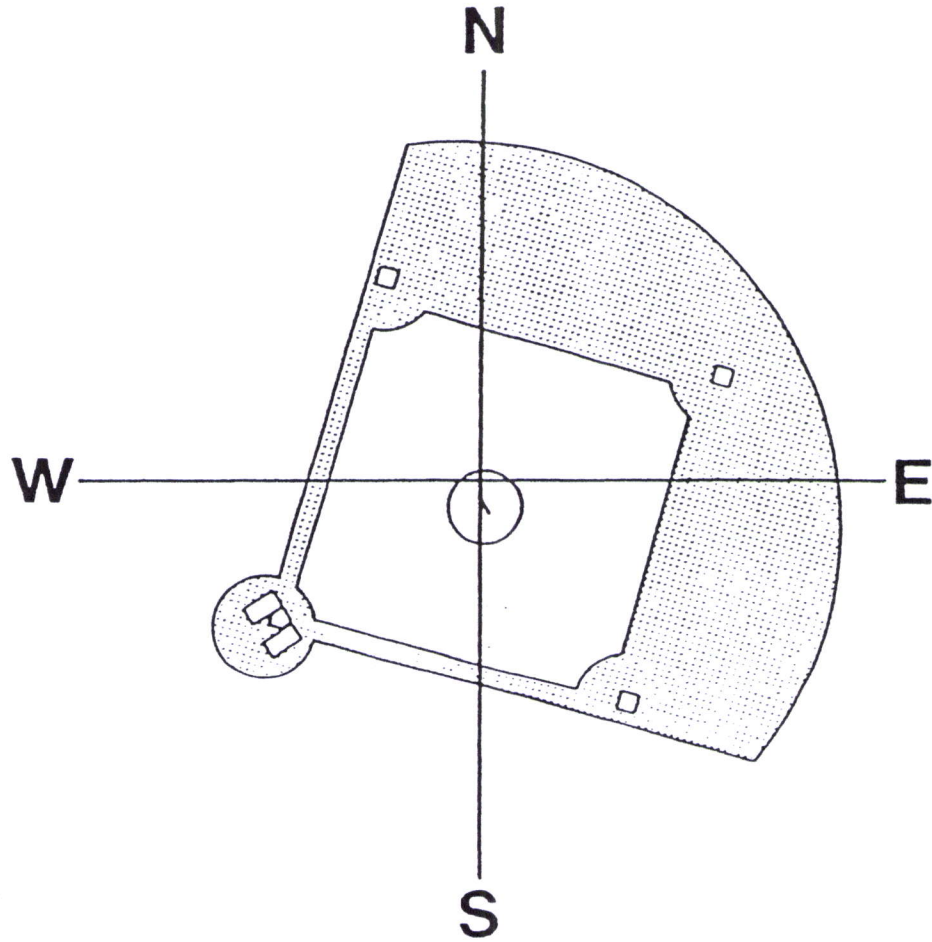
<u>Court Type</u>	<u>Dimensions</u>	<u>Use Areas</u>
Basketball		
Junior High	74 x 32	90 x 58 (5,220 Sq. Ft.)
High School	84 x 50	100 x 66 (6,600 Sq. Ft.)
College	94 x 50	110 x 66 (7,260 Sq. Ft.)
Multi-Use	60 x 30	70 x 40 (2,800 Sq. Ft.)

2. The orientation shall be such that the centerline between the baskets lies along a line facing north-northwest from southeast, unless otherwise approved.

Soccer Fields

1. Soccer fields shall be designed in accordance with the following Standards.
2. The field shall be striped using a two-inch strip of white NON-TOXIC material which is not injurious to the eyes or skin.
3. The orientation of the courts shall be such that the two goals face north and south respectively, unless otherwise approved.

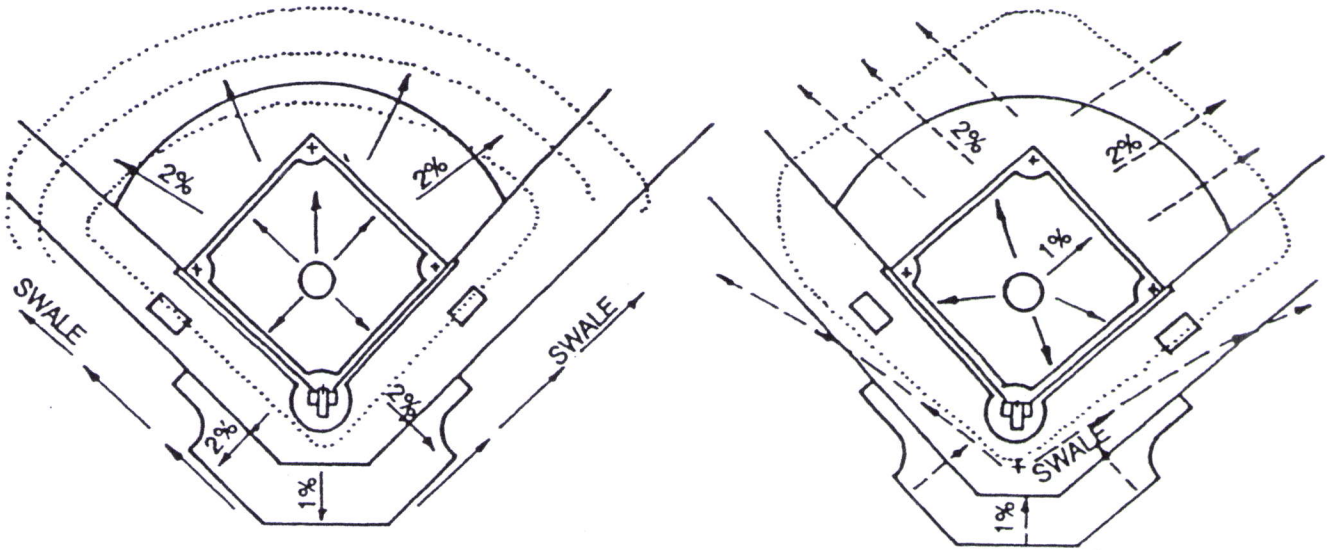
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**BALLFIELD
ORIENTATION**

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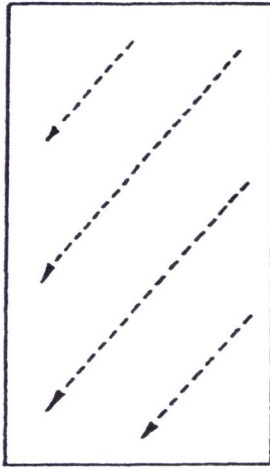
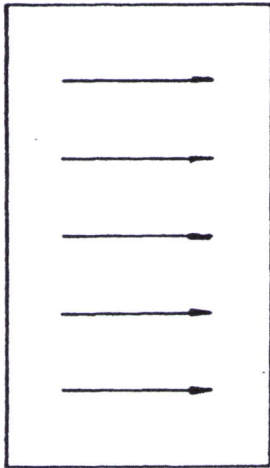


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**DRAINAGE
FOR FIELDS**

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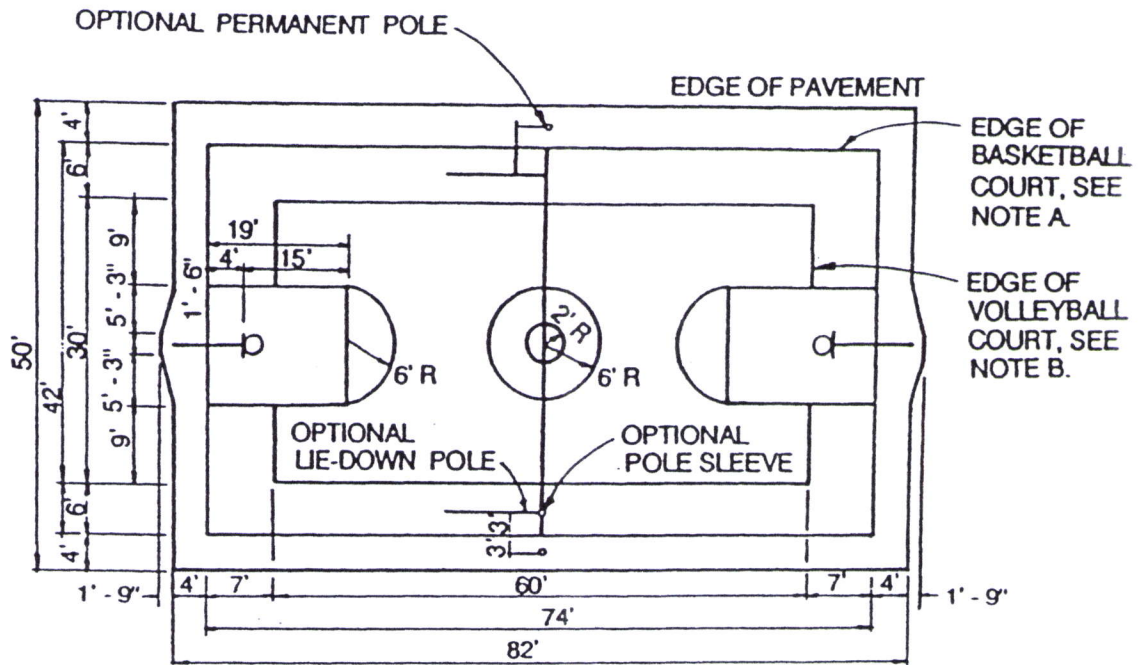


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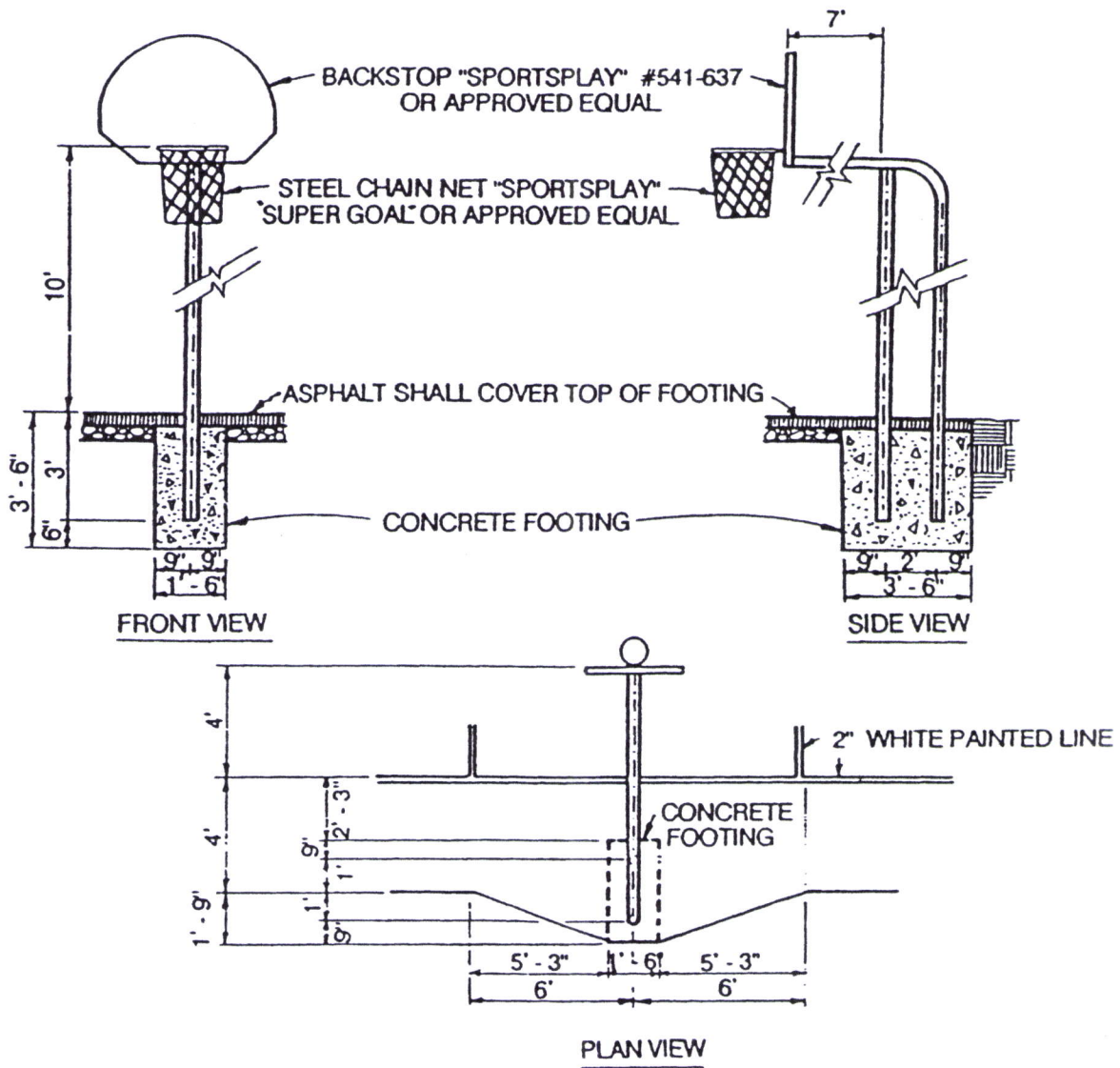
**DRAINAGE DETAIL
FOR COURTS AND
FIELDS**

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- A. BASKETBALL COURT DIMENSIONS ARE TO THE INSIDE OF THE TWO INCH WIDE PAINT LINE.
- B. VOLLEYBALL COURT DIMENSIONS ARE TO THE OUTSIDE OF THE TWO INCH WIDE PAINT LINE.
- C. FOR BASKETBALL BACKSTOP DETAILS, SEE RS-5.

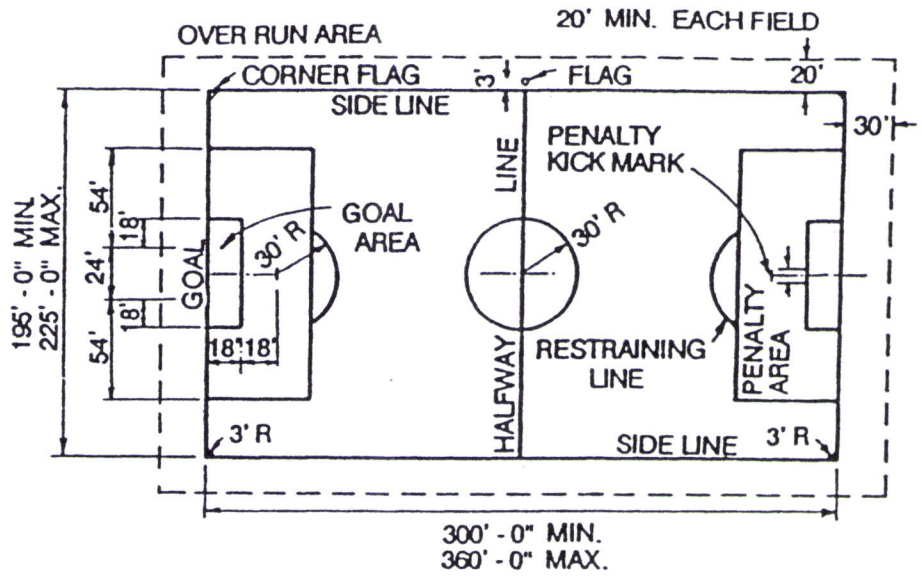
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**BASKETBALL
BACKSTOP**

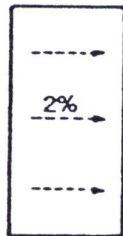
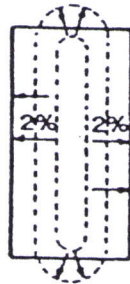
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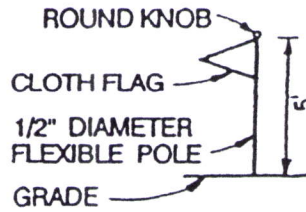
PLAN VIEW

PREFERRED

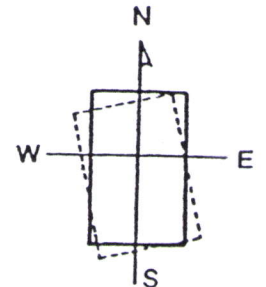
ACCEPTABLE



DRAINAGE PLAN



FLAG DETAIL



FIELD ORIENTATION

- A. ALL DIMENSIONS ARE TO THE INSIDE EDGE OF LINES
- B. ALL LINES SHALL BE TWO INCHES WIDE AND BE OF WHITE, NON-TOXIC, NON-INJURIOUS MATERIAL.
- C. THE OVER RUN AREA MAY BE GRADED TO A MAXIMUM FIVE PERCENT SLOPE.

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