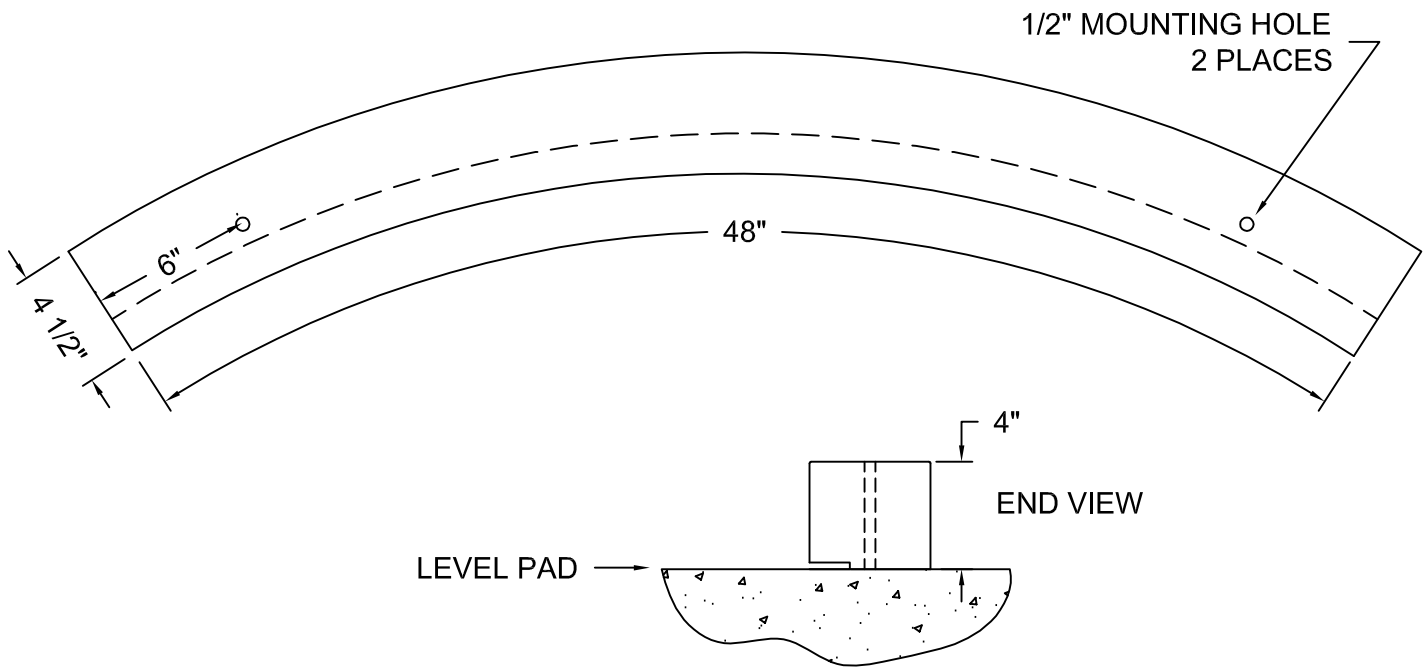


# SE359 - SYNTHETIC TOEBOARD, LEVEL PAD

## SPECIFICATIONS

The SE359 Synthetic Toeboard is designed to be used on a level throwing surface with the SE372 Aluminum shot circle or the SE373 Steel Shot Circle. Optionally, a painted white line may be used to designate the throwing circle. The toeboard is fabricated from low density polyethylene. The SE359 toeboard meets all NFSHSA requirements for high school use.



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<b>SportsEdge</b> A Division of ABT, Inc. P.O. Box 837 * 259 Murdock Road Troutman, NC 28166 800-334-6057	<b>TITLE:</b> Synthetic Shot Put Toe-Board - Level Pad		
	<b>DRAWN BY:</b> M.D.H.	<b>CHECKED BY:</b>	<b>DRAWING NUMBER:</b> SE359-1
<b>SCALE:</b> NONE	<b>DATE:</b> 5/17/04	<b>A-</b>	
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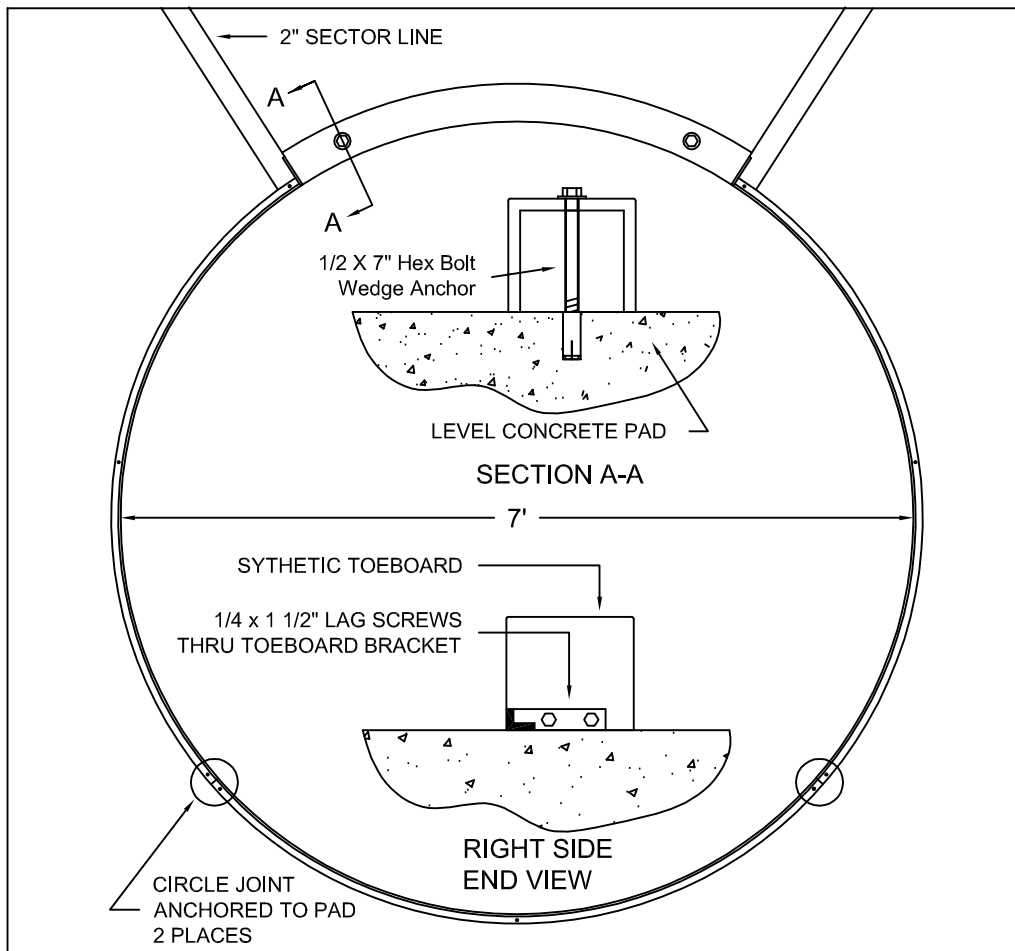
# SE359 - SYNTHETIC TOEBOARD, LEVEL PAD SE372 INSTALLATION

## INSTRUCTIONS

1. The SE359 toeboard is mounted to a flat throwing surface (pad) with a SE372 Aluminum Shot Circle, (shown below) or a SE373 circle (See SE359-3 for instructions) or a painted white line to designate the throwing circle.
2. Circumscribe a 7 foot diameter circle on the pad to designate the inside edge of the aluminum shot circle or 2" wide painted circle. The circle should be centered on the pad. If a painted circle is to be used, paint the circle prior to installing the toeboard.
3. Using the toeboard as a template, mark the center of the holes to be drilled for the 1/2" bolt anchors. Be sure the toeboard is properly positioned with the inside curved edge even with the inner edge of the scribed line or painted circle. The toeboard must also be centered on the sector lines.
4. Drill 1/2" holes for the wedge anchors, and LOOSLEY mount the toeboard in position with the

- 1/2" x 7" hex bolts. Lay out the aluminum circle sections so the inside edge corresponds with the 7 foot circle on the pad and the toeboard brackets are even with the inner edge of the toeboard. Mark the ends of the toeboard and the pad where the lag screws and anchors for the circle will go. The circle will require nine 1/4" concrete wedge anchors.
5. Remove the circle sections and toeboard. Drill two 5/32" pilot holes in each end of the toeboard at the marked locations. Drill nine 1/4"- holes in the pad for the circle concrete anchors.
6. Install two 1/2" hex bolts through the toeboard and secure it in place. Use the 1/2" flat washers between the toeboard and the heads of the anchor bolts. Do not over tighten! Secure the circle toeboard brackets to the ends of the toeboard with the 1/4" lag screws provided. Secure the circle sections to the pad with the 1/4 wedge anchors.

NOTE: Toeboard must be centered on sector lines, high school sector shown.



**NOTICE:** All installations should be done by experienced contractors and in accord with all applicable codes, laws and regulations. Suggested installation instructions herein are illustrative only and should be adapted to suit local requirements. SportsEdge is not responsible for the manner in which these products are installed.

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	<b>DRAWN BY:</b> M.D.H.	<b>CHECKED BY:</b>	
<b>SCALE:</b> NONE	<b>DATE:</b> 5/17/04		
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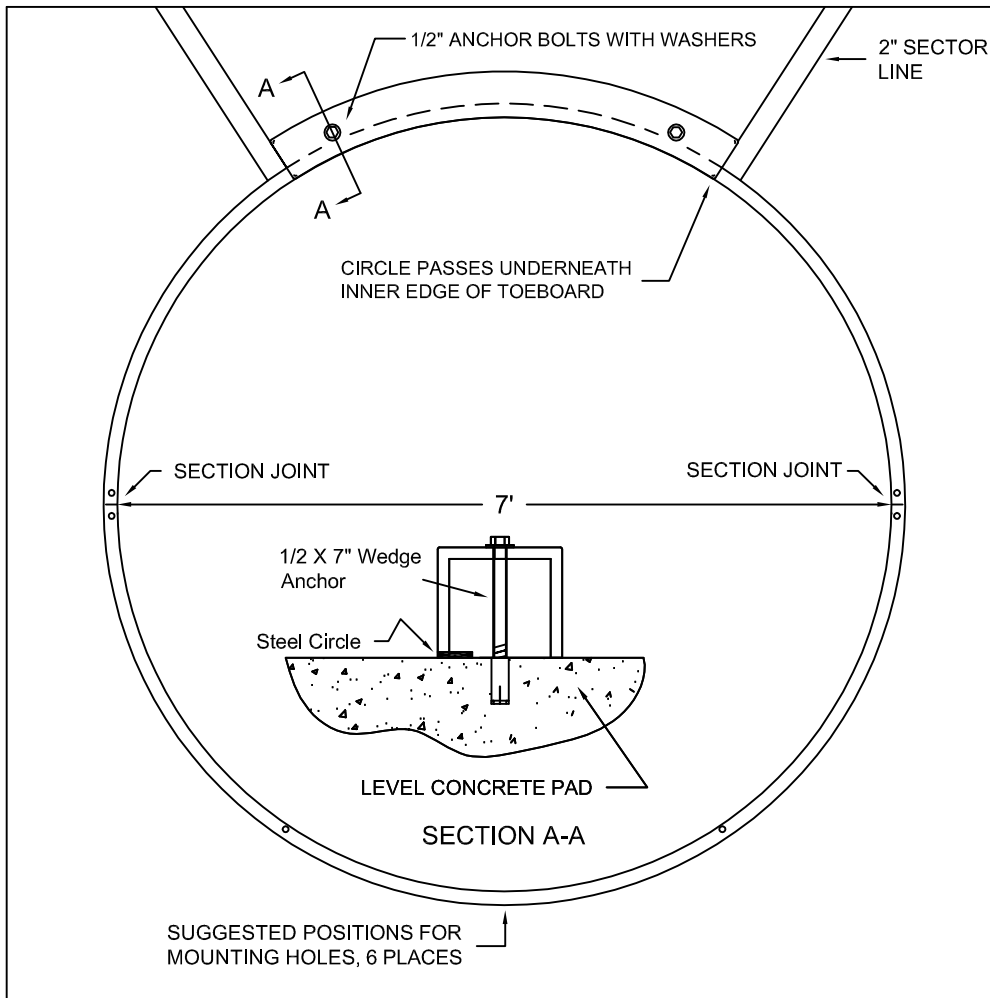
# SE359 - SYNTHETIC TOEBOARD, LEVEL PAD SE373 INSTALLATION

## INSTRUCTIONS

1. The SE359 toeboard is mounted to a flat throwing surface (pad) with a SE373 Steel Shot Circle (shown below) or a SE372 circle (See SE359-2 for instructions) or a painted white line to designate the throwing circle.
2. Scribe a 7 foot diameter circle on the pad to designate the inside edge of the steel shot circle or 2" wide painted circle. The circle should be centered on the pad with the two section joints to the right and left sides. If a painted circle is to be used, paint the circle prior to installing the toeboard. Note: The use of a painted circle will leave a 1/4" vertical gap between the inner edge of the toeboard and the pad surface.

3. Using the toeboard as a template, mark the center of the holes to be drilled for the 1/2" wedge anchors. Be sure the toeboard is properly positioned with the inside curved edge even with the inner edge of the steel circle or painted circle. The toeboard must also be centered on the sector lines.
4. Drill holes for the wedge anchors and mount the circle and toeboard. Do not over tighten! Use 1/2" flat washers between the toeboard and the anchor nuts.

NOTE: Toeboard must be centered on sector lines, high school sector shown.



**NOTICE:** All installations should be done by experienced contractors and in accord with all applicable codes, laws and regulations. Suggested installation instructions herein are illustrative only and should be adapted to suit local requirements. SportsEdge is not responsible for the manner in which these products are installed.

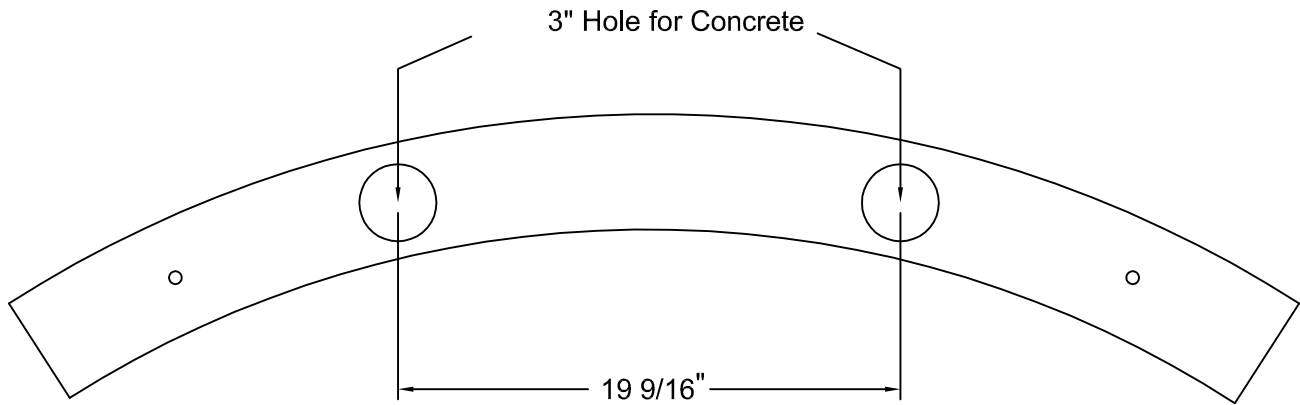
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	<b>DRAWN BY:</b> M.D.H.	<b>CHECKED BY:</b>	
<b>SCALE:</b> NONE	<b>DATE:</b> 5/17/04		
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# SE359 - SYNTHETIC TOEBOARD, LEVEL PAD "OPTIONAL" CONCRETE INFILL

## SPECIFICATIONS

For maximum stiffness the toeboard may be filled with concrete. To accomplish this it is recommended that the toeboard be filled with Type I, Portland cement concrete. First, make sure that the toeboard is mounted in accordance with SE359-2 or SE359-3. Two 3" holes are cut into the middle of the toeboard, as shown in the picture. These holes can be drilled out with an arbor drill point and hole saw attachments. Next, a concrete mixture with a 3 to 5 inch slump should be mixed. The weight ratio of water/cement should not be less than 0.5. The concrete mixture then should be troweled & rodded into the toeboard. The toeboard will hold approximately 0.5ft<sup>3</sup> of material. When the toeboard is full scrape off the excess concrete, so that it is flush with the top of the hole in the toeboard. For best results, the concrete should wet cure for 7-14 days prior to use.



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	<b>DRAWN BY:</b> M.D.H.	<b>CHECKED BY:</b>	<b>DRAWING NUMBER:</b> SE359-4
<b>SCALE:</b> NONE	<b>DATE:</b> 5/17/04	<b>A-</b>	
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