



OFFICIAL TRACK SETUP GUIDELINES

As approved by
FIRS Roller Derby Technical Committee

Valid as of January 1, 2017

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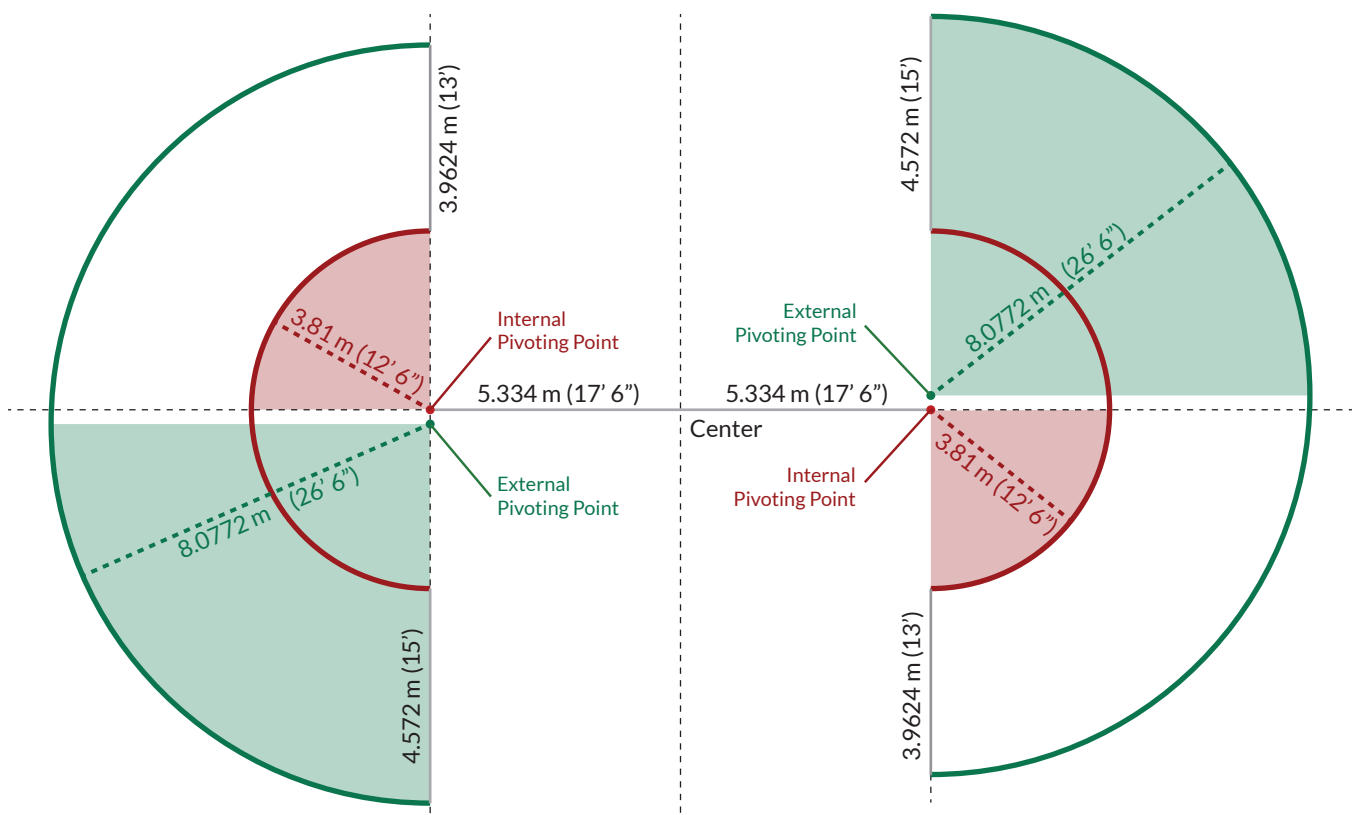
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These guidelines are provided to assist interpretation, the text in the International Rules of Roller Derby acts as the definitive specification.

Turns

1. Identify the center of the surface where you will be setting the track.
2. From the center of the track surface, measure 5.334 m (17.5 ft) lengthwise along the center line in both directions and mark the two internal pivoting points. From one of those internal pivoting points, move perpendicularly to the left facing away from the center and measure 30.481 cm (1 ft) to mark the first external pivoting point. Repeat at the opposite internal pivoting point to mark the second external pivoting point.
3. Tether your marking device to each internal pivoting point, move 3.81 m (12.5 ft) perpendicular to the center line and draw a semi-circle which defines the internal turns.
4. Tether your marking device to each external pivot point, move 8.0772 m (26.5 ft) perpendicular to the center line and draw a semi-circle.

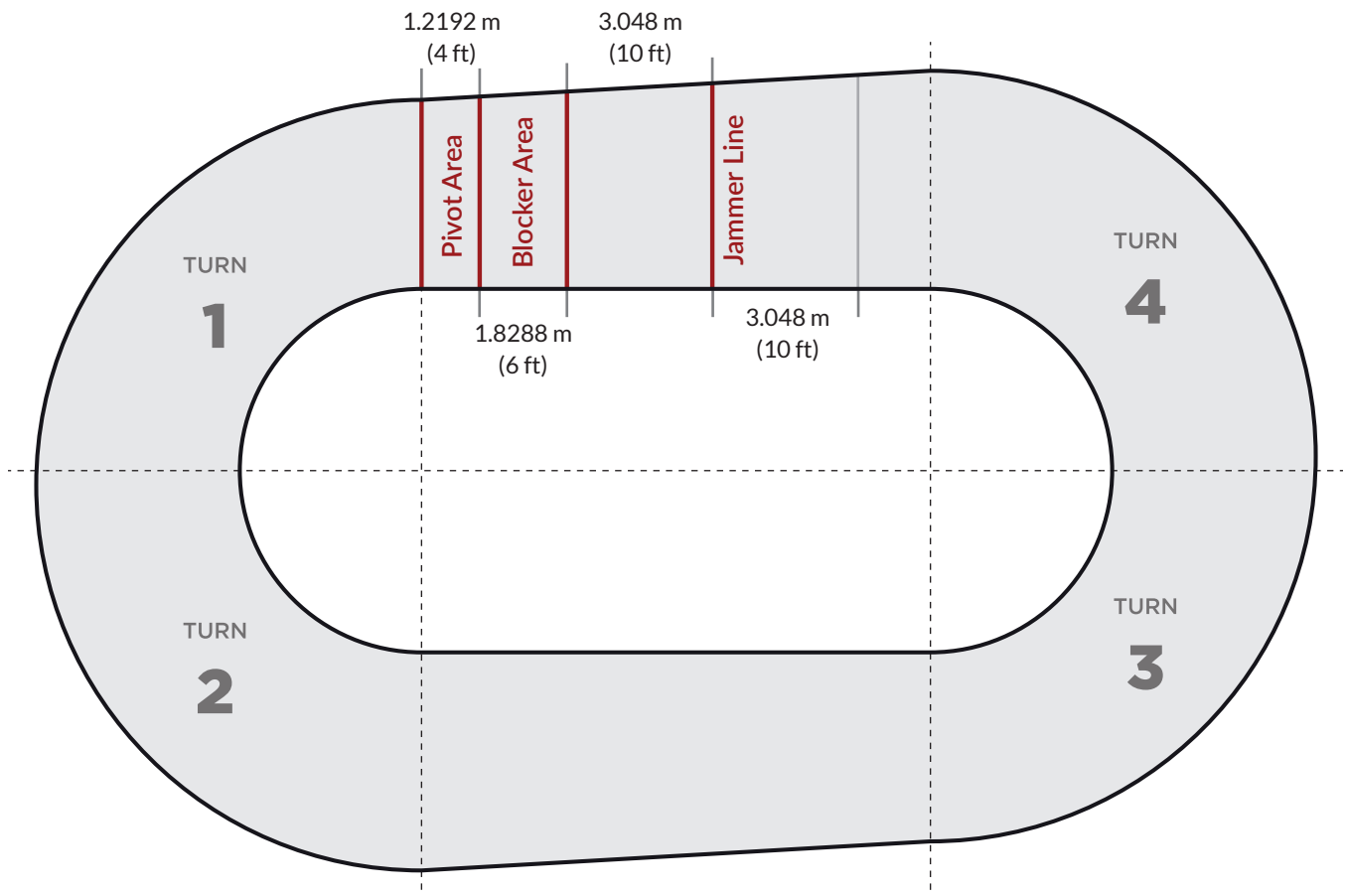


Straightaways

1. Connect the endpoints of each side of the small semi-circles to create the straightaways and complete the internal boundary.
2. Connect the endpoints of each side of the large semi-circles to create the straightaways and complete the external boundary.

Starting Areas

1. Select one of the narrow turns to place the starting areas, this will be turn 1.
2. Connect the endpoints of the internal and external semi-circles at turn 1 to draw the front line of the Pivot Area.
3. Measure 1.2192 m (4 ft) down the internal boundary on the straightaway to draw the back line of the Pivot Area, which is also the front line of the Blocker Area.
4. Measure 1.8288 m (6 ft) down the internal boundary on the straightaway to draw the back line of the Blocker Area.
5. Continue down the internal boundary and measure 3.048 m (10 ft) to draw the Jammer line.
6. Continue down the internal boundary and measure 3.048 m (10 ft) to draw a track line that will assist with false starts.

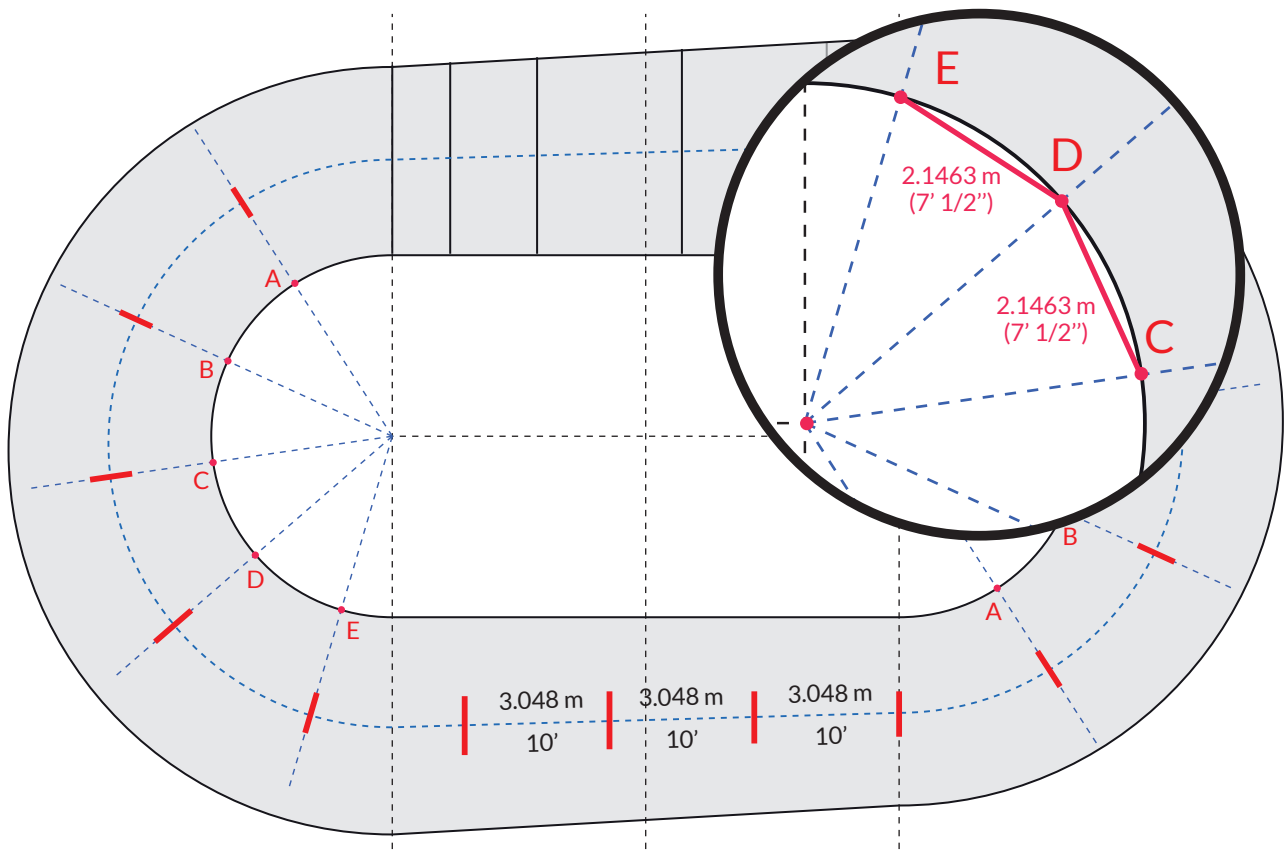


Track Lines

Track lines are optional but recommended as a way to assist the Referees in assessing proximity. These lines may go all the way across the track or may be marked only at the middle of the track. If track lines are marked, they must be at least 30.96 cm (2 ft) long.

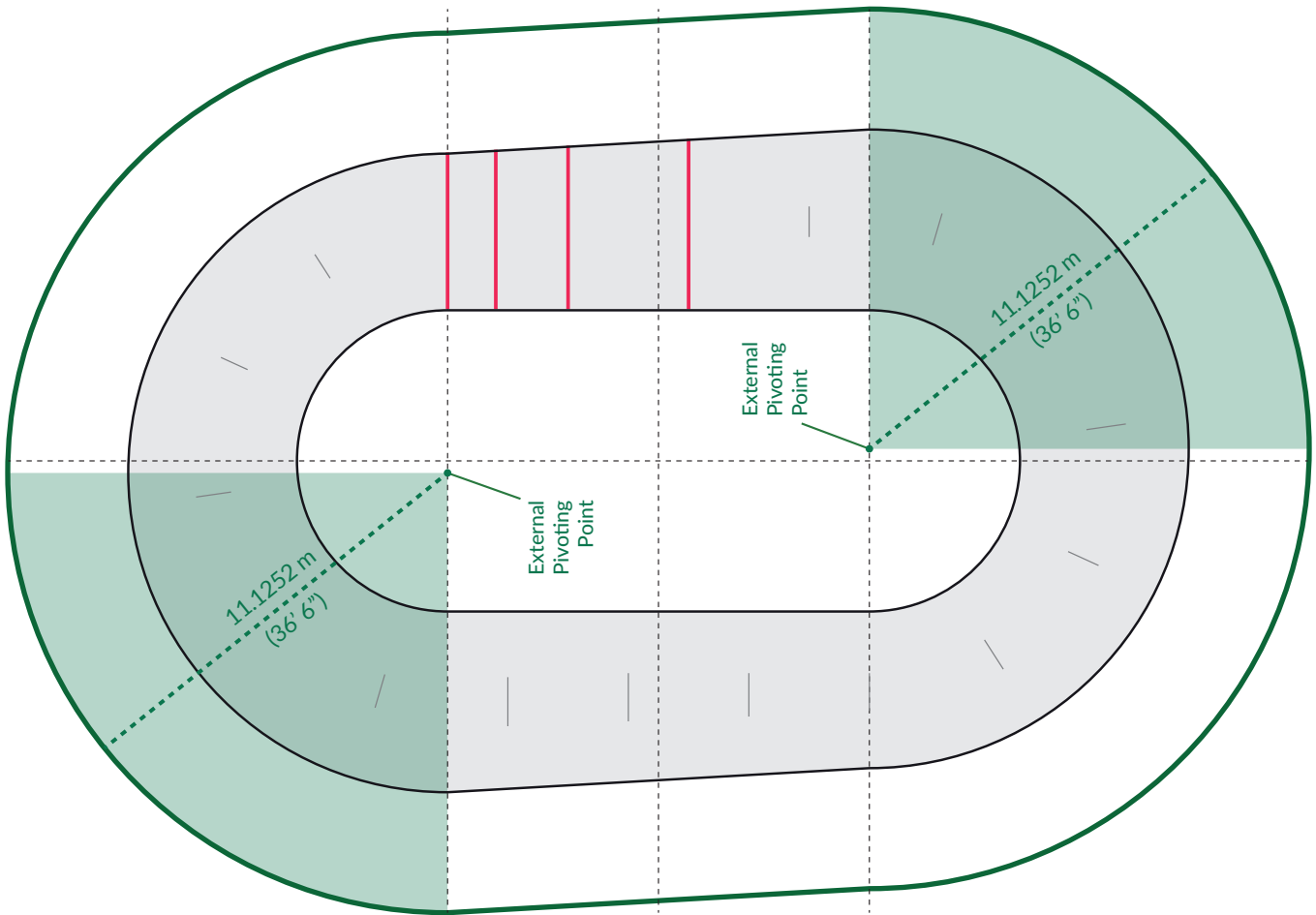
Follow these steps to create the track lines:

1. Reference the endpoints of the internal and external semi-circles at turn 3 to draw a track line.
2. Measure 3.048 m (10 ft) down the internal straightaway to draw the next track line.
3. Repeat two more times to have a total of four track lines on the straightaway.
4. From the internal boundary of the Pivot Line, measure 2.1463 m (7 ft 1/2in) in a straight line to where it intersects with the internal semi-circle. Mark this intersection (A) and extend a line from the internal pivoting point across it and continuing all the way across the track. Use this to mark a track line across the track or in the middle.
5. From previous intersection (A), measure 2.1463 m (7 ft 1/2in) in a straight line until it intersects with the internal semi-circle. Mark this intersection (B) and extend a line from the internal pivoting point across it and continuing all the way across the track. Use this to mark a track line across the track or in the middle.
6. Repeat 3 more times, finding intersections (C, D and E) along the internal semi-circle.
7. Repeat steps 4-6 on the other side of the track starting with mark A at turn 3 and working your way to mark E at turn 4.



Safety Area

1. Tether your marking device to one of the external pivoting point, move 11.1252 m (36.5 ft) perpendicular to the center line and draw a semi-circle.
2. Tether your marking device to the other external pivoting point, move 11.1252 m (36.5 ft) perpendicular to the center line and draw a semi-circle.
3. Connect the endpoints of each semi-circle to complete the edge of the safety area.



OFFICIAL TRACK SETUP
FINAL DESIGN

