



## **Installation Notes for SportsEdge Pro Channel Drain Installation**

1. Start at one end of one of the straight-aways (beginning of the radius) and set the first 2900 SportsEdge in line catch basin.
- 2. For the straight-aways; set a string line at a 12” offset to the track side. This can be used frequently when setting the channels to make sure the SportsEdge channels are set straight.**
3. Use a stiff mix of mortar.
- 4. Make sure the concrete brick is set in the mortar so the 8” length is running perpendicular to the 1-meter length channels. The channels should each catch about 2” of the 4” wide brick.**
5. Make sure that the brick is set in the correct location and is level and plumb. The top of the brick should be at an elevation equal to finished grade minus 9”.
- 6. Cut a 2x4(or other measuring device) to the exact length of the SportsEdge channels to be used to locate the position of each brick at the channel joint.**
7. Don't want to get to far ahead of yourself when setting the bricks and mortar. Set the concrete bricks and mortar approximately 25-30 at a time. Once the mortar has stiffened, come back and begin to set the channels, constantly checking the location and elevation of the channels.
- 8. After a channel has been set in the correct location, shovel additional mortar up against the channels (at the joint) to help stabilize the drain for the final pour.**
9. When setting brick and channel locations around the radius; use a steel tape from the radius pin. Attach the end of the steel tape to the radius pin if possible. See the plans for the radius measurements.

10. Once the channels are set and stable, install the “L” edging (3 meter lengths) and grates (1 meter lengths). ***Important:***

A. Stagger the “L” edging by starting each piece in the middle of a 1 meter channel. This will conceal all channel joints, and provide a clean finished appearance.

B. Optional; On the straight away you can stagger the grates by starting each piece in the middle of a 1 meter channel. Lock the grates (2 locking devices per grate) into place. The locked down grates add stability to the drain.

For final concrete pour:

11. Cut an 8” PVC pipe in half lengthways. Use the half circle piece of pipe on top of the drain channel to distribute the concrete evenly on both sides. Use hand floats to cove concrete up to the elevation guides on the channels, or to the top of the concrete forms. Continue around the track by sliding the pipe along as you go. This will help to keep the channels from being knocked out of line, help to keep the grates clean, and speed up the installation.

**Notes:**

***1. Double check channel locations before the final concrete pour.***

***2. Note: the overall height of the Pro-L drain system is 9.0”.***

***3. Keep the drain system and grates protected and clean during the concrete pour, and throughout the construction process.***

***4. Be very careful not to damage the channel drain system when paving close to it.***