

# J-DRain<sup>®</sup>-SWD

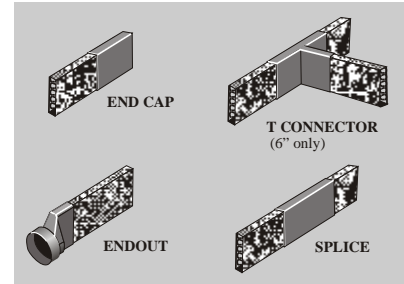
## Site Water Drainage

### APPLICATIONS

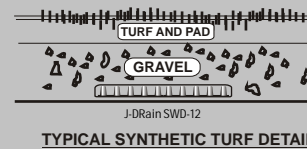
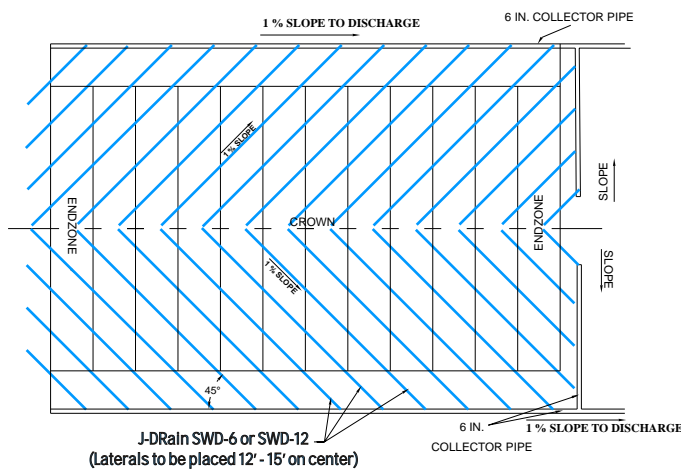
- NATURAL TURF
- SYNTHETIC TURF
- LANDSCAPE



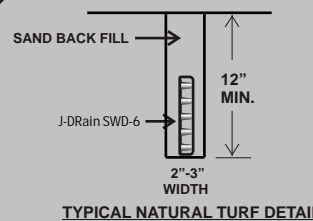
### Fittings



J-DRain SWD is a 3-dimensional, high-flow, drainage core which is wrapped with a non-woven filter fabric. It is designed to retain soil particles while allowing water to pass through the drain core for easy removal of water.



**NOTE:** J-DRain SWD-12 is placed horizontally across playing field and sloped to sideline trenches thus eliminating crossfield trenching.



**NOTE:** J-DRain SWD-6 is placed vertically in narrow trenches and sloped to sidelines. Narrow trenches are less intrusive to playing field.

## Physical Properties

<b>Core</b>	Compressive Strength (ASTMD-1621)	9,500 psf (455 kN/m <sup>2</sup> )
	Thickness (ASTM-1777)	1 in. (2.54 cm.)
	Flow (ASTMD-4716) (Hydraulic gradient = .1)	30 gpm/ft width (372 lpm/m)
<b>Roll</b>	Roll Weight:	35 / 65 / 95 / 120 lbs. (17 / 29 / 45 / 52 kgs.)
	Roll Width:	6" / 12" / 18" / 24" (15 / 30 / 45 / 60 cm.)
	Roll Length:	165 ft. (50.29 meters)

<b>Fabric</b>	Flow (ASTMD-4491)	140 gpm/ft <sup>2</sup> (5698 lpm/m <sup>2</sup> )
	Puncture (ASTMD-4833)	65 lbs. (.30 kN)
	AOS (ASTMD-4751)	70 U.S. Sieve (.212 mm)
	Grab Tensile (ASTMD-4632)	100 lbs. (.45 kN)

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