

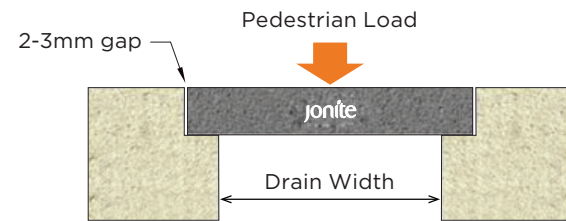
Curve Grates

Installation

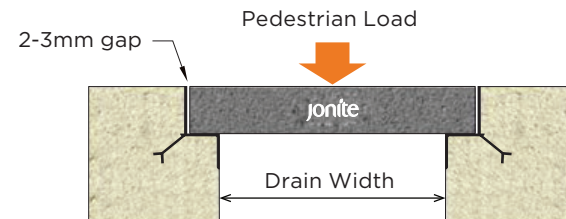
All Jonite curve grates can be customized into any radius requested. However, there are three recommended methods, usually depending on the application and installation of the straight standard grates.

Jonite can either provide the Curve Templates™ for installers to check and guide the radius of the formwork or provide a full-scale CAD drawing of the template.

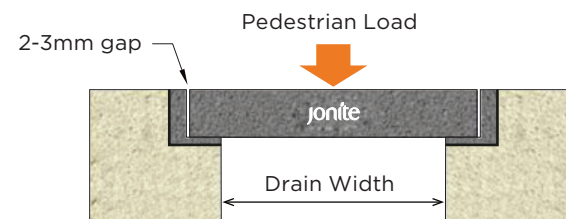
ON LEVEL CONCRETE



WITH L-STEEL ANGLES

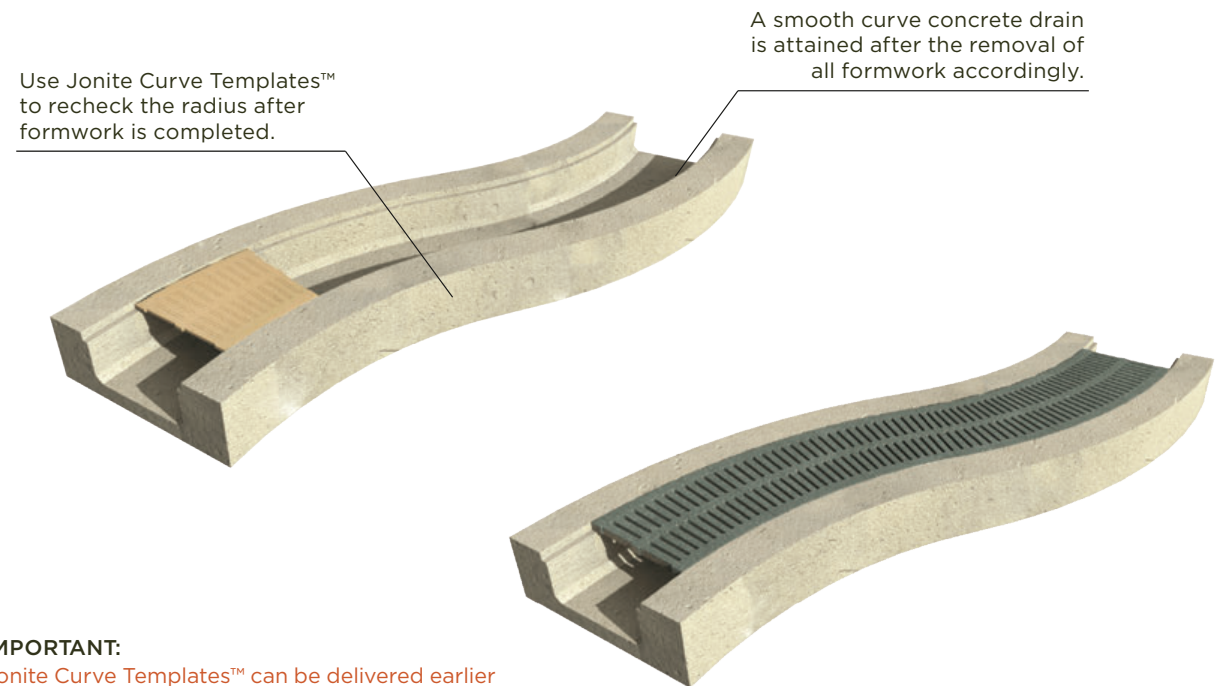
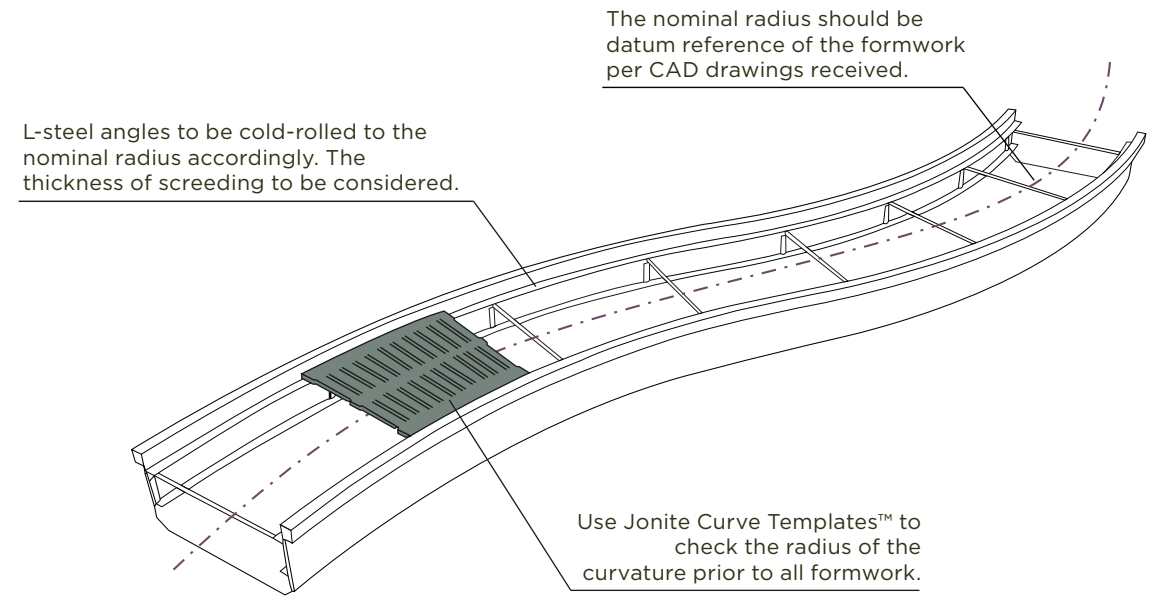


WITH JONITE L-TRIMMERS™



1 ON LEVEL CONCRETE

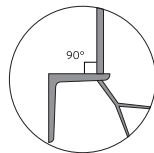
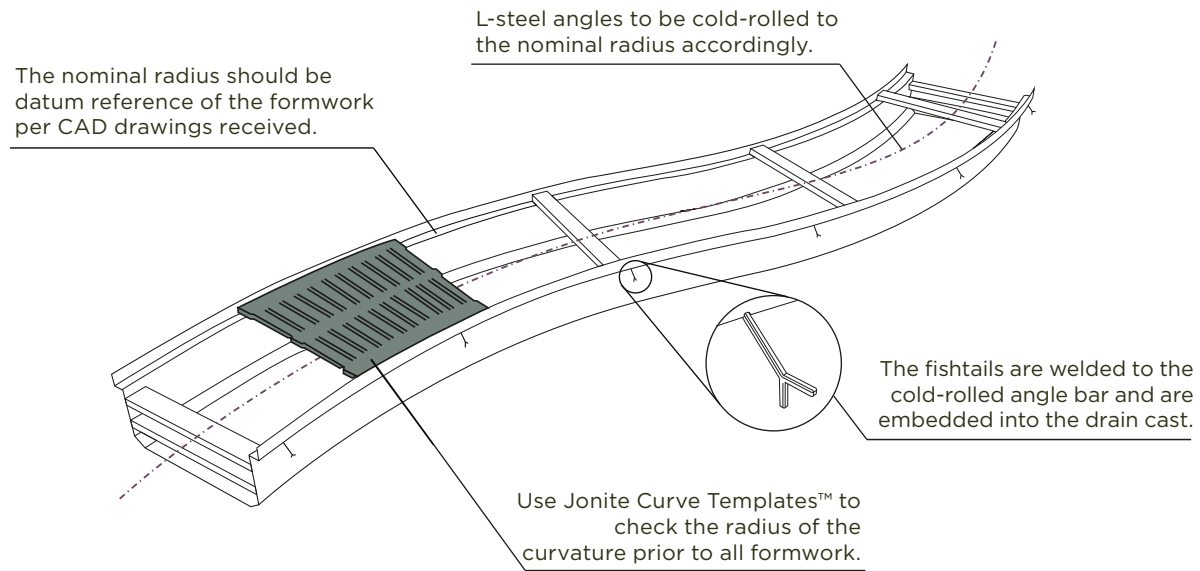
This method uses L-steel angles cold-rolled to the required radii with considerations such as screeding, the thickness of form-ply, and allowance of the internal drains.



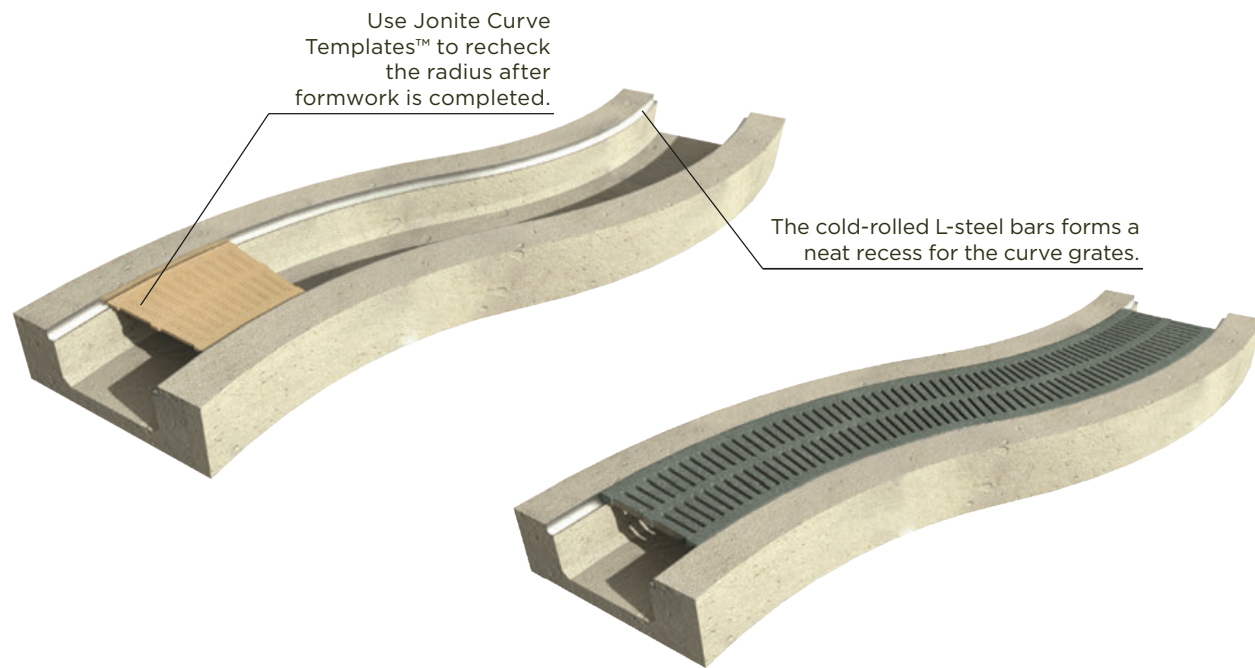
IMPORTANT:
Jonite Curve Templates™ can be delivered earlier for checking of the drain curvature.

2
WITH L-STEEL
ANGLES

This method uses L-steel angles to be cold-rolled to the nominal radii accordingly. The entire metal frame in curvature will be positioned and mounted firmly over the timber formwork. This formwork must also be in line with the curve of the metal framework accordingly.



IMPORTANT: A 90-degree edge seating as shown must be ensured for vehicular application.



3
WITH JONITE
L-TRIMMERS™

This method uses Jonite L-Trimmers™ as the shoulder seating for the curve grates. This method can be used for any application. The curve L-Trimmers come in a set of two sections, the inner and the outer curvature. They are accurately produced to the nominal radius accordingly.

The vertical curve drain is cast similarly to the level concrete without the recessed shoulder seating provision. The curve drains will then be installed with the L-Trimmers using dry fixing with SealFix™ 103 (epoxy mortar).

