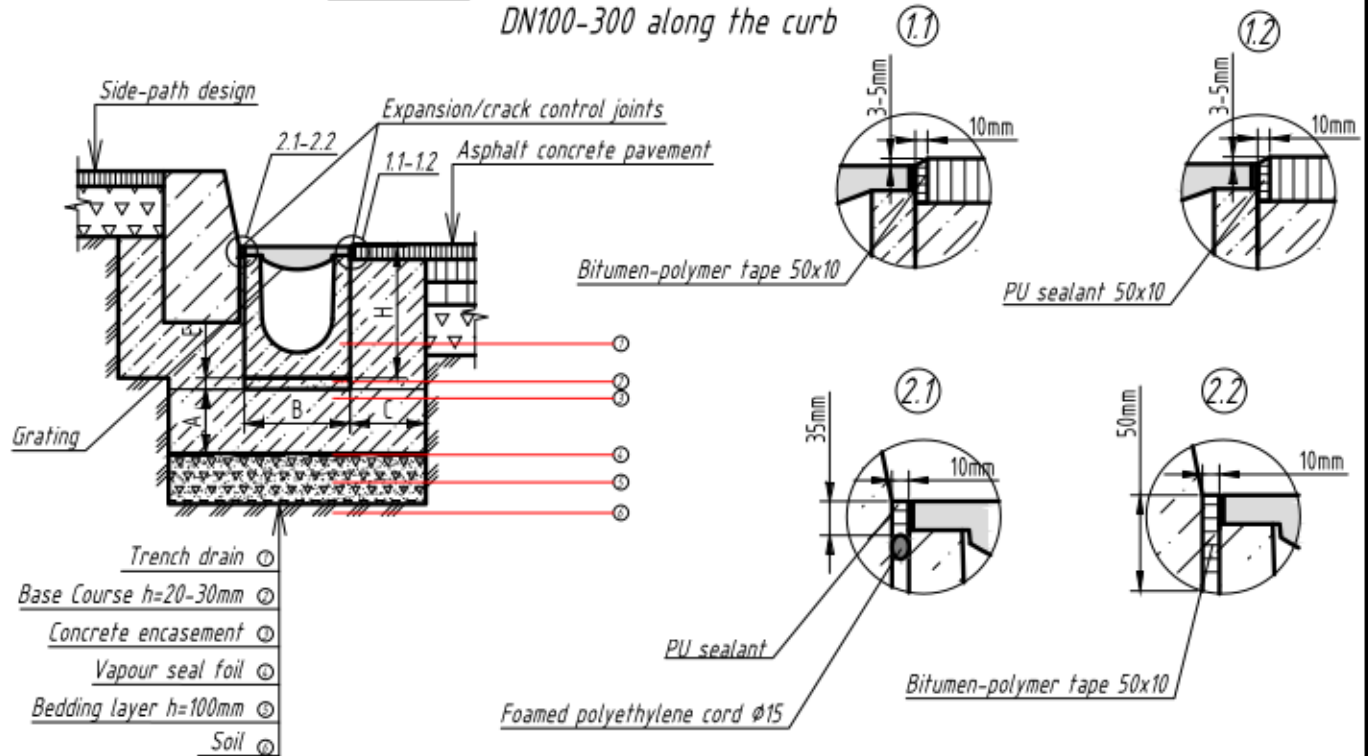


Installation of Drive series concrete channels with a hydraulic cross-section DN100-300 along the curb



Recommended parameters of the Concrete encasement

Parameter	Load class		
	C250	D400	E600
Concrete encasement depth (A), mm	150	200	250
Concrete encasement width (C), mm	150	200	200
Compressive strength concrete class	C20/25	C25/30	C25/30

Notes

- Parameters of bedding layer, concrete encasements as well as necessity of reinforcement must be selected according to geological conditions of the site.
- If the line length of the channels line is more than 10m, expansion joints of the concrete encasement should be designed.
- Heavy load trench drain lines, including traffic transverse motion has to be made of monolithic channels CompoMax Monoblock without bolt clamps.
- For compensation of temperature influence and deformation fluctuations of the adjoining pavement, it is recommended to arrange, at a distance of 250-500mm from the edge of the trench drain, longitudinal temperature /expansion joints.
- Applicability of the concrete reinforcement must be approved by E class calculation (rebar type and class).
- Installation diagram is non-regulatory. Check updates on the Standartpark website.

BetoMax Drive DN100-300 Asphalt

BD4-201119

Typical installation scheme of the rain water collection system

Concrete trench drain Drive series with hydraulic cross section DN100-300

4

Installation along the curb



Designed
Checked

20.11.19