Installation of PolyMax Drive series plastic channels with a hydraulic cross-section LN100-300 into an asphalt concrete pavement Expansion/crack control joints <u>Grating</u> 2.1 or 2.2 Asphalt pavement top layer Asphalt pavement course Bedding layer PU sealant 40x10 Trench drain 🕥 Bitumen-polymer tape 50x10 Base Course h=20-30mm Concrete encasement PU sealant 50x10 Vapour seal foil © Sand-and-cement mix h=100mm Compacted bedding layer © Recommended parameters of the Concrete encasement Load class Parameter *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 C20/25 C25/30 Notes 1. Parameters of bedding layer, concrete encasements as well as necessity of reinforcement must be selected according to geological conditions of the site. 2. If the line length of the trench drains line is more than 10m, expansion joints of the concrete encasement should be designed.

- 3. 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.
- 4. Installation diagram is non-regulatory. Check updates on the Standartpark website.

					PolyMax Drive DN100-300 Asphalt		PD16-201119	
						Typical installation scheme of the rain water collection system		
	Designe Checket				20.11.19	Plastic trench drain PolyMax Drive series with hydraulic cross section DN100-300	16	
					Asphalt pavement trench drain installation	YODALAND		