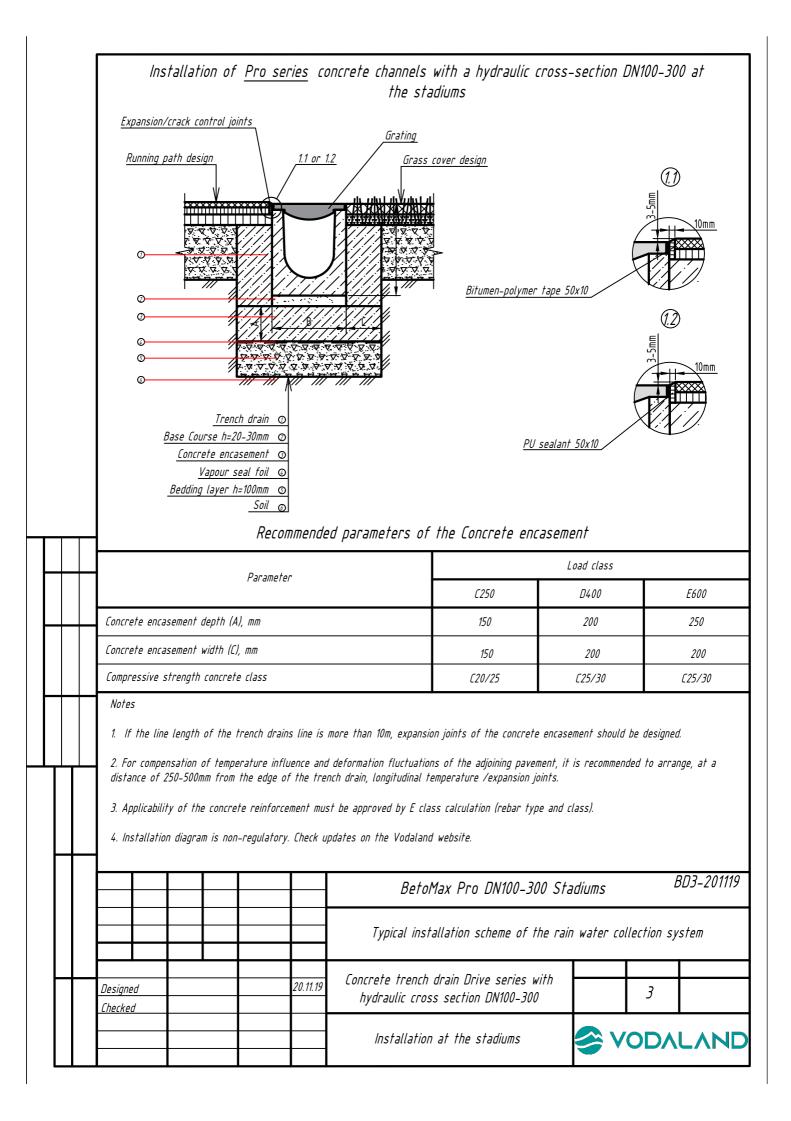
Side-path design 2.1-2 V V V V Grating <u>Trench drain O</u> <u>Base Course h=20-30mm O</u> <u>Concrete encasement O</u> <u>Vapour seal foil O</u> <u>Bedding layer h=100mm O</u> <u>Soil O</u>	Expansion/cra 2 11-1.2 Aspha 2 2 2 2 2 2 2 2 2 2 2 2 2	along the <u>ack control joints</u> <u>alt concrete pavemen</u> <u>Bitumen-poly</u> <u>0</u> 0 0 0 0 0 0 0 0 0 0 0 0 0	nt mer tape 50x10 sealant cord Ø15	10mm PU sealant 50 10mm 10m	
	Pecommended p	arameters of .	the Concrete encas		
Par	ameter	-	<i>C250</i>	Load class D400	E600
Concrete encasement depth (A), mm	Concrete encasement depth (A) mm			200	250
Concrete encasement width (C), mm				200	200
	Compressive strength concrete class			C25/30	C25/30
Notes 1. Parameters of bedding layer, co conditions of the site. 2. If the line length of the trench 3. Heavy load trench drain lines, in without bolt clamps. 4. For compensation of temperature distance of 250-500mm from the e	drains line is more cluding traffic trans e influence and defo	than 10m, expansion sverse motion has to prmation fluctuations	joints of the concrete en o be made of monolithic tr s of the adjoining pavemen	casement should be rench drains CompoM t, it is recommended	designed. ax Monoblock
5. Applicability of the concrete rei 6. Installation diagram is non-regu				nnd class).	
		BetoMax Drive LN100-300 Asphalt BD4-201119			
		Typical installation scheme of the rain water collection system			
Designed Checked	20.11.19		drain Pro series with s section DN100-300		4
		Installation along the curb			



Installation of Drive series concrete channels with a hydraulic cross-section LN100-300 into an asphalt concrete pavement Expansion/crack control joints 1.1 or 1.2 Asphalt concrete pavement 10 m m Bitumen-polymer tape 50x10 \mathcal{O} Gratino ര Trench drain 🔿 Base Course h=20-30mm @ Concrete encasement ③ PU sealant 50x10 Vapour seal foil © Bedding layer h=100mm © Soil © Recommended parameters of the Concrete encasement Load class Parameter [250 D400 E600 Concrete encasement depth (A), mm 150 200 250 Concrete encasement width (C), mm 150 200 200 Compressive strength concrete class [20/25 [25/30 [25/30 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. Heavy load trench drain lines, including traffic transverse motion has to be made of monolithic trench drains CompoMax Monoblock without bolt clamps. 4. 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. 5. Applicability of the concrete reinforcement must be approved by E class calculation (rebar type and class). 6. Installation diagram is non-regulatory. Check updates on the Vodaland website. BD1-201119 Pro DN100-300 Asphalt Typical installation scheme of the rain water collection system Concrete trench drain Pro series with 20.11.19 Designed 1 hydraulic cross section LN100-300 Checked Asphalt pavement trench drain installation 🄗 VODALAND