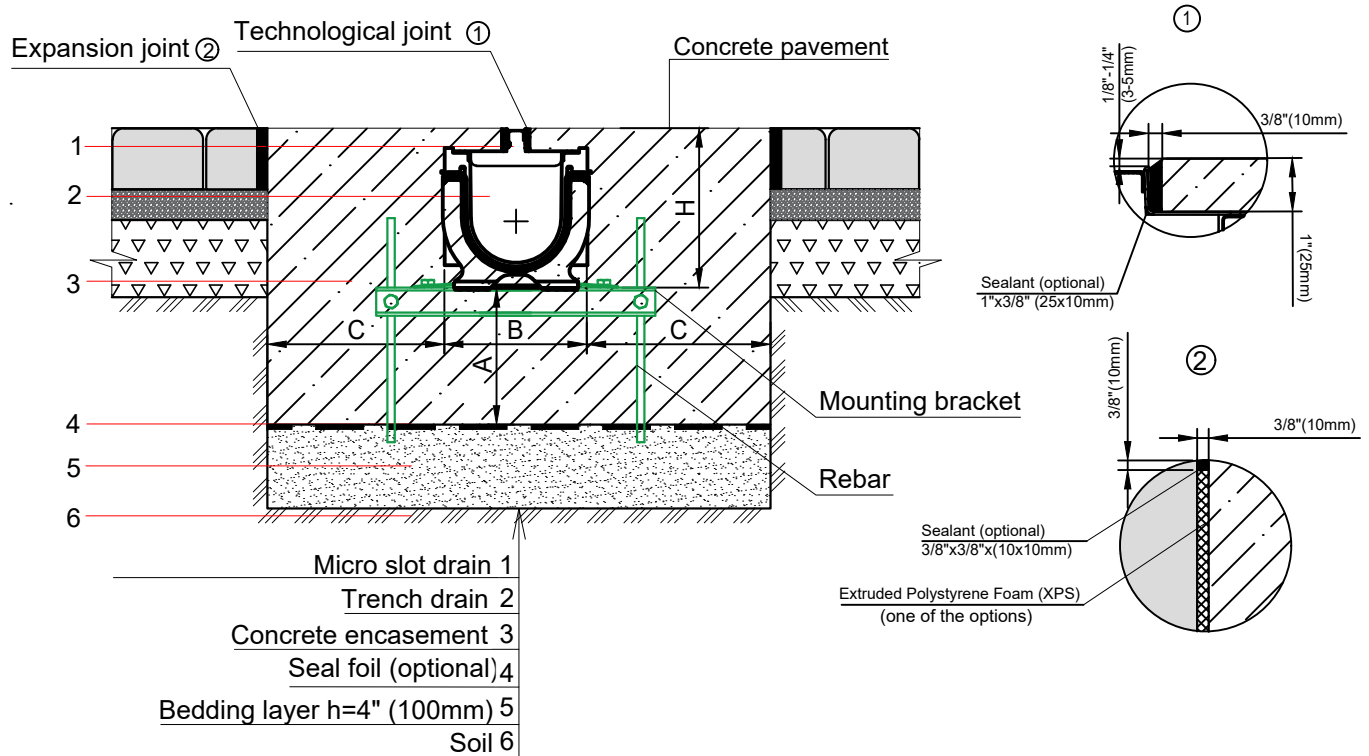


Installation of Base series channels with a hydraulic cross-section 4"/ 6"/8" (100/150/200 mm) with Micro slotted grate into a concrete pavement



Recommended parameters of the Concrete encasement

Parameter	Load class
	Class A
Concrete encasement depth (A), in	4"(100mm)
Concrete encasement width (C), in	4"(100mm)
Concrete grade	C25/30

Notes

1. Drainage system should be installed in accordance with the manufacturer's instructions and recommendations.
2. The manufacturer's technical consultation may be required to determine the correct load class.
3. The scheme of installation of the drainage system is not normative, it is more of a recommendatory nature.
4. The finished level of the concrete clamp (or adjacent coating) should be 1/8-3/16 "(3-5 mm) above the top of the channel edge.
5. The poured concrete is used to arrange the concrete clamp and should be vibrated to remove air pockets.
6. The need for reinforcement of the concrete clamp should be determined on the basis of calculations based on the geological conditions of the construction site.
7. If the length of the drainage line exceeds 32.8 feet (10 m), it is necessary to provide transverse expansion joints in the construction of the concrete clamp.
8. To compensate for the temperature influence and deformation oscillations of the adjacent coating, it is recommended to arrange longitudinal temperature deformation seams; at a distance of 10-20 "(250-500 mm) from the edge of the drainage channel.
9. Technological seam can be made with a special polyurethane sealant, as shown in scheme 1.
10. Drainage lines, which are under intense dynamic loads, including from transverse impact of transport, it is recommended to arrange from blocks monolithic drainage with lack of bolt fastening.
11. Follow the updates to the instructions and recommendations in the website Vodaland.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

FINISH:

DEBURR AND
BREAK SHARP
EDGES

DO NOT SCALE DRAWING

REVISION

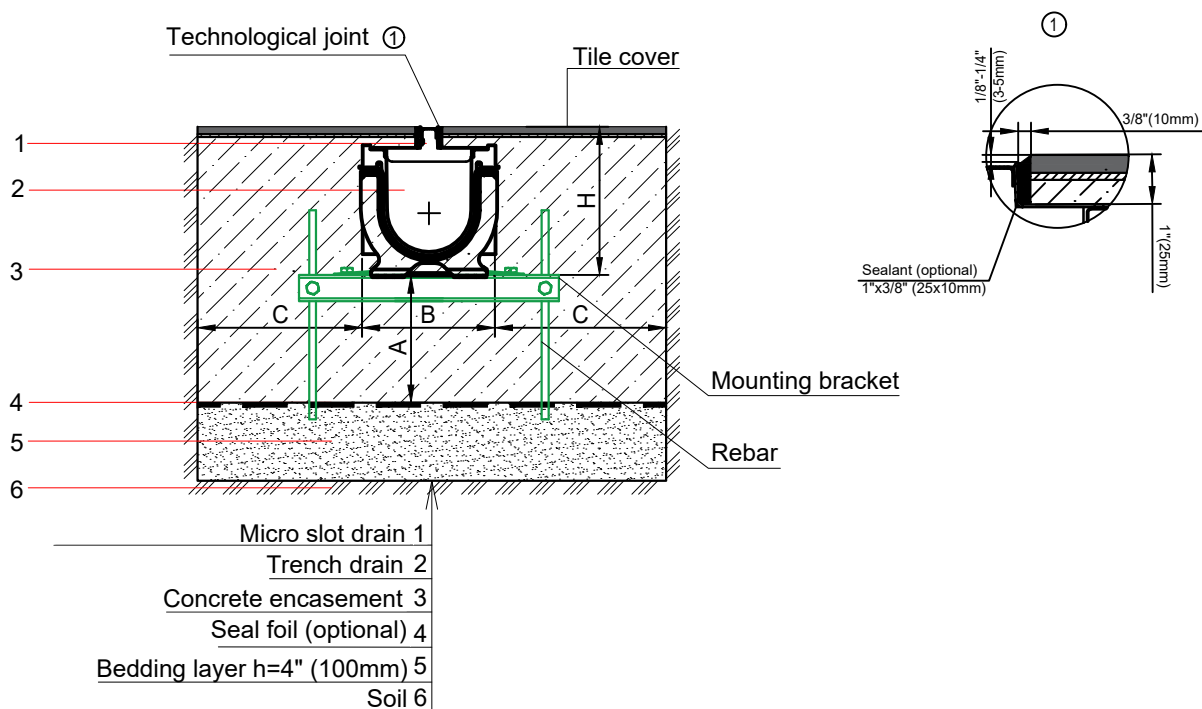


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TITLE:
**4"/6"/8" (100/150/200 mm) Base series
Channels with Micro into in
concrete pavement**

ARTICLE:	

**Installation of Base series channels with a hydraulic cross-section 4"/6"/8"
(100/150/200 mm) with Micro slotted grate into a tile cover**



Recommended parameters of the Concrete encasement

Parameter	Load class
	Class A
Concrete encasement depth (A), in	4"(100mm)
Concrete encasement width (C), in	4"(100mm)
Concrete grade	C25/30

Notes

1. Drainage system should be installed in accordance with the manufacturer's instructions and recommendations.
2. The manufacturer's technical consultation may be required to determine the correct load class.
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9. Technological seam can be made with a special polyurethane sealant, as shown in scheme 1.
10. Drainage lines, which are under intense dynamic loads, including from transverse impact of transport, it is recommended to arrange from blocks monolithic drainage with lack of bolt fastening.
11. Follow the updates to the instructions and recommendations in the website Vodaland.

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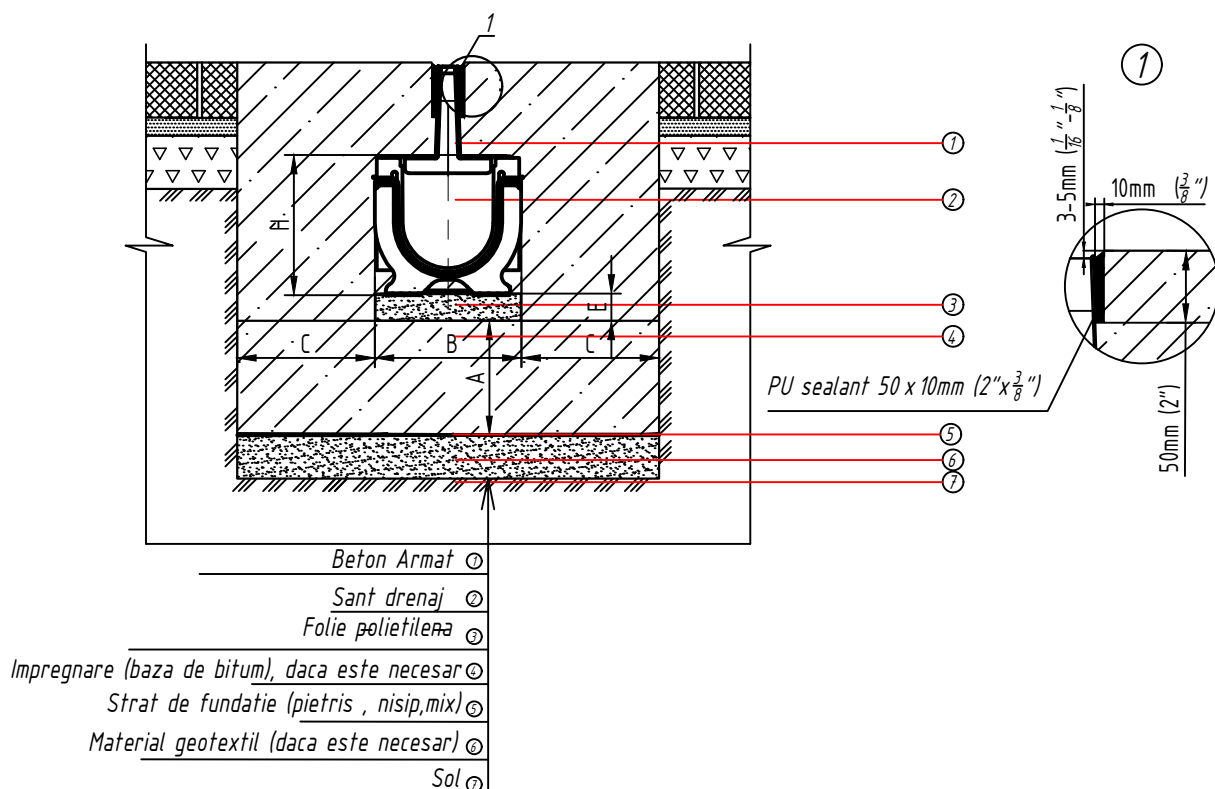
NAME	SIGNATURE	DATE			
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TITLE: **4"/6"/8" (100/150/200 mm) Base
series Channels with Micro slotted
grate Tile cover**

MATERIAL:	ARTICLE:

Schema de instalare a rigolei din seria Base cu grătar în fante

LN 100/150/200,



Parametrii recomandați pentru învelișul din beton

PARAMETRII	LOAD CLASS
	C
ADÂNCIME DE BETON (A), în (mm)	6"(150mm)
ADÂNCIME DE BETON (C), in (mm)	6"(150mm)
CALITATEA BETONULUI	C 20/25

Note:

1. Designul carcasei din beton este conform EN 1433.
2. Clasa de sarcina este in conformitate cu EN 1433.
3. În timpul realizării liniilor de rigole, se recomandă realizarea rosturilor de dilatare la fiecare 10 m (32,8').
4. Parametrii stratului de beton , armaturii trebuie calculati in functie de conditiile geologice
5. Modalitatea de instalare se poate viziona si pe site-ul nostru (Vodaland website).



TITLE:

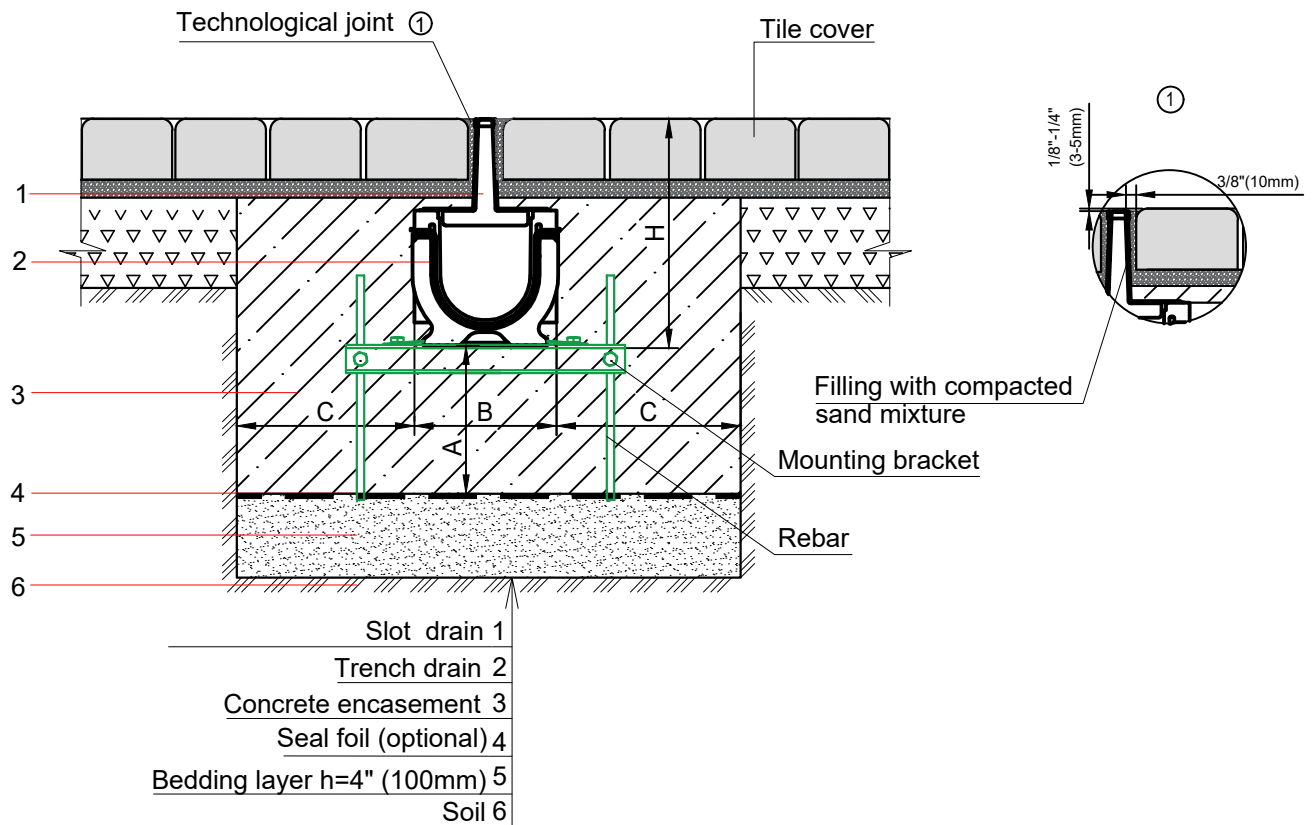
Schema de instalare a rigolei din seria
Base cu grătar în fante

ARTICLE:

MATERIAL:

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Installation of Base series channels with a hydraulic cross-section 4"/6"/8" (100/150/200 mm) with Standart slotted grate into a tile cover



Recommended parameters of the Concrete encasement

Parameter	Load class
	Class A
Concrete encasement depth (A), in	4"(100mm)
Concrete encasement width (C), in	4"(100mm)
Concrete grade	C20/25

Notes

1. Drainage system should be installed in accordance with the manufacturer's instructions and recommendations.
2. The manufacturer's technical consultation may be required to determine the correct load class.
3. The scheme of installation of the drainage system is not normative, it is more of a recommendatory nature.
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9. Technological seam can be made with a special polyurethane sealant, as shown in scheme 1.
10. Drainage lines, which are under intense dynamic loads, including from transverse impact of transport, it is recommended to arrange from blocks monolithic drainage with lack of bolt fastening.
11. Follow the updates to the instructions and recommendations in the website Vodaland.

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TITLE: 4"/6"/8" (100/150/200mm) Base series Channels with Standart slotted grate Tile cover

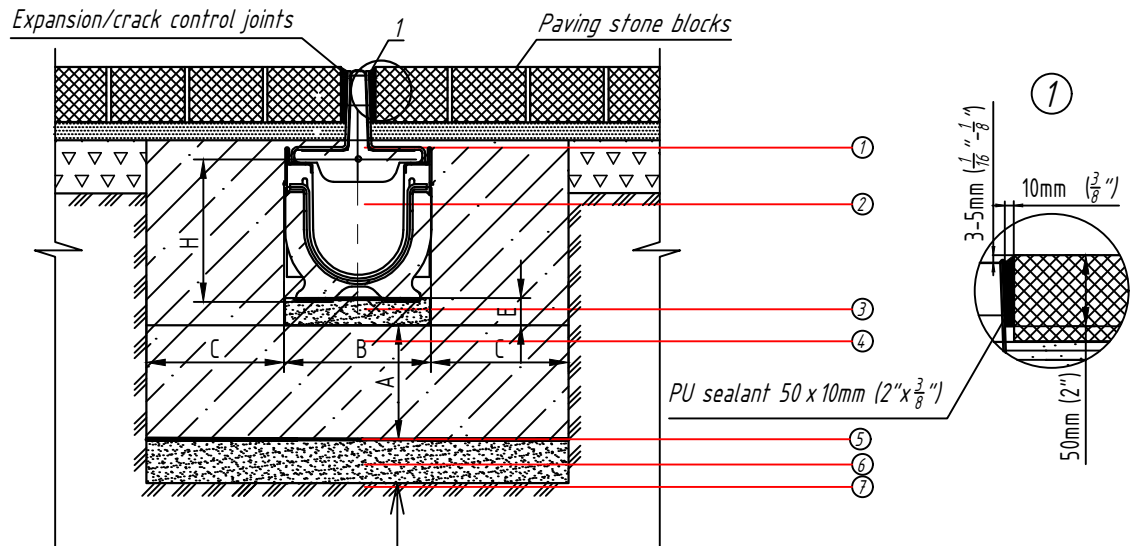
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Installation diagram Pro series trench drain with slotted grate T-configuration DN 100/150/

200, cover: paving stone blocks and sand



- Slot Drain T-configuration ①
- Trench drain ②
- Base Course 20-30mm ($\frac{3}{4}$ " - $1\frac{1}{4}$ ") ③
- Concrete encasement ④
- Vapour seal foil ⑤
- Sand/gravel mixture h=100mm (4") ⑥
- Bedding layer ⑦

Recommended parameters of the Concrete encasement

PARAMETER	LOAD CLASS
	A
CONCRETE ENCASEMENT DEPTH (A), in (mm)	4"(100mm)
CONCRETE ENCASEMENT WIDTH (C), in (mm)	4"(100mm)
GRADE OF CONCRETE	C 20/25

Notes:

- Concrete housing design is according to EN 1433.
- Load class is according to EN 1433.
- Sealing diagram may vary according to trench drain and installation type.
- During trench drain lines development it is recommended to make expansion joints every 10m (32.8').
- Parameters of underlying surface, concrete housing, reinforcement should be calculated according to geological conditions.
- Installation diagram is an intrinsic part of the Installation Manual (Vodaland website).

UNLESS OTHERWISE SPECIFIED:
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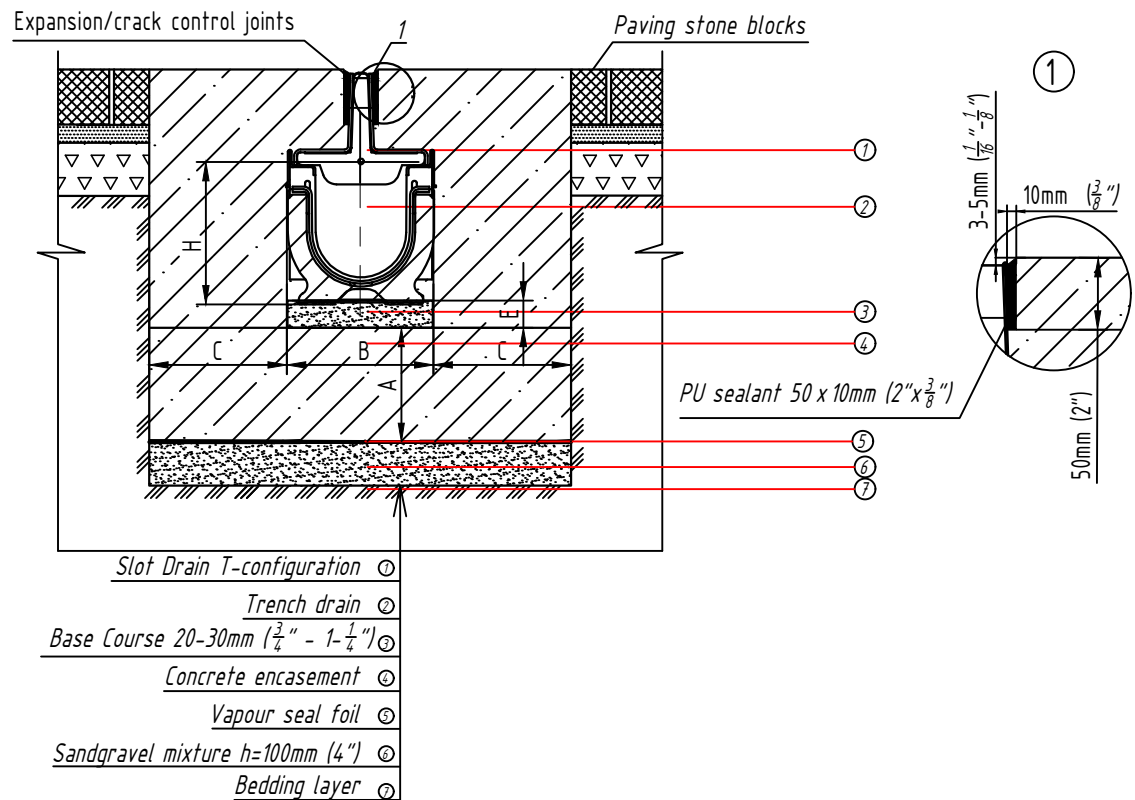


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TITLE:	Installation diagram of Pro series trench drain with slotted grate T-configuration DN 100/150/200, cover: paving stone blocks and sand
ARTICLE:	

Installation diagram of PolyMax Drive series trench drain with slotted grate T-configuration

DN 200, cover: concrete



Recommended parameters of the Concrete encasement

PARAMETER	LOAD CLASS
	C
CONCRETE ENCASEMENT DEPTH (A), in (mm)	8"(200mm)
CONCRETE ENCASEMENT WIDTH (C), in (mm)	8"(200mm)
GRADE OF CONCRETE	C 30/37

Notes:

- Concrete housing design is according to EN 1433.
- Load class is according to EN 1433.
- Sealing diagram may vary according to trench drain and installation type.
- During trench drain lines development it is recommended to make expansion joints every 10m (32.8').
- Parameters of underlying surface, concrete housing, reinforcement should be calculated according to geological conditions.
- Installation diagram is an intrinsic part of the Installation Manual (Vodaland website).

UNLESS OTHERWISE SPECIFIED:
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NAME	SIGNATURE	DATE			
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TITLE:	Installation diagram of Pro series trench drain with slotted grate T-configuration DN 200, cover: concrete
ARTICLE:	