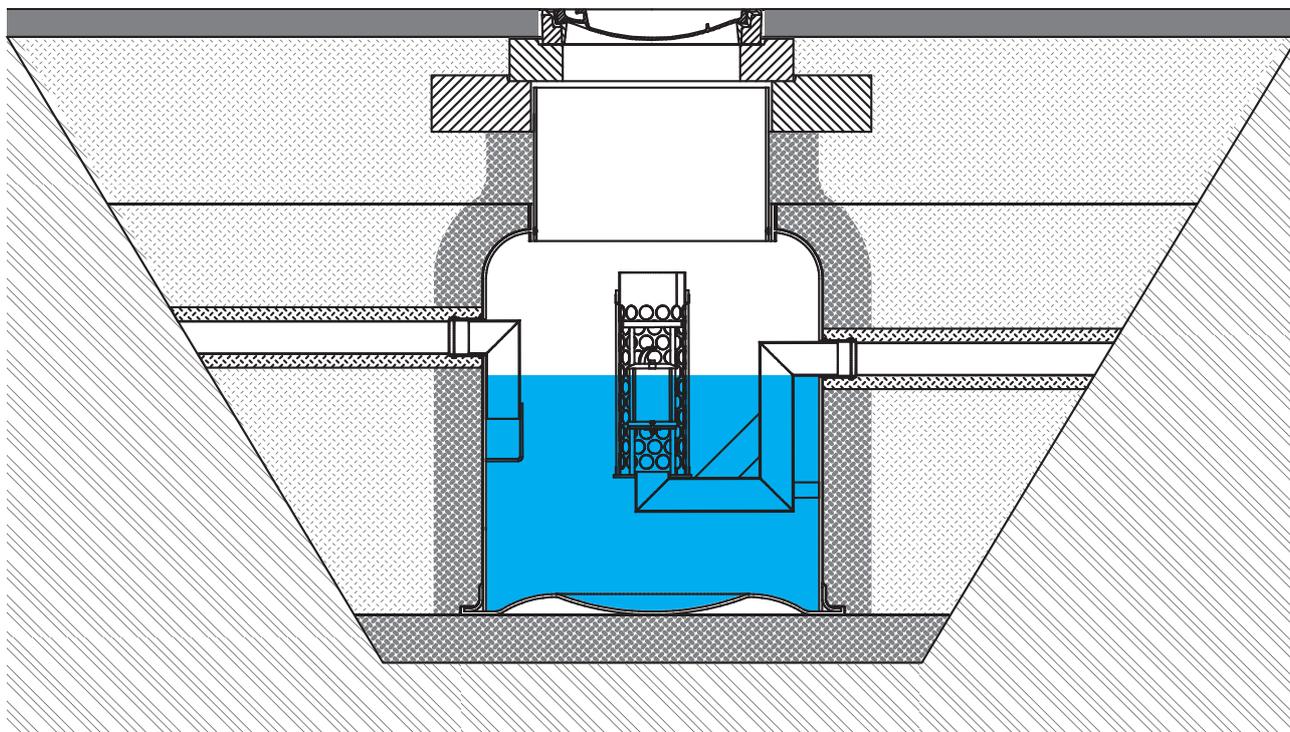


*Installation manual*

**ACO Oleopator G & ACO Oleopator-Bypass G**



## CONTENT



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### Note:

Read this manual before installing the Oleopator G & Oleopator-Bypass G. This manual is for the ACO prefabricated light oil separator Oleopator G & Oleopator-Bypass G.

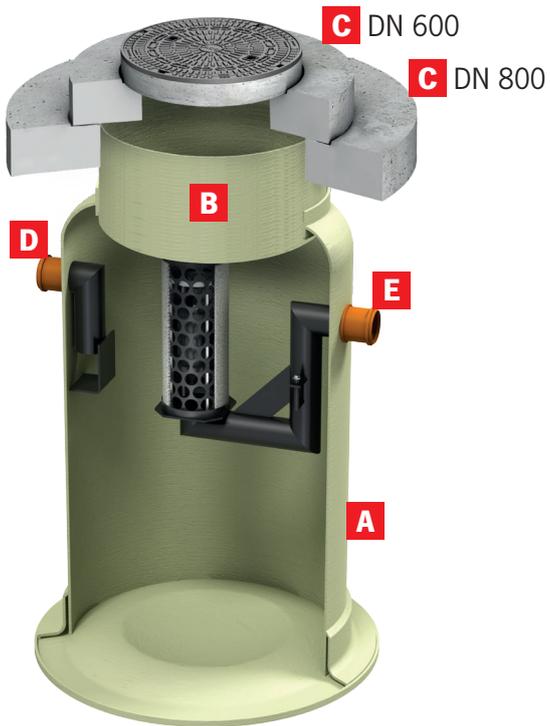
This manual should be used when installing the Oleopator G & Oleopator-Bypass G. This manual should be kept available at the workplace / installation site. Installation of the Oleopator G & Oleopator-Bypass G must be performed by qualified installers.

Provisions under applicable laws should be followed in order to prevent accidents and protect the environment.

### Terms and Conditions:

Any change or alteration made to the Oleopator G & Oleopator-Bypass G by the consumer without ACO's specific approval will void all warranty obligations.

## STRUCTURES AND COMPONENTS

**ACO Oleopator G**  
**ACO Oleopator-Bypass G**  
**D 400**

- A Grease Separator (bottom part)
- B Extension shaft
- C ACO Cover D 400 and concrete ring
- D Inlet
- E Outlet

## INSTALLATION IN GENERAL

### Application

OLEOPATOR G & OLEOPASS G are designed to treat oily wastewater and storm water where high requirements are placed on degree of purification.

Use of this oil separator for other purposes is prohibited.

The manufacturer is not liable for any damages caused by misuse.

Responsibility falls entirely up on the operator.

Use of these light oil separators for any other purposes is prohibited.

The manufacturer is not liable for any damages caused by misuse.

Responsibility falls enrely upon the operator.

### Terms and Conditions:

- Compliance with national laws and regulations;
- Compliance with all inspection and service instructions;
- Adhere to the manufacturer's installation, operation and maintenance instructions.

### Staff

Personnel who perform the installation, operation, maintenance and servicing of this light oil separators must possess the training needed to do these tasks and must understand the contents of this manual.

### Journal

A record shall be established and include the following:

- Checks carried out by operaonal staff;
- Service and test reports;
- Any breakdowns and repairs.

### Technical Amendments

ACO reserves the right to make ongoing technical modifications which may result in differences between published text and/or images, and the product.

### Product Descripon

The light oil separator Oleopator G & Oleopass G are designed for installation in the ground.

The Oleopator G & Oleopass G come with an integrated sludge trap, inlet and outlet connections, an extension neck made of PE HD.

### Function

The Oleopator G & Oleopass G light oil separators work on the gravimetric principle. Sludge and heavier particles sink to the bottom, while light oil which is lighter than water rises to the surface. Treated water flows out.

### Flexible application

(according to EN 124)

#### ▪ Load class

#### **D 400**

Carriageways of roads and areas open to commercial vehicles

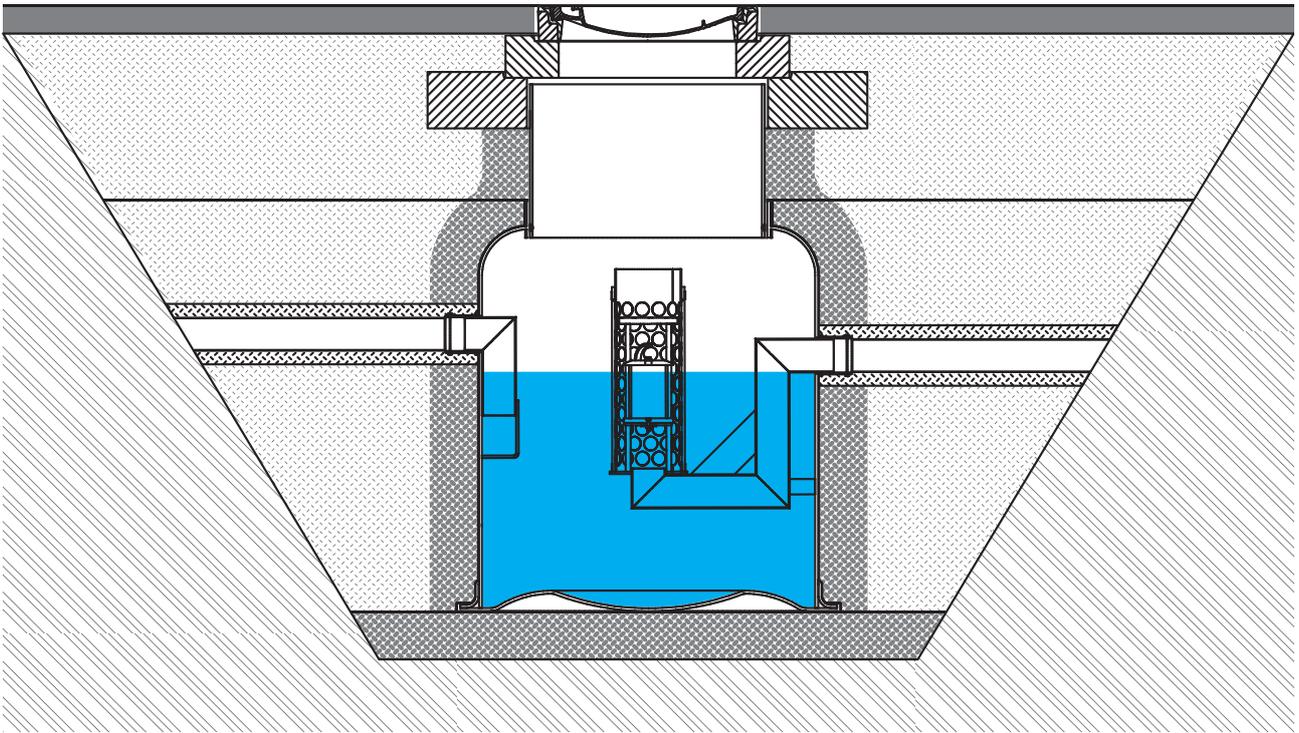
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### Load class

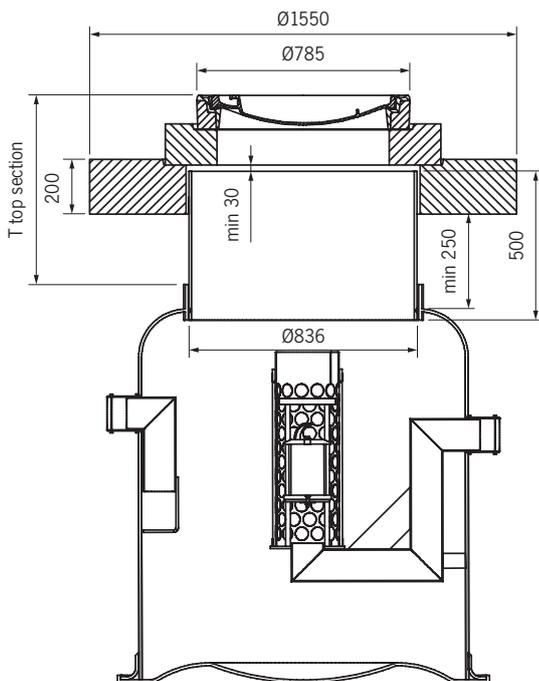


**D 400**

STRUCTURE - D 400



DIMENSIONS - D 400



SIZE	D 400 - T top section
Short	735

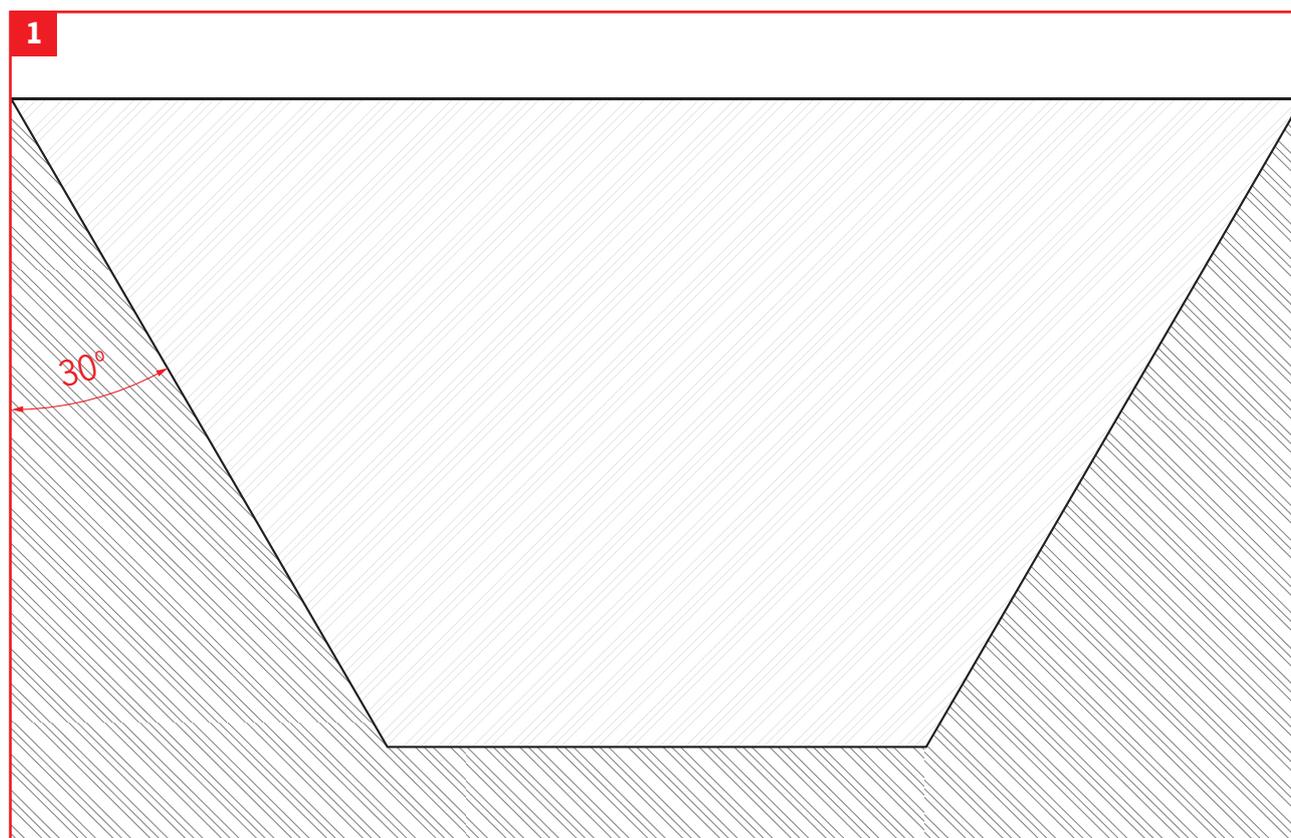


## LEGEND

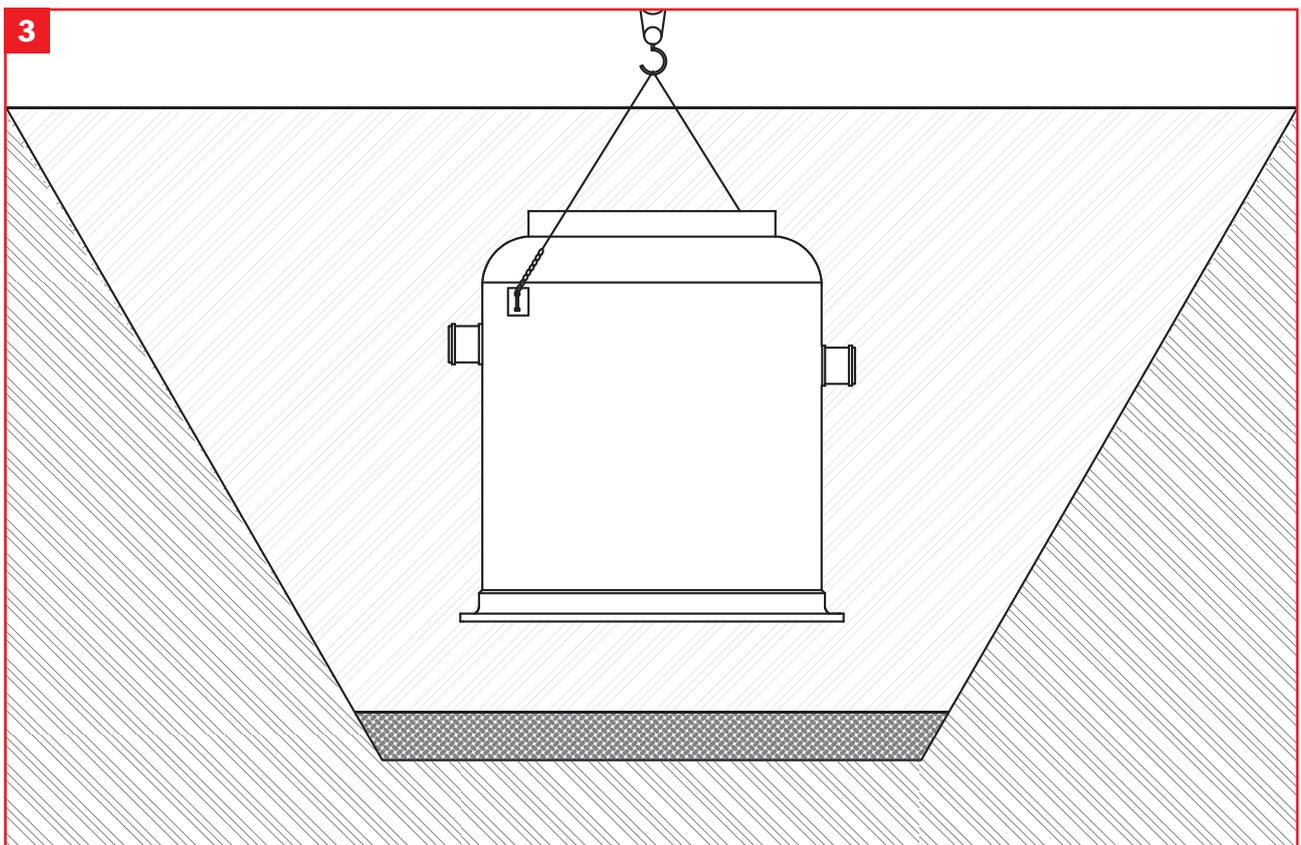
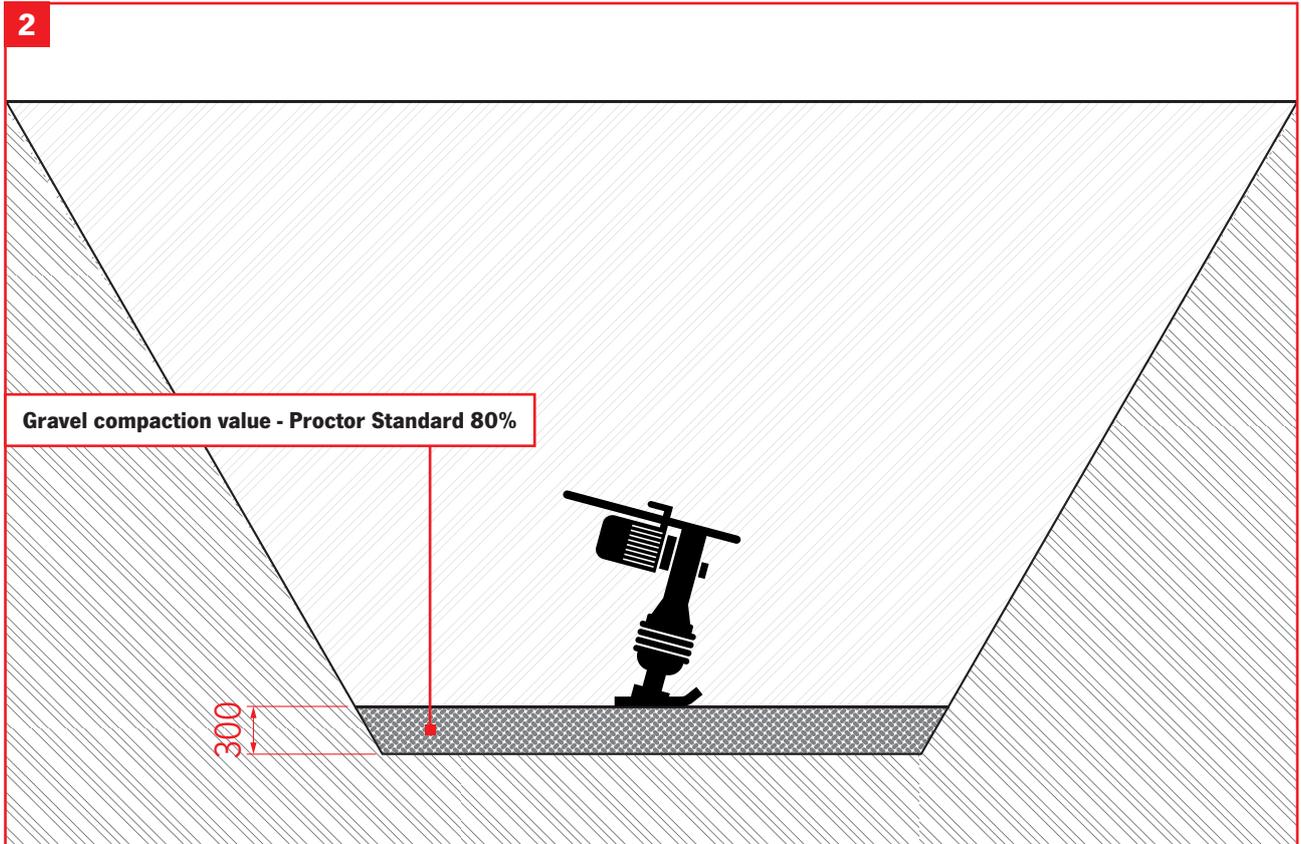
LEGEND - LAYERS	
	Soil
	Compacted soil
	Gravel 2 - 8 mm
	Gravel 8 - 16 mm
	Sand
	Water
	Final surface

SAND / GRAVEL 8-16 mm			
Table CE/3 Packing Tool	Layer Thickness	Passes / Layers	
 Hand stamp min. 15 kg	150 mm	4	
 Vibrator stamp 70 kg	300 mm	4	
Vibrator flat 100 kg	150 mm	6	

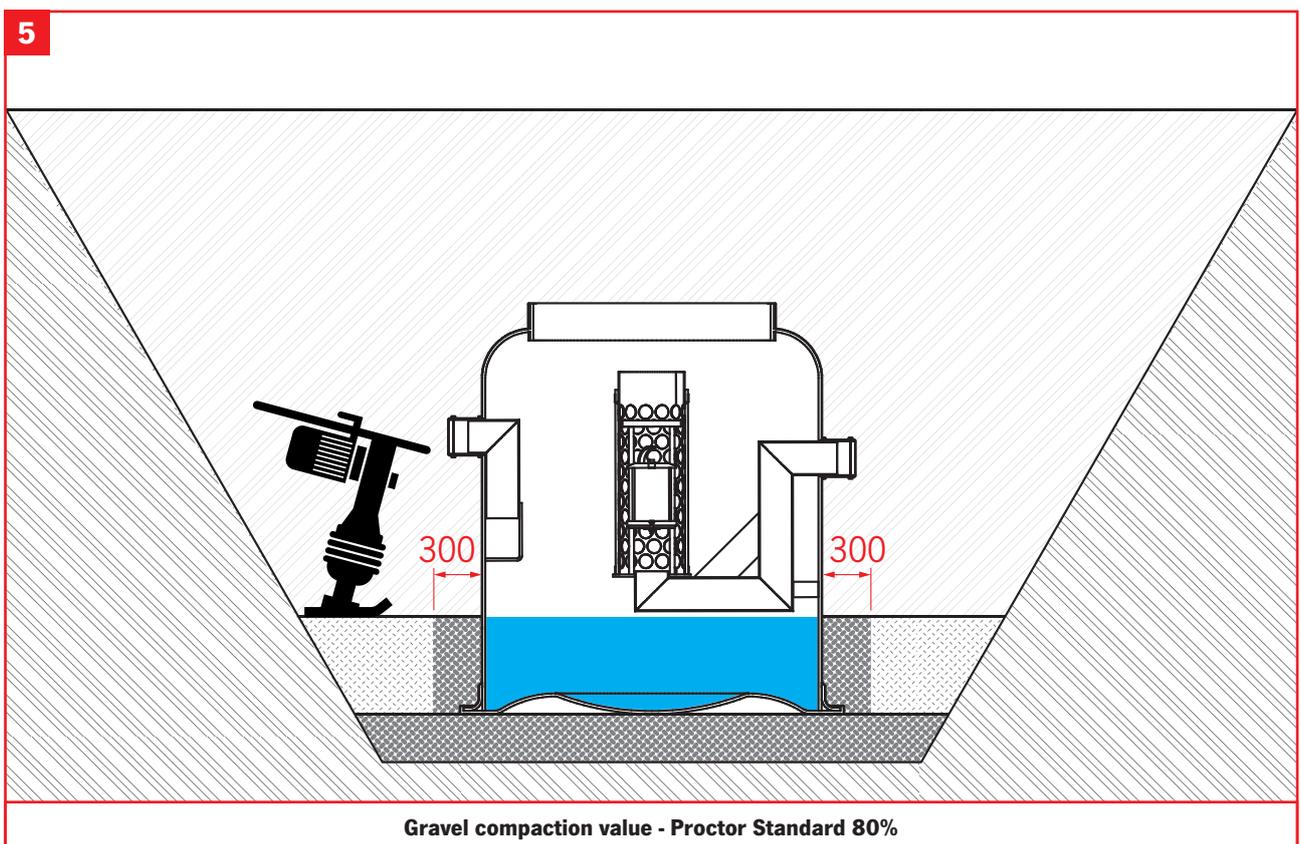
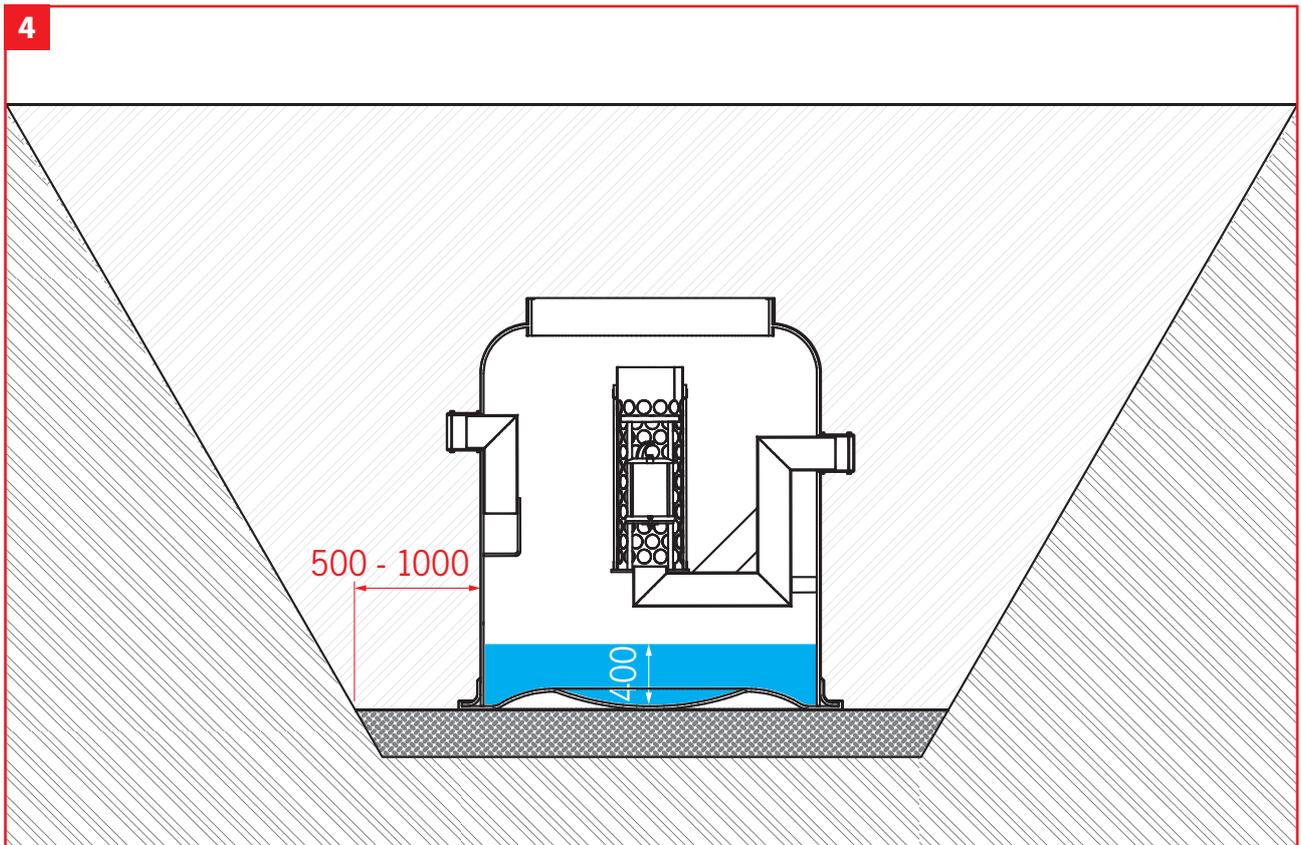
## TANK INSTALLATION

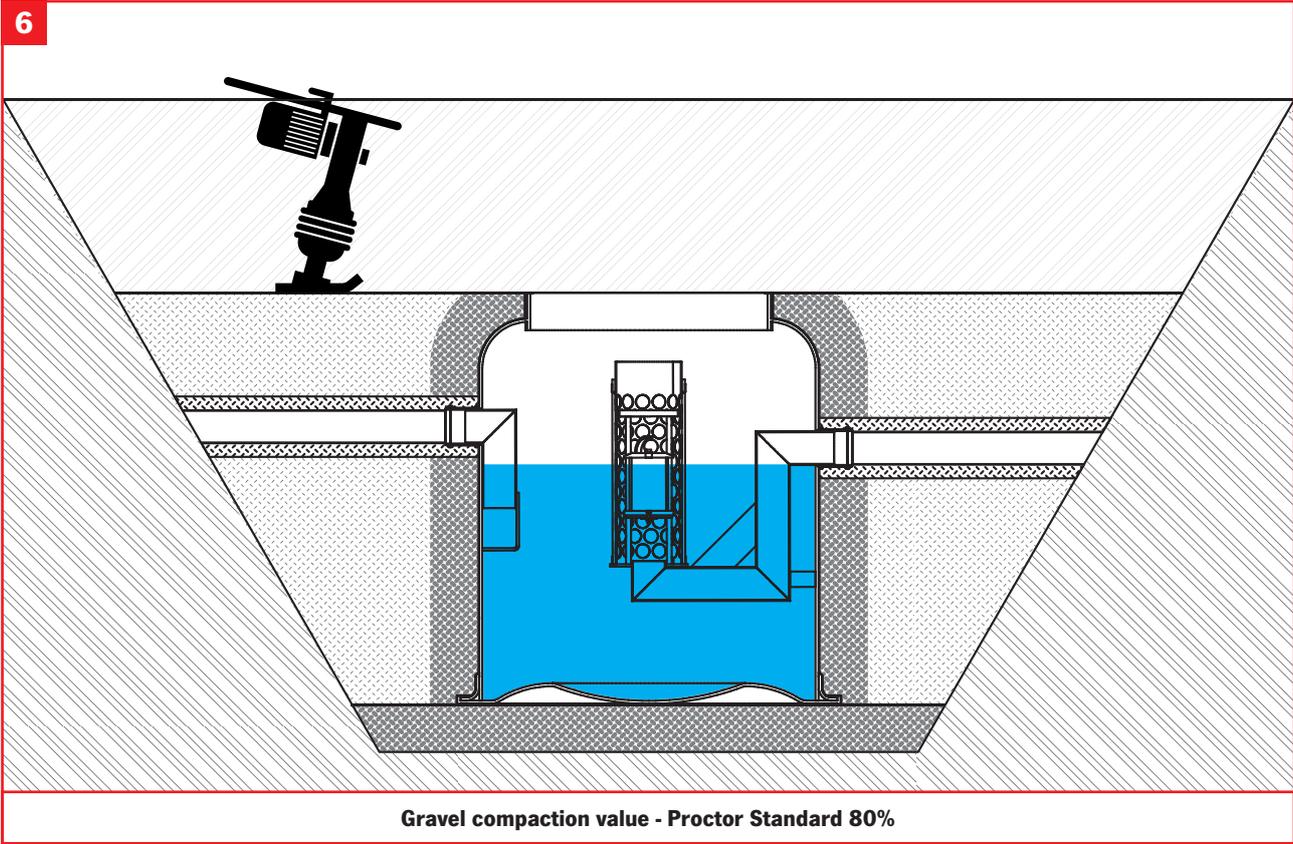


## TANK INSTALLATION



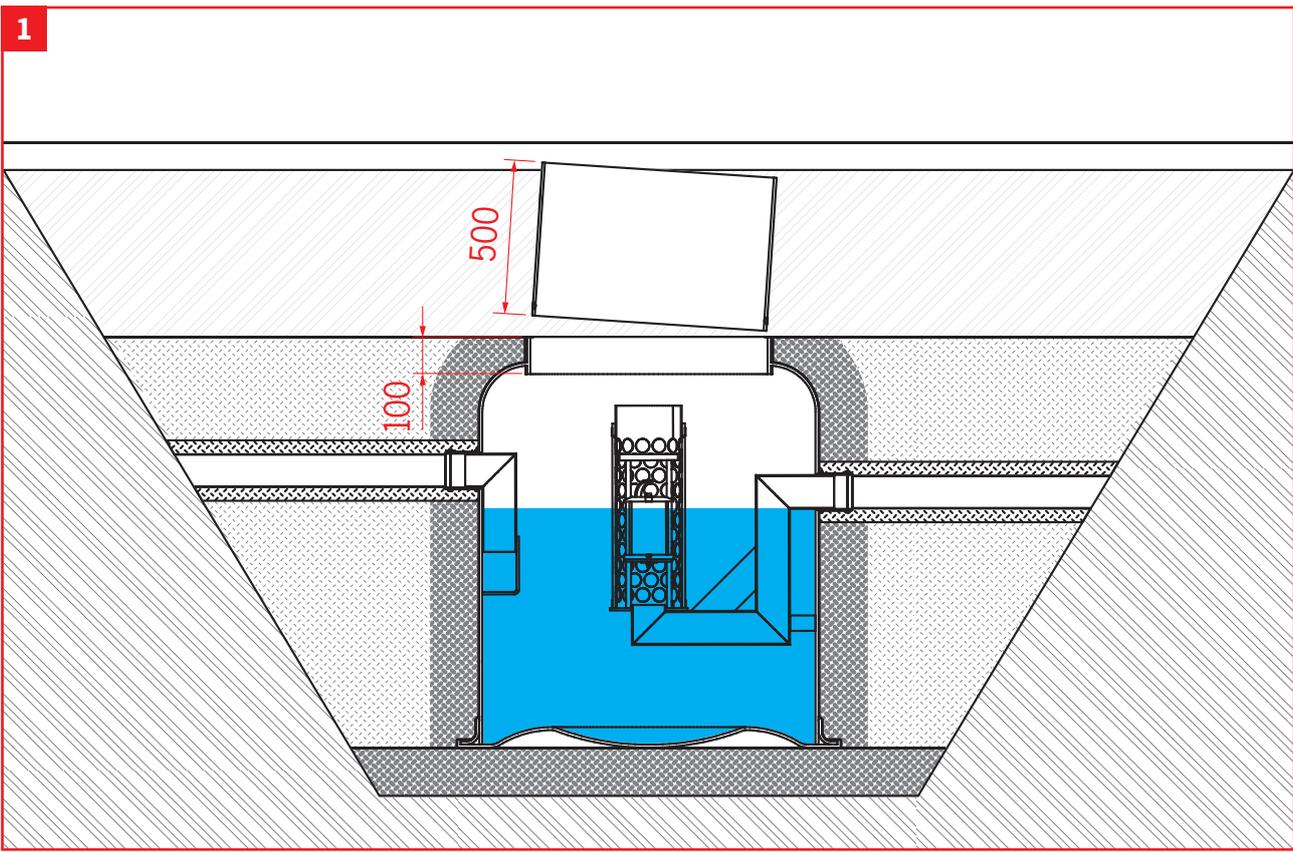
## TANK INSTALLATION



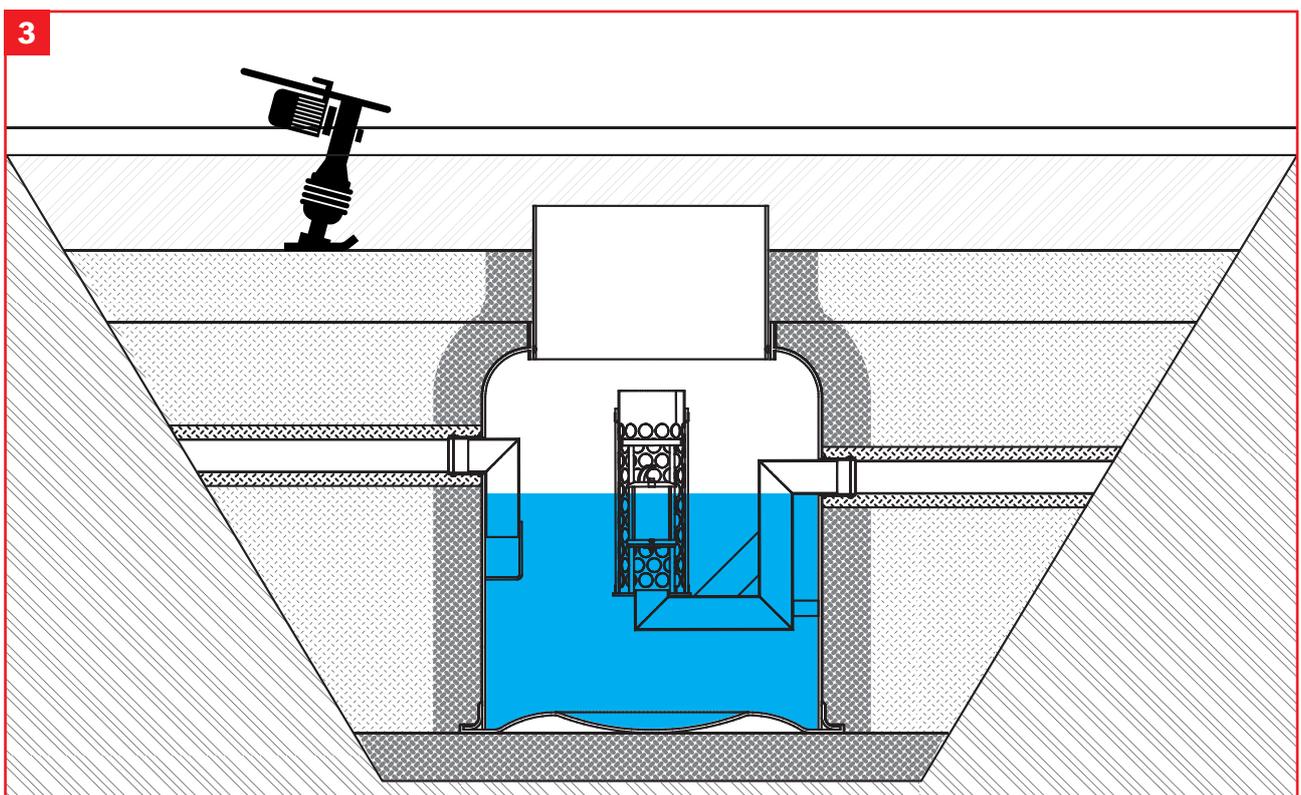
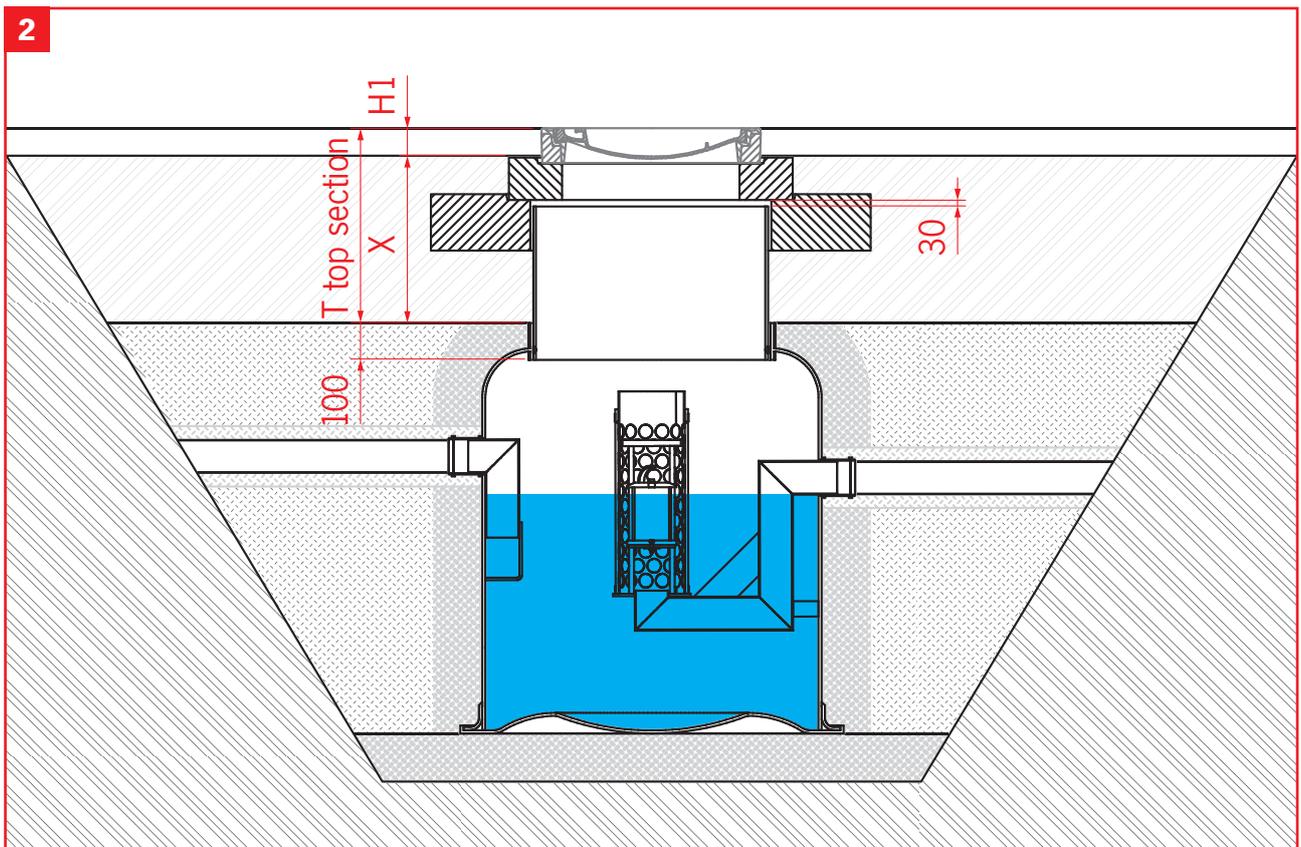


-  Final surface
-  Water
-  Sand
-  Gravel 8 - 16 mm
-  Gravel 2 - 8 mm
-  Compacted soil
-  Soil

TOP SECTION INSTALLATION

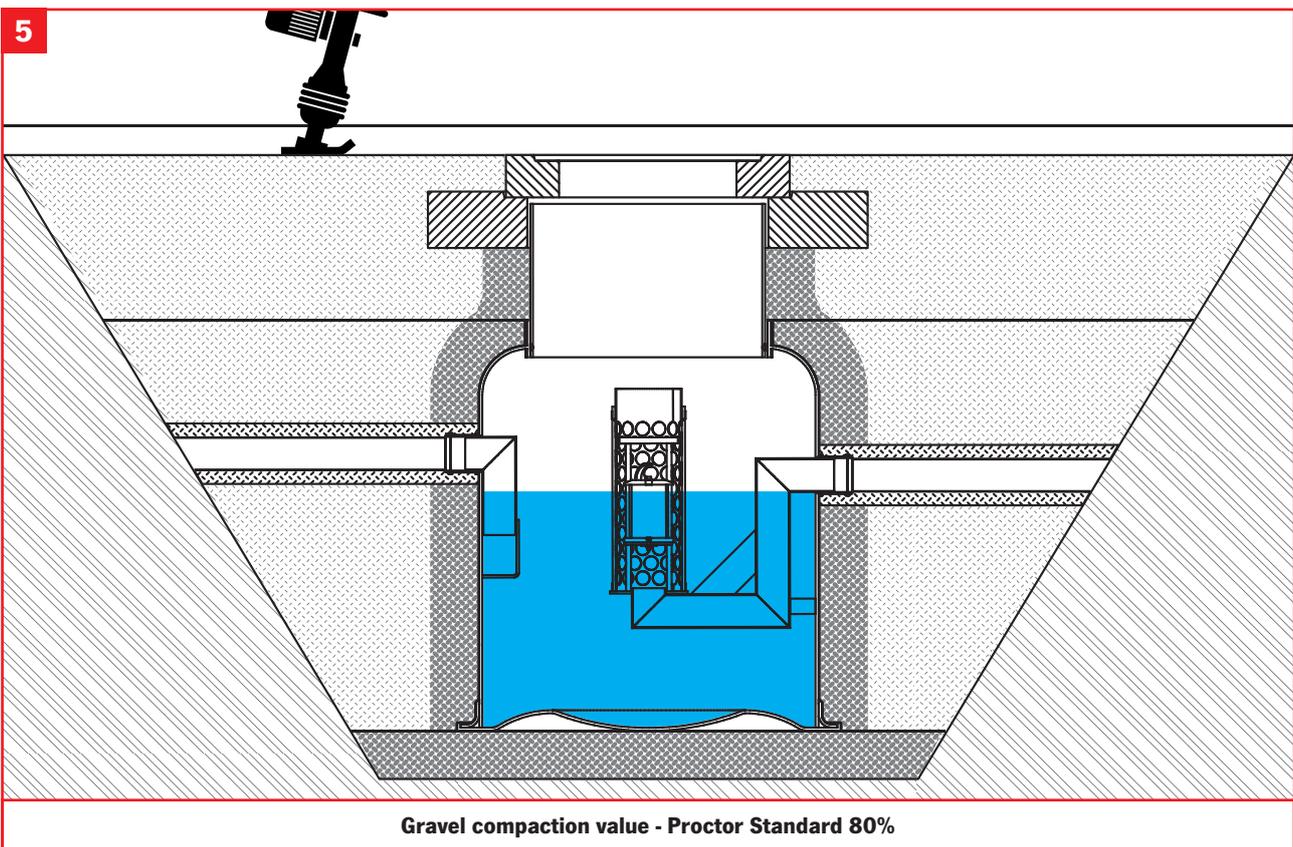
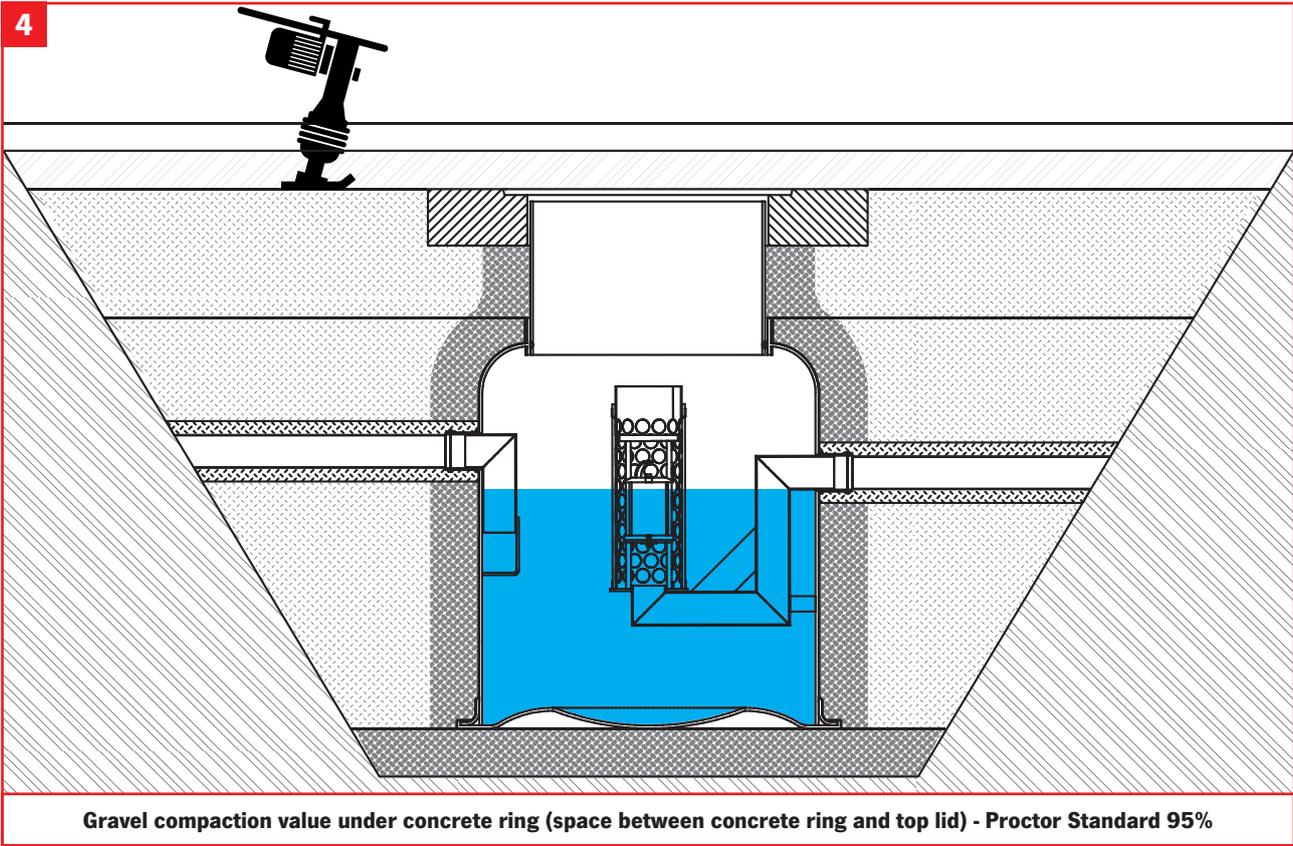


## TOP SECTION INSTALLATION

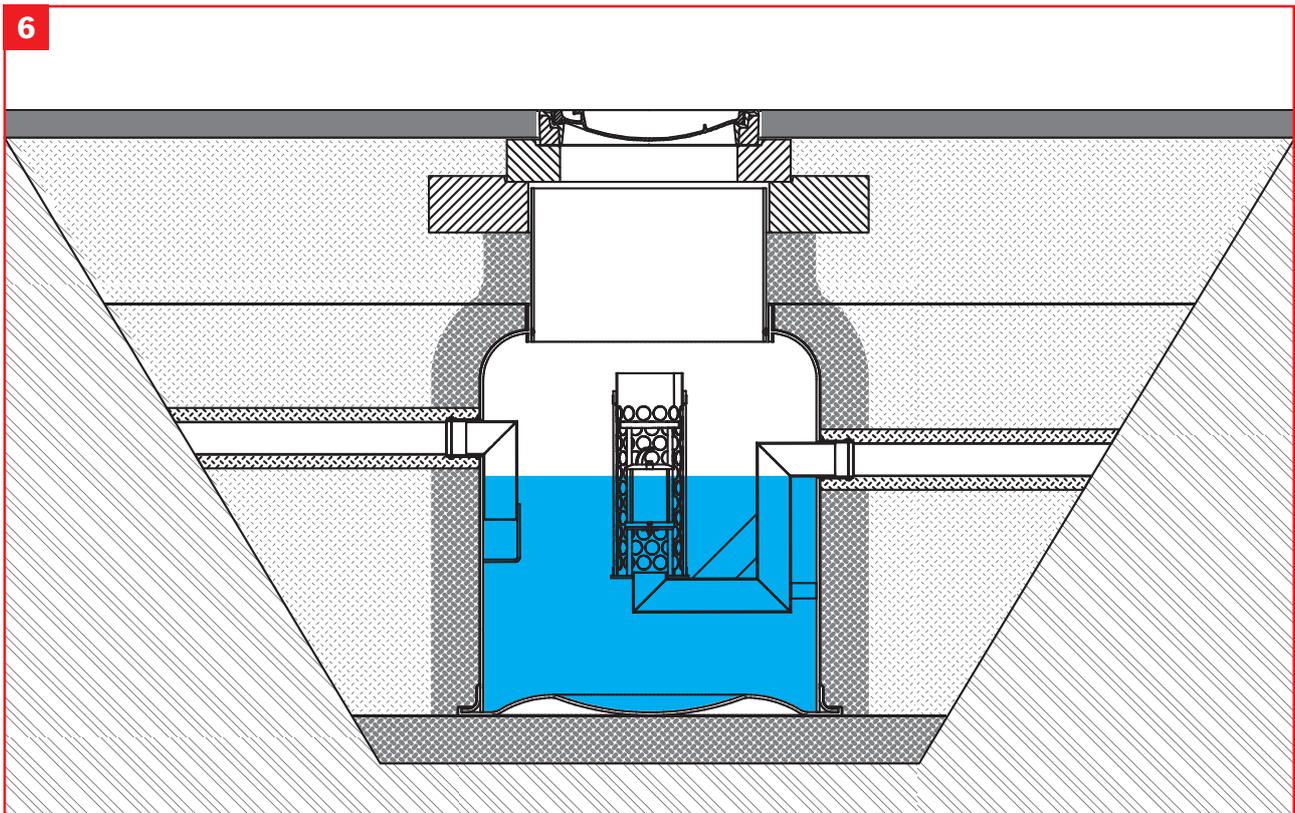


Gravel compaction value under concrete ring (space between concrete ring and top lid) - Proctor Standard 95%





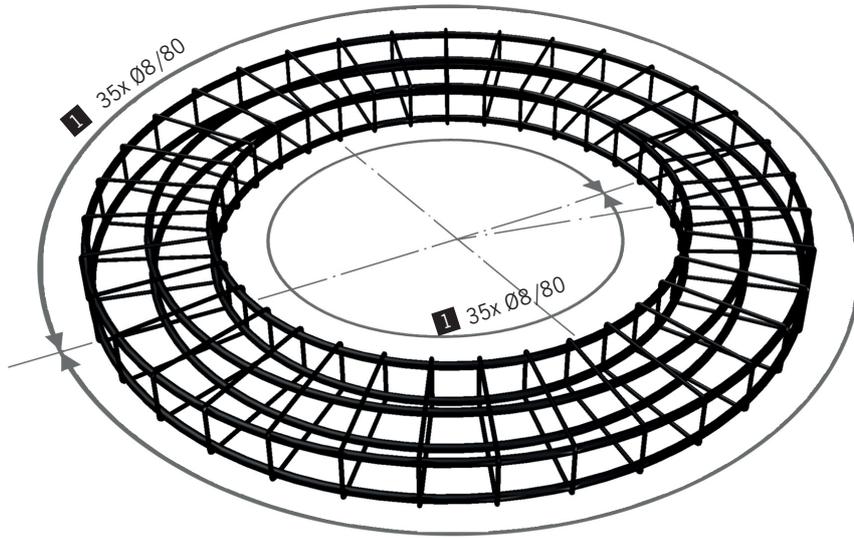
## TOP SECTION INSTALLATION



ADJUSTABLE CONCRETE RING - D 400 | Ø1550 / 850 x 200

1

REINFORCEMENT PLAN



APPLICATION

If a load distribution plate has to be provided locally, the following notes have to be observed:

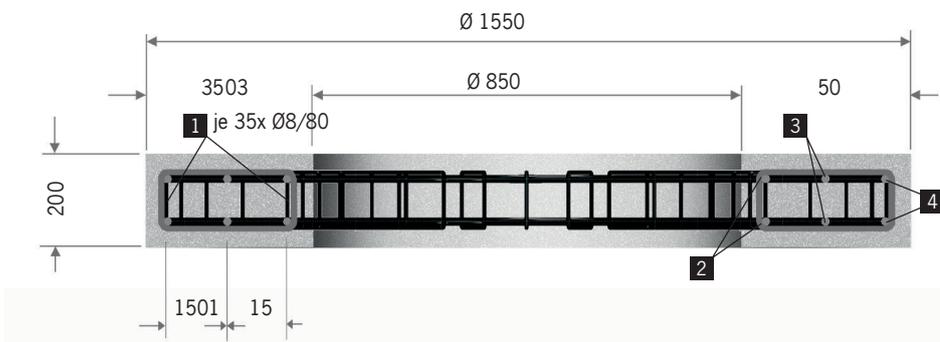
WELDED CONNECTION

Caution!

Welded connections may only be carried out at upper reinforcement. For all welded connections, DIN 1045-1 para 9.2.2 applies (particularly table 12 lines 3 and 7).

2

CROSS-SECTION Ø1550 / 850 x 200



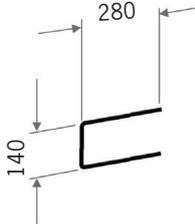
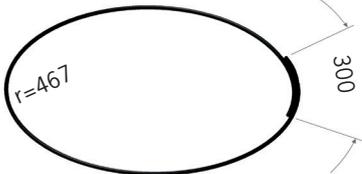
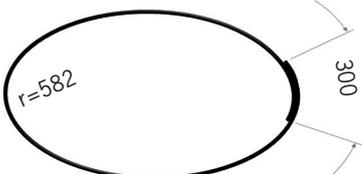
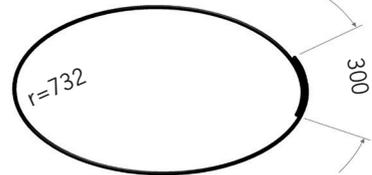
LOAD DISTRIBUTION PLATE  
Ø1550 / 850 x 200

Exposure: **SLW 60** as per **DIN 1072**  
Concrete: **C 35/45**  
Concrete steel: **BSt 500 / 550 (A)**  
Concrete cover: **nom c=30mm**  
Exp. classes: **XC2; XF2; XA2**

-  Final surface
-  Water
-  Sand
-  Gravel 8 - 16 mm
-  Gravel 2 - 8 mm
-  Compacted soil
-  Soil



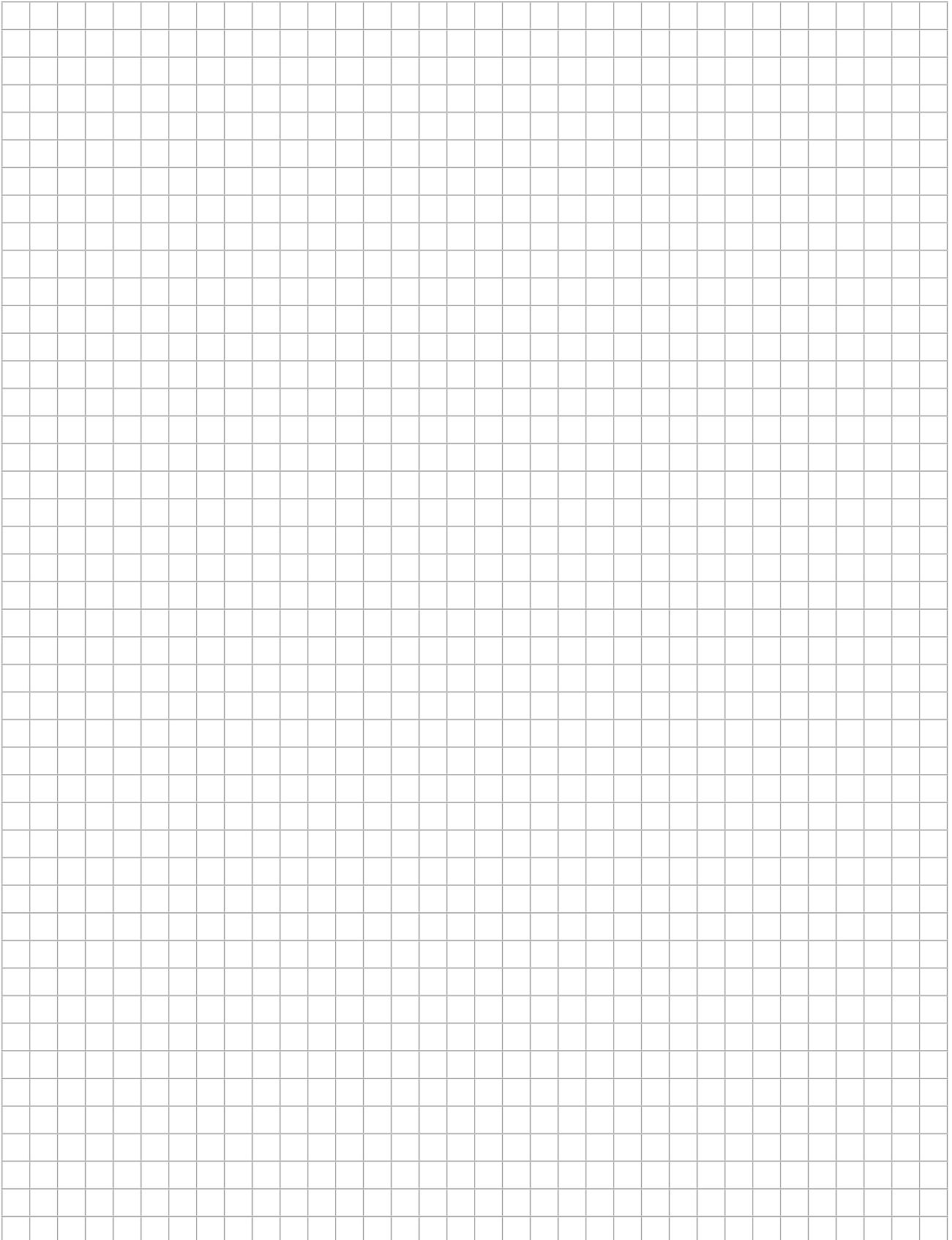
ADJUSTABLE CONCRETE RING - D 400 | Ø1550 / 650 x 200 | Ø1550 / 850 x 200

ITEM NO.	QUANTITY	Ø	LENGTH	TOTAL LENGTH [m]	d <sub>Br</sub> /d <sub>s</sub>	EXTERNAL DIMENSIONS AND INSIDE RADIUS IN (MM) DEFLECTION AS PER SIA 162/DIN 1045
1	70	8	0,70	49,0	4	
2	2	8	3,23	6,46		
3	2	8	3,95	7,90		
4	2	8	4,90	9,80		

Total length: Σ Ø - 73.16 m; total weight: 28.9 kg



## NOTES



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**ACO. The future of drainage**

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