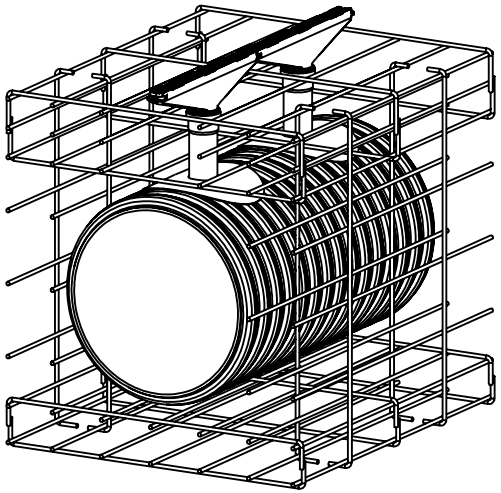
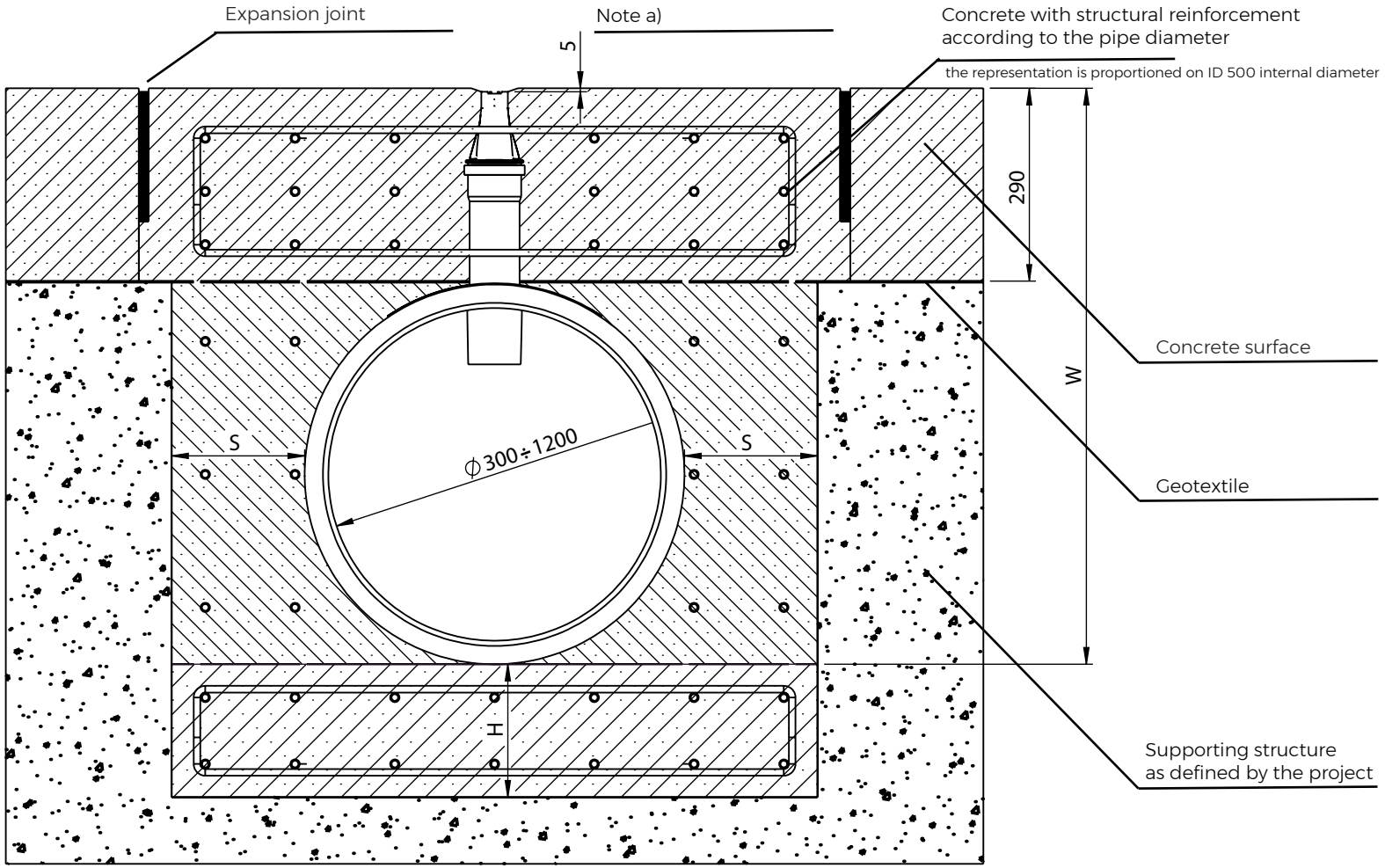
Installation Example in Class F900 with high dynamic loads (airports, ports, management areas with heavy vehicles such as forklift trucks, container picking, etc.) otherwise it is possible to reduce the reinforcement until it is replaced with fiber-reinforced concrete.

Cubic representation





W = **height of concrete laying flanking 290 mm + OD Pipe external diameter**

To avoid floating, flank with layered concrete, make the most of the rebar if there is or if not, fix the pipe in the underlying concrete and use suitable tools and techniques

SUMMARY TABLE

Load class (EN 1433)		A 15	B 125	C 250	D 400	E 600	F 900
Applicable load (EN 1433)	kN						900
Minimum height H of concrete laying bed	mm						250
Minimum thickness S of the concrete flanking	mm						250
Concrete compression strength class (EN 206-1)							C 35/45
Class of concrete compression resistence (EN 206-1) *in case of concrete exposed to freeze / thaw cycles.*							C 40/50 XF4

UTube Ø 300÷1200ID with welded coupling = F900 EN1433-Type M

code 5000XX

Data: 03.11.2022 Rev: 00

Notes

a) The depth of the final surface must exceed the grating edge of about 3/5 mm.
b) In case of concrete paving, in order to absorb the horizontal expansion forces it is advisable to provide expansion joints in both directions.
c) It is recommended to use concrete with Class of Consistency S4 (EN 206-1) and stone aggregates with maximum diameter of 8mm.

In case of very intense and frequent stresses, support the concrete casting around the UTube cone with an electrically welded mesh and / or steel rods.

The installation instructions and the relative example drawings are provided as an indication and do not take into account any specific characteristics of the place of installation, the particularities of the ground, the morphology and the position of any slopes. For particular installation methods, the indications must be provided by the technician in charge.

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