



SEWAGE MANHOLES

DN 800 and DN 1000

for energy loss (dampening) and expansion

MATERIAL

- polyethylene

TYPES:

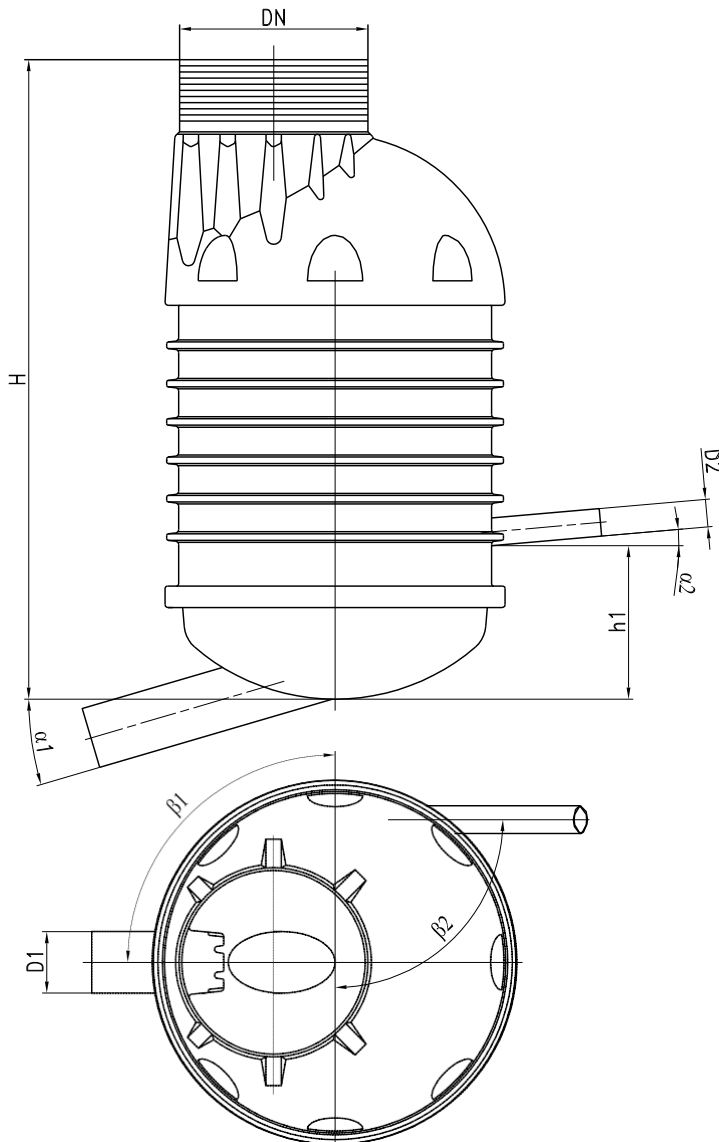
- with spherical
- bottom and a deflector

PURPOSE

- external gravity sewer systems, especially for terrain with high slope (e.g. mountainous regions)

VALUES

- do not require deep excavations
- reduction of wells as compared with cascade wells
- low weight of elements
- high mechanical durability
- flexibility
- resistance to chemical corrosion
- very high resistance to aggressive sewage, aggressive or contaminated ground water and contaminated soil
- 100% tightness, non-toxic for the environment, do not emit any substances during the operation
- highest resistance to abrasion (many times higher than the resistance of concrete, GRP, PVC)
- low investment cost
- and easy assembly
- the wells can be installed without heavy equipment





The inlet is made of polyethylene pipe at the right side, tangentially to the well wall, the inlet is located centrally in the base with spherical bottom. Inlet and outlet (inlet and outlet spigot) can be adapted to work with PVC, PE, PP pipes or made in the version for connection of DN 160, DN 200 or DN 250 vitrified clay pipes.

Used on surfaces without high loads and road lanes

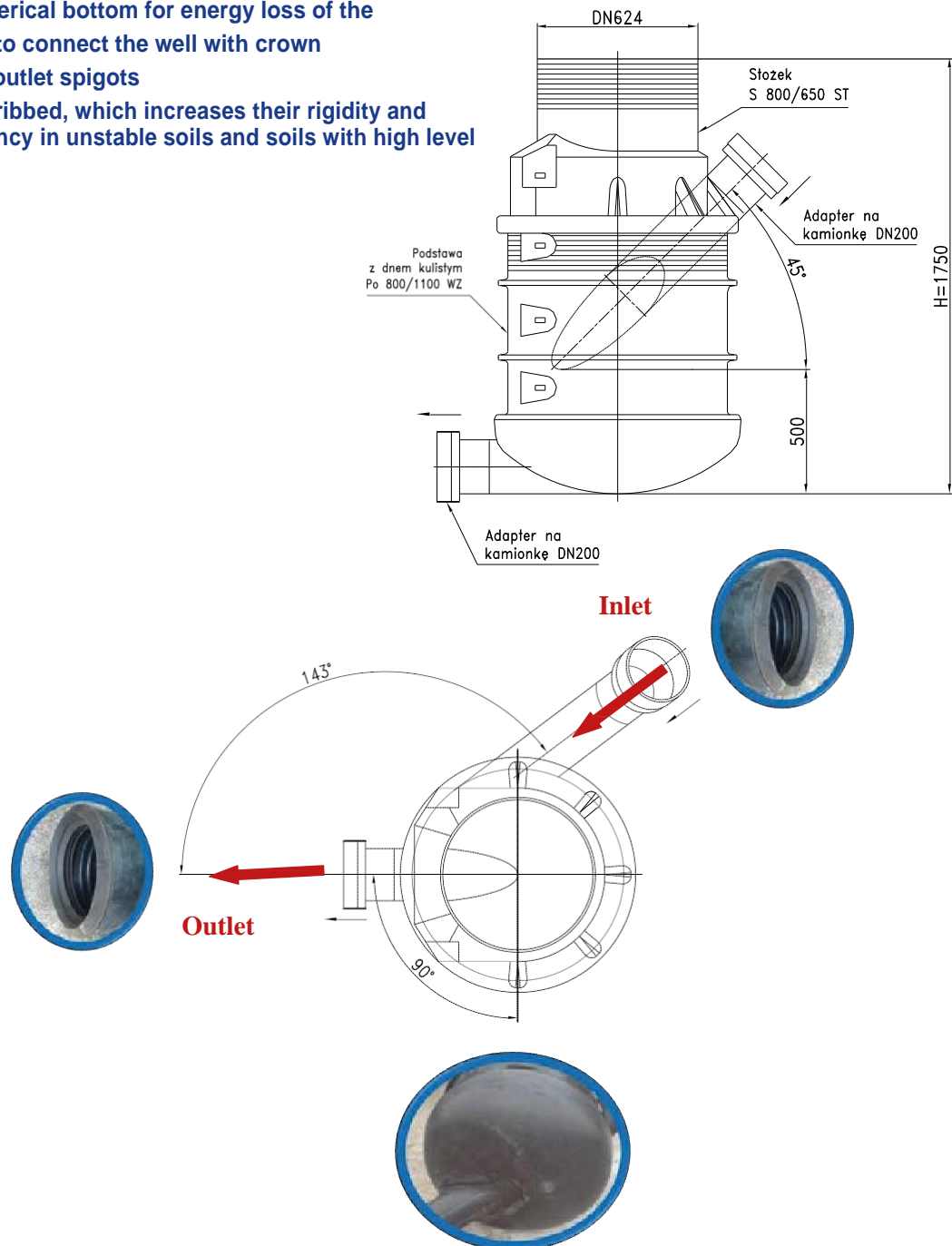
The sewage energy is lost in the wells, therefore its speed is reduced significantly.

The sewage is made whirling and oxidized during the drop from height, then the gases are diluted.

CONSTRUCTION

- The base with a spherical bottom for energy loss of the
- sewage, cone used to connect the well with crown
- elements, inlet and outlet spigots

The well elements are ribbed, which increases their rigidity and counteracts the buoyancy in unstable soils and soils with high level of ground water.



APPENDICES:

- Technical brochure EL-06
- Technical approval IBDiM AT/2007-02-2237/2
- Declaration of conformity
- GiG opinion that allows for the use of wells at the mining areas of damage