

STÁVAJÍCÍ KONSTRUKCE

Architectural floor plan of a mechanical room, likely a pump station or boiler room, showing equipment layout, dimensions, and structural details.

Room Dimensions:

- Overall width: 5.20
- Overall depth: 1.80
- Internal width (excluding walls): 4.40
- Internal depth (excluding walls): 1.60

Equipment and Components:

- Centrifugal Pumps:** Three pumps are shown, labeled with serial numbers č.1 , č.2 , and č.3 . Pumps č.1 and č.2 are connected to a **ROZVADĚČ** (distribution unit).
- Flow Pipes:**
 - DN 400 pipes connect the pumps to the distribution unit and the sump.
 - DN 350 pipes are shown for the sump and the right-hand pump.
- Structural Elements:**
 - LÁVKA** (Sump): Located at the bottom left, with a floor level of 681.90.
 - ŽEBŘÍK** (Ladder): Indicated by a dashed line and arrow pointing to the right side of the room.
 - ROZVADĚČ** (Distribution Unit): Located at the top right, with a floor level of 682.00.
- Structural Walls:** Walls are labeled **STÁVAJÍCÍ ŽB KONSTRUKCE** (Existing concrete structure).

Dimensions and Spacing:

- Horizontal spacing from left wall: 0.40, 0.80, 0.60.
- Vertical spacing from top wall: 0.40, 0.90, 0.40.
- Horizontal spacing from right wall: 0.60.
- Vertical spacing from bottom wall: 0.40, 3.04, 0.60.

Notes and Annotations:

- VĚTRÁNÍ DN125:** Ventilation opening at the top left.
- SÁNÍ ČERPAČÍ STANICE:** Suction of the pump station, indicated by a blue arrow pointing upwards.
- OSA PRÁVÉ VÝPUSTI DN500:** Right-hand outlet axis, DN500.
- OSA LEVÉ VÝPUSTI DN500:** Left-hand outlet axis, DN500.
- VÝVAR:** Overflow, located at the bottom right, with a floor level of 682.00.
- Grates:** Indicated by hatched patterns in the sump and near the distribution unit.