

[illegible]

10

1

2

1. FILTRACJI

14

15

4

do sieci wod.

do kanalizacji

73

76

108

137

170

242

260

282

II FILTRACJI

The diagram illustrates the layout of the second stage of wastewater treatment, featuring two parallel filter units. Key components and dimensions include:

- Filter Units:** Two identical units, each with a diameter of 100 units. The distance between the centers of the filter units is 170 units.
- Settling Tank (14):** A central settling tank with a diameter of 100 units. The distance from the center of the filter units to the center of the settling tank is 108 units.
- Pump (8):** A pump located at the bottom right, with a diameter of 60 units. The distance from the center of the filter units to the pump is 215 units.
- Dimensions:**
 - 73: Distance from the top of the filter units to the top of the settling tank.
 - 108: Distance from the center of the filter units to the center of the settling tank.
 - 137: Distance from the top of the filter units to the top of the pump.
 - 170: Distance between the centers of the filter units.
 - 215: Distance from the center of the filter units to the center of the pump.
 - 242: Distance from the top of the filter units to the bottom of the settling tank.
 - 260: Distance from the top of the filter units to the bottom of the pump.
- Flow and Connections:**
 - Influent (15):** Enters from the left, with a diameter of 15 units. It splits into two lines, each with a diameter of 100 units, leading to the filter units.
 - Backwashing (płukanie):** Enters from the right, with a diameter of 60 units. It splits into two lines, each with a diameter of 100 units, leading to the filter units.
 - Effluent (4):** Exits from the bottom of the filter units, with a diameter of 4 units. It splits into two lines, each with a diameter of 100 units, leading to the settling tank.
 - Settling Tank (14):** The effluent from the filter units enters the settling tank, which has a diameter of 100 units. The effluent from the settling tank is collected in a channel with a diameter of 15 units, labeled "do zbiornika wyrównawczego".
 - Pump (8):** The effluent from the settling tank is pumped to the right, with a diameter of 60 units, labeled "do kanalizacji".

The diagram illustrates a water supply network layout. A green pipe starts at a connection point labeled "do zbiornika wyrównawczego" (to balancing tank) with a diameter of 100. It runs horizontally, then turns vertically down, then horizontally right, passing through a valve labeled "14". The segment after the valve has a diameter of 100. This green pipe then turns vertically up and connects to a blue pipe. The blue pipe continues horizontally to the right, labeled "100 woda po l' uzdatniania" (100 water after treatment). Below this section, there is a label "istn. 15" (existing 15). At the far right, the blue pipe turns vertically down to another connection point labeled "ze zbiornika wyrównawczego" (from balancing tank) with a diameter of 150. Vertical dimensions on the right side indicate distances: 282 from the top to the existing 15 level, 215 from the existing 15 level to the bottom connection, and 26 from the bottom connection to the base line.

- A – woda napowietrzona DN 65, rury DN 70
B – spust popłuczyn DN 100, rury DN 100
C – spust 1 filtratu DN 65, rury DN 70
D – powietrze do płukania filtrów DN 50, rury DN 60
E – woda uzdatniona DN 65, rury DN 70
F – woda płuczna DN 100, rury DN 100

The diagram illustrates a heating system layout with three parallel loops. The top loop is labeled '100 woda po i' uzdatniania' (100 water after treatment), the middle loop is '60 powietrze' (60 air), and the bottom loop is '100 płukanie' (100 flushing). A vertical riser on the left side contains three valves labeled 18, 9, and 17, and a 'PE 160' connection at the bottom. The system is dimensioned with a total width of 190 and a total height of 282. Individual component dimensions include a 25 mm offset, a 15 mm vertical section, and a 125 mm riser section. The horizontal dimensions at the bottom are 76, 242, 260, and 282.

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DATA: luty 2020		SKALA: 1:50	
		NR RYS: 3	