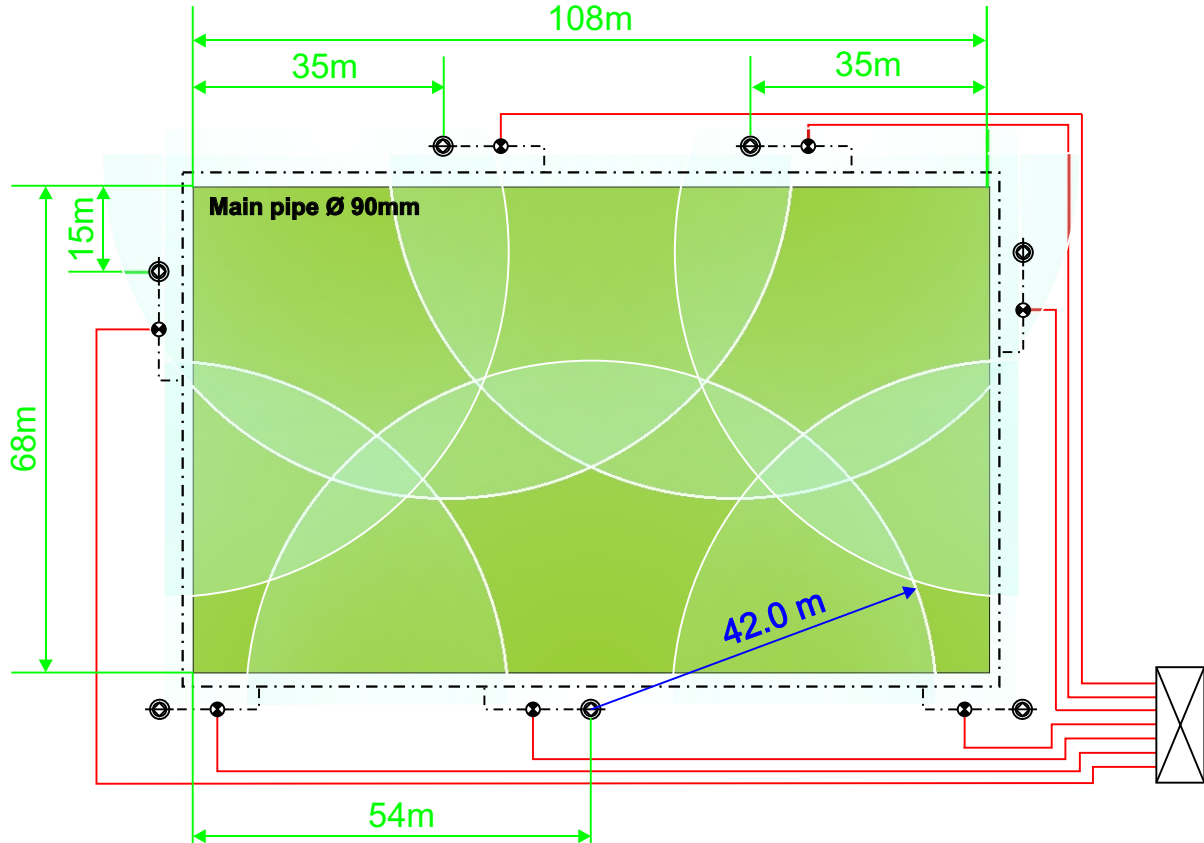


# HOCKEY FIELD IRRIGATION

## Layout of irrigation system for sports field with artificial lawn

### Pop-up sprinklers with separate solenoid valve



#### Legende

	PE-pipe		Pop-up sprinkler VP2 - 18 mm
	Control cable		Solenoid valve MVR 3"
	Control system		

#### Irrigation sequence:

7 irrigation sections

#### Water consumption:

1 sprinkler at the edge of the field  $Q = 38 \text{ m}^3/\text{h}$

Max. consumption per irrigation section  $Q = 38 \text{ m}^3/\text{h}$

#### Operating pressure:

Pressure at the sprinkler nozzle  $H = 8,0 \text{ bar}$

Required flow-pressure at the connection point with a water take-off of  $38 \text{ m}^3/\text{h}$

$H = 10,0 \text{ bar}$

#### Precipitation:

Average precipitation density  $6,0 \text{ mm/h}$

#### No. of sprinklers:

Pop-up sprinklers VP2 **7 pcs.**

BA 10184