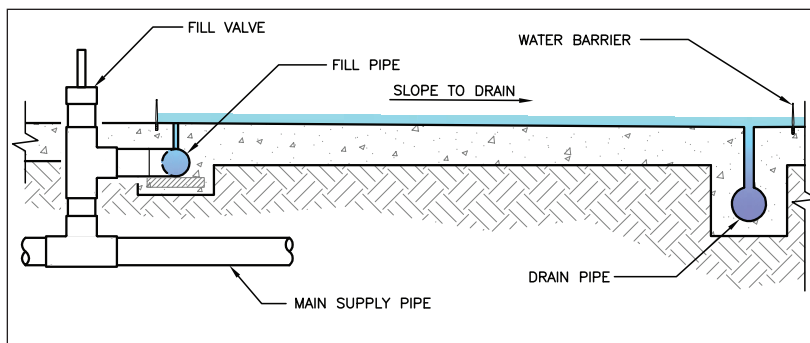


SUBIRRIGATION: CASCADE FLOOR



BioTherm Cascade Floor systems create a thin sheet of water that flows evenly down an imperceptible slope from ridge to drain, uniformly distributing moisture for a homogeneous crop.

- Cross Section: Unidirectional slope.
- Flow Pattern: Independent fill pipe flowing to common drain pipe located at valley between two floors.
- Watering Cycle: Floor fills and drains simultaneously, making water immediately available for same cycle use.
- Cycle Time: Only what you need (5-6 minutes typical).
- Material: Precision installed structural concrete.
- Containment: Flexible rubber barrier surrounding floor perimeter, allowing for access by employee and cart.



SUBIRRIGATION: FLOOD FLOOR



BioTherm Flood Floor systems save water, conserve energy, reduce fertilizer waste, and reduce labor costs by up to 95%.

- Cross Section: "V" or "W" pattern.
- Flow Pattern: Common fill and drain pipe located along floor valleys.
- Watering Cycle: Floor fills and then drains, and the water is then available for use in next zone.
- Cycle Time: 6-10 minutes (minimum).
- Material: Precision installed structural concrete.
- Containment: Flexible rubber barrier surrounding floor perimeter, allowing for access by employee and cart.

