

PLANTWALL

EXPLANATORY SKETCH

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Plantwall is a vertical indoor plantation with automatic irrigation system.

The plantwall consists of a custom made textile with integrated irrigation, mounted on plastic boards. The boards are mounted on vertical beams. Total thickness around 10 cm plus plants.

The irrigation system is placed in a suitable room in the nearby surroundings with access to water.

Standard irrigation system:

Warm water, cold water and safety drain.

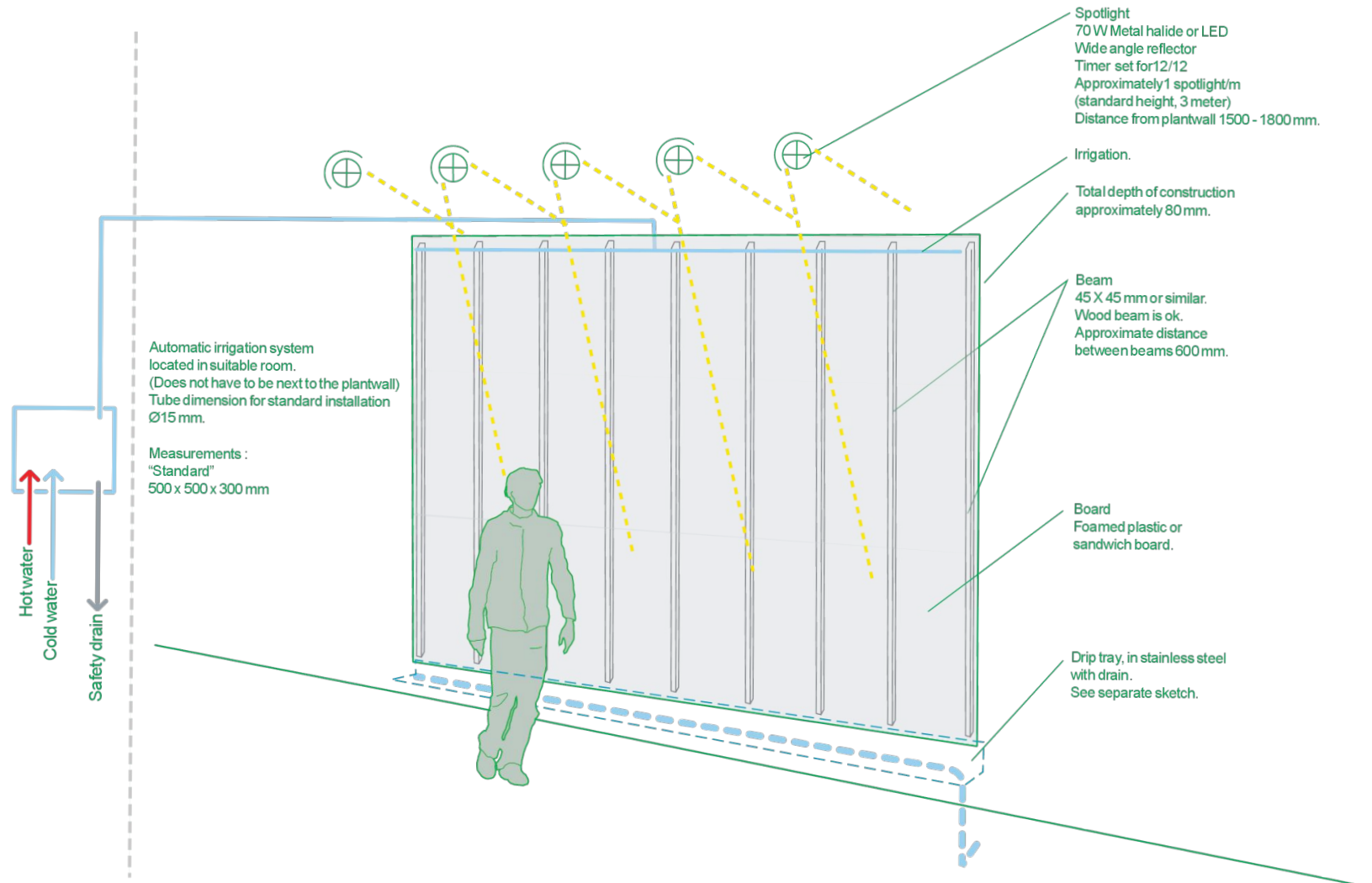
Small irrigation system:

Warm and cold water.

Safety drain when considered necessary.

After watering, excess water is lead to a drain at the plantwall.

Spotlights are set on timer to give the plants 12 hours of day and 12 hours of night.



1 CARPENTER WORK

- Mounting of beams 45 x 45 mm.
- Mounting of plastic board.
- Mounting of drip-tray.
- Mounting of irrigation system.

2 WORK DONE BY PLUMBER

- Connect drip-tray to drain.
- Connecting warm and cold water to irrigation system.
- Single pipe from automatic irrigation system to plantwall.

3 WORK DONE BY ELECTRICIAN

- Installation of 70 W metal halide spotlights on timer.

4 WORK BY GREEN FORTUNE

- Mounting of textile.
- Integrating irrigation system in textile.
- Planting.
- Maintenance

