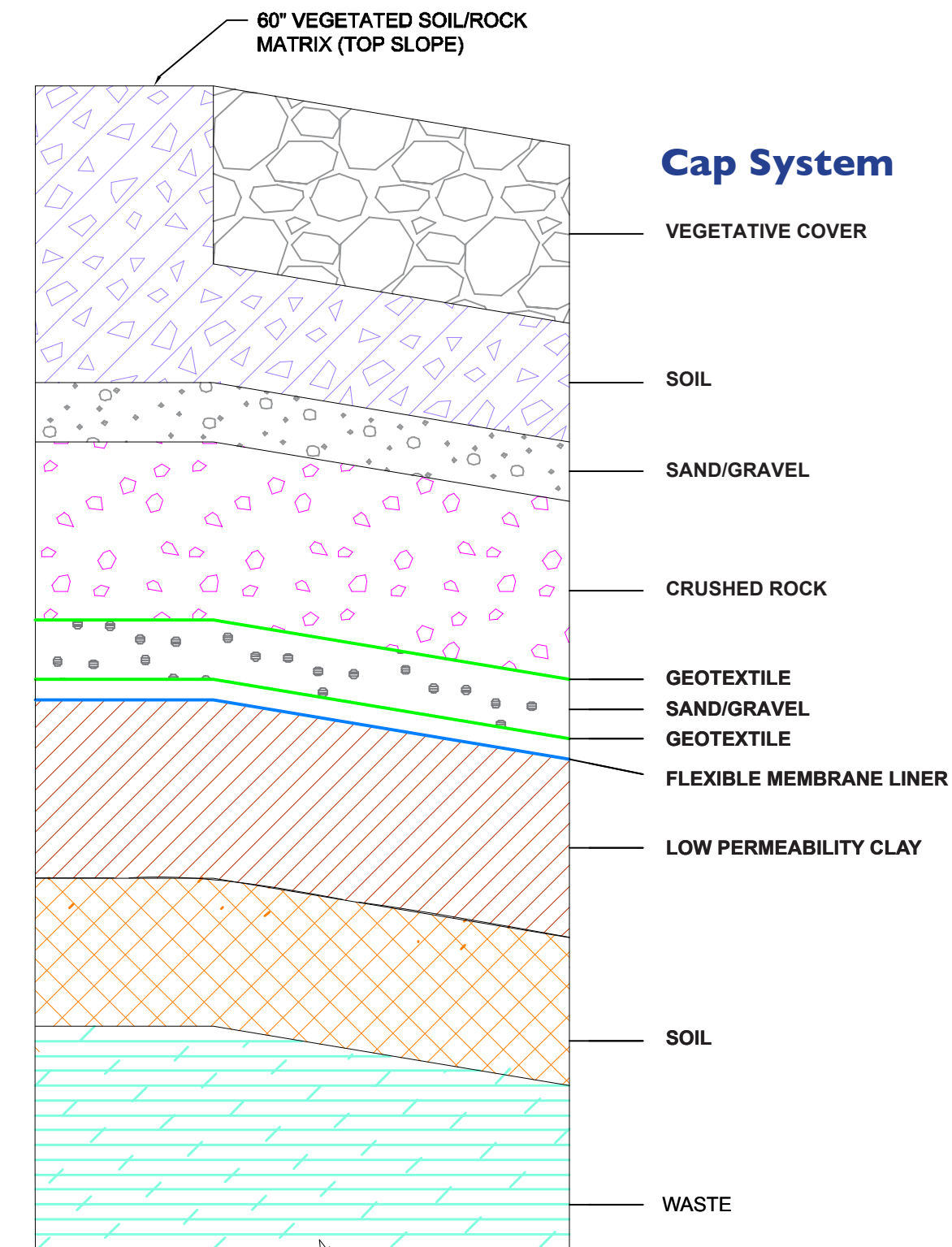


# Conceptual Waste Disposal Facility Design

FMI



## Cap System Design

### Key conceptual design parameters:

- A 16 ft cap with a top cover to minimize erosion, a geotextile and natural filter layers, a 3 ft thick biointrusion layer to prevent tree growth and burrowing animals, and both natural and amended clay layers to minimize water infiltration
- A fence around the entire boundary

## Liner System Design

### Key conceptual design parameters:

- The base of the 16 ft liner would consist of a 10 ft geologic buffer a 3 ft compacted clay layer, high-density geomembrane layers, a 1 ft drainage layer, and a 1 ft soil layer
- A leachate collection system to capture leachate and a detection system to monitor if the liner is leaking

## Liner System

