

# DIADEM-350

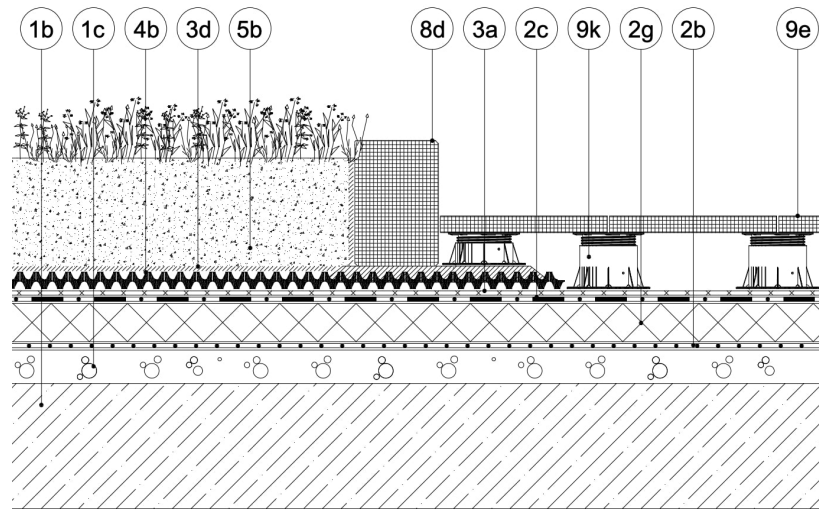
EM 350 - GREEN ROOF EDGING

#901328\_F150\_09



## Detail Drawing

Green up the roof!



### Decking constructions:

- 1b - Reinforced concrete structure
- 1c - Slope-forming layer

### Water isolation:

- 2b - FLW-400 ext. Root protection
- 2c - Waterproof membrane
- 2g - Expanded PS-foam heat insulation

### Geotextile layers:

- 3a - VLU-300 mechanical protecting layer
- 3d - VLR-130 separating filter layer

### Drainboards:

- 4b - DD-40H Retention Board

### Growth medias:

- 5b - SIM-30 extensive growth medium

### Edging element:

- 8d - RDA-40 edging piece 16"

### Terraces accessories:

- 9e - Concrete slab
- 9k - SLH-145 terrace pedestal

### Description of section:

To accommodate deeper intensive soil depths, installation of a pony wall is typically required. Though not mandatory, it is best if this structure is connected directly to the roof deck, with building envelope layers running uninterrupted from edge to edge. Pony walls can be made out of precast units laying in crushed stone beds, or using poured-in-place concrete curbs, landscaping timbers, etc. If necessary, a concrete footing can be poured using the dd40h as the base, ensuring unhindered drainage under the wall. Adjustable pedestals can be installed over dd40h drainage boards, if filled with the appropriate drain aggregate. Please verify the load-bearing capacity of the underneath layers such as thermal insulation.

DIADEM USA, Inc.