THE GEOMETRY of GREEN

Mutualities between Architecture + Computation + Ecology
Does Resilience have Form?
Section Detail
Barcelona Pavilion
Mies van der Rohe

Section Detail
Anatomy of Plants
Nehemiah Grew
Urförmen der Kunst
Karl Blossfeldt

Lever House
SOM Gordon Bunshaft
All glass version. Section

Air-cleaning cells, clusters and fenestration
MoMA prototype. (Exhibition photo. SAFE - Design Takes on Risk)
WATER STORAGE & BLADDER UNIT

Bladder unit collects and stores runoff for use as grey water. The stored water also acts as an insulator.
Air Cleaning Capacity of INVERSAbrane Cells
based on surface area of open 1 m x 1 m panels

Cell 04
Area = 1.14 m²
Air Cleaning = 441.87 m³/hr

Cell 05
Area = 1.49 m²
Air Cleaning = 579.95 m³/hr

Cell 10
Area = 1.23 m²
Air Cleaning = 477.37 m³/hr

Cell 12
Area = 1.27 m²
Air Cleaning = 493.15 m³/hr

Cell 21
Area = 1.24 m²
Air Cleaning = 481.32 m³/hr

Cell 23
Area = 2.21 m²
Air Cleaning = 856.12 m³/hr

Cell 29
Area = 1.80 m²
Air Cleaning = 698.31 m³/hr

Cell 30
Area = 1.21 m²
Air Cleaning = 469.48 m³/hr

Cell 31
Area = 1.84 m²
Air Cleaning = 714.09 m³/hr

Cell 37
Area = 1.64 m²
Air Cleaning = 635.18 m³/hr

Standard Flat Exterior Cladding Panel
Area = 1 m²
Air Cleaning = 388.00 m³/hr
Urban Design Competition Nordhavnen Copenhagen

KOL/MAC LLC