Detail A
1.5
1. transparent double glazing; 6mm toughened float glass +
16mm argo-filled cavity + 2x6.4mm laminated safety glass
2. pv panel; 5mm float glass; 2mm resin layer with 12.5x12.5mm
monocrystalline cells + 4mm float glass + 16mm argo-filled
cavity + 2x5.5mm laminated safety glass
3. primary beam
4. perforated copper screen

Detail B
1.5
1. 50mm cement screed, 50mm rigid insulation, 70mm structural
coredwards
2. 230mm “hollow-core” pre-fabricated concrete slab
3. “versa” vertical green wall
4. perforated copper screen
Detail C
1:5
1. curtain wall with transparent double glazing, 6mm toughened float glass
2. "verde" vertical green wall
3. local irrigation unit
4. perforated copper screen

Detail D
1:5
1. curtain wall with transparent double glazing, 6mm toughened float glass
2. 15mm argo-filled cavity + 6mm laminated safety glass
3. self-regulating "flood vent"
4. 50mm cement screed, 50mm rigid insulation, 250mm concrete slab
5. perforated copper screen
Detail E

1. Structural glass fin with bolted connection
2. Double glazing 6:12:6mm supported by glass fin
3. Double glazing 6:12:6mm curtain wall system
4. Perforated copper screen
Roof material/pattern scheme

Opaque - 309 panels
Fritted - 668 panels
Photovoltaic panels - 363
Clear - 164 panels
Total - 1504 panels

Roof structure axonometric
Overall structural scheme

1. Concrete column • beam structure

2. Structural walls (vertical) • functional • structural stiffness

3. Hollow-core floor slabs • additional structural bracing