RAIN WATER HARVESTING AND CLEANING PROCESS

MAJOR PROJECT ELEMENTS:
- Water harvesting green roof
- Solar panels
- Structural head structure
- Heating/cooling
- Site integration
- Construction site
- Frosting and retaining wall

FRACTURE VORONOI

v.1.1 Jintian drills an object in a specific area to create several transitions. Organic and pre-poured concrete were poured in the new floor. The concrete is then treated and finished with a varnish. The floor is then sealed and covered with a green roof. The new earth, new natural, and solar panels create a complete system.
v1.1 3ds max divides an object in parts (voronoi cells) several iterations; original uv’s are preserved and ‘projected’ onto the new faces; simple planar mapping is applied to a new channel and consistent throughout the new parts; new material id is applied to the new faces; can keep intermediate generations; can build hierarchy.
MAJOR PROJECT ELEMENTS
- Water harvesting green roof
- On-site 3D laser print cementitious superstructure
- Heating, cooling
- Site integration
- Concrete floor slab
- Footing and retaining wall