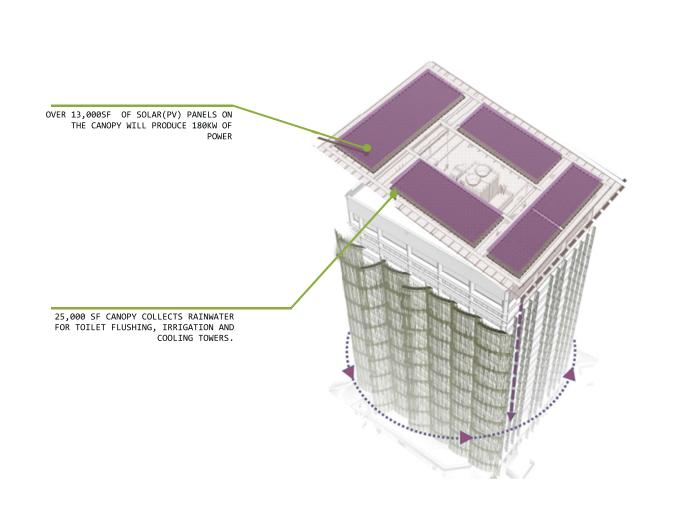
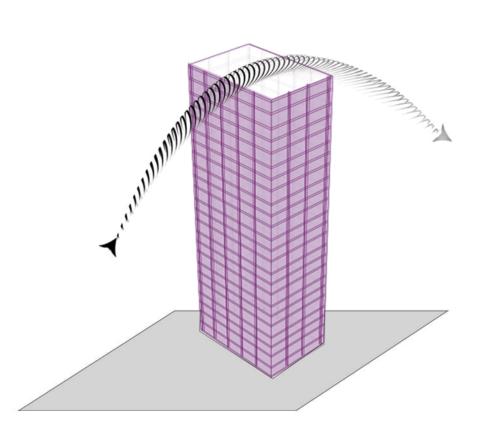


PROJECT 1 > EDITH GREEN-WENDELL WYATT FEDERAL BUILDING

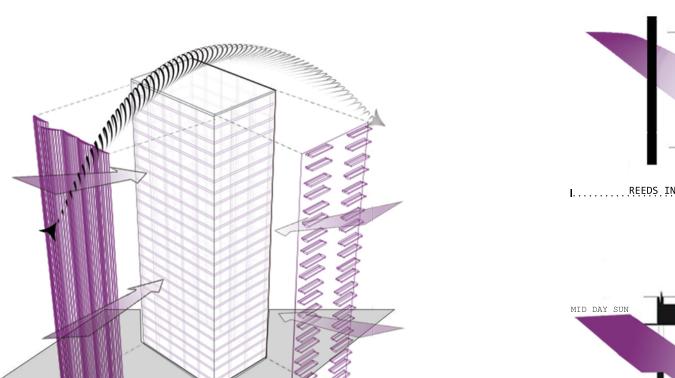
BY CUTLER ANDERSON AND SERA ARCHITECTS



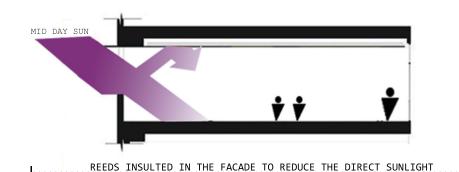
RAINWATER HARVESTING SYSTEM



| DIRECT SUNLIGHT TO THE WEST FACADE | | REEDS INSULTED IN THE FACADE TO REDUCE | THE DIRECT SUNLIGHT FACADE-SUN MOVEMENT

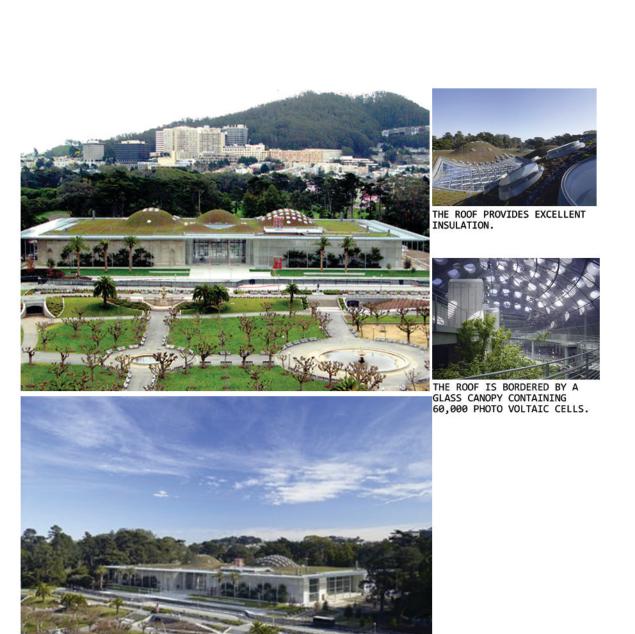




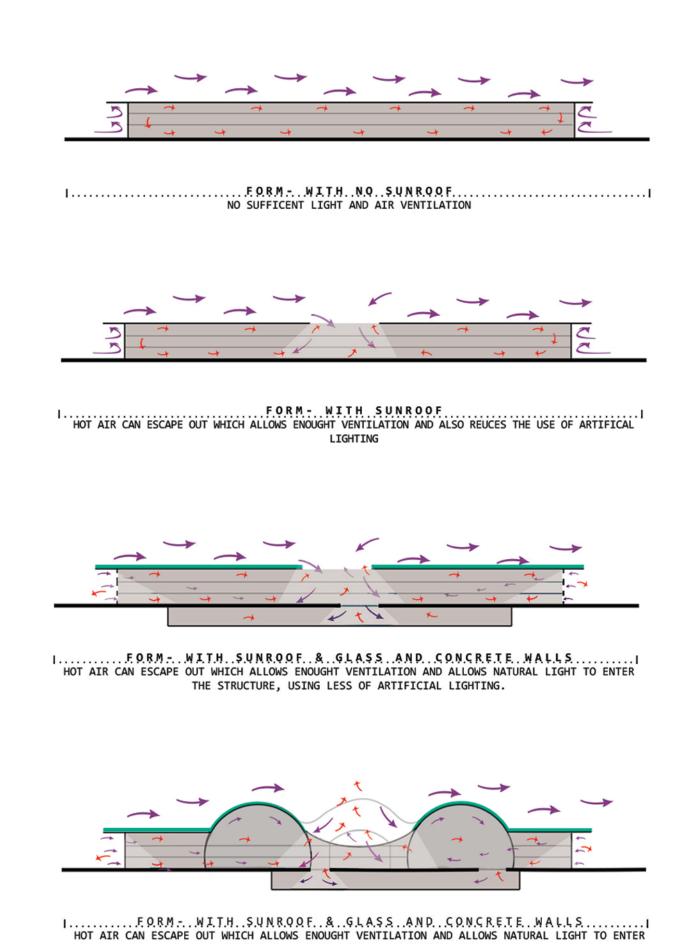


REEDS INSULTED IN THE FACADE TO REDUCE THE DIRECT SUNLIGHT

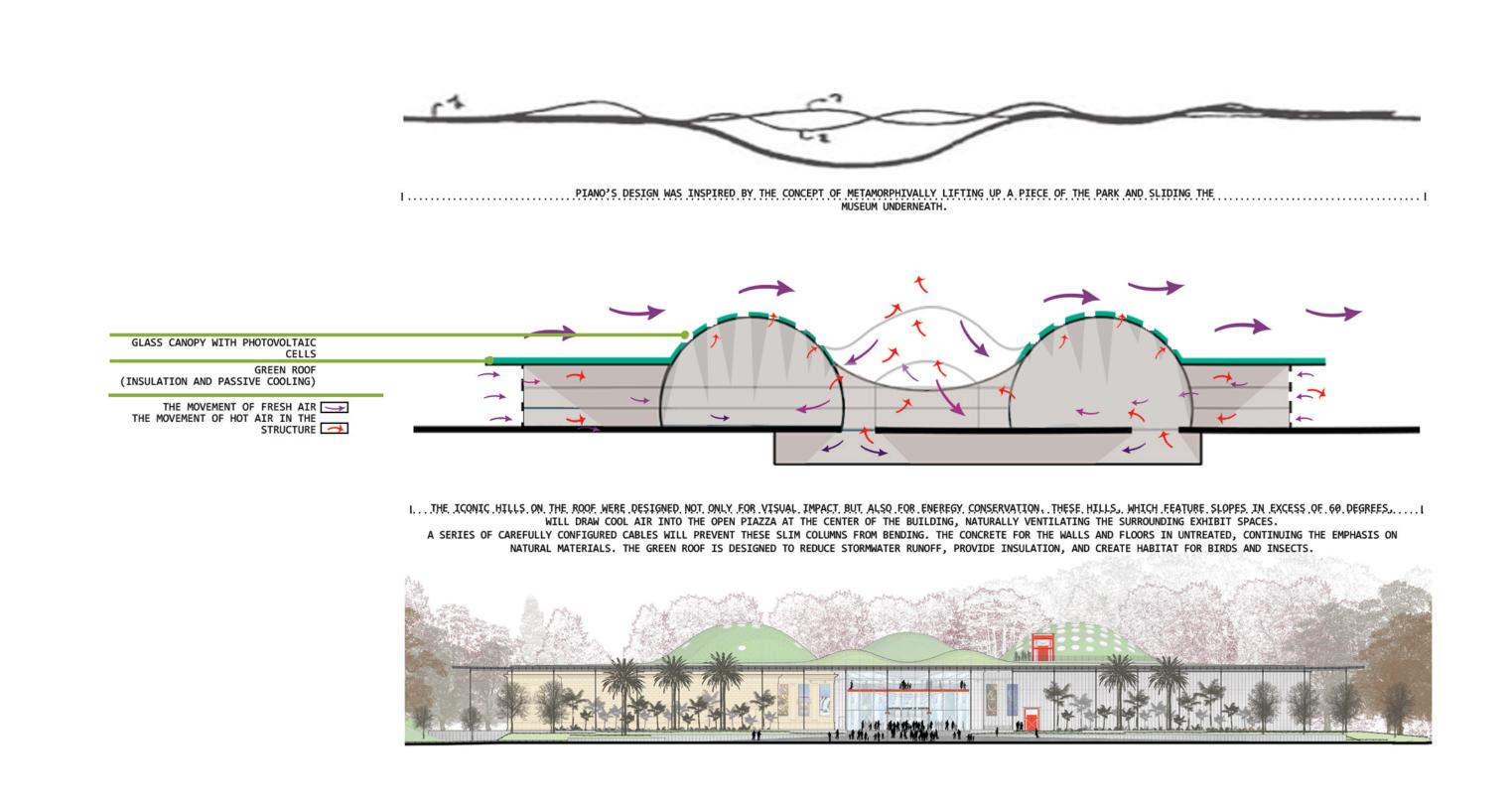
DAYLIGHT SECTION....



PROJECT 2 > CALIFORNIA ACADEMY OF SCIENCES, SAN FRANSISCO Piano's goal was to create a sense of transparency and connectedness between the building and the park through both a careful selection of materials and a thoughtful arrangement of space. Glass is used extensively in the exterior walls, allowing visitors to look through the museum to the surrounding green space of the park along both the east-west axis and the north-south axis of the building.

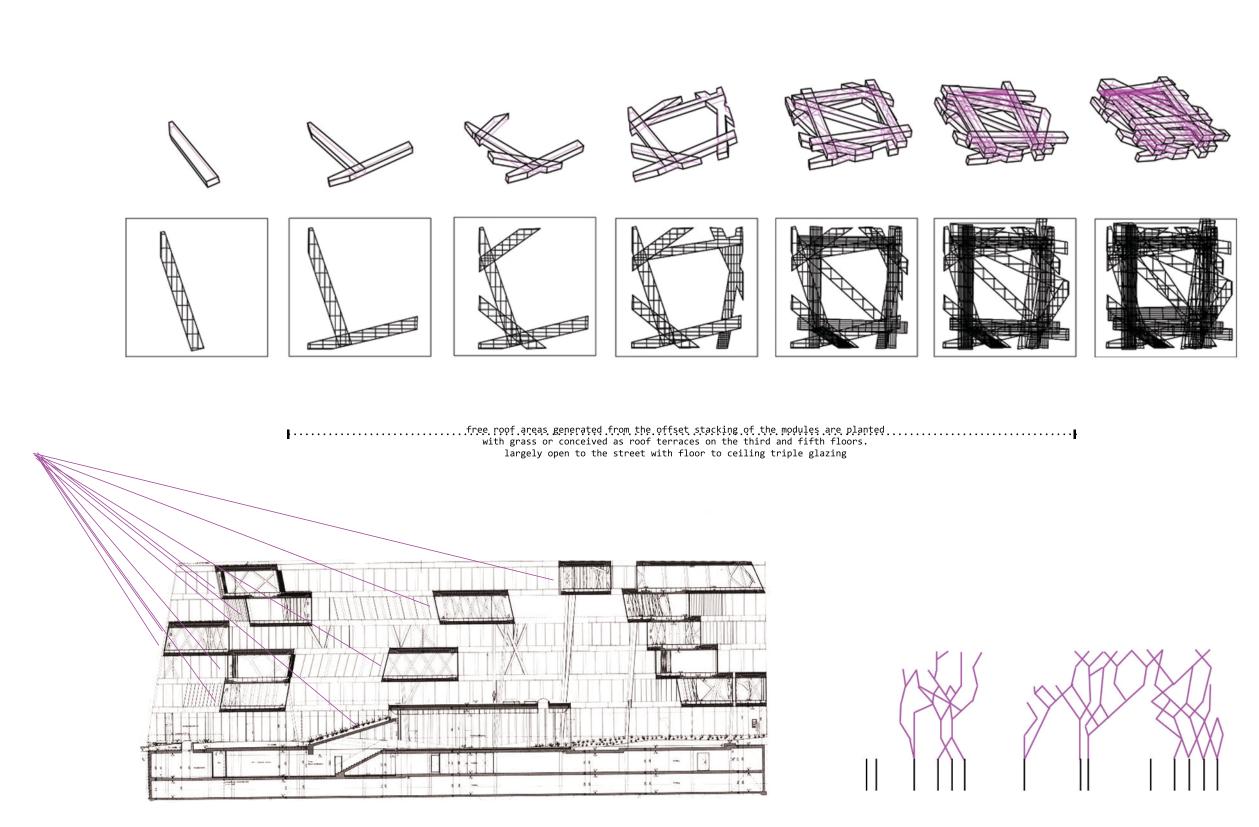


THE STRUCTURE, USING LESS OF ARTIFICIAL LIGHTING. SPHERES MANIPULATES THE MOVEMENT OF AIR.

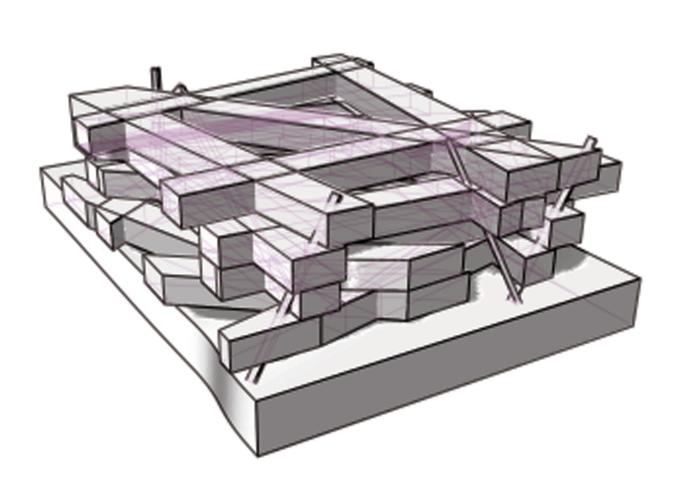




PROJECT 2 > CALIFORNIA ACADEMY OF SCIENCES, SAN FRANSISCO PROJECT 2 > CALIFORNIA ACADEMY OF SCIENCES, SAN FRANSISCO
BY HERZOG DE MEURON
The architecture stands for innovation, openness and communication. Although chaotic in appearance, the slabs meet at four different crossing points per floor organized around static demands and programming.
The load-bearing structure of steel frames in k-,x, or I-shapes is hidden behind the façade but still faintly visible. The glass façades apart energy concept of this carbon neutral building is based upon the combined use of electricity, natural gas and renewable energy in the form of solar power. A part of the energy is produced from photovoltaic cells. Another particularity of this building is the green roof designed by the artist Tita Giese which goal is to take up the transparency of the building.



The angled windows so those on the lower floors incline upwards and those on the upper floors downward to better capture and utilize solar heat and incorporated photovoltaic cells for electricity.



This fundamental principle is based on a strict regularity: in the four corner points, where the "office beams" meet, are the core zones through which access is provided to the whole building.