ARCHITECTURE for NATURE

"Renovatio" is a Latin word that means innovation, it underlines the intention of deeply renovating the appearance and the functioning of the Tiburon Centre, keeping at the same time its own positive features in spite of natural twistings that will necessarily happen during next decades. The development of vegetation towards the coast and above all the sea level rise will progressively destroy the existing establishment and, furthermore, they may threaten any new building designed without complete consciousness of the site criticalities. Every edifice fabricated in this area will be damaged by the natural evolution of the coast; aware of that the project intend to integrate itself with the surrounding scrubland, becoming at the same time a way to contrast the coast erosion. The building is completely zero impact and originates its shape from the terrain orography, in this way the project offer a complete naturalistic architecture. Natural element blend totally with the artificial element and technology became a tool serving the structure, not vice versa.

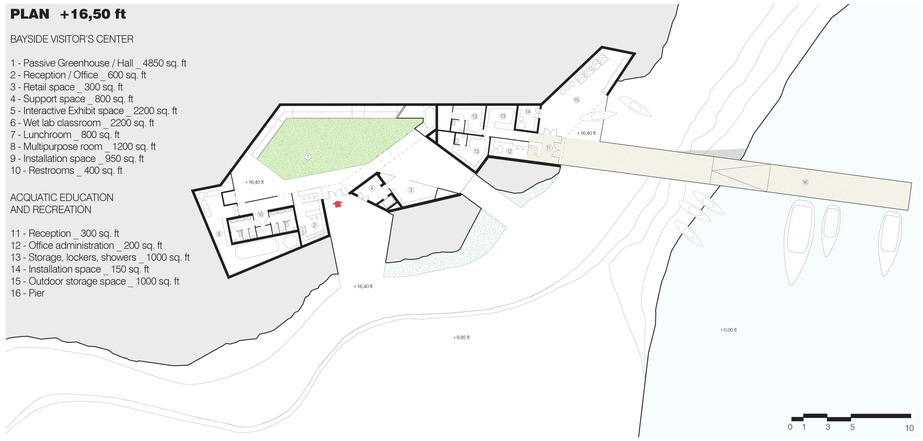
PLAN +16,50 ft

BAYSIDE VISITOR'S CENTER

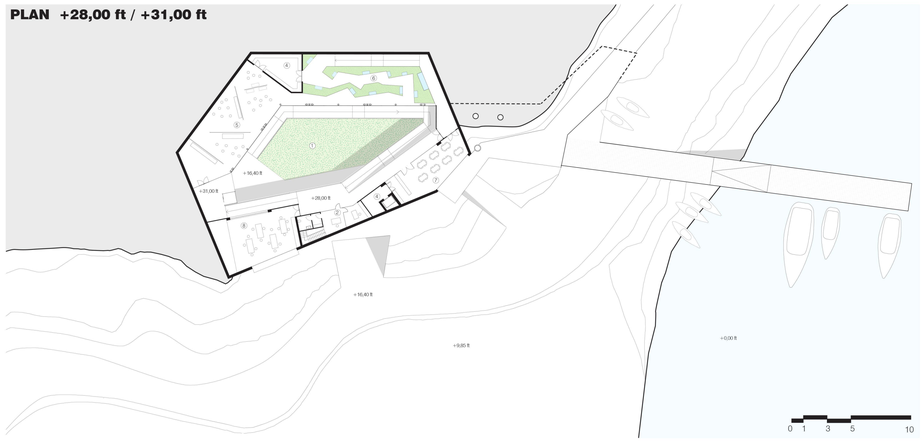
1 - Passive Greenhouse / Hall _ 4850 sq. ft
2 - Reception / Office _ 600 sq. ft
3 - Retail space _ 300 sq. ft
4 - Support space _ 800 sq. ft
5 - Interactive Exhibit space _ 2200 sq. ft
6 - Wet lab classroom _ 2200 sq. ft
7 - Lunchroom _ 800 sq. ft
8 - Multipurpose room _ 1200 sq. ft
9 - Installation space _ 950 sq. ft
10 - Restrooms _ 400 sq. ft

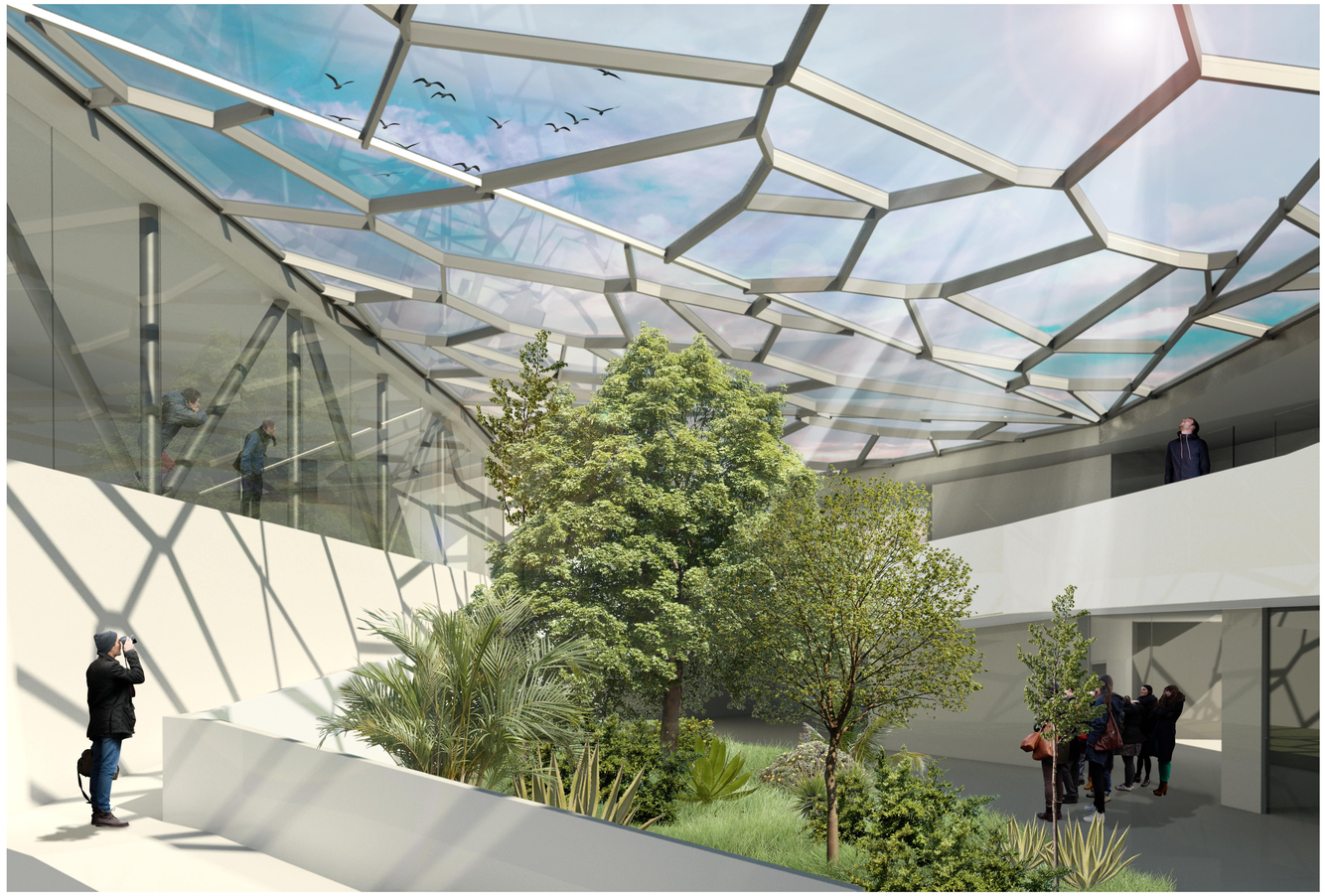
ACQUATIC EDUCATION
AND RECREATION

11 - Reception _ 300 sq. ft
12 - Office administration _ 200 sq. ft
13 - Storage, lockers, showers _ 1000 sq. ft
14 - Installation space _ 150 sq. ft
15 - Outdoor storage space _ 1000 sq. ft
16 - Pier



PLAN +28,00 ft / +31,00 ft





URBAN CONCEPT

1_Current state

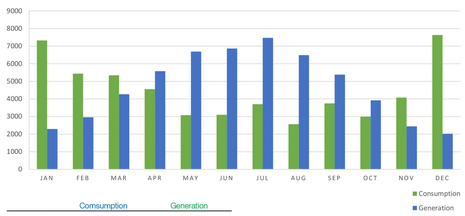
2_Total flood

3_Delocalization

4_Forces of nature

5_Intervention belt

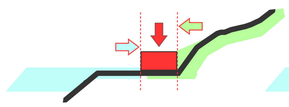
BIOCLIMATIC SECTION



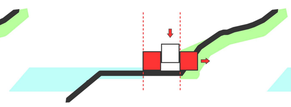
	Comsumption	Generation
kwh (year)	53514,8	56355,31
EUI Kbtu/ft²	16,45	-17,28

ARCHITECTURE CONCEPT

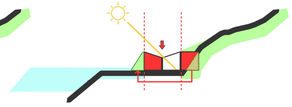
1_Volume



2_Greenhouse



2_Volume modelling



MASTERPLAN

Scale 1:2000

RENOVATIO

ARCHITECTURE AT ZERO 2017