

TIMELINE

Climate Change Exhibit Center, Morro Bay

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ARCH 351 | Fall 2017 | Alex Hirsig

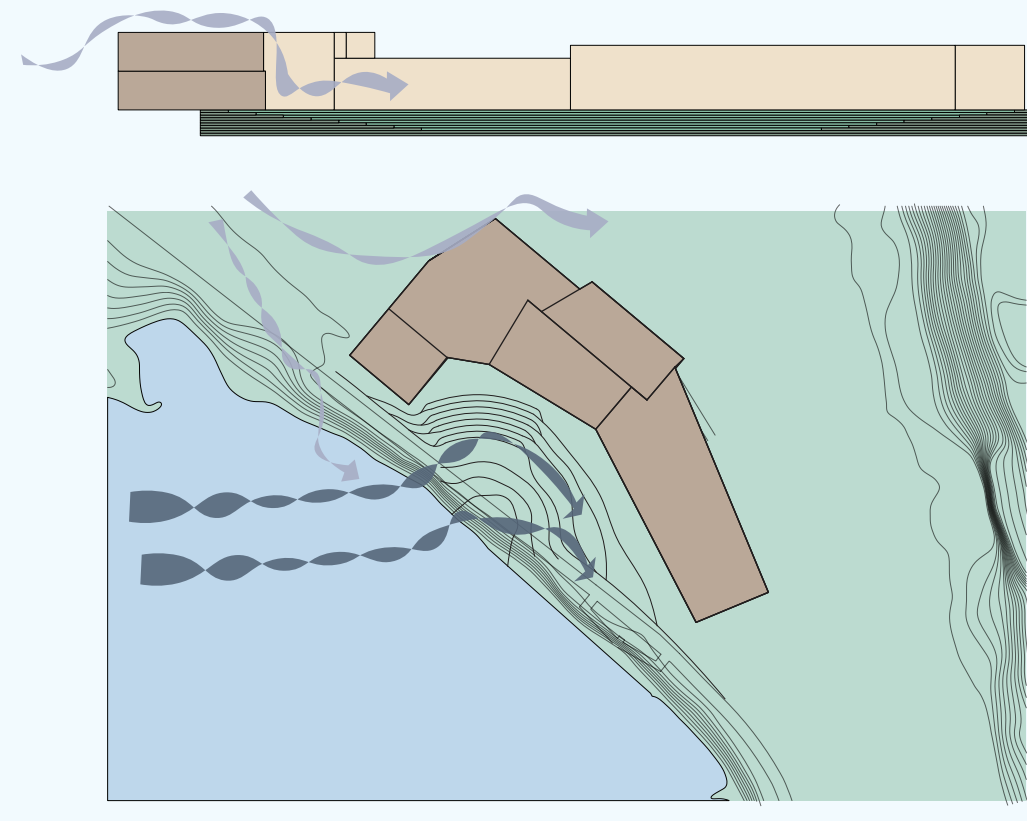
Design Goals:

- Raising Awareness Of Climate Change Through A Time Line Of Man's Interaction With The Ocean.
- Bring Emphasis Or Pause For Reflection.
- Provide A Force Direction Or Journey.
- Highlight Contrast Between The Built And Natural Environment.



Collage Showing The Contrast Between Marginal Zones.

Art Exploration



Wind Analysis showing wind barrier for most of the year, but allowance for wind access during hot summer months.

Site Conditions Diagram

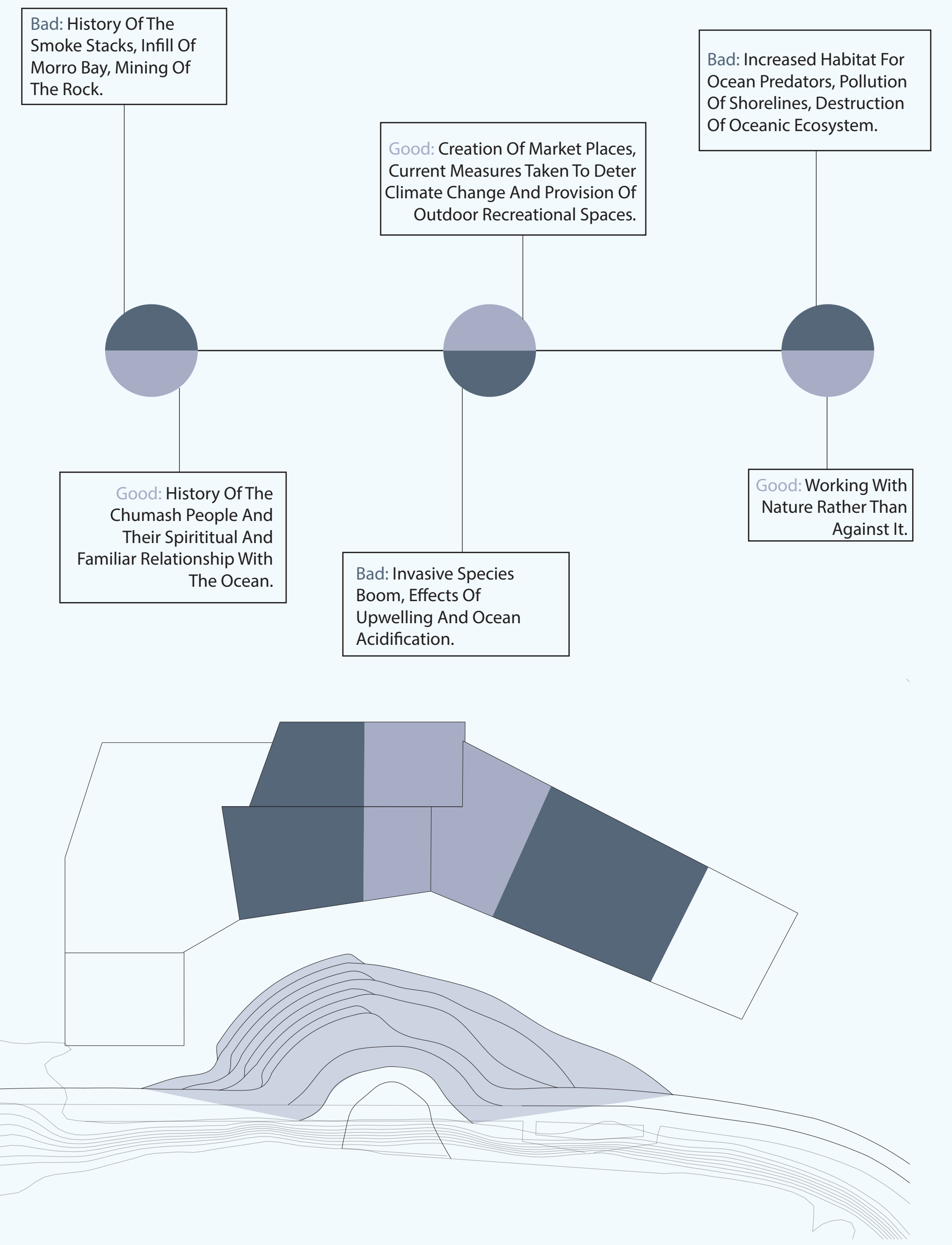
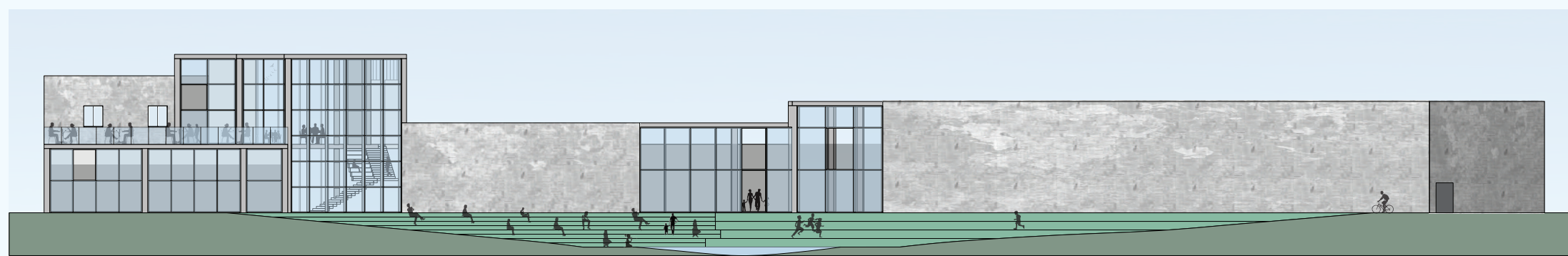
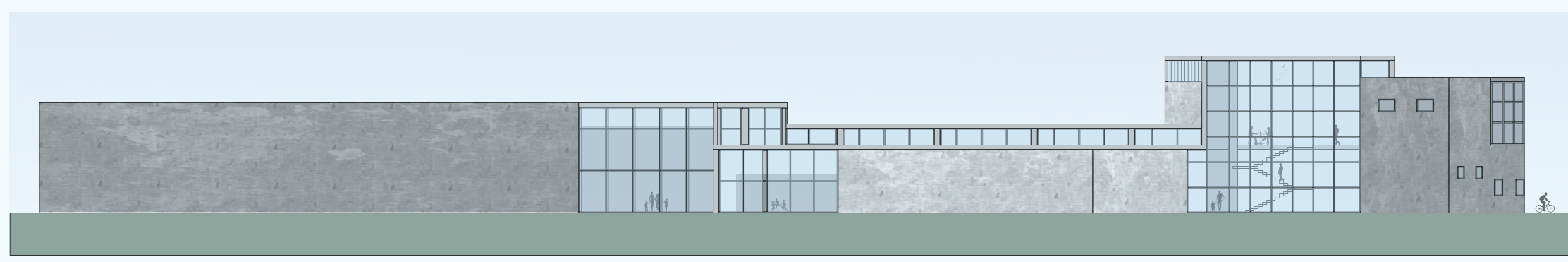


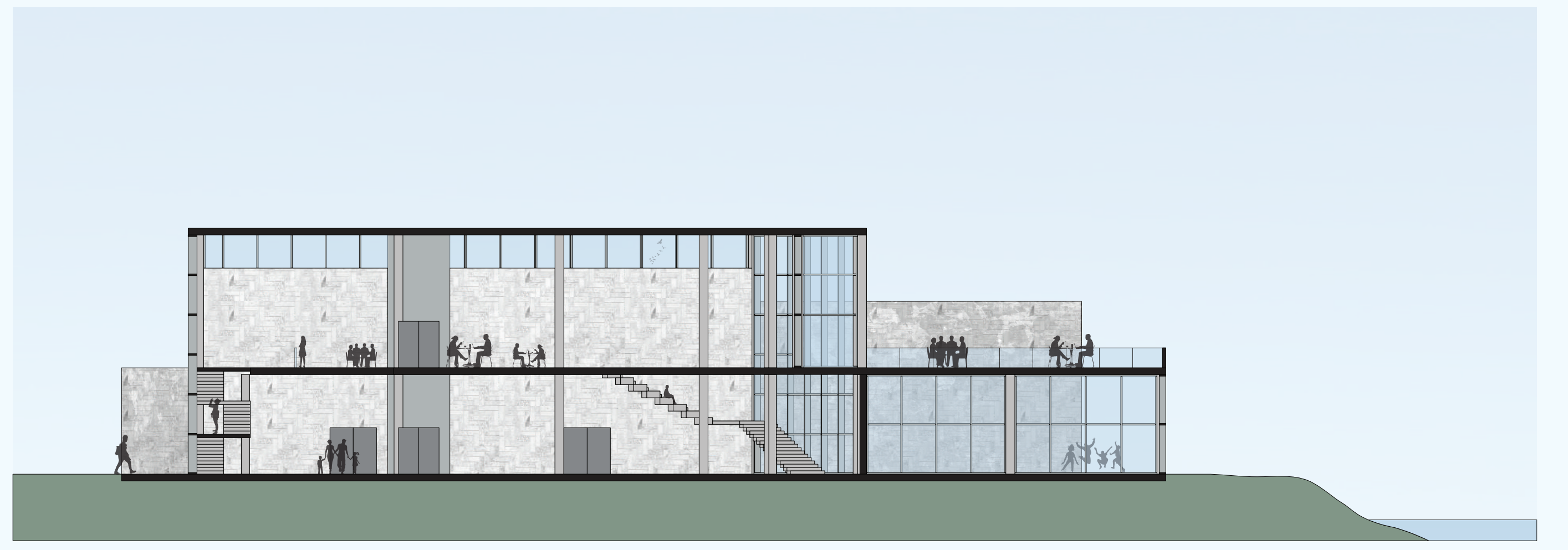
Exhibit Program Diagram



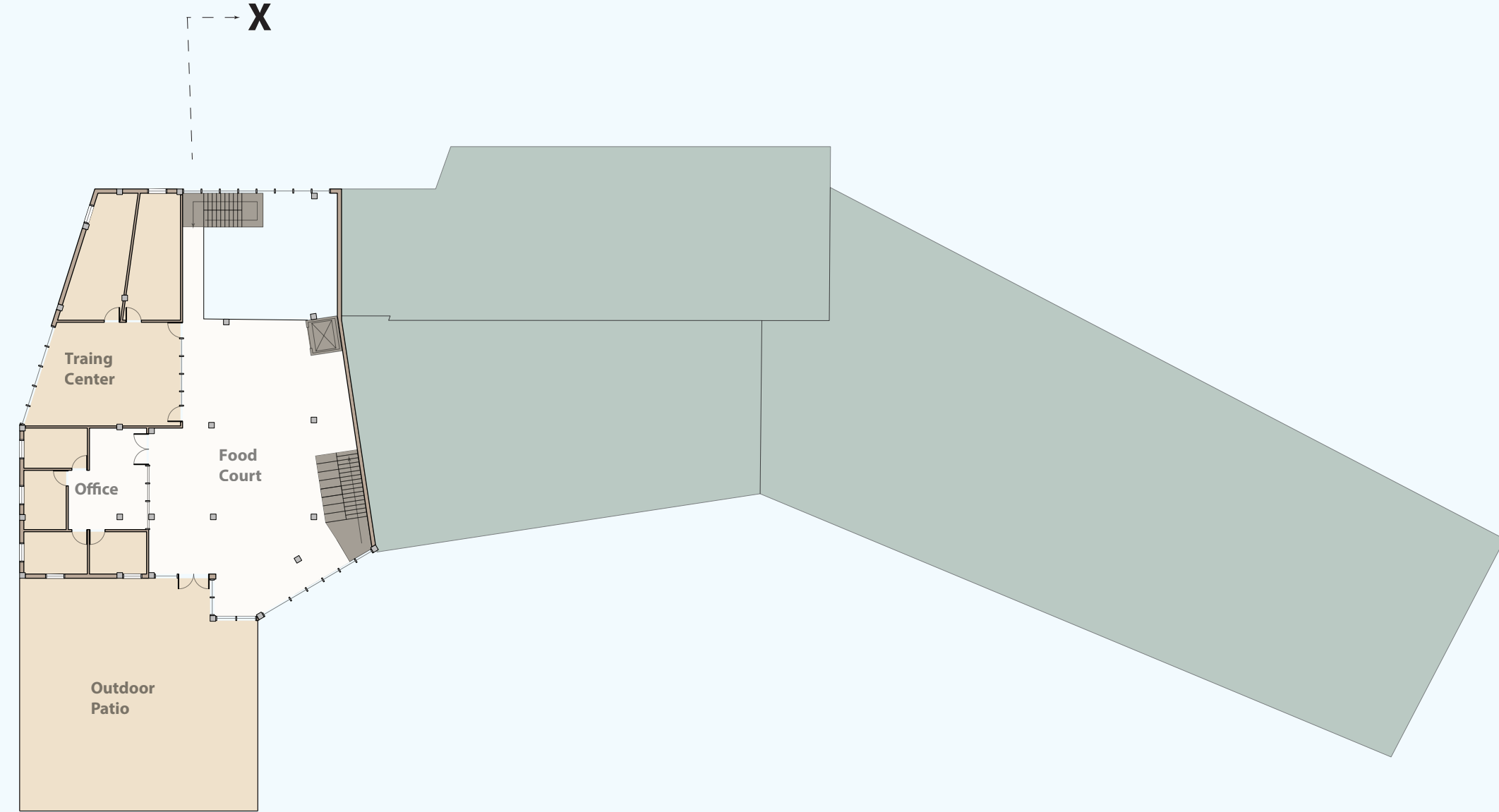
South Elevation
Scale: 1/32" = 1'



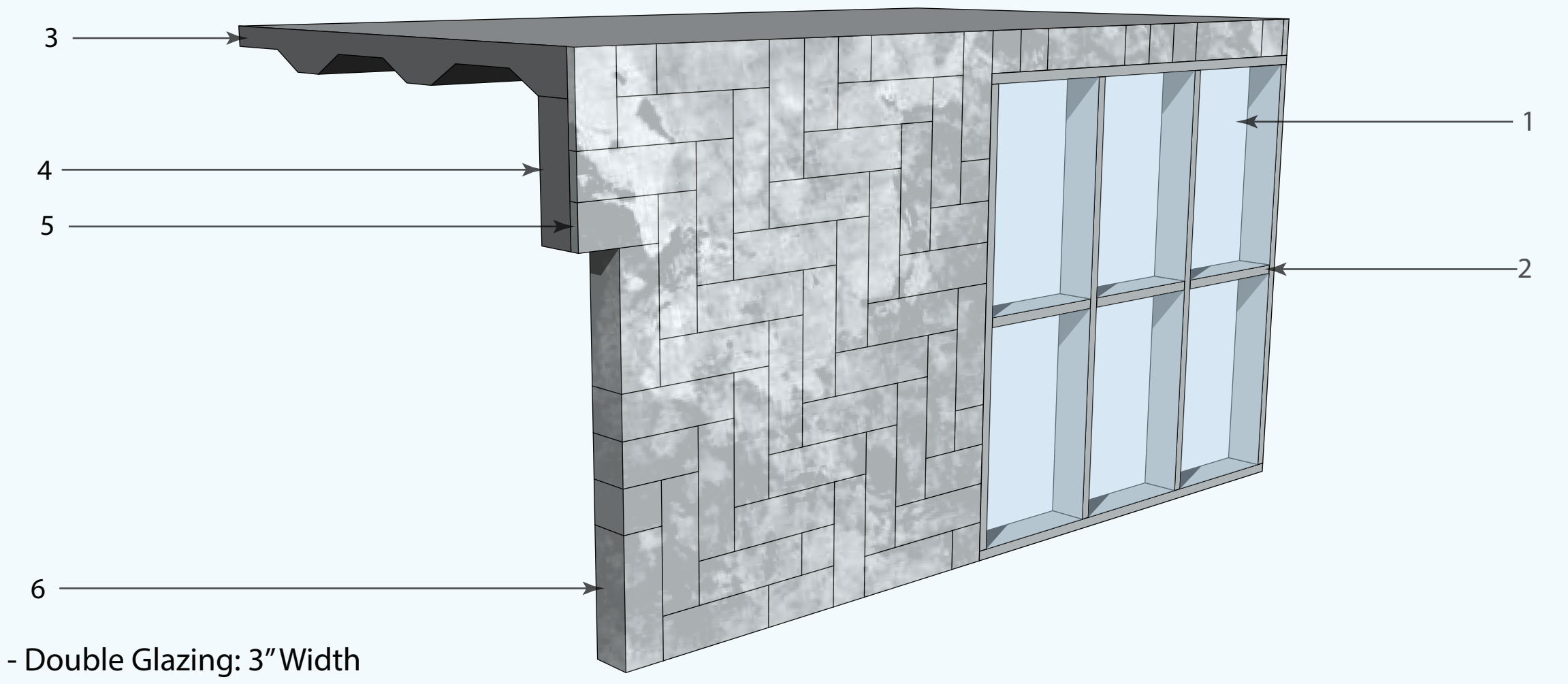
North Elevation
Scale: 1/32" = 1'



Building Section X-X
Scale: 1/16" = 1'

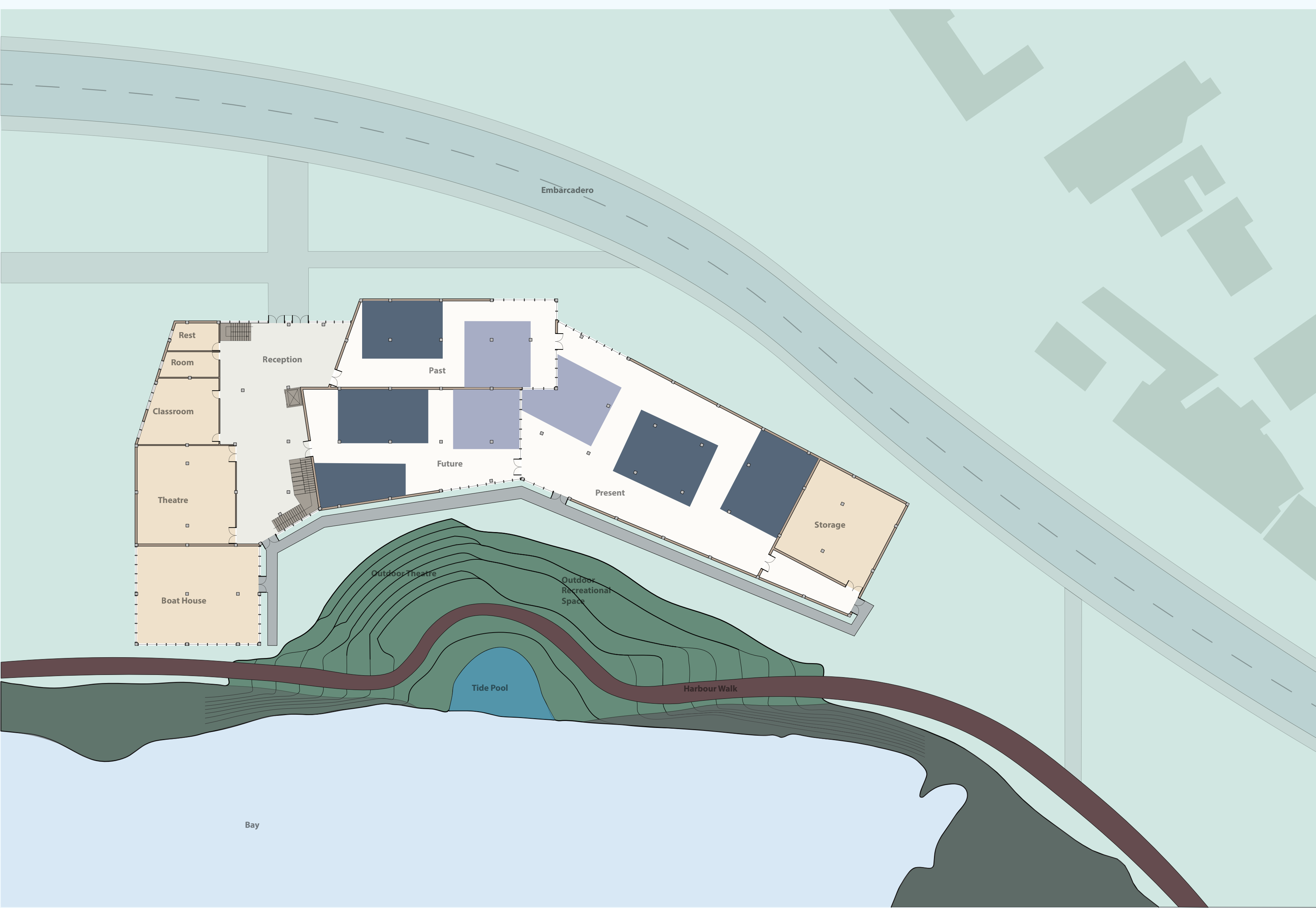


Second Floor Plan
Scale: 1/32" = 1'

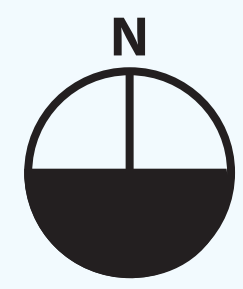


- 1 - Double Glazing: 3" Width
- 2 - Aluminum Mullions
- 3 - Fluted Concrete Roof
- 4 - Concrete Column
- 5 - Translucent Masonry Paneling: Used to cover column, and allow facade appear continuous.
- 6 - Translucent Masonry Blocks: 1'x1'x3'. Arranged in Herring-Bone pattern.

Facade Section

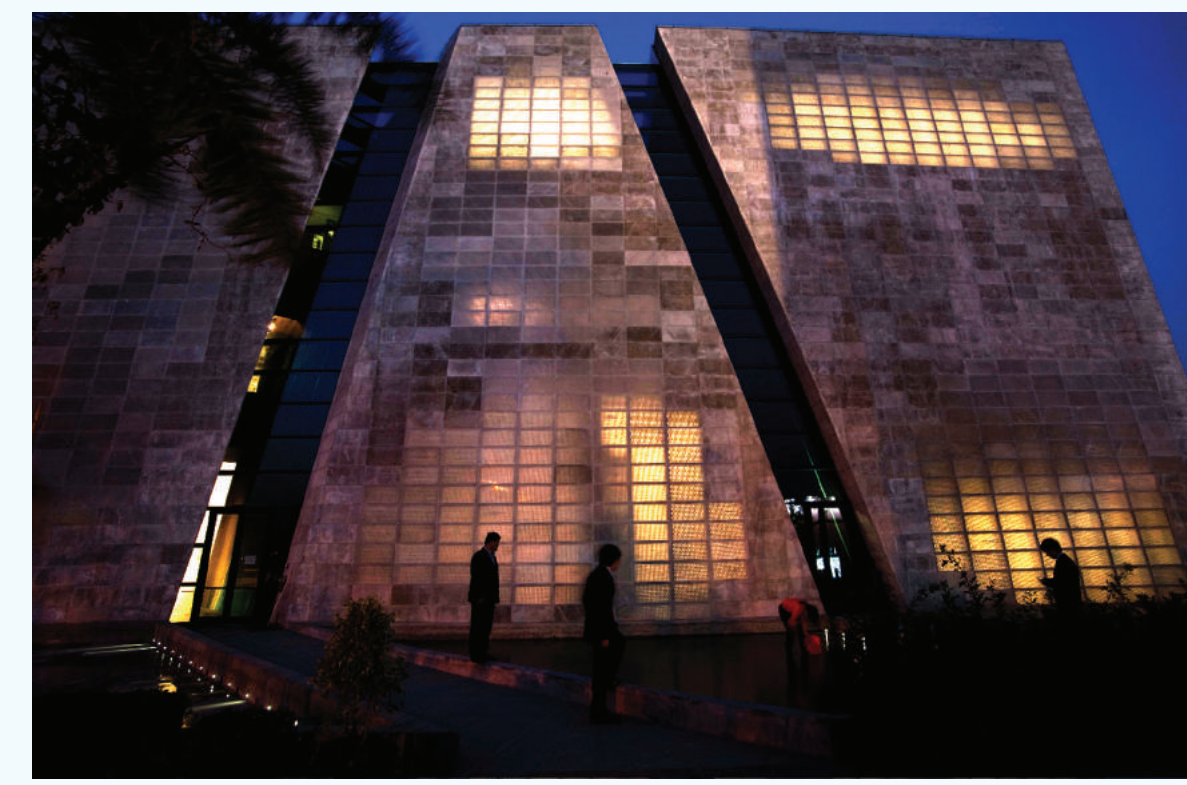


First Floor Plan
Scale: 1/32" = 1'



The Barnes Foundation / Tod Williams + Billie Tsien
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I focused mor of the design of this Building, as it had lond gallery spaces with glazed walls so as to provide a well lit environment. I chose to keep the idea in mind, and develop gallery walls that chene in clarity of translucency in response to the exhibit program, thus negative effects of climate change have more opaque walls than the history of the Chumash people and their relationship with the ocean.



Italian Pavillion Expo Shanghai 2010, China / Giampaolo Imbrighi
© HeidelbergCement

In this case I focused ion the materiality of the building. The translucent masonry blocks, worked well with my lighting idea, as the opacity of the blocks can my manipulated.

Materials Palette/Precedents

Perspective Rendering

