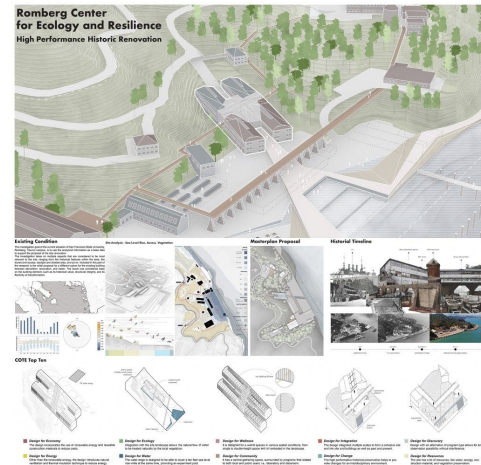# ASSIGNMENT BRIEF #9
Change

Measure 9: DESIGN FOR CHANGE

Sustainable design anticipates adapting to new uses, climate change, and resilient recovery from disasters.

Narrative: Describe how the design promotes long-term flexibility, re-use, adaptability, and resilience.

Suggested Graphics: Specific hazard and climate analysis for project.

Metric: None

ASSIGNMENT:

1. Research how climate change is predicted to impact the project site, include effects of sea level rise and regional flooding.
2. Research the history of the site and anticipated real estate and economic development trends in the area. Do historic preservation standards apply to this project? Research those standards.

For Final Presentation:

3. Plan for project expansion and eventual change of use, illustrating potential areas for additional development or alternative uses for this project over time.
4. In less than 100 words, describe how the design promotes long-term flexibility, re-use, adaptability, and resilience.

DELIVERABLES:

- **Inundation Map -** flooding and sea level rise implications (if applicable)
- **Building Evolution Graphic** - illustration of expansion and use change potential
- **Narrative on Design for Change** (<100 words)

SUBMITTAL:

Submit as PDF via university interface (Blackboard, Canvas, Edmodo, Google…) using the following NAAB file format:

COURSENO_INSTRUCTOR_yourlastname_yourfirstname_ASSIGNMENT09_YEARTERM

DUE:

Resources:

NOAAA Sea Level Rise Map https://sealevelrise.org/states/

Architecture 2030 Inundation Mapping http://2030palette.org/inundation-mapping/

ACSA AIA COTE Top Ten Studio Guide
https://www.acsa-arch.org/competitions/2021-cote-competition/studio-guide/#tools

Associated NAAB Content:

Program Criteria

PC.1 Career Paths—How the program ensures that students understand the paths to becoming licensed as an architect in the United States and the range of available career opportunities that utilize the discipline's skills and knowledge.

PC.2 Design—How the program instills in students the role of the design process in shaping the built environment and conveys the methods by which design processes integrate multiple factors, in different settings and scales of development, from buildings to cities.

PC.3 Ecological Knowledge and Responsibility—How the program instills in students a holistic understanding of the dynamic between built and natural environments, enabling future architects to mitigate climate change responsibly by leveraging ecological, advanced building performance, adaptation, and resilience principles in their work and advocacy activities.

PC.4 History and Theory—How the program ensures that students understand the histories and theories of architecture and urbanism, framed by diverse social, cultural, economic, and political forces, nationally and globally.

PC.5 Research and Innovation—How the program prepares students to engage and participate in architectural research to test and evaluate innovations in the field.

PC.6 Leadership and Collaboration—How the program ensures that students understand approaches to leadership in multidisciplinary teams, diverse stakeholder constituents, and dynamic physical and social contexts, and learn how to apply effective collaboration skills to solve complex problems.

PC.7 Learning and Teaching Culture—How the program fosters and ensures a positive and respectful environment that encourages optimism, respect, sharing, engagement, and innovation among its faculty, students, administration, and staff.

PC.8 Social Equity and Inclusion—How the program furthers and deepens students' understanding of diverse cultural and social contexts and helps them translate that understanding into built environments that equitably support and include people of different backgrounds, resources, and abilities.

Student Criteria

SC.1 Health, Safety, and Welfare in the Built Environment—How the program ensures that students understand the impact of the built environment on human health, safety, and welfare at multiple scales, from buildings to cities.

SC.2 Professional Practice—How the program ensures that students understand professional ethics, the regulatory requirements, the fundamental business processes relevant to architecture practice in the United States, and the forces influencing change in these subjects.

SC.3 Regulatory Context—How the program ensures that students understand the fundamental principles of life safety, land use, and current laws and regulations that apply to buildings and sites in the United States, and the evaluative process architects use to comply with those laws and regulations as part of a project.

SC.4 Technical Knowledge—How the program ensures that students understand the established and emerging systems, technologies, and assemblies of building construction, and the methods and criteria architects use to assess those technologies against the design, economics, and performance objectives of projects.

Illustration Credit COTE Top Ten Winner 2020

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