2.3 Facility Needs:

Presently HPL facilities are spread out on the site making it difficult to access without a car and there are no continuous walking or biking paths. The dispersed site also lacks a point of arrival. While DuPont Lane, a tree lined road serves as the formal entrance to campus from the ram decorated pillars, all the way to the old DuPont home, the latter is too far inside the campus to serve as a welcome center. Coastal Science is the first building one encounters on DuPont Lane; it does not serve as an appropriate welcome center to the campus. A more formal arrival point needs to be established on DuPont Lane to welcome and orient visitors to the HPL campus. Also to be noted is the lack of visibility of much of HPL’s diverse and rich natural environment from DuPont lane. This is especially noted during the summer months, where view of the marshes is completely blocked off by high shrubs.

Laboratory

- Morris Marine needs major renovation. Current facility is reaching end of useful life and will not be able to support modern laboratory needs.
- Need larger shared labs to increase collaboration among researchers and students, as well as increasing support for the proposed expansion of the program to winter and summer classes.
- Need additional analytical laboratories for water quality testing.

Instruction

- EE program needs to improve its presence on campus through landscaping and signage to navigate and inform visitors about environmental issues and research being conducted.
- Renovate and convert old laboratories into teaching labs.

Office/Admin

- Additional offices for faculty, graduate students and post-doctoral candidates.
- Small conference rooms in close proximity to faculty and student offices.
Other

- Student Residences are outdated and need renovation. Expansion is needed to support the projected growth in graduate students and undergraduate summer internships.

- Lecture hall/auditorium to accommodate approximately 100-150 attendees. Such a facility would help achieve HPL’s goal of scientific collaboration by enabling the lab to host larger conferences with UMCES researchers and international scientists. Associated smaller meeting places and break out rooms would also be needed.

- Additional library space is needed to serve the growing HPL community. The current space is still in the original 772 square foot room in the Coastal Science Laboratory, which was built in 1978. The space is over crowded and does not provide study space for faculty, researchers or students. The library is not a destination or used to its capacity compared to other peer institutions.

- The Electric transformer by the river needs to be relocated due to riverbank problems.

- A central place for all members of UMCES to gather for lunch or larger all hands meeting is needed to help foster a stronger sense of community.

- Accessibility is still problematic in the older buildings on campus. (EE building - direction of the wood decking is not ADA compliant.)

- Campus exterior lighting needs improvement.

- Need additional recreational facilities on campus. Currently there are only outdoor courts, walking paths, and shower facilities.

- Need 9-11 track poles for campus security.

- Some buildings need back-up generators (EE and some of the labs are on limited emergency power.

- An additional well and water tower are needed to serve the growing research community at HPL.

- Need campus wide resurfacing of the road system.

- Campus Signage.