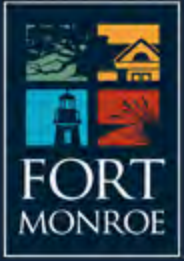


FORT MONROE WATERFRONT PARK

February 09, 2016



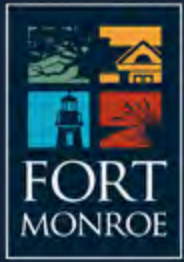
OCULUS



THEMES:

- Series of Experiences
- Connectivity
- Cohesiveness
- Multi-functional Spaces
- Resiliency





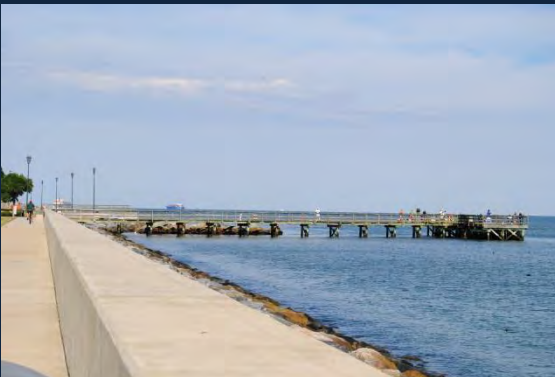
THEME:

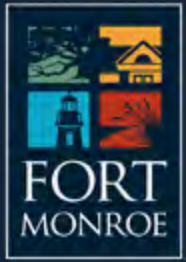
SERIES OF EXPERIENCES

- History
- Water / Beaches
- Open Space
- Nature

CONNECTIVITY

- Sidewalks
- Multi-use Trails
- Roads
- Water

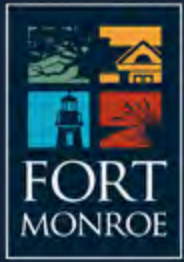




THEME: COHESIVENESS

- Details
- Materials
- Repetition

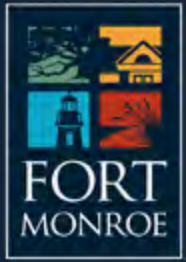




THEME: MULTI-FUNCTIONAL SPACES

- Passive Use
- Active Use





THEME: RESILIENCY

- Sea-level Rise
- LID Techniques



Brock Environmental Center, Virginia Beach



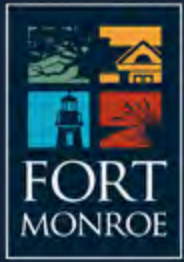
Portland, OR



Virginia Beach, VA



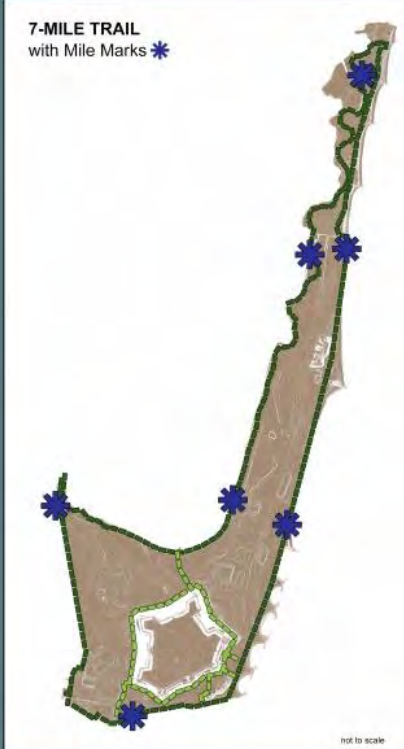
Buckingham Co ES, Dillwyn, VA

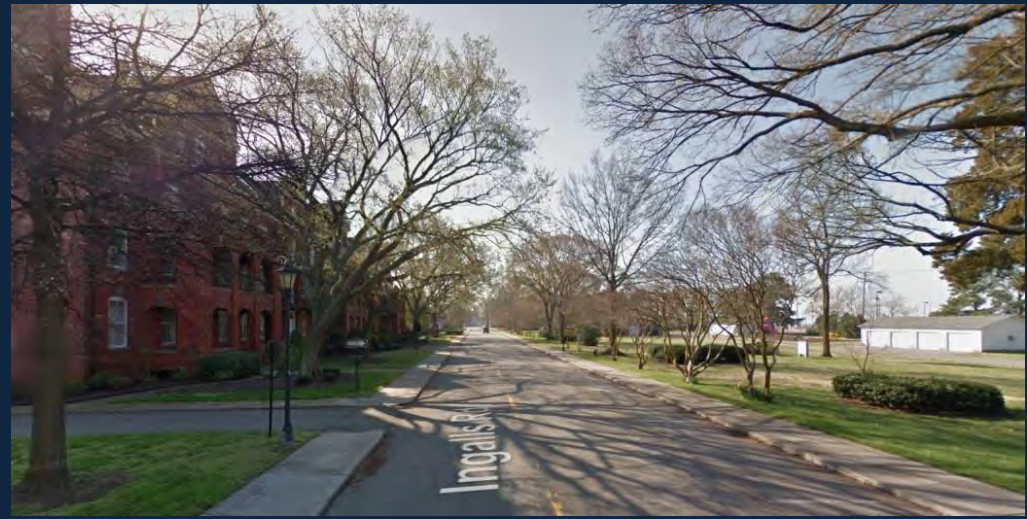


OVERALL WATERFRONT PARK PLAN & 10 STUDY AREAS:

- 1 ENTRANCE
- 2 MARINA
- 3 CONTINENTAL PARK
- 4 ENGINEER WHARF (FISHING PIER)
- 5 BATTERY & OUTLOOK BEACH
- 6 GLACIS
- 7 WHERRY QUARTER
- 8 KAYAK LAUNCH
- 9 COMMUNITY CENTER
- 10 400-YEAR COMMEMORATION AREA







PROGRAM:

- ENHANCE SENSE OF ARRIVAL
- CONSIDER WALL CONFIGURATION (SERIES OF BARRIERS AS FEATURES)
- ENHANCE WAYFINDING
- CONSIDER VEHICULAR PULL-OFF
- REMOVE / RELOCATE KIOSK
- REMOVE GUARD BUILDING
- CONSIDER DECORATIVE PAVING (INGALLS RD HISTORICALLY ASPHALT PAVER BLOCKS)
- TROLLEY ROUTE
- ENHANCE & CREATE PEDESTRIAN & VEHICULAR CONNECTIONS
- PROVIDE NPS SIGN LOCATION
- CONSIDER AREA FOR PUBLIC ART





Savannah, GA



Youngstown, OH



Kent, OH

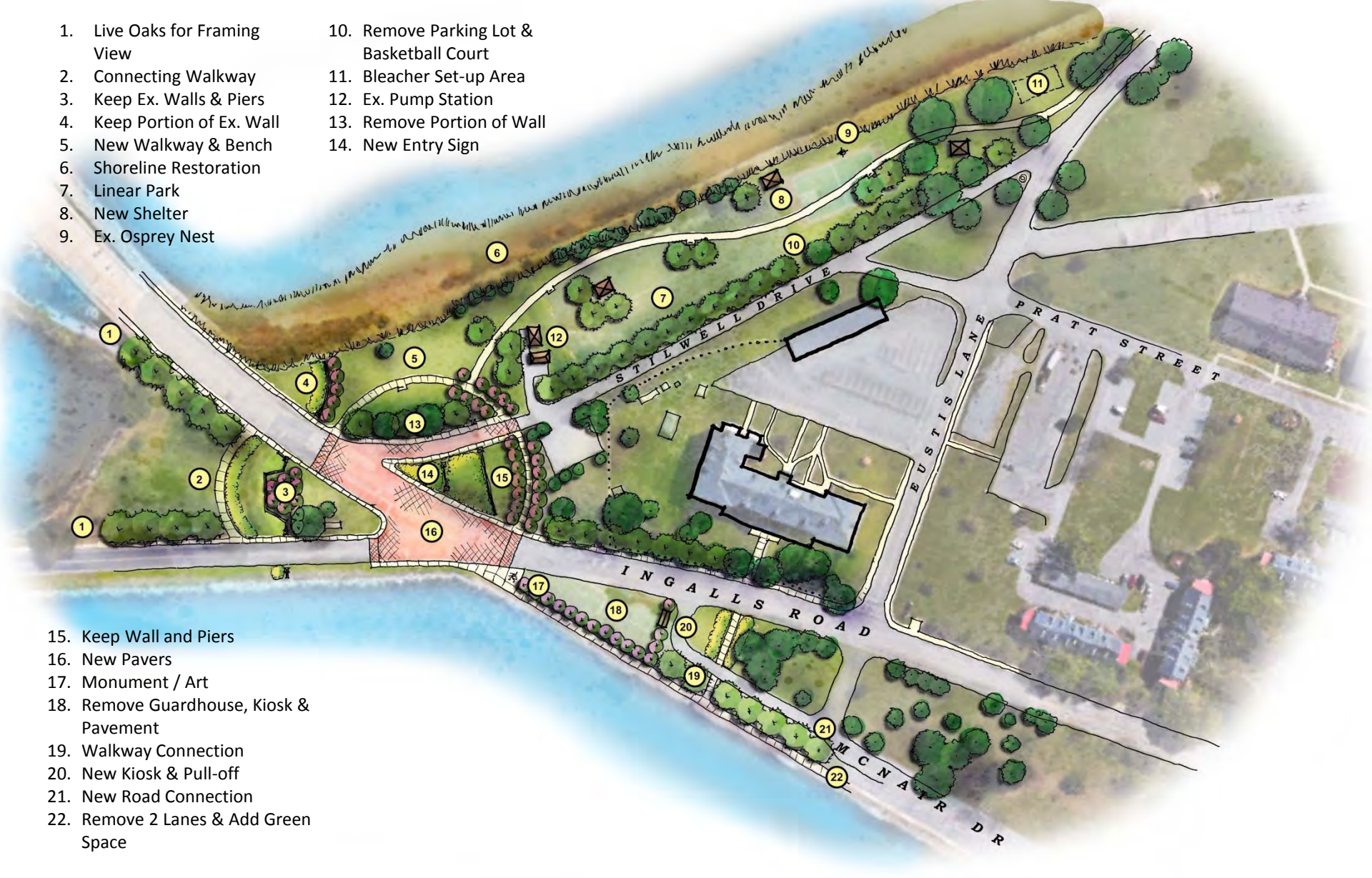


Hampton, VA



1. Live Oaks for Framing View
2. Connecting Walkway
3. Keep Ex. Walls & Piers
4. Keep Portion of Ex. Wall
5. New Walkway & Bench
6. Shoreline Restoration
7. Linear Park
8. New Shelter
9. Ex. Osprey Nest
10. Remove Parking Lot & Basketball Court
11. Bleacher Set-up Area
12. Ex. Pump Station
13. Remove Portion of Wall
14. New Entry Sign

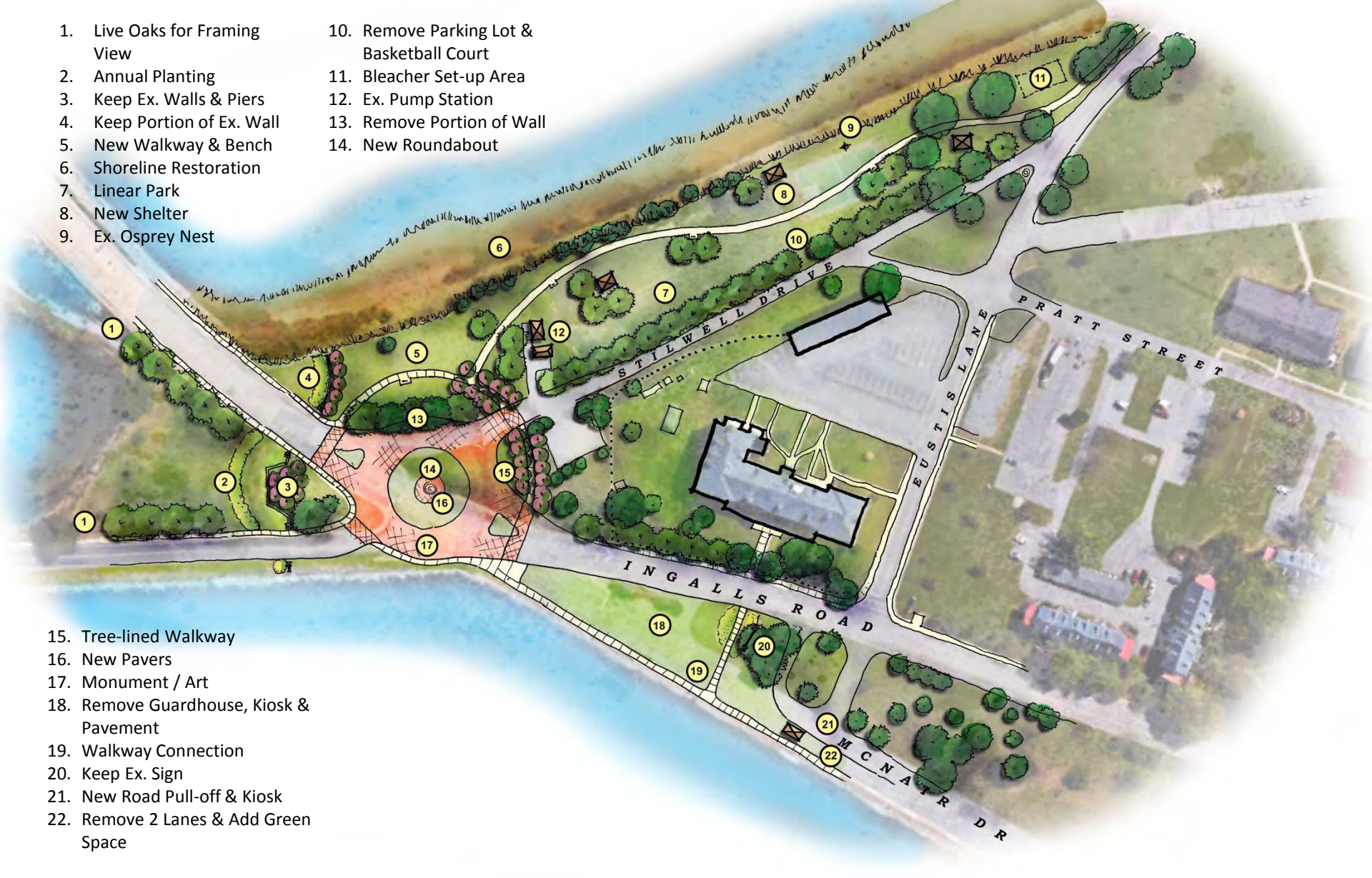
15. Keep Wall and Piers
16. New Pavers
17. Monument / Art
18. Remove Guardhouse, Kiosk & Pavement
19. Walkway Connection
20. New Kiosk & Pull-off
21. New Road Connection
22. Remove 2 Lanes & Add Green Space





1. Live Oaks for Framing View
2. Annual Planting
3. Keep Ex. Walls & Piers
4. Keep Portion of Ex. Wall
5. New Walkway & Bench
6. Shoreline Restoration
7. Linear Park
8. New Shelter
9. Ex. Osprey Nest
10. Remove Parking Lot & Basketball Court
11. Bleacher Set-up Area
12. Ex. Pump Station
13. Remove Portion of Wall
14. New Roundabout

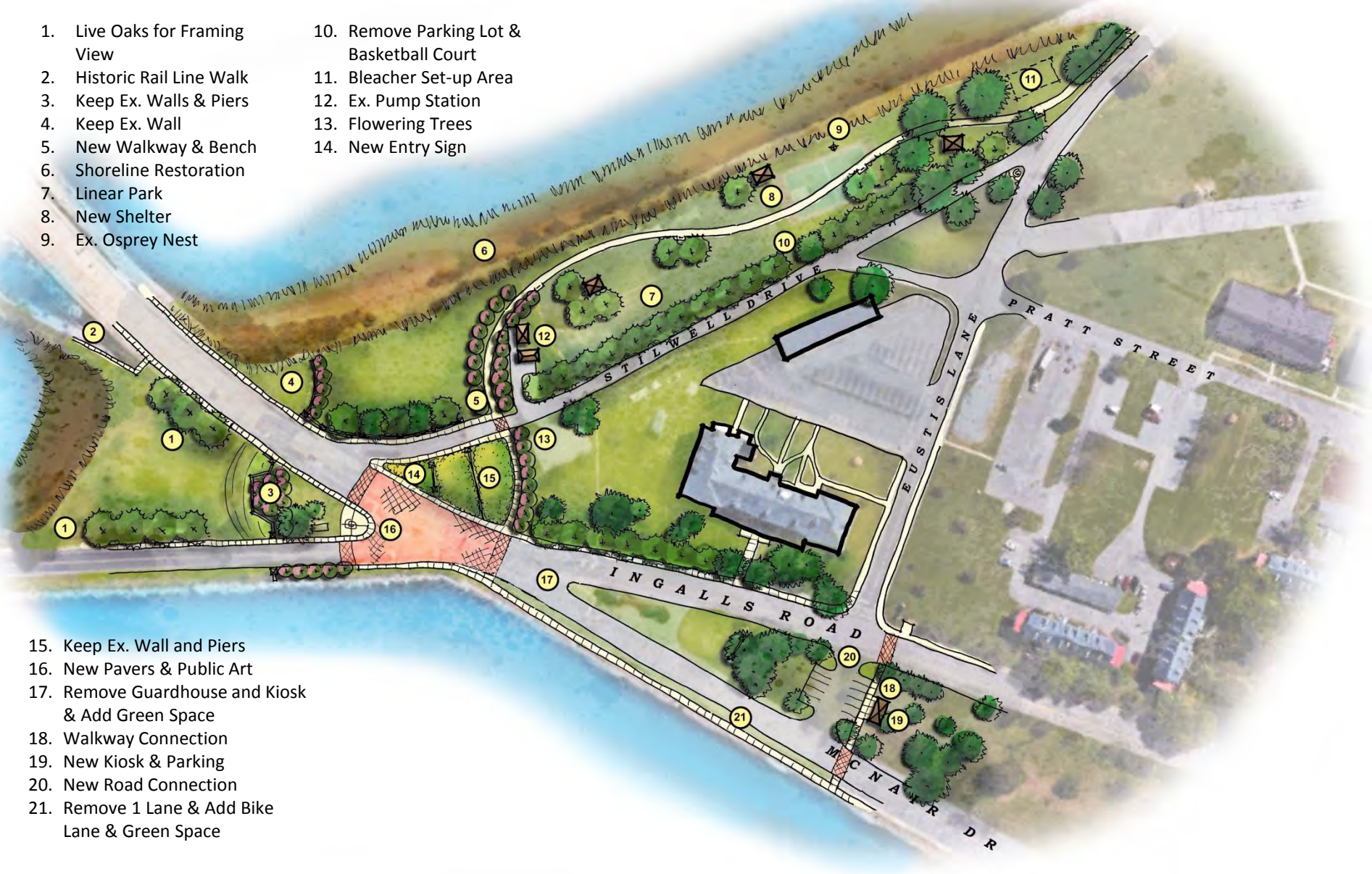
15. Tree-lined Walkway
16. New Pavers
17. Monument / Art
18. Remove Guardhouse, Kiosk & Pavement
19. Walkway Connection
20. Keep Ex. Sign
21. New Road Pull-off & Kiosk
22. Remove 2 Lanes & Add Green Space

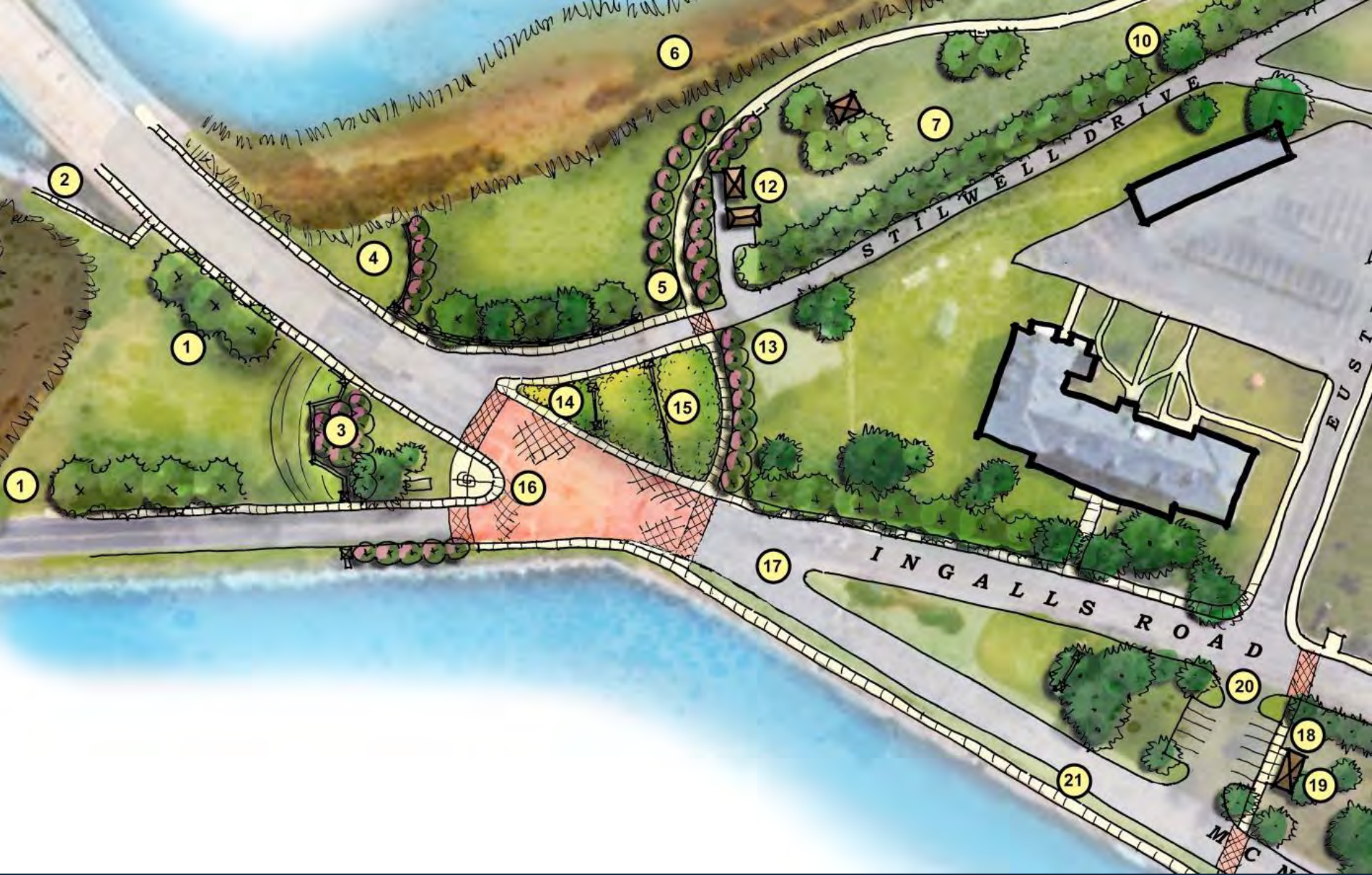


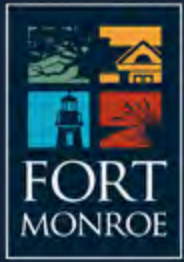


1. Live Oaks for Framing View
2. Historic Rail Line Walk
3. Keep Ex. Walls & Piers
4. Keep Ex. Wall
5. New Walkway & Bench
6. Shoreline Restoration
7. Linear Park
8. New Shelter
9. Ex. Osprey Nest
10. Remove Parking Lot & Basketball Court
11. Bleacher Set-up Area
12. Ex. Pump Station
13. Flowering Trees
14. New Entry Sign

15. Keep Ex. Wall and Piers
16. New Pavers & Public Art
17. Remove Guardhouse and Kiosk & Add Green Space
18. Walkway Connection
19. New Kiosk & Parking
20. New Road Connection
21. Remove 1 Lane & Add Bike Lane & Green Space







STUDY AREA 2: MARINA / MCNAIR DRIVE





PROGRAM:

- CONSIDER EXPANDING MARINA
- MCNAIR DRIVE WIDTH REDUCTION
- EXPAND PEDESTRIAN WALK
- ENHANCE WATERFRONT CONNECTIONS
- RE-WORK PIER GATES
- CREATE FEATURES TO REFLECT HISTORIC RIDING GROUNDS
- CONSIDER PARKING FOR RESIDENTIAL VS. MARINA
- CONSIDER PARKING FOR MARINA VS. THEATER
- CONSIDER ADAPTIVE RE-USE OF BUILDINGS
- EDUCATION CENTER
- RESTAURANT W/ OUTDOOR SEATING
- RESTROOMS
- PROVIDE CONNECTIONS AROUND BUILDINGS
- PROVIDE ADDITIONAL SITE AMENITIES





Hong Kong, China



Boston, MA



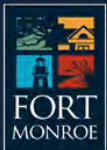
San Francisco, CA



Virginia Beach, VA



Beaufort, SC

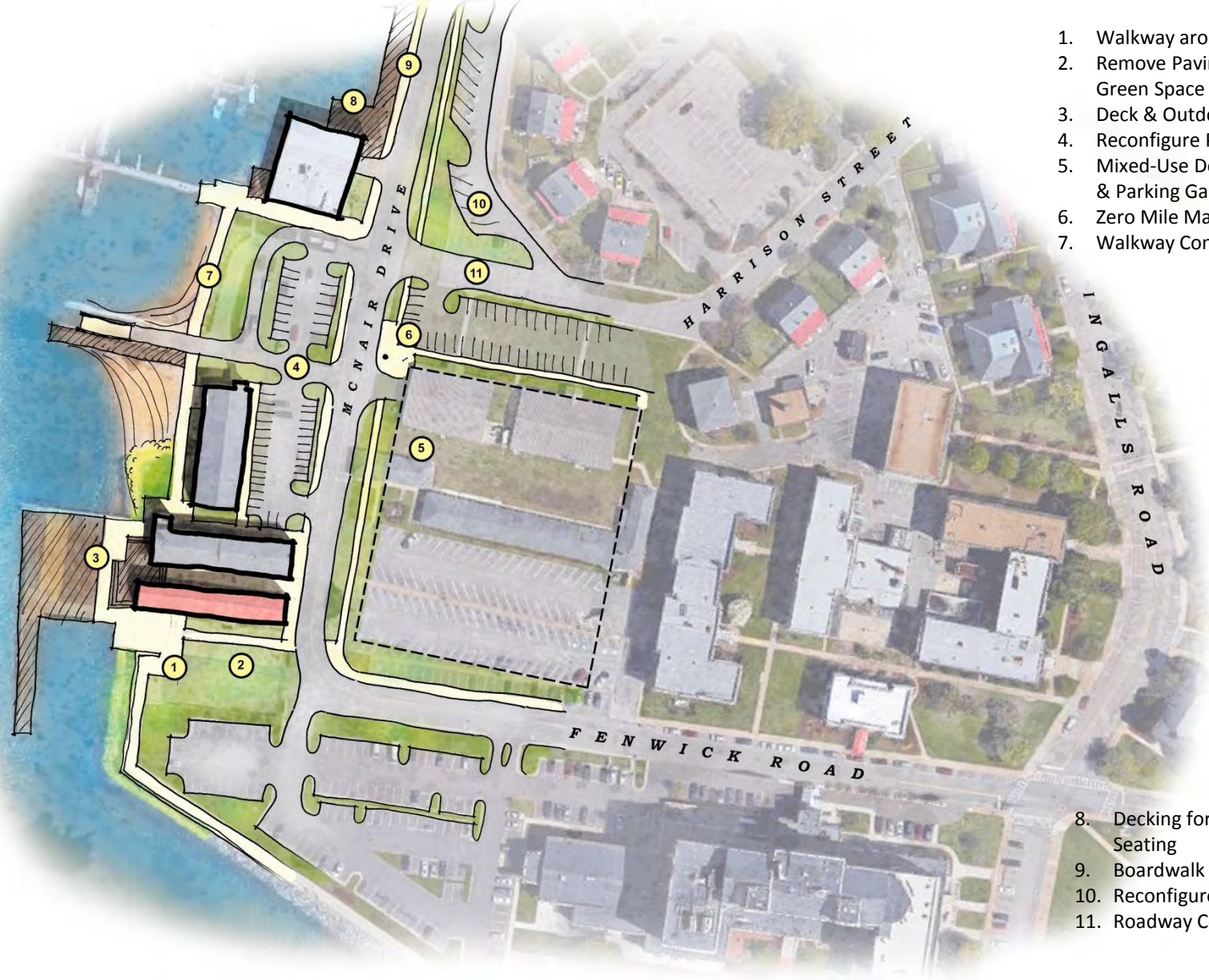


STUDY AREA 2: MARINA / MCNAIR DRIVE INSPIRATION

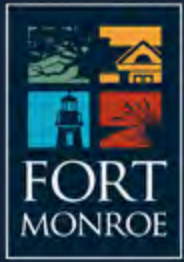


1. Walkway around Seawall
2. Remove Paving & Create Green Space
3. Deck & Outdoor Seating
4. Reconfigure Parking
5. Mixed-Use Development & Parking Garage
6. Zero Mile Marker Plaza
7. Walkway Connection

8. Decking for Outdoor Seating
9. Boardwalk / Walkway
10. Reconfigure Parking
11. Roadway Connection







STUDY AREA 3: CONTINENTAL PARK



PROGRAM:

- MAINTAIN PARK FOR PRIVATE EVENTS
- CONSIDER TIMING OF USE (NOTHING LATE-NIGHT)
- CONSIDER RESTROOMS FOR SMALL EVENTS
- LOCATION NEEDED FOR PORTABLE RESTROOMS FOR LARGE EVENTS
- CONSIDER BANDSTAND ORIENTATION (MAINTAIN HISTORIC ORIENTATION)
- CONSIDER WALKWAY ALIGNMENT (CURRENT ALIGNMENT NOT HISTORIC)
- AREA NEEDED FOR PULL-OFF
- ENHANCE VEHICULAR ACCESS FOR LOADING / UNLOADING
- POTENTIAL TO PROVIDE STREET TREES (TREES WERE LOCATED HISTORICALLY ALONG FENWICK RD)
- CONSIDER SHADOW CAST FROM CHAMBERLIN
- CONSIDER TYPES OF FESTIVALS / EVENTS
- PROVIDE OTHER STAGE AREAS
- PROVIDE STORAGE
- CONSIDER USE DURING NON-EVENTS
- CONSIDER INVISIBLE SOLUTIONS
- ENHANCE CROWD CONTROL AND SAFETY
- CHANGING ROOMS





Figure 22. The Hotel Chamberlin (Casemate Museum).



Figure 118. View along waterfront, date unknown (Casemate Museum).

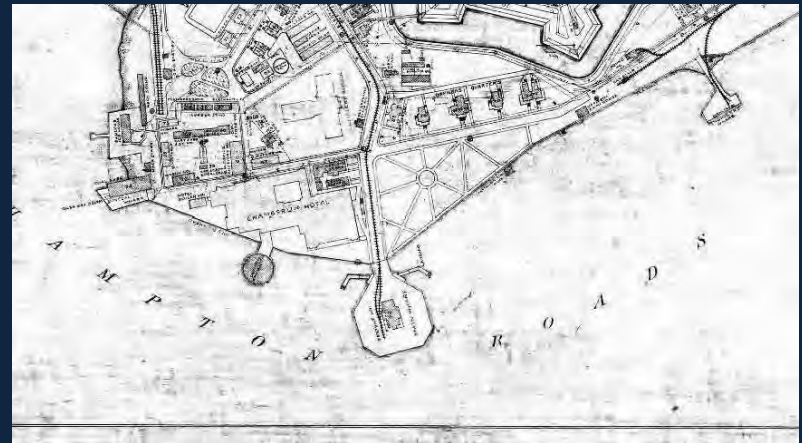
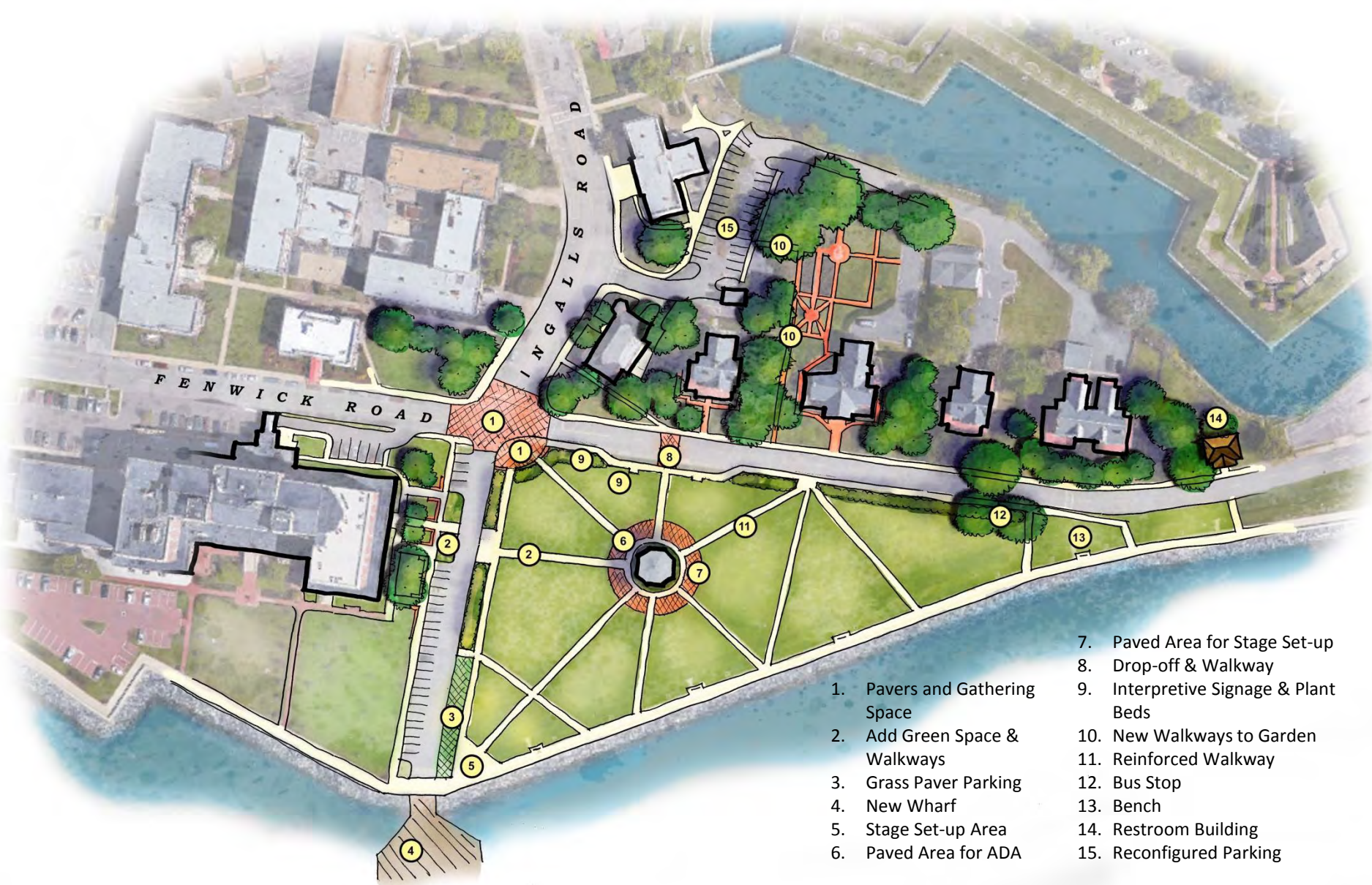
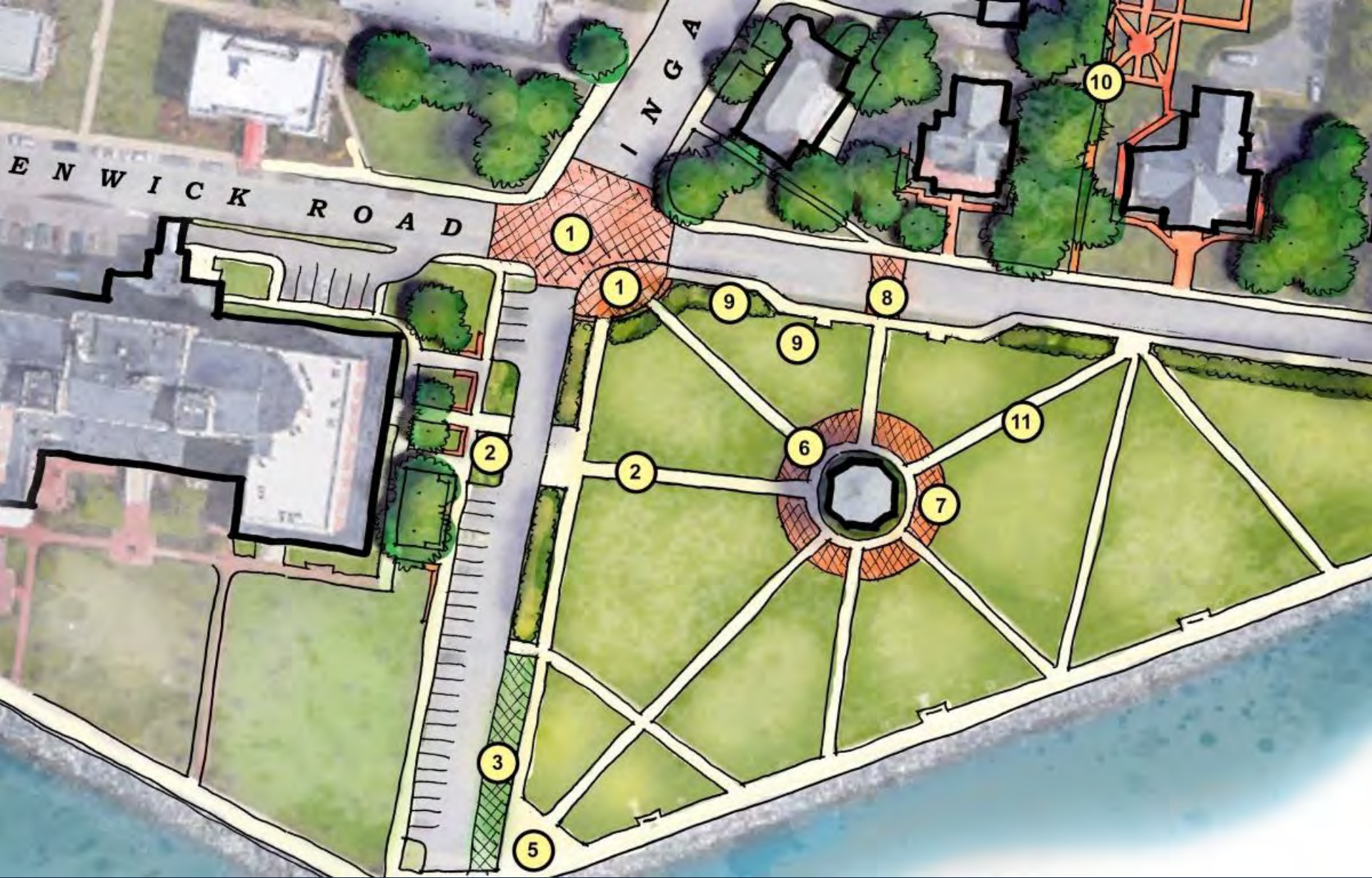


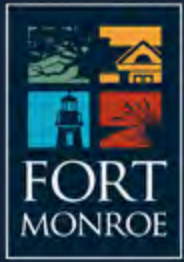
Figure 57. Fort Monroe, 1904 (NARA College Park).





1. Pavers and Gathering Space
2. Add Green Space & Walkways
3. Grass Paver Parking
4. New Wharf
5. Stage Set-up Area
6. Paved Area for ADA
7. Paved Area for Stage Set-up
8. Drop-off & Walkway
9. Interpretive Signage & Plant Beds
10. New Walkways to Garden
11. Reinforced Walkway
12. Bus Stop
13. Bench
14. Restroom Building
15. Reconfigured Parking





STUDY AREA 4: ENGINEER WHARF (FISHING PIER)



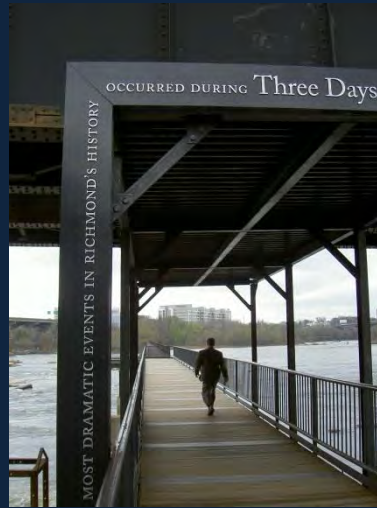
PROGRAM:

- ENHANCE PARKING FOR FISHING
- MAINTAIN ADA ACCESSIBILITY TO PIER
- MAINTAIN EMERGENCY ACCESS
- ENHANCE PEDESTRIAN SAFETY / CROSSING
- CONSIDER VEHICULAR SAFETY
- CONSIDER TRAFFIC CALMING
- CREATE SPACE FOR GATHERINGS AT 1619 MARKER
- CONSIDER PUBLIC ART
- CONSIDER PHOTOGRAPHY OPPORTUNITIES
- ENHANCE AND CREATE CONNECTIONS





Leonardtown, MD



Richmond, VA



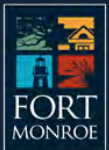
Permeable Paving, Chesapeake, VA



Mt. Vernon



Beaufort, SC

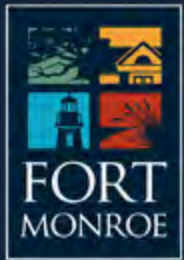


STUDY AREA 4: ENGINEER WHARF INSPIRATION









STUDY AREA 5: BATTERY & OUTLOOK BEACH



PROGRAM:

- OPPORTUNITY FOR PRIVATE EVENT SPACE BEHIND BATTERY
- BEACH / LAWN / PIER RENTAL SPACE
- CREATE OVERFLOW PARKING AREAS
- POTENTIAL FOR PEDESTRIAN BRIDGE TO INNER FORT
- PROVIDE ALTERNATE PATH FOR PRIVATE EVENT CLOSURE
- MAINTAIN & ENHANCE EXISTING PARKING LOTS FOR BUS & VEHICULAR PARKING
- MAINTAIN VEHICULAR ACCESS TO GULICK DRIVE / BOARDWALK
- REMOVE GUARDRAIL & CREATE MORE ACCESS POINTS TO BEACH
- PROVIDE SITE AMENITIES & FURNISHINGS
- CONSIDER ADAPTIVE RE-USE OF BUILDING 300





Lee Square Park, Bowling Green, KY



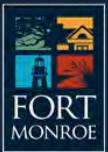
Farmville, VA



Playground, Toronto



Myrtle Beach, SC



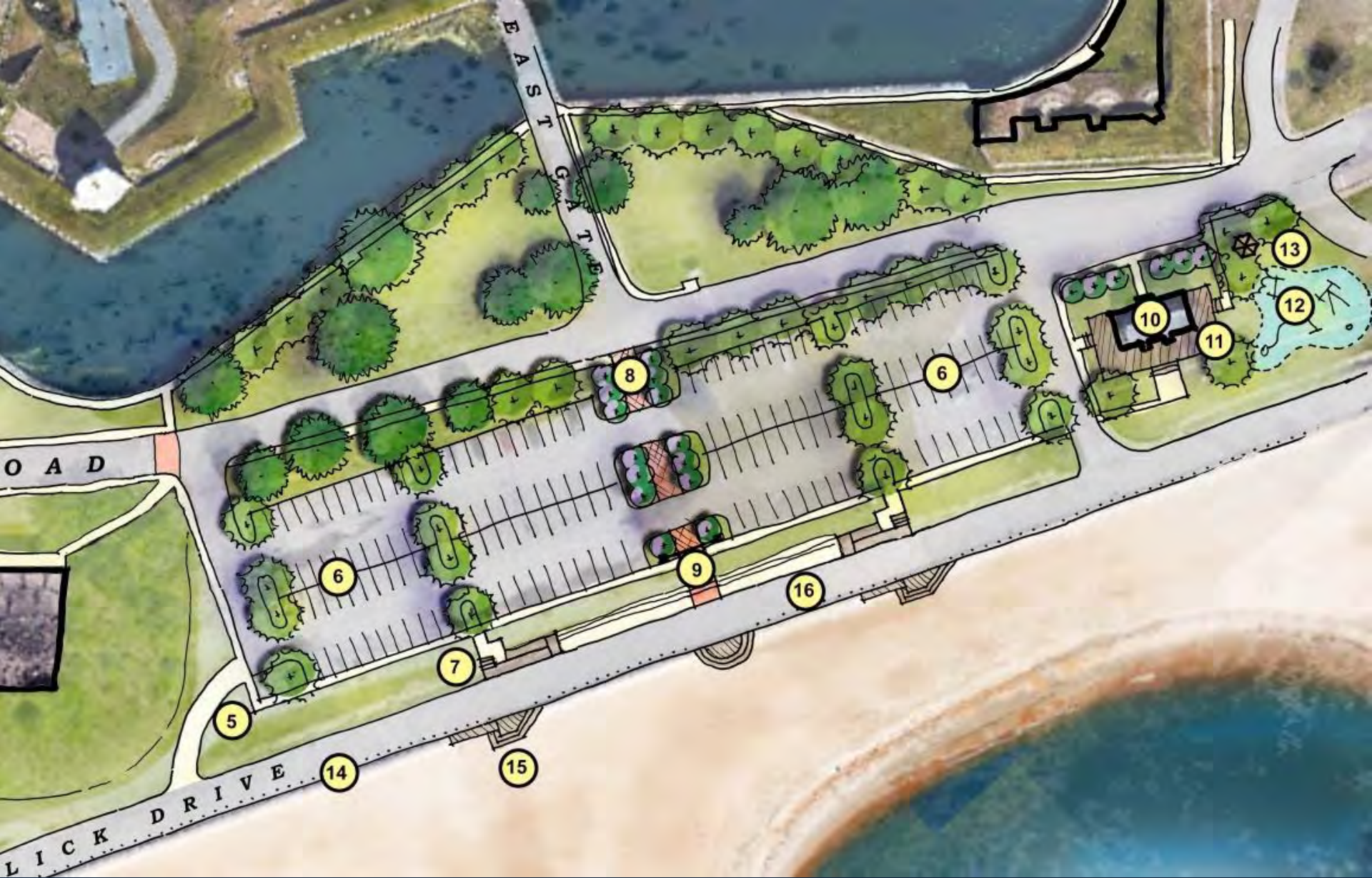
STUDY AREA 5: BATTERY & OUTLOOK BEACH INSPIRATION



1. Shelter Location & Walkway
2. ADA Ramp
3. Earthworks Management
4. Alternative Pathway
5. Vehicular & ADA Access
6. Reconfigured Parking
Approx. 180 spaces



7. ADA Access
8. Walkway on Axis with Gate
9. Gateway & Amphitheater Steps
10. Building 300 Renovation
11. Deck & Outdoor Seating
12. New Playground
13. Shelters or Picnic Tables
14. New Decorative Guardrail
15. Beach Access (ADA)
16. Decorative Outdoor Furnishings
17. Pedestrian Bridge Connection to Fort



1. Shelter Location & Walkway
 2. ADA Ramp or Steps
 3. Earthworks Management
 4. Alternative Pathway
 5. Vehicular & ADA Access
 6. Reconfigured Parking
- Approx. 85 spaces



7. ADA Access
8. Walkway on Axis with Gate
9. Gateway
10. Building 300 Renovation
11. Deck & Outdoor Seating
12. Amphitheater-style Steps
13. Picnic Area
14. Large Shelter
15. Decorative Guardrail
16. Beach Access
17. Decorative Outdoor Furnishings
18. Pedestrian Bridge Connection



1. Shelter Location & Walkway
 2. ADA Ramp
 3. Earthworks Management
 4. Alternative Pathway
 5. Vehicular & ADA Access
 6. Reconfigured Parking
- Approx. 120 spaces



7. ADA Access
8. Walkway on Axis with Gate
9. Gateway Feature
10. Building 300 Renovation
11. Deck & Outdoor Seating
12. New Playground
13. Shelters or Picnic Tables
14. Large Shelter
15. Decorative Guardrail
16. Beach Access
17. Decorative Outdoor Furnishings
18. Pedestrian Bridge Connection

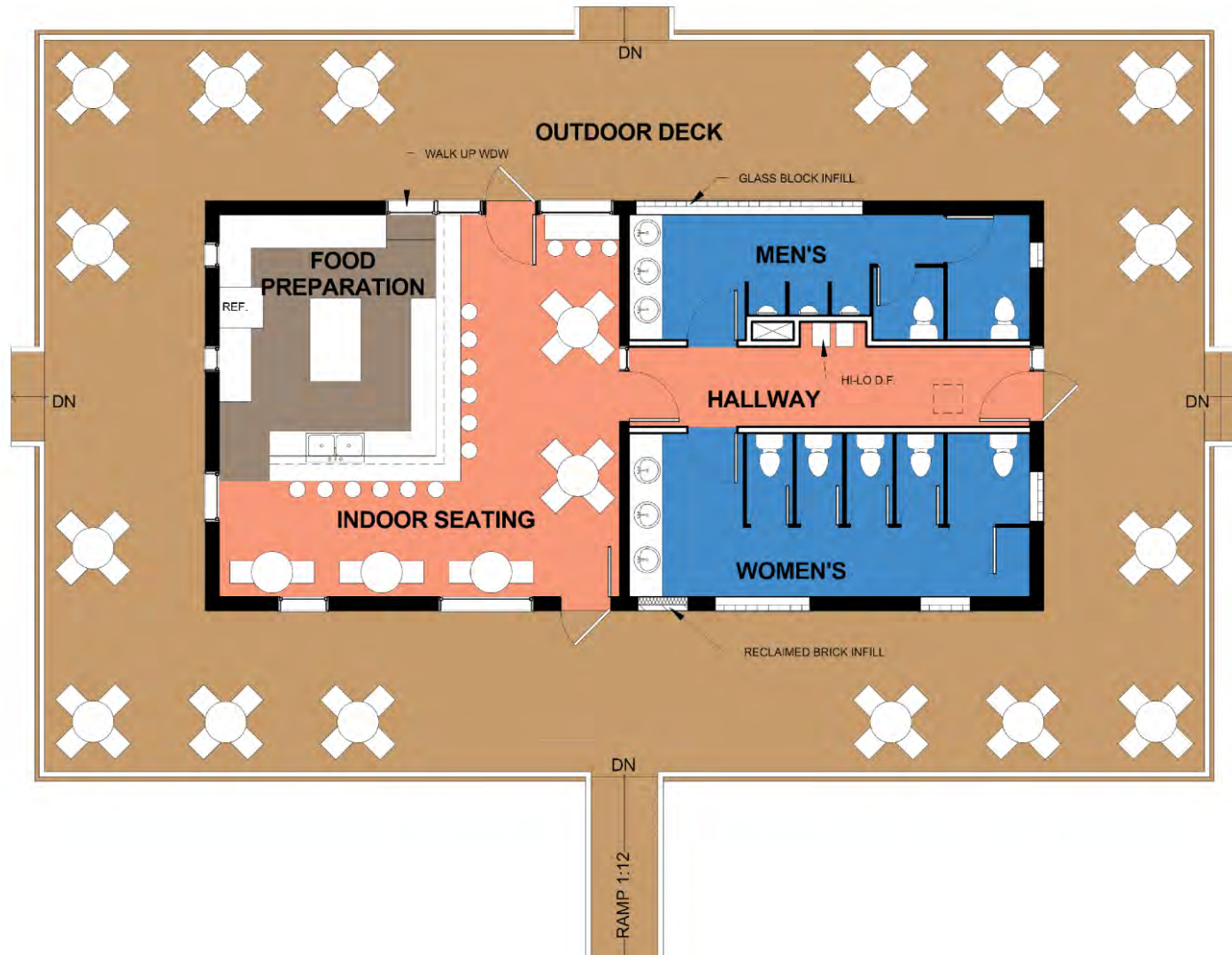




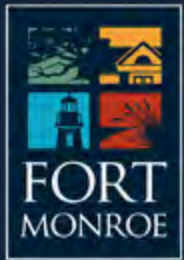
Existing Building



Proposed Rendering



Proposed Plan



STUDY AREA 6: GLACIS





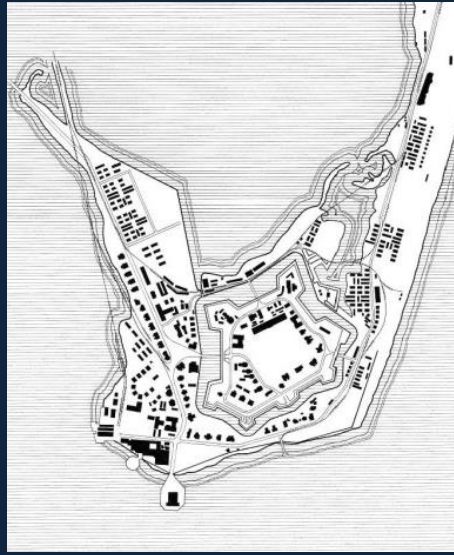
PROGRAM:

- CONSIDER ADAPTIVE RE-USE OF BLDG 88 AND RANGE BUILDING
- MAINTAIN VIEWS TO FIREWORKS
- PROVIDE MORE PERMANENT PARKING
- CONSIDER A STAGE AREA FOR EVENTS
- PROVIDE SHADE
- MAINTAIN MOAT ACCESS





Stage Example, Yorktown, VA



Circa 1919



Crissy Field, San Francisco, CA



Chattanooga, TN

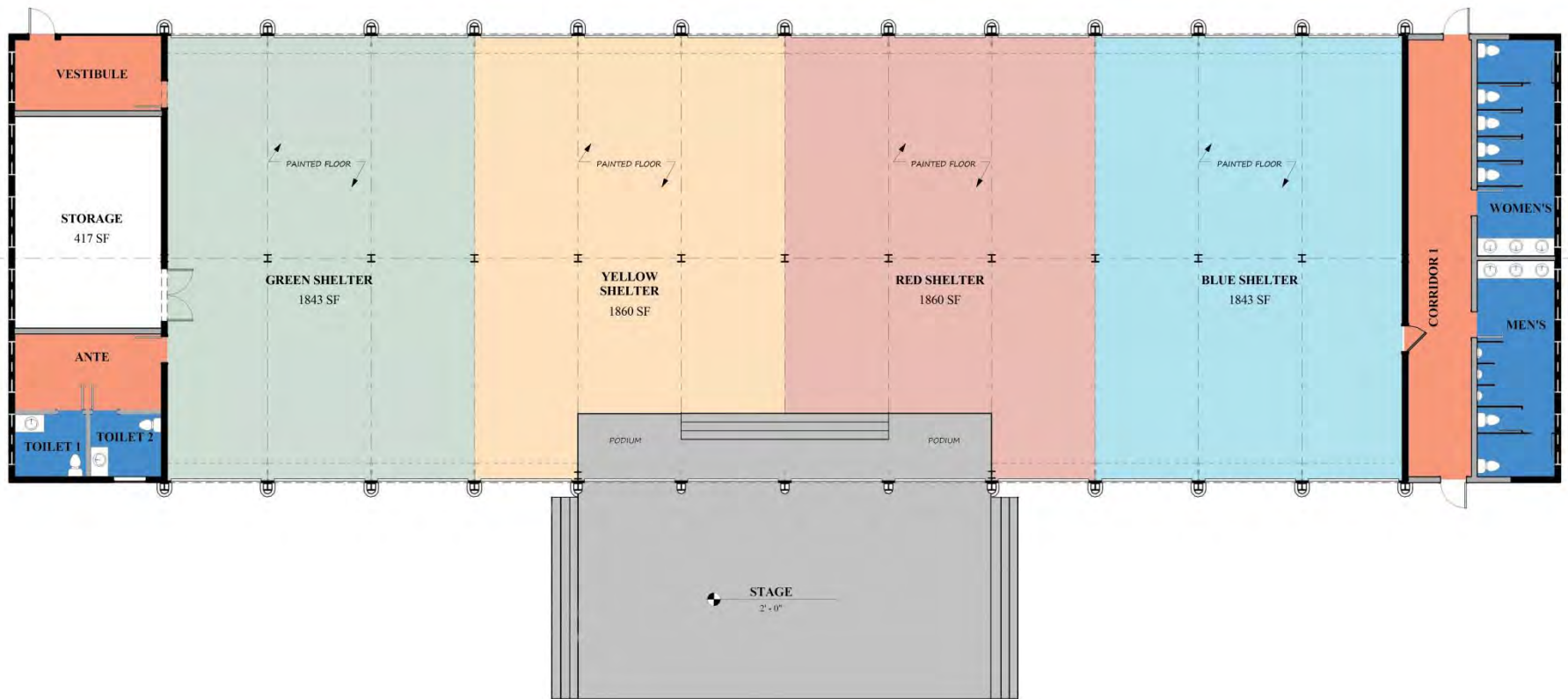


Norfolk, VA





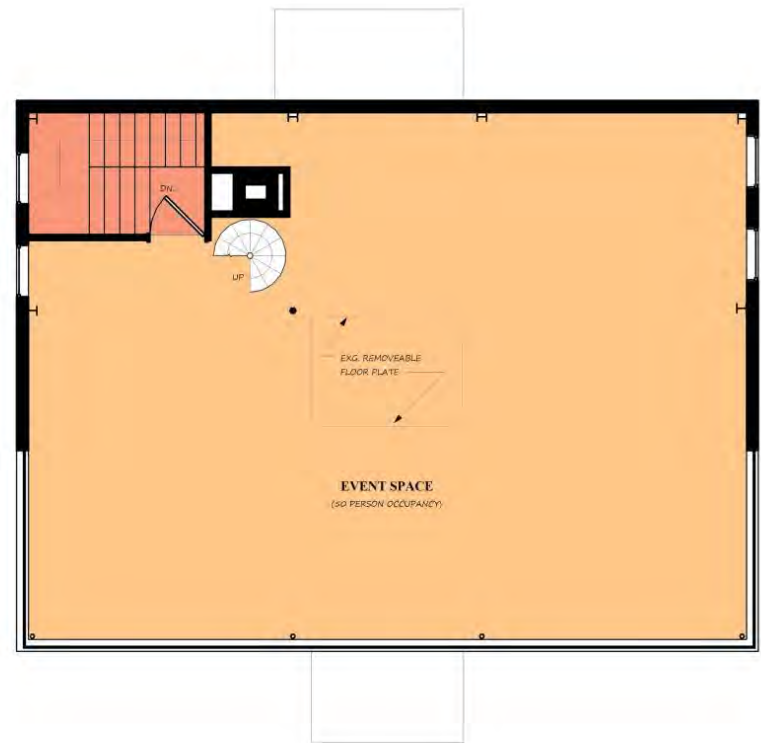




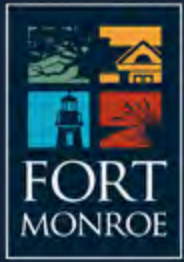
Proposed Plan



Proposed Plan (1st Floor)



Proposed Plan (2nd Floor)



STUDY AREA 7: WHERRY QUARTER





PROGRAM:

- MAINTAIN AS RENTABLE OPEN SPACE
- CONSIDER ADA ACCESS ISSUES WITH REMAINING CURB
- CONSIDER LAYOUT FOR EVENTS (UTILITIES, PARKING, ETC.)
- CONSIDER MULTI-PURPOSE SOLUTIONS
- PROVIDE MORE ACCESS TO BOARDWALK
- CONNECTIONS TO NPS PROPERTY
- CONNECTION TO PARADISE OCEAN CLUB

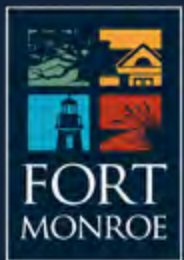






1. Shelter
2. Soccer / Multi-purpose Fields
3. Ex. Steps
4. Shelter / Concession
5. ADA Access or Amphitheater Seating
6. Remove Parking & O/H Utilities
7. New Parking Lot
8. New Roadway Connection
9. New Roadway Connection
10. Jr. Soccer / Multi-purpose Fields
11. Create Grassed Slope for Seating





STUDY AREA 8: KAYAK LAUNCH





PROGRAM:

- PROVIDE SITE AMENITIES (GAZEBO, BOARDWALK, SITE FURNITURE)
- PROVIDE RESTROOM BUILDINGS
- PROVIDE PEDESTRIAN CONNECTIONS
- CONSIDER PARKING (TRAILER / BOAT/VEHICULAR)
- CONSIDER EVENTS (SAILING, RACING, COMPETITIONS)
- POTENTIAL ONE-WAY VEHICULAR CIRCULATION
- CONSIDER NEW VEHICULAR CONNECTIONS
- PROVIDE TRAFFIC CALMING
- PROVIDE CONNECTION TO BEACH
- POTENTIAL LIVING SHORELINE





Ljubljana, Slovenia



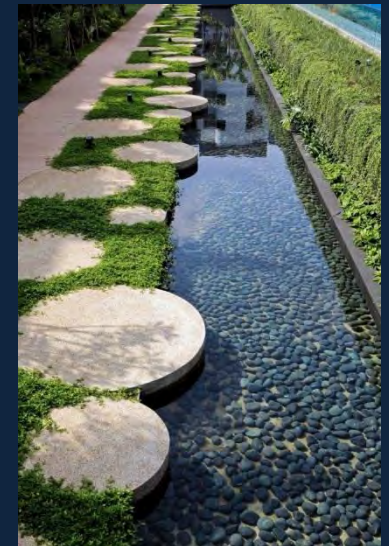
Pavilion Example



Hampton, VA



Shoreline Restoration



Path Example



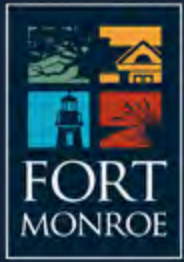
STUDY AREA 8: KAYAK LAUNCH INSPIRATION



1. Shoreline Restoration
2. Beach Area
3. ADA Access to Beach
4. Wood Deck for Seating / Viewing
5. Re-pave Kayak Launch Access
6. Steps
7. Connect with 7-mile Trail
8. Pavers
9. Monument Piers
10. Car & Trailer Parking (one-way)
11. Ex. Utility Bldg
12. Restroom / Bike & Kayak Rental
13. Shelter
14. Multi-purpose Field
15. New Roads and Parallel Parking
16. Event Set-up Area







STUDY AREA 9: COMMUNITY CENTER





PROGRAM:

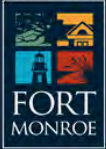
- 200' PIER PROPOSED (CITY OF HAMPTON)
- POTENTIAL LIVING SHORELINE
- CONSIDER REMOVING BERM
- CONNECTION TO NPS LAND



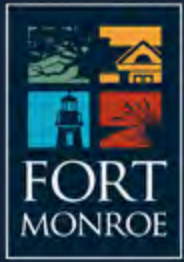


1. 7-mile Trail Connection
2. 200-foot Pier (location pending)
3. Shoreline Restoration
4. Walkways / Plaza
5. Connection to Air Strip
6. Walkway to Parking
7. Tent Set-up Area





STUDY AREA 9: COMMUNITY CENTER PROPOSED



STUDY AREA 10: 400-YEAR COMMEMORATION AREA

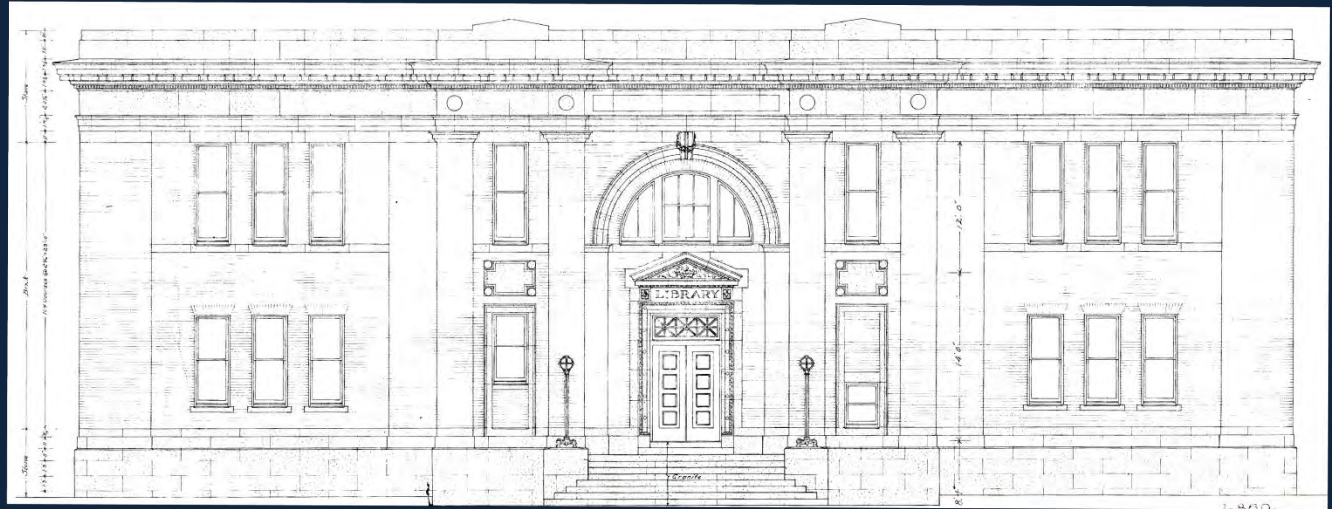


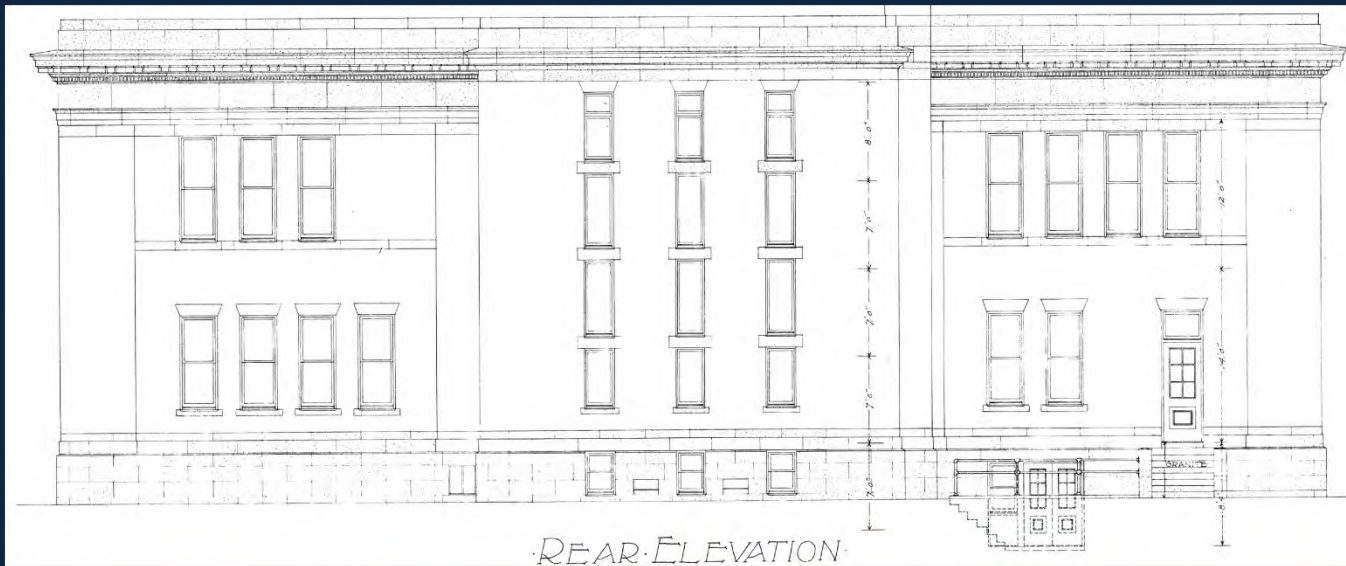


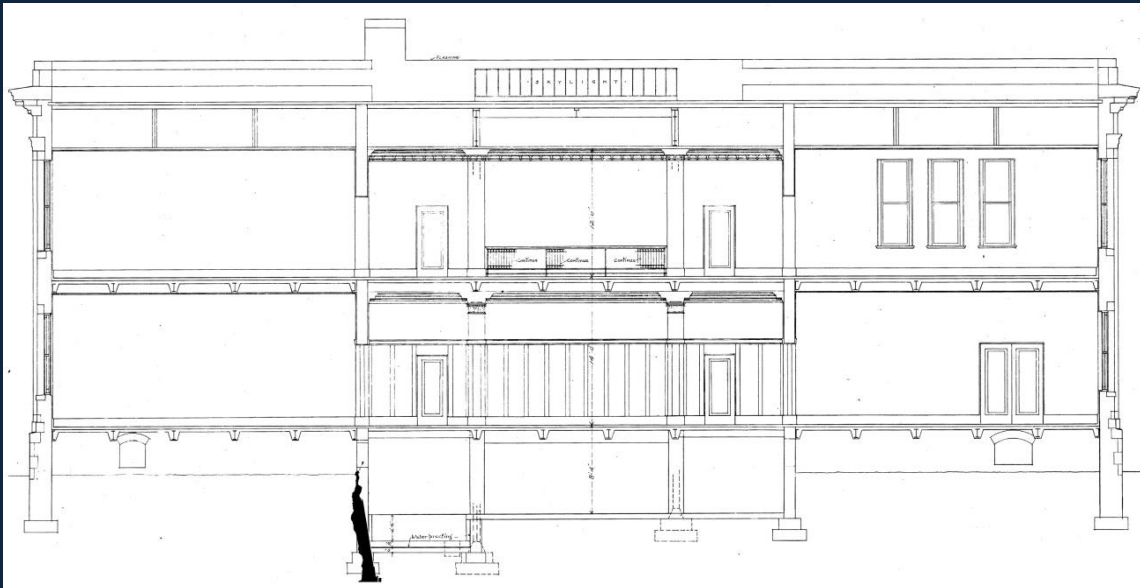
1. Building 138 – Post Library
2. Building 42 – Post Theatre
3. Cannon Park

INFORMATION:

- BUILT 1909
- RENOVATED 1946
- TWO STORIES 14,468 SF

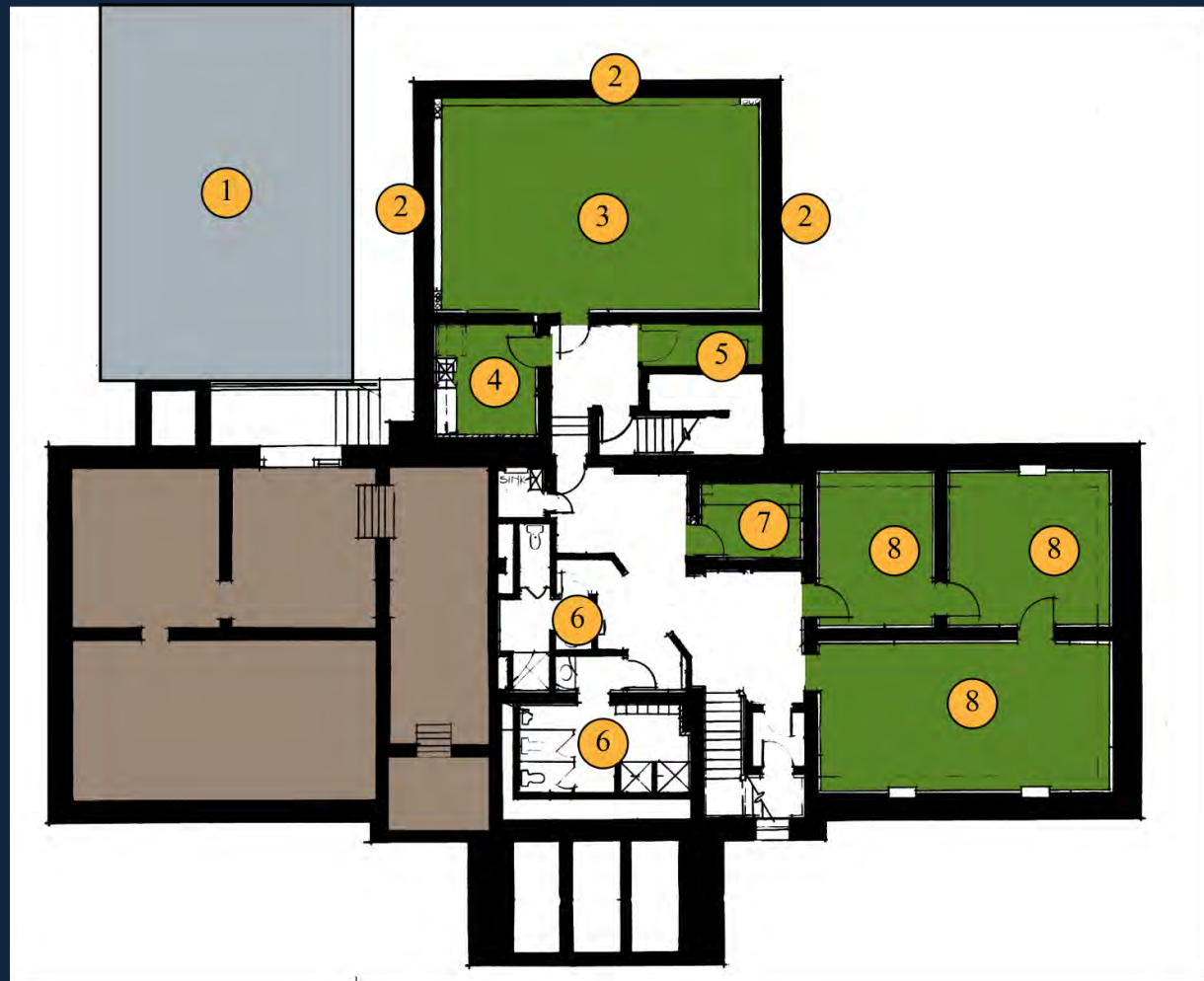








- | | | |
|-----------------------------------|------------------------|------------------------------------|
| 1. GLASS / STEEL / BRICK ADDITION | 4. BRIDGE | 7. FILM / VIEWING ROOM (FMA + NPS) |
| 2. ELEVATOR / STAIR | 5. RESTROOM | 8. ADA RAMP |
| 3. ADA RESTROOM | 6. VISITOR CENTER DESK | 9. EXISTING TRANSFORMERS |



- | | | | | | |
|----|----------------------------|----|-----------------|----|-------------|
| 1. | GLASS/STEEL/BRICK ADDITION | 3. | CONFERENCE ROOM | 6. | RESTROOM |
| 2. | RESTORED BASEMENT WINDOWS | 4. | STAFF PANTRY | 7. | SERVER ROOM |
| | | 5. | WORK ROOM | 8. | OFFICES |

SAMPLE CIRCULATION TOWER



HOUSTON PERMITTING CENTER, HOUSTON, TX

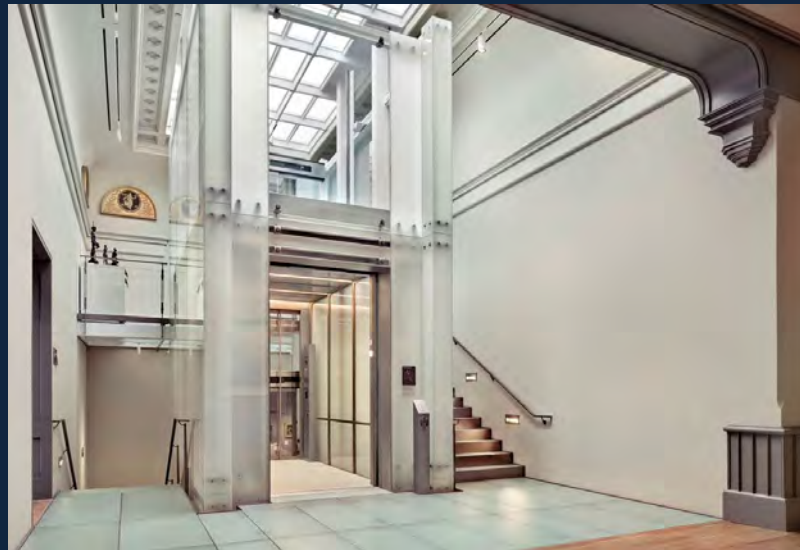


BIRMINGHAM, AL

MAP IDEA FOR ROOF GARDEN/ PLAZA



BIRMINGHAM, AL



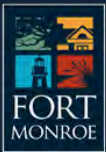
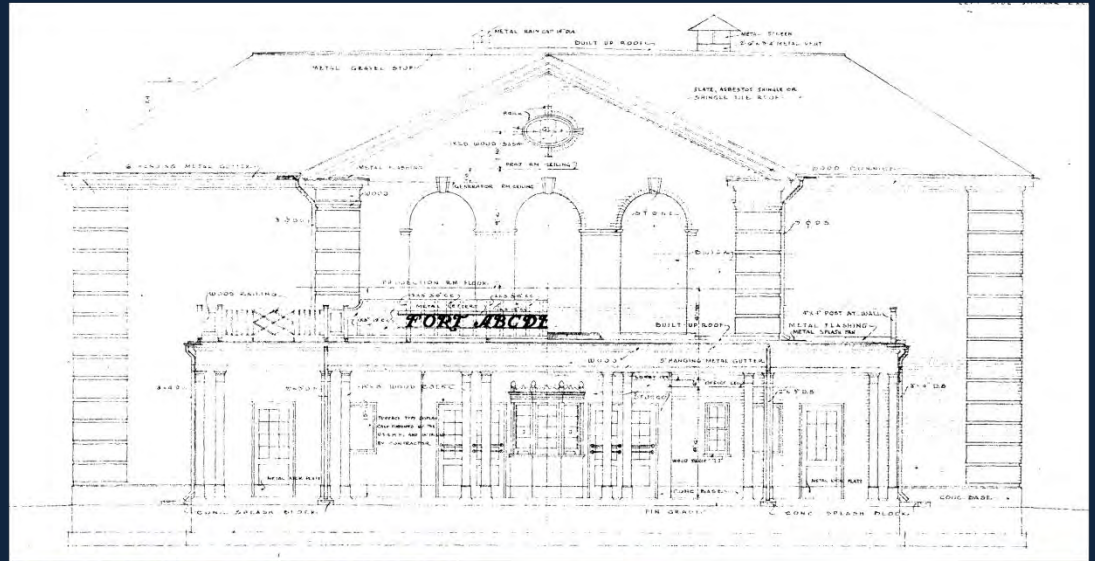
YALE UNIVERSITY ART GALLERY, NEW HAVEN, CT



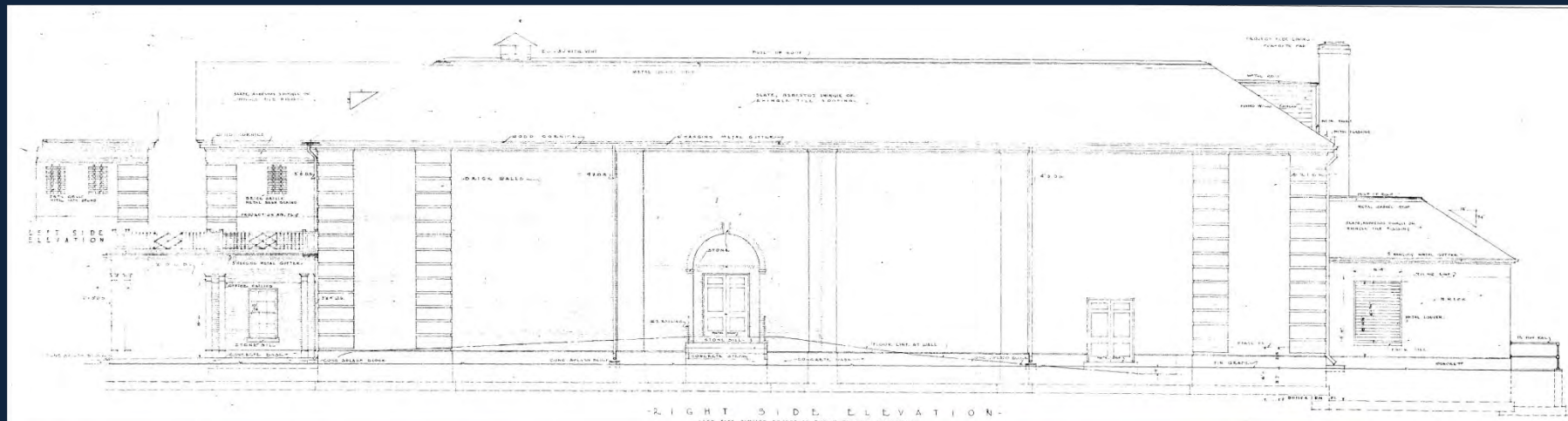
FT. MONROE

- BUILT 1938
- RENOVATED 1973, 1983, 1991
- TWO STORIES 10,450 SF

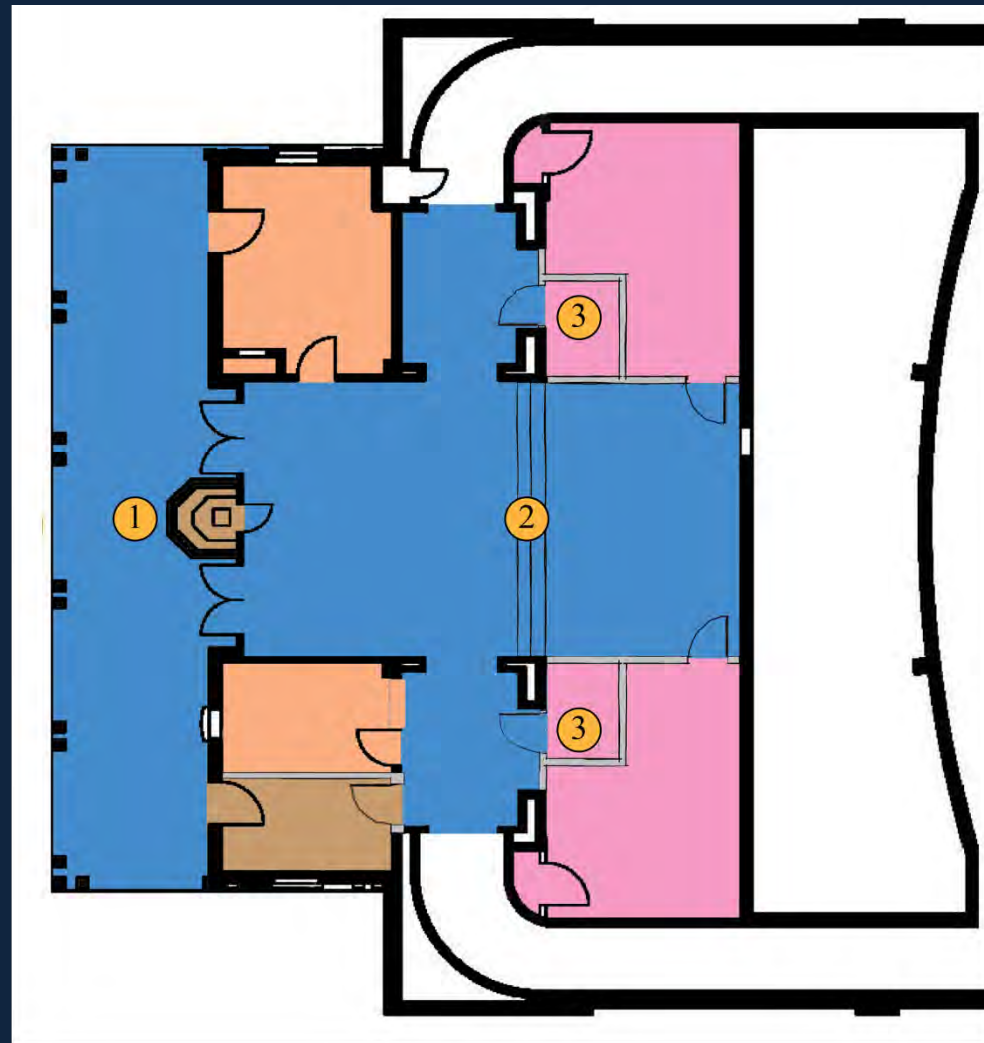
- BUILT 1938
- RENOVATED 1973, 1983, 1991
- TWO STORIES 10,450 SF



STUDY AREA 10: BUILDING 42 – POST THEATRE

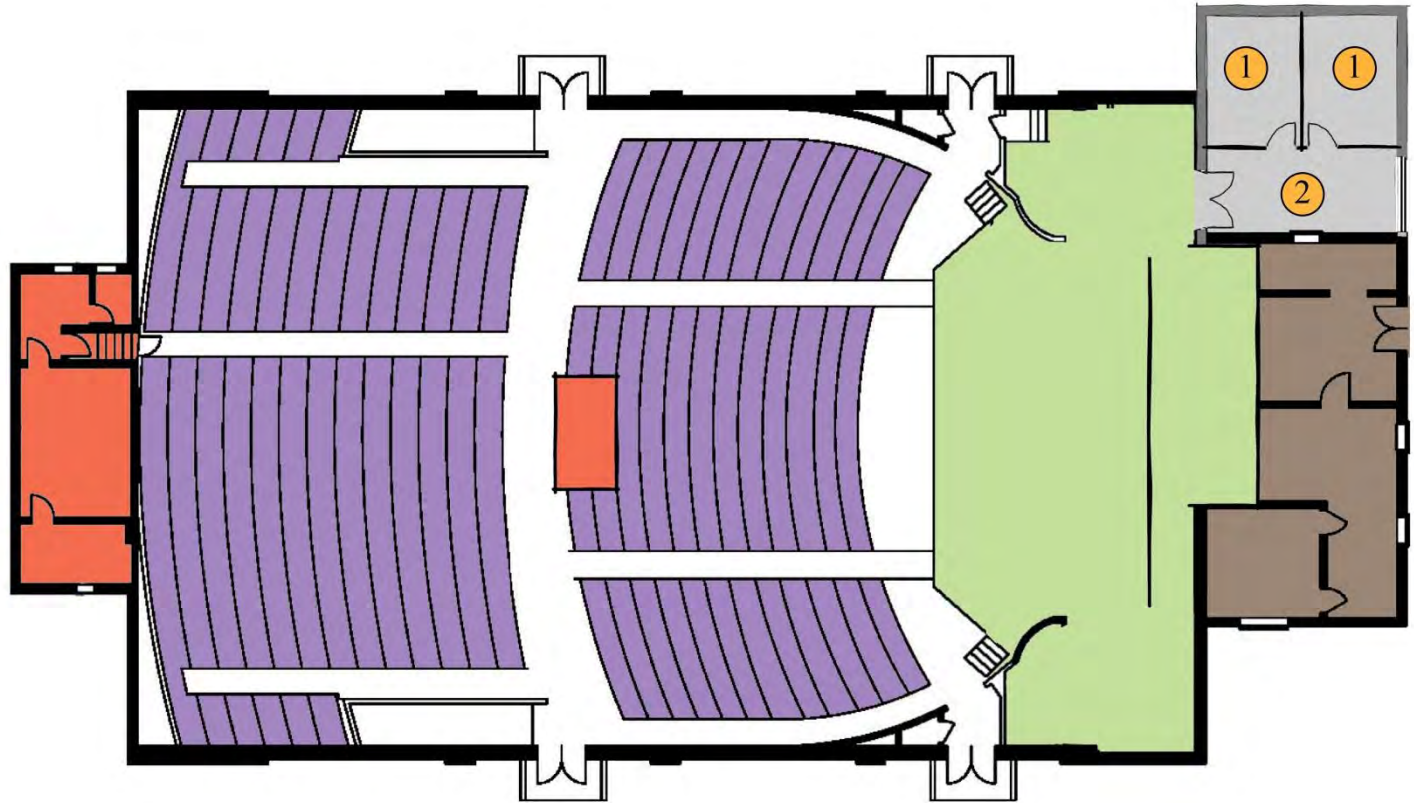


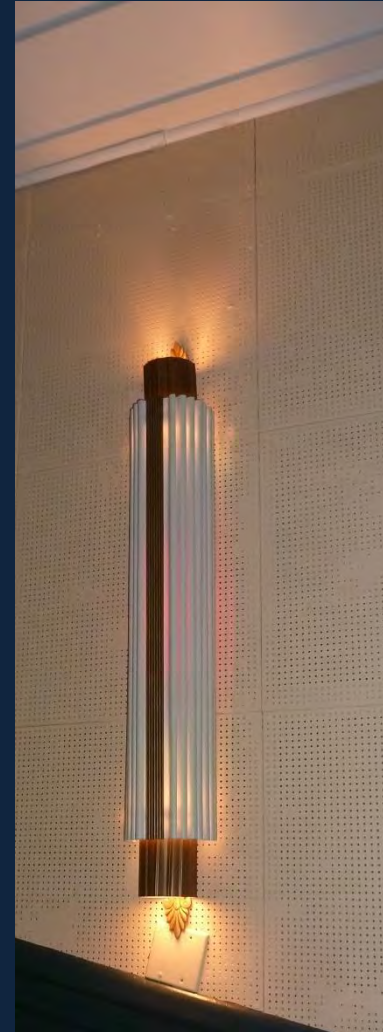
ADDITION
A/V
CONCESSIONS / COATS
MECH.
OFFICE
PUBLIC SPACE
SEATING
SERVICE
STAGE
TOILETS



1. THREE SEASON ENCLOSED PORCH
2. EXPANDED LOBBY SPACE
3. NEW ADA TOILET ROOM

ADDITION
A/V
CONCESSIONS / COATS
MECH.
OFFICE
PUBLIC SPACE
SEATING
SERVICE
STAGE
TOILETS







1. Building 138 – Post Library
2. Building 42 – Post Theatre
3. Cannon Park

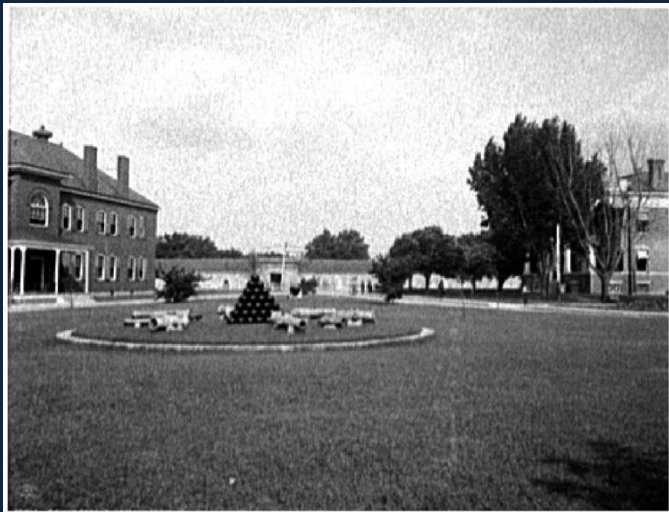


Figure 149. Cannon Park, 1908 (Library of Congress).

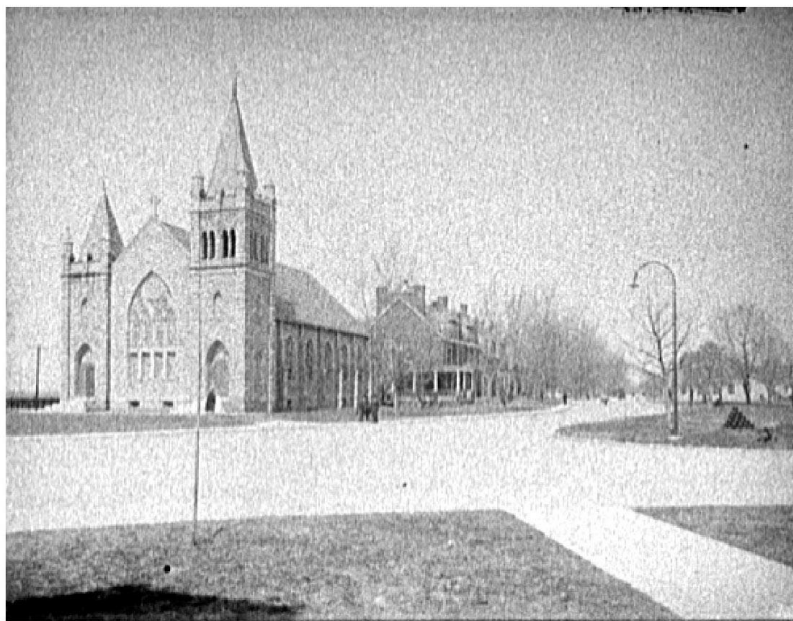


Figure 26. St. Mary Star of the Sea Chapel and Officers' Quarters, circa 1910 (Library of Congress).

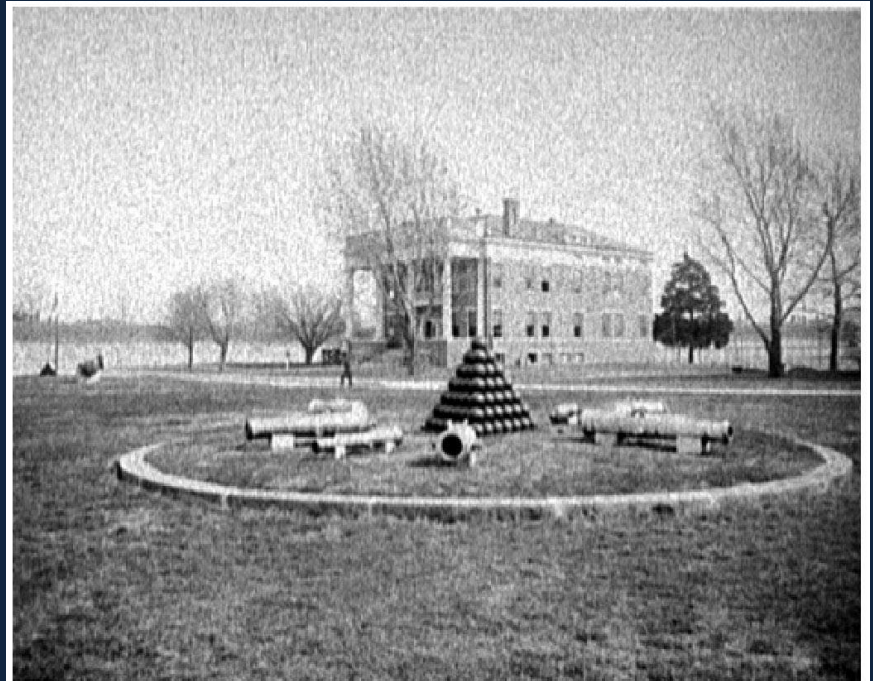


Figure 148. Post Y.M.C.A. and Cannon Park, circa 1910-1920 (Library of Congress).



US Navy Memorial, DC

Lynchburg, VA

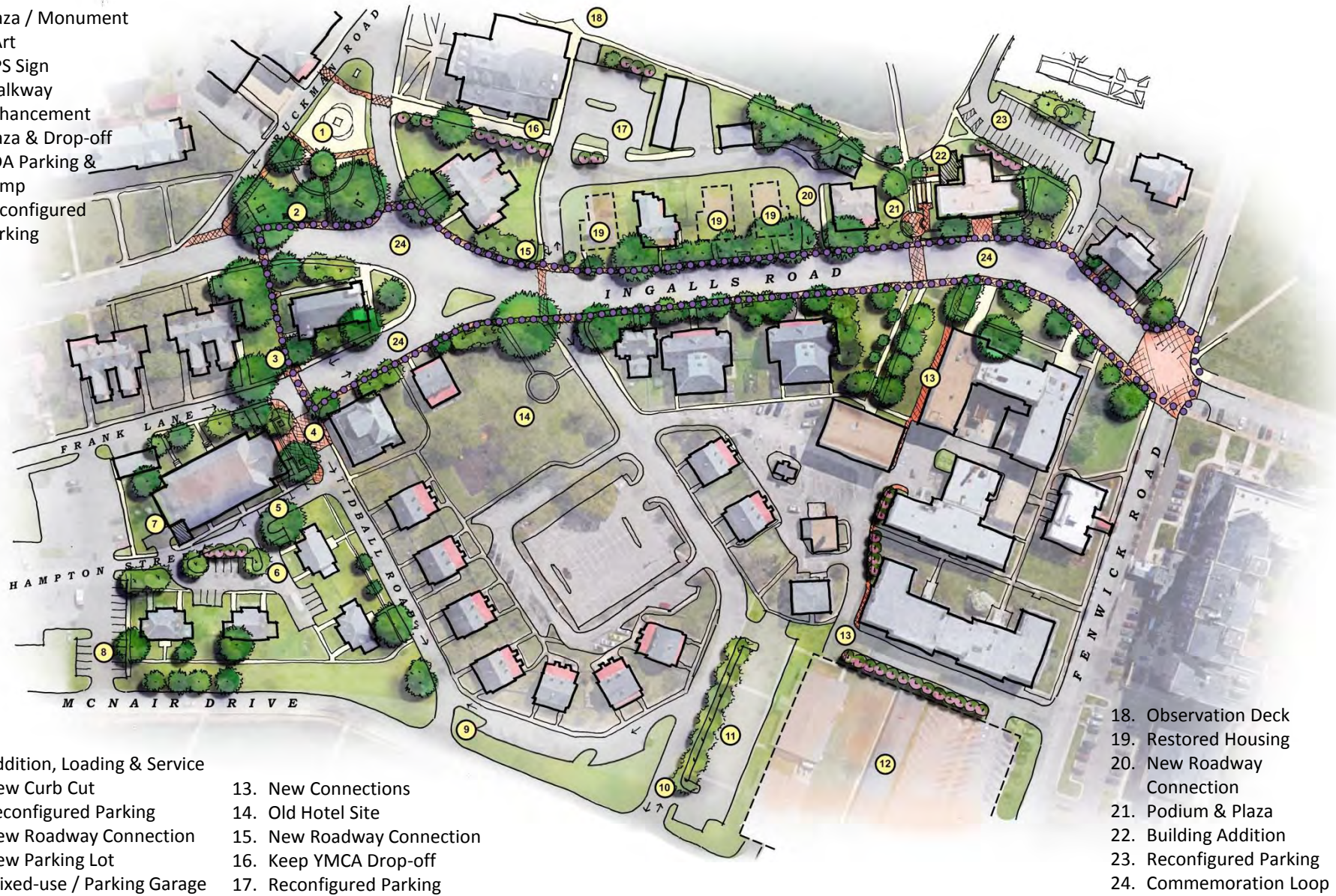


Richmond, VA



Charlottesville, VA

1. Plaza / Monument / Art
2. NPS Sign
3. Walkway Enhancement
4. Plaza & Drop-off
5. ADA Parking & Ramp
6. Reconfigured Parking



7. Addition, Loading & Service
8. New Curb Cut
9. Reconfigured Parking
10. New Roadway Connection
11. New Parking Lot
12. Mixed-use / Parking Garage

13. New Connections
14. Old Hotel Site
15. New Roadway Connection
16. Keep YMCA Drop-off
17. Reconfigured Parking

18. Observation Deck
19. Restored Housing
20. New Roadway Connection
21. Podium & Plaza
22. Building Addition
23. Reconfigured Parking
24. Commemoration Loop



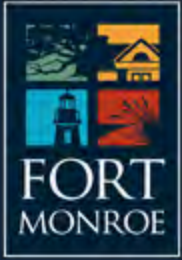




- ## NEXT STEPS

- Review and Integrate Stakeholder & Public Comments
- Final Plans





THANK YOU!

Billy Almond (WPL) – billy@wplsite.com

Nicole Weisstanner (WPL) – nicole@wplsite.com

Emily Rothrock (WPL) – emily@wplsite.com

Ron Quinn (Q-Design) – qdesignarchitecture@gmail.com

Carrie Quinn (Q-Design) – qdesignarchitecture@gmail.com

Jamie Weist (KHA) – jamie.weist@kimley-horn.com

Rob McGinnis (OCULUS) – rob@oculus.info

