SAINT SIMONS ISLAND, GEORGIA

The second largest, and most highly developed of Georgia’s barrier islands.

Geography
- 12 miles long
- 3 miles wide at widest point
- Located in Glynn County
- East of the city of Brunswick
- South of Little Saint Simons Island
- North of Jekyll Island

Cultural History

Guale Indian Tribe
- Fishing and hunting grounds

Spanish Missions
- Assimilation to the Spanish Colonial System

Fort Frederica
- Protection from Spanish invasion
- First colonial town

Plantation Era
- Agriculture becomes primary means of living
- Two largest plantations:
  - Cannon’s Point
  - Saint Clair
+ GULLAH GEECHEE CULTURE

Enslaved men and women from West and Central Africa

Knowledge and experience in the cultivation of rice crops

Linguistic, artistic, and societal style

Creole culture largely intact due to the area’s regional isolation

Gullah- Carolinas
Geechee- Georgia and Florida

The Gullah Geechee Heritage Corridor stretches from Wilmington, North Carolina along the coast down to Jacksonville, Florida.
THE ROSENWALD SCHOOL BUILDING PROGRAM

1912 - The initiative provided seed grants for the construction of 5,300 school buildings in 15 states.

Built by and for the African American citizens who would use them.

Recognized as one of the most important partnerships to advance African American education in the 20th century.

HARRINGTON GRADED SCHOOL

1920 - Built based on the Rosenwald Program’s One Teacher Community school plan.

The primary educational venue for the three African American communities on Saint Simons: Southend, Harrington, and Jew Town.

Hosted grades 1-7 through the 1960’s and desegregation.
Glynn County, in cooperation with the Saint Simons Land Trust, have set out to restore and develop The Harrington Schoolhouse building and surrounding lands into a historic museum and park commemorating the cultural importance of this island landmark.

**+ CLIENT RECOMMENDATIONS**

- Ample visitor and staff parking
- ADA accessible paths and trails throughout the site
- On-site bathroom facilities

**+ DESIGN INTENT AND GOALS**

**+ CONSERVATION AND RESTORATION**

- Identify and utilize sustainable design opportunities such as:
  - Rainwater harvesting and water conservation systems
  - Low impact trail and boardwalk systems
  - Energy efficient lighting
- Restoration of existing schoolhouse
  - Utilize traditional building methods and materials
- Wetland Restoration
  - Initiate wetland cleanup process
- Ecosystem Conservation
  - Provide for the safety and continued existence of wildlife and plant species
  - Create buffers to protect and highlight natural systems

**+ HIGHLIGHT HISTORICAL SIGNIFICANCE**

- Gullah Geechee Corridor connection
- Historic Rosenwald School Plan

**+ PROVISION OF EDUCATIONAL OPPORTUNITIES**

- African American History
- Educational gardens
  - Historical Food Crops
  - Plantation Style Fruit Tree Orchard

**+ ADDRESS PLACE MAKING**

- Implement informative and cohesive signage
- Clear site circulation and context connections
USE AND CONTEXT

The Harrington Schoolhouse and Property - ~1 Acre
Structure in disrepair
Owned by the Saint Simons Land Trust

Surrounding Property - 11 Acres
Primarily wetland conditions, with lush coastal plant life
Owned by Glynn County

All 12 Acres surrounded by residential property
+ SOILS

CaB - Cainhoy Fine Sand

Map Unit Setting
Elevation: 10-120 feet
Mean Annual Precipitation: 44 - 52 inches
Mean Annual Air Temp 62 - 70 degrees
Frost Free Period: 230 - 290 days

Properties and Qualities
Slope: 0 - 5%
Depth to restrictive feature: 80+ inches
Drainage Class: Excessively Drained
Capacity of the most limiting layer to transmit water (Ksat): High to Very High
(5.95 - 19.98 in/hr)
Depth to Water Table: 80+ inches
Frequency of Flooding: None
Frequency of Ponding: None
Available Water Capacity: Low (about 4.2 inches)

Ma - Madarin Fine Sand

Map Unit Setting
Elevation: 0 - 250 ft
Mean Annual Precipitation: 39 - 62 inches
Mean Annual Air Temp 53 - 81 degrees
Frost Free Period: 209 - 365 days

Properties and Qualities
Slope: 0 - 2%
Depth to restrictive feature: 80+ inches
Drainage Class: Somewhat Poorly Drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately High to Very High
(1.28 - 19.98 in/hr)
Depth to Water Table: 18 - 30 inches
Maximum Salinity: Nonsaline
(0.0 - 2.0 mmhos/cm)
Available Water Capacity: Low (about 4.2 inches)
+ HURRICANE FLOOD PLAIN

Category 1
Winds 74-95 mph (64-82 kt or 119-153 km/hr).
Storm surge generally 4-5 ft above normal.

Category 2
Winds 96-110 mph (83-95 kt or 154-177 km/hr).
Storm surge generally 6-8 feet above normal.

Category 3
Winds 111-130 mph (96-113 kt or 178-209 km/hr).
Storm surge generally 9-12 ft above normal.
The site is zoned R3, residential. The surrounding area lies largely within the R3, residential zone.
DESIGN DEVELOPMENT // Concept One

NATURALISTIC TRAIL SYSTEMS
EVENT SPACE
PARKING AREA
ENTRANCE & HISTORIC CROP GARDEN
SITE FACILITIES
WILDLIFE VIEWING & REST AREA
LIVE OAK PASS & FRUIT TREE GROVE
MARSH BOARDWALK
NODES WITH VIEWING PLATFORM
NATURALISTIC TRAIL SYSTEMS
EVENT SPACE
WILDLIFE VIEWING & REST AREA
LIVE OAK PASS & FRUIT TREE GROVE
PRIMARY COLLECTOR STREET
<table>
<thead>
<tr>
<th>Botanical Name</th>
<th>Common Name</th>
<th>Count</th>
<th>Size</th>
<th>Container Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agapanthus africanus 'Albus'</td>
<td>Agapanthus</td>
<td>50</td>
<td>H: 1.5’ S: 1.5’</td>
<td>2 Gal</td>
<td>$8.00</td>
</tr>
<tr>
<td>Butia capitata</td>
<td>Pindo Palm</td>
<td>1</td>
<td>H: 10-20 S:10-15’</td>
<td>B&amp;B 2’CT</td>
<td>$375</td>
</tr>
<tr>
<td>Hosta sieboldiana 'Elegans'</td>
<td>Hosta</td>
<td>20</td>
<td>H: 1.5’ S: 1.5’</td>
<td>2 Gal</td>
<td>$5.75</td>
</tr>
<tr>
<td>Hydrangea paniculata 'Limelight'</td>
<td>Limelight Hydrangea</td>
<td>7</td>
<td>H: 6-8 S: 6-8’</td>
<td>3 Gal</td>
<td>$6.00</td>
</tr>
<tr>
<td>Lomandra longifolia 'Breeze'</td>
<td>Lomandra Breeze Grass</td>
<td>49</td>
<td>H: 2-3’ S: 2.4’</td>
<td>3 Gal</td>
<td>$7.50</td>
</tr>
<tr>
<td>Serenoa repens</td>
<td>Green Palmetto</td>
<td>19</td>
<td>H: 3-6’ S: 4’</td>
<td>3 Gal</td>
<td>$15.00</td>
</tr>
<tr>
<td>Thelypteris normata</td>
<td>Southern Wood Fern</td>
<td>41</td>
<td>H: 3’ S: 3’</td>
<td>1 Gal</td>
<td>$4.25</td>
</tr>
<tr>
<td>Tracheliopsmum jasminoides</td>
<td>Confederate Jasmine</td>
<td>3</td>
<td>H: 18-20’ S: 3’</td>
<td>3 Gal</td>
<td>$6.50</td>
</tr>
</tbody>
</table>

Schoolhouse Planting Schedule

Total cost: $1848.05
BRICK PAVER DETAIL
SCALE: 1/2" = 1' - 0"

MORTAR FILLED WITH SAND AND MORTAR MIX

8" X 8" X 2 1/4" BRICK PAVER - RUNNING BOND

4" SAND

COMPACTED SUBGRADE

2" x 4" Beam

2 BOLTS PER POST

6" x 6" POST

3/16" GALVANIZED STEEL POST ANCHOR

AGGREGATE BASE

12" x 12" CONCRETE FOOTING AT EACH POST

102MM

305MM

2134MM

ARBOR POST DETAIL
SCALE: 1' = 1' - 0"
THE HARRINGTON SCHOOL // Pavilion Section

SCALE // 1" = 10' - 0"
<table>
<thead>
<tr>
<th>Botanical Name</th>
<th>Common Name</th>
<th>Count</th>
<th>Size</th>
<th>Container Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aspidistra elatior</td>
<td>Cast Iron Plant</td>
<td>25</td>
<td>H: 2’ S: 2-3’</td>
<td>1 Gal</td>
<td>$3.50</td>
</tr>
<tr>
<td>Hibiscus coccineus</td>
<td>Swamp Hibiscus</td>
<td>51</td>
<td>H: 6-8’ S: 4’</td>
<td>3 Gal</td>
<td>$8.75</td>
</tr>
<tr>
<td>Hydrangea macrophylla variegata</td>
<td>Variegated Hydrangea</td>
<td>6</td>
<td>H: 6’ S: 6’</td>
<td>3 Gal</td>
<td>$1.00</td>
</tr>
<tr>
<td>Nerium oleander “White Standard”</td>
<td>Oleander</td>
<td>3</td>
<td>H: 10-15’ S: 6-9’</td>
<td>7 Gal</td>
<td>$22.50</td>
</tr>
<tr>
<td>Serenoa repens</td>
<td>Green Palmetto</td>
<td>8</td>
<td>H: 3-6’ S: 4’</td>
<td>3 Gal</td>
<td>$15.00</td>
</tr>
<tr>
<td>Spartina bakeri</td>
<td>Sand Cordgrass</td>
<td>9</td>
<td>H: 4-6’ S: 3-5’</td>
<td>3 Gal</td>
<td>$3.00</td>
</tr>
<tr>
<td>Spartina patens</td>
<td>Saltmeadow Cordgrass</td>
<td>120</td>
<td>H: 2’ S: 2’</td>
<td>1 Gal</td>
<td>$5.00</td>
</tr>
<tr>
<td>Thelypteris normalis</td>
<td>Southern Wood Fern</td>
<td>55</td>
<td>H: 3’ S: 3’</td>
<td>1 Gal</td>
<td>$4.25</td>
</tr>
</tbody>
</table>

**SITE PLAN TWO // Planting Plan**

- + Saltmeadow Cordgrass
  - Native
  - Supports estuary species
  - Provides wildlife food
- + Sand Cordgrass
  - Native
  - Slope stabilizer
- + Cast Iron Plant
  - Evergreen
  - Shade Tolerant
- + Oleander
  - Evergreen
  - Showy, fragrant white blooms
  - Salt tolerant
- + Variegated Hydrangea
  - White blooms
  - Shade tolerant
- + Swamp Hibiscus
  - Showy Red Blooms
  - Attracts bee and butterflies
- + Southern Wood Fern
  - Native
  - Semi-evergreen

**Event Pavilion Planting Schedule**

<table>
<thead>
<tr>
<th>Event Pavilion Planting Schedule</th>
</tr>
</thead>
</table>

*Total cost: $1549.00*
STABILIZED GRAVEL TRAIL DETAIL
SCALE: 1/2" = 1' - 0"

TYPICAL GROUND COVER SPACING

FORM SAUCER WITH TOPSOIL TO HOLD WATER
TOP OF ROOT BALL TO MATCH PREVIOUS GROWING CONDITIONS, REMOVE ALL CONTAINER MATERIALS
FILL WITH PLANT SOIL MIXTURE, ONE PART PEAT, ONE PART SAND, AND ONE PART NATIVE SOIL
MULCH - 3" MIN. SPECIFIED MATERIAL
NEATLY TRENCH EDGE OF SAUCER
SOIL PEDESTAL
SCARIFY SIDES OF PIT BEFORE PLANTING
DO NOT PRUNE BEFORE ACCEPTANCE

TYPICAL SHRUB PLANTING
N.T.S.
SITE PLAN TWO // Grading Plan
HISTORIC CROP GARDEN + FRUIT TREE GROVE
OVERLOOK BRIDGE
// PHASE TWO ADDITION
OVERLOOK DECKS + CENTRAL BOARDWALK PLAZA
HARRINGTON SCHOOLHOUSE
RESTROOMS + RENTAL KIOSK
GREENHOUSE + RAINWATER CISTERN
PUBLIC PARKING
BUS LANE
OPEN AIR PAVILION
LIVE OAK PASS
MARSH BOARDWALK
WILDLIFE VIEWING + REST AREA
BICYCLE RACK + WATER STATION
THE HARRINGTON SCHOOL // Thank You
SCALE // 1” = 40’ - 0”
0’  20’  40’  160’