GENERAL CONSTRUCTION NOTES:
1. All coordinates reference the North American Datum of 1983/1986 at Site.
3. The contractor is responsible for establishing horizontal and vertical control at the site.
4. The contractor shall make their own determinations of the quantity of work performed.
5. The contractor is responsible for computing the compensation shown on the plans. The contractor shall also determine their own assessment of the site and the work required prior to bidding. The contractor shall be aware of the requirements of the County's representation for the proposed work.
6. The contractor is responsible for protecting the location of all underground utilities or other objects prior to commencing work at the site. Any utilities or objects encountered during construction shall be preserved at the contractor's expense.
7. All areas or sites outside the limits of construction that are damaged or destroyed shall be preserved by the contractor. Fot immediate repair or removal of any record of any work performed before performing any work in the affected area.
8. The contractor is responsible for repairing any damage to existing facilities, aboys, or underground utilities that may occur as a result of the work performed by the contractor and not at the cost of the contractor.
9. All the specifications and documents referred to shall be of latest revisions and/or editions unless otherwise noted.
10. All work shall be performed in accordance with the regulations and ordinances of the various governmental agencies. The contractor shall maintain all work in proper repair in accordance with the instructions and specifications, or the latest edition unless otherwise noted.
11. All work performed shall comply with the regulations and ordinances of the various governmental agencies. The contractor shall maintain all work in proper repair in accordance with the instructions and specifications, or the latest edition unless otherwise noted.
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LEGEND

- SPT BORINGS

FULL SCALE (22"x34")

GRAPHIC SCALE

HALF SCALE (11"x17")

GRAPHIC SCALE
### LITTORAL SHELF DITCH

#### Line Table: Alignments

<table>
<thead>
<tr>
<th>Line #</th>
<th>Length</th>
<th>Direction</th>
<th>Start Point</th>
<th>End Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>L150</td>
<td>25.72</td>
<td>N88°32'28.45&quot;E</td>
<td>(494310.02, 1010087.43)</td>
<td>(494284.32, 1070087.82)</td>
</tr>
<tr>
<td>L149</td>
<td>21.01</td>
<td>N88°32'28.45&quot;E</td>
<td>(494089.18, 1070093.97)</td>
<td>(494110.17, 1070093.76)</td>
</tr>
<tr>
<td>L148</td>
<td>14.84</td>
<td>N88°32'28.45&quot;E</td>
<td>(494187.28, 1070092.88)</td>
<td>(494187.57, 1070091.73)</td>
</tr>
<tr>
<td>L147</td>
<td>13.62</td>
<td>N88°32'28.45&quot;E</td>
<td>(494110.17, 1070093.76)</td>
<td>(494110.01, 1070092.79)</td>
</tr>
<tr>
<td>L146</td>
<td>10.00</td>
<td>N88°32'28.45&quot;E</td>
<td>(494060.01, 1070088.51)</td>
<td>(494060.01, 1070087.48)</td>
</tr>
</tbody>
</table>

#### PROJECT BASELINE

- **Full Scale** (22"x34")
- **Half Scale** (11"x17")

**Legend**
- ------- PROPOSED DESIGN FOOTPRINT
- --- WETLAND BOUNDARY
- --- Full Scale (22"x34")
- --- Half Scale (11"x17")

**Scale**
- Full Scale: 1" = 100 ft.
- Half Scale: 1" = 200 ft.
TEMPORARY STORAGE AREA FOR EXCAVATED MATERIAL (11,488 SQ. FT.)

SLOPE STABILIZATION AND LITTORAL SHELF CREATION GRADES UPLAND SLOPE TO 1:4 WITH A LITTORAL SHELF 0.7 ACRES

NOTE: SURPLUS EXCAVATED MATERIAL WILL BE TRANSPORTED TO THE COUNTY FACILITY OFF 17TH STREET FOR USE AS GENERAL FILL ON COUNTY PROJECTS.
SLOPE STABILIZATION AND LITTORAL SHELF CREATION
GRADE UPLAND SLOPE TO 1:4 WITH LITTORAL SHELF 0.7 ACRES

LAKE ARROWHEAD TRAIL

FULL SCALE (22"X34")

HALF SCALE (11"X17")

LEGEND

□ EARTHWORK LOCATION
□ MITERED END SECTION
□ STORM WATER PIPE
□ PROPOSED FOOTBRIDGE
○ WATER ELEVATION SURVEY

LEGEND

□ EARTHWORK LOCATION
□ MITERED END SECTION
□ STORM WATER PIPE
□ PROPOSED FOOTBRIDGE
○ WATER ELEVATION SURVEY
**Restoration Area 1 Eastern Bank Planting (0.35 Acres)**

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Scientific Name</th>
<th>Minimum Size</th>
<th>Spacing on Center (Feet)</th>
<th>Estimated Planting Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sugarberry</td>
<td>Celtis laevigata</td>
<td>7G</td>
<td>12' on center</td>
<td>25</td>
</tr>
<tr>
<td>Swamp Tupelo</td>
<td>Nyssa Sylvatica</td>
<td>7G</td>
<td>12' on center</td>
<td>55</td>
</tr>
<tr>
<td>Laurel Oak</td>
<td>Quercus laurifolia</td>
<td>7G</td>
<td>12' on center</td>
<td>25</td>
</tr>
<tr>
<td>Button Bush</td>
<td>Cephalanthus occidentalis</td>
<td>1G</td>
<td>20' on center</td>
<td>40</td>
</tr>
<tr>
<td>Marsh Hay Cordgrass</td>
<td>Spartina patens</td>
<td>2LN</td>
<td>2' on center</td>
<td>3,815</td>
</tr>
</tbody>
</table>

1. As needed and directed by County Staff. Assumes 50% exotic removal and replanting in existing wetlands.

2. Marsh Hay Cordgrass to be planted on the slopes of the hydraulic connection areas.

**Legend**

- Full Scale (22"x34") Graphic Scale
- Half Scale (11"x17") Graphic Scale

---

**Restoration Area 1 Hydraulic Connection Planting (1.15 Acres)**

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Scientific Name</th>
<th>Minimum Size</th>
<th>Spacing on Center (Feet)</th>
<th>Estimated Planting Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golden Cana</td>
<td>Cannna flaccida</td>
<td>Bare Root</td>
<td>3' on center</td>
<td>1,320</td>
</tr>
<tr>
<td>Arrowhead</td>
<td>Sagittaria lancifolia</td>
<td>Bare Root</td>
<td>3' on center</td>
<td>1,320</td>
</tr>
<tr>
<td>Pickerelweed</td>
<td>Pontedora cordata</td>
<td>Bare Root</td>
<td>3' on center</td>
<td>1,320</td>
</tr>
<tr>
<td>Spikerush</td>
<td>Eleocharis cellulosa</td>
<td>Bare Root</td>
<td>3' on center</td>
<td>1,320</td>
</tr>
<tr>
<td>Button Bush</td>
<td>Cephalanthus occidentalis</td>
<td>1G</td>
<td>25' on center</td>
<td>80</td>
</tr>
<tr>
<td>Marsh Hay Cordgrass</td>
<td>Spartina patens</td>
<td>2LN</td>
<td>2' on center</td>
<td>700</td>
</tr>
</tbody>
</table>

1. As needed and directed by County Staff. Assumes 50% exotic removal and replanting in existing wetlands.

2. Marsh Hay Cordgrass to be planted on the slopes of the hydraulic connection areas.

---

**Legend**

- Littoral Shelf
- Planted Slope
- Wetland Enhancement and Exotic Removal
LEGEND

LITTORAL SHELF
PLANTED SLOPE
WETLAND ENHANCEMENT AND EXOTIC REMOVAL

FORESTED WETLAND PLANTING (0.08 ACRES)

<table>
<thead>
<tr>
<th>COMMON NAME</th>
<th>SCIENTIFIC NAME</th>
<th>PLANTING MINIMUM SIZE</th>
<th>SPACING ON CENTER (FEET)</th>
<th>ESTIMATED PLANTING UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLORIDA ELM</td>
<td>ULMUS AMERICANA VAR. FLORIDANA</td>
<td>7 G</td>
<td>12' ON CENTER</td>
<td>50</td>
</tr>
<tr>
<td>POP ASH</td>
<td>FRAXINUS CAROLINANA</td>
<td>7 G</td>
<td>12' ON CENTER</td>
<td>200</td>
</tr>
<tr>
<td>SWAMP TUPelo</td>
<td>NYSSA SYLVATICA VAR. BILOBA</td>
<td>7 G</td>
<td>12' ON CENTER</td>
<td>50</td>
</tr>
</tbody>
</table>

REHABILITATION AREA 2 LITTORAL SHELF PLANTING DETAIL (0.68 ACRES)

<table>
<thead>
<tr>
<th>COMMON NAME</th>
<th>SCIENTIFIC NAME</th>
<th>PLANTING MINIMUM SIZE</th>
<th>SPACING ON CENTER (FEET)</th>
<th>ESTIMATED PLANTING UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARROWHEAD</td>
<td>SAGITTARIA LANCIFOLIA</td>
<td>BARE ROOT</td>
<td>2' ON CENTER</td>
<td>1,610</td>
</tr>
<tr>
<td>SPICERUSH</td>
<td>ELEOCHARIS CELLOSOBA</td>
<td>BARE ROOT</td>
<td>2' ON CENTER</td>
<td>1,610</td>
</tr>
<tr>
<td>PICKERELLEWEED</td>
<td>PONTEDESMA CORDATA</td>
<td>BARE ROOT</td>
<td>2' ON CENTER</td>
<td>1,610</td>
</tr>
<tr>
<td>GOLDEN CANNA</td>
<td>CANNA FLACODA</td>
<td>BARE ROOT</td>
<td>2' ON CENTER</td>
<td>1,610</td>
</tr>
<tr>
<td>MARSH HAY CORDGRASS</td>
<td>SPARTINA PATENS</td>
<td>2 LN</td>
<td>2' ON CENTER</td>
<td>1,610</td>
</tr>
<tr>
<td>MULY GRASS</td>
<td>MUHLENBERGIA CAPILLARIS</td>
<td>2 LN</td>
<td>2' ON CENTER</td>
<td>1,610</td>
</tr>
</tbody>
</table>

2. INSTALLATION OF LITTORAL SHELF PLANT MATERIAL WILL BE PERFORMED IN ACCORDANCE WITH SARASOTA COUNTY'S ENVIRONMENTAL TECHNICAL MANUAL.
<table>
<thead>
<tr>
<th>COMMON NAME</th>
<th>SCIENTIFIC NAME</th>
<th>PLANTING ELEVATION</th>
<th>MINIMUM SIZE</th>
<th>SPACING ON CENTER (FEET)</th>
<th>ESTIMATED PLANTING UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arrowhead</td>
<td>Sagittaria</td>
<td>12 TO 15</td>
<td>Bare Root</td>
<td>2' ON CENTER</td>
<td>1,610</td>
</tr>
<tr>
<td>Spikerush</td>
<td>Eleocharis</td>
<td>15 TO 17</td>
<td>Bare Root</td>
<td>2' ON CENTER</td>
<td>1,610</td>
</tr>
<tr>
<td>Picketreed</td>
<td>Pontederia</td>
<td></td>
<td>Bare Root</td>
<td>2' ON CENTER</td>
<td>1,610</td>
</tr>
<tr>
<td>Golden Canna</td>
<td>Canna</td>
<td></td>
<td>Bare Root</td>
<td>2' ON CENTER</td>
<td>1,610</td>
</tr>
<tr>
<td>Marsh Hay</td>
<td>Spartina</td>
<td>2 LN</td>
<td>2' ON CENTER</td>
<td>1,610</td>
<td></td>
</tr>
<tr>
<td>Muhly Grass</td>
<td>Muhlenbergia</td>
<td></td>
<td>2' ON CENTER</td>
<td>1,610</td>
<td></td>
</tr>
</tbody>
</table>

2. INSTALLATION OF LITTORAL SHELF PLANT MATERIAL WILL BE PERFORMED IN ACCORDANCE WITH SARASOTA COUNTY'S ENVIRONMENTAL TECHNICAL MANUAL.

<table>
<thead>
<tr>
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<th>SCIENTIFIC NAME</th>
<th>PLANTING ELEVATION</th>
<th>MINIMUM SIZE</th>
<th>SPACING ON CENTER (FEET)</th>
<th>ESTIMATED PLANTING UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Florida Elm</td>
<td>Ulmus americana</td>
<td>14</td>
<td>7G</td>
<td>12' ON CENTER</td>
<td>50</td>
</tr>
<tr>
<td>Pop Ash</td>
<td>Fraxinus</td>
<td></td>
<td>7G</td>
<td>12' ON CENTER</td>
<td>200</td>
</tr>
<tr>
<td>Swamp Tupelo</td>
<td>Nyssa sylvatica</td>
<td></td>
<td>7G</td>
<td>12' ON CENTER</td>
<td>50</td>
</tr>
</tbody>
</table>

FLORIDA ELM: ULMUS AMERICANA VAR. FLORIDANA
POP ASH: FRAXINUS CAROLINANUS
SWAMP TUPEO: NYSSA SYLVATICA VAR. BIFLORA

2. INSTALLATION OF LITTORAL SHELF PLANT MATERIAL WILL BE PERFORMED IN ACCORDANCE WITH SARASOTA COUNTY'S ENVIRONMENTAL TECHNICAL MANUAL.

2. INSTALLATION OF LITTORAL SHELF PLANT MATERIAL WILL BE PERFORMED IN ACCORDANCE WITH SARASOTA COUNTY'S ENVIRONMENTAL TECHNICAL MANUAL.
ALIGNMENT - MAIN PROJECT BASELINE

LEGEND:
- OUT AREA
- FILL AREA
- PROPOSED DESIGN
- EXISTING GROUND
- NORMAL POOL ELEVATION

FULL SCALE (22"x34")
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 10'

HALF SCALE (11"x17")
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 20'

CONSTRUCTION PLANS

ATKINS
ALIGNMENT - N & S FLOW WAY:

- OUT AREA
- FILL AREA
- PROPOSED DESIGN
- EXISTING GROUND

FULL SCALE (22"X34")
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 50'

HALF SCALE (11"X17")
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 100'

CONSTRUCTION PLANS

ATTN.
---
S.W.
B.O.F.
N.S.W.
B.O.F.

ATKINS
---

S.W.
B.O.F.
NOTE:
GATED CONSTRUCTION ACCESS AT THE END OF NUTMEG AVE.
ACCESS LIMITED TO NORTHERN PROJECT AREA ONLY.

STORM WATER POLLUTION PREVENTION PLAN

LEGEND
PROPOSED DESIGNS
WETLAND ENHANCEMENT
PROPOSED PIPE
TURBIDITY BARRIER
SILT FENCE

FULL SCALE (22"X34")

HALF SCALE (11"X17")

GATED CONSTRUCTION ACCESS AT THE END OF NUTMEG AVE.
ACCESS LIMITED TO NORTHERN PROJECT AREA ONLY.
NOTE:
LIMITED GATED CONSTRUCTION ACCESS OFF BENEVIA ROAD. NORTHERN ACCESS THROUGH THE PARK HAS OVERHEAD BRANCHES NOT TO BE DAMAGED. SOUTHERN ACCESS HAS SIDEWALK AND LIMITED ACCESS TO THE SITE.

NOTE:
THE GATED CONSTRUCTION ACCESS OFF ASHTON ROAD NOW HAS A PERMANENT SIDEWALK. CONTRACTOR MUST TAKE CARE NOT TO DAMAGE SIDEWALK OR IF DAMAGED, CONTRACTOR MUST REPLACE SIDEWALK WHEN PROJECT IS COMPLETE.

LEGEND
PROPOSED DESIGNS
PROPOSED WETLAND ENHANCEMENT
PROPOSED PIPE
TURBIDITY BARRIER
SILT FENCE

CONSTRUCTION PLANS

FULL SCALE (22"X34")
GRAPHIC SCALE

HALF SCALE (11"X17")
GRAPHIC SCALE
NOTE:
Component parts of Types I & II may be similar, or identical.
All specifications and dimensions shown are for guidance only.
Responsibility for the user's substitutions for Types I and II shall be as approved by the Engineer.

CONSTRUCTION DETAILS FOR Silt Fences

Spacing Recommendations For Detention SWM Sills

CONSTRUCTION PLANS

SARASOTA COUNTY
CONSTRUCTION PLANS

RECOMMENDED SPACING FOR TYPE I, TYPE II, IV BULK BARRIERS, AND TYPE IV BULK FENCES AND FIXED STICK WAY BAIL BARRIERS

SPACING RECOMMENDATION FOR DETENTIVE SWM SILLS

NOTE: Submittal drawings are to be used in all permanent bodies of water regardless of water depth.
1. Determine if the Fixed Silt Fences are to be used in a permanent body of water regardless of water depth.
2. Submittal drawings are to be used in all permanent bodies of water regardless of water depth.
3. The fixed silt fence design shall be determined by the Engineer.
4. Spacing may require additional information from Section 114 of the Floodway Series Specifications.

CONSTRUCTION PLANS

SARASOTA COUNTY
CONSTRUCTION PLANS

NOTE: Submittal drawings are to be used in all permanent bodies of water regardless of water depth.
1. Determine if the Fixed Silt Fences are to be used in a permanent body of water regardless of water depth.
2. Submittal drawings are to be used in all permanent bodies of water regardless of water depth.
3. The fixed silt fence design shall be determined by the Engineer.
4. Spacing may require additional information from Section 114 of the Floodway Series Specifications.
PART 1 GENERAL

5.1.1.2 OIL, FUEL, AND HAZARDOUS SUBSTANCE SPILL PREVENTION AND ATTENTION

The contractor shall provide OIL, FUEL, or OTHER HAZARDOUS SUBSTANCES from entering the air, ground, surface water, or bodies of water. The small shall design a Spill Prevention Contingency Plan. The small shall:

1. Identify the Spill Preventive System (SPPS) at the beginning of the contract.
2. Use SPS to prevent fuel, oil, fuel, or other hazardous substances from entering the environment.
3. Display the SPS at the site.
4. Ensure that the SPS is maintained at all times.
5. Immediately respond to spills.
6. Ensure that the SPS is properly used.
7. Ensure that the SPS is properly maintained.

5.1.1.3 PERMITT

The contractor shall comply with all requirements under the permits and any other requirements for the project. The contractor shall:

1. Obtain and maintain all permits required for the project.
2. Ensure that the permits are maintained at all times.
3. Ensure that the permits are properly maintained.
4. Ensure that the permits are properly used.

5.1.1.4 INCIDENTS

The contractor shall comply with all environmental incidents that occur during the project. The contractor shall:

1. Report all environmental incidents to the appropriate authorities.
2. Ensure that the environmental incidents are reported at all times.
3. Ensure that the environmental incidents are properly reported.
4. Ensure that the environmental incidents are properly maintained.

5.1.1.5 ENVIRONMENTAL PROTECTION

The contractor shall comply with all environmental protection requirements. The contractor shall:

1. Designate a responsible person to ensure that all environmental protection requirements are met.
2. Ensure that the responsible person is properly designated.
3. Ensure that the responsible person is properly maintained.
4. Ensure that the responsible person is properly used.

5.1.1.6 SPILLS

The contractor shall comply with all spill prevention requirements. The contractor shall:

1. Designate a responsible person to ensure that all spill prevention requirements are met.
2. Ensure that the responsible person is properly designated.
3. Ensure that the responsible person is properly maintained.
4. Ensure that the responsible person is properly used.

5.1.1.7 CONTRACTOR'S DUTIES

The contractor shall comply with all duties under the contract. The contractor shall:

1. Designate a responsible person to ensure that all duties are met.
2. Ensure that the responsible person is properly designated.
3. Ensure that the responsible person is properly maintained.
4. Ensure that the responsible person is properly used.
WOOD PRESSURE TREATMENT TABLE

<table>
<thead>
<tr>
<th>Material</th>
<th>Pressure</th>
<th>Retention</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pine</td>
<td>2.5 CCA</td>
<td>250 psi</td>
</tr>
<tr>
<td>Stringer</td>
<td>0.6 ACQ</td>
<td>250 psi</td>
</tr>
<tr>
<td>Braces</td>
<td>0.25 water</td>
<td>200 psi</td>
</tr>
<tr>
<td>Deck boards</td>
<td>0.6 ACQ</td>
<td>250 psi</td>
</tr>
<tr>
<td>Rails</td>
<td>0.25 water</td>
<td>200 psi</td>
</tr>
</tbody>
</table>

**Unless otherwise noted, all lumber to be Pressure Treated.**

All fasteners to be 304 Stainless Steel unless otherwise specified by Sanssouci County.
FOLLOW CURRENT ADA REQUIREMENTS FOR MAXIMUM RAMP SLOPES & LANDINGS SIZES.

ADA HANDLES SHALL BE INSTALLED ALONG RAMP RAILS FOR ADA REQUIREMENTS.

TURN OUTS AND CORNERS ARE TO MEET MINIMUM ADA REQUIREMENTS.

SIDE TRANSITIONS ARE TO BE INDICATED BY COLOR CHANGES IN DECKING MATERIAL.

DECKING SHALL USE THE EXISTING PICKET WOOD WAINSCOTING WHERE POSSIBLE AFTER AN INSPECTION FOR STRUCTURAL INTEGRITY.

- ERM 3: INSTALL DOUBLE 2X10 STRINGER SUPPORT BEAMS ON CENTER 12" MINUS 3". EXISTING PILE SUPPORT BEAMS TO BE USED EACH SIDE OF RAMP. ADDITIONAL STRINGERS TO BE JOINED TO STRINGER SUPPORT BEAMS WITH 2" X 4" 6-8GAUGE 3.5" SCREW OR SIMILAR ANCHORAGE.

- ERM 4: INSTALL COMPOSITE DECKING AS PER MANUFACTURER'S RECOMMENDATIONS. USE MINIMUM 2X10 STRINGER SUPPORT BEAMS TO 12" CENTER WITH 2" X 4" 6-8GAUGE 3.5" SCREW OR SIMILAR ANCHORAGE.

- ERM 5: INSTALL DOUBLE 2X10 STRINGER SUPPORT BEAMS ON CENTER 12" MINUS 3". EXISTING PILE SUPPORT BEAMS TO BE USED EACH SIDE OF RAMP. ADDITIONAL STRINGERS TO BE JOINED TO STRINGER SUPPORT BEAMS WITH 2" X 4" 6-8GAUGE 3.5" SCREW OR SIMILAR ANCHORAGE.

- ERM 6: INSTALL COMPOSITE DECKING AS PER MANUFACTURER'S RECOMMENDATIONS. USE MINIMUM 2X10 STRINGER SUPPORT BEAMS TO 12" CENTER WITH 2" X 4" 6-8GAUGE 3.5" SCREW OR SIMILAR ANCHORAGE.

- ERM 7: INSTALL DOUBLE 2X10 STRINGER SUPPORT BEAMS ON CENTER 12" MINUS 3". EXISTING PILE SUPPORT BEAMS TO BE USED EACH SIDE OF RAMP. ADDITIONAL STRINGERS TO BE JOINED TO STRINGER SUPPORT BEAMS WITH 2" X 4" 6-8GAUGE 3.5" SCREW OR SIMILAR ANCHORAGE.

- ERM 8: INSTALL COMPOSITE DECKING AS PER MANUFACTURER'S RECOMMENDATIONS. USE MINIMUM 2X10 STRINGER SUPPORT BEAMS TO 12" CENTER WITH 2" X 4" 6-8GAUGE 3.5" SCREW OR SIMILAR ANCHORAGE.

- ERM 9: INSTALL DOUBLE 2X10 STRINGER SUPPORT BEAMS ON CENTER 12" MINUS 3". EXISTING PILE SUPPORT BEAMS TO BE USED EACH SIDE OF RAMP. ADDITIONAL STRINGERS TO BE JOINED TO STRINGER SUPPORT BEAMS WITH 2" X 4" 6-8GAUGE 3.5" SCREW OR SIMILAR ANCHORAGE.

- ERM 10: INSTALL COMPOSITE DECKING AS PER MANUFACTURER'S RECOMMENDATIONS. USE MINIMUM 2X10 STRINGER SUPPORT BEAMS TO 12" CENTER WITH 2" X 4" 6-8GAUGE 3.5" SCREW OR SIMILAR ANCHORAGE.

- ERM 11: INSTALL DOUBLE 2X10 STRINGER SUPPORT BEAMS ON CENTER 12" MINUS 3". EXISTING PILE SUPPORT BEAMS TO BE USED EACH SIDE OF RAMP. ADDITIONAL STRINGERS TO BE JOINED TO STRINGER SUPPORT BEAMS WITH 2" X 4" 6-8GAUGE 3.5" SCREW OR SIMILAR ANCHORAGE.

- ERM 12: INSTALL COMPOSITE DECKING AS PER MANUFACTURER'S RECOMMENDATIONS. USE MINIMUM 2X10 STRINGER SUPPORT BEAMS TO 12" CENTER WITH 2" X 4" 6-8GAUGE 3.5" SCREW OR SIMILAR ANCHORAGE.

- ERM 13: INSTALL DOUBLE 2X10 STRINGER SUPPORT BEAMS ON CENTER 12" MINUS 3". EXISTING PILE SUPPORT BEAMS TO BE USED EACH SIDE OF RAMP. ADDITIONAL STRINGERS TO BE JOINED TO STRINGER SUPPORT BEAMS WITH 2" X 4" 6-8GAUGE 3.5" SCREW OR SIMILAR ANCHORAGE.

- ERM 14: INSTALL COMPOSITE DECKING AS PER MANUFACTURER'S RECOMMENDATIONS. USE MINIMUM 2X10 STRINGER SUPPORT BEAMS TO 12" CENTER WITH 2" X 4" 6-8GAUGE 3.5" SCREW OR SIMILAR ANCHORAGE.
2X12 GIRDER OPTION

TYPICAL SECTION

HANDRAIL SECTION

HANDRAIL CONNECTION

TYPICAL BEAM TO PILE CONNECTION

SPLIT CAP STYLE

NOTE:
- REGULAR WASHERS BACKED UP WITH OVERSIZED OR FERRIS WASHERS.
- 3" x 3" SQUARE STEEL PLATES ARE ALSO ACCEPTABLE.

CONSTRUCTION PLANS

RED BUG SUGAR PLANTATION RIVER REGULATIONS DOCUMENT NO. 1272

ATKINS

J. L. PAUL

M. A. W. N.

D. L. P. S.

B. D. F.

O. L. C.

C-802
**Composite Trim Facing Walkway**

- **Handrail**
  - Required when ramp runs higher than 8".
  - Use sufficient "U" nails at stair treads to protect from collapse.

- **Black Chain Link Vinyl Coated Fencing**
  - Fastened with 1/8" S.S. "U" nails per ft.
  - Use sufficient "U" nails at start/finish to protect from collapse.

- **Pattern (Typ.) Screw head to be set between flush and 1/8" recessed.**

- **Composite Material for Base Chamfered Edges and Seams**

- **Insert "H" - ADA Handrail (Typ.)**

- **Handrail Material:** Aluminum with PVC shell. Approved manufacturer only.

- **View From Outside of Walkway**

- **View From Inside of Walkway**

- **Prop. Deck**
  - Provide solid blocking between joists.

- **Toe Rail**
  - 1-1/2" gap

- **Decking Spacing:** 2-1/2" as per manuf. specs.

- **Securing End of Handrail Run**

- **Not to Scale**