

# JOINT PUBLIC NOTICE

September 12, 2016

U.S. Army Corps of Engineers  
New Orleans District  
Regulatory Branch  
7400 Leake Avenue  
New Orleans, LA 70118

State of Louisiana  
Department of Environmental Quality  
Water Quality Certification Section  
Post Office Box 4313  
Baton Rouge, LA 70821-4313

Project Manager:  
Michael H. Herrmann  
(504) 862-1954/ (504) 862-2574 fax  
Michael.h.herrmann@usace.army.mil  
Permit Application Number:  
MVN-2016-00449-WLL

Project Manager: Elizabeth Johnson  
(225) 219-3225 / (225) 219-1039 Fax  
WQC Application Number:  
WQC 160912-01

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to: ☐ Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 U.S.C. 403); and/or ☒ Section 404 of the Clean Water Act (86 Stat. 816; 33 U.S.C. 1344).

Application has also been made to the Louisiana Department of Environmental Quality for a Water Quality Certification (WQC) in accordance with statutory authority contained in La. R.S. 30:2074(A)(3) and provisions of Section 401 of the Clean Water Act (P.L. 95-217; 33 U.S.C. 1341).

## **GREENTREE RESERVOIR IN ST MARTIN PARISH, LOUISIANA**

**Name of Applicant:** For The Five, LLC, C/O Blue Ox Environmental Planning Services, 2851 Johnston St. #1803, Lafayette, LA 70503.

**Location of Work:** Approximately 2.5 miles south of Henderson, Louisiana abutting the south bank of Bayou Portage Guidry and Parish Road 436/KO Dupuis Road within St. Martin Parish, Louisiana, as shown on the attached drawings.

Lat 30.276486, Long -93.256294, Hydrologic Unit Code: 08080206 Calcasieu Watershed.

**Character of Work:** Clear 7.9 acres of forested wetlands and 0.8 acre of farmed wetlands along with the excavation and re-deposition of 15,918 cubic yards of in-situ earthen material to facilitate the construction of earthen levees with 13 flashboard risers to manage water levels. The project also proposes to restore five portions of prior converted farmlands totaling 18 acres, to be planted with bare-root tree seedlings; all for the purpose of establishing and management of a greentree reservoir totaling 273 acres.

Project will directly impact approximately 7.9 acres of forested wetlands and 0.8 acre of farmed wetlands due to clearing, excavation and deposition of fill associated with levee construction and 273 acres secondarily due to the active manipulation of water levels within the system. The applicant proposes to offset wetland impacts through the restoration of on-site wetlands and inherent project-related enhancement benefits due to the regulation of water.

The comment period for the Department of the Army (DA) permit application and the Louisiana Department of Environmental Quality WQC will close **20 days** from the date of this joint public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this DA permit and WQC request and must be mailed, so as to be received before or by the last day of the comment period. Letters concerning the DA permit application must reference the applicant's name and the DA Permit Number, and be mailed to the U.S. Army Corps of Engineers at the address above. Similar letters concerning the WQC must reference the applicant's name and the WQC Number and be mailed to the Louisiana Department of Environmental Quality at the address above. Individuals or parties may request an extension of time in which to comment on the proposed work by writing or e-mailing the Project Manager listed above. Any request must be specific and substantively supportive of the requested extension, and received by this office prior to the end of the initial comment period. The Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

### **Corps of Engineers Permit Criteria**

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among these being: conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers is soliciting comments from the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The New Orleans District is unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or

data. Issuance of this public notice solicits input from the State Archeologist and State Historic Preservation Officer regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would neither affect any species listed as endangered, nor affect any habitat designated as critical to the survival and recovery of any endangered species listed by the U.S. Department of Commerce,

Utilizing Standard Local Operating Procedure for Endangered Species in Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers, New Orleans and U.S. Fish and Wildlife Service, Ecological Services Office, the Corps has determined that the proposed activity would have no effect on any species listed as endangered by the U.S. Department of the Interior.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of 0 acres of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the U.S. Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Louisiana Department of Environmental Quality before a permit is issued.

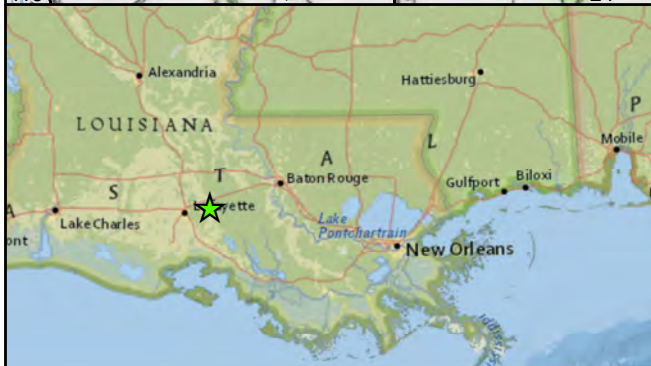
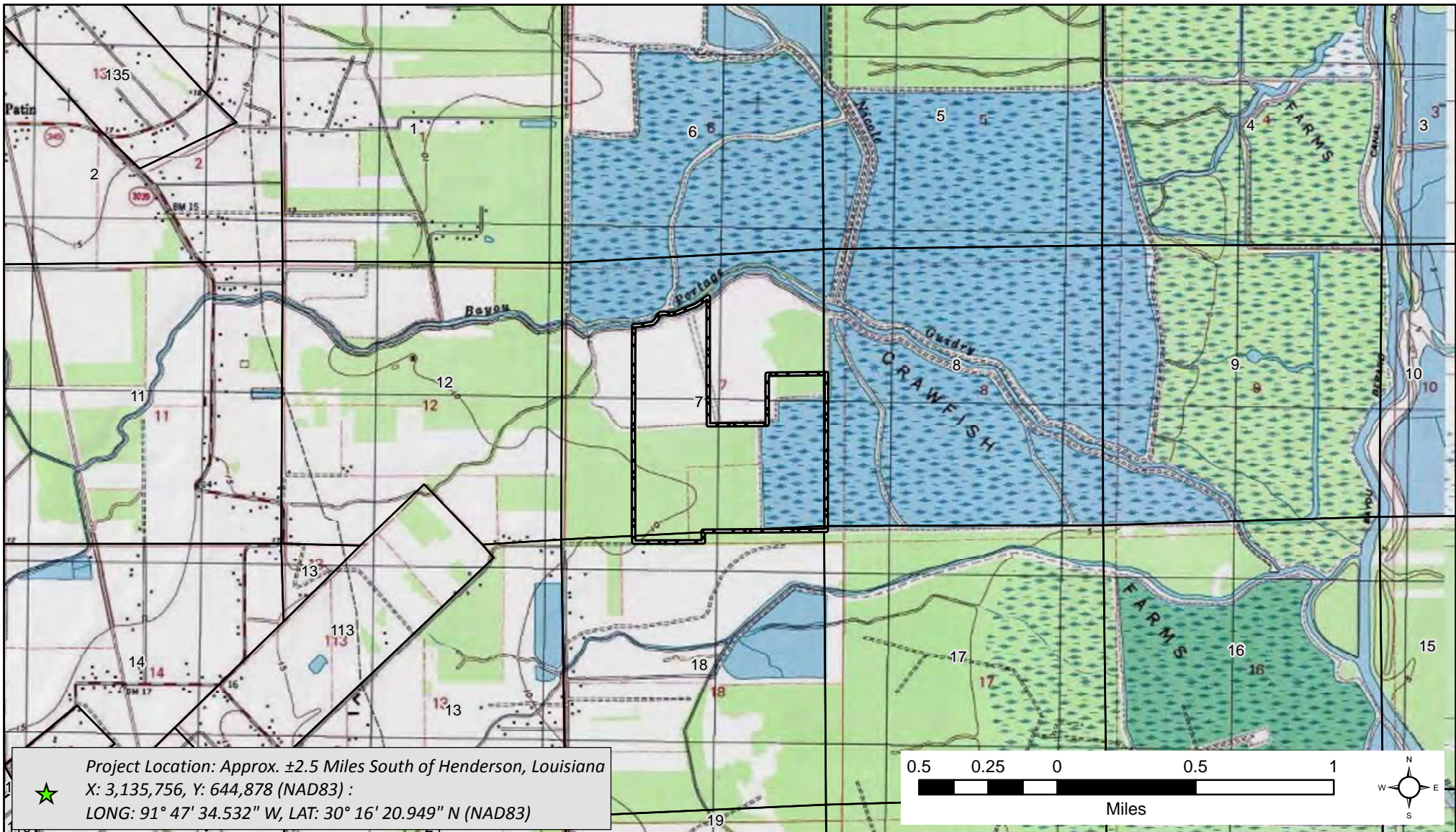
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.


You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

Darrell S. Barbara  
Chief, Western Evaluation Section  
Regulatory Branch

Enclosure





 Property Boundary

## For The Five, LLC

### Green Tree Reservoir and Property Enhancement

Section 07 T09S - R07E  
St. Martin Parish, Louisiana



Rev: (date/initial)  
08-10-2016/KFM

Created by: KFM  
Date: 06/23/2016

Job Number: 16012

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NOTE: The contents of these plans are intended exclusively for the purpose of obtaining environmental compliance permits and are not construction drawings.





- Proposed Flashboard Riser
- Mitigation / Wetland Rehabilitation Area A - E (±18.0 Acres)
- Mitigation / Wetland Rehabilitation - Area F (± 0.6 Acres)
- Existing Cleared Area (± 10' W)
- Proposed Levee ( ± 20' W)
- Existing Road / Levee
- Property Boundary
- Proposed Pond ( ± 430' x ± 400' : ± 3.7 Acres)



**For The Five, LLC**

**Green Tree Reservoir and  
Property Enhancement**

**Section 07 T09S - R07E  
St. Martin Parish, Louisiana**



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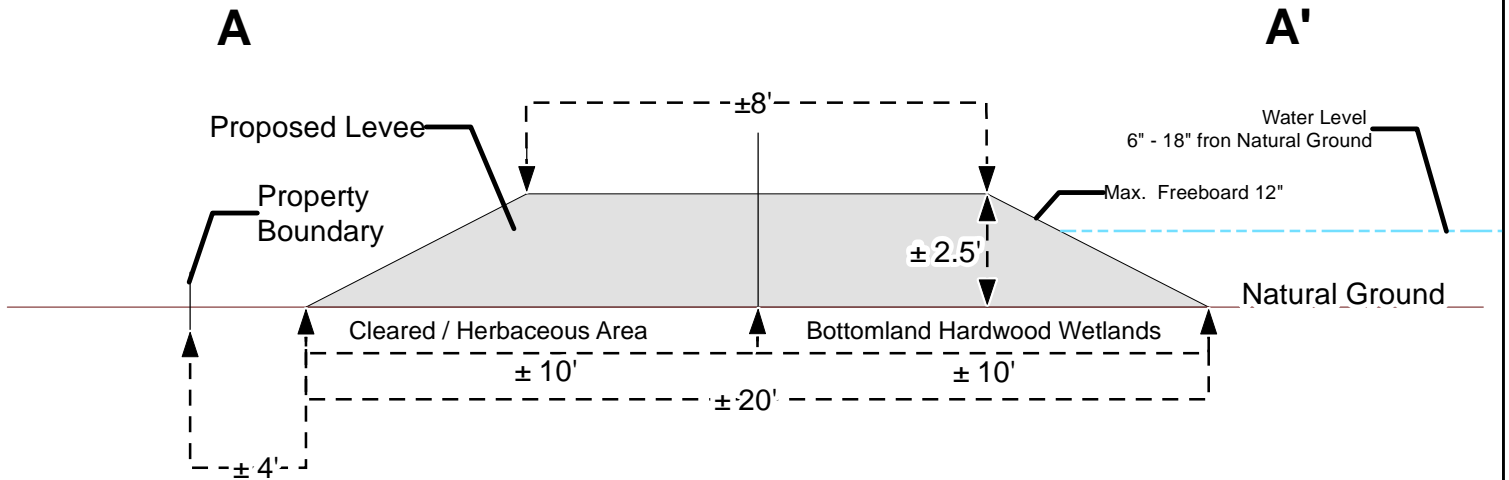
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## Cross Section A - A'

### Typical Levee

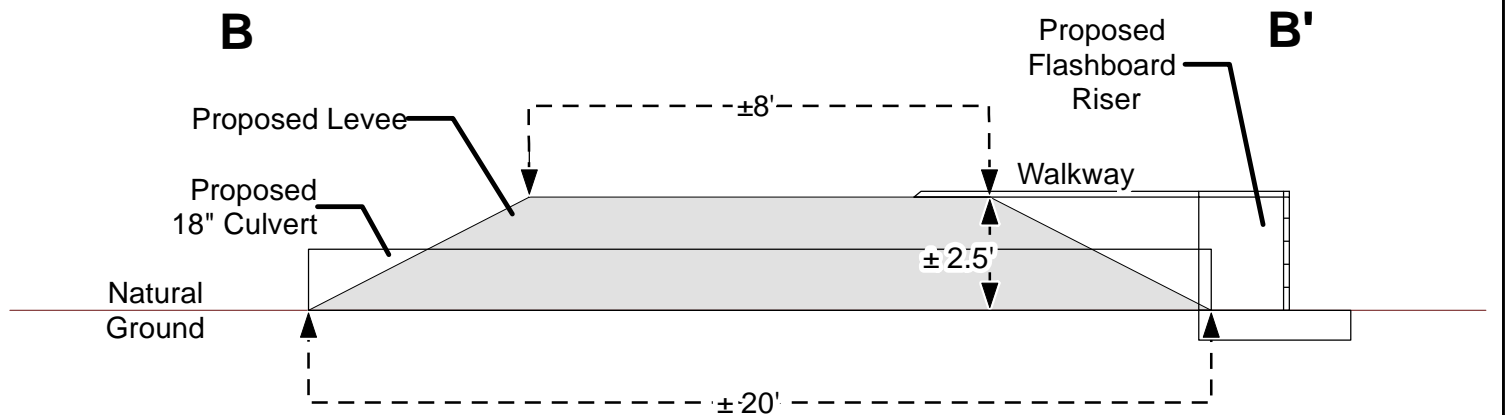
Not to Scale



## Cross Section B - B'

### Typical Levee

Not to Scale



Water Management Area Summary	
Map Label	ACRES
Water Management Area 1	23.65
Water Management Area 2	73.91
Water Management Area 3	58.09
Water Management Area 4	58.44

Total Project Acreage 214.69

Project Impact Summary	
Fill - Proposed Levees	
± 14,856.84	Total Cubic Yards of Fill In Wetlands ( Proposed Levees)
Impacted Wetlands - Proposed Levees	
±5.2	Acres Bottomland Hardwood Wetlands
± 1.1	Acres of Degraded Bottomland Hardwood Wetlands
± 0.6	Acres of Degraded Farmed Wetlands

For The Five, LLC

Green Tree Reservoir and  
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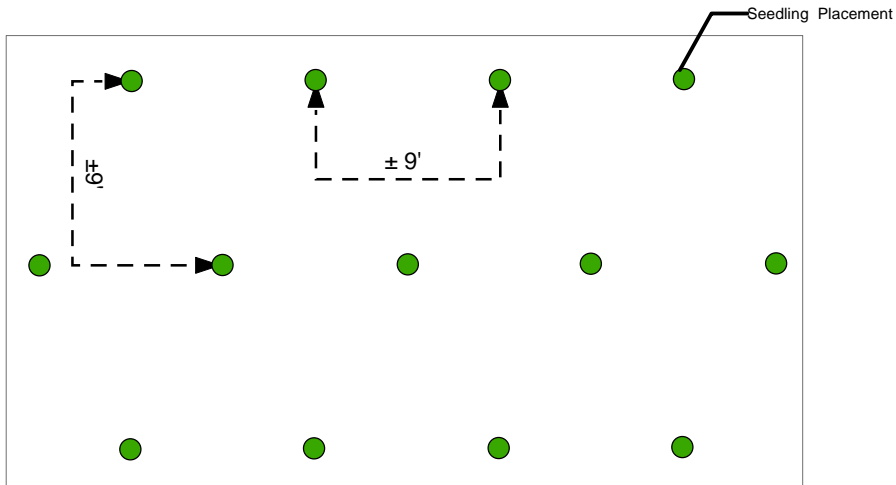
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# Wetland Mitigation / Wetland Rehabilitation Typical Planting - Area A, B, C, D, & E

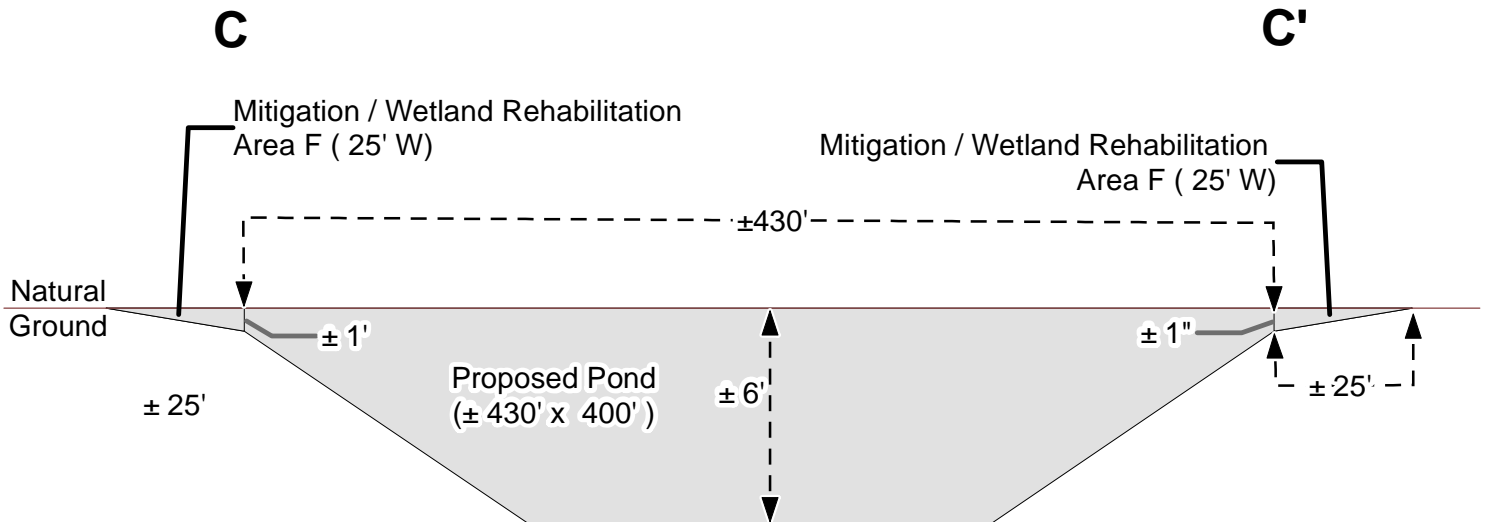
## Typical Planting - Bare Root Seedling Spacing No Scale



Mitigation / Wetland Rehabilitation Area A - E (±18.0 Acres)		
Total No. of Bare Root Seedlings = ±9,680		
Species	Composition	No. of Seedlings
<b>Hardmast</b>	<b>70%</b>	<b>6,776</b>
<i>Quercus lyrata</i>	40%	2,710
<i>Carya aquatica</i>	30%	2,033
<i>Quercus nuttallii</i>	20%	1,355
<i>Quercus phellos</i>	10%	678
<b>Sub Totals</b>		<b>6,776</b>
<b>Softmast</b>	<b>30%</b>	<b>2,904</b>
<i>Taxodium distichum</i>	40%	1,162
<i>Fraxinus pennsylvanica</i>	30%	871
<i>Diospyros virginiana</i>	20%	581
<i>Ulmus americana</i>	10%	290
<b>Sub Totals</b>		<b>2,904</b>

## Cross Section C - C' Proposed Pond/Excavation Area and Mitigation / Wetland Rehabilitation - Area F (± 0.6 Acres)

Not to Scale



For The Five, LLC

Green Tree Reservoir and  
Property Enhancement

Section 07 T09S - R07E  
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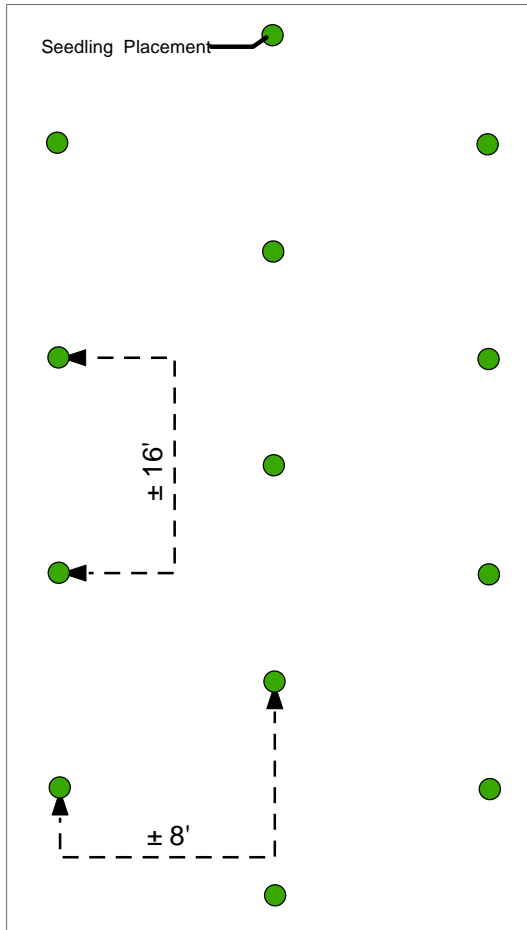
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# Wetland Mitigation / Wetland Rehabilitation

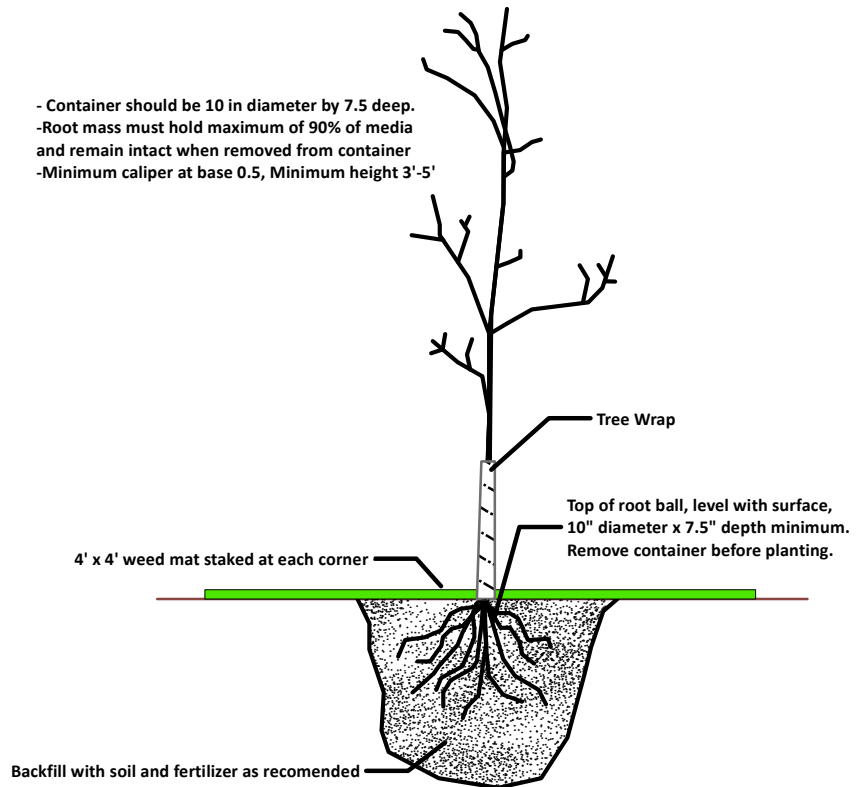
## Typical Planting - Containerized Seedling Spacing Area F

**Typical Planting  
Containerized Seedling Spacing**  
No Scale



**Typical Containerized Seedling Planting**  
No Scale

- Container should be 10 in diameter by 7.5 deep.
- Root mass must hold maximum of 90% of media and remain intact when removed from container
- Minimum caliper at base 0.5, Minimum height 3'-5'



Mitigation / Wetland Rehabilitation - Area F (± 0.6 Acres)		
Total No. of Trees		194.00
Species	Composition	No. of Trees
Softmast	100%	194.00
<i>Taxodium distichum</i>	100%	194.00
Sub Totals		194.00

### For The Five, LLC

#### Green Tree Reservoir and Property Enhancement

Section 07 T09S - R07E  
St. Martin Parish, Louisiana



**BLUE OX**  
ENVIRONMENTAL PLANNING SERVICES, LLC

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