JOINT PUBLIC NOTICE

May 19, 2014

United States Army
Corps of Engineers
New Orleans District
Attn: Regulatory Branch
Post Office Box 60267
New Orleans, Louisiana 70160-0267

State of Louisiana
Department of Environmental Quality
Attn: Water Quality Certification Sec.
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

Project Manager: Bobby Quebedeaux
(504) 862-2224 / fax: (504) 862-2574
bobby.d.quebedeaux@usace.army.mil
Permit Application Number:
MVN-2014-1095-WJJ

Project Manager:
Elizabeth Johnson
(225) 219-3225 / fax: (225) 219-3156
WQC Application Number:
WQC-140513-02

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: [**X**] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [**X**] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

The application has also been mailed to the Louisiana Department of Environmental Quality, for a Water Quality Certification (WQC) in accordance with statutory authority contained in Louisiana Revised Statute 30:2074 A(3), and provisions of Section 401 of the Clean Water Act (P.L. 95-17).

CONSTRUCTION AND PLANTING OF EARTHEN TERRACES IN TERREBONNE AND LAFOURCHE PARISHES

NAME OF APPLICANT: Louisiana Land & Exploration, LLC, Attn: Phil R. Precht, 806 Bayou Black Road, Houma, Louisiana 70360

LOCATION OF WORK: At Bayou Pointe-Aux Chenes (Bayou Jean Charles) area in Terrebonne and Lafourche Parishes, Louisiana, as shown on the attached vicinity map (29.428611, -90.464361, Hydrologic Unit Code 08090302, Bayou Terrebonne Watershed).

CHARACTER OF WORK: Creation of approximately 100,750 linear feet of earthen terraces to establish approximately 1200 acres of marsh habitat to improve waterfowl, estuarine-dependent fish and shell fish and to protect the Island Road infrastructure from tidal action. Following construction, terraces will be planted with smooth cordgrass spaced on three foot centers on slopes above low water level. Project implementation would impact no wetlands and approximately 243 acres of non-vegetated water bottoms.

The comment period for the Department of the Army Permit 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 permit and/or this WQC request and must be submitted so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. Individuals or parties may request an extension of time in which to comment on the proposed work by writing, faxing, or e-mailing the Corps of Engineers 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. Letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined during 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 those are 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 by the U.S. Departments of Interior or Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction or alteration of approximately **243** 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 Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Department of Environmental Quality, before a permit is issued.

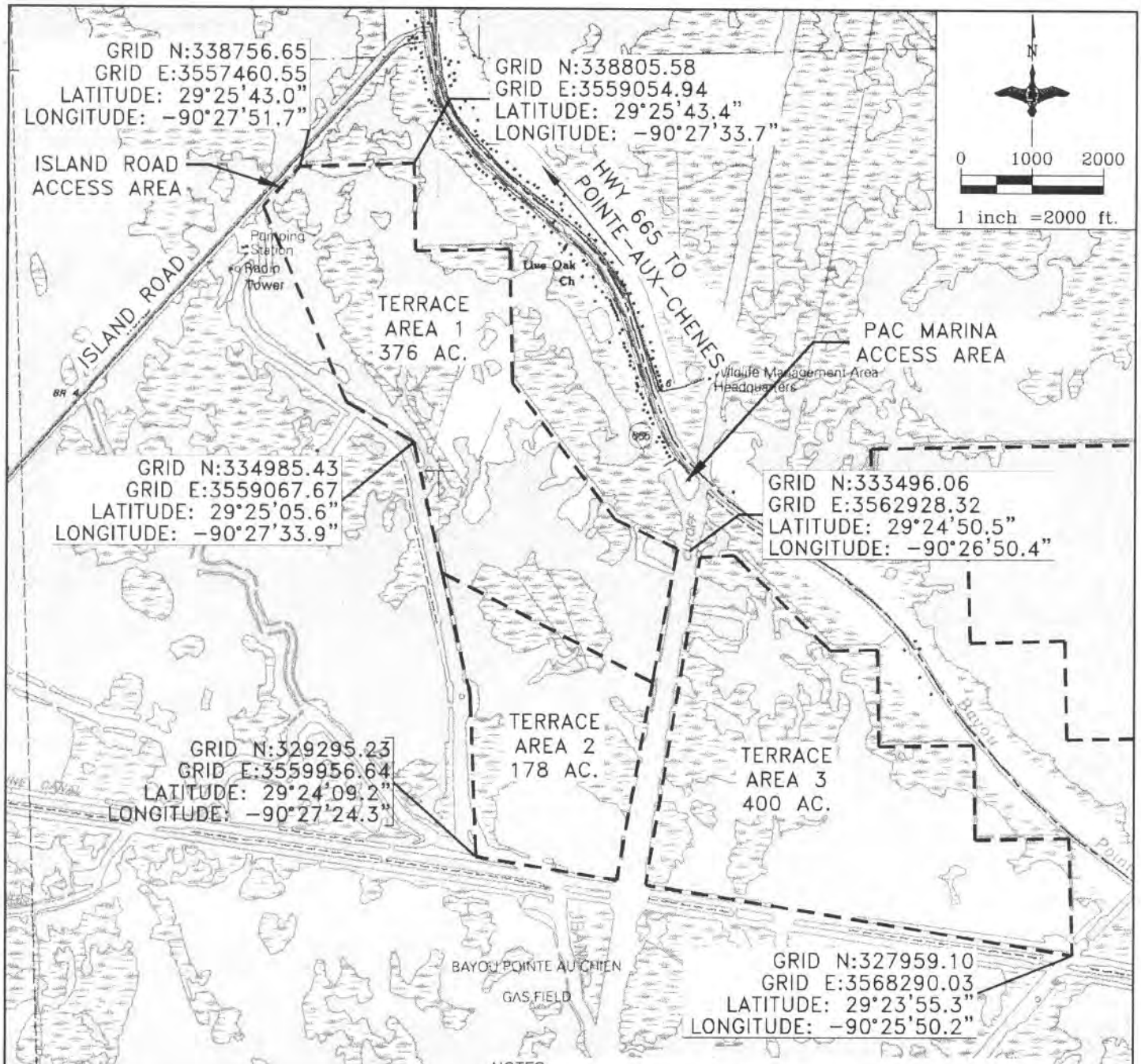
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. The Department of the Army permit will not be issued unless the applicant received approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

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



NOTES:

1. MARSH BUGGY ACCESS TO SITE IS FROM OPEN WATER AREAS ONLY ALONG ISLAND ROAD AND PAC MARINA. NO TRACKING ACROSS EXISTING VEGETATED MARSH IS ALLOWED.
2. TERRACE CONSTRUCTION IS ALLOWED ONLY IN OPEN WATER AREAS WITHIN THE AREAS SHOWN. EXISTING VEGETATED MARSH AREAS SHALL NOT BE DISTRUBED.

BACKGROUND IMAGE REPRODUCED FROM TERREBONNE PARISH DIGITAL RASTER GRAPHIC MRSID MOSAIC PROVIDED BY THE USDA-NRCS NATIONAL CARTOGRAPHY & GEOSPATIAL CENTER.

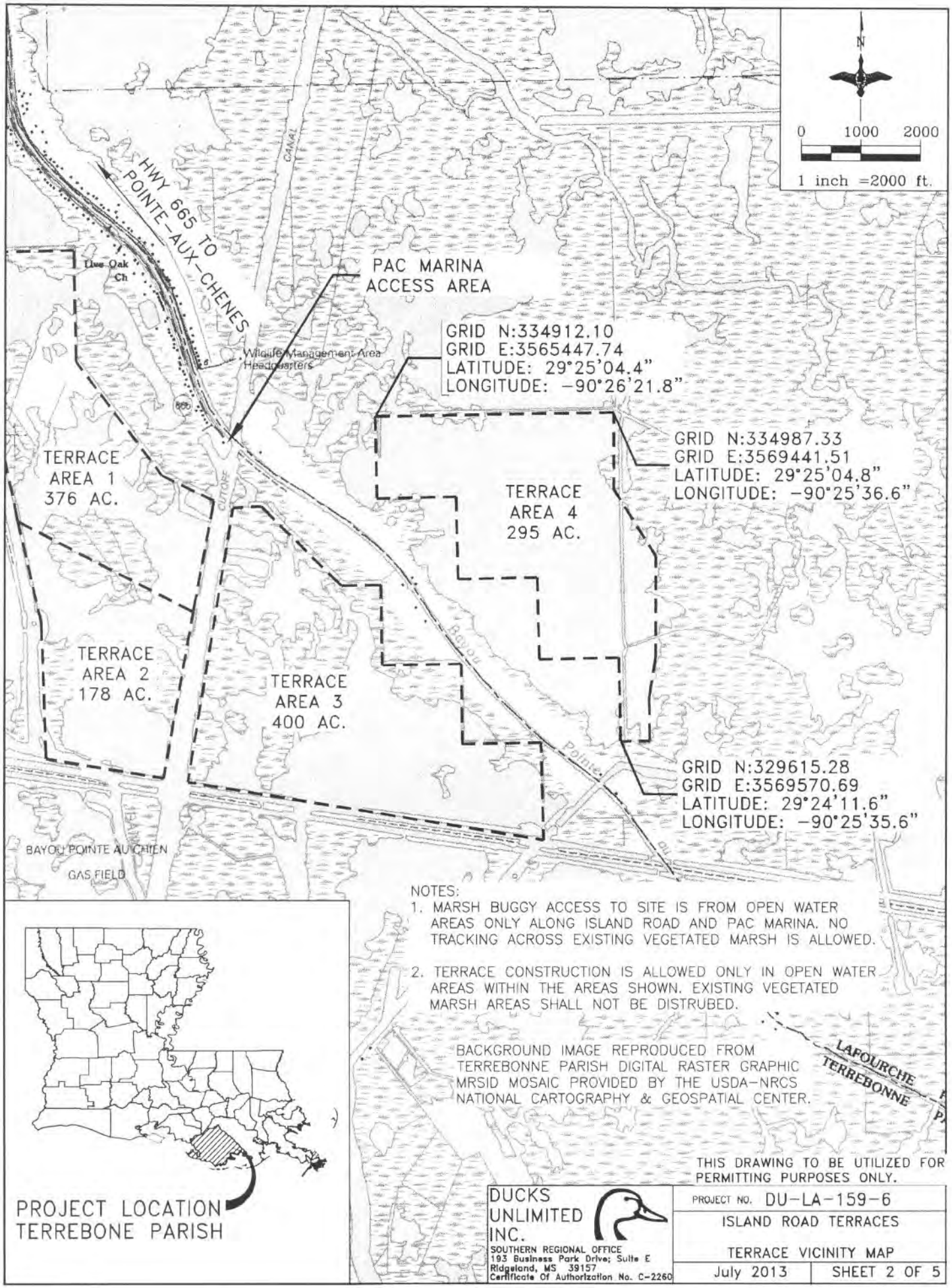
PROJECT LOCATION
TERREBONE PARISH

THIS DRAWING TO BE UTILIZED FOR PERMITTING PURPOSES ONLY.

DUCKS UNLIMITED INC.
SOUTHERN REGIONAL OFFICE
193 Business Park Drive; Suite E
Ridgeland, MS 39157
Certificate Of Authorization No. C-2260

PROJECT NO. DU-LA-159-6	
ISLAND ROAD TERRACES	
TERRACE VICINITY MAP	
July 2013	SHEET 1 OF 5

REV 4/28/14



NOTES:

1. MARSH BUGGY ACCESS TO SITE IS FROM OPEN WATER AREAS ONLY ALONG ISLAND ROAD AND PAC MARINA. NO TRACKING ACROSS EXISTING VEGETATED MARSH IS ALLOWED.
2. TERRACE CONSTRUCTION IS ALLOWED ONLY IN OPEN WATER AREAS WITHIN THE AREAS SHOWN. EXISTING VEGETATED MARSH AREAS SHALL NOT BE DISTRUBED.

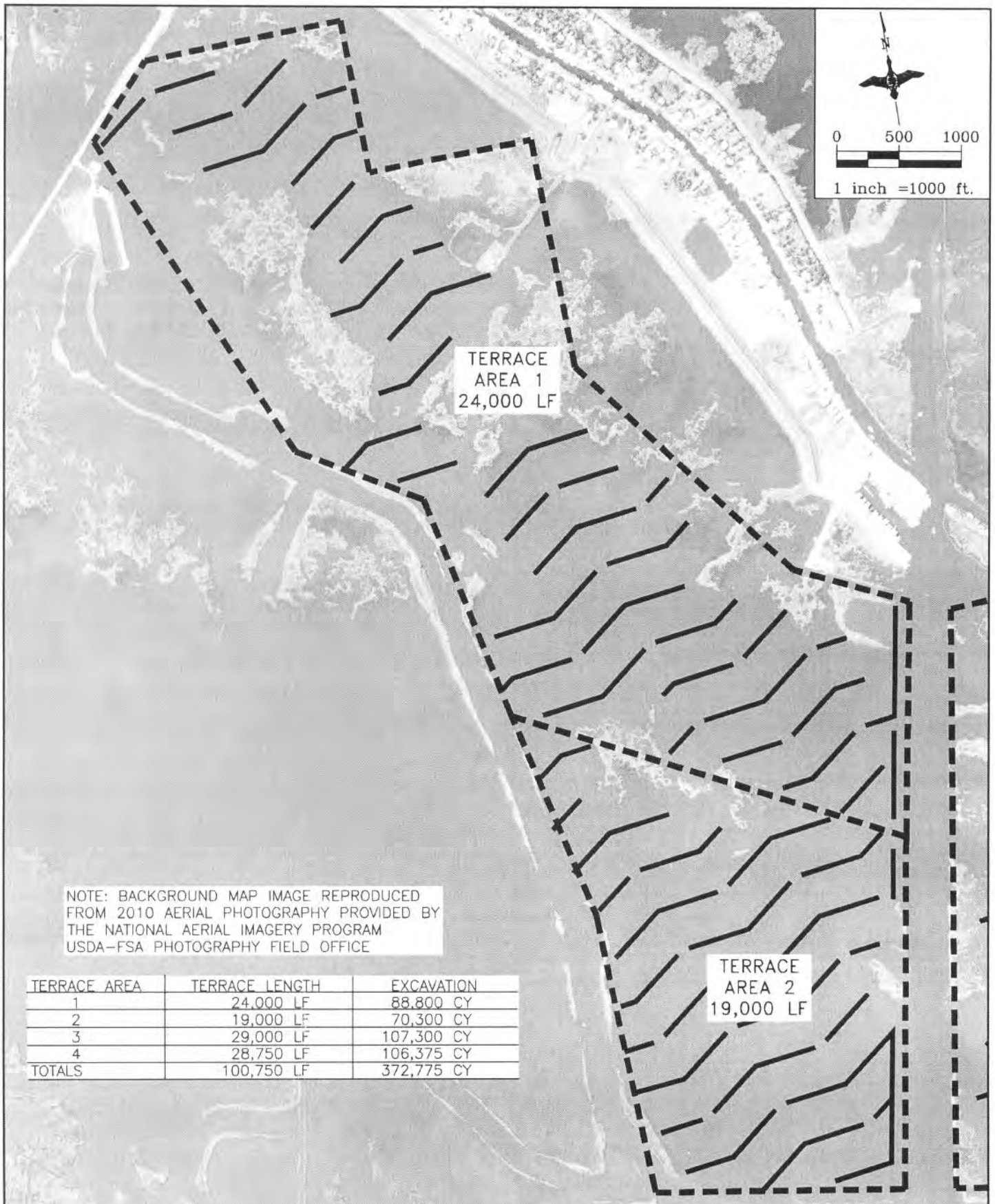
BACKGROUND IMAGE REPRODUCED FROM TERREBONNE PARISH DIGITAL RASTER GRAPHIC MRSID MOSAIC PROVIDED BY THE USDA-NRCS NATIONAL CARTOGRAPHY & GEOSPATIAL CENTER.

THIS DRAWING TO BE UTILIZED FOR PERMITTING PURPOSES ONLY.

DUCKS UNLIMITED INC.
SOUTHERN REGIONAL OFFICE
193 Business Park Drive; Suite E
Ridgeland, MS 39157
Certificate Of Authorization No. C-2260

PROJECT NO. DU-LA-159-6	
ISLAND ROAD TERRACES	
TERRACE VICINITY MAP	
July 2013	SHEET 2 OF 5

REV 4/28/14



NOTE: BACKGROUND MAP IMAGE REPRODUCED FROM 2010 AERIAL PHOTOGRAPHY PROVIDED BY THE NATIONAL AERIAL IMAGERY PROGRAM USDA-FSA PHOTOGRAPHY FIELD OFFICE

TERRACE AREA	TERRACE LENGTH	EXCAVATION
1	24,000 LF	88,800 CY
2	19,000 LF	70,300 CY
3	29,000 LF	107,300 CY
4	28,750 LF	106,375 CY
TOTALS	100,750 LF	372,775 CY

THIS DRAWING TO BE UTILIZED FOR PERMITTING PURPOSES ONLY.

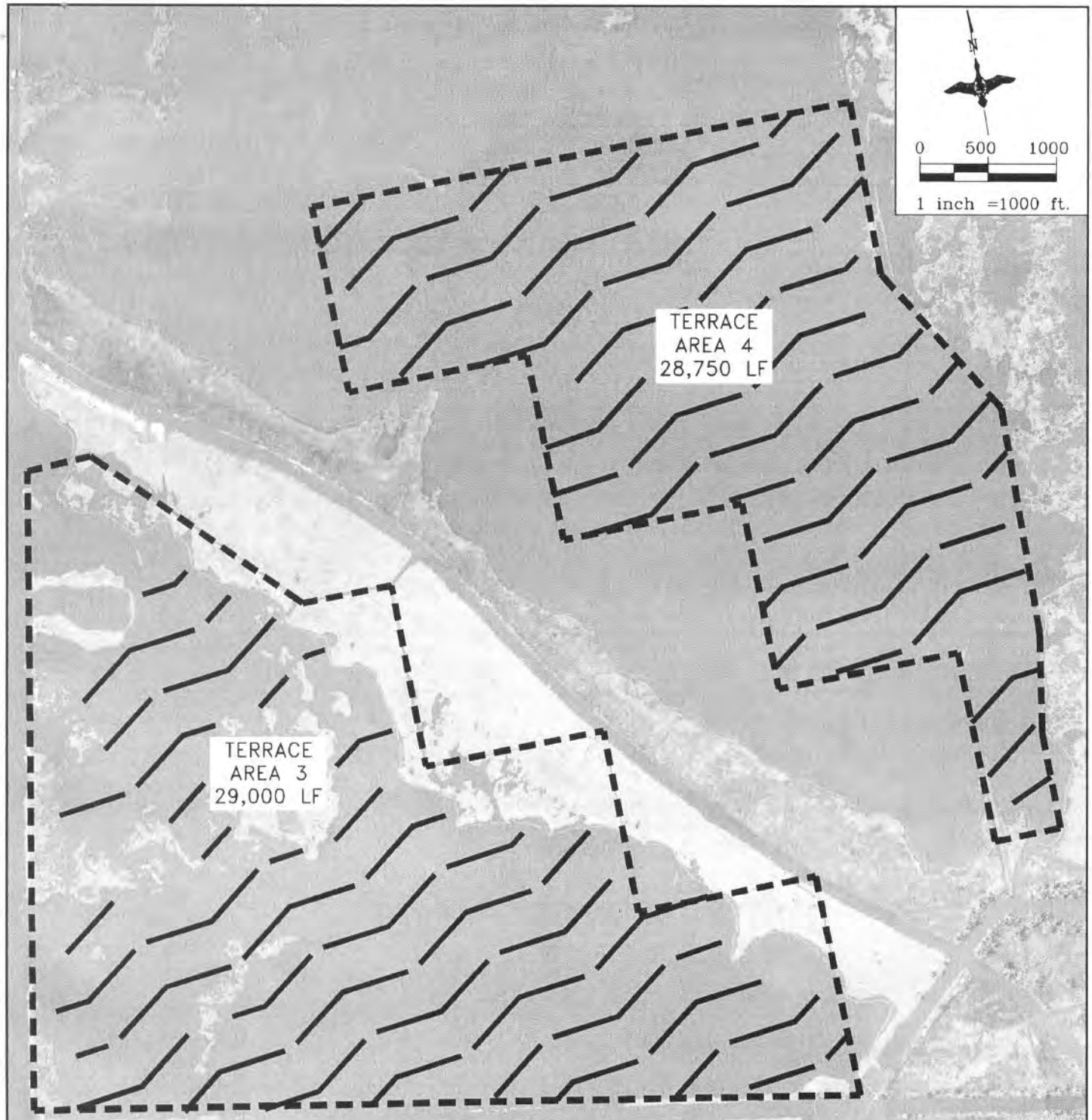
DUCKS UNLIMITED INC.
SOUTHERN REGIONAL OFFICE
193 Business Park Drive; Suite E
Ridgeland, MS 39157
Certificate Of Authorization No. C-2260

PROJECT NO. DU-LA-159-6

ISLAND ROAD TERRACES
TERRACE AREAS 1 & 2
SITE PLAN

July 2013 | SHEET 3 OF 5

REV 4/28/14



TERRACE AREA	TERRACE LENGTH	EXCAVATION
1	24,000 LF	88,800 CY
2	19,000 LF	70,300 CY
3	29,000 LF	107,300 CY
4	28,750 LF	106,375 CY
TOTALS	100,750 LF	372,775 CY

THIS DRAWING TO BE UTILIZED FOR PERMITTING PURPOSES ONLY.

NOTE: BACKGROUND MAP IMAGE REPRODUCED FROM 2010 AERIAL PHOTOGRAPHY PROVIDED BY THE NATIONAL AERIAL IMAGERY PROGRAM USDA-FSA PHOTOGRAPHY FIELD OFFICE

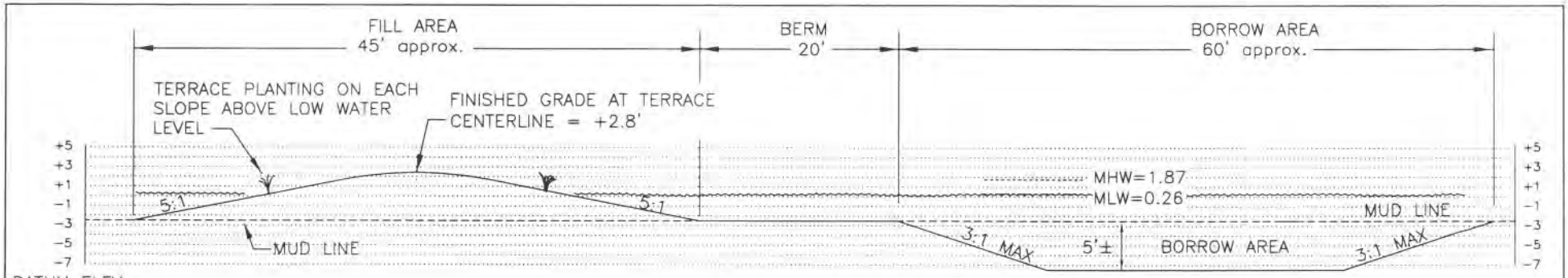
DUCKS UNLIMITED INC.
SOUTHERN REGIONAL OFFICE
193 Business Park Drive; Suite E
Ridgeland, MS 39157
Certificate Of Authorization No. C-2260

PROJECT NO. DU-LA-159-6

ISLAND ROAD TERRACES
TERRACE AREAS 3 & 4
SITE PLAN

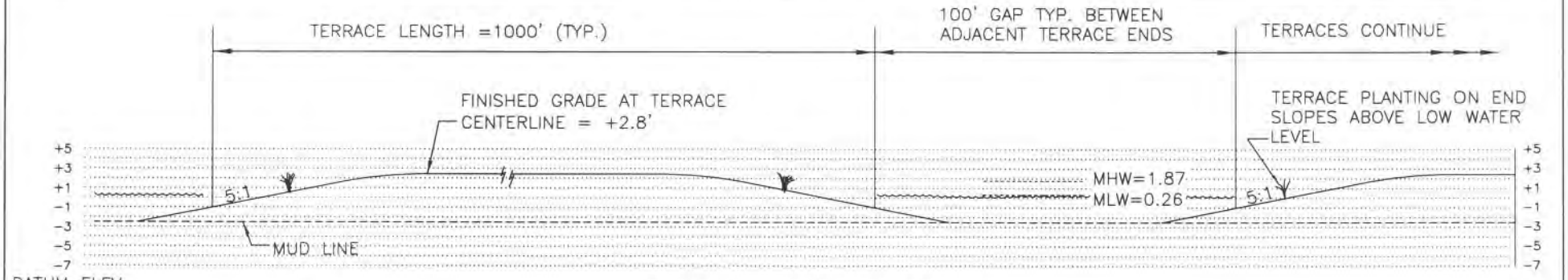
July 2013 | SHEET 4 OF 5

REV 4/28/14



TERRACE AND BORROW AREA TYPICAL SECTION

1" = 15' (Horizontal and Vertical)

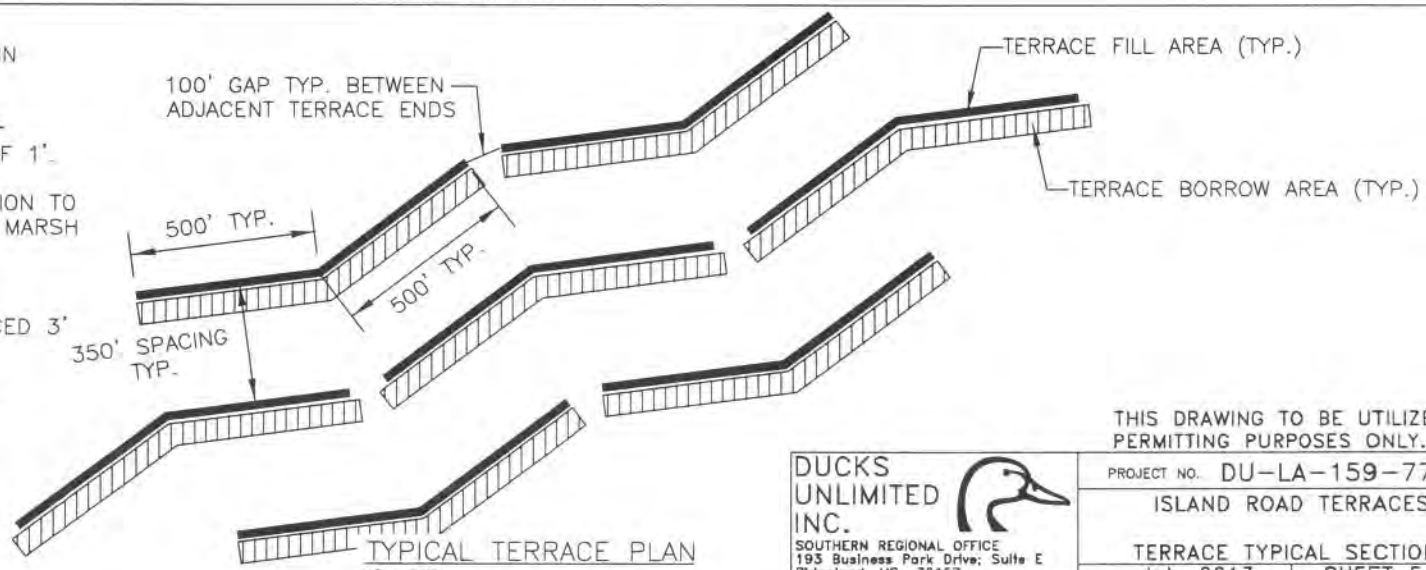


TYPICAL TERRACE PROFILE

1" = 15' (Horizontal and Vertical)

NOTES:

1. TERRACES TO BE CONSTRUCTED IN OPEN WATER AREAS ONLY.
2. INTIAL CONSTRUCTED ELEVATION - +3.8'. EXPECTED SETTLEMENT OF 1'.
3. TERRACE LENGTHS AND ORIENTATION TO BE ADJUSTED TO AVOID EXISTING MARSH VEGETATION.
4. TERRACES TO BE PLANTED WITH SMOOTH CORDGRASS PLUGS SPACED 3' ON CENTERS.
5. EXISTING MARSH LEVEL = +0.3'.



TYPICAL TERRACE PLAN

1" = 500'

THIS DRAWING TO BE UTILIZED FOR PERMITTING PURPOSES ONLY.

DUCKS UNLIMITED INC.

SOUTHERN REGIONAL OFFICE
193 Business Park Drive; Suite E
Ridgeland, MS 39157
Certificate Of Authorization No. C-2260

PROJECT NO. DU-LA-159-77

ISLAND ROAD TERRACES

TERRACE TYPICAL SECTIONS

July 2013 | SHEET 5 OF 5

REV 4/28/14