OFFICIAL FILE COPY
CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

Memorandum

MIAMI-DADE COUNTY

Date: March 3, 2009

To: Honorable Chairman Dennis C. Moss
and Members, Board of County Commissioners

Agenda Item No. 3(J)(1)(B)

From: George M. Burgess
County Manager

Resolution No. R-147-09

Subject: Ratification of a Grant Application to the National Endowment for the Humanities for the Deering Estate at Cutler

Recommendation

It is recommended that the Board adopt the attached resolution ratifying the submission of a grant application to the National Endowment for the Humanities (Attachment A) for $288,874 in funding to support archeological interpretive enhancements at the Deering Estate at Cutler. It is further recommended that the Board authorize the County Mayor or County Mayor's designee to receive and expend grant funds, and execute contracts, agreements, and amendments, as required by program guidelines.

Scope

The Deering Estate at Cutler is located at 16701 SW 72nd Avenue in Commission District 8. The property is open to all residents and visitors of Miami-Dade County. This project will have a County-wide impact.

Fiscal Impact/Funding Source

The grant will contribute $288,874 towards the estimated total project cost of $502,504. The grant match of $213,630 will be funded from allocations in the Deering Estate at Cutler operating budget.

Track Record/Monitor

The grant will be administered by Rahul Shrivastava, Grants Administrator at Miami-Dade Park and Recreation Department. The National Endowment for the Humanities has funded preservation at Vizcaya and supported musical art programming at the Historical Museum.

Background

The Deering Estate at Cutler is an archeological, environmental and historical preserve. Archeological interpretive programming is an integral part of the Estate's efforts to develop and improve the delivery of educational information about Florida's historical heritage and provide tourism opportunities to the community and visitors. Requested funds will help the Estate undertake enhancements to its existing archeological resources and interpretive programs. Specifically, reconstruct the boardwalk leading to the Tequesta burial mound, enhance the educational mock archeological dig site and support the development of related interpretive programming.

Attachment

Alex Muñoz
Assistant County Manager

MEMORANDUM

(Revised)

TO: Honorable Chairman Dennis C. Moss and Members, Board of County Commissioners

DATE: March 3, 2009

FROM: R. A. Cuevas, Jr. County Attorney

SUBJECT: Agenda Item No. 3(J)(1)(B)

Please note any items checked.

_____ **"4-Day Rule" ("3-Day Rule" for committees) applicable if raised**

_____ **6 weeks required between first reading and public hearing**

_____ **4 weeks notification to municipal officials required prior to public hearing**

_____ **Decreases revenues or increases expenditures without balancing budget**

_____ **Budget required**

_____ **Statement of fiscal impact required**

_____ **Bid waiver requiring County Mayor's written recommendation**

_____ **Ordinance creating a new board requires detailed County Manager's report for public hearing**

_____ **Housekeeping item (no policy decision required)**

✓ **No committee review**

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 3(J)(1)(B)
3-3-09

RESOLUTION NO. **R-147-09**

RESOLUTION RATIFYING THE SUBMISSION OF A GRANT APPLICATION TO THE NATIONAL ENDOWMENT FOR THE HUMANITIES FOR $288,874 IN GRANT FUNDING TO SUPPORT ARCHEOLOGICAL INTERPRETIVE ENHANCEMENTS AT THE DEERING ESTATE AT CUTLER; AND FURTHER AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO RECEIVE AND EXPEND FUNDS, AND TO FILE AND EXECUTE CONTRACTS AND AMENDMENTS AS REQUIRED

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board ratifies the submission of the grant application to the National Endowment for the Humanities for $288,874 in funding to support archeological interpretive enhancements at the Deering Estate at Cutler; and further authorizes the County Mayor or County Mayor's designee to execute such contracts and amendments as are required by this governmental body following approval by the County Attorney's Office; to receive and expend all monies for the purposes described in the funding request; and to file and execute any necessary contracts and amendments to the agreement for and on behalf of Miami-Dade County, Florida.

The foregoing resolution was offered by Commissioner **Jose "Pepe" Diaz** , who moved its adoption. The motion was seconded by Commissioner **Rebeca Sosa** and upon being put to a vote, the vote was as follows:

Dennis C. Moss, Chairman	**aye**		
Jose "Pepe" Diaz, Vice-Chairman	**aye**		
Bruno A. Barreiro	**aye**	Audrey M. Edmonson	**aye**
Carlos A. Gimenez	**aye**	Sally A. Heyman	**aye**
Barbara J. Jordan	**aye**	Joe A. Martinez	**absent**
Dorrin D. Rolle	**aye**	Natacha Seijas	**absent**
Katy Sorenson	**aye**	Rebeca Sosa	**aye**
Sen. Javier D. Souto	**absent**		

The Chairperson thereupon declared the resolution duly passed and adopted this 3rd day of March, 2009. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: **Kay Sullivan**
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency. MR

Monica Rizo

Stepping Through Time:
Tracing the Archeological Footsteps of the Tequesta

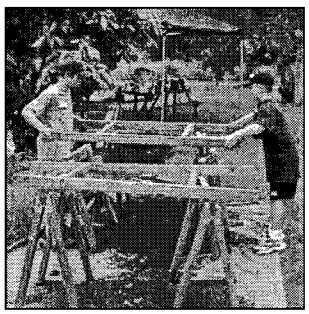
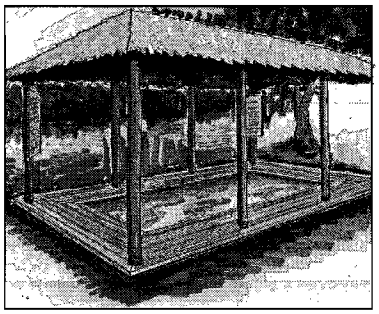
America's Historical and Cultural Organizations
Implementation Grants
National Endowment for the Humanities
CFDA No. 45.164

Submitted By

Miami-Dade County
Park and Recreation Department
Deering Estate at Cutler

MIAMI-DADE COUNTY

January 28, 2009

Home > Apply for Grants > Confirmation

Confirmation

Thank you for submitting your grant application package via Grants.gov. Your application is currently being processed by the Grants.gov system. Once your submission has been processed, Grants.gov will send email messages to advise you of the progress of your application through the system. Over the next 24 to 48 hours, you should receive two emails. The first will confirm receipt of your application by the Grants.gov system, and the second will indicate that the application has either been successfully validated by the system prior to transmission to the grantor agency or has been rejected due to errors.

Please do not hit the back button on your browser.

If your application is successfully validated and subsequently retrieved by the grantor agency from the Grants.gov system, you will receive an additional email. This email may be delivered several days or weeks from the date of submission, depending on when the grantor agency retrieves it.

You may also monitor the processing status of your submission within the Grants.gov system by using the following steps:

1. Go to http://www.grants.gov
2. Click on the "Track Your Application" link on the left side navigation bar on the Grants.gov homepage.
3. Login to the system using your AOR User Id and password
4. Click on the "Check Application Status" link on the left side navigation bar.

Note: Once the grantor agency has retrieved your application from Grants.gov, you will need to contact them directly for any subsequent status updates. Grants.gov does not participate in making any award decisions.

IMPORTANT NOTICE: If you do not receive a receipt confirmation and either a validation confirmation or a rejection email message within 48 hours, please contact us. The Grants.gov Contact Center can be reached by email at support@grants.gov, or by telephone at 1-800-518-4726. Always include your Grants.gov tracking number in all correspondence. The tracking numbers issued by Grants.gov look like GRANTXXXXXXXXX.

Contact Center hours of operation are Monday-Friday from 7:00 A.M. to 9:00 P.M. Eastern Time.

The following application tracking information was generated by the system:

Grants.gov Tracking Number :	GRANT10139364
Applicant DUNS:	13-191-0254
Submitter's Name:	Wall Dan
CFDA Number:	45.164
CFDA Description:	Promotion of the Humanities_Public Programs
Funding Opportunity Number :	20090128-GI
Funding Opportunity Description :	America??s Historical and Cultural Organizations Implen
Agency Name :	National Endowment for the Humanities
Application Name of this Submission :	Miami-Dade County Park and Recreation
Date/Time of Receipt :	2009.01.28 2:46 PM, EST

It is suggested you Save and/or Print this response for your records.

GRANTS.GOV™

Grant Application Package

Opportunity Title:	America?s Historical and Cultural Organizations Impleme
Offering Agency:	National Endowment for the Humanities
CFDA Number:	45.164
CFDA Description:	Promotion of the Humanities_Public Programs
Opportunity Number:	20090128-GI
Competition ID:	
Opportunity Open Date:	11/18/2008
Opportunity Close Date:	01/28/2009
Agency Contact:	Division of Public Programs National Endowment for the Humanities Room 426 1100 Pennsylvania Avenue, N.W. Washington, D.C. 20506 202-606-8269 or publicpgms@neh.gov

This electronic grants application is intended to be used to apply for the specific Federal funding opportunity referenced here.

If the Federal funding opportunity listed is not the opportunity for which you want to apply, close this application package by clicking on the "Cancel" button at the top of this screen. You will then need to locate the correct Federal funding opportunity, download its application and then apply.

This opportunity is only open to organizations, applicants who are submitting grant applications on behalf of a company, state, local or tribal government, academia, or other type of organization.

*** Application Filing Name:** Miami-Dade County Park and Recreation

Mandatory Documents

Move Form to Complete

Move Form to Delete

Mandatory Documents for Submission

- Application for Federal Domestic Assistance-Sho.
- Supplementary Cover Sheet for NEH Grant Program.
- Attachments

Optional Documents

Move Form to Submission List

Move Form to Delete

Optional Documents for Submission

Instructions

1 **Enter a name for the application in the Application Filing Name field.**

- This application can be completed in its entirety offline; however, you will need to login to the Grants.gov website during the submission process.
- You can save your application at any time by clicking the "Save" button at the top of your screen.
- The "Save & Submit" button will not be functional until all required data fields in the application are completed and you clicked on the "Check Package for Errors" button and confirmed all data required data fields are completed.

2 **Open and complete all of the documents listed in the "Mandatory Documents" box. Complete the SF-424 form first.**

- It is recommended that the SF-424 form be the first form completed for the application package. Data entered on the SF-424 will populate data fields in other mandatory and optional forms and the user cannot enter data in these fields.

- The forms listed in the "Mandatory Documents" box and "Optional Documents" may be predefined forms, such as SF-424, forms where a document needs to be attached, such as the Project Narrative or a combination of both. "Mandatory Documents" are required for this application. "Optional Documents" can be used to provide additional support for this application or may be required for specific types of grant activity. Reference the application package instructions for more information regarding "Optional Documents".

- To open and complete a form, simply click on the form's name to select the item and then click on the => button. This will move the document to the appropriate "Documents for Submission" box and the form will be automatically added to your application package. To view the form, scroll down the screen or select the form name and click on the "Open Form" button to begin completing the required data fields. To remove a form/document from the "Documents for Submission" box, click the document name to select it, and then click the <= button. This will return the form/document to the "Mandatory Documents" or "Optional Documents" box.

- All documents listed in the "Mandatory Documents" box must be moved to the "Mandatory Documents for Submission" box. When you open a required form, the fields which must be completed are highlighted in yellow with a red border. Optional fields and completed fields are displayed in white. If you enter invalid or incomplete information in a field, you will receive an error message.

3 **Click the "Save & Submit" button to submit your application to Grants.gov.**

- Once you have properly completed all required documents and attached any required or optional documentation, save the completed application by clicking on the "Save" button.
- Click on the "Check Package for Errors" button to ensure that you have completed all required data fields. Correct any errors or if none are found, save the application package.
- The "Save & Submit" button will become active; click on the "Save & Submit" button to begin the application submission process.
- You will be taken to the applicant login page to enter your Grants.gov username and password. Follow all onscreen instructions for submission.

OMB Number: 4040-0003
Expiration Date: 07/31/2008

APPLICATION FOR FEDERAL DOMESTIC ASSISTANCE - Short Organizational Version 01

*** 1. NAME OF FEDERAL AGENCY:**

National Endowment for the Humanities

2. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:

45.164

CFDA TITLE:

Promotion of the Humanities_Public Programs

*** 3. DATE RECEIVED:** Completed Upon Submission to Grants.gov **SYSTEM USE ONLY**

*** 4. FUNDING OPPORTUNITY NUMBER:**

20090128-GI

* TITLE:

America?s Historical and Cultural Organizations Implementation Grants

5. APPLICANT INFORMATION

* a. Legal Name:

Miami-Dade County

b. Address:

* Street1:	Street2:
111 NW 1st Street, 29th Floor	
*** City:**	**County:**
Miami	
*** State:**	**Province:**
FL: Florida	
*** Country:**	*** Zip/Postal Code:**
USA: UNITED STATES	33128-1994

c. Web Address:

http:// www.deeringestate.com

* d. Type of Applicant: Select Applicant Type Code(s):	* e. Employer/Taxpayer Identification Number (EIN/TIN):
B: County Government	596000573
Type of Applicant:	* f. Organizational DUNS:
	131910254
Type of Applicant:	* g. Congressional District of Applicant:
	18, 17
* Other (specify):	

6. PROJECT INFORMATION

* a. Project Title:

Stepping Through Time: Tracing the Archeological Footsteps of the Tequesta

* b. Project Description:

The purpose of the proposed project is to deepen the public's understanding of Florida's and our nation's archaeological and historical past. Proposed grant funds will be used to introduce findings from previous on-site archeological excavations and analysis (Cutler Fossil Site, Black Dirt Midden, and Cutler Burial Mound) as well as incorporate new Ground Penetrating Radar analysis, into two mock archeological dig sites, on-site exhibits and classroom space, interpretive educational programs, as well as online through an interactive learning module.

c. Proposed Project: * Start Date: 09/01/2009 * End Date: 08/31/2011

OMB Number: 4040-0003
Expiration Date: 07/31/2008

APPLICATION FOR FEDERAL DOMESTIC ASSISTANCE - Short Organizational Version 01

7. PROJECT DIRECTOR

Social Security Number (SSN) - Optional:
000-00-3369

Disclosure of SSN is voluntary. Please see the application package instructions for the agency's authority and routine uses of the data.

Prefix: Ms. / * First Name: Jennifer	Middle Name:
* Last Name: Tisthammer	Suffix:
* Title: Exhibits and Collections Coordinator	* Email: tistj@miamidade.gov
* Telephone Number: 305-235-1668 ext 232	Fax Number: 305-254-5866
* Street1: 16701 SW 72 Avenue	Street2:
* City: Miami	County: Miami-Dade County
* State: FL: Florida	Province:
* Country: USA: UNITED STATES	* Zip/Postal Code: 33157

8. PRIMARY CONTACT/GRANTS ADMINISTRATOR

☒ Same as Project Director (skip to item 9):	Social Security Number (SSN) - Optional: 000-00-3369 Disclosure of SSN is voluntary. Please see the application package instructions for the agency's authority and routine uses of the data.
Prefix: Ms. / * First Name: Jennifer	Middle Name:
* Last Name: Tisthammer	Suffix:
* Title: Exhibits and Collections Coordinator	* Email: tistj@miamidade.gov
* Telephone Number: 305-235-1668 ext 232	Fax Number: 305-254-5866
* Street1: 16701 SW 72 Avenue	Street2:
* City: Miami	County: Miami-Dade County
* State: FL: Florida	Province:
* Country: USA: UNITED STATES	* Zip/Postal Code: 33157

OMB Number: 4040-0003
Expiration Date: 07/31/2008

APPLICATION FOR FEDERAL DOMESTIC ASSISTANCE - Short Organizational Version 01

9. * By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties (U.S. Code, Title 218, Section 1001)

** I Agree ☒

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

AUTHORIZED REPRESENTATIVE

Prefix:	* First Name:	Middle Name:
Mr.	George	M.

* Last Name:	Suffix:
Burgess	

* Title:	* Email:
County Manager	gburgess@miamidade.gov

* Telephone Number:	Fax Number:
305-375-5311	305-375-1262

* Signature of Authorized Representative:	* Date Signed:
Completed by Grants.gov upon submission.	Completed by Grants.gov upon submission.

Authorized for Local Reproduction

Standard Form 424 Organization Short (04-2005)
Prescribed by OMB Circular A-102

OMB Number: 3136-0134
Expiration Date: 6/30/2009

Supplementary Cover Sheet for NEH Grant Programs

1. Project Director * Major Field of Study: F4:Public Administration

2. Institution Information * Type: 1339: State/Local/Federal Government

3. Project Funding

Programs other than Challenge Grants ($)

Outright Funds	75,244.00
Federal Match	213,630.00
Total from NEH	288,874.00
Cost Sharing	213,630.00
Total Project Costs	502,504.00

Challenge Grants Applicants Only ($)

Fiscal Year #1	
Fiscal Year #2	
Fiscal Year #3	
Fiscal Year #4	
Total from NEH	
Non-Federal Match	
Total	
Matching Ratio	to 1

4. Application Information

* Will this proposal be submitted to another NEH division, government agency, or private entity for funding? ☐ Yes ☒ No

If yes, please explain where and when:

* Type of Application ☒ New ☐ Supplement

If supplement, list current grant number(s).

* Project Field Code: U6:Archaeology

ATTACHMENTS FORM

Instructions: On this form, you will attach the various files that make up your grant application. Please consult with the appropriate Agency Guidelines for more information about each needed file. Please remember that any files you attach must be in the document format and named as specified in the Guidelines.

Important: Please attach your files in the proper sequence. See the appropriate Agency Guidelines for details.

1) Please attach Attachment 1	Table_of_Contents_MDC.pdf	Add Attachment	Delete Attachment	View Attachment
2) Please attach Attachment 2	BudgetForm_MDC2.pdf	Add Attachment	Delete Attachment	View Attachment
3) Please attach Attachment 3	Narrative_Stepping_Through_T:	Add Attachment	Delete Attachment	View Attachment
4) Please attach Attachment 4	Special_Requirements_Steppin(	Add Attachment	Delete Attachment	View Attachment
5) Please attach Attachment 5	Appendix_A_Resumes_MDC.pdf	Add Attachment	Delete Attachment	View Attachment
6) Please attach Attachment 6	Appendix_B_Letters_MDC.pdf	Add Attachment	Delete Attachment	View Attachment
7) Please attach Attachment 7	Appendix_C_Bibliography_MDC.I	Add Attachment	Delete Attachment	View Attachment
8) Please attach Attachment 8	Appendix_D_ListofObjects_MDC	Add Attachment	Delete Attachment	View Attachment
9) Please attach Attachment 9	Appendix_E_Project_Collectio:	Add Attachment	Delete Attachment	View Attachment
10) Please attach Attachment 10	Appendix_F_DigSite_MDC.pdf	Add Attachment	Delete Attachment	View Attachment
11) Please attach Attachment 11	Appendix_G_OptBudget_MDC.pdf	Add Attachment	Delete Attachment	View Attachment
12) Please attach Attachment 12	Appendix_H_Samples_MDC.pdf	Add Attachment	Delete Attachment	View Attachment
13) Please attach Attachment 13	Appendix_I_Planning_MDC.pdf	Add Attachment	Delete Attachment	View Attachment
14) Please attach Attachment 14		Add Attachment	Delete Attachment	View Attachment
15) Please attach Attachment 15		Add Attachment	Delete Attachment	View Attachment

Stepping Through Time: Tracing the Archeological Footsteps of the Tekesta
Miami-Dade County Park and Recreation Department
Deering Estate at Cutler

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OMB No. 3136-0134
Expires 6/30/09

NATIONAL ENDOWMENT FOR THE HUMANITIES

THREE-YEAR BUDGET FORM

Project Director: Jennifer Tisthammer

Applicant Organization: Miami-Dade County Park and Recreation Dept. - The Deering Estate at Cutler

Requested Grant Period From (mo/yr): 9/2009 Thru (mo/yr): 8/2011

If this is a revised budget, indicate the NEH application/grant number: _____

The three-column budget has been developed for the convenience of those applicants who wish to identify the project costs that will be charged to NEH funds and those that will be cost shared. **FOR NEH PURPOSES, THE ONLY COLUMN THAT NEEDS TO BE COMPLETED IS COLUMN C.** *The method of cost computation should clearly indicate how the total charge for each budget item was determined. If more space is needed for any budget category, please follow the budget format on a separate sheet of paper.* ***Click HERE to see the detailed instructions.***

SECTION A – Year #1

Budget detail for the period FROM (mo/yr): 9/2009 THRU (mo/yr): 9/2010

When the proposed grant period is eighteen months or longer, project expenses for each twelve-month period are to be listed separately and totaled in the last column of the budget. For projects that will run less than eighteen months, only the last column of the budget should be completed.

1. Salaries and Wages

Provide the names and titles of the principal project personnel. For support staff, include the title of each position and indicate in brackets the number of persons who will be employed in that capacity. For persons employed on an academic year basis, list separately any salary charge for work done outside the academic year.

Name/Title of Position	No.	Method of Cost Computation (see sample)	NEH Funds (a)	Cost Sharing (b)	Total (c)
Jennifer Tisthammer/Project Director	[1]	12 mos x 20% @ $80,808	$ 0	$ 16,161	$ 16,161
Jessica Cabral/Project Coordinator	[1]	12 mos x 30% @ $26,936	$ 8,081	$ 0	$ 8,081
Max Pearl/Docent Coordinator; Elias Horna/Naturalist	[2]	12 mos x 5% @ $20,202	$ 0	$ 2,020	$ 2,020
Ernest Lent/Naturalist	[1]	12 mos x 10% @ $35,126	$ 0	$ 3,513	$ 3,513
James Lee/Naturalist	[1]	12 mos x 5% @ $26,936	$ 0	$ 1,347	$ 1,347
Yoelly Burgos/Education Coordinator	[1]	12 mos x 30% @ $26,345	$ 0	$ 7,903	$ 7,903
Andres de la Silviera/Naturalist	[1]	12 mos x 5% @ $22,516	$ 0	$ 1,126	$ 1,126
		SUBTOTAL	$ 8,081	$ 32,070	$ 40,151

2. Fringe Benefits

If more than one rate is used, list each rate and salary base.

Rate		Salary Base	(a)	(b)	(c)
51.5901	% of $	8,081	$ 4,168	$ 0	$ 4,168
66.9473	% of $	32,070	$ 0	$ 21,470	$ 21,470
	% of $		$	$	$
		SUBTOTAL	$ 4,168	$ 21,470	$ 25,638

3. Consultant Fees

Include payments for professional and technical consultants and honoraria.

Name or type of consultant	No. of days on project	Daily rate of compensation	NEH Funds (a)	Cost Sharing (b)	Total (c)
Boardwalk: Architect, Consult., Const. Mgr.			$ 35,000	$ 0	$ 35,000
Dig Site: Design, Architect, Consult. Proj. Mgr.			$ 18,000	$ 0	$ 18,000
			$	$	$
			$	$	$
		SUBTOTAL	$ 53,000	$ 0	$ 53,000

4. Travel

For each trip, indicate the number of persons traveling, the total days they will be in travel status, and the total subsistence and transportation costs for that trip. When a project will involve the travel of a number of people to a conference, institute, etc., these costs may be summarized on one line by indicating the point of origin as "various." All foreign travel must be listed separately.

From/To	#	*	Subsistence Costs +	Transportation Costs =	(a)	(b)	(c)
	[ ]	[ ]	$	$	$	$	$
	[ ]	[ ]	$	$	$	$	$
	[ ]	[ ]	$	$	$	$	$
	[ ]	[ ]	$	$	$	$	$
	[ ]	[ ]	$	$	$	$	$
	[ ]	[ ]	$	$	$	$	$
				SUBTOTAL	$ 0	$ 0	$ 0

- Number of persons * - Total travel days

5. Supplies and Materials

Include consumable supplies, materials to be used in the project and items of expendable equipment (i.e., equipment items costing less than $5,000 and with an estimated useful life of less than a year).

Item	Basis/Method of Cost Computation	(a)	(b)	(c)
Living Classroom Materials	comparative market pricing analyses	$	$ 2,500	$ 2,500
Archeological Tools/Equipment	comparative market pricing analyses	$	$ 5,000	$ 5,000
Display Cases	comparative market pricing analyses	$	$ 5,500	$ 5,500
		$	$	$
		$	$	$
		$	$	$
		$	$	$
	SUBTOTAL	$ 0	$ 13,000	$ 13,000

6. Services

Include the cost of duplication and printing, long distance telephone calls, equipment rental, postage, and other services related to project objectives that are not included under other budget categories or in the indirect cost pool. For subcontracts, provide an itemization of subcontract costs as an attachment.

Item	Basis/Method of Cost Computation	NEH Funds (a)	Cost Sharing (b)	Total (c)
Research/Media E-Learning	Proposal by Oxidev	$ 4,000	$ 0	$ 4,000
		$	$	$
		$	$	$
		$	$	$
		$	$	$
		$	$	$
		$	$	$
	SUBTOTAL	$ 4,000	$ 0	$ 4,000

7. Other Costs

Include participant stipends and room and board, equipment purchases, and other items not previously listed. Please note that "miscellaneous" and "contingency" are not acceptable budget categories. Refer to the budget instructions for the restriction on the purchase of permanent equipment.

Item	Basis/Method of Cost Computation	NEH Funds (a)	Cost Sharing (b)	Total (c)
Facilities Rental, Security and Maintenace	based square footage, market analysis, fixed costs	$ 0	$ 25,500	$ 25,500
Artifact Reproductions	comparative market pricing analyses	$ 0	$ 10,500	$ 10,500
Exhibit Panel Production	comparative market pricing analyses	$ 0	$ 2,500	$ 2,500
		$	$	$
		$	$	$
		$	$	$
		$	$	$
	SUBTOTAL	$ 0	$ 38,500	$ 38,500

8. Total Direct Costs (add subtotals of items 1 to 7) $ 69,249 $ 105,040 $ 174,289

9. Indirect Costs

This budget item applies only to institutional applicants. If indirect costs are to be charged to this project, **CHECK THE APPROPRIATE BOX BELOW** and provide the information requested. Refer to the budget instructions for explanations of these options.

☐ Current indirect cost rate(s) has/have been negotiated with federal agency. (Complete items A and B.)

☐ Indirect cost proposal has been submitted to a federal agency, but not yet negotiated. (Indicate the name of the agency in Item A and show proposed rate(s) and base(s) and the amount(s) of indirect costs in item B.)

☐ Indirect cost proposal will be sent to NEH if application is funded. (Provide in Item B an estimate of the rate that will be used and indicate the base against which it will be charged and the amount of indirect costs.)

☐ Applicant chooses to use a rate not to exceed 10% of direct costs, less distorting items, up to a maximum charge of $5,000 per year. (Under Item B, enter the proposed rate, the base against which the rate will be charged, and the computation of indirect costs or $5,000 per year, whichever value is less.)

☐ For Public Program projects only: Applicant is a sponsorship (umbrella) organization and chooses to charge an administrative fee of 5% of total direct costs. (Complete Item B.)

Item A. Name of federal agency: _____

Date of agreement: _____

Item B.

Rate(s)	Base(s)	NEH Funds (a)	Cost Sharing (b)	Total (c)
_____%	of $ _____	$ _____	$ _____	$ _____
_____%	of $ _____	$ _____	$ _____	$ _____
_____%	of $ _____	$ _____	$ _____	$ _____
	TOTAL INDIRECT COSTS	$ 0	$ 0	$ 0

10. Total Project Costs

(Direct and Indirect) for budget period.

$ 69,249 $ 105,040 $ 174,289

NATIONAL ENDOWMENT FOR THE HUMANITIES

THREE-YEAR BUDGET FORM

Project Director: Jennifer Tisthammer

Applicant Organization: Miami-Dade County Park and Recreation Dept. - The Deering Estate at Cutler

Requested Grant Period From (mo/yr): 9/2009 Thru (mo/yr): 8/2011

If this is a revised budget, indicate the NEH application/grant number: _____

The three-column budget has been developed for the convenience of those applicants who wish to identify the project costs that will be charged to NEH funds and those that will be cost shared. **FOR NEH PURPOSES, THE ONLY COLUMN THAT NEEDS TO BE COMPLETED IS COLUMN C.** *The method of cost computation should clearly indicate how the total charge for each budget item was determined. If more space is needed for any budget category, please follow the budget format on a separate sheet of paper.*

SECTION A - Year #2 (if needed)

Budget detail for the period FROM (mo/yr): 9/2010 THRU (mo/yr): 8/2011

When the proposed grant period is eighteen months or longer, project expenses for each twelve-month period are to be listed separately and totaled in the last column of the summary budget. For projects that will run less than eighteen months, only the last column of the summary budget should be completed.

1. Salaries and Wages

Provide the names and titles of the principal project personnel. For support staff, include the title of each position and indicate in brackets the number of persons who will be employed in that capacity. For persons employed on an academic year basis, list separately any salary charge for work done outside the academic year.

Name/Title of Position	No.	Method of Cost Computation (see sample)	NEH Funds (a)	Cost Sharing (b)	Total (c)
Jennifer Tisthammer/Project Director	[1]	12 mos x 20% @ $87,273	$ 0	$ 17,454	$ 17,454
Jessical Cabral/Project Coordinator	[1]	12 mos x 30% @ $29,091	$ 8,727	$ 0	$ 8,727
M. Pearl/Docent Coord.;E. Horna/Naturalist	[2]	12 mos x 5% @ $21,818	$ 0	$ 2,182	$ 2,182
Ernest Lent/Naturalist	[1]	12 mos x 10% @ $37,936	$ 0	$ 3,794	$ 3,794
James Lee & Andres de la Silviera/Naturalists	[2]	12 mos. x 5% @ $26,704 average	$ 0	$ 2,670	$ 2,670
Yoelly Burgos/Education Coordinator	[1]	12 mos. x 30% @ $28,452	$ 0	$ 8,536	$ 8,536
Catherine Ferreira/Marketing Coordinator	[1]	12 mos. x 20% @ $56,635	$ 0	$ 11,327	$ 11,327
		SUBTOTAL	$ 8,727	$ 45,963	$ 54,690

2. Fringe Benefits

If more than one rate is used, list each rate and salary base.

Rate		Salary Base	(a)	(b)	(c)
51.5379	% of	$ 8,727	$ 4,498	$ 0	$ 4,498
56.8429	% of	$ 45,964	$ 0	$ 26,127	$ 26,127
	% of	$	$	$	$
		SUBTOTAL	$ 4,498	$ 26,127	$ 30,625

3. Consultant Fees

Include payments for professional and technical consultants and honoraria.

Name or type of consultant	No. of days on project	Daily rate of compensation	NEH Funds (a)	Cost Sharing (b)	Total (c)
Boardwalk: Architect, Consult., Const. Mgr.			$ 20,000	$ 0	$ 20,000
Dig Site: Design, Architect, Consult. Proj. Mgr.			$ 12,000	$ 0	$ 12,000
			$	$	$
			$	$	$
		SUBTOTAL	$ 32,000	$ 0	$ 32,000

4. Travel

For each trip, indicate the number of persons traveling, the total days they will be in travel status, and the total subsistence and transportation costs for that trip. When a project will involve the travel of a number of people to a conference, institute, etc., these costs may be summarized on one line by indicating the point of origin as "various." All foreign travel must be listed separately.

From/To	#	*	Subsistence Costs +	Transportation Costs =	(a)	(b)	(c)
	[ ]	[ ]	$	$	$	$	$
	[ ]	[ ]	$	$	$	$	$
	[ ]	[ ]	$	$	$	$	$
	[ ]	[ ]	$	$	$	$	$
	[ ]	[ ]	$	$	$	$	$
	[ ]	[ ]	$	$	$	$	$
				SUBTOTAL	$ 0	$ 0	$ 0

- Number of persons * - Total travel days

5. Supplies and Materials

Include consumable supplies, materials to be used in the project and items of expendable equipment (i.e., equipment items costing less than $5,000 and with an estimated useful life of less than a year).

Item	Basis/Method of Cost Computation	(a)	(b)	(c)
Living Classroom Materials	comparative market pricing analyses	$ 0	$ 2,500	$ 2,500
Archeological Tools/Equipment	comparative market pricing analyses	$ 0	$ 5,000	$ 5,000
Boardwalk: Reconstruction Materials	internal procurement cost estimate	$ 115,000	$ 0	$ 115,000
Mock Arch. Dig Site/Reconstruction Materials	quotation provided on attached proposal	$ 51,400	$ 0	$ 51,400
		$	$	$
		$	$	$
		$	$	$
	SUBTOTAL	$ 166,400	$ 7,500	$ 173,900

6. Services

Include the cost of duplication and printing, long distance telephone calls, equipment rental, postage, and other services related to project objectives that are not included under other budget categories or in the indirect cost pool. For subcontracts, provide an itemization of subcontract costs as an attachment.

Item	Basis/Method of Cost Computation	NEH Funds (a)	Cost Sharing (b)	Total (c)
Research/Media E-Learning	Proposal by Oxidev	$ 8,000	$ 0	$ 8,000
		$	$	$
		$	$	$
		$	$	$
		$	$	$
		$	$	$
		$	$	$
	SUBTOTAL	$ 8,000	$ 0	$ 8,000

7. Other Costs

Include participant stipends and room and board, equipment purchases, and other items not previously listed. Please note that "miscellaneous" and "contingency" are not acceptable budget categories. Refer to the budget instructions for the restriction on the purchase of permanent equipment.

Item	Basis/Method of Cost Computation	NEH Funds (a)	Cost Sharing (b)	Total (c)
Facilities Rental, Security, Maintenance	based square footage, market analysis, fixed costs	$ 0	$ 25,500	$ 25,500
Artifact Reproductions	comparative market pricing analyses	$ 0	$ 2,500	$ 2,500
Exhibit Panel Design and Construction	comparative market pricing analyses	$ 0	$ 1,000	$ 1,000
		$	$	$
		$	$	$
		$	$	$
		$	$	$
	SUBTOTAL	$ 0	$ 29,000	$ 29,000

8. Total Direct Costs (add subtotals of items 1 to 7) **$** 219,625 **$** 108,590 **$** 328,215

9. Indirect Costs

This budget item applies only to institutional applicants. If indirect costs are to be charged to this project, **CHECK THE APPROPRIATE BOX BELOW** and provide the information requested. Refer to the budget instructions for explanations of these options.

☐ Current indirect cost rate(s) has/have been negotiated with federal agency. (Complete items A and B.)

☐ Indirect cost proposal has been submitted to a federal agency, but not yet negotiated. (Indicate the name of the agency in Item A and show proposed rate(s) and base(s) and the amount(s) of indirect costs in item B.)

☐ Indirect cost proposal will be sent to NEH if application is funded. (Provide in Item B an estimate of the rate that will be used and indicate the base against which it will be charged and the amount of indirect costs.)

☐ Applicant chooses to use a rate not to exceed 10% of direct costs, less distorting items, up to a maximum charge of $5,000 per year. (Under Item B, enter the proposed rate, the base against which the rate will be charged, and the computation of indirect costs or $5,000 per year, whichever value is less.)

☐ For Public Program projects only: Applicant is a sponsorship (umbrella) organization and chooses to charge an administrative fee of 5% of total direct costs. (Complete Item B.)

Item A. Name of federal agency: _____

Date of agreement: _____

Item B.

Rate(s)	Base(s)	NEH Funds (a)	Cost Sharing (b)	Total (c)
_____% of	$ _____	$ _____	$ _____	$ _____
_____% of	$ _____	$ _____	$ _____	$ _____
_____% of	$ _____	$ _____	$ _____	$ _____
	TOTAL INDIRECT COSTS	$ 0	$ 0	$ 0

10. Total Project Costs

(Direct and Indirect) for budget period.

$ 219,625 $ 108,590 $ 328,215

NATIONAL ENDOWMENT FOR THE HUMANITIES

THREE-YEAR BUDGET FORM

Project Director: Jennifer Tisthammer

Applicant Organization: Miami-Dade County Park and Recreation Dept. - The Deering Estate at Cutler

Requested Grant Period From (mo/yr): 9/2009 Thru (mo/yr): 8/2011

If this is a revised budget, indicate the NEH application/grant number: _____

The three-column budget has been developed for the convenience of those applicants who wish to identify the project costs that will be charged to NEH funds and those that will be cost shared. **FOR NEH PURPOSES, THE ONLY COLUMN THAT NEEDS TO BE COMPLETED IS COLUMN C.** *The method of cost computation should clearly indicate how the total charge for each budget item was determined. If more space is needed for any budget category, please follow the budget format on a separate sheet of paper.*

SECTION A – Year #3 (if needed)

Budget detail for the period FROM (mo/yr): _____ THRU (mo/yr): _____

When the proposed grant period is eighteen months or longer, project expenses for each twelve-month period are to be listed separately and totaled in the last column of the summary budget. For projects that will run less than eighteen months, only the last column of the summary budget should be completed.

1. Salaries and Wages

Provide the names and titles of the principal project personnel. For support staff, include the title of each position and indicate in brackets the number of persons who will be employed in that capacity. For persons employed on an academic year basis, list separately any salary charge for work done outside the academic year.

Name/Title of Position	No.	Method of Cost Computation (see sample)	NEH Funds (a)	Cost Sharing (b)	Total (c)
_____	[ ]	_____	$ _____	$ _____	$ _____
_____	[ ]	_____	$ _____	$ _____	$ _____
_____	[ ]	_____	$ _____	$ _____	$ _____
_____	[ ]	_____	$ _____	$ _____	$ _____
_____	[ ]	_____	$ _____	$ _____	$ _____
_____	[ ]	_____	$ _____	$ _____	$ _____
_____	[ ]	_____	$ _____	$ _____	$ _____
		SUBTOTAL	$ 0	$ 0	$ 0

2. Fringe Benefits

If more than one rate is used, list each rate and salary base.

Rate	Salary Base	(a)	(b)	(c)
_____ % of	$ _____	$ _____	$ _____	$ _____
_____ % of	$ _____	$ _____	$ _____	$ _____
_____ % of	$ _____	$ _____	$ _____	$ _____
	SUBTOTAL	$ 0	$ 0	$ 0

3. Consultant Fees

Include payments for professional and technical consultants and honoraria.

Name or type of consultant	No. of days on project	Daily rate of compensation	NEH Funds (a)	Cost Sharing (b)	Total (c)
			$	$	$
			$	$	$
			$	$	$
			$	$	$
		SUBTOTAL	$ 0	$ 0	$ 0

4. Travel

For each trip, indicate the number of persons traveling, the total days they will be in travel status, and the total subsistence and transportation costs for that trip. When a project will involve the travel of a number of people to a conference, institute, etc., these costs may be summarized on one line by indicating the point of origin as "various." All foreign travel must be listed separately.

From/To	#	*	Subsistence Costs +	Transportation Costs =	(a)	(b)	(c)
	[ ]	[ ]	$	$	$	$	$
	[ ]	[ ]	$	$	$	$	$
	[ ]	[ ]	$	$	$	$	$
	[ ]	[ ]	$	$	$	$	$
	[ ]	[ ]	$	$	$	$	$
	[ ]	[ ]	$	$	$	$	$
				SUBTOTAL	$ 0	$ 0	$ 0

- Number of persons * - Total travel days

5. Supplies and Materials

Include consumable supplies, materials to be used in the project and items of expendable equipment (i.e., equipment items costing less than $5,000 and with an estimated useful life of less than a year).

Item	Basis/Method of Cost Computation	(a)	(b)	(c)
		$	$	$
		$	$	$
		$	$	$
		$	$	$
		$	$	$
		$	$	$
		$	$	$
	SUBTOTAL	$ 0	$ 0	$ 0

6. Services

Include the cost of duplication and printing, long distance telephone calls, equipment rental, postage, and other services related to project objectives that are not included under other budget categories or in the indirect cost pool. For subcontracts, provide an itemization of subcontract costs as an attachment.

Item	Basis/Method of Cost Computation	NEH Funds (a)	Cost Sharing (b)	Total (c)
		$	$	$
		$	$	$
		$	$	$
		$	$	$
		$	$	$
		$	$	$
		$	$	$
	SUBTOTAL	$ 0	$ 0	$ 0

7. Other Costs

Include participant stipends and room and board, equipment purchases, and other items not previously listed. Please note that "miscellaneous" and "contingency" are not acceptable budget categories. Refer to the budget instructions for the restriction on the purchase of permanent equipment.

Item	Basis/Method of Cost Computation	NEH Funds (a)	Cost Sharing (b)	Total (c)
		$	$	$
		$	$	$
		$	$	$
		$	$	$
		$	$	$
		$	$	$
		$	$	$
	SUBTOTAL	$ 0	$ 0	$ 0

8. Total Direct Costs (add subtotals of items 1 to 7) **$** 0 **$** 0 **$** 0

9. Indirect Costs

This budget item applies only to institutional applicants. If indirect costs are to be charged to this project, **CHECK THE APPROPRIATE BOX BELOW** and provide the information requested. Refer to the budget instructions for explanations of these options.

☐ Current indirect cost rate(s) has/have been negotiated with federal agency. (Complete items A and B.)

☐ Indirect cost proposal has been submitted to a federal agency, but not yet negotiated. (Indicate the name of the agency in Item A and show proposed rate(s) and base(s) and the amount(s) of indirect costs in item B.)

☐ Indirect cost proposal will be sent to NEH if application is funded. (Provide in Item B an estimate of the rate that will be used and indicate the base against which it will be charged and the amount of indirect costs.)

☐ Applicant chooses to use a rate not to exceed 10% of direct costs, less distorting items, up to a maximum charge of $5,000 per year. (Under Item B, enter the proposed rate, the base against which the rate will be charged, and the computation of indirect costs or $5,000 per year, whichever value is less.)

☐ For Public Program projects only: Applicant is a sponsorship (umbrella) organization and chooses to charge an administrative fee of 5% of total direct costs. (Complete Item B.)

Item A. Name of federal agency: _____

Date of agreement: _____

Item B.

Rate(s)	Base(s)	NEH Funds (a)	Cost Sharing (b)	Total (c)
_____% of	$ _____	$ _____	$ _____	$ _____
_____% of	$ _____	$ _____	$ _____	$ _____
_____% of	$ _____	$ _____	$ _____	$ _____
	TOTAL INDIRECT COSTS	$ 0	$ 0	$ 0

10. Total Project Costs

(Direct and Indirect) for budget period. $ 0 $ 0 $ 0

SECTION B

SUMMARY BUDGET

Transfer from Section A the total costs (column C) for each category of project expense. When the proposed grant period is eighteen months or longer, project expenses for each twelve-month period are to be listed separately and totaled in the last column of the summary budget. For projects that will run less than eighteen months, only the last column of the summary budget should be completed.

Budget categories	First year from: 9/2009 thru: 9/2010	Second year from: 9/2010 thru: 8/2011	Third year from: thru:		TOTAL COSTS FOR ENTIRE GRANT PERIOD
1. Salaries and wages	$ 40,151	$ 54,690	$ 0	=	$ 94,841
2. Fringe benefits	$ 25,638	$ 30,625	$ 0	=	$ 56,263
3. Consultant fees	$ 53,000	$ 32,000	$ 0	=	$ 85,000
4. Travel	$ 0	$ 0	$ 0	=	$ 0
5. Supplies and materials	$ 13,000	$ 173,900	$ 0	=	$ 186,900
6. Services	$ 4,000	$ 8,000	$ 0	=	$ 12,000
7. Other costs	$ 38,500	$ 29,000	$ 0	=	$ 67,500
8 Total direct costs (Items 1-7)	$ 174,289	$ 328,215	$ 0	=	$ 502,504
9. Indirect costs	$ 0	$ 0	$ 0	=	$ 0
10. Total project costs (direct and indirect)	$ 174,289	$ 328,215	$ 0	=	$ 502,504

PROJECT FUNDING FOR ENTIRE GRANT PERIOD

1. Indicate the amount of outright and/or federal matching funds that is requested from NEH.

2. Indicate the amount of cash contributions that will be made by the applicant and cash and in-kind contributions made by third parties to support project expenses that appear in the budget. Cash gifts that will be raised to release federal matching funds should be included under "Third-party contributions." (Consult the program guidelines for information on cost sharing requirements.) When a project will generate income that will be used during the grant period to support expenses listed in the budget, indicate the amount of income that will be expended on budgeted project activities. Indicate funding received from other federal agencies.

3. Total Project Funding should equal Total Project Costs.

1. REQUESTED FROM NEH		**2. COST SHARING**	
Outright	$ 75,244	Applicant's contributions	$ 213,630
Federal Matching	$ 213,630	Third-party contributions	$ 0
		Project income	$ 0
		Other federal agencies	$ 0
TOTAL NEH FUNDING	$ 288,874	TOTAL COST SHARING	$ 213,630

3. TOTAL PROJECT FUNDING (Total NEH Funding + Total Cost Sharing) : **$ 502,504**

Submission of a Revised Budget

When submitting a revised budget, the Institutional Grant Administrator or Individual Applicant should provide the information requested below. The signature of this person indicates approval of the budget submission and the agreement of the organization/individual to cost share project expenses at the level under "Project Funding."

Name and Title: _____

Telephone: _____ E-mail: _____

Signature: _____ Date: _____

NARRATIVE

Nature of Request

The Tequesta[1] were one of the first American Indian groups encountered by Ponce de Leon in the early sixteenth century. In a 2004 study conducted by the Florida Division of Historical Resources, "Southern Florida Sites associated with the Tequesta and their Ancestors," sixty-three significant sites were initially evaluated as areas inhabited by the Tequesta and their ancestors. Three of those sites are located within the present day boundaries of the Deering Estate at Cutler and are protected from commercial development through a natural area management plan and listing on the National Register of Historic Places. A Tequesta black dirt midden and a Tequesta chieftain burial mound, both discovered in the 1940s but to date only superficially analyzed, evidence the existence of this culturally important Native American community on the Estate grounds. In 1979, the Cutler Fossil site was recorded by the Miami-Dade County Preservation Division and at that time, no systematic archaeological survey had been conducted on any part of the Deering Estate at Cutler. The Cutler Fossil site, located on the Estate, contained the fossilized remains from now extinct animals including peccaries, mammoths, sloths, dire wolves, and saber tooth tigers dating back 100,000 years. This site also contained fossilized remains of early inhabitants who occupied the lands of the Deering Estate. Most of these sensitive artifacts were carefully excavated in 1986 and are part of archive collections at the Historical Museum of Southern Florida and the Florida Museum of Natural History in Gainesville. The last known archeological habitation of these sites date back approximately 10,000 years. Prior to the discovery of the Cutler Fossil Site, most scientists thought human habitation in Florida dated back only 4,000 years, making the Cutler Fossil Site one of the most archaeologically significant sites in the Eastern United States.

A review of records maintained by the Florida Master Site File indicate that few sites in southeastern Florida have been nominated to the National Register of Historic Places (NRHP) or are designated National Historic Landmarks (NHL). The Deering Estate Fossil Record presents an important interpretive opportunity... *Stepping Through Time: Tracing the Archeological Footsteps of the Tequesta* provides the public with an opportunity to visit a Tequesta habitation site and burial mound, walk an ancient Tequesta trail and hold Tequesta artifacts in the hopes of inspiring an interest and a respect for a Native American people and a way of life that lived here long ago. The purpose of the proposed project is to deepen the public's understanding of Florida's and our nation's archaeological and historical past. Proposed grant funds in the amount of $288,874 will be used to introduce findings from previous on-site archeological excavations and analysis (the Cutler Fossil Site, a Black Dirt Midden, and the Cutler Burial Mound) as well as incorporate new Ground Penetrating Radar analysis into two mock Tequesta archeological dig sites, on-site exhibits and classroom space, interpretive educational programs, as well as online through an interactive learning module. Available exhibit space is estimated at approximately 5,615 square feet indoors. The clearing, where our outdoor classroom is, is approximately one and half acres. The present dig sites and classroom occupy approximately 2,000 square feet (222 square yards). The square footage of the proposed Cutler Burial Mound walkway is 1,215 square feet.

[1] The origin of the Tequesta people is as mysterious as almost everything else about them. They appear in the archaeological landscape about two thousand years ago but where they were before then is unknown. There are often great movements of people triggered by famine, warfare, natural disasters or population pressures, and something like this may have occasioned the arrival of the Tequesta in South Florida from more northerly areas. An early theory that they were of Arawak origin, arriving in Florida from Caribbean islands, has been largely dismissed. It is also quite possible that they were direct descendents of Paleo-Indians who lived in South Florida 10,000 years ago.

Project Introduction

The Deering Estate at Cutler (Estate) is an environmental, archeological, and historical preserve once inhabited by the Tequesta Indians and then subsequently early American settlers. Its proximity to ocean waters and location on the Atlantic Coastal Ridge dates its pre-history to more than 100,000 years ago. Indeed, the Estate's rich *"Living Classroom"* provides a unique backdrop for hands-on, interdisciplinary education, and interpretive programming for community youth, teachers, and general visitors in the field of ecology, geology, marine biology, anthropology, eco-art, and history, while emphasizing environmental stewardship, sustainability, and resource management. Requested funds will help the Estate facilitate substantial enhancements to its existing Archeological resources, interpretive programs, and curriculum, as follows:

- Two (2) new ADA accessible outdoor, Mock Archeological Dig Sites will be built under the guidance and supervision of renowned local Archeologist Robert Carr.
- A boardwalk leading to and circumnavigating the Cutler Burial Mound – an archeologically and environmentally sensitive site - will be widened to allow ADA accessibility as well as enhanced public access.
- Upgrades to our on-site computer lab and science software will be facilitated with an emphasis on Archeology.
- Artifact samples, equipment, and tools will be purchased to supplement learning activities.
- Previous archeological dig findings will be introduced into onsite exhibits, classroom space, interpretive educational programs, and our online interactive learning module.
- To properly manage these activities, funds will partially support a Project Coordinator position.

The Estate has a long history of award winning educational programming in Miami-Dade County. In 1999, soon after the Estate reopened to the public from Hurricane Andrew renovations, the staff embarked on a unique curriculum development program in partnership with the Elizabeth Ordway Dunn Foundation. As a result of this partnership, the Estate implemented a five-module, science and social studies themed curriculum. A NACo Achievement Award recognized this innovative curriculum as a County Model Program. Since then, the Estate's educational program has undergone substantial progress. All lesson plans are linked to Sunshine State/FCAT standards. A 30-week, six-module science, eco-art, and history curriculum was developed and implemented for homeschool youth and parent educators. The same curriculum is offered as an outreach program to public and private schools. Five Boy Scout Badge (Archaeology, Nature, Bird Study, Reptile and Amphibian Study and Canoeing Merit Badge) and Six Girl Scout Merit Badge Programs (Eco-Explorer, Ecology, Earth Connections, Geology, Outdoor Adventurer and Wildlife) are offered on site. Controlled public access is offered to environmentally and archeologically sensitive areas, i.e. daily tour to Cutler Burial Mound containing fossilized human remains from 1000-1500 AD.

The *"Living Classroom"* at the Estate serves as an environmental education center for all of Miami-Dade County's estimated 2.4 million residents and 350,000 school-age youths. The 444-acre Estate encompasses globally endangered pine rockland habitat (among the largest blocks of this ecosystem remaining in the United States) as well as coastal tropical hardwood rockland hammocks, mangrove forests, salt marshes, a coastal dune island, and the submerged resources of Biscayne Bay. It is one of the few remaining Environmentally Endangered Lands (EEL) in Miami-Dade County. The Estate is home to three archeologically significant sites protected from commercial development through a natural area management plan and listing on the National Register of Historic Places:

1) **Cutler Burial Mound**: a small conical mound made of yellow quartz sand, 75 feet in diameter and 6.5 feet high –recorded in the late 40s and early 50s by John Goggin but has never been fully investigated

2) **Cutler Fossil Site**: a cave-like solution hole that contained over 300,000 fossil bones and artifacts - recorded in 1979 by the Miami-Dade County Preservation Division; contained a first discovery of human bones in association with extinct animal bones and represented a removal and recording of a 100,000 year cultural horizon from within a solution hole
3) **A black dirt midden**: a horizontally and vertically extensive midden deposit, as suggested by Archeologist Richard Haiduven's initial work – recorded in 2001 by Haiduven; may be particularly important in understanding the Tequesta people during the period of European oocupation.

Requested NEH funds for exhibits and outdoor, mock Tequesta archeological site enhancements will improve participant learning, particularly in the areas of archeology, geology, and anthropology. Proposed boardwalk enhancements will allow for greater public access and ADA accessibility to the archeological sites. Specific goals and objectives of the exhibit, interpretive programs and educational outreach are as follows:

1) To seek, through exhibits, to expand the current access to archeologically significant sites, analyses, artifacts, and other archival materials held on the Estate, or held as part of the archival collections with other interpretive program partners including Historical Museum of Southern Florida and the University of Gainesville. Their existence and content are known in relatively small scholarly circles. By reproducing elements of historic documents via catalog and web, the project team will strive to increase the availability and awareness of many of these documents located in archive or special collections, historically only accessed by a few upon request.
2) To provide opportunities for Americans to engage in lifelong learning in the humanities by expanding interactive, interpretive exhibitions, and educational materials available to the public at the Estate that explore significant events and ideas in the nation's historical and cultural beginnings.
3) To strengthen teaching, study, and learning opportunities for elementary and secondary schools by providing enhanced programming and expanded resources (particularly in virtual form) for teachers to augment their knowledge and understanding of the Estate's history and culture, and its relation to national history and culture. Fulfillment of this objective complements our existing virtual formats for information, classroom projects and study guides available for teachers and students.

Description

The wealth of ecological, archaeological, and historic resources preserved at the Deering Estate at Cutler (Estate) presents a wonderful opportunity to communicate the human story of men and women in our great nation within the context of modern day concerns and needs. With the development of an interactive exhibit, chronicling important historical settlement eras and providing portraits of people as they lived on the land we now call the Deering Estate at Cutler, the Estate can contribute far more to the understanding of our past than mere textbook study. To walk through the gates of the Deering Estate truly presents the opportunity for a visitor to be transported back in time, communicating our past to a present day audience.

The proposed interpretive project will utilize portions of the Estate's protected natural areas. Other exhibits and classroom activities will take place in the historic houses located on the Estate including the Deering Library, the Second Floor of the historic Stone House, the Second Floor of the Richmond Cottage, one of three historic outbuildings (the Pump House which serves as our modern day classroom), and the Visitor Center. While a portion of the project team's roles and responsibilities will be to evaluate which of the interior and exterior spaces will be most suitable for the specific exhibition, there is approximately 2,507 square feet of exhibit space in the Stone House, 1,066 square feet in the Richmond Cottage, 1,001 available exhibit space in the Pump House/Classroom, and an additional 1,041 square feet of exhibit space available in the Visitor Center. The two mock archeological dig sites and outdoor work

area will cover 2,000 square feet of natural area in an existing "Outdoor Classroom" space. The footprint of the boardwalk over the Cutler Burial Mound Site will use existing cantilevered posts and increase the 165 linear foot long walkway to a width of 6 feet and open up to a 15' x 15' observation platform. It is anticipated that the project team, in their planning role, will finalize the exhibit concept including utilizing optimal exhibit space, producing specifications for exhibit design for desired multi-media components, and exhibit signage.

The objects, images, and documents presently held on site that will be included in the exhibit and education/programs include:

- *Pleuroploca gigantea* -- Horse Conch – Hammer
- *Pleuroploca gigantea* – Horse Conch – Columella Hammer
- *Pleuroploca gigantea* – Horse Conch – Columella Cutting Tool
- *Pleuroploca gigantea* – Horse Conch – Columella Cutting Edge Tool/Gauge
- *Pleuroploca gigantea* – Horse Conch – Chisel
- *Busycon sinistrum* - Lightening whelk - Blank
- *Busycon sinistrum* - Lightening whelk - Dipper
- *Strombus gigas* – Queen Conch - Blank
- *Strombas gigas* - Queen Conch - Celts
- *Strombas gigas* - Queen Conch - Hand Tools
- *Busycon sinistrum* - Pear Welk - Columellae Drills - Leather Working Tools
- *Odocoileus virginianus* - Metapodial (toe) Bone Points – Leather Working Tools
- *Faunal Bone* - Assorted
- Pottery pieces belonging to different horizons

Reproductions of artifacts originally held on the Estate but subsequently de-accessioned on March 24, 2004 to the Historical Museum of South Florida.

- Request Photo Image of Human Skull Fragment / Paleo-Indian / From the Cutler Fossil Site (Oldest Known Human Remains in South Florida)
- Request Photo Image of Human Skull Fragment / Paleo-Indian / From the Cutler Fossil Site
- (Oldest Known Human Remains in South Florida)
- Request Photo Image of Human Skull Fragment / Paleo-Indian / From the Cutler Fossil Site
- (Oldest Known Human Remains in South Florida)
- Request Photo Image of Human Skull Fragment / Paleo-Indian / From the Cutler Fossil Site
- (Oldest Known Human Remains in South Florida)
- Request Photo Image of Human Skull Fragment / Paleo-Indian / From the Cutler Fossil Site
- (Oldest Known Human Remains in South Florida)
- Request Artifact Reproduction of Dire Wolf Tooth / Cutler Fossil Site
- Request Artifact Reproduction of Boar Tooth / Cutler Fossil Site
- Request Artifact Reproduction of Plesistocene Horse Bone from The Cutler Fossil Site
  Request Artifact Reproduction of Tequesta Indian Shell Celt
- Request Artifact Reproduction of Tequesta Indian Shell Celt Used For Making Wooden Canoes
  Request Artifact Reproduction of Tequesta Busycon Adze

Multimedia materials and information will generally include:

- Curriculum, historic documentation, and photos and research placed on our website at www.deeringestate.org
- Multi-media interpretive exhibit
- Mock Archeological Dig Site
- Interpretive boardwalk circumnavigating the Cutler Burial Mound.

Collaboration is extremely important to the growth and success of our education and interpretive programs. We collaborate with our private partners, local educators and administrators, afterschool providers, community groups, local/visiting Scout troops, students and parents, and local colleges when developing and delivering our hands-on curriculum for youth and the general public. Such Partnerships are vital to program's success. The synergy that results from joining organizational efforts is amazing and offers all involved a way to reach out to new audiences, bring awareness of our rich resources and engage them in inventive, exciting, and collaborative ways.

Robert Carr, co-founder and former Dir. of the Archaeological and Historical Conservancy, will provide lead consultation in all archeological aspects of the proposed project, including the design of the outdoor, mock archeological site for which estimates and a conceptual design proposal are provided in Appendix F. He is Miami-Dade County's former Historic Preservation Director and a former recipient of both the Bullen Award and the Florida Historic Preservation Award. In addition to cited work in the June 1992 An Archaeological Survey and Assessment (Phase I and II) of the Charles Deering Estate Park, Robert S. Carr, also worked on the 1978, "The Archeological Survey of the Big Cypress National Preserve, Phase 1" for the National Park Service, Southeast Archeological Center, Tallahassee.

Florida Public Archeology Network has offered the use of a Ground Penetrating Radar unit to conduct onsite projects on geophysical techniques and a GPR assessment of the Cutler Burial Mound. Results will be incorporated into our interpretive program. The Florida Legislature established FPAN to be administered through host institutions, such as FAU, with the goal "to help stem the rapid deterioration of this state's buried past and to expand public interest in archaeology." The Southeast Regional office of FPAN works with Historical Societies, Historic Preservation Offices, and Archaeological & Anthropological Societies in Broward County, Miami-Dade County, Monroe County and Palm Beach County. Their charge is to increase public awareness and outreach in archaeology in this area, which are home to more than 5.5 million residents. FPAN partners with the Deering Estate at Cutler annually for its Archeology Day – held the fourth Saturday in March – as well as for on-site staff training and general expertise and support for all matters related to our archeological, educational and interpretive programs.

Exhibit relationships with Historical Museum of Southern Florida and the Florida Museum of Natural History at the University of Florida in Gainesville, will assist in the planning of onsite exhibits, as research consultants and with the reproductions of sensitive artifacts. In 2004, the Deering Estate at Cutler de-accessioned the remaining artifacts that were excavated from the Cutler Fossil Site to the Historical Museum of Southern Florida. We collaborate annually on interpretive programs and exhibits.

Our strong relationship with the School Board of Miami-Dade County facilitates enrollment and master plan point attainment for educators. As well, we host on-site field study programs for both adult and youth alike. In Fall 2009, the Estate will begin a unique partnership with Miami Dade County Public Schools' Office of Community Education to offer afterschool "reverse tours" at select Miami-Dade County Public Schools.

Onsite education staff, also known as the Estate's Eco-Brigade, consists of a biologist, natural areas manager, exhibits/collections coordinator, and a handful of part-time and full-time naturalists. In developing the final archeological exhibits much of the project team's interpretive approach will be guided by the Deering Estate at Cutler Management Plan, Natural Areas Protection Plan, An Archaeological Survey and Assessment (Phase I and II) of the Charles Deering Estate Park, and our current Exhibit and Collection Management Policies and Procedures.

Audience

The Deering Estate at Cutler (Estate) provides informal science programs to audiences of all ages - residents and tourists from the entire geographic area of Miami-Dade and neighboring counties. Miami-Dade County is comprised of 57% Hispanics, 19.3% Black/Non Hispanics, 20.7% White/Non Hispanics and 3% Other/Non Hispanics (according to 2002 statistics from the Miami-Dade County Department of Planning and Zoning). Presently, approximately 25% of the Estate's annual visitors come from outside the county and as much as 10% of total visitors to the Estate are out-of-state residents. The proposed virtual component of the exhibit is expected to broaden the reach of the interpretive program. At present, the Estate receives approximately 50,000 visitors to its website monthly. ADA compliance allows for quality experiences for persons with disabilities. Our educational programs serve the economically disadvantaged - 20% of student participants are from Title 1 schools which are comprised of students with the highest concentrations of poverty. At least 40% of enrolled students at Title 1 schools are eligible to receive free or reduced price lunch on the 100th day of school.

Visitors to the Estate generally include local residents, organized school groups, and out-of-county/out-of-state/out-of-country visitors seeking to learn more about the archaeological, natural area, cultural, and historic resources of South Florida. The Estate was visited by 42,968 people during Fiscal Year 07-08. This represents a 57% increase in overall attendance over previous years largely attributed to investments in interpretive programs as well as increased marketing efforts both in print and through a newly upgraded website. The Estate offers daily tours of protected natural areas and of the historic buildings throughout the year. Approximately 14,700 visitors have attended these tours during FY 07-08. The Estate hosts community-wide events of all sizes, including lectures, art exhibitions, theatrical performances, festivals, and musical concerts. These events drew 16,900 visitors during FY 07-08. The Estate's Educational Programs reach over 290 different tour groups and more than 4,500 students, teachers, researchers, and participants annually. The core of the Estate's quality programs revolve around its multidisciplinary Elementary and Middle School Curriculum designed for grades 3 through 8.

Organizational Profile

The Deering Estate at Cutler (Estate) was acquired jointly by the State of Florida and Miami-Dade County in 1986 through the State's Conservation and Recreation Lands Acquisition Program. It is a 444 acre public park owned by the State of Florida and managed by Miami Dade County's Park and Recreation Department under a management agreement. The Estate's mission is to *preserve and protect the natural, archaeological, architectural, and historic legacy of the Estate by using wise stewardship in the management and utilization of its sensitive resources, while educating and enhancing the public appreciation of the unique characteristics of the site through compatible uses.* Its FY '08 operating budget is $2,599,200; with revenues totaling $693,300, and $1,784,000 in County general fund support (a $312,000 reduction since FY 06-07 as a result of Countywide budget reductions in excess of $600 million).

Hurricane Andrew: The Northern eye wall of Hurricane Andrew (a Category 5 hurricane deemed one of the most destructive hurricanes of record in the United States) struck the Estate on August 24, 1992 exposing it to the strongest weather the storm packed. Damage to the Estate was estimated at more than $7 million and as a result, the Estate remained closed for more than 8 years while hurricane damage renovations ensued. The Estate officially reopened to the public in 2000. These renovations reintroduced the Estate to the public in a new light, as a functioning interpretive facility. It is important to note this particular renovation gap in our history as it catalyzed our implementation of multidisciplinary, interpretive programming.

Recreational and Interpretive Programs: The 444 acre Deering Estate at Cutler, listed on the National Register of Historic Places, is a uniquely important cultural, educational, and recreational center for all to enjoy. The Deering Estate at Cutler offers programs for children and adults alike. Experienced Naturalist Guides and Educational and Interpretive Staff tailor historic and natural area tours and programs for any grade level or any cultural or recreational interest. School groups experience the Deering Estate through field trips and an award winning Middle School Curriculum. The Estate offers specialized teacher training programs and diverse opportunities for research. Limited areas of the Estate are available for social and business function rental, and the Estate also serves as a small conference center for individuals and organizations with an affinity to the late Charles Deering's interests in the environment, botany, history, architecture, the fine arts, antiques, rare books and wine. Public events are held on the beautiful tree-lined grounds of the Estate annually such as the SoBay Festival of the Arts, Living Artist Concert Series events, Valentine's Day Concert, Deering Seafood Festival, Summer Cabaret Series, etc.

Since the Estate's reopening in 2000, Charles Deering's descendents have contributed artwork and antiques (some appraised by Christie's of New York) to the Estate. Beverly Bledsoe Danielson (wife of Deering's grandson, James Deering Danielson) and Jocelyn Tennille (Deering's great-granddaughter) donated important items that were original to the house or part of The Charles Deering Collection. These represent only a modest collection of Mr. Deering's original furnishings and fine art. The majority of his extensive book collection, personal documents, fine tapestries, furnishings and fine art reside with descendents of Mr. Deering, and at the Chicago Institute of Art and Northwestern University. A more complete description of our collection is included in a latter part of this proposal.

Archaeological and Historical Conservancy, Inc.: The Archaeological and Historical Conservancy, Inc. (AHC) is a Florida not-for-profit organization located in Davie, FL dedicated to the investigation and preservation of archaeological and historical sites across Florida and the Bahamas. AHC conducts archaeological and historical assessments, surveys, investigations, excavations, and monitoring. Services are provided for public agencies, developers, businesses, and museums. AHC also provides site management plans, tours of sites, and exhibit design and development.

Beginning in 1985, AHC began excavations at the Cutler Fossil site in Miami-Dade County, and subsequently has documented over 1000 sites throughout Florida. Projects have included investigations at the Miami Circle, Ten Thousand Islands, the Ortona Canals, Fort Pierce, Okeechobee Battlefield, and Fort Van Swearingen. Their current projects include archeological excavations at the following locations: One Miami, Royal Palm Hotel, Okeechobee Battlefield, Ortona Canal, Miami Circle, and Long Key Exhibits.

Attributed to their expertise on prehistoric Florida and Seminole War sites, additional investigations in the Bahamas has been undertaken as a key element in their research program. Their team of five experts has over 30 years of experience and possesses thorough familiarity with the lay of the land in Florida and the islands of the Bahamas. They are experts on cultural resource preservation compliance with reviewing agencies. Their professional associations include experts in state-of-the-art technologies supporting geoarchaeology. In Florida, they team with Mnemotrix Systems, Inc. for GPR Survey technology and 3D visualizations of field studies.

Florida Public Archeology Network: The Florida Public Archeology Network (FPAN) promotes and facilitates the conservation, study, and public understanding of Florida's archaeological heritage through regional centers. The Southeast Regional Center is hosted by Florida Atlantic University's Department of Anthropology and lead by Center Director and Terrestrial Archeologist Dr. Michele Williams, RPA. The Southeast Regional Center is responsible for public outreach in archaeology for Broward, Miami-Dade, Monroe, and Palm Beach Counties, which are home to more than 5.5 million residents. In the past year they have introduced over 17,000 people to the Florida Public Archaeology Network and have provided

over 50 lectures and presentations, held 110 meetings with local government representatives, participated in over 40 events, and conducted 2 heritage dives. The Florida Legislature established FPAN to be administered through host institutions, such as FAU, with the goal "to help stem the rapid deterioration of this state's buried past and to expand public interest in archaeology."
Their mission is:

- To Expand Public Outreach and Education by: Creating visible public outreach programs, Providing information on archaeological sites, Promoting regional heritage events and programs, Encouraging archaeological volunteer opportunities; and Forming partnerships with other heritage organizations
- To Assist Local Governments By: Preserving archaeological resources; Providing professional archaeological assistance; and Advising local governments on the management of sites
- To Assist the Division of Historical Resources By: Distributing literature; Promoting Division Programs (including grants); Providing venues for regional training opportunities; Referring local inquiries to the appropriate staff member; and Identifying local archaeological sites for the National Register

Historical Museum of Southern Florida: The Historical Museum of Southern Florida tells the stories of South Florida and the Caribbean. The museum promotes understanding of the past in order to inform the present and create a better quality of life. The Historical Museum is one of the largest private, regional history museums in the country, recognized for excellence in programming and management by the Florida Department of State and national museum services organizations. The Historical Museum has been accredited by the American Association of Museums since 1979.

Number of objects in the museum's collection: 13,783 + 540 cubic feet
Number of archaeological reference artifacts in the museum's collection: more than 6,850
Number of prints and photographs in museum's Research Center: 1.1 million

The Historical Museum's collections relate to the history, cultures, folklife, and archaeology of South Florida and the Caribbean area, including: Southeast Florida (Greater Miami, the Everglades and the Florida Keys); Caribbean areas that have influenced Florida history (Bahamas, Cuba, etc.); Caribbean peoples living in Florida (Cubans, Haitians, Bahamians, etc.); Native Americans (prehistoric, Seminoles, Miccosukees); and Aviation, maritime history, tourism and other trends that have shaped South Florida. The object collections include Seminole and Miccosukee Indian objects; Pan American Airways artifacts; musical instruments and religious items from local communities; outboard motors and outboard boats; and archaeological materials from 10,000 years ago to the early 20th century. As an ongoing education and interpretive partner, we collaborate frequently on exhibits and joint programming in our community.

Florida Museum of Natural History: Chartered by the Florida Legislature in 1917 as the state's official natural history museum, the Florida Museum of Natural History is dedicated to understanding, preserving and interpreting biological diversity and cultural heritage. It is the largest natural history museum in the Southeast holding more than 20 million specimens of amphibians, birds, butterflies, fish, mammals, mollusks, reptiles, vertebrate and invertebrate fossils, recent and fossil plants, and associated databases and libraries.

Its role, as defined by Florida Statute §1004.56 is "to make scientific investigations toward the sustained development of natural resources and a greater appreciation of human cultural heritage, including, but not limited to, biological surveys, ecological studies, environmental impact assessments, in-depth archaeological research, and ethnological analyses, and to collect and maintain a depository of biological, archaeological, and ethnographic specimens and materials in sufficient numbers and quantities to provide within the state and region a base for research on the variety, evolution, and conservation of wild species;

the composition, distribution, importance, and functioning of natural ecosystems; and the distribution of prehistoric and historic archaeological sites and an understanding of the aboriginal and early European cultures that occupied them."

The museum occupies three principal facilities on the University of Florida campus in Gainesville, Florida and manages the 56-acre Randell Research Center, an internationally significant archaeological site on Pine Island near Ft. Myers. Their staff includes about 100 full-time and 120 part-time staff members and about 150 volunteers. Their annual operating budget of $18 million includes state and federal funding and gifts of private support. The museum is accredited by the American Association of Museums and is an institutional member of the Association of Science-Technology Centers, the Natural Science Collections Alliance, the Florida Association of Museums, and the Southeastern Museums Conference.

Project Team

Leadership Team
The Leadership Team will be comprised of the following individuals:

- Project Director: Jennifer Tisthammer, Exhibits and Collections Coordinator, Deering Estate at Cutler
- Lead Consultant: Robert Carr, Archeologist, Archaeological and Historical Conservancy, Inc.
- Interpretive Program Partner: Dr. Michelle Williams, Florida Public Archeology Network
- Members from the Cutler Management Team

The Deering Estate at Cutler Management Team
Members of the Deering Estate at Cutler Management Team will serve as business managers and consultants to the project team for various functional areas of the project planning. As per NEH Implementation Grant directions regarding Appendices, resumes have been provided for key project staff and consultants. Additional resumes can be provided for all project staff upon request. They will work with staff and other resources from the Miami-Dade County Office of Historic Preservation and their County Archeologist as needed.

Bill Irvine, Director, The Deering Estate at Cutler Estate
Bill Irvine, Director of the Estate, brings 30 years of operational experience to the team and will serve as grant administrator and business manager in determining budget, resources, vendors, etc. for the exhibit. Ernie Lent, Jessica Cabral and Yoelly Burgos bring 15 years of collective experience in leading tours, developing exhibit content, and implementing educational programming on the Estate. They have a vast knowledge of the Estate's history and serve as three of the seven lead interpretive and educational staff for the Estate in general. Cathy Ferreira, Marketing Coordinator, will assist with the development of the marketing plan for this project and its implementation.

Jennifer Tisthammer (Project Director), Exhibits and Collections Coordinator, The Deering Estate at Cutler
Jennifer has overseen the Exhibits and Collections Department as well as the Educational and Interpretive Staff at the Deering Estate at Cutler since early 2007. During her tenure, she has been instrumental in developing and leading implementation efforts of programs such as the Artist Village, Art on Loan Program, Living Classroom, and Eco-Brigade outreach programs. Jennifer has a long history of project management, program development, non-profit governance, financial services and marketing experience. On an international level, Jennifer designed the protocol and practices for United Way International's International Donor Advised Fund Program – one of only a handful of international donor advised funds worldwide. On a national level, Jennifer served as United Way of America's consultant for their

Tocqueville Legacy Initiative. This was a national professional development, marketing, and fundraising program designed to foster planned gifts through 1,500 affiliate United Way organizations. Jennifer researched and authored United Way of America's Guidebook on Women's Giving for three separate editions. This publication was distributed to 30,000 individuals and organizations. She also served on UWA's Executive Committee to grow United Way of America's National Women's Initiative in Leadership and Tocqueville Giving to $1 billion given annually and individually by women. Jennifer holds a Bachelor of Science Degree in Finance and Marketing from Florida International University.

As Project Manager, Jennifer Tisthammer, will recruit a broad-based representation of community partners, coordinate the functions of the project planning team, as well as utilize the functional expertise of the Deering Estate at Cutler staff to plan, execute, promote, and educate the public on, "Ancestral Portraits of the Deering Estate at Cutler." Ms. Tisthammer has over 20 years of project management experience, and has researched and written texts for national organizations (sample included as Attachment H).

Catherine Ferreira, Marketing Coordinator, The Deering Estate at Cutler
Cathy began her employment with Miami-Dade County in 2003 at the Department of Cultural Affairs. Cathy served as the officer for the Community Grants Program and the Tourist Development Council Program. In early 2006, Cathy moved to the Department of Environmental Resources Management (DERM) and served as the Department's Public Information Officer. In late 2006, Cathy became the Marketing Coordinator for the Deering Estate at Cutler. Prior to her employment with Miami-Dade County, she was employed at WSVN Channel 7 as a Cyber-Journalist. Cathy graduated from Florida International University where she earned a Masters Degree in Public Administration and a Bachelor of Arts Degree in English Literature. During her undergraduate studies, she also completed the Film Studies Certificate Program. Cathy spent a summer studying abroad in Prague, Czech Republic. Catherine will serve as our on-site web manager, design and branding manager for self-guided brochures and will serve as the media liaison to develop materials for greater dissemination.

Consultants

Robert Carr, Archeologist and Executive Director, Archaeological and Historical Conservancy
Robert Carr co-founded the Archaeological and Historical Conservancy in 1985. He has served as its full time Executive Director since 1999. He has worked as an archaeologist with the State of Florida's Division of Historic Resources and with the National Park Service. He was Miami-Dade County's first archaeologist and became the County's Historic Preservation Director in 1999. Robert has a Master's Degree in Anthropology from Florida State University. He is a former editor of the Florida Anthropologist and former president of the Florida Archaeological Council. He is a recipient of the Bullen Award, and received Florida's Historic Preservation Award in 2003. Current Projects that Mr. Carr has consulted or acted as project manager on include: One Miami, Royal Palm Hotel, Okeechobee Battlefield, Ortona Canal, Miami Circle and Long Key Exhibits. Mr. Carr will serve as the archeological consultant. His nonprofit organization will serve as designer of the Mock Archeological Dig Site, as well with his vast experience with Tequesta sites in South Florida, Mr. Carr will provide connections to and recommendations on exhibit content, format and best visitor form.

Dr. Michelle Williams, Terrestrial Archeologist and Director, Florida Public Archeology Network
Michele Williams, Ph.D., RPA is the Director and Terrestrial Archaeologist for the Southeastern Region of the Florida Public Archaeology Network. Dr. Williams has participated in digs throughout the southeastern United States for the past 20 years. Her specialty within archeology is the use of plants by prehistoric Native Americans. Dr. Williams will help facilitate project efforts related to the development and conduct of surveys of visitors from collaborating partners in order to determine needs, interests, and concerns.

Support Team

Jessica Cabral (Project Coordinator), Interpretive Exhibit Coordinator, The Deering Estate at Cutler
Jessica Cabral has over eight years of experience as an educational program guide for Miami Dade County parks and Recreation Department and more than 10 years of experience in business and customer service. Over the past year, Jessica has served as one of lead interpretive staff, developing the design and content of the majority of our historical exhibits. Samples of her work are included in Appendix H. Jessica will serve as our on-site scribe and coordinator for exhibits, specifically developing the interpretive brochures and panel designs.

Yoelly Burgos, Naturalist/Education Coordinator, Deering Estate at Cutler
Yoelly Burgoes will serve as Education Coordinator for the proposed project. Ms. Burgos has more than 8 years experience as a biologist and k-12 teacher. She was hired in 2007 to oversee new program development at the Deering Estate at Cutler. She led the team of naturalists in converting the NACo award wining curriculum into a 30 week homeschool program and reverse tour program. The homeschool program was met with great success in its first year. Nearly 200 students visit the Deering Estate with their parents to participate in their environmental studies program. While approved as a vendor through Miami-Dade County Public Schools, the Deering Estate's reverse field trip program's nominal and highly supplemented $5 per participant cost has been too high for many schools to afford.

Eco-Brigade
Members of the Deering Estate at Cutler's Education and Interpretive Staff, referred to as the Eco-Brigade, will provide in-kind support to the project team for various functional areas of the project's planning and implementation. Members include: Naturalists Andres de la Silviera, Ernest Lent, James Lee, and Elias Horna; Docent Coordinator Max Pearl; and Education Coordinator Yoelly Burgos, who will lead project-related education activities, in collaboration with the Project Director, Jennifer Tisthammer.

Jorge Zamanillo (Interpretive Program Partner), Curator of Object Collections, Historical Museum of Southern Florida
Mr. Zamanillo has more than 18 years of experience as a archaeologist, curator, researcher and writer with specialty in South Florida History and Anthropology. Mr. Zamanillo serves as the current curator of the Historical Museum of Southern Florida's object collection. Mr. Zamanillo is a graduate of Florida State University with a B.A. in Anthropology and a minor in History. He has memberships and has affiliations to the Florida Anthropological Society, Archaeology Society of Sothern Florida, and the American Anthropological Association. Mr. Zamanillo will provide consultation on artifact and document reproductions, exhibit design, and act in an editorial capacity with exhibit and curriculum content.

Work Plan

Year 1: Interpretive Exhibits and Educational Programs

Month:	1	2	3	4	5	6	7	8	9	10	11	12
Activity/Goal:												
Project Team review of Interpretive Goals and Objectives	→											
Audience Evaluation	→	→	→									
Collective Inventory				→	→	→						
Interpretive Exhibit Strategy						→	→	→				

Exhibit Feasibility Assessment								→	→		
Interpretive Planning Recommendations									→	→	→
Monthly Leadership Team (Planning) Meetings	→	→	→	→	→	→	→	→	→	→	→

Year 1: Cutler Burial Mound Boardwalk Construction

Activities	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Survey	→											
Consultant Design		→	→									
Capital Program Bid & Award			→	→	→	→	→					
Capital Program Budget & Scheduling							→	→	→	→	→	→

Year 1: Mock Archeological Dig Site

Activities	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Survey	→	→										
Permitting		→	→	→								
Construction				→	→	→	→	→	→			

Year 2: Interpretive Exhibits and Educational Programs

Month:	1	2	3	4	5	6	7	8	9	10	11	12
Activity/Goal:												
Storyboard Exhibit and Select Feature Pieces	→	→	→	→	→	→	→	→	→	→	→	→
Select Exhibit Materials and Display Cases	→	→	→	→	→	→	→	→	→	→	→	→
Draft Content and References	→	→	→	→	→	→	→	→	→	→	→	→
Review/Edit for Final	→	→	→	→	→	→	→	→	→	→	→	→
Installation	→	→	→	→	→	→	→	→	→	→	→	→
Curriculum Enhancements	→	→	→	→	→	→	→	→	→	→	→	→
Monthly Leadership Team (Planning) Meetings	→	→	→	→	→	→	→	→	→	→	→	→

Year 2: Cutler Burial Mound Boardwalk Construction

Activities	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Permitting	→	→	→	→	→							
Construction					→	→	→	→	→	→	→	→

Year 1: Description of Activities

☑ Project Team Review of historical and archaeological assessments, as well as long range interpretive plans for collaborative partners to determine mutually beneficial interpretive goals of project. Lead by Jennifer Tisthammer.

☑ Audience Evaluation: Develop audience survey and conduct intercept survey of visitors of collaborating partners to determine needs, interests, and concerns. Assign intercept surveys. Additional intercept surveys may be performed with audiences of similar organizations representing similar historical themes in Florida and American History. Lead by Michelle Williams, Florida Public Archeology Network, Jennifer Tisthammer, and Cathy Ferreira.
☑ Project Team de-brief on intercept surveys and review work plan as needed. Lead by Jennifer Tisthammer.

☑ Site Distinction: Determine expanded list of collection partners. Assign research. Interview/evaluate other historical and archaeological organizations for additional collaborative opportunities and expansions on themes that complement the interpretive program as proposed. Lead by Bob Carr.

☑ Project Team de-brief on additional collaborative opportunities and review work plan as needed. Lead by Jennifer Tisthammer.

☑ Collective Inventory: Assign inventory research. Re-assess and develop a comprehensive inventory of the objects contained in the collections at the Historical Museum of Southern Florida, Florida Museum of Natural History and specific reproductions of pertinent documents for exhibit in permanent collection at the Deering Estate at Cutler. Lead by Bob carr and Jennifer Tisthammer with project goals as assigned to other team members as necessary to complete the inventory during project time period. This may include Jessica Cabral, Ernie Lent, Yoelly Burgos and/or members from the Historical Museum of South Florida staff, Florida Museum of Natural History, Florida Public Archeology Network, et al.

☑ Project Team de-brief on additional interpretive opportunities and review work plan as needed. Lead by Jennifer Tisthammer.

☑ Interpretive Exhibit Strategy: Meeting amongst program partners to develop comprehensive plan featuring coordinated themes, formats, designs, and education/learning objectives for the public elements of the project. Lead by Jennifer Tisthammer, Bob Carr, and Dr. Michelle Williams.

☑ Exhibit Feasibility Assessment: Using the Interpretive Exhibit Strategy, collectively determine collaborative exhibit location and education objectives for the public elements of the project. Lead by Jennifer Tisthammer, Bob Carr and Dr. Michelle Williams with input from Deering Estate at Cutler Management/Business Planning Team.

☑ Make Interpretive Planning Recommendations for:

- Final location(s), design, and fabrication of exhibits and interpretive signage/collateral material
- Development of web site content and self guided city tours/collaborative partner tours
- Completion of interactive components
- Publication of interpretive materials for the general public
- Publicity and promotion
- Presentation and distribution of educational programs and related materials for public

Lead by Jennifer Tisthammer, Bob Carr and Dr. Michelle Williams with input from Deering Estate at Cutler Management/Business Planning Team.

Year 2: Description of Activities

☑ Based on Goals and Objectives of Interpretive Exhibit Strategy developed by Planning Team, Storyboard the Exhibit Panels, location and flow of the Exhibit in the physical space. Select specific artifacts, documents and photographs to be utilized as part of the story board. Lead by Jennifer Tisthammer, Bob Carr, and Dr. Michelle Williams.

☑ Select Exhibit Materials and Display Cases. Lead by Lead by Jennifer Tisthammer with input from Deering Estate at Cutler Management/Business Planning Team.

☑ Based on Goals and Objectives of Interpretive Exhibit Strategy developed by Planning Team, draft context and cite references of materials. Lead by Jennifer Tisthammer, Bob Carr, and Dr. Michelle Williams.

☑ With input from Deering Estate at Cutler Management/Business Planning Team, Review draft and panel mock ups for final production. Lead by Jennifer Tisthammer, Bob Carr, and Dr. Michelle Williams.

☑ Install exhibit panels, place and curate pieces in display cases. Lead by Jennifer Tisthammer, Bob Carr, and Dr. Michelle Williams.

☑ Curriculum Development: Using the Interpretive Exhibit Strategy, enhance existing curriculum and lesson plans to include additional onsite activities and programs for learners. Lead by Yoelly Burgos with input from Bob Carr, Dr. Michelle Williams and Deering Estate at Cutler Management/Business Planning Team.

Samples of Previous Digital Work

In recent years, The Deering Estate at Cutler (Estate) have upgraded all interpretive panels, photo, and document exhibits to be more visually understandable for a) the general public and b) to meet ADA standards for interpretive and educational programs. The staff has worked with local volunteers and under the direction of the University of Miami, Richter Library – Special Collections Department to convert more than 500 original documents and photos to digital format. Copies of these digital archives are cataloged and are available on-site through a semi-public computer kiosk located in our education and Interpretive Staff offices. Additionally, staff has taken major photo and document collections systematically and begun to make portions of them available to the general public through our website www.deeringestate.org. Similarly, compilations of important and documents and photos in groupings are curated into brochures and exhibit panels that have been converted to pdf file and available to the public as downloads. Attached in Appendix H are four samples of photo and document archives, exhibit panels and interpretive brochures for four on-site exhibits: Charles Deering, Ramon Casas, Maricel & Tamarit, and Historic Houses. Jennifer Tisthammer (Project Director) and Jessica Cabral (Project Coordinator) coordinate archive processes and materials, exhibit design and content, brochure design and content, website design and content, and public access to digitally archived materials.

Fundraising Plans

The implementation grant will be overseen by the Estate's Exhibits and Collections Coordinator. The staff labor required to complete the project, as well as needed travel, and meeting expenses would be included in the Estate's Annual Budget. The majority of the Estate's match funding for this project is provided through the County's General Fund with approximately ¼ being provided through user/admission fees and charges to patrons visiting the facilities. The funds received by NEH from the

implementation grant would be strictly used to fund A) two (2) new ADA accessible outdoor, Mock Tequesta Archeological Dig Sites, B) replacement of a boardwalk leading to and circumnavigating the Cutler Burial Mound – an archeologically and environmentally sensitive site - widened to allow ADA accessibility as well as enhanced public access; and C) a Project Coordinator to manage all elements. It is anticipated that additional funds needed for the implementation of the project would be funded through the Estate's Annual Budget, as well as sought from public and private sources once the specifics of project are developed.

SPECIAL REQUIREMENTS

Information on Public Accessibility and Admission (required of all projects)

The Deering Estate at Cutler (Estate) is open to the public daily from 10:00 am to 5:00 pm every day except Christmas and Thanksgiving. General admission to the Deering Estate is $10 for adults and $5 for children (ages 4-14). Groups of twenty or more receive a discounted general admission of $5 per person. All programs for school groups (including 30-week homeschool program) and camp groups receive a discounted general admission and program fee of $5 per person, chaperones receive free admission along with their participation in the programs. With written request from program directors, special needs youth and Title 1 schools groups do receive additional consideration. The Director for the Estate has the flexibility to waive program and admission fees for specialty groups. We also offer several "free" admission days either for youth specifically or families. On the fourth Sunday of April, the Estate is open free to all youth in the community. Additionally, the Estate hosts Family Fun Days (free admission for adults and children) during one Sunday a month in the summer months of June, July, and August. Interpretive exhibits are open to all guests of the Estate.

Walkthrough for Exhibitions or Historic Site Interpretation

The proposed project is a multi-disciplinary and multi-dimensional exhibit, educational, and interpretive program designed to introduce the history, customs, culture and daily lives of the Tequesta to the public. The Deering Estate Fossil Record presents an important interpretive opportunity... *Stepping Through Time: Tracing the Archeological Footsteps of the Tequesta* will provide the public with an opportunity to visit a Tequesta habitation site and burial mound, walk an ancient Tequesta trail, and hold Tequesta artifacts in the hopes of inspiring an interest and a respect for a Native American people and a way of life that lived here long ago. The purpose of the proposed project is to deepen the public's understanding of Florida's and our nation's archaeological and historical past.

The Tequesta were probably one of the very first Native American groups to encounter Europeans. Ponce de Leon sailed into Biscayne Bay in 1513 and named it Chekeska Bay. The Tequesta and every other indigenous Florida tribe were extinct cultures within two hundred and fifty years of that first meeting. They died in warfare, they were captured and taken to other parts of the Spanish empire, they were coerced to convert to other religions, and European diseases to which they had no immunity took a deadly toll. In 1763, the Treaty of Paris was signed and the territory of Florida was given by the Spanish to the British in return for Havana, Cuba, which had been captured by the British during the Seven Years War. The Spanish vacated Florida and sailed from Tampa Bay in a fleet of transport ships. Aboard those ships were eighty Tequesta families who accompanied the Spanish to Havana. There is no further mention of the Tequesta as a cohesive group after 1763, either in Florida or Cuba. What little we know about the Tequesta is derived from writings of early missionaries, soldiers, explorers, and adventurers, and from modern archaeology.

Guided Natural Areas Tour: *Stepping Through Time: Tracing the Archeological Footsteps of the Tequesta*

The Deering Estate at Cutler (Estate)'s main trail, also known as the original Old Cutler Road[1], was an Indian trail that connected the Tequesta village once located on the lands of the Estate to the principal

[1] Old Cutler Road was the primary pioneer "highway" that connected Miami proper to the Town of Cutler – a pioneer town originating from the development of the Flagler East Coast Railway. It was a treacherous, windy road traveled by horse and buggy or by foot by early settlers to the area. The trail follows the high ground of the Miami Rock Ridge through what is now Coral Gables and Coconut Grove into downtown Miami.

Tequesta village at the mouth of the Miami River[2]. The main trail bisects the Estate's protected natural areas consisting of several native Florida habitats (hardwood hammock, pine rockland, a coastal mangrove hammock and various ecotones) and is only accessible in the presence of a naturalist staff through a guided Natural Areas Tour. The Tequesta tribe in general was less numerous than other, more northerly tribes because theirs was a subsistence culture entirely dependent upon the natural resources of the area. They were not an agricultural people and didn't plant or harvest crops, although the hammock has numerous edible fruits, nuts, roots, and berries which were a part of the Tequesta diet. The walk along the main trail is an opportunity to discuss the importance of the hammock as a source of food and material. The hammock is full of edible fruits, nuts, roots, and berries. These plants were useful to the Tequesta for dyes or glues (i.e. bloodberry and gumbo limbo). Jamaica dogwood - or fish fuddle - has a toxin that incapacitates fish, making them easy to harvest. En route, naturalists are able to describe the types of animals that are present on the Estate today, as well as those that were present historically. The Tequesta were opportunistic in their dietary habits and ate virtually every kind of animal that didn't talk back to them including snakes, alligators, and crocodiles. Deer, similar to our present day White Tailed Deer would have been an extremely useful catch, not merely as a food source, but for the hide, antlers and sinew as well.

At the Black Dirt Midden: A portable display of artifacts like the whelk dipper, large conch columella, pottery shards, bone pins, etc., as well as the model Tequesta dwelling,[3] would be set up by staff in advance. A midden is simply a garbage heap, and garbage reveals a great deal about the people who leave it behind. An examination of the trash we discard weekly would give someone a very accurate idea about intimate details of our daily lives: what we eat and drink, what we read, whether we have children or pets, our bank account number. A stop at the Tequesta midden and examination of some of the artifacts found there helps us to discover valuable clues about Tequesta lifestyles.

The midden is where the Tequesta village was located. It encompasses about seven square acres, although only a portion adjacent to a naturally occurring fresh water spring is accessible. Probably fewer than a hundred or so Tequesta lived at the Estate site at any given time. Most Tequesta habitation sites were adjacent to the mouths of creeks and rivers, where the fresh water from the 'Glades poured into the salt water of the Bay. The estuaries thus formed were an excellent source of food, including oysters, shrimp, and fish.

The midden village was not a permanent site, but was occupied seasonally. It may have been abandoned during the summer months (our mosquito season) as there is evidence that Tequestas moved out to barrier islands like Chicken Key or Key Biscayne during times of mosquito infestations. There, the prevailing sea breeze usually kept the mosquitoes on the mainland. The Tequesta village or habitation site at the Estate was chosen for several reasons: it was on high, dry ground; it was very close to Biscayne Bay, their main source of food; and, it was near an abundance of fresh clean water. The fresh water spring and the creek, which flows nearby, would have carried a much greater volume of fresh water than it does today[4].

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[2] The name of the main village – It might have even be termed their capitol - was in fact Tequesta. Its location is at the present day site of the Miami Circle.

[3] Tequesta dwellings were portable thatched huts made from native pine trees. This past year, a Eagle Scout troup in collaboration with our Natural Areas Management crew recovered slash pines from the pine rockland habitat during a "thinning" and built a reproduction Tequesta hut that could be used as part of the Natural Areas Tour. Tequesta structures were quite simple, easily and quickly assembled or taken down.

[4] The Cutler Slough Rehydration Project – part of the Natural Areas Tour – was designed to restore a portion of the natural flow of water across the land of the Estate. The naturally and historically occurring "wetlands" in the area were drastically reduced over the years by modern drainage projects.

The Tequesta were an ocean-going, canoeing culture and our Tequesta midden reflects this. In our midden, shark teeth and shark vertebrae are frequently found - brought up by land crabs or seasonal rains. Other middens in the area have contained bones of sailfish, marlin, swordfish, whales, dolphins, and manatees. No fewer than four independent accounts of Tequesta whale hunts have been described in contemporary Spanish documents and they tell of a rather extreme form of fishing. When a whale was spotted in the relatively shallow waters of Biscayne Bay, the Tequesta would pursue it in dugout canoes and, when they were alongside of the whale one of them would leap upon its back, drive a stout stick into the blowhole, and ride the whale until it died, whereupon it would be towed back to shore.

Most of what we find in our midden is shell: conch, oyster, whelk and a wide variety of other shells that were abundant throughout this area and undoubtedly were a primary source of food. Fish bones and teeth are also frequently found. The presence of the bones of small fish indicates that the Tequesta wove tightly meshed nets. Turtles were a staple of the Tequesta diet and fragments of turtle shell and bone are commonly found here. They ate sea turtles, fresh water turtles, and gopher tortoises. Bones of raccoon and deer indicate that the woodlands also were a significant source of food.

The midden reveals not only the diet of the Tequesta but also various tools, weapons, and household goods such as pottery. Wooden implements would have decomposed long ago, so arrow shafts, bows, spears, tool handles, etc. have not been found but most certainly were used. Tools such as hammers, hoes, chisels, awls, and drills were fashioned from conch and whelk shells. Axe-like tools were made by removing the lip of a conch or whelk shell, shaping it, and attaching it to a haft. This type of tool is called a celt. Shark teeth were used to shape and cut wood and as projectile points. Bone and antler could be worked into tools and weapons; fish and sting ray spines could be made into awls and needles. Whelk shells were fashioned into dippers for drinking and cooking. Examples of these items have all been found on the Estate and are part of the self-guided exhibit described later in this document.

We show our guests fragments of pottery found in the Tequesta midden - for the most part, a type called Glades Plain. It is sand-tempered, gray or black in color, and usually undecorated. The pottery shards are gritty, thick, and durable. Sometimes pottery that is not typical of the Tequesta is discovered in the midden and it is surmised that these artifacts are trade goods. There was a widespread network of trade routes throughout the Southeast and items were traded over very long distances. Shells from the Gulf coast have been found as far away as Wisconsin. In the excavation of the Miami Circle archeological site, two basalt celts were discovered. They were found to have been quarried at a site near Macon, Georgia. They were in exquisite condition and seemed to have been of ceremonial importance. Archaeologists have dug test holes in the Estate's Black Dirt Midden but no extensive excavation has been attempted. No excavation is planned at present, so we rely on the weather and animal habitants to excavate artifacts for us and our guests.

At Cutler Creek: During the times of the Tequesta, Cutler Creek was a significant flow of fresh water, which drained out of the Everglades into Biscayne Bay. A stop on the trail allows our naturalists to discuss this locale as a source of drinking water and its easy accessibility to the 'Glades. During the summer, our rainy season, water levels in the Glades would have been quite high. Deer as well as other animals would have taken refuge on the numerous isolated tree islands, which stand out above the river of grass. Hunters would have poled their dugout canoes up this creek into the 'Glades in order to exploit the animals' limited ability to flee. In the winter time, our dry season, the 'Glades' would have dried out for the most part, except in deep holes dug by alligators. There alligators, fish, turtles, and birds would have been concentrated in large numbers; deer and other animals would come to drink. These alligator holes were a reliable source of food for the Tequesta, and artifacts, including tools and pottery, were found in hammocks deep in the Everglades, evidencing that hunting camps were used for extended stays.

At the solution hole: Here is an opportunity to discuss Paleo-Indians and draw a connection between the solution hole and the Cutler Fossil Site. A display of fossils and plaster casts of animal bones would be set up beside the trail prior to the tour and referred to during the brief stop there. This is also an opportunity to discuss the impact that geology had upon the Tequesta. One can easily see how shallow the topsoil layer is and how close to the surface the limestone lies. Farming is not possible in most parts of this area without steel tools and draft animals or mechanized equipment. The oolitic limestone is a weak, porous rock that can't be sharpened or shaped into tools or weapons and clay suitable for the manufacture of pottery isn't present in South Florida.

At the Cutler Burial Mound: Henry Perrine Jr. describes the skeletons buried in the Tequesta mound as being placed face down, with their heads pointed toward the center of the mound. The spiritual systems of many Indian groups believe that humans originated inside the earth and emerged from below. It is possible that the positioning of the bodies is an indication of a belief of that sort. The presence of the ancient oak tree atop the mound may be significant. The age of the tree is undetermined but it is quite possible that it was there when Tequestas still lived in the village by Cutler Creek. Trees have an important place in some tribal beliefs, including that of the Seminole and Miccosukee, who maintain that there is an association between trees and the spirits of those buried beneath them. Spanish documents describe special burial practices accorded to high-ranking individuals and it is probable that the skeletons in the mound are those of important people. Spanish documents also reveal that the Tequesta had a rather loose-knit political organization ruled by a chief who resided in their principal village at the mouth of the Miami River. The chief controlled other Tequesta villages like the one here at Cutler, but apparently had little influence on other tribes. The brothers of a chief enjoyed high social status and at times represented the chief. Other important tribal members were described by the Spanish as "leading men" and were probably relatives of the chief, or were proven warriors, shamans, and elders.

The natural area tour culminates at the Cutler Burial Mound followed by a trip back to the main grounds of the Estate. During this time, visitors interact with the Estate's naturalists. At the end of the walking tour, daily visitors to the Estate are encouraged to view the various historical exhibits located in the historic houses on the main grounds. School groups generally take a lunch break at this time, and then return to the natural areas with a guide for part two of their educational and interpretive program – a mock archeological dig to learn techniques used by anthropologists to uncover possible customs, information about the culture and daily lives of the Tequesta.

Mock Archeological Dig Site: The proposed enhanced dig site is comprised of an outdoor classroom, a mock midden salted with various artifacts, and a mock fossil site. Each archeological site measures two meters by six meters (twelve meters square) and is protected by a Chickee structure modeled after those dwellings found during the time of the Tequesta.

Staff of the Estate created the original mock archeological dig site in 2005. Since then, more than 4,500 students and teachers have used the site annually as part of our on-site field trip and specialty camp programs. As seen in the attachments, the site is comprised of a two-meter by six-meter by six-inch rectangular hole in the ground. The site does not allow for ADA accessibility and therefore prohibits our inclusion mandate for public programs. The site is virtually unprotected, covered by plastic tarps staked in to the ground. During current public programs, the Estate staff salt the midden with reproduction artifacts that one might find at the Black Dirt Midden site. With the proposed enhancements to the site, a second mock archeological site would be created to simulate the archeological processes in chronicling the excavation of the Cutler Fossil Site (an area not presently accessible to the public but extremely important to understanding the nature of the Tequesta habitation in the area). The Mock archeology dig site would allow for ADA accessibility and include appropriate interpretive pieces designed by Robert Carr.

Self-Guided Interpretive Exhibit - *Stepping Through Time: Tracing the Archeological Footsteps of the Tequesta*

The Self-Guided Interpretive Exhibit would follow Department of Interior standards for display of sensitive artifacts. As referenced previously, there is a small sampling of original artifacts that are held as part of the Estate's permanent collection, but a sufficient with reproductionns available to tell the story of the Tequesta. Over the past six months, the Estate's education and interpretive staff have been planning the permanent exhibit features. Utilizing existing artifacts, incorporating reproductions of artifacts held with our exhibit partners, and introducing "artistic" interpretations from current and alumni of our artist in residence program, the exhibit components will include an introductory timeline of the Atlantic Coastal Ridge from prehistory to present day, a 360 degree view of the Cutler Fossil Site as it looks today, and glimpse into a Tequesta Village. The historical timeline, as proposed, will chronicle significant events in the geological, vegetative, animal habitation, and human habitation development. The 360 degree photographic view from inside the Cutler Fossil site is currently being conducted, spearheaded by staff and one alumni of our artist in residence program, Brian Call. Mr. Call is a nationally recognized wildlife photographer and conservationist who produced a series of images from inside the walls of the Cutler Fossil site in modern times. These images coupled with those of the excavation and a statigraphy of the oolitic limestone will give visitors a glimpse inside a solution hole.

We know little about their clothing and jewelry, but a famous series of engravings by a French artist and explorer, Jacques le Moyne, may give us clues about their appearance. His drawings depict natives of Northeastern Florida but match the few descriptions we have of Tequesta dress. They were heavily tattooed and wore ear adornments but very little else. The men wore nothing at all most of the time, though some are described as occasionally wearing a loincloth of woven palm fiber. Women wore short skirts made of Spanish moss. Some jewelry has been unearthed, including shark vertebrae that have been drilled through the middle as if to be strung for a necklace. In the final room of the exhibit, Betsy Kreisberg, local painter and artist in residence program alumni, has been researching Jacques le Moyne's images, historical documentation, and artifacts found on the Estate to create her own interpretation of a Tequesta habitation site to be included in the final room of the permanent exhibit.

Additionally, in a letter from Brother Francisco de Villarreal to Father Juan Rogel contained in the publication "First Jesuit Mission in Florida" from the Historical Records and Studies, we have a reference to Anna, a known Tequesta woman locally. A potential portrait of Anna as an exhibit can expound on the life and times of the Tequesta as they lived in the area. Anna was the first "successful" convert to Christianity by local missionaries. An excerpt of her story follows: "Friday, January 2, 1568, there was an old Indian woman here very ill and weak, reduced to a skeleton. I asked her if she wanted to become a Christian two or three days before. She said yes, and during this time I brought her a little porridge which she ate. She kept repeating that she wanted to be a Christian and was sorry for having lived in such an evil sect. She said she believed in one God and in Jesus Christ Who died for her and in all that the Christians believed...I baptized her for I thought she would die shortly...I gave the name, Anna to the old woman..." - Francisco. There is a life story to tell of a person, family, and early American people through Anna.

The Tequesta were a successful, resourceful group of people who lived in South Florida for over two thousand years. South Florida Indians were described by the Spanish as being giants, towering over the Europeans. Their diets were healthy and, barring trauma or disease, the Tequesta probably lived relatively long, healthy lives. Their culture was well adapted to the harsh conditions that sometimes occur here – hurricanes, hordes of biting insects, intense heat in the summer, and occasional cold winters. They had contact with and were influenced by other tribes, such as the Calusa, Ais, Jaega, Timicuan, and Apalachee, with whom they conducted commerce.

But the trade routes, which connected these diverse peoples were ultimately their undoing, because not only did vital goods and merchandise move up and down the peninsula of Florida, but so did European diseases. It is estimated that between 100,000 and 200,000 Native Americans lived in Florida when Ponce sailed into Biscayne Bay in 1513. Two hundred and fifty years later there were 300. Their cultures were destroyed by epidemics of smallpox, measles, and other European diseases, which wiped out entire populations. They had become entirely dependent upon the Spanish missions. When the Spanish departed Florida in 1763 these 300 Indians, remnants of once proud tribes, went with them and disappear from history, never to return.

The guided natural area tour along with the mock archeological dig site and Self-Guided Interpretive Exhibit proposed through this project, *Stepping Through Time: Tracing the Archeological Footsteps of the Tequesta,* will allow visitors to step back in time and experience first-hand the history, customs, and daily lives of this important Native American culture.

Travel Schedule with Venues, when applicable

Travel schedules are not applicable to the proposed project.

Publications

While no funds are requested for specific publications associated with the proposed project, *Stepping Through Time: Tracing the Archeological Footsteps of the Tequesta*, several publications will be produced by Deering Estate at Cutler (Estate) staff with guidance from Robert Carr and Richard Huideven. These include:

- *Self Guide Tour Program* (Sample Attached on Appendix H) –Estate staff researchers produce self-guided tour brochures to assist visitors to the Estate with their appreciation of the range of heritage information significant to four primary historical eras of the Estate, as well as our natural, archeological, and historical resources located here. In 2007, staff began to revise the look and content of these self-guided brochures. To date, the following titles have been produced: Deering Estate at Cutler -- English Version, Spanish Version; Mangrove Boardwalk; Richmond Cottage and the Town of Cutler; Stone House: The Furnishings and Art of Charles Deering; and Marycel and Tamarit – English Version and Spanish Version. Each brochure contains a site map, historical photo references, diagrams and historical notes. In 2009, these tour brochures can be downloaded in pdf format from the Estate's website at http://www.deeringestate.com/.
- *Learning Program Guide for Homeschool Educators* and *Learning Program Guide for School Groups* - The Deering Estate Education and Interactive Staff have designed a fully updated Curriculum with 6 core areas of study and a menu of specific educational activities. Our 30-week program involves reading, writing, and hands-on experiments. Homeschoolers, their parent educators, public and private school students and teachers visit the Estate once a week to learn about our archeology, the environment, Florida history, and art. The 30-week curriculum overview, with correlating Sunshine State and FCAT Standards, are available to the public via our website. Similarly, individual lesson plans used by parent educators and school teachers are available via the website for pre- and post- study.
- *An Archaeological Survey and Assessment (Phase I and II) of the Charles Deering Estate Park,* conducted for Miami-Dade County Park and Recreation Department by the Miami Dade County Historic Preservation Divisions and The Archeological and Historical Conservancy, Inc., June 1992 will be made public via the internet in pdf format.

Public Programs

Self Guided Interpretation - Narrated by a Self Guided Tour Brochure, Deering Estate at Cutler (Estate) visitors will be able to visit an on-site permanent exhibit located within the rooms of the historic Richmond Cottage. Utilizing existing artifacts, incorporating reproductions of artifacts held with our exhibit partners, and introducing "artistic" interpretations from current and alumni of our artist in residence program, the exhibit components will include an introductory timeline of the Atlantic Coastal Ridge from prehistory to present day, a 360 degree view of the Cutler Fossil Site as it looks today, and glimpse into a Tequesta Village.

Eco-Connect Lecture Series - Our Eco-Connect Lecture Series began during the Fall of 2007. While connecting man to his natural environment through learning and discussion, the series also strives to educate residents about the latest science and environmental health issues and what we can do personally and professionally protect and sustain human and ecological health in our neighborhoods. This series run on a monthly basis and most are free to the public.

Daily Natural Areas Tour - Provides the public with an opportunity to visit a Tequesta habitation site and burial mound, walk an ancient Tequesta trail, and hold Tequesta artifacts in the hopes of inspiring an interest and a respect for a Native American people and a way of life that lived here long ago. The naturalist lead daily tours to the Cutler Burial Mound traverse the Estate's main trail, an Indian trail that connected the Tequesta village once located on the lands of the Estate to the principal Tequesta village at the mouth of the Miami River. The main trail bisects the Estate's protected natural areas – consisting of several native Florida habitats (hardwood hammock, pine rockland, a coastal mangrove hammock and various ecotones) - and is only accessible in the presence of a naturalist staff. The walk along the main trail is an opportunity to discuss the importance of the hammock as a source of food, material, and a place to live.

Reverse Field Trips - The Estate offers off-site programming opportunities that are designed to bring our Living Classroom directly to schools during traditional school hours or as part of an afterschool care program. Equipped with fossils, artifacts, and tools, preserved specimens, photographs and simple laboratory experiments, the Eco-Brigade (the Estate's Education and Interpretive Staff) bring curriculum to community youth in the field of ecology, geology, marine biology, archaeology, history and art. Reverse Field Trips accommodate up to 30 students per two-hour session and multiple sessions can be offered at a single site.

Archeologist for A Day Program – Using the current mock archeological dig site, guests have "fun" pretending to be archeologists. Through a two and half hour on-site activity, they become familiar with the methods, tools, and vocabulary used by real archeologists. Through archeological discovery, they learn about the different peoples that have, over the course of many centuries, called the Estate home.

TEC Workshop for Teachers - The Estate offers Teacher Workshops to M-DCPS teachers holding a Florida Educator's Certificate and other members of the education community including new teachers, paraprofessionals, substitute teachers, non-instructional personnel, and others. Full day, on-site workshops highlight the Living Classroom core curriculum in ecology, marine biology, geology, archaeology, history and art and allow teachers to earn Master Plan Points. Enrollment is facilitated through the MDCPS Teacher Education Center.

Archeology Camp for Kids – This is a proposed "specialty camp" that is an enhancement to our existing Deering Discovery Camp. The curriculum and program format are yet to be developed, but model programs exist that take guests through our recorded history. Activities include the research of ancient

cultures, practices of archeology, artifact recordings, and the importance of preservation and interpretation. Students would ultimately design their own model village from the information they have gathered throughout the program.

Enhancements to Homeschool Educators and *School Group Curriculum* – By incorporating new findings and site specific exhibits, our existing curriculum would be enhanced with new materials, activities, and research. The curriculum overview would continue to correlate to Sunshine State and FCAT Standards and would be available to the public via our website. Similarly, individual lesson plans used by parent educators and school teachers would be updated and made available via the website for pre/post study.

Book Nook by the Bay – a once a month program by the Education and Interpetive Staff to make accessible to the public the vast learning resources available in our classroom. Children's Books, narrations, eco-activities are all part of the 9 am to 12 noon programming one Saturday a month on the Estate.

Oral Histories

While the Estate maintains oral/visual histories of caretakers, descendents of Mr. Deering and incorporates them into on-site exhibits, there are at present no plans to incorporate oral histories in to the proposed interpretive and education program.

Audiovisual and/or Multimedia Formats

Video Footage and Images from GPR Assessment - The Florida Public Archeology Network has offered to conduct an outreach program on the Deering Estate at Cutler (Estate) to demonstrate how the technology of Ground Penetrating Radar can be used to provide new information on sensitive archeological sites. Through this outreach initiative, the staff at the Estate would capture images, information, and video footage of geophysical techniques demonstrated by this program.

360 degree interior view of the Cutler Fossil Site - Due to the sensitive nature of the historic site, visitors are not allowed to enter the Cutler Fossil Site. As such, Brian Call – nature photographer and conservationist, in the company of naturalists, captured the interior walls of the Fossil Site, present day. Volunteering his time and materials, the artist has offered to produce the panoramic images of the site to be used as part of the visual exhibit.

Oil Painting of Tequesta habitation Landscape - Alumni of the Artist in Residence Program, Betsy Kreisberg, has offered her time and materials to produce a two-dimensional interpretation of a Tequesta habitation landscape. Based on historical documentation, images from a series of engravings by a French artist and explorer, Jacques le Moyne, Betsy initial sketches include dugout canoes along a mangrove laden coast as the men come back from a day at sea.

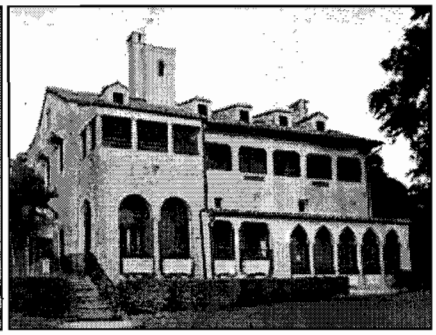
Visual Exhibit Diorama "Another day at Work," developed by onsite naturalist Eduardo Salcedo and presently on loan at the Historical Museum of South Florida…this diorama depicts in 3-D various scenes that show how the Tequesta might have spent their days. While men fished, hunted, and warred, the women practiced small scale horticulture, cared for children, cooked meals, hauled water and firewood, gathered wild edibles, smoked fish and meat, wove baskets, and made pottery.

Visual Exhibit Diorama "In the Beginning," is a 3-D reproduction of the Cutler Fossil Site, replete with a pack of dire wolves, as it would have been thousands of years ago.

www.deeringestate.com Website - "Exhibit and Collections" and "Kids Camp and Programs": Research and enhanced curriculum will be incorporated into a virtual exhibit on the website on these two pages.

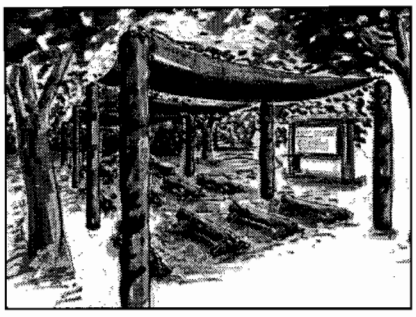
Conservation Treatment

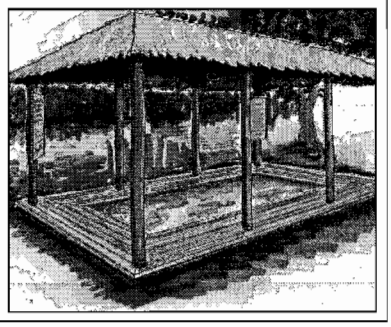
Conservation treatment activities are not applicable to the proposed project.



Stepping Through Time:
Tracing the Archeological Footsteps of the Tequesta

Appendix A
Resumes





Robert S. Carr
Archaeological and Historical Conservancy, Inc.
4800 SW 64th Avenue, Suite 107
Davie, FL 33314
(954) 792-9776

Education:

Florida State University. Tallahassee, Florida.
M.S. Degree in Anthropology
August 1976

Florida State University. Tallahassee, Florida.
B.A. Degree in Anthropology
August 1972

University of Miami. Coral Gables, Florida.
Course Work
September 1970-June 1971

Miami-Dade Junior College. Miami, Florida.
A.A. Degree
June 1968

Professional Experience:

1999 to Present	Executive Director (Full Time) Archaeological and Historical Conservancy, Inc.
1996 to 1999	Director Dade County Historic Preservation Division
April 1994 to October 1995	Acting Director Dade County Division of Historic Preservation
August 1978 to 1999	Dade County Archaeologist Dade County Division of Historic Preservation
1980 to 1981	Florida Archaeological Council, President
1980 to 1983	Editor, *The Florida Anthropologist*
March 1977	Archaeologist with U.S. Park Service, Southeast Archaeological Center, Tallahassee, Florida.
June 1973 to August 1976	Contract Archaeologist with Florida's Division of Archives History and Records Management, Tallahassee, Florida.

Major Investigations / Projects (Principal Investigator):

1999 to 2003	Archaeological assessment and data analysis of Miami Circle (8DA12)
2000 to 2001	Archaeological investigation of Okeechobee Battlefield. Boundary
1985 to 1986	revisions for National Landmark designation.
1992 and 2006	Preachers Cave, Eleuthera, Bahamas
1991 to 2002	Ortona Canal and Earthworks, Glades County
2000 to 2001	Long Lakes (Broward County) archaeological investigations
1985 to 1991	Archaeological Survey of Broward County
1979 to 1981	Archaeological Survey of Miami-Dade County
1974	Archaeological Survey of Lake Okeechobee

Bahamian Archaeological and Historical Assessments:

1982 An Effigy Ceramic Bottle From Green Turtle Cay Abaco. *The Florida Anthropologist.* 35:200-202. (Co-author/Senior Author).

1991 An Archaeological Survey of Spanish Wells and North Eleuthera, Bahamas. *Bahamas AHC Technical Report #1.*

1993 Carr, Robert S., Jane Day, and Sandra Norman
Archaeological Investigations at Preacher's Cave North Eleuthera, Bahamas Phase II. *Bahamas AHC Technical Report #2*, May 1993.

2003 Lance, Mark and Robert Carr
Interim Report on Archaeological Investigations at New Plymouth Green Turtle Cay, Abaco, The Bahamas. *AHC Bahamas Technical Report #3.*

2006 Carr, Robert S., Jane Day, Jeff Ransom, William Schaffer, and John Beriault
An Archaeological and Historical Assessment of Preacher's Cave, Eleuthera, Bahamas. *AHC Bahamas Technical Report #4.*

Regional Archaeological Surveys:

1974 An Archaeological and Historical Survey of Lake Okeechobee. Division of Archives, History and Records Management, Bureau of Historic Sites and Properties. *Miscellaneous Project Report Series No. 22*, Tallahassee, Florida.

1975 An Archaeological and Historical Survey of the City of Apalachicola. Report on file with Division of Archives, History and Records Management, Tallahassee, Florida.

1978 An Archaeological Survey of the Big Cypress National Preserve, Preliminary Report. National Park Service, Southeastern Archaeological Center, Tallahassee Florida.(Co-author).

1981 *Dade County Historic Survey Final Report: The Archaeological Survey.* Historic Preservation Division. Metro-Dade Office of Community and Economic Development.

1990 Carr, Robert S. and Patricia Fay
An Archaeological Survey of the Lower Keys, Monroe County, Florida. *AHC Technical Report #19.*

1991 An Archaeological Survey of Broward County, Florida: Phase I. *AHC Technical Report #34.*

1995 Carr, Robert S., James Pepe, W.S. Steele and Linda Jester
Archaeological Survey of Martin County, Florida. *AHC Technical Report #124.*

2003 Carr, Robert S., Alison Elgart-Berry, Victor Longo, Jeff Ransom
An Archaeological Survey of Palm Beach County, Florida. *AHC Technical Report #419.*

1998 Carr, Robert S., David Allerton and Ivan Rodriguez
An Assessment of the Archaeological and Historic Resources of the Florida Keys, Monroe County. *AHC Technical Report #4.*

Historical Archaeology (Seminole):

1981 The Brickell Store and Seminole Indian Trade. *The Florida Anthropologist.* 34:180-199.

1995 Carr, Robert S., Linda Jester and James Pepe
Phase II Archaeological Excavations of the Riverbend #12 Site, 8PB7984, Palm Beach County, Florida. *AHC Technical Report #112.*

1995 Carr, Robert S. and W.S. Steele
An Archaeological Survey of Brighton Seminole Reservation, Glades County, Florida. *AHC Technical Report #116.*

1996 Archaeological and Historical Elements for the Management of Snake Warriors Island, Broward County, Florida. *AHC Technical Report #139.*

1996 Carr, Robert S., and W.S. Steele
Archaeological Reconnaissance Survey of Atsena Otie, Levy County, Florida. *AHC Technical Report #151.*

2002 Carr, Robert S., Lance, M., Steele, W.S.
An Archaeological Assessment and Boundary Determination of the Okeechobee Battlefield, Okeechobee County, Florida (Grant No. GA2255-00-001). *AHC Technical Report #346.*

Regional Synthesis / Methodology

1974 "Aerial Photos Aid Archaeologists." *Popular Archaeology*, Vol. 3, No. 6-7, p. 45.

1984 Prehistoric Man in Southern Florida. In *Environments of South Florida -- Present and Past.* Edited by Patrick Gleason. Memoir 2 (revised). Miami Geological Society. (Co-author/Senior author).

2003 "The Archaeology of Everglades Tree Islands" In *Tree Islands of the Everglades.* Edited by Fred H. Sklar and A. Van Der Valk.

Professional Affiliations:

Society for American Archaeology
Society for Historic Archaeology
Florida Anthropological Society
South Florida Historical Association
Florida Archaeological Council

William N. Irvine
13477 SW 108 Street Circle, Miami, Florida 33186, (305) 386-0458/ (305) 755-7905

CAREER SUMMARY

Strong background in management of a large metropolitan park and recreation system in a culturally diverse community, including as Director of Park and Recreation of a municipal park and recreation system in a major resort community. Expertise in management of parks, recreation programs and facilities, golf courses, marinas, large scale special events, capital improvements and budget planning and implementation. Management experience in engineering, street and street lighting, water and sewer, warehousing, and construction management. Experience in managing a for profit organization. Proven leadership skills. computer proficient.

EXPERIENCE

MIAMI-DADE COUNTY, PARK AND RECREATION DEPARTMENT, Miami, Florida 1993- Present

Director, Deering Estate at Cutler

Responsible for overseeing the assessment, salvage, documentation, reconstruction and restoration of historical sites and structures, and the operation and restoration of the Charles Deering Estate. Responsibilities include directing the preservation and restoration of historical sites and structures, supervising all phases of construction management for restoration projects, issuing permits and certificates of appropriateness and digging, and administering all contracts with historic restoration and archeological survey consultants. Related duties include participating in all planning processes related to historic structures and developing policies which affect the acquisition, restoration and operations of historical properties.

Operations Coordinator/Region Manager

Function as Deputy Chief of Operations responsible for overall and designated line functions in the Operations Management Section of an accredited, award winning full service Park and Recreation Department. Responsible for oversight of 12,000 acres of park lands with annual Operations Management budget of $72 million. Overall responsibilities include oversight of all parks, pools, recreation centers, stadiums, auditoriums, arts and culture centers, natural preserve areas, campgrounds, tennis centers and recreation facilities. Supervision and administrative duties also include the development, implementation and coordination of the Department's recreation programs, development and monitoring of Operation Management's capital improvement and capital equipment needs, liaison between field operations and Department's Administrative Section on all contractual, programming partner and special event applications, negotiations and implementations. Line functions include direct supervision through subordinate managers the operation of the Department's six Golf Courses with annual revenues of $8.1 million, six Marinas with annual revenues of $7.1 million, Leisure Access Division and Park Security Unit.

Chief Contract Management

Developed, implemented and administered new and renewed private sector operated recreational and support services and facilities within the Miami-Dade park system. Reviewed, monitored and directed the contracting process using section staff and operational personnel to insure a high quality of service delivery to the County's residents and visitors, and positive revenue stream in excess of $3.5 million per year.

Hurricane Recovery Coordinator

Directed, monitored, coordinated and reviewed approximately $90 million in hurricane related capital improvement projects. Served as the Department's primary liaison to FEMA and state agencies for hurricane related projects. Responsibilities included coordinating assignments, reviewing and approving, prior to submission to FEMA, and implementation of recovery projects once approved, of all Disaster Survey Reports (DSR), Supplemental DSRs, Requests for Improved Projects, Alternate Projects, or Hazard Mitigation requests. Coordinated, prepared and negotiated the Department's insurance claims/settlements in connection with Hurricane Andrew.

SOUTHERN AUDIO VISUAL, Miami, Florida 1992-1993

Director of Operations and Special Events

Directed the efforts of mid-sized company involved in providing the corporate and convention market with audio/visual and staging services throughout the state of Florida. Responsibilities included supervision of in house services and staff at 11 hotel properties, three warehouse operations and a special services (special events) division. Developed, implemented and maintained policies, procedures and training programs in the areas of personnel, inventory control and maintenance, customer service, and field financial accounting and control.

CITY OF MIAMI BEACH, Miami Beach, Florida

Director of Park and Recreation Department
Total responsibility for full service Park, Recreation, and Facilities Management Department comprised of 303 employees with annual operating budget of $10 million. Worked closely with seven Commission appointed Boards and Committees to develop Department policy, program needs, and service levels. Coordinated through outside agencies, contract instructors, and department personnel, recreation resources to provide and maintain a calendar of programs and events within this major resort community. Large scale special events included Miami Beach Festival of the Arts, Bite of the Beach, (annual food festival), and Friday Night Live (16-week summer concert series). Maintained in excess of 500 acres of park, parkway, and ornamental medians. Directed facility maintenance of over 200 buildings and structures throughout the city. Oversaw the operation of 3 golf courses by an outside contractor. Developed and implemented comprehensive skills and management training program including team building, customer service training, job development, supervision and management development.

- Planned, implemented and completed 25 capital improvement/renovation projects in a two year period.
- Reorganized Parks and Recreation Divisions providing greater efficiency in delivery of service and cost savings to City's general fund.
- Provided 224 programs and activities through combined resources (outside agencies, contract instructors, and department personnel), to the City's visitors and economically diverse residents annually
- Initiated **Graffiti Busters** program resulting in over 300 graffiti abatement work orders during first year
- Initiated **Supportive Employment Program** to hire mentally challenged adults to work in Department Nursery
- Developed and implemented first computerized budgeting process in the City
- Implemented first subsurface irrigation system for medians and center parkways in Florida
- Developed and implemented **Art on Loan Program** which provided local artists the opportunity to exhibit in public buildings throughout the City
- Developed and implemented neighborhood specific Park and Recreation Needs Assessment with 90% confidence level

Assistant Public Services Director
Responsible for supervision of multi-function organization encompassing Park, Recreation, Facilities Management, Engineering, Street and Street Lighting, Water, Sewer, and Warehouse Divisions with 397 employees with annual operating budget of $30 million. Functioned in the capacity of Chief of Operations for full service Park, Recreation, Golf, and Facilities Management Department employing 301 personnel with annual operating budget of $11 million. Duties included budget preparation and monitoring, staff review and development. Developed, coordinated and implemented program improvements defined in annual budget.

MIAMI DADE COUNTY, PARK AND RECREATION DEPARTMENT, Miami, Florida 1975-1980

Comptroller
Functional responsibility for Finance, Purchasing, Personnel, Warehousing and Security for county operated construction management organization employing 300 personnel with capital improvement budget of $45 million. Directed and coordinated all personnel, purchasing, and financial matters for the Zoo and Metro Parks Design and Construction Team. Formulated division and section annual general fund and capital improvement budgets.

- Performed bid review including investigation and formulation of bid specifications for all division capital purchases
- Hired and processed over 125 professional, technical, construction personnel in six month period
- Implemented and monitored $1.5 million Federal CETA grant
- Established and implemented all policies, procedures, controls and purchasing required to bring full scale construction warehouse on line in a six month period

Assistant to the Division Superintendent, Metropolitan Parks and Special Areas
Worked as the Superintendent's key administrative officer responsible for all division Financial, Purchasing and Personnel matters in addition to directing the work of the Division Trade Section. The Division employed 350 personnel and had an annual operating budget of $7 million.

Assistant Park Manager, Haulover Park
Supervised 30 parks personal in the daily maintenance and operation of a 258 acre municipal park which included a nine-hole golf course, beaches, marina, boat ramps, picnic areas, and concession operations.

EDUCATION
BS Education Recreation Major University of Miami 1975

JENNIFER LEE TISTHAMMER

9322 Southwest 182 Street – Palmetto Bay, Florida 33157 – Mobile: (305)710-4182
jleeassociates@bellsouth.net

Highly creative, performance oriented executive with a proven track record of success in nonprofit governance and leadership, fund development, financial management, strategic planning, board development, staff development, environmental advocacy, community relations and public speaking. Highly organized and practical, with the ability to develop and implement multiple strategic goals and time sensitive, complex projects. A collaborator, working effectively to build consensus and align differing interests of multiple and varied parties. A team player with a tireless commitment to excellence as a public steward.

SEEKING: An executive director or equivalent position for a nonprofit organization in need of an intriguing alchemy of inspirational business leadership, creative and strategic thinking, integrity, financial acumen, combined with an accelerant of hard work, and an entrepreneurial ethic consistently producing value added results.

PROFESSIONAL EXPERIENCE

Deering Estate at Cutler, Miami-Dade County Park and Recreation Department, Miami, Florida
February 2007 - Present
Acting Deputy Director, Exhibits and Collections Coordinator
Lead the team to increase visitor attendance by 70% in the last two years and overall revenues by 20%, while maintaining only a .05% increase in expenses. Manage educational and interpretive activities of a 444 acre natural preserve, archeological site, educational and recreational facility, cultural center and historic grounds – the Deering Estate at Cutler. Founded Artist Village to include collaborative visual, literary and performance artist in residency programs, historic and cultural rotating art on loan programs, visiting artist outreach program, and creative art camps. Created Living Classroom modeled after the National Park Service hands-on, interdisciplinary educational program to include Deering Discovery Camps, Eagle Scout projects and various Scout Badge programs, 30-week curriculum for homeschool educators/students, and a Junior Naturalist Program (Youth Volunteer Corps). Oversee day to day restoration and security of 5 historic houses listed on the National Register of Historic Places as well as a small collection of artifacts, documents, photographs, artwork and furnishings from the Estate's founder, Charles Deering. Co-manage human resources and staff development for 24 full-time and 24 part-time employees.

J. Lee and Associates, Inc., Miami, Florida
July 2003 - Present
Founder/Consultant
Provide fee based business consulting, interim executive management, and/or philanthropic consulting to individual and corporate clients. Representative clients include private foundations, nonprofit organizations, businesses, and individuals serving the philanthropic and financial services markets. Descriptions of recent/major projects include (not a complete list):

Parks Foundation of Miami-Dade, Inc. - ACTIVE
Miami, Florida
Develop and implement board recruitment strategy, strategic planning, marketing, foundation governance model, interim management, and fundraising infrastructure to support advocacy, recreational, environmental, educational, cultural and historic preservation objectives of Miami Dade County's Park and Recreation Department – the nation's third largest park system.

The Deering Estate Foundation, Inc.
Palmetto Bay, Florida
Revise and implement strategic business plan, provide interim executive management, create resource development infrastructure and write public and private grants to support advocacy, environmental, educational, cultural and historic preservation objectives of the Deering Estate at Cutler. Work with local art centers and community leaders to open an Artist Village on the Estate consisting of a series of Artist in Residence studios and a rotating Art on Loan program.

United Way International, International Donor Advised Fund (IDAF) Program
Alexandria, Virginia
Develop the administrative protocol for staff and UWI member countries participating in the IDAF Program to enhance/streamline the current level of service and identify opportunities for cost efficiency. Design international grant making anti-terrorist and anti-money laundering compliance standards. Create an international marketing plan and staff/board/donor training plan.

J. Lee and Associates, Inc., Miami, Florida (continued)

United Way of America, National Women's Initiative in Tocqueville and Leadership Giving
Alexandria, Virginia
Secure three year funding from corporate grantor to seed the National Women's Initiative in Tocqueville and Leadership Giving - a 10 year, $1 billion philanthropic growth initiative designed to encourage giving by women through the United Way affiliate system. Develop, plan, and assist with programming the National Summit on Women and Philanthropy. Research and author annually a guidebook on women's executive leadership and philanthropic giving for distribution nationally to over 1500 United Way of America affiliates.

United Way of America, National Planned Giving and Endowment Program
Alexandria, Virginia
Lead a team of professionals in the development of the national gift acceptance and recognition standards. Create the service and staff training program for the Tocqueville Legacy Initiative offered to 1500 local United Way of America affiliates. Provide additional philanthropic consulting, including technical advice on charitable estate planning, planned gift solicitation techniques, and local community program design and marketing.

Development Exchange Incorporated (DEI) - ACTIVE
Minneapolis, Minnesota
Create the overall design, policies, implementation plan and ongoing training platform for a national marketing effort – DEI's Legacy Gift Growth Initiative -- offered to member and non member public broadcasting stations to grow endowment and planned gifts in their local, broadcasting communities. DEI is national public radio's marketing service organization serving over 245 member stations and approximately 300 non member stations.

Merrill Lynch Private Banking & Investment Group, Boca Raton, Florida
Merrill Lynch Trust Company, Center for Philanthropy and Non Profit Management
June 1999 - April 2003
Vice President, Senior Philanthropic Consultant, Southeast US
- Manage regional sales efforts in seven states (Florida, Georgia, Alabama, Mississippi, Tennessee, North Carolina, and South Carolina) and within 150+ wealth management centers, growing assets under management by 30% to $4.7 billion.
- Philanthropic business consultant to high net worth, private foundation, and non profit endowment clients of the firm, designing and implementing over 200 investment policies/wealth management plans, board governance programs, fiduciary reviews, planned and major gift marketing strategies, and private foundation business plans.
- Develop, plan, and assist with programming for an Annual Non Profit Financial Services Conference.
- Regional consultant on national Women's Advisory Network.

United Way of Miami-Dade, Miami, Florida
May 1995 - June 1999
Director, Endowment and Planned Gifts
Develop and implement start-up, integrated planned giving and endowment program, generating $4.5 million in current planned gifts and $42 million in future gifts to the endowment in four years.
- Manage senior development staff and annual campaign divisions for legal, professional and finance industry sectors, raising approximately $12 million in leadership/major gift funds annually.
- Create and train staff on an overall goal setting and fundraising program, leading to an increase in overall annual campaign revenues from $24 million to $40 million in a 3 year period.

Senior Development Officer
- Develop and implement annual campaign for attorneys and law firms, including group presentations, individual gift plan development, special events, niche giving programs, and corporate advised funds.
- Create international giving and donor advised fund program.

Bank of America, Ft. Lauderdale, Florida
October 1994 - May 1995
Business Banking Officer III
- Service and grow commercial loan portfolio and develop new business in middle markets.
- Specialization in fund accounting and Latin American banking sectors.
- MAPS Advisor. Small Business Development Office Instructor.

SunTrust Bank, N.A., Miami, Florida
June 1992 - October 1994
Commercial Loan Representative
- Service and grow commercial loan portfolio and develop new business in middle markets.
- Management Associate
- Complete commercial loan and management training program.

EDUCATION

Florida International University, Miami, Florida
September 1988 - December 1992
Bachelors of Science, Double Major: Finance and Marketing
Honors: Faculty Scholar

Series 7 (Inactive a/o 2005) - The Series 7 Exam is the NASD (FINRA) license for general securities representative. The Series 7 Exam covers topics including: Equity Securities, Debt Securities, Options and Derivatives, Securities Markets and Regulations, Retirement Plans, Investment Companies and Taxation.

Series 63 (Inactive a/o 2005) – The Series 63 Exam is the NASD(FINRA) license for Uniform Securities Agents. The Series 63 Exam covers topics including: State Registration Laws and Procedure, Penalties and Suspension, Lawful Practices and Discretionary Rules.

Series 65 (Inactive a/o 2005) - The Series 65 exam is the license for individuals that act as Investment Advisors. The Series 65 Exam covers topics including: Retirement Planning, Conduct and Business Ethics and Securities Rules and Regulations.

COMMUNITY INVOLVEMENT AND BOARD AFFILIATIONS

Current: Perrine Elementary School ESAC (Elementary School Advisory Committee), Planned Giving Council of Miami-Dade, and Biscayne Bay Yacht Racing Association

Previous: United Way's Children's Impact Council, Biltmore School and Playhouse, Greater Miami Chamber of Commerce, Camillus House, Fairchild Tropical Gardens, United Way of America's National Women's Initiative in Tocqueville and Leadership Giving, South Florida Donor's Forum, Leave a Legacy, The Deering Estate Foundation, South Florida Annenberg Challenge, Florida Philharmonic, Big Brothers/Big Sisters of Miami, American Cancer Society Miami Chapter, South Florida International Wine Festival, Young Leaders Society, Women's Yacht Racing Association

SUMMARY OF QUALIFICATIONS

- Over 18 years of experience in non profit governance, financial management, fundraising and business/community leadership.
- Expertise in wealth planning, donor advised funds (domestic and international), legacy gift and major gift solicitation – raised more than $50 million in leadership/legacy gifts.
- Seeded, helped create and implement $1 billion national women's leadership initiative for United Way of America.
- Investment management and regional sales expertise - grew philanthropic assets under management from $3.1 billion to $4.9 billion
- Responsible for re-defining, re-organizing, developing policy, recruiting, training and managing staff for archeological, environmental, educational and interpretive site listed on the National Register of Historic Places.

LANGUAGES: ***Conversational Spanish***

CATHERINE J. FERREIRA
18830 BELMONT DRIVE, MIAMI, FL 33157
305-235-1668 EXT. 244 (W) / 786-512-3792 (C)
CFERRE01@HOTMAIL.COM

EDUCATION:

Master of Public Administration, December 2005
Florida International University, Miami, FL 33157
Bachelor of Arts in English Literature, April 2002
Florida International University, Miami, FL 33157
Film Studies Certificate Program, April 2002
Florida International University, Miami, FL 33157
Czech Literature and Political Science (9 credit hours), June 2000 to August 2000
Charles University, Prague, Czech Republic
High School Diploma, June 1998
Miami Southridge Senior High School, Miami, FL 33157

EXPERIENCE:

Marketing Coordinator, Deering Estate at Cutler, September 2006 to present
Miami-Dade County Park & Recreation Department Miami, FL

- Develops overall marketing strategy for the Deering Estate by creating a cost-effective marketing plan and budget.
- Monitors and tracks marketing campaign success and cost-effectiveness by conducting visitor satisfaction surveys through the use of *Snap Survey Software*.
- Plans and executes marketing initiatives for all programs, exhibits, and special events.
- Evaluates existing programs and the development of new programs to assess marketability and determine best methods and opportunities for marketing and promotion.
- Promotes the Deering Estate to the general public and target groups through advertising, direct-mail, press releases, web-site and personal contacts.
- Creates content and develops layout for the monthly calendar of events (on-line and in print).
- Produces and distributes print and broadcast promotional materials; including magazine and newspaper advertising, radio and television announcements, calendar of events, media interviews, etc.
- Collects background information and conducts research on upcoming exhibits, special events, and programming held at the Estate in order to effectively promote such activities.
- Manages the current Deering Estate web-site to maximize its use as a marketing, public relations and communications tool.
- Oversees the maintenance of complete media files, media logs and digital photo library for marketing purposes.
- Serves as the Deering Estate spokesperson, as appropriate and/or in the absence of the Director.
- Serves as the on-site weekend manager on a rotational basis; responsible for the financial operations of the Estate.
- Serves as a liaison to community institutions to promote and maintain good public relations through open and consistent communications and building relationships.
- Develops and maintains all media lists and distribution systems.

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- Writes and edits scripts and records information for the department's automated phone system.

Public Information Officer, March 2006 to September 2006
Miami-Dade County Department of Environmental Resources Mgt. Miami, FL
- Provided support in the development of printed material used for general education on environmental issues and concerns.
- Developed and edited extensive content and layout for the Department's web-site www.miamidade.gov/derm.
- Assisted with the production of the T.V. series *Down to Earth* and Public Service Announcements; served as the co-host of *Down to Earth.*
- Responsible for bringing funding and support for the annual event "*Baynanza.*"
- Served as the Department's liaison for the 311 County service; updated relevant information into the 311 database.
- Wrote and edited scripts and recorded information for the department's automated phone system.
- Presented educational material to students at local schools, teaching and promoting environmental awareness.

Cultural Affairs Administrative Officer 2, October 2004 to March 2006
Cultural Affairs Projects Officer, January 2003 to October 2004
Miami-Dade County Department of Cultural Affairs Miami, FL
- Principal assistant for two quarterly grants programs 1) Community Grants and 2) Tourist Development Council; these programs address a wide array of funding requests including cultural programs, museum exhibits, tourism activities, film/TV projects and cultural neighborhood activities & projects.
- Reviewed all aspects of the application, evaluation, contracting and monitoring process for more than 200 grants annually.
- Co-managed the Department's ongoing customer service program, which focuses on all of the Department's grants programs, by developing and distributing electronic surveys and analyzing feedback to refine and improve the programs.
- Supervised funding support for film/media constituents; worked in collaboration with the Miami-Dade Mayor's Office of Film & Entertainment.
- Managed grants financial activities, including approving direct and reimbursement payments for more than $1.5 million annually in funded projects.

Cyber-Journalist/Writer, October 2001 to January 2003
WSVN Channel 7, Sunbeam Television Corporation Miami, FL
- Researched, wrote and edited news articles for www.wsvn.com.
- Utilized the *Associated Press* and other news wire services for breaking stories.
- Interacted directly with on-air talent and producers about content decisions.

Miami International Film Festival Internship, September 2000 to December 2000
Florida International University Miami, FL
- Coordinated film screenings before their initial release.
- Conducted research and developed short briefs on various films and directors.
- Produced a database of Film Festival donors and sponsors for mass mailings.

QUALIFICATIONS:

- Customer Service & Ethics Training
- MS Office Word, MS Office Excel, MS Office Publisher, Powerpoint, Macromedia Dreamweaver, Snap 9 Professional (Snap Survey), Adobe Acrobat, HP Precision Scan Pro
- Strong proofreading and editorial skills, including knowledge of AP style.
- Strong knowledge in Internet Sites and Web researching skills.
- Ability to communicate openly, effectively, and persuasively in both oral and written form.

ACTIVITIES & COMMUNITY INVOLVEMENT:

- **American Society for Public Administration (ASPA),** *Member, Present*
- **Florida Attractions Association (FAA),** *Member, Present*
- **Miami-Dade County Dept. of Cultural Affairs,** *Summer Arts & Science Camps for Kids (SAS-C) Grant Panelist*, January 2008
- **Florida Grand Opera,** *Supernumerary in Rigoletto,* March - May 2006
- **ArtsAlive Miami,** *Board Member & Programming Committee Co-Chair,* 2003
- **Americans for the Arts**, *Emerging Leader,* 2003 - 2006
- **State of Florida Division of Cultural Affairs**, *Media Arts Grant Panelist*, May 2005
- **University of Miami 'Canes Film Festival**, *Judging Panelist*, May 2004
- **Florida International University, Campus Recreation**, *Intramural Sports Supervisor*, 1998-2002
- **Community involvement:** *Habitat for Humanity, Miami-Dade County Goodwill Ambassador, FEMA Post-Hurricane Relief, Miami-Dade County Elections*
- **Certified *NAUI* Scuba Diver**

BURGOS-MUNOZ, YOELLY Applicant/Person ID: **134960**

21000 SW 87TH AVE
APT # 302
CUTLER BAY,FL 33189
(787) 948-4561
yoypr@yahoo.com

Drivers License Type: **Class E license**

Veterans' Preference Information -- None Indicated

Education

Major	Degree	School	Graduated	Graduate Date
Natural Science	Bachelor of Science	University of Puerto Rico	Y	06/06/2001

Work Experience

03/03/2008 Present Recreation Specialist 1 Park & Recreation

As a Recreation Specialist part of my responsabilities are coordination and instructiion on specific naturalist recreation programs such as nature walk, historic house tours, archaeological dig, fish dissection among others. Responsible for planning, directing and instructing a variety of naturalist recreational activities. In charge of the development of community outreach, relationship and partnership with both private and public organizations such as homeschool, public schools, private schools and environmetal organizations.

02/22/2007 02/28/2008 Marine Educator The Pier Aquarium

As a Marine Educator the responsibilities for this position include, Develop and implement classroom programs for local groups including schools and other non-profit education facilities. Create and implement special programs such as workshops and summer camps. Train other staff members on developed programs. Assist in the daily operations of the education department including aquarium classes, outreaches, public presentations, special events, as well as animal care duties. Other duties as assigned by the Education Manager/Director of Education. Participate in guest relations/interactions and perform public presentation. Assists Director of Education with program development, evaluation and marketing. Maintains supplies and equipment for public programs. Designs experiences and writes lesson plans for various on-site weekend public programs. Supervise and train all occasional instructors on animals and schedule appropriate staffing for Educational Programs, Summer Camp, Birthday Parties, Fish Schooling Programs, Ocean in Motion Program, and Boy and Girl Scout Workshops requests. Maintains resources and orders supplies, equipment and materials needed to deliver all onsite weekend public programs. Assist Director of Education in the development and distribution of marketing and promotional materials to potential new clients on/offsite. Research, develop and implement new ideas of program topics to be offered to the general public in the aquarium. Build and maintain positive communication with Aquarium Occasional Instructors. Assist Director of Education in the evaluation of weekend public programs. Work with other education and scientific staff to ensure successful and sustainable growth of department and of the aquarium. Monitor and improve customer service skills of staff. Responsible for constantly monitoring and evaluating ways of exceeding the Director sales goals in each of these areas. Report to Director of Education ways to improve and streamline the reservation process, staff communication and overall guest experience. Implement changes to supervisor to enhance efficiency and safety as well as to improve the quality of programming we provide to our guests.

The reason for leaving is because my husband found a job at the Miami International Airport and we are moving to Miami as soon as possible.

01/13/2006 02/21/2007 VPK teacher Maryad Preschool

As a VPK teacher I have a group of 10 to 14 students with ages between 4 and 5 years old. I prepare all the lesson plans for the classes, including activities to develop fine motor skills, gross motor skills, poetry and fingers plays, Math and Science projects and literacy development projects. The school is an academic preschool that means that all the teachers need to prepare all the students with the necessary skills to be capable to succeed in the school system. My duties was to ensure that all children are intellectually, emotionally, physically and socially ready to enter school and ready to

learn. Pre-K prepares children to be ready for school. Children who participate in high-quality early childhood education programs develop better language skills, score higher in school-readiness tests and have better social skills and fewer behavioral problems once they enter school. They are also better prepared for Kindergarten, especially in the areas of pre-reading, pre-math and social skills.

The School closed.

03/22/2004 12/31/2005 Scientific Staff The Pier Aquarium

I was in charge of maintain the highest level of quality of the aquariums public and exhibit image; that included daily husbandry and maintenance of exhibits providing appropriate and enriching habitats for the animals, working with life support in maintaining quality for all exhibits, works with staff and curator to ensure the highest standards for all animal health. Delivers extraordinary customer service to all aquarium guests and internal customers. Delivers day, evening and weekend public programs, including youth, family, adult and night programs such as weddings, receptions and others.

The reason of leavind was to work as a VPK teacher in a Preschool in Largo.

08/03/2001 01/31/2004 Science Teacher Santisima Trinidad College

I taught General Sciences to Eighth Grade students, Earth Sciences to Ninth Grade students, Biology to Tenth Grade students, Chemistry and Ichthyology to Eleventh Grade students and Physics to Twelfth Grade students. I prepared the schedule for the Courses including tests and laboratories. I was in charge of the graduation of ninth grade and twelfth Grade students; coordinating all the activities for Graduation and led fund raising efforts to finances the graduation ceremonies. I was also in charge of the Scientific Fair in the school.

The reason for living is because my husband and I moved to United States.

08/20/1996 12/31/1996 Sea Turtle Monitor volunteer Sea Grant Program

I was a volunteer for the Sea Grant Program searching for nests of marine turtles. I have to draw a map of the area indicating the exact location of the nest and which specie of marine turtles occupied the nest. I was responsible for monitoring the nests until the turtles were born and of writing a report explaining all the data including the conditions of the marine turtles.

It was a volunteer program for one semester.

Training -- None Indicated

Licenses & Certificates

Date Issued	Title	Issued By	Expiration Date
04/19/1996	Open Water Certification	NAUI International	
06/29/2000	Other License or Certification	NASBLA (Boating/Navigator)	

Additional Language Proficiency

Title	Speaking Prof.	Reading Prof.	Writing Prof.
Spanish	High	High	High
English	High	High	High

Memberships

Membership	Issue Date	Mandate	Mandate Position
Other Membership	03/20/2007	NMSEA	MEMBER

Honors & Awards -- None Indicated

Competencies -- None Indicated

Test Results -- None Indicated

Thank you for accepting my résumé for Full Time Recreation Leader (Naturalist) position at the Deering Estate at Cutler.

4) Jessica S. Cabral, Recreation Leader

Deering Estate at Cutler

Miami-Dade Parks and Recreation

(305) 235-1668 ext 242

Miamidade.gov/parks

¿Delivering Excellence Every Day¿

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.375 / Virus Database: 268.1.1/270 - Release Date: 2/27/2006

Jessica Cabral

8400 SW 133rd Avenue Road #420
Miami, FL 33183
(305) 388-2401 Home
(305) 342-7032 Mobile
594-22-2219

Skills and Certifications

Proficiency in Windows operating systems, such as Windows XP Professional, and in Microsoft Office programs including: Access, Excel, Outlook, PowerPoint, and Word

Type 45 wpm

Current certifications in First Aid, CPR, and Canoeing

Knowledge of South Florida¿s ecosystems, history, and archaeology

Strong customer service background

Experienced in public speaking

Employment

2004-2006 Recreation Leader (Naturalist) Part-Time
Miami-Dade Parks and Recreation, Deering Estate at Cutler Miami, FL
Primary duties in creating and conducting interpretive tours and presentations for a public audience. Additional responsibilities in ensuring public safety and delivering excellent customer service.

As a Recreation Leader, within the last 14 months I have developed nine new programs and presentations including: an art and architecture tour for adults; a series of themed birthday party programs for school-aged children; and a Mommy & Me program for pre-schoolers. In addition, I have created a computerized database of the park¿s group tour bookings for marketing purposes, and I have used Excel to compile, record, and analyze bird surveys from the last five years.

2000-2004 Reservations Sales and Services Representative
Delta Airlines Coral Gables, FL
Handled incoming passenger calls with the purpose of booking reservations, providing flight and fare information, and selling Delta Airlines¿ services.

Jessica Cabral

This job required a clear, pleasant speaking voice, the ability to multi-task, and exceptional time management. It also required extensive computer usage. By the time Delta officially converted our office to a new booking and flight information system in 2003, I had taught myself and had been using the program for more than two months. I was recruited by the Facilitation Department to help teach the new system to more than 500 employees during the conversion process.

1997-1999 Teller
South Florida Educational Federal Credit Union Miami, FL
Completed cash, check, and electronic transfers of funds, opened and closed accounts, and set up direct payroll disbursements.

Providing quality customer service while working quickly and accurately was essential at the Credit Union. At the end of each workday, after performing dozens of financial transactions totaling thousands of dollars, my cash drawer would consistently balance to the

penny.

1992-1997 Area Manager: Fine Jewelry, Watches, and Fashion Accessories
Mervyn¿s California Miami, FL
Responsibilities in personnel management including hiring, training, scheduling, and performance evaluation of up to 20 sales associates, with additional duties in merchandising and theft prevention. Performed and supervised point-of-sale transactions, special orders, ad set-up, freight processing, and sales-floor fill and recovery.

Before I became Area Manager, it took two to three employees several hours to place signage for the Sunday advertisement. By my following merchandising guidelines and preparing signs in advance, just one employee could set the ad within two hours. This left more time for merchandise fill-in and recovery and freed employees in my department to assist in other areas of the store as needed. This attention to detail, high productivity, and spirit of teamwork helped make my department a consistently top performer district-wide and improved my store¿s overall performance based on monthly sales reports and Mystery Shopper evaluations.

Education

1997 AA in Pre-Bachelor of Arts
Miami-Dade College Miami, FL
Honors and Distinction; College Honors Program; Outstanding Academic Achievement Award; Dean¿s List

JORGE ZAMANILLO
16201 SW 87 Court
Miami, Fl. 33157

home (786) 573-0455
office (305) 375-1613

Board Member of the City of Miami Historical and Environmental Preservation Board from May 2000-October 2003.

-Experience includes reviewing applications for major use special permits for archaeological projects within the City of Miami including the One Miami development.

Professional Experience

Historical Museum of Southern Florida **November 2000-present**
Curator of Object Collections: Responsible for the acquisition, care and handling of all 3-dimensional objects, along with exhibition responsibilities with other curators. Involved in design, research, and construction of exhibits. Responsible for archaeological collections.

Archaeological and Historical Conservancy, Inc. **February 1988-October 2000**
Archaeologist: Field director in charge of archaeological excavations, surveys, mapping, photography, and supetvision of field crew .

Projects included: Excavations and research at the Miami Circle site in downtown Miami and over 30 archaeological surveys within the City of Miami

Researcher/Writer: Responsible for researching and documenting information concerning archaeological sites and Florida history, and writing and editing reports, grants, and proposals.

Project Manager: In chatge of directing projects from inception to completion. Tasks included directing staff, coordinating and attending relevant project meetings and review of all projects for sufficiency and compliance.

Education

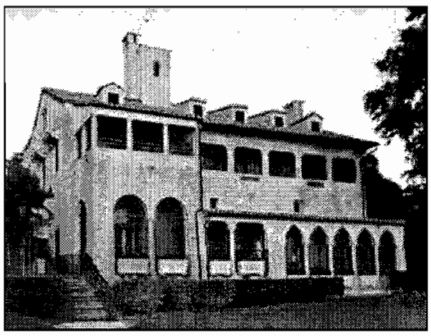
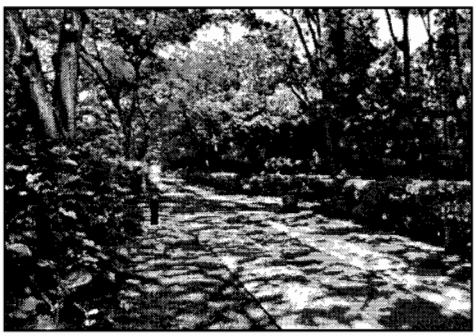
Florida State University, Tallahassee, Fl.
B.A. Anthropology/minor in History, 1991

Miami-Dade Community College, Miami, Fl.
A.A. General Studies/Music, 1989

Miami Senior High School, Miami, Fl.
High School Diploma, 1987

Foreign languages: Fluent in Spanish

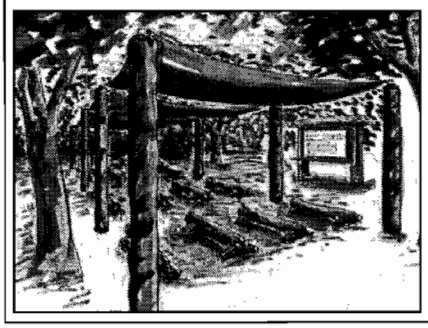
Affiliations: Florida Anthropological Society, Archaeological Society of Southern Florida, American Anthropological Association

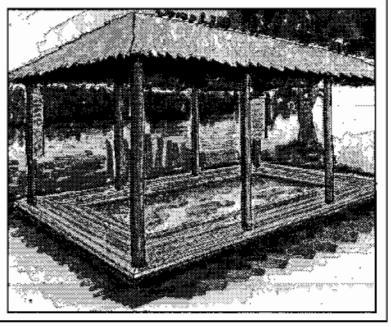



Stepping Through Time:
Tracing the Archeological Footsteps of the Tequesta

Appendix B

Letters of Commitment





Archaeological and Historical Conservancy, Inc.
4800 S.W 64th Ave, Suite 107 Davie, FL 33314
Phone: 954-792-9776 Fax: 954-792-9954
Email: archlgcl@bellsouth.net Web: www.flarchaeology.com

January 28, 2009

Implementation Grants: America's Historical and Cultural Organizations
Division of Public Programs, National Endowment for the Humanities
Room 426
1100 Pennsylvania Avenue, N.W.
Washington, D.C. 20506

Re: NEH Grant Application from The Deering Estate at Cutler, Miami-Dade County Park and Recreation Department

Dear NEH Grant Review Panel:

We strongly support the grant proposal submitted by Miami-Dade County, Deering Estate Park at Cutler. Widely enjoyed by residents throughout the County and tourists from out of state and abroad, the Deering Estate at Cutler (Estate) embodies the best of cultural, historical, and nature-based tourism and community education. If awarded, funds from the National Endowment for the Humanities will help the Park facilitate substantial enhancements to its existing archaeological resources, interpretive programs, and curriculum.

The purpose of the proposed project is to deepen the public's understanding of Florida's and our nation's archaeological and historical past. Enhancements involve broadening responsible public access to the Estate's three archaeologically sensitive sites, creating onsite interpretive exhibits in which previous dig findings will be introduced, and improving the overall educational programming offered by the Estate in the field of archaeology.

As a partner, the Archaeological and Historical Conservancy will serve as designer and lead consultant for the mock archaeological dig site. The interpretive program will include two thatch roofed dig pits, 2m x 6m; graphic panels using zoomorphic motifs and decorative patterns associated with Tequesta culture and aesthetic; thatched message board kiosk; log benches with carved bases for outdoor classroom to accommodate 36 students; and a carved pole supported canvas top shelter for seating.

AHC staff will additionally provide expertise on an interpretive exhibit to complement overall *Stepping Through Time: Tracing the Archaeological Footsteps of the Tequesta* program. The AHC has a long history of discovery and documentation of Deering Estate's archaeological sites. Beginning in 1985 with the discovery of the Cutler Fossil site to subsequent surveys across the Estate, we have partnered with the County to insure site protection balanced with public access. This grant will complete our public commitment by interpreting the Estate's rich archaeological heritage and creating educational experiences.

This project will offer a tremendous and lasting benefit to the South Florida community. It will significantly raise awareness to our community's history and archaeological resources, while

broadening community participation in unique, meaningful, and learning experiences not otherwise available.

I eagerly endorse the project and urge your support.

Sincerely,

Robert S. Carr
Executive Director

FLORIDA PUBLIC ARCHAEOLOGY NETWORK

WWW.FLPUBLICARCHAEOLOGY.ORG

Southeast Region
Florida Atlantic University
111 East Las Olas Blvd.
Suite AT817
Ft. Lauderdale, FL. 33301
Dr. Michele Williams
Dr. Kira Kaufmann
serpca@fau.edu
Phone 954-762-5174
Fax 954-762-5122

Coordinating Center

Dr. William Lees
Executive Director
wlees@uwf.edu
Phone 850-595-0051

Regional Centers

Central Region
Richard Estabrook
restabro@cas.usf.edu

East Central Region
Dr. Rachel Wentz
wentzr@brevardcc.edu

Northeast Region
Sarah Miller
semiller@flagler.edu

Northwest Region
Dr. Della Scott-Ireton
dscottireton@uwf.edu

West Central Region
Jeff Moates
jmoates@cas.usf.edu

January 21, 2009

Implementation Grants: America's Historical and Cultural Organizations
Division of Public Programs
National Endowment for the Humanities
Room 426
1100 Pennsylvania Avenue, N.W.
Washington, D.C. 20506

Re: NEH Grant Application from The Deering Estate at Cutler, Miami-Dade County Park and Recreation Department; CFDA # 45.164; Opportunity # 20090128-GI

Dear NEH Grant Review Panel:
It is with pleasure that we tender this letter of support for the aforementioned grant proposal submitted by Miami-Dade County, Deering Estate at Cutler. If awarded, funds from the National Endowment for the Humanities will help the Estate facilitate substantial enhancements to its existing Archeological resources, interpretive programs, and curriculum
The purpose of the proposed project is to deepen the public's understanding of Florida's and our nation's archaeological and historical past. Enhancements involve broadening responsible public access to the Estate's three archeologically sensitive sites, creating onsite interpretive exhibits highlights excavation results, and improving the overall public archaeology programming offered by the Estate.
As an ongoing education programming partner, the Southeast Regional Office of the Florida Public Archaeology Network agrees to assist with public education and interpretation efforts at the Deering Estate. Existing relations between both entities are strong. Previous collaborative efforts involved assistance with youth archaeological education programs and discussion with the Deering Estate staff about the significance of their archaeological resources in the understanding of Florida prehistory.
This project will offer a tremendous and lasting benefit to the South Florida community. We eagerly endorse the project and urge your support.

Sincerely,

Michele Williams

Michele Williams, PhD, RPA
Director, Terrestrial Archaeologist
Southeast Region
Florida Public Archaeology Network
111 East Las Olas Blvd; Suite AT817
Ft. Lauderdale, FL 33301
(954) 762-5174
mwill167@fau.edu

January 23, 2009

Implementation Grants: America's Historical and Cultural Organizations
Division of Public Programs
National Endowment for the Humanities
Room 426
1100 Pennsylvania Avenue, N.W.
Washington, D.C. 20506
202-606-8269

Re: NEH Grant Application from the Deering Estate at Cutler, Miami-Dade County Park and Recreation Department

Dear NEH Grant Review Panel:

Please accept this letter of support for the grant proposal submitted by Miami-Dade County, Deering Estate at Cutler. The Deering Estate at Cutler (Estate) embodies the best of cultural, historical, and nature-based tourism and community education. If awarded, funds from the National Endowment for the Humanities will help the Estate facilitate substantial enhancements to its existing archeological resources, interpretive programs, and curriculum

The purpose of the proposed project is to deepen the public's understanding of Florida's and our nation's archaeological and historical past. Enhancements involve broadening responsible public access to the Estate's three archeologically sensitive sites, creating onsite interpretive exhibits in which previous dig findings will be introduced, and improving the overall educational programming offered by the Estate in the field of archeology.

The Historical Museum of Southern Florida supports the proposed enhancements and is available as a resource for research and input during the planning and implementation stages of the project. Interpretation of the cultural resources on the Estate grounds will greatly enhance the existing visitor experience. This project will also offer a lasting benefit to the South Florida community. It will significantly raise awareness to our region's history and archeological resources, while broadening community participation in unique, and meaningful, learning experiences.

Sincerely,

Jorge Zamanillo
Curator of Object Collections

Chair
Dr. Edmund I. Parnes

Vice Chair
Dr. Michael N. Rosenberg

Secretary
Carolina Rendeiro

Treasurer
Faith Mesnekoff

At Large Representative
Robert L. Parks

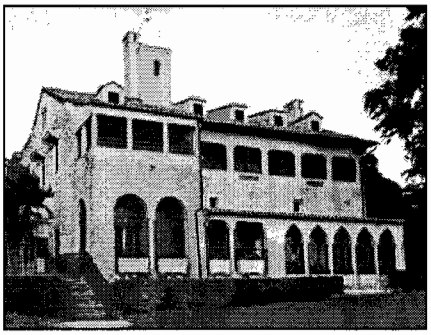
Past Chair
Dennis M. Campbell

Pedro A. Fernandez
William T. Gallagher
Joel S. Gordon
Kenneth M. Gordon
Sara M. Gutiérrez-Hernandez
Phillip Hudson III
Douglas D. Jolly
Jorge Luis Lopez
Leslie J. Lott
Donald Lutton
Laura Pincus
Maria M. Ruiz
Francis X. Sexton
Hon. Scott J. Silverman
Hon. Donald D. Slesnick II
Libby J. Smith
Ricardo Taño Feijoó
Mark A. Trowbridge
Ellen J. Uguccioni
Raul G. Valdés-Faúli, Jr.

President/CEO
Robert H. McCammon

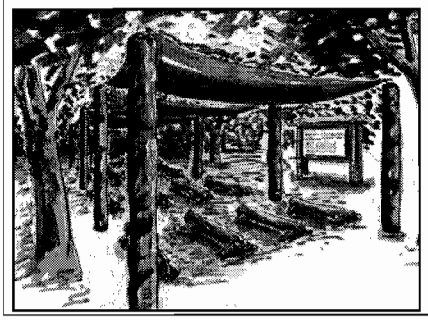
Founded in 1940

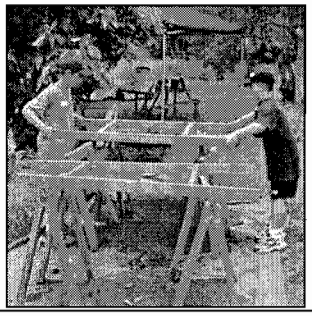
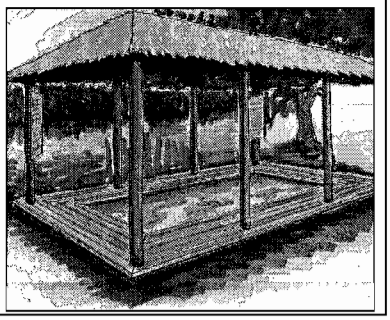
Accredited by the American Association of Museums



Stepping Through Time:
Tracing the Archeological Footsteps of the Tequesta

Appendix C
Bibliography of Sources



Appendix C: Bibliography of Sources

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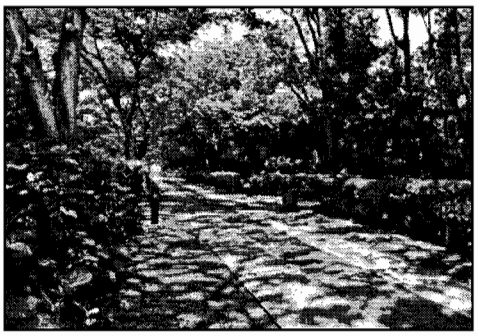
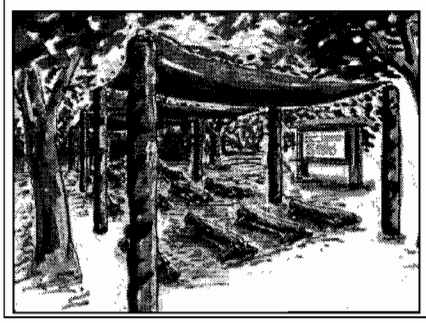
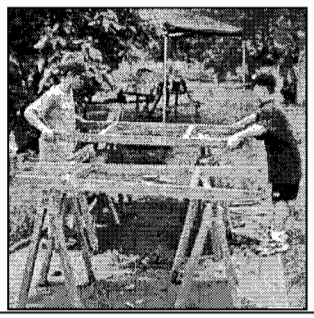
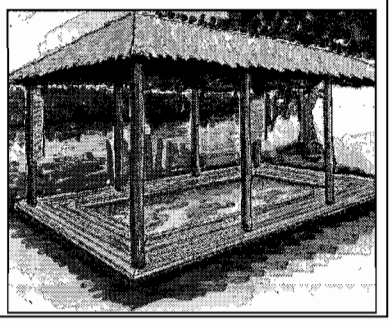


Stepping Through Time:
Tracing the Archeological Footsteps of the Tequesta

Appendix D
List of Objects



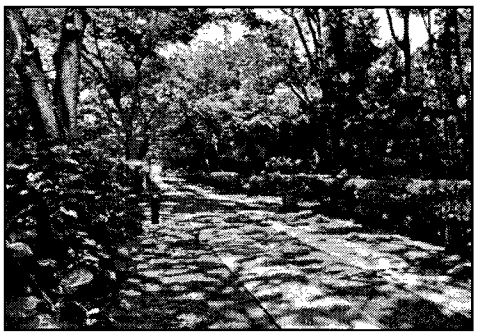
Appendix D: List of Objects

The following 14 pieces are currently found onsite at the Deering Estate at Cutler and will be incorporated into the proposed exhibit.

- Pleuroploca gigantean – Horse Conch – Hammer
- Pleuroploca gigantean – Horse Conch – Columella Hammer
- Pleuroploca gigantean – Horse Conch – Columella Cutting Tool
- Pleuroploca gigantean – Horse Conch – Columella Cutting Edge Tool/Gauge
- Pleuroploca gigantean – Horse Conch – Chisel
- Busycon sinistrum- Pear Welk- Blank
- Busycon sinistrum-Pear Welk Dipper
- Strambus gigas – Queen Conch – Blank
- Strambas gigas - Queen Conch-Celts
- Strambas gigas - Queen Conch-Hand Tools
- Busycon sinistrum - Pear Welk-Columellae Drills - Leather Working Tools
- Odocoileus virginianus (?) - Metapodial (toe) Bone Points – Leather Working Tools
- Fauna Bone - Assorted (will provide better quality material)
- Pottery pieces belonging to different horizons (will provide better quality material)

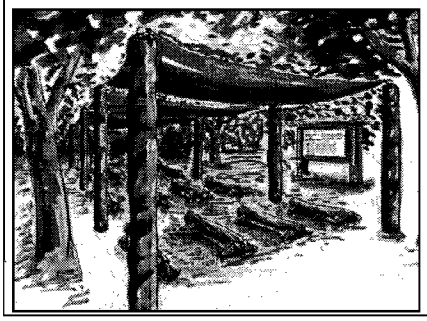
The following objects currently held at the Historical Museum of South Florida and will be incorporated into the proposed exhibit through reproduction or photographic depiction.

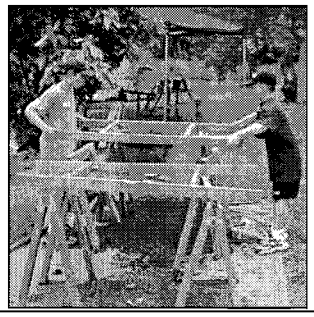
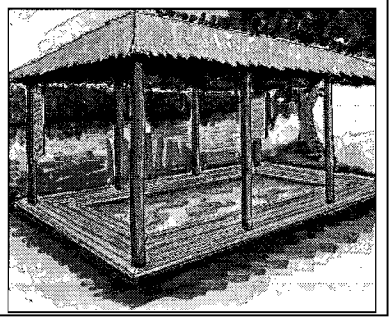
- HUMAN SKULL FRAGMENT / PALEO-INDIAN / FROM THE CUTLER FOSSIL SITE (Oldest known human remains in South Florida as per ID Tag - Deering Hospital Exhibit)
- HUMAN SKULL FRAGMENT / PALEO-INDIAN / FROM THE CUTLER FOSSIL SITE (Oldest known human remains in South Florida as per ID Tag - Deering Hospital Exhibit)
- HUMAN SKULL FRAGMENT / PALEO-INDIAN / FROM THE CUTLER FOSSIL SITE (Oldest known human remains in South Florida as per ID Tag - Deering Hospital Exhibit)
- HUMAN SKULL FRAGMENT / PALEO-INDIAN / FROM THE CUTLER FOSSIL SITE (Oldest known human remains in South Florida as per ID Tag - Deering Hospital Exhibit)
- HUMAN SKULL FRAGMENT / PALEO-INDIAN / FROM THE CUTLER FOSSIL SITE (Oldest known human remains in South Florida as per ID Tag - Deering Hospital Exhibit)
- DIRE WOLF TOOTH / CUTLER FOSSIL SITE (As per ID Tag - Deering Hospital Exhibit)
- BOAR TOOTH / CUTLER FOSSIL SITE (As per ID Tag - Deering Hospital Exhibit)
- PLESISTOCENE HORSE BONE FROM THE CUTLER FOSSIL SITE (As per ID Tag - Deering Hospital Exhibit)
- TEQUESTA INDIAN SHELL CELT (As per ID Tag - Deering Hospital Exhibit)
- TEQUESTA INDIAN SHELL CELT USED FOR MAKING WOODEN CANOES (As per ID Tag - Deering Hospital Exhibit)
- TEQUESTA BUSYCON ADZE (As per ID Tag - Deering Hospital Exhibit)



Stepping Through Time:
Tracing the Archeological Footsteps of the Tequesta

Appendix E
Description of Project-based Collections or Archives



Appendix E: Description of Project-based Collections or Archives (Appendix E)

The Deering Estate at Cutler Archeological Collection

In 1979, the Cutler Fossil site was recorded by the Miami-Dade County Preservation Division and at that time, no systematic archaeological survey had been conducted on any part of the Deering Estate at Cutler. The Cutler Fossil site, located on the Estate, contained the fossilized remains from now extinct animals including peccaries, mammoths, sloths, dire wolves, and saber tooth tigers dating back 100,000 years. This site also contained fossilized remains of early inhabitants who occupied the lands of the Deering Estate. Most of these sensitive artifacts were carefully excavated in 1986 and are part of archive collections at the Historical Museum of Southern Florida and the Florida Museum of Natural History in Gainesville.

The Deering Estate at Cutler only maintains a small collection of original artifacts on site. Very soon after renovations were completed to open the Estate to the public in 1992, the Estate was severely damaged by Hurricane Andrew. All sensitive art, furnishings, documents, photographs, and artifacts had been moved to appropriate museum storage facilities elsewhere in the County. Once the Estate re-opened to the public in 1999, only a small collection of these items were returned. Over time, original pieces have made their way back to the Estate by permanent transfer or our interagency loan programs. The list below represents those items specific to the Deering Estate at Cutler that we propose be included in the interpretive and educational exhibits at this time.

The objects, images, and documents presently held on site that will be included in the exhibit and education/programs include:

- *Pleuroploca gigantea* – Horse Conch – Hammer
- *Pleuroploca gigantea* – Horse Conch – Columella Hammer
- *Pleuroploca gigantea* – Horse Conch – Columella Cutting Tool
- *Pleuroploca gigantea* – Horse Conch – Columella Cutting Edge Tool/Gauge
- *Pleuroploca gigantea* – Horse Conch – Chisel
- *Busycon sinistrum* - Lightening whelk - Blank
- *Busycon sinistrum* - Lightening whelk - Dipper
- *Strombus gigas* – Queen Conch - Blank
- *Strombas gigas* - Queen Conch - Celts
- *Strombas gigas* - Queen Conch - Hand Tools
- *Busycon sinistrum* - Pear Welk - Columellae Drills - Leather Working Tools
- *Odocoileus virginianus* - Metapodial (toe) Bone Points – Leather Working Tools
- *Faunal Bone* - Assorted
- Pottery pieces belonging to different horizons

Reproductions of artifacts originally held on the Estate but subsequently de-accessioned on March 24, 2004 to the Historical Museum of South Florida.

- Request Photo Image of Human Skull Fragment / Paleo-Indian / From the Cutler Fossil Site (Oldest Known Human Remains in South Florida)
- Request Photo Image of Human Skull Fragment / Paleo-Indian / From the Cutler Fossil Site
- (Oldest Known Human Remains in South Florida)
- Request Photo Image of Human Skull Fragment / Paleo-Indian / From the Cutler Fossil Site
- (Oldest Known Human Remains in South Florida)
- Request Photo Image of Human Skull Fragment / Paleo-Indian / From the Cutler Fossil Site
- (Oldest Known Human Remains in South Florida)

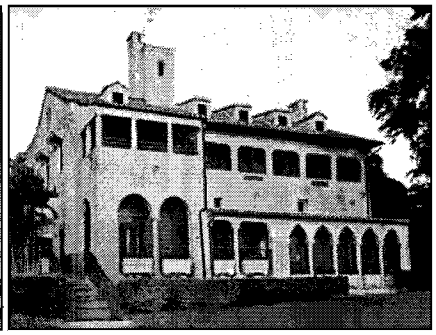
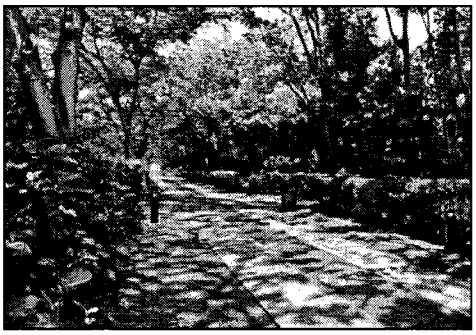
- Request Photo Image of Human Skull Fragment / Paleo-Indian / From the Cutler Fossil Site
- (Oldest Known Human Remains in South Florida)
- Request Artifact Reproduction of Dire Wolf Tooth / Cutler Fossil Site
- Request Artifact Reproduction of Boar Tooth / Cutler Fossil Site
- Request Artifact Reproduction of Plesistocene Horse Bone from The Cutler Fossil Site Request Artifact Reproduction of Tequesta Indian Shell Celt
- Request Artifact Reproduction of Tequesta Indian Shell Celt Used For Making Wooden Canoes Request Artifact Reproduction of Tequesta Busycon Adze

Included reference list of historical documents:

Document reproduction. January 23, 1568. Letter of Brother Francisco de Vallarreal to Father Juan Rogel sited in Ugaarte, Ruben Vargas. "First Jesuit Mission in Florida." Hisotrical Records and Studies 25 (1935): 75-79 Translation edited by Eugene Lyon.

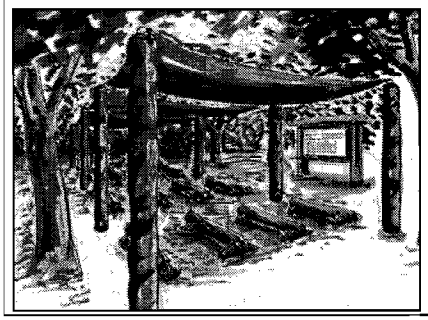
Photo reproduction. 1986. Series of 45 photos taken from the Cutler Fossil Site excavation. These photos chronical the process and the artifacts found.

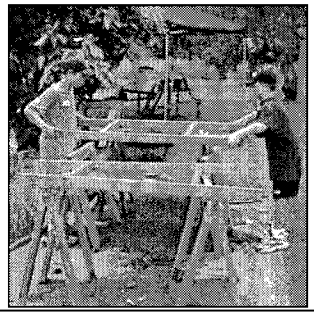
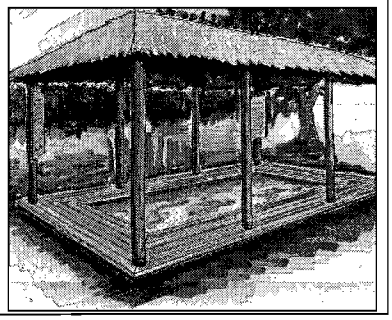
1992. Carr, Robert S. Excerpts from "An Archaeological Survey and Assessment (Phase I and II) of the Charles Deering Estate Park," conducted for Miami-Dade County Park and Recreation Department by the Miami Dade County Historic Preservation Divisions and The Archeological and Historical Conservancy, Inc. Miami Dade County, Florida.

Stepping Through Time:
Tracing the Archeological Footsteps of the Tekesta

Appendix F
Mock Archeological Dig Site Proposal



Archaeological and Historical Conservancy
4800 SW 64th Ave, Suite 107 Davie FL 33314
954-792-9776 Fax. 954-792-9954

December 15, 2008

Jennifer Tisthammer
Exhibits and Collections
Deering Estate at Cutler
16701 SW 72 Avenue
Palmetto Bay, FL 33157

Dear Jennifer,

Attached are three renderings of the components we propose for the mock archaeological dig site. Not shown in the drawings are the carved surfaces. These will be designed using zoomorphic motifs and decorative patterns associated with Tequesta culture and aesthetics.

The projected costs—including design, fabrication, and installation—are as follows:

1. 2 canvas-roofed dig pits, 2m x 6m workspace, with 4 graphics panels:	$31,600
2. Thatched message board kiosk, whiteboard on one side:	$ 5,300
3. Log benches with carved bases to accommodate 36 students:	$ 4,400
4. Carved pole-supported canvas-top shelter for seating:	$12,100
Total:	$53,400

Optional or contingent expenses:

5. Optional graphic panel on the reverse side of the message board:	add $2,400
6. If the purchase of fossil replicas is required:	add $2,200-$5,000

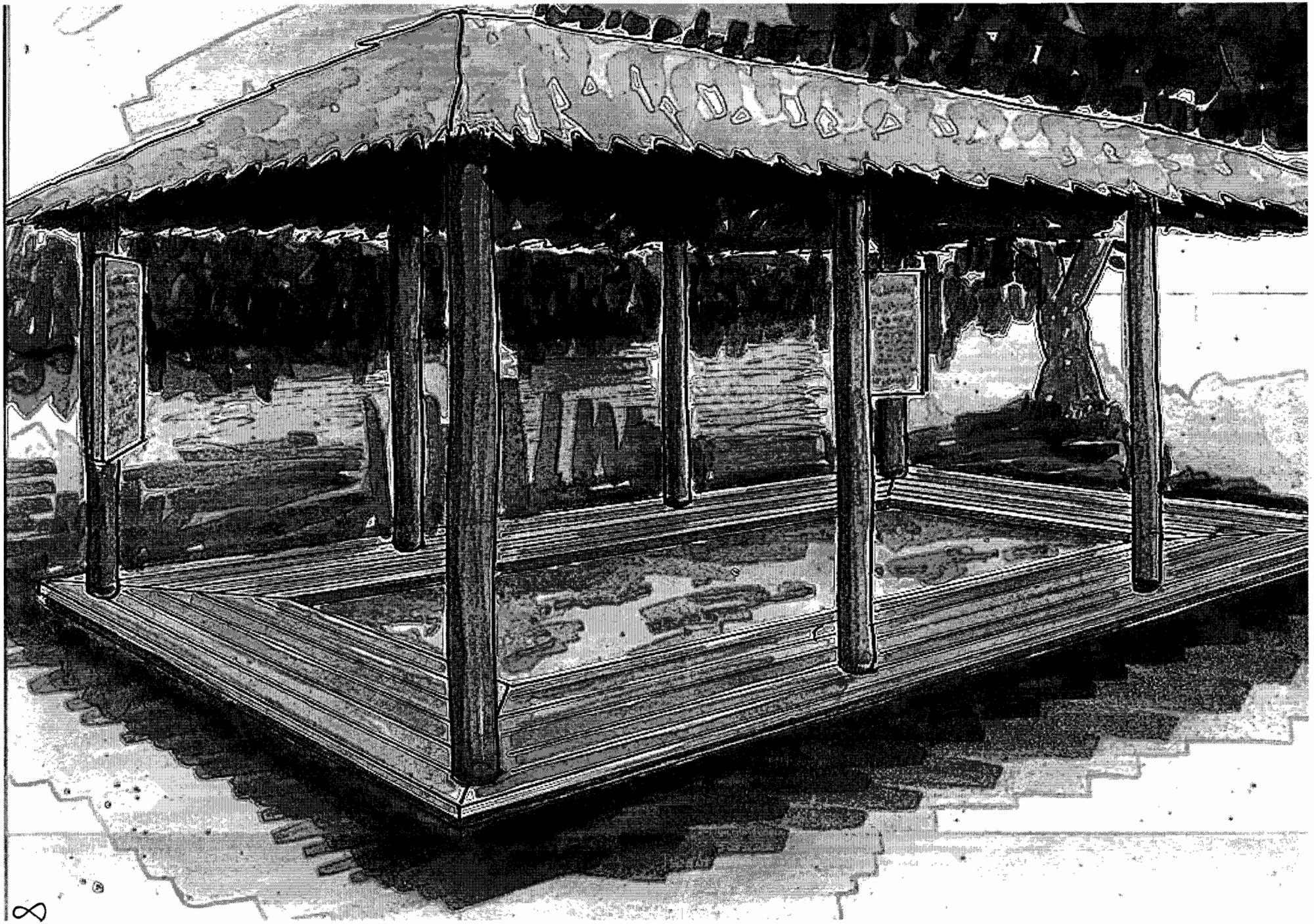
Please let us know if you have any questions.

Sincerely,

Robert S. Carr
Executive Director

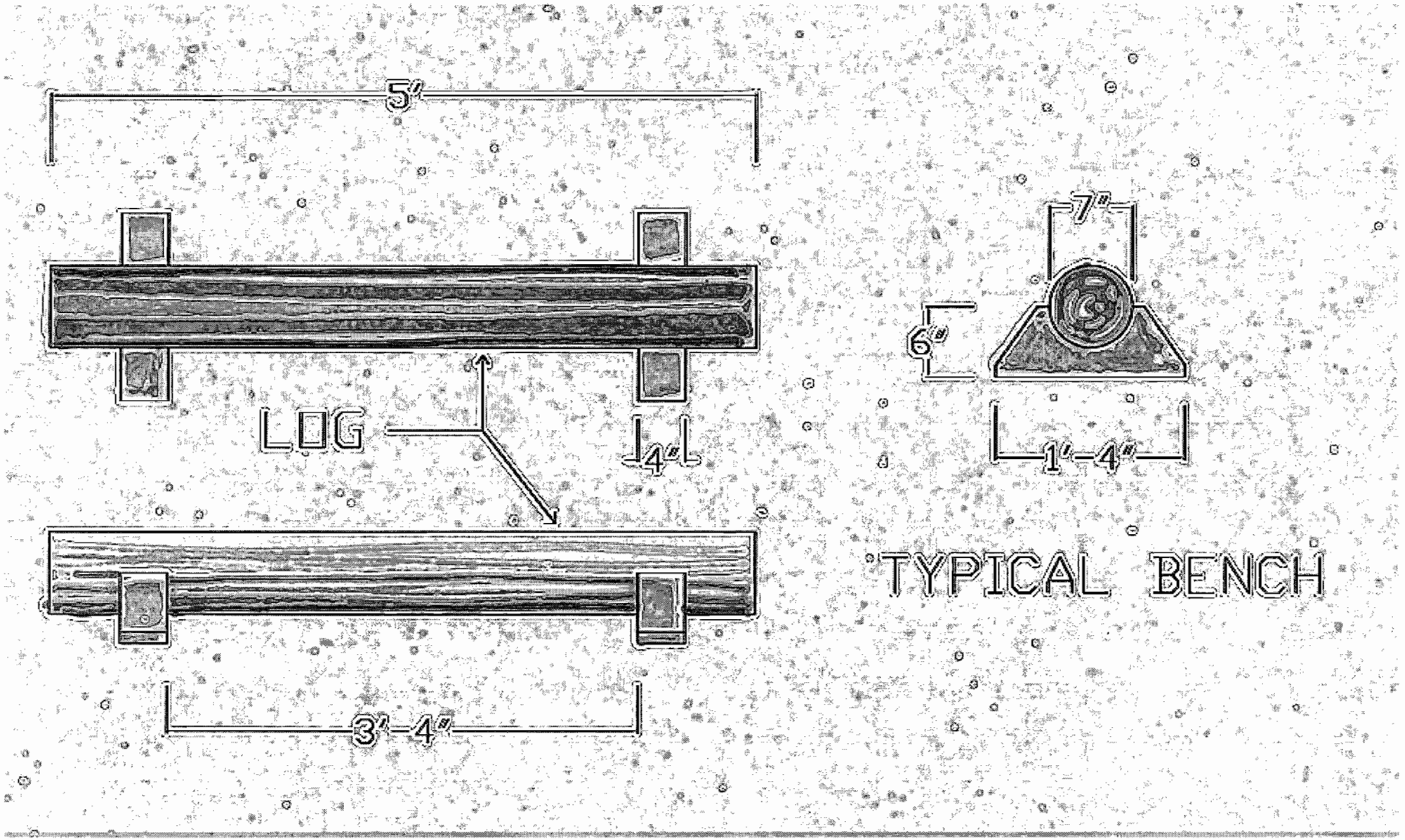
Attachment 1: Sheltered dig pit
Attachment 2: Sheltered seating and message board kiosk
Attachment 3: Bench construction detail

Attachment 1: Sheltered dig pit



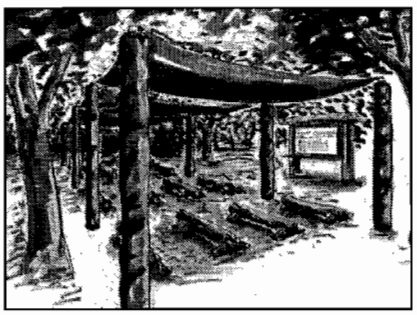
Attachment 2: Sheltered seating and message board kiosk

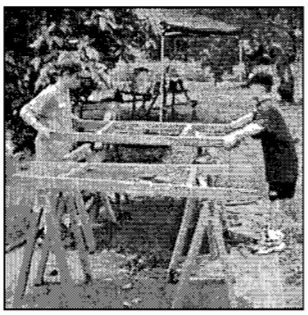
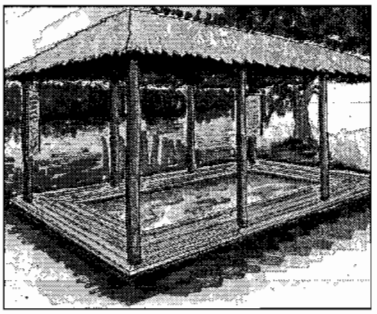
Attachment 3: Bench construction detail



Stepping Through Time:
Tracing the Archeological Footsteps of the Tequesta

Appendix G
Optional Budget



YEAR ONE

APPLICANT: Miami-Dade County Park and Recreation - The Deering Estate at Cutler

GRANT TITLE: Stepping Through Time: Tracing the Archeological Footsteps of the Tequesta

PERFORMANCE PERIOD: Sept. 1, 2009 thru Aug. 31, 2010

Object Class Categories	FEDERAL SHARE	MATCH	TOTAL PROJECT
Personnel			
Jessica Cabral - Interpretive Exhibit Coordinator @ .30 FTE	8,081	0	8,081
Andres de la Silviera - Naturalist @ .05 FTE	0	1,126	1,126
Max Pearl - Docent Coordinator @ .05 FTE	0	1,010	1,010
Ernest Lent - Naturalist @ .10 FTE	0	3,513	3,513
James Lee - Naturalist @ .05 FTE	0	1,347	1,347
Yoelly Burgos - Education Coordinator @ .30 FTE	0	7,903	7,903
Elias Horna - Naturalist @ .05 FTE	0	1,010	1,010
Jennifer Tisthammer - Project Manager @ .20 FTE	0	16,161	16,161
TOTAL PERSONNEL	**$8,081**	**$32,070**	**$40,151**
Fringe Benefits			
FICA (.062 x FTE Salary)	$501	$1,988	$2,489
MICA (.0145 x FTE Salary)	$117	$465	$582
Retirement (.0985 x FTE Salary)	$796	$3,159	$3,955
Group Life (.003024 x FTE Salary)	$24	$97	$121
Flex Dollars ($1,100/person x FTE)	$330	$1,760	$2,090
Health Plan ($8,000/person x FTE)	$2,400	$14,000	$16,400
TOTAL FRINGE BENEFITS	**$4,169**	**$21,470**	**$25,638**
Non-Personnel			
Travel Costs:			
	$0	$0	$0
Equipment:			
Living Classroom Materials	$0	$2,500	$2,500
Archeological Tools and Equipment	$0	$5,000	$5,000
Display Cases	$0	$5,500	$5,500
Consultant Fees:			
Boardwalk: Architect, Consultant, Construction Manager	$35,000	$0	$35,000
Mock Archelogical Dig Site: Design, Architect, Consultant, Proj Mgr	$18,000	$0	$18,000
Services:			
Research/Media E-Learning	$4,000	$0	$4,000
Other:			
Facilities Rental, Security and Maintenance	$0	$25,500	$25,500
Artifact Reproductions	$0	$10,500	$10,500
Exhibit Panel Productioin	$0	$2,500	$2,500
TOTAL NON PERSONNEL	**$57,000**	**$51,500**	**$108,500**
Total Direct Charges	$69,249	$105,040	$174,289
Indirect Charges	$0	$0	$0
TOTAL PROJECT COSTS	**$69,249**	**$105,040**	**$174,289**
	39.7%	60.27%	100%

YEAR TWO

APPLICANT: Miami-Dade County Park and Recreation - The Deering Estate at Cutler

GRANT TITLE: Stepping Through Time: Tracing the Archeological Footsteps of the Tequesta

PERFORMANCE PERIOD: Sept. 1, 2010 thru Aug. 31, 2011

Object Class Categories	FEDERAL SHARE	MATCH	TOTAL PROJECT
Personnel			
Jessica Cabral - Interpretive Exhibit Coordinator @ .30 FTE	8,727	0	8,727
Andres de la Silviera - Naturalist @ .05 FTE	0	1,216	1,216
Max Pearl - Docent Coordinator @ .05 FTE	0	1,091	1,091
Catherine Ferreira - Marketing Coordinator @ .20 FTE	0	11,327	11,327
Ernest Lent - Naturalist @ .10 FTE	0	3,794	3,794
James Lee - Naturalist @ .05 FTE	0	1,455	1,455
Yoelly Burgos - Education Coordinator @ .30 FTE	0	8,536	8,536
Elias Horna - Naturalist @ .05 FTE	0	1,091	1,091
Jennifer Tisthammer - Project Manager @ .20 FTE	0	17,454	17,454
TOTAL PERSONNEL	**$8,727**	**$45,963**	**$54,690**
Fringe Benefits			
FICA (.062 x FTE Salary)	$541	$2,850	$3,391
MICA (.0145 x FTE Salary)	$127	$666	$793
Retirement (.0985 x FTE Salary)	$860	$4,527	$5,387
Group Life (.003024 x FTE Salary)	$26	$139	$165
Flex Dollars ($1,100/person x FTE)	$330	$1,100	$1,430
Health Plan ($8,000/person x FTE)	$2,400	$15,600	$18,000
5% Projected Annual Increase	$214	$1,244	$1,458
TOTAL FRINGE BENEFITS	**$4,498**	**$26,127**	**$30,625**
Non-Personnel			
Travel Costs:			
	$0	$0	$0
Equipment:			
Living Classroom Materials	$0	$2,500	$2,500
Archeological Tools and Equipment	$0	$5,000	$5,000
Boardwalk: Reconstruction Materials	$115,000	$0	$115,000
Mock Archelogical Dig Site: Reconstruction Materials	$51,400	$0	$51,400
Consultant Fees:			
Boardwalk: Architect, Consultant, Construction Manager	$20,000	$0	$20,000
Mock Archelogical Dig Site: Design, Architect, Consultant, Proj Mgr	$12,000	$0	$12,000
Services:			
Research/Media E-Learning	$8,000	$0	$8,000
Other:			
Facilities Rental, Security and Maintenance	$0	$25,500	$25,500
Artifact Reproductions	$0	$2,500	$2,500
Exhibit Panel Design and Construction	$0	$1,000	$1,000
TOTAL NON PERSONNEL	**$206,400**	**$36,500**	**$242,900**
Total Direct Charges	$219,625	$108,590	$328,215
Indirect Charges	$0	$0	$0
TOTAL PROJECT COSTS	**$219,625**	**$108,590**	**$328,215**
	66.9%	33.08%	100%

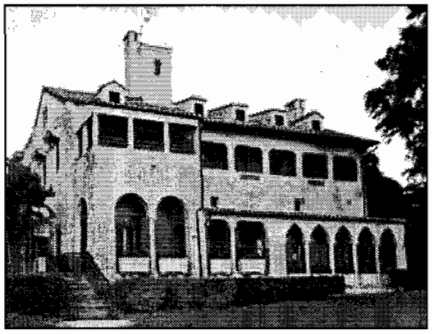
ALL YEARS

APPLICANT: Miami-Dade County Park and Recreation - The Deering Estate at Cutler

GRANT TITLE: Stepping Through Time: Tracing the Archeological Footsteps of the Tequesta

PERFORMANCE PERIOD: Sept. 1, 2009 thru Aug. 31, 2011

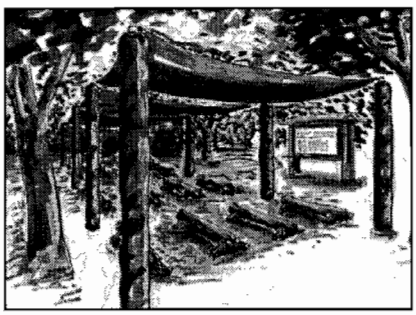
Object Class Categories	FEDERAL SHARE	MATCH	TOTAL PROJECT
Personnel			
Jessica Cabral - Interpretive Exhibit Coordinator @ .30 FTE x 2 yrs	$16,808	$0	$16,808
Andres de la Silviera - Naturalist @ .05 FTE x 2 yrs	$0	$2,342	$2,342
Max Pearl - Docent Coordinator @ .05 FTE @ 2 yrs	$0	$2,101	$2,101
Ernest Lent - Naturalist @ .10 FTE x 2 yrs	$0	$7,306	$7,306
James Lee - Naturalist @ .05 FTE x 2 yrs	$0	$2,801	$2,801
Yoelly Burgos - Education Coordinator @ .30 FTE x 2 yrs	$0	$16,439	$16,439
Elias Horna - Naturalist @ .05 FTE x 2 yrs	$0	$2,101	$2,101
Jennifer Tisthammer - Project Manager @ .20 FTE x 2 yrs	$0	$33,616	$33,616
Catherine Ferreira - Marketing Coordinator @ .20 FTE x 1 yr	$0	$11,327	$11,327
TOTAL PERSONNEL	**$16,808**	**$78,033**	**$94,841**
Fringe Benefits			
FICA (.062 x FTE Salary)	$1,042	$4,838	$5,880
MICA (.0145 x FTE Salary)	$244	$1,131	$1,375
Retirement (.0985 x FTE Salary)	$1,656	$7,686	$9,342
Group Life (.003024 x FTE Salary)	$51	$236	$287
Flex Dollars ($1,100/person x FTE)	$660	$2,860	$3,520
Health Plan ($8,000/person x FTE)	$4,800	$29,600	$34,400
5% Projected Annual Increase	$214	$1,244	$1,458
TOTAL FRINGE BENEFITS	**$8,666**	**$47,596**	**$56,263**
Non-Personnel			
Travel Costs:			
	$0	$0	$0
Equipment:			
Living Classroom Materials	$0	$5,000	$5,000
Archeological Tools and Equipment	$0	$10,000	$10,000
Display Cases	$0	$5,500	$5,500
Boardwalk: Reconstruction Materials	$115,000	$0	$115,000
Mock Archelogical Dig Site: Reconstruction Materials	$51,400	$0	$51,400
Consultant Fees:			
Boardwalk: Architect, Consultant, Construction Manager	$55,000	$0	$55,000
Mock Archelogical Dig Site: Design, Architect, Consultant, Proj Mgr	$30,000	$0	$30,000
Services:			
Research/Media E-Learning	$12,000	$0	$12,000
Other:			
Facilities Rental, Security and Maintenance	$0	$51,000	$51,000
Artifact Reproductions	$0	$13,000	$13,000
Exhibit Panel Productioin	$0	$3,500	$3,500
TOTAL NON PERSONNEL	**$263,400**	**$88,000**	**$351,400**
Total Direct Charges	$288,874	$213,629	$502,504
Indirect Charges	$0	$0	$0
TOTAL PROJECT COSTS	**$288,874**	**$213,629**	**$502,504**
	57.5%	42.51%	100%

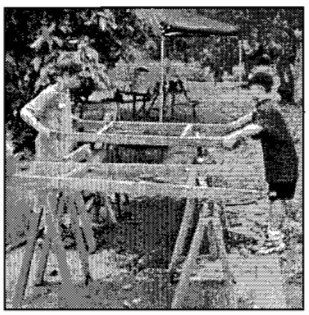
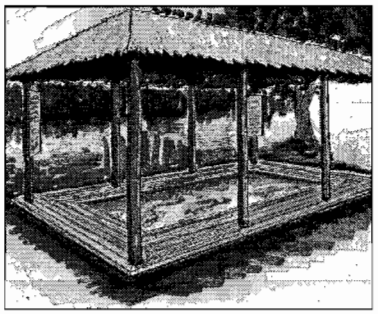


Stepping Through Time:
Tracing the Archeological Footsteps of the Tequesta

Appendix H

Samples of Digitized Archives and Brochures



Appendix H: Sample of Digitized Archives and Brochures

Four samples of photo and document archives, exhibit panels and interpretive brochures for four on-site exhibits: Charles Deering, Ramon Casas, Maricel & Tamarit, and Historic Houses are described in this attachment.

PHOTO/DOCUMENT ARCHIVES: ANCESTRAL PORTRAITS OF THE DEERING ESTATE AT CUTLER

Left to Right: Two photo portraits of Charles Deering in the United States Navy; Photo Profile of Charles Deering

Left to Right: Possible Sergeant Sketch of Charles Deering; General Whipple by Charles Deering; Portrait by Charles Deering

CHARLES DEERING

(1852-1927)

Charles Deering was a Chicago industrialist and half-brother to James Deering, the builder of Vizcaya in Miami. He graduated from the U.S. Naval Academy and served as an officer in the Navy for eight years before following his father and brother into the world of Chicago commerce. He served as Secretary of Deering Harvester Company and later became the first Chairman of the Board of International Harvester Company, one of the world's largest farming equipment manufacturers for much of the twentieth century.

Deering was an important benefactor of the Art Institute of Chicago, Wesley Memorial Hospital (now Northwestern Memorial Hospital), and Northwestern University (where a library on the Evanston campus bears his name). A passionate art collector, he established residences on two continents to house one of the finest private art collections in North America. And he was an ardent supporter of environmental preservation in Florida, funding botanical research and setting aside land for conservation.

1852. July 31. Born in South Paris, Maine to William Deering and Abby Reid Barbour Deering.

1856. January 10. Mother dies of measles.

1857. December 15. Father marries first wife's cousin, Clara Cummings Hamilton.

1859. November 12. Half-brother, James Deering, born.

1867. October 3. Half-sister, Abby Marion Deering, born.

1869. Enters U.S. Naval Academy.

1873. Graduates second in his class from the Academy. Enters U.S. Navy.

1875. November 3. Marries Anna Rogers Case.

1876. Meets artist John Singer Sargent.
October 18. Son, Charles William Case Deering, born.
October 31. Anna dies.

1878. Escorts Ulysses S. Grant on tour of Asia.

1881. May 1. Resigns Naval commission to become Secretary of Deering Harvester Company.

1883. January 2. Marries Marion Denison Whipple.

1884. October 26. Son, Roger Deering, born.

1886. June 5. Daughter, Marion Deering, born.

1888. December 16. Daughter, Barbara Deering, born.

1893. Meets Anders Zorn, Ramon Casas and other artists at World's Columbian Exhibition in Chicago. Takes sabbatical to paint in Zorn's art studio in Paris.

1902. Elected Chairman of the Board of International Harvester Company.

1906. November 17. Sister dies.

1908. Purchases medieval hospital and adjacent houses in Sitges, near Barcelona.

1910. Retires from International Harvester. With Miguel Utrillo, combines buildings in Sitges to create a palatial home, *Marycel*.

1913. Buys properties at Buena Vista and Cutler in Miami. Meets David Fairchild. Deeds Buena Vista to USDA. Seeks preservation plan for Cutler.
December 9. Father dies in Coconut Grove.

1915. Purchases Richmond Cottage. Begins association with botanist John Kunkel Small.

1916. Begins wintering at Cutler. Purchases *Tamarit*, a ruined Spanish castle he hopes to restore with Ramon Casas.

1921. Empties *Marycel* and leaves Spain forever after argument with Utrillo. Loans part of art collection to the Art Institute of Chicago.

1922. Builds and moves into Stone House.

1924. Deeds art collection to daughters.
March 3. Oldest son dies after airplane crash.

1925. September 21. Brother dies at sea while returning from Paris. Charles "depressed" and in poor health.

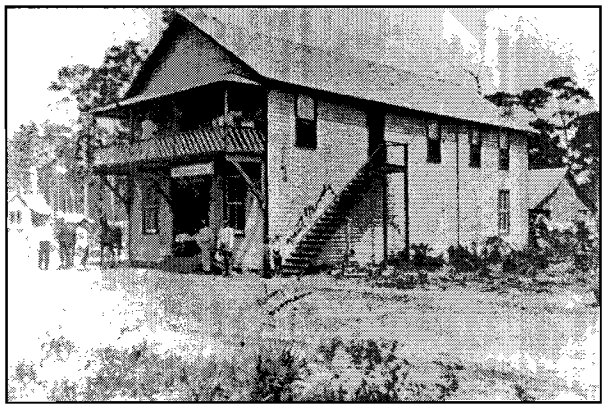
1926. Sues State of Florida to prevent dredging and filling of submerged lands off Cape Florida.
September 18. Deaf and suffering from fatal illness, sleeps through Great Miami Hurricane.

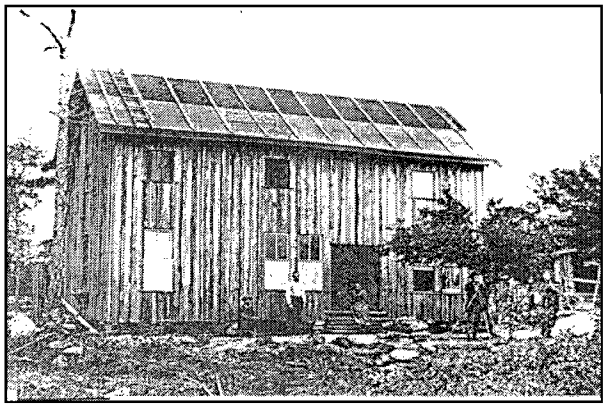
1927. February 5. Dies in his bedroom at Cutler. Laid to rest in Chicago. Daughters inherit estate.

PHOTO/DOCUMENT ARCHIVES: THE RICHMOND COTTAGE

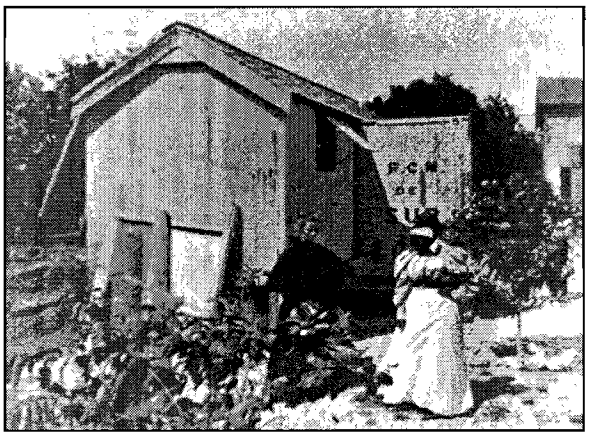
Left to Right: Addison and Seminoles; Seminoles ca 1890

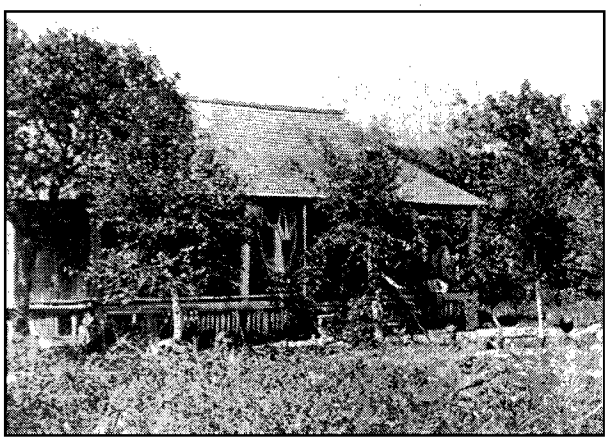
Left to Right: Brown & Moody General Store ca 1990; Richmond House 1896

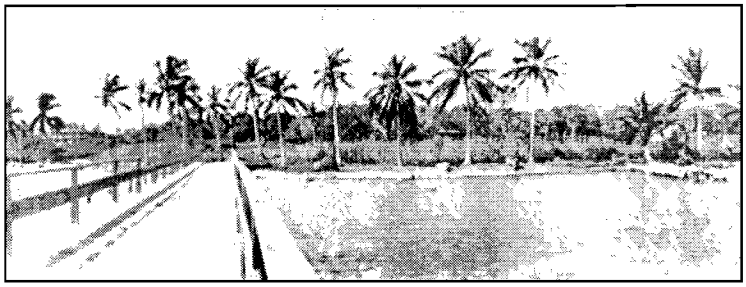




Left to Right: Cutler Post Office; Addison Home at Cutler ca 1900







Left: Cutler ca 1900

RICHMOND COTTAGE

Cutler, Dade County, Fla.

FIFTEEN MILES BELOW MIAMI ON

BISCAYNE BAY.

Richmond Cottage at Cutler, Fla., Fifteen Miles South of Miami.

Connected by Telephone with Miami.

Open to the Broad Atlantic Ocean.

Fine Fishing and Boating.

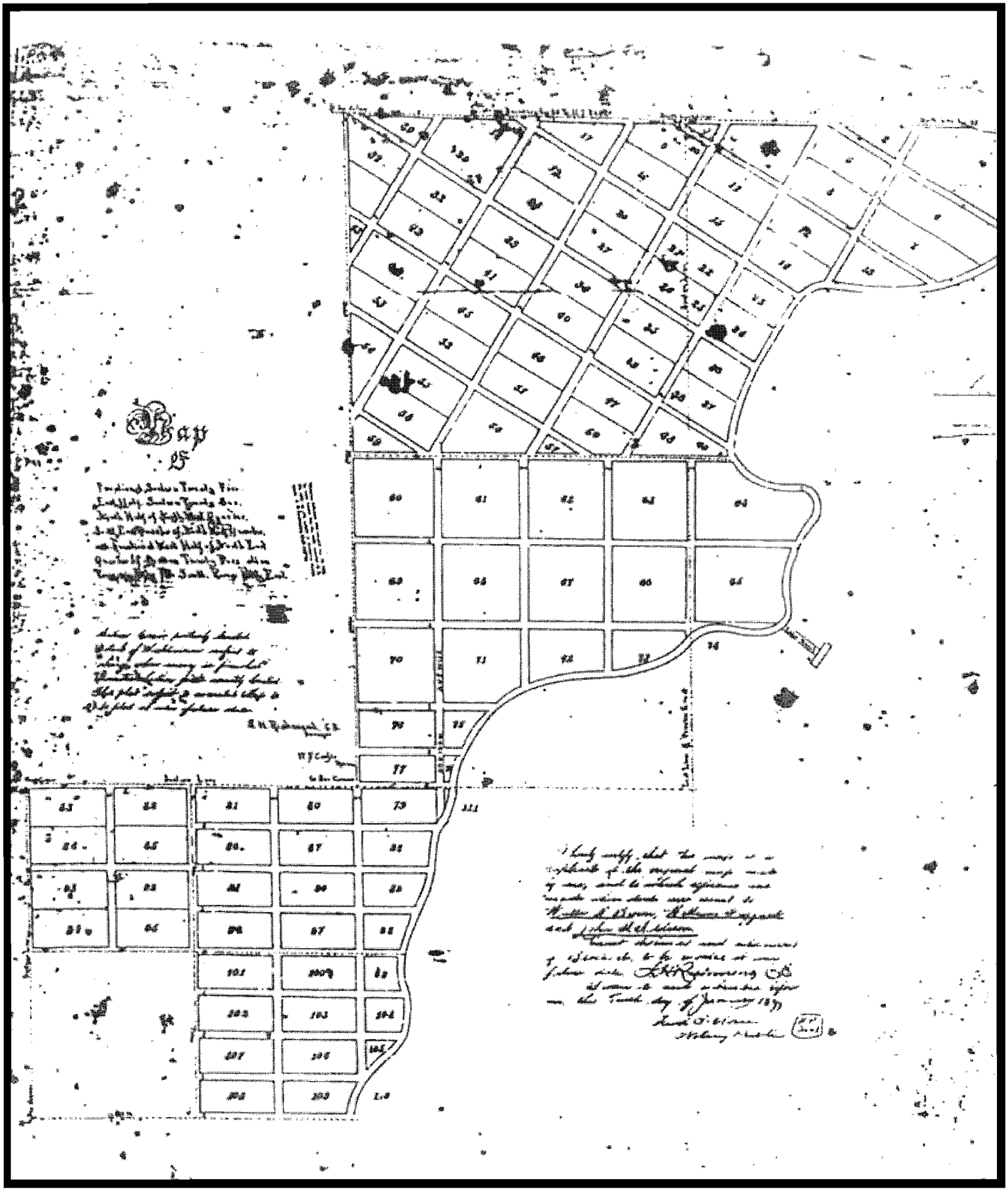
Write for Special Rates by Week or Month.

MRS. S. H. RICHMOND,

Proprietress.

93

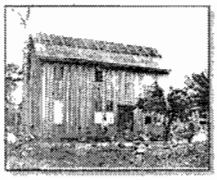
Cutler Plat by Richmond



THE RICHMOND COTTAGE

A CENTURY IN MIAMI

Built in the year that Miami became a city, the Richmond Cottage stands in its original location on Biscayne Bay. Rebuilt after Hurricane Andrew, it survives as one of the best examples of early Florida frame vernacular architecture in Miami and is listed on the National Register of Historic Places.



1896 – Dr. Samuel Richmond and his wife, Edith, build their Cracker-style home at Cutler, a coastal settlement 16 miles south of Miami.

1900 – The Richmonds add a three-story addition to the house and open "The Richmond Cottage." It is the **first hotel** between Coconut Grove and Key West.

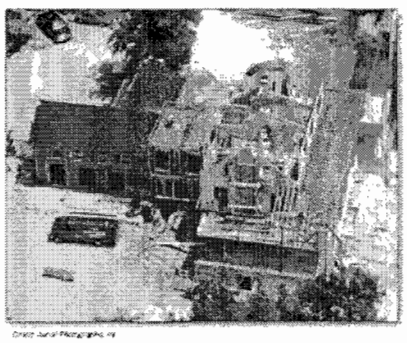
1916 – Charles Deering buys the house to use as a winter residence. He enriches the front façade and adds fireplaces, indoor plumbing, electricity, and gas hook-ups.

The Richmond Cottage Today

The Richmond Cottage reopens in 1999. Beautifully restored to its former splendor and 1920s color scheme, the house retains all of its original charm and character while exceeding modern Florida building codes.

1985 – The Deering Estate at Cutler opens to the public after nearly a century of private ownership. The Deering's have made no structural changes to the Richmond Cottage, which looks much as it did in the nineteen-teens.

1992 – Hurricane Andrew's 16.6-foot storm surge and high winds severely damage 70% of the house. The front end collapses, and the rear, while intact, is open to the elements.



1997 – Reconstruction at the Estate takes seven years and over seven and half million dollars. Workers use salvaged and new materials to completely rebuild the eastward side of the Richmond Cottage and to restore its westward side.

Can you imagine living in Florida without air conditioning?

Early settlers had to use the materials on hand to build cool, dry homes in Florida's hot, muggy climate. In Miami, they used the dense wood of Dade County Pines and designed buildings to capture breezes and provide shade. These homes had no formal architectural style but came to reflect the needs and values the community. Today, this type of construction is called Florida frame vernacular.

Wood-frame construction is light and sturdy.

An elevated first floor permits air-flow underfoot.

Large porches provide shade.

Weatherboard keeps out moisture.

Double-hung sash windows admit cool breezes.

A steep, vented roof allows hot air to escape.

VERNACULAR ARCHITECTURE

Vernacular architecture pays little attention to formal design. It utilizes local building materials and construction techniques and, depending upon the skill of the builder, is often rather crude in craftsmanship.

The wood-frame, 1896 Richmond House and 1900 addition were built of dense Dade County Pine. This durable material was salvaged and used during the structure's post Hurricane Andrew reconstruction.

The elevated building features long hallways, large window and door openings, an extensive overhanging verandah, and a gabled roof—all to allow maximum air circulation for humidity control and natural cooling.

An elevator to the second floor, air conditioning, new plumbing and electrical fixtures, and a fire suppression system are some the Richmond Cottage's modern upgrades.

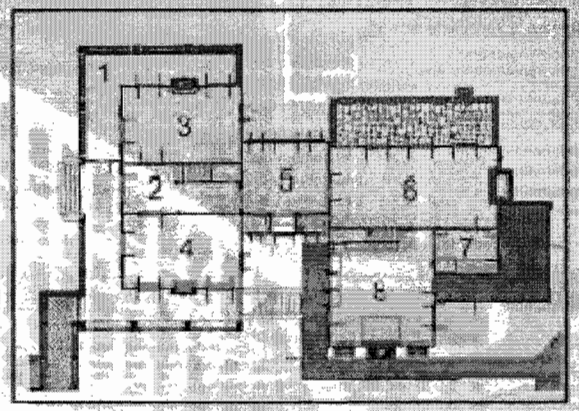
Richmond Cottage, 1916

THE ARTWORK

In 1922, Charles Deering brought part of his extensive art collection from Catalonia to the Cutler Estate. Works by Degas, Whistler and John Singer Sargent once hung from the walls of the Richmond Cottage and the Stone House.

Today, the park and the Deering Estate Foundation carry on the tradition of displaying art in the Richmond Cottage. In limited engagement exhibits throughout the year, antique maps and works by local artists grace the walls of this historic home.

RICHMOND COTTAGE



FIRST FLOOR

(1) First Floor Verandah - The lights on this porch and its supporting columns were used to navigate Deering's channel at night.

(2) Entrance Hallway - The first-floor staircase and part of one fireplace were the only structures left standing in this part of the building after Hurricane Andrew.

(3) Sitting Room - The fireplace in this room was one of three that Charles Deering added to the house during a 1916 renovation.

(4) Check-in Room/Study - Hosts guests such as Henry Flagler and James Ingram signed the guest registry here. Deering later turned the room into a study.

(5) Breakfast Room - The wall lattice in this room is original. The thick, wavy window glass and hardware are reproduction.

(6) Dining Room - Part of the 1896 structure, the original framework of the house still stands here.

(7) Butler's Pantry - This room features restored cabinetry and an ice box. Deering's ice was manufactured locally and delivered twice a week.

(8) Kitchen - The low cabinet on the east wall is a second ice box with doors for ice delivery outside of the house.

SECOND FLOOR

(9) Second Floor Verandah - The verandah offers a breathtaking view of Biscayne Bay and the Keyhole Boat Turning Basin. The Basin was installed in 1918 to accommodate Deering's 40-foot cruiser, "Tamiami," and "Barbee," a smaller launch.

(10) Mr. Deering's Bedroom - This bedroom suite once included a dressing area and bathroom. Deering's dressing area is now a modern bath, and his original bathroom adjoins the "Botanist's Study."

(11) Mrs. Deering's Bedroom - An elevator shaft takes up part of this room. The elevator was installed after Hurricane Andrew.

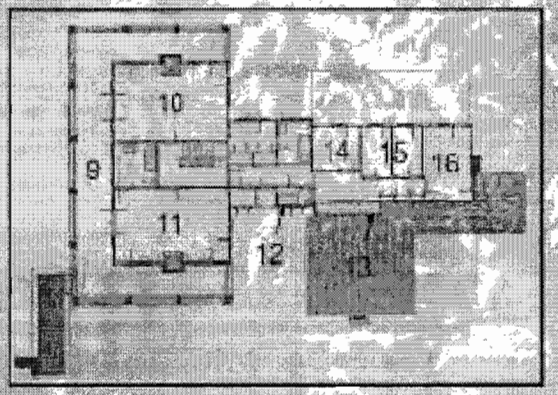
(12) Servants' Bathroom - Originally the house had no indoor plumbing. Deering added four and a half baths, and the park added several more. Deering's valet, Eusebio Hernandez, once kept a pet alligator, named "Chocolata," in one of the bathtubs.

(13) Servants' Stairway - This narrow stairway leads to the kitchen.

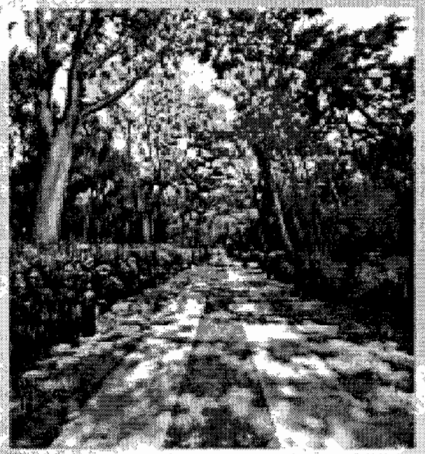
(14) Botanist's Study - Deering was an amateur naturalist and funded native plant studies in Florida. He formed lasting friendships with noted botanists John Kunkel Small and David Fairchild.

(15) Servants'/Storage Rooms - Mrs. Deering forbid Eusebio to marry her maid Katherine Riley. They wed after her death in 1943 and continued to serve the family for many years.

(16) Servant's Room



* **Third Floor - Guest Rooms (Closed)** - Three bedrooms and a bath accommodated Deering's visitors and were also used to store some of his many books and art treasures.



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The Deering Estate at Cutler
16701 SW 72nd Avenue
Miami, FL 33157
Phone: (305) 235-1668 Fax: (305) 964-5998
www.deeringestate.org

Hours of Operation:
9:30 am to 5:00 pm (last ticket sold at 4:30 pm)
Open every day except Thanksgiving & Christmas

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MIAMIDADE
GOV

DEERING ESTATE AT CUTLER

RICHMOND COTTAGE 1896-1900

DEERING ESTATE AT CUTLER

SELF-GUIDED TOUR

THE CUTLER ERA

Originally built in 1896, the Richmond Cottage is the last surviving structure of the historic town of Cutler.

At the end of the nineteenth century, Cutler (established at the site of the Seminole Hunting Grounds) was one of the best settlements in Dade County. Its beachfront location and three fishing wharves made it a hub for transporting freight and passengers south of Miami, and in its heyday, a post office, school, saw mill, and two general stores serviced a growing pioneer community.

"Cutler is located in a most beautiful spot, overlooking Biscayne Bay... The water is pure and sweet and the climate everything that could be desired."
Directory of the City of Miami and Nearby Towns, 1904

In 1900, Dr. Samuel Richmond and his wife, Edith, added a three-story addition to their modest family home at Cutler and opened the Richmond Cottage, the first hotel between Coconut Grove and Key West.

When the Florida East Coast Railway bypassed the town in 1904, businesses and residents moved to the nearby railroad labor camp that would become the city of Perrine. Soon, few families remained in Cutler.

The closing of the Richmond Cottage in 1915 officially brought an end to the Cutler Era.

CHARLES DEERING

International Harvester CEO, Charles Deering purchased the Richmond Cottage and, in 1916, transformed it into his winter residence. The former hotel was renovated, with rooms made larger and dinor, and a neo-classical facelift (complete with a Chinese Chippendale balustrade) was given to the front façade. Even after the construction of the Stone House in 1922, the Richmond Cottage maintained its importance as the center of food preparation and dining for the Deerings and their guests.

After Charles's death in 1927, the Deering family continued to winter at the Cutler Estate until its sale to the State of Florida in 1985.

HURRICANE ANDREW

In 1992, Hurricane Andrew's high winds and 16.6 foot storm surge collapsed part of the building.

The Richmond Cottage was rebuilt using as much original material as possible and looks, now, much as it did when Charles Deering lived there.

Today, the Richmond Cottage remains one of Miami's best examples of early Florida Frame Vernacular architecture and is on the National Register of Historic Places.

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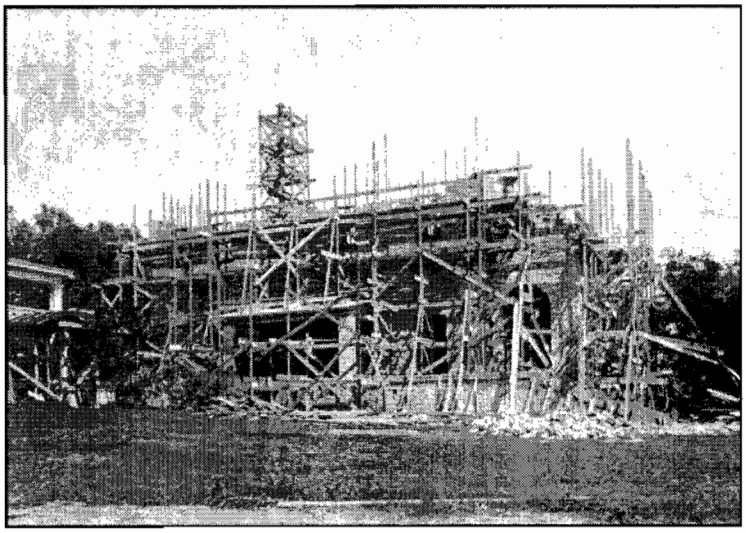
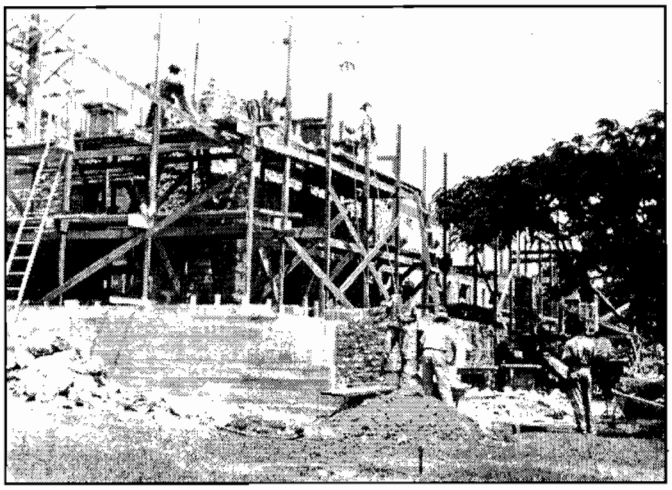
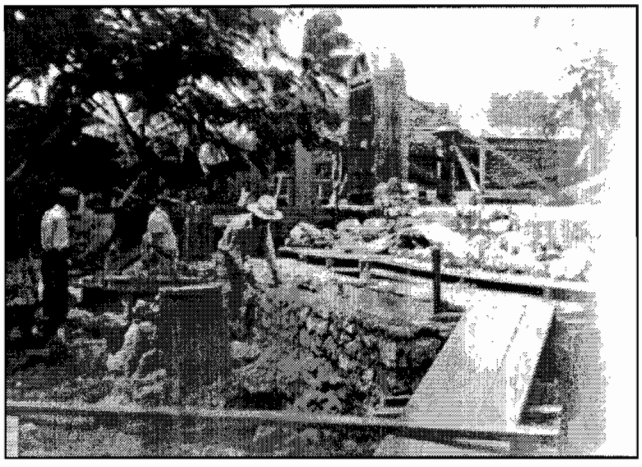
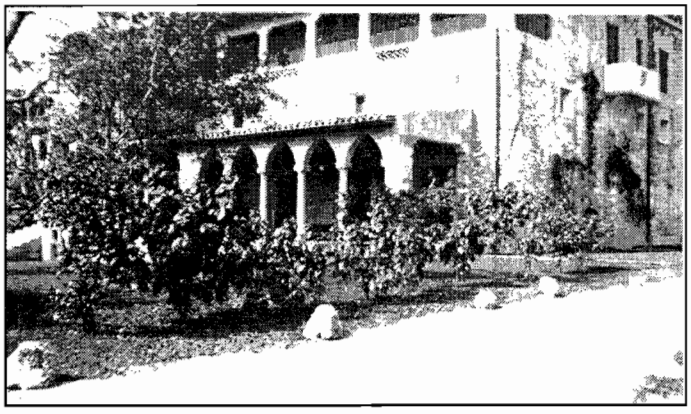
PHOTO/DOCUMENT ARCHIVES: THE STONE HOUSE

Clockwise: Photographs of the 1922 Construction









Left: The Stone House in 1930

THE STONE HOUSE

INSTANT ANTIQUITY

In the first decades of the twentieth century, real estate developers promoted Florida as a "fantasy land" for wealthy vacationers and potential investors. Inspired by Spanish mission-style buildings designed for the 1893 World Colombian Exposition and for the 1915 San Diego Exposition, builders blended architectural elements original to Italy, Spain and North Africa to create modern American homes with instant Old World elegance. Mediterranean Revival buildings also proved suitable for Miami's climate: thick walls insulated interiors from heat; casement windows admitted cool breezes; and covered balconies, loggias and walkways provided shade from intense sunshine.

In 1922, Charles Deering chose a Mediterranean Revival design for his 13,900 square foot Stone House to remind him of his properties near Barcelona and to provide him with a fire-resistant repository for his collection of fine art and antiques. With its massive stone façade, boxy shape, and decorative arches and columns, the house was intended to look like a centuries-old Spanish fortress. In reality, its construction took just eleven months.

KEY FEATURES OF THE MEDITERRANEAN REVIVAL HOME

DEERING'S STONE HOUSE

PHINEAS PAIST

Besides designing Charles Deering's Stone House, architect Phineas E. Paist contributed to the building of Villa Vizcaya, winter residence of Charles's half-brother, James Deering. He later served as a supervising architect for Coral Gables, developing its color pallet and establishing the city's Board of Architectural Review Panel. Paist's other Miami designs included the Coral Gables Douglas Road Entrance, City Hall, Colonnade Building, Venetian Pool and Miami Federal Courthouse.

MEDITERRANEAN REVIVAL

Mediterranean Revival architecture most often features a symmetrical, rectangular floor plan with a massive exterior façade, stuccoed walls, and a low-sloping red-tiled roof. Balconies, loggias, and window grilles are common, as are accents of wrought iron, wood, terra cotta, and limestone.

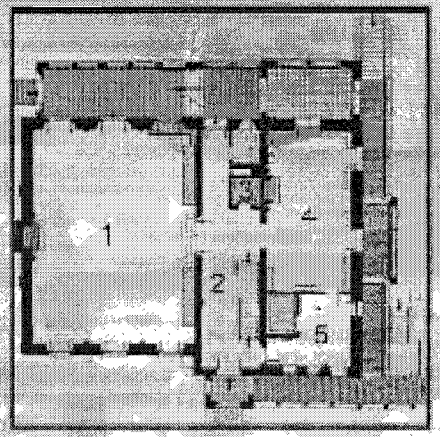
Introduced in the late nineteenth century, this eclectic combination of European architectural styles reached the height of its popularity in Florida in the 1920s and 30s. Its use reinforced the idea of Florida as a fantasy land for the wealthy and gave new communities an air of antiquity and Old World elegance.

BASEMENT/WINE CELLAR

In the 1920s, the 18th amendment to the Constitution prohibited the manufacture, transport, and sale of alcoholic beverages in the United States. After the Stone House was built, Charles Deering locked his collection of fine liquors in a basement vault and disguised the door with dry-good shelving.

During a 1945 hurricane, the cellar flooded and the vault door rusted closed. It remained sealed for forty years. Upon reopening the vault in 1985, state officials discovered that thousands of bottles of champagne, wine, and spirits stored inside had been ruined by salt water, breakage, and insects.

Today, new shelving and wine tasting tables display some of the original bottles.



FIRST FLOOR

(1) Ball Room - The Ball Room features walls seventeen feet high and a coffered concrete ceiling. The fifteenth century Italian marble over the fireplace was a gift to Charles from James Deering. The mantle is flanked on the left by a Ramon Casas painting of hooded Spanish penitents, entitled "Ash Wednesday Procession in Barcelona," and on the right by a 700 to 800-year old embroidered silk tapestry.

(2) Foyer - Sculptures by Augustus Saint-Gaudens (designer of the American "Double Eagle" twenty-dollar gold piece) once filled this room.

(3) Elevator - The working Otis elevator cab is original to the house and was refurbished after Hurricane Andrew.

(4) Library - Deering enjoyed researching genealogy, including his own Puritan ancestry, and had many books on the subject. His library also included works of classical fiction, books in foreign languages, and beautifully illustrated field guides.

(5) Pantry - This area held a sink but no stove. Today, it serves as the electrical room. A mezzanine was added by the park to keep elevator machinery safe from flooding.

WHERE IS THE KITCHEN?

In order to protect his art collection, Deering had the Stone House built without a kitchen or dining areas. The Richmond Cottage served as the Deerings' center for cooking and dining as long as the family owned the property.

SECOND FLOOR

(6) Guestroom/Sitting Room - The photographs and painting in this room depict Deering's Spanish palaces, Marjorel and Tamarit.

(7) Guestroom - Mrs. Deering used this area as a dressing room.

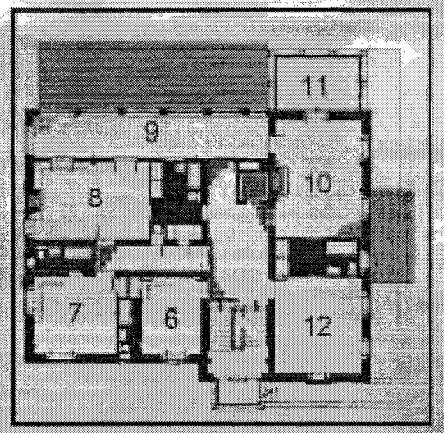
(8) Mrs. Deering's Bedroom & Bath - The blue and yellow hand-painted tiles over the fireplace were imported from Spain.

(9) Terrace - This screened area may have been used by Mrs. Deering as a sleeping porch during hot Florida summers.

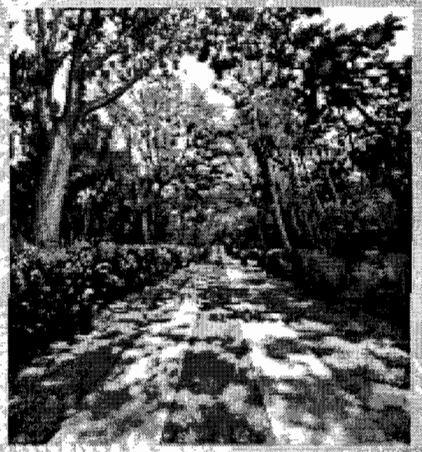
(10) Mr. Deering's Bedroom & Bath - Mr. Deering passed away in his bed on February 5th, 1927 after an extended illness.

(11) Mr. Deering's Sleeping Porch - Deering sat and listened to the beloved birds from this balcony. He could identify many local bird species from their calls.

(12) Mr. Deering's Study - In this room, Deering wrote many letters to his family and close friends.



Third Floor - Servants'/Storage Rooms (closed) - These rooms serve as the Estate's administrative offices.



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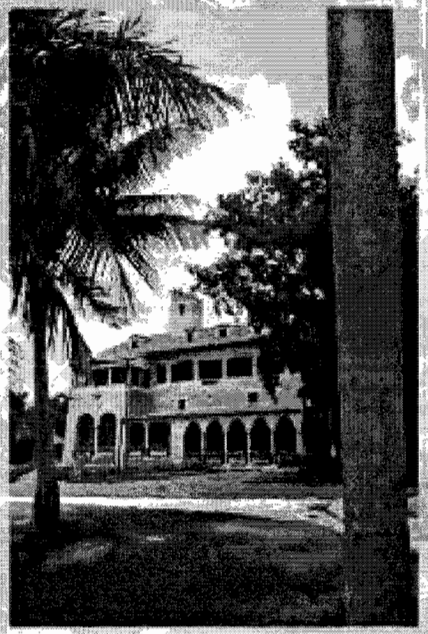
MIAMI-DADE PARKS

DEERING ESTATE AT CUTLER

STONE HOUSE 1922



DEERING ESTATE AT CUTLER

SELF-GUIDED TOUR

CHARLES DEERING

In 1918, industrialist Charles Deering began purchasing the town of Cutler and turned its hotel, the Richmond Cottage, into his winter home. At the time, Mr. Deering had recently transformed an old hospital and group of fishermen's houses along the Mediterranean coast, near Barcelona, into a palatial mansion called Maricel and was working to restore his medieval Spanish castle, Tamarit.

By 1921, Deering was ready to make a permanent move to South Florida and wished to bring a little of Spain with him. He requisitioned a Mediterranean Revival Stone House to be built within the original lot lines of the Richmond property.

"The Deering home...was a warm and inviting place, beautiful, obviously a place of unpretentious wealth and fine taste."

Mary Warren Hudson, neighbor

The Stone House would feature 18-inch thick, reinforced concrete walls, covered in a limestone veneer to imitate the rugged, exposed stone of Tamarit. It would also have a roof of handmade clay tiles, antique wrought iron window grilles, bronze and copper-clad doors and arcades of hand-carved columns.

Deering lived in the Stone House for five years before passing away in his second-floor bedroom at the age of seventy-five.

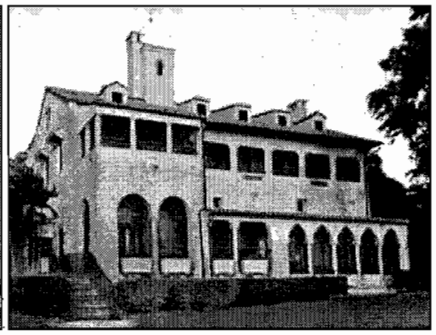
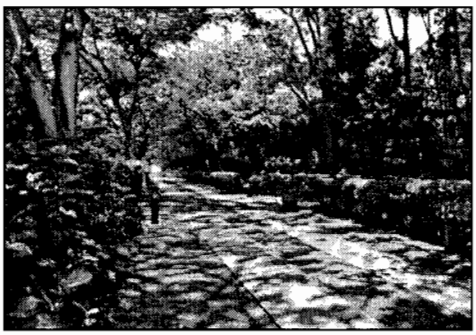
THE DEERING COLLECTION

Charles Deering was considered a good amateur artist and was an astute collector of fine art and antiques. He filled his palaces with paintings by Goya, El Greco and Velazquez, in addition to works by his contemporaries: modernista Ramón Casas and Santiago Rusiñol, Swedish impressionist Anders Zorn and American portraitist John Singer Sargent.

When Deering lived in the Stone House and Richmond Cottage, inventories show that the rooms were filled with antique Chinoiserie and Chippendale furniture and with artwork by Edgar Degas, Justus Sustermans and James McNeil Whistler among others.

Deering loaned the major portion of his collection to the Art Institute of Chicago in 1922, and his daughters donated it to the Institute after his death in 1927.

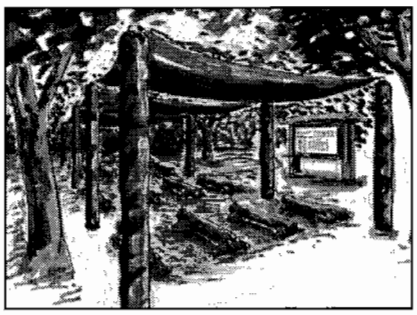
By the time the Deering Estate at Cutler was purchased by the State of Florida, Charles Deering's heirs had donated, sold, or removed the contents of the houses. The buildings were relatively empty when Hurricane Andrew devastated the Estate on August 24th, 1992. Family members, Beverly Bledsoe Danielson and Jocelyn Tenilla, donated artwork and other items from the Deering Collection to the Estate in celebration of the park's reopening in 1999, seven years after the storm.

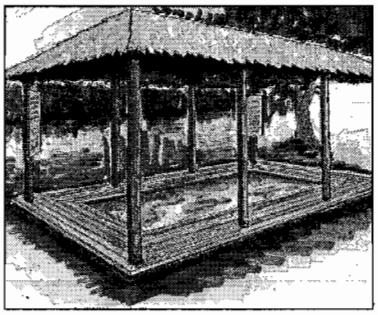



Stepping Through Time:
Tracing the Archeological Footsteps of the Tequesta

Appendix I

Planning Notes
Project-based Interpretive Exhibit



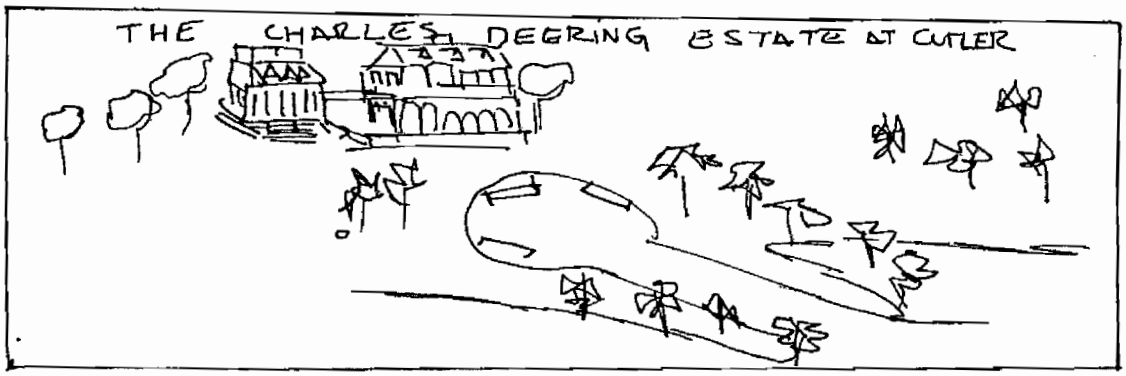


WEST WALL

ABOVE –

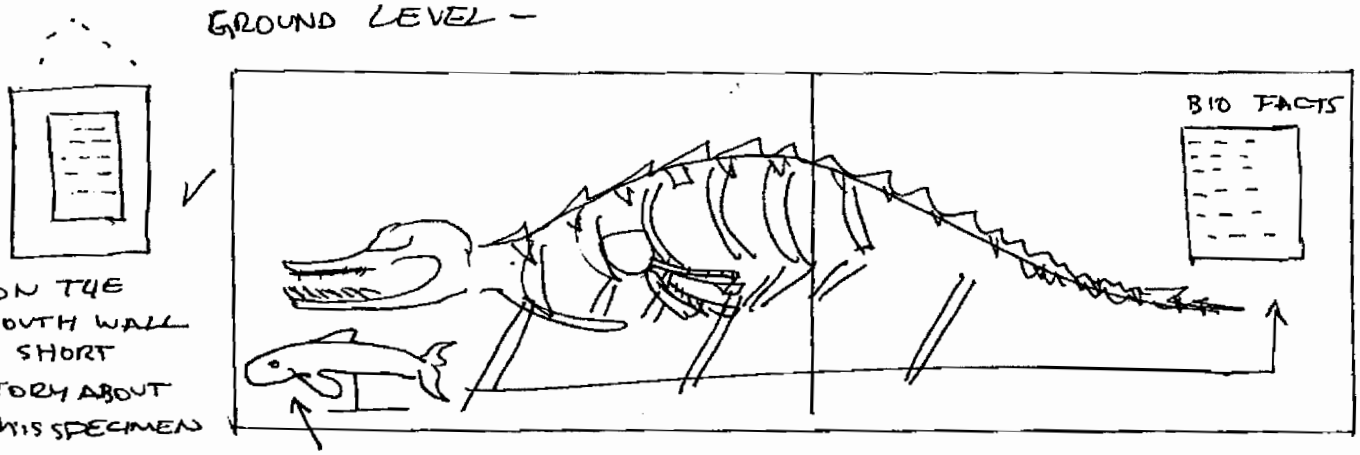
HANGING FROM CEILING

OLD PHOTOGRAPH OF CDE



– AN ENVIRONMENTAL, HISTORICAL, ARCHITECTURAL AND ARCHEOLOGICAL PRESERVE

GROUND LEVEL –



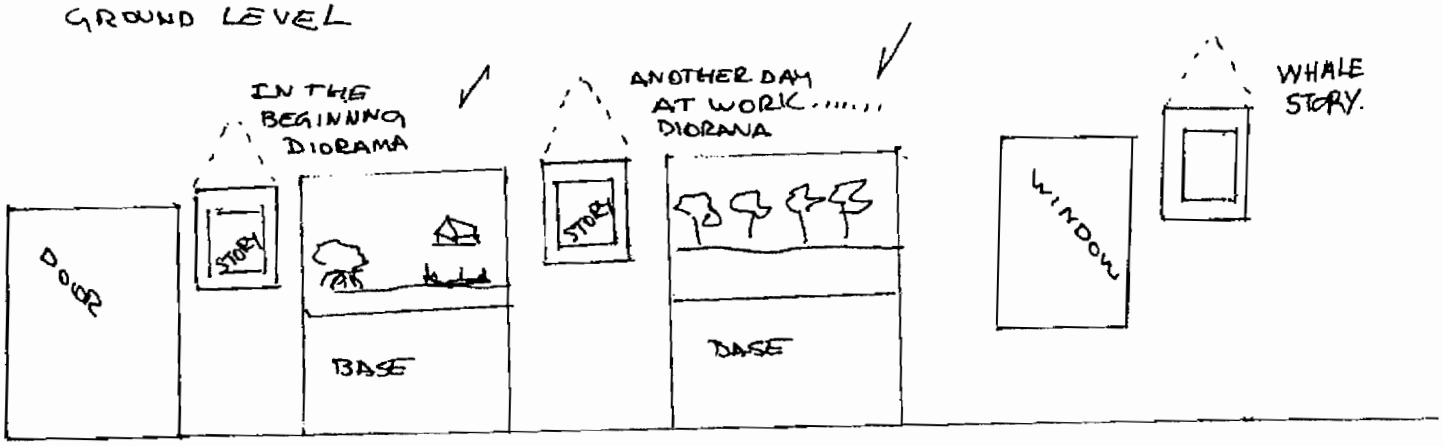
ON THE SOUTH WALL A SHORT STORY ABOUT THIS SPECIMEN

16" x 20"

CLAY MODEL OF A PIGMY SPERM WHALE

SOUTH WALL.

GROUND LEVEL



SOUTH WALL
ABOVE

MURALS, CANAS OR POSTERS - 3 of THEM.

IN PASTEL - ARTISTIC REPRESENTATION · A SERIES

A PREHISTORIC SCENE 3'x2'	A TEQUESTA SCENE 3'x2'	A PIONEER SCENE 3'x2'

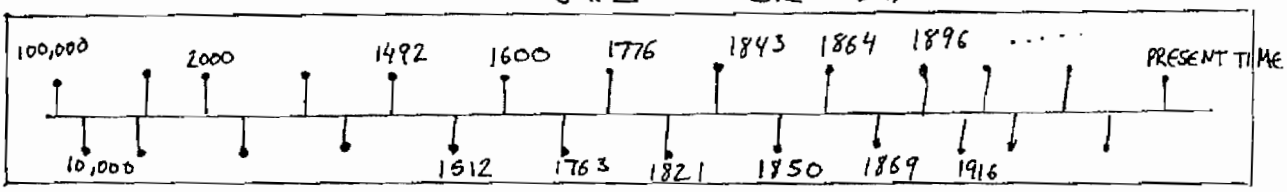
TO BE CREATED

DONE BY ARTISTS

NORTH WALL

ABOVE · A LINE THROUGH TIME . . . . . 8'x2' OR 6x2'

THIS WILL DEPICT IMPORTANT DATES IN THE "LIFE" of THE ESTATE



TO BE CREATED

DONG BY STAFF

NORH WALL
GROUND LEVEL

✓

ARTIFACTS, FOSSILS, TOOLS, ETC ...

POSSIBLE STORAGE FOR BINS CONTAINING MATERIALS FOR KIDS DISCOVERY CENTER

EAST WALL. SPLIT

- DEDICATED TO THE TOWN OF CUTLER AND C. DEERING · TO BE CREATED

A SERIES OF 3'x2' BLACK AND WHITE PHOTOS OF THE PEOPLE WHO SHARE THE ESTATE

- RICHMOND
- J. ADDISON
- FLAGLER
- SEMINOLE CHARACTER
- TEQUESTA (FRENCH ARTIST)
- CHARLES DEERING

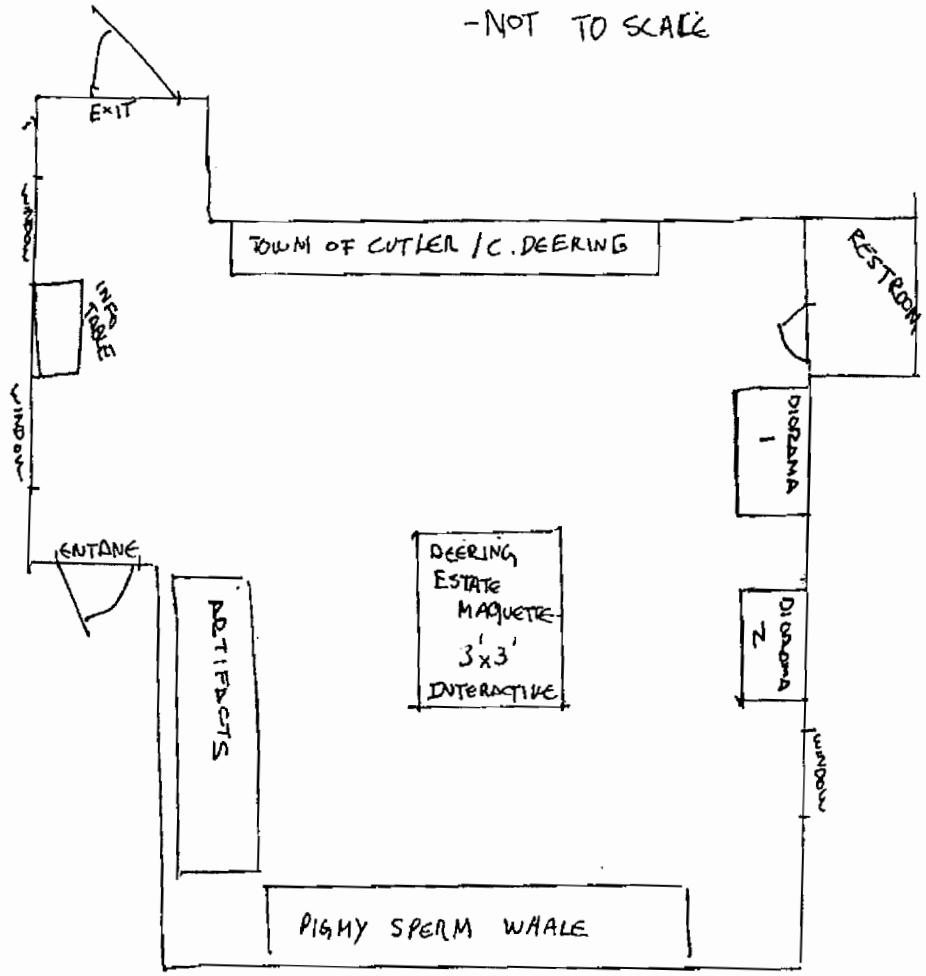
INCLUDE :
- INTERNATIONAL HARVESTER INFO POSTERS
- SMALLER PHOTOGRAPHS

EAST WALL GROUND LEVEL.

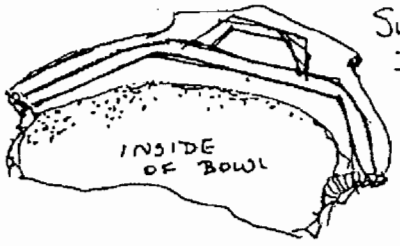
TOOLS OF THE TOWN OF CUTLER., SMALL MACHINES, SHOW THE INDUSTRY AND WAY OF LIFE....

ON THE MIDDLE GROUND LEVEL.

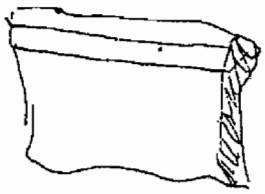
-NOT TO SCALE



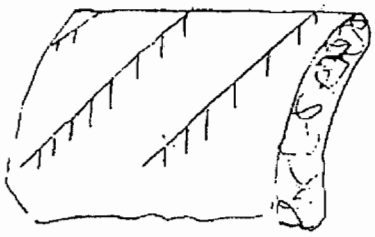
Glades III A
ADIZOO - AD1400



Surfside Incised Rim

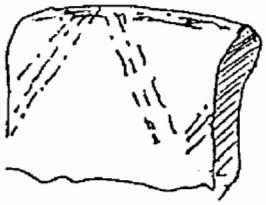


Surfside Incised



Gordons Pass Incised
(ie. feathered; incised line with associated "dash"

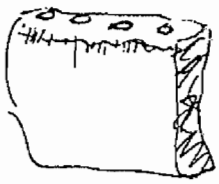
Sanibel Incised
(ie. incised "dashes")
or
in linear/chevron designs



Turner River linear-punctate
(a complex incised/~~or~~ punctate design)

Ft. Drum Punctate

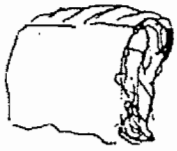
or



Ft. Drum Punctate

Ft. Drum Incised

or

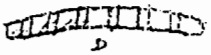


Plain Types
- Sand Tempered Plain
- Intermediate Chalky/sandwave
- Unclassified Chalkyware
- Belle Glade Plain (scarce type)

A

B

C


D

E

VIEW FROM TOP OF RIM

FT. DRUM INCISED

GLADES I Late AD500-AD750

FT. DRUM INCISED IS SOUTHEASTERN FLORIDA'S OLDEST INCISED POTTERY. IT USUALLY CONSISTS OF AN UNBROKEN LINE OF INCISEMENTS OR PUNCTATIONS RUNNING PARALLEL TO THE RIM.

A, D, E = FT. DRUM TICKED RIM
B = FT. DRUM PUNCTATED
C = FT. DRUM INCISED

OPA LOCKA INCISED

Glades I Late (AD500-AD752) - Glades IIA (AD750-AD900)

OPA LOCKA INCISED UTILIZES A SIMPLE ARC OR SEMI-CIRCLE. IT APPEARS VERY SIMILAR TO A FINER NAIL INCISEMENT.

DADE INCISED

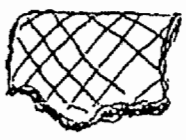
GLADES 2A AD750-AD900
GLADES 2B AD900-AD1100

THIS INCISEMENT IS COMMONLY IN THE FORM OF TWO OPPOSING, SLANTED LINES.

MIAMI INCISED

Glades IIA AD750-AD900

THESE DESIGNS ARE USUALLY GROUPS OF TWO OR FOUR LINES EITHER SLANTING FROM THE RIM OR PERPENDICULAR TO IT.



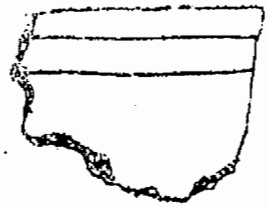
MATECUMBE INCISED

GLADES II B - AD900-AD1100

CROSSING HATCHING AND LATTICE WORK ACROSS THE ENTIRE POT.

KEY LARGO INCISED

Glades IIA AD750-AD900
Glades IIB AD900-AD1100



SURFSIDE INCISED

GLADES 3A - AD1200 - AD1400

THIS DESIGN CONSISTS FROM ONE TO FOUR PARALLEL LINES BENEATH THE RIM.

In the Keys this design is very common and is often characterized on ø vessels

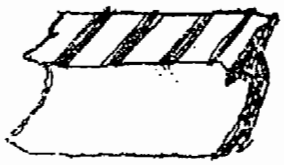
ST. JOHNS CHECK STAMPED

GLADES 3A	1200 - 1400 AD
GLADES 3B	1400 - 1513 AD
GLADES 3C	1513 - 1763 AD

ST. JOHNS CHECK STAMP IS A VERY DISTINCTIVE TEQUESTA POTTERY DESIGN. THE POTTERY IS MADE OF A WHITE CHALKY PASTE, AND THE DESIGN WAS PROBABLY APPLIED BY A CARVED PIECE OF WOOD.

ALSO GLADES II

GLADES I (some)



PROFILE OF VESSEL

GLADES TOOLED RIM

GLADES III B	1400 - 1513 AD
GLADES III C	1513 - 1763 AD

THE LIPS OF THESE VESSELS WERE THICKENED IN A "PIE CRUST" MANNER AND GROOVED LINES WERE APPLIED ON THE LIP. THE VESSEL WAS QUITE SHALLOW, AS OPPOSED TO THE EARLIER DEEP DRAFT VESSELS.

East Florida

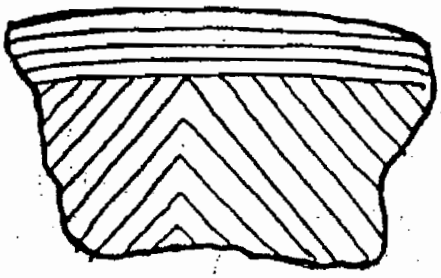
RY in SOUTH FLORIDA. INCISED PATTERNS.

PLATE I.

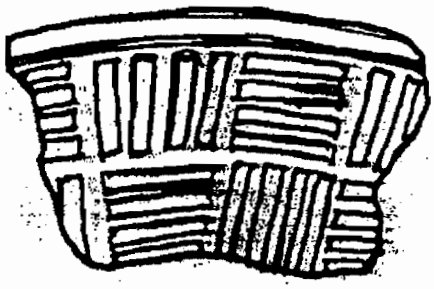
Early 10,000 - 7,000 BP
Middle 7000 - 5000 BP
Late 5000 - 2500 BP

ARCHAIC PERIOD. FIBER-TEMPERED POTTERY.

TICK ISLAND INCISED



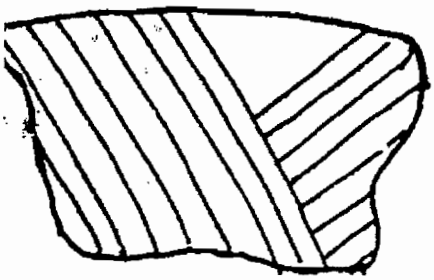
ORANGE INCISED



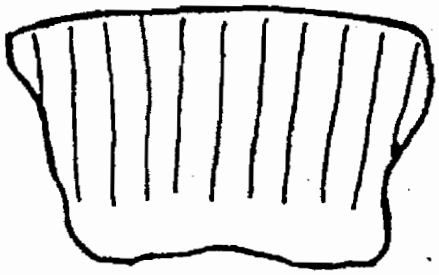
ORANGE INCISED

FLORIDA TRANSITIONAL PERIOD.

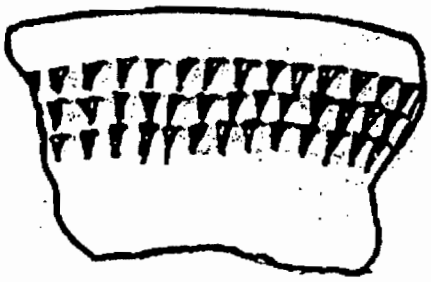
2000 BC - 500 BC



ST.JOHNS INCISED



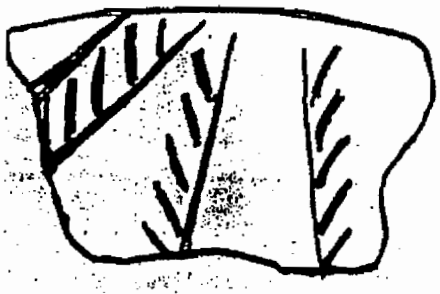
ST.JOHNS INCISED



ST.JOHNS PUNCTATED

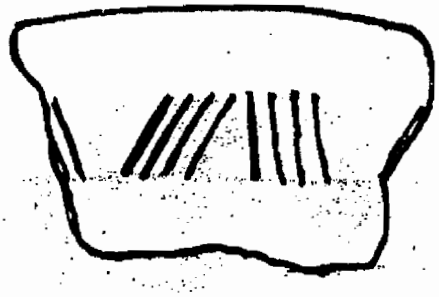
GLADES I PERIOD.

500 BC - AD 750



GORDONS PASS INCISED

SANIBEL INCISED



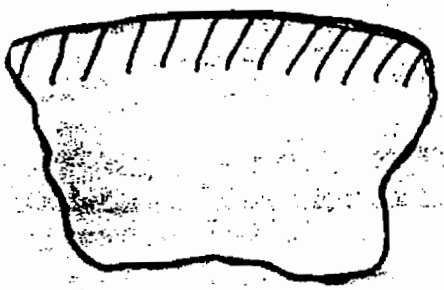
MARKHAM INCISED

TYPES BELIEVED TO HAVE EXTENDED BACK INTO GLADES I PERIOD.

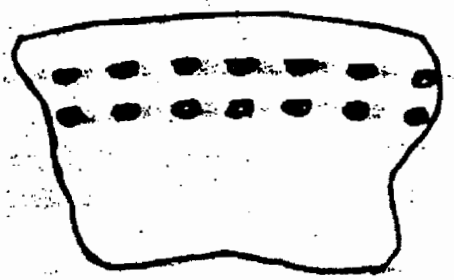
PLATE 2.

GLADES I PERIOD. 500 BC - AD 750

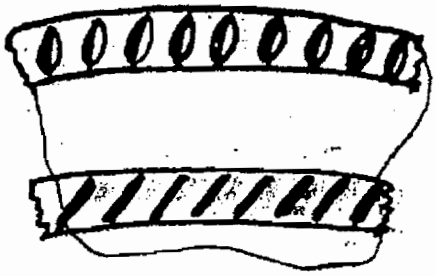
TYPES BELIEVED TO HAVE EXTENDED BACK INTO GLADES I PERIOD.



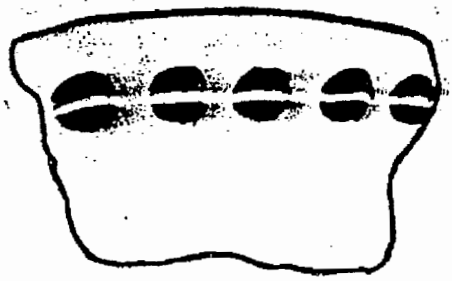
FT. DRUM INCISED



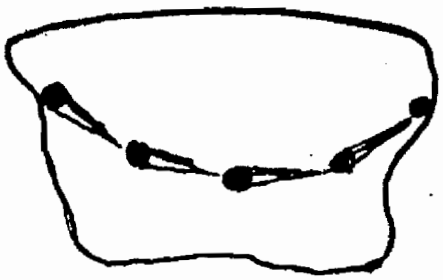
FT. DRUM PUNCTATED



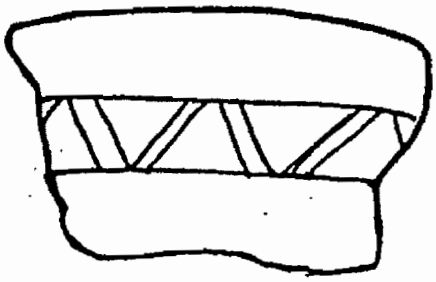
FT. DRUM RIM-TICKED



PLANTATION PINCHED



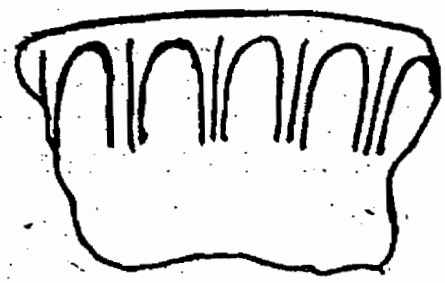
CANE PATCH PUNCTATED
"JAB-and-DRAG"



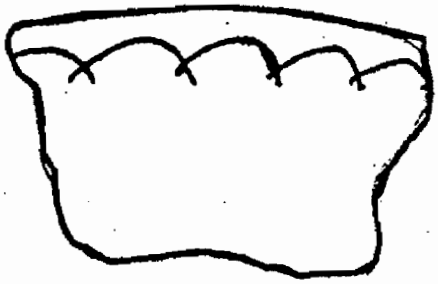
PERICO INCISED
LIMESTONE TEMPERED

GLADES IIa PERIOD. 750-900 AD

KEY LARGO INCISED



KEY LARGO INCISED



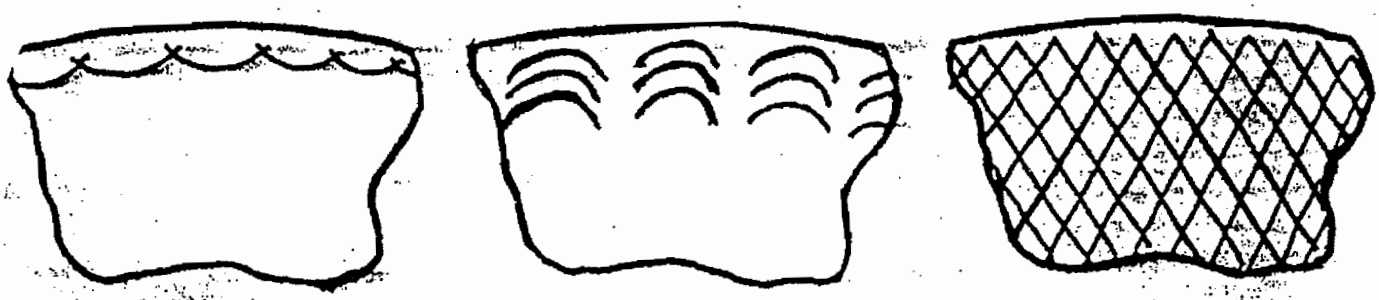
KEY LARGO INCISED

VARIANTS.

PLATE 3.

GLADES IIa PERIOD.

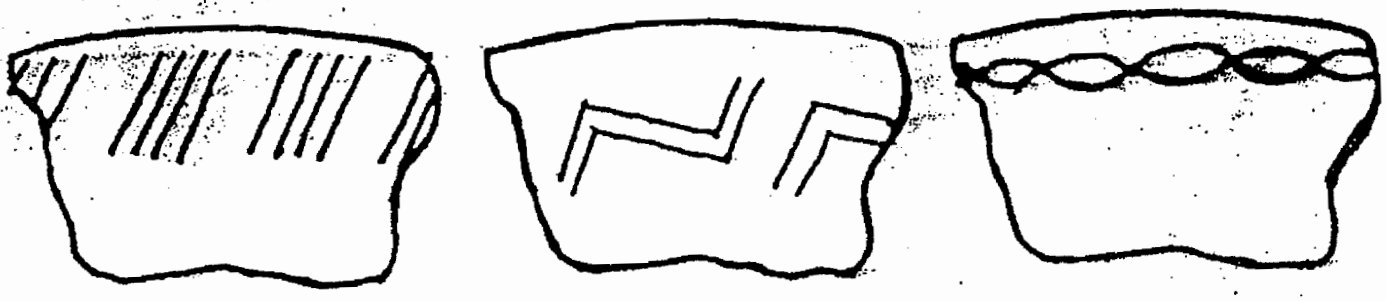
750 - 900 AD



DADE INCISED. OPA LOCKA INCISED. MATECUMBE INCISED.

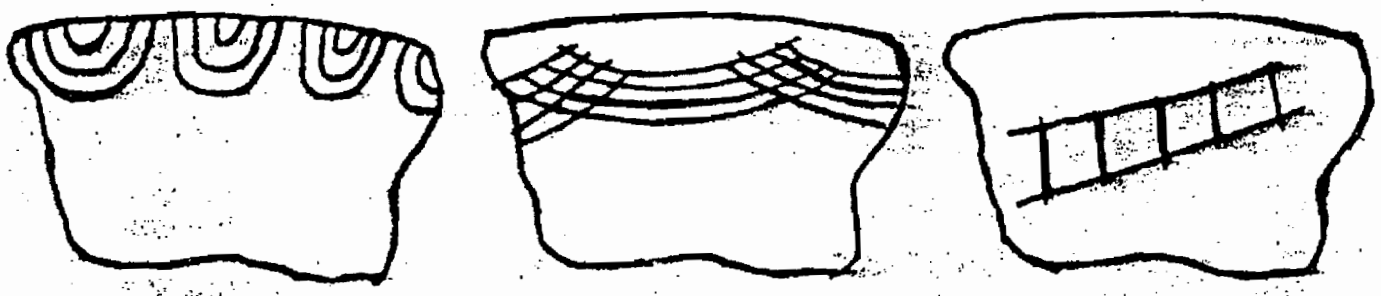
GLADES IIb PERIOD.

900 - 1100 AD



MIAMI INCISED ARCH CREEK INCISED NATURAL BRIDGE INCISED

NOT USED NOT USED



NORTH MIAMI BEACH INCISED. UNCLASSIFIED INCISED UNCLASSIFIED INCISED

(AS YET)

NOT USED

PLATE 4.

GLADES IIIa PERIOD.

1200 - 1400 AD

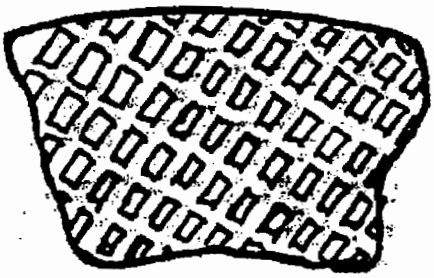
SURFSIDE INCISED

GLADES IIIb PERIOD.

1400 - 1513 AD

GLADES TOOLED "PIE CRUST"

side view



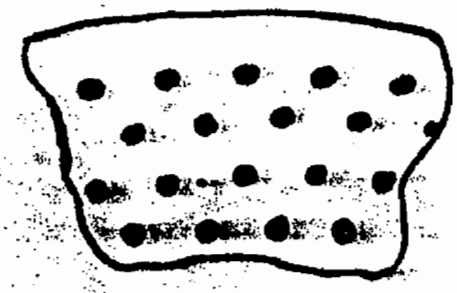
ST. JOHNS CHECK-STAMPED

A CHALKY WARE, FOUND IN ALL PARTS OF GLADES III PERIOD.

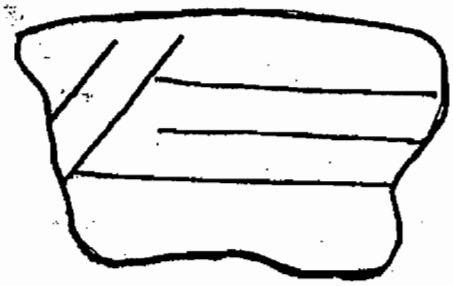
GLADES TOOLED, IMPRESSED RIM.

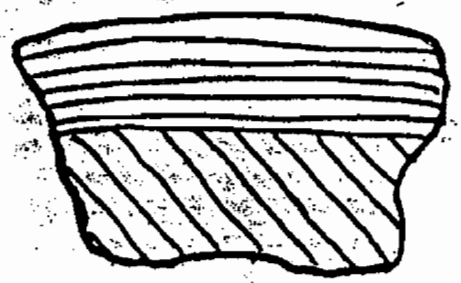
PLATE 5.

UNCLASSIFIED as yet.

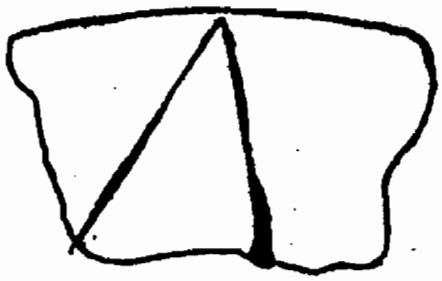


ALL-OVER PUNCTATED



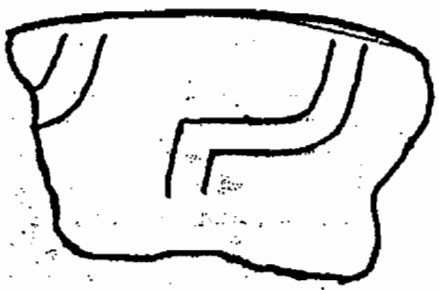


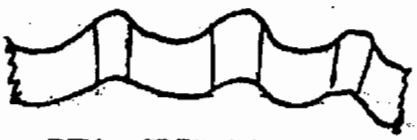
VERY LIGHTLY INCISED



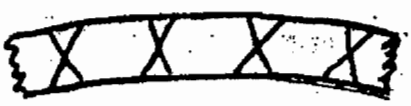
MATECUMBE INCISED

VARIANT

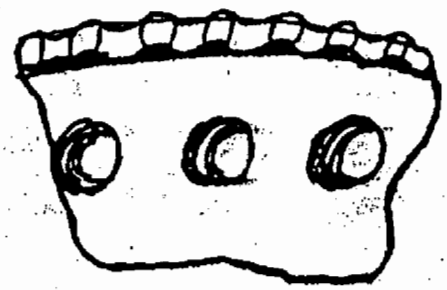




RIM- CRIMPED



RIM INCISED



GLADES NODED,

or GLADES TOOLED.

Yale Univ. Publications in Anthropology :41
[Goggin + Sommer]

A guide to Artifacts of Colonial America
IVOR NOEL HUME
Vintage books, NY
1969
1991 ed.

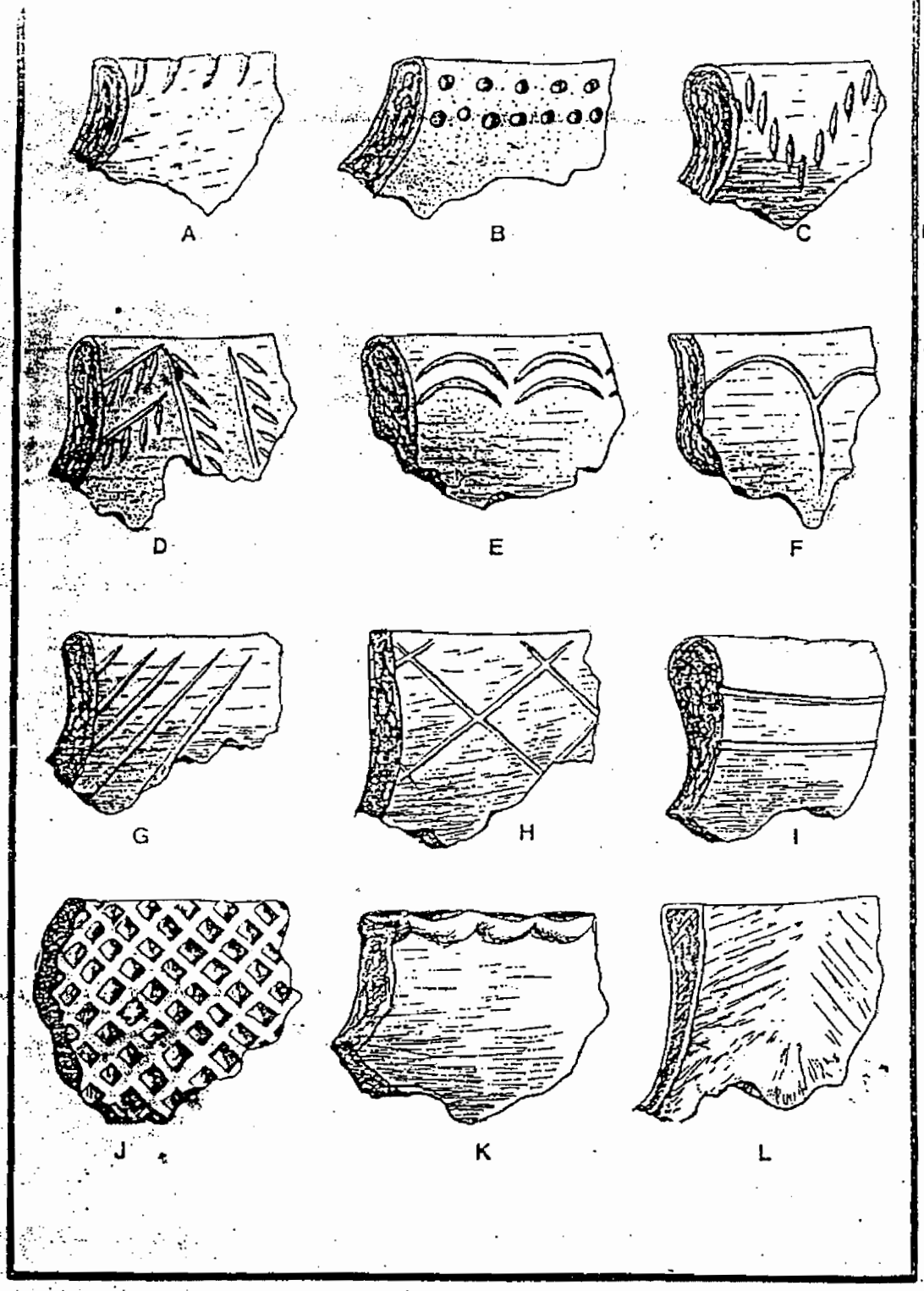
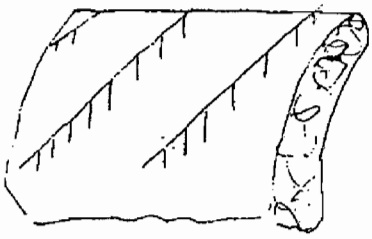


Figure 4. Prehistoric Pottery Types of South Florida

A. Ft. Drum Incised, B. Ft. Drum Punctate, C. Sanibel Incised, D. Gordon's Pass Incised, E. Opa Locka Incised, F. Key Largo Incised, G. Miami Incised, H. Varecimpe Incised, I. Surfside Incised, J. St. Johns Check Stamped, K. Glades Tooled, L. Belle Glade Plain

Glades III A
AD1200 - AD1400

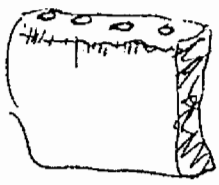


CORDONS PASS INCISED
(ie. feathered; incised line with assoriated "dash"

Sanibel Incised
(ie. incised "dashes")
or
in linear/chevron designs

Ft. Drum Punctate

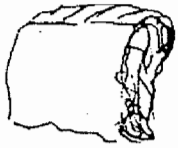
or

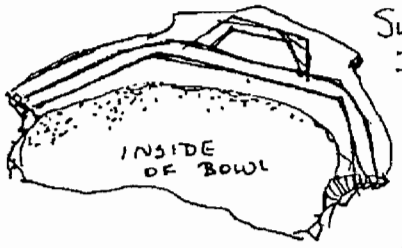


Ft. Drum Punctate

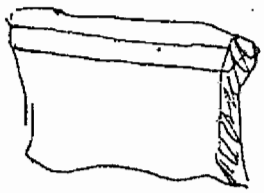
Ft. Drum Incised

or

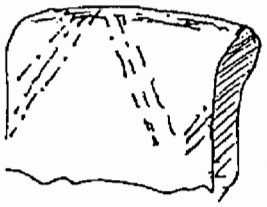




Surfside Incised Rim



Surfside Incised



Turner River linear-punctate
(a complex incised/or punctate design)

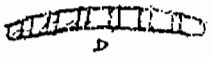
Plain Types
- Sand Tempered Plain
- Intermediate Chalky/sandware
- Unclassified chalkyware
- Belle Glade Plain (scarce type)

scoured exterior

A

B

C


D

E

VIEW FROM TOP OF RIM

FT. DRUM INCISED

GLADES I Late AD500-AD750

FT. DRUM INCISED IS SOUTHEASTERN FLORIDA'S OLDEST INCISED POTTERY. IT USUALLY CONSISTS OF AN UNBROKEN LINE OF INCISEMENTS OR PUNCTATIONS RUNNING PARALLEL TO THE RIM.

A, D, E = FT. DRUM TICKED RIM
B = FT. DRUM PUNCTATED
C = FT. DRUM INCISED

OPA LOCKA INCISED

Glades I Late (AD500-AD750) - Glades IIA (AD750-AD900)

OPA LOCKA INCISED UTILIZES A SIMPLE ARC OR SEMI-CIRCLE. IT APPEARS VERY SIMILAR TO A FINGERNAIL INCISEMENT.

DADE INCISED

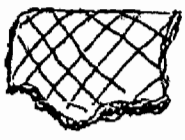
GLADES 2A AD750-AD900
GLADES 2B AD900-AD1100

THIS INCISEMENT IS COMMONLY IN THE FORM OF TWO OPPOSING, SLANTED LINES.

MIAMI INCISED

Glades IIA AD750-AD900

THESE DESIGNS ARE USUALLY GROUPS OF TWO OR FOUR LINES EITHER SLANTING FROM THE RIM OR PERPENDICULAR TO IT.



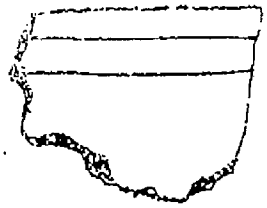
MATECUMBE INCISED

GLADES II B - AD900-AD1100

CROSSING HATCHING AND LATTICE WORK ACROSS THE ENTIRE POT.

KEY LARGO INCISED

Glades IIA AD750-AD900
Glades IIB AD900-AD1100



SURFSIDE INCISED

GLADES 3A - AD 1200 - AD 1400

THIS DESIGN CONSISTS FROM ONE TO FOUR PARALLEL LINES BENEATH THE RIM.

In the Keys this design is very common and is often characterized on ϕ vessels

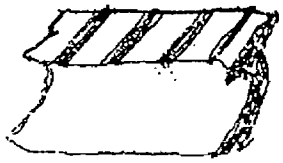
ST. JOHNS CHECK STAMPED

GLADES 3A	1200 - 1400 AD
GLADES 3B	1400 - 1513 AD
GLADES 3C	1513 - 1763 AD

ST. JOHNS CHECK STAMP IS A VERY DISTINCTIVE TEQUESTA POTTERY DESIGN. THE POTTERY IS MADE OF A WHITE CHALKY PASTE, AND THE DESIGN WAS PROBABLY APPLIED BY A CARVED PIECE OF WOOD.

ALSO GLADES II

GLADES I (some)



PROFILE OF VESSEL

GLADES TOOLED RIM

GLADES III B	1400 - 1513 AD
GLADES III C	1513 - 1763 AD

THE LIPS OF THESE VESSELS WERE THICKENED IN A "PIE CRUST" MANNER AND GROOVED LINES WERE APPLIED ON THE LIP. THE VESSEL WAS QUITE SHALLOW, AS OPPOSED TO THE EARLIER DEEP DRAFT VESSELS.

Ext Mowers

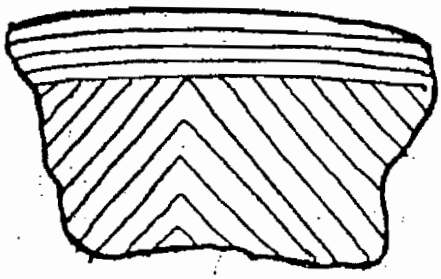
.Y in SOUTH FLORIDA. INCISED PATTERNS.

PLATE I.

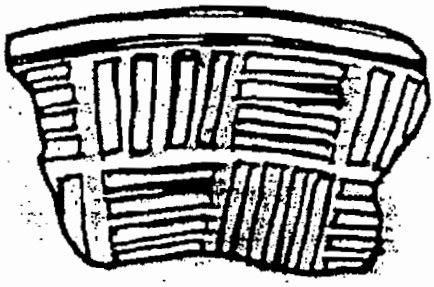
ARCHAIC PERIOD. FIBER-TEMPERED POTTERY.

Early 10,000-7,000 BP
Middle 7000-5000 BP
Late 5000-2500 BP

TICK ISLAND INCISED



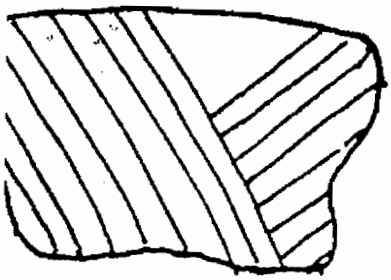
ORANGE INCISED



ORANGE INCISED

FLORIDA TRANSITIONAL PERIOD.

2000 BC - 500 BC



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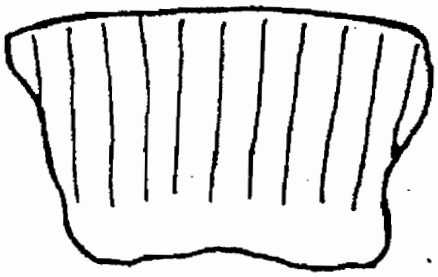

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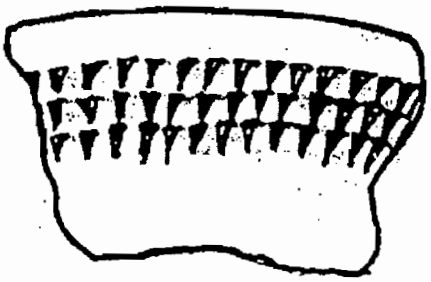


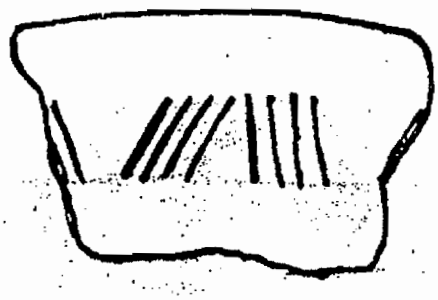
ST.JOHNS PUNCTATED

GLADES I PERIOD.

500 BC - AD 750

GORDONS PASS INCISED

SANIBEL INCISED



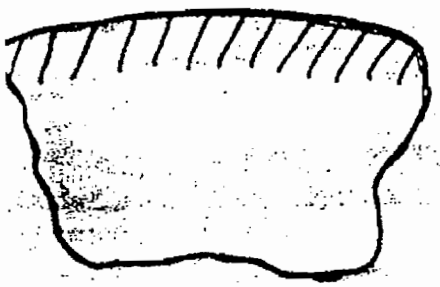
MARKHAM INCISED

TYPES BELIEVED TO HAVE EXTENDED BACK INTO GLADES I PERIOD.

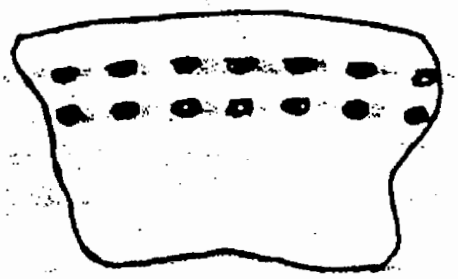
PLATE 2.

GLADES I PERIOD. 500 B.C. - A.D. 750

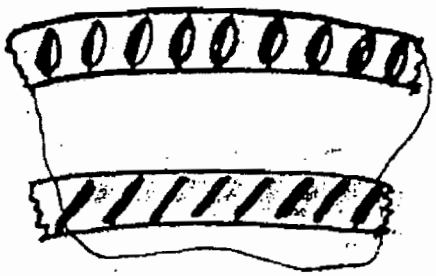
TYPES BELIEVED TO HAVE EXTENDED BACK INTO GLADES I PERIOD.



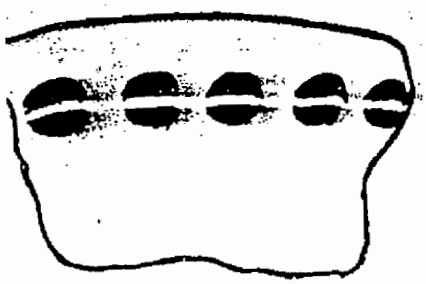
FT. DRUM INCISED



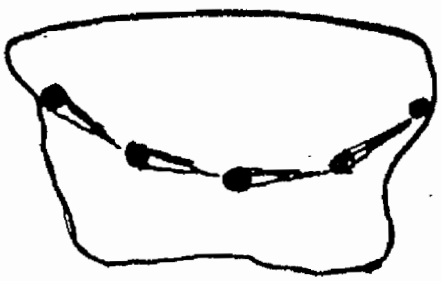
FT. DRUM PUNCTATED



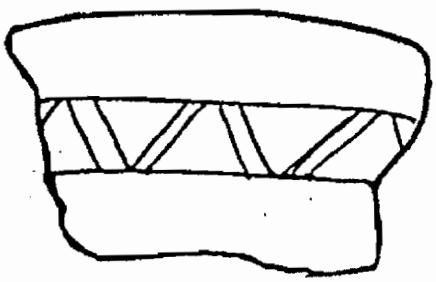
FT. DRUM RIM-TICKED



PLANTATION PINCHED

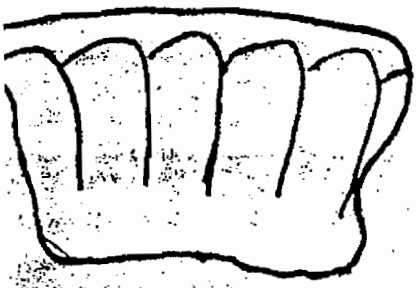


CANE PATCH PUNCTATED
"JAB-and-DRAG"



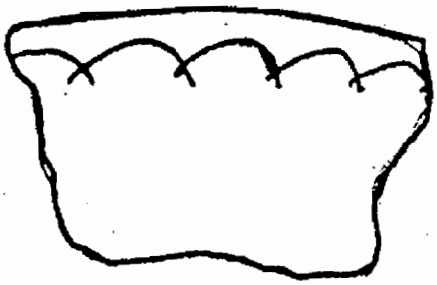
PERICO INCISED
LIMESTONE TEMPERED

GLADES IIa PERIOD. 750-900 A.D.



KEY LARGO INCISED

KEY LARGO INCISED



KEY LARGO INCISED

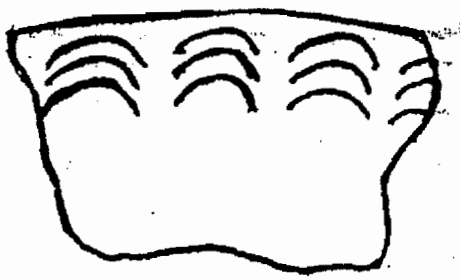
VARIANTS.

PLATE 3.

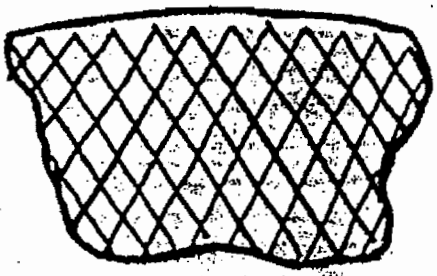
GLADES IIa PERIOD.

750 - 900 AD

DADE INCISED



OPA LOCKA INCISED

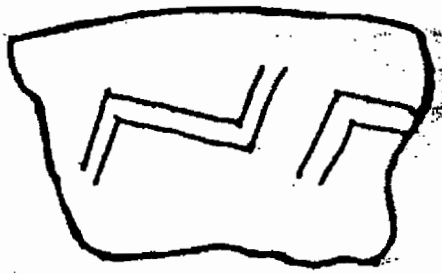


MATECUMBE INCISED

GLADES IIb PERIOD.

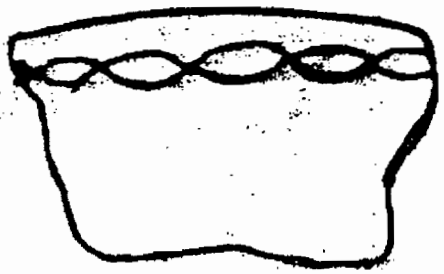
900 - 1100 AD

MIAMI INCISED



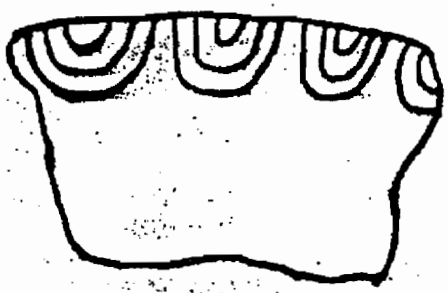
ARCH CREEK INCISED

NOT USED



NATURAL BRIDGE INCISED

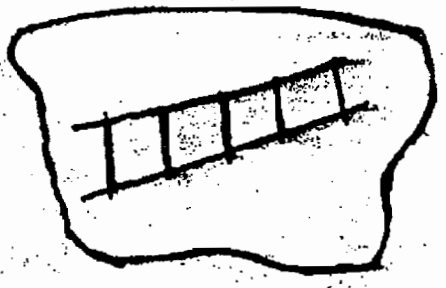
NOT USED



NORTH MIAMI BEACH INCISED

NOT USED

UNCLASSIFIED INCISED



UNCLASSIFIED INCISED

(AS YET)

PLATE 4.

GLADES IIIa PERIOD.

1200 - 1400 AD

SUBSTRATE INCISED

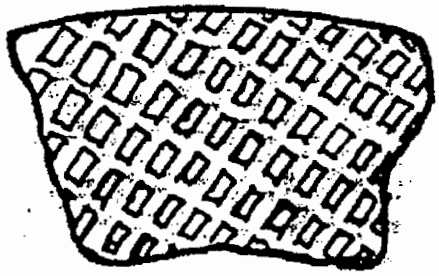
GLADES IIIb PERIOD.

1400 - 1573 AD

GLADES TOOLED

"PIE CRUST"

side view



ST. JOHNS CHECK-STAMPED

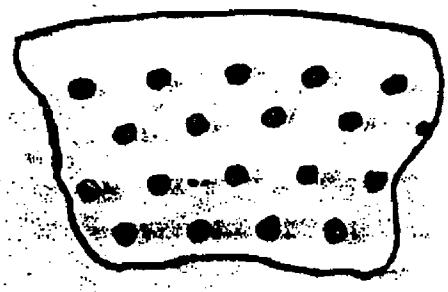
A CHALKY WARE, FOUND IN ALL PARTS OF GLADES III PERIOD.

GLADES TOOLED,

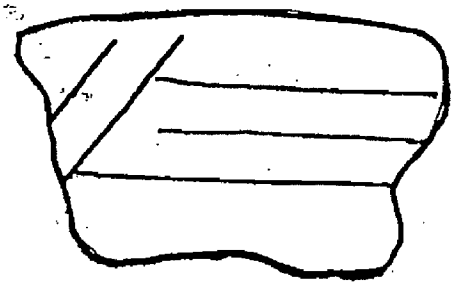
IMPRESSED RIM.

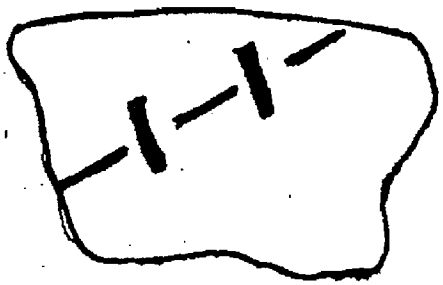
PLATE 5.

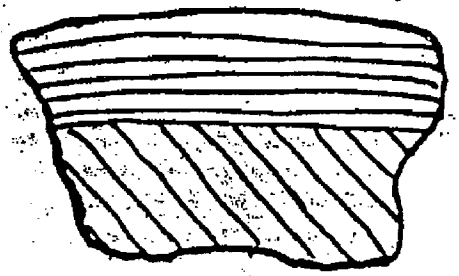
UNCLASSIFIED as yet.



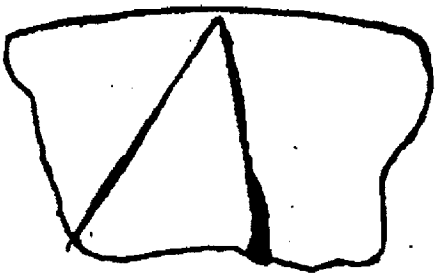
ALL-OVER PUNCTATED





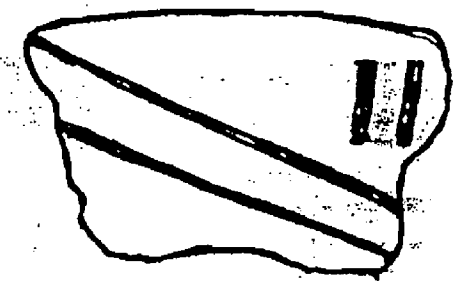


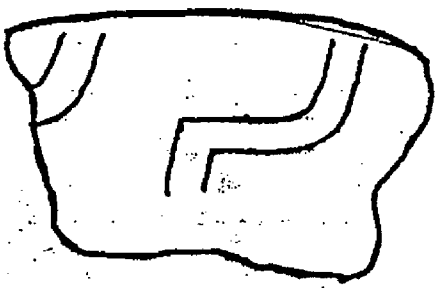
VERY LIGHTLY INCISED



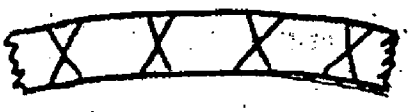
MATECUMBE INCISED

VARIANT

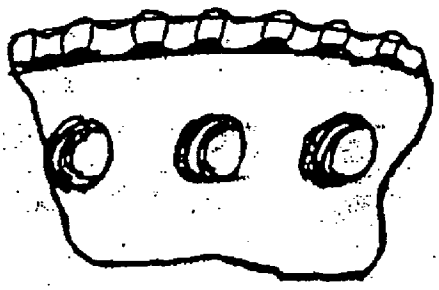




RIM— CRIMPED



RIM INCISED



GLADES NODED,

or GLADES TOOLED.

Yale Univ. Publications in Anthropology :41

[Goggin + Sommer]

A guide to Artifacts of Colonial America
IVOR NOEL HUME
Vintage books, NY
1969.
1991 ed.

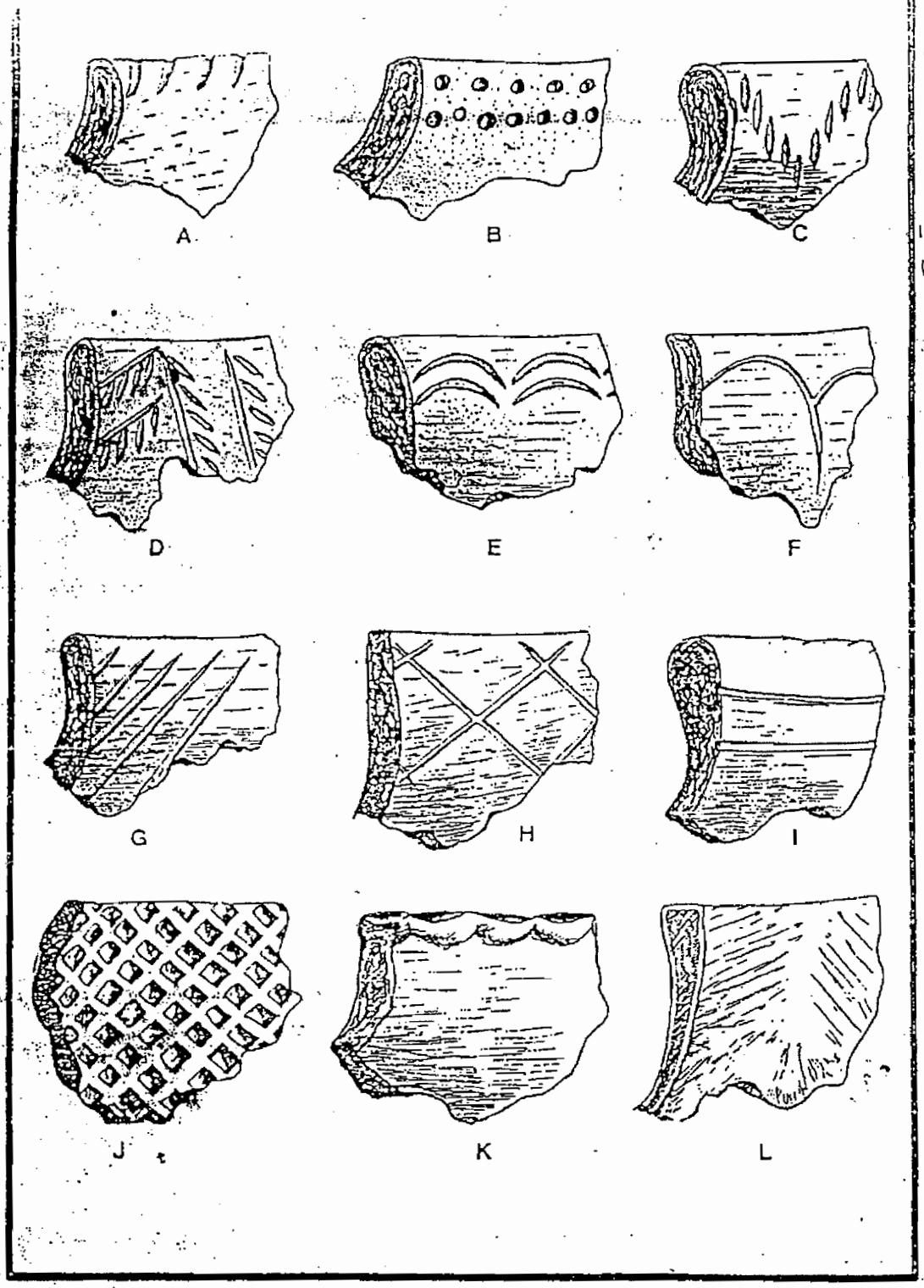


Figure 4. Prehistoric Pottery Types of South Florida

A. Ft. Drum Incised, B. Ft. Drum Punctate, C. Sanibel Incised, D. Gordon's Pass Incised, E. Opa Locka Incised, F. Key Largo Incised, G. Miami Incised, H. Marcampo Incised, I. Surfside Incised, J. St. Johns Check Stamped, K. Glades Tooled, L. Belle Glade