

**TOWN OF FORT MYERS BEACH
SPECIAL CERTIFICATE OF APPROPRIATENESS
APPLICATION**

COA NO.: _____
 DESIGNATION NO.: _____
 DATE FILED: 4-29-15
 DATE ISSUED: _____
 APPROVED: _____
 DENIED: _____

Town of Fort Myers Beach 2523 Estero Boulevard Fort Myers Beach, FL 33931
 Telephone: (239) 765-0202 / FAX:(239) 765-0909

<input type="checkbox"/> Contributing	<input type="checkbox"/> Non-Contributing	<input type="checkbox"/> Individual Designation	<input type="checkbox"/> Not Historical
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Name of Project: Installation of main site signage for Mound House
Location: Mound House - 451 Connecticut Street, FMB, 33931
Strap No.: 29-46-24-W2-00146.0010
Name of Applicant or Agent: Alison Giesen, Museum Director, Town Fort Myers Beach
Address: 2523 Estero Blvd.
City / State: FMB, FL **Zip Code:** 33931 **Phone:** 239-765-0845

Name of Historic District, if applicable: _____

- Check all that apply:**
- Building
 - Archaeological Site
 - Object
 - Landscape Feature

Project Description: (describe all work proposed)

Type of Work: Alteration Demolition New Construction
 Reconstruction Excavation Relocation

Narrative: Installation of main entrance sign for Mound House at parking lot on-site entrance. Sign will be installed by SEARCH, INK.

Change in Use: yes no

If yes, explain: _____

Does this use require a variance, special permit, or special exception under the Zoning Ordinance? yes no

If yes, explain: _____

Has a development order or exemption been applied for prior to or concurrent with this application? yes no

If yes, explain: _____

SUBMITTAL REQUIREMENTS

	Full plans and specifications (9 sets of plans, 1 set of specification).
X	Site plan (9).
X	Samples of materials if needed to fully describe the proposed appearance, color, feature, materials, or design of the building(s), structure(s), and any outbuilding, wall, courtyard, fence, landscape feature, paving, storage or exterior lighting.
X	Adequate information to enable the Historic Preservation Board to visualize the effect of the proposed action of adjacent buildings and streetscape within a historic district.
	Demolition applications only: Provide plans for the reuse of the property.
	Moving applications only: Provide reason for the proposed move, and a description of the new location and settings.
	Archaeological sites: Full plans and specifications indicating areas of work that might affect the surface and subsurface of the archaeological site or sites.
	Proposed mitigation measures.
	Archaeological surveys, if required by the Historic Preservation Board, including disturbance of human burials.



MOUND HOUSE

A CULTURAL & ENVIRONMENTAL
LEARNING CENTER

The Town of Fort Myers Beach Welcomes You

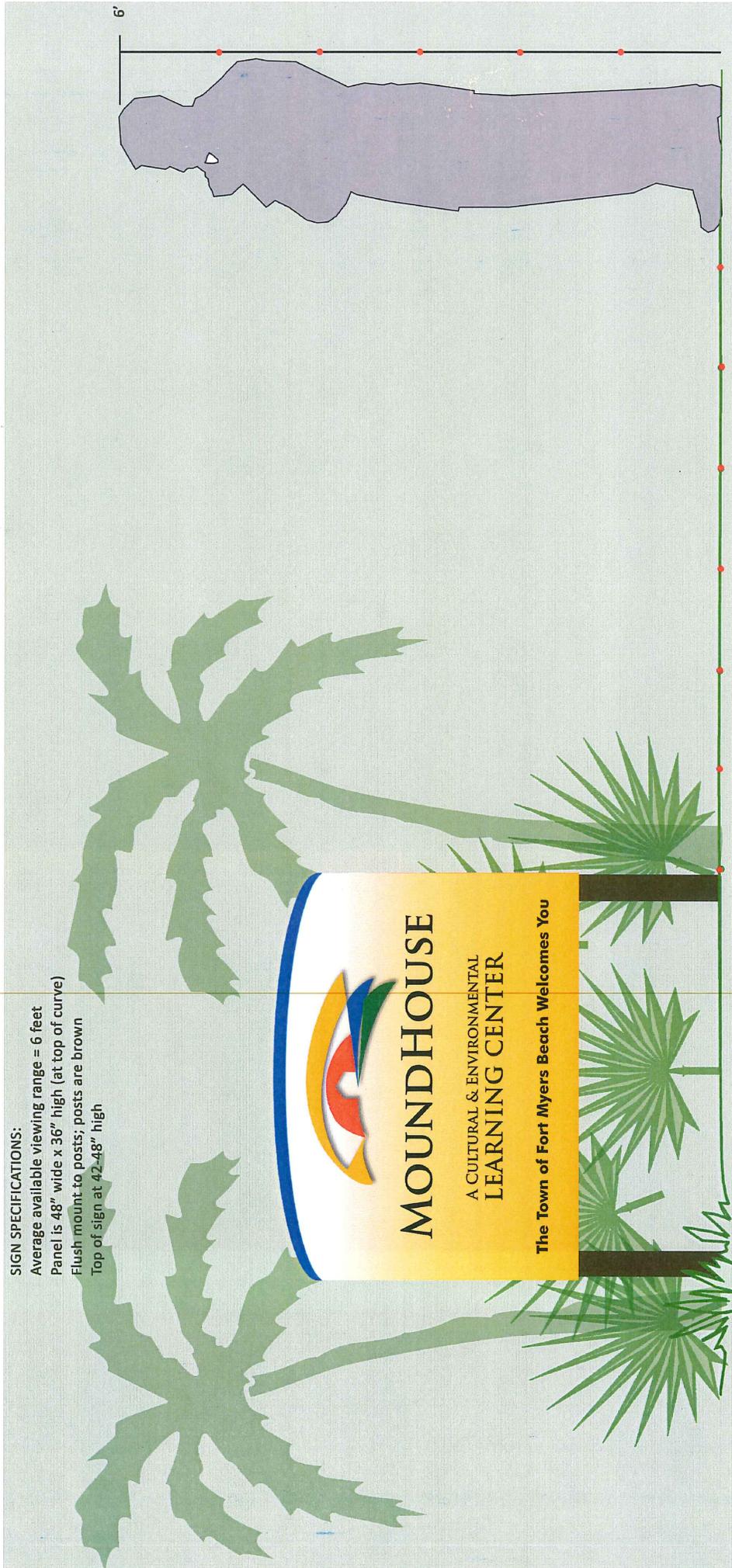
SIGN SPECIFICATIONS:

Average available viewing range = 6 feet

Panel is 48" wide x 36" high (at top of curve)

Flush mount to posts; posts are brown

Top of sign at 42-48" high





MOUND HOUSE PARKING

OVERNIGHT PARKING AVAILABLE ON EAST SIDE OF BEACH BAPTIST CHURCH PARKING LOT - 300 CONNECTICUT STREET

NO OVERNIGHT PARKING

NO PARKING

MOUNDHOUSE
A CULTURAL & ENVIRONMENTAL
LEARNING CENTER
The Town of Fort Myers Beach Welcomes You



February 6, 2015

Dr. Robert Bendus
State Historical Preservation Officer
R.A. Gray Building
500 South Bronough Street
Tallahassee, FL 32399-0250

RE: EXCAVATION OF POST HOLES AT 8LL4 FOR SIGNAGE, MOUND HOUSE, FORT MYERS BEACH, FL

Dear Dr. Bendus:

The Mound House, a cultural and environmental learning center owned by the Town of Fort Myers Beach, is a 3.1-acre parcel located at 451 Connecticut Street in Fort Myers Beach, and includes the Estero Island Site, 8LL4. The site boundary for 8LL4 currently includes the entire Mound House property. As part of the interpretation of the grounds there are 36-41 signs planned for placement across the property. These signs (some single-post, some double-post) are anticipated to require the excavation of 50-60 post holes. The signs anticipated include 2 Entrance signs (double-post); 2 Site Directory Maps (double-post); 5 Wayfinding signs (double-post); 5 (min) to 10 (max) Interpretive panels (double-post); and 22 Plant identification signs (small, single-post).

Most sign locations will be near existing sidewalks or fence lines, that is, they are anticipated to be in areas of the site already slightly disturbed. Some signs, however, may be placed in areas of minimal or no previous ground disturbance. This letter explains a proposed method of excavation and setting of the posts. Your evaluation and concurrence is appreciated.

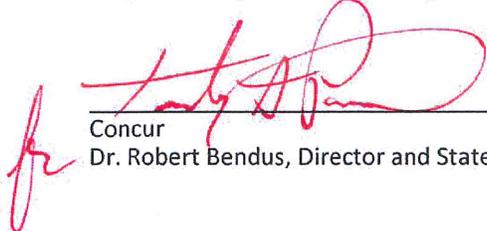
SEARCH, as the Town of Fort Myers Beach's consultant for archaeological services, will excavate the required post holes as 30cm (dia.) shovel tests to a minimum depth of 50cm. SEARCH will screen the sediment, collect any artifacts, document the strata, and record the locations with a GPS. SEARCH will provide DHR with a letter report of the results and an updated FMSF form with a map of test locations.

To set posts, SEARCH will insert an 8-inch cardboard tube capped on the basal end with landscape fabric. The screened material will be used to secure the tube in place within the shovel test. Approximately 3cm of sterile sand and 3-5cm of small pebbles will be placed inside the tube, followed by the post. Concrete will be poured into the tube around the post. The tube, landscape fabric, sand and pebbles are intended to capture and contain the concrete mix and prevent it from entering the surrounding matrix.

If you concur with our proposed excavation and post-setting methods, please sign below and fax to me at (352) 333-0069. If you have any questions regarding this matter or the planned exhibits at Mound House, please contact me at emily@sesarchinc.com or (352) 333-0049.

Sincerely,


Emily Powlen, MS
Project Manager, Heritage Design Division Leader


Concur _____
Dr. Robert Bendus, Director and State Historic Preservation Officer


Date _____

UNANTICIPATED DISCOVERIES OF ARCHAEOLOGICAL AND HISTORIC SITES INCLUDING HUMAN REMAINS

Although a project area may receive a complete cultural resource assessment survey, it is impossible to ensure that all cultural resources will be discovered. Even at sites that have been previously identified and assessed, there is a potential for the discovery of previously unidentified archaeological components, features, or human remains that may require investigation and assessment. Therefore, a procedure has been developed for the treatment of any unexpected discoveries that may occur during site development.

If unexpected cultural resources are discovered the following steps should be taken:

- 1) Initially, all work in the immediate area of the discovery should cease and reasonable efforts should be made to avoid or minimize impacts to the cultural resources.
- 2) A qualified Professional Archaeologist should be contacted immediately and should evaluate the nature of the discovery.
- 3) The Archaeologist should then contact the State Historic Preservation Officer (SHPO) and if necessary, the State Archaeologist.
- 4) As much information as possible concerning the cultural resource, such as resource type, location, and size, as well as any information on its significance, should be provided to the SHPO.
- 5) Consultation with the SHPO should occur in order to obtain technical advice and guidance for the evaluation of the discovered cultural resource.
- 6) If necessary, a mitigation plan should be prepared for the discovered cultural resource. This plan should be sent to the SHPO for review and comment. The SHPO should be expected to respond with preliminary comments within two working days, with final comments to follow as quickly as possible.
- 7) If a formal data recovery mitigation plan is required, development activities in the near vicinity of the cultural resource should be avoided to ensure that no adverse impact to the resource occurs until the mitigation plan can be executed.

If human remains are encountered during site development, the stipulations of Chapter 872.05 (Offenses Concerning Dead Bodies and Graves) should be followed. All work in the near vicinity of the human remains should cease and reasonable efforts should be made to avoid and protect the remains from additional impact. In cases of inclement weather, the human remains should be protected with tarpaulins. A qualified Professional Archaeologist should be retained to investigate the reported discovery, inventory the remains and any associated artifacts, and assist in coordinating with state and local officials. The County Medical Examiner should be immediately notified as to the findings. If the remains are found to be other than human, any construction will be cleared to proceed. If the remains are human, and are less than 75 years old, the Medical Examiner and local law enforcement officials will assume jurisdiction. If the

remains are found to be human and older than 75 years, the State Archaeologist should be notified and may assume jurisdiction of the remains.

- 1) If jurisdiction is assumed by the State Archaeologist, he will a) determine whether the human remains represent a significant archaeological resource, and b) make a reasonable effort to identify and locate persons who can establish direct kinship, tribal community, or ethnic relationship with the remains. If such a relationship cannot be established, then the State Archaeologist may consult with a committee of four to determine the proper disposition of the remains. This committee shall consist of a human skeletal analyst, two Native American members of current state tribes recommended by the Governor's Council on Indian Affairs, and "an individual who has special knowledge or expertise regarding the particular type of the unmarked human burial."
- 2) A plan for the avoidance of any further impact to the human remains and/or mitigative excavation, reinterment, or a combination of these treatments will be developed in consultation with the State Archaeologist, the SHPO, and if applicable, appropriate Indian tribes or closest lineal descendants. All parties will be expected to respond with advice and guidance in an efficient time frame. Once the plan is agreed to by all parties, the plan will be implemented.

The points of contact for Florida are:

Mr. Robert Bendus, Director and State Historic Preservation Officer
Florida Division of Historical Resources
R.A. Gray Building
500 S. Bronough St.
Tallahassee, FL 32399-0250
PH: 850-245-6333

Dr. Mary Glowacki, Chief and State Archaeologist
Bureau of Archaeological Research
B. Calvin Jones Center for Archaeology at the Governor Martin House
1001 de Soto Park Drive, Tallahassee, FL 32301
PH: 850-245-6301

PROJECT # 3184	PROJECT NAME Mound House			LEGEND Re: site boundary for 8LL4 and anticipated # of signs	MAP # 1 of 3
SITE # 8LL4	SUBJECT Exterior sign installation				COMPASS 
DATE 2.4.15	TEST UNIT	LEVEL	DEPTH		
BY emp					

Most Recent site form updates:

2014 - SEARCH (Christ altes), for monitoring utility trench excavation by Town

2002 - Torrence & Schober, survey # 8378

Most Recent site boundary map on file at State

2002 or 1995; plotted (by hand) on USGS in site form; Survey 8378 includes elevation maps (pgs 42-43); test locations (pg 51); GPR transects (E-W only; pg 54); but no official map showing site boundaries

Current site boundary is defined as entire land area, to water line. "Current" as of 2002 however additional excavation has occurred (by Schober) since 2002.

SEE ATTACHMENT #1

Exterior signs planned*:

(5-10) information panels

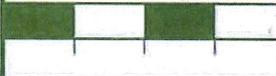
(2) Site directory maps

(22) plant ID signs

(5) wayfinding signs

(12) Entrance signs

*locations TBD; not to exceed 41 signs but requires 60 holes

PROJECT # 3184	PROJECT NAME Mound House	LEGEND		MAP # 2 of 3
SITE # 8444	SUBJECT installation recommendations			COMPASS 
DATE 2.4.15				
BY emp	TEST UNIT	LEVEL	DEPTH	

Manufacturer Recommendations (in-ground):

- 15.5" below ground (min)
- set in concrete, with rebar

SEE FOSSIL ATTACHMENT #2

Synergy Recommendations: (from 2007 design doc)

- schematic shown as posts approx. 24" below ground
- setting matrix not shown
- noted as to be 'archaeologically mitigated'

SEE SYNERGY ATTACHMENT #3

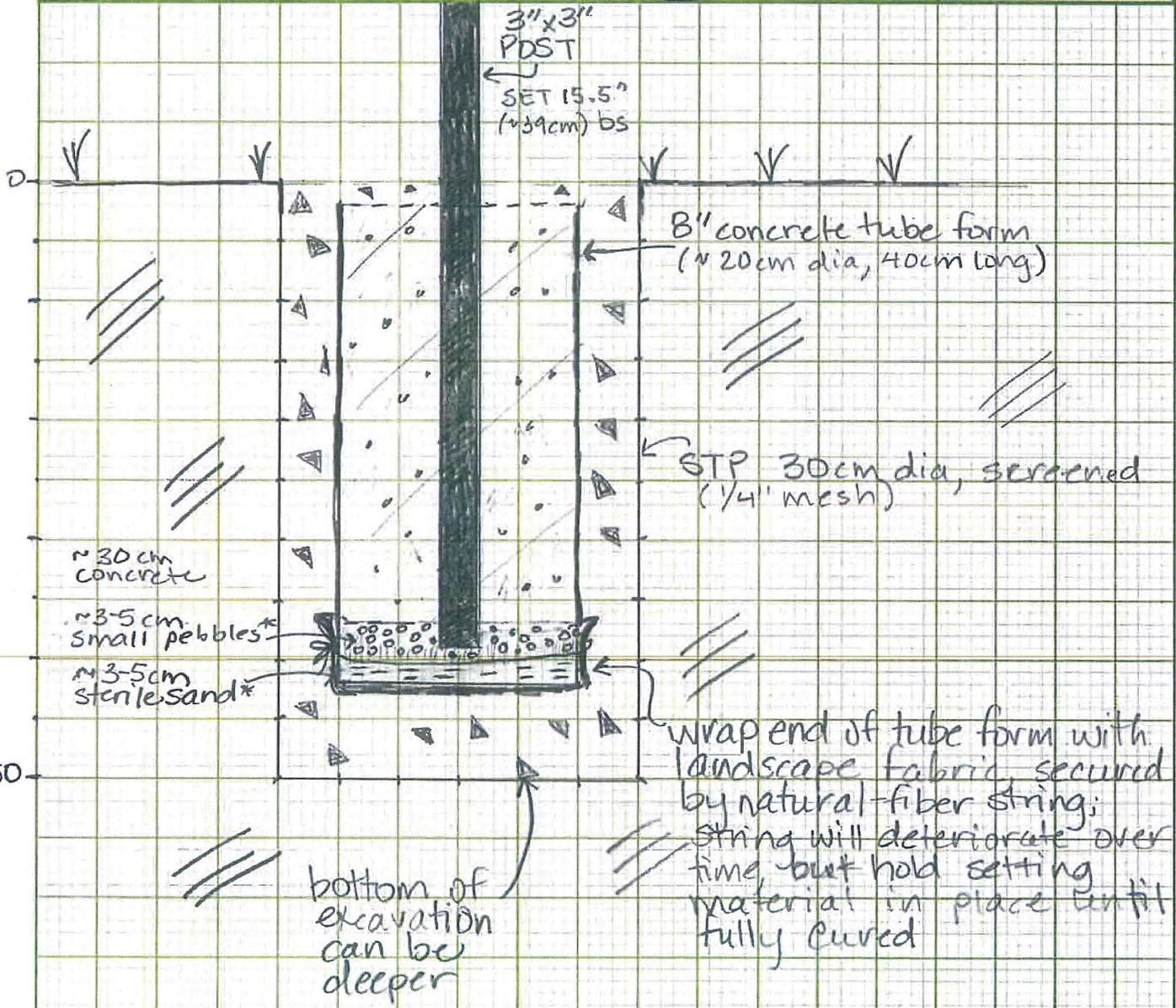
SEARCH Recommendations:

SEE SCHEMATIC on PG 3

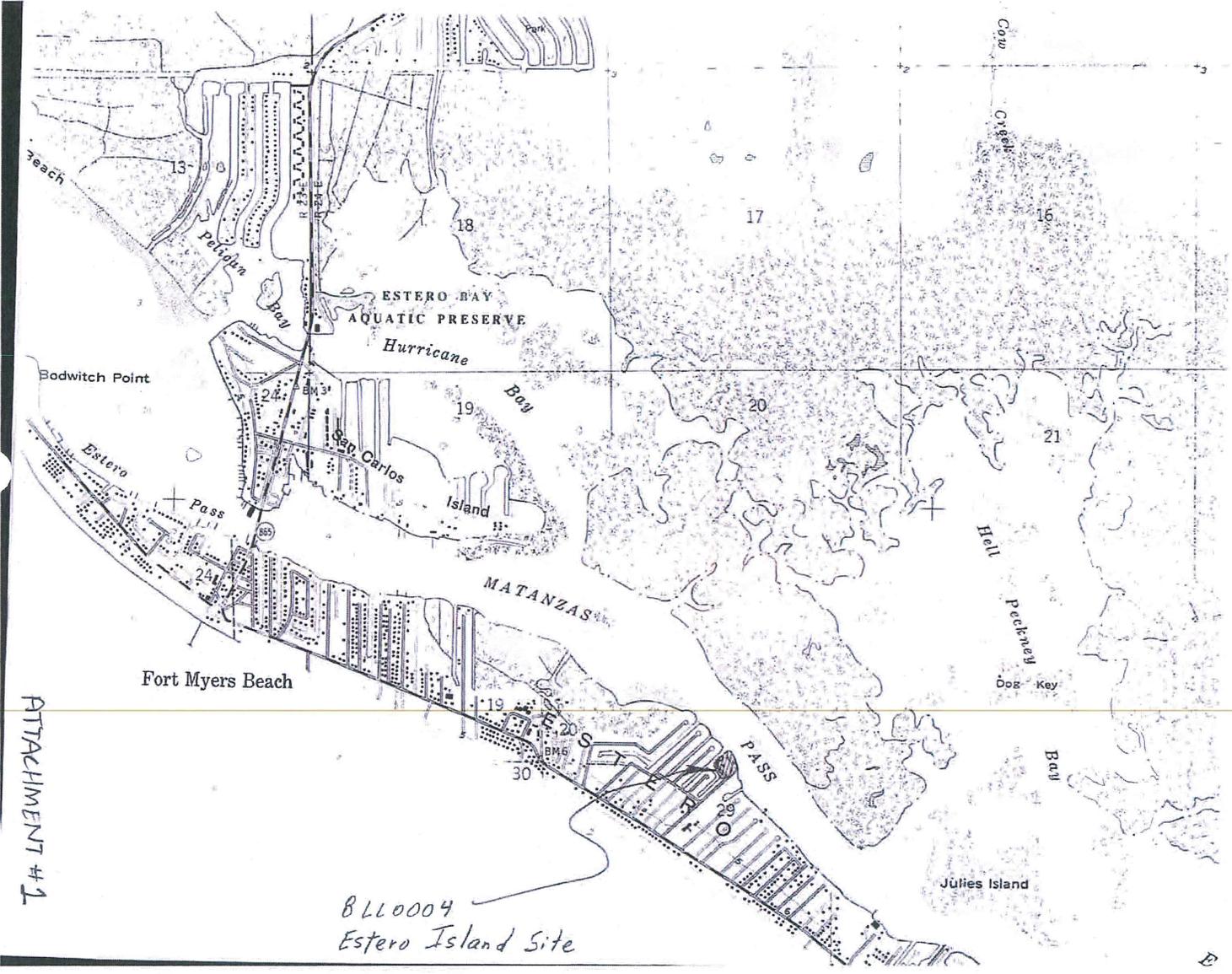
- excavate 30cm dia. STP to min depth 50cmbs, max 100cmbs
- screen for artifacts (1/4" mesh) - all to remain w/ Mound House
- document STP, including GPS location
- use 8" concrete form tube to contain setting materials (white sand, pebbles, concrete); cap end w/ landscape fabric
- backfill around (outside) tube forms with excavated material
- set posts 15.5" below surface, or appropriate depth to achieve desired panel height (maintain 15.5" min)
- to avoid leeching, do not include rebar

NOTE water table and tides will influence panels over time - place panels well above mean high tide levels.

PROJECT # 3184	PROJECT NAME Mound House		LEGEND [diagonal lines] unexcavated	MAP # 3 of 3
SITE # 8LL4	SUBJECT schematic of proposed excavation for panel posts		[triangle] backfill	COMPASS 
DATE 2.4.15	TEST UNIT	LEVEL	[dots] concrete	5cm 
BY emp		DEPTH	[circles] pebbles	
			[dashed] sand	



* sand & pebbles will help capture and keep concrete mix from entering the unexcavated site matrix; if excavation exceeds 50cmbs, additional sand & pebbles may be necessary



ATTACHMENT #1

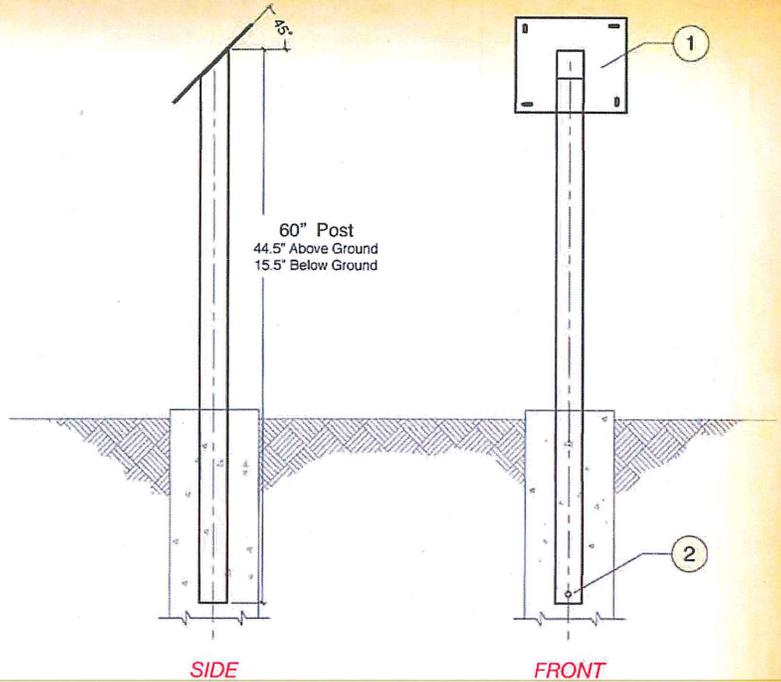
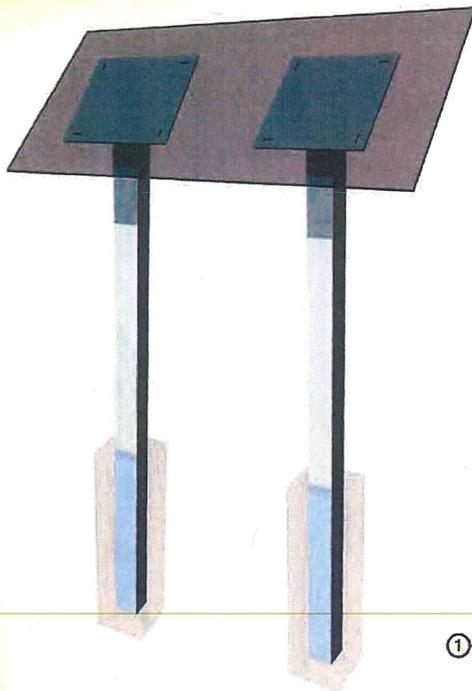
BLL0004
Estero Island Site

FOSSIL INDUSTRIES

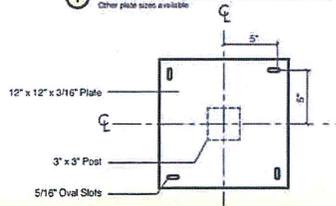
DOUBLE POST PEDESTAL: In Ground

- Black Powder Coated Aluminum
- Custom Sizes and Colors Available

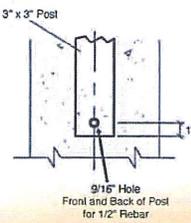
Part #: DPG1212



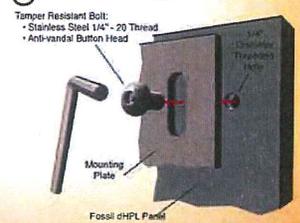
① Mounting Plate
Other plate sizes available



② Underground Portion of Post



③ Attaching Panel to Hardware



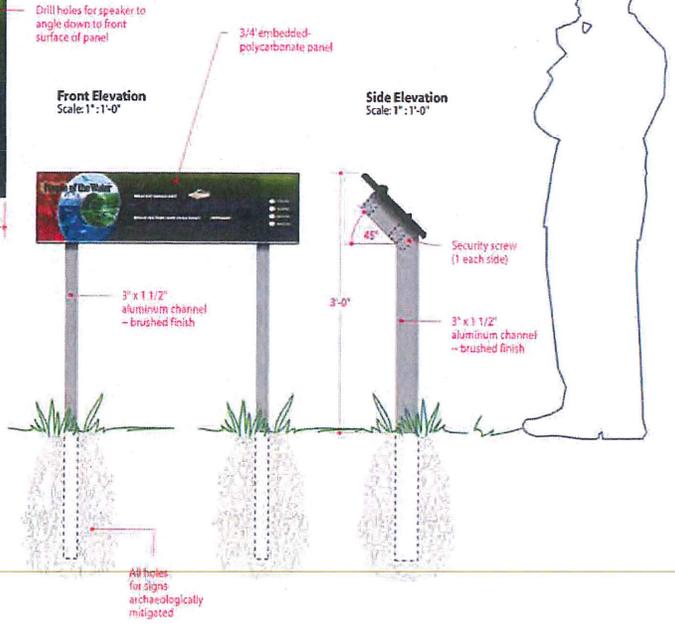
WWW.FOSSILGRAPHICS.COM

ATTACHMENT #2

Exterior Interpretive Panel
Scale: 1:5

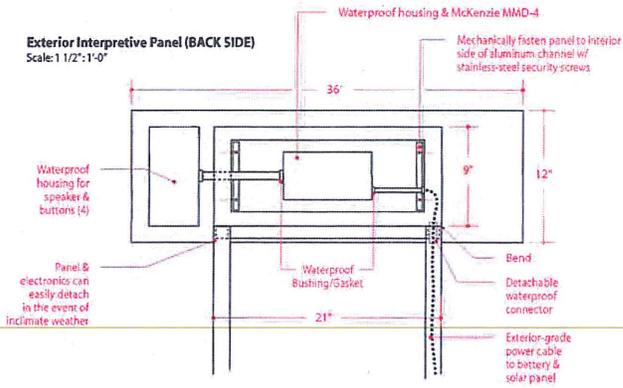


Front Elevation
Scale: 1':1'-0"



Side Elevation
Scale: 1':1'-0"

Exterior Interpretive Panel (BACK SIDE)
Scale: 1 1/2":1'-0"



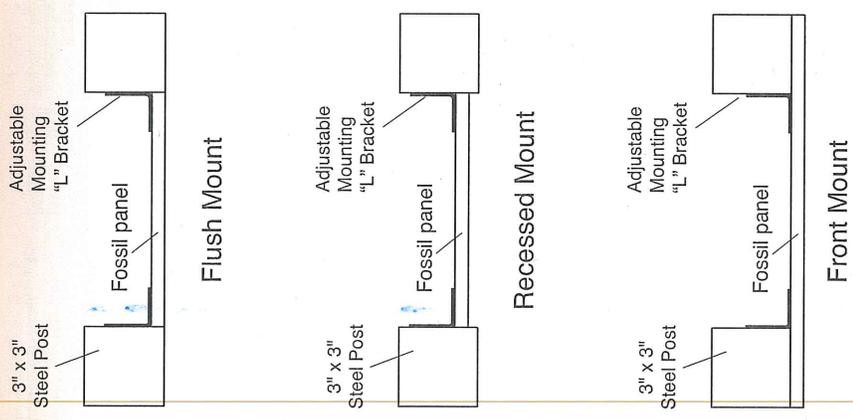
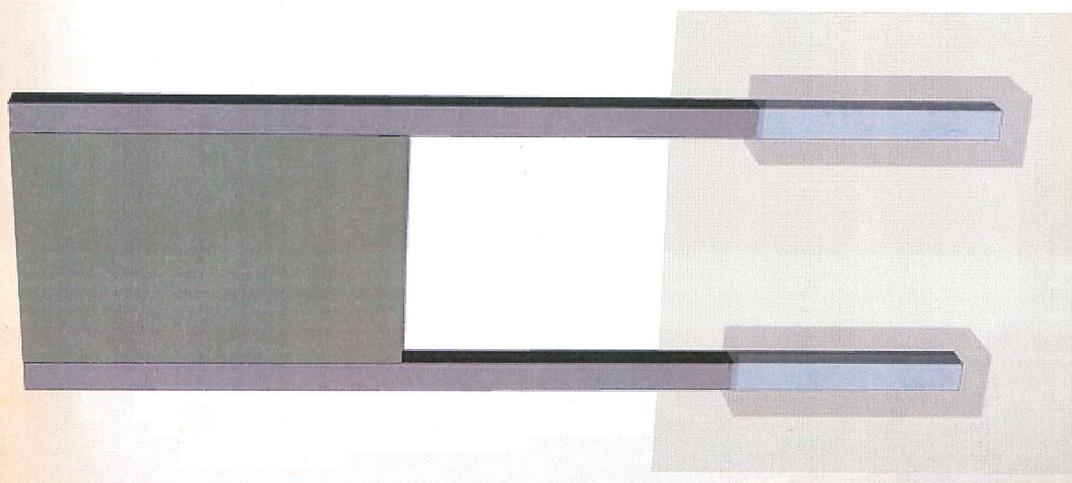
SYNERGY DESIGN GROUP
1725 Mahan Drive
Lutz, FL 33509-5201
PH 800 313 2300 FX 606 313 1501

The Mound House Site
Fort Myers Beach, FL

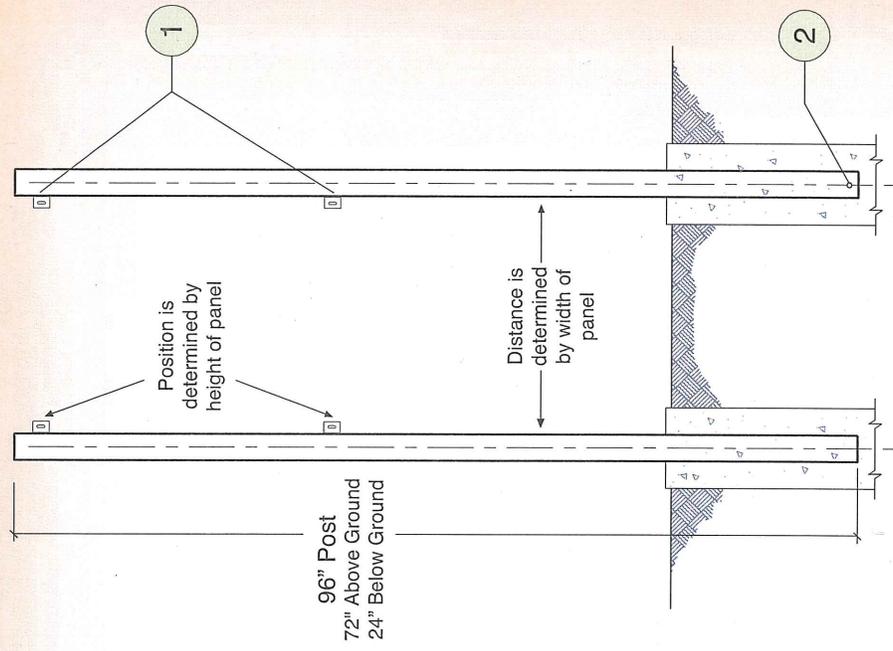
Exterior Interpretive Panels

SCALE: as noted
PAGE: 8
DATE: 9.30.07

ATTACHMENT #3



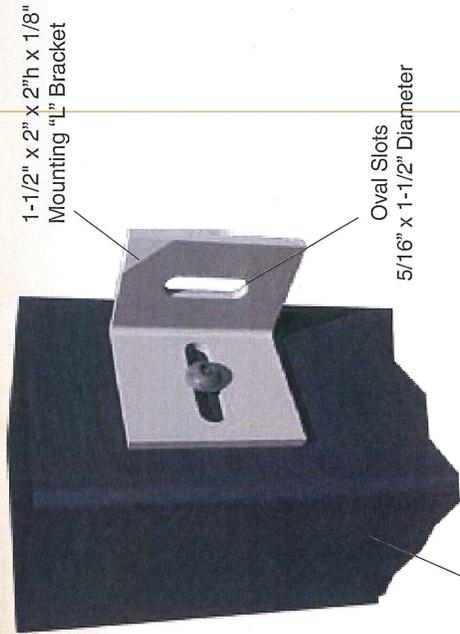
TOP



UPRIGHT DOUBLE IN-GROUND POST

Part #: UDG4

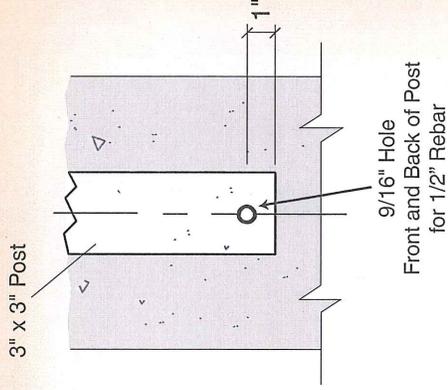
** Custom sizes available upon request



Mounting Holes for "L" bracket every 3 inches from top of post

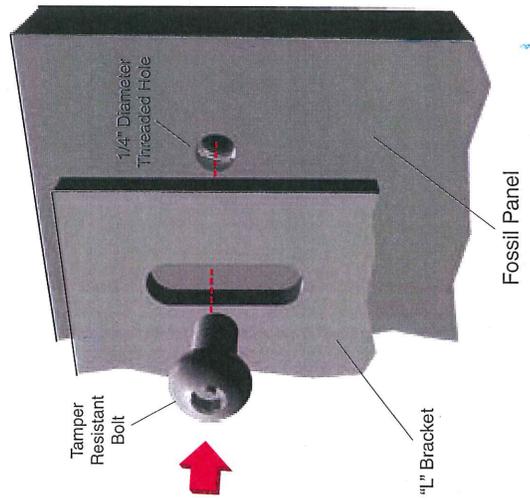
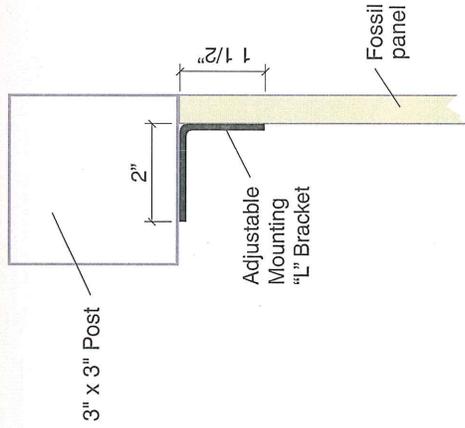
1

Adjustable Steel Mounting "L" Shaped Bracket



2

Underground Portion of Post



1/2" FOSSIL PANEL ON FOSSIL SUPPORT

TAMPER RESISTENT BOLT:

- BUTTON-HEAD ANTI-VANDAL SCREWS
- 1/2" LONG X 1/4" -20 THREAD
- STAINLESS STEEL

3/4" FOSSIL PANEL ON FOSSIL SUPPORT

TAMPER RESISTENT BOLT:

- BUTTON-HEAD ANTI-VANDAL SCREWS
- 5/8" LONG X 1/4" -20 THREAD
- STAINLESS STEEL

1" FOSSIL PANEL ON FOSSIL SUPPORT

TAMPER RESISTENT BOLT:

- BUTTON-HEAD ANTI-VANDAL SCREWS
- 3/4" LONG X 1/4" -20 THREAD
- STAINLESS STEEL

INCLUDES:

