

**Commonwealth of Massachusetts**  
**Executive Office of Environmental**  
**Affairs ■ MEPA Office**

**ENF Environmental**  
**Notification Form**

<i>For Office Use Only</i> <i>Executive Office of Environmental Affairs</i>	
EOEA No.:	<u>14317</u>
MEPA Analyst:	<u>Aisling Eglinton</u>
Phone:	617-626- <u>1064</u>

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: <b>Lot 22, Pico Beach Road - Single-Family Dwelling</b>		
Street: <b>Pico Beach Road</b>		
Municipality: <b>Mattapoisett</b>	Watershed: <b>Buzzards Bay</b>	
Universal Transverse Mercator Coordinates:	Latitude: 41.652091 Longitude: -70.786198	
Estimated commencement date: <b>Spring 2009</b>	Estimated completion date: <b>Fall 2009</b>	
Approximate cost: <b>\$300,000.00</b>	Status of project design: <b>80 %complete</b>	
Proponent: <b>Frank D'Orlando</b>		
Street: <b>31 Heartstone Drive</b>		
Municipality: <b>Medfield</b>	State: <b>MA</b>	Zip Code: <b>02052</b>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <b>Tricia Brennan</b>		
Firm/Agency: <b>LEC Environmental Consultants Inc.</b>	Street: <b>36 Cordage Park Circle, Suite 312</b>	
Municipality: <b>Plymouth</b>	State: <b>MA</b>	Zip Code: <b>02360</b>
Phone: <b>(508) 746-9491</b>	Fax: <b>(508) 746-9492</b>	E-mail: <b>southlec@lecenvironmental.com</b>

Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?  
 Yes  No

Has this project been filed with MEPA before?  
 Yes (EOEA No. \_\_\_\_\_)  No

Has any project on this site been filed with MEPA before?  
 Yes EOE No. \_\_\_\_  No

Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:

a Single EIR? (see 301 CMR 11.06(8))	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
a Special Review Procedure? (see 301CMR 11.09)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
a Waiver of mandatory EIR? (see 301 CMR 11.11)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
a Phase I Waiver? (see 301 CMR 11.11)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres): N/A

Are you requesting coordinated review with any other federal, state, regional, or local agency?  
 Yes (Specify \_\_\_\_\_)  No

List Local or Federal Permits and Approvals: N/A

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- |                                 |                                       |  |
|---------------------------------|---------------------------------------|--|
| <input type="checkbox"/> Land   | <input type="checkbox"/> Rare Species | <input checked="" type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input type="checkbox"/> Water  | <input type="checkbox"/> Wastewater   | <input type="checkbox"/> Transportation                              |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air          | <input type="checkbox"/> Solid & Hazardous Waste                     |
| <input type="checkbox"/> ACEC   | <input type="checkbox"/> Regulations  | <input type="checkbox"/> Historical & Archaeological Resources       |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
<b>LAND</b>				<input type="checkbox"/> Order of Conditions <input checked="" type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit  <input type="checkbox"/> New Source Approval  <input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input type="checkbox"/> Other Permits (including Legislative Approvals) – Specify:
Total site acreage	0.24			
New acres of land altered		0		
Acres of impervious area	0	0	0	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		2320 in CD and LSCSF		
Acres of new non-water dependent use of tidelands or waterways		0		
<b>STRUCTURES</b>				
Gross square footage	1600 with decks.			
Number of housing units	1			
Maximum height (in feet)	35'			
<b>TRANSPORTATION</b>				
Vehicle trips per day	N/A			
Parking spaces	N/A			
<b>WASTEWATER</b>				
Gallons/day (GPD) of water use	N/A			
GPD water withdrawal	N/A			
GPD wastewater generation/ treatment	N/A			

Length of water/sewer mains (in miles)	N/A		
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**CONSERVATION LAND:** Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

Yes (Specify \_\_\_\_\_)  No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

Yes (Specify \_\_\_\_\_)  No

**RARE SPECIES:** Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

Yes (Specify \_\_\_\_\_)  No

**HISTORICAL /ARCHAEOLOGICAL RESOURCES:** Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes (Specify \_\_\_\_\_)  No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify \_\_\_\_\_)  No

**AREAS OF CRITICAL ENVIRONMENTAL CONCERN:** Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes  No

**PROJECT DESCRIPTION:** The project description should include (a) a description of the project site, (b) a description of both on-site and off-site alternatives and the impacts associated with each alternative, and (c) potential on-site and off-site mitigation measures for each alternative (You may attach one additional page, if necessary.)

The proposed project involves construction of a 30-foot x 30-foot single-family dwelling (900 sf), associated pervious parking area (720 sf), utilities and cantilevered wooden deck (700 sf). Work activities (dwelling and deck) on the Coastal Dune for the dwelling will require driving 12 concrete pilings (16" x 16" concrete columns supported by 24" diameter concrete filled, steel pipe casings) used to support a dwelling elevated between 9 and 10 feet above grade. Other activities in the dune include the installation of underground utilities (tie-in to Town water and sewer that is available on the road), the construction of a wooden staircase and the planting of beach grass (no greater than 12" on center). The proposed pervious driveway is located within Land Subject to Coastal Storm Flowage (LSCSF) and the Buffer Zone to Coastal Dune, BVW and Salt Marsh. The driveway will be composed of crushed shells or stone and will require minor fill and grading activity, as depicted on the *Plans*. An 18 inch high stone retaining wall will support a portion of the parking area.

The proposed single-family dwelling is located within Coastal Dune and LSCSF. The dwelling will be serviced by existing water and sewer utilities along Pico Beach Road. Due to the location of the dwelling in LSCSF, an open, concrete column foundation will elevate the proposed structure above the 100-year flood elevation (Elevation 18) in compliance with FEMA and the State Building Code. All construction will be in compliance with state and local building code regulations for flood hazard areas. All temporarily disturbed dune area will be restored to pre-existing grades and replanted with beach grass, where applicable. Prior to any work activity, the Limit of Work will be staked out and erosion control measures will be installed, as needed.

The alternative to proposing the dwelling on the Coastal Dune would be to locate the dwelling on the

opposite side of Pico Beach Road in the vicinity of the proposed pervious parking area. A 21 foot x 30 foot concrete slab and pervious driveway would provide for parking, a majority of which would be beneath the proposed dwelling and deck. This alternative would have direct impacts on LSCSF and with the cantilevered dwelling and deck on the north side, there will be a 325 sf of indirect (shading) impacts on BVW and salt marsh. As a result, a BVW replication area of 265 sf along the east and west sides of the dwelling would be proposed.

**LAND SECTION – all proponents must fill out this section**

**I. Thresholds / Permits**

Does the project meet or exceed any review thresholds related to **land** (see 301 CMR 11.03(1)) \_\_\_  
 Yes  No; if yes, specify each threshold:

**II. Impacts and Permits**

A. Describe, in acres, the current and proposed character of the project site, as follows:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Footprint of buildings	<u>0</u>	<u>0</u>	<u>0.02</u>
Roadways, parking, and other paved areas	<u>0</u>	<u>0</u>	<u>0.016</u>
Other altered areas (describe)			
Undeveloped areas	<u>0</u>	<u>0</u>	<u>0</u>

B. Has any part of the project site been in active agricultural use in the last three years? \_\_\_ Yes  No; if yes, how many acres of land in agricultural use (with agricultural soils) will be converted to nonagricultural use?

C. Is any part of the project site currently or proposed to be in active forestry use? \_\_\_ Yes  No; if yes, please describe current and proposed forestry activities and indicate whether any part of the site is the subject of a DEM-approved forest management plan:

D. Does any part of the project involve conversion of land held for natural resources purposes in accordance with Article 97 of the Amendments to the Constitution of the Commonwealth to any purpose not in accordance with Article 97? \_\_\_ Yes  No; if yes, describe:

E. Is any part of the project site currently subject to a conservation restriction, preservation restriction, agricultural preservation restriction or watershed preservation restriction? \_\_\_ Yes  No; if yes, does the project involve the release or modification of such restriction? \_\_\_ Yes \_\_\_ No; if yes, describe:

F. Does the project require approval of a new urban redevelopment project or a fundamental change in an existing urban redevelopment project under M.G.L.c.121A? \_\_\_ Yes  No; if yes, describe:

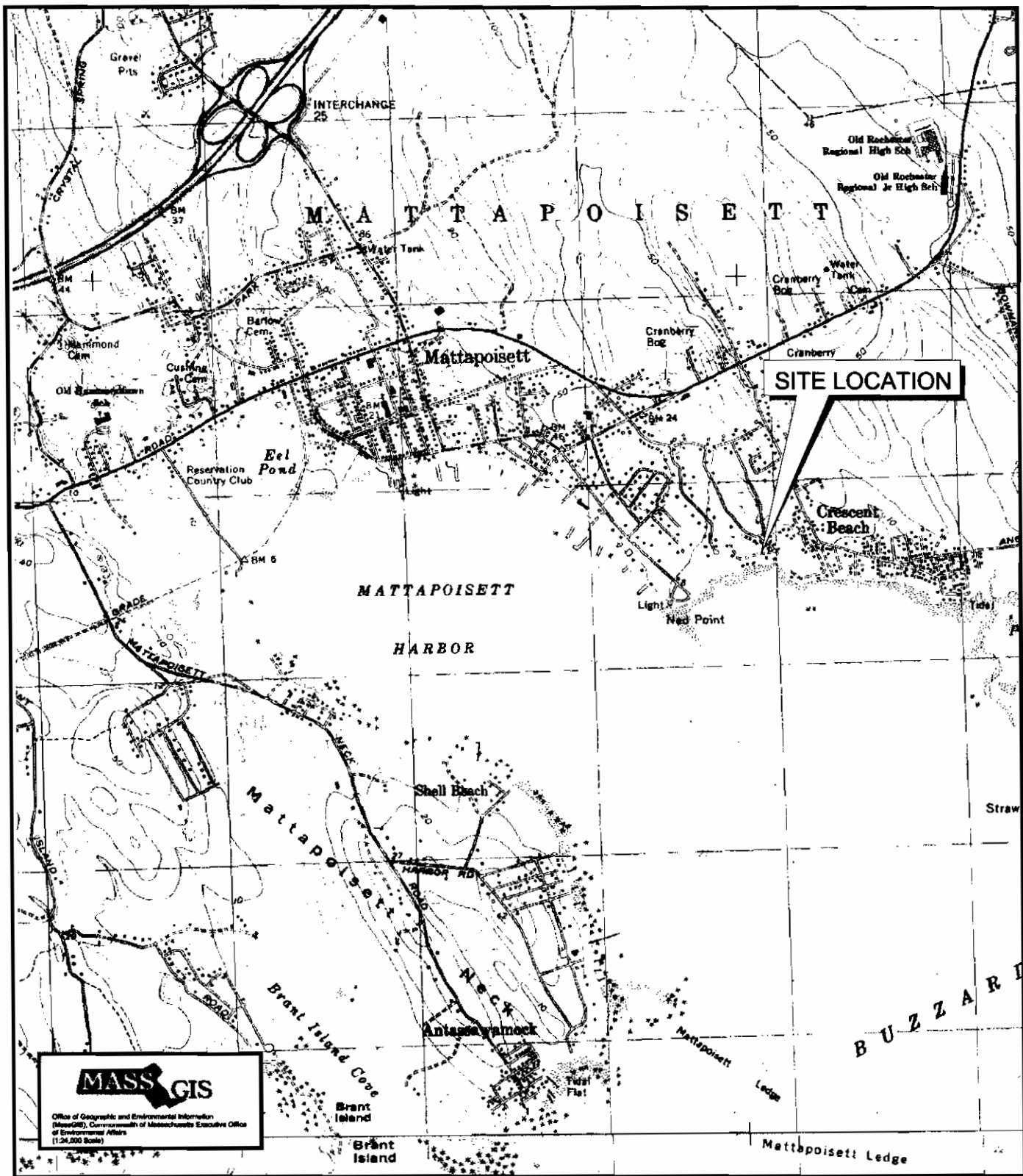
G. Does the project require approval of a new urban renewal plan or a major modification of an existing urban renewal plan under M.G.L.c.121B? Yes \_\_\_ No  ; if yes, describe:

H. Describe the project's stormwater impacts and, if applicable, measures that the project will take to comply with the standards found in DEP's Stormwater Management Policy: **See Project Description**

I. Is the project site currently being regulated under M.G.L.c.21E or the Massachusetts Contingency Plan? Yes \_\_\_ No  ; if yes, what is the Release Tracking Number (RTN)?

J. If the project is site is within the Chicopee or Nashua watershed, is it within the Quabbin, Ware, or Wachusett subwatershed? \_\_\_ Yes  No; if yes, is the project site subject to regulation under the Watershed Protection Act? \_\_\_ Yes \_\_\_ No

K Describe the project's other impacts on land: **See Project Description.**




  
**Environmental Consultants, Inc.**  
 36 Cordage Park Circle, Suite 312  
 Plymouth, MA 02360  
 508.746.9491; 508.746.9492 Fax  
 southlec@ecenvironmental.com

**USGS Topographic Map**  
**Pico Beach Road**  
**Mattapoisett, Massachusetts**



**Figure**  
**1**