

ENVIRONMENTAL IMPACT STATEMENT

Client Name: _____

Project No.: _____

Job Location: _____

Is the project subject to any of the following?

If yes, please state the status of permitting.

- | | |
|--|---|
| <input type="checkbox"/> MEPA (Mass. Environmental Protection Act) | <input type="checkbox"/> Mass. Chapter 91 Licensing |
| <input type="checkbox"/> MESA (Mass. Endangered Species Act) | <input type="checkbox"/> Mass. Hwy. Chapter 61 |
| <input type="checkbox"/> Mass. Wetlands Protection Act | |
| <input type="checkbox"/> USACE (U.S. Army Corps of Engineers) | <input type="checkbox"/> EPA NPDES Phase II |

Other state/federal permits not listed above: _____

I. Natural Environment

A. Air

- | | <u>Yes</u> | <u>No</u> |
|--|--------------------------|--------------------------|
| 1. Will the project disperse any smoke, dust, dirt, fly ash or any particulate matter into the atmosphere? | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Will any radioactive or poisonous gas or material be dispersed into the atmosphere? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Will the project during any phase of the construction or operation, cause thermal pollution to the air? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Will the project emit, produce or store any noxious or odorous materials? | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Will any glare be produced during any phase of the construction or operation that would cause a nuisance to surrounding property? | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Will any artificial light of an intensity greater than one foot candle, five feet above the ground at the lot line be present? | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Will there NOT be adequate air circulation around the structure(s) once completed? | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Will there be any noise generated greater than those allowed in the environmental requirements of this Board of Appeals? | <input type="checkbox"/> | <input type="checkbox"/> |

NOTE: If the "yes" box is checked for any item, please explain or attach comments.

- | B. Land | <u>Yes</u> | <u>No</u> |
|--|--------------------------------|--------------------------|
| 1. Will there be any soil used as fill? If yes, please attach comments - is the fill from on-site or off-site? what is the estimated quantity of fill? | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Will the existing soils at the construction site be stripped or removed from their current location and be placed elsewhere? If yes, please attach comments - what is the estimated quantity of earth removal? what is the proposed hauling route? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Will any soil be stockpiled on the site?
If yes, state method of erosion control:_____ | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Will adequate erosion control NOT be implemented during and after construction? | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Will construction take place on a wetland or on an area subject to flooding? | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Will there be any removal of ledge or other large rock formation? | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Are there any natural land features that are peculiar to the area or are of special scenic or historical value? | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Will there be any disposal or storage of radioactive, poisonous, putrescible, noxious or odorous material in the soil? | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. What soil types exist at this location, and what method was used to establish this information? | Please attach comments. | |
| 10. Are the existing soils previously disturbed, and if so, how? | Please attach comments. | |

C. Water

- | | | |
|--|--------------------------|--------------------------|
| 1. Will this project discharge any effluent into any stream, brook, lake, pond or any other body of water? | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Will the project pipe, divert or alter in way, any body of water? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Are there any underground streams on the site? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Will the project affect the existing water table in any way? | <input type="checkbox"/> | <input type="checkbox"/> |

NOTE: If the "yes" box is checked for any item, please explain or attach comments.

- | | <u>Yes</u> | <u>No</u> |
|--|--------------------------------|--------------------------|
| 5. Will the project cause thermal pollution of any surface or groundwater? | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Will there be any storage of any material on the site that may contaminate surface or groundwater? | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Will NO provisions be made for prevention of the diversion of surface water from its natural, existing flow onto abutting land during construction or after completion? | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Is this property within an Aquifer Protection Overlay District per Section 205-57?
Is this property within a DEP-defined Zone II ? | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. What is the water table on this tract of land, and how was this determined? | Please attach comments. | |

D. Wildlife (Flora & Fauna)

If yes below, please attach comments.

- | | | |
|---|--------------------------|--------------------------|
| 1. Will it be necessary to remove trees or natural foliage in areas other than areas within fifteen feet of the sides and rear of any foundation, parking areas drives, leaching areas? | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are there any rare or endangered species of animals present that use the site as a source of food or water, or as a refuge or habitat? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Are there any rare plant or tree species on the site? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Will any new trees be planted? | <input type="checkbox"/> | <input type="checkbox"/> |

E. Scenic Beauty

- | | | |
|--|--------------------------|--------------------------|
| 1. Will this project damage any area of uncommon scenic beauty in any way? | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Will the structure(s), after completion, contrast sharply with the surrounding environment? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Will any signs be used after completion of the project? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Will there NOT be any precautions taken to prevent wind blown litter? | <input type="checkbox"/> | <input type="checkbox"/> |

NOTE: If the "yes" box is checked for any item, please explain or attach comments.

Yes No

5. Will any land be set aside for conservation purposes?
- If yes, will the land be deeded to the Town?

II. Man Made Environment

A. Surrounding Land Use **If yes below, please attach comments.**

1. After completion, will the structure(s) NOT be congruous with the abutting properties?
2. Will the structure(s), after completion detract from the surrounding properties?
3. Are there any "green belts~ or buffer zones within the project?

B. Density

1. Assuming 3.5 persons per dwelling unit, what will the population density per acre be? _____
2. What is the population density per acre of the surrounding area (within a radius of 1/2 mile)? _____

C. Construction Plan

1. Complete the following:
- a. Building Type _____
 - b. Size _____
 - c. Floor Area _____
 - d. No. of Bedrooms _____
 - e. Type of Construction _____
2. What is the percentage of the tract of land to be occupied by buildings, parking and drives? _____%
3. Is this project proposed in phases? Yes No

If yes, please attach comments.

NOTE: If the "yes" box is checked for any item, please explain or attach comments.

III. Public Services and Facilities

A. What type of sewerage facilities will be provided? _____

What is the public or centralized wastewater facility proposal or the projected sewage flow generated per unit, as defined by Title V of the State's Sanitary Code and the Town of Plymouth's Board of Health? _____

B. What type of water supply will be provided? _____

C. Will easements be needed to complete drainage and/or sewer systems? _____

1. Are easements within tract of land? _____

2. Are easements outside tract of land? _____

3. Will easements be deeded to the Town? _____

D. How many automobile vehicle trips per hour will be generated in the immediate vicinity of the project? **Peak:** _____ **Average:** _____

E. What roads will provide the primary & secondary access to the project? _____

F. How many school aged children will this development generate? _____

G. What is the distance to the nearest:

1. Elementary School? _____

2. Junior High School? _____

3. High School? _____

4. Shopping Center? _____

5. Fire Station? _____

6. Police Station? _____

H. Is development on existing bus route? _____

NOTE: If the "yes" box is checked for any item, please explain or attach comments.

IV. Recreation

- A. What community facilities are within one mile of the development? _____
- B. What recreation facilities are to be provided by the developer? _____
- C. Is any part of the tract of land set aside for recreation area? _____ How Much? _____
- D. Will the land set aside for recreation, be deeded to the Town? _____
- E. Are there any public/private open lands, trails or walkways within the project?

<u>Yes</u>	<u>No</u>
<input type="checkbox"/>	<input type="checkbox"/>
- Are there any public/private open lands, trails or walkways abutting the project?

<input type="checkbox"/>	<input type="checkbox"/>
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- Are there any public/private open lands or trails within 500 feet of the project?

<input type="checkbox"/>	<input type="checkbox"/>
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If yes to any of E. above, please attach comments - have links been included within the project?

V. Economic Considerations

- A. What is the estimated tax return Plymouth will receive upon completion? _____
- B. Will this project involve State or Federal Funds? _____
- If so, copies of any required environmental impact assessment forms & statements must be submitted to the Board of Appeals.**
- C. What is the estimated construction time? _____
- D. Will this project cause the Town to expand any of its existing community services?

<u>Yes</u>	<u>No</u>
<input type="checkbox"/>	<input type="checkbox"/>
- If yes, please attach comments.**

VI. GENERAL

Will this project affect the Town, environment, or people in any way not mentioned?

If yes, please attach comments.

DATE: _____

SIGNATURE OF OWNER/AGENT: _____

ADDRESS: _____

NOTE: If the "yes" box is checked for any item, please explain or attach comments.