

CARL STONE  
*Vice-Chair*

ROSE TROMBETTA  
*Secretary*

DAVID KLOTZLE  
*Wetland Inspector*

**TOWN OF CARMEL**  
**ENVIRONMENTAL CONSERVATION BOARD**



60 McAlpin Avenue  
Mahopac, New York 10541  
Tel. (845) 628-1500 - Ext. 190  
[www.carmelny.org](http://www.carmelny.org)

**BOARD MEMBERS**

Edward Barnett  
Anthony Dusovic  
Robert Laga  
Marc Pekowsky  
Vincent Turano

**ENVIRONMENTAL CONSERVATION BOARD AGENDA**

**DECEMBER 5, 2013 – 7:30 P. M.**

**SUBMISSION OF AN APPLICATION OR LETTER OF PERMISSION**

| <b><u>APPLICANT</u></b>                        | <b><u>ADDRESS</u></b> | <b><u>TAX MAP #</u></b> | <b><u>COMMENTS</u></b>        |
|--|-----------------------|-------------------------|-------------------------------|
| 1. Westchester Modular Homes/<br>Hackett/David | 433 Barrett Hill Rd   | 53.-1-60                | Construct New Modular<br>Home |
| 2. Lake Mahopac Woods Assoc.                   | 386 West Lake Blvd    | 64.12-2-55              | Repair Seawall & Dock         |

**MISCELLANEOUS**

|   |                  |            |             |
|---|------------------|------------|-------------|
| 4. NYCDEP – Sycamore Park                           | 790 Long Pond Rd | 54.9-1-40  | Bond Return |
| 5. Gateway Summit – Lot 1<br>Hotel & Banquet Center | Route 6, Carmel  | 55.-2-24.1 | Bond Return |
| 6. Minutes – 11/7/2013                              |                  |            |             |



## Environmental Conservation Board

TOWN HALL- MAHOPAC, NY 10541- (845) 628-1500

**Richard Franzetti**  
Chairman  
**Carl Stone**  
Vice-Chair  
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Wetland Inspector

### Board Members

Edward Barnett  
Anthony Dusovic  
Robert Laga  
Marc Pekowsky  
Vincent Turano

### APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION

Name of Applicant: Westchester Modular Homes Construction Corp.  
Address of Applicant: 1995 Route 22, Brewster Email: APetererson@  
845-278-1700 ny 10509 westchestermodular.com  
Telephone#: 845-278-1700 Name & Address of Owner if different from Applicant: \_\_\_\_\_

David Hackett 433 Barrett Hill Road, Mahopac  
Property Address: 433 Barrett Hill Road Tax Map # 53.-1-60

Agency Submitting Application if Applicable: \_\_\_\_\_

Location of Wetland: 433 Barrett Hill Road

Size of Work Section & Specific Location: 3,730 S.E. per plan

Will Project Utilize State Owner Lands? If Yes, Specify: No

Type and extent of work (feet of new channel, yards of material to be removed, draining, dredging, filling, etc). A detailed description of the regulated activity. Remove existing single family house + garage currently located within 100' buffer. Replace with single family house and 2 car garage at slightly further distance from wetlands.

Proposed Starting Date: Dec. 2013 Completion Date: Feb. 2014 Amount of Fee Paid: 800.

### CERTIFICATION

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief, false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law. As a condition to the issuance of a permit, the applicant accepts full legal responsibility for all damage, direct or indirect, or whatever nature, and by whomever suffered, arising out of the project described herein and agrees to indemnify and save harmless the Town of Carmel from suits, actions, damages and costs of every name and description resulting from the said project.

[Signature]  
SIGNATURE

11.4.13  
DATE

Use this space for further explanation if necessary \_\_\_\_\_

617.20  
Appendix B  
Short Environmental Assessment Form

**Instructions for Completing**

**Part 1 - Project Information.** The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

|  |  |   |                                     |
|--|--|---|-------------------------------------|
| <b>Part 1 - Project and Sponsor Information</b>  |  |   |                                     |
| Name of Action or Project:<br><b>WESTCHESTER MODULAR HOMES CONSTRUCTION CORP</b>   |  |   |                                     |
| Project Location (describe, and attach a location map):<br><b>PROPOSED SITE PLAN FOR DAVID HACKETT</b>   |  |   |                                     |
| Project Location (describe, and attach a location map):<br><b>433 BARRETT HILL ROAD, MAHOPAC</b>   |  |   |                                     |
| Brief Description of Proposed Action:<br><b>REMOVE EXISTING RESIDENCE. CONSTRUCT NEW MODULAR HOME.</b>   |  |   |                                     |
| Name of Applicant or Sponsor:<br><b>ANDREW PETERSON</b>  |  | Telephone: <b>(845) 279-1700</b>                |                                     |
| Address:<br><b>1995 RTE 22,</b>  |  | E-Mail: <b>apeterson@westchestermodular.com</b> |                                     |
| City/PO:<br><b>BREWSTER</b>  |  | State:<br><b>NY</b>                             | Zip Code:<br><b>10509</b>           |
| 1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation?<br>If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.   |  | <b>NO</b>                                       | <b>YES</b>                          |
|  |  | <input checked="" type="checkbox"/>             |                                     |
| 2. Does the proposed action require a permit, approval or funding from any other governmental Agency?<br>If Yes, list agency(s) name and permit or approval:   |  | <b>NO</b>                                       | <b>YES</b>                          |
| <b>BUILDING PERMIT, WETLANDS PERMIT</b>  |  |   | <input checked="" type="checkbox"/> |
| 3.a. Total acreage of the site of the proposed action?   |  | <b>4.725</b> acres                              |                                     |
| b. Total acreage to be physically disturbed?   |  | <b>0.14</b> acres                               |                                     |
| c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?   |  | <b>4.725</b> acres                              |                                     |
| 4. Check all land uses that occur on, adjoining and near the proposed action.  |  |   |                                     |
| <input type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential (suburban)<br><input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other (specify): _____<br><input type="checkbox"/> Parkland |  |   |                                     |



|  |    |     |     |
|--|----|-----|-----|
| 5. Is the proposed action,   | NO | YES | N/A |
| a. A permitted use under the zoning regulations?   |    | ✓   |     |
| b. Consistent with the adopted comprehensive plan?   |    | ✓   |     |
| 6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?  | NO | YES |     |
|  |    | ✓   |     |
| 7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area?   | NO | YES |     |
| If Yes, identify: _____  | ✓  |     |     |
| 8. a. Will the proposed action result in a substantial increase in traffic above present levels?   | NO | YES |     |
|  | ✓  |     |     |
| b. Are public transportation service(s) available at or near the site of the proposed action?  |    | ✓   |     |
| c. Are any pedestrian accommodations or bicycle routes available on or near site of the proposed action?   |    | ✓   |     |
| 9. Does the proposed action meet or exceed the state energy code requirements?   | NO | YES |     |
| If the proposed action will exceed requirements, describe design features and technologies:<br><u>CONSTRUCTION OF RESIDENCE EXCEEDS ENERGY CODE</u>  |    | ✓   |     |
| 10. Will the proposed action connect to an existing public/private water supply?   | NO | YES |     |
| If No, describe method for providing potable water: <u>EXISTING WELL ON-SITE</u>   | ✓  |     |     |
| 11. Will the proposed action connect to existing wastewater utilities?   | NO | YES |     |
| If No, describe method for providing wastewater treatment: <u>EXISTING SEPTIC SYSTEM</u>   | ✓  |     |     |
| 12. a. Does the site contain a structure that is listed on either the State or National Register of Historic Places?   | NO | YES |     |
|  | ✓  |     |     |
| b. Is the proposed action located in an archeological sensitive area?  |    | ✓   |     |
| 13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?   | NO | YES |     |
|  |    | ✓   |     |
| b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?  | ✓  |     |     |
| If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____   |    |     |     |
| 14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:<br><input type="checkbox"/> Shoreline <input type="checkbox"/> Forest <input type="checkbox"/> Agricultural/grasslands <input type="checkbox"/> Early mid-successional<br><input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Urban <input checked="" type="checkbox"/> Suburban |    |     |     |
| 15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?   | NO | YES |     |
|  | ✓  |     |     |
| 16. Is the project site located in the 100 year flood plain?   | NO | YES |     |
|  | ✓  |     |     |
| 17. Will the proposed action create storm water discharge, either from point or non-point sources?   | NO | YES |     |
| If Yes.  |    |     |     |
| a. Will storm water discharges flow to adjacent properties? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  |    | ✓   |     |
| b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  |    |     |     |
| If Yes, briefly describe: _____  |    |     |     |

|   |                      |     |
|---|----------------------|-----|
| 18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)?<br>If Yes, explain purpose and size: <u>GUTTERS &amp; LEADERS DIRECTED TOWARDS PROPOSED CULTEC DRAINAGE SYSTEM FOR RETENTION</u> | NO                   | YES |
|   |                      | ✓   |
| 19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?<br>If Yes, describe: _____   | NO                   | YES |
|   | ✓                    |     |
| 20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?<br>If Yes, describe: _____   | NO                   | YES |
|   | ✓                    |     |
| I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE   |                      |     |
| Applicant/sponsor name: <u>Andrew Petersen</u>  | Date: <u>11/2/13</u> |     |
| Signature: <u>[Signature]</u>   |                      |     |

**Part 2 - Impact Assessment.** The Lead Agency is responsible for the completion of Part 2. Answer all of the following questions in Part 2 using the information contained in Part 1 and other materials submitted by the project sponsor or otherwise available to the reviewer. When answering the questions the reviewer should be guided by the concept "Have my responses been reasonable considering the scale and context of the proposed action?"

|  | No, or small impact may occur | Moderate to large impact may occur |
|--|-------------------------------|------------------------------------|
| 1. Will the proposed action create a material conflict with an adopted land use plan or zoning regulations?  |                               |                                    |
| 2. Will the proposed action result in a change in the use or intensity of use of land?   |                               |                                    |
| 3. Will the proposed action impair the character or quality of the existing community?   |                               |                                    |
| 4. Will the proposed action have an impact on the environmental characteristics that caused the establishment of a Critical Environmental Area (CEA)?                      |                               |                                    |
| 5. Will the proposed action result in an adverse change in the existing level of traffic or affect existing infrastructure for mass transit, biking or walkway?            |                               |                                    |
| 6. Will the proposed action cause an increase in the use of energy and it fails to incorporate reasonably available energy conservation or renewable energy opportunities? |                               |                                    |
| 7. Will the proposed action impact existing:<br>a. public / private water supplies?<br>b. public / private wastewater treatment utilities?                                 |                               |                                    |
| 8. Will the proposed action impair the character or quality of important historic, archaeological, architectural or aesthetic resources?                                   |                               |                                    |
| 9. Will the proposed action result in an adverse change to natural resources (e.g., wetlands, waterbodies, groundwater, air quality, flora and fauna)?                     |                               |                                    |



**Environmental Conservation Board**  
TOWN HALL - MAHOPAC, NY 10541 - (845) 628-1500

RICHARD FRANZETTI  
Chairman

ROSE TROMBETTA  
Secretary

DAVID KLOTZLE  
Wetland Inspector

**APPLICATION FOR A WETLAND PERMIT**  
**OR LETTER OF PERMISSION**

**MEMBERS**

Edward Barnett  
Anthony Dusovic  
Carl Stone  
Robert Laga  
Marc Pekowsky  
Vincent Turano

Name of Applicant: LAKE MAHOPAC WOODS ASSOCIATION / SEAN MCKEE

Address of Applicant: 19 CRICKET LANE, MAHOPAC Email: \_\_\_\_\_

Telephone #: \_\_\_\_\_ Name & Address of Owner if different from Applicant: \_\_\_\_\_

SEAN MCKEE 19 CRICKET LANE MAHOPAC NY

Property Address: 386 West Lake Blvd, Mahopac, NY Tax Map #: 64.12-255

Agency Submitting Application if Applicable: \_\_\_\_\_

Location of Wetland: BEACH PROPERTY

Size of Work Section & Specific Location: +/- 100 FEET OF SEAWALL AND +/- 60 FEET DOCK

Will Project Utilize State Owner Lands? If Yes, Specify: NO

Type and extent of work (feet of new channel, yards of material to be removed, draining, dredging, filling, etc. A detailed description of the regulated activity.

SEE ATTACHED SHEET

Proposed Starting Date: NOV. 1, 2013 Completion Date: DEC 15, 2013 Amount of Fee Paid: \_\_\_\_\_

**CERTIFICATION**

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief, false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law. As a condition to the issuance of a permit, the applicant accepts full legal responsibility for all damage, direct or indirect, or whatever nature, and by whomever suffered, arising out of the project described herein and agrees to Indemnify and save harmless the Town of Carmel from suits, actions, damages and costs of every name and description resulting from the said project.

[Signature]  
SIGNATURE

9/16/13  
DATE

Use this space for further explanation if necessary \_\_\_\_\_

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Appendix B  
Short Environmental Assessment Form

**Instructions for Completing**

**Part 1 - Project Information.** The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

| Part 1 - Project and Sponsor Information  |     |   |  |    |     |          |  |
|---|-----|---|--|----|-----|----------|--|
| Name of Action or Project:<br><b>BEACH WALL REPAIR AND DOCK REPAIR</b>  |     |   |  |    |     |          |  |
| Project Location (describe, and attach a location map):<br><b>386 WEST LAKE BLVD., MAHOPAC NY TAX MAP 64.12-2-55</b>  |     |   |  |    |     |          |  |
| Brief Description of Proposed Action:<br><div style="text-align: center;"> <b>PHASE I</b><br/> <b>POUR NEW CONCRETE ON TOP OF AND BEHIND EXISTING SEA WALL (CURRENTLY CONCRETE)</b><br/> <b>PHASE II</b><br/> <b>REPAIR FOOTINGS OF EXISTING DOCK</b> </div>  |     |   |  |    |     |          |  |
| Name of Applicant or Sponsor: <b>SEAN MCKEE + LAKE MAHOPAC WOODS ASSOCIATION</b>  |     | Telephone: <b>914 447 4639</b>            |  |    |     |          |  |
| Address:<br><b>19 CRICKET LANE</b>  |     | E-Mail: <b>SEANCLARKMCKEE19@GMAIL.COM</b> |  |    |     |          |  |
| City/PO:<br><b>MAHOPAC</b>  |     | State:<br><b>NY</b>                       | Zip Code:<br><b>10541</b>  |    |     |          |  |
| 1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation?<br>If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.  |     |   | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">NO</th> <th style="width: 50%;">YES</th> </tr> <tr> <td style="text-align: center; height: 40px;"><b>X</b></td> <td></td> </tr> </table> | NO | YES | <b>X</b> |  |
| NO  | YES |   |  |    |     |          |  |
| <b>X</b>  |     |   |  |    |     |          |  |
| 2. Does the proposed action require a permit, approval or funding from any other governmental Agency?<br>If Yes, list agency(s) name and permit or approval:  |     |   | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">NO</th> <th style="width: 50%;">YES</th> </tr> <tr> <td style="text-align: center; height: 40px;"><b>X</b></td> <td></td> </tr> </table> | NO | YES | <b>X</b> |  |
| NO  | YES |   |  |    |     |          |  |
| <b>X</b>  |     |   |  |    |     |          |  |
| 3.a. Total acreage of the site of the proposed action? <span style="float: right;"><u>+/- 1</u> acres</span><br>b. Total acreage to be physically disturbed? <span style="float: right;"><u>+/- 0.1</u> acres</span><br>c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? <span style="float: right;"><u>+/- 2</u> acres</span>  |     |   |  |    |     |          |  |
| 4. Check all land uses that occur on, adjoining and near the proposed action.<br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Urban    <input type="checkbox"/> Rural (non-agriculture)    <input type="checkbox"/> Industrial    <input type="checkbox"/> Commercial             </div> <div style="width: 50%;"> <input checked="" type="checkbox"/> Residential (suburban)             </div> <div style="width: 50%;"> <input type="checkbox"/> Forest    <input type="checkbox"/> Agriculture    <input checked="" type="checkbox"/> Aquatic    <input type="checkbox"/> Other (specify): <u>LAKE MAHOPAC</u> </div> <div style="width: 50%;"> <input type="checkbox"/> Parkland             </div> </div> |     |   |  |    |     |          |  |

|  |  | NO | YES    | N/A      |
|--|--|----|--------|----------|
| 5. Is the proposed action,<br>a. A permitted use under the zoning regulations?   |  |    | X      |          |
| b. Consistent with the adopted comprehensive plan?   |  |    | X      |          |
| 6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?  |  | NO |        | YES<br>X |
| 7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area?<br>If Yes, identify: LAKE MAHOPAC   |  | NO |        | YES<br>X |
| 8. a. Will the proposed action result in a substantial increase in traffic above present levels?   |  | NO |        | YES<br>X |
| b. Are public transportation service(s) available at or near the site of the proposed action?  |  |    | X      |          |
| c. Are any pedestrian accommodations or bicycle routes available on or near site of the proposed action?   |  |    | X      |          |
| 9. Does the proposed action meet or exceed the state energy code requirements?<br>If the proposed action will exceed requirements, describe design features and technologies:  |  | NO |        | YES<br>X |
| 10. Will the proposed action connect to an existing public/private water supply?<br>If No, describe method for providing potable water:  |  | NO |        | YES<br>X |
| 11. Will the proposed action connect to existing wastewater utilities?<br>If No, describe method for providing wastewater treatment:   |  | NO | X      | YES      |
| 12. a. Does the site contain a structure that is listed on either the State or National Register of Historic Places?<br>b. Is the proposed action located in an archeological sensitive area?  |  | NO | X<br>X | YES      |
| 13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?<br>b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?<br>If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres:  |  | NO |        | YES<br>X |
| 14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:<br><input checked="" type="checkbox"/> Shoreline <input type="checkbox"/> Forest <input type="checkbox"/> Agricultural/grasslands <input type="checkbox"/> Early mid-successional<br><input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Urban <input type="checkbox"/> Suburban           |  |    |        |          |
| 15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?   |  | NO | X      | YES      |
| 16. Is the project site located in the 100 year flood plain?   |  | NO | X      | YES      |
| 17. Will the proposed action create storm water discharge, either from point or non-point sources?<br>If Yes,<br>a. Will storm water discharges flow to adjacent properties? <input type="checkbox"/> NO <input type="checkbox"/> YES<br>b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)?<br>If Yes, briefly describe: <input type="checkbox"/> NO <input type="checkbox"/> YES |  | NO | X      | YES      |



|   |    |     |
|---|----|-----|
| 18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)?<br>If Yes, explain purpose and size: _____ | NO | YES |
| _____   | X  |     |
| 19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?<br>If Yes, describe: _____   | NO | YES |
| _____   | X  |     |
| 20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?<br>If Yes, describe: _____   | NO | YES |
| _____   | X  |     |
| <b>I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE</b>  |    |     |
| Applicant/sponsor name: <u>SEAN MCKEE</u> Date: <u>11/20/13</u>   |    |     |
| Signature: _____  |    |     |

**Part 2 - Impact Assessment.** The Lead Agency is responsible for the completion of Part 2. Answer all of the following questions in Part 2 using the information contained in Part 1 and other materials submitted by the project sponsor or otherwise available to the reviewer. When answering the questions the reviewer should be guided by the concept "Have my responses been reasonable considering the scale and context of the proposed action?"

|  | No, or small impact may occur | Moderate to large impact may occur |
|--|-------------------------------|------------------------------------|
| 1. Will the proposed action create a material conflict with an adopted land use plan or zoning regulations?  |                               |                                    |
| 2. Will the proposed action result in a change in the use or intensity of use of land?   |                               |                                    |
| 3. Will the proposed action impair the character or quality of the existing community?   |                               |                                    |
| 4. Will the proposed action have an impact on the environmental characteristics that caused the establishment of a Critical Environmental Area (CEA)?                      |                               |                                    |
| 5. Will the proposed action result in an adverse change in the existing level of traffic or affect existing infrastructure for mass transit, biking or walkway?            |                               |                                    |
| 6. Will the proposed action cause an increase in the use of energy and it fails to incorporate reasonably available energy conservation or renewable energy opportunities? |                               |                                    |
| 7. Will the proposed action impact existing:<br>a. public / private water supplies?<br>b. public / private wastewater treatment utilities?                                 |                               |                                    |
| 8. Will the proposed action impair the character or quality of important historic, archaeological, architectural or aesthetic resources?                                   |                               |                                    |
| 9. Will the proposed action result in an adverse change to natural resources (e.g., wetlands, waterbodies, groundwater, air quality, flora and fauna)?                     |                               |                                    |

## **Lake Mahopac Woods Association**

### **Description of proposed repair work to the beach property**

#### **Phase I**

##### **Sea wall repair:**

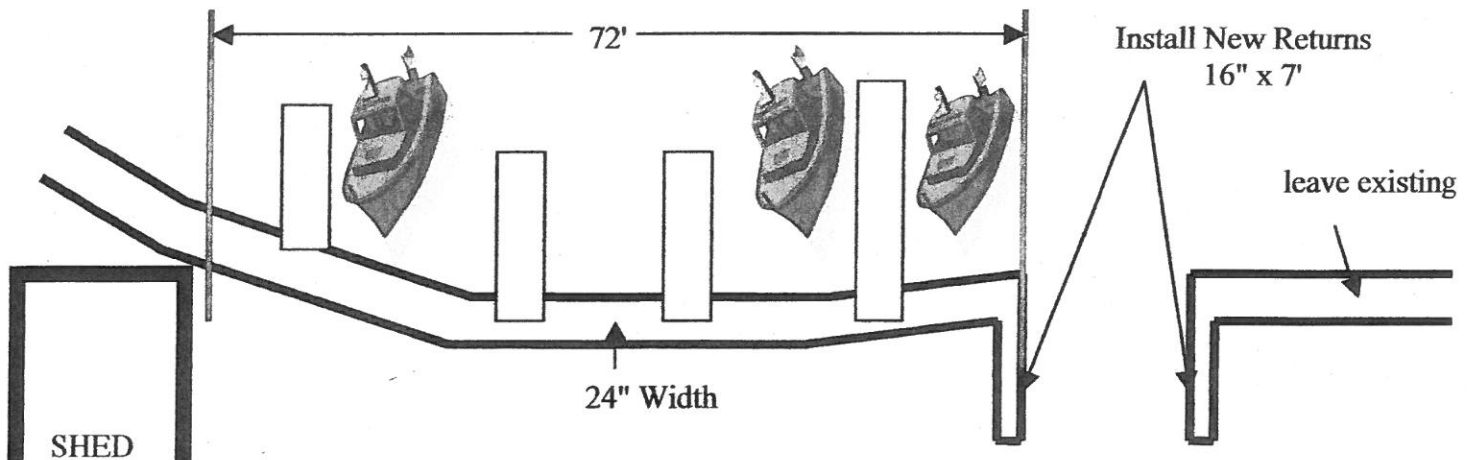
- Excavate sand on the beach side of the existing sea wall.
- Install wood and steel concrete forms on top of and behind the sea wall.
- Drill and epoxy steel rebar anchors to join new concrete to the existing concrete.
- Pour new concrete with integral steel rebar mat system

#### **Phase II**

##### **Dock repair:**

- Remove composite decking from existing wood framed boat dock
- Repair existing concrete foundation
- Repair, straighten and level existing wood framing
- Reinstall composite decking

**MAHOPAC WOODS BEACH ASSOCIATION HEAD WALL REHABILITATION  
PROJECT**



**Mahopac Woods Beach Association Head Wall Rehabilitation Project.**

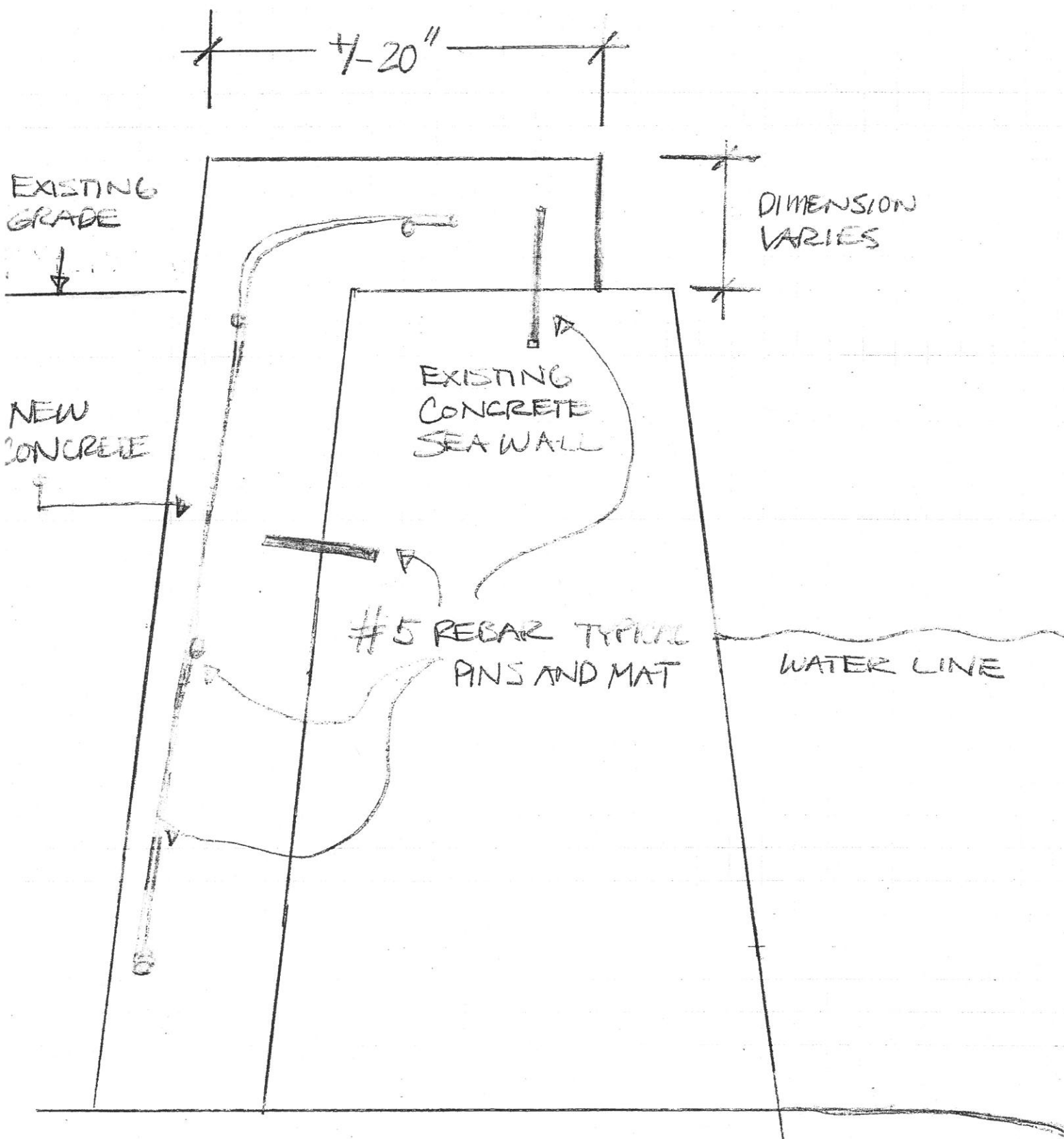
For permanent repair of collapsing concrete head wall and to correct beach erosion during heavy rainfall events.

Details of Work are as follows:

- Excavate and form new Head Wall Footing at a minimum depth and width of 36" x 16" for a total length of approximately 72'. Provide demolition of existing boat Ramp Entrance head wall ends back to a minimum of 18", excavate and form same footing dimensions and new returns 16" x 7' in length. All new Footings will include at least two continual properly set and placed parallel #5 Steel Reinforcing Bars.
- Using # 5 Reinforcing Steel Bar, hammer drill holes at a minimum of 4" depth into existing head wall (on both top surface and inside vertical) at a minimum spacing of 2' and epoxy the correct length of Steel Bar in place.
- Properly construct a Vertical Steel Bar Grid Mat on a 12" x 18" pattern from footing up to and above existing head wall.
- Construct concrete forms and install in sections to maximize concrete pour, new head wall will be installed at least 12" higher than existing head wall elevation. New Head Wall will have a Minimum dimension of 24" x 72'.
- Concrete (minimum Class C/3,000 psi) will be poured by truck into forms and returns.
- Forms will be removed the following day and job site will be cleaned.
- All construction work will be performed on land.

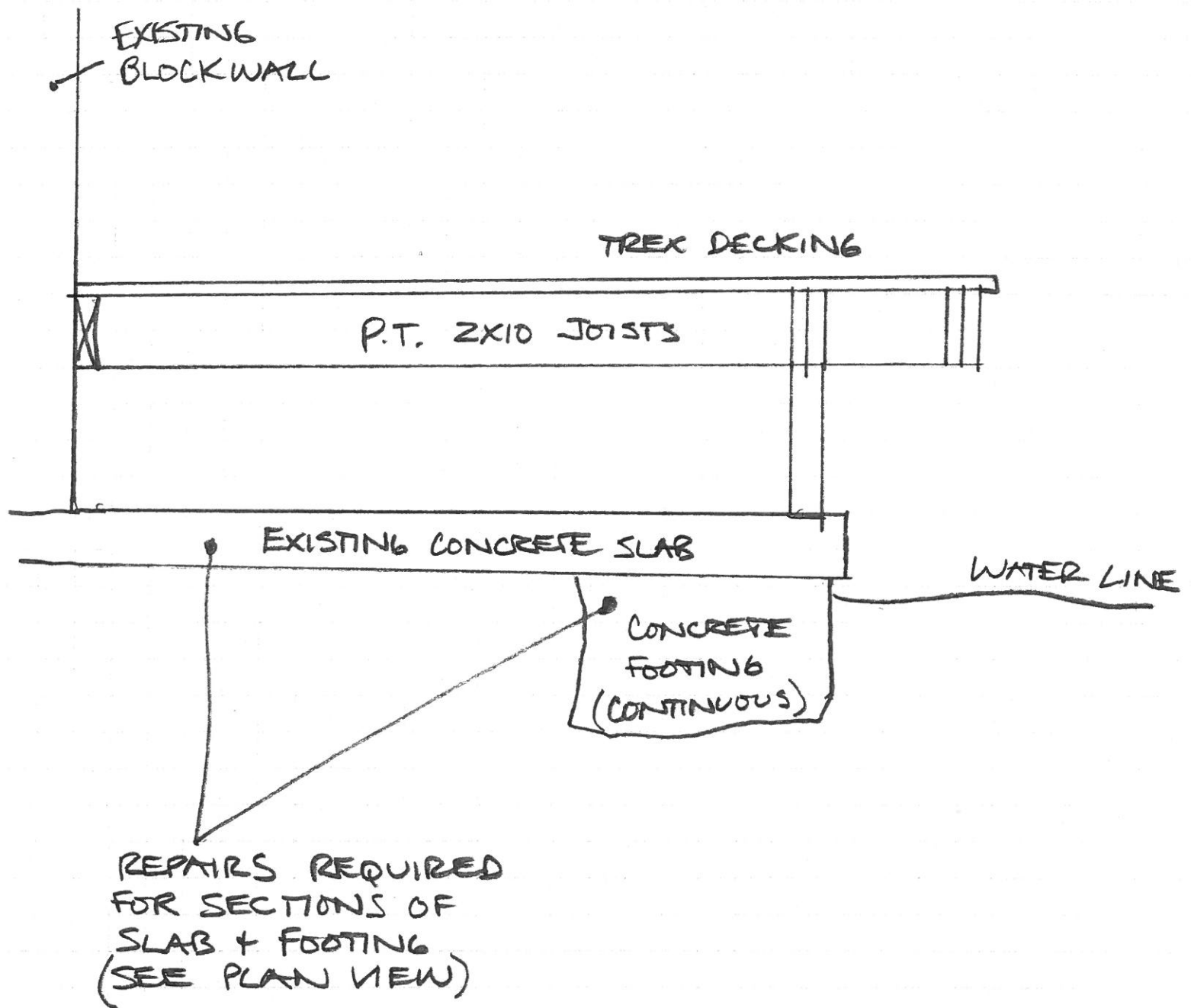
# LAKE MAHOPAC WOODS ASSOCIATION

## SEA WALL REPAIR CROSS SECTION



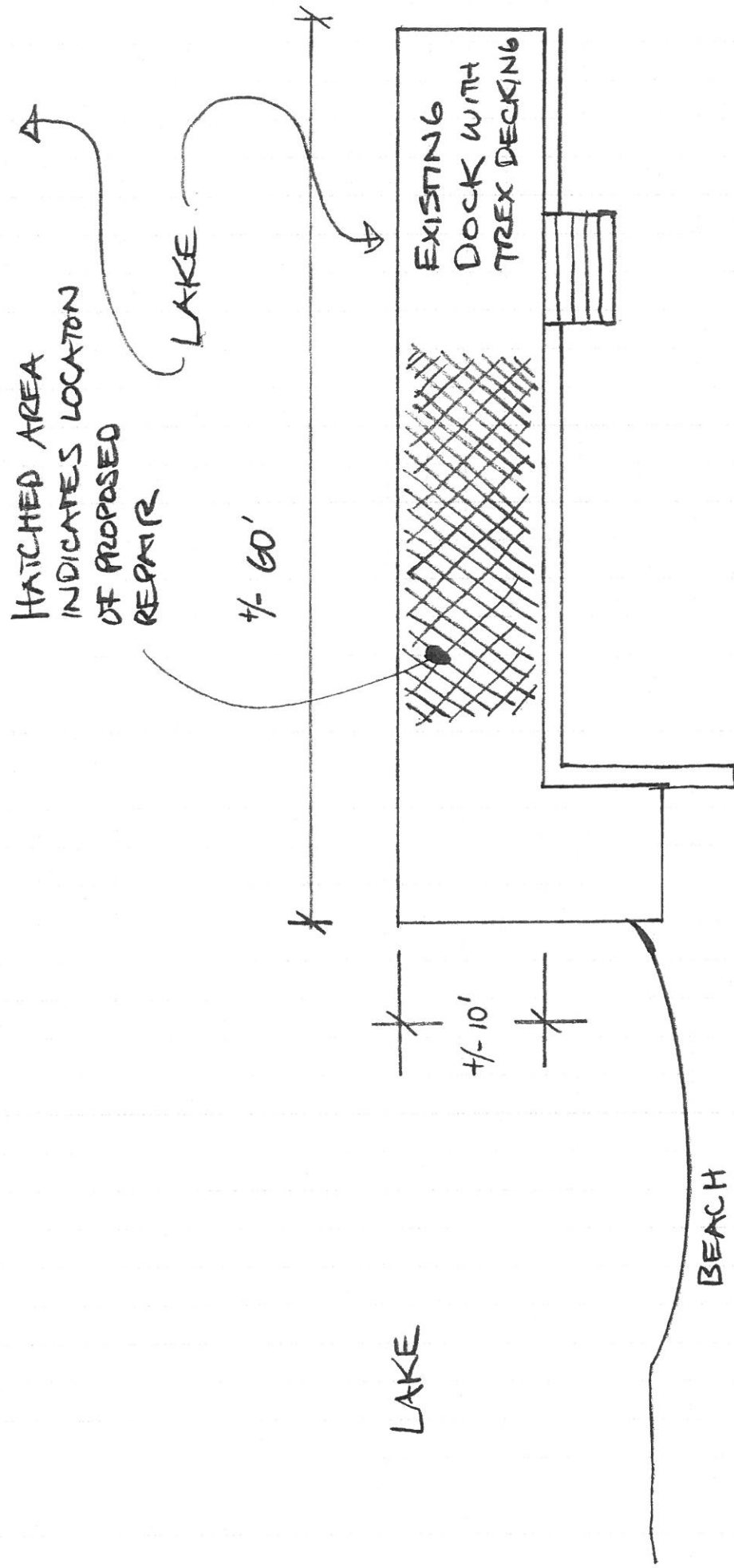


# LAKE MAHOPAC WOODS ASSOCIATION



# LAKE MAHOPAC WOODS ASSOCIATION

## DOCK REPAIR



David J Klotzle Wetland  
Inspector


Carmel Town Hall  
60 McAlpin  
Avenue □ Mahopac  
New York , 10541 □  
845 628-1500  
E-Mail: dklotzle@bestweb.net

To: Carmel ECB

Re : Sycamore Park Stormwater Landscaping by Transit Construction Corp.  
TM # : 54.9-1-40 at 790 Long Pond Rd.

This is to certify that bonded work performed at Sycamore Park including the planting of 86 trees has been satisfactorily completed. Trees are true to species and diameter at breast height seems in line with the bond re requirements of 2.5-4 inches. I therefore recommend a return of the \$ 15,000 performance bond held by the Town.

David J Klotzle



Wetland Inspector