

# Town of Westerly Rhode Island

Department of  
Development Services  
Planning Office



Town Hall  
45 Broad Street  
Westerly, RI 02891

## Memo of Review for Correctness and Completion

The attached FEMA Elevation Certificate has been reviewed by this office.  
The items noted below are not correct on the attached form and should read as entered on this  
page.

SECTION A - PROPERTY INFORMATION			For Insurance Company Use:
A1. Building Owner's Name			Policy Number
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.			Company NAIC Number
City	State	ZIP Code	

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) \_\_\_\_\_

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) \_\_\_\_\_

A5. Latitude/Longitude: Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Horizontal Datum:  NAD 1927  NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number \_\_\_\_\_

<p>A8. For a building with a crawlspace or enclosure(s):</p> <p>a) Square footage of crawlspace or enclosure(s) _____ sq ft</p> <p>b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____</p> <p>c) Total net area of flood openings in A8.b _____ sq in</p> <p>d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>A9. For a building with an attached garage:</p> <p>a) Square footage of attached garage _____ sq ft</p> <p>b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____</p> <p>c) Total net area of flood openings in A9.b _____ sq in</p> <p>d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
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SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number		B2. County Name		B3. State	
B4. Map/Panel Number <b>4400960259</b>	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)

- B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.  
 FIS Profile     FIRM     Community Determined     Other (Describe) \_\_\_\_\_
- B11. Indicate elevation datum used for BFE in Item B9:  NGVD 1929     NAVD 1988     Other (Describe) \_\_\_\_\_
- B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?  
 Yes  
 No  
 Designation Date \_\_\_\_\_     CBRS     OPA

Local Official's Name <b>David Murphy</b>	Title <b>Building Official</b>
Community Name <b>Town of Westerly</b>	Telephone <b>(401) 348-2546</b>
Signature <i>David Murphy</i>	Date <b>10-20-17</b>
Comments	

# ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

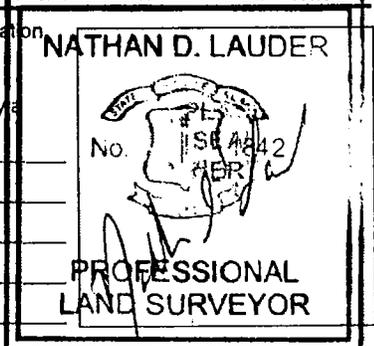
OMB No. 1660-0008  
 Expiration Date: July 31, 2015

SECTION A - PROPERTY INFORMATION		FOR INSURANCE COMPANY USE
A1. Building Owner's Name <u>Louis &amp; Ana Alosco</u>		Policy Number:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <u>69 Breach Drive</u>		Company NAIC Number:
City <u>Westerly</u>	State <u>RI</u>	ZIP Code <u>02891</u>
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <u>Plat 143 Lot 7</u>		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>		
A5. Latitude/Longitude: Lat. <u>41° 20' 05.7"N</u> Long. <u>71° 46' 05.0"W</u>		Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.		
A7. Building Diagram Number <u>6</u>		
A8. For a building with a crawspace or enclosure(s):		A9. For a building with an attached garage:
a) Square footage of crawspace or enclosure(s) <u>880</u> sq ft		a) Square footage of attached garage _____ sq ft
b) Number of permanent flood openings in the crawspace or enclosure(s) within 1.0 foot above adjacent grade <u>5</u>		b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____
c) Total net area of flood openings in A8.b <u>640</u> sq in		c) Total net area of flood openings in A9.b _____ sq in
d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number <u>Westerly Twon of #445410</u>		B2. County Name <u>Washington</u>		B3. State <u>RI</u>	
B4. Map/Panel Number <u>44009C02595</u>	B5. Suffix <u>J</u>	B6. FIRM Index Date <u>October 16, 2013</u>	B7. FIRM Panel Effective/Revised Date <u>October 16, 2013</u>	B8. Flood Zone(s) <u>AE</u>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <u>12</u>
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9. <input type="checkbox"/> FIS Profile <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date: _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)	
C1. Building elevations are based on: <input type="checkbox"/> Construction Drawings* <input type="checkbox"/> Building Under Construction* <input checked="" type="checkbox"/> Finished Construction *A new Elevation Certificate will be required when construction of the building is complete.	
C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters. Benchmark Utilized: <u>GPS-Local</u> Vertical Datum: <u>NAVD-88</u> Indicate elevation datum used for the elevations in items a) through h) below. <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____ Datum used for building elevations must be the same as that used for the BFE.	
Check the measurement used.	
a) Top of bottom floor (including basement, crawspace, or enclosure floor)	<u>4.49</u> <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor	<u>14.99</u> <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>N/A</u> <input type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab)	<u>N/A</u> <input type="checkbox"/> feet <input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<u>13.64</u> <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>3.5</u> <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>3.9</u> <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>4.1</u> <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION	
This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.	
<input checked="" type="checkbox"/> Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Check here if attachments.	
Certifier's Name <u>Nathan D. Lauder</u>	License Number <u>RI PLS #1842</u>
Title <u>Land Surveyor</u>	Company Name <u>Cherenzia &amp; Associates, Ltd.</u>
Address <u>99 Mechanic Street</u>	City <u>Pawcatuck</u> State <u>CT</u> ZIP Code <u>06379</u>
Signature <u>Nathan D. Lauder</u>	Date <u>10/15/2014</u> Telephone <u>860-629-6500</u>



**ELEVATION CERTIFICATE, page 2**

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>	<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 69 Breach Drive	Policy Number:
City Westerly State RI ZIP Code 02891	Company NAIC Number:

**SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)**

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments See attached Section D comment sheet. *Smart vent 5 @ 200 sq = 1000 \$ OK B.O. an*

Signature <i>[Handwritten Signature]</i>	Date 10/15/2014
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**SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)**

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
  - a) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_  feet  meters  above or  below the HAG.
  - b) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_  feet  meters  above or  below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is \_\_\_\_\_  feet  meters  above or  below the HAG.
- E3. Attached garage (top of slab) is \_\_\_\_\_  feet  meters  above or  below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is \_\_\_\_\_  feet  meters  above or  below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance?  Yes  No  Unknown. The local official must certify this information in Section G.

**SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION**

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner's or Owner's Authorized Representative's Name \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP Code \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_ Telephone \_\_\_\_\_

Comments \_\_\_\_\_  Check here if attachments.

**SECTION G – COMMUNITY INFORMATION (OPTIONAL)**

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

- G1.  The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2.  A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3.  The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number _____	G5. Date Permit Issued _____	G6. Date Certificate Of Compliance/Occupancy Issued _____
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- G7. This permit has been issued for:  New Construction  Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: \_\_\_\_\_  feet  meters Datum \_\_\_\_\_
- G9. BFE or (in Zone AO) depth of flooding at the building site: \_\_\_\_\_  feet  meters Datum \_\_\_\_\_
- G10. Community's design flood elevation: \_\_\_\_\_  feet  meters Datum \_\_\_\_\_

Local Official's Name \_\_\_\_\_ Title \_\_\_\_\_

Community Name \_\_\_\_\_ Telephone \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Comments \_\_\_\_\_  Check here if attachments.

# Building Photographs

See Instructions for Item A6.

**IMPORTANT: In these spaces, copy the corresponding information from Section A.**

FOR INSURANCE COMPANY USE

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.  
69 Breach Drive

Policy Number:

City Westerly

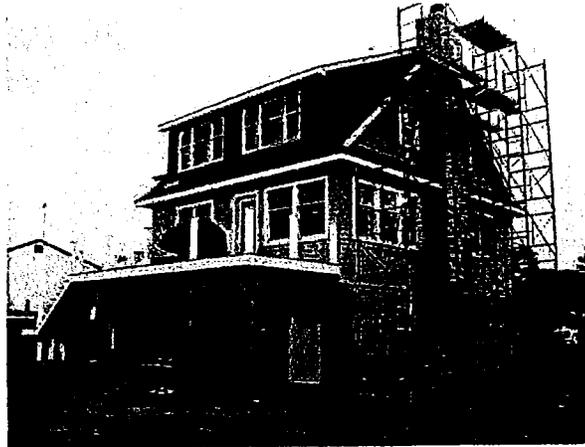
State RI

ZIP Code 02891

Company NAIC Number:

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.

All Photos taken 9/30/2014



North view front entrance



South view showing column piles, breakaway wall inserts  
Flood vents (typical) and Section C2e AC unit exterior to the structure

# Building Photographs

Continuation Page

**IMPORTANT: In these spaces, copy the corresponding information from Section A.**

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.  
69 Breach Drive

City Westerly

State RI

ZIP Code 02891

FOR INSURANCE COMPANY USE

Policy Number:

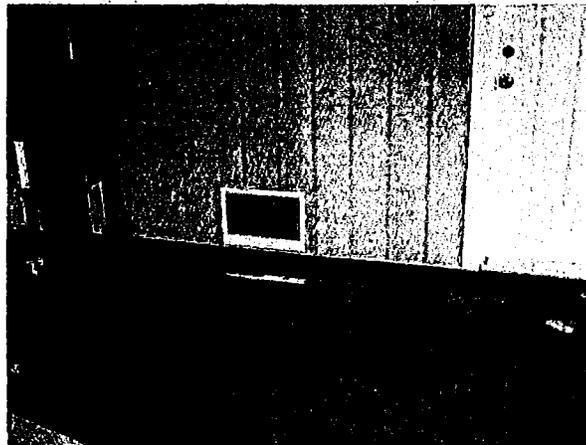
Company NAIC Number:

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.

All Photos taken 9/30/2014



Furnace located in the attic



Engineered Flood Vent (typical)

## Section D Comments

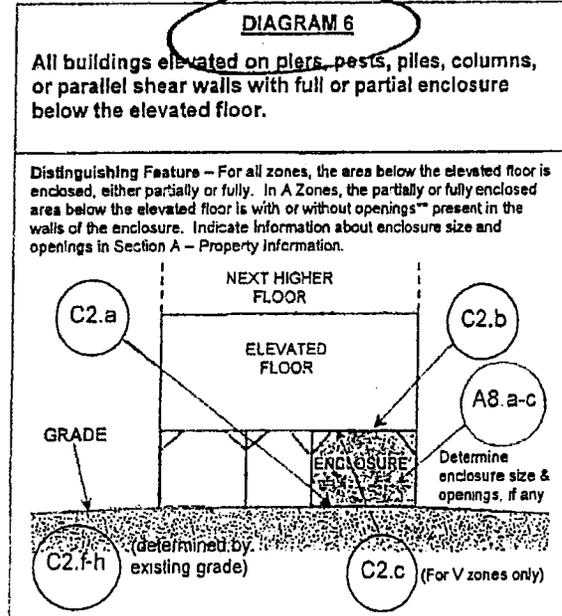
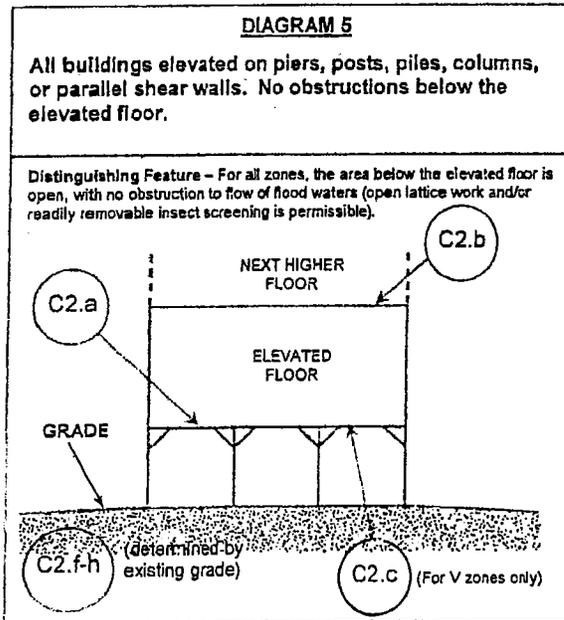
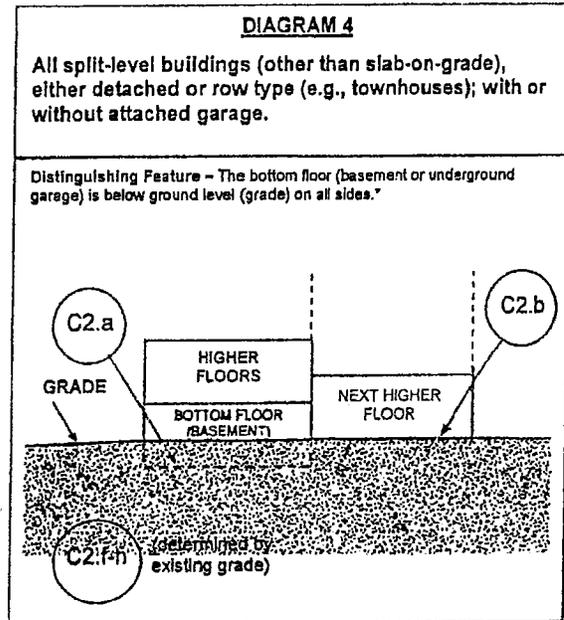
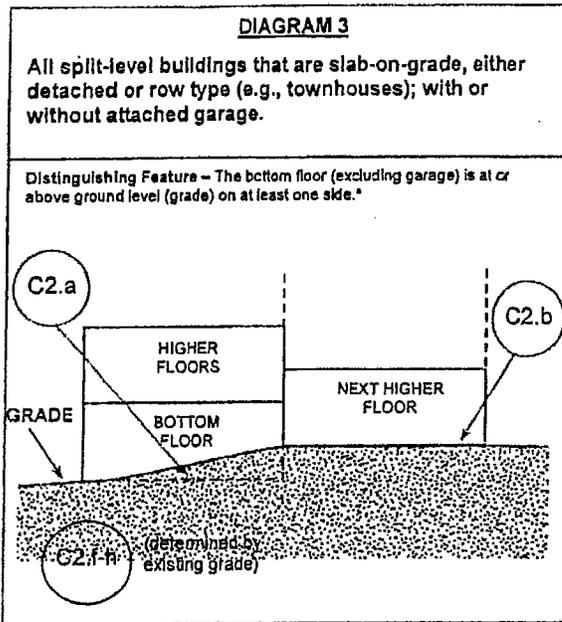
Structure is elevated floor on pier foundation. The area below the elevated floor is enclosed by breakaway walls and used for building access, garage space and storage.

Section A8c Flood vents: 5 Smart Vents are called for on the design plans and observed in the field. See photos

Section C2: Elevations are referenced to a GPS bench mark located at Cherenzia Companies corporate offices located approx. 4.2 miles from the site. The corporate office bench mark elevation was established from numerous GPS static observations and redundant OPUS reductions over the last 10+ years. A GPS static observation was used to transfer NAVD -88 datum to a local benchmark at the Atlantic Avenue site.

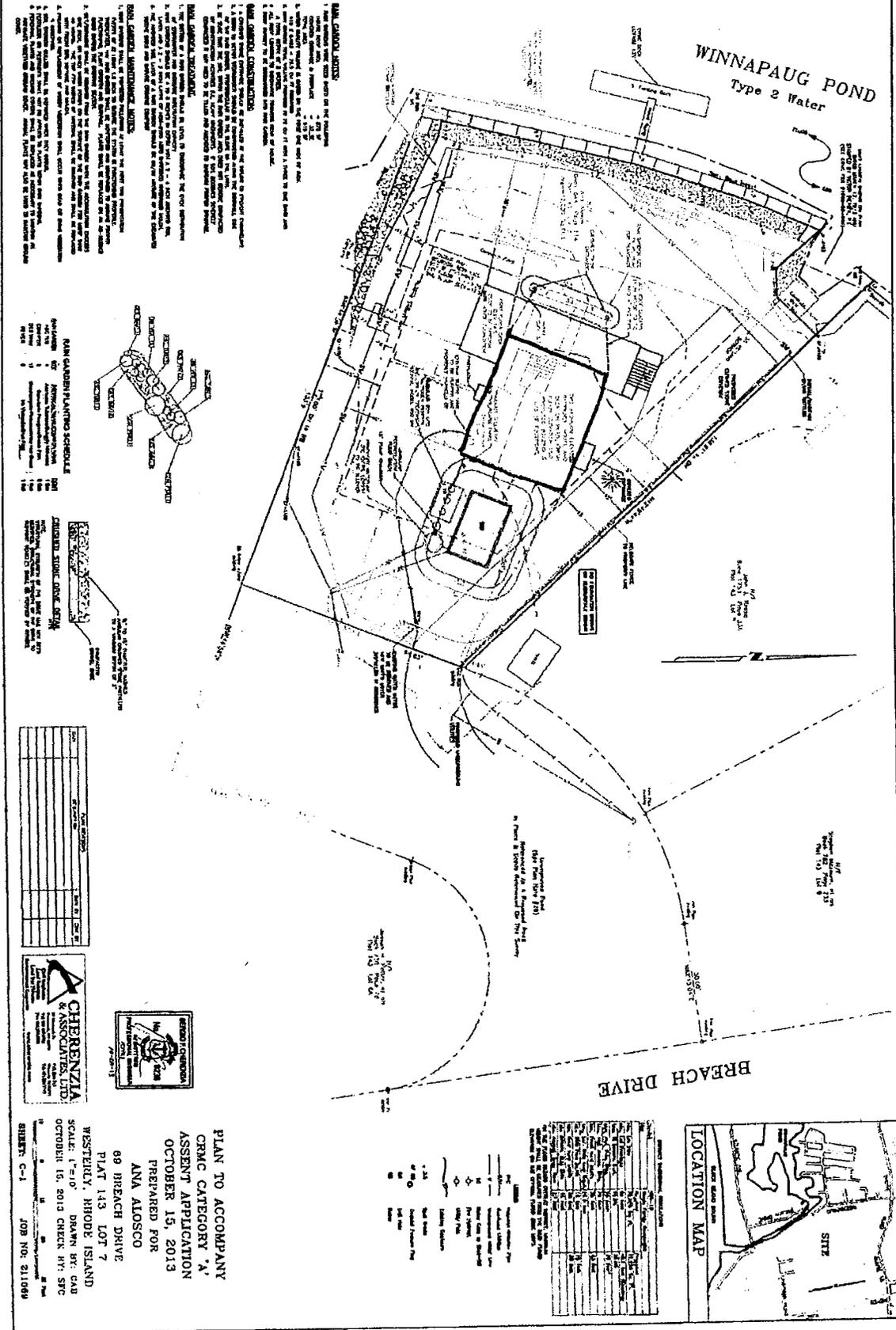
Section C2e: Air conditioning unit exterior to the unit (see photos). There is an on demand water heater on the 1<sup>st</sup> elevated floor and a furnace in the attic at elevation 33.7, see photo.

Section C2h: Grade shot at base of stairs on concrete slab.

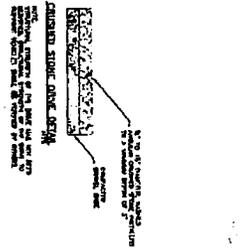
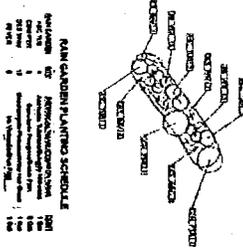


- \* A floor that is below ground level (grade) on all sides is considered a basement even if the floor is used for living purposes, or as an office, garage, workshop, etc.
- \*\* An "opening" is a permanent opening that allows for the free passage of water automatically in both directions without human intervention. Under the NFIP, a minimum of two openings is required for enclosures or crawlspaces. The openings shall provide a total net area of not less than one square inch for every square foot of area enclosed, excluding any bars, louvers, or other covers of the opening. Alternatively, an Individual Engineered Flood Openings Certification or an Evaluation Report issued by the International Code Council Evaluation Service (ICC ES) must be submitted to document that the design of the openings will allow for the automatic equalization of hydrostatic flood forces on exterior walls. A window, a door, or a garage door is not considered an opening; openings may be installed in doors. Openings shall be on at least two sides of the enclosed area. If a building has more than one enclosed area, each area must have openings to allow floodwater to directly enter. The bottom of the openings must be no higher than one foot above the higher of the exterior or interior grade or floor immediately below the opening. For more guidance on openings, see NFIP Technical Bulletin 1.

**WINNAPAUG POND**  
Type 2 Water



- GENERAL NOTES:**
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL AFFAIRS REGULATIONS, 915 CMR.
  2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL AFFAIRS.
  3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
  4. ALL UTILITIES SHALL BE LOCATED AND DEPTH MARKED PRIOR TO CONSTRUCTION.
  5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
  6. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
  7. THE CONTRACTOR SHALL MAINTAIN A RECORD OF ALL CONSTRUCTION ACTIVITIES.
  8. ALL MATERIALS AND METHODS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
  9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSURANCE COVERAGE.
  10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY LABORER SAFETY TRAINING.
  11. ALL CONSTRUCTION SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
  12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL AREAS TO ORIGINAL OR BETTER CONDITION.
  13. ALL CONSTRUCTION SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER.
  14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL AFFAIRS.
  15. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
  16. ALL UTILITIES SHALL BE LOCATED AND DEPTH MARKED PRIOR TO CONSTRUCTION.
  17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
  18. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
  19. THE CONTRACTOR SHALL MAINTAIN A RECORD OF ALL CONSTRUCTION ACTIVITIES.
  20. ALL MATERIALS AND METHODS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
  21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSURANCE COVERAGE.
  22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY LABORER SAFETY TRAINING.
  23. ALL CONSTRUCTION SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
  24. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL AREAS TO ORIGINAL OR BETTER CONDITION.
  25. ALL CONSTRUCTION SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER.



NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	10/15/13	ANALD
2	ISSUED FOR PERMIT	10/15/13	ANALD
3	ISSUED FOR PERMIT	10/15/13	ANALD
4	ISSUED FOR PERMIT	10/15/13	ANALD
5	ISSUED FOR PERMIT	10/15/13	ANALD
6	ISSUED FOR PERMIT	10/15/13	ANALD
7	ISSUED FOR PERMIT	10/15/13	ANALD
8	ISSUED FOR PERMIT	10/15/13	ANALD
9	ISSUED FOR PERMIT	10/15/13	ANALD
10	ISSUED FOR PERMIT	10/15/13	ANALD



**PLAN TO ACCOMPANY**  
**CRMC CATEGORY 'A'**  
**ASSENT APPLICATION**  
**OCTOBER 15, 2013**  
**PREPARED FOR**  
**ANA ALDOSO**  
**68 BREACH DRIVE**  
**PLAT 143, LOT 7**  
**WESTERLY, RHODE ISLAND**  
 SCALE: 1"=10'  
 DRAWN BY: CAB  
 OCTOBER 16, 2013 CHECK BY: SVC  
 SHEET: C-1 JOB NO: 211069

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	10/15/13	ANALD
2	ISSUED FOR PERMIT	10/15/13	ANALD
3	ISSUED FOR PERMIT	10/15/13	ANALD
4	ISSUED FOR PERMIT	10/15/13	ANALD
5	ISSUED FOR PERMIT	10/15/13	ANALD
6	ISSUED FOR PERMIT	10/15/13	ANALD
7	ISSUED FOR PERMIT	10/15/13	ANALD
8	ISSUED FOR PERMIT	10/15/13	ANALD
9	ISSUED FOR PERMIT	10/15/13	ANALD
10	ISSUED FOR PERMIT	10/15/13	ANALD

