

V-Zone Certification				
Property Information			For Insurance Company Use	
Name of Building Owner <u>MILTON HENDRICKSON</u>			Policy Number	
Building Address or Other Description <u>7010 FIREHOUSE LANE</u>				
City <u>LONGBOAT KEY</u>		State <u>FL</u>	Zip Code <u>34228</u>	
SECTION I: FLOOD INSURANCE RATE MAP (FIRM) INFORMATION				
Note: to be obtained from appropriate FIRMs				
Community Number <u>125126</u>	Panel Number <u>12081C</u>	Suffix <u>E</u>	Date of FIRM Index	FIRM Zone
SECTION II: ELEVATION INFORMATION			<u>3/17/2014</u>	<u>VE11</u>
Note: This form is not a substitute for an Elevation Certificate. Elevations should be rounded to nearest tenth of a foot.				
1. Elevation of the Bottom of Lowest Horizontal Structure Member	<u>14.9</u>	feet		
2. Base Flood Elevation	<u>11</u>	feet		
3. Elevation of Lowest Adjacent Grade	<u>4.8</u>	feet		
4. Approximate Depth of Anticipated Scour/Erosion Used for Foundation Design	<u>5</u>	feet		
5. Embedment Depth of Pilings or Foundation Below Lowest Adjacent Grade	<u>2.5</u>	feet		
6. Datum Used: _____	<u>NGVD '29</u>	<u>NAVD '88</u>	Other	
SECTION III: FLOOD INSURANCE RATE MAP (FIRM) INFORMATION				
Note: This section must be certified by a registered professional engineer or architect				
I certify that I have developed or reviewed the structural design, plans and specifications for construction and that the methods of construction to be used are in accordance with accepted standards of practice for meeting the following provisions:				
a) The bottom of the lowest horizontal structure member of the lowest floor (excluding the pilings or columns) is elevated to or above the BFE; and,				
b) The pile or column foundation and structure attached thereto is anchored to resist flotation, collapse and lateral movement due to the effects of the wind and water loads acting simultaneously on all building components. Water loading values used are those associated with the base flood including wave action. Wind loading values used are those required by the applicable State or local building code. The potential for scour and erosion at the foundation has been anticipated for conditions associated with the flood, including wave action.				
SECTION IV: FLOOD INSURANCE RATE MAP (FIRM) INFORMATION				
Note: This section must be certified by a registered professional engineer or architect				
I certify that I have developed or reviewed the structural design, plans and specifications for construction and that the design and methods of construction to be used for the breakaway walls are in accordance with accepted standards of practice for meeting the following provisions:				
c) Breakaway collapse shall result from water load less than that which would occur during the base flood; and,				
d) The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the effects of wind and water loads acting simultaneously on all building components (wind and water loading values defined in Section III)..				
SECTION V: CERTIFICATION				
(Check: Section III <input checked="" type="checkbox"/> and/or Section IV <input checked="" type="checkbox"/>)				
Name of Certifier <u>THOMAS F WINKLER</u>		Title <u>PRESIDENT</u>		
Firm Name <u>SEA, INC</u>		License Number <u>54400 PE</u>		
Street Address <u>4215 3RD AVE NE</u>		Phone Number <u>(941) 932 7274</u>		
City <u>BRADENTON</u>		State <u>FL</u>	Zip Code <u>34208</u>	
Signature <u>T. Winkler</u>		Date <u>10/12/18</u>		



Note: The V Zone design certificate is not a substitute for the NFIP Elevation Certificate (see Fact Sheet No. 1.4, Lowest Floor Elevation), which is required to certify as-built elevations needed for flood insurance rating.

V ZONE DESIGN CERTIFICATE

Name MILTON HENDRICKSON Policy Number (Insurance Co. Use) _____
 Building Address or Other Description 7010 FIREHOUSE LANE
 Permit No. _____ City LONGBOAT KEY State FL Zip Code 34228

SECTION I: Flood Insurance Rate Map (FIRM) Information

Community No. 125126 Panel No. _____ Suffix _____ FIRM Date _____ FIRM Zone(s) _____

SECTION II: Elevation Information Used for Design

[NOTE: This section documents the elevations/depths used or specified in the design - it does not document surveyed elevations and is not equivalent to the as-built elevations required to be submitted during or after construction.]

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|---|-------------|-------|
| 1. FIRM Base Flood Elevation (BFE)..... | <u>11</u> | feet* |
| 2. Community's Design Flood Elevation (DFE) | <u>11</u> | feet* |
| 3. Elevation of the Bottom of Lowest Horizontal Structural Member | <u>14.9</u> | feet* |
| 4. Elevation of Lowest Adjacent Grade | <u>4.8</u> | feet* |
| 5. Depth of Anticipated Scour/Erosion used for Foundation Design | <u>5</u> | feet |
| 6. Embedment Depth of Pilings or Foundation Below Lowest Adjacent Grade | <u>2.5</u> | feet |
- * Indicate elevation datum used in 1-4: NGVD29 NAVD88 Other _____

SECTION III: V Zone Design Certification Statement

I certify that: (1) I have developed or reviewed the structural design, plans, and specifications for construction of the above-referenced building and (2) that the design and methods of construction specified to be used are in accordance with accepted standards of practice** for meeting the following provisions:

- The bottom of the lowest horizontal structural member of the lowest floor (excluding piles and columns) is elevated to or above the BFE.
- The pile and column foundation and structure attached thereto is anchored to resist flotation, collapse, and lateral movement due to the effects of the wind and water loads acting simultaneously on all building components. Water loading values used are those associated with the base flood***. Wind loading values used are those required by the applicable State or local building code. The potential for scour and erosion at the foundation has been anticipated for conditions associated with the base flood, including wave action.

SECTION IV: Breakaway Wall Design Certification Statement

NOTE: This section must be certified by a registered engineer or architect when breakaway walls are designed to have a resistance of more than 20 psf (0.96 kN/m2) determined using allowable stress design]

I certify that: (1) I have developed or reviewed the structural design, plans, and specifications for construction of breakaway walls to be constructed under the above-referenced building and (2) that the design and methods of construction specified to be used are in accordance with accepted standards of practice** for meeting the following provisions:

- Breakaway wall collapse shall result from a water load less than that which would occur during the base flood***.
- The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the effects of wind and water loads acting simultaneously on all building components (see Section III).

SECTION V: Certification and Seal

This certification is to be signed and sealed by a registered professional engineer or architect authorized by law to certify structural designs. I certify the V Zone Design Certification Statement (Section III) and the Breakaway Wall Design Certification Statement (Section IV, check if applicable).

Certifier's Name THOMAS F WINKLER License Number 54400 (PE)
 Title PRESIDENT Company Name SEA, INC.
 Address 4215 3RD AVE NE
 City BRADENTON State FL Zip Code 34208
 Signature [Signature] Date 10/12/18 Telephone 941 932 7274

