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BY: *[Signature]*

V-ZONE CONSTRUCTION CERTIFICATE

Building Permit No. _____ Owner: Chambers
Street Address: 841 North Shure Dr.
City: Ann Maria State: FL Zip: 34216

Section I - Elevation Information

- 1. Bottom of the Lowest Horizontal Structural Member 17.5 ft.
- 2. Base Flood Elevation 11.0 ft.
- 3. Flood Protection Elevation 12.0 ft.
- 4. Elevation of Highest Adjacent Grade 6.1 ft.
- 5. Elevation of Lowest Adjacent Grade 3.4 ft.
- 6. Elevation of Bottom of Pilings or Foundation -11.0 ft.

Section II - V-Zone Certification Statement

I certify that based upon development and/or review of structural design, specifications, and plans for construction including consideration of the hydrostatic, hydrodynamic and impact loading involved, that the design and methods of construction 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 the pilings or columns) is elevated to or above the Flood Protection Elevation (F.P.E.).
- The pile or column foundation and structure attached thereto is anchored to resist flotation, collapse and lateral movement due to the effects of wind and water loads acting simultaneously on all building components.

Section III - Breakaway Wall Certification Statement

I certify that based upon development and/or review of structural design, specifications, and plans for construction that the design and methods of construction of the breakaway walls are in accordance with accepted standards of practice for meeting the following provisions:

- Breakaway collapse shall result from a safe design loading 20 pounds per square foot. Said walls are capable of resisting a safe design loading of 10 pounds per square foot.
- 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.
- The space below the lowest floor is useable solely for parking of vehicles, building access and storage.

Section IV - Certification

Check one: Section II _____ Section III _____ Sections II and III X

Certifier's Name: Charles SEGO

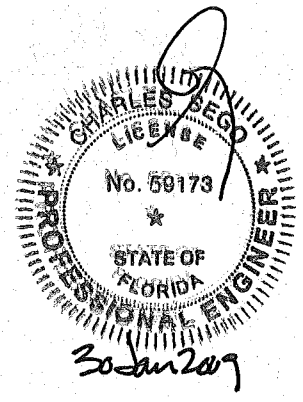
Title: _____ License Number: PE 59173

Company Name: SEGO & SEGO, LLC

Street Address: 113 Los Cedros Dr.

City: Ann Maria State: FL Zip: 34216-2106

Signature: *[Signature]* Telephone: (941) 778-8204



**SUPPLEMENTAL CODE ANALYSIS
FOR V-ZONES**

OWNER'S NAME: Chambers
FLOOD ZONE: V-14 ELEVATION REQUIRED +11.0 NGVD
LOCATION: 841 North Shore Dr.
SEALED SURVEY SUBMITTED SHOWING EXISTING GRADES ABOVE MEAN SEA LEVEL: X n
TYPE OF PILING Augercast STRUCTURAL ENGINEER Charles Sego
TYPE OF ENCLOSURE WALLS BELOW DFE Break-away
SHEAR WALLS PARALLEL TO THE FLOW OF WATER: YES _____ NO X

INCORPORATE V-ZONE CERTIFICATE AND BREAKAWAY CUT INTO ANALYSIS

ROOF UPLIFT LOADS REQUIREMENT AND TYPE OF ANCHORAGE Shown on plans
ROOF SHEATHING FASTENINGS REQUIREMENTS Shown on plans
ROOF SHINGLES OR COVERINGS (ROOF TILE) FASTENINGS REQUIREMENTS per roofing supplier
CLADDING WIND LOADS per FBC 2004 Shown on plans
ELEVATORS BREAKAWAY exempt from MEETS V-ZONE PERFORMANCE STANDARDS OF FEMA BULLETIN ~~88-3~~ TB5-93
STAIRS BREAKAWAY breakaway requirements MEETS V-ZONE PERFORMANCE STANDARDS OF FEMA BULLETIN ~~88-3~~ TB5-93
ALL WIND RESISTANCE CONNECTORS SHOWN ON PLANS YES
FLOOD RESISTANT MATERIALS LISTED BY TYPE & LOCATION Shown on plans
FLOOD RESISTANT MATERIALS LISTED BY TYPE & LOCATION _____
POTABLE WATER BACKFLOW PREVENTOR TYPE per Plumbing supplier LOCATION adjacent to H₂O meter

ARCHITECT'S OR ENGINEER'S SEAL REQUIRED

