U.S. DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
National Flood Insurance Program

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 WHITE USA, INC.

Policy Number:

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
7305 14th Ave S

Company NAIC Number:

City S Pasadena State FL ZIP Code 33707

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
P/O TRACT 1, COREY BRIDGEHEAD SUB PARCEL ID 30-31-16-18180-000-0121

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

A5. Latitude/Longitude: Lat. 27°45'18.82"N Long. 82°44'29.27"W 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 7

A8. For a building with a crawlspace or enclosure(s):
- a) Square footage of crawlspace or enclosure(s) 77 sq ft
- b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 2
- c) Total net area of flood openings in A8.b 400 sq in
- d) Engineered flood openings? ☒ Yes ☐ No

A9. For a building with an attached garage:
- a) Square footage of attached garage 1204 sq ft
- b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 11
- c) Total net area of flood openings in A9.b 2200 sq in
- d) Engineered flood openings? ☒ Yes ☐ No

SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
125151 CITY OF SOUTH PASADENA	PINELLAS	FLORIDA

B4. Map/Panel Number	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)
12103C0213	G	9/3/03	9/3/03	AE	13'

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/Source: _____

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date: N/A ☐ CBRS ☐ OPA

SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ 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: AG0151 Vertical Datum: NAVD 1988

Indicate elevation datum used for the elevations in items a) through h) below. ☐ NGVD 1929 ☒ NAVD 1988 ☐ 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, crawlspace, or enclosure floor)	5.17	☒ feet	☐ meters
b) Top of the next higher floor	18.09	☒ feet	☐ meters
c) Bottom of the lowest horizontal structural member (V Zones only)	N/A	☒ feet	☐ meters
d) Attached garage (top of slab)	5.32	☒ feet	☐ meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	17.03	☒ feet	☐ meters
f) Lowest adjacent (finished) grade next to building (LAG)	5.0	☒ feet	☐ meters
g) Highest adjacent (finished) grade next to building (HAG)	5.2	☒ feet	☐ meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	5.3	☒ feet	☐ 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.*

☒ Check here if comments are provided on back of form.
☒ Check here if attachments.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No

Certifier's Name JOHN R BEACH License Number 2984

Title P.L.S. Company Name JOHN R. BEACH & ASSOCIATES, INC.

Address 911 ST. PETERSBURG DR W City OLDSMAR State FL ZIP Code 34677

Signature John R Beach Date 6/24/2014 Telephone 813-854-1276

6/25/14

Building Photographs

Continuation Page

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. 7305 14TH AVE S	Policy Number:
City S PASADENA State FL ZIP Code 33707	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.

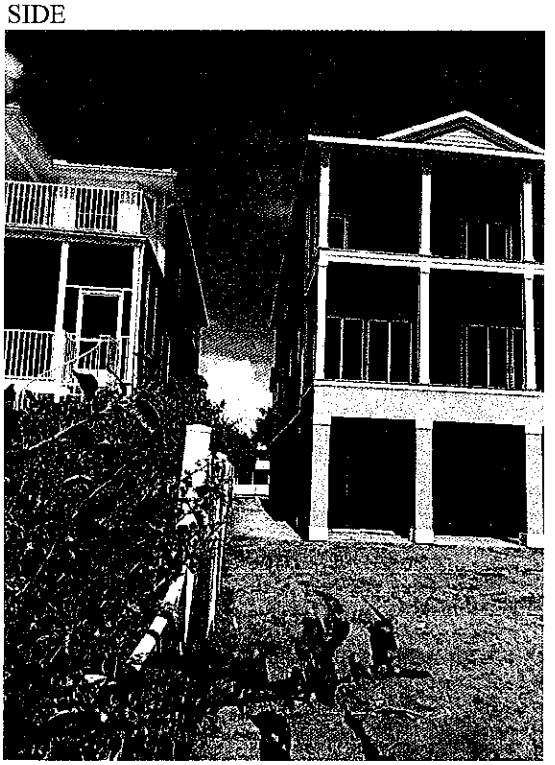
ALL PICTURES TAKEN ON 5/19/14

REAR

FRONT

SIDE

SIDE



Building Photographs

Continuation Page

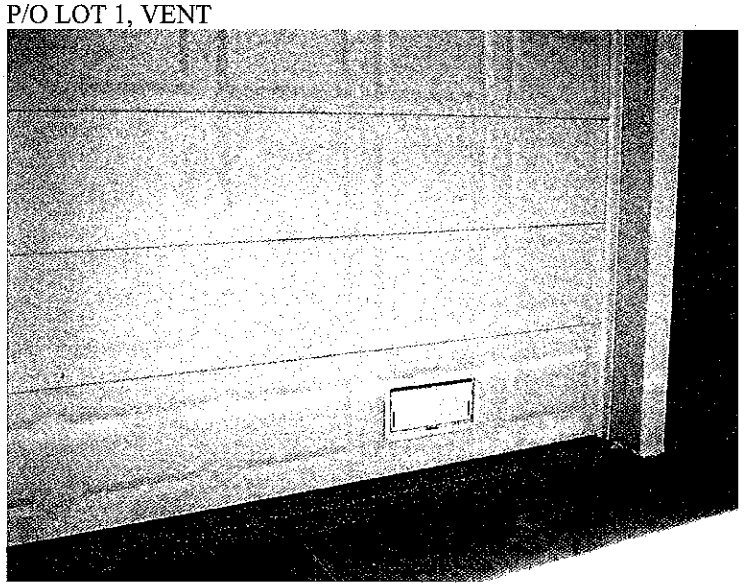
IMPORTANT: In these spaces, copy the corresponding information from Section A.

	FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 7305 14TH AVE S	Policy Number:
City S PASADENA State FL ZIP Code 33707	Company NAIC Number:

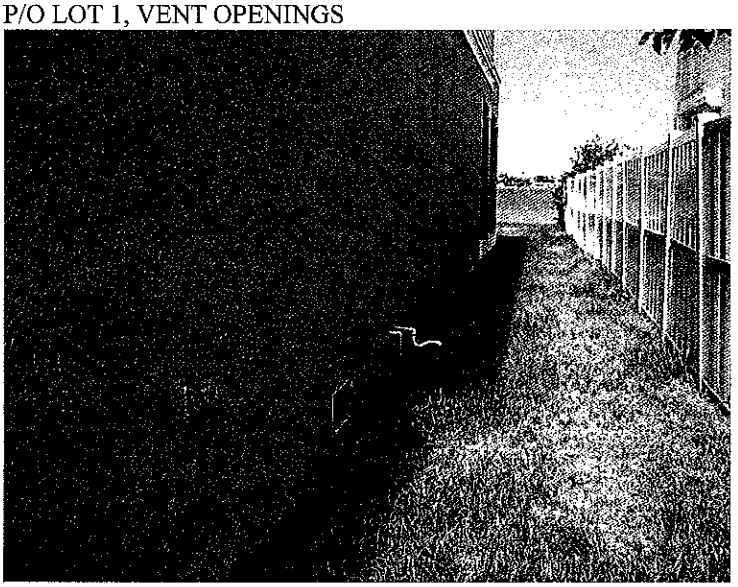
If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View' and "Rear View"; and, if required, "Right Side View' and "Left Side View." When applicable, photographs must show the foundation with representative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

ALL PICTURES TAKEN ON 6/19/2014

P/O LOT 1, VENT



P/O LOT 1, VENT OPENINGS



P/O LOT 1, VENT OPENING

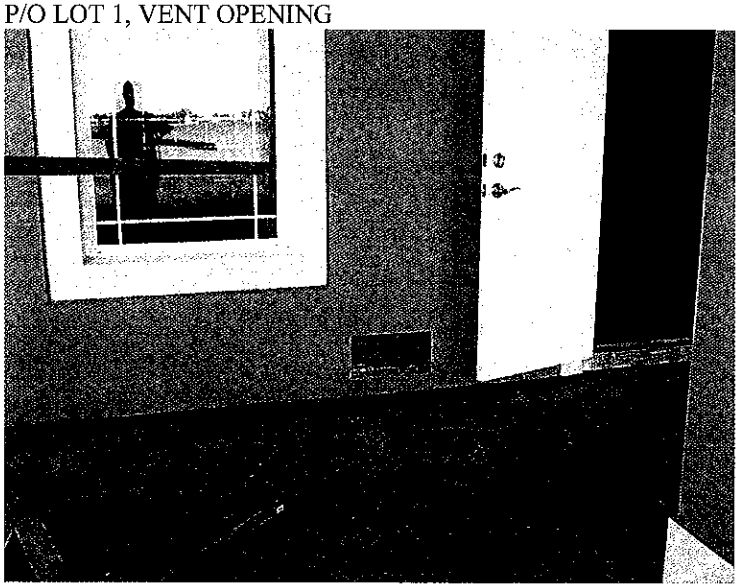


DIAGRAM 7

All buildings elevated on full-story foundation walls with a partially or fully enclosed area below the elevated floor. This includes walkout levels, where at least 1 side is at or above grade. The principal use of this building is located in the elevated floors of the building.

Distinguishing Feature – For all zones, the area below the elevated floor is enclosed, either partially or fully. In A Zones, the partially or fully enclosed area below the elevated floor is with or without openings** present in the walls of the enclosure. Indicate information about enclosure size and openings in Section A – Property Information.

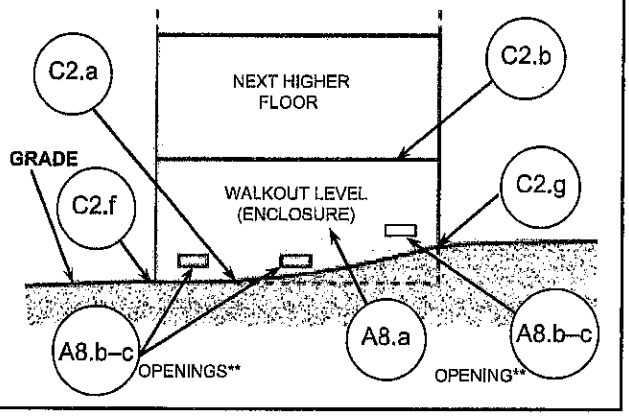


DIAGRAM 8

All buildings elevated on a crawlspace with the floor of the crawlspace at or above grade on at least 1 side, with or without an attached garage.

Distinguishing Feature – For all zones, the area below the first floor is enclosed by solid or partial perimeter walls. In all A zones, the crawlspace is with or without openings** present in the walls of the crawlspace. Indicate information about crawlspace size and openings in Section A – Property Information.

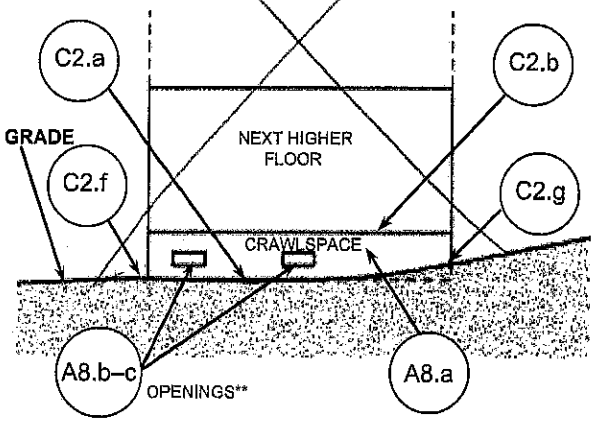
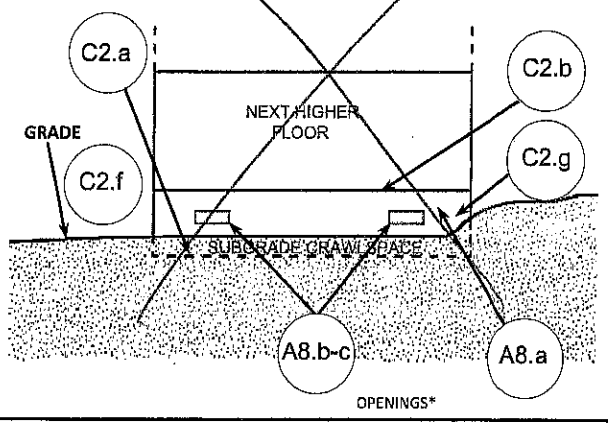


DIAGRAM 9

All buildings (other than split-level) elevated on a sub-grade crawlspace, with or without attached garage.

Distinguishing Feature – The bottom (crawlspace) floor is below ground level (grade) on all sides.* (If the distance from the crawlspace floor to the top of the next higher floor is more than 5 feet, or the crawlspace floor is more than 2 feet below the grade [LAG] on all sides, use Diagram 2.)



* 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 2 openings is required for enclosures or crawlspaces. The openings shall provide a total net area of not less than 1 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 2 sides of the enclosed area. If a building has more than 1 enclosed area, each area must have openings to allow floodwater to directly enter. The bottom of the openings must be no higher than 1.0 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.

ICC-ES Evaluation Report

ESR-2074 FBC Supplement

Issued July 1, 2013
This report is subject to renewal February 1, 2015.

www.icc-es.org | (800) 423-6587 | (562) 699-0543 *A Subsidiary of the International Code Council®*

DIVISION: 08 00 00—OPENINGS
Section: 08 95 43—Vents/Foundation Flood Vents

REPORT HOLDER:

SMARTVENT PRODUCTS, INC.
430 ANDBRO DRIVE, UNIT 1
PITMAN, NEW JERSEY 08071
(877) 441-8368
www.smartvent.com
info@smartvent.com

EVALUATION SUBJECT:

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: FLOODVENT™ MODEL #1540-520; FLOODVENT™ STACKING MODEL #1540-521; SMARTVENT™ MODEL #1540-510; SMARTVENT™ STACKING MODEL #1540-511; WOOD WALL FLOOD MODEL #1540-570; WOOD WALL FLOOD OVERHEAD DOOR MODEL #1540-574; FLOODVENT™ OVERHEAD DOOR MODEL #1540-524; SMARTVENT™ OVERHEAD DOOR MODEL #1540-514

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Smart Vent® Automatic Foundation Flood Vents, recognized in ICC-ES master report ESR-2074, have also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2010 *Florida Building Code—Building* (FBC)
- 2010 *Florida Building Code—Residential* (FRC)

2.0 CONCLUSIONS

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the master evaluation report ESR-2074, comply with the FBC and the FRC, provided the design and installation are in accordance with the *International Building Code®* provisions noted in the master report.

Use of the Smart Vent® Automatic Foundation Flood Vents has also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the FBC and the FRC for structures not subject to FBC Section 2326.3.1 or FRC Section 4409.13.3.1, as applicable.

For products falling under Florida Rule 9N-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by the Commission).

This supplement expires concurrently with the master report, reissued December 1, 2012, revised July 2013.

ICC-ES Evaluation Report

ESR-2074*

Reissued December 1, 2012
This report is subject to renewal February 1, 2015.

www.icc-es.org | (800) 423-6587 | (562) 699-0543 *A Subsidiary of the International Code Council®*

DIVISION: 08 00 00—OPENINGS
Section: 08 95 43—Vents/Foundation Flood Vents

REPORT HOLDER:

SMARTVENT PRODUCTS, INC.
430 ANDBRO DRIVE, UNIT 1
PITMAN, NEW JERSEY 08071
(877) 441-8368
www.smartvent.com
info@smartvent.com

EVALUATION SUBJECT:

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: FLOODVENT™ MODEL #1540-520; FLOODVENT™ STACKING MODEL #1540-521; SMARTVENT™ MODEL #1540-510; SMARTVENT™ STACKING MODEL #1540-511; WOOD WALL FLOOD MODEL #1540-570; WOOD WALL FLOOD OVERHEAD DOOR MODEL #1540-574; FLOODVENT™ OVERHEAD DOOR MODEL #1540-524; SMARTVENT™ OVERHEAD DOOR MODEL #1540-514

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2009 and 2006 *International Building Code®* (IBC)
- 2009 and 2006 *International Residential Code®* (IRC)

Properties evaluated:

- Physical operation
- Water flow

2.0 USES

The Smart Vent® units are automatic foundation flood vents (AFFVs) employed to equalize hydrostatic pressure on nonfire-resistance-rated foundation walls, rolling-type overhead doors and building walls subject to rising or falling flood waters. The Smart Vent® units are intended for use where flood hazard areas have been established in accordance with IBC Section 1612.3 or IRC Section R3222.1. Certain models also allow natural ventilation in accordance with Section 1203 of the IBC or Section 408.1 of the IRC.

3.0 DESCRIPTION

3.1 General:

When subjected to pressure from rising water, the Smart Vent® AFFVs disengage, then pivot open to allow flow in either direction to equalize water level and hydrostatic pressure from one side of the foundation to the other. The AFFV pivoting door is normally held in the closed position by a buoyant release device. When subjected to rising water, the buoyant release device causes the unit to unlatch, allowing the plate to rotate out of the way and allow flow. The water level stabilizes, equalizing the lateral forces. Each unit is fabricated from stainless steel. The SmartVENT™ Stacking Model #1540-511 and FloodVENT™ Stacking Model #1540-521 units each contain two vertically arranged openings per unit.

3.2 Engineered Opening:

The AFFVs comply with the design principle noted in Section 2.6.2.2 of ASCE/SEI 24 for a maximum rate of rise and fall of 5.0 feet per hour (0.423 mm/s). In order to comply with the engineered opening requirement of ASCE/SEI 24, Smart Vent AFFVs must be installed in accordance with Section 4.0.

3.3 Model Sizes:

The FloodVENT™ Model #1540-520, SmartVENT™ Model #1540-510, FloodVENT™ Overhead Door Model #1540-524, and SmartVENT™ Overhead Door Model #1540-514 units measure $15^3/_4$ inches wide by $7^3/_4$ inches high (400 by 196.9 mm). The Wood Wall Flood Model #1540-570 and Wood Wall Flood Overhead Door Model #1540-574 units measure 14 inches wide by $8^3/_4$ inches high (355.6 by 222.25 mm). The SmartVENT™ Stacking Model #1540-511 and FloodVENT™ Stacking Model #1540-521 units measure 16 inches wide by 16 inches high (406.4 by 406.4 mm).

3.4 Ventilation:

The SmartVENT® Model #1540-510 and SmartVENT® Overhead Door Model #1540-514 both have screen covers with $^1/_4$-inch-by-$^1/_4$-inch (6.35 by 6.35 mm) openings, yielding 51 square inches (32 903 mm^2) of net free area to supply natural ventilation. The SmartVENT™ Stacking Model #1540-511 consists of two Model #1540-510 units in one assembly, and provides 102 square inches (65 806 mm^2) of net free area to supply natural ventilation. Other AFFVs recognized in this report do not offer natural ventilation.

4.0 INSTALLATION

SmartVENT® and FloodVENT™ are designed to be installed into walls or overhead doors of existing or new construction from the exterior side. Installation of the vents must be in accordance with the manufacturer's instructions, the applicable code and this report. The mounting straps allow mounting in wood, masonry and

RECORD SURVEY (FINAL)
A PORTION OF TRACT "1"
COREY BRIDGEHEAD SUBDIVISION
PINELLAS COUNTY, FLORIDA.

SEC. 30, TWP. 31 S, RNG. 16 E.

BEARING BASIS: S 89°48'27" E ASSUMED ON THE S. BOUNDARY OF TRACT "1" PER PLAT

N

SCALE: 1" = 20'

THIS SURVEY IS SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH. ALSO SUBJECT TO SETBACKS, EASEMENTS AND RESTRICTIONS OF RECORD.

UNDERGROUND FOOTER, STEM WALL, AND UNDERGROUND UTILITIES ARE NOT LOCATED OR SHOWN.

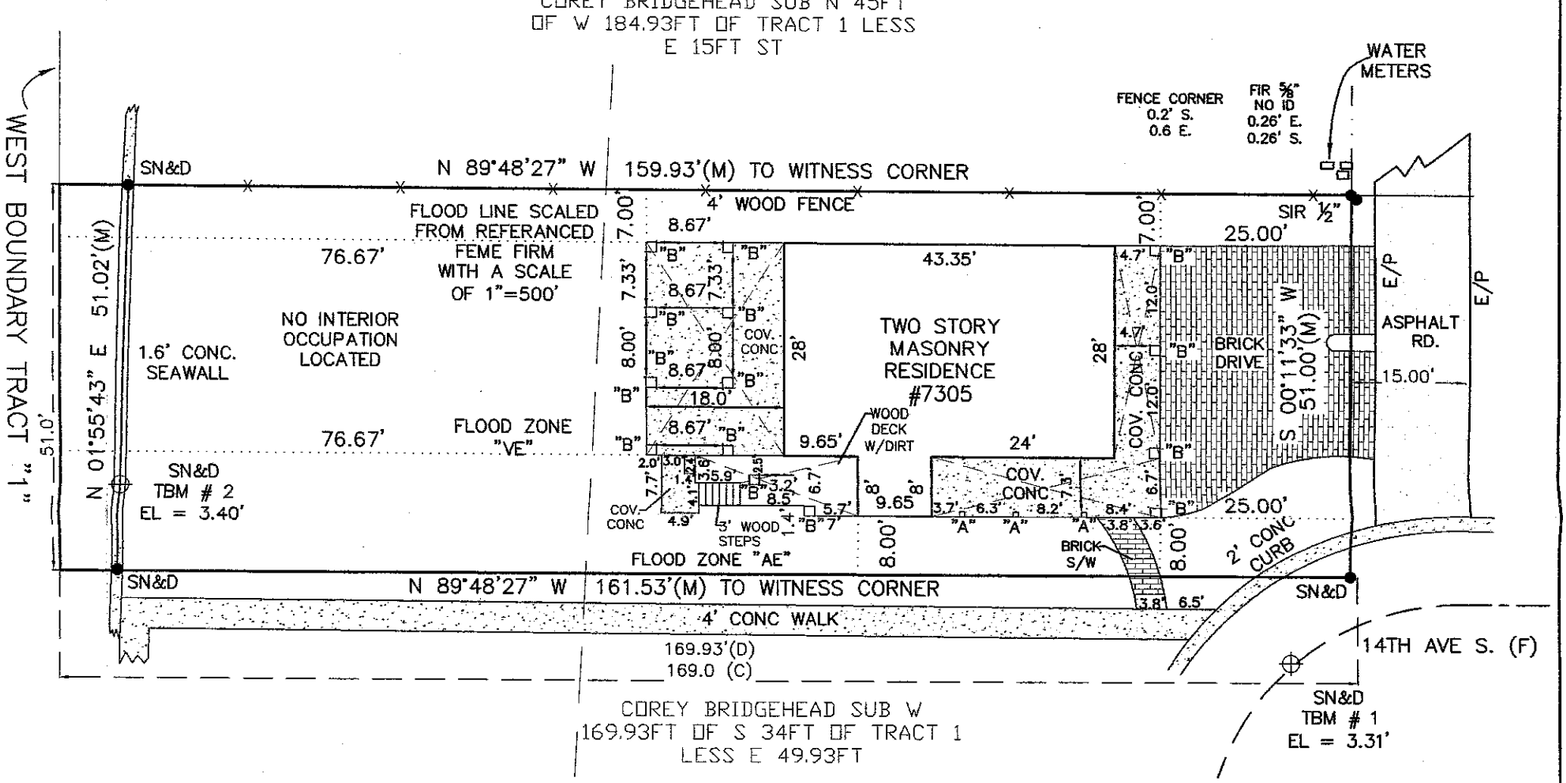
DO NOT SCALE THIS PRINT. DIMENSIONS AND NOTES TAKE PREFERENCE.

PURPOSE OF SURVEY: TO OBTAIN HORIZONTAL AND/OR VERTICAL DIMENSIONAL DATA TO SHOW CONSTRUCTION IMPROVEMENTS.

ALL ELEVATIONS SHOWN HEREON ARE 1988 DATUM.

ALL ADJOINER INFORMATION TAKEN FROM PINELLAS COUNTY PROPERTY APPRAISERS WEB SITE

A =0.65' CONC COLUMN FOOTER
B =1.3' CONC COLUMN FOOTER



DESCRIPTION: *(AS FURNISHED)*

SOUTH 51 FEET OF NORTH 96 FEET OF WEST 169.93 FEET OF TRACT 1, COREY BRIDGEHEAD SUBDIVISION, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 32, PAGE 29, PUBLIC RECORDS OF PINELLAS COUNTY, FLORIDA.

TOGETHER WITH ANY AND ALL RIPARIAN RIGHTS APPERTAINING THERETO. TOGETHER WITH AN EASEMENT FOR INGRESS AND EGRESS ACROSS THE SOUTH 60 FEET OF SAID TRACT 1, LESS WEST 169.93 FEET. SUBJECT TO RESERVATION OF RECORD.

ELEVATIONS REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988. MEAN SEA LEVEL= 00.00 FT.

NATIONAL GEODETIC SURVEY BENCHMARK INFORMATION:
DESIGNATION–EDD 66 USE RESET 1975
PID–AG0501
STATE/COUNTY–FL/PINELLAS
USGS QUAD–ST PETERSBURG (1987)
ELEV = 16.34'
NORTH AMERICAN VERTICAL DATUM OF 1988

LOWEST FLOOR ELEVATIONS:
LIVING AREA: 18.09'
GARAGE AREA: 5.32
ELEVATIONS REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988. MEAN SEA LEVEL= 00.00 FT.

APPARENT FLOOD HAZARD ZONE: "VE&AE"BFE = 13' COMMUNITY PANEL NO. 1203C 0213G EFFECTIVE DATE: 9/03/03

Square Feet: 7774.00 ± | 31676

LEGEND:
(C)= CALCULATED DATA, (D)= DEED DATA, (M)= MEASURED DATA, (P)= PLAT DATA, ℄ = CENTERLINE, A/C= AIR CONDITIONER, B/C= BACK OF CURB, C/S= CONCRETE SLAB, CH= CHORD, CHB= CHORD BEARING, CLF= CHAIN LINK FENCE, CONC= CONCRETE, COV.= COVERED, E/P= EDGE OF PAVEMENT, ESM'T= EASEMENT, F/C= FENCE CORNER, FCM= FOUND CONCRETE MONUMENT, FIP= FOUND IRON PIPE, FIR= FOUND IRON ROD, FN&D= FOUND NAIL & DISK, FPP= FOUND PINCHED PIPE, LFE= LOWEST FLOOR ELEVATION, MAS.= MASONRY, OR= OFFICIAL RECORD BOOK, PB= PLAT BOOK, PCP= PERMANENT CONTROL POINT, PRM= PERMANENT REFERENCE MONUMENT, R/W= RIGHT OF WAY, R= RADIUS, SIR=SET 1/2" IRON ROD & CAP No. 4493, SN&D= SET NAIL & DISK, TBM= TEMPORARY BENCHMARK, U/P= UTILITY POLE, W/F= WOOD FENCE

Prepared for and certified to:

JOHN R. BEACH & ASSOCIATES, INC.
SURVEYORS AND MAPPERS
911 WEST ST. PETERSBURG DRIVE
OLDSMAR, FLORIDA 34677
(813) 854-1276 FAX (813) 855-8370

ONE WAY

Drawn By: CWC/JBS
Checked By: JRB
Scale: 1" = 20'

I HEREBY CERTIFY THAT THIS SURVEY HAS BEEN MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

06/24/2014
DATE

JOHN R. BEACH
FLORIDA REG. LAND SURVEYOR No. 2984
LB#4493

Revisions:
SITE PLAN 6/28/13 JBS
Rev gar FF 6/24/14

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

Date: FINAL 5/19/14 MAH