

RONALD M. JEZERINAC, P. E.
719 N. MANASOTA KEY ROAD
ENGLEWOOD, FL 34223
941-497-2155

JOB SITE PLANS
This set of plans must be kept
on the job site at all times
per Sarasota County Ordinance.
Sarasota County Planning &
Development Services

December 19, 2017

Mr. George Merlin
George Merlin & Associates
7729 Holiday Drive
Sarasota, FL 34231

RE: Andrews Residence - 945 Casey Key Rd., Nokomis, FL 34275
Job No.: 17.01.011


Dear George:

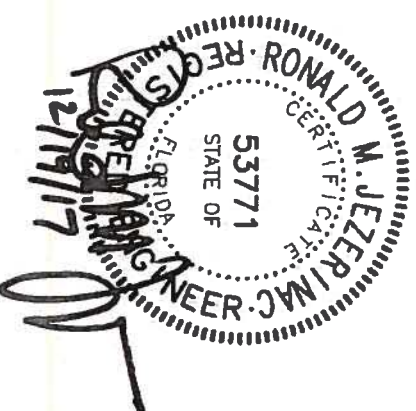
It is my understanding that the following statements need to part of the Flood Zone Review process:

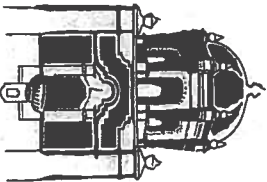
1. The pile supported concrete shear wall footings and transition collars do not rely on any soil for support as they are deep pile supported and will remain in place due to storm surge forces.
2. The setting of these elements above the design grade has been reviewed and the entire structure has been designed to resist the increased loads associated with storm surge forces.

I trust the statements in this letter comply with the Flood Zone Review requirements. If you should have any questions, please call.

Yours Truly,


Ronald M. Jezerinac, P. E.
Florida License # 53771





PLANNING AND DEVELOPMENT SERVICES
BUSINESS CENTER

JOB SITE PLANS
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per Sarasota County Ordinance
relating to Planning &
Development Services

1001 Sarasota Center Blvd., Sarasota, FL 34240
4000 S. Tamiami Trail, Room 122, Venice, FL 34293
Sarasota (941) 861-6678 Venice (941) 861-3029

1921

Coastal Construction Control Line (CCCL) Certificate

This form is required for New Construction and Substantial Improvements to structures seaward of the
Coastal Construction Control Line (CCCL)*

Name: ANDREWS RESIDENCE - NEW Permit No: 17-157942 B1

Street Address: 945 CASEY KEY RD

City: NOKOMIS State FL Zip Code 34275

SECTION I - Flood Insurance Rate Map (FIRM) Information

Community Number	Panel Number	Suffix	FIRM Index date	Flood Zone/s	Base Flood Elevation	FDDEP Elevation+
12115C	0238	F	NOV. 04, 2016	AE-12	10' NAVD	19.4' NGVD 18.4' NAVD

SECTION II - Proposed Elevation Information

- Bottom of Lowest Horizontal Structural Member 18.4' NAVD OR 19.4' NGVD ft.
- Elevation Requirement 18.4' NAVD OR 19.4' NGVD ft.
- Elevation of Highest Adjacent Grade 12.0' NAVD ft.
- Elevation of Lowest Adjacent Grade 8.0' NAVD ft.
- Elevation of Bottom of Pilings or Foundation -25.0' NAVD ft.
- Elevation of Top of Pile Cap or Grade Beam N/A ft.

SECTION III - Certification Statement

(Registered engineer or architect to sign and seal SECTION V)

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 designs 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 supporting the Lowest Floor (excluding the pilings or columns) is elevated to or above Base Flood Elevation or FDEP elevation requirement to achieve a design freeboard of _____ ft.

GEORGE MERLIN

* Sarasota County Code Article XVI, Florida Building Code, latest Edition of the Florida Building Code
+ For new construction and substantial improvements that extend wholly or partially seaward of CCCL.



The pile or column foundation, pile cap and/or grade beam, and structure attached thereto is anchored to resist flotation, collapse and lateral movement due to the effects of wind and water loads associated with the design flood elevations acting simultaneously on all of the structural components.

SECTION IV – Breakaway Construction Certification Statement
(Registered engineer or architect to sign and seal SECTION V)

I certify that based upon the development and/or review of structural design, specifications and plans for subject 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 Wall collapse shall result from a water load less than that which would occur during the Base Flood; and

Access to such enclosure shall be the minimum necessary to allow for parking of vehicles (garage door) or limited storage of items used in connection with the premises (standard exterior door) or access to the habitable space above (stairway or elevator).

“Breakaway Wall” means a partition independent of supporting structural members that will withstand design wind forces, but will fail under hydrostatic, wave and run-up forces associated with the design storm surge. Under such conditions, the wall will fail in a manner such that it dissolves or breaks up into components that will not act as potentially damaging missiles.

SECTION V - Certification

Certifier's Name: GEORGE MERLIN Title: ARCHITECT

License Number: AR0010623 Company Name: GEORGE MERLIN ASSOCIATES, INC

Street Address: 7729 HOLIDAY DRIVE

City: SARASOTA State: FLORIDA Zip Code: 34231

Telephone Number: 941 923 8868 Fax: 941 9239148

Signature: GEORGE MERLIN Seal:

