

Federal Emergency Management Agency  
ELEVATION CERTIFICATE

IMPORTANT: FOLLOW THE INSTRUCTIONS ON PAGES 9-16

OMB Control Number: 1660-0008  
Expiration: 11/30/2018

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

<b>SECTION A- PROPERTY INFORMATION</b>	<b>FOR INSURANCE COMPANY USE</b>
A1. Building Owner's Name <b>Aria Longboat Key Condominium Association</b>	Policy Number:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <b>2251 Gulf of Mexico Drive - Main Building</b>	Company NAIC Number:
City <b>Longboat Key</b>	State <b>FL</b> Zip Code <b>34228</b>
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <b>Lot 1, Benedict Sub. (proposed Aria Condominium) TPN 0008040008</b>	
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <b>Residential</b>	
A5. Latitude/Longitude: Lat. <u>27.360935°</u> Long. <u>-82.620598°</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>7</u>	
A8. For a building with a crawlspace or enclosure(s):	A9. For a building with an attached garage:
a) Square footage of crawlspace or enclosure(s) <b>32160</b> sq ft	a) Square footage of attached garage <b>N/A</b> sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <b>53</b>	b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <b>N/A</b>
c) Total net area of flood openings in A8.b <b>59808</b> sq in	c) Total net area of flood openings in A9.b <b>N/A</b> sq in
d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input checked="" 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 <b>Town of Longboat Key</b>		B2. County Name <b>Sarasota</b>		B3. State <b>FL</b>	
B4. Map/Panel Number <b>125126-0010</b>	B5. Suffix <b>B</b>	B6. FIRM Index Date <b>05/18/1992</b>	B7. FIRM Panel Effective/ Revised Date <b>08/15/1983</b>	B8. Flood Zone(s) <b>A13</b>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <b>12</b>
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 checked="" type="checkbox"/> NGVD 1929 <input 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			
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. *A new Elevation Certificate will be required when construction of the building is complete.			
Benchmark Utilized: <b>FDEP Z-689</b>		Vertical Datum: <b>NAVD 88</b>	
Indicate elevation datum used for the elevations in items a) through h) below. <input checked="" type="checkbox"/> NGVD 1929 <input 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, crawlspace, or enclosure floor)	<b>8.0</b>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
b) Top of the next higher floor	<b>23.0</b>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V zones only)	<b>N/A</b>	<input type="checkbox"/> feet	<input type="checkbox"/> meters
d) Attached garage (top of slab)	<b>N/A</b>	<input type="checkbox"/> feet	<input type="checkbox"/> meters
e) Lowest elevation of machinery of equipment servicing the building (Describe type of equipment and location in Comments)	<b>15.0</b>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<b>7.0</b>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<b>14.3</b>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<b>7.5</b>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters

# ELEVATION CERTIFICATE

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## 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 attachments. Were latitude and longitude in Section A provided by a licensed land surveyor?  
 Yes  No

Certifier's Name **Mark E. Bassett** License Number **4394**

Title **Registered Surveyor** Company Name **George F. Young, Inc.**

Address **10540 Portal Crossing, Ste #105** City **Bradenton** State **FL** Zip Code **34211**

Signature \_\_\_\_\_ Date **Rev 04/19/16** Telephone **941-747-2981**



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

Comments (including type of equipment and location, per C2(e), if applicable)  
**A4) 4 stories over parking/storage A7) Parking and storage at ground level-principal use is in elevated floor A8 (a). See attached Architect calculation of flow through needed/provided A8(d). There is a combination of vent types in the structure-see attached specification sheets C2) Conversion from NAVD 88 to NGVD 1929 was + 1.03 from NGS Corpscon C2(e). Elevation shown is for the floor of the fire pump room.(Rev 04/19/16) C2(f) Adjacent to SE bldg corner C2(g) Adjacent to NW bldg corner**

Signature *Mark E. Bassett* Date **04/19/2016**

## 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.

- E.1 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 HAG
  - 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.

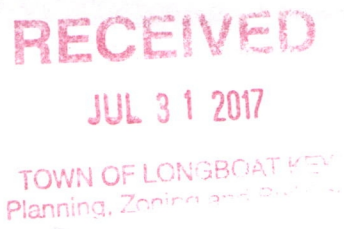
## SECTION F -PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owners 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.

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
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Community Name	Telephone
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Signature	Date
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Comments

~~NOT USED~~

RECEIVED

JUL 31 2017

TOWN OF LONGBOAT KEY  
Planning, Zoning and Building

Check here if attachments.



# BUILDING PHOTOGRAPHS

See instructions for Item A6

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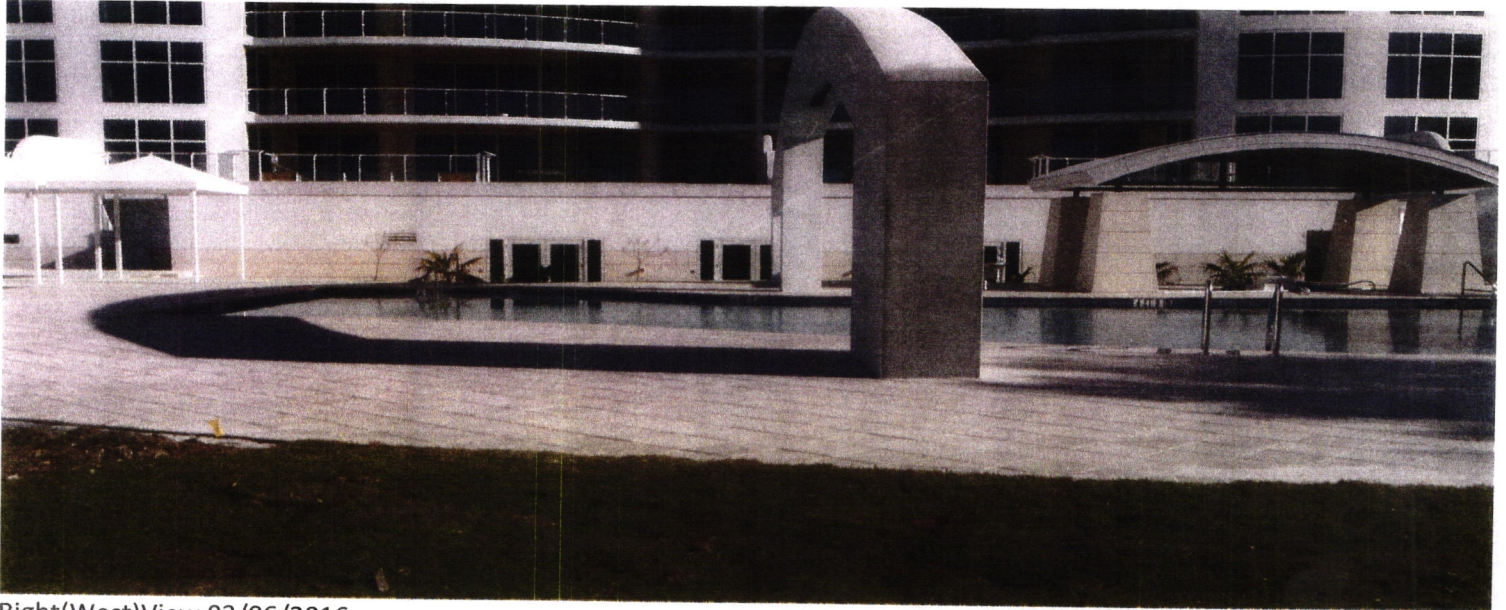
<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b> Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <b>2251 Gulf of Mexico Drive</b>	FOR INSURANCE COMPANY USE
City <b>Longboat Key</b>	Policy Number:
State <b>FL</b> Zip Code <b>34228</b>	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.

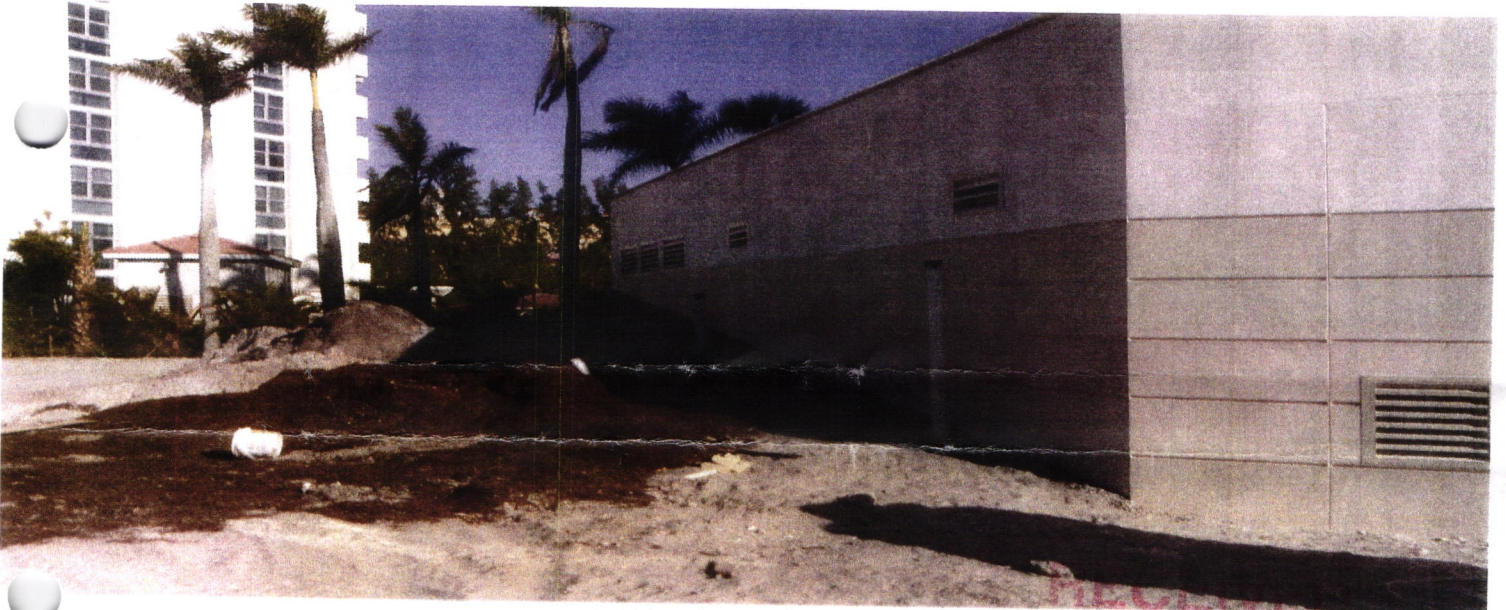
Front (North) view 03/06/2016



Rear (South) View 03/06/2016



Right(West)View 03/06/2016



JUL 31 2017

TOWN OF LONGBOAT KEY  
Planning, Zoning and Public Works



**BUILDING PHOTOGRAPHS**

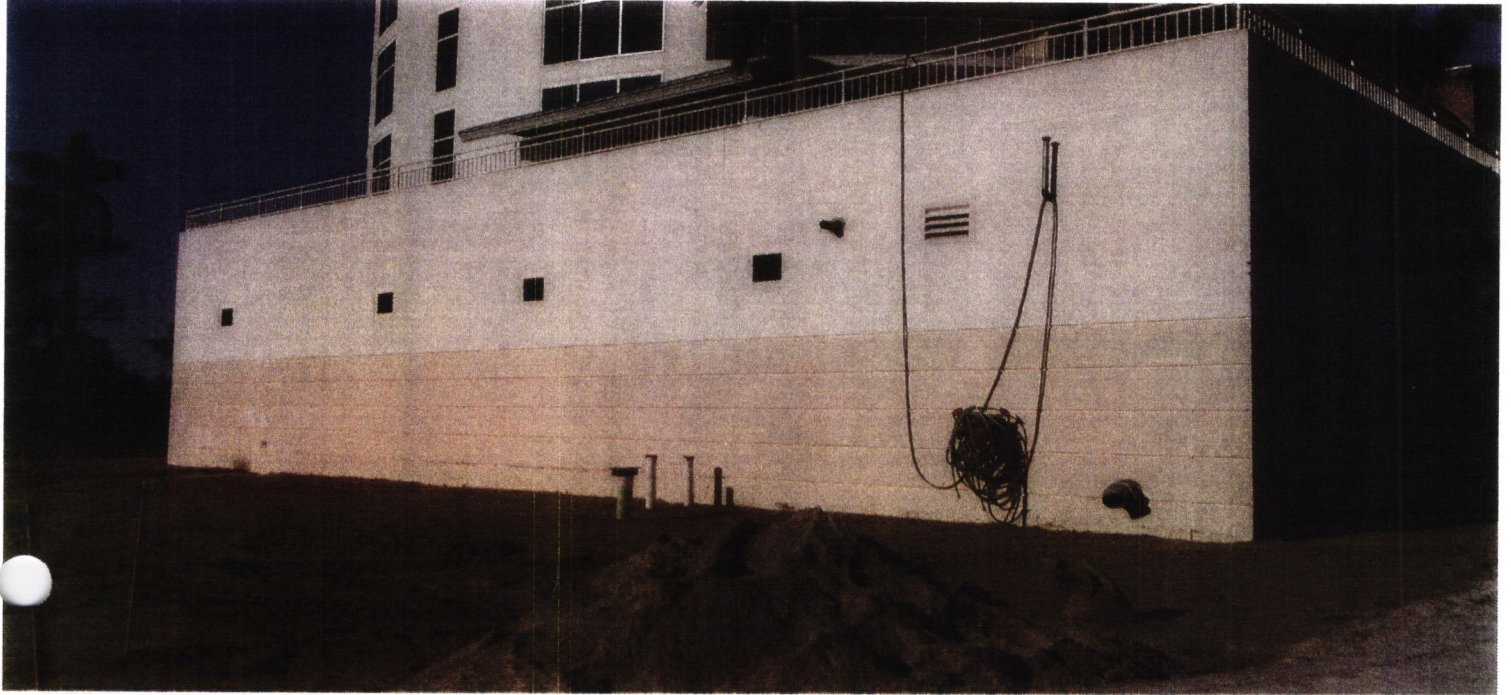
Continuation Page

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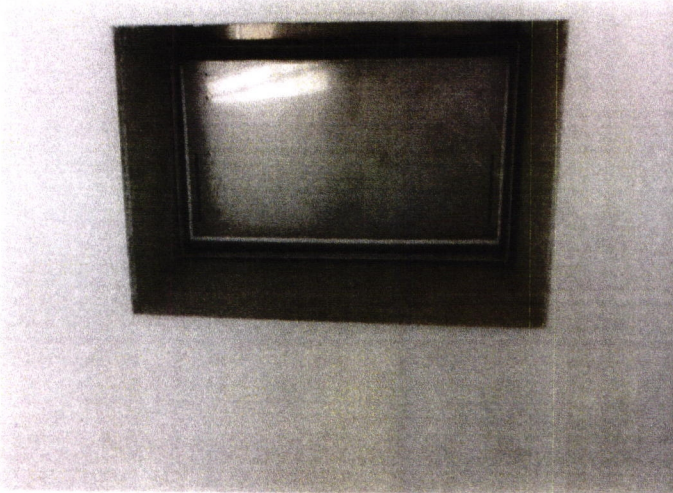
<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <b>2251 Gulf of Mexico Drive</b>			Policy Number:
City <b>Longboat Key</b>	State <b>FL</b>	Zip Code <b>34228</b>	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.

Left (East) View 03/06/2016



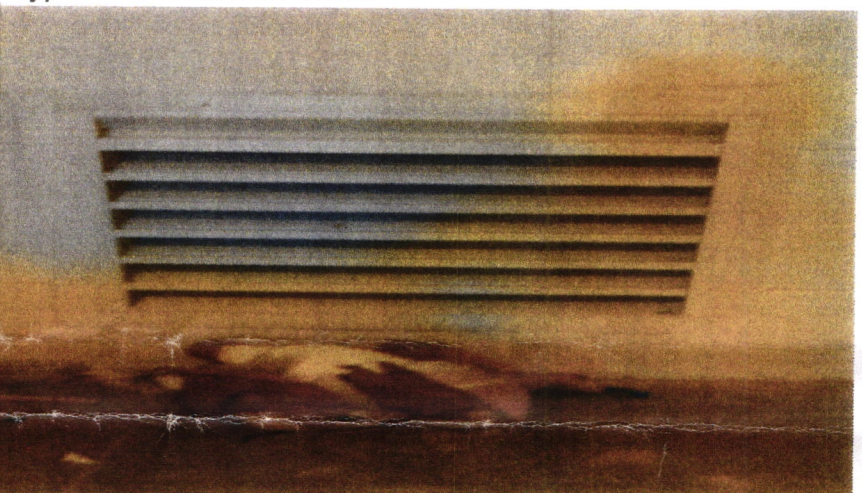
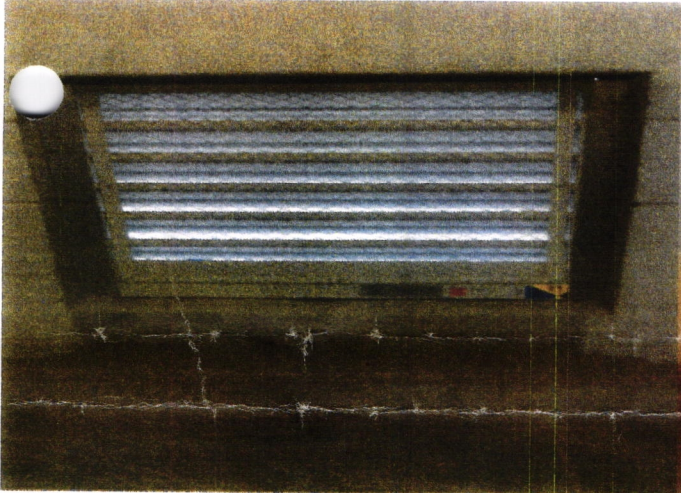
Supplemental Photos for Elevation Certificate - 2251 Gulf of Mexico Drive, Longboat Key, FL  
Typical-"Smart Vent"- Typical-"Smart Vent"



Typical-"Greenheck Vents"



Typical-"Greenheck Vents"



**RECEIVED**

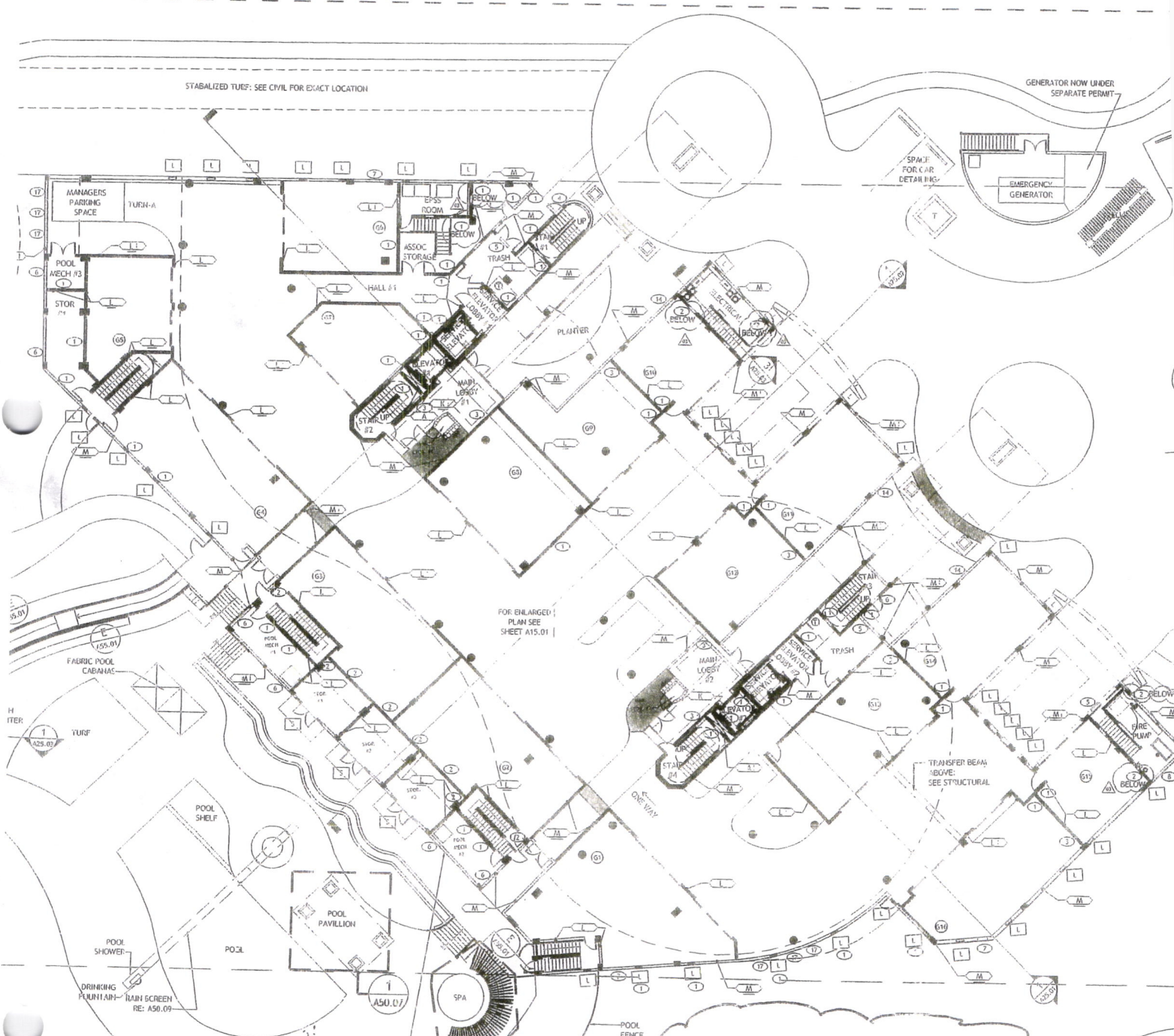
JUL 31 2017

TOWN OF LONGBOAT KEY  
Planning, Zoning and Building



STABILIZED TUEFS: SEE CIVIL FOR EXACT LOCATION

GENERATOR NOW UNDER SEPARATE PERMIT



FOR ENLARGED PLAN SEE SHEET A15.01

TRANSFER BEAM ABOVE: SEE STRUCTURAL

FLOOR	
RKS	REF. SHEET
	A40.01
	A40.02

MENT. SUBMITTAL REQUIRED. APPROVAL.

**LOUVER SCHEDULE - 1ST FLOOR**

MARK	SIZE	MFR.	MOUNTING HEIGHT	REMARKS
1	24" H X 24" W	GREENHECK	SILL @ 0'-0"	FLOW THROUGH
2	6" H X 96" W	SM-RTYHECH	SILL @ 0'-0"	FLOW THROUGH
3	24" H X 24" W	GREENHECK	SILL @ 0'-0"	FLOW THROUGH
4	36" H X 36" W	GREENHECK	SILL @ 0'-0"	FLOW THROUGH
5	18" H X 26" W	GREENHECK	HEAD AT 10'-0"	
6	15" H X 26" W	GREENHECK	HEAD AT 14'-0"	
7	24" H X 30" W	GREENHECK	HEAD AT 10'-0"	
8	18" H X 24" W	GREENHECK	HEAD AT 10'-0"	
9	24" H X 30" W	GREENHECK	HEAD AT 14'-0"	
10	24" H X 30" W	GREENHECK	HEAD AT 10'-0"	

**FLOW THROUGH CALCULATION**

TOTAL SQUARE FOOTAGE = 32160 S.F.  
NEEDED FLOW THROUGH 32160 S.F.

LOUVER 183 SQUARE INCHES = 575  
50% OPEN = 288 SQUARE INCHES X 46 LOUVERS = 13248 SQUARE INCHES

LOUVER 2 SQUARE INCHES = 128  
50% OPEN = 64 SQUARE INCHES X 8 LOUVERS = 512 SQUARE INCHES

16' GARAGE DOOR LOUVERS SQUARE INCHES = 2816  
50% OPEN = 1408 SQUARE INCHES X 10 DOORS = 14080 SQUARE INCHES

10' GARAGE DOOR LOUVERS SQUARE INCHES = 1728  
50% OPEN = 864 SQUARE INCHES X 12 DOORS = 10368 SQUARE INCHES

ENTRANCE GRATES (UP TO BASE FLOOD) 20"(W)X5"(H) = 14400 S.I.  
75% OPEN = 10800 SQUARE INCHES X 2 GRATES = 21600 SQUARE INCHES

**TOTAL FLOW THROUGH PROVIDED = 59808 SQUARE INCHES**  
32160 SQUARE INCHES REQUIRED

1 GR SCALE