Building and Neighborhood Compliance
11805 SW 26th Street
Miami, Florida 33175-2474
786-315-2100

miamidade.gov

INSTRUCTIONS TO OWNER-BUILDER

You have as of this date made application for a building permit as an owner-builder. You should be advised of the following provisions and requirements that apply to owner-builders:

PROOF OF OWNERSHIP – Prior to a building permit being issued to you, you must submit proof of ownership of the land concerned in the application in the form of a recorded deed, showing you own the property, or a copy of mortgage or warranty deed of the land, or a Miami-Dade County tax receipt statement to contain legal description of property and indicate property is in your name. Legal description and name on document of proof must correspond to the name and legal description on the application.

RESPONSIBILITY – You will be responsible for all work done by your day labor employees, and you must either employ licensed contractors or persons to be paid on an hourly or per diem basis. Any one contracting (including labor) with you, verbally or in writing, on a fixed fee basis for any work, who is not properly licensed, will be subject to a fine of $500 and/or imprisonment for six months.

INSURANCE –Be advised that if your day labor employees cause any damage to persons or property, or if any of your day labor employees are injured on the job, you are liable. Your regular home insurance policy ordinarily DOES NOT cover this type of liability.

WITHHOLDING TAXES, etc. – You should be advised to investigate your responsibility for withholding Social Security, Federal and State Unemployment Insurance Taxes and Federal Income Taxes from the wages of employees working for you on the proposed construction, and for making returns thereof to the proper agencies.

DISCLOSURE STATEMENT – State and county law requires construction or demolition to be done by licensed contractors. You have applied for a permit under an exemption to those laws. The exemption allows you, as the owner of the property, to act as your own contractor even though you do not have a license. You must supervise the construction of demolition yourself. You may build, improve or demolish a one-family or two-family residence. You may also maintain, alter or repair your own single family or duplex residence; or erect a one story building or addition of not more than 500 square feet for commercial or industrial use, or perform maintenance or repairs and non-structural alterations, not to exceed $5,000 on any building which you own or lease.

The building must be for your own use and occupancy. It may not be built for sale or lease. If you sell or lease more than one building you have built yourself within 2 years after the construction is complete, the law will presume that you built it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person as your contractor. Your construction or demolition must be done according to building codes and zoning regulations. It is your state law and by county or municipal licensing ordinances.

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SEE REVERSED SIDE FOR ADDITIONAL INFORMATION

DEMOLITION WORK – In addition to meeting Florida Building Code requirements stated above, you are responsible for disconnecting all utilities, including water, sewer, septic tank, electrical service, gas, telephone, cable TV, etc., PRIOR TO COMMENCING DEMOLITION. You are also required to obtain a permit from the State of Florida Department of Health and Rehabilitative Services in order to abandon any septic tank that is on the property.

If you do not intend to do the work involved yourself, or with day labor, please list below, the name of the individual or firm with whom you have entered (or will enter) into a contract for the work.

NOTICE: SEPARATE PERMITS REQUIRED FOR ELECTRICAL, SEPTIC TANK ABANDONMENT, PLUMBING, ROOFING AND MECHANICAL WORK

I, the owner of property described as _____

_____

do hereby certify that I have read the foregoing instructions, and am aware of my responsibilities and liabilities under my application for a building permit for construction work on the above described property.

_____ WITNESS

_____ OWNER

_____ DATE

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DEMOLITION WORK – In addition to meeting Florida Building Code requirements stated above, you are responsible for disconnecting all utilities, including water, sewer, septic tank, electrical service, gas, telephone, cable TV, etc., PRIOR TO COMMENCING DEMOLITION. You are also required to obtain a permit from the State of Florida Department of Health and Rehabilitative Services in order to abandon any septic tank that is on the property.

If you do not intend to do the work involved yourself, or with day labor, please list below, the name of the individual or firm with whom you have entered (or will enter) into a contract for the work.

NOTICE: SEPARATE PERMITS REQUIRED FOR ELECTRICAL, SEPTIC TANK ABANDONMENT, PLUMBING, ROOFING AND MECHANICAL WORK

I, the owner of property described as 16000 SW 100 Ct

do hereby certify that I have read the foregoing instructions, and am aware of my responsibilities and liabilities under my application for a building permit for construction work on the above described property.

WITNESS

OWNER

11-8-11

DATE

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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
Expires March 31, 2012

SECTION A - PROPERTY INFORMATION

For Insurance Company Use:
Policy Number
Company NAIC Number

A1. Building Owner's Name MARLENE I. CAMPBELL

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
16000 SW 100 CT
City MIAMI State FL ZIP Code 33157

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
LOT 14, BLOCK 2, FAIRWAY PARK SEC 1, PLAT BOOK 68, PAGE 73.

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL
A5. Latitude/Longitude: Lat. 25°37'14.84"N Long. 80°21'22.66"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 3
A8. For a building with a crawlspace or enclosure(s):
a) Square footage of crawlspace or enclosure(s) N/A sq ft
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade N/A
c) Total net area of flood openings in A8.b N/A sq in
d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:
a) Square footage of attached garage N/A sq ft
b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade N/A
c) Total net area of flood openings in A9.b N/A 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
MIAMI DADE COUNTY 120635	MIAMI - DADE	FL

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)
12086C 0601	L	9-11-09	9-11-09	X	N/A

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 (Describe) ____
B11. Indicate elevation datum used for BFE in Item B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe) ____
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. Use the same datum as the BFE.
Benchmark Utilized DADE BM# B-321 Vertical Datum NGVD 1929
Conversion/Comments ELEV.=11.78'

			Check the measurement used.
a)	Top of bottom floor (including basement, crawlspace, or enclosure floor)	13.35	☒ feet ☐ meters (Puerto Rico only)
b)	Top of the next higher floor	13.90	☒ feet ☐ meters (Puerto Rico only)
c)	Bottom of the lowest horizontal structural member (V Zones only)	N/A	☐ feet ☐ meters (Puerto Rico only)
d)	Attached garage (top of slab)	N/A	☐ feet ☐ meters (Puerto Rico only)
e)	Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	13.58	☒ feet ☐ meters (Puerto Rico only)
f)	Lowest adjacent (finished) grade next to building (LAG)	13.21	☒ feet ☐ meters (Puerto Rico only)
g)	Highest adjacent (finished) grade next to building (HAG)	13.58	☒ feet ☐ meters (Puerto Rico only)
h)	Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	N/A	☐ feet ☐ meters (Puerto Rico only)

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

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Certifier's Name ARTURO R. TOIRAC License Number 3102
Title PROFESSIONAL LAND SURVEYOR Company Name
Address 14317 SW 45 TERRACE City MIAMI State FL ZIP Code 33175
Signature Date 8-23-2011 Telephone (305) 552 7504

PLACE SEAL HERE
3102
08-23-11

See reverse side for continuation.

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. 16000 SW 100 CT	Policy Number
City MIAMI State FL ZIP Code 33157	Company NAIC Number

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

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

Comments CROWN OF ROAD ELEV.= 12.08'
LAT / LONG OBTAINED BY GPS
ELEV. ON C2e IS AC
ELEV. ON C2a IS GARAGE ENCLOSURE

Signature [signature] Date 8-23-2011

☒ Check here if attachments

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.

E1. 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 LAG.

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 owner's 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.*

Property Owner's or Owner's Authorized Representative's Name

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 and G9.

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-G9) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued

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 (PR) Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____._____ ☐ feet ☐ meters (PR) Datum _____

G10. Community's design flood elevation _____._____ ☐ feet ☐ meters (PR) Datum _____

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Local Official's Name Title

Community Name Telephone

Signature Date

Comments

Examiner	Date Time Stamp	Disp.	Trade	Stamp Name
John Anton	11/14/2011 9:28:01 AM	A	MECH	Approved

☐ Check here if attachments

Building Photographs

See Instructions for Item A6.

	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 16000 SW 100 CT	Policy Number
City MIAMI State FL ZIP Code 33157	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two 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." If submitting more photographs than will fit on this page, use the Continuation Page, following.

" FRONT VIEW "
DATE: 8-23-2011

" REAR VIEW "
DATE: 8-23-2011

" ADDITIONAL FRONT VIEW "
DATE: 8-23-2011

" ADDITIONAL REAR VIEW "
DATE: 8-23-2011

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Residential System Sizing Calculation

Summary

MRS. MARLENE CAMPBELL
16000 SW 100TH CT
MIAMI, FL 33157-

Project Title:
MRS. MARLENE ADDITION

Code Only
Professional Version
Climate: South

11/5/2011

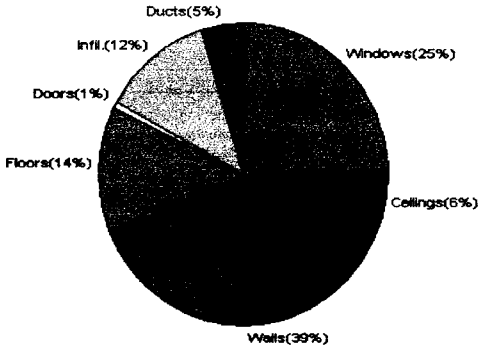
Location for weather data: Miami - Defaults: Latitude(25) Temp Range(L)
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(56gr.)

Winter design temperature	47	F	Summer design temperature	90	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	23	F	Summer temperature difference	15	F
Total heating load calculation	**30755**	**Btuh**	**Total cooling load calculation**	**50066**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Strip)	110.9	34100	Sensible (SHR = 0.7)	100.0	39900
			Latent	168.1	17100
			Total	113.8	57000

WINTER CALCULATIONS

Winter Heating Load (for 2146 sqft)

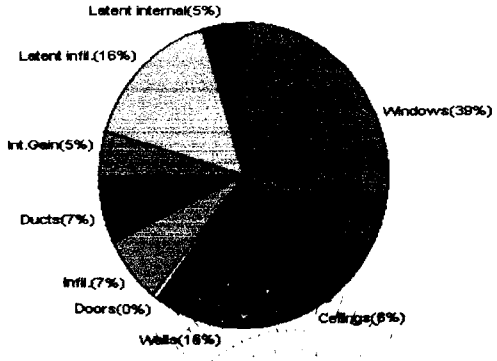
Load component			Load	
Window total	284	sqft	7554	Btuh
Wall total	1777	sqft	11906	Btuh
Door total	21	sqft	227	Btuh
Ceiling total	2146	sqft	1717	Btuh
Floor total	229	ft	4259	Btuh
Infiltration	143	cfm	3627	Btuh
Subtotal			**29290**	**Btuh**
Duct loss			1465	Btuh
TOTAL HEAT LOSS			**30755**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 2146 sqft)

Load component			Load	
Window total	284	sqft	19360	Btuh
Wall total	1777	sqft	7890	Btuh
Door total	21	sqft	223	Btuh
Ceiling total	2146	sqft	3004	Btuh
Floor total			0	Btuh
Infiltration	205	cfm	3390	Btuh
Internal gain			2400	Btuh
Subtotal(sensible)			**36267**	**Btuh**
Duct gain			3627	Btuh
Total sensible gain			**39893**	**Btuh**
Latent gain(infiltration)			7823	Btuh
Latent gain(internal)			2350	Btuh
Total latent gain			**10173**	**Btuh**
TOTAL HEAT GAIN			**50066**	**Btuh**



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EnergyGauge® System Sizing based on ACCA Manual J.
PREPARED BY: _____
DATE: 11/7/11

Effective March 1, 2009

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

FORM 1100B-08 | **Residential Component Prescriptive Method B** | **ALL CLIMATE ZONES**

Compliance with Method B of Chapter 11 of the Florida Building Code, Residential, or Subchapter 13-6 of the Florida Building Code, Building, may be demonstrated by the use of Form 1100B for single-and multiple-family residences of three stories or less in height, additions to existing residential buildings, renovations to existing residential buildings, new heating, cooling, and water heating systems in existing buildings, and site-added components of manufactured homes and manufactured buildings. To comply, a building must meet or exceed all of the energy efficiency requirements on Table 11B-1 and all applicable mandatory requirements summarized in Table 11B-2 of this form. If a building does not comply with this method, it may still comply under Method A of Chapter 11 or Subchapter 13-6 of the applicable code.

PROJECT NAME: AND ADDRESS:	MARLENE ADDITION 16000 SW 100TH CT MIAMI, FL 33157	**BUILDER:**	
		PERMITTING OFFICE:	MIAMI DADE
OWNER:		**PERMIT NO.:**	**JURISDICTION NO.:** 231000

1. New construction including additions which incorporate any of the following features cannot comply using this method: skylights or other nonvertical roof glass, glass areas in excess of 16 percent of conditioned floor area, and electric resistance heat (See Notes to Table 11B-1 on page 2).
2. Fill in all the applicable spaces of the "To Be Installed" column on "Table 11B-1 with the information requested. All "To Be Installed" values must be equal to or more efficient than the required levels.
3. Complete page 1 based on the "To Be Installed" column information.
4. Read "Minimum Requirements for All Packages", Table 11B-2 and check each box to indicate your intent to comply with all applicable items.
5. Read, sign and date the "Prepared By" certification statement at the bottom of page 1. The owner or owner's agent must also sign and date the form.

	Please Print	CK
1. **New construction, addition, or existing building**	1. addition	
2. **Single-family detached or multiple-family attached**	2. single-family	
3. **If multiple-family–No. of units covered by this submission**	3. —	
4. **Is this a worst case? (yes/no)**	4. NO	
5. **Conditioned floor area (sq. ft.)**	5. 410	
6. **Glass type and area:**		
a. U-factor	6a. 0.65	
b. SHGC	6b. 0.35	
c. Glass area	6c. 60 sq. ft.	
7. **Percentage of glass to floor area**	7. 15.0 %	
8. **Floor type, area or perimeter, and insulation:**		
a. Slab-on-grade (*R*-value)	8a. R = 0 61.0 lin. ft.	
b. Wood, raised (*R*-value)	8b. R = — — sq. ft.	
c. Wood, common (*R*-value)	8c. R = — — sq. ft.	
d. Concrete, raised (*R*-value)	8d. R = — — sq. ft.	
e. Concrete, common (*R*-value)	8e. R = — — sq. ft.	
9. **Wall type, area and insulation:**		
a. **Exterior:** 1. Masonry (Insulation R-value)	9a-1. R = 6 468 sq. ft.	
2. Wood frame (Insulation *R*-value)	9a-2. R = — — sq. ft.	
b. **Adjacent:** 1. Masonry (Insulation *R*-value)	9b-1. R = — — sq. ft.	
2. Wood frame (Insulation *R*-value)	9b-2. R = — — sq. ft.	
10. **Ceiling type, area and insulation:**		
a. Under attic (Insulation *R*-value)	10a. R = 30 sq. ft. 410	
b. Single assembly (Insulation *R*-value)	10b. R = — — sq. ft.	
11. **Air distribution system: Duct insulation, location**	11a. R = 6 unconditioned space	
Test report required if duct in unconditioned space	11b. Test report attached? Yes (No)	
12. **Cooling system:**	12a. Type: central	
(Types: central, room unit, package terminal A.C., gas, none)	12b. SEER/EER: 13.0	
	12c. Capacity: 57,000	
13. **Heating system:**	13a. Type: elec. strip	
(Types: heat pump, elec. strip, nat. gas, LP-Gas, gas h.p., room or PTAC, none)	13b. HSPF/COP/AFUE: /	
	13c. Capacity: 34,100	
14. **Programmable thermostat installed on HVAC systems:**	14. Yes (No)	
15. **Hot water system:**	15a. Type: Nat Gas (EXIST.)	
(Types: elec., nat. gas, LP-gas, solar, heat rec., ded. heat pump, other, none)	15b. EF: 0.59. (EXIST)	

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I hereby certify that the plans and specifications covered by the calculation are in compliance with the Florida Energy Code.

PREPARED BY: [signature] DATE: 11/7/11

I hereby certify that this building is in compliance with the Florida Energy Code:

OWNER/AGENT: DATE:

Review of plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed, this building will be inspected for compliance in accordance with Section 553.908, F.S.

BUILDING OFFICIAL:

DATE:

* **TABLE 11B-1** **MINIMUM REQUIREMENTS (See Note 1)** **All Climate Zones**

BUILDING COMPONENT	PERFORMANCE CRITERIA	INSTALLED VALUES:
Windows (see Note 2):	U-Factor = 0.65 SHGC = 0.35 % of CFA < = 16%	U-Factor = 0.65 SHGC = 0.35 % of CFA = 15.0
Exterior door type	Wood or insulated	Type: insulated.
Walls – Ext. and Adj. (see Note 3): Frame Mass (see Note 3) Interior of wall: Exterior of wall:	 R-13 R-6 R-4	 R-Value = N/A R-Value = 6 R-Value = N/A
Electric resistance heat (See Note 10)	Not allowed	N/A
Ceilings (see Notes 3 & 4)	R=30	R-Value = 30
Floors: Slab-on-grade Over unconditioned spaces (see Note 3)	No requirement R-13	R-Value = N/A
Hot water systems (storage type) Electric (see Note 5): Gas fired (see Note 6):	 40 gal: EF = 0.92 50 gal: EF = 0.90 40 gal: EF = 0.59 50 gal: EF = 0.58	 Gallons = N/A EF = Gallons = 40 EF = 0.59 (Existing)
Air conditioning systems (see Note 7)	SEER = 13.0	SEER = 13 (East)
Heat pump systems (see Note 8)	SEER = 13.0 HSPF = 7.7	SEER = HSPF = N/A
Gas furnaces	AFUE = 78%	AFUE = N/A
Oil furnaces	AFUE = 78%	AFUE = N/A
Programmable thermostat (see Note 10)	Must be installed on all HVAC systems.	Installed? Yes (No)
Ductwork: (see Note 9) Unconditioned space[a] Conditioned space Unvented attic assembly per R806.4 with insulation at the roof plane	 R-6, TESTED NA R-4.2	Location: ~~Unconditioned space~~ R-Value = 6 Test report: N/A Conditioned space R-Value = N/A (No test report required)
Air Handler location: Unconditioned attic[a] or garage Conditioned space or Unvented attic assembly per R806.4 with insulation at the roof plane	 Requires test report No duct test required	Location: conditioned space Test report: N/A

(1) Each component present in the As-Built home must meet or exceed each of the applicable performance criteria in order to comply with this code using this method; otherwise Method A compliance must be used.

(2) Windows and doors qualifying as glazed fenestration areas must comply with both the maximum U-Factor and the maximum SHGC (Solar Heat Gain Coefficient) criteria and have a maximum total window area equal to or less than 16% of the conditioned floor area (CFA), otherwise Method A must be used for compliance. **Exceptions:** 1. Additions of 600 square feet (56 m^2) or less may have maximum glass to CFA of 50 percent. 2. Renovations with new windows under ≥ 2 foot overhang whose lower edge does not extend further than 8 feet from the overhang may have tinted glazing or double-pane clear glazing. Replacement skylights installed in renovations shall be doublepaned or single paned with a diffuser.

(3) R-Values are for insulation material only as applied in accordance with manufacturers' installation instructions. For mass walls, the "interior of wall" requirement (R-6) must be met except if at least 50% of the R-4 insulation value required for the "exterior of wall" is installed exterior of, or integral to, the wall.

(4) Attic knee walls shall be insulated to same level as ceilings and shall have a positive means of maintaining insulation in place. Such means may include rigid insulation board or air barrier sheet materials adequately fastened to the attic sides of knee wall framing materials.

(5) For other electric storage volumes, minimum EF = 0.97 - (0.00132 * volume).

(6) For other natural gas storage volumes, minimum EF = 0.67 - (0.0019 * volume).

(7) For all conventional units with capacities greater than 30,000 Btu/hr. For Small-Duct, High-Velocity units, Space Constrained units, and units with capacities less than 30,000 Btu/hr see Table 13-607.AB.3.2A of the Florida Building Code, Building, or Table N1107.AB.3.2A of the Florida Building Code, Residential.

(8) For all conventional units with capacities greater than 30,000 Btu/hr. For Small-Duct, High-Velocity units, Space Constrained units, and units with capacities less than 30,000 Btu/hr see Table 13-607.AB.3.2B of the Florida Building Code, Building, or Table N1107.AB.3.2B of the Florida Building Code, Residential.

(9) All ducts and air handlers shall be either located in conditioned space or tested by a Class 1 BERS rater to be "substantially" leak free. "Substantially leak free" shall mean *distribution system air leakage to outdoors no greater than 3 cfm per 100 square feet of conditioned floor area at a pressure differential of 25 Pascal (0.10 in. wc.) across the* entire air distribution system, including the manufacturer's air handler enclosure. **Exception:** New or replacement ducts installed onto an existing air distribution system as part of an addition or renovation. Such ducts shall either be insulated to R-6 or be installed in conditioned space.

10) The prohibition on electric resistance heat and the requirement for programmable thermostats do not apply to additions, renovations, and new heating systems installed in existing buildings.

TABLE 11B-2 MINIMUM REQUIREMENTS FOR ALL PACKAGES

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Exterior Joints & Cracks	N1106.AB.1.2	To be caulked, gasketed, weather-stripped or otherwise sealed.	✓
Exterior Windows & Doors	N1106.AB.1.1	Max .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	✓
Sole & Top Plates	N1106.AB.1.2.1	Sole plates and penetrations through top plates of exterior walls must be sealed.	✓
Recessed Lighting	N1106.AB.1.2.4	Type IC rated with no penetrations (two alternatives allowed).	✓
Multistory Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	N/A
Exhaust Fans	N1106.AB.1.3	Exhaust fans vented to unconditioned space shall have dampers, except for combustion devices with integral exhaust ductwork.	✓
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N1112.AB.3. Switch or clearly marked circuit breaker electric or cutoff (gas) must be provided. External or built-in heat trap required for vertical pipe risers.	✓
Swimming Pools & Spas	N1112.AB.2.3.4	Spas & heated pools must have covers (except solar heated). Noncommercial pools must have a pump timer. Gas spa & pool heaters must have minimum thermal efficiency of 78%. Heat pump pool heaters shall have a minimum COP of 4.0.	N/A
Hot Water Pipes	N1112.AB.5	Insulation is required for hot water circulating systems (including heat recovery units).	N/A
Shower Heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 psig.	N/A
HVAC Duct Construction, Insulation & Installation	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in attics must be insulated to a minimum of R-6.	✓
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	✓

Miami Dade County Building Department
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John Ariton 11/14/2011 9:28:01 AM A MECH Approved

Phone: (305) 552-7504
Fax: (305) 229-8068

ARTURO R. TOIRAC

Professional Land Surveyor & Mapper

14317 S.W. 45th Terr.
Miami, Florida 33175

Property Address: 16000 SW 100th CT. Miami, FL. 33157

Legal Description:

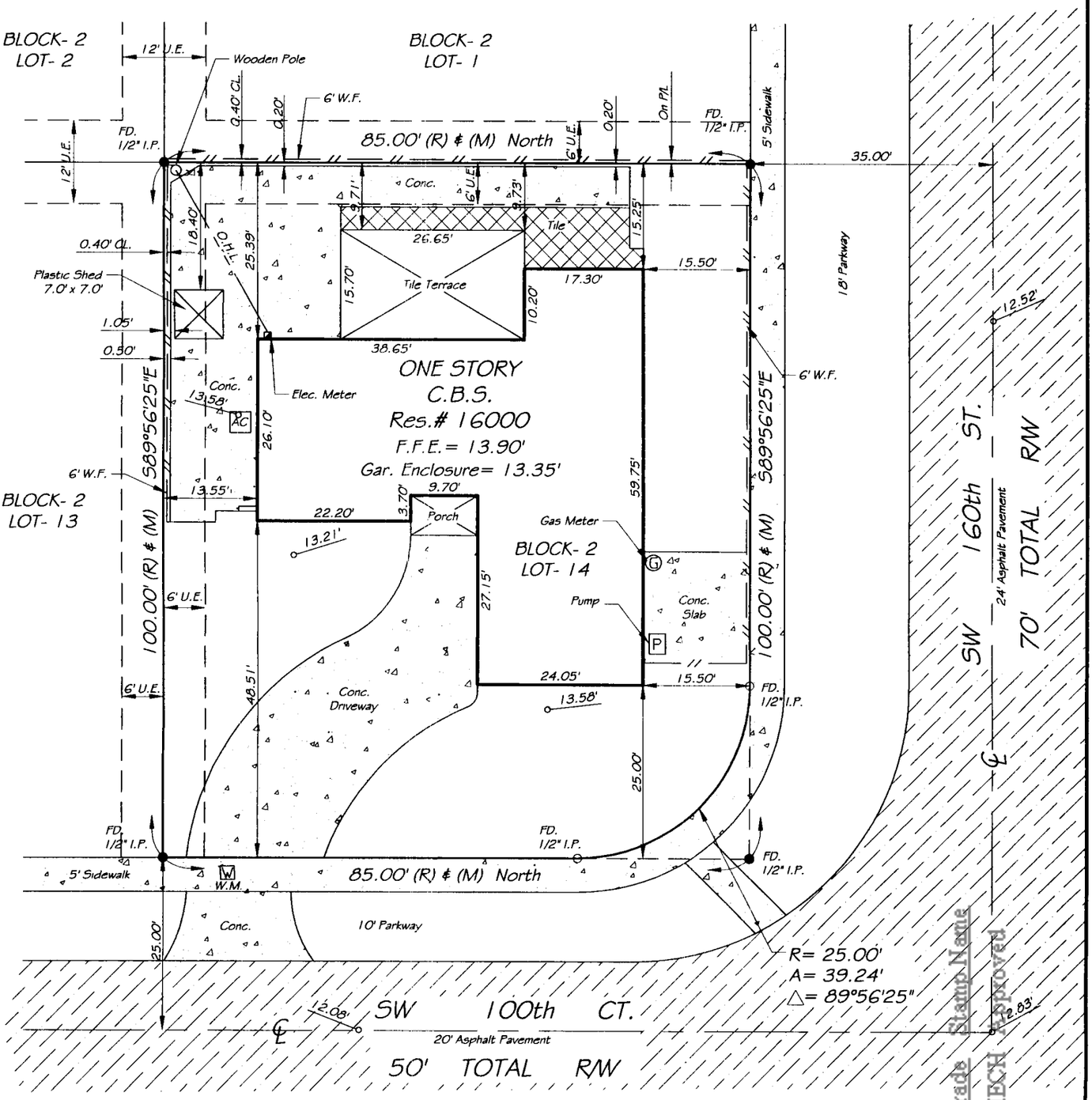
LOT. 14 BLOCK. 2 SUBDIVISION. FAIRWAY PARK SEC. 1

ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 68 AT PAGE 73

OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA.

SKETCH OF SURVEY
(Boundary Survey)
SCALE 1" = 20'

Scale: 1"=20'



NOTE:
ELEVATIONS ARE REFERRED TO MIAMI DADE COUNTY BM# B-321 ELEV.= 11.78' OF N.G.V.D. OF1929
VISUAL ENCROACHMENTS NOTED:

BASED ON THE FLOOD INSURENCE RATE MAP OF THE FEDERAL EMERGENCY AGENCY REVISED ON 9-11-09 THE HEREIN DESCRIBED PROPERTY IS SITUADED WITHIN:

ZONE X BASE FLOOD ELEV. N/A COMMUNITY NUMBER: 120635
PANEL NUMBER 0601 SUFFIX L

LEGAL NOTES

THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP. EXAMINATION OF THE ABSTRACT OF TITLE WILL HAVE TO BE MADE TO DETERMINE RECORDED INSTRUMENTS, IF ANY, AFFECTING THE PROPERTY. THIS SURVEY IS SUBJECT TO DEDICATION, LIMITATIONS, RESTRICTIONS, RESERVATIONS OR EASEMENTS OF RECORDS. LEGAL DESCRIPTION PROVIDED BY CLIENT. THE LIABILITY OF THIS SURVEY IS LIMITED TO THE COST OF THE SURVEY. UNDERGROUND ENCROACHMENTS, IF ANY, ARE NOT SHOWN. THIS FIRM HAS NOT ATTEMPTED TO LOCATE FOOTING AND/OR FOUNDATIONS AND/OR UNDERGROUND IMPROVEMENTS OF ANY NATURE. IF SHOWN BEARINGS ARE REFERRED TO AN ASSUMED MERIDIAN. IF SHOWN ELEVATIONS ARE REFERRED TO N.G.V.D. OF 1929 THE CLOSURE IN THE BOUNDARY SURVEY IS ABOVE 1: 10000

DATE OF FIELD WORK: Aug. 23, 2011

REVISED ON:

I hereby certify that the attached Sketch of Survey of the herein described property is to the best of my knowledge and belief, a true and correct representation, of a field survey performed under my direction. And also meets the Minimum Technical Standards as set forth by the Florida Board of Professional Surveyors and Mappers in chapter 5J-17.050 thru 5J-17.052 F.A.C. pursuant to Section 472.027 F. S.

ARTURO R. TOIRAC P.S.M. 3102

Not valid without the signature and the original embosed seal of a Florida Licensed Surveyor and Mapper.

CERTIFIED TO:
Marlene I. Campbell

LEGEND AND ABBREVIATIONS

JOB No. F10841

℄ = CENTER LINE	FD. = FOUND IRON PIPE	TYP. = TYPICAL	ENC. = ENCROACHMENT	AC = AIR CONDITIONED UNIT
P/L = PROPERTY LINE	O.H.L. = OVERHEAD UTILITIES	0.00 = ELEVATION	C.B.S. = CONCRETE BLOCK STRUCTURE	RES. = RESIDENCE
M/L = MONUMENT LINE	(C) = CALCULATED	R = RADIUS	CONC.= CONCRETE	W.M. = WATER METER
R/W = RIGHT OF WAY	(R) = RECORD	A = ARC DISTANCE	Ø = DIAMETER	U.E. = UTILITY EASEMENT
C.L.F.= CHAIN LINK FENCE	(M) = MEASURED	C.B. = CATCH BASIN	D.M.E.= DRAINAGE MAINT. EASEMENT	P.C.P.= PERMANENT CONTROL POINT
W.F.= WOODEN FENCE	CL. = CLEAR	B.C. = BLOCK CORNER	I.F. = IRON FENCE	P.O.B.= POINT OF BEGINNING

Miami Dade County Building Department
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