

O.M.B. No. 3067-0077
 Expires July 31, 2002

CROWN = 10.9'
 OF THE ROAD
 B001-053

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION

BUILDING OWNER'S NAME: JOHN C STEIGHNER II
 BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO.: 1255 NE 156 ST, N-MIAMI BEACH, FL.
 CITY: North Miami Beach STATE: FL. ZIP CODE: 33162
 PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.): Lot 174 w/ 16.6 FT of Lot 16, BL-117, EULFORD SEC. 3, PB 14, PG 38 DADE COUNTY RECORDS
 BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use Comments section if necessary): RESIDENTIAL
 LATITUDE/LONGITUDE (OPTIONAL) (##° - ##' - ###" or ##.####°):
 HORIZONTAL DATUM: NAD 1927 NAD 1983 SOURCE: GPS (Type): USGS Quad Map Other:

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER: NORTH MIAMI BEACH - 120656
 B2. COUNTY NAME: MIAMI-DADE
 B3. STATE: FLORIDA
 B4. MAP AND PANEL NUMBER: 12025C-0083
 B5. SUFFIX: J
 B6. FIRM INDEX DATE: July 17, 95
 B7. FIRM PANEL EFFECTIVE/REVISED DATE: March 2, 94
 B8. FLOOD ZONE(S): X
 B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding): N/A
 B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9:
 FIS Profile FIRM Community Determined Other (Describe):
 B11. Indicate the elevation datum used for the BFE in 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:

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

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. Building Diagram Number: 1 (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)
 C3. 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 C3a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.
 Datum: Conversion/Comments:
 Elevation reference mark used: Does the elevation reference mark used appear on the FIRM? Yes No
 a) Top of bottom floor (including basement or enclosure) 14.4' ft. (m)
 b) Top of next higher floor N/A ft. (m)
 c) Bottom of lowest horizontal structural member (V zones only) N/A ft. (m)
 d) Attached garage (top of slab) 13.1' ft. (m)
 e) Lowest elevation of machinery and/or equipment servicing the building _____ ft. (m)
 f) Lowest adjacent grade (LAG) 11.0' ft. (m)
 g) Highest adjacent grade (HAG) 12.9' ft. (m)
 h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade _____
 i) Total area of all permanent openings (flood vents) in C3h _____ sq. in. (sq. cm)

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 in Sections A, B, and C 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.
 CERTIFIER'S NAME: PABLO J. ALFONSO LICENSE NUMBER: 5880
 PROFESSIONAL SURVEYOR & MAPPER COMPANY NAME: TOP GUN GROUP, INC.
 ADDRESS: 291 E. 38th STREET CITY: HIALEAH STATE: FL ZIP CODE: 33013
 SIGNATURE: [Signature] DATE: 2/19/2001 TELEPHONE: (305) 342-5185

TABLE 6C-1: PRESCRIPTIVE REQUIREMENTS FOR ALL ADDITIONS (600 Sq. Ft. and Less), RENOVATIONS TO EXISTING BUILDINGS AND SITE-INSTALLED COMPONENTS OF MANUFACTURED HOUSING

COMPONENT		MINIMUM INSULATION	INSULATION INSTALLED	EQUIPMENT	MINIMUM EFFICIENCY	INSTALLED EFFICIENCY	
WALLS	Concrete Block	R-5	405	COOLING	Central A/C - Split - Single Pkg. Room unit or PTAC	SEER = 10.0	SEER =
	Frame, 2' x 4'	R-11				SEER = 9.7	SEER =
	Frame, 2' x 6'	R-19				EER = 8.5*	EER =
	Common, Frame	R-11		SPACE HEATING	Electric Resistance	ANY	
	Common, Masonry	R-3	192			Heat pump - Split - Single Pkg.	HSPF = 6.8
CEILING	Under Attic	R-30		Room unit or PTHP	HSPF = 6.6	HSPF =	
	Single Assembly; Enclosed	R-19	320	Gas, natural or propane	COP = 2.7*	HSPF/ COP =	
	Frame	R-13			Fuel Oil	AFUE = .78	AFUE =
	Metal Pans	R-10				AFUE = .78	AFUE =
Single Assembly; Open	R-11		HOT WATER	Electric Resistance	EF = .88	EF = 19	
Common, Frame	R-11				Gas; Natural or L.P.	EF = .54	EF =
FLOORS	Slab-on-grade	No Minimum	75			EF =	
	Raised Wood	R-11				EF =	
	Raised Concrete	R-5				EF =	
DUCT	Common, Frame	R-11				EF =	
	In unconditioned space	R-6					
	In conditioned space	No minimum					

* See Table 6-3, 6-7

TABLE 6C-2: PRESCRIPTIVE REQUIREMENTS FOR GLASS AREAS IN ADDITIONS ONLY

Maximum percentage glass to floor area allowed is selected by type, overhang length, and shading coefficient. Maximum% = 20 Installed % = 8

GLASS TYPE, OVERHANG, AND SHADING COEFFICIENT REQUIRED FOR GLASS PERCENTAGE ALLOWED							
UP TO 20%		UP TO 30%		UP TO 40%		UP TO 50%	
Single	Double	Single	Double	Single	Double	Single	Double
OH - SC	OH - SC	OH - SC	OH - SC	OH - SC	OH - SC	OH - SC	OH - SC
1' - 1.0	0' - .90	2' - 1.0	1' - .90	3' - 1.0	2' - .90	4' - 1.0	3' - .90
0' - .86		1' - .86	0' - .70	2' - .86	1' - .70	3' - .86	2' - .70
		0' - .65		1' - .65	0' - .50	2' - .65	1' - .50
				0' - .45		1' - .45	0' - .40
						0' - .35	

SHGC or SC may be obtained from the manufacturer. Single clear SC = 1.0, double clear SC = .90, and single tint SC = .86. SHGC = 87 = SC

TABLE 6C-3: MINIMUM REQUIREMENTS FOR ALL PACKAGES

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Exterior Joints & Cracks	606.1	To be caulked, gasketed, weather-stripped or otherwise sealed.	✓
Exterior Windows & Doors	606.1	Max. 0.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	✓
Sole & Top Plates	606.1	Sole plates and penetrations through top plates of exterior walls must be sealed.	✓
Recessed Lighting	606.1	Type IC rated with no penetrations (two alternatives allowed).	N/A
Multi-story Houses	606.1	Air barrier on perimeter of floor cavity between floors.	N/A
Exhaust Fans	606.1	Exhaust fans vented to unconditioned space shall have dampers, except for combustion devices with integral exhaust ductwork.	✓
Combustion Heating	606.1	Combustion space and water heating systems must be provided with outside combustion air, except for direct vent appliances.	N/A
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	✓
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have minimum thermal efficiency of 78%.	N/A
Hot Water Pipes	612.1	Insulation is required for hot water circulating systems (including heat recovery units).	✓
Shower Heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	✓
HVAC Duct Construction, Insulation & Installation	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section 610.1. Ducts in attics must be insulated to a minimum of R-6.	N/A
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	N/A

GENERAL DIRECTIONS:

- On Table 6C-1 indicate the R-value of the insulation being added to each component and the efficiency levels of the equipment being installed. All R-values and efficiencies installed must meet or exceed the minimum values listed. Components and equipment neither being added nor renovated may be left blank.
- ADDITIONS ONLY. Determine the percentage of new glass to conditioned floor area in the addition as follows. Total the areas of all glass windows, sliding glass doors and glass door panels. Double the area of all vertical roof glass and add it to the previous total. When glass in existing exterior walls is being removed or enclosed by the addition, an amount equal to the total area of this glass may be subtracted from the total glass. Divide the adjusted glass area total by the conditioned floor area of the addition. Multiply by 100 to get the percent. Find the largest glass percentage under which your calculated percentage falls on Table 6C-2. Prescribe the type of glass (Single or Double pane) and the overhang (OH) paired with a shading coefficient (SC). For a given glass type and overhang, the minimum shading coefficient allowed is specified. Actual windows and doors previously in the exterior walls of the house and being reinstalled in the addition do not have to comply with the overhang and shading coefficient requirements on Table 6C-2. All new glass in the addition must meet the requirement for one of the options in the glass percentage category you indicated. The overhang (OH) distance is measured perpendicularly from the face of the glass to a point directly under the outermost edge of the overhang.
- RENOVATIONS ONLY. Replacement glass needs to meet the following requirements. Any glass type and shading coefficient may be used for glass areas which are under at least a two foot overhang and whose edge does not extend further than 8 feet from the overhang. Glass areas being renovated that do not meet this criteria must be either single-pane tinted, double-pane clear or double-pane tinted.
- BUILDING SYSTEMS. Comply when new system is installed for system installed.
- Complete the information requested on the top half of page 1.
- Read "Minimum Requirements for Small Additions and Renovations", Table 6C-3, and check all applicable items.
- Read, sign and date the "Owner/Agent" certification statement on page 1.

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BUILDING DIVISION
CITY OF NORTH MIAMI BEACH