



**CITY OF NORTH MIAMI BEACH  
BUILDING DEPARTMENT**

**Residential\* Plan Review Guidelines**

*(Mechanical Review)*

Project Address: \_\_\_\_\_

\_\_\_\_\_ Instructions for

using this form:

1. This form provides a list of code requirements that must be verified by the Building Department before the issuance of a building permit.
2. Code references are to the 2007 Florida Building Code (unless otherwise noted). Suffixes identify the code volume as follows:  
Building (B1) - Existing (Ex) - Fuel/Gas (Gs) - Mechanical (Me) - National Electric Code (NEC) - Plumbing (PI) - Residential (Re)
3. Provide the drawing number (Dwg. No.) where compliance with the referenced code section may be verified or check the N.A. box whenever the code provision is not applicable.

*\*Single family homes, duplexes, townhouses, as defined in 101.2 (Re).*

General Requirement	Specific Code Requirement	Code Section(s)	Dwg. No.	N.A.	Other Information
Energy Efficiency		Chapter 13 (BI)			
• Applicability	Residential buildings	13-101.2 (BI)			
	Existing buildings	13-101.4 (BI)			
	Exempt buildings	13-101.5 (BI)			
	Building systems	13-101.6 (BI)			
Single family residences, duplexes, townhouses		13-600 (BI)			
	Fenestrations	13-601.1, 13-601.2 (BI)			
	Walls	13-602.1, 13-602.2 (BI)			
	Doors	13-603.1, 13-603.2 (BI)			
	Ceilings	13-604.1, 13-604.2 (BI)			
	Floors	13-605.1, 13-605.2 (BI)			
	Air infiltration	13-606.1, 13-606.2 (BI)			
	Space cooling systems	13-607.1, 13-607.2 (BI)			
	Space heating systems	13-608.1, 13-608.2 (BI)			
	Ventilation systems	13-609.1, 13-609.2 (BI)			
	Air distribution systems	13-610.1, 13-610.2 (BI)			
	Piping	13-611.1, 13-611.2 (BI)			
	Water heating systems	13-612.1, 13-612.2 (BI)			
Chimneys and Fireplaces	Listed, labeled, installation	1002.1, 1004.1 (Re)			
Mechanical Systems	Appliance labeling, access, installation	1303-1308 (Re)			
Heating and Cooling Equipment	Sizing of heating and cooling equipment	1401.3(Re)			
	Requirements specific by equipment	1401.2-1415 (Re)			
Exhaust Systems		Chapter 15 (Re)			
Duct Systems	Design and construction	1601 (Re)			
	Return air	1602 (Re)			
Combustion Air	Supply, prohibited sources, opening area	1701 (Re)			
	All air from inside the building	1702 (Re)			
	All air from outdoors	1703 (Re)			
Chimneys and Vents	General requirements	1801 (Re)			
	Components	1802 (Re)			
	Connectors	1803 (Re)			
	Masonry and factory built chimneys	1805 (Re)			
Special Fuel Burning Equipment		Chapter 19 (Re)			
Boilers/Water Heaters		Chapter 20 (Re)			
Hydronic Piping		Chapter 21 Re			

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Special Piping		Chapter 22 (Re)			
Solar Systems		Chapter 23 (Re)			
Penetration of Fire Rated Assemblies		317.3 (Re)			