



# CERTIFICATE OF APPROPRIATENESS PLACARD

for Raleigh Historic Resources

**Project Description:**

105 N BLOODWORTH STREET

Address

OAKWOOD

Historic District

Historic Property

158-16-MW

Certificate Number

09-23-2016

Date of Issue

03-23-2017

Expiration Date

- Replace rear HVAC unit

*This card must be kept pasted in a location within public view until all phases of the described project are complete. The work must conform with the code of the City of Raleigh and laws of the state of North Carolina. When your project is complete, you are required to ask for a final zoning inspection in a historic district area. Telephone the RHDC office at 832-7238 and commission staff will coordinate the inspection with the Inspections Department. If you do not call for this final inspection, your Certificate of Appropriateness is null and void.*

Signature

Raleigh Historic Development Commission

*Pending the resolution of appeals, commencement of work is at your own risk.*

# Raleigh Historic Development Commission – Certificate of Appropriateness (COA) Application



**DEVELOPMENT  
SERVICES  
DEPARTMENT**

Development Services  
Customer Service Center  
One Exchange Plaza  
1 Exchange Plaza, Suite 400  
Raleigh, North Carolina 27601  
Phone 919-996-2495  
eFax 919-996-1831



<input checked="" type="checkbox"/> Minor Work (staff review) – 1 copy  <input type="checkbox"/> Major Work (COA Committee review) – 10 copies <ul style="list-style-type: none"> <li><input type="checkbox"/> Additions Greater than 25% of Building Square Footage</li> <li><input type="checkbox"/> New Buildings</li> <li><input type="checkbox"/> Demo of Contributing Historic Resource</li> <li><input type="checkbox"/> All Other</li> </ul> <input type="checkbox"/> Post Approval Re-review of Conditions of Approval	<p style="text-align: center;"><b>For Office Use Only</b></p> Transaction # <u>487484</u> File # <u>158-16-MW</u> Fee <u>29</u> Amount Paid <u>29 via CC</u> Received Date <u>9/14/16</u> Received By <u>ACH</u>
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Property Street Address 105 N. Bloodworth St., Raleigh, NC 27601

Historic District Oakwood

Historic Property/Landmark name (if applicable)

Owner's Name Marc & Kristen Spancake

Lot size 4093 (width in feet) 39.36-39.80 (depth in feet) 103.15-103.67

For applications that require review by the COA Committee (Major Work), provide addressed, stamped envelopes to owners of all properties within 100 feet (i.e. both sides, in front (across the street), and behind the property) not including the width of public streets or alleys (Label Creator).

Property Address	Property Address

I understand that all applications that require review by the commission's Certificate of Appropriateness Committee must be submitted by 4:00 p.m. on the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.

Type or print the following:

Applicant **Marc Spancake**

Mailing Address **105 N. Bloodworth St.**

City **Raleigh**

State **NC**

Zip Code **27601**

Date **9/12/16**

Daytime Phone **919-999-6863**

Email Address **thespancakes@gmail.com**

Applicant Signature *Marc Spancake*

Office Use Only

Will you be applying for rehabilitation tax credits for this project?  Yes  No

Did you consult with staff prior to filing the application?  Yes  No

Type of Work \_\_\_\_\_

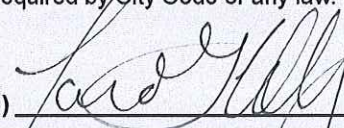
50

**Design Guidelines** - Please cite the applicable sections of the design guidelines ([www.rhdc.org](http://www.rhdc.org)).

Section/Page	Topic	Brief Description of Work (attach additional sheets as needed)
3.10.3, 3.10.8, p. 47	Utilities & Energy Retrofit	<p>Installed a new air conditioning system on the north side of the dwelling. The unit is an Amana ASX160301F with the following dimensions: Width: 29", Height: 36 1/4", Depth: 29". It replaced the rear of the two existing air conditioning units, as shown in the provided photos.</p> <p>The Amana logo shown in the provided documentation was replaced by Allen Kelly branding.</p>

**Minor Work Approval (office use only)**

Upon being signed and dated below by the Planning Director or designee, this application becomes the Minor Work Certificate of Appropriateness. It is valid until 3/23/17. Please post the enclosed placard form of the certificate as indicated at the bottom of the card. Issuance of a Minor Work Certificate shall not relieve the applicant, contractor, tenant, or property owner from obtaining any other permit required by City Code or any law. Minor Works are subject to an appeals period of 30 days from the date of approval.

Signature (City of Raleigh)  Date 9/23/16

	TO BE COMPLETED BY APPLICANT		TO BE COMPLETED BY CITY STAFF		
	YES	N/A	YES	NO	N/A
Attach 8-1/2" x 11" or 11" x 17" sheets with written descriptions and drawings, photographs, and other graphic information necessary to completely describe the project. Use the checklist below to be sure your application is complete.			✓		
<b>Minor Work (staff review) – 1 copy</b>					
<b>Major Work (COA Committee review) – 10 copies</b>					
1. <b>Written description.</b> Describe clearly and in detail the nature of your project. Include exact dimensions for materials to be used (e.g. width of siding, window trim, etc.)	<input checked="" type="checkbox"/>		✓		
2. <b>Description of materials</b> (Provide samples, if appropriate)	<input checked="" type="checkbox"/>		✓		
3. <b>Photographs</b> of existing conditions are required. Minimum image size 4" x 6" as printed. Maximum 2 images per page.	<input checked="" type="checkbox"/>		✓		
4. <b>Paint Schedule</b> (if applicable)	<input type="checkbox"/>	<input checked="" type="checkbox"/>			✓
5. <b>Plot plan</b> (if applicable). A plot plan showing relationship of buildings, additions, sidewalks, drives, trees, property lines, etc., must be provided if your project includes any addition, demolition, fences/walls, or other landscape work. Show accurate measurements. You may also use a copy of the survey you received when you bought your property. Revise the copy as needed to show existing conditions and your proposed work.	<input type="checkbox"/>	<input checked="" type="checkbox"/>			✓
6. <b>Drawings</b> showing existing and proposed work <input type="checkbox"/> Plan drawings <input type="checkbox"/> Elevation drawings showing the façade(s) <input type="checkbox"/> Dimensions shown on drawings and/or graphic scale (required) <input type="checkbox"/> 11" x 17" or 8-1/2" x 11" reductions of full-size drawings. If reduced size is so small as to be illegible, make 11" x 17" or 8-1/2" x 11" snap shots of individual drawings from the big sheet.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	✓		
7. Stamped envelopes addressed to all property owners within 100 feet of property not counting the width of public streets and alleys (required for Major Work). Use the <u>Label Creator</u> to determine the addresses.	<input type="checkbox"/>	<input checked="" type="checkbox"/>			✓
8. <b>Fee (See Development Fee Schedule)</b>	<input checked="" type="checkbox"/>		✓		

\$29

COOLING CAPACITY: 18,000 - 57,000 BTU/H

**HIGH-EFFICIENCY**  
**SPLIT SYSTEM AIR CONDITIONER**  
**UP TO 16 SEER**



**Contents**

Nomenclature..... 2  
 Product Specifications..... 3  
 Expanded Cooling Data ..... 4  
 Energy Star Combinations ..... 24  
 AHRI Ratings..... 26  
 Dimensions ..... 69  
 Wiring Diagrams..... 70  
 Accessories ..... 72

**Standard Features**

- High-efficiency Copeland® scroll compressor
- Copeland CoreSense diagnostics
- High-density foam compressor sound blanket
- Single-speed ECM condenser fan motor
- Factory-installed filter drier
- Factory-installed high- and low-pressure switches
- Copper tube/ enhanced aluminum fin coil
- Fully charged for 15' of tubing length
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

**Cabinet Features**


- Heavy-gauge, galvanized-steel cabinet with sound control top
- Baked-on powder-paint finish
- Wire fan discharge grille
- Steel louver coil guard
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).



\* Complete warranty details available from your local dealer or at [www.amana-hac.com](http://www.amana-hac.com). To receive the Lifetime Unit Replacement Limited Warranty (good for as long as you own your home) and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec.

	ASX16 0181F*	ASX16 0241F*	ASX16 0301F*	ASX16 0311A*	ASX16 0361F*	ASX16 0371A*	ASX16 0421F*	ASX16 0481F*	ASX16 0601F*	ASX16 0611F*
<b>CAPACITIES</b>										
Nominal Cooling (BTU/h)	18,000	23,600	29,000	30,000	34,800	36,000	42,000	45,500	54,000	57,000
Decibels	71.5	71.5	71.5	71.5	71.5	73	73	73	73	73
<b>COMPRESSOR</b>										
RLA	9.0	13.5	12.8	12.8	14.1	15.4	17.9	17.9	21.4	25
LRA	46	58.3	64	64	77	83.9	112	112	135	134
<b>CONDENSER FAN MOTOR</b>										
Horsepower (RPM)	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/4	1/3	1/4
FLA	1.10	1.10	1.10	0.95	1.10	0.95	1.10	1.50	2.80	1.50
<b>REFRIGERATION SYSTEM</b>										
Refrigerant Line Size <sup>1</sup>										
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
Refrigerant Connection Size										
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	78	62	78	94	94	93	110	121	237	125
<b>ELECTRICAL DATA</b>										
Voltage (Single-Phase, 60 Hz)	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
Minimum Circuit Ampacity <sup>2</sup>	12.4	18.0	17.1	17.0	18.7	20.2	23.5	23.9	29.6	32.8
Max. Overcurrent Protection <sup>3</sup>	20	30	25	25	30	35	40	40	50	50
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
<b>EQUIPMENT WEIGHT (LBS)</b>	145	142	149	161	162	182	206	219	279	291
<b>SHIP WEIGHT (LBS)</b>	163	160	167	179	180	204	228	241	301	314
<b>ENERGY STAR® CERTIFIED <sup>▲</sup></b>										NO

<sup>▲</sup> Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov). The [www.energystar.gov](http://www.energystar.gov) website provides up-to-date system combinations certified to meet ENERGY STAR requirements. See Pages 24-25 for all ENERGY STAR certified combinations as of this document's revision date.

<sup>1</sup> Tested and rated in accordance with AHRI Standard 210/240

<sup>2</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

<sup>3</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

**NOTES**

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 7/8" to 1 1/4" adapters for suction line connections (5-ton units only).
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT, NOT THE INDOOR COIL.

