



CERTIFICATE OF APPROPRIATENESS PLACARD

for Raleigh Historic Resources

30 WATAUGA CLUB DR

Address

Historic District

HOLLADAY HALL

Historic Property

093-14-MW

Certificate Number

7/10/2014

Date of Issue

1/10/2015

Expiration Date

Project Description:

- Install 2 vents in windows on rear of building.

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.



Planning & Development

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

Raleigh Historic Development Commission-Certificate of Appropriateness (COA) Application



RALEIGH HISTORIC DEVELOPMENT COMMISSION

- Minor Work (staff review) – 1 copy**
- Major Work (COA Committee review) – 13 copies**
 - Most Major Work Applications
 - Additions Greater than 25% of Building Square Footage
 - New Buildings
 - Demo of Contributing Historic Resource
- Post Approval Re-review of Conditions of Approval

For Office Use Only (331976)

Transaction# 401887

File# 093-14-MW

Fee \$28

Amt Paid \$28

Check# CC

Rec'd Date 7/8/14

Rec'd By Jenna Turkey

• If completing by hand, please use **BLACK INK**. Do not use blue, red, any other color, or pencil as these do not photocopy.

Property Street Address 20 Watauga Club Drive, Raleigh NC

Historic District n/a

Historic Property/Landmark name (if applicable) Holladay Hall

Owner's Name NC State University

Lot size n/a (width in feet) (depth in feet)

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

Property Address	Property Address

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 Kevin Ingalls (for David Hatch, Director, Repair and Renovation Services)

Mailing Address Sullivan Shops Building I, Campus Box 7541

City Raleigh State NC Zip Code 27695

Date 6/19/14 Daytime Phone 919-513-2413

Email Address kdingalls@ncsu.edu

Signature of Applicant _____

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 _____ . 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 work projects not approved by staff will be forwarded to the Certificate of Appropriateness Committee for review at the next scheduled meeting.

Signature  Date _____

<p>Project Categories (check all that apply):</p> <p><input checked="" type="checkbox"/> Exterior Alteration</p> <p><input type="checkbox"/> Addition</p> <p><input type="checkbox"/> New Construction</p> <p><input type="checkbox"/> Demolition</p> <p>Will you be applying for state or federal rehabilitation tax credits for this project?</p> <p><input type="checkbox"/> Yes</p> <p><input checked="" type="checkbox"/> No</p>	<p align="center">(Office Use Only)</p> <p>Type of Work _____</p> <p><u>84, 81</u></p> <p>_____</p> <p>_____</p>
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Design Guidelines Please cite the applicable sections of the design guidelines (www.rhdc.org).		
Section/Page	Topic	Brief Description of Work
Pg.15	Type of Work-Minor Work	Line 84: Alteration/Removal of existing windows, sash, opening or trim.
Sec. 3.7, pg.38-41	Windows	Alter two existing restroom windows on east building facade. Remove one pane from each window to install electric fan for ventilation existing muntins, sash are not to be altered or damaged in the process. Paint any disturbed muntin finish to match existing. Please note: The fans will be removed and the glass panes will be reinstalled at a later date when a building-wide HVAC renovation is funded.
Sec.3.10, pg.47	Utilities and Energy Retrofit: Guidelines	Alter two existing bathroom windows on east building facade. Remove one pane from each window to install electric fan for ventilation existing muntins, sash are not to be altered or damaged in the process. The fans will be removed and the glass reinstalled at a later date when a building-wide HVAC renovation is funded.

	TO BE COMPLETED BY			
	CITY STAFF			
	YES	NO	N/A	
<p>Attach 8-1/2 " x 11" 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.</p> <p>----- : Minor Work (staff review) – 1 copy -----</p> <p>Major Work (COA Committee review) – 13 copies</p>				
1. Written description. 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.)				
2. Description of materials (Provide samples, if appropriate)				
3. Photographs of existing conditions are required.				
4. Paint Schedule (if applicable)	<input type="radio"/>			
5. Plot plan (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="radio"/>			
6. Drawings showing proposed work				
<input type="radio"/> Plan drawings				
<input type="radio"/> Elevation drawings showing the new facade(s).	<input type="radio"/>			
<input type="radio"/> Dimensions shown on drawings and/or graphic scale.				
<input type="radio"/> 8-1/2" x 11" reductions of full-size drawings. If reduced size is so small as to be illegible, make 8-1/2" x 11" snap shots of individual drawings on the big sheet.				
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)	<input type="radio"/>			
8. Fee (See Development Fee Schedule) (Minor Work Administrative Appv: \$28)				

Application for Proposed Change to Holladay Hall

Alter two existing restroom windows on east building façade. Remove one pane from each window to install electric fan for ventilation; existing muntin, sash, are not to be altered or damaged in the process. Paint any disturbed muntin finish to match existing. Please note: The fans will be removed and the glass panes will be reinstalled at a later date when a building-wide HVAC renovation is funded, and the ventilation to the restrooms is achieved through a chase to the roof.

For each window pane replaced, two metal templates will be fabricated to fit the exact dimensions of the window frame, one for the outside, one for the inside. The outside template will fit in place of the original window pane and around the 6" circular duct of the ventilation fan, and will be painted a bronze color to match the exterior of the building. The inside template will fit over the muntins and around the 6" circular duct. Additionally, foam set between the template and the frame to protect the wood from damage due to vibration from the fan. Using four bolts connecting the two templates, the ventilation fan will held in place by squeezing the two templates together.

The dimensions of the Men's Restroom (room 104A) window are $15 \frac{3}{4}$ " at its highest height, 12" at its lowest height, and $13 \frac{5}{8}$ " wide.

The dimensions of the Women's Restroom (room 204A) window are $14 \frac{1}{8}$ " at its highest height, $10 \frac{3}{4}$ " at its lowest height, and $13 \frac{1}{2}$ " wide.

Holladay Hall Window Exhaust



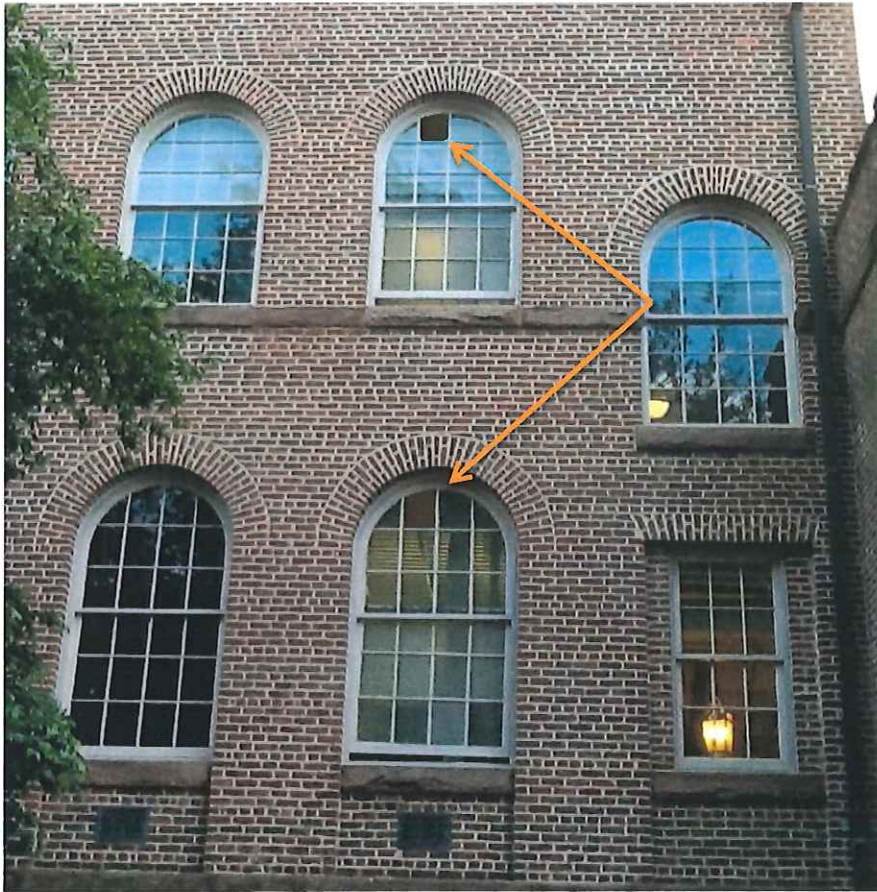
Existing condition (men's rm-104A and women's rm-204A)



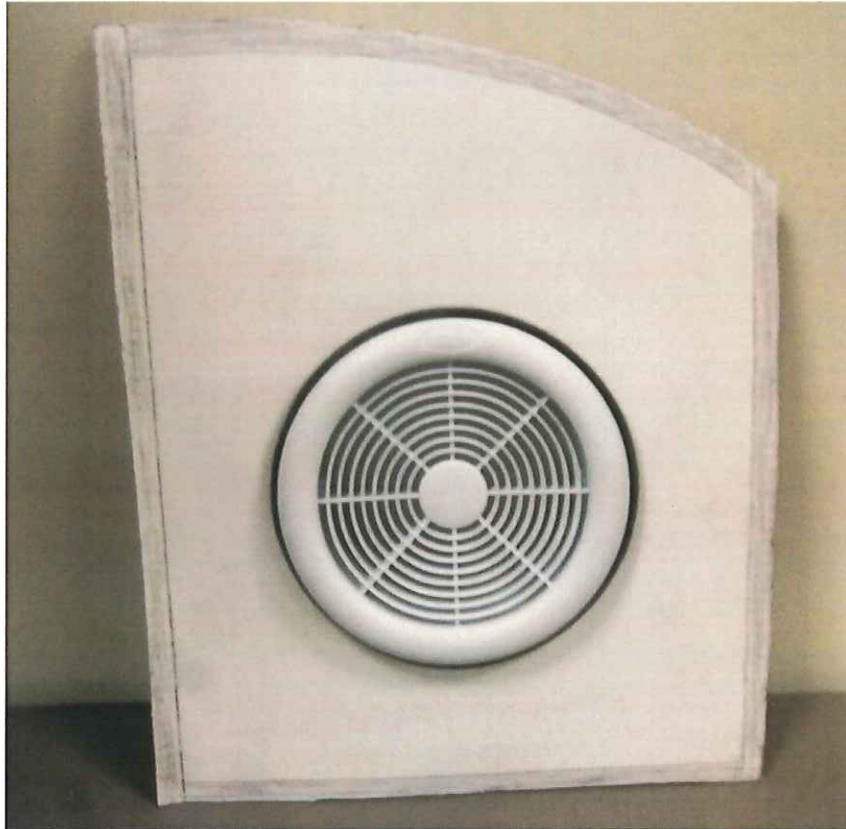
Proposed Install (Men's rm-104A and Women's rm-204A)



Existing exterior condition (men's and women's room)



Prospective view of exterior fan installation



Proposed Interior Panel/Grill



Proposed Exterior Grill

RVF Series

Exterior-Mount Fan

Description

Centrifugal type wall mount exhausters suitable for residential or light commercial applications. Fans are designed for easy installation. RVF Series fans are approved for use as remote mount exhausters with residential range hoods. Motors are capable of operating in air stream temperature of up to 140o F. All units are 100% speed controllable through a decrease in voltage using either a solid state or transformer type speed control. RVF exhausters can be supplied with optional equipment including integral disconnect switch, duct mounting clamps, backdraft dampers, etc. All units are backed by Fantech's Five Year Warranty.

Guide Specifications for Model RVF Exterior-Mount Fan

Construction

Housing

- Wall mount exhaust fans shall be of the centrifugal, direct driven type.
- Fan housing shall be constructed of heavy gauge galvanized sheet metal with a white baked enamel finish.
- Wall mount backplate shall be provided with a gasket seal to prevent leakage and to isolate vibration.
- Discharge cover shall be easily removable for mounting and/or service of the fan.
- Pre-wired internal terminal box shall be provided for electrical connection.

Motor

- Motorized impeller shall be an external rotor type, with permanent split capacitor.
- Motor shall be a permanently sealed self lubricating ball bearing type.
- Motor shall be equipped with automatic reset thermal overload protection.
- Motor shall be acceptable for continuous duty.
- Sufficient service factor shall be provided to ensure long maintenance free operation over maximum load conditions.

Wheel

- Fan wheel shall be of the backward inclined centrifugal type with a well designed inlet venturi for maximum performance.
- Motorized impeller shall be both statically and dynamically balanced as one integral unit to provide for vibration free performance.

Performance

- Fan performance shall be based on tests conducted in accordance with HVI and certified by HVI.

Code Approval

- Fan shall be tested and approved by UL and CSA (or equal) for safety.

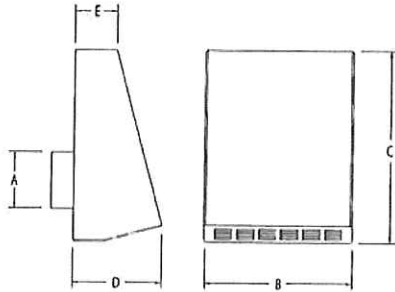
RVF Series shall be manufactured under the authority of Fantech, Inc., Lenexa, KS.

Submittal Sheet

Item #: 450373
Rev Date: 080113

RVF Series

Exterior-Mount Fan



STANDARD FEATURES

- Galvanized steel housing with powder coat finish
- Powered by external rotor motorized impeller
- Permanently lubricated sealed ball bearings
- 100% speed controllable
- Automatic reset thermal overload protection

Model	A	B	C	D	E	Metal Gauge	Weight
RVF 4"	3 1/8	10 1/4	13	6	2 1/2	20	8
RVF 4XL	3 1/8	10 1/2	13	6	2 1/2	20	10
RVF 6	5 7/8	10 1/4	13	6	2 1/2	20	10
RVF 6XL	5 7/8	14 1/4	17	6	2 1/2	20	14
RVF 8XL	7 1/2	14 1/4	17	6	2 1/2	20	14



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Model 450373, 080113

Fan Specifications							Motor Specifications				
Line	Qty	Model No.	Tag	CFM	SP	Fan RPM	Watts	Volts	Phase	Hertz	Encl
1											
2											
3											
4											

Accessory Items	1				Accessory Items	1			
	1	2	3	4		1	2	3	4
<input type="checkbox"/>					<input type="checkbox"/>				
<input type="checkbox"/>					<input type="checkbox"/>				
<input type="checkbox"/>					<input type="checkbox"/>				
<input type="checkbox"/>					<input type="checkbox"/>				

Project: _____ Submitted: _____
Customer: _____ Approved: _____
Location: _____

United States 1004B Industrial Blvd. • Lenexa, KS 66051 • 1.800.747.1762 • www.fantech.net
Canada 50 Kearsarge Way • Bouctouche, NB E4S 3M5 • 1.800.565.3548 • www.fantech.ca

Fantech reserves the right to make technical changes.
For updated documentation please refer to www.fantech.net



