Certificate of Appropriateness Placard
for Raleigh Historic Resources

401 E Whitaker Mill Rd
Address

Wake County Home
Historic Property
103-18-MW
Certificate Number
07-16-2018
Date of Issue
1-16-2019
Expiration Date

Project Description:
- Remove non-historic windows, install mechanical louvers;
  install pipes

This card must be kept posted 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.
Property Street Address: 401 E. Whitaker Mill Rd, Raleigh NC

Historic District

Historic Property/Landmark name (if applicable): Community Services Center

Owner's Name: Wake County

Lot size: (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 (i.e. both sides, in front (across the street), and behind the property) not including the width of public streets or alleys (Label Creator).
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  Sebastian Duca, AIA
Mailing Address  Davis Kane Architects, 503 Oberlin Rd., suite 300
City  Raleigh  State  NC  Zip Code  27605
Date
Email Address  sduca@daviskane.com

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

Office Use Only
Type of Work  84, 61

Design Guidelines - Please cite the applicable sections of the design guidelines (www.rhdc.org).

<table>
<thead>
<tr>
<th>Section/Page</th>
<th>Topic</th>
<th>Brief Description of Work (attach additional sheets as needed)</th>
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<tr>
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<td>Mechanical movement - existing offices converted in new mech. area. (6 new boilers installed). Above ground spins required as well.</td>
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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 **1/14/2019**. 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 07/18/2018

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<tr>
<th>TO BE COMPLETED BY APPLICANT</th>
<th>TO BE COMPLETED BY CITY STAFF</th>
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<tr>
<td><strong>YES</strong></td>
<td><strong>N/A</strong></td>
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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.

Minor Work (staff review) – 1 copy

Major Work (COA Committee review) – 10 copies

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. Minimum image size 4" x 6" as printed. Maximum 2 images per page.
   - [ ]

4. **Paint Schedule** (if applicable)
   - [ ]
   - [ ]

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.
   - [ ]
   - [ ]

6. **Drawings** showing existing and proposed work
   - [ ] Plan drawings
   - [ ] Elevation drawings showing the façade(s)
   - [ ] Dimensions shown on drawings and/or graphic scale (required)
   - [ ] 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.
   - [ ]
   - [ ]

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 Label Creator to determine the addresses.
   - [ ]
   - [ ]

8. **Fee** (See Development Fee Schedule)
   - [ ]

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WWW.raleighnc.gov

REVISION 08.29.16
June 21, 2018

To
**Raleigh Historic Development Commission**
Certificate of Appropriateness (COA) Application

Raleigh Historic Property:
**Community Services Center**
**Renovation – phase 1**
401 E. Whitaker Mill Rd., Raleigh NC

**Project Description:**

The current project is primarily a mechanical renovation project consisting in replacing the entire existing HVAC system which is old and not performing up to the modern standards. The new mechanical units will be located on 2nd floor, several existing offices being converted in 3 mechanical rooms (1 mechanical room per wing). Additional architectural and electrical work is also required by the new HVAC system installation but it has no impact on the building exterior.

**Changes to building exterior:**

- 6 new mechanical louvers
  The new mechanical units are supplied with outside air and therefore 6 existing windows are required to be converted into mechanical louvers (2 louvers for each mechanical room). The aluminum louvers will be located on 2nd floor of the rear façades, where the exterior walls are not visible from main street and are partially covered with vegetation.

- New above ground pipes, running between existing mechanical enclosure and bldg
  The pipes will be approx. 18” above ground, located at rear elevation, and their view partially blocked by the mechanical enclosure fence.

Please let us know if any other information is required.

Sebastian Duca
Davis Kane Architects, P.A.
sduca@daviskane.com

503 Oberlin Rd • Suite 300 • Raleigh, NC 27605 • ph 919 • 833 • 3737 • fax 919 • 755 • 1771 • info@daviskane.com
Existing exterior elevations
Existing windows to be replaced with mechanical louvers
Existing exterior elevations
Existing windows to be replaced with mechanical louvers
Existing exterior elevations
Existing windows to be replaced with mechanical louvers
ELF375DX DRAINABLE STATIONARY LOUVERS
EXTRUDED ALUMINUM

STANDARD CONSTRUCTION

FRAME
4" (102) deep, 6063T6 extruded aluminum. .081" (2.1) nominal wall thickness. Downspouts and caulking surfaces provided.

BLADES
6063T6 extruded aluminum. .081" (2.1) nominal wall thickness. Drainable blades are positioned at 37° (2) angle and spaced approximately 5/8" (12.5) center to center.

SCREEN
3/4" x .040" (16 x 1) expanded, flattened aluminum bird screen in removable frame. Screen adds approximately 1/4" (3) to louver depth.

FINISH
Mill.

MINIMUM SIZE
12"w x 12"h (305 x 305).

APPROXIMATE SHIPPING WEIGHT
4 lbs./ft² (19.5 kg/m²).

MAXIMUM FACTORY ASSEMBLY SIZE
Single sections shall not exceed 120"w x 90"h (3048 x 2286) or 90"w x 120"h (2286 x 3048). Louvers larger than the maximum single section size will require field assembly of smaller sections.

BLADE SUPPORTS
Louvers may be provided with rear mounted blade supports that increase overall louver depth depending on louver size, assembly configuration or windload.

Consult Ruskin® for additional information.

FEATURES

The ELF375DX offers:
- 54% Free Area.
- Published performance ratings based on testing in accordance with AMCA Publication 511.
- High performance frame system with drainable head collects and removes water to provide excellent water penetration performance.
- Drain gutter in each blade minimizes water cascade between blades.
- Architecturally styled, hidden mullions allowing continuous line appearance up to 120" (3048).
- Aluminum construction for low maintenance and high resistance to corrosion.
- All welded construction.

VARIATIONS

Variations to the basic design of these louvers are available at additional cost. They include:
- Extended sill.
- Hinged frame.
- Front or rear security bars.
- Filter racks.
- A variety of bird and insect screens.
- Selection of finishes: prime coat, 50% PVDF, 70% PVDF, epoxy, Pearledize 50 & 70 (mica), clear and color anodize. (Some variation in anodize color consistency is possible.)

Consult Ruskin® for other special requirements.

Dimensions in inches, parenthesis ( ) indicate millimeters.

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<th>QTY.</th>
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ELF375DX-717/Replaces ELF375DV/ELF375DXH-610

ALL STATED SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION. ©Ruskin July 2017
Existing exterior elevations
New pipes running between existing mechanical enclosure and bldg wall
Existing exterior elevations
New pipes running between existing mechanical enclosure and bldg wall
Community Services Center

Site Plan
Proposed 2nd floor plan
Existing windows to be replaced with mechanical louvers
Proposed exterior elevations
Existing windows to be replaced with mechanical louvers
Proposed exterior elevations
Existing windows to be replaced with mechanical louvers
Proposed 1st floor exterior piping
New pipes running between existing mechanical enclosure and bldg wall
Proposed exterior piping elevation
New pipes running between existing mechanical enclosure and bldg wall