



CERTIFICATE OF APPROPRIATENESS PLACARD

for Raleigh Historic Resources

401 E WHITAKER MILL RD

Address

Historic District

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 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, _____

Collette R K

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 <input type="checkbox"/> Additions Greater than 25% of Building Square Footage <input type="checkbox"/> New Buildings <input type="checkbox"/> Demo of Contributing Historic Resource <input type="checkbox"/> All Other <input type="checkbox"/> Post Approval Re-review of Conditions of Approval	<p style="text-align: center;">For Office Use Only</p> Transaction # <u>559880</u> File # <u>103-18-MW</u> Fee <u>0</u> Amount Paid <u>0</u> Received Date <u>6-21-18</u> Received By <u>[Signature]</u>
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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](#)).

Property Address	Property Address

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 1/16/2019. 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) Collette R K Date 07/18/2018

	TO BE COMPLETED BY APPLICANT		TO BE COMPLETED BY CITY STAFF		
	YES	N/A	YES	NO	N/A
<p>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.</p> <p>Minor Work (staff review) – 1 copy</p> <p>Major Work (COA Committee review) – 10 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.)	<input checked="" type="checkbox"/>				
2. Description of materials (Provide samples, if appropriate)	<input checked="" type="checkbox"/>				
3. Photographs of existing conditions are required. Minimum image size 4" x 6" as printed. Maximum 2 images per page.	<input checked="" type="checkbox"/>				
4. Paint Schedule (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>			
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="checkbox"/>	<input type="checkbox"/>			
6. Drawings showing existing and proposed work <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Plan drawings <input checked="" type="checkbox"/> Elevation drawings showing the façade(s) <input checked="" type="checkbox"/> Dimensions shown on drawings and/or graphic scale (required) <input checked="" 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 checked="" type="checkbox"/>	<input 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 Label Creator to determine the addresses.	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
8. Fee (See Development Fee Schedule)	<input type="checkbox"/>				

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.

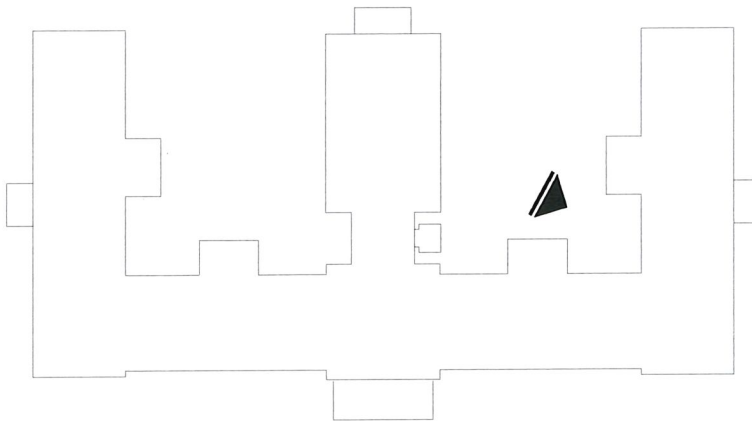
Please let us know if any other information is required.

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

Handwritten signature of Sebastian Duca in blue ink.

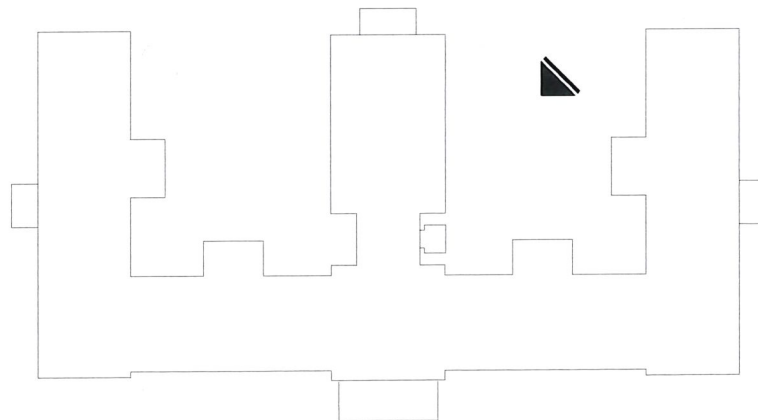
Existing exterior elevations

Existing windows to be replaced with mechanical louvers



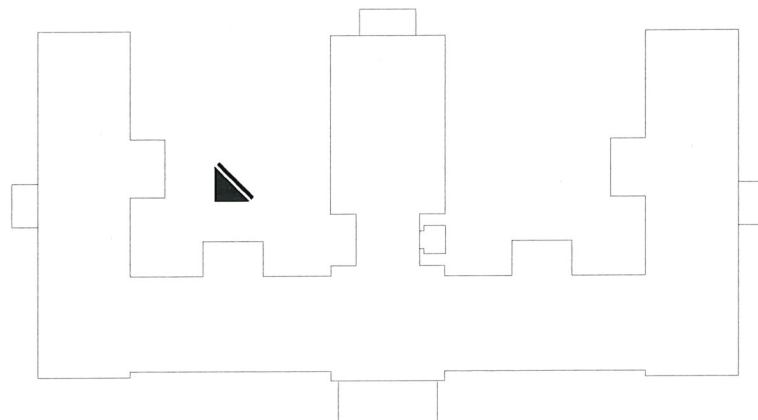
Existing exterior elevations

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 37¹/₂° angle and spaced approximately 5³/₃₂" (129) center to center.

SCREEN

5/8" x .040" (16 x 1) expanded, flattened aluminum bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.

FINISH

Mill.

MINIMUM SIZE

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

APPROXIMATE SHIPPING WEIGHT

4 lbs./ft.² (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.

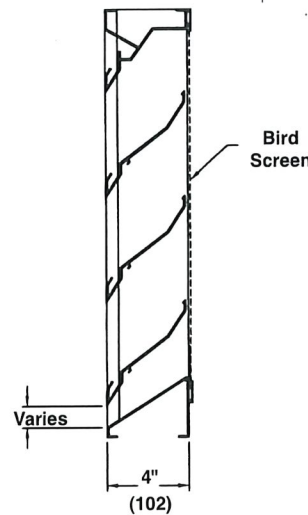
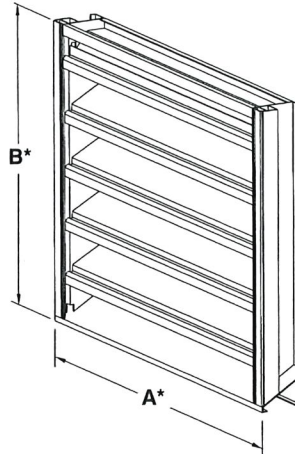
BLADE SUPPORTS

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.

LEED Material Information

Contact Ruskin for Recycled Material and Manufacturing Location 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.

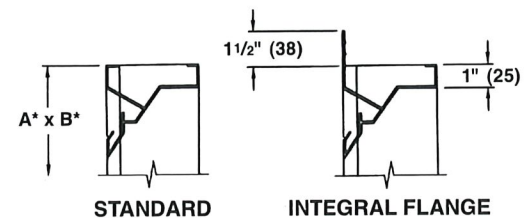
VARIATIONS

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.

FRAME CONSTRUCTION



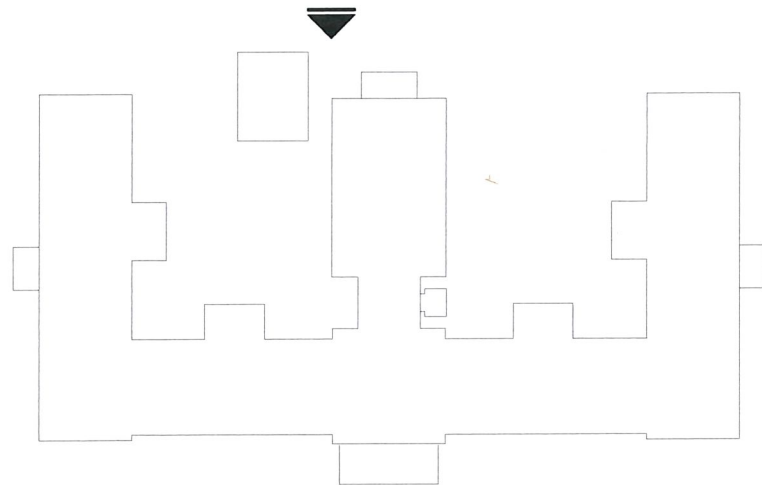
*Units furnished 1/4" (6) smaller than given opening dimensions.

Dimensions in inches, parenthesis () indicate millimeters.

TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		
PROJECT ARCH./ENGR. REPRESENTATIVE			LOCATION CONTRACTOR DATE		

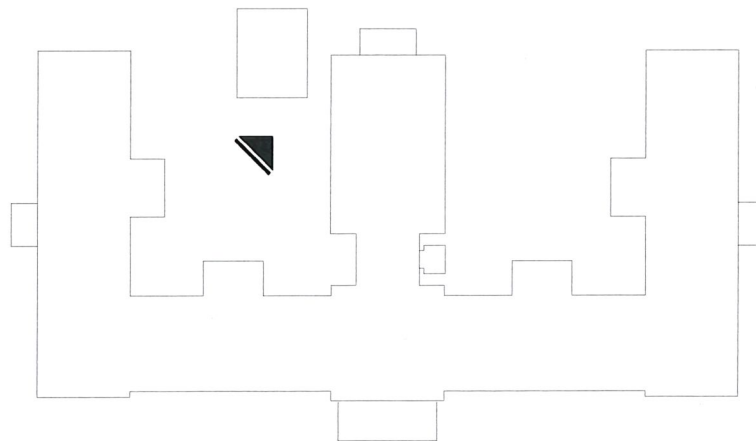
Existing exterior elevations

New pipes running between existing mechanical enclosure and bldg wall



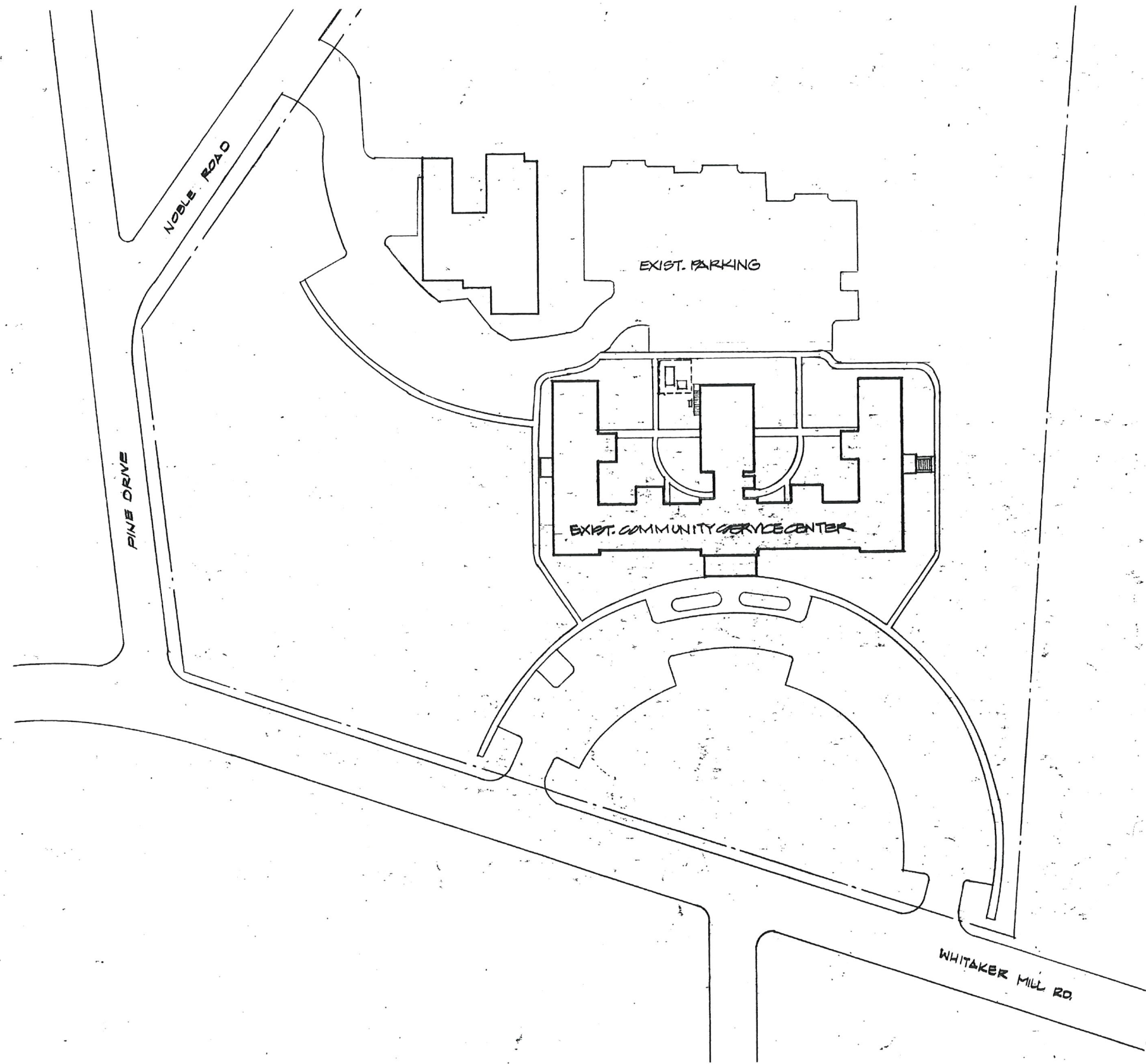
Existing exterior elevations

New pipes running between existing mechanical enclosure and bldg wall



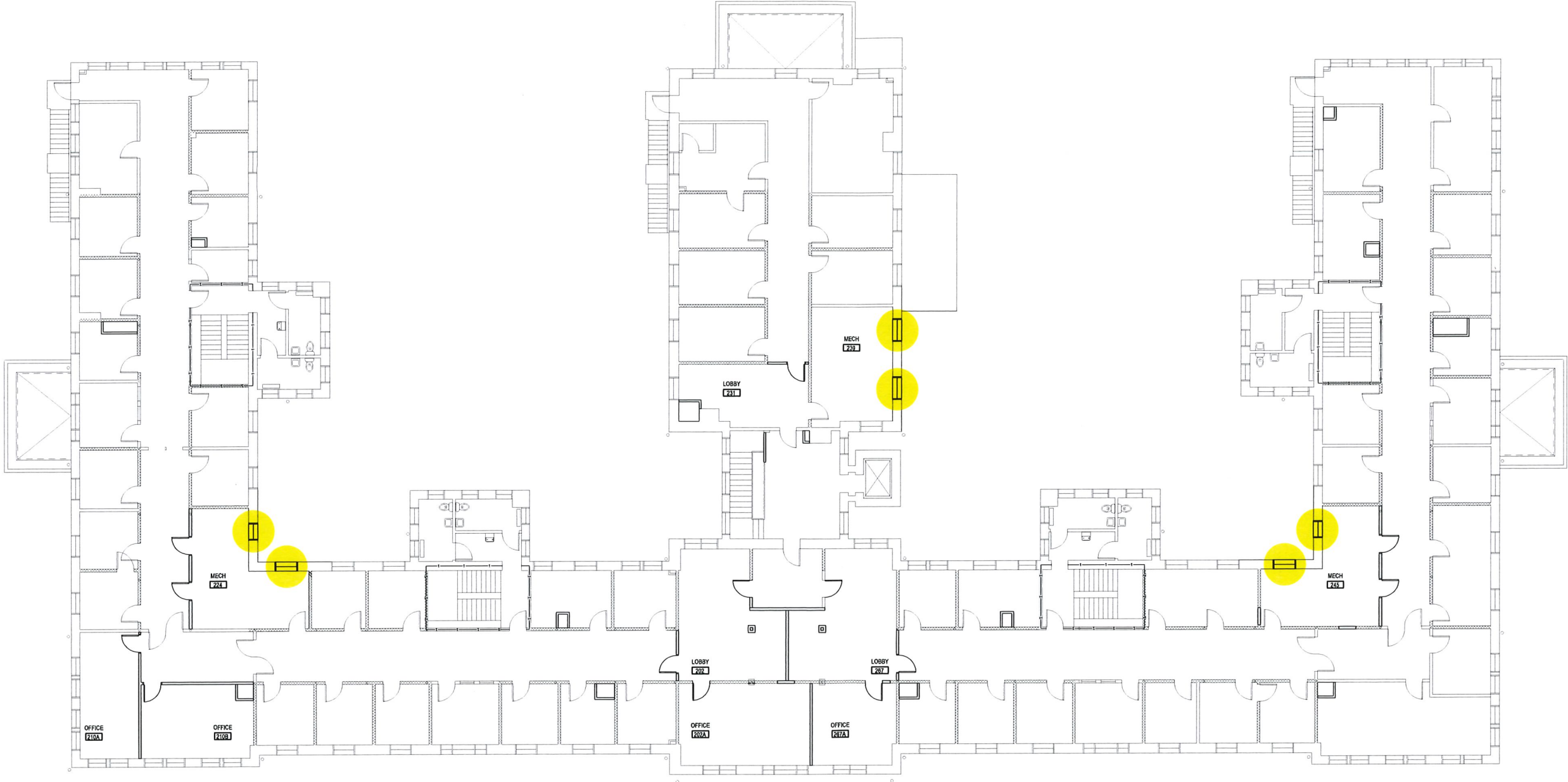
Community Services Center

Site Plan



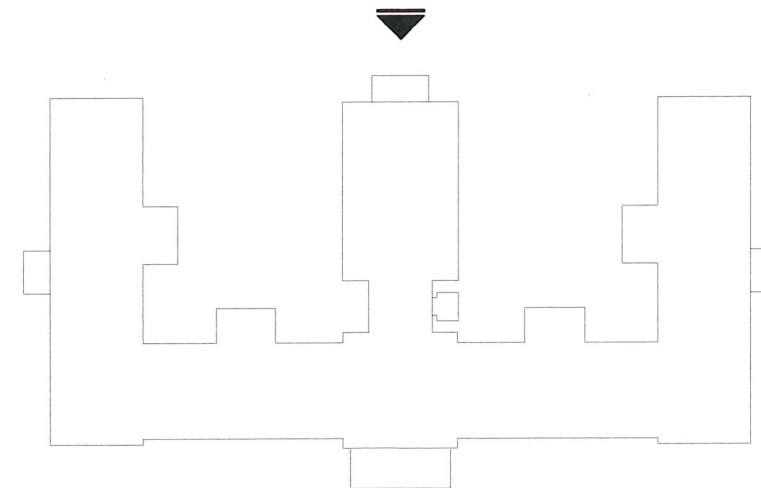
Proposed 2nd floor plan

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



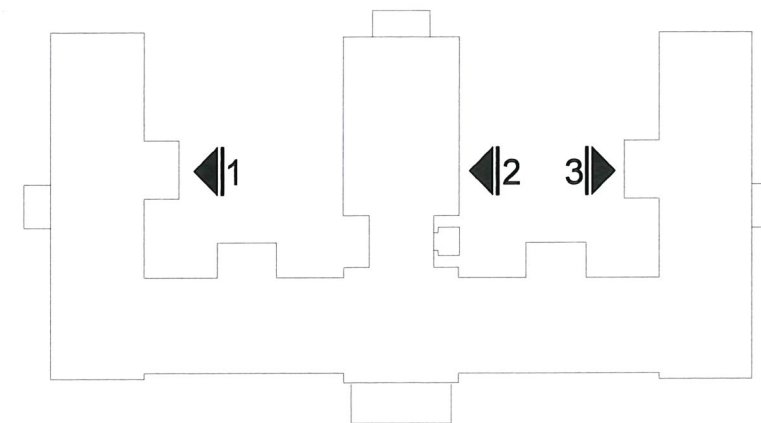
Elevation 1



Elevation 3

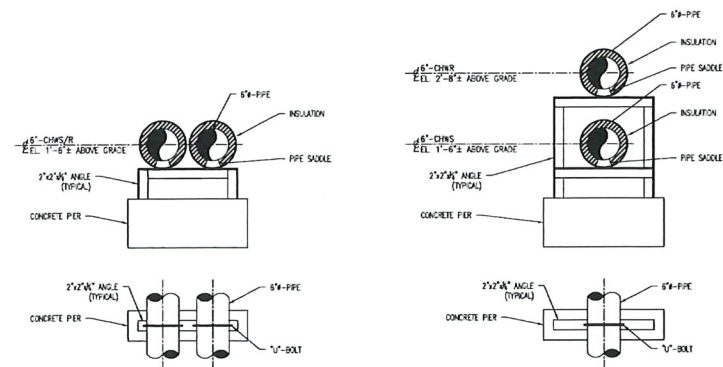
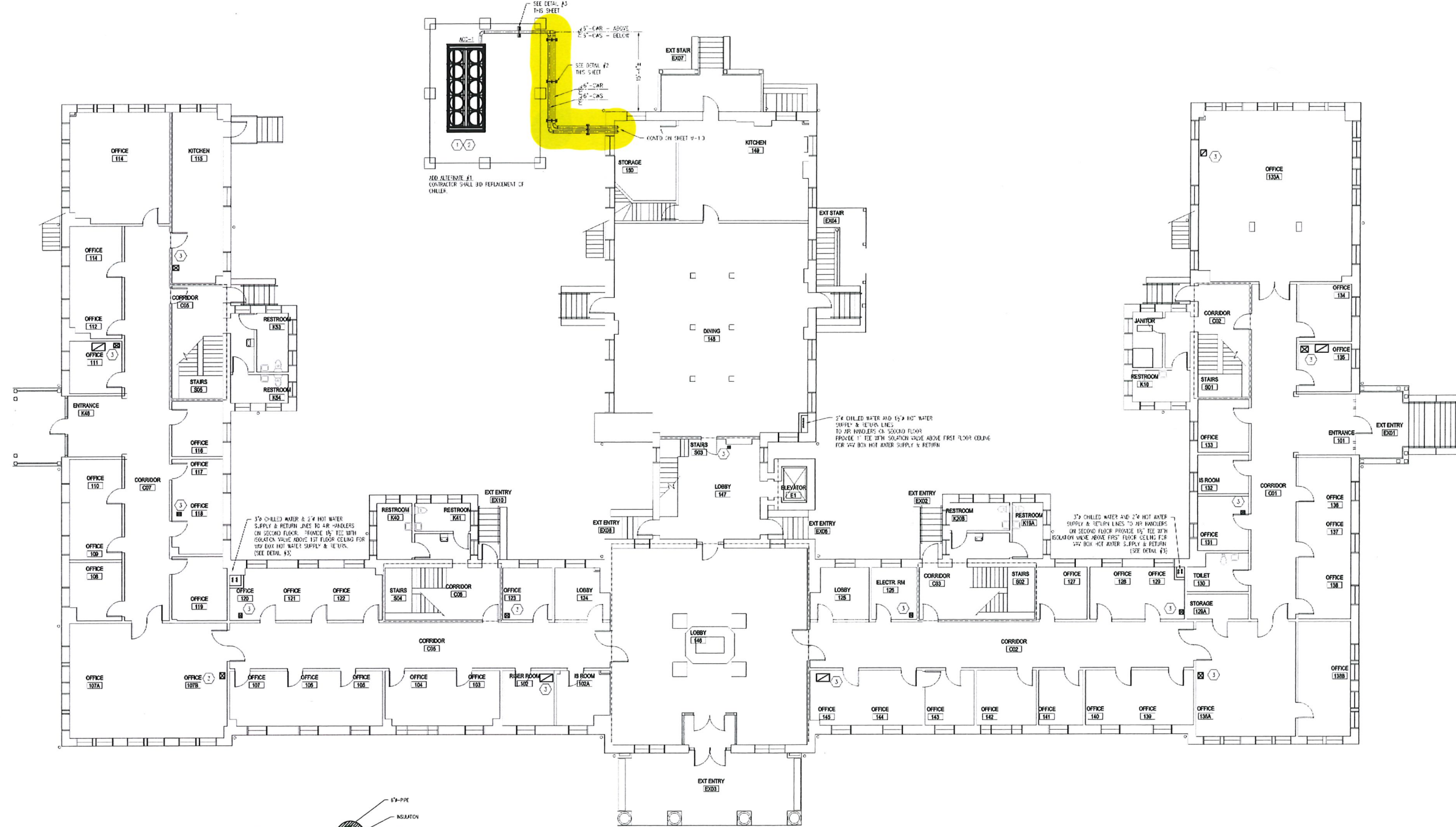


Elevation 2



Proposed 1st floor exterior piping

New pipes running between existing mechanical enclosure and bldg wall



2 PIPE SUPPORT DETAIL
SCALE: 1/4"=1'-0"

3 PIPE SUPPORT DETAIL
SCALE: 1/4"=1'-0"

Proposed exterior piping elevation

New pipes running between existing mechanical enclosure and bldg wall

