

January 3, 2023

**ITEM 204-1003-R0123**

**Request for Authorization to Expand McGill Hall; University of Montana.**

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**THAT**

Consistent with the Board's authority to manage and control the Montana University System and in accordance with BOR Policy 1003.7, the Board of Regents of the Montana University System authorizes the University of Montana-Missoula to expend up to \$3,000,000 for an addition to McGill Hall for the Montana Center for Work Physiology and Exercise Metabolism program.

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**EXPLANATION**

1. McGill Hall is an academic building with teaching and research labs comprising 67,079 SF. McGill Hall is used for teaching the School of Integrative Physiology and Athletic Training (IPAT) and media arts classes.
  2. The Work Physiology and Exercise Metabolism (WPEM), a component of the IPAT program and housed in McGill Hall, has secured federal grants to further research in exercise physiology and metabolism of humans under various environmental conditions.
  3. With this expanded research, undergraduate and graduate students will be involved and further their studies in unique fields of research to advance their education and careers.
  4. WPEM has an existing laboratory on the south side of McGill Hall. To accommodate the research and teaching needs the current space would need to increase by approximately 3,500 SF.
  5. The new space will include laboratories, offices, meeting rooms, changing rooms, and an ultra-low temperature walk-in chamber to conduct experiments involving working under extremely cold conditions. The chamber could also attract future research grants aimed at cold-weather research.
  6. This building is designated as academic space, thus the addition of the laboratory is contingent on receiving legislative spending authority.
  7. This project will be paid for using facilities and administrative (F&A) cost recoveries from the federal grants.
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**ATTACHMENTS**

- Attachment #1: Project Overview BOR 1003.7
- Attachment #2: McGill Hall Site Plan
- Attachment #3: McGill Hall First Floor Addition
- Attachment #4: McGill Hall Second Floor Addition

**ATTACHMENT #1 – project Overview**

This authority request is for an amount greater than \$500,000, which requires the following additional information:

**(a) Project Description:**

This request for 3,500 SF of new space to be added to the existing WPEM Center at McGill Hall is comprised of 2,370 SF on the first floor and 1,130 SF on the second floor. The new space will allow WPEM to expand the research into studies on human physiology and metabolism under extremely cold temperature conditions.

**(b) Cost estimate and Funding Sources:**

Construction, Utilities, Site Work	2,000,000
Consultant Fees	200,000
Testing, Signage, Data	10,000
City Permits	10,000
Furniture, Fixtures, & Equipment	300,000
Administrative Fees	50,000
Contingency	430,000
<b>Project Total</b>	<b>\$ 3,000,000</b>

This project will be financed initially by an UM bridge loan with debt service from the F & A of the research grants administered through the Office for Research & Creative Scholarship.

**(c) Programs served, enrollment data, projected enrollments:**

The WPEM program will be served by this new addition. Students enrolled in Health and Human Performance (HHP) – now called School of Integrative Physiology and Athletic Training, can work and study in the WPEM laboratory to further their academic interests and career goals. This lab will offer unique scholastic and research opportunities for students that would otherwise not be available without the research grants awarded to WPEM. The lab also is an excellent recruiting tool to attract new students to this academic program.

**(d) Space Utilization Data:**

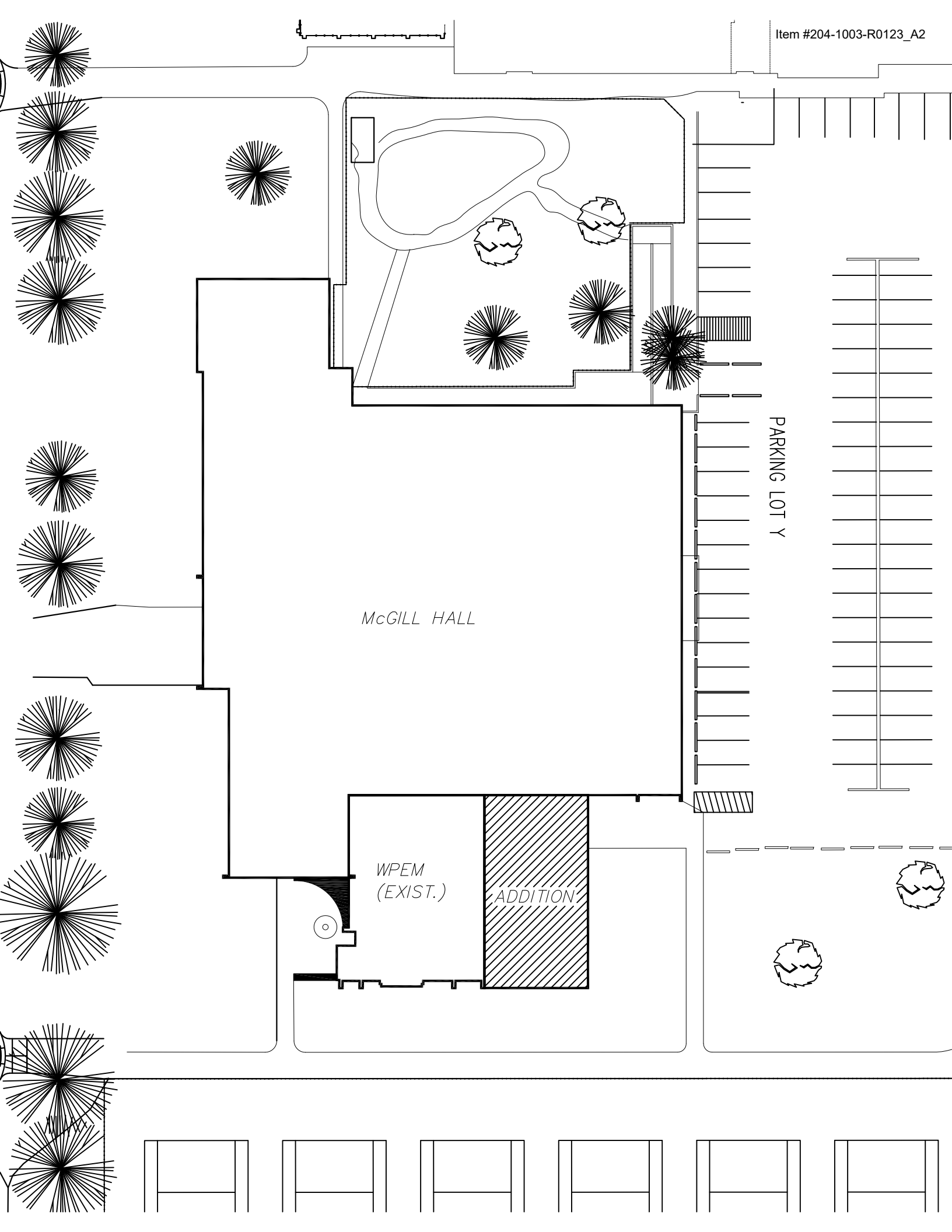
The structure proposed is about 37ft x 64ft in area, two stories to match existing. The new space with the existing lab building and will house offices, laboratories, meeting rooms, changing rooms, mechanical equipment, restrooms, storage, and a cold temperature walk-in chamber.

**(e) Projected use for available residual space:**

N/A

**(f) Projected O&M Costs and proposed funding sources:**

Operations & maintenance costs for the new area will be requested at the next Legislative session.

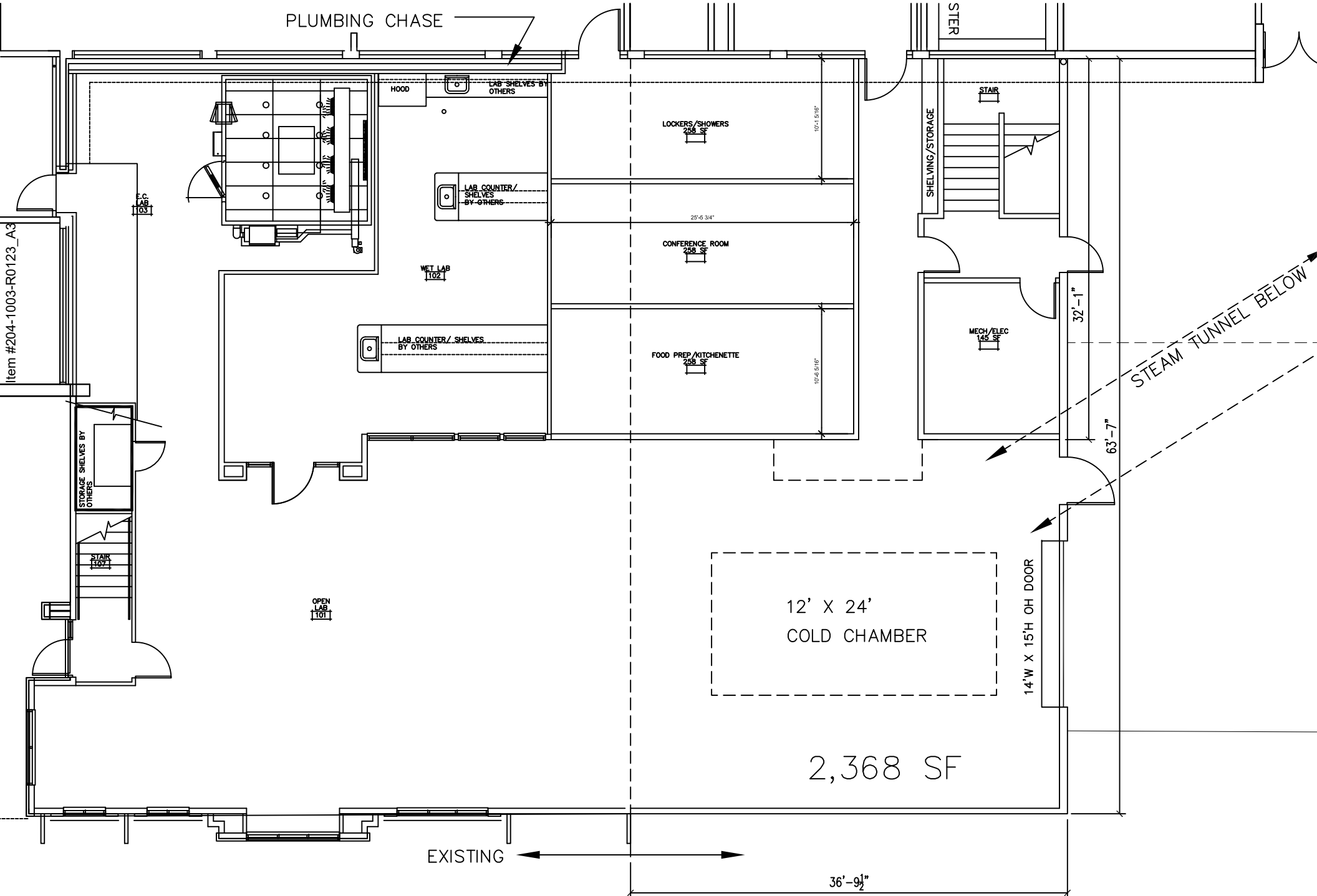


McGILL HALL

PARKING LOT Y

WPEM  
(EXIST.)

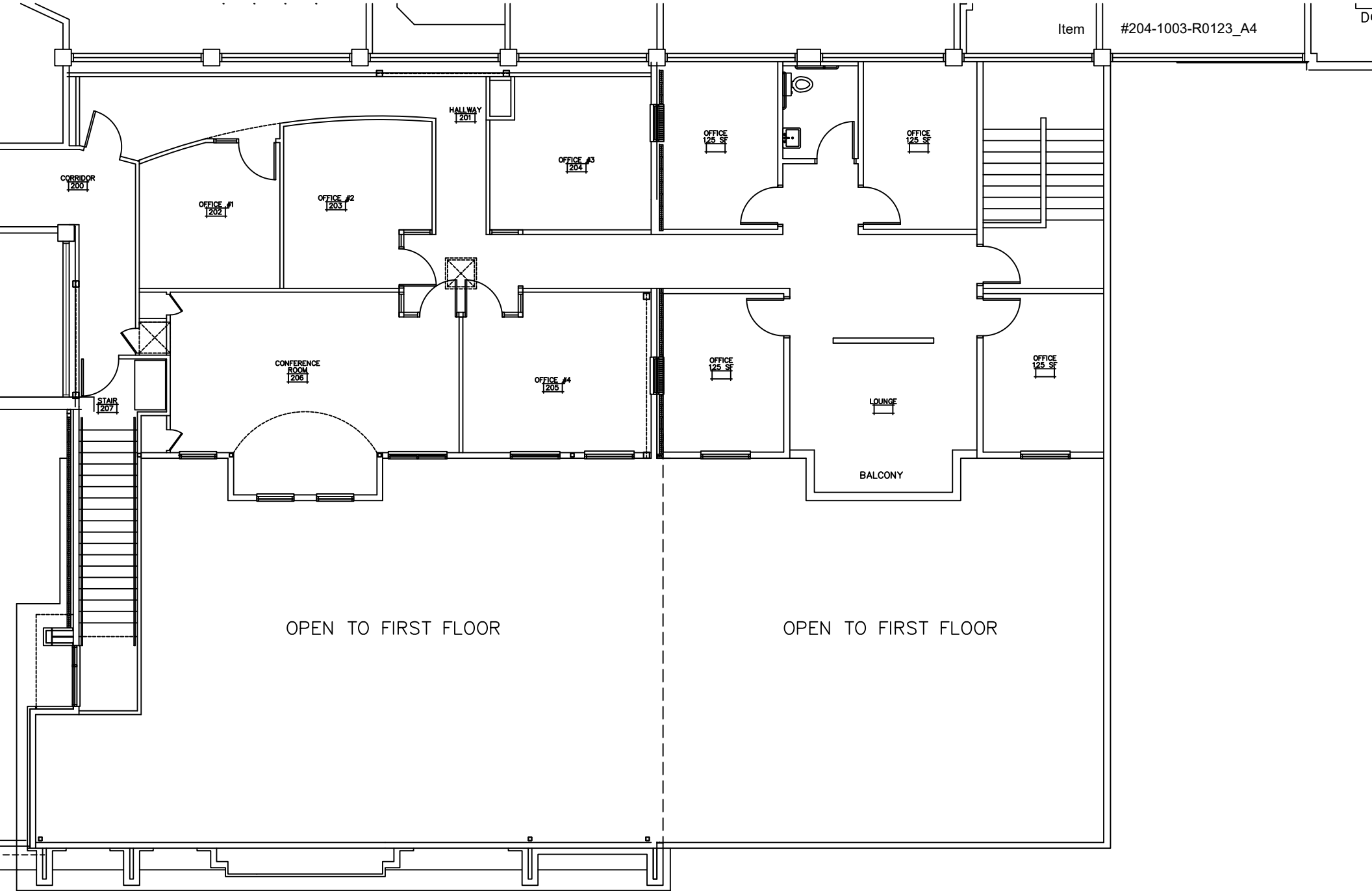
ADDITION



Item #204-1003-R0123\_A3

# WPEM FIRST FLOOR ADDITION

## 2,368 SF



OPEN TO FIRST FLOOR

OPEN TO FIRST FLOOR

EXISTING ← → NEW ADDITION

# WPEM SECOND FLOOR ADDITION

1,184 SF