



The Jones Library, Inc. Joint Feasibility & Design and Buildings & Facilities Committees

🏠 Location: Zoom
📅 Date: Tuesday, September 8, 2020
🕒 Time: 2-3:30pm

ADVISORY TO THE PUBLIC: The Jones Library System is closed to the public; this special Jones Library Trustee Committee meeting will occur virtually via ZOOM and will be streamed live here:

You are invited to a Zoom webinar.

When: Sep 8, 2020 02:00 PM Eastern Time (US and Canada)

Topic: Joint "Buildings & Facilities" and "Feasibility & Design" Committees Meeting 9/8 at 2pm

Please click the link below to join the webinar:

<https://amherstma.zoom.us/j/99762922718>

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Meeting Agenda

- I. **Call to Order** (Welcome, Austin, Tammy, Alex, Lorin, Kent, Bonnie, Janice, Joan, George, and Sharon!)
- II. **Approval of Minutes** (8-26-20) *
- III. **Schematic Design Recommendations** *
- IV. **Adjournment**

** Please note that the list of topics in this notice was comprehensive at the time of posting, however the public body may consider and take action on unforeseen matters not reasonably anticipated by the Chair 48 hours in advance of the meeting.

* Denotes handout(s) will be made available.

Red indicates vote required.

**Joint Meeting of the Jones Library, Inc.
Sustainability & Feasibility Subcommittees
Wednesday, August 26, 2020; 1-3 pm; via Zoom**

Sustainability Members Present: Lee Jennings, Sara Draper, Todd Holland, Alex Lefebvre
Feasibility Members Present: Austin Sarat, Bonnie Isman, Janice Ratner, Alex Lefebvre,
Joan Temkin, Kent Faerber
Also Present: Beth Percy (Finegold Alexander), Sharon Sharry, George
Hicks, Hank Allan, and members of the public.

- I. Sustainability meeting called to order at 1:03 pm.
- II. Feasibility meeting called to order at 1:03 pm.
- III. **Minutes**
 - A. MOTION: To approve the minutes of July 2, 2020 for Sustainability Committee.
Approved 4-0-0
 - B. MOTION To approve the minutes of July 2, 2020 for Feasibility Committee.
Approved 5-0-0 (Bonnie joined the meeting after the vote)
- IV. **Sustainability Study Recommendations (Draper and Lefebvre)**
 - A. Alex said that the MBLC requirement to change the location of the Large Meeting Room presented an opportunity to look at sustainability for the Library building.
 - B. Sara summarized the recommendations of the Sustainability Committee. There were 5 Climate Goals that would reduce carbon by 50% by 2030
 - i. more efficient building (low energy use),
 - ii. renewable energy supply,
 - iii. avoid fossil fuels,
 - iv. minimize carbon emissions of construction, and
 - v. balance efficiency with low carbon construction.
 - vi. These goals were sent to FAA.
 - C. There was a Whole Life Cycle Analysis done for the Library building. The Energy Use Intensity (EUI) of the current Jones Library building was determined to be about 72, close to the average of 70 for library buildings. The design for the Jones project is likely to reduce this EUI by about 50% to about 34.5. Repairing the current building would not result in a reduction.
 - D. The Sustainability Committee looked at costs/benefits of 12 Energy Conservation Measures (ECM). They recommended five measures – lighting controls, two types of HVAC controls, plug load controls, and photovoltaics (PV). Two measures (triple pane glass glazing and window overhang) should be considered and four are not recommended. The recommended measures would increase the cost by \$290,650.

- E. Using Cross Laminated Timber (CLT) rather than steel and concrete could reduce the carbon impact by about two-thirds. The cost would increase about \$365,926. The Sustainability Committee recommends this change.
 - F. The carbon emissions over the next 60 years from the proposed building, including demolition, are expected to be about one-third less than they would be from the current Library building.
 - G. In summary, the Sustainability Committee is recommending Energy Conservation Measures at a cost of \$290,650 and using Cross Laminated Timber at a cost of \$365,926.
 - H. Discussion followed about additional funding, including the possibility of obtaining grants and rebates and finding savings in the current plan. Sarah said that if only one recommendation could be funded, she would choose CLT, a more permanent part of the building whereas some of the ECMs can be added later. Beth said that for some measures such as PV to be added later, wiring could be added into the original plan when it would be easier and less costly. Members of the Sustainability offered to help finding funding for these measures in the future.
 - I. For the Feasibility Committee, Kent made a motion seconded by Joan to approve the recommendation of the Sustainability Committee and forward this recommendation to the Buildings and Facilities Committee and then to the Jones Library Trustees, if they approve.
 - J. Discussion included comments mostly about the additional cost and affordability. There is a 10% contingency built into the estimate. These measures will reduce annual operating costs. The Feasibility Committee expressed appreciation to the Sustainability Committee for their work and for developing this sustainability plan.
 - K. The Feasibility Committee voted 6-0 to approve this motion.
- V. **Adjournment**
- A. Sustainability Committee adjourned 2:34 pm
 - B. Feasibility Committee adjourned 2:34 pm.

Respectfully submitted by Janice Ratner