

**Meeting of the Jones Library, Inc. Sustainability Subcommittee**  
**August 14, 2020**                      **10:00 a.m.**      **conducted via Zoom**

Sustainability Members Present:      Sara Draper, Alex Lefebvre, Lee Jennings

Also Present:                              Sharon Sharry, George Hicks, Josephine Penta and Ellen Anselone  
(Finegold Alexander), and members of the public.

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- I. Sustainability meeting called to order at 10:05 am.
  
- II. Reviewed ECMs with architects to get clarifications about exactly what getting for additional costs.
  - a. Of those ECMs that are not an easy yes or easy no, what are the GWP of those ECMs?
    - i. Only so much information we can get at this moment because in schematic and/or may be prohibitively expensive.
  - b. Noted that the Committee's EUI Goal is within ball park
  - c. Todd and Sara created a table with additional information for each ECM, including Carbon costs of each ECM. Todd used a number ISO New England Emission rate.
  - d. ECMs that seem obvious/no brainer about cost and payback
  - e. EUI - Lighting Controls ECM 7
  - f. Demand Control Ventilation ECM 10
  - g. Sara talked to Smith about carbon cost, use \$70/ ton (\$50-\$100 per ton of carbon) of carbon for internal decision making.
  - h. ECM #2 - Attic insulation - waiting on answer about material - FAA responded it is mineral wool insulation type. Noted that the payback period is usually very short for energy savings vs upfront cost on insulation. Payback cost seemed long based on Todd's experience. With the cost payback as written probably would not recommend but if not correct, may recommend. FAA will double check numbers and confirm payback. Noted that the Library had insulation done in the last few years. Likely what is left is the 'hard' stuff and more expensive. Based on that information, don't think it makes sense to do insulation in the old portion of the building unless there is some type of rebate that would have it make sense.
  - i. ECM #4 - energy model of looking at just the North side windows rather than all windows.
  - j. We don't know the cost of just the north side windows to make a recommendation at this time. However, confirmed that we can make a recommendations to proceed with design that says triple pane glazing on just the North side, we would have a line item for those windows only to allow for decision making. FAA commented that they can also think of alternatives we would like to them to price at that time.
  - k. Tally Report for next phase of design. Would be additional fee to add Tally report in D&D. Now that it is set up think it easier to continue to run reports as we move through process in the future.
  - l. ECM 6 - window overhang would need to be decided now because design work.
  - m. ECM 8 is cost prohibitive.
  - n. Asked if we can prioritize list if we get a set amount to spend
    - i. ECM 7, ECMs 9-12 should be a definite yes to do.

- ii. ECM 6 should study as part of design but will not add cost unless we decide to proceed with the actual overhang.
- iii. ECM 4 - on the north side as a line item to allow for consideration when we have more information.

III. If we want net zero, need to find a place to buy offsets or find a place to buy offsite. Building is net zero ready.

IV. CLT

- a. it is what people are going to see, it is the visible piece. If we use CLT, we will reduce embodied carbon of project 2/3. From a carbon footprint perspective makes sense. From cost perspective \$4k carbon per ton is cost savings. Over same 60 year life span would be \$70/year in carbon cost savings.
- b. Confirmed that CLT can take the load of the building and won't impact our ability for a flexible design.

V. Inquiry about grants or rebates to offset these ECMs, CLT or other options. FAA stated that typically entities don't start paying attention to you until you have a building started. So we won't really know what is available until we are further down the road.

Meeting adjourned 11:22 am

Respectfully submitted by Alex Lefebvre