



**AGAB Minutes**  
**Wednesday, January 22, 2020**  
**2<sup>nd</sup> Floor Conference Room, Andover Town Offices Building**  
*Approved at AGAB meeting March 4, 2020*

- **Attendance**
  - Board Members: Amy Latka-Kokko, Anil Navkar, Jon Unger, Zona Sharfman, Beth Rasmussen, Maria Bartlett (by phone).
  - Town Officials: Austin Simko (Town Clerk), Joyce Losick-Yang (Liaison)
  - Members of the public
  
- **MOTION was made to approve prior meeting minutes from December 18<sup>th</sup> and January 9<sup>th</sup>**
  - RESULT: members voted unanimously to approve prior minutes
  
- **MOTION was made to change the order of agenda topic to:**
  - AHS student presentation
  - Historic Mill District RFP
  - Solar By-Law discussions
  - RESULT: members voted unanimously to change agenda order
  
- **“Energized: Data Science and Development Independent Study Project”**
  - Presented by Jade Nair, sophomore at Andover High School (AHS)
  - Project focused on developing computer program to analyze data generated by temperature and carbon dioxide (CO<sub>2</sub>) sensors installed throughout AHS
  - Data gathered at 15-minute intervals identified:
    - Rooms that deviated from temperature settings chronically
    - Faulty sensors that reported abnormal CO<sub>2</sub> readings
  - New computer program is able to identify problem and generate real-time reports
  - Conclusion is that sensor data must be gathered over longer periods of time to identify systematic maintenance and operation issues (e.g. aging or faulty heat recovery system)
  - Anil Navkar (Jade’s mentor) congratulated Jade on new insights of the AHS building energy management systems, and her mastery of Python, PANDA and other advanced computer science tools
  
- **Historic Mill District (HMD) Draft Request for Proposal (RFP) Updates**

- Austin Simko shared a number of changes to the draft HMD RFP since meeting with AGAB on January 9<sup>th</sup>:
    - Verification paths for LEED Neighborhood Development (LEED ND) were added to address concerned that the built-environment could deviate from plans
    - Environmentally Sensitive Principles were strengthened to add important pollinator species, reduction of fossil fuel usage, and substantial reliance on electrical systems elements
  - Suggestion was made to further specify that compliance with LEED ND v4 standards was targeted, rather than the less stringent older LEED ND requirements
  - Non-compliance language will be added to the Land Disposition Agreement (LDA) to ensure that no bait-and-switch occurs after development finishes construction
  - MOTION was made to take a vote for AGAB to support the revised Environmental Sections of the RFP, and for the Town to move forward with the warrant article
  - RESULT: members voted unanimously to approve HMD RFP updates and support warrant article
- **Solar By-Law Updates**
    - Harry Voorhees reported on a number of Working Group changes to the draft Solar By-Law since the last AGAB meeting on January 9<sup>th</sup>
      - Definitions of small, medium and large solar energy systems have been updated
      - Table of use regulations was changed to require large systems installed in industrial zones to require special permit
      - Decommissioning assurance was added to large-scale solar systems
      - Native and pollinator planting paragraph was added to minimize impacts of large-scale solar system installations
    - Additional revisions were recommended by members during the meeting
      - A number of points in section 6.10.3 were recommended to be moved to 6.10.4 as these provisions do not appear to apply to small-scale systems
      - Streamline language in point 9 under 6.10.4 to focus on protecting run-offs and erosion consequences for any land being disturb for large-scale solar
      - Add a size restriction of up to 25,000 sq-ft of installed solar panels to the medium-scale definitions
    - MOTION was made to take a vote to support the last-round of changes made by the Working Group and additional revisions recommended by AGAB
    - RESULT: member voted unanimously to approve all changes to the draft Solar By-Law