

## Mt Ararat High School

### Building Systems and Sustainability Sub-Committee Meeting - 9/12/16

1. PDT/Alan reviewed the progress of the concept drawings and walked through the building layout, site and developments since the last meeting.
2. The results of the PDT DOT survey at the public forum and building committee were reviewed and further discussions about the project priorities.
3. Thornton Tomasetti presented their concept level energy model for review and discussion.
4. Brant asked for a energy comparison of geothermal versus natural gas in case we are questioned in the coming weeks regarding as decision to utilize geothermal. Thornton Tomasetti agreed to complete this analysis and would present the results in a future meeting.
5. The preliminary energy model run has the energy performance at 25 kBtu/SF/YR, below the target of 32 kBtu/SF/YR.
6. Chris will provide energy cost data to the design team for the past 5 years, longer if possible so that this data can be utilized in the next run of the energy model.
7. The energy pie chart will be separated by HVAC, lighting, domestic hot water and miscellaneous which will reduce the categories currently displayed.
8. The energy modeling will establish a base case that will be in alignment with the DOE baseline and the proposed building will be based on the two sub-committee recommendations.
9. It was requested that the greenhouse and garden to be added to the fund raising activities.