

Nauset Regional High School Building Committee Meeting Minutes
Wednesday, March 24, 2021 Virtual Meeting 4:30 PM

I Call to Order/Agenda Changes/Recording Notification

Chair Greg Levasseur called the meeting to order at 4:30 pm. In attendance Jacquie Beebe, Ron Collins, Conrad, Jody Craven, Chris Easley, Chris Ellsasser, Tom Faris, Greg Levasseur, Tony Nannini, Jim Nowack, Lisa Orlandella, John O'Reilly, Dave Telman, Harry Terkanian, Kathleen Tringale, Giovanna Venditti, Peter Wade, Christina Oppen, Joe Sullivan, Kent Kovacs, Tom Fitzgibbons, Chuck Stellberger, Shelly Vanderweil, Sarah Vaughan, Colin O'Dell, Charlie Sullivan, Hank Schumacher

II. Citizen Speak

None

III. Priority Business

A. Project status regarding energy efficiency and HVAC system report from working group

Kent Kovacs reviewed the overall existing condition of campus in reference to the thermal envelope. Kent reviewed the thermal enhancement process, snapshots of the study, and data collected along the way which has all served as a baseline for building envelope specialists Building Envelope Technologies. Kent reviewed the team's strategy to go from the existing R9 value to an improved R22 value. We are retaining 65% of the existing campus. Some thermal performance improvements include a new build with robust roof and wall insulation, recladding and spray insulation. (less the MSBA roof and glazing projects) Kent touched on future ready energy strategies, potential photovoltaics on roofs, and a future plan for the parking lot. The team is taking good measures to get our values up to code or beyond code.

B. SBC Discussion on energy issue and possible votes on energy efficiency model and HVAC equipment

Sarah Vaughan reviewed the options for HVAC systems. Many districts are using electricity as a fuel source in lieu of gas due to the cost of utilities in the future, wanting to reduce carbon emissions, and the lowering cost of renewable energy. Sarah reviewed the HVAC system comparison and how we create chilled water and hot water and what the energy fuel sources are for those two things. Chuck Stellberger discussed the energy modeling goals comparatively. Questions were allotted from the committee and citizens after the presentation.

Option#1 Gas Boilers and Chiller Plant, EUI-46, we use natural gas as the main fuel for the heating system. This is an energy efficient design that exceeds MSBA and LEED requirements. Lowest first cost (gas is cheap now). Lowest annual energy cost. Highest greenhouse gas emissions (GHG Emissions). Cannot easily be converted to all electric in the future.

Option#2 All electric. Eui-37, Required to supplement with an electric boiler. Major impact to the electrical infrastructure in cost and space. Generator size would increase dramatically. Sized for HVAC systems during power outage in addition to life safety loads like emergency lighting and fire alarm systems. Highest first cost, highest annual energy cost (all electricity), lowest GHG Emissions. Could connect to renewable energy sources in the future to be net zero.

Option#3 Hybrid - similar to option 2 with the same modular air source heat pump but supplements with a gas fired boiler not electric, EUI-37, very good energy performance, higher first cost, higher annual day one. Lowest for GHG Emissions. Does not impact the electrical infrastructure. Minimizes added first cost, provides fuel resiliency with a dual fuel source so using both electricity and gas generate heat. Future conversion to all electric would be easier than the basis of design.

The Flansburgh and Vanderweil Team recommends the Hybrid Option. Time was allotted for discussion. Greg Levasseur made a motion to vote from Option 1 –The Basis of Design to Option 3 – Hybrid. Peter Wade seconds the motion. A roll call was taken. The committee votes unanimously on Option 3 Hybrid.

C. Information on reporting vote outcome on March 30

Greg Levasseur spoke to the committee and was hopeful that by 9pm on Tuesday, March 30 the committee would have the final vote results on the life of the project. After each of the town clerk's announce the votes, the information will be shared with the committee via email.

D. Other Issues/Questions unforeseen by the Chair

Time was allotted for issues and questions unforeseen by the Chair

E. Payment of Bills

Jim Nowack made a motion to pay the following vendors:

- 1) Cape Cod Times for advertising about the vote \$415.28
- 2) Daedalus Projects for the last 3 months of their contract \$12,000
- 3) Flansburgh Associates for the last 3 month of their contract \$26,200
- 4) LHS Associates Inc. for ballots \$8,239.95
- 5) Mass Mailers Plus \$4968.20
- 6) Murphy Lamere Murphy \$2,140
- 7) Stony Brook Group \$6,703.00
- 8) WB Mason \$133.98

The total warrant amount is \$60,800.41 Giovanna Venditti seconds the motion. A role call is taken by the chair. The committee votes unanimously to approve the total warrant amount.

IV APPROVAL OF MINUTES

Dave Telman motioned to approve the amended minutes of February 17, 2021. Chris Easley seconds the motion. The committee votes by roll call. Jacquie Beebe, Ron Collins, Conrad, Chris Easley, Chris Ellsasser, Tom Faris, Greg Levasseur, Tony Nannini, Jim Nowack, John O'Reilly, Dave Telman, Harry Terkanian, Kathleen Tringale, Giovanna Venditti, and Peter Wade vote to approve the minutes. Jody Craven and Lisa Orlandella abstain. The amended minutes of 217/21 are approved.

V ADJOURNMENT

John O'Reilly motions to adjourn the meeting. Dave Telman seconds the motion. A show of hands determines the adjournment. The committee votes unanimously to adjourn the meeting with a show of hands. Meeting is adjourned at 5:54 pm.

Minutes submitted by Wendy Spampinato

Gregory Levasseur

print name

Chairman

print title



signature

5/27/21

date