

Nauset Regional High School Building Committee Meeting Minutes

Wednesday, March 13, 2019

NRHS Room N109, 5:30 pm

**I CALL TO ORDER/AGENDA CHANGES**

Meeting called to order at 5:30 pm. In attendance: Jackie Beebe, Ron Collins, Tom Conrad, Jody Craven, Dave Tellman, Chris Easley, Tom Faris, Kent Kovacs, Greg Levasseur, Tony Nannini, Jim Nowack, Lisa Orlandella, Harry Terkanian, Kathleen Tringale

**II CITIZENS SPEAK** None

**III Priority Business**

A. Update from Flansburgh- Kent Kovacs

Kent reviewed options #4A, #4B, and #5B (submitted to the MSBA). This phase is still about programming but we are beginning to look at the floor plan space in more detail with adjacencies and how we will populate the plan. Phasing, three story options, green roof, closed off mechanicals were part of the discussion. Next meeting we will look at options #6Band #7.

B. Update on MSBA Submission

Our Educational Plan along with the options we chose from our last meeting has been filed with the MSBA. MSBA will send back comments in approximately 10 days; we will have 14 days to respond. Kent Kovacs and Richard Marks will work on having the full Ed Plan document electronically assessable. We have three hard copies at the Central Office. All members are encourage to review the submission.

C. Discussion of Building Energy Efficiency Options

PV – Photovoltaics, a power system designed to supply usable solar power

LEED- Leadership and Engineering and Environmental Design, administered by us green building council

NE CHIPS- coalition for high performing schools, tailored to school design

Kent presented some highlights for sustainable design. The phase we are in is developing estimates for a preferred option. Our project is tracked as LEED Silver; it will get us 50 points to get our 2% reimbursement from the MSBA.

Green Team, teachers, and community groups have voiced going beyond that, even a Living Building. Our project will not meet requirements for a Living Building or LEED Zero Carbon. (Very restricted including reducing carbon, zero combustion, nothing gas fired, all energy is produced and replenished)

Net Zero – MSBA will not pay for solar, there is not a public high school with the MSBA that has achieved net zero yet. Net zero energy could track an 8-10% premium.

LEED Zero Energy - Right now 50% of our energy is renewable, we would have to supplement the other 45%, either by purchasing more energy or provide more onsite, we should decide which spaces will have full air conditioning; doing so will bring down the demand for that energy use.

Kent mapped out the criteria for different energy choices. Many items are being incorporated into normal design, low maintenance and recycled materials. Beyond the design include plug load controls, green roofs, community gardens, rain water harvesting, bio swales. Green housekeeping costs next to nothing and would get us an extra leed point. (Reduce chemicals, more natural cleaners)

Right now we are pursuing the LEED Net Zero. The roof needs more insulating, and more energy needs to be purchased or provided on site. If we go for lead net zero we need to max out the building exterior and roof to bring load down for energy use (so we don't have to buy more energy) AC some areas and a displacement system everywhere else. Insulating the roofs was discussed in length, including dew point, insulation inches, crickets, parapets.

Our sustainability consultants Vanderweil and Green Engineers will provide workshops and give updates after we refine the design. They will help us write the narratives. We have to submit the cost estimates in June for the preferred option for our energy with the MSBA.

The demands from the public will be to go above and beyond for sustainable energy. We should start to put numbers beside these options and see what kind of payback we would get if we invest the capital dollars up front. We want to be sure our contractors are familiar with executing a sustainable building as well indoor air quality during construction.

Cape Light Compact, Nantucket Wind Power, Eversource, and Green Power were mentioned in a discussion of energy power purchase agreements. Kent will come back with options with their consultants of some options

#### D. Future Outreach Session

Chris Ellsasser and Kathleen Tringale are working on times and dates for meetings with department heads and staff at the high school to meet in the following few weeks. We need to confirm that space needs are met for everyone; all requests need to be tracked.

#### E. Future Building Committee Visits to Other Completed School Projects

Again, members were encouraged to visit other completed school projects. Richard Marks needs a date members are available to tour and he can get a day scheduled.

#### F. General Discussions

Ron Collins discussed sharing project dollar values at the next community forums and each town's share of the cost. Chris Easley commented that Tom Conrad has been in discussion with the towns and we need to submit an updated dollar amount capital plan.

Once we get feedback from the MSBA we will have a better range of dollar amounts and should get those figures out to the public ASAP. We should start with high estimates. The community will look at each town's contribution. Greg Levasseur attends the School Committee Meeting on Thursday, March 14th.

#### G. Other Financial Items that Require Committee Action

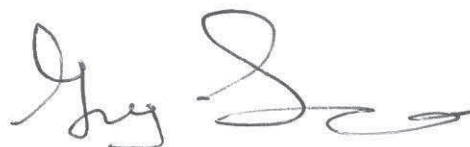
Richard Marks and Jim Nowack have reached out to Cape Cod Light Compact. CCLC has an integrated design path program and for 12 ½% of the cost they will do all the energy modeling for the rebates that need to be done. CCLC and National Grid will pick up 87 ½ % of the costs we pick up 12%. Chris Easley motions for the school district to go into agreement with Cape Cod Light for energy modeling. Ron Collins seconds, the committee votes unanimously.

#### H. Payment of Bills

Jim Nowack shares two invoices from the 3-13-19 warrant. Greg Levasseur motions to approve to pay Daedalus \$14,500 and Flansburgh \$56,250 for services rendered, Chris Easley seconds the motion. The committee approves unanimously. We have received the first reimbursement from MSBA in the amount of \$63,000.

#### I. Date of Next Meeting

Wednesday, March 27th 5:30 pm, Room N109 NRHS



#### **IV APPROVAL OF MINUTES**

Minutes from 3-6-19 were previously approved by a subcommittee of Tom Conrad, Greg Levasseur and Richard Marks. Ron Collins motioned to approve the minutes of 2-27-19; Chris Easley seconds the motion, the committee votes unanimously.

#### **V ADJOURNMENT**

Ron Collins motioned to adjourn the meeting. Chris Easley seconds the motion. The committee votes unanimously, meeting adjourned at 6:50 pm.

Minutes submitted by Wendy Spampinato