

Basalt Green Team Meeting

May 11, 2020

Attendees: Susan Philp, Sara Nadolny, Mary Weiner, *Doug Goldsmith*, Phi Filerman, Gerry Terwilliger, Mike Steiner, and Amanda Poindexter.

Guests - -Martin Bonzi - Global Change Institute, Westin Arbogast - BG Building Works, Gyles Thornley – Connect One Design and James Lindt – Town of Basalt Assistant Planning Director

Agenda:

1. Arbaney Pool – Recommended Mechanical/Electrical/Plumbing (MEP) plan
2. Other/Updates

Attached items include: Arbaney Pool Plan

1: Arbaney Pool – Recommended Mechanical/Electrical/Plumbing (MEP) plan

Schedule:

- 27th May - for POST meeting
- June 9th - Town Council work session
- June 23rd - Town Council meeting for sign off to do work this year.

Gyles shared a model of the pool. Goal is to make the pool something the Town is very proud of relative to energy efficiency, and to use as much of the solar thermal (ST) system as possible - remove the old system (looked at trying to use the old one but new panels are much more efficient.) Roof of the center will provide enough area to accommodate the ST.

Gyles reported that the Team considered an electric heat pump but the technology is not there yet, so the goal is mostly electric and ST, with the existing gas boiler to just provide a boost if needed.

Westin said he had reviewed the options considered and the chosen hybrid system, its cost/benefits and other advantages. Also discussed the pros and cons of glazed ST system, purpose of the storage tank (to take advantage of the ST even when energy isn't needed for the pool).

Group discussion/recap of the decision process to get to the hybrid system instead of all-electric. The incremental costs of the fully electric option was something like ~\$300,000 so hybrid made sense. ST will be used to keep the pool warm all winter. Hopefully ST will be able to be used eventually for domestic hot water and radiant floor system. This is one of the advantages of using a glazed ST system is that it can be used year-round.

The Green Team engaged in a discussion of the value of keeping the existing boiler.

Gerry asked if the heat pumps provides enough redundancy and if we need a boiler at all.

Westin talked about the storage tank. Seems like it may be over sized but it provides additional capacity.

Mary suggested seeing if the Town can get a rebate for the boiler from Black Hills Energy.

Phasing -

James is going to work on a grant to CORE. This year the project will not include the ST because the existing restrooms need to be deconstructed. This year's budget includes \$650,000 towards the mechanical room equipment (boiler, heat pumps, etc) and clean up the restrooms and add additional restrooms.

He said the kiddie "robot pool" will need funding in a later phase. There is currently no plan for a hot tub but there is space if this is considered at a future date.

Martin asked about the possibility of installing a smaller boiler, and Westin contemplated it and seemed to have reservations but said he could look into this possibility.

2: Other/Updates

Mike w/Holy Cross: they have an installer ready for Level II charger and are working with Basalt on the location. Would like to put it on the Two River side.

Holy Cross is participating on webinar call on Thursday with CLEER and CORE to discuss permitting for solar/SolSmart and battery permitting

Holy Cross, Mary - PV rebates going down Sept. 1. Basalt may have already hit their lifetime limit. If not Basalt should get the PV for the pool going and get it submitted.

Phi: talked about SolSmart the webinar with Holy Cross and CLEER on Thursday. CORE is working on an Op-Ed on the importance of keeping climate action a priority during the economic recovery and asked for anyone interested in writing something to let her know if they would like talking points.

Doug - seeing people turning their service back on.

Carbondale is starting their green waste collection. Doug will monitor it to see how busy it is.

Amanda - Took her HERS exam. USGBC looking at dates. CORE is looking for bi-lingual person for workforce training.

Sara: CC4CA - doing annual retreat.

Martin: Global Change Institute having their work week. Interested in carbon offsets for their work, and might be interested in writing an Op -Ed.