

The following are the existing heat generation systems:

Lap Pool:

- a) (1) one 1,825,600 btu/hr gas boiler, 75% efficient with injection pump.
 - a. To be removed.
- b) (11) Eleven panel, un-glazed solar thermal heating system with drain down valve.
 - a. To be removed.

Kiddy Pool:

- a) (1) one 125,000 btu/hr gas boiler, approx. 75% efficient with injection pump.
 - a. To be removed.

The following are the recommended new heat generation systems being provided to replace the existing systems:

- A) (3) three New Colmac CxA-25 Air Source Heat Pumps (all electric) approx.. 300,000 btu/hr each, located on a pad just outside the mechanical/boiler room. Total heat output approx.. 900,000 btu/hr. Each
 - a. This heat pump system will be considered the primary heat source.
- B) (1) One New Lochinvar Knight condenser boiler (natural gas) approx.. 1,000,000 btu/hr, 92% efficient located in the mechanical room near location of existing boiler.
 - a. The gas boiler is considered a booster heating system, used primarily during seasonal pool heat up.
 - b. Can be used as back-up heat during regular season should the heat pump system ever fail, or can't keep up with heat demand.
- C) (22) Twenty-two panel all new Glazed Solar Thermal heating system
 - a. To be used year round, and provides a 40% better collection of solar energy compared to the existing unglazed system.
- D) (1) 5,000 Gallon underground, insulated, thermal storage tank.
 - a. Used to collect additional heat energy generated by the solar thermal system.

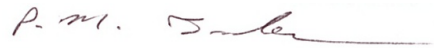
Sincerely,



Dan Koelliker
President
BG Buildingworks, Inc.
djkkoelliker@bgbuildingworks.com



Weston Arbogast
Project Engineer
BG Buildingworks, Inc.
wrarbogast@bgbuildingworks.com



Marty Treadway
Program Director
Community Office for Resource
Efficiency (CORE)
marty@asnencore.org