



consulting engineering services, inc.

HVAC AND ELECTRICAL SYSTEM QUESTIONNAIRE

Project Name: _____ Date: _____
Project Address: _____

What type of heating system does your current home have? _____

Does it work? _____
Does it provide the level of comfort that you want? _____

What could be better about the heating system of your current home? _____

What do you really like about the heating system of your current home? _____

Do you want radiant heat in any part or all of your new home? _____
What rooms? _____

Does your current home have radiant heat? _____ Does it work? _____

Do you want baseboard finned tube or baseboard radiant heat in your new home? _____

Do you want wall mounted radiant heat in your new home? _____
Where? _____

Do you want towel warmers in the bathrooms of your new home? _____

Do you want snowmelt for your driveway? _____

For your walkway(s)? _____

For the patio? _____

Do you want to heat the garage? _____

Do you want a 220V receptacle in the garage for an electric car? _____

Is this house going to be your principal residence? _____

Will this house have a seasonal occupancy? _____

What portion of the year is this house likely to be unoccupied? _____

How would you characterize your sensitivity to heating system noise? _____

Does the heating system need to be on emergency (standby) power? _____

What is the heating fuel availability to the site? _____

Will the swimming pool be heated? _____
Is there a spa? _____

What is your sensitivity to relative humidity particularly during the heating season? _____

What is your comfort level with technology? _____

Do you envision a home automation system for this home? _____

Do you want a “deluge” type shower? _____

Do you want a hydro-spa bath tub? 1 person/2 person/larger _____

Do you or does anyone in your household, suffer from respiratory ailments such as allergies or asthma? _____

Do you or does anyone in your household, suffer from multiple chemical sensitivity syndrome? _____

Do you have extensive artwork, rare books or antiques? _____

Where will you display or store them? _____

Will you utilize wood burning fireplaces? _____ How often? _____

Which rooms will you entertain in? _____

How many people? _____

How often? _____

What times of the year? _____

A moderate amount of toilet exhaust fan noise (is / is not) acceptable.

The toilet exhaust should be (manually switched/constant/automatic).

Are you a “windows open as much as possible” or “an air conditioning system on all the time” type of person? _____

Do you need a residential kitchen exhaust system or a commercial (I really cook!) kitchen exhaust system? _____

Does every bedroom need its own thermostat? _____

Does the unfinished portion of the basement need to be air conditioned? _____

Will there be a “safe room” (place of refuge)? _____

Will there be a wine cellar? _____ How many bottles? _____

How long will the wine be stored? _____

Do you want a fire suppression sprinkler system? _____

Do you want an irrigation system? _____

Do you want a drinking water system? _____

Will you need a water softener? _____

Do you want a whole house water filtration system? _____

Do you want a whole house ventilation system (attic exhaust fans)? _____

Are you interested in exploring solar energy systems? _____

Are you interested in exploring wind power? _____

Are you interested in exploring geothermal heat pump systems? _____

Are you interested in exploring ultra high efficiency heating or cooling equipment? _____

Do you have any other questions or concerns regarding the heating and air conditioning system?

Humidification? _____

Air filtration? _____

Exhaust? _____

Indoor air quality? _____

Noise? _____

Energy performance of your home? _____

Is three phase power available? _____

Should the air conditioning be on emergency (standby) power? _____

What percentage? _____

Will there be a lighting control system? _____

Will the cooktop and ovens be gas or electric? _____

Will the clothes dryer be gas or electric? _____

Will there be an elevator? _____

Will there be outdoor festive lighting on the house? _____

Will there be outdoor festive lighting elsewhere? _____

Will there be any outdoor water features? _____

Will there be an emergency generator? _____

Will the generator be fueled by natural gas or oil? _____

Will the generator be sized for the entire house? _____

Where will the generator be located (inside/outside)? _____

What types of loads will be on the generator? _____

Will there be a central music system? _____

Will there be a security system? _____

Will there be a home computer network? _____

Will there be a home entertainment system? _____

Will the out buildings, if any, be powered individually or from the main house? _____

Does any of the security, music, telephone or computer network equipment need to be on an uninterruptible power supply (UPS)? _____

Do you want a lightning protection system? _____