Client MEP Questionnaire (Expectation Sheet)

Project: _____ **Date:** _____

This sheet will help us better understand you and what you want in your mechanical, electrical and plumbing system. The more information you provide the better so don't hold back…

GENERAL:

Will this house be used as a primary residence or seasonal residence (which season)?
_____

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

Does every bedroom need its own thermostat control? _____

Will this house contain a high level of wood trim, paintings, antiques or similar (need for tight tolerance of indoor climate, including humidity)? _____

Will your home have wood or gas fireplaces? How often will they be used? _____

How would characterize your sensitivity to mechanical system noise? _____
_____

Bathroom exhaust activated on manual fan switch, automatic based on humidity or on all the time?_____
_____

Would you characterize your kitchen cooking as Minimal, Occasional, All the time? _____
_____

Will you entertain a lot? If so, how many people? _____

Does anyone in your household suffer from respiratory ailments, chemical sensitivity syndrome or similar?
_____

Will there be any outbuildings that require electrical power, water, gas or similar?_____
_____

What fuel source(s) are available on site (Natural Gas, Propane, Oil, etc.)_____

Comfort Settings – what indoor temperature and relative humidity (RH) do you want to design for?

Defaults are 70°F /30% RH (winter) and 75°F / 50% RH (summer) _____

Does any room or area have a unique temperature setpoint?_____

HEATING:

What type of heating does your current home have? _____

What do you like/dislike about your existing heating system? _____

_____

Do you prefer heating your home by warm air systems (i.e. air handler, furnace, etc.) or hot water systems (i.e. baseboard, radiators, floor heat, etc.)?

_____

Would you like radiant floor heat or any supplemental in your new home? If so, which rooms? (Bathrooms, Mudrooms, Basement, etc)_____

What is your sensitivity to dry air during the winter season? Steam humidifiers?_____

Do you want heat in your garage? If so, what temperature?_____

AIR CONDITIONING:

What do you like/dislike about your existing air conditioning system? _____

_____

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

Do you want temperature control by general areas or more by a room-by-room basis? _____

_____

What level of air filtration are you looking to achieve? MERV Scale is 1-16. Recommend minimum MERV-11. MERV-16 approaches HEPA levels. Higher filters will require more mechanical space. _____

PLUMBING/HOT WATER:

Does your building have "town water" or well water?_____

Has a water quality test been performed? If so, can you share the results?_____

Do you characterize your hot water usage as low, average or high? _____

Will your home have any high flow fixtures, such as Jacuzzi type bath tub(s), "rainfall" showerheads, body jets, or similar? _____

How many showers do you intend to be used simultaneously?_____

Hot water delivered to faucets and showers, quickly (<10 seconds)? Or can wait a minute?_____

ELECTRICAL:

Will the building have an elevator? Electric or Hydraulic? _____

Interested in backup power? Whole house or Emergency systems only? Generator or Battery Storage?

_____

Will the project include any large electrical demand appliances worth mentioning (electric car, hot tub, etc.)?

_____

OTHER SYSTEMS:

Will your building have a heated pool or hot tub? _____

Will your building have a climate-controlled wine cellar? _____

Do you want snowmelt for your driveway, patio or walkway? _____

Are you interested in solar energy systems (photovoltaic or thermal)? _____

Are you interested in geothermal heat pump systems? _____

Do you have an energy or performance goal (net zero, air leakage target, etc)? _____

Do you have an estimated MEP installation budget? HVAC budget? _____

General Comments or Concerns?

_____

_____

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