Questions and Answers:

Q: On drawing where it shows EXISTING GAIN TUBE DETAILS there is a dimension of the tube and there is also the depth of water in it. We would need to know if that is the level of water form bottom or is that depth with no water. Reason why I ask is that in the document it calls for 24" of cold leads in heater but that would not be sufficient, where ever there is no water there should not be any heaters or else you will run the risk of burning these heaters. This would need to be clarified

A: The water shown on the drawing is the water level at the time of the survey. The heater should be designed for wet and dry condition. The watt density is so low that they can run without liquid.

Q: Each gate comprises of 6 heaters on each side in 3 tubes (3 at low power and 3 at high), under what conditions do both kick in and what is low and high?

A: It is clear on drawing. No control, only high.

Q: How will temperatures be monitored, do you need one thermostat per door or one on each side of gate or in each tube?

A: It is intended to use only in winter when needed. No thermostat.

Q: In details in control panel is says 40C temp protection is this temp required in tubes or just for freeze protection pf panel?

A: The 40 degree is for breaker specification. Nothing to do with the heaters.

Q: I am just proposing this as recommendation of design based on our experience.
- Each gate wold be comprised of 12 heaters
- Each side would then be controlled with temp controller showing heater temperature. Total of 6 controllable heating zones for the whole system
- Control panel would then have 6 separate control zones and each control zone would have a setting of high an low where only one or two heaters can be switched on.

A:
The specification stands as is.