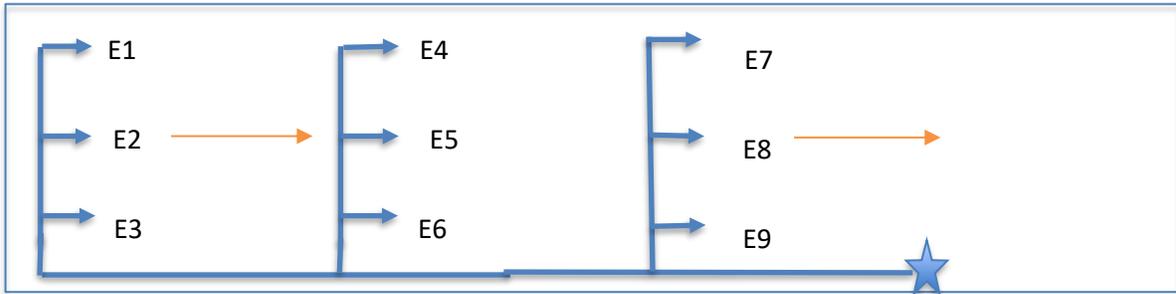


## Metal Frame Raceway Design



*Figure 1: Aerial Overview of Metal Frame Raceway Design*

- Pond is 10FT W x 40FT L, with Height of 3FT to hold 9000 gallons of water.
- Blue lines show the irrigation system using 2" PVC piping along with the 9 eductors/water inlets that put recirculated, oxygenated, and heated water back into the system. All of them face in one direction to cause a continuous flow, almost like a river.
- Blue star shows the input from the 1HP recirculating pump along with the Hayward heat pump, which is fed by water coming out of the bottom of the right side, where the flows in by gravity.



*Figure 2: Hayward High-Efficiency HeatPro 50K Heat Pump*



*Figure 3: Hayward 1HP Pool Pump with Filter Basket*



*Figure 4: 3/8" NPT Polypropylene Eductor Nozzle*