Stored Gravitational Energy
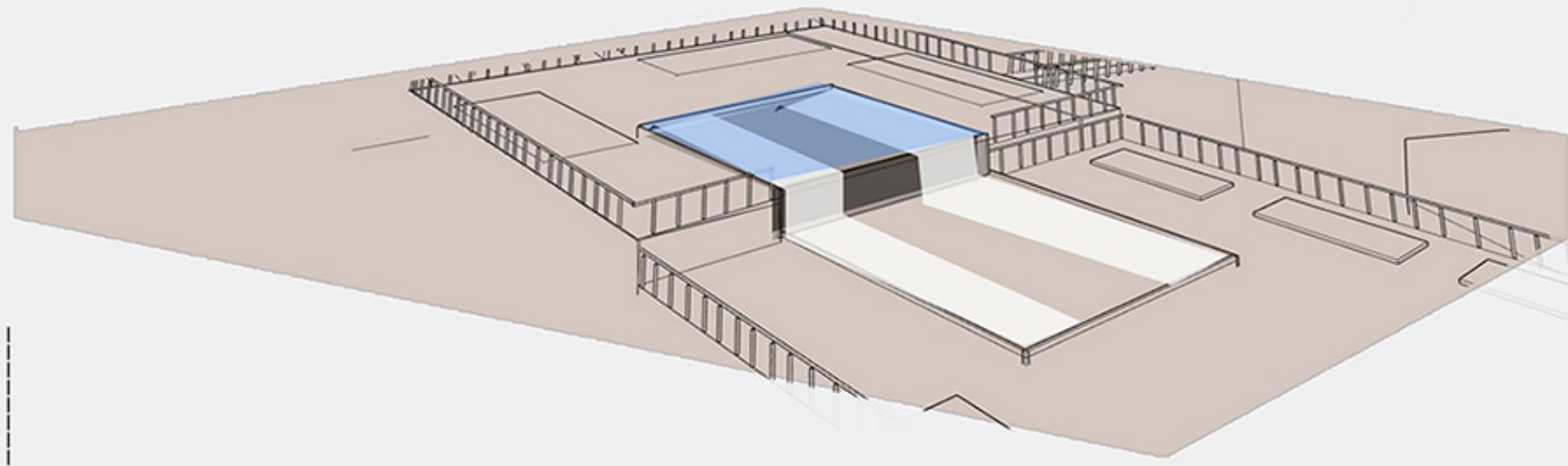
Motion Energy
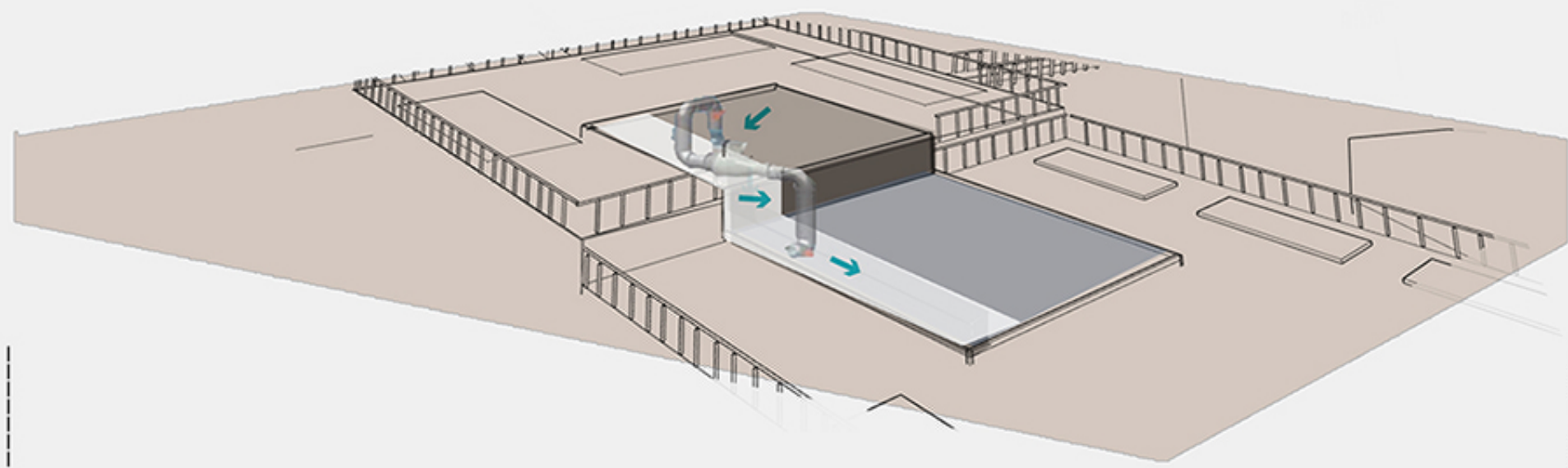
Generate Electrical Energy

Energy Production

Grass with Hardscape

Wetlands- woody plants and trees

Wetlands- reeds and grasses

Implentation of vegetation and wetlands allows for a seamless landscape with ponds and cultural facilities integrated within.

Wetlands filter stormwater and return them to ponds for energy production.
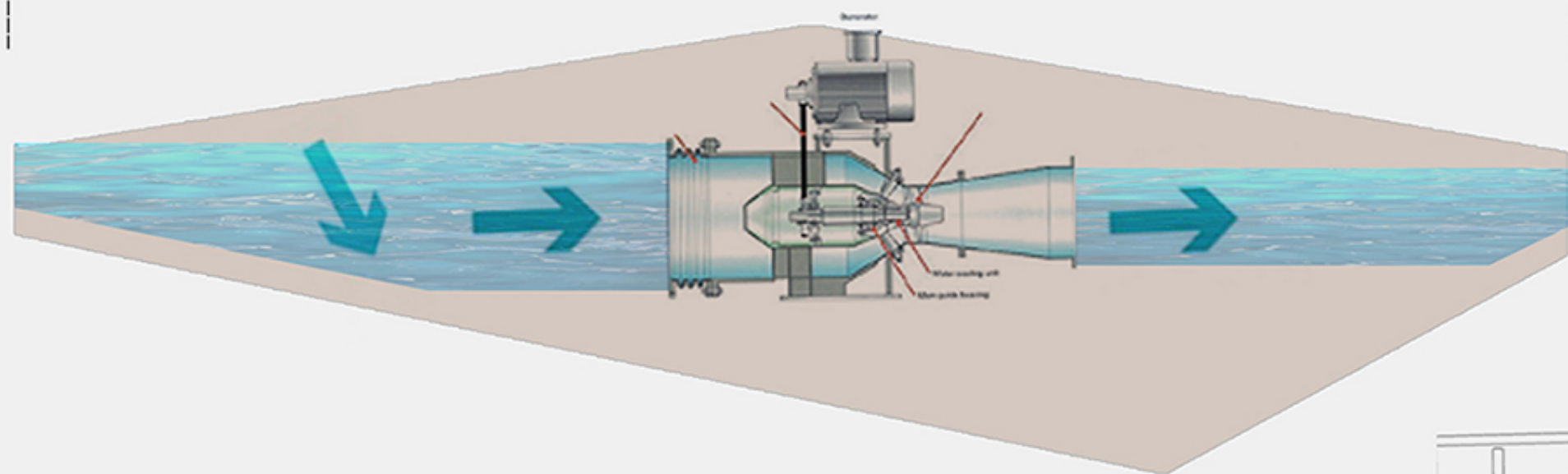
5ft drop = 1.524 meters
9.8 x 1.524 m x (0.3m^3/s) x 0.75 = 3.36 kW x 2= 6.72kW
6.72kW x 24 hours x 365 days x 0.8 (capacity usage)
47,093 kWh per year