



Washington Park Reservoir

Tower Crane

The crane will be a Liebherr luffing boom crane (pictured), which features elements that will be particularly useful to its work on-site. A luffing boom crane can move, be stowed, and operated with its boom extended in an upward direction to avoid the surrounding trees and overhead utilities.

Once the tower is fully erected and secured, the slewing unit, which allows the crane to rotate, will be lowered into place. On top of the slewing unit, the operator's cab and arms, called booms, are set in place. The shorter arm (the counter boom) will contain the motor and electronics as well as large concrete counter weights for stability. The long arm (the working boom) houses the hook and block for lifting materials and equipment.