

IRRIGATION TANK

KIWIFRUIT ORCHARD

OMOKOROA, BAY OF PLENTY

During the development of a new kiwifruit block in July 2010 a new Kliptank was constructed to provide irrigation and frost fighting reserves.

THE SPECIFICATIONS OF THIS TANK ARE:

- ◆ 606,000 Litres of usable capacity
- ◆ 3.0 m high
- ◆ 16 m diameter

Due to the resource consent, there is a limit to the rate at which water could be drawn from the bore on the property. A limit far less than the flow rate required for the frost fighting system required to protect the crop properly. A large tank was preferred to provide a storage buffer, rather than drill a new bore a considerable distance away.

The water is treated on demand as it comes out of the bore, so a covered storage solution was required to keep the water clean before irrigation.

The unique design allowed the flat packed tank components to be delivered through confined spaces without machinery to avoid damage to crops.

The Kliptank was a simpler solution than using multiple smaller tanks and has a much smaller footprint.

CLIENT: Owen Hopping

