



Project: 271 Whale Beach Rd Whale Beach
Revision A
Date: 01/05/2019

Work Method Statement

Installation of Inclined Lift - Rail Assemblies and Car

1. Footings

- a. Due to limited access, footings are dug out to engineers specified depth and size by hand.
- b. Dirt and rubble is spread in the local vicinity in the area specified by the customer or carried from site to a skip bin at the front of the property if customer requires.
- c. The concrete footings for the columns are poured so they sit approx 100mm above ground level.
- d. Concrete is poured at the street into a concrete pump. Pipes will be run down the side of the property to the footing locations.

2. Load assembled rails/car on truck with hiab at factory

- a. Deliver assembled rails/car to site heading north up Whale Beach Rd
- b. Drive passed site driveway then reverse back straight down driveway

Image - Driveway





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- c. Using hiab lift rail assemblies/car from truck and position on side of property at top of property

Image - Unload Area



Image - Unload Area



Work Method Statement

- d. Man handle rail assembly to near boundary at top of property

Image - Side of property



- e. Attach electric winch wire to rail assembly/car for safety



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f. Slowly man handle rail assembly/car down side of property and house using rollers, blocks and straps.

Image - Retaining wall



Image - Retaining Wall & Path



Image - Stairs





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Image - Path at Rear of Property



3. Installation of Columns

- a. columns are carried from the drop of area at the top of the property to the install location by hand

4. Installation of Rail Assemblies

- a. the columns are designed specifically so the rail assemblies can be positioned over the columns and drop directly into the female clevis on top of the column.
- b. the top rail assembly is installed first
- c. rollers are then temporarily bolted to the top rail assembly
- d. the next rail assembly is then rolled down the already installed rail
- e. this process is then repeated until all the rail assemblies are fitted end to end.