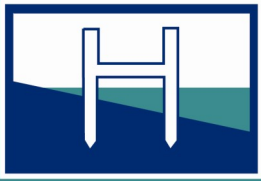


HAURAKI



PILING LTD.

Sea and City—Wynyard Wharf



Oscillating 1500 dia Casing through the basalt



Screwing 900 dia casing with crane and drill table

The Sea and City Project is part of urban regeneration program being developed for the former Tank Farm area in Auckland.

As part of the strengthening works for the existing Wynyard Wharf Hauraki Piling were commissioned to construct 900 dia piles through basalt rubble that formed the existing foreshore riprap, and 5m into competent sandstone. The basalt rip-rap proved particularly challenging to penetrate and a combination of oscillated starter casings (1500 dia) and permanent 900 dia screwed in casings were used to form the pile to top of rock.

The upper 3m of the pile was formed using a slip form inside the larger starter casing to give a recessed profile for ease of placement of the precast infill panels between piles.



Project Details:

Bored and Oscillated Piles: 18No. 900 diameter to 28m

Main Contractor: Mainzeal Property and Construction Ltd

Client: Sea and City Development Group.

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