

Stitch Drilling for Pipe Jacking Cutter Head Arrival Eyes Samut Prakarn Waste Water Project

The circular cutting and removal of in excess of 28 tons of reinforced concrete from each of three arrival shaft locations was required for Pipe Jacking cutter head retrieval.

Works were successfully completed using diamond core “stitch” drilling during an extremely limited access “window” with twenty-four hour operation of both hydraulic and electric core drilling equipment and 125, 150 and 200mm core barrels.

Additional works included drilling anchor holes and the quartering of each section to facilitate lifting.



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PROJECT DETAILS

Project Title	Stitch Drilling of Pipe Jacking Launch and Arrival Eyes Samut Prakarn Waste Water Project
Client	VSK Pipe Jacking Joint Venture
Details	Demolition of three number 3.7m diameter x 1.2m thick x 28 ton, heavily reinforced diaphragm wall arrival eyes using diamond core stitch drilling.
Completion	March 2002