

Steel Sheet Piling

Droylsden Marina Manchester, UK

Client: **Watkin Jones**

Contract value: **£40k**

Contract period: **2 weeks**

Project brief

As part of a large scale regeneration project the client required the installation of a permanent retaining wall to form part of an underground basement structure. The overall projects consists of the refurbishment and upgrading of a canal side marina and the subsequent building of residential and commercial properties

Solution

To provide the necessary performance Dew Piling installed approx 70 No. VL604 steel sheet piles using a 14m ABI leader rig. The project also saw one of the first outings for the new 19m RTG leader rig equipped with a 90t Resonance Free Vibro hammer. This rig was used to backdrive all of the piles to a set in the underlying competent soils. Also included within the works was the design and installation of temporary framing to support the wall during excavation and final construction of the permanent basement.



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