



Greenpiling

Plots 18 & 19 Fourth Quarter - Edinburgh

Details

Steel tubular piles were chosen for the works as they can provide high load capacities whilst successfully penetrating the shallow and sloping rock head profile. High energy accelerated hammers were needed to ensure sufficient penetration would be achieved into the sandstone to maintain pile stability. As piling proceeds the trimming of the piles were carried out to their final cut off level using flame cutting equipment removing the risk of HAV.



Key Information

Duration	3 Weeks	Number of piles	710 Piles
Rig	Junttan PM20	Pile Loads	Up to 800kN
Piling System	Steel Tubes	Pile Lengths	3 to 8M
Ground conditions	Fill Material (variable thickness)/ Boulder Clay/Strong White Sandstone	Testing Regime	Dynamic

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