



Greenpiling

## Student Accommodation – Chatham Street - Liverpool

### Details

Due to the loads specified, rock sockets were required up to 4.5 to 5.0m into Liverpool sandstone; this was achieved using Tungsten drilling tools and rock auger drilling teeth. Pile lengths were installed to penetrations into the rock using computerised CFA monitoring equipment. Three load tests were carried out to establish the rock quality/required penetrations to achieve the pile safe working loads.



### Key Information

<b>Duration</b>	7 Weeks	<b>Number of piles</b>	721 Piles
<b>Rig</b>	SF50	<b>Pile Loads</b>	850kN Compression
<b>Piling System</b>	CFA	<b>Pile Lengths</b>	Up to 12m
<b>Ground conditions</b>	Made Ground/Glacial Drift/Bunter Sandstone	<b>Testing Regime</b>	Integrity & Load testing

# Contact Us

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