

Further to our telephone conversation this morning we understand that there are Planning/ EA concerns about using driven precast concrete piles on this project. We plan to use one of our Quiet Hammer piling rigs which are no noisier than our CFA piling rigs. Our Quiet Hammer technology reduces the noise level by approximately 7dBA to 90dBA at the rig. We attach the results of a noise survey which recorded the noise levels at different distances from the rig. Interestingly the wind direction and strength have a big influence on how the noise travels.

We can in addition to reducing the noise impact from our works by using a Quiet Hammer place a pointed end on the bottom of our precast piles. These pointed ends ensure that material encountered when installing the pile is displaced sideways rather than being dragged down on the flat end of the pile. This will ensure that contaminated material is not carried down into the underlying Bognor Sand Deposit. We would comment that the Ground Investigation Report (section 7.6.1) indicates that the Bognor Sand Deposits are 'effectively impermeable' and therefore would not transfer polluted groundwater to an aquifer.

We trust we have anticipated your requirements correctly, should you have any further questions please Don't hesitate to contact us

Roger Bullivant Limited