



Progress Newsletter



Development of Coal Orchard

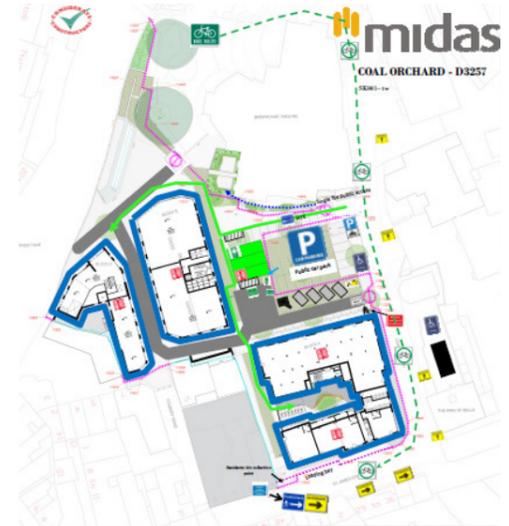


working with

Somerset West and Taunton

14.11.2019 nr3

Welcome ...
to our regular newsletter to provide our neighbours with an update on our progress during the construction the Coal Orchard Development



WHAT HAVE WE BEEN UP TO

NEWSLETTER THREE— 14.11.19



All vehicles washed down before leaving site



Piling matts



Piling matts

Pile activity from 8am until 5pm. No weekends



LOOKING AHEAD

From Monday 18th Onwards we will be piling the foundations. These are driven concrete piles, 250mm x 250mm at around 5m in depth. In total there are 351 piles to support three of the four buildings. We will start on Block A, over the old swimming pool with frontage along St James Street. We then move onto Block D which hooks around Jane Armour/ Cedrics down onto the water front and then onto Block E. The piles are delivered daily, being unloaded by the rig then driven into the ground. Ground is constantly monitored for vibration. This operation is noisy. In open space the noise will be 75dB(A) on impact at 20m, 84 dB (A) at 10m (working zone) this is the same as a vacuum cleaner for the lower level and a diesel truck at the higher level however as it is an impact noise it may sound louder. As the operators are exposed to this noise within the higher limit for the whole working day they will be required to wear hearing protection. These figures are based upon the HSE guidance for daily noise exposure. We have to include the noise of the rig's engine within their calc. As a passer by, even if you are within the working zone, based on distance, you will not require hearing protection because you are not exposed to the level of sound for a long enough period of time and the upper limit sound is not even close to the level at which permanent damage could be caused by a single strike of the pile. For those within buildings immediately adjacent to the site who could at points be within the 10m zone due to their location, equally will not be exposed to the sound for long enough periods to require ear protection. Based upon exposure rates calculation, we would have to be piling within 10m for more than 3.2 hours of constant noise until hearing protection is required. This operation will only peak over the 80 dB for approx. 6 times a minute for approx. 2 seconds within the 10m zone. This equate to only 1.6 hours of exposure over the working day. We acknowledge though that the disturbance of a pile being hit every 10 seconds will be high. For this we can only apologise in advance and be assured we will do everything we can to minimise the disruption.



Should you have any queries or general concerns please contact ...
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