



First buckets in the ground, vegetation is removed from site as waste but the topsoil is saved on site for future reinstatement



Excavation for the piling mat, we dig down to solid ground before building back up with stone for strength

Piling mat being installed, 300mm of recycled 6F5 crushed stone, the piling mat must be strong enough to take the weight of the piling rig whilst it is drilling





Attenuation tank dug to a depth of 3.5m



Attenuation tank being installed, to take all the rainwater away



Attenuation tank being backfilled, rolled in layers of 250mm for strength



Piling rig in position, a total of 125 piles were drilled to depths ranging from 8m to 15m, reinforced steel added, concrete poured to give them strength



Here you can see the top of the piles with the reinforcement steel showing, a sand blinding and 100mm cellcore to allow for heave





Reinforcement added to the top of the piles to form pile caps



Corex around the pile cap ready to pour concrete



All pile caps poured



Top of pile cap exposed, 100mm cellcore to allow for heave and 80mm under slab insulation



Reinforcement finished, timber shuttering in place to contain the concrete when it is poured