

Job Title:	Proposed Industrial Development JJ Churchill, Station Road, Market Bosworth, Leicestershire		
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Existing Site

The proposed development is located to the rear of the existing JJ Churchill head office and manufacturing workshops, which in turn is accessed off Station Road, Market Bosworth, Nuneaton, CV13 0PF. The site area is roughly 0.42 ha, the current use of land is generally dense vegetation and trees with an existing access track running roughly through the centre with retaining walls either side. There is an existing watercourse/ditch running through the Southern end of the site which runs in a Westerly direction and into a 525mm dia pipe and off site.

Enabling works.

The proposed site will be cleared of vegetation, and bulk earthworks will get levels down to formation levels. Where possible vegetation removal and reducing levels down to formation should try to minimise these areas to small areas immediately prior to works commencing. This will naturally result in the developable area being lower than the surrounding areas which in itself will act as a basin catching most surface water from the site. Generally, the levels from the site boundary fall into the site. Where this isn't the case (Southeastern corner of the site) a drainage ditch will be provided at the top to capture any overland flows and convey them into the basin. This trench could also be locally deepened to provide silt retention areas to reduce the silts passed down stream to the attenuation basin. The attenuation basin will also be excavated which will form a holding area for surface water. Temporary trenches/swales will be constructed as required to direct all surface water to the attenuation basin. The proposed outfall structure for the site will also be constructed and fitted with the permanent flow control which will limit the flows off site to the agreed rate of 5 l/s. As the attenuation basin will be taken down to its formation level there will be at least 150mm sump between the base of the attenuation basin and the outgoing pipework, this will provide a catchpit to capture any silts or debris preventing entry into the existing watercourse/ditch. There will also be a sump within the flow control chamber which again will help capture silts. The silt and debris levels are to be inspected regularly and cleaned out as and when required.

As the proposed attenuation basin (designed to hold water up to and including the 1 in 100 yr storm event with an additional 40% allowance for climate change) is to be constructed to hold the temporary surface water drainage and the permanent flow control is also installed there will be sufficient capacity to hold any storm duration occurring and will ensure there is no risk to the surrounding land of being inundated with overland flows from the proposed site or the local.

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