

Demonstration of Net Biodiversity Benefit – Kronospan Engineering Stores (Planning Condition 4)

Table 1: Baseline Habitat Areas

Habitat	Area/ length (m2/m)	Description	Photograph
Bramble scrub (Including T04-T09 and G06)	2031m2	Areas of dense, bramble scrub with scattered elder, hazel and hawthorn on an embankment south-west of the Site and at the base of line of trees (below) . Due to dense structure and largely monospecific stand is considered to be of low value for local biodiversity. Scattered shrubs arboricultural categories C1 and C2 totalling 11 stems.	
Line of trees (tree group G01)	195m	Line of cypress trees (non-native). Arboricultural category C2 totalling 142 stems. Considered to be of low value for local biodiversity.	

Table 2: Post-development Habitat Areas

Habitat	Area/ length (m2/m)	Description																														
Mixed tree planting	1265m2	Structured tree planting of a mix of coniferous and broadleaved species in accordance with landscape specification. Total 316 qty of trees to be planted. Considered to provide greater structure through inclusion of understory species and be of moderate value to local biodiversity due to inclusion of native and broadleaved species <table> <tr> <th>Species</th><th>Common Name</th><th>%</th></tr> <tr> <td><i>Pinus sylvestris</i></td><td>Scots Pine</td><td>15</td></tr> <tr> <td><i>Picea abies</i></td><td>Norway Spruce</td><td>12.5</td></tr> <tr> <td><i>Thuja plicata</i></td><td>Western Red Cedar</td><td>12.5</td></tr> <tr> <td><i>Betula pendula</i></td><td>Silver Birch</td><td>40</td></tr> <tr> <td><i>Ilex aquifolium</i></td><td>Holly</td><td>4</td></tr> <tr> <td><i>Crataegus monogyna</i></td><td>Hawthorn</td><td>4</td></tr> <tr> <td><i>Corylus avellana</i></td><td>Hazel</td><td>4</td></tr> <tr> <td><i>Prunus spinosa</i></td><td>Blackthorn</td><td>4</td></tr> <tr> <td><i>Rosa canina</i></td><td>Dog rose</td><td>4</td></tr> </table>	Species	Common Name	%	<i>Pinus sylvestris</i>	Scots Pine	15	<i>Picea abies</i>	Norway Spruce	12.5	<i>Thuja plicata</i>	Western Red Cedar	12.5	<i>Betula pendula</i>	Silver Birch	40	<i>Ilex aquifolium</i>	Holly	4	<i>Crataegus monogyna</i>	Hawthorn	4	<i>Corylus avellana</i>	Hazel	4	<i>Prunus spinosa</i>	Blackthorn	4	<i>Rosa canina</i>	Dog rose	4
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self-seeded area (	100m2	Considered likely to comprise scrub species including those planted above, as well as self seeded bramble. considered to be of equivalent or greater value than existing scrub and will compliment existing woodland.																														
Total planted area	1365m2	While the area of semi-natural habitats is reduced, it is considered that planted woodland and self seeded scrub will provide higher quality habitat of better structure than dense and monospecific stands of bramble and none-native cypress trees. Baseline trees total 153 stems, with 316qty new trees to be planted, not including self-seeding area.																														