



LEGEND			
	APPLICATION SITE BOUNDARY		LANDOWNER BOUNDARY
	EXISTING CONTOURS		TIMBER POST AND WIRE FENCING
	PROPOSED CONTOURS		BIRD BOX (x5 no.) (indicative location)
	EXISTING RETAINED HEDGEROWS SUPPLEMENTED BY INFILL PLANTING AS REQUIRED WITHIN SITE		BAT BOX (x5no.) (indicative location)
	NOTABLE BLOCKS OF MATURE HEDGE AND WOODS NEXT TO SITE		INVERTEBRATE HOUSING (x5no.) (indicative location)
	EXISTING GAS PIPELINE AND BUFFER ZONE (15m)		ACCESS ROUTE
	EXISTING AGRICULTURAL LANDS WITHIN THE LANDOWNER BOUNDARY BUT OUTSIDE OF QUARRY'S RESTORED AREA		SAND MARTIN BANKS
	PROPOSED HEDGEROW		AREAS AROUND QUARRY FOR NATURAL COLONIZATION
	NEW WOODLAND FRAMEWORK FOR SCREENING AND HABITAT ENHANCEMENT		AREAS REINSTATED TO AGRICULTURAL GRASSLAND
			AREAS ACROSS QUARRY FLOOR REINSTATED TO NATIVE GRASSLAND MEADOW
			AREAS AROUND ROCK FACE FOR NATURAL COLONIZATION
			AREAS FOR REGENERATION AROUND WATER BODIES
			WATER BODIES BUFFER MARGINAL EDGE PLANTING
			WATER BODY

PLANTING SCHEDULE	
<b>Woodland Mix - Boundary Screening Buffer</b> To include species from the following	
<b>Trees - 0.6-0.9m ht. - min 2-3m ctrs</b>	<b>Understorey Shrubs - 60-90cm ht., in random groups of 5-15 no at min 1.5-2m c/c's</b>
<i>Alnus glutinosa</i> - 10%	<i>Crataegus monogyna</i> - 10%
<i>Betula pubescens</i> - 10%	<i>Prunus spinosa</i> - 5%
<i>Corylus avellana</i> - 5%	<i>Ilex aquifolium</i> - 5%
<i>Euonymus europaeus</i> - 3%	<i>Rosa canina</i> - 2%
<i>Pinus sylvestris</i> - 15%	<i>Viburnum opulus</i> - 3%
<i>Prunus padus</i> - 2%	<i>Salix aurita</i> - 6%
<i>Quercus petraea</i> - 20%	
<i>Sorbus aucuparia</i> - 5%	
<b>Wet Woodland Mix - Next to Ponds</b> To include species from the following	
<b>Trees - 0.6-0.9m ht. - planted at min 3m ctrs</b>	<b>Marginal Planting - CG P9 &amp; 2L, in random groups of 5-7 no at 4/sqm</b>
<i>Alnus glutinosa</i> - 40%	<i>Ints pseudoacorus</i> - 20%
<i>Salix alba</i> - 25%	<i>Juncus effusus</i> - 20%
<i>Salix cinerea</i> - 25%	<i>Quercus petraea</i> - 20%
<i>Salix caprea</i> - 10%	<i>Cardamine pratensis</i> - 10%
	<i>Filipendula ulmaria</i> - 10%
	<i>Galium palustre</i> - 10%
	<i>Potentilla palustris</i> - 10%
<b>Hedgerow Planting</b> - Along lengths of the new hedgerows and as infill to gaps within existing hedgerows. Hedgerow Trees - br 120-150cm ht., planted in random groups of 5-15 at 5/lin m and double staggered Planted individually at approx. 10-15m c/c's through the hedgerows	
<i>Malus sylvestris</i> - 20%	<i>Corylus avellana</i> - Hazel - 10%
<i>Pinus sylvestris</i> - 10%	<i>Crataegus monogyna</i> - Hawthorn - 45%
<i>Quercus petraea</i> - 50%	<i>Euonymus europaeus</i> - Spindle - 5%
<i>Sorbus aucuparia</i> - 20%	<i>Ilex aquifolium</i> - Holly - 3%
	<i>Ligustrum vulgare</i> - Privet - 10%
	<i>Prunus spinosa</i> - Blackthorn - 15%
	<i>Rosa canina</i> - Dog Rose - 2%
	<i>Viburnum opulus</i> - Guelder Rose - 10%
<b>Meadow &amp; Agricultural Grassland Mixes:</b> Areas of grassland sown across the quarry floor over an added topsoil layer of 0.3m depth. Selected Native Meadow Grassland mix to contain pollinator friendly rich native wildflowers species which flower at various times. Source of seed mix from an approved Irish grown supplier, e.g. Design By Nature MM12 Wild Flora for Raw improvised sub soil mix with a suitable grass nursery crop of bent and fescue grass species. Agricultural Mix of a suitable grassland cover similar to that within the surrounding fields. Note: Species assemblages to be agreed with Kildare County Council	

<p><b>CUNNANE STRATTON REYNOLDS</b> <b>LAND PLANNING &amp; DESIGN</b></p> <p>DUBLIN OFFICE 3 MOLESWORTH PLACE DUBLIN 2 TEL 01 861 0419 FAX 01 861 0431 EMAIL: info@cnsrdplan.ie</p>		<p>B 23/02/2024 UPDATE LAYOUT A 22/02/2024 UPDATE LAYOUT AND LEGEND</p> <table border="1"> <tr> <th>REV</th> <th>DATE</th> <th>AMENDMENT</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	REV	DATE	AMENDMENT			
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<p>PROJECT: <b>HUDSON BROTHERS LTD</b> <b>SECTION 37L APPLICATION</b> <b>CO. KILDARE</b></p> <p>DRAWING: <b>APPENDIX 11-A</b> <b>RESTORATION PLAN</b></p>	<p>DATE: FEBRUARY 2024</p> <p>SCALE: 1:2000 @ A1</p> <p>DRAWN: RF CHECKED: JB</p> <p>DRAWING NO: 23386-2-101</p>							