LEGEND

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

PLANTING SCHEDULE

Woodland Mix - Boundary Screening Buffer To include species from the following	
Trees - 0.6-0.9m ht. - min 2-3m. ctrs	**Understorey Shrubs - 60-90cm ht., in random groups of 5-15 no at min 1.5-2m c/cs**
Alnus glutinosa - 10% *Betula pubescens - 10%* *Corylus avellana - 5%* *Euonymus europaeus - 3%* *Pinus Sylvestris -15%* *Prunus padus - 2%* *Quercus petrea - 20%* *Sorbus aucuparia - 5%*	*Crataegus monogyna -10%* *Prunus spinosa - 5%* *Ilex aquifolium - 5%* *Rosa canina - 2%* *Viburnum opulus - 3%* Salix aurita - 5%
Wet Woodland Mix - Next to Ponds To include species from the following	
Trees - 0.6-0.9m ht. - planted at min 3m ctrs	**Marginal Planting - CG P9 & 2L, in random groups of 5-7 no at 4/sq.m**
Alnus glutinosa - 40% *Salix alba - 25%* *Salix cinera - 25%* *Salix caprea - 10%*	*Iris pseudacorus, 20%* *Juncus effusus, 20%* *Juncus aerticulatus, 20%* *Cardamine pratensis, 10%* *Filipendula ulmaria, 10%* *Caltha palustris, 10%* *Potentilla palustris, 10%*
Hedgerow Planting - Along lengths of the new hedgerows and as infill to gaps within existing hedges.	
Hedgerow Trees - br 120-150cm ht. Planted individually at approx. 10-15m c/cs through the hedges	Hedge - br 60-90cm ht., planted in random groups of 5-15 at 5/lin m and double staggered
Malus sylvestris - 20% *Pinus Sylvestris -10%* *Quercus petrea - 50%* *Sorbus aucuparia - 20%*	*Corylus avellana* - Hazel - 10% *Crategus monogyna* - Hawthorn - 45% *Euonymus europeaus* - Spindle - 5% *Ilex aquifolium* - Holly - 3% *Ligustrum vulgare* - Privet- 10% *Prunus spinosa* - Blackthorn - 15% *Rosa canina* - Dog Rose - 2% *Viburnum opulus* - Guelder Rose- 10%
Meadow & Agricultural Grassland Mixes: 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

AN BORD PLEANÁLA
LDG-
ABP-
29 FEB 2024
Fee: € Type:
Time: By:

REV	DATE	AMENDMENT
B	23/02/2024	UPDATE LAYOUT
A	22/02/2024	UPDATE LAYOUT AND LEGEND

CUNNANE STRATTON REYNOLDS
LAND PLANNING & DESIGN
DUBLIN OFFICE
3 MOLESWORTH PLACE DUBLIN 2
TEL 01 661 0419 FAX 01 661 0431
EMAIL info@csrlandplan.ie

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PROJECT: **HUDSON BROTHERS LTD SECTION 37L APPLICATION CO. KILDARE**	DATE: FEBRUARY 2024
	SCALE: 1:2000 @ A1
	DRAWN: RF CHECKED: JB
DRAWING: **APPENDIX 11-A RESTORATION PLAN**	DRAWING NO: **23386-2-101**