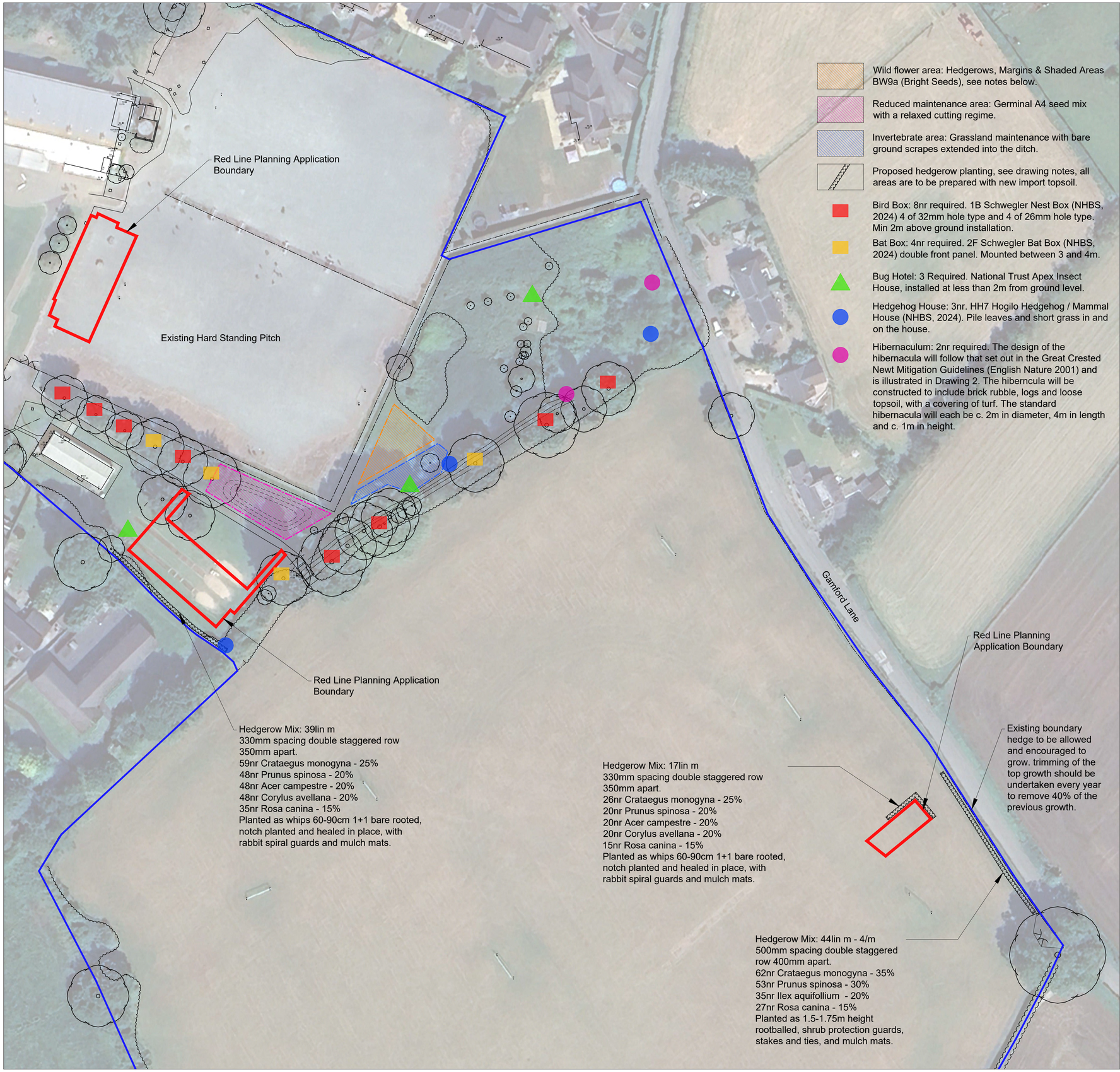


Wild flower area: Hedgerows, Margins & Shaded Areas BW9a (Bright Seeds), see notes below.

Reduced maintenance area: Germinal A4 seed mix with a relaxed cutting regime.

Invertebrate area: Grassland maintenance with bare ground scrapes extended into the ditch.

Proposed hedgerow planting, see drawing notes, all areas are to be prepared with new import topsoil.

Bird Box: 8nr required. 1B Schwegler Nest Box (NHBS, 2024) 4 of 32mm hole type and 4 of 26mm hole type. Min 2m above ground installation.

Bat Box: 4nr required. 2F Schwegler Bat Box (NHBS, 2024) double front panel. Mounted between 3 and 4m.

Bug Hotel: 3 Required. National Trust Apex Insect House, installed at less than 2m from ground level.

Hedgehog House: 3nr. HH7 Hogilo Hedgehog / Mammal House (NHBS, 2024). Pile leaves and short grass in and on the house.

Hibernaculum: 2nr required. The design of the hibernacula will follow that set out in the Great Crested Newt Mitigation Guidelines (English Nature 2001) and is illustrated in Drawing 2. The hiberncula will be constructed to include brick rubble, logs and loose topsoil, with a covering of turf. The standard hibernacula will each be c. 2m in diameter, 4m in length and c. 1m in height.

Wild flower area notes:

Seed mixture to be '100% Hedgerows, Margins & Shaded Areas Mixture' or similar and approved containing the following species.

Common Agrimony	Meadow Vetchling
Common St John's Wort	Musk Mallow
Common Vetch	Ox-eye Daisy
Field Scabious	Red Campion
Garlic Mustard	Tufted Vetch
Greater Knapweed	Wild Carrot
Hedge Bedstraw	
Lesser Knapweed	

To be sown over a weed-free bed, of rolled smooth, friable sub-soil with no building debris, stones >20mm dia., or loose (shredded) organic matter.
Mix seed thoroughly to ensure distribution of seed and undertake two separate casts perpendicular in direction, add sand to the seed cast to ensure even spread.
Flat roll after planning and water with a light mist sprinkler.

Year one maintenance is to include for weed removal by spot treatment and hand extraction. If sowing in the autumn, cut the sward when the grass gets established and keep it down to help the flower seeds to germinate with programmed mowing from September to April. If sowing in the spring, again keep the grass low for the first growing season by mowing on a regular basis between March and May, then start again in September.
Second year and onwards maintenance should include for removal of invasive noxious weed species with herbicide, a spring double cut to keep early establishment grass low and knock back any weed growth, followed by a cut in September and October.

Reduced maintenance area notes:

Existing grass area is to be re-profiled to a basin shape with a gentle gradient of shallower than 1:8, the area is to be cultivated to a fine tilth and seeded using a standard low maintenance mix, A4 mix Germinal.

Cutting should be undertaken in late August with all the clippings removed. The first spring should include a cut to 30mm with the clippings removed. Subsequent years (year 5 onwards) can have a summer cut every second year undertaken in June to mix the seed growth. Cutting should only happen in the height of the day to avoid disturbing any dawn or dusk animals.

Invertebrate area notes:

The area is an expansion of the reduced maintenance area above, maintained as the relaxed maintenance area.
There needs to be a mixed area of bare earth created by hand with a spade. Individual areas don't need to be large. To attract the widest range of invertebrates you should create several patches in a variety of shapes, locate the patches in different areas across the space, and on flatter areas you can create several small mounds up to 1m high, with south facing curved edges.

You should create bare ground areas in the autumn and winter, when invertebrates will not be nesting.

Maintenance should check the areas yearly, and remove any vegetation with targeted herbicide in early spring (manage half the area one year and half the next, so there is always suitable habitat).

Bug hotel inclusion within the area should be as the drawing.

MILIEU LANDSCAPE DESIGN
Chartered Landscape Architects
Halls Arms Business Centre
Clitheroe Road
Knowle Green
Longridge
Preston
PR3 2YQ
Tel: 0333 242 5109
www.millieulandscape.com

Do NOT Scale From This Drawing.
All dimensions are to be checked on site prior to construction.

The drawing shall only be used for the purpose for which it was prepared. Drawings issued for planning approval shall not be used for the purposes of costing or construction.

NOTES:

> Drawing issued for planning condition discharge, to be used for this purpose ONLY.
> All measures and setting out is to be checked on site prior to installation and agreed with LA.
> Drawing to be co-ordinated with the requirements of other disciplines and planning conditions.
> Drawing is produced to relate to the planning approval - Application P/2022/0725

Rev	Description	Date
P01	Planning Issue	02/06/25

PURPOSE OF ISSUE
Planning Condition Discharge

PROJECT
Darland Academy

TITLE
Biodiveristy Features

CLIENT
Wrexham AFC

DRAWN BY	CHECKED BY	DATE
-	CF	29/05/25

SCALE (@ A1)	PROJECT NUMBER
1 : 500	25239

DRAWING NUMBER
WRX-MLD-XX-XX-DR-L-1001 S0 P01