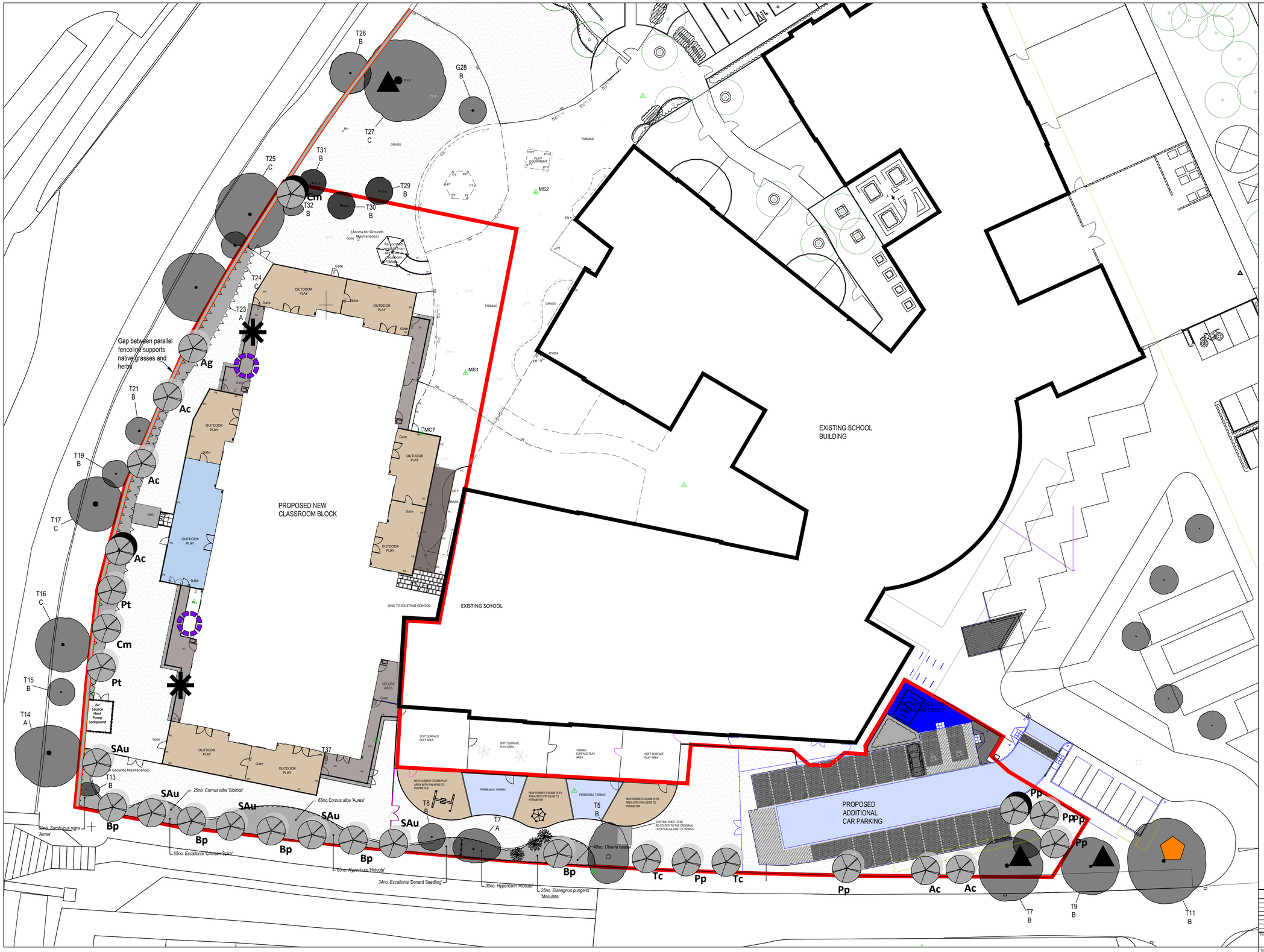

Millwood Special Primary School, Radcliffe

Location of bat tubes and bird boxes

NORTH

KEY

- Existing tree retained
- Existing dead tree retained as standing deadwood.
- Proposed native scrub planting to provide screening and reinforcement to canal corridor.
- Proposed amenity and wildlife attracting shrub planting to provide screening to road frontage
- French drain - stone wrapped in porous membraine to 150mm below finished levels, topsoiled and turfed
- Existing grassland reinstated with species rich grass/wildflower mix and allowed to grow tall to encourage wild flower s to set seed. Mown twice a year in May and September
- Short mown amenity grassland to be reinstated where necessary and turfed
- Proposed native species standard tree planting
- Site boundary

Swift Nest Box to building - x2 (one of each type)

17A Schwegler Swift Nest Box

* Materials: Plant fibre and wood-concrete (100% asbestos-free)
* Internal Dimensions: 28 x(w)x30cm (H) x D x 12
* Entrance Hole: 13x(w)x8cm (H) x D x 12
* Weight: 2.5kg

The Swift Box No.17A is made from a mixture of compressed plant fibre and concrete, to provide good insulation and extremely long life. This Swift box can accommodate 3no pairs of swifts in parallel. The box is supplied in a natural grey colour, but can be painted to match the wall, using an permeable paint.

Siting and Positioning:
The box shall be installed 5-7m above ground level, ensuring there is unobstructed access for birds entering and leaving the box. The box should be installed under shelter of eaves or overhanging roofs. Mounting the Swift box is via 2no L-shaped fixing brackets and screws.

Woodstone Build-In Swift box, brick size

*Materials:
*Dimensions: 215 x 102.4 x 64mm

The swift box is suitable for new construction and integrates into a wall. The block aligns with the front wall, protruding approximately 50mm into the cavity, whilst leaving an additional 50mm Dr beyond for insulation. Also compatible with a rendered wall.
The box has two nesting compartments.

Siting and positioning:
The box shall be installed on the north or west elevations approximately three courses below an apex or 6-7m above ground level, ensuring there is no unobstructed access for birds entering or leaving the box.

Bat tube to building- x2

2FR Schwegler Bat Tube

*Materials:
*Dimensions: 47.5x20x12.5cm(H/W/D)
*Entrance: 9x20x2cm (H/W/D)
*Weight: 9.8kg

The bat tube is suitable for bats which inhabit buildings and is designed to be built into the masonry of new buildings. The tube is built flush with the wall or beneath a rendered surface is suitable for new construction and integrates into a wall. The block aligns with the front wall, protruding approximately 50mm into the cavity, whilst leaving an additional 50mm Dr beyond for insulation. Also compatible with a rendered wall.
The tube has transverse connection holes so several tubes can be piled next to each other if required.

Siting and positioning:

The tube shall be installed on the canalside facing elevations approximately 3-4 metres above ground level, ensuring there is no unobstructed access for bats entering or leaving the tube. Elevations which are in darkness are preferable.

Nest box to standing dead wood - x3

Schwegler 2GR Nest Box

*Materials: Woodcrete (blend of wood, concrete and clay)
*Dimensions: 31x26x27cm(H/W/D)
*Entrance hole: 35x45cm (oval)
*Weight: 6.7kg

The nest box is suitable for blue, great and crested tits, tree and house sparrows. An additional recess suitable for bats is within the roof space.

Siting and positioning:

The box shall be secured on the north facing aspect of the standing deadwood trees approximately 4metres above ground level.

Nest box to standng dead wood - x1

Schwegler 2GR Nest Box

*Materials: Woodcrete (blend of wood, concrete and clay)
*Dimensions: 26x26x55cm(H/W/D)
*Entrance hole: 45cm
*Weight: 4.4kg

The nest box is suitable for starlings but will also provide overnight shelter for woodpeckers and nesting for pied flycatchers and nut hatches.

Siting and positioning:

The box shall be secured on the north facing aspect of the standing deadwood trees approximately 4 metres above ground level.

	REVISIONS	
C	Adjustments to bat and bird box locations.	16.07.25
B	Adjustments to soft landscape to reflect layout changes.	22.04.24
A	Minor revision to bat box specification.	26.02.24

Project
MILLWOOD SPECIAL PRIMARY SCHOOL, RADCLIFFE

Title
Location of bat tubes and bird boxes

Client
BRADSHAW GASS AND HOPE

Date		Scale	
February 2024		1:250@A1	
Drawn: LAC	Checked: DS	Drawing No.: 2493_03	MSE-BGH-02-XX-DR-A-2106
Stage: Stage 4	Status: Planning	Revision: P2	

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