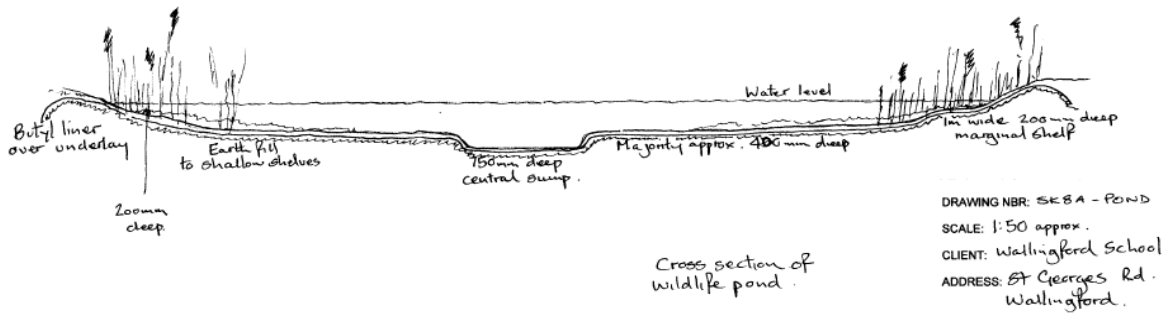


APPENDIX A

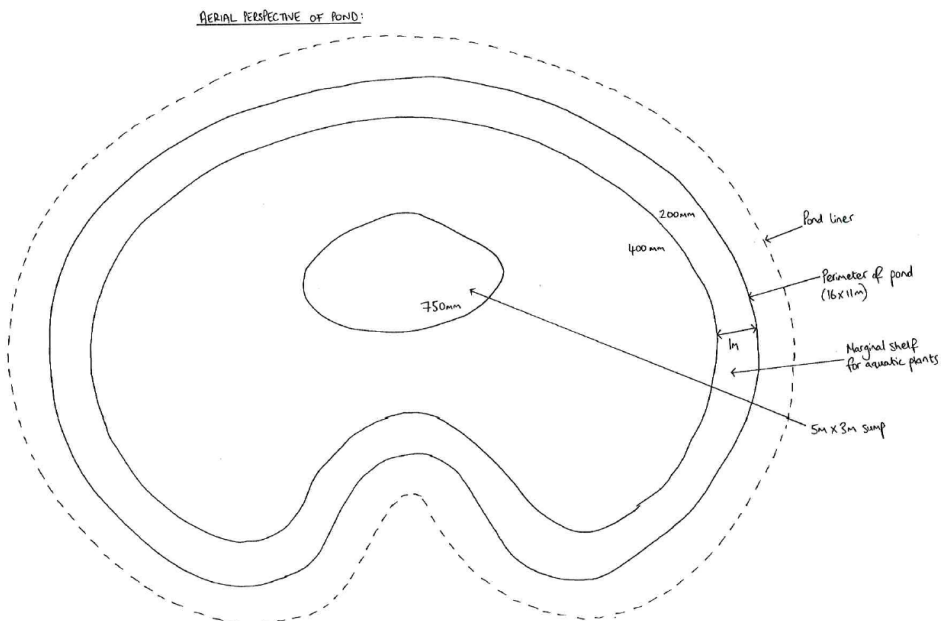
Specifications for the different sections of the project are as follows.

Wildlife Pond

- Total surface area = 176m² Approx. 16m x 11m.
- Pond to consist of 3 depths with graded sides: 200mm deep outer shelf for aquatic planting extending approx. 1m in from pond edge, 400mm deep inner area, 750mm deep central sump approx 5m x 3m.
- Lined in 20m x 15m 0.75mm Butyl rubber liner and 250gsm underlay.
- Liner and underlay to over sail perimeter of pond by approx. 1m.
- Excavate pond. All arising to be distributed on site either within amphitheatre or to build up existing earth bund.
- Fill pond with approx. 80,000 lt fresh mains water.
- Marginal aquatic planting to perimeter.
- To supply and install Life Buoy flotation device.



Cross section of the pond



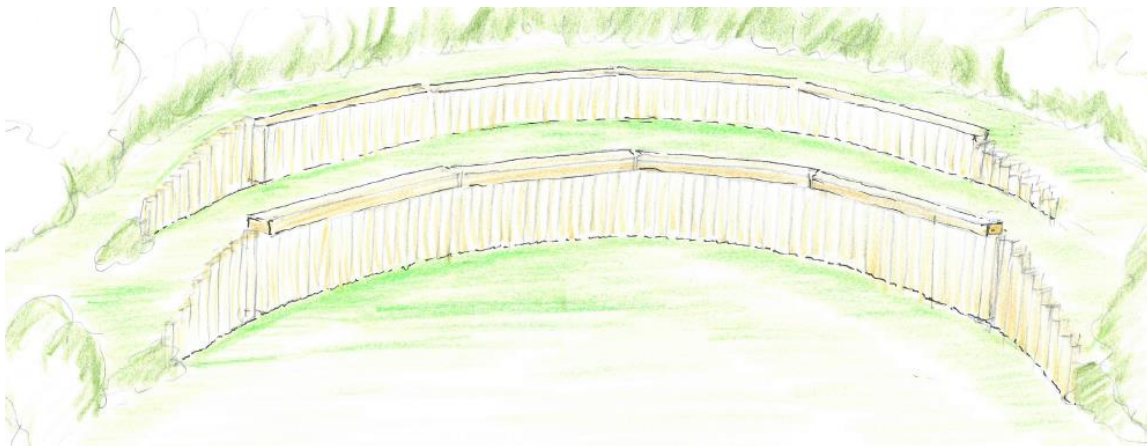
Ariel perspective of the pond

Wildflower meadow areas

- Approx 160m².
- Scrape off existing grass in marked areas.
- Supply and prepare ground with sharp sand to depth of 30mm.
- Supply and lay meadow turf.
- Meadow turf to consist of 34 UK native wildflowers and grasses, minimum 75% wildflowers.

Amphitheatre

- Two tiered, part-circle grass amphitheatre with timber retaining risers.
- Radius of upper tier = 7.4m, radius of lower tier = 6m.
- Lower tier: to excavate bund to ground level for lower tier, 6m radius.
- Upper tier: to excavate bund to level of top of lower tier.
- To grade out sides of amphitheatre to blend into remaining landscape (to be overseen by Designer).
- Supply and construct retaining faces using alternate 800mm lengths of treated softwood sleepers 200mm x 100mm and 100mm x 100mm treated softwood posts. Alternate 100m x 100mm posts set vertically into concrete, 400mm deep and screwed together.
- All posts and sleepers to be back filled with concrete to min 600mm deep x 200mm wide.
- Supply and construct seat tops using 2.4m 200mm x 100mm treated softwood sleepers laid flat and screwed into tops of vertical sleepers ie 200mm intervals
- Total 32 x 2.4m x 200mm x 100mm sleepers for verticals, 8 x 2.4m x 200mm x 100mm sleepers for seat tops.
- Total 44 x 2.4m x 100mm x 1200mm posts (to allow for tapered sides
- All fixings to be 150mm landscape screws.
- Construction of the Amphitheatre to take place in conjunction with Wildlife pond.



Impression of the proposed amphitheatre

Main grass path to pond, amphitheatre base and terraces, grass areas under benches and picnic tables

- To strim areas to be turfed.
- To scrape off top layer of vegetation to 30mm and distribute arisings on site.
- To rake over ground.
- To supply and lay 245m² amenity turf.

- Turf to be laid and watered in on day of completion and then weekly for 3-4 weeks depending on weather conditions.
- To be maintained by the school caretaking staff – bi-weekly mowing April-Sept.

Tree Planting

- Scrape off existing grass to 30mm as marked on Planting Layout plan – total area 1500m².
- All arisings to form mounds on site, including area to Amphitheatre.
- 420 whips and saplings (supplied FOC) – approx. 40cm – 150cm on planting – hand slit planted with canes and rabbit guards supplied.
- 25 saplings (supplied FOC)– approx. 2m on planting – hand pit planted.
- Supply and install 25 tree guards and stakes for saplings.

Picnic Tables x 5

- Dimensions 1830 x 1400 x 750mm.
- Made with single table top.
- Seats 6 people.
- Treated softwood.
- Each table to be bolted to 2 x 100mm x 100m treated softwood posts concreted into ground – 600mm length, 300mm set in the ground at 2 diagonal corners of table.

Benches x 4

- Length of 1830mm.
- To seat 4.
- Treated softwood.
- Each bench to be bolted to 2 x 100mm x 100m treated softwood posts concreted into ground – 600mm length, 300mm set in the ground at 2 diagonal corners of bench.

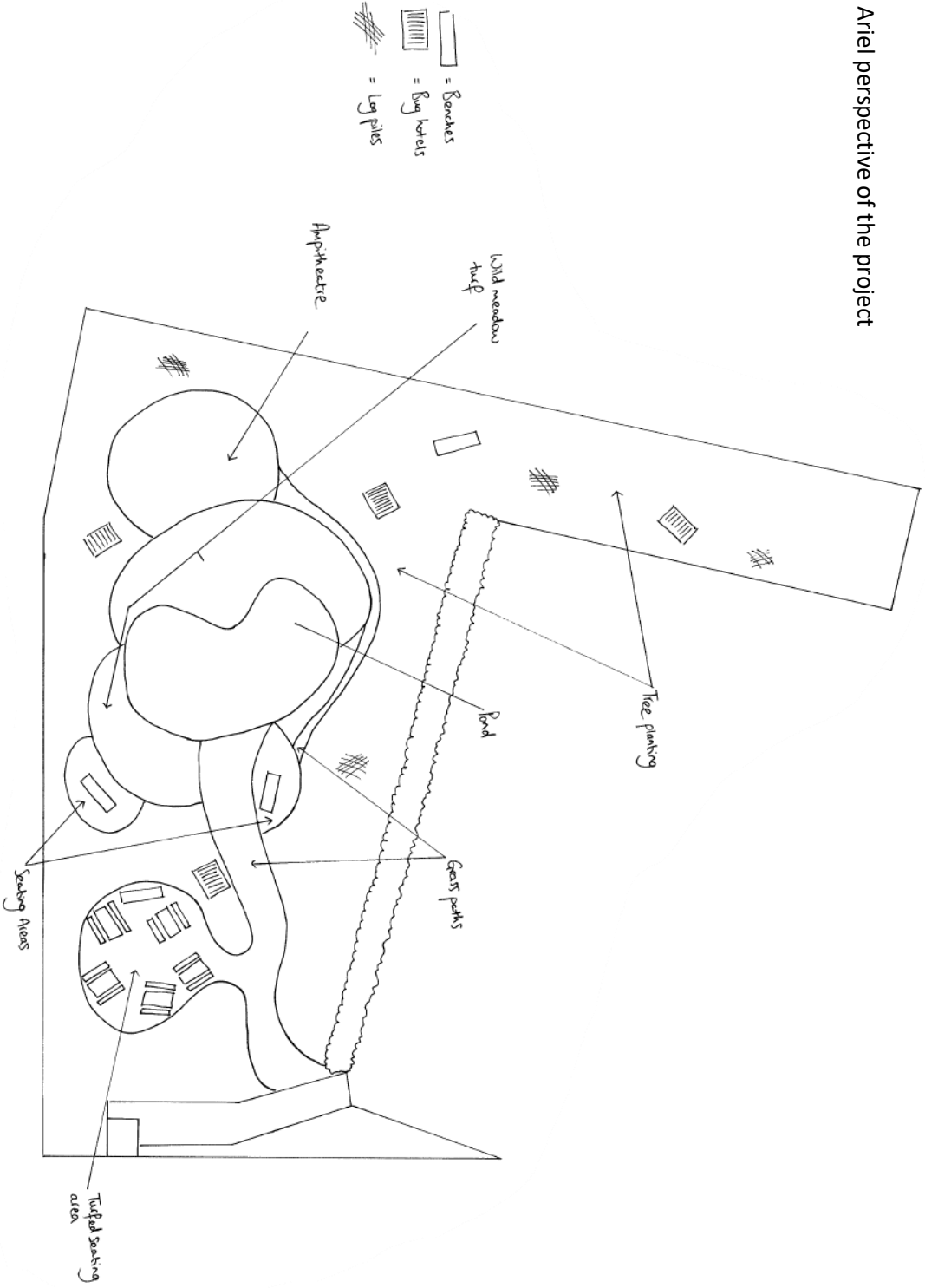
Bug hotels – 4 or 5 – all materials to be donated FOC and constructed by students as part of lesson time

- To create wildlife habitats for small mammals and invertebrates.
- Ideal project for classroom activities – construction then ongoing study.
- Constructed from recycled materials – pallets, old bricks, plastic bottles, bamboo canes, cardboard, stones and pebbles.

Log piles – 3-4 – all logs to be donated FOC and constructed by students as part of lesson time




- To provide wildlife habitats for small mammals and invertebrates.
- Using native tree logs.
- Ideal project for classroom activities – construction then ongoing study.

Ariel perspective of the project



Turf requirements

Key

-  = Fineiry turf (Approx. 245m²)
-  = Existing turf
-  = Wild flowers turf (Approx. 160m²)

