



PAUL HAWKINS DEVELOPMENT

***THE RECONSTRUCTION OF THE EXISTING SYNTHETIC TURF PITCH
AT
GREYFRIARS CATHOLIC SCHOOL
CRICKET ROAD, OXFORD OX4 3DR***

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN (CEMP)

PREPARED FOR
OXFORD CITY COUNCIL

BY

PAUL HAWKINS DEVELOPMENT

MARCH 2024



*GREYFRIARS CATHOLIC SCHOOL
CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN*

1.0 Background

The following Construction Environmental Management Plan (CEMP) is issued in support of the Planning Application for a refurbishment of the existing artificial grass pitch (AGP), fence, floodlighting and associated works at Greyfriars Catholic School, Cricket Road, Oxford)X4 3DR.

This CEMP is provided to:

- Provide effective site-specific procedures and mitigation measures to monitor and control environmental impacts throughout the construction phase of the project
- Ensure that construction activities so far as is practical do not adversely impact amenity, traffic or the environment in the surrounding area.

2.0 Scope of Works

It is proposed to install a new porous macadam base, shockpad and synthetic turf surface to the existing AGP footprint. New floodlight columns will be installed in the same positions as the existing columns and to the same height (15m) as the existing columns. The luminaires will be updated to the LED type.

The proposed site is on the footprint of the existing AGP.

The MUGA would be surrounded by a 3 metre (5m behind goals) high twinbar rebound fence and lockable gates to ensure the facility is used correctly by authorised personnel and to prevent ball loss and surface contamination.

The site, which is an existing school, is accessed from Campbell Road.

The AGP is surrounded by school buildings to the east and south, mature trees to the north and playing fields to the west..

3.0 Management of Vehicle Access/Egress, Deliveries & Loading/Unloading of Plant Material

3.1 Route to site

The route along Campbell Road has a minimum width of 7m.
With cars parked on both sides of the road, available width is in excess of 3m.

3.2 Construction access

Construction access would be from the existing double-gate access on Campbell Road (as shown below) and across the existing playground. All disturbed areas will be re-instated to their original condition following construction. Dilapidation photographs will be taken of the entrance and Campbell Road before works commence.



Campbell Road

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Double gate entrance to site from Campbell Road

Lorries and plant will enter the site in forward gear and accompanied by a suitably qualified Banksman, drive over the existing hard playground (which will be protected) and offload onto the pitch, turn on the pitch and leave the site in forward gear. All vehicles will exit the site in forward gear onto Campbell Road and will be accompanied by a suitably qualified Banksman..

No lorries will be required to turn around on a public road.

No deliveries will be permitted to wait on Campbell Road or any other road in the vicinity. There is sufficient room on the construction site to accommodate several delivery vehicles at any one time. These vehicles will wait until they are able to unload. Any vehicle leaving site will only be authorised to do so when the access is clear and no other vehicle is using it. This will be achieved by the banksman and site operatives via 2 way radio.

4.0 Lorry movements and parking

The following is a schedule of anticipated lorry movements during construction.

It should be noted that the construction, and particularly its latter part, is subject to good weather conditions and so may be delayed in the case of inclement weather.

All vehicles required to travel over unstoned areas will be wheel-washed before departure whilst on the playground area. Resulting slurry will be removed by sweeping/suction and removed from site.

The condition of the public highway will be monitored throughout the construction phase and will be swept when necessary.

Site operatives (2 or 3 vans anticipated) will park on the playground in the initial stages of the project, and on the pitch site if necessary once the base macadam has been installed.

Week 1: 2 No. small wagons for site set-up Max 10T: 8m long x 2.2m wide

2no Low loaders for carpet removal

1-2 transit type vans for labour (per day)

Week 2: 1 No. small wagon for welfare maintenance Max 10T: 8m long x 2.2m wide

1no Low loader for shockpad removal

30 No. 8 wheel wagons for blinding layer removal Max 30T: 9m long x 2.5m wide

1-2 transit type vans for labour (per day)

Week 3: 1 No. small wagon for welfare maintenance Max 10T: 8m long x 2.2m wide

1 No low loader for tarmac laying plant Max 40T: 12m long x 2.5m wide

30 No. 8 wheel wagons for tarmac deliveries Max 30T: 9m long x 2.5m wide

1-2 transit type vans for labour (per day)

Week 4: 1 No. small wagon for welfare maintenance Max 10T: 8m long x 2.2m wide

1 No low loader for tarmac laying plant removal Max 40T: 12m long x 2.5m wide

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4 No. Rigid flat bed for shock pad materials and plant Max 30T: 12m long x 2.5m wide

1-2 transit type vans for labour (per day)

Week 5: 1 No. small wagon for welfare maintenance Max 10T: 8m long x 2.2m wide

2 No. Artic for synthetic surface Max 40T: 18.5m long x 2.5m wide

1-2 transit type vans for labour (per day)

Week 6: 1 No. small wagon for welfare maintenance Max 10T: 8m long x 2.2m wide

2 No. Artic for synthetic surface infill Max 40T: 18.5m long x 2.5m wide

1-2 transit type vans for labour (per day)

Week 7: 1 No. small wagon for welfare maintenance Max 10T: 8m long x 2.2m wide

2 No. Rigid flat bed for floodlighting materials Max 30T: 12m long x 2.5m wide

2 No. Rigid flat bed for fencing materials Max 30T: 12m long x 2.5m wide

1-2 transit type vans for labour (per day)

Week 8: 1 No. small wagon for welfare maintenance Max 10T: 8m long x 2.2m wide

1-2 transit type vans for labour (per day)

Week 9: 1 No. small wagon for welfare maintenance Max 10T: 8m long x 2.2m wide

1 No low loader for tarmac laying plant Max 40T: 12m long x 2.5m wide

3 – 4 transit type vans for labour (per day)

Week 10: 1 No. small wagon for welfare maintenance Max 10T: 8m long x 2.2m wide

2 No low loaders for site clearance Max 40T: 12m long x 2.5m wide

1-2 transit type vans for labour (per day)

5.0 Site Safety and Security Measures

Before the commencement of construction, the contractor will compile and issue a Construction Phase Health and Safety Plan in accordance with CDM Regulations (2015).

The contractor will assume the duties of Principal Designer and will be responsible for maintaining the Construction Phase Health and Safety Plan under review and making changes as and when necessary.

The site compound will contain secure welfare and storage units that will be locked when the site is not in use. All plant and machinery will be locked when not in use.

The compound will be contained within 2m Heras fencing with all panels bolted together. The compound entrance will be locked when the site is not in use.

Correct signage will be used to advise the public and visitors of the construction site.

All visitors will be required to report to the site office to sign in and out and undergo induction and training as necessary.

All operatives will be provided with on-site training for specific activities and safety aspects of all operations will be discussed prior to commencement via method statement briefings or toolbox talks.

6.0 Management of Dirt & Dust

If dust emissions are generated in dry periods the contractor will use water spray to wet the material and suppress the dust. This will be done with a towed bowser.

The site manager will take account of weather conditions and prevailing wind direction when organising operations to prevent and minimise dust nuisance to neighbouring properties.

All site staff will be trained and be aware of the Dust Management Strategy.

The access road and site compound are a mixture of stone and hard packed aggregate and provide a good, clean working platform and should prevent road contamination.

In the event of a complaint from a neighbouring property in respect of dust their concerns will be considered and action taken to prevent future occurrence.

All site staff will have appropriate PPE to protect them from the effects of dust.

7.0 Protection of Existing Trees

There will be no lorry movements or construction activities within the RPAs of any trees.

The RPAs of all adjacent trees will be protected. Protection will be provided in accordance with BS5837-2012.

8.0 Excavation and Ground Works

8.1 Location of underground Services

Prior to commencing excavations the site area will be checked for overhead and underground services. Service plans will be obtained from Utility providers and the site area checked over using a locating device.

Once identified service routes will be identified and clearly marked. If markings are lost during the working operation the exercise will be repeated to ensure service routes remain clearly marked as required for the duration of the works.

Works will be undertaken in accordance with the HSE Guidance Document - Avoiding danger from underground services.

8.2 Excavations

Trenches with a depth exceeding 1m will be either battered back or suitably shored and the shoring maintained.

Trenches will be inspected regularly and excess groundwater pumped out regularly during inclement weather.

Vehicle plant will be kept a safe working distance from the trench to prevent potential collapse. No site staff will work below an excavator.

9.0 Recycling/disposing of waste resulting construction work

The land is an existing AGP so there will be very little waste material from demolition, except for the removal of the existing old shockpad, carpet, fencing and floodlights. All of these materials are recyclable.

In respect of the construction work, the following measures have been identified to minimise the quantity of waste produced during this project:

The experienced site manager will be responsible for identifying and segregating waste on site.

All waste resultant from the works will be segregated on site.

Resultant hard core will be re-used where possible in the substructure.

Re-usable materials will be identified on site and removed for storage and re-sale.

Recyclable materials will be removed from site for processing in licenced facilities.

10.0 Noise Control

Whilst working on site the contractor will adhere to the recommendations of BS 5228- 1, clause 9.3 to minimize noise levels during the execution of the Works.

The project is a relatively simple synthetic turf pitch reconstruction with no notable works which would cause significant noise pollution. The positions of residential housing have been noted and there will be no operation of heavy plant etc. outside normal working hours of 8:00am – 6:00pm.

11.0 Working Hours

Construction work will only take place between the hours of 8:00am and 6:00pm Monday to Friday inclusive and between the hours of 9:00am and 1:00pm Saturday, with no works on Sundays or Bank Holidays, unless otherwise approved in writing by the County Planning Authority.

12.0 Environmental / Biodiversity Method Statement

12.1 Risk Assessments of construction activities.

All construction will take place on the existing AGP. The contractor pound will be on the existing hard courts. All construction access will be over hard paved or stoned areas. As such, there are little opportunities for existing habitats at ground level. It is not anticipated that there will be any disturbance to existing species as a result of construction activities.

The statutory protection afforded by the Wildlife and Countryside Act 1981 (Amended) (Anon., 1981) and Countryside and Rights of Way Act 2000 (Amended) (Anon., 2000) will be adhered to. Where there is evidence that bats, nesting birds or other protected species are present then specialist advice will be obtained prior to the commencement of work to trees.

12.2 Biodiversity Protection Zones.

A search of the DEFRA MAGIC system across all data sets has shown no positive results. See Appendix 1.

12.3 Mitigation and Contingency measures.

A protection zone fence will be established around the site before works commence. The fence will be maintained throughout construction.

In the event that an active bird nest is discovered then this will result in a delay to work until the nest is no longer in use (to be confirmed by a suitably qualified ecologist).

In the event that a hedgehog is encountered within the area to be affected by construction, then work will cease and a suitably qualified ecologist consulted. During construction, any trenches and pits will have an escape ramp in place overnight, to provide an exit route.

If any protected or priority species or their habitats are discovered, a suitably qualified ecologist will be engaged for advice any action they consider necessary.

12.4 Biodiversity Enhancement.

Since the proposal is for a simple replacement of existing structures now at end of useful life, is for an area of less than 1Ha and subject to the de minimis exemption, no additional biodiversity enhancement is proposed.

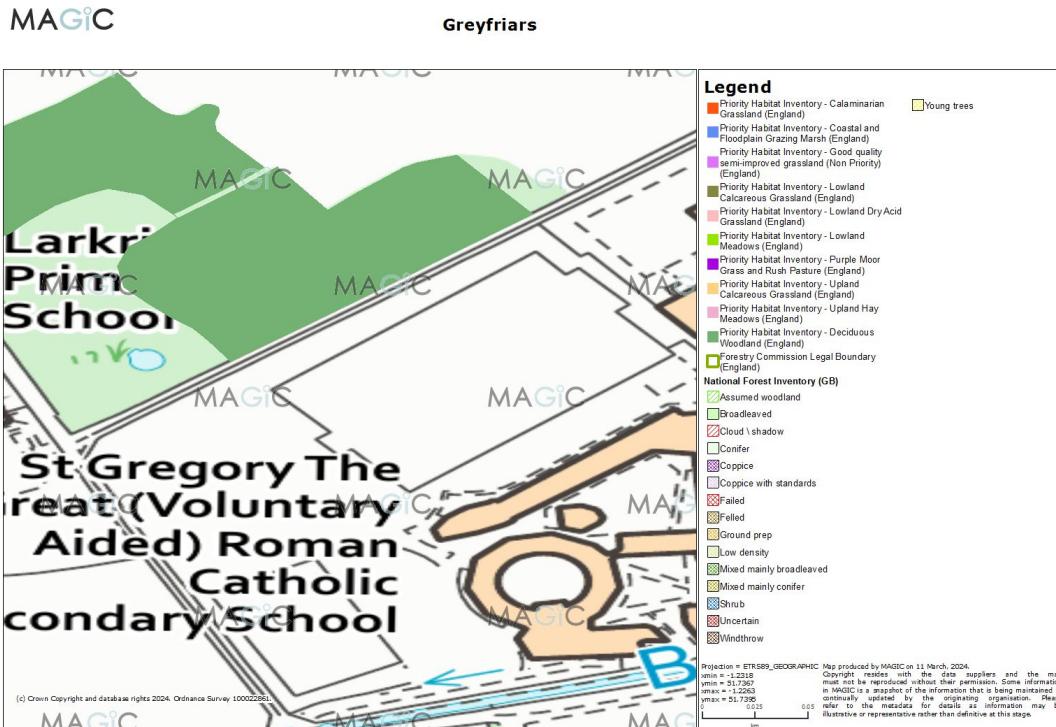
12.6 Plan Management.

The Contractor has full responsibility for implementing this Biodiversity Method Statement, which will be regularly reviewed throughout construction. Bidborough Primary School will be informed of any changes to the plan before implementation. Construction is assumed to commence in summer 2023. A suitably qualified ecologist may be required with regards to reptiles and nesting birds, should vegetation not be maintained short and/or birds are found to be utilising the site for nesting. Any significant variations to the Planning Consent, delays to the planned programme of construction work or subsequent changes in work timing are likely to have a bearing on this Biodiversity Method Statement and in this case a suitably qualified ecologist should be consulted and the Statement modified as necessary to ensure compliance with wildlife legislation.

Dr. Paul Hawkins
11th March 2024.

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APPENDIX 1 – DEFRA MAGIC RESULTS



Site Check Report Report generated on Mon Mar 11 2024

The following features have been found in your search area:

- Priority Habitat Inventory - Calaminarian Grassland (England)**No Features found
- Priority Habitat Inventory - Coastal and Floodplain Grazing Marsh (England)**No Features found
- Priority Habitat Inventory - Good quality semi-improved grassland (Non Priority) (England)**No Features found
- Priority Habitat Inventory - Lowland Calcareous Grassland (England)**No Features found
- Priority Habitat Inventory - Lowland Dry Acid Grassland (England)**No Features found
- Priority Habitat Inventory - Lowland Meadows (England)**No Features found
- Priority Habitat Inventory - Purple Moor Grass and Rush Pasture (England)**No Features found
- Priority Habitat Inventory - Upland Calcareous Grassland (England)**No Features found
- Priority Habitat Inventory - Upland Hay Meadows (England)**No Features found
- Priority Habitat Inventory - Deciduous Woodland (England)**No Features found
- Forestry Commission Legal Boundary (England)**No Features found
- National Forest Inventory (GB)**No Features found
- Woodpasture and Parkland BAP Priority Habitat (England)**No Features found
- Granted European Protected Species Applications (England)**No Features found
- Great Crested Newt Class Survey Licence Returns (England)**No Features found
- Great Crested Newt Pond Surveys 2017 - 2019**No Features found