DESIGN & ACCESS STATEMENT

Barnsley College New Multi Use Games Area (MUGA) Sports Pitch:

Barnsley College, Church Street, Barnsley S70 2AX

Date: 5th November 2021

Revision: C *(05.05.2022)*

Barnsley College

stem Architects Ltd

1.0 Introduction

1.1 Introduction

The following Design and Access statement (DAS) forms part of the submission of Full Planning application to Barnsley Metropolitan Borough Council for the works for; 'Creation of new Multi Use Games Area sport pitch at Barnsley College'

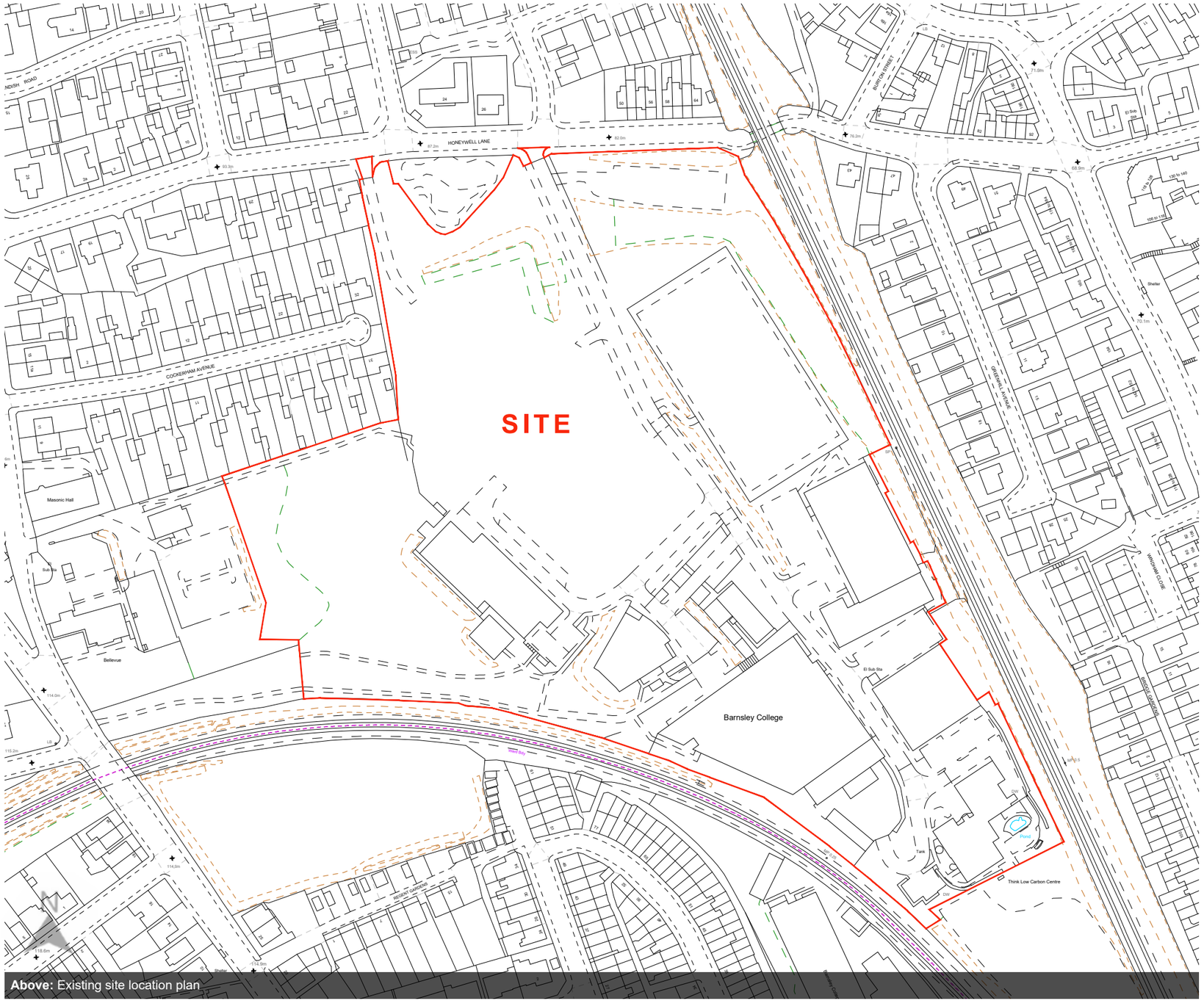
The purpose of this DAS is to provide a detailed account of the proposed development, as well as describing the overarching design principles and aims which have informed the proposals. This statement also considered the current planning policy influences, as set out in The Local Plan and National Planning Policy Framework.

This statement has been updated in line with the repositioning of the proposals following discussion with the planning officer. This includes consideration of the mitigation to neighbouring properties through the repositioning of the proposals.

This document has been prepared by Stem Architects on behalf of Barnsley College.

1.2 Site Location and Surrounding Context

The proposed works are located within the existing Barnsley College Honeywell Campus, situated north of the city centre. The Honeywell campus features a number of sports pitches, sports facilities, refectory, and education buildings such as the construction centre (The Cube) and the Think Low Carbon Centre. Surrounding the site is predominantly residential dwelling and features a railway tracks along the eastern boundary. Photos of the site are included within the Appendix of this document.



Above: Existing site location plan

2.0 Design

2.1 Overview

The purpose of this chapter is to provide a summary of the influences and decisions that have led to the proposed scheme. This explains how the proposed development respects and enhances the chapter and local distinctiveness of the site and wider surrounding area. It also summarises the outcome of mitigation to amend the location of the proposals following discussions with the planning officer.

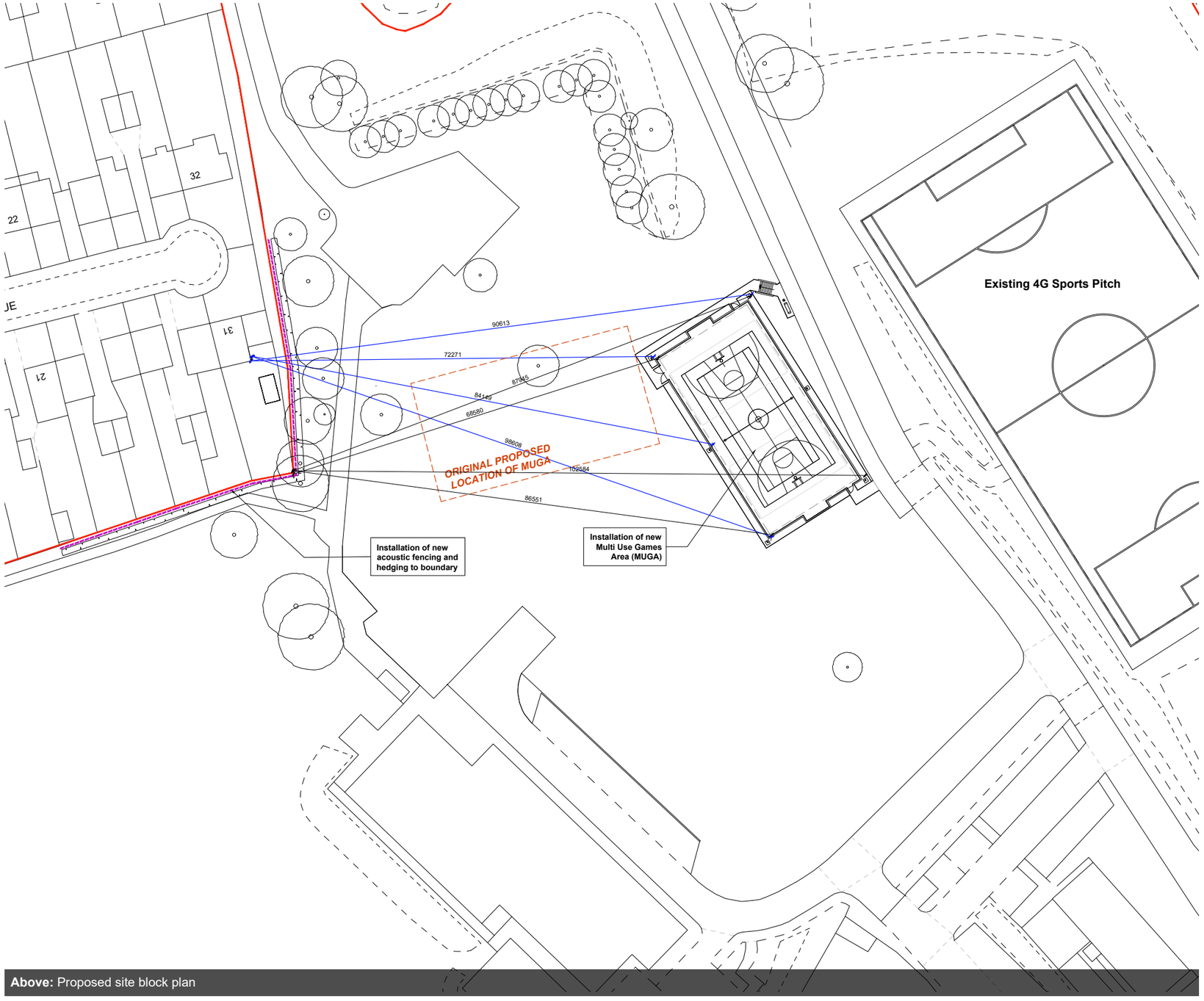
The proposals call for the creation of a new high-quality Multi Use Games Area (MUGA) sports pitch, for use by students of Barnsley College and for public private hire. This forms part of the larger masterplan for the campus to relocate the existing MUGA (adjacent the Think Low Carbon Centre) closer to the other sports facilities, which will enable the existing MUGA site to be redeveloped to provide new educational facilities for Barnsley College (separate planning application).

2.2 Layout / Orientation

The new MUGA would be located within the centre of the campus adjacent to the existing sports academy building. This area currently is a grass field which formerly included a number of buildings until they were demolished circa 2015. This is revised from the previously submitted location to the north of the campus. This revision is described in more detail in this document.

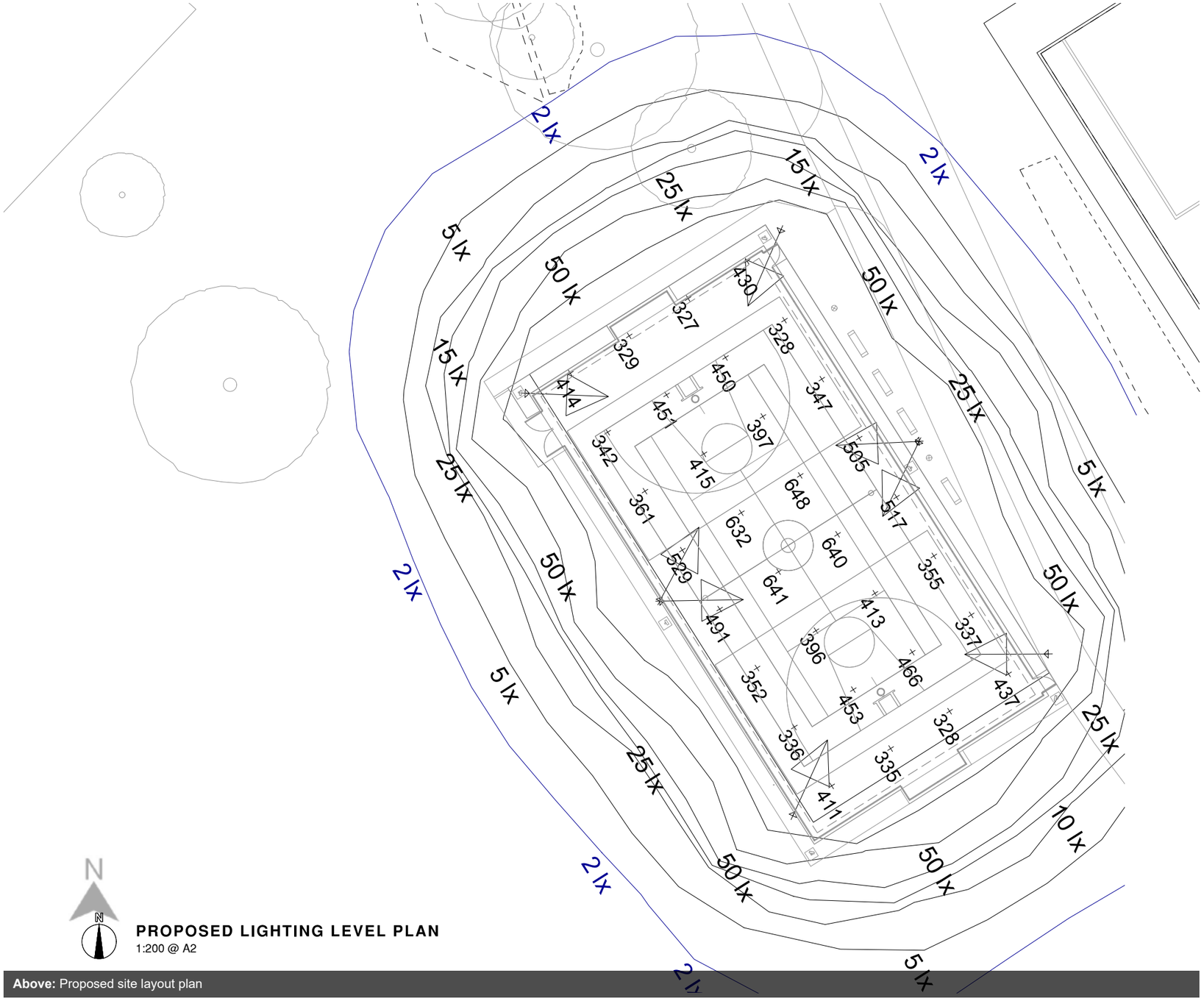
The primary reasons for the sighting of the new MUGA in this location include:

- Situated close to the existing sports academy building, located west of the new MUGA.
- Utilisation of existing car parking and road access connecting into existing infrastructure, situated south and west of the new MUGA.
- Topography of the site area in this location is relatively level compared to other locations within the overall site, in order to minimise associated ground works and remedial landscaping.
- Existing and proposed buildings will further aid in screening lighting and noise from nearby residential properties to the north east.
- The MUGA is sited further away from the boundary in order to mitigate potential light and noise to nearby residential dwellings; in addition proposed hedging/fencing will provide further screening.
- Location of new MUGA will be of minimal hindrance to any potential future development for college expansion of teaching facilitates within the adjacent grass field.



Above: Proposed site block plan

2.0 Design



Above: Proposed site layout plan

2.3 Scale

The proposal include the creation of a single MUGA sports pitch which is approximately (L)40 2m x (W)19.5m in size, and includes a 3.0m high fence enclosure. The MUGA includes 6no. lighting columns which are 8.0m in height.

2.4 Landscaping

The proposals seek to cause minimal disturbance to existing surrounding trees, road and paths. Hedging and acoustic fencing will be installed along the campus boundary to the north west to provide screening from lighting and noise. The MUGA would include new permeable block paved access paths (A), connected to the existing path to the west. The new MUGA would also include new bench seating (B) and bins (C)situated along the south west side.

2.5 External Lighting

The MUGA would include for 6no. 8m high lighting columns (D), to allow for use during evening periods, as per Sport England requirements. Consideration has been given to position the MUGA away from the north western boundary in order to mitigate any potential glare to neighbouring dwellings; further mitigated by hedging, fencing and proposed equipment store to be part of a later planning application.









2.0 Design

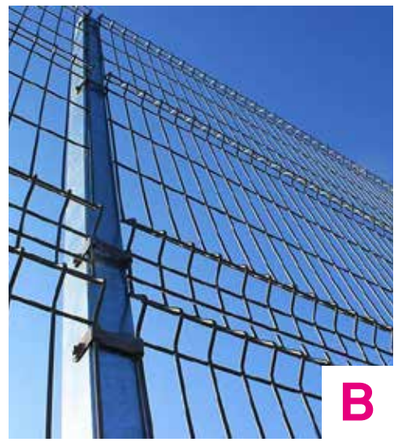
N

2.6 Materials / Appearance

The new MUGA pitch would feature a primarily green/red coloured polymeric rebound playing surface (A), featuring various coloured line markings to denote various game types. This sports pitch would be enclosed by a 3.0m high black coloured Weldmesh fencing (B), featuring black painted plywood rebound board lower section. Solid hoarding will also be used along the entire extent of the north western elevation of the proposed MUGA pitch. The design and specification of the new MUGA sports pitch facility is as per Sport England's requirements. The MUGA would be accessed via 1.2m wide single gates (C) at each end of the south west elevation, or alternately 3.0m wide double gates, which allow for equipment access to the eastern corner.



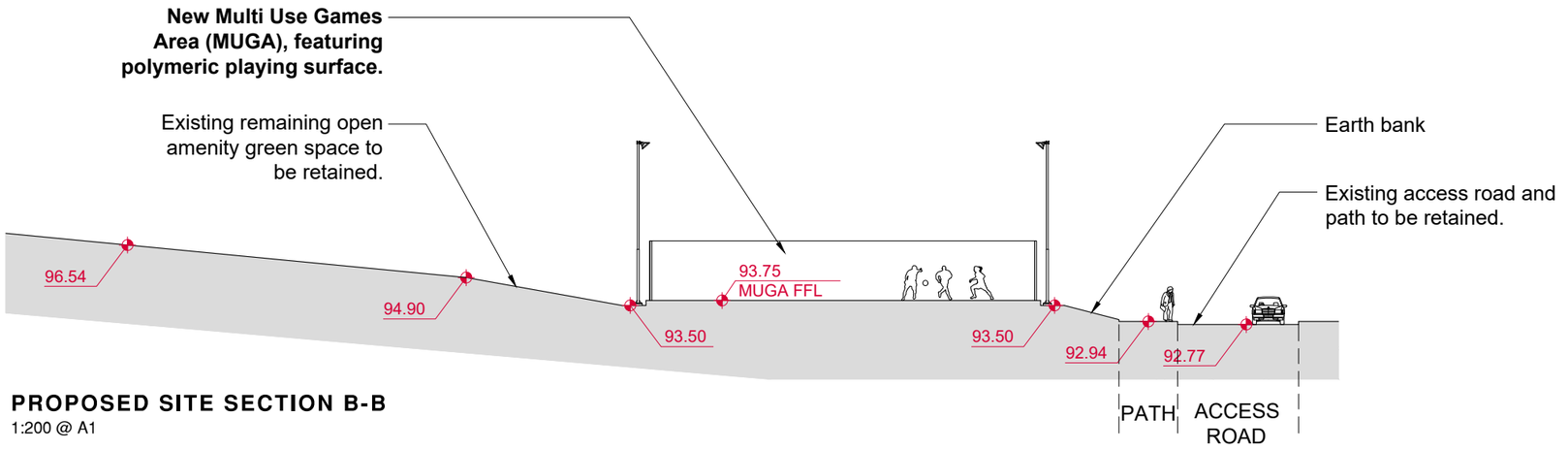
A



B



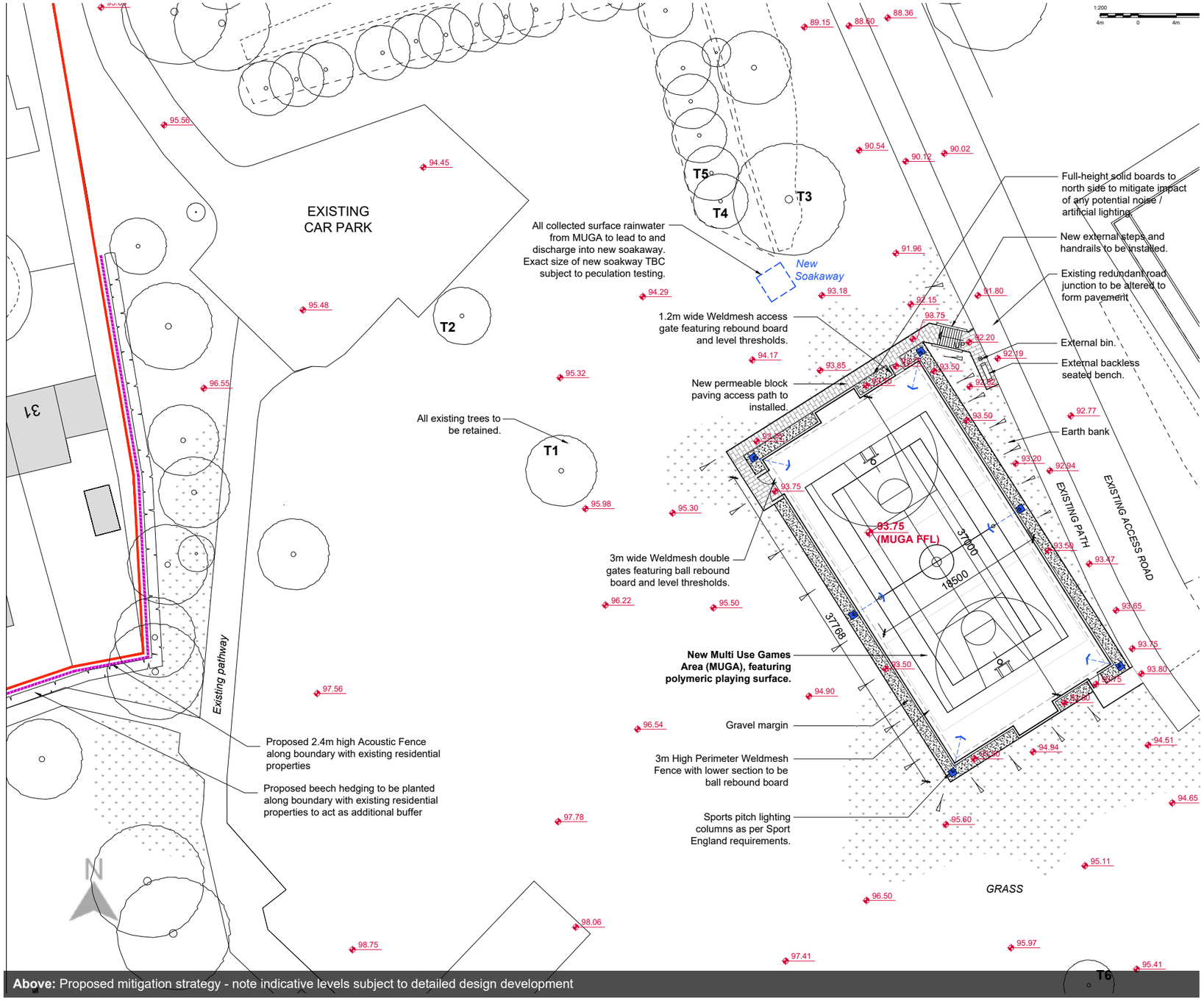
C



PROPOSED SITE SECTION B-B
1:200 @ A1

PROPOSED SITE SECTION (INDICATIVE LEVELS SUBJECT TO DETAILED DESIGN)

2.0 Design



Above: Proposed mitigation strategy - note indicative levels subject to detailed design development

2.7 Design Mitigation

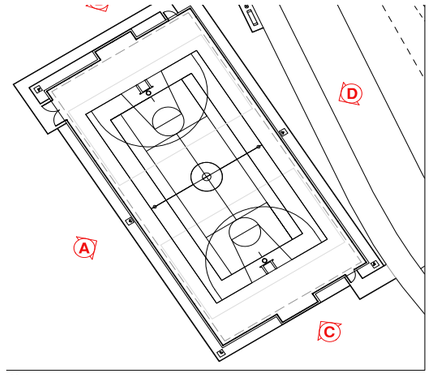
Following concerns from local residents and the planning officer regarding the impact of lighting and noise on residential properties to the north west of the campus; discussions with the planning officer have led to the proposed positioning of the MUGA pitch being relocated adjacent to the existing sports academy building to the south east. See comparison drawing detailing distances from both the former and later positioning of the MUGA pitch.

In addition, and to summarise the proposed mitigation measures include the following:

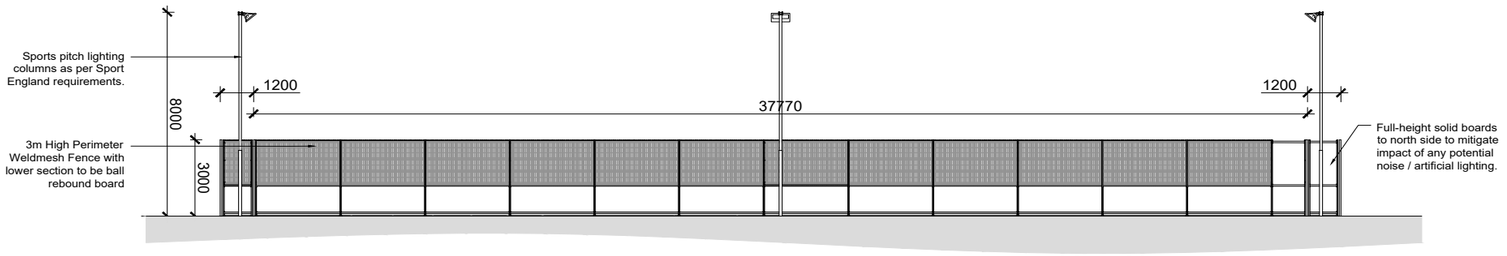
- MUGA pitch repositioned to be in excess of 76 metres from boundary with residential properties.
- Planting of new beech hedging to provide an acoustic buffer to the existing residential boundary.
- Installation of new 2.4 metre high acoustic fencing (A) to provide a further acoustic buffer to the existing residential boundary.
- MUGA pitch to be set at level 750mm below existing road level.
- Construction of new Sports England equipment building (under separate application) immediately north of the MUGA pitch providing acoustic buffer to residential properties.
- North western elevation of MUGA pitch to be made using solid hoarding providing acoustic buffer to residential properties.
- Implementation of management plan (see Section 3).
- Confirmation of the sports that will be played on the MUGA pitch (see Section 3).



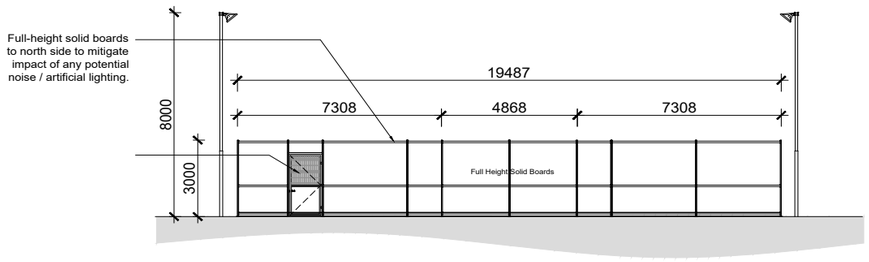
2.0 Design
Proposed MUGA Elevations



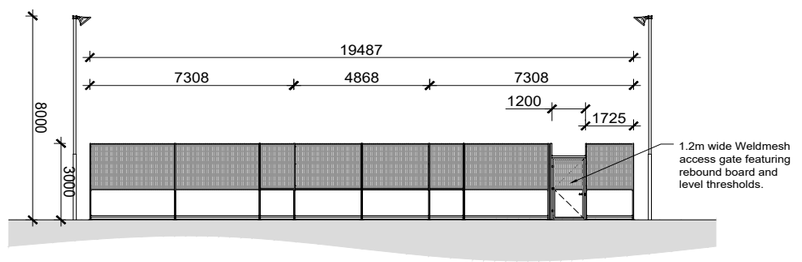
SITE KEY PLAN
NTS



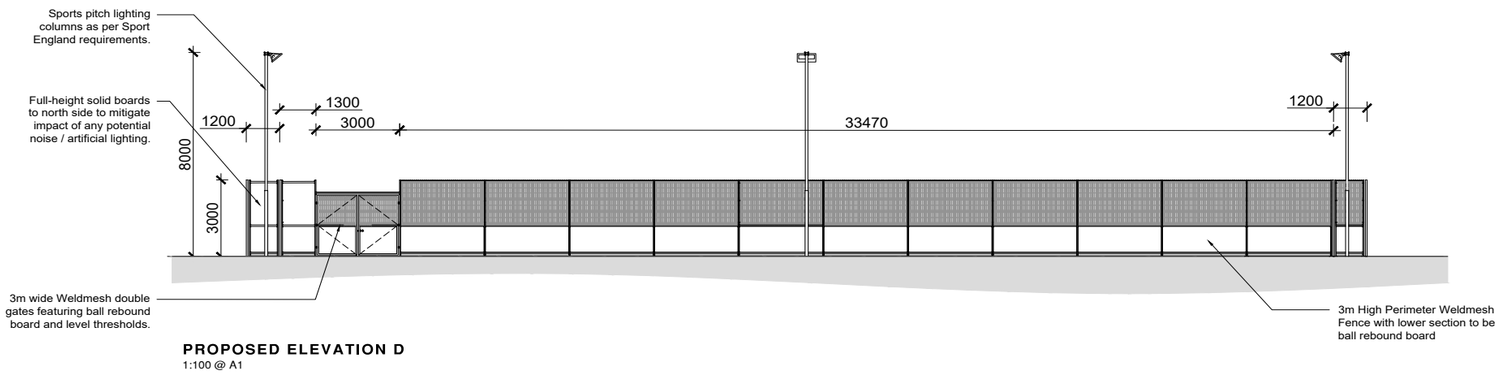
PROPOSED ELEVATION A
1:100 @ A1



PROPOSED ELEVATION B
1:100 @ A1



PROPOSED ELEVATION C
1:100 @ A1

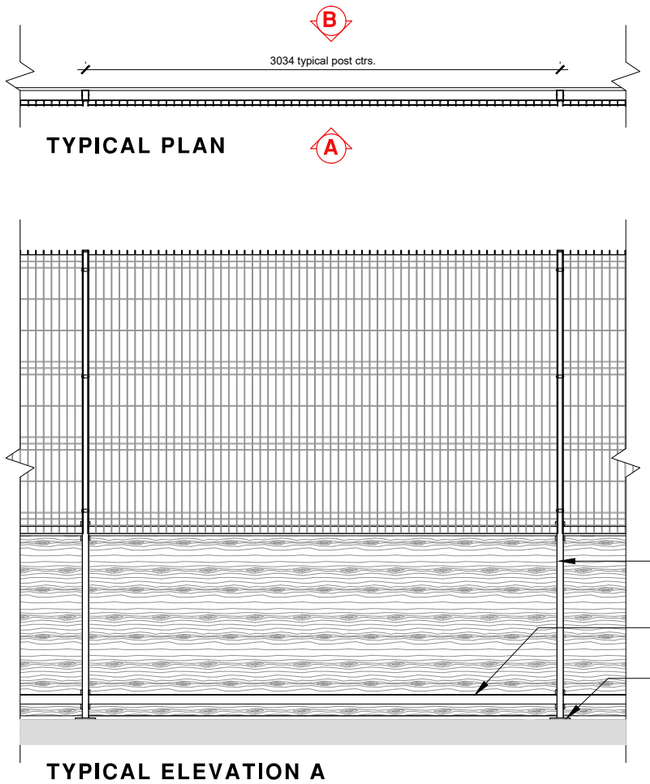


PROPOSED ELEVATION D
1:100 @ A1

:100
2m 0 2m 4m 6m 8m 10m

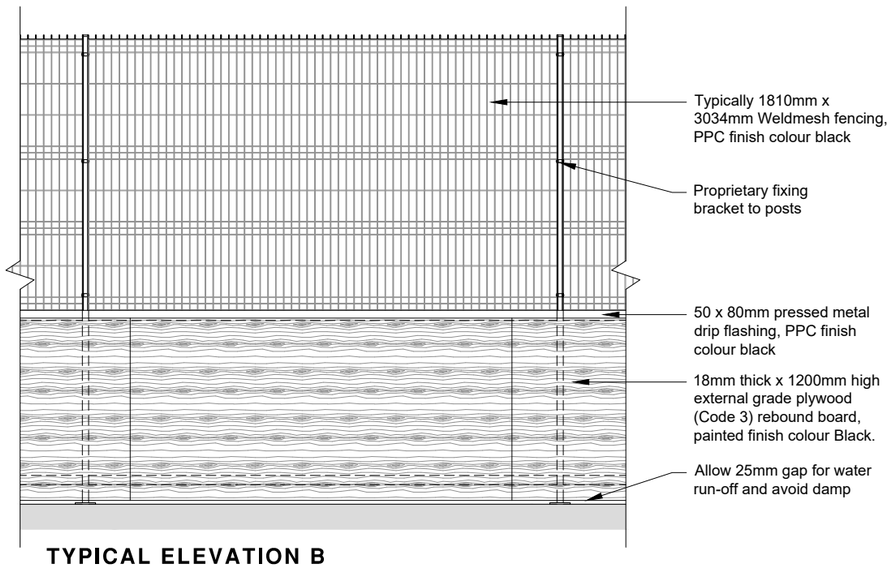
2.0 Design

Proposed MUGA Typical Fence Enclosure Details

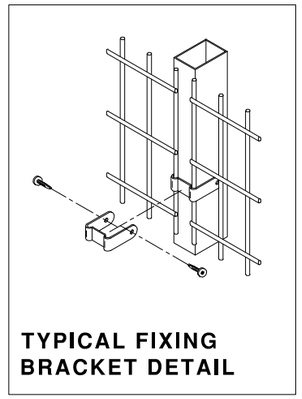


TYPICAL PLAN

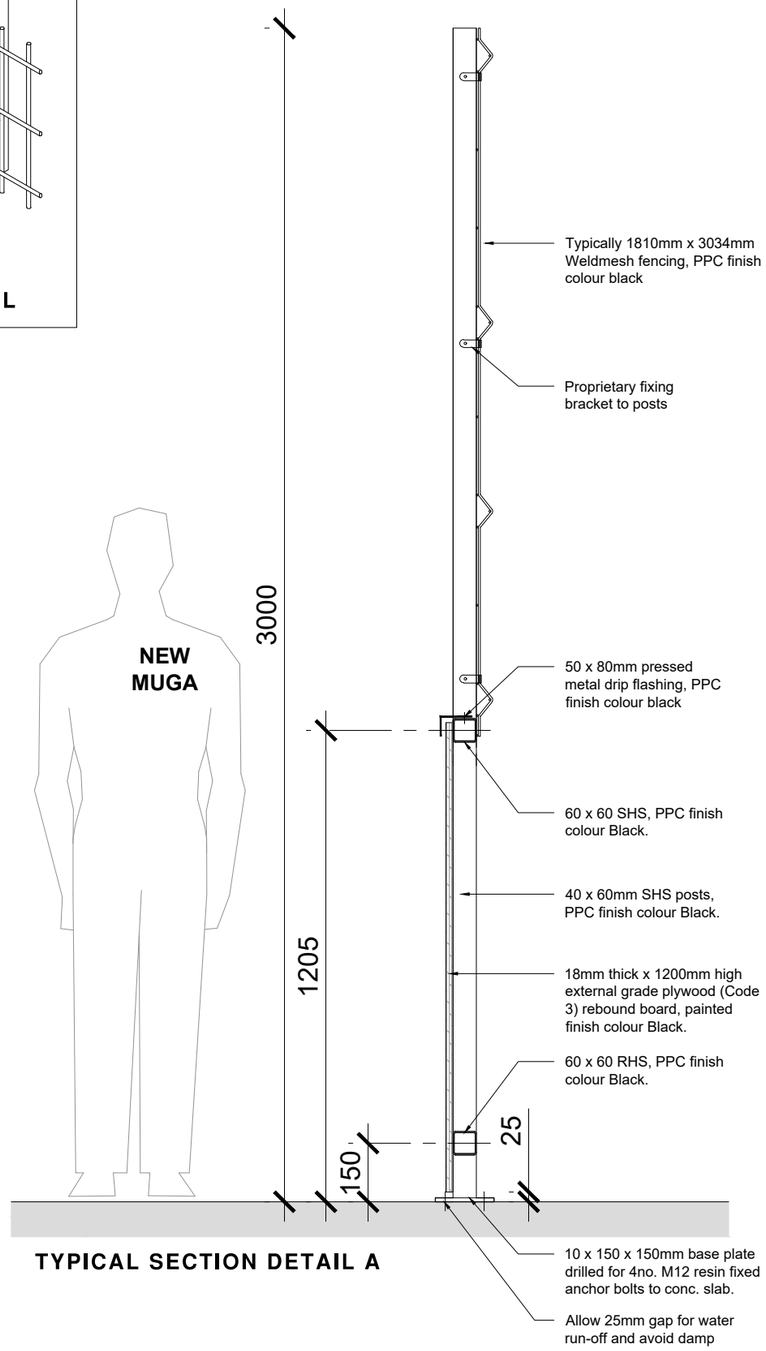
TYPICAL ELEVATION A



TYPICAL ELEVATION B



TYPICAL FIXING BRACKET DETAIL



TYPICAL SECTION DETAIL A

3.0 Management Plan

3.1 Overview
Detailed below are the intentions for use of the new MUGA pitch including the hours of operation, planned usage, timetable of use and use policy.

3.2 Hours of Operation
On a weekday the main hours of use will be between 9am and 5.30pm; with the main focus being supporting the Barnsley College curriculum. From 5.30pm onwards it will be available for use for commercial purposes. The last possible booking in the evening will be completed at 9pm.

The operational hours would vary on the weekend (see adjacent table). Sessions will begin at 9am and go on until no later than 4pm, fitting with the current operational hours of the fitness facilities on the campus.

3.3 Planned Usage
The main use of the MUGA pitch will be based around curriculum activities; this will include sports games and fitness activities such as netball, basketball, fitness testing etc. The evening, commercial provision will mainly be netball, tennis and fitness sessions such as 'bootcamps' and other outdoor fitness classes.

3.4 Timetable
See adjacent table for details of timetabled uses.

3.5 Use Policy
Users of the facility will adhere to the site policies and procedures in place. This will include no foul language, correct equipment used on site and the safe use of the facilities available. Failure to comply will lead to the cancellation of commercial bookings. Misuse by curriculum students will be addressed by Barnsley College staff accordingly.

Operational Hours	Weekdays	Operational Hours	Weekends
09:00-21:00hrs	Students & External Use	09:00-16:00hrs	Students & External Use

PROPOSED MUGA TIMETABLE

4.0 Access

4.1 Approach / Entrances

The MUGA would be accessed via a new block paved access pathway with steps, connected to the existing macadam surfaced access road, situated west from the new MUGA outside the sports academy building. Entry to the MUGA would be via either 2no. 1.2m wide gate (at each end of the south west side) or 3.0m double gate (western corner), which would include level thresholds as per AD Part M requirements via the double gates. Vehicular access to the site would be via the existing access roads and would utilise the car parking provision at Barnsley College Honeywell Campus.

3.8 Summary of traffic transport impact

The new MUGA pitch is essentially a replacement / relocation of the existing MUGA sports pitch on site, which is due to be redeveloped into additional educational facilities (separate planning application). Subsequently the proposal does not feature the increase in number of visitors over the current usage, therefore the impact to public transport and roads would be negligible.

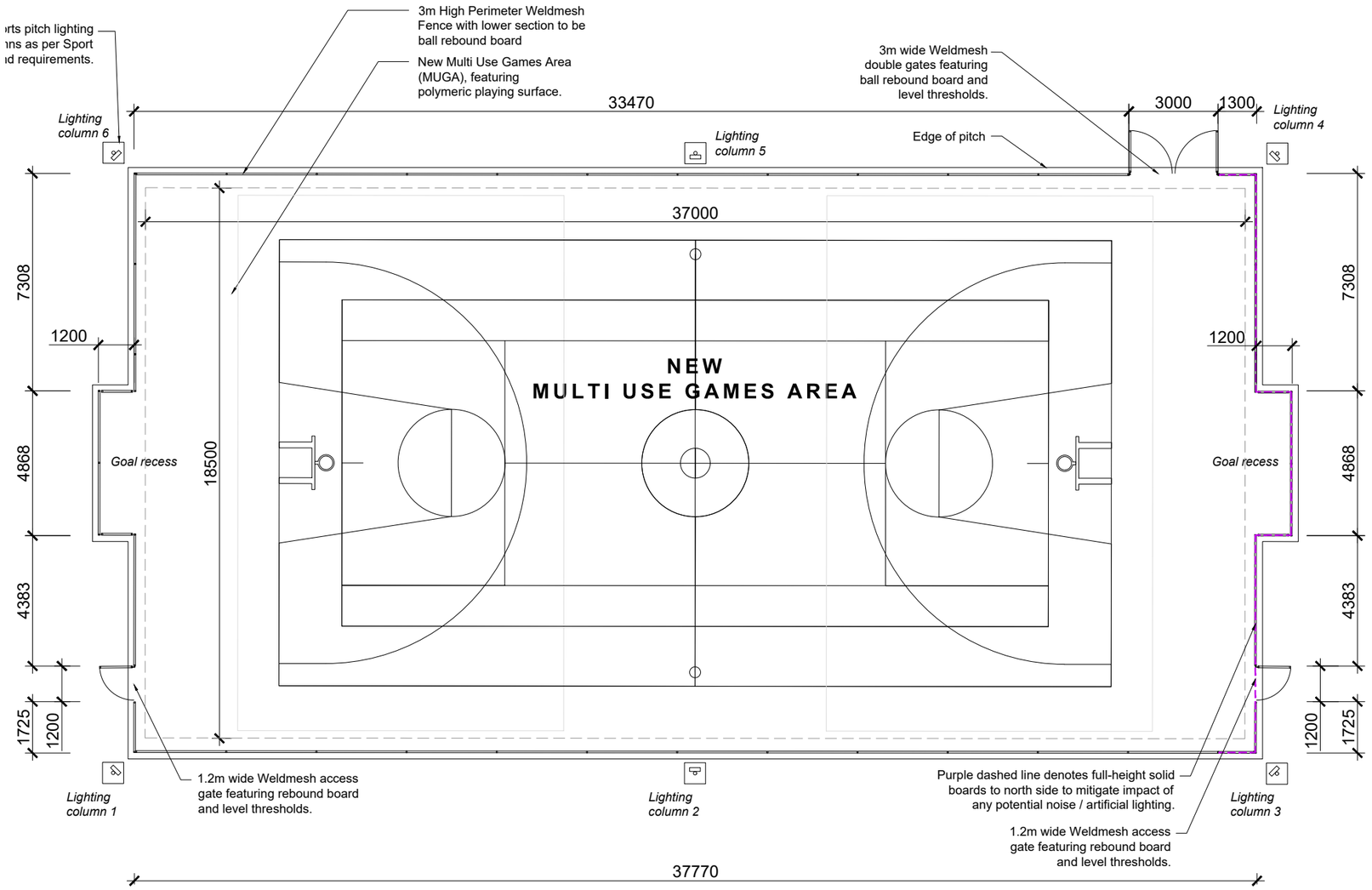
4.1 Refuse

Collected refuse from the new external litter bins would be accommodated within existing Barnsley College maintenance regime and added to the existing arrangements of site waste disposal.

4.1 Drainage

Collected surface water would lead to a channel drains along the edge of the MUGA, which would then lead to and dispose within the existing water course via a new soakaway.

The proposed works to do not include for any requirements for foul waste disposal.



PROPOSED MUGA GA PLAN

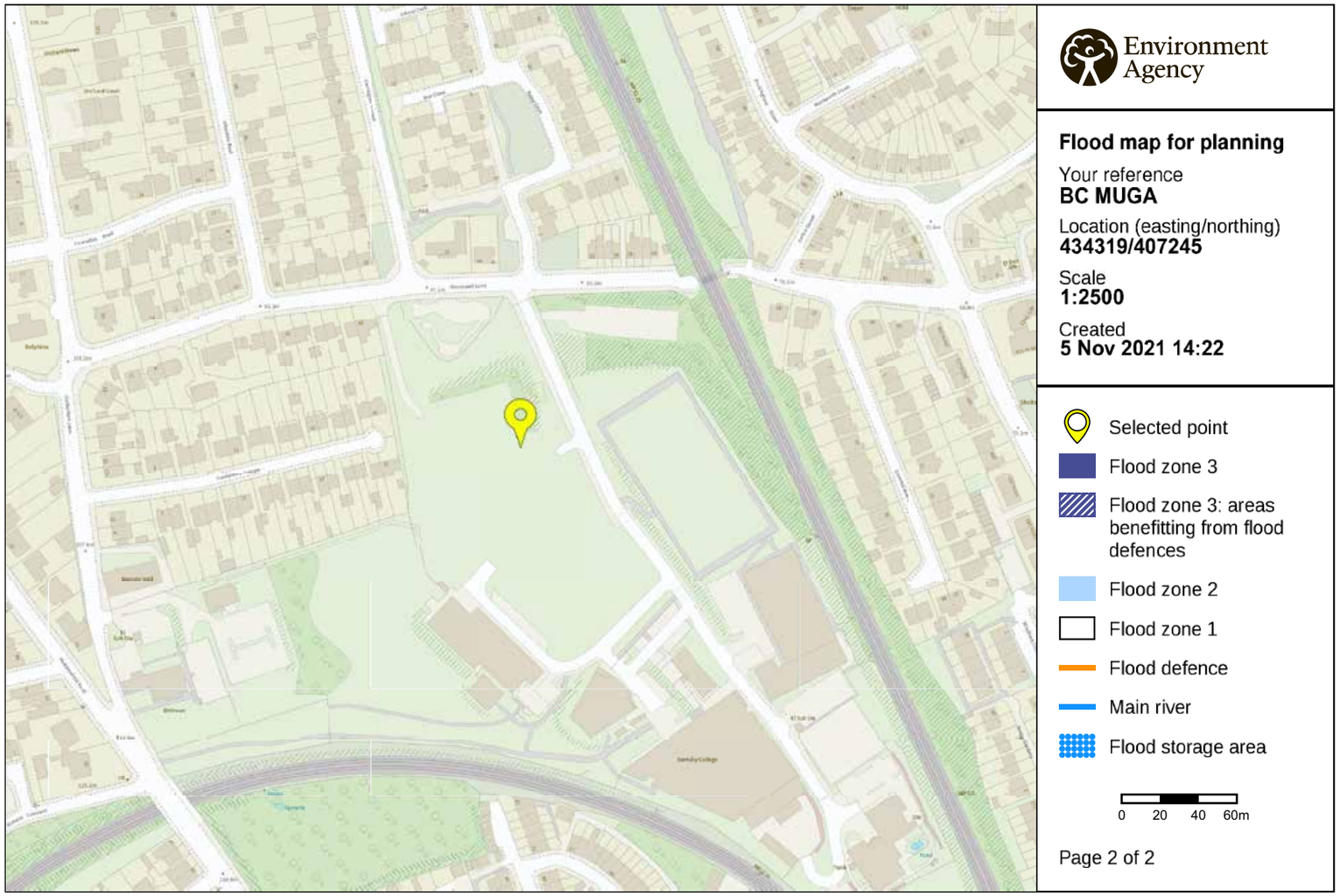
5.0 Environmental Impact & Considerations

5.1 Flood risk assessment

The site is identified as being located within Flood Zone 1, an area with a low probability of flooding. Please see the extract from the Environment Agency flood map opposite. The proposed development is less than 1 hectare and not affected by other sources of flooding and therefore does not require a formal Flood Risk Assessment report.

5.2 Noise / Dust

The proposed works do not include for any demolition of existing buildings or pile foundation,therefore potential impact of noise and dust to surrounding neighbouring dwellings during the construction works would be negligible.



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Above: Flood map extract showing identified flood zones surrounding the application site

5.0 Appendix

5.0 Appendix
5.1 Existing site photographs (taken 20.01.2022)



Above: MUGA sports pitch at Barnsley College Honeywell Campus, facing north-east



Above: MUGA sports pitch at Barnsley College Honeywell Campus, facing east



Above: MUGA sports pitch at Barnsley College Honeywell Campus, facing south-east



Above: Proposed site area for new MUGA sports pitch, facing north-east.



Above: Proposed site area for new MUGA sports pitch, facing west.



Above: Existing access road to sports academy and new MUGA sports pitch, facing east.

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Barnsley College

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