

COLNE VALLEY HIGH SCHOOL

DESIGN AND ACCESS STATEMENT

In support of new synthetic pitch with Spectator area, perimeter fencing and floodlights.

Located at: Colne Valley High School, Gillroyd Lane, Linthwaite. Huddesfield. HD7 5SP.



Ref: MUK1973-DAS

Rev E

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1. INTRODUCTION

1.1 This statement is provided in support of the planning application to replace the former under used Redgra area with a floodlit synthetic football pitch facility. The proposal will also include an asphalt access path, spectator area, goal storage areas, storage container, acoustic fence and perimeter fencing.



1.2 The introduction of this new proposal will expand and improve the facilities available at the School and encourage a wider range of participants.

1.3 This statement briefly analyses the characteristics of the site and surrounding area and is to be read in conjunction with the associated proposed planning drawings.

2. STATEMENT OF NEED

A synthetic turf pitch at Colne Valley High School will provide a good quality football facility that removes weather as a factor and ensures sports fixtures, curriculum activities and general training are not cancelled due to adverse weather or ground conditions. The new facility will replace the area of Redgra surface which is in poor condition to make better use of this currently underused area. The synthetic pitch will also help to raise the standard of play and training opportunities as well as hopefully enhancing pupil's enjoyment of sport.

This facility is expected to be used for other sport training and general physical education activities, as well as providing an all year round surface for football.

The School have prepared a Healthy Pupils Capital Fund Application which outlines in detail the need for a synthetic pitch, explains the local demographics and lists the benefits which the proposal would bring to the School and surrounding area. A copy of Part 1 of this document (Project Need) has been included with the planning submission as supporting documentation.

Benefits arising from this project

This proposal aims to create a facility which supports the delivery of high quality sport and recreational play by :-

- Providing a facility with a suitable surface that can be used in most weather conditions.
- Providing good quality equipment within an organised and controlled environment.
- Allowing standards in performance to be raised, encourage good social interaction and a general improvement in overall health.
- Providing the opportunity to periodically arrange specialised coaching sessions to further improve skills and performance standards of users.
- Introduce an additional facility into the area for the benefit of the local community.

Proposed Opening Hours

The proposed facility will be for both School and community use. It is proposed to have the following hours of use which is in line with similar facilities.

Monday to Sat 8.00am – 6.30pm.

Sunday and bank holidays – No use

School core times are 8.00am to 16.30pm.

Refer to Proposed Hours of Use document that accompanies this application.

3.0 BACKGROUND AND LOCATION

Colne Valley High School is part of the Pennine Sports Partnership of 12 Secondary Schools and over 70 Primary Schools. It is a mixed co-educational secondary school for pupils aged 11 -16 years which was founded in 1956 and more recently converted to academy status in 2014. 1200 students presently attend the school although the school has capacity for an additional 235 pupils.

The school site is located in Linthwaite within the Colne Valley from which the School name originates, high up in the Pennines, approximately 5 km to the south west of Huddesfield, with the A62 between Huddesfield and Oldham approximately 0.6km to the north west and the M62 motorway approximately 4.5km also to the north west. The School is surrounded by open countryside, agricultural land and residential properties to the west. Crossland Heath golf club, Johnsons Wellfield Quarries Ltd and Crosland Moor Airfield lie directly to the east with Blackmoorfoot Reservoir to the south. Refer to drawing MUK1973 – 05 for Proposed Location Plan.



The proposal site has good highway network links via the existing road network, cycle ways and local bus routes. The nearest bus stops are located along Gillroyd Lane approximately 130m to the south and 230m to the north of the School entrance. The nearest railway station is Slaithwaite which lies just over 2 kilometers to the west and connects Huddesfield with Manchester Victoria.

There is a public footpath approximately 20m away to the south of the proposal between Gillroyd Lane to the west and Heath Road to the east.

4.0 PROPOSAL DESIGN STATEMENT

4.1 The proposal takes the form of a synthetic pitch with line markings for football, asphalt spectator and goal storage areas, 4.5m high perimeter fence and floodlights. The new artificial pitch will replace the existing Redgra surface. Refer to Block Plan drawing MUK1973-02 which indicates the proposed layout. Existing vehicular entrance and paths are to be retained with an additional maintenance/emergency access introduced to link the new facility to the existing infrastructure. Drawing MUK1973-01 indicates the proposed layout in respect of this application.



4.2 The design consists of the following:-

- 79 x 52m synthetic pitch area which includes 3m run off. 9 v 9 football pitch playing area (73 x 46m) denoted by 80mm wide white line markings, 7 v 7 yellow tabs and 2 no. half court pitches (46 x 34.5m) with 7 v 7 boxes denoted by 80mm wide blue line markings for hiring out purposes and 4 no. 5 v 5 pitches (34.5 x 21.5m) denoted by 80mm wide red line markings.
- Surface to consist of a sand and rubber infill 3G synthetic carpet system.
- The area is to be enclosed by 4.5m high twin bar sports rebound fencing with rubber washers to reduce vibration and noise, single and double gates to afford both general

access as well as access for maintenance and emergency purposes. Spectator area to have 1.2m high twin bar rebound fence, rising to 2m high behind goals. Western elevation to have 2m high twin bar fence with a 4m ball stop netting over – total height 6m.

- 3m high divide net with divide net recesses has been incorporated to allow cross court pitches to be used independently and prevent disturbance to the adjacent playing area.
- Access to be via the double entrance gate off the new link path or the double gate adjacent the Sports Hall with two further single gates on the opposite side of the pitch. Two low level double gates and one low level single gate afford access to both cross court pitches from the Spectator area. Maintenance and emergency access to be provided via the set of double gates off the new access path immediately adjacent the existing floodlit AGP.
- A 4m wide porous asphalt spectator area to the north of the pitch and 4 no. 6 x 2.5m porous asphalt goal storage areas are also incorporated in the design along with a set of 9 v 9 fence fixed fold out goals at each end of the pitch.
- A 2.44 x 6.10 x 2.59m high storage container is to be located in the corner of the Spectator area, as indicated on the plans.
- New 4m wide maintenance access to be porous asphalt with 50mm wide concrete edging kerbs.
- Fencing and Floodlight columns to existing adjacent AGP to be retained and protected.
- Existing Redgra surface below proposed synthetic pitch to be removed. Existing remaining Redgra to the perimeter of the proposed pitch to be retained.
- Floodlighting to new pitch to consist of 6 no. galvanized 10m high floodlight columns with OSRAM LED FL 20 MAXI luminaires to provide the required light levels for the new pitch whilst controlling light spill, glare and upward light leakage. See drawing MUK1973-08 for floodlight spillage.

It should be noted that the Floodlight Spillage plan shows spillage on a flat site and does not take account of any tree screening or buildings.

- Given the location of the proposed pitch, the levels will only require minor adjustment. See drawing MUK1973-06 for proposed Construction detail.
- The nearest residential properties are approximately 15m away to the west of the proposal behind mature tree/hedge screening. An Acoustic Report has therefore been produced by Hoar Lea dated 24th September 2018 which accompanies this application. As mitigation for any increase in noise levels a 2.4m high close boarded timber fence with gravel boards has therefore been introduced into the design. See drawing

MUK1973-03 for details.

5.0 LANDSCAPING

All existing hedges/trees adjacent the proposal site are to be retained and therefore require protection throughout the construction process. These existing hedges/trees will assist in visually screening the new facility.

The land and levels to the east of the existing Redgra area rise significantly, as can be seen from the photographs below.



View from rear of Sports Hall looking east towards Heath Road



View of slope to the east of the proposal site

Neighbouring properties along Gillroyd Lane sit lower than the proposal site and therefore the introduction of an Acoustic fence (as mitigation for any increased noise levels) should be particularly effective, especially with the retention of the existing tree/hedge screening. As for floodlights, column heights are proposed to be 10m high in line with the floodlights on the adjacent MUGA and the proposed new LED lamps will be fitted with cowls to limit any light spillage.



View of tree/hedge screening to the west of the proposal site



Existing view from Heath Road looking South West towards Colne Valley High School.

Alteration to the existing site levels is minor and therefore the amount of excavated material will be minimal. Excavated material from the proposed pitch is to be retained on site and spread over the remaining Redgra areas.

6.0 ACCESS STATEMENT

6.1 Access

The proposal site is to be accessed via the existing access points. The section of road immediately adjacent the School Entrance has a 30mph speed limit with traffic calming along Gillroyd Lane.



View of existing School Entrance from Gillroyd Lane looking East.



View of Gillroyd Lane looking north towards entrance.



View of Gillroyd Lane looking south towards entrance.

A new porous asphalt link path/access is proposed to connect the proposal site with the existing infrastructure and buildings. This will run along the eastern side of the existing MUGA and connect up to the existing car park area.

6.2 Parking

Existing School car parking spaces including disabled and drop off parking provision is to be utilised by the new proposal. New pitch parking to generally be provided via the car park adjacent the existing MUGA and Sports Hall. See drawing MUK1973-02 for details. The new pitch will be used by the School during the day and by local clubs/groups in the evenings and at weekends. It is therefore considered that additional parking provision will not be necessary as evening and weekend parking will be provided via spaces normally used by the School during the day.

6.3 Temporary Construction Access

Construction traffic associated with the new pitch will use the existing entrance off Gillroyd Lane for both Contractor's access and deliveries. Deliveries to be restricted to outside of peak times and road surface to be kept clean at all times.

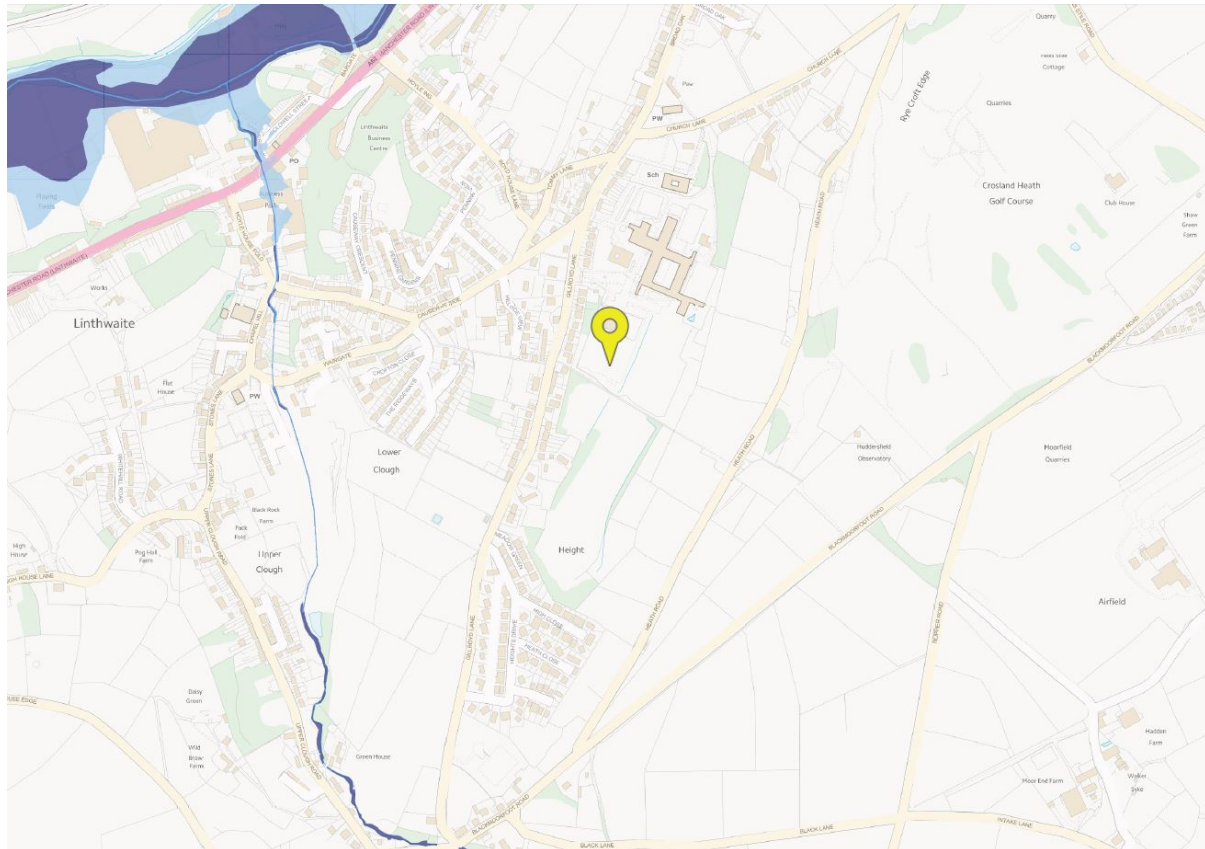
All disturbed surfaces to be made good on completion of the works.

Heras fencing to be provided to secure the site and segregate pupils, staff, visitors and public from the construction operations throughout the contract period.

Existing trees, fencing and floodlight columns to be protected from damage throughout the construction process.

7.0 FLOOD RISK / DRAINAGE INFORMATION

For risk of flooding refer to flood probability map which accompanies this application.



Given the proposal site is within Flood zone 1 and under 1 hectare in size a flood risk assessment has not been included as part of this application.

The surface and sub base for the new pitch, spectator area, path and hardstanding areas is porous with surface water from the pitch being stored in the base and collected by the proposed new drains which then discharge into the existing drainage system.

Attenuation to be provided via the porous pitch construction and thus the outflow rate will be no greater than existing.

8.0 USE

The proposed facility is to be installed and maintained by the School. Its priority is to provide sport and play provision for pupils and the local community, as outlined in the Statement of Need Summary (Section 2) above and the accompanying Healthy Pupils Capital Fund Application – Part 1 (Project Need) document produced by the School.

A draft Community Use Agreement has been included with this application and in line with normal practice, the Academy are happy to engage with Sport England/the Council in agreeing the Community Use Agreement as a pre-usage planning condition.

9.0 SUMMARY

9.1 The proposal will provide the School with an additional all weather facility in line with the existing usage of the land that will be available seven days a week and throughout the entire year (irrespective of weather conditions), enabling an intensification of sporting uses and increased access to a wider range of participants.

9.2 The proposed site will be partially screened by the existing tree/hedge screening and the existing access to/from the site will not be affected by the proposal.

9.3 The hours of use proposed for this facility are below other similar facilities and given the sites current use and the proposed noise mitigation measures introduced it is not envisaged that the proposal will impact on existing properties.

9.4 The introduction of ball stop netting to prevent ball loss and a reduced floodlight design to minimize any light spillage will also result in minimal impact on adjacent properties.

We therefore respectfully request that planning permission be granted for this new and improved facility which will be of significant benefit to the School and wider local community.

10.0 SUPPORTING DOCUMENTS

List of application drawings and documents are as follows:

MUK1973-01 rev G	Proposed Plan
MUK1973-02 rev C	Proposed Block Plan
MUK1973-03 rev F	Proposed Fence Layout
MUK1973-04 rev B	Proposed Drainage Layout
MUK1973-05 rev C	Proposed Location Plan
MUK1973-06	Construction detail
MUK1973-07 rev D	Proposed Elevations

HLS04383 120Lux Horizontal spill – Floodlighting plan
HLS04383 120Lux Vertical spill – Floodlighting plan
HLS04383 75Lux Option – Floodlighting plan
HLS04383 - Lighting Impact Study rev B
MUK1973 – Floodlight example
MUK1973 -Osram FL 20 Maxi

MUK1973 – Existing hours of use
MUK1973 – Proposed hours of use rev E
MUK1973 – Design and Access Statement rev E
MUK1973 – Materials and finishes
MUK1973 – Code of Conduct Handbook
MUK1973 – Existing Photographs
MUK1973 – Healthy Pupils Capital Fund Application Project Need
MUK1973 - Noise Impact Assessment rev 3
MUK1973 – Acoustic Fencing spec
MUK1973 – MFG letter 11-02-19