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01 Introduction

Proposed ancillary works areas A & B :

A – Yr 11 Dining Hall conversion to Science Lab & improved circulation

B – Dining Hall extension & External Covered Eating Area

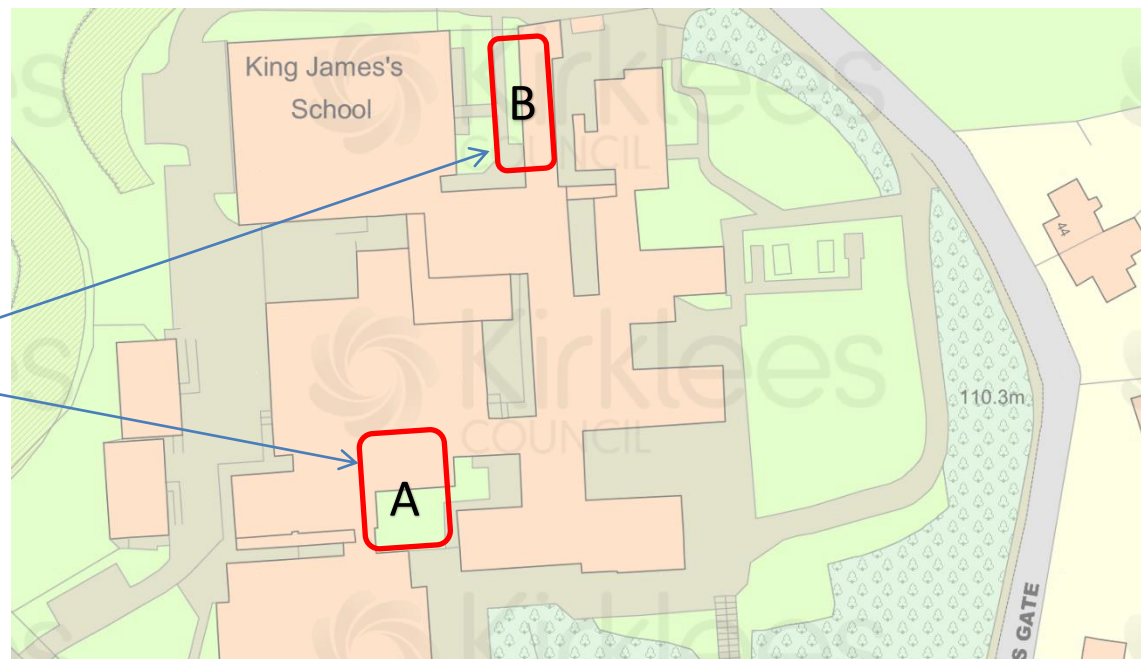


Figure 01_Location Plan showing school site extents

This Design & Access Statement has been prepared by Kirklees Council, Economy and Skills, Capital Delivery Team, in support of an application for improvements at King James's School, St Helen's Gate, Almondsbury, Huddersfield, HD4 6SG and accompanies a Full Planning Application to provide an additional Science Lab, improved circulation at area A above and enlarge the existing Dining Hall extension & providing an external Covered Eating Area at area B.

01 Introduction

Light green dashed line shows existing car parking to front of former Stable Block which will remain unchanged as part of the proposals.

Red dashed line shows proposed site of external works to form new stepped access to rear to former stable block and created external covered eating area outside the extended lower dining hall

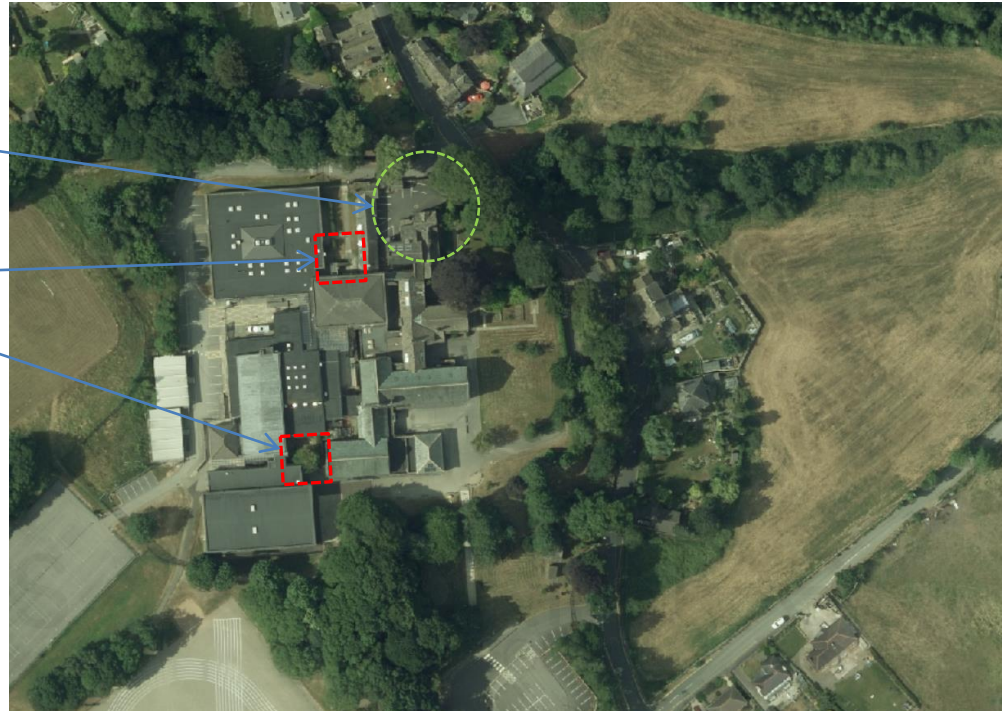


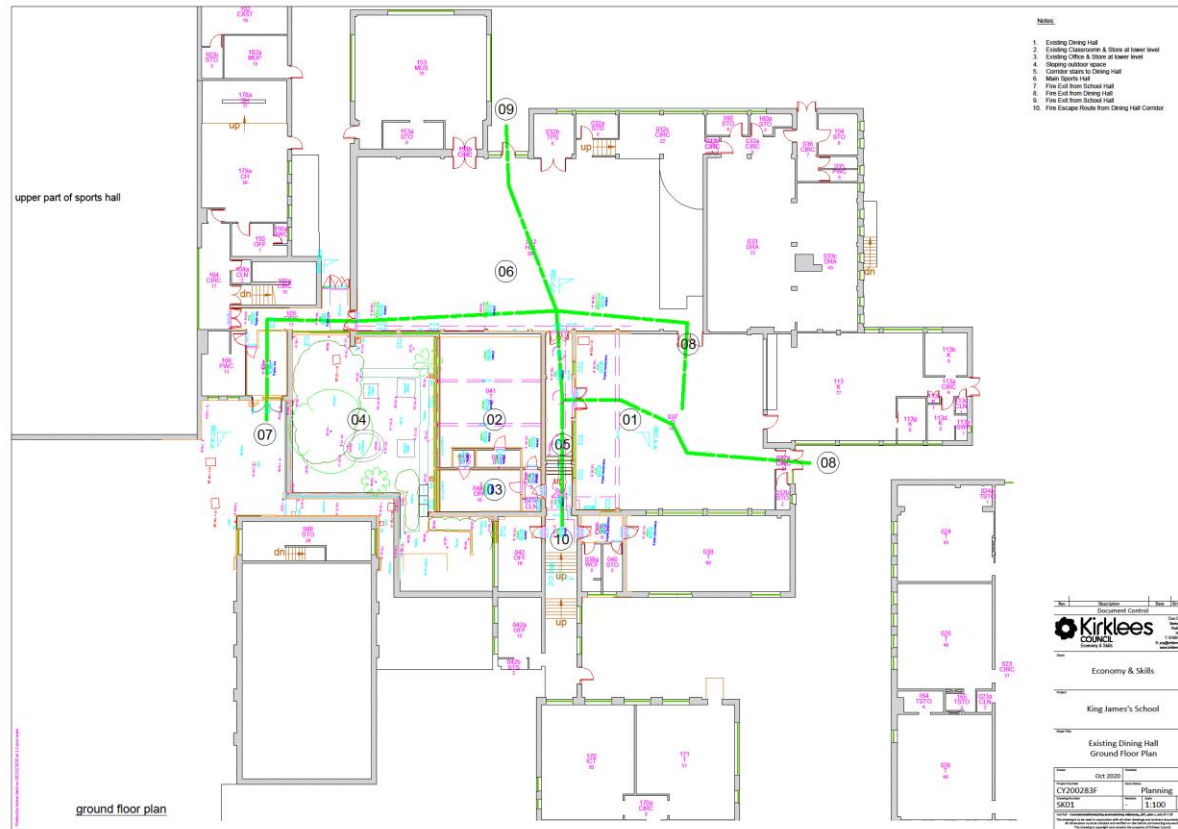
Figure 02_Aerial photo showing proposed location of external works

The works to the school include an additional science laboratory to support the needs of students to learn the sciences. After a review of the school premises and design development, the application includes the conversion of what is now a dining space to a science laboratory classroom for up to 32 students.

King James's School, St Helen's Gate, Huddersfield HD4 6SG

Design & Access Statement – Proposed Ancillary Works

02 Proposal Area A



There is existing pressure on dining capacity at the school and the loss of dining space to accommodate the science classroom requires an expansion of the dining provision. The application therefore includes; modifications to the existing dining room, conversion of an adjoining classroom to dining space and construction of a covered paved area for external dining space.

Figure 03_Existing Dining Hall, Classroom, office & stores with adjacent outdoor space and circulation routes

02

Proposals Area A – existing layout

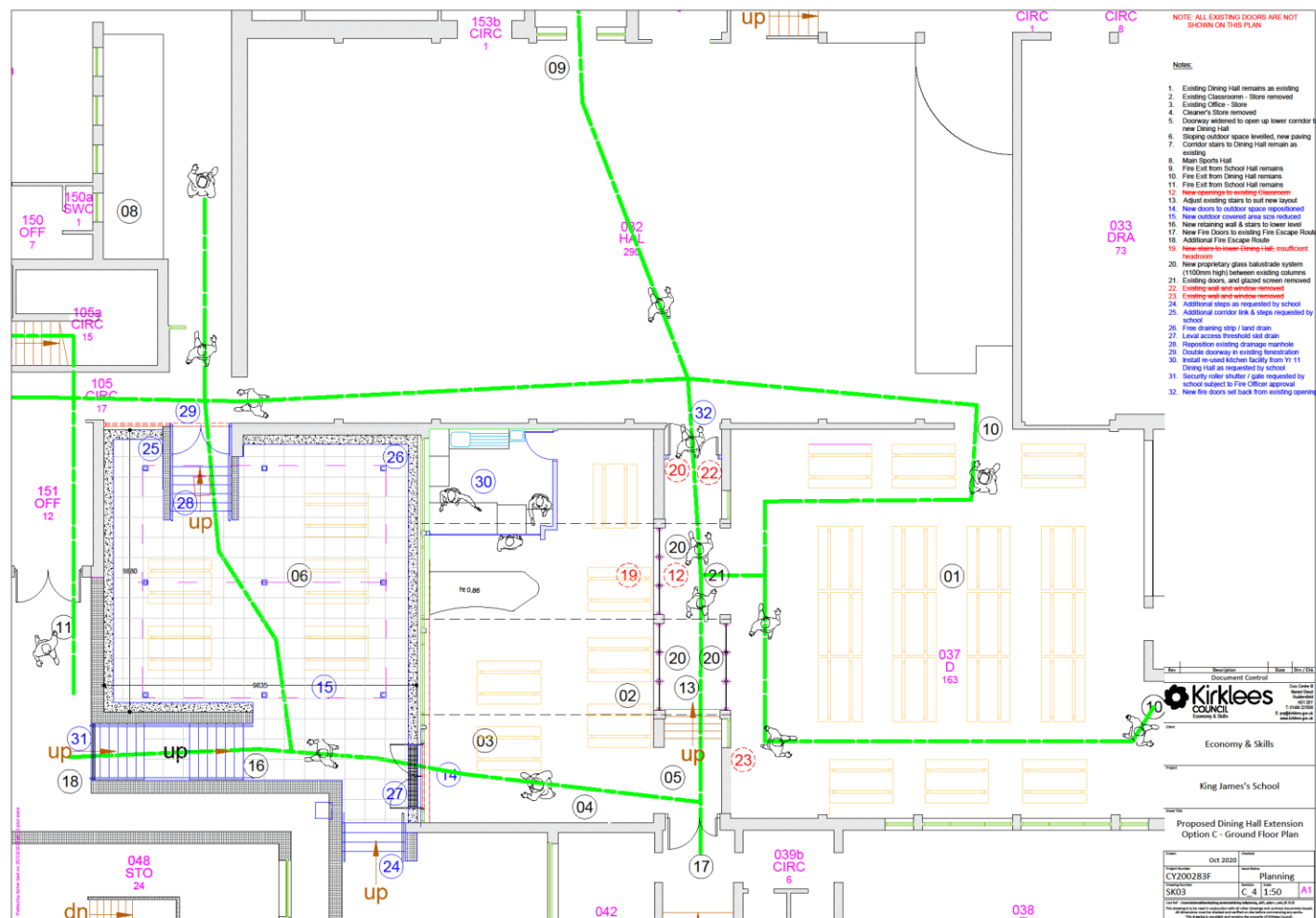


Figure 04_proposed lower dining hall, covered outdoor space and improved circulation routes

02

Proposals Area A – proposed layout

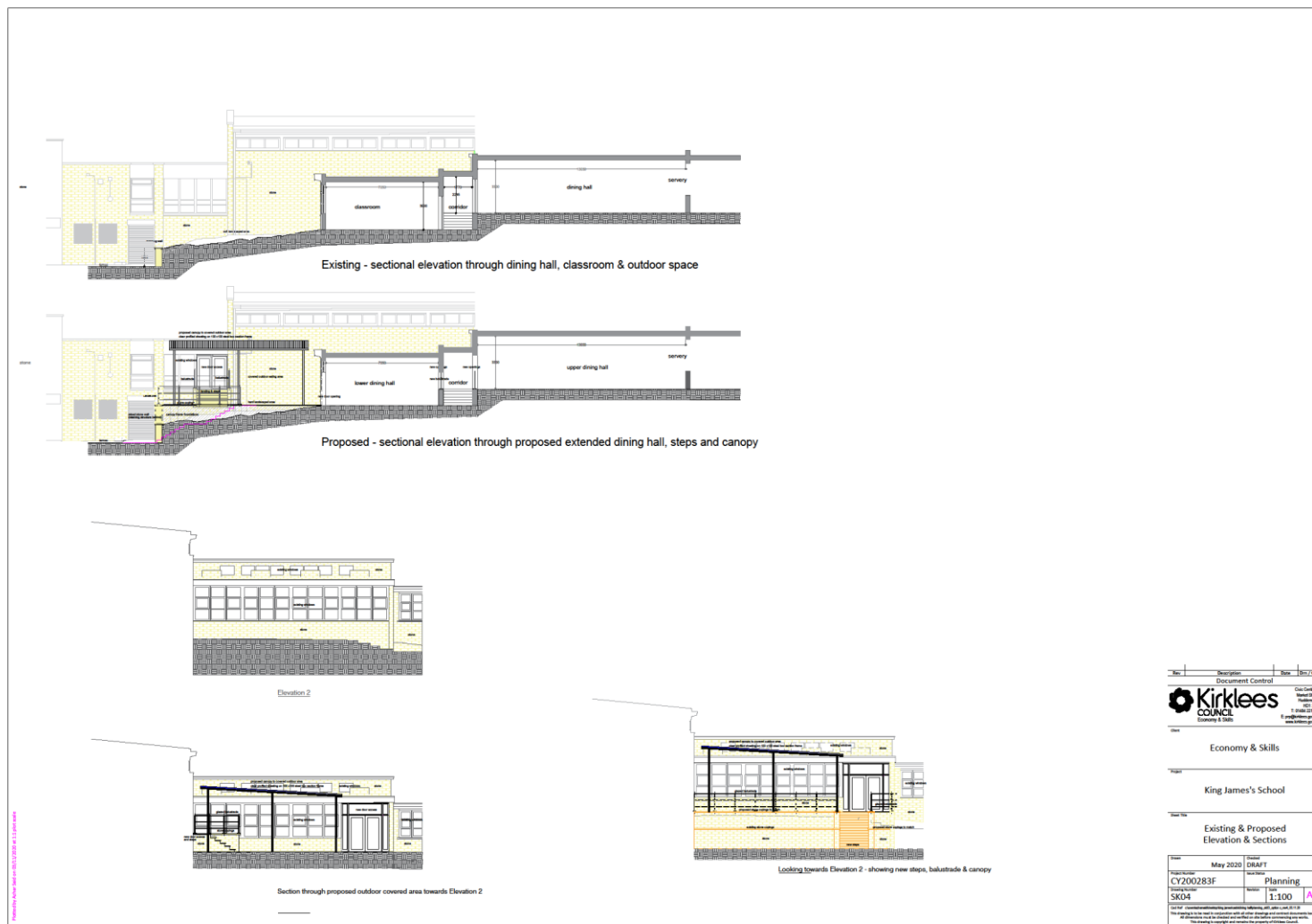


Figure 05_proposed lower dining hall, covered outdoor space and improved circulation routes

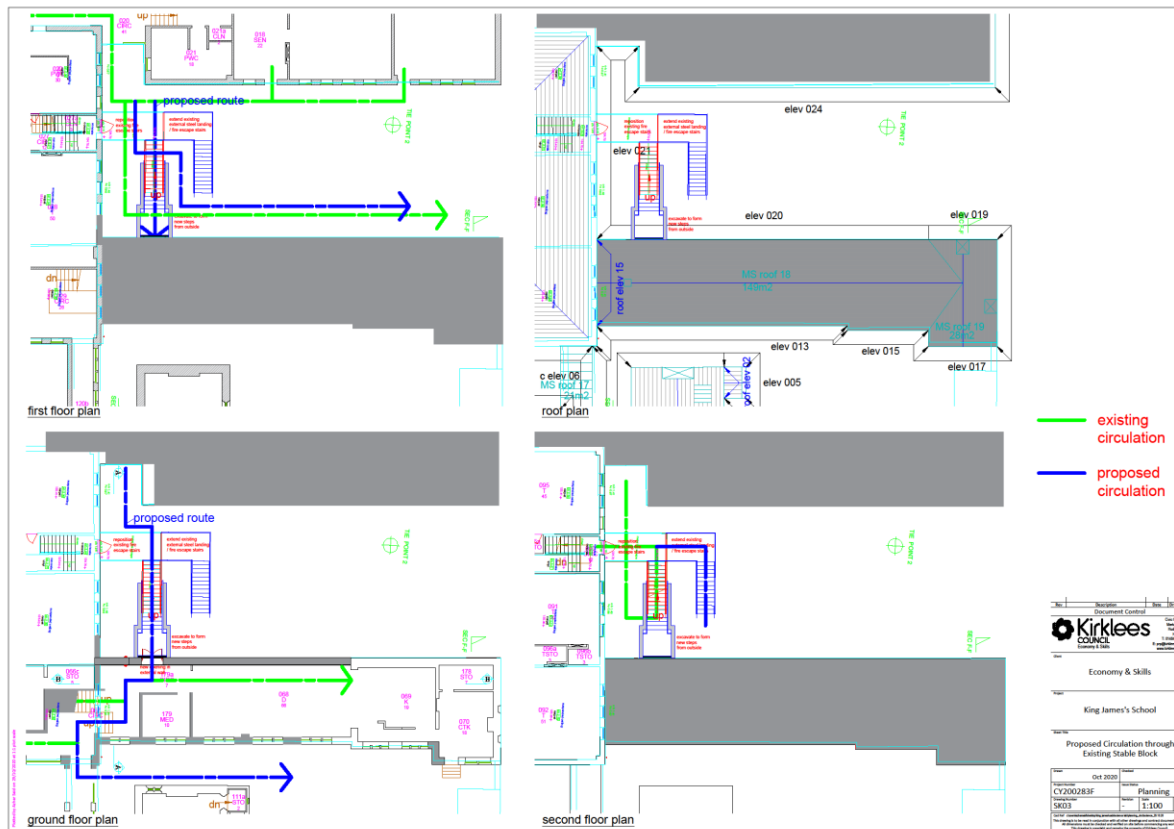
02

Proposals Area A – proposed elevations

King James's School, St Helen's Gate, Huddersfield HD4 6SG

Design & Access Statement – Proposed Ancillary Works

02 Proposal Area B



The works to the school include an additional science laboratory to support the needs of students to learn the sciences. After a review of the school premises and design development, the application includes the conversion of what is now a dining space to a science laboratory classroom for up to 32 students. Furthermore, the corridors and circulation spaces at King James's are congested resulting in queueing and crowding in areas. The application also includes improvements to circulation and additional circulation routes.

02

Proposals Area B – circulation

Figure 06_Existing Yr 11 Dining Hall and circulation routes

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Heritage Impact Assessment – Proposed Ancillary Works

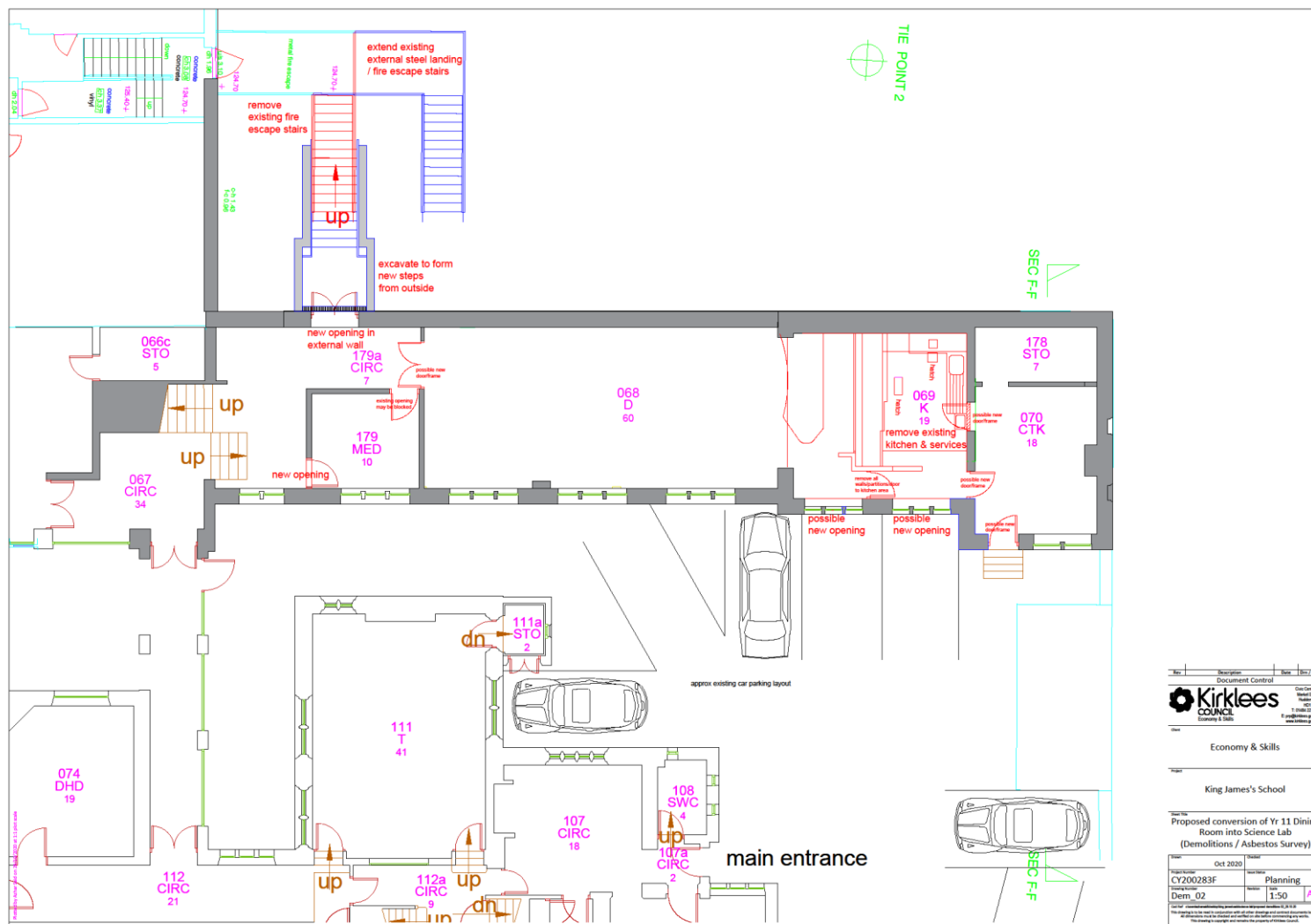


Figure 07_Existing Yr 11 Dining Hall, kitchen, servery and circulation routes

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Design & Access Statement – Proposed Ancillary Works

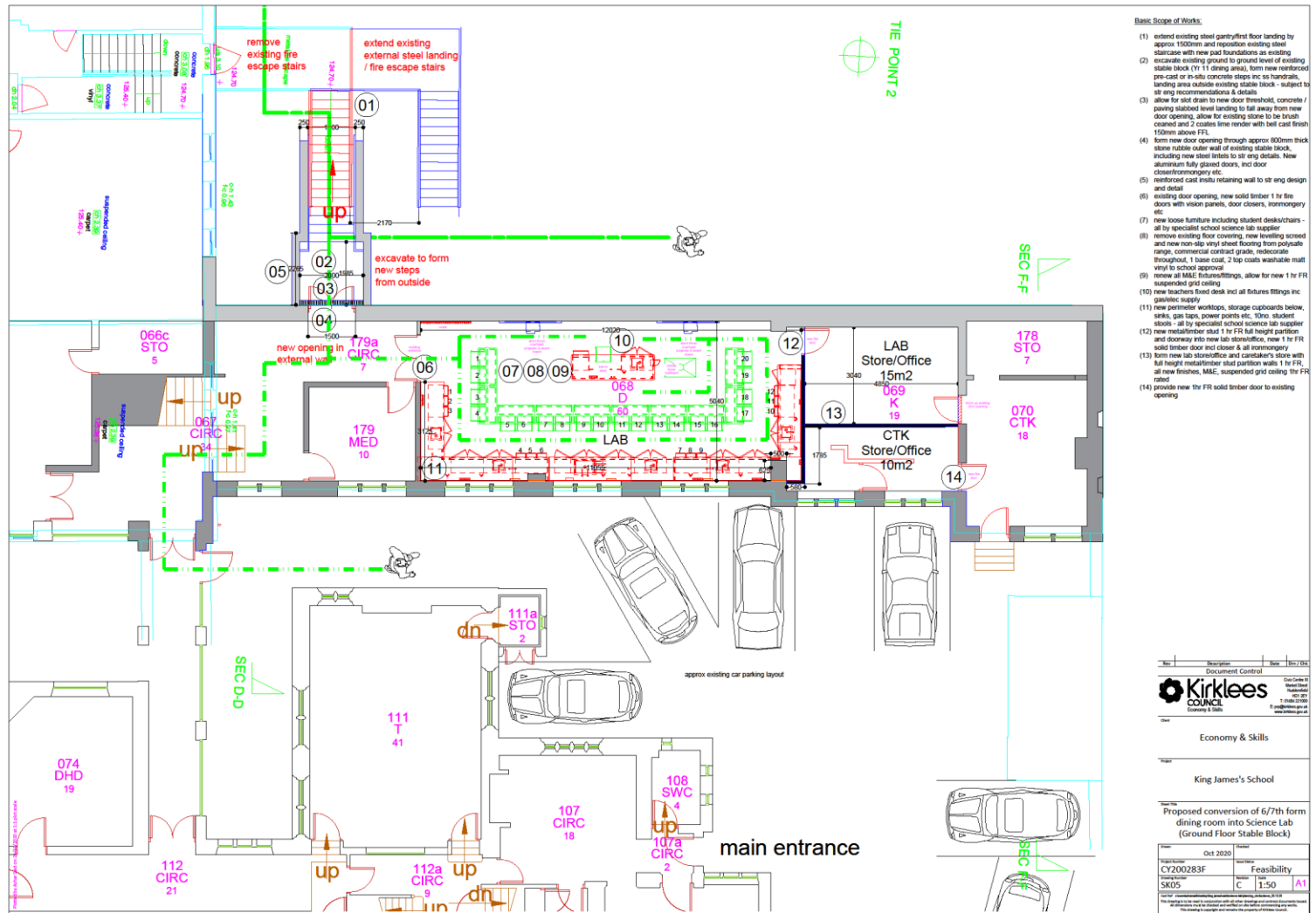


Figure 08_Proposed Science Laboratory and improved circulation routes

02

King James's School, St Helen's Gate, Huddersfield HD4 6SG

Heritage Impact Assessment – Proposed Ancillary Works

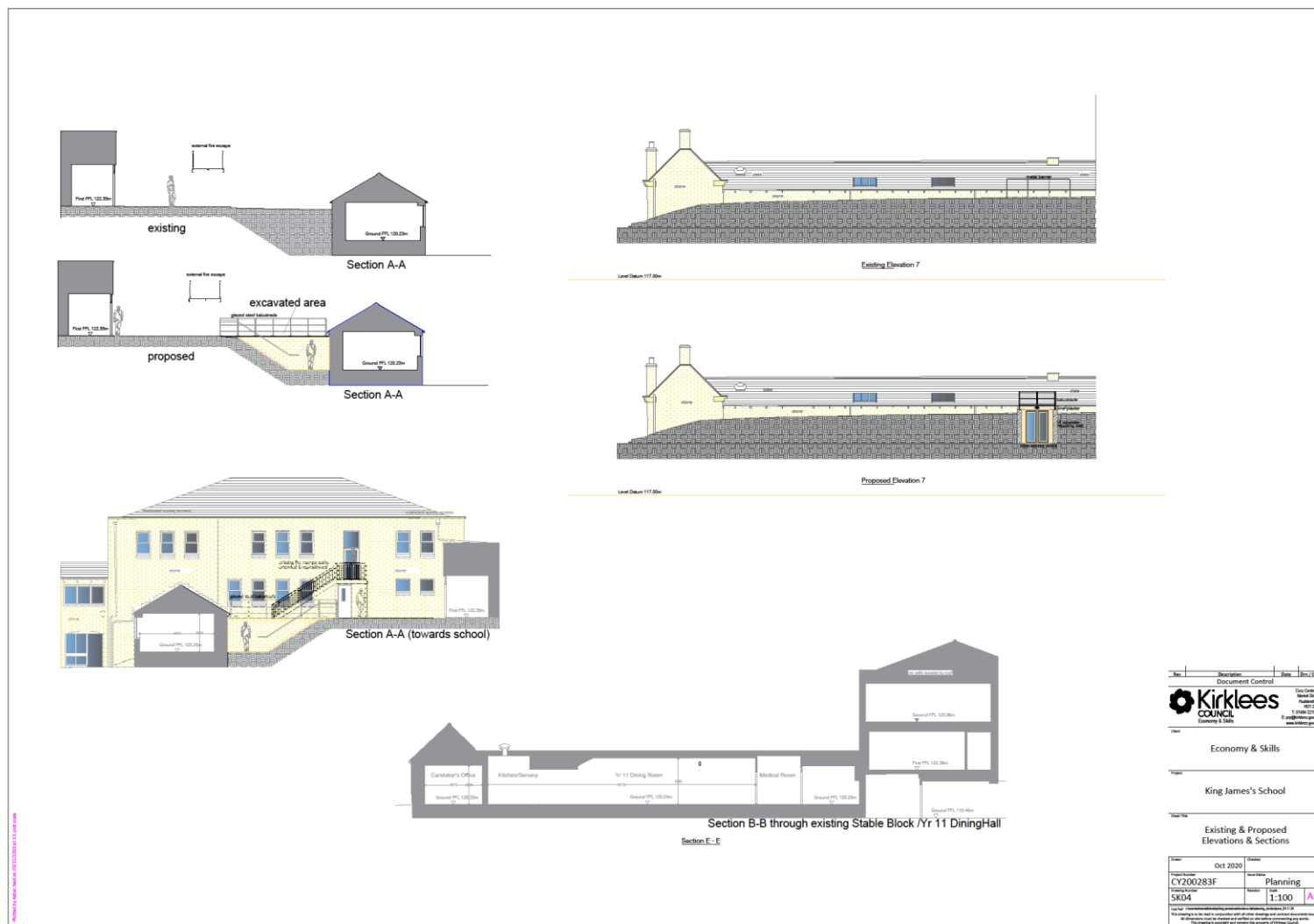


Figure 09_Proposed Science Laboratory and improved circulation routes

02

Proposals Area B – proposed elevations

03 Design



Figure 10_proposed materials as existing canopies



Figure 11_proposed materials as existing canopies

Appearance

To a large extent the proposals will be hidden from view as they are within the school complex and surrounded by higher buildings on all sides and therefore not visible from any public highways or footpaths..

Landscaping

The circulation improvements to the rear of the stable block will require excavation of soft built up ground whilst the external covered eating area will require building up in level to allow level access from the proposed lower dining hall extension. This work will require the removal of existing hedge and trees which are not protected by any tree preservation orders.

King James's School, St Helen's Gate, Huddersfield HD4 6SG

Design & Access Statement – Proposed Ancillary Works

03 Design

The new Science Laboratory comprises internal remodelling / refurbishment works within the single storey former year 11 dining hall (stable block), and will be to current standards using modern materials, the exterior of the building will be unchanged to the front elevation with no intervention, the rear elevation will require the introduction of a new pair of double glazed doors and facing materials to suit conditions of the planning department (colour to be confirmed).

The height of the new canopy forming the external covered eating area will not be detrimental to the neighbouring buildings, eaves height will be similar to the existing single storey surrounding building, see accompanying drawings. The proposed canopy will be constructed from hollow steel box section (painted black) and clear glass or profiled polycarbonate sheet roofing.

The double doors and window elements relating to the dining hall extension works will use aluminium Polyester powder coated double 'e' glazed windows and panelled entrance doors / flush escape doors. The proposed works will conform to DDA regulations with an accessible level access thresholds and suitable metal handrails as required. There will be no lift provision as part of these proposals (the main school does not have a lift) the management of pupils will be necessary by the school.

The external canopy & lighting will be part of the Design and Build package sent to the main contractor, to précis this it will be provided by low energy 'amenity' level lighting, 20-30 lux at low level no more than with time clock and photocell control.

The canopy will be installed on a hard landscaped area that drains away into amended existing drainage points. The area of canopy roof to be drained will discharge onto the hard landscaped courtyard space and into the existing drainage, this will have a neutral impact on the rainwater discharged on site.

There will be no loss of existing soft/hard standing play area.

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Design & Access Statement – Proposed Ancillary Works

Both A & B sites for the proposed ancillary works are located at King James's School, St Helen's Gate, Almondsbury, HD4 6SG and are accessed from St Helen's gated access.

Layout

The Science laboratory will occupy the existing Year 11 Dining Hall accommodation in the former Stable Block building which is listed grade II – as detailed in the Heritage Impact Statement. It will remain largely unaltered, the only intervention being proposed is for a new double door access to the rear with stepped access from the rear courtyard.

The Dining Hall extension will also result in minimal external alteration comprising two new door access points and an external covered canopy.

Scale

The proposed alterations to the former Stable Block will not affect the scale of the existing building., the adjacent school buildings to the side and rear are two storeys high. The proposed new canopy to the external eating area likely to be circa 3.5 metres high, although the surrounding buildings are of similar height so the visual impact will be negligible – see photos of existing

04 Access & Parking

The school have confirmed that there will be an increase in overall pupil numbers at the school, although the ancillary works do not require additional requirement for car parking at the school. In any case additional car parking is being provided for the new classroom block.

Access

Pupils arrive at and leave in buses, car and mainly by foot at the start and finish of each day, and there are no changes to the existing arrangements or implications arising from this planning application. The School has a Green Travel Plan which is available on request if required.

There is a network of footpaths linking the various buildings. Tarmac and paved areas will provide the necessary links to and from the existing school buildings. The new stepped areas will be formed in concrete with metal handrailing with surrounding paved areas to match the existing footpaths.

There will be a steeped access to the rear of the stable block building and level access will also be provided. At present there are no wheelchair pupils, none are anticipated and there is no lift provision in the existing school.

04 Access & Parking



Car Parking

The existing car parking adjacent the stable block to the front of the school entrance/reception area will remain unchanged.

Existing Car Parking remains
Provision unaffected by proposed
works

Proposed ancillary works area B
Yr 11 Dining Hall (Former Stable
Block) conversion to Science Lab

Figure 12_ existing car parking provision adjacent Former Stable Block remains unaffected

05 Environment

The proposed development will have a minimal or no effect on the immediate and local environment. Appropriate checks and consultation confirms there is no need for further biodiversity surveys in connection with this application.

Landscaping

It will be necessary to remove any of the existing trees on external courtyard area adjacent to the dining hall in order to form the hard landscaped courtyard and covered canopy eating area.

Light Pollution

External lighting to the covered canopy eating area will be low energy 'amenity' level lighting, 20-30 lux at low level no more than 4 metres off the ground with time clock and photocell control. The fittings will be positioned and angled so that light pollution to any surrounding properties is nullified at all times.

Land Contamination

The likelihood of ground contamination caused by the development is very low. Existing contaminated areas will be unaffected by the development.

Flood Risk Assessment

The site is not within a flood zone recognised by the Environment agency and therefore a flood risk assessment is not required. The proposed development however will have a minimal or neutral affect on the risk of localised flooding.

Noise Pollution

The new development is located in a learning environment and as an existing site will not have significantly increase any possible noise issues. The additional building elements will be constructed with double glazing and be fully insulated to the current building regulations therefore reducing possible noise from the buildings themselves. Noise pollution should, therefore, not be a significant issue for this development.

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Design & Access Statement – Proposed Ancillary Works

06 Conclusion

This Design and Access Statement suggests that the proposed ancillary works and external works development would have minimal impact upon the existing environment, appearance and the immediate built up area, whilst retaining and improving existing accommodation for the learning of pupils at King James's School. There is no requirement for provision of additional car parking for staff or visitors as explained earlier in this statement.

Documents to be read/referred to in conjunction with this Design and Access Statement:

- **Drawings as submitted**
- **Heritage Impact Statement**
- **Planning Statement**

King James's School, St Helen's Gate, Huddersfield HD4 6SG

Design & Access Statement – Proposed Ancillary Works

07 Existing Photographs

Area A - classroom



Figure 13_ external glazed wall of classroom being remodelled for extended Dining Hall

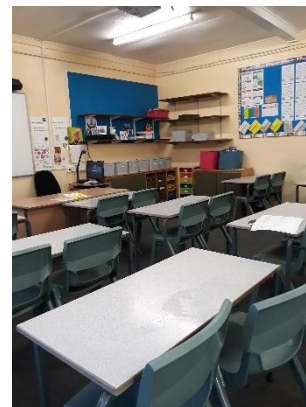


Figure 14_ front area of existing classroom



Figure 15_ external window panel to receive new doors



Figure 16_ view of existing outdoor former science garden to form covered eating area

07

Photographs

King James's School, St Helen's Gate, Huddersfield HD4 6SG

Design & Access Statement – Proposed Ancillary Works

07 Existing Photographs

Area B – Yr 11 Dining



Picture 17_ View of existing Yr 11 Dining Hall



Figure 18_ Front of Yr 11 Dining (Former Stable Block)



Figure 19_ front of Yr 11 Dining (parking area)



Figure 20_ area of proposed new stepped access to rear of former Stable Block