

St Thomas Aquinas Catholic Multi-Academy Trust  
St Martin's Catholic Voluntary Academy– Carpark Alterations  
Tender Documents



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## Document Control

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## Section 1

### Invitation to Tender

## 1.0 Instructions to Tenderers and Conditions of Tender

### Introduction and Background

#### 1.1 The tender documentation comprises the following:

Section 1	Instructions to Tenderers and Conditions of Tender
Section 2	Preliminaries and General Conditions
Section 3	Schedule of Work / Specification
Section 4	Contingency Sums
Section 5	Final Summary

This tender documentation is to be read in conjunction with any supporting documents, and any necessary allowances to achieve compliance with those documents must be included within the value submitted on the Form of Tender.

**IMPORTANT NOTE;** this document is to be read in conjunction with Our Lady of Lourdes Catholic Multi Academy Trust's, Tender Evaluation Procedure which has been provided in conjunction to the tender documentation.

Contractors must notify [Jarrad.edwards@make-consulting.co.uk](mailto:Jarrad.edwards@make-consulting.co.uk) when information has been downloaded and expressing interest of tendering.

### Appendices

Appendix A	Form of Tender
Appendix B	Tendering Declaration
Appendix C	Freedom of Information Exclusion Schedule
Appendix D	Documents to be Returned
Appendix E	Drawings
Appendix F	Electrical Specification / Schedule of Works

## Tender Programme

- 1.2 The anticipated tender programme is as follows:

Date	Stage
2 <sup>nd</sup> August 2021	Invitation to Tender
25 <sup>th</sup> August 2021	Tender Return Date (12:00 noon)
3 <sup>rd</sup> September 2021	Tender Evaluation
10 <sup>th</sup> September 2021	Contractor Appointment
10 <sup>th</sup> September 2021	CDM Planning Period (Lead in)
4 <sup>th</sup> October 2021	Start on Site
12 <sup>th</sup> November 2021	Completion and Project Handover

When the successful contractor has been notified they shall **provide a delivery programme to highlight commencement and completion of the works over the 6-week contract period**. Should the contractor not agree with the time scales associated they must declare this on their delivery programme.

## Obligations to Tenderer and Tender Pricing Documents

- 1.3 Tenderers must ensure that they are fully familiar with the nature and extent of the obligations of the Instructions to Tenderers and Conditions of Tender, Tender and Pricing Document and be aware that the performance standards will be strictly enforced. The Tenderer will be deemed to have read, examined and accepted the Instructions to Tenderers, Tender and Pricing Document and the requirements contained therein prior to the submission of the Tender. It is the responsibility of Tenderers to obtain themselves, at their own expense, all information necessary for the preparation of their tender.

- 1.4 This Invitation to Tender is intended for the addressee only. If you intend using Sub-contractors to help fulfil the Contract, this must be clearly stated within your response.

### **Accuracy**

- 1.6 You are advised to check the accuracy of your Tender prior to submission.

### **Form of Submission**

- 1.7 Tenderers shall complete and return the items listed in Appendix D – Documents to be returned.
- 1.8 The Form of Tender must be submitted duly signed. Any items for which you are unable to offer a price should be identified. Any other revisions to the Tender may invalidate the tender submitted.

### **Expenses/ Losses**

- 1.9 The Client will not be responsible for payment of costs, expenses or losses which may be incurred by any Tenderer in the preparation and submission of their Tender, including site visits, attending pre or post contract presentations/ interviews or negotiations in connection therewith.

### **Format of Tender Submissions**

- 1.10 All tenders are to be returned to the Client as detailed in **section 1.34** of this document.
- 1.11 The Client cannot undertake to give consideration to any tender submitted otherwise, including telephone, email, and facsimile.

- 1.12 The closing time and date for receipt of tenders is **12:00 noon on 25<sup>th</sup> August 2021**. Any tender submissions received after the closing date will be rejected. Suppliers must ensure that they leave adequate time prior to the closing date to submit their response.
- 1.13 Tenders not in accordance with these instructions will be rejected.
- 1.14 Tender responses will not be opened until after the closing date for receipt of tenders has elapsed.

### Unsuccessful Tenders

- 1.15 Notification of proposed award of contract will be given to all tenders during which time, unsuccessful tenderers may request a de-brief from the Client in respect of their tender submission and evaluation itself.

### Successful Tender

- 1.16 An authorised representative from the Client Company (or approved representative) will notify the successful tenders.

### Invitation to Tender Material

- 1.17 **ITT material** means information issued to the Tenderer by the Client or on its behalf, or to which the Tenderer has been given access, for the purposes of this ITT. ITT material remains the property of the Client or other owners and is released solely for the purpose of tendering.



- 1.18 **Return of ITT Material:** In the event that a recipient of ITT Material decides not to participate in the submission of a tender, the ITT Material shall be returned to its place of issue without delay. If a tender is submitted to the Client, the ITT Material may be retained by the Tenderer until the result of the competition is known. In the event that the Tenderer's bid is unsuccessful the ITT Material shall be returned to its place of issue without delay. This will not apply to written material as it is sent out electronically.
- 1.19 **Intellectual Property Rights in ITT Material:** The Intellectual Property in ITT Material will belong to the Client or a third party. The ITT Material may only be used for the purpose of responding to this ITT and shall not be copied or disclosed to anyone other than employees of the Tenderer involved in the preparation of the tender, without the prior written approval of the Client. Client or the third-party owner may suffer damage for which compensation may be sought from a Tenderer, if the Tenderer discloses the ITT Material other than to employees involved in the tender preparation or uses the ITT Material other than for the purpose of tendering.

### **Consultants, Contractors, Sub-Contractors and Suppliers**

- 1.20 It is the responsibility of Tenderers to provide proposed Sub-Contractors and Suppliers where applicable for all the technical and commercial information necessary to allow those potential Sub-Contractors and Suppliers to provide their proposals to the Tenderer. Client will not answer to any direct approach from such potential Sub-Contractors and Suppliers for details of any particular Invitation to Tender.
- 1.21 Tenderers are required to submit with their tender a schedule of all proposed Sub-Contractors, Suppliers and other Service Providers to be involved in the design delivery of the services.



## Errors in Tenders

- 1.22 Tenderers will be given the opportunity to either stand by any genuine errors in their pricing or withdraw from the tendering process.

## Confidentiality

- 1.23 Tenderers are to note the following:

They must not communicate any figures or other information indicating tender prices to any third party before the time set for the return of Tenders. (The only exception to this requirement is for the obtaining of insurance quotations, such information to be given in strict confidence).

They must not obtain or try to obtain any information in connection with any other Tender before the time set for the return of Tenders.

They must not make or discuss any arrangement with any third party regarding whether or not they should tender, or about their, or any other party's Tender.

They shall not, without any prior approval in writing, take, or authorise the taking of, any photographs of any project for use in publicity or advertising or publish alone, or in conjunction with others, any articles, photographs or other illustrations relating to any project or any part thereof, nor impart to any publication, journal, newspaper, film or any radio or television programme any information relating to any project.

Tenderers are required to submit a signed 'Declaration' as provided for return with their tender.

### **Tender Queries**

- 1.24 During the tender period all queries should be made via Jarrad Edwards at Make Consulting Limited email: [Jarrad.Edwards@Make-consulting.co.uk](mailto:Jarrad.Edwards@Make-consulting.co.uk)
- 1.25 All written tender queries will be endeavoured to be acknowledged within 3 working days.

### **Tender Information/ Revisions**

- 1.26 At any time after the issue of the Invitation to tender, the Client reserves the right to issue changes to Tender Information/ requirements. Tenderers, when preparing their submissions, must, as with the information generated by Tender Queries and Responses take these changes into account in drawing offer(s).
- 1.27 No alterations or qualifications to any of the tender documents shall be made unless they have been agreed in writing by the Client.
- 1.28 The purpose of this Invitation to Tender is to elicit an unequivocal bona-fide tender which is capable of acceptance for the purpose of appointing a contractor.
- 1.29 The Tenderers submission should not include any brochures or commercial information.

### **Tender Acceptance**

- 1.33 The Client does not bind itself to accept the lowest or any tender and may refuse to consider any Tender which is incomplete or qualified in any way or not completed in strict accordance with the instructions contained within the invitation tender.

### Tender Return Information

- 1.34 All tender returns must be sent to the following:

Return Tender via email and marked as the following:

**TENDER: ST MARTIN'S CATHOLIC VOLUNTARY ACADEMY– CARPARK  
ALTERATIONS**

Email: [tenders@aquinas-cmat.org](mailto:tenders@aquinas-cmat.org)

Please do not cc any other representative of St Thomas Aquinas Catholic Multi-Academy Trust or Make Consulting Limited into the tender submission.

## Section 2

### Preliminaries

## JCT MINOR WORKS BUILDING CONTRACT

The Contract: JCT Minor Works Building Contract 2016 Edition.

Requirement: Allow for the obligations, liabilities and services described.

## THE RECITALS

### First - THE WORKS

**The work comprises:** Carpark Alterations

**Location:** St Martin's Catholic Voluntary Academy, Stoke Golding,  
Nuneaton CV13 6HT

### Second - CONTRACT DOCUMENTS

**Contract drawings:** As listed in Clause A11 / 110.

**Contract documents:** The following have been prepared which show and describe the work to be done: Contract Drawings and Contract Specification

### Third - PRICED DOCUMENTS

**Documents to be priced or provided by the Contractor:** Priced Contract Specification

### Fourth – CONSTRUCTION INDUSTRY SCHEME

The status of the employer is as stated in the contract particulars

### Fifth – THE CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS

The status of the project is as stated in the contract particulars

### Sixth – FRAMEWORK AGREEMENT

The Contract is not supplemented by a Framework Agreement.

### Seventh – Supplemental Provisions

1 to 6 is as stated in the contract particulars

## THE ARTICLES

### 3 - ARCHITECT/ CONTRACT ADMINISTRATOR

Architect/ Contract Administrator: See clause A10/140.

### 4 - PRINCIPAL DESIGNER

Principal Designer: See clause A10/150.

### 5 – PRINCIPAL CONTRACTOR

Principal Contractor: See clause A10/130.

## CONTRACT PARTICULARS

### Fourth Recital and Schedule 2 - BASE DATE

Base date: Ten days prior to tender return.

### Fourth Recital and clause 4.2 - CONSTRUCTION INDUSTRY SCHEME (CIS)

Employer at the Base Date is NOT 'contractor' for the purposes of the CIS.

### Fifth Recital - CDM REGULATIONS

The project is not notifiable.

Sixth Recital – The sixth recital will be deleted.

### Seventh Recital and Schedule 3 - SUPPLEMENTAL PROVISIONS

**Collaborative working:** Paragraph 1 applies  
**Health and safety:** Paragraph 2 applies  
**Cost savings and value improvements:** Paragraph 3 applies  
**Sustainable development and environmental considerations:** Applies  
**Performance indicators and monitoring:** Does not apply  
**Notification and negotiation of disputes:** Applies  
**Where paragraph 6 applies, the respective nominees of the parties are:**  
**Employer's nominee:** Martin Hodge of Make Consulting Limited  
**Contractor's nominee:** TBC  
Or such replacement as each party may notify to the other from time to time.

## CLAUSES

### Clause 2.2 - COMMENCEMENT AND COMPLETION

**Date for Commencement of the Works:** To be agreed

**Date for Completion:** 6 weeks from Date of Commencement of the works (to be agreed).

### Clause 2.8 - LIQUIDATED DAMAGES

At the rate of £880.00 per week or part thereof.

### Clause 2.10 - RECTIFICATION PERIOD

**Period:** Twelve months from the date of practical completion.

### Clause 4.3 – INTERIM PAYMENTS

**The first due date is:** One month from commencement of the work, and thereafter the same date in every month or the nearest Business Day in that month.

### Clause 4.3 - PERCENTAGE OF THE TOTAL VALUE OF THE WORK ETC.

**Percentage:** 95 per cent.



**Clause 4.3 - PERCENTAGE OF THE TOTAL AMOUNT TO BE PAID TO THE CONTRACTOR ON OR AFTER PRACTICAL COMPLETION**

Percentage: 97½ per cent.

**Clause 4.3 and 4.8 – FLUCTUATIONS PROVISION**

Schedule 2 (Contribution, Levy and Tax Changes): Does not apply.

Percentage to be added for Fluctuations Option: N/A

**Clause 4.8.1 - SUPPLY OF DOCUMENTATION FOR COMPUTATION OF AMOUNT TO BE FINALLY CERTIFIED**

Period: 1 month from the date of practical completion.

**Clause 5.3 - CONTRACTOR'S INSURANCE - INJURY TO PERSONS OR PROPERTY** Insurance cover (for any one occurrence or series of occurrences arising out of one event): Not less than £10,000,000.00.

**Clauses 5.4A, 5.4B and 5.4C - INSURANCE OF THE WORKS ETC - ALTERNATIVE PROVISIONS**

**Clause 5.4C (Works and existing structures insurance by Employer by other means):** Applies

**Clauses 5.4A.1 and 5.4B.1.2 - PERCENTAGE TO COVER PROFESSIONAL FEES**

Addition: 15 per cent.

**Clause 7.2 - ADJUDICATION**

**The Adjudicator is:** A member of the Royal Institution of Chartered Surveyors.

**Nominating body:** Royal Institution of Chartered Surveyors.

**Schedule 1 paragraph 2.1 - ARBITRATION**

**Appointor of Arbitrator (and of any replacement):** President or a Vice president of:

The Royal Institution of Chartered Surveyors.

## THE CONDITIONS

SECTION 1: DEFINITIONS AND INTERPRETATION

SECTION 2: CARRYING OUT THE WORKS

SECTION 3: CONTROL OF THE WORKS

SECTION 4: PAYMENT

SECTION 5: INJURY, DAMAGE AND INSURANCE

SECTION 6: TERMINATION

SECTION 7: SETTLEMENT OF DISPUTES

**The Contract:** Will be executed as a deed.

## Section 3 Trade Preambles

### 3.1 Generally

Should the Contractor wish to insert values against any of the items contained within these Section Preambles he should include the total of such items against the Section Preambles heading on the Final Summary page, and provide a breakdown of the items together with their costs when submitting his priced Specification.

### 3.2 Definitions

#### **Scope of Preambles**

Where items within these Section Preambles apply to work in more than one section, such items shall apply equally to those works as if the items had been repeated within each section.

#### **Figures**

Figures in descriptions are millimetres unless qualified by a unit of measurement or by a word or phrase indicating a reference, e.g. BS, pipe, grade.

#### **Included Elsewhere**

The term "included elsewhere" qualifying any part of a description means that provision is made elsewhere in this Specification for the part so qualified.

#### **Fixing by Bolting etc.**

The term "fixing by" used in connection with any method of fixing is a description of fixing method only and excludes the fixing devices.

#### **Fixing with Bolts, Screws, etc.**

The term "fixing with" used in conjunction with any method of fixing includes the fixing devices.

#### **Holes**

The provision of holes shall be deemed to be included in work described to be fixed with screws.

**Plugging**

The term "plugging" means the provision and fixing of approved plugs or, with the Contract Administrator's approval, fixing by means of cartridge operated rivet gun or other approved mechanical means, plugging through applied finishes shall be executed to a depth sufficient to provide a secure fixing.

**Preparation of Surfaces**

Descriptions of the finishing applied to the new surfaces are deemed to include the preparation of these surfaces to receive the finishing.

### 3.3 General

**Good Practice**

Where and to the extent that materials, products and workmanship are not fully specified, they are to be suitable for the purposes of the Works stated in or reasonably to be inferred from the contract documents, and shall be in accordance with good building practice, including the relevant provisions of current British Standards Institution documents.

**Samples**

Where approval of products or materials is specified the Contractor shall submit, free of charge, samples, certificates or other evidence of suitability. Orders shall not be confirmed and materials shall not be used until approval has been obtained. Approved samples shall be retained on site for comparison with products and materials used in the Works, and they shall be removed when no longer required.

Where samples of finished work are specified the Contractor shall obtain approval of stated characteristic(s) before proceeding with the Works. Samples which are not part of the finished Works shall be removed when no longer required.

### 3.4 Approvals

Where, and to the extent that products, material or work are specified to be approved, or the Contract Administrator instructs or requires that they are to be approved, the same shall be supplied and executed to comply with all other requirements and in respect of the stated or implied characteristic(s) either to the express approval of the Contract Administrator, or to match a sample expressly approved by the Contract Administrator as a standard for the purpose.

Inspection or any other action by the Contract Administrator shall not be taken as approval of materials, products, or work, unless the Contract Administrator so confirms in writing in express terms referring to:

- (i) date of inspection
- (ii) part of the work inspected
- (iii) respects of characteristic(s) which are approved
- (iv) extent and purpose of approval
- (v) any associated conditions.

In addition, it shall be noted that the Contract Administrator wishes to approve the quality or standard of work carried out by Nominated/Named Sub-Contractors, or materials supplied by Nominated/Named Suppliers.

### 3.5 Specified Suppliers / Manufacturers

Where a specified supplier/manufacturer provides instructions as to how his materials are to be used or fixed, the Contractor shall comply strictly with such instructions.

### 3.6 Workmanship

All work hereinafter mentioned shall be carried out in strict accordance with the relevant Code of Practice. Should any work described in these Section Preambles or shown on the drawings be at variance with the Code, such variance shall be brought to the notice of the Contract Administrator before commencing. If "accepted practice" is at variance with the Code, the Code of Practice shall be adhered to.

### 3.7 Demolition / Alteration / Renovation

#### 3.7.1 Qualifications of the Rules of the Standard Method of Measurement

The provisions of Section C Demolition/Alteration/Renovation shall apply equally to Site Works and Alterations in addition to those arising from Demolition/Alteration/Renovation.

#### Old Materials

Clause C20/C1(a) shall be deemed to include old materials arising from Site Works and Alterations in addition to those arising from Demolition/Alteration/Renovation.

#### Plumbing, Engineering and Electrical Installation

Clause C20.M2, the descriptions of demolishing structures shall be deemed to include sealing off and making safe the mains to the plumbing, engineering and electrical installations.

Clause C90.2, the descriptions of taking out equipment, appliances, ancillaries, fittings and accessories associated with plumbing, engineering and electrical installations shall be deemed to include disconnecting from the associated gutterwork, pipework, ductwork, conduits, cables and the like and for sealing off and making safe.

### 3.8 Definitions

#### Dimensions

Dimensions given in item descriptions are nominal.

#### Descriptions of Demolitions

The descriptions given of buildings, etc to be demolished are intended as a guide to the general construction and situation. The Contractor shall be deemed to have visited the site and ascertained the full extent and nature of the demolitions and alterations.

#### Removing

The term "Removing" shall be deemed to include the cutting into the structure and/or finishes in order to free the item, the removal of all fixings, such as plugs, bolts, cramps and the like and the making good as necessary of the structure and making good, unless otherwise described, finishes where such items and fixings have been removed.

### **Storing for Re-use**

The term "storing for re-use" shall be deemed to include for removing to store on site in such a manner as to prevent damage and protecting.

### **Storing for Employer**

The term "storing for Employer" shall be deemed to include for removing to store on site in such a manner as to prevent damage and protecting.

### **Refixing**

The term "refixing" shall be deemed to include for selecting, cleaning removing from store, making good any defects, or replacement with new material if so directed by the Contract Administrator, and fixing in new position.

### **Old Materials**

Unless specifically forbidden the Contractor will be permitted to re-use old materials in work measured as new provided either that the materials are of the same standard and quality as the new materials they replace, or that the Contract Administrator has given specific approval to their re-use.

### **Credit for Materials**

Materials arising from the site works, demolitions and alterations and which are to be removed from the site, shall become the property of the Contractor, unless specifically described as otherwise. The Contractor, if required in the Specification, shall allow such credit as he deems fit.

### **Finishings**

The term "finishings" as used in this section shall mean finishings applied to the structure e.g. plaster, tiles and the like and finishings integral with the structure e.g. faced brickwork, dressed stonework and the like. The term shall not include painting and decorating which are in all cases measured in accordance with the appropriate rules.

### **Making Good or Extending Finishes**

The terms "making good" or "extending" used in conjunction with a described finish shall be deemed to include for removing any adjacent unsound finish, packings, dubbing out, arises, angle beads, etc, and finishing with final surface matching and in alignment with adjacent existing surfaces, and flush jointing the new to existing.



**Remove Fittings, Fixtures or the Like**

The removing of fittings and fixtures (e.g. doors, windows, architraves, skirtings, shelves, fireplaces, mirrors) in the location of new openings, or attached to walls, floors, ceilings, etc. which are to be pulled down, are given separately from the items of cutting openings, pulling down etc.

The removing of fittings, etc to structures which are to be demolished complete are only given where such fittings, etc., are to be stored for re-use or for the Employer.

**Existing Brickwork**

The term "cutting, toothing and bonding" shall be deemed to include for any additional costs caused by coursing to match existing.

**Reforming Jambs**

The term "reforming jambs" shall be deemed to include for cutting out existing and cutting, toothing and bonding in new bricks.

**Making Good**

All work in making good shall match adjoining work in every respect and shall be left to the entire satisfaction of the Contract Administrator.

### 3.9 Structural / Carcassing Metal / Timber

#### 3.9.1 Timber Generally

The nomenclature of commercial timbers shall comply with BS 881 and 589. Timber, which in the opinion of the Contract Administrator is inferior in character or condition, or is not suitable for the requirements of the work because of the defects it contains, shall not be used and all timber that shrinks, splits, warps or winds, etc., through want of seasoning, unsoundness or bad workmanship shall be removed and replaced together with any work affected at the Contractors own expense.

##### **Seasoning**

The timber shall be either air seasoned or kiln seasoned and must be free from seasoning defects such as case hardening, honey combing, etc., at the time of delivery.

##### **Tolerances**

Tolerances shall be to BS 4471 Parts 1 and 2.

##### **Structural Timbers**

Timber shall be stress graded in accordance with BS 5268 Part 2, 1984 grades SC1 or SC3 as specified.

Moisture content of timbers shall not exceed 22% at time of fabrication and erection and until completion and all materials shall be protected from the weather.

##### **Joinery Timbers**

Softwood shall be European Redwood (*Pinus Sylvestris*) in accordance with BS 1186, Part 1, Appendix A with Class 1/3 exposed surfaces generally and Class CSH exposed surface for clear finish. Sap stain will be accepted, except in cases of "selected" timber.

Softwood for flooring shall comply with BS 1297; the dimensions of that used in making good, shall match the existing.

Hardwood shall be a light hardwood in accordance with BS 1186, Part 1, Appendix A or as specified by name and shall be the best quality obtainable with Class 1 exposed surfaces generally and Class CSH exposed surfaces for clear finish.

The variety of the unspecified hardwoods shall be approved by the Contract Administrator before preparatory work is commenced.

Where no specific hardwood is mentioned for lippings, beads and the like, a timber suitable for small sections shall be used and where a clear finish is specified it shall match the surface to which it is applied.

Moisture content of joinery timbers during manufacture and until completion shall be  $\pm 2$  of the average equilibrium moisture content per cent that it is expected to attain in service as specified below:

External joinery	:	17% ( $\pm 2$ )
Internal joinery	:	10% ( $\pm 2$ ) generally; 8% ( $\pm 2$ ) where close proximity to heat

### **Timber Preservative**

Timber to be treated shall be cut to its final dimensions before treatment.

Timber stated to be "pressure impregnated with Tanalith C" shall be vacuum/pressure impregnated with preservative to an average dry salt retention of 4 kg of "Tanalith C" per cubic metre of timber.

Timber stated to be "Vac-Vac" treated shall be impregnated to an average absorption of 1.14 litres of "Vacsol" per 0.03 cubic metre of timber.

Both the above processes shall be carried out in plants approved by Hicksons Timber Impregnation Co. Ltd., Castleford, West Yorkshire. WF10 2JT and a certificate of treatment shall be provided.

### **Adhesives**

Adhesive generally shall be synthetic resin adhesives to BS 1204 Part 1 for Joinery with a paint finish and Part 2 for joinery with a clear finish, type INT/MR for internal use and WBP for external use.

**Fixings**

Nails generally shall comply with BS 1202 Part 1 with anti-corrosive finish where used externally. Nails in external cedar boarding shall be aluminium and shall comply with BS 1202 Part 3.

Screws shall have an anti-corrosive finish where used externally, all heads, unless otherwise described, shall be slotted countersunk. Screws in hardwood shall be brass. Wood screws shall comply with BS 1210, machine screws with BS 4183 and self-tapping screws with BS 4174.

Hexagon bolts shall comply with BS 4190.

Timber connectors shall comply with BS 1579.

**Timber Moisture Content Test**

When instructed by the Contract Administrator test timber for moisture content using an electric meter in accordance with the manufacturers recommendations. Test 5% but not less than ten lengths of each cross section in the centre of the length. Timbers where more than 10% of the values obtained are outside the specified values will be rejected. Keep and provide the Contract Administrator with records of this test.

**Structural Timberwork**

Workmanship and jointing shall generally be in accordance with CP 112 Part 2 and all work shall be properly framed, assembled and fixed with all necessary screws, nails, bolts, wedges, brackets and glued joints, together with all necessary firrings and blockings.

In the process of assembly and construction the stress-graded softwood shall be selected so that no defect permitted by such grading prejudices the strength of the completed structure at bearings, joints and other assemblies, or the fixing of tiling battens, floorings, plasterboard or other linings. In particular no wane, knotholes or fissures are permitted which would prejudice such assemblies and no wane will be permitted which would prejudice such fixings.

Any piece which is bowed, sprung, twisted or cupped to an excessive extent, having regard to its end use, shall be rejected.

Subject to approval of the Contract Administrator, pieces rejected by application of the above clauses may be used for non-structural purposes, provided always that any defects or distortions do not prejudice the intended end-use.

### 3.10 Windows / Doors / Stairs

#### 3.10.1 Definitions

##### **Method of Glazing**

The provision of glazing compounds and putties, sprigs, clips, distance pieces and setting blocks in appropriate materials, and other sundry fixings shall be deemed to be included with all items of glazing.

All descriptions within these Section Preambles referring to putty shall generally equally apply to mastic glazing compounds.

#### 3.10.2 Materials (not to be used with NBS Specification)

##### **Timber Generally**

The nomenclature of commercial timbers shall comply with BS 881 and 589. Timber, which in the opinion of the Contract Administrator is inferior in character or condition, or is not suitable for the requirements of the work because of the defects it contains, shall not be used and all timber that shrinks, splits, warps or winds, etc., through want of seasoning, unsoundness or bad workmanship shall be removed and replaced together with any work affected at the Contractors own expense.

##### **Tolerances**

Tolerances shall be to BS 4471 Parts 1 and 2.

##### **Joinery Timbers**

Softwood shall be European Redwood (*Pinus Sylvestris*) in accordance with BS 1186, Part 1, Appendix A with Class 1/3 exposed surfaces generally and Class CSH exposed surface for clear finish. Sap stain will be accepted, except in cases of "selected" timber.

Softwood for flooring shall comply with BS 1297; the dimensions of that used in making good, shall match the existing.

Hardwood shall be a light hardwood in accordance with BS 1186, Part 1, Appendix A or as specified by name and shall be the best quality obtainable with Class 1 exposed surfaces generally and Class CSH exposed surfaces for clear finish.

The variety of the unspecified hardwoods shall be approved by the Contract Administrator before preparatory work is commenced.

Where no specific hardwood is mentioned for lippings, beads and the like, a timber suitable for small sections shall be used and where a clear finish is specified it shall match the surface to which it is applied.

Moisture content of joinery timbers during manufacture and until completion shall be +/-2 of the average equilibrium moisture content per cent that it is expected to attain in service as specified below:

External joinery	:	17% (+/- 2%)
Internal joinery	:	10% (+/- 2%) generally;
		8% (+/- 2%) where close proximity to
heat		

**Timber Preservatives**

Timber to be treated shall be cut to its final dimensions before treatment.

Timber stated to be "pressure impregnated with Tanalith C" shall be vacuum/pressure impregnated with preservative to an average dry salt retention of 4 kg of "Tanalith C" per cubic metre of timber.

Timber stated to be "Vac-Vac" treated shall be impregnated to an average absorption of 1.14 litres of "Vacsol" per 0.03 cubic metre of timber.

Both the above processes shall be carried out in plants approved by Hicksons Timber Impregnation Co. Ltd., Castleford, West Yorkshire. WF10 2JT and a certificate of treatment shall be provided.

**Plywood and Blockboard Veneers**

Where the faces of plywood are later described as being Grade 2 such faces shall be suitable for painting.

**Adhesives**

Adhesive generally shall be synthetic resin adhesives to BS 1204 Part 1 for Joinery with a paint finish and Part 2 for joinery with a clear finish, type INT/MR for internal use and WBP for external use.

**Windows**

Windows shall be constructed from "Vac-Vac" treated softwood and are to be in accordance with the details on the Contract Administrator's drawings.

**Fixings**

Nails generally shall comply with BS 1202 Part 1 with anti-corrosive finish where used externally. Nails in external cedar boarding shall be aluminium and shall comply with BS 1202 Part 3.

Screws shall have an anti-corrosive finish where used externally, all heads, unless otherwise described, shall be slotted countersunk. Screws in hardwood shall be brass. Wood screws shall comply with BS 1210, machine screws with BS 4183 and self-tapping screws with BS 4174.

Hexagon bolts shall comply with BS 4190.

Timber connectors shall comply with BS 1579.



**Metal Work**

Metal straps, tie rods, bolts, etc shall be in accordance with the relevant clauses in the Metalwork section.

**Putty**

Putty shall be in accordance with BS 544.

**Glass**

Glass shall be in accordance with BS 952

**3.10.3 Workmanship (not to be used with NBS Specification)****Moisture Content Test**

When instructed by the Contract Administrator test timber for moisture content using an electric meter in accordance with the manufacturers recommendations. Test 5% but not less than ten lengths of each cross section in the centre of the length. Timbers where more than 10% of the values obtained are outside the specified values will be rejected. Keep and provide the Contract Administrator with records of this test.

**Structural Works**

Workmanship and jointing shall generally be in accordance with CP 112 Part 2 and all work shall be properly framed, assembled and fixed with all necessary screws, nails, bolts, wedges, brackets and glued joints, together with all necessary firrings and blockings.

In the process of assembly and construction the stress-graded softwood shall be selected so that no defect permitted by such grading prejudices the strength of the completed structure at bearings, joints and other assemblies, or the fixing of tiling battens, floorings, plasterboard or other linings. In particular no wane, knotholes or fissures are permitted which would prejudice such assemblies and no wane will be permitted which would prejudice such fixings.

Any piece which is bowed, sprung, twisted or cupped to an excessive extent, having regard to its end use, shall be rejected.

Subject to approval of the Contract Administrator, pieces rejected by application of the above clauses may be used for non-structural purposes, provided always that any defects or distortions do not prejudice the intended end-use.

### Joinery Works

Workmanship and jointing shall generally be in accordance with BS 1186 Part 2. The defects known as "tearing out", "woolliness" and "chip bruising" will not be permitted and all arises shall be eased. All joinery work shall be properly framed, assembled and fixed with all necessary screws, nails, bolts, wedges, brackets and glued joints.

All framed work shall be put together immediately upon commencement of the general work but shall not be glued or wedged up until joinery is prepared in readiness for fixing.

If the joints of any Joinery Work should give or open in the least before the end of the maintenance period, such defective work shall be taken down, refitted and redecorated or new joinery put in place of same. It is to be distinctly understood that in reinstating defects the Contractor shall be responsible for repairing any damage caused in the process.

All angles in skirtings, architraves and quadrants shall be mitred.

Trims, architraves, etc shall be, as far as possible, in unjointed lengths between angles or ends of runs. Where heading joints are unavoidable the joints shall be splayed and the position acceptable to the Contract Administrator.

On all timber faces which will be visible in completed work, nail heads shall be punched below the surface and screws heads, other than those to be pellated, shall be countersunk 2 mm below the surface. Screw heads in exposed faces of "selected" timber shall be countersunk 6 mm and filled with grain matched pellats cut from matching timber, glued in and finished flush on face.

All sharp arises exposed in the finished work shall be removed by rubbing down.

**Glued Joints**

Surfaces in contact in glued joints shall have a good sawn or planed finish. All cutting edges of tools shall be sharp to avoid "burnishing". The surfaces of plywood to be glued should be lightly dressed with sand or glass paper which must not be allowed to clog and cause "burnishing".

Members in construction to be joined by gluing shall be of similar construction and all surfaces to be glued shall be kept clean, free from dirt, dust, sawdust, oil and any other contamination. Adequate pressure should be applied to glued joints to ensure intimate contact and maintained whilst the glue is setting.

Mixing, application and setting conditions shall be in accordance with the glue manufacturer's instructions.

**Tolerances**

Tolerances for window and door frames, screens and linings to be:

Straightness in each 8 metres (not cumulative):	5 mm
Length up to 2 metres:	+ or - 2 mm
Height up to 3 metres:	+ or - 3 mm
Squareness of frames/linings:	1 mm in 500 mm
Clearance between door leaf and frame:	2 mm + 1 mm - 0.5 mm

**Treated Timbers**

Where crosscutting, notching or boring of "treated" timber cannot be avoided, all exposed surfaces must be liberally swabbed with "Ensele", in respect of "Tanalith C" treated timbers and "Vascele" in respect of "Vascol" treated timbers.

**Priming and Other Surface Treatment**

Joinery work such as fascias, etc., shall be primed or sealed as specified and measured in the "Painting and Decorating" section on all faces before fixing. End grains shall be sealed before general sealer or primer is applied.

All other joinery work which includes in its description "one coat primer or one coat sealer etc" shall be primed or sealed as specified in the "Painting and Decorating" section on all faces before delivery to the site. The Contractor shall include for such priming or sealing in his prices for the joinery items so described and shall further include for protecting the faces.

### **Storage**

Do not deliver to site any joinery which cannot be immediately unloaded into suitable conditions of storage.

Joinery shall be stacked on bearers on level dry floors under cover. When stacking stagger components or separate with spacers to prevent damage by and to projecting ironmongery, beads, etc. Stack doors horizontally on not less than three level bearers at not more than 1 metre centres.

### **Easing and Adjusting**

Ease and adjust all doors, windows, etc. and leave the whole of the Joiner's Work sound and in perfect order on completion.

### **Glazing Generally**

All glazing shall comply with BS 6262.

All glazing shall be wind and watertight upon completion.

All rebates and beads in wood shall be sealed or primed before glazing is commenced.

### **Glazing with Putty**

Glazing in putty shall be executed with proper bed and back putties, sprigs, clips and splayed and mitred front putties. Back putties shall be trimmed off level with the tops of the rebates and the splayed front putties shall be finished 3 mm back from the sight line to allow for sealing between glass and putty with paint.

### **Glazing with Beads**

Glazing fixed by beads shall have both glass and beads bedded and back puttied and the putty trimmed off flush.

### **Indicators**

Stuck-on or painted indicators shall not be used on solar control or coloured glass, whitewash may be used on ordinary glass but if so must be restricted to small central areas of panes.

### **Protection**

The Contractor shall be responsible for the protection of the glass and on completion or as requested shall replace with new at his own expense all cracked, scratched, damaged or defective glass whether caused by his own workmen or by those of any Sub-Contractor and shall leave all clean and perfect on completion.

### 3.11 Surface Finishes

#### 3.11.1 Qualifications of the Rules of the Standard Method of Measurement

Notwithstanding the provisions of the S.M.M.:-

##### **Ranking and Curved Cutting**

Raking and curved cutting is deemed included on all finishings.

##### **Preparatory Works**

Clause V3.1(c), preparatory work on new surfaces shall be deemed to be included with the descriptions of work on such surfaces and shall conform to the requirements given in WORKMANSHIP section of these preambles.

#### 3.11.2 Definitions

##### **Selected**

The term "selected" shall be deemed to include keeping the material so described clean for transparent or similar finish.

##### **Square Cutting**

Where units or sheets are described as "designed to be used without cutting" but square cutting of such units or sheets is necessary, such cutting is measured separately.

##### **Textured Surfaces**

- The term "light textured" means plastics painted or the like surfaces.
- The term "medium textured" means roughcast or the like surfaces.
- The term "heavy textured" means pebble-dashed, exposed aggregate or the like surfaces.

##### **Painting Generally**

The rates for painting generally shall include for:-

- (a) Priming and painting one coat or sealing bottom edges of doors
- (b) Priming and painting one coat to all windows, transom lights, etc., before the glazing compound has hardened
- (c) Working behind pipes and radiators

##### **Painting Undercoats / Finishing Coats**

Rates for items described as two undercoats and one coat finish shall be deemed to include for one undercoat and two coats finish where this method of application is recommended by the manufacturer selected.

### 3.11.3 Materials (Not to be Used with NBS Specification)

#### Wall Tiles

Wall tiles shall be cushion edge and comply with BS 6431.

#### Painting Generally

- The priming coat, undercoats and finishing coats in any one system shall be obtained from the same manufacturer.
- The whole of the paints shall be delivered to the site in the manufacturer's original sealed containers.
- The priming paints are to be "lead free".
- The various priming paints shall be those recommended by the manufacturer as being particularly suitable for the surfaces to which they are to be applied and the subsequent undercoats.
- All materials shall be stored in a clean dry area and protected from extreme temperatures.

#### Knotting

Knotting shall be aluminium priming complying with BS 4756 Type 2.

#### Primers

Water based wood primer shall comply with BS 5082.

Calcium plumbate primer shall comply with BS 3698, Type A.

Aluminium wood primer shall comply with BS 4756, Type 2.

Zinc rich primer shall comply with BS 4652.

#### STOPPING

Stopping

Stopping for:

- (a) plasterwork shall be a polyfilla or alabastine filler mixed with water paint
- (b) internal woodwork and plywood shall be putty complying with BS 544 and shall be tinted to match the colour of the undercoat
- (c) external woodwork shall be genuine linseed oil putty complying with BS 544 or suitable exterior quality filler and shall be tinted to match the colour of the undercoat.
- (d) clear finished woodwork shall be a stopping tinted to match the surrounding woodwork

#### Linseed Oil

Refined linseed oil, raw linseed oil and boiled linseed oil shall each comply with BS 6900.

**White Spirit**

White spirit shall comply with BS 245.

**Size**

Size shall comply with BS 3357.

**Fungicides**

Unless otherwise described fungicides shall be of the type recommended by the paint manufacturers.

**Flame Retardant Paints**

Where to be used on walls and ceilings the flame-retardant paint shall give not worse than Class 1 spread of flame as described in BS 476 Part 7.

**Paper / Fabrics**

Materials shall be of the same batch and shade numbers where appropriate.

**Adhesives**

Adhesives for fixing wall papers shall be cellulose based paste, those for vinyl or plastic wall coverings shall be "Clam 143".

**3.11.4 Specified Suppliers****Paint, Primers, Emulsions etc**

The whole of the paint, primers, emulsion etc except where otherwise described, shall be obtained from one of the following manufacturers:

(see specification)

Alternative manufacturers will be considered, subject to the written approval of the Contract Administrator.



### 3.11.5 Workmanship (Not to be Used With NBS Specification)

#### Plasterwork

Internal plastering shall comply with BS 5492 and the following general requirements:-

- (a) all existing work and approaches shall be protected by means of boards, dust sheets, etc and all droppings on to finished work shall be cleaned off immediately
- (b) all plant and tools shall be kept clean and free from previous mixes
- (c) adequately prepare backgrounds to provide key and remove projections, concrete fins, efflorescence, laitence, dirt, mould, oil, paint, grease, dust and other incompatible materials
- (d) All beads and stops shall be securely fixed plumb, square and true to line and level
- (e) all finished surfaces shall be to a true plane in correct line and level with angles plumb and square
- (f) all necessary precautions shall be taken to enable plastering to proceed without damage when the air temperature is below 3oC
- (g) all necessary precautions shall be taken to prevent premature drying out

#### External Rendering

External rendering shall comply with BS EN 13914-1 2005 and the general requirements specified for internal plastering.

#### Wall Tiling

Internal and external wall tiling shall comply with BS 5385.

#### Wallboard Sheet Finishings – “Dab” Fixing

The lining shall be fixed in accordance with British Gypsum's Thistle Bond method with 3 mm wide joints. Wall faces to receive linings shall be true and level and prices shall include for any necessary packings.

#### Wallboard Sheet Finishings – Nail Fixings

The linings shall be fixed with 3 mm - 6 mm wide joints, which shall always occur over joists or studs. Linings shall be nailed to each joists or stud at 150 mm centres, commencing in the centre and working outwards with 32 mm x 14 SWG (for 9.5 mm boards) and 38 mm x 14 SWG (for 12.7 mm boards) galvanised wire nails with small flat head and smooth shank. Nails shall be driven home firmly without fracturing the paper surface and the final hammer blow should leave a shallow depression to facilitate spotting. As a guide approximately 2.72 kg of 32 mm nails or 3.00 kg of 38 mm nails are required for 100 square metres of board.

**Wallboard Sheet Finishings - Jointing**

The joints shall be made strictly in accordance with Messrs. British Gypsum Ltd's instructions and as a guide the following is an abbreviated description.

The joints shall be flush, seamless and work shall be carried out in the cleanest conditions possible and all mixing surfaces, containers and tools shall be free from contaminations of all descriptions to achieve blemish free joints. The jointing involves three distinct operations.

1. The joints shall be filled with Gyproc Joint Filler, mixed by stirring the powder into the water and left to stand ten minutes before using. Joint filler shall not be retempered after setting commences. Using a filling knife apply a thin band of filler into the trough of the tapered board and press home Gyproc joint tape onto the surface of the filler. Apply a further coating of filler over the tape to bring the surface flush with the board surfaces. before the filler commences to stiffen wipe over with a jointing sponge to remove surplus filler from the edges of the joint. Any depressions after setting shall be filled with joint filler.

2. When the filler has set hard apply a thin layer of Gyproc joint finish in a broad band about 200 mm to 250 mm wide feathering out the extreme edges with a joint sponge using light circular strokes. After this has partially dried repeat the operation.

3. As soon as the final application of joint finish has dried dip the jointing sponge into a very thin slurry of Gyproc joint finish and distribute the slurry over the entire board surface using light circular strokes to even up the texture of the board and joint.

The Contractor is strongly recommended to refer to the various publications available from Messrs. British Gypsum Ltd, describing Gyproc wall board and methods of jointing.

**Wallboard Base**

The plasterboard shall be fixed to break joint as much as possible and with 3 mm space between the joints, with 32 mm x 12 gauge galvanised nails with 9 mm heads at 150 mm centres one each bearing.

The joints shall be stemmed with neat plaster, at the same time applying a strip of plaster between all joints and into angles between walls and ceilings and with 100 mm wide jute scrim cloth pressed in and trowelled as flat as possible.

**Hardboard, Particles Boards, etc.**

Sheets shall be pre-drilled for screw or bolt fixings. Holes shall be not less than 13 mm from edges and 32 mm from corners of sheets.

**Expanded Metal Lathing**

Metal lathing shall be lapped not less than 25 mm and sheets tied together with No. 18 SWG galvanised wire at 75 mm centres.

### **Vinyl Tiles**

- Vinyl tiles shall be laid in accordance with BS 8203 and shall not be laid until the screed or sub-floor is thoroughly dry.
- Any cracks and hollows in the screed or sub-floor shall be filled with a compatible levelling compound.
- Tiles shall be stored in the areas where they are to be laid for a period not less than 48 hours before laying.
- All surplus adhesive shall be removed from the face of tiles laid on any other surface as the work proceeds.

### **Painting Generally**

The whole of the work shall comply with BS 6150 and shall be executed in the most substantial and workmanlike manner and of the best class of workmanship throughout and a competent foreman shall at all times be employed. Sumps and drains shall not be use for the disposal of waste and dirty water.

### **Stirring of Materials**

The contents of all cans and containers of all materials must be properly and thoroughly stirred before and during use and shall be suitably strained as and when necessary.

### Preparation of Surfaces

The various surfaces shall be prepared strictly in accordance with the requirements of the paint manufacturers and the following is a general indication of what the Contractor shall allow in his rates for preparation:

(a) Generally

Remove all builder's splashes, nibs, etc. and ensure that the surfaces are clean, dry and free from oil, grease, wax polish, rust and all loose and flaking material

(b) Plaster, Brick and Concrete

All cracks, blisters and other imperfections in wall and ceiling surfaces shall be filled in and made good and the whole of the surfaces shall be brushed down to remove dust and loose material. All traces of mould oil shall be removed from concrete surfaces by scrubbing with water and detergent and rinsing with clean water to remove all detergent.

(c) Steel and Ironwork

Remove all rust, mill scale, flaking paint etc. by wire brushing, scraping etc.

(d) Galvanised surfaces

Wash with white spirit.

(e) Copper and Aluminium

Wash with soap and water, roughen with abrasive paper and wash with white spirit.

(f) Plywood and Other Boards

Fill in imperfections, rub down and brush off dust etc. After priming, stop, rub down and brush off.

(g) Woodwork to be Painted

All surfaces which will be visible after fixing shall be rubbed down and all knots and resin pockets shall be scorched back and coated with knotting. After priming and fixing, all nail holes and other imperfections shall be stopped and the whole surface shall be rubbed down and all dust brushed off.

The Contractor shall note that priming on timber which has been "Vac-Vac" processed shall not be executed within 48 hours of the timber being processed.

(h) Woodwork to receive Clear Finish

All holes and other imperfections shall be stopped with a matching filling and the whole surface shall be rubbed down and all dust brushed off.

(i) Pre-primed surfaces

Clean down surfaces, stop all holes and touch up primer with a similar primer where damaged.

**Brush Work**

Unless otherwise described all coatings shall be applied by brush. Written permission must be obtained from the Contract Administrator for the application of coatings by spray or roller where not so described and if permission is granted such application shall not result in extra costs to the Employer.

**Successive Coats**

Successive coats of paint shall be thoroughly dry before subsequent coats are applied. Each coat shall be rubbed down with glass-paper or pumice stone and any surface imperfections with an approved hard stopping.

**Conditions for Painting**

- No painting shall be carried out when the temperature is below freezing point, nor to exterior work during wet or foggy weather.
- Any painting blistered through the action of weather shall be thoroughly scraped and repainted to the satisfaction of the Contract Administrator.
- No external painting shall be carried out more than four months before the appropriate section of works can reasonably be expected to be complete and handed over.
- No painting shall be carried out on internal work unless the room is practically free from dust.

**Hanging Paper and Other Coverings**

- Hanging shall not be commenced until all work affecting surfaces and surrounding areas has been completed, surfaces to be covered have dried out, and efflorescence has ceased. All nail and screw heads shall be touched with metal primer and stopped.
- Remove all items, which can reasonably be removed, and replace.
- Lining papers shall be hung with butt or slightly open joints, never with overlap.
- Wall papers and coverings shall be checked for colour match before hanging.
- Wall papers and coverings shall be hung with correct alignment and accurate matching of patterns.
- All wall papers and coverings upon completion shall be secure and smooth, free from bubbles, wrinkles, gaps, tears, adhesive marks and other stains.
- Spare rolls or part rolls shall be retained and handed to the Contract Administrator upon completion without charge.

**Protection**

The Contractor shall cover up, provide the necessary dust sheets to protect all floors, fittings and fitments and be held responsible for any damage whatsoever to same. The whole of the works shall be left clean and free from splashes and stains.

**3.12 Building Sundries****3.12.1 Definitions****Service Trench Widths**

The measurement of hardcore or the like in filling to service trenches, excavating below normal water level, excavating unstable ground or for breaking up obstructions and surface finishings is based upon the following trench widths:

- for single pipes or cables not exceeding 150 nominal diameter - 600 wide
- for single pipes or cables not exceeding 225 nominal diameter - 690 wide
- for single pipes or cables not exceeding 300 nominal diameter - 770 wide

**3.13 Disposal Systems****General**

The whole of the plumbing shall be executed in accordance with the rules and regulations of the Local Water Authority. Service and distribution pipework shall comply with BS 6700.

**PVC Soil Waste and Overflow Pipes**

"O" ring joints shall be used in preference to welded joints wherever practicable.

**Copper Pipes**

All copper pipe ends shall be prepared for fittings by cleaning off burrs from cut ends of pipes. Pipes shall be inserted for the full depth to the seating shoulder of fittings.

### Bracket Spacing

The spacing of pipe supports shall be as shown on the detail drawings or in the manufacturer's instructions, but in any event shall not exceed the spacing shown below.

Pipe Material	Nominal Bore Horizontal	Max. Spacing in Metres Vertical
Copper	15 mm	1.8
	1.2	
	22 mm	2.4
	1.8	
	28 mm	2.4
	1.8	
	35 and	3.0
	2.4	
P.V.C.	42 mm	
	54 mm	3.0
	2.7	
	17 mm	1.1
	0.6	
	22 mm	1.2
	0.6	
	27 mm	1.4
	0.7	
	34 mm	1.5
	0.8	
	42 mm	1.7
	0.8	
	48 mm	1.8
	0.9	
Galvanised mild steel	55,75	1.25
	0.75	
	& 100 mm	
	76 mm	4.6
	3.7	

All pipework shall be supported so as to permit movement due to thermal expansion and contraction.

### Testing

The whole of the water services shall be tested as required by the Local Water Authority, and all soil waste and ventilating pipes shall be tested with an air test at a pressure equal to 38 mm water gauge, which shall remain constant for a period of not less than three minutes.

### 3.14 Gas Installation

#### **General**

The Contractor is referred to the Trade Preambles for Plumbing Installations.  
The Installation shall comply with the requirements of the appropriate local Gas Board.

#### **Testing**

All pipework under floors shall be tested by an air test at a pressure of not less than twice the working pressure and shall be held without any drop in pressure for a period of not less than one minute. This test shall be carried out prior to covering over and any leaks repaired.



## Section 4 Schedule of Works

<p><b><u>ALL TENDERING CONTRACTORS MUST NOTIFY MAKE CONSULTING LIMITED AS SOON AS THE INFORMATION HAS BEEN DOWNLOADED AND CONSIDERED. THIS IS TO ENSURE ANY AMENDMENTS DURING TENDER ARE SHARED WITH THE RELEVANT PARTIES.</u></b></p> <p><b><u>SHOULD THERE BE ANY DISCREPANCIES BETWEEN THE SCHEDULE AND DRAWINGS CONTRACTORS MUST RAISE THIS DURING TENDER PERIOD.</u></b></p> <p><b>PLEASE ENSURE YOU HAVE ALL THE DOCUMENTS BEFORE PRICING:</b></p> <p><b><u>Measurement</u></b></p> <p>Quantities stated within the specification item are for the guidance of the contractor in pricing. However, the Contractor shall be aware that this is not a quantities-based contract, and, as such he will be deemed to have visited the site to ascertain the full extent and nature of the various works described and indicated on the contract drawings.</p> <p>No claims shall be considered which result from a lack of knowledge and discrepancy from information reasonably obtained from onsite investigations.</p> <p>All areas and measurements provided are provisional in nature and are subject to remeasure at the appropriate rate.</p> <p>Each item of the specification is to be priced individually to allow the Employer the choice of the extent of works.</p> <p><b><u>General Requirements</u></b></p> <p>The Contractor shall note that the items contained in the Works Schedule have been described in reasonable detail, but the Contractor shall consider them in conjunction with the working drawings, associated manufacturer's recommendations and the actual work on site, and shall allow in his prices for everything necessary for carrying out the works in the best manner whether specifically mentioned or not.</p> <p>Where approximate quantities are stated, they are for guidance only and the Contractor is advised to make his own assessment of the actual quantities required by visiting site prior to submitting a tender.</p> <p style="text-align: right;">To Collection £</p>	<p>£</p>	<p>p</p>
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	£	p
<p>No alterations or qualifications of any kind are to be made by the Contractor to this Specification without written agreements of the Contract Administrator.</p> <p>Unless stated otherwise the contractor is to allow for the supply of all material associated with the works.</p> <p>The contractor is to ensure that strict access and egress arrangements are maintained throughout the contract to minimise the effect on the day to day operations of the school.</p> <p>No works to be started without prior arrangement with the Contract Administrator and agreement of the Programme of Works. No claims for loss of time and other charges will be entertained should the above procedure not be complied with.</p> <p>Provide all necessary temporary protection to maintain the property in a secure and weather tight condition throughout the duration of the works.</p> <p>Unless otherwise stated all debris and redundant materials are to be carted from site and disposed of in accordance with all current legislation regarding disposal of waste materials. Disposal of waste materials is to be conducted in accordance with the Contractors Site Waste Management Plan. All disturbed surfaces are to be made good prior to installation of new.</p> <p><b>All skips within 7.5m of the building must be lockable, the contractor should make an assessment of the site set up provisions during the tender period. Variations of skip type will not be accepted during the delivery unless driven by client change of this clause.</b></p> <p>Report immediately to the Contract Administrator any suspected asbestos based materials discovered during the works that have not been identified already, and work should stop immediately. Avoid disturbing such materials and agree with the Contract Administrator a safe method of removal/encapsulation. Work can only commence following written approval from the Contract Administrator.</p> <p>If the material which the sample represents is to be stripped, removed or disturbed in any way then arrangements must be made to comply with the Control of Asbestos Regulations 2012, and any other relevant legislation.</p>		
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<p>The Contractor shall ensure that all material and workmanship comply with Regulation 7 of the Building Regulation 2010, relevant British and European Standards.</p> <p>All electrical and mechanical installations/alterations are to be designed, altered and installed by the Principal Contractors Sub Contractor. The details of these are to be passed to the Contract Administrator for approval prior to commencement of works.</p> <p>The Contractors price is to include for all safe access equipment, safety scaffolding, hoisting and secure storage on site throughout the works Welfare contractor to allow for their own welfare for the full duration of works. Client will omit if not required.</p> <p><b>Welfare contractor to allow for their own welfare for the full duration of works. Client will omit if not required.</b></p> <p>Please note another contractor is currently undertaking works outside your working area during the summer holiday period, liaison, and management between two parties will be required.</p>		
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<u>Asbestos Based Materials</u>	£	p
<p>Report immediately to the Contract Administrator (CA) any suspected asbestos based materials discovered during the works that have not been identified already, and work should stop immediately. Avoid disturbing such materials and agree with CA a safe method of removal / encapsulation. Work can only commence following the written approval of the CA.</p> <p>If the material which the sample represents is to be stripped, removed, or disturbed in any way then arrangements must be made to comply with The Control of Asbestos Regulations 2012, approved Codes of Practice and any other relevant legislation.</p> <p>The contractor must provide evidence of awareness training certificates on issuing on the tender on the companies / personal being utilised. Should evidence not be provided your tender will not be deemed compliant.</p> <p>If applicable an asbestos R&amp;D Survey will be made available prior to starting on the proposed project. Please contact Jarrad Edwards for a copy If a copy was not provided at tender.</p>		
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<u>Programme</u>	£	p
Contractors are to provide a high-level programme on the return of their tender.		
Costs are to be allowed for weekend working, both Saturday and Sunday, for the 6-week duration. This is to be shown as a line items for client consideration but carried to the form of tender.		
Saturday working costs.....		
Sunday working costs.....		
It is our intention that the October half term is to be utilised to minimise disruption but also the use of weekend working.		
The site will remain as an active site throughout the construction period with a slightly reduced capacity. Critical works are to be planned at weekends or for October half term.		
Traffic flow peaks at school drop off and pick up times (assume typical school times, times tbc prior to commencement).		
<p style="text-align: right;">To Collection £</p>		

## Demolition & Site Preparation

### Site Preparation

Welfare, storage and skip location is to be located to the adjacent carpark. Image is shown below for the proposed location (location in red).

Heras fencing to be allowed for all the working areas, including cones and pedestrian barriers.



Contractor to allow for CCTV/Service scan to the working areas prior to any excavations.

Contractor to allow for all the required trenching and duct work to suit the proposed works. An indicative route has been shown on the proposed drawings but contractor is to make their own assessments of the viable route.

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<p><b>Protection</b></p> <p>Allow for temporary protection to maintain the properties current condition throughout the duration of the works. Contractor shall also take a photographic schedule of the working areas to document condition prior to commencement of the works.</p> <p>The access road is in poor condition already, please record condition prior to starting.</p> <p>Contractor is to provide temporary fencing, signage and markings to ensure traffic is managed safely. It is the contractor's responsibility to ensure that have allowed the required temporary works to ensure the site remains safe but functional.</p> <p>Unless stated for removal, contractors must ensure all measures are taken plan to protect the trees on site, with barriers 2m away from the trees being place.</p> <p><b>Demolition</b></p> <p>Contractor is to allow for all removal from site as part of their works costs.</p> <p>Ground have not been tested but assume there is no contaminated waste within the soil.</p> <p>Contractors are to allow for a soil / tarmac analysis prior to the main works starting on site to ensure waste can be disposed safely.</p> <p>Contractor is allow for removal of existing fencing in the location of the new access road.</p> <p><b>Tree Removal</b></p> <p>Contractors are to allow for the removal of the existing trees to the proposed new entry. In summary, allow for the removal of 3 mature trees.</p>		
To Collection £		



	£	p
<p><b>Roadway</b></p> <p>Contractor to allow for excavating for the new entrance roadway, levels are to be determined on site with a maintained gradient from Stoke Road to the existing carpark. It is estimated from inspection that all rainwater will fall towards the site.</p> <p>Contractor is to allow for the infill and compaction of the existing the adjacent ditch to allow for the new roadway to be formed. Contractor is responsible for provide a suitable design for the back fill of the section of the ditch and battering it back to ensure stability.</p> <p>Contractor is to allow for drainage to pass underneath the infill with the form of 2nr 250mm diameter pipes for the full width.</p> <p>Roadway is to be 4m wide, and length is circa 40m from Stoke Road to the carpark.</p> <p>Also allow for widening the carpark by 12m in width full length as an extra over cost (price separate to the above).</p> <p>Refer to section details on how the roadway is to be formed.</p> <p><b>Curbs</b></p> <p>Contractor is to allow for the supply and installation of 125x255mm half batter curbs (BRITISH STANDARD KERB). Curbs are to be installed in accordance with BS EN 1340:2003 to both sides of the new access road.</p>		
	To Collection £	

	£	p
<p><b>Tarmac</b></p> <p>Cut edge of tarmac to create neat edge between new and existing tarmac. Lay new tarmac (colour to match existing as close as possible), to follow existing contours and to consist of:</p> <ul style="list-style-type: none"> <li>- 225mm prepared subgrade: Highways Agency Type 1 unbound mixture</li> <li>- Compaction: In layers not exceeding 100mm compacted thickness. Roll with min. 4 passes with 2.25 tonne roller.</li> <li>- Binder course: 60mm thick 20mm coated macadam rolled with min. 6 passes with roller</li> <li>- Surface course: 40mm thick 10mm DBM rolled until there are no marks on the surface</li> </ul> <p>All joints with existing to be sealed with Cold Pour jointing compound to prevent water ingress.</p> <p>Refer to section details on how the roadway is to be formed.</p> <p><b>Drainage</b></p> <p>No requirement unless water falls towards the road. Contractors to exclude from their return.</p> <p>Should contractors feel there is a fall, please notify CA during tender stage.</p>		
	To Collection £	

	£	p
<p><b>Fencing</b></p> <p>Supply and install new Jacksons Euroguard regular (or equal approved) weld mesh fencing 2m high powder coated in standard RAL colour TBC. Posts to be set in GEN1 concrete, maximum gap under fence to be 40mm and all installed in line with manufacturers recommendations.</p> <p>Fencing is to be installed from the current secured boundary and 10m down the new access road (allowing 2nr car lengths) up the new access a gate.</p> <p>Double access gate is to be provided gates are to be equal width of the access road width of 4m wide.</p> <p><b>Access Gates</b></p> <p>Automation – typical requirements shown but the contractor is responsible for ensuring a suitable system has been put forward.</p> <ul style="list-style-type: none"> <li>• Allow for hi duty above ground hydraulic operations</li> <li>• Control panel</li> <li>• Steel lockable ip rated enclosure</li> <li>• Maglocks</li> <li>• Stainless steel armoured cable loops</li> </ul> <p><u>Automation</u></p> <ul style="list-style-type: none"> <li>• Hi duty Lux g bt above ground hydraulic operators.</li> <li>• Rigel 5 microprocessor control panel.</li> <li>• Steel lockable ip rated enclosure to house controls.</li> <li>• ES 500 stainless steel maglock.</li> <li>• Stainless steel armoured cable loops.</li> <li>• All associated conduits cable and connections.</li> </ul> <p><u>Safety devices to comply with current legislation</u></p> <ul style="list-style-type: none"> <li>• Set fl130 infrared photocells mounted between gate posts.</li> <li>• vertical 8.2k rubber safety edges and back plates.</li> <li>• Horizontal 8.2k rubber safety edges and back plates.</li> </ul>		
To Collection £		

	£	p
<p><b>Access control</b></p> <ul style="list-style-type: none"> <li>• <del>Free exit induction loop installed below road surface.</del></li> <li>• Stainless steel fire brigade drop key switch.</li> <li>• Net 2 entry video Intercom call panel for entry as shown below</li> <li>• Vehicle gates require ANPR for staff vehicles</li> </ul> <p><b>Method of operation</b></p> <p>Authorised staff and personnel shall either present a fob to reader, or type in a 4-digit code if this facility is required and programmed, Visitors shall make a call through the intercom call panel, reception etc shall answer the call on the video handset, once authorised reception etc can open the gates by depressing unlock on the handset.</p> <ul style="list-style-type: none"> <li>• Exit from site shall be by means of driving over the free exit induction loop.</li> <li>• The gates shall close and lock automatically.</li> <li>• Emergency access to the school in the event of a fire shall be by means of fire brigade drop key.</li> <li>• The gates can be set to open automatically by built into software timer during busy periods if required.</li> </ul> <p>The contractor is to allow for necessary; Maglocks, Net 2 entry video Intercom call with fob access, cabling and all associated works to facilitate the installation on an existing door set.</p> <p>All access control must be MiFare accessible</p> <p>Contractors are to allow for all ducting for the new access gates, assume that it must be ducted back to the main school.</p>		
	To Collection £	

Speed Bump / Signage	£	p
<p>The contractor is to allow for the supply and installation of 1nr Seton Speed Bump with Strengthening Rail – 10MPH to the new entrance road as show on the proposed plans.</p>		
<p>Contractor is to ensure the speed bump has been installed in accordance with the manufacturer's instructions.</p>		
<p>The contractor is to allow for 1nr 10mph speed sign to be installed adjacent of the speed bump.</p>		
<p>Contractor is to allow for 1nr no exit sign adjacent to the new gates.</p>		
<p>Contractor to allow for 1nr exit sign to the new gates.</p>		
<p>To Collection £</p>		

Line Marking	£	p
<p>Contractors are to allow for supply and installation of new thermoplastic line markings in white for the following item:</p> <ul style="list-style-type: none"> <li>• Hatching to the existing entrance / exit to form a an only exit route. <ul style="list-style-type: none"> <li>○ Circa 35m2</li> </ul> </li> <li>• Large arrow and Exit text</li> <li>• Large arrow and Entrance Text</li> <li>• 3 large direction arrows</li> <li>• Line marking for the road junction</li> </ul> <p>Locations of markings are shown on the proposed drawings.</p>		
To Collection £		

	£	p
<p><b>Completion</b></p> <p>Upon completion, the Contractor is to ensure that any disturbed areas are made good.</p> <p>Ensure the entire site and all areas affected by the works are left clean and tidy. Remove all debris and any redundant plant and materials from the site.</p> <p>Contractors are to allow for the reinstatement of any damage's surfaces following completion of the project, soft and hard landscaping.</p> <p>O&amp;M manuals are to be provided by the contractor upon completion, including fire door certification. Without certification, doors will not be certified for payment.</p>		
<p><b>Provisional Sums</b></p>		
<p>Undefined provision sum for Planning Requirements £15,000.00</p>		
<p>To Collection £</p>		

	<u>COLLECTION</u>	£	p
	Page 4/1		
	Page 4/2		
	Page 4/3		
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	Page 4/5		
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## Section 5 Contingency Sums

## 5.0 - Contingency Sums

Include the following contingency for expenditure upon the instruction of the Contract Administrator.

	£	p
Allowance for Unforeseen Works	£10,000.00	

## Section 6 Final Summary

## 5.0 - Final Summary

Section 1 – Invitation to Tender

Section 2 – Preliminaries and General Conditions

Section 3 – Works Schedule

Section 4 – Contingency Sums

£

p

## Appendix A Form of Tender



## Form of Tender

For **St Martin's Catholic Voluntary Academy– Carpark Alterations**  
On Behalf of **St Thomas Aquinas Catholic Multi-Academy Trust**

I/We having read the Conditions of Contract and the Specification and Drawings delivered to me/us do hereby offer to execute and complete the whole of the works described for the following Fixed Price Sum:

.....

.....(£.....)

(20% VAT £.....)

I/We undertake in the event of your acceptance to execute with you a Form of Contract embodying all the conditions and terms contained in this offer.

I/We understand that the cost of preparing this tender is to be borne entirely by the Contractor.

I/We agree that this is a wholly bona-fide tender and the tender price will not be divulged to any person or body before the time for the submission of the tender.

I/We agree that the Employer will observe the general principles contained in JCT Practice Note 2017

I/We undertake to complete the Works within the period stated in the specification.

I/We understand that the lowest or any tender will not necessarily be accepted.

**I/We understand that this tender remains open for consideration for 60 days from the date fixed for the submission of tenders.**

Dated this..... day of ..... 2021

Name of Contractor:.....

Registered Office:.....

.....

Signature of Contractor:.....

This tender must be returned no later than date and time detailed on the Invitation to Tender

## Appendix B Tendering Declaration



## Tendering Declaration

Works: **For St Martin's Catholic Voluntary Academy– Carpark Alterations**  
On Behalf of **St Thomas Aquinas Catholic Multi-Academy Trust**

Page 1 of 3

In response to the Invitation to Tender for St Joseph's Catholic Voluntary Academy, Mansfield Fire Compliance Project, I/We, the undersigned, confirm that in submitting a tender against this contract that I/We

- 1 declare that to the best of my/our knowledge the answers submitted and information contained in this document are correct and accurate.
- 2 understand that the information submitted within this tender will be used in the selection process to assess my/our organisations suitability to be awarded the Contract.
- 3 understand that the Customer may reject this submission in its entirety if there is a failure to answer all the relevant questions fully, or if false/misleading information or content is provided in any section.
- 4 certify that I/We have not done, and I/We will not, at any time before the notification of tender results, do any of the following:
  - 4.1 Communicate to any person other than the person calling for the tenders the amount or approximate amount of the proposed Tender, except where the disclosure, in confidence, of the approximate amount of the tender is necessary to obtain insurance premium quotations required for the preparation of the tender;
  - 4.2 Enter into any agreement or arrangement with any person that he/she shall refrain from tendering or as to the amount of any tender to be submitted;
  - 4.3 Offer to pay or give or agree to pay any sum of money or valuable consideration directly or indirectly to any person for doing or having done or causing or having caused to be done in relation to this or any other tender or proposed tender for the said work any act or thing of the sort described above. In the context of this clause the word 'person' includes any persons and any body or association, corporate or unincorporated; and 'any agreement or arrangement' includes any such transaction, formal or informal, and whether legally binding or not.
- 5 undertake that this offer shall remain valid and open for acceptance for a period of 90 days from the date of submission unless specifically withdrawn in writing.



### Tendering Declaration Continued...

- 6 understand that the Customer is not bound to accept any tender it receives.
- 7 contract and agree, on the acceptance of this tender, in whole or part, to perform the services detailed in the Specification, at the prices and terms quoted, and in accordance with the terms and conditions of the Contract.
- 8 accept the terms and conditions of the Contract set out in the Invitation to Tender, to which this tender is my/our response, and I/we undertake to perform any contract awarded as a result of this tender in strict conformity with those terms and conditions.
- 9 understand that my/our responses to the questions posed in this Invitation to Tender including any explicit or reasonably implied undertakings, will form part of any contract subsequently entered into between myself/ourselves and the Customer.
- 10 confirm that if our tender is accepted we will, if required, upon request and without delay:
  - (a) Produce evidence that all relevant insurances and compliance certificates with relevant legislation and policy are held and in force;
  - (b) Sign a formal contract document if required;
- 11 ~~confirm that I/we understand and will comply with the retrospective rebate provision as detailed in Section 2, Introduction and key contract requirements, of the Invitation to Tender, Part A, supported by clause 16 in the terms and conditions of the Framework Agreement.~~
- 12 agree that unless and until a Contract is prepared and executed, this tender, together with your written acceptance thereof, shall constitute a binding contract between us.
- 13 certify that the information supplied is accurate to the best of my/our knowledge and I/we accept the conditions and undertakings requested in this Invitation to Tender. I/We understand that false information could result in my/our exclusion from further participation in this and future tender processes.

**Tendering Declaration Continued...**

14 Am/are aware of the consequences of serious misrepresentation.

This Tendering Declaration should be signed by a director, partner or other senior authorised representative in his/her own name and on behalf of the organisation.

SIGNED by \_\_\_\_\_ (Designation e.g. Director)

Name in capitals \_\_\_\_\_

For and on behalf of \_\_\_\_\_

Date \_\_\_\_\_

## Appendix C

### Freedom of Information Exclusions Schedule

## Freedom of Information Exclusions Schedule

Tenderers' attention is drawn to the Conditions of Tender and the Terms and Conditions of the Contract.

As a public body, the Customer is subject to the provisions of the Freedom of Information Act 2000 (FOIA) in respect of information it holds (including third-party information). Any member of the public or other interested party may make a request for information.

The Customer shall treat all Tenderers' responses as confidential during the procurement process, but may receive requests information after the Contract is awarded which it will need to consider, applying the principles of the FOIA. More information is available on [www.ico.org.uk](http://www.ico.org.uk)

While the Customer aims to consult with third-party providers of information before it is disclosed, it cannot guarantee that this will be done. Therefore, Tenderers are responsible for ensuring that any confidential or commercially sensitive information is identified to the Customer below.

Tenderers are advised to refer to the FOIA to determine what they are entitled to identify as confidential or commercially sensitive. Simply stating that the entire document is confidential or commercially sensitive is unlikely to be acceptable and Tenderers should note that ultimate disclosure of information is at the sole discretion of the Customer. Failure to complete the below will result in the Customer considering that none of your tender submission is confidential or commercially sensitive.

Tenderers should state below which items of information (if any) supplied by them in their tender they regard as confidential or commercially sensitive or which should not be disclosed in response to a request for information under the FOIA. Tenderers should state why they consider the information to be confidential or commercially sensitive.

Confidential or commercially sensitive information

I believe that the following information is commercially sensitive:

**Freedom of Information Exclusions Schedule continued...**

The information above should not be disclosed to any third party for the following reasons (references to the Freedom of Information Act 2000 would be helpful):

The information should be treated as confidential or commercially sensitive until the following date(s):

SIGNED by \_\_\_\_\_ (Designation e.g. Director)

Name in capitals \_\_\_\_\_

For and on behalf of \_\_\_\_\_

Date \_\_\_\_\_

## Appendix D Documents to be Returned



## Documents to be Returned

I/We hereby acknowledge the return of the following documentation by email:

Tick as appropriate

1	Form of Tender (Appendix A)	
2	Tendering Declaration	
3	Freedom of Information Exclusion Schedule	
4	Priced Works Schedule	
5	Priced Section 5 (Contingency Sums)	
6	Priced Section 6 (Final Summary)	
7	Delivery Programme	
8	<b>A6. Non – Price Method Statement</b>	

Signed: .....

Date: .....

Position: .....

Company/Organisation: .....

.....

.....

If you have any questions or would like some advice regarding our services,  
don't hesitate to get in touch with us:

---

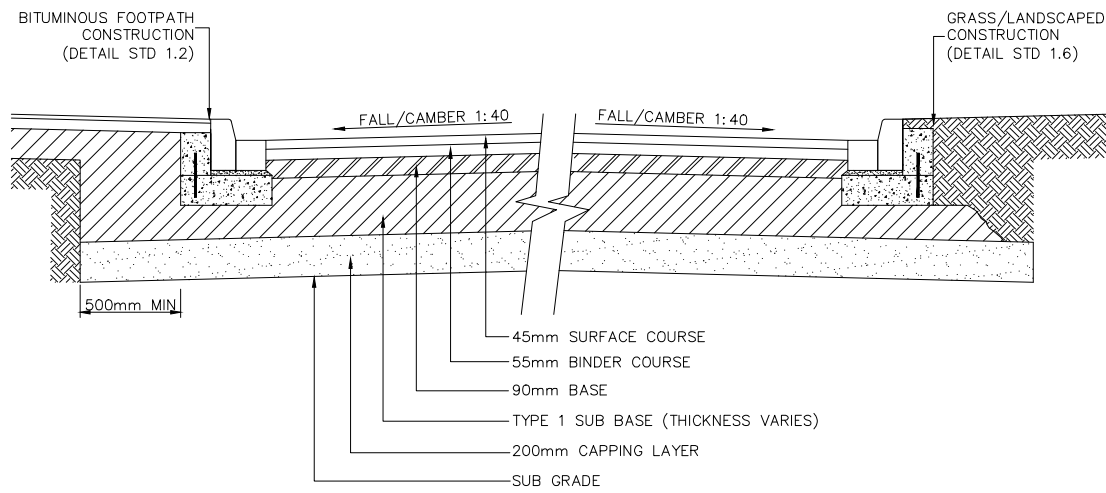
Pure Offices,  
Sherwood Park,  
Lake View Drive,  
Nottingham NG15 0DT

**t:** 0115 871 9606  
**e:** [enquiries@make-consulting.co.uk](mailto:enquiries@make-consulting.co.uk)

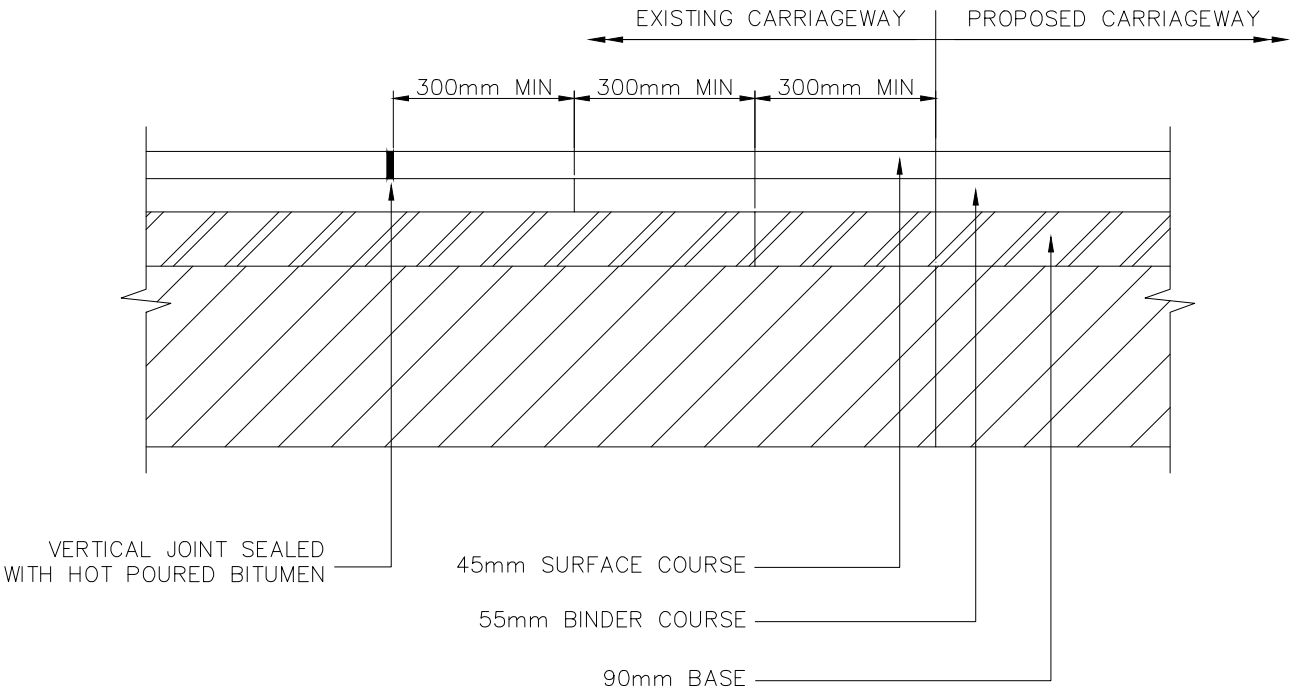
[make-consulting.co.uk](http://make-consulting.co.uk)



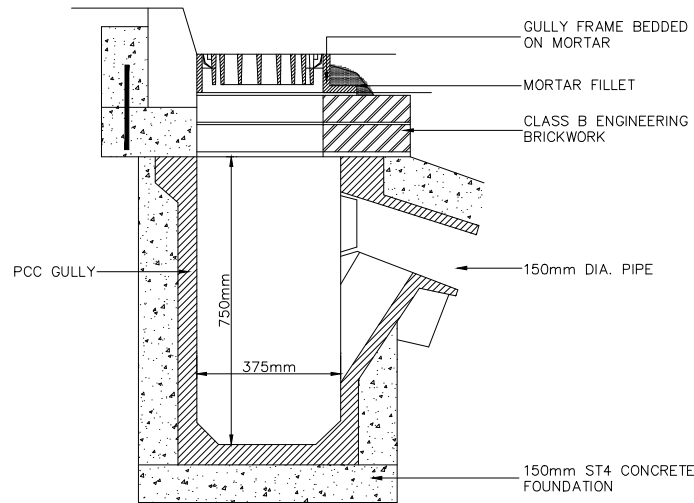




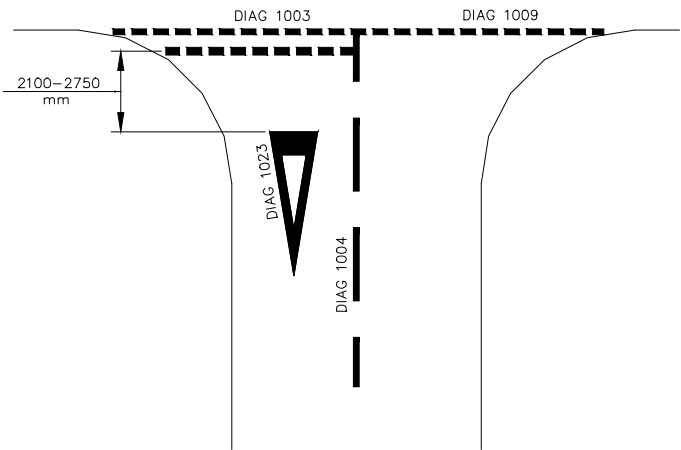
BITUMINOUS ROAD CONSTRUCTION  
NTS



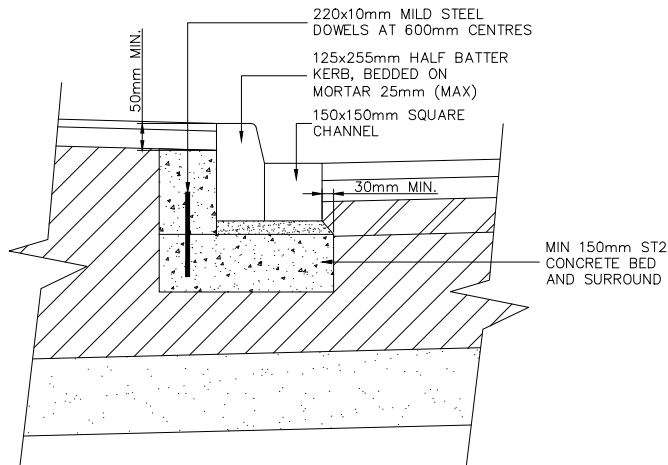
JOINTING INTO EXISTING ROAD SURFACING  
NTS



ROAD GULLY  
NTS



TYPICAL JUNCTION ROAD MARKINGS  
NTS



125x255mm HALF BATTERED KERB  
NTS

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**Drawing Issue Notes:**

Rev	Issue Date	Revision Notes:

**make consulting**

**Project**  
2213 - 0687

**Property Ref**  
STAT

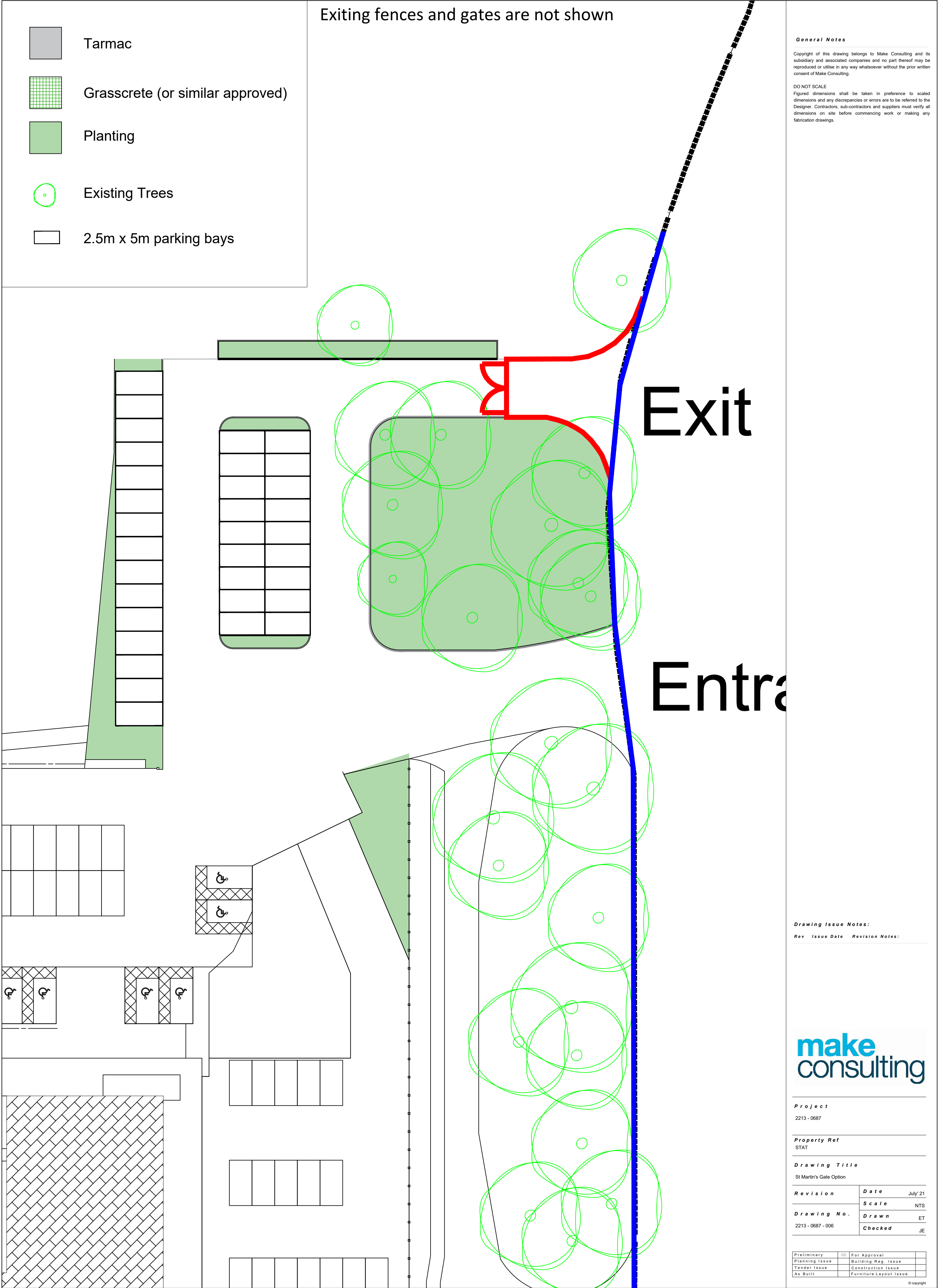
**Drawing Title**  
St Martin's, Carpark Indicative Drawings

Revision	Date	Scale
	July '21	NTS

Drawing No.	Drawn	Checked
2213 - 0687 - 005	ET	JE

Preliminary	For Approval	
Planning Issue	Building Reg. Issue	
Tender Issue	Construction Issue	
As Built	Furniture Layout Issue	

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**Drawing Issue Notes:**

Rev	Issue Date	Revision Notes:



**Project**

2213 - 0687

**Property Ref**

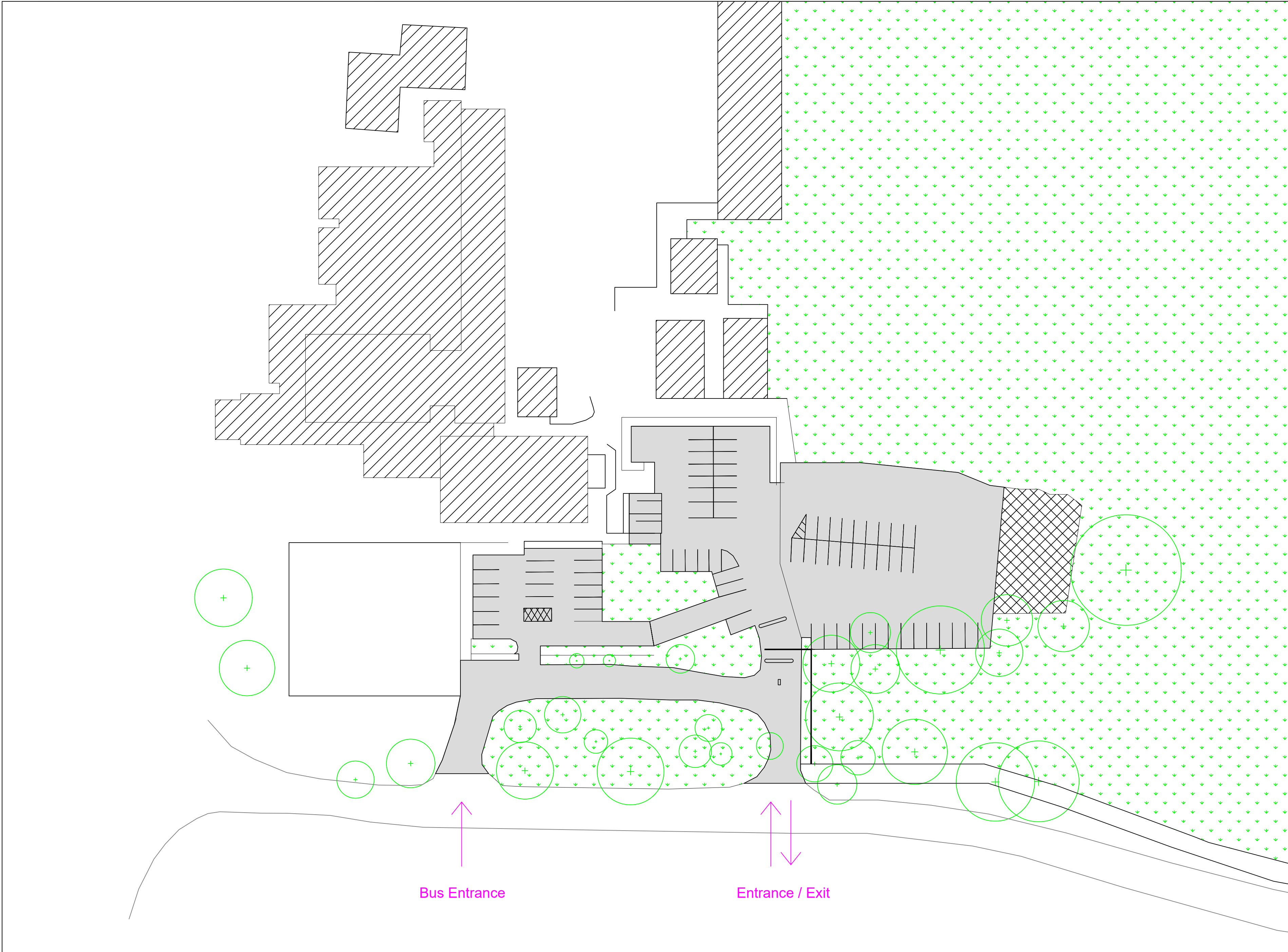
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**Drawing Title**

St Martin's Gate Option

Revision	Date	
	Scale	NTS
Drawing No.	Drawn	
	Checked	
2213 - 0687 - 006	ET	JE



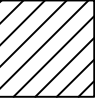

Preliminary	For Approval	
Planning Issue	Building Reg. Issue	
Tender Issue	Construction Issue	
As Built	Furniture Layout Issue	



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-  Bituminous Macadam
-  Grassed Area
-  School Buildings
-  Unsurfaced Parking

**Drawing Issue Notes:**

Rev Issue Date Revision Notes:



**Project**

Car Park Scheme

**Property Ref**

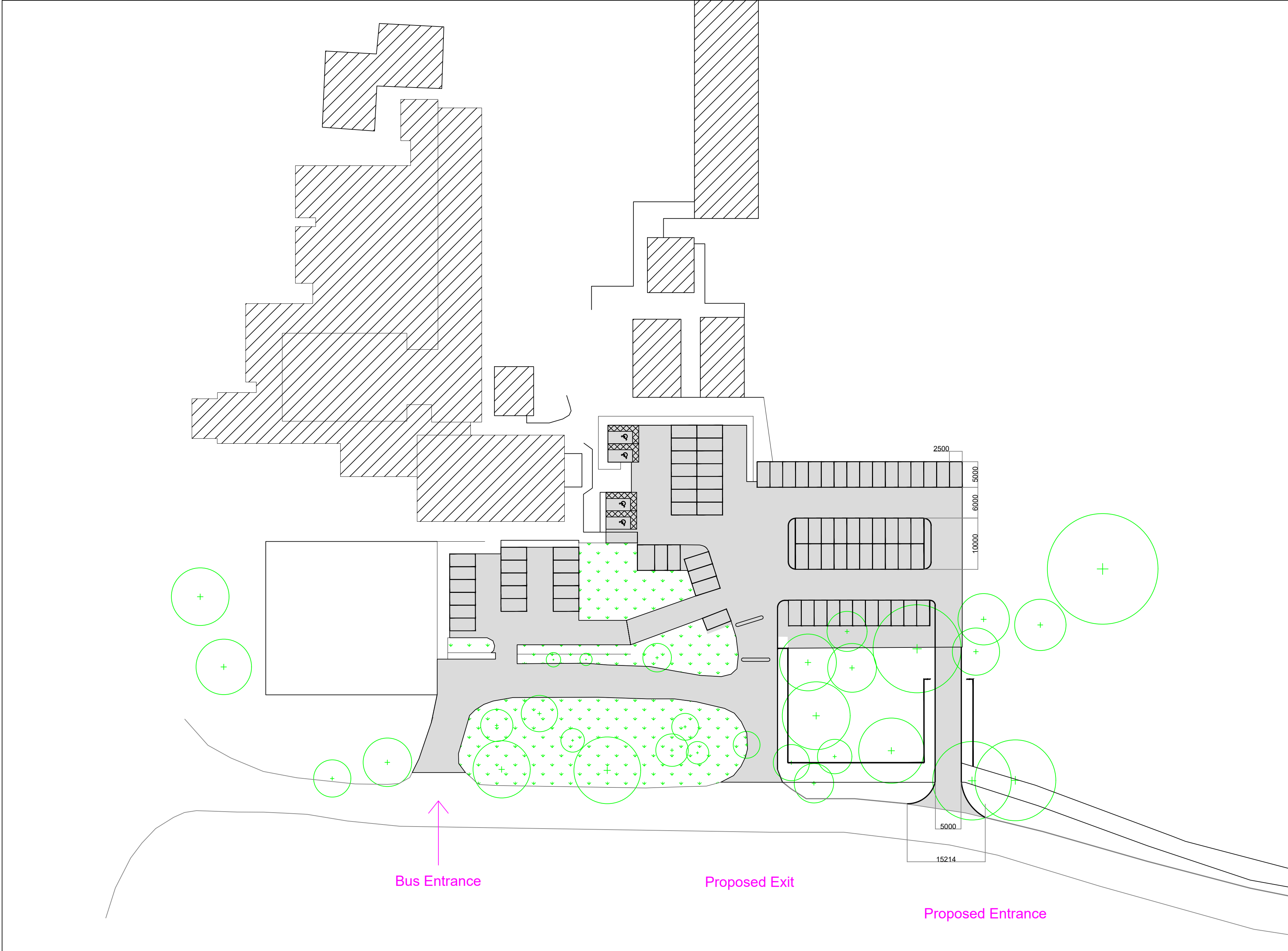
St Martin's Catholic Academy

**Drawing Title**

Existing Layout

Revision	Date	20/05/2021
	Scale	A2 @ 1:500
Drawing No.	Drawn	VB
	Checked	JE



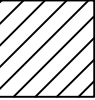

Preliminary	For Approval	
Planning Issue	Building Reg. Issue	
Tender Issue	Construction Issue	
As Built	Furniture Layout Issue	



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-  Bitumous Macadam
-  Grassed Area
-  School Buildings
-  Unsurfaced Parking

**Drawing Issue Notes:**

Rev Issue Date Revision Notes:



**Project**

Car Park Scheme

**Property Ref**

St Martin's Catholic Academy

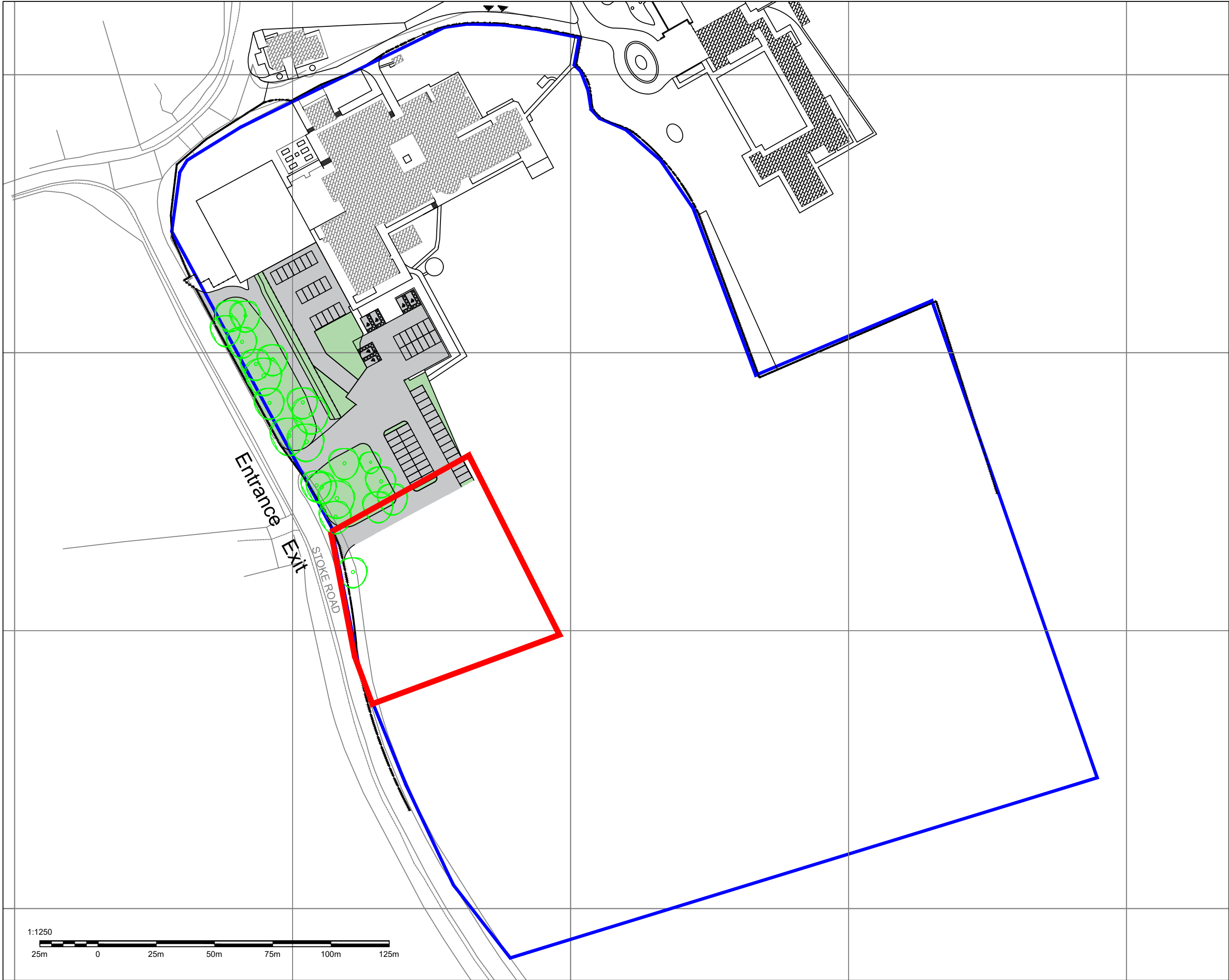
**Drawing Title**

Proposed Layout

Revision	Date	20/05/2021
	Scale	A2 @ 1:500
Drawing No.	Drawn	VB
	Checked	JE

Preliminary	For Approval	
Planning Issue	Building Reg. Issue	
Tender Issue	Construction Issue	
As Built	Furniture Layout Issue	





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**Drawing Issue Notes:**

Rev Issue Date Revision Notes:

**make**  
consulting

**Project**

St Martins Catholic Academy

**Property Ref**

THE NEWMAN CATHOLIC COLLEGIATE

**Drawing Title**

Planning

<b>Revision</b>	<b>Date</b>	24.06.2021
	<b>Scale</b>	A3 @ 1:1250
<b>Drawing No.</b>	<b>Drawn</b>	ET
	<b>Checked</b>	JR
2213-687-1201		

Preliminary	For Approval	
Planning Issue	Building Reg. Issue	
Tender Issue	Construction Issue	
As Built	Furniture Layout Issue	