

It is essential that if you notice the floor has expanded, evident by the floor creaking or becoming tight at the edges, you should contact DYNAMIK immediately to arrange a technical engineer to inspect the sprung system and playing surface.

If necessary, we will remove the pressure around the perimeter of the hall and trim the floor, which is free of charge during the first 12 months only. Failure to action the above can result in long term damage to your sports floor.

This maybe more prevalent in our Komfort Plus and Flexi-Beam Plus systems where the system panels are forced together with the pressure of expansion, making the individual panels more visible through the playing surface.

Use of Equipment

You should take care when:

- Collapsing equipment such as a trampoline, as when folded, they may fall over and damage the floor.
- Apparatus with wheels including bleacher seating should be free running and preferably rubber rather than nylon.
- If placing a piano in the hall it should be placed on a protective mat and carefully transported.
- Do not drag heavy objects as these may scratch the playing surface.
- For indoor cricket mats should be used at all times.

Entry Points into the Hall

It is recommended that access to the hall from an outside entrance should be avoided. This reduces the risk of dirt and debris being carried into the sports hall which may cause the floor to become slippery and lead to premature wear of the playing surface. We would also recommend the use of barrier matting wherever possible.

Footwear

To avoid scuff marks on your floor black soled shoes should not be worn. High heels or non-sporting shoes with unprotective heels should also be avoided.

Sports Floor Protection

In order to maintain the condition of your sports floor and prolong its life, a surface protection should be considered when the hall is used for exams or social events, such as concerts. This is essential for a wood finished floor and optional on our solid synthetic playing surfaces.

Please contact the DYNAMIK After Care and Maintenance Team to discuss your Sports Floor Protection requirements and for an official quotation.

Slippery Floor

Correct cleaning and maintenance procedures will help maintain the correct slip resistance requirements as per EN14904. DYNAMIK's After Care and Maintenance Team are on hand to assist you with advice and free quotations for a deep clean, scrub and reseal or sand and relacquer (timber only) procedures.

Should any claim be made against DYNAMIK due to slip resistance or slip reduction, we reserve the right to have access to proof of purchase of the specified cleaning products used over a rolling 12 month period, weekly maintenance records and sign-off sheets, and proof of competence of the company or cleaning personnel engaged.

Game Lines

The life expectancy of the game lines will depend on the type of use, hours of usage and maintenance procedures. Please contact DYNAMIK's After Care and Maintenance Team for a quotation for reapplication of game lines when required.

Occasionally adhesive tape is suggested for additional or temporary line marking, however, this should not be used since this can damage the playing surface.

Mobile Access Equipment / Maximum Distributed Loadings

Mobile access equipment is often used in order to carry out high level repairs, be this painting, roof repairs or simply the replacement of light bulbs. These are very heavy therefore in order to accommodate the loadings it is essential that 18mm tongue and grooved (T & G) plywood panels are positioned to distribute the load, or if this is not available 2 layers of 9mm plywood panels, offsetting each layer so no joints coincide.

For the avoidance of doubt the 18mm T & G plywood or 2 layers of 9mm plywood must be installed onto a clean playing surface and mobile access equipment moved into its operating position by being manoeuvred over the plywood – it should never be manoeuvred straight onto an unprotected surface.

Often damage is caused to the playing surface by the floor not being clean and dirt being pressed into the surface by forces imposed by turning wheels. We recommend that any equipment using wheels on the playing surface should incorporate high quality rubber as opposed to nylon since the latter often incorporates a sharp ridge that can cause surface damage, including unsightly linear or point indentations.

If asked we would recommend the following mobile access equipment; Genie AWP30, Nifty 120, Nifty 120T, Genie 1530, Genie 1532 or Genie 1930.

	Without plywood protection*	With 18mm T&G plywood protection / 2 layers of 9mm plywood
Flexi-Beam Elite and Komfort Elite (except Komfort Elite Pro)	500kg /m ²	750kg /m ²
Komfort Elite Pro only	750kg /m ²	1,250kg /m ²
Komfort Plus, Flexi-Beam Plus, and Montreal with a solid vinyl, solid PU, linoleum or rubber.	500kg /m ²	750kg /m ²

**Although a floor without plywood protection can take a distributed load of 500kg/m² it can only take a rolling load of 200kg/m². Accordingly, plywood protection should be incorporated when rolling any heavy sports equipment or mobile access equipment over the floor.*

Maximum Point Loadings

For small areas (typically up to 1,500mm² - approximately 40x40mm) the point load must be considered. The **point load should never exceed 150g /mm²**. This is relevant for example when tables and chairs are used on a sports floor.

Cleaning Instructions – Synthetic Finish

It is imperative that these instructions are adhered to from handover, if they are not the manufacturer's warranty may be affected.

DYNAMIK recommend using cleaning products as detailed below (contact DYNAMIK for more information).

These instructions must be followed and undertaken by a competent person and training records should be kept.

Regular checks must be made to ensure that cleaners are using the correct cleaning products, that the specified cleaning regime is being followed and that records are being kept. These checks should be carried out by someone other than the cleaner, and if the correct products are not being used or machinery is not working or the floor is becoming dirty or slippery then this should be reported to the relevant person.

We recommend the use of a scrubber dryer for an effective cleaning regime. The floor must not be subjected at any time to any amount of standing water. In order to maintain your floor, you will need the following:

- Scrubber dryer
- Red pads
- V Mop
- Cleaning and maintenance products

Daily Cleaning

Collect and remove all surface dust and debris using a V Mop. The V mop must be kept clean and dust free at all times to maintain its effectiveness.

Weekly Cleaning

The floor should be mechanically cleaned once a week or every 35 hours of use.

- Collect and remove all surface dust and debris using a V Mop as per daily clean.
- Clean the floor with Bona Sportive Cleaner as per the manufacturer's guidelines.
- We recommend the use of a standard speed rotary scrubber dryer (150 – 250 rpm) fitted with a Red Pad.
- One side of a red pad will clean approximately 100m² of floor surface. Therefore, each pad should be turned over or changed to ensure a new side of pad is used to clean each 100m².
- At the end of each cleaning session these pads should be washed thoroughly ready for future use.

Deep Clean *

You may find that your floor will benefit from a deep clean every 3 – 6 months and the re-application of a liquid floor maintainer.

- Collect and remove all surface dust and debris using a V Mop as per daily clean.
- Clean the floor with Bona Sportive Cleaner PLUS as per the manufacturer's guidelines.
- We recommend the use of a standard speed rotary scrubber dryer (150 – 250 rpm) fitted with a Red Pad.
- One side of a red pad will clean approximately 100m² of floor surface. Therefore, each pad should be turned over or changed to ensure a new side of pad is used to clean each 100m².
- At the end of each cleaning session these pads should be washed thoroughly ready for future use.

* The frequency of when such works need to be carried out depends on the hours of use of the facility, the quality of the day to day maintenance regime and whether or not the floor is protected during non-sporting events.

General Advice

- Remove spills of tea, coffee, squash etc. with a cloth dampened in warm water. Heavier contamination such as body fats, dirt and grease should be removed using a 'low foam' mild detergent, and then wiped with a clean damp cloth.
- Resilient floors can be damaged by solvents and any spillages or stains must be wiped up immediately as they may damage the surface.
- The above should be taken as a general guide since each individual facility can vary, for example if there is an excessive amount of airborne dust a more frequent cleaning regime will be required.
- Should you have any questions then please do not hesitate to contact DYNAMIK Sport.

Terms & Conditions

The following terms and conditions ("the Conditions") are the terms on which DYNAMIK ("the Company") sells goods and services to third party customers and supersedes all other terms and conditions used by the Company.

1. Orders, price and payment

- 1.1. No contract shall come into existence until the Company confirms the order for Goods/Services in writing
 - 1.2. All prices quoted are Nett and will be subject to VAT at the current prevailing rate ("the Price"). The quotation is based on the current Euro exchange rate at the date of quotation and the Company reserves the right to adjust the price should the exchange rate vary.
 - 1.3. We carry out credit checks in all cases. If financial checks prove unsatisfactory then we may be unable to extend credit facilities.
 - 1.4. If a performance bond should be required, we would wish to review the precise wording and charge for the provision of the bond.
 - 1.5. The Price provides for one continuous visit to site unless previously agreed.
 - 1.6. No allowance has been included for any subfloor preparation unless specified.
 - 1.7. Day work rates are: £34.00 / hour for skilled labour. £28.00 / hour for semi-skilled labour.
 - 1.8. The Company shall issue an invoice for the Price and payment shall be due within 30 days of the date of the invoice ("the Due Date"). If the invoice is not paid by the Due Date the Customer will be liable to an additional payment for reasonable liquidated damages. Interest shall accrue both before and after any court judgment on the unpaid portion of the invoice at the rate of 8% per annum above the bank base rate of Lloyds Bank plc.
- The above terms will apply unless otherwise agreed in a formal signed contract.

2. Goods/Services

The description and quantity of the Goods/Services to be provided shall be as set out in the quotation ("the Quotation") unless otherwise agreed in a formal signed contract.

3. Requirements for Work To Be Carried Out

- 3.1. All works shall be carried out during normal working hours.
- 3.2. If requested to carry out work out of hours we will make an additional charge.
- 3.3. If we are required to carry out work out of hours no costs will be charged to the Company by the contractor/the Customer for supervision or management.
- 3.4. The site should be free from other trades and materials.
- 3.5. The site should be tested prior to works commencing to confirm that it is watertight.
- 3.6. Relative humidity of the sub-floor must be less than 75% as set out in the British Standard BS8203.
- 3.7. Relative humidity levels in the atmosphere should be maintained between 35% and 65% at all times during installation and thereafter.
- 3.8. Permanent lighting to be fully functional and available at all times. Task lighting is not acceptable.
- 3.9. Permanent heating to be on 24 hours prior to work commencing, providing a constant room temperature of between 12 degrees Centigrade and 26 degrees Centigrade. This temperature must be maintained during the works and after completion 24 hours per day.

3.10. If permanent heating is not available then a dry heating system should be provided for the duration of the installation works free of charge.

3.11. For the Komfort Plus and Komfort Elite systems – the level tolerance of the sub-floor to be no greater than 3mm variance under a 3m straightedge.

3.12. For the Flexi-Beam Plus and Flexi Beam Elite Systems – the level tolerance of the sub-floor to be no greater than +/- 15mm from Datum (this is SR3 tolerance under the British Standard 8204).

3.13. Any adjoining slabs must be cut back to the door threshold location prior to the Company's commencement of works, and any internal or external doors should be fitted and be fully functional to avoid dust and debris during installation encroaching onto the works.

3.14. 110v power source to be available at all times in the immediate area of the Company's works. This cannot be shared with other contractors.

3.15. Where sanding of the flooring is required a 240v supply in the immediate area of the works is required.

3.16. Skips are to be provided by the client free of charge for the removal of all waste unless otherwise agreed and provided for in our quote.

3.17. Forklift is to be provided by the client free of charge for the offloading of the floor system together with driver unless otherwise agreed and provided for in our quote.

3.18. Hard standing access to be provided of sufficient quality to allow for lorry and forklift to unload materials directly to site area.

3.19. Client to provide necessary secure storage for our materials if they cannot be accommodated within the main hall for the duration of our works. Such storage to be within 50 metres of our main works, with climatic conditions similar to the main hall.

3.20. Failure to maintain continuity relating to clauses 3.6 to 3.10 as set out above between the installation and line marking of the flooring shall result in the necessity for cleaning of the flooring, and this will give rise to an additional charge raised by the Company.

4. Acceptance

The Company must be advised in writing of any defects in the Goods as soon as they are discovered by the Client who shall be deemed to have accepted the Goods if they have not been rejected within 14 days after completing the installation unless otherwise agreed.

5. Post-Installation/Handover

- 5.1. Line marking must be given 48 hours curing after it is completed.
- 5.2. Resealing works must be given 72 hours curing after completion.
- 5.3. Skirting is fixed in place using screws, the holes will not be filled to allow for the removal of the skirting in case the floor requires trimming.

5.4. The Customer must clean and maintain the flooring in accordance with the O&M Manual provided by the Company. Failure to do so will invalidate the warranty as referred to in clause 6 below.

5.5. Protection of the flooring after completion of its installation is not included in the Price unless otherwise agreed.

5.6. Protection of the floor following the completion of our works is the responsibility of the Client. We would recommend all works within the hall be completed before the installation of the floor, however if this is not possible and further works are required then

Terms & Conditions Continued

the floor should be protected – the degree of protection will depend on the works to be carried out. If there is simply foot traffic a “corex” sheet protection should suffice if however high-level works, storage, or similar works will occur within the hall we would recommend laying 18mm plywood entirely over a clean floor. This will enable mobile access equipment to be used over the whole of the floor subject to the following loadings being distributed over the floor for different floor systems. The weights quoted below refer to the maximum distributed load per square metre and for the Komfort Plus and Flexi-Beam Plus systems apply only where a solid finish is applied.

Maximum Distributed Load	Without 18mm plywood protection	With 18mm T&G plywood protection / 2 layers of 9mm plywood
Flexi-Beam Elite	500 kg /m ²	750 kg /m ²
Komfort Plus	500 kg /m ²	750 kg /m ²
Komfort Elite Pro	750 kg /m ²	1,250 kg /m ²
Komfort Elite Active	500 kg /m ²	750 kg /m ²
Flexi-Beam Plus	500 kg /m ²	750 kg /m ²
Montreal	500 kg /m ²	750 kg /m ²

5.7. The Company is able to provide maintenance services subject to quotation and contract in order to assist in maintaining your floor and warranty.

6. Warranty and Limitation of Liability

6.1. The Company warrants the DYNAMIK Sport Floor Systems as noted below for use in a sports hall for multi-use purposes on the proviso that the floor is protected when used for non-sport purposes. Protection can include vinyl or carpet tiles.

25-year warranty	Komfort Elite, Flexi-Beam Elite, Komfort Plus, Flexi-Beam Plus and Montreal systems only.
10-year warranty	Surface finishes applied to Komfort Plus, Flexi-Beam Plus and Montreal systems including vinyl, linoleum, rubber and PU.

6.2. Specifically excluded from the warranty are all wearing parts to include access covers, threshold cover plates, skirting, and line marking.

6.3. Unless permitted by statute, the Company will not be liable for any defect arising from fair wear and tear, wilful damage, negligence, misuse, alteration or repair of the flooring without the Company's approval.

6.4. No warranty is given in relation to the colour of the flooring. Wood is a natural product and is subject to shade variations on both the floor and the skirting.

6.5. The warranty does not cover issues arising directly or indirectly from the failure of the building structure, settlement of the building

walls or floors, mechanical failure, excessive dryness, or excessive moisture from humidity, damp migration through the slab or walls, or any other source.

6.6. No liability for breach of the warranty will arise for any defects if the flooring is not maintained in accordance with the O&M Manual.

6.7. Relative humidity levels in the atmosphere should be maintained between 35% and 65% at all times during installation and thereafter.

6.8. Permanent heating to be on 24 hours prior to work commencing, providing a constant room temperature of between 12 degrees Centigrade and 26 degrees Centigrade. This temperature must be maintained during the works and after completion 24 hours per day.

6.9. Save in respect of personal injury or death due to any negligence on the part of the Company, the Company shall not be liable to the Customer in respect of any loss suffered by the Customer due to any defect in the Goods. The extent of the Company's liability in the event of a breach of the warranty shall be limited to the replacement of the flooring to an equivalent specification, to include uplift, disposal and relay.

6.10. Without prejudice to 6.9, the Company shall not be liable to the Customer or any third party for any loss of profit, consequential or other economic loss suffered by the Customer arising in any way from this Agreement.

6.11. The warranty referred to herein shall be void if the Price has not been paid by the Customer by the Due Date for payment.

7. Force Majeure

The Company shall not be liable for any default due to any circumstances beyond the reasonable control of the Company including, but not limited to, acts of God, war, civil unrest, riot, strike, lock-outs, acts of civil or military authorities, fire, flood, earthquake or shortage of supply.

8. Trading Name

These terms and conditions apply to DYNAMIK Sport Surfaces Limited (Company Number 03382883) and Derwent Flooring Limited (Company Number 02210627) of Unit 10, Enterprise Trade Centre, Roman Farm Rd, Hengrove Way, Bristol, BS4 1UN trading as “DYNAMIK”.

9. General

9.1. If any term or provision of these Conditions is held invalid, illegal or unenforceable for any reason by any Court of competent jurisdiction, such provision shall be severed and the remainder of the provisions hereof shall continue in full force and effect.

9.2. The headings in these Conditions are for ease of reference only and shall not affect the interpretation of any of these Conditions.

10. Third Party Rights

Notwithstanding any other provision of these Conditions, nothing herein shall confer or be intended to confer a benefit on any third party for the purpose of the Contract (Rights of Third Parties) Act 1999 or for any other purpose.

11. Entire Agreement

These Conditions constitute the whole of the contract and supersede all prior representations, understandings, agreements or arrangements. As such any variation to the terms of these Conditions must be agreed in writing by the Company.

12. Governing Law and Jurisdiction

The laws of England and Wales shall govern these Conditions and the parties hereby submit to the exclusive jurisdiction of the English Courts.

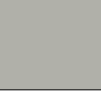
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NOTES:

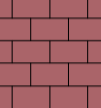
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H 2502-Y

 = Wetherby Silicone 1.5mm
H 2020-G90Y

 = Wetherby Silicone 1.5mm
H 3030-Y50R

 = Kingspan XL Forte
Shiraz RAL 3004

 = Kingspan Spectrum Metallic
Silver RAL 9006

 = AAB Staplefield stock brick

 = Block TBC

C04	Final Issue	14/09/20	JH	KC
C03	Render colours H 2502-Y & H 2020-G90Y swapped tags	16/06/20	EA	TD
C02	Revised detail	13/06/19	EA	TD
C01	Construction Issue	08/07/19	EA	TD
P1	First Issue	10/05/19	EA	TC

REV	REASON FOR REVISION	DATE	BY	CHK
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CLIENT:

Caledonian

PROJECT REF:

Haygrove School

DESCRIPTION:

External Elevations

DOCUMENT REFERENCE No:

136917 - CAL - MB - EL - DR - W - 00-0200

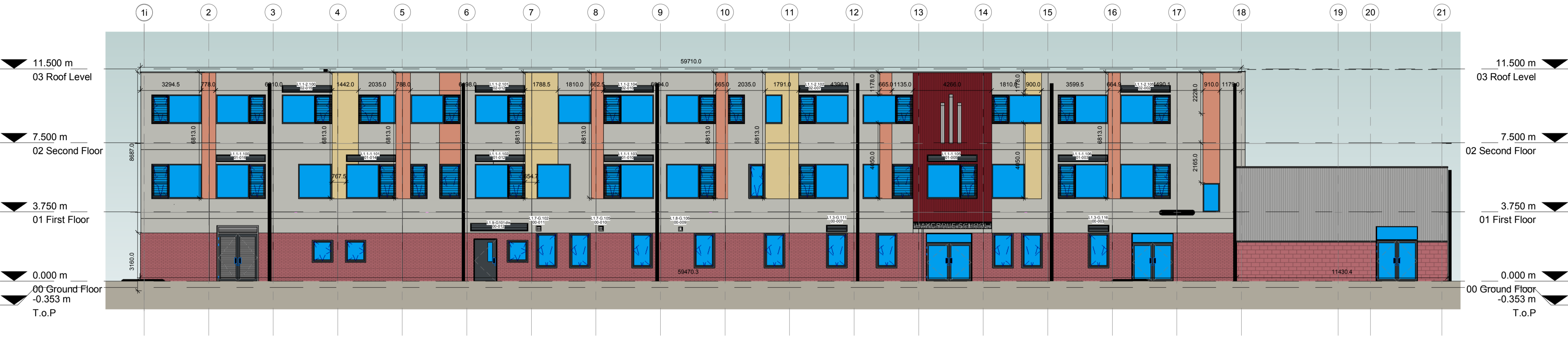
Project Orig Volume Level Type Role Class Numeric

SCALE @ A1: As indicated REV: C04

CONTRACT NUMBER: 136917 DATE: 10/02/2020

INFORMATION STATUS: FINAL ISSUE

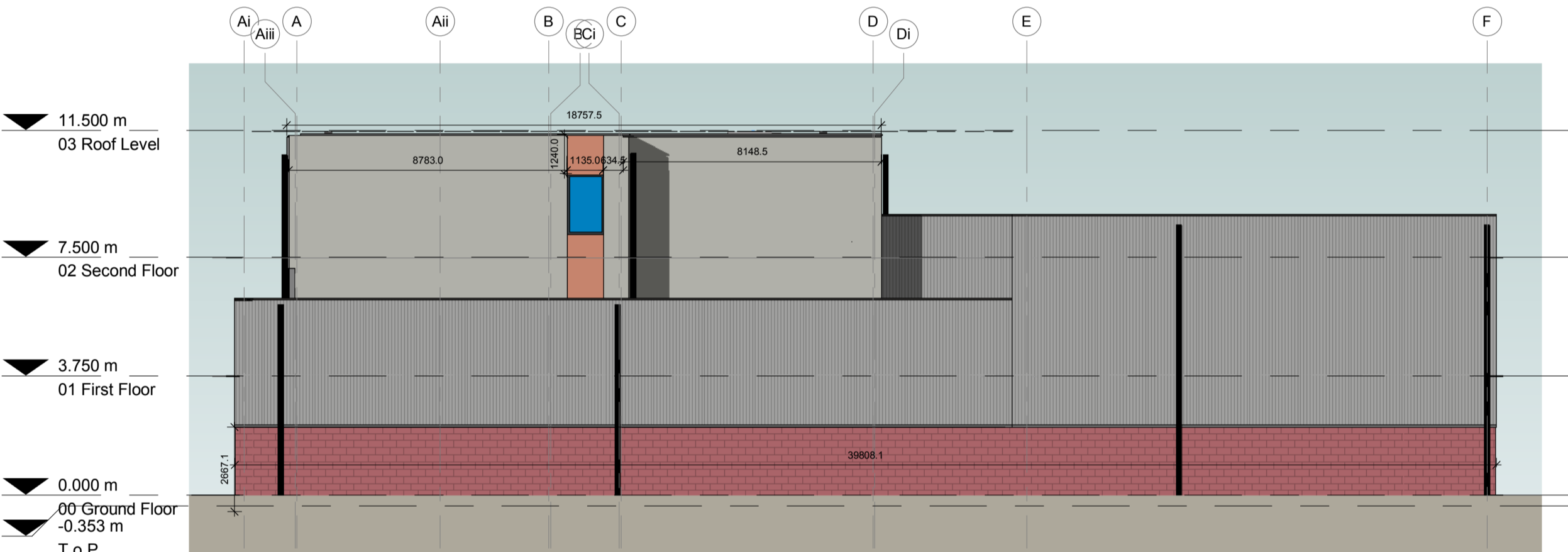
SUBCONTRACTOR COMPANY TRADE NAME SUBCONTRACTOR CONTRACT REF. No



South Elevation



West Elevation



East Elevation



North Elevation

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NOTES:

KEYPLAN:



MATERIALS KEY:

- Brick plinth
Colour: Red, to match existing Art Nouveau building
- Fairfaced blockwork plinth to hall block
Colour: 1b
- Through coloured render
Colour: Light grey + bands of colour as elevations
- Kingspan Micro-Rib wall panel
Colour: Silver
- Kingspan Micro-Rib wall panel above entrance
Colour: Silver
- Aluminium window system inc. louvres & shading devices
Frame colour: Dark grey
- Aluminium framed glazed doors
Frame colour: Dark grey
- Aluminium framed solid/louvered doors
Colour: Dark grey

Note: For Window/Door IDs, Dimensions, movement joints, etc.
refer to Detailed Elevations
13697-HLM-00-XX-DR-A-0012 & -0013

Rev	Issue	Issue	Date	By	Chk
Rev	Issue	Issue	Date	By	Chk
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Rev	Issue	Issue	Date	By	Chk



CLIENT:



PROJECT REF:
HAYGROVE SCHOOL

REVISION:
GA ELEVATIONS SHEET 1

DOCUMENT REFERENCE No:

136917-HLM-00-XX-DR-A-00-0010

Ref	Orig	Zone	Level	Type	Role	Classification	Change No.
SCALE @ A0: 1:100						REV: P08	
CONTRACT NUMBER:						DATE: 15.10.2018	
SUITABILITY:							

1:100 0 10 M



E01 South Elevation



E02 West Elevation

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refer to Detailed Elevations
136917-HLM-00-XX-DR-A-0012 & -0013

136917-HLM-00-XX-DR-A-00011	20.10.2018	BA	AWB
136917-HLM-00-XX-DR-A-00011	13.12.2018	DP	AO
136917-HLM-00-XX-DR-A-00011	07.12.2018	DP	AO
136917-HLM-00-XX-DR-A-00011	29.11.2018	DP	AO
136917-HLM-00-XX-DR-A-00011	27.11.2018	DP	AO
136917-HLM-00-XX-DR-A-00011	26.11.2018	DP	AO
136917-HLM-00-XX-DR-A-00011	23.10.2018	AT	DP
136917-HLM-00-XX-DR-A-00011	23.10.2018	AT	DP



CLIENT:



PROJECT REF:
HAYGROVE SCHOOL

REVISION:
GA ELEVATIONS SHEET 2

DOCUMENT REFERENCE NO:

136917-HLM-00-XX-DR-A-00-0011

Ref	Orig	Zone	Level	Type	Role	Classification	Change No.
136917-HLM-00-XX-DR-A-00-0011	1:100			REV: P008			
136917-HLM-00-XX-DR-A-00-0011				DATE: 15.10.2018			
136917-HLM-00-XX-DR-A-00-0011							

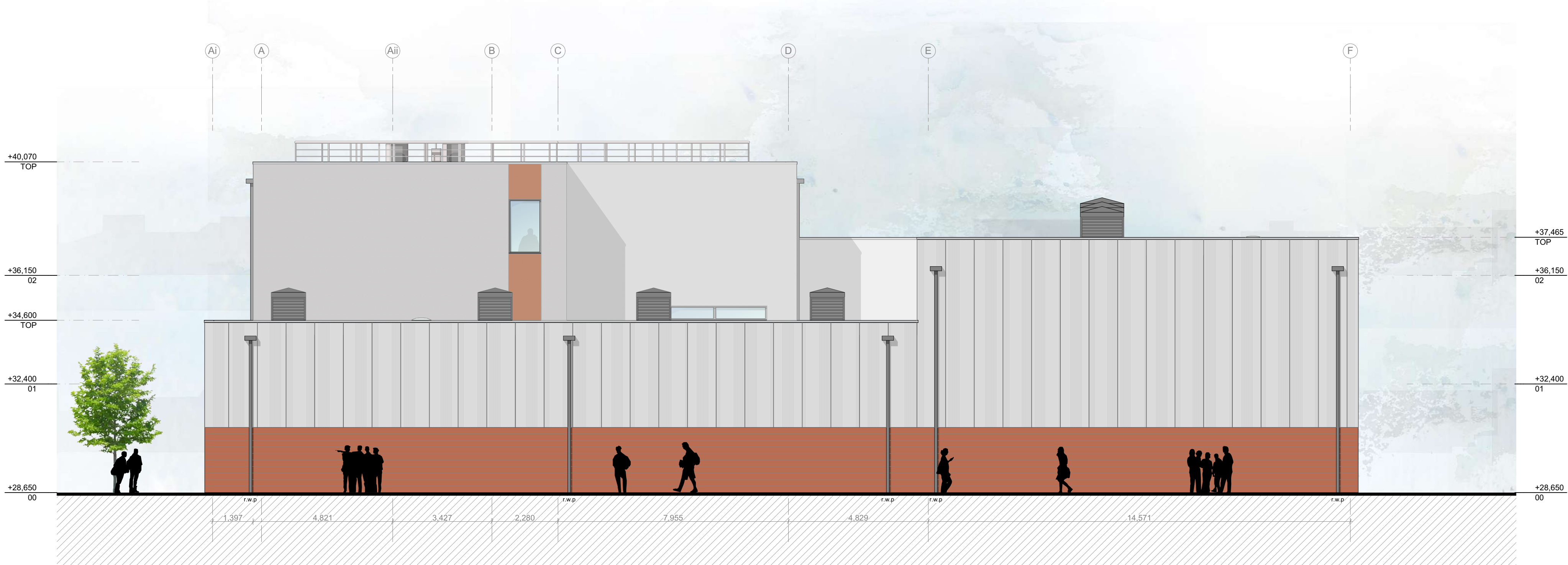
SUITABILITY:

1:100

30 M



E03 North Elevation



E04 East Elevation

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NOTES:

Fire Compartmentation Notes:

1. Fire compartmentation drawings to be read in conjunction with Caledonian drawing 0000-9001 details, associated Fire strategy & Fire Engineering report
2. All elements of structure are to be protected such that they achieve a 60mins period of fire resistance (R). This includes load bearing walls, floors, columns & beams
3. Internal wall and ceiling linings to be Class 0 in circulation and escape routes and large rooms, Class 1 in small rooms
4. Legend:
 - 30min fire compartment
 - 60min fire compartment
 - FD30 30min fire resistant door
 - FD30s 30min fire resistant door c/w cold smoke seal
 - Escape route & distance
 - VFB Vertical fire barrier
5. Fire compartmentation drawings to be read in conjunction with MEP design & provisions
6. Category L3 detection & alarm system
7. Cavity barriers are required in all voids with dims >20mm
8. Cavity barriers are required in cavities of external walls at every floor level, at a junction with compartment walls and around all windows/doors



1 01 First Floor - Fire Compartmentation Plan
1 : 150

C03	Final Issue updated	08/10/20	JH	KC
C02	Final Issue	14/09/20	JH	KC
C01	Construction Issue	20/03/19	DW	TC

REV	REASON FOR REVISION	DATE	BY	CHK
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CLIENT:

Caledonian

PROJECT REF:

Haygrove School

DESCRIPTION:

First Floor - Fire Compartmentation Plan

DOCUMENT REFERENCE No:

136917 - CAL - MB - 01 - DR - W - 00-0801

Project Orig Volume Level Type Role Class Numeric

SCALE @ A1: As indicated REV: C03

CONTRACT NUMBER: 136917 DATE: 22/09/20

INFORMATION STATUS: FINAL ISSUE

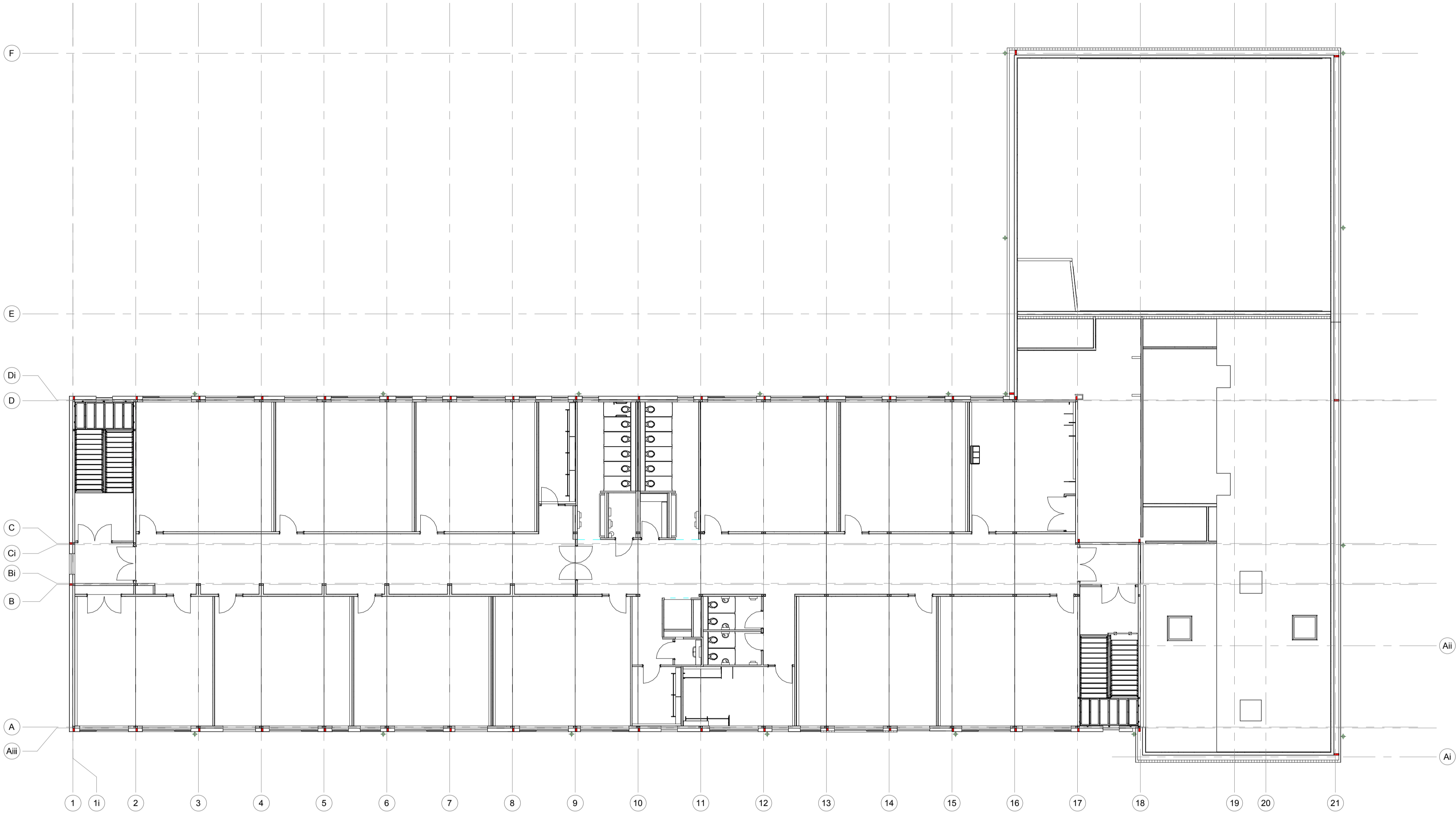
SUBCONTRACTOR COMPANY TRADE NAME SUBCONTRACTOR CONTRACT REF. No

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3. Do not scale directly from drawing - if in doubt ask!

NOTES:



1 01 First Floor - Cavity Barrier Layout
1 : 150

C01	Final Issue	14/09/20	JH	KC
P1	First Issue	02/10/19	DW	TD

REV	REASON FOR REVISION	DATE	BY	CHK
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CLIENT:

Caledonian

PROJECT REF:

Haygrove School

DESCRIPTION:

First Floor - External Wall Coordination Plan

DOCUMENT REFERENCE No:

136917 - **CAL** - **MB** - **01** - **DR** - **W** - **00-0805**

Project Orig Volume Level Type Role Class Numeric

SCALE @ A1: **1 : 150** REV: **C01**

CONTRACT NUMBER: **136917** DATE: **10/02/2020**

INFORMATION STATUS: **FINAL ISSUE**

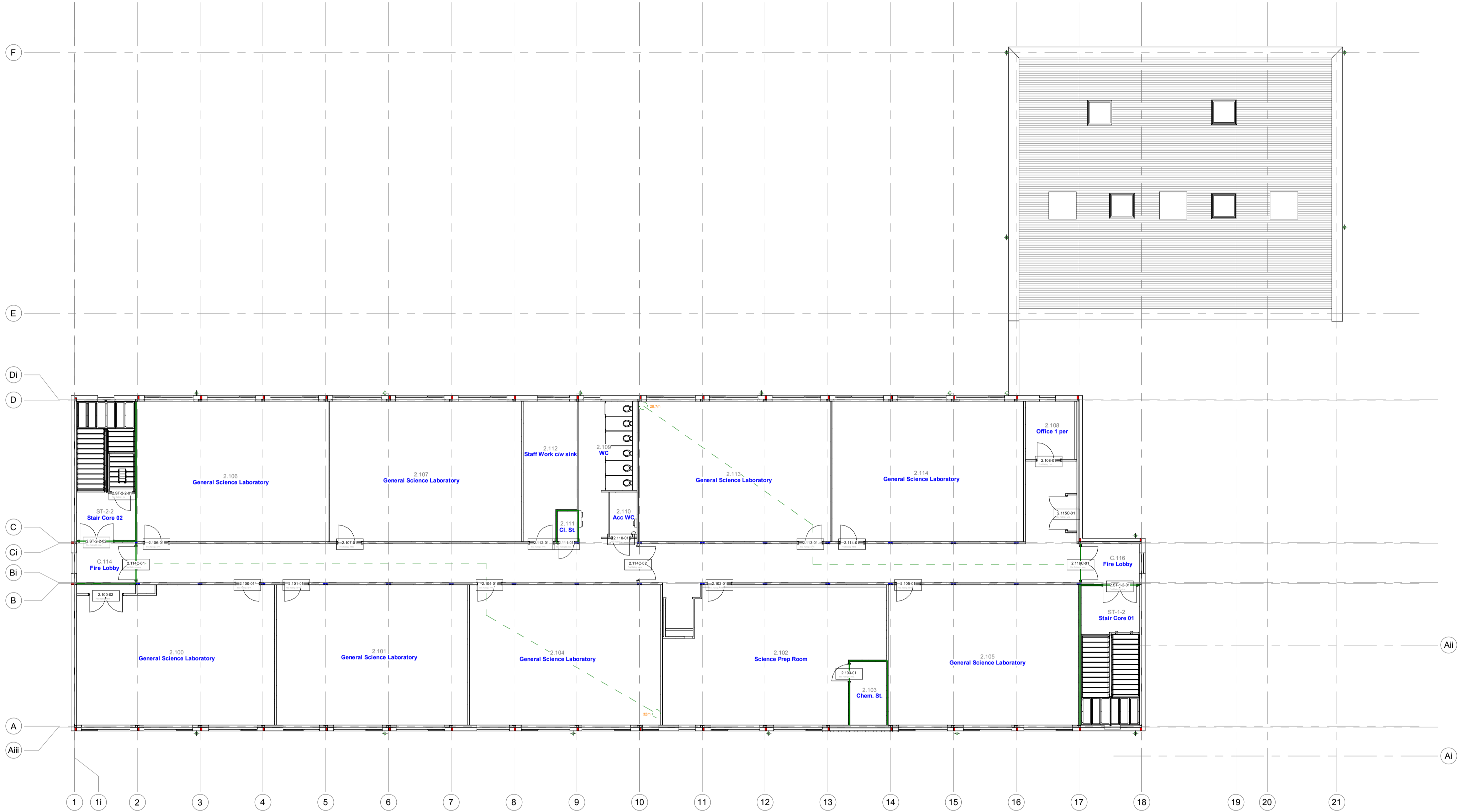
SUBCONTRACTOR COMPANY TRADE NAME SUBCONTRACTOR CONTRACT REF. No

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NOTES:

Fire Compartmentation Notes:

1. Fire compartmentation drawings to be read in conjunction with Caledonian drawing 0000-9001 details, associated Fire strategy & Fire Engineering report
2. All elements of structure are to be protected such that they achieve a 60mins period of fire resistance (R). This includes load bearing walls, floors, columns & beams
3. Internal wall and ceiling linings to be Class 0 in circulation and escape routes and large rooms, Class 1 in small rooms
4. Legend:
 - 30min fire compartment
 - 60min fire compartment
 - FD30 30min fire resistant door
 - FD30s 30min fire resistant door c/w cold smoke seal
 - Escape route & distance
 - VFB Vertical fire barrier
5. Fire compartmentation drawings to be read in conjunction with MEP design & provisions
6. Category L3 detection & alarm system
7. Cavity barriers are required in all voids with dims >20mm
8. Cavity barriers are required in cavities of external walls at every floor level, at a junction with compartment walls and around all windows/doors



1 02 Second Floor - Fire Compartmentation Plan
1 : 150

C04	Final issue updated	08/10/20	JH	KC
C03	Final issue	14/09/20	JH	KC
C02	Fire resistant construction revised in line with DfC report	29/06/20	DW	TD
C01	Construction issue	20/03/19	DW	TC

REV	REASON FOR REVISION	DATE	BY	CHK
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CLIENT:

Caledonian

PROJECT REF:

Haygrove School

DESCRIPTION:

Second Floor - Fire Compartmentation Plan

DOCUMENT REFERENCE No:

136917 - CAL - MB - 02 - DR - W - 00-0802

Project Orig Volume Level Type Role Class Numeric

SCALE @ A1: As indicated REV: C04

CONTRACT NUMBER: 136917 DATE: 22/09/20

INFORMATION STATUS: FINAL ISSUE

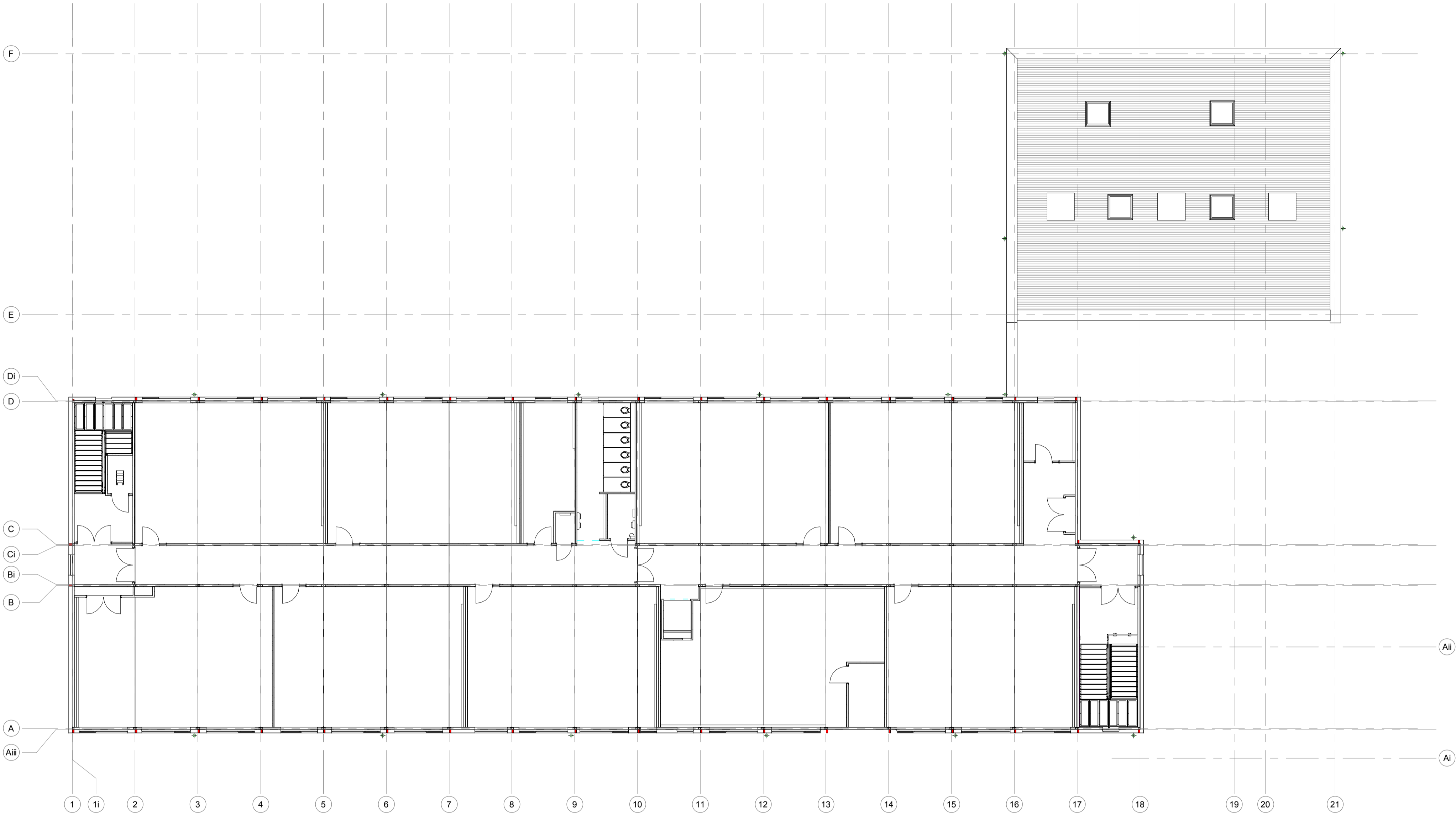
SUBCONTRACTOR COMPANY TRADE NAME SUBCONTRACTOR CONTRACT REF. No

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NOTES:



1 02 Second Floor - Cavity Barrier Layout
1 : 150

C02	Final Issue updated	08/10/20	JH	KC
C01	Final Issue	14/09/20	JH	KC
P1	First Issue	02/10/19	DW	TD

REV	REASON FOR REVISION	DATE	BY	CHK
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CLIENT:

Caledonian

PROJECT REF:

Haygrove School

DESCRIPTION:

Second Floor - External Wall Coordination Plan

DOCUMENT REFERENCE No:

136917 - CAL - MB - 02 - DR - W - 00-0806

Project Orig Volume Level Type Role Class Numeric

SCALE @ A1: 1 : 150

REV: C02

CONTRACT NUMBER: 136917

DATE: 22/09/20

INFORMATION STATUS: FINAL ISSUE

SUBCONTRACTOR COMPANY TRADE NAME

SUBCONTRACTOR CONTRACT REF. No

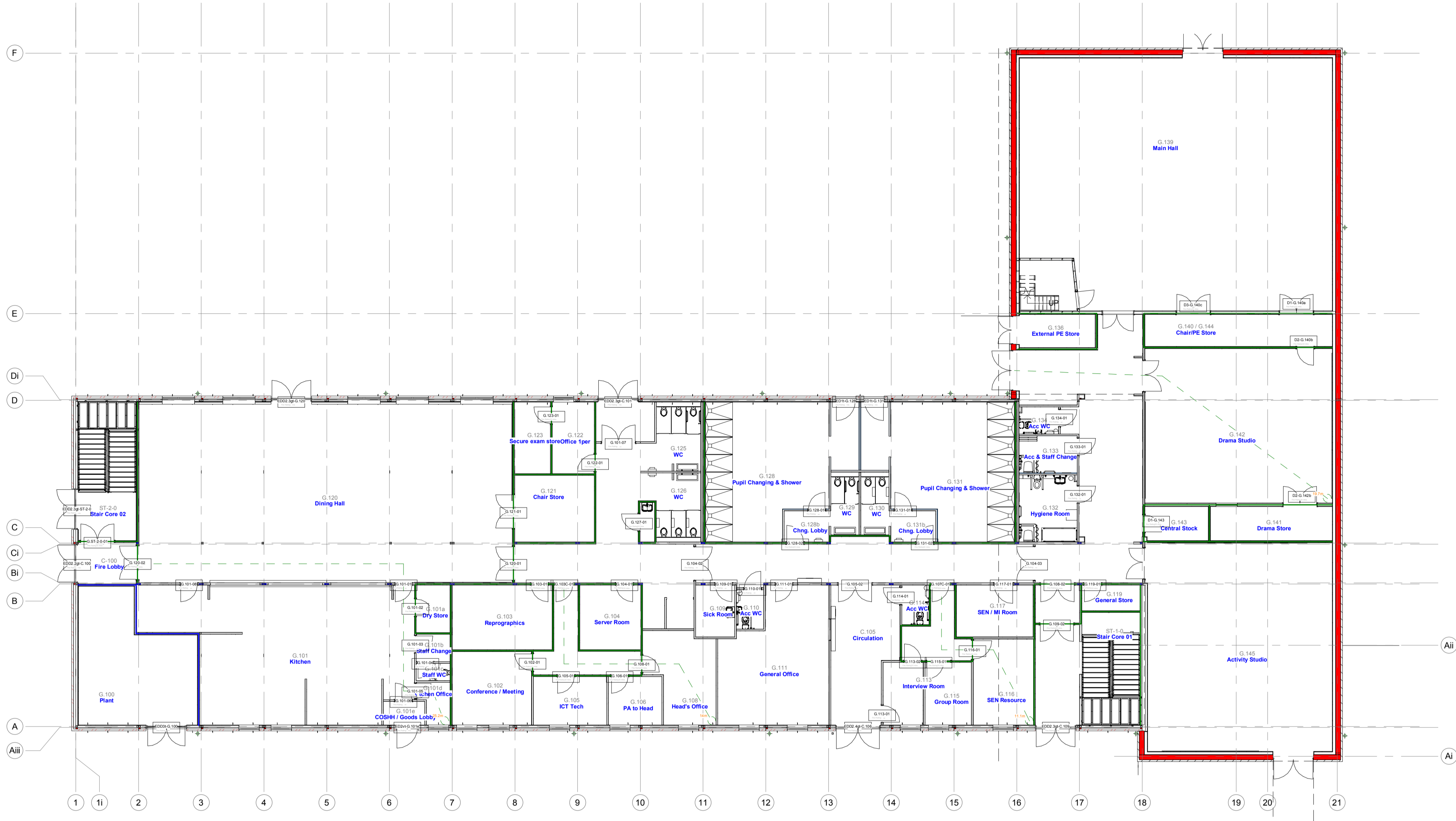
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Fire Compartmentation Notes:

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2. All elements of structure are to be protected such that they achieve a 60mins period of fire resistance (R). This includes load bearing walls, floors, columns & beams
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4. Legend:
 - 30min fire compartment
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 - FD30 30min fire resistant door
 - FD30s 30min fire resistant door c/w cold smoke seal
 - Escape route & distance
 - VFB Vertical fire barrier
5. Fire compartmentation drawings to be read in conjunction with MEP design & provisions
6. Category L3 detection & alarm system
7. Cavity barriers are required in all voids with dims >20mm
8. Cavity barriers are required in cavities of external walls at every floor level, at a junction with compartment walls and around all windows/doors



1 00 Ground Floor - Fire Compartmentation Plan
1 : 150

C07	Final Issue updated	08/10/20	JH	KC
C06	Final Issue	14/09/20	JH	KC
C05	Fire resistant construction revised in line with DFC report	29/06/20	DW	TD
C04	Fire Compartmentation to Traditional Area added	21/10/19	HD	TD
C03	Reconfiguration of reception area	23/07/19	EA	TD
C02	Revised to building updates	02/07/19	EA	TD
C01	Construction Issue	20/03/19	DW	TC

REV	REASON FOR REVISION	DATE	BY	CHK
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CLIENT:

Caledonian

PROJECT REF:

Haygrove School

DESCRIPTION:

Ground Floor - Fire Compartmentation Plan

DOCUMENT REFERENCE No:

136917	CAL	MB	GF	DR	W	00-0800
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Project	Orig	Volume	Level	Type	Role	Class	Numeric
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SCALE @ A1: As Indicated

CONTRACT NUMBER: 136917

DATE: 22/09/20




INFORMATION STATUS: FINAL ISSUE

SUBCONTRACTOR COMPANY TRADE NAME

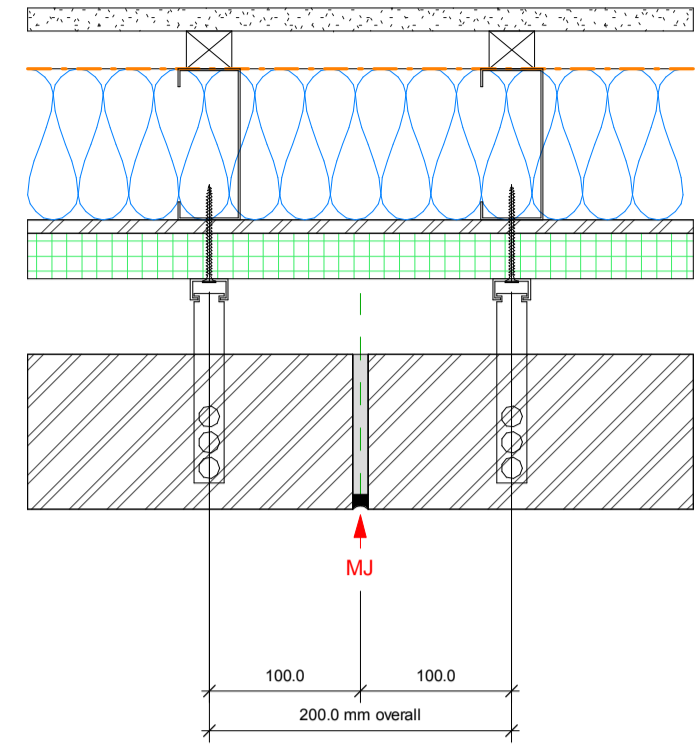
SUBCONTRACTOR CONTRACT REF. No

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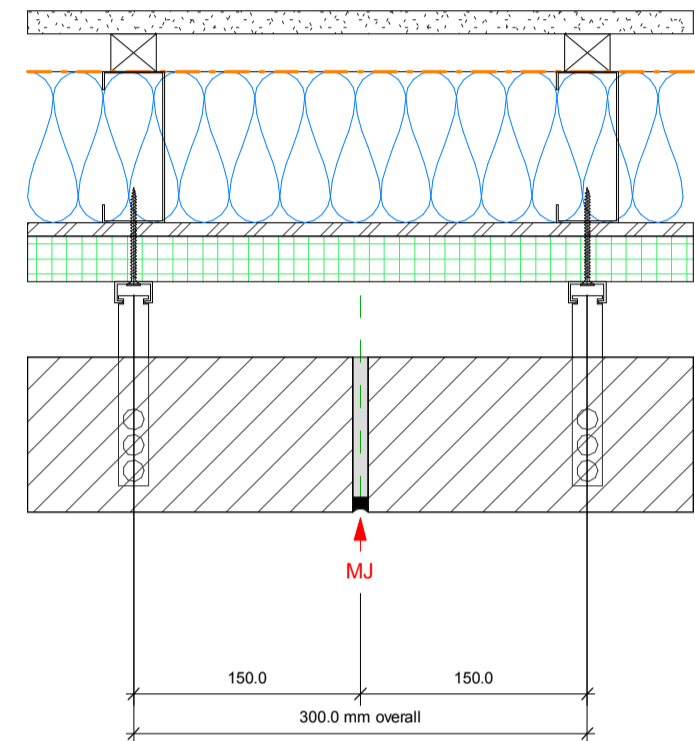
NOTES:

-  Cavity tray
-  Siniat Weather Defence board
-  Cavity barrier

1. Cavity barrier located on every gridline (typically right hand side of gridline as viewed from external elevation - South elevation and left hand side - North elevation)
2. Cavity barrier depth varies depending on facade finish
3. Cavity barrier specification
FSI Paraflam SEB (Option 01 - Brick & render)
Minimum 100mm thick
80 kg/m³ nominal density
Galvanised mild steel support bracket 25mm wide x 1mm thick, fitted through the centre of the Paraflam SEB cavity barrier material
Bracket fitted back to structural module framework at max of 250mm from each end of barrier length
Support bracket should be fitted with a minimum 75% penetration into the Paraflam material, but should not extend beyond face of the barrier
Paraflam SEV cavity barrier to be fitted under 10mm compression
Joints in material to be tightly butted together with self adhesive aluminium foil tape, min 50mm wide, fitted centrally over the joint
PFC Corofit C450 (Option 02 - Brick & render)
Minimum 100mm thick
80 kg/m³ nominal density
Galvanised mild steel support bracket 25mm wide x 1mm thick, fitted through the centre of the PFC Corofit C450 cavity barrier material
Bracket fitted back to structural module framework at max of 250mm from each end of barrier length
Support bracket should be fitted with a minimum 75% penetration into the Corofit material, but should not extend beyond face of the barrier
Corofit C450 cavity barrier to be fitted under 10mm compression
Joints in material to be tightly butted together with self adhesive aluminium foil tape, min 50mm wide, fitted centrally over the joint
4. Cavity barrier secured in place with mechanically fixed stick pins or similar
5. Cavity tray to cavity barrier to be sealed with mastic to provide water tight seal between each item
6. Brick ties to be @ nominal 600mm c/c's horizontally and max 450mm c/c's vertically
7. Block ties to be @ nominal 600mm c/c's horizontally and max 450mm c/c's vertically



Typical brick movement joint detail

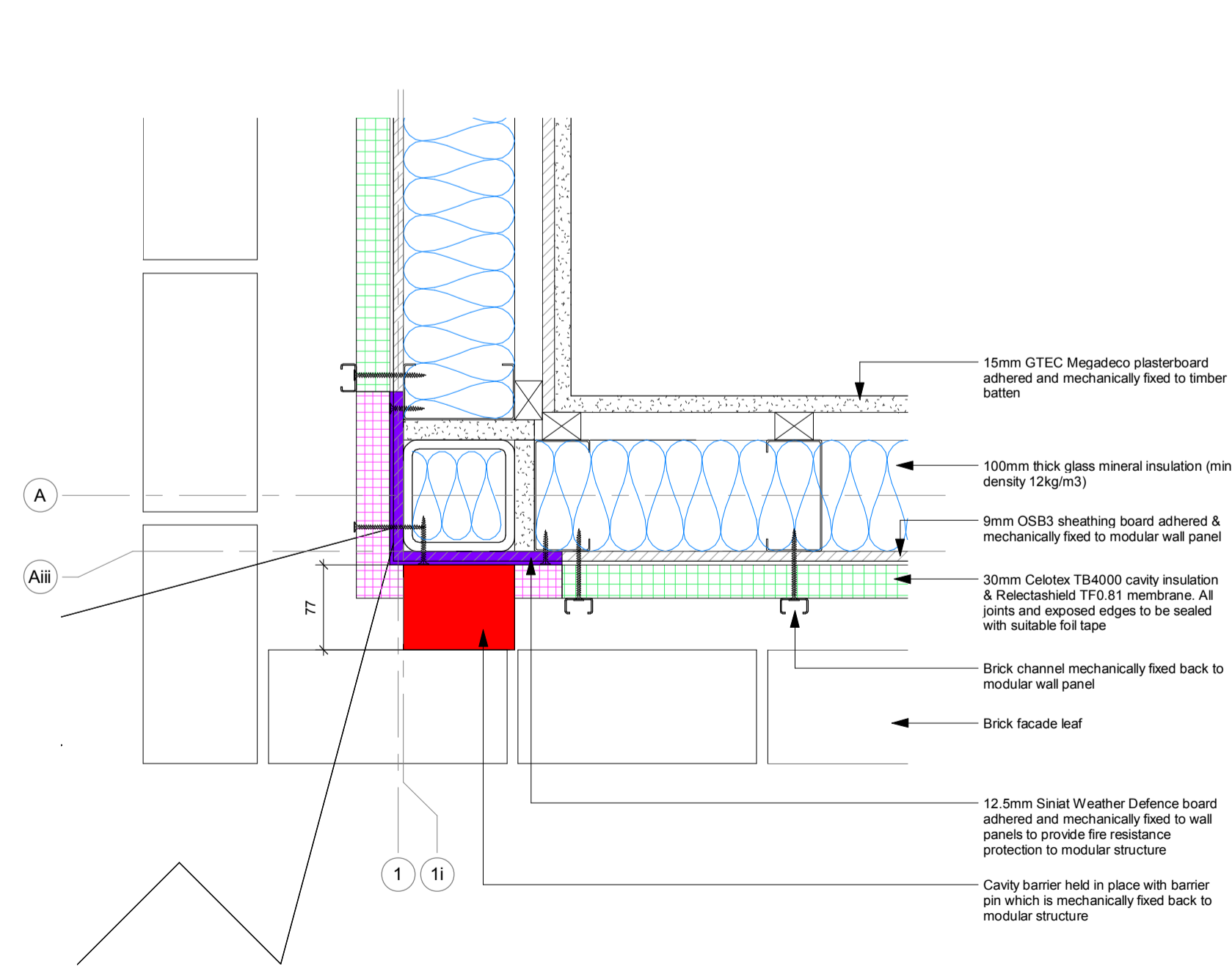


Typical block movement joint detail

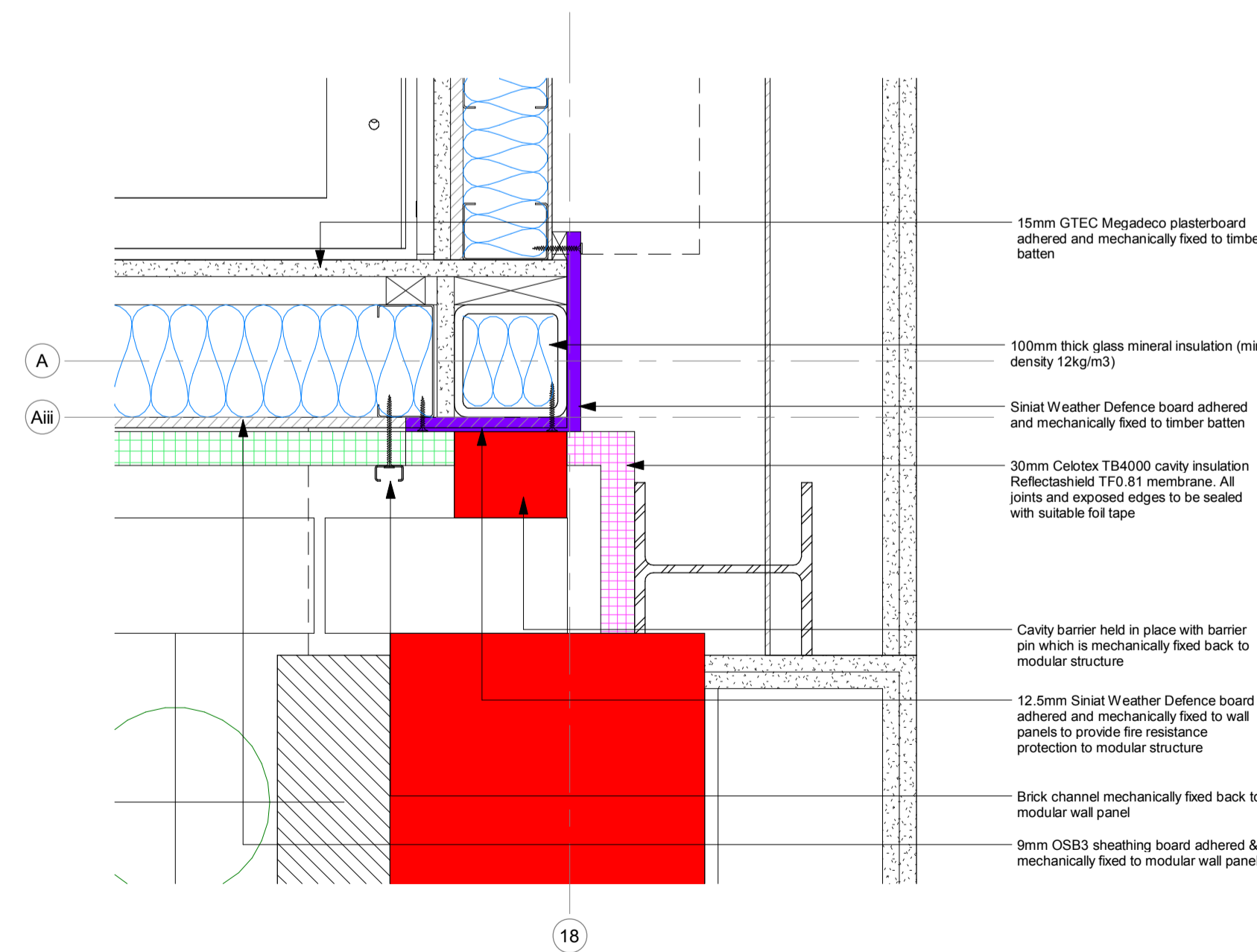
2 Brickwork Details
1 : 5



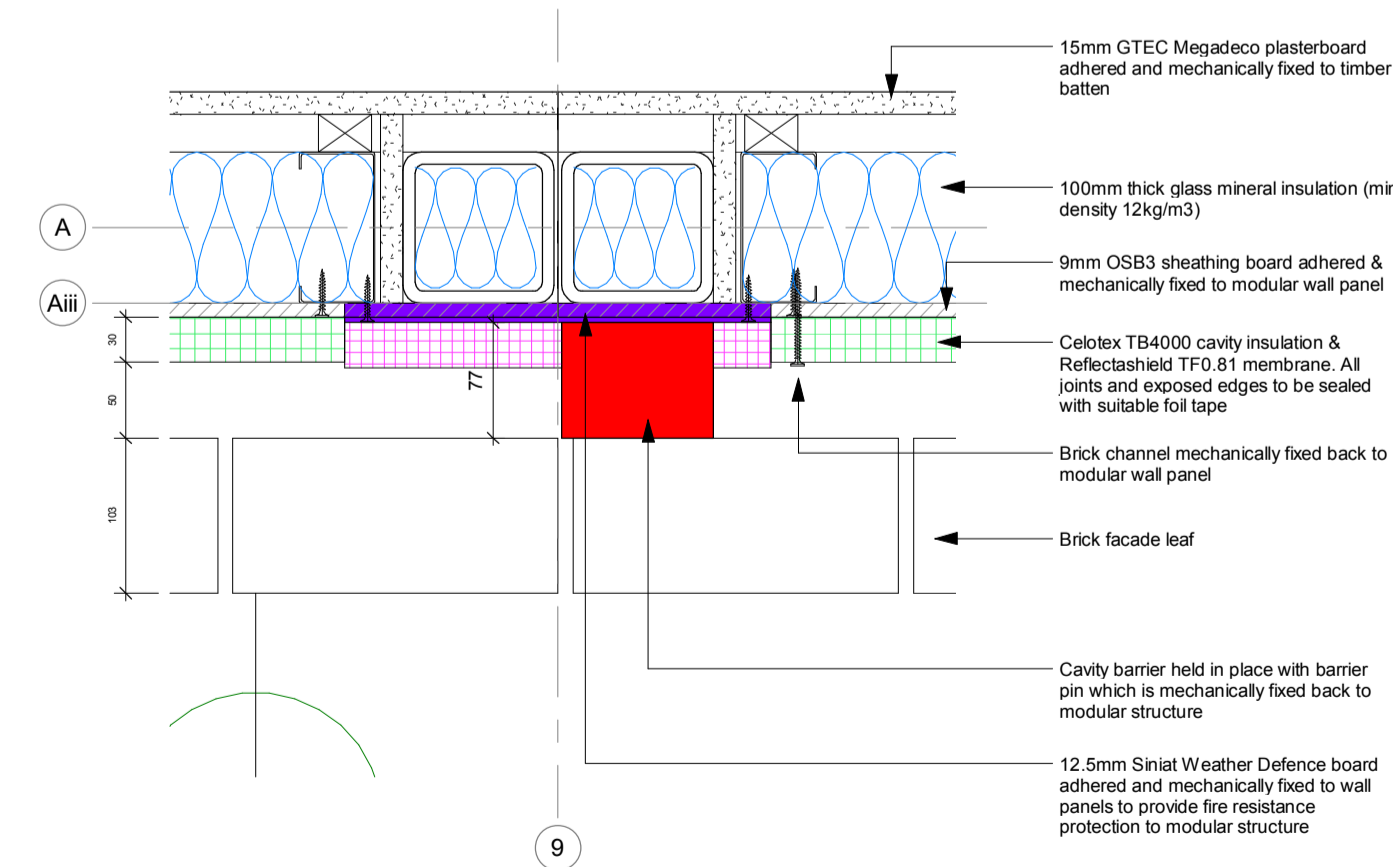
1 00 Ground Floor - Cavity Barrier Layout
1 : 150



3 00 Ground Floor - Cavity Barrier Detail 01
1 : 5



4 00 Ground Floor - Cavity Barrier Detail 02
1 : 5



5 00 Ground Floor - Cavity Barrier Detail 03
1 : 5

C02	Final Issue	14/09/20	JH	KC
C01	Brick channel dimensions added to modular area	13/11/20	DW	TD
P2	Blockwork movement joint to traditional area added	22/10/19	HD	TD
P1	First Issue	02/10/19	DW	TD

REV	REASON FOR REVISION	DATE	BY	CHK
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CLIENT:

Caledonian

PROJECT REF:

Haygrove School

DESCRIPTION:

Ground Floor - External Wall Coordination Plan

DOCUMENT REFERENCE No:

136917 - CAL - MB - GF - DR - W - 00-0804

Project Orig Volume Level Type Role Class Numeric

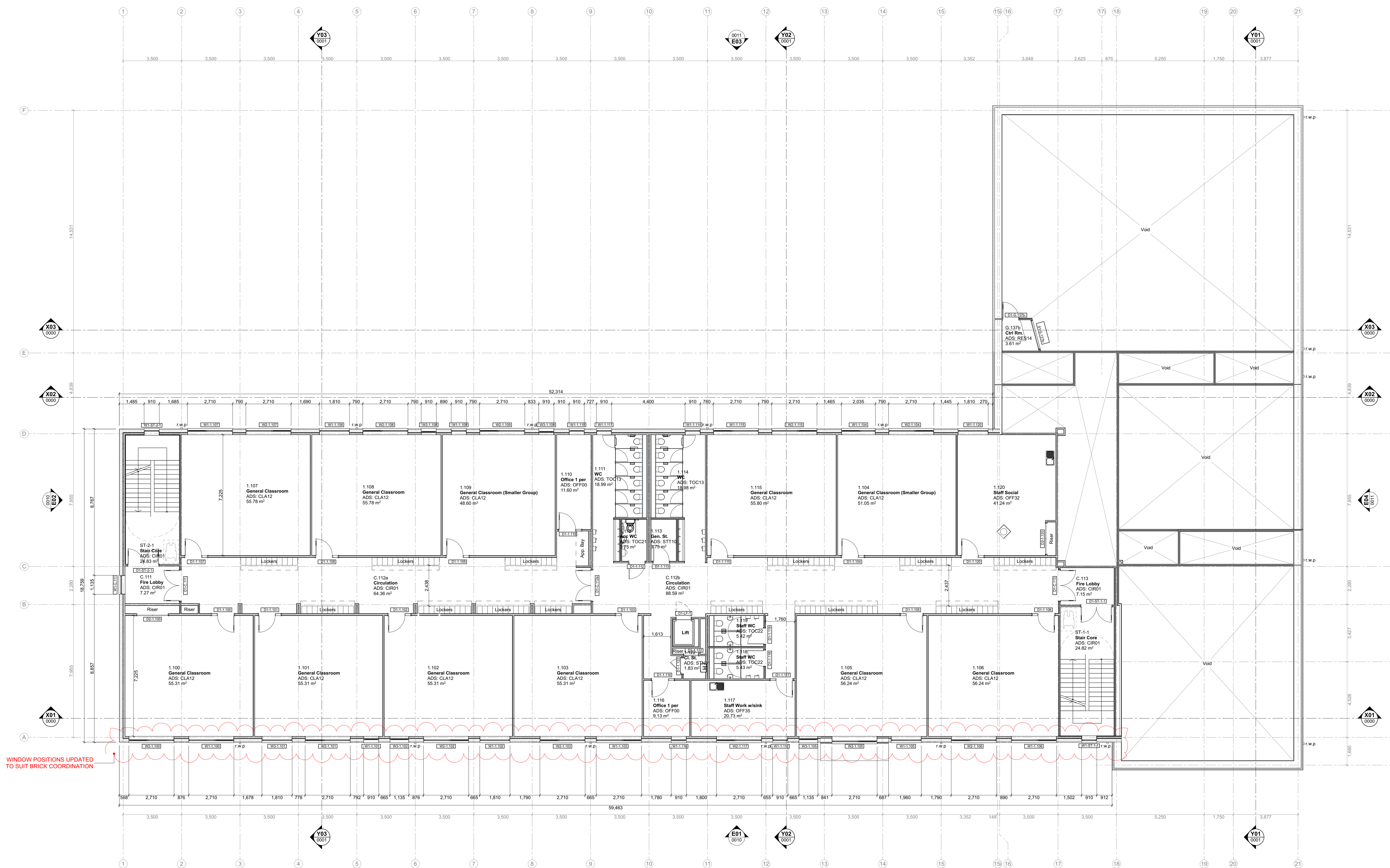
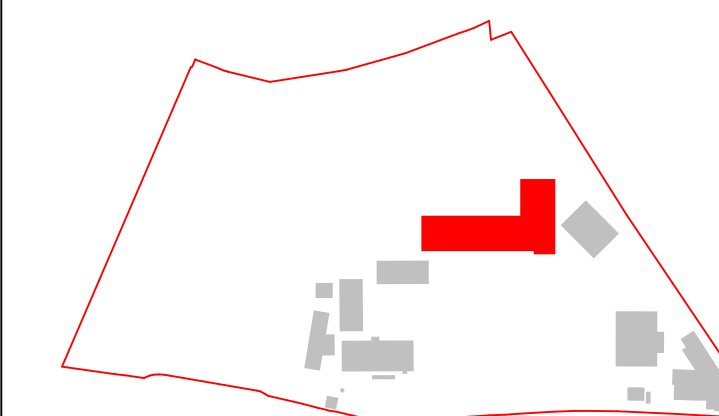
SCALE @ A1: As Indicated REV: C02

CONTRACT NUMBER: 136917 DATE: 10/02/2020

INFORMATION STATUS: FINAL ISSUE

SUBCONTRACTOR COMPANY TRADE NAME

SUBCONTRACTOR CONTRACT REF. No



WINDOW POSITIONS UPDATED
TO SUIT BRICK COORDINATION

P11	ISSUE FOR COMMENT	17.05.2019	SA	DP
P10	UPDATED ISSUE FOLLOWING PARTITIONS UPDATE	22.03.2019	SA	DP
P09	UPDATED ISSUE FOR CPs	07.03.2019	DP	MB
P08	UPDATED ISSUE FOR CPs INCORPORATING CML COMMENTS	01.03.2019	MB	HLM
CP1	ISSUE FOR CPs	15.02.2019	MB	HLM
CP0	ISSUE PRIOR TO FULL CPs	20.01.2019	SA	AMS
FC0	ISSUE FOR PLANNING	13.12.2018	CP	AO
FC0	DRAWING NUMBER CHANGED	07.12.2018	CP	AO
FC0	REVISED LAYOUT	20.11.2018	CP	AO
FC0	UPDATED ISSUE FOR COMMENT	20.11.2018	CP	AO
FC0	UPDATED ISSUE FOR COMMENT	15.11.2018	CP	AO
FC0	UPDATED ISSUE FOR COMMENT	13.11.2018	CP	AO
FC0	UPDATED ISSUE FOR COMMENT	09.11.2018	CP	AO
Rev	Description	Date	By	CHK



CUEN



PROJECT 85

HAYGROVE SCHOOL

DESCRIPTION

FIRST FLOOR GA PLAN

DOCUMENT REFERENCE No:

136917-HLM-00-01-DR-A-00-0001

Ref	Orig	Zone	Level	Type	Role	Classification	Chrono No
SCALE @ A0: 1:100			REV: P11				
CONTRACT NUMBER:			DATE: 10.10.2018				
SUITABILITY: S4							

