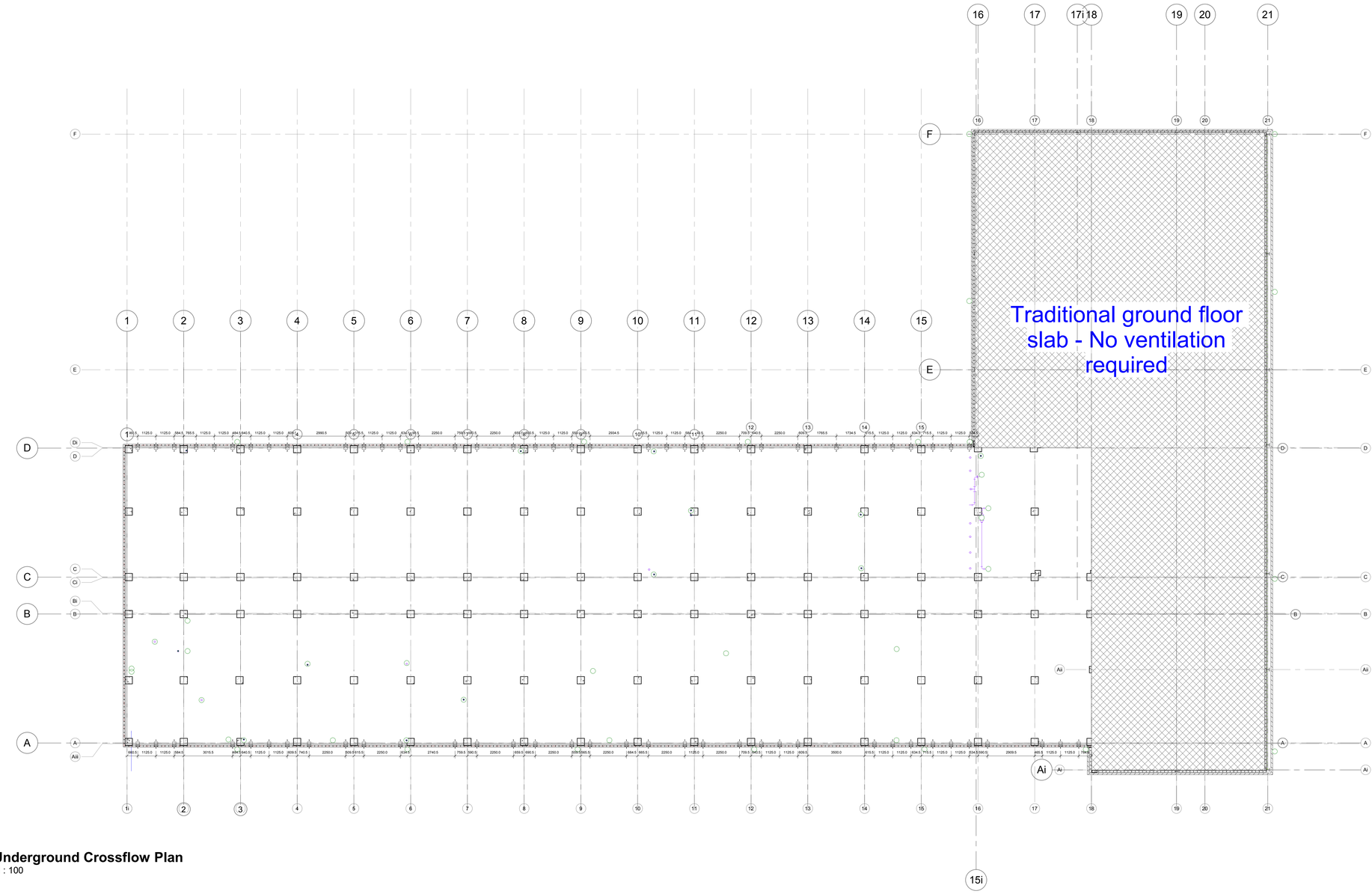
NOTES:

1. All dimensions are indicative to perscope ventilator as must be coordinated with brickwork on site during installation

2. Cross flow ventilator is based on RYTON TELESCOPIC PERISCOPE with free air area of 7750mm². Changes to the free air area (alterative product) will directly affect the cross flow design and quantity required

3. Cross flow ventilation is not required under sport hall area as this is traditional build and has a traditional ground floor slab design

4. General rule for positioning cross flow ventilator is 1No. air brick to every 5No. bricks, however this is dependant upon other factors i.e. external doors etc... Refer to plan for dimension setting out to gridlines



1 Underground Crossflow Plan
1 : 100

REV	REASON FOR REVISION	DATE	BY	CHK
C02	Final Issue	14/05/20	JH	KC
C01	Construction Issue	20/03/19	DW	TC

Caledonian

CLIENT:
Caledonian

PROJECT REF.:
Haygrove School

DESCRIPTION:
Underground Crossflow Ventilation Plan

DOCUMENT REFERENCE No:

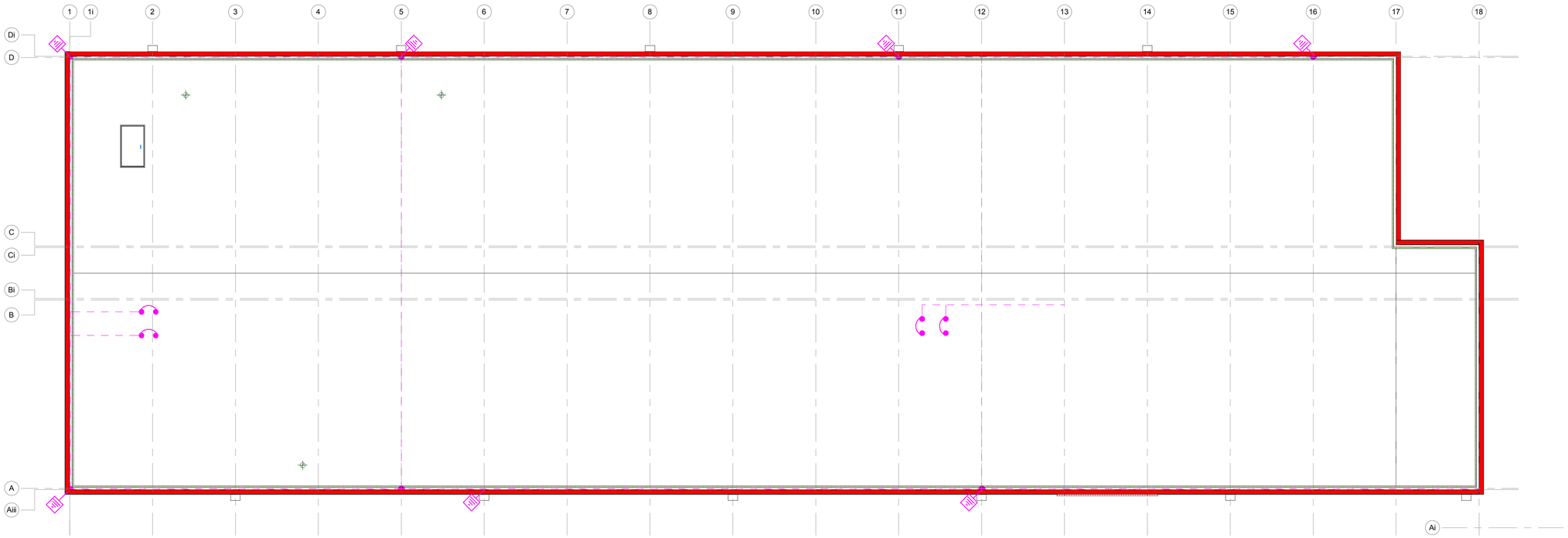
Project	Orig	Volume	Level	Type	Role	Class	Numeric
136917	CAL	MB	GF	DR	W	00-0100	

SCALE @ A0: 1 : 100 | REV: C02
CONTRACT NUMBER: 136917 | DATE: 10/02/2020
INFORMATION STATUS: **FINAL ISSUE**
SUBCONTRACTOR COMPANY TRADE NAME | SUBCONTRACTOR CONTRACT REF. No

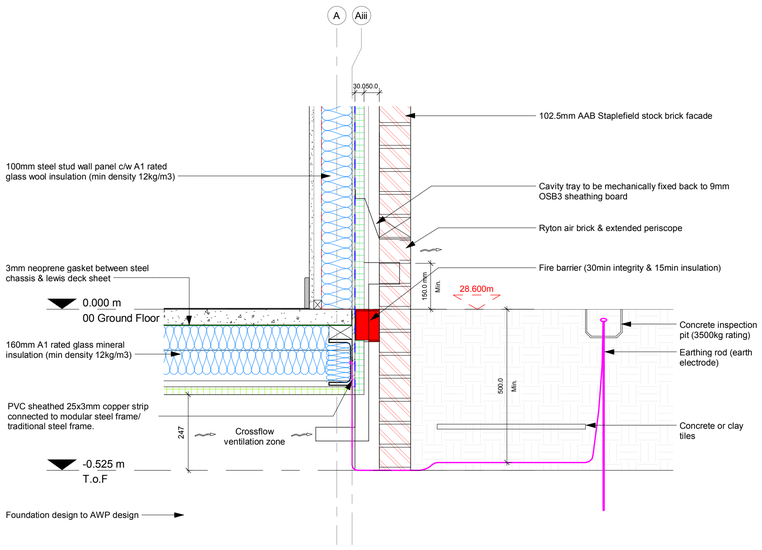
NOTES:

●	Indicates location of structural steel connection used as down conductor with low level connection to inspection chamber.
	Earth electrode termination comprising low level connection drilled and tapped to steel (down connector). 25x3mm plain copper tape, 14.2mmøx2400mm (minimum) copperbond earth electrode and concrete inspection housing.
	Polyester powder coated perimeter capping to be utilised as air termination network.
	25x3mm aluminium bond to plant or metallic item.

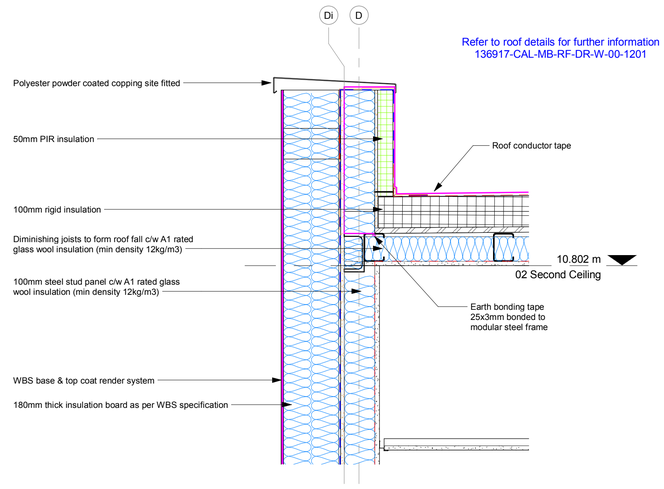
Input required from M&E subcontractor.



1 03 Roof Level - Lightning Protection
1 : 100



2 Ground Floor to External Walls - Lightning Protection
1 : 10



3 Render to Roof - Lightning Protection
1 : 10

REV	REASON FOR REVISION	DATE	BY	CHK
C02	Final Issue	14/09/20	JH	KC
C01	Construction Issue	26/03/20	EA	TD
P1	First Issue	04/06/19	EA	TC

Caledonian

CLIENT:
Caledonian

PROJECT REF:
Haygrove School

DESCRIPTION:
Lightning Protection Plan & Details

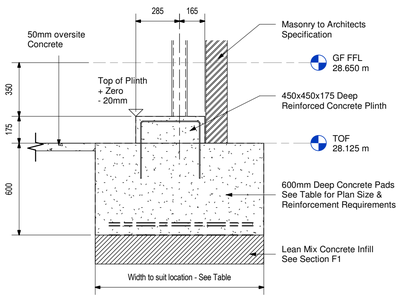
DOCUMENT REFERENCE No:

Project	Orig	Volume	Level	Type	Role	Class	Numeric
136917	CAL	MB	RF	DR	W	00	0150

SCALE @ A1: As indicated
REV: C02
CONTRACT NUMBER: 136917
DATE: 10/02/2020

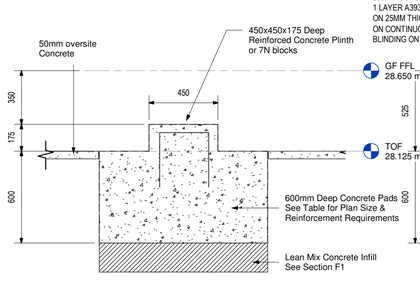
INFORMATION STATUS: FINAL ISSUE

SUBCONTRACTOR COMPANY TRADE NAME
SUBCONTRACTOR CONTRACT REF. No



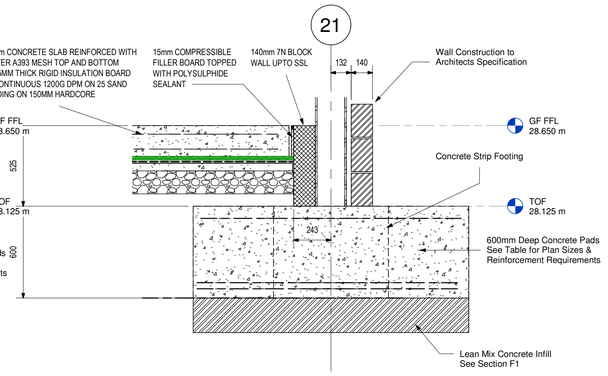
Typical Section - Modular strip foundation

Scale:- 1 : 20



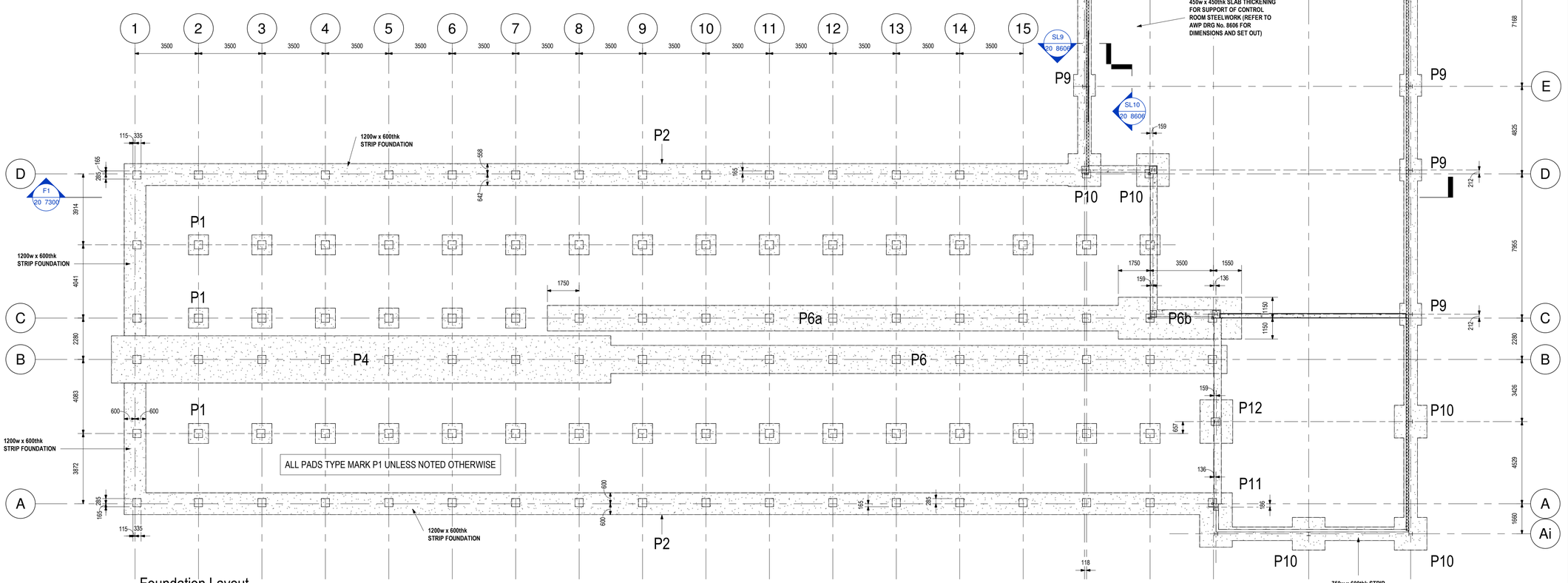
Section at Pad P1 Modular Pad Foundation

Scale:- 1 : 20



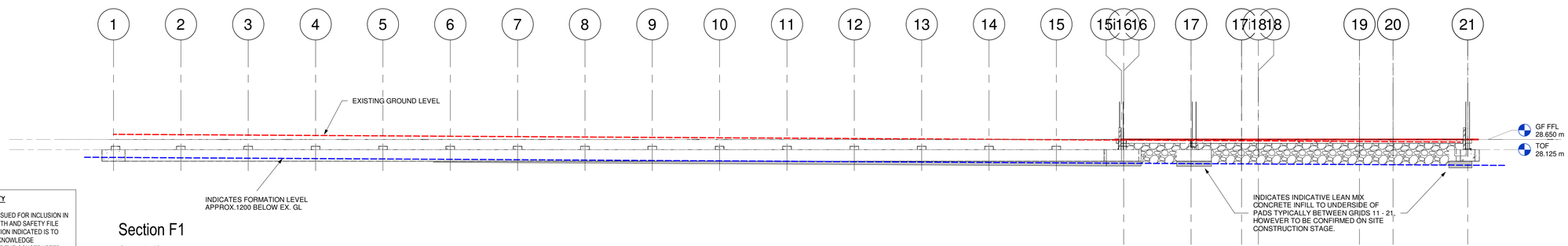
Typical Section - Traditional Pad

Scale:- 1 : 20



Foundation Layout

Scale:- 1 : 125



Section F1

Scale:- 1 : 125

HEALTH AND SAFETY

THIS DRAWING IS ISSUED FOR INCLUSION IN THE PROJECT HEALTH AND SAFETY FILE AND THE INFORMATION INDICATED IS TO THE BEST OF OUR KNOWLEDGE REPRESENTITIVE OF THE CONSTRUCTED WORKS. ALAN WOOD AND PARTNERS HAVE NOT CARRIED OUT FULL SITE SUPERVISION OF THE PROJECT DURING CONSTRUCTION. THE CONTRACTOR IS DEEMED TO HAVE INSTALLED THE WORKS IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS UNLESS NOTED OTHERWISE ON THIS DRAWING OR CONFIRMED SEPERATELY BY THE CONTRACTOR IN WRITING

The Alan Wood & Partners design is as presented on the relevant PDF drawings, and any digital CAD drawings or data are used at the user's sole risk and without any liability to Alan Wood & Partners. All dimensions and levels to be checked on site by the contactor. Any discrepancies to be notified to the engineer and further instructions obtained before work is commenced."

NOTES:

CONCRETE

C01. Concrete grades to be designated concretes in accordance with B.S. 8500:

Blinding	GEN1
Foundations	FND2
Superstructure	RC28/35

C02. All formed surfaces to have a finish obtained by the proper use of formwork or moulds of timber, plywood, plastics, concrete or steel. Except where noted otherwise.

C03. All unformed surfaces to have a finish obtained by tamping across the full width of the surface to produce a uniform texture, with uniform ridges not exceeding 6mm in height and slope no more than 5mm in 10m. The surface to be SR1 with a slight tampered finish, in accordance with Caledonian requirements.

C04. Immediately after compaction, concrete shall be protected from rain, rapid temperature change, frost and drying out. Also maintain the concrete above 5 degrees Celsius in cold weather. The methods used shall be in accordance with B.S. 8110, or approved by the Engineer.

C05. The contractor shall test in accordance with following:
- Upto and including 60m³ from single batch and supplier on the same day - undertake 4No. 150mm test cubes per 10m³.
- Over 60m³ from a single batch and supplier on the same day - undertake 4No. 150mm test cubes per 20m³.

C06. Where air-entrained concrete is shown on the drawing the average air content of the concrete to be 4.0%.

C07. For reinforcement details refer to drawing 7301.

C08. Principles of concrete member setting out are as follows:
Columns and beams to be centred on grid UNO.
Intermediate beams to be positioned centrally between beams UNO.
Slab edge 150mm off beam centreline UNO.

See drawing 136917-AWP-MB-ZZ-DR-S-20-7301 for reinforcement notes

Pad Foundation Schedule

Type Mark	No.	Pad Width	Pad Length	Pad Depth	Comments
P1	38	1100	1100	600	No Reinforcing
P2	2				
P4	1	27550	2600	600	2 Layers A393 Mesh in Bottom
		1200	125900	600	2 Layers A393 mesh in Bottom
P6	1	34000	1550	600	2 Layers A393 Mesh in Bottom
P6a	1	31500	1400	600	2 Layers A393 Mesh in Bottom
P6b	1	6800	2300	600	2 Layers A393 Mesh in Bottom
P7	1	3000	3000	600	2 Layers A393 Mesh in Bottom
P8	2	2000	2000	600	2 Layers A393 Mesh in Bottom. 1 Layer A393 Mesh in Top
P9	5	1200	1200	600	2 Layers A393 Mesh in Bottom. 1 Layer A393 Mesh in Top
P10	7	1800	1800	600	2 Layers A393 Mesh in Bottom. 1 Layer A393 Mesh in Top
P11	1	1800	3000	600	2 Layers A393 Mesh in Bottom. 1 Layer A393 Mesh in Top
P12	1	1800	2400	600	2 Layers A393 Mesh in Bottom. 1 Layer A393 Mesh in Top

PAD FOUNDATION SIZES BASED ON GBP = 100kN/m² BASED ON FOUNDING INTO DENSE CLAYEY GRAVELLY SAND BEARING STRATA.

FOUNDATIONS TO BEAR A MINIMUM OF 100mm INTO BEARING STRATA BELOW EXISTING GL = 1200mm.

REV	REASON FOR REVISION	DATE	BY	CHK
HS01	Health and safety issue	14.08.20	KR	MC
C03	Concrete note amended	23.09.19	LV	KR
C02	Revised For Construction	10.09.19	ND	KR
C01	Co-ordinates removed, Construction issue	30.08.19	SW	KR
P07	Strip footing width amended to 750mm	12.07.19	GW	KR
P06	Strip footings revised to 700mm wide. Typical Section updated.	13.06.19	GW	KR
P05	Revised to HLM comments. Concrete Strips reverted back to 600mm wide.	09.05.19	GW	MC
P04	Foundations repositioned to suit new column locations; Updated to HLM comments. P6a foundation amended. New foundation type P6b	03.05.19	GW	MC
P03	Revised for final CP issue	06.03.19	GW	MC
P02	Strip Foundations added to modular build side,Drawing Number altreed	04.12.18	SW	MC
P01	First issue	09.11.18	GW	MC

Caledonian

CLIENT: Caledonian

PROJECT REF: Haygrove School

DESCRIPTION: Foundation Layout

DOCUMENT REFERENCE No: 136917 - AWP - MB - ZZ - DR - S - 20 7300

Ref | Orig | Zone | Level | Type | Role | Element | Chrono No.

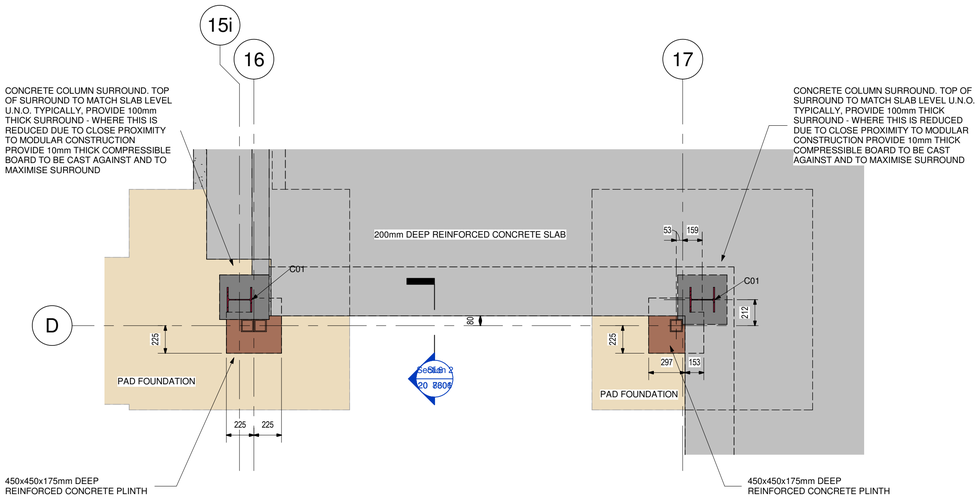
SCALE @ A1: As indicated | REV: HS01

CONTRACT NUMBER: 136917 | DATE: Issue Date

INFORMATION STATUS: FINAL ISSUE

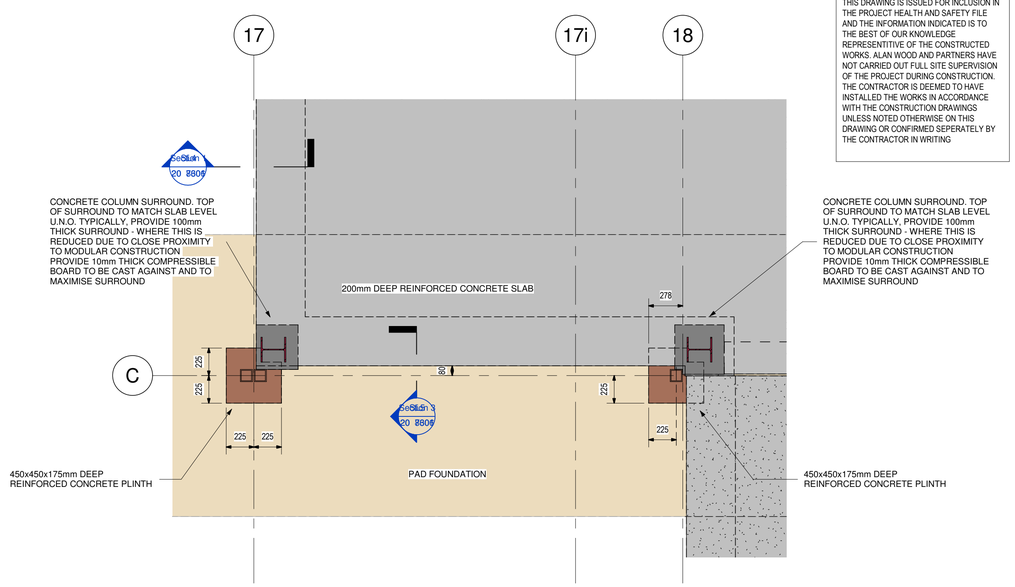
SUBCONTRACTOR COMPANY TRADE NAME: Alan Wood & Partners

SUBCONTRACTOR CONTRACT REF. No: 41636



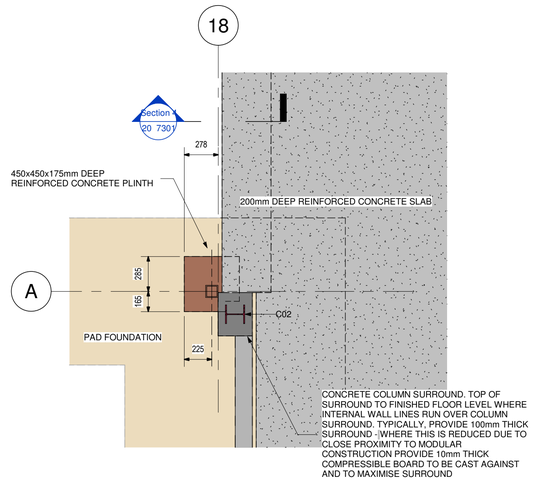
Interface Detail Grid D

Scale:- 1 : 25



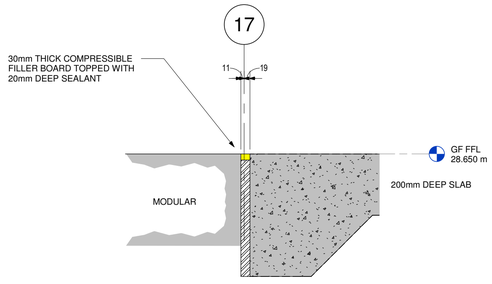
Interface Detail Grid C & 17

Scale:- 1 : 25



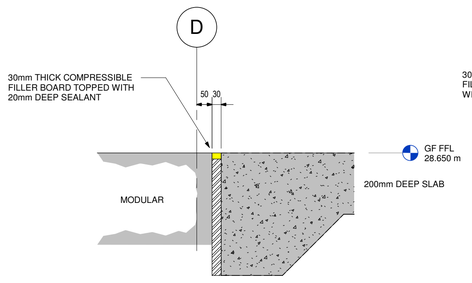
Interface Detail Grid 18

Scale:- 1 : 25



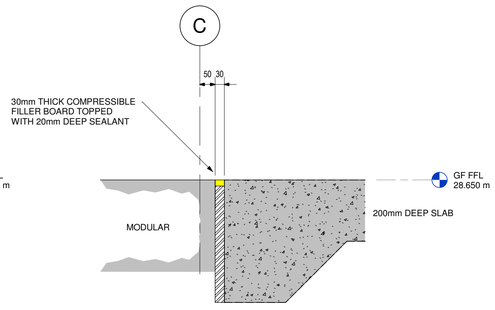
Section 1

Scale:- 1 : 10



Section 2

Scale:- 1 : 10

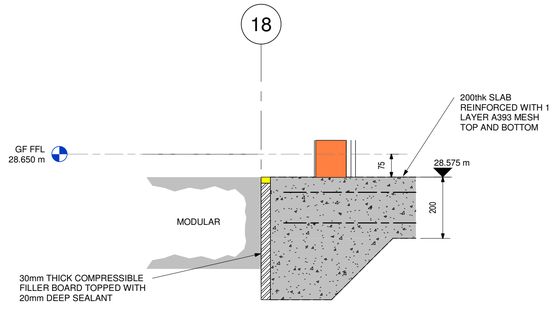


Section 3

Scale:- 1 : 10

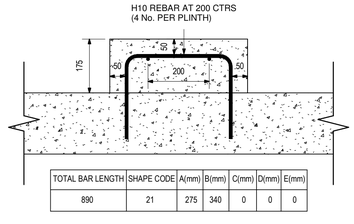
SEQUENCING METHOD

1. CONSTRUCT PAD FOUNDATIONS
2. INSTALL TRADITIONAL BUILD STEEL COLUMNS
3. CONSTRUCT CONCRETE MODULE PLINTHS
4. CAST 200mm THICK CONCRETE SLAB / POSITION MODULES
5. CAST COLUMN SURROUNDS TO TOP OF SLAB LEVEL FOR TRADITIONAL BUILD STEEL COLUMNS



Section 4

Scale:- 1 : 10



TOTAL BAR LENGTH	SHAPE CODE	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
890	21	275	340	0	0	0

TYPICAL PLINTH REINFORCEMENT

Plinth Rebar Detail

Scale:- 1 : 10

HEALTH AND SAFETY

THIS DRAWING IS ISSUED FOR INCLUSION IN THE PROJECT HEALTH AND SAFETY FILE AND THE INFORMATION INDICATED IS TO THE BEST OF OUR KNOWLEDGE REPRESENTITIVE OF THE CONSTRUCTED WORKS. ALAN WOOD AND PARTNERS HAVE NOT CARRIED OUT FULL SITE SUPERVISION OF THE PROJECT DURING CONSTRUCTION. THE CONTRACTOR IS DEEMED TO HAVE INSTALLED THE WORKS IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS UNLESS NOTED OTHERWISE ON THIS DRAWING OR CONFIRMED SEPERATELY BY THE CONTRACTOR IN WRITING

NOTES:

CONCRETE

C01. Concrete grades to be designated concretes in accordance with B.S. 8500:

Blinding	GEN1
Foundations	FND2
Superstructure	RC28/35

C02. All formed surfaces to have a finish obtained by the proper use of formwork or moulds of timber, plywood, plastics, concrete or steel. Except where noted otherwise.

C03. All unformed surfaces to have a finish obtained by tamping across the full width of the surface to produce a uniform texture, with uniform ridges not exceeding 6mm in height and slope no more than 5mm in 10m. The surface to be SR1 with a slight tampered finish, in accordance with Caledonian requirements.

C04. Immediately after compaction, concrete shall be protected from rain, rapid temperature change, frost and drying out. Also maintain the concrete above 5 degrees Celsius in cold weather. The methods used shall be in accordance with B.S. 8110, or approved by the Engineer.

C05. The contractor shall test in accordance with following:
- Upto and including 60m³ from single batch and supplier on the same day - undertake 4No. 150mm test cubes per 10m³.
- Over 60m³ from a single batch and supplier on the same day - undertake 4No. 150mm test cubes per 20m³.

C06. Where air-entrained concrete is shown on the drawing the average air content of the concrete to be 4.0%.

C07. For reinforcement details refer to drawing 7301.

C08. Principles of concrete member setting out are as follows:
Columns and beams to be centred on grid UNO.
Intermediate beams to be positioned centrally between beams UNO.
Slab edge 150mm off beam centreline UNO.

REINFORCEMENT

R01. Ribbed bar reinforcement (H bars) to be Grade B500B, deformed Type 2.

R02. Tying wire to be 1.6mm diameter black annealed iron wire.

R03. Nominal covers to BS 8500-1 (tolerance 10mm):
Top 50mm
Sides 50mm
Bottom 50mm

R04. Tension lap lengths generally 40 x bar diameter, minimum 300mm.

R05. Provide suitable proprietary stools, spacers and chairs as necessary to provide adequate support to the reinforcement. Tie securely to maintain the specified cover. R09. Spacing of reinforcement to be adjusted locally as required in particular to avoid holes, pockets, sockets, recesses and holding-down bolts.

HAZARD IDENTIFICATION - REINFORCEMENT
HR01. The contractor is to ensure that all projecting reinforcement is to be capped or otherwise protected during the construction phase to minimise site hazards.

CONCRETE SURROUND TO COLUMNS SHOULD:
- BE LEVEL WITH TOP OF SLAB, EXCEPT WHERE A WALL LINE SITS OVER SURROUND TO BE LEVEL WITH FINISHED FLOOR LEVEL
- TYPICALLY PROVIDE 100mm SURROUND, EXCEPT WHERE THIS IS REDUCED DUE TO CLOSE PROXIMITY TO MODULAR CONSTRUCTION, PROVIDE 10mm THICK COMPRESSIBLE BOARD TO CAST AGAINST AND MAXIMISE SURROUND IN AREAS OF REDUCED THICKNESS

TO BE READ IN CONJUCTION WITH AWP DRG. 8606 - FLOOR SLAB DETAILS

REV	REASON FOR REVISION	DATE	BY	CHK
HS01	Health and safety issue	14.08.20	KR	MC
C03	Concrete surround amended to suit comments	19.12.19	KR	MC
C02	Concrete note amended	23.09.19	LV	KR
C01	Revised For Construction	10.09.19	ND	KR
P02	Dimensions added as shown	13.06.19	GW	KR
P01	First issue	09.05.19	GW	MC

Caledonian

CLIENT: Caledonian

PROJECT REF: Haygrove School

DESCRIPTION: Concrete Surround / Plinth and Slab Details at Interface with Traditional and Modular

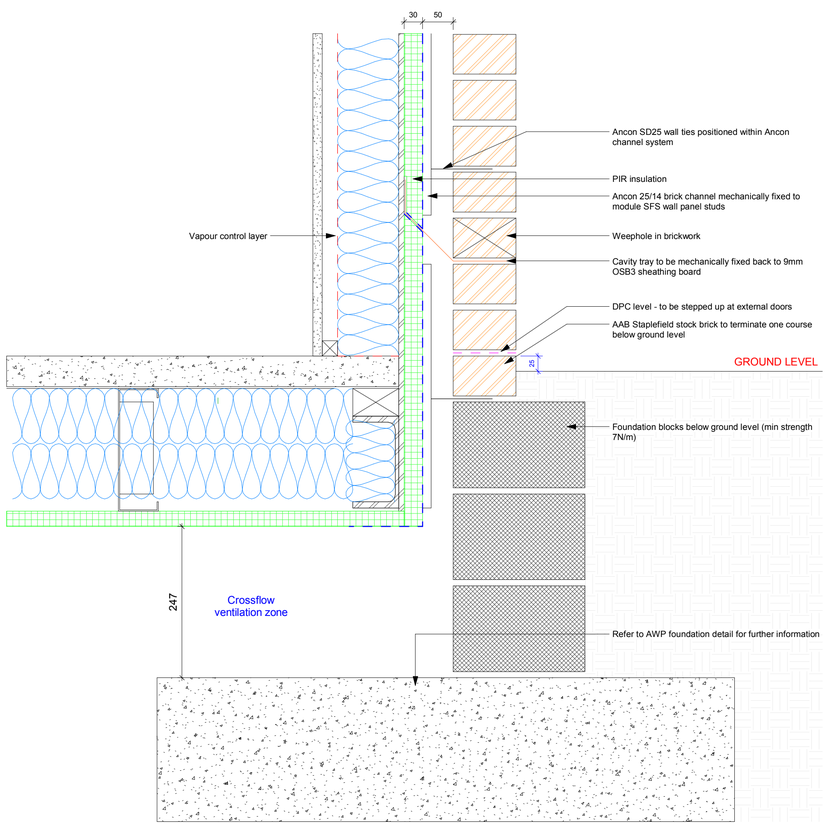
DOCUMENT REFERENCE No: 136917 - AWP - MB - ZZ - DR - S - 20 7301
(Ref - Orig - Zone - Level - Type - Role - Element - Chrono No.)

SCALE @ A1: As indicated | REV: HS01
CONTRACT NUMBER: 136917 | DATE: Issue Date

INFORMATION STATUS: FINAL ISSUE

SUBCONTRACTOR COMPANY TRADE NAME: Alan Wood & Partners
SUBCONTRACTOR CONTRACT REF. No: 41636

1 Substructure Module Blockwork Setting Out
1 : 100



2 Modular Foundation Area
1 : 5

1. This drawing has been prepared in accordance with the scope of CML's appointment with its clients and is subject to the terms and conditions of that appointment. CML accepts no liability for any use of this document other than by its client and only for the purposes for which it was prepared and provided.

2. This drawing is to be read in conjunction with all other relevant drawings and specifications for this project and apparent inconsistencies brought to the attention of the Project Design Manager.

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

NOTES:

1. Red blockwork on setting out plan are cut block and the exact cuts will be subject to site conditions

2. Movement joints to be maximum 10m span

3. All joints (movement & corners) to be appropriately sealed with poly backing rod & exterior grade sealant to match blockwork colour

4. Mortar colour to be grey

REV	REASON FOR REVISION	DATE	BY	CHK
C03	Final Issue	14/09/20	JM	KC
C02	Brick channel added below cavity barrier	05/02/20	DW	TD
C01	First Issue	13/01/20	EA	TD

Caledonian

CLIENT:
Caledonian

PROJECT REF:
Haygrove School

DESCRIPTION:
Modular Blockwork Setting Out

DOCUMENT REFERENCE No:
136917 - CAL - MB - GF - DR - W - 25-5001
Project · Orig · Volume · Level · Type · Role · Class · Numeric

SCALE @ A1: As indicated
REV: C03
CONTRACT NUMBER: 136917
DATE: 10/02/2020

INFORMATION STATUS: FINAL ISSUE

SUBCONTRACTOR COMPANY TRADE NAME
SUBCONTRACTOR CONTRACT REF. No

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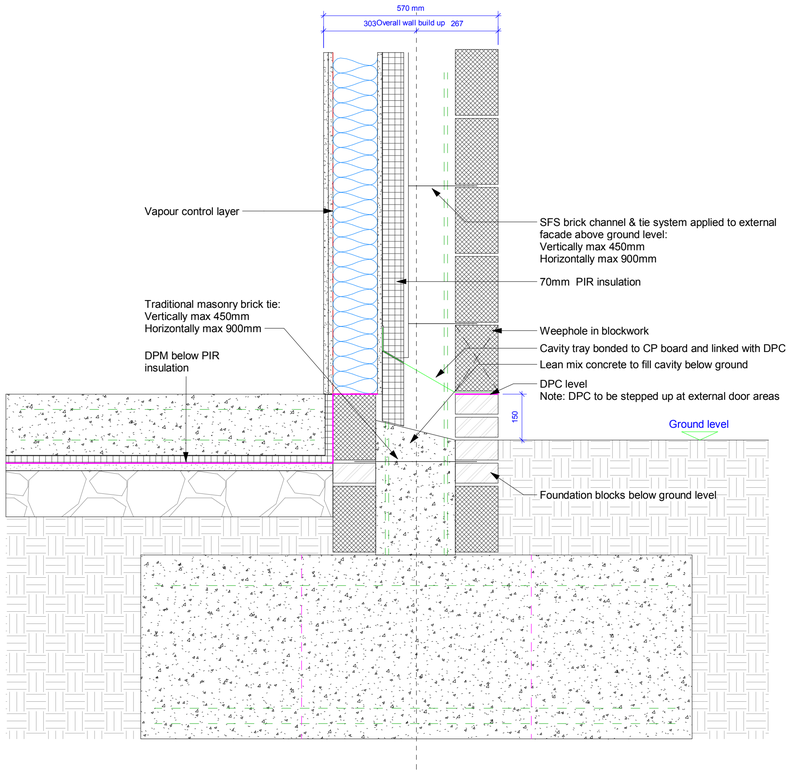
3. Do not scale directly from drawing - if in doubt ask!

NOTES:



1 Traditional Foundation Area

1 : 10

REV	REASON FOR REVISION	DATE	BY	CHK
P1	First Issue	03/12/19	DW	TD

Caledonian

CLIENT:
Caledonian

PROJECT REF:
Haygrove School

DESCRIPTION:
Main Hall Traditional details

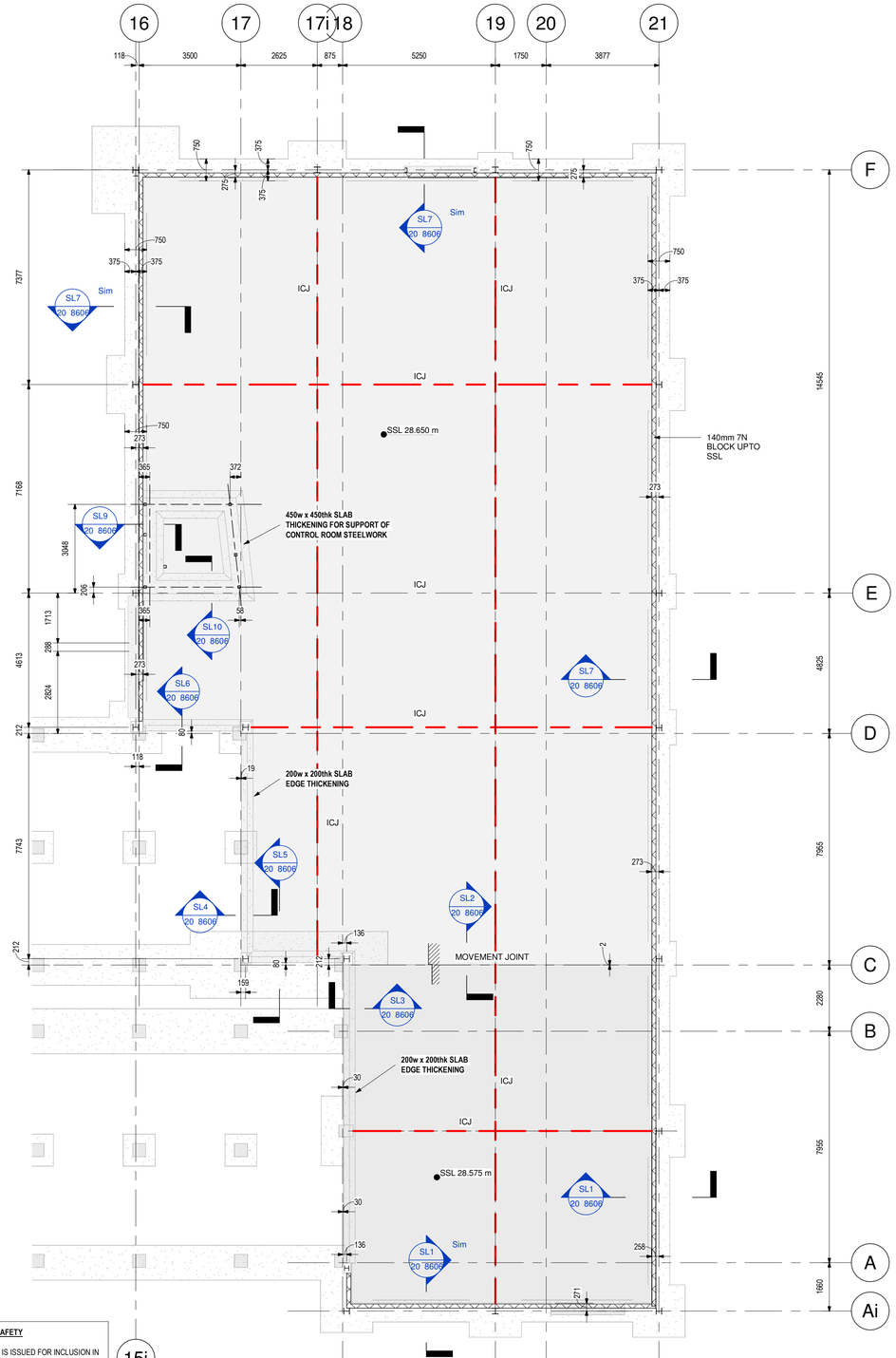
DOCUMENT REFERENCE No:

136917	CAL	MB	SE	DR	W	00-5000
Project	Orig	Volume	Level	Type	Role	Class Numeric

SCALE @ A1: 1 : 10
REV: P1
CONTRACT NUMBER: 136917
DATE: 05/06/2019

INFORMATION STATUS: **Preliminary**

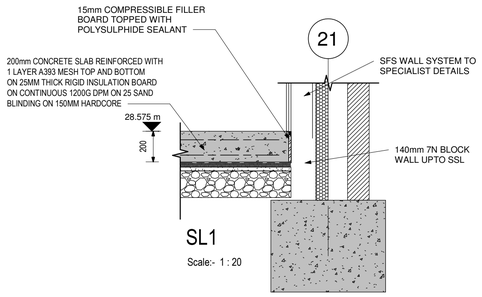
SUBCONTRACTOR COMPANY TRADE NAME
SUBCONTRACTOR CONTRACT REF. No



15i

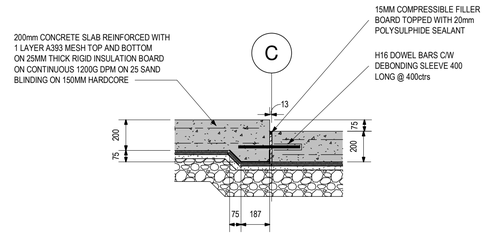
JOINT DETAIL

Scale:- 1 : 100



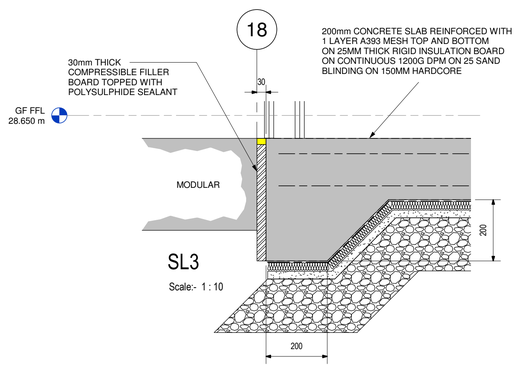
SL1

Scale:- 1 : 20



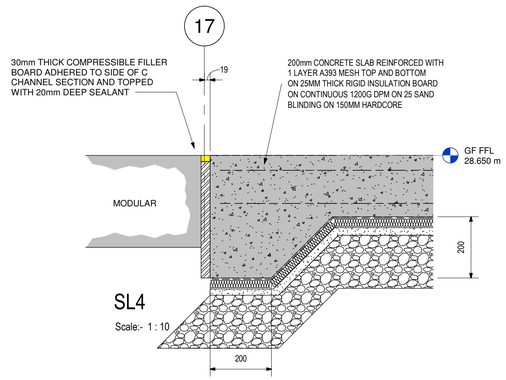
SL2 - Movement Joint

Scale:- 1 : 20



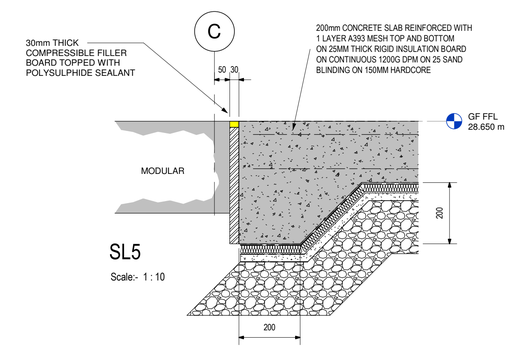
SL3

Scale:- 1 : 10



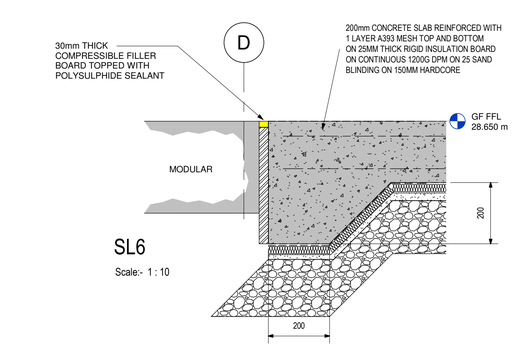
SL4

Scale:- 1 : 10



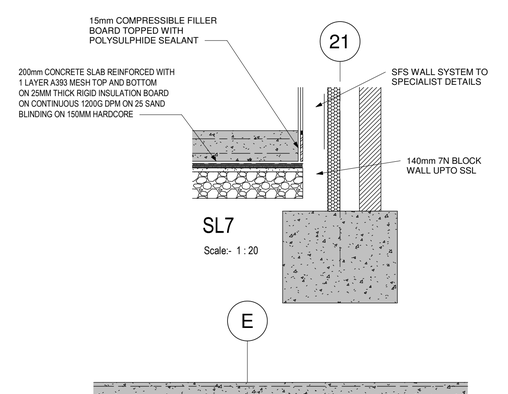
SL5

Scale:- 1 : 10



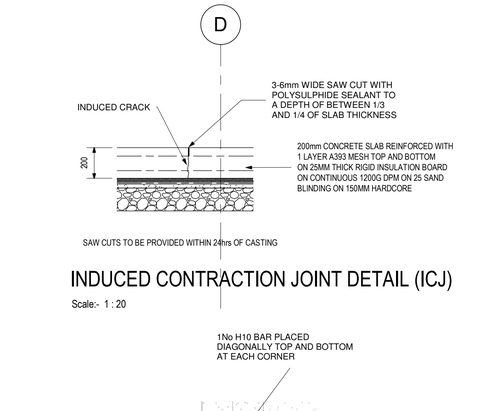
SL6

Scale:- 1 : 10



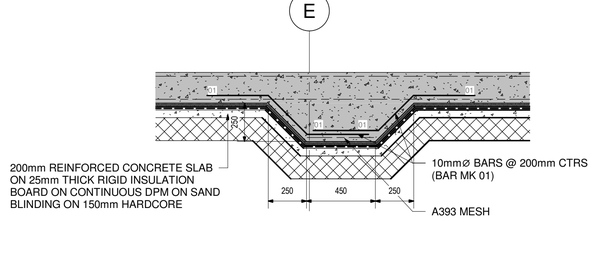
SL7

Scale:- 1 : 20



INDUCED CONTRACTION JOINT DETAIL (ICJ)

Scale:- 1 : 20

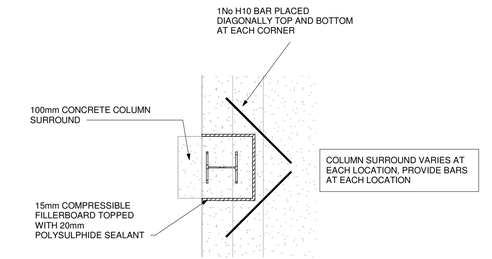


SL9 - Control Room Slab Thickening (Edge)

Scale:- 1 : 20

SL10 - Control Room Slab Thickening (Central)

Scale:- 1 : 20



COLUMN SURROUND DETAIL

Scale:- 1 : 20

HEALTH AND SAFETY

THIS DRAWING IS ISSUED FOR INCLUSION IN THE PROJECT HEALTH AND SAFETY FILE AND THE INFORMATION INDICATED IS TO THE BEST OF OUR KNOWLEDGE REPRESENTITIVE OF THE CONSTRUCTED WORKS. ALAN WOOD AND PARTNERS HAVE NOT CARRIED OUT FULL SITE SUPERVISION OF THE PROJECT DURING CONSTRUCTION. THE CONTRACTOR IS DEEMED TO HAVE INSTALLED THE WORKS IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS UNLESS NOTED OTHERWISE ON THIS DRAWING OR CONFIRMED SEPERATELY BY THE CONTRACTOR IN WRITING

Haygrove School
Control Room
136917

BAR SCHEDULE

Member	Bar Mark	Type & Dia	No. of items	No. of bars in each	Total No.	Length of each Bar mm	Shape code	A mm	B mm	C mm	D mm	E/R mm
Slab Thickenings	01	H10	1	70	70	1275	26	400	465	400	330	
	02	H10	1	10	10	1100	21	400	330	400		

NOTES:

CONCRETE

C01. Concrete grades to be designated concretes in accordance with B.S. 8500:

Blinding	GEN1
Foundations	FND2
Superstructure	RC28/35

C02. All formed surfaces to have a finish obtained by the proper use of formwork or moulds of timber, plywood, plastics, concrete or steel. Except where noted otherwise.

C03. All unformed surfaces to have a finish obtained by tamping across the full width of the surface to produce a uniform texture, with uniform ridges not exceeding 6mm in height and slope no more than 5mm in 10m. The surface to be SR1 with a slight tampered finish, in accordance with Caledonian requirements.

C04. Immediately after compaction, concrete shall be protected from rain, rapid temperature change, frost and drying out. Also maintain the concrete above 5 degrees Celsius in cold weather. The methods used shall be in accordance with B.S. 8110, or approved by the Engineer.

C05. The contractor shall test in accordance with following:
- Upto and including 60m³ from single batch and supplier on the same day - undertake 4No. 150mm test cubes per 10m³.
- Over 60m³ from a single batch and supplier on the same day - undertake 4No. 150mm test cubes per 20m³.

C06. Where air-entrained concrete is shown on the drawing the average air content of the concrete to be 4.0%.

C07. For reinforcement details refer to drawing 7301.

C08. Principles of concrete member setting out are as follows:
Columns and beams to be centred on grid UNO.
Intermediate beams to be positioned centrally between beams UNO.
Slab edge 150mm off beam centreline UNO.

REINFORCEMENT

R01. Ribbed bar reinforcement (H bars) to be Grade B500B, deformed Type 2.

R02. Tying wire to be 1.6mm diameter black annealed iron wire.

R03. Nominal covers to BS 8500-1 (tolerance 10mm):

Top	50mm
Sides	50mm
Bottom	50mm

R04. Tension lap lengths generally 40 x bar diameter, minimum 300mm.

R05. Provide suitable proprietary stools, spacers and chairs as necessary to provide adequate support to the reinforcement. Tie securely to maintain the specified cover. R09. Spacing of reinforcement to be adjusted locally as required in particular to avoid holes, pockets, sockets, recesses and holding-down bolts.

HAZARD IDENTIFICATION - REINFORCEMENT
HR01. The contractor is to ensure that all projecting reinforcement is to be capped or otherwise protected during the construction phase to minimise site hazards.

CONCRETE SURROUND TO COLUMNS SHOULD:
- BE LEVEL WITH TOP OF SLAB, EXCEPT WHERE A WALL LINE SITS OVER SURROUND TO BE LEVEL WITH FINISHED FLOOR LEVEL
- TYPICALLY PROVIDE 100mm SURROUND, EXCEPT WHERE THIS IS REDUCED DUE TO CLOSE PROXIMITY TO MODULAR CONSTRUCTION. PROVIDE 10mm THICK COMPRESSIBLE BOARD TO CAST AGAINST AND MAXIMISE SURROUND IN AREAS OF REDUCED THICKNESS

REV	REASON FOR REVISION	DATE	BY	CHK
HS01	Health and safety issue	14.08.20	KR	MC
C08	Bar Schedule added for Control Room Slab Thickenings	10.01.20	GW	KR
C07	Slab edge detail added	19.12.19	KR	MC
C06	Drawing number revised	11.11.19	SW	KR
C05	Compressive material added to section	18.10.19	SW	KR
C04	Slab thickening added for Control Room	Date-47	LV	KR
C03	Slab recess amended	27.09.19	KR	RR
C02	Concrete note amended	23.09.19	LV	KR
C01	Revised For Construction	10.09.19	ND	KR
P01	First Issue	07.08.19	SW	KR

Caledonian

CLIENT: Caledonian

PROJECT REF: Haygrove School

DESCRIPTION: Floor Slab details

DOCUMENT REFERENCE No: 136917 - AWP - MB - ZZ - DR - S - 20 8606
(Ref - Orig - Zone - Level - Type - Role - Element - Chrono No.)

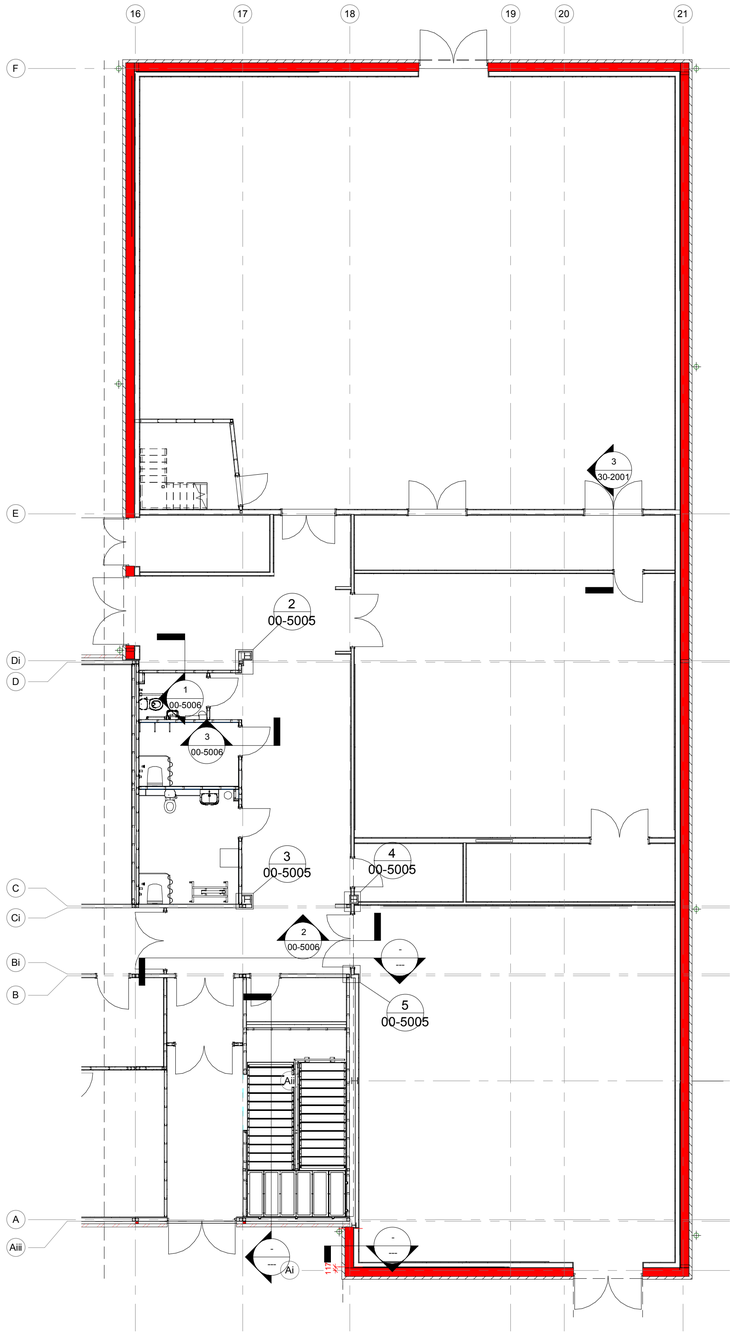
SCALE @ A1: As indicated | REV: HS01

CONTRACT NUMBER: 136917 | DATE: Issue Date

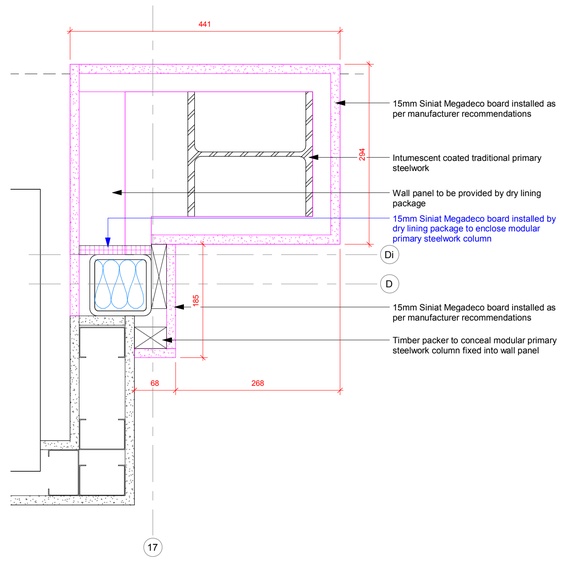
INFORMATION STATUS: FINAL ISSUE

SUBCONTRACTOR COMPANY TRADE NAME: Alan Wood & Partners

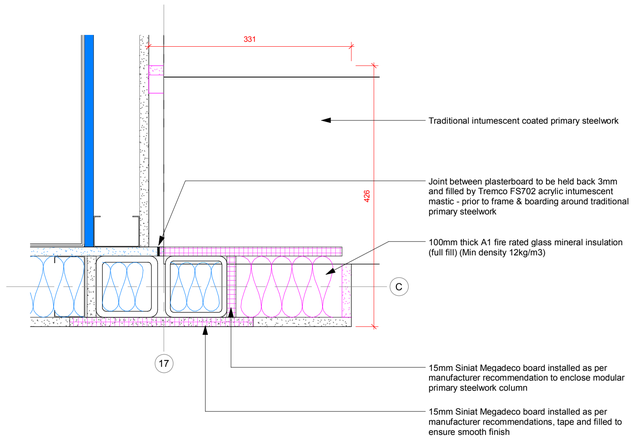
SUBCONTRACTOR CONTRACT REF. No: 41636



1 00 Ground Floor - Traditional Hall Plan
1 : 100



2 Traditional Hall Plan - Callout 1
1 : 5



3 Traditional Hall Plan - Callout 2
1 : 5

4 Traditional Hall Plan - Callout 3
1 : 5

5 Traditional Hall Plan - Callout 4
1 : 5

NOTES:

1. All plasterboard joints (Taped & filled) to be as per Siniat manufacturer recommendations and details

2. Refer to modular & traditional wall compartmentation layouts for full wall specification and build ups:

136917-CAL-MB-GF-DR-W-25-0100 - Modular
136917-CAL-MB-01-DR-W-25-0101 - Modular
136917-CAL-MB-02-DR-W-25-0102 - Modular
136917-CAL-MB-GF-DR-W-25-0103 - Traditional

REV	REASON FOR REVISION	DATE	BY	CHK
C01	Final Issue	14/09/20	JH	KC
P1	First Issue	11/02/20	DW	TD

Caledonian

CLIENT: Caledonian

PROJECT REF: Haygrove School

DESCRIPTION: Main Hall Traditional interface details

DOCUMENT REFERENCE No:

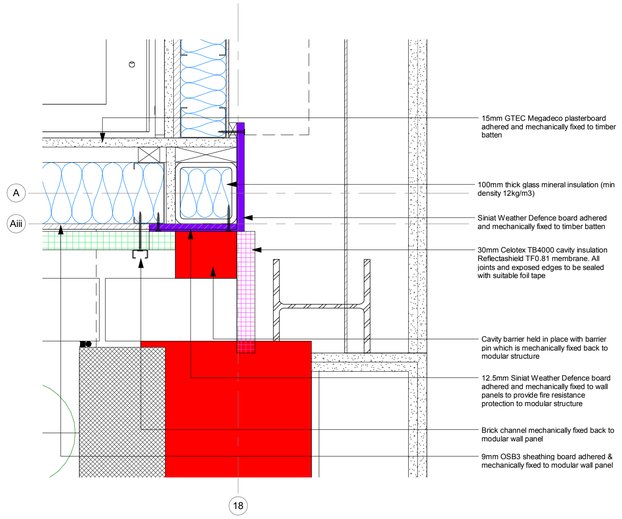
Project	Orig	Volume	Level	Type	Role	Class	Numeric
136917	CAL	MB	GF	DR	W	00-5005	

SCALE @ A1: As indicated
REV: C01
CONTRACT NUMBER: 136917
DATE: 10/02/2020

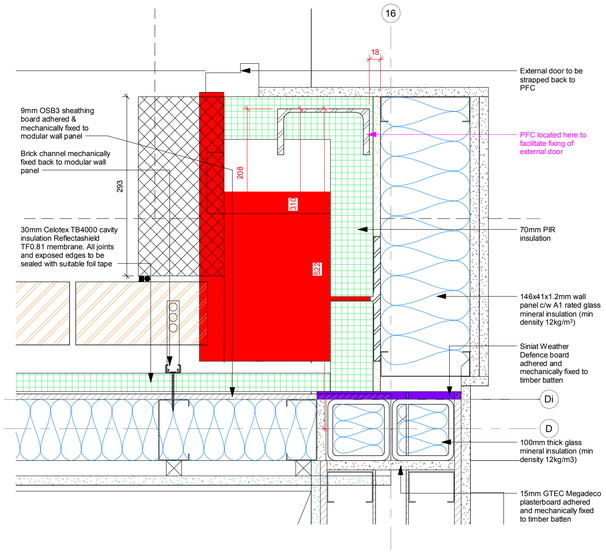
INFORMATION STATUS: FINAL ISSUE

SUBCONTRACTOR COMPANY TRADE NAME
SUBCONTRACTOR CONTRACT REF. No

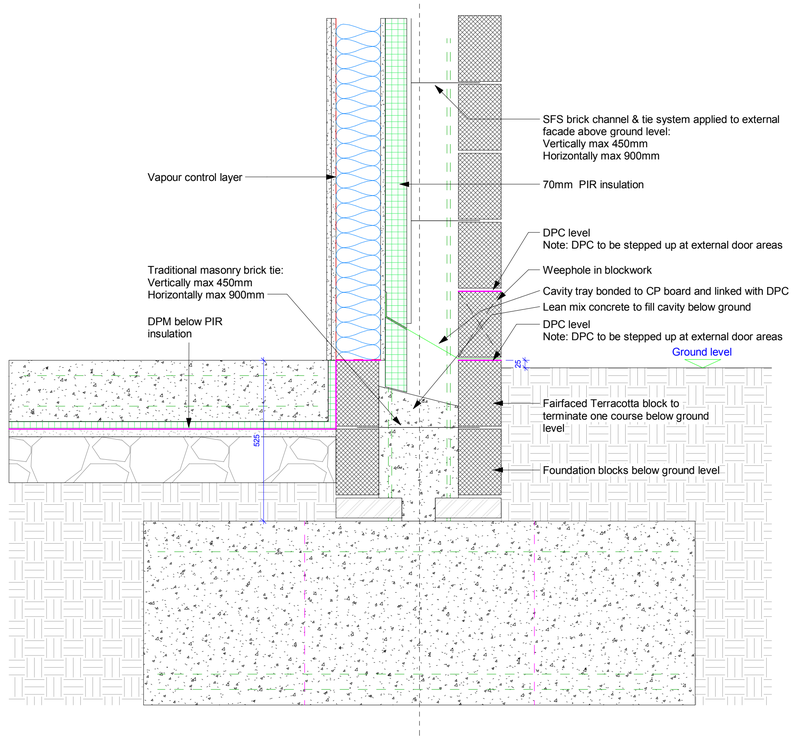
1 00 Ground Floor - Traditional Blockwork Setting Out
1 : 100



2 Traditional - Blockwork Interface 01
1 : 5



3 Traditional - Blockwork Interface 02
1 : 5



4 Traditional Foundation Area
1 : 10

1. This drawing has been prepared in accordance with the scope of CML's appointment with its clients and is subject to the terms and conditions of that appointment. CML accepts no liability for any use of this document other than by its client and only for the purposes for which it was prepared and provided.

2. This drawing is to be read in conjunction with all other relevant drawings and specifications for this project and apparent inconsistencies brought to the attention of the Project Design Manager.

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

NOTES:

1. Red bricks on setting out plan are cut bricks and the exact cuts will be subject to site conditions

2. Initial mansonry from foundation level to be engineering brick to achieve associated ground level for both internal & external blockwork leafs

3. Movement joints to be maximum 10m span

4. All joints (movement & corners) to be appropriately sealed with poly backing rod & exterior grade sealant to match blockwork colour

5. Mortar colour to be grey

REV	REASON FOR REVISION	DATE	BY	CHK
C04	Final Issue	14/09/20	JH	KC
C03	Dimension to external doors added.	27/05/20	EA	TD
C02	Additional setting out added to plan & foundation detail incorporated on sheet	07/01/20	DW	TD
C01	Construction Issue	19/12/19	EA	TD

Caledonian

CLIENT:
Caledonian

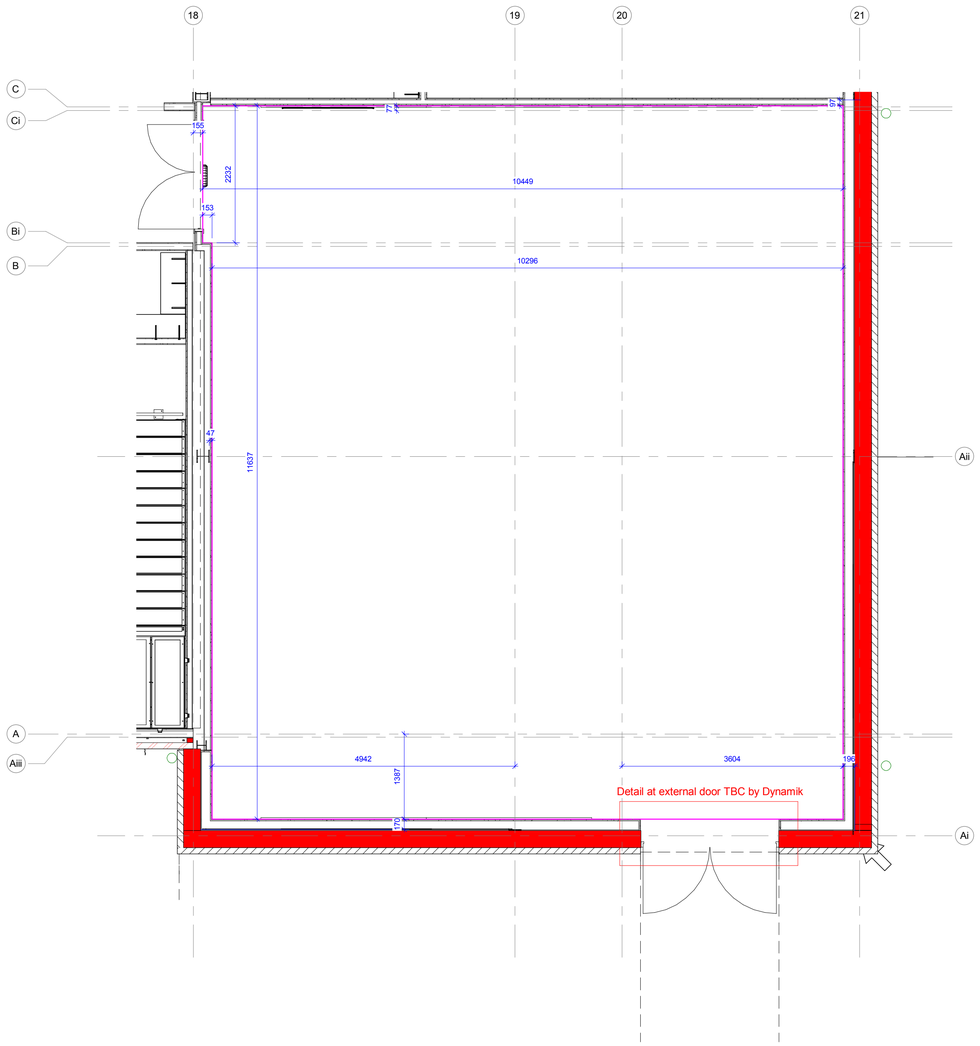
PROJECT REF:
Haygrove School

DESCRIPTION:
Traditional Blockwork Setting Out

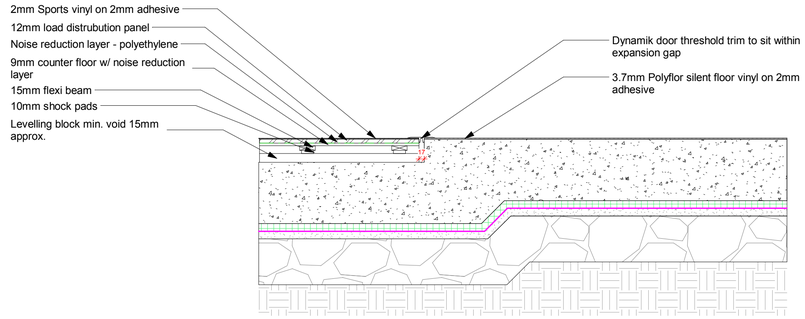
DOCUMENT REFERENCE No:

136917	CAL	MB	GF	DR	W	25-5000
Project	Orig	Volume	Level	Type	Role	Class Numeric

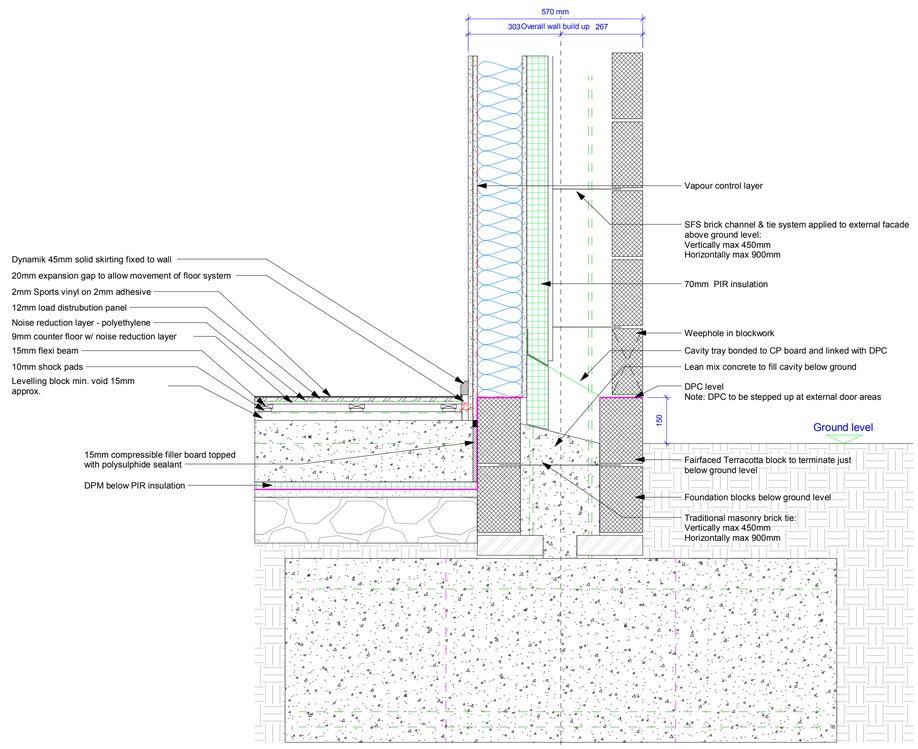
SCALE @ A1: As indicated
REV: C04
CONTRACT NUMBER: 136917
DATE: 10/02/2020
INFORMATION STATUS: FINAL ISSUE
SUBCONTRACTOR COMPANY TRADE NAME
SUBCONTRACTOR CONTRACT REF. No



1 00 Ground Floor - Activity Studio Recess
1 : 50



2 Traditional Threshold Detail - Activity Studio
1 : 10



3 Traditional Dynamik Floor Junction Detail - Activity Studio
1 : 10

NOTES:

- Recess denoted by magenta line.
- Dynamik sports flooring to maintain 20mm expansion gap around the perimeter of the room.
- Dynamik door threshold strip to sit within expansion gap where internal/external door threshold.

REV	REASON FOR REVISION	DATE	BY	CHK
C04	Final Issue	14/09/20	JH	KC
C03	Dimensions added for set out of Dynamik floor	21/01/20	EA	TD
C02	Door threshold detail added	13/01/20	EA	TD
C01	Construction Issue	19/12/19	EA	TD
P1	First Issue	25/07/19	EA	TD

Caledonian

CLIENT:
Caledonian

PROJECT REF:
Haygrove School

DESCRIPTION:
Traditional - Sprung Floor Details

DOCUMENT REFERENCE No:

136917	CAL	MB	GF	DR	W	30-2000
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

DYNAMIK

Operations and Maintenance Manual

Sports Flooring

Contents

Facility Details

Name:	Haygrove School
Address:	Durleigh Road, Bridgwater, TA6 7HW
Date:	29th July 2020

Products and Systems – Descriptions and Warrantees

We detail below the sports flooring products and systems we have installed together with, if applicable warranty.

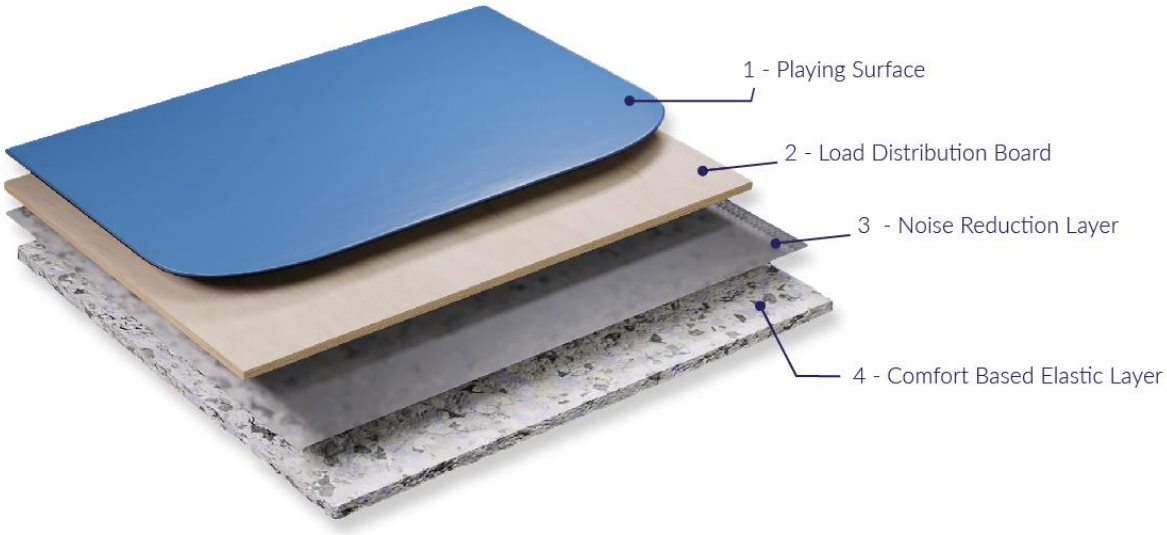
Area	Product / System	Warranty*
Main Hall - Multiuse	DYNAMIK Komfort Plus Sprung System Finished in a Solid Sports Vinyl Playing Surface, Colour Beech	Floor System: 25 years Playing Surface: 10 years
Activity Studio - Multiuse	DYNAMIK Flexi-Beam Plus Sprung System Finished in a Solid Sports Vinyl Playing Surface, Colour Beech	Floor System: 25 years Playing Surface: 10 years
	DYNAMIK Sports Skirting	N/A
	Threshold Trims	N/A

*The warranty must be read in conjunction with the Terms and Conditions at the end of this document. The relevant Terms and Conditions must be adhered to at all times.

DYNAMIK Contact Details

Address:	Unit 10 Enterprise Trade Centre, Roman Farm Road, Hengrove Way, Bristol, BS4 1UN
Telephone:	0117 301 5120
Email:	info@dynamiksport.co.uk
Website:	www.dynamiksportsfloors.co.uk

DYNAMIK Komfort Plus Sprung Area Elastic Sports Floor

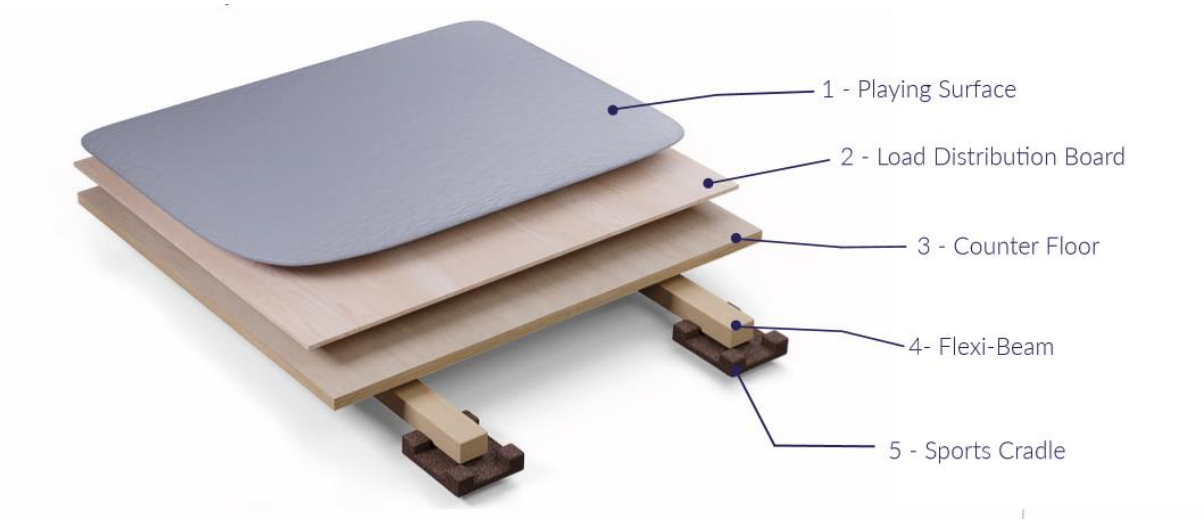


1	Playing Surface	As Specified
2	Load Distribution Board	12mm
3	Noise Reduction Layer – Polyethylene	0.03mm
4	Comfort Based Elastic Layer	10mm
Minimum Construction Height (excluding Playing surface)		22.03mm

Performance Characteristics

Certification – EN14904	Class A3	Class A4
Shock Absorption	40% < 55%	55% < 75%
Vertical Deformation	1.8mm < 3.5mm	2.3mm > 5.0mm
Rolling Load	< 1,500 N	< 1,500 N
Ball Rebound	≥ 90%	≥ 90%
Slip Resistance	80 – 110	80 - 110

DYNAMIK Flexi-Beam Plus Sprung Area Elastic Sports Floor



1	Playing Surface	As Specified
2	Load Distribution Board	6mm
3	Counter Floor (T&G Modules)	18mm
4	Flexi-Beam (406mm Centres)	Choose an item.
5	Sports Cradle 100mm x100mm x 10mm (600mm centres along Flexi-Beam) *	10mm
6	Levelling Shims:	To Suit Void
Minimum Construction Height (excluding Playing Surface & Levelling Shims)		Choose an item.

**Thickness of cradles / beams can vary dependent on void depth.*

Performance Characteristics

Certification – EN14904	Class A3	Class A4
Shock Absorption	40% < 55%	55% < 75%
Vertical Deformation	1.8mm < 3.5mm	2.3mm > 5.0mm
Rolling Load	< 1,500 N	< 1,500 N
Ball Rebound	≥ 90%	≥ 90%
Slip Resistance	80 – 110	80 - 110

Care and Maintenance Instructions

Introduction

We want you to enjoy your new sports floor for many years to come, and to ensure it performs to its full potential it must be maintained in accordance with this manual.

In this manual you will find instructions on how to clean and maintain your floor. You will also find information on environmental conditions, i.e. what temperature and humidity your hall should be set at, how to protect your floor and considerations when using equipment.

This information will assist you in maintaining your sports floor to the highest standard.

Contact Us

If you should have any doubts about any aspects of your new sports floor, or require further assistance on the supply and purchasing of your sports floor cleaning products or are looking to purchase a scrubber dryer, please do not hesitate to contact us on:

- Telephone: 0117 301 5120
- Email: info@dynamiksport.co.uk
- Website: www.dynamiksportsfloors.co.uk

Floors Performance & Compliance

The surface as installed on completion meets the requirements as set out in the EN14904 for sports surfaces.

In order to maintain your Playing Surface performance, the cleaning and maintenance regime detailed in this manual should be adhered to at all times.

Hall Temperature

The hall temperature should not rise above 26°C and should not drop below 12°C at all times. If you have under floor heating installed and there is a heating breakdown you should bring the room temperature back up to the recommended temperature in 1°C increments off the manifold per 24 hours. Do not rapidly increase or decrease the temperature, as this will result in accelerated movement of the floor and potential damage.

Relative Humidity Levels within the Atmosphere

The relative humidity levels should not exceed 65%, and should not drop below 35% at all times.

If the RH levels fall outside of this range there may be excessive movement of the floor and resulting damage.

Floor Expansion and Contraction

If there is expansion or contraction when the atmospheric conditions are above or below the manufacturer's recommendations, this is not a manufacturing or an installation defect.