

## **Emmanuel College, Cambridge**

### **CONTRACTORS PROGRESS REPORT FOR MEETING NR.5 – 17-3-2021**



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### 1.0 Health, Safety and Environmental Matters

- The Construction Phase Health & Safety Plan has been issued and approved.
- The F10 form currently being displayed onsite.
- Method Statements and Risk Assessments for current activities have been prepared and are in place prior to work commencing on site.
- Site inductions for all operatives are ongoing.
- There have been no reportable incidents to date.
- TBT are being undertaken on a weekly basis on site specific topics.
- Weekly H&S site visits from GA Safety management team.
- The project received 1st CCS visit and achieved a score of 40/50
- Accidents recorded on the project to date:

Accident Type	Near Miss	Minor	Reportable
Last Month	1	0	0
To Date	1	0	0



### 2.0 Construction Progress Summary

Since the last progress meeting the following activities have taken place:

- Completed RC capping beam.
- Installed capping beam basement props.
- Installed the basement monitoring equipment as per S&W requirements.
- Commenced bulk excavations to NCC basement.
- Erected new plywood hoarding adjacent Regent St boundary.
- Commenced South Court drainage and sub-structure works.
- Completed sleeper walls for the block & beam flooring to South Court.
- Completed RC slab and underpinning to Coach House.
- Erected Glu-lam trusses within Coach House.
- Commence roof structure to Coach House.
- Completed Furness Lodge basement main drainage lines.
- Completed Platform lift structural alterations within Furness Lodge.

Progress to Construction programme Rev E - Attached as Appendix A

### Summary:

- Site progress has been maintained during the last period in line with the contract programme.
- GA are currently updating the Event Space fit-out.



### 3.0 Planned activities over next period

- Continue bulk excavation to NCC basement.
- Continue clutch welding to sheet piles.
- Form car lift pits.
- Complete South Court drainage and sub-structure works.
- Complete block & beam flooring to South Court.
- Commence Glu-lam structure to South Court.
- Commence Coach House brickwork repairs as outlined within the ER's.

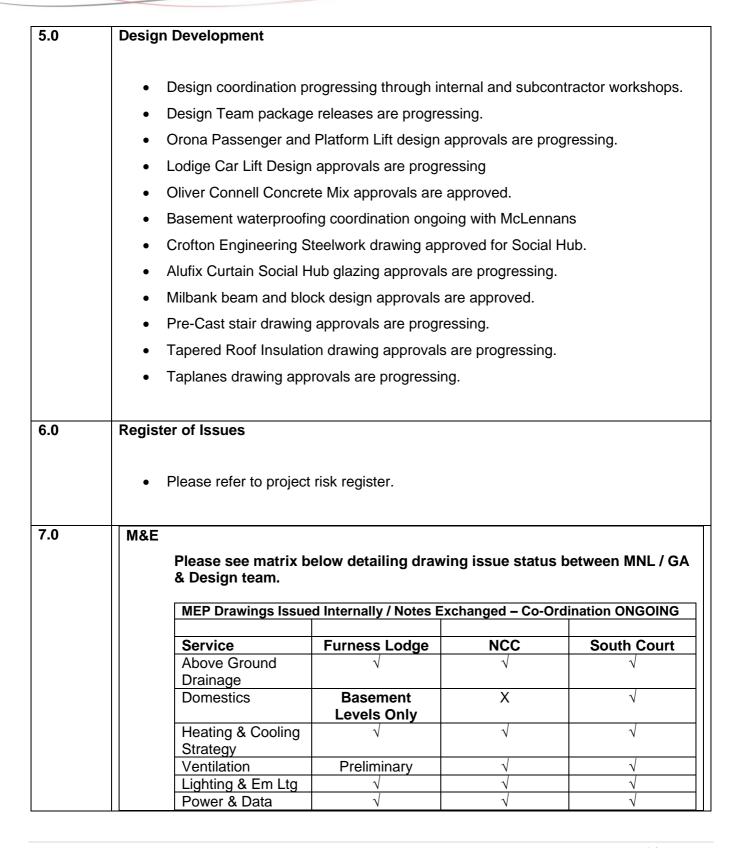
### 4.0 Meetings held

- Precast Concrete Stairs Workshop 19/02/21, 01/03/21
- MEP Meetings (GA / MNL) 15/02/21, 01/03/21 & 15/03/21
- MEP BWIC Review 11/02/21, 18/02/21, 26/02/21 & 04/03/21
- DTM 22/02/21, 08/03/21
- Alufix Workshop 25/02/21, 10/03/21
- VE Review 25/02/21
- Key Suiting Review 02/03/21
- Balustrade Review 10/03/21, 11/03/21
- Design Release Programme Review 11/03/21, 12/03/21
- MEP Informal Mechanical Plant Workshop with S&C 11/03/21
- Electrical Sample Review 03/03/21
- MEP Access Hatch Co-Ordination Workshop 01/03/21
- Water Feature Review 05/03/21

### Next design team meeting dates:

- DTM - 22/03/21







Containment Lightning Protection		√ To be updated & issued as part	
Primary	V	V	V
Fire Alarm, CCTV & Door Access	$\sqrt{}$	V	V

 Lighting VE discussions continue – Updated costs issued to client team for review & comment.

Further response issued 06-01-21 – Data Sheets issued & confirmation that samples as requested will be available mid-February.

Further comments received from S&C and SW.

**Lighting Sample Review meeting held 3<sup>rd</sup> March – Discussions ongoing with design team.** 

MNL have reviewed the revised PV requirements on site & have issued costs.
 MNL are currently carrying out further detailed design in response to client team e-mail 07-01-21.

PMI006 Issued - PV Tech Sub to follow

47 No. MEP DAR's issued at time of writing.

5 No. Responses outstanding from S&C.

19 No. Status A

20 No. Status B

3 No. Status C (1 off which has been reissued & received status A)

• Lightning Protection

Comments received from design team 11-02-21.

MNL are currently updating in line with those comments ready for issue to the client team for approval.

Reissued to design team & further comments received.

MNL to issue full revised tech sub shortly.

 MNL have engaged with Hex Energy with regards to the GSHP together with WD Morgan for the drilling of the second Borehole.

A full report & programme should be issued by the end of this week following meeting on site with the specialist sub-contractors on Tuesday 06-12-20. Programme issued & comments received from client team detailing restricted time period – programme reviewed & reissued in line with client request - Note that there is a risk associated with completion within the requested timescales.

 Hex Energy had a meeting with the EA officer this week so that the EA can tick their box for pre-application advice.

No further update at this time.

Application to drill has been submitted to the EA.

No further update at time of writing

- The EA have advised the radius of the survey of sources which they want completed this has been started by Hex Energy.
- They are working towards date of 1 March for plantroom design & submittal date.



- MNL are currently working on plantroom layouts.
- Chamber detail has been issued to MNL & GA this has been forwarded to the design team, but no further action can be addressed until the first borehole is uncovered as it is in the main access area.
- MNL are in the process of appointing Advisian to oversee and advise on Hex Energy tech submittals & design, re-issue feasibility report when test pumping from 2<sup>nd</sup> borehole is complete and liaise with stakeholders regarding discharge into Hobsons Conduit.

### **Utilities**

- Street Lighting Balfour Beatty Paid 28-10-20 1No. Column disconnected 2<sup>nd</sup> Column disconnected 13-01-12.
- Gas Connection Fulcrum Paid 28-10-20

No further action this period.

- Water Connection South Staffs Water Paid 28-10-20
   No further action this period.
- GA will follow up & arrange meetings with the relevant parties as required.
- Gas Disconnection Furness Lodge Quotation out of date GA chasing Cadent for new quotation / organise works.
   Updated quotation received 14-12-20.

Gas has been disconnected - Meter is still in place.

### 8.0 Samples

- Peterson brick bond sample panel (2m x 2m) currently being formed onsite.
- Formal feedback awaited from working party regarding latest brick sample review.
- Additional York handmade brick arrived onsite 12-3-21.
- Douglas Fir timber received by Constructional Timber. GA are progressing trial samples of lye treatment.
- Sample schedule issued to client team and samples to be reviewed by client agreed.
- Lighting samples were reviewed 03-03-21.
- Other visible accessories were also reviewed at sample meeting 03-03-21.
- Tech Subs to be updated & reissued to Client team for approval.



### 9.0 Commercial

- Agreed Schedule of Valuation dates issued.
- Interim application 05 was issued on 25<sup>th</sup> February 2021
- Payment certificate 04 Received 5<sup>th</sup> March 2021
- Gross Certified to date is £2,176,977.90
- Payment Application 06 due to be submitted 25<sup>th</sup> March 2021

### **Client Instruction**

• GA has to date received 23nr EAI's via email. Tracker document attached.

### **Collateral Warranties**

Collateral Warranties have been issued to the following sub-contractors to date for review and signing. (we will update further once these have been signed by the relevant parties)

- Sheet Piling UK
- Michael Nugent
- Oliver Connell and Sons
- Orona
- Constructional Timber
- MEC Groundworks
- Infallible Systems
- Lodige
- Alufix

### **Procurement Status**

The following sub-contractors have been appointed to date:

- SPUK Piling Signed Sub-Contract returned.
- Michael Nugent MEP services Sub-Contract Issued for signing.



- Redhammer Demolition
- Oliver Connell and Sons Groundworks and Sub-Structures Documents Issued for signing.
- Orona Passenger and Platform Lifts Sub-Contract documents issued for signing
- Lodige Car Lifts Finalising Order Documents
- Maclennan Cavity Drainage / Waterproofing. Sub-Contract Documents issued for signing.
- Constructional Timber Glulam Sub-Contract Documents issued for signing
- MEC Groundworks CFA Piling Sub-Contract documents issued for signing.
- Infallible Systems Limited Sedum and Warm Roofs. Contract Documents being finalised
- Alufix Sub-Contract Documents currently being finalised for issue.
- Crofton Engineering Sub-Contract Documents currently being finalised for issue.
- SOCOTEC- Basement construction monitoring
- Taplanes Bathroom Pods
- Cambridge Architectural Pre-Cast Pre-Cast Stairs
- Amber Valley Stone pre-cast façade elements
- Erne Bricklaying

In addition to the above we are currently in the process of procuring the following sub-contract packages:

- Copper Roofing and Cladding
- Lye treatment to Glulam beam
- Partitions and Ceilings
- Joinery
- Scaffolding
- Sash window restoration



	Commercial Meetings:
	There are now monthly commercial meetings being held between F+G and GA.
	<ul> <li>Next meeting due to take place on Friday 3<sup>rd</sup> April 2021.</li> </ul>
10.	Report Appendices
	Appendix A - Progress to programme.
	Appendix B - RFI Schedule
	Appendix C - DAR Schedule
	Appendix D - Live Risk Register
	Appendix E – Structural Engineer's report
	Appendix F – Architects report
	<ul> <li>Appendix G – PMI schedule (please refer to separate document)</li> </ul>



### 11. Progress Photographs

### Coach House - Glu-lam



**NCC - Bulk Excavation** 









**South Court- substructure works** 





#### **Emmanuel College** Issue Date: 22/08/2019 Rev No: E **Contract Programme** 2020 2022 Jun Jul Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Nov | Dec | Jan | Feb | Dec | Jan 26, 16, 7, 28, 18, 8, 1 122, 12, 13, 124, 14, 15, 126, 116, 16, 127, 118, 18, 129, 120, 110, 131, 121, 114, 14, 125, 116, 16, 127, 118, 18, 129, 119, 110, 131, 121, 112, 12 49 53 29 33 37 41 145 57 61 81 85 89 93 97 1 Construction Enabling 02 Nov 20 04 Dec 20 100% 100% 3 7% 29% 29% New College Court Basemen 31w 4c 07 Dec 20 30 Jul 21 07 Dec 20 Caping Beam 8w 3d 21 Dec 20 26 Feb 21 100% 100% 01 Mar 21 05 Mar 21 100% Installation of temporary bracing 1w 100% Excavate to formation level 08 Mar 21 Install puddle plate inc welding bottom 1.0m of 4w 29 Mar 21 12 Apr 21 10 May 21 Drainage 4w 12 Apr 21 12 13 B2 slab 5w 19 Apr 21 24 May 21 Complete clutch welding to basement 4w 10 May 21 07 Jun 21 17 May 21 R1 Slah 24 May 21 14 .lun 21 17 Strike formwork to B1 slab & back prop 14 Jun 21 1w 18 Jun 21 Install B1 Level Propping to voids 21 Jun 21 Remove High Level Propping at capping bea 1w 25 Jun 21 01 Jul 21 20 Verts B1 to Ground 16 Jul 21 3w 28 Jun 21 21 05 Jul 21 Pre-cast stairs - B2 to ground 22 05 Jul 21 30 Jul 21 New College Court Residential / Furness Lodg 23 19 Jul 21 04 Nov 22 24 25 09 Aug 21 04 Feb 22 26 FIT - OUT 11 Oct 21 04 Nov 22 53w 1d 27 Furness Lodge - Coach House 30 Nov 20 15 Sep 22 13% 13% 28 15 Sep 22 10% 88w 4d 30 Nov 20 10% 29 Remove Asbestos from Loft 30 Nov 20 04 Dec 20 100% 100% 30 Strip out Redundant Services 08 Dec 20 14 Dec 20 100% 100% 31 Soft Strip Works 2w 14 Dec 20 05 Jan 21 100% 100% 32 15 Feb 21 12 Mar 21 100% BWIC for New Services 33 4w 15 Mar 21 13 Apr 21 Repair works to existing roof incuding RW and 34 01 Jun 21 7w 12 Apr 21 35 Entrance Area floor level alignment 6w 01 Jun 21 12 Jul 21 36 4w 37 Refurbish windows 8w 3d 23 Jul 21 21 Sep 21 38 FIT-OUT Furness lodge (existing) 10 Jan 22 15 Sep 22 39 40 Soft strip 2w 11 Jan 21 22 Jan 21 100% 100% 41 100% 2w 25 Jan 21 05 Feb 21 100% Temporary works / bracing 42 4w 43 Install roof trusses (Permanent stabilising) 2w 22 Feb 21 05 Mar 21 100% 100% 44 Install new roof structure including slate 05 Mar 21 01 Apr 21 30% 30% 45 01 Apr 21 Demolish and rebuild west elevation wall/ back 46 19 Apr 2 01 Jun 2 47 Repair works to gable walls (Additional) 5w 01 Jun 21 05 Jul 21 Form 4nr new door openings on west elevation 49 Reconfigure windows / secondary glazing 10w 02 Jul 21 09 Sep 21 50 FIT-OUT Coach House 21w 05 Jul 21 26 Nov 21 51 1st fix M&E including Python 4w 05 Jul 21 30 Jul 21 52 stall Raised Access floor 2w 26 Jul 21 53 Wall linings 2w 06 Aug 21 19 Aug 21 54 16 Aug 21 03 Sep 21 55 2w 02 Sep 21 15 Sep 21 56 First coat decoration 2w 13 Sep 21 24 Sep 21 57 27 Sep 21 15 Oct 21 2nd fix joinery ( doorsets/trimming out ) 3w Hard & soft floor finishes 59 Bar Fit-out 2w 01 Nov 21 12 Nov 21 Final fix M&E ( tbc following coordination with 01 Nov 21 Contractor, Procurement Stages, Emmanuel Post Construction Annearances Start Milestone

#### **Emmanuel College** Issue Date: 22/08/2019 Rev No: E **Contract Programme** 2020 Jun Jul Nov Dec Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan 122, 12, 13, 124, 14, 15, 126, 116, 16, 127, 118, 18, 129, 120, 110, 131, 121, 114, 14, 125, 116, 16, 127, 118, 18, 129, 119, 110, 131, 121, 112, 12 26, 16, 17, 128, 18, 18, 11, 137 141 145 149 153 157 161 165 169 173 177 181 185 189 193 197 Final decoration 2w 15 Nov 21 26 Nov 21 62 Social Hub Area 07 Dec 20 13 Oct 21 18% 18% 63 07 Dec 20 100% Site Possession of Social Hub Area 07 Dec 20 100% 07 Dec 20 100% ardings / Temp Lighting / Signage / Protect Services Isolations & Soft Strip (Excludes WC's & 2 Rooms) 65 07 Dec 20 11 Dec 20 100% 100% 66 07 Dec 20 11 Dec 20 100% Protection to Service Trench 1w 100% 67 Discovery of Asbestos within roof structure 14 Dec 20 14 Dec 20 100% 100% 68 2w 2d 15 Dec 20 08 Jan 21 100% 100% 69 Asbestos removal (Bean Linings/Duct Linings) 3w 04 Jan 21 22 Jan 21 100% 100% 25 Jan 21 03 Feb 21 100% 100% 03 Feb 21 100% 100% 72 6w 17 Feb 21 30 Mar 21 60% Sub-structure/drainage/block & Beam 60% 73 10w 25 Mar 21 08 Jun 21 74 10w 17 May 21 75 1st fix M&F 3w 14 Jun 21 02 Jul 21 U/F Heating / trench heating /floor boxes/ Floor 4w 28 Jun 21 23 Jul 21 screeds 77 12 Jul 21 23 Jul 21 78 M&E 2nd fix 3w 19 Jul 21 06 Aug 21 79 09 Aug 21 20 Aug 21 nternal stud walls - board 2nd side 2w 81 Acoustic timber lining to ceiling 09 Aug 21 20 Aug 21 82 26 Jul 21 2w 06 Aug 21 U/F heating temperature build-up 09 Aug 21 27 Aug 21 84 2nd fix joinery (doorsets/trimming out) 2w 23 Aug 21 03 Sep 21 85 10 Sep 21 Timber wall panelling 2w 30 Aug 21 86 87 30 Aug 21 24 Sep 21 88 Final fix M&E 4w 30 Aug 21 24 Sep 21 13 Sep 21 17 Sep 21 Fitted furniture 2w 13 Sep 21 24 Sep 21 91 07 Oct 21 Elec - Services Commissioning 2w 4d 20 Sep 21 20 Sep 21 93 07 Oct 21 13 Oct 21 94 Mech Demos to Client 1w 07 Oct 21 13 Oct 21 Snagging Final Clean 23 Sep 21 13/10/2021 13/10/2021 Michaelmas Term 2021 Start 05 Oct 21 05 Oct 21 21 Jun 21 20 Oct 22 02 Nov 22 100 18 Jan 21 28 Oct 22 5% 5% 101 MEP services to public realm Artwork (tbc) 14 Jun 21 14 Jun 21 03 May 22 31 May 22 104 03 May 22 Foundations/brick/rails 4w 31 May 22 Hard Landscaping 106 3w 06 Jun 22 24 Jun 22 107 28 Oct 22 Soft Landscaping/plante 7w 12 Sep 22 1107 27 Jun 22 Hard Landscaping 3w 27 Jun 22 15 Jul 22 Soft Landscaping/plante 7w 12 Sep 22 28 Oct 22 Hard Landscaping 3w 18 Jul 22 05 Aug 22 12 Sep 22 28 Oct 22 Soft Landscaping/plante 7w 08 Aug 22 Hard Landscaping 7w 08 Aug 22 23 Sep 22 116 Soft Landscaping 7w 12 Sep 22 28 Oct 22 05 Sep 22 28 Oct 22 05 Sep 22 14 Oct 22 28 Oct 22 Soft Landscaping 7w 12 Sep 22 20 Oct 22 Contractor, Procurement Stages, Emmanuel West elevation Post Construction e Appearances Start Milestone

### **Emmanuel College** Issue Date: 22/08/2019 Rev No: E Rev Date:15/02/2021 **Contract Programme** 2020 2022 Jun | Jul Nov | Dec | Jan | Feb | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan 26, 16, 7, 28, 18, 8, 1 122 12 3 124 14 15 126 16 16 127 18 18 129 120 10 131 121 14 14 125 16 16 127 18 18 129 19 10 131 121 12 12 29 33 | 49 | 53 | 57 | 61 | 65 | 69 | 73 | 77 | 81 | 85 | 89 | 93 | 97 37 41 45 30 Sep 22 Make good access road. 3w 20 Oct 22 14 Oct 22 123 Landscape Float 1w 21 Oct 22 27 Oct 22 124 18 Jan 21 08 Aug 22 18 Jan 21 18 Jun 21 38% 126 4w 1d 07 Jun 21 05 Jul 21 127 9w 2d 30 Jul 21 04 Oct 21 Borehole 2 128 Borehole 1 & 2 testing/review 12w 2d 23 Aug 21 16 Nov 21 129 Obtain Licence from EA 24w 2d 16 Nov 21 23 May 22 4w 1d 11 Jul 22 08 Aug 22 Post Construction Start Milestone



# RFI Report 15 Mar 2021

**Project:** New College Court, Emmanuel College, Cambridge

Ref	Subject	Details	Recipients	Last Reply	Last Reply By	Created By	Date	Deadline	Status	Follow Up
RFI_00012	FAO Skelly & Couch - Updated Chimney / Ventilation Scheme	We are aware that Skelly & Couch have an updated scheme for the Chimney / Ventilation that was not quite ready for issue at Stage 4B. Can S&C please issue this for review by our designers & possible incorporation into the works.	(Stanton) Project Email Chiara Cadau Ciaran Begley Colum Sheppard David Hawkins David Hobbs Debbie Allan Emmett Holmes Gareth Smyth James Abraham Jason Callaghan Joanne Graham John Pearson Mark Skelly Martin Cash Matt Potter Michael Curran Mike White Robert Craig	S&C comments 10/02/21:  1. As per advise from Fire Surgery and the Approved Inspector there is a requirement for fire/smoke dampers going through a fire compartmentation zone. Given that the WCs isn't on a escape route there is only a requirement for it to have a fire damper.  2. Yes as per the advise from Fire Surgery we would expect to have fire/smoke dampers passing through the store room.	David Hawkins	Robert Craig	20 Jan 2021	27 Jan 2021	Response Added	
RFI_00013	Emmanuel College - Suiting Schedule	Please provide suiting schedule for the project.	Emmett Holmes Joanne Graham John Pearson			Joanne Graham	25 Jan 2021	22 Feb 2021	Awaiting Response	



# **DOCUMENT APPROVAL REQUEST**

Project ref: New College Court - Emmanuel College MEP ONLY

NB: THIS IS A LIVE DOCUMENT AND WILL BE UPDATED REGULARLY
Project no: 479
DELAY IN RECEIPT OF INFORMATION MAY

HAVE A DETRIMENTAL

Revision date: 11-03-21 IMPACT ON PROGRAM

_	F	Revision d	ate: 11-03	3-21						IMP	ACT O	N PRC	GRAM	_
DAR		AMME E DATE	DATE	D BY	ISSUED	RESPONSE	DATE PARTIAL	DATE FULL	UENT / JS DAR J			ABLE ONSE		DATE DAR
NO.	DOCUMENTS BY DESIGN DISCIPLINE	PROGRAMME RELEASE DATE	RAISED	RAISED	то	REQUESTED BY	RESPONSE RECEIVED	RESPONSE RECEIVED	SUBSEQUENT / PREVIOUS DAR NO	STATUS	YES	NO	COMMENTS	WAS CLOSED OUT
22	Electrical Tech Sub – ETS014 Specialist Lightning Protection Drgs		12-11-20	RC	S&C SW S&W	26-11-20	26-11-20	26-11-20		С	<b>V</b>		Full review by MNL being carried out after discussions within GA design team.	
47	Electrical Tech Sub – ETS03 Distribution Boards		02-12-20	RC	S&C SW	16-12-20		15-12-20	136	В	V			17-02-21
48	Electrical Tech Sub – ETS04 Isolators		02-12-20	RC	S&C SW	16-12-20		15-12-20	137	В	√			17-02-21
49	Electrical Tech Sub – ETS05 Surge Protection		02-12-20	RC	S&C SW	16-12-20		15-12-20		Α	√			15-12-20
50	Electrical Tech Sub - ETS06 Cable Trunking		02-12-20	RC	S&C SW	16-12-20		15-12-20		Α	V			15-12-20
51	Electrical Tech Sub – ETS07 Cable Tray		02-12-20	RC	S&C SW	16-12-20		15-12-20		Α	V			15-12-20
52	Electrical Tech Sub – ETS08 Cable Basket		02-12-20	RC	S&C SW	16-12-20		15-12-20		Α	V			15-12-20
53	Electrical Tech Sub – ETS019 AFDD's		02-12-20	RC	S&C SW	16-12-20		15-12-20		Α	√			15-12-20
54	Electrical Tech Sub – ETS020 Internal Containment Fire Stopping		02-12-20	RC	S&C SW	16-12-20		15-12-20	139	В	√			17-02-21
55	Electrical Tech Sub – ETS025 SWA Cables		02-12-20	RC	S&C SW	16-12-20		15-12-20		Α	√			15-12-20
56	Electrical Tech Sub ETS026 Fire Alarm Cables		02-12-20	RC	S&C SW	16-12-20		15-12-20		Α	√			15-12-20
57	Electrical Tech Sub – ETS027 General Wiring Cables		02-12-20	RC	S&C SW	16-12-20		15-12-20		Α	√			15-12-20
58	Electrical Tech Sub – ETS028 Fire Proof Cables		02-12-20	RC	S&C SW	16-12-20		15-12-20	140	С				17-02-21
59	Electrical Tech Sub – ETS029 Control Cables		02-12-20	RC	S&C SW	16-12-20		15-12-20	141	В	$\sqrt{}$			17-02-21
60	Electrical Tech Sub – ETS030 Conduit		02-12-20	RC	S&C SW	16-12-20		15-12-20	142	В	V			17-02-21
61	Mechanical Tech Sub – MTS001 15-50mm Black Iron Screwed Pipe		02-12-20	RC	S&C SW	16-12-20		15-12-20		Α	V			15-12-20
62	Mechanical Tech Sub – MTS – 002 65mm + Black Iron Welded Pipe		02-12-20	RC	S&C SW	16-12-20		15-12-20		В	V			
63	Mechanical Tech Sub – MTS003 15 – 108mm Copper Pipe		02-12-20	RC	S&C SW	16-12-20		15-12-20		В	V			
64	Mechanical Tech Sub – MTS004 Rainwater & Soils & Wastes Pipe		02-12-20	RC	S&C SW	16-12-20		15-12-20		С				
79	Mechanical Tech Sub – MTS008 Gas Fired Boilers		04-01-21	RC	S&C SW	18-01-21		18-01-21		Α	V			18-01-21
85	Mechanical Tech Sub – MTS035		14-01-21	RC	S&C SW	28-01-21		28-01-21		Α	V			28-01-21



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NO.	DOCUMENTS BY DESIGN DISCIPLINE	PROGRAMME RELEASE DATE	RAISED	RAISED	то	REQUESTED BY	RESPONSE RECEIVED	RESPONSE RECEIVED	SUBSEQUENT / PREVIOUS DAR NO	STATUS	YES	NO	COMMENTS	WAS CLOSED OUT
	Fire Collars													
86	Mechanical Tech Sub – MTS06 Rainwater Harvesting		14-01-21	RC	S&C SW	28-01-21		01-02-21		В	<b>V</b>		MNL TO RESPOND TO COMMENTS	
87	Mechanical Tech Sub – MTS012 Cold Water Booster Set		14-01-21	RC	S&C SW	28-01-21		28-01-21		В	<b>V</b>			28-01-21
88	Mechanical Tech Sub – MTS020 Dry Riser Equipment		14-01-21	RC	S&C SW	28-01-21		01-02-21		В	<b>V</b>		SW TO CONFIRM COLOUR	
89	Mechanical Tech Sub – MTS005 Cold Water Storage Tank		14-01-21	RC	S&C SW	28-01-21		01-02-21		В	<b>√</b>			
104	Electrical Tech Sub – ETS001 Main Switchgear		21-01-21	RC	S&C SW	04-02-21		05-02-21	135	В	V		5No. Meters to be added as listed (20,21,25,28 & 29) Provide Schematic Social Hub DB is fed from South Court	17-02-21
105	Electrical Tech Sub – ETS002 CHP Incomer Board		21-01-21	RC	S&C SW	04-02-21		05-02-21		В	1		MNL to check with CHP system & check control strategy	
106	Electrical – ETS012 EVCP Points		27-01-21	RC	S&C SW	10-02-21		10-02-21	138	В	<b>V</b>		Please include load management system. Please add a description of the specific system including equipment (number of chargers, charge management etc.) and how it will operate.	17-02-21
107	Mechanical – Drawing Chilled Water Schematic M-T-1000-P01		27-01-21	RC	S&C SW	10-02-21		10-02-21		В	1		Various comments to be addressed	
135	Electrical Tech Sub – ETS001 - Rev02 Main Switchgear - Updated		17-02-21	RC	S&C SW	03-03-21		04-03-21	104	А	<b>√</b>			04-03-21
136	Electrical Tech Sub – ETS03 - Rev02 Distribution Boards - Updated		17-02-21	RC	S&C SW	03-03-21		04-03-21	47	Α	<b>√</b>			04-03-21
137	Electrical Tech Sub – ETS04 Isolators		17-02-21	RC	S&C SW	03-03-21		04-03-21	48	Α	<b>√</b>			04-03-21
138	Electrical – ETS012 – Rev02 EVCP Points		17-02-21	RC	S&C SW	03-03-21		04-03-21	106	В	√			04-03-21
139	Electrical Tech Sub – ETS020 – Rev02 Internal Containment Fire Stopping		17-02-21	RC	S&C SW	03-03-21		04-03-21	54	Α	<b>√</b>			04-03-21
140	Electrical Tech Sub – ETS028 – Rev02 Fire Proof Cables - Updated		17-02-21	RC	S&C SW	03-03-21		04-03-21	58	Α				04-03-21
141	Electrical Tech Sub – ETS029 – Rev02 Control Cables		17-02-21	RC	S&C SW	03-03-21		04-03-21	59	A	<b>√</b>			04-03-21
142	Electrical Tech Sub – ETS030 – Rev02 Conduit - Updated		17-02-21	RC	S&C SW	03-03-21		04-03-21	60	В		<b>√</b>	S&C want steel conduit in Furness Lodge. MNL / GA do not agree	
153	Mechanical – Drawing Above Ground Drainag Schematic		28-02-21	RC	S&C SW	15-03-21								



# **DOCUMENT APPROVAL REQUEST**

Project ref: New College Court - Emmanuel College MEP ONLY

NB: THIS IS A LIVE DOCUMENT AND WILL BE UPDATED REGULARLY
Project no: 479
DELAY IN RECEIPT OF INFORMATION MAY

HAVE A DETRIMENTAL

Revision date: 11-03-21 IMPACT ON PROGRAM

	R	Revision d	ate: 11-03	-21						IMP.	<u>aci oi</u>	<u> </u>	GRAM	_
DAR	DOCUMENTS BY DESIGN DISCIPLINE	PROGRAMME RELEASE DATE	DATE	D BY	ISSUED	RESPONSE	DATE PARTIAL	DATE FULL	SUBSEQUENT / PREVIOUS DAR NO	CTATUS	SUITA RESPO		COMMENTS	DATE DAR
NO.	DOCUMENTS BY DESIGN DISCIPLINE	PROGR RELEAS	RAISED	RAISED BY	ТО	REQUESTED BY	RESPONSE RECEIVED	RESPONSE RECEIVED	SUBSEG PREVIO NO	STATUS	YES	NO	COMMENTS	WAS CLOSED OUT
	M-R-1000-P01													
154	Mechanical – Drawing Domestic Services Schematic M-S-1000-P01		28-02-21	RC	S&C SW	15-03-21								
155	Mechanical – Drawing Ventilation Schematic M-U-1000-P01		28-02-21	RC	S&C SW	15-03-21								
156	Mechanical Tech Sub – MTS017 Fan Coil Units		28-02-21	RC	S&C SW	15-03-21		11-03-21		В			Minor comments	
157	Mechanical Tech Sub – MTS019 Trench Heaters		28-02-21	RC	S&C SW	15-03-21		11-03-21		А			Grille colour to be agreed with SW	
158	Mechanical Tech Sub – MTS024 Water Treatment Plant		28-02-21	RC	S&C SW	15-03-21		11-03-21		А				11-03-21
159	Mechanical Tech Sub – MTS015 AHU's		01-03-21	RC	S&C SW	15-03-21		11-03-21		В			Some comments to be addressed for specific AHU's by MNL	
160	Mechanical Tech Sub – MTS022 AOV's		01-03-21	RC	S&C SW	15-03-21		11-03-21		В			BGU colour to be agreed with SW	
161	Mechanical – Drawing LTHW Secondary Heating Schematic M-T-3000-P01		01-03-21	RC	S&C SW	15-03-21								
162	Mechanical Tech Sub – MTS010 Chiller		07-03-21	RC	S&C SW	22-03-21								

				PP (II	ECT	DISK	( REGISTER				Issue Date: 8-12-2020
				ROJ		NION				BA Ibert-Ash	8-12-2020
lob reference 479: Emmanuel College							Prepared By: Emmett Holmes				
RISK ASSESSMENT	1	1	1	+	ow / 25	high)		RISK MANAGEMENT & ACTION PLAN	ı	ı	T
Risk Description	Consequence	Time/ Cost/ Quality	Owner	kelihood	pact	werall	Actions taken to date	Further Actions required	Actions by	Target Date	Status / Comments
Building Control approval & Fire strategy	Building Regulations	T&C	Design Team/GA	3	3	6	GA to organise meeting with Building control onsite to carry out inspections of ground conditions, piling, Slab and column prep/ DPM's/ brickwork/ MEP installation/ roofing etc etc	Requirements to be developed along with design	Design Team/GA	Ongoing	Status / Comments
Damage to adjacent structures, premises, road surface, pathways	Construction Delays		Tueston				condition surveys undertaken and adjacent building monitoring planned during basment construction.	further sign off upon project completion	rumox		15-2-21 small damage occurred to University Arms hotel wall while site delivery vehicle reversing onto Park Terrace. GA have agreed with hotel to cover any costs associated with the damage. The hotel
		T&C	GA	3	3	6			GA	Ongoing	hotel to cover any costs associated with the damage. The hotel currently getting a quote from their stone mason.
Neighbours / Noisy works	Construction Delays	T&C	GA	3	3	6	Considerate constructor registration RAMS reviewed before works commence to ensure best possible method to reduce noisy works. Newsletters issued when required for advanced notice.	Supply chain RAMS reviewed to include for noise miligation measures.	GA	Ongoing	
Unites	Programme & Cost Impacs	T&C	Design Team, GA	3	3	6	MMLCAR two applied for all required utility applications. Gas, water and USPN	complete final design and confirm dates for installation.	Design Team/GA	Ongoing	5-12.0 CBail and URPN conventions past Water payment outstanding 15-2.2 users connection water 28-1-21 15-3-21 existing gas supply to FL disconnected.
Access Agreement (Regent St)	Programme & Cost Impact	T&C	Bidwells, GA	6	6	12	MMULGA have applied for all required utility applications. Gas, water and USPN	Bidwells is arrange access agreement to align with GA's revised work delect.	Bidwells/GA	Ongoing	8-12-20 : Bideels to arrange access for boundary wall works.
Blook false.  1. Remission to discharge into Hobsonin Condut.  2. Gaining all reference IA consense.  2. Gaining all reference IA consense.  2. Carrierd setspits is based on Bore Hole 1 performance and that an assumption of the perforamone of 2nd Bore Hole has been taken.	Programme & Cost Impact	T&C	Client,Design team,GA	7	7	14	MML have appointed Hex Energy to degrificatel and commission	MNL have appointed Hes Energy to degivirestal and commission lose to be worth. Including confirmation from client learn that all 3 risks takes to be necessarily as the second second second second second takes to be necessarily as the second second second second second second second second second second second second second second second secon	Client, Design Team/GA	Ongoing	8-12.02. MML, and there through yolds the monthing to discuss castingly and programs and the Tell Tell Month of the month of the programs and such dark team following request from claim for the works to communic and yuggst and concepties by thich of 221. 1-3-221, gloss related works design currently being reviewed by INes Energy, Please refer to GISHP design programme
Perving Cordition Descharge	Programme & Cost Impact	T&C	Bidwells, Design Team, GA	7	8		Salands. Diff and GA have been gallering released information to scalarite to planning for revealed cauge.  1. Birds selection: SSAV met with planning (Sissan) to review sign of Pleases in this. Visiting Agreement revisiend the Sissan. Please refer to planning tracker for all conditions and schone cubishding.	States is to Chase planning for formal response to allow GA to produce brick before Christmas.	Bidwell, Design Team/GA	Ongoing	12:1-21 Peterson briok order placed 14th Dec 2020.
Building consent (Funness Lodge)	Programme	Р	Bidwells, Design Team,GA	7	6	13	Bidwells, DT and GA have been gathering relevant information to submit to planning for review/discharge. Please refer to listed building tracker.	Bidwels: to b chase planning for formal response to allow GA to procure brick before Christmas.	Bidwell, Design Team/GA	ongoing	12-121 Vork Handmade brick selection ongoing. Scope of sorts required for remodal works to bricknock opposed after the WIC sax demolithed. 15-2-21 York Handmade brick samples not onsite. Due this week. Mortar selection for all brickwork ongoing.
Covid 19 Panderec	Programme & cost impact	T&C	Design team / Client / GA	7	7	14	See correctly operating, within the latest Concernment advice. GA procedures confident that CPP. Site meetings currently being held via teams/accom to minimize risk.	GA to continue with governments latest guidefines.	Client /Design Team/GA	ongoing	10-1-31 - site sechs continuing with new Text of restrictions. 16-2-21 GA issued new procedures for face masks to be worm oracle.
Brexit ( procurement and delivery of materials)	construction Delay	T&C	Client,Design team,GA	8	8	16	GA have been trying to procure large deliveries of materials (bricks and insualtion) before Jan 2021.	GA awaifing formal response to brick selection from Planning to allow GA to procure.	Bidwell, Design Team/GA	ongoing	
ACM discovered in South Court Roof Structure	Programme & cost impact	TAC	Design team/ Client / GA	9	9	18	Samples talken and results confirmed asbestos. Demolition specialist and asbestos specialist commenced works onsite 11th Jan to remove asbestos. Only Tile Tare aldentified on PMIT is been discovered to date. Small risk of other areas into South Court roof structure may contain ACM.	Monitor demolition works and report any further findings ACM,	Client /Design Team/GA	Closed	

			F	ROJE	СТ	RISK	REGISTER			bert-Ash	Issue Date: 8-12-2020	
Job reference 479: Emmanuel College							Prepared Bv: Emmett Holmes					
RISK ASSESSMENT (0 = Don' 25 Fejt) RISK MANAGEMENT A CITION PLAN												
Nisk Description Delay to Sheet piling installation due to high level pile friction.	Consequence construction Delay	Time/ Cost/ Quality	Owner GA/ Design Team	Likelihood	Impact		the sheet piles to determine if the sheet pile toe embeddment can	SPUK agreed to add sealant to the clutches to assist sheet pile			Status / Comments	
		Т		7	7	14	be reuced to assist with piling installation. Design change not benefical.		SPUK/GA	Closed		
Low Risk 1-7												
Med Risk 8-15												
High Risk 16-25												



# **Emmanuel College New South Court Project**

Civil and Structural Engineering - Progress Report 17th March 2021

Report written on 12<sup>th</sup> March 2021.

### 1. Executive Summary

Ongoing work preparing construction information for the ground floor structure, 'fine-tuning' of the Social Hub substructure and development of the precast concrete stair package.

### 2. Progress

- Concrete mix design submittals agreed.
- B2 columns and walls reinforcement issued and revised to new lift opening setting out.
- B1 slab reinforcement issued.
- Beam & block design reviewed and confirmed.
- Commenced reinforcement detailing of the ground floor structure to New Court.
- Basement waterproofing drainage design developed with specialist.
- Ongoing coordination of builder's work openings in the concrete structure.

### 3. Meetings Attended

- Attended site 18<sup>th</sup> Feb.
- Builder's work workshops with Michael Nugents 18<sup>th</sup> & 26<sup>th</sup> Feb, 4<sup>th</sup> March.
- Pre-cast concrete stair workshop on 19<sup>th</sup> Feb.
- Design team meeting on 22<sup>nd</sup> Feb.
- Attended site on 24<sup>th</sup> Feb.
- Alufix workshop on 25<sup>th</sup> Feb.
- VE review meeting on 25<sup>th</sup> Feb.
- Attended site on 3<sup>rd</sup> March.
- Design team meeting on 8<sup>th</sup> March.
- Design programme review workshops on 11<sup>th</sup> & 12<sup>th</sup> March.

### 4. Work Planned

- Issue ground floor reinforcement details.
- Commence rebar detailing of the first and second floor structure.
- Complete timber framing design of the Social Hub roof.
- Complete reinforcement detailing of some of the precast stairs (below ground floor) and comment detailing of the remainder (above ground floor).
- Ongoing design coordination of precast façade items.

### 5. Authority Approvals

No civil/structural authority approvals are currently outstanding.



Project:	Emmanuel College – New Court
Element:	Whole site
Date of inspection:	1 February 2021
Weather:	Dry, overcast
Plant:	
Labour:	

### Activities inspected on site:

- Capping beam reinforcement.
- Sheet piling installation.

### **General Progress:**

• Similar to the previous site inspection report. The purpose of the visit was a more detailed look at the capping beam reinforcement and sheet pile cut-off levels prior to the pouring of concrete.

Notes	Action
General Comments:	
The capping beam cut-off levels appeared to match that in the	
second survey provided. We were informed that the Pudlo	
waterproofing rep would be on-site to inspect as well, prior to	
concreting.	
Health Safety and Welfare:	
No comments.	

### **Comments/Observations:**

1) Fixing of the capping beam reinforcement was mostly complete.





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Notes Action

2) The corbel reinforcement had been installed. It was noted that due to the bar laps, the rebar was very closely spaced in places. There was some concern over the installation of the fixings to the temporary props.



GA to try to avoid hitting the reinforcement when installing the anchors to the temporary props. SaW confirmed that the 32mm diameter bars are critical for the integrity of the corbel, however the 25mm bars (at the face to the prop) are less so.

3) Sheet piling was ongoing next to the Furness Lodge Coach House.







Project:	Emmanuel College – New Court
Element:	Whole site
Date of inspection:	12 February 2021
Weather:	Dry, overcast
Plant:	
Labour:	

### Activities inspected on site:

- Capping beam reinforcement.
- Coach House preparation for slab.

### **General Progress:**

Similar to the previous site inspection report. The purpose of the visit was to discuss the new openings in the wall of the Furness Lodge coach house, both for the concrete support nibs and the BWIC openings.

Notes	Action
General Comments:	
The concrete works that had been completed appeared to be to a good standard.	
The existing brickwork in the coach house was in poor condition,	
hence it was agreed to reduce the extent of the support 'nibs' to	
avoid compromising the integrity of the wall in the temporary state.	
Health Safety and Welfare:	
No comments.	

### **Comments/Observations:**

1) General site progress.





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Notes Action

2) Much of the Furness Lodge brickwork was in poor condition, with the brickwork loose and able to be removed easily by hand.



As discussed on site, avoid removing bricks in poor quality areas (or immediately next to).

SaW to complete further site visits once the slab has been cast to agree a remedial strategy.

3) The new BWIC openings were marked up on the wall (see red areas in photo, note the level is incorrect). In general it was agreed to reduce the extent of the nibs so they only penetrate 100mm into the wall rather than the full thickness, as the wall was demonstrating it's ability to be supported on a corbel. (*Note: photo taken in later visit*).



Complete the work as agreed but pay close attention to any brickwork being removed. If a brick is locked in place but the surrounding bricks are loose, do not remove the wedged brick.



Project:	Emmanuel College – New Court
Element:	Whole site
Date of inspection:	17 February 2021
Weather:	Dry, overcast
Plant:	
Labour:	

### **Activities inspected on site:**

- Capping beam reinforcement.
- Completed Coach House slab.
- Furness Lodge basement.

### **General Progress:**

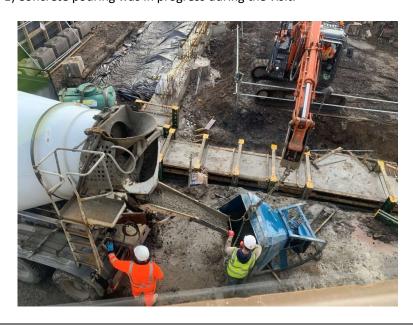
The sheet piling was complete and the capping beam was approx. 80% complete (work ongoing). The Social Hub demolition was also complete.

Notes	Action
General Comments:	
The concrete works continued to be completed to a good standard.	
The completion of the Coach House slab highlighted the poor state of the	
brickwork – repairs to be discussed at a subsequent visit.	
Health Safety and Welfare:	
Two trip hazards were identified, both of which were cables running across	
stairs/steps. These were either moved or mentioned to a nearby operative.	

### **Comments/Observations:**

1) Concrete pouring was in progress during the visit.

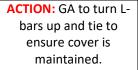
N/A



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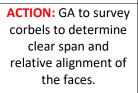
Notes Action

2) The reinforcement to the capping beam generally looked good, however there was one small area in the corner of the Coach House/main Furness Lodge when some L-bars had dropped.





3) The corbels in the south-east corner (near Furness Lodge/Park Terrace) had been cast, however it was unclear whether the corbels align correctly. GA survey of the corbels was already in progress, however it was agreed to increase the level of detail.







**Notes Action** 4) The proposed 200mm duct in the capping beam (for the beer python routing) was discussed and the position clarified. See image below for approximate location on plan (extract from drawing 0127). (FD) CONCRETE PILING AND EXCAVATION IS EXTREMELY CLOSE TO THE EXISTING BUILDING (FURNESS LODGE). METHOD STATEMENTS TO TAKE THIS INTO ACCOUNT 5) The Coach House slab had been cast, with localised pockets to the temporary props (that will be filled in later).

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Notes

6) The Coach House slab had been cast with the reduced nibs as discussed in the previous site visit. Areas of brickwork were left unsupported due to the poor state of the brickwork. The brickwork will continue to corbel in its temporary state for some time, however it should be made good as soon as possible.



**Action** 

ACTION: GA to pack out brickwork with new/reclaimed bricks and dry pack mortar/grout.
Consider architectural and listed building implications.

7) General progress in the Social Hub area.



N/A



otes	Action
8) Ductile iron pipes had been cast through the ground beams for RWP's and surface water drainage, to be connected later. Could not inspect all of the connections as some were buried.	N/A
9) Trenches had been exacavated in the Furness Lodge basement for below-slab drainage.	N/A



### 1. <u>Key Design Progress Update / Package Release</u>

### 1.1 Glulam - Hub & Furness Lodge (bar)

- Glulam finish/treatment under review. Further samples required following fire treatment application, to be reviewed on site at next visit 18.03.21.

### Key design development/updates;

Social Hub Glulam design updated to coordinate with Alufix glazing system

### 1.2 Roofing and Rooflight Package

- NCC roof package issued with new non-flammable insulation build-ups 19.02.21
- Infallible Social Hub roof insulation design reviewed 15.03.21

### Key design development/updates;

 Social Hub parapet needs to increase by 55mm to coordinate with Infallible insulation design. This is in conjunction with the rooflight being able to drop by 75mm.

### 1.3 Demolition & repairs package

### Key design development/updates;

- Treatment of internal walls of Coach House under review.
- Existing service trench surveyed (South Court). Approach/location of new access hatches under review.

### 1.4 Glazing & Curtain Walling Package

- Co-ordination workshops with Alufix 25.02 & 10.03.21

### Key design development/updates;

- Alternative Alufix glazing system subject to ongoing review/coordination. Awaiting review of samples on site.
- Alufix drawings reviewed, comments issued 05.03, 09.03

### 1.5 Lift Package

- Orona Lifts subject to final review/coordination
- Lodige vehicle lift drawings reviewed, comments issued 23.02.21

### 1.6 Precast Stair Package

- Coordination workshop held with SaW 10.03.21
- B2-B1 Stairs issued by SaW, comments returned 15.03.21
- B1-GF Stairs to be issued w/c 15.03

### Key design development/updates;

- Polished Concrete specification and samples in development
- Coordination with stair balustrade design in progress

### 1.7 Precast Package

- Coordination workshop with Amber Valley Precast
- Precast Coping and Lintel Types issued for review 14.03.21

### 1.8 Brickwork Package

- WP Workshop held 04.03.21 to review photos of brick sample panels. Approval to proceed with construction of planning sample panels received. Further review of FL Extension brick required.
- Brickwork Specials Types issued for review 05.03.21
- Meeting with Erne Bricklayers held on site 03.03.21
- Planning sample panel under construction

### 1.9 SIPS Package

- Preliminary construction info issued 12.02.21
- Co-ordination workshops to be arranged once sub-contractor is appointed.

### 1.10 Doors / Floors / Partitions / Ceilings

- Key Suiting meeting held 02.03.21, suiting to be incorporated into door schedule
- South Court Preliminary construction info issued 01.03.21
- South Court updated construction package to be issued 19.03.21
- Co-ordination workshops to be arranged once sub-contractor is appointed.

### 1.11 Bathroom Pods

- Taplanes drawings and specification reviewed 10.03

### Key design development/updates;

- Shower trap replacement strategy developed to allow access through wall below pod, requiring shower tray to be raised to 120mm above FFL with 196mm upstand
- Access hatch to be incorporated into pod ceiling for access to ductwork valves

### 1.12 Stair Balustrade Metalwork

- Coordination workshops held 10.03 & 11.03
- Balustrade to basement car park stairs issued 12.03.21

### Key design development/updates;

- Residential balustrade revised from 16mm to 20mm diameter rods with 125mm spacings (105mm gap) to coordinate with structural requirements. AIS have approved this approach due to children under 5 years not intended to use the stairs unsupervised
- Patinated Brass Handrail design and finish subject to further development

### 1.13 Structures

- Revised basement wall elevations reviewed comments returned 23.02.21
- Revised Ground Floor Slab reviewed comments to be returned to SaW 19.01.21

### Coordination Meetings;

- DTM's with MNL, GA, SaW: 22.02.21, 08.03.21
- Ground Floor Coordination Workshop held with SaW & MNL on 02.03.21
- Social Hub Coordination Workshop to be held 16.03.21

### Key design development/updates;

- Ongoing BWIC co-ordination with MN and SaW for Coach House, basement floors and wall elevations
- Social Hub Beam and Block Floor design reviewed 21.02 & 15.03
- Ongoing co-ordination of structural updates to FL Extension at ground floor level to incorporate Susanna H artwork
- South Court service trench surveyed lid replacement to be finalised

### 1.14 MEP

- Electrical & Mechanical Drawing review ongoing

### Coordination Meetings;

- DTM's with MNL, GA, SaW: 22.02.21, 08.03.21
- Lighting VE Review with MNL and College: 03.03.21

### Key design development/updates;

- Lighting VE Review: Majority of VE agreed, alternative downlighters

- and hand dryers under review
- Furness Lodge Villa ventilation strategy in development
- Furness Lodge extension services route in development

### 2. Look ahead; Coordination / Meetings/ Information Issue

- Final Structural Co-ordination for Social Hub, Ground Floor Concrete Slab and Basement-Ground Floor Precast Stairs
- Social Hub detailed internal package: 19.03.21
- Social Hub internal package review: 25.03.21

### 3. Planning

### Meetings attended;

- Site visit - Brickwork Panel review - 04.03

#### Information issued:

 Information pursuant with LBC Condition 12: Furness Lodge Repairs Schedule issued 03.04

### Future issue of information;

- Further material sample photos to be submitted in support of Condition 3: Target date, 26.03.21
- Furness Lodge Brickwork: TBC. Following comments received form the Working Party further brick types to be reviewed. Strategy for delaying submission of brick type to be reviewed.

### 4. **Building Control**

### Confirmations Received;

- Social Hub rooflight classification To be agreed with College as part of A&M plan.
- Stair Balustrade Loadings and spacing requirement confirmed

### Future issue of information;

- AIS to be copied in to all future package issues.

### 5. CDM Coordination

N/A

# 6. Non-Compliance Schedule / Design Development / Instructed Changes Instructed changes received (affecting architecture):

- PMI 023 - List of items to be reviewed as part of VE:

### **Design Development Summary:**

- Stair Balustrade Design: Residential balustrade revised from 16mm to 20mm diameter rods with 125mm spacings (105mm gap) to coordinate with structural requirements. AlS have approved this approach due to children under 5 years not intended to use the stairs unsupervised.
- Social Hub parapet needs to increase by 55mm to coordinate with Infallible insulation design. This is in conjunction with the rooflight being able to drop by 75mm.

### 7. Environmental Issues

N/A

### 8. Information reviewed by / required from client team

- Decision re preferred treatment of internal Coach House walls, following cost review as well as Working Party review and comment. Working Party requested that walls be repointed, filled and cleaned before decisions is made on finale treatment/'wash'. Instruction required
- Furness Lodge extension, brick sample panel York Handmade brick. Further review of brick and mortar required with Working

### Emmanuel College - Progress Meeting Report 05 17 March 2021

- Party following comments.
- Confirmation of acceptance of rooflight classification Social Hub.
- File note submitted re CEDEC gravel for review by College. As per report Following review of precedent projects and confirmation that manufacturer recommendations have been included in the design, we would recommend that CEDEC is suitable for the location proposed in South Court, provided the surface is installed by a CED approved sub-contractor and is maintained in accordance with the manufacturer's recommendations (as noted).

### 9. Look ahead; Coordination / Meetings/ Information Issue

- Meeting on site with Susan Smith (Conservation and Design Officer) to review proposed FL brickwork.
- Further material sample photos to be submitted in support of Condition 3: Target date, 26.03.21