

Report Title	Frimley Park Hospital RAAC Planks
Meeting and Date	Trust Board meeting 13 January 2023
Agenda Item	(to be completed by Company Secretariat)
Author and Executive Lead	Guy Davies, Deputy Director Estates & Facilities Nigel Foster, Executive Director of Finance & Estates
Executive Summary	<p>The Board has been regularly briefed on the issues relating to the presence of Reinforced Autoclaved Aerated Concrete (RAAC) planks in the structure of Frimley Park Hospital. The national requirement to remove RAAC planks by 2030 is one of the primary reasons why a new Frimley Park Hospital is needed. Until we have a new hospital, it is important that we demonstrate the actions in place to maintain safety, and provide assurance to our staff, patients, and visitors.</p> <p>Approximately 65% of the hospital is affected by RAAC planks including many of the core areas such as wards, theatres, maternity, the hospital streets, and ICU. It is also present in other buildings on site which were originally residences and more recently used as offices.</p> <p>This paper outlines:</p> <ul style="list-style-type: none"> • The background to the presence of RAAC planks in the structure of Frimley Park Hospital • The approach taken to manage and mitigate the safety risks. • The Trust's response to structural surveys which have been undertaken • The actions taken when immediate structural concerns are identified. <p>Safety works have been undertaken since 2012 and there is an ongoing programme of remedial works based on the risk assessments undertaken by our structural engineers. Contingency plans in the event of a RAAC incident are in place, and further emergency planning exercises are planned.</p> <p>The current programme of works is focused on maintaining the safety of the existing structure, however there is a national requirement for RAAC planks to be completely removed from NHS buildings. The Board has approved a Strategic Outline Case for the complete replacement of the Frimley Park Hospital, and we are currently awaiting further national guidance (which is expected in the next few weeks).</p>

Background	<p>Frimley Park hospital was built in 1974 to a 'Best Buy' hospital standard template with two storeys and internal courtyards. The superstructure construction is pre-cast concrete columns and beams with inverted concrete troughs to the first floor and Reinforced Autoclaved Aerated Concrete (RAAC) Planks to the roof. The external walls and internal partitions are RAAC vertical planks. Approximately 65% of the hospital is affected by RAAC planks including many of the core areas such as wards, theatres, maternity, the hospital streets, and ICU. It is also present in other buildings on site which were originally residences and more recently used as offices. Later additions to the site (such as the Emergency Department and Parkside) have not been constructed with RAAC planks.</p> <p>The RAAC planks have already significantly exceeded their design life of 30 years and they are prone to deterioration due to things like water ingress, temperature change and excess weight on the roof. In recent years, risks and issues have become apparent in buildings that have used RAAC planks elsewhere in the UK. The Building Research Establishment (BRE) and the Standing Committee on Structural Safety (SCOSS) have issued reports which advise on actions to be taken to address the risk of a collapse of part of a building, or less drastic failures of the structure (such as delamination – where a thin layer of concrete comes away from the main part of the plank). In May 2019, SCOSS raised a specific alert to emphasise the potential risks from such construction following the failure of a RAAC panel roof construction within an operational school. This collapse was sudden, though fortunately there were no injuries.</p> <p>Without remedial action, there is clearly a safety risk in a hospital which provides a 24/7 services where patients, visitors and staff are present. Some images of RAAC planks and areas of delamination and the use of Acrow props for temporary support can be seen at Appendix A.</p> <p>The issues and risks with RAAC planks are widely recognised across the NHS, and formal funding allocations have been issued to affected Trusts since April 2021. This has funded our programme of inspections and repairs. In addition to the internal actions being taken by the Trust, there are monthly meetings with regional and national estates colleagues. As well as reviewing the actions underway to maintain the safety of the hospital, these meetings provide opportunity to share learning from other affected sites and from the national research programmes. We also work directly with colleagues from the other RAAC hospitals at both an operational and Executive level, to share learning and ensure alignment of our approach with regional and national teams.</p> <p>The Trust has been undertaking actions to mitigate the risks arising from RAAC planks for over a decade. A major replacement of the external roof covering (costing nearly £5m) was undertaken following an incident in Yellow Street in 2012. Extensive advice has been taken from BRE, SCOSS, and Gurney Consulting Engineers (GCE) to ensure that the risks associated with the RAAC planks are identified and proactively managed. There is a continuing need to do this until the RAAC planks can be completely eliminated and NHSE now require this to be undertaken by 2030. The Trust made an 'expression of interest' in joining the New Hospitals Programme in September 2021, and subsequently prepared a Strategic Outline Case to enable the elimination of the</p>
-------------------	---

	<p>RAAC planks through a complete replacement of the Frimley Park Hospital. This has been approved by the Trust and ICB Board, but at the time of writing there hasn't yet been formal confirmation of our inclusion in the New Hospitals Programme. However, we have been allocated central funding for safety works as follows: 2021-22 - £7.5m, 2022/23 - £8m, 2023/24 - £5m, 2024/25 - £5m.</p>
<p>Issues and Options</p>	<p>MAINTAINING SAFETY</p> <p>Ensuring the safety of our staff, patients and visitors is of paramount importance. Through the ongoing programme of monitoring and remedial works, we can assure everyone that Frimley Park Hospital is safe.</p> <p>RAAC Planks remedial works programme</p> <p>In April 2022 our structural engineers (Gurney Consulting Engineers - GCE) completed the first annual inspection of every roof RAAC plank. This is in addition to repeat surveys of RAAC planks guided by their assessment of risk. Reports are received from GCE, and this information is added to a comprehensive database which identifies every RAAC plank's location and condition. It records any actions taken to ensure safety is maintained.</p> <p>If following inspection immediate remedial action is required, the Trust's Capital Team act straight away to ensure safety and generate an IIMARCH report. The IIMARCH report is an NHS England RAAC Plank Incident Report. When defects are found, temporary repairs are undertaken to reduce the level of risk to acceptable levels until such time as permanent remedial works are undertaken. It should be noted that all temporary repairs required following inspection have been actioned. For these area, six monthly reviews are in place until permanent remedial repairs can be completed. Major programmes of work have been undertaken in priority areas e.g. ICU, Theatres, CDS, Anaesthetics, Recovery and the Streets. Some of these areas have already been completed or are in progress, and others are planned to take place during 2023/24. Information concerning IIMARCH reported incidents since May 2022 and the actions taken are summarised at Appendix B.</p> <p>The 2022/23 programme of RAAC plank remedial works is summarised at Appendix C, and the most up to date report on progress is at Appendix D. When substantial repair works are undertaken, it can involve closure of the affected areas for many months – for example we have had two operating theatres and parts of ICU closed for most of 2022. Whilst all our ward areas are safe, we have not been able to undertake permanent repairs. This will require creation of appropriate alternative 'decant' space, which is one of the reasons why the Trust (in addition to the Strategic Outline Case for a new hospital) has submitted to NHS England an Outline Business Case for the redevelopment of the M-Block area of the site. If approved, we will have two additional wards from mid 2024.</p> <p>The key points and recommendations from the annual report from our structural engineers (GCE) and the Trust's response to each of them are set out below.</p>

	Recommendation	Trust response
1	The Trust is to vacate and demolish the remaining residences buildings as soon as possible.	It is anticipated that demolition will commence Q4 2022/23 subject to ability to fully decant buildings.
2	Ward F10 Bed Bays A & B & surrounding area to be made available for RAAC roof survey.	This ward has now been surveyed.
3	Theatres 9 & 10 to commence roof remedial works Spring 2023, GCE advise no further delays.	Included on programme of works.
4	Theatres 5 & 6, works to commence as soon as possible, high risk due to loads from above.	Works are in progress and will complete end of March 2023
5	Mulberry Suite roof remedial works to be completed.	Works are in progress and due to complete in February 2023
6	ICU roof remedial works currently under construction as part of major refurbishment to be completed	Works are now complete
7	Anaesthetics roof remedial works imminent to be completed.	Works are now complete
8	Streets roof remedial works currently under construction, to be completed	Yellow street (west) has been completed and the remainder of blue street will be completed Q4 22/23
9	DSU2 & Maternity roof remedial works to prioritize outside of Streets rectangle.	DSU2 is programmed to take place in Spring 2023 subject to agreed access. Maternity F11 has now been programmed to take place in FY 24/25 with Gurney's agreement.
10	C Block - consider removal of RAAC planks.	This refers to the area on the ground floor of C block underneath the atrium/admin block. The recommendation to remove the RAAC planks in this area is because they serve no structural support to the building anymore as when the admin block was built a concrete floor was added. Gurney is currently undertaking survey works to establish how the removal of planks would be carried out. Works to undertake this are programmed for FY 24/25.
11	Defects to RAAC roof planks appear to be progressive, carry out roof surveys in line with NHSE guidelines.	Roof surveys are carried out annually as recommended within NHSE guidelines
12	Carry out 'roof reinforcements' project as soon as possible to remove services and the like bearing onto RAAC planks.	Phase A is complete to clear the roof. Phase B to reinforce support on the plant has commenced and will complete in the summer of 2023.
13	Carry out 'non accessed planks' project as soon as possible.	Planned non access plank works have been completed in all affected areas except for 1 side room in F3 and 2 side rooms and above the reception desk in F7. (Access was delayed due to the severe operational pressures in December)

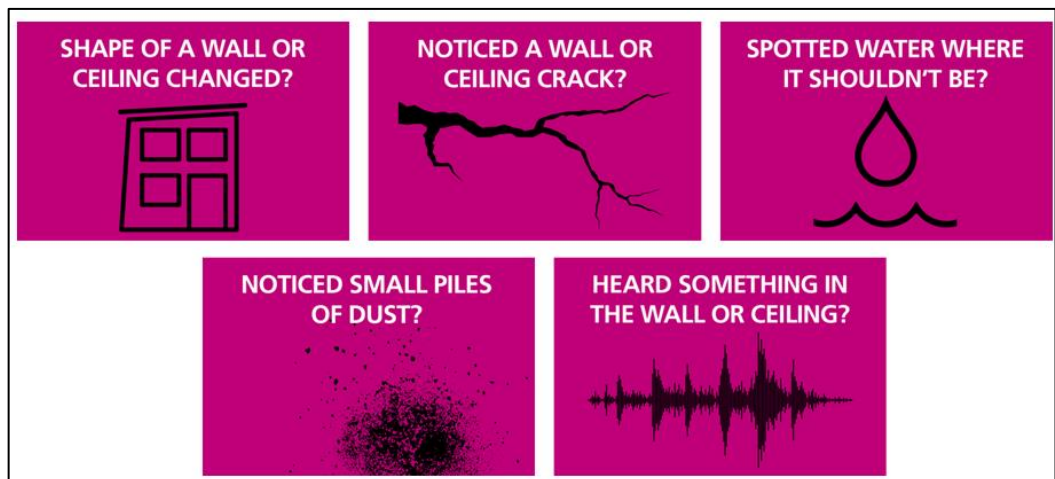
It can be challenging to inspect RAAC planks when they are located in clinical areas operating 24/7. The RAAC planks can also be difficult to physically access, and it requires careful planning with clinical and operational teams to balance the need for clinical capacity in the face of great operational pressures with the need to ensure safety of the RAAC planks. Some fixed ceilings have needed to be replaced with ceiling tiles to facilitate future survey inspections. This will reduce the need for clinical service interruption that would otherwise occur with future inspections.

There was a concern that due to the very high temperatures last summer the RAAC risk may have increased due to differential expansion of the RAAC and the steel rebar within the planks. However, our structural engineers attended site during the hottest days and no additional risks were identified. They reported that because the Trust had invested significantly in recovering the roof using modern insulation, this had helped keep the heat away from the roof planks.

We did however identify problems resulting from very heavy rain in November which resulted in the need for further safety works as advised by GCE.

CONTINGENCY PLANNING

In addition to building works to mitigate RAAC plank risks, measures have been undertaken to increase awareness with general global communications, as well as more specific engagement with particular staff groups. In addition to staff briefings the following posters are displayed in staff areas (with details of who to contact in case of concern):



A number of Emergency Planning exercises have been undertaken to support our staff so they can respond effectively in the event of a RAAC plank delamination or shear collapse. These exercises have tested the effectiveness of the initial response to an incident and the associated command and control arrangements. They have also helped identify the wider effects resulting from a partial loss of the hospital site and to identify any gaps within existing plans / processes.

The exercises have particularly focussed on operating theatres and the ICU, and a more generic ward / department-based exercise has been developed. This will be run on a smaller scale to previous exercises, and it is planned to roll this out across all first floor wards and departments during 2023.

A programme for future exercises is being drawn up, and this will include a larger scale desktop evacuation exercise to involve key partners including NHSE, SCAS and SECamb

	<p>and the ICB. A similar exercise was undertaken in the East of England region last year, and the learning from this has been shared.</p> <p>NEXT STEPS</p> <p>In addition to the ongoing development of our plans for a new hospital, over the next few months we will be:</p> <ul style="list-style-type: none"> • Agreeing (in consultation with NHS England and our structural engineers) the programme of works for 2023/24, and producing the necessary business case • Progressing works on the M-Block redevelopment (subject to NHS England approval) • Continuing with the rolling programme of RAAC plank inspections and completing any necessary remedial work • Continuing with the staff communications and emergency planning works outlined above
Recommendation	That the Trust Board NOTES the content of this report.
Appendices	<p>A – RAAC Planks and areas of delamination and the use of Acrow props for temporary support</p> <p>B - IIMARCH reportable incidents summary and actions taken</p> <p>C – 2022/23 programme of RAAC Plank remedial works</p> <p>D – Remedial works 2022/23 progress report</p>
Compliance	To ensure health and safety for staff, patients, and visitors.

RAAC Planks and areas of delamination and the use of Acrow props for temporary support

Example of structure of a RAAC plank:



Photos from Frimley Park Hospital:



IIMARCH reported incidents and the actions taken

Appendix B

Date	Location	Nature of incident	How identified (e.g. routine inspection, as part of other construction, staff identified, sudden incident)	Impact on staff / patients / service interruption	Recommended action	Immediate repairs complete Y/N date	Permanent repairs complete Y/N date
25 th May 2022	F3 Bed bay A	The defects consisted of a large delamination to the soffit of one plank with significant transverse cracks to a further 2 planks.	Routine inspection	In order to carry out the necessary work to make safe this area, the bed bay was taken out of service for 2 weeks while temporary timber supports were installed and asbestos coated artex removed.	Asbestos coated artex removed and a configuration of timber joists and wedges fixed to the primary structure and partition walls.	Yes, repairs completed on Wednesday 16 th June.	No. Gurney Consulting Engineers to monitor the temporary works at 6 monthly intervals. Long term plan is to provide permanent remedial works utilising steel beams and plates dry packed to the underside of the RAAC planks. F3 ward is currently programmed for permanent repairs to be undertaken in FY 24/25
30 th June 2022	Maternity ward over reception area	The defect is a physical hole that appears to have been punched through the inclined planks forming the roof lights. The hole is on the joint between 2 planks and affects both planks. The hole is historic and not previously considered to be an extremely high risk however, there are now cracks emanating from the hole across the width of the planks, so the defect is progressive, and the risk increased.	Routine survey inspection	Minor disruption while works undertaken. High risk to staff if plank were to collapse.	RAAC roof plank requires support. To avoid the use of Acrow props utilise timber plates, joists, and wedges. Due to the planks being inclined a system of timber joists and timber plates is to be employed to support the planks. Joists to be 25mm minimum from underside of plank and folding wedges installed at 250mm centres	Works commenced 25 th July and completed 28 th July.	No. Permanent repairs will be undertaken in FY 23/24. In the meantime Gurney Structural Engineers will monitor the temporary works at 6 monthly intervals.

28 th July 2022	Maternity ward over reception area	<p>During installation of temporary timber supports to inclined planks where defects had been previously identified within the Maternity Dept at Frimley Park Hospital, a defect was noted to an adjacent plank that had developed further since the annual survey was undertaken and is now considered to be high risk.</p> <p>As a consequence, temporary support was recommended by Gurney Consulting Engineers until full remedial works can be undertaken. The defect is a crack to the edge and underside of a flat plank, adjacent to the inclined planks. The crack has developed further since the annual survey and deflection appears to have increased, suggesting the defect is progressive and the risk therefore increased.</p>	Routine survey inspection	Minor disruption while works undertaken. High risk to staff if plank were to collapse.	1no RAAC roof plank requires support. To avoid the use of Acrow props utilise timber plates, joists and wedges as GCE sketch detail. The works comprise the installation of 2no 47 x 150 C24 timber joists on galvanized joist hangers supported on timber plates fixed to the face of the main precast concrete beams. The timber joists are to be set clear of the underside of the roof planks and folding timber wedges installed tight to the underside of the plank at max 300mm c/c.	Works commenced 25 th July and completed 28 th July.	No. Permanent repairs will be undertaken in FY 23/24. In the meantime, Gurney Structural Engineers will monitor the temporary works at 6 monthly intervals.
31 st Aug 2022	Ground Floor – C Block – Sterlizer plant Rooms	Multiple cracks and spalling with loose concrete were found in one RAAC plank	This was identified during the routine inspection.	Minor disruption while works undertaken.	<p>RAAC planks requires support. Therefore, 47x150 C24 timber plates supported on to existing steel beams. 47x150 C24 joists parallel to plank and supported on timber plates (bolted to steels) by joist hangers. Joists to be 25mm minimum from underside of plank and folding wedges installed at 250mm centres.</p> <p>All loose concrete to be carefully removed.</p> <p>In 6 monthly intervals Gurney Consulting Engineers (GCE) to monitor this support system until permanent remedial work (in the form of steel beams and plates</p>	Installed w/c 17/10/22	No permanent repairs will be undertaken in FY 23/24. In the meantime, Gurney Structural Engineers will monitor the temporary works at 6 monthly intervals. Long term plan is to provide permanent remedial works or remove the planks.

					dry packed to underside of the RAAC planks) is carried out		
13 th Sept 2022	F1 Bed Bay	Brackets has been fixed directly to RAAC plank in past which has resulted in the loose concrete	This was identified during the removal of fixed ceiling.	Minor disruption while works undertaken.	2no. RAAC roof planks require support. To avoid the use of Acrow props utilise timber plates, joists, and wedges. 47x150 C24 timber plates bolted to primary precast concrete beams. 47x150 C24 joists parallel to plank and supported on timber plates by joist hangers. Joists to be 25mm minimum from underside of plank and folding wedges installed at 250mm centres. All loose concrete to be carefully removed. In 6 monthly intervals Gurney Consulting Engineers (GCE) to monitor this support system until permanent remedial work (in the form of steel beams and plates dry packed to underside of the RAAC planks) is carried out	Temporary work installed on 12/09/2022	Permanent work has been programmed for March 2024.
13 th Oct 2022	F5 Corridor and Wet Room	During the annual survey of RAAC roof planks within Ward F5, Large of area of bulging under RAAC planks were found which is considered to be extremely high risk.	Routine Inspection	Minor disruption while works undertaken.	2no. RAAC roof planks require support. To avoid the use of Acrow props utilise timber lates, joists and wedges. 47x150 C24 timber lates bolted to primary recast concrete beams. 47x150 C24 joists parallel to plank and supported on timber plates by joist hangers. Joists to be 25mm minimum from underside of plank and folding wedges installed at 250mm centres. All loose concrete to be carefully removed.	Immediate repairs completed on 18/10/2022	No permanent repairs will be undertaken in FY 23/24. In the meantime, Gurney Structural Engineers will monitor the temporary works at 6 monthly intervals. Long term plan is to provide permanent remedial works or remove the planks.

					Gurney Consulting Engineers to monitor the temporary works at 6 monthly intervals. Long term plan is to provide permanent remedial works or remove the planks.		
26 th Oct 2022	F9- Bed Bay A	A large section of RAAC has spalled from the edge of an inclined plank and reinforcement are exposed.	During an inspection of RAAC roof planks following the removal of fixed ceilings within Ward F9 at Frimley Park Hospital	Minor disruption while works undertaken.	1no. RAAC roof plank requires support. To avoid the use of Acrow props utilise timber plates, joists and wedges. 47x150 C24 joists parallel to plank and supported on timber plates by joist hangers or bearing concrete onto beam. Joists to be 25mm minimum from underside of plank and folding wedges installed at 250mm centres. All loose concrete to be carefully removed.	Immediate repair completed 27/10/2022	No permanent repairs will be undertaken in FY 23/24. In the meantime, Gurney Structural Engineers will monitor the temporary works at 6 monthly intervals. Long term plan is to provide permanent remedial works or remove the planks.
03 rd Nov 2022	Ward F4	A RAAC plank within F4 opposite Bed Bay E has been subject to water ingress following heavy rain.	Staff identified	Minor disruption while works undertaken.	1no. RAAC roof plank require support. To avoid the use of Acrow props utilise timber plates, joists and wedges as GCE sketch detail. The works comprise the installation of 2no 47 x 150 C24 timber joists on galvanized joist hangers supported on timber plates fixed to the face of the main precast concrete beams. The timber joists are to be set clear of the underside of the roof planks and folding timber wedges installed tight to the underside of the plank at max 300mm c/c.	Yes 04-11-2022	No permanent repairs will be undertaken in FY 23/24. In the meantime, Gurney Structural Engineers will monitor the temporary works at 6 monthly intervals. Long term plan is to provide permanent remedial works or remove the planks.

03 rd Nov 2022	C-Block, Laundry	A RAAC plank above the laundry area within C-Block has been subject to water ingress following heavy rain.	Staff identified	None	<p>1no. RAAC roof plank requires support. To avoid the use of Acrow props in the long term, utilise timber joists and wedges as GCE sketch detail.</p> <p>47x150 C24 joists parallel to plank and supported on main steel beams. Joists to be 25mm minimum from underside of plank and folding wedges installed at 250mm centres.</p> <p>Any loose concrete to be carefully removed.</p> <p>FHFT to remedy water leaks as soon as possible.</p>	Timber installed on 07/11/2022	No permanent repairs will be undertaken in FY 23/24. In the meantime, Gurney Structural Engineers will monitor the temporary works at 6 monthly intervals. Long term plan is to provide permanent remedial works or remove the planks.
03 rd Nov 2022	F10/F11 Corridor	RAAC planks within the F10/F11 Corridor have been subject to water ingress following heavy rain.	Staff identified	None	<p>2no. RAAC roof plank require support. To avoid the use of Acrow props utilise timber plates, joists and wedges as GCE sketch detail.</p> <p>The works comprise the installation of 2no 47 x 150 C24 timber joists on galvanized joist hangers supported on timber plates fixed to the face of a main precast concrete beam and an RAAC wall panel. The timber joists are to be set clear of the underside of the roof planks and folding timber wedges installed tight to the underside of the plank at max 300mm c/c.</p> <p>FHFT to remedy water leaks as soon as possible.</p>	Timber installed on 07/11/2022	No permanent repairs will be undertaken in FY 23/24. In the meantime, Gurney Structural Engineers will monitor the temporary works at 6 monthly intervals. Long term plan is to provide permanent remedial works or remove the planks.

03 rd Nov 2022	C Block , Rear Access Corridor	RAAC planks above the rear access corridor to C-Block have been subject to water ingress following heavy rain.	Staff	Impact on staff corridor access close until timber support is installed	<p>3no. RAAC roof planks require support. To avoid the use of Acrow props in the long term, utilise timber joists and wedges as GCE sketch detail.</p> <p>47x150 C24 joists parallel to plank and supported on main steel beams.</p> <p>Joists to be 25mm minimum from underside of plank and folding wedges installed at 250mm centres.</p> <p>Any loose concrete to be carefully removed.</p> <p>FHFT to remedy water leaks as soon as possible.</p>	Timber installed on 07/11/2022	No permanent repairs will be undertaken in FY 23/24. In the meantime, Gurney Structural Engineers will monitor the temporary works at 6 monthly intervals. Long term plan is to provide permanent remedial works or remove the planks.
16 th Dec 2022	Staff WC on the F10/F11 corridor	During the annual RAAC inspection, a previously recorded defect within a plank above the Staff WC on the F10/F11 corridor was noted to have worsened, with additional spalling to the plank soffit noted.	Routine Inspection	No impact on patients or service. Will impact on staff, having 1 WC out of service for the morning while remedial work is undertaken.	<p>1no. RAAC roof plank requires support. To avoid the use of Acrow props utilise timber plates, joists, and wedges.</p> <p>47x150 C24 timber plates bolted to primary precast concrete beams.</p> <p>47x150 C24 joists parallel to plank and supported on timber plates by joist hangers.</p> <p>Joists to be 25mm minimum from underside of plank and folding wedges installed at 250mm centres.</p> <p>All loose concrete to be carefully removed.</p>	Yes. Repairs carried out on Monday 19 th Dec 2022	No. Gurney Consulting Engineers to monitor the temporary works at 6 monthly intervals. Long term plan is to provide permanent remedial works or remove the planks. Permanent repairs planned to take place in FY 24/25

					Joists to be 25mm minimum from underside of plank and folding wedges installed at 250mm centres. Any loose concrete to be carefully removed.		
--	--	--	--	--	---	--	--

2022/23 RAAC works programme and budget summary

Appendix C

Project description	Estimated Budget (G)	April2022	May2022	June2022	July2022	August2022	September2022	October2022	November2022	December2022	January2023	February2023	March2023
Streets	791,312	91,487	91,487			194,274	178,925					219,790	15,349
Anaesthetics	366,926				61,154	122,309	122,309	61,154					
Theatre 7	198,702	99,351	99,351										
Theatres 5 & 6	774,228							119,112	148,890	96,779	111,668	148,890	148,890
Mulberry Suite	408,567			0	0	76,606	102,142	102,142	102,142	25,535			
ICU (A side)	1,667,784	241,946	241,946	241,946	941,946								
Roof reinforcement (Part A)	21,455	14,303	7,152										
Roof reinforcement (Part B)	240,604						24,226	40,759	32,607	32,607	42,463	33,971	33,971
Non access	321,878	40,235	40,235	40,235	40,235	40,235	40,235	40,235	40,233				
External Decorations	772,634		113,727	142,159	113,727	143,507	114,806	114,806	29,902				
Elm House	3,575,715	656,428	656,428	950,003	656,428	656,428							
Annual Surveys	101,652	8,471	8,471	8,471	8,471	8,471	8,471	8,471	8,471	8,471	8,471	8,471	8,471
Recovery	402,003										134,001	134,001	134,001
A3 Lift Motor Room	44,880										14,960	14,960	14,960
Physio Gym	274,991										137,495	137,495	137,495
Total	9,643,460	1,152,221	1,258,797	1,382,814	1,821,961	1,241,830	591,114	486,679	362,245	163,392	296,603	545,123	340,682

RAAC safety works progress report - December 2022

- **Maternity Mulberry suite** - Phase 1 completed December. Phase 2 will be completed by the end of February 2023. The extended completion date is because of the re-routing of medical gases.
- **Theatres 5 and 6** – works are in progress. 9 weeks into a 24-week programme which will complete in end of March 2023.
- **Accessing previously non accessible planks** – Completion delayed due to asbestos located in 2 side rooms and nurse station in ward F7 and 1 side room in Ward F3. Pending agreed access to complete.
- **Roof reinforcement Phase B** – Onsite and due to complete Summer 2023
- **External decorations** - Complete
- **ICU A** – Complete
- **Elm Block** – Complete
- **Anaesthetics staff room** - Complete.
- The annual cycle of **routine inspections** is in progress and due to complete end March 2023.

Planned safety works

- **Lift Motor Room and A3 Plant Room** – Awaiting detailed drawings for costing. Anticipate out to tender in January 2023
- **Physio Gym** – Drawings currently out for costing.
- **Theatre Recovery** – Start on site planned 16th January 2023, but awaiting operational confirmation
- **Streets** – Yellow Street West and part of Blue Street will take place in Q4 22/23.