

PWYLLGOR DATBLYGU STRATEGOL A CHYFLENWI GWEITHREDOL STRATEGIC DEVELOPMENT AND OPERATIONAL DELIVERY COMMITTEE

DYDDIAD Y CYFARFOD: DATE OF MEETING:	21 December 2023
TEITL YR ADRODDIAD: TITLE OF REPORT:	Reinforced Autoclaved Aerated Concrete (RAAC) Planks
CYFARWYDDWR ARWEINIOL: LEAD DIRECTOR:	Andrew Carruthers, Executive Director of Operations
SWYDDOG ADRODD: REPORTING OFFICER:	Rob Elliott, Director of Estates, Facilities and Capital Management

Pwrpas yr Adroddiad (dewiswch fel yn addas)

Purpose of the Report (select as appropriate)

Er Gwybodaeth/For Information

ADRODDIAD SCAA

SBAR REPORT

Sefyllfa / Situation

This report is a update following the previous report submitted to the Strategic Development and Operational Delivery Committee (SDOD) on 26 October 2023.

Cefndir / Background

Reinforced Autoclaved Aerated Concrete (RAAC) is a material used in construction in many buildings between the 1960s and 1990s. Its presence has been confirmed in a range of National Health Service (NHS) properties across the United Kingdom (UK) and includes several properties in Wales.

All actions now being undertaken by Hywel Dda University Board (HDdUHB) are fully aligned to revised industry guidance which was updated in early 2023.

This new industry guidance is based on more intensive research which has shown that this material has a far lower structural loading capacity than other generic reinforced concrete products. Due to this fact, there is a risk of structural collapse should the product fail. The condition of RAAC Planks has been shown to deteriorate if water is present due to roof leaks etc, which can compromise the reinforcement bars contained within these planks.

Asesiad / Assessment

A detailed programme of work has been developed to remediate all critical and high-risk planks. In addition, where the Health Board has been able to safely, temporarily prop areas, these facilities have also been reopened pending future repair works.

In order to proceed urgently with this remedial work a capital plan has been developed and fully supported by Welsh Government (WG) in the sum of £12.8m.

As works have now progressed further, the financial position with WG has now been updated as below. It should be noted that the reduction in spend in the current Financial Year with a

transfer of this funding into 2024/25. WG are supportive of this as they appreciate the complexity of areas being undertaken next year, including completing Outpatient Department (OPD) A, the Physiotherapy Gymnasium and the Main Kitchens.

A summary of this financial position is as follows:

Budget 23/24	£	7,692,577.01
Anticipated spend	£	6,531,996.82
<i>Underspend</i>	<i>£</i>	<i>1,160,580.19</i>

Planned 24/25 spend	£	5,106,839.09
<i>Add 23/24 underspend</i>	<i>£</i>	<i>1,160,580.19</i>
24/25 revised budget	£	6,267,419.28

To date the status of the RAAC surveys and repair programme is as follows:

Task Name	Duration	Start	Finish
WGH RAAC: 2023/24 CONSTRUCTION PHASE SUMMARY	220 days	Mon 15/05/23	Fri 15/03/24
POTWASH ADVANCED WORK (COMPLETE)	50 days	Mon 15/05/23	Fri 21/07/23
EMERGENCY PROPPING/ADVANCED WORK (COMPLETE)	50 days	Mon 24/07/23	Fri 29/09/23
WARD 9 (COMPLETE)	86 days	Mon 12/06/23	Sun 08/10/23
WARD 12 (COMPLETE)	91 days	Mon 10/07/23	Sun 12/11/23
TEMP KITCHEN ENABLEMENT WORK (COMPLETE)	40 days	Mon 11/09/23	Fri 03/11/23
TEMP KITCHEN FACILITY (COMMISSIONING STAGE)	81 days	Mon 14/08/23	Mon 04/12/23
SPH ADDITIONAL BED CAPACITY (CONSTRUCTION PHASE)	50 days	Mon 16/10/23	Fri 22/12/23
WARD 7 (CONSTRUCTION PHASE)	55 days	Mon 09/10/23	Fri 22/12/23
WARD 11 (CONSTRUCTION PHASE)	55 days	Mon 09/10/23	Fri 22/12/23
WARD 8 (MOBILISATION STAGE)	75 days	Mon 04/12/23	Fri 15/03/24
WARD 10 (MOBILISATION STAGE)	75 days	Mon 04/12/23	Fri 15/03/24
OPD A (TENDER STAGE)	75 days	Mon 29/01/24	Fri 10/05/24

HDdUHB is now progressing rapidly with the plank-by-plank surveys needed for the remaining areas on the ground floor and lower ground floor, including areas which have been temporarily propped and are currently in use.

The programming of work in these areas is now being considered in line with service priorities. Noting that OPD A is being fast tracked with a completion date of mid-May 2024.

It should be noted that the above works and approved funding will only cover remediation repairs to P1 and P2 Planks (critical and high-risk respectively). The Amber risk planks and Green risk planks will require regular inspection every 6 or 12 months (frequency currently being considered).

This inspection regime will be disruptive going forward and the Health Board has been advised by the specialist structural engineers that further deterioration of RAAC planks should be expected and therefore further costs will be incurred in the future. Also given the concerns on the structural stability of RAAC planks any future maintenance requiring access to these flat

roof areas will be challenging and will require a range of measures to avoid inappropriate loading of these areas.

These matters have been reported to WG to make them fully aware of the ongoing challenges of RAAC at Withybush Hospital (WH).

Argymhelliad / Recommendation

The Strategic Development and Operational Delivery Committee is asked to:

- **NOTE** the above report.
- **NOTE** temporary propping of areas, where possible, to allow clinical services to continue.
- **NOTE** the support funding from Welsh Government for the 2023/24 and 2024/25 Financial Year.
- **NOTE** the ongoing surveys of Reinforced Autoclaved Aerated Concrete Planks areas in the future and the expectation of further deterioration and further investment being necessary.
- **NOTE** that further updates will be presented at future Strategic Development and Operational Delivery Committee meetings.

Amcanion: (rhaid cwblhau)	
Objectives: (must be completed)	
Committee ToR Reference: Cyfeirnod Cylch Gorchwyl y Pwyllgor:	Not Applicable
Cyfeirnod Cofrestr Risg Datix a Sgôr Cyfredol: Datix Risk Register Reference and Score:	1382 1699 1707
Galluogwyr Ansawdd: Enablers of Quality: Quality and Engagement Act (sharepoint.com)	6. All Apply
Parthau Ansawdd: Domains of Quality Quality and Engagement Act (sharepoint.com)	2.1 Managing Risk and Promoting Health and Safety Governance, Leadership & Accountability
Amcanion Strategol y BIP: UHB Strategic Objectives:	4. The best health and wellbeing for our individuals, families and communities
Amcanion Cynllunio Planning Objectives	5a Estates Strategies
Amcanion Llesiant BIP: UHB Well-being Objectives: Hyperlink to HDdUHB Well-being Objectives Annual Report 2021-2022	10. Not Applicable

Gwybodaeth Ychwanegol: Further Information:	
Ar sail tystiolaeth: Evidence Base:	Within the report
Rhestr Termau: Glossary of Terms:	Within the report
Partïon / Pwyllgorau â ymgynhorwyd ymlaen llaw y Pwyllgor Datblygu Strategol a Chyflenwi Gweithredol Parties / Committees consulted prior to: Strategic Development and Operational Delivery Committee	Pwyllgor Iechyd a Diogelwch Health & Safety Committee

Effaith: (rhaid cwblhau) Impact: (must be completed)	
Ariannol / Gwerth am Arian: Financial / Service:	Capital funding required to deliver the survey programme
Ansawdd / Gofal Claf: Quality / Patient Care:	Direct Impact on patient Environment. Ward decant being arranged to maintain capacity. Some risk that it will be challenging to maintain capacity dependent on the outcome of the survey findings
Gweithlu: Workforce:	Staffing impacts being mapped out by operational site teams with full HR support.
Risg: Risk:	The risk is identified on the corporate risk register. Targeted meetings being arranged to manage the programme, to include development of project specific risk register.
Cyfreithiol: Legal:	Not Applicable
Enw Da: Reputational:	High potential for media and political interest. Communication team supporting the programme.
Gyfrinachedd: Privacy:	Not applicable

**Cydraddoldeb:
Equality:**

Not applicable