

**Board of Directors
Tuesday 24 October 2023
Reinforced Autoclaved Aerated Concrete: Update**

Agenda Item Number:		14.
Presented for:	Discussion	
Report of:	Update on reinforced autoclaved aerated concrete	
Author (s):	Managing Director and Associate Director of Estates and Capital Delivery	
Report History:	None	
Publication Under Freedom of Information Act:	This paper can be made available under the Freedom of Information Act 2000 if requested.	
Links to HIF's Objectives		
Deliver an efficient and effective service offering to Harrogate and District Foundation Trust		√
Create strong sustainable partnerships		√
Develop sustainable organisational systems		√
Develop and maintain a strong, efficient and agile workforce		√
Strengthen the local community through collaboration		√
Recommendation:		
The Board of Directors is asked to note the plans that are being developed to eradicate RAAC across the HDH site.		

1.0 Introduction

- 1.1 As the Board will be aware the issues of RAAC has been very high profile in the media in recent weeks, particularly in relation to the Education sector.
- 1.2 The NHS has been aware of RAAC across a number of hospital sites for some time and HDFT has been actively managing and monitoring RAAC on the HDH site, taking action as required.
- 1.3 The purpose of this report is to -
 - Provide the Board with an update on the current position in relation to RAAC on the HDH site, highlighting the areas of potential risk
 - Detail the actions that are being taken to eradicate the RAAC across the hospital site

2.0 Current Position

- 2.1 A detailed structural survey has been undertaken by WSP (Structural Engineers) to identify if RAAC is present on the HDH site and assess the risk of these areas remaining in use. The survey identified RAAC has been used for roof construction in the following areas:-

- Therapy Services
- Energy Centre
- Estates/Stores
- ITU / Farndale Corridor
- Nidderdale Corridor
- Various Plant Areas

- 2.2 The attached site plan details the areas where RAAC is present

Key RAAC Areas to Note:

1. Roof C - Therapy Services Department, approximately 2000m² of RAAC (Clinical Space)
2. Roof F - Energy Centre
3. Roof D - Day Surgery Corridor / IT / Day Surgery Anaesthetic Waiting (Clinical)
4. D6 Corridor has been made safe using timber propping. This corridor leads from Herriott's Restaurant to Main Theatres (Main Circulation)
5. Wensleydale to ITU Corridor B3 (Main circulation)



2.3 [REDACTED] have indicated that the following mitigating actions need to be taken.

- Implementation of an annual monitoring programme (Year 1 Complete)
- A site wide deflection survey for all individual RAAC planks (Complete)
- Develop fail safe, eradication and interim propping design solutions
- In addition to the year 1 report, an immediate action report was issued by [REDACTED] affecting 13 RAAC panels which required emergency propping / fail safe works. (1 plank remaining which can't be accessed in DSU)
- End bearing strengthening works required for all RAAC planks
- An urgent remedial solution is required site wide for all RAAC planks

2.4 A business case has been developed to support site wide RAAC eradication. This was been submitted to the NHSE RAAC Board in May 23. The scheme includes a modular decant facility and is requesting circa £ [REDACTED] in Capital funding.

2.5 To ensure we carry out a suitable review of our Community Premises, the HDFT Health and Safety team have written to all landlords requesting a current RAAC position. A number of responses have been received and are currently under review.

3.0 HDFT Action Plan

3.1 Establishment of an HDFT multidisciplinary RAAC Risk Reduction Group to manage a range of strategic and operational risks

3.2 Develop site-wide design solutions for both interim fail safe and RAAC eradication schemes. (All areas containing RAAC require an urgent remedial solution) as detailed in the [REDACTED] Year 1 monitoring report

3.3 Year 2 RAAC monitoring programme to be carried out by [REDACTED] (Structural Engineers)

3.4 Report progress into the NHSE RAAC Board on a monthly basis

3.5 Liaise with EPRR colleagues to support clinical contingency planning

4.0 Conclusion

4.1 The Board of Directors is asked to: -

Note the work that is ongoing to manage RAAC across the site and the actions that are being taken by both HDFT and HIF to address the problems

Date: 10/10/23

Ref: AG/ [REDACTED] 10/10/23