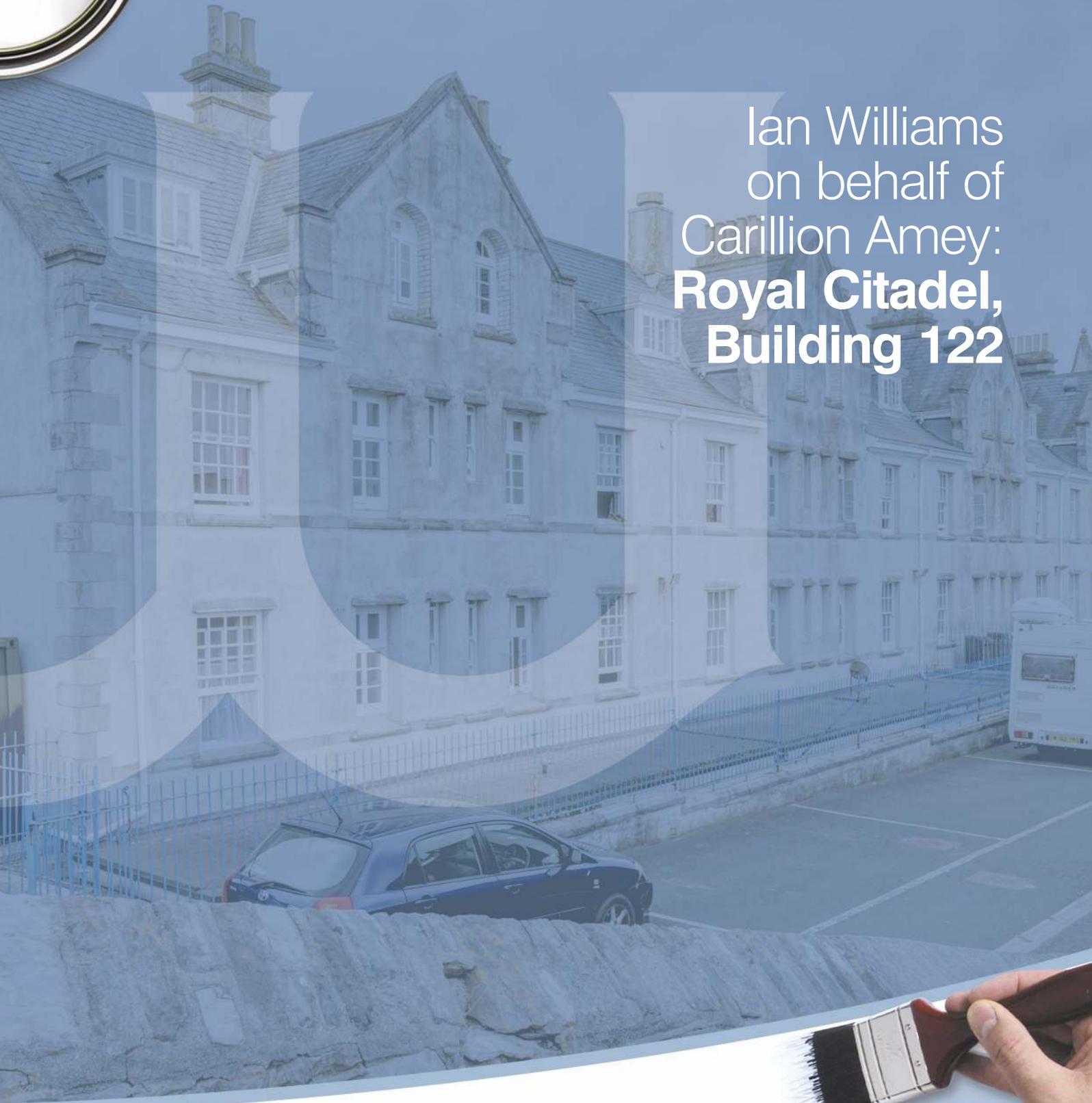




Ian Williams
on behalf of
Carillion Amey:
**Royal Citadel,
Building 122**




ian williams
Looking after Buildings

Project: Royal Citadel, Building 122



Task: External repairs and decorations, accommodation block

Products used:

- Dulux weathershield system

Client: Carillion Amey

Background

Built on the rocky Hoe overlooking Plymouth Sound, the Royal Citadel replaced an Elizabethan castle known as Drake's Fort. Remaining in military use the Royal Citadel is used as an Army Barracks and is currently home to 29 Commando Regiment of the Royal Artillery, housed in a number of accommodation blocks. These blocks are subsequently based within the curtilage of a scheduled ancient monument.

Project Details:

Ian Williams is an approved specialist to carry out works at Ministry of Defence sites for Carillion Amey. We were contracted by Carillion Amey to undertake external repairs and decorations to one of the accommodation blocks in the Royal Citadel, building 122. The building itself is Grade II listed

The block is a listed building and therefore careful planning and sign off is required from the Citadel of all works to be undertaken, including the methods to be used to carry out the work.

Subsequently, it was important that we provided a safe access method to work at all levels of the building, whilst ensuring no damage to the prestigious listed building.

We engaged with one of the only scaffolding specialists approved to work on the site, Chris Sedgeman Scaffolding, to design a scaffold structure that would enable us to carry out the work to the building whilst not harming the structure and ensuring safety for all operatives, building users and passing pedestrians.

The scaffold to the rear of the building required a bespoke design as two thirds of the elevation had a flat roof in front of it from the basement area below, which could not hold the weight of the scaffold. We therefore assembled two towers either side of the roof and installed a bridged scaffold between the two towers, enabling safe access to carry out the work.

The project was completed within three months with an average of four of our operatives on site throughout the project. All operatives require Enhanced Baseline Personnel Security Standard (BPSS) security checks in order to gain approval by Carillion Amey and must display their Carillion Amey ID badges at all times.



The Challenges...

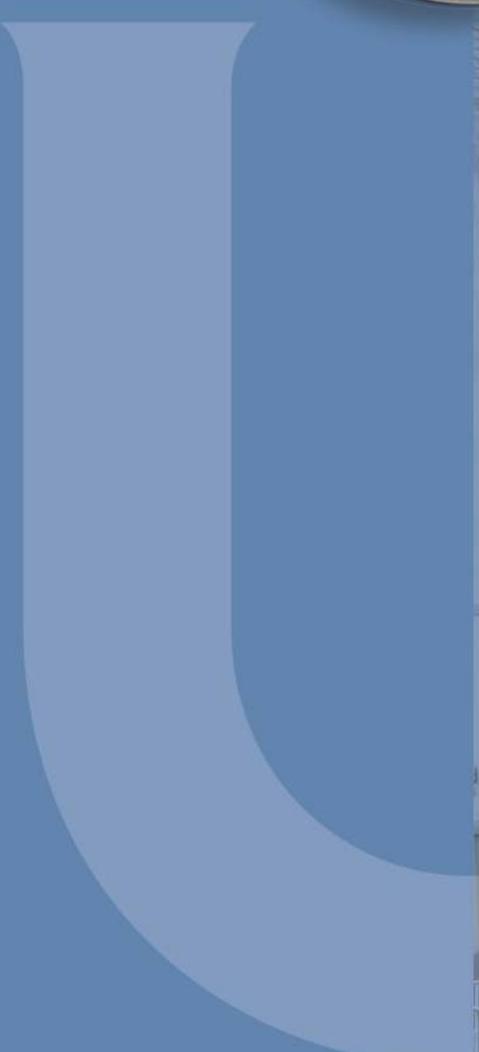
Key challenges in this project included:

- **Occupied, live, sensitive environment:** the building and site remained occupied, including high profile military staff and members of the public visiting the site. Health and safety was paramount, especially as the scaffolding surrounded the entire building. All staff on site had to be approved by the client, received site specific inductions prior to starting work on site and carried specific I.D badges at all times.
- **Weather:** The Royal Citadel is located on an exposed, coastal elevation meaning that weather can affect our ability to carry out the work. Our direct delivery workforce enabled us to be flexible in terms of resources deployed on the project, ensuring we remained on track with the programme despite losing time due to inclement weather
- **Foreign Object Debris/Damage (FoD):** the site has helicopters flying in and out on a regular basis, for safety purposes we therefore had to ensure that all materials, objects and equipment were safely secured at all times and nothing was left on site overnight



Apprentices/ Trainees:

Bradly Johns, P&D Apprentice



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