

**CLIENT:**

**Royal Holloway,  
University of  
London**

**Introduction**

Over the 130-year history of the university, Royal Holloway have created an environment where a close-knit community thrives. The campus is one of the most beautiful in the world with numerous teaching and study spaces, bars and cafés, high-quality accommodation, and sports facilities.

All this is set in 135 acres of stunning parkland. Most of the teaching and social activities take place on campus and this is where most undergraduates live in their first year.

Founder's Building is one of the world's most spectacular university buildings, and home to a famous Picture Gallery containing Thomas Holloway's fine collection of Victorian paintings, and a beautiful chapel. It also houses a dining hall, students union, sports facility and library and is home to approximately 500 students.

**Client brief**

To overcome access challenges at various locations around the University campus. To remove existing timber ramps which were beginning to decay and no longer fit for purpose, to be replaced with an alternative solution.



**Identified solutions at survey**

- **Founders Building Main Entrance:** Remove existing timber ramp and replace with galvanised steel ramp, warm touch coated handrails at 1:15 gradient.
- **Founders Building North Quad:** Install new ramp with 2 x 30-degree offset platforms avoiding stone pillars at 1:15 gradient.
- **Munroe Fox:** Remove old timber ramp and replace with new modular steel ramp at 1:15 Gradient including stepped access.
- **Wetton Annex:** Install multiple ramps at various fire exits to rear of modular buildings including steps.
- **Bourne Building:** Install Modular steel ramp from multiple entrances leading to a central access point 1:15.
- **Sports Centre:** Access from raised concrete area adjacent to sports centre down onto sports pitches at 1:15 gradient.
- **Moore Building:** Install public access ramp overcoming existing stepped access at threshold.
- **The Chapel:** Excellent Systems ramping to access raised steps within the chapel. 1:13 Gradient with visible highlighting.





## Projected time on site to complete the installation

Multiple visits to site, out of term time, throughout 2012-2015. All works planned to fit in with Royal Holloway's schedule of works.

## Challenges identified at site survey

- Installations were to be completed out of term time.
- Access to certain areas of the campus was difficult and the manual handling of equipment was required to move kits and components to the various locations.
- Removal of spoil was well planned so the storage of skips on site could be minimised.
- Ensuring each site was safe and secure because large numbers of people were still planned on site out of the academic terms.



## Installation elements including all site considerations

Ensuring that safe alternative access is available to all building entrances during installation of groundworks and modular ramps.

Provide and display clear signage to signpost alternative access points.

Secure working areas using protective barriers/coning and tape.

Follow as instructed, all procedures required by Royal Holloway technical staff at site induction.

Request guidance on vehicle parking, material storage and skip locations.

PPE including Hi-Vis to be worn at all times, hard hat only required when working in close proximity to other contractors.



## Project summary

All works completed to a high standard and to the requested specification. Client was very happy with finished results at all locations and satisfied with working processes and final execution of all ramp installations.



10  
YEAR  
WARRANTY

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