



CASE STUDY: MOTTISFONT VILLAGE HALL

REPLACING A STEEP CONCRETE DISABLED RAMP

REQUIREMENT: The existing concrete ramp was too steep and became slippery in wet weather. This was a clear hazard for both able-bodied and disabled users.

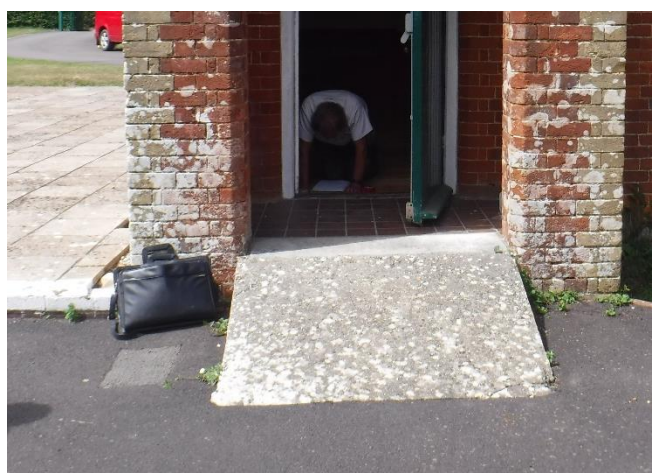
In Its place, a durable, slip-resistant ramp would be required.

Application: Listed Building

Location: Romsey, Hampshire

System: Standard Ramp System

Service Package: Supply & Install



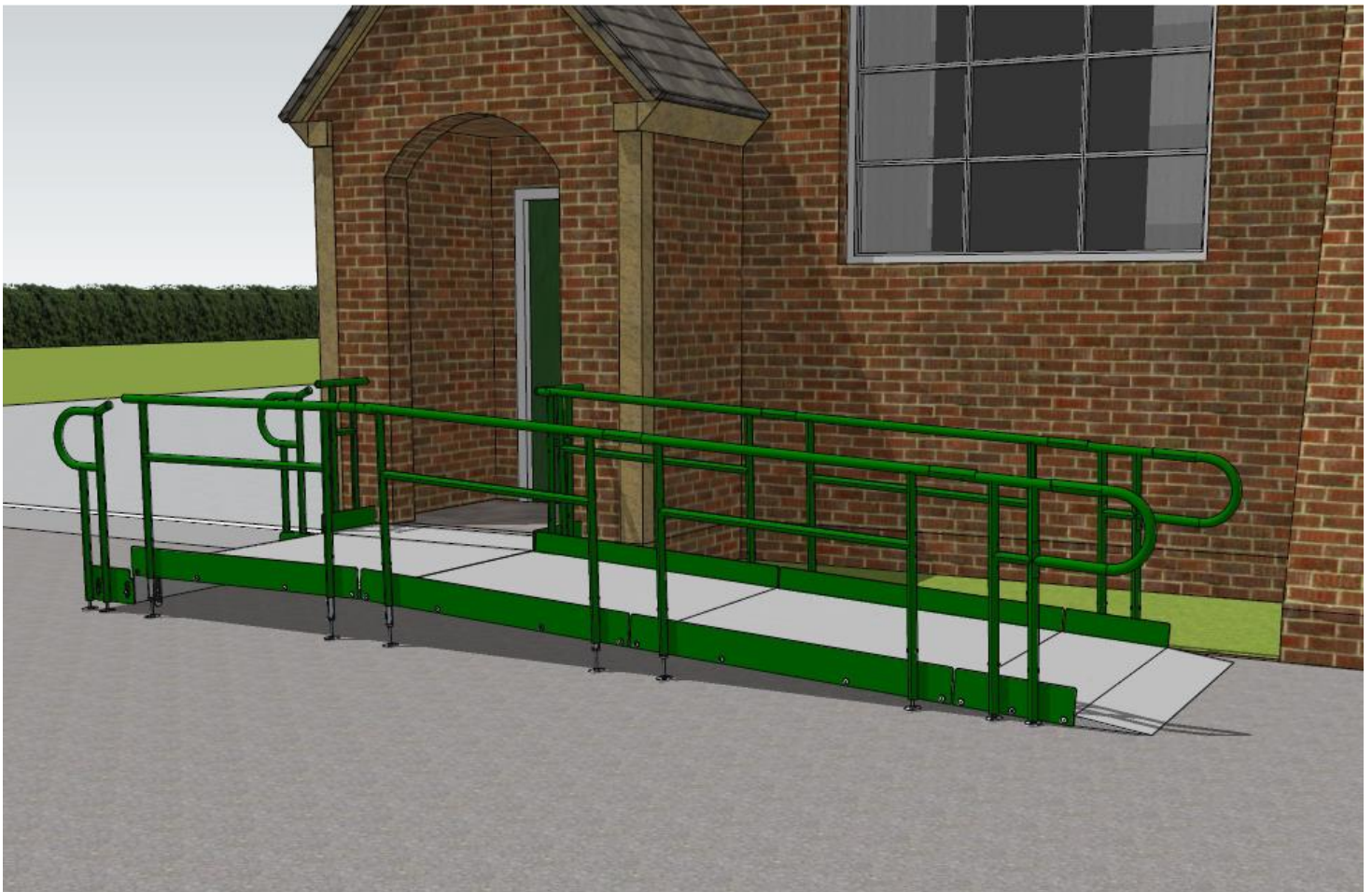
ADDITIONAL INFORMATION: The hall is over 100 years old, once serving as the old schoolhouse and now a cherished listed building.

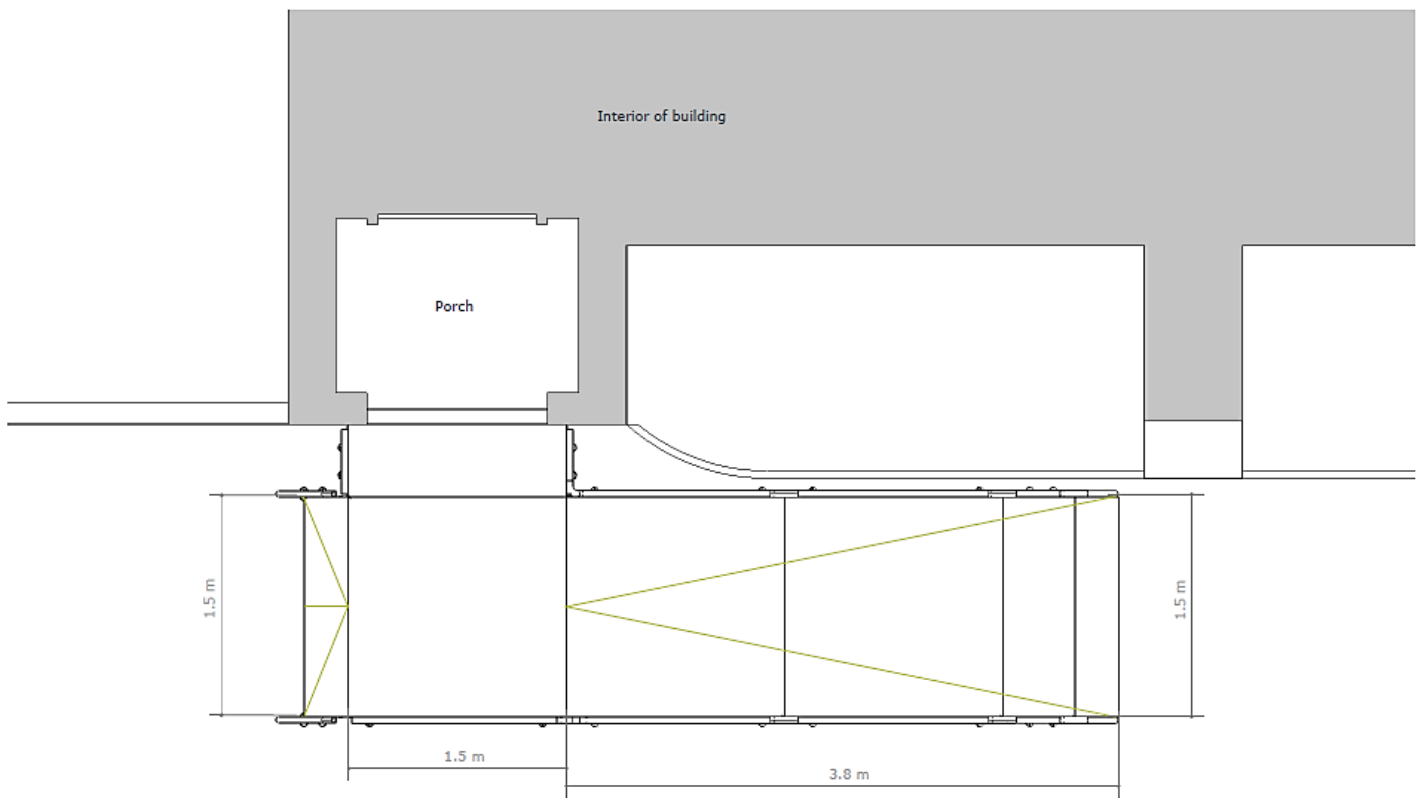
Due to this, the management committee searched for an option that would leave minimal to no impact.

Our [modular ramp](#) was ideal as no ground bolting is necessary and requires little to no contact with the building.



CAD and technical drawings were designed by our specialist CAD designer in-house, from dimensions and photos taken on-site by our site surveyor.





END RESULT: Once the old concrete ramp had been broken up, we installed a modular Rapid Ramp within a morning. This prevented the installation encroaching on the afternoon hall bookings.

The modular ramp has a 1:15 gradient and includes a self-draining mesh platform. This prevents moss being able to grow on the surface and will remain slip-resistant for its entire lifespan.

The project was successfully completed with funding from the National Lottery.

Concealed wall fixings were attached from the entrance for support. These were the only components fixed to the building.

Once the components are bolted together the weight of the ramp itself keeps it neatly in place with no ground fixing required.

FEATURES INCLUDED:

- Mesh Platform - the self-draining mesh allows water to pass through rather than collect on the surface.
- Trombone Ends - these are added to the ends of a Rapid Ramp to prevent clothes catching.
- Standard Handrail - this handrail system ensures users always have support to hold onto.
- Powder coated Finish – Rails are coated with thermosetting powder to provide a non-conductive, non-slip and scratch resistant surface.
- Telescopic Legs - these can be adjusted to accommodate different threshold heights.

EXTRA FEATURE INCLUDED:

- Step Unit - access for able-bodied users.



LOTTERY FUNDED

CONCRETE DISABLED RAMPS VS MODULAR METAL RAMPS

A pooling of water commonly occurs on the surface of concrete ramps which feeds moss growth and the freezes, causing the ramp surface to become a hazard. Also, unlike modular ramps, concrete cannot be easily modified, changed, or removed if later required.

[>Click for further differences between metal modular ramps and concrete ramps<](#)

FLEXIBLE INSTALLATIONS:

Installations are flexible and planned around the specific needs of each project.



Many thanks to the team for installing our ramp this morning. A very professional and proficient job. We're very pleased and I'm sure the rest of the committee will be too!



Management Committee Member



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requiring wheelchair access?**

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