



CASE STUDY: Maidenhead library

A FIRE EXIT RAMP MADE FROM NON-COMBUSTIBLE STEEL

REQUIREMENT: Replacing the wooden ramp to the fire exit. It was weathered and unsafe for use in the event of an emergency.

A steel ramp was chosen since the material is non-combustible; therefore, it does not burn if exposed to fire.

Application: Public Buildings

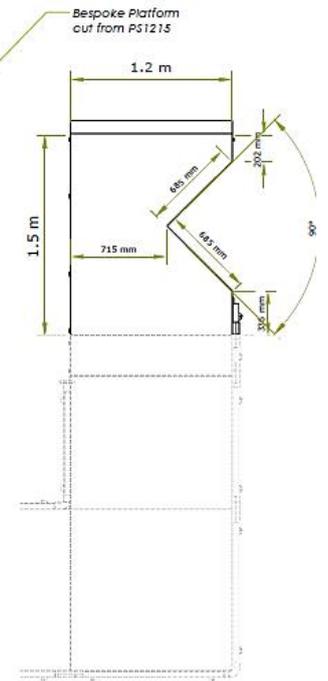
Location: Maidenhead, Berkshire

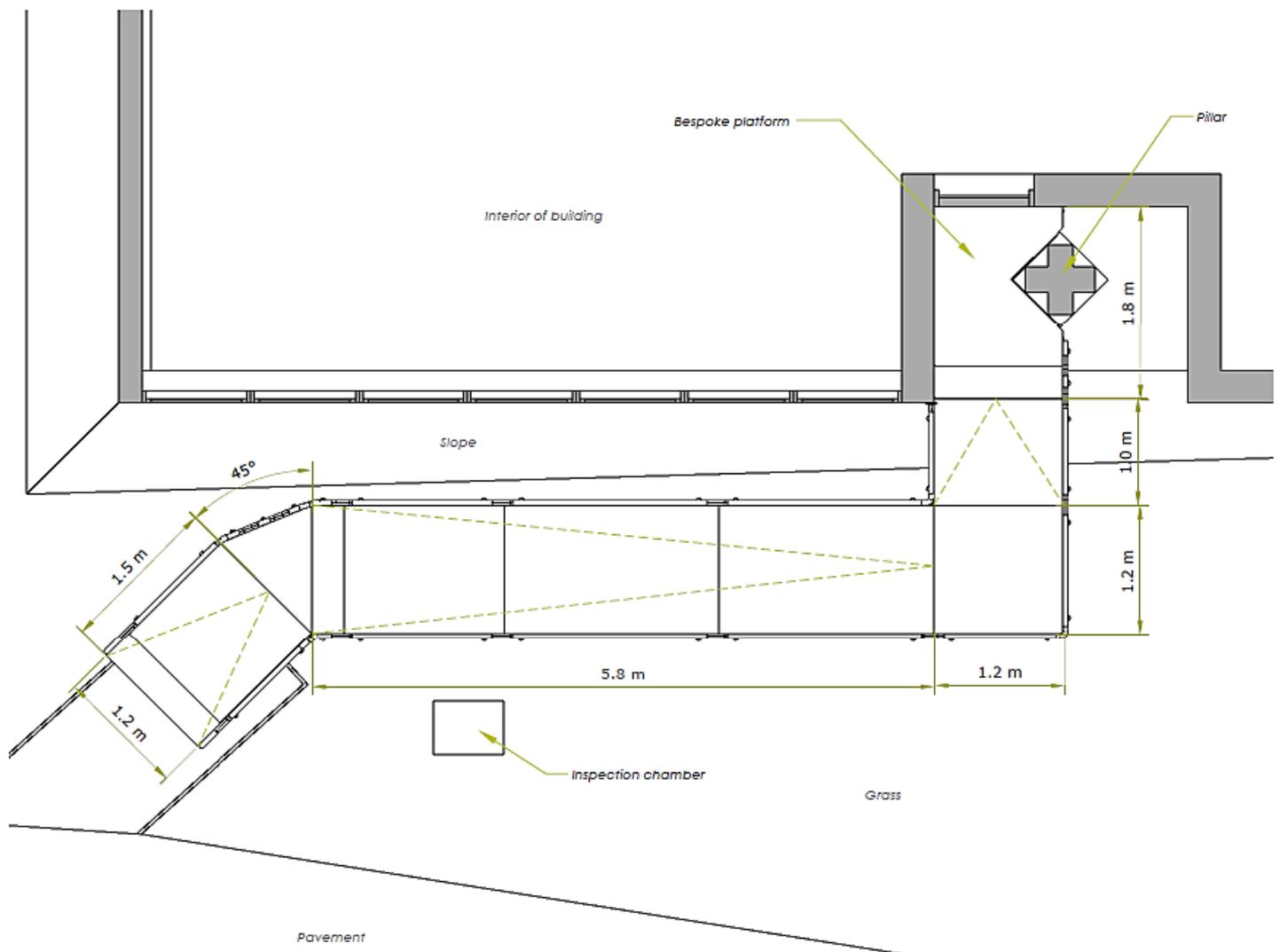
System: Standard Ramp System

Service Package: Supply & Install



ADDITIONAL INFORMATION: CAD and technical drawings were designed in-house and based on site measurements taken.

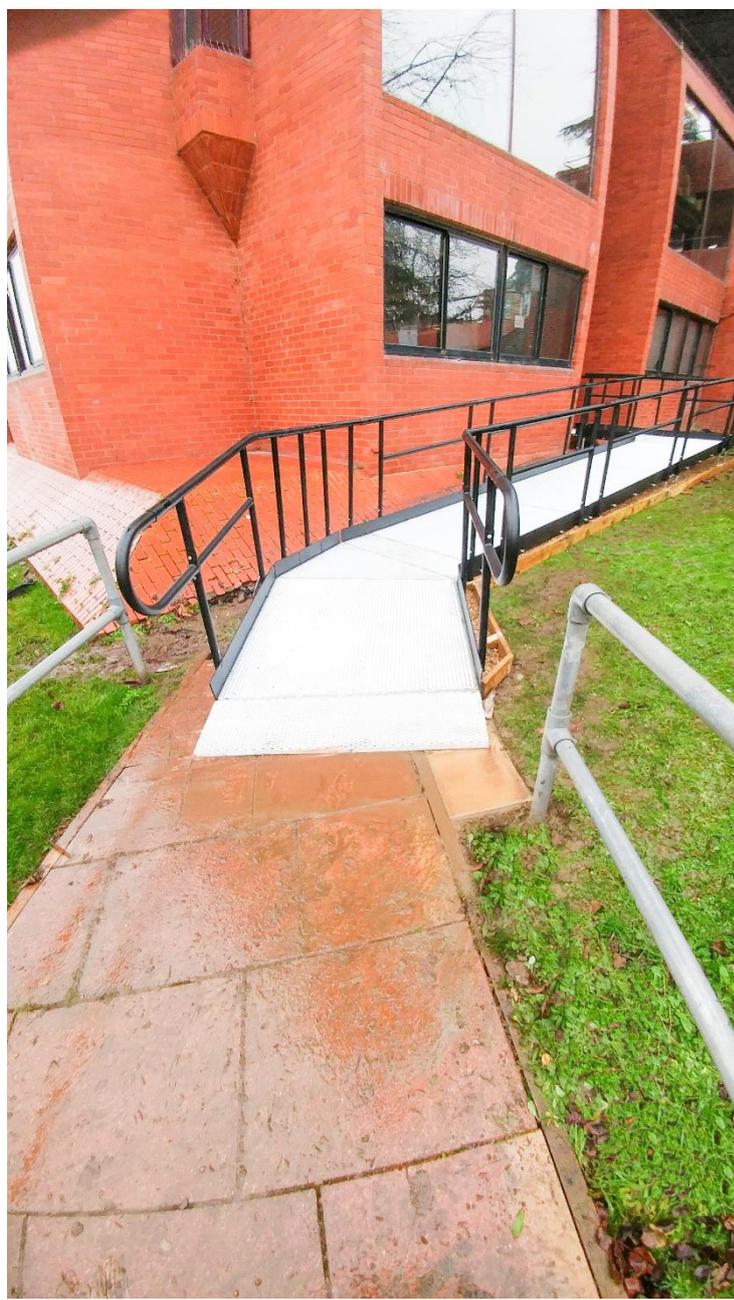
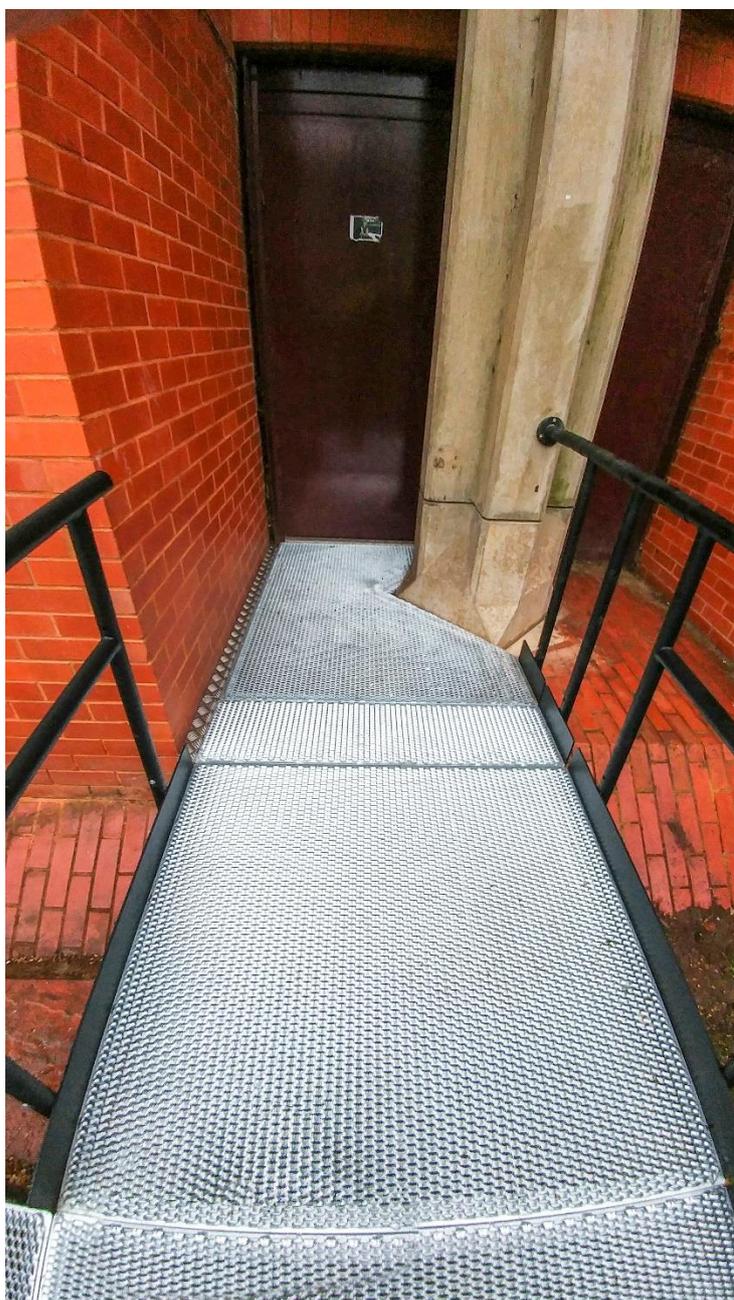
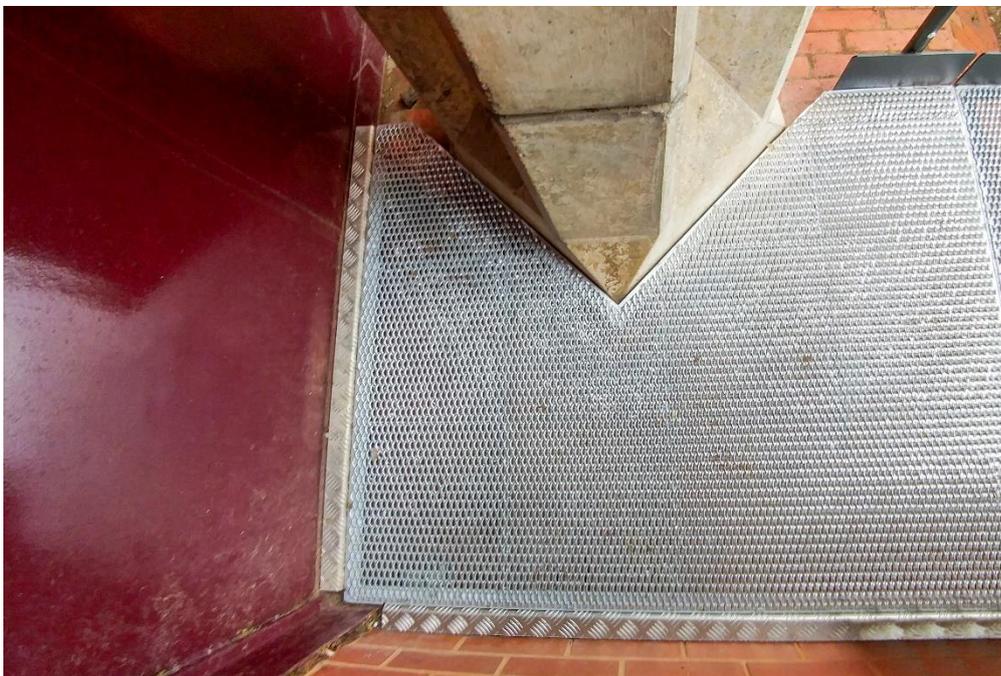


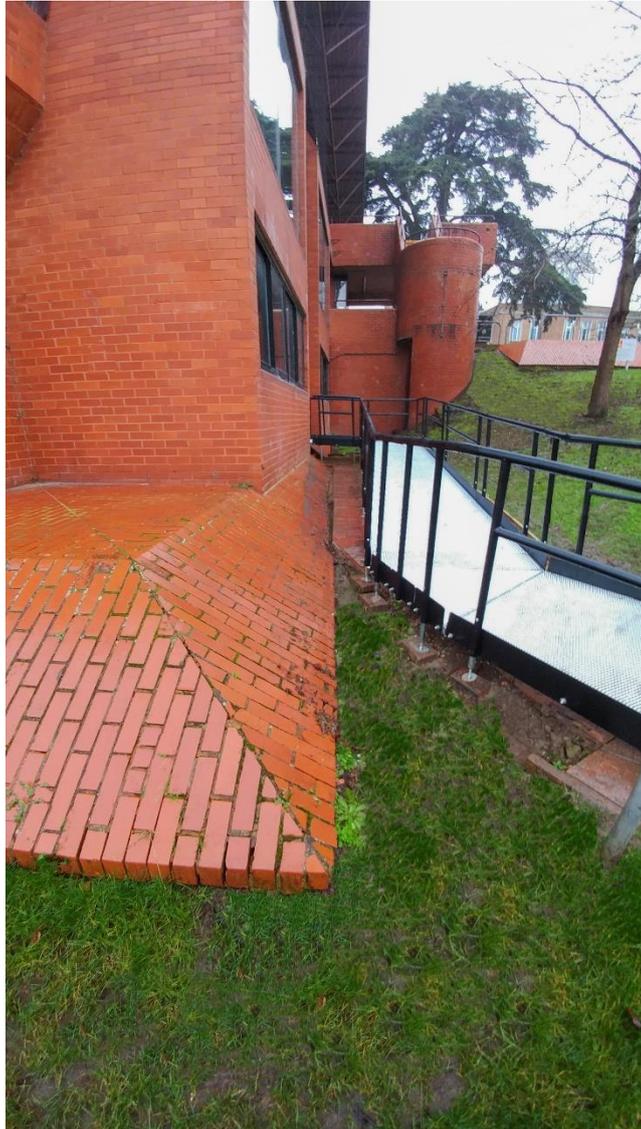


END RESULT: A steel Rapid Ramp was installed within a few hours. It included a bespoke platform that slotted around the pillar. Plus, a turning platform that sits and mimics the existing path design.

FEATURES INCLUDED:

- Mesh Platform - this self-draining mesh platform allows water to pass through rather than puddle on the surface and potentially freeze.
- Trombone Ends - these are added to the ends of a Rapid Ramp to prevent clothes catching.
- Telescopic Legs - these can be adjusted to accommodate threshold heights.
- Standard Handrail - this handrail system ensures users always have a support to hold onto.
- Standard Colour Black - ramps are powder-coated black to create a hard finish that is tougher than conventional paint.





How wide does a fire exit ramp have to be?

Our ramps can be designed to be as wide as required. However, if it needs to be DDA compliant and signed off by building control, it will require a minimum width of 1500mm and a gradient of 1:15. [>Please click for further information on the building regulations<](#)

Our [modular ramp](#) can be adapted to suit different requirements and spaces.

Different platform widths are available, including:

- 900mm
- 1000mm
- 1200mm
- 1500mm

Any of the above can be secured together to create almost any width.

Also, with a loading capacity of 1,000kgs, ramps can safely support the weight of pushchairs, wheelchairs, mobility scooters and powerchairs.

Is steel non-combustible?

Yes, unlike wooden ramps, steel is a non-combustible material that will not burn and melt at temperatures typically encountered in building fires.

Our steel wheelchair ramp is galvanised, a process where a protective coating of zinc is applied to prevent rusting. Also, all components are powder-coated to create a durable finish that is tougher than conventional paint.



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Do you require wheelchair ramps and steps?

Contact our sales team