



## CASE STUDY Lancaster Castle

**CLIENT**  
Purcell Miller Triton

**SERVICES**  
Heritage  
Laser Scanning



### The requirement

Lancaster Castle is one of the best-preserved and hardest-working Castles in the country. It is owned by Her Majesty the Queen who is the 'Duke of Lancaster'.

It is a Grade 1 Listed Building with the area to the north of it designated as a Scheduled Ancient Monument and as well as being a fortification, the Castle is still used today as both a court and a prison.

When its needed professional help to assist in its restoration project, it turned to Plowman Craven.

### The solution

Plowman Craven were asked to carry out a measured survey of the external elevations of the castle walls.

3D scanning technology was used and aligned with terrestrial photography using Hasselblad cameras.

### Conclusion

2D rectified elevations and line-work elevations were successfully delivered to the client.

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