

Previous Bat House Projects

January 2018



Drayton Basset - Completed Bat Barn
CLM poured the first concrete for HS2 on the Enabling Works North for LMJV during the construction of Drayton Basset Bat Barn.



Curdworth - Completed Bat Barn



Stoneleigh Park - Completed Bat Barn

September 2020



Hints - Completed Bat Barn



CLM are fully conversant with HS2 systems and are currently working with:

- **CEMAR** (Contract Event Management and Reporting Software) - Commercial
- **ASITE** - An online document portal, where all drawings and documents are uploaded such as RAMS, ITP and PWMS
- **AIMS** (Asset Information Management System) for MAF's, TQ's (Technical Queries) and RDC
- **Fieldview** for Permits, ITP Check Sheets and Environmental Check Sheets
- **Sustainability Tool** - Monthly reporting on materials and waste

CLM are a fully compliant HS2 work force, **which includes are own skilled operatives including, carpenters and brick layers, who have previously worked on all 4 Bat Barn projects.**

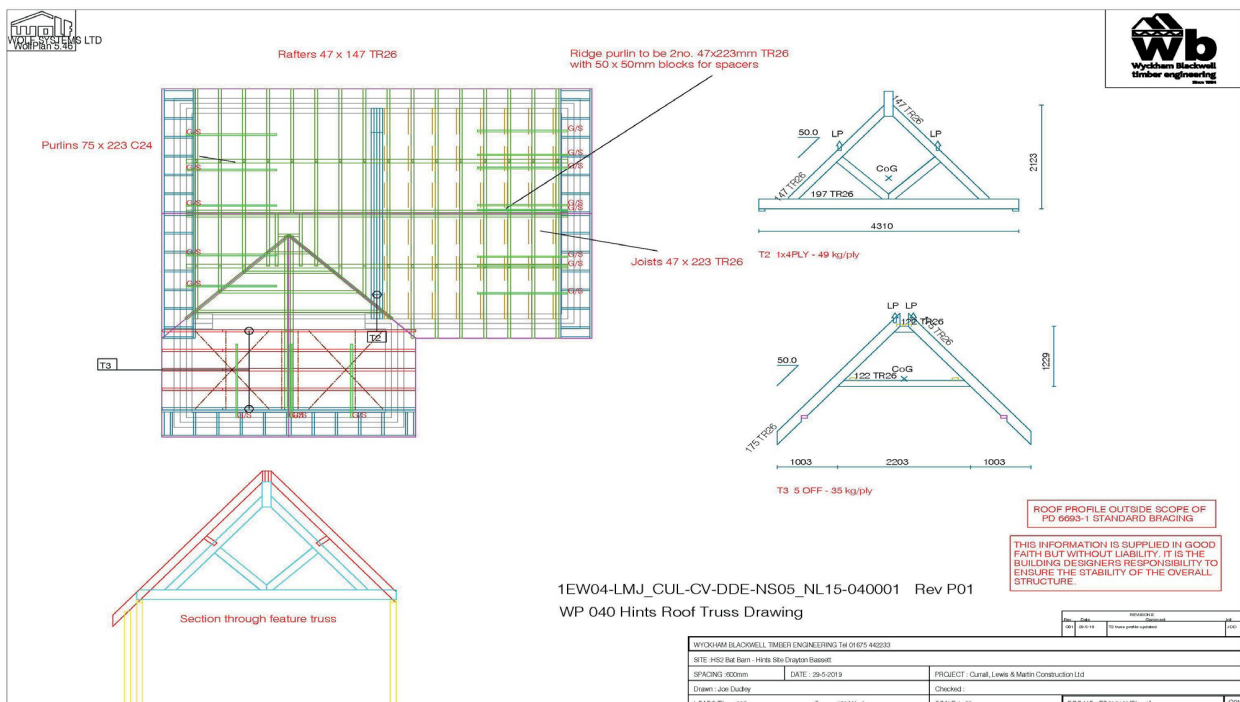
Additionally, we provided the design details for all 4 Bat Barn roofs. Please see the below drawings.



WP 40 – Hints - Enabling Works North Contract Roof Truss Drawing.

Document no.: 1EW04-LMJ_CUL-CV-DDE-NS05_NL15-040001

| Revision | Date | Author | Checked by | Approved by | Reason for revision |
|----------|------------|------------|------------------|--------------|-----------------------|
| P01 | 29/07/2019 | Joe Dudley | Peter Gutteridge | Ron Pinfield | Issued for acceptance |



1. Roof Frame - A traditional stick construction with dormer elements that are not common. Tenderer to confirm Eyebrow Dormers detail is achievable and they have skilled trades persons available to work with and construct these traditional construction methods.

After carefully reviewing the drawings, we can confirm that the Eyebrow Dormers detail is achievable. Should we be successful, we will consult with yourselves to work through the final details. We confirm that we are able to construct the Eyebrow dormers with our skilled in house trades carpenters, who have all worked on the similar previous Bat Barn projects.



Drayton Basset Timber Roof Construction



Drayton Basset Timber Roof Construction

2. Architects Masonry Details - Bulls Eye Openings and Arches. Tenderer to Confirm these details are achievable and they have skilled trades persons available to deliver these.

After reviewing the drawings, we can confirm that we are easily able to complete the outlined Bulls Eye Openings and Arches, with our highly skilled in house brick layers. They are also used to working on Heritage Structures in both brick and stone and have worked on all 4 of CLM's previous Bat Barn construction projects. Our brick layers are familiar with the inclusion of Bat bricks, baffles and purpose made voids to encourage bat roosting and habitat.



Brick Work on Drayton Basset Bat Barn

3. Engineers Steel Design - Tenderer to confirm these pose no problems and they have the working/ training relationships with steelworkers who can provide beams and ladders shown.

We confirm that the Engineers steel design poses no problems. CLM has a very strong supply chain and we use steel fabricators and erectors that are very used to working in remote and isolated places.



Installation of Steel Beam - Drayton Basset Bat Barn



Installation of Steel Beam - Hints Bat Barn

4. Logistics Considerations have been considered. Tenderer to provide examples of experience of working in remote locations.

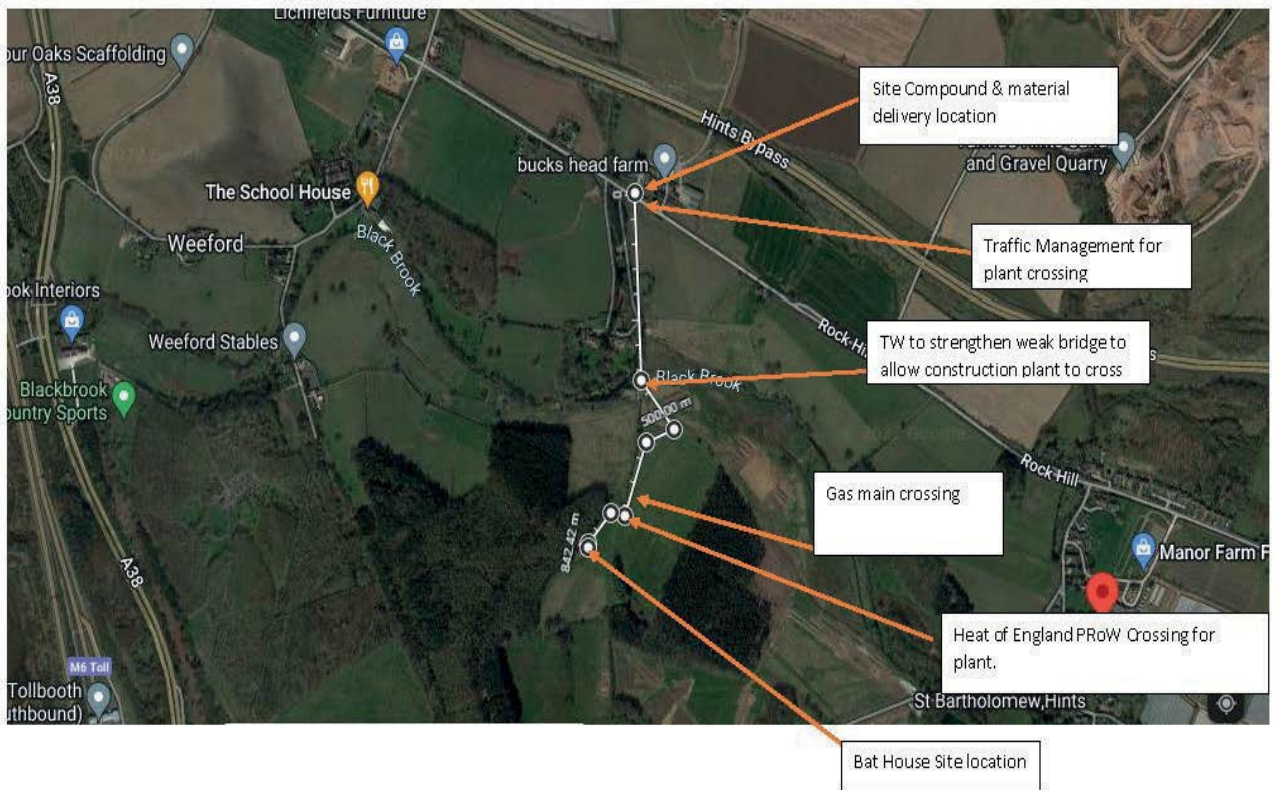
CLM have previously constructed 4 Bat Barns for HS2 and LMJV in Drayton Bassett, Curdworth, Stoneleigh Park and Hints. Some of these 4 locations were remote. We had to work out how to transport materials across soft, uneven ground whilst protecting buried surfaces such as high pressure gas mains. We used a mixture of solutions to achieve this including:

- Obtaining designs to calculate the strength of existing bridges in order to see what loads they could bare.
- Completing buried service investigations and trial holes.
- Liaising with statutory undertakers for crossings and services.
- Providing traffic management with full time attendants to provide construction access across busy A roads.
- Protecting and Safeguarding public rights of way, by including temporary fences, gates, styles and banksman to ensure public safety as they crossed the site access routes.

The Hints Bat Barn site located near the A5, was a particular challenge due to its remote location. The actual construction site was located 1km from CLM's base and traversed:

- A busy road
- Narrow lanes
- Weak bridges which required strengthening
- Ditches
- High pressure gas mains and
- Public rights of way

Due to this we had to put in a planned crossing and all the attendances on it. We also had to get welfare facilities into these remote locations.



The route Between CLM Site Compound and Hints Bat Barn Site Location posed a particular challenge

Furthermore alternative accesses to each site had to be investigated due to legal land access agreements not being available or in place in time. Meaning that access to each site had to be re-planned on several occasions.

Overall CLM have extensive experience of working in very remote locations. We know exactly how to get to and service these buildings in very awkward locations on uneven ground and slopes.

Please find attached to this email the Google Earth locations of Hints Bat Barn and Drayton Bassett Bat Barn as two examples of CLM being able to skilfully operate in remote locations.

Ecology

As with all our projects, during the construction of these 4 Bat Barns, CLM operated with great environmental care. There was a lot of joint work with ecologists in order to work out the best ways to access these very remote sites without disturbing or impacting the bats but also a variety of other native species such as: newts, badgers, barn owls and potential nesting sites.

Safety

There were no reportable instances or injuries during the construction of these 4 Bat Barns and work was completed during the challenging COVID-19 pandemic.

Performance: Safety, Quality & Programme

CLM are proud to have received glowing feedback from LMJV following the construction of the 4 Bat Barns in the categories of Safety, Quality and Programme. **CLM were ranked 1st out of 25 sub-contractors.**

LMJV Supplier Performance Feedback – February 2018

Subcontractor: Currall, Lewis & Martin

Overall Supply Chain Performance

LM JV is committed to working collaboratively with our supply chain to achieve the best possible outcome for both parties, on the HS2 EWC North Contract. Discussions about performance – of both parties – is part of this. The LM Supply Chain Forum will continue to be where we get together for open, two-way discussions based upon data gathered through surveys, questionnaires and interviews. Discussion will always be the primary tool for performance improvement.

The adjacent chart shows the overall performance statistics for LM's suppliers.

The figures are an improvement on those of the previous round of scoring, in Spring 2018.

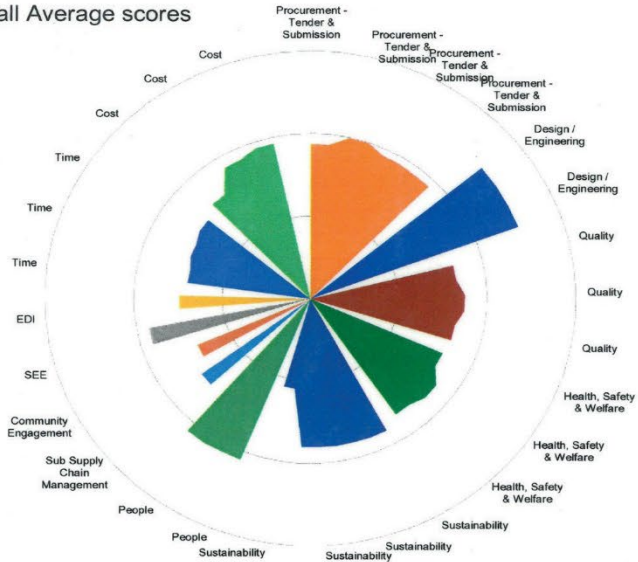
54% (up from 42%) of the scores were either 4 or 5 (out of 5). 5% (down from 8%) of the scores received were either 1 or 2 out of 5.

We believe that we can collectively achieve an improvement on these scores, by discussing the issues (both parties) that come from feedback discussions and from day to day operations.

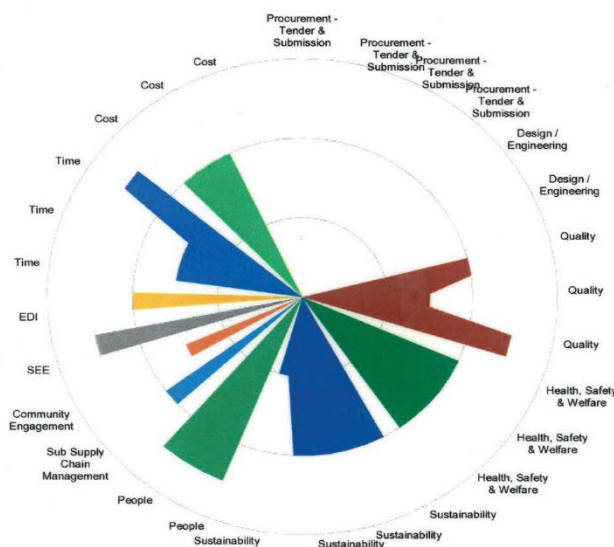
We include below some specific data in relation to your company's performance for the six month period to November 2018.

This is for information only and to help us jointly reinforce what we are good at, and challenge what is causing us to under-achieve in.

Overall Average scores



Currall, Lewis & Martin - WP40



Comments from Scoring Process

- Fantastic company with vast experience in many areas. Performed to a high standard.
- Always willing to find innovative ideas & solutions
- MTrc hub day attendance is excellent
- From H&S point of view they excelled in work methods, legal governance & welfare
- Always helpful; represent LM very well & personnel are respectful to homeowners.
- Would gladly recommend for future works
- Continually demonstrate their commitment

Overall Currall, Lewis & Martin ranked 1st out of 25 sub-contractors
Your average was 3.95 out of 5
Scores from WP40

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Delete Archive Move Reply Reply All Forward Mark Unread Find Search Read Aloud Immersive Reader Zoom

Hints Bat House

TS Tudor, Stuart <studor@lm-jv.com> Tue 19/01/2021 12:52

To: Dodds, Steve; Connelly, Darren; Matthew Barnes
Cc: Hatchett, Emma; Treacy, Jason; Heames, Carl; Eardley, Harriet; Knight, Michael; Hinds, Stephen; McCreadie, Nick; Patel, Jasmine; Purewal, Declan; Rodriguez, Oscar; Tite, Stuart; Randles, Keir; Perry, Bekie; Riley, Rachael; De Souza, Jeremy; Barrie Cooper; Brad Gutteridge; Cojocaru, Andreea; Price, Matthew

Follow up. Start by 19 April 2022. Due by 19 April 2022.
You forwarded this message on 20/04/2021 12:27.



Following a site visit last week. (before I went into Isolation). I took some photos of the finished bat house at Hints. (and a couple from within during construction)

This was in a very challenging location for quite a few reasons, and CLM done a fantastic job in getting this finished before the end of last year. (Sept/Oct)
We now have Thomsons on site for WP42/40 to continue with the Mitigation construction following the 'ancient woodland' translocation in the fields to the south.

Anyhow, please see the completed Bat House photos. Some of you will have seen the 'progress photo's' during and been on visits yourself during.

Regards

Stuart

Stuart Tudor
Project Engineer



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Social Value

During this project, CLM actively assisted LMJV with social value projects. Introducing both students and undergraduates to the world of construction and Civil Engineering. Our initiatives included:

- Initiatives with school children who undertook activities such as learning to lay bricks.
- Visits from university students interested in the HS2 project and ecological mitigation.



University Students Visiting Drayton Bat House

References

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