

Method Statement for lifting and movement of Booths caravan/mobile home

The caravan proposed at 35 Mayfield Street has a total weight of less than 4 tonnes. It is constructed with a box section steel chassis and with steel side and roof panels bolted together to form a whole.

The statement of evidence accompanying the lawful development certificate application includes photographs showing the initial installation of the same model caravan structure in two halves. The halves may be craned into place whilst held in an adjustable steel cradle which is assembled on site to fit the specific dimensions of the caravan part. The adjustable cradle and the method of fixing with steel beams passing beneath the floor of the structure and around the sides of the structure is clearly visible attached to the right-hand half ready for lifting in the photograph below.



The steel cradle is adjusted to fit the structure as shown in the photograph above making it ready for lifting, or it may be rolled on wheels across the surface.

Once the structure is complete, if it is necessary to move the assembled structure then the same cradle components, are adjusted to fit the specific dimensions of the caravan, to encase the whole structure in a similar manner as shown in the photograph above. It can then be lifted by crane onto a lorry or trailer.

Extracts from the company training video instruction guide for its in-house installation teams showing how a similar structure is moved are shown below. The same principles apply for the company's range of both smaller and larger caravans/mobile homes.



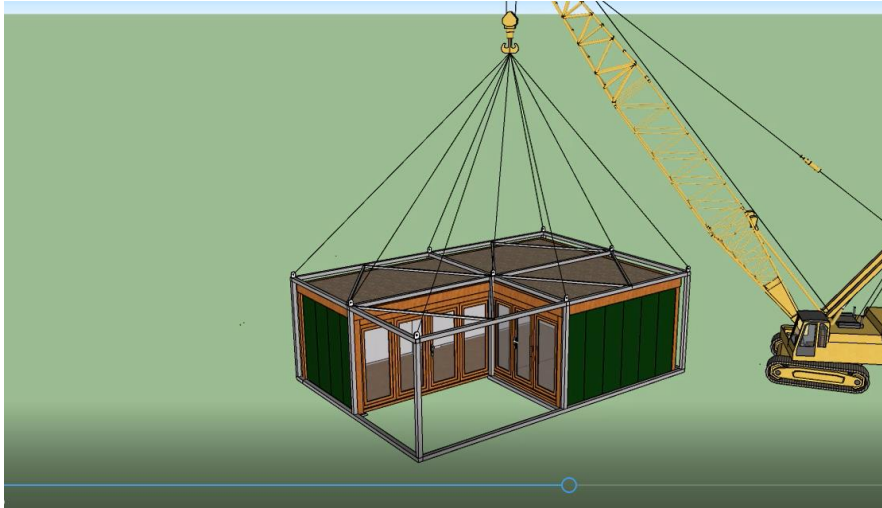
Steel cradle sections formed around edges and beneath structure.



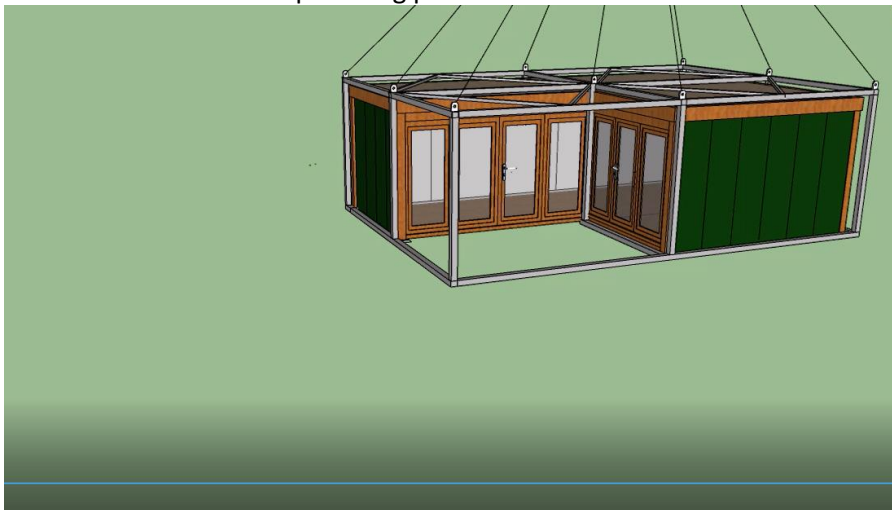
Vertical sections fitted at key points around structure with lifting points visible.



Vertical sections connected above roof by steel cross-sections to retain cradle rigidity.



Cables attached to multiple lifting points.



Cradle with structure securely held in place lifted and moved with mobile crane

The Booths caravans vary in size but even the larger caravans typically have an assembled empty weight of less than 4 tonnes, which is comfortably within the lifting capabilities of mobile and lorry mounted cranes making it possible to lift the entire structure, move it around a site and place on a flat-bed lorry if necessary.

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