



STRUCTURAL SURVEY OF TEMPORARY METAL CABIN BUILDING (ANSON CABIN)

On the site of

38 Meldon Road,

Longsight,

Manchester,

M13 0TR

Date of Survey : 2nd September 2021

Surveyor: John Sweeney BSc (Hons) C.S.R.T.

Client :

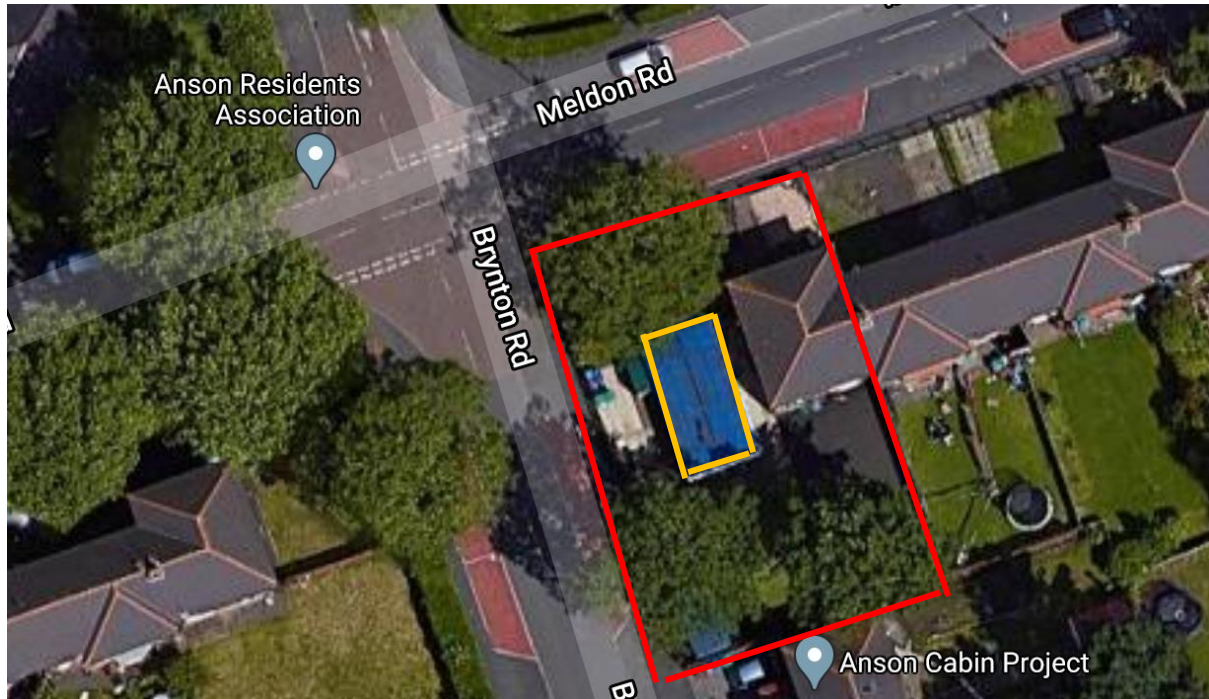
One Manchester

Date of Report : 14th September 2021.

Structural survey of temporary metal cabin (Anson Cabin) structure at 38 Meldon Road.

The survey was carried out on a dry bright day on 2nd September 2021

The subject structure is sited in the grounds of 38 Meldon Road ,Longsight,Manchester M13 0TR. area highlighted with a red boundary in the aerial photograph below. The structure is shown highlighted in an orange box.



Ariel photograph highlighting metal single storey structure (boxed in orange) in the grounds of No. 38 Meldon Road (red boundary)

Description of Structure

The subject structure comprises of 2 adapted metal shipping container units joined together on their longest open sides to form one single storey unit measuring 4900mm x 7930mm x 2510mm high.

It is used as a day nursery for young children and called the Anson Cabin Project with up to 12 places available.

The structure is founded on a concrete hardstanding.

It has 3 windows and an entrance door on the east elevation opposite the side of 38 Meldon Road, 2 windows on the South elevation, 2 windows and an exit door on the West elevation parallel to Brynton Road and no doors or windows on the North elevation where drainage exits the building

The whole structure is constructed of metal profile sheeting and metal box sections welded together. The internal walls and ceiling surfaces are lined to take decoration.

The external walls and roof are finished in a blue gloss paint with the two elevations facing Meldon Road and Brynton Road over graffitied in a bright fun theme. See Appendix 1 photographs 1,2,3,4, attached below.

Hammer test and visual survey of structure

All the accessible external surfaces were hammer tested to assess soundness and structural stability.

Walls –All external wall surfaces were sound and solid but exhibited a little surface rust to areas adjacent to the ground

Roof- The roof was also in a sound and solid condition.

The area on the roof where the structure is joined appears to collect debris

The West elevation has a raised paved area adjacent to the entrance,

Internal- all surfaces were in reasonable condition and the floor was firm and sound underfoot

Conclusions and recommendations

The Cabin is in a sound structural condition and founded on a firm concrete hardstanding base.

It would benefit from a repainting scheme to arrest any further deeper rusting of the structure.

A cyclical programme should be put in place to keep the central roof joining channel and the ground level channel free of debris-Suggest this is carried out every 6 months.

The structure should be re-inspected yearly to detect an early signs of corrosion. Next survey due 2nd September 2022.

John Sweeney

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1/10/2021

APPENDIX 1- PHOTOGRAPHS



Photograph 1&2- Part *South/East* elevation.



Photograph 3 -West side elevation -showing the colourfully painted structure taken from Bryton Road



Photograph 4 -North elevation



Photograph 5-38 Meldon Road front elevation



Photograph 6- Anson Cabin painted metal structure adjacent to 38 Meldon Road



Photograph 7- internal