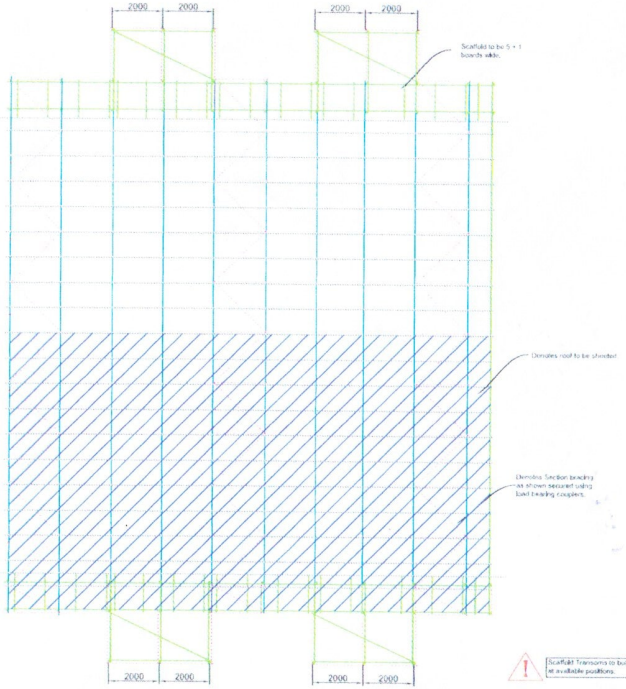
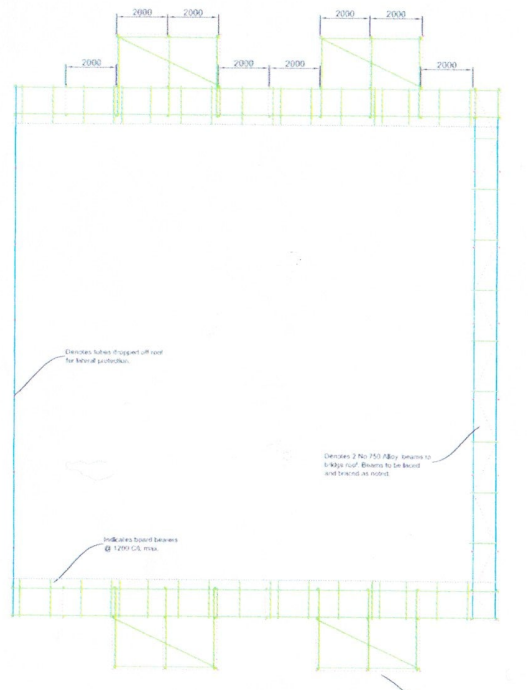


Plan View
At roof level

Scaffold to be moor-fixed to manufacturer's instruction.

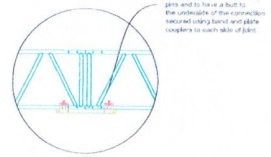
Bridged 780 DT8 Type DE-SSA Alloy Beams; Laced at 1000mm c/c to TOP chord. Laced at 2000mm c/c to BOTTOM chord. Plan braced at 1000mm c/c to posts UPPER half. Section braced at 2000mm c/c. All connections secured using 90° couplers or DE-SSA Components.

Scaffold Transoms to butt walls at available positions.

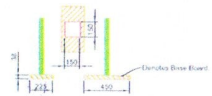


Plan View
below roof

Drawing Status:
Approval Drawing



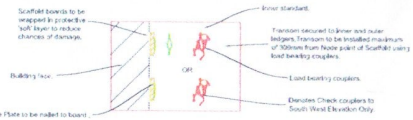
Connection Beam Detail



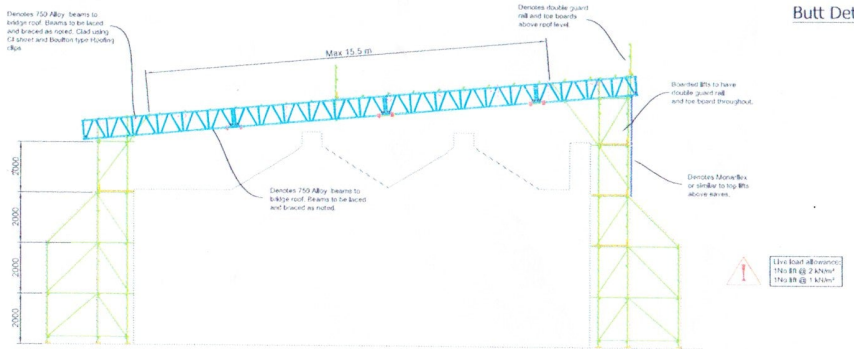
Bearing Pad Detail
Denotes 225 x 450 min Base Board.

Access to scaffold to be by external ladder secured to sailed out and exposed hand/ all ladder gates to be installed as per manufacturer's specification and ladders to protrude at least 1.5m beside desired bay. Stepping distance not to exceed 300mm. Access to be available every 60 linear meters.

Access to scaffold to be by internal ladder, ladder hatches to be installed as per manufacturer's specification and ladders to protrude at least 1.5m into desired bay. Access to be available every 60 linear meters.

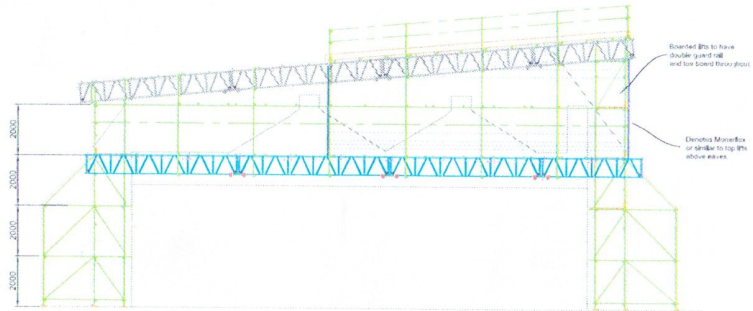


Butt Detail



Typical Section

Live load allowance:
1No lift @ 2 kN/m²
1No lift @ 1 kN/m²



Side Elevation

General notes:

Property
This drawing remains the property of Reactive Design Ltd. No unauthorised use, copy or disclosure may be made without written permission from Reactive Design Ltd.

Basis of design
This drawing has been prepared from the information supplied to us by, or on behalf of the contractor, who should check that the requirements have been correctly interpreted and that loading, dimensions, lift heights, bay sizes and erection sequences etc, are as required and practicable.

This drawing has been prepared in accordance with the following:

BS EN 12811-1 & BS EN 12811- 2
Working at Height Regulations 2005
BS EN 1991-1-4:2005+A1:2010
BS EN 1991-1-3:2003

Reference has been made to the following Documentation

BS: 5975: 2008
BS: 5973: 1993
NASC Document *TG20:13*

All scaffold materials forming this structure are to comply with *BS EN 12811-1 & BS: 5973:1993*. All propietary equipment must be used in accordance with the manufacturers information.

Design loads
This scaffold has been designed for the following:
1 no lift @ 2 kN/m²
1 no lift @ 1 kN/m²

Total number of boarded lifts are as shown.

Working platforms
All working platforms must comply with the statutory regulations at all times.

Foundations/supports
The contractor must prepare all foundations and ensure that they are capable of taking the imposed scaffold loads without undue deflection.
Where equipment is supported or suspended from an existing structure the contractor must ensure that the existing structure is adequate to safely support the imposed scaffold loads.
Maximum Leg Load = 12.55 kN

Shoring work
Reactive Design Ltd cannot and will not pass comment on the building being shored.
It is the contractors responsibility to ensure that the existing structure will safely span between our supports and can be safely shored in the way indicated.

Sheeting/fans
No additional wind protection, sheeting or fans etc, to be added to the scaffold structure unless otherwise stated on this drawing.

Modifications
No major alterations are to be made to the scaffold detailed in this drawing without written permission to Reactive Design Ltd.

Dimensions
All Dimensions are in Millimeters.
Written dimensions will take precedence over scaled dimensions. Contractor should note all site dimensions and notify Reactive Design Ltd of any discrepancies. The contractor is responsible for accurately setting the position of the scaffold structure.

CDM
This drawing constitutes the design risk assessment in accordance with regulation 8,9 & 11 of the current CDM regulations 2015. Good practice is to be used in the elimination of general risk in the use of temporary works. For guidance please see the relevant codes as provided in HSE publications.

Reactive Design Ltd

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Email: enquiry@reactivedesignltd.co.uk

Client:
Barton Scaffolding Ltd.

Drawing Title:
Kenwith Castle.

Job Description:
Temporary Roof.

Scale:	Drawing Number:	Drawn:	Date:	Rev:
1:100	16/REACT/04/745	LH Checked: LS	29/04/16	A