

MAX LOAD ON PLATFORM =10KN/M² +20%IMPACT=12KN/M²
 SW OF BOARDS =0.25KN/M²
 TOTAL LOAD AT THE LOADED LEVEL=12.25KN/M²

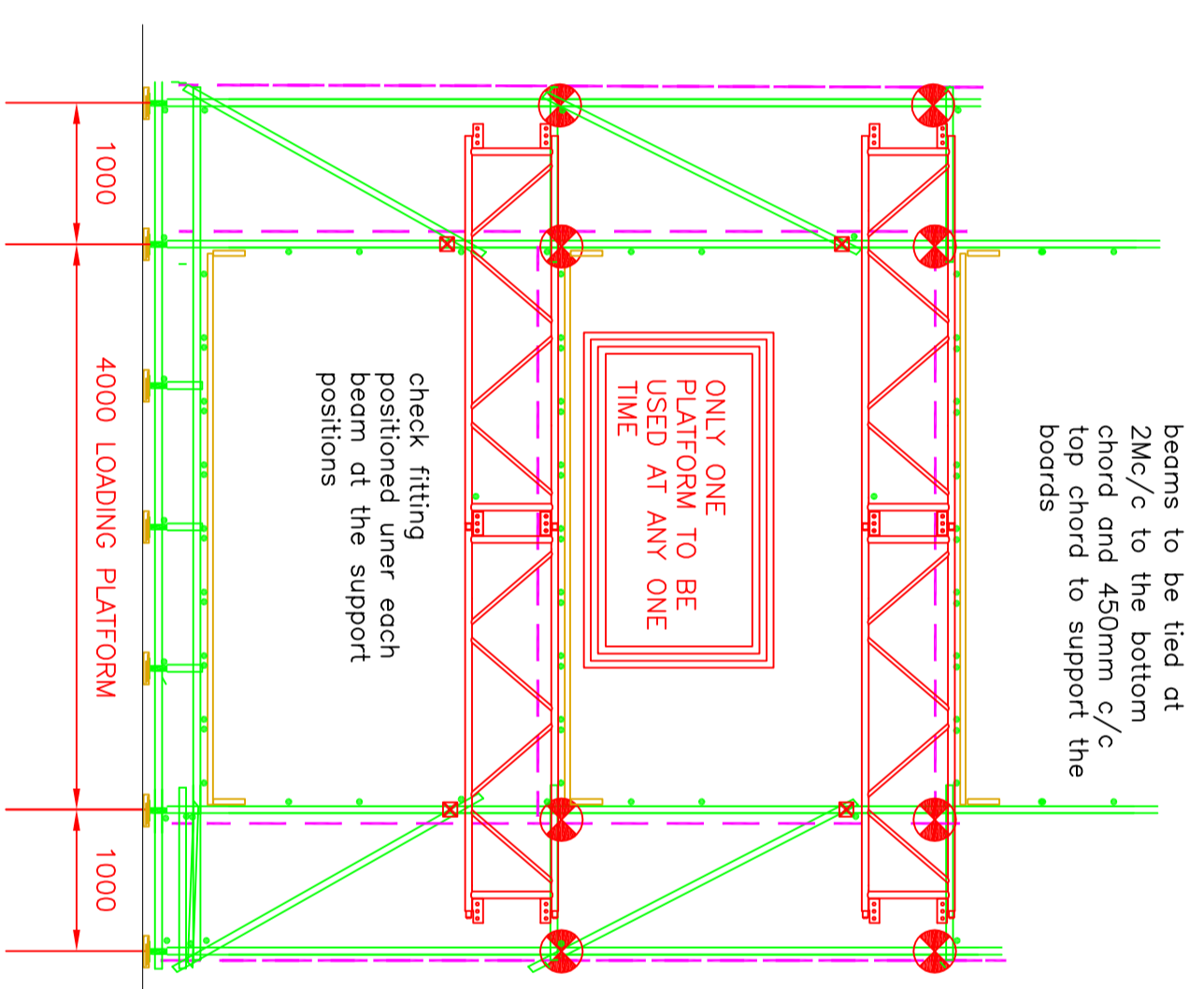
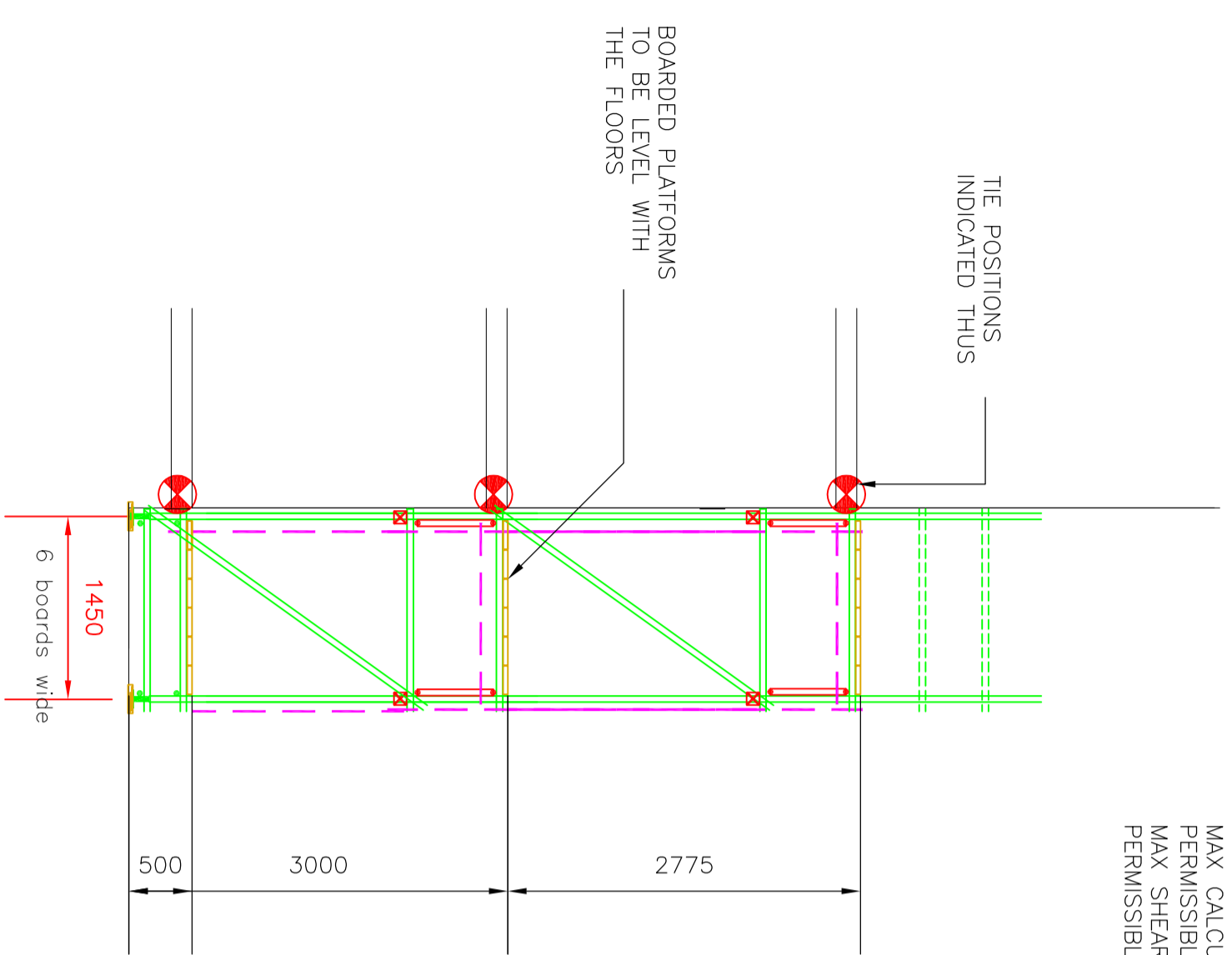
MAX SPAN OF TRANSOMS =1.875M
 MAX CALCULATED BM WITH TRANSOMS @0.45M C/C AS STATED IN T620
 =12.25KN/M² X 0.45M X 1.45 X1.45 /8=1.44KNM
 PERMISSIBLE =0.99KNM THEREFORE TWIN BOARD BEARERS TO BE USED
 PERMISSIBLE BM=1.08KNM THEREFORE OK

MAX LOAD ON BEAM =12.25KN/M² X 0.725M =8.88KN

MAX CALCULATED BM=8.88 X 4 X 4/8=19.6KNM
 PERMISSIBLE BM IN UNIT BEAM =27.7KNM THEREFORE OK
 MAX SHEAR LOAD =8.88 X 0.725 X4/2=12.87
 PERMISSIBLE =18KN

PLATFORM DESIGN LOAD 10.0 KN/M²

WORKING DRAWING



- The drawing is copyrighted and it and the copyright therein are the property of Moushouse design services
- Notwithstanding to conditions that:-
- 1) The drawing is for the use of the client under a contract with Moushouse design services Ltd relating to the job in connection with which the drawing was issued.
 - 2) Components manufactured in accordance with the drawing must not be used for any purpose other than that for which the drawing was supplied.
 - 3) It must not be copied or exhibited without written permission of Moushouse design services Ltd.
- GENERAL NOTES
2. This is a working drawing and it is for construction purposes. No deviation is permitted without approval from Moushouse design services Ltd.
 3. Client must ensure that the permanent structure is of adequate strength to resist the forces imposed by this temporary structure.
 4. The client is to provide adequate foundations to support the loads imposed by this temporary structure which are shown in drawings or specifications.

Rev	Date	Description	Checked	Drawn

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Client DAB SCAFFOLDING LTD

Site MILLFIELDS,NANTWICH

Drawing Title BRIDGED FLOOR LEVEL LOADING PLATFORM TO CORE

Scale 1:50@A2 Date 02/05/07 Drawing Number 07/MSD/565/3

Drawn D Carden