

LOADING

VERTICAL LOADS TO PROPPING SCAFFOLD
 SELF WEIGHT OF SLAB = 6.72kN/m²
 LIVE LOAD ON SLAB = 1.5kN/m²
 THEREFORE TOTAL LOAD ALLOWED FOR PER FLOOR LEVEL = 8.22kN/m²

NO ADDITIONAL VERTICAL OR ANY HORIZONTAL LOADS HAVE BEEN ACCOUNTED FOR ON THIS SCAFFOLD!

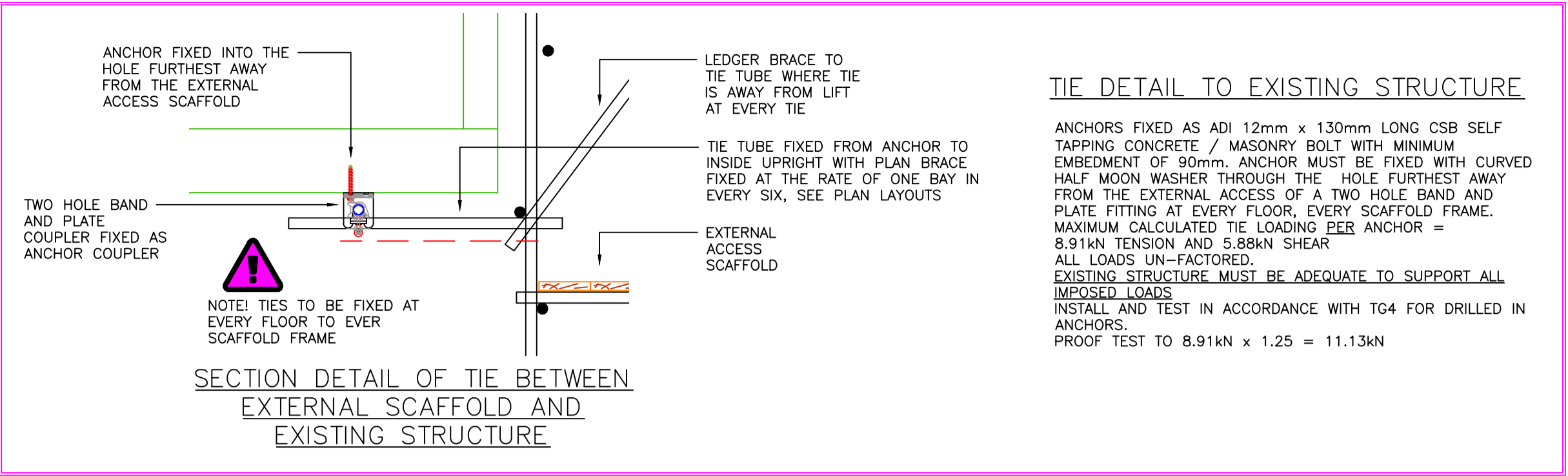
EXTERNAL ACCESS
 LIVE LOADING ALLOWED FOR AT 2.0kN/m² TO WORKING LEVEL PLUS SECOND LEVEL AT 0.75kN/m². ONE ADDITIONAL LEVEL OF PROTECTION LOAD IS ALLOWED FOR AT 0.75kN/m²

ALL LOADS MUST BE CHECKED TO ENSURE THEY ARE ADEQUATE AND NOT EXCEEDED.

EXTERNAL ACCESS

IF THE EXTERNAL ACCESS IS IN PLACE WHILST THE EXISTING STRUCTURE IS BEING DEMOLISHED IT MUST BE DEMANTLED WITH THE PROGRESS OF DEMOLITION.

THE ACCESS SCAFFOLD MUST BE TIED AT THE TOP LIFT AT ALL TIMES AS SHOWN



GENERAL NOTES

- PROPERTY**
This drawing is confidential and the exclusive property of Rolton Group
No unauthorised use, copy or disclosure is to be made, and it is to be returned on request.
- BASIS OF DESIGN**
This drawing has been prepared from information supplied to us by, or on behalf of the Contractor, who should check that we have correctly interpreted his requirements and that all loadings, dimensions, details etc. are as required and practicable. The following drawings obtained on loan have been used to prepare this scheme: E1124 Ground to top floor
- ASSUMPTIONS**
All assumptions affecting the use of the equipment shown in this design will be noted on this drawing
- LOADING ALLOWED FOR**
The structure detailed on this drawing has been designed to support the following loads
Live loads: see loading note drawing 5

Maximum number of boarded lifts: 8 in external access
 The contractor is responsible for ensuring that the loads allowed for are adequate and not exceeded

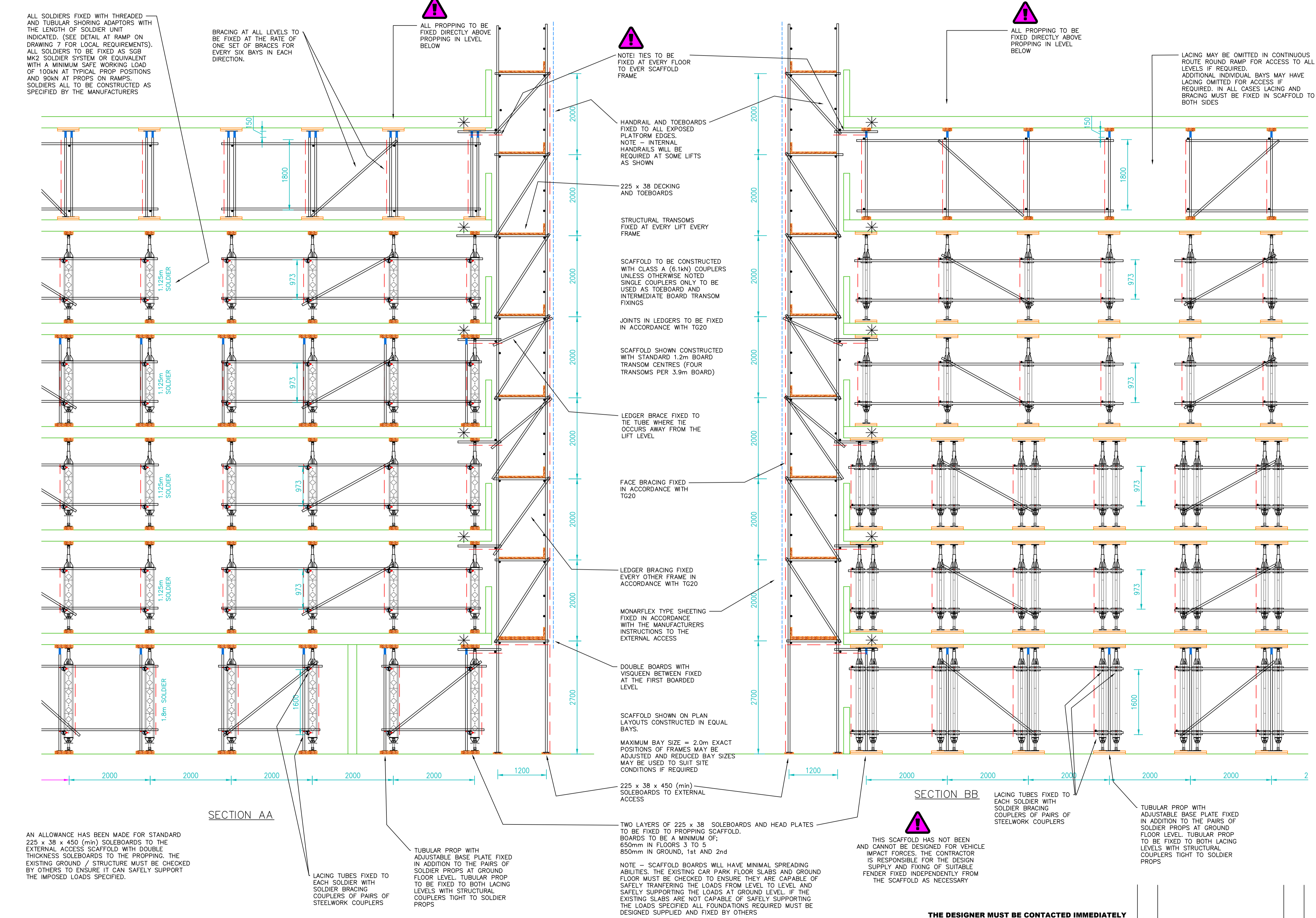
Wind Loads
Where applicable wind loads will be calculated in accordance with BS EN 1991-1-4:2005
 Max design wind pressure q = 0.598kN/m²

Snow Loads
Where applicable snow loads will be calculated in accordance with BS EN 1991-1-3:2003
 Max design snow load = 0kN/m²

SHORING LOADS
Where applicable shoring loads will be clearly marked in a specific note on this drawing.
 The contractor is responsible for ensuring that the loads specified are adequate and not exceeded and that the existing building / structure being shored can safely span between the support points indicated

CONTRACTORS RESPONSIBILITY
 YOU WILL APPRECIATE THAT WE ARE UNABLE TO TAKE RESPONSIBILITY FOR COLLAPSE OR DAMAGE TO THE PREMISES OR ONE WAY OR OTHER ON THE ACTUAL CONDITION OF THE STRUCTURE BEING SHORED AS THIS INVOLVES MATTERS BEYOND OUR KNOWLEDGE. WE WILL HOWEVER GUARANTEE THIS DESIGN TO BE SUPPORTIVE TO SUPPORT THE LOADS SPECIFIED IN THE LOADING NOTE AND / OR CALCULATIONS. YOU WILL BE RESPONSIBLE FOR ENSURING THAT THE LOADING ALLOWED FOR IS SUPPORTIVE.

- FOUNDATIONS / SUPPORT TO SCAFFOLD**
The contractor is responsible for ensuring that the existing ground / structure supporting the scaffold can safely support the imposed loads. If clarification is required of the imposed loads the contractor should contact Davenport Scaffold Designs prior to the start of work.
 This design allows only for the provision of the base system shown (ie timber soleboards etc) should this not be sufficient for the ground conditions prevailing there may be a charge extra over for the costs involved in providing any other method.
 MAXIMUM CALCULATED USE LOAD: ... 13kN to external access and 20kN to any prop position (prop position refers to vertical line of props with single, double or cluster of 3 in each position)
- PERMITS AND PERMISSIONS**
The contractor is responsible for obtaining all necessary permits and permissions prior to erection
- MODIFICATION**
No alteration is to be made to the structure detailed on this drawing without the written permission of Davenport Scaffold Designs Ltd
- TIE AND BRACING**
The Contractor is responsible for ensuring that the existing building / structure can safely support the tie loads applied to it by the scaffold and its working loads.
 No tie or braces are to be removed without the written authority of Davenport Scaffold Designs Ltd
- DIMENSIONS**
Written dimensions shall take precedence over scaled dimensions. Unless otherwise noted all dimensions are given in mm. Dimensions of lift heights, bay sizes etc specified must not be exceeded.



DSD
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DESIGN BASED RESIDUAL HAZARD

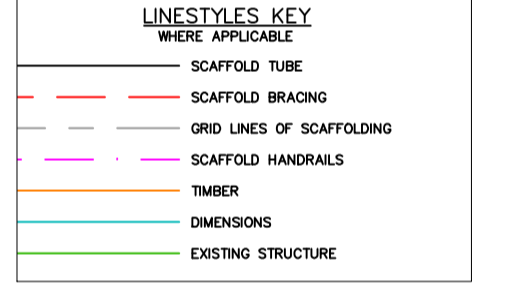
Design Based Hazards actively eliminated where possible in the Design process. Where Hazards cannot be eliminated, this symbol on the drawings with an attached note means:

- Design Based Hazards Exist within this proposal
- Action is required by the person supervising the work to manage the design Hazards during construction

If identification is required of the identified hazards the person supervising the construction should contact Davenport Scaffold Designs prior to the start of work

CURRENT VERSIONS OF SG4, TG20 AND BRITISH STANDARDS MUST BE USED IN CONJUNCTION WITH THIS DESIGN

SUITABLE TEMPORARY DECKING AND GUARDRAILS TO BE ERECTED DURING CONSTRUCTION OF SCAFFOLD TO COMPLY WITH SG4 PROCEDURE



THIS DRAWING MUST BE READ IN CONJUNCTION WITH DSD DRAWING NUMBERS 19-1529-1, 19-1529-2, 19-1529-3, 19-1529-4, 19-1529-5, 19-1529-6 AND 19-1529-7

PRELIMINARY

THIS IS NOT A WORKING DRAWING

Rolton Group

The Charles Parker Building, Midland Rd, Higham Ferrers, Northants. NN10 8DN

SECTIONS AND DETAILS

VERTICAL SUPPORT TO MAX LOADS SPECIFIED AND EXTERNAL ACCESS FOR USE AT MARKET CAR PARK PETERBOROUGH

Scale (A1):	1:100
Prep By:	SMC
Date:	23.9.19
Rev:	
Drawn By:	
Date:	
Scale (A1):	1:100
DSD 19-1529-5	

THE DESIGNER MUST BE CONTACTED IMMEDIATELY FOR CLARIFICATION IF REQUIRED. DO NOT TAKE RISK! IF IN DOUBT ASK!

REV.	AMENDMENTS	BY	CHKD	DATE