

CURRENT VERSIONS OF SG4, T620 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 CURRENT SG4 PROCEDURE

STRUCTURAL TRANSOMS FIXED AT EVERY LIFT EVERY FRAME

ALL DOUBLE COUPLERS TO BE CLASS B (9.1kN SWL)

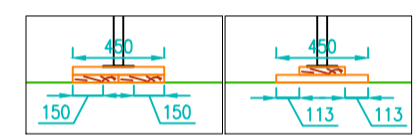
SINGLE COUPLERS MAY BE USED BUT ONLY AS TOEBOARD AND INTERMEDIATE BOARD TRANSOM FIXINGS

JOINTS IN LEDGERS TO BE FIXED IN ACCORDANCE WITH T620

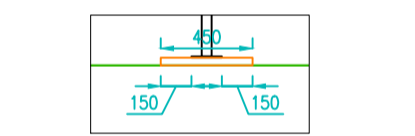
SCAFFOLD SHOWN CONSTRUCTED WITH STANDARD 1.2m BOARD TRANSOM CENTRES (FOUR TRANSOMS PER 3.9m BOARD)

! THIS SCAFFOLD HAS NOT BEEN AND CANNOT BE DESIGNED FOR VEHICLE IMPACT FORCES. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, SUPPLY AND FIXING OF SUITABLE FENDER FIXING INDEPENDENTLY FROM THE SCAFFOLD AS NECESSARY

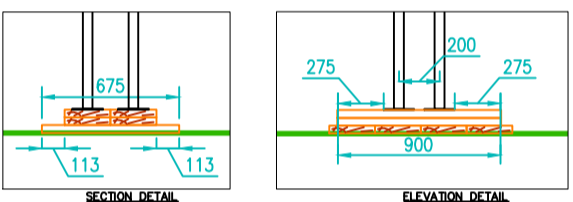
! CONTRACTOR RESPONSIBLE FOR ALL TRAFFIC MANAGEMENT, SECURITY INCLUDING PROTECTIVE BARRIERS, HOARDING, WARNING SIGNS, SITE LIGHTING, EARTHING AND LIGHTNING PROTECTION AS AND WHEN REQUIRED



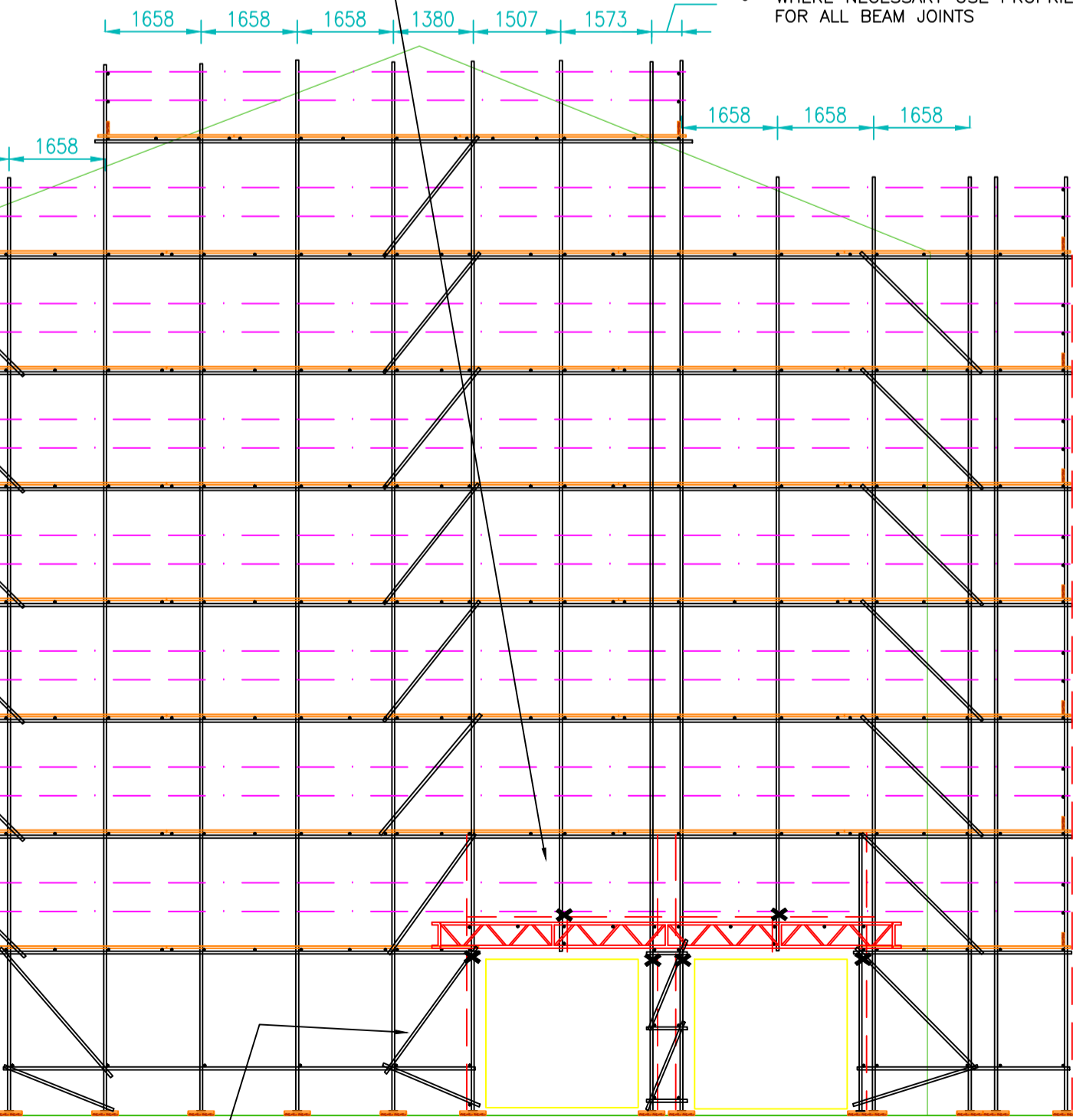
SOLEBOARDS FOR ALL TYPICAL ACCESS UPRIGHTS AND LAYER BEAM SUPPORT UPRIGHTS
225 x 38 x 450 (min)
SOLEBOARD ON TWO 225 x 38 x 450 (min) SOLEBOARDS ARRANGED AS SHOWN



SOLEBOARDS FOR ALL ACCESS CONSTRUCTED ON PODIUM SLAB AND ASSOCIATED BACK PROPPING SCAFFOLD
225 x 38 x 450 (min) SOLEBOARDS

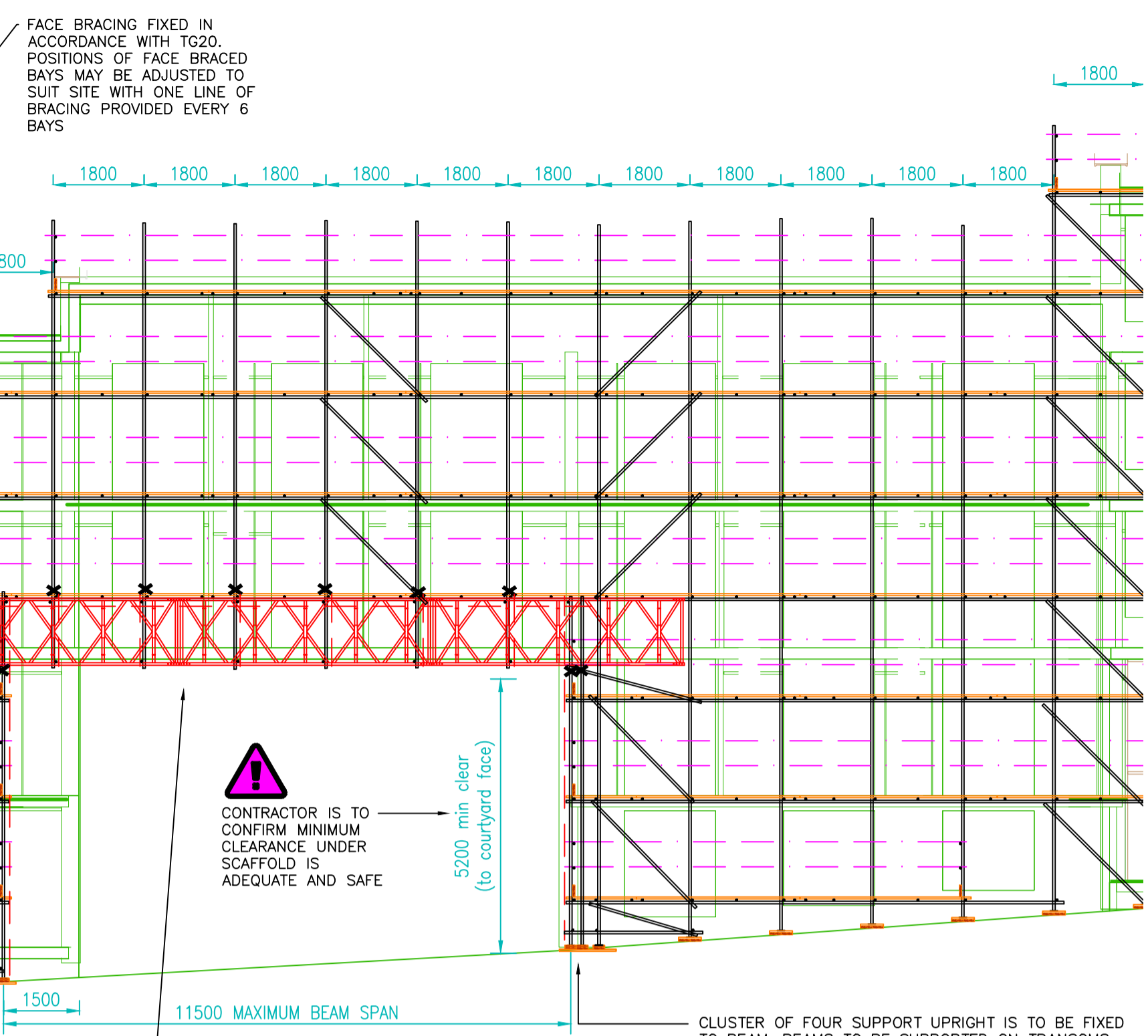


SOLEBOARDS FOR ASTERIX BEAM SUPPORT UPRIGHTS
TWO POSITIONS OF TWO LAYERS OF 225 x 38 x 800 (min) SOLEBOARD ON FOUR 225 x 38 x 675 (min) SOLEBOARDS ARRANGED AS SHOWN

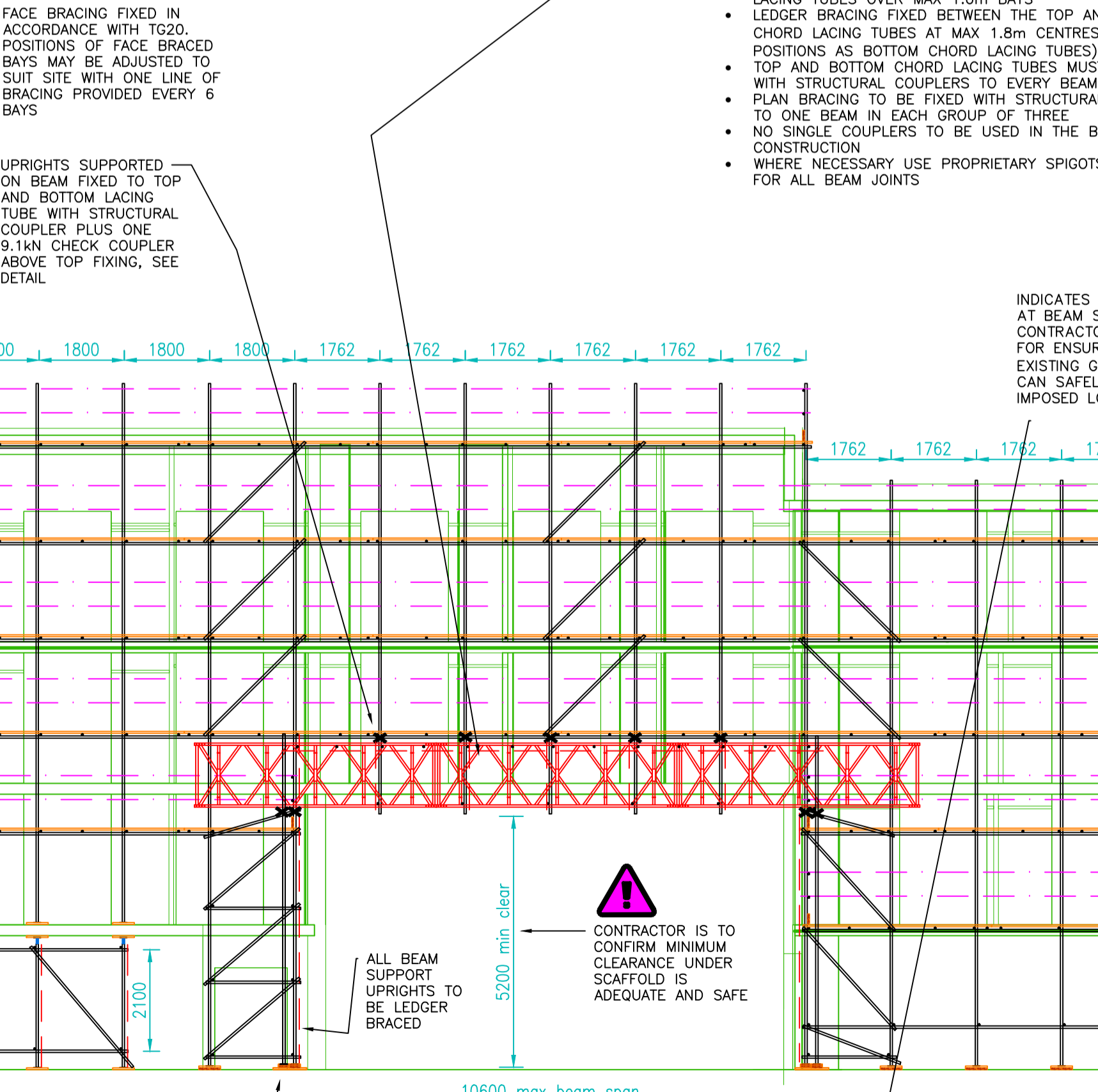


ELEVATION DD
FACE BRACING TO BE FIXED TO THE INSIDE AND OUTSIDE LINES OF ALL BEAM SUPPORT UPRIGHTS

! BACK PROPPING TO BE FIXED IN VOID UNDER PODIUM SLAB TO ALL ACCESS UPRIGHTS. BACK PROPPING TO BE FIXED WITH ADJUSTABLE BASE PLATE AND 225 x 38 x 450mm (MIN) LONG SCAFFOLD BOARD IN EACH UPRIGHT WOUND TIGHT TO CONCRETE SLAB. LEDGER BRACING TO BE FIXED EVERY FRAME AND FACE BRACING IS TO BE FIXED TO BOTH UPRIGHT LINES AT THE RATE OF ONE BRACE TO EVERY SIX BAYS OF SCAFFOLD. BACK PROPPING UPRIGHTS MUST BE FIXED DIRECTLY IN LINE WITH THE ACCESS SCAFFOLD UPRIGHTS ABOVE THE PODIUM SLAB.



ELEVATION CC
INDICATES MAXIMUM REACTIONS AT BEAM SUPPORT CLUSTER THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE EXISTING GROUND / STRUCTURE CAN SAFELY SUPPORT THE IMPOSED LOADS



PART ELEVATION EE
UPRIGHTS SUPPORTED ON BEAM FIXED TO TOP AND BOTTOM LACING TUBE WITH STRUCTURAL COUPLER PLUS ONE 9.1kN CHECK COUPLER ABOVE TOP FIXING, SEE DETAIL

! CLUSTER OF FOUR SUPPORT UPRIGHT IS TO BE FIXED TO BEAM, ONE OF THE UPRIGHTS MAY CONTINUE UP AS A FULL HEIGHT ACCESS UPRIGHT IF NECESSARY. BEAMS TO BE SUPPORTED ON TRANSOMS FIXED TO EACH UPRIGHT WITH 9.1kN (CLASS B) COUPLER PLUS ONE 9.1kN CHECK COUPLER FIXED TIGHT UNDER BOTTOM FIXING.

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

| REV. | AMENDMENTS | BY | CHKD | DATE |
|------|---|-----|------|---------|
| D | CORRECTIONS MADE IN LINE WITH CHECKERS COMMENTS | SMC | | 11.8.22 |
| C | DRG 22 REVISED | SMC | | 29.6.22 |
| B | BACK PROPPING TO PODIUM ADDED | SMC | | 8.6.22 |
| A | PODIUM SCAFFOLD EXTENDED | SMC | | 25.5.22 |

GENERAL NOTES

- PROPERTY**
This drawing is confidential and the exclusive property of UK Access Solutions Ltd. 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: _____
- 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: One working level at 2.0kN/m² with 0.75kN/m² to inside board plus second level at 0.75kN/m²
Maximum number of boarded lifts: 8
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 = 0.709kN/m²
Snow Loads
Where applicable snow loads will be calculated in accordance with BS EN 1991-1-3:2003
Max design snow load = _____ kN/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 support the imposed loads.
- CONTRACTORS RESPONSIBILITY**
YOU WILL APPRECIATE THAT WE ARE UNABLE TO TAKE RESPONSIBILITY FOR COLLAPSE OF OR DAMAGE TO THE PREMISES OR ONE WAY OR THE OTHER ON THE ACTUAL CONDITION OF THE STRUCTURE BEING SHORED AS THIS INVOLVES MATTERS BEYOND OUR KNOWLEDGE. WE WILL HOWEVER GUARANTEE THE DESIGN TO BE SUPPORTIVE TO SUPPORT 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 LEG LOAD = _____ 40kN
- 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.
- TYPING 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 ties 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.



205 Pineapple Road, Stirchley, Birmingham B30 2SY
Tel 0121 444 1063 Mobile 0757 2427819
email scrabtree.dsd@gmail.com

! DESIGN BASED RESIDUAL HAZARD
Design Based Hazards actively eliminated where possible in the Design Process. Where Hazards cannot be eliminated, this symbol on the drawing with an attached note means:
1. Design Based Hazards Exist within this proposal
2. Action is required by the person supervising the work to manage the design Hazards during construction
If clarification is required of the identified hazards the person supervising the construction should contact Davenport Scaffold Designs prior to the start of work

LINESTYLES KEY
WHERE APPLICABLE

- SCAFFOLD TUBE
- SCAFFOLD BRACING
- GRID LINES OF SCAFFOLDING
- SCAFFOLD BEAMS
- SCAFFOLD HANDRAILS
- TIMBER
- DIMENSIONS
- EXISTING STRUCTURE

ALLOWABLE ERECTION TOLERANCES

BAY LENGTH ± 200mm
LIFT HEIGHT ± 100mm
REF: TG20 TABLE 2.2
NOTE - NOT FOR REPEATED USE (ISOLATED INSTANCES ONLY)

THIS DRAWING MUST BE READ IN CONJUNCTION WITH DSD DRAWING NUMBERS 22-1640-19D, 22-1640-20D, 22-1640-21D, 22-1640-23D AND 22-1640-24D.

UK Access Solutions Ltd

1 Bilport Lane, Wednesbury,
West Midlands WS10 0NT
Tel 0121 5005055 Fax 0121 5873

ACCESS TO CROWN, GREAT WESTERN AND CLOCK HOCKLEY MILLS

Title: _____

Scale (if A1): 1:100

Prep By: SMC Date: 20.4.22

Drawn By: SMC Date: 20.4.22

Contractor: _____

Client: _____

Project: DSD 22-1640-22D