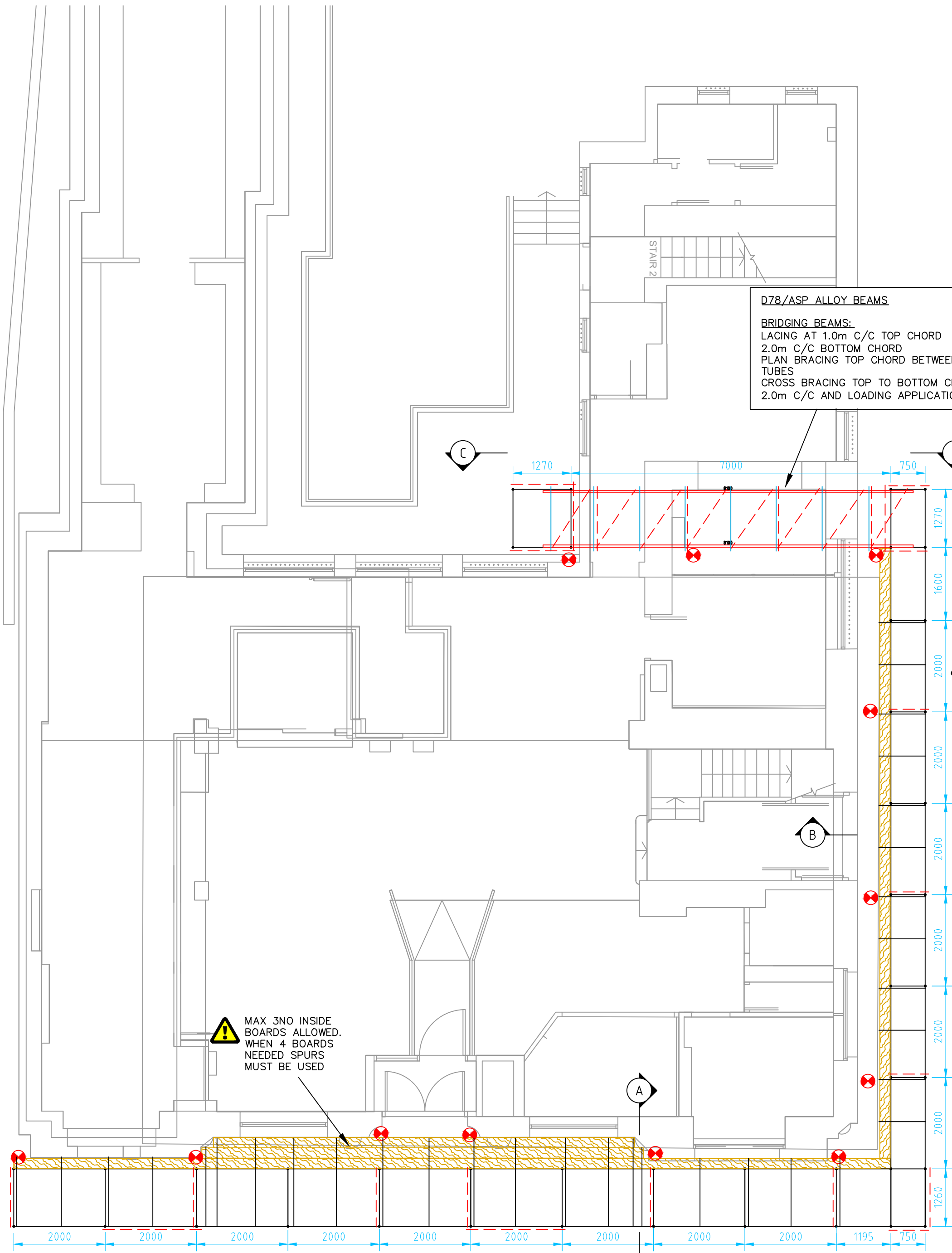
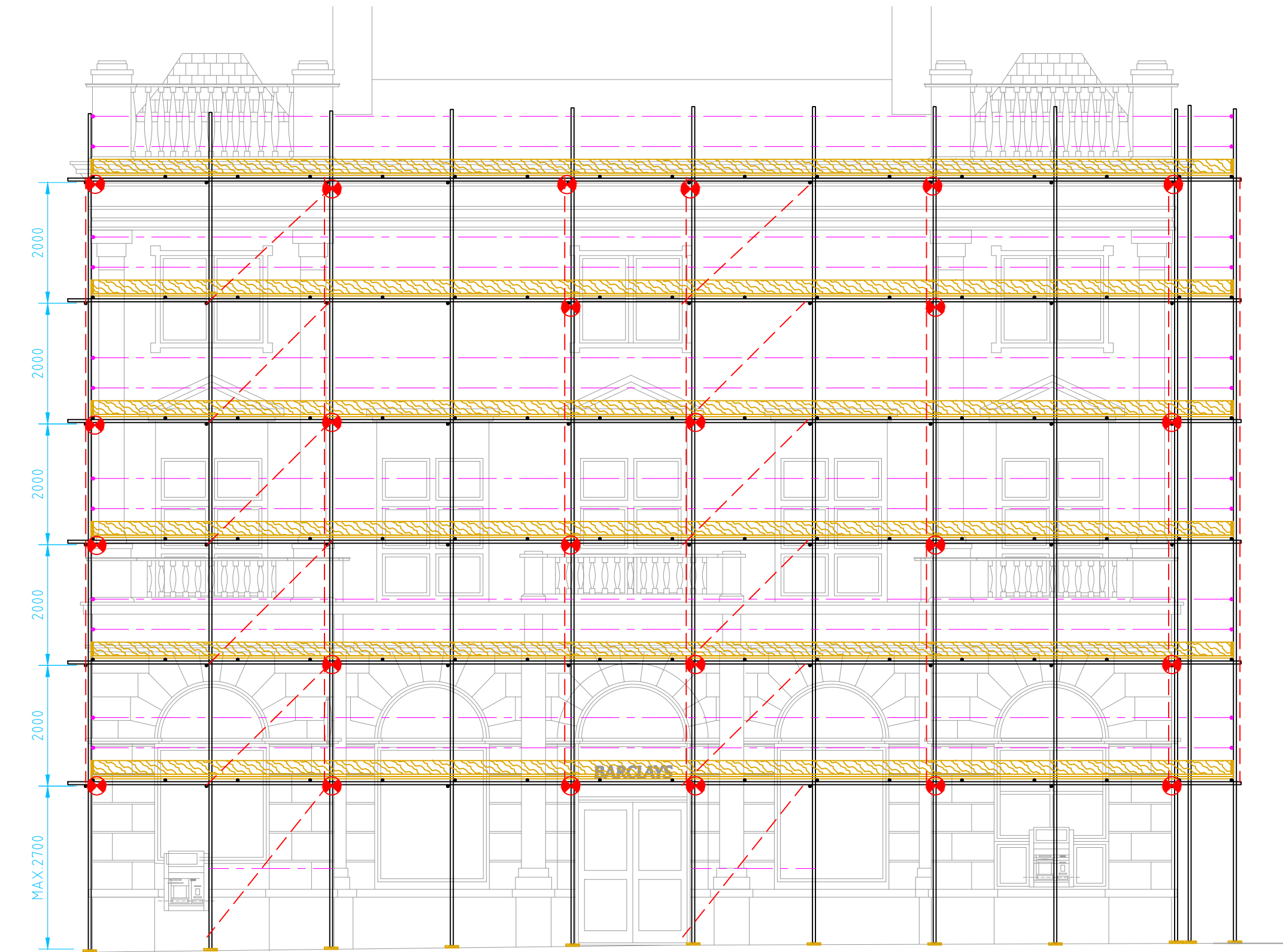
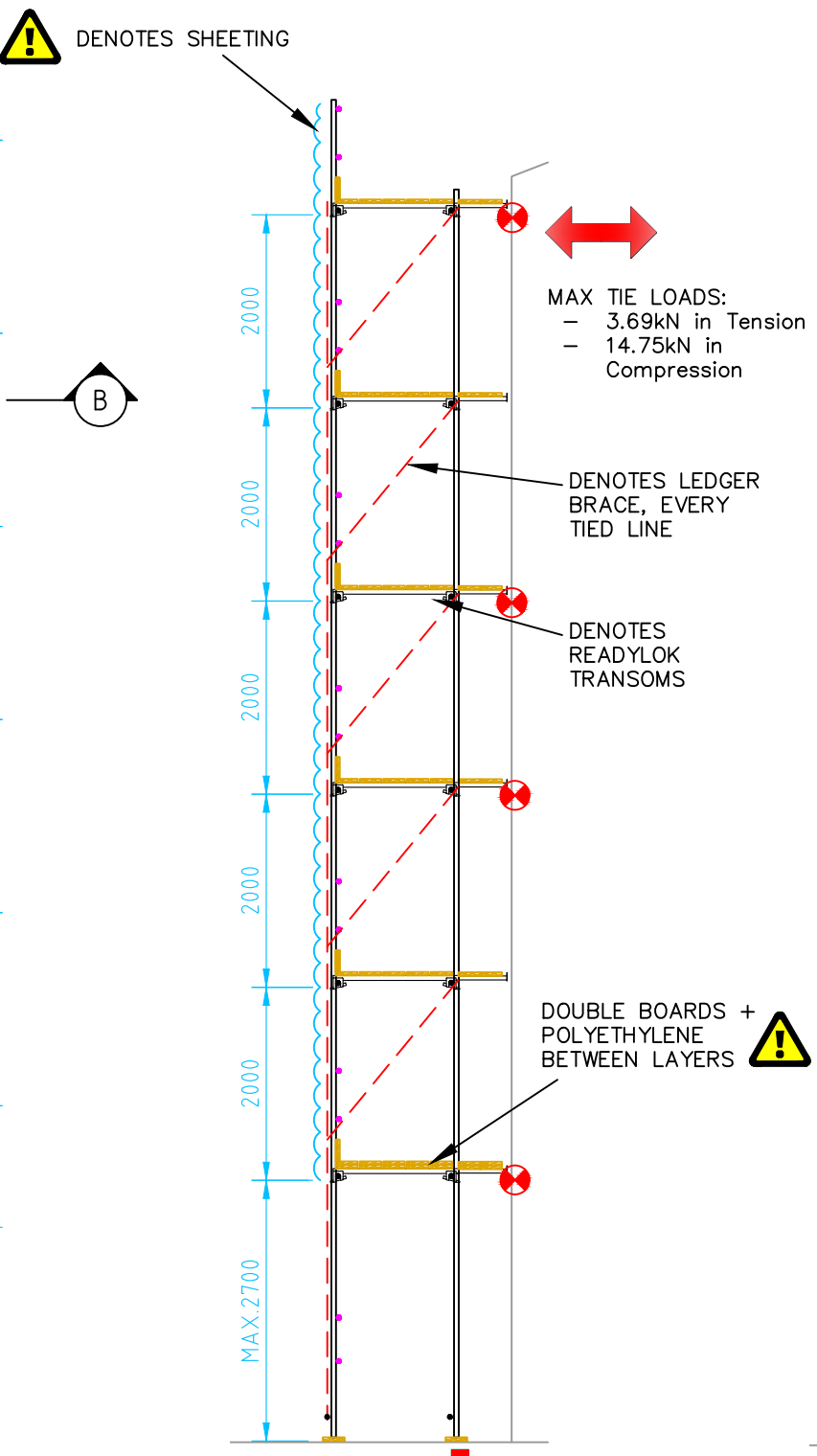




PLAN LAYOUT

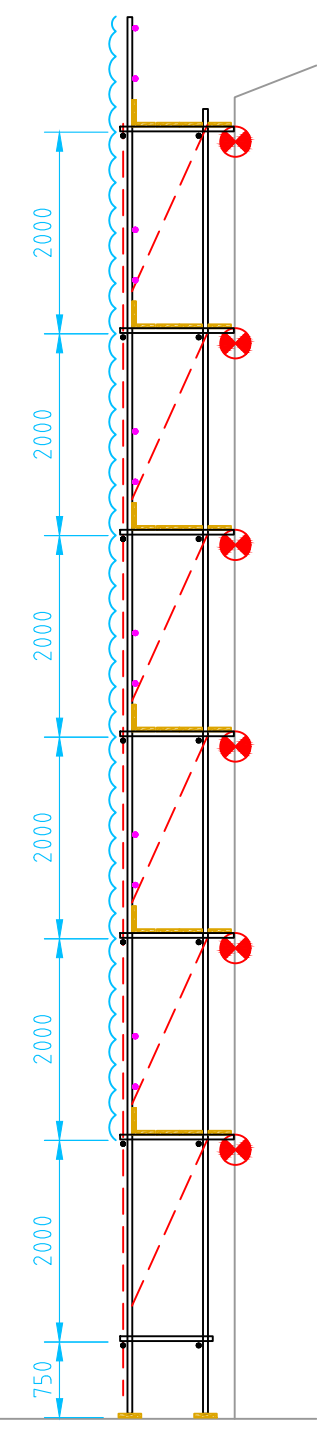


FRONT ELEVATION

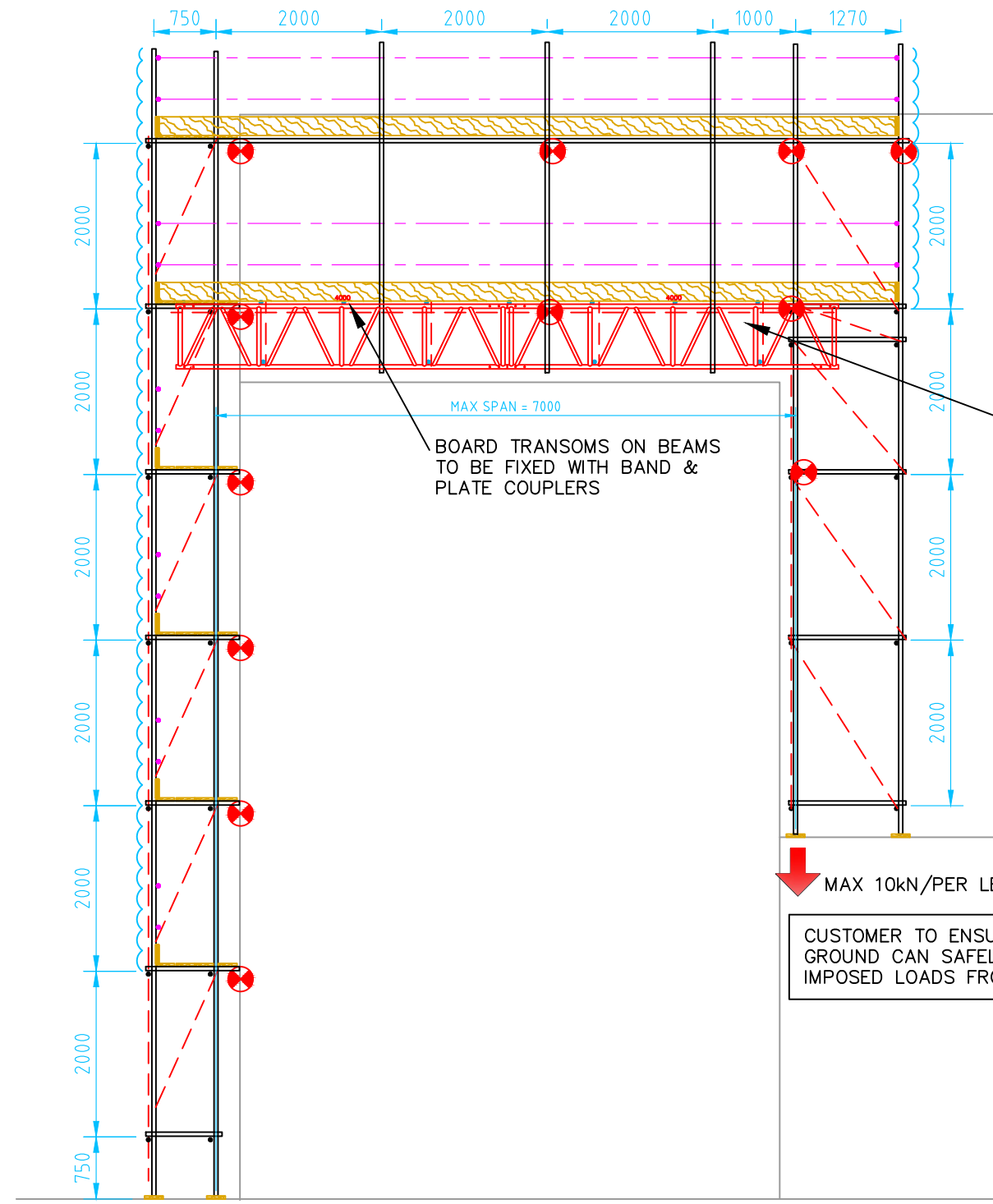


SECTION A-A

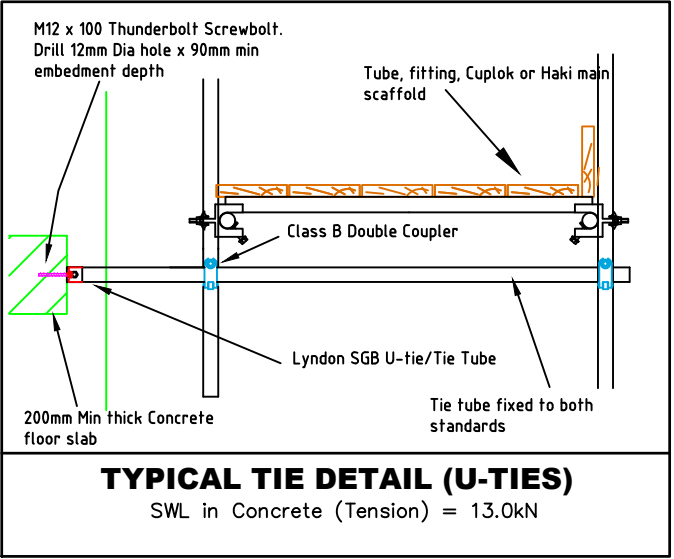
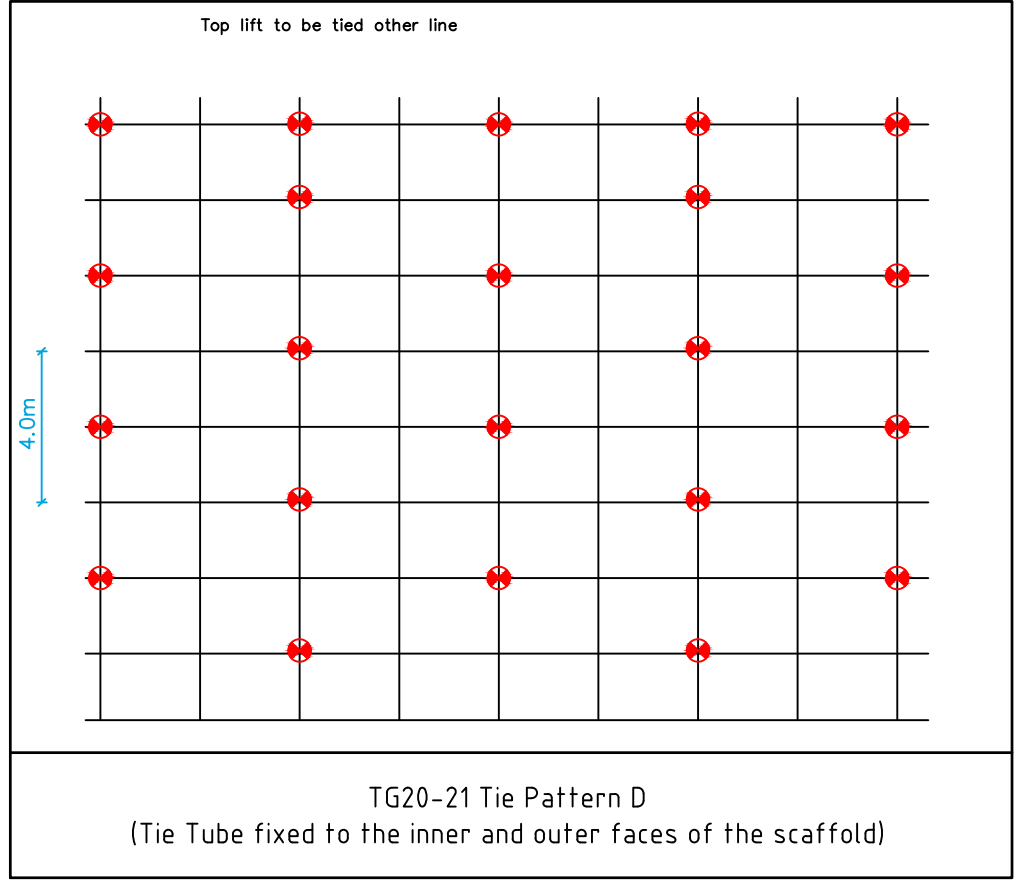
CUSTOMER TO ENSURE THAT EXISTING GROUND CAN SAFELY SUPPORT ALL IMPOSED LOADS FROM SCAFFOLDING



SECTION B-B



VIEW C-C



TYPICAL TIE DETAIL (U-TIES)

SW. in Concrete (Tension) = 13.0kN

! TIE POSITION

TIE TESTING
IN ACCORDANCE WITH TG4:19
1. PRELIMINARY TESTS TO BE 2 TIMES
WORKING LOAD = **7.4kN** MIN
2. PROOF TEST TO BE 1.25 TIMES
WORKING LOAD = **4.62kN** MIN

D78/ASP ALLOY BEAMS
BRIDGING BEAMS:
LACING AT 1.0m C/C TOP CHORD
2.0m C/C BOTTOM CHORD
PLAN BRACING TOP CHORD BETWEEN LACING TUBES
CROSS BRACING TOP TO BOTTOM CHORDS AT 2.0m C/C AND LOADING APPLICATION POINTS

MAX 10kN/PER LEG
CUSTOMER TO ENSURE THAT EXISTING GROUND CAN SAFELY SUPPORT ALL IMPOSED LOADS FROM SCAFFOLDING

SCAFFOLDS TO BE ERECTED IN ACCORDANCE WITH SG4:19
i.e SINGLE G'RAILS & BOARD BEARERS ON UNBOARDED LIFTS

NOTE!
SCAFFOLD BOARDS ARE TO BE SUPPORTED ON INTERMEDIATE TRANSOMS SPACED AT NO MORE THAN 1.2m CTRS.
ENDS OF BOARDS MUST NOT EXTEND MORE THAN 150mm PAST SUPPORTING TRANSOMS OR LEDGERS.

IMPORTANT NOTE!
OUR DESIGN ALLOWS FOR THE PROVISION OF DOUBLE SCAFFOLD BOARDS ONLY AS SOLE PLATES i.e. TIMBER BASE SPREADERS I SHOULD THIS NOT BE SUFFICIENT FOR THE GROUND CONDITIONS PREVAILING, THEN WE WILL CHARGE EXTRA OVER FOR THE COSTS INVOLVED IN PROVIDING ANY OTHER METHOD.

Drawing Notes	
1. Brand Energy & Infrastructure Services UK, Ltd (BEIS) Copyright This drawing is the copyright of BEIS. No unauthorised use, copy or disclosure is to be made and it is to be returned upon request. The drawing is supplied subject to the company's standard conditions as applicable.	4. Imposed Loads Imposed loads (unless otherwise indicated) where applicable:- Access Working Lifts1.....No. @.....2.0.....kN/m ² Additional Lifts1.....No. @.....1.0.....kN/m ² Hop-Up Brackets/Inside Boards2.....No. @.....0.75.....kN/m ² Wind Wind loads have been calculated in accordance with BSEN1991-1-4, UK National Annex & TG20 Max. Design Wind Force 0.639 kN/m ² Customer to satisfy themselves that the loading allowed for are suitable and adequate.
2. Basis of Design Unless otherwise stated the scaffold has been designed in accordance with the requirements of The Work at Height Regulations 2005 and the principles of BS EN 12811-1, NASC TG20 and the System User Manuals. This drawing has been prepared from information supplied to us by, or on behalf of the Customer, who should check that we have correctly interpreted their requirements and that all loadings, dimensions, details, erection, pouring and striking sequences etc. are as required and practicable. The following documents have been used to prepare this scheme:- Design Brief: Customer Drawings: Other Information: 3. Assumptions The following assumptions, affecting the use of the equipment shown on this drawing, have been made: Read all Notes Customer must check and confirm all dimensions The Customer is to check that the assumptions made are suitable.	5. Foundations/Structure Unless otherwise noted, no soleplates or other means of spreading the imposed loads are supplied by BEIS. Where BEIS equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads. 6. Materials All materials used in this structure will comply with relevant British and/or European Standards as indicated in BS EN 12811-1, NASC TG20 and the System User manuals. Scaffold boards are assumed capable of spanning 12m. 7. Modification The Customer is responsible for ensuring that this designed structure is not modified or altered in any way without written authority of BEIS. Modifications include adding sheeting, netting, hoists, rubbish chutes etc Alterations includes the removal of any component i.e. Standards, Ledgers, Transoms, Braces, Ties, Scaffold Boards etc. 8. Tying and Bracing The Customer is responsible for ensuring that all structures remain adequately tied and/or braced to carry the load and ensure stability. The Customer is responsible for the maintenance of all tie and butt positions to ensure they remain capable of resisting the required imposed loads.

9. Permits The Customer is to be responsible for obtaining all permits and permissions necessary prior to construction. Any specific permit conditions must be included in the Customers Design Brief. 10. The Construction Design and Management Regulations 2015 - General Principles of Prevention Where reasonably practicable, foreseeable risks to the health or safety of any person will be designed out, reduced or controlled. Any significant residual risk will be noted and indicated by the yellow warning triangle. 11. Duties under The Construction Design and Management Regulations 2015 Regulation 9 & 15 require that we make Customers aware of the duties imposed by the regulations. Guidance on your duties is available as an Approved Code of Practice that is published by HSE. 12. Design Approval The Customer is required to formally approve this design scheme prior to delivery and/or erection of any scaffolding. In the absence of formal approval, our Customer's verbal or written instruction to proceed will be deemed as an unequivocal acceptance of this design. 13. Dimensions All dimensions are in mm and centre to centre unless otherwise noted. Written dimensions shall take precedent over scaled dimensions. The Customer must verify all site dimensions and notify BEIS of any discrepancies. This drawing must not be scaled. 14. Safe System of Work The erection and dismantling of this scheme will be in accordance with a safe system of work as detailed in our Operational Risk Assessment and Method Statement. The scaffold will be erected and dismantled in accordance with guidance issued by NASC i.e. SG4, TG20 etc *****DO NOT TAKE RISK! - IF IN DOUBT, ASK*****

LOADING
This Structure has been designed to support:
2No. Working Levels at any time.
1No. Levels taken at 20kN/m² &
1No. Levels taken at 10kN/m².
Inside boards to support 0.75kN/m² on 2No. working lifts.

A				
Index	Revision	Date	drawn:	checked:

RESIDUAL RISK ASSESSMENT Where reasonably practicable, foreseeable risks to the health or safety of any person will be designed out, reduced or controlled. Any significant residual risk will be noted and indicated by the symbol DRAWING STATUS Construction Status fully valid when checked and dated 1	
Construction Drawing EQUIPMENT LOADING, LOCAL & OVERALL STABILITY CHECKED FOR BRAND ENERGY & INFRASTRUCTURE.	
Scale: 1:50, 1:75 Date: 27/04/2021 Name: KB Drawn: 27/04/2021 Checked: 27/04/2021 CR Remark:	Customer: ISG Project: Barclays, Neath Access Scaffold
Bristol Office Port Edward Centre, St Andrews Rd Avonmouth, Bristol, BS11 9HS Tel: +44 (0) 117 3167323 E-Mail: kbartczak@lyndon-sgb.co.uk www.lyndon-sgb.co.uk	Brand Energy & Infrastructure Services UK Ltd 1st Floor, Russell House 299 Kingston Road Leweshead, Surrey, KT22 7SG Tel: +44 (0) 1372 381 300 Fax: +44 (0) 1372 381 399 Lyndon / SGB BY BRAND/SAFWAY
CAD-File: 8113-01.dwg	Drawing-No.: A-C21-AB-8113-01