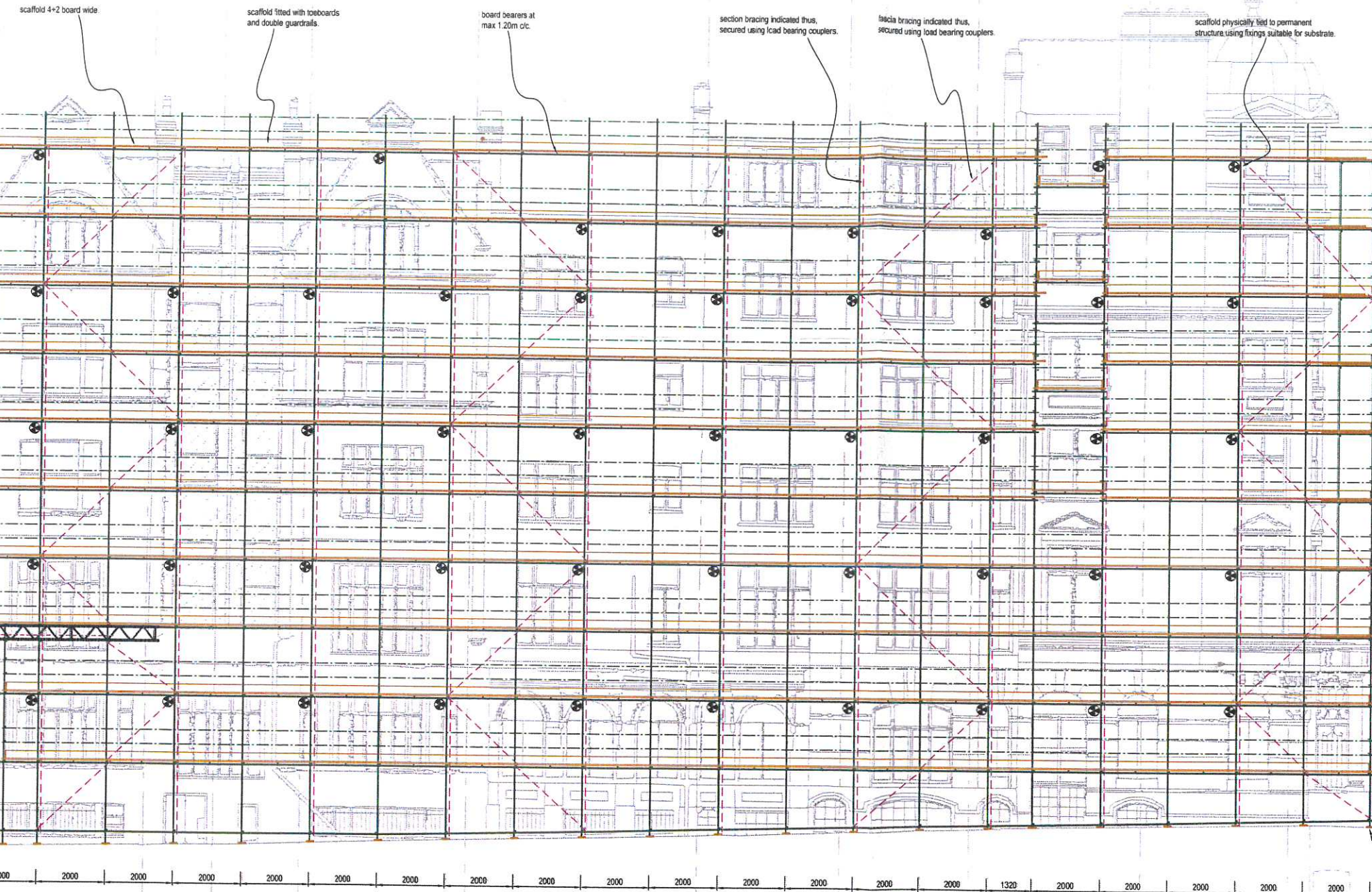
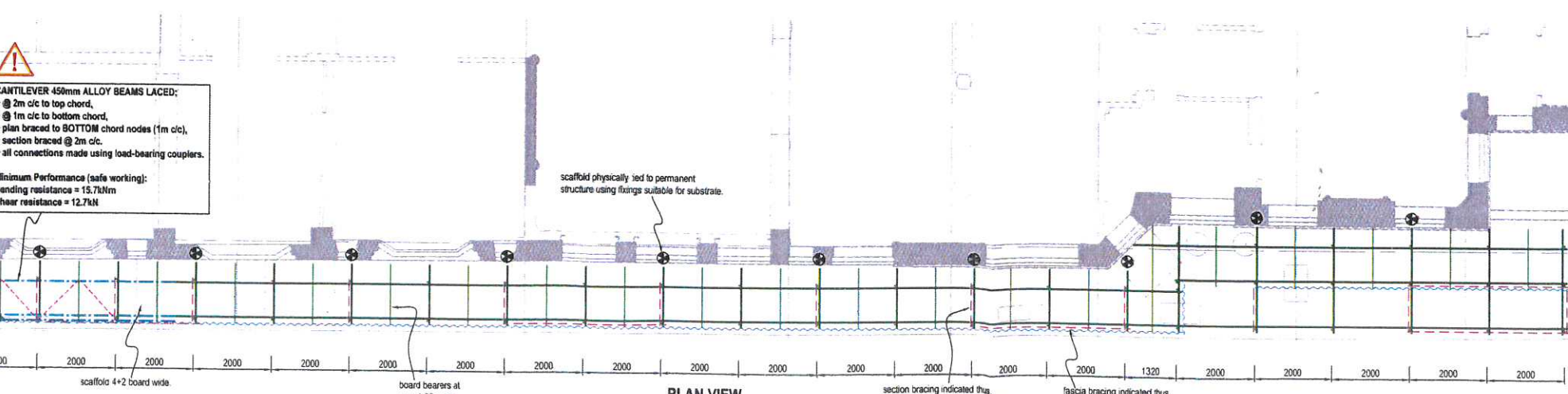


**GENERAL NOTES**  
 This drawing is confidential and is the property of Optima Scaffold Designs LLP. No unauthorised use, copy or disclosure is to be made without written permission.  
**COM Regulations 2015**  
 The Construction (Design & Management) Regulations 2015, regulation 9, requires that we make the client aware of their duties imposed by the regulations.  
 Guidance on your duties are detailed within The Construction (Design & Management) Regulations 2015.  
**Scope of Design**  
 This drawing has been prepared from information supplied to us by, or on behalf of the contractor, who should check that his requirements have been correctly interpreted and that all loading, dimensions, heights, bay sizes, erection/alteration requirements etc. are as required and practicable.  
 The drawing has been prepared in accordance with the following:  
 NASC TGD2 13 GS 04 12811-1  
 BS 5975:2008+A1:2011 Code of practice for temporary works procedures and the permissible stress design of framework  
 BS EN 1991-1-3: 2003 Snow Loads  
 BS EN 1991-1-4: 2003 Wind Actions  
 All scaffolding materials forming this structure are to comply with NASC TGD2 13 & BS EN 12811-1.  
 Scaffold tube taken as BS EN 39 type 4 "as new" condition.  
 All scaffold fittings taken as load-bearing class A fittings unless stated otherwise.  
 All proprietary equipment must be used in accordance with the manufacturers information.  
 Scaffolding structure to be erected by competent operatives in accordance with SC4:10 and Work at Height Regulations.  
 Scheme to be read in conjunction with the scaffold contractors quotation, risk assessment and method statement for which this scaffold contractor is totally responsible.  
**Design Loads**  
 This scaffold has been designed for the following platform loads:  
 1 No. Lifts @ 2.0 kN/m<sup>2</sup>  
 1 No. Lifts @ 1.0 kN/m<sup>2</sup>  
 All inside boards raised at 0.75kN/m<sup>2</sup>  
 Total No. of boarded lifts = 10 No  
**Wind Loads**  
 This scaffold has been designed for the following wind load:  
 Qp = 0.535 kN/m<sup>2</sup>  
 Scaffold to be inspected by competent personnel after all adverse weather conditions prior to work proceeding.  
**Working Platforms**  
 All working platforms must comply with the statutory regulations at all times.  
 Scaffold boards are to be restrained against movement as per TG12:10.  
**Foundations/Supports**  
 The contractor is responsible for all foundation design, including any timber soleboards required.  
 Maximum tie load = 12.2 kN.  
 Where equipment is supported or suspended from an existing structure the contractor must ensure that the existing structure is adequate to safely support the scaffold loads.  
**Ties**  
 The contractor is responsible for ensuring the existing structure is capable of safely withstanding the scaffold tie loads.  
 Tie selection should be made by the contractor using guidance from TGA.  
**TGA Selection Summary:**  
 Base Material: Concrete  
 Anchor Types: Drop-in expansion anchor, Self-tapping screws, Nylon anchors with screw-in eyes, Resin anchors.  
 Brickwork & Stonework: Self-tapping screws, Self-tapping screws with resin, Nylon anchors with screw-in eyes, Resin anchors.  
 Concrete Blockwork: Self-tapping screws, Nylon anchors, Resin anchors.  
 Timber: Screw-in eyes, Self-tapping screws.  
 Steelwork: Self-drilling & tapping screws, Bolts for hollow sections.  
 Anchors should be fixed and tested in accordance with TGA.  
 All tie tubes to be fixed with load-bearing couplers.  
 The contractor is to ensure that no ties are removed without the approval of Optima Scaffold Designs LLP.  
 Maximum anchor load = 8.84 kN Pull-Out, 0.3 kN Shear.  
**Shoring Work**  
 Optima Scaffold Designs LLP cannot and will not pass comment on the building being shored as this involves matters beyond our knowledge. 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.  
**Temporary Roofs**  
 No temporary roof can be made watertight.  
 When kerledge or arconage is specified on the drawing, it must be installed prior to erection of the scaffold above the 1st lift.  
 For mono-pitch temporary roof, the minimum slope angle of the roof sheathing is 5° when using CI sheets. For all roof systems the manufacturers recommendations should be followed.  
**Sheeting/Fans**  
 No wind protection, sheeting or fans etc. to be added to the scaffolding structure unless otherwise stated on this drawing.  
**Kerledge**  
 Where a scaffold requires kerledge for stability, the kerledge should be placed in position prior to erection of the scaffold above the 1st lift.  
**Modifications**  
 No alterations are to be made to the scaffold structure detailed on this drawing without written permission from Optima Scaffold Designs LLP.  
**Dimensions**  
 Within dimensions shall take precedence over scaled dimensions.  
 The contractor should verify all site dimensions and notify Optima Scaffold Designs LLP of any discrepancies.  
 The contractor is responsible for accurately setting the position of the scaffold structure.

**TEST 1 IN 20 TIES TO 1.25 x 6.84 = 7.63kN**



**ELEVATION A - A**



**PLAN VIEW**

Revision	Date	Description	Prepared by	Checked by
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Client: <b>BCM Scaffolding</b>				
Job Title: <b>The Cardigan Hotel</b>				
Drawing Title: <b>Access Scaffold to Pavilion St Elevation</b>				
Scale: <b>1:75</b>	Date: <b>3/9/2015</b>	Drawing Number: <b>15/OPT/L/380-1</b>		Revision: <b>-</b>
Prepared by: <b>OS / DS</b>	Checked by: <b>KH</b>			