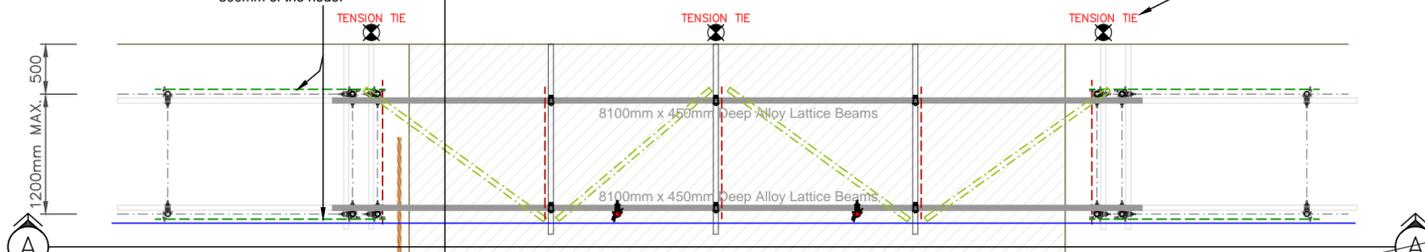
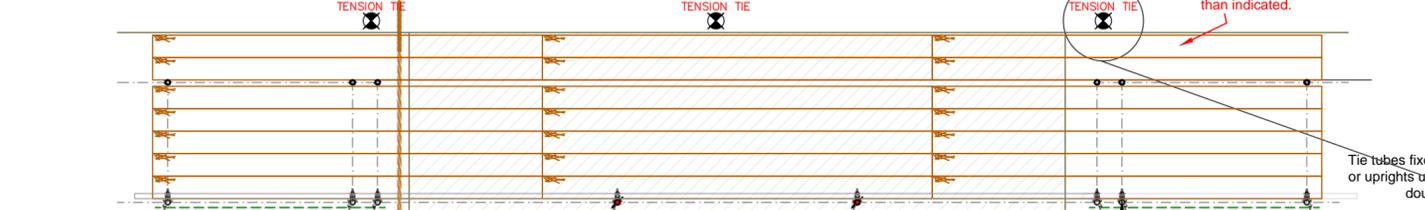


PLAN LAYOUT @ LEVEL 1 - 1
scale 1:50



PLAN LAYOUT @ LEVEL 2 - 2
scale 1:50



PLAN LAYOUT @ LEVEL 3 - 3
scale 1:50

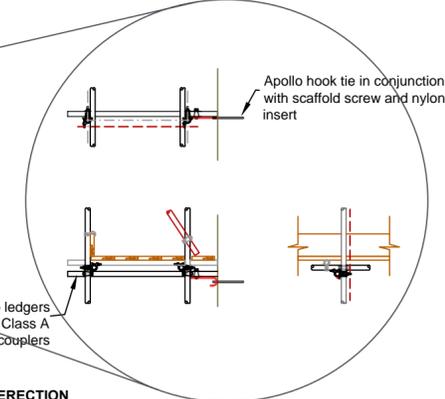
All 48.3mm x 4.0mm CHS BS 1139 scaffold tube uprights to be installed at positions indicated not exceeding the maximum bay sizes shown (± 50 mm tolerance). All uprights to be within 1% of plumb (10mm out of plumb every 1000mm vertical tolerance).

Scaffold to be tied into the existing structure at support leg positions every 4.200m vertically and standard scaffold on a 4.200m by 4.200m grid using 'Tie Details' as the method of fixing.

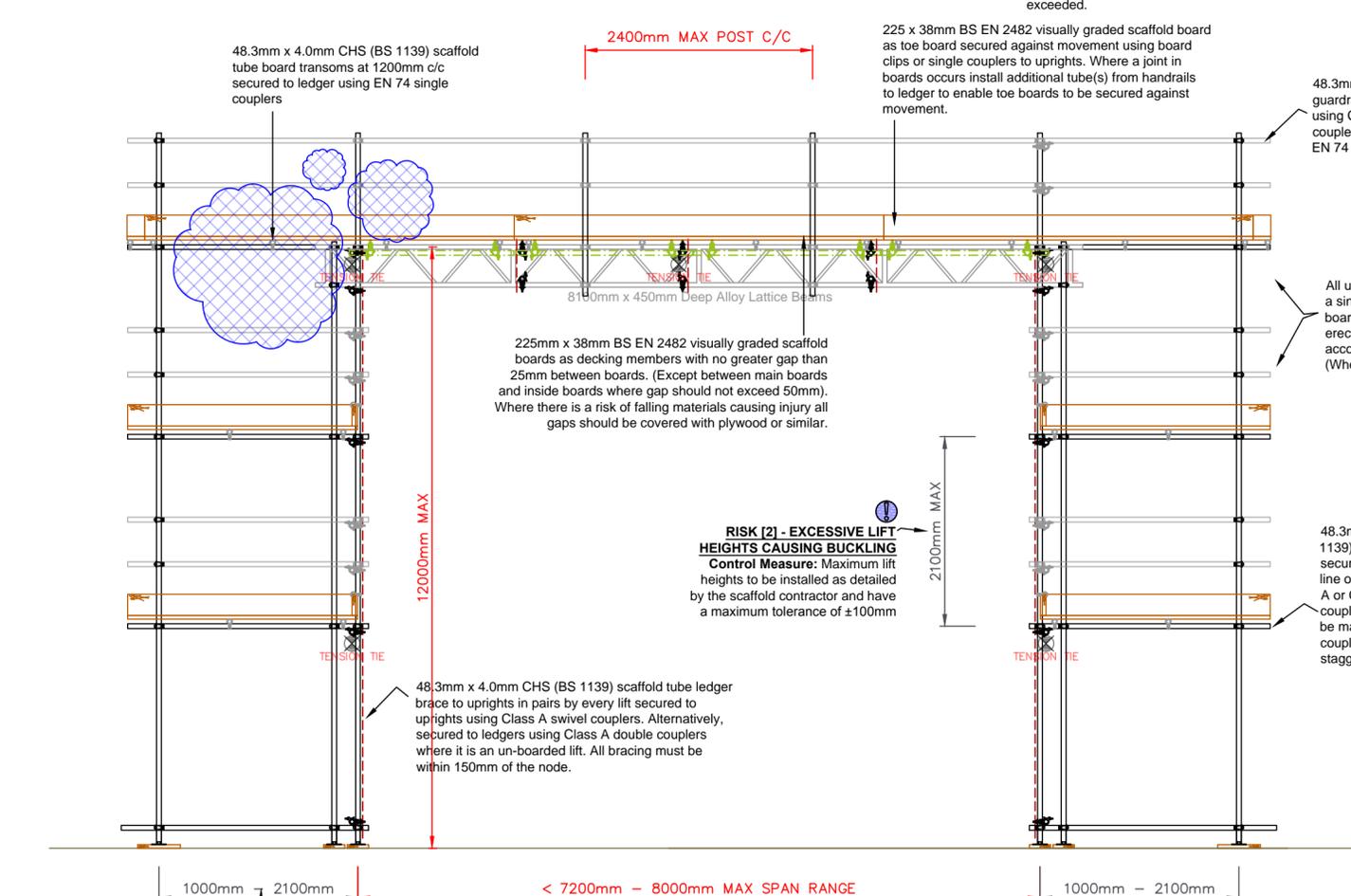
Tie tubes fixed to ledgers or uprights using Class A double couplers

RISK [2] - EXCESSIVE BAY SIZES INSTALLED DURING ERECTION
Control Measure: The scaffold contractor must ensure that the maximum bay size installed are as indicated and should not be exceeded.

LEGEND	
	Structural Steel
	Prefabricated Lattice Beams
	Timber Products / Scaffold Boards
	Building Line
	Facade Brace (Plan, Section)
	Kentledge Hatch
	Ledger Brace (Plan, Elevation)
	Plan Brace (Plan, Section, Elevation)
	Scaffold Centre Line (Plan)
	48.3mm Diameter Scaffold Tube
	Cladding Material (Sheeting / Netting)
	Splice Detail
	Supplementary Coupler / Check Fitting
	Tie Location (Plan, Section, Elevation)
	Puncheon
	Upright Cut Off
	Residual Risk
	Ledger Brace (Elevation, Section)
	Facade Brace (Elevation, Section)



HOOK TIE DETAIL
scale 1:50



ELEVATION A - A
scale 1:50

48.3mm x 4.0mm CHS (BS 1139) scaffold tube guardrails secured at every lift for full perimeter using Class A or Class B EN 74 double couplers. Joints in handrail to be made using EN 74 sleeve couplers only.

All un-boarded lifts should have a single principal guardrail and board transoms to facilitate erection and dismantling in accordance with SG4:10. (Where present)

48.3mm x 4.0mm CHS (BS 1139) scaffold tube ledgers secured to inside and outside line of standards using Class A or Class B EN 74 double couplers. Joints in ledgers to be made using EN 74 sleeve couplers and should be staggered between bays.

Monarflex Sheeting or other solid fire retardant sheeting secured to inside or outside face of the outside upright secured using manufacturer approved bungee chords or zip ties at 500mm c/c to 'sheeting rails' at 1000mm c/c vertically up the height of the scaffold OR Debris netting secured to the inside or outside face of the outside upright secured using zip ties or similar at 500mm c/c to 'sheeting rails' at 1000mm c/c vertically up the height of the scaffold.

RISK [3] - OVERLOADING OF SCAFFOLD STRUCTURE
Control Measure: The design service loads indicated should be closely site managed to ensure that only two number of working levels are present at one time. The load conditions of the scaffold should be clearly identified on the scaffag.

All load bearing transoms to abut the wall. Plastic end caps to be used if required under the specification for works in order to protect the existing structure.

48.3 x 4.0mm CHS (BS 1139) scaffold tie tube secured to both inside and outside standards or ledgers using EN74 Class A or Class B double or swivel couplers. The tie tube should be within 150mm of the node.

152 x 152 x 4.76mm (EN 74) baseplate with scaffold upright centered about the plate

The actual bearing pressure = 120kN/m² (factored). The principal contractor should either check the ground for adequacy or provide Creator Ltd with an allowable bearing pressure.

SECTION B - B
scale 1:50

CONTRACTOR NOTES

DESIGN APPROACH:
This 'design' has been carried out using the limit state approach in accordance with BS EN 12811-1, NASC TG20 (Current) and the Eurocode Suite.

PROPRIETARY EQUIPMENT:
All proprietary equipment should be installed and used in accordance with the manufacturer's instructions.

DESIGN SPECIFICATION AND INTERPRETATION:
The design has been produced using information provided to us by yourself and/or by others involved in the project. It is your responsibility to ensure that the 'services' provided are correct and the specification for the works has been interpreted correctly. This includes but is not limited to: loading, dimensions, lift heights etc. It is your responsibility to ensure that you produce a Risk Assessment and Method Statement (RAMS) in line with the design and that all items detailed are practicable.

ANCHORS / TIES:
The anchors / ties used in design are based on correct installation in accordance with manufacturer's details and the implementation of proof tests in accordance with NASC TG4 (Current) to ensure suitability of building strata. A minimum of 5% of the total number of anchors/ties should be tested to the values indicated in 'LOADINGS' notes. It is the responsibility of the scaffold contractor to ensure that load bearing couplers are used for all ties, that they are installed correctly and fully in accordance with the design. Under no circumstances should ties be removed once installed as per the design. Should a tie require removal Creator Ltd should be contacted for advice. It is the responsibility of the scaffold contractor to ensure that load bearing couplers are used for all ties, that they are installed correctly and fully in accordance with the design. Under no circumstances should ties be removed once installed as per the design. Should a tie require removal Creator Ltd should be contacted for advice.

FOUNDATIONS (SEE AS A BEARING STRATA):
It is the responsibility of the Principal Contractor to ensure all ground prior to erection. The forces/pressures to the ground, as detailed in 'LOADINGS', should be approved by the Principal Contractor prior to erection ensuring that settlement is kept to an absolute minimum. All foundations should be regularly inspected and a minimum during the statutory weekly inspection. If at any stage the Principal Contractor / Contractor has concerns with the ground Creator Ltd should be contacted immediately.

FOUNDATIONS (EXISTING STRUCTURAL MEMBER AS A BEARING STRATA):
It is the responsibility of the Principal Contractor to ensure that all loads applied to the existing structure are approved by a competent structural engineer prior to erection of the scaffold structure as this involves matters beyond our remit. See 'LOADINGS' for summary of loads to the existing structure. Should the existing structure be unavailable to support the applied loads contact Creator Ltd prior to erection to obtain new proposals. Once approval of loads has been made and scaffold has been erected, the existing structure should be regularly inspected by the Principal Contractor.

DESIGN SERVICE LOADS (LIVE LOADS):
It is the responsibility of the Principal Contractor and Scaffold Contractor to ensure that the loads allowed in 'LOADINGS' notes are suitable for the work being undertaken and that the loading can be effectively managed by the Principal Contractor during the in-use phase.

BOARDED LEVELS:
The maximum number of boarded levels is as indicated on the design and in the 'LOADINGS' section of the design. It is the responsibility of the scaffold contractor to ensure that the correct number of boarded levels are installed, that boards are in good condition showing no signs of defects and that they are effectively secured against movement.

MATERIALS:
All materials should be in good condition showing no signs of defects. The design is based on the use of BS EN 2482 visually graded scaffold boards, EN 74 couplers and BS 1139 good quality galvanized scaffold tube. All beams and prefabricated members should have a manufacturer's identifier and should be in good condition showing no signs of defects.

DIMENSIONS:
All written dimensions should take precedence over scaled dimensions. Any dimensional discrepancies on the design should be notified to Creator Ltd. It is the responsibility of the Scaffold Contractor and/or Scaffold Contractor to ensure the scaffold is set out correctly and in accordance with the design.

PERMITS AND PERMISSIONS:
It is the responsibility of the Principal Contractor/Scaffold Contractor to obtain all permits and permissions prior to erection of the scaffold.

PROPERTY / MODIFICATION:
This document remains the exclusive property of Creator Ltd and should be returned immediately upon request. No modification or alteration should be made to the design without written permission from Creator Ltd.

LOADINGS

THE VALUES (ANCHOR FORCES)	Value (factored)
Maximum Calculated Tie Value / Abutting Value (Sheets)	80.33 kN (factored)
Maximum Calculated Tie Value / Abutting Value (Sheets)	8.88 kN (factored)
Maximum Calculated Tie Value (Sheets)	7.35 kN (factored)
Maximum Calculated Abutting Value (Sheets)	52.56 kN (factored)
Maximum Calculated Tie Value (Diaphragm)	4.90 kN (factored)
Maximum Calculated Abutting Value (Diaphragm)	8.34 kN (factored)
Maximum Calculated Tie Value (Sheeted)	52.26 kN (factored)
Maximum Calculated Abutting Value (Sheeted)	28.84 kN (factored)
Maximum Calculated Tie Value (Sheeted)	11.17 kN (factored)
Maximum Calculated Abutting Value (Sheeted)	13.89 kN (factored)

Wind Loading (BS EN 1991-1-4)	1.50 kN/m ² (factored)
Snow Loading - (BS EN 1991-1-2)	0.71 kN/m ² (factored)

BOARDED LEVELS
Maximum Number of Boarded Levels = 6.000 No.
Maximum number of boarded levels as indicated on design where different from above.

REV	BY	DATE	CHECKED	DATE	APP'D	DATE
-	BMB	12.05.14	RWB	12.05.14		

AMENDMENTS / REVISIONS

CHAD SCAFFOLDING
ACCESS MADE EASY

UNIT 6,
HIGHCLIFFE IND ESTATE,
BRUNTCLIFFE LANE,
MORLEY
LEEDS
WEST YORKSHIRE
LS27 9LR

FOR CONSTRUCTION

Project Number: CRE/6204/001/3
Scale: 1:50, 25 @ A2

8000mm BRIDGE SPAN BEAM LEVEL BOARDED

SEE QUOTE

CREATOR
SCAFFOLD DESIGNS & TEMPORARY WORKS CONSULTANTS LTD

Project House, Grange Lane, Valley Works, Sheffield, S5 0GG
Email: enquiries@creator-scaffoldsdesigns.co.uk
Tel: 0114 3610060
www.creator-scaffoldsdesigns.co.uk