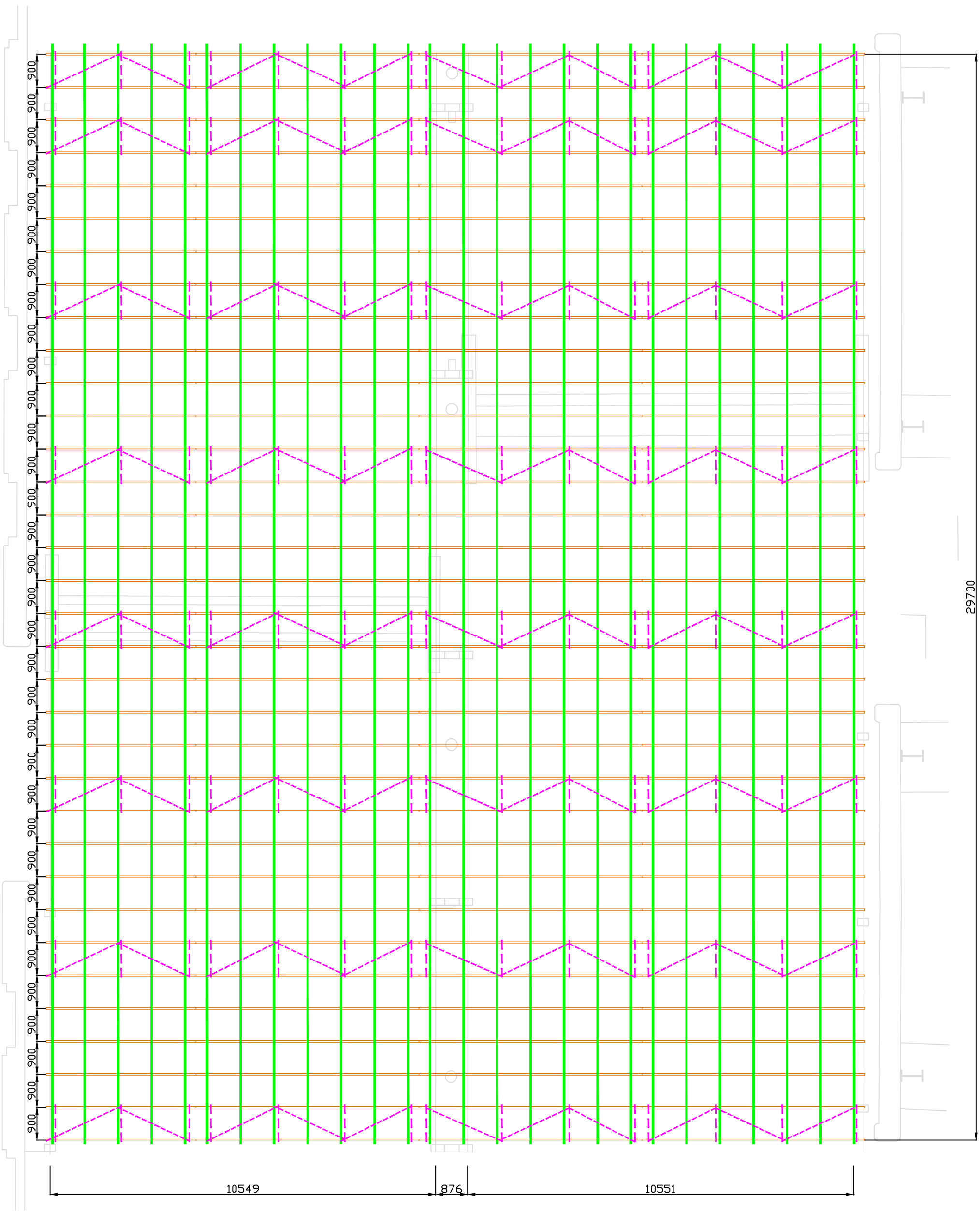
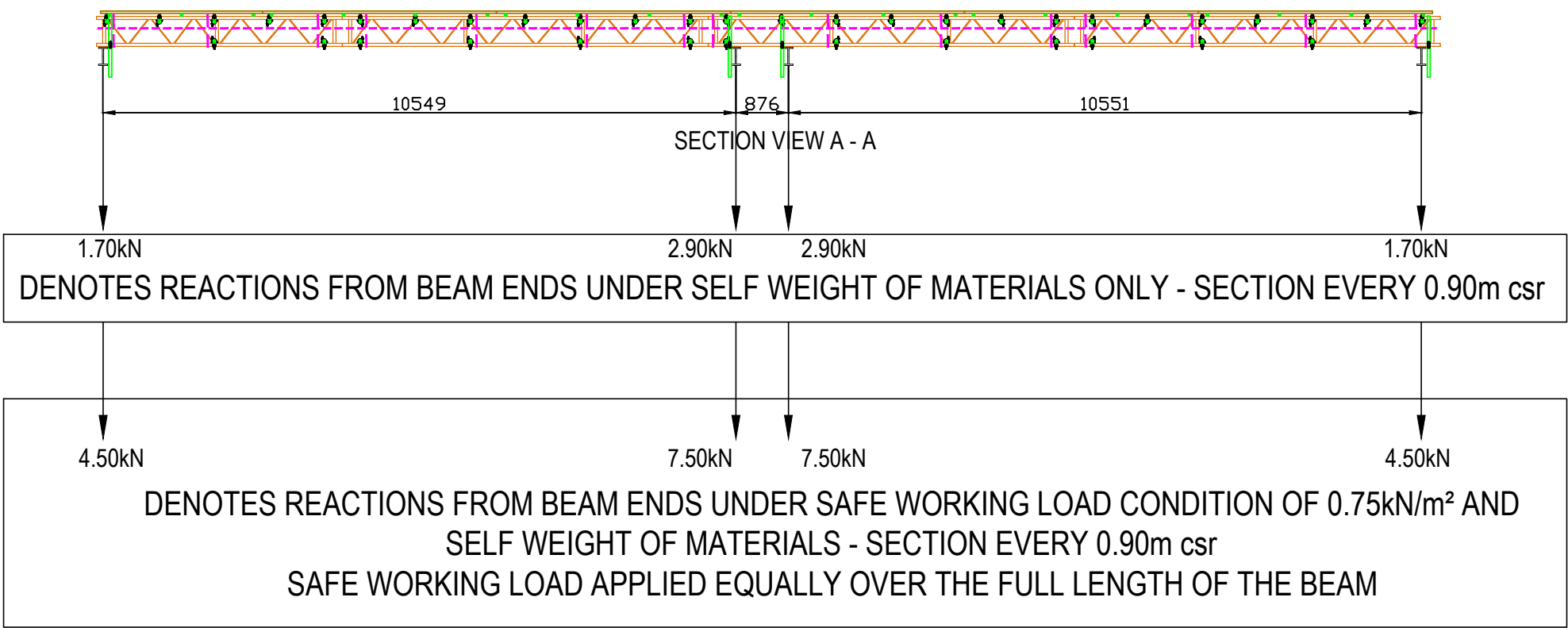




PLAN VIEW
OVER ALL AREA



DENOTES REACTIONS FROM BEAM ENDS UNDER SELF WEIGHT OF MATERIALS ONLY - SECTION EVERY 0.90m csr

DENOTES REACTIONS FROM BEAM ENDS UNDER SAFE WORKING LOAD CONDITION OF 0.75kN/m² AND SELF WEIGHT OF MATERIALS - SECTION EVERY 0.90m csr
SAFE WORKING LOAD APPLIED EQUALLY OVER THE FULL LENGTH OF THE BEAM

PLATFORM TO BE SINGLE BOARDED AS PER ORIGINAL BIRDCAGE SPECIFICATION AS
DETAILED IN DWG 19-BSD-337-02-01 & 19-BSD-337-02-02

This drawing is confidential and it and the copyright therein are the property of Bespoke Scaffold Design Ltd. This drawing is issued on the conditions that—
1) It must not be used except under a contract with Bespoke Scaffold Design Ltd relating to the job in connection with which the drawing was issued.
2) It must not be copied or exhibited without the written permission of Bespoke Scaffold Design Ltd

GENERAL NOTES

- The placing of an order based on a scheme submitted by Bespoke Scaffold Design Ltd is deemed to imply that the client is satisfied that the technical content of the scheme is in accordance with his requirements. The client is to check that his requirements have been correctly interpreted before erection commences.
- When indicated, this is not a working drawing and is to be used for quotation or discussion purposes only.
- When indicated, this is a working drawing and is for construction purposes. No deviation is permitted without written approval from Bespoke Scaffold Design Ltd.
- This drawing is to be read in conjunction with the following Bespoke Scaffold Design Ltd documents :- Calculation Document Referencing Specific Drawing Number as Below.
- Bespoke Scaffold Design Ltd Scheme has been prepared from the following information :-
.....
- Where a temporary structure, designed by Bespoke Scaffold Design Ltd, imposes loads on a permanent structure, the client must ensure that the permanent structure is of adequate strength to resist such forces.
- The client is to provide adequate foundations to support the loads imposed by Bespoke Scaffold Design Ltd structure without adverse settlement or deflection.
- Maximum force per standard = SEE DRAWING
- The Main Contractor is to assist the Scaffolding Contractor with, and agree, the setting out of Bespoke Scaffold Design Ltd's temporary structure before erection commences.
- The client is to ensure that no modifications are made to Bespoke Scaffold Design Ltd's structure without the written approval of Bespoke Scaffold Design Ltd.
- No wedging, strutting or any other load not specified is to be applied to Bespoke Scaffold Design Ltd's structure.
- No sheeting, debris netting or any other materials shall be fixed to a structure provided by Bespoke Scaffold Design Ltd unless approved and noted by Bespoke Scaffold Design Ltd

TIES

- Client is to permit the scaffolding contractors scaffold, to be tied to the permanent structure in accordance with BS 12811 or as indicated on this drawing.
- Client is to ensure that no ties are removed without the approval of the scaffolding contractor.
- All ties are to be fixed with load bearing couplers, preferably right angle couplers.
- Where propriety anchors are specified, it is assumed that the permanent structure is of suitable condition to provide the required restraint of (see dwg note) per anchor. Should this prove not to be the case, then an alternative must be found and may be charged for.
- Where propriety anchors are used, client is to carry out making good.
- Ties are indicated thus  on elevation, section and plan.

DESIGN LOADS

This scaffold has been designed for the following:-
Load Classification Table 2.10 TG20:13 - Load Class 1,
Maximum number of working platforms 1No
Maximum U.D.L Main Platform: 0.75 kN/m²
Maximum U.D.L Second Platform: 0.00 kN/m²
Maximum U.D.L Inside Boards: 0.00 kN/m²
total number of boarded lifts = 1No.
The contractor must ensure that the loads allowed for are sufficient for the work being undertaken.

BASIS OF DESIGN

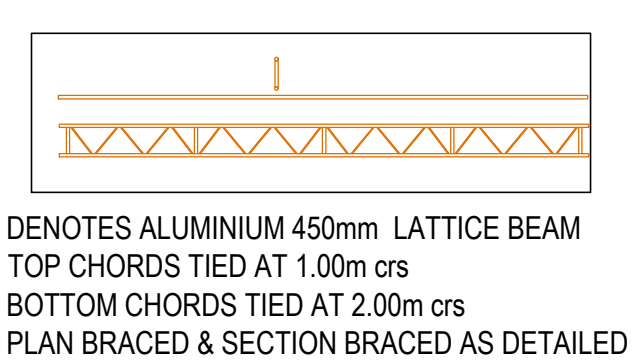
This scaffold has been designed in accordance with the following:-
NASC TG20 Latest Edition
BS 5975:2008+A1:2011 Code of Practice for Temporary Works Procedures & The Permissible Stress Design of Falsework
BS EN 1991-1-3:2003+C1:2010 Snow Loads
BS EN 1991-1-4:2005A1:2010 Wind Actions

MATERIALS

Scaffold Tube as Type 4 Steel Tube to BS EN 39:2001 or BS 1139-1-1 (as new condition)
Load Bearing Scaffold Fittings to comply with BS EN 74:2005 Class A as a minimum (unless otherwise stated)
Scaffold Boards to BS 2482:2009 (38mm depth x 225mm width)

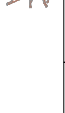
LEGEND

-  scaffold tube on plan
-  scaffold tube on elevation
-  scaffold tube as section brace
-  scaffold tube as plan brace
-  scaffold board on plan
-  scaffold board section
-  TG20 compliant unit transom elevation
-  TG20 compliant unit transom elevation



DENOTES ALUMINIUM 450mm LATTICE BEAM
TOP CHORDS TIED AT 1.00m crs
BOTTOM CHORDS TIED AT 2.00m crs
PLAN BRACED & SECTION BRACED AS DETAILED


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WORKING DRAWING
ISSUED FOR CONSTRUCTION
Job Title
3D Scaffolding - Power Hall - Science and Industry Museum, Manchester
Drawing Title
Internal Mat to Crane Within Power Hall - Dwg for Load Discussion Only
Scaffold Contractor to arrange to print drawings on correct paper size as indicated.
Scale 1:100 @ A2 Date 06/11/2019 Drawing Number 19-BSD-337-01 Rev A
Drawn By Oliver Turner

Rev	Date	Description	Checked	Drawn
A	28/1/20	Updated to Working	PB	OJT