

The Drax Power (Generating Stations) Order

Land at, and in the vicinity of, Drax Power Station, near Selby, North Yorkshire

Pedestrian Bridge Plan



The Planning Act 2008
The Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009 – Regulation 5(2)(o)

Drax Power Limited

Drax Repower Project

Applicant: DRAX POWER LIMITED
Date: May 2018
Document Ref: 2.8
PINS Ref: EN010091

Document History

Document Ref	2.8
Revision	A
Document Owner	Drax Power Limited

The Pedestrian Bridge Plan was also submitted to Selby District Council as part of a planning application (reference 2010/0183/FUL) made under the Town and Country Planning Act 1990 (as amended), decided on 23 April 2010. The planning application is for the following development:

“Change of use from agricultural land to a temporary car park to provide replacement car parking, the erection of 2.5m Heras security fence around the perimeter of car park and the erection of 10m high lighting columns and erection of a temporary pedestrian footbridge”.

The permission has not been implemented and has now lapsed.

When scaling off drawing to produce load lists, please ensure paper size is as stated in the title block

GENERAL NOTES

This drawing is confidential and the exclusive property of Dixon Scaffolding (Transmission) Ltd. No unauthorized use, copy or disclosure is to be made without prior written consent and it is to be returned upon request.

All plant supplied is subject to our conditions of Contract. Hire as applicable

This drawing has been prepared from details supplied and/or explained on site to ourselves by the customer who should check we have correctly interpreted his requirements and that all locations, details, clearances, loadings, erection and striking sequences where indicated etc. are correct and practicable. No alterations to any detail shown to be made without reference to Dixon Scaffolding (Transmission) Ltd.

Our design assumes ground conditions are suitable for sustaining all loads from uprights pitched on M.S. baseplates with 38mm thick base pads beneath and of holding ground anchorage as detailed when maximum design loads are applied.

No sheeting/cladding whatsoever, unless already shown should be attached to scaffold without written permission from Dixon Scaffolding (Transmission) Ltd.

Under no circumstances are guy ropes, catenary ropes, netting, anchorage, boarded platforms, and scaffold structure to be altered or interfered with in any way whatsoever without written permission from Dixon Scaffolding (Transmission) Ltd.

The client is to design, supply and fix all necessary auxiliary equipment and ensure that such equipment is capable of safely transmitting loads to uprights axially.

This drawing assumes all loads will be applied to tubes axially unless stated otherwise.

Site conditions, obstructions, topography and ground levels shown on this drawing are approximates only and therefore may vary from those encountered on site at time of erection. This may mean slight variations to scaffolds as shown on this drawing. In this event all clearances, longitudinal wind bracing to upright ratios and nominal maximum centres for uprights, diagonal crossbracing, guy ropes and catenary ropes of approximately 3.00m (10'-0") will not be exceeded.

Scaffold stability designed in accordance with NGT standard TGN (E) 190 - Issue 1 - (Overhead Lines) "Design and Use of Temporary Scaffold Guards" also to BS EN 12811 - 1 : 2003 and also to BS 5973 : 1993 where applicable

SCAFFOLD SPECIFICATION

Scaffold built from tubular materials and fittings conforming to BS EN 39 : 2001 and BS EN 74 - 1 : 2005 also to BS 1139 where applicable
Unless otherwise stated steel galvanized tube to be used.

Scaffolds built with loadbearing fittings, except intermediate bearers below platform level and boards fixed with non-loadbearing fittings.

Ledger and upright joints to be staggered using sleeve couplers where practicable. Joints to windbracing to be spliced with tube and one number fitting each side of joint. Front upright joints spliced with tube and fittings as shown on drawing. Any joints to other uprights and ledgers not staggered can be spliced at alternative positions.

Check fittings fixed as necessary to fastening off positions of guy ropes and catenary ropes (minimum one number fitting plus one number check fitting) also to front top ledger.

Boards clipped to prevent movement.

Netting:
305mm (12") approx. square mesh polypropylene or nylon netting with border cord breaking strength 5.4 kN and mesh cord breaking strength 2.2 kN. Netting supported on 9mm dia. catenary ropes strung between scaffolds at upright positions maximum 3.00m (10'-0") centres. Netting clipped to end catenary ropes and to intermediate catenarys as shown on drawing

Wire Ropes:
Used for guy ropes and catenary ropes to be 9mm diameter 6 x 19 (12/6/1) R.H ordinary lay fibre core of 1770 tensile grade with minimum breaking (4.48 tonnes) 43.93 kN and mass of 27.2 Kg per 100.0 metres.
SWL to be 14.64kN with factor of safety 1:3

Molex Type Ground Anchors:
Unless stated otherwise to be 1.20m long shaft x 200mm diameter screw blade for securing guy ropes. If possible two or more tied together with tubes threaded through eyes of rope and anchor.
Wire ropes eyes to be positioned around tubes adjacent to molex eye fittings to be used on tubes against molex eye to maintain positioning

Scaffold guards to be suitably earthed in accordance with NGT standard TGN (E) 190 - Issue 1 - (Overhead Lines) "Design and Use of Temporary Scaffold Guards"

Where facilities are not available for operatives to clip on, consult the N.A.S.C. guidance note SG4:05

A	DIFFERENCE IN GROUND LEVELS NOW SHOWN DRAWING STATUS: NOW WORKING DRAWING	26/03/10	N. GEDDES	D. HACKING
REV/N	AMENDMENTS	DATE	AMENDED BY	CHECKED BY

Drawing status:

WORKING DRAWING

(All dimensions in Metres)

Do not scale - if in doubt ask



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TITLE
DRAX POWER STATION
TEMPORARY FOOTBRIDGE

CLIENT
ELECTRICITY ALLIANCE EAST

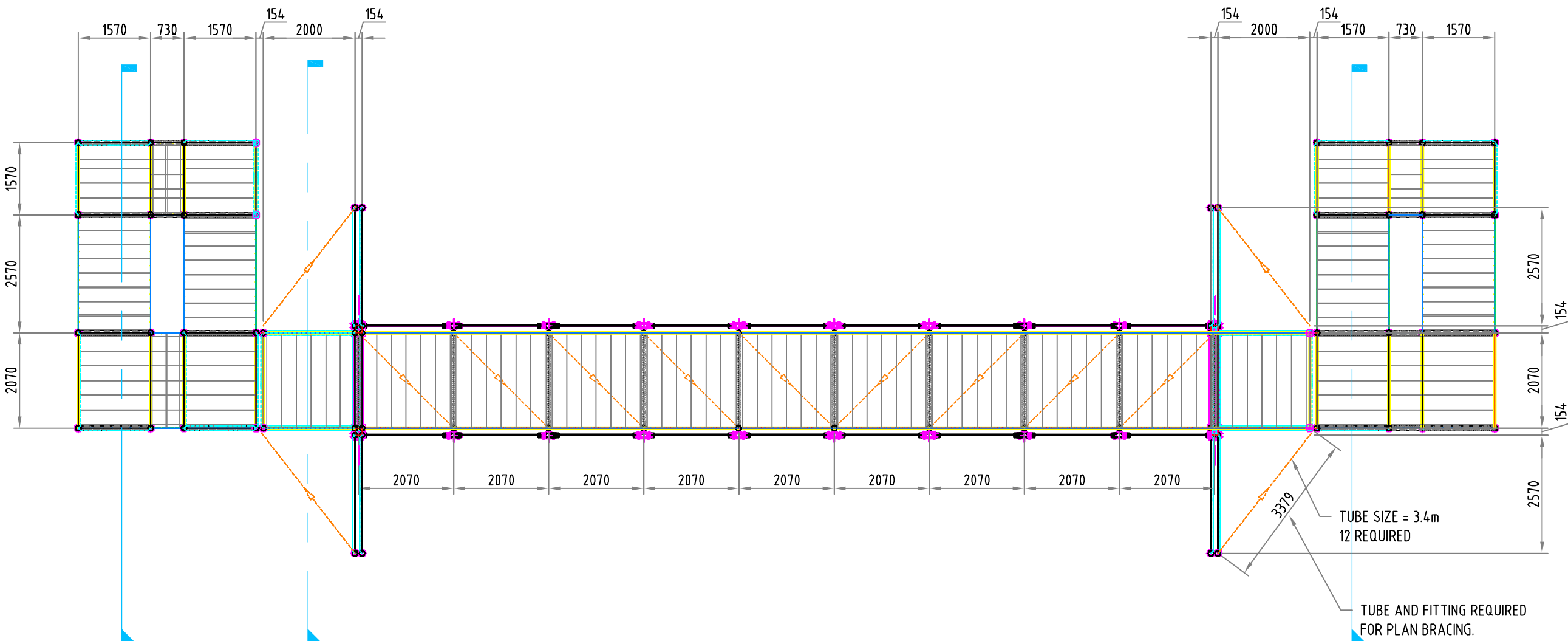
DRAWN BY
D. ROGERSON

CHECKED BY
D. HACKING

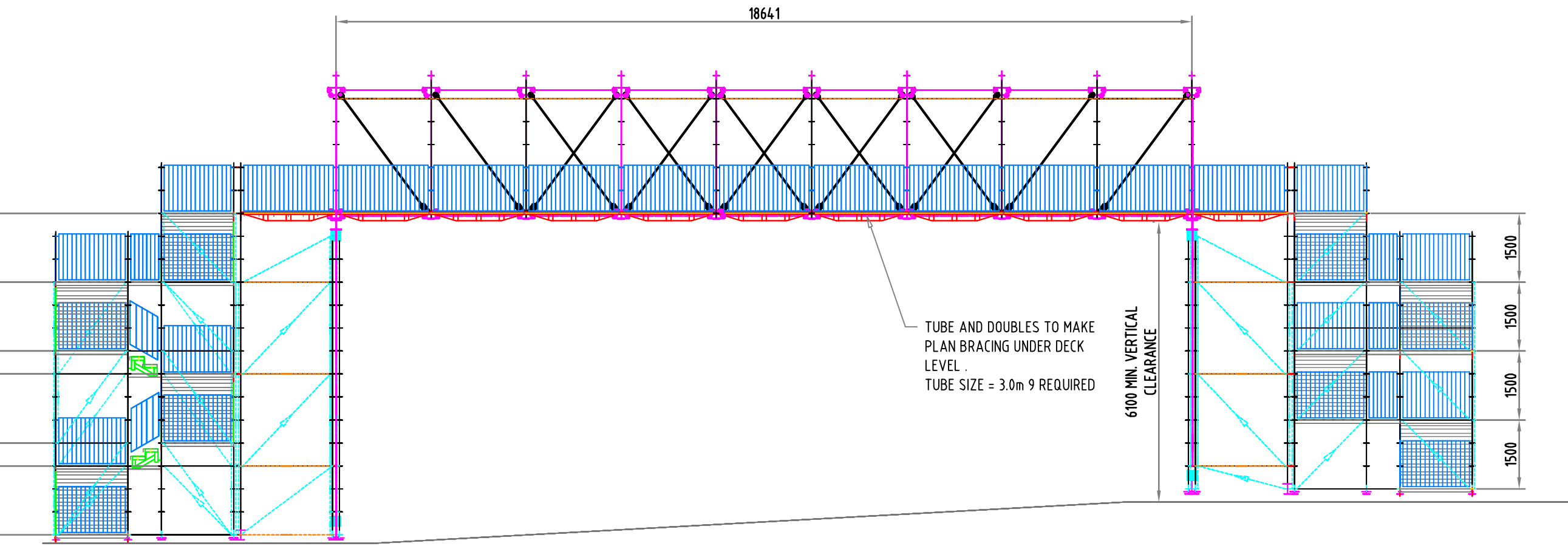
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02/03/10

SCALE
AS SHOWN

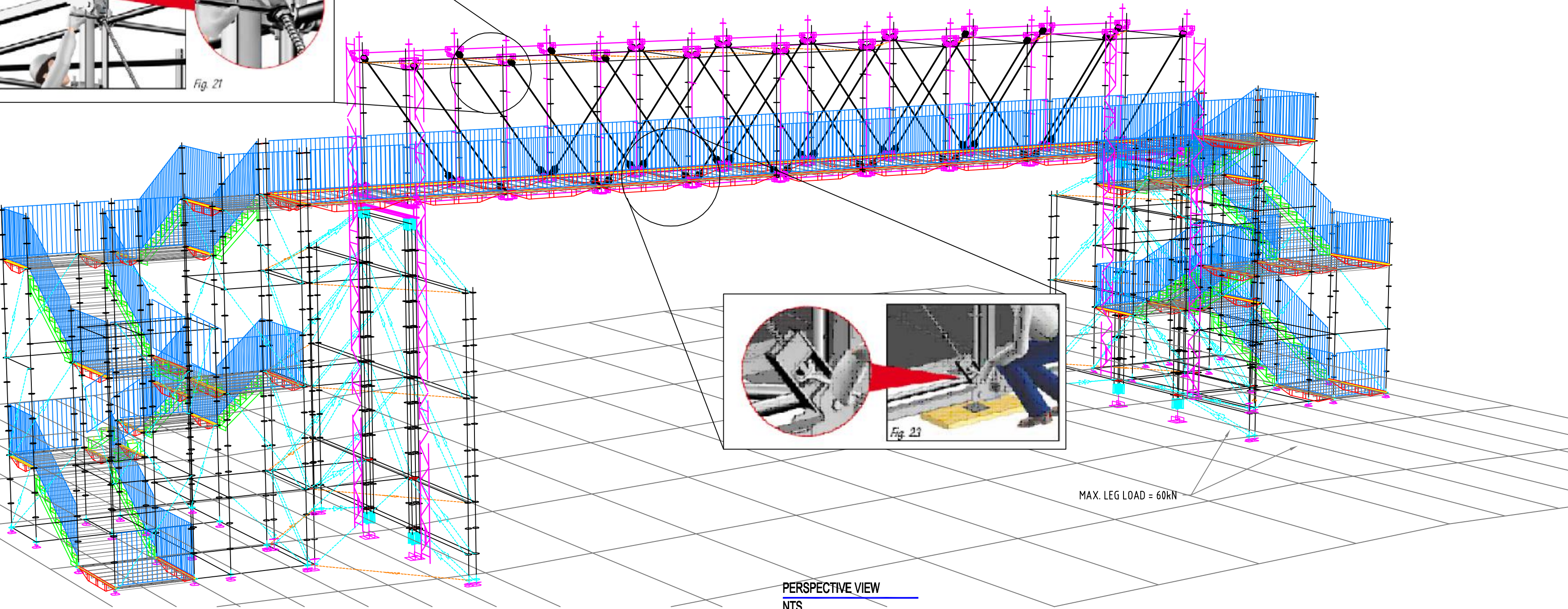
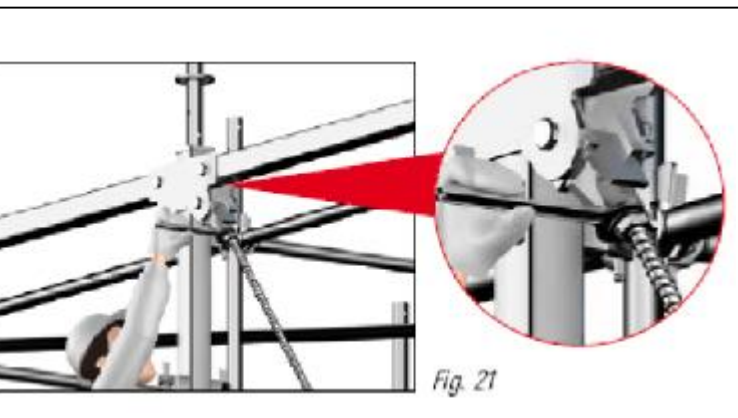
DRAWING No.
DST/1883/1/A



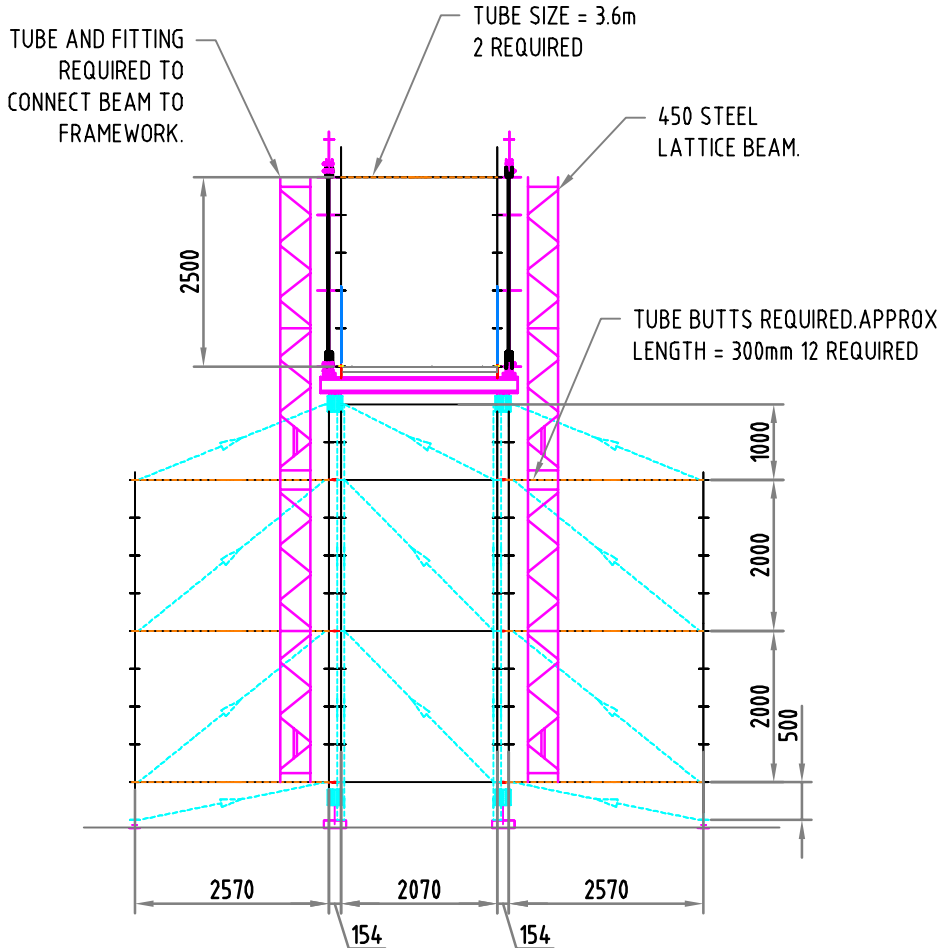
PLAN
1:100



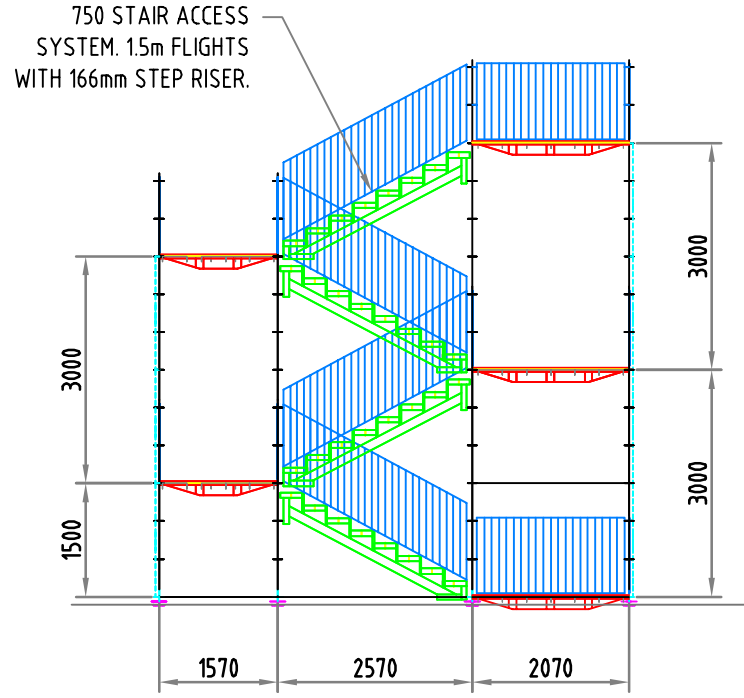
FRONT ELEVATION
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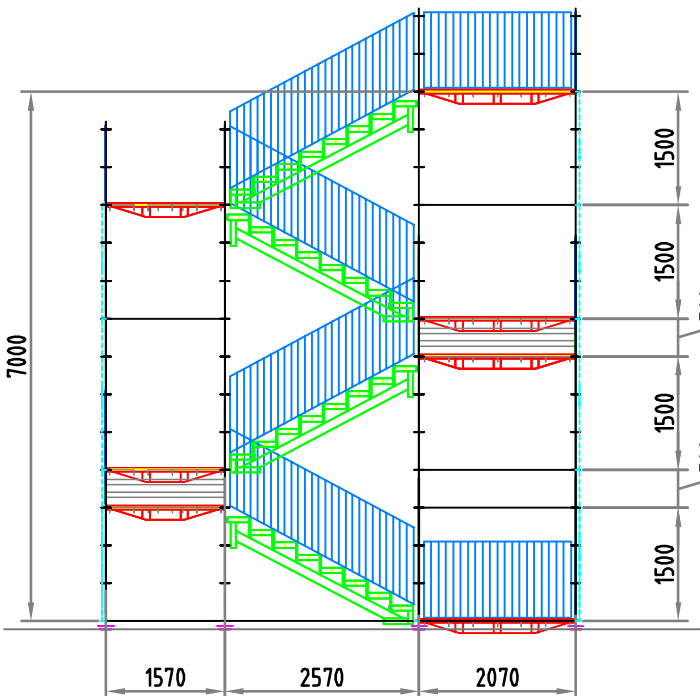
PERSPECTIVE VIEW
NTS



SECTION B-B
1:100



SECTION C-C
1:100



END ELEVATION
1:100

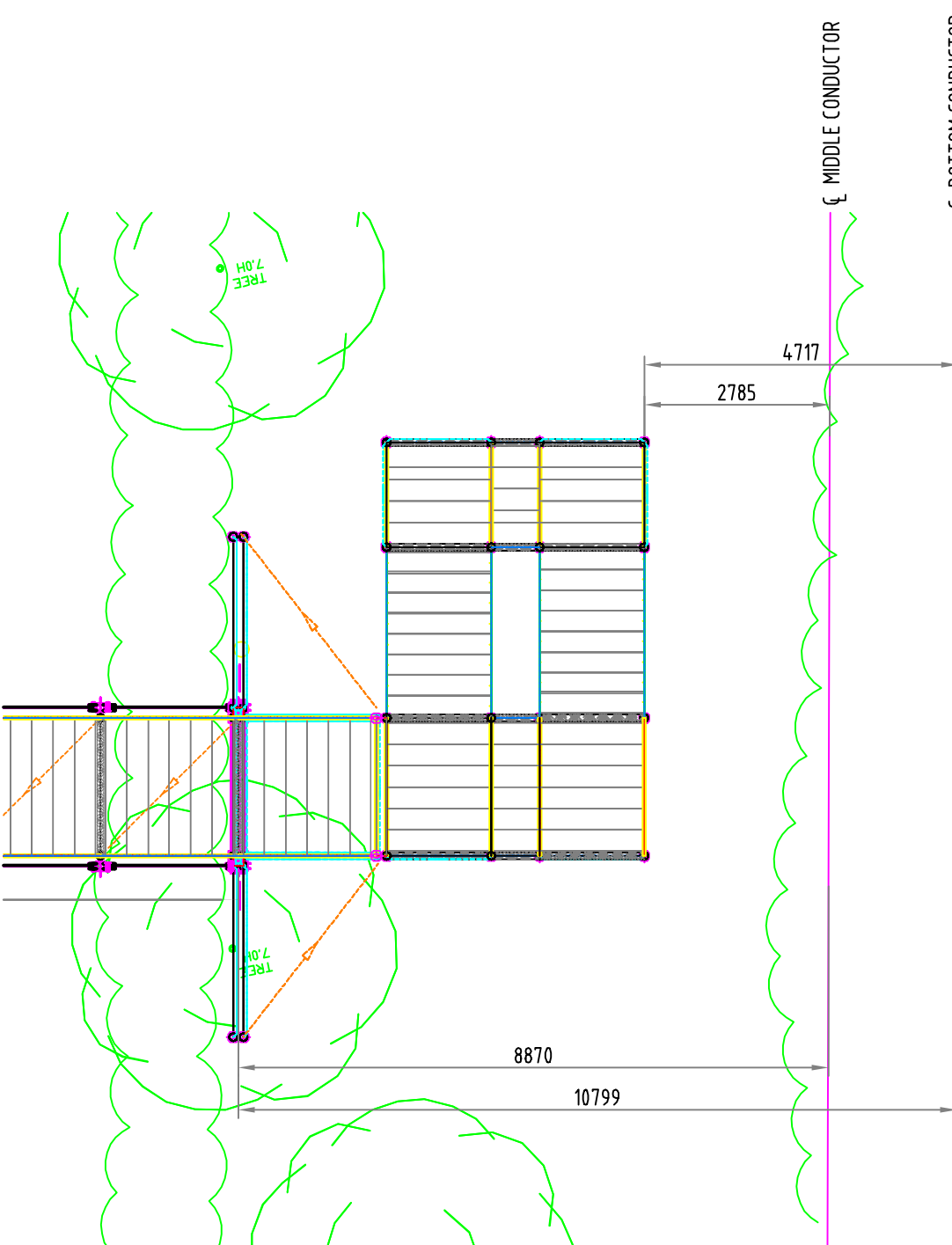
NOTES:

IMPOSED LOAD NOT TO EXCEED 5kN/m²

THIS SCHEME IS TO BE USED IN CONJUNCTION WITH ORIGINAL LAYHER MATERIAL ONLY AND IS NOT SUITABLE FOR USE WITH ANY IMITATION MATERIAL.

TO BE ERECTED IN COMPLIANCE WITH LAYHER ALLROUND ERECTION MANUAL [811.230] AND TO BS EN 12811

DESIGN DRAWING & CALCULATIONS FOR DIXON SCAFFOLDING (TRANSMISSION) LTD PREPARED BY LAYHER LTD



PLAN SHOWING PROXIMITY TO O.H.L.
1:100