

A person in a dark blue and red striped shirt is pointing with a silver pen at a computer monitor. The monitor displays a complex technical diagram, likely a circuit board layout or a schematic. In the foreground, another person's hands are visible, one pointing towards the monitor and the other resting on a desk. The background is slightly blurred, showing a whiteboard with some faint markings.

Fall Protection Visualizer User Guide

Internal Technical Team



Introduction

Welcome to our SFS Fall Protection Visualizer tool.

This tool is designed to help you create horizontal lifeline solutions for your next project. It's intuitive design makes it easy to use and will provide you with a tailored project-specific system solution.

What you get?

- View your project details and see the system layout on your project drawings
- Creates a list of products and quantities needed for your project
- Ability to save and work on multiple projects
- Quickly amend and update current projects
- Download your full report easily and quickly
- Access technical performance details specific to your project
- Additional support, ready when you need it.

We have created this guide to ensure you get the most out of our Fall Protection Visualizer tool, however, should you need further support, please do not hesitate to get in contact with us.

Customer Support
E ukenquiries@sfs.com
T +44 (0)330 0555 888
www.uk.sfs.com



New Project

Project Name: *

Roof Type *

Building Height (m): *

Roof Material *

Maximum Number of Users: *

Maximum number of user 4. This figure will be used to calculate the maximum load within 20%

Insulation Depth

 Tapered Insulation Uniform Insulation

Roof/Membrane Manufacturer

Roof Substrate

- Metal
- Timber
- Concrete

Roof Drawings *

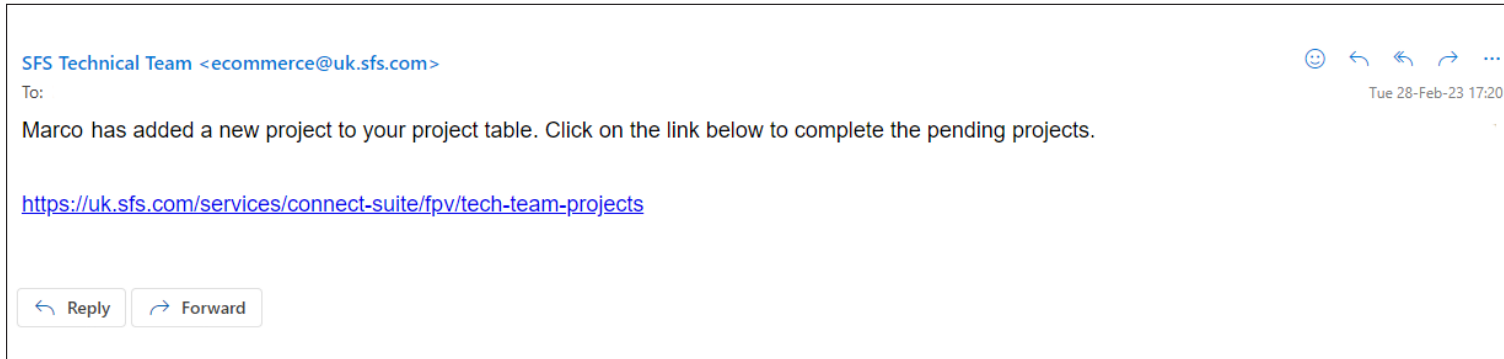
Upload a PDF file.

* Mandatory Field

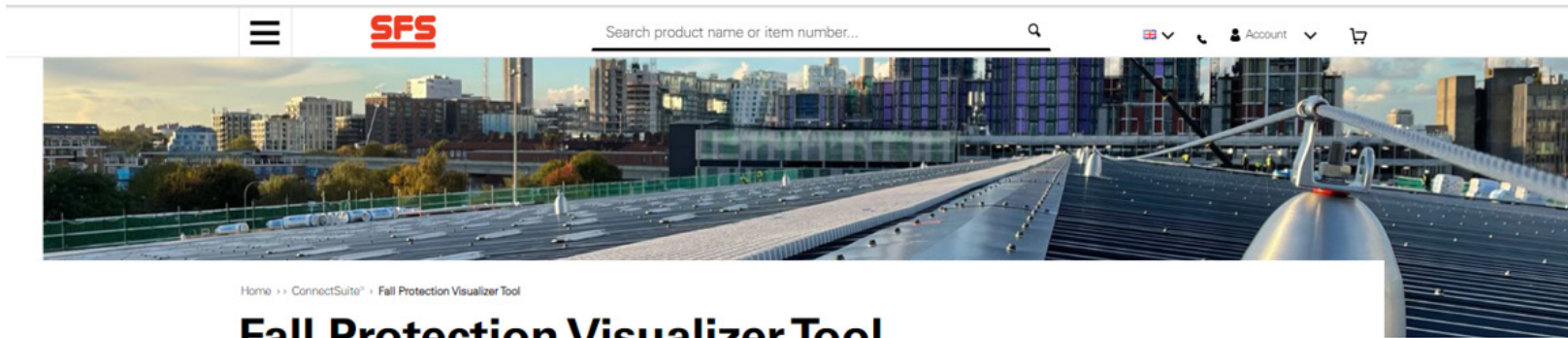
Customer Notes

The service is supplied to you without charge and is based upon the relevance and accuracy of the information provided. We provide no warranties that the results of your use of the web-based tool is accurate and it is your responsibility to ensure that any calculations and/or results are independently verified by a suitably qualified person. By clicking "Next" the user accepts SFS Group's Terms and Conditions for Provision of Goods and/or Services. [Terms & Conditions](#)

1. Any field with "*" are required fields and necessary to continue to the next page. If any of these fields are unknown, then a best guess should be applied with notes reflecting this in the "Customer Notes" section. Similarly, if the Number of Users is unknown then please apply 4 users as a default. Terms & Conditions must be accepted before proceeding with the tool.



2. The Technical team will then receive an email to say a project has been completed. The email will contain a link to the Fall Protection Visualizer Homepage.



Home >> ConnectSuite® > Fall Protection Visualizer Tool

Fall Protection Visualizer Tool

Welcome, we are the experts in Horizontal Lifeline solutions

The Fall Protection Visualizer tool is designed to help you build horizontal lifeline solutions for your next project. Its intuitive design makes it easy to use and will provide you with a tailored project-specific system solution.

We have created a video and pdf guide below to ensure you get the most out of the tool, however, should you need further support, please do not hesitate to [get in touch](#).

— Get Started



Technical Team Projects →

3. Once in the Fall Protection Visualizer Homepage, select 'Technical Team Projects'.

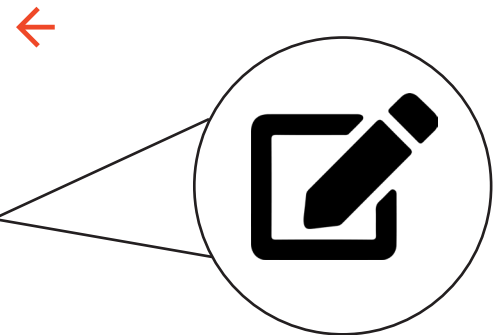
Account

SFS Search product name or item number... 0 product(s)

Products Systems Knowledge Hub Services About SFS ConnectSuite® File Upload

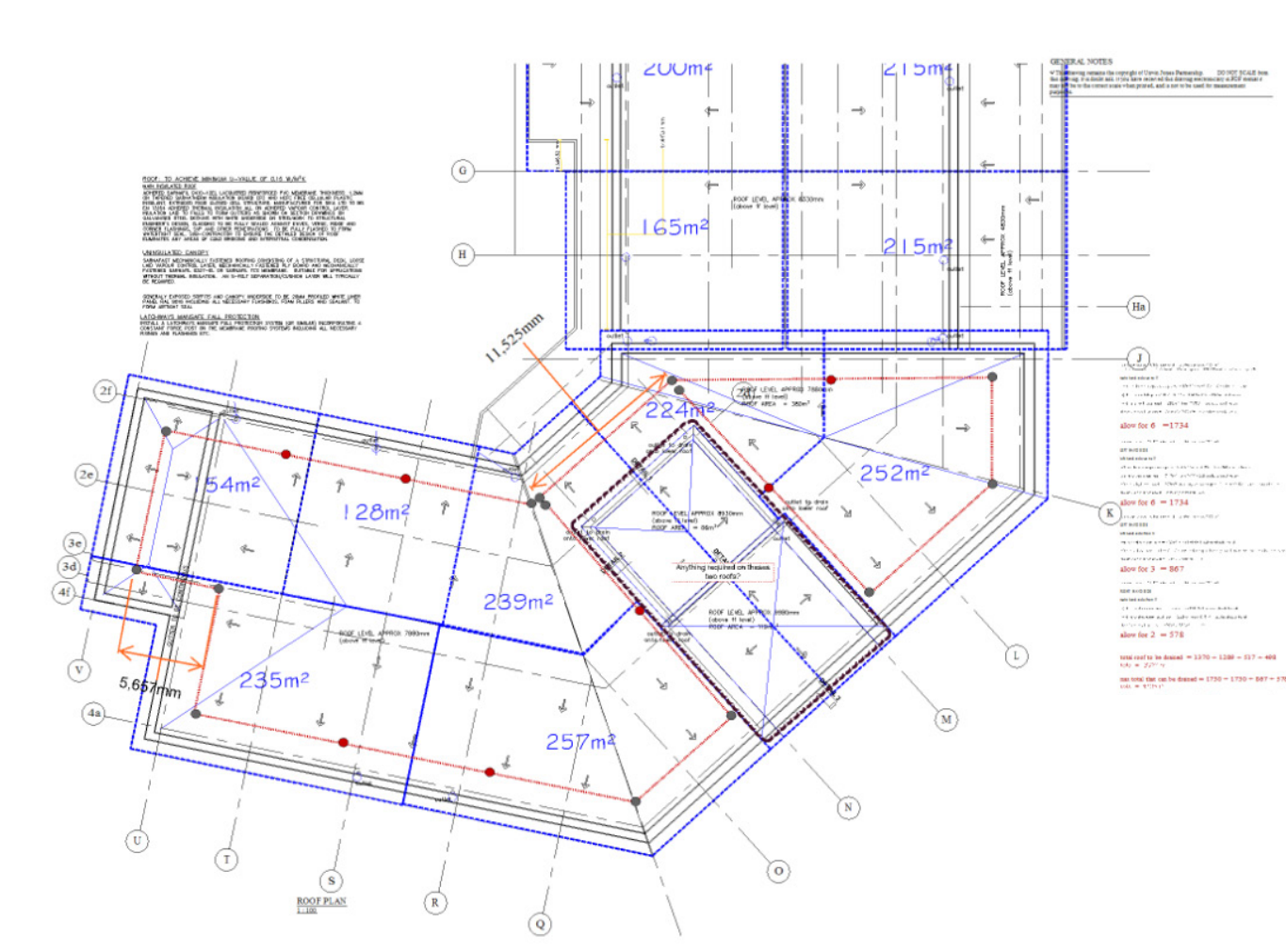
Home >> ConnectSuite® > Fall Protection Visualizer Tool > Tech Team Projects

	Name	Version	Last Updated	Status	
<input type="checkbox"/>	Roof Plan 4 (SFS2373)	1	2022-05-05 09:47:03	pending	
<input type="checkbox"/>	Test Project (SFS2374)	0	2022-05-18 15:41:00	pending	
<input type="checkbox"/>	Test Project (SFS2387)	0	2022-05-20 09:14:05	pending	
<input type="checkbox"/>	Test Project - Architect (SFS2390)	0	2022-05-20 10:22:43	pending	
<input type="checkbox"/>	Test Project - Architect (SFS2392)	0	2022-05-20 10:47:17	pending	
<input type="checkbox"/>	Test Project (SFS2393)	0	2022-05-20 10:51:20	pending	
<input type="checkbox"/>	Test (SFS2402)	0	2022-05-26 09:08:28	pending	
<input type="checkbox"/>	Test Project (SFS2408)	0	2022-06-14 13:04:12	pending	
<input type="checkbox"/>	Test Project (SFS2410)	0	2022-06-14 13:22:07	pending	
<input type="checkbox"/>	Test Project Architect (SFS2416)	0	2022-06-15 10:21:36	pending	
<input type="checkbox"/>	Test Project Architect (SFS2418)	0	2022-06-15 12:14:53	pending	
<input type="checkbox"/>	Test Project (SFS2419)	0	2022-06-15 15:00:28	pending	
<input type="checkbox"/>	Test Project (SFS2420)	0	2022-06-15 15:17:10	pending	
<input type="checkbox"/>	Test Project (SFS2379)	4	2022-05-18 15:57:58	complete	
<input type="checkbox"/>	Test Project Architect (SFS2380)	1	2022-05-19 11:41:27	complete	
<input type="checkbox"/>	Test Project (SFS2388)	1	2022-05-20 09:16:45	complete	
<input type="checkbox"/>	Test Project (SFS2391)	2	2022-05-20 10:24:07	complete	



4. You will be taken to a page with a list of all projects, all projects with the Status, 'Pending' require completing. To complete a project, select the 'Edit' icon.

Irregular Roof Drawing



5. Before proceeding with the project, you need to review the roof drawing and decide whether it is "Regular" or "Irregular". "Irregular" roof drawings can not be plotted with the Visualizer tool and must be done manually. You must re-upload the roof drawing once it has been plotted using a third-party external tool.

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Set Scale

Insert Manual Data

Architectural drawing showing a fall protection system layout. The drawing includes a grid system with letters G, H, Ha, and J. Various areas are highlighted in blue and labeled with values: 200m², 215m², 165m², 215m², 224m², 252m², and 11,525mm. A red arrow points upwards from the 'Insert Manual Data' button towards the drawing.

Information Identifier:

N. Intermediate Posts

N. Highload Posts

Tot length Wire (m)

Min Span

Max Span

Length of Lanyard

Architectural drawing showing a fall protection system layout. The drawing includes a grid system with letters G, H, Ha, J, K, L, M, N, and V. Various areas are highlighted in blue and labeled with values: 200m², 215m², 165m², 215m², 224m², 252m², 54m², 126m², 239m², 235m², 257m², and 5,667mm. A red arrow points upwards from the 'Insert Manual Data' button towards the drawing.

6. Once the drawing has been re-uploaded, select "Insert Manual Data". A new page will open which will allow you to manually input system information.

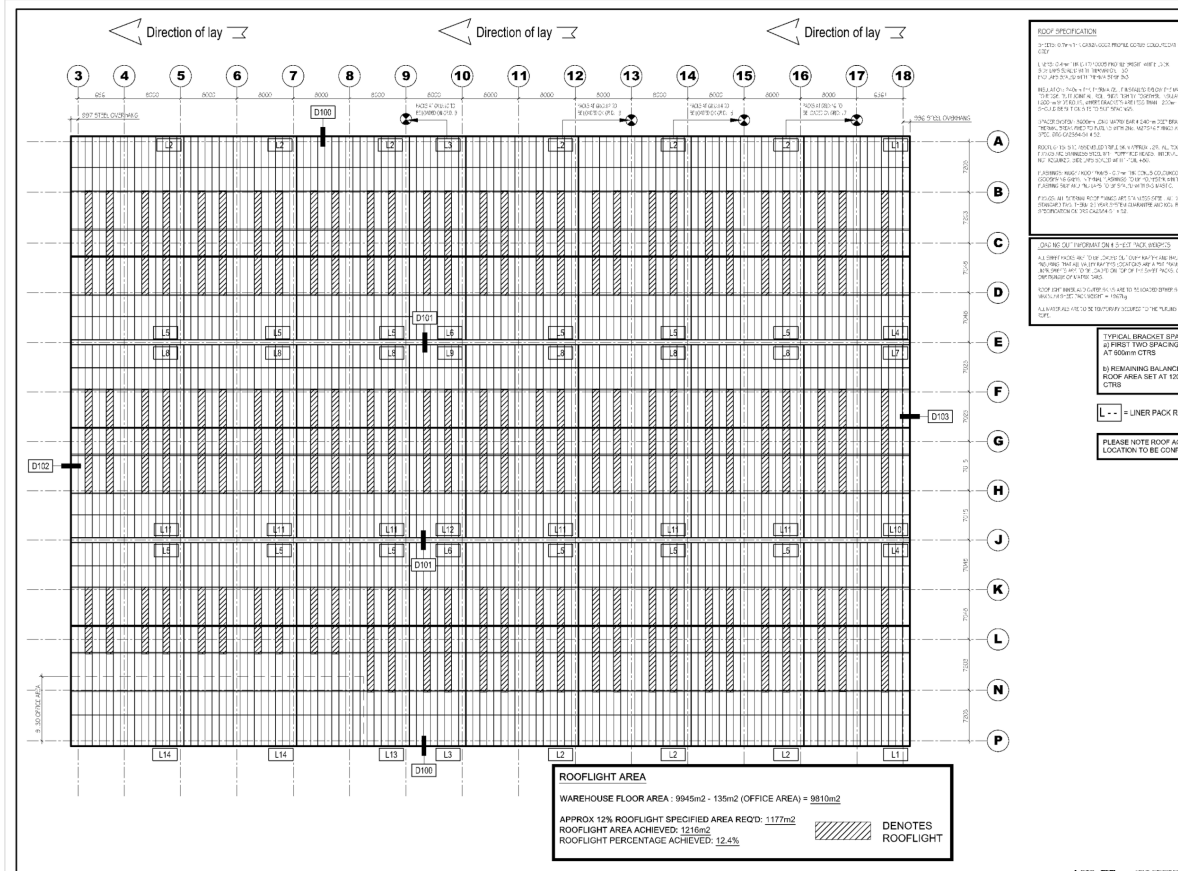
Roof Drawings

Acanth

+ -

Set Scale

↑



7. For Regular roof drawings, click on the 'Set Scale' button and plot two points against the scale on the drawing. Enter the corresponding distance into the input field and click on the 'Set Scale' button. To restart the process, click on the 'Reset Scale' button. If you are unsure, hover over the 'Set Scale' button to be prompted with a box of helpful instructions.

Roof Drawings

Acanth

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Re-center

Set Inset

Roof Identifier:

Add System

Calculate

Post Actions:

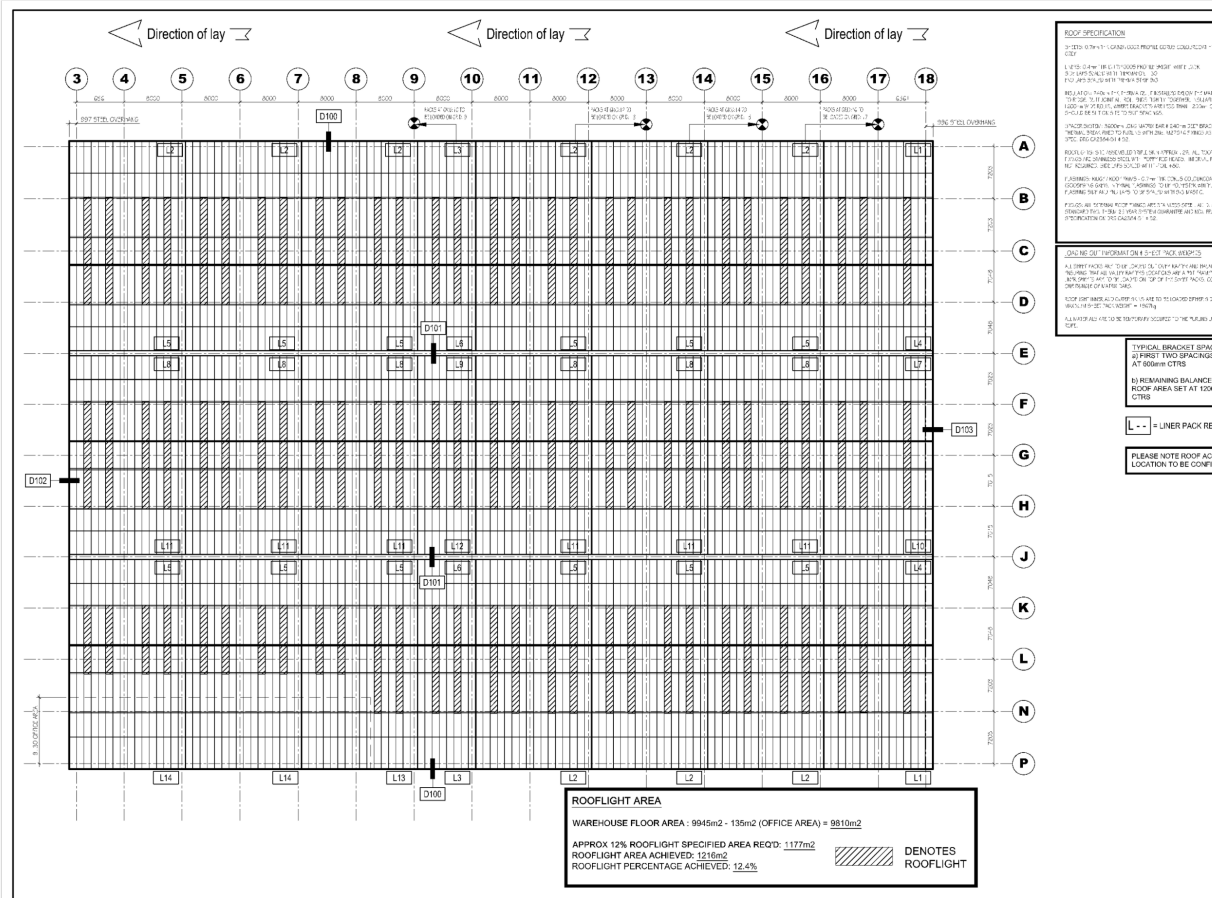
Clear Posts

Add Post

Plot Line

Post Module:

Interm



8. Click on the plotting tool you wish to use. To plot around the perimeter of the roof, use the 'Add System' tool. To plot a set of posts in a line, use the 'Plot line' tool and to plot a single post, use the 'Add Post' tool. If you are unsure what to use, hover over the buttons and you will be presented with a description and a set of instructions of how to use it.

Roof Drawings

Acanth ▾

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Re-center

Set Inset

Roof Identifier:

➔

Add System

Calculate

Post Actions:

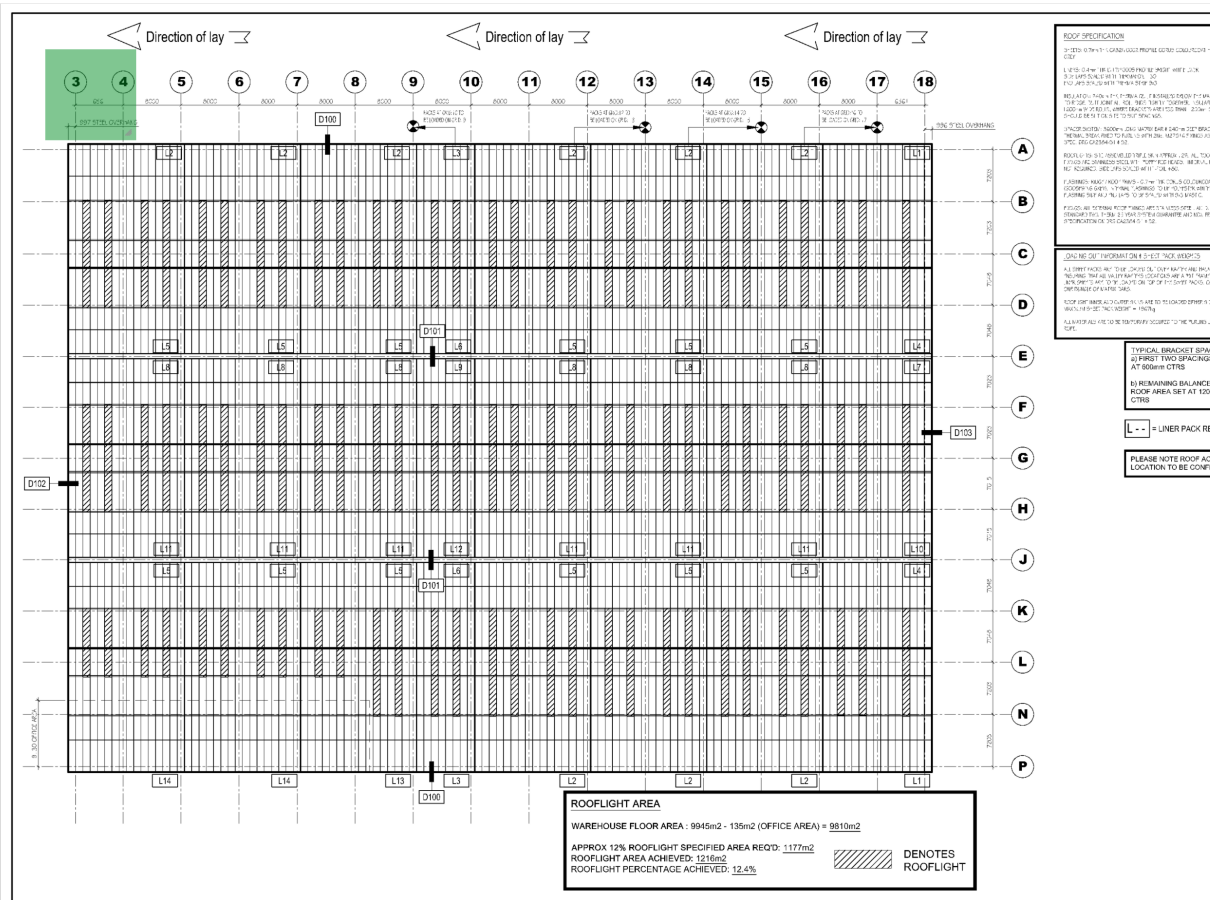
Clear Posts

Add Post

Plot Line

Post Module:

Interm ▾



9. To plot a system around a square drawing, click on the 'Add System' button. A green perimeter highlighter will appear, this can be dragged around the screen and expanded according to the building drawing.

Roof Drawings

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Re-center

Set Inset

Roof Identifier:

Add System

Calculate

Post Actions:

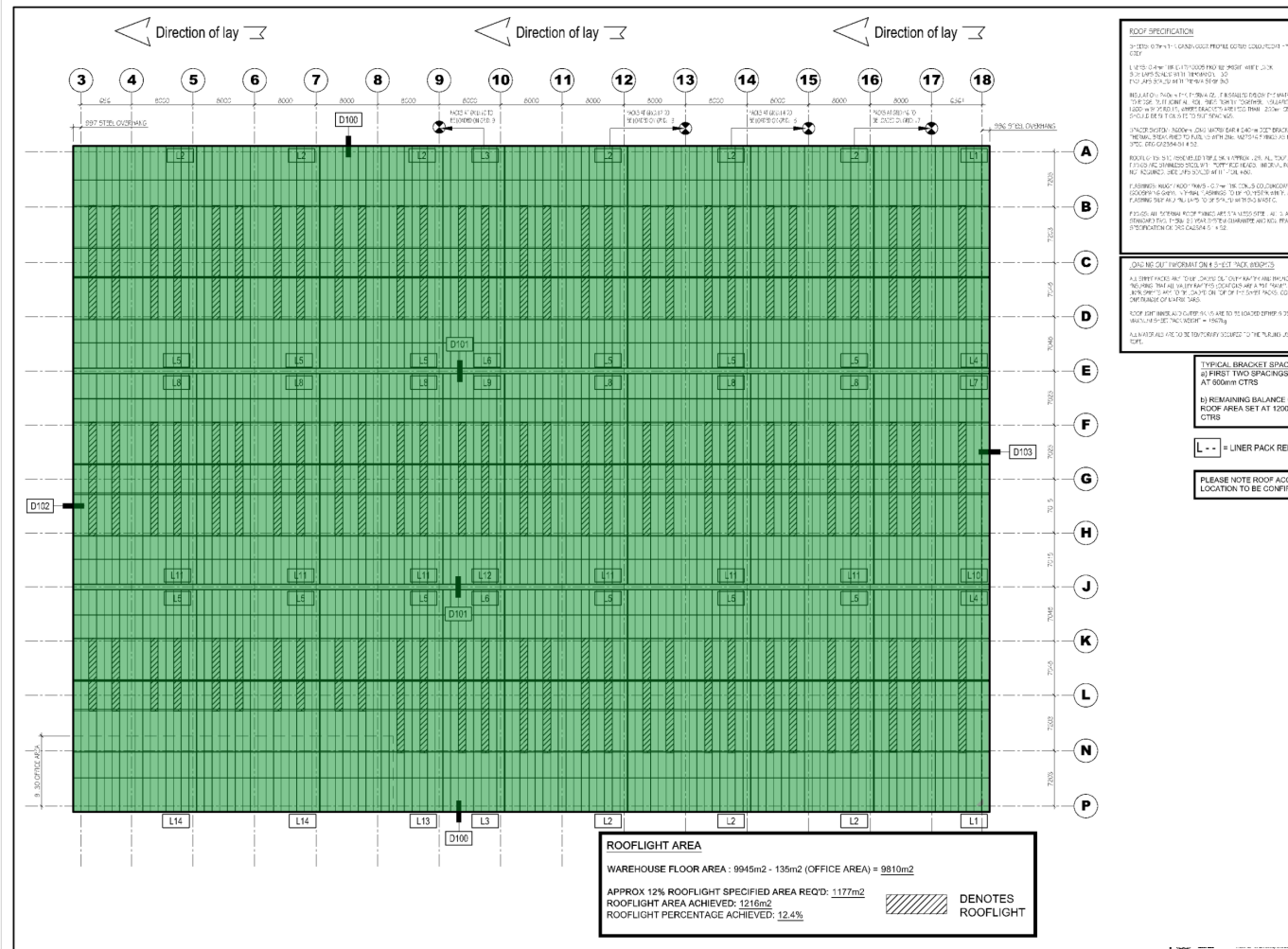
Clear Posts

Add Post

Plot Line

Post Module:

Intern



10. Drag the green perimeter highlighter over the building drawing.

Roof Drawings

Acanth

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Re-center

Set Inset

Roof Identifier:

Add System



Calculate

Post Actions:

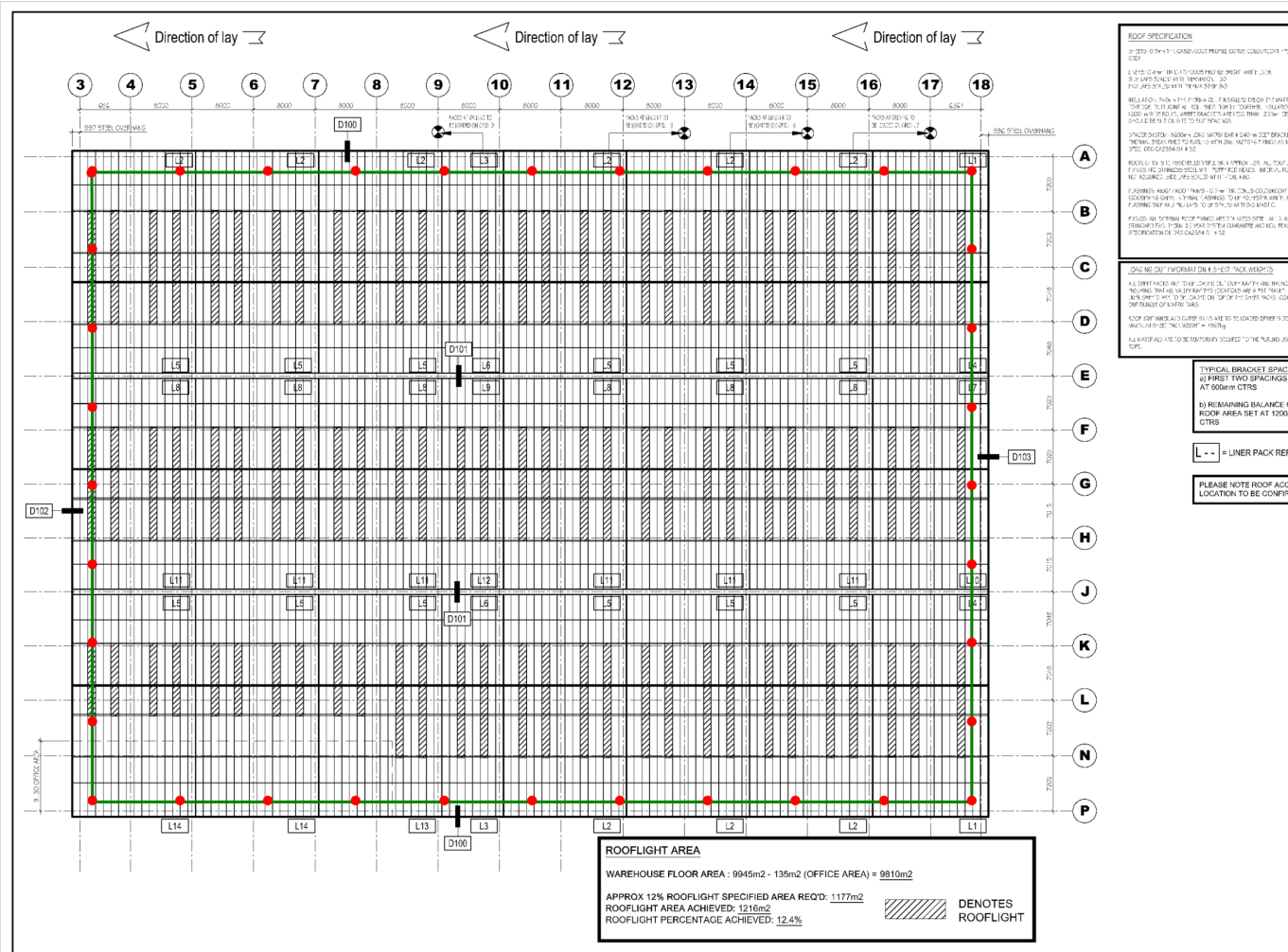
Clear Posts

Add Post

Plot Line

Post Module:

Interm



11. Click on the "Calculate" button and wait for the posts and lines to be plotted. Two posts are plotted in the top right hand corner, move them around into their desired positions. Once the system has been plotted, you will notice that this is 'inset' from the green perimeter highlighter. This 'inset' defaults to 2M and is upon a worker using a 1.75M lanyard. If this needs to be changed then select "Clear Posts" and alter the "Set Inset" accordingly.

Roof Drawings

Acanth

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Re-center

Set Inset

Roof Identifier:

Add System

Calculate

Post Actions:

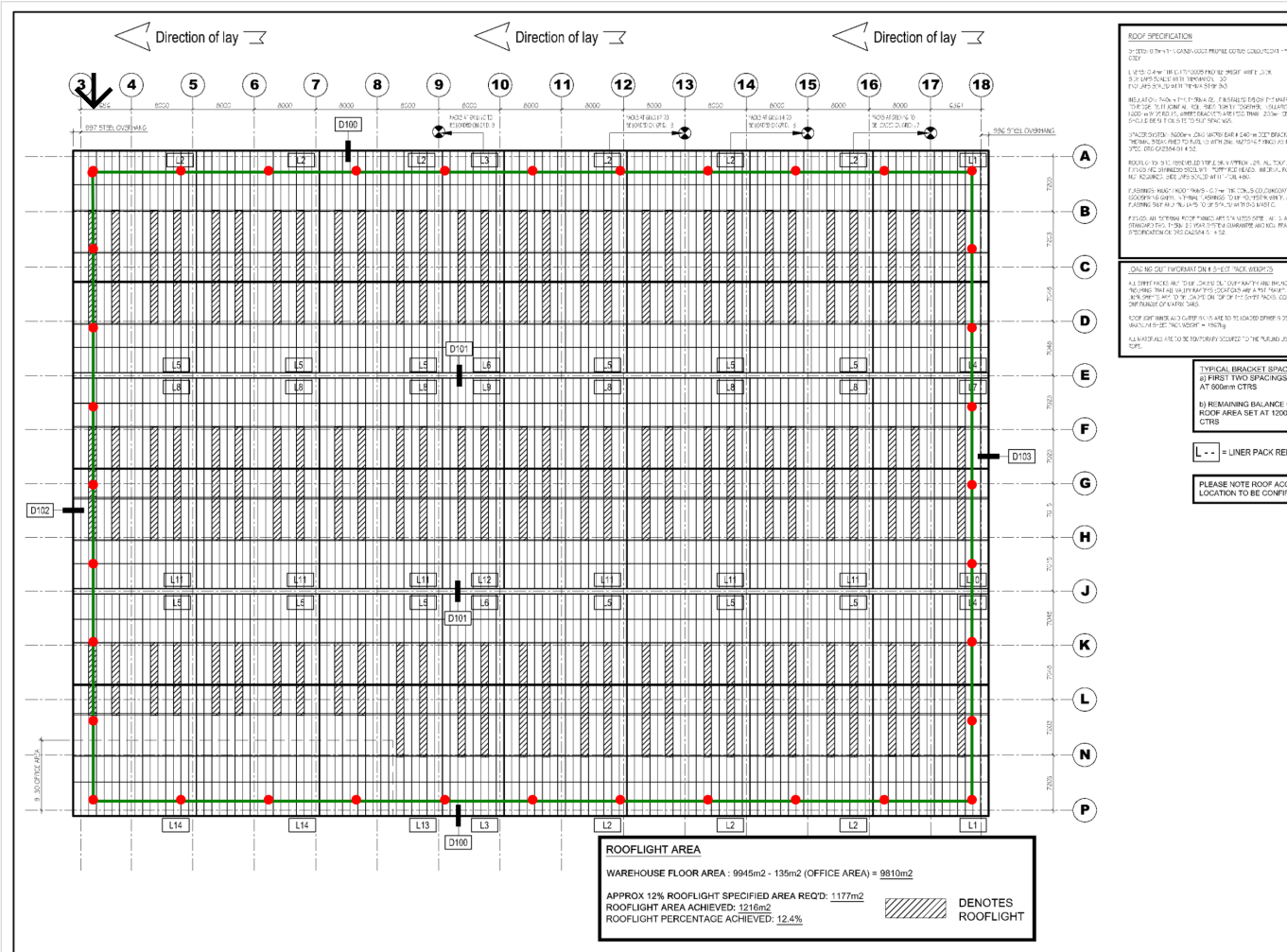
Clear Posts

Add Post

Plot Line

Post Module:

Interm



12. The posts will automatically be set to intermediate. To change a post's module, double click on the post and select the module from the "Post Module" dropdown.

Roof Drawings

Acanth

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Re-center

Set Inset

Roof Identifier:

Add System

Calculate

Post Actions:

Clear Posts

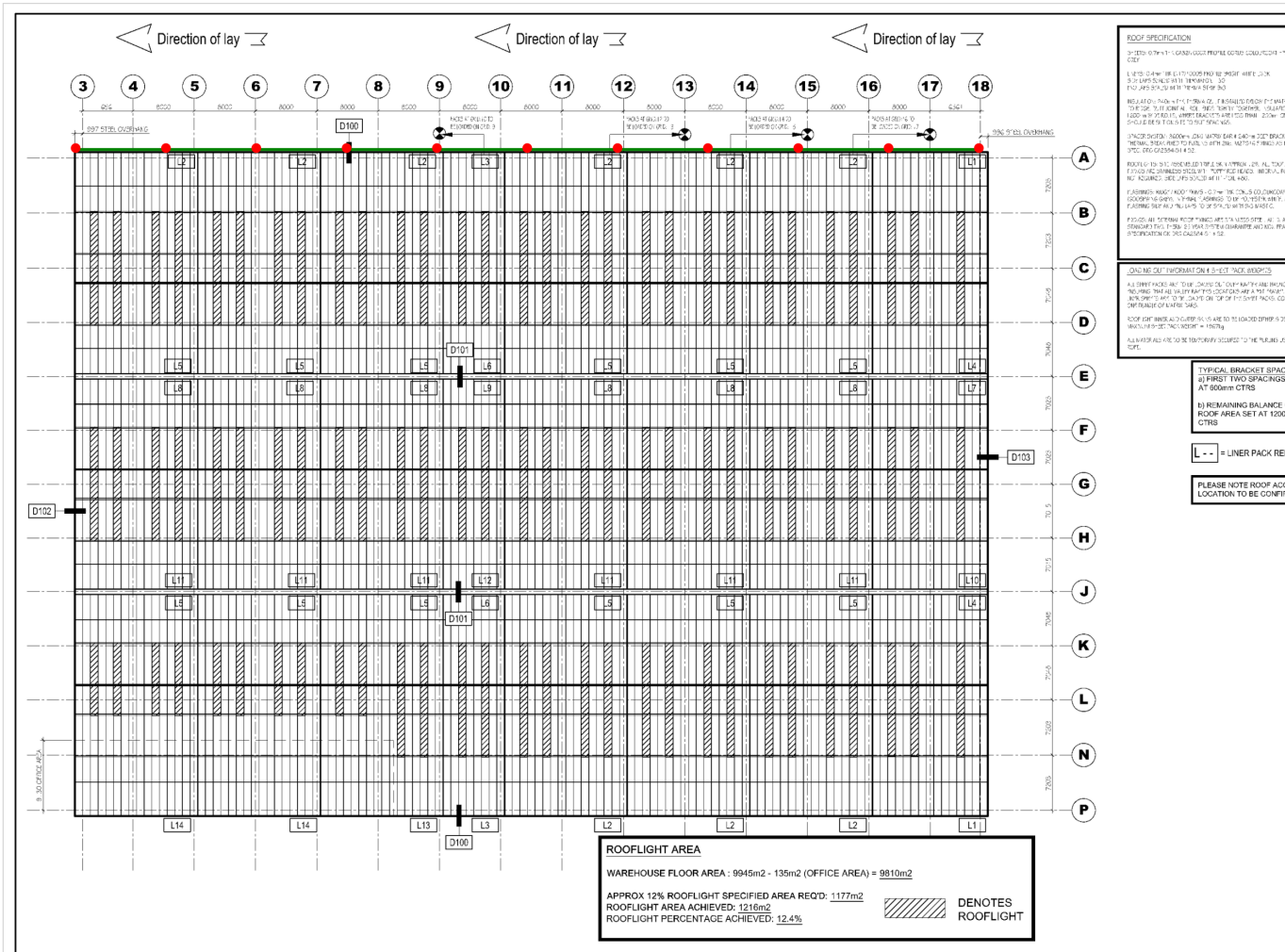
Add Post



Plot Line

Post Module:

Intern



13. To plot a line of posts, click on the "Plot line" button and plot two posts on the drawing to mark the start and the end of the line. Once positioned, the Visualizer Tool will automatically plot the system between the two posts.

Roof Drawings

Acanth ▾

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Re-center

Set Inset

Roof Identifier:

Add System

Calculate

Post Actions:

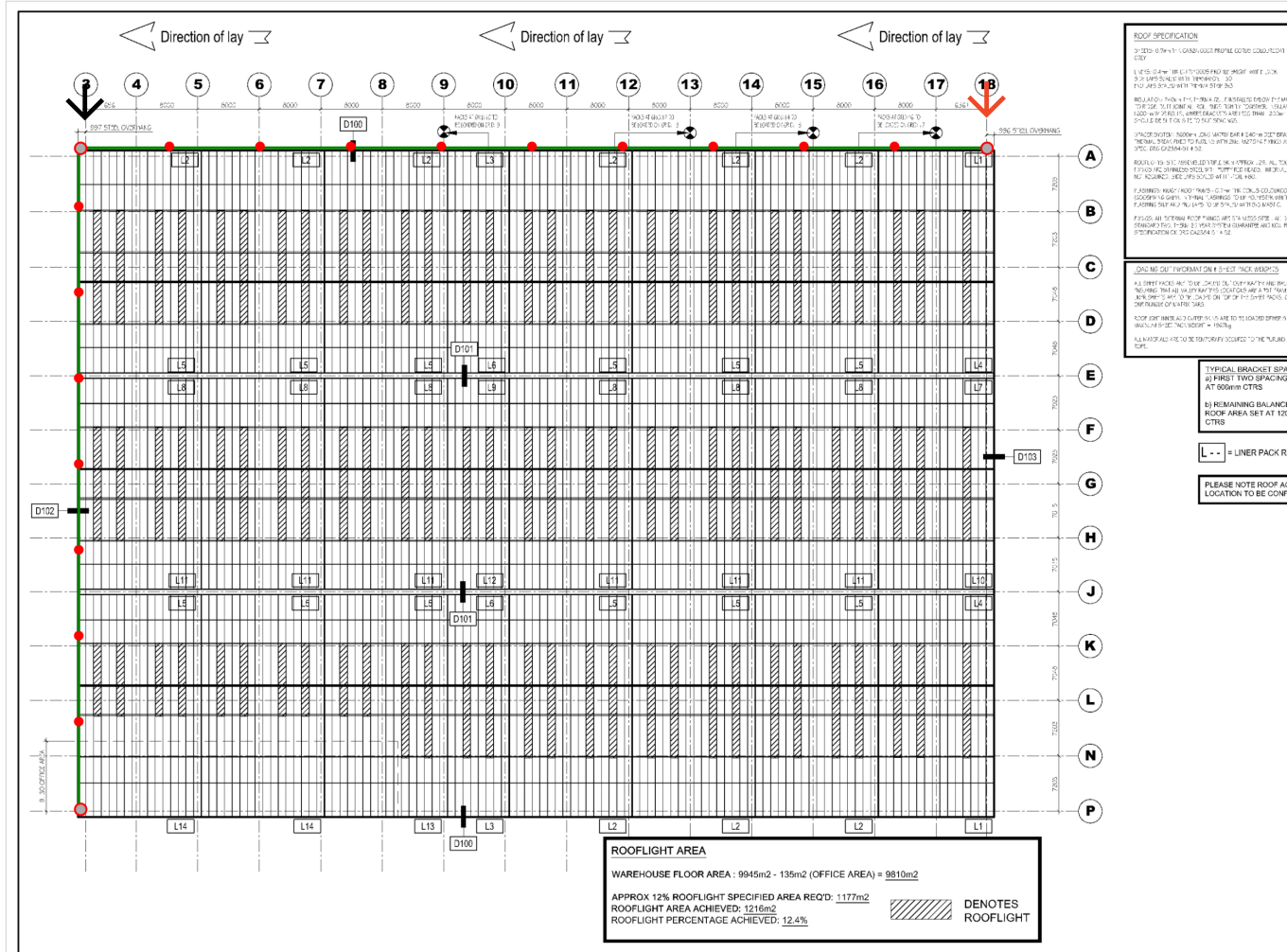
Clear Posts

Add Post

Plot Line

Post Module:

Highload ▾



14. To join two lines of posts together, **double click** on a post (it should go green). Then **double click** on the post that you want to join the first post onto.

Roof Drawings

Acanth

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Re-center

Set Inset

Roof Identifier:

Add System

Calculate

Post Actions:

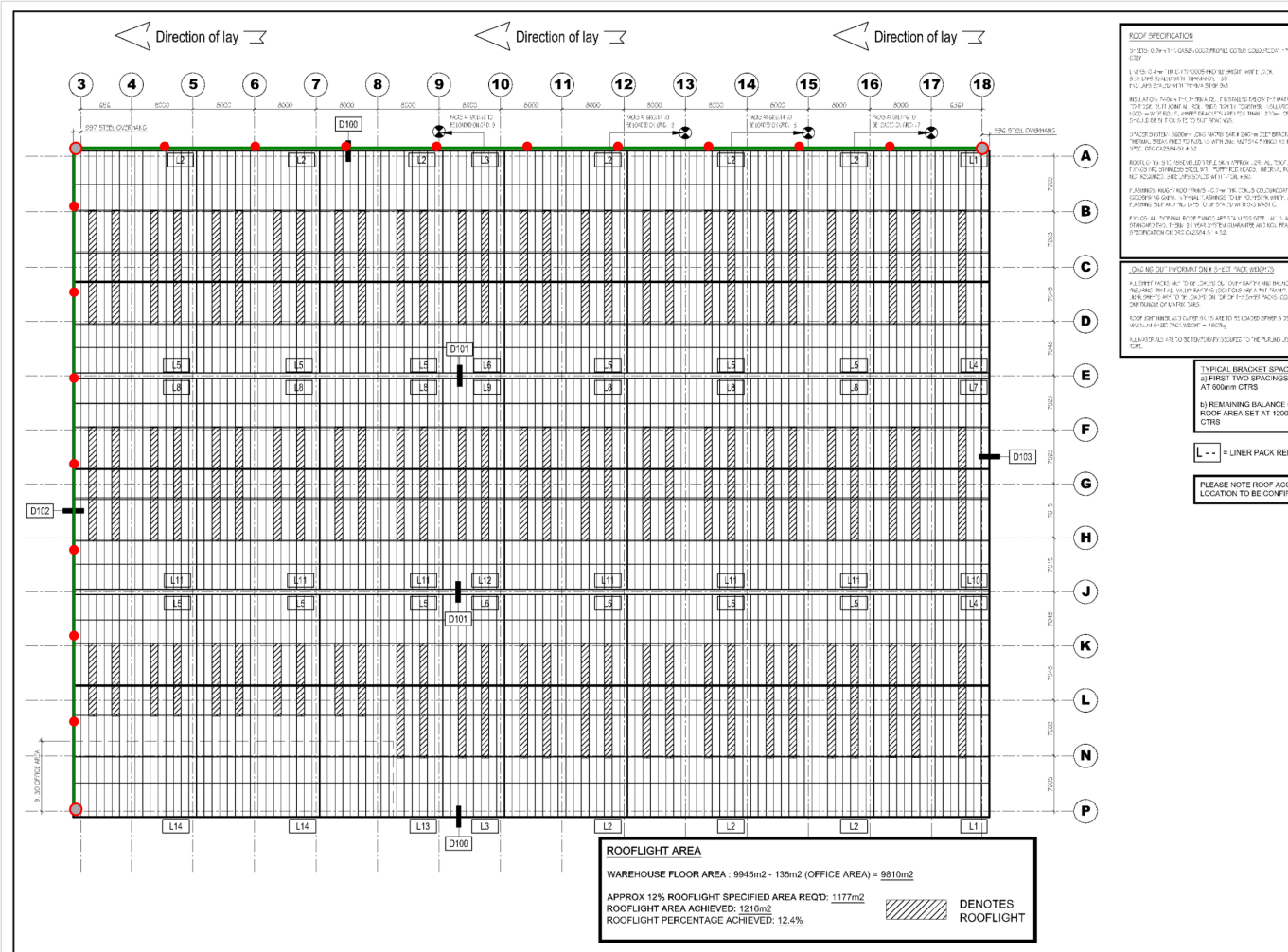
Clear Posts

Add Post

Plot Line

Post Module:

Highload



15. The posts will automatically be set to intermediate. To change a post's module, double click on the post and select the module from the "Post Module" dropdown.

Acanthus Park, Unit ▼

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Re-center

Set Inset

System Identifier:

Add System

Add System Guide

Calculate

Post Actions:

Clear All Posts

Add Post

Plot Line

Post Module:

Intermediate ▼

Back

16. To add a System Guide around the drawing, click on the “Add System Guide” button.

Acanthus Park, Unit ▼

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Re-center

Set Inset

System Identifier:

Add System

Add System Guide

Calculate

Post Actions:

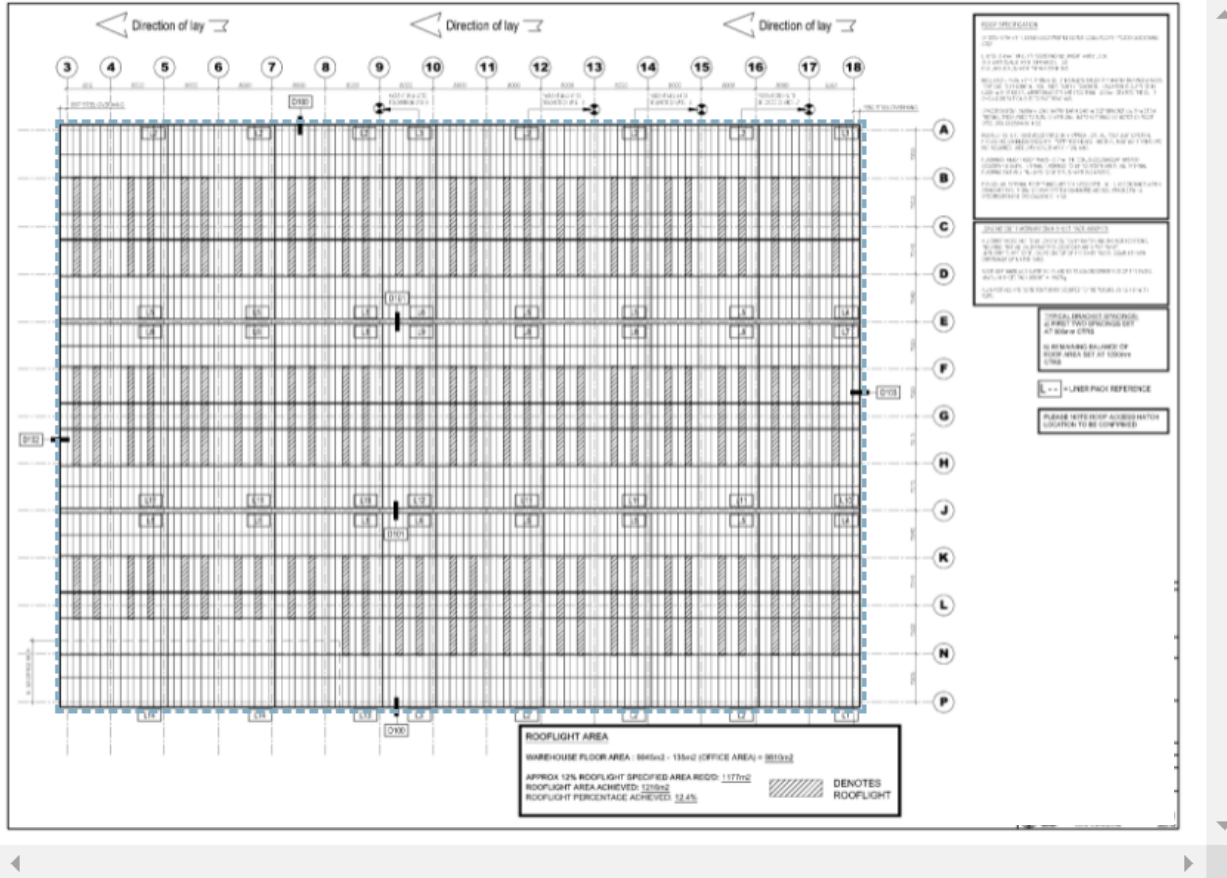
Clear All Posts

Add Post

Plot Line

Post Module:

▼



17. Drag the dotted box around the drawing.

Acanthus Park, Unit
▼

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Re-center

Set Inset

System Identifier:

Add System

Add System Guide

Calculate

Post Actions:

Clear All Posts

Add Post

Plot Line

Post Module:

▼

Back

➔

Next

18. Click on the "Calculate" button and wait for the guide box to be resized based on the roof inset. This guide will be removed from the drawing when you click on the "Next" button and it will not appear in your PDF output.

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Acanthus Park, Unit v

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Re-center

Set Inset

System Identifier:

Add System

Add System Guide

Calculate

Post Actions:

Clear All Posts

Add Post

➔

Plot Line

Post Module:

v

Back

Next

19. You can use the post action tools to plot a system over the guide lines, such as the “Plot Line” feature. Once you are happy with your drawing, click on the ‘Next’ button to send the PDF to the customers Project file.



Fall Protection Visualizer

Your project reference is: 1147

Please find attached your project specific report including component list and layout design.



↓ SFS Safety Line Solution for (SFS1147).pdf

Back

New Project



Get in touch

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E: ukenquiries@sfs.biz

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[Projects](#)
[Contact us](#)

20. Once the PDF has loaded, you can download the project for your records.

From: SFS Technical Team <ecommerce@uk.sfs.com>

Sent: Tuesday, February 28, 2023 17:23

To:

Subject: [EXT] Your Fall Protection Visualizer Project 2715 is ready

Dear **Marco** Brescia,

Thank you for your recent project submission using SFS Fall Protection Visualizer. We have now finalised a solution for project **SFS2715** which is available to view in your projects table and can be accessed via the link below.
https://uk.sfs.com/services/connect-suite/fpv/projects?customerId=210&customerType=Architect/Architectural_Technician

If you require any further amends please email us at GB_technical@sfs.com or telephone 03300555888 and we will be more than happy to help. Please remember to quote your project reference **SFS2715**.

In addition, one of our Specification Sales team will contact you to follow up and ensure that you have all the information you need.

Once again, thank you for using SFS Fall Protection Visualizer, one of the digital tools available from SFS ConnectSuite for the construction industry.

Regards,

SFS Technical Team

SFS Group Fastening Technology Ltd.
Division Construction
153 Kirkstall Road
Leeds LS4 2AT

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E: GB_technical@sfs.com

W: uk.sfs.com

21. An email will be sent to the customer to alert them that their project has been completed and they can access the PDF report.



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www.uk.sfs.com

All information is non-binding and without guarantee. Before using the products, all specifications and calculations must be checked by a suitably qualified person and local regulations must be observed. This document is subject to revision. We reserve the right to make technical changes.
V2 03/2023