



|               |                            |            |              |      |
|---------------|----------------------------|------------|--------------|------|
| Project       | Sunlight House, Manchester |            | Project Ref. | 1394 |
| Tech Sub Ref. | TS-M- 0017                 | Issued By  | Lee Holland  |      |
| Date          | 02/08/2024                 | Authorised | David Wilson |      |

|                          |                            |                       |
|--------------------------|----------------------------|-----------------------|
| Technical Submission     | Raised plant deck loadings |                       |
| SPECIFICATION COMPLIANCE |                            | N/A                   |
| DEROGATIONS              |                            | N/A                   |
| CALCULATIONS PROVIDED    | ✓                          | Calculations provided |

This technical submission has been issued by G&H Building Services Ltd for the approval of Loadings for the raised plant deck system

Strutt foot point loadings:

Yellow: LOAD\_DATA UDL 1.50 KN/M2 - FOOT PRESSURE 12.14 KN/M2

Orange: LOAD\_DATA UDL 1.43 KN/M2 - FOOT PRESSURE 12.14 KN/M2

Blue: LOAD\_DATA WORSE CASE UDL 1.36 KN/M2 FOOT PRESSURE 10.83 KN/M2

Red: LOAD\_DATA UDL 1.29 KN/M2 - FOOT PRESSURE 9.69 KN/M2

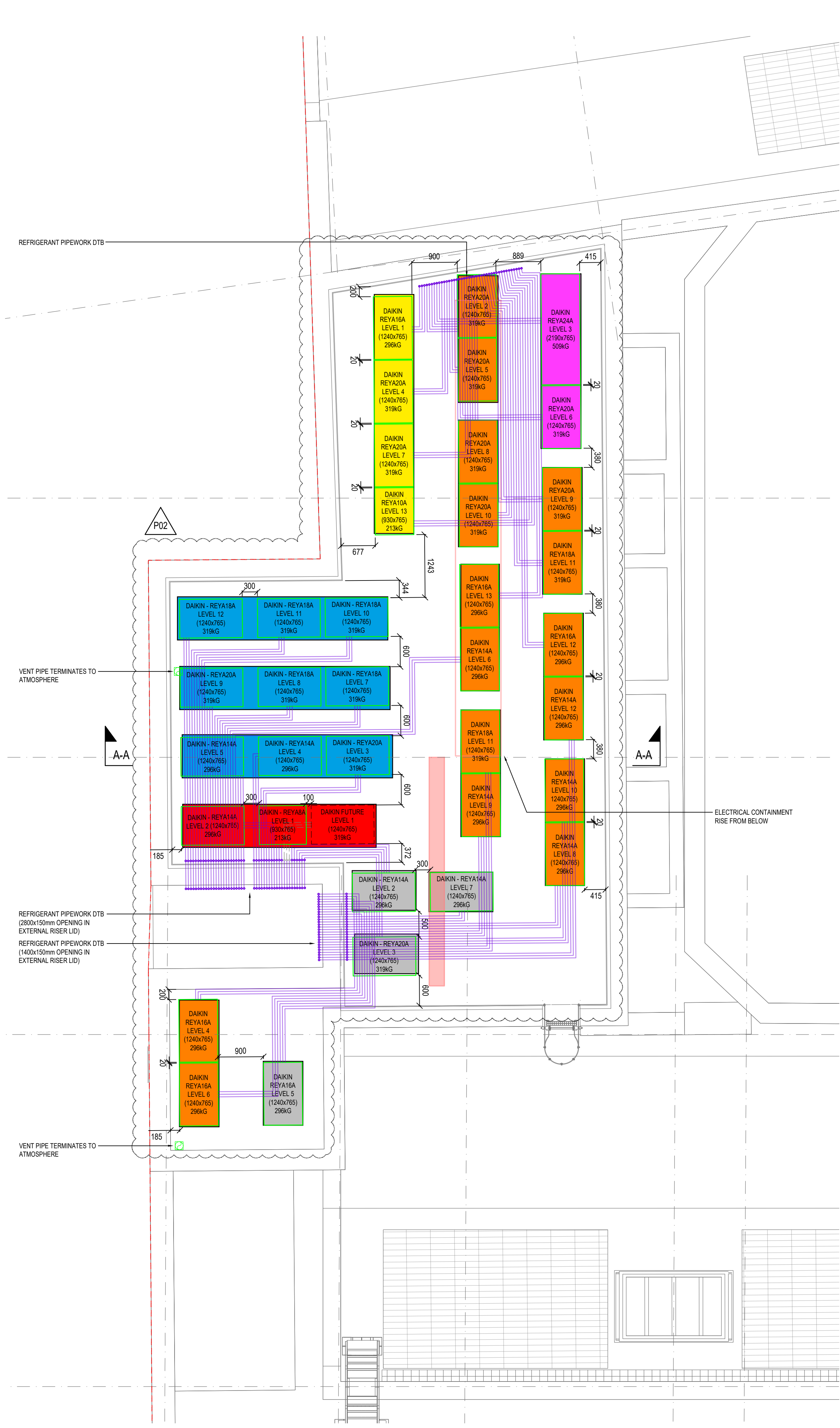
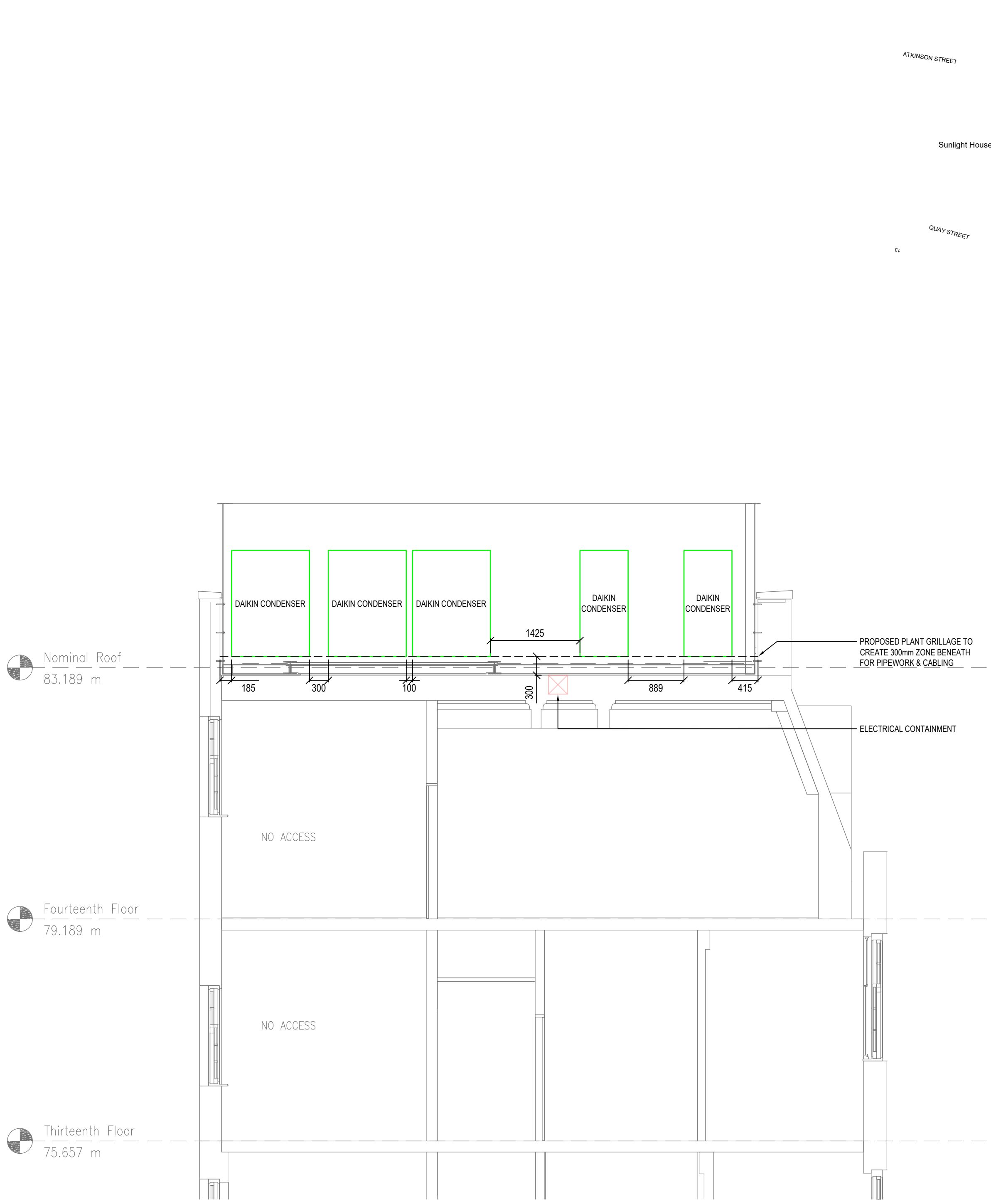
Pink: LOAD\_DATA UDL 1.41 KN/M2 - FOOT PRESSURE 11.85 KN/M2

Grey: LOAD\_DATA UDL 1.16 KN/M2 - FOOT PRESSURE 9.15 KN/M2

|                           |            |
|---------------------------|------------|
| Information Required From | Myco       |
| Latest Date Required      | 16/08/2024 |

| Acceptance/Refusal |          |          |
|--------------------|----------|----------|
|                    |          |          |
| STATUS A           | STATUS B | STATUS C |

|               |  |
|---------------|--|
| Response From |  |
| Response Date |  |



ARCHITECTURE IS BASED ON ANOMALY DESIGN ARCHITECTS  
DRAWING NO. SLH-ANO-PO-RF-DR-A-051RF (C01)  
ROOF PLAN  
RECEIVED 03.06.2024

THIS DRAWING IS FOR INFORMATION ONLY DO NOT SCALE

CDM REGULATIONS

| NORMAL HAZARDS | DATE ADDED | DATE MITIGATED | RISK ASSESSMENT DATE |
|----------------|------------|----------------|----------------------|
|                |            |                |                      |

| ABNORMAL HAZARDS | DATE ADDED | DATE MITIGATED | RISK ASSESSMENT DATE |
|------------------|------------|----------------|----------------------|
|                  |            |                |                      |

DRAWING SUITABILITY CODES:  
S0 - WORK IN PROGRESS  
S1 - SUITABLE FOR COORDINATION  
S2 - SUITABLE FOR INFORMATION  
S3 - SUITABLE FOR REVIEW & COMMENT  
S4 - SUITABLE FOR STAGE APPROVAL  
S5 - SUITABLE FOR REVIEW & ACCEPTANCE  
S6 - SUITABLE FOR PIM AUTHORISATION  
S7 - SUITABLE FOR AIM AUTHORISATION  
D1 - SUITABLE FOR COSTING  
D2 - SUITABLE FOR TENDER  
D3 - SUITABLE FOR CONTRACTOR DESIGN  
D4 - SUITABLE FOR MANUFACTURE / PROCUREMENT

NOTES:  
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE M&E SPECIFICATION AND ALL LATEST ARCHITECTS AND ENGINEERS DRAWINGS.  
2. REPORT ANY DISCREPANCIES TO THE DRAWING ORIGINATOR IMMEDIATELY.  
3. ALL DIMS ARE IN MM UNLESS STATED OTHERWISE.

LEGEND:  
SOIL VENT PIPE  
CONTAINMENT  
DX PIPEWORK  
BOUNDARY

| REV | DATE     | AMENDMENTS                    | BY | CHK |
|-----|----------|-------------------------------|----|-----|
| P02 | 30.07.24 | UNITS & PIPEWORK REVISED      | DB | BW  |
| P01 | 18.07.24 | ISSUED FOR COMMENT & APPROVAL | DB | BW  |

FOR COMMENT & APPROVAL

Commercial Services Design Ltd

Tel: 0113 3223190  
Web: www.csdesign.uk.com

CLIENT  
G&H BUILDING SERVICES

PROJECT  
SUNLIGHT HOUSE  
LITTLE QUAY STREET  
MANCHESTER M3 3HP

TITLE  
MECHANICAL & ELECTRICAL SERVICES  
PLANT LAYOUT  
ROOF

| STATUS      | S3 - SUITABLE FOR REVIEW & COMMENT |
|-------------|------------------------------------|
| SCALE @ A1: | 1:50                               |
| DRAWN:      | KM                                 |
| STARTED:    | JUL '24                            |
| CHECKED:    | DB                                 |

| CDM REF:  | CSD REF: |
|-----------|----------|
| ENGINEER: | DB       |
| ISSUED:   | JUL '24  |
| APPROVED: | BW       |

DRAWING NO: 1298-CSD-XX-RF-DR-ME-5901

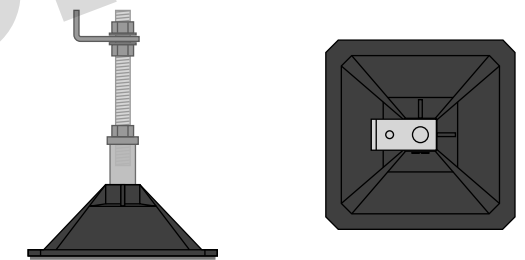
REV: P02

Project-Originator-Volume-Level-Type-Discipline-Classification-Number

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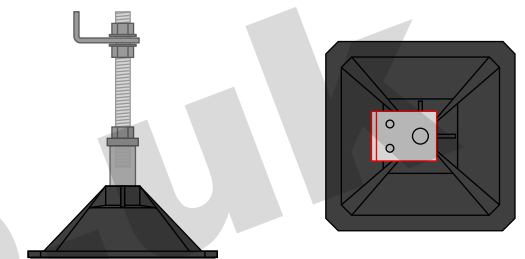
OWNER STRUT**FOOT** LTD  
 TITLE STRUT**FOOT** FRAME [2600X1300MM]  
 DATE 01.04.2021  
 DRAWN BY JOE ROWLEY  
 CHECKED BY JAMIE DAVISON  
 SCALE NOT TO SCALE  
 SWL 1050KG  
 FRAME 53KG

SFCLA  
 STRUT**FOOT** COMPLETE LEG ASSEMBLY



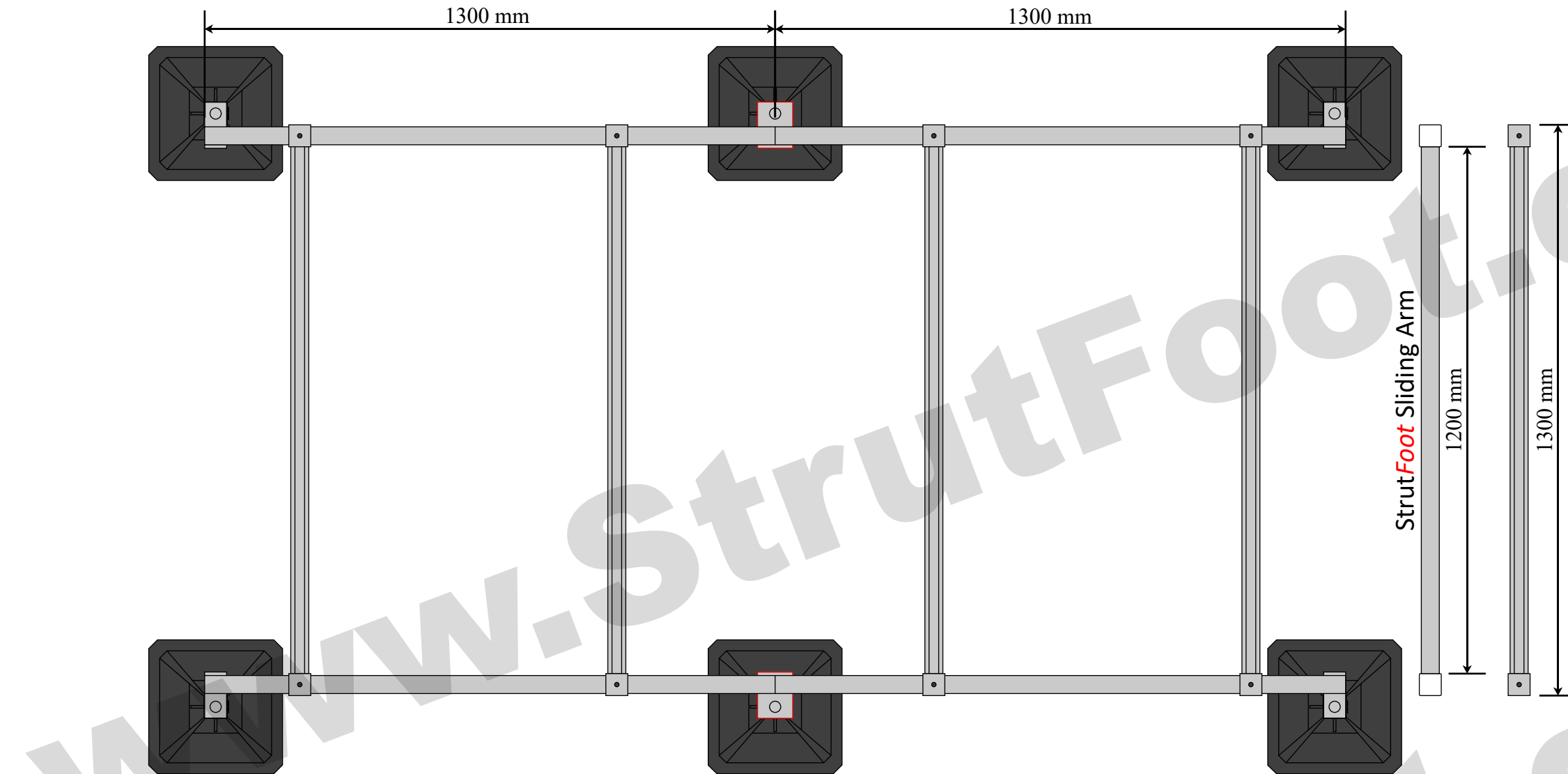
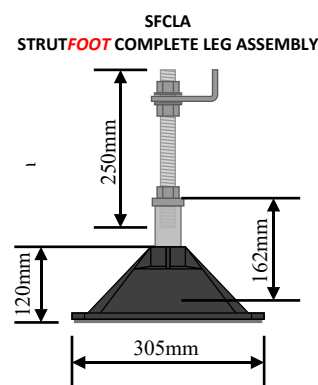
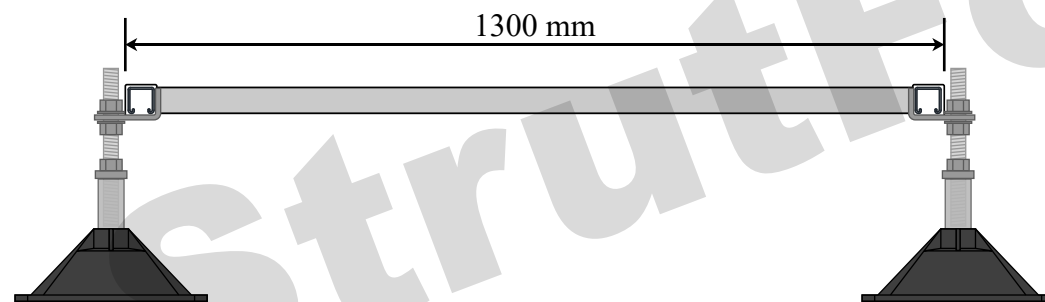
**Components**  
 1 X R305 Plastic Foot  
 1 X SFBLA Bottom Leg Assembly.  
 1 X M24x250 Stud c/w 3x Hex Nuts & 2x FW  
 1 X SFTLA Top Leg Assembly

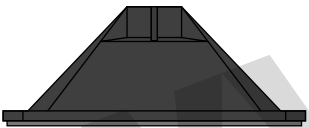
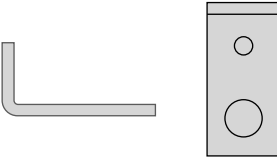
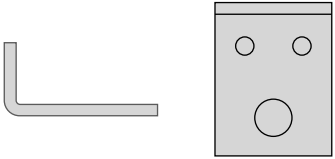
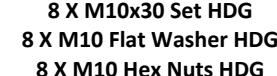
SFCLE  
 STRUT**FOOT** COMPLETE LEG EXTENDER



**Components**  
 1 X R305 Plastic Foot  
 1 X Bottom Leg Assembly  
 1 X M24X250 Stud c/w 3x Hex Nuts & 2x FW  
 1 X SFTLE Top Leg Extender Bracket

| CODE       | OFFICE REFERENCES              |
|------------|--------------------------------|
| SFCLA_200  | DESCRIPTION                    |
| SFCLE_200  | SF COMPLETE LEG ASSEMBLY 200   |
| SFSA1300   | SF COMPLETE LEG EXTENDER 200   |
| SC400/1300 | SLIDING ARMS 1300MM            |
| FIXING KIT | UNISTRUT SIDE RAIL 1300MM      |
| SC950R     | M10X30 SETS, M10 FW & M10 ZEBS |
|            | RED PVC END CAPS               |



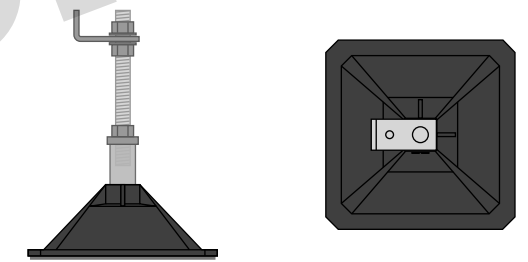
| R305 Plastic Foot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SFBLA_200 Bottom Leg Assembly                                                             | M24X250 Stud c/w 3x nuts & 2x Washers                                                       | SFTLA Top Leg Assembly                                                                                                                                               | SFTLE Top Leg Extender Bracket                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
|  QTY 6                                                                                                                                                                                                                                                                                                                                                                                                               |  QTY 6 |  QTY 6 |  QTY 4                                                                          |  QTY 2                       |
| SFSA Strut <b>Foot</b> Sliding Arms                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                           | SC400/1300/G Plain Strut                                                                    | SF Fixing Kit                                                                                                                                                        | SC950R                                                                                                            |
|  SFSA1150 <input type="checkbox"/><br> SFSA1300 <input checked="" type="checkbox"/><br> SFSA1600 <input type="checkbox"/><br> SFSA2100 <input type="checkbox"/> |                                                                                           |  QTY 4  |  QTY 2<br>8 X M10x30 Set HDG<br>8 X M10 Flat Washer HDG<br>8 X M10 Hex Nuts HDG |  QTY 4<br>41X41 Red End Caps |

Please note: Strut Direct Ltd accepts no liability for the condition of the roof structure or membrane. The stated SWL applies to the frame only & does not guarantee that the roof structure is capable of supporting the final load placed upon it. If in any doubt we recommend consulting a structural surveyor.

**StrutFoot**  
 Universal Flat Roof Support System

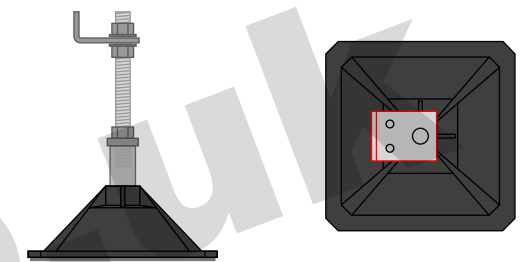
OWNER STRUT**FOOT** LTD  
 TITLE STRUT**FOOT** FRAME [4200X1300MM]  
 DATE 26.03.2021  
 DRAWN BY JOE ROWLEY  
 CHECKED BY JAMIE DAVISON  
 SCALE NOT TO SCALE  
 SWL 1750KG  
 FRAME 93KG

SFCLA  
 STRUT**FOOT** COMPLETE LEG ASSEMBLY



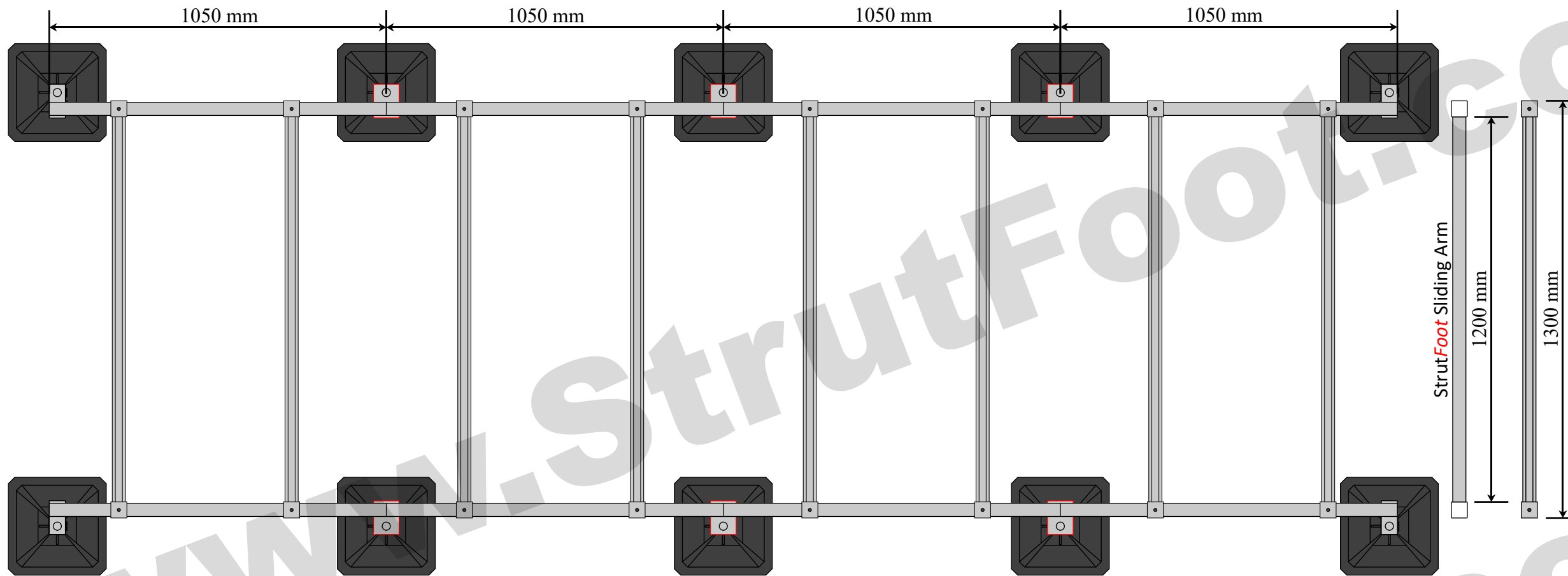
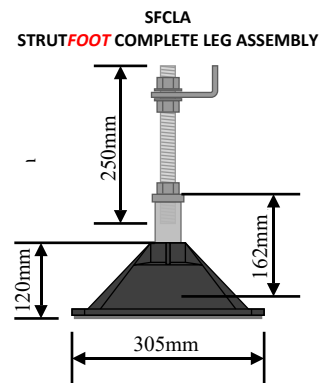
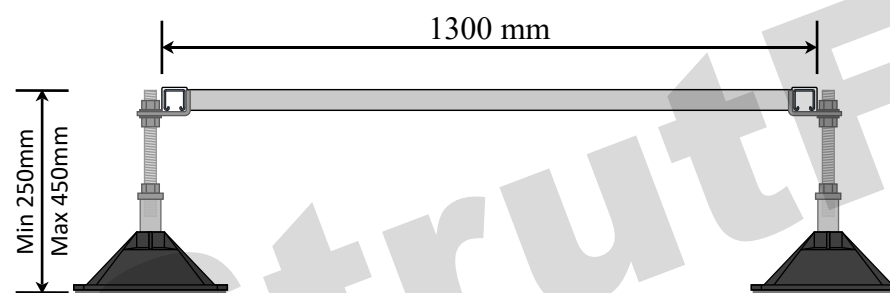
- Components**  
 1 X R305 Plastic Foot  
 1 X SFBLA Bottom Leg Assembly.  
 1 X M24x250 Stud c/w 3x Hex Nuts & 2x FW  
 1 X SFTLA Top Leg Assembly

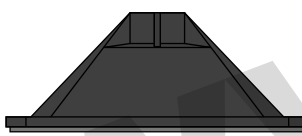
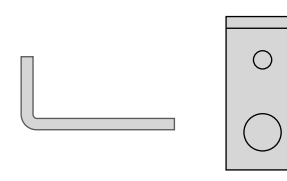
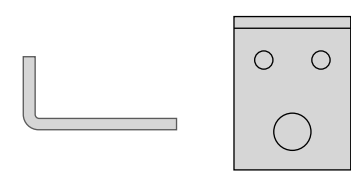
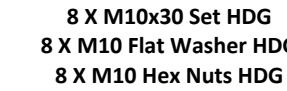
SFCLE  
 STRUT**FOOT** COMPLETE LEG EXTENDER



- Components**  
 1 X R305 Plastic Foot  
 1 X Bottom Leg Assembly  
 1 X M24X250 Stud c/w 3x Hex Nuts & 2x FW  
 1 X SFTLE Top Leg Extender Bracket

| CODE       | OFFICE REFERENCES              |
|------------|--------------------------------|
| SFCLA      | DESCRIPTION                    |
| SFCLE      | SF COMPLETE LEG ASSEMBLY       |
| SFSA1300   | SF COMPLETE LEG EXTENDER       |
| SC400/1050 | SLIDING ARMS 1300MM            |
| FIXING KIT | UNISTRUT SIDE RAIL 1050MM      |
| SC950R     | M10X30 SETS, M10 FW & M10 ZEBS |
|            | RED PVC END CAPS               |



| R305 Plastic Foot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SFBLA Bottom Leg Assembly                                                                     | M24X250 Stud c/w 3x nuts & 2x Washers                                                           | SFTLA Top Leg Assembly                                                                         | SFTLE Top Leg Extender Bracket                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>QTY 10                                                                                                                                                                                                                                                                                                                                                                                                           | <br>QTY 10 | <br>QTY 10 | <br>QTY 4 | <br>QTY 6                                                                       |
| SFSA Strut <b>Foot</b> Sliding Arms                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                               | SC400/1050/G Plain Strut                                                                        |                                                                                                | SC950R                                                                                                                                                               |
|  SFSA1150 <input type="checkbox"/><br> SFSA1300 <input checked="" type="checkbox"/><br> SFSA1600 <input type="checkbox"/><br> SFSA2100 <input type="checkbox"/> |                                                                                               |  QTY 8      |                                                                                                |  QTY 4<br>8 X M10x30 Set HDG<br>8 X M10 Flat Washer HDG<br>8 X M10 Hex Nuts HDG |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                               |                                                                                                 |                                                                                                |  QTY 4<br>41X41 Red End Caps                                                    |

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