REVISIONS				
ZONE	REV.	DATE	DRAWNBY	DESCRIPTION
	01	21/12/2016	Jeremy Young	First issue
	02	15/03/2017	Jeremy Young	Drawing tolerances updated - In line with DM manufacturing tolerances

Surehinge/ALUmax + Sureclose
Timber doorset Manufacturing drawings REV03

All Surehinge/ALUmax + Sureclose timber doorsets MUST be manufactured in accordance with these drawings. Please refer to the "Technical Manual" for further information.
For Factory installation instructions please refer to "Surehinge + Sureclose Installation Instructions V1.2 OR ALUmax + Sureclose Installation Instructions V1.2 ".
These documents are available to download here: www.safehinge.com/technical/

Abbreviation	Meaning	
RRB	Structural opening width	**All information originates within Safehinge doorset schedule.** NOTE:Door Manufacturer is **not** expected to calculate doorset dimensions from this document.
RRH	Structural opening height	
MW	Wall depth	
FT	Fitting tolerance	
Z	Threshold undercut	
PLDB	Frame opening width	
PLDH	Frame opening height	
TAB	Door core width	
TAH	Door leaf height	
LHH	Door handing Left hand	
RHH	Door handing Right hand	
FLW	Finished leaf width	
COW	Clear opening width	
A	Door face A	
B	Door face B	

NOTE: Safehinge supply intumescent seals that are in direct contact with the ironmongery.
The door manufacturer is responsible for procurement of all intumescent seals for the frame and door.

PART #:	
DESCRIPTION:	Surehinge/Alumax + Sureclose
MATERIAL:	NA
SURFACE FINISH:	NA
PROJECT:	Symphony

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
LINEAR: ±0.5
ANGULAR: ±0.5°

DEBUR AND BREAK ALL SHARP EDGES

SAFEHINGE SIMPLY DIFFERENT
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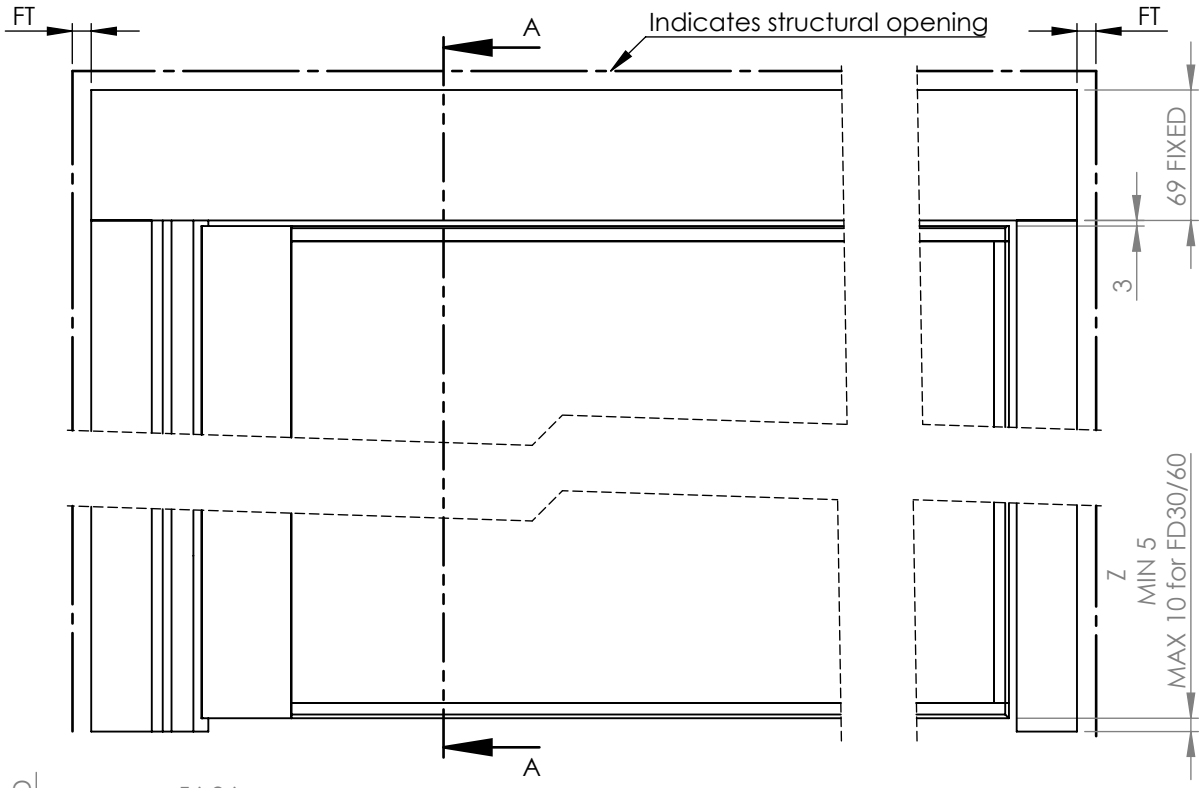
3RD ANGLE PROJECTION

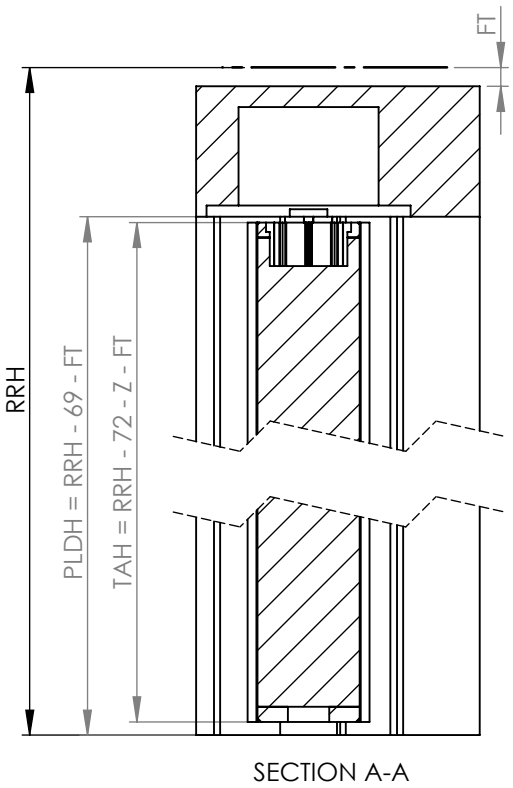
DRAWN BY: JY DATE: 21-12-16
CHECKED BY: DATE:

SCALE:1:4	SHEET 1 OF 8	DO NOT SCALE DRAWING	REV: 03	A4

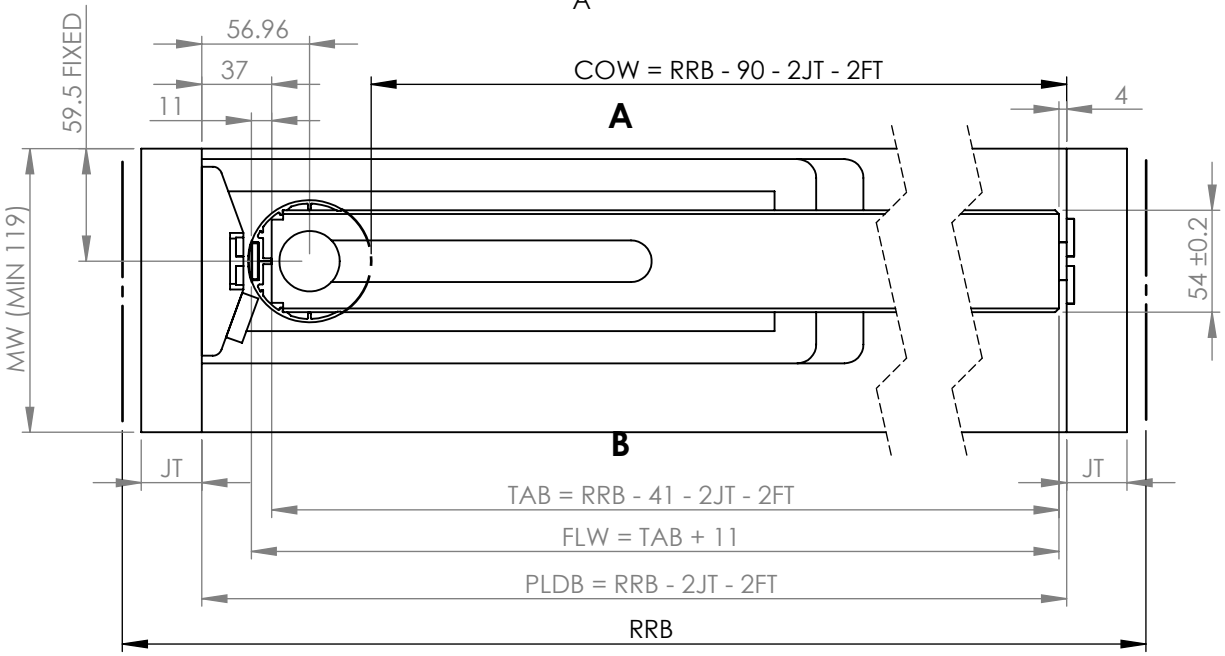
Doorset Overview - Identifying the key Fixed and Variable dimensions

Drawing shows LHH





SECTION A-A



PART #:	
DESCRIPTION:	Surehinge/ALUmax + Sureclose doorset
MATERIAL:	NA
SURFACE FINISH:	NA
PROJECT:	Symphony

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
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ANGULAR: ±0.5°

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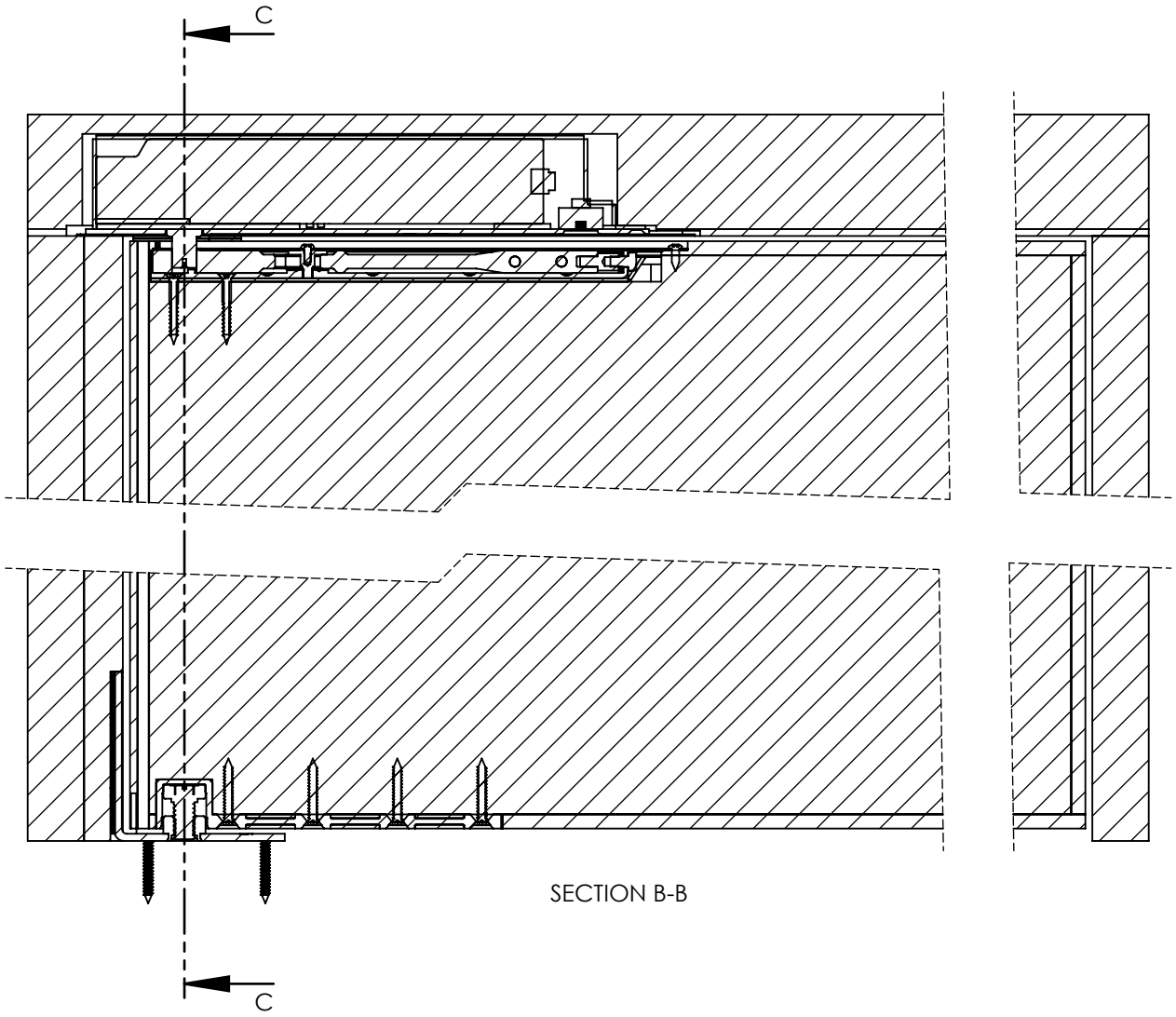
3RD ANGLE PROJECTION

DRAWN BY: JY DATE: 19-12-16
CHECKED BY: DATE:

SCALE:1:4	SHEET 2 OF 8	DO NOT SCALE DRAWING	REV: 03	A4

Surehinge/Alumax + Sureclose doorset - S87 general arrangement



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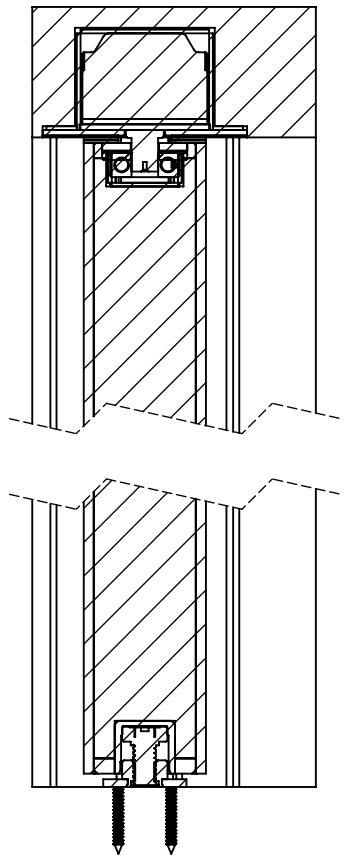

SECTION C-C

PART #:	
DESCRIPTION:	Surehinge/Alumax + Sureclose
MATERIAL:	NA
SURFACE FINISH:	NA
PROJECT:	Symphony

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
LINEAR: ±0.5
ANGULAR: ±0.5°

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3RD ANGLE PROJECTION

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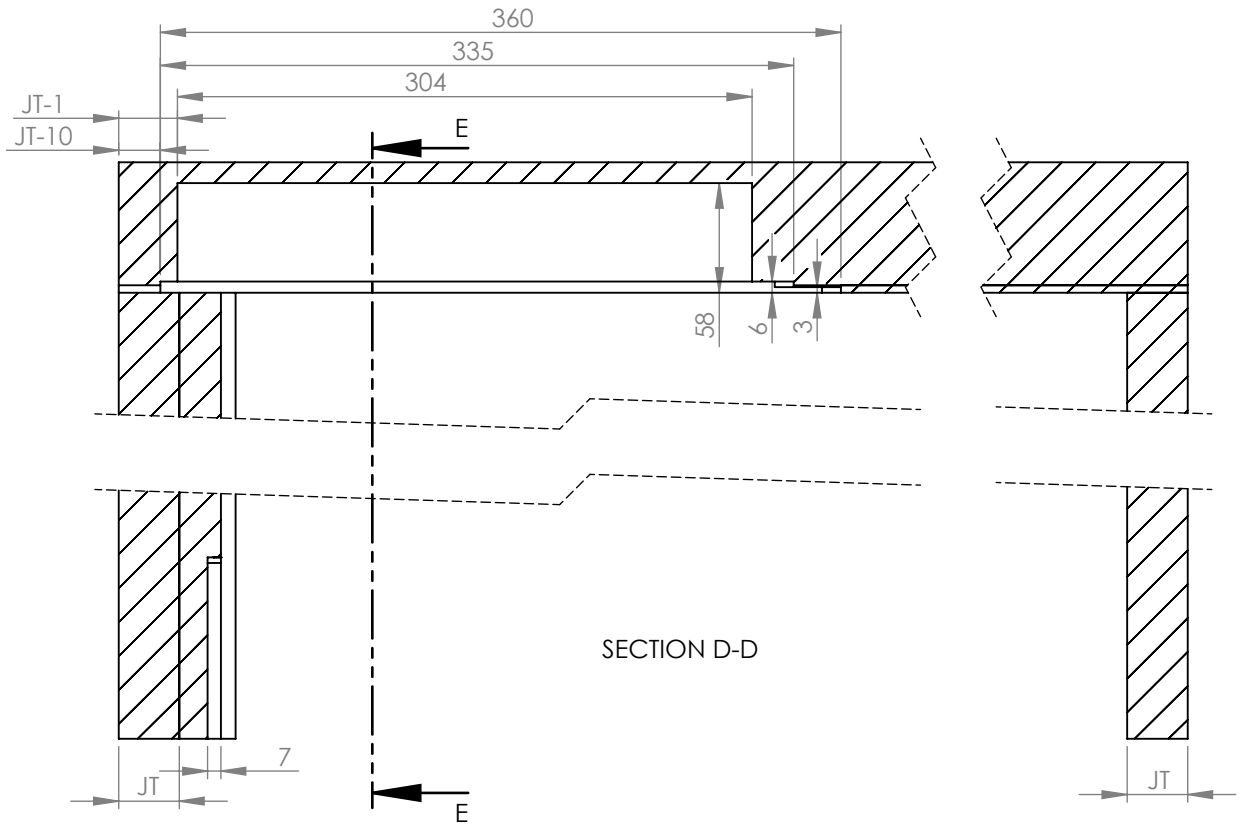
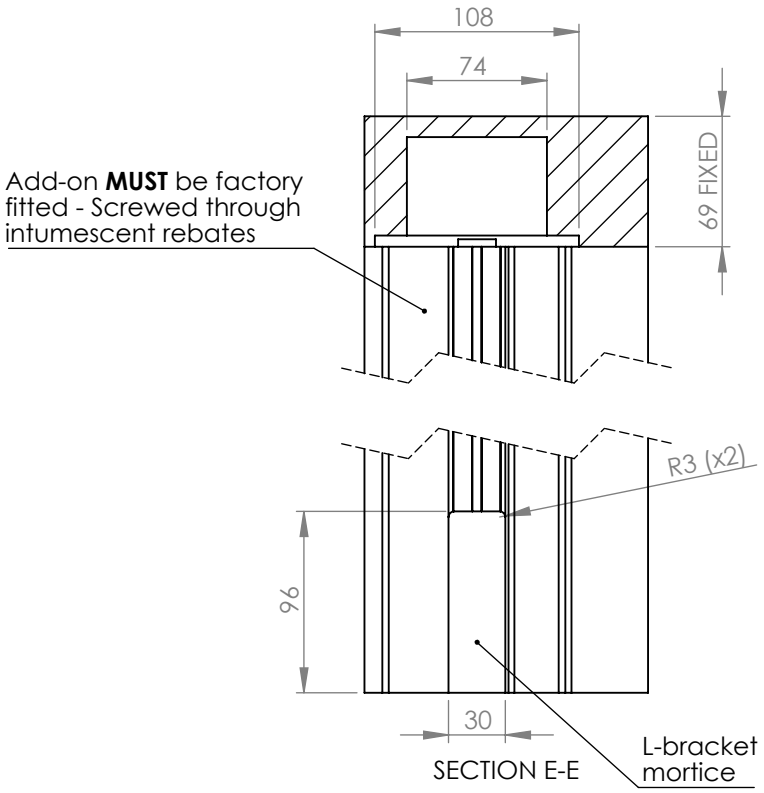
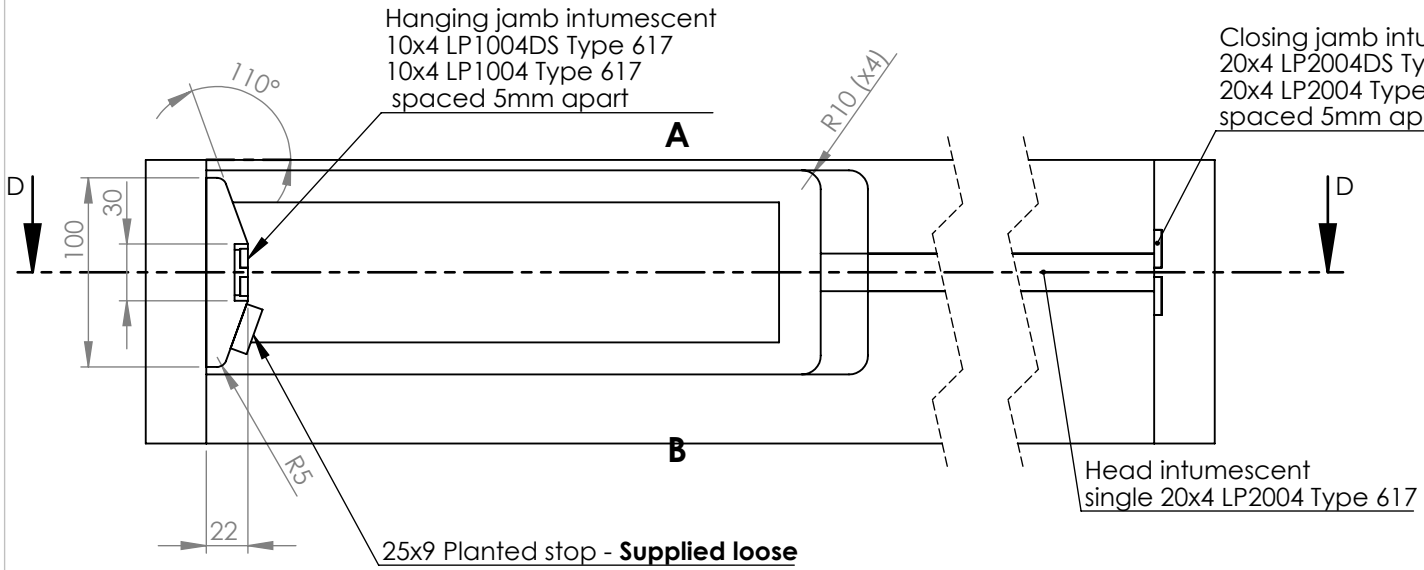
CHECKED BY: DATE:

SCALE:1:4	SHEET 3 OF 8	DO NOT SCALE DRAWING	REV: 03	A4

Surehinge/Alumax + Sureclose doorset - S87 specific







PART #:	
DESCRIPTION:	Surehinge/Alumax + Sureclose frame
MATERIAL:	Hardwood minimum density 640 kg/m3
SURFACE FINISH:	
PROJECT:	Symphony

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
LINEAR: ±0.5
ANGULAR: ±0.5°

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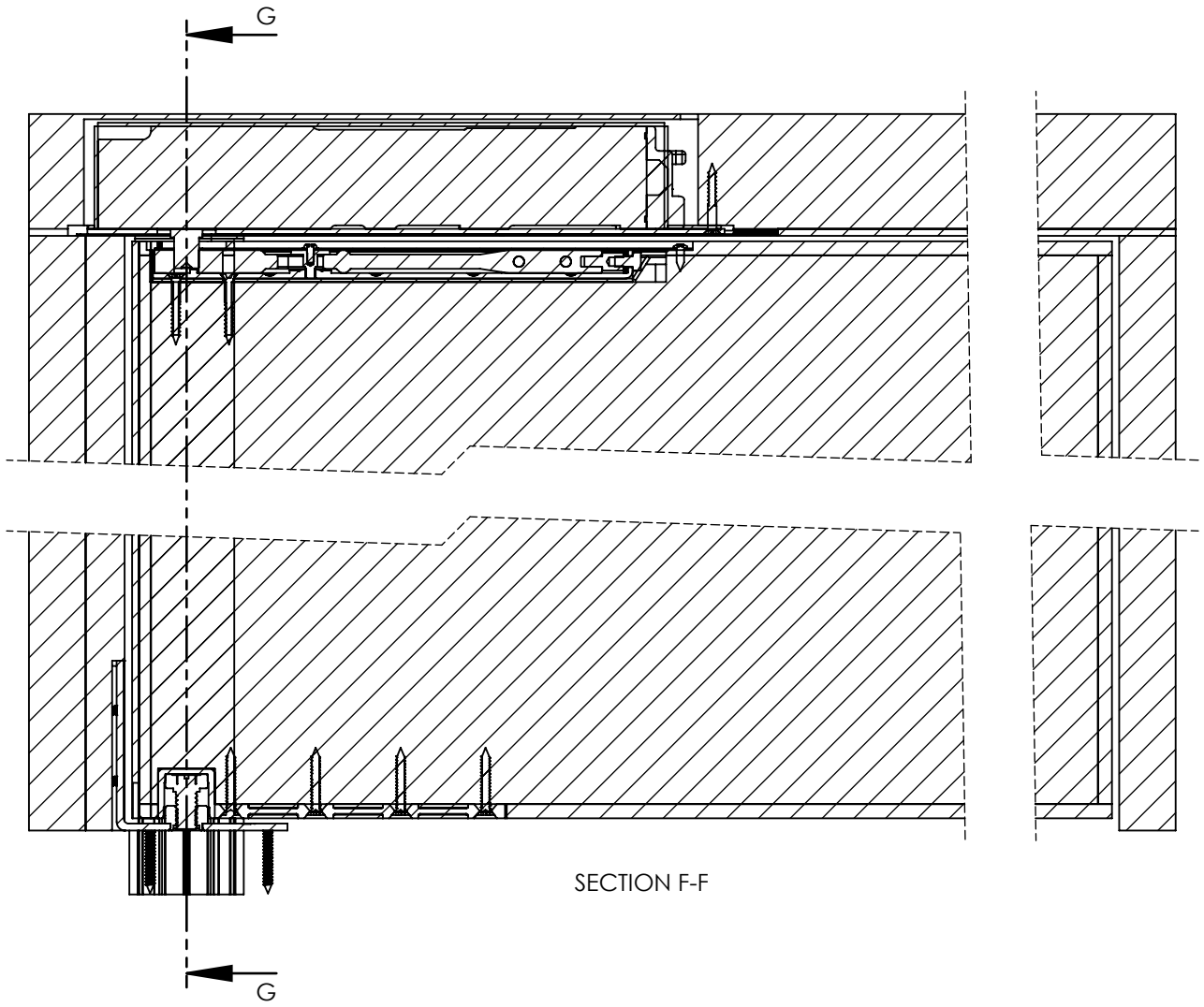
CHECKED BY: DATE:

SCALE:1:4 | SHEET 4 OF 8 | DO NOT SCALE DRAWING | REV: 03 | A4

Surehinge/Alumax + Sureclose doorset - S80/4/5/F general arrangement



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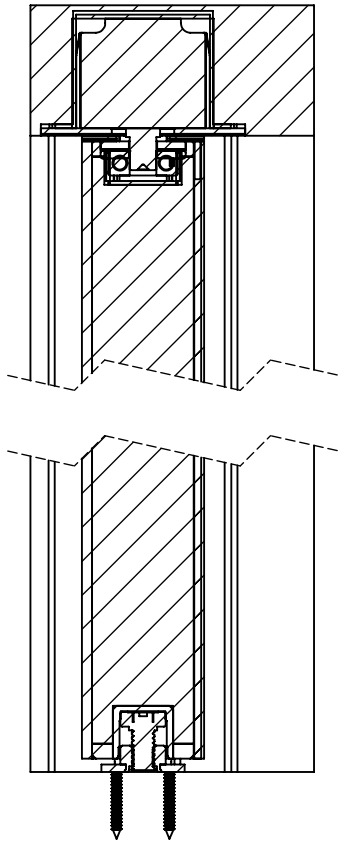

SECTION G-G

PART #:	
DESCRIPTION:	Surehinge/Alumax + Sureclose
MATERIAL:	NA
SURFACE FINISH:	NA
PROJECT:	Symphony

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
LINEAR: ±0.5
ANGULAR: ±0.5°

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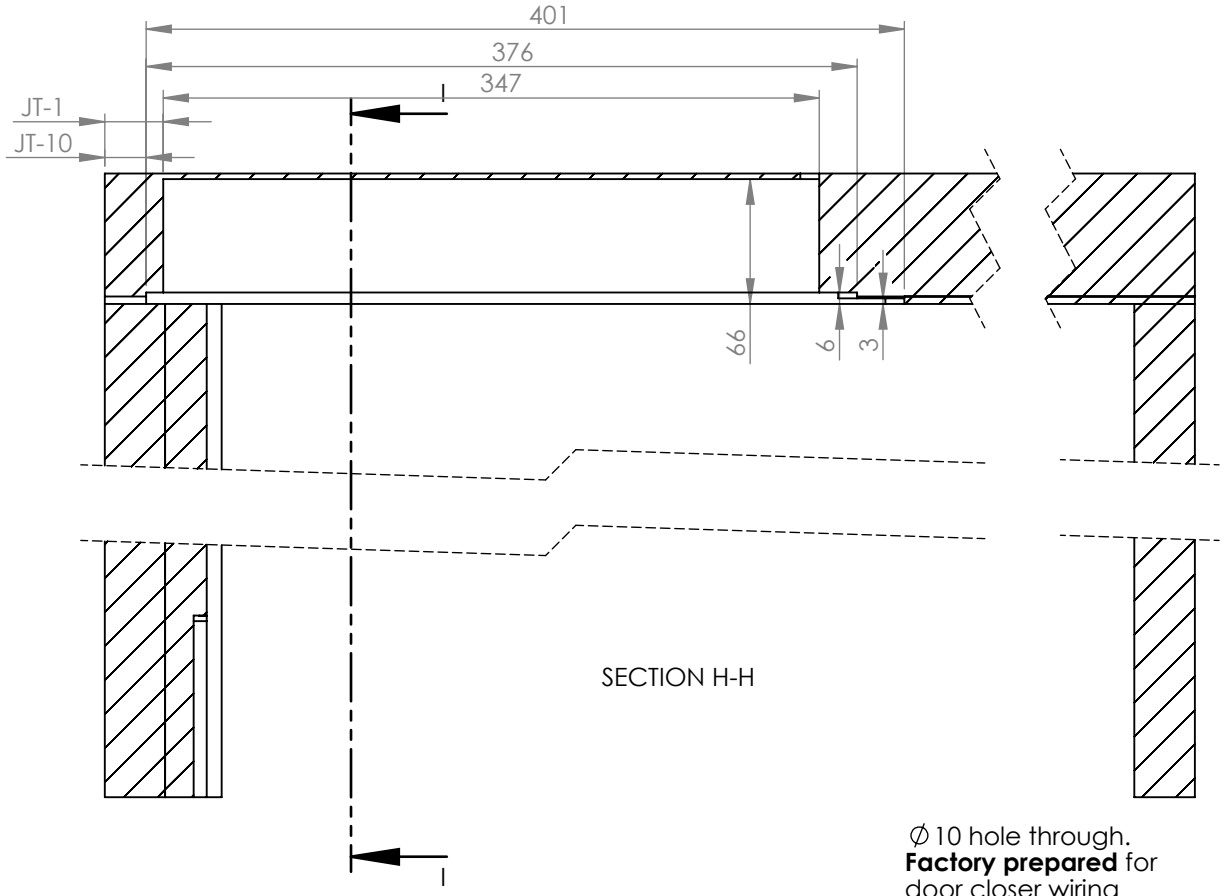
Surehinge/ALUmax + Sureclose doorset - S80/4/5/F specific - NOTE: All other dimensions as per S87



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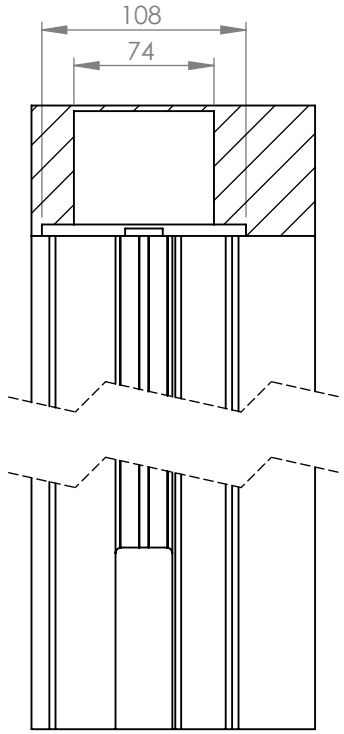

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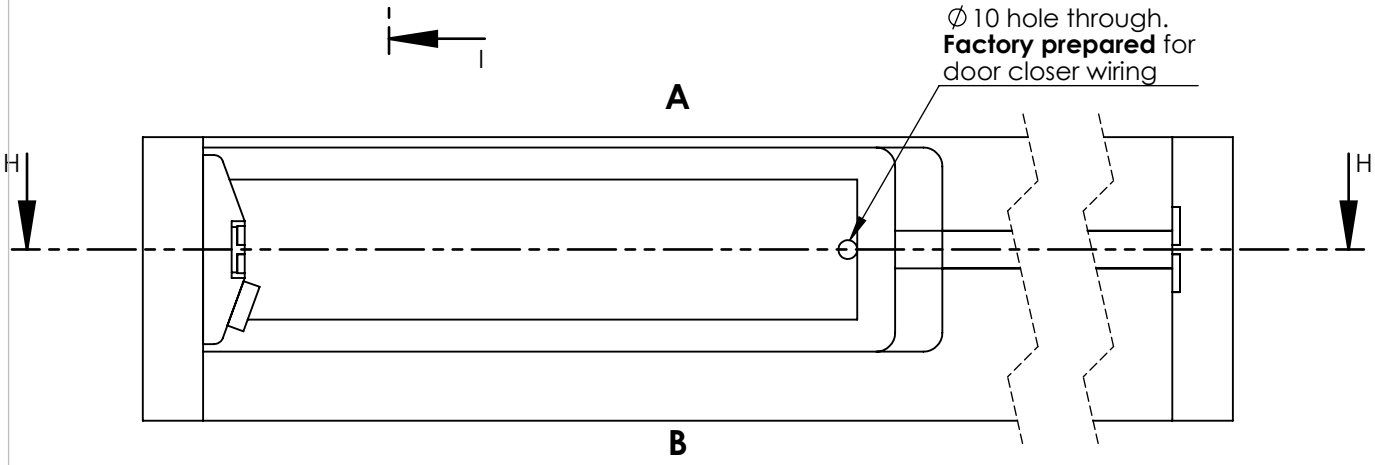

PART #:	
DESCRIPTION:	Surehinge/Alumax + Sureclose frame
MATERIAL:	Hardwood minimum density 640 kg/m3
SURFACE FINISH:	
PROJECT:	Symphony

UNLESS OTHERWISE SPECIFIED:
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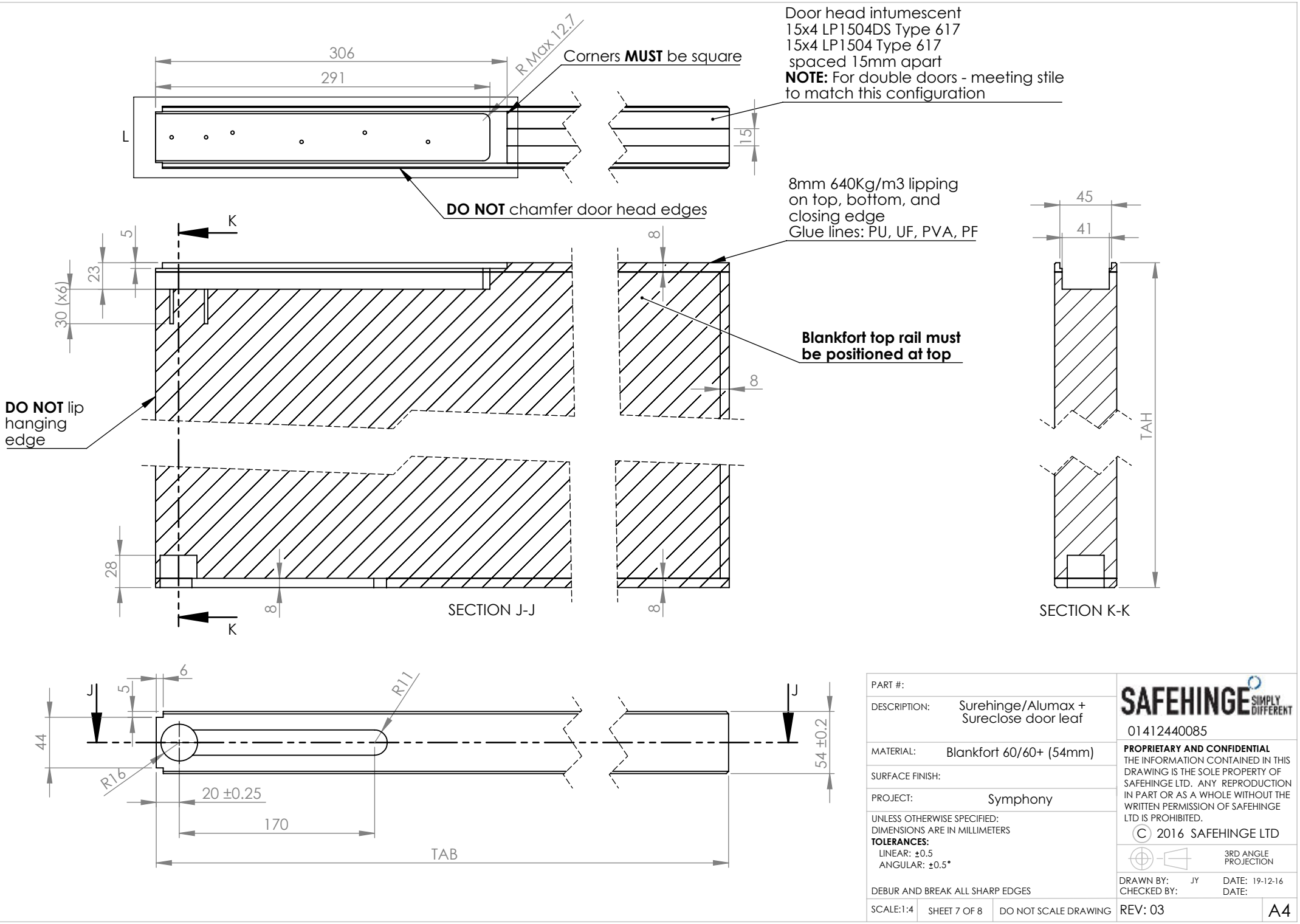

PART #:	
DESCRIPTION:	Surehinge/Alumax + Sureclose door leaf
MATERIAL:	Blankfort 60/60+ (54mm)
SURFACE FINISH:	
PROJECT:	Symphony

UNLESS OTHERWISE SPECIFIED:
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LINEAR: ±0.5
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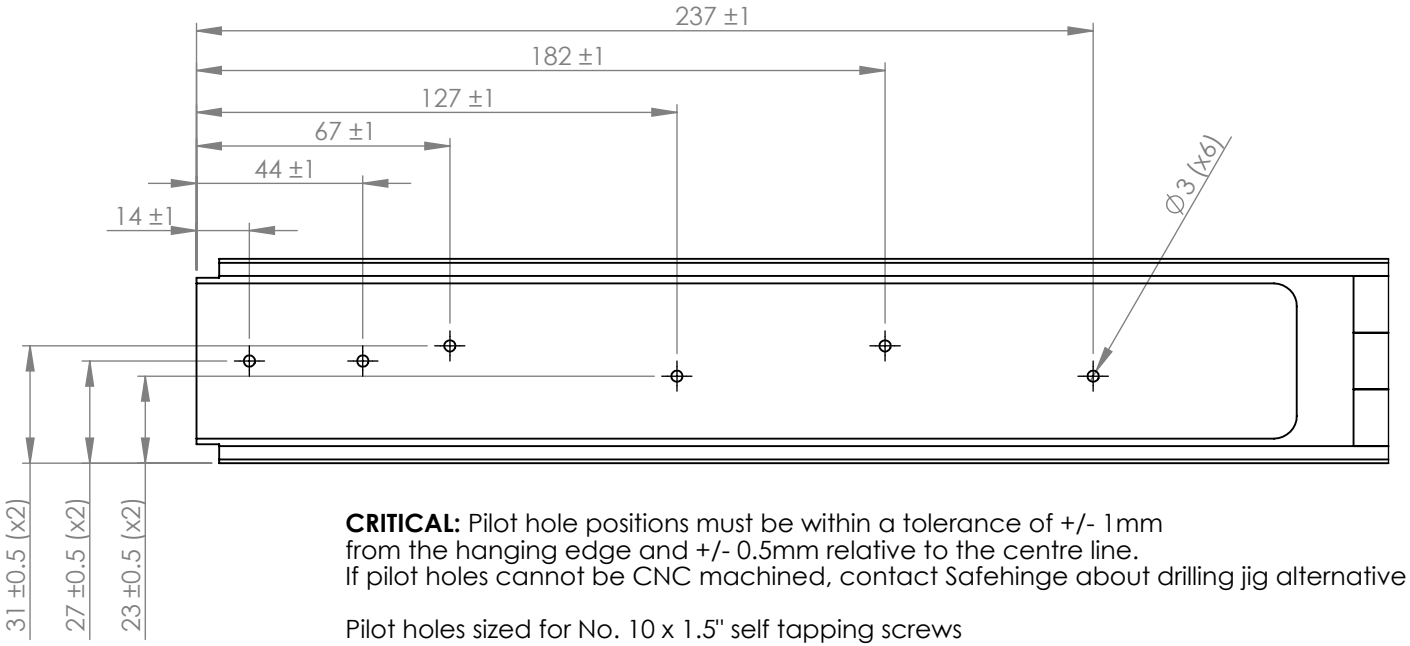
SCALE:1:4	SHEET 7 OF 8	DO NOT SCALE DRAWING	REV: 03	A4

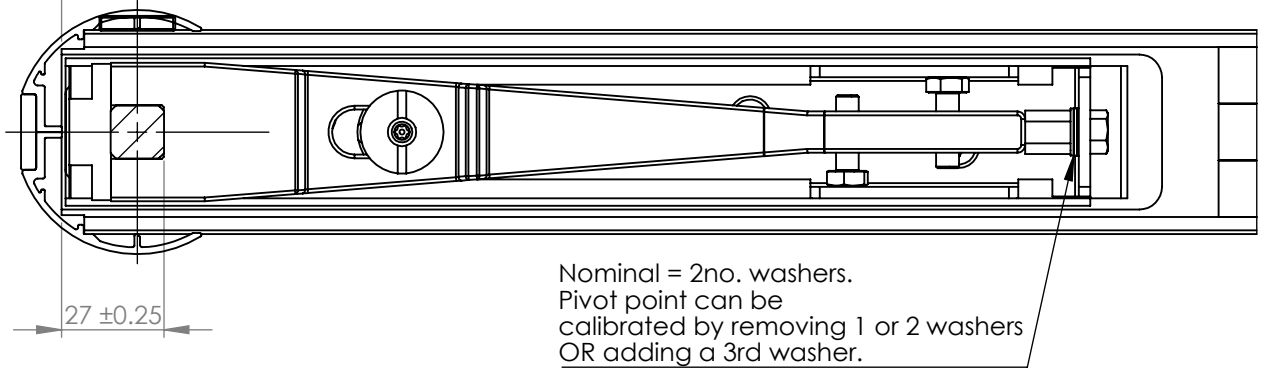


DETAIL L
SCALE 1 : 2

CRITICAL: Pilot hole positions must be within a tolerance of +/- 1mm from the hanging edge and +/- 0.5mm relative to the centre line.
If pilot holes cannot be CNC machined, contact Safehinge about drilling jig alternative

Pilot holes sized for No. 10 x 1.5" self tapping screws

NOTE: Top strap assembly must be factory fitted so the closer spindle is concentric with the aluminium profiles. The strap assembly can be adjusted by 1mm increments only. This is achieved by adding/removing washers as indicated below.



PART #:	
DESCRIPTION:	Surehinge/Alumax + Sureclose door leaf
MATERIAL:	Blankfort 60/60+ (54mm)
SURFACE FINISH:	
PROJECT:	Symphony

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
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ANGULAR: ±0.5°

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3RD ANGLE PROJECTION

DRAWN BY: JY DATE: 19-12-16
CHECKED BY: DATE:

SCALE:1:4	SHEET 8 OF 8	DO NOT SCALE DRAWING	REV: 03	A4