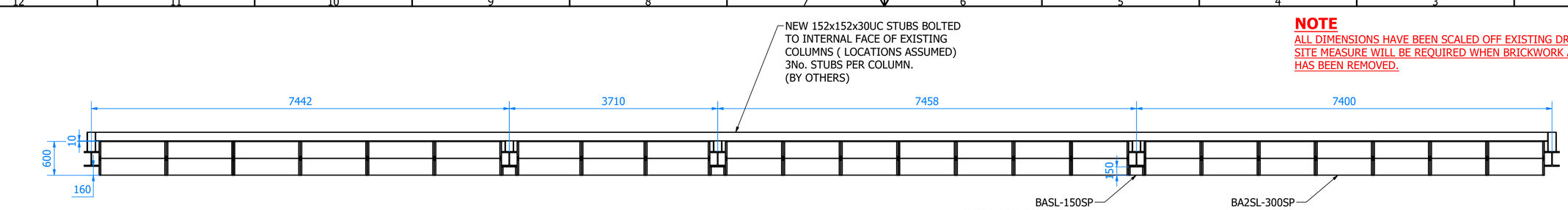
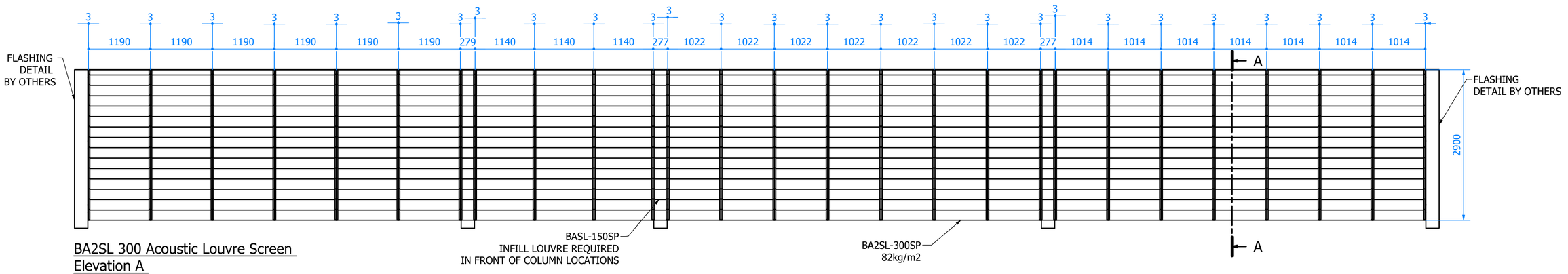


BA2SL 300 Acoustic Louvre Screen Plan

SET ONTO SUPPORT STEEL WORK (STEEL WORK BY OTHERS)
RAL COLOUR TBC

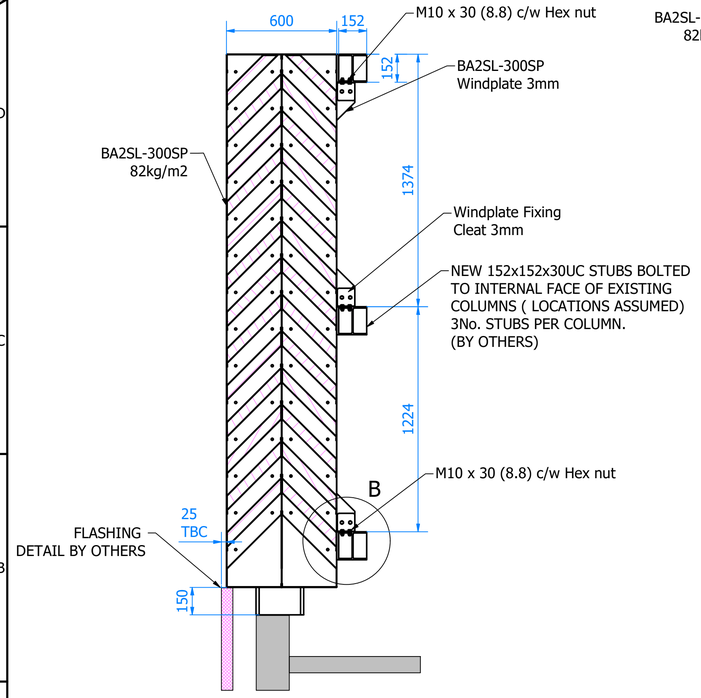
NOTE

ALL DIMENSIONS HAVE BEEN SCALED OFF EXISTING DRAWING
SITE MEASURE WILL BE REQUIRED WHEN BRICKWORK AND PROFILE SHEETING HAS BEEN REMOVED.



BA2SL 300 Acoustic Louvre Screen Elevation A

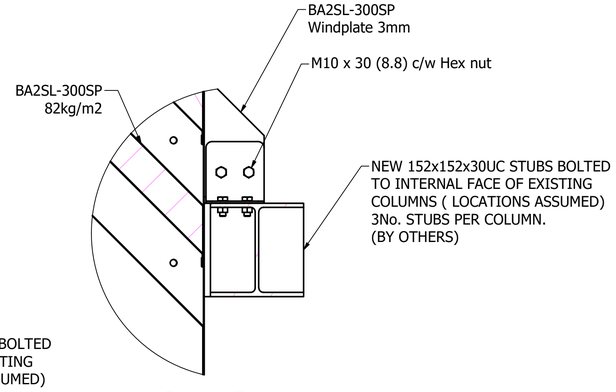
SET ONTO SUPPORT STEEL WORK (STEEL WORK BY OTHERS)
RAL COLOUR TBC



BA2SL 300 Acoustic Louvre Screen Section View On Elevation A

SET ONTO SUPPORT STEEL WORK (STEEL WORK BY OTHERS)
RAL COLOUR TBC

A-A (0.06)



B (1 : 5)
FIXING DETAIL

EXISTING BRICKWORK AND INFILL SFS TO BE
CAREFULLY REMOVED ABOVE ROOF FFL
BY OTHERS

IMPORTANT NOTES ON SCOPE OF SUPPLY

Louvres are manufactured from pre galvanised mild steel sheets (outer faces) and expanded metal (inner "absorption" faces). Generally the louvres are painted prior to assembly then fitted with mineral fibre insulation before being riveted together to form the final assembly.

Where a louvre is formed in more than one section, vertical stiffening plates are used between the louvres for rigidity and also to allow a method of fixing to the surrounding structure. The surrounding structure and support work is by others. The suitability of the support structure is to be certified by others. Please check the dimensional information of the support structure on this drawing as we will manufacture and supply our equipment to suit this layout. Items cannot be altered after commencement of manufacture.

Please check any paint specification is correct before approving for manufacture as rectifications to the the incorrect specification cannot be made.

Frequency Hz	63	125	250	500	1k	2k	4k	8k	Rw
SRI dB	7	9	12	23	33	41	32	28	25
Face Velocity m/s	0.5	0.75	1	1.25	1.5	1.75	2.0	2.25	2.5
Pressure Drop Pa	6	13	23	35	51	69	90	115	141
Weight			82kg/m2						
Visual Free Area *			50%						
Actual Free Area			34%						

Designed by KM	Checked by IS	Scale Not to Scale		Drawing Number:- 72016-08 Date 05/09/2023	All dimensions in mm
Bespoke Acoustic Solutions			CM OXENDALE	MRI	
			Lower level steel 1	REV 01	Job No 72016