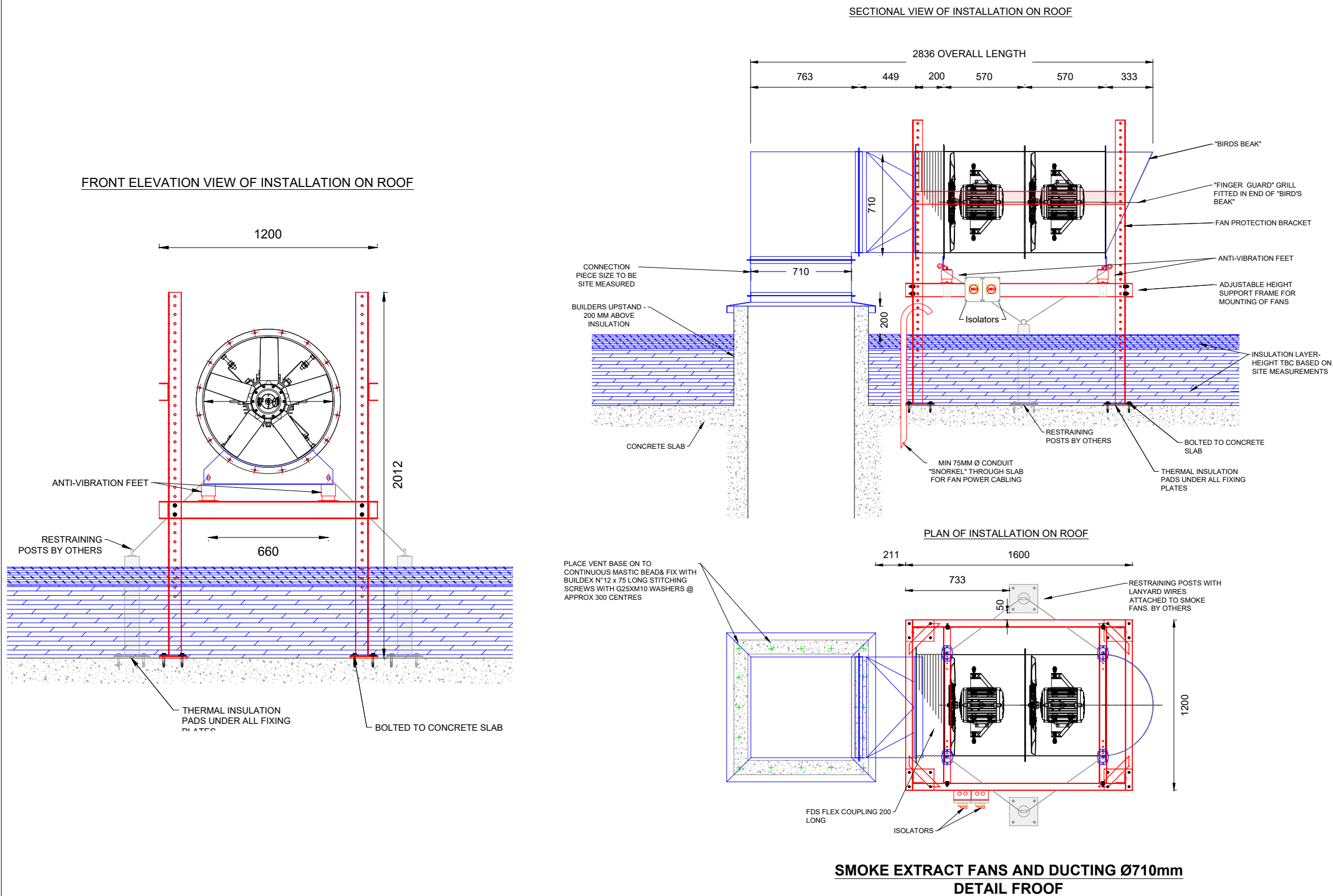


THE CHARTER – CURO LIVING**TECHNICAL SUBMISSION – TS – 074 – ROOF FAN FIXING DETAILS**

REFERENCE	THE CHARTER – ROOF FAN FIXING DETAILS
DESCRIPTION	ROOF FIXING FRAME
LOCATION	E01 CORE 2 ROOF
MANUFACTURER	FDS
ADDRESS	152-154 LONDON ROAD
	GREENHITHE
	BARFRESTONE
	KENT
	DA9 9JW
TEL	01322 387 411
WEB	https://www.fdsuk.com
EMAIL	info@fdsuk.com
ATTACHMENTS	TECHNICAL DATA SHEET

NAME	COMPANY	DATE	STATUS
	CURO CONSTRUCTION		
STATUS A = PROCEED NO COMMENTS, B = PROCEED WITH COMMENTS, C = RE-SUBMIT			
COMMENTS			

Detail Sheet - 710 Smoke Fan



General notes and Legend:

Combustible Materials -

The system is designed to discharge hot smoke and gases from a fire which can be up to 300Deg therefore no combustible material should be in the discharge path. Where this cannot be avoided, our research shows the jet plume of the discharge from the jet fan can reach 4m or 5m so anything in that area should be avoided. The discharge stream is likely to be around 2.0 above the deck height.

Smoke Recirculation (BS 9999:2017) -

Exhaust points from ductwork systems should be sited:

At least 5m horizontally separated and more than 1 m above any opening (doors, all windows, skylights and ventilation apertures) or intake or discharge feature in the same or adjacent premises, to prevent extracted smoke being recirculated.

During installation of the fans please position the Motor Terminal Box/es to be accessible and safe for connection in line with CDM requirements.

Restraints should be loosely connected and not provide any tension to the posts.

FDS Group stipulate HILTI HUS4 Screw Anchor fixings for securing fan frames to the building structure.

Fixings used on the fan sets without attenuation require: Fan frame to have a minimum of 4No. fixing points.

Minimum fixing size 10mm x 75mm.

Fan Panel emitted for clarity.

Fan weight: Minimum 160 KG

P01	**/0*/2*	Drawings issued for approval.	**	**
Rev	Date	Comment	Drn	Chk



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fds contracting

Area/Level: Smoke Control System Detail Sheet -710 Smoke Fan				
Project: Project Name				
Job: 0000000	Drawn: ***	Date: *** 20XX		
Scale: NTS	Status: FOR APPROVAL	Code: S3		
Dwg: 2 - 710 Smoke Fan				Rev: P01