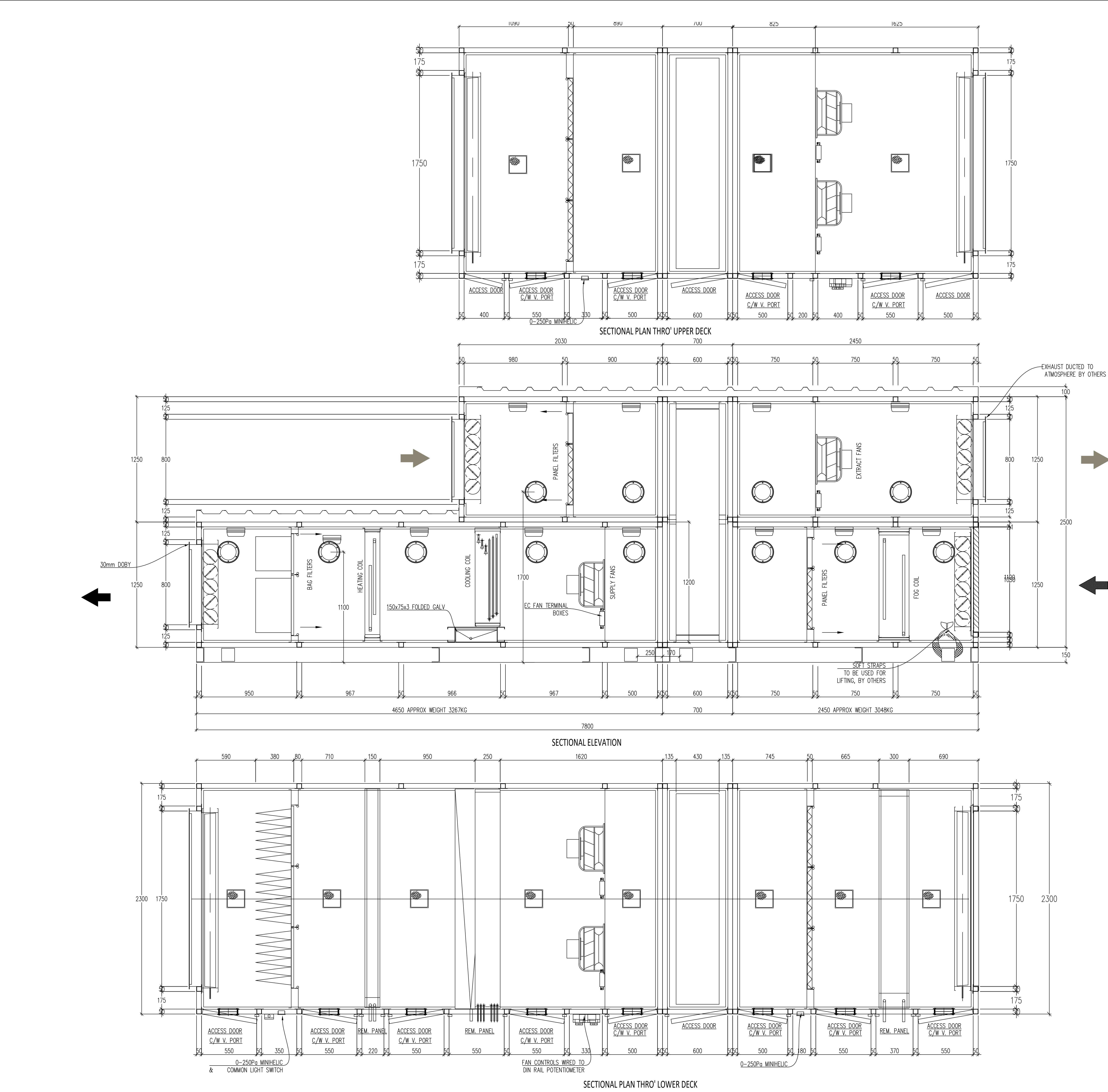




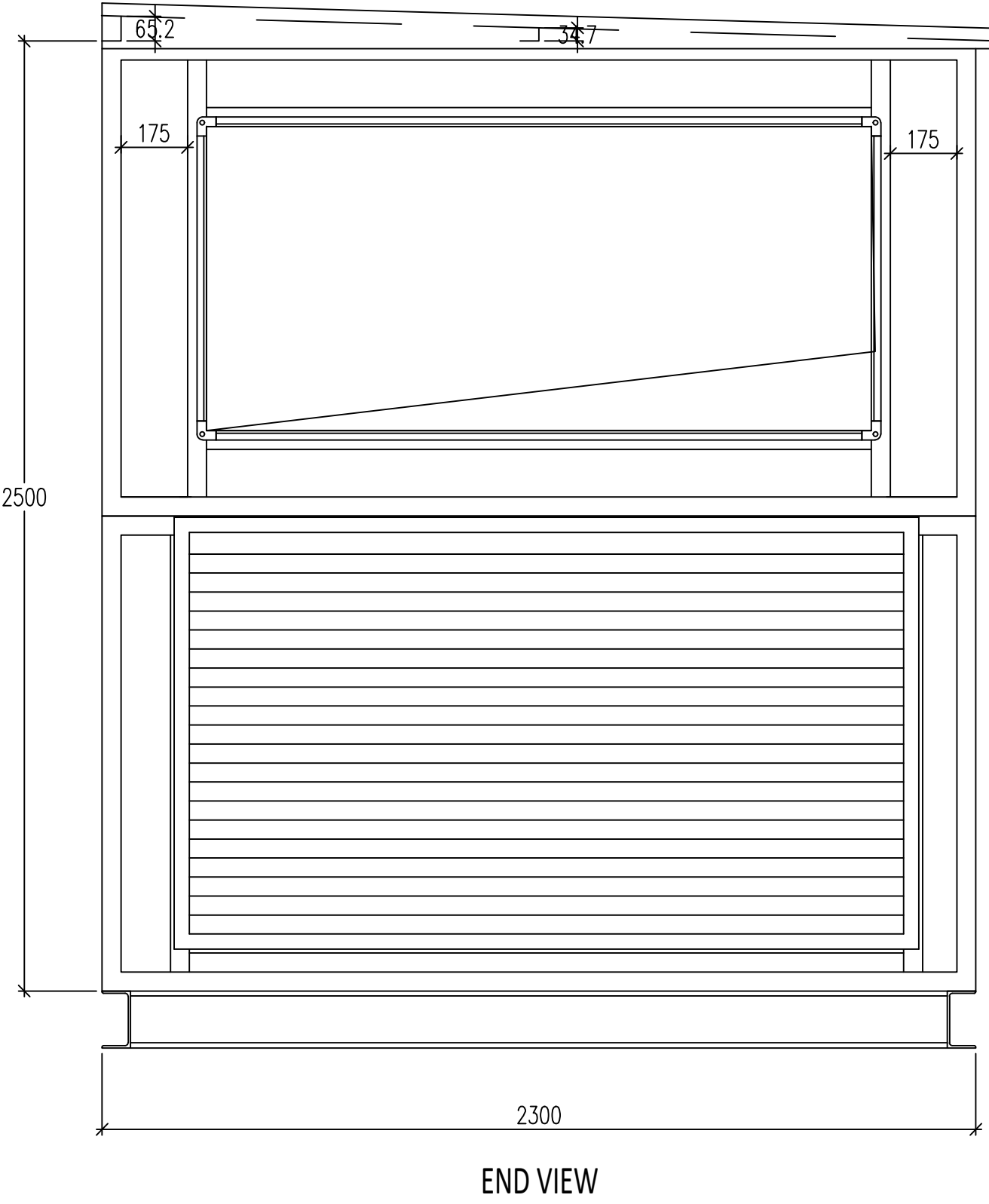
WORKS NOTES

6mm TYPE DOOR SEALS TO BE USED
REM PANELS TO BE FIXED WITH A MIXTURE OF LOCKING AND NORMAL BRIDGE CLAMPS
CORNERS & FILTER FRAMES TO BE TOTALLY SEALED

ADDITIONAL NOTES

REVISION	DATE	AMENDMENT
A	12.1.22	RECUPERATOR MODEL CHANGED & AHU SIZE ALTERED
B	31.1.22	UNIT RE-CONFIGURED TO TAKE A HEATWHEEL & DUTY ALTERED
C	3.2.22	AHU HANDED

WORKS / NOTES	SUPPLY		EXTRACT
	DUTY (M ³ /SEC)	2.25	2.25
	EXT. RES. (Pa)	210	190
	TOTAL RES. (Pa)	950	550
	FAN SIZE	PFP A3 400 2.6	PFP A3 355 2.1
	FAN SPEED (RPM)	2178	2253
	SOUND (dBHz - 80Hz)	77 79 85 80 74 72 67 61	75 82 77 76 69 66 59
	MOTOR (KW/FRAME)	2x2.8	2x2.2
	ELECTRICITY SUPPLY	415/3/50	415/3/50
	PULL LOAD (AMPS)	2x4.2	2x3.3
	FANS RUN TOGETHER TO ACHIEVE DUTY		
FILTERS	G4 PANEL		G4 PANEL
	QUANTITY/SIZE (WxHxL)	3 - 600x600x50	3 - 600x600x50
	QUANTITY/SIZE (WxHxL)	3 - 600x300x50	3 - 600x300x50
	SARE SETS		
	TYPE OF GAUGE	MINIHELIC	MINIHELIC
COOLING	F7 BAG		
	QUANTITY/SIZE (WxHxL)	3 - 600x600x380	
	QUANTITY/SIZE (WxHxL)	3 - 600x300x380	
	SARE SETS		
	TYPE OF GAUGE	MINIHELIC	
HEATING	FOG COIL		HEATING
	SIZE (WxHxL)		
	TUBES/FIN MATERIAL	CU/ BARE TUBE	CU/CU
	KW/No OF STAGES	27.45KW 1 STAGE	LPWH @ 50/45
	ON COIL (°C)	-5.0	5
	OFF COIL (°C)	5.0	25
	MEDIUM	PHW @ 50/45	LPWH @ 50/45
	HYDRAULIC RES. (KPa)	1.30/s @ 18Kpa	2.85/s @ 24.0Kpa
	ELEMENTS		
	CASING MAT.	GALV	GALV
	WEIGHT		
	CONNECTIONS		
COOLING	COOLING		
	SIZE (WxHxL)		
	TUBES/FIN MATERIAL	CU/CU POLY COAT	
	KW/No OF STAGES	61KW 3 STAGE	
	ON COIL	30/50% RH	
	OFF COIL	16/14.9	
	MEDIUM	R32 EVAP @ 5.0	
	HYDRAULIC RES. (KPa)		
	ELEMENTS		
	CASING MAT.	ST/STEEL	
	WEIGHT		
	CONNECTIONS		
	DRAIN TRAY	22mm PLAIN	
HEATWHEEL	HM1 LL SV 1*900 PR V7 A1 5, W2100,H2100		
	SUPPLY AIR ON °C	5	
	SUPPLY AIR ON °C	21.1	
	TEMPERATURE		
	TEMP EFFICIENCY	80.3%	
	CONTROLLER		
	MOTOR (KW)	MRHX-08N 2.4A	
BASE	150x75 RSC GALVANIZED		
	BASE	150x75 RSC GALVANIZED	
	DAMPERS	3 No 1750Wx800H Motorised by others	
	WEATHER LOUVER	1745Wx1045Hx500 50mm PITCH	
	F.A.I DAMPER	1750Wx900H Motorised by others	
FRAMEWORK	P150-45 ALUMINIUM PENTAPOST		
	FRAMEWORK	P150-45 ALUMINIUM PENTAPOST	
	PANEL TYPE	50mm INSULATED	
	COOSEMING FINISH	COOSEMING GREY PLASTISOL	
	INTERIOR FINISH	WHITE LAMINATE	
	ACCESS DOORS	HINGED	
	No OF SECTIONS	5	
	WEIGHT (KGS)	APPROX 6317KG	



DELIVERED IN 2 SECTIONS

CUSTOMER

LMB

PROJECT

BARNSELY HOSPITAL - GLASS WORKS

TITLE

AHU 1

Fre-sh-air
bespoke air handling equipment

Victoria Buildings
Albert Street
Lockwood
Huddersfield
HD1 3PR
Tel: (01484) 422625
E-Mail: projects@fshaw.co.uk
WWW.fshawventilation.co.uk

Sheet Metal Fabrications
Ductwork Specialists
Ventilation Engineers
Canopy Manufacturers

ENGINEER	GT	DRAWN	JA	CHECKED
SCALE	1:15 @ A0	DATE	07.01.2022	
DRG No:	A1977.01	C	REF:	9410