

AHU 3 DESIGN DETAILS

GENERAL NOTES:

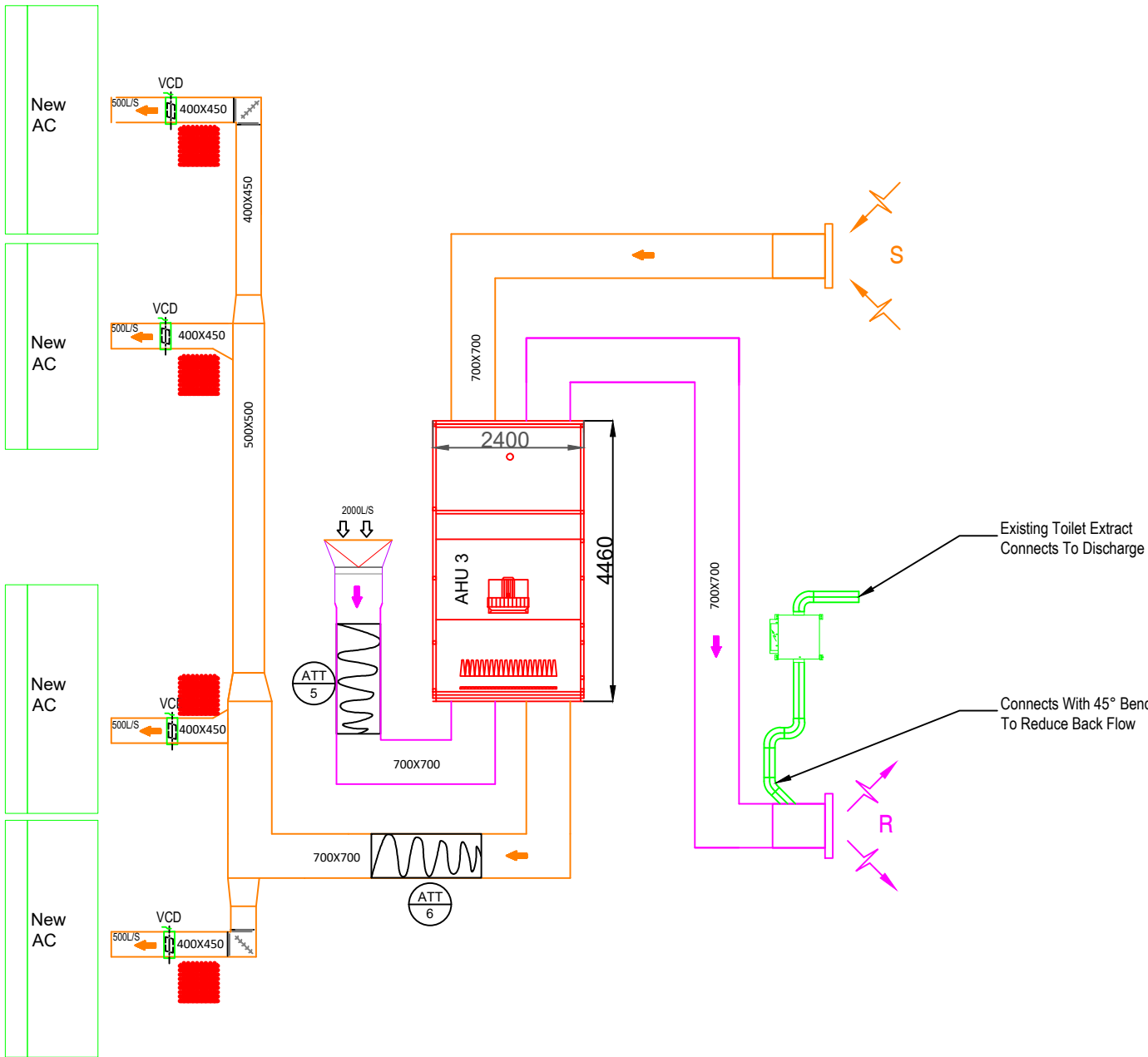
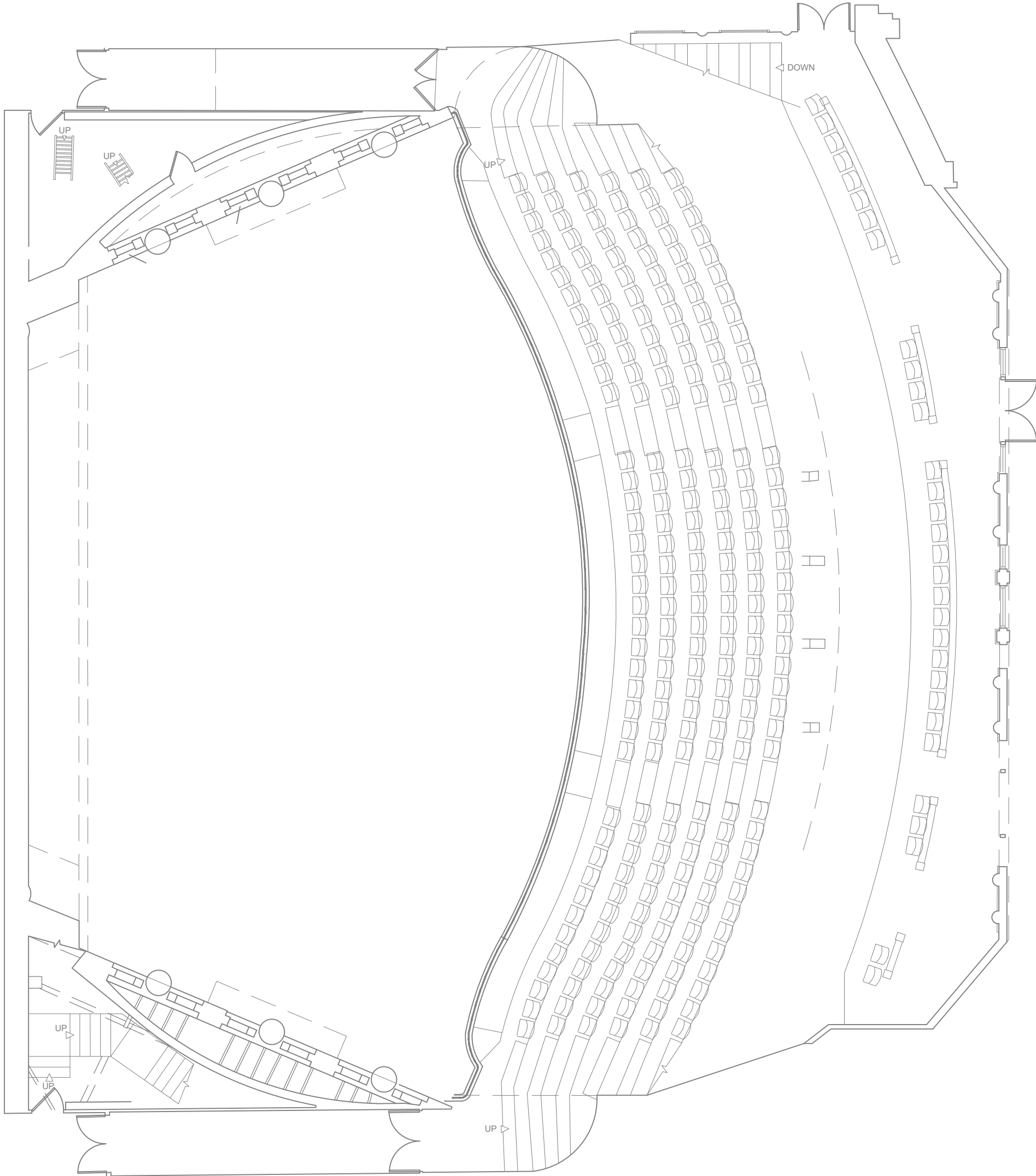
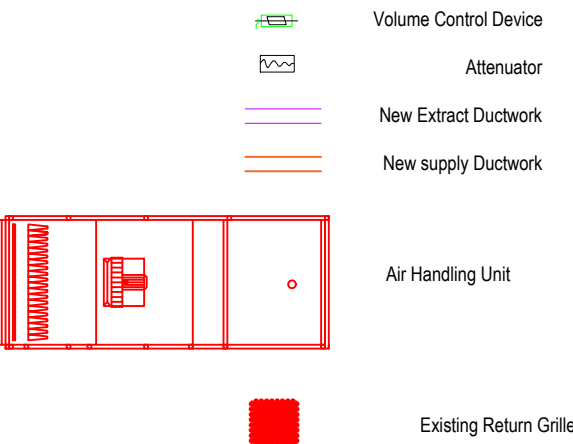
PROJECT DETAILS			
Project No	Revision	Date	Customer
16227	0	30 Sep 2022	SDH Building Services Ltd
Unit No	Project Reference	AHU Reference	Quantity
2	Manchester Palace Theatre	AHU-03	1
Supply Air Flow	Supply ESP	Extract Air Flow	Extract ESP
2 m³/s	250 Pa	2 m³/s	250 Pa

SPECIFIC FAN POWER				
AHU SFP kW/(m3/s)	Supply Absorbed (kW)	Extract Absorbed (kW)	Overall (kW)	Filter Condition
1.54	1.64	1.44	3.08	Clean

UNIT CONSTRUCTION		
Unit location	Roof Type	Panel External Sheet
Internal	None	0.7mm Plastisol Goosewing Grey
Frame Material	Frame Profile	Panel Thickness/Insulation
Aluminium	50mm profile 25mm panels	AS25
Base Construction	Base Height	Panel Internal Steel
70 Galv 2.5 gauge	70 mm	0.9mm Galvanized Steel
Access Side	Unit Model	Leakage Class
Right	AHPHX 1200-5025-AS-INT	L2
Flow Arrangement	Unit Arrangement	
Opposite	Side by side	

AHU OVERALL UNIT DIMENSIONS AND WEIGHT - Unit supplied in one section unless otherwise agreed			
Length	Width	Height	Weight (Per Unit)
4460 mm	2400 mm	1270 mm	1733 kg

LEGEND:



D	"FOR APPROVAL"	C.N.	S.H.	15/12/22
C	"FOR APPROVAL"	C.N.	S.H.	06/12/22
B	"FOR APPROVAL"	C.N.	S.H.	05/12/22
A	"FOR APPROVAL"	C.N.	S.H.	28/11/22
REV.	DESCRIPTION	DES.	CHK'D	DATE



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PROJECT	
PALACE THEATRE MANCHESTER	

TITLE	
CIRCLE TIER HVAC LAYOUT	

STAGE	
"FOR APPROVAL"	
SCALE	ORIGINAL SIZE
1:100	A1
DATE	NOV / 2022
DRAWN	DESIGNED
C.N.	C.N.
CHECKED	S.H.
DRAWING NUMBER	REVISION
SDH-PTM-M02	D