

AS BUILT

NOTES:



ALL DIMENSIONS ARE IN MM.

COMPLETE DUCT FABRICATION ARE AS PER SMACNA STANDARD.
TYPE OF JOINTS AS GIVEN BELOW

SL.NO	DUCT SIZE	TYPE OF JOINT
1.	UP TO 750 MM	25X25X3 ANGLE IRON FLANGE
2.	751 TO 1500 MM	32X25X3 ANGLE IRON FLANGE

THERMAL INSULATION DUCTING ARE COVERED WITH CLASS 'O' XLPE MATERIAL. ALL FLANGE JOINTS SHALL BE COVERED WITH '3' SELF ADHESIVE FOIL FACED XLPE TAPES

SL.NO	APPLICATION	INSULATION
1.	SUPPLY DUCT 10MM THK	
2.	RETURN DUCT 13MM THK	
3.	EXPOSED DUCT 25MM THK WITH GLASS CLOTH &UV PAINT	
4.	EXPOSED RAD 10MM THK WITH GLASS CLOTH &UV PAINT	

SEPERA DETAILS:-					
TYPE	DUCT CFM	DUCT SIZE W x D	CUTOUT FOR GRILL W x H	BOTTOM LVL FROM FFL	NOS
 SEPERA	700CFM	750 X 100	750 X 300	200 mm	7
	500CFM	600 X 100	600 X 300	200 mm	13
	350CFM	450 X 100	450 X 300	200 mm	23
SEPERA DETAILS:-					
TYPE	FILTER SIZES	PANEL CUTOUT	DUCT CFM	GRILL SIZE	NOS
 SEPERA	610x810x150	690 x 690	1000	725 X 725	7
	450x450x150	530 x 530	540	565 X 565	2

FIRST FLOOR HVAC ASBUILT LAYOUT

HVAAC VENDOR:		PLOT NO. 28, IDA MALLAPUR,NACHARAM, HYDERABAD-500 076. Ph- 040-27176661 27176662 27176663 E-mail Pavanengineering@gmail.com	
 PAVANI ENGINEERING <small>Consulting & Designing</small>		 MERIDIAN Engineers & Consultancy Services Creditable	
JOB NO: 521 SCALE: NTS	TITLE: First Floor HVAC Asbuilt Layout, Microbiology, DCL. DRG NO: PE-4000551-DCL-HVAC-IF-AB		
MEP CONSULTANTS:			
Plot No.43, Srinivasa Colony (West), Hyderabad 500 038 Ph: 040 40117248, E Mail: contact@meridianmep.com www.meridiandesigns.com			
TURNKEY CONTRACTOR		SUDHA ANALYTICALS SVS. NO. 118, PLOT NO. 18 PART, IDA BALANAGAR, BALANAGAR, HYDERABAD - 500037 TEL (+91) 40 23810902 / 906 www.sudhanalyticals.com	
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