



# TERRACE FLOOR HVAC ASBUILT LAYOUT

HVAC LEGENDS		

NOTES:-		
1. ALL DIMENSIONS ARE IN MM.		
2. COMPLETE DUCT FABRICATION SHALL BE AS PER SMACNA STANDARD. TYPE OF JOINTS AS GIVEN BELOW.		
SLNO	DUCT SIZE	TYPE OF JOINT
1.	UP TO 750 MM	25X25X3 ANGLE IRON FLANGE
2.	751 TO 1500 MM	32X32X3 ANGLE IRON FLANGE
3. THERMAL INSULATION: DUCTING SHALL BE COVERED WITH CLASS 'O' XLPE MATERIAL. ALL FLANGE JOINTS SHALL BE COVERED WITH 3" THK SELF ADHESIVE FOIL FACED XLPE TAPES.		
SLNO	APPLICATION	INSULATION
1.	SUPPLY DUCT	19MM THK
2.	RETURN DUCT	13MM THK
3.	EXPOSED SAD	25MM THK WITH GLASS CLOTH & UV PAINT
4.	EXPOSED RAD	19MM THK WITH GLASS CLOTH & UV PAINT

HVAC VENDOR:

**PAVANI ENGINEERS**  
PLOT NO. 26, IDA MALLAPUR NACHARAM, HYDERABAD-500 076  
Ph: 040-27176661, 27176662, 27176663  
E-mail: Pavaniengineers@gmail.com

JOB No: 551

TITLE: Terrace Floor HVAC Asbuilt Layout - Microbiology, DCL.

SCALE: NTS

DRG. No: PE-4000-551-DCL-HVAC-TF-AB

MEP CONSULTANTS:

**MERIDIAN**  
Engineers & Consultancy Services  
Plot No.43, Srinivasa Colony (West), Hyderabad-500 038  
Ph: 040 40117248, E Mail : contact@meridianmep.com  
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TURNKEY CONTRACTOR

SUDHA ANALYTICALS. SY. NO. 118, PLOT NO. 18 PART, IDA BALANAGAR, BALANAGAR, HYDERABAD - 500037  
TEL (+91) 40 23810902 / 906  
www.sudhaanalyticals.com

CONSULTANT:

**TSMSIDC**  
TELANGANA STATE MEDICAL SERVICES & INFRASTRUCTURE DEVELOPMENT CORPORATION  
2ND FLOOR, DM & HS CAMPUS, SULTAN BAZAAR, KOTI, HYDERABAD - 500 095.

CUSTOMER:

**DRUG CONTROL LABORATORY, VENGALRAO NAGAR, HYDERABAD**