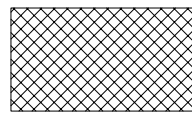
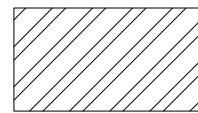


Area:-10318

AUDITORIUM LEVEL



ACOUSTIC INSULATION



THERMAL INSULATION

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES
2. DIMENSIONS ARE TO BE READ AND NOT MEASURED

GENERAL NOTES :

1. ALL SUPPLY DUCTS SHALL BE INSULATED ACOUSTICALLY BY 12 MM THICK FINALLY COVERED WITH PERFORATED AI SHEET 26 SWG - UPTO 6M FROM THE BLOWER MOUTH.
2. ALL SUPPLY THERMALLY TO BE INSULATED THERMALLY BY 25 MM THICK R.B.FIBRE GLASS (24 KG/CUM) LAMINATED WITH AI FOIL FINALLY COVERED WITH CHICKEN WIRE-MESH. AFTER ACOUSTIC INSULATION.
3. ALL CHILLED WATER PIPES SHALL BE INSULATED WITH 50 MM THICK THERMOCOLE TF TYPE IN PIPE SECTION, SHALL BE INSULATED WITH 50 MM THICK THERMOCOLE TF TYPE IN PIPE SECTION, COVERED WITH PIPE WRAP TAPE. FINALLY COVERED WITH 24 SWG AI CLADDING THICK SAND CEMENT PLASTER AND 28 SWG AL CLADDING.
4. ALL CONDENSATE DRAIN PIPES SHALL BE INSULATED BY 25 MM THICK THERMOCOLE AND FINISHED WITH CHICKEN WIRE-MESH AND 12 MM THK SAND CEMENT PLASTER.
5. EACH AHU ROOM SHALL HAVE 15NB WATER CONNECTION TO FILTER CLEANING TANK.
6. EACH AHU ROOM SHALL HAVE GOOD FLOOR DRAIN PREFERABLY WITH NAHANI (FLOOR) TRAP.
7. ALL AHU ROOM DOOR 1200 x 2100 (W x H) OPENING OUTSIDE.
8. ALL AHU ROOM SHALL BE PROVIDED WITH ADEQUATE LIGHTING AND ONE PROTECTED PLUG POINT.
9. AHU ROOM BRICK WALL SHALL BE UPTO FALSE CEILING LEVEL. NO BRICK WALL SHALL BE DONE ABOVE FALSE CEILING LEVEL.
10. FRESH AIR GRILL OPENING SHALL BE AT BELOW THE DOOR LINTEL.

11. INDICATION OF THERMAL INSULATION
12. INDICATION OF ACOUSTIC INSULATION

PROJECT:
**MIZORAM UNIVERSITY
TANHRIL, AIZAWL**

CLIENT:
MIZORAM UNIVERSITY

**1000 CAPACITY
AUDITORIUM**

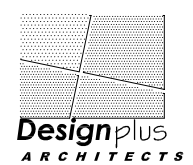
TITLE:
HVAC DUCT LAYOUT

STATUS - FINAL

| | | |
|-----------------|--|---|
| MEP CONSULTANTS | HVAC PLUMBING SEWERAGE ELECTRICAL FIRE SAFETY ENERGY AUDIT WATER TREATMENT SECURITY SYSTEM BUILDING AUTOMATION | Activ Consulting Engineers (India) Pvt. Ltd. 2nd Floor, Kamal C Plaza Opp Bore Service Station G S Road, Guwahati 781 007 tel: 98640-28822, 94351-99481 email: guwahati@activindia.com MUMBAI GUWAHATI |
| | | |

SCALE: 1:100 DRAWING NO. AC/26/HVAC/02

| | |
|--------------------|--------------|
| DATE: 12-10-09 | REVISION NO: |
| DRAWN BY: BIJUMONI | 01 |
| CHECKED BY: M.T. | |



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