



- 1-ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE NOTED.
- 2-ALL ELEVATIONS AND COORDINATES ARE IN METERS.
- 3-ALL FLOW RATES ARE IN L/S
- 4-THE EXECUTIVE CONTRACTOR MUST CHECK ALL DIMENSIONS AT SITE PRIOR TO ANY FABRICATION & CONSTRUCTION.
- 5-THE EXECUTIVE CONTRACTOR SHALL PREPARE SHOP DRAWINGS WHICH HAVE BEEN COORDINATED WITH OTHER TRADES BEFORE OF ANY FABRICATION AND INSTALLATION.
- 6-THE MATERIAL OF ALL DUCTWORK SHALL BE GALVANIZED STEEL SHEET METAL CONFORM TO ASTM A653/A653M.
- 7-THE MATERIAL OF DUCTWORK INSIDE BATTERY ROOM SHALL BE STAINLESS STEEL SHEET.
- 8-ALL HVAC SUPPLY DUCTS INSIDE CONDITIONED AREAS (EXCEPT IN BATTERY ROOM) SHALL BE INSULATED WITH 19mm ELASTOMERIC MATERIAL (EPDM) AND COVERED BY VAPOR BARRIER AND ALUMINUM FOIL.
- 9-ALL SAND TRAP LOUVERS SHALL BE MADE OF GALVANIZED SHEET.
- 10-ALL DIFFUSERS, GRILLES AND REGISTERS (EXCEPT IN BATTERY ROOM) SHALL BE MADE OF ALUMINUM SHEET. FOR BATTERY ROOM, ALL DIFFUSERS AND GRILLES SHALL BE MADE OF STAINLESS STEEL.
- 11-ALL MANUAL VOLUME DAMPERS AND FIRE DAMPERS SHALL BE MADE OF GALVANIZED SHEET.
- 12-ACCESS DOOR SHALL BE CONSIDERED FOR ALL FIRE DAMPERS.
- 13-SIZE AND DIMENSION OF PACKAGED UNIT AND EXHAUST FANS WILL BE FINALIZED AFTER PURCHASE ORDER.
- 14-THE BATTERY ROOM EXHAUST FAN MUST BE EXPLOSION PROOF TYPE (Eex d-IIC-T3)
- 15-CONNECTION OF DUCTS TO THE FAN FILTER UNITS AND EXHAUST FANS SHALL BE ADJUSTED AT SITE.
- 16- ALL EXHAUST DUCT INSIDE CONDITIONED AREA SHALL BE INSULATED WITH 19mm ELASTOMERIC MATERIAL (EPDM) AND COVERED BY VAPOR BARRIER AND ALUMINUM FOIL.

LEGEND

KEY PLAN

Project
Completing the Remaining Documents of Design
and Engineering Services for LAB2 Unit

DRAWING TITLE:

Process Control Building No.03 HVAC Roof PLAN

OLD Doc. No.: -		Doc. No.: LRP-TNA-HV-19-DWG-0004	
Size: A1	SHEET No.	1 OF 1	REV. 02