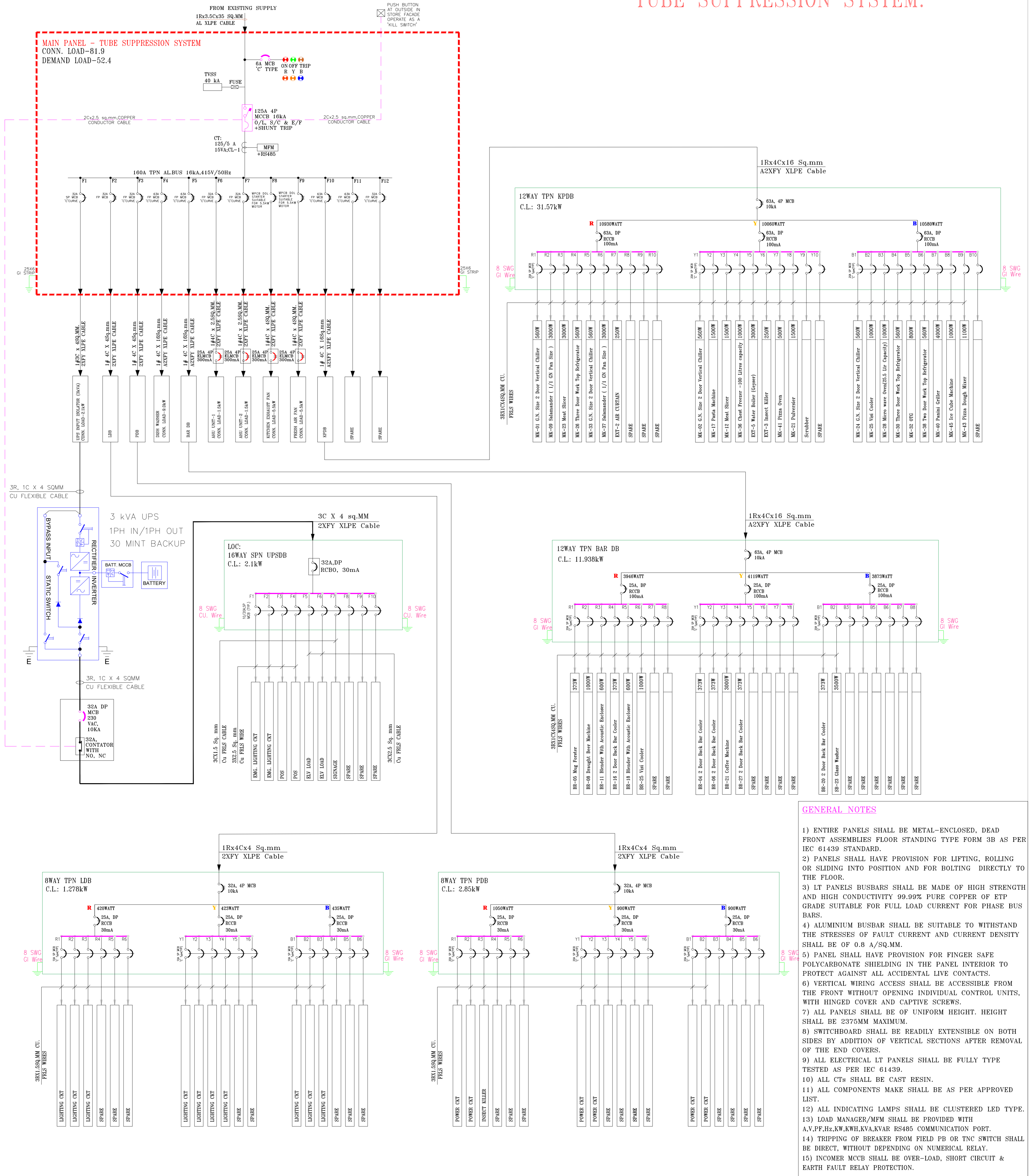


NOTE -  
PLEASE PROVIDE ALL DB'S WITH  
TUBE SUPPRESSION SYSTEM.



- GENERAL NOTES**
- ENTIRE PANELS SHALL BE METAL-ENCLOSED, DEAD FRONT ASSEMBLIES FLOOR STANDING TYPE FORM 3B AS PER IEC 61439 STANDARD.
  - PANELS SHALL HAVE PROVISION FOR LIFTING, ROLLING OR SLIDING INTO POSITION AND FOR BOLTING DIRECTLY TO THE FLOOR.
  - LT PANELS BUSBARS SHALL BE MADE OF HIGH STRENGTH AND HIGH CONDUCTIVITY 99.99% PURE COPPER OF ETP GRADE SUITABLE FOR FULL LOAD CURRENT FOR PHASE BUS BARS.
  - ALUMINIUM BUSBAR SHALL BE SUITABLE TO WITHSTAND THE STRESSES OF FAULT CURRENT AND CURRENT DENSITY SHALL BE OF 0.8 A/SQ.MM.
  - PANEL SHALL HAVE PROVISION FOR FINGER SAFE POLYCARBONATE SHIELDING IN THE PANEL INTERIOR TO PROTECT AGAINST ALL ACCIDENTAL LIVE CONTACTS.
  - VERTICAL WIRING ACCESS SHALL BE ACCESSIBLE FROM THE FRONT WITHOUT OPENING INDIVIDUAL CONTROL UNITS, WITH HINGED COVER AND CAPTIVE SCREWS.
  - ALL PANELS SHALL BE OF UNIFORM HEIGHT. HEIGHT SHALL BE 2375MM MAXIMUM.
  - SWITCHBOARD SHALL BE READILY EXTENSIBLE ON BOTH SIDES BY ADDITION OF VERTICAL SECTIONS AFTER REMOVAL OF THE END COVERS.
  - ALL ELECTRICAL LT PANELS SHALL BE FULLY TYPE TESTED AS PER IEC 61439.
  - ALL CTs SHALL BE CAST RESIN.
  - ALL COMPONENTS MAKE SHALL BE AS PER APPROVED LIST.
  - ALL INDICATING LAMPS SHALL BE CLUSTERED LED TYPE.
  - LOAD MANAGER/MFM SHALL BE PROVIDED WITH A.V.PF.Hz.KW.KVA.KVAR RS485 COMMUNICATION PORT.
  - TRIPPING OF BREAKER FROM FIELD PB OR TNC SWITCH SHALL BE DIRECT, WITHOUT DEPENDING ON NUMERICAL RELAY.
  - INCOMER MCCB SHALL BE OVER-LOAD, SHORT CIRCUIT & EARTH FAULT RELAY PROTECTION.

3Nos.x3.5Cx120x2XFY/A2XFY  
SQ.MM OF THE CABLE  
CORE OF THE CABLE  
RUN OF THE CABLE