



## REFERENCE NOTES : SCHEMATICS

1. REFER TO BOQ, DETAIL, QUALITY AND GENERAL SPECIFICATION FOR DETAILED REQUIREMENTS
2. DB'S SHALL BE SUPPLIED COMPLETE WITH DOORS AND BE ABLE TO BE LOCKABLE BY PADLOCK.
3. NO PLASTIC HINGES, LOCK MECHANISMS OR TRAYS.
4. SPARE WAYS SHALL BE BLANKED OFF WITH ONE COLOUR BLANKS ONLY.
5. CABLE NUMBERS - USE COT REFERENCE, I.E. "L1" AND LABEL CABLE BELOW / ABOVE DB & AT REFERENCE, WITH PRINTED AL CABLE LABEL IN HOLDER AND THE LIVE CONDUCTOR AT EACH TERMINATION POINT WITH RING NUMBERS OF SAME NOTATION.
6. DB SHALL HAVE A4 SIZE LEGEND CARD HOLDER WITH LEGEND CONTAINING ALL EQUIPMENT IN THE DB CORRESPONDING TO WAY IDENTIFICATION ON TRAFFOLITE LABEL RAIL BELOW EACH BREAKER ROW, IT SHALL FURTHER IDENTIFY THE ASSOCIATED CIRCUIT BY PURPOSE, I.E. "P1", THE FEEDER BREAKER SIZE, I.E. "20A SP" AND THE FEEDER CONDUCTOR SIZE AND TYPE, I.E. "2.5mm<sup>2</sup> x 3C SWA".
7. THE DB SHALL HAVE A PRINTED TRAFFOLITE LABEL IN RAIL OUTSIDE WITH "DB NAME", "SUPPLIED FROM" AND THE CABLE SIZE, NOTED ON THE LABEL.
8. ONLY SWITCHGEAR OF ONE MANUFACTURER ARE ALLOWED.
9. CASCADING TO BE APPLIED WHERE POSSIBLE.
10. ALL SPARE WAYS SHALL BE BLANKED OFF WITH WHITE BLANKS.
11. ALL DB'S AND ALL SEPARATELY OPENABLE SUB SECTIONS IN DB'S SHALL HAVE A4 LAMINATE HOLDERS WITH SCREW FIX RIGID PERSPEX COVERS.
12. ALL MECHANICAL EQUIPMENT LOADS TO BE CONFIRMED WITH SUCCESSFUL MECHANICAL CONTRACTOR PRIOR TO DB APPROVAL. PROVIDE SCHEDULE WITH DEVIATIONS TO ENGINEER AT EARLIEST OPPORTUNITY TO PREVENT DELAYS ON DB APPROVALS.
13. ALL CONTACTORS SHALL BE OF ONE MANUFACTURER ONLY.
14. PANEL BUILDER TO PROPOSE BEST LAYOUT CONFIGURATION - Q NUMBERS ARE PRELIMINARY!  
NOTE: PHASING TO BE DONE ONCE EQUIPMENT LOADS ARE KNOWN. PANEL BUILDERS TO BALANCE LOADS ON BREAKER SIZING.
15. IF EXISTING SUPPLY CABLE PASS INSULATION RESISTANCE TEST, IT SHALL BE RE-USED.
16. EQUIPMENT THAT PLUGS IN (1PH & 3PH) MUST BE PROTECTED BY EARTH LEAKAGE UNITS.

[illegible]