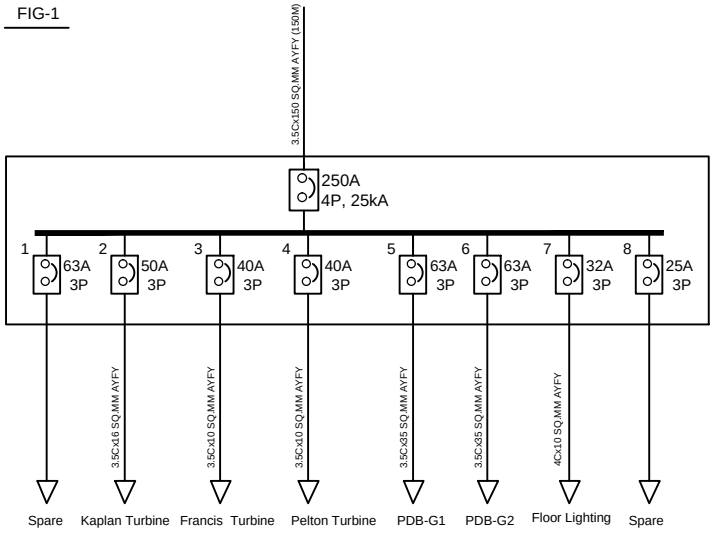
SSB- F.M LAB

FIG-1



SSB- Electrical LAB

FIG-2

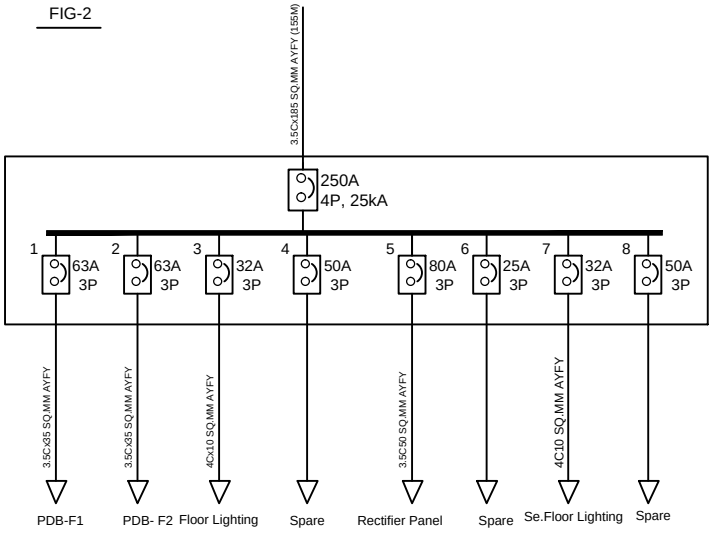


FIG-3

SSB- ELECTRICAL LAB

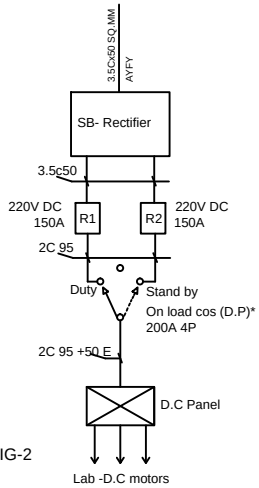
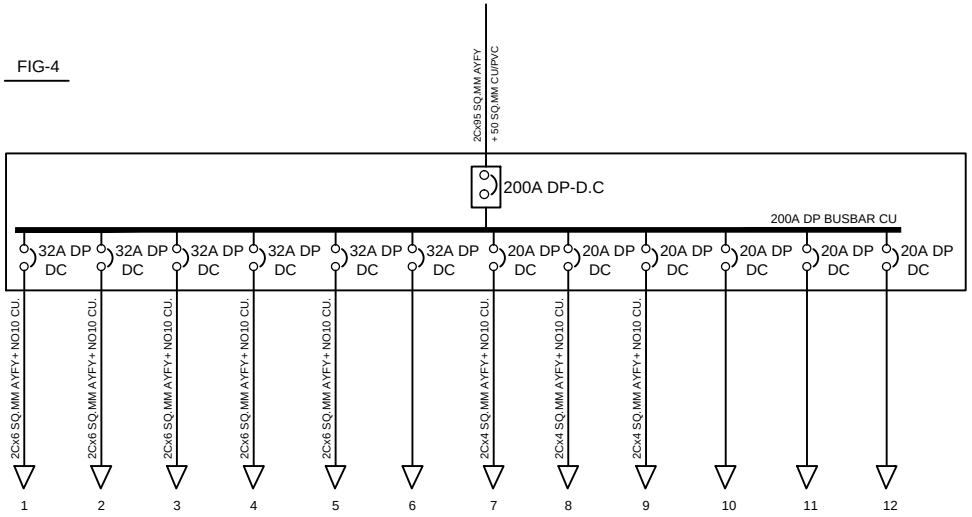


FIG-2

D.C SUPPLY SCHEME

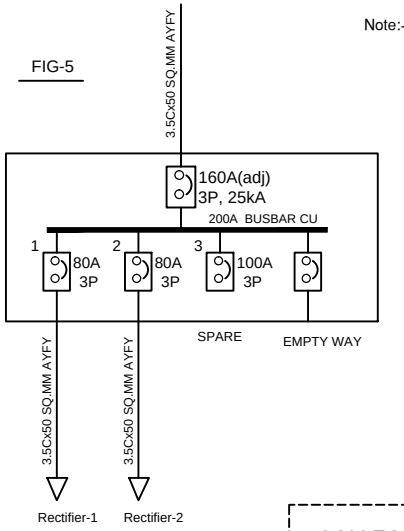
DC PANEL FOR ELE. LAB

FIG-4



S.B Rectifier

FIG-5



Note:- All outgoing MCCB's 25kA

*Each pair of adjacent poles to be looped using Cu. and switch made 2 pole (+ & -ive to be marked)

Main I/C cables from COS panel in Old Building
2 nos 100 mm ducts for cables provided.
2 nos smaller ducts for earth leads

1. 5.2 KW D.C MOTOR COUPLED COMPOUND GENERATPR
2. 5.2 KW SHUNT MOTOR + CYLINDRICAL ALTERNATOR
3. 5.2 KW SHUNT MOTOR + CYLINDRICAL ALTERNATOR
4. 5.2 KW COMPOUND MOTOR + D.C GENERATOR
5. 5.2 KW SHUNT MOTOR + SALIENT POLE ALTERNATOR
6. SPARE
7. 3.7 KW D.C SHUNT MOTOR
8. 3.7 KW D.C SHUNT MOTOR
9. 3.7 KW SERIES MOTOR
10. SPARE
11. SPARE
12. SPARE

COLLEGE OF ENGINEERING ARANMULA

Electrification of Work Shop Building -Panels schematic

CONSULTANTS

Esbesons Engg. co P(Ltd) Kottayam

Drg. no:9/10
Rev:0
scale: NTS
Date:Dec/2015