

CALAIAN

DISTRIBUTION BOARD

1. UNLESS OTHERWISE SPECIFIED, ALL RCCBs SHALL HAVE THE FOLLOWING SENSITIVITIES.
2. UNLESS OTHERWISE SPECIFIED, ALL MCBs SHALL HAVE A MINIMUM DP RCBS - 100mA FOR DB LIGHTING, DB COMPARTMENT, SSO & DB ACORN DP RCBS - 30mA FOR SWITCHED SOCKET OUTLET)
3. CABLE SIZE FOR LIGHTING FINAL CIRCUIT :-
- | CABLE SIZE | CABLE SIZE |
|---|--|
| 10A
2.5 x 2.5 sq. mm PVC N CONCEALED G.S CONDUIT
C/W 1 x 1.5 sq. mm PVC CPC | 10A
2.5 x 2.5 sq. mm PVC N CONCEALED G.S CONDUIT
(F/H/M/S)
2 x 2.5 sq. mm MMS CABLE IN CONCEALED G.S CONDUIT C/W 1 x 2.5 sq. mm MMS CPC |
| 20A
2.5 x 2.5 sq. mm PVC N CONCEALED G.S CONDUIT
C/W 1 x 1.5 sq. mm PVC CPC | 20A
2.5 x 2.5 sq. mm PVC N CONCEALED G.S CONDUIT
(AC SHUT UNIT)
C/W 1 x 1.5 sq. mm PVC CPC |
4. CABLE SIZE FOR POWER FINAL CIRCUIT :-
- | CABLE SIZE | CABLE SIZE |
|---|---|
| 16A
2.5 x 2.5 sq. mm PVC N CONCEALED G.S CONDUIT
C/W 1 x 1.5 sq. mm PVC CPC | 16A
2.5 x 2.5 sq. mm PVC N CONCEALED G.S CONDUIT
C/W 1 x 1.5 sq. mm PVC CPC |
| 20A
2.5 x 2.5 sq. mm PVC N CONCEALED G.S CONDUIT
C/W 1 x 2.5 sq. mm PVC CPC | 20A
2.5 x 2.5 sq. mm PVC N CONCEALED G.S CONDUIT
C/W 1 x 2.5 sq. mm PVC CPC |
5. CROSS SECTIONAL AREA OF CIRCUIT PROTECTIVE CONDUCTORS (CPC

CROSS-SECTIONAL AREA OF PHASE CONDUCTOR	MIN. CROSS-SECTIONAL AREA OF PROTECTIVE CONDUCTOR (EARTH WIRE)
sq. mm	sq. mm
S < 16	S
16 < S < 35	16
S > 35	S/2

DISAHKAN

PENGARAH KANAN

Ir. HJ. YAKOB BIN ABUL LATIF

b.p PENGARAH PERUNDING REKABENTUK

Ir. HANIZAN BINI SHAFFIL

JURUTERA ELEKTRIK PENGUSAHA KANAN

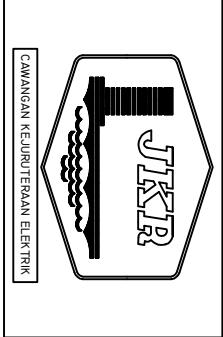
Ir. SITI NOR BINTI HASSANI

JURUTERA ELEKTRIK KANAN

Ir. HANZAH BIN ISMAIL

JURUTERA ELEKTRIK

MOHD FARIQ BIN MOHD FAUZI



Dua Pejabat JKR Malaysia

PROJEK

PRE-APPROVED PLAN (PAP)
KUARTERS KELAS 'D' BERKEMBAR JENIS 1
(2 TINGKAT)

TEMPAT
TINGKAT ATAS

BUTIR-BUTIR

PELAN SUSUNATURI LAMPU, SOKET, PETUNJUK
DAN GAMBARAN PENDAWARAN SKEMATIK
CONSUMER UNIT "CU-D1" (UNIT TIPIKAL)

UKURAN
1 : 75

DISIJIR DARI
MOHD AMREE BIN ZAHARUDIN

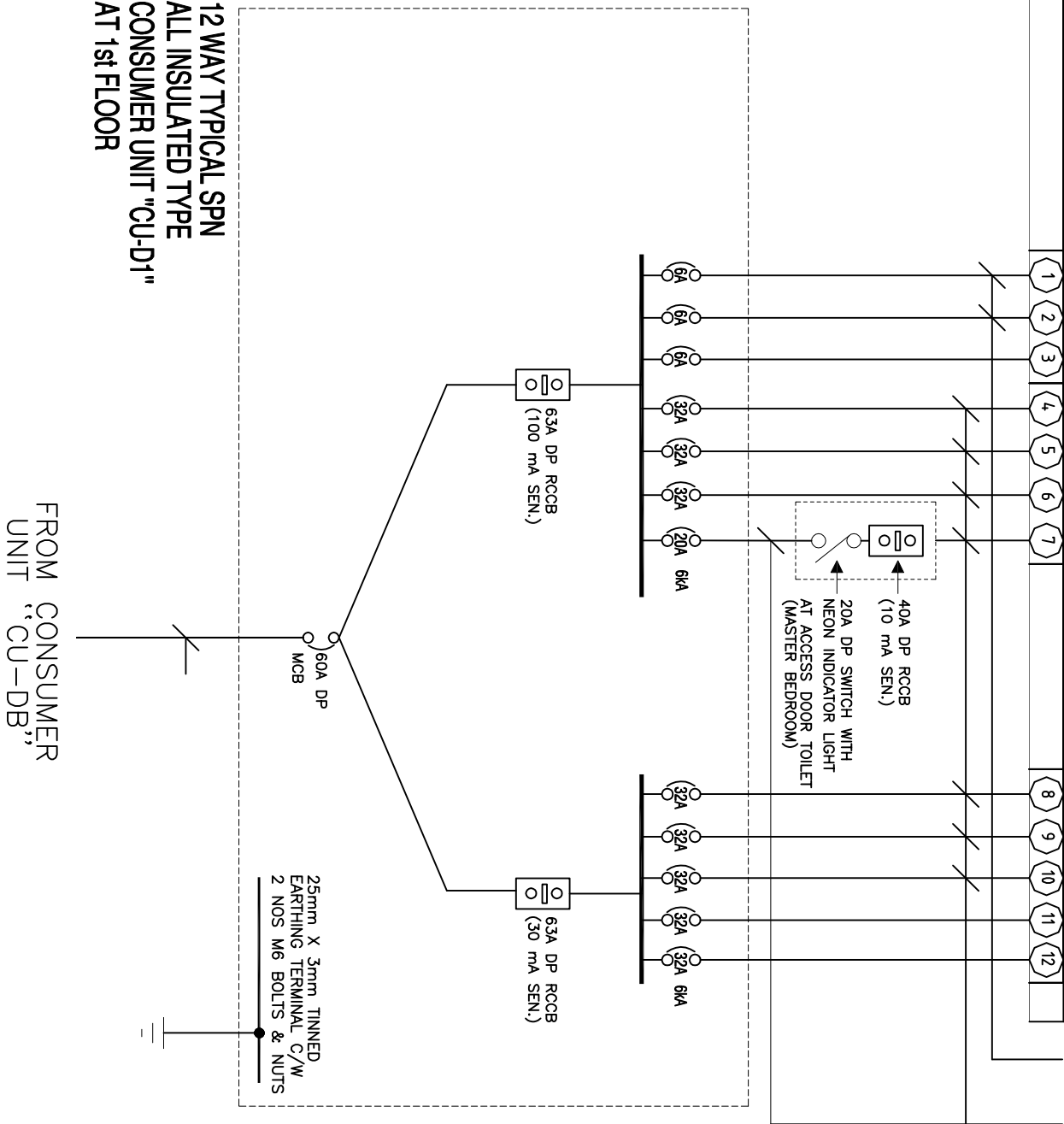
DISEMAK OLEH
MOHD FARIQ BIN MOHD FAUZI

TARIKH
0605 2019

BILANGAN FAIL

BILANGAN LUKSAYAN
1

TOTAL MD WATT (AMPS)													
DIVERSITY FACTOR													
TCL WATT (AMPS)													
CONNECTED LOAD (W)													
WATT (W)													
1 X 18W (F)													
2 X 18W (F)													
1 X 36W (F)													
70W METAL HALIDE FLOODLIGHT													
1500mm DIA. CEILING FAN													
1 X 13A S/S/O													
WATER HEATER													
AIR COND POINT (2HP)													
1492													
CIRCUIT NO.	1	2	3	4	5	6	7	8	9	10	11	12	



12 WAY TYPICAL SPN
ALL INSULATED TYPE
CONSUMER UNIT "CU-D1"
AT 1st FLOOR

FROM CONSUMER
UNIT "CU-DB"