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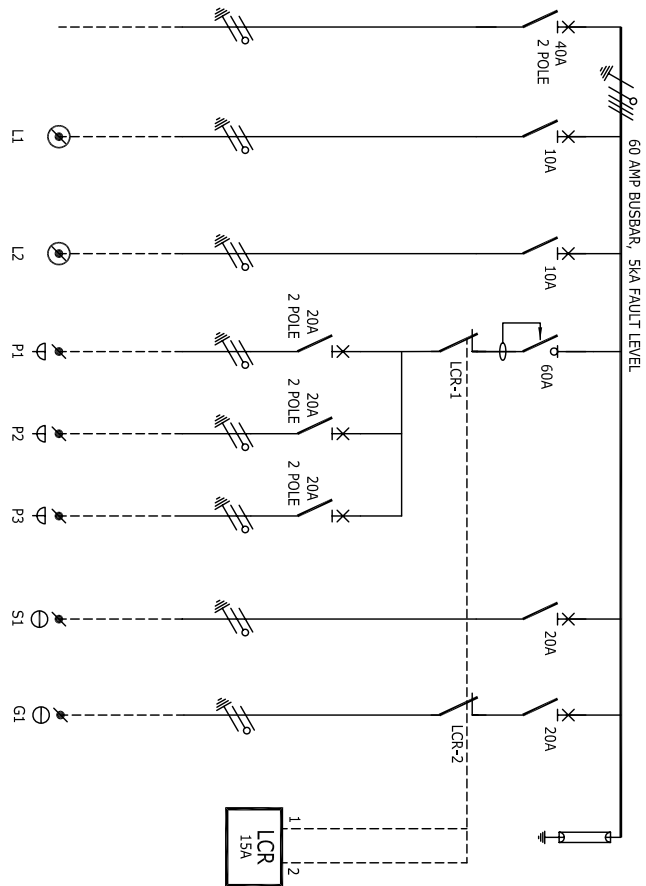
8

GENERAL NOTES:

- A) DROPS/STAIRS TO BE RATED FOR 1 LEFT THROUGH
B) HARNESSED WIRING TO BE DERATED.
C) TUFFNOL BRACES NOT TO BE USED ABOVE 10kV.
D) COPPER BUSBARS TO BE CONTINUOUS RATED.
E) ENCLOSURE TO BE IP54
F) PHASING R.W.B. TOP TO BOTTOM, LEFT TO RIGHT, BACK TO FRONT.
G) INTERNAL TEMPERATURE TO BE LIMITED TO 5° ABOVE ABOVE AMBIENT - MAX. 40°C.
H) CABLE ENTRIES AND GENERAL ARRANGEMENT TO SUIT INSTALLATION CONSTRAINTS.

ADDITIONAL NOTES:

- ① ALL CIRCUIT BREAKERS, ISOLATORS AND EARTH LEAKAGE TO BE TYPE 2 CURVE AND EQUIPMENT TO BE CBI TYPE
② FLUSH MOUNTED CBI DB WITH ARCHITRAVE.
③ DB COLOUR TO BE WHITE
④ DB TO BE BOTTOM ENTRY FOR CABLE AND TOP AND BOTTOM FOR CONDUIT.
⑤ BUSBAR TO BE SHROUDED
⑥ EARTH & NEUTRAL BAR TO BE EASY ACCESSIBLE.
⑦ SUFFICIENT SPACE REQUIRED FOR SAFE ACCESS FOR REWIRING.
⑧ DB TO BE 18 WAY WITH FRONT COVER AND NON TRANSLUCENT CBI TYPE OR SIMILAR

FIELD
CIRCUIT No./
PHASE1
2LCR
15A

DESIGNATION

INCOMER

LIGHTS

LIGHTS

KITCHEN & LOUNGE
SSO'sBEDROOM 2 & 3
SSO'sBEDROOM 1
SSO'sSTOVE
CONTROLLING CCT.HWC
CONTROLLED CCT.LOAD CONTROL
RELAY

WIRING

LOAD (AMPS)
No. OF POINTS
CABLE No.16mm.²alrdac with
2 pilot cable3x1,5mm.² Cu PVC
INSULATED WIRE3x1,5mm.² Cu PVC
INSULATED WIRE3x2,5mm.² Cu PVC
INSULATED WIRE3x2,5mm.² Cu PVC
INSULATED WIRE3x2,5mm.² Cu PVC
INSULATED WIRE2x4mm.² + 2.5mm.² E/W
Cu PVC INSULATED WIRE2x4mm.² + 2.5mm.² E/W
Cu PVC INSULATED WIRE

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TITLE

Community Residential Units
KZN

DRAWING TITLE:

Typical Units DB
SINGLE LINE DIAGRAM

			ENGINEER	DRAWN	DATE:	SCALE:	CHKD.
			S.Nzama	C.H	June 2014	n.t.s PAPER SIZE: A3	
			PROJECT No.	DRAWING No.	SHEET:	REV.	
			11040	402	1 of 1	0	
0	Preliminary	CH	-/06/14				
REV	DESCRIPTION	BY	DATE	CHKD.	FILE Name : 14020_402_0	Lyr: 0:1:1A3	

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Engineers

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