

FIELD CIRCUIT No./ PHASE	DESIGNATION	WIRING	LOAD (AMPS)	No. OF POINTS	CABLE No.
L1	INCOMER	10mm ² 2 CORE PVC SWA PVC ECC CABLE	39		
L2	LIGHTS	3x2,5mm ² Cu PVC INSULATED WIRE	5	7	
	LIGHTS	3x2,5mm ² Cu PVC INSULATED WIRE	5	7	
	DB-G3	10mm ² 2 CORE PVC SWA PVC ECC CABLE	1	1	

REV	DESCRIPTION	BY	DATE	CHKD.	FILE Name : 14020_404_0	Lyr: 0:1:1:3
0	Preliminary	CH	-/06/14		14020	404
					DRAWING No.	SHEET: 1 of 1
					PROJECT No.	REV: 0
					ENGINEER	SCALE: n.t.s
					S.N.zama	PAPER SIZE: A3
					DRAWN	DATE: June 2014
					C.H	CHKD.

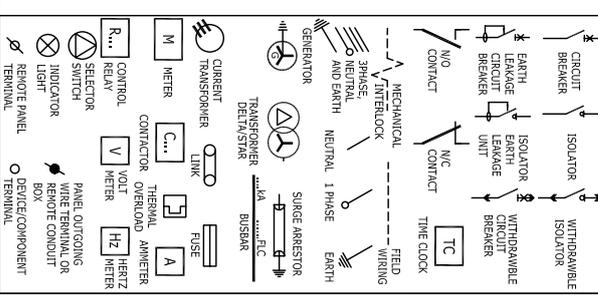
Community Residential Units
KZN
DB-G1 Block 1
Common Area DB
Single Line Diagram

IBUYA Consulting Engineers
"POWERING DEVELOPMENT"

Block D
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- GENERAL NOTES:**
- DROPPERS/TAILS TO BE RATED FOR 1 LEFT THROUGH
 - HARNESS WIRING TO BE DERATED.
 - TYPICAL BRACES NOT TO BE USED ABOVE 10kV.
 - COPPER BUSBARS TO BE CONTINUOUS RATED.
 - ENCLOSURE TO BE IP54.
 - PHASING R.W.B. TOP TO BOTTOM, LEFT TO RIGHT, BACK TO FRONT.
 - INTERNAL TEMPERATURE TO BE LIMITED TO 5° ABOVE ABOVE AMBIENT - MAX. 40°C.
 - CABLE ENTRIES AND GENERAL ARRANGEMENT TO SUIT INSTALLATION CONSTRAINTS.
- ADDITIONAL NOTES:**
- ALL CIRCUIT BREAKERS, ISOLATORS AND EARTH LEAKAGE TO BE TYPE 2 CURVE AND EQUIPMENT TO BE CBI TYPE
 - FLUSH MOUNTED CBI DB WITH ARCHITRAVE.
 - DB COLOUR TO BE WHITE
 - DB TO BE BOTTOM ENTRY FOR CABLE AND TOP AND BOTTOM FOR CONDUIT.
 - BUSBAR TO BE SHROUDED
 - EARTH & NEUTRAL BAR TO BE EASY ACCESSIBLE.
 - SUFFICIENT SPACE REQUIRED FOR SAFE ACCESS FOR REWIRING.
 - DB TO BE 18 WAY WITH FRONT COVER AND NON TRANSLUCENT CBI TYPE OR SIMILAR