



| FIELD CIRCUIT No./ PHASE | DESIGNATION | WIRING | LOAD (AMPS) | No. OF POINTS |
|--------------------------|-------------------------|--|-------------|---------------|
| | INCOMER MAIN L.V. BAORD | | 108 | |
| | GROUND FLOOR-DB-1 | 35mm ² Cu PVC 4 CORE SWA PVC ECC CABLES | 40 | 1 |
| | GROUND FLOOR-DB-2 | 16mm ² airdac 2 pilot WIRES PVC ECC CABLE | 40 | 1 |
| | FIRST FLOOR-DB-3 | 16mm ² airdac 2 pilot WIRES PVC ECC CABLE | 40 | 1 |
| | FIRST FLOOR-DB-4 | 16mm ² airdac 2 pilot WIRES PVC ECC CABLE | 40 | 1 |

| REV | DESCRIPTION | BY | DATE | CHKD. | FILE Name : 14020_403_0 |
|-----|-------------|----|---------|-------|-------------------------|
| 0 | Preliminary | CH | -/06/14 | | |

| ENGINEER | DATE: | SCALE: | CHKD. |
|----------|-----------|--------|-------|
| S.Nzama | June 2014 | n.l.s | |

| PROJECT No. | DRAWING No. | SHEET: | REV. |
|-------------|-------------|--------|------|
| 14020 | 403 | 1 of 1 | 0 |

| TITLE |
|---|
| Community Residential Units KZN Metering Frame Single Line Diagram |

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- GENERAL NOTES:**
- DROPPERS/TAILS TO BE RATED FOR 1 LEFTTHROUGH
 - HARNESSED WIRING TO BE DERATED.
 - TYPHOON 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.
- ELECTRICAL NOTES**
- REMOTE ENERGY DISPENSER.
 - CUSTOMERS USER INTER PHASE (KEYPAD).
 - CONTROL WIRING INTEGRAL WITH POWER CABLE
 - METER FRAME SHOP DRAWING TO BE APPROVED BY ENGINEER. MAXIMUM WIDTH OF 1000mm MANUFACTURER TO SUIT SITE RESTRICTIONS.

