| A REV. | В С | | D | į | E | | F | | G | | Н | 1 | REVISIONS | <u> </u> |
|--|---|--------------|--|--------------|--------------|-------------|-------------------------------|--------------------------|--------------|----------------|--------------|----|--|------------|
| T15056 | | | | | | | | | | | | NC | | DA |
| | | | | | | | | | | | | - | A ISSUED FOR INFORMATION | 13.06. |
| | | | | | | | | | | | | | T ISSUED FOR TENDER | 10.10. |
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| MAIN | T BOARD SUB A | | | | | | | | | | | | | |
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| | 1500 KVA Transformer FED FROM | | | | | | 1500 KVA Transformer FED F | ROM | | | | | | |
| | 2X1250kVA SYNCHRONIZED PANEL | | | | | | 2X125 SYNCH | ROM SOKVA HRONIZED | | | | | | |
| | PANEL | | | | | | PANEL | • | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | CABLE DESCRIPTION KEY: | |
| | 2500A TP 1250A TP | | | | | 25 | OOA TP | 1250A TP | | | | | | |
| | MECHANICALLY — _ ^ MECHANICALLY — Z INTERLOCKED | | | | | \ | ^ MECHANICALLY | | | | | | 1 CABLE SIZE. 2 EARTH WIRE SIZE. 3 DISTANCE/LENGTH. | |
| | | | | | | | | | | | | | 4 FAULT LEVEL. | |
| | | | LOCKED IN "OFF" POSITION | | | | | | | | | | GENERAL NOTES: . ALL FEEDER EQUIPMENT IS 3—PHAS | SF. 4—WIRE |
| | | | | | | | | | | | | | OTHERWISE INDICATED. 2. ALL TYPE NUMBERS REFER TO ABE | |
| | | | X | | | | | | | | | | Equivalent). WHERE TYPE NUMBERS NOT AVAILABLE, SUITABLE ALTERNAT | ARE NOT |
| | | | 2500A TP BUS COUPLER | | | | | | | | | | Equivalent) SHALL BE PROPOSED T APPROVAL. | |
| | | | 533 333 <u></u> | | | | | | | | | | NO CLAIMS FOR ADDITIONAL COSTS ABOVE SHALL BE ENTERTAINED AFT | |
| | | | | | | | | | | | | 3. | CABLE LENGTHS INDICATED ON THIS CALCULATION PURPOSES ONLY. | |
| \ \ | , \$\dag{\pm}\$ | \\$ | \ | \ | Ţ | \.\.\.\.\.\ | ↓ | *\ | \\\\\\\\\\\\ | \. | *\ | 4. | ELECTRICAL CONTRACTOR TO MEASUBUSBARS PRIOR TO ORDERING. | URE ALL CA |
| \ 600A TP | 1600A TP | P \ 400A TP | \ 400A TF | 400A TP | 400A TP | 400A TP | 200A TP \ 200A | TP 200A TP | \ 200A TP | 200A TP | 200A TP | 5. | 5. EACH DB IS TO BE FITTED WITH A SANS 10142-1. | WARNING I |
| | | | | | | | | | | | | 6. | S. EACH DB IS TO BE ALSO FITTED W INDICATING THAT IT HAS BEEN DESI | IGNED FOR |
| | | | | | | | | | | | | | AND THAT ONLY CIRCUIT BREAKERS SAME MANUFACTURER AS THE EXIS | S OF THE S |
| MCC-D1 | LOW RISE CENTRAL PLANT UPS NO.2 EM SUPPLY RISING MAIN MOTOR CONTROL | GROUND FLOOR | EM SUPPLY | KITCHEN & | PLAZA EAST U | JPS 1 PA | BX ROOM DB K1-E | LECTURE THEATRE | CENTRAL AREA | PARKING LEVELS | KITCHEN & | | IN THIS DB. 7. THE DB MANUFACTURER IS TO CHE | |
| <u>'</u> | JOHNS MAIN MOTOR CONTROL | | | KESTAUKANT T | | | | | | | RESTAURANT Z | | FAULT LEVELS OF ALL DB's WITH C | CONSULTANT |
| | | | | | | | | | | | | | THIS REGARD. | |
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| NEUTRAL BAR | | | | E | | | | | | | | | | |
| NEUTRAL BAR INSULATED EARTH BAR NORMAL EARTH BAR | | | * \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ | 1200A FD | | | | | | | | | | |
| NEUTRAL BAR INSULATED EARTH BAR NORMAL EARTH BAR | | | 1200A TP | 1200A TP | | | | | | | | | | |

DETAIL NO.

WHERE USED

CENTRAL PLANT K1—COMP ROOM MOTOR CONTROL

NOTES:

- 1. THE SYSTEM SHALL BE ABLE TO SHED. LOAD IF ONE GENERATOR FAILS.
- 2. BUS-COUPLER TO BE LOCKED IN OFF POSITION, ONLY TO BE SWITCHED ON IF BOTH CB IN ONE SECTION ARE OFF (MAIN INCOMER & GEN INCOMER).
- 3. SCOPE OF WORK IS TO REPLACE ALL FUSE SWITCHES AND CB'S WITH NEW CB'S INCLUDING METAL WORK, COPPER WORK AND ALL ACCESSORIES REQUIRED TO COMPLETE THE WORK.
- 4. THE DOWN STREAM DB'S ARE FITTED WITH CONTACTORS TO SHED SOME LOAD DURING POWER FAILURE. KEEP THE CONTROL WIRING FOR THE CONTACTOR DURING STRIPPING
- FOR RE-USE. 5. SHUTDOWN WILL BE DONE AFTER OURS AND DURING WEEKENDS.

