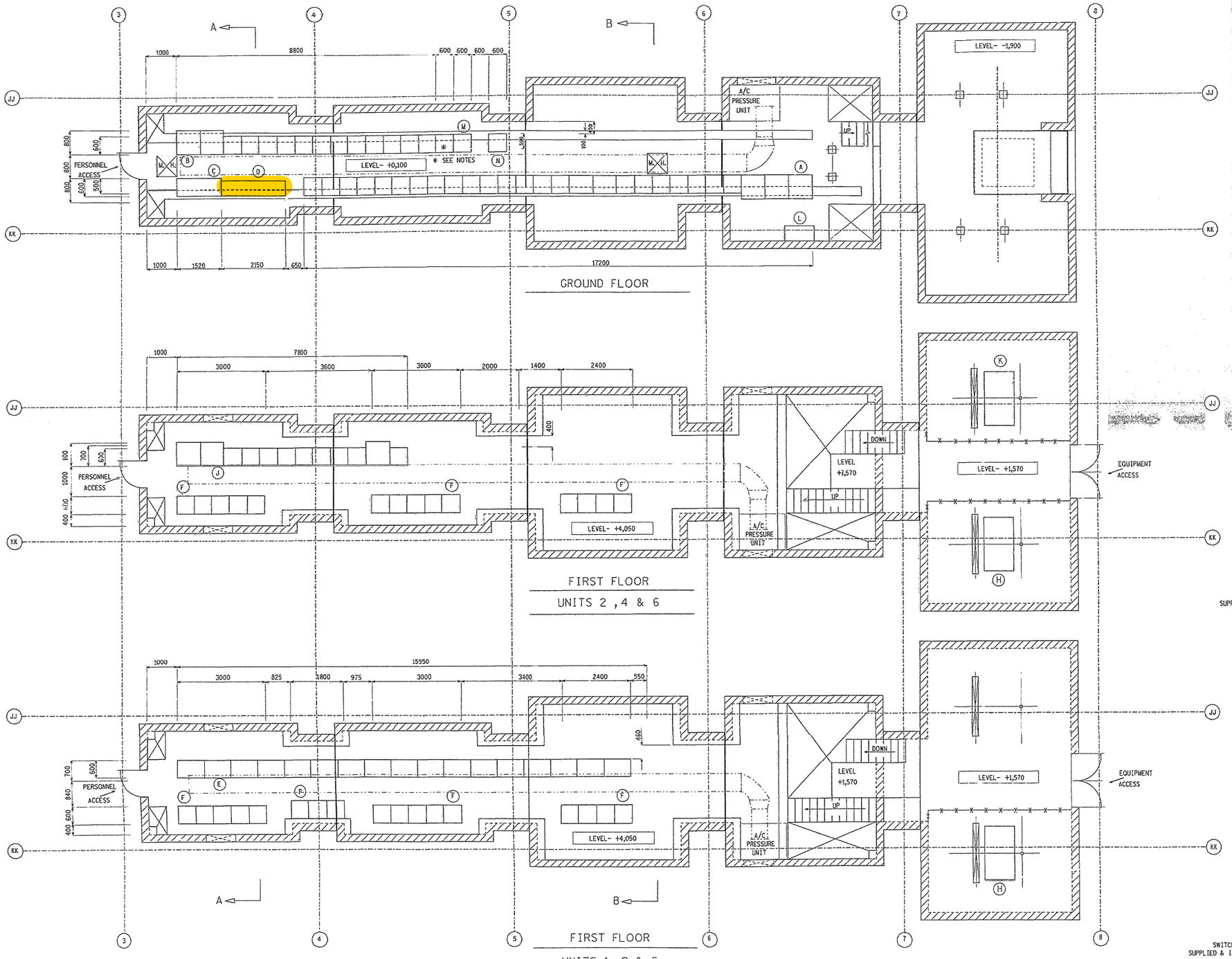
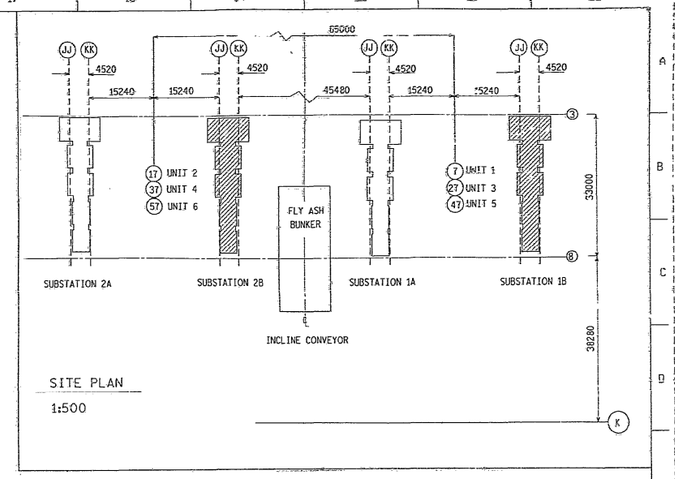
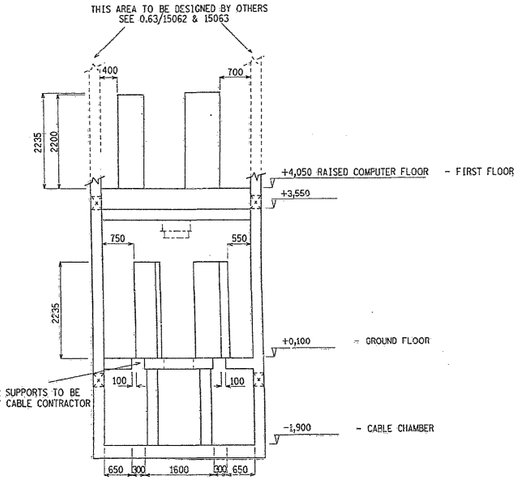


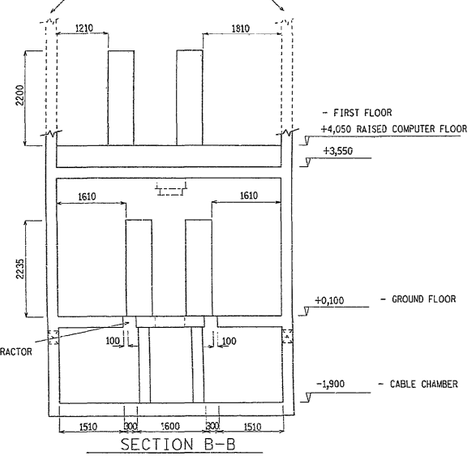




SITE PLAN

1:500




SECTION A-A




SECTION B-B

| LEGEND | | |
|---|---|---|
| REF. | DESCRIPTION | ALPHA-NUMERIC |
| A | 380V PRECIPITATOR BOARD 1B | *CM |
| B | 380V DUST HANDLING BOARD 1B | *CU |
| C | ALARM PANEL | *HF06 |
| D | BATTERY TRIPPING UNIT | *DC002 |
| E | P.L.C. SATELLITE UNITS (UNITS 1 , 3 & 5) | |
| F | RECTIFIER UNITS | |
| G | | |
| H | 11/0,4-kV PRECIPITATOR TRANSFORMER | *BT012 |
| J | 380V ASH BUNKER BOARD B (UNITS 2 ,4 & 6) | *CR |
| K | 11/0,4-kV ASH BUNKER TRANSFORMER | *BT016 |
| L | A/C PRESSURISATION PLANT CONTROL PANEL | *US04 |
| M | SIEMENS INTERPOSING RELAY CUBICLE | |

| REF. | DESCRIPTION | ALPHA-NUMERIC |
|---|---|---|
| N | JUNCTION BOX | *F4200 |
| P | SIEMENS JUNCTION BOX | |

NOTES

1. ALL BOARDS TO BE BOTTOM ENTRY, POWER & CONTROL.
2. ALL BOARD SIZES SHOWN ARE THE MAXIMUM ALLOWED.
3. TRANSFORMER LOADS:-1600kVA, GTON ,1250kVA,5TON.
4. FOR CIVIL DETAILS SEE 0.63/11986 SHEET 1 & 0.63/11987 SHEET 2.
5. - - - - - DENOTES AIR CONDITIONING DUCTING FOR DETAILS SEE 0.63/15422 - 15433.
6. M.H. - MANHOLE.
*. ALARM PANEL - HF07 FOR UNITS 1,3,5

THIS DRAWING HAS BEEN CREATED ON A C.A.D. SYSTEM. ANY AMENDMENT MUST BE EFFECTED ON THE SAME SYSTEM.

| REV | BY | DATE | REVISIONS | PJC | DWA |
|---|---|---|---|---|---|
| 6 | DWA | 11.94 | ADDED ALARM PANEL | PJC | DWA |
| 5 | JMS/DVB | 22-3-95 | G DELETED.C & J REVISED. M.H. & P. ADDED. | AD | BCJ |
| 4 | JMS | 26-5-94 | LEGEND REVISED. | AD | BCJ |
| 3 | JMS | 8-2-94 | BOARDS & PANELS RE-POSITIONED | AD | BCJ |
| 2 | JMS | 6-2-94 | REDRAWN - COMPLETELY REVISED | AD | BCJ |
| 1 | | | FIRST ISSUE | | SL |

| DRAWN | DATE | CHKD | APPD | SCALE | REFERENCE DRAWINGS / RETHANDINGS STANDARDS |
|---|---|---|---|---|---|
| DWA | 11.94 | PJC | BCJ | NONE | 0.63 |

REVISIONS PREVIOUS BAS 532

SOUTH AFRICA / SUID-AFRIKA

ESCOM • EWCOM

# LETHABO POWER STATION

PRECIPITATOR SUBSTATION 1B-6B

ELECTRICAL EQUIPMENT LAYOUT

| DRAWN | DATE | APPROVED | DATE | SCALE | DRAWING NO. | REV |
|---|---|---|---|---|---|---|
| DC JOSEPH | 05/08/94 | J M STEYN | 08/08/94 | 1:50 | 0.63 /4239 | 6 |
| A DOUCETT | 04/08/94 | D v BADENHORST | 08/08/94 | | | |