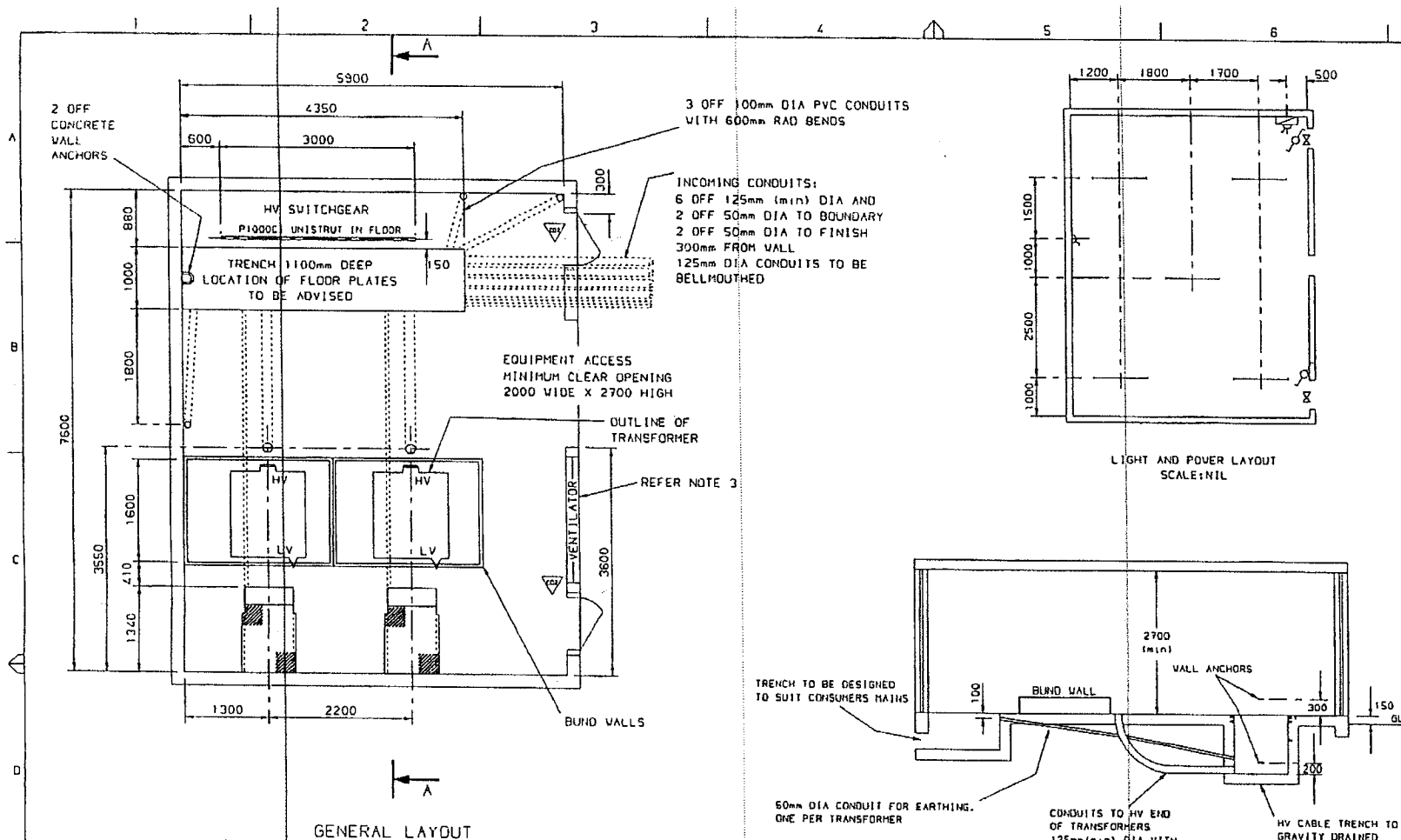
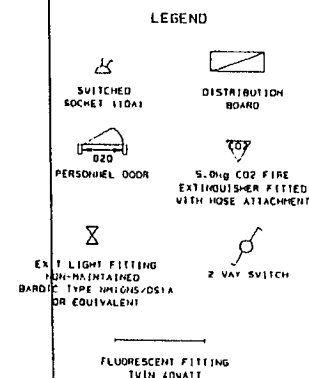






- NOTES
- THIS DRAWING TO BE READ IN CONJUNCTION WITH INTEGRAL ENERGY'S SPECIFICATION OF REQUIREMENTS FOR INDOOR SUBSTATIONS WITHIN CUSTOMERS PREMISES (SD1105).
  - BUND WALLS TO BE ERECTED BY INTEGRAL ENERGY AFTER INSTALLATION OF TRANSFORMERS
  - VENTILATORS ARE SHOWN IN TYPICAL LOCATIONS ONLY ALL VENTILATORS LOCATED IN WALLS ADJACENT TO TRANSFORMER BAYS SHALL BE INSTALLED 350mm (MIN) ABOVE FLOOR LEVEL. VENTILATORS LOCATED IN WALLS ADJACENT TO HV SWITCHGEAR TO BE INSTALLED 2000mm (MIN) ABOVE FLOOR LEVEL



OXFORD SITE

|                         |              |
|-------------------------|--------------|
| HIGH VOLTAGE SWITCHGEAR | 1500kg TOTAL |
| POWER TRANSFORMER       | 5600kg EACH  |
| MAJOR EQUIPMENT MASS    |              |

|                                                       |        |
|-------------------------------------------------------|--------|
| COVER PLATE LIFTING HANDLE FABRICATION DETAILS        | 069526 |
| LV TRENCH COVER PLATE FABRICATION DETAILS             | 071912 |
| HV SWITCHGEAR FLOOR PENETRATION AND HV TRENCH DETAILS | 078301 |
| CONCRETE WALL ANCHOR FABRICATION DETAILS              | 040879 |

|                         |        |
|-------------------------|--------|
| REFERENCE DRAWINGS      |        |
| AUTHORISED<br>Glen Ford |        |
| APPROVED SIGNATURE ONLY |        |
| A2                      | 249863 |
| SHEET No 1 OF 1 SHEETS  |        |

|                                                                                                                                                                                            |                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| © This drawing and the copyright therein is the property of Integral Energy and may not be copied, reproduced, distributed, loaned or used without the written consent of Integral Energy. |                       |
| ORIGINAL SCALE AS SHOWN                                                                                                                                                                    | APPROVED<br>Glen Ford |
| DRAWN<br>B. C. V.                                                                                                                                                                          |                       |
| DATE<br>13-10-98                                                                                                                                                                           |                       |
| CHK'D<br>J. KIRK                                                                                                                                                                           |                       |

DO NOT SCALE DIMENSIONS IN MILLIMETRES

INTEGRAL ENERGY  
STANDARD LAYOUT FOR TWO TRANSFORMER  
INDOOR DISTRIBUTION SUBSTATION  
WITH HV AND LV TRENCHES  
TO SUIT 1500kVA TRANSFORMERS

|                     |       |
|---------------------|-------|
| AMENDMENTS          |       |
| ORIGINAL            | ISSUE |
| A                   | 1     |
| ROOM SIZES & LAYOUT |       |
| REVISED:            |       |
| DATE                |       |
| BY                  |       |
| FOR                 |       |
| J. KIRK             |       |