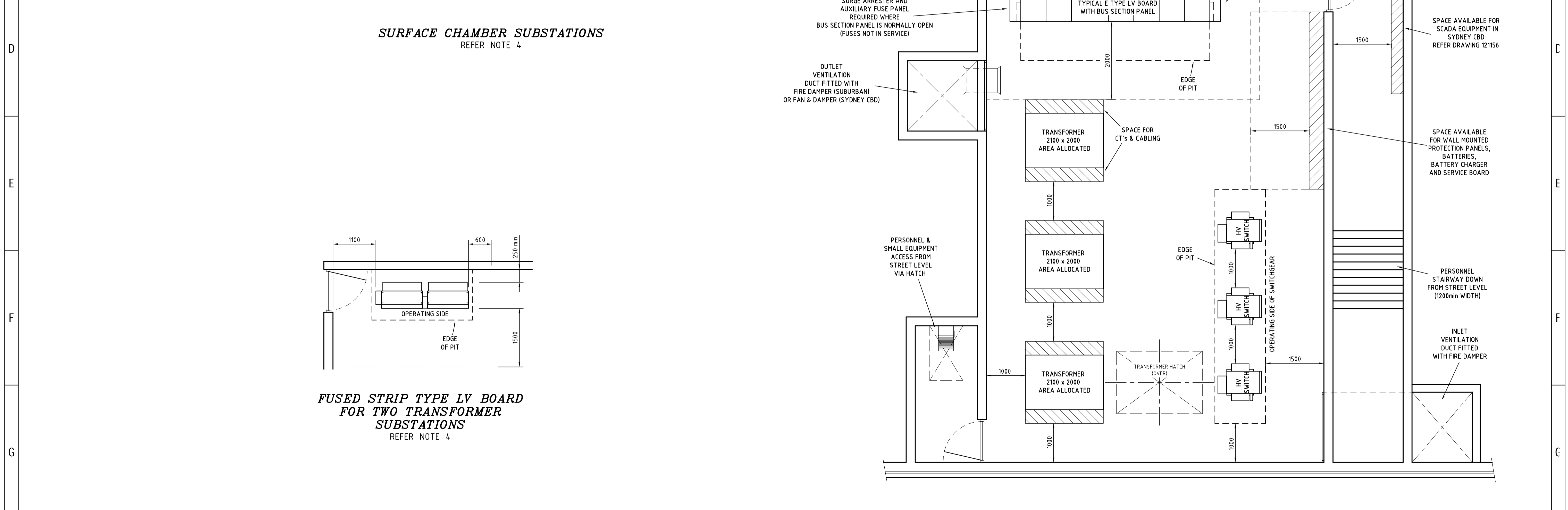
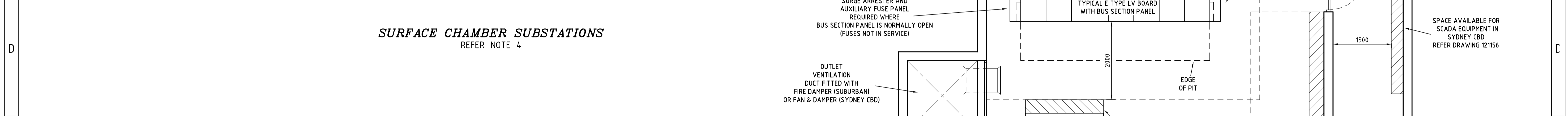


SURFACE CHAMBER SUBSTATIONS
REFER NOTE 4



BASEMENT CHAMBER SUBSTATIONS
REFER NOTE 4



FUSED STRIP TYPE LV BOARD FOR TWO TRANSFORMER SUBSTATIONS
REFER NOTE 4

NOTES

1. THIS DRAWING IS INTENDED TO ILLUSTRATE MINIMUM CLEARANCES REQUIRED FOR CHAMBER TYPE DISTRIBUTION SUBSTATIONS TO MEET THE REQUIREMENTS OF THE RELEVANT NETWORK STANDARDS OF AUSGRID.
2. THE FOOTPRINT OF THE EQUIPMENT AS SHOWN IS THAT PURCHASED BY AUSGRID AT THE TIME OF PUBLICATION OF THIS DRAWING.
3. THE LAYOUT AND ARRANGEMENTS SHOWN ARE TYPICAL AND ARE SHOWN TO ILLUSTRATE CLEARANCES ONLY. ITEMS ASSOCIATED WITH SITE SPECIFIC REQUIREMENTS SUCH AS LV BOARD ARRANGEMENT, PROVISIONS FOR CABLING IN PITS AND FLOOR CHASES, CONDUIT ENTRIES FROM THE STREET OR CUSTOMER SUPPLIES HAVE NOT BEEN SHOWN AS THEY EFFECT OVERALL CHAMBER SIZE.
4. THE LAYOUTS SHOW TYPICAL THREE TRANSFORMER SUBSTATIONS WHICH ALWAYS REQUIRE AN E TYPE LV BOARD IRRESPECTIVE OF TRANSFORMER CAPACITY. SUBURBAN THREE TRANSFORMER SUBSTATIONS REQUIRED A BUS SECTION PANEL WHICH IS OPERATED NORMALLY CLOSED WHILST SYDNEY CBD SUBSTATIONS DO NOT REQUIRE A BUS SECTION PANEL. SINGLE AND TWO TRANSFORMER SUBSTATIONS WITH TRANSFORMERS OF 1500kVA REQUIRE AN E TYPE LV BOARD WITH NO BUS SECTION PANEL. SINGLE AND TWO TRANSFORMER SUBSTATIONS WITH TRANSFORMERS UNDER 1500kVA CAN UTILISE A FUSE STRIP TYPE LV BOARD. HOWEVER TWO TRANSFORMER SUBSTATIONS UTILISING A FUSE STRIP TYPE LV BOARD WILL ALWAYS HAVE A NORMALLY OPEN BUS SECTION PANEL. AN E TYPE LV BOARD IS TO BE USED IF THE NORMALLY OPEN BUS SECTION PANEL IS NOT ACCEPTABLE. IF THE SUBSTATION IS DESIGNED FOR AN ULTIMATE THREE TRANSFORMER ARRANGEMENT AN E TYPE LV BOARD MUST ALWAYS BE USED.

CAD DRAWING
DO NOT MANUALLY AMEND
A.M.E.N.T.S
1. AUSGRID BORDER ADDED
DRAWING UPDATED TO SHOW
LATEST CONTRACTED
EQUIPMENT AND TO ALIGN
WITH NETWORK STANDARDS
R3 AND R4
P. JARVIS 15-5-1
P. JARVIS 15-5-1
CHECKED: P. TURPIN
APPROVED: P. TURPIN

CONSTRUCTION



| | |
|-----------------|-----|
| SCALE | NTS |
| DESIGNED | |
| DRAWN | |
| CHECKED | |
| APPROVED | |
| DATE | |
| PROJECT NUMBER | |
| PROJTRAK NUMBER | |

SIGNED ORIGINAL

| | |
|--|------------|
| MINIMUM CLEARANCES FOR CHAMBER TYPE DISTRIBUTION SUBSTATIONS USING CURRENT EQUIPMENT | |
| SIZE | DRAWING No |
| A1 | 127332 |
| SHEET | AMOUNT |
| 1 | 1 |