

Applies to: IDNOs ; SSEPD Planners and New Business Staff	SPECIFICATION OUTLINING TERMINATION ARRANGEMENTS FOR 3rd PARTY CONNECTIONS TO SSE POWER DISTRIBUTION LOW VOLTAGE CABLE NETWORKS	SP-PS-359
Uncontrolled if printed		Rev:1.03

Approved by: SR	Issue Date: Nov 2008	Review Date: Nov 2013
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INFORMATION PROVIDED TO ASSIST THE TENDERER FOR THE SUPPLY OF:

**ITEM: SPECIFICATION FOR
TERMINATION ARRANGEMENTS FOR 3rd
PARTY CONNECTIONS TO LOW
VOLTAGE CABLE NETWORKS**

REFERRED TO IN EACH:

**HARMONISATION
DOCUMENT / EUROPEAN
STANDARD**

I.E.C

BRITISH STANDARD

DEROGATIONS (IF ANY)

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SCOPE

This specification details the requirements for connecting Independent Distribution Network Operators (IDNO) to SSE Power Distribution Ltd (SSEPD) low voltage distribution network using low voltage current transformer (CT) metering.

ENCLOSURE

At the boundary between a SSE Distribution network and the start of an IDNO network boundary CT metering will need to be installed. This must be installed in a weather proof enclosure which can be :-

A switch room within building close to site boundary.

A street pillar on site boundary.

Other enclosure that provides the facilities for boundary metering and approved by SSEPD.

SSEPD EQUIPMENT

The following SSEPD equipment will need to be accommodated in the enclosure :-

SSEPD incoming supply cable.

400 A or 600 A heavy duty cut-out.

CT metering cabinet.

½ hourly remote metering communications equipment if required.

IDNO EQUIPMENT

The following IDNO equipment will need to be accommodated in the enclosure :-

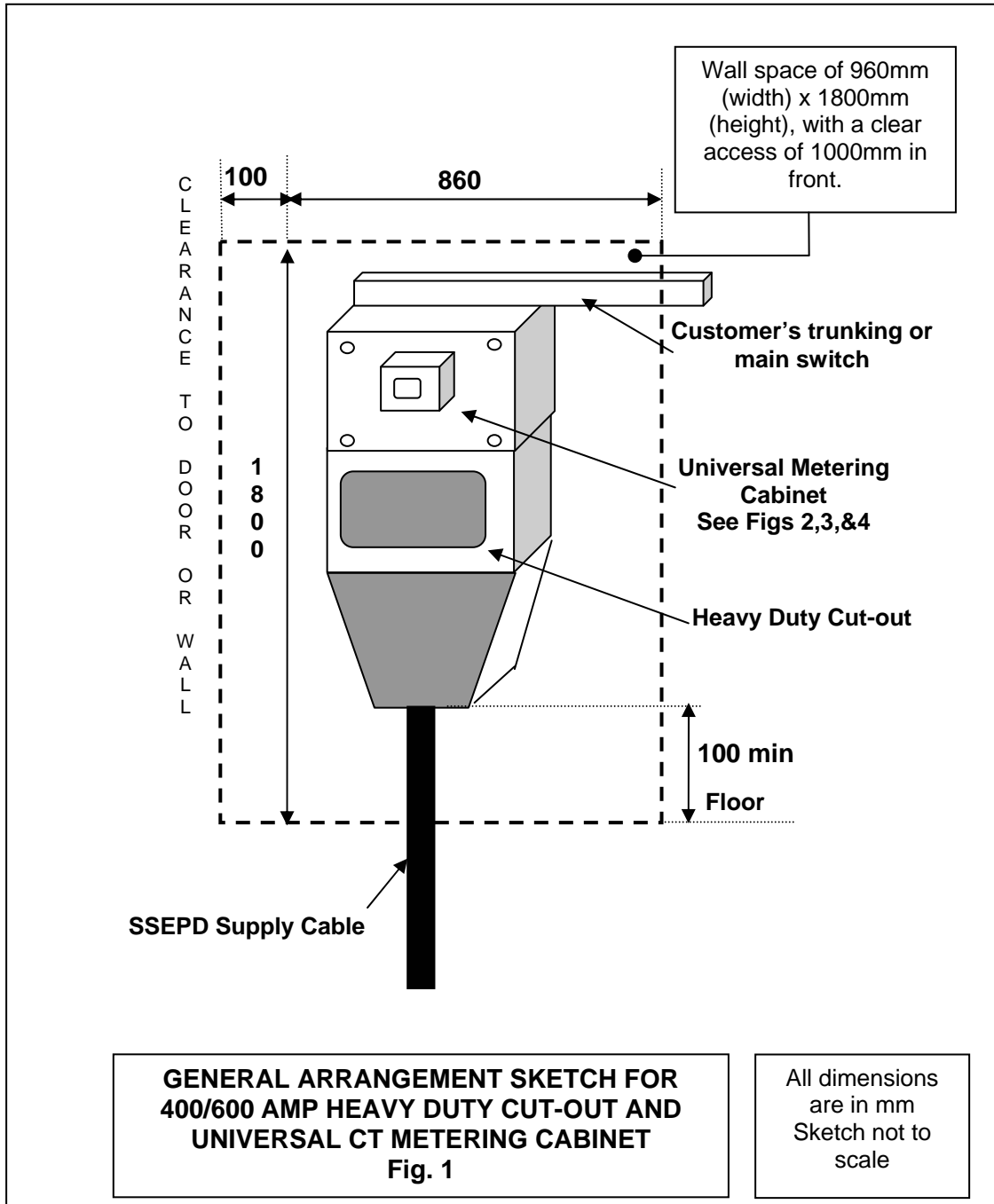
IDNO main switch or cut-out.

IDNO outgoing cable/s.

Any other equipment the IDNO wishes to install.

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GENERAL ARRANGEMENT SKETCHES



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STREET PILLAR

400/600 amp cut-outs can be installed in a street pillar e.g. W.Lucy Fortress Range Type 24 or equivalent product depending on the size of the IDNO's equipment to be installed to the right hand side of the SSEPD equipment.

The IP rating should be a minimum of IP65.

METERING

All metering to comply with the Metering Codes of Practices 1, 2 & 3.

ACCESS

Provision to be made for locked dual access at any time, so each party can carry out inspection, maintenance, meter reading, fault repairs etc. to their own equipment.

ENCLOSURE MAINTENANCE

The security and maintenance of the pillar or building will be the responsibility of the IDNO.

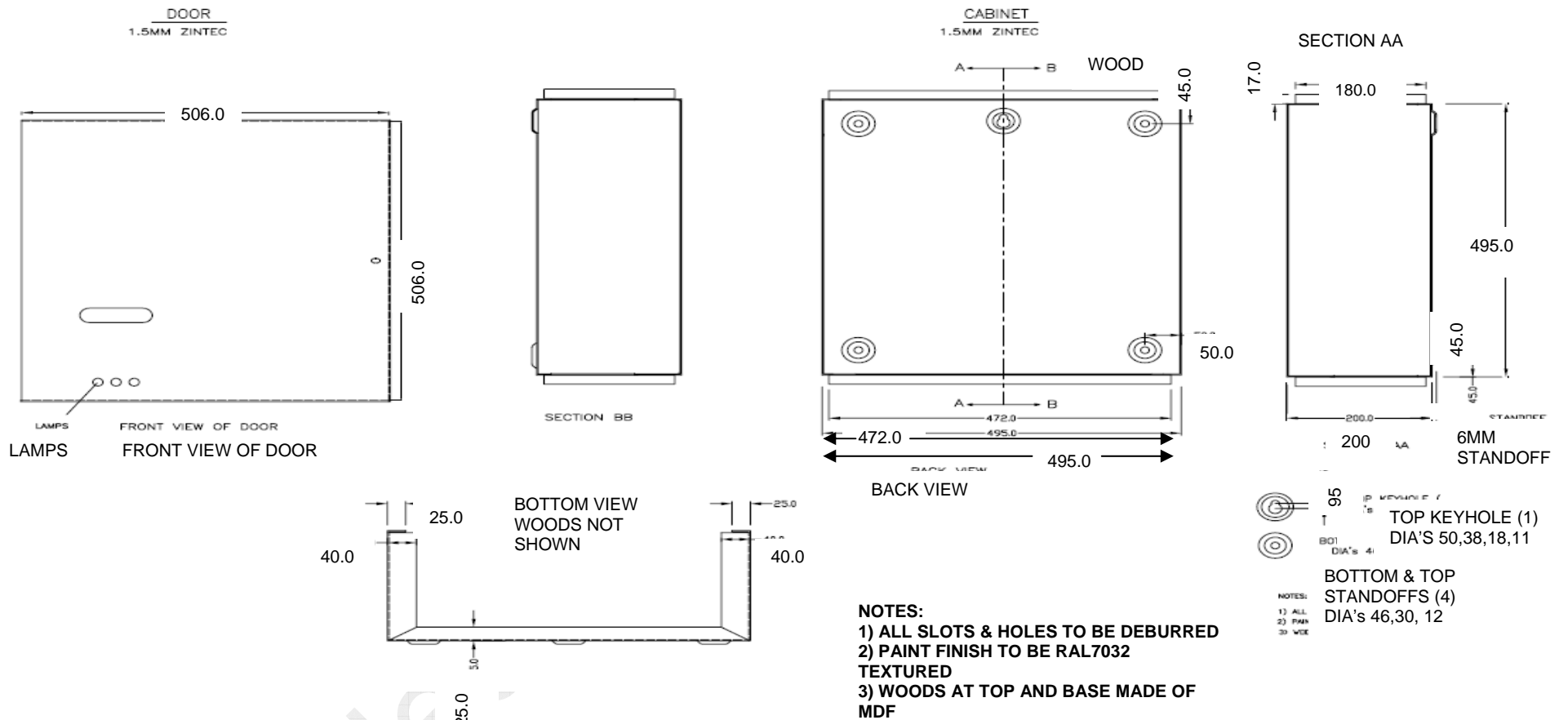
METER CABINET DRAWINGS

There are 3 types of CT metering cabinet used by SSEPD :-

- Fig 3. Universal metallic cabinet
- Fig 4. Universal non metallic (used when no earthing terminal is offered to the customer)
- Fig. 5. Temporary builders supply cabinet.

For supplies that use cabinets figs. 4 & 5, the height requirement in Figs 1 & 2 will need to be increased to match the height of the cabinet being used.

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FIGURE 2 – Universal Metallic Metering Panel

BOX DIMENSIONS

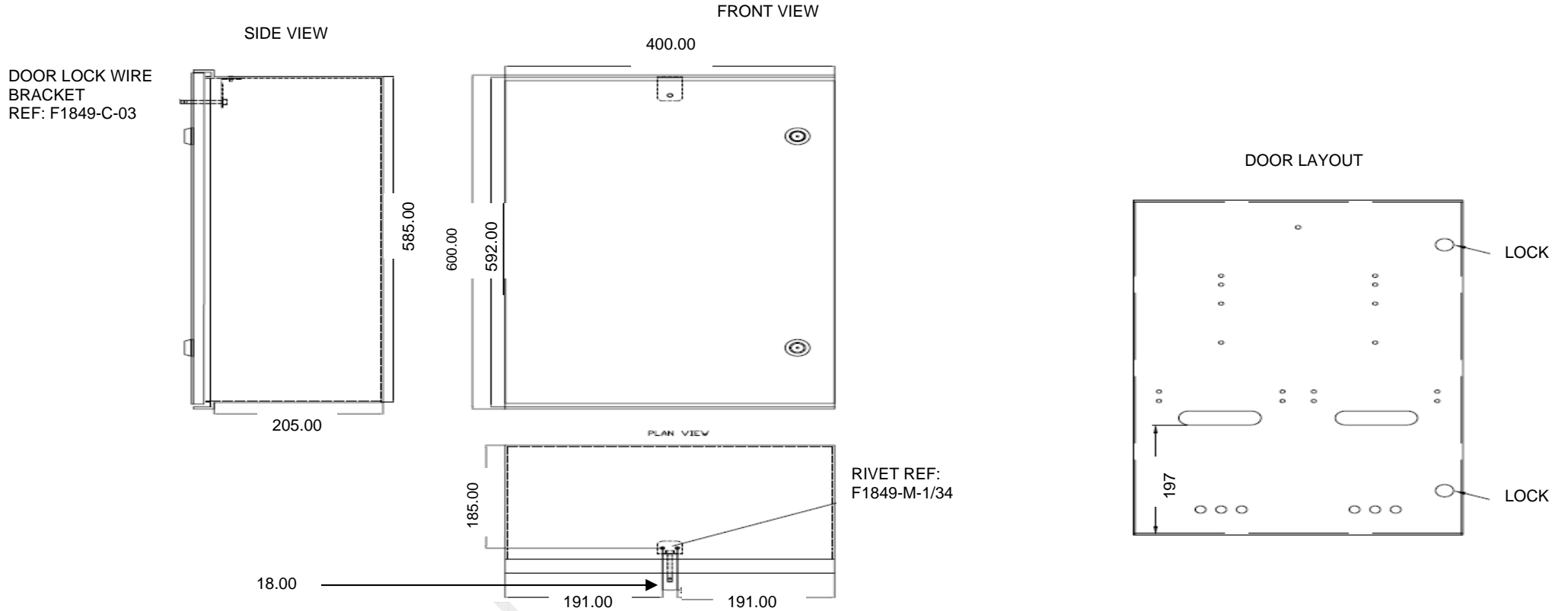


Figure 3 – Universal Non Metallic Metering Panel

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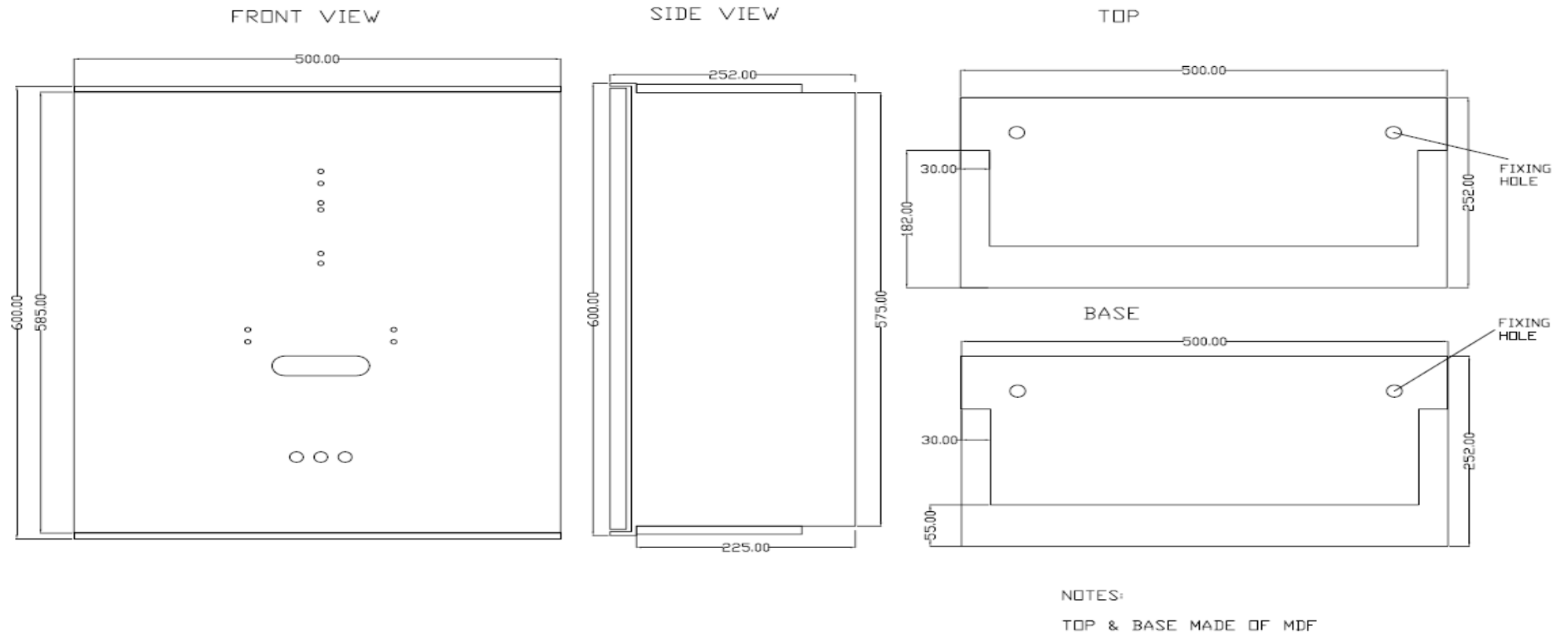


Figure 4 – Universal Temporary Building Supplies Metering Panel