

NOTES TO APPLICANT:

Maximum height at which meters can be fitted is 1000mm from top of meter to finished floor level when using the top chamber, and 1000mm to finished floor level when using the bottom chamber. (This is to ensure maximum length of meters tails is not exceeded).

Minimum height at which meters can be fitted is 300mm from bottom of meter to finished floor level.

Minimum size of trunking is 150mm x 150mm except above and below the multi-way board where a minimum size of 225mm x 225mm required.

Customer Intake equipment shown is indicative only and should be designed by the applicant to meet their specific requirements.

Maximum number of useable ways is 18 no. For a communal meter position arrangement, a maximum of 12 no. single-phase meters can be supplied via tails, plus a three phase landlords supply using the bottom cable chamber entry shown. For the remaining 8 no. services and meters the top entry cable chamber must be used.

Meters supplied via tails must only be terminated to either the middle or lower bus-bar of the multi-way board (bottom entry)

It is a condition of our service quotation for multi-way intakes that the electrical contractor submits a scaled sketch of the proposed equipment layout for our approval prior to acceptance of quotation.

All trunking and meter tails must be provided and installed by the Applicant. Meter tails terminated to JE plant by JE personnel only.

Max length of meter tails not to exceed 3m. Meter Tails are not to transit between floors.

For all meter dimensions, Refer to JE drawing 80-N21.

Supply position must be secure and environmentally safe. JE equipment shall only be fixed onto a visible 18mm fire rated (BS-1-40 or ASTM E84 class A certification) or equivalent. The applicant's contractor shall ensure the backboard is adequately fixed to any substrate layers, but not to the detriment of the enclosures fire rating.

No other equipment may be installed over the top of any JE cables or equipment.

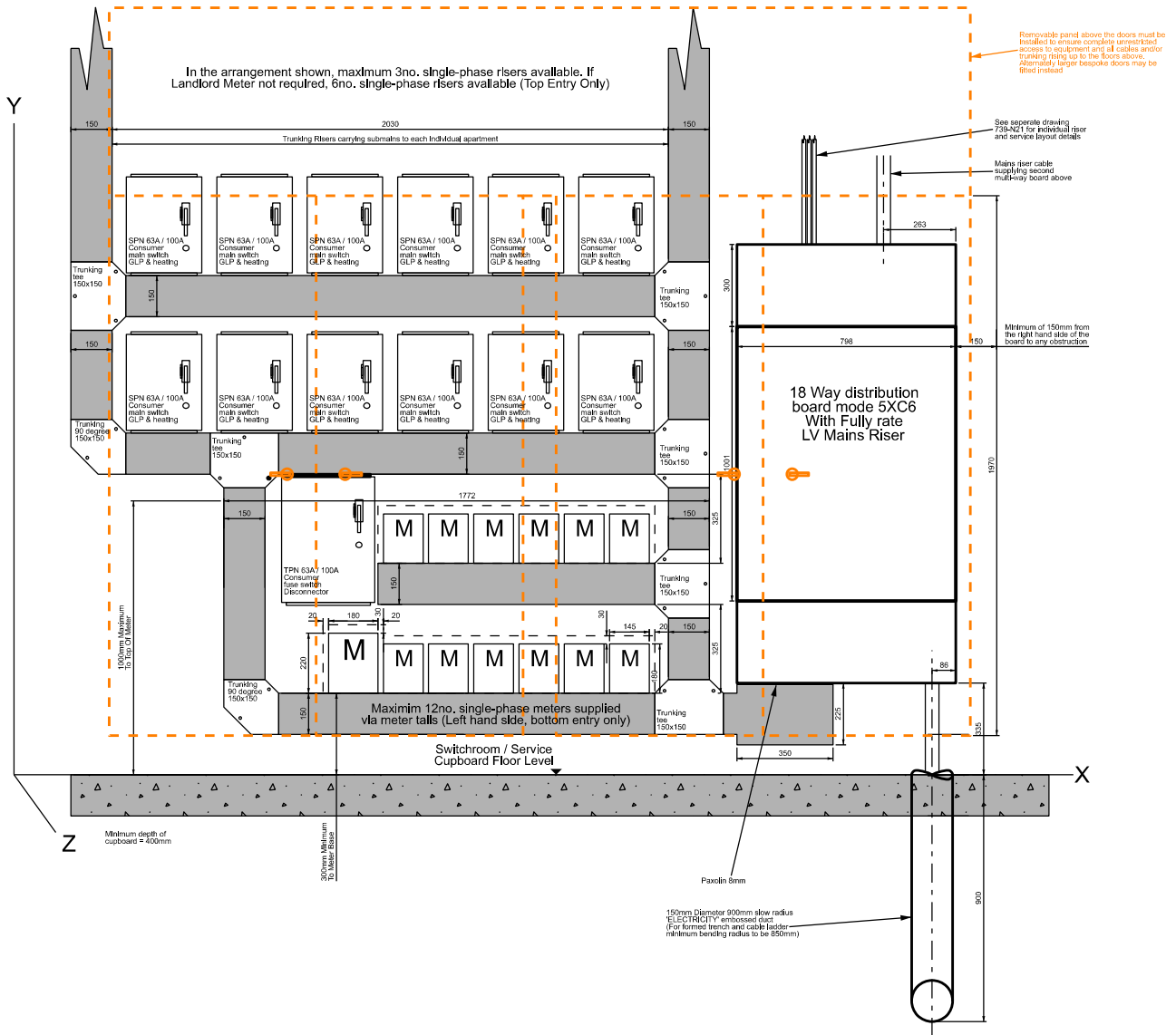
JE will not install into any cupboard that has water services, plumbing, drainage, or raw water pipes within it.

Fireproofing of the cable slots between floors should be carried out with adequately rated removable fire bags provided and installed by the applicant.

Design dimensions and spacing :-

- 1.) Single-phase meter dimensions = 145mm wide x 180mm tall
- 2.) Three-phase meter dimensions = 180mm wide x 220mm tall
- 3.) Single-phase switch-use dimensions = 300mm wide x 360mm tall
- 4.) Three-phase switch-use dimensions = 360mm wide x 500mm tall
- 5.) Lateral spacing between meters, switch-use, trunking = 20mm
- 6.) Vertical spacing above JE meters = 30mm
- 7.) Superimposed door outline dimensions = 1981mm x 782mm each

Type and quantity of JE services are indicative only to assist when the applicant constructs their own site specific drawings after consultation with JE.



Scale= 1:25 @ A4

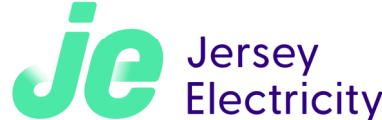
Rev	Date	Description	Drn	Appd
B	03-12-2024	Backboard note amended	AB	ML
A	01-02-2024	Minor mods	AB	ML
-	01-11-2023	Original Issue	AB	ML

Project

Title

GENERAL ARRANGEMENT DRAWING - 18 Way Distribution Board 5B6 with LV Main showing the maximum quantity of communally metered Single-Phase services from bottom cable chamber, also including a Three-Phase Landlord service from the bottom cable chamber

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