

See Drawing 739-N21 for individual riser and meter terminations

**NOTES TO APPLICANT: -**

Maximum height at which meters can be fitted is 1000mm from top of meter to finished floor level (This is to ensure maximum length of meter 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 is required

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

Maximum number of usable ways is 30no. For a communal and riser meter positions, a maximum of 12no. communal single-phase meters can be supplied via tails using the bottom cable chamber entry shown, plus a three-phase landlord supply. The remaining 15 ways (which is the maximum) have to be cabled out as service risers from the top cable chamber entry. See drawing 739-N21 for details of service risers.

Meters supplied via tails must only be terminated to either the middle or upper 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 provided and installed by Applicant. Meter tails terminated to JE plant by JE personnel only.

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

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

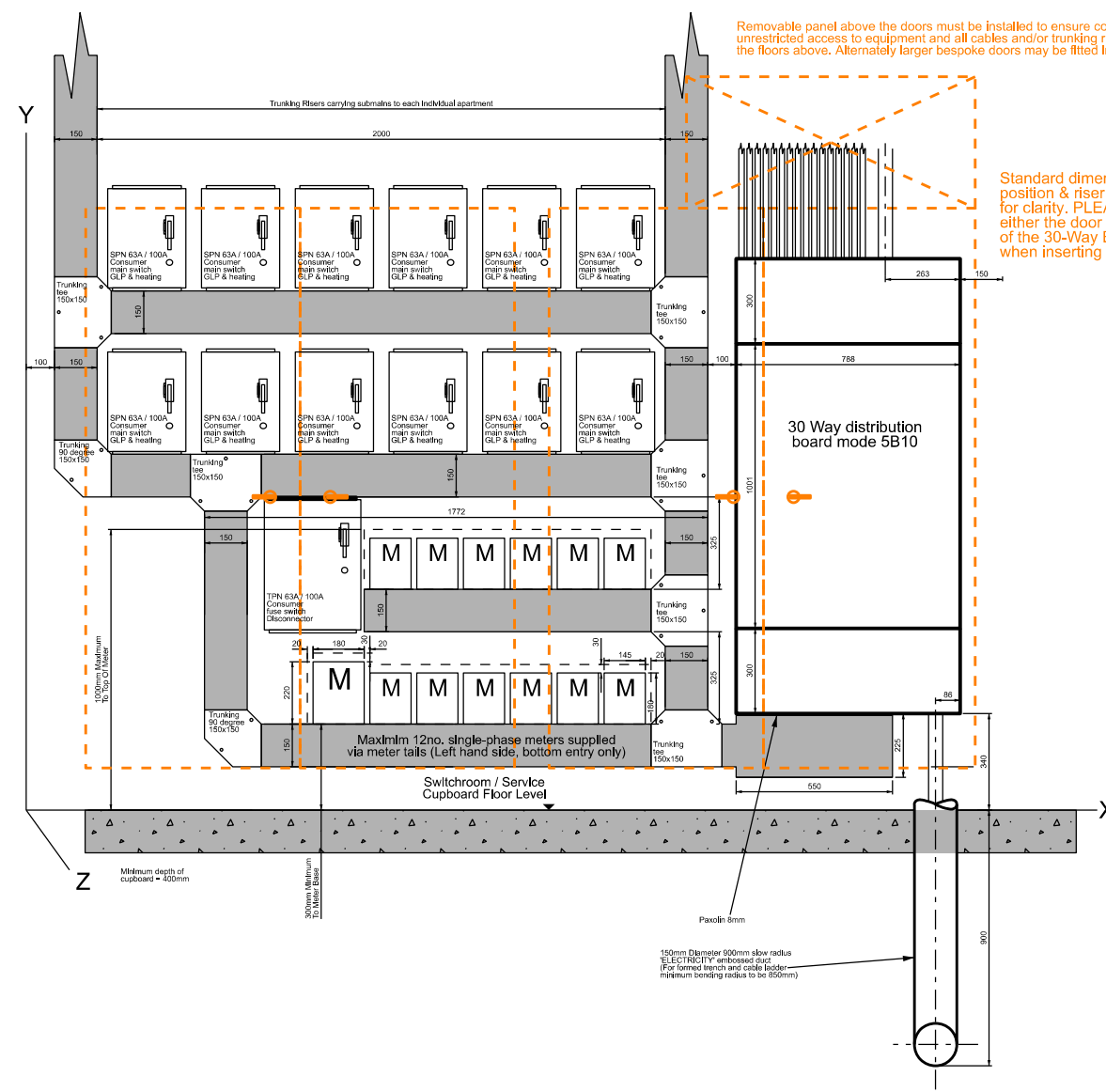
Supply position must be secure and environmentally safe. JE equipment shall only be fixed onto a visible 18mm fire rated (B-S1-D0 or ASTM E84 class A certification) or equivalent. The applicant's contractor shall ensure the backboard is adequately fixed to any substrate layers, but not to the detriment 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 150mm tall
  - 2.) Three-phase meter dimensions = 160mm wide x 220mm tall
  - 3.) Single-phase switch-use dimensions = 50mm wide x 200mm tall
  - 4.) Three-phase switch-use dimensions = 75mm wide x 200mm tall
  - 5.) Vertical spacing between meters / switches / trunking = 20mm
  - 6.) Vertical spacing above JE meters = 50mm
  - 7.) Superimposed door outline dimensions = 148mm x 762mm each



Removable panel above the doors must be installed to ensure complete unrestricted access to equipment and all cables and/or trunking rising up to the floors above. Alternately larger bespoke doors may be fitted instead

Standard dimension doors for the intake position & riser cupboard have been added for clarity. PLEASE NOTE - No part of either the door or door frame can be in front of the 30-Way Board for safety reasons when inserting or withdrawing fuses

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

Rev	Date	Description	Drn	Appd
-	03-12-24	Original Issue	AB	ML

Project

Title  
**General Arrangement Drawing - 30-Way Distribution Board 5XC10 with LV rising Main showing the maximum amount of communally metered Single-Phase services, communal Three-Phase Landlords Service & Single-Phase Cabled Rising Services**

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Revision -