

# **SDCS-02-22**

**Rev.00**

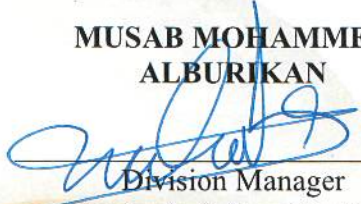
## **CONSTRUCTION STANDARDS FOR UNDERGROUND DISTRIBUTION NETWORK**

### **PART 22: 13.8 & 33 KV UNIT SUBSTATION & RMU ROOM**

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**Recommended by:**

**MUSAB MOHAMMED  
ALBURIKAN**

  
Division Manager  
Standards & Specifications  
Division

**Approved by:**

**ABDULAZIZ A. AL-IBRAHIM**

  
Department Manager  
Project Engineering & Control  
Management Department



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UNIT SUBSTATION & RMU (13.8KV)  
500KVA, 1000KVA & 1500KVA  
ROOM SIZE: 4M X 5M

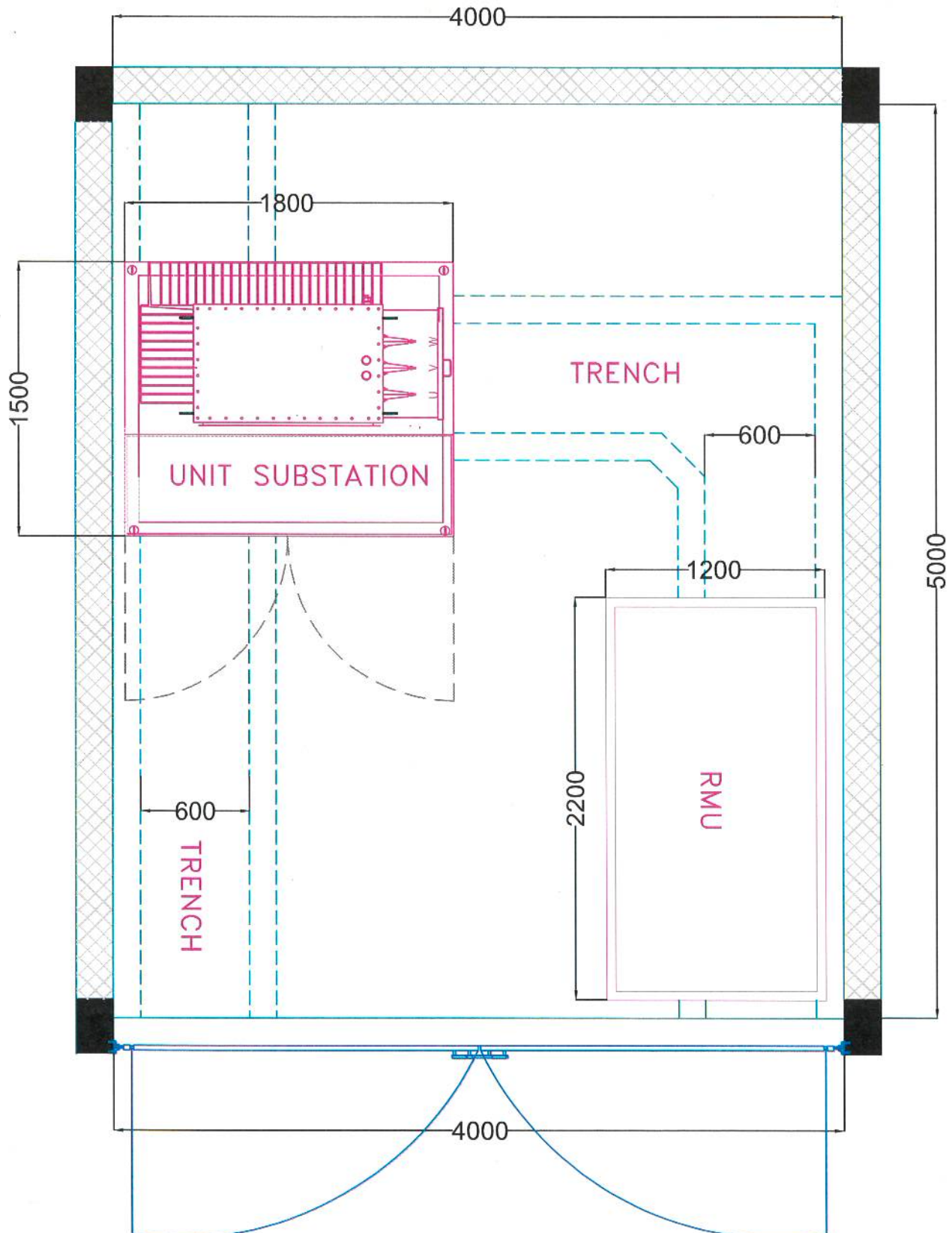


FIG.01A – 500KVA U/S & RMU (13.8KV)



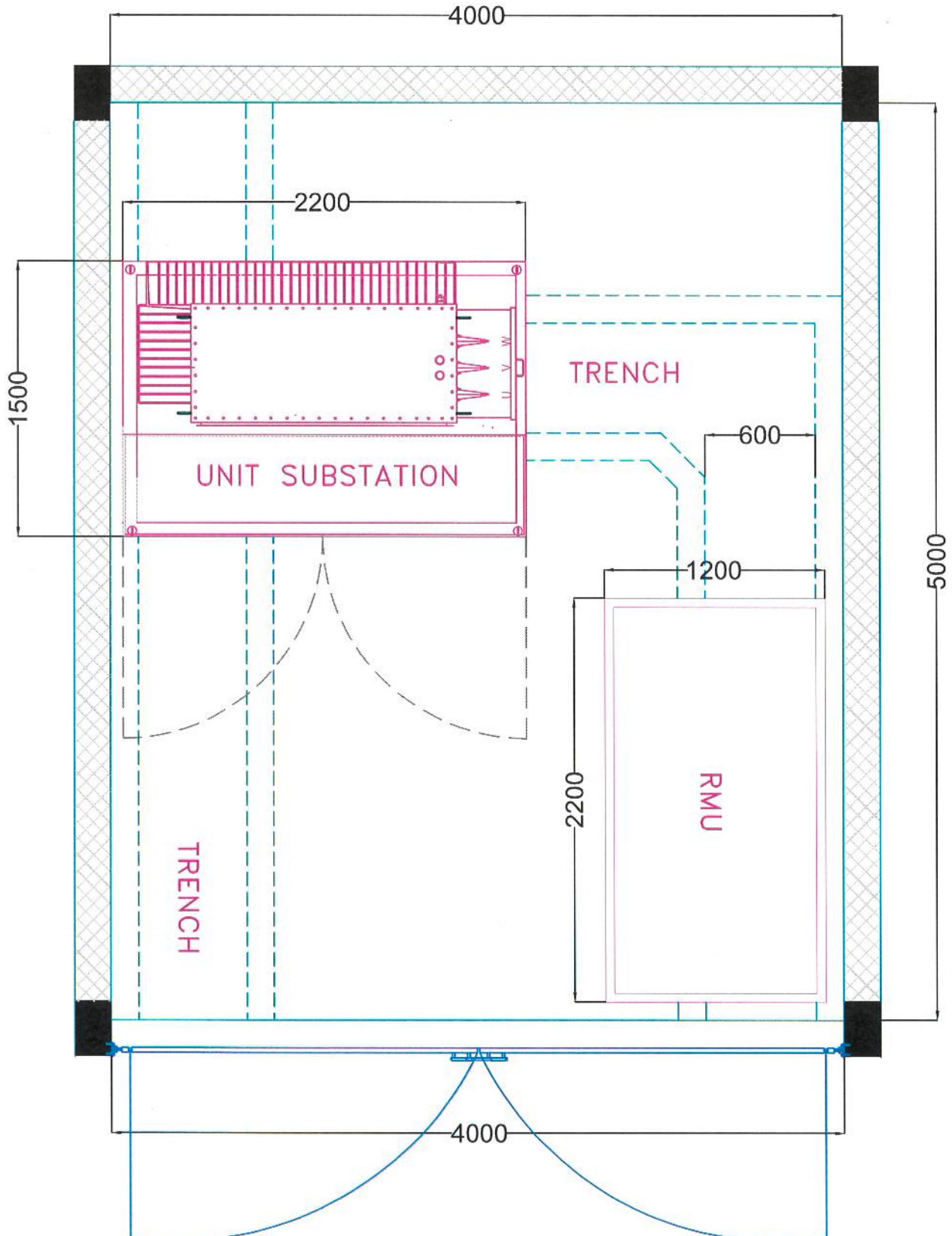


FIG.01B – 1000KVA U/S & RMU (13.8KV)

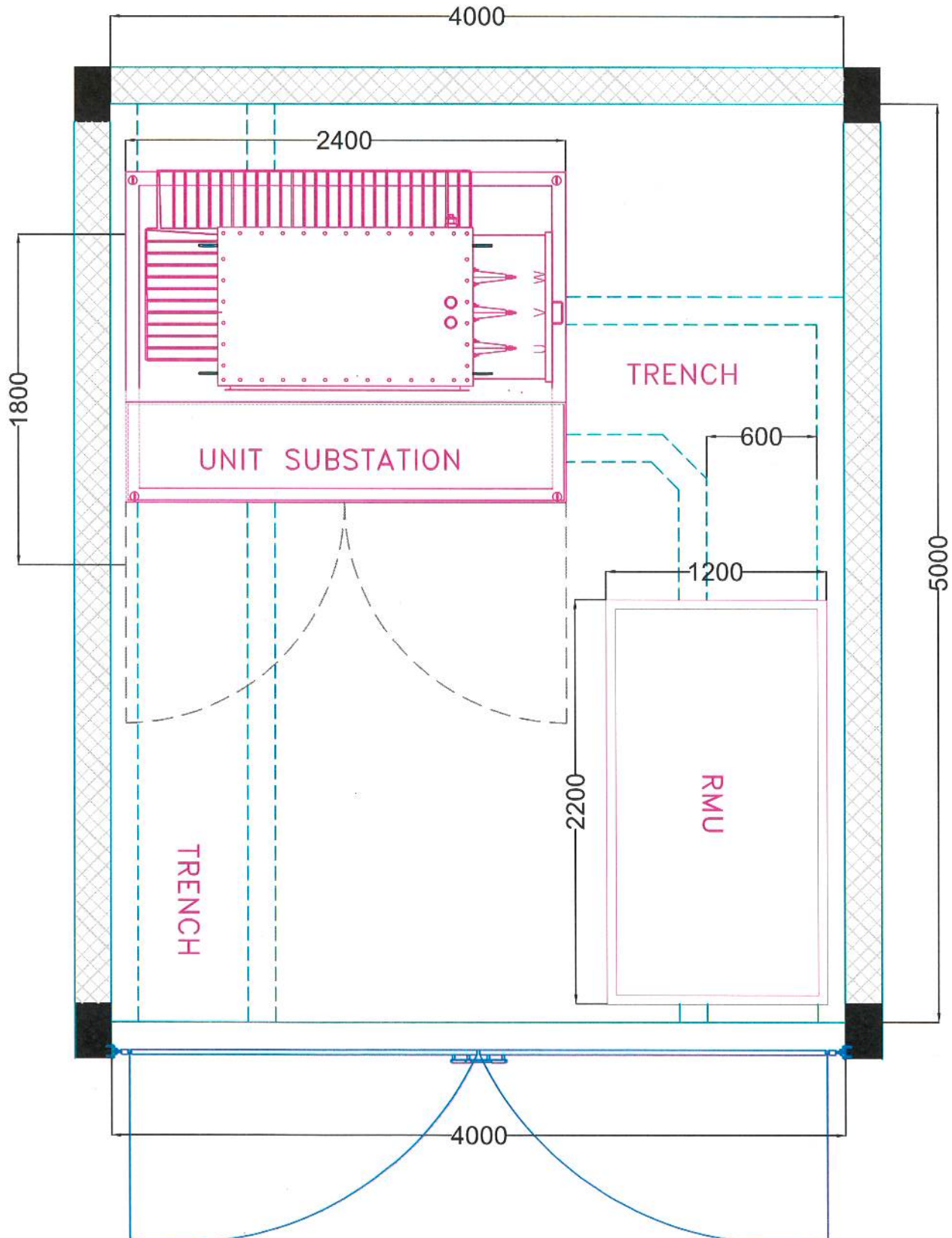


FIG.01C – 1500KVA U/S & RMU (13.8KV)



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UNIT SUBSTATION & RMU (33KV)  
500KVA, 1000KVA & 1500KVA  
ROOM SIZE: 4M X 5M



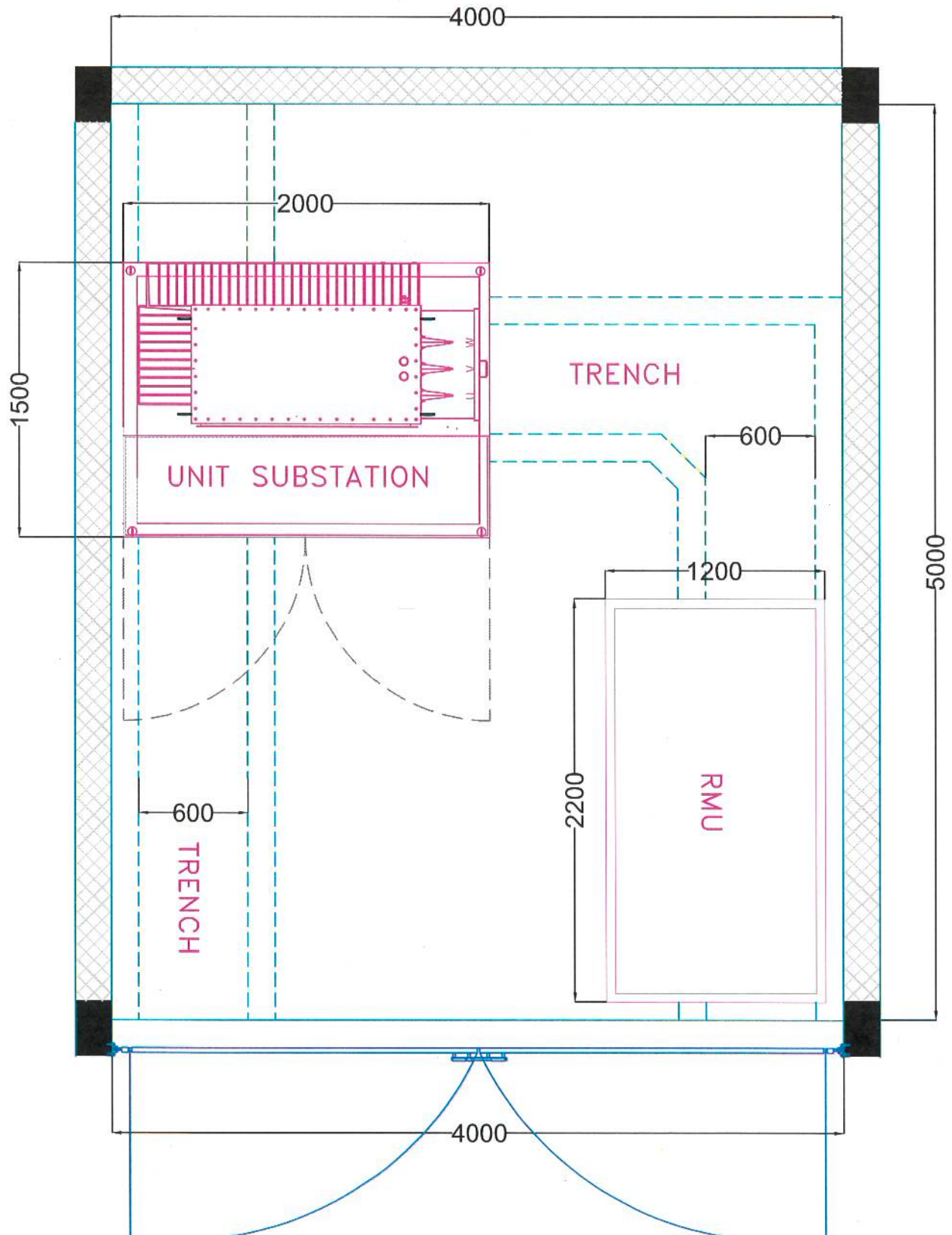


FIG.02A - 500KVA U/S & RMU (33KV)

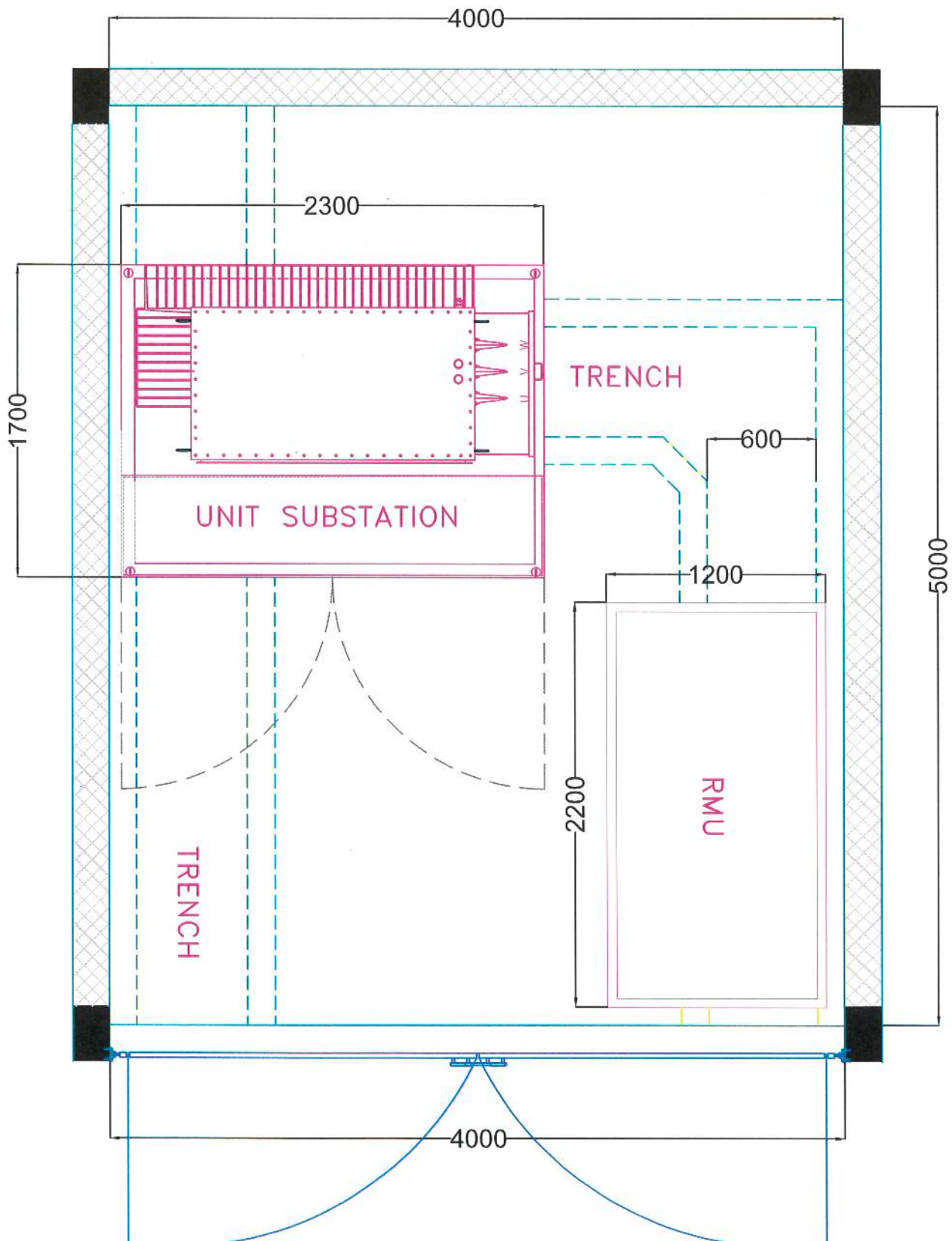


FIG.02B - 1000KVA U/S & RMU (33KV)



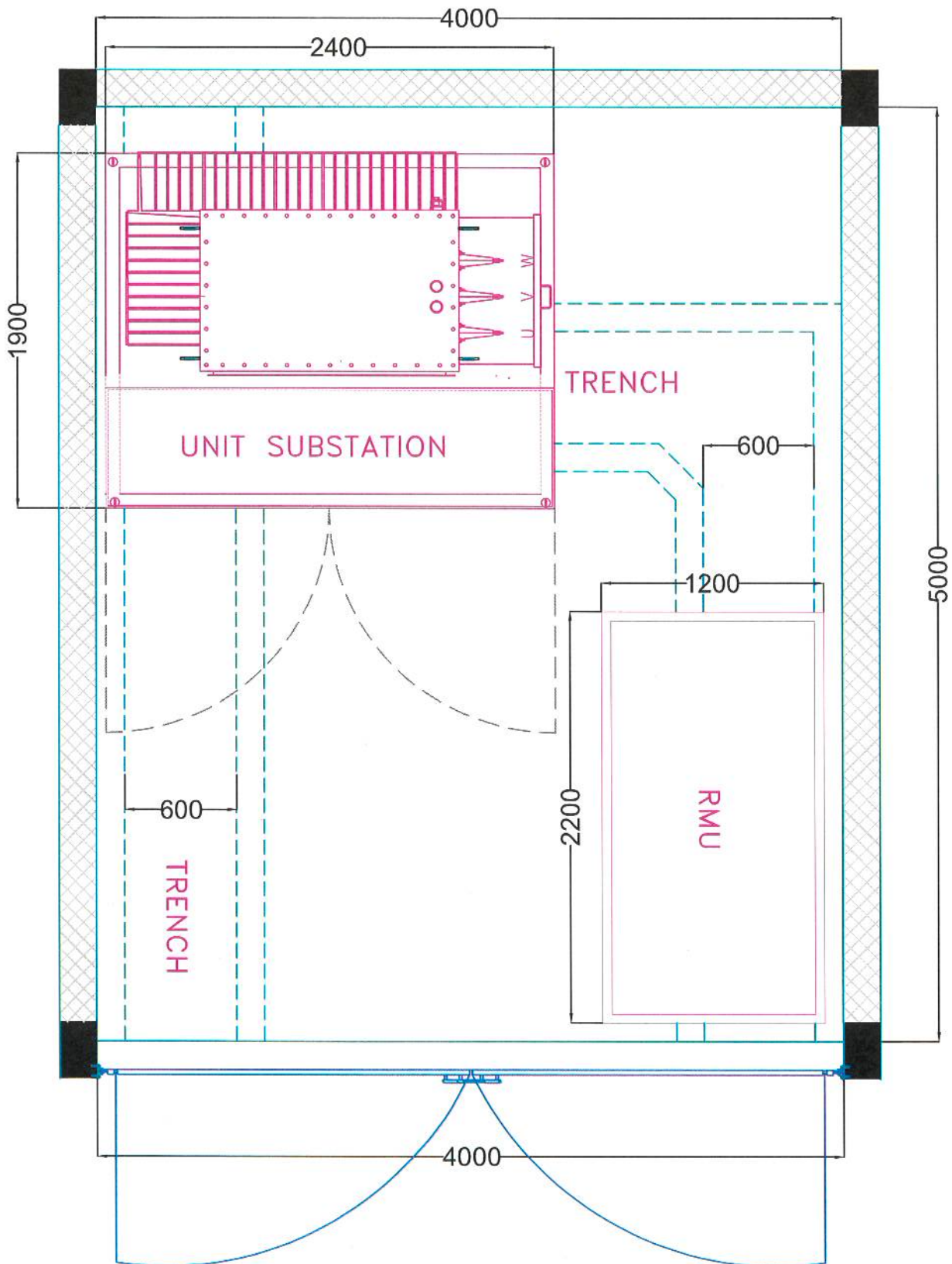


FIG.02C – 1500KVA U/S & RMU (33KV)



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UNIT SUBSTATION & RMU (13.8KV)  
500KVA, 1000KVA & 1500KVA  
ROOM SIZE: 5M X 4M

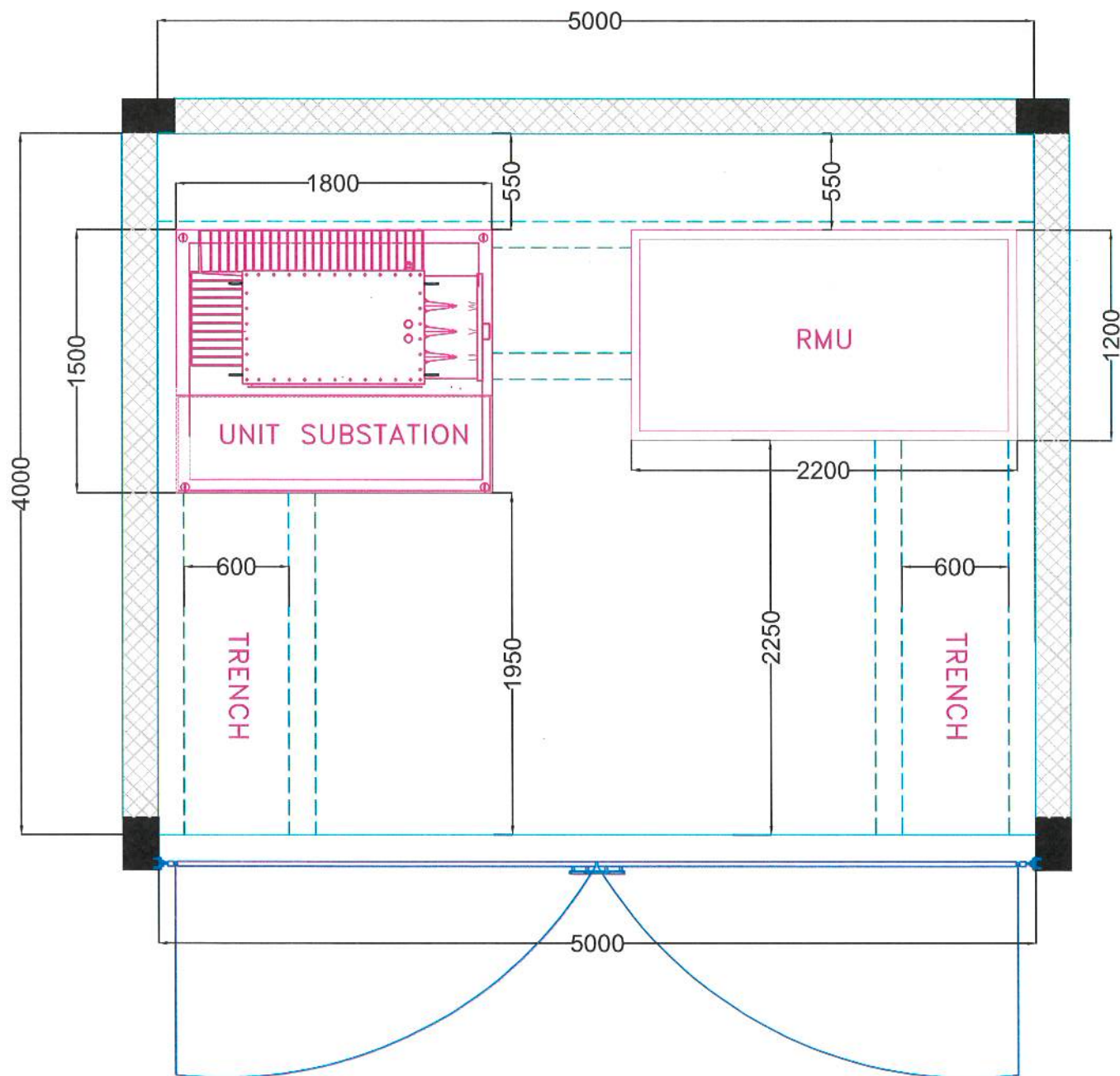


FIG.03A – 500KVA U/S & RMU (13.8KV)



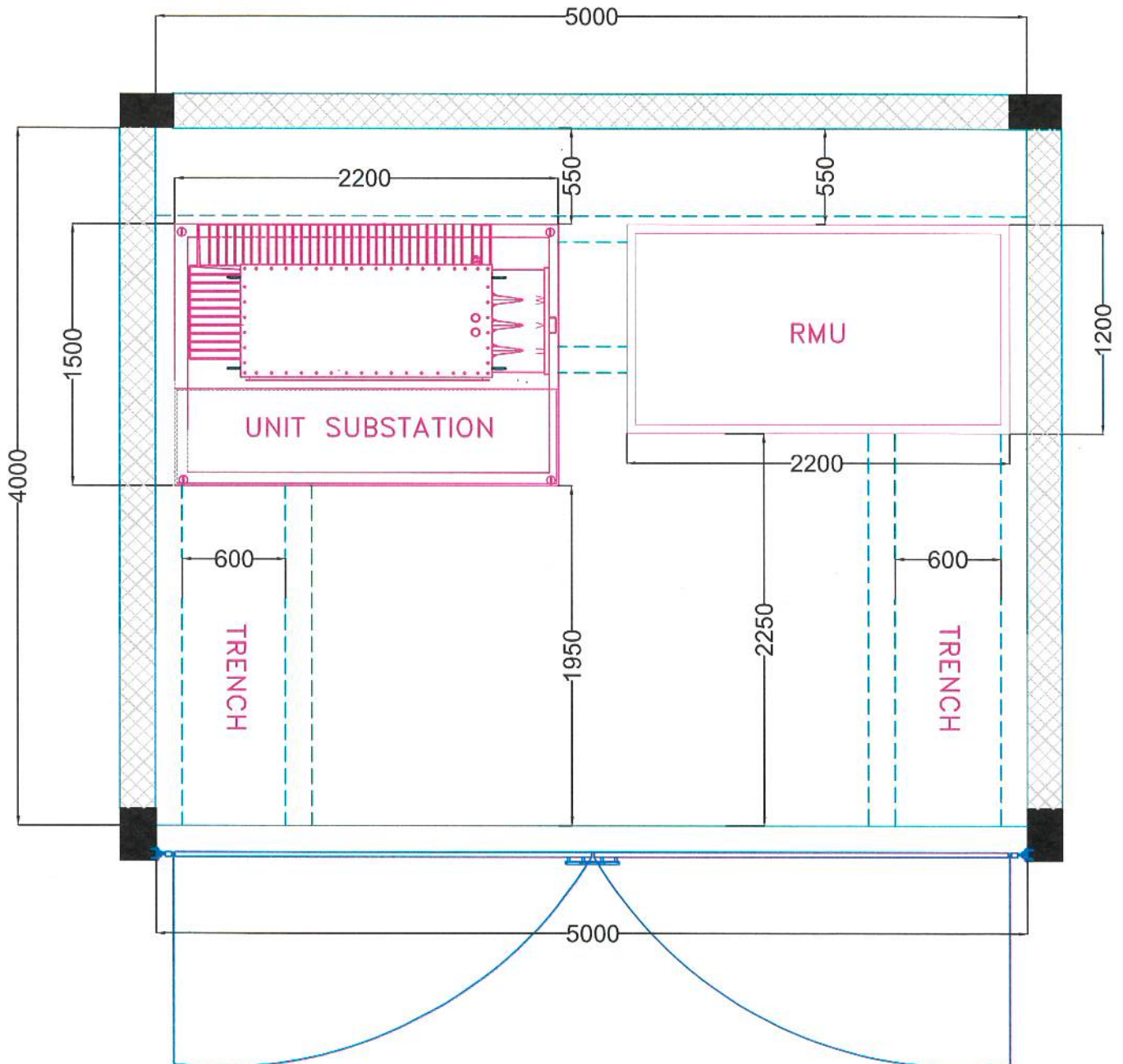


FIG.03B – 1000KVA U/S & RMU (13.8KV)

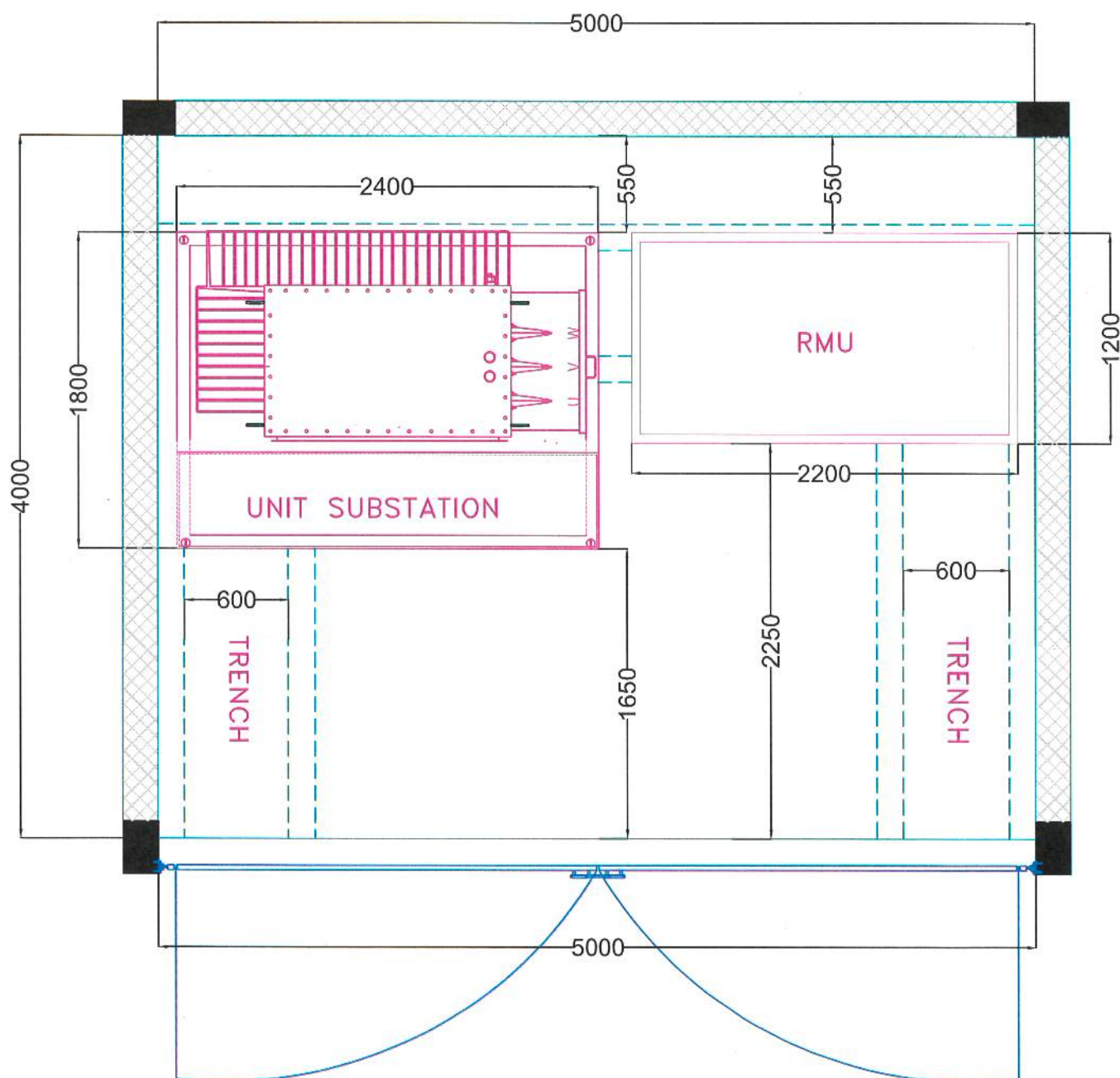


FIG.03C – 1500KVA U/S & RMU (13.8KV)

ALL DIMENSIONS ARE IN MILLIMETER



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UNIT SUBSTATION & RMU (33KV)  
500KVA, 1000KVA & 1500KVA  
ROOM SIZE: 5M X 4M



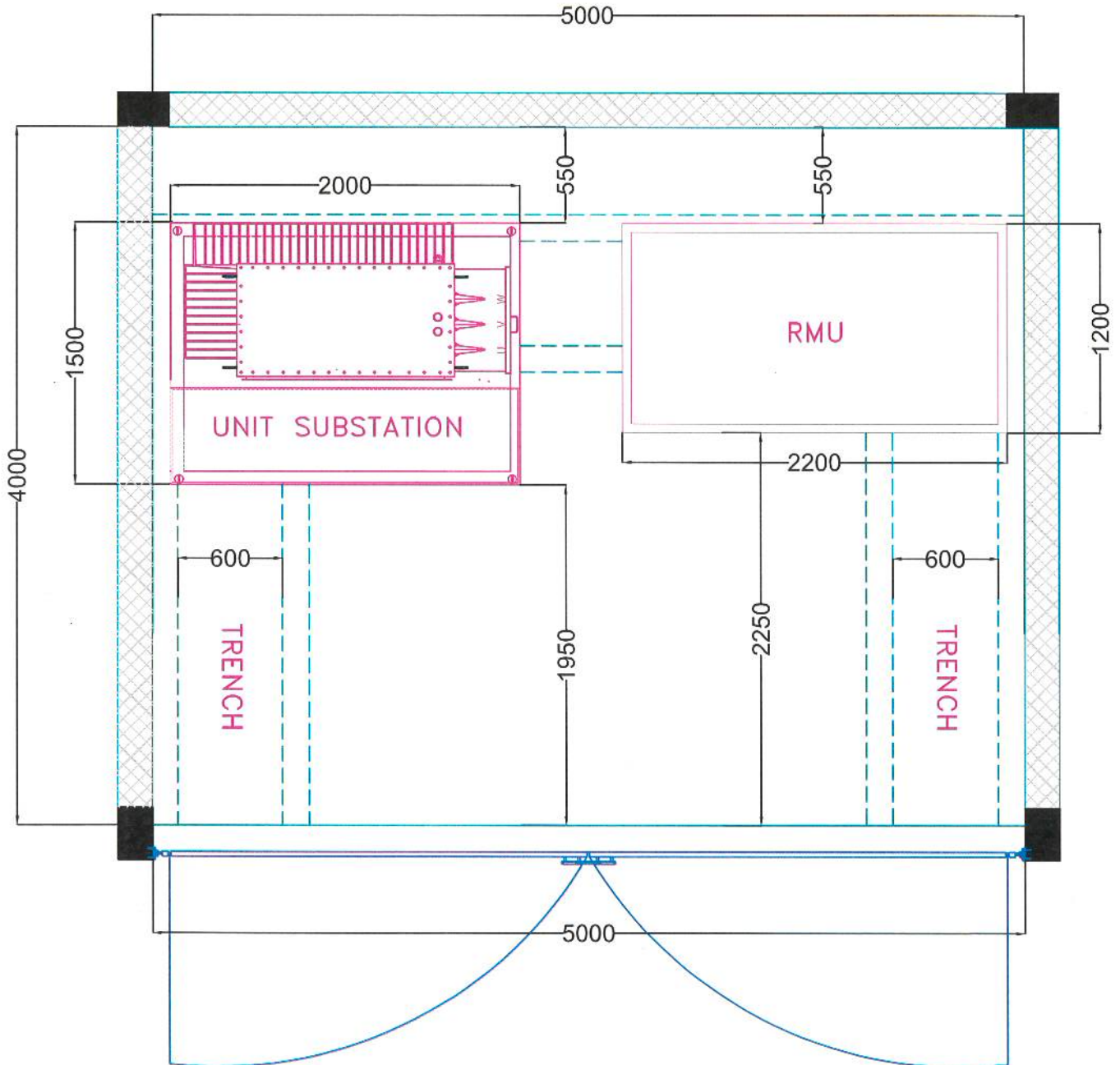


FIG.04A – 500KVA U/S & RMU (33KV)

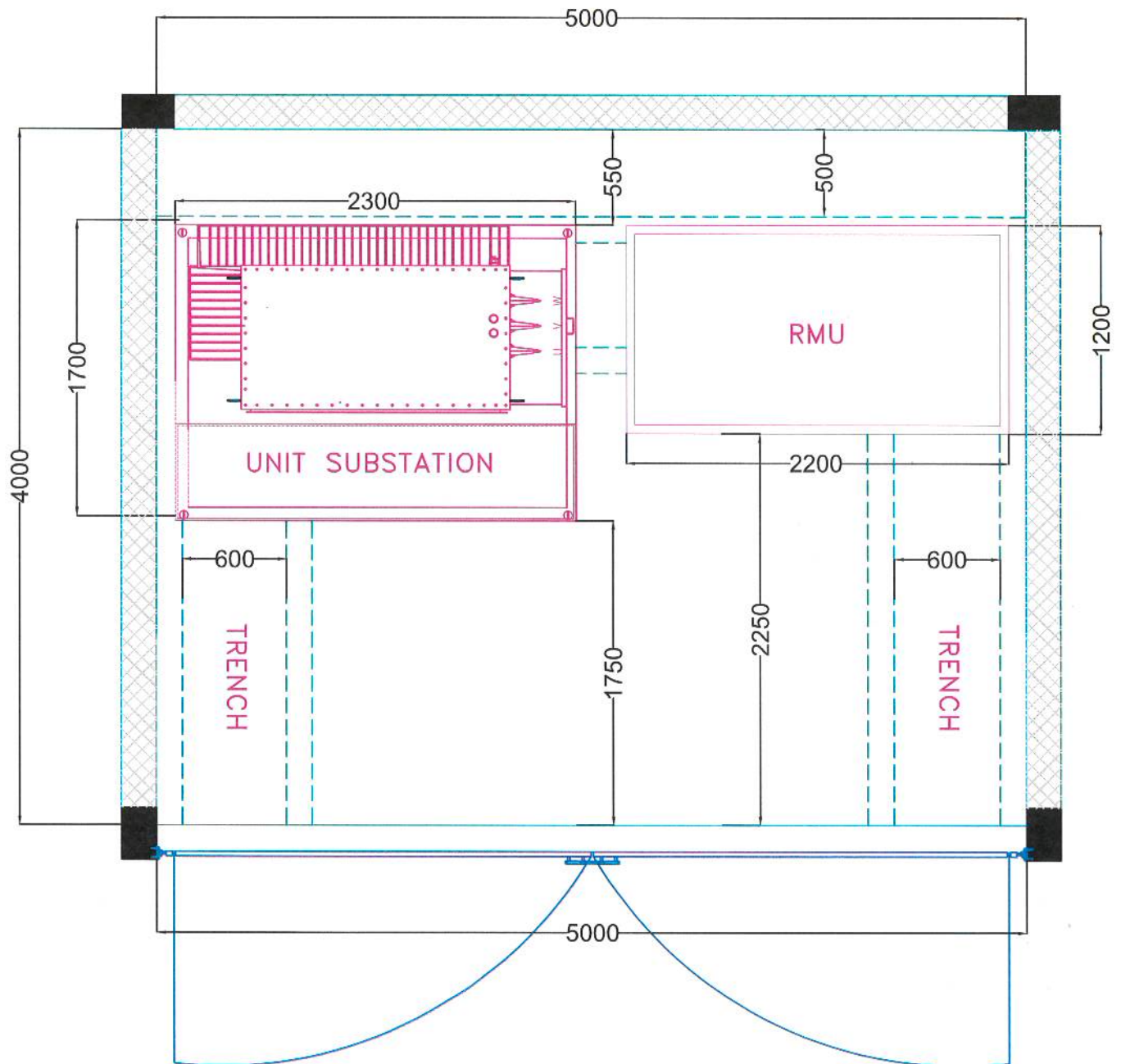


FIG.04B – 1000KVA U/S & RMU (33KV)

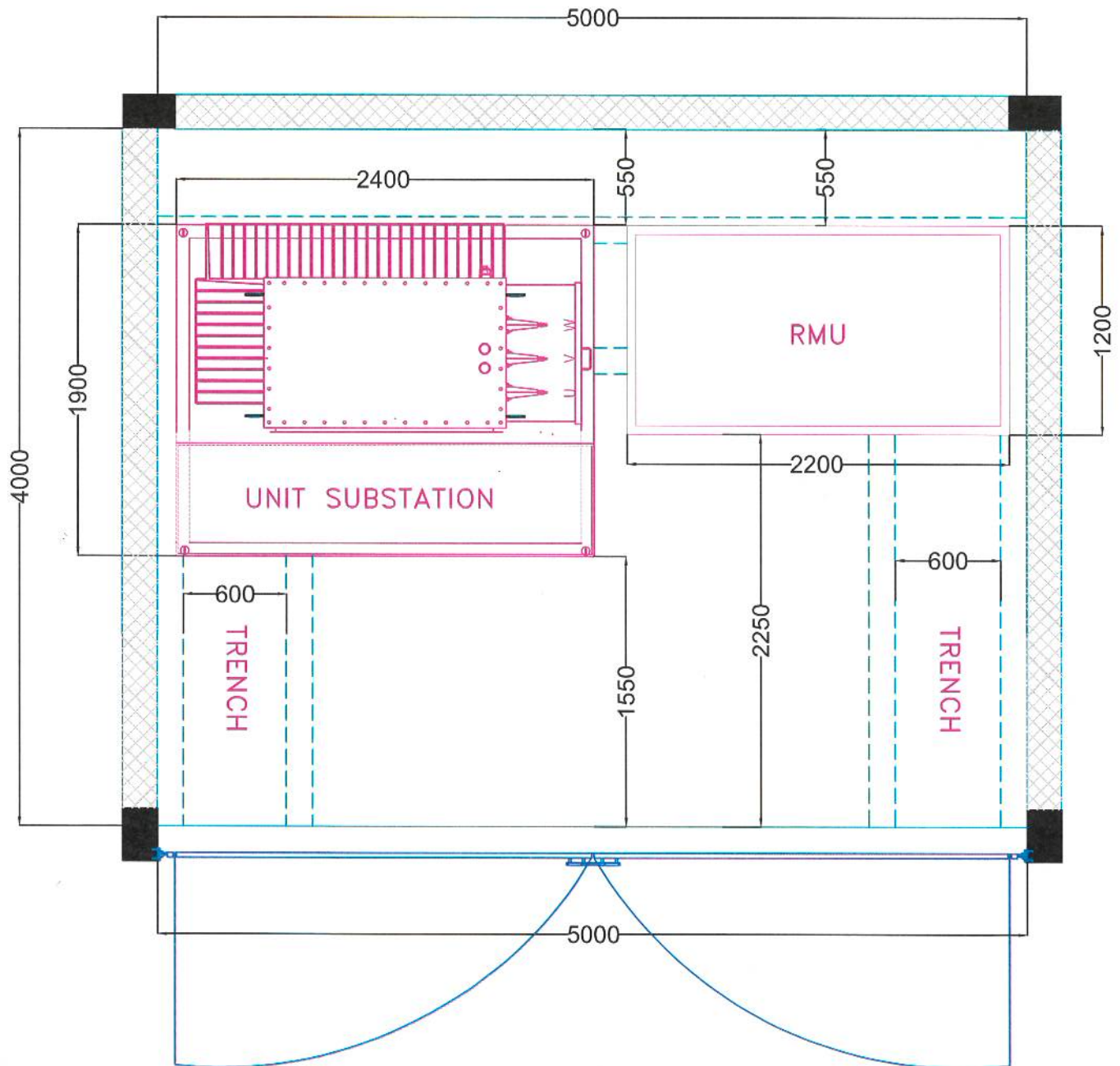


FIG.04C – 1500KVA U/S & RMU (33KV)





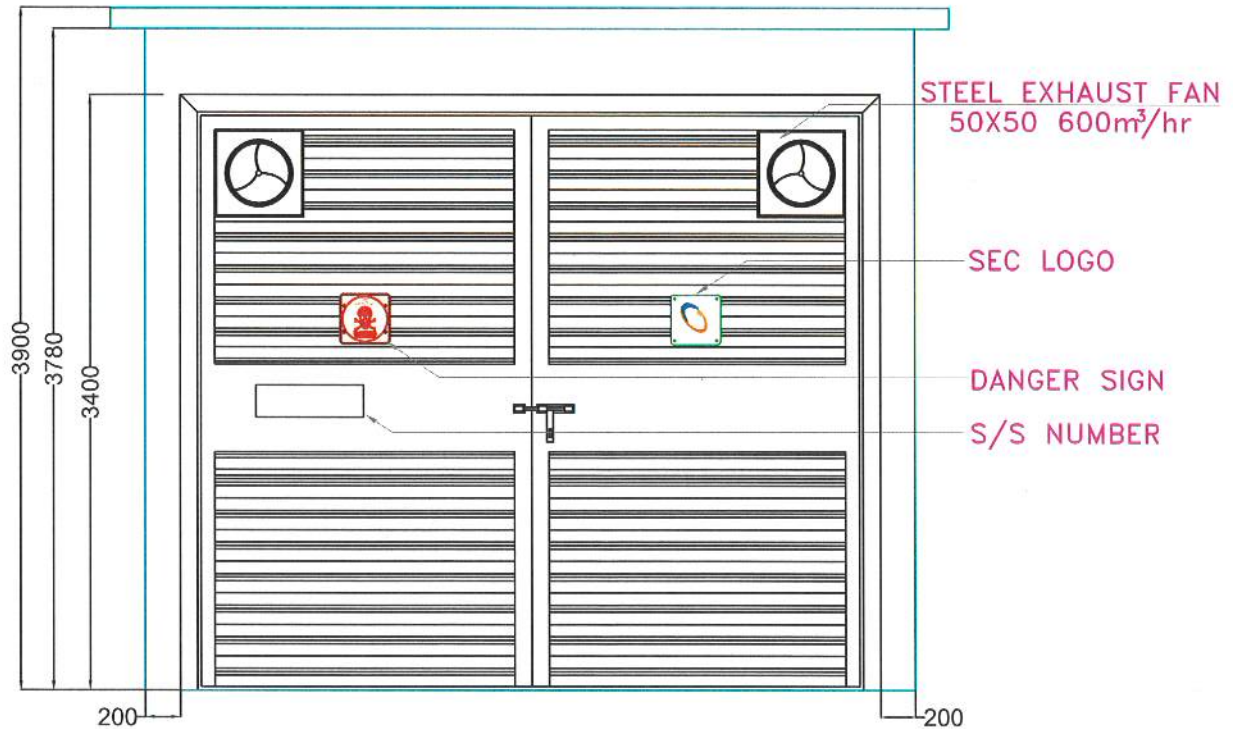
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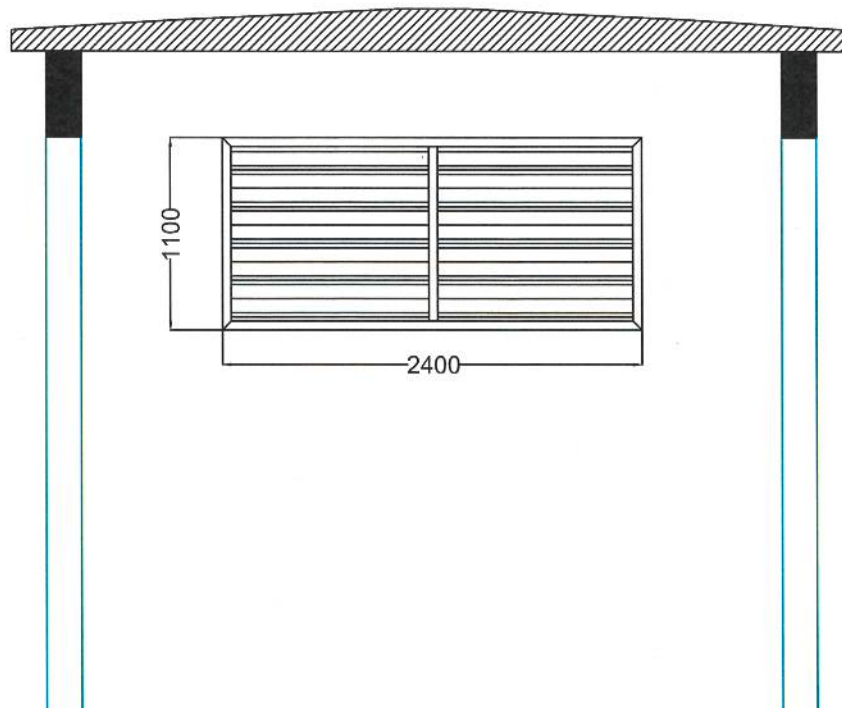
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DETAILS OF FRONT DOOR VIEW, DOOR DETAILS  
VENTILATION DETAILS & ROOM LIGHTING



DOOR FRONT VIEW



VENTILATION FRONT VIEW

ALL DIMENSIONS ARE IN MILLIMETER





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