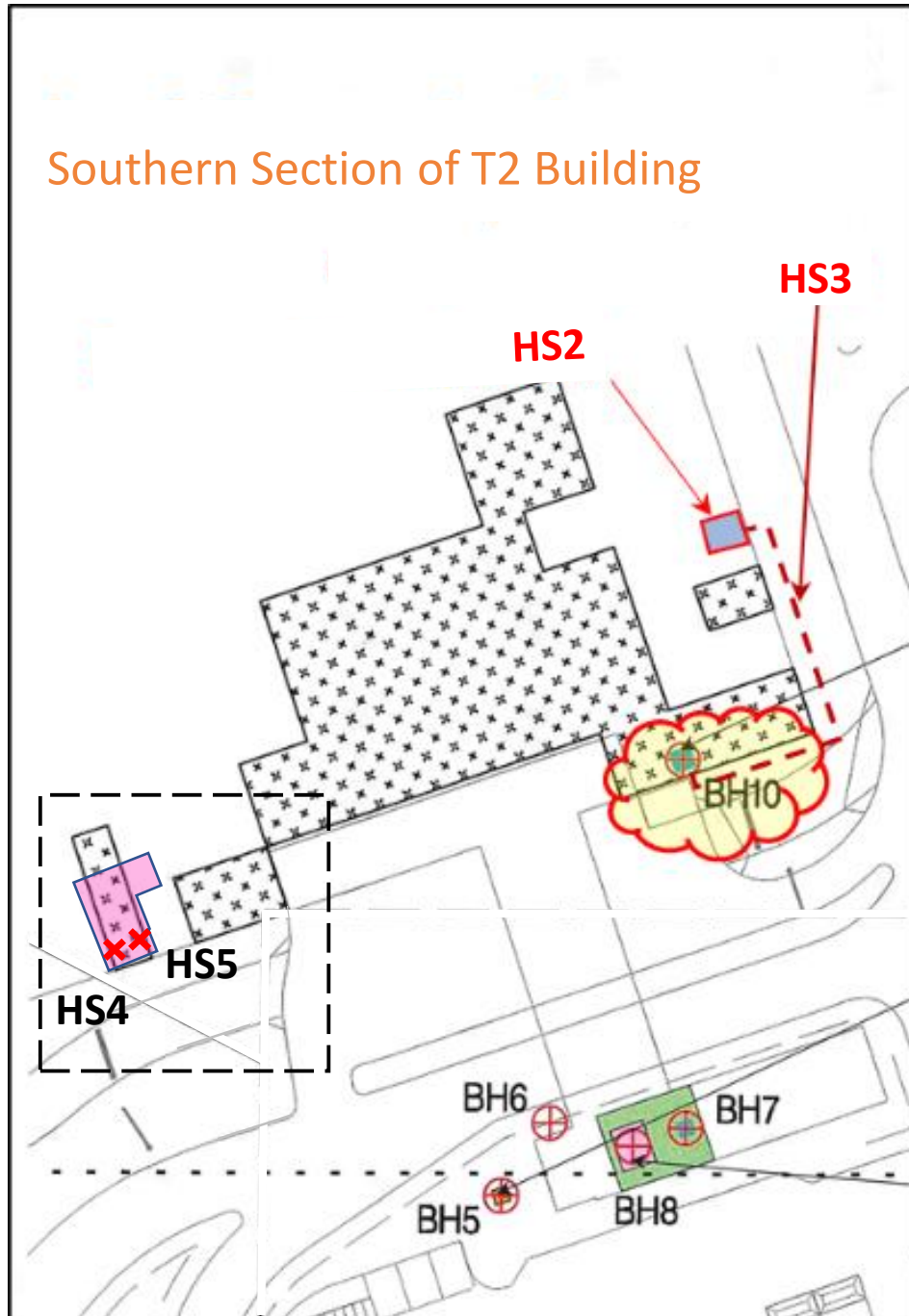
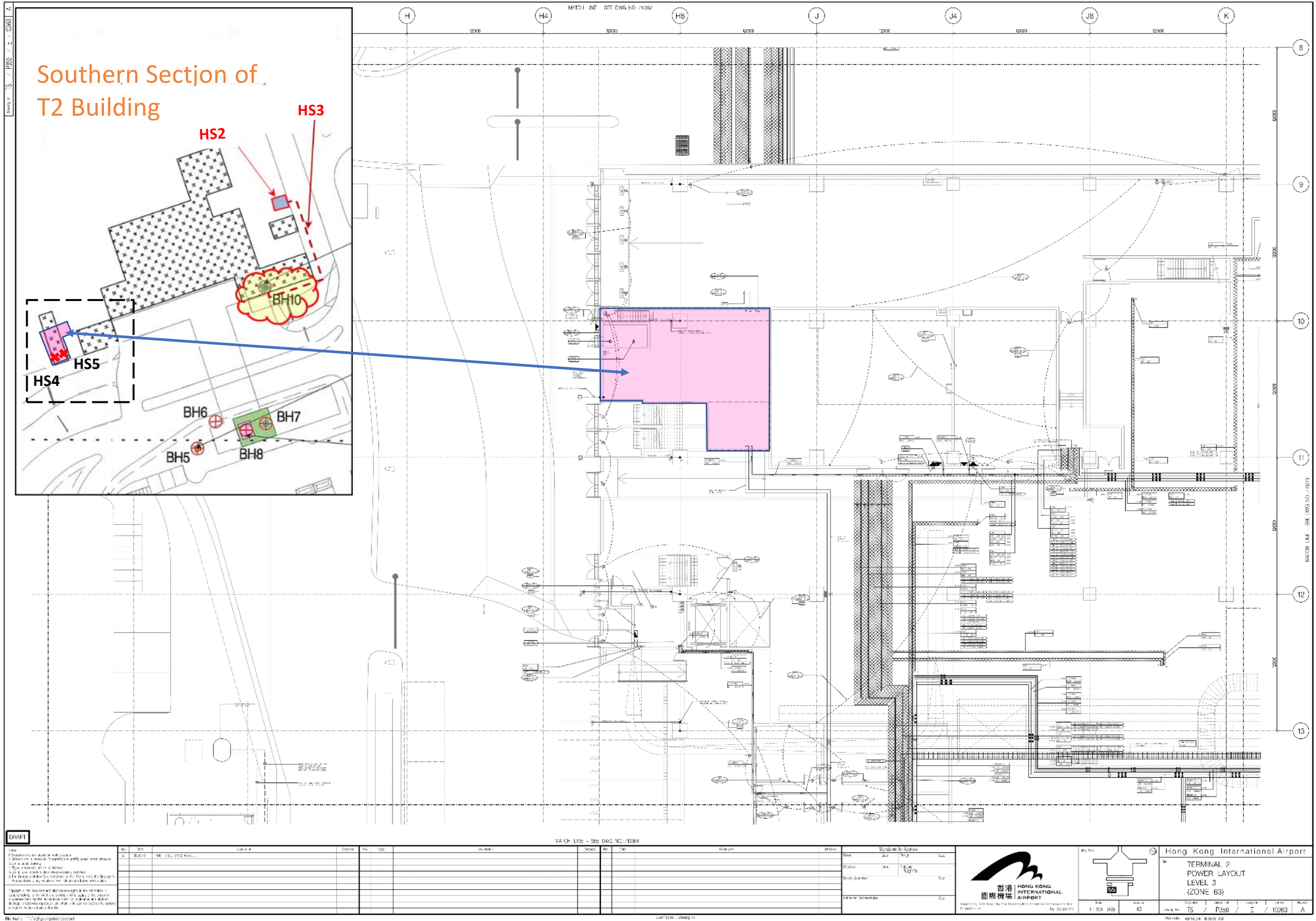


Appendix E.5 Emergency Power Supply System No. 5 ([HS4](#) and [HS5](#))



<u>Reference ID</u>	<u>Description</u>
HS4	(Newly Identified) A 1,500 L above-ground fuel tank at Fuel Tank Room
HS5	(Newly Identified) An emergency generator at Emergency Generator Room (above-ground)

Appendix E.5 Emergency Power Supply System No. 5 – Location of **Newly Identified HS4 (Above-ground Fuel Tank)** and **Newly identified HS5 (Above-ground Emergency Generator)**



DRAFT

1. This drawing is a draft and should not be used for construction purposes. It is intended for information only and is subject to change without notice. All dimensions are in millimeters unless otherwise stated. The drawing is the property of the Airport Authority and should not be reproduced or used in any way without the written permission of the Airport Authority.

Rev.	By	Check	Date	Description
1	TS	TS	10/03/2011	Issue for information

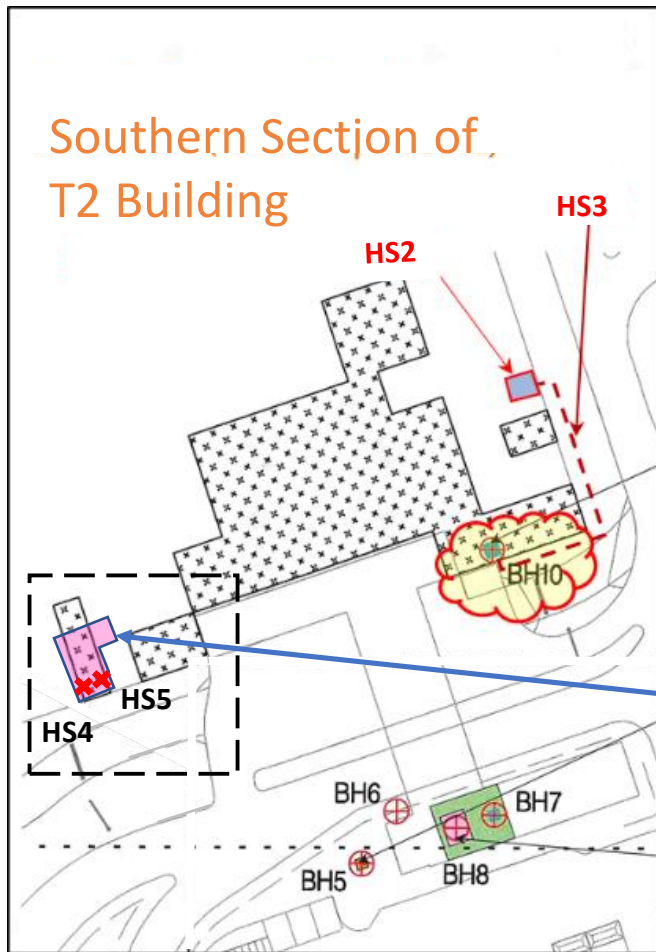


 HONG KONG INTERNATIONAL AIRPORT

Hong Kong International Airport
 TERMINAL 2
 POWER LAYOUT
 LEVEL 3
 (ZONE 63)

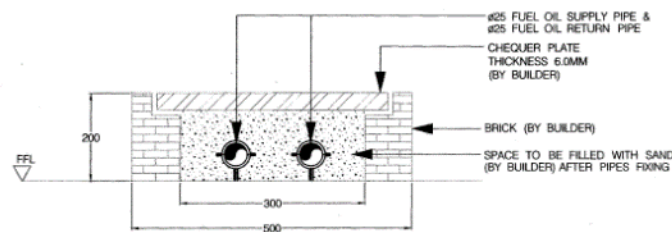
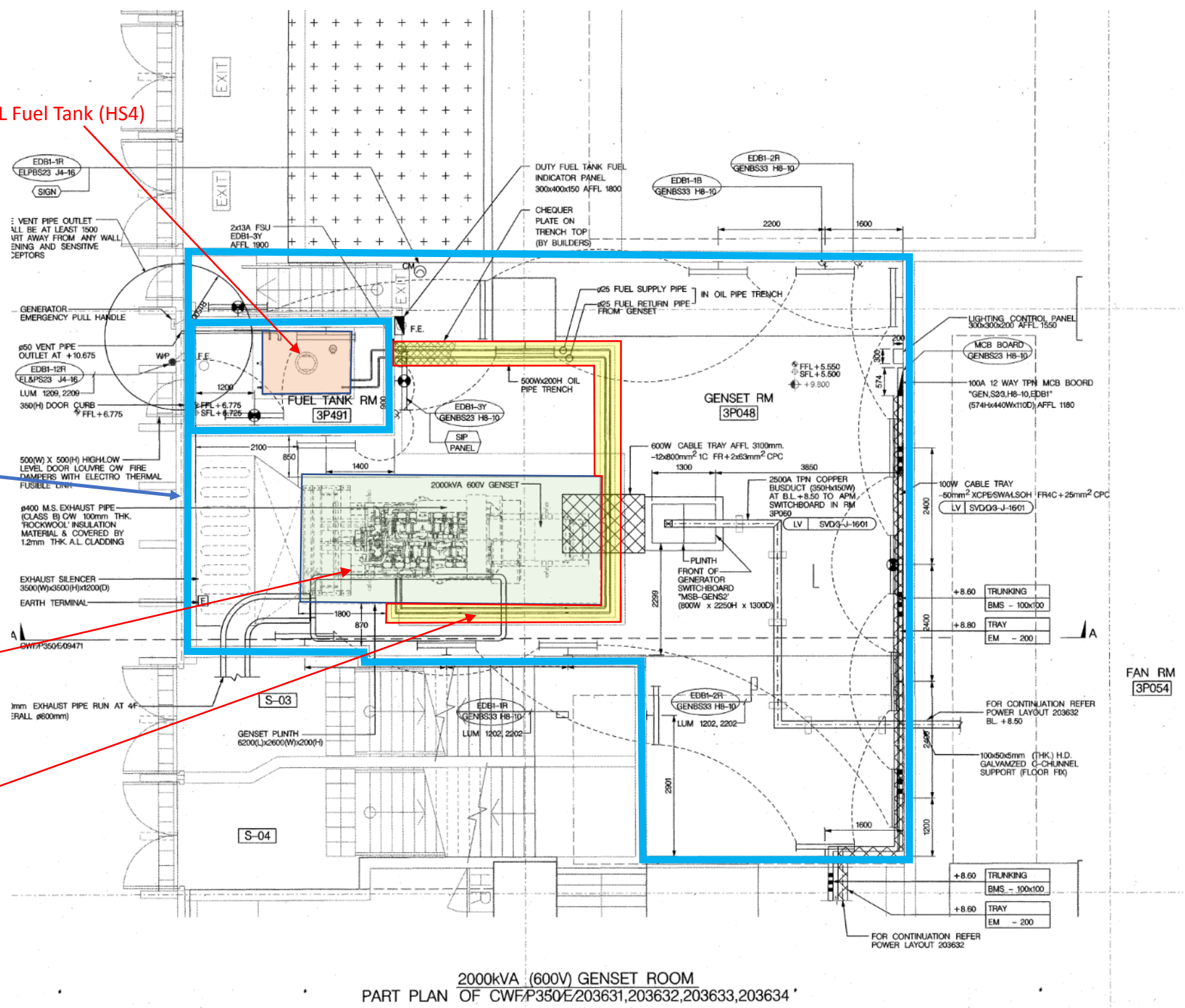
Scale: 1:100 (A3)
 Date: 10/03/2011
 Drawing No: TS / P350 / E / 10363

Appendix E.5 Emergency Power Supply System No. 5 – Details of **Newly identified HS4 (Above-ground Fuel Tank)** and **Newly identified HS5 (Above-ground Emergency Generator)**



1,500 L Fuel Tank (HS4)

Emergency Generator (HS5)
(Mounted on 200mm-thick concrete plinth)



Supply and return pipe from fuel oil tank
(Sand Filled Trench at floor level)

Notes

- Both the fuel tank and generator mounted on intact concrete floor with no any oil stain.
- Test run of emergency generator conducted monthly (for 30-60 mins)
- Fuel tank is checked monthly and re-filled approx. every 6 months.
- The quantity of fuel inside the tank is monitored by level sensor. No sign of leakage is detected.

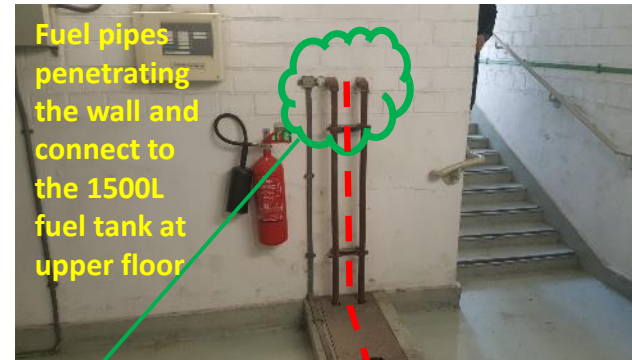
Appendix E.5 Emergency Power Supply System No. 5 – Details of Newly identified HS4 (Above-ground Fuel Tank) and Newly identified HS5 (Above-ground Emergency Generator)



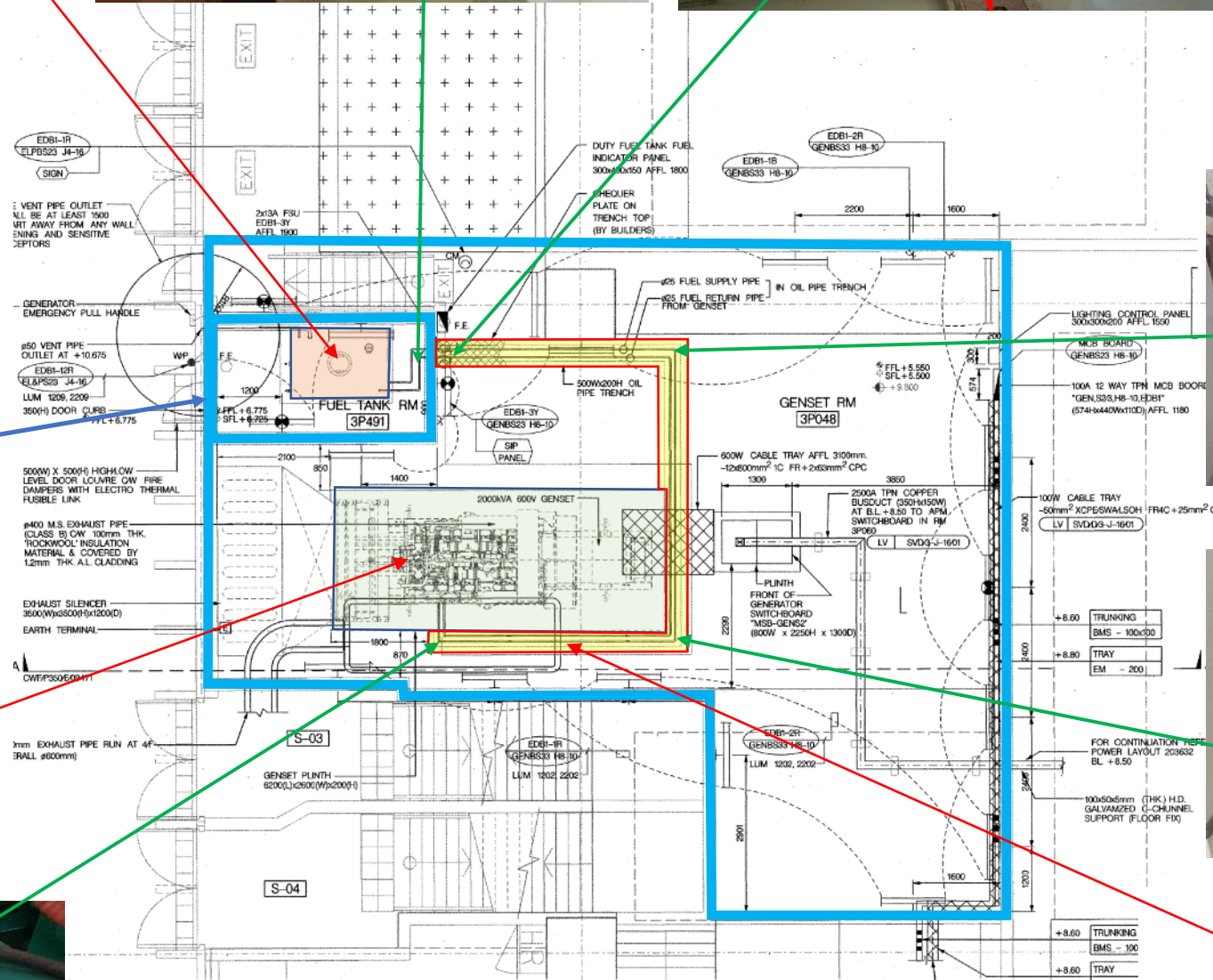
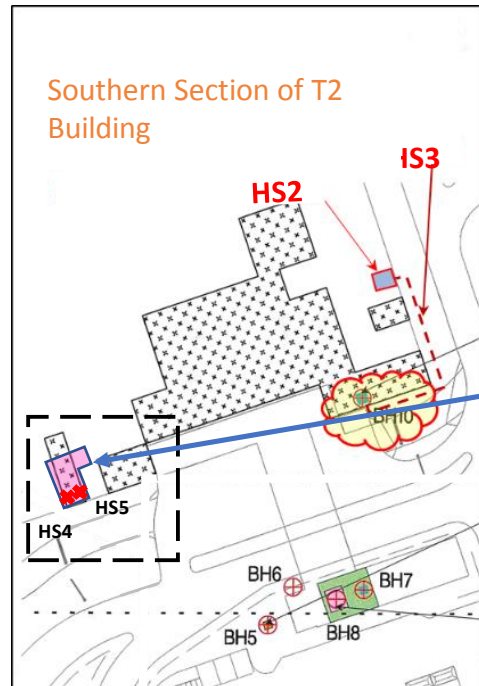
1,500 L fuel tank (HS4) with metal drip tray



Fuel pipes penetrating the wall and connect to the generators at lower floor



Fuel pipes penetrating the wall and connect to the 1500L fuel tank at upper floor

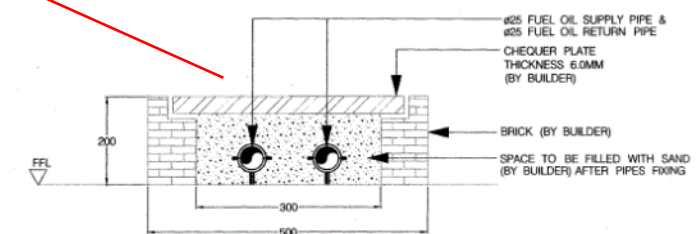


Notes

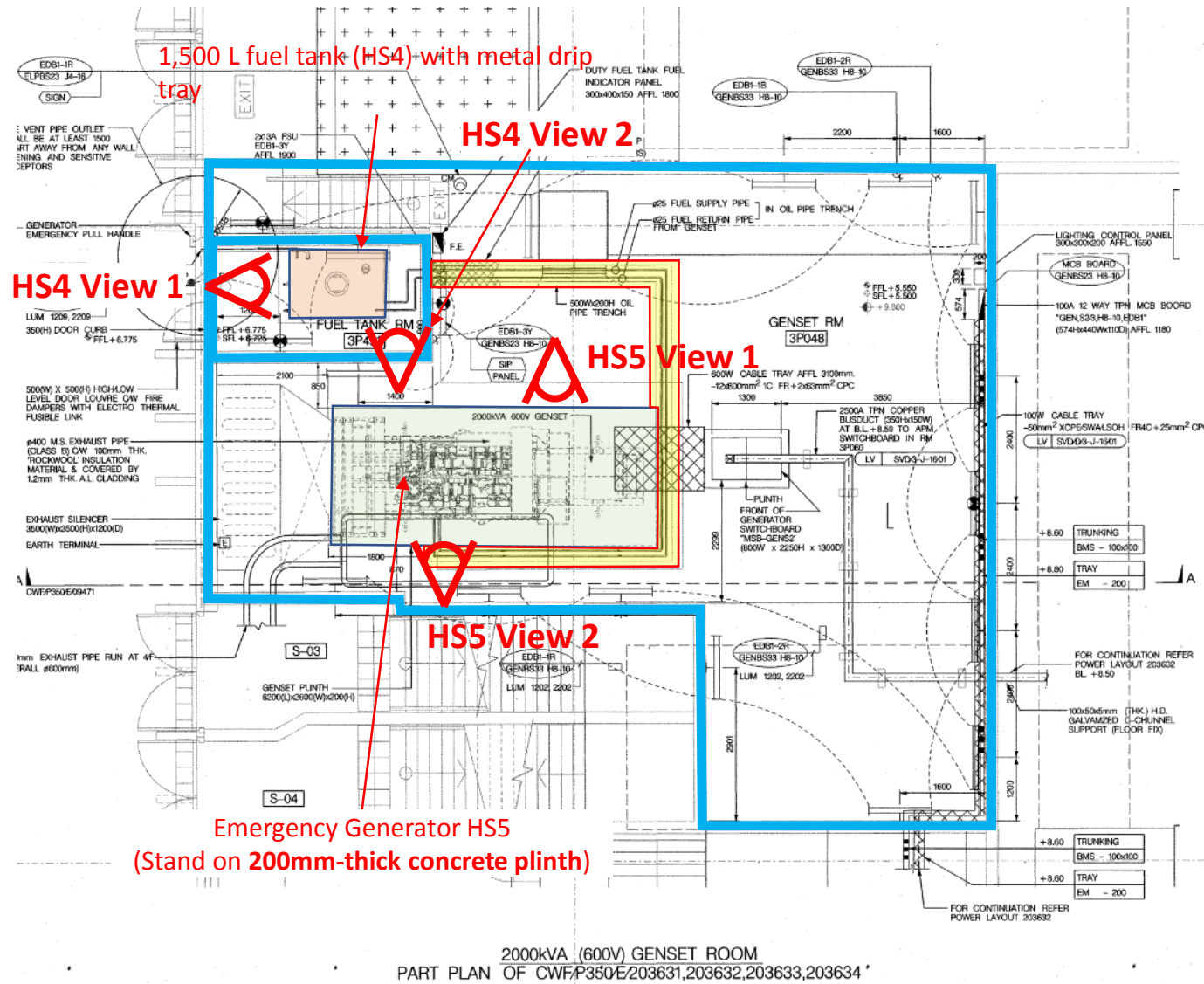
- Both the fuel tank and generator mounted on intact concrete floor with no any oil stain.
- Test run of emergency generator conducted monthly (for 30-60 mins)
- Fuel tank is checked monthly and re-filled approx. every 6 months.
- The quantity of fuel inside the tank is monitored by level sensor. No sign of leakage is detected.



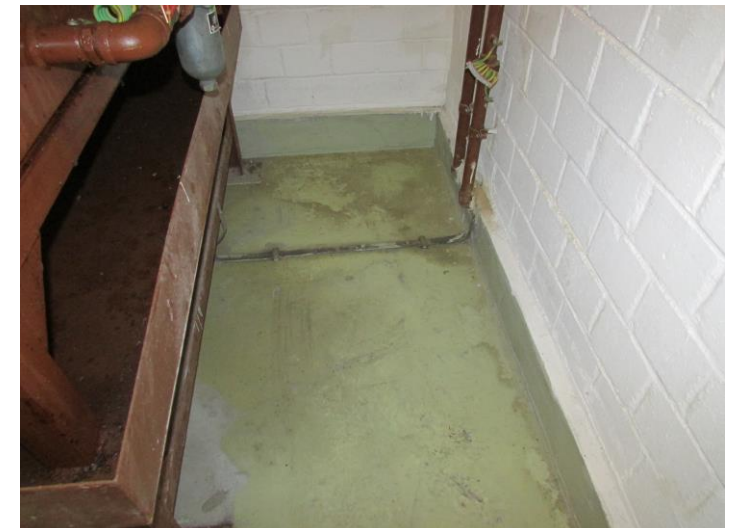
Emergency Generator HS5 (Stand on 200mm-thick concrete plinth)



Appendix E.5 Emergency Power Supply System No. 5 – Details of **Newly identified HS4 (Above-ground Fuel Tank)** and **Newly identified HS5 (Above-ground Emergency Generator)**



HS4 View 1 - concrete floor condition underneath 1,500L Above-ground Fuel Tank



HS4 View 2 - concrete floor condition of fuel tank room with 1,500 L above-ground fuel tank



HS5 View 1 - concrete floor condition underneath emergency generator



HS5 View 2 - concrete floor condition underneath emergency generator