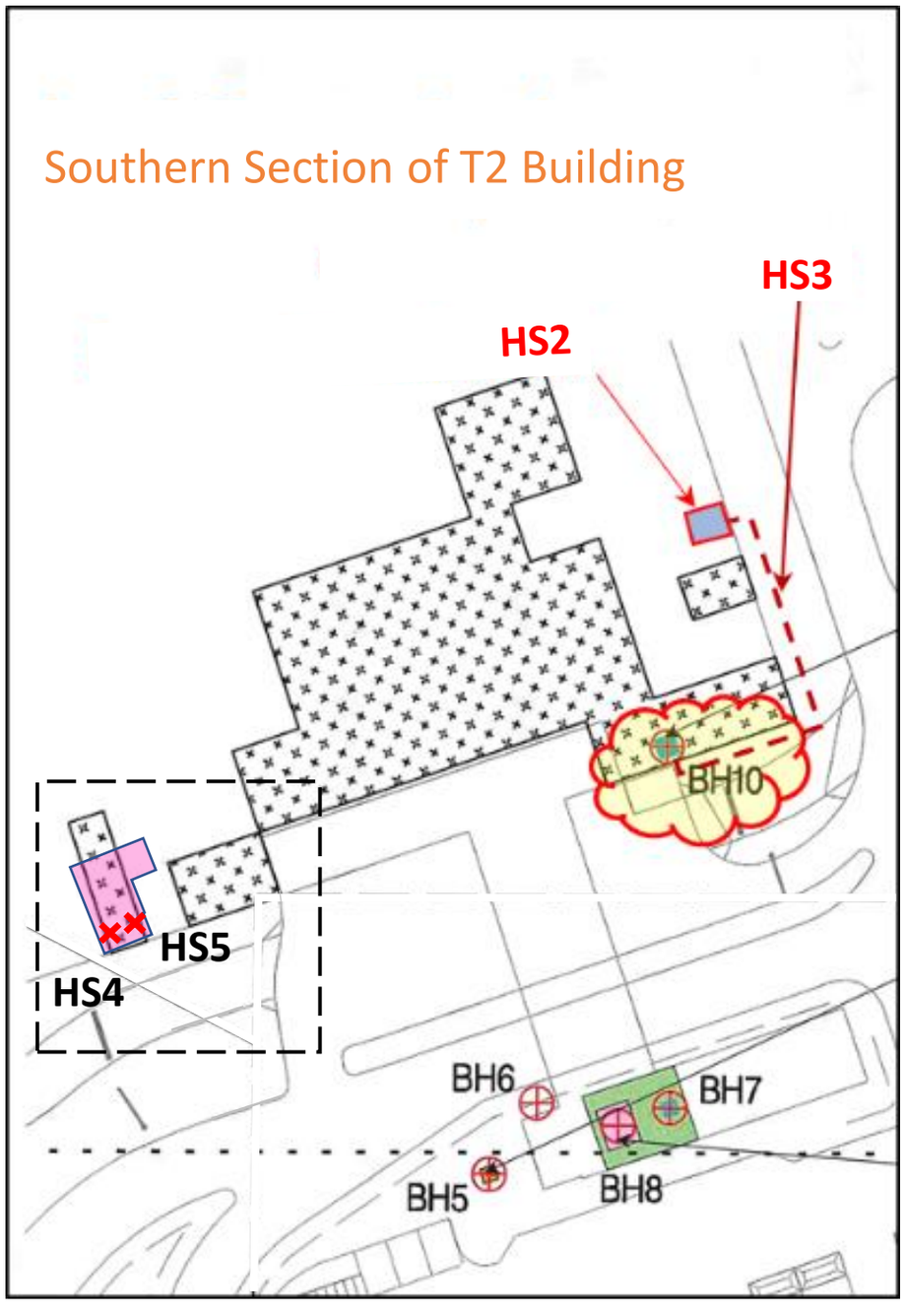
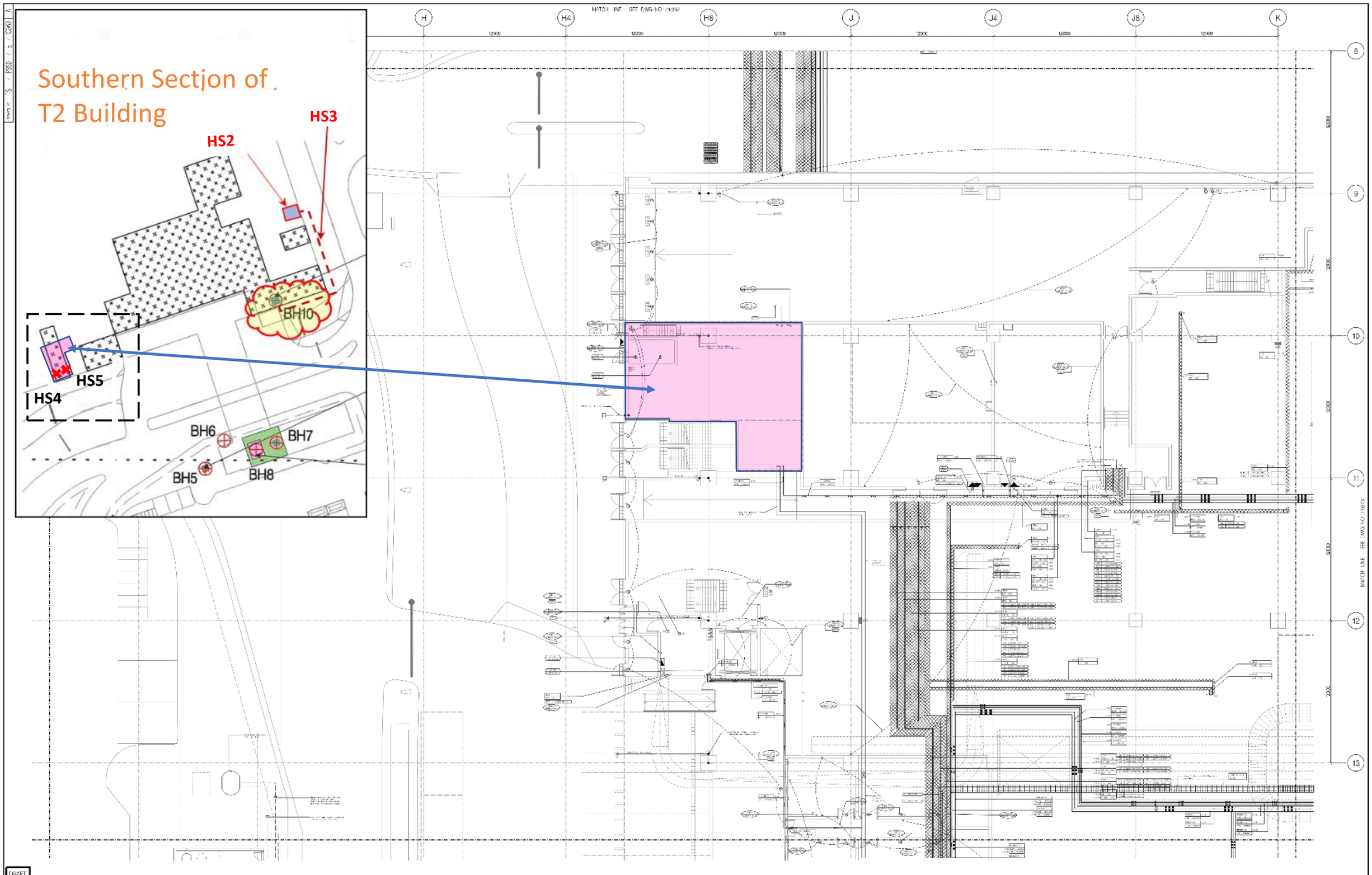
Appendix E.5 Emergency Power Supply System No. 5 (**HS4** and **HS5**)

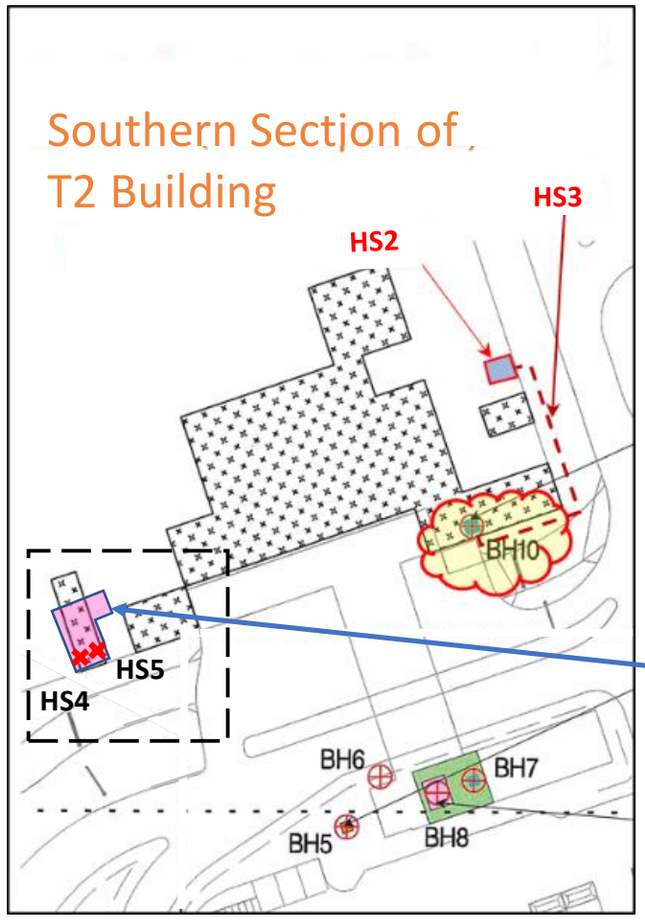


Reference ID	Description
HS4	**(Newly Identified)** A 1,500 L **above-ground** fuel tank at Fuel Tank Room
HS5	**(Newly Identified)** An emergency generator at Emergency Generator Room (**above-ground)**

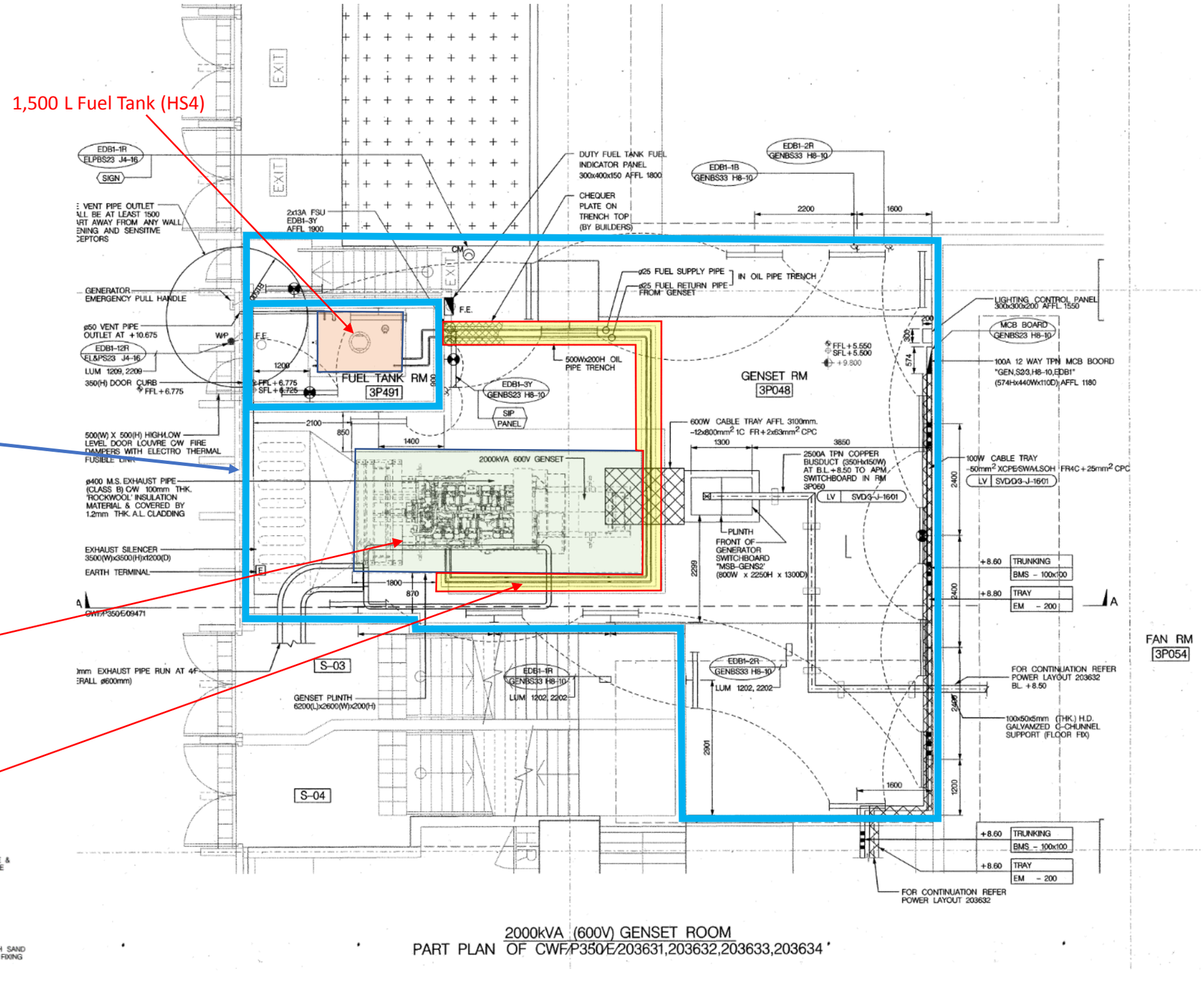
Appendix E.5 Emergency Power Supply System No. 5 – Location of **Newly Identified HS4** (**Above-ground** Fuel Tank) and **Newly identified HS5** (**Above-ground** Emergency Generator)



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)

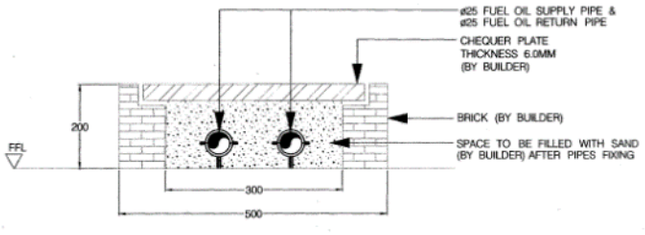


1,500 L Fuel Tank (HS4)



2000kVA (600V) GENSET ROOM
PART PLAN OF CWF/P350/E/203631,203632,203633,203634

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



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

Notes

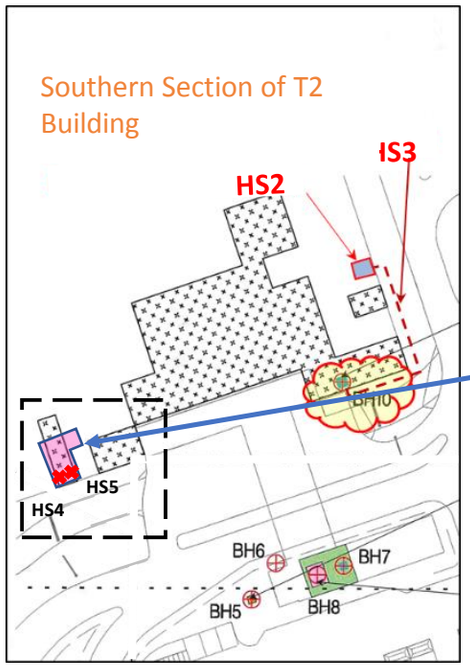
- Both the fuel tank and generator mounted on intact concrete floor with no any oil stain.
- Test run of emergency generator conducted monthly (for 30-60 mins)
- Fuel tank is checked monthly and re-filled approx. every 6 months.
- The quantity of fuel inside the tank is monitored by level sensor. No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

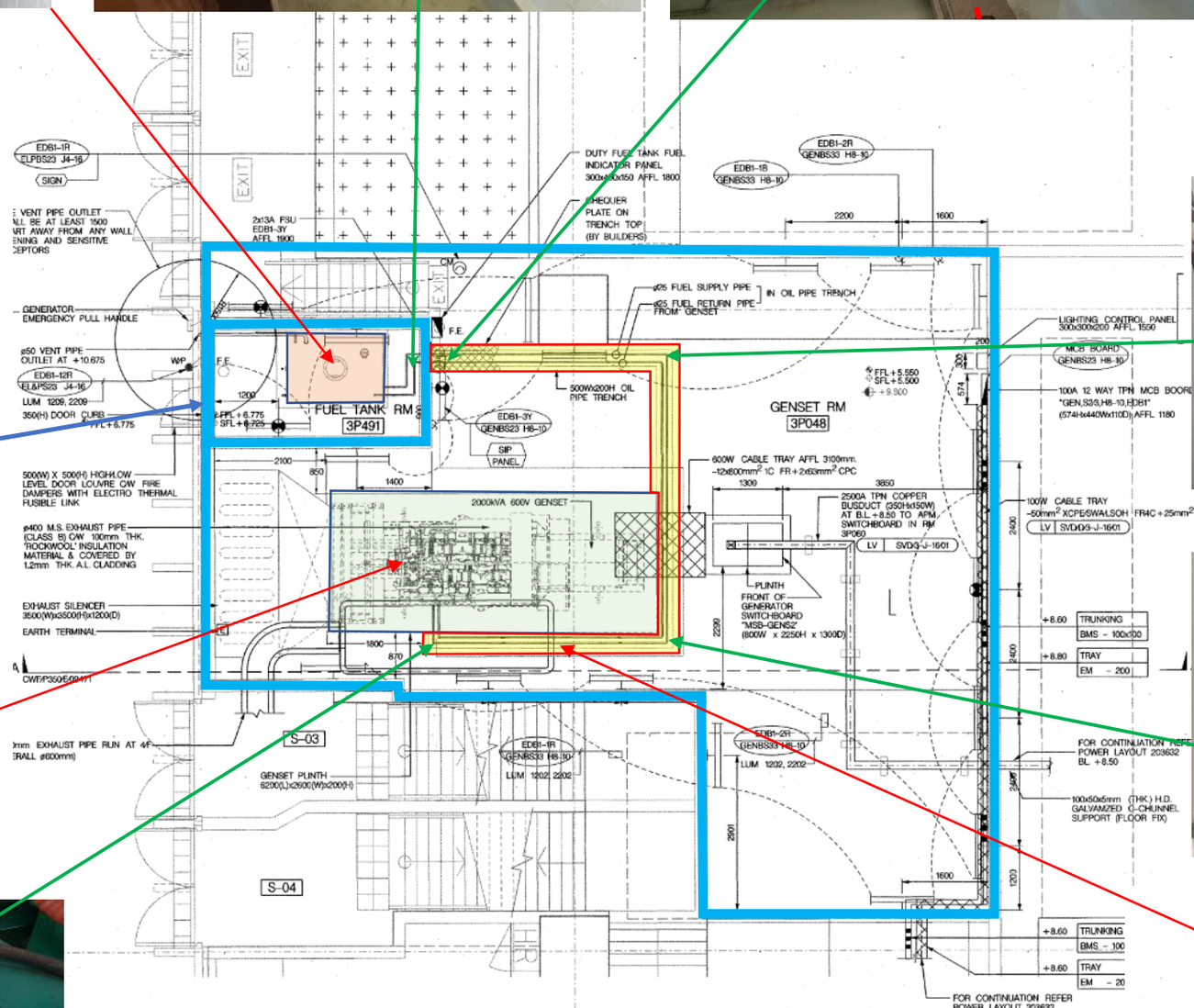
Appendix E.5 Emergency Power Supply System No. 5 – Details of **Newly identified HS4** (**Above-ground** Fuel Tank) and **Newly identified HS5** (**Above-ground** Emergency Generator)

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

Notes

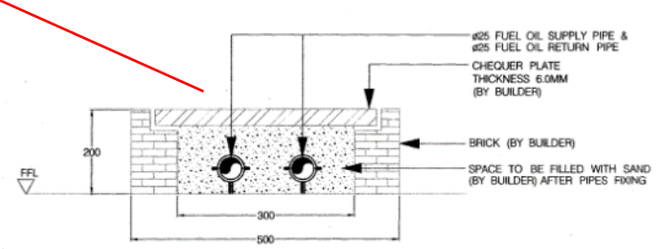
- Both the fuel tank and generator mounted on intact concrete floor with no any oil stain.
- Test run of emergency generator conducted monthly (for 30-60 mins)
- Fuel tank is checked monthly and re-filled approx. every 6 months.
- The quantity of fuel inside the tank is monitored by level sensor. No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





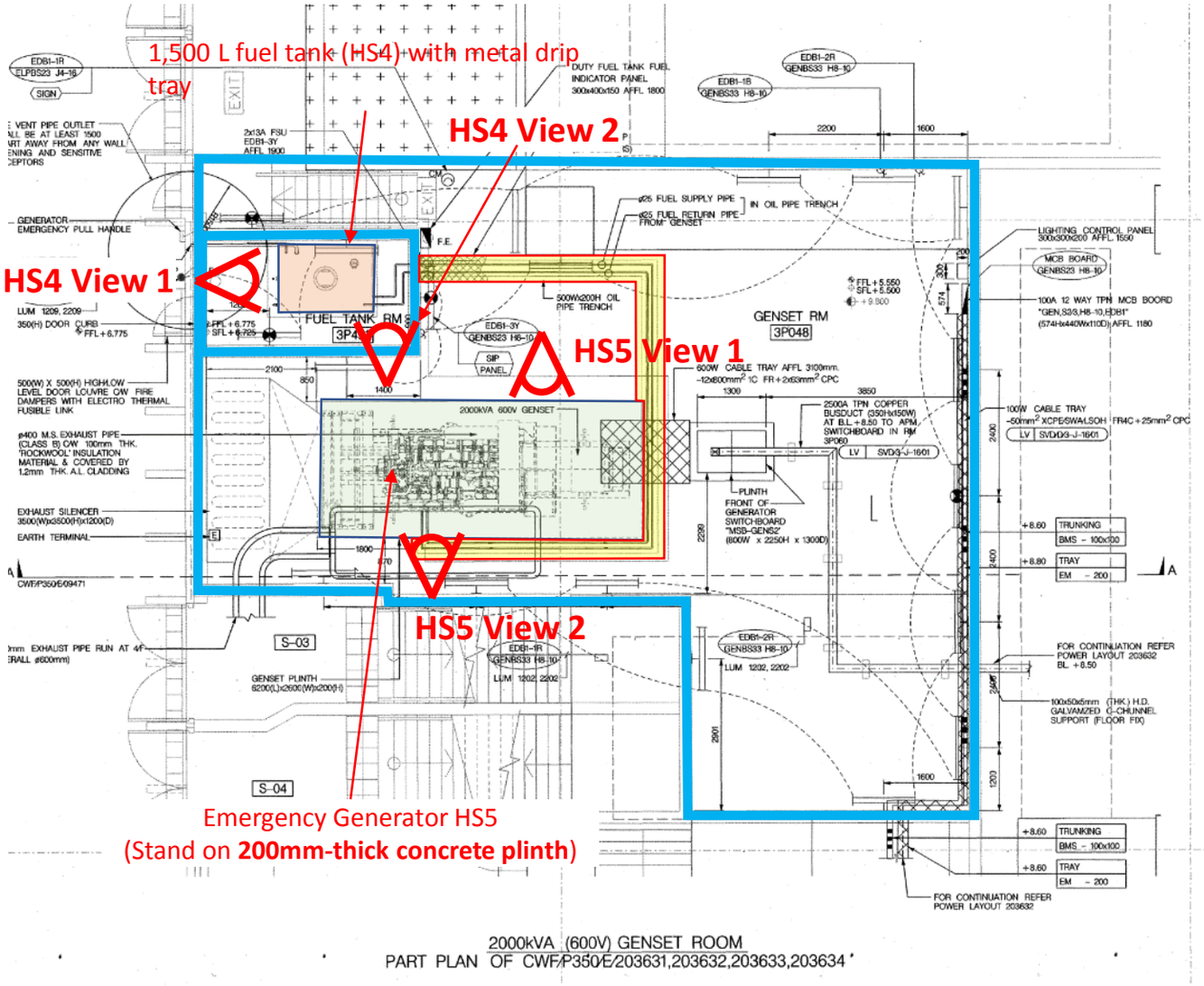
2000kVA (600V) GENSET ROOM
PART PLAN OF CWF/P350/E/203631,203632,203633,203634

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



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

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)



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

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