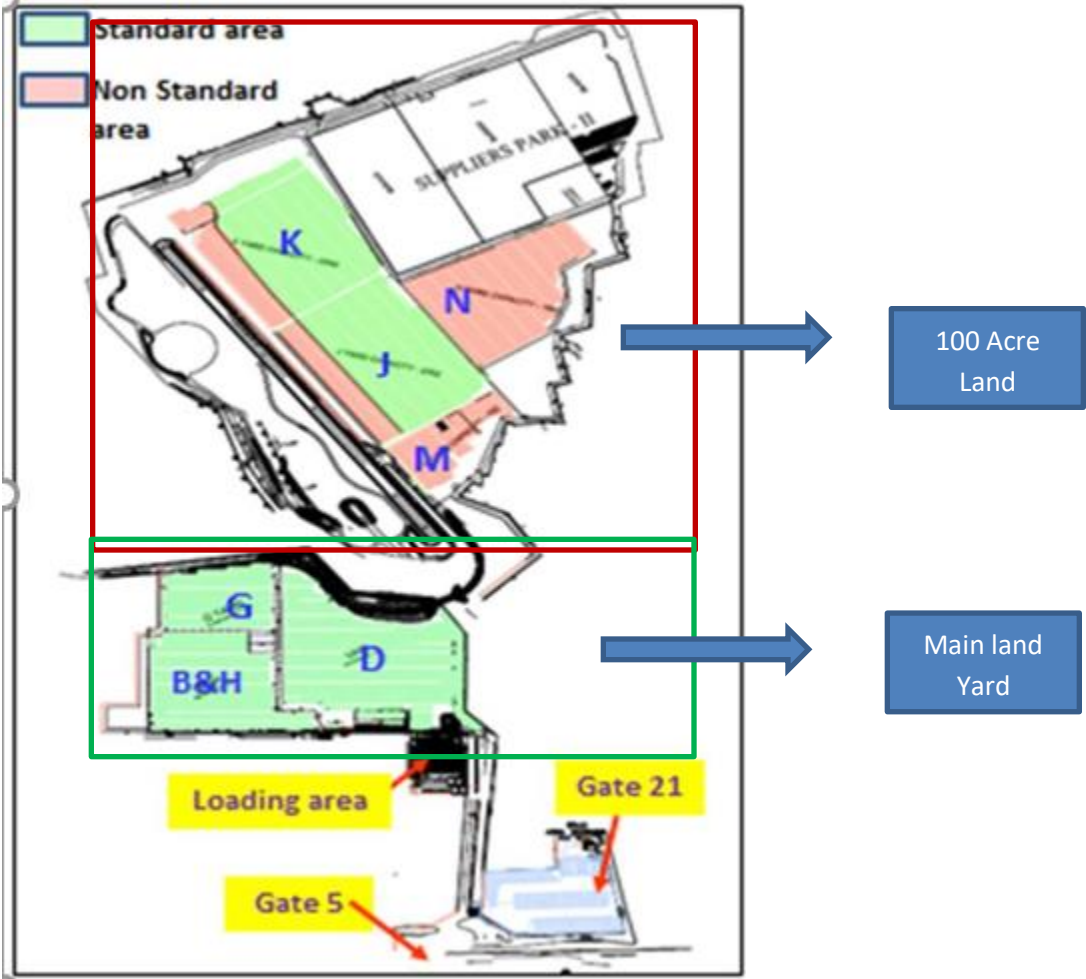


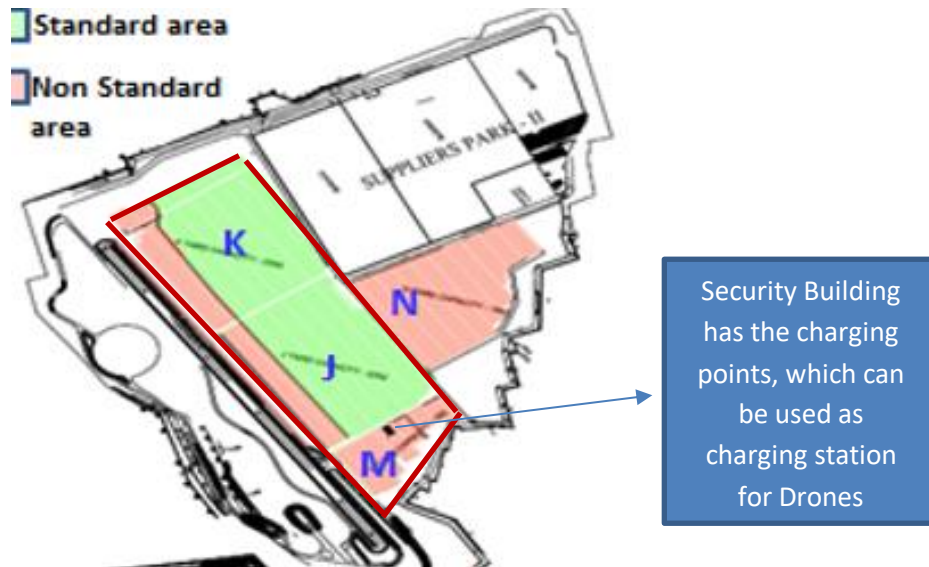
Following is the Yard Layout in Chennai Plant. We are considering 2 requirements for using drones in the Yard Operations;

- a) Surveillance
- b) Vehicle Identification for day to day Operations.



a) Surveillance

Surveillance of J, K & M yard @ 100 acre land



Requirement:

- Drone has to start from the Security building (Charging station) and take the flight through the peripheral of “J , K & M Yard“ marked in the layout.
- Option 1 - Drone has to do the peripheral surveillance of J,K & M yard for every 1 hour for 8 hours a day. (Night 10pm to 6am early morning)
- Option 2 - Drone has to do the peripheral surveillance of J, K & M yard for every 1 hour for 24 hours a day.
- Peripheral distance to be covered by Drone for J, K & M yard is estimated at **1420 mtr.**