

**N.F.P.A Requirements**

1. Fire extinguisher shall be installed in accordance with NFPA 10.
2. Fire Alarm system shall be installed in accordance with NFPA 72.
3. Automatic smoke and heat detectors shall be installed in accordance with NFPA 101.
4. Emergency lighting shall be installed in accordance with NFPA 70.
5. Emergency notices and signs shall be installed in accordance with NFPA 101.
6. Fire hose reel shall be installed in accordance with NFPA 14.
7. Fire hydrant shall be installed in accordance with NFPA 14.
8. Means of escape shall be installed in accordance with the requirements of section 3.2 of the National Building Code.
9. Ventilation system shall be installed in accordance with the requirement of section 6.7 and 3.1.1.4 of the National Code.
10. Sprinkler system where applicable shall be installed in accordance with the requirement of section 3.4 of the National Building Code. This sprinkler system shall be installed in accordance with NFPA 13.

.....

..... Fire Concept

..... Water layout & details