COMPONENTS

1. Pressure gauge
2. Flexible coupler
3. Sight glass
4. Pressure relief valve
5. Check valve
6. Gate valve
7. Hose line connection
8. To sprinkler system
9. Pump mounting plate by installer
10. Roof hatches for removal of pumps
11. Winter heat/summer ventilation
12. Fire pump controls
13. Submersible jockey pump
14. Mechanical water level gauge
15. Suction sump for vertical turbine pump
16. Recirculation line
17. Refill line
18. Isolate piping and manway from concrete floor
19. Vent

IMPORTANT

This layout is conceptual but typical of such systems. All fire protection sprinkler designs must be engineered for each specific building application and approved by the Local Authority having jurisdiction.

ABBREVIATED PLUMBING FOR FITTING CLARITY

NOT TO SCALE, FOR ILLUSTRATION ONLY