

Fire Sprinkler Pump Mounted Inside a Storage Tank with Pump House Above

Typical Commercial / Industrial Application

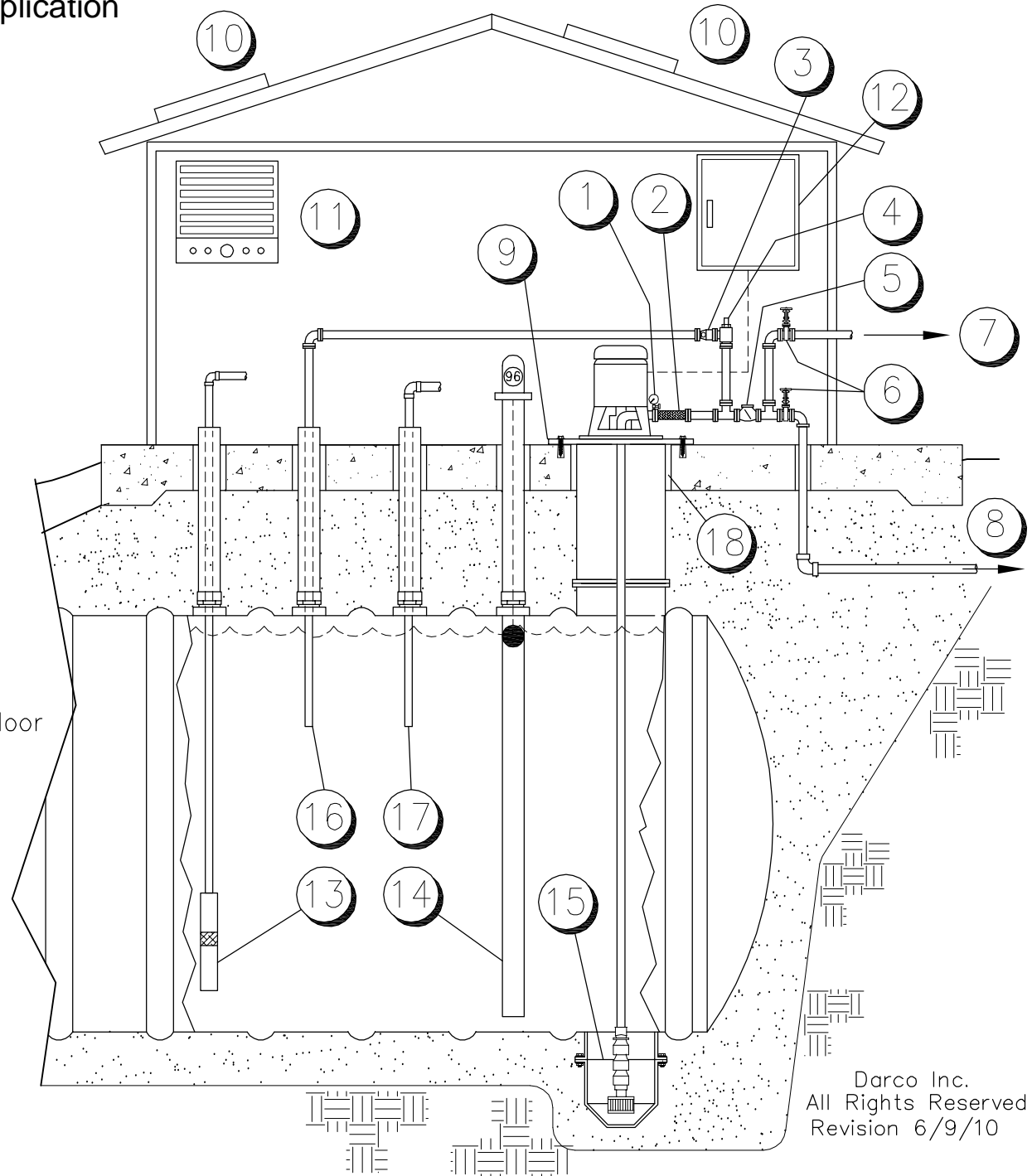
COMPONENTS

1. Pressure gauge.
2. Flexible coupler.
3. Sight glass.
4. Pressure relief valve.
5. Check valve.
6. Gate valve.
7. To hose line connection.
8. To sprinkler system.
9. Pump mounting plate by installer.
10. Roof hatch for pump removal.
1. Winter heat/summer ventilation.
2. Fire pump controls.
3. Submersible jockey pump.
4. Water level gauge
5. Suction sump for vertical turbine pump.
6. Recirculation line
7. Refill Line
8. Isolate piping and manway from concrete floor

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 N.F.P.A. PLUMBING FOR FITTING CLARITY
NOT TO SCALE, FOR ILLUSTRATION ONLY



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