

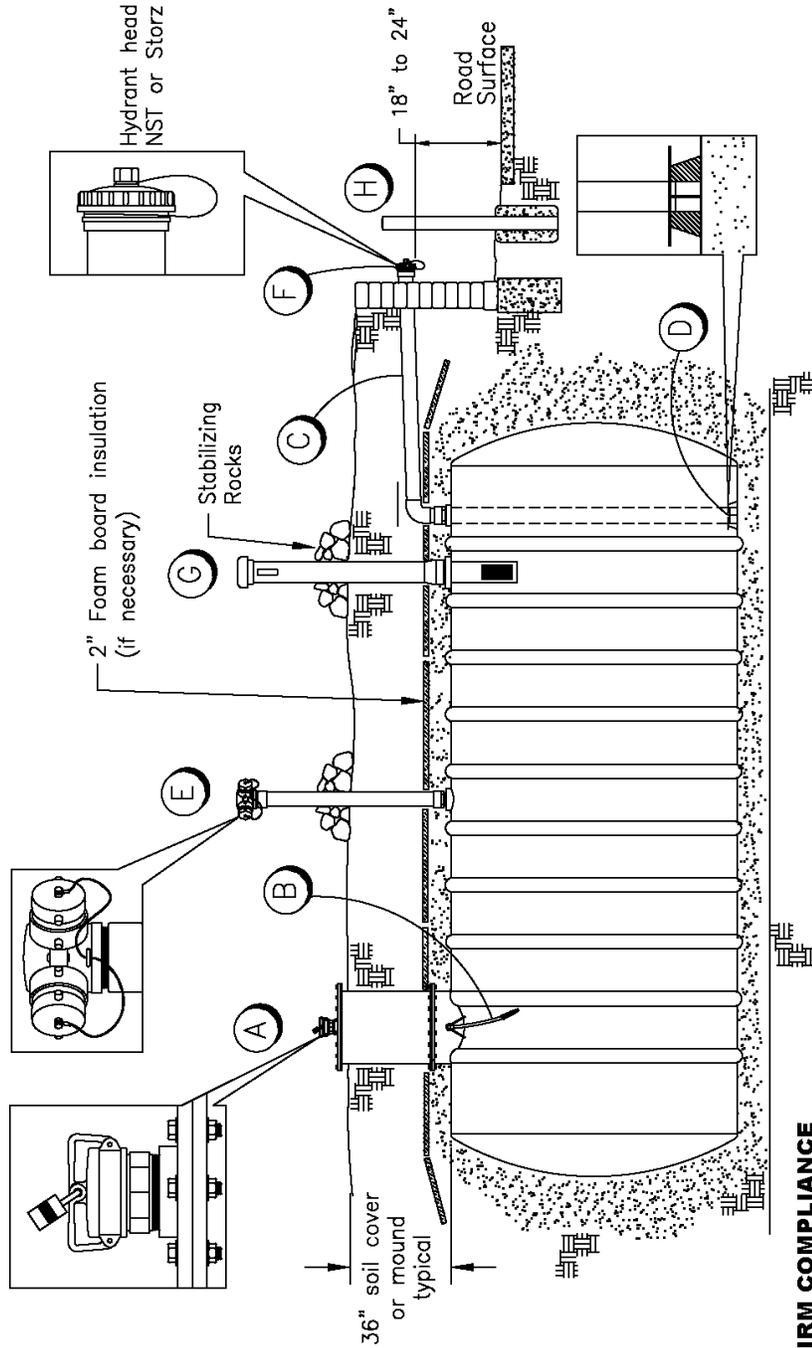
Minimum Lift Suction Fire Cistern for High Elevation Locations

Appurtenances

- A. 30" Diameter manway with bolted cover and 4" locking inspection hatch.
- B. High level weep overflow to allow any excess water to drain off.
- C. Horizontal 6" PVC draw pipe assembly.
- D. N.F.P.A. anti-vortex plate at foot of draw pipe.
- E. 2-1/2" NST-FS clappered siamese refill.
- F. Dry hydrant suction head with aluminum cap and removable strainer.
- G. Combination vent and red/green water level indicator.
- H. Pipe bollards in concrete.

Notes

- 1. Draft design for **high elevation sites**, minimum lift required.
- 2. Locate vent head above maximum anticipated snow level.
- 3. Draw pipe (C) must angle slightly upward to drain condensation back toward tank.
- 4. Insulate above the tank with 2" rigid foundation grade foam board in extreme cold weather locations.
- 5. Anchoring is not necessary if tank is located in an area with no potential for groundwater accumulation.
- 6. Locate cisterns perpendicular to the road when possible.
- 7. Paint all exposed PVC piping for UV protection.



**PLEASE CONFIRM COMPLIANCE
BEFORE ORDERING**

NOT TO SCALE, FOR ILLUSTRATION ONLY

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