

# Basic Fire Cistern Concept #3 - Fiberglass Tanks

Darco Corporation Bennett, Colorado 80102 800-232-8660

## Gravity Discharge To City Style Cast Iron Fire Hydrant

### Accessories - Fiberglass Tanks

- A. 6" PVC vent with guard and stainless steel insect screen.
- B. 30" diameter manway with hinged lockable cover.
- C. Overflow running continuously downhill to daylight.
- D. Valve and optional flexible coupling at discharge fittings.
- E. City style cast iron dry barrel fire hydrant.
- F. Pipe bollards in concrete.
- G. Retaining wall or terrace.
- H. Concrete support at hydrant shoe with gravel filled drain down area.
- J. Fabric covered perforated sub drain pipe at edge of bed to discharge any accumulated ground water. Bed drain system may be used instead of deadman anchors.
- K. Optional float type water level gauge reads inches of water in storage.

### Notes

- 1 Manway has lockable hinged cover with two inch overlap.
- 2 Tank discharge fitting available with internal vortex breaker blades.
- 3 Refill through manway or reverse flow hydrant with single 2.5" hose (50 PSI max. - be sure overflow screen is clean at C).
- 4 City style iron hydrants must be opened fully when in use.
- 5 Place stabilizing rocks around PVC riser pipes.
- 6 Locate cisterns either perpendicular to or parallel with the road.
- 7 Hydrant should be located downhill, below bottom of tank.
- 8 Installation and materials must follow Darco published instructions.

