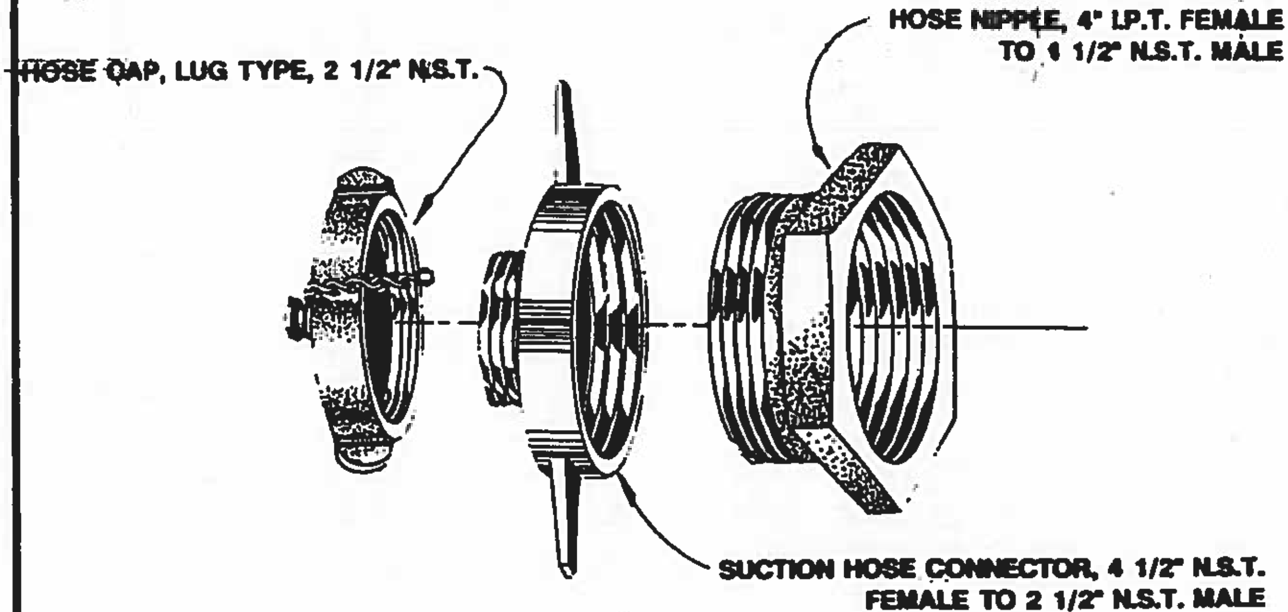
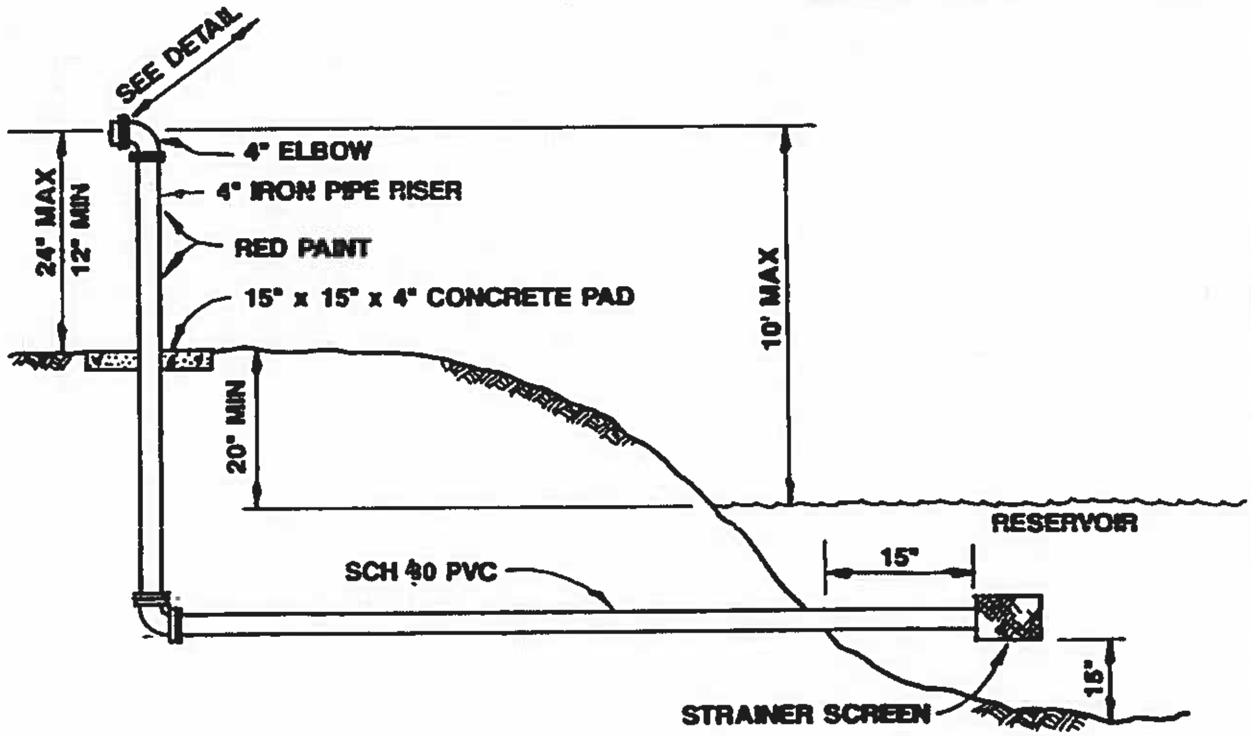




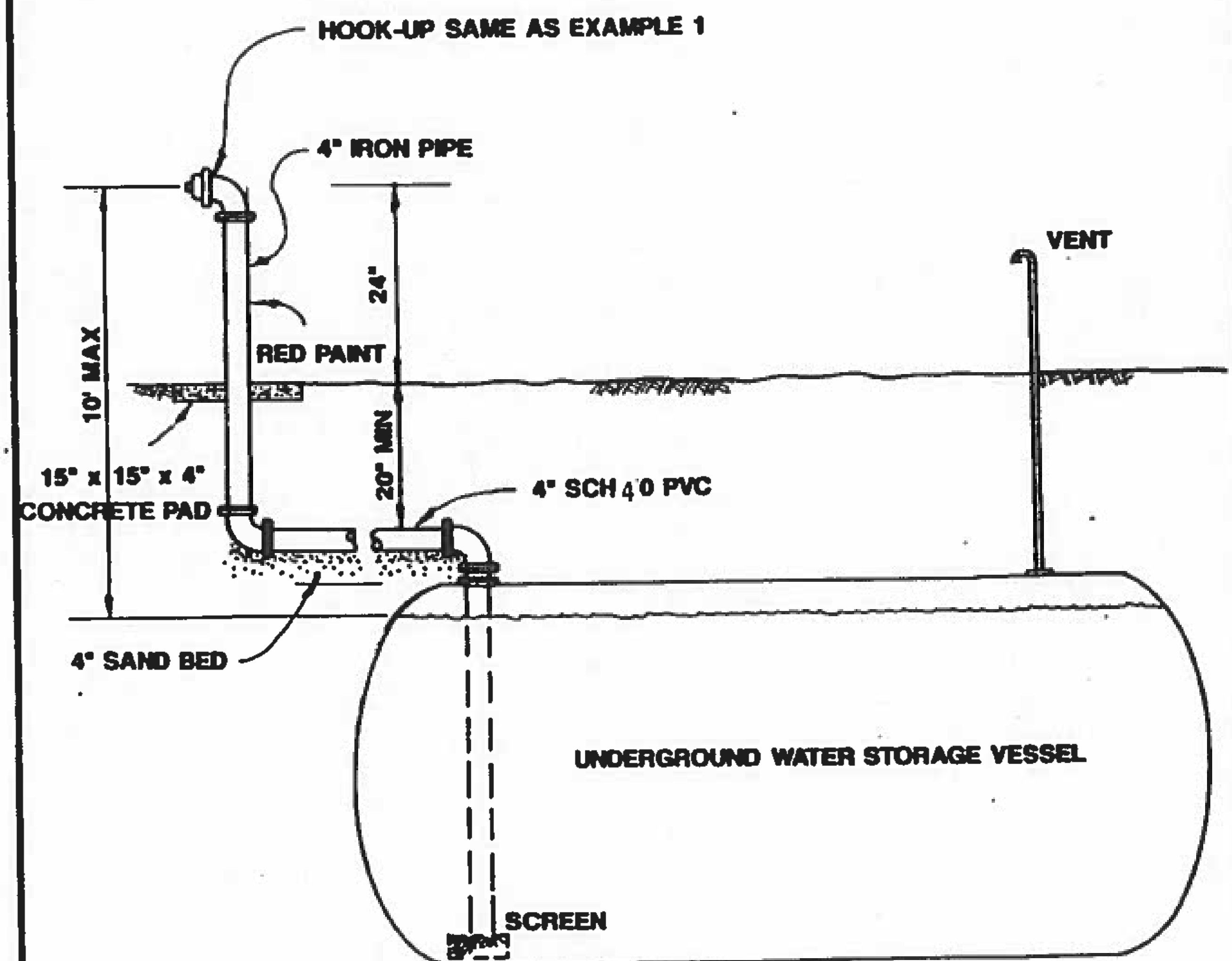
NOTE: FIRE DEPT. HOOK-UP IS FOR ALL APPARATUS SUCTION HOSE SIZES, BOTH WILDLAND AND MUNICIPAL FIRE ENGINES.

N.S.T. = NATIONAL STANDARD THREAD

I.P.T. = IRON PIPE THREAD

Sec. L-XVI 4.2 EXAMPLE 1

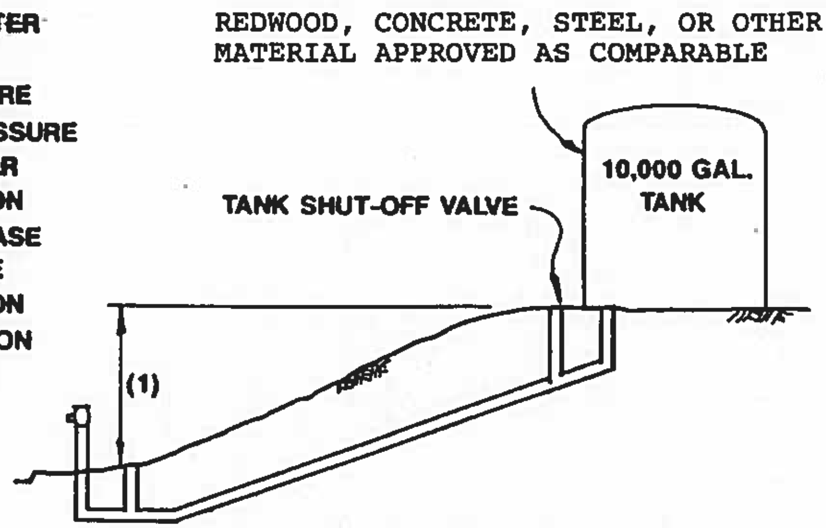
RESERVOIR/LAKE STANDPIPE



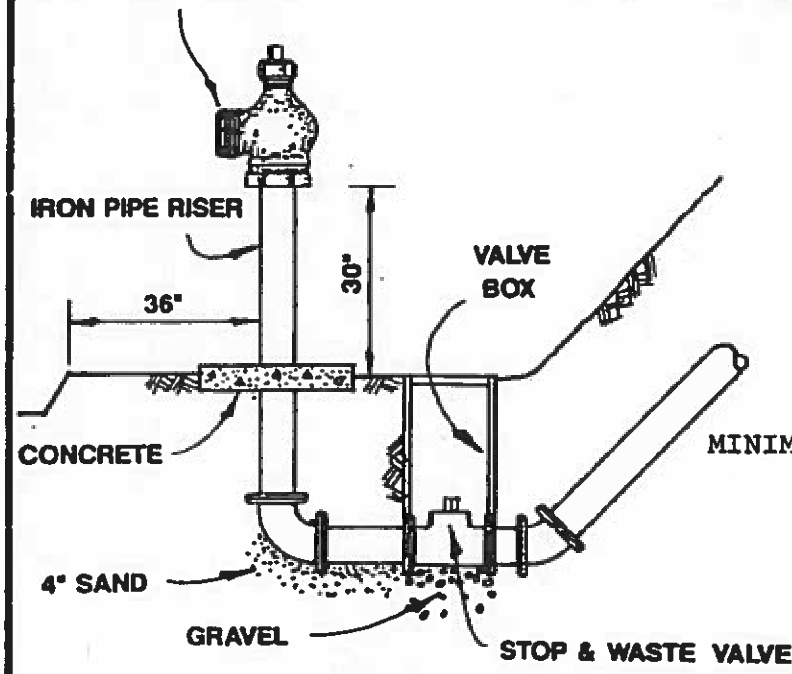
Sec. L-XVI 4.2 EXAMPLE 2

UNDERGROUND TANK STANDPIPE

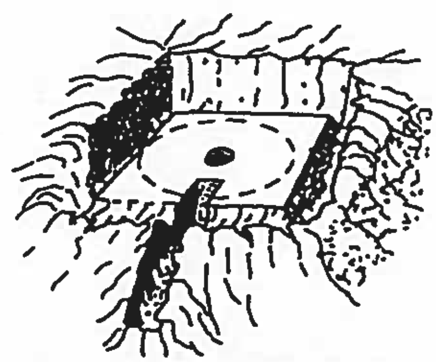
(1) A GRAVITY PRESSURE WATER SUPPLY USED FOR FIRE SUPPRESSION WILL REQUIRE SUFFICIENT VOLUME AND PRESSURE FOR THE INTENDED USE. WATER MAIN SIZE AND TANK ELEVATION SHOULD BE HANDLED ON A CASE BY CASE BASIS. CONTACT THE RESPONSIBLE FIRE PROTECTION AGENCY FOR THAT INFORMATION



A STATIC ABOVE GROUND WATER STORAGE SYSTEM MUST REMAIN FREEZE- PROOF DURING WINTER MONTHS.



DETAIL



SITE PREPARATION

ALL PLUMBING MUST BE FREEZE-PROOF. TANK DISCHARGE SHOULD BE UNDERGROUND. MINIMUM DEPTH OF ALL PIPES SHOULD BE 20" BELOW THE GROUND FROST LINE.

Sec. L-XVI 4.2 EXAMPLE 3

ABOVE GROUND WATER TANK

3. CLASS 8 - Those areas within a fire jurisdiction where the Insurance Services Office (ISO) has issued a dwelling Class 8 rating. Typically within five miles of a fire station and within eight miles of a water tender.

In no case shall the water storage quantity be less than 4000 gallons regardless of the number of parcels served. All such systems shall be designed to avoid contamination of potable water supplies in accordance with Environmental Health Standards.

The minimum water supply shall be determined by using the Formula Q=1500F when Q=quantity of water storage and F=the number of units or parcels served.

(Ord. #1734.)

Sec. L-XVI 4.4 Standards for Hydrants/Fire Valves

A. The hydrant shall be located 18" above grade in a turnout/turnaround or other approved location, not less than 50' from any building. Flammable vegetation shall be removed within 8' of the hydrant.

B. The hydrant shall be: (1) brass with 2 ½ inch National Hose male thread with cap for pressure and gravity flow systems and 4 ½ inch for draft systems; or (2) any hydrant approved by the American Water Works Association. Such hydrants shall be an insulated wet barrel or dry barrel as required by the delivery system. It shall have suitable crash protection if required by the local jurisdiction.

C. Signing of Water Sources - Each hydrant/fire valve or access to water shall be identified as follows:

1. If located along a driveway, a reflectorized blue marker, with a minimum dimension of 3 inches shall be located on the driveway address sign and mounted on a fire retardant post, or

2. If located along a street or road, it shall be marked/signed to the satisfaction of the fire agency with fire protection responsibility or the hydrants located along state highways shall be as specified in the State Fire Marshal's Guidelines for Fire Hydrant Markings Along State Highways and Freeways.

(Ord. #1734.)

Ord. #1734, 9/10/91.