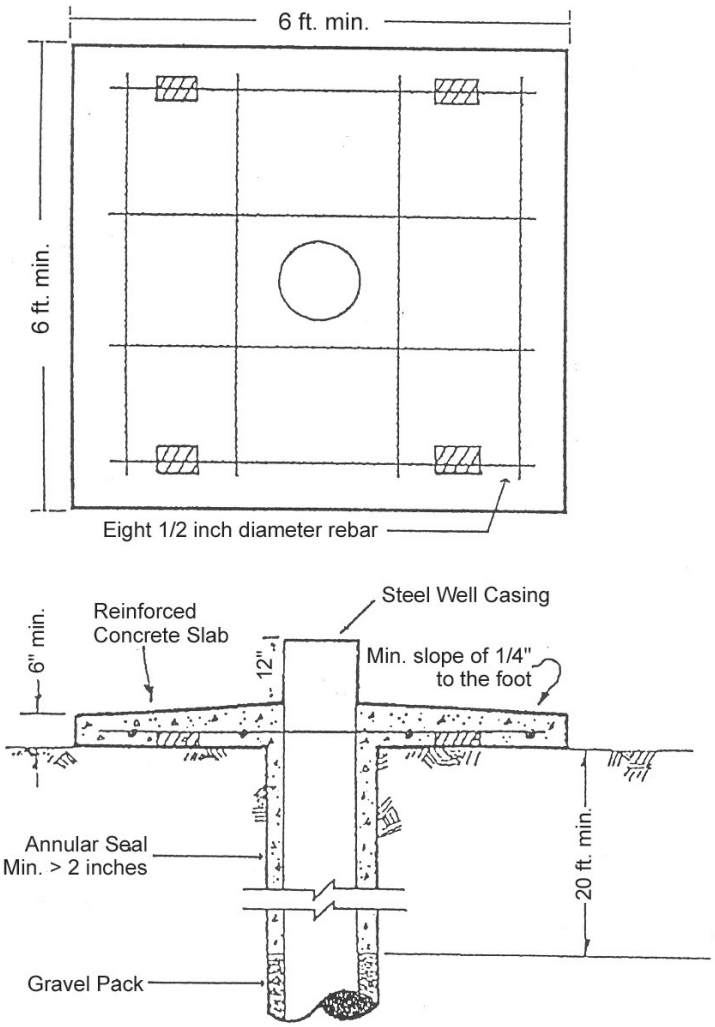
Typical Individual Well

Surface Slab Detail

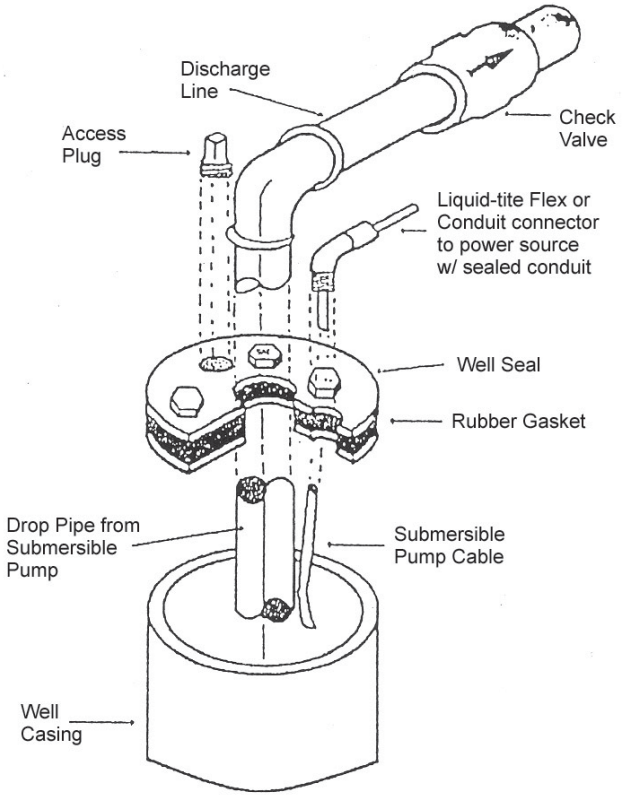


Dimensions: The slab must extend horizontally at least three feet from the center of the well casing in all directions.

Concrete Mix: When ordering ready-mix concrete, specify at least 5-sack mix. When mixing your own, use 1-1/3 sacks of cement to 3 cu. ft. of sand and 4 cu. ft. of crushed rock or gravel.

Annular Seal: Cement grout or concrete mix may be used as well as Bentonite. When mixing your own grout, use not more than two parts by weight of sand and one part of cement to 5-7 gallons of water.

Pump Installation Detail



Well Seal: A properly sized well seal must be installed so as to provide a watertight seal between the casing and drop pipe.

Electric Wire Connection: The conduit must be connected to the well seal by a threaded joint. All materials used must be raintight, UL labeled equipment.

Check Valve: A check valve must be provided on the discharge line as close to the pump as possible and be located above ground. No appurtenances may be located on the discharge line between the pump and the check valves with the exception of air and vacuum valves.

Access Plug: A tapped opening with a threaded plug shall be provided in order that chlorine may be introduced directly into the well.

DEHS

County of San Bernardino • Department of Public Health
DIVISION OF ENVIRONMENTAL HEALTH SERVICES

Water/Wastewater/Land Use Program
(909) 387-4666

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