RESIDENTIAL DRAFT FIRE HYDRANT DETAIL (FROM RESERVOIR)

INSTALL GUARD POST/BOLLARD FOR HYDRANT PROTECTION 3'-0" MIN. CLEARANCE TO HYDRANT

4 1/2" NATIONAL HOSE MALE ADAPTOR CONNECTION WITH METAL CAP

4" DIA. ELBOW

POND OR SWIMMING POOL ABOVE HYDRANT

WATER LEVEL 2500 GAL. MIN. ABOVE HYDRANT INLET

4" DIA. MIN. PIPING

3'-0" X 3'-0"

CONCRETE PAD

4" DIA. MIN. PIPING

2'-0" MIN.

4" APPROVED SCREEN-OR STRAINER

CONCRETE THRUST BLOCK

GUARD POST/ BOLLARD

4" BLUE REFLECTOR

AT BOLLARD & AT ADDRESS

4" DIA. STEEL PIPE

CONC. FILLED

FINISH GRADE

16" DIAMETER

UNREINFORCED

CONC. ENCASEMENT

HYDRANT & BOLLARD TYPICAL SPACING

ROAD OR DRIVEWAY

GROUND LINE

5'-0'

36'

36'

36'

36'

48" MIN.

ALL DRAFT HYDRANTS SHALL BE "WET"

Show location of fire hydrant connection located within 150 feet of residence but no closer than 30 feet.

Hydrant shall not be obscured by vegetation or structures.

Water storage required for domestic purposes shall be in addition to the required storage for fire protection and all pipes or valves required for domestic purposes shall be installed on the tank above the level that is required for fire protection.

A blue dot reflector shall be located adjacent to Wet Draft Hydrant.

Fire hydrant connection shall be located within 5 feet of the driveway. Hydrant shall be located so as not to block egress and ingress to and from the residence. Provide a turnout at that location if needed.

Fire hydrant shall be painted red and marked with signage posted on it to read "Wet Draft" using a min. of 1" "White" lettering.

Piping may be iron, steel, or C-900

RESIDENTIAL WET DRAFTING HYDRANT

CAL FIRE

Napa County Fire Department
199 PG TREE ROAD
ST HELena, CALIFORNIA 94574
OFFICE PHONE (707) 967-4179 FAX (707) 967-1643

FIRE SAFE STANDARDS

1/2" X 1-3/4"

SCALE

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REVISION DATE

DRAWING NO. 3