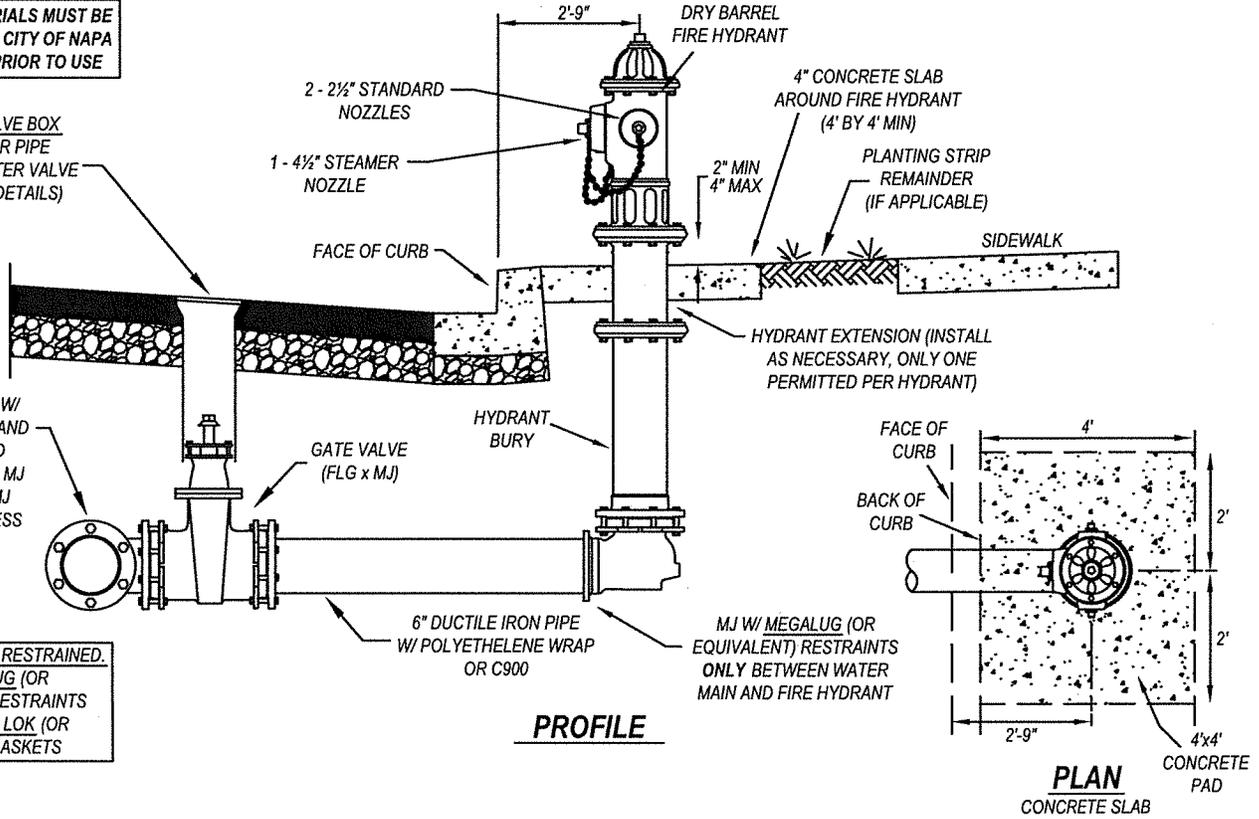


**ALTERNATE MATERIALS MUST BE APPROVED BY THE CITY OF NAPA WATER DIVISION PRIOR TO USE**

CHRISTY G5 VALVE BOX  
W/ 8" PVC RISER PIPE  
(SEE W-9 FOR WATER VALVE  
INSTALLATION DETAILS)

MJ HYDRANT TEE W/  
ROTATABLE MJ GLAND  
ON 6" PLAIN END  
BRANCH OR FLG x MJ  
TEE AND FLG x MJ  
VALVE W/ STAINLESS  
STEEL BOLTS

**ALL JOINTS TO BE RESTRAINED.**  
FITTINGS: MEGALUG (OR  
EQUIVALENT) RESTRAINTS  
PIPE BELLS: FIELD LOK (OR  
EQUIVALENT) GASKETS



**NOTES**

1. **APPROVED HYDRANTS:** MUELLER "SUPER CENTURION", KENNEDY "GUARDIAN", AND AMERICAN-DARLING "B-62-B". **NO SUBSTITUTES WILL BE ACCEPTED.**
2. **HYDRANTS SHALL CONFORM TO AWWA STANDARD C 502-85.** HYDRANTS SHALL HAVE ONE 4-1/2" OUTLET AND TWO 2-1/2" OUTLETS WITH CHAINED CAPS. MAIN VALVE SIZE SHALL BE 5-1/4". HYDRANTS INSTALLED ON 12" DIAMETER OR LARGER WATER MAINS SHALL BE 8-IN IN DIAMETER.
3. **OPERATION:** AWWA STANDARD PENTAGON NUT, OPEN LEFT WITH A MAXIMUM 60 FT-LB OPERATING TORQUE.
4. **BURY DEPTH:** 36" TYPICAL.
5. **PUBLIC FIRE HYDRANTS SHALL BE PAINTED A PRIME COST PLUS "ALUMINUM SILVER" COLOR FINISH.** FIRE HYDRANTS ON A PRIVATE FIRE SYSTEM SHALL BE PAINTED WITH A PRIME COAT PLUS "OSHA YELLOW" COLOR FINISH.
6. **DRAINS:** HYDRANTS SHALL BE FURNISHED WITH DRAINS **PLUGGED.**
7. **WHERE SIDEWALK IS ADJACENT TO CURB, EXTEND SIDEWALK AND RIGHT-OF-WAY TO PROVIDE A MINIMUM 4 FEET CLEARANCE BEHIND FIRE HYDRANT PER ADA REQUIREMENTS**
8. **A 6" VERTICAL CURB IS REQUIRED FOR A MINIMUM OF 10' ON EACH SIDE OF HYDRANT.**
9. **INSTALL 8 MIL POLYETHYLENE WRAP ON LATERAL, JOINTS, AND VERTICAL RISE.**
10. **VERTICAL OFFSETS BETWEEN MAIN AND HYDRANT SHALL BE ACHIEVED WITH 45° BENDS W/ RESTRAINED JOINTS.**
11. **INSTALL PAVEMENT MARKER(S) IN PUBLIC STREET FOR ALL NEW AND RELOCATED FIRE HYDRANTS (SEE W-21).**
12. **FIRE HYDRANTS THAT ARE NOT IN SERVICE SHALL BE COMPLETELY COVERED.**
13. **PUBLIC FIRE HYDRANTS THAT ARE IN SERVICE SHALL BE OPERATED BY WATER DIVISION OR FIRE DEPARTMENT STAFF ONLY.**
14. **WATER USE THROUGH ANY FIRE HYDRANT SHALL BE LIMITED TO WATER SYSTEM MAINTENANCE AND FIRE PREVENTION USES ONLY. FIRE HYDRANTS MAY BE USED FOR CONSTRUCTION WATER PURPOSES WITH THE USE OF A HYDRANT METER OBTAINED FROM THE CITY AND IF THE LOCATION IS APPROVED BY THE CITY OF NAPA WATER DIVISION.**
15. **NO TREES SHALL BE PLANTED WITHIN 10', OR LARGE SHRUBS WITHIN 5', OF FIRE HYDRANTS.**

CITY OF NAPA

PUBLIC WORKS - WATER DIVISION

**FIRE HYDRANT**

DATE REVISED DECEMBER 2015

CHECKED

APPROVED

SCALE

NONE

DWG NO.

**W - 8**