

1. CONSTRUCTION DETAILS: REFER TO CITY OF NAPA STANDARD SPECIFICATIONS AND PLANS.
2. WATER-SEWER SEPARATION: WATER-SEWER (OR WATER-RECYCLED WATER) SEPARATION SHALL COMPLY WITH ALL STATE WATER RESOURCES CONTROL BOARD REQUIREMENTS. PARALLEL CONSTRUCTION: 10' OF HORIZONTAL SEPARATION. PERPENDICULAR CONSTRUCTION: WATER MAINS AT LEAST 1' ABOVE SEWER AND RECYCLED WATER LINES.
3. EXISTING WATER FACILITIES: CONTRACTOR SHALL LOCATE BY EXCAVATION ALL EXISTING WATER FACILITIES PRIOR TO ANY CONSTRUCTION ACTIVITIES. IF CONFLICTS ARISE, AN ALTERNATE DESIGN MUST BE SUBMITTED TO THE CITY FOR APPROVAL.
4. OBSTRUCTIONS: TREES, FOUNDATIONS, OR OTHER PERMANENT STRUCTURES SHALL NOT BE INSTALLED WITHIN 10' OF ANY WATER FACILITY. NO OBSTRUCTIONS (SIGNPOST, MAILBOX, WALL, FENCE, ETC.) SHALL BE INSTALLED WITHIN 3' OF ANY WATER FACILITY. SEE STANDARD PLAN W-18 FOR ADDITIONAL REQUIREMENTS.
5. CONSTRUCTION WATER: WATER SUPPLIED FROM THE CITY OF NAPA SYSTEM SHALL BE TAKEN THROUGH A METERED SERVICE OR CITY ISSUED FIRE HYDRANT METER. FIRE HYDRANT METERS SHALL BE OBTAINED BY APPLYING AT THE REVENUE/COLLECTIONS DIVISION IN CITY HALL AT 955 SCHOOL STREET, NAPA (707.257.9508). A FORM IS AVAILABLE ONLINE AT WWW.CITYOFNAPA.ORG/NEWDEVELOPMENT UNDER THE SECTION, CONSTRUCTION WATER/HYDRANT METERS.
6. INSPECTION: PUBLIC WATER FACILITIES UP TO AND INCLUDING THE WATER METER SHALL BE INSPECTED BY THE WATER DIVISION INSPECTOR (CONTACT 707-257-9521 TO SCHEDULE INSPECTION). ALL WATER FACILITIES BETWEEN THE WATER METER UP TO AND INCLUDING THE BACKFLOW DEVICE SHALL BE INSPECTED BY THE WATER DIVISION BACKFLOW PREVENTION SPECIALIST (CONTACT 707-257-9544 TO SCHEDULE INSPECTION). ALL NEW WATER FACILITIES SHALL BE TESTED AND INSPECTED PRIOR TO ACTIVATION.
7. WATER SERVICE INTERRUPTION: CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING AFFECTED WATER CUSTOMERS A MINIMUM OF 48 HOURS (2 BUSINESS DAYS) IN ADVANCE. ALL VALVES SHALL BE OPERATED BY CITY PERSONNEL. CONTRACTOR SHALL SCHEDULE ALL WATER SERVICE INTERRUPTIONS BY CALLING 707-257-9544.
8. JOINT DEFLECTION: MAXIMUM DEFLECTION AT PIPE JOINTS SHALL NOT EXCEED 3° WITH A MAXIMUM OFFSET OF 10" PER 18' LENGTH (MINIMUM RADIUS = 345') OR AS SET FORTH BY MANUFACTURER SPECIFICATIONS OR INSTALLATION PROCEDURES.
9. CORROSION PROTECTION: DUCTILE IRON PIPE SHALL BE CATHODICALLY PROTECTED IN ACCORDANCE WITH THE CITY OF NAPA STANDARD SPECIFICATIONS, PLANS AND THE CITY OF NAPA'S WATER DISTRIBUTION SYSTEM PROVISIONS. ALL BOLTS, STUDS WASHERS, NUTS, ETC. SHALL BE STAINLESS STEEL MINIMUM GRADE 304SS WITH TEFLON COATED NUTS OR CITY APPROVED EQUAL.
10. VALVES: VALVES SHALL BE INSTALLED AS SHOWN IN THE APPROVED PLANS AND COMPLY WITH CITY OF NAPA STANDARD PLAN W-9. ALL WATER SERVICE VALVES SHALL BE PLACED IMMEDIATELY AFTER THE TEE OR HOT TAP.
11. FIRE HYDRANTS: FIRE HYDRANT INSTALLATIONS SHALL COMPLY WITH CITY OF NAPA STANDARD PLAN W-8. FIRE HYDRANT(S) NOT IN SERVICE SHALL BE COMPLETELY COVERED.
12. SERVICES: WATER SERVICE INSTALLATIONS SHALL COMPLY WITH APPLICABLE CITY OF NAPA STANDARD PLANS. FIRE SERVICE METERS SHALL BE INSTALLED ON ALL FIRE SERVICES WITH PRIVATE FIRE HYDRANTS. ALL HOT-TAPS TO EXISTING MAINS SHALL BE CONDUCTED BY THE CITY AT THE CONTRACTOR'S EXPENSE. A WATER SYSTEM SHUTDOWN SHALL BE REQUIRED IN ALL CASES WHERE THE PROPOSED WATER SERVICE IS THE SAME SIZE AS THE EXISTING PIPELINE SUPPLYING THE PROPOSED WATER SERVICE(S).
13. BACKFLOW DEVICES: BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED ON ALL NEW SERVICES AND COMPLY WITH CITY OF NAPA STANDARD PLANS W-5 (A, B, C & D), W-6 (A, B, C & D), AND W-7 (A, B, C & D). APPROVED BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED AND TESTED, AND WATER METERS (IF APPLICABLE) SHALL BE SET, PRIOR TO ANY USE OF WATER SERVICE. WATER METERS (IF APPLICABLE) SHALL BE INSTALLED IN THE LOCKED POSITION UNTIL PASSING TEST RESULTS ARE RECEIVED BY THE CITY OF NAPA. USE OF JUMPERS, HOSE BIBS, OR OTHER DEVICES SHALL NOT BE PERMITTED.
14. BACKFILL: WATER MAIN TRENCH BACKFILL SHALL COMPLY WITH CITY OF NAPA STANDARD PLAN W-13A.
15. TIE-INS: NEW TIE-INS TO EXISTING CITY WATER MAINS SHALL BE CONDUCTED UNDER CITY INSPECTION ONLY AFTER PRESSURE TESTING, CHLORINATION, AND BACTERIOLOGICAL TESTING IS COMPLETE. ALL HOT-TAPS TO EXISTING MAINS SHALL BE CONDUCTED BY THE CITY AT THE CONTRACTOR'S EXPENSE. WATER SYSTEM CUT-IN CONNECTIONS SHALL BE PERFORMED BY THE CONTRACTOR UNDER WATER DIVISION SUPERVISION. VALVES ARE TO BE OPERATED BY CITY STAFF ONLY. A WATER SYSTEM SHUTDOWN SHALL BE REQUIRED IN ALL CASES WHERE NEW PIPELINE TIE-INS ARE THE SAME SIZE OR GREATER (I.E. SIZE-ON-SIZE).
16. METER INSTALLATION(S) AND SERVICE ACTIVATION: METER INSTALLATION(S) SHALL OCCUR UPON RECEIPT OF PAYMENT, PARCEL ADDRESS(ES) AND RESPONSIBLE BILLING PARTY. ALL PRESSURIZED SERVICES SHALL BE CONSIDERED ACTIVE AND BILLABLE.
17. PRESSURE: CONTRACTOR SHALL INSTALL PRESSURE REGULATORS ON ALL WATER SERVICE CONNECTIONS (PROPERTY OWNER'S SIDE) WHERE PRESSURES EXCEED 80 POUNDS PER SQUARE INCH (PSI).
18. DOCUMENTATION AND RECORD DRAWING: ALL NEW WATER SYSTEM INSTALLATIONS SHALL BE GPS SURVEYED WITHIN 5 BUSINESS DAYS OF INSTALLATION AND BEFORE BACKFILL. CONTRACTOR SHALL SCHEDULE ALL SURVEYS BY CALLING 707.257.9521. RECORD DRAWINGS SHALL BE SUBMITTED WITHIN 20 BUSINESS DAYS AFTER WATER SYSTEM ACTIVATION.

CITY OF NAPA

UTILITIES DEPARTMENT

TITLE

GENERAL WATER NOTES

DRAWN BY:	DF	CHECKED BY:	SL
APPROVAL DATE:	09/2021	APPROVED BY:	DD
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