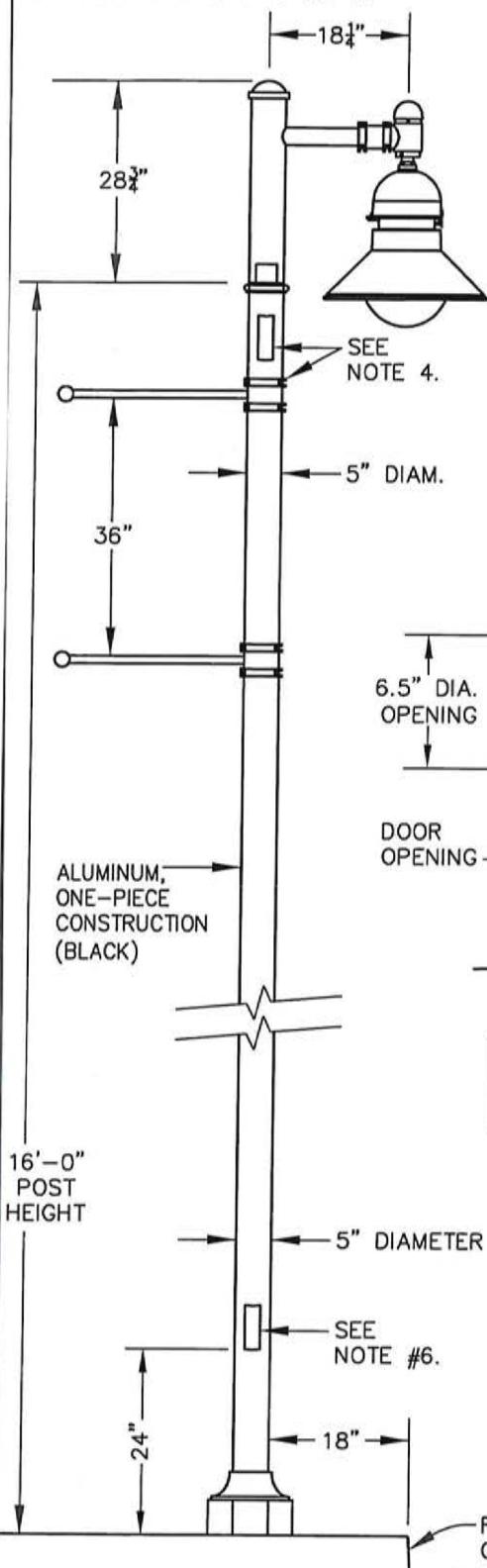


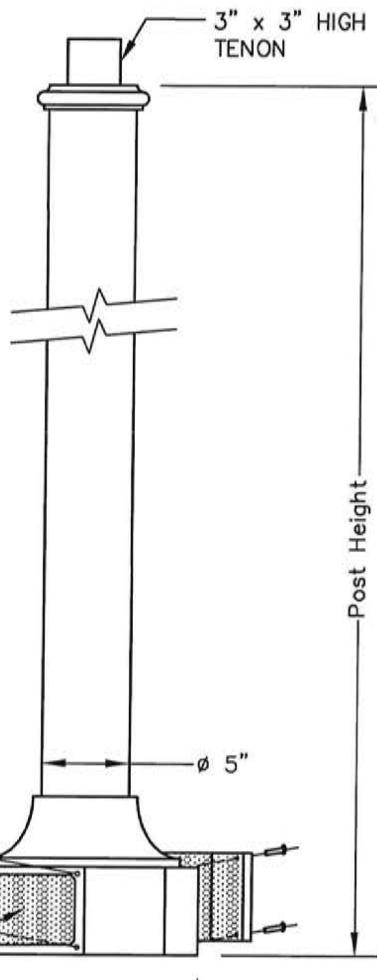
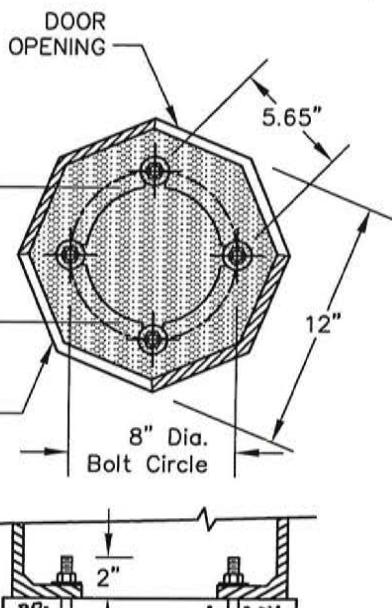
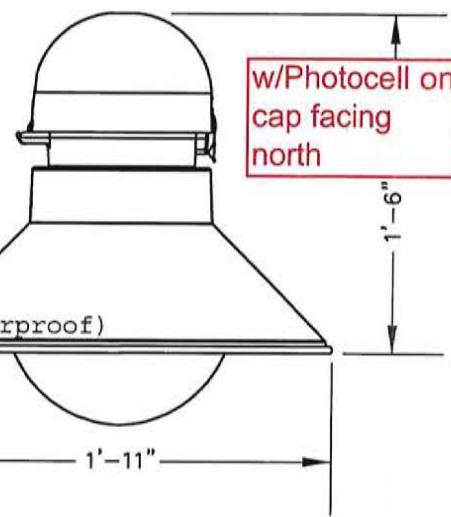
BANNER ARMS: HOLOPHANE
CATALOG #BBA24B4C05U136B
LAMP: HOLOPHANE
HALLBROOK II LUMINAIRE
CATALOG NUMBER
GS-70HP-MA-2-B-S-73-N



NOTES:

1. POLE IS HOLOPHANE COLORADO SERIES, 12" OCT. BASE, CATALOG NUMBER C016SS/12-CA/BK-GFIUS-SBKH.
2. WATTAGE: 70W; VOLTAGE: PRE-WIRED TO 120V.
3. LAMP ARM AND POLE SHALL BE BLACK.
4. FESTOON RECEPTACLE AND DUAL BANNER ARMS FOR ALL INSTALLATIONS ON WASHINGTON STREET & WHERE SPECIFIED BY TOWN.
5. ALL RECEPTACLES SHALL BE GFI PROTECTED. (outdoor/weatherproof)
6. LOWER RECEPTACLE REQUIRED ON WASHINGTON STREET BETWEEN YOUNT AND HUMBOLDT STREET & WHERE SPECIFIED BY TOWN. (GFI)

LAMP DETAIL



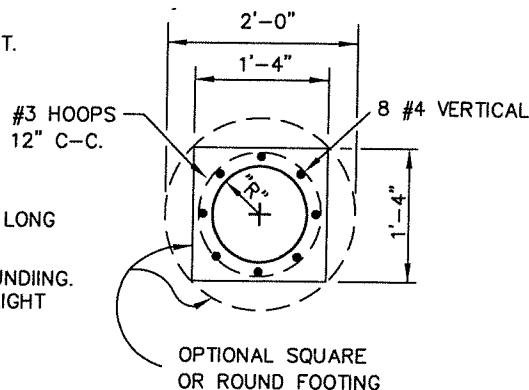
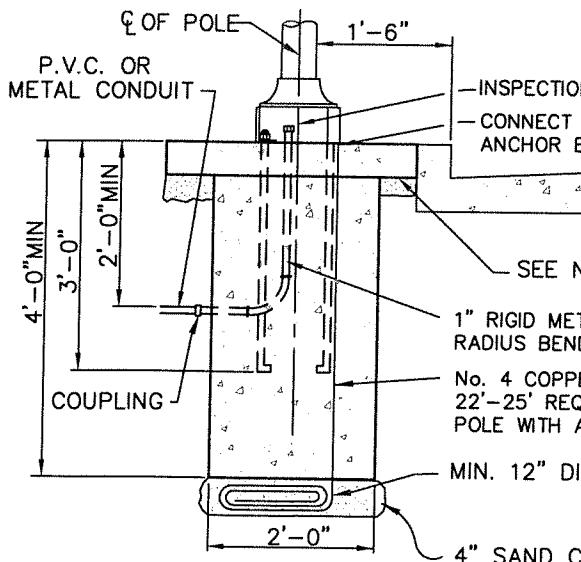
BASE DETAIL

CITY OF NAPA

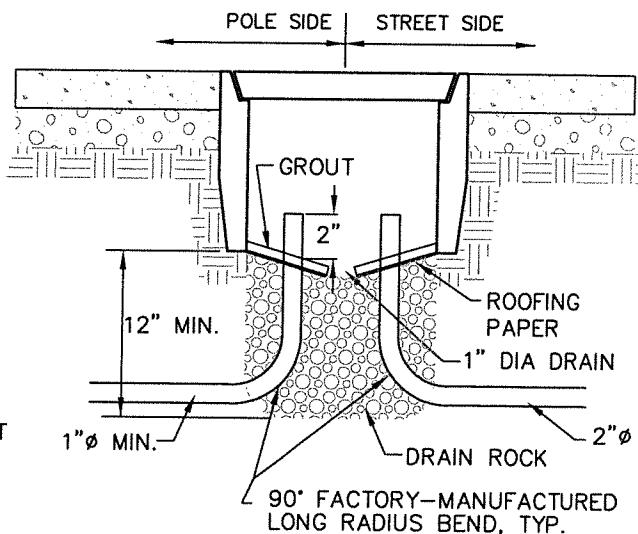
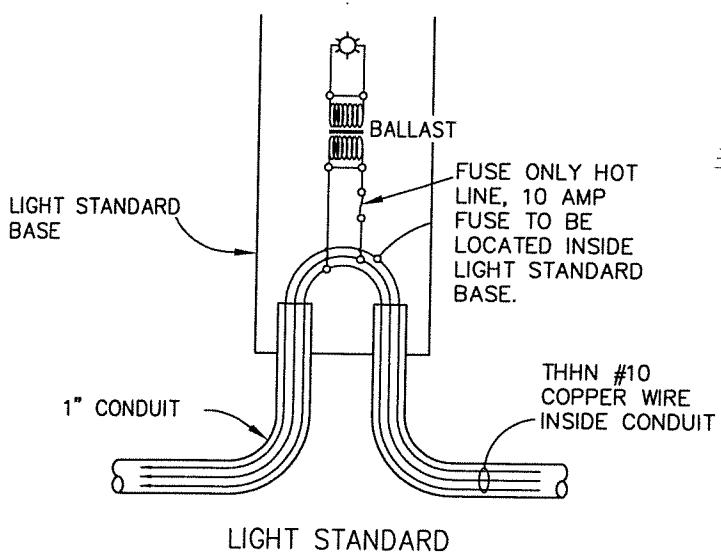
PUBLIC WORKS DEPARTMENT

ORNAMENTAL STREET LIGHT

DRAWN BY:	BRL	CHECKED BY:	SEC
DATE:	06/2018	APPROVED BY:	JRL
SCALE:	NONE	DRAWING NO.	
FIELD NOTES:			E-6



CONCRETE FOOTING & BASE DETAIL



NO. 5 CONCRETE PULL BOX

WIRING DETAIL

NOTE: PULL BOX COVERS SHALL BE BOLTED AND INSCRIBED "STREET LIGHTING".

NOTES:

1. IN UNDEVELOPED AREAS, CONSTRUCT A 2'x2' CONC. PAD (4" THICK). IF ROUND FOOTING IS POURED, STOP AT THE ELEVATION OF BOTTOM OF THE SIDEWALK.
2. ANCHOR BOLT DIMENSION "R" AND BOLT PATTERN TO SUIT POLE BASE FURNISHED.
3. CONCRETE SHALL BE CLASS "A" P.C.C. AGAINST UNDISTURBED SOIL.
4. A MINIMUM OF TWO FULL THREADS TO BE EXPOSED ABOVE ANCHOR BOLT NUTS.
5. FOUNDATION BOLTS SHALL NOT BE CUT OFF FOR ANY REASON. EXTENSION BOLTS WILL NOT BE PERMITTED.
6. UPPER FESTOON RECEPTACLES (WHERE REQUIRED) SHALL BE WIRED IN SERIES WITH STREET LIGHTS.
7. LOWER FESTOON RECEPTACLES (WHERE REQUIRED) SHALL BE WIRED TO A SEPARATE CIRCUIT FROM THE STREET LIGHTS.

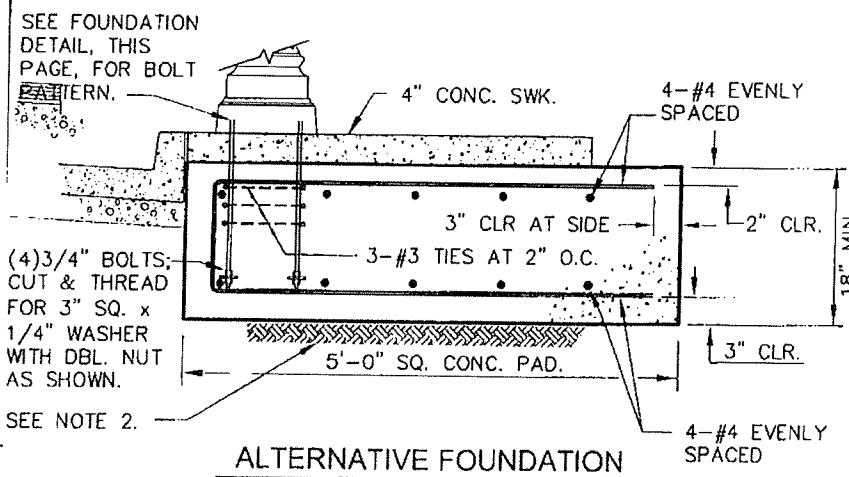
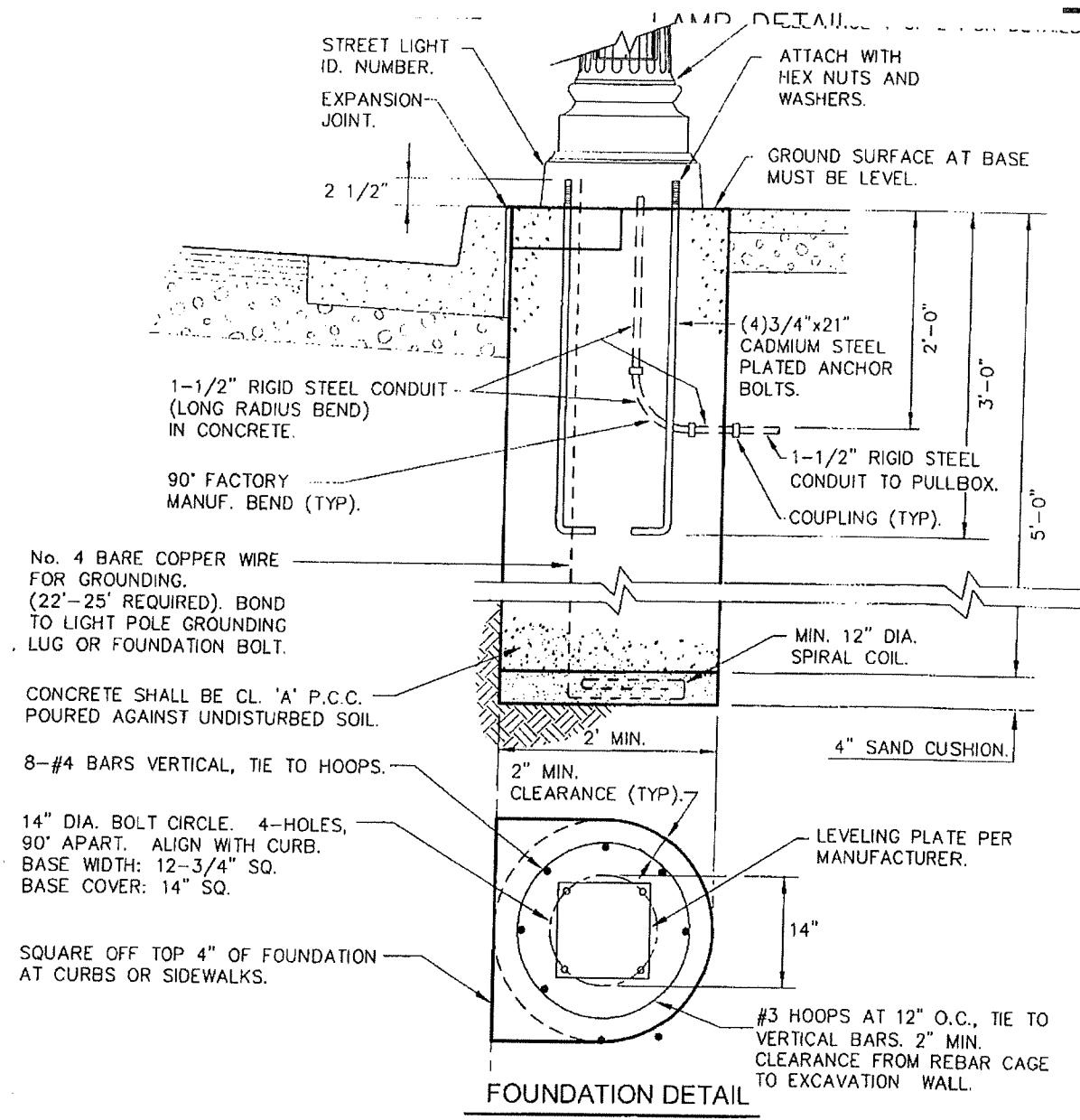
CITY OF NAPA

ORNAMENTAL STREET LIGHT

PUBLIC WORKS DEPARTMENT

DRAWN BY: BRL	CHECKED BY: SEC
DATE: 06/2018	APPROVED BY: JRL
SCALE: NONE	DRAWING NO.
FIELD NOTES:	E-6A

Revised Town of Yountville 12/03/19



ALTERNATIVE FOUNDATION NOTES:

1. ALTERNATIVE FOUNDATION TO BE SPECIFICALLY APPROVED BY THE TOWN ENGINEER AND ONLY IF REQUIRED DUE TO UTILITY CONFLICTS.
2. COMPACT SUBGRADE TO 95% R.C. HAND COMPACT EXIST. BACKFILL OVER EXIST. UTILITIES. 6" MIN. CLEARANCE REQUIRED.
3. CONTACT SOIL ENGINEER IF EXPANSIVE CLAY TYPE SOILS ARE EXPOSED DURING EXCAVATION.
4. CONCRETE: 2500 PSI MIN. @ 28 DAYS.
5. REINF. STEEL: ASTM 615, GRADE 40.

CITY OF NAPA

PUBLIC WORKS DEPARTMENT

ORNAMENTAL STREET LIGHT

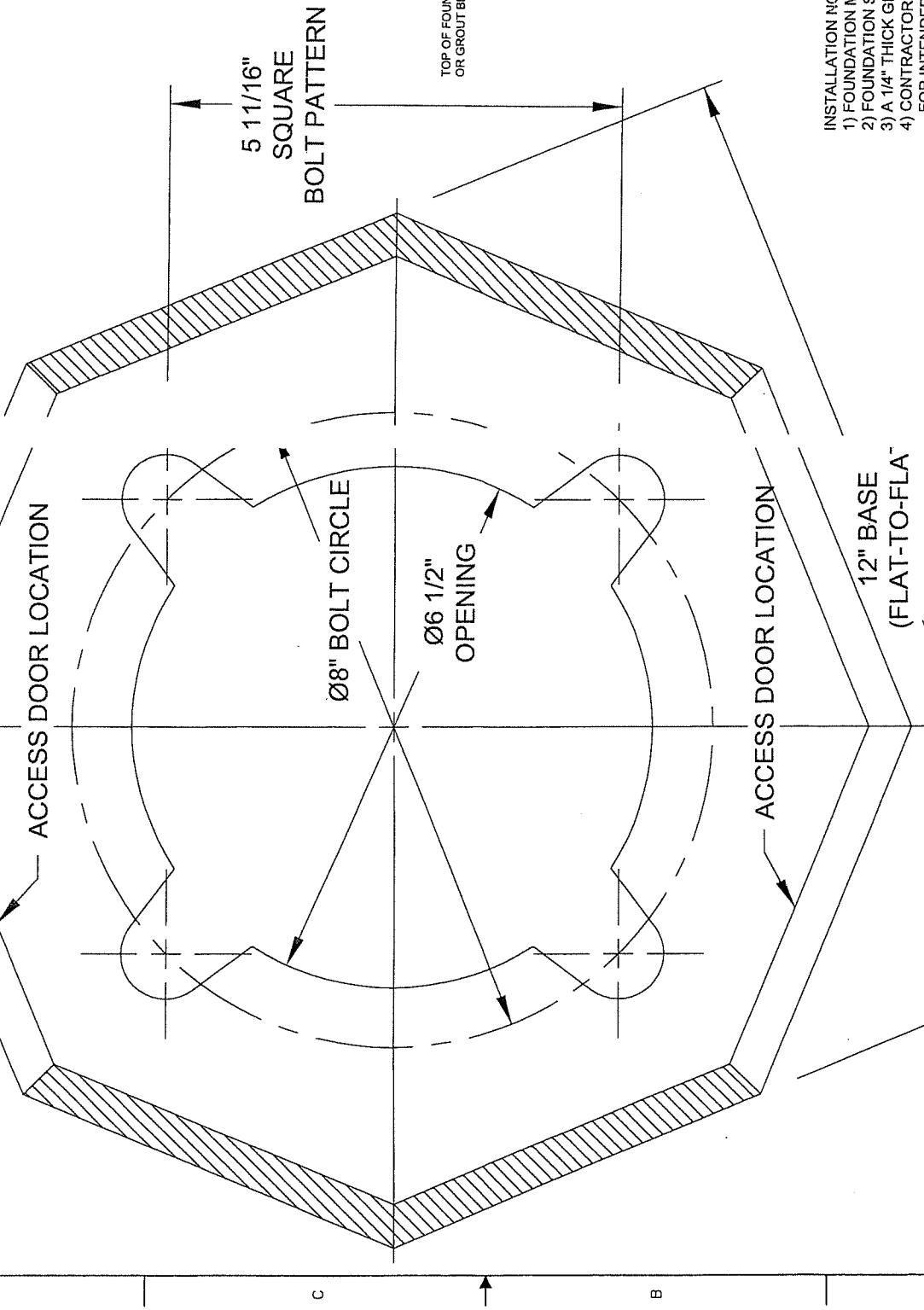
DRAWN BY: BRL	CHECKED BY: SEC
DATE: 06/2018	APPROVED BY: JRL
SCALE: NONE	DRAWING NO.
FIELD NOTES:	E-6C

Revised Town of Yountville 12/03/19

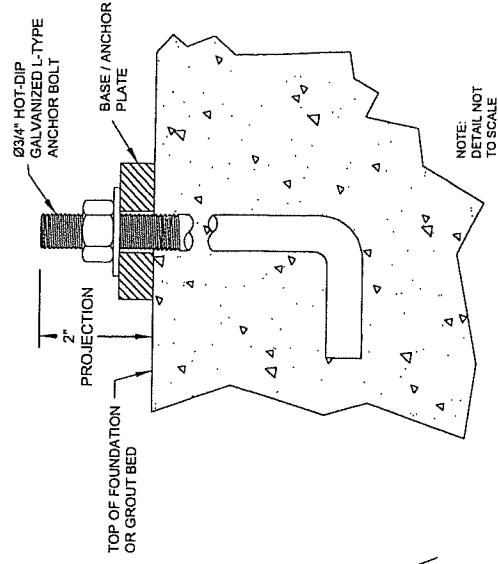
REVISIONS		DESCRIPTION		REV	DATE	IR	CK
2							
3							
4							

ACCESS DOOR LOCATION

C



DISCARD EXTRA NUT
AND WASHER FROM
ANCHOR BOLT SET



INSTALLATION NOTES:

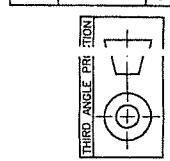
- 1) FOUNDATION MUST BE AS LARGE AS, AND FLUSH WITH, BASE.
- 2) FOUNDATION SURFACE MUST BE FLAT AND LEVEL.
- 3) A 1 1/4" THICK GROUT BED MAY BE USED, AS REQUIRED.
- 4) CONTRACTOR MUST ENSURE FOUNDATION IS SUFFICIENT FOR INTENDED INSTALLATION.

HOLOPHANE	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.	XX ± 0.15	XX ± 0.03	ANGLE ± 2°	HOLOPHANE®
NEWARK, OHIO	DATE: 4/6/05	8" BOLT CIRCLE; COLORADO 12" BASE			

THIS PRINT IS THE CONFIDENTIAL PROPERTY OF HOLOPHANE,
AND IS AND WILL REMAIN THE PROPERTY OF HOLOPHANE
UNLESS OTHERWISE AGREED IN WRITING. IT WILL NOT
BE DISCLOSED TO ANY THIRD PARTY WITHOUT THE
WRITTEN PERMISSION OF HOLOPHANE, OR USED
DIRECTLY OR INDIRECTLY IN ANY WAY DETERMINAL TO THE
INTERESTS OF HOLOPHANE.

THIRD ANGLE PROJECTION	1
DATE:	4/6/05
TIME:	4:45 PM
REV:	C
SCALE:	1:1
CAD MODEL:	TMP62.DWG

DRAWING PREPARED IN
ACCORDANCE WITH ANSI Y14.5M-1982



A

6 - D

SEE CITY STD. S-19 FOR
STREET NAME SIGNS

MIN. CLEARANCE FROM
PRIVATE STREET CURB OR
PUBLIC SIDEWALK

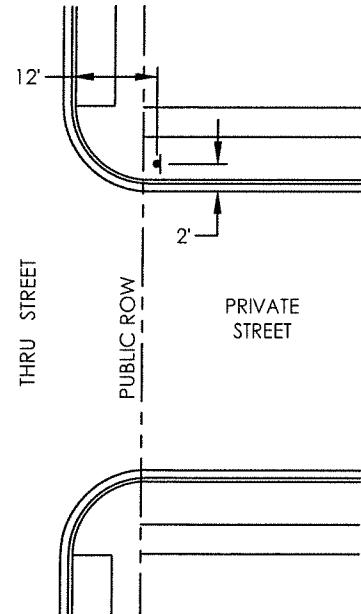
PRIVATE STREET

PUBLIC SIDEWALK

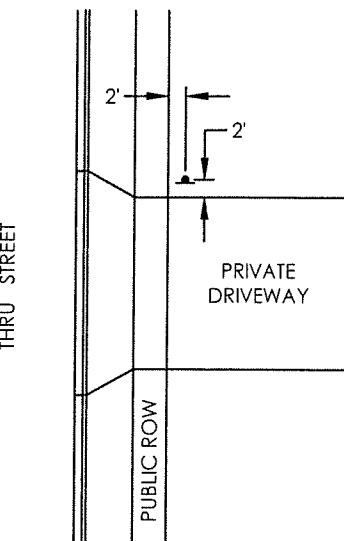
6"

2' FOR DIRT

14'DIA.
MIN.



ALT. "A"
LOCATION ON CURB RETURN



ALT. "B"
LOCATION ON DRIVEWAY APPROACH

NOTES

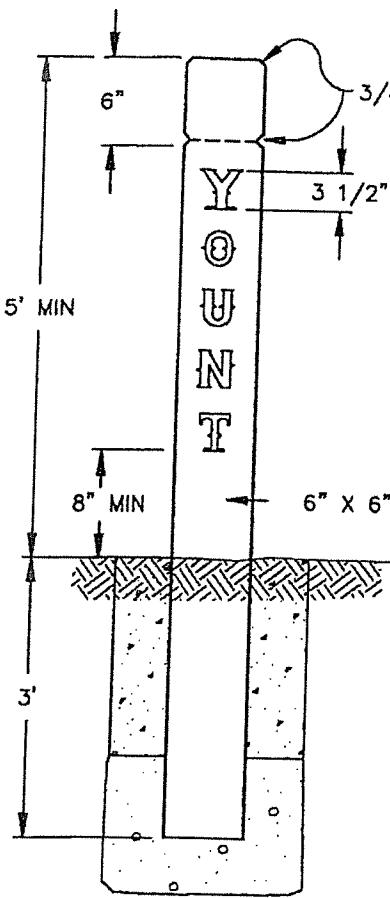
PRIVATE STREET NAME SIGNS AND POLES SHALL BE INSTALLED ON PRIVATE PROPERTY ONLY, OUT OF THE CITY RIGHT OF WAY. SIGNS FOR THE PUBLIC STREET SHALL NOT BE MOUNTED ON THE SAME POLE AS A PRIVATE STREET NAME SIGN.

CITY OF NAPA

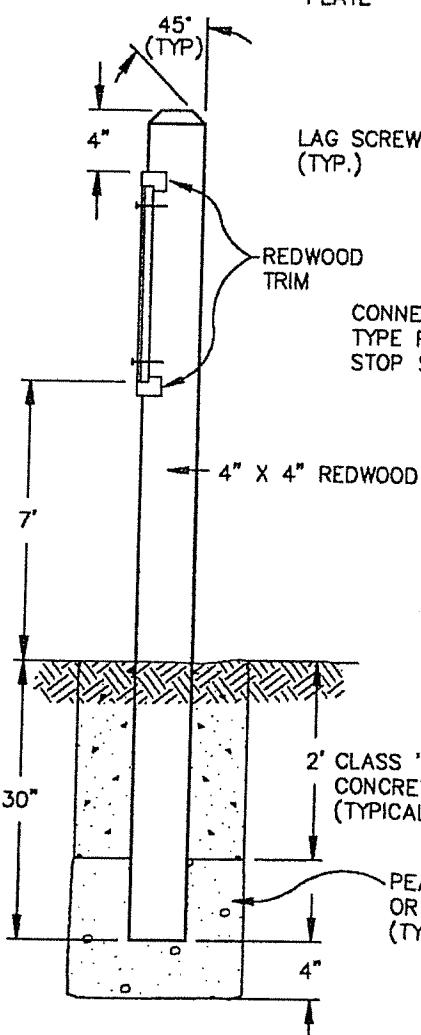
PUBLIC WORKS DEPARTMENT

STREET NAME SIGN INSTALLATION
PRIVATE STREETS

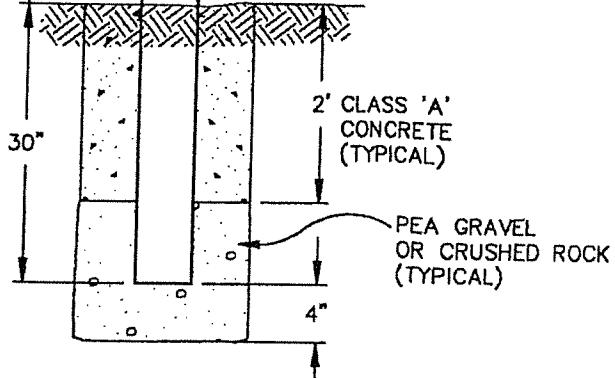
DRAWN BY:	BRL	CHECKED BY:	JGF
DATE:	06/2018	APPROVED BY:	JRL
SCALE:	NONE	DRAWING NO.	S-18B
FIELD NOTES:			



STREET NAME POST



SIGN DETAIL

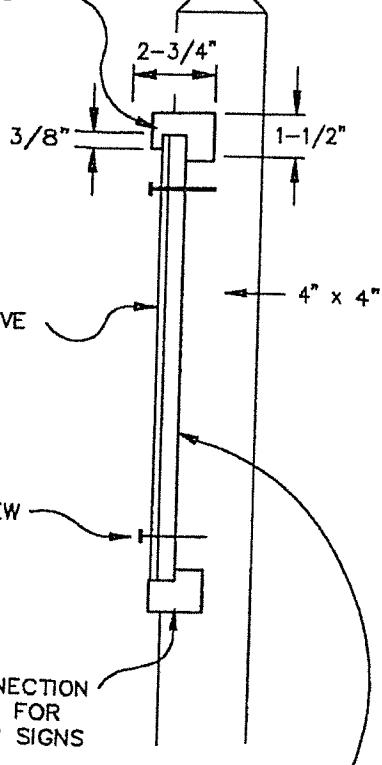


SIGNS TYPICAL

NOTES:

1. ALL REDWOOD TO BE CONSTRUCTION HEART OR BETTER.
2. DO NOT WRITE "STREET" OR "AVE" ON POST.

CONNECTION TYPE FOR REGULATORY SIGNS



REFLECTIVE SIGN PLATE

LAG SCREW (TYP.)

REDWOOD TRIM

CONNECTION TYPE FOR STOP SIGNS

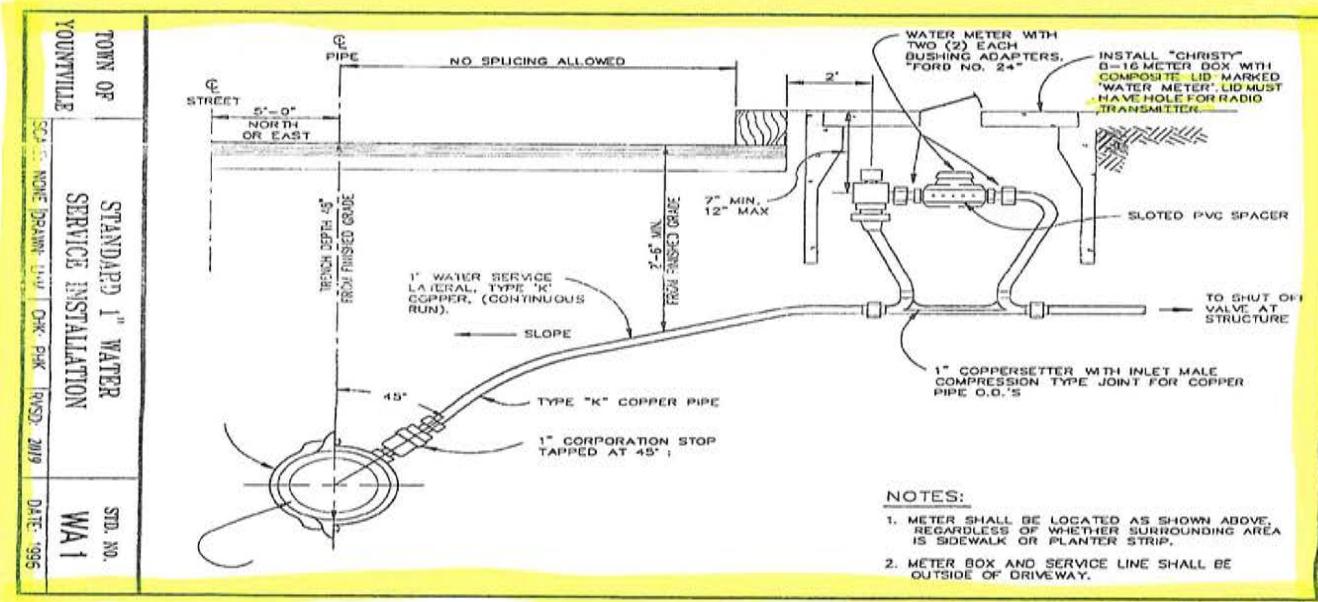
3/8" OR 1/2" CCX PLYWOOD, REDWOOD, CEDAR, OR PAINTED MEDIUM BROWN.

CITY OF NAPA

PUBLIC WORKS DEPARTMENT

STANDARD STREET NAME SIGN

DRAWN BY:	LFM	CHECKED BY:	JGF
DATE:	06/18	APPROVED BY:	JRL
SCALE:	NONE	DRAWING NO.	
FIELD NOTES:			S-19



APPROVED FITTINGS		
DESCRIPTION	MUELLER	FORD
		-
		-
INSULATED CORPORATION STOP (MIP x COMP)	N-35028**	-
INSULATED STRAIGHT COUPLING (METER SWIVEL NUT x MIP)	H-10871**	-
STAINLESS STEEL SERVICE SADDLE (SMITH-BLAIR #372, FORD #300, JCM #502)		

** SHALL BE INSULATED FITTINGS BY MUELLER OR JONES

NOTES

- OBSTRUCTIONS:** METERS SHALL BE PLACED 3-FT MIN. FROM ANY OBSTRUCTION (SIGNS, FENCES, MAILBOX, ETC.). METERS SHALL BE INSTALLED 10-FT MIN. FROM TREES (5-FT MIN. FROM SHRUBS). SEE W-18 FOR ADDITIONAL DETAILS.
- WATER-SEWER SEPARATION:** WATER-SEWER (OR WATER-RECYCLED WATER) SEPARATION SHALL COMPLY WITH ALL CALIFORNIA DEPARTMENT OF HEALTH SERVICES REQUIREMENTS. WATER SERVICES SHALL BE 10-FT MIN. (PARALLEL) AND 1-FT MIN. ABOVE (PERPENDICULAR) ALL SEWER (OR RECYCLED WATER) UTILITIES.
- HOT-TAP:** HOT-TAPS TO ACTIVE WATER MAINS SHALL BE MADE BY CITY FORCES AT APPLICANT'S EXPENSE. SEE W-16 FOR HOT-TAP REQUIREMENTS. HOT-TAP SHALL BE INSTALLED 24" MIN. FROM ANY TAP, BELL, FITTING, WATER SERVICE, ETC.
- METALLIC PIPE AND FITTINGS:** BURIED SECTIONS SHALL BE WRAPPED WITH AN 8-MIL PLASTIC SLEEVE. COPPER PIPE NOT WRAPPED IN A PLASTIC SLEEVE SHALL BE NSF 61 APPROVED PLASTIC COATED COPPER TUBING (TYPE "K" SOFT BLUE IN COLOR). INSULATED COUPLING SHALL BE WRAPPED WITH 10-MIL HIGH TACK PIPE WRAP TAPE 3-FT MIN. TO EACH SIDE OF THE INSULATION POINT.
- METER BOX AND SERVICE LINE INSTALLATION:** INSTALL 3-FT MIN. OUTSIDE ANY VEHICULAR ACCESS WAY.
- CURB ADJACENT SIDEWALK:** INSTALL THE METER AT BACK OF CURB AS SHOWN. INSTALL BACKFLOW DEVICE BEHIND SIDEWALK.
- BACKFLOW PREVENTION DEVICES:** APPROVED DEVICES SHALL BE INSTALLED AND TESTED PRIOR TO THE INSTALLATION OF METERS. USE OF JUMPERS, HOSE BIBS, ETC. IS PROHIBITED.
- TWO OR MORE SERVICES:** INSTALLATION OF TWO OR MORE SERVICES REQUIRE CONNECTION OF PERMANENT ADDRESS TAGS FOR EACH METER WHICH SHALL BE DURABLY FIXED TO THE METER PRIOR TO WATER SERVICE ACTIVATION.
- WATER SERVICE SIZE:** ALL WATER SERVICES SHALL BE APPROPRIATELY SIZED FOR THE INTENDED USE. THE WATER DIVISION RESERVES THE RIGHT TO REQUIRE A WATER SERVICE ANALYSIS TO EVALUATE DEMANDS AND THE APPROPRIATENESS OF THE SERVICE SIZE(S). UNDERSIZED WATER SERVICES ARE PROHIBITED.

CITY OF NAPA

PUBLIC WORKS DEPARTMENT

TITLE

3/4" AND 1" WATER SERVICE

DRAWN BY: DCF

CHECKED BY: MJH

DATE: 07/2017

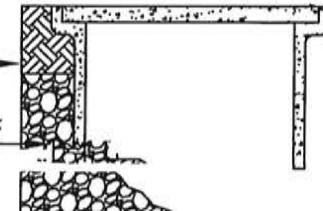
APPROVED BY: MJH

SCALE: NTS

DRAWING NO. W-1

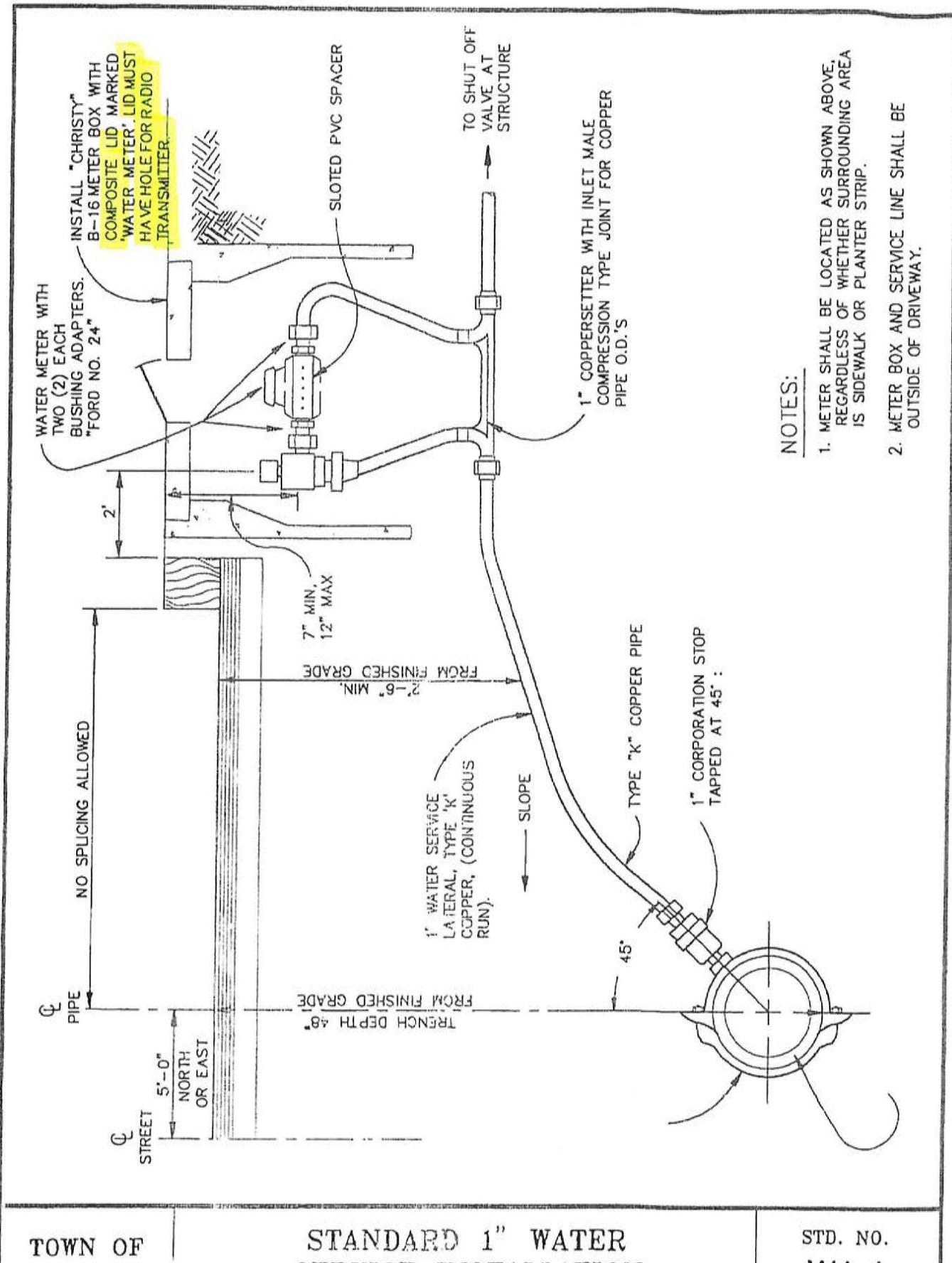
FIELD NOTES:

Revised Town of Yountville 12/03/19



DETAIL

METER BOX INSTALLATION

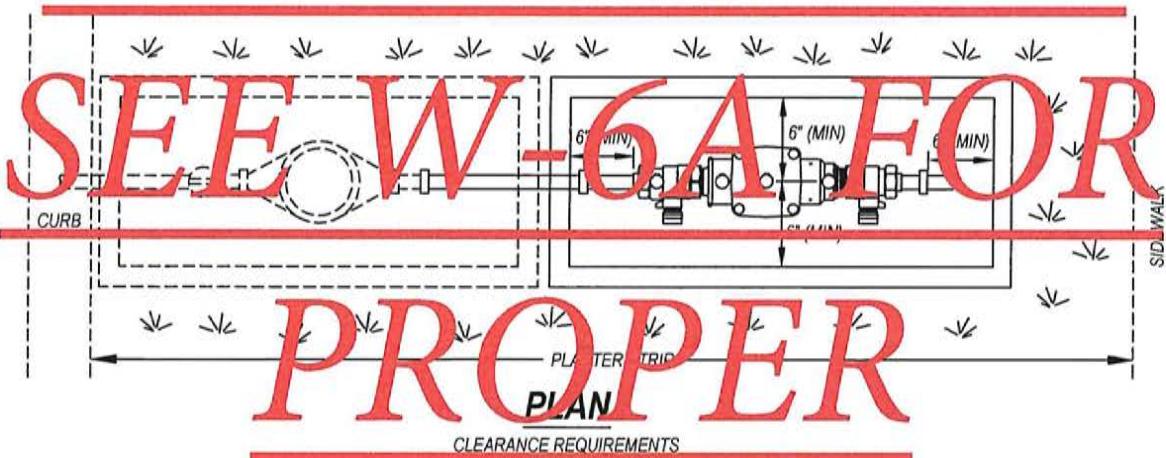
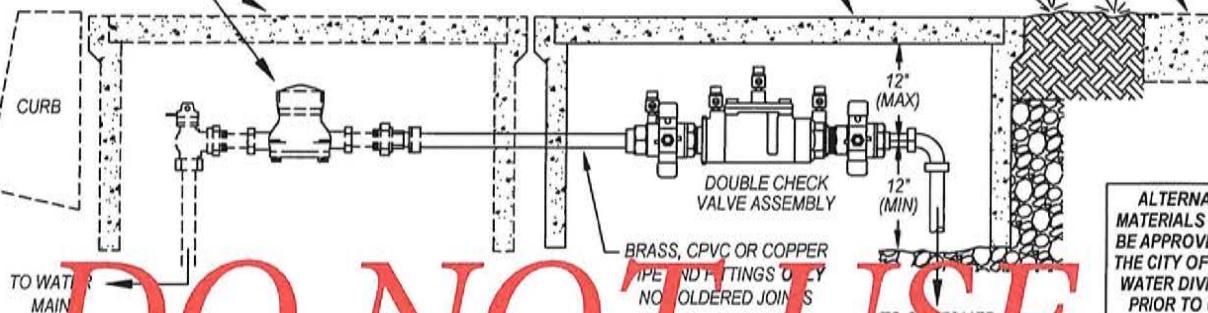


TOWN OF YOUNTVILLE	STANDARD 1" WATER SERVICE INSTALLATION	STD. NO. WA 1
SCALE: NONE DRAWN: LIAM CHK: PHK RVSD: 2019 DATE: 1996		

FOR METER BOX AND WATER METER
INSTALLATION, SEE W-1A & W-1B

CHRISTY B16 METER BOX (OR APPROVED EQUAL) WITH
FIBRELYTE FL16D LID MARKED "WATER"

SIDWALK



NOTES

INSTALL OF DOUBLE CHECK VALVE

- CURB ADJACENT SIDEWALK: INSTALL METER AT BACK OF CURB AS SHOWN. INSTALL BACKFLOW DEVICE AT BACK OF SIDEWALK.
- DOUBLE CHECK VALVE MUST BE INSTALLED IN A TRUE HORIZONTAL POSITION.
- DOUBLE CHECK VALVE MUST BE INSTALLED WITHIN IN A PROTECTIVE BOX. STACKED BOXES SHALL BE USED AS NEEDED TO MAINTAIN CLEARANCE REQUIREMENTS.
- NO CONNECTIONS ARE ALLOWED BETWEEN THE WATER METER AND THE DOUBLE CHECK VALVE ASSEMBLY.
- ALL PARTS MUST BE EASILY ACCESSIBLE FOR INSPECTION BY THE WATER DIVISION CROSS CONNECTION SPECIALIST.
- ANY OTHER LOCATION OR METHOD OF INSTALLATION MUST BE APPROVED IN ADVANCE BY THE WATER DIVISION CROSS CONNECTION SPECIALIST.
- INSTALLATION MUST BE APPROVED BY THE WATER DIVISION CROSS CONNECTION SPECIALIST AND THE DEVICE TESTED BY A CITY APPROVED AWWA CERTIFIED BACKFLOW TESTER BEFORE WATER IS TURNED ON.
- DOUBLE CHECK ASSEMBLY MUST BE APPROVED BY THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES.
- NO TREES SHALL BE PLANTED WITHIN 10 FT, OR LARGE SHRUBS WITHIN 5 FT, OF DOUBLE CHECK VALVE.
- DOUBLE CHECK BACKFLOW DEVICES MAY BE USED FOR IRRIGATION WATER SERVICES, EXCEPT IF AN IRRIGATION SERVES A PROPERTY USING ALTERNATE WATER SOURCES (INCLUDING WELLS, RECLAIMED WATER, PONDS, ETC.). IF ALTERNATE WATER SOURCES ARE USED, SEE W-6A FOR INSTALLATION REQUIREMENTS.
- APPROVED BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED AND TESTED AND WATER METERS SHALL BE SET, PRIOR TO ANY USE OF WATER SERVICE. USE OF JUMPERS, HOSE BIBS, OR OTHER DEVICES SHALL NOT BE PERMITTED.

CITY OF NAPA

PUBLIC WORKS DEPARTMENT

TITLE

DOUBLE CHECK VALVE
BACKFLOW DEVICE INSTALLED FOR
3/4" AND 1" WATER SERVICES

DRAWN BY: DCF

CHECKED BY: MJH

DATE: 07/2017

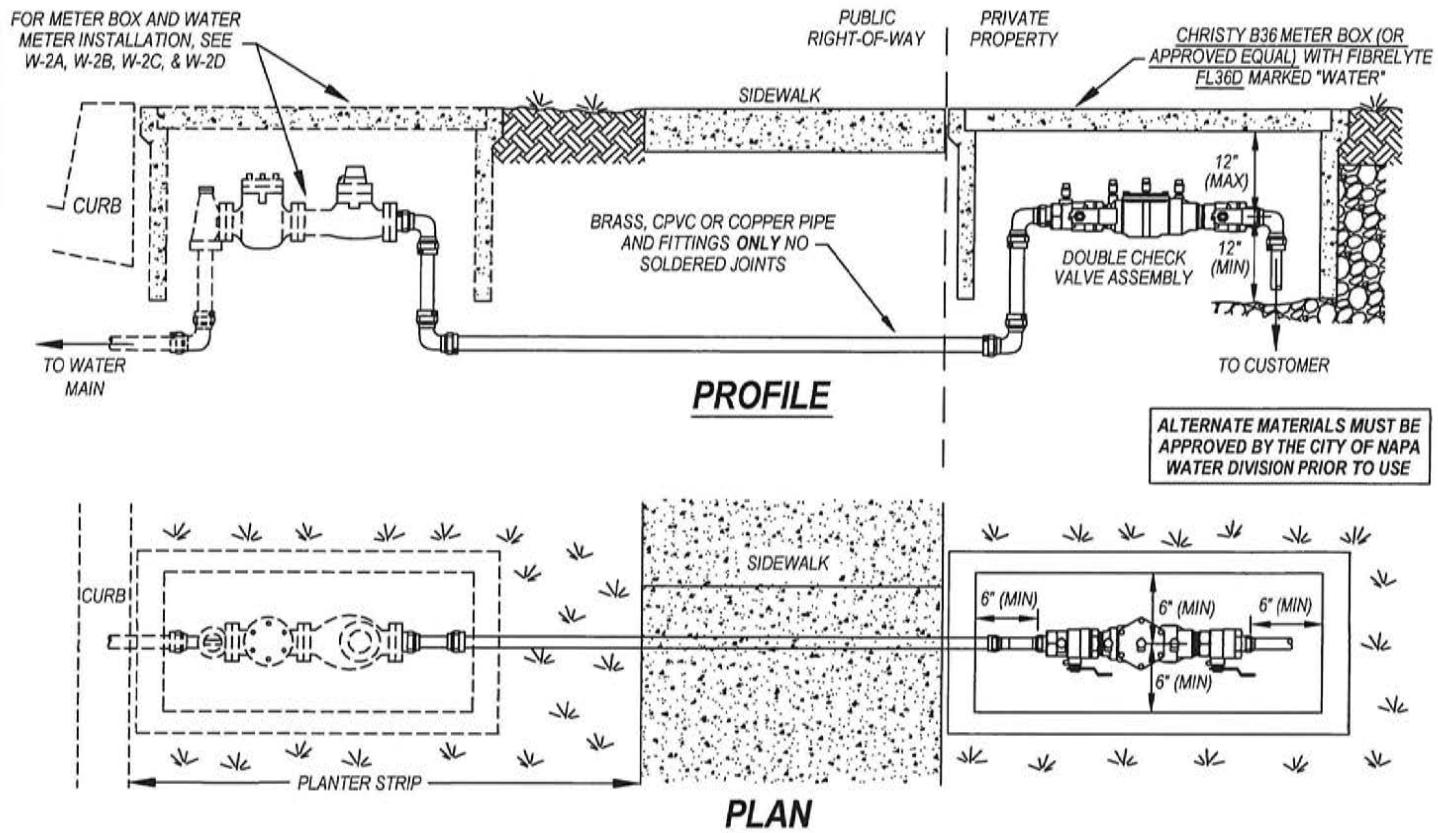
APPROVED BY: MJH

SCALE: NTS

DRAWING NO.

FIFID NOTES:

W-5A



TO BE APPROVED BY UTILITIES OPERATIONS DIVISION IN SPECIAL CIRCUMSTANCES ONLY.

NOTES

1. **CURB ADJACENT SIDEWALK:** INSTALL METER AT BACK OF CURB AS SHOWN. INSTALL BACKFLOW DEVICE AT BACK OF SIDEWALK.
2. DOUBLE CHECK VALVE MUST BE INSTALLED IN A TRUE HORIZONTAL POSITION.
3. DOUBLE CHECK VALVE MUST BE INSTALLED WITHIN IN A PROTECTIVE BOX. STACKED BOXES SHALL BE USED AS NEEDED TO MAINTAIN CLEARANCE REQUIREMENTS.
4. NO CONNECTIONS ARE ALLOWED BETWEEN THE WATER METER AND THE DOUBLE CHECK VALVE ASSEMBLY.
5. ALL PARTS MUST BE EASILY ACCESSIBLE FOR INSPECTION BY THE WATER DIVISION CROSS CONNECTION SPECIALIST.
6. ANY OTHER LOCATION OR METHOD OF INSTALLATION MUST BE APPROVED IN ADVANCE BY THE WATER DIVISION CROSS CONNECTION SPECIALIST.
7. INSTALLATION MUST BE APPROVED BY THE WATER DIVISION CROSS CONNECTION SPECIALIST AND THE DEVICE TESTED BY A CITY APPROVED AWWA CERTIFIED BACKFLOW TESTER BEFORE WATER IS TURNED ON.
8. DOUBLE CHECK ASSEMBLY MUST BE APPROVED BY THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES.
9. NO TREES SHALL BE PLANTED WITHIN 10-FT, OR LARGE SHRUBS WITHIN 5-FT, OF DOUBLE CHECK VALVE.
10. DOUBLE CHECK BACKFLOW DEVICES MAY BE USED FOR IRRIGATION WATER SERVICES, EXCEPT IF AN IRRIGATION SERVES A PROPERTY USING ALTERNATE WATER SOURCES (INCLUDING WELLS, RECLAIMED WATER, PONDS, ETC.). IF ALTERNATE WATER SOURCES ARE USED, SEE W-6A FOR INSTALLATION REQUIREMENTS.
11. APPROVED BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED AND TESTED AND WATER METERS SHALL BE SET, PRIOR TO ANY USE OF WATER SERVICE. USE OF JUMPERS, HOSE BIBS, OR OTHER DEVICES SHALL NOT BE PERMITTED.
12. BACKFLOW DEVICE CAN BE INSTALLED WITHIN A BUILDING IN A DEDICATED UTILITY CLOSET IF THE BUILDING IS LOCATED WITHIN 20-FT OF THE PUBLIC RIGHT-OF-WAY, THE BACKFLOW DEVICE IS PLACED AT THE CORNER OF THE BUILDING CLOSEST TO THE PUBLIC RIGHT-OF-WAY WHERE THE CONNECTION IS MADE, AND WITH THE APPROVAL FROM THE WATER DIVISION CROSS CONNECTION SPECIALIST (SEE W-5D FOR INTERNAL INSTALLATION REQUIREMENTS).

CITY OF NAPA

PUBLIC WORKS DEPARTMENT

TITLE DOUBLE CHECK VALVE
BACKFLOW DEVICE INSTALLATION FOR
3/4" TO 2" RESIDENTIAL SERVICES

DRAWN BY:	DCF	CHECKED BY:	MJH
DATE:	07/2017	APPROVED BY:	MJH
SCALE:	NTS	DRAWING NO.	
FIELD NOTES			

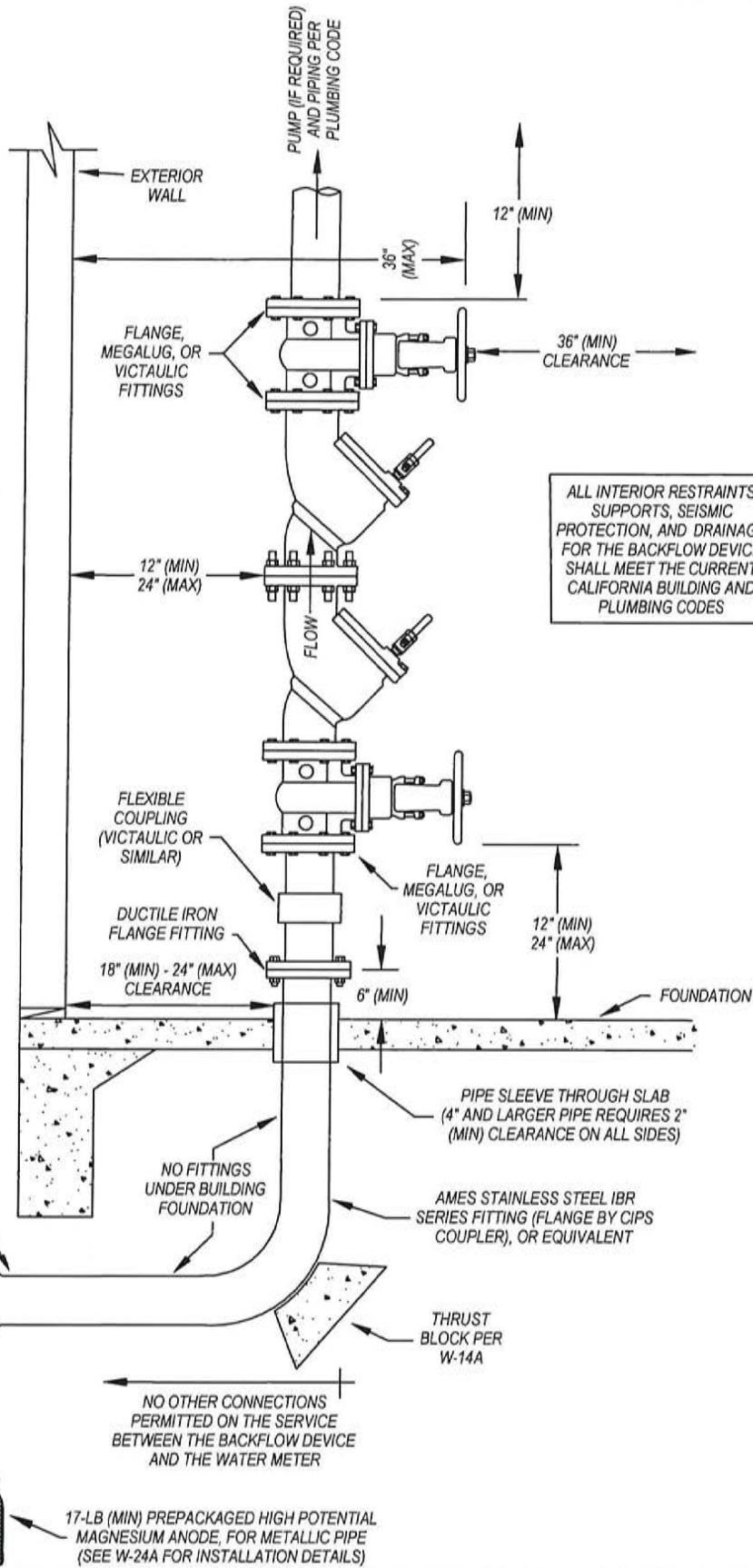
W-5B

ALL JOINTS SHALL BE RESTRAINED.
BURIED FITTINGS: MEGLUG
RESTRANTS, OR EQUAL
EXPOSED FITTINGS: FLANGED,
MEGLUG, OR VICTAULIC JOINTS

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

FLANGETYE GASKETS BY U.S. PIPE SHALL
BE USED FOR ALL FLANGED FITTINGS.

TO BE APPROVED BY
UTILITIES
OPERATIONS
DIVISION
IN SPECIAL
CIRCUMSTANCES
ONLY.



CITY OF NAPA

PUBLIC WORKS DEPARTMENT

TITLE INTERIOR DOUBLE CHECK VALVE
BACKFLOW DEVICE INSTALLATION FOR
3" TO 8" RESIDENTIAL WATER SERVICES

DRAWN BY: DCF

CHECKED BY: MJH

DATE: 07/2017

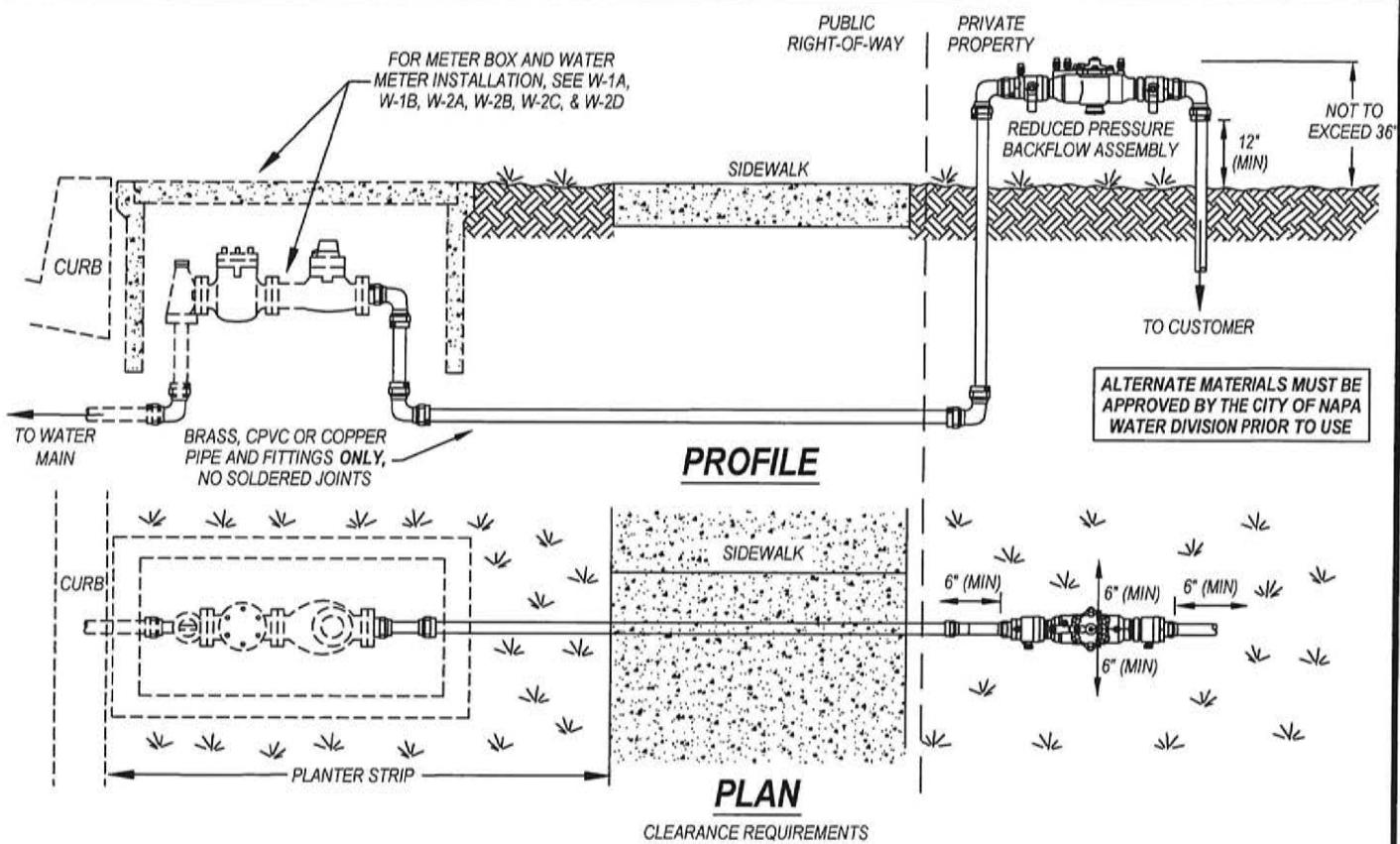
APPROVED BY: MJH

SCALE: NTS

DRAWING NO.

W-5D.1

Revised Town of Yountville 12/03/19



NOTES

1. **ABOVE GROUND INSTALLATION IS MANDATORY FOR ALL BACKFLOW DEVICES.**
2. **BACKFLOW DEVICES ARE REQUIRED FOR ALL COMMERCIAL SERVICES AND FOR IRRIGATION SERVICES TO PROPERTIES USING ALTERNATE WATER SOURCES (INCLUDING WELLS, RECLAIMED WATER, PONDS, ETC.).**
3. **BACKFLOW DEVICE MUST BE INSTALLED BEHIND THE BACK OF SIDEWALK OUTSIDE OF THE PUBLIC RIGHT-OF-WAY AND PROTECTED FROM TRAFFIC HAZARDS, EITHER BY LOCATION OR BARRIERS.**
4. **BACKFLOW DEVICE CAN BE INSTALLED WITHIN A BUILDING IN A DEDICATED UTILITY CLOSET IF THE BUILDING IS LOCATED WITHIN 20-FT OF THE PUBLIC RIGHT-OF-WAY, THE BACKFLOW DEVICE IS PLACED AT THE CORNER OF THE BUILDING CLOSEST TO THE PUBLIC RIGHT-OF-WAY WHERE THE CONNECTION IS MADE, AND WITH THE APPROVAL FROM THE WATER DIVISION CROSS CONNECTION SPECIALIST (SEE W-6B FOR INTERNAL INSTALLATION REQUIREMENTS).**
5. **NO CONNECTIONS ARE ALLOWED BETWEEN THE WATER METER AND THE BACKFLOW ASSEMBLY, OR DIRECTLY TO THE BACKFLOW DEVICE. A THERMAL EXPANSION RELIEF VALVE SHALL BE INSTALLED BETWEEN BACKFLOW DEVICE AND WATER HEATERS BEING SERVED.**
6. **ALL PARTS MUST BE EASILY ACCESSIBLE FOR INSPECTION BY THE WATER DIVISION CROSS CONNECTION SPECIALIST.**
7. **ANY OTHER LOCATION OR METHOD OF INSTALLATION MUST BE APPROVED IN ADVANCE BY THE WATER DIVISION CROSS CONNECTION SPECIALIST.**
8. **INSTALLATION MUST BE APPROVED BY THE WATER DIVISION CROSS CONNECTION SPECIALIST AND THE DEVICE TESTED BY A CITY APPROVED AWWA CERTIFIED BACKFLOW TESTER BEFORE WATER IS TURNED ON.**
9. **ALL BACKFLOW DEVICES MUST BE APPROVED BY THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES.**
10. **NO TREES SHALL BE PLANTED WITHIN 10-FT, OR LARGE SHRUBS WITHIN 5-FT, OF DOUBLE CHECK VALVE.**
11. **APPROVED BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED AND TESTED AND WATER METERS SHALL BE SET, PRIOR TO ANY USE OF WATER SERVICE. USE OF JUMPERS, HOSE BIBS, OR OTHER DEVICES SHALL NOT BE PERMITTED.**
12. **THE VISUAL IMPACT OF BACKFLOW DEVICES SHOULD BE CONSIDERED IF NOT PLACED WITHIN A UTILITY CLOSET.**

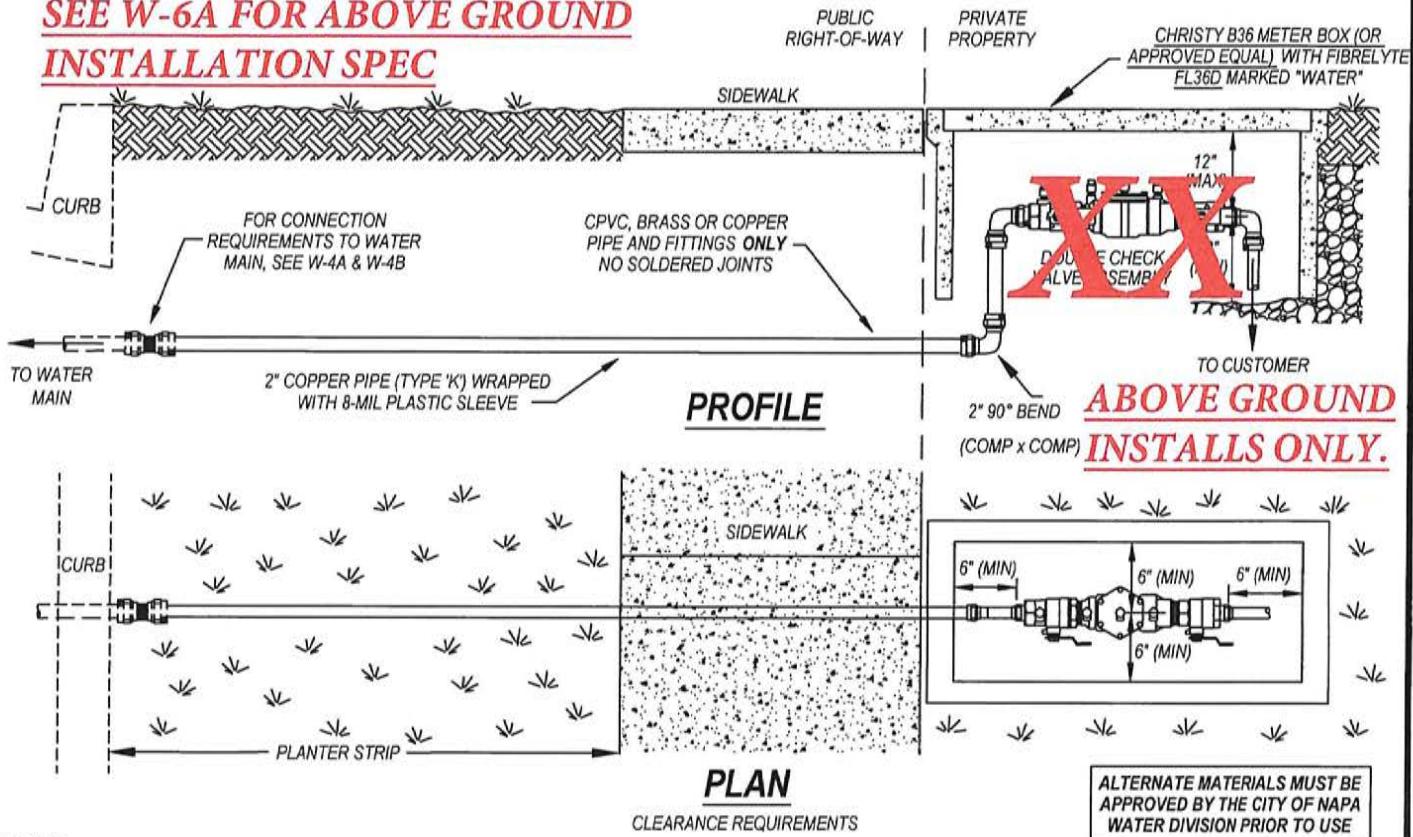
CITY OF NAPA

PUBLIC WORKS DEPARTMENT

TITLE **BACKFLOW DEVICE INSTALLATION FOR
3/4" TO 2" RESIDENTIAL AND
COMMERCIAL SERVICES**

DRAWN BY:	DCF	CHECKED BY:	MJH
DATE:	07/2017	APPROVED BY:	MJH
SCALE:	NTS	DRAWING NO.	
FIELD NOTES:			W-6A

**SEE W-6A FOR ABOVE GROUND
INSTALLATION SPEC**



NOTES

1. DOUBLE CHECK VALVE MUST BE INSTALLED IN A TRUE HORIZONTAL POSITION.
2. DOUBLE CHECK VALVE MUST BE INSTALLED WITHIN IN A PROTECTIVE BOX. STACKED BOXES SHALL BE USED AS NEEDED TO MAINTAIN CLEARANCE REQUIREMENTS. BACKFLOW DEVICE MUST BE INSTALLED BEHIND THE BACK OF SIDEWALK OUTSIDE OF THE PUBLIC RIGHT-OF-WAY AND PROTECTED FROM TRAFFIC HAZARDS, EITHER BY LOCATION OR BARRIERS.
3. NO CONNECTIONS ARE ALLOWED BETWEEN THE WATER MAIN AND THE DOUBLE CHECK VALVE ASSEMBLY.
4. ALL PARTS MUST BE EASILY ACCESSIBLE FOR INSPECTION BY THE WATER DIVISION CROSS CONNECTION SPECIALIST.
5. ANY OTHER LOCATION OR METHOD OF INSTALLATION MUST BE APPROVED IN ADVANCE BY THE WATER DIVISION CROSS CONNECTION SPECIALIST.
6. ALL BURIED SECTIONS OF METALLIC PIPE AND FITTINGS SHALL BE WRAPPED WITH AN 8-MIL PLASTIC SLEEVE BETWEEN THE WATER MAIN AND THE BACKFLOW DEVICE. COPPER PIPE NOT WRAPPED IN A PLASTIC SLEEVE SHALL BE NSF 61 APPROVED PLASTIC COATED COPPER TUBING (TYPE "K", BLUE IN COLOR). INSULATED COUPLING SHALL BE WRAPPED WITH 10-MIL HIGH TACK PIPE WRAP TAPE 3-FT (MIN) TO EACH SIDE OF INSULATION POINT. WRAPPING METALLIC PIPE AND FITTINGS BEYOND THE BACKFLOW DEVICE IS RECOMMENDED, BUT NOT REQUIRED.
7. INSTALLATION MUST BE APPROVED BY THE WATER DIVISION CROSS CONNECTION SPECIALIST AND THE DEVICE TESTED BY A CITY APPROVED AWWA CERTIFIED BACKFLOW TESTER BEFORE WATER IS TURNED ON.
8. DOUBLE CHECK ASSEMBLY MUST BE APPROVED BY THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES.
9. NO TREES SHALL BE PLANTED WITHIN 10-FT, OR LARGE SHRUBS WITHIN 5-FT, OF DOUBLE CHECK VALVE.
10. APPROVED BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED AND TESTED PRIOR TO ACTIVATION OF SERVICE. USE OF JUMPERS, HOSE BIBS, OR OTHER DEVICES SHALL NOT BE PERMITTED.
11. THE FIRE DEPARTMENT CONNECTION AND RELATED APPURTENCES SHALL MEET THE CITY OF NAPA FIRE DEPARTMENT SPECIFICATIONS AND REQUIREMENTS. LOCATION OF THE FIRE DEPARTMENT CONNECTION SHALL BE APPROVED BY THE NAPA FIRE DEPARTMENT.
12. BACKFLOW DEVICE CAN BE INSTALLED WITHIN A BUILDING IN A DEDICATED UTILITY CLOSET IF THE BUILDING IS LOCATED WITHIN 20-FT OF THE PUBLIC RIGHT-OF-WAY, THE BACKFLOW DEVICE IS PLACED AT THE CORNER OF THE BUILDING CLOSEST TO THE PUBLIC RIGHT-OF-WAY WHERE THE CONNECTION IS MADE, AND WITH THE APPROVAL FROM THE WATER DIVISION CROSS CONNECTION SPECIALIST (SEE W-7B FOR INTERNAL INSTALLATION REQUIREMENTS).

CITY OF NAPA

PUBLIC WORKS DEPARTMENT

TITLE EXTERIOR DOUBLE CHECK VALVE
BACKFLOW DEVICE INSTALLATION FOR
2" FIRE WATER SERVICES

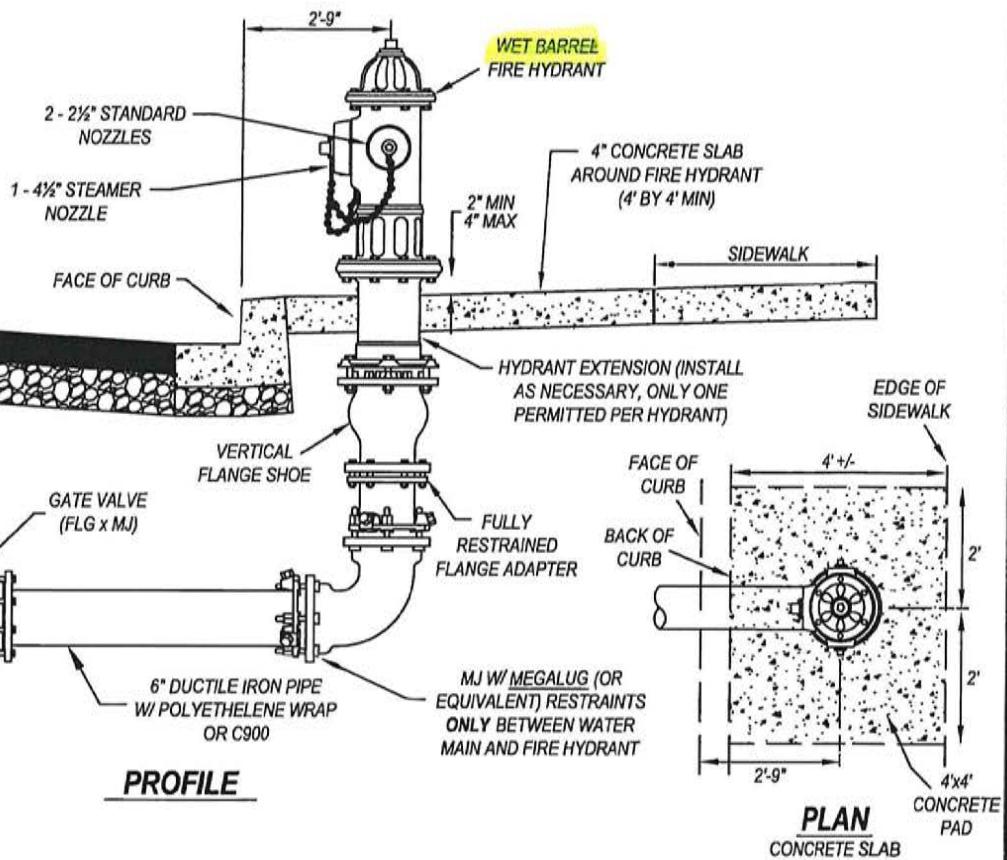
DRAWN BY:	DCF	CHECKED BY:	MJH
DATE:	07/2017	APPROVED BY:	MJH
SCALE:	NTS	DRAWING NO.	
FIELD NOTES:		W-7A	

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: CLOW #F75 FOR RESIDENTIAL & CLOW #F76 FOR COMMERCIAL NO SUBSTITUTES WILL BE ACCEPTED WITHOUT APPROVAL FROM THE UTILITIES OPERATIONS DIVISION.
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. BURY DEPTH: 36" TYPICAL.
4. PUBLIC FIRE HYDRANTS SHALL BE POWDER COATED SILVER COLOR FINISH. FIRE HYDRANTS ON A PRIVATE FIRE SYSTEM SHALL BE PAINTED WITH A PRIME COAT PLUS "OSHA YELLOW" COLOR FINISH.
5. 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.
6. A 6" VERTICAL CURB IS REQUIRED FOR A MINIMUM OF 10' ON EACH SIDE OF HYDRANT.
7. INSTALL 8 MIL POLYETHYLENE WRAP ON LATERAL, JOINTS, AND VERTICAL RISE.
8. VERTICAL OFFSETS BETWEEN MAIN AND HYDRANT SHALL BE ACHIEVED WITH 45° BENDS W/ RESTRAINED JOINTS.
9. INSTALL PAVEMENT MARKER(S) IN PUBLIC STREET FOR ALL NEW AND RELOCATED FIRE HYDRANTS (SEE W-21).
10. FIRE HYDRANTS THAT ARE NOT IN SERVICE SHALL BE COMPLETELY COVERED.
11. PUBLIC FIRE HYDRANTS THAT ARE IN SERVICE SHALL BE OPERATED BY WATER DIVISION OR FIRE DEPARTMENT STAFF ONLY.
12. 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.
13. NO TREES SHALL BE PLANTED WITHIN 10', OR LARGE SHRUBS WITHIN 5', OF FIRE HYDRANTS.

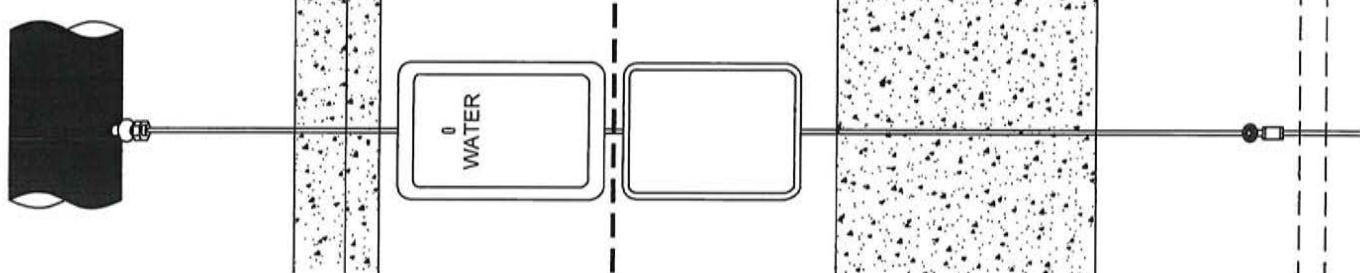
CITY OF NAPA

PUBLIC WORKS DEPARTMENT

TITLE

FIRE HYDRANT

DRAWN BY:	DCF	CHECKED BY:	MJH
DATE:	09/2019	APPROVED BY:	MJH
SCALE:	NTS	DRAWING NO.	
FIELD NOTES:			W-8



CITY OF NAPA RESPONSIBILITY

CITY WILL MAINTAIN WATER SYSTEM ON THIS SIDE OF THE METER SETTER

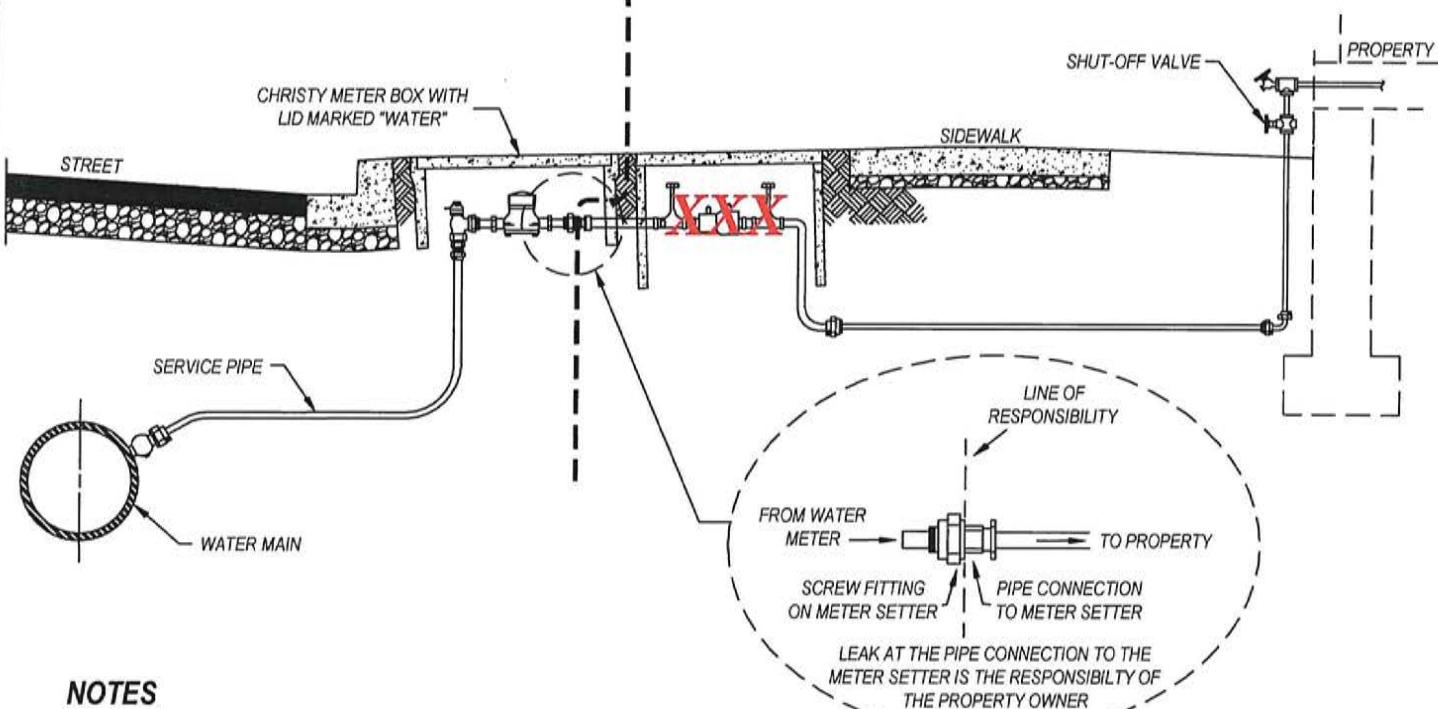
WATER LOST ON THIS SIDE OF METER SETTER WILL NOT BE CHARGED TO THE CUSTOMER

PROPERTY OWNER'S RESPONSIBILITY

PROPERTY OWNER IS RESPONSIBLE FOR MAKING ALL PLUMBING REPAIRS ON THIS SIDE OF THE METER SETTER. THE CITY WILL NOT MAKE THESE REPAIRS.

WATER LOST ON THIS SIDE OF METER SETTER WILL BE BILLED TO THE CUSTOMER.

BACKFLOW DEVICE TO BE INSTALLED ON CUSTOMER SIDE OF PROPERTY LINE AND ABOVE GROUND.



NOTES

1. CURB ADJACENT SIDEWALK: METER INSTALLED AT CURB AS SHOWN. **BACKFLOW DEVICE INSTALLED BEHIND SIDEWALK.**
2. METER BOX AND SERVICE LINE SHALL BE INSTALLED OUTSIDE OF DRIVEWAYS AND DRIVEWAY APPROACHES.
3. METERS SHALL BE PLACED A MINIMUM OF 3' FROM ANY OBSTRUCTION (SIGN POST, MAIL BOX, FENCE, ETC.). NO TREES SHALL BE PLANTED WITHIN 10', OR LARGE SHRUBS WITHIN 5', OF THE METER BOX. SEE W-18 FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.
4. FOR AN OLDER WATER SERVICE INSTALLATION WHERE A METER SETTER WAS NOT INSTALLED, CUSTOMER'S RESPONSIBILITY STARTS IMMEDIATELY PAST THE WATER METER.

CITY OF NAPA

PUBLIC WORKS DEPARTMENT

TITLE

WATER SERVICE MAINTENANCE
RESPONSIBILITY (METERED SERVICE)

DRAWN BY:	DCF	CHECKED BY:	MJH
DATE:	07/2017	APPROVED BY:	MJH
SCALE:	NTS	DRAWING NO.	
FIFID NOTES:			W-20A