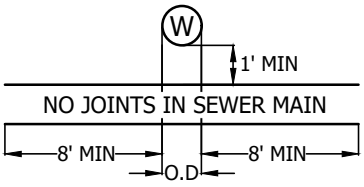
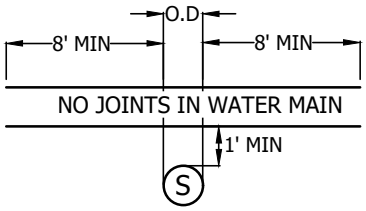
NEW SEWER MAIN



NEW WATER MAIN



TRENCH SECTION FOR PERPENDICULAR CONSTRUCTION

	REQUIRED SEPARATION FROM:	WATER MAIN SHALL BE SEPARATED BY:
(A)	PARALLEL PIPE CONVEYING UNTREATED SEWAGE, PRIMARY OR SECONDARY TREATED SEWAGE, DISINFECTED SECONDARY-2.2 RECYCLED WATER, DISINFECTED SECONDARY-23 RECYCLED WATER, AND HAZARDOUS FLUIDS SUCH AS FUELS, INDUSTRIAL WASTES, AND WASTEWATER SLUDGE	10 FT HORIZ AND 1 FT VERT , ABOVE
(B)	PARALLEL PIPE CONVEYING DISINFECTED TERTIARY RECYCLED WASTER, STORM DRAINAGE	4 FT HORIZ AND 1 FT VERT , ABOVE
(C)	PARALLEL PIPE CONVEYING RAW WATER TO BE TREATED FOR DRINKING PURPOSES	4 FT HORIZ AND 1 FT VERT , ABOVE
(D)	NEAREST EDGE OF ANY SANITARY LANDFILL, WASTEWATER DISPOSAL POND OR HAZARDOUS WASTE DISPOSAL SITE	100 FT HORIZ
(E)	NEAREST EDGE OF ANY CESSPOOL, SEPTIC TANK, SEWAGE LEACH FIELD, SEEPAGE PIT, UNDERGROUND HAZARDOUS MATERIAL STORAGE TANK, OR GROUNDWATER RECHARGE PROJECT SITE	25 FT HORIZ

1. NEW WATER MAINS AND SUPPLY LINES SHALL NOT BE INSTALLED IN THE SAME TRENCH AS ANY PARALLEL PILE CONVEYING THE LIQUIDS LISTED IN ROW (A).
2. IF A CROSSING PIPELINE IS CONVEYING FLUID LISTED IN ROWS (A) OR (B), A NEW WATER MAIN SHALL BE CONSTRUCTED NO LESS 45 DEGREES TO, AND 1 FT ABOVE, THAT PIPELINE. NO CONNECTION JOINTS SHALL BE MADE IN THE WATER MAIN WITHIN 8 HORIZONTAL FT OF THE FLUID PIPELINE.
3. THE VERTICAL SEPARATION REQUIRED IN ROWS (A), (B) AND (C) IS ONLY REQUIRED WHEN THE HORIZONTAL SEPARATION IS LESS THAN 10 FT.
4. THE MINIMUM SEPARATION DISTANCES SET FORTH IN THIS TABLE SHALL BE MEASURED FROM THE NEAREST OUTSIDE EDGE OF EACH PIPE BARREL.
5. WITH STATE BOARD APPROVAL, NEWLY INSTALLED WATER MAINS MAY BE EXEMPT FROM THE SEPARATIONS DISTANCES LISTED [EXCEPT ROWS (D) & (E)], IF THE NEWLY INSTALLED MAIN IS:
   - 5.1. LESS THAN 1,320 LINEAR FEET
   - 5.2. REPLACING AN EXISTING MAIN, INSTALLED IN THE SAME LOCATION, AND HAS A DIAMETER OF NO MORE THAN 6 IN GREATER THAN THE MAIN IT IS REPLACING, **AND**
   - 5.3. INSTALLED IN A MANNER THAT MINIMIZES THE POTENTIAL FOR CONTAMINATION, INCLUDING BUT NOT LIMITED TO:
     - 5.3.1. SLEEVING THE NEWLY INSTALLED MAIN, OR
     - 5.3.2. UPGRADING THE PIPING MATERIAL
6. DISINFECTED SECONDARY-2.2 DEFINED §60301.220; DISINFECTED SECONDARY-23 DEFINED §60301.225, DISINFECTED TERTIARY DEFINED §60301.230, CAL CODE OF REGULATIONS TITLE 22
7. ALL DIMENSIONS ARE MINIMUM AND APPLY ONLY TO GRAVITY SEWER MAINS. THE ILLUSTRATIONS ARE NOT APPLICABLE WITH SEWER PRESSURE MAINS.

TITLE:

WATER PIPE SEPARATION REQUIREMENTS

DRAWN BY:	SCALE:
STAFF	NONE
REVIEWED BY:	REVISED:
MARCO MARTINEZ	OCTOBER, 2026

CITY OF HOLLISTER
ENGINEERING DEPARTMENT

APPROVED:

ACTING CITY ENGINEER: ANNE E. HALL LIC. No. 55611

10/30/26
DATE

STANDARD PLAN

E-1

SHEET 1 OF 1