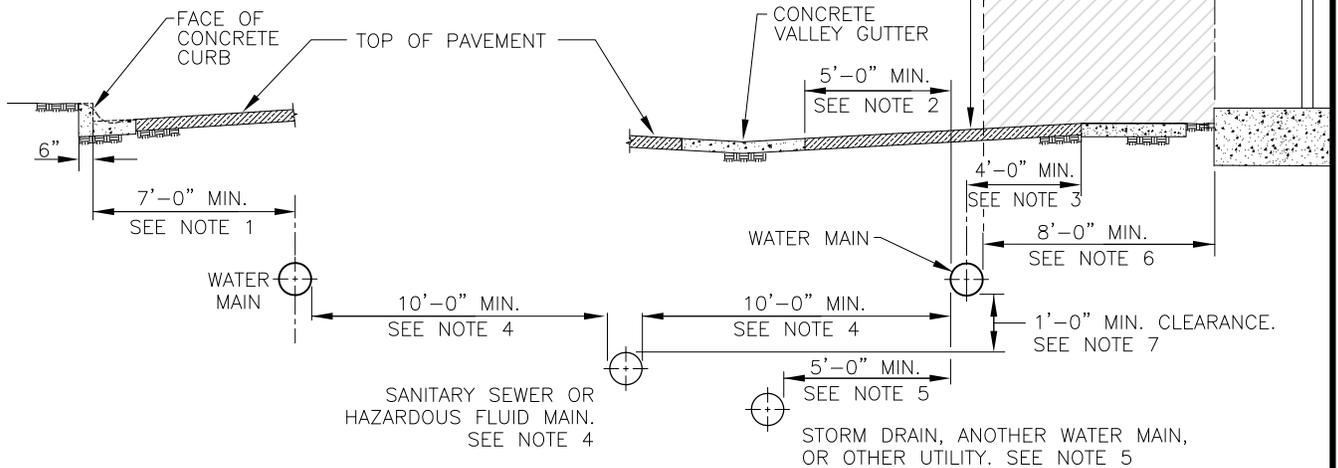


NOTES:

1. WHERE A WATER MAIN SHALL BE INSTALLED IN THE SAME SIDE OF THE STREET AS ON-STREET PARKING, THE WATER MAIN SHALL BE 7'-0" FROM THE FACE OF CURB. ON STREETS WITHOUT ON-STREET PARKING, THE WATER MAIN SHALL BE AT LEAST 5'-0" FROM THE FACE OF CURB, AS MEASURED FROM THE FACE OF CURB TO THE CENTERLINE OF THE MAIN.
2. WATER MAINS SHALL MAINTAIN A MINIMUM 5'-0" HORIZONTAL CLEARANCE (EDGE TO EDGE) FROM VALLEY GUTTERS.
3. WATER MAINS SHALL MAINTAIN A MINIMUM 4'-0" HORIZONTAL CLEARANCE (EDGE TO EDGE) FROM THE EDGE OF THE ASPHALT PAVEMENT IN PRIVATE STREETS WHERE A CURB AND GUTTER ARE NOT PRESENT.
4. WATER MAINS SHALL MAINTAIN A MINIMUM 10'-0" HORIZONTAL CLEARANCE (EDGE TO EDGE) FROM SANITARY SEWER MAINS OR PIPELINES CONVEYING HAZARDOUS FLUIDS SUCH AS FUELS, INDUSTRIAL WASTES, AND WASTEWATER SLUDGE. REFERENCE STANDARD DRAWING CL-2-08 FOR CERTAIN POTENTIAL EXCEPTIONS TO THIS CLEARANCE. UNDER NO CIRCUMSTANCES WILL THE DISTRICT ALLOW A HORIZONTAL CLEARANCE LESS THAN 5'-0".
5. WATER MAINS SHALL MAINTAIN A MINIMUM 5'-0" HORIZONTAL CLEARANCE (EDGE TO EDGE) FROM STORM DRAINS, OTHER WATER MAINS, TERTIARY RECYCLED WATER PIPELINES OR OTHER UTILITIES. REFERENCE STANDARD DRAWING CL-3-08.
6. WATER MAINS SHALL MAINTAIN A MINIMUM 8'-0" HORIZONTAL CLEARANCE (EDGE TO EDGE) FROM ANY HORIZONTAL PROJECTION OF A BUILDING, INCLUDING ANY BUILDING FOUNDATION WALL OR PROJECTION OF A BUILDING THAT IS WITHIN 23'-0" IN HEIGHT ABOVE THE FINISHED GRADE ABOVE THE MAIN. THE DISTRICT MAY REQUIRE CLEARANCES GREATER THAN 8'-0" DEPENDING ON FACTORS SUCH AS WATER MAIN SIZE, PRESSURE, OR HORIZONTAL DEFLECTIONS IN THE MAIN.
7. FOR ADDITIONAL CLEARANCE REQUIREMENTS BETWEEN WATER MAINS AND OTHER PIPELINES, SEE STANDARD DRAWINGS CL-2-08 AND CL-3-08.



ALAMEDA COUNTY WATER DISTRICT  
 43885 SOUTH GRIMMER BOULEVARD  
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 (510) 668-4200

STANDARD DRAWING

**CLEARANCE REQUIREMENTS  
 FOR WATER MAINS FROM OTHER  
 UTILITIES AND STRUCTURES**

APPROVED *Albert Chavez* 12/15/2008  
 ENGINEERING MANAGER DATE

					DESIGNED	ACWD	DATE:	DEC. 2008	
					DRAWN	RMF	SCALE:	NONE	
0	12-08	NEW STD. DWG.	RMF	LJA	CHECKED	LJA	DWG. NO.		REV.
NO.	DATE	REVISION	BY	APP.	DIV. MGR.	EHS		<b>CL-1-08</b>	<b>0</b>