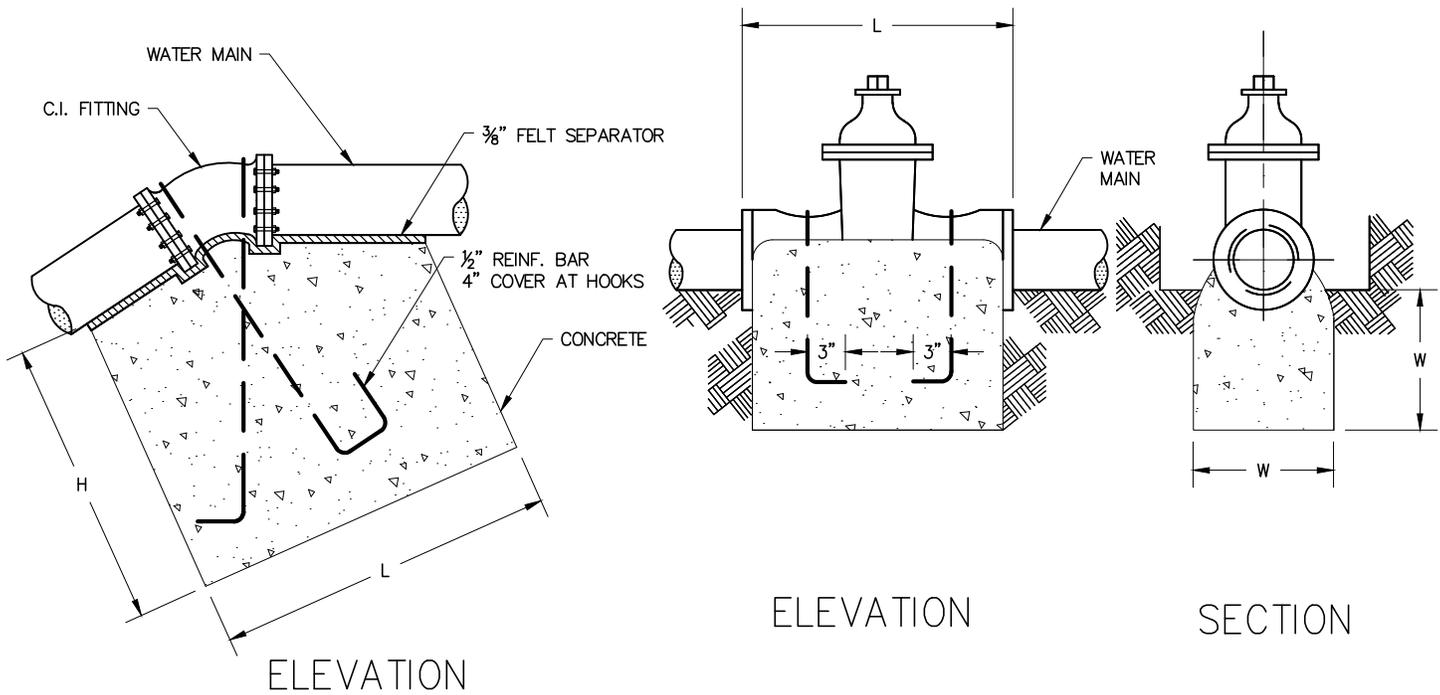


ANCHOR BLOCK DIMENSIONS L=H=W IN FEET			
FITTING & SIZE	22-1/2 BENDS	45 BENDS	VALVES
4"	1.9	2.4	1.5
6"	2.5	3.1	2.0
8"	3.1	3.8	2.5
10"	3.5	4.4	3.0
12"	4.0	5.0	3.5
14"	4.4	5.5	4.0
16"	5.0	6.0	4.5
18"	5.3	6.5	5.0



VERTICAL BEND ANCHORS & VALVE ANCHORS

1. WATER MAIN PRESSURE TESTS SHALL BE PERFORMED SUBSEQUENT TO ADEQUATE CONCRETE CURING.
2. ANCHOR BLOCKS, WHERE REQUIRED, SHALL BE POURED AGAINST UNDISTURBED SOIL, BACK FILL COMPACTED TO 100% RELATIVE COMPACTION OR CLASS 100-E-100 SLURRY.
3. DIMENSIONS L, H AND W ARE COMPUTED FOR TEST PRESSURES OF 225 PSI IN FORCE MAINS LAID IN SANDY SILT WITH AT LEAST 3 FEET OF COVER.
4. DIMENSIONS L, H, AND W SHALL BE APPROVED BY THE ENGINEER FOR THOSE WATER MAINS WHICH (A) ARE NOT POURED AGAINST UNDISTURBED SOIL, COMPACTED BACK FILL OR SLURRY, (B) WILL BE TESTED TO MORE THAN 225 PSI, OR (C) ARE NOT REPRESENTED BY A FITTING OR SIZE SHOWN HEREON.
5. JOINT FASTENERS SHALL NOT BE EMBEDDED IN CONCRETE.
6. REINFORCING STEEL SHALL BE GRADE 60 #4 CONFORMING TO ASTM 615, UNLESS OTHERWISE DESIGNED BY A CALIFORNIA REGISTERED PROFESSIONAL ENGINEER. ALL REBARS EXPOSED TO SOIL SHALL BE EPOXY COATED.
7. NO ANCHOR BLOCKS SHALL BE REQUIRED FOR VALVES IN WATER MAINS LESS THAN 8" DIAMETER.
8. ALL DUCTILE IRON FITTINGS SHALL BE ENCASED IN POLYETHYLENE WRAP PER AWWA STANDARD C105.

FORMER CITY STANDARD PLAN NUMBER (2004 EDITION): STD 510-L-D

APP. <i>James M. Hinkle</i>	51568	11/24/2020			
CITY ENGINEER	RCE	DATE			
			NO.	DATE	DESCRIPTION OF REVISIONS

CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS

DRAWN: M. ELIAS	ANCHOR BLOCK DETAIL I	STANDARD DRAWING NO.
DATE: 11/3/2020		516-D
		SHEET 1 OF 1