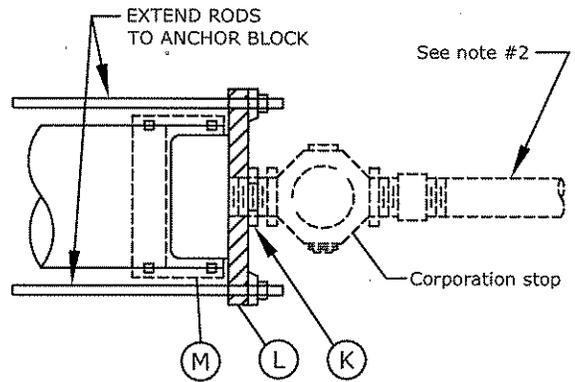
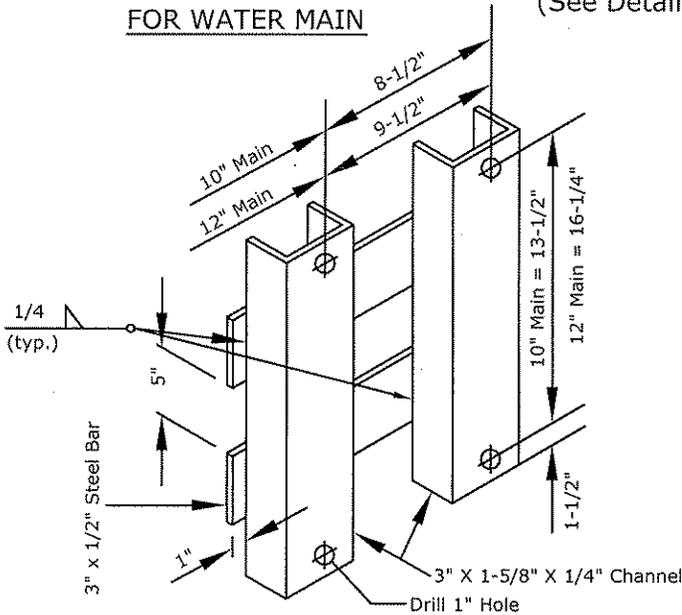


END LINE CONNECTIONS FOR WATER MAIN

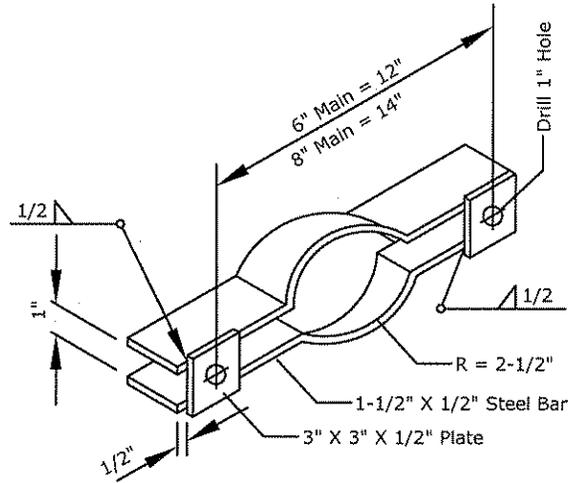
CAP RETAINING ASSEMBLY (See Detail)



END LINE CONNECTION FOR PVC & DUCTILE IRON WATER MAIN



FOR 10" & 12" MAINS



FOR 6" & 8" MAINS

CAP RETAINING ASSEMBLY DETAIL

1	FITTINGS AND PARTS: *	PVC & DUCTILE IRON END LINE CONNECTION	
		6" Ø OR SMALLER	8" Ø AND LARGER
	K. CAST IRON THREADED GALVANIZED BUSHING	2"x1" HEXAGONAL BUSHING	NOT REQUIRED
	L. MECHANICAL JOINT CAP/PLUG	MJ CAP TAPT 5-655	
	M. MECHANICAL JOINT RESTRAINT	MEGA LUG SERIES 2000 FOR PVC MEGA LUG SERIES 1100 FOR DUCTILE IRON	
* Or approved equal			

NOTES:

- All exposed steel shall be covered by two coats of mastic, 15 mil. polywrap or stainless steel.
- Blowoff, Air & Vacuum release valve or combination per respective City Standard Drawing; (738, 739 or 740).
- All flanges, holes, nuts shall be kept clear of concrete.

NOT TO SCALE

CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING NO. 706

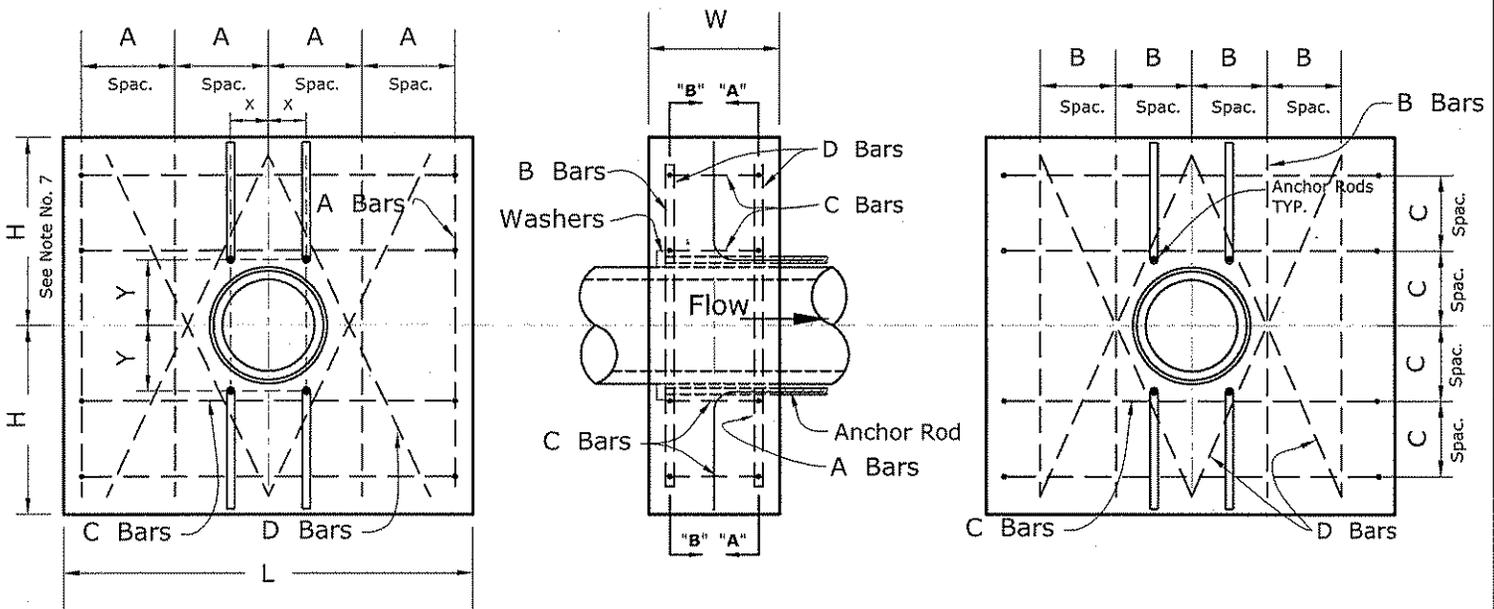
CONCRETE ANCHOR BLOCK WITH CAPPED END ASSEMBLY

DATE : 6/15/10

REVISION	DATE
1	1997
2	2001
3	2010

APPROVED BY: PUBLIC WORKS DIRECTOR / CITY ENGINEER RCE No. 40283

SHEET 1 OF 2



SECTION A - A

SIDE VIEW

SECTION B - B

NOT TO SCALE

MAIN DIAMETER		6"	8"	10"	12"	
BLOCK	Length (L)	4'-0"	4'-0"	4'-8"	5'-6"	
	Height (H)	1'-6"	1'-6"	1'-9"	2'-0"	
	Width (W)	1'-0"	1'-0"	1'-3"	1'-3"	
BAR REINFORCING STEEL	A	Size Bar No.	4	4	4	4
		Spacing	12"	11"	13"	10"
		Length	2'-8"	2'-8"	3'-2"	3'-8"
		No. of Bars	2	4	4	6
	B	Size Bar No.	4	4	5	6
		Spacing	9-3/4"	9-3/4"	11-1/4"	13"
		Length	2'-8"	2'-8"	3'-2"	3'-8"
		No. of Bars	4	4	4	4
	C	Size Bar No.	4	4	4	4
		Spacing	9"	9"	7-3/4"	8-3/4"
		Length	9'-2"	9'-2"	11'-8"	12'-8"
		No. of Bars	2	2	4	4
	D	Size Bar No.	4	4	4	4
		Spacing	12"	14"	16"	18"
		Length	3'-0"	3'-0"	3'-8"	4'-3"
		No. of Bars	8	8	8	8
ANCHOR RODS	X Distance	6"	7"	4-1/4"	4-3/4"	
	y Distance	0	0	6-3/4"	8-1/8"	
	Length (Min.)	7'-6"	7'-6"	7'-6"	7'-6"	
	No. of Rods	2	2	4	4	

NOTES:

1. Selected backfill must be tamped in place to level of anchor top or above, before pressure is applied.
2. All threads rods shall be S.A.E. 1020 Steel or equal, 3/4" diameter, with Unified National Coarse Threads.
3. Minimum cover on reinforcement is 2 inches.
4. Main shall be wrapped with two coats 15 mil. Polywrap to provide 1/2" clearance between main and anchor block.
5. Washer shall be a 3-1/2" X 3-1/2" X 3/8" Plate Washer.
6. All concrete shall be Class A.
7. Anchor Block may be used as an anchor on a terminal valve, in which case the top of the concrete shall extend to 1 inch below the valve bonnet bolts.

CITY OF MILPITAS, ENGINEERING DIVISION			STANDARD DRAWING NO. 706
REVISION	DATE	CONCRETE ANCHOR BLOCK WITH CAPPED END ASSEMBLY	
1	1997	APPROVED BY: PUBLIC WORKS DIRECTOR / CITY ENGINEER RCE No. 40283	DATE : 6/15/10
2	2001		SHEET 2 OF 2
3	2010		