ELBOW THRUST BLOCK, HORIZONTAL AND DOWNWARD THRUSTS

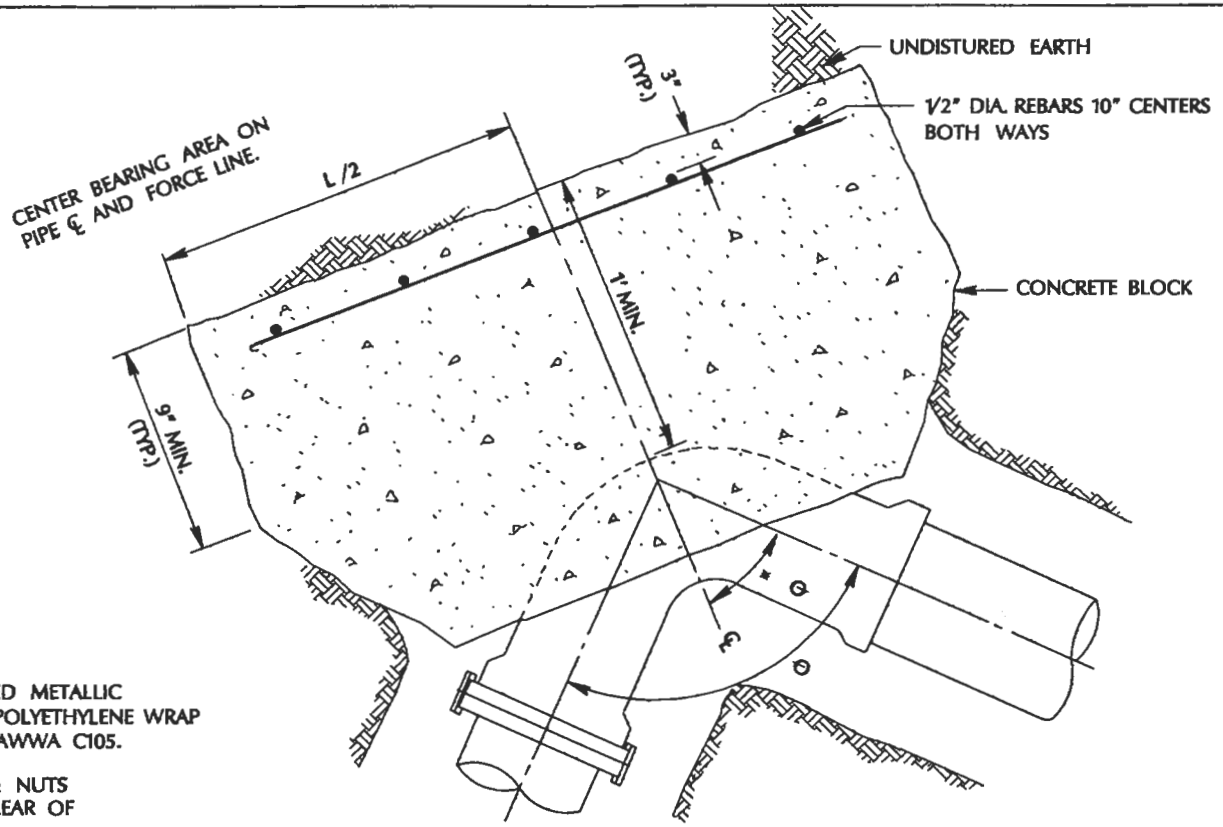
DEPARTMENT OF PUBLIC WORKS

APPROVED BY

DATE

DRAWING NO. W-7

H = HEIGHT
L = WIDTH



NOTES:

1. ENCASE ALL BURIED METALLIC SURFACES WITH POLYETHYLENE WRAP AS SPECIFIED IN AWWA C105.
2. FLANGES, BOLTS, & NUTS SHALL BE KEPT CLEAR OF CONCRETE.
3. CENTER OF H COINCIDES WITH CENTERLINE OF PIPE

PIPE	DIMENSIONS – L x H (200 PSI TEST)				DIMENSIONS – L x H (250 PSI TEST)			
SIZE	11 1/4°	22 1/2°	45°	90°	11 1/4°	22 1/2°	45°	90°
6"	1'0" x 1'0"	1'5" x 1'5"	1'9" x 1'9"	2'3" x 2'3"	1'3" x 1'0"	1'8" x 1'8"	2'0" x 2'0"	2'6" x 2'6"
8"	1'0" x 1'0"	1'5" x 1'5"	2'0" x 2'0"	2'10" x 2'10"	1'3" x 1'0"	1'8" x 1'8"	2'3" x 2'3"	3'0" x 3'0"
10"	1'5" x 1'5"	2'0" x 2'0"	2'8" x 2'8"	3'5" x 3'5"	1'8" x 1'8"	2'3" x 2'3"	3'0" x 3'0"	3'10" x 3'10"
12"	1'9" x 1'9"	2'3" x 2'3"	3'0" x 3'0"	4'2" x 4'2"	2'0" x 2'0"	2'6" x 2'6"	4'0" x 3'0"	5'0" x 4'0"
14"	1'9" x 1'9"	2'8" x 2'8"	3'6" x 3'6"	4'10" x 4'10"	2'0" x 2'0"	3'0" x 3'0"	4'0" x 4'0"	6'0" x 5'0"
16"	2'0" x 2'0"	2'10" x 2'10"	4'0" x 4'0"	5'5" x 5'5"	2'6" x 2'0"	3'0" x 3'0"	5'0" x 4'0"	6'0" x 6'0"
18"	3'0" x 3'0"	4'0" x 4'0"	5'0" x 5'0"	6'6" x 6'6"	3'9" x 3'0"	5'0" x 4'0"	7'6" x 4'0"	8'0" x 6'0"