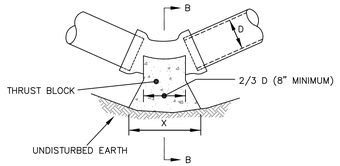
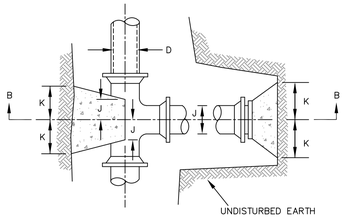
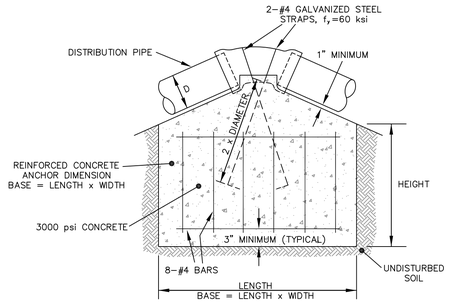


PLAN

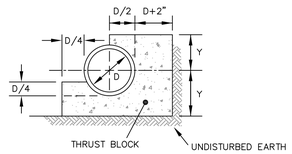


PLAN

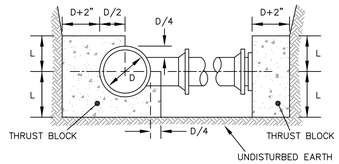


TYPICAL CONCRETE ANCHOR
NOT TO SCALE

BEND		45°			22½°
PIPE DIAMETER (D) IN INCHES		12	8	6	12
VOLUME OF CONCRETE REQUIRED (CF)		157	74	43	81
TYPICAL DIMENSIONS IN FEET	LENGTH	6.33	5	4	5.25
	WIDTH	6.33	5	4	5.25
	HEIGHT	4	3	3	3



SECTION A-A



SECTION B-B

1. ALL CONCRETE SHALL BE 3000 psi @ 28 DAYS.
2. DIMENSIONS SHOWN ARE MINIMUM AND ARE BASED UPON SOIL PRESSURE OF 2000 psf AND STATIC WATER PRESSURE OF 200 psi.
3. THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED EARTH.

TABLE OF DIMENSIONS																				
DIMENSION	90° BEND					45° BEND					22½° BEND					11¼° BEND				
D (in)	6	8	10	12	16	6	8	10	12	16	6	8	10	12	16	6	8	10	12	16
X (in)	26	37	42	54	70	18	26	34	38	51	21	19	24	28	38	9	14	16	20	28
Y (in)	15	18	24	26	35	12	14	16	20	26	10	10	12	14	18	6	7	9	10	12

WATER MAIN BEND CONCRETE THRUST BLOCK DETAIL
NOT TO SCALE

1. ALL CONCRETE SHALL BE 3000 psi @ 28 DAYS.
2. DIMENSIONS SHOWN ARE MINIMUM AND ARE BASED UPON SOIL PRESSURE OF 2000 psf AND STATIC WATER PRESSURE OF 200 psi.
3. THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED EARTH.

TABLE OF DIMENSIONS					
B (in)	6	8	10	12	16
J (in)	6	7	9	10	12
K (in)	12	15	20	24	30
L (in)	12	16	18	22	30

WATER MAIN TEE / PLUG CONCRETE THRUST BLOCK
NOT TO SCALE

City of Meriden
Department of Public Works

Water Main Standards

Engineering Division
City Hall **Room 19**
Meriden, Connecticut

DATE: 02/22/2013
DESIGN:
DRAWN: BBD
SCALE: NONE
DWG. WMS2
SHEET 2
OF 2