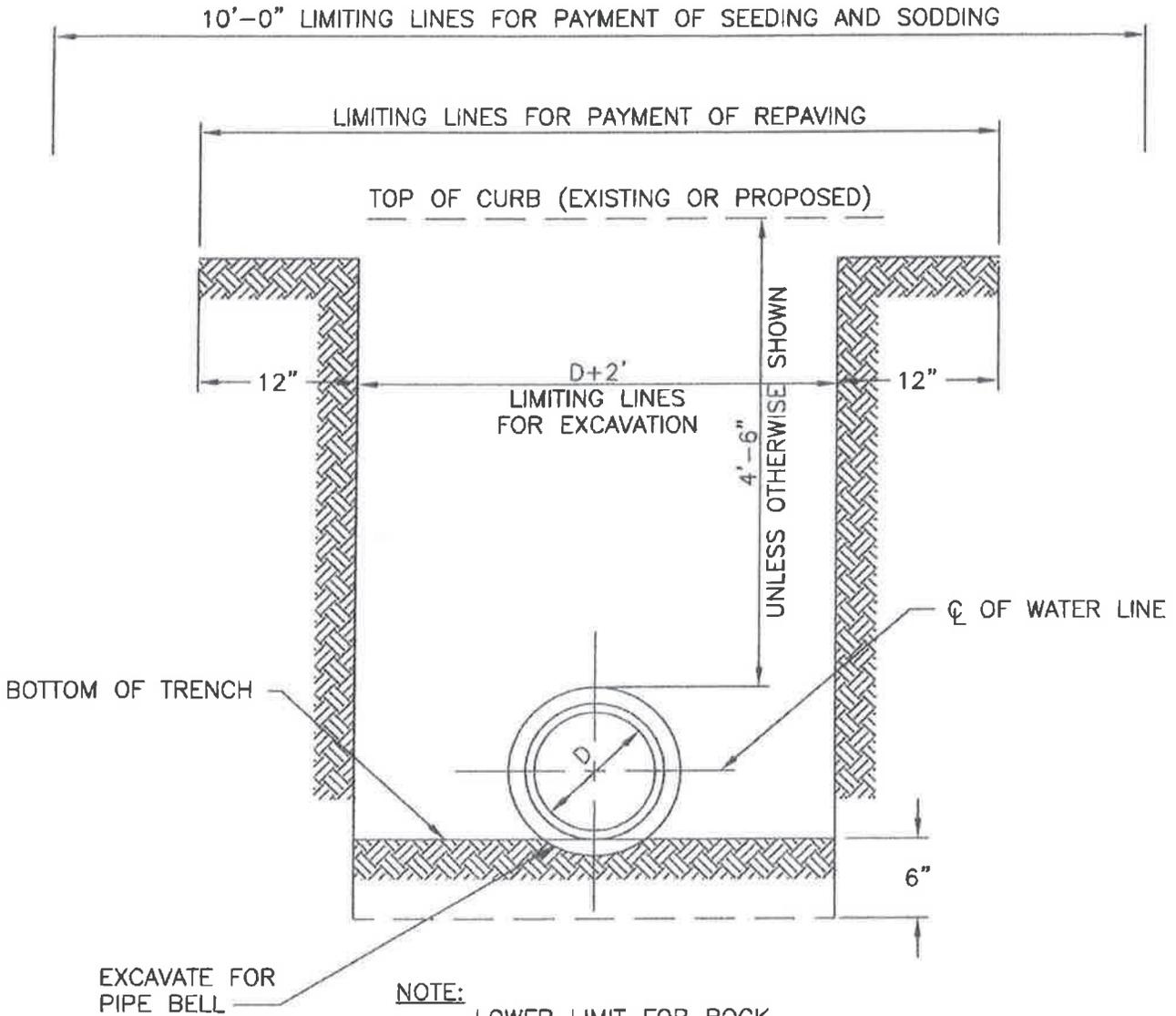


City of Lancaster Division of Water

Standard Construction Drawings

**225 North Memorial Drive
Lancaster, Ohio 43130
(740) 687-6631
www.ci.lancaster.oh.us**

Revised August 2013



APPROVED 9-18-14
Brad Fogell
 CITY ENGINEER

REVISED: 3/2/07

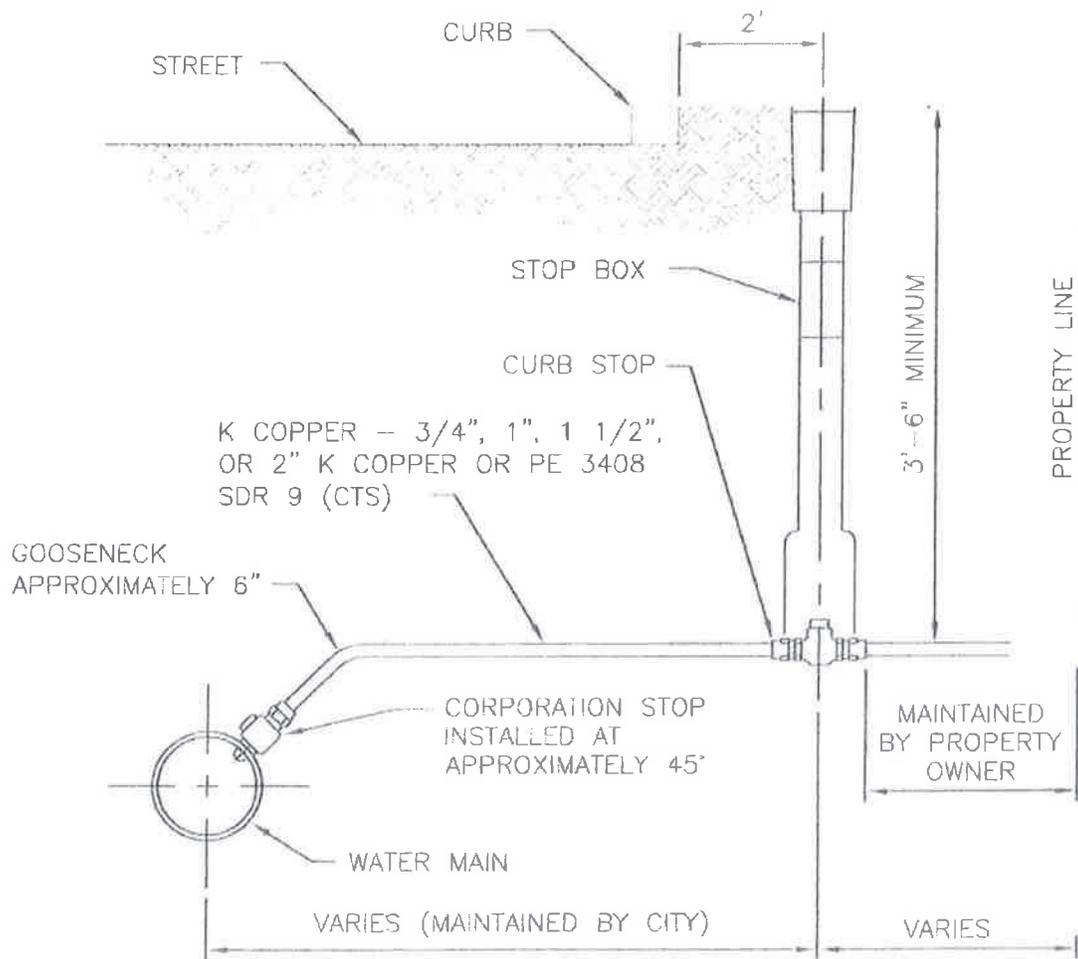
TYPICAL TRENCH FOR WATER LINES

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

DWG. BY: ...MAC...
 CHK'D BY:

FILE NUMBER
 W-1



NOTES:

1 1/2", 1", & 3/4" SERVICE LINES SHALL BE TYPE K COPPER.

2" SERVICE LINES SHALL BE K COPPER OR P.E. 3408 SDR 9 (CTS).

3/4", 1", 1 1/2", & 2" FITTINGS SHALL BE FLARE TYPE OR COMPRESSION PACK JOINT FITTINGS (NO SOLDER FITTINGS)

TAPPING INTO MAIN LINE WILL BE TAPERED THREAD TO FLARED CORPORATION. MUELLER TYPE H-1500 TAP MADE BY MUELLER B-100, B-101, OR A-3 PRESSURE TAPPING MACHINE OR EQUAL.

CORPORATIONS TAPPED INTO WATER MAIN MUST HAVE A MINIMUM OF 24" SEPARATION BETWEEN CORPORATION STOPS.

APPROVED 9-18-14
Brad Fayell
 CITY ENGINEER
 REVISED: 1/2/09

STANDARD WATER SERVICE

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING
 STANDARD CONSTRUCTION DRAWING
 DWG. BY: ...MAC... FILE NUMBER
 CHK'D BY: W-2

PROPOSED PAVEMENT

EXISTING GROUND LINE

EXISTING GROUND LINE

R/W

12" MIN.

3'-6" MINIMUM

RELOCATE EXISTING SERVICE BOX

CURB STOP

WATER LINE SHALL BE LAID WITH MINIMUM OF 42" COVER

VARIES

CUT EXISTING WATER SERVICE PIPE AND RECONNECT WITH ADAPTER AS REQUIRED

APPROVED 9-18-14
Brad Fayell
CITY ENGINEER

REVISED: 3/5/07

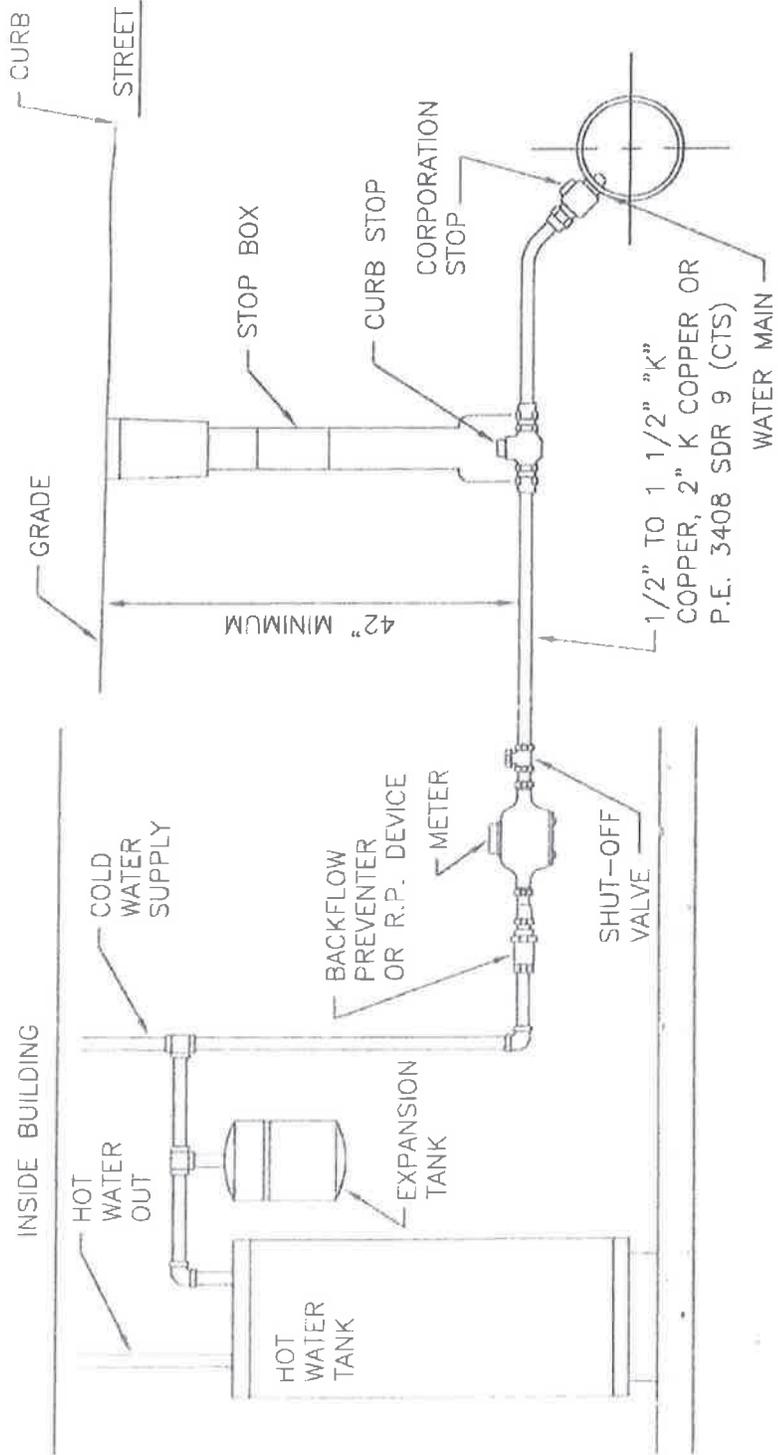
WATER SERVICE
EXTENSION AND CURB
BOX RELOCATION

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD
CONSTRUCTION DRAWING

DWG. BY: ...MAC...
CHK'D BY:

FILE NUMBER
W-3



APPROVED 9-18-14

Brad Fogell
CITY ENGINEER

REVISED: 8/15/13

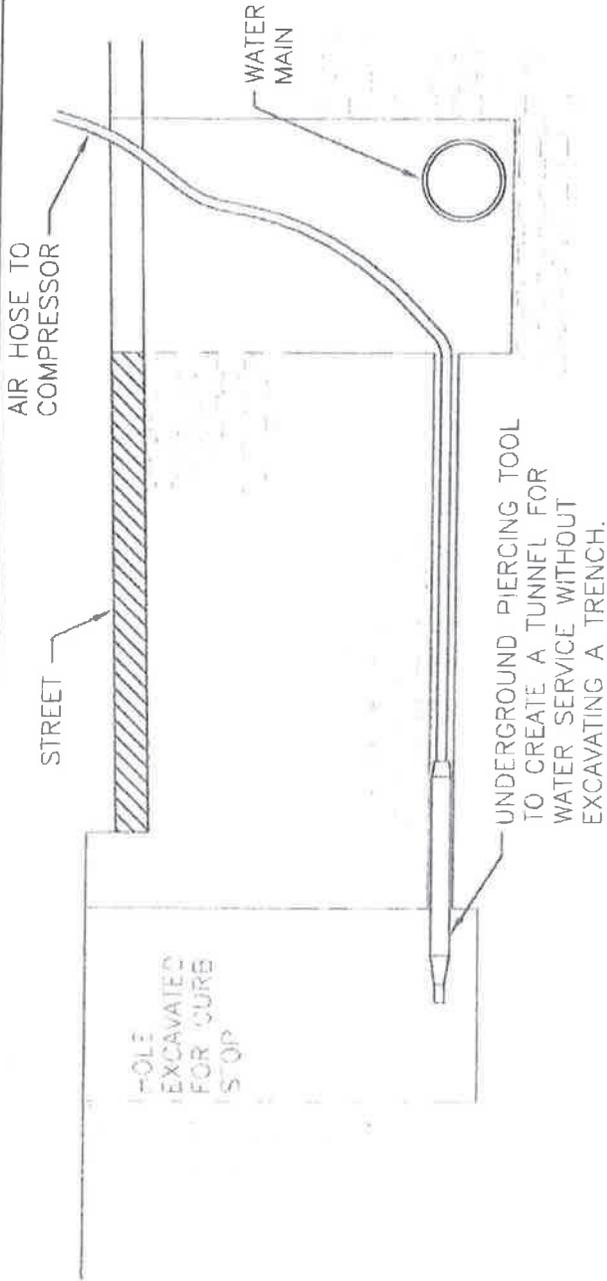
TYPICAL WATER SERVICE
1/2" TO 2"

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

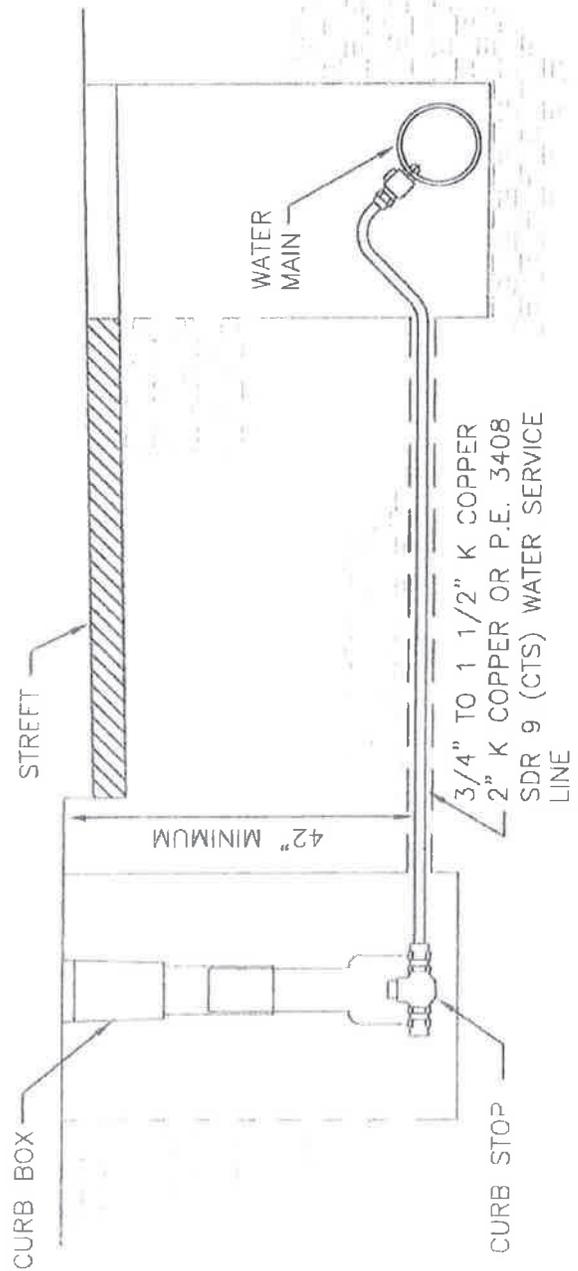
STANDARD
CONSTRUCTION DRAWING

OWG. BY: MAC
CHK'D BY:

FILE NUMBER
W-4



TYPICAL UNDERGROUND SERVICE LINE TUNNEL



TYPICAL UNDERGROUND SERVICE LINE

APPROVED 9-18-14
Brad Fagrell
CITY ENGINEER

REVISED: 8/15/13

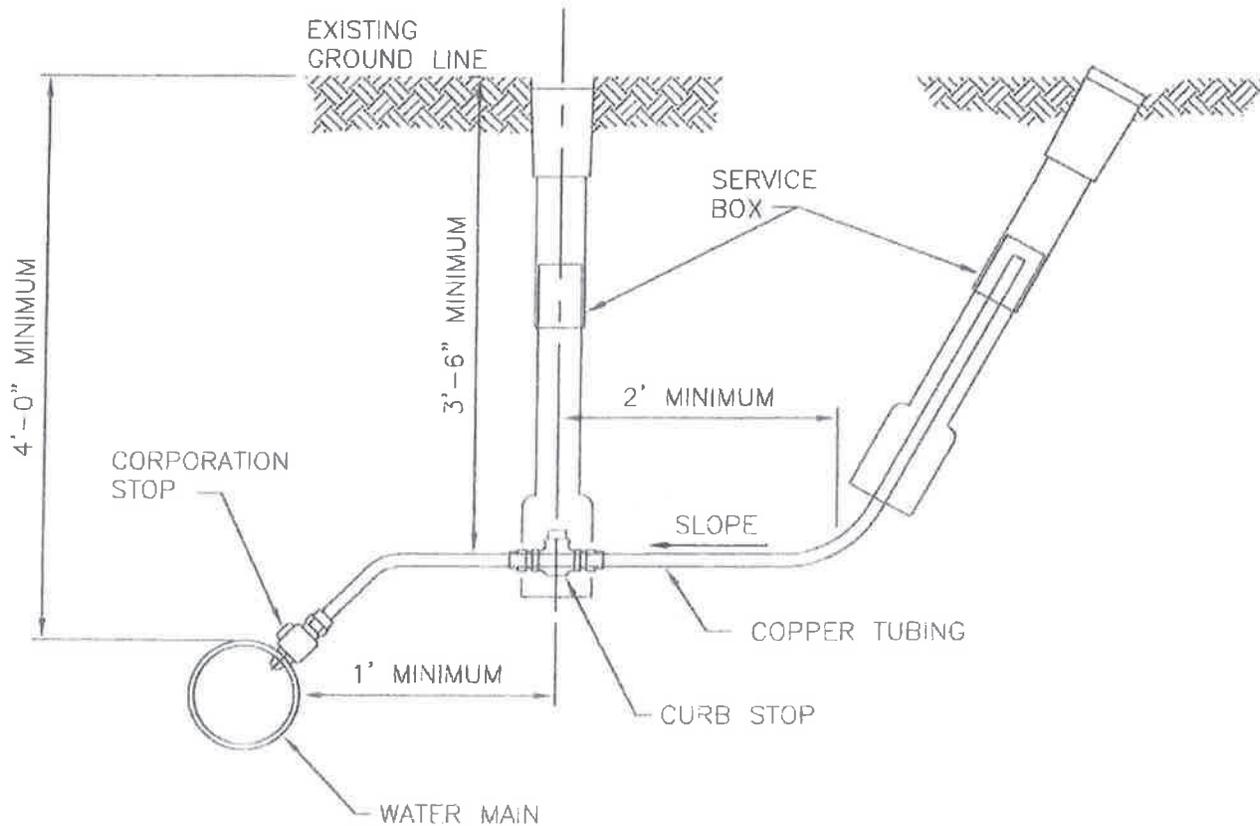
TYPICAL UNDERGROUND SERVICE LINE TUNNEL AND TYPICAL UNDERGROUND SERVICE LINE

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD CONSTRUCTION DRAWING

DWG. BY: ...MAC...
CHK'D BY:

FILE NUMBER
W-5



NOTE:

TYPICAL AIR RELEASE WILL BE 3/4" OR 1" TYPE K COPPER

APPROVED

9-18-14

Brad Fogell
CITY ENGINEER

REVISED: 8/15/13

TYPICAL AIR RELEASE
3/4" OR 1"

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

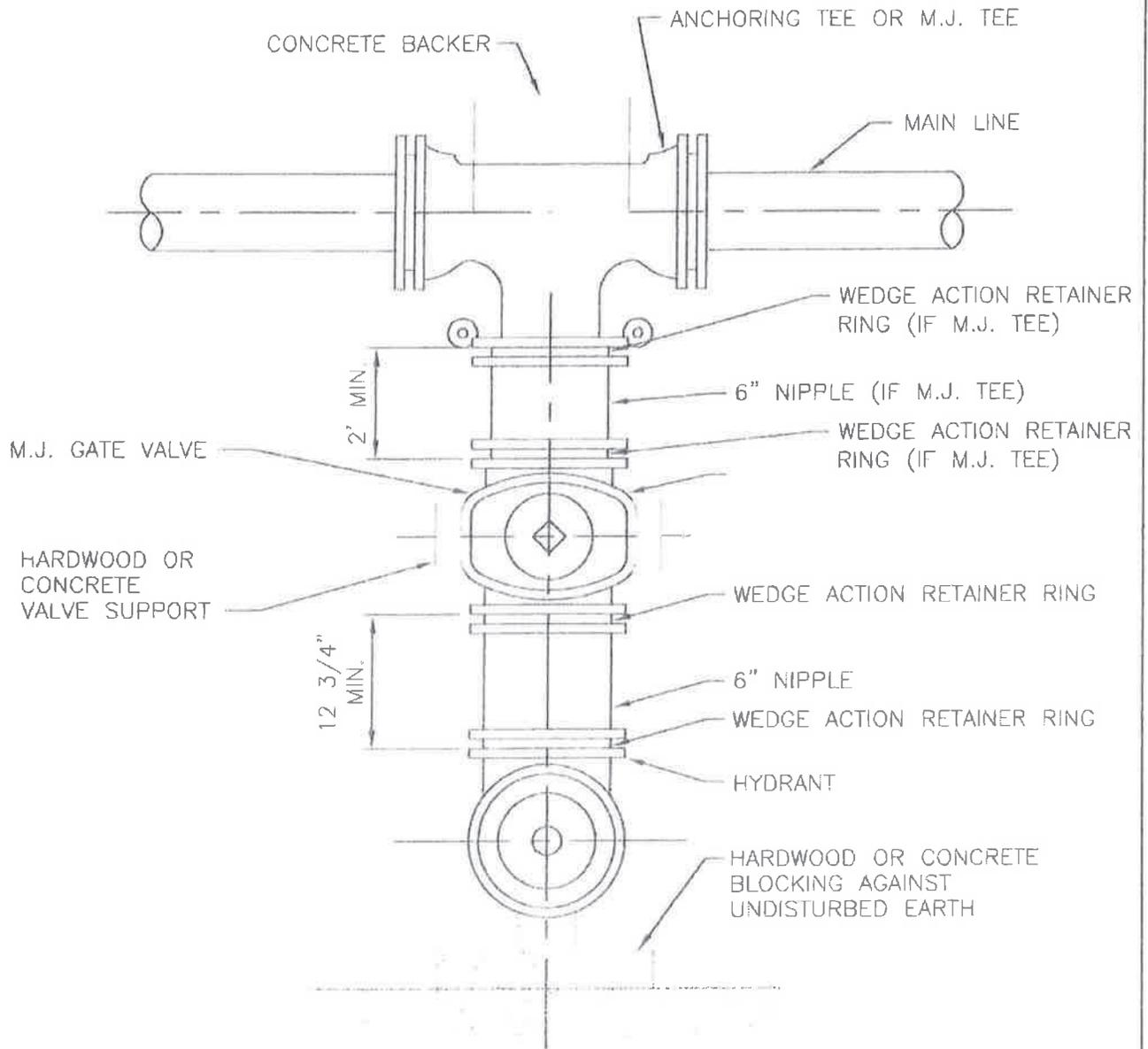
STANDARD
CONSTRUCTION DRAWING

DWG. BY: ...MAC....

CHK'D BY:

FILE NUMBER

W-6



NOTES:

DRAIN ROCK AROUND AND ABOVE HYDRANT DRAIN SHALL BE NO. 57 WASHED STONE OR GRAVEL. PLACE MIRAFI 140N OR EQUAL BETWEEN DRAIN ROCK AND FILL.

FIRE HYDRANTS TO BE SET 2'-6" BACK OF CURB AND 6' FROM EDGE OF ROAD.

STEAMER NOZZLE SHALL FACE THE STREET UNLESS OTHERWISE SPECIFIED.

APPROVED 9-18-14

Brad Fayell
CITY ENGINEER

REVISED: 8/15/13

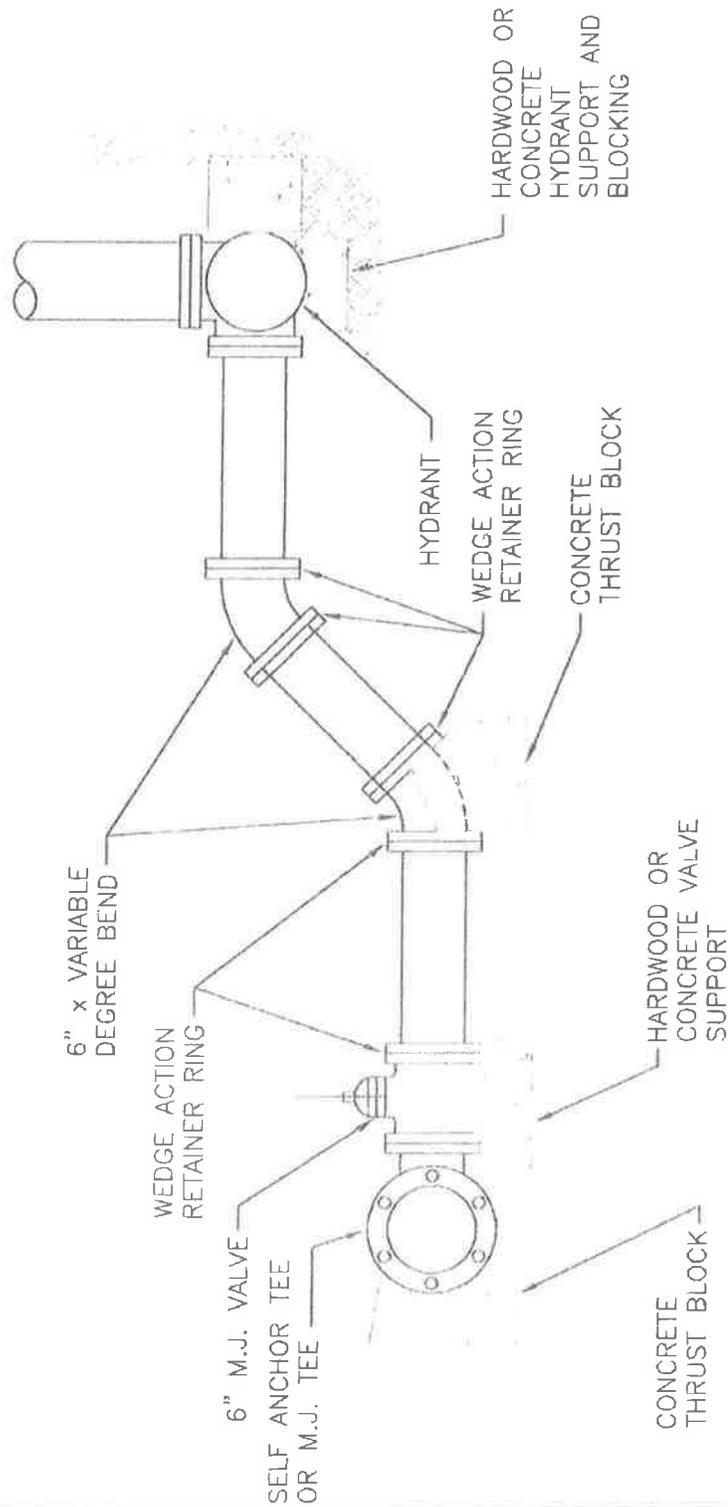
TYPICAL HYDRANT
SETTING TYPE "A"

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD
CONSTRUCTION DRAWING

DWG. BY: MAC
CHK'D BY:

FILE NUMBER
W-7



NOTES:
 HARDWOOD OR CONCRETE THRUST BLOCK AGAINST
 UNDISTURBED EARTH AS APPROVED BY INSPECTOR.

APPROVED 9-18-14

Brad Fagell
 CITY ENGINEER

REVISED: 8/15/13

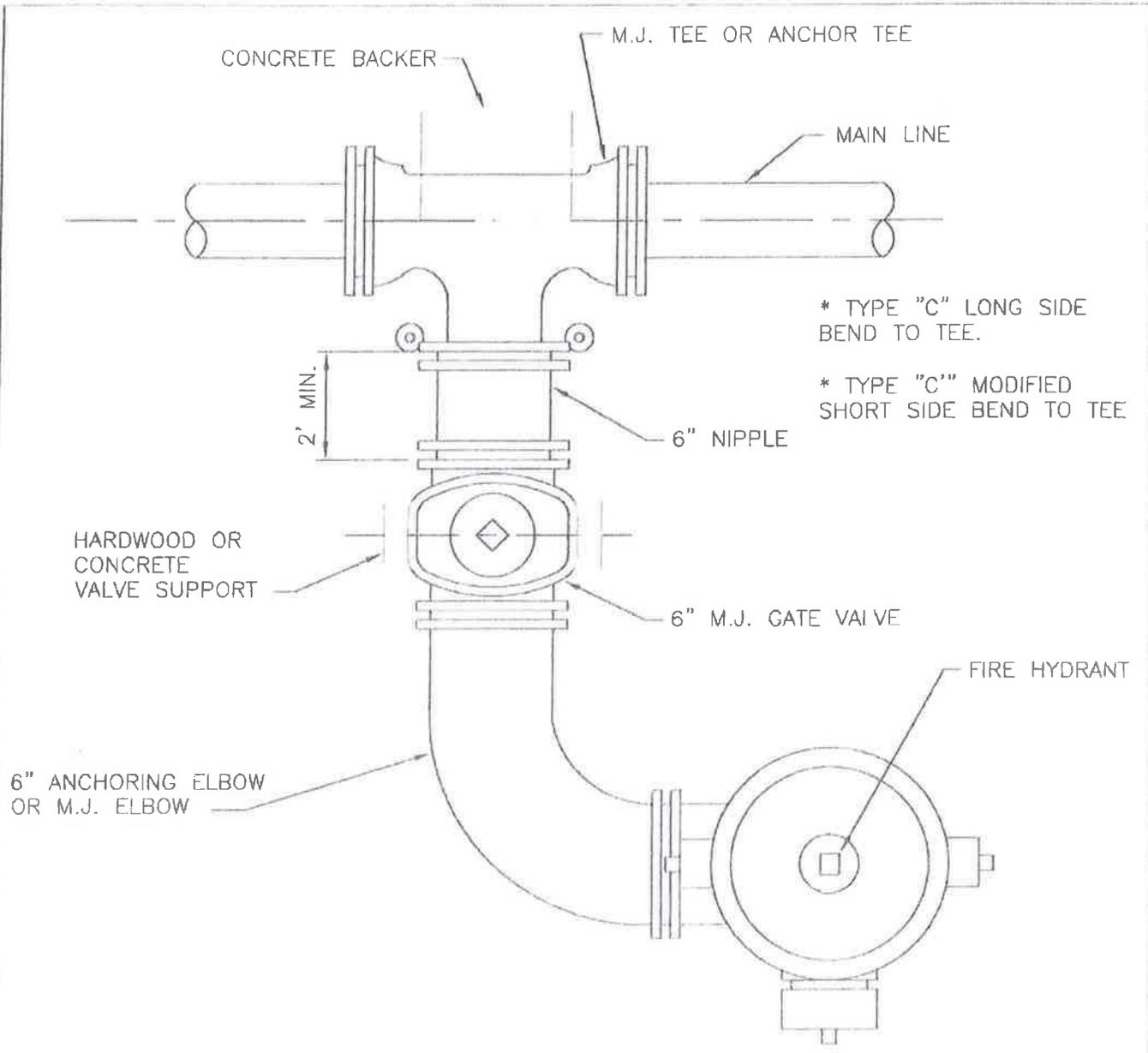
TYPICAL HYDRANT
 SETTING TYPE "A"
 MODIFIED

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

DWG. BY: MAC
 CHK'D BY:

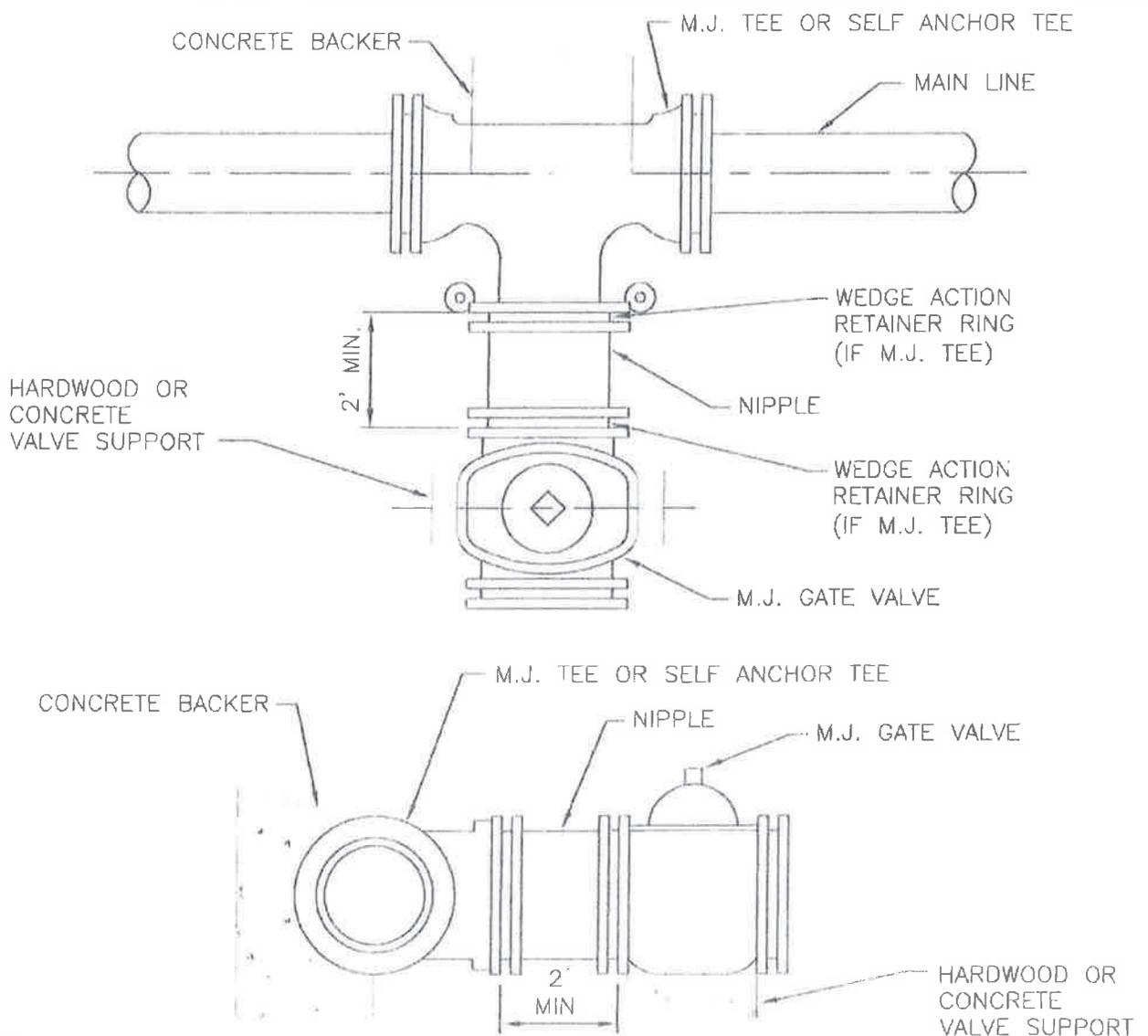
FILE NUMBER
W-8



* TYPE "C" LONG SIDE BEND TO TEE.
 * TYPE "C" MODIFIED SHORT SIDE BEND TO TEE

NOTES:
 DRAIN ROCK AROUND AND ABOVE HYDRANT DRAIN SHALL BE NO. 57 WASHED STONE OR GRAVEL. PLACE MIRAFI 140N OR EQUAL BETWEEN DRAIN ROCK AND FILL.
 STEAMER NOZZLE SHALL FACE THE STREET UNLESS OTHERWISE SPECIFIED
 * TO BE USED ONLY IF TYPE "A" IS NOT APPLICABLE.

APPROVED 9-18-14	TYPICAL HYDRANT SETTING TYPE "C" AND TYPE "C" MODIFIED	CITY OF LANCASTER, OHIO DEPARTMENT OF ENGINEERING	
<i>Brad Fagell</i> CITY ENGINEER		STANDARD CONSTRUCTION DRAWING	
REVISED: 8/15/13		DWG. BY: ...MAC... CHK'D BY:	FILE NUMBER W-9



NOTES:

BACKING DESIGNED FOR 3000 PSF SOIL BEARING.

CONCRETE TO BE PLACED AGAINST UNDISTURBED EARTH.

PROVIDE CLEARANCE FOR REMOVAL OF BOLTS.

4" VALVES OR LARGER WILL BE APPROXIMATELY 2' OFF MAIN LINE.

TEES WILL BE VALVED.

ANY CHANGES IN THIS VALVE SETTING MUST BE APPROVED BY THE LANCASTER DIVISION OF WATER DEPARTMENT.

APPROVED

9-18-14

Brad Fogwell
CITY ENGINEER

REVISED: 8/15/13

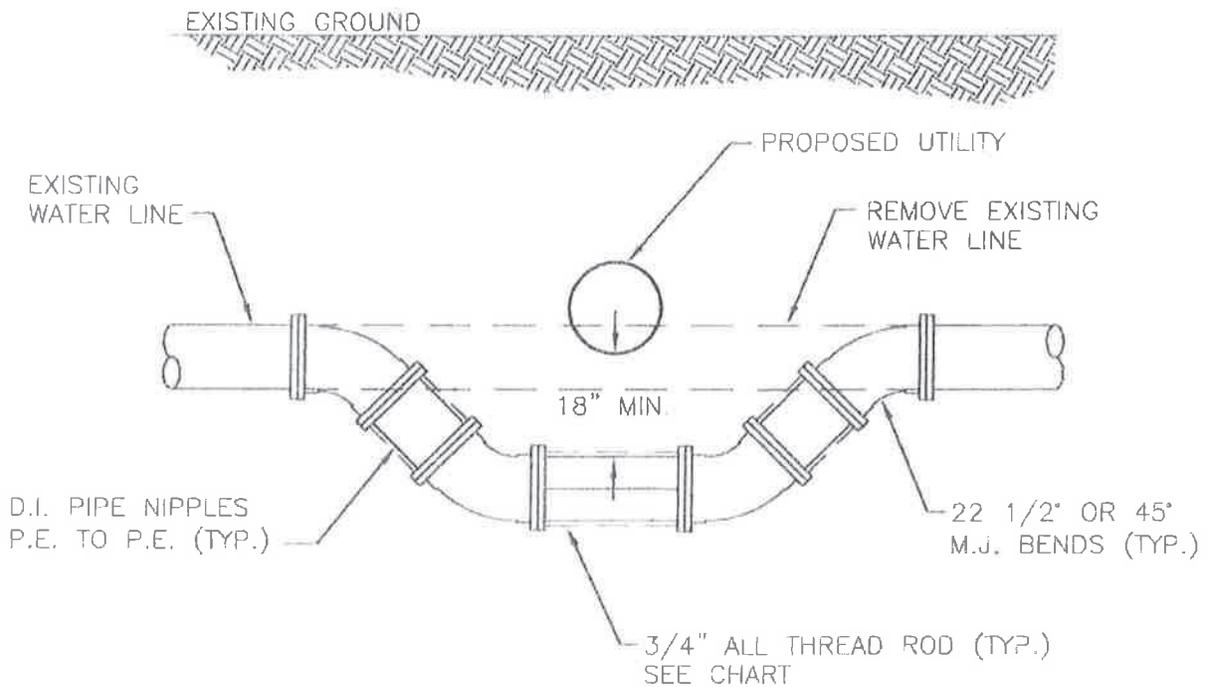
TYPICAL 4" OR LARGER
TEE AND VALVE SETTING
AND BACKING FOR TEES

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD
CONSTRUCTION DRAWING

DWG. BY: ...MAC...
CHK'D BY:

FILE NUMBER
W-10



PIPE DIAMETER	NO. OF RODS
4" & 6"	2
8"	3
10" & UP	4

NOTES:

TIME AND DURATION OF SHUTDOWN SHALL BE DETERMINED BY THE LANCASTER DIVISION OF WATER DISTRIBUTION MANAGER.

THE CONTRACTOR SHALL NOTIFY ALL WATER CUSTOMERS AFFECTED BY THE PROPOSED WORK AT LEAST 24 HOURS IN ADVANCE OF SHUTDOWN.

ALL BENDS SHALL BE SECURED BY WEDGE ACTION RETAINER RINGS, RODDING OR OTHER METHODS AS APPROVED BY THE INSPECTOR TO RESTORE THE MAIN TO SERVICE AS SOON AS POSSIBLE.

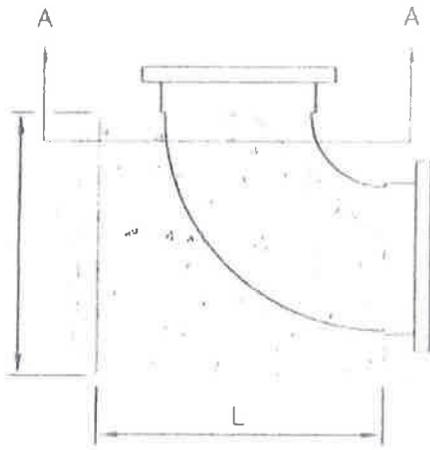
THE RELOCATED LINES SHALL BE LAID TO THE NEW LINE AND GRADE, TESTED, AND DISINFECTED PRIOR TO SHUTDOWN OF EXISTING MAIN AND CONNECTION OF THE RELOCATED LINES TO THE EXISTING MAIN.

ALL WATER LINES SHALL BE DISINFECTED BY SWABBING WITH A 5 PERCENT HYPOCHLORITE SOLUTION IN ACCORDANCE WITH APPLICABLE SECTIONS OF A.W.W.A. C-601.

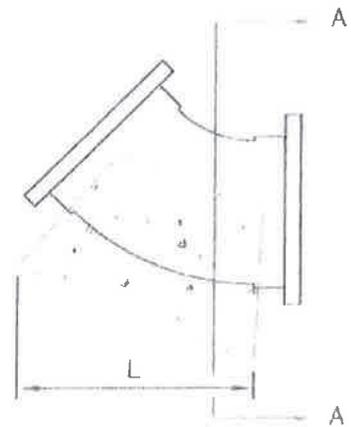
APPROVED <u>9-18-14</u>	TYPICAL WATER LINE LOWERING	CITY OF LANCASTER, OHIO DEPARTMENT OF ENGINEERING	
<i>Brad Fogell</i> CITY ENGINEER		STANDARD CONSTRUCTION DRAWING	
REVISED <u>8/15/13</u>		DWG. BY: <u>MAC</u> CHK'D BY:	FILE NUMBER <u>W-11</u>

SIZE OF PIPE	DEGREE OF BEND											
	11 1/4°			22 1/2°			45°			90°		
	L"	D"	Vcf	L"	D"	Vcf	L"	D"	Vcf	L"	D"	Vcf
3"	4	3	0.1	6	4	0.2	10	4	0.3	10	4	0.3
4"	5	4	0.2	9	5	0.4	14	5	0.6	14	5	0.6
6"	8	6	0.5	12	7	0.7	20	8	1.4	18	9	1.7
8"	9	8	0.7	16	9	1.4	24	12	2.7	25	11	4.0
12"	14	12	1.8	24	14	3.6	36	18	6.8	32	18	10.7
16"	18	16	3.4	32	18	6.7	36	32	13.4	41	26	25.4
20"	25	20	6.4	30	30	11.5	49	36	20.5	50	32	46.5
24"	27	24	9.0	39	34	18.4	60	42	35.0	58	40	77.7

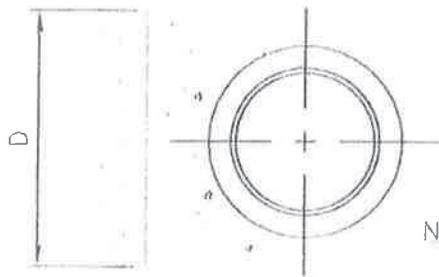
STEEL WILL BE USED AS REQUIRED BY ENGINEER



90° BENDS



BENDS LESS THAN 90°



SECTION A-A

NOTES:

BACKING DESIGNED FOR 3000 PSF SOIL BEARING.

CONCRETE TO BE PLACED AGAINST UNDISTURBED EARTH

APPROVED 9-18-14

Brad Fogell
CITY ENGINEER

REVISED: 8/15/13

BACKING FOR BENDS

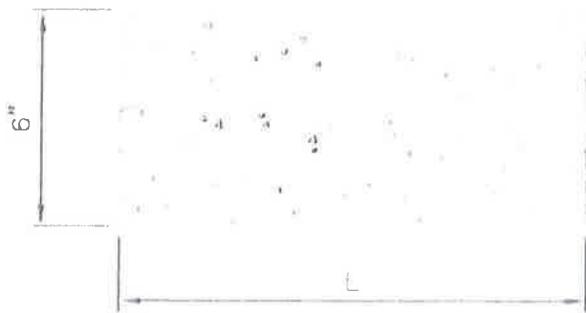
CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD
CONSTRUCTION DRAWING

DWG. BY: ...MAC...
CHK'D BY:

FILE NUMBER
W-12

	SIZE OF VALVE	SIZE OF VALVE	VOLUME CU-FT
VALVES	3"	15"	0.31
	4"	16"	0.33
	6"	17"	0.36
	8"	20"	0.42
	12"	24"	0.50
BUTTERFLY VALVES	16"	30"	0.63
	20"	36"	0.75
	24"	42"	0.88
	30"	48"	1.00



APPROVED 9-18-14

Brad Fogwell
CITY ENGINEER

REVISED: 8/15/13

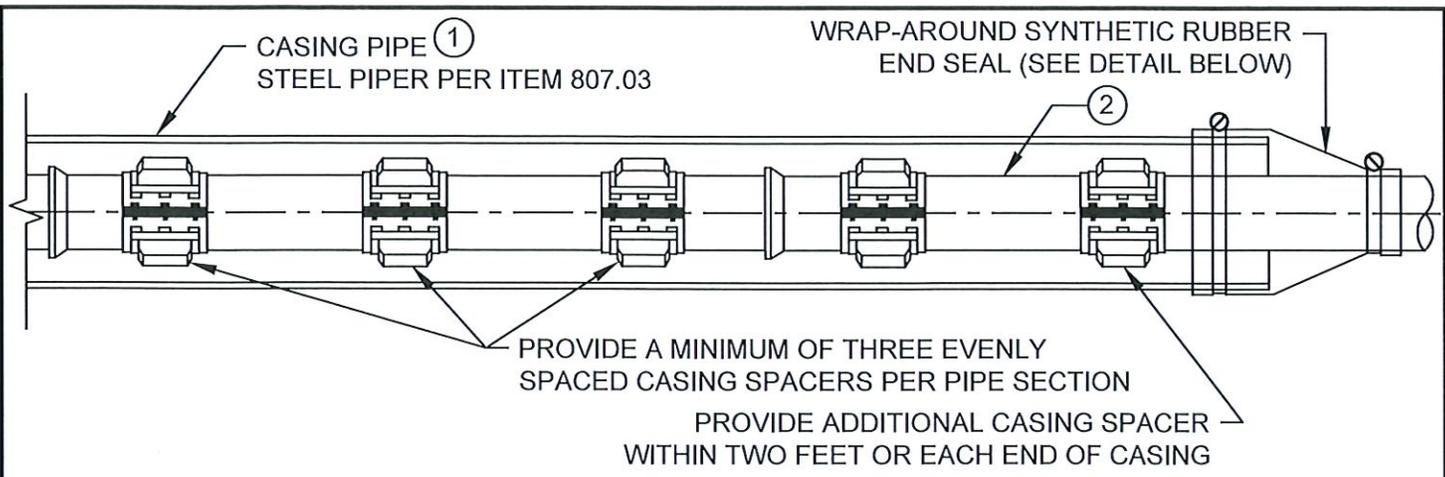
CONCRETE VALVE
SUPPORT

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD
CONSTRUCTION DRAWING

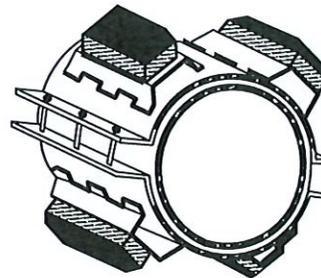
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FILE NUMBER
W-13

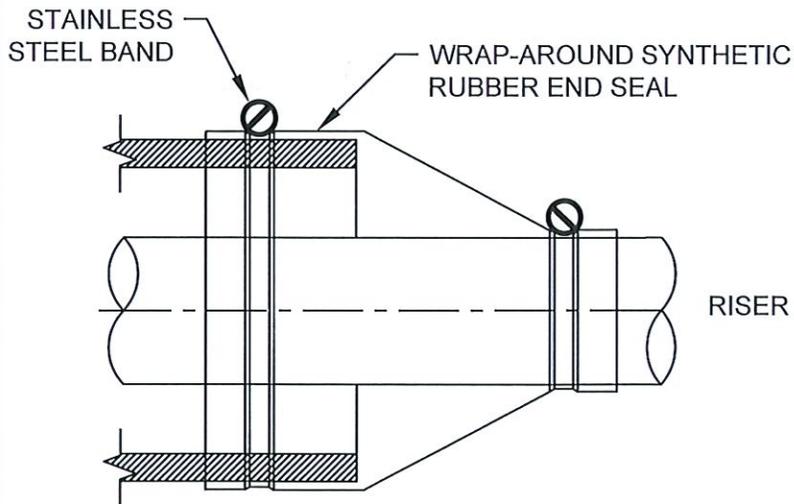


SIZE WATER MAIN	MAX. BELL O.D.	MIN. SMOOTH STEEL CASING PIPE REQ'D.
6"	10.19"	16"
8"	13.19"	18"
12"	17.25"	24"
16"	22.38"	30"
20"	27.25"	36"
24"	31.56"	42"
30"	38.75"	48"
36"	45.00"	54"
42"	51.25"	60"
48"	58.00"	66"
54"	65.63"	72"
60"	72.38"	84"

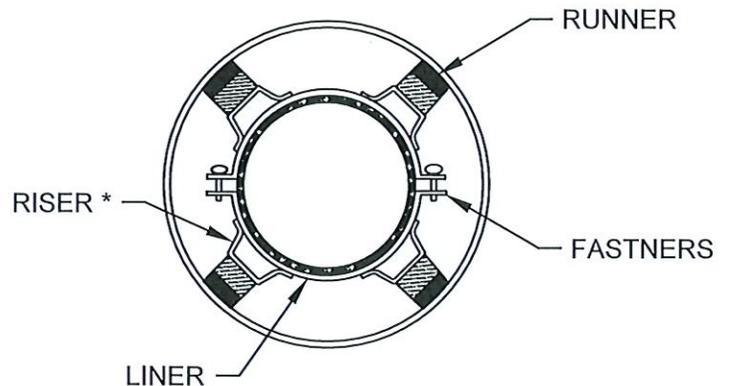
- ① CASING PIPE SIZE BASED ON TYPICAL BELL O.D. OF D.I. RESTRAINED JOINT PIPE MANUFACTURED.
- ② RESTRAINED JOINT DUCTILE IRON PIPE PER DIVISION OF WATER APPROVED MATERIALS LIST.



* NUMBER OF RUNNERS/RISERS PER MANUFACTURER'S STANDARD.

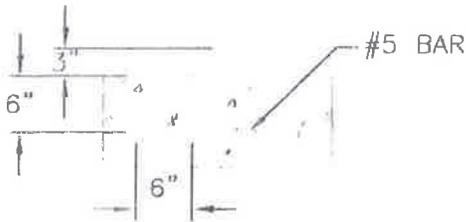
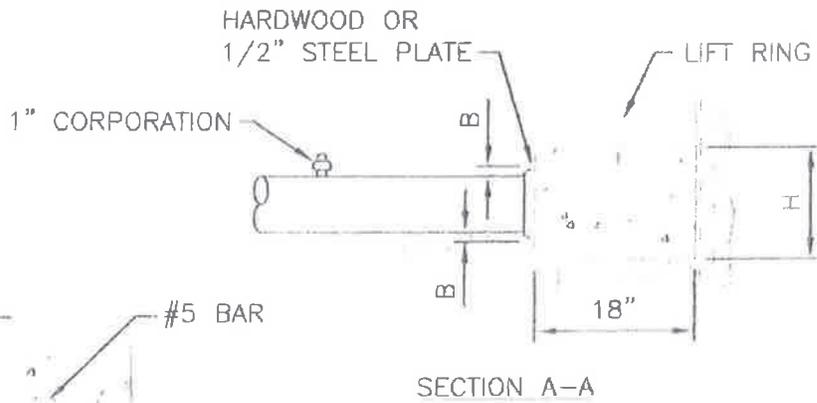
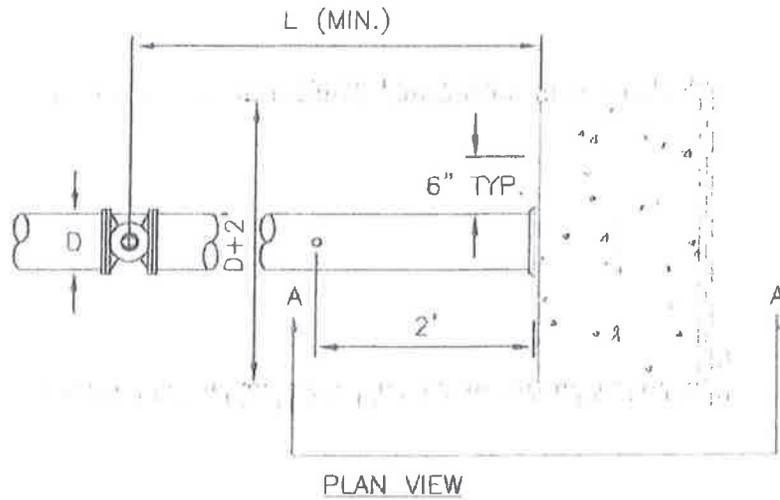


END SEAL



CENTERED AND
RESTRAINED CASING SPACE

DATE: 12/17/2025	STANDARD CONSTRUCTION DRAWING	
	CASING PIPE, SPACERS AND END SEALS	12/19/25
		W-14



PIPE DIA.	H	B	L
6"	8"	1"	10'
8"	10"	1"	10'
12"	18"	3"	18'

NOTES:

BACKING DESIGNED FOR 4000 PSF SOIL BEARING

END OF PIPE CAPPED OR PLUGGED.

GREASE STEEL PLATE WHERE IN CONTACT WITH CONCRETE BACKER.

PLACE CONCRETE AGAINST UNDISTURBED SOIL.

THOROUGHLY COMPACT BACKFILL BETWEEN VALVE AND END OF PIPE.

APPROVED 9-18-14
Brad Fogell
 CITY ENGINEER
 REVISED: 3/7/07

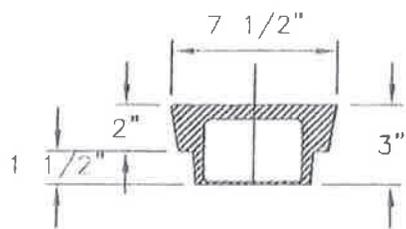
END OF PIPE THRUST
 BLOCK DETAIL

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

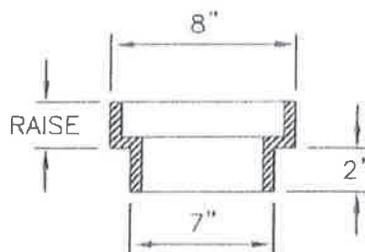
STANDARD
 CONSTRUCTION DRAWING

DWG. BY: ...MAC...
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FILE NUMBER
W-15



VALVE BOX LID

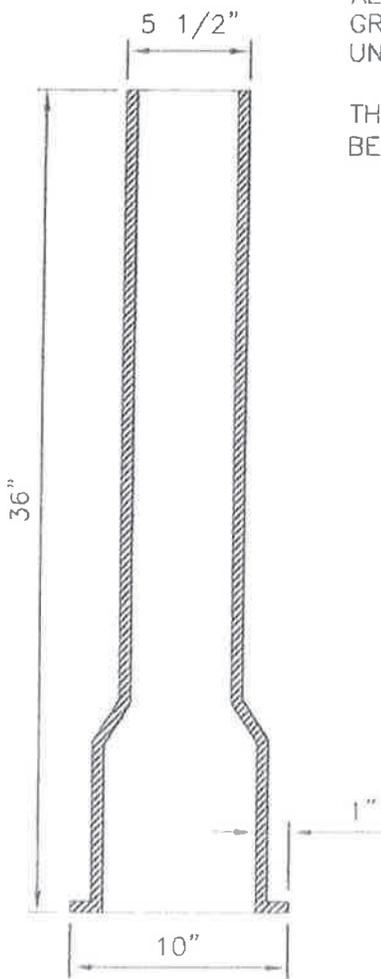


VALVE BOX RISER

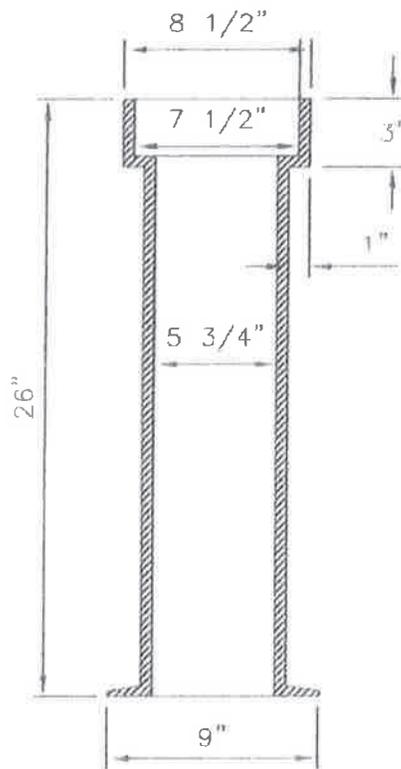
NOTES:

ALL VALVE BOXES SHALL BE CLOSE GRAINED, TOUGH GREY IRON FREE FROM ALL DEFECTS AND SHALL BE UNIFORM IN SHAPE AND DIMENSION.

THE "RAISE" DIMENSION FOR VALVE BOX RISERS SHALL BE 1", 2", 3", OR 4" SIZES.



VALVE BOTTOM BOX



VALVE BOX TOP

APPROVED

9-18-14

Brad Fagrell
CITY ENGINEER

REVISED: 8/15/13

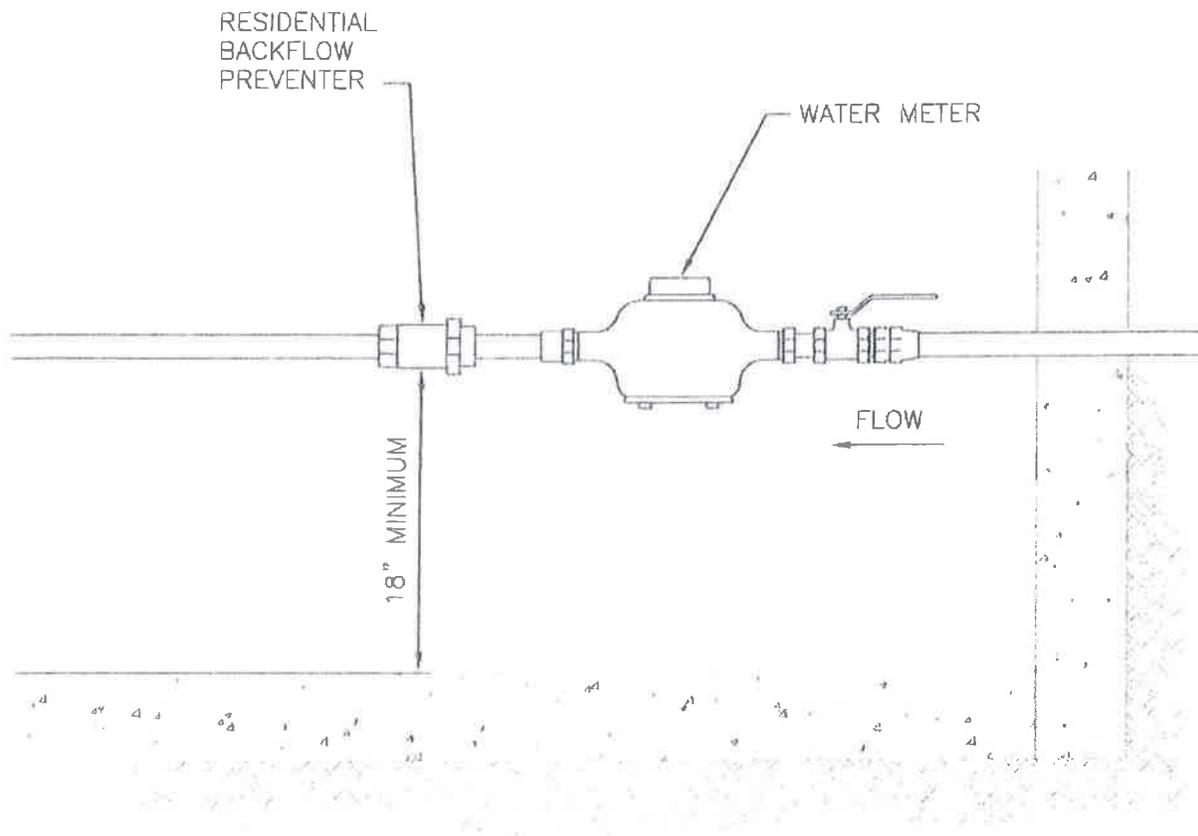
STANDARD SLIDE TYPE
WATER VALVE BOX

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD
CONSTRUCTION DRAWING

DWG. BY: MAC
CHK'D BY:

FILE NUMBER
W-16



NOTE:

IF ANY QUESTIONS CONTACT C.C. CONTROL METER REPRESENTATIVE OR WATER DISTRIBUTION MANAGER AT LANCASTER DIVISION OF WATER.

APPROVED 9-18-14
Brad Fayell
 CITY ENGINEER
 REVISED: 8/15/13

STANDARD RESIDENTIAL
 METER SET & BACKFLOW
 PREVENTER

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

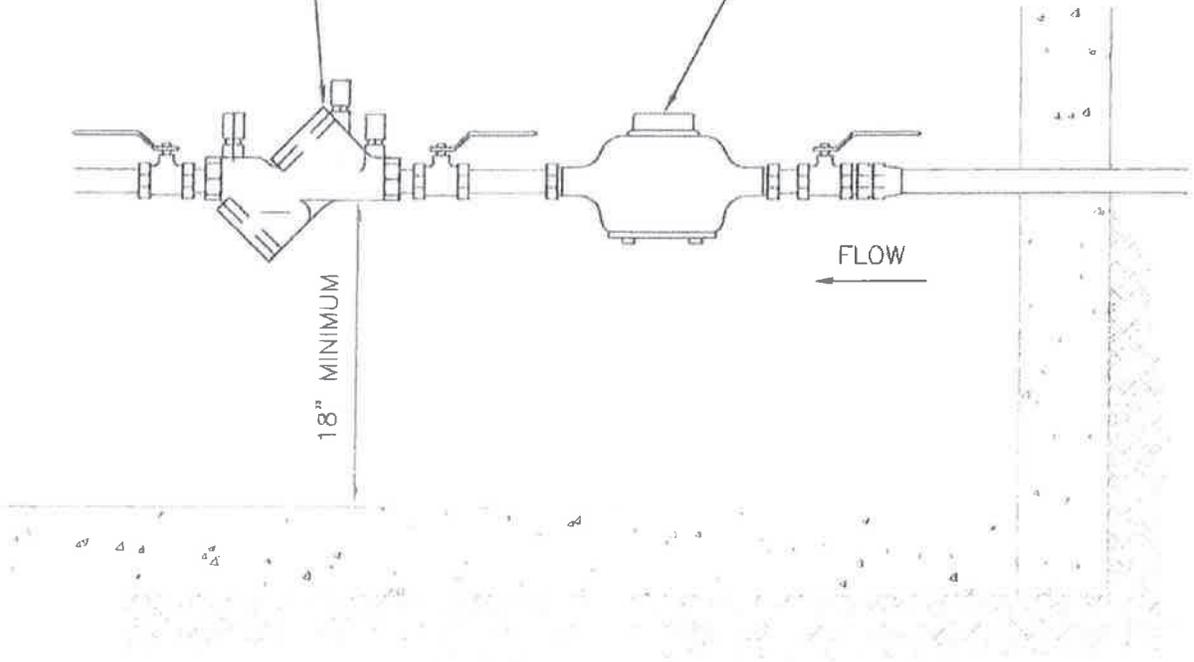
STANDARD
 CONSTRUCTION DRAWING

DWG. BY: MAC
 CHK'D BY:

FILE NUMBER
W-17

STANDARD METER/MEDIUM
HAZARD BACKFLOW
PREVENTER SET

WATER METER



NOTE:

IF ANY QUESTIONS CONTACT C.C. CONTROL METER REPRESENTATIVE OR
WATER DISTRIBUTION MANAGER AT LANCASTER DIVISION OF WATER.

APPROVED 9-18-14

Brad Fagell
CITY ENGINEER

REVISED: 8/15/13

STANDARD METER/MEDIUM
HAZARD BACKFLOW
PREVENTER SET

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

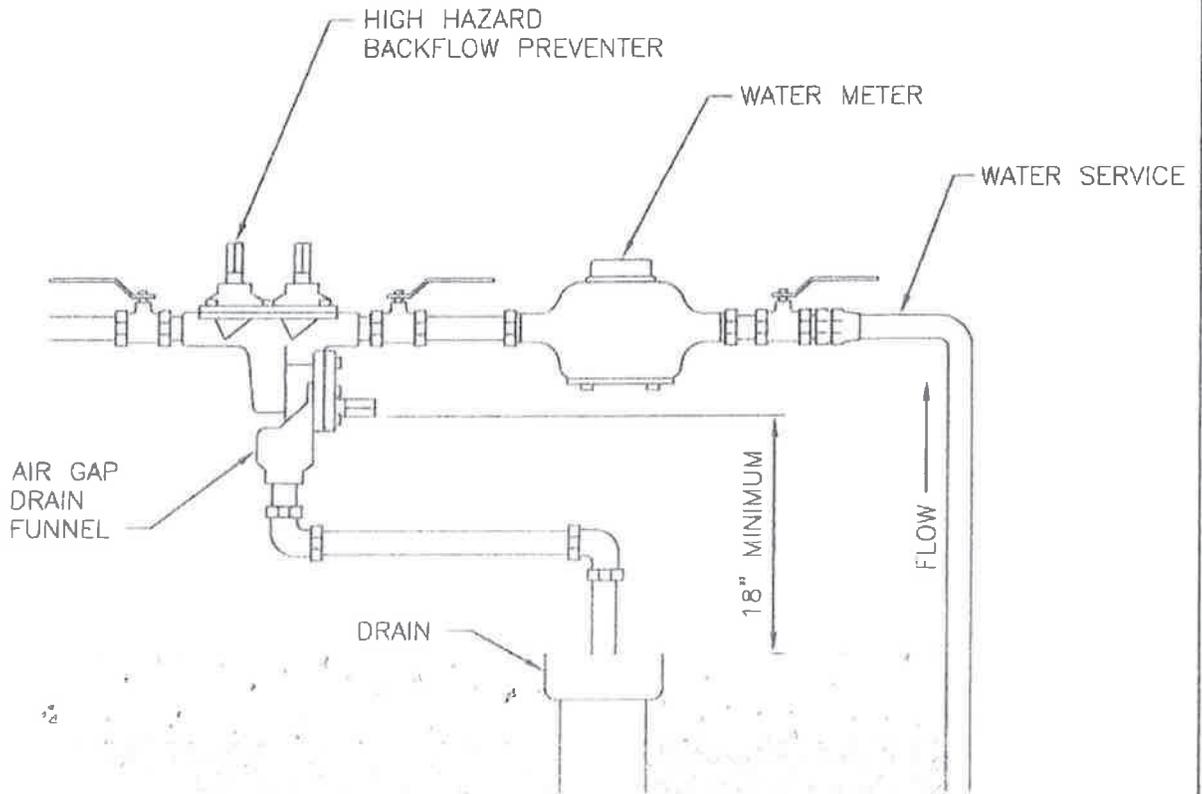
STANDARD
CONSTRUCTION DRAWING

DWG. BY: MAC

CHK'D BY:

FILE NUMBER

W-18



NOTES:

WHERE IT IS ESSENTIAL TO PROVIDE UNINTERRUPTED WATER SERVICE, INSTALLATION OF TWO FRP DEVICES IN A BATTERY (PARALLEL) SETTING IS RECOMMENDED.

IF OPTIONAL AIR GAP DRAIN FUNNEL IS NOT INSTALLED, AN AIR GAP MUST BE PROVIDED BETWEEN THE OUTLET OF THE RELIEF VALVE AND ANY PIPING TO A DRAIN.

IF ANY QUESTIONS CONTACT C.C. CONTROL METER REPRESENTATIVE OR WATER DISTRIBUTION MANAGER AT LANCASTER DIVISION OF WATER.

APPROVED 9-18-14

Brad Fogell
CITY ENGINEER

REVISED: 8/15/13

COLD WEATHER
INDOOR/ABOVE
GROUND INSTALLATION
OF HIGH HAZARD
BACKFLOW PREVENTER
AND METER SET

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

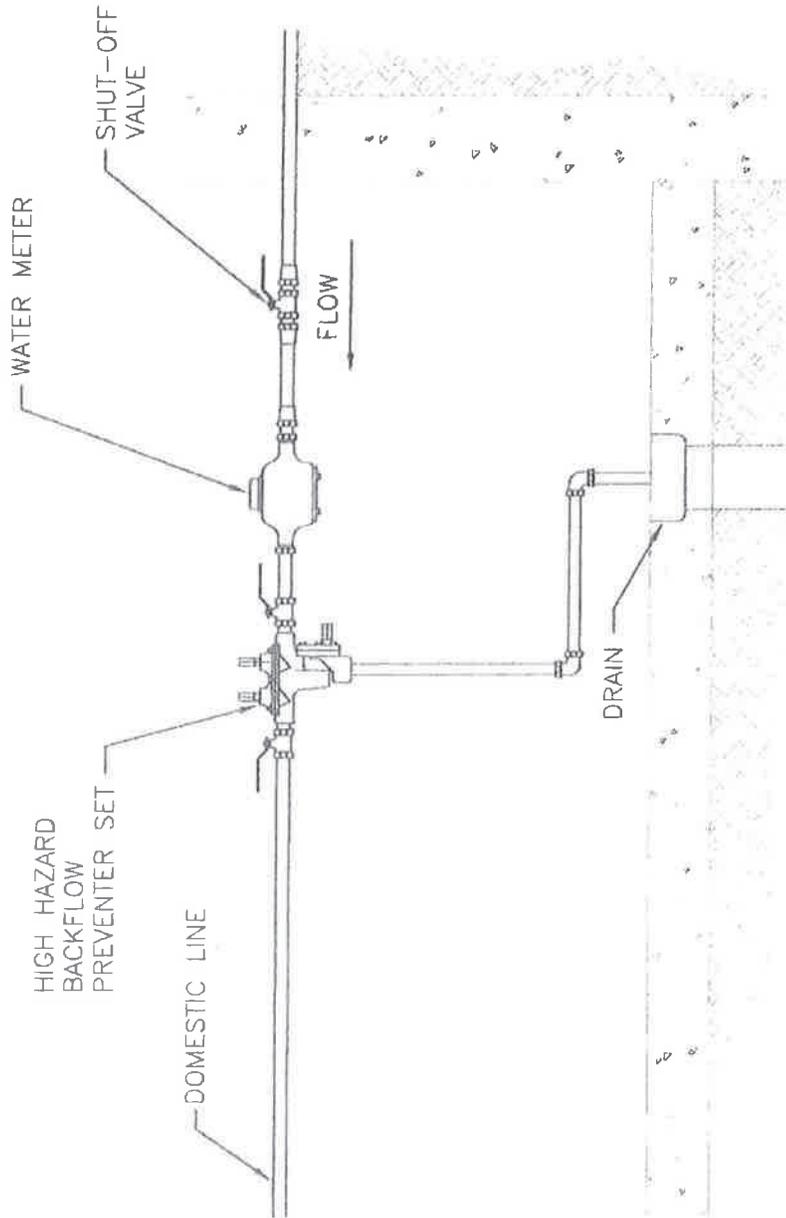
STANDARD
CONSTRUCTION DRAWING

DWG. BY: ...MAC...

FILE NUMBER

CHK'D BY:

W-19



NOTE:

IF ANY QUESTIONS CONTACT C.C. CONTROL METER REPRESENTATIVE OR WATER DISTRIBUTION MANAGER AT LANCASTER DIVISION OF WATER.

APPROVED 9-18-14

Brad Fagrell
CITY ENGINEER

REVISED: 8/15/13

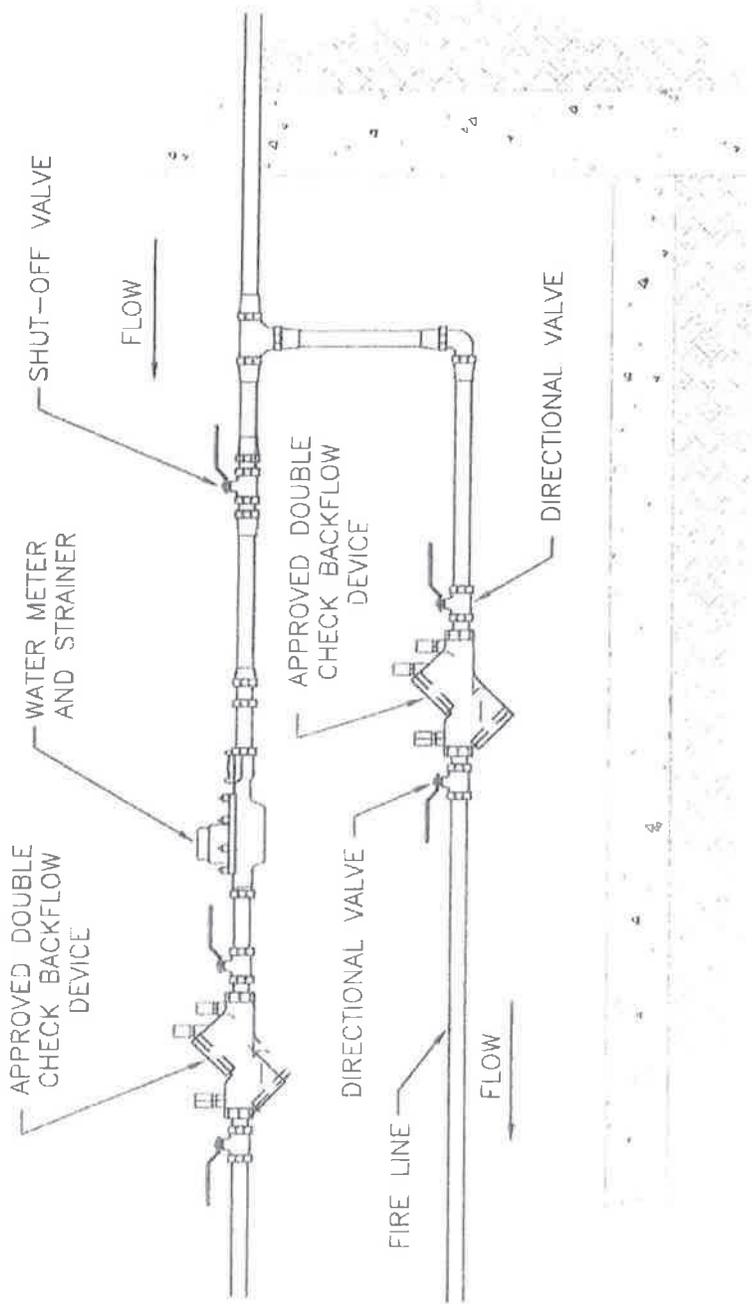
TYPICAL DOMESTIC
WATER SERVICE WITH
HIGH HAZARD
BACKFLOW PREVENTER
SET FOR IRRIGATION
LINE

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD
CONSTRUCTION DRAWING

DWG. BY: MAC
CHK'D BY:

FILE NUMBER
W-20



NOTES:
 IF ANY QUESTIONS CONTACT C.C. CONTROL METER REPRESENTATIVE OR
 WATER DISTRIBUTION MANAGER AT LANCASTER DIVISION OF WATER.
 DIRECTIONAL VALVE HANDLES SHALL BE REMOVED OR CHAINED AND
 LOCKED.

APPROVED 9-18-14
Brad Fogwell
 CITY ENGINEER
 REVISED: 8/15/13

STANDARD MEDIUM
 HAZARD "Y"
 STRAINER/
 METER/BACKFLOW
 PREVENTER SET WITH
 FIRE LINE

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING
 STANDARD
 CONSTRUCTION DRAWING
 DWG. BY: ...MAC... FILE NUMBER
 CHK'D BY: W-21

APPROVED DOUBLE CHECK BACKFLOW
DEVICE OR APPROVED REDUCED
PRESSURE BACKFLOW DEVICE

DIRECTIONAL VALVE

DIRECTIONAL VALVE

FIRE LINE

APPROVED REDUCED
PRESSURE BACKFLOW
DEVICE

WATER METER
AND STRAINER

DOMESTIC LINE

FLOW

DRAIN

AIR GAP
DRAIN
FUNNEL

MIN

1/8"

NOTES:

IF ANY QUESTIONS CONTACT C.C. CONTROL METER REPRESENTATIVE OR
WATER DISTRIBUTION MANAGER AT LANCASTER DIVISION OF WATER.

DIRECTIONAL VALVE HANDLES SHALL BE REMOVED OR CHAINED AND
LOCKED.

APPROVED **9-18-14**

Brad Fayell
CITY ENGINEER

REVISED: 8/15/13

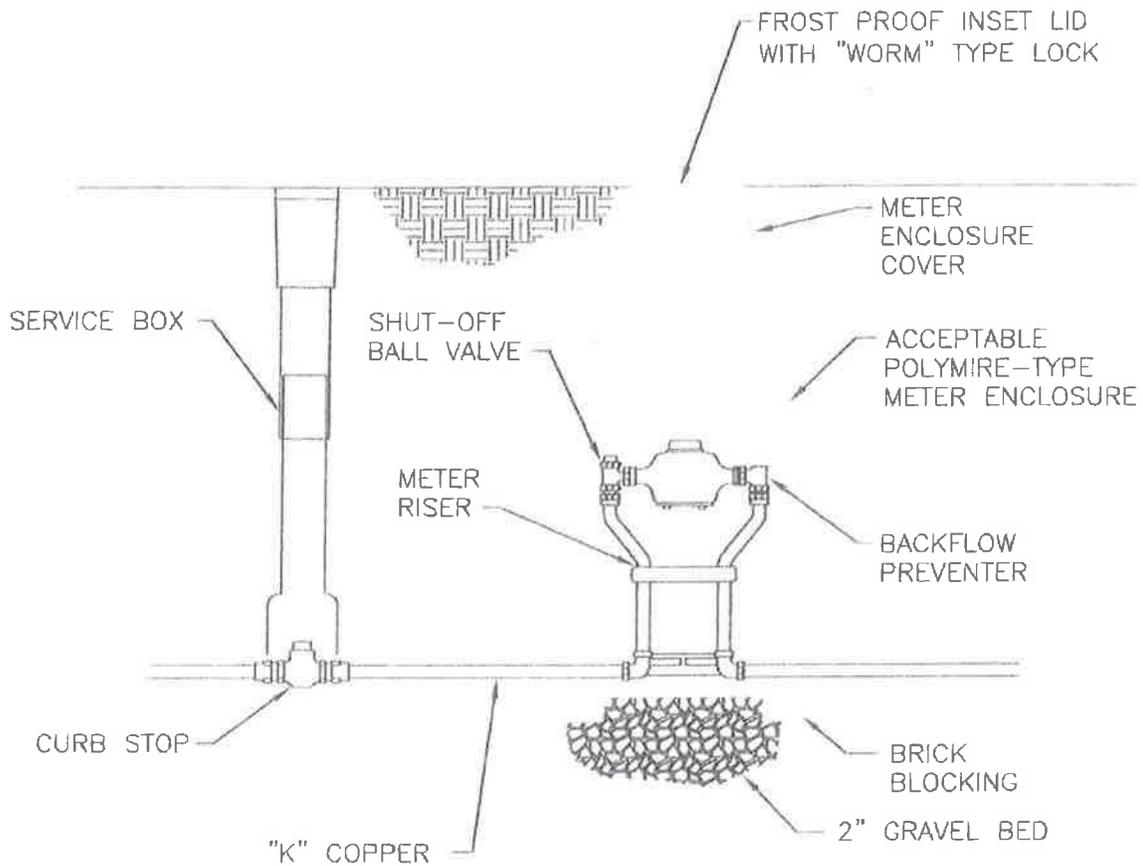
STANDARD HIGH
HAZARD "Y"
STRAINER/
METER/BACKFLOW
PREVENTER SET WITH
FIRE LINE

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD
CONSTRUCTION DRAWING

DWG. BY: MAC
CHK'D BY:

FILE NUMBER
W-22



NOTES

CURB STOP AND METER SET TO BE INSTALLED WITHIN A MINIMAL DISTANCE TO PROPERTY LINE AS APPROVED BY LANCASTER DIVISION OF WATER.

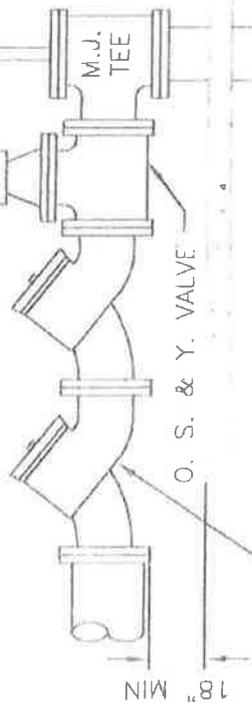
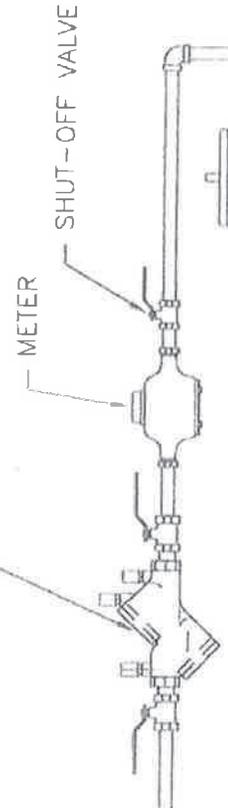
METER TO BE SET AT RIGHT ANGLES TO RIGHT-OF-WAY AND MUST BE LEVEL AND CENTERED WITH YOLK VALVES UPRIGHT.

METER ENCLOSURE DIAMETER SHALL BE 18" FOR 5/8", 3/4", AND 1" METERS

METER ENCLOSURE COVER TO BE FORD METER BOX CO. NUMBER W-3 OR AN APPROVED EQUAL WITH AN 11 1/2" OPENING.

APPROVED <u>9-18-14</u> <i>Brad Fagell</i> CITY ENGINEER	STANDARD OUTSIDE METER SET FOR 5/8", 3/4", AND 1" METERS/BACKFLOW PREVENTERS	CITY OF LANCASTER, OHIO DEPARTMENT OF ENGINEERING	
REVISED: 8/15/13		STANDARD CONSTRUCTION DRAWING	
		DWG. BY: ...MAC... CHK'D BY:	FILE NUMBER W-23

APPROVED DOUBLE CHECK BACKFLOW
 DEVICE OR APPROVED REDUCED
 PRESSURE BACKFLOW DEVICE



DOUBLE CHECK BACKFLOW
 PREVENTER MODEL 1048
 WITH DETECTOR CHECK OR
 REDUCE PRESSURE
 BACKFLOW DEVICE MODEL
 1047 WITH DETECTOR CHECK

GRADE

42" COVER-MINIMUM

ROADWAY
 VALVE
 BOX

SHUT-OFF
 VALVE

WATER
 MAIN

90° M.J.
 BEND

FIRE LINE

CONCRETE THRUST BLOCK

NOTES:

IF ANY QUESTIONS CONTACT C.C. CONTROL METER REPRESENTATIVE OR
 WATER DISTRIBUTION MANAGER AT LANCASTER DIVISION OF WATER.

APPROVED **9-18-14**
Brad Foguell
 CITY ENGINEER
 REVISED: 8/15/13

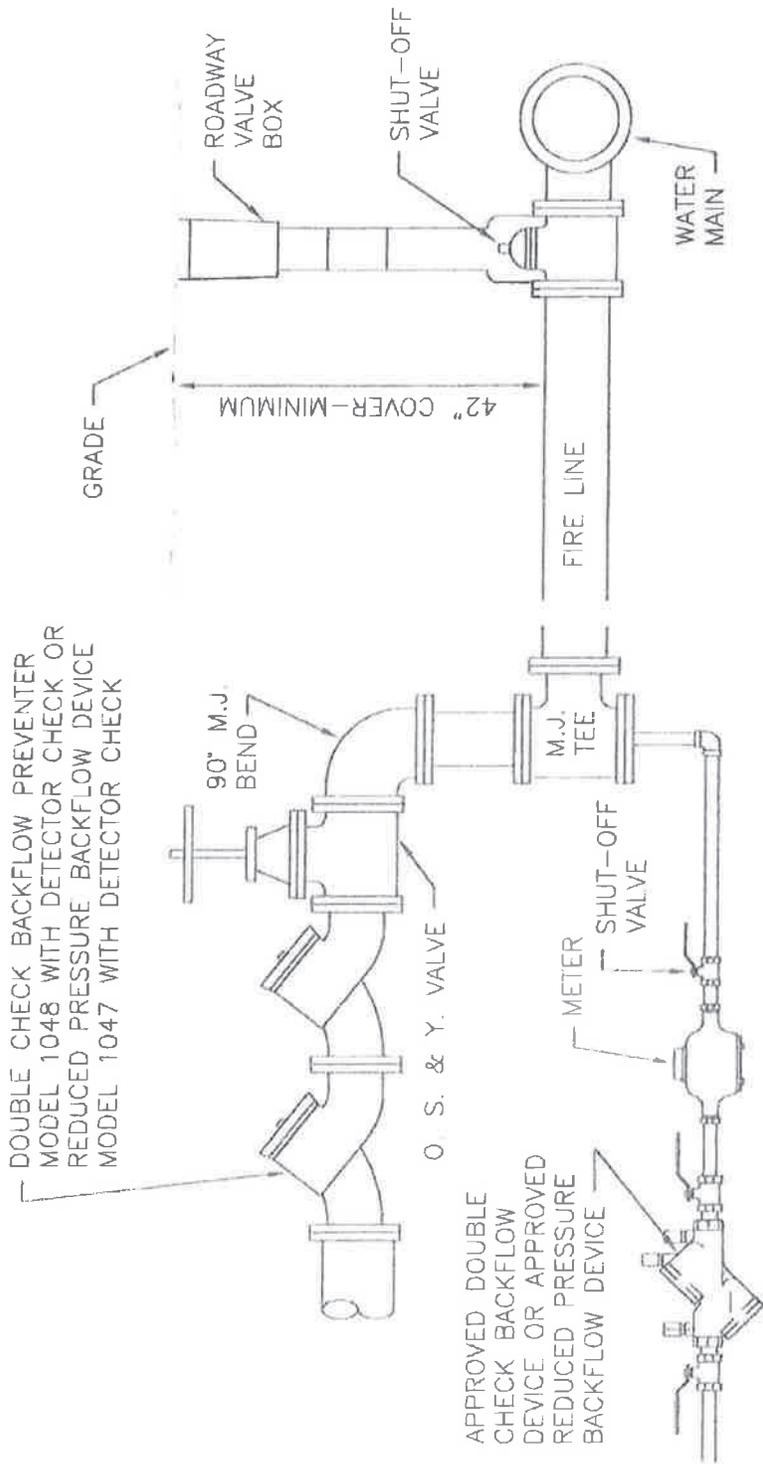
TYPICAL 4" TO 16"
 FIRE LINE CONNECTION
 TYPE "A"

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

DWG. BY: ...MAC...
 CHK'D BY:

FILE NUMBER
W-24



NOTES:

IF ANY QUESTIONS CONTACT C.C. CONTROL METER REPRESENTATIVE OR WATER DISTRIBUTION MANAGER AT LANCASTER DIVISION OF WATER.

APPROVED 9-18-14
Brad Tagell
 CITY ENGINEER
 REVISED: 8/15/13

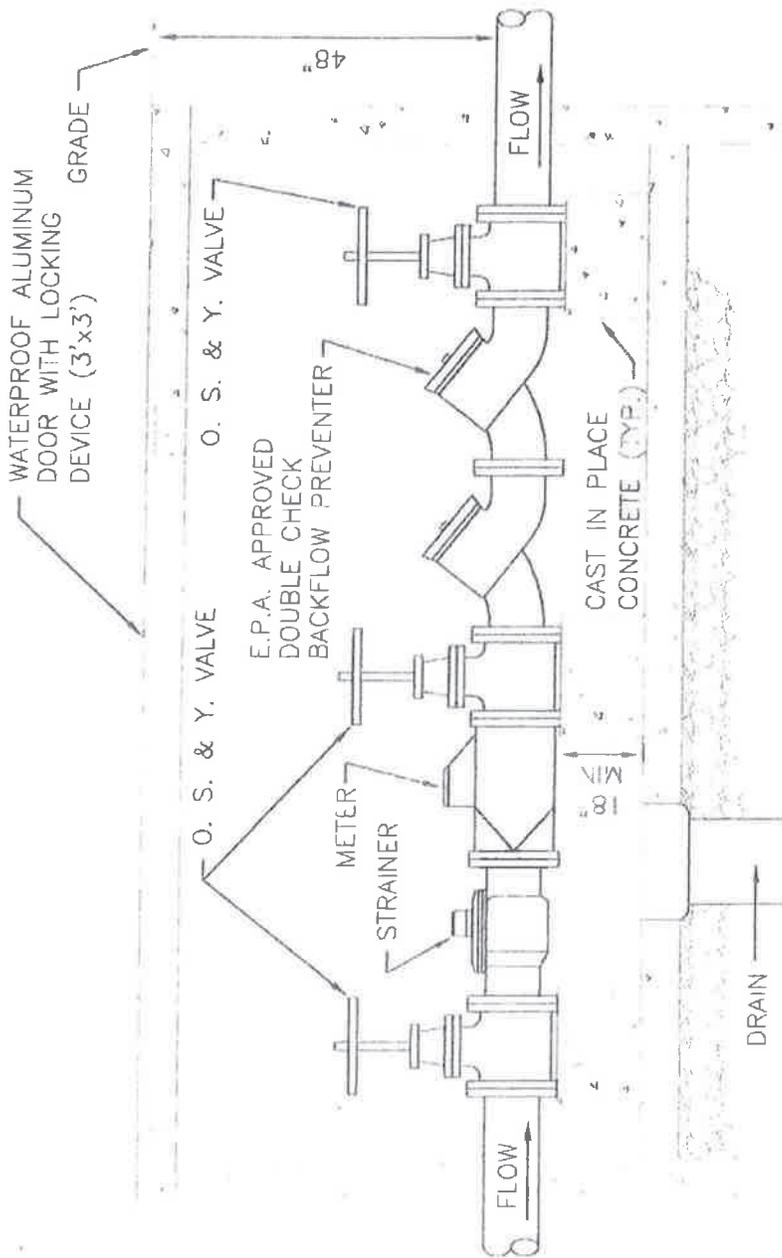
TYPICAL 4" TO 16"
 FIRE LINE CONNECTION
 TYPE "B"

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

DWG. BY: ...MAC...
 CHK'D BY:

FILE NUMBER
 W-25



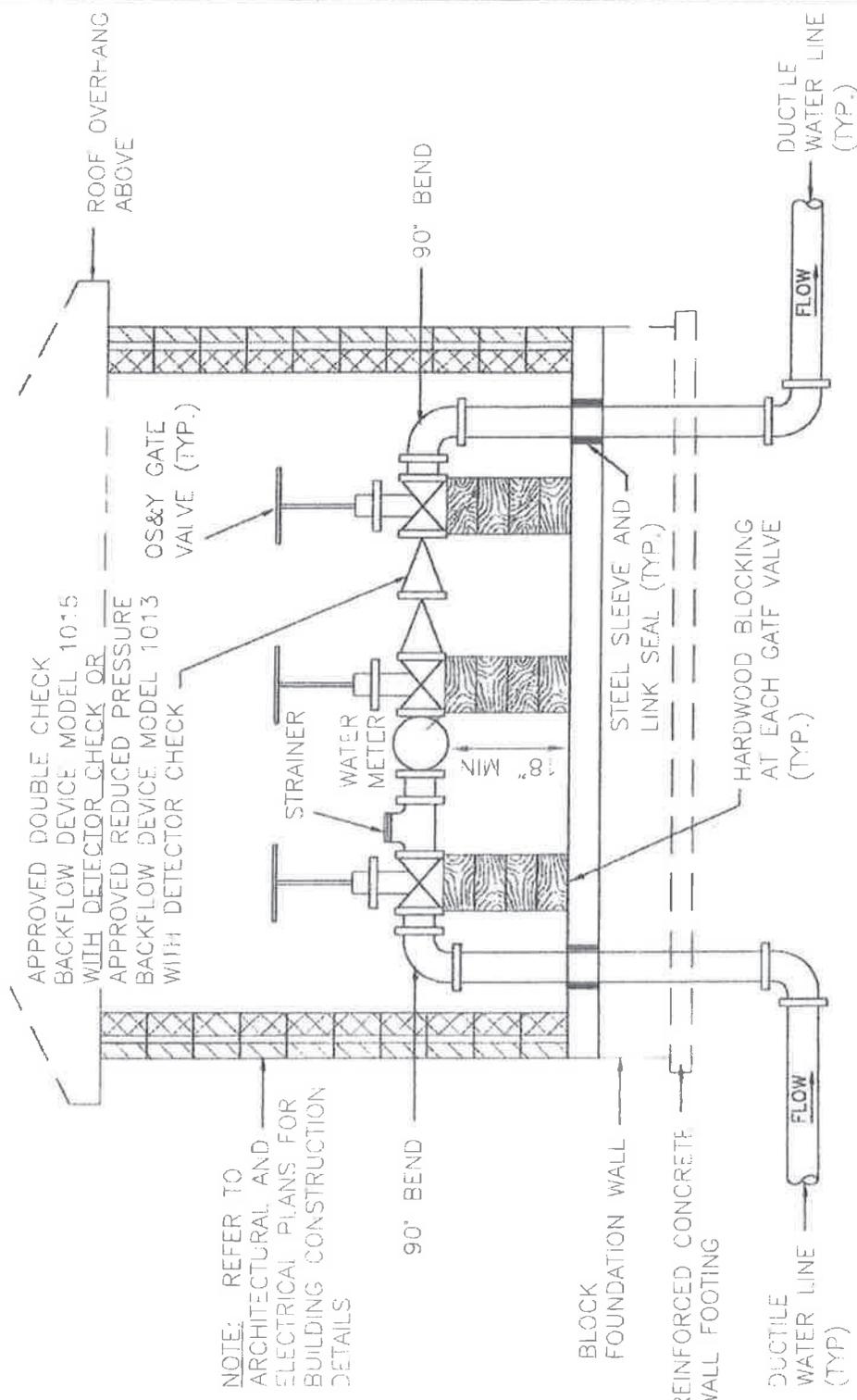
NOTES:

IF ANY QUESTIONS CONTACT C.C. CONTROL METER REPRESENTATIVE OR WATER DISTRIBUTION MANAGER AT LANCASTER DIVISION OF WATER.

APPROVED 9-18-14
Brad Fogell
 CITY ENGINEER
 REVISED: 8/15/13

4", 6", 8", & 12"
 RESIDENTIAL/COMMERCIAL
 WATER METER/BACKFLOW
 PREVENTER VAULT

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING
 STANDARD
 CONSTRUCTION DRAWING
 DWG. BY: ...MAC.....
 CHK'D BY:
 FILE NUMBER
 W-26



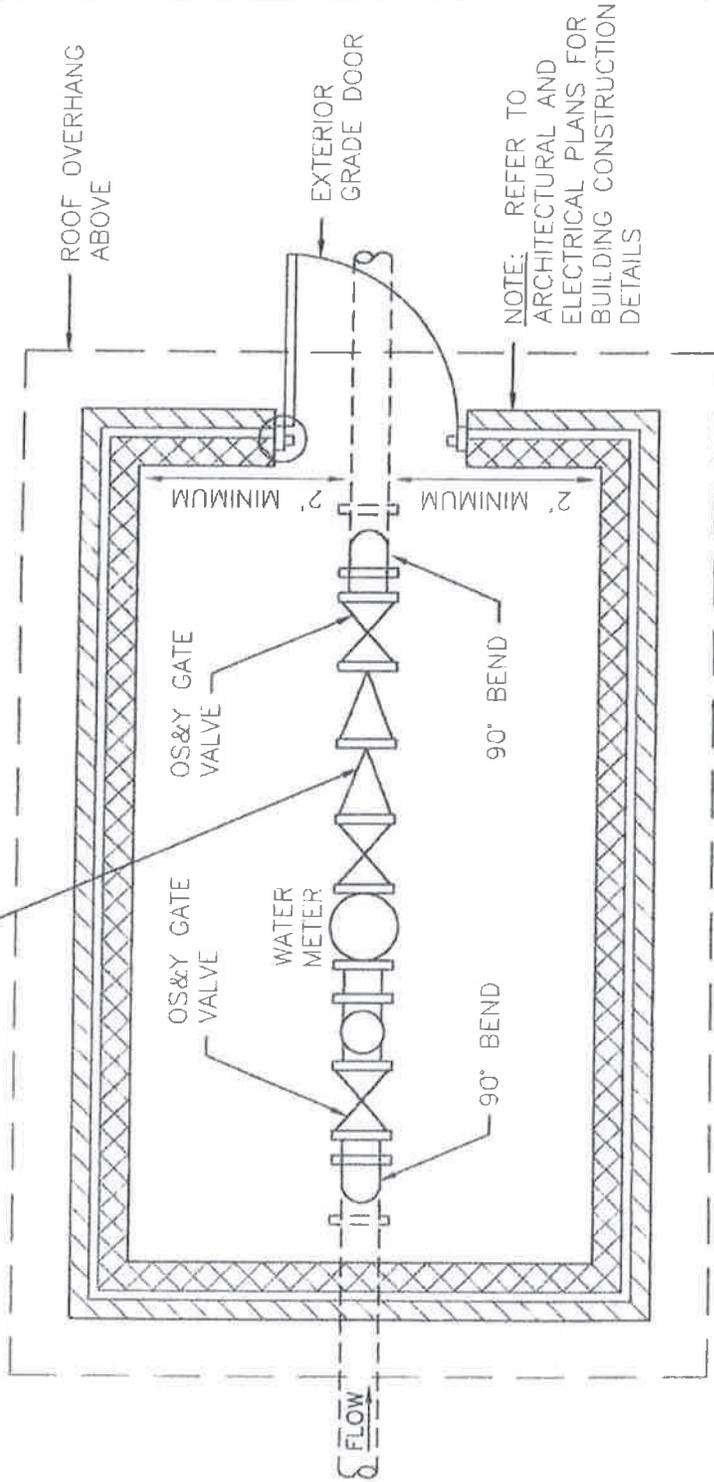
NOTE: REFER TO ARCHITECTURAL AND ELECTRICAL PLANS FOR BUILDING CONSTRUCTION DETAILS

APPROVED **9-18-14**
Brad Fayell
 CITY ENGINEER
 REVISED: 8/15/13

4", 6", 8" & 12"
 RESIDENTIAL/COMMERCIAL
 WATER METER/BACKFLOW
 PREVENTER ENCLOSURE

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING
 STANDARD
 CONSTRUCTION DRAWING
 DWG. BY: MAC
 CHK'D BY:
 FILE NUMBER
W-27A

APPROVED DOUBLE CHECK
 BACKFLOW DEVICE MODEL 1015
 WITH DETECTOR CHECK OR
 APPROVED REDUCED PRESSURE
 BACKFLOW DEVICE MODEL 1013
 WITH DETECTOR CHECK



APPROVED

9-18-14

Brad Fagell
 CITY ENGINEER

REVISED: 8/15/13

4", 6", 8" & 12"
 RESIDENTIAL/COMMERCIAL
 WATER METER/BACKFLOW
 PREVENTER ENCLOSURE

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

DWG. BY: ...MAC...
 CHK'D BY:

FILE NUMBER
 W-27B