

APPROVED _____

 CITY ENGINEER

REVISED: 3/2/07

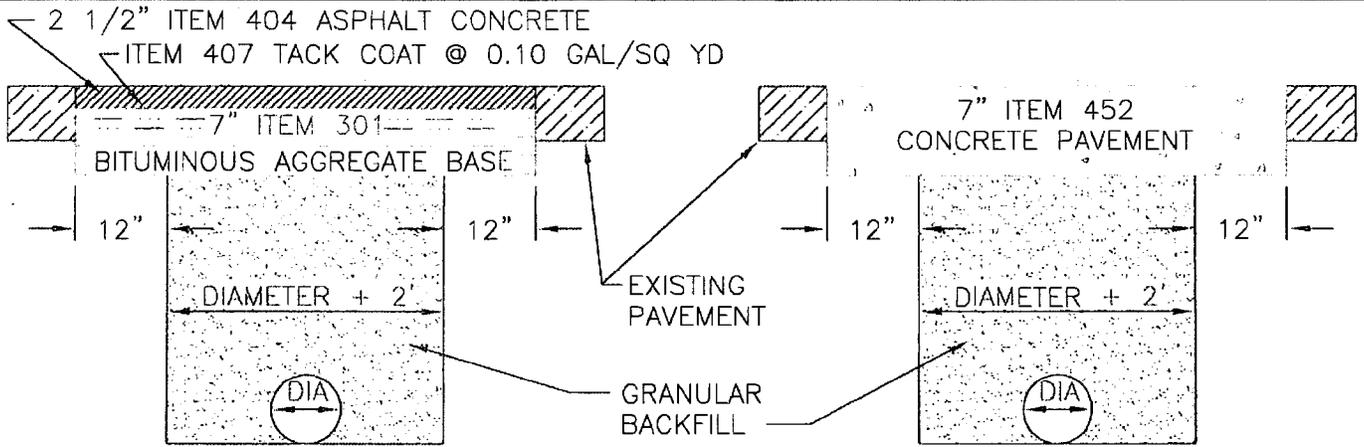
TYPICAL TRENCH FOR
 WATER LINES

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

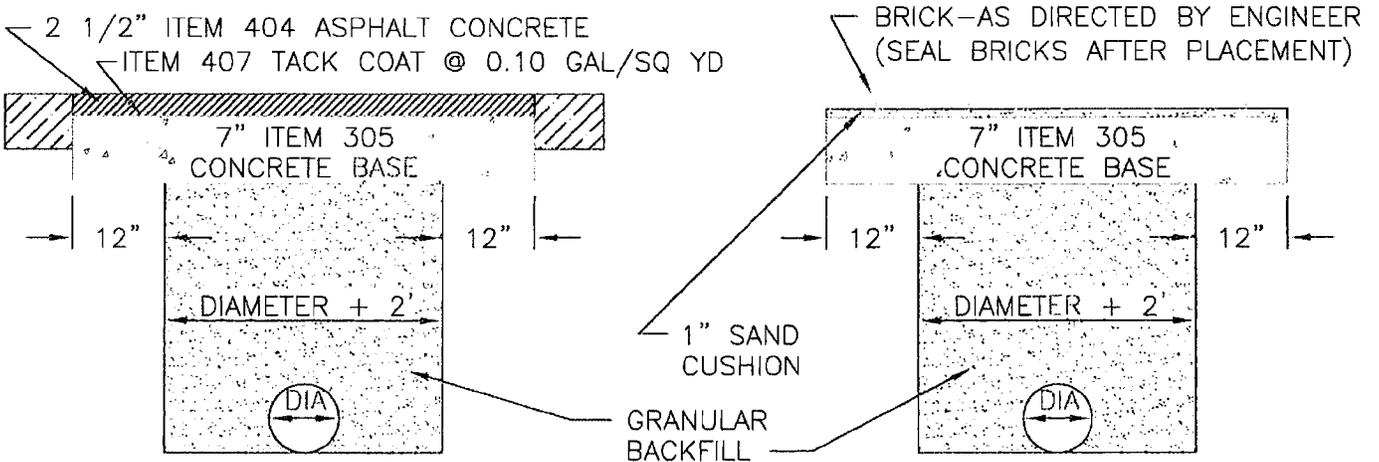
DWG. BY: ...MAC...
 CHK'D BY:

FILE NUMBER
 W-1



**TYPE-A
FLEXIBLE STREETS**

**TYPE-B
CONCRETE STREETS**



**TYPE-C
BITUMINOUS AND BRICK STREETS**

**TYPE-D
BRICK STREETS**

NOTES:

PERMANENT PAVEMENT REPLACEMENT SHALL NOT BE PERFORMED UNTIL SO ORDERED BY THE ENGINEER.

EDGES OF THE EXISTING PAVEMENT SHALL BE CUT VERTICAL AND TRIMMED TO PROVIDE A STRAIGHT LINE JUNCTURE BETWEEN EXISTING AND NEW PAVEMENT. NO RAGGED EDGES SHALL BE PERMITTED.

GRANULAR BACKFILL SHALL BE COMPACTED PER 912. IT SHALL BE SHAPED AND COMPACTED AS DIRECTED BY THE ENGINEER.

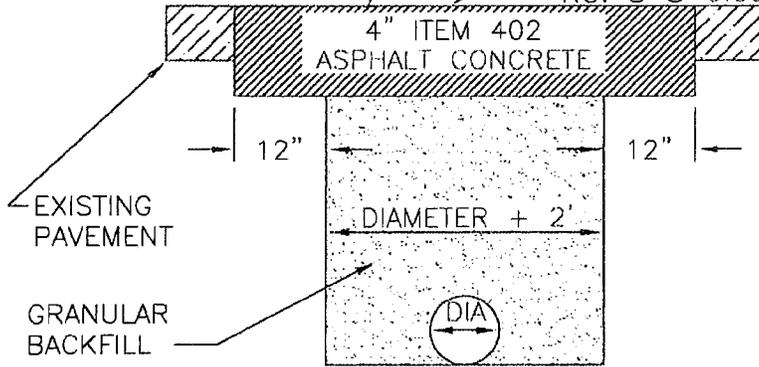
VERTICAL FACES OF EXISTING ASPHALT PAVEMENT AND THE SUBBASE SHALL BE CLEANED AND COATED WITH BITUMINOUS MATERIAL IN ACCORDANCE WITH 401.12.

SURFACE JOINTS SHALL BE SEALED BY AN APPLICATION OF 409.02 BITUMINOUS MATERIAL FOLLOWED BY AN APPLICATION OF 407.02 COVER AGGREGATE.

APPROVED _____ _____ CITY ENGINEER	TYPICAL PAVEMENT REPLACEMENT FOR TRENCHES	CITY OF LANCASTER, OHIO DEPARTMENT OF ENGINEERING	
REVISED: 3/5/07		STANDARD CONSTRUCTION DRAWING DWG. BY: ...MAC... FILE NUMBER CHK'D BY: W-1B	

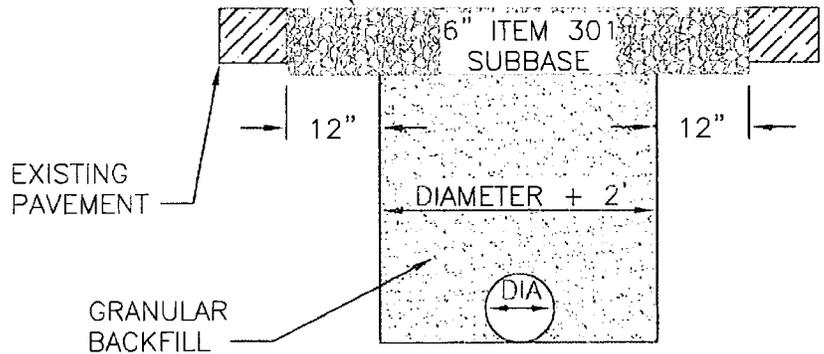
ITEM 409 SEAL COAT BITUMINOUS MATERIAL
 @ 0.30 GAL/SQ YD

ITEM 409 SEAL COAT AGGREGATE
 NO. 8 @ 0.008 CU YD/SQ YD



**TYPE-E
 TAR AND CHIP ALLEYS**

ITEM 408 BITUMINOUS PRIME COAT
 @ 0.40 GAL/SY YD



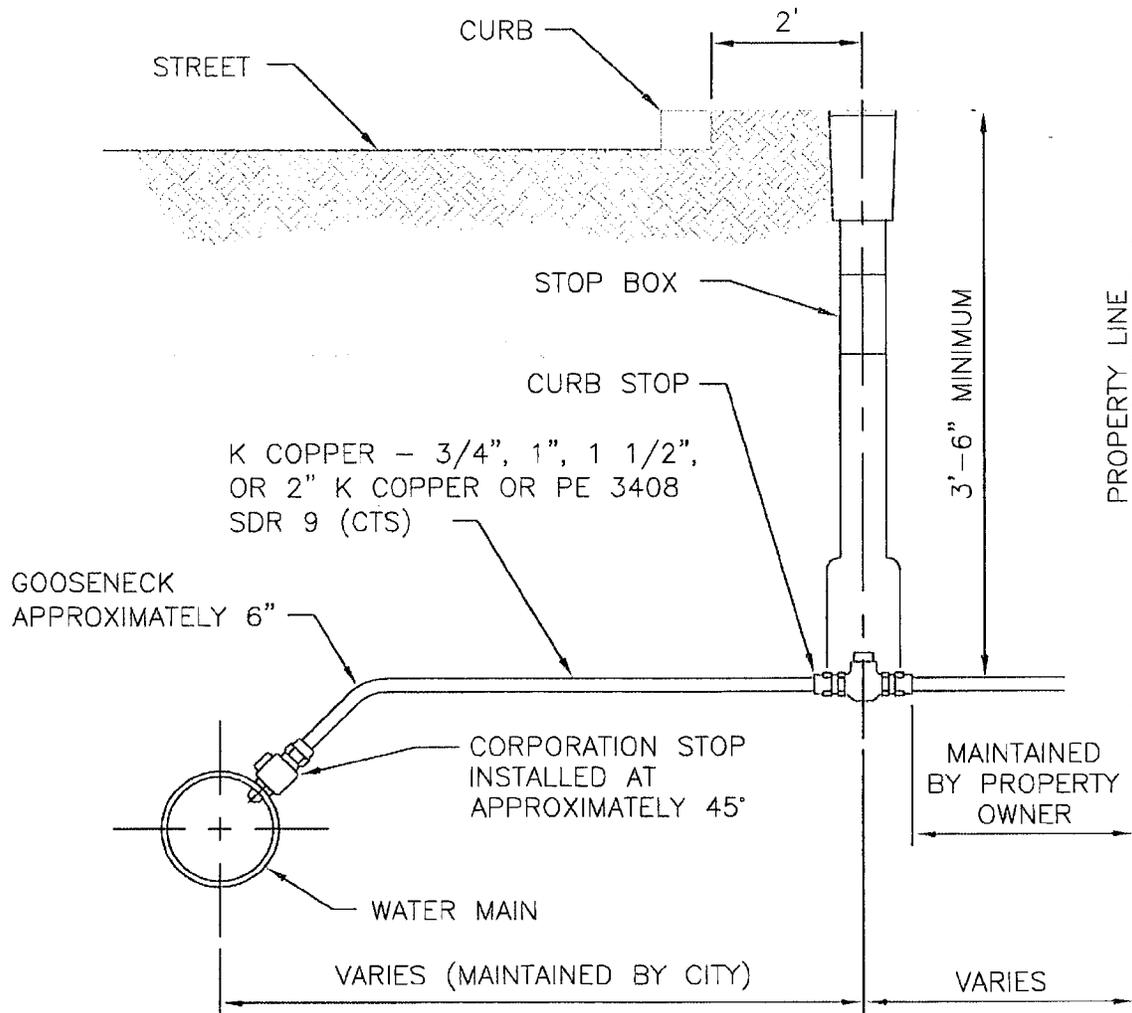
**TYPE-F
 TAR AND CHIP ALLEYS**

NOTES:

PERMANENT PAVEMENT REPLACEMENT SHALL NOT BE PERFORMED UNTIL SO ORDERED BY THE ENGINEER.

THE EDGE SHALL BE CUT VERTICLE AND TRIMMED TO PROVIDE A STRAIGHT LINE.

APPROVED _____ _____ CITY ENGINEER	TYPICAL PAVEMENT REPLACEMENT FOR TRENCHES	CITY OF LANCASTER, OHIO DEPARTMENT OF ENGINEERING	
REVISED: 3/5/07		STANDARD CONSTRUCTION DRAWING DWG. BY: ...MAC..... FILE NUMBER CHK'D BY: W-1C	



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).

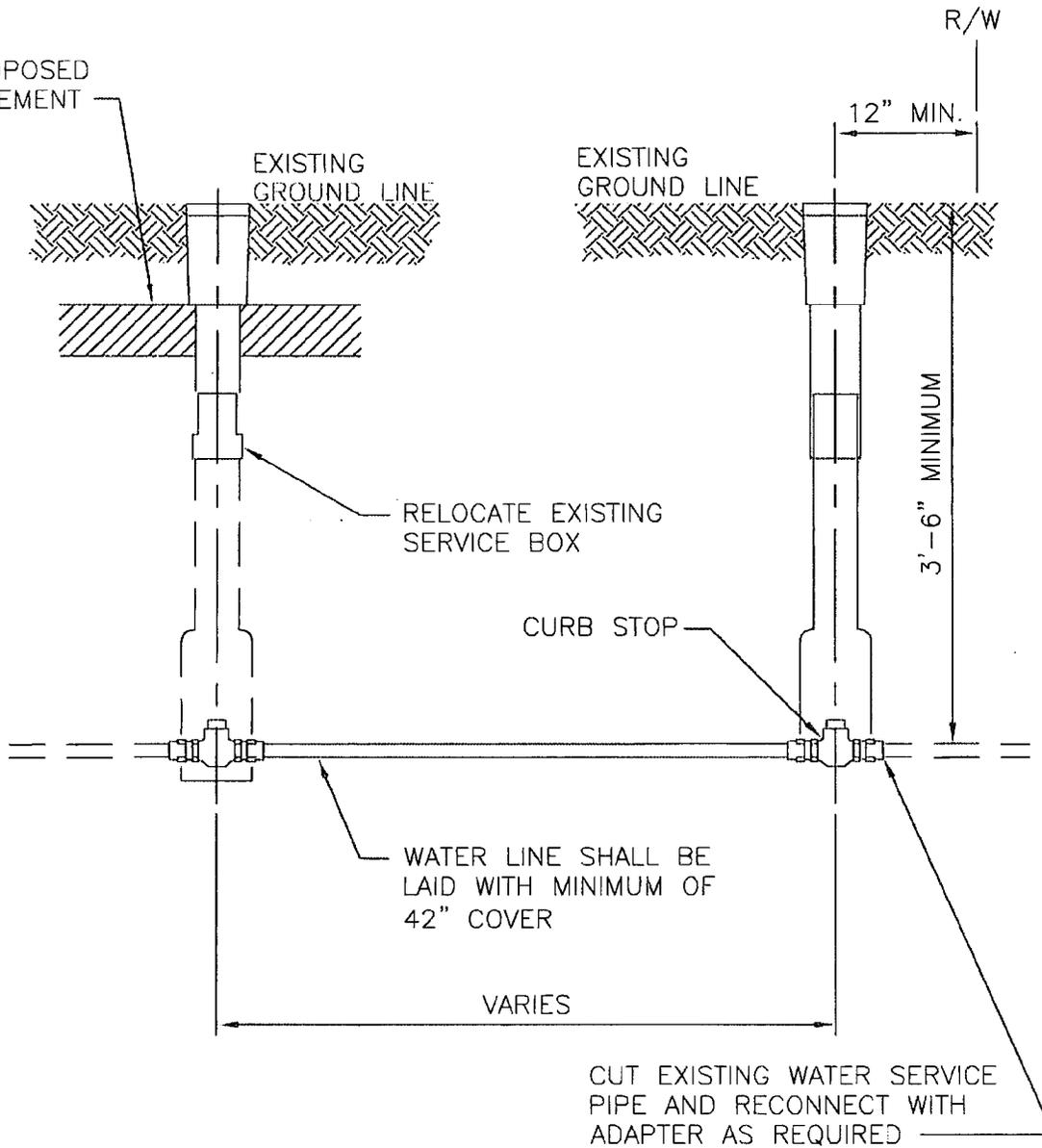
3/4", 1", 1 1/2", & 2" FITTINGS SHALL BE FLARE TYPE OR COMPRESSION PACK JOINT FITTINGS. (NO SOLDER FITTINGS)

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 _____ _____ CITY ENGINEER	STANDARD WATER SERVICE	CITY OF LANCASTER, OHIO DEPARTMENT OF ENGINEERING	
REVISED: 1/2/09		STANDARD CONSTRUCTION DRAWING DWG. BY: ...MAC... FILE NUMBER CHK'D BY: W-2	

PROPOSED
PAVEMENT



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CITY ENGINEER

REVISED: 3/5/07

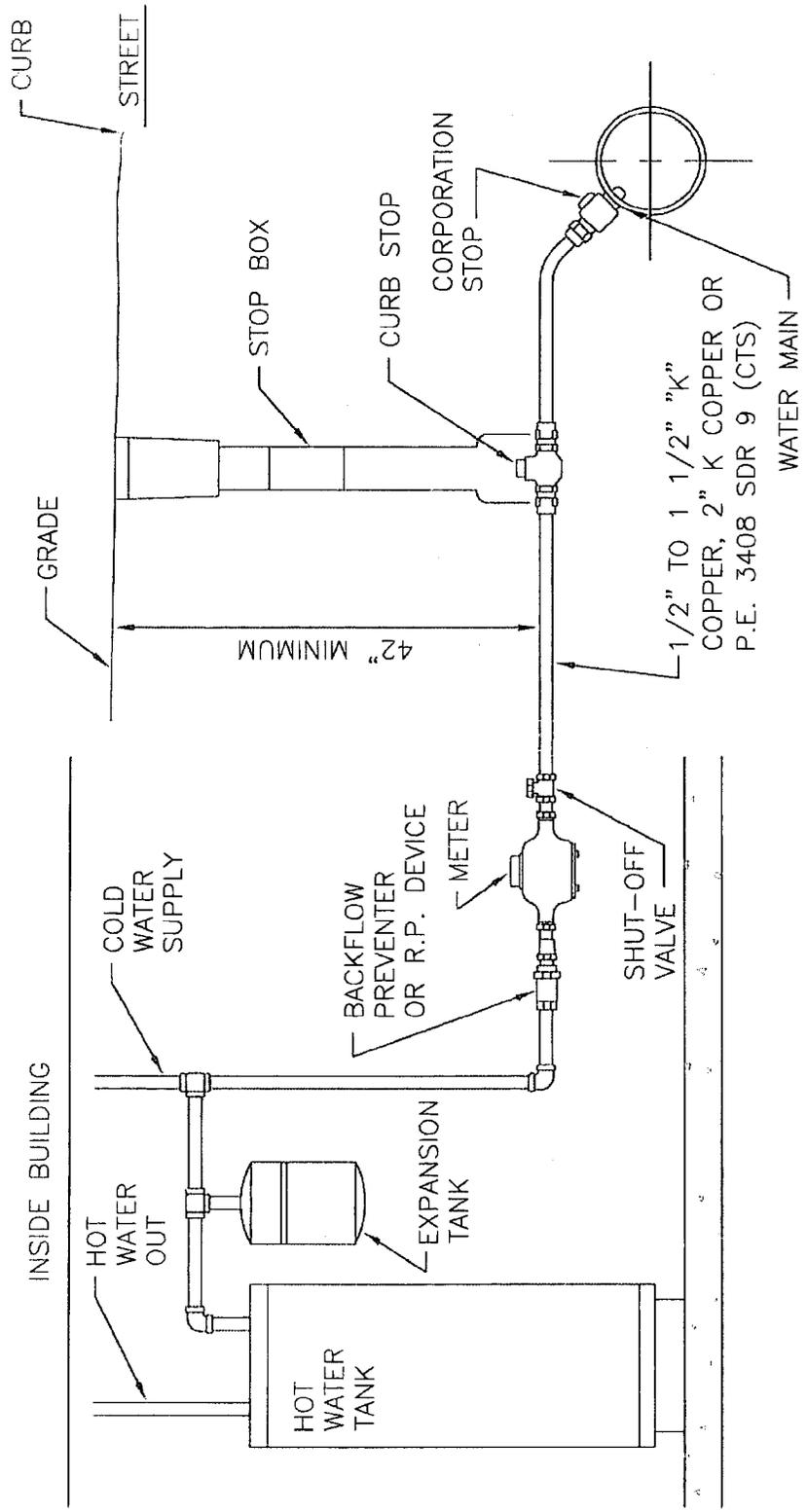
WATER SERVICE
EXTENSION AND CURB
BOX RELOCATION

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD
CONSTRUCTION DRAWING

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

FILE NUMBER
W-3



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 CITY ENGINEER

REVISED: 8/15/13

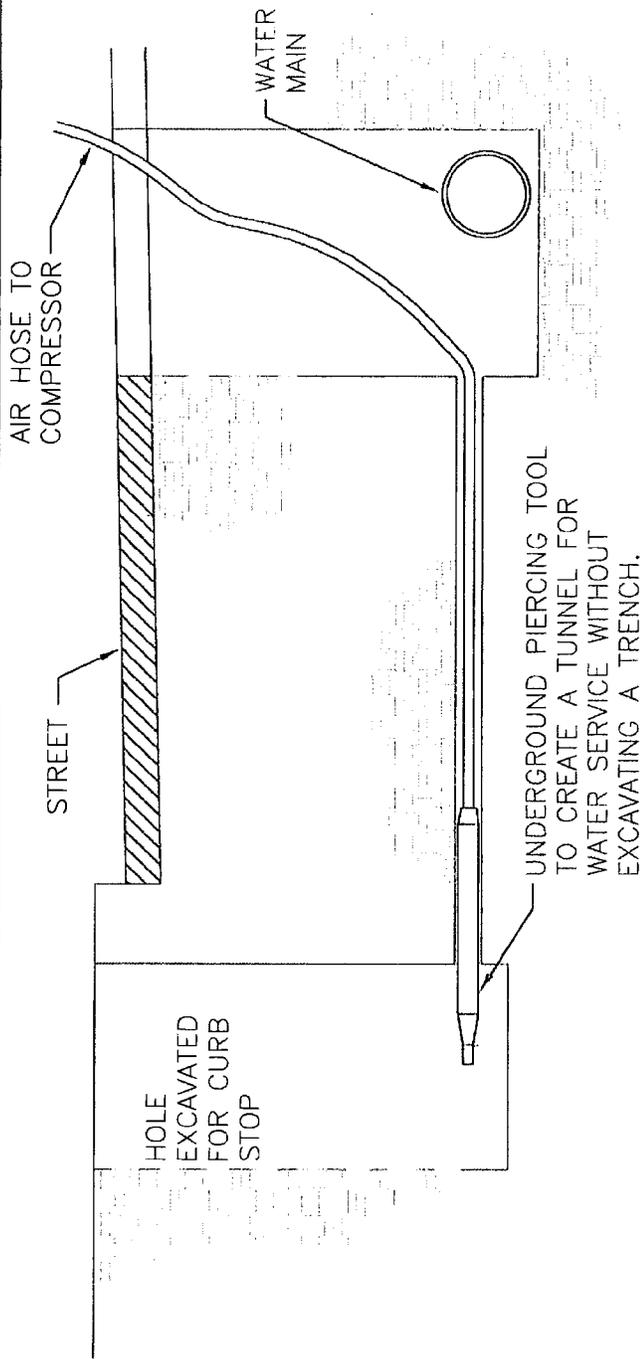
TYPICAL WATER SERVICE
 1/2" TO 2"

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

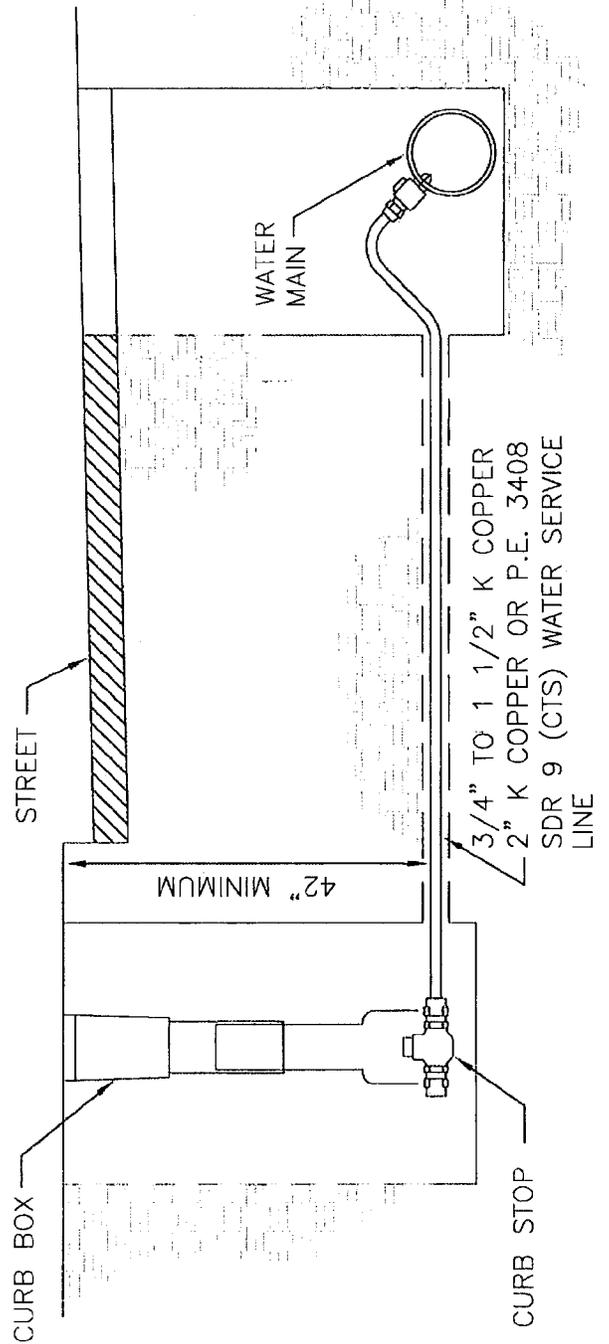
STANDARD
 CONSTRUCTION DRAWING

DWG. BY: ...MAC...
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FILE NUMBER
 W-4



TYPICAL UNDERGROUND SERVICE LINE TUNNEL



TYPICAL UNDERGROUND SERVICE LINE

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 CITY ENGINEER

REVISED: 8/15/13

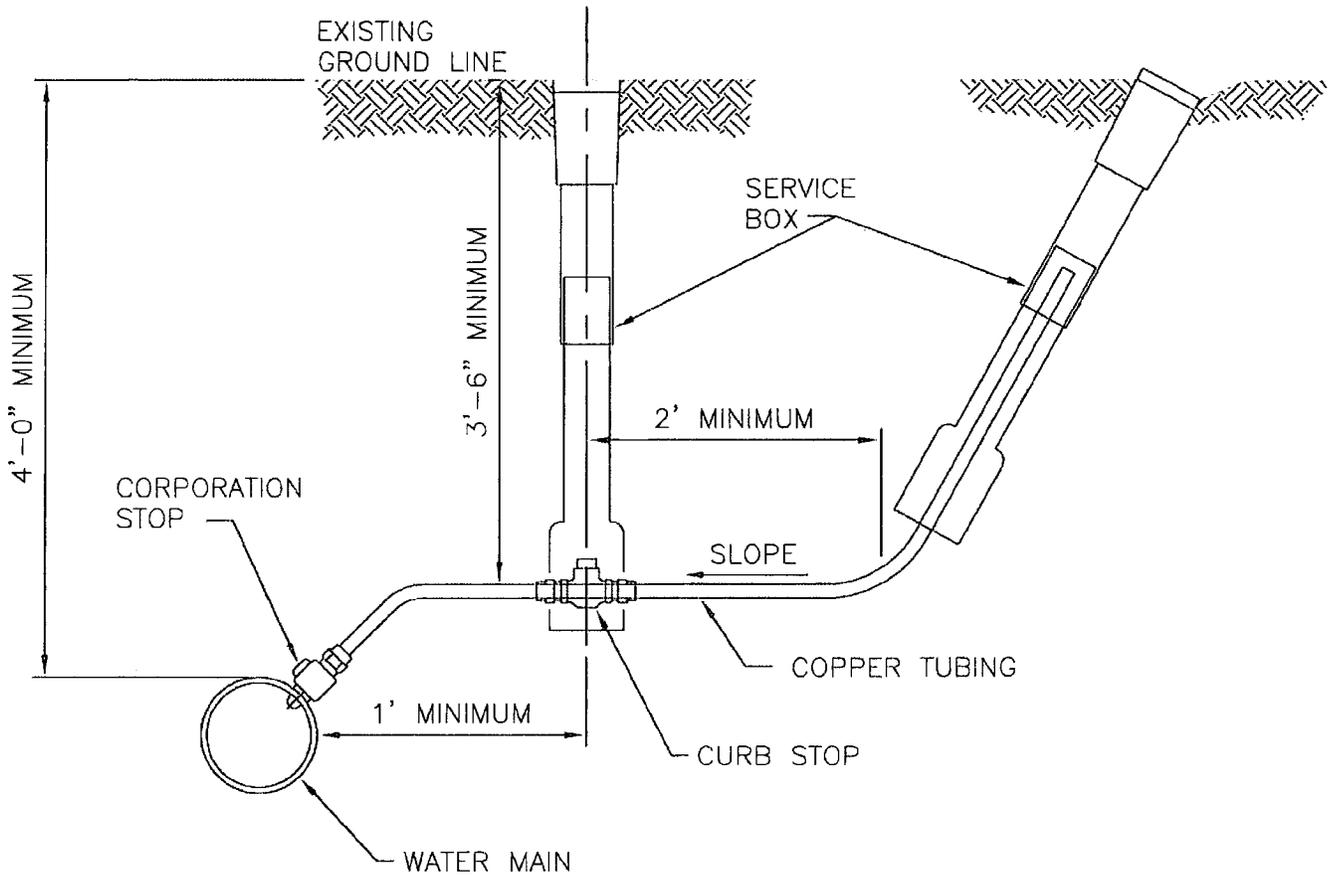
TYPICAL UNDERGROUND
 SERVICE LINE TUNNEL
 AND TYPICAL
 UNDERGROUND SERVICE
 LINE

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

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 CITY ENGINEER

TYPICAL AIR RELEASE
 3/4" OR 1"

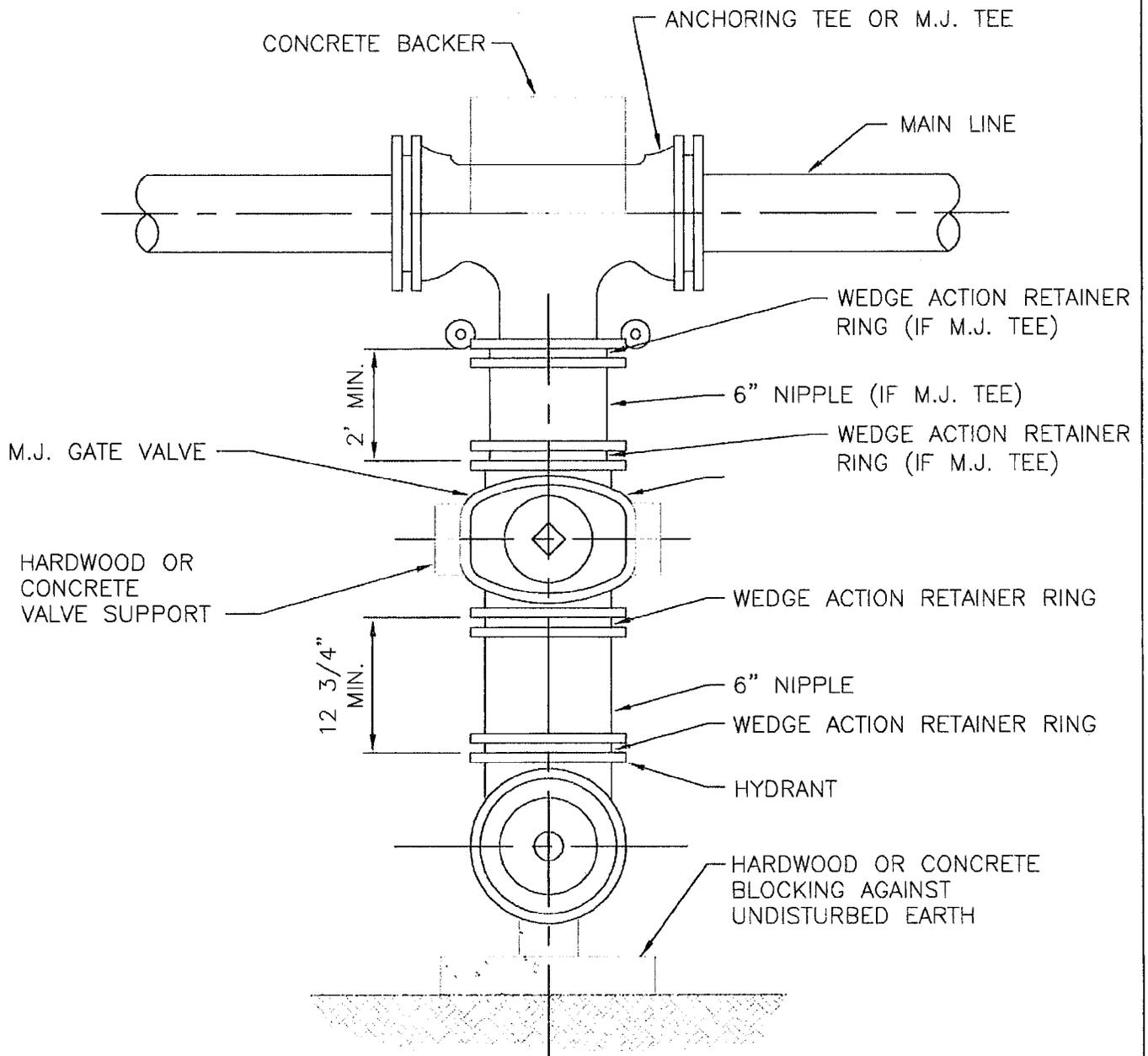
CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

DWG. BY: MAC
 CHK'D BY: _____

FILE NUMBER
 W-6

REVISED: 8/15/13



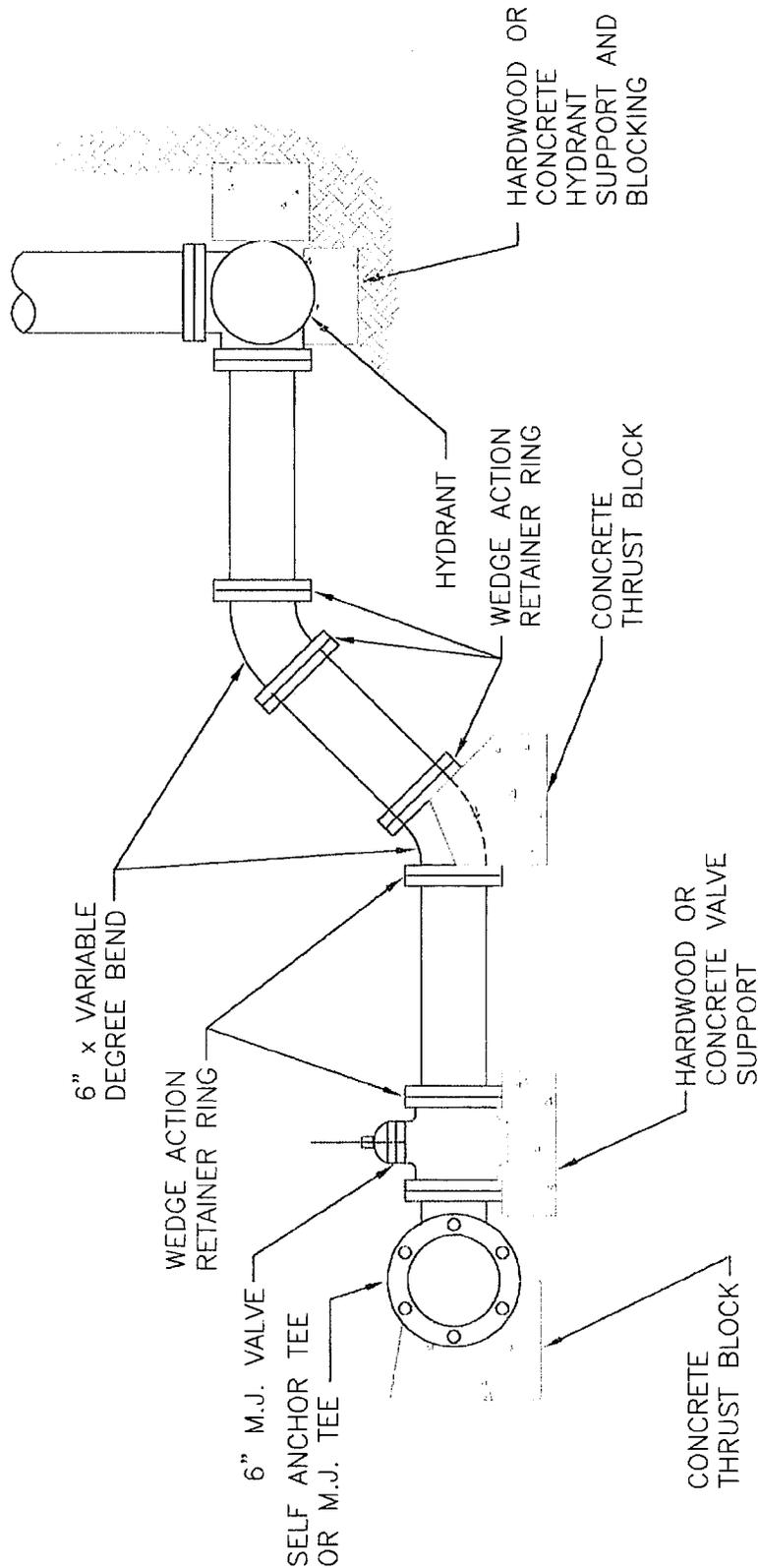
NOTES:

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 _____ _____ CITY ENGINEER	TYPICAL HYDRANT SETTING TYPE "A"	CITY OF LANCASTER, OHIO DEPARTMENT OF ENGINEERING	
REVISED: 8/15/13		STANDARD CONSTRUCTION DRAWING DWG. BY: ...MAC... FILE NUMBER CHK'D BY: W-7	



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

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 CITY ENGINEER

REVISED: 8/15/13

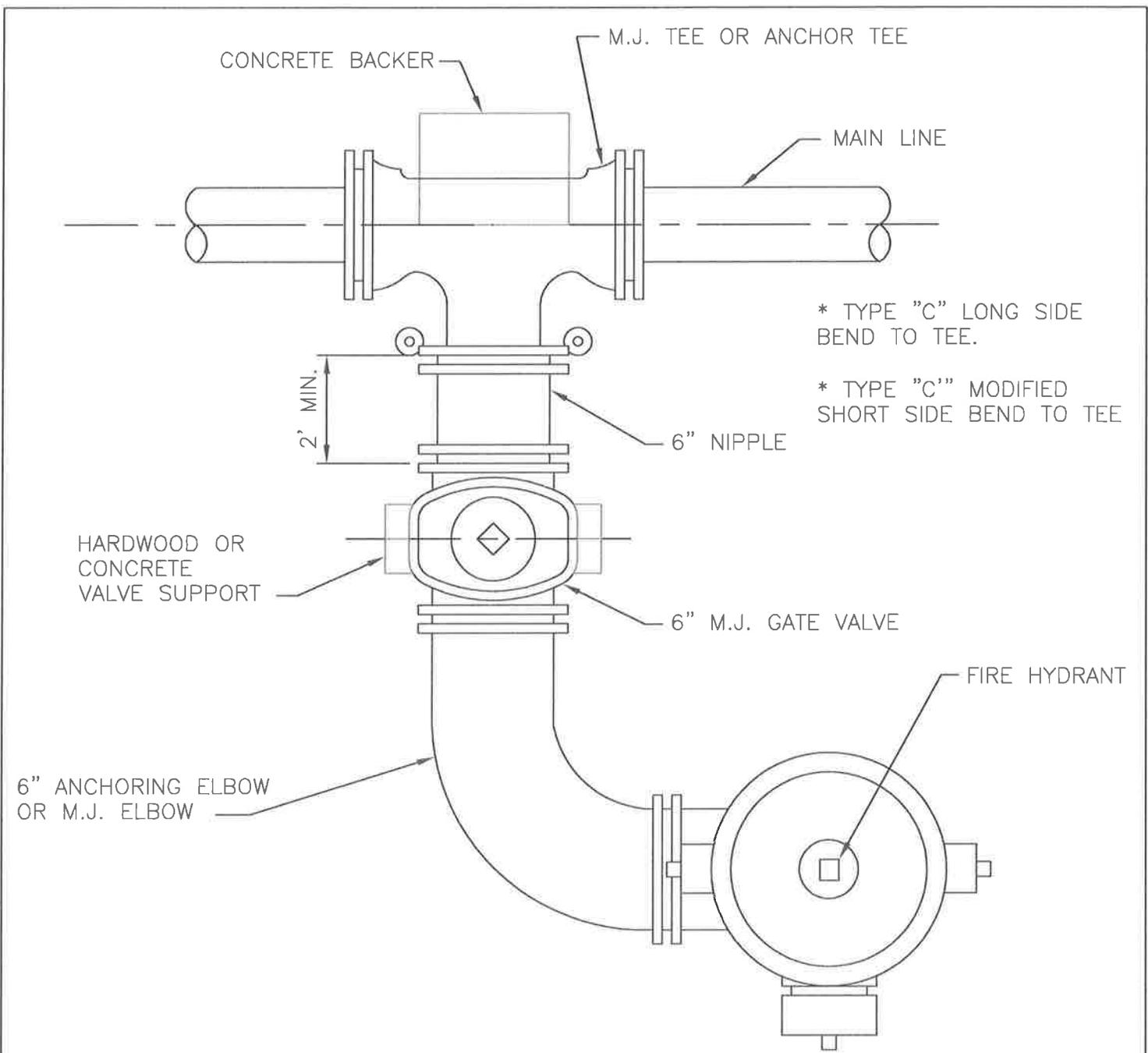
TYPICAL HYDRANT
 SETTING TYPE "A"
 MODIFIED

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

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

FILE NUMBER
 W-8



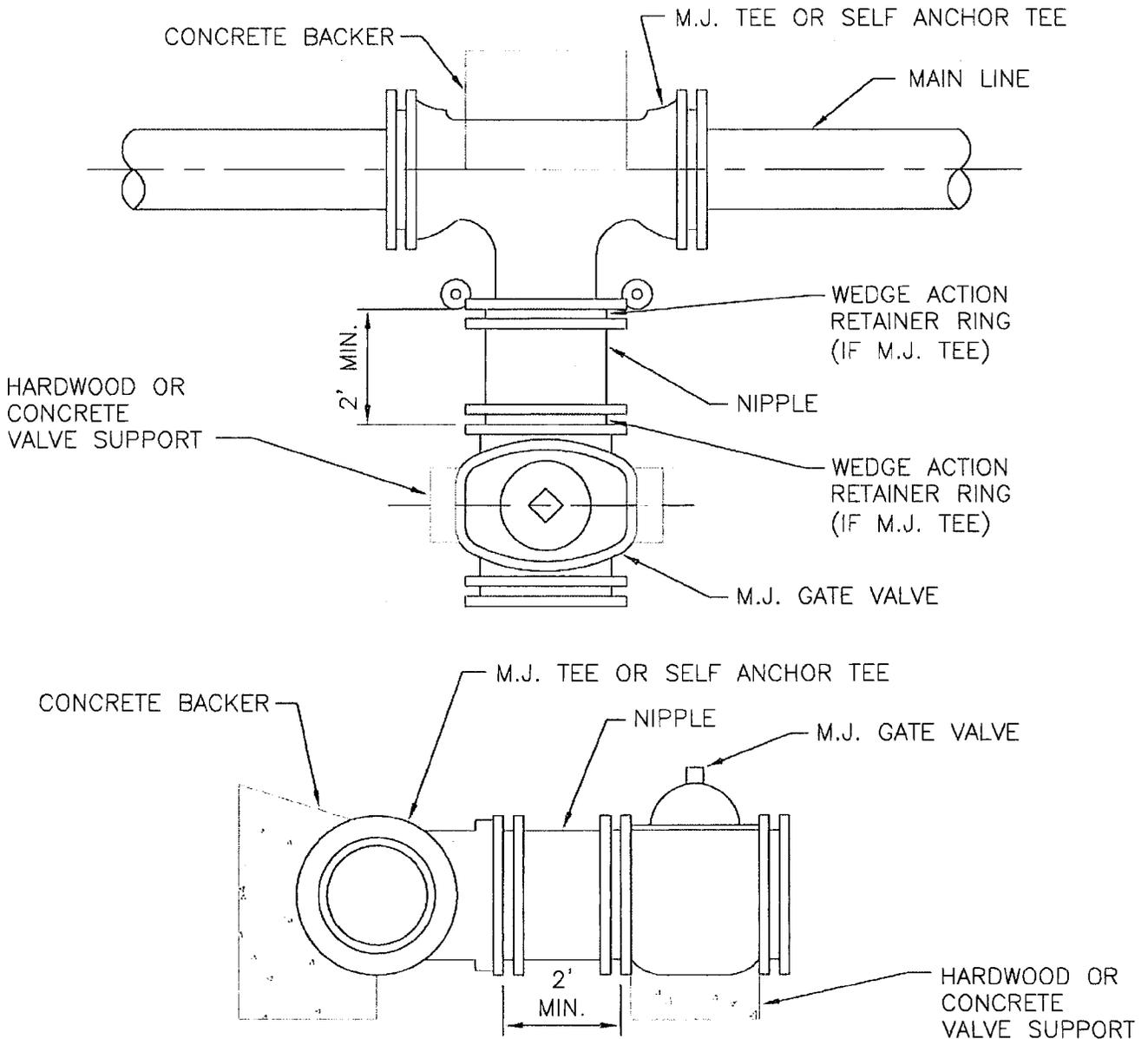
NOTES:

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.

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



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.

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 CITY ENGINEER

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

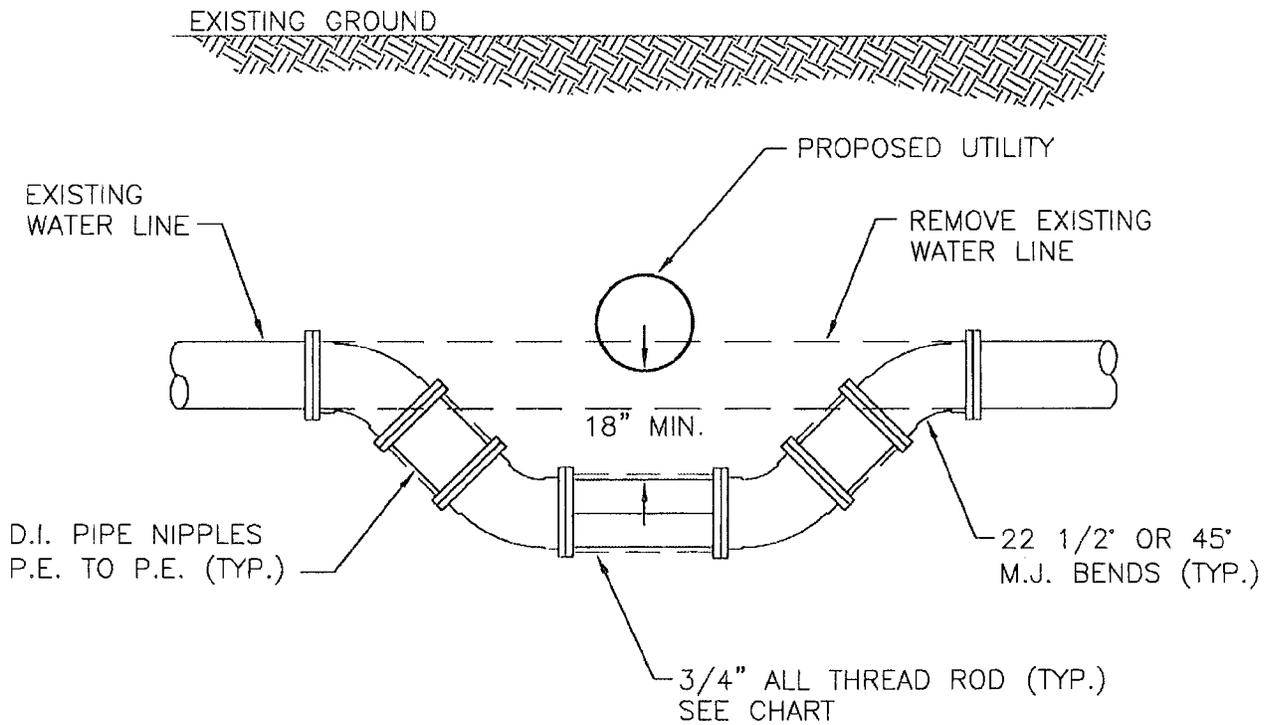
CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

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

FILE NUMBER
 W-10

REVISED: 8/15/13



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.

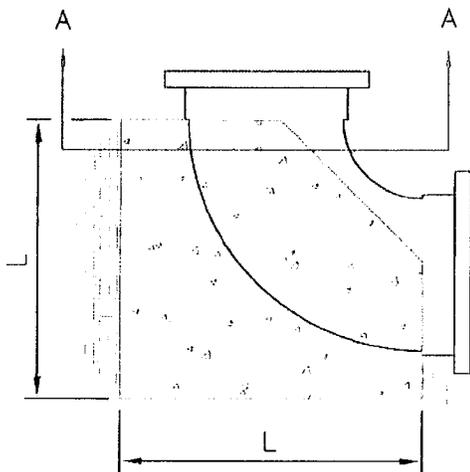
THE RELOCATED LINES SHALL BE LAID TO THE NEW LINE AND GRADE, TESTED, AND DISINFECTED PRIOR TO SHUTDOWN OF EXISTING MAIN AND CONNECTION OF THE RELOCATED LINES TO THE EXISTING MAIN.

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.

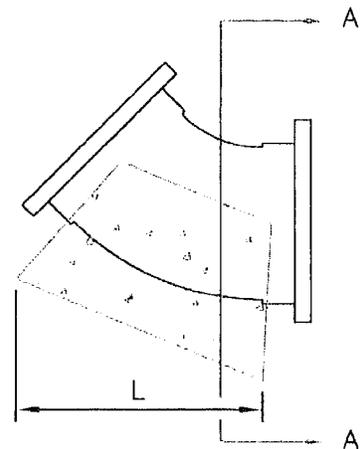
APPROVED _____ _____ CITY ENGINEER	TYPICAL WATER LINE LOWERING	CITY OF LANCASTER, OHIO DEPARTMENT OF ENGINEERING
REVISED: 8/15/13		STANDARD CONSTRUCTION DRAWING
		DWG. BY: ...MAC..... CHK'D BY: FILE NUMBER W-11

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

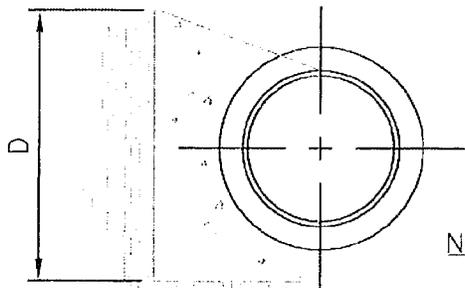
STEEL WILL BE USED AS REQUIRED BY ENGINEER



90° BENDS



BENDS LESS THAN 90°



SECTION A-A

NOTES:

BACKING DESIGNED FOR 3000 PSF SOIL BEARING.

CONCRETE TO BE PLACED AGAINST UNDISTURBED EARTH.

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 CITY ENGINEER

BACKING FOR BENDS

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

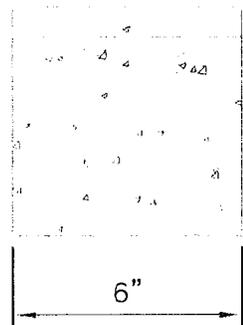
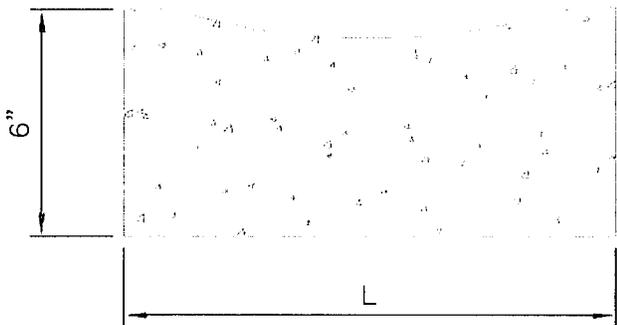
STANDARD
 CONSTRUCTION DRAWING

DWG. BY: ...MAC.....
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FILE NUMBER
 W-12

REVISED: 8/15/13

	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
	16"	30"	0.63
BUTTERFLY VALVES	20"	36"	0.75
	24"	42"	0.88
	30"	48"	1.00



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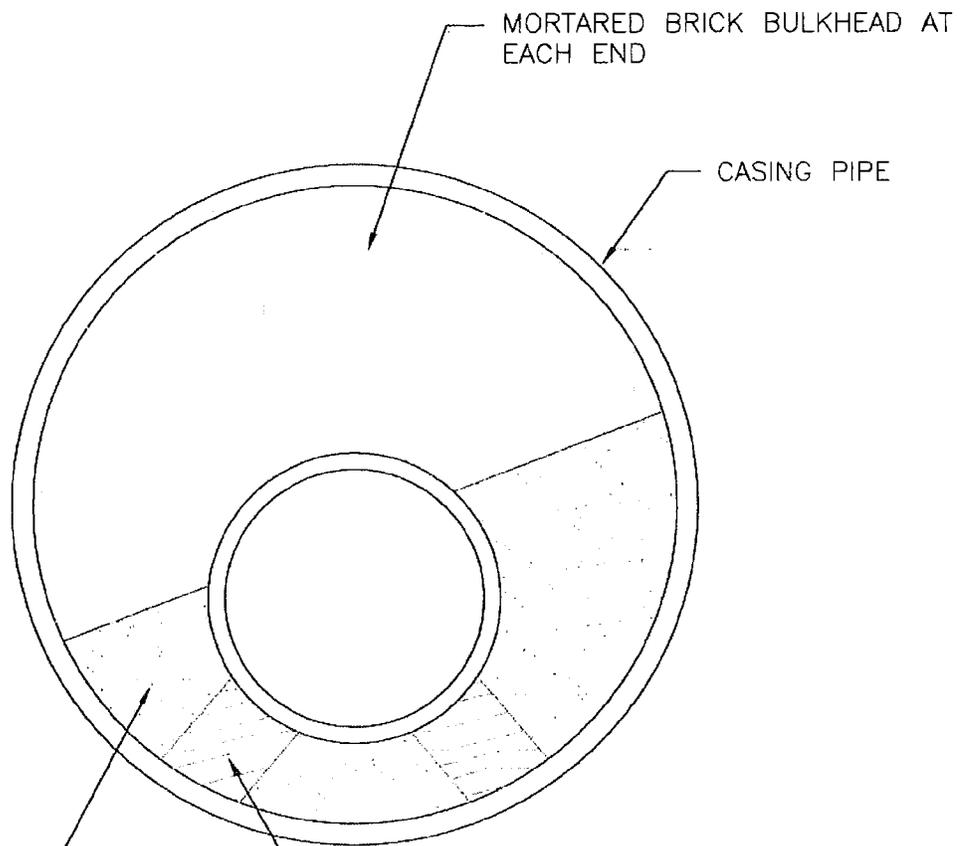
CONCRETE VALVE SUPPORT

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

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

FILE NUMBER
 W-13



MORTARED BRICK BULKHEAD AT EACH END

CASING PIPE

TIMBER SKID, OR ANOTHER APPROVED METHOD SHALL BE USED TO PREVENT THE WATER MAIN FROM MAKING DIRECT CONTACT WITH THE CASING PIPE. (TYP.)

COMPACTED DRY SAND OR PEA GRAVEL IS TO BE PLACED TO THE TOP OF THE CASING PIPE BY PNEUMATIC MEANS, COMPLETELY FILLING ALL VOIDS.

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 CITY ENGINEER

CASING PIPE PLUGGING

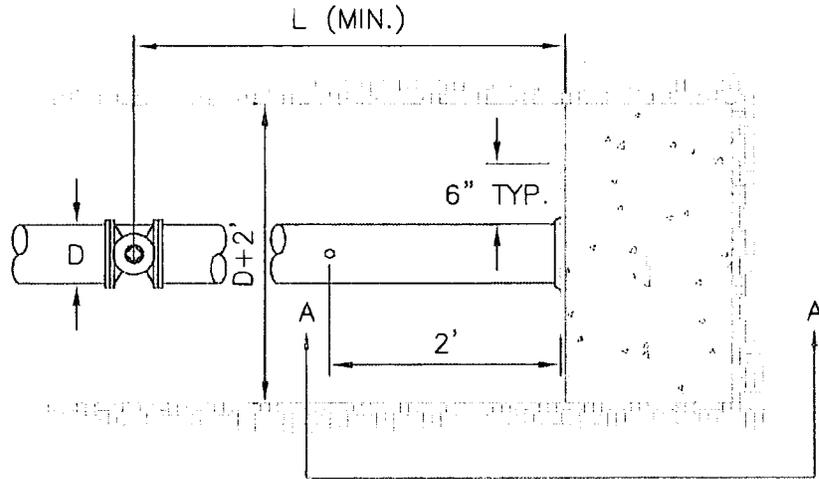
CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

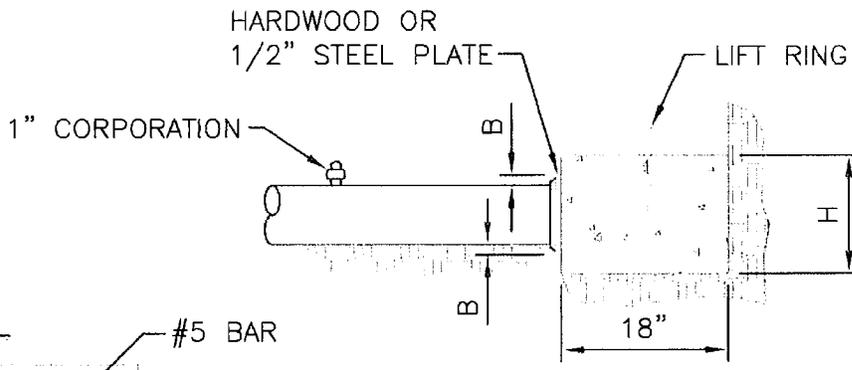
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FILE NUMBER
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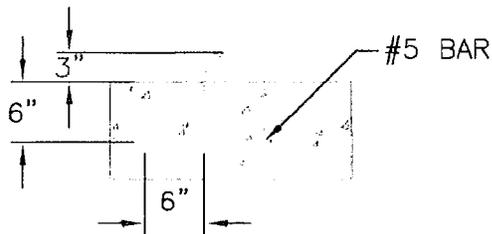
REVISED: 8/15/13



PLAN VIEW



SECTION A-A



LIFT RING DETAIL

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.

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CITY ENGINEER

REVISED: 3/7/07

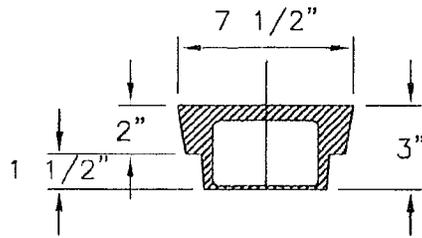
END OF PIPE THRUST
BLOCK DETAIL

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

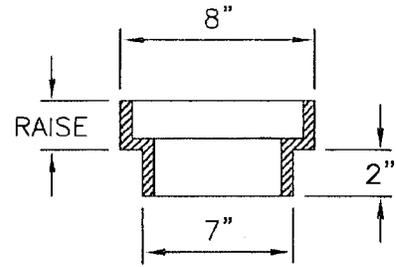
STANDARD
CONSTRUCTION DRAWING

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CHK'D BY:

FILE NUMBER
W-15



VALVE BOX LID

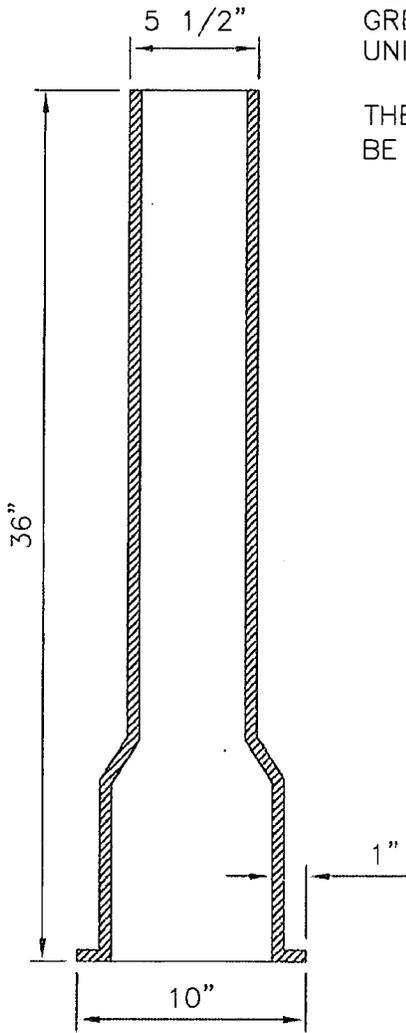


VALVE BOX RISER

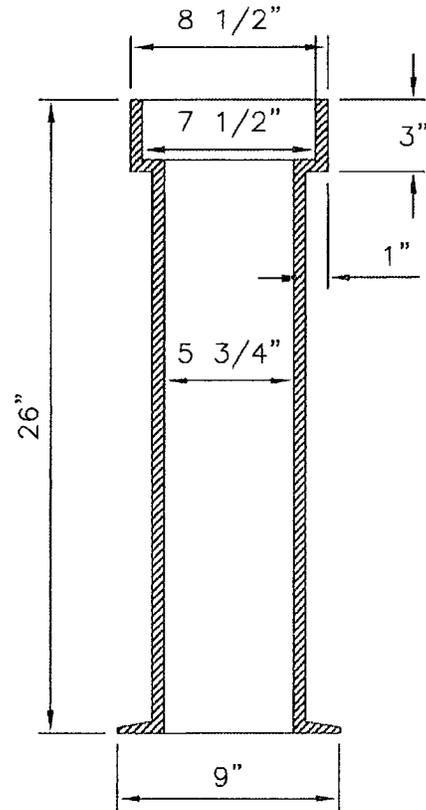
NOTES:

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

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 CITY ENGINEER

STANDARD SLIDE TYPE
 WATER VALVE BOX

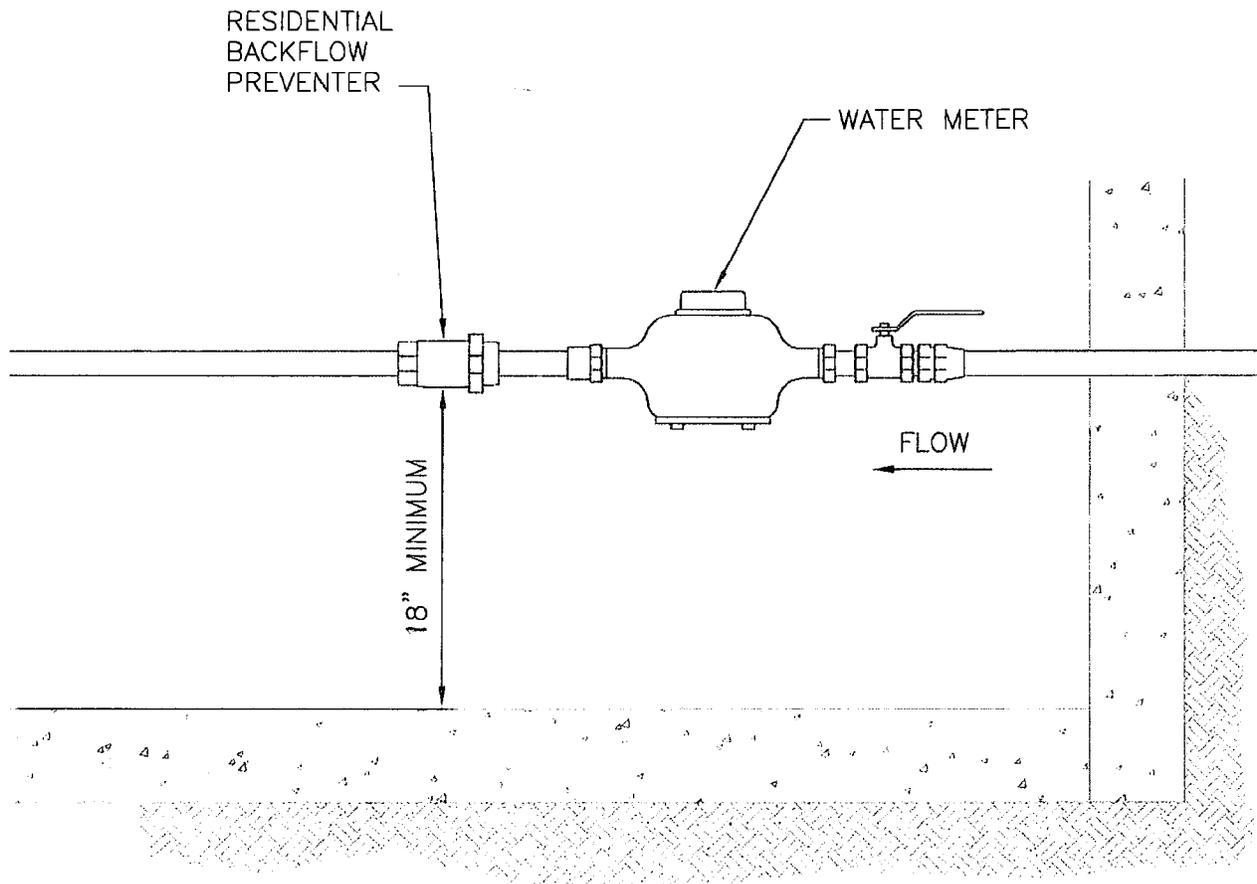
CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

REVISED: 8/15/13

DWG. BY: ...MAC...
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FILE NUMBER
 W-16



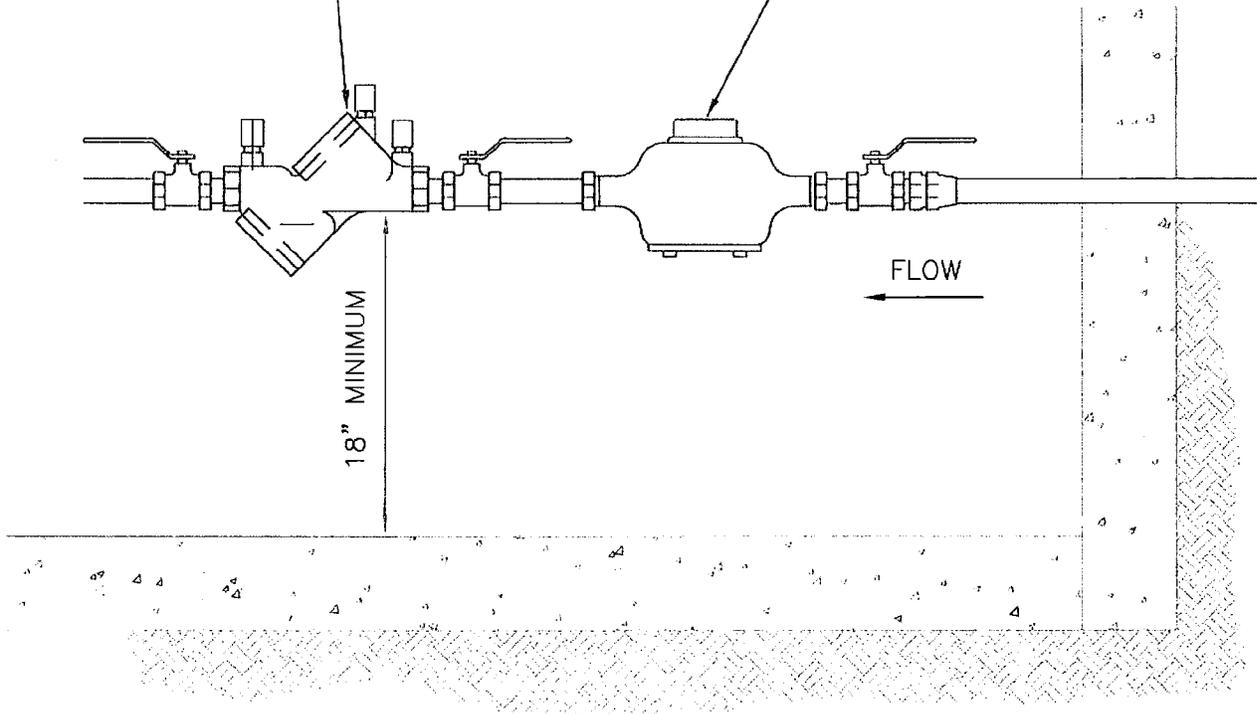
NOTE:

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

APPROVED _____ _____ CITY ENGINEER	STANDARD RESIDENTIAL METER SET & BACKFLOW PREVENTER	CITY OF LANCASTER, OHIO DEPARTMENT OF ENGINEERING				
REVISED: 8/15/13		<table border="1" style="width: 100%;"> <tr> <td data-bbox="1058 1822 1282 1900" style="text-align: center;"> STANDARD CONSTRUCTION DRAWING </td> <td data-bbox="1282 1822 1523 1900" style="text-align: center;"> FILE NUMBER </td> </tr> <tr> <td data-bbox="1058 1900 1282 1990"> DWG. BY: ...MAC... CHK'D BY: </td> <td data-bbox="1282 1900 1523 1990" style="text-align: center;"> W-17 </td> </tr> </table>		STANDARD CONSTRUCTION DRAWING	FILE NUMBER	DWG. BY: ...MAC... CHK'D BY:
STANDARD CONSTRUCTION DRAWING	FILE NUMBER					
DWG. BY: ...MAC... CHK'D BY:	W-17					

STANDARD METER/MEDIUM
HAZARD BACKFLOW
PREVENTER SET

WATER METER



FLOW
←

NOTE:

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

APPROVED _____

CITY ENGINEER

STANDARD METER/MEDIUM
HAZARD BACKFLOW
PREVENTER SET

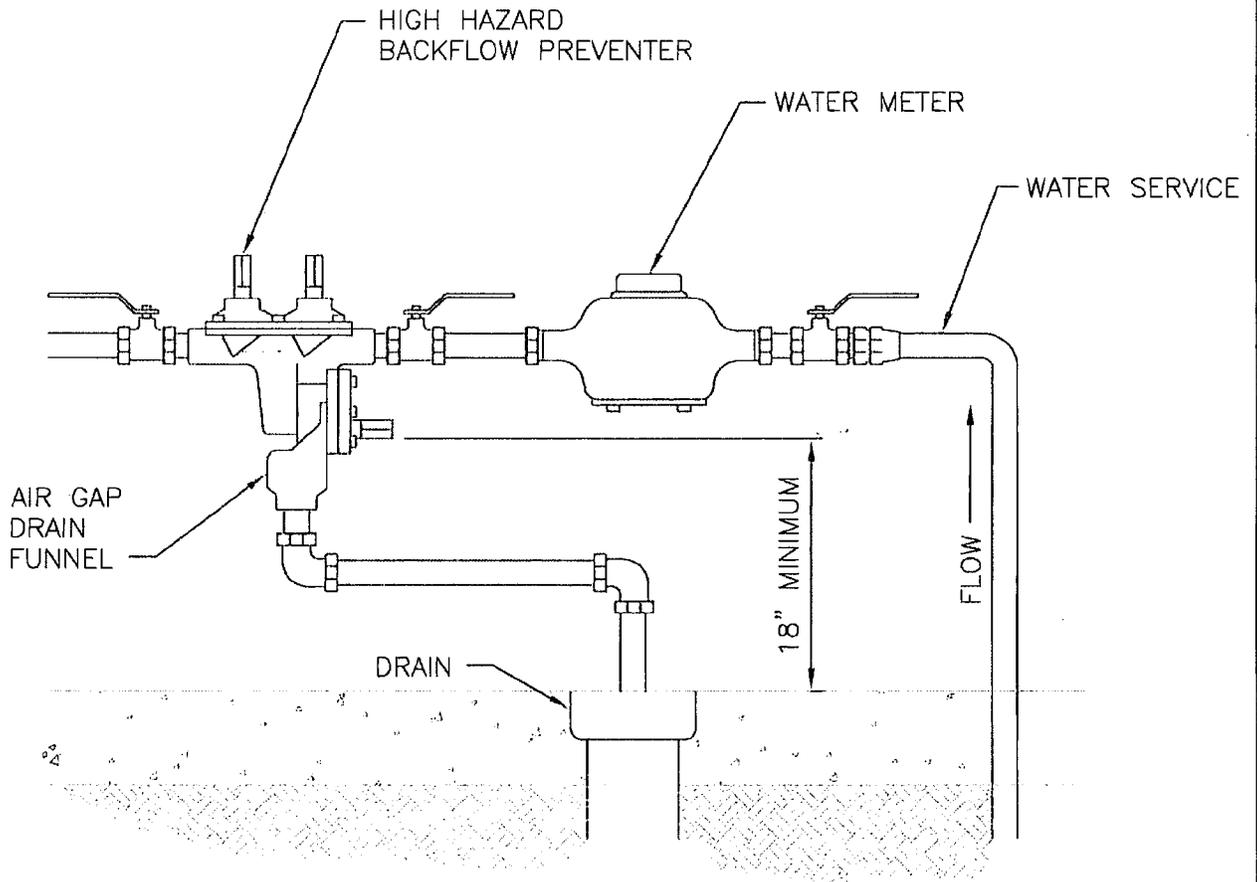
CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD
CONSTRUCTION DRAWING

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FILE NUMBER
W-18

REVISED: 8/15/13



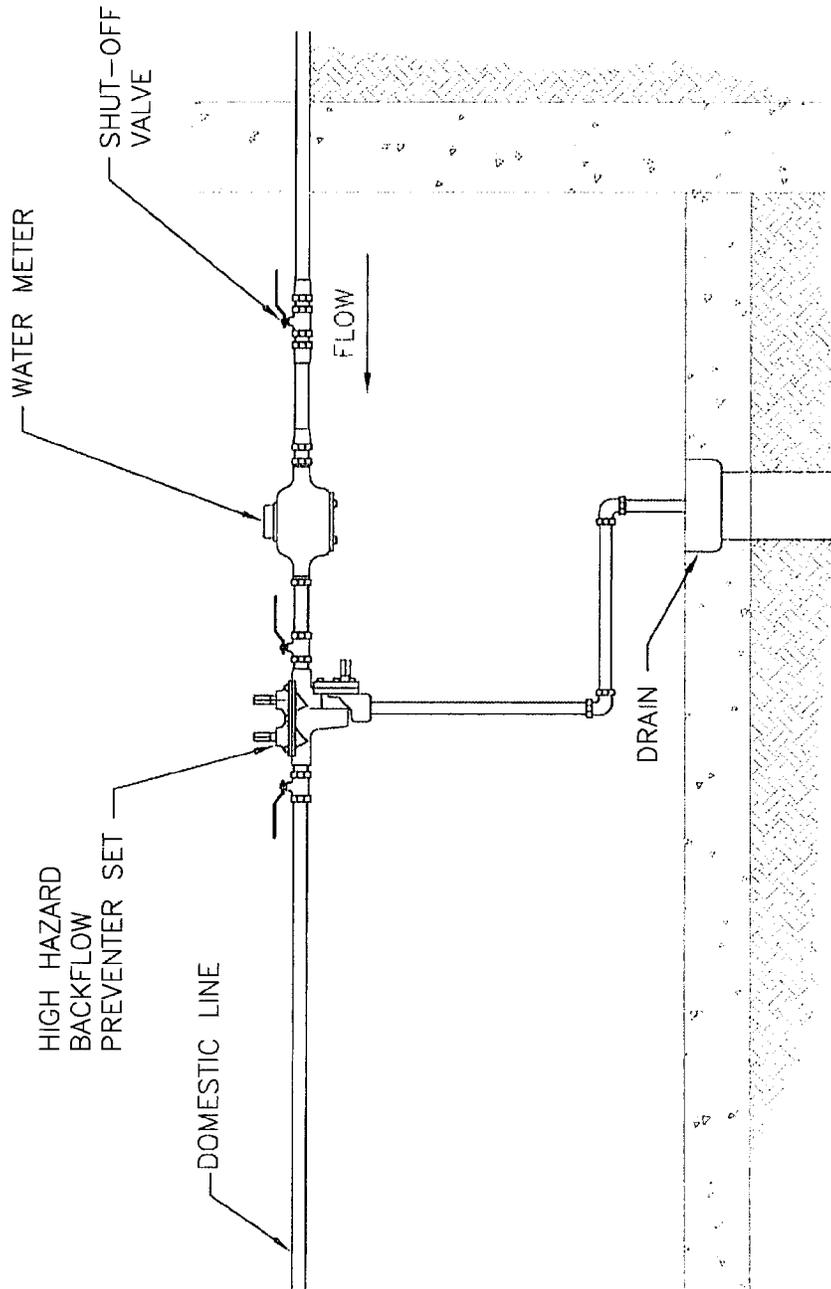
NOTES:

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 _____ _____ CITY ENGINEER	<p style="text-align: center;">COLD WEATHER INDOOR/ABOVE GROUND INSTALLATION OF HIGH HAZARD BACKFLOW PREVENTER AND METER SET</p>	CITY OF LANCASTER, OHIO DEPARTMENT OF ENGINEERING				
REVISED: 8/15/13		<p style="text-align: center;">STANDARD CONSTRUCTION DRAWING</p> <table border="1" style="width: 100%;"> <tr> <td data-bbox="1071 1900 1299 1942">DWG. BY: ...MAC.....</td> <td data-bbox="1299 1900 1546 1942">FILE NUMBER</td> </tr> <tr> <td data-bbox="1071 1942 1299 1984">CHK'D BY:</td> <td data-bbox="1299 1942 1546 1984" style="text-align: center; font-size: 1.5em;">W-19</td> </tr> </table>		DWG. BY: ...MAC.....	FILE NUMBER	CHK'D BY:
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.

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 CITY ENGINEER

REVISED: 8/15/13

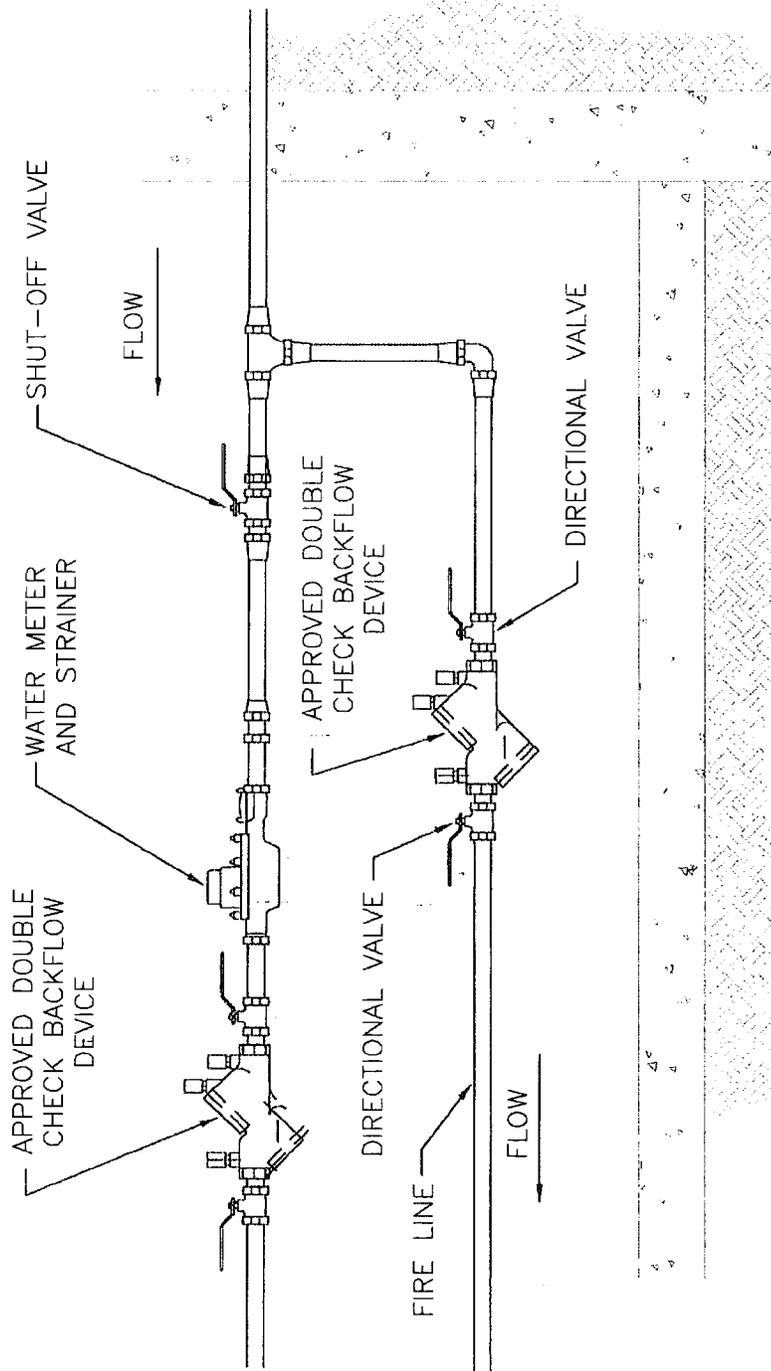
TYPICAL DOMESTIC
 WATER SERVICE WITH
 HIGH HAZARD
 BACKFLOW PREVENTER
 SET FOR IRRIGATION
 LINE

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

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

FILE NUMBER
 W-20



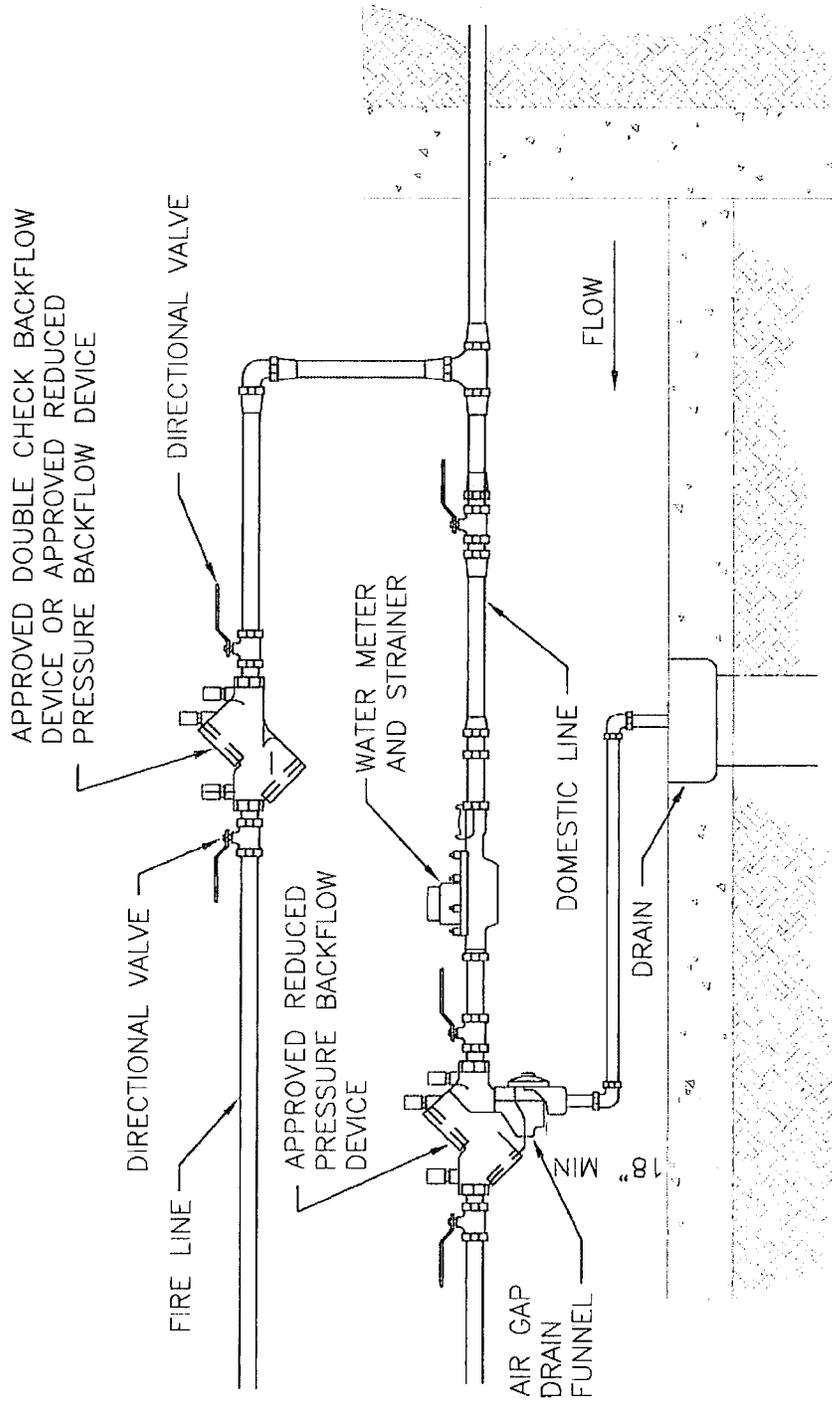
NOTES:
 IF ANY QUESTIONS CONTACT C.C. CONTROL METER REPRESENTATIVE OR
 WATER DISTRIBUTION MANAGER AT LANCASTER DIVISION OF WATER.
 DIRECTIONAL VALVE HANDLES SHALL BE REMOVED OR CHAINED AND
 LOCKED.

APPROVED _____

 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...
 CHK'D BY:
 FILE NUMBER
 W-21



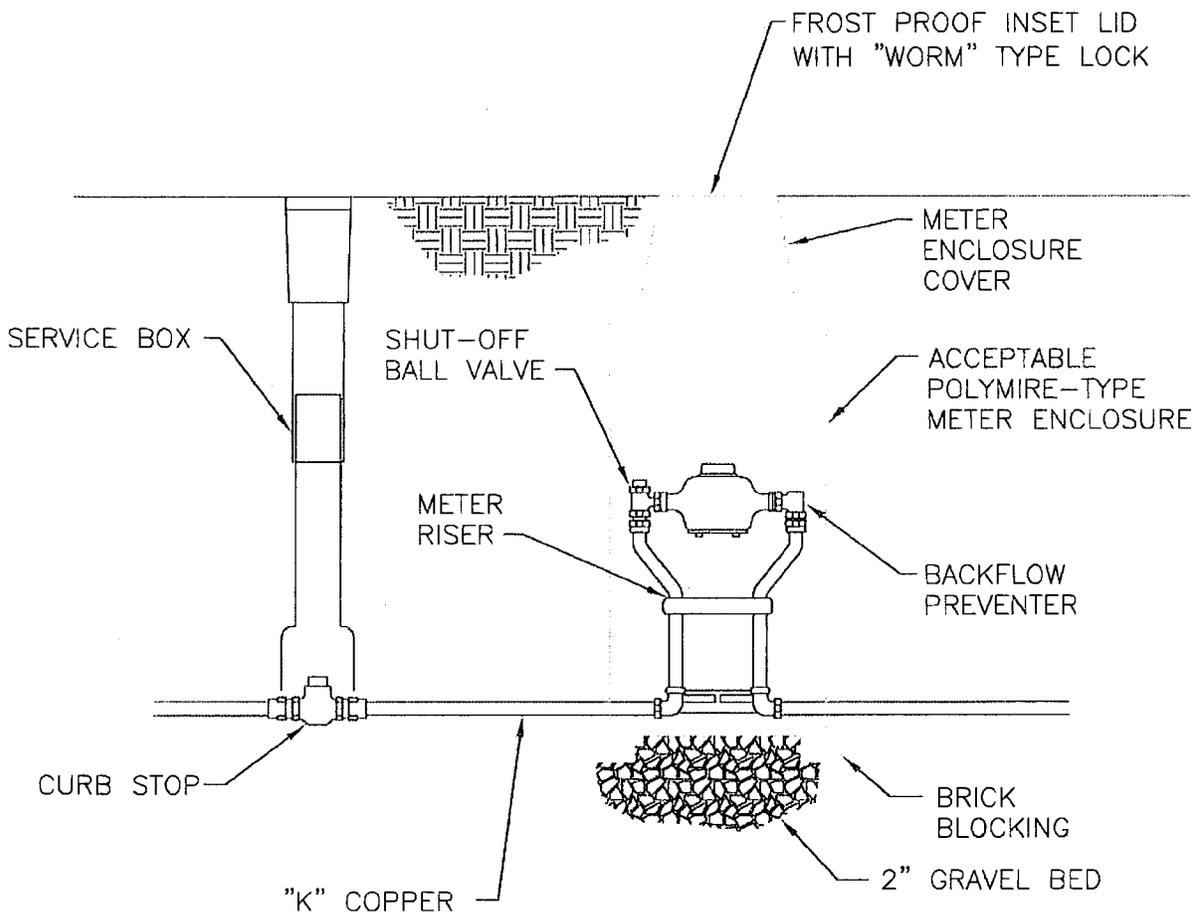
NOTES:
 IF ANY QUESTIONS CONTACT C.C. CONTROL METER REPRESENTATIVE OR WATER DISTRIBUTION MANAGER AT LANCASTER DIVISION OF WATER.
 DIRECTIONAL VALVE HANDLES SHALL BE REMOVED OR CHAINED AND LOCKED.

APPROVED _____

 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... FILE NUMBER
 CHK'D BY: W-22



NOTES:

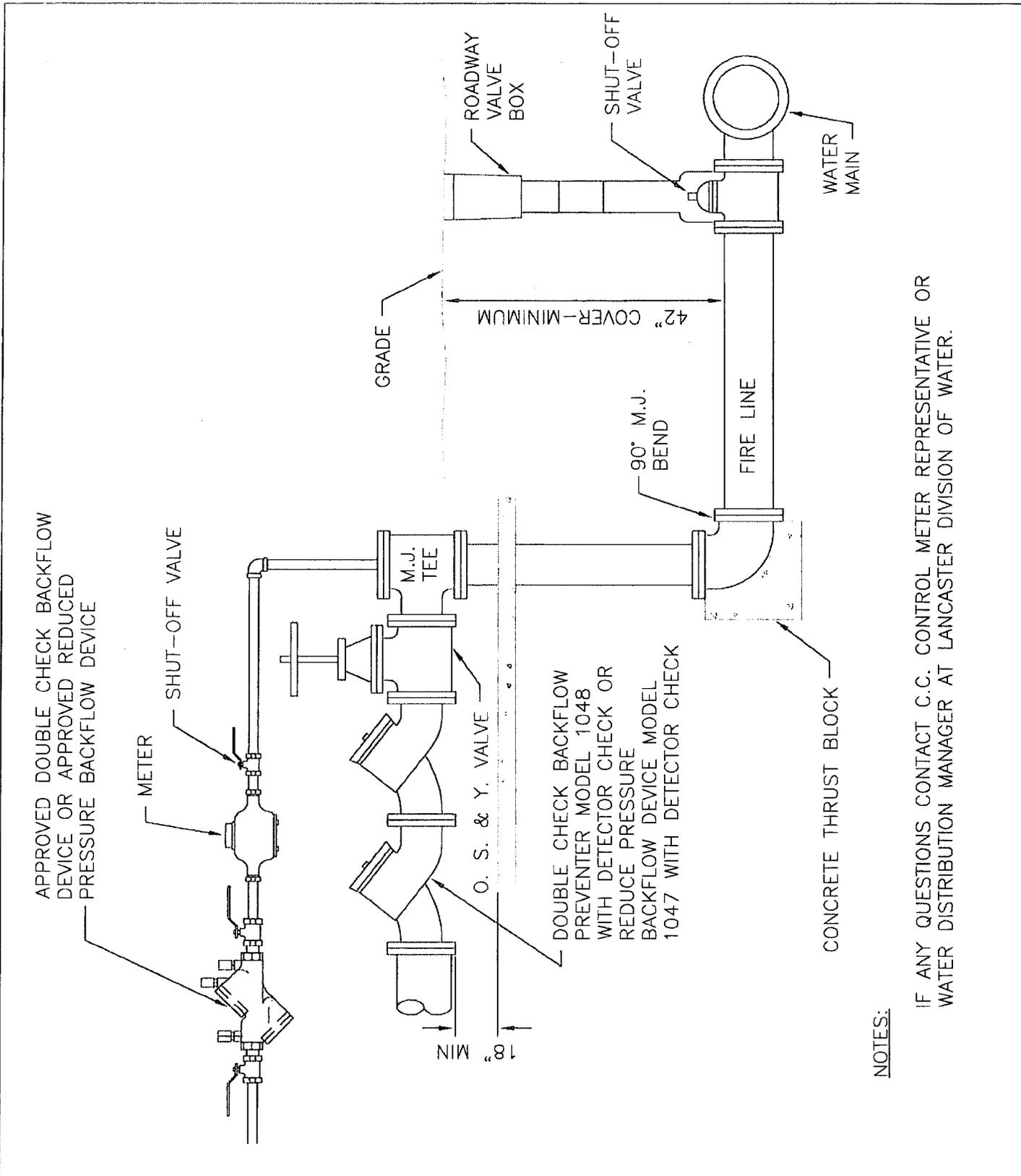
CURB STOP AND METER SET TO BE INSTALLED WITHIN A MINIMAL DISTANCE TO PROPERTY LINE AS APPROVED BY LANCASTER DIVISION OF WATER.

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 _____ _____ 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



NOTES:

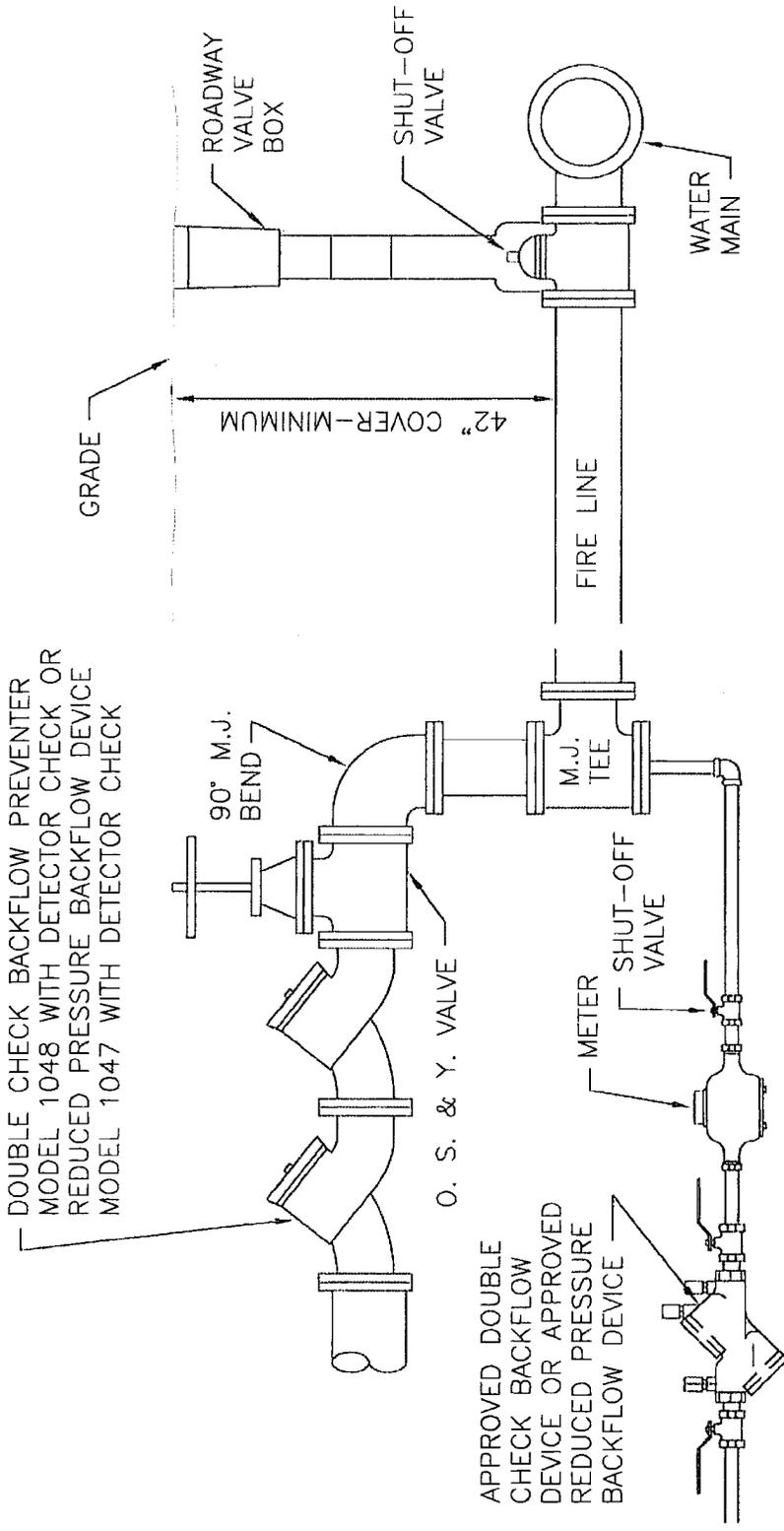
IF ANY QUESTIONS CONTACT C.C. CONTROL METER REPRESENTATIVE OR WATER DISTRIBUTION MANAGER AT LANCASTER DIVISION OF WATER.

APPROVED _____

 CITY ENGINEER
 REVISED: 8/15/13

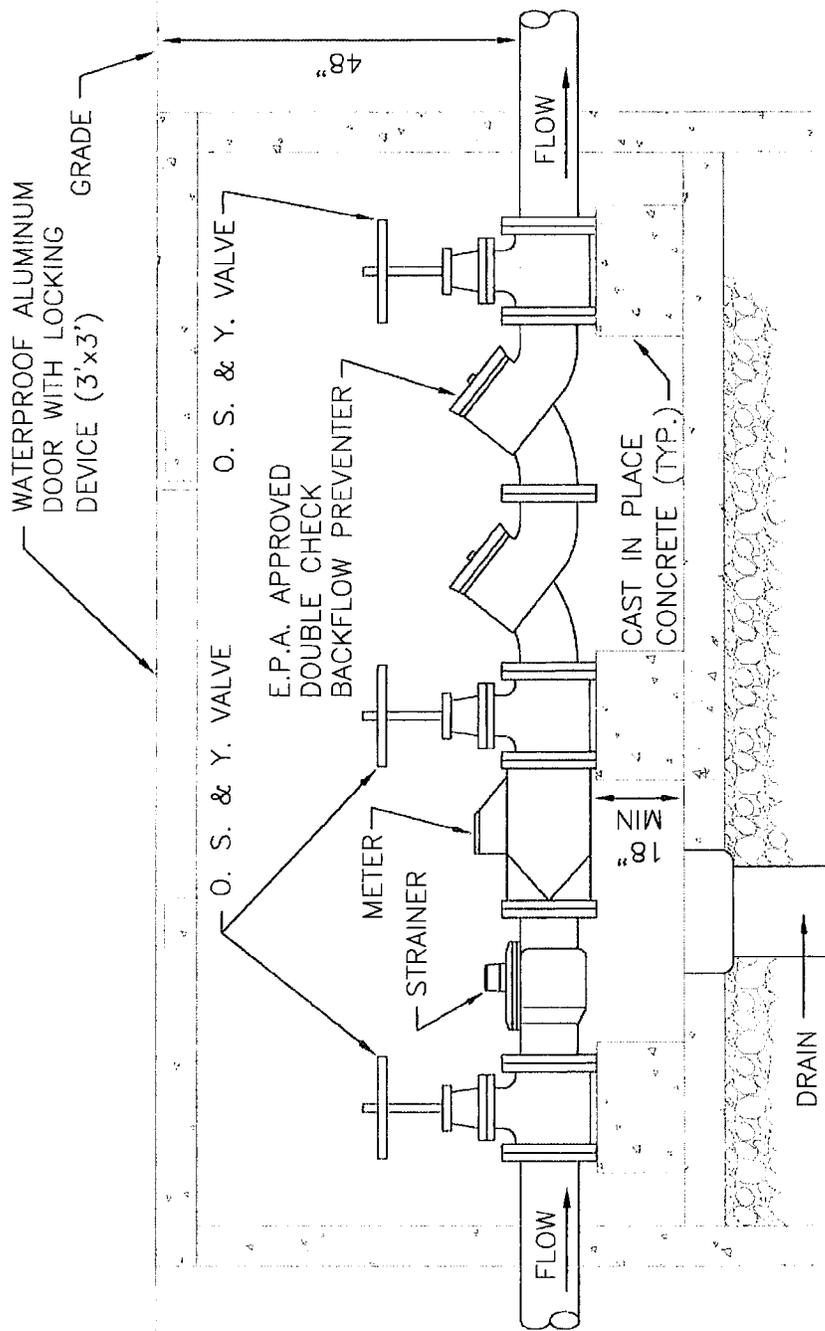
TYPICAL 4" TO 16"
 FIRE LINE CONNECTION
 TYPE "A"

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING
 STANDARD
 CONSTRUCTION DRAWING
 DWG. BY: ...MAC..... FILE NUMBER
 CHK'D BY: W-24



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

APPROVED _____ _____ CITY ENGINEER	TYPICAL 4" TO 16" FIRE LINE CONNECTION TYPE "B"	CITY OF LANCASTER, OHIO DEPARTMENT OF ENGINEERING	
REVISED: 8/15/13		DWG. BY: ...MAC... CHK'D BY:	STANDARD CONSTRUCTION DRAWING FILE NUMBER W-25



NOTES:

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

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 CITY ENGINEER

REVISED: 8/15/13

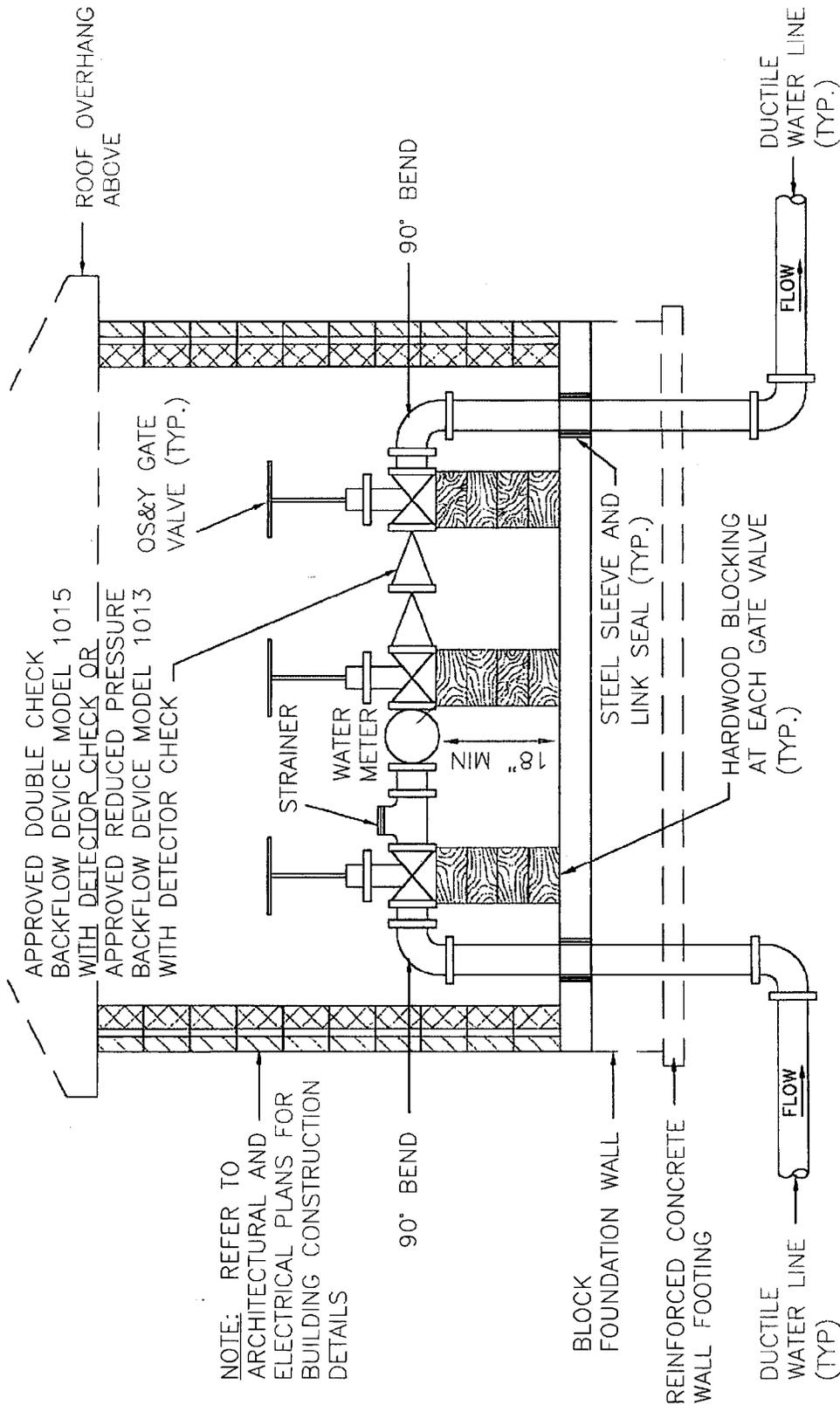
4", 6", 8", & 12"
 RESIDENTIAL/COMMERCIAL
 WATER METER/BACKFLOW
 PREVENTER VAULT

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

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 CHK'D BY:

FILE NUMBER
 W-26



APPROVED _____

 CITY ENGINEER

REVISED: 8/15/13

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

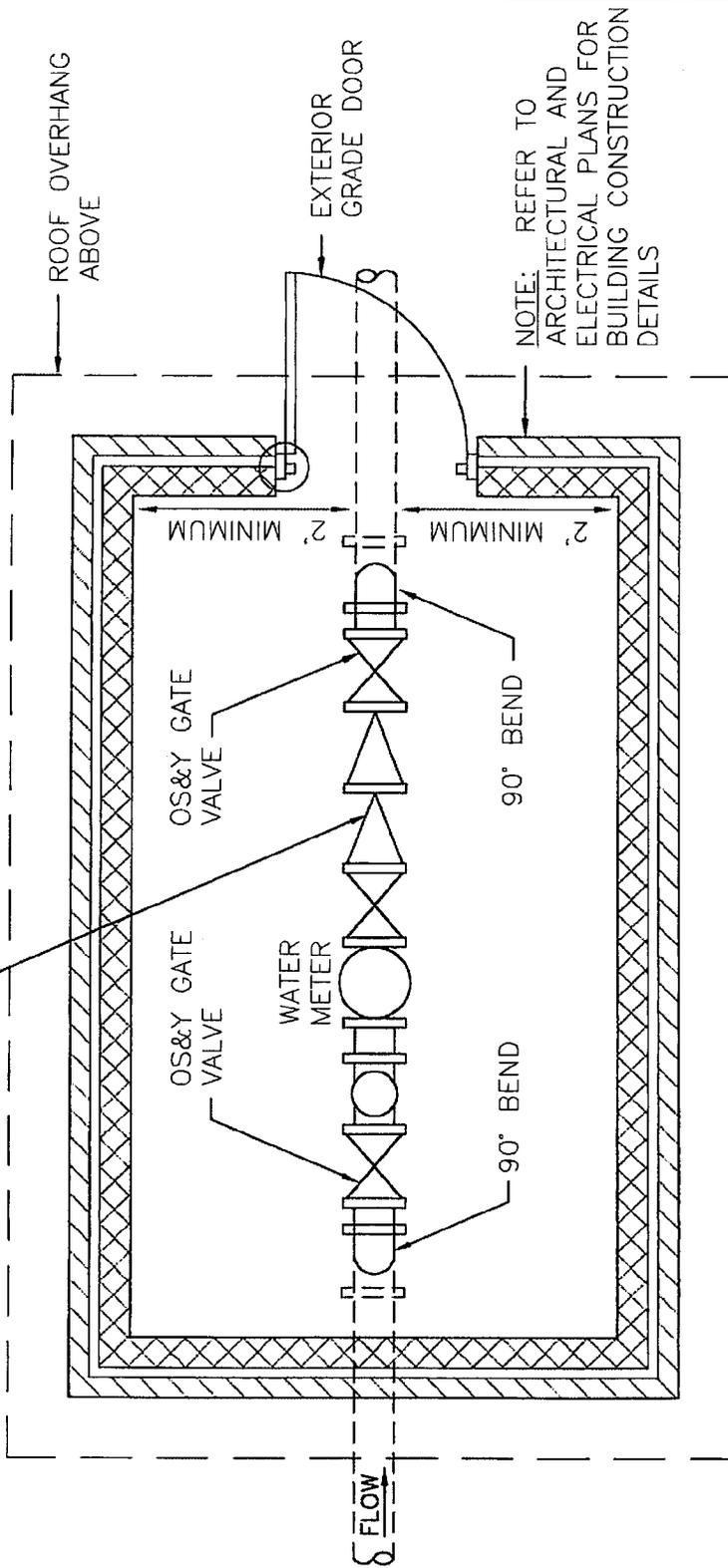
CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

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 _____

 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