

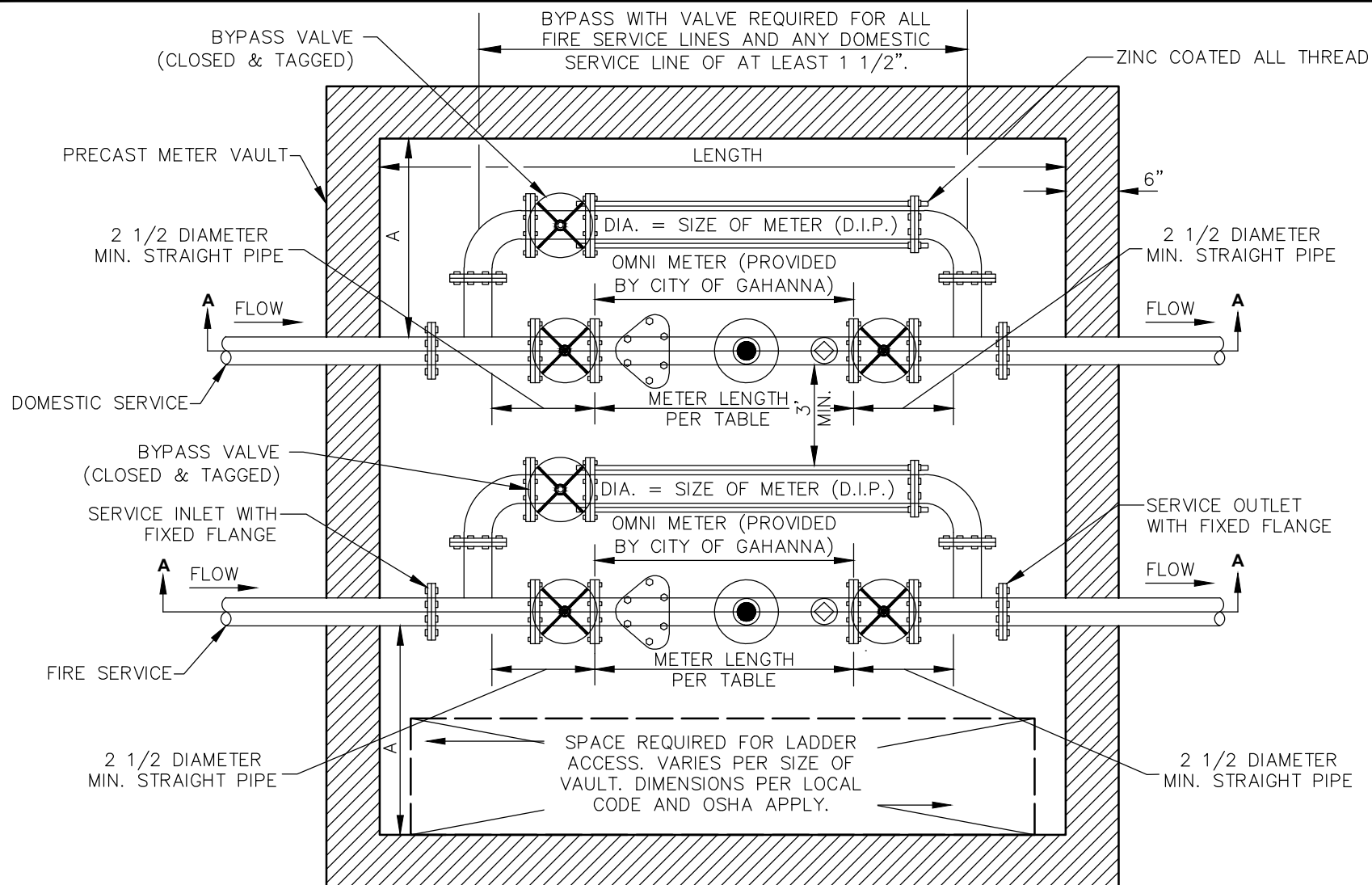
SCALE: NTS

METER DETAILS

1 OF 2

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METER VAULT SETTING
PLAN VIEW


Gahanna
**METER VAULT PLAN VIEW**

METER SIZE	INSIDE VAULT DIMENSION		METER LENGTH		MIN. WALL CLEARANCE
	LENGTH	WIDTH	FIRE	DOMESTIC	A
1-1/2"	8'-0"	CALCULATE AND PROVIDE WIDTH BASED ON CLEARANCE REQUIREMENTS OF THIS DETAIL AND PROPOSED PIPING DESIGN	-	1'-1"	2'-6"
2"	8'-0"		-	1'-3 1/4"	2'-6"
3"	8'-0"		-	1'-5"	2'-6"
4"	8'-0"		2'-9"	1'-8"	3'-0"
6"	10'-0"		3'-9"	2'-0"	4'-0"
8"	11'-0"		4'-5"	2'-6 1/8"	4'-6"
10"	15'-0"		5'-8"	3'-5 1/8"	5'-0"

GENERAL NOTES:

1. METER BYPASS LINE MAY BE ORIENTED HORIZONTALLY AROUND THE METER (AS SHOWN) OR VERTICALLY (NOT SHOWN).
2. A GRAVITY DRAIN OR SUMP PUMP IS REQUIRED FOR ALL METER VAULTS.

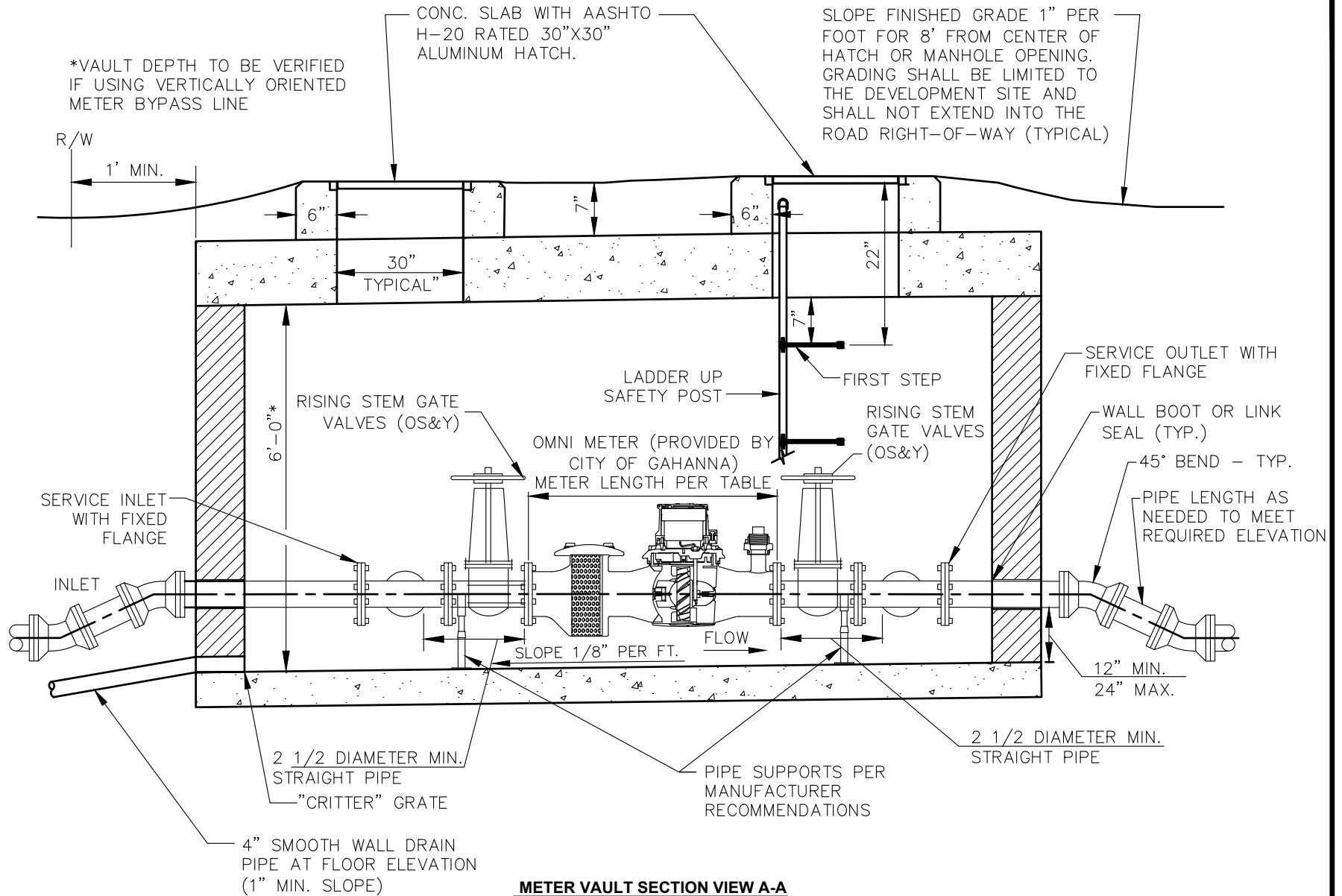
SCALE: NTS

METER DETAILS

2 OF 2

METER VAULT SETTING
SECTION VIEW

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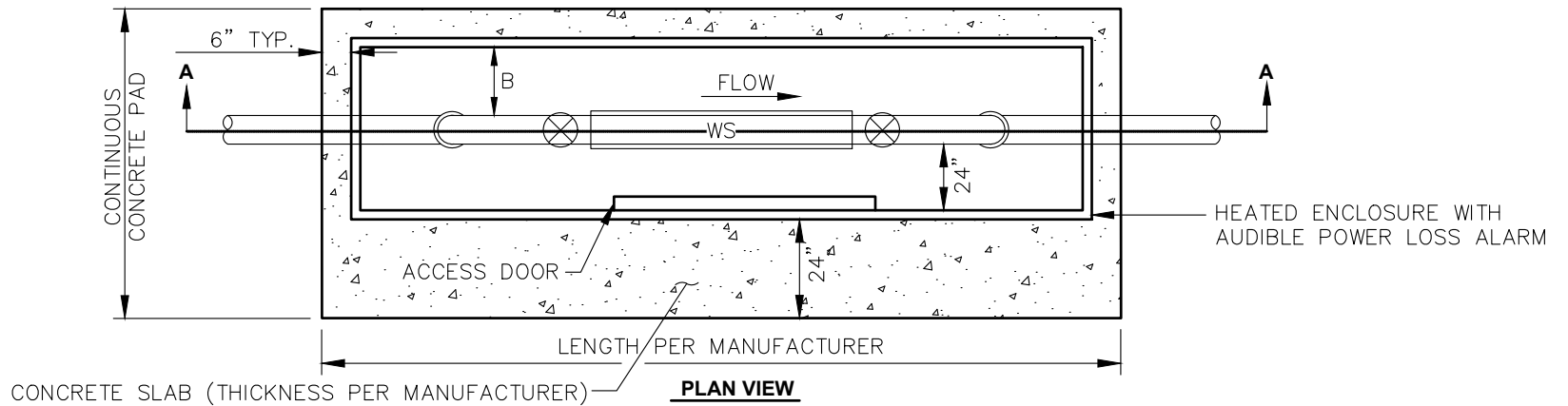
BACKFLOW PREVENTION DETAILS

1 OF 1

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HEATED ENCLOSURE BACKFLOW PREVENTER SETTING

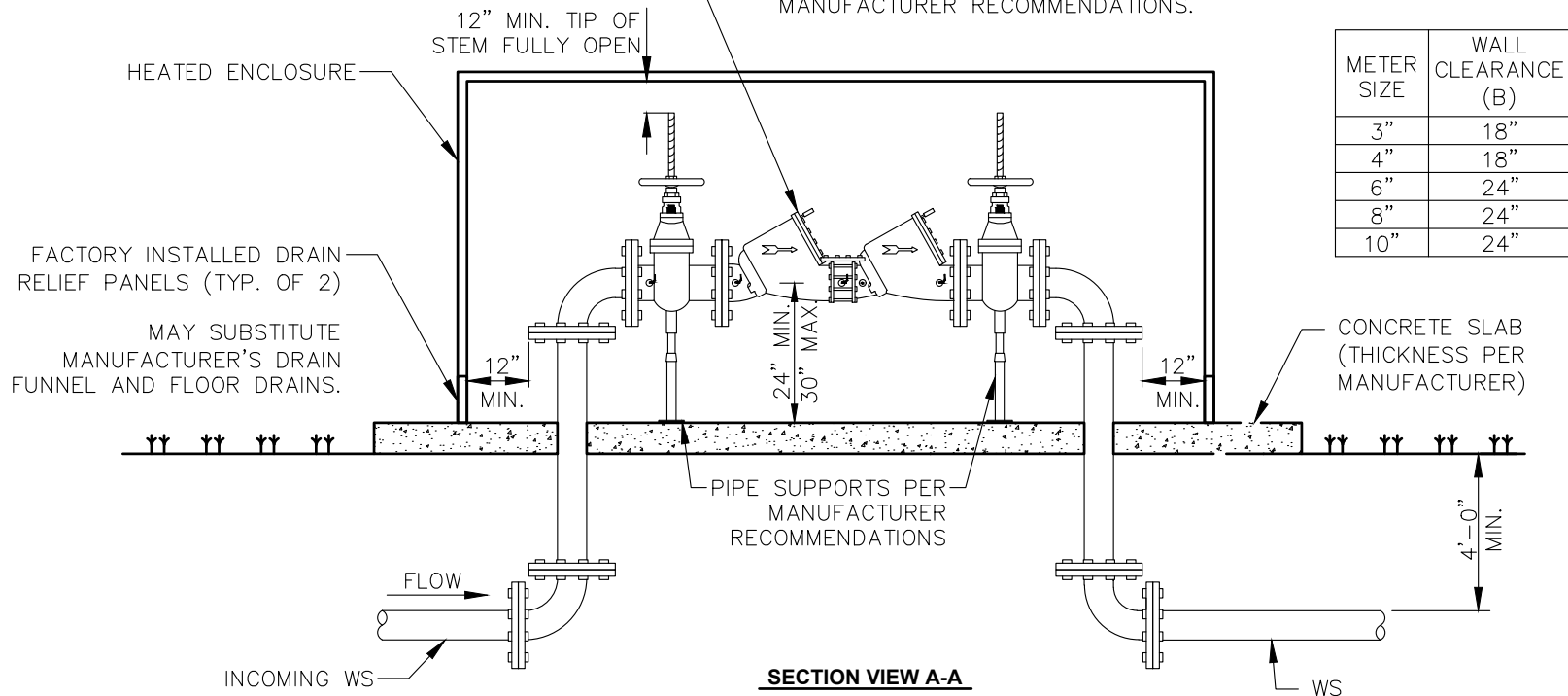
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ASSE 1013 REDUCED PRESSURE PRINCIPLE (RP) BACKFLOW PREVENTERS REQUIRED FOR BOTH DOMESTIC AND FIRE SERVICE LINES. DESIGN DRAWINGS SHALL INCLUDE MAKE/MODEL OF BACKFLOW DEVICE(S).

NOTES:

1. IF DIMENSIONS AND CLEARANCES ARE NOT PROVIDED IN MANUFACTURER SPECIFICATIONS, THOSE SHOWN IN THESE DETAILS SHALL BE CONSIDERED MINIMUMS
2. EXTEND CONCRETE PAD 24" BEYOND ENCLOSURE ON SAME SIDE AS ACCESS DOOR AND TEST COCKS.
3. DESIGN ENGINEER SHALL BE RESPONSIBLE TO VERIFY SPECIFIC BACKFLOW PREVENTER MODEL FITS IN ENCLOSURE.
4. PROVIDE PIPE SUPPORTS PER BACKFLOW PREVENTER ASSEMBLY AND VALVE MANUFACTURER RECOMMENDATIONS.



METER SIZE	WALL CLEARANCE (B)
3"	18"
4"	18"
6"	24"
8"	24"
10"	24"

SCALE: NTS

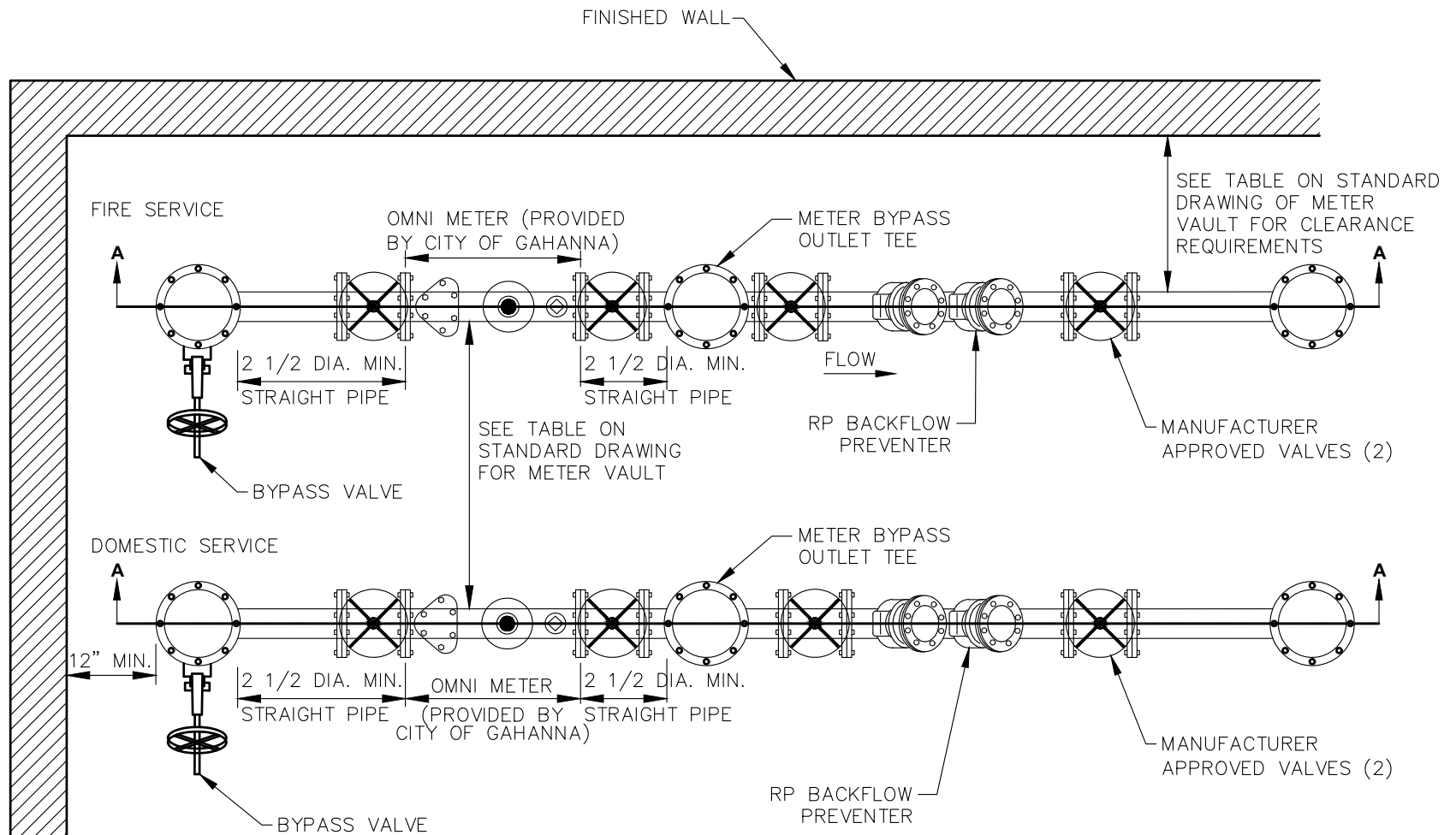
METER AND BACKFLOW PREVENTION DETAILS

1 OF 2

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INSIDE BUILDING
METER AND BACKFLOW PREVENTER
SETTINGS

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NOTES:

1. BACK WALL CLEARANCE SHALL MEET THE REQUIREMENTS OF CITY OF GAHANNA STANDARD DRAWING FOR METER VAULTS.
2. ASSE 1013 REDUCED PRESSURE PRINCIPLE (RP) BACKFLOW PREVENTERS REQUIRED FOR BOTH DOMESTIC AND FIRE SERVICE LINES. DESIGN DRAWINGS SHALL INCLUDE MAKE/MODEL OF BACKFLOW DEVICE(S).

DOMESTIC OR FIRE SERVICE LINE IN PLUMBING ROOM PLAN VIEW

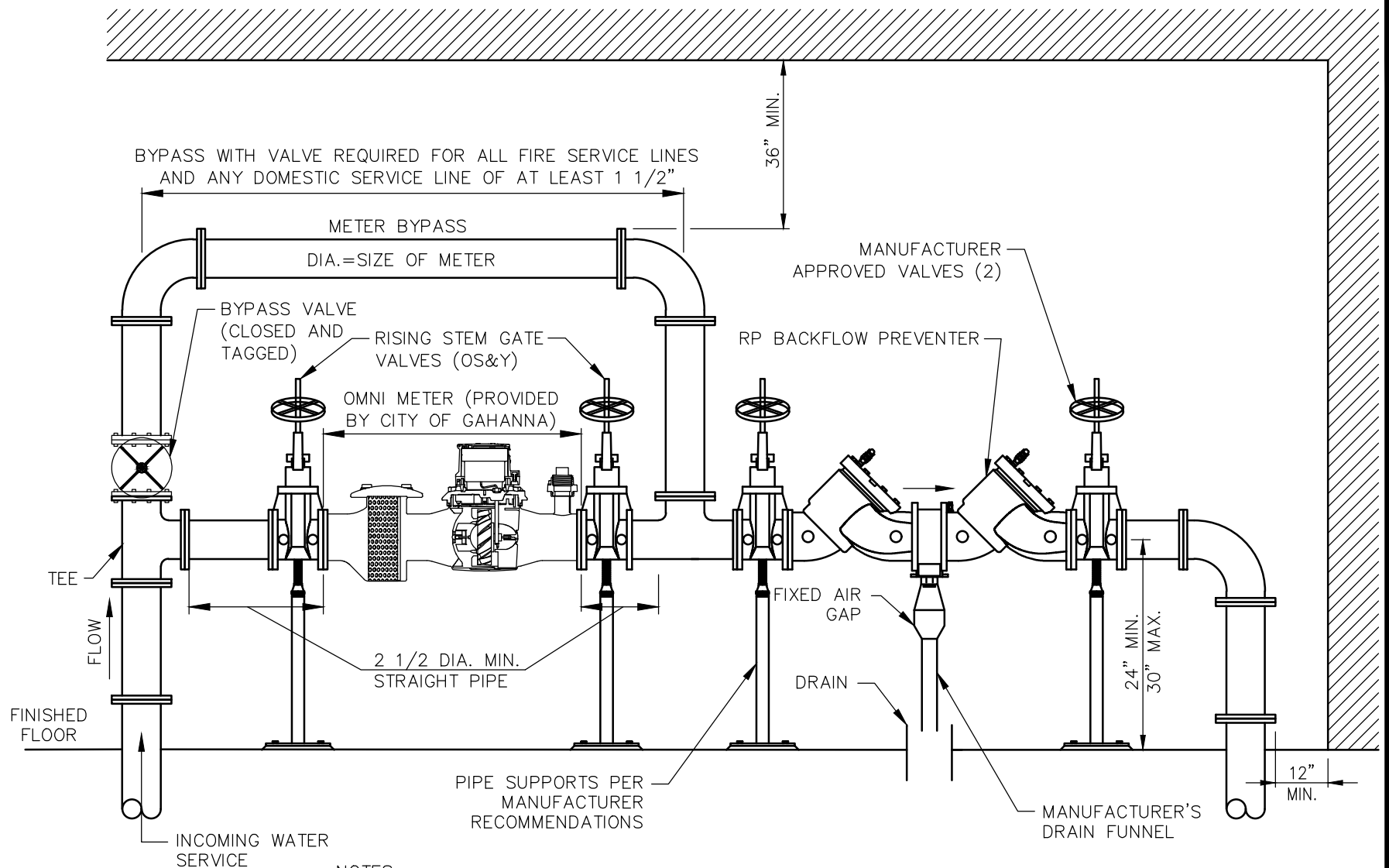
SCALE: NTS

METER AND BACKFLOW PREVENTER DETAILS

2 OF 2

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INSIDE BUILDING
METER AND BACKFLOW PREVENTER
SETTINGS



NOTES:

1. THE METER SETTING AND RP ASSEMBLY TO BE A MINIMUM 24" AND A MAXIMUM OF 30" ABOVE FINISHED FLOOR. A MINIMUM 12" WALL AND FLOOR CLEARANCE IS REQUIRED FOR ALL COMPONENTS WITHIN THE PLUMBING ROOM.
2. PIPE SUPPORTS REQUIRED FOR FIRE SERVICE. DOMESTIC SERVICE MAY USE PIPE SUPPORTS OR SOLID CONCRETE SUPPORT BLOCKS.

DOMESTIC OR FIRE SERVICE LINE IN PLUMBING ROOM SECTION A-A