



- A = SPACE REQUIRED FOR METER & COUPLING FROM FACE OF FLANGES.
- B = MINIMUM AND MAXIMUM DISTANCE FROM ϵ OF PIPING TO FLOOR OR OBSTRUCTION BELOW METER
- C = MINIMUM DISTANCE FROM ϵ OF PIPING TO WALL OR OBSTRUCTION BEHIND METER
(WHEN BY-PASS ABOVE METER*, OR WHEN BY-PASS OUTSIDE PIT)
- D = MINIMUM DISTANCE FROM ϵ OF PIPING TO PERMANENT OBSTRUCTION ABOVE METER
- E = MINIMUM DISTANCE FROM ϵ OF PIPING TO ϵ OF BY-PASS WHEN BY-PASS IS ABOVE METER*
- F = MINIMUM DISTANCE FROM ϵ OF PIPING TO ϵ OF BY-PASS WHEN BY-PASS IS TO SIDE OF METER*
- G = MINIMUM DISTANCE FROM ϵ OF PIPING TO WALL OR PERMANENT OBSTRUCTION IN FRONT OF METER
- H = MINIMUM OF FIVE TIMES THE DIAMETER OF STRAIGHT PIPE BEFORE THE METER (NOT INCLUDING THE VALVE).
- I = MINIMUM OF THREE TIMES THE DIAMETER OF STRAIGHT PIPE AFTER THE METER (NOT INCLUDING THE VALVE).

PIPE SIZE	METER SIZE	A		B		C	D	E *	F *	G	H	I
4"	4"	14 1/4" MIN.	14 3/8" MAX.	17" MIN.	34" MAX.	20" MIN.	38" MIN.	28" MIN.	39" MIN.	36" MIN.	20"	12"
6"	6"	18 1/4" MIN.	18 3/8" MAX.	18" MIN.	32" MAX.	25" MIN.	42" MIN.	32" MIN.	39" MIN.	39" MIN.	30"	18"
8"	8"	20 1/4" MIN.	20 3/8" MAX.	20" MIN.	30" MAX.	28" MIN.	47" MIN.	38" MIN.	42" MIN.	45" MIN.	40"	24"
10"	10"	18 1/4" MIN.	18 3/8" MAX.	22" MIN.	28" MAX.	30" MIN.	51" MIN.	43" MIN.	46" MIN.	54" MIN.	50"	30"

* APPLIES ONLY WHEN METER INSIDE BUILDING

NOTES:

1. SPACE A IS FACE TO FACE OF FLANGED VALVE OR FITTING.
2. NO OBSTRUCTION SHALL BE PLACED IN FRONT OF METER WHICH CANNOT BE READILY MOVED FOR READING, REPAIR OR REPLACEMENT OF METER.
3. ALL METERS SHALL BE INSTALLED IN A HORIZONTAL POSITION.
4. METER SHALL BE LOCATED SUCH THAT IT WILL NOT BE SUBJECTED TO FREEZING OR EXCESSIVE HEAT.
5. METER PIT OPENING TO BE CENTERED AT EQUAL DISTANCE BETWEEN FACE OF FLANGES, VALVES, FITTINGS OR ADAPTER AND CENTERED LONGITUDINALLY OVER METER.
6. METER PIT LIDS SHALL BE EQUIPPED WITH LOCKING ARM DEVICES TO HOLD LID IN UPRIGHT POSITION.
7. ALL VALVES SHALL BE GATE VALVES IN ACCORDANCE WITH UTILITIES MATERIALS STANDARDS.
8. ALL METERS IN PITS SHALL HAVE INLET, OUTLET AND BY PASS VALVES LOCATED OUTSIDE OF THE METER PITS, WITH BYPASS VALVE CENTERED AT EQUAL DISTANCE BETWEEN INLET AND OUTLET VALVES. ALL VALVES SHALL OPEN CLOCKWISE.
9. SUMP HOLE SHALL BE LOCATED TO PROVIDE MAXIMUM CLEARANCE OF METER SETTING.
10. METER PITS SHALL NOT BE INSTALLED IN STREETS, PARKING LOTS, DRIVEWAYS OR ANY AREA WHERE VEHICULAR TRAFFIC MAY OCCUR WITHOUT PRIOR APPROVAL OF THE UTILITY.
11. A RECTANGULAR PIT IS SHOWN FOR ILLUSTRATIVE PURPOSES AND SHALL NOT PRECLUDE THE OPTIMAL USE OF A PRE-CAST ROUND PIT OF ADEQUATE INSIDE DIMENSION TO PROVIDE REQUIRED CLEARANCES.
12. NO ELECTRICAL OUTLET, CONDUIT, LIGHT FIXTURE, PUMP OR ANY OTHER ELECTRICAL APPARATUS SHALL BE INTRODUCED INTO A METER PIT.