



METAL DOOR "H" BILCO
JD-AL (OR APPROVED EQUAL)
CENTERED ON METER SPREAD

PLASTIC STEPS - PS1-PF (AS
MANUFACTURED BY MA INDUSTRIES
OR APPROVED EQUAL) AT 12" C.C.

STANDARD METER PIT MINIMUM DIMENSIONS								
SERVICE SIZE	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"
3"	2'-6"	2'-0"	1'-0"	11'-0"	1'-6"	3'-10"	1'-6"	48" X 48"
4"	2'-6"	2'-0"	1'-0"	11'-0"	1'-6"	4'-8"	1'-6"	
6" AND LARGER	3'-0"	2'-0"	1'-2"	13'-0"	1'-6"	5'-0"	1'-6"	
6" W/ MASTER METER	3'-6"	3'-6"	1'-2"	14'-0"	1'-6"	6'-0"	1'-6"	60" X 60"
8" W/ MASTER METER	4'-0"	4'-0"	1'-4"	15'-0"	1'-6"	7'-6"	1'-6"	
10" W/ MASTER METER	4'-0"	4'-0"	1'-6"	16'-0"	1'-6"	8'-0"	1'-6"	

NOTES:

1. DIMENSIONS SHOWN ARE INSIDE MEASUREMENTS OF PIT.
2. ALL PIPE SHALL BE FLANGED END DUCTILE CAST IRON (CL-51).
3. ALL VALVES SHALL BE FLANGED END, HANDWHEEL OPERATED, RISING STEM, OS&Y RESILIENT WEDGE - ALL MUST OPERATE IN THE SAME DIRECTION.
4. PIT WORKING HEIGHT INSIDE - 6' MINIMUM.
5. ALL PIPE MUST HAVE MINIMUM 48" COVER AND 18" MINIMUM ABOVE FLOOR
6. WALLS TO BE FORMED CONCRETE OR PRE-CAST
7. CONCRETE FLOOR WITH 2'x2'x2' SUMP PIT AND PERMANENT SUMP PUMP WITH MINIMUM DISCHARGE OF 500 G.P.H.. PROVIDE PERMANENT POWER SUPPLY FOR SUMP PUMP PER LOCAL ELECTRICAL CODES. SECURE POWER CORD TO SUMP PUMP DISCHARGE PIPING WITH NYLON CABLE TIES.
8. PIPING AND METER MUST BE ADEQUATELY SUPPORTED WITH CONCRETE PIPE SUPPORTS OR 304 STAINLESS STEEL SUPPORTS.
9. ALTERNATE DESIGNS PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF OHIO MAY BE SUBMITTED TO MCES FOR APPROVAL.
10. METER FLANGED END MUST BE UNI-FLANGED.
11. 1/2" HOLE REQUIRED IN METER PIT ACCESS DOOR /LID FOR HAZARDOUS GAS TESTING. PROVIDE 1 7/8" DIA. HOLES IN DOOR FOR INSTALLATION OF REMOTE READ PAD FOR EACH METER.
12. METER ONE SIZE SMALLER THAN PIPING MAY BE INSTALLED USING REDUCERS BEFORE AND AFTER METER.
13. METER SHALL BE SUPPLIED BY COUNTY TO CONTRACTOR TO BE INSTALLED WITH OTHER PIPING FOR PROPER ALIGNMENT. METER TO BE INSTALLED IN CENTER OF METER SPREAD.
14. TOP SLAB OF METER PIT TO BE INSTALLED AFTER INSTALLATION OF MASTER METER
15. BACKFLOW PREVENTION DEVICE AS SPECIFIED BY MCES WILL BE REQUIRED AT SERVICE ENTRANCE.
16. NO CONNECTIONS ARE ALLOWED BETWEEN THE METER AND BACKFLOW PREVENTER.

MONTGOMERY COUNTY
ENVIRONMENTAL SERVICES



METER PIT INSTALLATION
FOR
3"-10" SERVICE LINES
(FOR OFF ROAD USE ONLY)

SCALE : NONE

DATE : 11/21/2019