

- NOTES:**
1. ALL UNDERGROUND JOINTS MUST BE RESTRAINED.
  2. INSIDE PIPING SHALL BE D.I.P. CLASS 51 TO FLANGE. FROM FLANGE TO METER VALVES AND BYPASS, PIPE TO BE D.I.P., K-COPPER OR BRASS. RISER MUST BE LOCATED NEXT TO THE OUTSIDE WALL WHERE IT ENTERS THE STRUCTURE.
  3. INSTALL REMOVE READ PAD FOR EACH METER, SEE STANDARD INSTALLATION FOR REMOVE WATER METER\* DETAIL, IF TELEPHONE READ (MKU) OR RADIO READ (MKU) IS NOT REQUIRED.
  4. ALTERNATE DESIGN MAY BE SUBMITTED FOR CONSIDERATION.
  5. INSIDE METER SET NOT PERMITTED IF THE DOMESTIC METER WILL BE MORE THAN 100 FEET FROM THE RIGHT OF WAY/ EASEMENT LINE TO PROPOSED METER LOCATION.
  6. OUTSIDE ACCESS DOOR TO METER ROOM IS REQUIRED.
  7. MONITOR METER SHALL BE INSTALLED A MAXIMUM OF 4'-6" ABOVE THE FLOOR. METER MUST READ IN CURB FEET AND HAVE REMOVE READ REGISTER.
  8. ALL PIPING, VALVES, METERS, ETC. MUST HAVE 18" MINIMUM CLEARANCE (WITH ANY WALL, FLOOR, OTHER PIPING, ETC.)
  9. 1 1/2" AND 2" DOMESTIC METER SETS MAY USE COPPER SETTERS. FORD V8876-188 FOR 1 1/2" DIA. PIPE OR V8877-188 FOR 2" DIA. PIPE.

**\*\* METER SPREAD**  
 5/8" METER - 501 YOKE 3/4"  
 METER - 503 YOKE  
 1" METER - 504 YOKE  
 1 1/2" DIA. LINE - 13 1/4"  
 2" DIA. LINE - 17 1/4" \*\*\* 3"  
 DIA. LINE - 46" \*\*\*  
 4" DIA. LINE - 56"  
 6" DIA. LINE - 60"

DOUBLE DETECTOR OR MONITOR VALVE ASSEMBLY BACKFLOW PREVENTER PER GATE VALVE AND CONCENRIC TEE FLANGE NO ADVANCE RIGID FLANGE AND GRES IN MINIMUM 1'5" FLOOR OR ABOVE TO ROOM TO SUB

1 1/2" DIA. WITH VICES PASSED, AND LARGER SERVICES BY PATER BE PROVISIONS. MIN. 15" REDUCERS MUST HAVE 1" METER 1 1/2" NO BYPASS REQUIRED MUST AND WITH METER YOKES AFTER METER. \*\* METER SPREADS ORDER

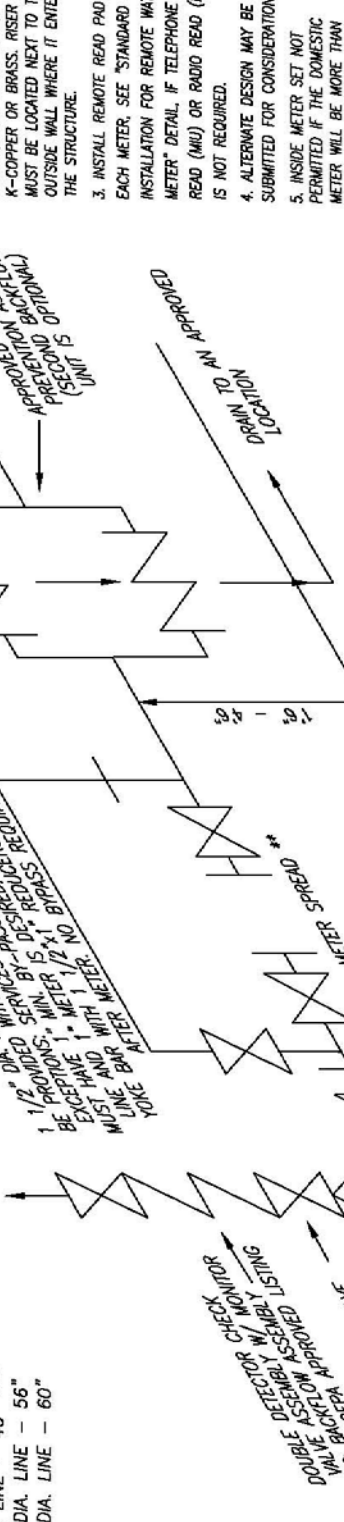
APPROVED BACKFLOW PREVENTION ASSEMBLY (SECOND OPTIONAL UNIT IS OPTIONAL)

NO BENDS FROM MAIN TO BUILDING. EXCEPTION FOR 3" AND LARGER SERVICE LINES; IF BEND IS ON SIDE OF BUILDING, ALL REQUIREMENTS ARE MET

MOUNTGOMERY COUNTY ENVIRONMENTAL SERVICES

COMBINATION FIRE LINE / DOMESTIC IN BUILDING

SCALE : NONE DATE : 6/1/2020



\*\*\* IF A 2" DIA. LINE AND 1 1/2" METER IS DESIRED, METER SPREAD MUST BE 17 1/4" ON THE 2" SERVICE LINE PRIOR TO THE 2"x1 1/2" REDUCERS. CONTRACTOR MUST SUPPLY REDUCERS, PIPING AND FLANGES FOR THE 1 1/2" METER SPREAD OF 13 1/4". REDUCERS MUST BE FORD A87 ADAPTERS OR APPROVED EQUAL

\*\*\*\* IF A 3" DIA. LINE AND 2" METER IS DESIRED, METER SPREAD MUST BE 46" ON THE 3" DIA. SERVICE LINE PRIOR TO THE 3"x2" REDUCERS. CONTRACTOR MUST SUPPLY REDUCERS, PIPING AND FLANGES FOR THE 2" METER SPREAD OF 17 1/4".

\* 90° BEND (FLANGED) IF DOMESTIC ONLY



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