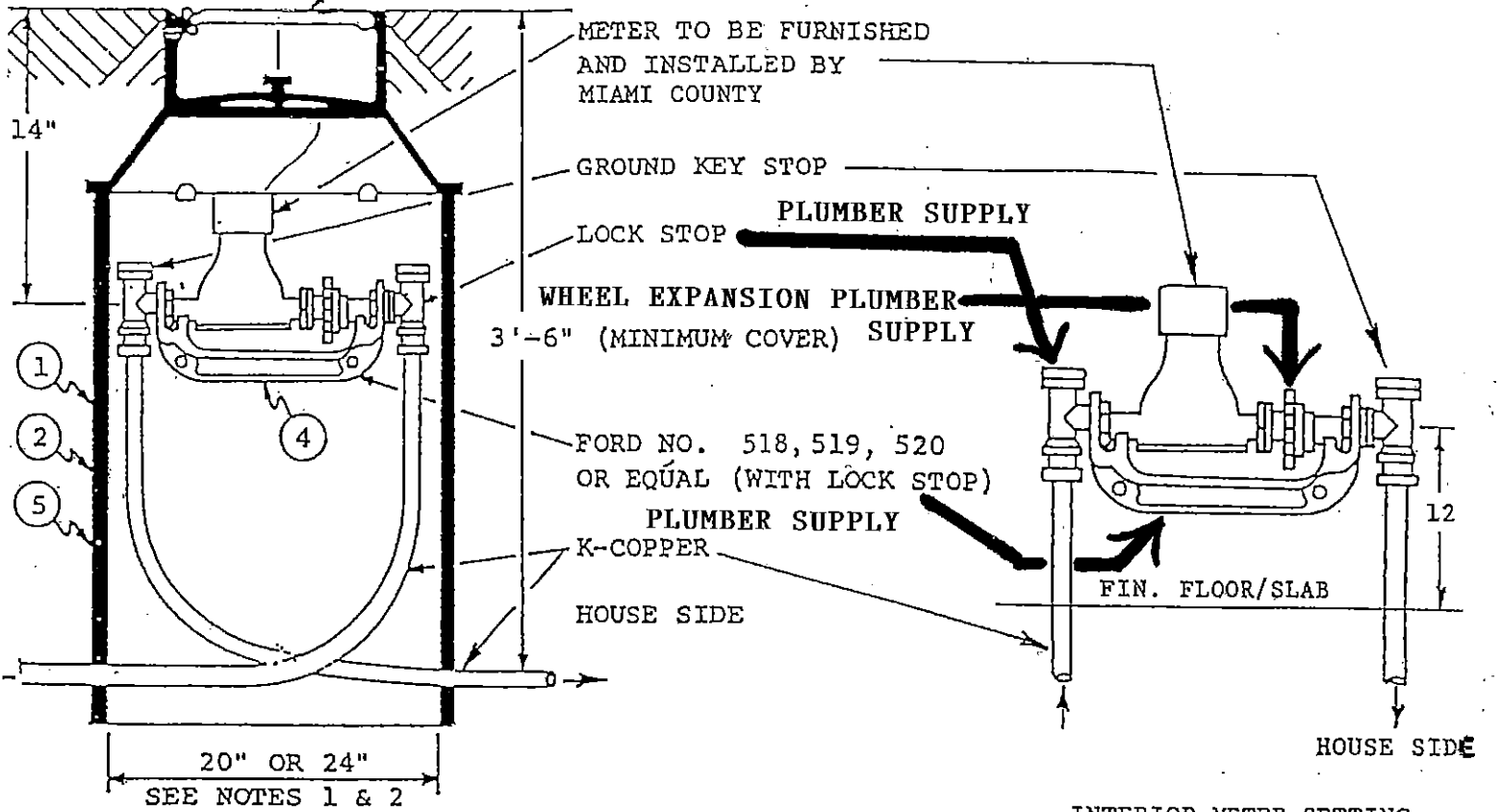


STANDARD INSTALLATION FOR WATER METER

MIAMI COUNTY
SANITARY ENGINEERING DEPT

5/8" X 3/4", 3/4", 1"

11 1/2" DOUBLE LID (FORD NO. W3) T



EXTERIOR PIT METER
(ONLY BY DIRECTION OR APPROVAL
OF SANITARY ENGINEER)

INTERIOR METER SETTING
(STANDARD PLAT RESIDENTIAL)
(REMOTE WIRE INSTALLATION
REQUIRED)

1. (20") I.D. TILE FOR FORD NO. W3 LID OR EQUAL (5/8" & 3/4" METERS)
2. (24") I.D. TILE FOR FORD NO. W3 LID AND NO. 2 EXTENSION RING OR EQUAL (1" METER)
3. SERVICE LINE RUNS SHALL BE CONTINUOUS AND WITHOUT JOINTS OR COUPLINGS BETWEEN THE CORP. STOP, CURB BOX AND THE METER
4. FORD YOKE OR EQUAL WITH LOCK STOP ON STREET SIDE PIPE AND GROUND KEY STOP ON HOUSE SIDE PIPE, AND EXPANSION CONNECTOR
5. TILE (VITRIFIED, PLASTIC, FIBER, CONCRETE OR OTHER) MUST BE APPROVED PRIOR TO INSTALLATION

FORD CATALOG YOKE NUMBER	SERVICE PIPE SIZE	METER	SPREAD	TILE SIZE
518 (502 BAR)	3/4"	5/8" X 3/4"	12-1/4"	20" DIA.
519 (503 BAR)	3/4" OR 1"	3/4"	13-7/8"	20" DIA.
520 (504 BAR)	1" OR 1-1/2"	1"	16-5/8"	24" DIA.



May 31, 2016

Procedure for Sewer Lateral Inspection for MCSED Operations Staff

1. Receive Customer Service Work Order which include the following:
 - a. Name of Contractor or Plumber and contact information
 - b. Name and address of the property owner (vs. the tenant?)
 - c. Date and Time for requested inspection
 - d. Verify Tap Fees are paid with Customer Service
 - e. Verify Customer Account Form has been received by Customer Service
2. Review construction plans to identify sanitary lateral connection location
 - a. If any questions, see Superintendent or Engineering Tech
 - b. Take copy of construction plans, if needed for field verification
3. Document at the On Site Inspection
 - a. Name of the Contractor and/or Contractor's foreman on site
 - b. Verify the following:
 - i. Field Location with Plans
 - ii. Connection cap and witness post
 1. Type of pipe SDR 35 or Schedule 40 PVC
 - iii. Sump Pump and discharge
 - c. Document the following:
 - i. Depth of sanitary lateral connection
 - ii. Type of sanitary lateral connector
 1. Fernco fitting with stainless steel bands or Glued PVC Sleeve
 - iii. Type of backfill material used around connection
 - iv. Location and type of well meter
 - d. Inspect the well meter set location and install well meter
 - e. Verify remote location and install remote pad
 - f. Draw location of lateral. Note pipe type, depth, cap, witness post and transpose on the back of the Customer hard copy.
4. Stamp, Sign and Date work order and return to Customer Service.

INSTRUCTIONS FOR WELL METER INSTALLATION

1. METER SETTING MUST CONFORM TO THE FOLLOWING STANDARD:

- A. The meter shall be yoke mounted (Ford 502 bar) with a lock stop shutoff valve on the incoming side and check valve or lock stop on the house side in accordance with the attached drawing.
 - B. The meter must be located in a department approved location. Meter pits are the preferred choice. There must be a department approved reason to deviate from this preference. All inside meter sets must be in an accessible area, clear from all other plumbing appurtenances and appliances (water heater, softener, washer and dryer) to provide for meter reading and meter changeout.
 - C. In areas where the water supply contains high iron or sediment, customers must install a sediment or iron filter ahead of the meter. This installation will prevent the meter from clogging and reducing or completely shutting off the customer's water supply.
 - D. Size of the meter will be determined by the Sanitary Engineer. Appropriate fees based on the meter size will be billed and base sewer rate will be quoted by billing office personnel upon request.
 - E. The meter setting must be protected from freezing.
 - F. Miami County Sanitary Engineering Department provides #22 gage, 2 lead wire to be installed from the meter setting to the front of the home for remote meter reading pad installation. This must be installed prior to the installation of the meter.
2. The water meter shall be provided by the Miami County Sanitary Engineering Department upon payment of the meter setting fee. Meter pit, lid casting, meter yoke, valves, filter and expansion nut are the responsibility of the owner.
 3. Plumber chosen to install the meter must contact Miami County Sanitary Engineering Department prior to installing the meter setting for department approval of location. Please allow 48 hours notice to schedule a visit by a customer service technician. Plumber must be licensed by the Miami County Health Department.
 4. Customers should schedule their plumbing rearrangement and meter installation in conjunction with our office to minimize the time their water supply is out of service. Minimum scheduling time for meter setting is 48 hours.