

# RICHLAND TOWNSHIP WATER AUTHORITY

1328 California Road, Suite D • Quakertown, PA 18951  
215-536-4733 215-536-0205 (fax)

Timothy Arnold, Executive Director

## REQUEST FOR WATER SERVICE

### INSTRUCTIONS FOR HOMEOWNER

You will need to fill out the Water Service Application and the Plumbing Permit Application.

When the completed applications are returned to the RTWA office, the following funds will be required:

Tapping fee for 5/8" x 3/4" water service	\$ 4,550.00
Connection charge 3/4" (Extension of the service to the property line)	2,250.00
Water meter charge 5/8" x 3/4"	450.00
Permit fee	30.00
<b>TOTAL</b>	<b>\$ 7,280.00</b>

When the permit is approved, the RTWA will contact you to pick up your permit and water meter.

Follow the Water Service Installation guidelines (part A) to install the meter and wiring for the remote, and to abandon your existing well. Once the installation is complete, contact the RTWA office with 48 hours notice to schedule an inspection.

You will have 30 days to abandon your well. When that is completed, contact the RTWA to schedule an inspection of the abandoned well. At this point, you will need to have the well abandonment form completed to give to the inspector.



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Timothy Arnold, Executive Director

## REQUEST FOR WATER SERVICE APPLICATION

In accordance with the Rules and Regulations of the Richland Township Water Authority (RTWA), and pursuant to your desire to extend and/or connect to the water system operated by the Authority, the undersigned Developer/Property Owner hereby requests that the Authority consider the provision of residential/commercial water service to the below described development, agrees to the payment of the fees herein required, and warrants and represents that the information provided below is true and correct.

1. DEVELOPER (Include name, address, type of entity, and phone number)

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2. OFFICERS OR PARTNERS OF DEVELOPER

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3. PROPERTY OWNER (Include name, address, and phone number)

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4. IS PROPERTY UNDER AGREEMENT OF SALE? YES or NO (circle one)

5. DEVELOPER/OWNER'S ENGINEER (Include name, address, and phone number)

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6. PROPERTY PROPOSED FOR DEVELOPMENT AND/OR CONNECTION TO WATER SYSTEM (Include acreage, tax parcel number, location and boundaries)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. PROPOSED DEVELOPMENT (if applicable) (Include name, type of development, number of units, number of EDU's, estimated time frame for completion)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DEVELOPER/OWNER hereby agrees to remit, contemporaneously with the submission of this application, to the Richland Township Water Authority the applicable Request for Service Review Fee as determined by Exhibit A.

In addition to the above referenced Review Fees, Developer/Owner hereby agrees to reimburse the Authority for all reasonable Engineering and Legal fees (including the costs associated with the preparation of a Water Service Agreement and any other required Agreements) incurred by the Authority in connection with the within described development.

DEVELOPER/OWNER

DATE \_\_\_\_\_

BY \_\_\_\_\_

TITLE \_\_\_\_\_

THE RICHLAND TOWNSHIP WATER AUTHORITY HEREBY ACKNOWLEDGES RECEIPT OF \$ \_\_\_\_\_, AS REQUIRED ABOVE.

RICHLAND TOWNSHIP WATER AUTHORITY

BY \_\_\_\_\_

TITLE \_\_\_\_\_

# Richland Township

## Application and Plumbing Permit

Permit # \_\_\_\_\_ BCTM # \_\_\_\_\_  
 Plumber \_\_\_\_\_ License # \_\_\_\_\_  
 Address \_\_\_\_\_ Telephone # \_\_\_\_\_  
 Owner of Property \_\_\_\_\_ Address \_\_\_\_\_  
 Location of Property \_\_\_\_\_

### TYPE INSTALLATION

- Rearrangement and/or Additional Units \_\_\_\_\_
- Appliance Installation \_\_\_\_\_
- Complete Installation \_\_\_\_\_
- House \_\_\_\_\_
- Apartment \_\_\_\_\_
- Commercial \_\_\_\_\_
- Industrial \_\_\_\_\_
- Renewal/Replacement \_\_\_\_\_
- Other \_\_\_\_\_

FIXTURES	Number of Fixtures			
	First Floor	Second Floor	Basement	Other
Water Closet/Urinal/Bidet				
Lavatories				
Bath Tubs				
Bath Tubs w/Shower				
Shower				
Sink				
Garbage Disposal				
Dish Washer				
Clothes Washer				
Laundry Tray				
Drinking Fountain				
Hot Tub / Sauna				
Floor Drains				
Grease Traps				
Water Service Connection				
Hose Bib				
Other				

This Permit Will Expire Ninety Days From \_\_\_\_\_

Permit Charge \_\_\_\_\_ \$ \_\_\_\_\_

Received Payment  \_\_\_\_\_ Township Clerk

Approved for Issuance  \_\_\_\_\_ Date \_\_\_\_\_

**RICHLAND TOWNSHIP WATER AUTHORITY  
WELL ABANDONMENT FORM**

Contractor/Agent Name \_\_\_\_\_ Registration No. \_\_\_\_\_  
Address \_\_\_\_\_ Phone # \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

WELL LOCATION (Show sketch of location on back of this form)

Municipality \_\_\_\_\_ County \_\_\_\_\_

OWNER NAME \_\_\_\_\_  
Address \_\_\_\_\_ Phone # \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

USE OF WELL \_\_\_\_\_

DEPTH OF WELL \_\_\_\_\_ DIAMETER OF WELL \_\_\_\_\_

AMOUNT OF CASING REMOVED \_\_\_\_\_ DIAMETER \_\_\_\_\_  
\_\_\_\_\_

SEALING MATERIAL:	TYPE	AMOUNT
	_____	_____
	_____	_____
	_____	_____

EXPLAIN METHOD OF INSTALLATION OF MATERIAL

\_\_\_\_\_  
\_\_\_\_\_

CERTIFICATION: We hereby certify that this well abandonment record is true and exact, and was accomplished on the \_\_\_\_\_ day of the month of \_\_\_\_\_ with our active participation and that we are qualified to participate in such abandonment actions.

Signature \_\_\_\_\_ Signature \_\_\_\_\_  
Date \_\_\_\_\_ Date \_\_\_\_\_  
Address \_\_\_\_\_ Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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215-536-4733 215-536-0205 (fax)

Timothy Arnold, Executive Director

## WATER SERVICE INSTALLATION

### A. Water Service ¾" and 1"

- The Richland Township Water Authority will provide the water meter, back flow preventer, meter couplings, meter washers and 50 feet of meter wire.
- The owner shall provide the pressure reducing valve, Watts Series UB5.
- All services from the curb stop to the home, 100 feet or less, shall be one continuous run of K Copper.
- If the run from the curb stop to the home is greater than 100 feet, a meter pit must be installed by the curb stop in accordance with the Authority's specifications (enclosed).
- The owner will be responsible for the installation of the water meter. First, a ball valve should be installed, then a pressure reducing valve, then the water meter. After the meter, install the back flow preventer, then a second ball valve, in accordance with the Authority's specifications (enclosed).
- The owner is also responsible to have the meter wire run to the outside of the house. The radio mounting bracket should be installed on an outside wall which is accessible to the Authority if repairs are needed. The wire is to be connected to the meter register which is labeled B, G, and R. Screw the red wire to the R, the black wire to the B, and the green wire to the G. The Authority will install the Radio Transmitter.
- **If the property has an existing well, the well must be abandoned.** First, all equipment must be removed (pump, wire and piping). The well casing must be removed or cut below the ground surface. The appropriate sealing mixtures may include concrete grout or bentonite. The well must be filled from the bottom up to the surface. The owner must have the well abandoned and the enclosed Well Abandonment Form completed within 30 days of connection. The owner must contact the RTWA for an inspection of the abandoned well. Failure to comply will result in disconnection to the RTWA public water system.

### B. Water Service 1½" and 2"

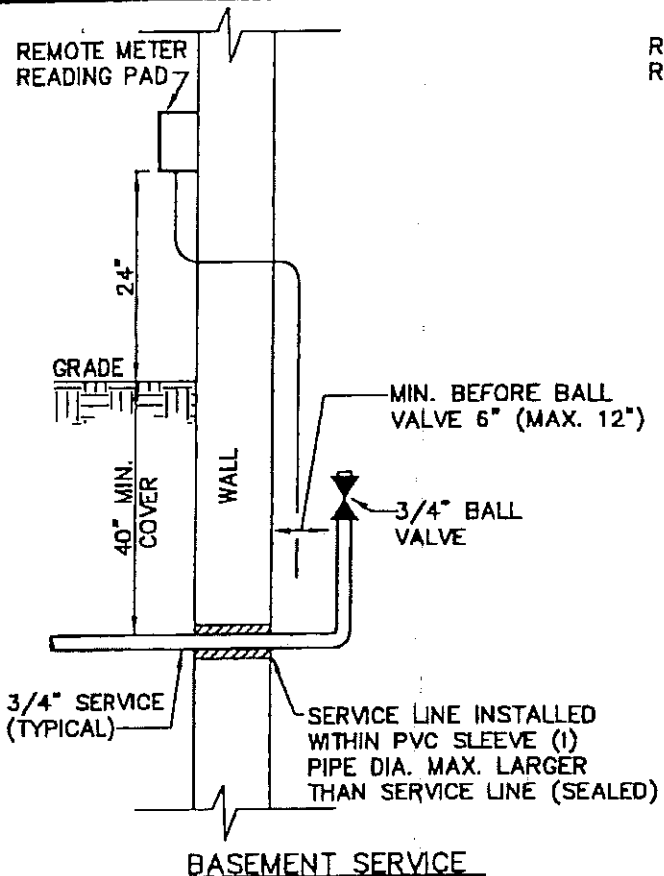
- The Richland Township Water Authority will provide the water meter, meter flanges, meter washers and 50 feet of meter wire.
- The owner shall provide the pressure reducing valve, Watts Series UB5, and the back flow preventer, Watts Series 709.
- All 1½" services from the curb stop to the building, 60 feet or less, shall be one continuous run of K Copper. If the run is greater than 60 feet, ductile pipe should be run within 60 feet from the building.
- All 2" services from the curb stop to the building, 40 feet or less, shall be one continuous run of K Copper. If the run is greater than 40 feet, ductile pipe should be run within 40 feet from the building.
- The owner will be responsible for the installation of the water meter. First, a ball valve should be installed, then a pressure reducing valve, then the water meter. After the meter, install the back

flow preventer, then a second ball valve, in accordance with the Authority's specifications (enclosed).

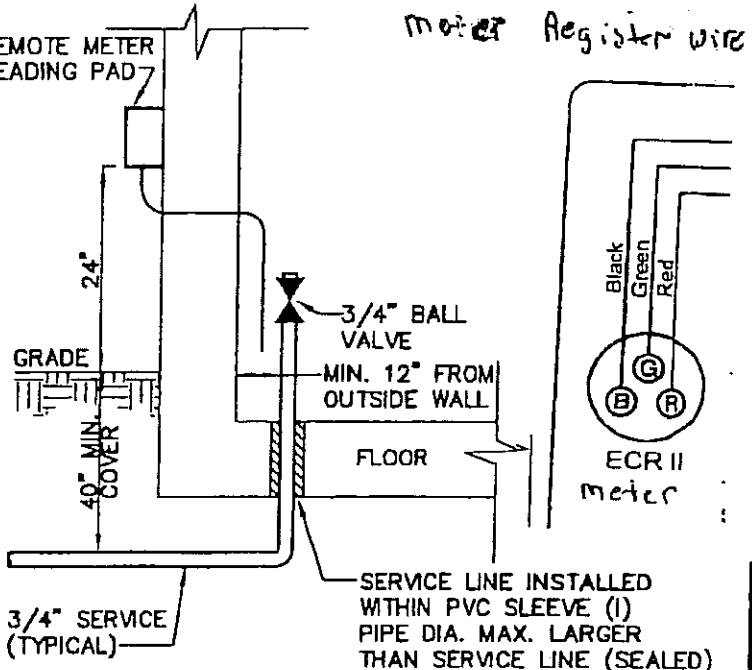
- The owner is also responsible to have the meter wire run to the outside of the building. The radio mounting bracket should be installed on an outside wall which is accessible to the Authority if repairs are needed. The wire is to be connected to the meter register which is labeled B, G, and R. Screw the red wire to the R, the black wire to the B, and the green wire to the G. The Authority will install the Radio Transmitter.
- **If the property has an existing well, the well must be abandoned.** First, all equipment must be removed (pump, wire and piping). The well casing must be removed or cut below the ground surface. The appropriate sealing mixtures may include concrete grout or bentonite. The well must be filled from the bottom up to the surface. The owner must have the well abandoned and the enclosed Well Abandonment Form completed within 30 days of connection. The owner must contact the RTWA for an inspection of the abandoned well. Failure to comply will result in disconnection to the RTWA public water system.

### C. Water Service 2½" and larger

- The Richland Township Water Authority will provide the water meter, meter washers and 50 feet of meter wire.
- The owner shall provide the pressure reducing valve. For a 2½" and 3" service line, use Watts Series N223B. For a 3" or 4" line, use Watts Series 127W.
- The owner shall also provide the back flow preventer, Watts Series 709 Double Check Valve.
- All services shall be run into the building with class 52 ductile iron pipe.
- The owner will be responsible for the installation of the water meter. First, a gate valve should be installed, then a pressure reducing valve, then the water meter. After the meter, install the back flow preventer, then a second gate valve.
- The owner is also responsible to have the meter wire run to the outside of the building. The radio mounting bracket should be installed on an outside wall which is accessible to the Authority if repairs are needed. The wire is to be connected to the meter register which is labeled B, G, and R. Screw the red wire to the R, the black wire to the B, and the green wire to the G. The Authority will install the Radio Transmitter.
- **If the property has an existing well, the well must be abandoned.** First, all equipment must be removed (pump, wire and piping). The well casing must be removed or cut below the ground surface. The appropriate sealing mixtures may include concrete grout or bentonite. The well must be filled from the bottom up to the surface. The owner must have the well abandoned and the enclosed Well Abandonment Form completed within 30 days of connection. The owner must contact the RTWA for an inspection of the abandoned well. Failure to comply will result in disconnection to the RTWA public water system.



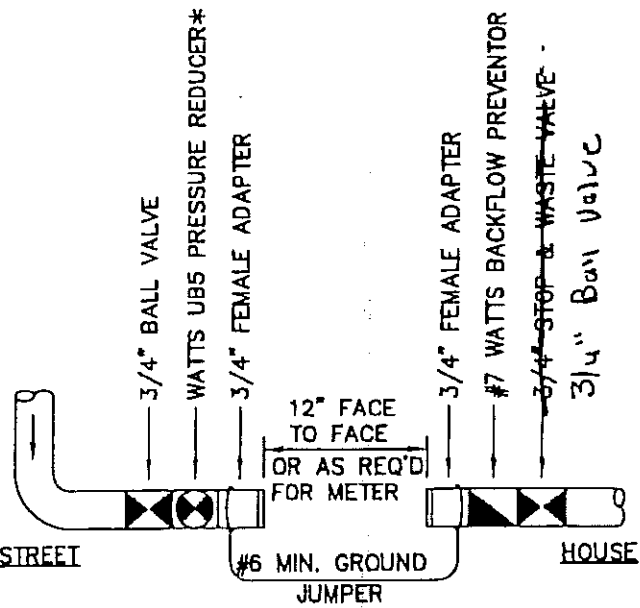
BASEMENT SERVICE



THROUGH FLOOR SERVICE

GENERAL NOTES:

1. NOTIFY AUTHORITY AT 536-4733 WHEN WATER SERVICE IS READY FOR INSPECTION AND TESTING. DO NOT BACKFILL ANY PORTION OF TRENCH PRIOR TO APPROVAL.
2. WATER AUTHORITY WILL SUPPLY 3/4"x5/8" SR BRONZE REMOTE TYPE METER AND REMOTE METER READING PAD AND THE BACKFLOW PREVENTOR FOR ALL SIZES UP TO AND INCLUDING 1".
3. PRESSURE REDUCING VALVE IS REQUIRED UNLESS WAIVED IN WRITING BY THE AUTHORITY.
4. METER LOCATION MUST BE APPROVED BY THE AUTHORITY.
5. ALL SERVICE LINES ARE TO BE K-TYPE TUBING ONLY WITH NO SWEAT JOINTS OR COUPLINGS UNDERGROUND.
6. WATTS NUMBER 7 BACKFLOW PREVENTOR IS REQUIRED ON ALL SERVICES.
- \* 7. PRESSURE REDUCER VALVE TO BE WATTS UB5
8. METER AND BACKFLOW PREVENTOR TO BE 24" TO 60" ABOVE FINISHED FLOOR.

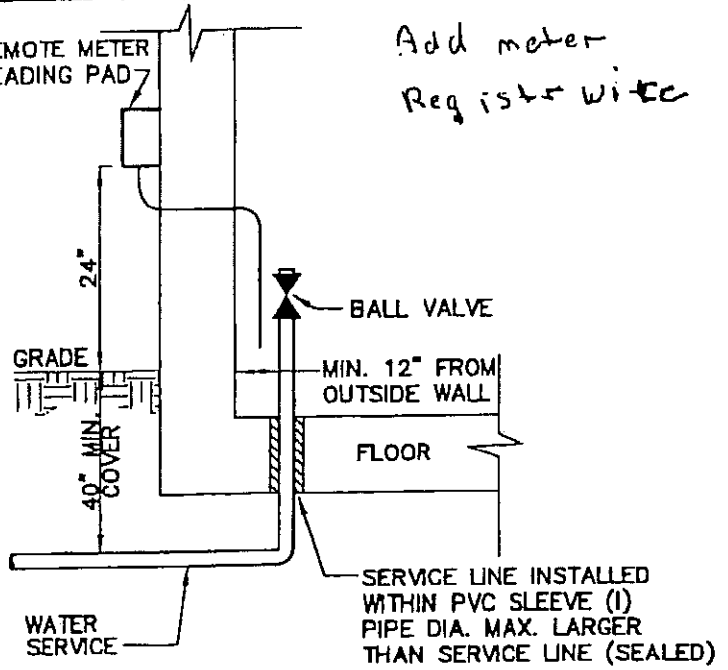
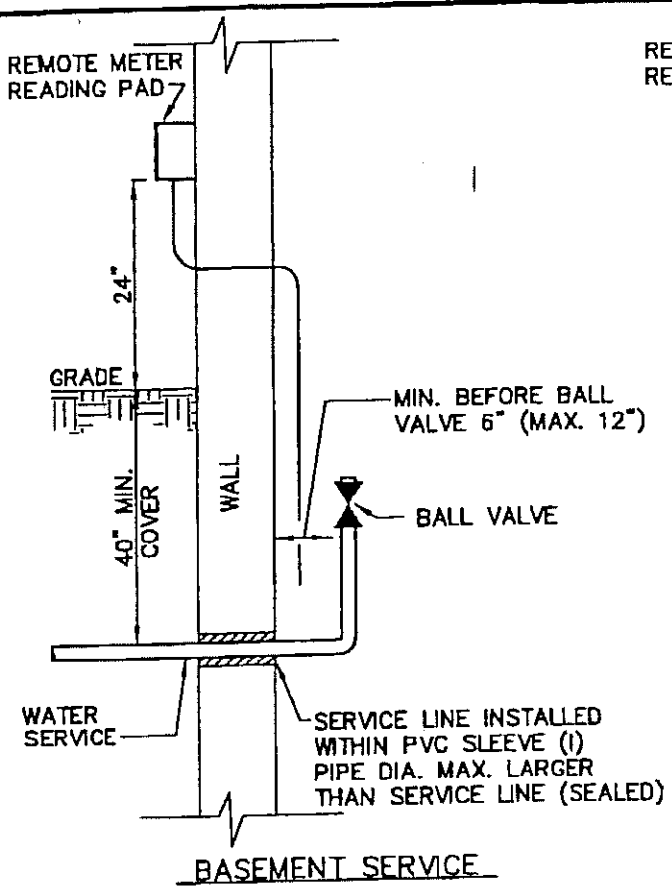


FRONT VIEW OF SETTING

**RESIDENTIAL METER SETTING REQUIREMENTS**

PREPARED FOR:  
**RICHLAND TOWNSHIP WATER AUTHORITY**  
**BUCKS COUNTY, PENNSYLVANIA**

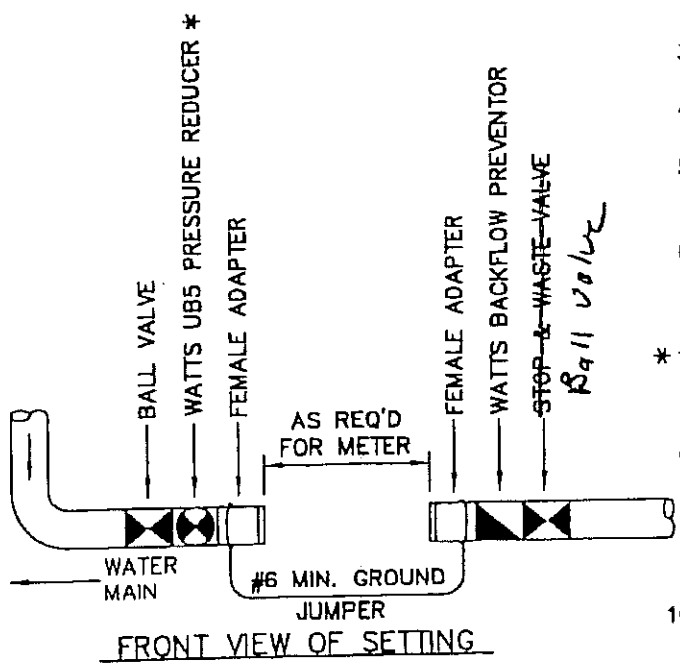
NOT TO SCALE
DATE: 11/01/05
DWG NO. RTWA-007



THROUGH FLOOR SERVICE

GENERAL NOTES:

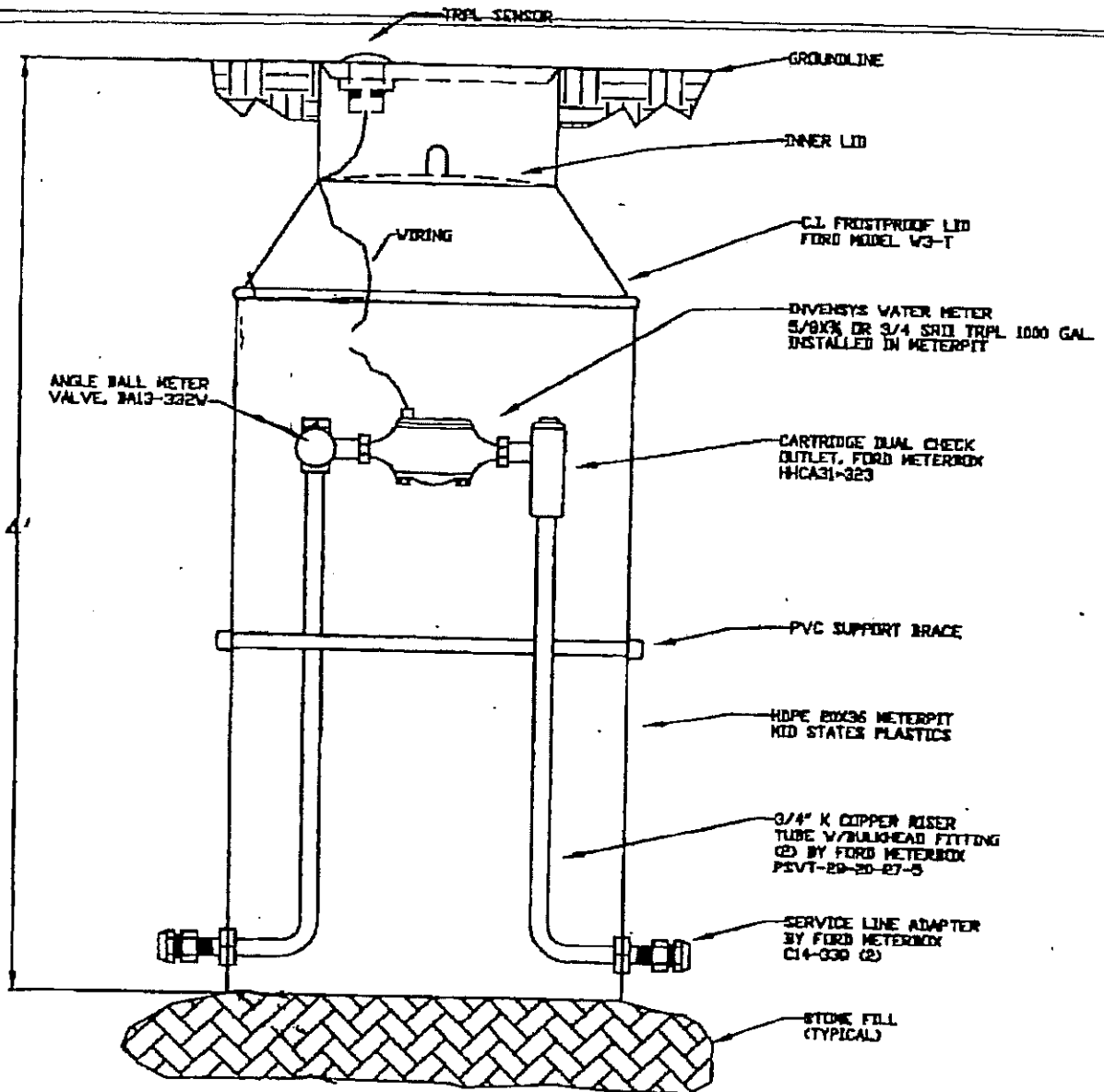
1. NOTIFY AUTHORITY AT 536-4733 WHEN WATER SERVICE IS READY FOR INSPECTION AND TESTING. DO NOT BACKFILL ANY PORTION OF TRENCH PRIOR TO APPROVAL.
2. WATER AUTHORITY WILL SUPPLY METER AND REMOTE METER READING PAD AND THE BACKFLOW PREVENTOR FOR ALL SIZES UP TO AND INCLUDING 1".
3. PRESSURE REDUCING VALVE IS REQUIRED UNLESS WAIVED IN WRITING BY THE AUTHORITY
4. METER LOCATION MUST BE APPROVED BY THE AUTHORITY.
5. ALL SERVICE LINES ARE TO BE K-TYPE TUBING ONLY WITH NO SWEAT JOINTS OR COUPLINGS UNDERGROUND.
6. WATTS BACKFLOW PREVENTOR IS REQUIRED ON ALL SERVICES. IF THE METER SIZE IS OVER 1" THE OWNER AND NOT THE AUTHORITY SHALL PROVIDE THE BACKFLOW PREVENTOR.
- \* 7. PRESSURE REDUCER VALVE TO BE WATTS UB5 - OR APPROPRIATE MODEL CORRESPONDING TO METER SIZE.
8. SIZE OF SERVICE AND METER TO BE APPROVED BY AUTHORITY.
9. SIZE OF VALVES, ADAPTERS, PRESSURE REDUCING VALVES AND BACKFLOW PREVENTORS TO BE SAME AS METER SIZE.
10. METER AND BACKFLOW PREVENTOR TO BE 24" TO 60" ABOVE FINISHED FLOOR.



**NON-RESIDENTIAL METER SETTING REQUIREMENTS**

PREPARED FOR:  
**RICHLAND TOWNSHIP WATER AUTHORITY**  
**BUCKS COUNTY, PENNSYLVANIA**

NOT TO SCALE	
DATE:	11/01/05
DWG NO.	RTWA-008



RICHLAND TOWNSHIP WATER AUTHORITY	REV. JULY 7, 2001
RESIDENTIAL METERPIT	DWG. SMALL PIS-LB
5/8 X 3/4 AND 3/4 WATER METER	DWG. BY J.A.G.
Local Supplier, L/B WATER SERVICE CO., 717-738-0389	