

APPLICATION/PERMIT FOR WATER / SEWER

VILLAGE OF EAST PALESTINE		Permit#
85 NORTH MARKET STREET • P.O. BOX 231 EAST PALESTINE, OHIO 44413	PHONE: 330/426-4367 FAX: 330/426-7066	Fee

CHECK ONE ITEM IN EACH BOX

<input type="checkbox"/> New <input type="checkbox"/> Remodel <input type="checkbox"/> Addition	<input type="checkbox"/> Trailer <input type="checkbox"/> Module <input type="checkbox"/> Mobile	<input type="checkbox"/> Single-family dwelling <input type="checkbox"/> Other	
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(Please type or print in ballpoint pen)

Owner		Phone No.	
Mailing Address		City	Zip
Location of Property			
Property Address		Township	
		Section No.	
Name of Applicant		Phone No.	
Address			

I hereby agree to comply with the Plumbing Regulations of the Village of East Palestine requirements of which have been made known to me.

I further agree to call for inspection of this work before it is covered. At least 48 hours notice for inspection is required.

_____ BACKFLOW PREVENTOR / EXPANSION TANK
 _____ SEWER INSPECTION

For Office Use Only

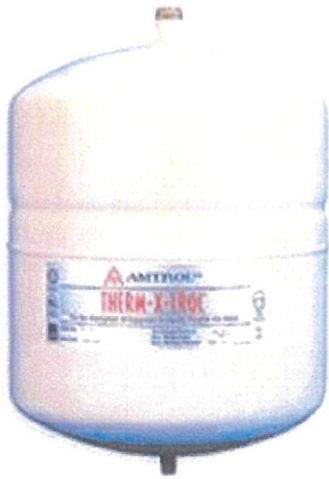
Applicant's
Signature _____

Inspector's
Signature: _____

Date _____

Date: _____

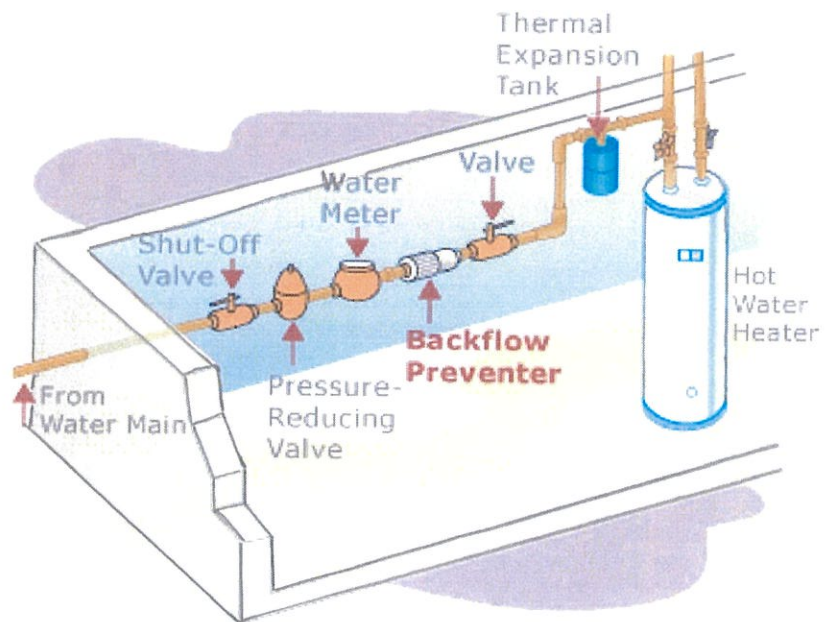
RETURN ALL COPIES TO OFFICE
 WHITE - EAST PALESTINE • YELLOW - OWNER • PINK - DEPARTMENT



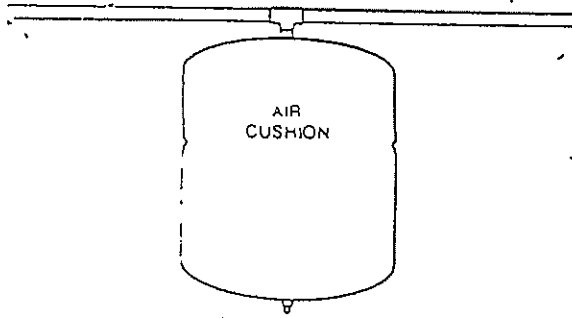
THERMAL EXPANSION TANK



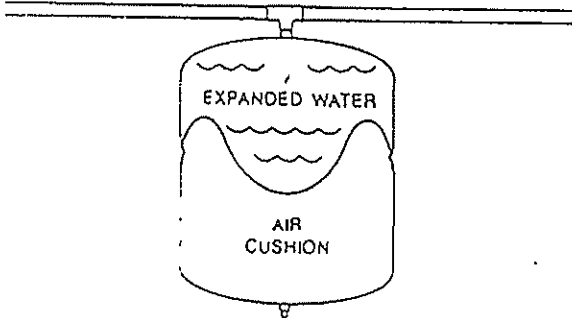
DUAL CHECK VALVE TYPE BACKFLOW PREVENTER



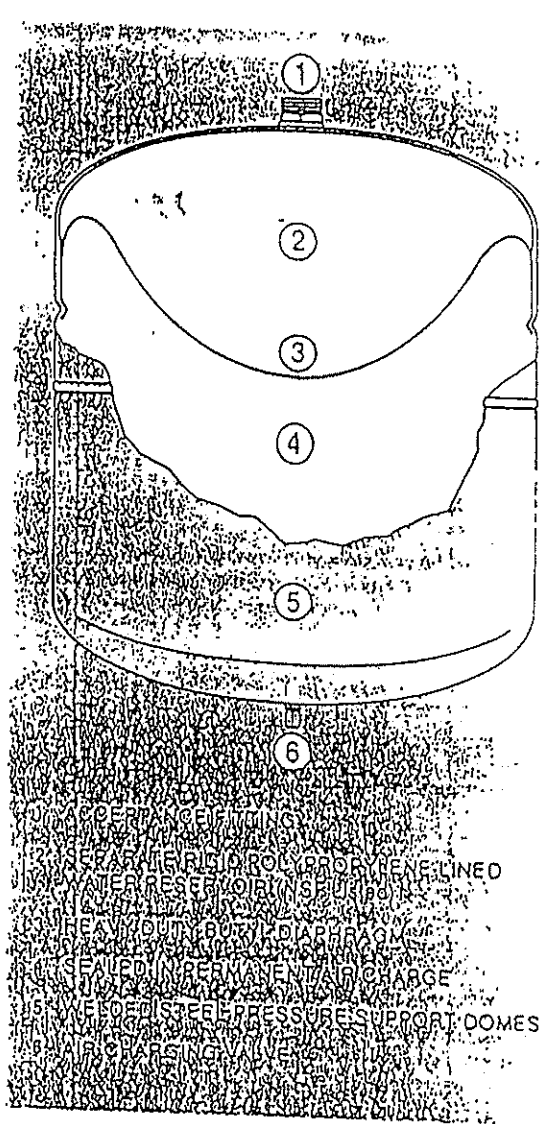
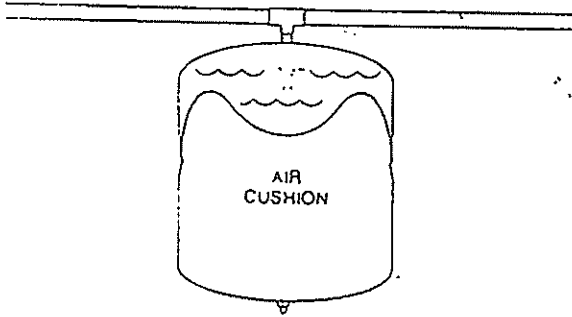
This can easily be accomplished by adding a small expansion tank with a sealed-in compressible air cushion which will compress as thermal expansion occurs providing a space to hold and store the additional expanded water volume.



By sizing the air cushion according to Boyle's Law, we can select the maximum pressure on the system when the total amount of expanded water has been generated.



When hot water is used in the system... the pressurized air cushion forces hot water back into the system for use - not waste.



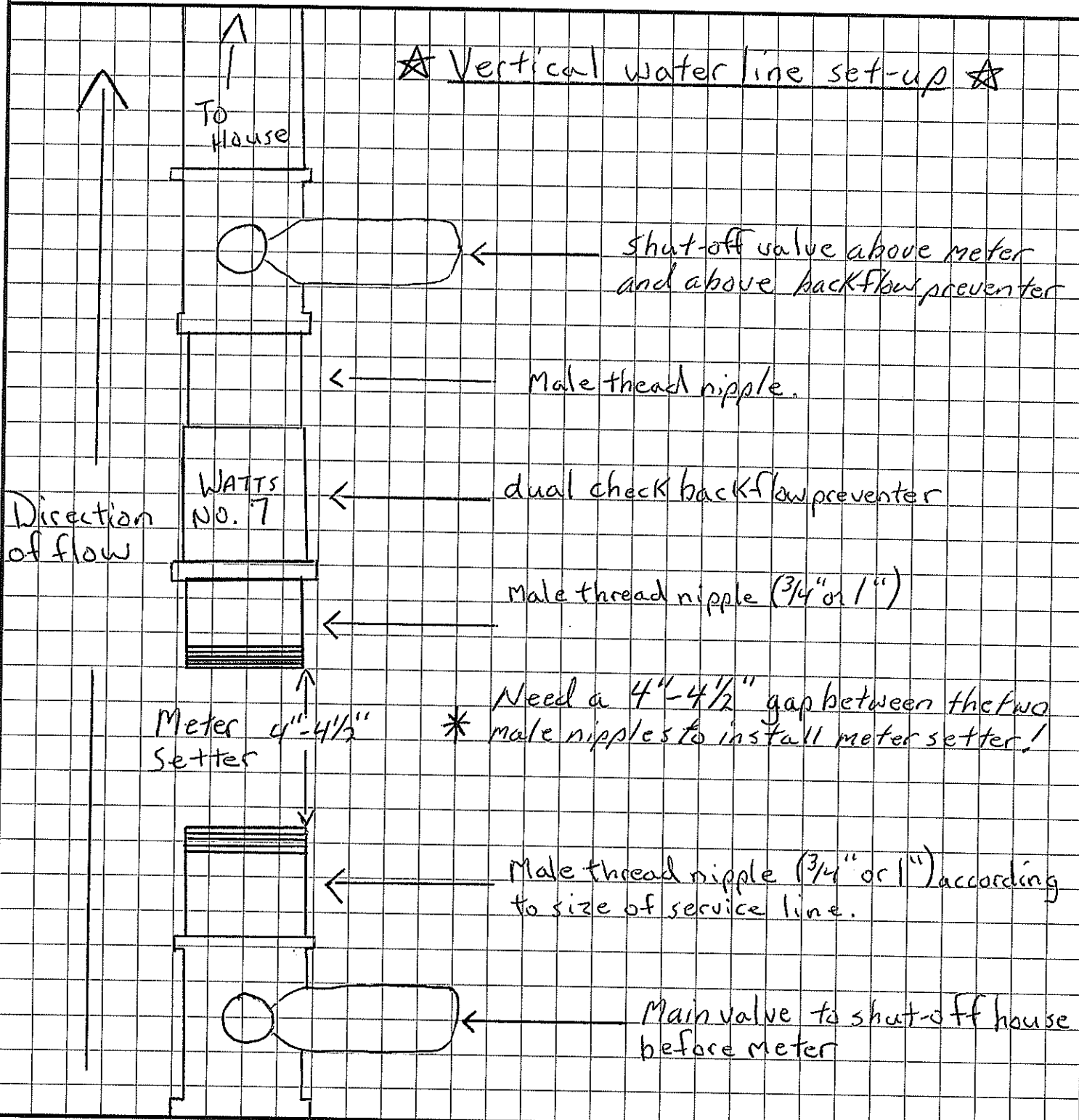
The thermal expansion tank features the sealed-in air cushion... pre-charged to the minimum system pressure before recovery is started. A rugged butyl diaphragm seals in the air cushion and also separates air from hot domestic water to prevent air from being dissolved by hot system water.

Finally, on the water side of the expansion tank is a separate rigid polypropylene liner so fresh, corrosive domestic hot water can be handled without fear of corrosion and leaks.

THINGS TO DO TODAY: _____ _____ _____

DATE: _____ _____ _____

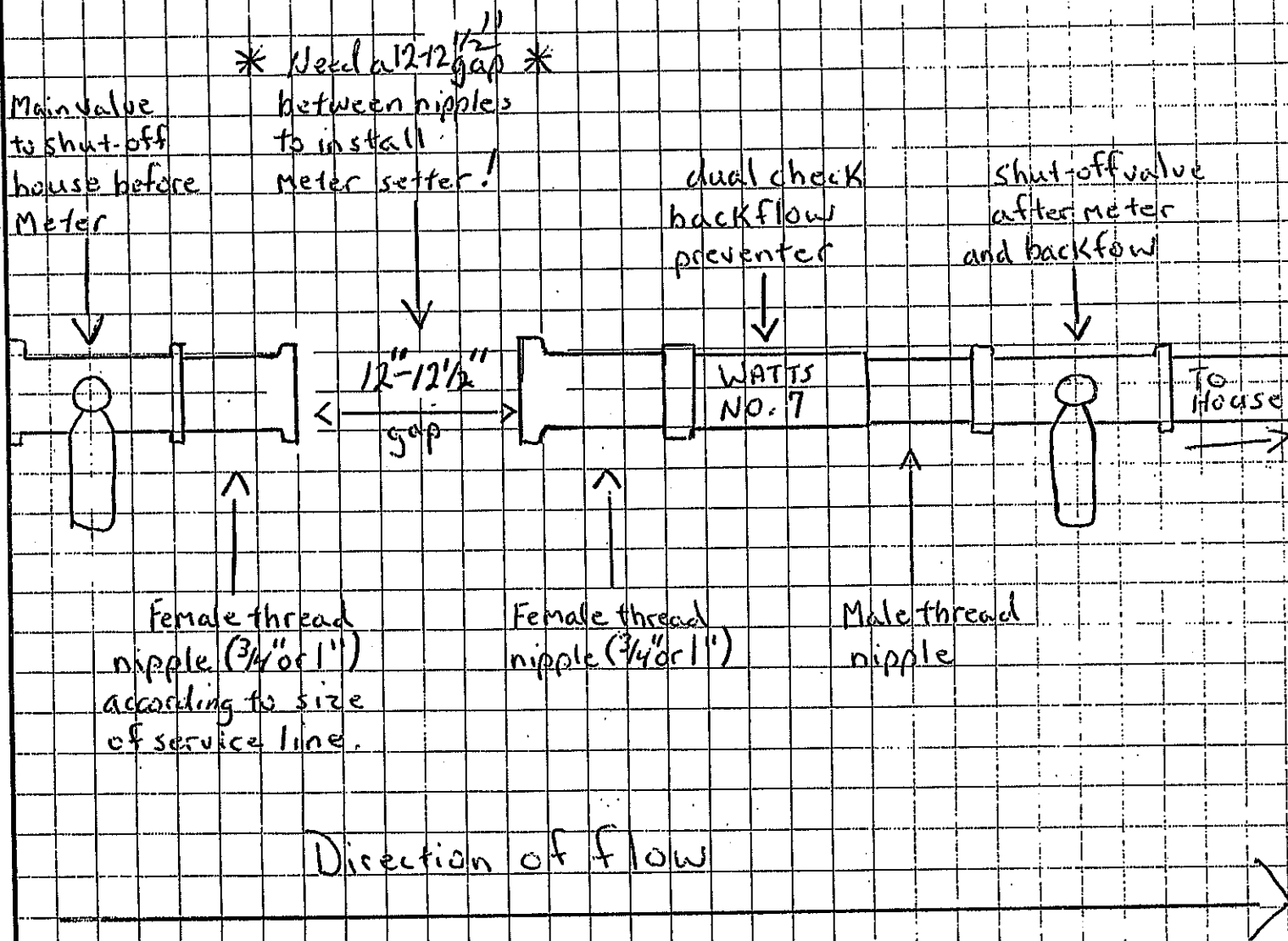
★ Vertical water line set-up ★



THINGS TO DO TODAY: _____ _____ _____

DATE: _____ _____ _____ _____

★ Horizontal Water line set-up ★



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