



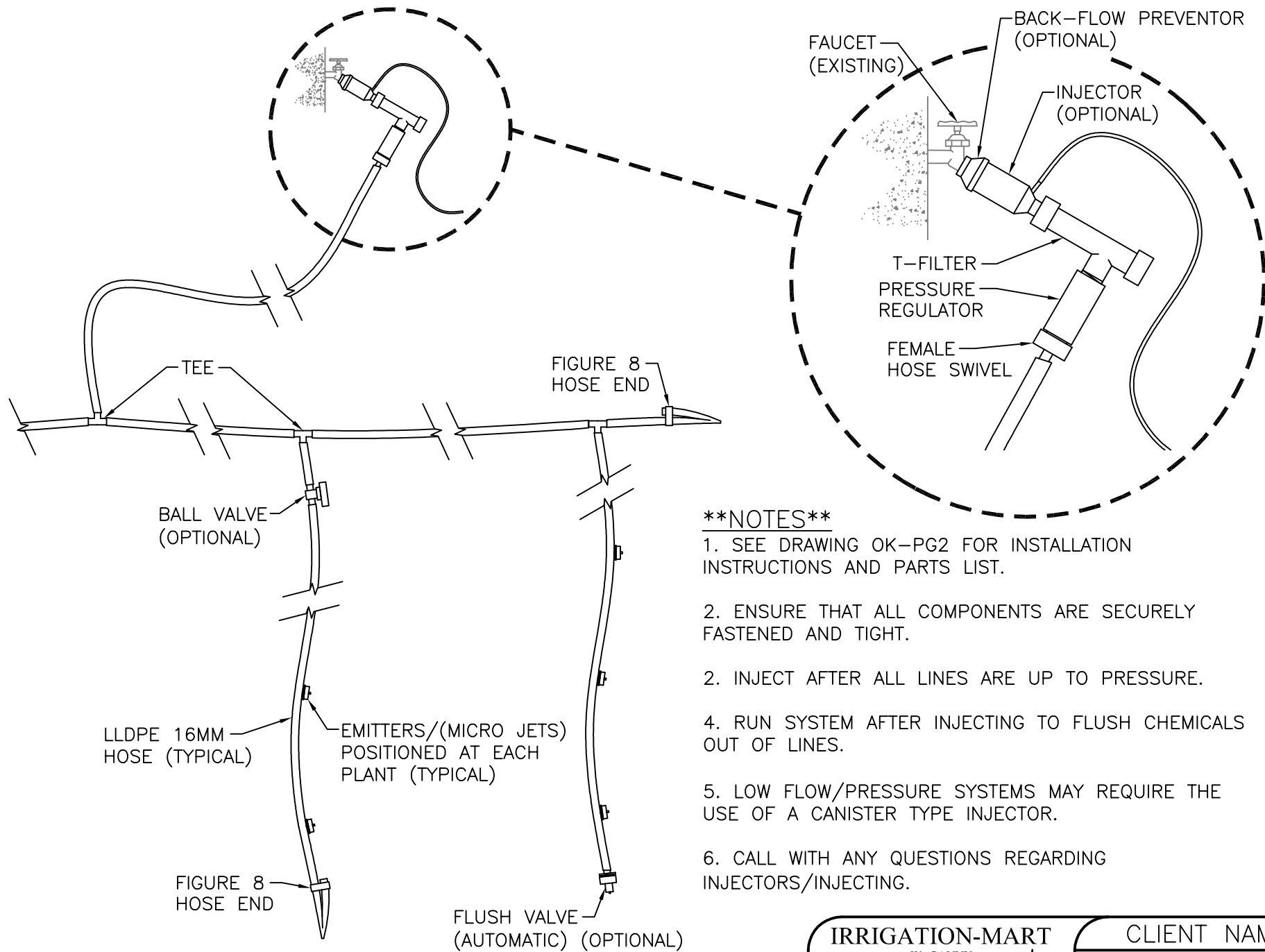
Figure 1: Part names



Figure 1: Faucet hook-up



Figure 3: Emitter punched into line



ORCHARD KIT ASSEMBLY

****NOTES****

1. SEE DRAWING OK-PG2 FOR INSTALLATION INSTRUCTIONS AND PARTS LIST.
2. ENSURE THAT ALL COMPONENTS ARE SECURELY FASTENED AND TIGHT.
2. INJECT AFTER ALL LINES ARE UP TO PRESSURE.
4. RUN SYSTEM AFTER INJECTING TO FLUSH CHEMICALS OUT OF LINES.
5. LOW FLOW/PRESSURE SYSTEMS MAY REQUIRE THE USE OF A CANISTER TYPE INJECTOR.
6. CALL WITH ANY QUESTIONS REGARDING INJECTORS/INJECTING.

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CLIENT NAME

ORCHARD KIT
ASSEMBLY DRAWING

DESIGNED BY: IRRIGATION-MART	DRAWN BY: IRRIGATION-MART
DATE: 10/09/09	DRAWING NUMBER: OK-PG1
REVISION: 0	

1. SCREW FILTER AND PRESSURE GAUGE ONTO EXISTING GARDEN HOSE OR FAUCET.
2. ATTACH FEMALE HOSE SWIVEL TO LLDPE HOSE AND REGULATOR.
3. PLACE 16MM HOSE ACROSS THE ROWS AND BY PLANTS THAT NEED TO BE WATERED. USE TEES TO ARRANGE SYSTEM AS DESIRED.
4. FLUSH SYSTEM TWICE BY RUNNING WATER BEFORE CLOSING ENDS.
5. CLOSE ENDS OF HOSE USING FIGURE 8 HOSE ENDS OR AUTOMATIC FLUSH VALVES.
6. AT EACH PLACE TO BE WATERED MAKE A HOLE IN THE HOSE USING A HOLE PUNCH AND INSERT AN EMITTER (OR JET IF SUBSTITUTED). IF THE SYSTEM IS TO BE BURIED ATTACH A LENGTH OF RISER TUBING TO ROUTE THE WATER TO THE SURFACE.
7. FOR BEST RESPONSE IRRIGATE EVERY DAY OR TWO. ALWAYS KEEP THE SOIL VERY MOIST, BUT AVOID "FLOODING" THE ROOT ZONE.
8. AN OPTIONAL MECHANICAL OR BATTERY WATER TIMER MAY BE USED TO TURN WATER ON AND OFF.
9. FERTILIZERS AND OTHER CHEMICALS MAY/SHOULD BE APPLIED WITH THE SYSTEM BY USING A CHEMICAL INJECTOR. USE A CANISTER STYLE INJECTOR FOR LOW FLOW SYSTEMS (LESS THAN 3GPM).
10. WHEN WATER IS NO LONGER NEEDED ON A ROW REPLACE THE TEE WITH A COUPLING IN THE 16MM HOSE. THE USE OF BALL VALVES MAY BE USED ON EACH ROW TO TURN WATER ON AND OFF.
11. A BACK-FLOW PREVENTOR SHOULD BE USED TO PROTECT THE WATER SUPPLY AGAINST CONTAMINATION

ORCHARD KIT ITEMS	KIT S (2000 SQFT)	KIT M ($\frac{1}{4}$ ACRE)	KIT L ($\frac{1}{2}$ ACRE)
PRESSURE REGULATOR	1	1	1
FEMALE HOSE SWIVEL	1	1	1
LLDPE HOSE	100'	500'	1000'
TURBULENT FLOW EMITTER*	25	50	100
TEE	1	2	4
FIGURE 8 HOSE END	2	3	5
HOLE PUNCH	1	1	1
HOLE PLUG	10	10	10
COUPLING	2	4	4
T-FILTER 150 MESH	1	1	1

* MAY SUBSTITUTE MICRO JETS

PARTS LIST

INSTALLATION INSTRUCTIONS

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INSTRUCTIONS & PARTS LIST

DESIGNED BY:

DRAWN BY:

IRRIGATION-MART

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DATE:

DRAWING NUMBER:

REVISION:

10/12/09

OK-PG2

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