

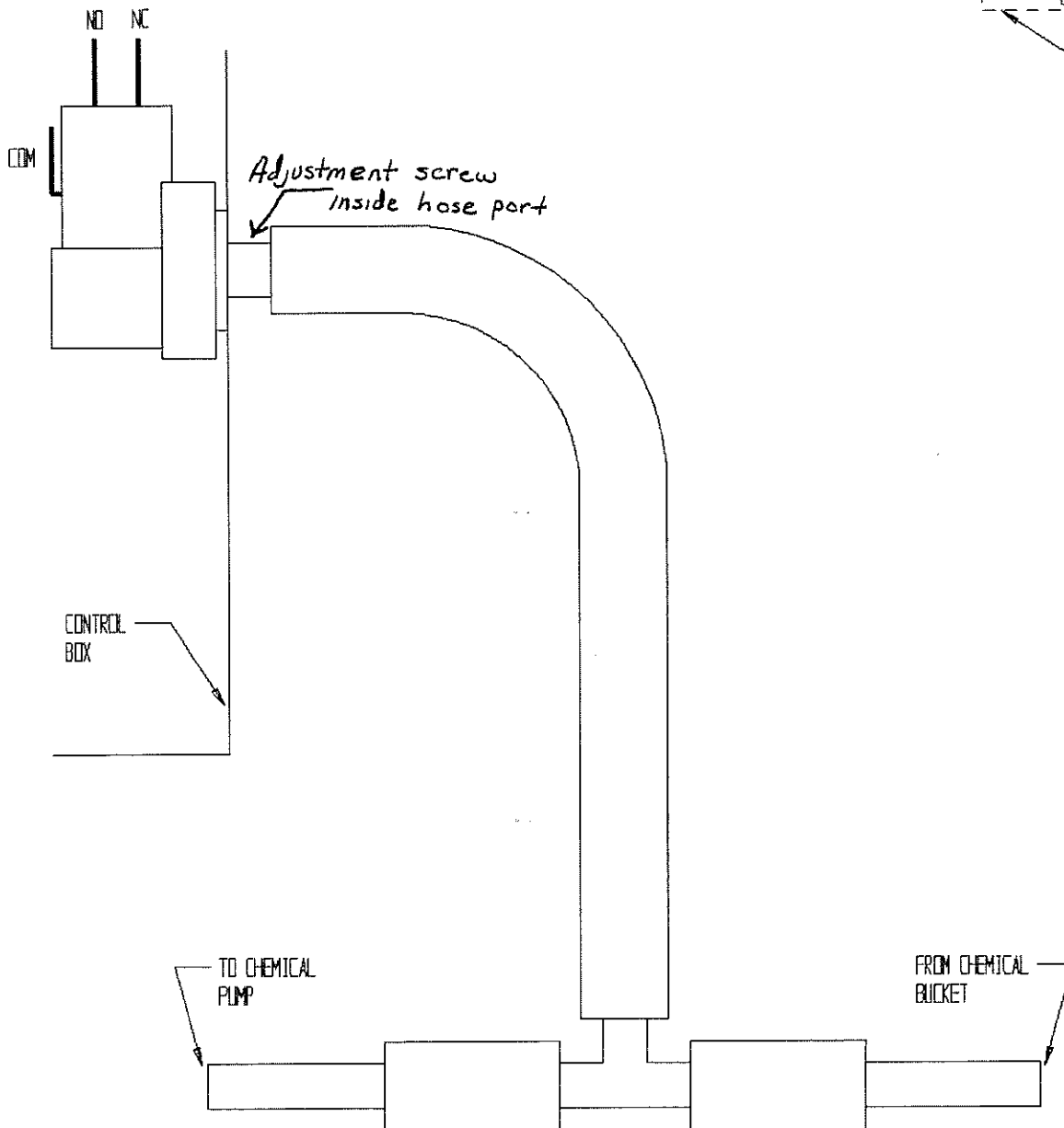
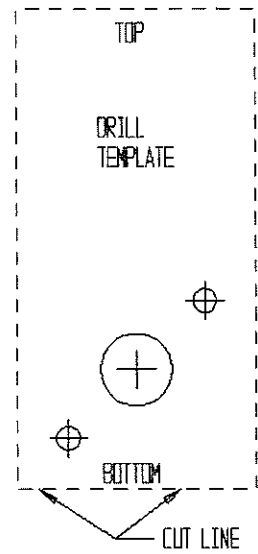
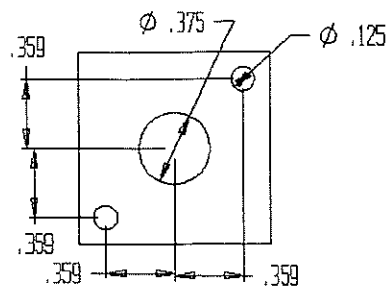
LOW LEVEL ALARM INSTALLATION INSTRUCTIONS

1. Using the provided template, mark the holes and drill. The center hole is 3/8" and the two other holes are 1/8". NOTE: Try to mount the vacuum switch above the chemical line to prevent back flow of chemicals into the switch.
2. Bolt the switch to the control box.
3. Drill a 3/16" hole and mount the buzzer.
4. Connect the long rubber hose to the vacuum switch and the middle leg of the plastic tee.
5. Connect the two short rubber hoses to the other two legs of the tee.
6. Locate the 1/4" chemical pick up line for the sanitizer pump and cut it so that the plastic tee can be put in line.
7. Use cable ties to secure all of the ends of the rubber hose.
8. Wire the low level alarm using the wiring instructions.

NOTE: The sensitivity of the chemical alarm switch (091-3080) is adjustable. To adjust the switch, remove the tubing from the switch. The adjustment screw is located inside the switch tube port and is adjusted with a 5/64 allen wrench. Turn the screw counter clockwise to decrease the sensitivity of the switch. Use appropriate safety equipment.

LOW LEVEL ALARM WIRING INSTRUCTIONS

1. Connect the green wire with the green wire on the bottom terminal of the sanitizer micro switch on the timer.
2. Connect the other end of the green wire to the common terminal of the vacuum switch.
3. Connect one end of the black wire to the normally open terminal on the vacuum switch.
4. Connect the other end of the black wire to one of the terminals on the buzzer.
5. Connect one end of the white wire to the other terminal on the buzzer.
6. Connect the other end of the white wire to the bottom terminal on the mercury relay, that has all the white wires on it. (NOTE: On 3-D models connect the white wire to the terminal on the delime switch with the two white wires.)



LOW LEVEL ALARM BILL OF MATERIALS
031-0326 CHEMICAL ALARM

QTY	PART NUMBER	DESCRIPTION
1	091-3080	Vacuum Switch
1	092-1137	Fitting, Tee, 1/4" Hose Barb (plastic)
1	087-6700	Squeeze Tube
1	091-5110	Wire, Green 18GA x 12"
1	091-5108	Wire, White 18GA x 12"
1	091-5109	Wire, Black 18GA x 12"
4	091-5202	Terminal, .187 Female Spade
1	091-5210	Terminal, Ring Connector
1	091-5204	Terminal, .187 Piggyback Spade
7	091-5220	Cable Tie, Small
2	098-1213	Screw, #3 x 3/4" Lg SS
2	098-2002	Nut, #3 SS
1	037-2103	Buzzer
1	098-1102	Screw, 6-32 x 1/4" RH SS
1	098-1104	Screw, 6-32 x 1/2" RH SS

WIRES

GREEN WIRE 18 GAUGE 12" LONG

91-5204 .187 PIGGYBACK TERMINAL ON ONE END

91-5202 .187 FEMALE SPADE TERMINAL ON OTHER END

WHITE WIRE 18 GAUGE 12" LONG

91-5202 .187 FEMALE SPADE TERMINAL ON ONE END

91-5210 RING TERMINAL ON OTHER END

BLACK WIRE 18 GAUGE 12" LONG

91-5202 .187 FEMALE SPADE TERMINAL ON BOTH ENDS