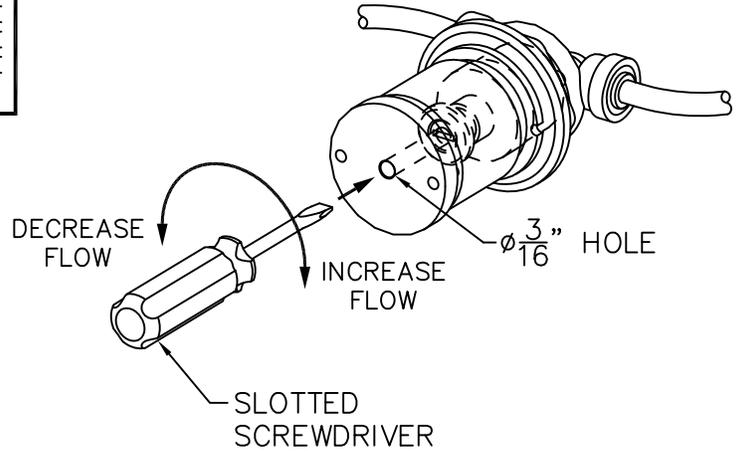
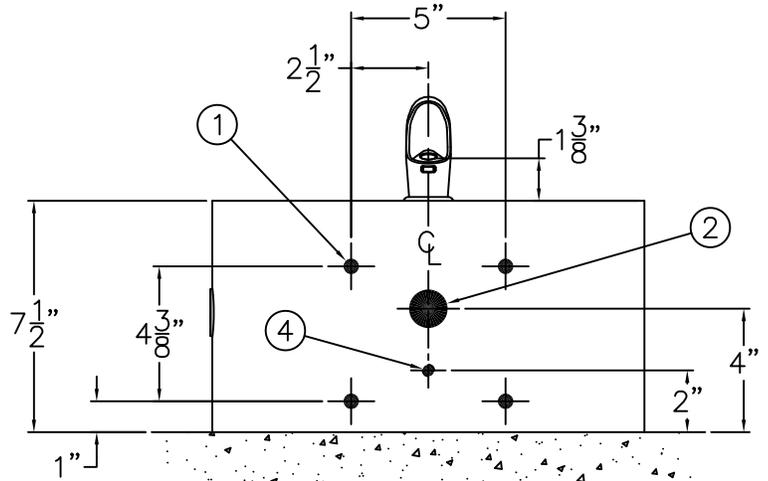
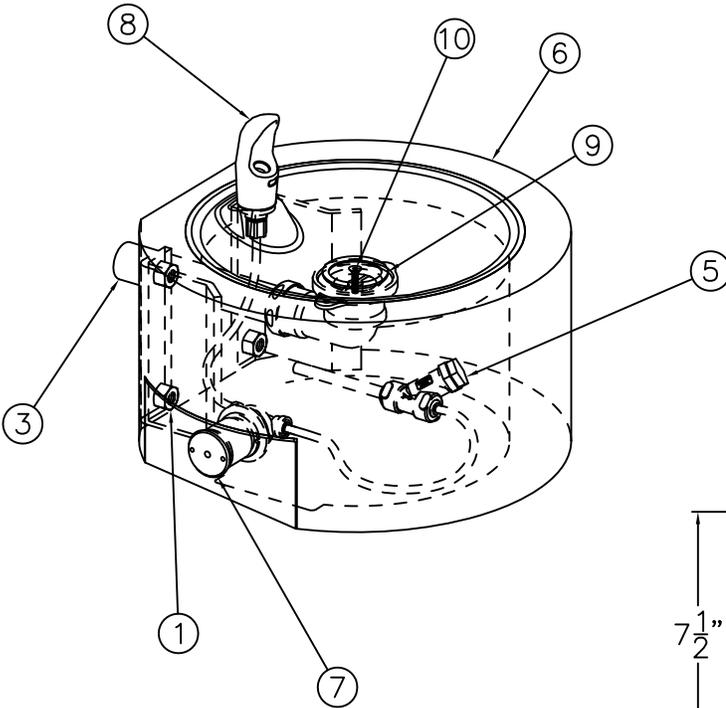


**NOTE:**

UNIT IS SHOWN WITH STANDARD PUSHBUTTON AND VALVE ASSEMBLY. REFERENCE DRAWING # 9938-340-0M1 FOR THE INSTALLATION WITH OPTIONAL -FRU1 UNDERGROUND FREEZE RESISTANT VALVE.



**DETAIL A  
FLOW ADJUSTMENT**

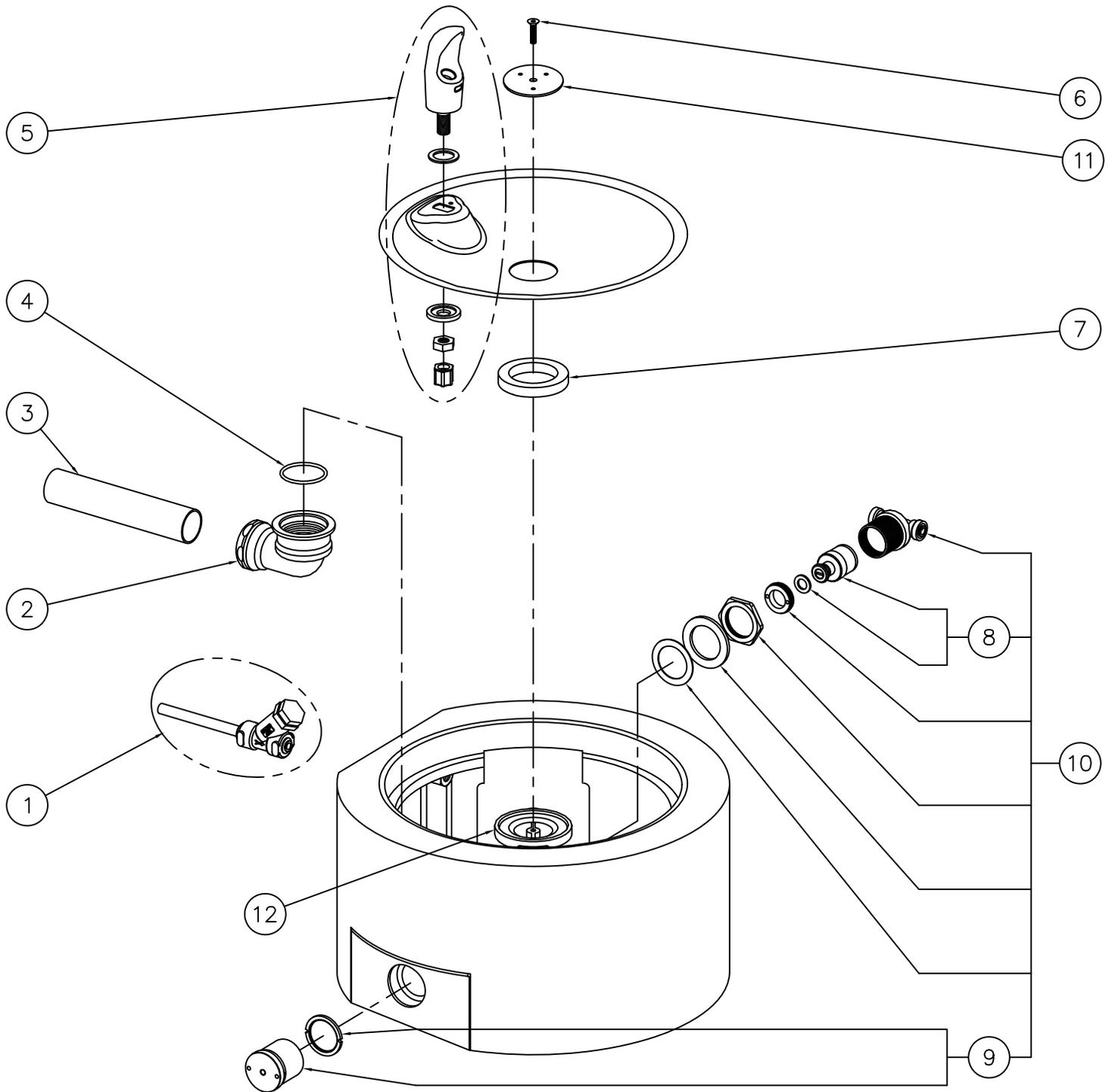


**FRONT ROUGH-IN VIEW**

**INSTALLATION INSTRUCTIONS:**

- A- PROVIDE WALL REINFORCEMENT AND ANCHORS OR PEDESTAL PENETRATIONS BEHIND THE FOUR 1/2"-13 UNC THREADED ANCHORING POINTS (1) AT THE DIMENSIONS SHOWN.
- B- ROUGH-IN WASTE OUTLET (2) AT DIMENSION SHOWN FOR 1-1/4" OUTER DIAMETER PLAIN END ELBOW TAILPIECE (3).
- C- ROUGH-IN WATER SUPPLY (4) AT DIMENSION SHOWN FOR THE 1/4" NOMINAL (3/8" O.D.) x 4" LONG COPPER TUBE CONNECTED TO THE IN-LINE STRAINER (5) PROVIDED. STOP RECOMMENDED ON SUPPLY IS TO BE SUPPLIED BY OTHERS.
- D- CAREFULLY REMOVE FIXTURE (6) AND COMPONENTS FROM THE PACKAGING PREVENTING SCRATCHING AND DAMAGE.
- E- ENSURE PUSHBUTTON (7), WASTE PIPING (3), AND BUBBLER (8) ARE SECURE AND CHECK ALL TUBING CONNECTIONS TO MAKE SURE THEY DID NOT COME LOOSE IN SHIPMENT.
- F- SECURELY ANCHOR FIXTURE (6) TO THE WALL OR PEDESTAL AT ANCHORING POINTS (1) WITH HARDWARE BY OTHERS.
- G- MAKE-UP 1-1/4" O.D. WASTE CONNECTION TO TAILPIECE (3).
- G- PLACE STRAINER (9) INTO BOWL AND SECURE WITH ANTI-VANDAL HEAD SCREW (10).
- I- FLUSH WATER SUPPLY (4) BY OTHERS OF ALL DEBRIS PRIOR TO CONNECTING TO FIXTURE.
- J- CONNECT WATER SUPPLY (4) BY OTHERS TO 1/4" NOMINAL COPPER TUBE INLET. STOP ON THE SUPPLY IS RECOMMENDED. TEST OPERATION OF BUBBLER BY DEPRESSING BUTTON (7). ADJUST THE FLOW RATE AS REQUIRED. SEE DETAIL A. CHECK ALL CONNECTIONS AND WASTE PIPING FOR LEAKS. CORRECT IF PRESENT.

|  |  |  |
|--|--|--|
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|  | <p>MANUFACTURE DATE<br/><b>JANUARY 2006<br/>TO PRESENT</b></p> | <p>DATE ISSUED<br/><b>01/01/06</b></p> <p>DATE REVISED<br/><b>03/30/16</b></p> |



| 1    | 7000-021-001 | "Y" STRAINER ASSEMBLY            | 7    | 7000-006-000 | FLAT DRAIN ADAPTER GASKET            |
|------|--------------|----------------------------------|------|--------------|--------------------------------------|
| 2    | 7000-017-001 | 1-1/4" OD ELBOW/COMPRESSION ASSY | 8    | 7000-050-001 | VALVE CARTRIDGE                      |
| 3    | 7000-113-199 | 1-1/4" OUTER DIAMETER DRAIN TUBE | 9    | 7000-076-001 | RETAINING RING AND STONE BUTTON ASSY |
| 4    | 0401-128-000 | 1.487 ID / 1.693 OD O-RING       | 10   | 7000-065-001 | STONE RECESSED PUSHBUTTON VALVE ASSY |
| 5    | 7000-012-001 | STAINLESS STEEL BUBBLER          | 11   | 7007-008-199 | STRAINER, PET FOUNTAIN               |
| 6    | 0112-008-000 | #10-32 X 1" SS BTN HD C/R SCREW  | 12   | 7000-005-199 | DRAIN ADAPTER                        |
| ITEM | PART NUMBER  | DESCRIPTION                      | ITEM | PART NUMBER  | DESCRIPTION                          |



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**TITLE ROUND OUTDOOR STONE PET FOUNTAIN**

MANUFACTURE DATE  
**JANUARY 2006**  
**TO PRESENT**

DATE ISSUED  
**11/14/05**  
 DATE REVISED  
**03/31/16**

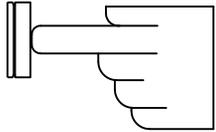
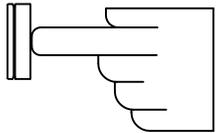
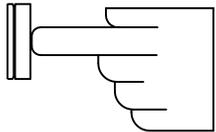
DRAWING NUMBER  
**9938-209-500**



**PUSH PAD / PUSH BUTTON FRU FREEZE RESISTANT DRINKING FOUNTAINS  
NON-METERING AIR-CONTROLLED VALVE - (DIRECT ACTING)**

**CONDITION:**

**SOLUTION:**

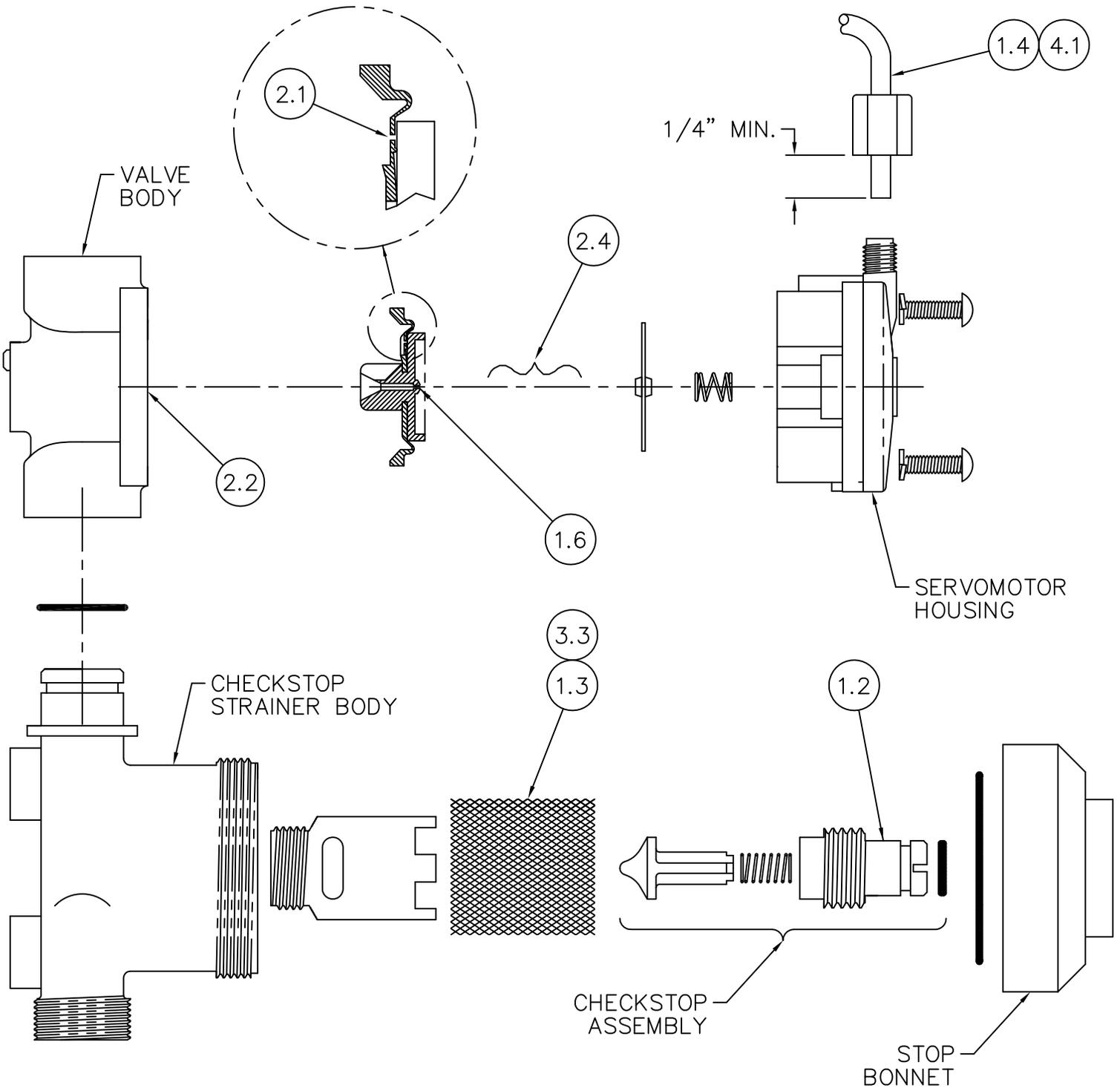
|  |  |
|--|--|
| <p><b>NO WATER FLOW:</b></p>                 | <ol style="list-style-type: none"> <li>1.1 Check water main supply – open.</li> <li>1.2 Inspect checkstops – open.</li> <li>1.3 Inspect checkstop strainer for debris – clean.</li> <li>1.4 Check 1/8” O.D. tubing and fittings for leaks.</li> <li>1.5 Check pushbutton air diaphragm for holes.</li> <li>1.6 Check servomotor diaphragm center hole for blockage.</li> </ol> |
| <p><b>WATER DRIPS / WILL NOT SHUT OFF:</b></p>   | <ol style="list-style-type: none"> <li>2.1 Check servomotor diaphragm offset hole for debris.</li> <li>2.2 Check servomotor seat for build-up or damage.</li> <li>2.3 Check servomotor seat o-ring for damage.</li> <li>2.4 Check servomotor plate and diaphragm for obstruction.</li> </ol>   |
| <p><b>REDUCED WATER FLOW:</b></p>        | <ol style="list-style-type: none"> <li>3.1 Check water main supply for 20 psig minimum flow pressure.</li> <li>3.2 Check valve riser tubing for crimping.</li> <li>3.3 Inspect checkstop strainer for debris – clean.</li> <li>3.4 Check valve flow control for blockage – clean.</li> <li>3.5 Inspect bubbler for debris – clean.</li> </ol>                                  |
| <p><b>PREMATURE WATER SHUTOFF:</b></p>   | <ol style="list-style-type: none"> <li>4.1 Check 1/8” O.D. tubing and fittings for leaks.</li> <li>4.2 Check pushbutton air diaphragm for holes.</li> </ol>  |

Refer to Air-Controlled Valve Maintenance Detail on drawing # 9940-203-001 for -FRA\_ Above Ground units and on drawing # 9940-204-001 for Stone & -FRU\_ Below Ground units to locate solutions above.

|   |   |  |  |   |
|---|---|--|--|---|
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| <p>TITLE<br/><b>JANUARY 2006<br/>TO PRESENT</b></p> |   | <p>MANUFACTURE DATE<br/><b>10/20/05</b></p>                                | <p>DATE ISSUED<br/><b>10/20/05</b></p> | <p>DRAWING NUMBER<br/><b>9940-202-001</b></p> |
|   |   | <p>DATE REVISED<br/><b>03/15/16</b></p>                                    |  |   |



**PUSH PAD / PUSH BUTTON BELOW GROUND FREEZE RESISTANT DRINKING FOUNTAINS  
NON-METERING AIR-CONTROLLED VALVE - (DIRECT ACTING)**



**CHECKSTOP STRAINER - SERVOMOTOR DETAIL**

Refer to drawing #9940-202-001 for Valve Maintenance Instructions numbered solutions detailed above.

|  |   |   |  |
|--|---|---|--|
|  <b>MURDOCK-SUPER SECUR</b><br>P.O. Box 3527 Industry, CA 91744<br>15125 Proctor Ave Industry, CA 91746<br>Phone: (800) 591-9880<br>www.murdock-supersecur.com | <b>TITLE</b><br><b>NON-METERING FRU AIR-CONTROLLED VALVE MAINTENANCE INSTRUCTIONS</b> |   |  |
|  | <b>MANUFACTURE DATE</b><br><b>JANUARY 2006</b><br><b>TO PRESENT</b>                   | <b>DATE ISSUED</b><br><b>12/07/05</b><br><b>DATE REVISED</b><br><b>03/15/16</b> | <b>DRAWING NUMBER</b><br><b>9940-204-001</b> |