

INSTALLATION INSTRUCTIONS:

- A- PROVIDE 30" SQUARE MINIMUM x 6" DEEP MINIMUM CONCRETE SLAB BY OTHERS TO SECURELY ANCHOR FIXTURE. INSTALL THE FOUR PROVIDED CONCRETE ANCHORS (1) AT DIMENSIONS SHOWN TO MATCH HOLES (2) IN FIXTURE BASE.
- B- ROUGH-IN WASTE OUTLET (3) AT DIMENSION SHOWN FOR 1-1/4" PVC PIPE SIZE OR USE THE COMPRESSION ADAPTER PROVIDED LOOSE FOR 1-1/4" OUTER DIAMETER TUBE.
- C- ROUGH-IN WATER SUPPLY (4) WITHIN THE BOTTOM OPENING FOR CONNECTION TO VALVE USING SUPPLIED 6" LONG FLEX HOSE WITH 1/2" NPS FEMALE END WHICH WILL ACCOMODATE 1/2" NPT MALE ADAPTER.
- D- CAREFULLY REMOVE THE FIXTURE AND COMPONENTS FROM THE PACKAGING PREVENTING SCRATCHING AND DAMAGE.
- E- REMOVE BACK ACCESS PANEL (5) FROM FIXTURE PEDESTAL (6) & BOTTOM ACCESS PANELS (7) FROM CANTILEVERS (8). ENSURE PUSHBUTTONS (9), WASTE PIPING (10), AND BUBBLERS (11) ARE SECURE AND CHECK ALL THE TUBING CONNECTIONS TO MAKE SURE THEY DID NOT COME LOOSE IN SHIPMENT.

- F- SET PEDESTAL (6) IN PLACE ALIGNING BASE HOLES (2) WITH THE INSTALLED ANCHORS (1) AND SECURE WITH THE 1/2" UNC HARDWARE (12) PROVIDED.
- G- ASSEMBLE CANTILEVERS (8) TO PEDESTAL (6) USING THE HARDWARE (13) PROVIDED PASSING THE BUBBLER & BUTTON TUBING, AND PIPING (10) THRU PEDESTAL (6) OPENING.
- H- MAKE-UP WASTE CONNECTION TO THE WASTE PIPING (10).
- I- INSTALL AIR-CONTROL VALVE WITHIN PEDESTAL USING THE HARDWARE PROVIDED. CONNECT 1/4" O.D. TUBING COMING FROM 1/4 TURN VALVES AND 1/8" O.D. TUBING FROM PUSH-BUTTONS TO VALVE. NOTE: ONLY HANDTIGHTEN FERRULE NUTS.
- J- FLUSH WATER SUPPLY (4) BY OTHERS OF ALL DEBRIS PRIOR TO CONNECTING TO VALVE.
- K- CONNECT WATER SUPPLY (4) BY OTHERS TO VALVE USING SUPPLIED 1/2" NPS FLEX HOSE.
- L- TEST OPERATION OF BUBBLERS BY DEPRESSING BUTTONS (9). ADJUST FLOW RATE AS REQUIRED USING IN-LINE 1/4 TURN VALVES. CHECK ALL CONNECTIONS AND WASTE PIPING FOR LEAKS. CORRECT IF PRESENT.
- M- RE-INSTALL BACK ACCESS PANEL (5) AND BOTTOM ACCESS PANELS (7).

**OCTOBER 2005
TO PRESENT**

DATE ISSUED

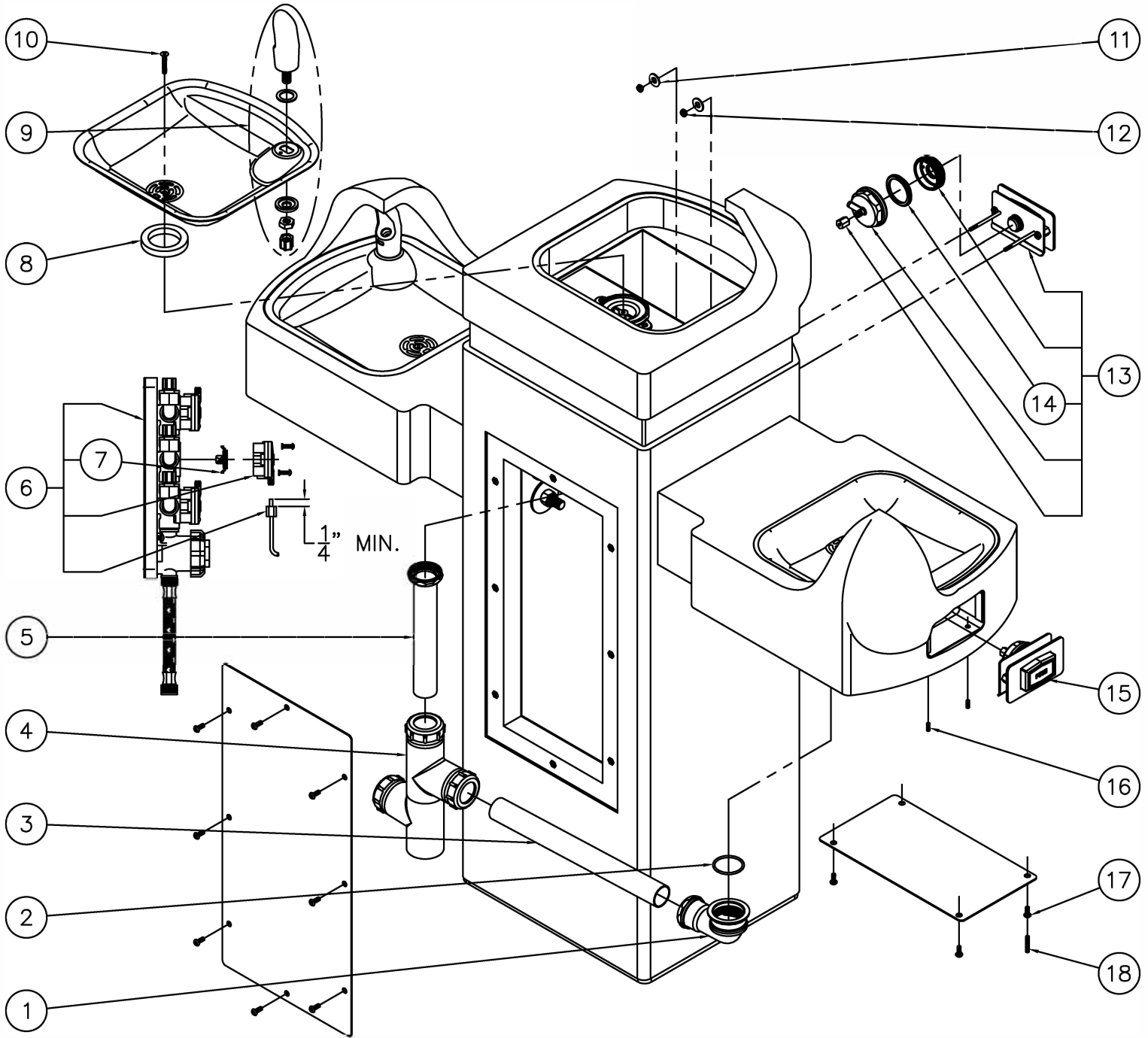
09/27/05

DATE REVISED

04/07/16

DRAWING NUMBER

9938-230-001



1	7000-017-001	ELBOW ASSEMBLY	10	0152-040-000	ALLEN FLAT HEAD SCREW
2	0401-128-000	O-RING	11	0331-020-000	STAINLESS STEEL WASHER
3	7000-113-199	1-1/4" O.D. x 12" LONG DRAIN TUBE	12	0302-003-000	#8/32" UNF STAINLESS STEEL HEX NUT
4	7002-012-001	TRI-LEVEL PIPING ASSEMBLY	13	7031-160-001	STONE FOUNTAIN PUSHBUTTON ASSEMBLY
5	7000-019-001	1-1/4" OUTER DIAMETER TAILPIECE	14	2566-001-000	PUSHBUTTON DIAPHRAGM
6	2590-024-001	S/T NON-METERING AIR-CONTROL VALVE	15	6154-035-002	STONE CANTILEVER PUSHBUTTON ASSEMBLY
7	2563-010-001	WATER DIAPHRAGM ASSEMBLY	16	0186-008-000	#8-32 x 1/2" LONG SET SCREW
8	7000-006-000	FLAT DRAIN ADAPTER GASKET	17	0112-002-000	CENTER REJECT ALLEN BUTTON HD SCREW
9	7000-012-001	STAINLESS STEEL BUBBLER	18	0296-025-199	CENTER REJECT HEX DRIVER BIT
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION

MANUFACTURE DATE

JANUARY 2006
TO PRESENT

DATE ISSUED

05/08/07

DATE REVISED

04/11/16

DRAWING NUMBER

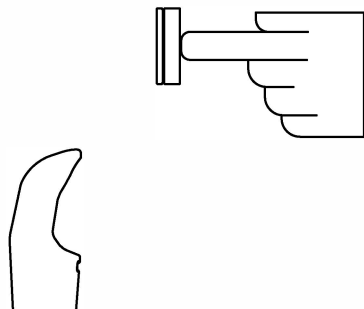
9938-230-500

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

CONDITION:

SOLUTION:

NO WATER FLOW:



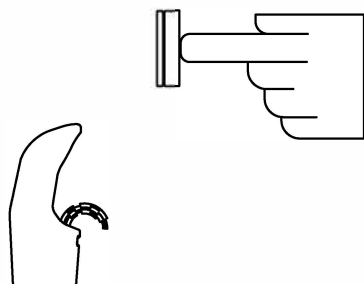
- 1.1 Check water main supply – open.
- 1.2 Inspect checkstops – open.
- 1.3 Inspect checkstop strainer for debris – clean.
- 1.4 Check 1/8” O.D. tubing and fittings for leaks.
- 1.5 Check pushbutton air diaphragm for holes.
- 1.6 Check servomotor diaphragm center hole for blockage.

WATER DRIPS / WILL NOT SHUT OFF:



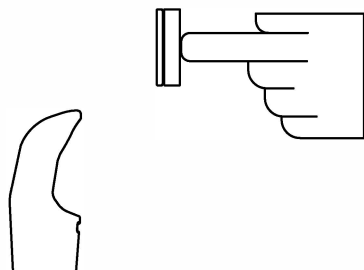
- 2.1 Check servomotor diaphragm offset hole for debris.
- 2.2 Check servomotor seat for build-up or damage.
- 2.3 Check servomotor seat o-ring for damage.
- 2.4 Check servomotor plate and diaphragm for obstruction.

REDUCED WATER FLOW:



- 3.1 Check water main supply for 20 psig minimum flow pressure.
- 3.2 Check valve riser tubing for crimping.
- 3.3 Inspect checkstop strainer for debris – clean.
- 3.4 Check valve flow control for blockage – clean.
- 3.5 Inspect bubbler for debris – clean.

PREMATURE WATER SHUTOFF:

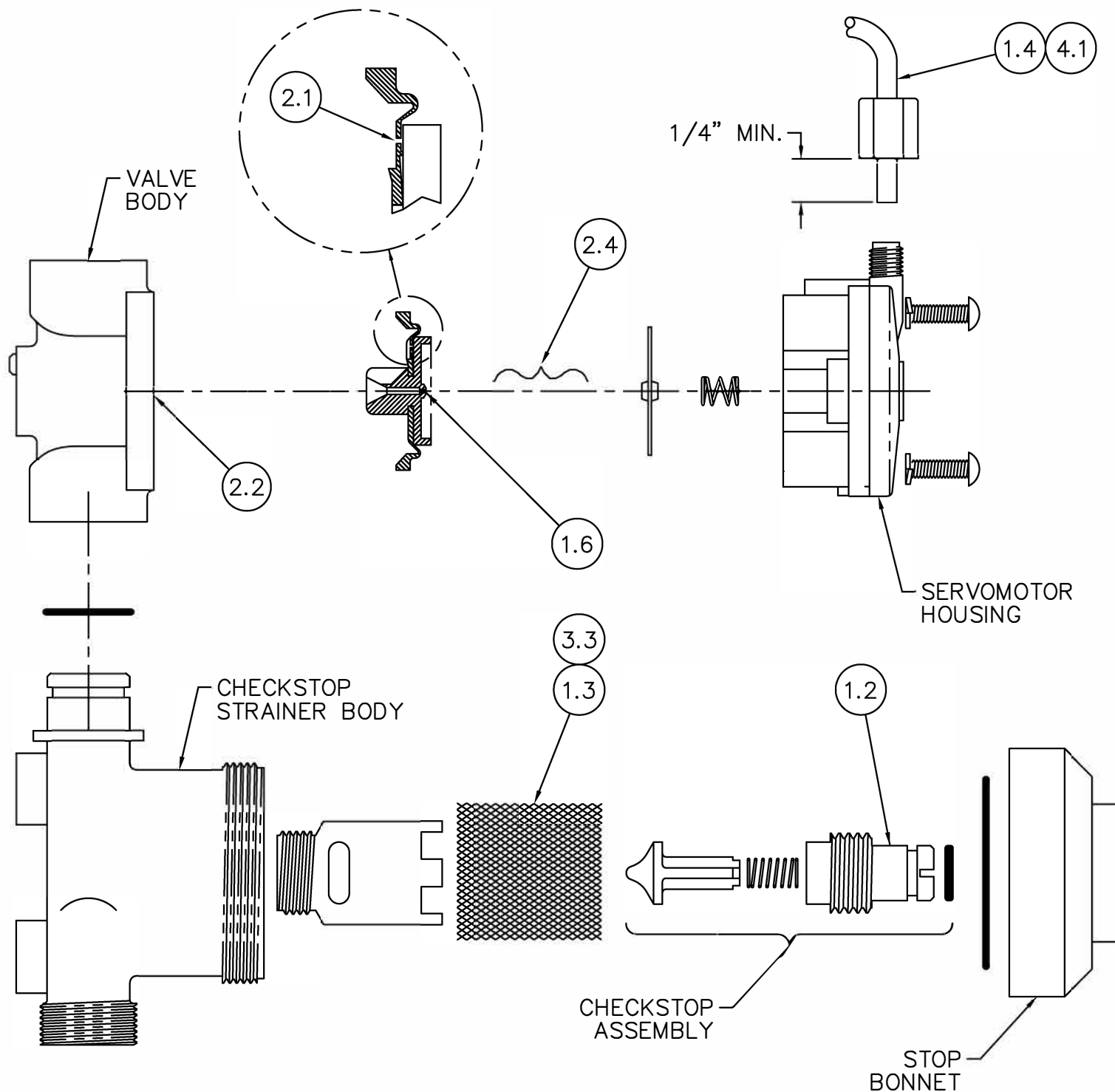


- 4.1 Check 1/8” O.D. tubing and fittings for leaks.
- 4.2 Check pushbutton air diaphragm for holes.

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.

	TITLE FRU FREEZE RESISTANT FOUNTAIN VALVE MAINTENANCE INSTRUCTIONS		
	MANUFACTURE DATE JANUARY 2006 TO PRESENT	DATE ISSUED 10/20/05	DRAWING NUMBER 9940-202-001
		DATE REVISED 03/15/16	

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.

3/4	TITLE		
	NON-METERING FRU AIR-CONTROLLED VALVE MAINTENANCE INSTRUCTIONS		
	MANUFACTURE DATE		DATE ISSUED
	JANUARY 2006		12/07/05
	TO PRESENT		DATE REVISED
			03/15/16
			DRAWING NUMBER
			9940-204-001