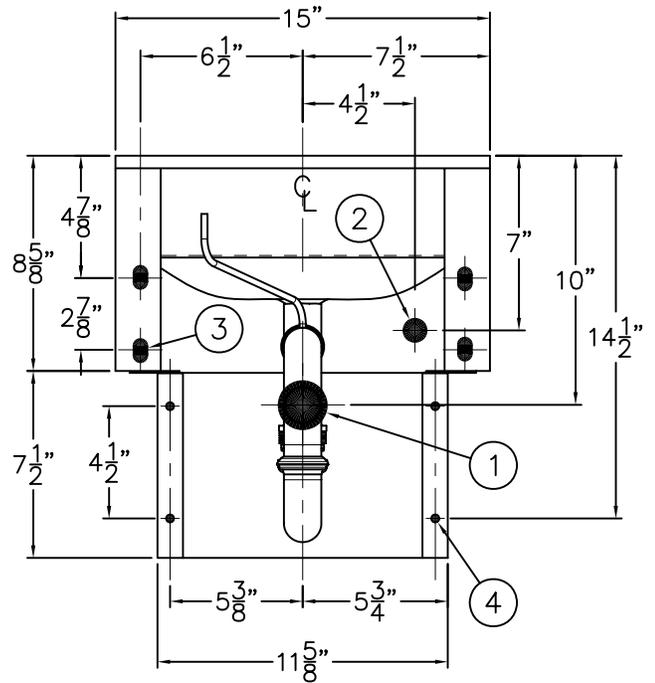


REFERENCE DRAWINGS	
AIR-CONTROL CONNECTIONS	9905-006-001
FIXTURE TRIM (SINGLE TEMP.)	9957-026-001
MOUNTING HARDWARE	9957-900-001
-SW WALL SLEEVE	9925-226-001
OPTIONAL VALVES:	
-MVC1 TIME-TROL	9900-001-004
-EVS1 MASTER-TROL	9905-330-004

WARNING:

WATER FLOW PRESSURE 25/100 PSI MIN/MAX. RECOMMENDED OUTLET TEMPERATURE 105°F MAX. FLUSH ALL SUPPLY LINES THOROUGHLY BEFORE CONNECTING. DRAIN VALVE PRIOR TO FREEZING TEMPERATURES.

NOTE: REFER TO A.D.A. ACCESSIBILITY GUIDELINES FOR COMPLETE INSTALLATION REQUIREMENTS.



REAR VIEW

ROUGH-IN FOR THE FOLLOWING:

- FIXTURE WASTE: 1-1/2" OD PLAIN END WASTE OUTLET (1).
- SUPPLY INLET: 1/2" NPS HOSE END VALVE CONNECTION (2). NOTE: HOSE END CONNECTION WILL ACCOMMODATE 1/2" NPT ADAPTER.
- WALL ANCHORS FOR Ø5/8" x 1" LONG SLOTS (3) & Ø5/16" ENCLOSURE (4) ANCHORING PUNCHING.

INSTALLATION INSTRUCTIONS:

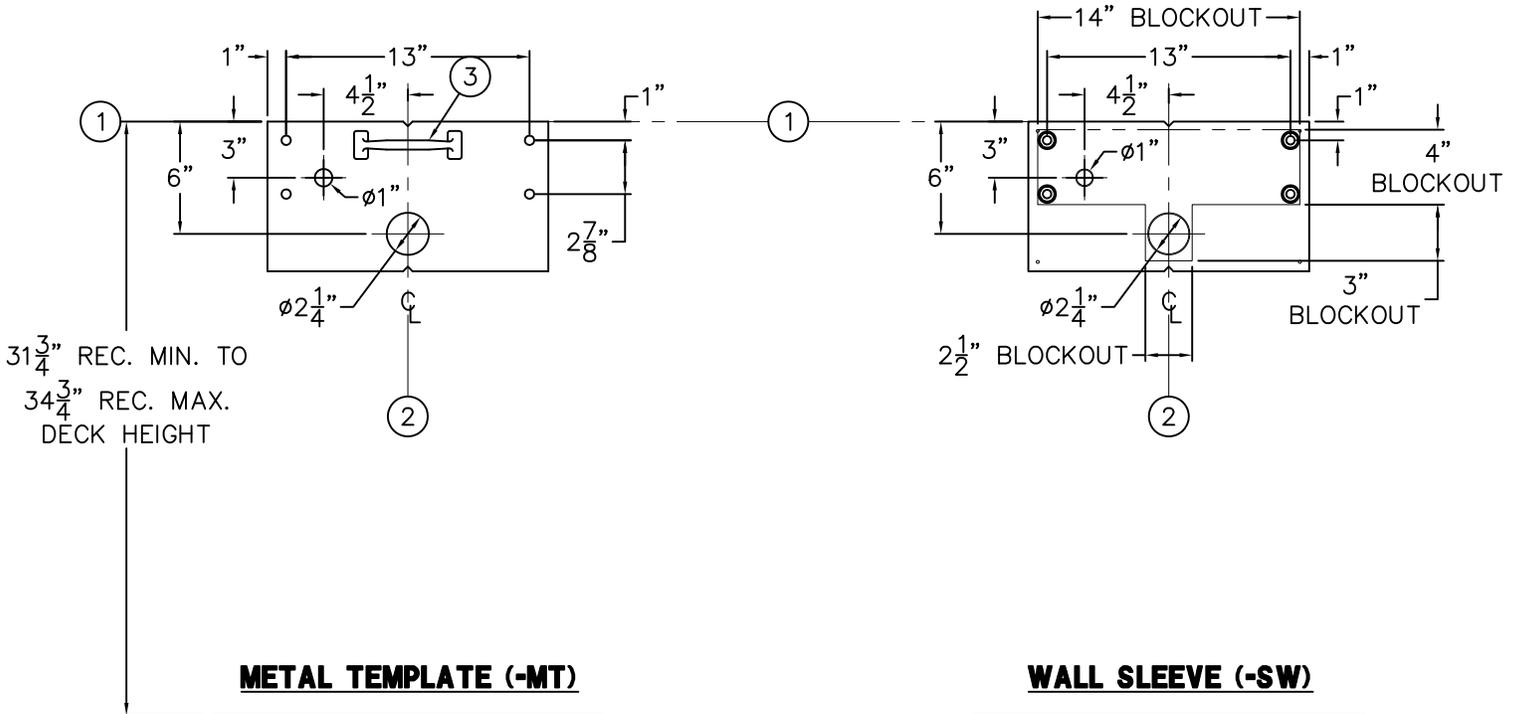
- A-MOUNT BUBBLERS (5) AND PUSHBUTTONS (6) TO FIXTURE. SEE DRAWING 9905-006-001 FOR DETAILS.
- B-THREAD 1/2"-13 UNC STUDS (7) INTO INSTALLED WALL ANCHORS. NOTE: STUDS MUST HAVE 1/2" MINIMUM ENGAGEMENT.

- C-ALIGN ANCHOR STUDS (7) WITH FIXTURE PUNCHING AND SLIDE UNTIL UNIT RESTS THE FINISHED WALL.
- D-ANCHOR WITH NUTS (8) AND WASHERS (9). TIGHTEN TO 60 FT. LBS.
- E-MAKE UP WASTE CONNECTION (1).
- F-AFTER THOROUGHLY FLUSHING SUPPLY LINES MAKE UP VALVE INLET CONNECTION (2).
- G-SEE APPROPRIATE SHEETS FOR VALVE DETAILS.



ACORN ENGINEERING COMPANY
P.O. BOX 3527 Industry, CA 91744
15125 Proctor Ave Industry, CA 91746
(626) 336-4561 FAX (626) 961-2200

TITLE ADA COMPLIANT DRINKING FOUNTAIN CAT. #1672FA		
MANUFACTURE DATE JANUARY 2012 TO PRESENT	DATE ISSUED 01/25/12	DRAWING NUMBER 9925-191-002
	DATE REVISED	



METAL TEMPLATE (-MT)

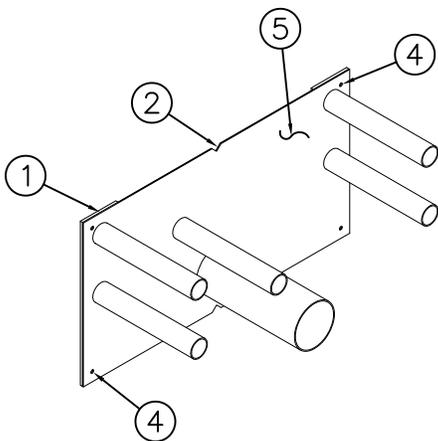
WALL SLEEVE (-SW)

-MT METAL TEMPLATES

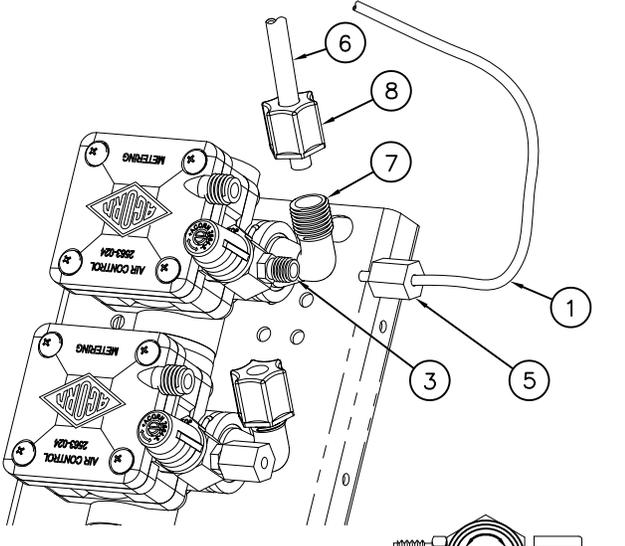
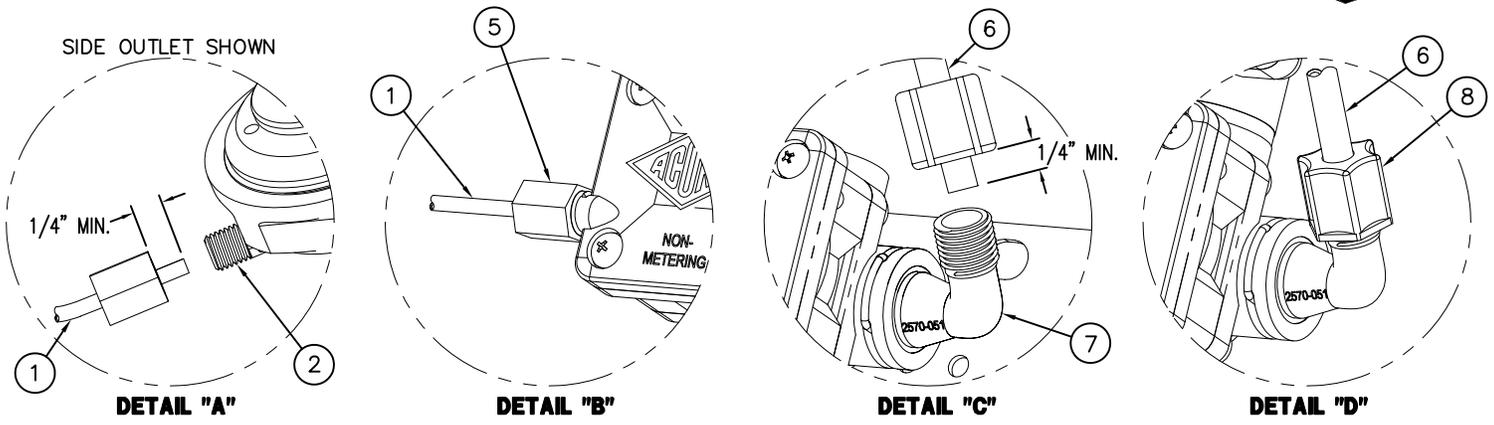
- A- TEMPLATES ARE USED TO LAYOUT REQUIRED WALL OPENINGS FOR SUBSEQUENT FLAME CUTTING OR CORE DRILLING.
- B- STRIKE A HORIZONTAL CHALK LINE ① ON THE WALL AT DIMENSION SHOWN, MEASURED FROM THE FIXTURE SIDE. THIS WILL LOCATE THE FIXTURE DECK HEIGHT.
- C- STRIKE A VERTICAL CHALK LINE ② ON THE WALL TO INDICATE THE CENTERLINE OF THE FIXTURE. THIS WILL LOCATE THE VERTICAL NOTCHES ON THE TEMPLATE.
- D- USING HANDLE ③ ON TEMPLATE, PLACE TEMPLATE AGAINST WALL. ALIGN TOP OF TEMPLATE ① AND VERTICAL NOTCHES ② WITH CHALK LINES AND MARK FOR REQUIRED WALL OPENINGS.

-SW WALL SLEEVES

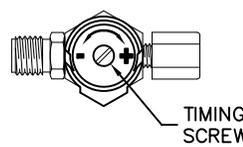
- A- SLEEVES ARE INSTALLED IN FORMS USING NAIL HOLES PROVIDED ④ OR GROUTED INTO BLOCK OR CEMENT WALLS BECOMING A PERMANENT PART OF THE WALL.
- NOTE: FOR POURED WALL CONSTRUCTION, TEMPORARY BRACING SHOULD BE INSTALLED WITHIN SLEEVE OPENINGS TO PREVENT DEFORMATION TO SLEEVES WHICH MAY OCCUR DURING POUR. DO NOT POUR CONCRETE DIRECTLY ON WALL SLEEVE.
- B- INSTALL SLEEVE WITH FLANGE ⑤ ON CHASE SIDE OF WALL.
- C- LOCATE TOP AND BOTTOM NOTCHES ② AT VERTICAL CENTERLINE OF PLUMBING FIXTURE.
- D- LOCATE THE TOP OF THE FLANGE ① AT DIMENSION SHOWN, MEASURED FROM THE FIXTURE SIDE. THIS WILL LOCATE THE FIXTURE DECK HEIGHT.
- E- WHEN SLEEVES ARE NOT AVAILABLE, BLOCKOUT FOR SLEEVE OPENINGS IN WALL PER DIMENSIONS SHOWN.



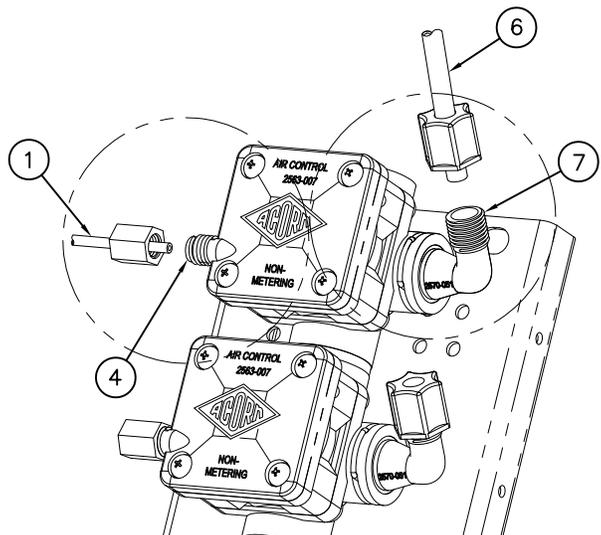
<p>ACORN ENGINEERING COMPANY P.O. BOX 3527 Industry, CA 91744 15125 Proctor Ave Industry, CA 91746 (626) 336-4561 FAX (626) 961-2200</p>	<p>TITLE -SW WALL SLEEVE & -MT METAL TEMPLATE - CAT. #1672-FA FOUNTAIN</p>		
	<p>MANUFACTURE DATE OCTOBER, 2007 TO PRESENT</p>	<p>DATE ISSUED 10/22/07</p> <p>DATE REVISED</p>	<p>DRAWING NUMBER 9925-226-001</p>



METERING



TIMING SCREW



NON-METERING DIRECT ACTING

TIMING IS ADJUSTABLE FROM 5 TO 60 SECONDS AND IS ACCOMPLISHED BY ROTATING TIMING SCREW. TURING THE SCREW CLOCKWISE INCREASES WHILE COUNTERCLOCKWISE DECREASES TIMING.

REFERENCE DRAWINGS	
ASSEMBLIES	DRAWING
VALVE BODY	9955-006-003
CHECKSTOP	9956-040-003
FIXTURE TRIM	9957-051-001
AIR-CONTROL SERVOMOTORS	
METERING	9955-000-003
NON-METERING	9955-001-003

INSTALLATION INSTRUCTIONS:

- A- MOUNT FIXTURE IN ACCORDANCE TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- B- ASSEMBLE SPOUTS AND PUSHBUTTONS TO FIXTURE.
- C- CONNECT 1/8" O.D. POLYETHYLENE AIR LINE (1) TO PUSHBUTTON (2), AND VALVE TIMER ASSEMBLY (3) SEE DETAIL "A". NOTE: FOR DIRECT ACTING: ASSEMBLE TO AIR PORT (4), SEE DETAIL "B". HAND TIGHTEN FERRULE NUT (5) PROVIDED.
- D- CONNECT 1/4" O.D. POLYETHYLENE WATER LINES (6) TO VALVE ASSEMBLY ELBOW (7) SEE DETAILS "C", AND "D". HAND TIGHTEN FERRULE NUT (8) PROVIDED.
- E- AFTER THOROUGHLY FLUSHING SUPPLY LINES MAKE UP CONNECTIONS TO VALVE ASSEMBLY INLET(S) 1/2" NPT OR 1/2" NPS FLEX HOSE AS REQUIRED.

NOTE:

- 1) ALL TUBING SHOULD BE CUT SQUARE AND BE FREE OF BURRS OR DEFORMITIES TO ENSURE A WATER TIGHT CONNECTION.
- 2) EXTEND TUBING AT LEAST 1/4" BEYOND FERRULE NUT BEFORE INSERTING TUBING INTO CONNECTION OPENING BEFORE TIGHTENING.
- 3) TUBING SHOULD BE FREE OF KINKS FOR PROPER OPERATION
- 4) MAXIMUM RECOMMENDED WORKING WATER PRESSURE IS 100 PSI; TEMPERATURE IS 130° F; OUTLET TEMPERATURE IS RECOMMENDED AT A MAXIMUM OF 105° F.

WARNING:

PRIOR TO MAKING INSTALLATION, SUPPLY LINES MUST BE FLUSHED OF ALL FOREIGN MATERIAL SUCH AS PIPE DOPE, CHIPS, SOLDER, ETC. VALVE MUST BE DRAINED PRIOR TO BEING SUBJECTED TO FREEZING TEMPERATURES. MAXIMUM RECOMMENDED OUTLET WATER TEMPERATURE IS 105° F.

<p>ACORN ENGINEERING COMPANY P.O. BOX 3527 Industry, CA 91744 15125 Proctor Ave Industry, CA 91746 (626) 336-4561 FAX (626) 961-2200</p>	<p>TITLE HAND OPERATED AIR-CONTROL VALVE CONNECTIONS</p>		
	<p>MANUFACTURE DATE</p> <p>JANUARY 1999</p> <p>TO PRESENT</p>	<p>DATE ISSUED</p> <p>04/22/10</p>	<p>DRAWING NUMBER</p> <p>9905-006-001</p>
		<p>DATE REVISED</p> <p>10/11/10</p>	