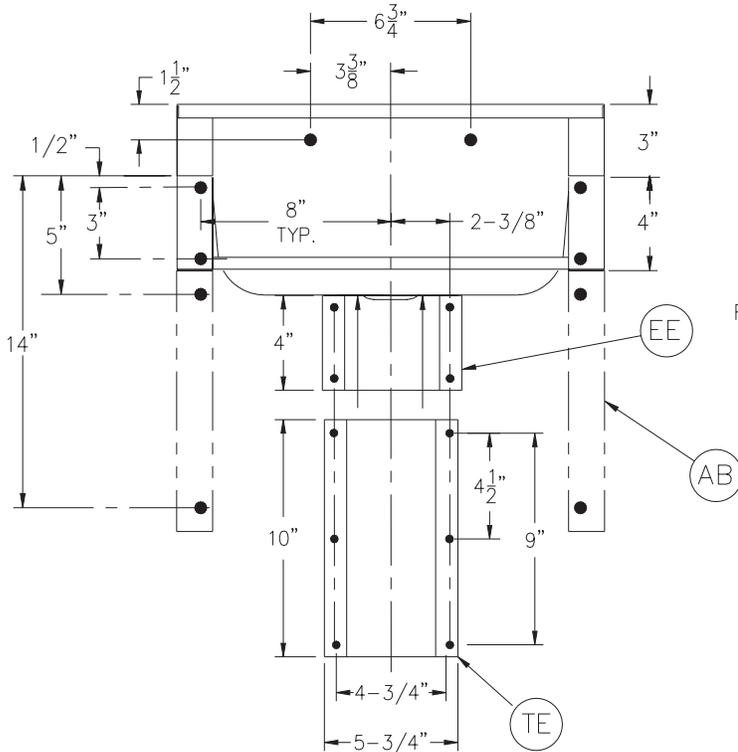


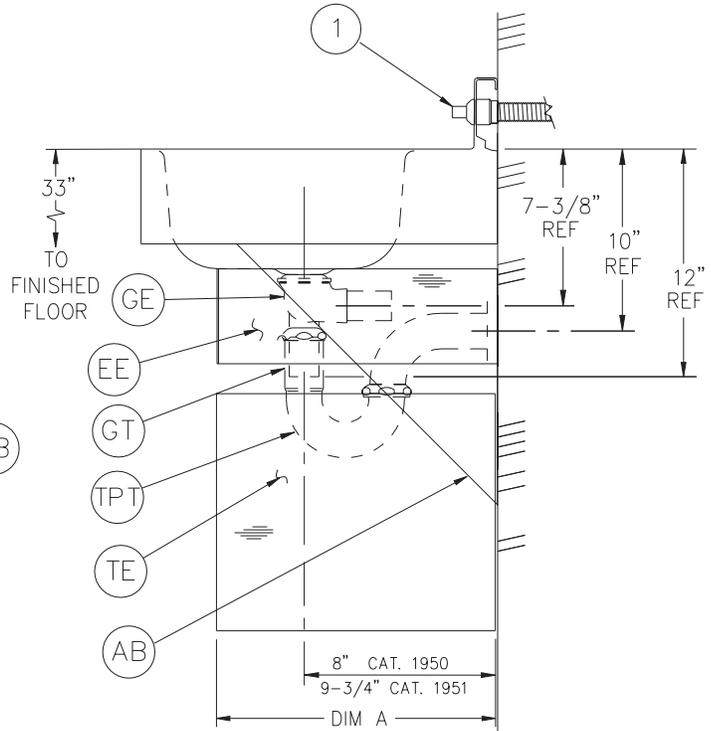


DIM. FOR -TE & -EE

	DIM "A"
1950	9-7/8"
1951	11-3/4"



REFERENCE DRAWING	
HOT & COLD AIR-CONTROL VALVE	9908-103-001
SINGLE TEMP AIR-CONTROL VALVE	9908-104-001



INSTALLATION INSTRUCTIONS

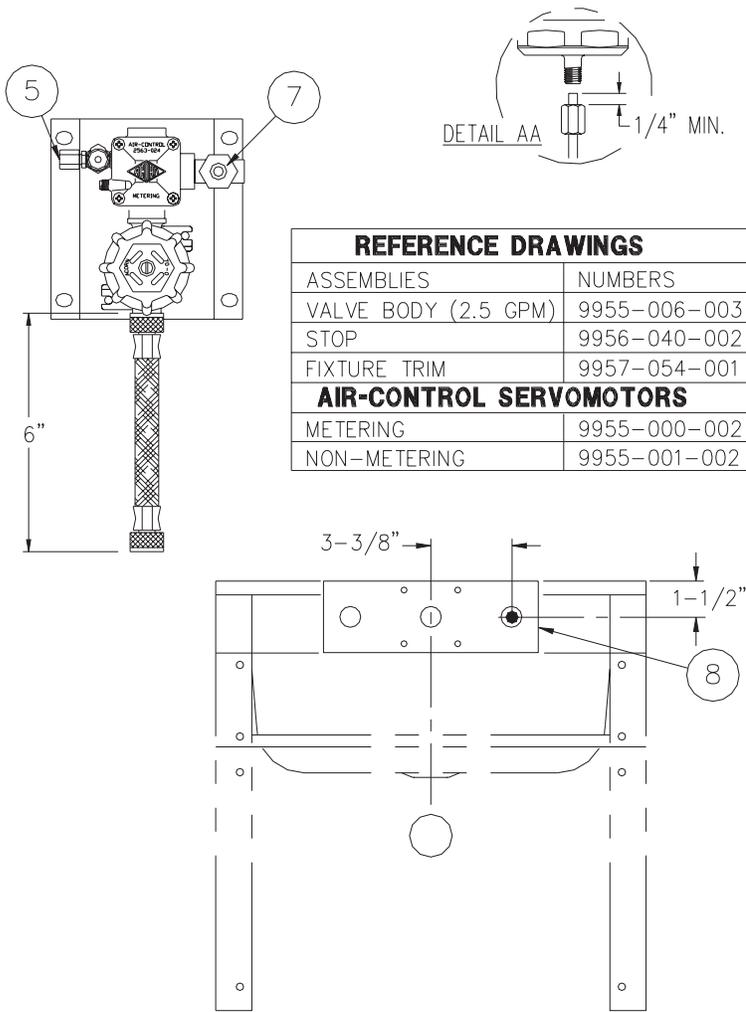
- A- SEE DETAIL FOR CURRENT HOT & COLD OR SINGLE TEMP. VALVE INSTALLATION SHEET.
- B- MOUNT PUSHBUTTON ASSEMBLY ① TO THE FIXTURE BACKSPASH.
- C- INSTALL WALL ANCHORS AND ATTACH FIXTURE. COUNTERTOP IS RECOMMENDED AT 33" ABOVE FINISHED FLOOR.
- D- MAKE WASTE CONNECTIONS. DIMENSIONS VARY DEPENDING ON OPTIONAL WASTE CONNECTION SELECTED:
- (AB) - OPTIONAL ANGLE BRACE, USED FOR ADDITIONAL SUPPORT IN HIGH ABUSE AREAS.

- (EE) - OPTIONAL ELBOW ENCLOSURE FOR USE WITH -GE CLOSE ELBOW 1-1/4".
- (GE) - OPTIONAL GRID STRAINER WITH CLOSE ELBOW- 1-1/4" OD COMPRESSION CONNECTION.
- (GT) - OPTIONAL GRID STRAINER WITH TAILPIECE- 1-1/4" OD COMPRESSION CONNECTION.
- (TE) - OPTIONAL TRAP ENCLOSURE FOR ADDITIONAL SECURITY ON FIXTURE.
- (TPT) - OPTIONAL TUBING P-TRAP 1-1/4" x 1-1/2" OD.
- E - ROUGH-IN PLUMBING AND FLUSH SUPPLY LINES.
- F - MOUNT TRAP/ELBOW ENCLOSURE TO WALL AFTER INSTALLING PLUMBING. HARDWARE BY OTHERS.

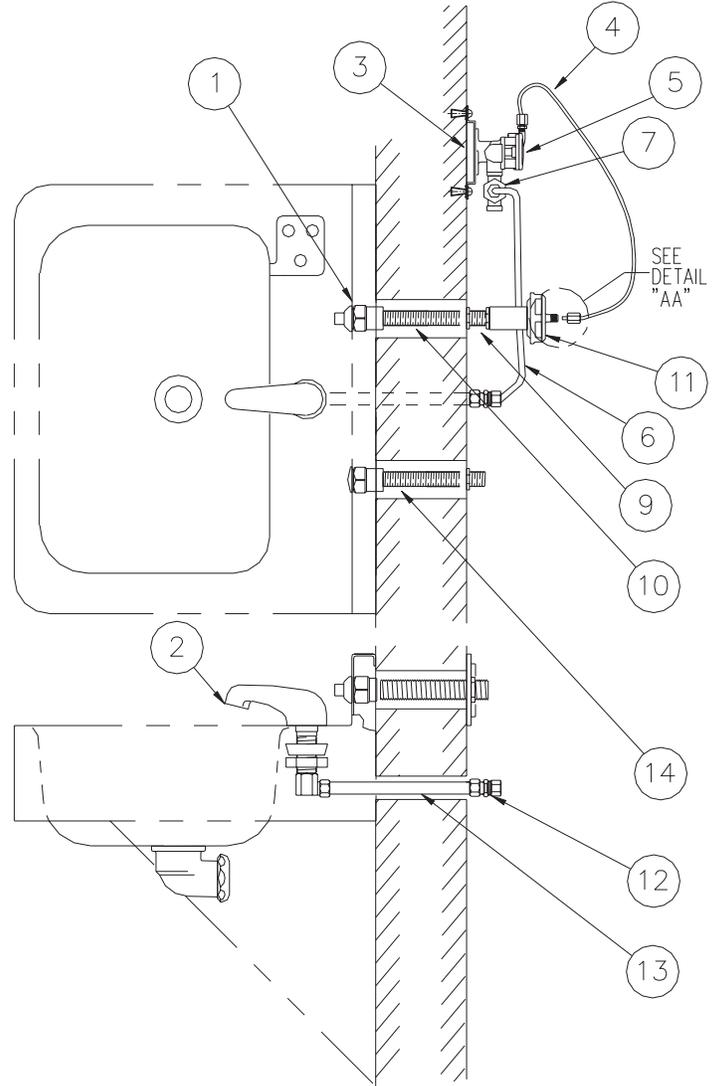


ACORN ENGINEERING COMPANY
 P.O. BOX 3527 INDUSTRY, CA. 91744
 (626) 336-4561 FAX (626) 961-2200

TITLE		
WALL HUNG LAVATORY - REAR MOUNTED VALVE CAT. #1950 & #1951		
MANUFACTURE DATE	DATE ISSUED	DRAWING NUMBER
JAN 1980	06-01-90	9908-001-001
TO PRESENT	09/09/02	



REFERENCE DRAWINGS	
ASSEMBLIES	NUMBERS
VALVE BODY (2.5 GPM)	9955-006-003
STOP	9956-040-002
FIXTURE TRIM	9957-054-001
AIR-CONTROL SERVOMOTORS	
METERING	9955-000-002
NON-METERING	9955-001-002



INSTALLATION INSTRUCTIONS:

NOTE: THIS VALVE OPTION REQUIRES A REAR ACCESSIBLE PIPE SPACE.

- A- PRIOR TO INSTALLATION OF THE FIXTURE, MOUNT PUSH-BUTTON (1) TO BACK SPLASH AND SPOUT (2) TO DECK.
- B- INSTALL THE FIXTURE TO THE WALL INCLUDING UPPER VALVE SUPPORT PLATE (8).
- C- TO ADJUST PUSH-BUTTON ASSEMBLY: LOOSEN THE LOCK NUT (9) AND ROTATE THE ADJUSTING SLEEVE (10) AS REQUIRED. WHEN PROPERLY ADJUSTED, THERE WILL BE NO PLAY AND ONLY MINOR TENSION AT THE BUTTON. INSTALL BLANK PUSH BOTTOM ASSEMBLY TO PROVIDE ADDITIONAL FIXTURE SUPPORT (14).
- D- MOUNT THE AIR-CONTROL VALVE (3). LOCATE AS REQ'D. MAX. ALLOWABLE DISTANCE BETWEEN PUSHBUTTON AND AIR-CONTROL SERVO-MOTOR IS 10 FEET. WALL FASTENERS BY OTHERS.
- E- CONNECT 1/8" O.D. POLYETHYLENE AIR LINES (4) TO DIAPHRAGM RETAINERS (11) AND SERVOMOTORS (5) HAND TIGHT. USE FERRULE NUTS PROVIDED. SEE DETAIL "A-A".

- NOTE: WHEN METERING VALVES ARE SPECIFIED, THE AIR LINES CONNECT DIRECTLY TO THE TIMER. PUSH BUTTON SHOWN FOR TEMPERED WATER SUPPLY MAY BE POSITIONED OPPOSITE.
- F- CONNECT 1/4" OD POLYETHYLENE WATER LINE (6) TO SPOUT COMPRESSION NUT (12) AND SERVOMOTOR COMPRESSION FITTING (7) USING FERRULE NUTS PROVIDED. ATTACH 1/4" NOM. COPPER TUBING (13) TO SPOUT.
- G- AFTER THOROUGHLY FLUSHING THE SUPPLY LINES, MAKE-UP SUPPLY CONNECTIONS (1/2" NPT).
- H- SEE APPROPRIATE SERVOMOTOR REFERENCE DRAWING FOR DETAILS AND TIMING INSTRUCTIONS.

AIR-CONTROL VALVE:

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



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TITLE REAR MOUNTED SINGLE TEMP AIR-CONTROL VALVE - CAT. #1950-03 & 1951-03		
MANUFACTURE DATE JAN 1994 TO PRESENT	DATE ISSUED 02-03-99	DRAWING NUMBER 9908-104-001
	DATE REVISED	