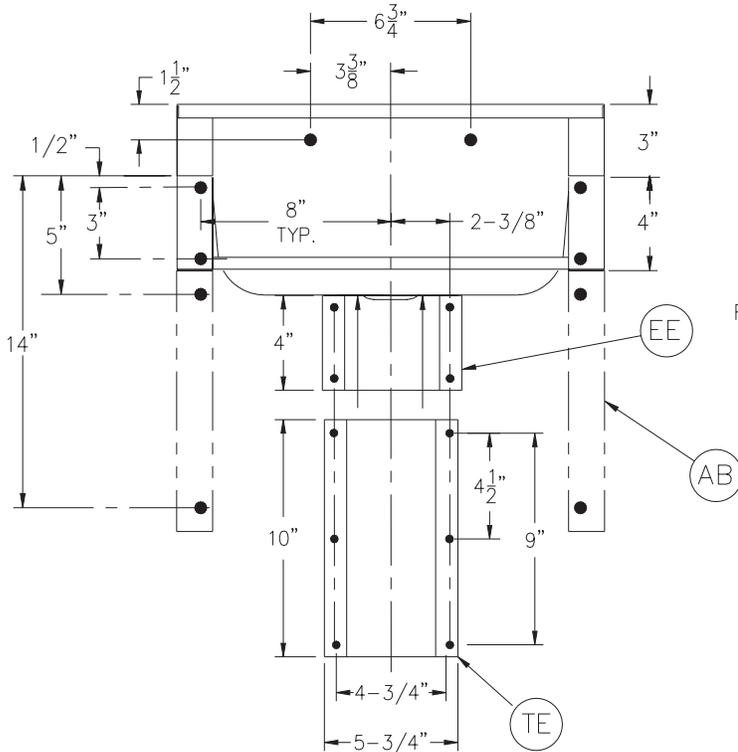


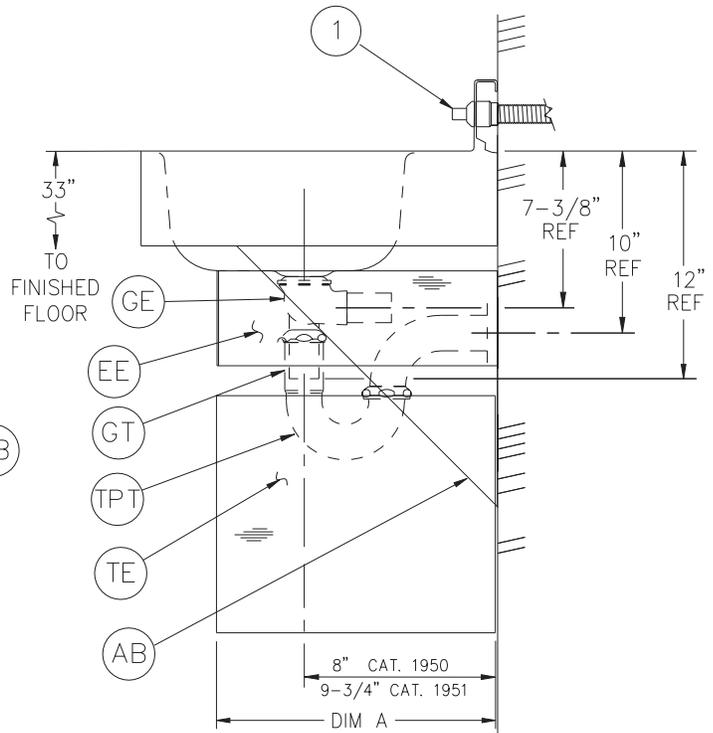


DIM. FOR -TE & -EE

	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



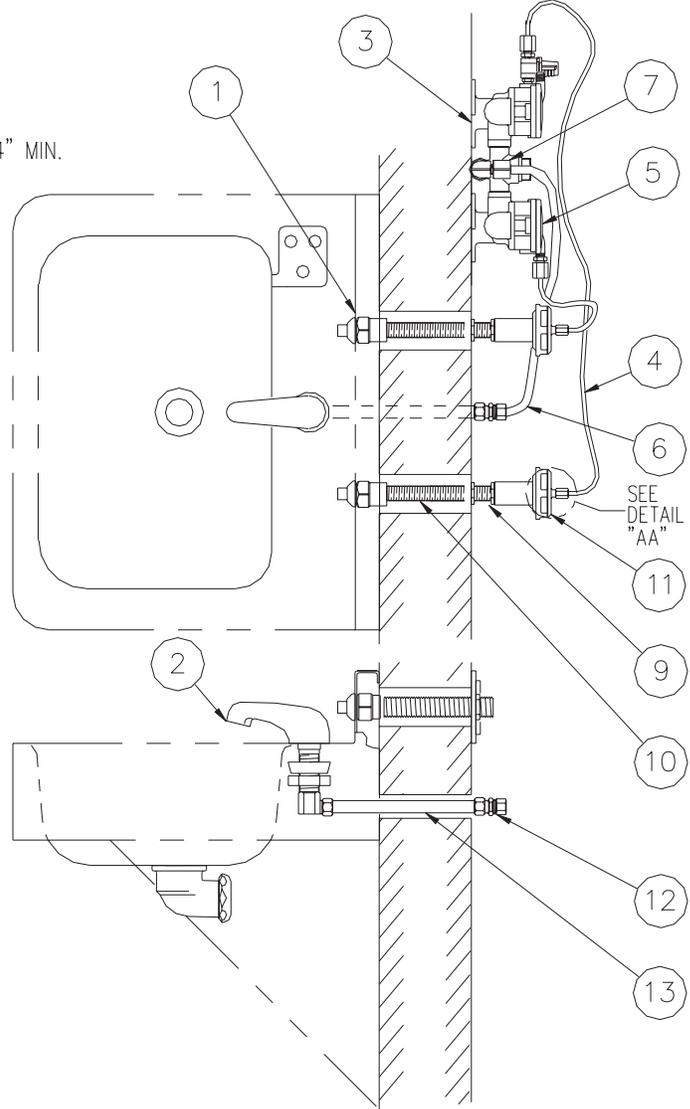
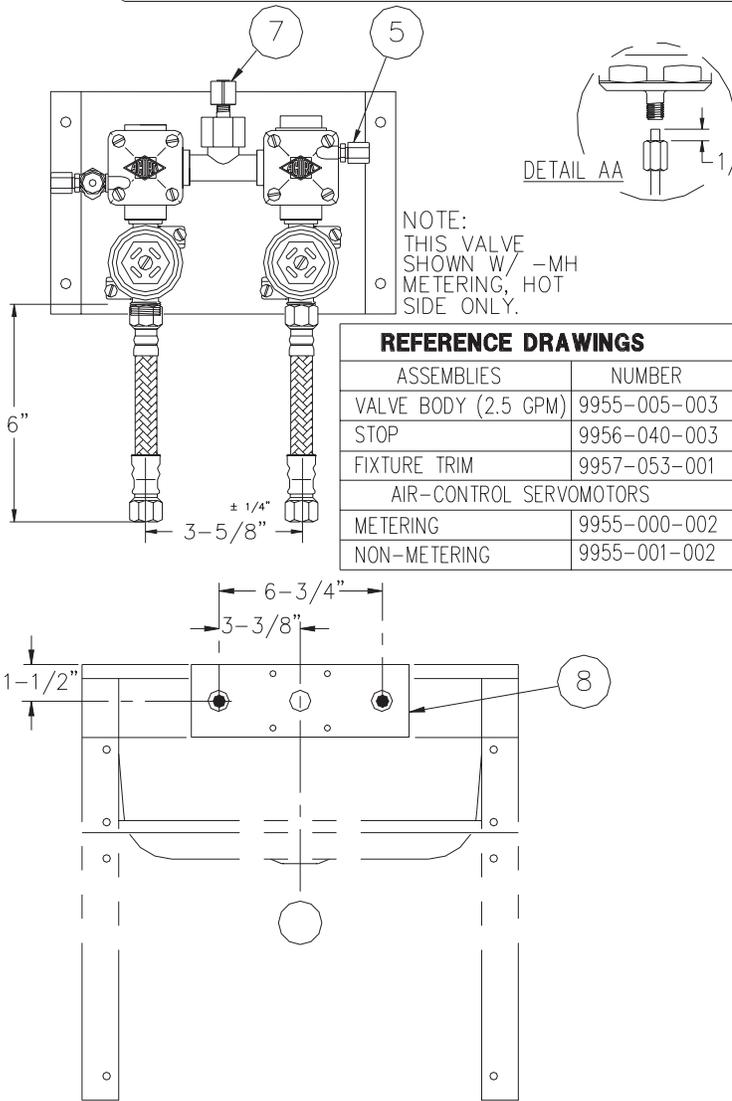
INSTALLATION INSTRUCTIONS

- 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:
- Ⓐ- OPTIONAL ANGLE BRACE, USED FOR ADDITIONAL SUPPORT IN HIGH ABUSE AREAS.

- Ⓔ- OPTIONAL ELBOW ENCLOSURE FOR USE WITH -GE CLOSE ELBOW 1-1/4".
- Ⓖ- OPTIONAL GRID STRAINER WITH CLOSE ELBOW- 1-1/4" OD COMPRESSION CONNECTION.
- Ⓖ- OPTIONAL GRID STRAINER WITH TAILPIECE- 1-1/4" OD COMPRESSION CONNECTION.
- Ⓗ- OPTIONAL TRAP ENCLOSURE FOR ADDITIONAL SECURITY ON FIXTURE.
- Ⓗ- 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	DATE REVISED	
	09/09/02	



INSTALLATION INSTRUCTIONS:

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

- 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.



TITLE REAR MOUNTED HOT & COLD AIR-CONTROL VALVE - CAT. #1950-04 & 1951-04		
MANUFACTURE DATE JAN 1994 TO PRESENT	DATE ISSUED 12-8-93	DRAWING NUMBER 9908-103-001
	DATE REVISED 02-03-99	