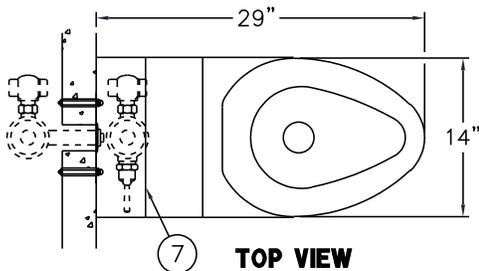
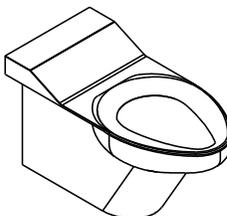




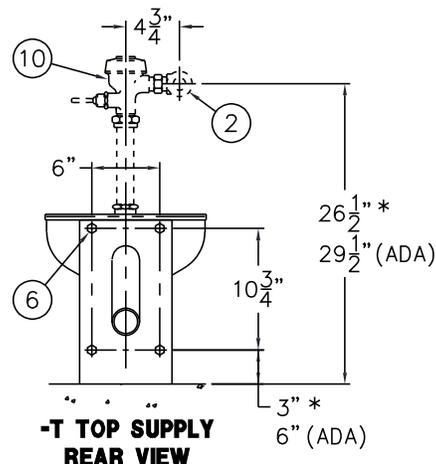
REFERENCE DRAWINGS	
-SW WALL SLEEVE	9927-526-001
-MT METAL TEMPLATE	9927-526-001



TOP VIEW

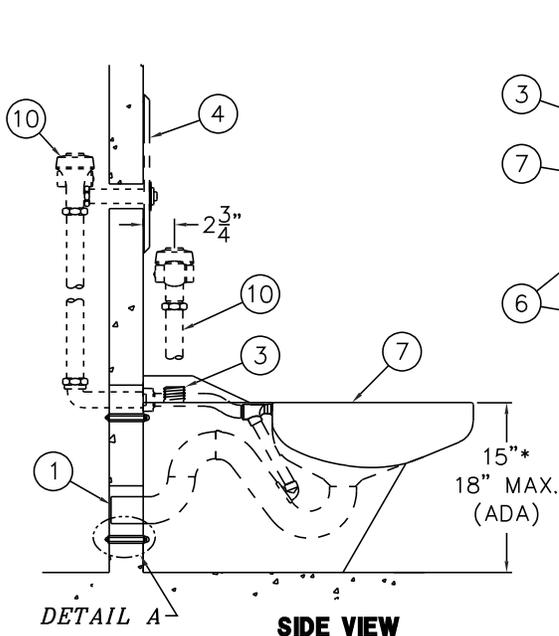


LR2141-W-RM

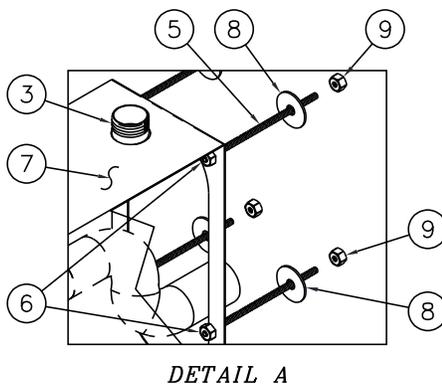


-T TOP SUPPLY REAR VIEW

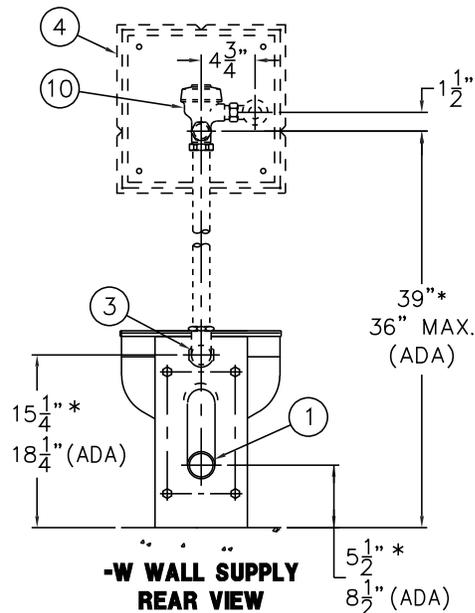
**NOTE: USE ONLY APPROPRIATE UPC/cUPC CERTIFIED FLUSH VALVE FOR THE INSTALLATION OF THIS TOILET.**



SIDE VIEW



DETAIL A



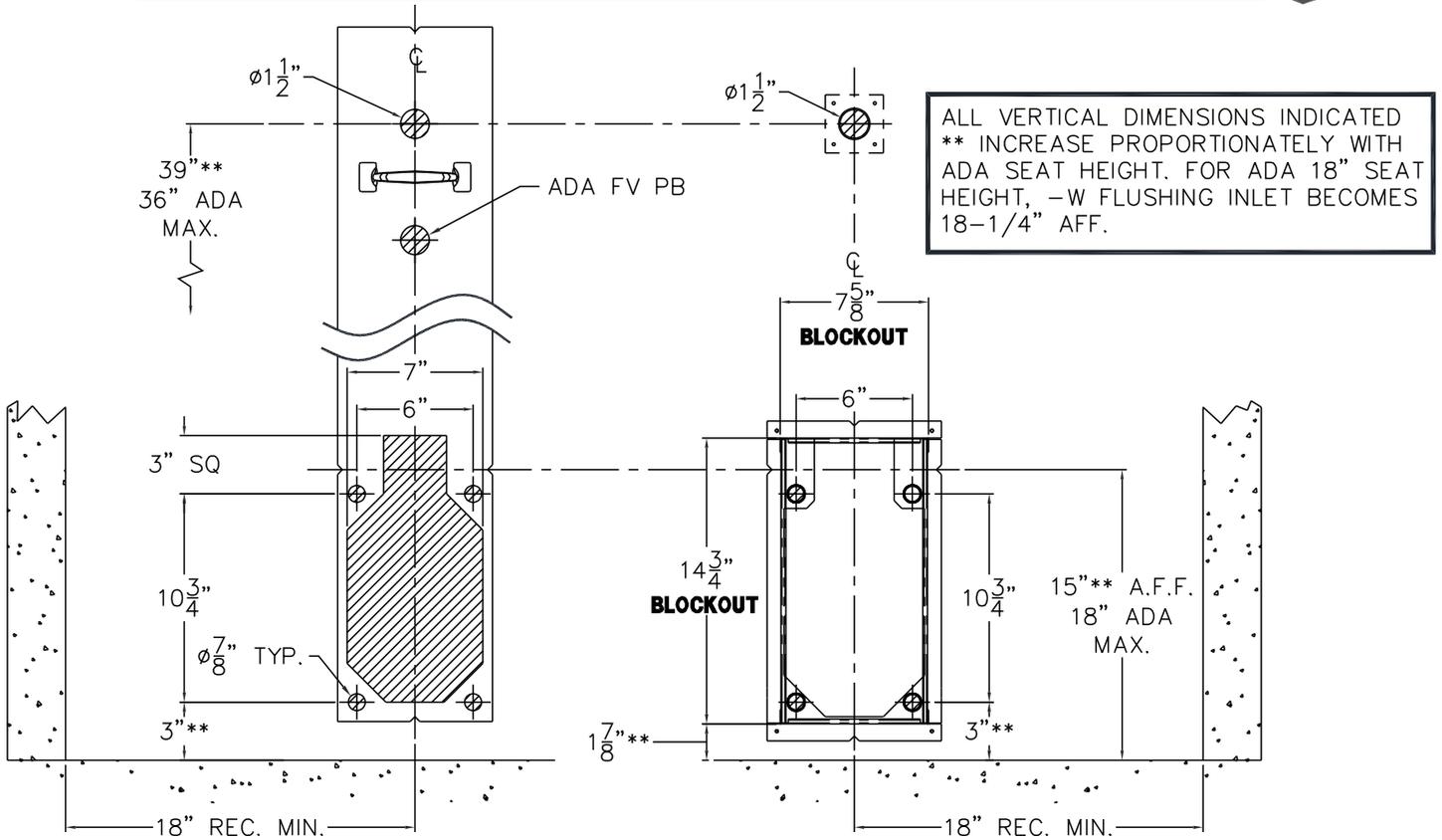
-W WALL SUPPLY REAR VIEW

**INSTALLATION INSTRUCTIONS:**

- A- ROUGH-IN FOR THE FOLLOWING:
  - 2-3/8" OD PLAIN END WASTE (1). FOR OPTIONAL -W03B, 3" OD PLAIN END.
  - FLUSH VALVE INLET 1" NPT (2).
  - FIXTURE FLUSHING INLET 1-1/2" NPT (3).
- B- FOR LR FLUSH VALVE ACCESS PANELS (4), OR LR FLUSH VALVE COVERS, CONTACT FACTORY.
- C- THREAD 1/2"-13 UNC STUDS (5) (1/2" ENGAGEMENT MINIMUM) PROVIDED ONTO MOUNTING POINTS (6) LOCATED ON THE REAR OF THE FIXTURE.
- D- ALIGN FIXTURE (7) WITH THROUGH WALL OPENINGS ON OPTIONAL -SW WALL SLEEVE OR PROVIDED BY INSTALLER AND SLIDE AGAINST THE WALL.
- E- PLACE WASHERS (8) & NUTS (9) ONTO STUDS (5) FROM CHASE SIDE AND TIGHTEN TO 60 FT. LBS.

- F- MAKE UP SUPPLY (3) & WASTE (1) CONNECTIONS.
  - G- FOR OPTIONAL -FV FLUSH VALVE: CONNECT FLUSH VALVE (10) AS REQUIRED FOR CONCEALED INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS.
- NOTE:** FOR -ADA UNITS REFER TO ADA ACCESSIBILITY GUIDELINES FOR COMPLETE INSTALLATION REQUIREMENTS. FOR UNITS WITH SUFFIX OPTION -ADA, ALL VERTICAL DIMENSIONS INDICATED \* WILL INCREASE PROPORTIONALLY WITH ADA SEAT HEIGHT. FLUSH VALVE MUST BE HYDRAULICALLY ACTUATED OR SUPPLIED WITH AN ADA HANDLE. MAX CONTROL HEIGHT IS 44" ABOVE FINISHED FLOOR. ADA CONTROLS MUST BE LOCATED ON THE WIDE SIDE OF TOILET.

ACORN ENGINEERING COMPANY P.O. BOX 3527 Industry, CA 91744 15125 Proctor Ave Industry, CA 91746 (626) 336-4561 FAX (626) 961-2200	TITLE <b>LIGATURE-RESISTANT SIPHON JET, WALL OUTLET LR2141-W/T-2-RM</b>	
	MANUFACTURE DATE <b>JULY 2017</b> <b>TO PRESENT</b>	DATE ISSUED <b>07/21/17</b> DATE REVISED <b>02/11/21</b>



ALL VERTICAL DIMENSIONS INDICATED  
 \*\* INCREASE PROPORTIONATELY WITH  
 ADA SEAT HEIGHT. FOR ADA 18" SEAT  
 HEIGHT, -W FLUSHING INLET BECOMES  
 18-1/4" AFF.

**SW WALL SLEEVE**

SLEEVES ARE INSTALLED IN FORMS USING NAIL HOLES PROVIDED OR GROUTED INTO BLOCK WALLS BECOMING A PERMANENT PART OF THE WALL.

NOTE: FOR POURED WALL CONSTRUCTION, TEMPORARY BRACING SHOULD BE INSTALLED WITHIN OPENING TO PREVENT DEFORMATION TO SLEEVE WHICH MAY OCCUR DURING POUR. DO NOT POUR CONCRETE DIRECTLY ON TOP OF WALL SLEEVE. THE PUSHBUTTON SLEEVE IS CAPPED. THIS CAP MUST BE REMOVED FROM THE CHASE SIDE OF THE WALL SLEEVE, BEFORE INSTALLING FLUSH VALVE PUSHBUTTON.

A-INSTALL SLEEVE WITH FLANGE ON CHASE SIDE OF WALL.

B-SIDE NOTCHES INDICATE INTEGRAL TOILET SEAT HEIGHT LOCATED 15" AFF ABOVE FINISHED FLOOR ON FIXTURE SIDE.

C-VERTICAL OR TOP & BOTTOM NOTCHES INDICATE CENTERLINE OF SLEEVE AND FIXTURE TOILET HOUSING

D-USE BLOCKOUT DIMENSIONS SHOWN WHEN SLEEVES ARE NOT AVAILABLE.

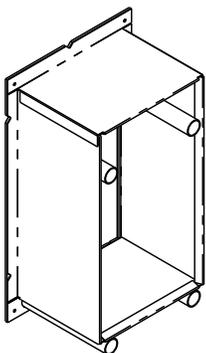
**MT METAL TEMPLATES**

METAL TEMPLATES ARE USED TO LAYOUT REQUIRED WALL OPENINGS FOR SUBSEQUENT FLAME CUTTING OR CORE DRILLING.

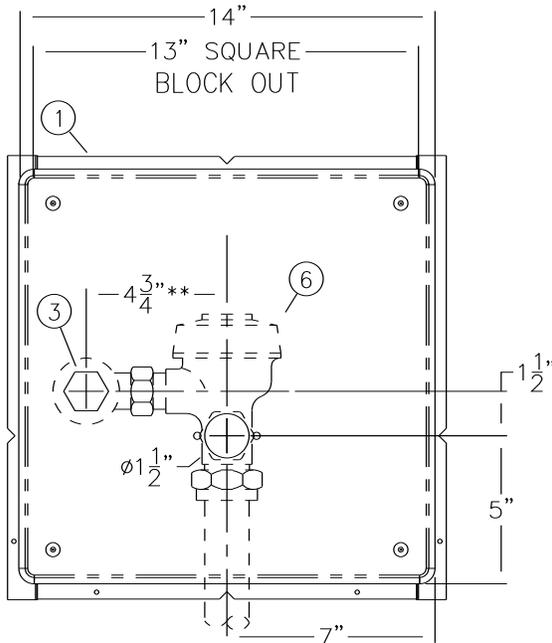
A-MEASURE FROM FINISHED FLOOR ON FIXTURE SIDE, AND STRIKE A HORIZONTAL CHALK LINE ON THE WALL AT 15" AFF ABOVE FINISHED FLOOR. THIS WILL INDICATE TOILET SEAT HEIGHT.

B-STRIKE A VERTICAL CHALK LINE AT DIMENSIONS SHOWN FOR VERTICAL OR TOP AND BOTTOM NOTCHES, INDICATING CENTERLINE OF SLEEVE AND FIXTURE HOUSING.

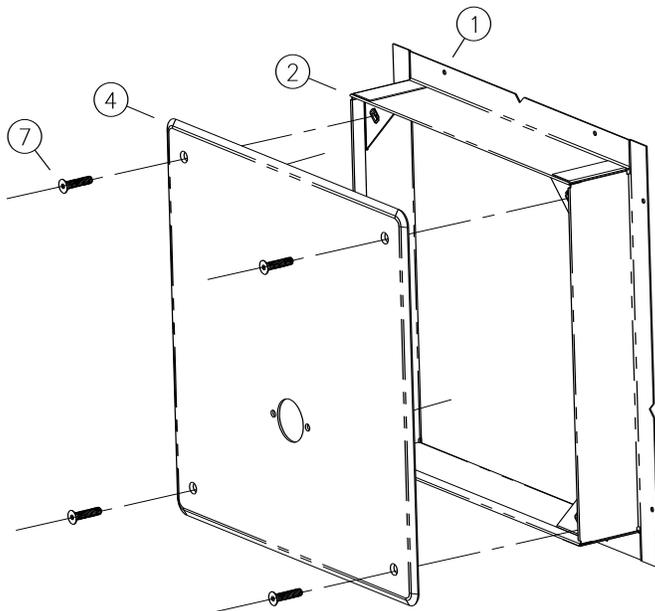
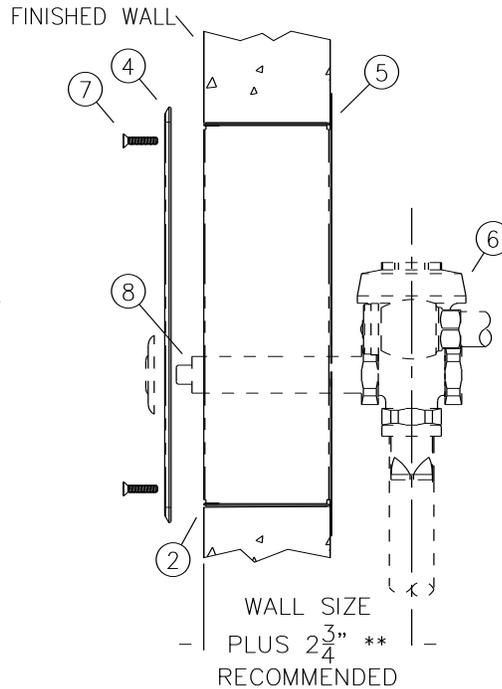
C-PLACE TEMPLATE AGAINST WALL ALIGNING VERTICAL AND HORIZONTAL NOTCHES AND MARK REQUIRED WALL OPENINGS.



 ACORN ENGINEERING COMPANY P.O. BOX 3527 Industry, CA 91744 15125 Proctor Ave Industry, CA 91746 (626) 336-4561 FAX (626) 961-2200	TITLE <b>-SW &amp; -MT METAL TEMPLATE (LR2140 &amp; LR2141-W-2/3-RM-VAC)</b>		
	MANUFACTURE DATE <b>AUGUST 2017                  TO PRESENT</b>	DATE ISSUED <b>08/16/17</b>	DRAWING NUMBER <b>9927-528-001</b>
	DATE REVISED		



**2898 LESS ESCUTCHEON**



**ROUGH-IN:**

SLEEVES ARE INSTALLED IN FORMS (USING NAIL HOLES (1) PROVIDED) OR GROUTED INTO BLOCK WALLS, OF BECOMING A PERMANENT PART OF THE WALL. FRONT EDGE FRAME (2) SHOULD BE FLUSH WITH FINISHED WALL.

A- MAKE UP FLUSH VALVE SUPPLY CONNECTION FOR VALVE INLET (3). REFER TO FIXTURE INSTALLATION SHEETS FOR SIZE FLUSH VALVE INLET.

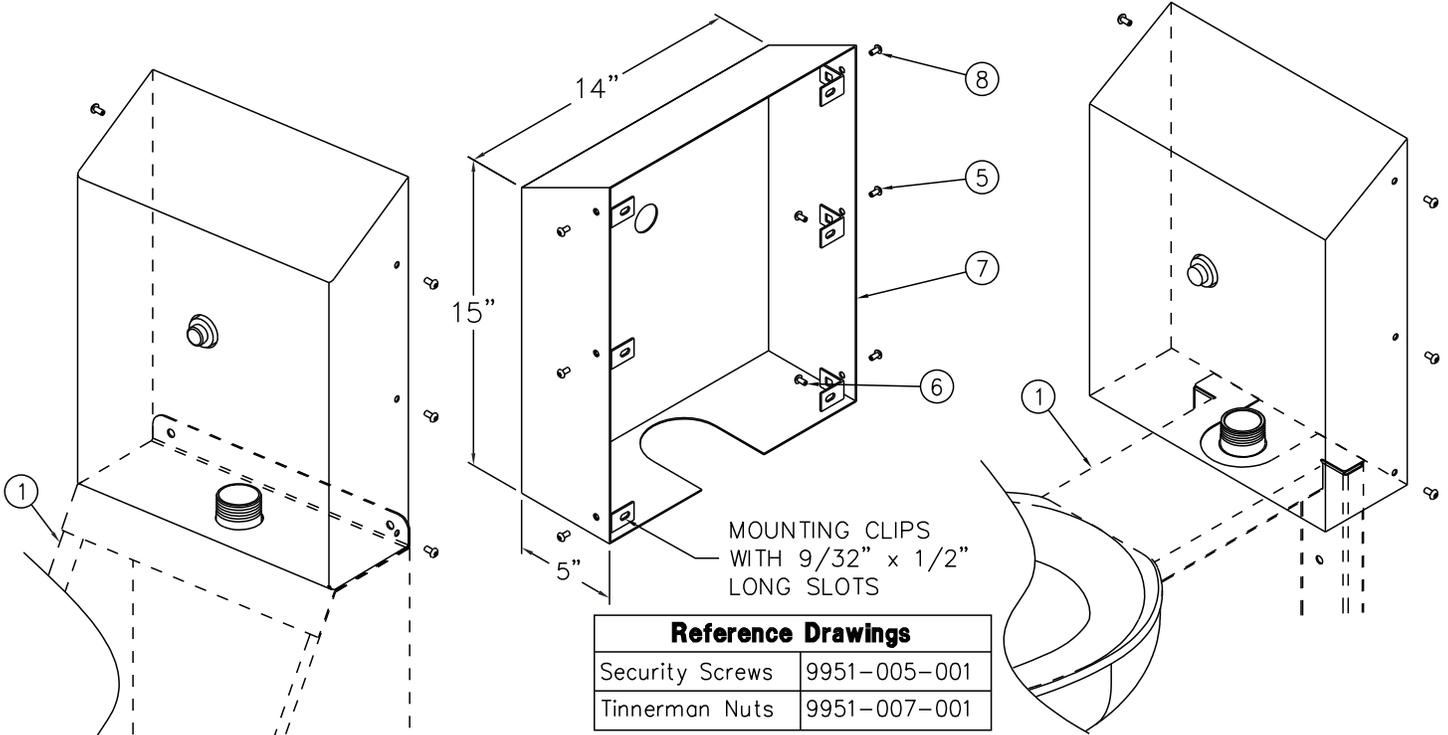
**INSTALLATION INSTRUCTIONS:**

- B- REMOVE STAINLESS STEEL PANEL (4).
- C- INSTALL SLEEVE FRAME WITH (5) FLANGE ON PIPE CHASE SIDE OF WALL.
- D- INSTALL FLUSH VALVE (6) PER MANUFACTURE'S INSTALLATION SHEETS.
- E- ATTACH (4) PANEL TO (2) FRAME WITH (4) 1/4"-20 x 1" (7) TAMPER-RESISTANT STAINLESS STEEL SCREWS PROVIDED. REFERENCE DRAWING NO. 9951-005-001
- F- COMPLETE INSTALLATION USING APPROPRIATE (8) PUSHBUTTON ASSEMBLY PER MANUFACTURERS INSTALLATION PROCEDURES.

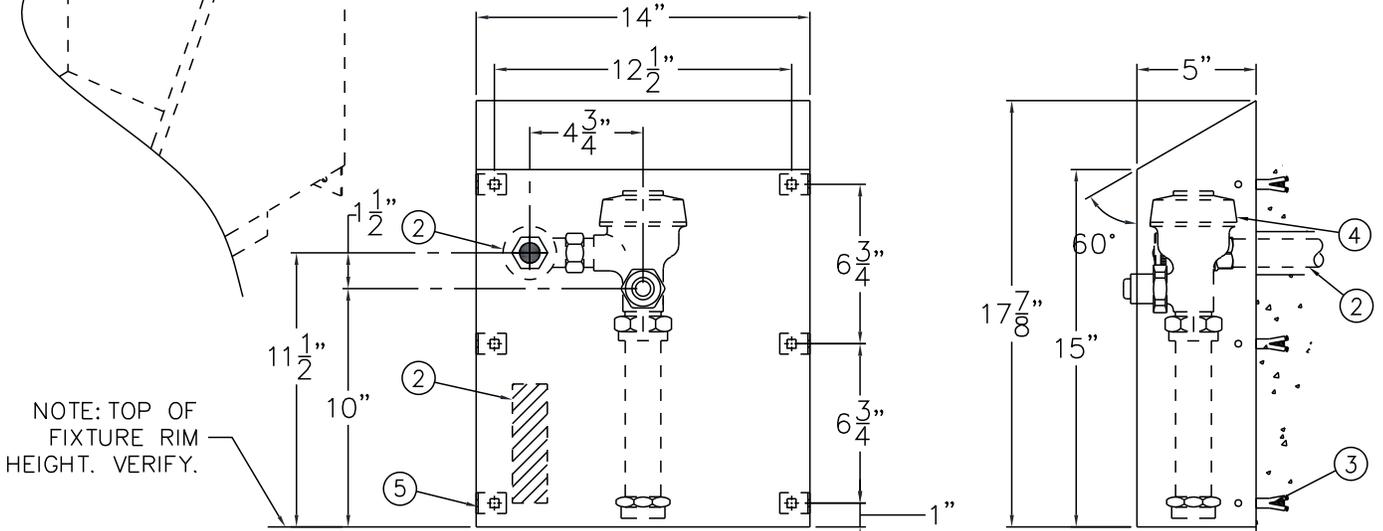
**\*\* NOTE:**

FLUSH VALVE BY OTHERS SHOWN FOR REFERENCE ONLY. COMPLETE WITH INSTALLER PROVIDED FLUSH VALVE AND APPROPRIATE PUSHBUTTON ASSEMBLY AS REQUIRED FOLLOWING RECOMMENDED MANUFACTURERS INSTALLATION PROCEDURES. ALL CONNECTION PIPING OR ADAPTERS ARE BY OTHERS.

<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 <b>FLUSH VALVE ACCESS PANEL MODEL 2898</b></p>		
	<p>MANUFACTURE DATE <b>JANUARY 1973</b> <b>TO PRESENT</b></p>	<p>DATE ISSUED <b>06/01/90</b></p> <p>DATE REVISED <b>10/29/12</b></p>	<p>DRAWING NUMBER <b>9908-399-001</b></p>



Reference Drawings	
Security Screws	9951-005-001
Tinnerman Nuts	9951-007-001



Front View of -FVC-SLPT

Side View of -FVC-SLPT

**INSTALLATION INSTRUCTIONS:**

- A- MOUNT FIXTURE (1) TO WALL.
- B- ROUGH-IN FOR FLUSH VALVE SUPPLY (2) 1" NPT. LOCATION OF SUPPLY MAY BE BELOW FV INLET SHOWN WITH VERTICAL ORIENTATION OF FV INLET STOP.
- C- LOCATE AND INSTALL WALL ANCHORS (BY OTHERS) (3).
- D- INSTALL FLUSH VALVE (4) TO FIXTURE (1).

- E- ATTACH MOUNTING CLIPS (5) TO WALL USING MOUNTING SCREWS (6) (BY OTHERS).
- F- ATTACH FLUSH VALVE COVER (7) TO MOUNTING CLIPS (5) USING #10-32 SCREWS (8) PROVIDED.

NOTE: FIXTURES SHOWN FOR REFERENCE ONLY.

ACORN ENGINEERING COMPANY P.O. BOX 3527 Industry, CA 91744 15125 Proctor Ave Industry, CA 91746 (626) 336-4561 FAX (626) 961-2200	TITLE <b>-FVC-SLPT FLUSH VALVE COVER WITH SLOPING TOP #2802</b>		
	MANUFACTURE DATE <b>FEBRUARY 1975</b> <b>TO PRESENT</b>	DATE ISSUED <b>03/07/11</b>	DRAWING NUMBER <b>9908-397-001</b>
		DATE REVISED <b>10/13/21 F</b>	