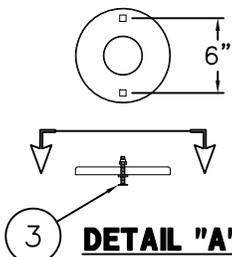


**TOP VIEW**

REFERENCE DRAWINGS		
-SW WALL SLEEVE /	-W WALL SUPPLY	9925-234-001
-MT METAL TEMPLATE	-T TOP SUPPLY	9925-235-001
MOUNTING HARDWARE		9957-900-001

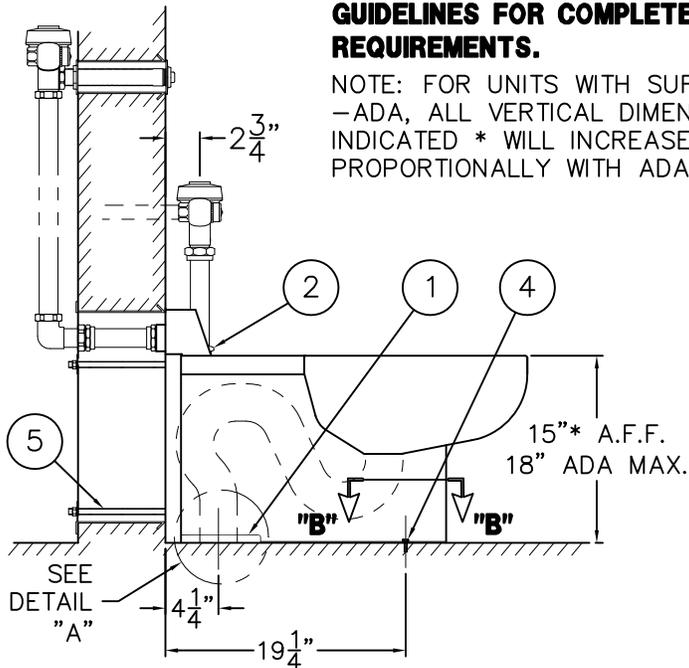


**DETAIL "A"**

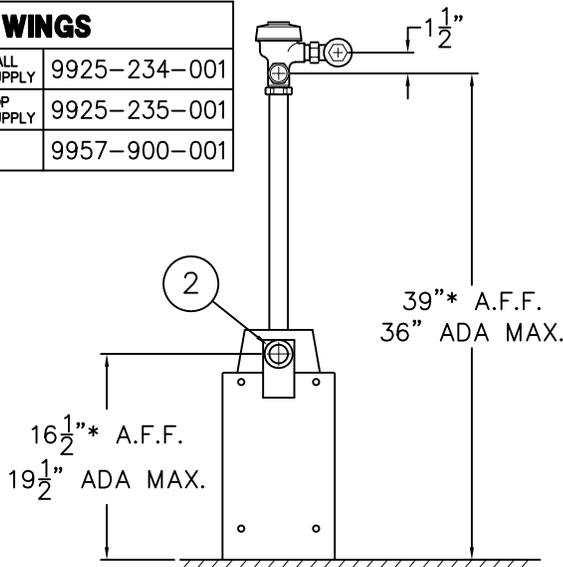
**FOR -ADA MODELS** -FLUSH VALVE MUST BE HYDRAULICALLY ACTUATED OR SUPPLIED WITH A SPECIAL HANDLE. MAX. CONTROL HEIGHT IS 36" ABOVE FINISHED FLOOR. CONTROLS MUST BE LOCATED ON OPEN SIDE OF TOILET.

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

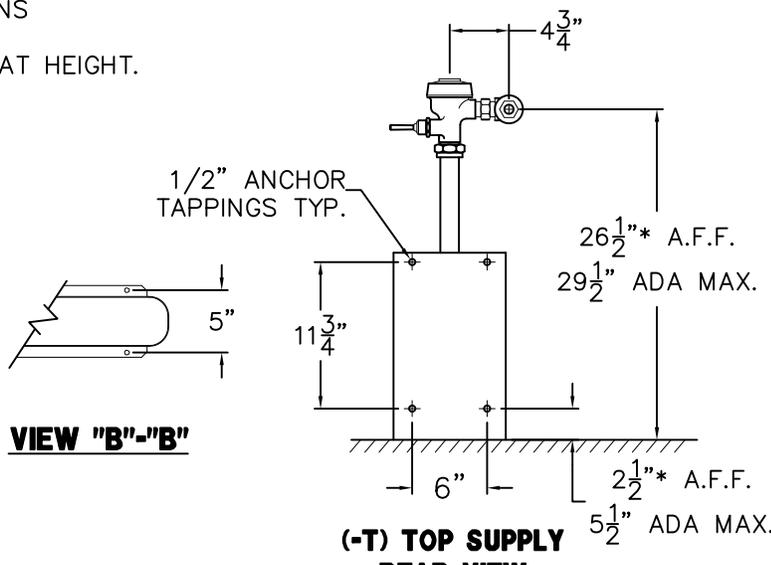
NOTE: FOR UNITS WITH SUFFIX OPTION -ADA, ALL VERTICAL DIMENSIONS INDICATED \* WILL INCREASE PROPORTIONALLY WITH ADA SEAT HEIGHT.



**SIDE VIEW**



**(-W) WALL SUPPLY REAR VIEW**



**(-T) TOP SUPPLY REAR VIEW**

**VIEW "B"- "B"**

**INSTALLATION INSTRUCTIONS:**

- A- SEE REFERENCE DRAWING BOX FOR WALL SLEEVE INSTALLATION INSTRUCTIONS (SUFFIX OPTION -SW).
- B- ROUGH-IN PLUMBING FOR THE FOLLOWING CONNECTIONS:
  - 7-1/2" GASKET WASTE (1).
  - FLUSHING INLET CONNECTION 1-1/2" NPT (2).
- C- PLACE TOILET UP AGAINST CELL WALL AND OVER WASTE OUTLET ROUGH-IN. ATTACH FIXTURE TO THE FLOOR AT GASKET FLANGE WITH CLOSET-BOLTS (3) (BY OTHERS). SEE DETAIL "A".

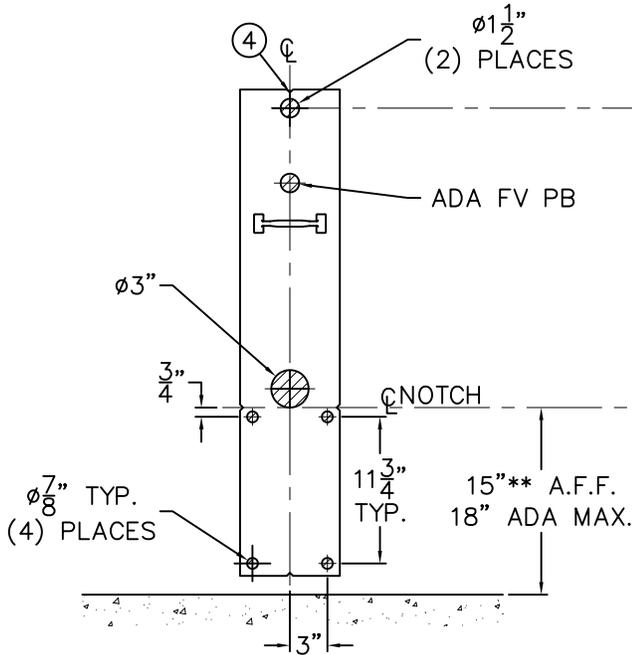
- D- SECURE FIXTURE AT TOILET MOUNTING FLANGE WITH 1/4"-20 x 1" LONG FASTENERS (4) PROVIDED. SEE VIEW "B"- "B". FLOOR ANCHORS BY OTHERS.
- E- FROM CHASE SIDE, INSTALL 1/2"-13 ALL THREAD STUDS (5). WASHERS AND NUTS THRU WALL SLEEVE OPENINGS AND ONTO TAPPINGS AT REAR OF FIXTURE. TIGHTEN TO 60FT/LBS. STUDS MUST HAVE A MINIMUM 1/2" ENGAGEMENT.
- F- FLUSH SUPPLY LINE. MAKE-UP WASTE CONNECTION AND MOUNT FLUSH VALVE PER MANUFACTURERS' RECOMMENDATIONS.

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>SIPHON JET TOILET-FLOOR OUTLET CAT.(#1695) (#1695-ADA)</b>	
	MANUFACTURE DATE <b>DEC 1974</b> <b>TO PRESENT</b>	DATE ISSUED <b>09/01/90</b> DATE REVISED <b>04/04/13</b>

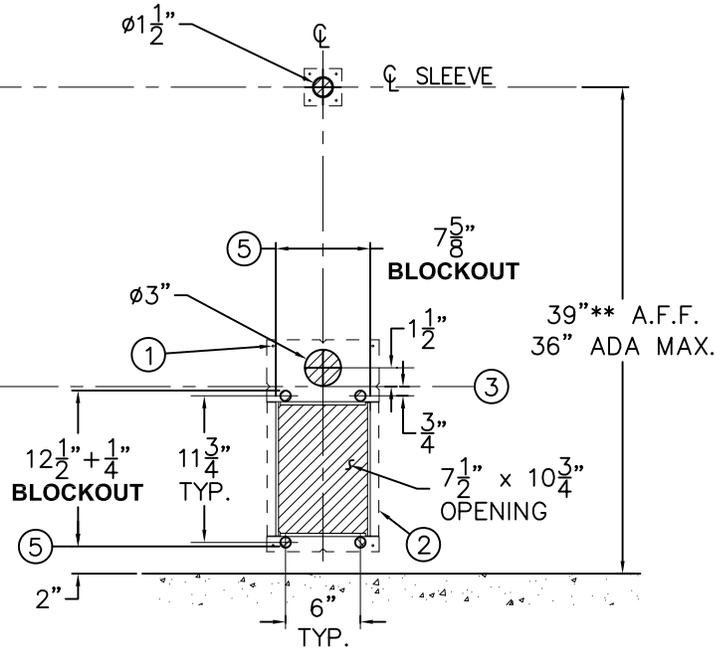


ALL VERTICAL DIMENSIONS INDICATED  
 \*\* INCREASE PROPORTIONATELY WITH  
 ADA SEAT HEIGHT.

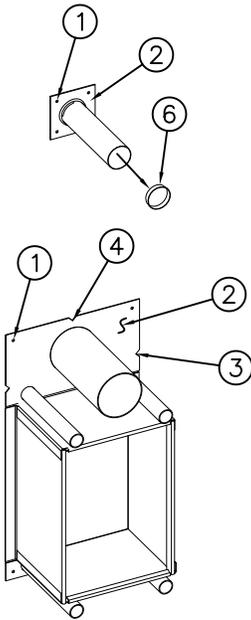
**BOTH VIEWS ARE FROM CELL SIDE**  
 SHADED AREAS ARE REQUIRED WALL OPENINGS



**METAL TEMPLATE (-MT)**



**WALL SLEEVE (-SW)**



**-SW WALL SLEEVES INSTALLATION INSTRUCTIONS:**

SLEEVES ARE INSTALLED IN FORMS USING NAIL HOLES (1) 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 (6) MUST BE REMOVED FROM THE CHASE SIDE OF THE WALL BEFORE INSTALLING FLUSH VALVE PUSHBUTTON.

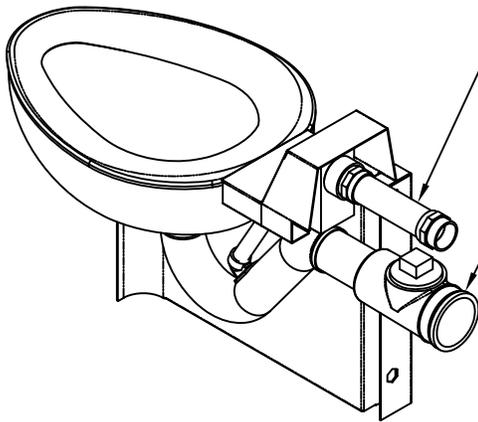
- A- INSTALL SLEEVE WITH FLANGE (2) ON CHASE SIDE OF WALL.
- B- SIDE NOTCHES (3) INDICATE INTEGRAL SEAT HEIGHT LOCATED 15" ABOVE FINISHED FLOOR ON CELL SIDE.
- C- VERTICAL OR TOP AND BOTTOM (4) NOTCHES INDICATE VERTICAL CENTERLINE OF SLEEVE OR TOILET FIXTURE.
- D- USE BLOCK OUT DIMENSIONS (5) SHOWN WHEN SLEEVES ARE NOT AVAILABLE.

**-MT METAL TEMPLATES INSTALLATION INSTRUCTIONS:**

METAL TEMPLATES ARE USED TO LAYOUT REQUIRED WALL OPENINGS FOR SUBSEQUENT CORE DRILLING OR FLAME CUTTING.  
 A- MEASURE FROM THE FINISHED FLOOR ON CELL SIDE AND STRIKE A HORIZONTAL CHALK LINE ON THE WALL AT DIMENSIONS SHOWN TO INDICATE INTEGRAL SEAT HEIGHT (3).  
 B- STRIKE A VERTICAL CHALK LINE AT DIMENSIONS SHOWN TO INDICATE VERTICAL CENTERLINE (4) OF SLEEVE OR FIXTURE.  
 C- PLACE TEMPLATE AGAINST WALL ALIGNING VERTICAL AND HORIZONTAL NOTCHES WITH CHALK LINES AND MARK REQUIRED WALL OPENINGS.

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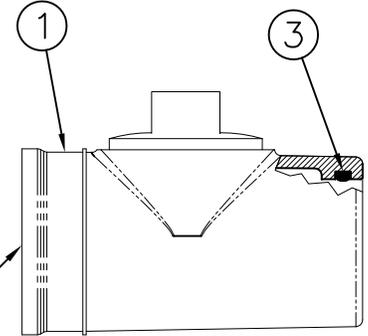
TITLE <b>SLEEVES AND TEMPLATES (CAT. #1695-W)</b>		
MANUFACTURE DATE <b>FEB 1975</b>	DATE ISSUED <b>03-01-90</b>	DRAWING NUMBER <b>9925-234-001</b>
<b>TO PRESENT</b>	DATE REVISED <b>04/06/13</b>	



Optional -FVT Flush Valve Thru Wall Connection. Shown For Reference.

Optional -CO1 Waste Fitting. Shown For Reference.

REFERENCE DRAWING	
WASTE CONNECTION WITH CLEANOUT -CO1	9985-125-002

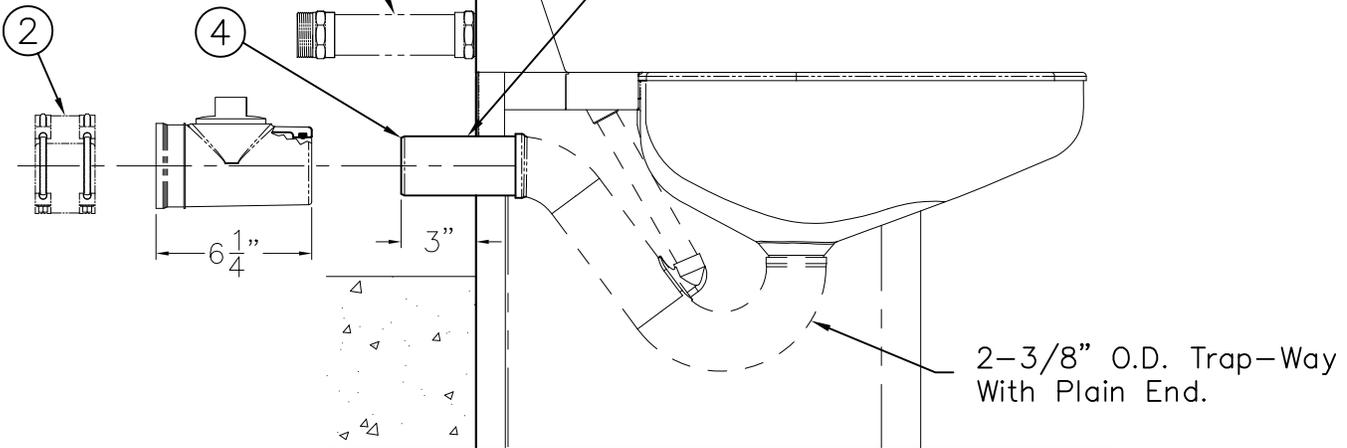


NOTE: Optional -CO1 Waste Fitting Available With 3" or 4" No-Hub

*Scaled: X 2*

Optional -FVT Flush Valve Thru Wall Connection Shown For Reference

Plain End Extends 3" Beyond Back Of Fixture. Optional Extended Waste Is Available -TWE



**MODEL #1685 SHOWN FOR REFERENCE**

**INSTALLATION INSTRUCTIONS**

A-INSERT O-RING ③ INTO GROOVE OF WASTE FITTING ①. LUBRICATE THE O-RING ③ WITH O-RING LUBRICANT.

B-INSTALL WASTE FITTING ① TO FIXTURE P-TRAP WASTE EXTENSION ④. ENGAGEMENT IS APPROXIMATELY 1-1/4". NOTE: TOILET WASTE

EXTENSION ④ IS 3" BEYOND BACK OF FIXTURE. LONGER WASTE EXTENSION IS AVAILABLE.

C-MAKE UP WASTE FITTING CONNECTION TO WASTE PIPING USING NO-HUB (BAND) CONNECTOR ② BY OTHERS.

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TITLE **NO-HUB WASTE CONNECTION WITH CLEANOUT -CO1**

MANUFACTURE DATE

**JULY 1975**  
**PRESENT**

DATE ISSUED

**1/29/96**

DATE REVISED

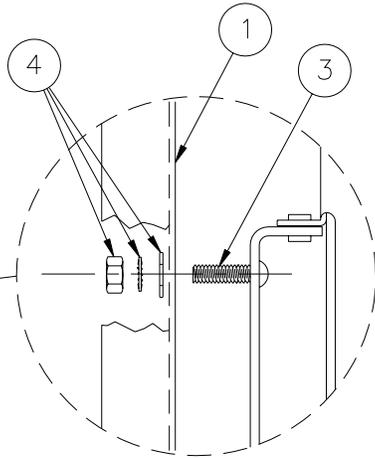
**11/08/13 D**

DRAWING NUMBER

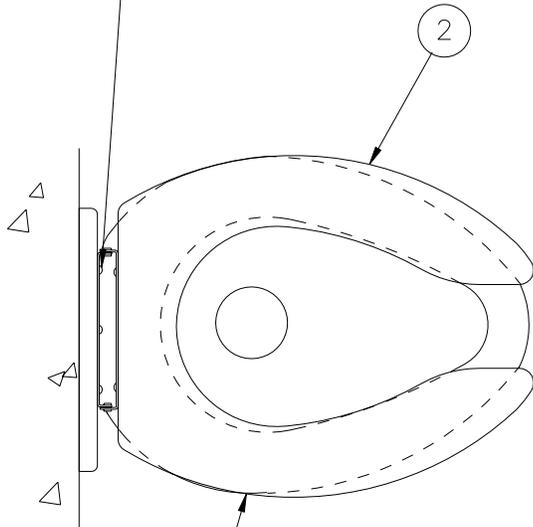
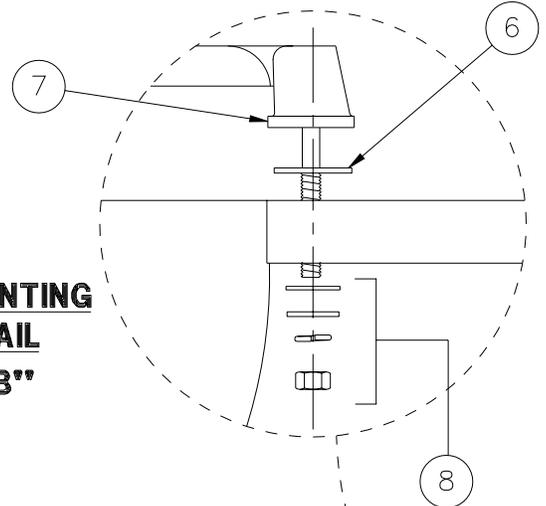
**9925-054-001**



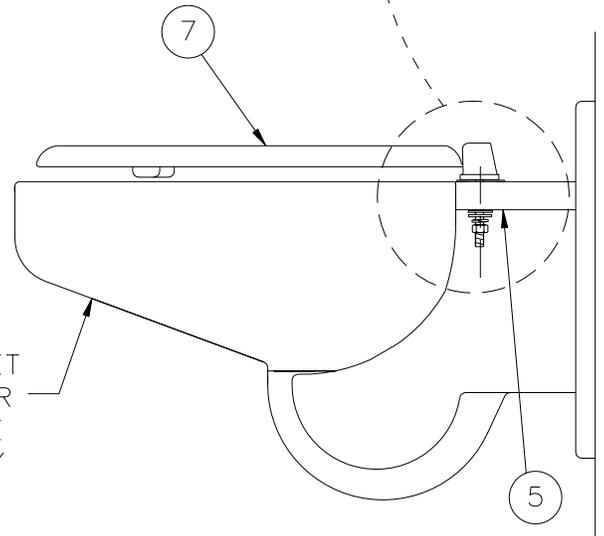
**MOUNTING  
DETAIL  
"A-A"**



**MOUNTING  
DETAIL  
"B-B"**



1679 TOILET  
SHOWN FOR  
REFERENCE  
ONLY



1675 TOILET  
SHOWN FOR  
REFERENCE  
ONLY

**INSTALLATION INSTRUCTIONS-COMBY AND 1679 TOILET  
PRIOR TO MOUNTING FIXTURE ON WALL:**

- A- LOCATE HINGED SEAT MOUNTING HOLES ON FIXTURE ①.
- B- POSITION HINGED SEAT ② AGAINST UNIT ① BY INSERTING SCREWS ③ INTO MOUNTING HOLES.
- C- ASSEMBLE NUT, WASHER AND LOCK-WASHER ④ AS SHOWN IN MOUNTING DETAIL "A-A".

**INSTALLATION INSTRUCTIONS-TOILETS  
PRIOR TO MOUNTING FIXTURE ON WALL:**

- A- LOCATE HINGED SEAT MOUNTING HOLES IN FIXTURE ⑤.
- B- INSERT WASHERS ⑥ BETWEEN TOP OF TOILET AND HINGE SEAT ⑦.
- C- POSITION HINGED SEAT ⑦ ON TOP OF UNIT.
- D- ASSEMBLE HARDWARE ⑧ AS SHOWN IN MOUNTING DETAIL "B-B"



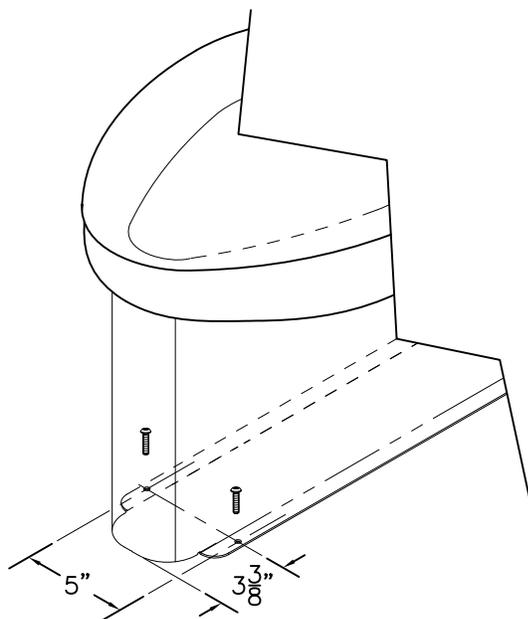
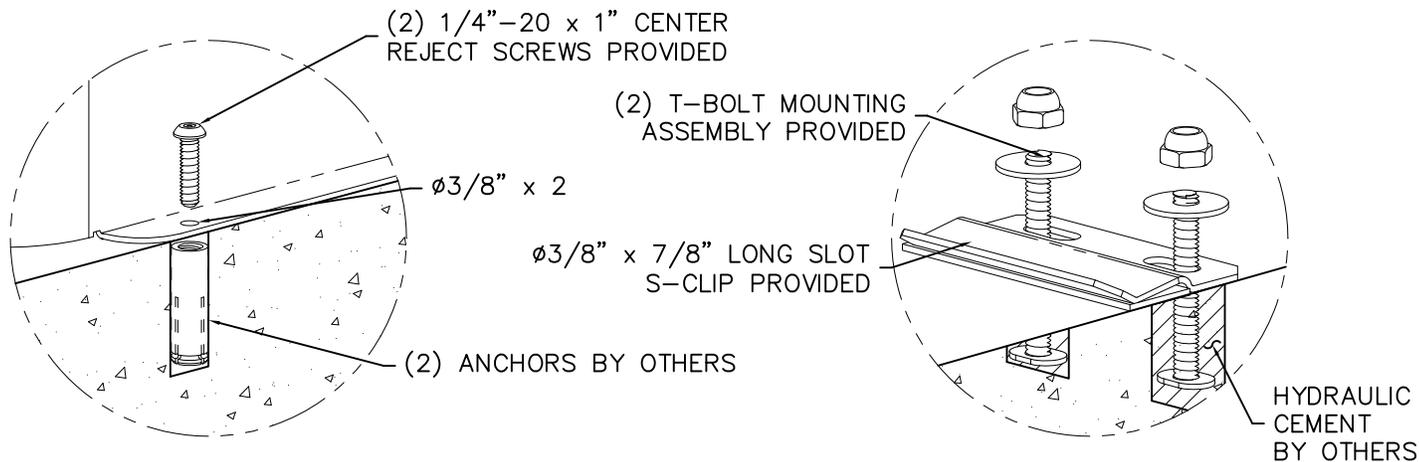
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TITLE **-HS HINGED SEAT OPTION INSTALLATION DETAIL - COMBYS AND TOILETS**

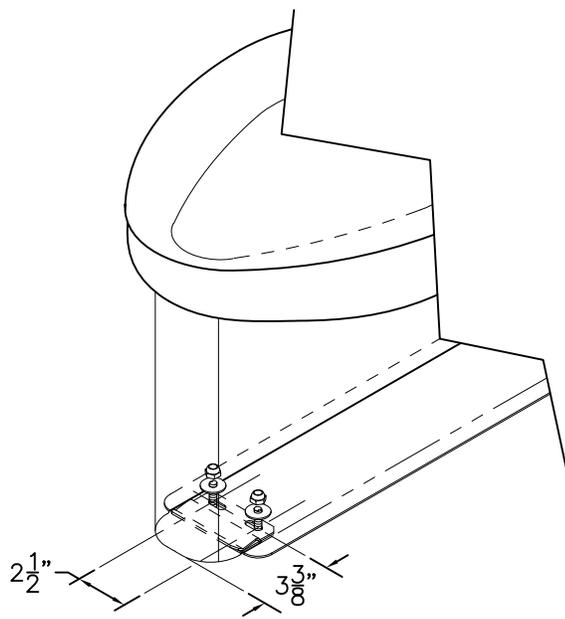
MANUFACTURE DATE  
**FEBRUARY 1999**  
**TO PRESENT**

DATE ISSUED  
**02/22/99**  
DATE REVISED  
**03/26/01**

DRAWING NUMBER  
**9925-048-001**



**FLANGE MOUNTING**



**S-CLIP MOUNTING**

-SS-SPS SUICIDE RESISTANT SKIRT OPTION IS PROVIDED WITH ADDITIONAL MOUNTING POINTS NOT NORMALLY PROVIDED WITH OUR STANDARD FIXTURES AND COME IN TWO STYLES AS INDICATED BELOW.

**FIXTURES w/ FLANGE MOUNTING:**

- A-AFTER ROUGHING IN AS REQUIRED, PLACE FIXTURE IN POSITION AND USE AS TEMPLATE TO LOCATE AND MARK FLANGE POINTS ON FLOOR.
- B-REMOVE FIXTURE AND INSTALL FLOOR ANCHORS BY OTHERS FOR 3/8" DIAMETER FLANGE PUNCHING.
- C-ALIGN WALL AND FLOOR ANCHORING POINTS AND COMPLETE FIXTURE INSTALLATION AS INDICATED BY THE FIXTURE INSTALLATION SHEET PROVIDED.

**FIXTURES w/ S-CLIP:**

- A-AFTER ROUGHING IN AS REQUIRED, PLACE FIXTURE IN POSITION AND USE AS A TEMPLATE TO LOCATE AND MARK S-CLIP MOUNTING LOCATION ON FLOOR AS INDICATED.
- B-REMOVE FIXTURE, INSTALL T-BOLTS FOR S-CLIP 3/8" x 7/8" LONG MOUNTING SLOTS AND SECURE WITH HYDRAULIC CEMENT (BY OTHERS)
- C-INSTALL S-CLIP
- D-PLACE FIXTURE ON FLOOR POSITIONING THE "NOSE" OF THE SKIRT SEVERAL INCHES IN FRONT OF S-CLIP MOUNTING LOCATION, SLIDE FIXTURE INTO PLACE ENGAGING THE S-CLIP AND ALIGNING WALL MOUNTING LOCATIONS. COMPLETE FIXTURE INSTALLATION AS INDICATED BY THE FIXTURE INSTALLATION SHEET PROVIDED.



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TITLE **-SPS MOUNTING DETAIL**

MANUFACTURE DATE  
**AUGUST 2012**  
**TO PRESENT**

DATE ISSUED  
**08/15/12**  
DATE REVISED  
**11/05/13 A**

DRAWING NUMBER  
**9925-007-001**