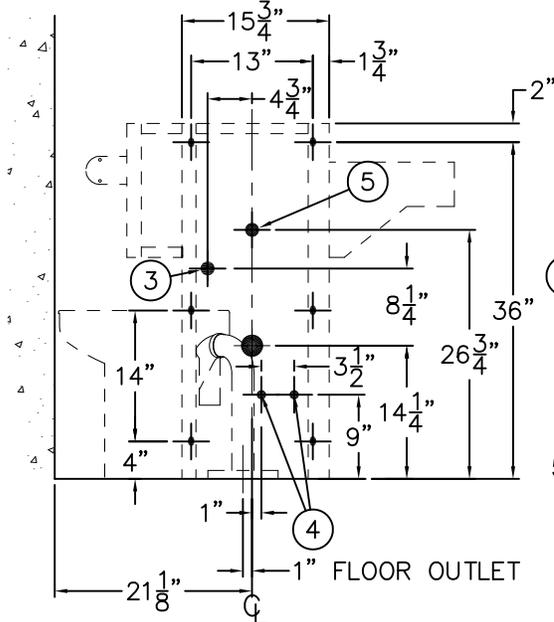




REFERENCE DRAWINGS	
ITEM	INSTALLATION
AIR CONTROL (HOT & COLD)	9905-000-003
AIR CONTROL (SINGLE TEMP)	9905-001-003
WALL SLEEVE	9925-087-001



**ROUGH-IN VIEW SHOWN FROM FIXTURE/CELL SIDE**

-AL ANGLED LEFT ROUGH-INS SHOWN  
-AR ANGLED RIGHT MODEL OPPOSITE

**IMPORTANT:** SOME OPTIONS MAY SLIGHTLY ALTER INSTALLATION PROCEDURES. READ ALL SUPPLEMENTAL DRAWINGS BEFORE INSTALLATION OF FIXTURE. ALL FASTENERS, PLATES, AND NUTS ARE ESSENTIAL IN PROPERLY ANCHORING THE FIXTURE. ACORN CANNOT ASSUME RESPONSIBILITY FOR UNITS IMPROPERLY INSTALLED.

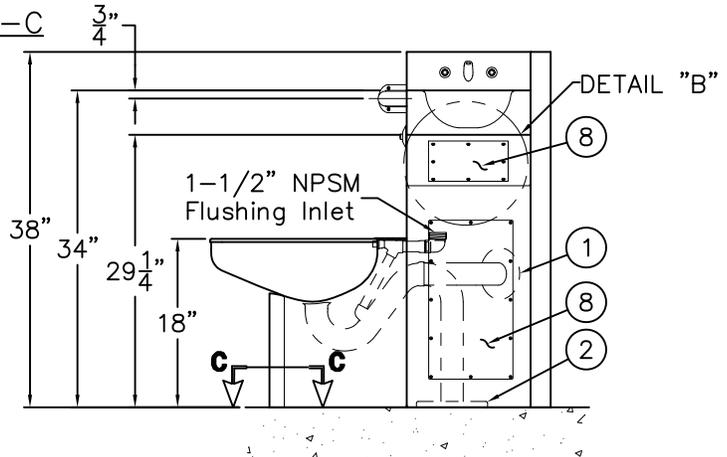
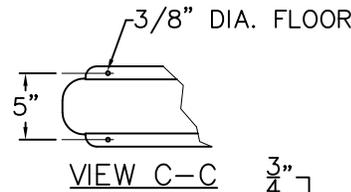
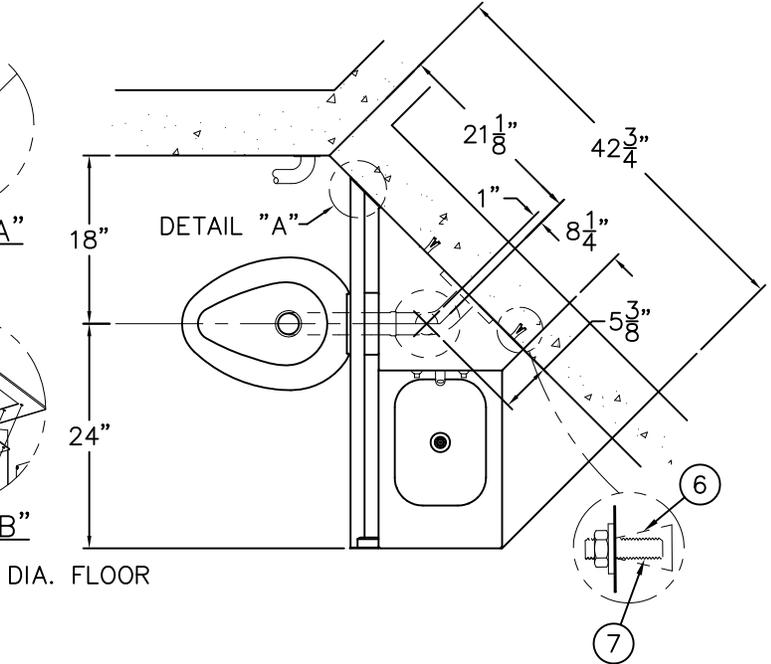
**INSTALLATION INSTRUCTIONS:**

A- ROUGH-IN PLUMBING FOR THE FOLLOWING CONNECTIONS:

- TOILET WALL WASTE OUTLET (1): 5-1/2" DIAMETER RECESSED GASKET FLANGE.
- TOILET FLOOR WASTE OUTLET (2): 7-1/2" DIAMETER RECESSED GASKET FLANGE.
- FLUSH VALVE INLET CONNECTION 1" NPT MALE (3).
- VALVE INLET(S) (4): 1/2" NPS HOSE END.
- LAVY WASTE: 1-1/2" OD (5) PLAIN END.

B- INSTALL WALL ANCHORS (6) BY OTHERS AND THREAD 1/2"-13 UNC STUDS (7) PROVIDED THRU MOUNTING SLOTS. FOR UNITS WITH OPTIONAL -SW WALL SLEEVE SECURE STUDS TO SLEEVE ANCHOR TAPINGS.

D- BEFORE FASTENING FIXTURE TO WALL, FLOOR OUTLET TYPE FIXTURE MUST BE SET IN PLACE ON WASTE CONNECTION.



- D- INSTALL HYDRAULIC FLUSH VALVE AND PUSHBUTTON (SHIPPED LOOSE) TO CABINET.
- E- REMOVE ACCESS PANELS (8), POSITION FIXTURE INTO PLACE AND SECURE TO WALL USING STUDS, WASHERS AND NUTS PROVIDED. TORQUE NUTS TO 60 FT-LBS. MAKE UP SUPPLY AND WASTE CONNECTIONS AS REQUIRED. LAVY WASTE OUTLET 1-1/2" OD PLAIN END IS SUITABLE FOR COMPRESSION CONNECTION.
- F- SECURE GRAB BAR (9) TO WALL USING WALL ANCHORS BY OTHERS (6) AND ANCHORING HARDWARE PROVIDED.

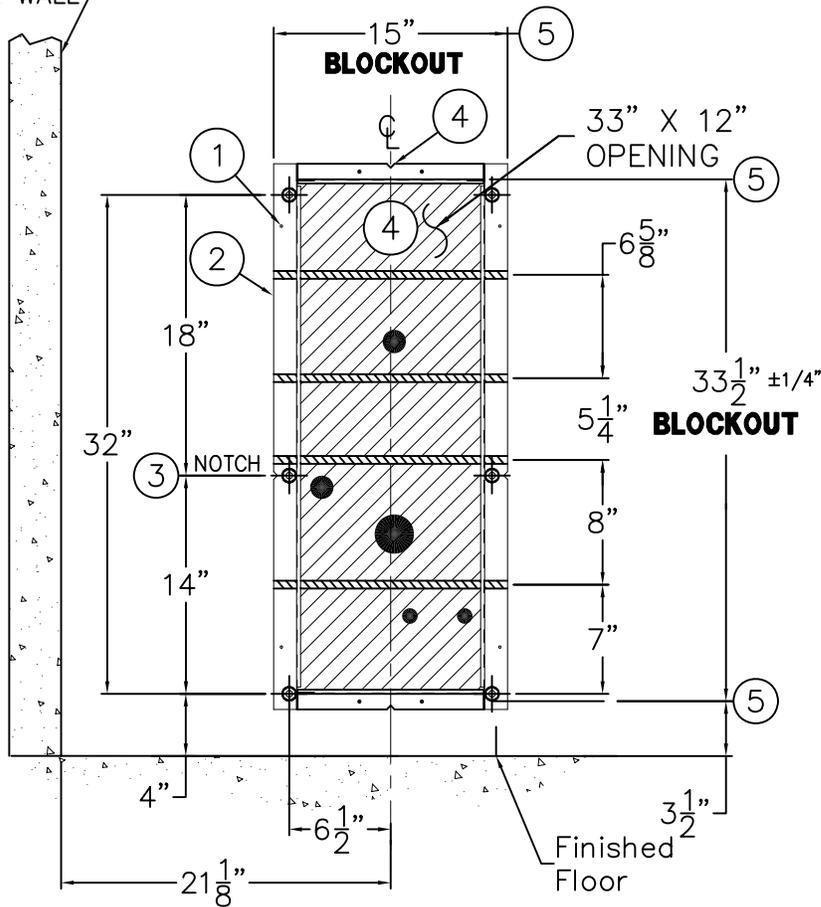
**HYDRAULIC FLUSH VALVE NOTES:**

- DO NOT CUT LENGTH OF TUBING PROVIDED.
- DO NOT TAPE OR FIX TUBING IN A STATIONARY POSITION.

<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>ADA COMPLIANT LAV-TOILET COMBY ANCHORING INST ~1432FA</b></p>	
	<p>MANUFACTURE DATE <b>JANUARY 2012</b> <b>TO PRESENT</b></p>	<p>DATE ISSUED <b>02/29/12</b></p> <p>DATE REVISED <b>08/05/14 F</b></p>

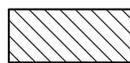


INSIDE CORNER OF CELL WALL



**VIEW FROM FIXTURE / CELL SIDE**

-AL ANGLED LEFT MODEL ROUGH-IN'S SHOWN  
 -AR ANGLED RIGHT IS OPPOSITE



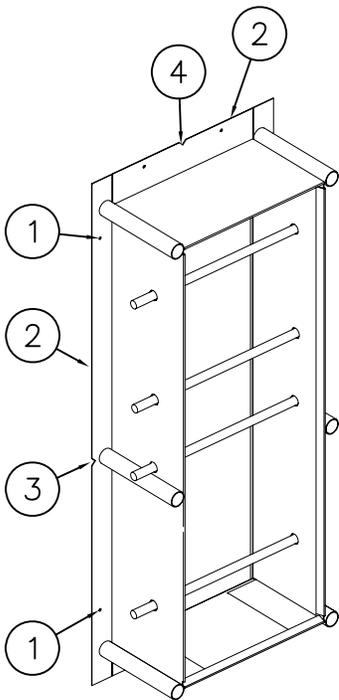
SHADED AREAS ARE REQUIRED WALL OPENINGS

**-SW WALL SLEEVE**

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.

- A- INSTALL SLEEVE WITH FLANGE (2) ON CHASE SIDE OF WALL.
- B- SIDE NOTCHES (3) INDICATE INTEGRAL TOILET SEAT HEIGHT LOCATED 18" ABOVE FINISHED FLOOR ON CELL SIDE.
- C- VERTICAL OR TOP AND BOTTOM NOTCHES (4) INDICATE CENTERLINE OF SLEEVE AND FIXTURE TOILET HOUSING.
- D- USE BLOCKOUT DIMENSIONS (5) SHOWN WHEN SLEEVES ARE NOT AVAILABLE.



**WALL SLEEVE (-SW)**



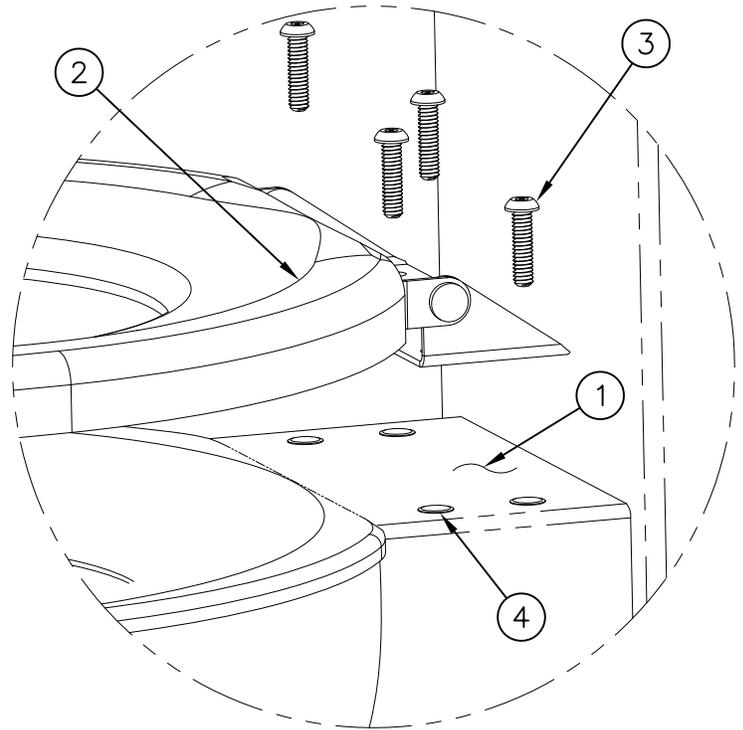
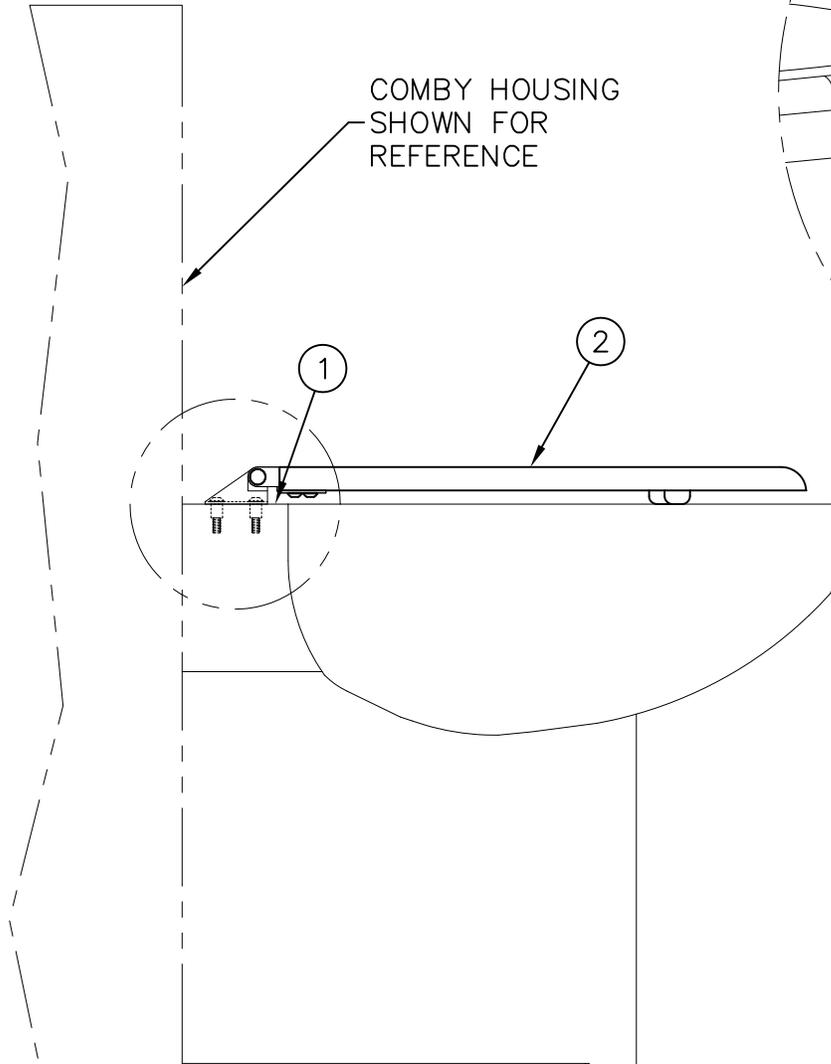
ACORN ENGINEERING COMPANY  
 P.O. BOX 3527 Industry, CA 91744  
 15125 Proctor Ave Industry, CA 91746  
 (626) 336-4561 FAX (626) 961-2200

TITLE <b>(-SW) WALL SLEEVE 1432FA-AL/AR COMBY</b>		
MANUFACTURE DATE <b>FEBRUARY 2008</b> <b>TO PRESENT</b>	DATE ISSUED <b>04/01/08</b>	DRAWING NUMBER <b>9925-087-001</b>
	DATE REVISED <b>03/01/12</b>	



**REFERENCE DRAWINGS**

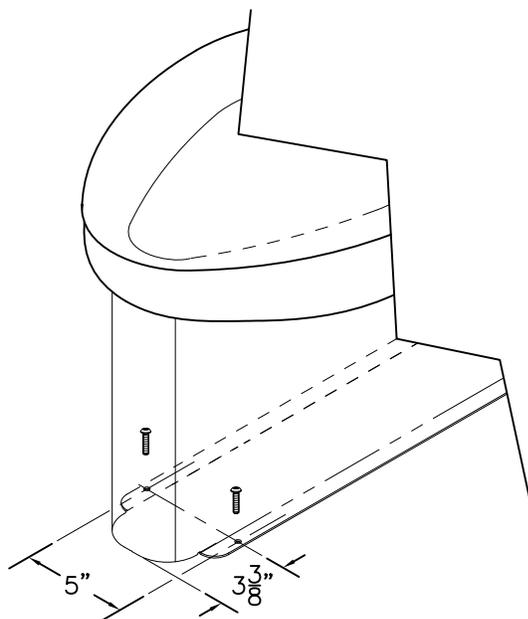
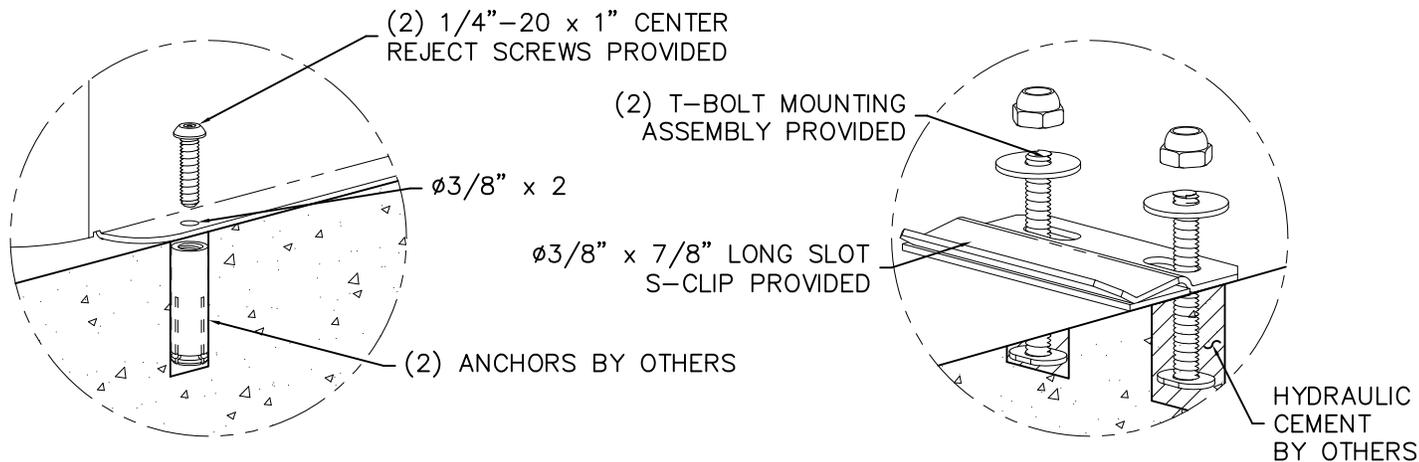
FASTENERS	9951-005-001
DRIVERS & BITS	9951-001-002



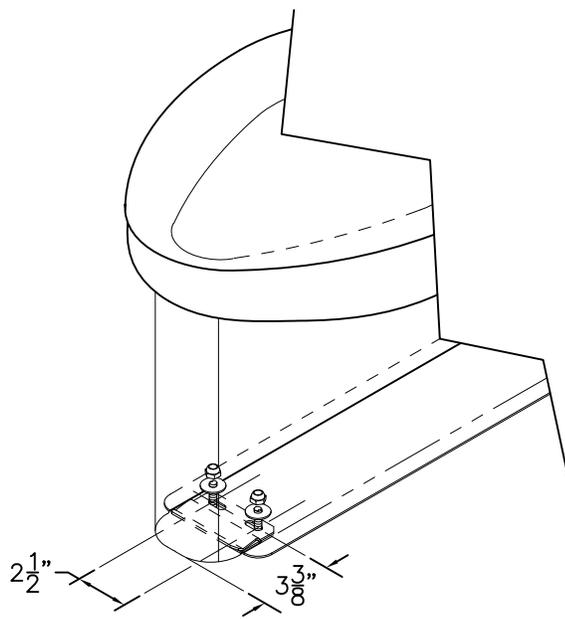
**INSTALLATION INSTRUCTIONS:**

- A- LOCATE HINGED SEAT MOUNTING HOLES ON FIXTURE TENSION MEMBER ①.
- B- POSITION HINGED SEAT ② ON TENSION MEMBER ① AND START SCREWS ③ INTO THREADED INSERTS ④. SEE MOUNTING DETAIL.
- C- TIGHTEN SCREWS ③

<p><b>ACORN ENGINEERING COMPANY</b> P.O. BOX 3527 INDUSTRY, CA. 91744 (626) 336-4561 FAX (626) 961-2200</p>	<p>TITLE <b>-HS HINGED SEAT OPTION INSTALLATION DETAIL - ADA COMBYS</b></p>		
	<p>MANUFACTURE DATE</p> <p><b>FEBRUARY 1999</b></p> <p><b>TO PRESENT</b></p>	<p>DATE ISSUED</p> <p><b>03/15/11</b></p> <hr/> <p>DATE REVISED</p> <p><b>08/13/12</b></p>	<p>DRAWING NUMBER</p> <p><b>9925-266-001</b></p>



**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.



ACORN ENGINEERING COMPANY  
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15125 Proctor Ave Industry, CA 91746  
(626) 336-4561 FAX (626) 961-2200

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**