



## INSTALLATION, OPERATION & MAINTENANCE INSTRUCTIONS

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No. 0002080223 (17)

### Model 1117L Drinking Fountain

**NOTE TO INSTALLER: Please leave this information with the Maintenance Department.**

#### LIMITED WARRANTY

HAWS warrants that all of its products are guaranteed against defective material or poor workmanship for a period of **one year from the date of shipment**. The foregoing notwithstanding, HAWS warrants certain specific products or components thereof for an adjusted period. A list of these excepted products and components and a description of their respective warranty terms may be found here: [www.hawsco.com/warranty](http://www.hawsco.com/warranty). HAWS' liability under this warranty shall be discharged by furnishing without charge F.O.B. HAWS factory any goods, or part thereof, which shall appear to the Company upon inspection to be of defective material or not of first-class workmanship, provided that a claim is made in writing to Company within a reasonable period after receipt of the product. Where claims for defects are made, the defective part or parts shall be delivered to the Company, prepaid, for inspection. HAWS shall not be liable for the cost of repairs, alterations or replacements, or the labor required to implement them, or for any expense connected therewith made by the owner or owner's agents, except upon written authority from HAWS. HAWS shall not be liable for any damages caused by defective materials or poor workmanship, except for replacements, as provided above. Buyer agrees that HAWS has made no other warranties either express or implied in addition to those above stated, except that of title with respect to any of the products or equipment sold hereunder and that HAWS shall not be liable for general, special, incidental, or consequential damages claimed to arise under the contract of sale.

Equipment manufactured by HAWS is warranted to function if installation and maintenance instructions provided are adhered to. The units also must be used for the purpose for which they were intended. Any HAWS emergency equipment is intended to supplement first-aid treatment. Due to widely varying conditions, HAWS cannot guarantee that the use of this emergency equipment will prevent serious injury or the aggravation of existing or prior injuries.

**EXCEPT AS EXPRESSLY STATED HEREIN, HAWS HEREBY DISCLAIMS ALL WARRANTIES, WHETHER EXPRESS OR IMPLIED, ARISING BY LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY MAY NOT BE MODIFIED OR EXTENDED WITHOUT THE WRITTEN CONSENT OF HAWS. REMEDIES AND REPLACEMENTS STATED HEREIN ARE EXCLUSIVE. IN NO EVENT SHALL HAWS BE LIABLE FOR ANY SPECIAL, PUNITIVE, CONSEQUENTIAL OR INCIDENTAL DAMAGES TO ANY PERSON INCLUDING BUT NOT LIMITED TO DAMAGES FOR LOSS OF USE OR PROFITS, SUBSTITUTE PRODUCTS OR COSTS, PROPERTY DAMAGE, OR OTHER MONETARY LOSS.**

**SHOULD YOU EXPERIENCE DIFFICULTY WITH THE INSTALLATION OF THIS MODEL PLEASE CALL:**

**TECHNICAL SUPPORT: 1-800-766-5612**  
**FOR CUSTOMER SERVICE: 1-888-640-4297**

**RECOMMENDED TOOLS:** Hack saw, pipe joint sealant, screwdriver, level, 12" adjustable wrench, 10" pipe wrench, 5/64" hex key wrench, 9/16", 1/2", 7/16" socket wrench or open end wrench.

**LOCATION OF UNIT:** The Model 1117L Drinking Fountain is a wheelchair accessible drinking water facility. The height dimensions that are shown meet current ADA requirements. When installing this unit, local, state or federal codes should be adhered to. If height other than shown is required, then dimensions must be adjusted accordingly.

**SUPPLY LINE:** The minimum recommended line size is 1/2"IPS with 30-90 psi (2-6 ATM) flowing pressure. Where sediment or mineral content is a problem, an inlet filter is recommended.

**PLUMBING CONNECTIONS:** Inlet is 3/8"O.D. push-in type fitting. Waste outlet is female 1-1/4" IPS.

**MAINTENANCE:** Periodically clean the strainer. Refer to 5874 Series Valve Manual for more information.

## INSTALLATION PROCEDURE

### GENERAL NOTES:

1. For all plastic push-in type fitting connections, only connect NSF-61 copper or plastic tubing. Stainless steel or glass tubing is not recommended. The following assembly instructions must be followed to ensure a watertight connection:
  - a. Cut tubing square and clean.
  - b. Mark from end of tube the length of insertion (See table below).
  - c. Push tube into the fitting until it bottoms out.
  - d. To remove, depress collet and pull tubing out.

| Tube Sizes | O.D.<br>Tolerance | Insertion Depth |
|------------|-------------------|-----------------|
| 1/4"       | ±.005"            | 11/16"          |
| 3/8"       | ±.005"            | 3/4"            |
| 1/2"       | ±.005"            | 7/8"            |

## TROUBLESHOOTING

| PROBLEM                       | REPAIR CHECKLIST                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Insufficient bubbler flow. | <ol style="list-style-type: none"><li>1a. Check that inlet screwdriver stop valve is wide open. Turn counter-clockwise.</li><li>b. Verify minimum 30 psi flowing supply pressure.</li><li>c. Clean strainer. See 5874 Series Valve Manual</li><li>d. Adjust valve to increase flow. Use front adjust screw or see 5874 Series Valve Manual.</li></ol> |

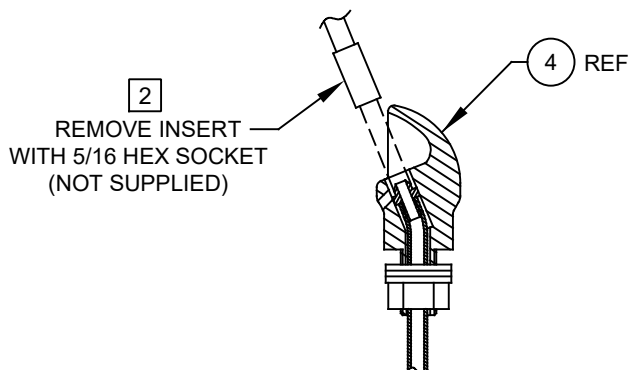
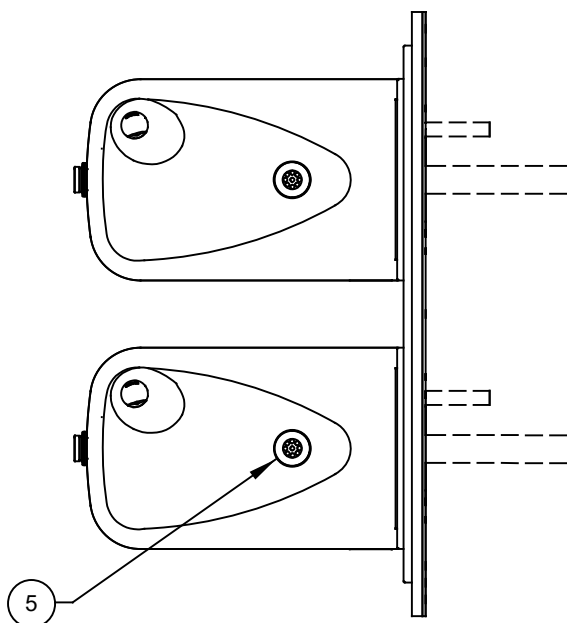
For more information about Haws products, see our website: [www.hawscow.com](http://www.hawscow.com)

| ITEM | DESCRIPTION                         | PART NO.   |
|------|-------------------------------------|------------|
| 1    | BUTTON, PUSH, FLANGED, PCP W/ VALVE | 5874PBF    |
| 2    | VALVE REPAIR KIT                    | VRK5874    |
| 3    | PUSH BUTTON ASSY                    | PBA6       |
| 4    | BUBBLER HEAD ASSY, PCP              | 5703M      |
| 5    | STRAINER, WASTE ASSY                | 6462       |
| 6    | TRAP                                | 0005982900 |
| ** 7 | MOUNTING PLATE                      | 6717       |
| 8    | BOTTOM PLATE                        | PBM1107    |

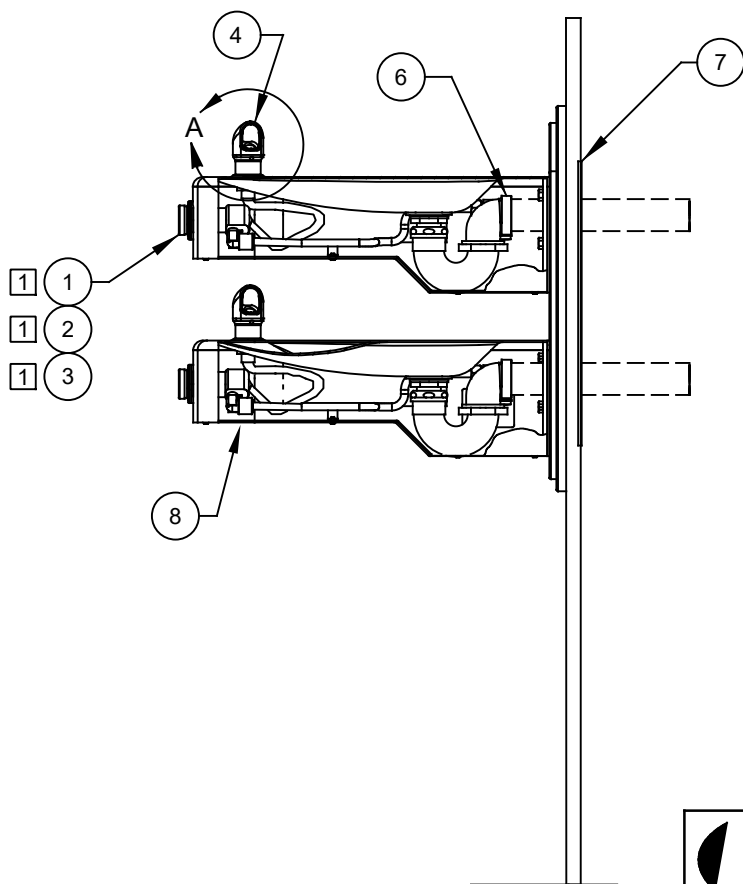
\*\* REQUIRED - SOLD SEPARATELY

# NOTES:


- 1 5874PBF (ITEM 2) INCLUDES VRK5874 CARTRIDGE ASSEMBLY (ITEM 3) AND PBA6 FLANGED PUSH BUTTON (ITEM 4).
- 2 ENSURE TUBE IS DISCONNECTED FROM PUSH BUTTON VALVE BODY PRIOR TO REMOVAL. APPLY ONE DROP OF LOCTITE 222MS TO NOZZLE THREADS PRIOR TO FASTENING BACK ONTO BUBBLER HEAD. RE-ATTACH TUBE TO VALVE.



DETAIL A  
ROTATED 90° INTO VIEW



## PARTS BREAKDOWN

|                                                                                     |             |      |            |                                                                                                                                       |                 |         |              |
|-------------------------------------------------------------------------------------|-------------|------|------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------|--------------|
|  |             |      |            | 1455 KLEPPE LANE<br>SPARKS, NEVADA 89431<br>(775) 359-4712 FAX (775) 359-7424<br>E-MAIL: HAWS@HAWS.CO.COM<br>WEBSITE: WWW.HAWS.CO.COM |                 |         |              |
| ECN NO.                                                                             | REVISED PER | BY   | MODEL(S)   | PART NUMBER                                                                                                                           |                 |         |              |
| ECN: 5893                                                                           | DATE        | FV   | 1117L      | 0002080223                                                                                                                            |                 |         |              |
| DRAWN                                                                               | DATE        | CHKD |            | REVISION                                                                                                                              |                 |         |              |
| C.FENNER                                                                            | 10/28/06    | KM   |            | 17                                                                                                                                    |                 |         |              |
| APPROVED                                                                            | DATE        |      | SCALE: 1:1 | DRAWING TYPE:                                                                                                                         | PARTS BREAKDOWN | SIZE: A | SHEET 1 OF 1 |
| FV                                                                                  | 09/06/23    |      |            |                                                                                                                                       |                 |         |              |

WHEN ORDERING PARTS PLEASE SPECIFY MODEL NUMBER.

NOTES:

1. HOLD ROUGH-IN DIMENSIONS  $\pm \frac{1}{8}"$  (3.2MM).  
2. WHEN INSTALLING THIS UNIT, LOCAL, STATE, OR FEDERAL CODES SHOULD BE ADHERED TO. FOR INSTALLATION HEIGHTS OTHER THAN SHOWN, DIMENSIONS MARKED (\*) MUST BE ADJUSTED ACCORDINGLY.

- 3 REFER TO 5874 SERIES OPERATION AND MAINTENANCE MANUAL FOR PUSH BUTTON AND VALVE INSTALLATION/MAINTENANCE INSTRUCTIONS.

- 4 ROUGH IN DIMENSIONS FOR FOUNTAIN HEIGHTS:

CHILD WHEELCHAIR HEIGHT: SEE SHT 2 FIG 1

WASTE: 26-1/4" (667mm)  
SUPPLY: 26-1/8" (664mm)  
MOUNTING HOLE: 24-13/16" (630mm)  
FOUNTAIN: 24" (610mm)  
BUBBLER: 29-7/8" (756mm)

ADULT WHEELCHAIR HEIGHT: SEE SHT 2 FIG 2

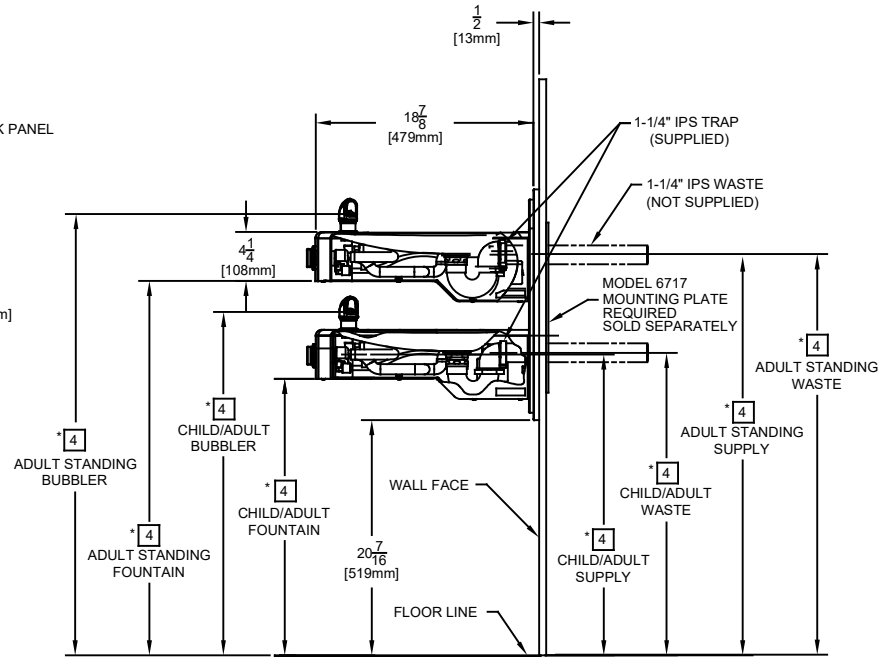
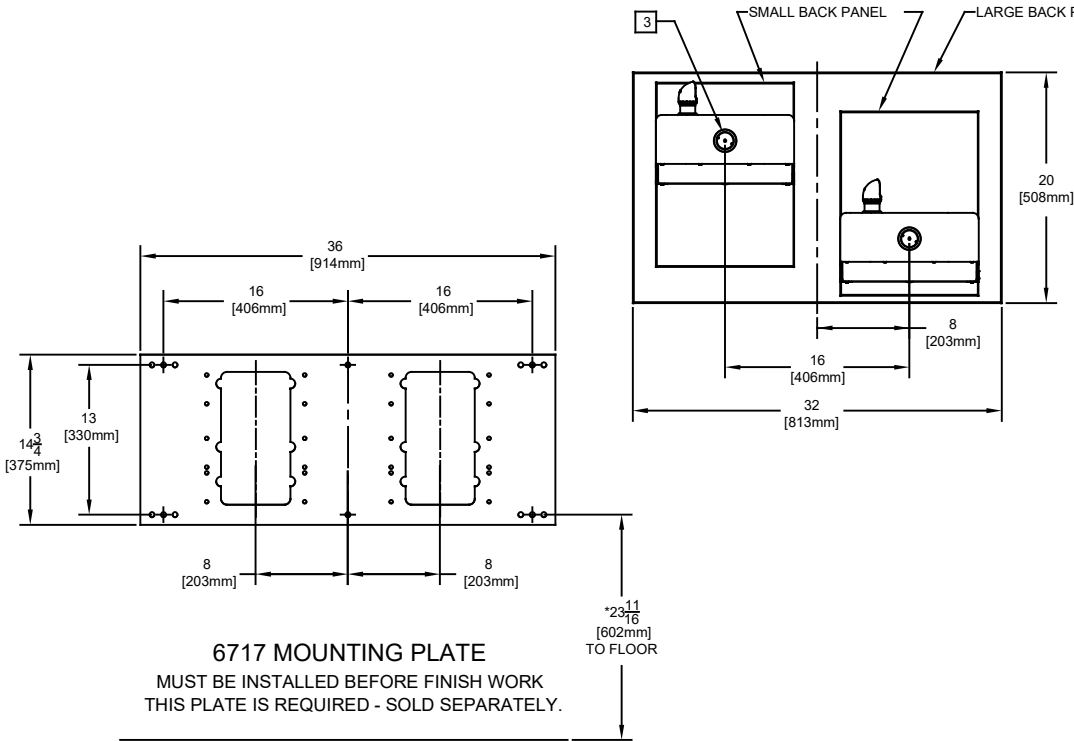
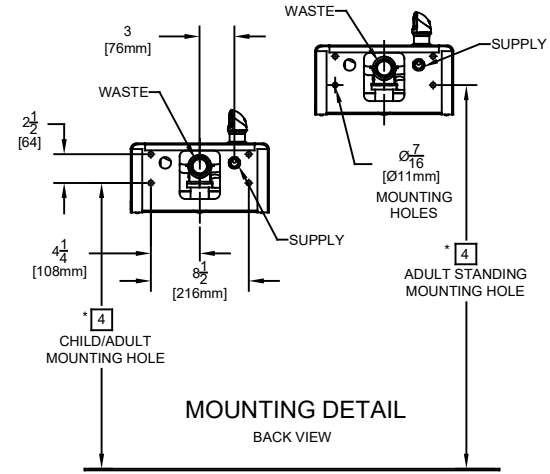
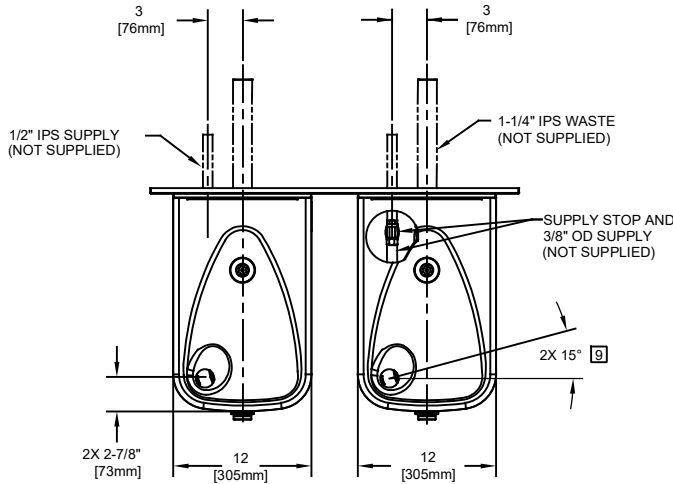
WASTE: 29-1/4" (743mm)  
SUPPLY: 29-1/8" (740mm)  
MOUNTING HOLE: 27-13/16" (706mm)  
FOUNTAIN: 27" (686mm)  
BUBBLER: 32-7/8" (832mm)


STANDING ADULT HEIGHT: SEE SHT 2 FIG 3

WASTE: 34-3/4" (883mm)  
SUPPLY: 34-5/8" (879mm)  
MOUNTING HOLE: 33-5/16" (846mm)  
FOUNTAIN: 32-1/2" (826mm)  
BUBBLER: 38-3/8" (972mm)

5. REFER TO MODEL 1117L INSTALLATION DRAWING SHEET 2 OF 2 (ON HAWS WEBSITE [WWW.HAWS.CO.COM](http://WWW.HAWS.CO.COM)) FOR PERMISSABLE BOWL MOUNTING PATTERNS. **TWO WHEELCHAIR HEIGHT FOUNTAINS CANNOT BE MOUNTED SIDE BY SIDE PER ANSI A117.1.**

NOTES CONTINUED ON SHEET 2 OF 2



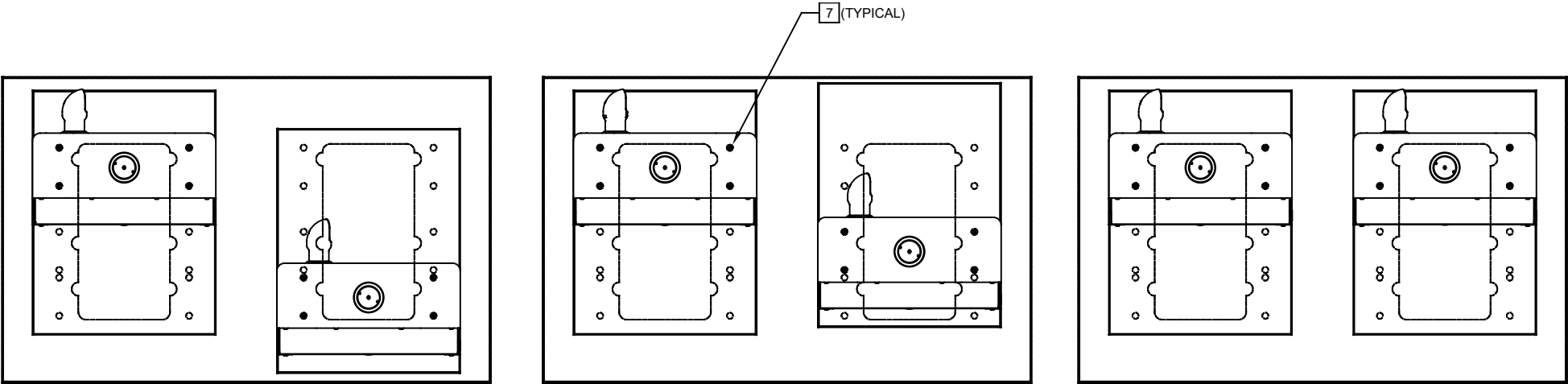


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|           |             |        |            |                            |
|-----------|-------------|--------|------------|----------------------------|
| ECN NO.   | REVISED PER | BY:    | MODEL(S)   | PART NUMBER                |
| ECN: 5893 | FV          | FV     | 1117L      | 0002080223.D               |
| DRAWN:    | DATE:       | CHK'D: |            | REVISION                   |
| C.FENNER  | 10/06       | KM     |            | 17                         |
| APPROVED: | DATE:       |        | SCALE: 1:2 | DRAWING TYPE: INSTALLATION |
| FV        | 09/06/23    |        | SIZE: A    | SHEET 1 OF 2               |

NOTES:

- 6 FIGURES 1 AND 2 ARE REVERSIBLE. CAN BE RIGHT OR LEFT SIDE HIGH.
- 7 USE SHADED HOLES TO MOUNT AT INDICATED POSITIONS BASED ON COMBINATION SELECTED (FIGS. 1 THRU 3).
- 8. REFER TO SHEET 1 OF 2 NOTE 4 FOR INSTALLED FOUNTAIN DIMENSIONS.
- 9 MAXIMUM ADJUSTABLE RANGE IS 15° FROM PARALLEL TO BACK WALL.




6  
FIGURE 1.  
ADULT STANDING/CHILD WHEELCHAIR

6  
FIGURE 2.  
ADULT STANDING/ADULT WHEELCHAIR

FIGURE 3.  
ADULT STANDING/ADULT STANDING

BOWL MOUNTING PATTERNS



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|-----------|-------------|--------|---------------|--------------|
| ECN NO.   | REVISED PER | BY:    | MODEL(S)      | PART NUMBER  |
|           | ECN: 5893   | FV     |               | 0002080223.D |
| DRAWN:    | DATE:       | CHK'D: |               | REVISION     |
| C.FENNER  | 12/29/06    | KM     | 1117L         | 17           |
| APPROVED: | DATE:       | SCALE: | DRAWING TYPE: | SHEET        |
| FV        | 09/06/23    | 1:2    | INSTALLATION  | 2 OF 2       |