

WW-P-541/4B  
 August 1, 1980  
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 SUPERSEDING  
 Fed. Spec. WW-P-541/4A  
 October 12, 1971

## FEDERAL SPECIFICATION SHEET

### PLUMBING FIXTURES (LAVATORIES) (DETAIL SPECIFICATION)

This specification forms a part of the latest issue of  
 Federal Specification WW-P-541/GEN.

#### 1. SCOPE AND CLASSIFICATION

1.1 Scope. This specification covers specific requirements for lavatories.

1.2 Classification.

1.2.1 Types. Lavatories furnished under this specification sheet shall be of the types indicated in tables I through V.

1.2.2 Definitive part number (DPN). Lavatories covered by this specification shall be identified by a DPN. This part number is intended for cataloging and ordering purposes; it is not intended for surface printing on the lavatories. The DPN shall consist of the Federal specification symbol plus the specification part number (SPN) (see tables I through V). The DPN shall be written as indicated below (see 6.1 and 6.4).

DPN _____	<u>wwP541/4</u>	<u>XXXXX</u>
Specification sheet identification _____ for fixture required		
<b>SPN</b> _____		

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TABLE I. Enameled cast iron lavatory identification (100 series SPN).

Laboratory type	Nominal size (inches)	SPN
Flat rim with ledge- rectangular, See figure 1	20 x 18	100
Flat rim with ledge-round. See figure 2	18 in diameter 19 in diameter	101 102
Flat rim with ledge-oval, See figure 3	19-1/4 X 16-1/4	103
Self rimming - rectangular. See figure 1	21 x 19	104
Self rimming - round. See figure 2	19 in diameter	105
Self rimming - oval. See figure 3	20-1/4 X 17-1/4	106
Straight-front apron straight back. See figure 4	19 x 17 20 X 18 21 X 18 22 x 19	107 108 109 110
Shelf-back with apron. See figure 5	19 x 17 22 x 19 24 X 18	111 112 113

TABLE II. Vitreous china lavatory identification (200 series SPN).

Lavatory type	Nominal size (Inches)	Notes	SPN
Flat rim - rectangular. See figure 1	20 X 18 20 x 19		200 201
Flat rim - round. See figure 2	18 in diameter		202
Flat rim - oval. See figure 3	20 x 17 19 x 15 19 X 16		203 204 205
Self rimming - rectangular. See figure 1	22 x 19 21 x 19 19 X 16		206 207 208

TABLE 11. ~~Vitreous china laboratory~~ "identification (200 series SPN) cont'd.

Lavatory type	Nominal size (inches)	Notes	SPN
			209
Self rimming - round	18 in diameter		210
See figure 2	19 in diameter		
			211
Self rimming - oval	20 x 17		212
See figure 3	19 x 15		
			213
Corner, shelf-back	17 x 17	For china leg, add CL	
see figure 8		to SPN e.g., 213 CL	
			214
Straight-front apron,	20 X 18	For china leg, add CL	
straight-back		to SPN e.g., 214 CL	
See figure 4	24 x 20	For china leg, add CL	215
		to SPN e.g., 215 CL	
	24 x 21	For china leg, add CL	216
		to SPN e.g., 216 CL	
			217
Straight-front apron,	19 x 17	For metal leg, add ML	
ledge-back		to SPN e.g., 217 ML	
See figure 6	20 x 18	For metal leg, add ML	218
		to SPN e.g., 218 ML	
	22 X 18	For metal leg, add ML	219
		to SPN e.g., 219 ML	
	24 X 20	For metal leg, add ML	220
		to SPN e.g., 220 ML	
			221
Straight-front apron!	19 x 17	For metal leg, add ML	
shelf-back		to SPN e.g., 221 ML	
See figure 5	20 X 18	For metal leg, add ML	222
		to SPN e.g., 222 ML	
	22 X 18	For metal leg, add ML	223
		to SPN e.g., 223 ML	
	24 X 20	For metal leg, add ML	224
		to SPN e.g., 224 ML	
			225
Slab type, See figure 7	20 X 18	For metal leg, add ML	
		to SPN for china	
		leg add CL to SPN	
		e.g., 225 ML or 225 CL	
	24 X 20	For metal leg, add ML	226
		to SPN, for china	
		leg add CL to SPN	
		e.g., 226 ML or 226 CL	
	24 X 21	For metal leg, add ML	227
		to SPN, for china leg	
		add CL to SPN e.g.,	
		227 ML Or 227 CL	

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TABLE III: Stainless steel lavatory identification (300 series SPN).

Lavatory type	Nominal size (inches)	SPN
self-rimming with ledge, rectangular, See figure 1	20 x 18	300
Self-rimming with ledge, round. See figure 2	18 in diameter 19 in diameter	301 302
Self-rimming with ledge, oval. See figure 3	20 x 17	303

TABLE IV. Porcelain enameled formed steel lavatory identification (400 series SPN).

Lavatory type	Nominal size (inches)	SPN
Flat rim with ledge, rectangular. See-figure 1	19 X 16 20 X 18	<b>400</b> <b>401</b>
Self-rimming with ledge, rectangular? See figure 1	20 x 18	402
<b>Flat rim with ledge, round.</b> See figure 2	18 in diameter 19 in diameter	<b>403</b> <b>404</b>
Flat rim with ledge, oval. See figure 3	<b>19 X 16</b> 20 x 17	405 406
Self-rimming <b>with ledge,</b> round See figure 2	<b>18 in diamter</b> <b>19 in diameter</b>	<b>407</b> <b>408</b>
<b>Self-rimming with ledge, oval.</b> <b>See figure 3</b>	<b>20 x 17</b>	<b>409</b>

TABLE V. Plastic lavatory identification (500 series SPN).

Lavatory type	Nominal size (inches)	SPN
Self-rimming with ledge, round. See figure 2	18 in diameter	500
Self-rimming: with ledge; oval, See figure 3	20 x 17	501

## 2. APPLICABLE" DOCUMENTS

2.1 Latest issue of WW-P-541/GEN and documents referenced therein.

## 3. REQUIREMENTS

3.1 Materials and components. Materials and components shall conform, as applicable, to ANSI A112.19.LM through A112.19.4, 2124.3, and the basic specification 'W-P-541/GEN.

3.2 Color Lavatories (except stainless steel) shall **be** white in color  
(see 6.3)

#### 4 QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection (see WW-P-541/GEN).

4.2 Quality conformance inspection (see WW-P-541/GEN).

5. PREPARATION FOR DELIVERY (see WW-P-541/GEN).

#### 6. NOTES

6.1 Ordering data: Purchasers should select the preferred options permitted herein, and include the following information in procurement documents:

- (a) Title, number, and date of this specification.
- (b) Definitive part number (see 1.2.2).

6.2 Figures. Figures contained herein are for the convenience of identification of lavatory types. They are not intended to preclude the purchase of lavatories of similar design which are in accordance with the requirements of this specification. Purchasers requiring more detailed figures should consult the applicable ANSI standards.

6.3 Colors. Hue and color of lavatories may vary from one manufacturer to another, purchasers should consult manufacturer's literature prior to placing orders for colored fixtures. Colors other than white shall be specified in contract document.

#### 6.4 Example of DPN:

DPN characteristics _____	WWP541/4	213CL
Plumbing fixture (lavatories) _____		
SPN - type, style, and class of lavatory (see table II) _____		

#### MILITARY CUSTODIANS:

Army-ME  
Navy - YD  
Air Force - **99**

#### CIVIL AGENCY COORDINATING ACTIVITIES

DOE - AEC  
GSA - FSS  
**HUD** - TCS

#### Review activity:

DLA - CS

#### Preparing activity:

Navy - YD

#### User activities:

Army-CE  
Navy - MC MS

Project No. 4510-0171-4

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Orders for this publication are to be placed with General Services Administration, acting as an agent for the Superintendent of Documents. See section 2 of this **specification to** obtain extra copies and other documents referenced herein.

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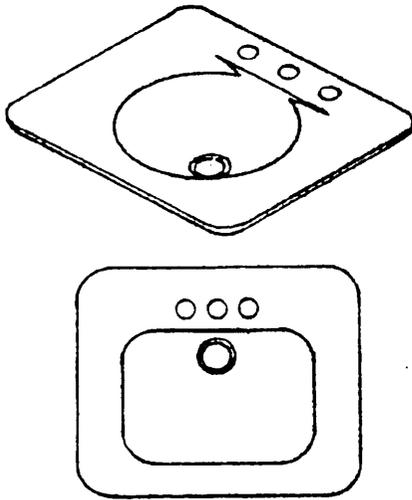


FIG. 1. RECTANGULAR FLAT-RIM LAVATORIES.

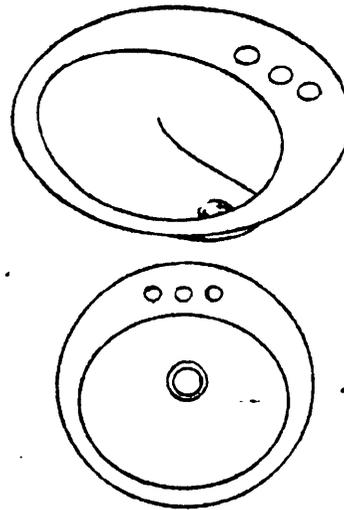


FIG. 2. ROUND FLAT-RIM LAVATORIES.

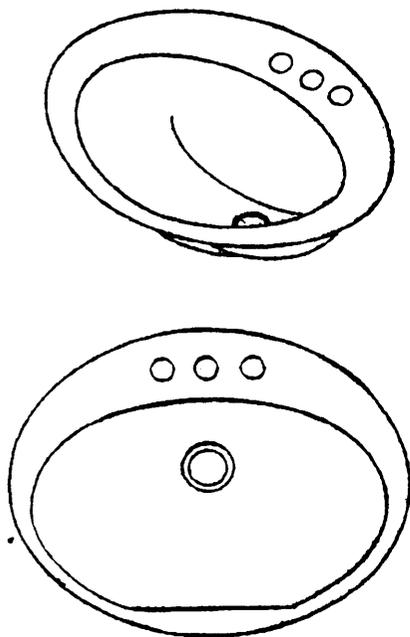


FIG. 3. OVAL FLAT-RIM LAVATORIES.

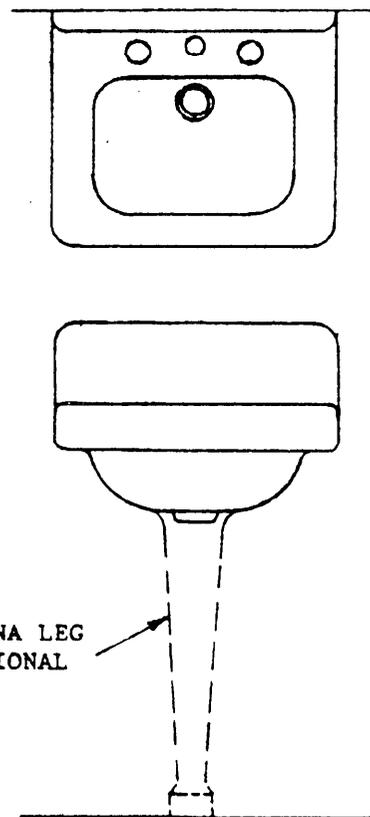


FIG. 4. LAVATORIES WITH STRAIGHT BACKS.

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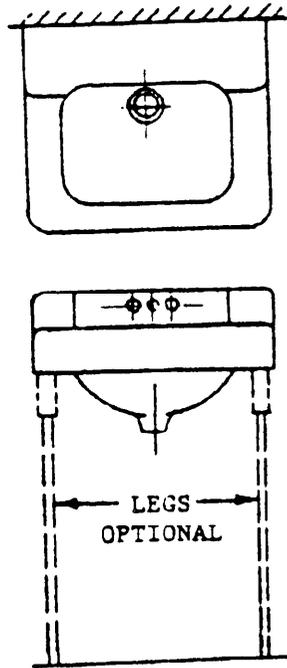


FIG. 5. SHELF-BACK LAVATORIES.

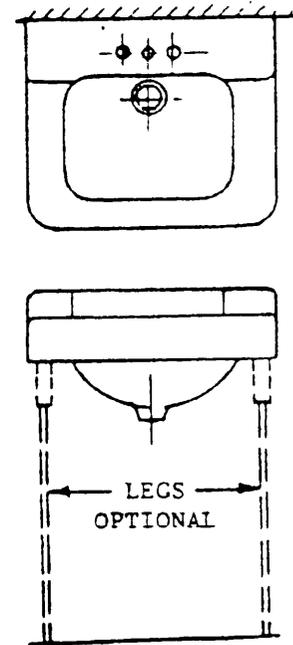


FIG. 6. LEDGE-BACK LAVATORIES.

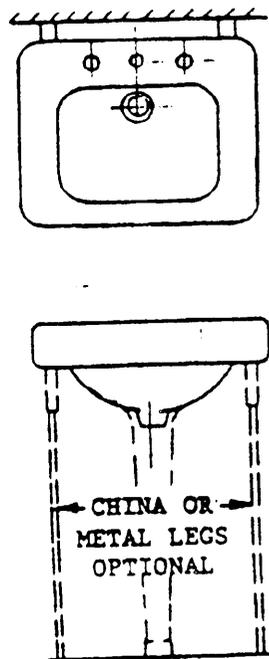


FIG. 7. SLAB-TYPE LAVATORIES.

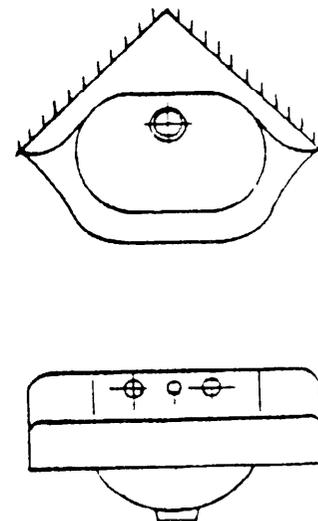


FIG. 8. CORNER LAVATORIES WITH SHELF-BACK.

