

WW-P-541/4B
 August 1, 1980

 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		
SPN _____		

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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 lavatory~~ "identification (200 series SPN) cont'd.

Lavatory type	Nominal size (inches)	Notes	SPN
	18 in diameter		209
Self rimming - round	19 in diameter		210
See figure 2			
	20 x 17		211
Self rimming - oval	19 x 15		212
See figure 3			
Corner, shelf-back	17 x 17	For china leg, add CL	213
see figure 8		to SPN e.g., 213 CL	
	20 X 18	For china leg, add CL	214
Straight-front apron,		to SPN e.g., 214 CL	
straight-back	24 x 20	For china leg, add CL	215
See figure 4		to SPN e.g., 215 CL	
	24 x 21	For china leg, add CL	216
		to SPN e.g., 216 CL	
	19 x 17	For metal leg, add ML	217
Straight-front apron,		to SPN e.g., 217 ML	
ledge-back	20 x 18	For metal leg, add ML	218
See figure 6		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	
	19 x 17	For metal leg, add ML	221
Straight-front apron!		to SPN e.g., 221 ML	
shelf-back	20 X 18	For metal leg, add ML	222
See figure 5		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	
	20 X 18	For metal leg, add ML	225
Slab type, See figure 7		to SPN for china	
		leg add CL to SPN	
		e.g., 225 ML or 225 CL	226
	24 X 20	For metal leg, add ML	
		to SPN, for china	
		leg add CL to SPN	
		e.g., 226 ML or 226 CL	227
	24 X 21	For metal leg, add ML	
		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	400 401
Self-rimming with ledge, rectangular? See figure 1	20 x 18	402
Flat rim with ledge, round. See figure 2	18 in diameter 19 in diameter	403 404
Flat rim with ledge, oval. See figure 3	19 X 16 20 x 17	405 406
Self-rimming with ledge, round See figure 2	18 in diamter 19 in diameter	407 408
Self-rimming with ledge, oval. See figure 3	20 x 17	409

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 A112.19.1M through A112.19.4, 2124.3, and the basic specification 'W-P-541/GEN.

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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

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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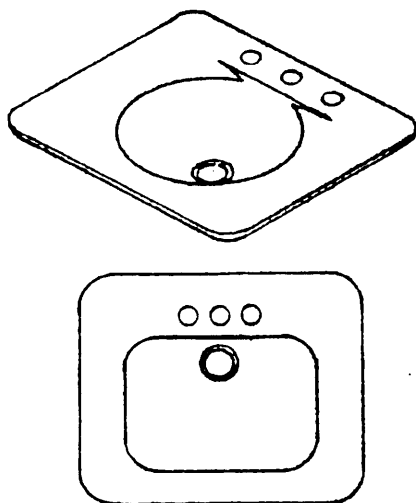


FIG. 1. RECTANGULAR FLAT-RIM LAVATORIES.

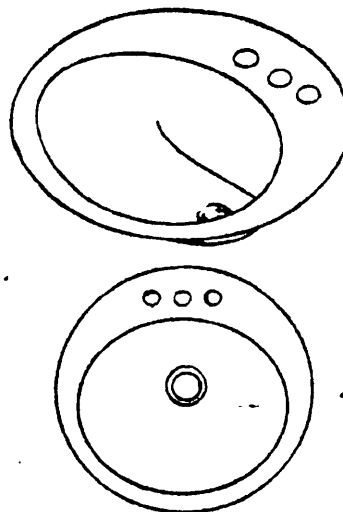


FIG. 2. ROUND FLAT-RIM LAVATORIES.

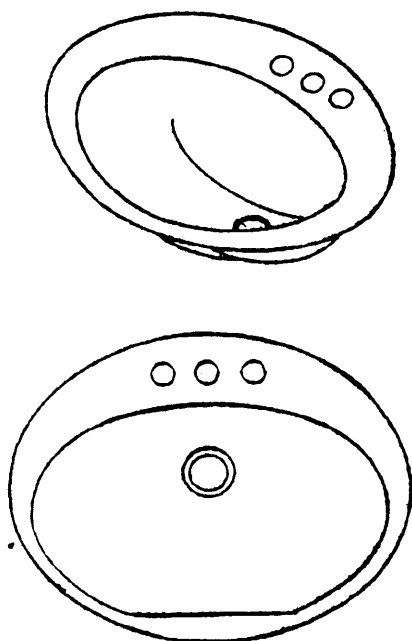


FIG. 3. OVAL FLAT-RIM LAVATORIES.

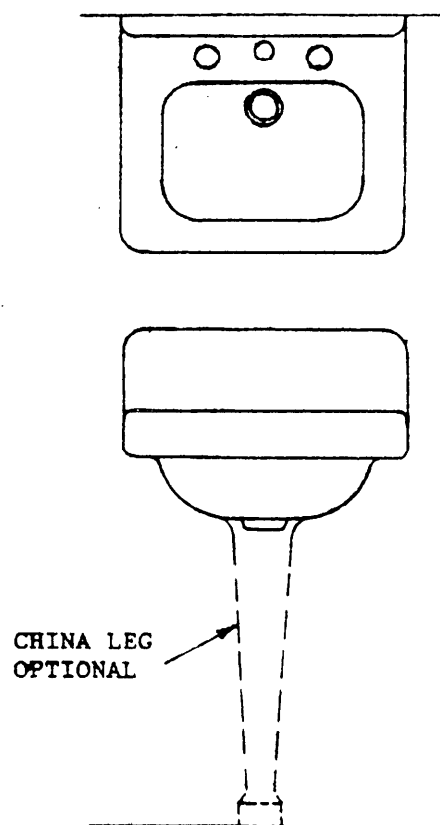


FIG. 4. LAVATORIES WITH STRAIGHT BACKS.

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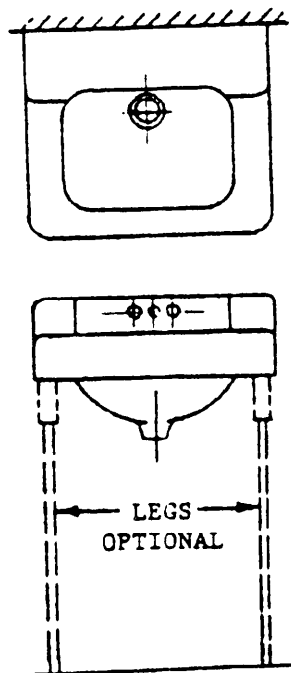


FIG. 5. SHELF-BACK LAVATORIES.

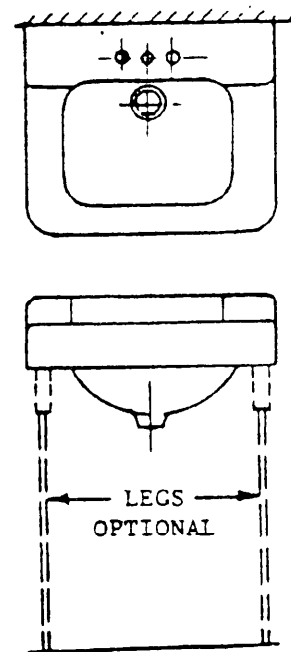


FIG. 6. LEDGE-BACK LAVATORIES.

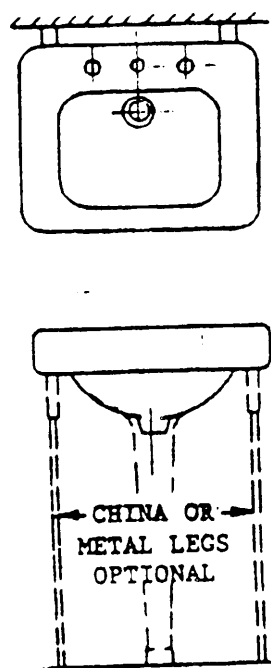


FIG. 7. SLAB-TYPE LAVATORIES.

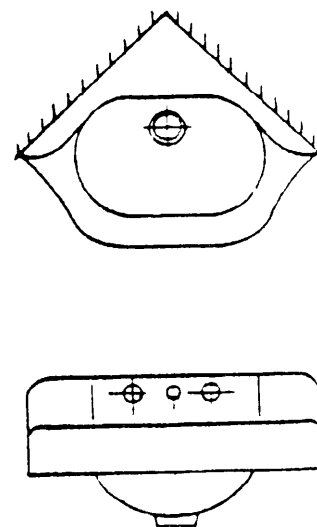


FIG. 8. CORNER LAVATORIES WITH SHELF-BACK.

