

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

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

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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.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

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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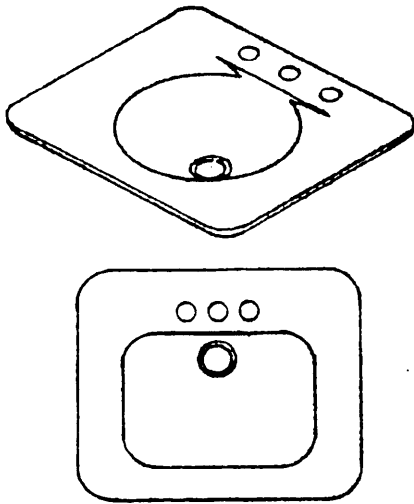


FIG. 1. RECTANGULAR FLAT-RIM LAVATORIES.

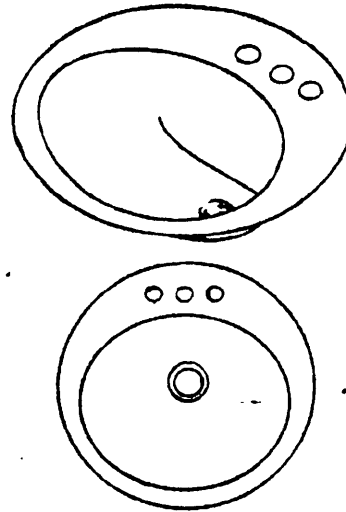


FIG. 2. ROUND FLAT-RIM LAVATORIES.

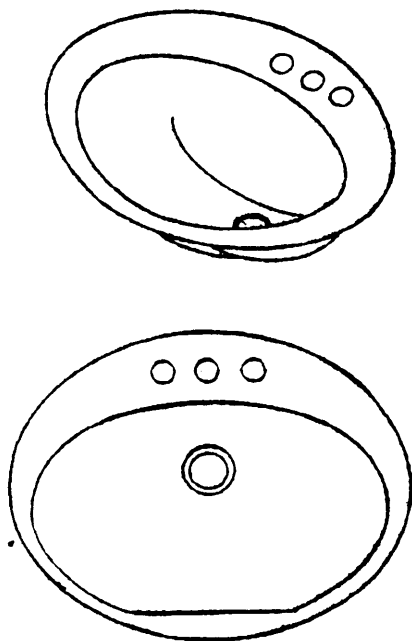


FIG. 3. OVAL FLAT-RIM LAVATORIES.

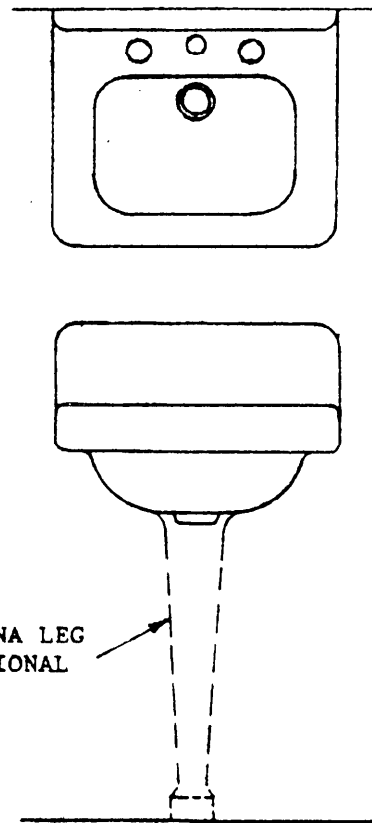


FIG. 4. LAVATORIES WITH STRAIGHT BACKS.

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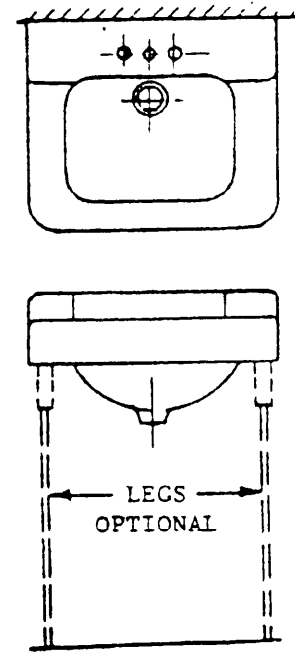
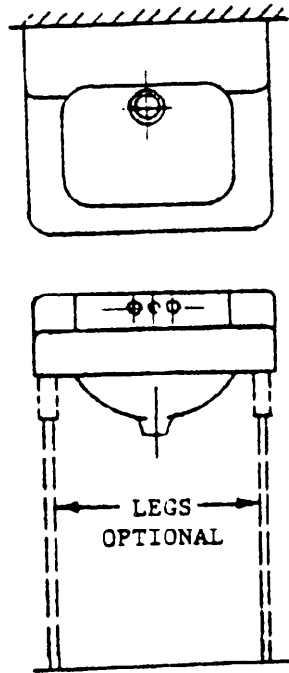


FIG. 5. SHELF-BACK LAVATORIES.

FIG. 6. LEDGE-BACK LAVATORIES.

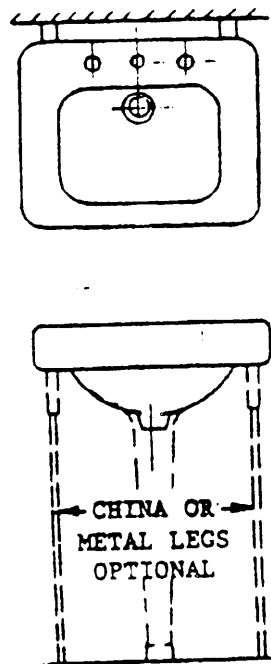


FIG. 7. SLAB-TYPE LAVATORIES.

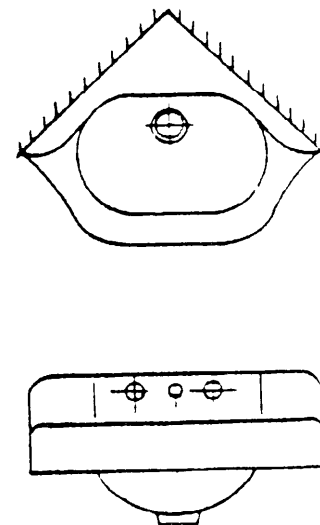


FIG. 8. CORNER LAVATORIES WITH SHELF-BACK.

