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February 2014

## Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The CSI Construction Specifications Practice Guide*.

This section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers and titles are from *MasterFormat 2012 Update*.

### SECTION 12 35 70

#### HEALTHCARE CASEWORK

Specifier Notes: This section covers Shield Casework™ solid surface healthcare casework. Consult Shield Casework for assistance in editing this section for the specific application.

Custom sizes and designs of solid surface healthcare casework are available. Consult Shield Casework for more information.

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

- A. Solid surface healthcare casework.

##### 1.2 RELATED REQUIREMENTS

Specifier Notes: Edit the following list of related sections as necessary. Limit the list to sections with specific information that the reader might expect to find in this section, but is specified elsewhere.

- A. Section 12 36 00 – Countertops: Countertops installed on lower [and sink] casework.

- B. Section 12 56 70 – Healthcare Furniture.
- C. Section 22 43 16 – Healthcare Sinks: Sinks installed in countertops for sink casework.
- D. Section 22 43 39 – Healthcare Faucets: Faucets installed in countertops for sink casework.

### 1.3 REFERENCE STANDARDS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not included in the edited section. Including a standard in this list does not require compliance with that standard.

- A. ANSI A208.2 – Medium Density Fiberboard for Interior Use.
- B. ASTM D 256 – Standard Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics.
- C. ASTM D 570 – Standard Test Method for Water Absorption of Plastics.
- D. ASTM D 638 – Standard Test Method for Tensile Properties of Plastics.
- E. ASTM D 785 – Standard Test Method for Rockwell Hardness of Plastics and Electrical Insulating Materials.
- F. ASTM D 790 – Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.
- G. ASTM D 2583 – Standard Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor.
- H. NSF 51 – Food Equipment Materials.

### 1.4 PREINSTALLATION MEETINGS

Specifier Notes: Edit preinstallation meetings as necessary. Delete if not required.

- A. Convene preinstallation meeting [1 week] [2 weeks] before start of installation of solid surface healthcare casework.
- B. Require attendance of parties directly affecting work of this section, including Contractor, Architect, installer, and manufacturer's representative.
- C. Review materials, examination, installation, adjusting, cleaning, protection, and coordination with other work.

## 1.5 SUBMITTALS

Specifier Notes: Edit submittal requirements as necessary. Delete submittals not required.

- A. Comply with Section 01 33 00 – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation instructions.
- C. Shop Drawings: Submit manufacturer's shop drawings, including plans, elevations, sections, and details, indicating dimensions, tolerances, materials, components, fabrication, edge treatment, corners, seam locations, fasteners, hardware, finish, options, and accessories.
  - 1. Show locations and sizes of cutouts and holes for plumbing sinks, faucets, and other items to be installed in casework.
- D. Samples: Submit manufacturer's samples of solid surface material in each color and finish specified.
  - 1. Size: Minimum 2 inches by 2 inches.
- E. Manufacturer's Certification: Submit manufacturer's certification that materials comply with specified requirements and are suitable for intended application.
- F. Manufacturer's Project References: Submit manufacturer's list of successfully completed solid surface healthcare casework projects, including project name and location, name of architect, and type and quantity of casework furnished.
- G. Installer's Project References: Submit installer's list of successfully completed healthcare casework projects, including project name and location, name of architect, and type and quantity of casework installed.
- H. Care and Maintenance Instructions: Submit manufacturer's care and maintenance instructions, including cleaning and repairing instructions.
- I. Warranty Documentation: Submit manufacturer's standard warranty.

## 1.6 QUALITY ASSURANCE

- A. Manufacturer's Qualifications: Manufacturer has regularly engaged, for past 2 years, in manufacturing of solid surface healthcare casework of similar type to that specified.
- B. Installer's Qualifications:
  - 1. Installer regularly engaged, for past 2 years, in installation of healthcare casework.
  - 2. Employ persons trained for installation of healthcare casework.

## 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage and Handling Requirements:
  - 1. Store and handle materials in accordance with manufacturer's instructions.

2. Keep materials in manufacturer's original, unopened containers and packaging until installation.
3. Store materials in clean, dry area indoors.
4. Store materials on flat, level surface, raised above floor, with adequate support to prevent sagging.
5. Store materials out of direct sunlight.
6. Keep materials from freezing.
7. Protect materials during storage, handling, and installation from dirt, stains, cracks, scratches, and other damage.

## **1.8 WARRANTY**

- A. Warranty Period:
1. Solid Surface Material:

Specifier Notes: Specify LG Hausys "HI-MACS" or Dupont "Corian" solid surface material.

- a. LG Hausys "HI-MACS": 15 years.
  - b. Dupont "Corian": 10 years.
2. Casework: Lifetime.

## **PART 2 PRODUCTS**

### **2.1 MANUFACTURER**

- A. Shield Casework, 3421 Merriam Drive, Overland Park, Kansas 66203. Phone 913-744-2183. Fax 913-384-3477. Website [www.shieldcasework.com](http://www.shieldcasework.com). E-mail [info@shieldcasework.com](mailto:info@shieldcasework.com).

### **2.2 MATERIALS**

Specifier Notes: Specify LG Hausys "HI-MACS" or Dupont "Corian" solid surface material.

- A. Healthcare Casework Material: [LG Hausys "HI-MACS"] [Dupont "Corian"] 100 percent acrylic solid surface.
1. Certification:
    - a. NSF 51 certified for food preparation area.
    - b. Greenguard certified for indoor air quality.
  2. Nonporous.
  3. Seamless.
  4. Microbial resistant.
  5. Solid, uniform, and consistent color throughout material thickness.
  6. Recycled Content: Maximum 41 percent.

Specifier Notes: Specify solid surface material physical properties for LG Hausys "HI-MACS" or Dupont "Corian".

- B. Solid Surface Material Physical Properties: LG Hausys "HI-MACS".

1. Rockwell Hardness, ASTM D 785: 90.
2. Barcol Hardness, ASTM D 2583: 65.
3. Tensile Strength, ASTM D 638: 5,500 psi.
4. Tensile Modulus, ASTM D 638:  $1.35 \times 10^6$  psi.
5. Flexural Strength, ASTM D 790: 11,424 psi.
6. Flexural Modulus, ASTM D 790:  $1.34 \times 10^6$  psi.
7. Izod Impact Strength, ASTM D 256: 0.26 ft-lbs per in.
8. Water Absorption, ASTM D 570, 1/2-inch sheet: 0.04 percent.

C. Solid Surface Material Physical Properties: Dupont "Corian".

1. Rockwell Hardness, ASTM D 785: Greater than 85.
2. Barcol Hardness, ASTM D 2583: 56.
3. Tensile Strength, ASTM D 638: 6,000 psi.
4. Tensile Modulus, ASTM D 638:  $1.5 \times 10^6$  psi.
5. Flexural Strength, ASTM D 790: 10,000 psi.
6. Flexural Modulus, ASTM D 790:  $1.2 \times 10^6$  psi.
7. Izod Impact Strength, ASTM D 256: 0.28 ft-lbs per in.
8. Water Absorption, ASTM D 570, 1/2-inch sheet: 0.06 percent.

D. Casework Interior and Sides: Solid surface.

E. Casework Backer: Solid surface.

F. Drawers: Solid surface.

G. Shelves: Solid surface.

H. Solid Surface Thickness: 1/2 inch.

I. Cabinet Toe Kick: 1" SierraPine "Medex" (to be covered by finish material)

1. Moisture-resistant, industrial-grade, medium density fiberboard (MDF).
2. Formaldehyde-free adhesive system.
3. Pre-consumer recycled wood fiber.
4. ANSI A208.2, Grade 155.

J. Hardware:

1. Drawer Glides: Under-mount Zinc-coated steel.
2. Pulls: Nickel-coated brass.
3. Concealed Hinges: Zinc-coated steel.
4. Embedded Metal Inserts: Stainless steel, to secure hardware.
5. Levelers: Mounted to base with 2" minimum variation
6. Cleat Bracket: Adjustable bracket to attach to the wall
7. Screws: Stainless steel.

K. Countertops for Lower [and Sink] Casework: Specified in Section [12 36 00] [\_\_\_\_\_].

## 2.3 BASE CASEWORK

A. Base Cabinet, Open, 1 Adjustable Shelf:

Specifier Notes: Specify width in 1-inch increments from 12 to 36 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify standard or ADA height.

2. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
3. Depth: 23-1/2 inches.
4. Top: Open. Requires attachment to countertop.
5. Shelves: 1, open, adjustable in 2-inch increments.
6. Cabinet base.
7. Edges: 1/16-inch round over.

B. Base Cabinet, Single Door, 1 Adjustable Shelf:

Specifier Notes: Specify width in 1-inch increments from 12 to 24 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify standard or ADA height.

2. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
3. Depth: 24 inches.
4. Top: Open. Requires attachment to countertop.
5. Doors: 1.
6. Shelves: 1, adjustable in 2-inch increments.
7. Cabinet base.
8. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

9. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify door swing.

10. Door Swing: [Left] [Right].

Specifier Notes: Specify hinge type.

11. Hinge Type: [Institutional knuckle] [Concealed].
12. Concealed hinge is soft close. Institutional hinge has an integrated catch.

C. Base Cabinet, Double Door, 1 Adjustable Shelf:

Specifier Notes: Specify width in 1-inch increments from 25 to 36 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify standard or ADA height.

2. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
3. Depth: 24 inches.
4. Top: Open. Requires attachment to countertop.
5. Doors: 2.
6. Shelves: 1, adjustable in 2-inch increments.
7. Cabinet base.
8. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

9. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify hinge type.

10. Hinge Type: [Institutional knuckle] [Concealed].
11. Concealed hinge is soft close. Institutional hinge has an integrated catch.

D. Base Cabinet, Single Door, 1 Drawer:

Specifier Notes: Specify width in 1-inch increments from 12 to 24 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify standard or ADA height.

2. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
3. Depth: 24 inches.
4. Top: Open. Requires attachment to countertop.
5. Doors: 1.
6. Drawers: 1.
  - a. Drawer Glides: Self-closing, under-mount, commercial grade, 100-lb static rating and 90-lb dynamic rating at full extension.
  - b. Drawer Corners: Square.
7. Shelves: 1, adjustable in 2-inch increments.
8. Cabinet base.
9. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

10. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify door swing.

11. Door Swing: [Left] [Right].

Specifier Notes: Specify hinge type.

12. Hinge Type: [Institutional knuckle] [Concealed].
13. Concealed hinge is soft close. Institutional hinge has an integrated catch.

E. Base Cabinet, Double Door, 1 Drawer:

Specifier Notes: Specify width in 1-inch increments from 25 to 36 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify standard or ADA height.

2. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
3. Depth: 24 inches.
4. Top: Open. Requires attachment to countertop.
5. Doors: 2.
6. Drawers: 1.
  - a. Drawer Glides: Self-closing, commercial grade, 100-lb static rating and 90-lb dynamic rating at full extension.
  - b. Drawer Interior Corners: Square.
7. Shelves: 1, adjustable in 2-inch increments.
8. Cabinet base.
9. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

10. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify hinge type.

11. Hinge Type: [Institutional knuckle] [Concealed].
12. Concealed hinge is soft close. Institutional hinge has an integrated catch.

F. Base Cabinet, 2 Drawer:



Specifier Notes: Specify width in 1-inch increments from 12 to 36 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify standard or ADA height.

2. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
3. Depth: 24 inches.
4. Top: Open. Requires attachment to countertop.
5. Drawers: 2.
  - a. Drawer Glides: Self-closing, commercial grade, 100-lb static rating and 90-lb dynamic rating at full extension.
  - b. Drawer Corners: Square.
6. Cabinet base.
7. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

8. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

G. Base Cabinet, 3 Drawer:

Specifier Notes: Specify width in 1-inch increments from 12 to 36 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify standard or ADA height.

2. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
3. Depth: 24 inches.
4. Top: Open. Requires attachment to countertop.
5. Drawers: 1 small, 2 medium.
  - a. Drawer Glides: Self-closing, commercial grade, 100-lb static rating and 90-lb dynamic rating at full extension.
  - b. Drawer Corners: Square.
6. Cabinet base.
7. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

8. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

H. Base Cabinet, 4 Drawer:

Specifier Notes: Specify width in 1-inch increments from 12 to 36 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify standard or ADA height.

2. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
3. Depth: 24 inches.
4. Top: Open. Requires attachment to countertop.
5. Drawers: 3 small, 1 medium.
  - a. Drawer Glides: Self-closing, commercial grade, 100-lb static rating and 90-lb dynamic rating at full extension.
  - b. Drawer Corners: Square.
6. Cabinet base.
7. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

8. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].
- I. Base Cabinet, 1 Drawer, Open Shelf:

Specifier Notes: Specify width in 1-inch increments from 12 to 36 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify standard or ADA height.

2. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
3. Depth: 24 inches.
4. Top: Open. Requires attachment to countertop.
5. Drawers: 1.
  - a. Drawer Glides: Self-closing, commercial grade, 100-lb static rating and 90-lb dynamic rating at full extension.
  - b. Drawer Corners: Square.
6. Shelves: 1, open, fixed.
7. Cabinet base.
8. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

9. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].
- J. Base Cabinet, 1-Drawer Desk:
1. Fits between 2 lower cabinets.

Specifier Notes: Specify width in 1-inch increments from 25 to 36 inches.

2. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify standard or ADA height.

3. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
4. Depth: 24 inches.
5. Top: Open. Requires attachment to countertop.
6. Drawers: 1.
  - a. Drawer Glides: Self-closing, commercial grade, 100-lb static rating and 90-lb dynamic rating at full extension.
  - b. Drawer Corners: Square.
7. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

8. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

K. Base Cabinet, 1-Drawer Desk, End:

1. Fits on end of cabinet run.

Specifier Notes: Specify width in 1-inch increments from 25 to 36 inches.

2. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify standard or ADA height.

3. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
4. Depth: 24 inches.
5. Top: Open. Requires attachment to countertop.
6. Drawers: 1.
  - a. Drawer Glides: Self-closing, commercial grade, 100-lb static rating and 90-lb dynamic rating at full extension.
  - b. Drawer Corners: Square.
7. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

8. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

## 2.4 WALL CASEWORK

A. Wall Cabinet, Open, 1 Adjustable Shelf:

Specifier Notes: Specify width in 1-inch increments from 12 to 36 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify height.

2. Height: [24 inches] [30 inches].

Specifier Notes: Specify top of cabinet height from 80 to 90 inches above finished floor.

3. Top of Cabinet Height Above Finished Floor: \_\_\_\_\_ inches.
4. Depth: 13-1/2 inches.
5. Shelves: 1, open, adjustable in 2-inch increments.
6. Edges: 1/16-inch round over.
7. Attachment: Attached to wall with included rail and adjustable hardware.

B. Wall Cabinet, Single Door, 1 Adjustable Shelf:

Specifier Notes: Specify width in 1-inch increments from 12 to 24 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify height.

2. Height: [24 inches] [30 inches].

Specifier Notes: Specify top of cabinet height from 80 to 90 inches above finished floor.

3. Top of Cabinet Height Above Finished Floor: \_\_\_\_\_ inches.
4. Depth: 14 inches.
5. Doors: 1.
6. Shelves: 1, adjustable in 2-inch increments.
7. Edges: 1/16-inch round over.
8. Attachment: Attached to wall with included cleat.

Specifier Notes: Specify pull type.

9. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify door swing.

10. Door Swing: [Left] [Right].

Specifier Notes: Specify hinge type.

11. Hinge Type: [Institutional knuckle] [Concealed].
12. Concealed hinge is soft close. Institutional hinge has an integrated catch.

C. Wall Cabinet, Single Door, 1 Fixed Open Shelf:

Specifier Notes: Specify width in 1-inch increments from 12 to 24 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify height.

2. Height: [24 inches] [30 inches].

Specifier Notes: Specify top of cabinet height from 80 to 90 inches above finished floor.

3. Top of Cabinet Height Above Finished Floor: \_\_\_\_\_ inches.
4. Depth: 14 inches.
5. Doors: 1.
6. Shelves: 1, fixed, open.
7. Edges: 1/16-inch round over.
8. Attachment: Attached to wall with included cleat.

Specifier Notes: Specify pull type.

9. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify door swing.

10. Door Swing: [Left] [Right].

Specifier Notes: Specify hinge type.

11. Hinge Type: [Institutional knuckle] [Concealed]
12. Concealed hinge is soft close. Institutional hinge has an integrated catch.

D. Wall Cabinet, Double Door, 1 Adjustable Shelf:

Specifier Notes: Specify width in 1-inch increments from 25 to 36 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify height.

2. Height: [24 inches] [30 inches].

Specifier Notes: Specify top of cabinet height from 80 to 90 inches above finished floor.

3. Top of Cabinet Height Above Finished Floor: \_\_\_\_\_ inches.
4. Depth: 14 inches.
5. Doors: 2.
6. Shelves: 1, adjustable in 2-inch increments.
7. Edges: 1/16-inch round over.
8. Attachment: Attached to wall with included cleat.

Specifier Notes: Specify pull type.

9. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify hinge type.

10. Hinge Type: [Institutional knuckle] [Concealed]
11. Concealed hinge is soft close. Institutional hinge has an integrated catch.

E. Wall Cabinet, Double Door, 1 Fixed Open Shelf:

Specifier Notes: Specify width in 1-inch increments from 25 to 36 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify height.

2. Height: [24 inches] [30 inches].

Specifier Notes: Specify top of cabinet height from 80 to 90 inches above finished floor.

3. Top of Cabinet Height Above Finished Floor: \_\_\_\_\_ inches.
4. Depth: 14 inches.
5. Doors: 2.
6. Shelves: 1, fixed, open.
7. Edges: 1/16-inch round over.
8. Attachment: Attached to wall with included cleat.

Specifier Notes: Specify pull type.

9. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify hinge type.

10. Hinge Type: [Institutional knuckle] [Concealed]
11. Concealed hinge is soft close. Institutional hinge has an integrated catch.

## 2.5 SINK CASEWORK

### A. Base Sink Cabinet, Single Door:

Specifier Notes: Specify width in 1-inch increments from 18 to 24 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify standard or ADA height.

2. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
3. Depth: 24 inches.
4. Top: Open. Requires attachment to countertop.
5. Doors: 1.
6. Fixed panel.
7. Cabinet base.
8. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

9. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify door swing.

10. Door Swing: [Left] [Right] [Removable panel].

Specifier Notes: Specify hinge type.

11. Hinge Type: [Institutional knuckle] [Concealed]
12. Concealed hinge is soft close. Institutional hinge has an integrated catch.

### B. Base Sink Cabinet, Double Door:

Specifier Notes: Specify width in 1-inch increments from 25 to 36 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify standard or ADA height.

2. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
3. Depth: 24 inches.
4. Top: Open. Requires attachment to countertop.
5. Doors: 2.
6. Fixed panel.
7. Cabinet base.
8. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

9. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify hinge type.

10. Hinge Type: [Institutional knuckle] [Concealed]
11. Concealed hinge is soft close. Institutional hinge has an integrated catch.

C. Base Sink Cabinet, Wall Mount:

Specifier Notes: Specify width in 1-inch increments from 25 to 36 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify standard or ADA height.

2. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
3. Depth: 23-1/2 inches.
4. Top: Open. Requires attachment to countertop.
5. Attachment: Attached to adjacent casework or alone.
6. Edges: 1/16-inch round over.

## 2.6 UTILITY CASEWORK

A. Utility Cabinet, Open, 4 Adjustable Shelves:

Specifier Notes: Specify width in 1-inch increments from 12 to 30 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify height in 1-inch increments from 80 to 90 inches.

2. Height: \_\_\_\_\_.
3. Depth: 23-1/2 inches.



4. Shelves:
  - a. Adjustable: 4, open, adjustable in 2-inch increments.
  - b. Fixed: 1.
5. Cabinet base.
6. Edges: 1/16-inch round over.

B. Utility Cabinet, Single Door, 4 Adjustable Shelves:

Specifier Notes: Specify width in 1-inch increments from 12 to 30 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify height in 1-inch increments from 80 to 90 inches.

2. Height: \_\_\_\_\_.
3. Depth: 24 inches.
4. Doors: 1.
5. Shelves:
  - a. Adjustable: 4, adjustable in 2-inch increments.
  - b. Fixed: 1.
6. Cabinet base.
7. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

8. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify door swing.

9. Door Swing: [Left] [Right].

Specifier Notes: Specify hinge type.

10. Hinge Type: [Institutional knuckle] [Concealed]
11. Concealed hinge is soft close. Institutional hinge has an integrated catch.

C. Utility Cabinet, Double Door, 4 Adjustable Shelves:

Specifier Notes: Specify width in 1-inch increments from 25 to 30 inches.

1. Width: \_\_\_\_\_ inches.

Specifier Notes: Specify height in 1-inch increments from 80 to 90 inches.

2. Height: \_\_\_\_\_.

3. Depth: 24 inches.
4. Doors: 2.
5. Shelves:
  - a. Adjustable: 4, adjustable in 2-inch increments.
  - b. Fixed: 1.
6. Cabinet base.
7. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

8. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify hinge type.

9. Hinge Type: [Institutional knuckle] [Concealed]
10. Concealed hinge is soft close. Institutional hinge has an integrated catch.

D. Utility Cabinet Top, Open, 2 Adjustable Shelves:

Specifier Notes: Specify width in 1-inch increments from 12 to 30 inches.

1. Width: \_\_\_\_\_ inches.
2. Bottom: Requires attachment to Utility Cabinet Base.

Specifier Notes: Specify height of corresponding Utility Cabinet Base as standard or ADA height.

3. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.

Specifier Notes: Specify top of cabinet height from 80 to 90 inches above finished floor.

4. Top of Cabinet Height Above Finished Floor: \_\_\_\_\_ inches.
5. Depth: 23-1/2 inches.
6. Shelves:
  - a. Adjustable: 2, open, adjustable in 2-inch increments.
  - b. Fixed: 1.
7. Cabinet top.
8. Edges: 1/16-inch round over.

E. Utility Cabinet Top, Single Door, 2 Adjustable Shelves:

Specifier Notes: Specify width in 1-inch increments from 12 to 30 inches.

1. Width: \_\_\_\_\_ inches.
2. Bottom: Requires attachment to Utility Cabinet Base.

Specifier Notes: Specify height of corresponding base utility as standard or ADA height.

3. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.

Specifier Notes: Specify top of cabinet height from 80 to 90 inches above finished floor.

4. Top of Cabinet Height Above Finished Floor: \_\_\_\_\_ inches.
5. Depth: 24 inches.
6. Doors: 1.
7. Shelves:
  - a. Adjustable: 2, adjustable in 2-inch increments.
  - b. Fixed: 1.
8. Cabinet top.
9. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

10. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify door swing.

11. Door Swing: [Left] [Right].

Specifier Notes: Specify hinge type.

12. Hinge Type: [Institutional knuckle] [Concealed]
13. Concealed hinge is soft close. Institutional hinge has an integrated catch.

F. Utility Cabinet Top, Double Door, 2 Adjustable Shelves:

Specifier Notes: Specify width in 1-inch increments from 12 to 30 inches.

1. Width: \_\_\_\_\_ inches.
2. Bottom: Requires attachment to Utility Cabinet Base.

Specifier Notes: Specify height of corresponding base utility as standard or ADA height.

3. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.

Specifier Notes: Specify top of cabinet height from 80 to 90 inches above finished floor.

4. Top of Cabinet Height Above Finished Floor: \_\_\_\_\_ inches.
5. Depth: 24 inches.
6. Doors: 2.

7. Shelves:
  - a. Adjustable: 2, adjustable in 2-inch increments.
  - b. Fixed: 1.
8. Cabinet top.
9. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

10. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify hinge type.

1. Hinge Type: [Institutional knuckle] [Concealed]
2. Concealed hinge is soft close. Institutional hinge has an integrated catch.

G. Utility Cabinet Base, Single Door, 1 Adjustable Shelf:

Specifier Notes: Specify width in 1-inch increments from 12 to 24 inches.

1. Width: \_\_\_\_\_ inches.
2. Top: Requires attachment to Utility Cabinet Top.

Specifier Notes: Specify standard or ADA height.

3. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
4. Depth: 24 inches.
5. Doors: 1.
6. Shelves: 1, adjustable in 2-inch increments.
7. Cabinet base.
8. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

9. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify door swing.

10. Door Swing: [Left] [Right].

Specifier Notes: Specify hinge type.

11. Hinge Type: [Institutional knuckle] [Concealed]
12. Concealed hinge is soft close. Institutional hinge has an integrated catch.

H. Utility Cabinet Base, Double Door, 1 Adjustable Shelf:

Specifier Notes: Specify width in 1-inch increments from 25 to 30 inches.

1. Width: \_\_\_\_\_ inches.
2. Top: Requires attachment to Utility Cabinet Top.

Specifier Notes: Specify standard or ADA height.

3. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
4. Depth: 24 inches.
5. Doors: 2.
6. Shelves: 1, adjustable in 2-inch increments.
7. Cabinet base.
8. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

9. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

Specifier Notes: Specify hinge type.

10. Hinge Type: [Institutional knuckle] [Concealed]
11. Concealed hinge is soft close. Institutional hinge has an integrated catch.

I. Utility Cabinet Base, 2 Drawer:

Specifier Notes: Specify width in 1-inch increments from 12 to 30 inches.

1. Width: \_\_\_\_\_ inches.
2. Top: Requires attachment to Utility Cabinet Top.

Specifier Notes: Specify standard or ADA height.

3. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
4. Depth: 24 inches.
5. Drawers: 2.
  - a. Drawer Glides: Self-closing, commercial grade, 100-lb static rating and 90-lb dynamic rating at full extension.
  - b. Drawer Corners: Square.
6. Cabinet base.
7. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

8. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

J. Utility Cabinet Base, 3 Drawer:

Specifier Notes: Specify width in 1-inch increments from 12 to 30 inches.

1. Width: \_\_\_\_\_ inches.
2. Top: Requires attachment to Utility Cabinet Top.

Specifier Notes: Specify standard or ADA height.

3. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
4. Depth: 24 inches.
5. Drawers: 1 small, 2 medium.
  - a. Drawer Glides: Self-closing, commercial grade, 100-lb static rating and 90-lb dynamic rating at full extension.
  - b. Drawer Corners: Square.
6. Cabinet base.
7. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

8. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

K. Utility Base Cabinet, 4 Drawer:

Specifier Notes: Specify width in 1-inch increments from 12 to 30 inches.

1. Width: \_\_\_\_\_ inches.
2. Top: Requires attachment to Utility Cabinet Top.

Specifier Notes: Specify standard or ADA height.

3. Height: [Standard, 36 inches] [ADA, 34 inches] to top of 1.5-inch countertop.
4. Depth: 24 inches.
5. Drawers: 3 small, 1 medium.
  - a. Drawer Glides: Self-closing, commercial grade, 100-lb static rating and 90-lb dynamic rating at full extension.
  - b. Drawer Corners: Square.
6. Cabinet base.
7. Edges: 1/16-inch round over.

Specifier Notes: Specify pull type.

8. Pull Type: [Standard, p1, wire] [p2, bend] [p3, bow] [p4, curve] [p5, contemporary].

## **2.7 FABRICATION**

- A. Shop fabricate solid surface healthcare casework.
- B. Fabricate seams in solid surface healthcare casework to appear virtually seamless.

## **2.8 FINISHES**

Specifier Notes: Specify color for solid surface healthcare casework here or in the Healthcare Casework Schedule. Choose from manufacturer's standard colors.

- A. Color: \_\_\_\_\_.
- B. Solid surface healthcare casework of same color from same production batch.

## **2.9 ACCESSORIES**

Specifier Notes: Specify optional accessories here or in the Healthcare Casework Schedule. Delete accessories not required.

- A. Additional Adjustable Shelves: For base, wall, and utility casework.
- B. Sloped Tops: For wall and utility casework.
- C. Soffits: For wall and utility casework.
- D. Keyed Locks: For casework doors and drawers.

## **2.10 SOURCE QUALITY CONTROL**

- A. Visual Inspection of Solid Surface Material: Do not shop fabricate solid surface healthcare casework that does not pass visual inspection of solid surface material at supplier's factory.
  - 1. Warping: Less than 1/8 inch per 10 feet of material.
  - 2. Foreign Particles: Less than 0.005 inch.
  - 3. Color Match: Same lot.
  - 4. White Spots: Less than 3 visible particles per sheet.
  - 5. Discoloration: None.
  - 6. Particle Distribution: Even distribution.
  - 7. Pit Holes: None.
  - 8. Uneven Sanding: None.
  - 9. Hairline Cracks: None.
  - 10. Concave: None.

## **PART 3 EXECUTION**

### **3.1 EXAMINATION**

- A. Examine areas and substrates to receive solid surface healthcare casework.

- B. Verify surfaces to support solid surface healthcare casework are clean, dry, flat, level, plumb, stable, rigid, and capable of supporting the weight.
- C. Notify Architect of conditions that would adversely affect installation or subsequent use.
- D. Do not begin installation until unacceptable conditions are corrected.

### **3.2 INSTALLATION**

- A. Install solid surface healthcare casework in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Acclimate solid surface healthcare casework to room temperature before installation.
- C. Install solid surface healthcare casework plumb, level, and square.
- D. Anchor solid surface healthcare casework securely in place to supports.
- E. Install countertops on base [and sink] casework as specified in Section [12 36 00] [\_\_\_\_\_].

### **3.3 ADJUSTING**

- A. Adjust operating hardware to operate smoothly without binding.
- B. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- C. Remove and replace with new material, damaged components that cannot be successfully repaired, as determined by Architect.

### **3.4 CLEANING**

- A. Clean solid surface healthcare casework promptly after installation in accordance with manufacturer's instructions.
- B. Remove surface scratches in accordance with manufacturer's instructions.
- C. Do not use harsh cleaning materials or methods that could damage finish.

### **3.5 PROTECTION**

- A. Protect installed solid surface healthcare casework from dirt, stains, cracks, scratches, and other damage during construction.
- B. Do not use installed solid surface healthcare casework as work surfaces or storage during construction.



Specifier Notes: Delete the Healthcare Casework Schedule if not required for the project or if the schedule is on the Drawings. Coordinate the schedule with the information in Part 2 – Products.

### **3.6 SCHEDULES**

- A. Healthcare Casework Schedule:

**END OF SECTION**