

Definition of Standard Workstation Systems For Use in LEED-CI MR Credit 4.1 and 4.2 (Recycled Content)

A2.1 Required workstation surface areas

Table A2.1 Required Standard Workstation Surface Areas

<i>Workstation System Type</i>	<i>Panel Area</i>	<i>Work Surface Area</i>	<i>Storage Total External Area</i>	<i>Total Workstation Area</i>
Open Plan	11.08 m ² (119.3 ft ²)	6.103 m ² (65.69 ft ²)	4.569 m ² (49.18 ft ²)	21.76 m ² (234.2 ft ²)
Private Office	7.633 m ² (82.16 ft ²)	6.734 m ² (72.48 ft ²)	10.55 m ² (113.6 ft ²)	24.92 m ² (268.3 ft ²)

The total surface area of each workstation parameter shall be within $\pm 5\%$ of the values listed and the total Workstation Area, defined as the total of Panel Area, Work Surface Area, and Storage Area, shall also be within $\pm 5\%$ of the total workstation areas shown above.

To Calculate Panel Area:

Total the surface of both faces of panels, ignore edges, assume all panel surface is exposed. For Freestanding workstation types with desk and casegood furniture, treat modesty panels, desk screens, gables, and end panels of desks/returns as panels.

To Calculate Worksurface Area:

Total the surface area of the top and bottom of work surfaces, ignore edges.

To Calculate Storage External Area:

For flipper door overhead storage cabinets, drawer pedestals, lateral files, and wardrobe cabinets total the surface area of all six sides. For drawer pedestals or lateral files where the top surface is covered by work surface, subtract the area of the pedestal or lateral top, i.e. total five sides of the "box". For shelves, count the total exposed horizontal surface area (top and bottom) without edges, ignore end panel structures or supports.

To Calculate Storage Frontal Area:

For flipper door overhead storage cabinets, drawer pedestals, lateral files, and wardrobe cabinets total the surface area of the front face of the product.

Figure A2.2.2 illustrates a representative Open Plan - *Panel Based* workstation system with its components and quantity listed in Table A2.2.2. These component sizes and combinations represent a second example that can be used to achieve the total surface area requirements specified in Table A2.1. Other combinations are acceptable if they result in surface areas for each workstation parameter that are within $\pm 5\%$ of the requirements specified in Table A2.1 and if the total area is within $\pm 5\%$ of the requirements specified in Table A2.1.

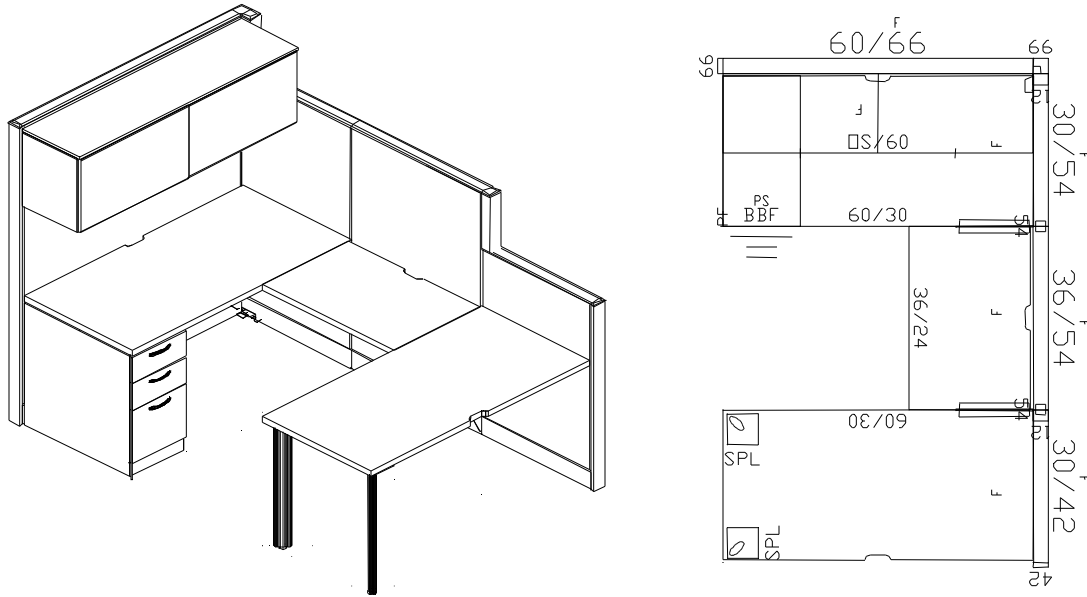
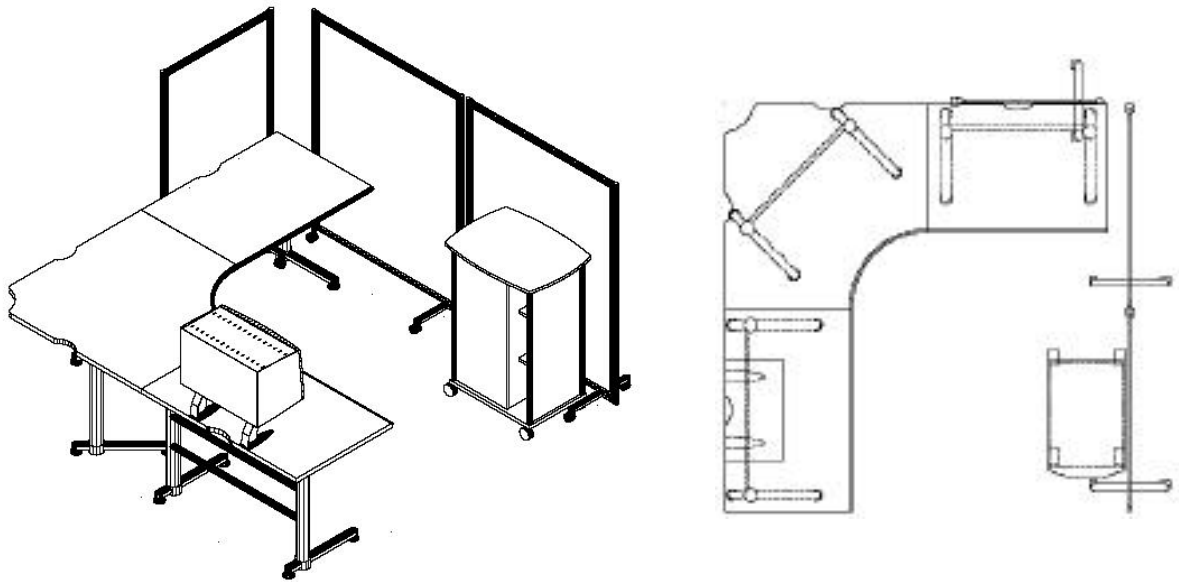


Figure A2.2.2 Example 2
A Standard Open Plan *Panel-Based* Workstation System

Table A2.2.2 Example 2
Components of a Standard Open Plan *Panel-Based* Workstation for Emission Testing

Quantity	Description with Nominal Dimensions	Configuration During Test
2	Work Surface, Rectangular, 0.762 m x 1.52 m (30 in x 60 in)	Assembled
1	Work Surface, Rectangular, 0.610 m x 0.914 m (24 in x 36 in)	Assembled
1	Panel, 1.52 m wide x 1.68 m high (60 in x 66 in)	Assembled
1	Panel, 0.762 m wide x 1.37 m high (30 in x 54 in)	Assembled
1	Panel, 0.914 m wide x 1.37 m high (36 in x 54 in)	Assembled
1	Panel, 0.762 m wide x 1.067 m high (30 in x 42 in)	Assembled
1	Overhead Storage Bin, 1.52 m x 0.401 m x 0.406 m (60 in x 15.8 in x 16 in)	Assembled, Door Closed
1	Pedestal File, 0.762 m deep x 0.686 m high x 0.381 wide (30 in deep x 27 in high x 15 in wide)	Assembled under Work Surface, Drawers Closed

Figure A2.2.3 illustrates a representative Open Plan - *Panel Based* workstation system with its components and quantity listed in Table A2.2.3. These component sizes and combinations represent a third example that can be used to achieve the total surface area requirements specified in Table A2.1. Other combinations are acceptable if they result in surface areas for each workstation parameter that are within $\pm 5\%$ of the requirements specified in Table A2.1 and if the total area is within $\pm 5\%$ of the requirements specified in Table A2.1.



**Figure A2.2.3 Example 3
A Standard Open Plan Workstation System**

**Table A2.2.3 Example 3
Components of a Standard Open Plan Workstation System for Emission Testing**

Quantity	Description with Nominal Dimensions	Configuration During Test
1	Rectangular Table/Desk 0.762 m x 1.22 m (30 in x 48 in)	Assembled
1	Rectangular Table/Desk 0.762 m x 1.07 m (30 in x 42 in)	Assembled
1	Corner Table/Desk 1.22m x 1.22 m x 1.07 m (48 in x 48 in x 30 in)	Assembled
1	Mobile Storage Cabinet, 0.508 m x 0.762 m x 1.07 m (20 in x 30 in x 42 in)	Assembled, Drawers and Doors Closed
1	Desk Mounted Storage Unit, 0.406 m x 0.406 m x 0.610 m (16 in x 16 in x 24 in)	Assembled, Doors Closed
2	Mobile Screen / Panel, 1.22 m x 1.63 m (48 in x 64 in)	Assembled
1	Mobile Screen / Panel, 0.914 m x 1.63 m (36 in x 64 in)	Assembled

Figure A2.2.4 illustrates a representative Open Plan workstation system that represents a fourth example that can be used to achieve the total surface area requirements specified in Table A2.1. Other combinations are acceptable if they result in surface areas for each workstation parameter that are within $\pm 5\%$ of the requirements specified in Table A2.1 and if the total area is within $\pm 5\%$ of the requirements specified in Table A2.1.

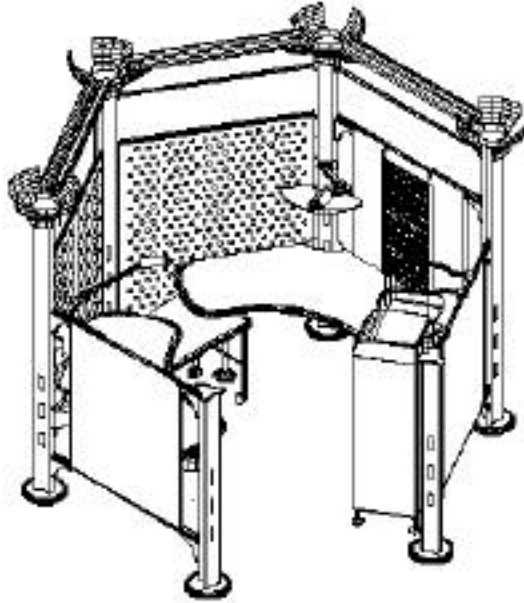
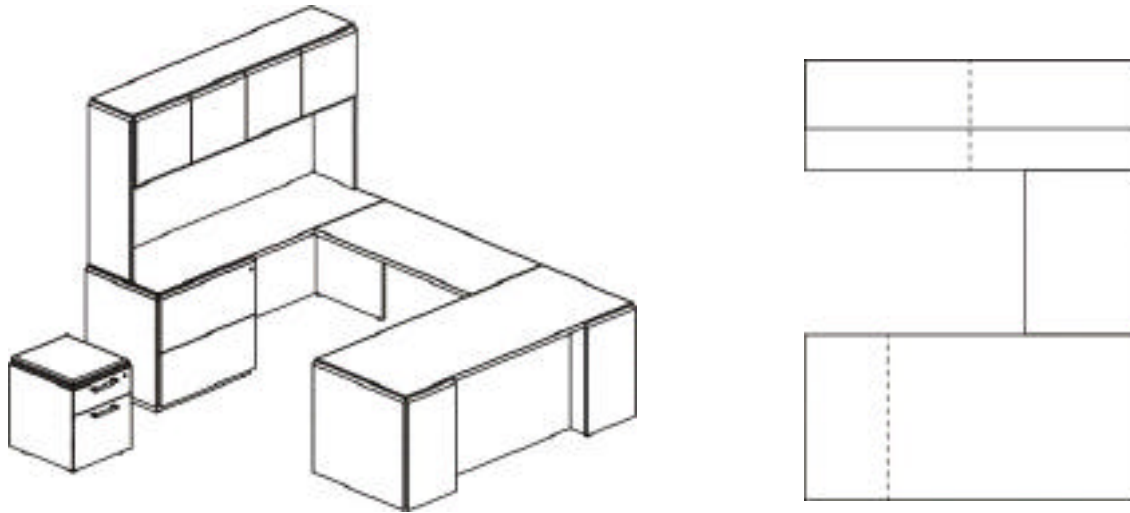


Figure A2.2.4 Example 4
A Standard Open Plan Workstation System That Can Be Configured
to Meet the Area Requirements of Table A2.1

Figure A2.2.5 illustrates a representative Private Office *Freestanding Casegoods* workstation system with its components and quantity listed in Table A2.2.5. These component sizes and combinations represent one example that can be used to achieve the total surface area requirements specified in Table A2.1. Other combinations are acceptable if they result in surface areas for each workstation parameter that are within $\pm 5\%$ of the requirements specified in Table A2.1 and if the total area is within $\pm 5\%$ of the requirements specified in Table A2.1.



**Figure A2.2.5 Example 1
A Standard Private Office *Freestanding Casegoods* Workstation System**

**Table A2.2.5 Example 1
Components of a Standard Private Office Freestanding Casegoods Workstation System for Emission Testing (13.38 m² or 144 ft² footprint)**

Quantity	Description with Nominal Dimensions	Configuration During Test
- 1 1 1 1	Single Pedestal Desk: Worksurface, 1.83 m x 0.914 m (72 in x 36 in) Pedestal, 0.457 m x 0.762 x 0.686 m (18 in x 30 in x 27 in) Modesty Panel, 1.37 m x 0.686 m (54 in x 27 in) End Panel, 0.914 m x 0.686 m (36 in x 27 in)	Assembled, Drawers Closed
- 1 1 1 1	Single Pedestal Credenza: Worksurface, 1.83 m x 0.610 m (72 in x 24 in) Modesty Panel, 0.914 m x 0.686 m (36 in x 27 in) Lateral File, 0.914 m x 0.610 m x 0.686 m (36 in x 24 in x 27 in) End Panel, 0.610 m x 0.686 m (24 in x 27 in)	Assembled, Drawers Closed
1	Bridge Unit Worksurface, 0.610 m x 0.914 m (24 in x 36 in)	Assembled
- 1 2 1	Hutch Storage Unit w/Doors: Storage Area, 1.83 m x 0.381 m x 0.457 m (72 in x 15 in x 18 in) End Panel, 0.381 m x 0.508 m (15 in x 20 in) Back Panel, 1.83 m x 0.508 m (72 in x 20 in)	Assembled, Doors Closed
1	Mobile Pedestal, 0.457 m wide x 0.584 m deep x 0.686 m high (18 in wide x 23 in deep x 27 in high)	Assembled, Drawers Closed

Figure A2.2.6 illustrates a representative Private Office *Freestanding* workstation system with its components and quantity listed in Table A2.2.6. These component sizes and combinations represent a second example that can be used to achieve the total surface area requirements specified in Table A2.1. Other combinations are acceptable if they result in surface areas for each workstation parameter that are within $\pm 5\%$ of the requirements specified in Table A2.1 and if the total area is within $\pm 5\%$ of the requirements specified in Table A2.1.

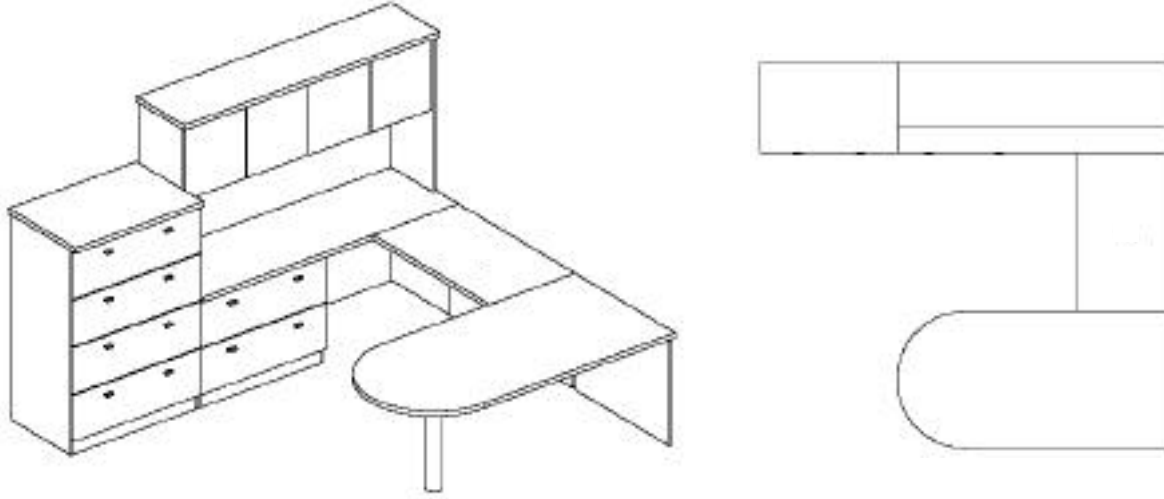


Figure A2.2.6 Example 2
A Standard Private Office *Freestanding* Casegoods Workstation System

Table A2.2.6 Example 2
Components of a Standard Private Office *Freestanding* Casegoods Workstation System for Emission Testing (13.38 m² or 144 ft² footprint)

Quantity	Description with Nominal Dimensions	Configuration During Test
1	Peninsula Work Surface, 1.83 m x 0.914 m (72 in x 36 in)	Assembled
1	End Panel Support, 0.914 m x 0.686 m (36 in x 27 in)	
1	Bridge Work Surface, 1.067 m x 0.610 m (42 in x 24 in)	Assembled
1	Back Panel Support, 1.067 m x 0.686 m (42 in x 27 in)	
1	Credenza Work Surface, 1.83 m x 0.610 m (72 in x 24 in)	Assembled, Drawers Closed
1	Back Panel, 0.914 m x 0.686 m (36 in x 27 in)	
1	End Panel, 0.610 m x 0.686 m (24 in x 27 in)	
1	Lateral File, 0.914 m wide x 0.686 m high x 0.457 m deep (36 in wide x 27 in high x 18 in deep)	
1	Lateral File, 0.914 m wide x 1.35 m high x 0.457 m deep (36 in wide x 53 in high x 18 in deep)	Drawers Closed
1	Hutch, 0.965 m high x 1.83 m wide x 0.381 m deep (38 in high x 72 in wide x 15 in deep)	Doors closed