

# Design Submission Requirements DSG-3.4 Freestanding Birth Center Facilities

<b>REQUIRED ELEMENTS FOR FREESTANDING BIRTH CENTERS</b>							
Guidelines for Design and Construction of Hospitals and Outpatient Facilities (FGI 2014)							
ANSI/ASHRAE/ASHE Standard 170-2013, Ventilation of Health Care Facilities (ASHRAE)							
Code Reference Category							
Phase		Code Section	Component/Requirements	Complies	Comments		
Schematic	Design Development						
<b>3.4-2 Birth Center Facilities</b>							
•	•	3.4-2.2	<b>Birth Room</b>	<b>Required</b>			
•	•	3.4-2.2.1	Beds per room	1 max			
•	•	3.4-2.2.2.1	Area	200 S.F.			
•	•	3.4-2.2.2.2	Clear Room Dimension	12'-0" min			
•	•	3.4-2.2.6.1	Handwashing Station	<b>Required</b>			
•	•	3.4-2.2.3	Window to outdoors	<b>Required</b>			
•	•	3.4-2.2.4	Provisions for privacy				
•	•	3.4-8.4.1, Table 3.1-3	Med Gas Station Outlets *Portable Allowed	O <sup>2</sup>	1*		
•	•			Vac	1*		
•	•			Medical Air	N/R		
•	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	N/R			
•	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	2			
•	•	ASHRAE 7.1	Min. Total Air Changes / Hour	6			
•	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	N/R			
•	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	N/R			
•	•	ASHRAE 7.1	Relative Humidity (%)	60 max			
•	•	ASHRAE 7.1	Design Temperature (°F)	70-75			
•	•	3.4-2.2.6	<b>Bathroom – direct access from Birthing Room</b>	<b>Required</b>			
•	•	3.4-2.2.6.1	Handwashing Station	<b>Required</b>			
•	•	3.4-2.2.6.2	Toilet	<b>Required</b>			
•	•	3.4-2.2.6.3	Shower or tub	<b>Required</b>			
•	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Negative			
•	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	N/R			
•	•	ASHRAE 7.1	Min. Total Air Changes / Hour	10			
•	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	Yes			
•	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	No			
•	•	ASHRAE 7.1	Relative Humidity (%)	N/R			
•	•	ASHRAE 7.1	Design Temperature (°F)	72-78			
•	•	3.4-2.3	<b>Newborn Care Area – if provided</b>				
<b>3.4-2.6 Support Areas for the Birth Center</b>							
•	•	3.4-2.6.1	<b>Reception and Administration</b>	<b>Required</b>			

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•	•	3.4-2.6.2	<b>Staff Work Area</b>	Required		
•	•	3.4-2.6.2	Counters and work area	Required		
•	•	3.4-2.6.5	Hand-wash station	Required		
•	•	3.4-2.6.3	<b>Office</b>	Required		
•	•	3.4-2.6.6, 3.1-3.6.6	<b>Medication Preparation Room</b> *Select medication preparation room <b>and/or</b> Self-contained medication dispensing unit	Required *		
•	•	3.1-3.6.6	Work counter	Required		
•	•	3.1-3.6.6	Hand-washing station	Required		
•	•	3.1-3.6.6	Lockable refrigerator	Required		
•	•	3.1-3.6.6	Locked storage for controlled drugs	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	N/R		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	2		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	4		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	N/R		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	N/R		
	•	ASHRAE 7.1	Relative Humidity (%)	60		
	•	ASHRAE 7.1	Design Temperature (°F)	72-75		
•	•	3.4-2.6.6, 3.1-3.6.6	<b>Self-contained medication dispensing unit</b> *Select medication preparation room <b>and/or</b> Self-contained medication dispensing unit	Required *		
•	•	3.1-3.6.6	Hand-washing station/sanitation *Located next to dispensing unit.	Required *		
•	•	3.4-2.6.7, 3.1-3.6.7	<b>Nourishment Facilities – if provided</b>	Required*		
•	•	3.1-3.6.7(1)	Hand-wash station *Directly accessible	Required*		
•	•	3.1-3.6.7(2)	food preparation sink	Required		
•	•	3.1-3.6.7(3)	Work counter	Required		
•	•	3.1-3.6.7(4)	Storage	Required		
•	•	3.1-3.6.7(5)	Fixtures and appliances	Required		
•	•	3.4-2.6.7.1	Space for trays and dishes	Required		
•	•	3.4-2.6.7.2	Space for soiled trays and dishes	Required		
•	•	3.4-2.6.8	<b>Ice Making Equipment</b> *permitted in the clean workroom or in the nourishment area	Required*		
•	•	3.4-2.6.9	<b>Clean Workroom</b> *Clean and Soiled Rooms Must Be Separate	Required		
•	•	3.4-2.6.9.2(1)	Counter *If preparing items for mothers and newborns or clean supplies	Required*		
•	•	3.4-2.6.9.2(2)	Hand-washing Station *If preparing items for mothers and newborns or clean supplies	Required*		
•	•	3.4-2.6.9.2(3)	Supply Storage *If preparing items for mothers and newborns or clean supplies	Required*		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Positive		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	2		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	4		

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	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	N/R		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	No		
	•	ASHRAE 7.1	Relative Humidity (%)	60 max		
	•	ASHRAE 7.1	Design Temperature(°F)	72-78		
•	•	<b>3.4-2.6.10</b>	<b>Soiled Workroom or Soiled Holding Room</b>	<b>Required</b>		
•	•	3.4-2.6.10.1	Work surface(s) *Not required in soiled holding	<b>Required*</b>		
•	•	3.4-2.6.10.1, 3.4-2.6.10.2	Holding areas for trash, linen, and other contaminated waste	<b>Required</b>		
•	•	3.4-2.6.10.1	Fluid Waste Disposal - Clinical sink or equivalent *Not required in soiled holding if located in birthing room toilet	<b>Required*</b>		
•	•	3.4-2.6.10.1, 3.4-2.6.10.2	Hand-washing station	<b>Required</b>		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Negative		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	2		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	10		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	Yes		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	No		
	•	ASHRAE 7.1	Relative Humidity (%)	N/R		
	•	ASHRAE 7.1	Design Temperature(°F)	N/R		
•	•	<b>3.4-2.6.11</b>	<b>Clean Linen Storage Area</b>	<b>Required</b>		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Positive		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	N/R		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	2		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	N/R		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	N/R		
	•	ASHRAE 7.1	Relative Humidity (%)	N/R		
	•	ASHRAE 7.1	Design Temperature (°F)	72-78		
•	•	<b>3.4-2.6.12</b>	<b>Environmental Services Room</b>	<b>Required</b>		
•	•	3.1-5.5.1.1	Number per floor	1		
•	•	3.4-2.6.12.2(1)	Service or floor mounted sink	<b>Required</b>		
•	•	3.4-2.6.12.2(2)	Storage for supplies and housekeeping equipment	<b>Required</b>		
•	•	3.1-5.5.1.2	hand-washing station or hand sanitation dispenser	<b>Required</b>		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Negative		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	N/R		
	•	ASHRAE 7.1, 3.4-8.2.1	Min. Total Air Changes / Hour	10		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	Yes		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	No		
	•	ASHRAE 7.1	Relative Humidity (%)	N/R		
	•	ASHRAE 7.1	Design Temperature (°F)	N/R		
•	•	<b>3.4-2.6.13, 3.1-3.2.2</b>	<b>General Purpose Examination/Observation Room(s) – if provided</b>			
•	•	3.1-3.2.2.2(1)	Area	80 S.F. min		
•	•	3.1-3.2.2.2(2)	Clearances at table	@ both sides and foot of table, recliner or chair	2'-8"	
•	•	3.1-3.2.2.3	Handwashing Station	<b>Required</b>		

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•	•	3.1-3.2.2.4	Documentation Area (Written or Electronic)	<b>Required</b>		
•	•	Table 3.1-1	Electrical Receptacles	Total number	8 Single	
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	# head of exam table	4 min	
	•	ASHRAE 7.1	Min. Outdoor Air Changes /Hour		N/R	
	•	ASHRAE 7.1	Min. Total Air Changes /Hour		2	
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoor		6	
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units		N/R	
	•	ASHRAE 7.1	Relative Humidity (%)		N/R	
	•	ASHRAE 7.1	Design Temperature (°F)		60 max	
	•	ASHRAE 7.1			70-75	
<b>3.4-2.7 Support Areas for Staff</b>						
•	•	3.4-2.7.1	Staff Changing Room – if provided			
•	•	3.4-2.7.1	Shower	<b>Required</b>		
•	•	3.4-2.7.2	Staff Lounge	<b>Required</b>		
•	•	3.4-2.7.3	Staff Toilet Room	<b>Required</b>		
•	•	3.4-2.7.4	Staff Storage Locations	<b>Required</b>		
<b>3.4-4 Patient Support Facilities</b>						
<b>3.4-4.3 Food and Nutrition Services</b>						
•	•	3.4-4.3.2	On-Site Food Service – If provided			
•	•	3.4-4.3.2.2	Vending services			
	•	3.4-4.3.2.2(1)	coin-operated machines			
	•	3.4-4.3.2.2(1)	bill changers			
•	•	3.4-4.3.2.2(1)	hand-washing station			
•	•	3.4-4.3.2.2(1)	sitting area			
•	•	3.4-4.3.2.2(2)	Facilities for servicing and sanitizing the machines			
<b>3.4-7, 3.1-7 Design and Construction Requirements</b>						
<b>3.1-7.2 Architectural Details, Surfaces, And Furnishings</b>						
•	•	3.4-7.2.1.1	Corridor width		See NFPA LSC	
•	•	3.1-7.2.2.2	Ceiling Heights	Unoccupied and corridors	7'-6"	
•	•			Occupied Rooms	7'-10"	
•	•	3.1-7.2.2.2	Ceiling Mounted Equipment	Stowed	7'-0"	
•	•			Circulation	7'-6"	
•	•	3.1-7.2.2.3	Doors	height	83.5 inches	
•	•			Width where wheeled bed stretchers are used	45.5 inches	
•	•			Width at other locations	See NFPA LSC	
	•	3.1-7.2.3.1	Floor Finishes	Cleanable and wear resistant	<b>Required</b>	
	•			Smooth transitions	<b>Required</b>	
	•			Germicide/chemical resistant	<b>Required</b>	
	•	3.1-7.2.3.2	Wall Finishes *only in areas of wet spray or splatter	Washable	<b>Required</b>	
	•			Smooth	<b>Required</b>	
	•			Germicide/chemical resistant	<b>Required</b>	
	•			Monolithic or sealed seams	<b>Required*</b>	
	•			Scrubbable	<b>Required*</b>	
	•	Smooth	<b>Required*</b>			
	•		Water resistant	<b>Required*</b>		

# Design Submission Requirements DSG-3.4 Freestanding Birth Center Facilities

3.4-8, 3.1-8 Building Systems						
3.1-8.2 Ventilation and Space-Conditioning Requirements						
	•	ASHRAE 6.4	Administrative; bulk storage; soiled holding spaces; food preparation spaces; and laundries	Filter Bank No. 1 (MERV)	7	
	•	ASHRAE 6.4		Filter Bank No. 2 (MERV)	NR	
	•	ASHRAE 6.4	All other outpatient spaces	Filter Bank No. 1 (MERV)	7	
	•	ASHRAE 6.4		Filter Bank No. 2 (MERV)	NR	
1.2-5 Planning and Design Considerations and Requirements						
1.2-5.1.5 Design Criteria for Performance of Interior Wall and Floor/Ceiling Constructions						
	•	1.2-5.1.5.2	Minimum STC rating for demising walls See Table 1.2-6	Required		
		<b>Table 1.2-6</b>	<b>Design Criteria for Minimum Sound Isolation Performance Between Enclosed Rooms</b>			
	•	Exam room	Adjacent to:	Corridor (with entrance)	35 STC	
	•			Public space	50 STC	
	•			Exam Room (no electronic masking)	50 STC	
	•			Exam Room (with electronic masking)	40 STC	
	•			MRI Room	60 STC	
	•	Treatment Room	Adjacent to:	Room	50 STC	
	•			Corridor	35 STC	
	•	Toilet Room	Adjacent to:	Public space	45 STC	
	•	Consultation Room	Adjacent to:	Public space	50 STC	
	•			Patient Rooms	50 STC	
	•			Corridor (with entrance)	35 STC	
	•	Public space	Adjacent to:	MRI Room	50 STC	