

Contents

Preface	xv	2.2 Nomenclature	
Major Additions and Revisions	xix	2.3 Use	
Acknowledgments	xxiv	1.2-3 Sustainable Design	18
Part 1 General	1	3.1 Components	
1.1 Introduction	3	1.3 Site	21
1.1-1 General Considerations	3	1.3-1 General Considerations	21
1.1 Applicability		1.1 Applicability	
1.2 About This Document		1.3-2 Location	21
1.3 How to Use These Guidelines		2.1 Access	
1.1-2 Interpretation of Requirements	5	2.2 Availability of Transportation	
2.1 Purpose of Interpretation		2.3 Security	
2.2 Requesting an Interpretation		2.4 Availability of Utilities	
1.1-3 Renovation	5	1.3-3 Facility Site Design	21
3.1 Compliance Requirements		3.1 Roads	
3.2 Affected Areas		3.2 Pedestrian Walkways	
3.3 Unaffected Areas		3.3 Parking	
3.4 Functional Requirements and Safety		3.4 Emergency Access	
3.5 Conversion		1.3-4 Environmental Pollution Control	21
3.6 Undiminished Safety		4.1 Environmental Pollution	
3.7 Long-Range Improvement		4.2 Mercury Elimination	
1.1-4 Design Standards for the Disabled	6	1.4 Equipment	24
4.1 Federal Standards		1.4-1 General Considerations	24
4.2 State and Local Standards		1.1 Applicability	
4.3 Special Needs in Health Care Facilities		1.2 Equipment List	
1.1-5 Provisions for Disasters	7	1.3 Drawing Requirements	
5.1 Needs Assessment		1.4-2 Equipment Classification	
5.2 NBC Hazards Control		2.1 Building Service Equipment	
5.3 Wind- and Earthquake-Resistant Design for New Buildings		2.2 Fixed Equipment	
5.4 Flood Protection		2.3 Movable Equipment	
5.5 Emergency Supply Storage		1.4-3 Equipment Requirements	24
1.1-6 National Standards for the Protection of Certain Health Information	9	3.1 Major Technical Equipment	
6.1 HIPAA		3.2 Electronic Equipment	
1.1-7 Codes and Standards	9	1.4-4 Space Requirements	25
7.1 Safe Environment		4.1 Fixed and Building Service Equipment	
7.2 Code Compliance		4.2 Movable Equipment	
7.3 Equivalency		1.5 Planning, Design, and Construction	26
7.4 English/Metric Measurements		1.5-1 General Considerations	26
7.5 Referenced Codes and Standards		1.1 Applicability	
1.2 Environment of Care	15	1.2 Environment of Care Considerations	
1.2-1 General Considerations	15	1.3 Design Process and Implementation	
1.1 Applicability		1.5-2 Infection Control Risk Assessment Process	26
1.2 Framework for Health Facility Design		2.1 General	
1.2-2 Functional Program	15	2.2 ICRA Considerations	
2.1 Requirements		2.3 Infection Control Risk Mitigation	
		1.5-3 Renovation	28
		3.1 Phasing	
		3.2 Isolation	

3.3	Maintenance of Air Quality and Utilities		
3.4	Nonconforming Conditions		
1.5-4	Commissioning	28	
4.1	Mechanical Systems		
1.5-5	Record Drawings and Manuals	29	
5.1	Drawings		
5.2	Equipment Manuals		
5.3	Design Data		
1.6	Common Requirements	31	
1.6-1	General Considerations	31	
1.1	Applicability		
1.6-2	Building Systems	31	
2.1	Plumbing		
2.2	Heating, Ventilating, and Air-Conditioning Systems		
2.3	Electrical Systems		
Part 2 – Hospitals		35	
2.1	General Hospitals	37	
2.1-1	General Considerations	37	
1.1	Applicability		
1.2	Functional Program		
1.3	Site		
2.1-2	Common Elements	37	
2.1	General		
2.2	Patient Rooms or Care Areas		
2.3	Support Areas for Patient Care		
2.4	Support Areas for Staff		
2.1-3	Nursing Locations	39	
3.1	Medical/Surgical Nursing Units		
3.2	Special Patient Care Areas		
3.3	Intermediate Care Areas		
3.4	Critical Care Units		
3.5	Postpartum Units		
3.6	Nurseries		
3.7	Pediatric and Adolescent Unit		
3.8	Psychiatric Nursing Unit		
3.9	In-Hospital Skilled Nursing Unit		
2.1-4	Obstetrical Facilities	63	
4.1	General		
4.2	Postpartum Unit		
4.3	Cesarean/Delivery Suite		
4.4	LDR and LDRP Rooms		
2.1-5	Diagnostic and Treatment Locations	68	
5.1	Emergency Service		
5.2	Freestanding Emergency Service		
5.3	Surgery		
5.4	Interventional Imaging Facilities		
5.5	Imaging Suite		
5.6	Nuclear Medicine		
5.7	Rehabilitation Therapy Department		
5.8	Respiratory Therapy Department		
5.9	Renal Dialysis Unit		
5.10	Hyperbaric Suite		
5.11	Laboratory Suite		
5.12	Morgue		
2.1-6	Service Areas		99
6.1	Pharmacy		
6.2	Dietary Facilities		
6.3	Central Services		
6.4	Linen Services		
6.5	Materials Management		
6.6	Environmental Services		
6.7	Engineering Services and Maintenance		
2.1-7	Administrative and Public Areas		107
7.1	Public Areas		
7.2	Administrative and Related Support Areas		
2.1-8	Construction Standards		108
8.1	Design and Construction, including Fire-Resistant Standards		
8.2	General Standards for Details and Finishes		
2.1-9	Special Systems		113
9.1	General		
9.2	Elevators		
9.3	Waste Processing		
2.1-10	Building Systems		115
10.1	Plumbing		
10.2	Heating, Ventilating, and Air-Conditioning Systems		
10.3	Electrical Systems		
10.4	Telecommunications and Information Systems		
10.5	Electronic Safety and Security		
2.2	Small Inpatient Primary Care Hospitals	135	
2.2-1	General Considerations		135
1.1	Applicability		
1.2	Functional Program		
1.3	Site		
2.2-2	Nursing Unit		136
2.1	General		
2.2	Typical Patient Rooms		
2.3	Special Patient Care Areas		
2.4	Support Areas—General		
2.5	Support Areas for Nursing Unit(s)		
2.6	Support Areas for Staff		
2.7	Support Areas for Patients		

2.2-3	Diagnostic and Treatment Locations	140	3.3	Nuclear Medicine	
	3.1 Examination and Treatment Rooms		3.4	Rehabilitation Therapy Department	
	3.2 Emergency Facilities		3.5	Laboratory Suite	
	3.3 Surgical Facilities		2.3-4	Service Areas	153
	3.4 Imaging Facilities		4.1	Pharmacy	
	3.5 Laboratory		4.2	Dietary Facilities	
	3.6 Telemedicine Facilities		4.3	Central Services	
	3.7 Additional Diagnostic and Treatment Facilities		4.4	Linen Services	
2.2-4	Service Areas	143	4.5	Materials Management	
	4.1 Materials Management		4.6	Environmental Services	
	4.2 Environmental Services		4.7	Engineering Services and Maintenance	
	4.3 Engineering Services and Maintenance		2.3-5	Administrative and Public Areas	154
2.2-5	Administrative and Public Areas	143	5.1	Medical Records	
	5.1 Public Areas		5.2	Employee Facilities	
	5.2 Administrative Areas		2.3-6	Construction Standards	154
2.2-6	Construction Standards	144	6.1	Design and Construction, including Fire-Resistant Standards	
	6.1 Building Codes		6.2	General Standards for Details and Finishes	
	6.2 General Standards for Details and Finishes		2.3-7	Special Systems	155
2.2-7	Special Systems	144	7.1	General	
	7.1 Waste Processing		7.2	Elevators	
2.2-8	Building Systems	144	7.3	Waste Processing	
	8.1 Plumbing		2.3-8	Building Systems	156
	8.2 Heating, Ventilating, and Air-Conditioning Systems		8.1	Plumbing	
	8.3 Electrical Systems		8.2	Heating, Ventilating, and Air-Conditioning Systems	
	8.4 Security Systems		8.3	Electrical Systems	
2.3	Psychiatric Hospitals	145	8.4	Telecommunications and Information Systems	
2.3-1	General Considerations	145	8.5	Electronic Safety and Security	
	1.1 Applicability		2.4	Rehabilitation Facilities	163
	1.2 Functional Program		2.4-1	General Considerations	163
	1.3 Shared Services		2.4-2	Nursing Locations	163
	1.4 Swing Beds		2.1	Nursing Unit	
	1.5 Environment of Care		2.2	Special Patient Care Areas	
	1.6 Site		2.4-3	Patient Living Areas	165
2.3-2	Nursing Locations	146	3.1	Dining, Recreation, and Day Spaces	
	2.1 General Psychiatric Nursing Unit		3.2	Activity Areas	
	2.2 Special Patient Care Areas		3.3	Personal Services Areas	
	2.3 Child Psychiatric Unit		2.4-4	Diagnostic and Treatment Locations	166
	2.4 Geriatric, Alzheimer's, and Other Dementia Unit		4.1	Medical Evaluation Unit	
	2.5 Forensic Psychiatric Unit		4.2	Other Required Units	
	2.6 Support Areas—General		4.3	Optional Units	
	2.7 Support Areas for Psychiatric Nursing Units		2.4-5	Service Areas	168
	2.8 Support Areas for Staff		5.1	Pharmacy Unit	
	2.9 Support Areas for Patients		5.2	Dietary Unit	
2.3-3	Diagnostic and Treatment Locations	150	5.3	Sterilizing Facilities	
	3.1 Examination and Treatment Rooms		5.4	Linen Services	
	3.2 Imaging Suite		5.5	Materials Management	

5.6	Environmental Services	
5.7	Engineering Services and Maintenance	
2.4-6	Administrative and Public Areas	171
6.1	Public Areas	
6.2	Administrative and Related Support Areas	
2.4-7	Construction Standards	172
7.1	Design and Construction, including Fire-Resistant Standards	
7.2	General Standards for Details and Finishes	
2.4-8	Special Systems	175
8.1	General	
8.2	Elevators	
8.3	Waste Processing	
2.4-9	Building Systems	177
9.1	Plumbing	
9.2	Heating, Ventilating, and Air-Conditioning Systems	
9.3	Electrical Systems	
9.4	Telecommunications and Information Systems	
9.5	Fire Alarm and Detection Systems	
Part 3—Ambulatory Care Facilities		187
3.1	Outpatient Facilities	189
3.1-1	General Considerations	189
1.1	Applicability	
1.2	Outpatient Facility Classification	
1.3	Functional Program	
1.4	Environment of Care	
1.5	Shared/Purchased Services	
1.6	Facility Access	
1.7	Site	
3.1-2	Diagnostic and Treatment Locations	190
2.1	Examination and Treatment Rooms	
2.2	Imaging Facilities	
2.3	Laboratory	
3.1-3	Service Areas	192
3.1	Environmental Services	
3.2	Engineering Services and Maintenance	
3.3	Materials Management	
3.1-4	Administrative and Public Areas	193
4.1	Public Areas	
4.2	Administrative Areas	
3.1-5	Construction Standards	193
5.1	Design and Construction, including Fire-Resistant Standards	
5.2	General Standards for Details and Finishes	
3.1-6	Special Systems	195
6.1	General	

6.2	Elevators	
6.3	Waste Processing	
3.1-7	Building Systems	197
7.1	Plumbing	
7.2	Heating, Ventilating, and Air-Conditioning Systems	
7.3	Electrical Systems	
7.4	Telecommunications and Information Systems	
7.5	Fire Alarm System	
3.2	Primary Care Outpatient Centers	208
3.2-1	General Considerations	208
1.1	Applicability	
1.2	Functional Program	
1.3	Site	
3.2-2	Diagnostic and Treatment Locations	208
2.1	Examination and Treatment Rooms	
2.2	Imaging Facilities	
2.3	Laboratory Facilities	
2.4	Specimen Storage	
3.2-3	Administrative and Public Areas	208
3.1	Public Areas	
3.2-4	Building Systems	209
4.1	Plumbing	
4.2	Heating, Ventilating, and Air- Conditioning Systems	
3.3	Small Primary (Neighborhood) Outpatient Facilities	210
3.3-1	General Considerations	210
1.1	Size	
1.2	Applicability	
1.3	Site	
3.3-2	Diagnostic and Treatment Locations	210
2.1	Examination and Treatment Rooms	
2.2	Diagnostic Facilities	
3.3-3	Administrative and Public Areas	211
3.1	Public Areas	
3.2	Administrative Areas	
3.3-4	Construction Standards	211
4.1	Design and Construction	
3.3-5	Building Systems	211
5.1	Plumbing	
5.2	Heating, Ventilating, and Air- Conditioning Systems	
5.3	Electrical Systems	
3.4	Freestanding Outpatient Diagnostic and Treatment Facilities	213
3.4-1	Applicability	213
1.1	Facility Type	
1.2	Standards	

3.5	Freestanding Urgent Care Facilities	214			
3.5-1	General Considerations	214			
	1.1 Applicability				
	1.2 Site				
3.5-2	Diagnostic and Treatment Locations	214			
	2.1 Examination and Treatment Rooms				
	2.2 Imaging Facilities				
	2.3 Laboratory				
	2.4 Support Areas for Diagnostic and Treatment Locations				
	2.5 Support Areas for Staff				
3.5-3	Administrative and Public Areas	216			
	3.1 Public Areas				
	3.2 Administrative Areas				
3.5-4	Construction Standards	217			
	4.1 General Standards for Details and Finishes				
3.5-5	Building Systems	217			
	5.1 Plumbing				
	5.2 Heating, Ventilating, and Air-Conditioning Systems				
	5.3 Electrical Systems				
3.6	Freestanding Birthing Centers	218			
3.6-1	General Considerations	218			
	1.1 Applicability				
	1.2 Site				
3.6-2	Clinical Facilities	218			
	2.1 Birthing Rooms				
	2.2 Support Areas for Birthing Rooms				
	2.3 Support Areas for Staff				
	2.4 Support Areas for Patients				
3.6-3	Service Areas	219			
	3.1 Sterilizing Facilities				
	3.2 Laundry Facilities				
3.6-4	Administrative and Public Areas	219			
	4.1 Public Areas				
	4.2 Administrative Areas				
3.7	Outpatient Surgical Facilities	221			
3.7-1	General Considerations	221			
	1.1 Applicability				
	1.2 Functional Program				
	1.3 Environment of Care				
	1.4 Shared Services				
	1.5 Facility Access and Layout				
	1.6 Site				
3.7-2	Diagnostic and Treatment Locations	222			
	2.1 Diagnostic Facilities				
	2.2 Examination Room(s)				
	2.3 Operating Rooms (Ambulatory)				
	2.4 Recovery Areas				
	2.5 Support Areas for Surgical Service Areas				
	2.6 Support Areas for Surgical Staff				
	2.7 Support Areas for Patients				
3.7-3	Service Areas	226			
	3.1 Sterilizing Facilities				
3.7-4	Administrative and Public Areas	227			
	4.1 Public Areas				
	4.2 Administrative Areas				
3.7-5	Construction Standards	228			
	5.1 Design and Construction, including Fire Resistant Standards				
	5.2 General Standards for Details and Finishes				
3.7-6	Building Systems	229			
	6.1 Plumbing				
	6.2 Heating, Ventilating, and Air-Conditioning Systems				
	6.3 Electrical Systems				
	6.4 Electronic Safety and Security				
3.8	Office Surgical Facilities	230			
3.8-1	General Considerations	230			
	1.1 Applicability				
	1.2 Size				
3.8-2	Diagnostic and Treatment Locations	230			
	2.1 Operating Rooms				
	2.2 Recovery Areas				
	2.3 Support Areas for Operating Rooms				
	2.4 Support Areas for Staff				
3.8-3	Service Areas	231			
	3.1 Sterilizing Facilities				
3.8-4	Construction Standards	231			
	4.1 General Standards for Details and Finishes				
3.9	Gastrointestinal Endoscopy Facilities	233			
3.9-1	General Considerations	233			
	1.1 Applicability				
	1.2 Functional Program				
	1.3 Environment of Care				
	1.4 Shared Services				
	1.5 Facility Layout and Circulation				
	1.6 Site				
3.9-2	Diagnostic and Treatment Locations	233			
	2.1 Diagnostic Facilities				
	2.2 Examination Rooms				
	2.3 Procedure Suite				
	2.4 Support Areas for Staff				
	2.5 Support Areas for Patients				
3.9-3	Service Areas	235			
	3.1 Clean Storage and Soiled Holding Areas				
	3.2 Instrument Processing Room(s)				
	3.3 Equipment and Supply Storage				

3.4	Fluid Waste Disposal Facilities	
3.5	Housekeeping Room	
3.9-4	Administrative and Public Areas	236
4.1	Public Areas	
4.2	Administrative Areas	
3.9-5	Construction Standards	237
5.1	Design and Construction, including Fire-Resistant Standards	
5.2	General Standards for Detail and Finishes	
3.9-6	Building Systems	238
6.1	Plumbing	
6.2	Heating, Ventilating, and Air- Conditioning Systems	
6.3	Electrical Systems	
6.4	Electronic Safety and Security	
3.10	Renal Dialysis Centers	239
3.10-1	General	239
1.1	Functional Program	
1.2	Site	
3.10-2	Diagnostic and Treatment Areas	239
2.1	Examination Room	
2.2	Treatment Area(s)	
2.3	Special Treatment Area(s)	
2.4	Support Areas for the Renal Dialysis Treatment Center	
2.5	Support Areas for Staff	
2.6	Support Areas for Patients	
3.10-3	Service Areas	240
3.1	Reprocessing Room	
3.2	Equipment and Supply Storage	
3.3	Equipment Repair Room	
3.10-4	Administrative and Public Areas	241
4.1	Public Areas	
4.2	Administrative Areas	
3.10-5	Building Systems	241
5.1	Plumbing	
5.2	Heating, Ventilating, and Air- Conditioning Systems	
3.11	Psychiatric Outpatient Centers	242
3.11-1	General Considerations	242
1.1	Applicability	
1.2	Functional Program	
1.3	Site	
3.11-2	Diagnostic and Treatment Areas	242
2.1	Consultation Room(s)	
2.2	Group Rooms	
2.3	Observation Room(s)	
2.4	Support Areas for the Psychiatric Outpatient Center	
2.5	Support Areas for Staff	

3.11-3	Administrative and Public Areas	243
3.1	Public Areas	
3.2	Administrative Areas	
3.11-4	Construction Standards	244
4.1	Applicable Standards	
4.2	Security	
4.	Details	
3.12	Mobile, Transportable, and Relocatable Units	245
3.12-1	General Considerations	245
1.1	Applicability	
1.2	Site	
3.12-2	Diagnostic and Treatment Locations	246
2.1	Mobile Units	
2.2	Transportable Units	
2.3	Relocatable Units	
2.4	Support Areas for Mobile, Transportable, and Relocatable Facilities	
3.12-3	Administrative and Public Areas	246
3.1	Public Areas	
3.12-4	Construction Standards	247
4.1	Design and Construction Standards	
4.2	General Standards for Details and Finishes for Unit Construction	
3.12-5	Building Systems	248
5.1	Plumbing	
5.2	Heating, Ventilating, and Air- Conditioning Systems	
5.3	Electrical Systems	
5.4	Telecommunications and Information Systems	
5.5	Electronic Safety and Security	
Part 4—Other Health Care Venues		251
4.1	Nursing Facilities	253
4.1-1	General Considerations	253
1.1	Applicability	
1.2	Ancillary Services	
1.3	Environment of Care	
1.4	Functional Program	
1.5	Shared Services	
1.6	Site	
1.7	Renovation	
1.8	Provisions for Disasters	
1.9	Codes and Standards	
1.10	Equipment	
1.11	Planning, Design, and Construction	
1.12	Record Drawings and Manuals	
4.1-2	Resident Units	254
2.1	General	

2.2	Resident Rooms		4.2-2	Hospice Units	279
2.3	Support Areas—General		2.1	Unit Size	
2.4	Support Areas for Resident Units		2.2	Patient Rooms	
2.5	Support Areas for Staff		2.3	Airborne Infection Isolation Room(s)	
2.6	Support Areas for Residents		2.4	Support Areas for Hospice Units	
4.1-3	Special Care Facilities	259	4.2-3	Patient Living Areas	280
3.1	Subacute Care Facilities		3.1	Patient Kitchen and Dining Areas	
3.2	Alzheimer’s and Other Dementia Units		3.2	Personal Services (Barber/Beauty) Areas	
4.1-4	Resident Living Areas	260	3.3	Outdoor Spaces	
4.1	Resident Dining and Recreation Areas		4.2-4	Diagnostic and Treatment Locations	280
4.2	Activity Areas		4.1	Therapy	
4.3	Personal Services (Barber/Beauty) Areas		4.2-5	Service Areas	280
4.1-5	Diagnostic and Treatment Locations	261	5.1	Dietary Facilities	
5.1	Rehabilitation Therapy		4.2-6	Construction Standards	281
4.1-6	Service Areas	261	6.1	General Standards for Details and Finishes	
6.1	Dietary Facilities		4.2-7	Building Systems	281
6.2	Linen Services		7.1	Plumbing	
6.3	Materials Management		7.2	Heating, Ventilating, and Air- Conditioning Systems	
6.4	Environmental Services		7.3	Electrical Systems	
4.1-7	Administrative and Public Areas	264	7.4	Telecommunication and Information Systems	
7.1	Public Areas		7.5	Fire Alarm System	
7.2	Administrative Areas		4.3	Assisted Living	282
4.1-8	Construction Standards	264	4.3-1	General Considerations	282
8.1	Applicable Codes		1.1	Applicability	
8.2	General Standards for Details and Finishes		1.2	Functional Program	
4.1-9	Special Systems	267	1.3	Environment of Care	
9.1	General		1.4	Shared Services	
9.2	Elevators		1.5	Site	
9.3	Waste Processing		1.6	Renovation	
4.1-10	Building Systems	269	1.7	Provisions for Disasters	
10.1	Plumbing		1.8	Codes and Standards	
10.2	Heating, Ventilating, and Air- Conditioning Systems		1.9	Equipment	
10.3	Electrical Systems		1.10	Planning, Design, and Construction	
10.4	Communications Systems		1.11	Record Drawings and Manuals	
10.5	Electronic Safety and Security		4.3-2	Resident Living Environment	284
4.2	Hospice Care	279	2.1	General	
4.2-1	General Considerations	279	2.2	Resident Rooms or Apartments	
1.1	Applicability		2.3	Support Areas for Resident Living Environment	
1.2	Ancillary Services		2.4	Support Areas for Staff	
1.3	Environment of Care		2.5	Support Areas for Residents	
1.4	Functional Program		4.3-3	Special Care Facilities	286
1.5	Shared Services		3.1	Alzheimer’s and Other Dementia Units	
1.6	Site		4.3-4	Resident Living Areas	287
1.7	Renovation		4.1	Dining Areas	
1.8	Provisions for Disasters		4.2	Activity and Social Areas	
1.9	Codes and Standards		4.3	Storage	
1.10	Equipment				
1.11	Planning, Design, and Construction				
1.12	Record Drawings and Manuals				

4.3-5	Service Areas	287
5.1	Dietary Facilities	
5.2	Linen Services	
5.3	Materials Management	
5.4	Environmental Services	
5.5	Engineering Services and Maintenance	
4.3-6	Administrative and Public Areas	288
6.1	Public Notice Area	
6.2	Private Meeting Space(s)	
4.3-7	Construction Standards	288
7.1	Construction Features	
7.2	General Standards for Details and Finishes	
4.3-8	Special Systems	288
8.1	Elevators	
8.2	Waste	
4.3-9	Building Systems	288
9.1	General	
9.2	Plumbing	
9.3	Heating, Ventilating, and Air-Conditioning Systems	
9.4	Electrical Systems	
9.5	Telecommunication and Information Systems	
9.6	Fire Alarm and Detection Systems	
4.4	Adult Day Health Care Facilities	291
4.4-1	General Considerations	291
1.2	Functional Program	
1.3	Facility Access	
4.4-2	Care Locations	291
2.1	Activity Space(s)	
2.2	Rest or Private Area	
2.3	Support Areas for Care Locations	
2.4	Support Areas for Staff	
2.5	Support Areas for Patients	
4.4-3	Diagnostic and Treatment Locations	293
3.1	Treatment Room or Nurse Station	
3.2	Support Areas for Diagnostic and Treatment Locations	
4.4-4	Service Areas	293
4.1	Dining Areas	
4.2	Environmental Services	
4.4-5	Administrative and Public Areas	293
5.1	Public Areas	
4.4-6	Construction Standards	293
6.1	Details	
6.2	Finishes	

4.4-7	Building Systems	294
7.1	Plumbing	
7.2	Heating, Ventilating, and Air-Conditioning Systems	
7.3	Electrical Standards	

Glossary	295
Index	298
Relocation Matrix	315

Tables

2.1-1	Sound Transmission Limitations in General Hospitals	129
2.1-2	Ventilation Requirements for Areas Affecting Patient Care in Hospitals and Ambulatory Care Facilities	130
2.1-3	Filter Efficiencies for Central Ventilation and Air-Conditioning Systems in General Hospitals	133
2.1-4	Hot Water Use—General Hospitals	133
2.1-5	Station Outlets for Oxygen, Vacuum (Suction), and Medical Air Systems in Hospitals	134
3.1-1	Filter Efficiencies for Central Ventilation and Air-Conditioning Systems in Ambulatory Care Facilities	207
3.1-2	Station Outlets for Oxygen, Vacuum, and Medical Air in Ambulatory Care Facilities	207
3.12-1	Stair Requirements for Mobile and Transportable Units	250
4.1-1	Pressure Relationships and Ventilation of Certain Areas of Nursing Facilities	276
4.1-2	Filter Efficiencies for Central Ventilation and Air-Conditioning Systems in Nursing Facilities	277
4.1-3	Hot Water Use—Nursing Facilities	277
4.1-4	Minimum Maintained Average Illuminance	278