

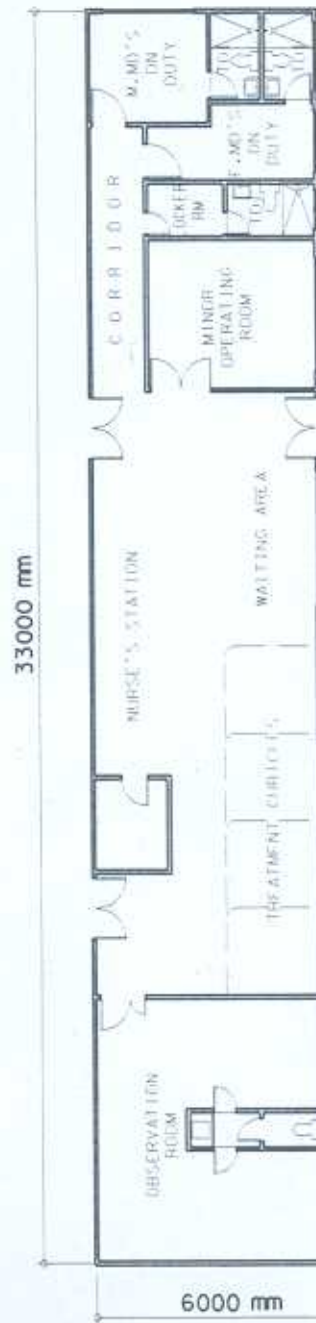
**VOLUME 4 SCHEMATIC PLANS AND TECHNICAL
REQUIREMENTS OF A 100-BED HOSPITAL**

4.2 CLINICAL Service Facility

Hospital: Tertiary, 100-Bed	DEPARTMENT DATA SHEET	Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: EMERGENCY	Reference Sheet Number 100B-CL-DDS01

LAYOUT PER DEPARTMENT SHOWING ROOMS AND SPACE COMPONENTS:

Scale 1:200 mts.



Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: EMERGENCY	Room Title: MINOR OPERATING ROOM	Reference Sheet Number: 100B-CL-RDS02A

FUNCTIONAL DESIGN REQUIREMENTS:

<p>This activity space provides facilities needed for the following activities:</p> <ul style="list-style-type: none"> a. Patient arrives on a stretcher trolley. b. Patient is transferred from a stretcher trolley to operating table. c. Clinical handwashing. d. Anesthesia is administered. e. Use of diagnostic equipment. f. Patient is surgically operated. g. Patient is transferred from operating table to stretcher trolley to be transferred to Nursing Wards. <p>People Involved:</p> <ul style="list-style-type: none"> 1 x Resident Physician 1 x Nurse 1 x Nursing Attendant 1 x Patient <p>Planning Relationships:</p> <ul style="list-style-type: none"> a. Close to Treatment Cubicles. b. Close to Nurse station <p>This activity space provides facilities needed for the delivery of General Patient Care.</p>	EQUIPMENT AND ACCESSORY CHECKLIST	QUANTITY	REMARKS
	<ul style="list-style-type: none"> Scrub sink Clock Double x-ray film illuminator Kick bucket Operating light Aspirator below view box Single basin stand Double basin stand Suction apparatus 	<ul style="list-style-type: none"> 1 1 1 2 1 1 1 1 	<ul style="list-style-type: none"> recessed
	FURNITURE AND FIXTURE CHECKLIST	QUANTITY	REMARKS
	<ul style="list-style-type: none"> Instrument table, 600x1200 Operating table Footstool Adjustable open shelving, 460mm deep Anesthetists' table Anesthetists' stool 	<ul style="list-style-type: none"> 1 1 2 1 1 1 	<ul style="list-style-type: none">
	ADDITIONAL EQUIPMENT AND ENGINEERING TERMINALS	QUANTITY	REMARKS
	<ul style="list-style-type: none"> Rail, curtain, window Outlet, intercom Outlet, 10A, 2P, 240V Outlet, 15A, 2P, 240V Grounding terminal Split type ACU, 3 ton 	<ul style="list-style-type: none"> 1 1 4 1 3 1 	<ul style="list-style-type: none"> grounding type, parallel slots* grounding type, tandem slots* duplex set
			* hospital grades mounted 1.6 m above floor finish

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE								
Updated Reference: November 1991	Department: EMERGENCY	Room Title: MINOR OPERATING ROOM	Reference Sheet Number: 100B-CL-RDS02C								
TECHNICAL DESIGN DATA:		LAYOUT OF ROOM AND SPACE COMPONENTS:									
DIRECT SERVICES	DESIGN DATA	<p style="text-align: right;">Scale 1:100 mts.</p>									
Disposal	hospital solid waste type : A,B,E,F										
Hot water	required at sink										
Cold water	required at sink										
Drainage	required at sink and floor										
Gas	NA										
Compressed air	NA										
Steam	NA										
Others											
DIRECT DEMANDS ON FLOOR AND WALL				Key							
Loading	NA	1 Scrub sink	10 Adjustable open shelving 460mm deep								
Spillage	slight : OCCASIONAL : frequent	2 Double basin stand	11 Vision panel								
Foot traffic	light : medium : HEAVY	3 Instrument table, 600x1200	12 Clock								
Wheel traffic	light : medium : HEAVY	4 Operating light	13 Recessed double x-ray film illuminator								
Impacts	NA	5 Footstool	14 Aspirator below view box								
Abrasion	NA	6 Kick bucket	15 Operating table								
Easy maintenance	ESSENTIAL : desirable unnecessary	7 Single basin stand									
Vibration free	ESSENTIAL : desirable unnecessary	8 Anesthetists' table									
Door sets	stretcher trolley, operating table	9 Anesthetists' stool									
	wheelchair access w/vision panel										
Windows	clear, solar control, privacy	SPACE DEMANDS (Total Minimum Space Required in sq m.): 18.00									
	control	<table border="1"> <thead> <tr> <th>Space Components</th> <th>Minimum Space Required/Component</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>		Space Components	Minimum Space Required/Component						
Space Components	Minimum Space Required/Component										
Internal glazing	clear, privacy control	REGULATIONS AND NOTES:									
		Minimum width of room : 4.00m.									

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: EMERGENCY	Room Title: TREATMENT CUBICLES	Reference Sheet Number: 100B-CL-RDS03A
FUNCTIONAL DESIGN REQUIREMENTS:			
<p>This activity space provides facilities needed for the following activities:</p> <ul style="list-style-type: none"> a. Patient may arrive on foot b. Patient may arrive on wheelchair. c. Use of diagnostic equipment. d. Patient is treated for minor injuries and illness. e. Transfer of patient from examining table to stretcher trolley, to go to observation rooms or nursing wards. f. Patient is assisted by Nurse/Nursing Attendant to move out from examining table and be discharged. <p>People Involved:</p> <ul style="list-style-type: none"> 1 x Resident Physician 1 x Nurse 1 x Nursing Attendant 1 x Patient <p>Planning Relationships:</p> <ul style="list-style-type: none"> a. Close to Emergency Suite Entrance. b. Adjacent to Nurse Station and Minor Operating Room. c. Close to Minor Operating Room. d. Close to Observation Room. <p>This activity space provides facilities for the delivery of General Patient Care.</p>	EQUIPMENT AND ACCESSORY CHECKLIST	QUANTITY	REMARKS
	Examining table	4	
	Examining light	4	
	Hook strip	4	
Resuscitating apparatus	4		
Oxygen unit	4		
Waste receptacle	4		
Adult weighing scale	1		
Infant weighing scale	1		
Manual resuscitate	4		
Nebulizer	4		
BP apparatus (stand by type)	2		
Suction apparatus	4		
	FURNITURE AND FIXTURE CHECKLIST	QUANTITY	REMARKS
Footstool	4		
Table, 406x508	4		
	ADDITIONAL EQUIPMENT AND ENGINEERING TERMINALS	QUANTITY	REMARKS
Rail, curtain, window	4		
Rail, curtain, cubicle	8		
Outlet, 10A, 2P, 240V			grounding type, parallel slots

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: EMERGENCY	Room Title: TREATMENT CUBICLES	Reference Sheet Number: 100B-CL-RDS03C
TECHNICAL DESIGN DATA:		LAYOUT OF ROOM AND SPACE COMPONENTS:	
DIRECT SERVICES	DESIGN DATA	Scale 1:100 mts.	
Disposal	hospital solid waste type: A,E,F		
Hot water	NA		
Cold water	NA		
Drainage	NA		
Gas	NA		
Compressed air	NA		
Steam	NA		
Others			
DIRECT DEMANDS ON FLOOR AND WALL			
Loading	NA		
Spillage	slight : OCCASIONAL : frequent		
Foot traffic	light : medium : HEAVY		
Wheel traffic	light : medium : HEAVY		
Impacts	NA		
Abrasion	NA		
Easy maintenance	ESSENTIAL: desirable: unnecessary	SPACE DEMANDS (Total Minimum Space Required in sq.m.): 23.00	
Vibration free	ESSENTIAL: desirable: unnecessary	Space Components	Minimum Space Required/Component
Door sets	examining table, stretcher trolley, wheel chair access	4x Treatment Cubicles	5.75 sq.m.
Windows	clear, solar control, privacy control	REGULATIONS AND NOTES:	
Internal glazing	clear, privacy control		

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE	
Updated Reference: November 1991	Department: EMERGENCY	Room Title: NURSE STATION	Reference Sheet Number: 100B-CL-RDS01A	
FUNCTIONAL DESIGN REQUIREMENTS:				
<p>This activity space provides facilities needed for the following activities:</p> <ul style="list-style-type: none"> a. Nurse make inquiries and records necessary information from / about patients rushed to ER. b. Nurse performs other medical monitoring activities. c. Physicians, aided by Nurses and Nursing attendants, monitoring and diagnostic activities and administers proper treatment to patient rushed to ER. <p>People Involved:</p> <ul style="list-style-type: none"> 1 x Nurse 1 x Nursing Attendant <p>Planning Relationships:</p> <ul style="list-style-type: none"> a. Close to Emergency Suite Entrance. b. Adjacent to Treatment and Minor Operating Room. 	EQUIPMENT AND ACCESSORY CHECKLIST	QUANTITY	REMARKS	
	Instrument sterilizer Lavatory with gooseneck spout and elbow or knee control Medicine sink in counter	1		
	FURNITURE AND FIXTURE CHECKLIST	QUANTITY	REMARKS	
	Swivel chair Counter, open below Counter, cabinets below Wall Cabinet	4		with casters
	ADDITIONAL EQUIPMENT AND ENGINEERING TERMINALS	QUANTITY	REMARKS	
	Outlet, intercom Outlet, 15A, 10A, 2P, 240V, duplex Outlet, 15A, 2P, 240V, single Nurse Call System Floor outlet, 15A, 2P, 240V	1 2 1 1 2		grounding type, parallel slots grounding type, tandem slots grounding type, parallel slots

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE	
Updated Reference: November 1991	Department EMERGENCY	Room Title: OBSERVATION ROOM	Reference Sheet Number: 100B-CL-RDS04A	
FUNCTIONAL DESIGN REQUIREMENTS:				
<p>This activity space provides facilities needed for the following activities:</p> <ul style="list-style-type: none"> a. Resident Physician and Nurses observe vital signs of patients at regular intervals. b. Patient is kept in bed in this room to ascertain return of stable and normal vital sign readings. <p>People Involved:</p> <ul style="list-style-type: none"> 1 x Resident Physician 1 x Nurse 1 x Nursing Attendant 1 x Patients <p>Planning Relationships:</p> <ul style="list-style-type: none"> a. Adjacent to Nurse Station. b. Close to Minor Operating Room. c. Close to Treatment Room. <p>This activity space provides facilities for the delivery of General Patient Care.</p>	EQUIPMENT AND ACCESSORY CHECKLIST	QUANTITY	REMARKS	
	Lavatory with gooseneck spout and knee control	1		
	Wall bracket light, switch controlled	1		
	FURNITURE AND FIXTURE CHECKLIST	QUANTITY	REMARKS	
	Observation bed	5	adjustable	
	Bedside cabinet	5		
Chair, upright, stacking	4			
	ADDITIONAL EQUIPMENT AND ENGINEERING TERMINALS	QUANTITY	REMARKS	
Rail, curtain, window	2			
Rail, curtain, cubicle	5			
Outlet, 10A, 2P, 240V, duplex	11	grounding type, parallel slots		
Outlet, 15A, 2P, 240V, single	2	grounding type, tandem slots		
Nurse Call station w/pendant switch	5	(optional)		
Nurse Call dome light	1	(optional)		
Bed lamp	5	(flourescent)		

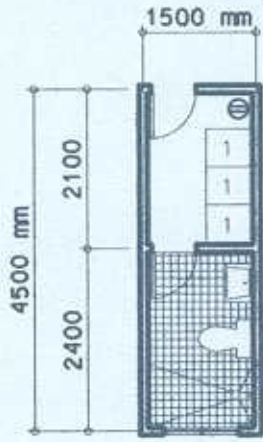
Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: EMERGENCY	Room Title: WAITING AREA WITH STRETCHER NOOK	Reference Sheet Number: 100B-CL-RDS05A

FUNCTIONAL DESIGN REQUIREMENTS:

<p>This activity space provides facilities needed for the following activities:</p> <ul style="list-style-type: none"> a. Patient may arrive on foot. b. Patient may arrive in a wheelchair. c. Transfer of patient to/from stretcher trolley, or wheelchair to examining table. 	EQUIPMENT AND ACCESSORY CHECKLIST	QUANTITY	REMARKS
	Stretcher trolley Wheelchair	2 1	
	FURNITURE AND FIXTURE CHECKLIST	QUANTITY	REMARKS
	People Involved	Sofa, 700x1800 Sofa, 700x2100 Side table	1 1 1
<p>Planning Relationships:</p> <ul style="list-style-type: none"> a. Located at main access to Emergency Suite. 	ADDITIONAL EQUIPMENT AND ENGINEERING TERMINALS	QUANTITY	REMARKS
	Curtain, rail, window Outlet, 10A, 2P, 240V	1 3	grounding type, parallel slots
	Split type ACU, 3 ton	1	

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE								
Updated Reference: November 1991	Department: EMERGENCY	Room Title: DOCTORS' ON DUTY ROOM	Reference Sheet Number: 100B-CL-RDS06C								
TECHNICAL DESIGN DATA:		LAYOUT OF ROOM AND SPACE COMPONENTS:									
DIRECT SERVICES	DESIGN DATA	<p style="text-align: right;">Scale 1:100 mts.</p>									
Disposal	hospital solid waste type : A										
Hot water	required at lavatory										
Cold water	required at toilet										
Drainage	provide floor drain at toilet										
Gas	NA										
Compressed air	NA										
Steam	NA										
Others											
DIRECT DEMANDS ON FLOOR AND WALL											
Loading	NA										
Spillage	NA										
Foot traffic	LIGHT : medium : heavy										
Wheel traffic	NA										
Impacts	NA										
Abrasion	NA										
Easy maintenance	ESSENTIAL: desirable: unnecessary										
Vibration free	ESSENTIAL: desirable: unnecessary										
Door sets	wheelchair access										
Windows	clear, solar control, privacy control										
Internal glazing	nil										
		<p>Key</p> <p>1 Chair, upright, stacking 3 Steel filing cabinet</p> <p>2 Desk, 750x1200 4 Swivel chair</p> <p>SPACE DEMANDS (Total Minimum Space Required in sq.m.): 24.75</p> <table border="1"> <thead> <tr> <th>Space Components</th> <th>Minimum Space Required/Component</th> </tr> </thead> <tbody> <tr> <td>Female Doctors On Duty Room</td> <td>9.60sq.m.</td> </tr> <tr> <td>Male Doctors On Duty Room</td> <td>8.43sq.m.</td> </tr> <tr> <td>Toilet</td> <td>6.72 sq.m.</td> </tr> </tbody> </table> <p>REGULATIONS AND NOTES:</p>		Space Components	Minimum Space Required/Component	Female Doctors On Duty Room	9.60sq.m.	Male Doctors On Duty Room	8.43sq.m.	Toilet	6.72 sq.m.
Space Components	Minimum Space Required/Component										
Female Doctors On Duty Room	9.60sq.m.										
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Toilet	6.72 sq.m.										

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: EMERGENCY	Room Title: NURSES' LOCKER ROOM	Reference Sheet Number: 100B-CL-RDS07A
FUNCTIONAL DESIGN REQUIREMENTS:			
<p>This activity space provides facilities needed for the following activities:</p> <ul style="list-style-type: none"> a. Nurses to change street clothing to uniform and vice versa. b. Nurses to use toilet facilities. <p>People Involved:</p> <ul style="list-style-type: none"> 1 x Nurse 1 x Nursing Attendant <p>Planning Relationships:</p> <ul style="list-style-type: none"> a. Close to Nurse Station. b. Close to Doctors On Duty Room. 	EQUIPMENT AND ACCESSORY CHECKLIST	QUANTITY	REMARKS
	FURNITURE AND FIXTURE CHECKLIST	QUANTITY	REMARKS
	Locker, 500x600	3	
	ADDITIONAL EQUIPMENT AND ENGINEERING TERMINALS	QUANTITY	REMARKS
	Outlet, 10A, 2P, 240V, duplex	2	grounding type, parallel slots
	Outlet, Intercom	1	

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE																																										
Updated Reference: November 1991	Department: EMERGENCY	Room Title: NURSES' LOCKER ROOM	Reference Sheet Number: 100B-CL-RDS07C																																										
TECHNICAL DESIGN DATA:		LAYOUT OF ROOM AND SPACE COMPONENTS:																																											
<table border="1"> <thead> <tr> <th>DIRECT SERVICES</th> <th>DESIGN DATA</th> </tr> </thead> <tbody> <tr> <td>Disposal</td> <td>hospital solid waste type : A</td> </tr> <tr> <td>Hot water</td> <td>required at lavatory</td> </tr> <tr> <td>Cold water</td> <td>required at toilet</td> </tr> <tr> <td>Drainage</td> <td>provide floor drain at toilet</td> </tr> <tr> <td>Gas</td> <td>NA</td> </tr> <tr> <td>Compressed air</td> <td>NA</td> </tr> <tr> <td>Steam</td> <td>NA</td> </tr> <tr> <td>Others</td> <td></td> </tr> <tr> <td colspan="2">DIRECT DEMANDS ON FLOOR AND WALL</td> </tr> <tr> <td>Loading</td> <td>NA</td> </tr> <tr> <td>Spillage</td> <td>NA</td> </tr> <tr> <td>Foot traffic</td> <td>light : MEDIUM : heavy</td> </tr> <tr> <td>Wheel traffic</td> <td>NA</td> </tr> <tr> <td>Impacts</td> <td>NA</td> </tr> <tr> <td>Abrasion</td> <td>NA</td> </tr> <tr> <td>Easy maintenance</td> <td>ESSENTIAL: desirable: unnecessary</td> </tr> <tr> <td>Vibration free</td> <td>ESSENTIAL: desirable: unnecessary</td> </tr> <tr> <td>Door sets</td> <td>ordinary access door</td> </tr> <tr> <td>Windows</td> <td>clear, solar control, privacy control</td> </tr> <tr> <td>Internal glazing</td> <td>nil</td> </tr> </tbody> </table>		DIRECT SERVICES	DESIGN DATA	Disposal	hospital solid waste type : A	Hot water	required at lavatory	Cold water	required at toilet	Drainage	provide floor drain at toilet	Gas	NA	Compressed air	NA	Steam	NA	Others		DIRECT DEMANDS ON FLOOR AND WALL		Loading	NA	Spillage	NA	Foot traffic	light : MEDIUM : heavy	Wheel traffic	NA	Impacts	NA	Abrasion	NA	Easy maintenance	ESSENTIAL: desirable: unnecessary	Vibration free	ESSENTIAL: desirable: unnecessary	Door sets	ordinary access door	Windows	clear, solar control, privacy control	Internal glazing	nil	<p style="text-align: right;">Scale 1:100 mts.</p>  <p>Key 1 Locker, 500x600</p>	
DIRECT SERVICES	DESIGN DATA																																												
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		SPACE DEMANDS (Total Minimum Space Required in sq.m.): 6.75																																											
		Space Components	Minimum Space Required/Component																																										
		Locker Area	3.15 sq.m.																																										
		Toilet	3.60 sq.m.																																										
		REGULATIONS AND NOTES:																																											

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE								
Updated Reference: November 1991	Department: EMERGENCY	Room Title: WAITING AREA WITH STRETCHER NOOK	Reference Sheet Number: 100B-CL-RDS05C								
TECHNICAL DESIGN DATA:		LAYOUT OF ROOM AND SPACE COMPONENTS:									
DIRECT SERVICES	DESIGN DATA	<p style="text-align: right;">Scale 1:100 mts.</p> <p style="text-align: center;">Key</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1 Sofa, 700x1800</td> <td style="width: 50%;">4 Stretcher trolley</td> </tr> <tr> <td>2 Sofa, 700x2100</td> <td>5 Wheelchair</td> </tr> <tr> <td>3 Side table</td> <td></td> </tr> </table>		1 Sofa, 700x1800	4 Stretcher trolley	2 Sofa, 700x2100	5 Wheelchair	3 Side table			
1 Sofa, 700x1800	4 Stretcher trolley										
2 Sofa, 700x2100	5 Wheelchair										
3 Side table											
Disposal	hospital solid waste type : A										
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Cold water	NA										
Drainage	NA										
Gas	NA										
Compressed air	NA										
Steam	NA										
Others											
DIRECT DEMANDS ON FLOOR AND WALL											
Loading	NA										
Spillage	NA										
Foot traffic	light : medium : HEAVY										
Wheel traffic	light : medium : HEAVY										
Impacts	NA										
Abrasion	NA										
Easy maintenance	ESSENTIAL: desirable: unnecessary										
Vibration free	essential DESIRABLE: unnecessary										
Door sets	bed, stretcher trolley, wheel chair access										
Windows	nil										
Internal glazing	nil										
SPACE DEMANDS (Total Minimum Space Required in sq.m.): 15.00		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Space Components</th> <th style="width: 50%;">Minimum Space Required/Component</th> </tr> </thead> <tbody> <tr> <td>Stretcher Nook</td> <td style="text-align: center;">5.00 sq.m.</td> </tr> <tr> <td>Waiting Area</td> <td style="text-align: center;">10.00 sq.m.</td> </tr> <tr> <td>Circulation</td> <td style="text-align: center;">15.75 sq.m.</td> </tr> </tbody> </table>		Space Components	Minimum Space Required/Component	Stretcher Nook	5.00 sq.m.	Waiting Area	10.00 sq.m.	Circulation	15.75 sq.m.
Space Components	Minimum Space Required/Component										
Stretcher Nook	5.00 sq.m.										
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Circulation	15.75 sq.m.										
REGULATIONS AND NOTES:											

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: NURSERY	Room Title: NURSE STATION	Reference Sheet Number: 100B-CL-RDS25A

FUNCTIONAL DESIGN REQUIREMENTS:

<p>This activity space provides facilities needed for the following activities:</p> <ul style="list-style-type: none"> a. Nurse administers nursing care clinical procedures to baby b. Nurse examines baby and records data gathered. c. Nurse performs necessary monitoring activities to babies. d. Nurse takes inventories of nursery supplies. <p>People Involved:</p> <ul style="list-style-type: none"> 1 x Nurse 2 x Nursing Attendant <p>Planning Relationships:</p> <ul style="list-style-type: none"> a. Adjacent to Breastfeeding b. Close to Premature Nursery & Suspect Nursery. 	EQUIPMENT AND ACCESSORY CHECKLIST	QUANTITY	REMARKS
	Lavatory with gooseneck spout and knee control	1	
	Sink in counter with gooseneck spout and knee control	1	
	FURNITURE AND FIXTURE CHECKLIST	QUANTITY	REMARKS
Table, 600x900	1		
Chair, upright, stacking	2		
Desk, 750x1200	1		
Wall cabinet			
Counter, 900mm high with cabinets below			
Refrigerators, 6 cu. ft.	1		
	ADDITIONAL EQUIPMENT AND ENGINEERING TERMINALS	QUANTITY	REMARKS
Rail, curtain, window	1		
Outlet, intercom	1		
Outlet, 10A, 2P, 240V	4		
Outlet, 15A, 2P, 240V	1		
Smoke detector	1		
Outlet, telephone	1		
			grounding type, parallel slots
			grounding type, tandem slots

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE										
Updated Reference: November 1991	Department: NURSERY	Room Title: NURSE STATION	Reference Sheet Number: 100B-CL-RDS25C										
TECHNICAL DESIGN DATA:		LAYOUT OF ROOM AND SPACE COMPONENTS:											
DIRECT SERVICES	DESIGN DATA	<p style="text-align: right;">Scale 1:100 mts.</p>											
Disposal	hospital solid waste type : A,E,F,												
Hot water	required at sink and lavatory												
Cold water	required at sink and lavatory												
Drainage	required at sink and lavatory												
Gas	NA												
Compressed air	NA												
Steam	NA												
Others													
DIRECT DEMANDS ON FLOOR AND WALL													
Loading	NA												
Spillage	SLIGHT : occasional : frequent												
Foot traffic	light : medium : HEAVY												
Wheel traffic	LIGHT : medium : heavy												
Impacts	NA												
Abrasion	NA												
Easy maintenance	ESSENTIAL : desirable : unnecessary												
Vibration free	ESSENTIAL : desirable : unnecessary												
Door sets	ordinary access door with vision panel												
Windows	clear, solar control, privacy control												
Internal glazing	clear												
		<p>Key</p> <table border="0"> <tr> <td>1 Table, 600x900</td> <td>6 Sink in counter with gooseneck and knee control</td> </tr> <tr> <td>2 Waste paper receptacle</td> <td>7 Counter, 900mm high with cabinets below</td> </tr> <tr> <td>3 Lavatory with gooseneck spout and knee control</td> <td>8 Wall cabinet</td> </tr> <tr> <td>4 Chair, upright, stacking</td> <td>9 Refrigerator, 6 cu. ft.</td> </tr> <tr> <td>5 Desk, 750x1200</td> <td></td> </tr> </table>		1 Table, 600x900	6 Sink in counter with gooseneck and knee control	2 Waste paper receptacle	7 Counter, 900mm high with cabinets below	3 Lavatory with gooseneck spout and knee control	8 Wall cabinet	4 Chair, upright, stacking	9 Refrigerator, 6 cu. ft.	5 Desk, 750x1200	
1 Table, 600x900	6 Sink in counter with gooseneck and knee control												
2 Waste paper receptacle	7 Counter, 900mm high with cabinets below												
3 Lavatory with gooseneck spout and knee control	8 Wall cabinet												
4 Chair, upright, stacking	9 Refrigerator, 6 cu. ft.												
5 Desk, 750x1200													
		SPACE DEMANDS (Total Minimum Space Required in sq.m.) : 15.00											
		Space Components	Minimum Space Required/Component										
		REGULATIONS AND NOTES:											

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE	
Updated Reference: November 1991	Department: NURSERY	Room Title: SEPTIC NURSERY AND WORK ROOM	Reference Sheet Number: 100B-CL-RDS26A	
FUNCTIONAL DESIGN REQUIREMENTS:				
<p>This activity space provides facilities needed for the following activities:</p> <ul style="list-style-type: none"> a. A new born baby is brought in from the Delivery Room. b. A new born baby elsewhere is brought in for admission. c. Nurse administers nursing care clinical procedures to baby d. Nurse examines baby and records data gathered. e. Nurse weigh baby. f. Nurse prepares baby, i.e., cleans and dresses baby. g. Nurse places baby in the bassinet. <p>People Involved:</p> <ul style="list-style-type: none"> 2 x New born infants 1 x Residents Physician 1 x Nurse 1 x Nursing Attendant <p>Planning Relationships:</p> <ul style="list-style-type: none"> a. Adjacent to Breastfeeding and Work Room b. Close to Delivery Room. c. Close to Labor Room. d. Close to Operating Room. <p>This activity space provides facilities needed for the delivery of General Patient Care.</p>	EQUIPMENT AND ACCESSORY CHECKLIST	QUANTITY	REMARKS	
	Bassinet	2		
	Lavatory with gooseneck spout and knee control	1		
	Waste paper receptacle	1		
Sanitary waste receptacle	1			
Linen hamper	1			
Sink in counter with gooseneck and knee control	1			
Single element hot plate	1			
Instrument sterilizer	1			
	FURNITURE AND FIXTURE CHECKLIST	QUANTITY	REMARKS	
	Bedside cabinet	2		
	Table, 400x600	1	for infant scale	
	Counter, 900mm high, with cabinets below			
	Wall cabinet			
	Counter, 900mm high, open below			
	Stool	1		
	ADDITIONAL EQUIPMENT AND ENGINEERING TERMINALS	QUANTITY	REMARKS	
	Rail, curtain, window	1		
	Outlet, intercom	1		
	Outlet, 10A, 2P, 240V, duplex	7	grounding type: parallel slots	
	Outlet, 15A, 2P, 240V, single	2	grounding type, tandem slots	
	Outlet, telephone	1		
	Smoke detector	1		

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: NURSERY	Room Title: SEPTIC NURSERY AND WORK ROOM	Reference Sheet Number: 100B-CL-RDS26C
TECHNICAL DESIGN DATA:		LAYOUT OF ROOM AND SPACE COMPONENTS:	
DIRECT SERVICES		DESIGN DATA	
Disposal	hospital solid waste type :A,E,F		
Hot water	required at lavatory and sink		
Cold water	required at lavatory and sink		
Drainage	provide floor drain at Work Room		
Gas	NA		
Compressed air	NA		
Steam	NA		
Others			
DIRECT DEMANDS ON FLOOR AND WALL			
Loading	NA		
Spillage	SLIGHT :occasional :frequent		
Foot traffic	light : MEDIUM : heavy		
Wheel traffic	light : MEDIUM : heavy		
Impacts	NA		
Abrasion	NA		
Easy maintenance	ESSENTIAL: desirable: unnecessary		
Vibration free	ESSENTIAL: desirable: unnecessary		
Door sets	ordinary access door with vision panel		
Windows	clear, solar control, privacy control		
Internal glazing	clear, privacy control		
		Scale 1:100 mts.	
		Key 1. Bassinet 2. Bedside cabinet 3. Table, 400x600, for infant scale 4. Lavatory with gooseneck spout and knee control 5. Sanitary waste receptacle 6. Waste paper receptacle 7. Linen hamper 8. Sink in counter w/gooseneck spout and knee control 9. Counter, 900mm high, with cabinets below 10. Single element hot plate 11. Wall cabinet 12. Counter, 900m high, open below 13. Stool 14. Cubicle partition, 1700mm high clear glass in upper panel 15. Instrument sterilizer 16. Pass window	
		SPACE DEMANDS (Total Minimum Space Required in sq.m.): 15.00	
		Space Components	Minimum Space Required/Component
		Septic Nursery	10.00 sq.m.
		Work Room	5.00 sq.m.
REGULATIONS AND NOTES:			
Minimum area : 3.70 sq.m. per bassinet (suspect)			

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: NURSERY	Room Title: SUSPECT/PATHOLOGIC NURSERY AND WORK ROOM	Reference Sheet Number: 100B-CL-RDS27A
FUNCTIONAL DESIGN REQUIREMENTS:			
<p>This activity space provides facilities needed for the following activities:</p> <ul style="list-style-type: none"> a. A new born premature baby is brought in from the delivery Room. b. Nurse administers nursing care clinical procedures to baby. c. Nurse measures baby's height and head circumference d. Nurse weigh baby. e. Nurse records data gathered. f. Nurse prepares baby, i.e. cleans and dresses baby. g. Nurse places baby in the bassinet. <p>People Involved.</p> <ul style="list-style-type: none"> 6 x New born infants 1 x Nurse 1 x Nursing Attendant <p>Planning Relationships</p> <ul style="list-style-type: none"> a. Adjacent to Nurse Station and Work Room. b. Closet to Delivery Room. c. Close to Labor Room. d. Close to Operating Room. <p>This activity space provides facilities needed for the delivery of General Patient Care.</p>	EQUIPMENT AND ACCESSORY CHECKLIST	QUANTITY	REMARKS
	<ul style="list-style-type: none"> Lavatory with gooseneck spout and knee control Instrument sterilizer Single element hot plate Linen hamper Bassinet Waste paper receptacle Sanitary waste receptacle Incubator Sink in counter with gooseneck and knee control 	<ul style="list-style-type: none"> 1 1 1 1 5 1 1 1 1 	
	FURNITURE AND FIXTURE CHECKLIST	QUANTITY	REMARKS
	<ul style="list-style-type: none"> 1 1 6 	for infant scale	
	<ul style="list-style-type: none"> Table, 400x600 Stool Bedside cabinet Counter, 900mm high, with cabinet below Wall cabinet Counter, 900mm high, open below Cubicle partition, 1700mm high, clear glass in upper panels 		
	ADDITIONAL EQUIPMENT AND ENGINEERING TERMINALS	QUANTITY	REMARKS
	<ul style="list-style-type: none"> Rail, curtain, window Outlet, intercom Outlet, 10A, 2P, 240V duplex Outlet, 15A, 2P, 240V single Outlet, 15A, 2P, 240V, duplex Smoke detector 	<ul style="list-style-type: none"> 1 2 15 1 1 1 	<ul style="list-style-type: none"> grounding type, parallel slots grounding type, tandem slots grounding type, tandem slots

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE	
Updated Reference: November 1991	Department: NURSERY	Room Title: SUSPECT/PATHOLOGIC NURSERY AND WORK ROOM	Reference Sheet Number: 100B-CL-RDS27C	
TECHNICAL DESIGN DATA:		LAYOUT OF ROOM AND SPACE COMPONENTS:		
DIRECT SERVICES		DESIGN DATA		
Disposal	hospital solid waste type : A,E,F			
Hot water	required at sink and lavatory			
Cold water	required at sink and lavatory			
Drainage	provide floor drain at Work Room			
Gas	NA			
Compressed air	NA			
Steam	NA			
Others				
DIRECT DEMANDS ON FLOOR AND WALL				
Loading	NA			
Spillage	SLIGHT : occasional : frequent			
Foot traffic	light : MEDIUM : heavy			
Wheel traffic	light : MEDIUM : heavy			
Impacts	NA			
Abrasion	NA			
Easy maintenance	ESSENTIAL : desirable : unnecessary			
Vibration free	ESSENTIAL : desirable : unnecessary			
Door sets	ordinary access door with vision panel			
Windows	clear, solar control, privacy control			
Internal glazing	clear, privacy control			
		Key 1. Bassinet 2. Bedside cabinet 3. Table, 400x600, for infant scale 4. Lavatory with gooseneck spout and knee control 5. Sanitary waste receptacle 6. Waste paper receptacle 7. Linen hamper 8. Sink in counter w/gooseneck spout and knee control 9. Counter, 900mm high with cabinets below 10. Counter, 900mm high open below 11. Wall cabinet 12. Stool 13. Cubicle partition, 1700mm high clear glass in upper panels 14. Incubator 15. Single element hot plate 16. Instrument sterilizer 17. Pass window		
SPACE DEMANDS (Total Minimum Space Required in sq.m.): 24.00				
		Space Components	Minimum Space Required/Component	
		Premature Nursery	16.00 sq.m.	
		Work Room	8.00 sq.m.	
		REGULATIONS AND NOTES:		
		Minimum area : 2.78 sq.m. per bassinet (full term and premature)		

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: NURSERY	Room Title: BREASTFEEDING ROOM	Reference Sheet Number: 100B-CL-RDS28A
FUNCTIONAL DESIGN REQUIREMENTS:			
<p>This activity space provides facilities needed for the following activities:</p> <ul style="list-style-type: none"> a. Nurse brings in newborn infant to waiting mother for breastfeeding. b. Nurse assist mothers in breastfeeding their babies <p>People Involved:</p> <ul style="list-style-type: none"> 1 x Nurse Newborn infants mother <p>Planning Relationships:</p> <ul style="list-style-type: none"> a. Adjacent to Nurse Station and Septic Nursery 	EQUIPMENT AND ACCESSORY CHECKLIST	QUANTITY	REMARKS
	Lavatory with gooseneck spout and knee control	1	
	Hand drier	1	
	Soap dispenser	1	
	Waste paper receptacle	1	
	FURNITURE AND FIXTURE CHECKLIST	QUANTITY	REMARKS
Sofa, 750 x 2000	2		
Coffee table	1		
	ADDITIONAL EQUIPMENT AND ENGINEERING TERMINALS	QUANTITY	REMARKS
Rail, curtain, window	1		
Outlet, 10A, 2P, 240V	3	grounding type, parallel slots	
Outlet, 15A, 2P, 240V	2	grounding type, tandem slots	

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE																								
Updated Reference: November 1991	Department: NURSERY	Room Title: BREASTFEEDING ROOM	Reference Sheet Number: 100B-CL-RDS28C																								
TECHNICAL DESIGN DATA:		LAYOUT OF ROOM AND SPACE COMPONENTS:																									
<table border="1"> <thead> <tr> <th>DIRECT SERVICES</th> <th>DESIGN DATA</th> </tr> </thead> <tbody> <tr> <td>Disposal</td> <td>hospital solid waste type: A</td> </tr> <tr> <td>Hot water</td> <td>required at sink and lavatory</td> </tr> <tr> <td>Cold water</td> <td>required at sink and lavatory</td> </tr> <tr> <td>Drainage</td> <td>provide floor drain</td> </tr> <tr> <td>Gas</td> <td>NA</td> </tr> <tr> <td>Compressed air</td> <td>NA</td> </tr> <tr> <td>Steam</td> <td>NA</td> </tr> <tr> <td>Others</td> <td></td> </tr> </tbody> </table>		DIRECT SERVICES	DESIGN DATA	Disposal	hospital solid waste type: A	Hot water	required at sink and lavatory	Cold water	required at sink and lavatory	Drainage	provide floor drain	Gas	NA	Compressed air	NA	Steam	NA	Others		<p style="text-align: right;">Scale 1:100 mts.</p> <p>Key</p> <table border="0"> <tr> <td>1 Sofa, 750x2000</td> <td>4 Waste paper receptacle</td> </tr> <tr> <td>2 Coffee table</td> <td>5 Soap dispenser</td> </tr> <tr> <td>3 Lavatory with gooseneck and knee control</td> <td>6 Hand drier</td> </tr> </table>		1 Sofa, 750x2000	4 Waste paper receptacle	2 Coffee table	5 Soap dispenser	3 Lavatory with gooseneck and knee control	6 Hand drier
DIRECT SERVICES	DESIGN DATA																										
Disposal	hospital solid waste type: A																										
Hot water	required at sink and lavatory																										
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Drainage	provide floor drain																										
Gas	NA																										
Compressed air	NA																										
Steam	NA																										
Others																											
1 Sofa, 750x2000	4 Waste paper receptacle																										
2 Coffee table	5 Soap dispenser																										
3 Lavatory with gooseneck and knee control	6 Hand drier																										
DIRECT DEMANDS ON FLOOR AND WALL																											
Loading	NA																										
Spillage	slight : OCCASIONAL : frequent																										
Foot traffic	LIGHT : medium : heavy																										
Wheel traffic	LIGHT : medium : heavy																										
Impacts	NA																										
Abrasion	NA																										
Easy maintenance	ESSENTIAL: desirable unnecessary																										
Vibration free	ESSENTIAL: desirable unnecessary																										
Door sets	ordinary access door																										
	with vision panel																										
Windows	clear, solar control, privacy																										
	control																										
Internal glazing	clear																										
		SPACE DEMANDS (Total Minimum Space Required in sq.m.): 10.00																									
		Space Components	Minimum Space Required/Component																								
		REGULATIONS AND NOTES:																									

Hospital:	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Tertiary, 100-Bed			
Updated Reference: November 1991	Department: EMERGENCY	Room Title: OBSERVATION ROOM	Reference Sheet Number: 100B-CL-RDS04C
TECHNICAL DESIGN DATA:		LAYOUT OF ROOM AND SPACE COMPONENTS:	
DIRECT SERVICES	DESIGN DATA	Scale 1:100 mts.	
Disposal	hospital solid waste type: A,F		
Hot water	required at lavatory		
Cold water	required at toilet and lavatory		
Drainage	required at lavatory, toilet fixtures and floor		
Gas	NA		
Compressed air	NA		
Steam	NA		
Others			
DIRECT DEMANDS ON FLOOR AND WALL			
Loading	NA		
Spillage	SLIGHT : occasional : frequent		
Foot traffic	LIGHT : medium : heavy		
Wheel traffic	LIGHT : medium : heavy		
Impacts	NA		
Abrasion	NA		
Easy maintenance	ESSENTIAL: desirable: unnecessary	SPACE DEMANDS (Total Minimum Space Required in sq.m.): 42.00	
Vibration free	ESSENTIAL: desirable: unnecessary	Space Components	Minimum Space Required/Component
Door sets	bed; stretcher trolley, wheel chair access w/vision panel	Observation Area	38.50 sq.m.
Windows	clear, solar control, privacy control	toilet	3.50 sq.m.
Internal glazing	nil	REGULATIONS AND NOTES:	

Hospital: Tertiary, 100-Bed		ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE	
Updated Reference: November 1991		Department: OB-GYNE	Room Title: LABOR ROOM	Reference Sheet Number: 100B-CL-RDS10C	
TECHNICAL DESIGN DATA:			LAYOUT OF ROOM AND SPACE COMPONENTS:		
DIRECT SERVICES		DESIGN DATA			
Disposal		hospital solid waste type : A			
Hot water		required at toilet and lavatory			
Cold water		required at toilet and lavatory			
Drainage		provide floor drain at toilet			
Gas		NA			
Compressed air		NA			
Steam		NA			
Others					
DIRECT DEMANDS ON FLOOR AND WALL					
Loading		NA			
Spillage		SLIGHT : occasional : frequent			
Foot traffic		LIGHT : medium : heavy			
Wheel traffic		LIGHT : medium : heavy			
Impacts		NA			
Abrasion		NA			
Easy maintenance		ESSENTIAL : desirable : unnecessary			
Vibration free		ESSENTIAL : desirable : unnecessary			
Door sets		obstetrical bed, stretcher trolley wheelchair access			
Windows		clear, solar control, privacy control			
Internal glazing		nil			
			Scale 1:200 mts		
			Key 1. Labor bed 2. Footstool 3. Bedside cabinet 4. Chair, upright, stacking 5. Instrument table 6. Waste receptacle 7. Lavatory with gooseneck spout knee control 8. Examining light 9. Nurses' calling station 10. Bed light 11. Desk, 750x1200 12. Shelving 13. Curtain and rod 14. Clock		
			SPACE DEMANDS (Total Minimum Space Required in sq.m.): 54.00		
		Space Components	Minimum Space Required/Component		
		Labor Room	50.26 sq.m.		
		Toilet	2.24 sq.m.		
		Storage	1.50 sq.m.		
REGULATIONS AND NOTES:					
1 labor bed per 10 maternity bed					

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: SURGICAL	Room Title: SCRUB-UP	Reference Sheet Number: 100B-CL-RDS11B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg.C)	ave. local station temp. reading	General illumination (LUX)	500
Room Temperature (deg. C)	25	Night illumination (LUX)	NA
Mechanical ventilation:		Task illumination (LUX)	NA
Volume (cu.m./hr.-person)	12.75	Colour rendering	ESSENTIAL : desirable : unnecessary
Velocity (m./hr.)	900	Standby light	ESSENTIAL : desirable : unnecessary
Pressure:		Emergency light	essential : DESIRABLE : unnecessary
Exhaust (psi)	NA	Daylight	essential : desirable : UNNECESSARY
Inlet (psi)	NA	View out	essential : desirable : UNNECESSARY
%Dust filtration	93% - 99% @ 1 micron	Privacy	essential : desirable : UNNECESSARY
Humidity (%RH)	50%	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	0.5		
SOUND		SAFETY	
Acceptable sound level (db)	60	Accessible hot surface:	NA
Speech privacy	essential: desirable: UNNECESSARY	Maximum temperature (deg. C)	NA
Quality which cannot be tolerated	tonal impact	Domestic hot water:	at scrub sink
		Maximum temperature (deg. C)	70
		Access limit	medical staff
		Fire risk	LOW : medium : high
		Other risks	NA

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: SURGERY	Room Title: SURGICAL SUPERVISOR'S AREA	Reference Sheet Number: 100B-CL-RDS13B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS		DESIGN DATA	
ENVIRONMENTAL CONDITIONS		DESIGN DATA	
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg.C)	ave. local station temp. reading	General illumination (LUX)	
Room Temperature (deg. C)	25	Night illumination (LUX)	
Mechanical ventilation:		Task illumination (LUX)	
Volume (cu.m /hr.-person)	12.75	Colour rendering	essential : desirable : UNNECESSARY
Velocity (m./hr.)	750	Standby light	essential : DESIRABLE ; unnecessary
Pressure:		Emergency light	essential : DESIRABLE : unnecessary
Exhaust (psi)	NA	Daylight	essential : desirable : UNNECESSARY
Inlet (psi)	NA	View out	essential : desirable : UNNECESSARY
%Dust filtration	93% - 99% @ 1 micron	Privacy	essential : DESIRABLE : unnecessary
Humidity (%RH)	50	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	0.5		
SOUND		SAFETY	
Acceptable sound level (db)	50	Accessible hot surface:	NA
Speech privacy	ESSENTIAL: desirable: unnecessary	Maximum temperature (deg. C)	NA
Quality which cannot be	tonal impact	Domestic hot water:	NA
tolerated		Maximum temperature (deg. C)	NA
		Access limit	medical staff
		Fire risk	LOW : medium : high
		Other risk	NA

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: SURGERY	Room Title: ANESTHESIOLOGIST'S AREA	Reference Sheet Number: 100B-CL-RDS14B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg. C)	ave. local station temp. reading	General illumination (LUX)	500
Room Temperature (deg. C)	25	Night illumination (LUX)	NA
Mechanical ventilation:		Task illumination (LUX)	NA
Volume (cu m./hr.-person)	12.75	Colour rendering	essential : desirable : UNNECESSARY
Velocity (m./hr.)	900	Standby light	essential : DESIRABLE : unnecessary
Pressure:		Emergency light	essential : DESIRABLE : unnecessary
Exhaust (psi)	NA	Daylight	essential : desirable : UNNECESSARY
Inlet (psi)	NA	View out	essential : desirable : UNNECESSARY
%Dust filtration	93% - 99% @ 1 micron	Privacy	essential : desirable : UNNECESSARY
Humidity (%RH)	50%	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	4		
	4 Laundry Hamper		
SOUND		SAFETY	
Acceptable sound level (db)	50	Accessible hot surface:	NA
Speech privacy	essential : desirable : UNNECESSARY	Maximum temperature (deg. C)	NA
Quality which cannot be tolerated	tonal impact	Domestic hot water:	NA
		Maximum temperature (deg. C)	NA
		Access limit	medical staff
		Fire risk	LOW : medium : high
		Other risks	NA

Hospital	ROOM DATA SHEET		Department of Health
Tertiary, 100-Bed			HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: SURGERY	Room Title: ANESTHESIA STORAGE	Reference Sheet Number: 100B-CL-RDS15B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR:		LIGHTING AND VISUAL	
Outdoor air temperature (deg. C)	ave. local station temp. reading	General illumination (LUX)	250
Room Temperature	ambient	Night illumination (LUX)	NA
Mechanical ventilation		Task illumination (LUX)	NA
Volume (cu.m./hr.-person)	12.75	Colour rendering	essential: DESIRABLE: unnecessary
Velocity (m/hr.)	900	Standby light	ESSENTIAL: desirable: unnecessary
Pressure:		Emergency light	essential: DESIRABLE: unnecessary
Exhaust (psi)	NA	Daylight	essential: DESIRABLE: unnecessary
Inlet (psi)	NA	View out	essential: DESIRABLE: unnecessary
% Dust filtration	NA	Privacy	essential: desirable: UNNECESSARY
Humidity (%RH)	NA	Black out	essential: desirable: UNNECESSARY
Cooling load (TR)	NA		
SOUND:		SAFETY:	
Acceptable sound level (db)	50	Accessible hot surface:	NA
Speech privacy	essential: desirable: UNNECESSARY	Maximum temperature (deg. C)	NA
Quality which cannot be	NA	Domestic hot water:	NA
tolerated		Maximum temperature (deg. C)	NA
		Access limit	medical staff
		Fire risk	LOW: medium: high
		Other risks	NA

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: SURGERY	Room Title: CLEAN-UP ROOM	Reference Sheet Number: 100B-CL-RDS17B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg.C)		General illumination (LUX)	500
Room Temperature (deg. C)	25	Night illumination (LUX)	NA
Mechanical ventilation:		Task illumination (LUX)	NA
Volume (cu.m./hr.-person)	12.75	Colour rendering	ESSENTIAL : desirable : unnecessary
Velocity (m./hr.)	900	Standby light	ESSENTIAL : desirable : unnecessary
Pressure:		Emergency light	ESSENTIAL : desirable : unnecessary
Exhaust (psi)	NA	Daylight	essential : desirable : UNNECESSARY
Inlet (psi)	NA	View out	essential : desirable : UNNECESSARY
%Dust filtration	93% - 99% @ 1 micron	Privacy	essential : DESIRABLE : unnecessary
Humidity (%RH)	50	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	1		
SOUND			
Acceptable sound level (db)	50	SAFETY	
Speech privacy	essential : DESIRABLE : unnecessary	Accessible hot surface:	NA
Quality which cannot be tolerated	NA	Maximum temperature (deg. C)	NA
		Domestic hot water:	NA
		Maximum temperature (deg. C)	NA
		Access limit	medical staff
		Fire risk	low : MEDIUM : high
		Other risk	NA

Hospital	ROOM DATA SHEET		Department of Health
Tertiary, 100-Bed			HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: SURGERY	Room Title: STAFF LOCKER ROOM AND TOILET	Reference Sheet Number: 100B-CL-RDS18B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg. C)	avg. local station temp. reading	General illumination (LUX)	250
Room Temperature	ambient	Night illumination (LUX)	NA
Mechanical ventilation		Task illumination (LUX)	NA
Volume (cu.m./hr.-person)	NA	Colour rendering	essential: DESIRABLE: unnecessary
Velocity (m.hr.)	NA	Standby light	essential: DESIRABLE: unnecessary
Pressure:		Emergency light	essential: DESIRABLE: unnecessary
Exhaust (psi)	NA	Daylight	essential: DESIRABLE: unnecessary
Inlet (psi)	NA	View out	essential: desirable: UNNECESSARY
% Dust filtration	NA	Privacy	ESSENTIAL: desirable: unnecessary
Humidity (%RH)	NA	Black out	essential: desirable: UNNECESSARY
Cooling load (TR)	NA		
SOUND		SAFETY	
Acceptable sound level (db)	60	Accessible hot surface:	NA
Speech privacy	essential: DESIRABLE: unnecessary	Maximum temperature (deg. C)	NA
Quality which cannot be	tonal impact	Domestic hot water:	at toilet and bath:
tolerated		Maximum temperature (deg. C)	70
		Access limit	medical staff
		Fire risk	LOW: medium: high
		Other risks	NA

Hospital	ROOM DATA SHEET		Department of Health
Tertiary, 100-Bed			HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: SURGERY	Room Title: STAFF LOUNGE	Reference Sheet Number: 100B-CL-RDS19B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg. C)	ave. local station temp. reading	General illumination (LUX)	150
Room Temperature	25	Night illumination (LUX)	NA
Mechanical ventilation		Task illumination (LUX)	NA
Volume (cu. m /hr -person)	12.75	Colour rendering	essential; desirable; UNNECESSARY
Velocity (m/hr.)	750	Standby light	essential; DESIRABLE; unnecessary
Pressure:		Emergency light	essential; DESIRABLE; unnecessary
Exhaust (psi)	NA	Daylight	essential; desirable; UNNECESSARY
Inlet (psi)	NA	View out	essential; DESIRABLE; unnecessary
% Dust filtration	93% - 99% @ 1 micron	Privacy	ESSENTIAL; desirable; unnecessary
Humidity (%RH)	50%	Black out	essential; desirable; UNNECESSARY
Cooling load (TR)	1.2		
SOUND		SAFETY	
Acceptable sound level (db)	50	Accessible hot surface:	NA
Speech privacy	essential; DESIRABLE; unnecessary	Maximum temperature (deg. C)	NA
Quality which cannot be	tonal impact	Domestic hot water:	NA
tolerated		Maximum temperature (deg. C)	NA
		Access limit	medical staff
		Fire risk	LOW; medium; high
		Other risks	NA

Hospital	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Tertiary, 100-Bed			
Updated Reference: November 1991	Department: NURSERY	Room Title: BREASTFEEDING ROOM	Reference Sheet Number: 100B-CL-RDS28B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg. C)	ave. local station temp. reading	General illumination (LUX)	500
Room Temperature	25	Night illumination (LUX)	NA
Mechanical ventilation		Task illumination (LUX)	NA
Volume (cu.m./hr.-person)	12.75	Colour rendering	ESSENTIAL : desirable : unnecessary
Velocity (m.hr.)	750	Standby light	ESSENTIAL : desirable : unnecessary
Pressure:		Emergency light	essential : DESIRABLE : unnecessary
Exhaust (psi)	NA	Daylight	essential : desirable : UNNECESSARY
Inlet (psi)	NA	View out	essential : DESIRABLE : unnecessary
% Dust filtration	93%-99% @ 1 micron	Privacy	essential : DESIRABLE : unnecessary
Humidity (%RH)	50%	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	1		
SOUND		SAFETY	
Acceptable sound level (db)	50	Accessible hot surface:	
Speech privacy	essential : DESIRABLE : unnecessary	Maximum temperature (deg. C)	NA
Quality which cannot be tolerated	NA	Domestic hot water:	
		Maximum temperature (deg. C)	NA
		Access limit	medical : staff
		Fire risk	low : MEDIUM : high
		Other risks	NA

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department SURGERY	Room Title: STRETCHER NOOK AND TRANSFER	Reference Sheet Number: 100B-CL-RDS29B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg.C)	ave. local station temp. reading	General illumination (LUX)	250
Room Temperature (deg. C)	atmospheric	Night illumination (LUX)	NA
Mechanical ventilation:		Task illumination (LUX)	NA
Volume (cu.m./hr.-person)	NA	Colour rendering	essential : DESIRABLE : unnecessary
Velocity (m./hr.)	NA	Standby light	essential : DESIRABLE : unnecessary
Pressure:		Emergency light	essential : DESIRABLE : unnecessary
Exhaust (psi)	NA	Daylight	essential : desirable : UNNECESSARY
Inlet (psi)	NA	View out	essential : desirable : UNNECESSARY
%Dust filtration	NA	Privacy	essential : desirable : UNNECESSARY
Humidity (%RH)	NA	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	NA		
SOUND:		SAFETY	
Acceptable sound level (db)	60	Accessible hot surface:	NA
Speech privacy	essential : desirable : UNNECESSARY	Maximum temperature (deg. C)	NA
Quality which cannot be	tonal impact	Domestic hot water:	NA
tolerated		Maximum temperature (deg. C)	NA
		Access limit	medical staff & patient
		Fire risk	LOW : medium : high
		Other risks	NA

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: SURGERY	Room Title: STORAGE ROOM	Reference Sheet Number: 100B-CL-RDS30B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR:		LIGHTING AND VISUAL	
Outdoor air temperature (deg.C)	ave. local station temp. reading	General illumination (LUX)	250
Room Temperature (deg. C)	atmospheric	Night illumination (LUX)	NA
Mechanical ventilation:		Task illumination (LUX)	NA
Volume (cu.m./hr.-person)	NA	Colour rendering	essential : DESIRABLE : unnecessary
Velocity (m./hr.)	NA	Standby light	essential : DESIRABLE : unnecessary
Pressure:		Emergency light	essential : DESIRABLE : unnecessary
Exhaust (psi)	NA	Daylight	essential : desirable : UNNECESSARY
Inlet (psi)	NA	View out	essential : desirable : UNNECESSARY
%Dust filtration	NA	Privacy	essential : desirable : UNNECESSARY
Humidity (%RH)	NA	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	NA		
SOUND		SAFETY	
Acceptable sound level (db)	60	Accessible hot surface:	NA
Speech privacy	essential : desirable : UNNECESSARY	Maximum temperature (deg. C)	NA
Quality which cannot be	NA	Domestic hot water:	NA
tolerated		Maximum temperature (deg. C)	NA
		Access limit	maintenance staff
		Fire risk	LOW : medium : high
		Other risks	NA

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: SURGERY	Room Title: OPERATING ROOM	Reference Sheet Number: 100B-CL-RDS08B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS		DESIGN DATA	
ENVIRONMENTAL CONDITIONS		DESIGN DATA	
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg.C)	ave. local station temp. reading	General illumination (LUX)	750-1000
Room Temperature (deg. C)	25	Night illumination (LUX)	NA
Mechanical ventilation:		Task illumination (LUX)	20,000 - 40,000
Volume (cu.m./hr.-person)	12.75	Colour rendering	ESSENTIAL : desirable : unnecessary
Velocity (m./hr.)	900	Standby light	ESSENTIAL : desirable : unnecessary
Pressure:		Emergency light	ESSENTIAL : desirable : unnecessary
Exhaust (psi)	NA	Daylight	essential : desirable : UNNECESSARY
Inlet (psi)	NA	View out	essential : desirable : UNNECESSARY
%Dust filtration	93% - 99% @ 1 micron	Privacy	ESSENTIAL : desirable : unnecessary
Humidity (%RH)	50	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	3		
SOUND		SAFETY	
Acceptable sound level (db)	40	Accessible hot surface:	NA
Speech privacy	ESSENTIAL : desirable : unnecessary	Maximum temperature (deg. C)	NA
Quality which cannot be tolerated	tonal impact	Domestic hot water:	NA
		Maximum temperature (deg. C)	NA
		Access limit	medical staff and patient
		Fire risk	low : medium : HIGH
		Other risks	NA

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: EMERGENCY	Room Title: DOCTORS' ON DUTY ROOM	Reference Sheet Number: 100B-CL-RDS06B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg. C)	ave. local station temp. reading	General illumination (LUX)	250
Room Temperature (deg. C)	25	Night illumination (LUX)	NA
Mechanical ventilation:		Task illumination (LUX)	NA
Volume (cu.m./hr.-person)	12.75	Colour rendering	essential : DESIRABLE : unnecessary
Velocity (m./hr.)	750	Standby light	essential : DESIRABLE : unnecessary
Pressure:		Emergency light	essential : desirable : UNNECESSARY
Exhaust (psi)	NA	Daylight	essential : desirable : UNNECESSARY
Inlet (psi)	NA	View out	essential : desirable : UNNECESSARY
%Dust filtration	93% - 99% @ 1 micron	Privacy	ESSENTIAL : desirable : unnecessary
Humidity (%RH)	50	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	2		
SOUND		SAFETY	
Acceptable sound level (db)	50	Accessible hot surface:	NA
Speech privacy	essential : DESIRABLE : unnecessary	Maximum temperature (deg. C)	NA
Quality which cannot be tolerated	tonal impact	Domestic hot water:	at lavatory
		Maximum temperature (deg. C)	NA
		Access limit	medical staff
		Fire risk	LOW : medium : high
		Other risks	NA

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: EMERGENCY	Room Title: NURSES' LOCKER ROOM	Reference Sheet Number: 100B-CL-RDS07B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg.C)	ave. local station temp. reading	General illumination (LUX)	250
Room Temperature (deg. C)	ambient	Night illumination (LUX)	NA
Mechanical ventilation:		Task illumination (LUX)	NA
Volume (cu.m./hr.-person)	NA	Colour rendering	essential : desirable : UNNECESSARY
Velocity (m./hr.)	NA	Standby light	essential : DESIRABLE : unnecessary
Pressure:		Emergency light	essential : desirable : UNNECESSARY
Exhaust (psi)	NA	Daylight	essential : desirable : UNNECESSARY
Inlet (psi)	NA	View out	essential : desirable : UNNECESSARY
%Dust filtration	NA	Privacy	ESSENTIAL : desirable : unnecessary
Humidity (%RH)	NA	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	NA		
SOUND		SAFETY	
Acceptable sound level (db)	60	Accessible hot surface:	NA
Speech privacy	essential : DESIRABLE : unnecessary	Maximum temperature (deg. C)	NA
Quality which cannot be tolerated	tonal impact	Domestic hot water:	at lavatory
		Maximum temperature (deg. C)	70
		Access limit	nursing staff
		Fire risk	LOW : medium : high
		Other risks	NA

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: EMERGENCY	Room Title: MINOR OPERATING ROOM	Reference Sheet Number: 100B-CL-RDS02B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg C)	ave. local station temp. reading	General illumination (LUX)	500-750
Room Temperature (deg C)	25	Night illumination (LUX)	NA
Mechanical ventilation:		Task illumination (LUX)	20,000
Volume (cu m./hr.-person)	12.75	Colour rendering	ESSENTIAL : desirable : unnecessary
Velocity (m./hr.)	900	Standby light	ESSENTIAL : desirable : unnecessary
Pressure:		Emergency light	ESSENTIAL : desirable : unnecessary
Exhaust (psi)	NA	Daylight	essential : desirable : UNNECESSARY
Inlet (psi)	NA	View out	essential : desirable : UNNECESSARY
%Dust filtration	93% - 99% @ 1 micron	Privacy	ESSENTIAL : desirable : unnecessary
Humidity (%RH)	50	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	1.5		
SOUND		SAFETY	
Acceptable sound level (db)	50	Accessible hot surface:	NA
Speech privacy	ESSENTIAL : desirable unnecessary	Maximum temperature (deg. C)	NA
Quality which cannot be tolerated	tonal impact	Domestic hot water:	at sink
		Maximum temperature (deg. C)	70
		Access limit	patient and ER staff
		Fire risk	low : medium : HIGH
		Other risk	NA

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: EMERGENCY	Room Title: TREATMENT CUBICLES	Reference Sheet Number: 100B-CL-RDS03B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg. C)	ave. local station temp. reading	General illumination (LUX)	500-750
Room Temperature (deg. C)	25	Night illumination (LUX)	NA
Mechanical ventilation:		Task illumination (LUX)	10,000
Volume (cu.m./hr.-person)	12.75	Colour rendering	ESSENTIAL : desirable : unnecessary
Velocity (m /hr.)	900	Standby light	ESSENTIAL : desirable : unnecessary
Pressure:		Emergency light	ESSENTIAL : desirable : unnecessary
Exhaust (psi)	NA	Daylight	essential : DESIRABLE : unnecessary
Inlet (psi)	NA	View out	essential : desirable : UNNECESSARY
%Dust filtration	93% - 99% @ 1 micron	Privacy	ESSENTIAL : desirable : unnecessary
Humidity (%RH)	50	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	1		
SOUND		SAFETY	
Acceptable sound level (db)	50	Accessible hot surface:	NA
Speech privacy	ESSENTIAL desirable unnecessary	Maximum temperature (deg. C)	NA
Quality which cannot be tolerated	tonal impact	Domestic hot water:	NA
		Maximum temperature (deg. C)	NA
		Access limit	medical staff & patients
		Fire risk	LOW : medium : high
		Other risks	NA

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: EMERGENCY	Room Title: OBSERVATION ROOM	Reference Sheet Number: 100B-CL-RDS04B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg.C)	ave. local station temp. reading	General illumination (LUX)	500-750
Room Temperature (deg. C)	25	Night illumination (LUX)	NA
Mechanical ventilation:		Task illumination (LUX)	1,000
Volume (cu.m./hr.-person)	12.75	Colour rendering	ESSENTIAL : desirable : unnecessary
Velocity (m./hr.)	750	Standby light	ESSENTIAL : desirable : unnecessary
Pressure:		Emergency light	ESSENTIAL : desirable : unnecessary
Exhaust (psi)	NA	Daylight	essential : DESIRABLE : unnecessary
Inlet (psi)	NA	View out	essential : desirable : UNNECESSARY
%Dust filtration	93% - 99% @ 1 micron	Privacy	ESSENTIAL : desirable : unnecessary
Humidity (%RH)	50	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	3		
SOUND		SAFETY	
Acceptable sound level (db)	50	Accessible hot surface:	NA
Speech privacy	essential : DESIRABLE : unnecessary	Maximum temperature (deg. C)	NA
Quality which cannot be tolerated	tonal impact	Domestic hot water:	at Lavatory
		Maximum temperature (deg. C)	70
		Access limit	medical staff, patients
		Fire risk	LOW : medium : high
		Other risks	NA

Hospital	ROOM DATA SHEET		Department of Health
Tertiary, 100-Bed			HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: EMERGENCY	Room Title: WAITING AREA WITH STRETCHER NOOK	Reference Sheet Number: 100B-CL-RDS05B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg. C)	ave. local station temp. reading	General illumination (LUX)	250
Room Temperature	ambient	Night illumination (LUX)	NA
Mechanical ventilation		Task illumination (LUX)	NA
Volume (cu.m./hr.-person)	30	Colour rendering	essential: DESIRABLE: unnecessary
Velocity (m.hr.)	900	Standby light	ESSENTIAL: desirable: unnecessary
Pressure:		Emergency light	ESSENTIAL: desirable: unnecessary
Exhaust (psi)		Daylight	essential: DESIRABLE: unnecessary
Inlet (psi)		View out	essential: DESIRABLE: unnecessary
% Dust filtration	93%-99% @ 1 micron	Privacy	essential: desirable: UNNECESSARY
Humidity (%RH)	50	Black out	essential: desirable: UNNECESSARY
Cooling load (TR)	2		
SOUND		SAFETY	
Acceptable sound level (db)	60	Accessible hot surface:	NA
Speech privacy	essential: desirable: UNNECESSARY	Maximum temperature (deg. C)	NA
Quality which cannot be	tonal impact	Domestic hot water:	NA
tolerated		Maximum temperature (deg. C)	NA
		Access limit	general public
		Fire risk	LOW: medium: high
		Other risks:	NA

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: EMERGENCY	Room Title: NURSE STATION	Reference Sheet Number: 100B-CL-RDS01B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg.C)	ave. local station temp. reading	General illumination (LUX)	500-750
Room Temperature (deg. C)	25	Night illumination (LUX)	NA
Mechanical ventilation:		Task illumination (LUX)	NA
Volume (cu.m./hr.-person)	12.75	Colour rendering	ESSENTIAL : desirable : unnecessary
Velocity (m./hr.)	7.50	Standby light	ESSENTIAL : desirable : unnecessary
Pressure:		Emergency light	ESSENTIAL : desirable : unnecessary
Exhaust (psi)	NA	Daylight	essential : DESIRABLE : unnecessary
Inlet (psi)	NA	View out	essential : desirable : UNNECESSARY
%Dust filtration	93% - 99% @ 1 micron	Privacy	essential : desirable : UNNECESSARY
Humidity (%RH)	50	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	1		
SOUND		SAFETY	
Acceptable sound level (db)	60	Accessible hot surface:	
Speech privacy	essential: desirable: UNNECESSARY	Maximum temperature (deg. C)	100
Quality which cannot be tolerated	tonal impact	Domestic hot water:	at lavatory and sink
		Maximum temperature (deg. C)	70
		Access limit	nursing staff
		Fire risk	LOW : medium : high
		Other risks	NA

Hospital	ROOM DATA SHEET		Department of Health
Tertiary, 100-Bed			HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: NURSERY	Room Title: NURSE STATION	Reference Sheet Number: 100B-CL-RDS25B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg. C)	ave. local station temp. reading	General illumination (LUX)	500
Room Temperature	25	Night illumination (LUX)	NA
Mechanical ventilation		Task illumination (LUX)	NA
Volume (cu.m./hr.-person)	12.75	Colour rendering	essential DESIRABLE unnecessary
Velocity (m.hr.)	900	Standby light	ESSENTIAL desirable unnecessary
Pressure:		Emergency light	ESSENTIAL desirable unnecessary
Exhaust (psi)	NA	Daylight	essential desirable UNNECESSARY
Inlet (psi)	NA	View out	essential desirable UNNECESSARY
% Dust filtration	93%-99% @ 1 micron	Privacy	essential desirable UNNECESSARY
Humidity (%RH)	50%	Black out	essential desirable UNNECESSARY
Cooling load (TR)	1.0		
SOUND		SAFETY	
Acceptable sound level (db)	60	Accessible hot surface:	NA
Speech privacy	essential desirable UNNECESSARY	Maximum temperature (deg. C)	NA
Quality which cannot be tolerated	tonal impact	Domestic hot water:	
		Maximum temperature (deg. C)	70
		Access limit	nursing staff
		Fire risk	LOW medium high
		Other risks	NA

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: NURSERY	Room Title: SEPTIC NURSERY AND WORK ROOM	Reference Sheet Number: 100B-CL-RDS26B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg C)	ave. local station temp. reading	General illumination (LUX)	25
Room Temperature (deg. C)	25	Night illumination (LUX)	NA
Mechanical ventilation:		Task illumination (LUX)	500
Volume (cu.m./hr.-person)	12.75	Colour rendering	ESSENTIAL : desirable : unnecessary
Velocity (m./hr.)	900	Standby light	ESSENTIAL : desirable : unnecessary
Pressure:		Emergency light	ESSENTIAL : desirable : unnecessary
Exhaust (psi)	NA	Daylight	essential : DESIRABLE : unnecessary
Inlet (psi)	NA	View out	essential : DESIRABLE : unnecessary
%Dust filtration	93% - 99% @ 1 micron	Privacy	ESSENTIAL : desirable : unnecessary
Humidity (%RH)	50%	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	1		
SOUND		SAFETY	
Acceptable sound level (db)	40	Accessible hot surface:	Instrument sterilizer
Speech privacy	essential: DESIRABLE: unnecessary	Maximum temperature (deg. C)	100
Quality which cannot be	tonal impact	Domestic hot water:	at sink and lavatory
tolerated		Maximum temperature (deg. C)	70
		Access limit	medical staff
		Fire risk	LOW : medium : high
		Other risks	exposure to

Hospital	ROOM DATA SHEET		Department of Health
Tertiary, 100-Bed			HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: NURSERY	Room Title: SUSPECT/PATHOLOGIC NURSERY AND WORK ROOM	Reference Sheet Number: 100B-CL-RDS27B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg. C)	ave. local station temp. reading	General illumination (LUX)	250
Room Temperature	25	Night illumination (LUX)	NA
Mechanical ventilation		Task illumination (LUX)	500
Volume (cu. m./hr. -person)	12.75	Colour rendering	ESSENTIAL: desirable: unnecessary
Velocity (m.hr.)	900	Standby light	ESSENTIAL: desirable: unnecessary
Pressure		Emergency light	ESSENTIAL: desirable: unnecessary
Exhaust (psi)	NA	Daylight	essential: DESIRABLE: unnecessary
Inlet (psi)	NA	View out	essential: DESIRABLE: unnecessary
% Dust filtration	93%-99% @ 1 micron	Privacy	ESSENTIAL: desirable: unnecessary
Humidity (%RH)	50	Black out	essential: desirable: UNNECESSARY
Cooling load (TR)	1.5		
SOUND		SAFETY	
Acceptable sound level (db)	40	Accessible hot surface:	Instrument sterilizer
Speech privacy	essential: DESIRABLE: unnecessary	Maximum temperature (deg. C)	100
Quality which cannot be tolerated	tonal impact	Domestic hot water:	at sink and lavatory
		Maximum temperature (deg. C)	70
		Access limit	medical staff
		Fire risk	low: MEDIUM: high
		Other risks	NA

Hospital	ROOM DATA SHEET		Department of Health
Tertiary, 100-Bed			HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: SURGERY	Room Title: NURSES' LOCKER ROOM	Reference Sheet Number: 100B-CL-RDS20B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg. C)	ave. local station temp. reading	General illumination (LUX)	250
Room Temperature	ambient	Night illumination (LUX)	NA
Mechanical ventilation		Task illumination (LUX)	NA
Volume (cu m./hr. /person)	NA	Colour rendering	essential desirable: UNNECESSARY
Velocity (m./hr.)	NA	Standby light	essential DESIRABLE : unnecessary
Pressure:		Emergency light	essential DESIRABLE : unnecessary
Exhaust (psi)	NA	Daylight	essential desirable : UNNECESSARY
Inlet (psi)	NA	View out.	essential desirable : UNNECESSARY
% Dust filtration	NA	Privacy	ESSENTIAL desirable : unnecessary
Humidity (%RH)	NA	Black out	essential desirable : UNNECESSARY
Cooling load (TR)	NA		
SOUND		SAFETY	
Acceptable sound level (db)	60	Accessible hot surface:	NA
Speech privacy	essential DESIRABLE : unnecessary	Maximum temperature (deg. C)	NA
Quality which cannot be tolerated	tonal impact	Domestic hot water:	NA
		Maximum temperature (deg. C)	NA
		Access limit	nursing staff
		Fire risk	LOW : medium : high
		Other risks	NA

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: SURGERY	Room Title: CENTRAL STERILIZING & SUPPLY ROOM	Reference Sheet Number: 100B-CL-RDS21B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg.C)	ave. local station temp. reading	General illumination (LUX)	500-1000
Room Temperature (deg. C)	ambient	Night illumination (LUX)	NA
Mechanical ventilation:		Task illumination (LUX)	NA
Volume (cu.m./hr.-person)	12.75	Colour rendering	essential : DESIRABLE : unnecessary
Velocity (m./hr.)	900	Standby light	ESSENTIAL : desirable : unnecessary
Pressure:		Emergency light	ESSENTIAL : desirable : unnecessary
Exhaust (psi)	NA	Daylight	essential : desirable : UNNECESSARY
Inlet (psi)	NA	View out	essential : desirable : UNNECESSARY
%Dust filtration	93% - 99% @ 1 micron	Privacy	essential : desirable : UNNECESSARY
Humidity (%RH)	NA	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	NA		
SOUND			
Acceptable sound level (db)	60	SAFETY	
Speech privacy	essential: desirable: UNNECESSARY	Accessible hot surface:	
Quality which cannot be tolerated	NA	Maximum temperature (deg. C)	100
		Domestic hot water:	
		Maximum temperature (deg. C)	70
		Access limit	CSP staff
		Fire risk	low : medium : HIGH
		Other risks	exposure to hazardous chemical

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department SURGERY	Room Title: RECOVERY ROOM	Reference Sheet Number: 100B-CL-RDS22B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg.C)	ave. local station temp. reading	General illumination (LUX)	250
Room Temperature (deg. C)	25	Night illumination (LUX)	100
Mechanical ventilation:		Task illumination (LUX)	500
Volume (cu.m./hr.-person)	12.75	Colour rendering	ESSENTIAL : desirable : unnecessary
Velocity (m./hr.)	900	Standby light	ESSENTIAL : desirable : unnecessary
Pressure:		Emergency light	ESSENTIAL : desirable : unnecessary
Exhaust (psi)	NA	Daylight	essential : desirable : UNNECESSARY
Inlet (psi)	NA	View out	essential : DESIRABLE : unnecessary
%Dust filtration	93% -99% @ 1 micron	Privacy	ESSENTIAL : desirable : unnecessary
Humidity (%RH)	50	Black out	essential : DESIRABLE : unnecessary
Cooling load (TR)	5		
SOUND		SAFETY	
Acceptable sound level (db)	40	Accessible hot surface:	NA
Speech privacy	ESSENTIAL: desirable: unnecessary	Maximum temperature (deg. C)	NA
Quality which cannot be tolerated	tonal impact	Domestic hot water:	Lavatory and sink
		Maximum temperature (deg. C)	70
		Access limit	patient & medical staff
		Fire risk	LOW : medium : high
		Other risks	NA

Hospital	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Tertiary, 100-Bed			
Updated Reference: November 1991	Department: SURGERY	Room Title: INTENSIVE CARE UNIT	Reference Sheet Number: 100B-CL-RDS23B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg. C)	ave. local station temp. reading	General illumination (LUX)	250
Room Temperature:	25	Night illumination (LUX)	100
Mechanical ventilation		Task illumination (LUX)	1000
Volume (cu.m./hr.-person)	12.75	Colour rendering	ESSENTIAL desirable unnecessary
Velocity (m/hr.)	900	Standby light	ESSENTIAL desirable unnecessary
Pressure:		Emergency light	ESSENTIAL desirable unnecessary
Exhaust (psi)	NA	Daylight	essential desirable UNNECESSARY
Inlet (psi)	NA	View out	essential desirable UNNECESSARY
% Dust filtration	93%-99% @ 1 micron	Privacy	ESSENTIAL desirable unnecessary
Humidity (%RH)	50	Black out	ESSENTIAL desirable unnecessary
Cooling load (TR)	1		
SOUND		SAFETY	
Acceptable sound level (db)	40	Accessible hot surface:	NA
Speech privacy	ESSENTIAL: desirable: unnecessary	Maximum temperature (deg. C)	NA
Quality which cannot be tolerated	tonal impact	Domestic hot water:	at sink
		Maximum temperature (deg. C)	70
		Access limit	patient & medical staff
		Fire risk	LOW medium high
		Other risks	NA

Hospital	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Tertiary, 100-Bed			
Updated Reference: November 1991	Department: SURGERY	Room Title: VISITOR'S WAITING AREA	Reference Sheet Number: 100B-CL-RDS24B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg. C)	ave. local station temp. reading	General illumination (LUX)	150
Room Temperature	25	Night illumination (LUX)	NA
Mechanical ventilation		Task illumination (LUX)	NA
Volume (cu.m./hr.-person)	12.75	Colour rendering	essential: DESIRABLE: unnecessary
Velocity (m.hr.)	900	Standby light	essential: DESIRABLE: unnecessary
Pressure:		Emergency light	essential: DESIRABLE: unnecessary
Exhaust (psi)	NA	Daylight	essential: DESIRABLE: unnecessary
Inlet (psi)	NA	View out	essential: DESIRABLE: unnecessary
% Dust filtration	93%-99% @ 1 micron	Privacy	essential: desirable: UNNECESSARY
Humidity (%RH)	50%	Black out	essential: desirable: UNNECESSARY
Cooling load (TR)	1.0		
SOUND		SAFETY	
Acceptable sound level (db)	60	Accessible hot surface:	NA
Speech privacy	essential: desirable: UNNECESSARY	Maximum temperature (deg. C)	NA
Quality which cannot be	tonal impact	Domestic hot water:	NA
tolerated		Maximum temperature (deg. C)	NA
		Access limit	general public
		Fire risk	LOW: medium: high
		Other risks	NA

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: SURGERY	Room Title: STERILE INSTRUMENT & SUPPLY STORAGE	Reference Sheet Number: 100B-CL-RDS16B
TECHNICAL DESIGN DATA:			
ENVIRONMENTAL CONDITIONS	DESIGN DATA	ENVIRONMENTAL CONDITIONS	DESIGN DATA
AIR		LIGHTING AND VISUAL	
Outdoor air temperature (deg.C)	ave. local station temp. reading	General illumination (LUX)	500
Room Temperature (deg. C)	ambient	Night illumination (LUX)	NA
Mechanical ventilation:		Task illumination (LUX)	NA
Volume (cu m./hr.-person)	12.75	Colour rendering	ESSENTIAL : desirable : unnecessary
Velocity (m./hr.)	700	Standby light	ESSENTIAL : desirable : unnecessary
Pressure:		Emergency light	ESSENTIAL : desirable : unnecessary
Exhaust (psi)	NA	Daylight	essential : desirable : UNNECESSARY
Inlet (psi)	NA	View out	essential : desirable : UNNECESSARY
%Dust filtration	NA	Privacy	essential : DESIRABLE : unnecessary
Humidity (%RH)	NA	Black out	essential : desirable : UNNECESSARY
Cooling load (TR)	NA		
SOUND		SAFETY	
Acceptable sound level (db)	60	Accessible hot surface:	NA
Speech privacy	essential desirable: UNNECESSARY	Maximum temperature (deg. C)	NA
Quality which cannot be	NA	Domestic hot water:	NA
tolerated		Maximum temperature (deg. C)	NA
		Access limit	
		Fire risk	LOW : medium : high
		Other risks	NA

Hospital: Tertiary, 100-Bed	DEPARTMENT DATA SHEET	Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: November 1991	Department: NURSERY	Reference Sheet Number: 100B-CL-DDS03

LAYOUT PER DEPARTMENT SHOWING ROOMS AND SPACE COMPONENTS:

Scale 1:100 mts.



Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: May 1992	Department: MEDICAL RECORDS	Room Title: MEDICAL RECORDS ROOM	Reference Sheet Number: 100B-AN-RDS44C
TECHNICAL DESIGN DATA:		LAYOUT OF ROOM AND SPACE COMPONENTS:	
DIRECT SERVICES	DESIGN DATA	<p style="text-align: right;">6000 mm Scale 1:100 mts.</p> <p style="text-align: center;">4000 2000</p> <p style="text-align: left;">2000</p> <p style="text-align: left;">12000 mm</p> <p style="text-align: left;">7500</p> <p style="text-align: left;">2500</p>	
Disposal	hospital solid waste type : A		
Hot water	NA		
Cold water	NA		
Drainage	NA		
Gas	NA		
Compressed air	NA		
Steam	NA		
Others			
DIRECT DEMANDS ON FLOOR AND WALL			
Loading	light : medium : HEAVY		
Spillage	NA		
Foot traffic	light : MEDIUM : heavy		
Wheel traffic	LIGHT : medium : heavy		
Impacts	LIGHT : medium : heavy		
Abrasion	SLIGHT : occasional : frequent		
Easy maintenance	ESSENTIAL : desirable : unnecessary		
Vibration free	ESSENTIAL : desirable : unnecessary		
Door set	wheelchair access		
		SPACE DEMANDS (Total Minimum Space Required in sq.m.): 68.00	
Windows	clear, solar control	Space Components	Minimum Space Required/Component
Internal glazing	nil	REGULATIONS AND NOTES:	

Hospital: Tertiary, 100-Bed	ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE
Updated Reference: May 1992	Department: MORTUARY	Room Title: LOCKER ROOM AND TOILET	Reference Sheet Number 100B-AN-RDS48C
TECHNICAL DESIGN DATA:		LAYOUT OF ROOM AND SPACE COMPONENTS:	
DIRECT SERVICES		DESIGN DATA	
Disposal	hospital solid waste type A	<div style="text-align: right;">Scale 1:100 mts.</div> 	
Hot water	NA		
Cold water	required at toilet fixtures		
Drainage	required at toilet fixtures & floor		
Gas	NA		
Compressed air	NA		
Steam	NA		
Others			
DIRECT DEMANDS ON FLOOR AND WALL			
Loading	NA		
Spillage	NA		
Foot traffic	LIGHT : medium : heavy		
Wheel traffic	NA		
Impacts	NA		
Abrasion	NA		
Easy maintenance	ESSENTIAL : desirable : unnecessary	SPACE DEMANDS (Total Minimum Space Required in sq m.): 6.00	
Vibration free	ESSENTIAL : desirable : unnecessary	Space Components	Minimum Space Required/Component
Door sets	ordinary access door	Locker Room	3.20 sq.m.
Windows	clear, solar control	Toilet & Bath	2.80 sq.m.
Internal glazing	nil	REGULATIONS AND NOTES	

Hospital: Tertiary, 100-Bed		ROOM DATA SHEET		Department of Health HEALTH INFRASTRUCTURE SERVICE	
Updated Reference: May 1992		Department: MEDICAL SOCIAL SERVICE		Room Title: MEDICAL SOCIAL SERVICE OFFICE	
TECHNICAL DESIGN DATA:		LAYOUT OF ROOM AND SPACE COMPONENTS:			
DIRECT SERVICES		DESIGN DATA			
Disposal		hospital solid waste type : A			
Hot water		NA			
Cold water		NA			
Drainage		NA			
Gas		NA			
Compressed air		NA			
Steam		NA			
Others					
DIRECT DEMANDS ON FLOOR AND WALL					
Loading		NA			
Spillage		NA			
Foot traffic		light : MEDIUM : heavy			
Wheel traffic		light : MEDIUM : heavy			
Impacts		NA			
Abrasion		NA			
Easy maintenance		ESSENTIAL: desirable: unnecessary			
Vibration free		essential: DESIRABLE: unnecessary			
Door set		wheelchair access			
Windows		clear, solar control			
Internal glazing		nil			
		Scale 1:100 mts.			
		Key 1. Chair, upright, stacking 2. Swivel chair 3. Desk, 750x1200 4. Steel filing cabinets, 500x700 5. Typewriter table, 400x800 6. Plant box divider with cabinets below			
		SPACE DEMANDS (Total Minimum Space Required in sq.m.): 30.00			
		Space Components		Minimum Space Required/Component	
		REGULATIONS AND NOTES:			
		work area for reasonable conditions - 4.20 to 6.00 per person.			