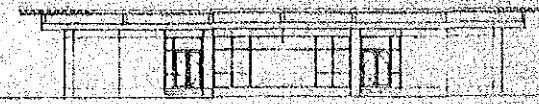
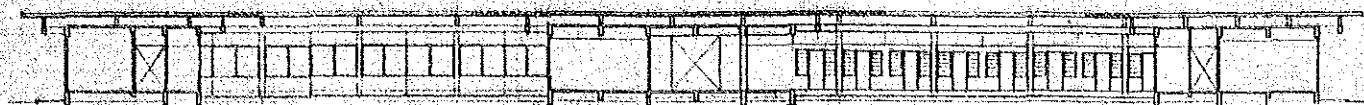




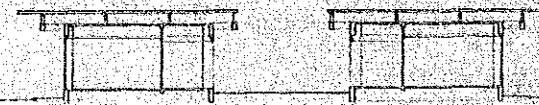
A-A ELEVATION



B-B ELEVATION



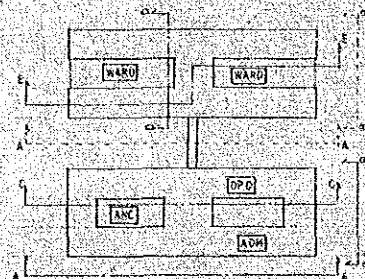
C-C SECTION ELEVATION



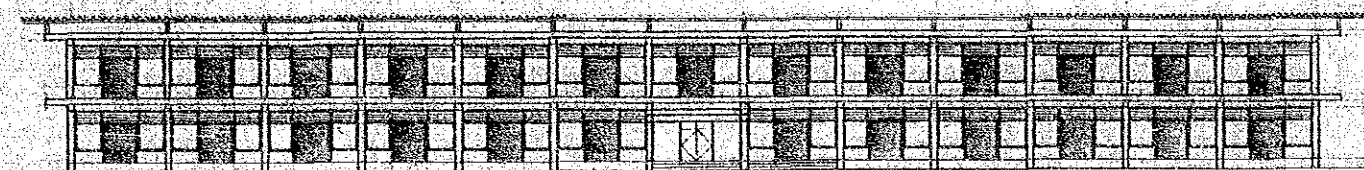
D-D SECTION



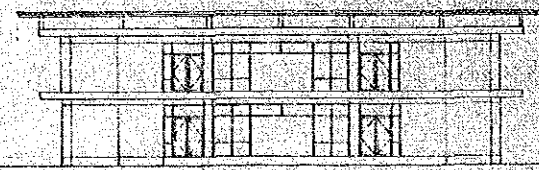
E-E SECTION ELEVATION



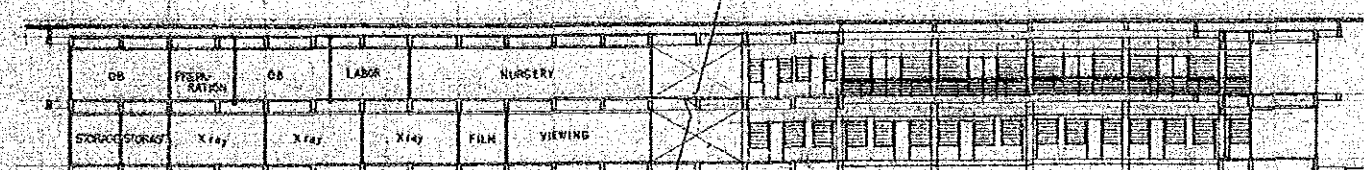
100^{BED} STANDARD MODEL PLAN



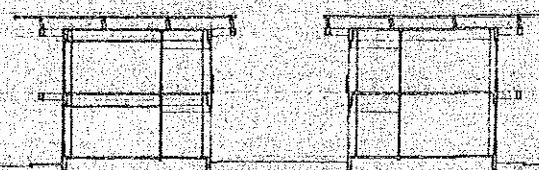
200^{BED} FACADE



200^{BED} 300^{BED} SIDE ELEVATION



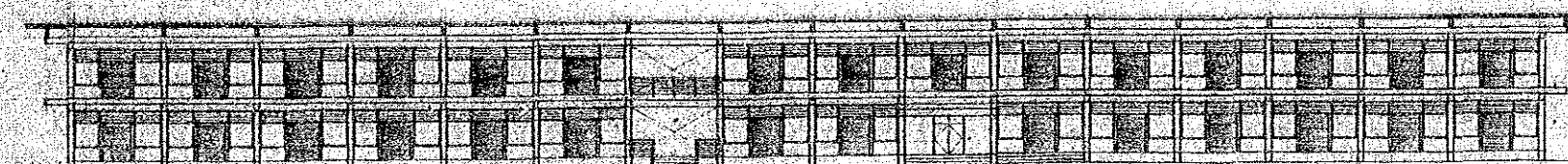
200^{BED} SECTION ELEVATION



200^{BED} 300^{BED} SECTION



SERVICE SECTION



300^{BED} FACADE



SERVICE - 1 FACADE

FHP STANDARD MODEL PLAN (HOSPITAL) ELEVATION SECTION 4

NUMBER	ROOM NAME
1	LIVING
2	KITCHEN
3	BEDROOM
4	BATH
5	HALL
6	CLOSET
7	STORAGE
8	TERACE

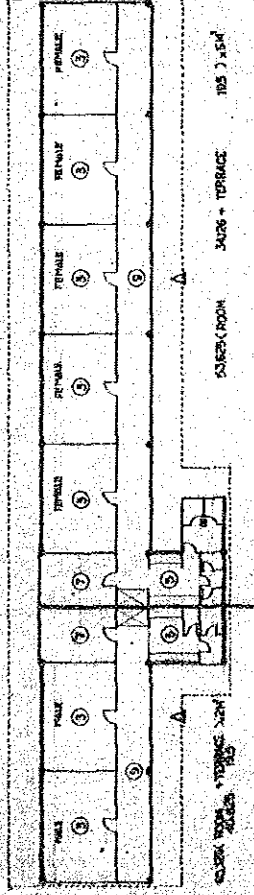
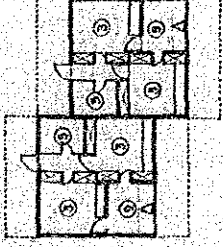
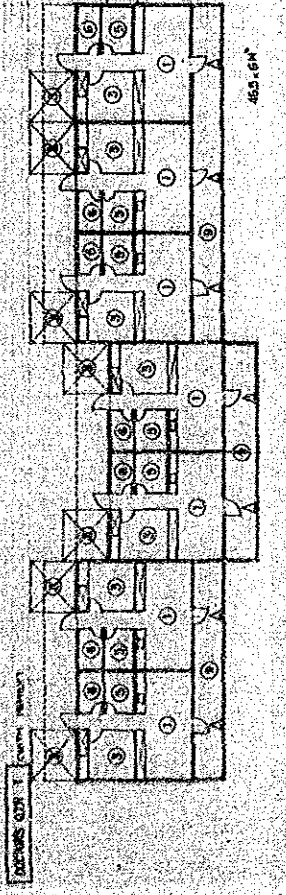
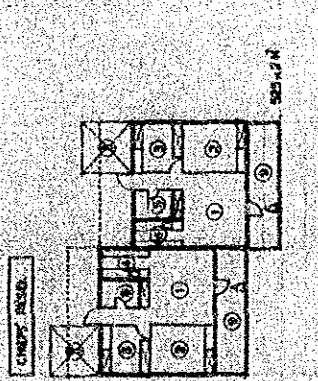
REAR

A. ELEVATION

A. D. ELEVATION

A. ELEVATION

FHP STANDARD MODEL PLAN (RESID. - OIR) PLAN 100 5



SCALE FOR ALL STORAGE TYPES

SCALE FOR ALL STORAGE TYPES

SCALE FOR ALL STORAGE TYPES

SCALE FOR ALL STORAGE TYPES

SCALE FOR ALL STORAGE TYPES

SCALE FOR ALL STORAGE TYPES

SCALE FOR ALL STORAGE TYPES

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SCALE FOR ALL STORAGE TYPES

SCALE FOR ALL STORAGE TYPES

SCALE FOR ALL STORAGE TYPES

SCALE FOR ALL STORAGE TYPES

SCALE FOR ALL STORAGE TYPES



200'

300'

450'

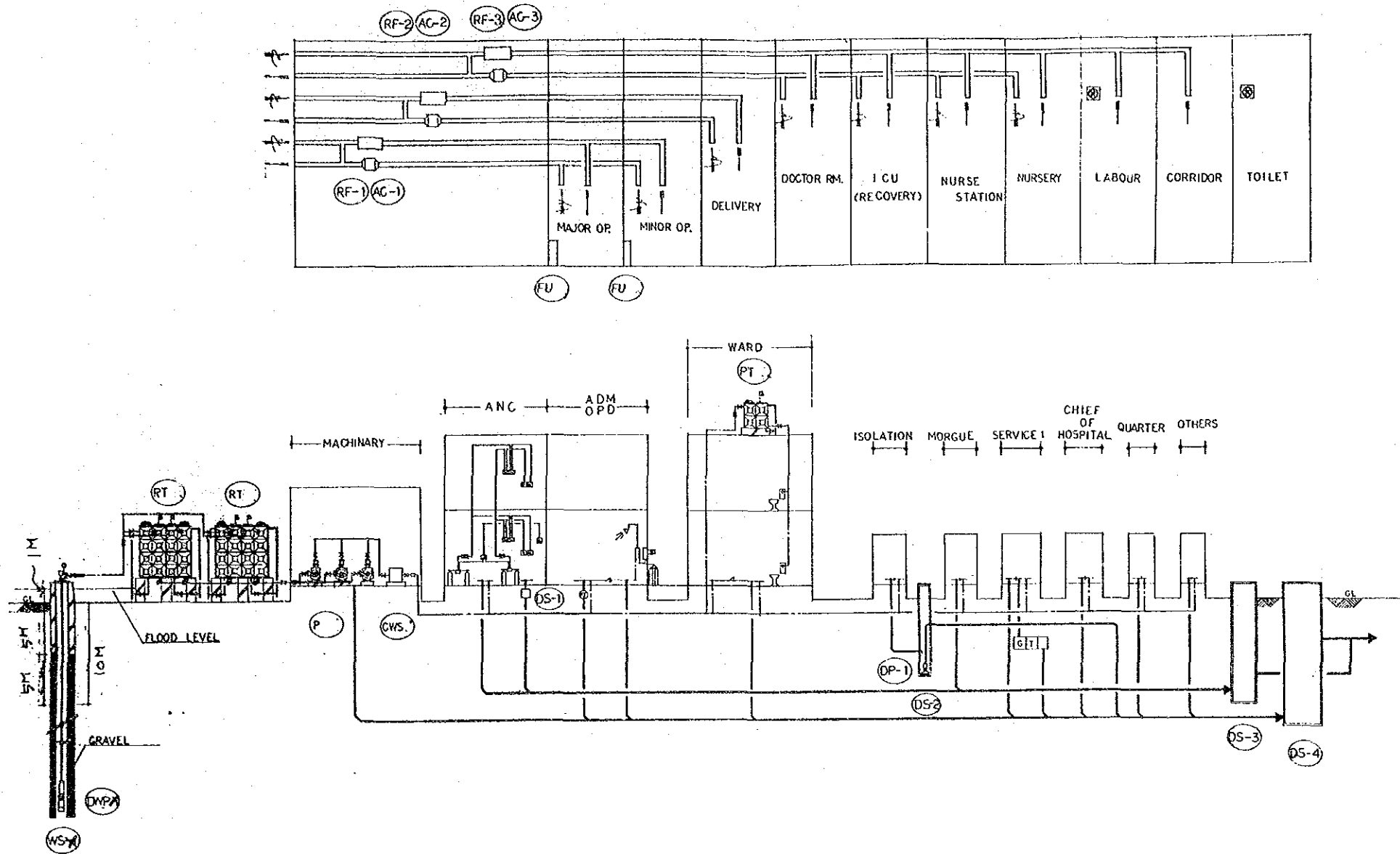
FHP STANDARD MODEL PLAN (RESID. - OIR) PLAN 100 5

FHP STANDARD MODEL PLAN (RESID. - OIR) PLAN 100 5

FHP STANDARD MODEL PLAN (RESID. - OIR) PLAN 100 5

C. Diagram

100,200 Beds Standard



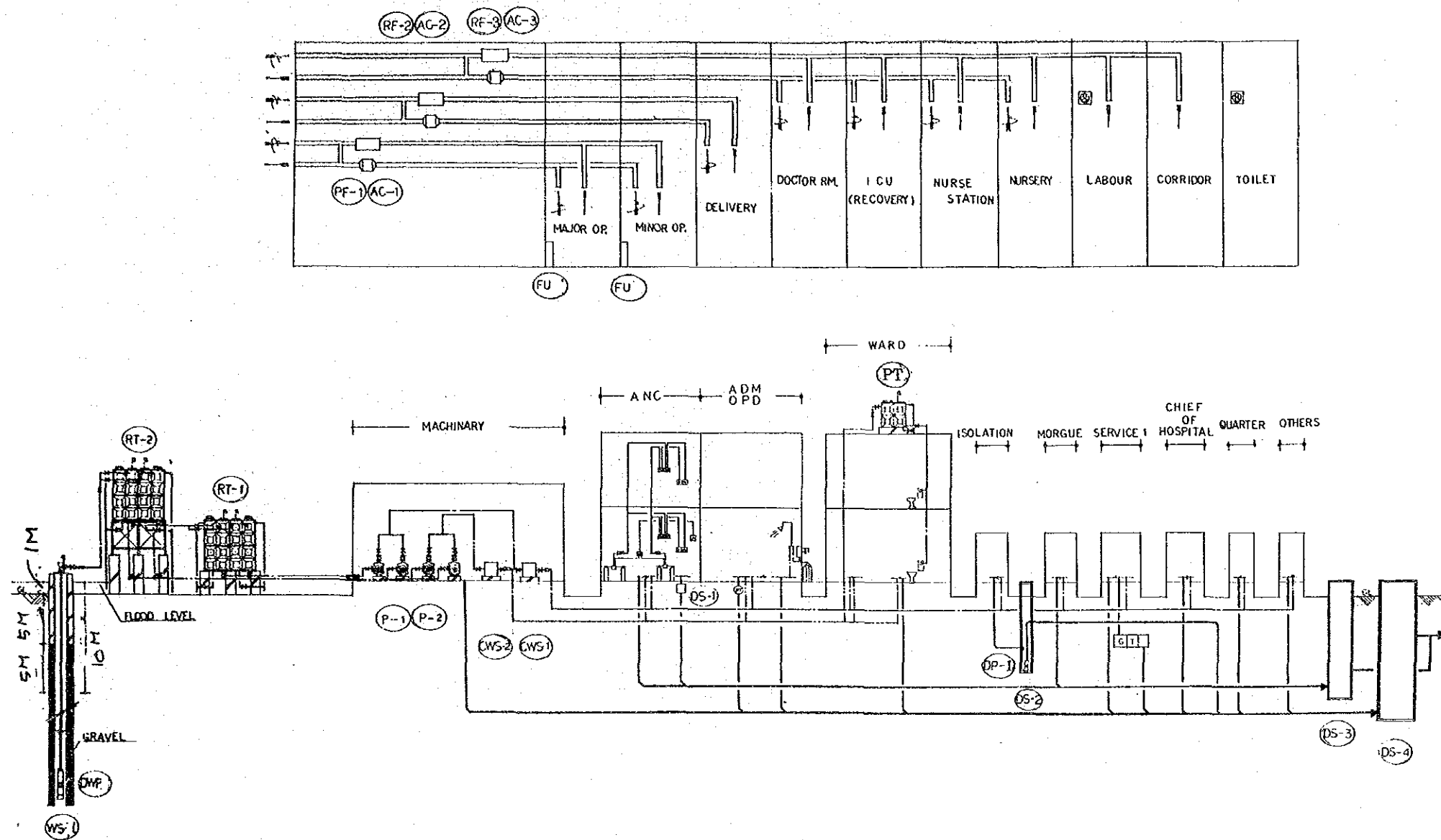
MARK	ITEM
WS	WATER SOURCE (WELL)
DWP	DEEP WELL PUMP
RT	RAW WATER TANK
PT	SUPPLEMENTARY ELEVATED TANK
P	DISTRIBUTION PUMP
DP	WASTE WATER PUMP
CWS	WATER SUPPLY APPARATUS
DS -1	HEAVY METAL TREATMENT
DS -2	STORAGE, DISINFECTANT TANK
DS -3	STORAGE TANK
DS -4	WASTE WATER TREATMENT
AC -1	AIR CONDITIONER (OP.)
AC -2	AIR CONDITIONER (Delivery)
AC -3	AIR CONDITIONER (ICU etc.)
RF -1	RETURN FAN (OP.)
RF -2	RETURN FAN (Delivery)
RF -3	RETURN FAN (ICU etc.)
FU	AIR FILTER UNIT

1. This diagram shows only Water Supply, Hot Water Supply, Drainage, Air Conditioning and Medical Gas facilities.
2. Drainage system shows plan 1.
3. Air Conditioning ; 100 beds hospital has 1 set of AC-1 and RF-1.
200 beds hospital has 2 sets of AC-1 and RF-1.
4. Water Supply ; 100 beds hospital has 1 set of RT.
200 beds hospital has 2 sets of RT.

LEGEND

---	WATER SUPPLY PIPE (FOR DRINKING)	□	OUTLET (OXIGEN)
---	WATER SUPPLY PIPE (FOR TOILET FLUSHING)	□	OUTLET (NITROUS OXIDE)
---	HOT WATER SUPPLY PIPE	□	ALARM PANEL
---	WASTE WATER PIPE	□	ELECTRIC PANEL
---	AIR DUCT	□	SHUT-OFF VALVE
		✓	SHOWER HEAD

300,450 Beds Standard



MARK	ITEM
WS	WATER SOURCE (WELL)
DWP	DEEP WELL PUMP
RT -1	RAW WATER TANK (Drinking Water)
RT -2	RAW WATER TANK (Toilet Flush Water)
PT	SUPPLEMENTARY ELEVATED TANK
P -1	DISTRIBUTION PUMP (Drinking Water)
P -2	DISTRIBUTION PUMP (Toilet Flush Water)
DP -1	WASTE WATER PUMP
CWS-1	WATER SUPPLY APPARATUS (Drinking Water)
CWS-2	WATER SUPPLY APPARATUS (Toilet Flush Water)
DS -1	HEAVY METAL TREATMENT
DS -2	STORAGE, DISINFECTANT TANK
DS -3	STORAGE TANK
DS -4	WASTE WATER TREATMENT
AC -1	AIR CONDITIONER (OP.)
AC -2	AIR CONDITIONER (Delivery)
AC -3	AIR CONDITIONER (ICU etc.)
RF -1	RETURN FAN (OP.)
RF -2	RETURN FAN (Delivery)
RF -3	RETURN FAN (ICU etc.)
FU	AIR FILTER UNIT

1. This diagram shows only Water Supply, Hot Water Supply, Drainage, Air Conditioning and Medical Gas facilities.
2. Drainage system shows plan 1.
3. Air Conditioning: 300, 450 beds hospital has 3 sets of AC-1 and RF-1.

LEGEND

—	WATER SUPPLY PIPE (FOR DRINKING)	□	OUTLET (OXIGEN)
---	WATER SUPPLY PIPE (FOR TOILET FLUSHING)	□	OUTLET (NITROUS OXIDE)
— —	HOT WATER SUPPLY PIPE	□	ALARM PANEL
— —	WASTE WATER PIPE	□	ELECTRIC PANEL
— —	AIR DUCT	□	SHUT-OFF VALVE
		✓	SHOWER HEAD

CHAPTER V

UPGRADING PLAN FOR PROJECT HOSPITALS

CONTENTS

	Page
v-1 FLOOR AREA	V-1
v-2 MEDICAL SERVICE	V-7
v-3 MANPOWER	V-8
v-4 MEDICAL EQUIPMENT	V-12
v-5 BUILDING PLAN	V-14
1. Basic Items of Upgrading	V-14
2. Improvement Plan for Each Hospital	V-16
v-6 ELECTRICITY	V-93
1. Basic Items of Upgrading	V-93
2. Improvement Plan for Each Hospital	V-95
v-7 AIR CONDITIONING AND PLUMBING	V-126
1. Basic Items of Upgrading	V-126
2. Improvement Plan for Each Hospital	V-130

V-1 FLOOR AREA

The floor area of each hospital to be ensured under the present improvement project is given by Table V-1-1. The table gives the floor area classified by various categories: block, new construction, renovation and existing facilities.

Table V-1-2 gives the floor area satisfaction rate of each hospital. It is to show the ratio of the floor area to be ensured under the present project to the standard floor area per bed scale at each hospital.

As for the basis for computing the floor area, please refer to V-5: BUILDING PLAN.

TABLE V-1-1 FLOOR AREA BY HOSPITAL

R ... Renovation

Hospital Name	A. Main Building								B. Service				C. Quarters				D. Doctor Quarters				E. Dormitory				F. Demolish	G. = A + B + C		H. = D + E		G. + H. Sub Total		Grand Total		
	ANC		OPD		ADM		Ward		Toilet		-1		-2		Morgue		Others		Chief		Doctor		Female			Male		new	old	new	old		new	old
	new	old	new	old	new	old	new	old	new	old	new	old	new	old	new	old	new	old	new	old	new	old	new	old		new	old							
NS-35 450 ^B Standard	2,220		1,110		1,030		7,190				700		340		90		G10 B40 930		220		2,320		1,110		210		13,660		3,860		17,520		17,520	
300 ^B Standard	2,220		1,110		1,030		4,740				500		340		90		G10 B40 620		220		1,480		770		160		10,700		2,630		13,330		13,330	
200 ^B Standard	1,590		740		740		2,900				390		250		50		G10 380		220		880		430		120		7,050		1,650		8,700		8,700	
100 ^B Standard	770		380		370		1,320				290		250		40		170		170		420		260		120		3,590		970		4,560		4,560	
I 1 Pangasinan MC (450 ^B)	2,220		1,110		1,030		6,390 (ME)				700		340		90		G10 B40 1,090		220		2,320		1,110		210		-	13,020 940		3,860		16,880 940		17,820
2 Bontoc P.H. (100 ^B)	50 (ME)	120 (MI)	300 (MI)		290 (MI)		380 640 (ME)	680			290		180 200 (MI)		50 (ME)		280		110 170 (ME)		420		260		120		-	750 1,350	1,360	910 170	-	1,660 1,520	1,360	4,540
3 Baguio MC (450 ^B)	2,600	140	1,260		400		1,260 2,460 (MA)	6,370			790		360		90		G10 B40 560									1,450	6,970 2,460	6,910	-	-	6,970 2,460	6,910	16,340	
4 Benguet P.H. (100 ^B)	770		380		370		1,130 540 (ME)	180			290		250		40		490		170		420			310 (ME)	120 (ME)	1,620	3,720 540	-	590 430	-	4,310 970	-	5,280	
5 La Union RH (250 ^B)	1,680		420 (ME)		860 (ME)		2,900 470 (MI)	180			390		250		50		G10 470 330		220		880		460		120		700	5,750 1,750	510	1,220 460	460	6,970 1,750	970	9,690
6 Abra PH (100 ^B)	800		340 (ME)		420 (MI)		610 60 (MI) (ME)				290		250		40		100		170		420	100	260		120		1,500	1,480 1,430	-	970	100	2,450 1,430	100	3,980
7 Gabriela Silang P.H. (100 ^B)	770		380		370		1,320				290		250		40		170		170		420		260		120		2,240	3,590	-	970	-	4,560	-	4,560
8 Don Mariano Marcos M.H. (100 ^B)		1*		1*		1*	1,740					2*	601,000 ²		50 (ME)		Training center 1,820					130		1,000		-	60 50	6,720	-	1,130	60 50	7,850	7,960	
9 Ilocos Norte P.H. (200 ^B)	1,590		630 (ME)		630 (ME)		2,230 340				430				50		G10 270 (100)		90 (ME)		Class room not included			420		1,100	4,580 1,280	340	-	420 90	4,580 1,370	760	6,710	
II 1 Cagayan RH (300 ^B)	2,220		1,110		1,030		4,740				500		340		90		G10 B40 620		220		1,480		770		160		-	10,700	-	2,630	-	13,330	-	13,330
2 Cagayan MH (150 ^B)		3*		3*		3*	910 460				340															-	1,250 1,090	-	-	1,250 1,090	-	2,340		
3 Kalinga Apayao PH (100 ^B)	770		380		370		140 430 (MI)	580 270 (ME)	30		290		250			90 (MA)	80 20		170		420			120		240	2,310 790	600	590 260	120	2,900 1,050	720	4,670	
4 Cagayan PH (100 ^B)	770		380		370		1,320				290		250		40		170		170		420		260		120		-	3,590	-	970	-	4,560	-	4,560
5 Isabela PH (150 ^B)	770		380		370		1,570 260 (ME) (MA)	180	70		290		250 110 (ME)	490		90 (ME)	170		220		420		160 100		100		280	2,300 2,030	670	800 120	100	3,100 2,150	770	6,020
6 Quirino PH (100 ^B)	770		380		370		690 240 (MA) (ME)	270 (ME)			290		250		40		430		170		460		260		120		1,030	2,530 960	240	1,010	-	3,540 960	240	4,740
7 Ifugao PH (100 ^B)	770		380		370		700 620 (MI)				290		250		40		390		170		420		320		120		-	3,190 620	-	1,030	-	4,220 620	-	4,840
8 Maj. Marcos Veteran MH (150 ^B)		960		840		420	2,140				290		250	180	40	60	G10 150		220		420		380		120		-	700 4,600	1,140	-	1,840 4,600	4,600	6,440	
9 Nueva Vizcaya PH (100 ^B)	590		360		40		590 630 (MI)				4*	250	4*	250		40				170		420		480*5		5*	340	1,830 1,260	-	590	480	2,420 1,260	480	4,160
10 Batanes PH (75 ^B)	530		170 (MA)		170 (MA)		650 (ME)				250		250		20		150										560	1,210 990	-	-	-	1,210 990	-	2,200
<p>MA:Major Change, ME:Medium Change, MI:Minor Change</p>																								Region I	8,610	39,920 9,800	15,840	8,520 690	2,110	48,440 10,490	17,950	76,880		
																								Region II	2,450	29,610	7,200	8,760	700	38,370	7,900	53,300		
																								Total	11,060	69,530 16,450	23,040	17,280 1,070	2,810	86,860 17,520	25,850	130,180		

TABLE V-1-2 FLOOR AREA SATISFACTION RATE BY HOSPITAL

S ... Satis. r.
C ... Const. r.

	Hospital Name	Main Building %								Service %				Doctors Quarters %				Dormitory %				Demolish	Hospital		Residence		Sub Total %		Total						
		ANC %		OPD %		ADM %		Ward %		Toilet		-1 %		-2 %		Morgue %		Others %		Chief %			Doctor %		Female %		Male %			S	C	S	C	S	C
		S	C	S	C	S	C	S	C	S	C	S	C	S	C	S	C	S	C	S	C		S	C	S	C	S	C		S	C				
NS-35	450 ^B Standard																																		
	300 ^B Standard																																		
	200 ^B Standard																																		
	100 ^B Standard																																		
I	1 Pangasinan MC	100	100	100	100	100	100	102	89			100	100	100	100	100	100	117		100	100	100	100	100	100	100	100	100	100	102	96				
	2 Bontoc PH	61	0	76	0	102	0	100	52			100	100	152	72	100	0	165		165	65	100	100	100	100	100	100	96	21	111	94	100	36		
	3 Baguio MC	128	117	114	114	54	0	140	18			113	113	106	106	100	100	62										120	51	0	0	93	40		
	4 Benguet PH	100	100	100	100	100	100	127	86			100	100	100	100	100	100	288		100	100	100	100	119	0	100	0	119	103	105	61	116	94		
	5 La Union RH	106	106	57	0	116	0	92	76 (3820 m ²)			100	100	100	100	100	100	208				100	100	107	0	100	100	101	72 (7970 m ²)	102	74	101	72 (9620 m ²)		
	6 Abra PH	104	104	89	0	114	0	51	0			100	100	100	100	100	100	59		100	100	124	100	100	100	100	100	81	41	110	100	87	54		
	7 Gabriela Silang PH	100	100	100	100	100	100	100	100			100	100	100	100	100	100	100	100		100	100	100	100	100	100	100	100	100	100	100	100	100		
	8 Don Mariano Marcos PH																																		
	9 Ilocos Norte PH	100	100	85	0	87	0	89	77			79	79			100	100	72		53	0	0	0	97	0	0	0	88	65	53	0	77	53		
II	1 Cagayan RH	100	100	100	100	100	100	100	100			100	100	100	100	100	100	100		100	100	100	100	100	100	100	100	100	100	100	100	100	100		
	2 Cagayan Mental R																																		
	3 Kalinga Apayao PH	100	100	100	100	100	100	108	11			100	100	100	100	2.25	0	59		100	100	100	100	146	0	0	0	103	64	100	61	102	64		
	4 Cagayan PH	100	100	100	100	100	100	100	100			100	100	100	100	100	100	100		100	100	100	100	100	100	100	100	100	100	100	100	100	100		
	5 Isabela PH	100	100	100	100	100	100	95	0 (2110 m ²)			100	100	340	100	2.25	0	100		100	100	100	100	100	62	100	0	114	53 (4384 m ²)	185	82	113	58 (5350 m ²)		
	6 Quirino PH	100	100	100	100	100	100	91	0			100	100	100	100	100	100	253		100	100	110	110	100	100	100	100	104	70	104	104	104	78		
	7 Ifugao PH	100	100	100	100	100	100	100	53			100	100	100	100	100	100	229		100	100	100	100	123	123	100	100	106	89	106	106	106	93		
	8 Maj Marcos Veteran PH																																		
	9 Nueva Vizcaya PH	77	77	95	95	62	11	92	45			120	46			100	0			100	100	100	100	126	0		86	51	110	61	91	53			
	10 Batanes PH	69	69	45	0	116	70	66	0			86	86			50	50	88		0	0	0	0	0	0	0	0	61	34	0	0	48	27		
		satisfaction rate = $\frac{\text{new construction area} + \text{renovation area} + \text{using area of old facilities}}{\text{Standard area}} \times 100 (\%)$																				Region I		107%	68%										
		new construction rate = $\frac{\text{new construction area}}{\text{standard area}} \times 100 \%$																				Region II		116%	83%										
																						Total		110%	74%										

V-2 MEDICAL SERVICE

Medical departments applicable to each hospital are based on the standard per bed scale shown below. With regard to the scope of each medical department, please refer to the standard per bed scale.

TABLE V-2-1 MEDICAL DEPARTMENTS BY HOSPITAL

Hospital		25~50 ^B Standard	100 ^B Standard	200 ^B Standard	300 ^B Standard	Remarks
I	1. Pangasinan MC (450 ^B)				○	
	2. Bontoc PH (100 ^B)		○			
	3. Baguio MC (450 ^B)				○	
	4. Benguet PH (100 ^B)		○			
	5. La Union RH (250 ^B)			○		
	6. Abra PH (100 ^B)		○			
	7. Gabriela Silang PH (100 ^B)		○			
	8. Don Mariano Marcos MH (100 ^B)					
	9. Ilocos Norte PH (200 ^B)			○		
II	1. Cagayan RH (300 ^B)				○	
	2. Cagayan Mental H (150 ^B)					Mental Hospital
	3. Kalinga-Apayao PH (100 ^B)		○			
	4. Cagayan PH (100 ^B)		○			
	5. Isabela PH (150 ^B)		○			
	6. Quirino PH (100 ^B)		○			
	7. Ifugao PH (100 ^B)		○			
	8. Maj. F. Marcos VH (150 ^B)			○		
	9. Nueva Vizcaya PH (100 ^B)		○			
	10. Batanes PH (75 ^B)		○			