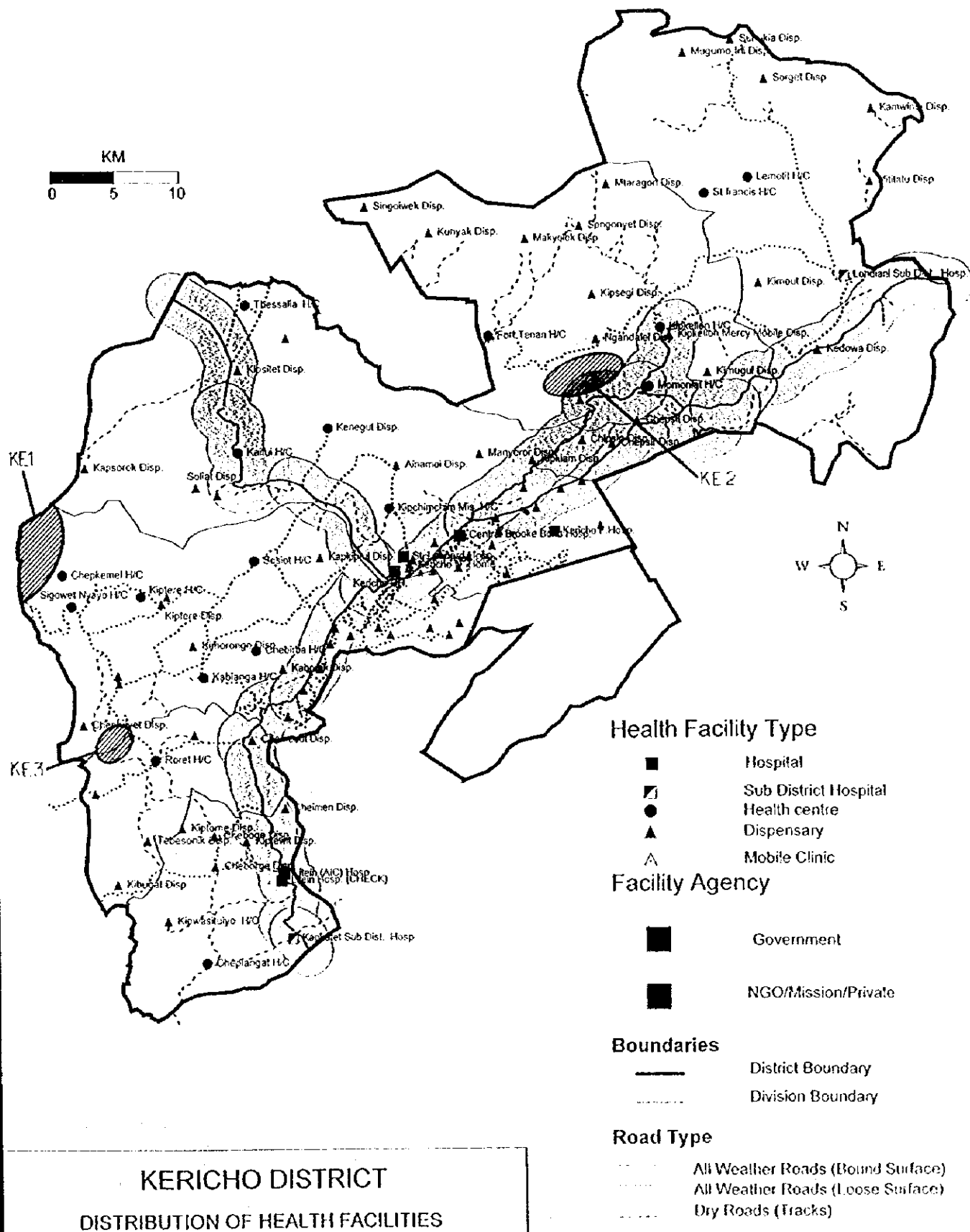

Appendix

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(K)

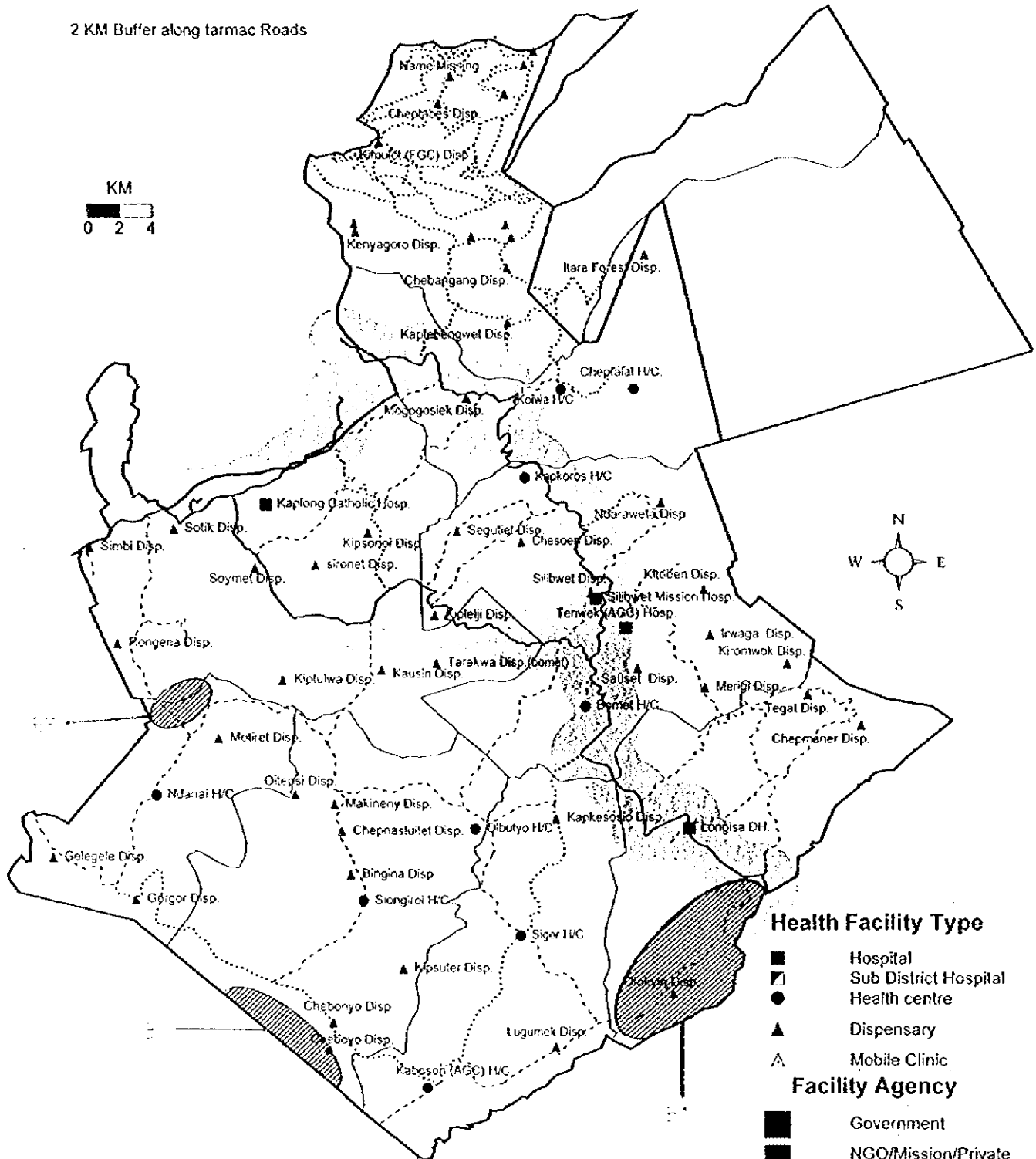
Distribution of Health Facilities and Road Transport Network in Kericho

 2 Kilometre Buffer along Tarmac Roads


Distribution of Health Facilities and Road Transport Network in Bomet

2 KM Buffer along tarmac Roads

KM
0 2 4



BOMET DISTRICT

DISTRIBUTION OF HEALTH FACILITIES

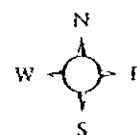
Distribution of Health Facilities and Road Transport Network in Nyamira

Health Facility Type

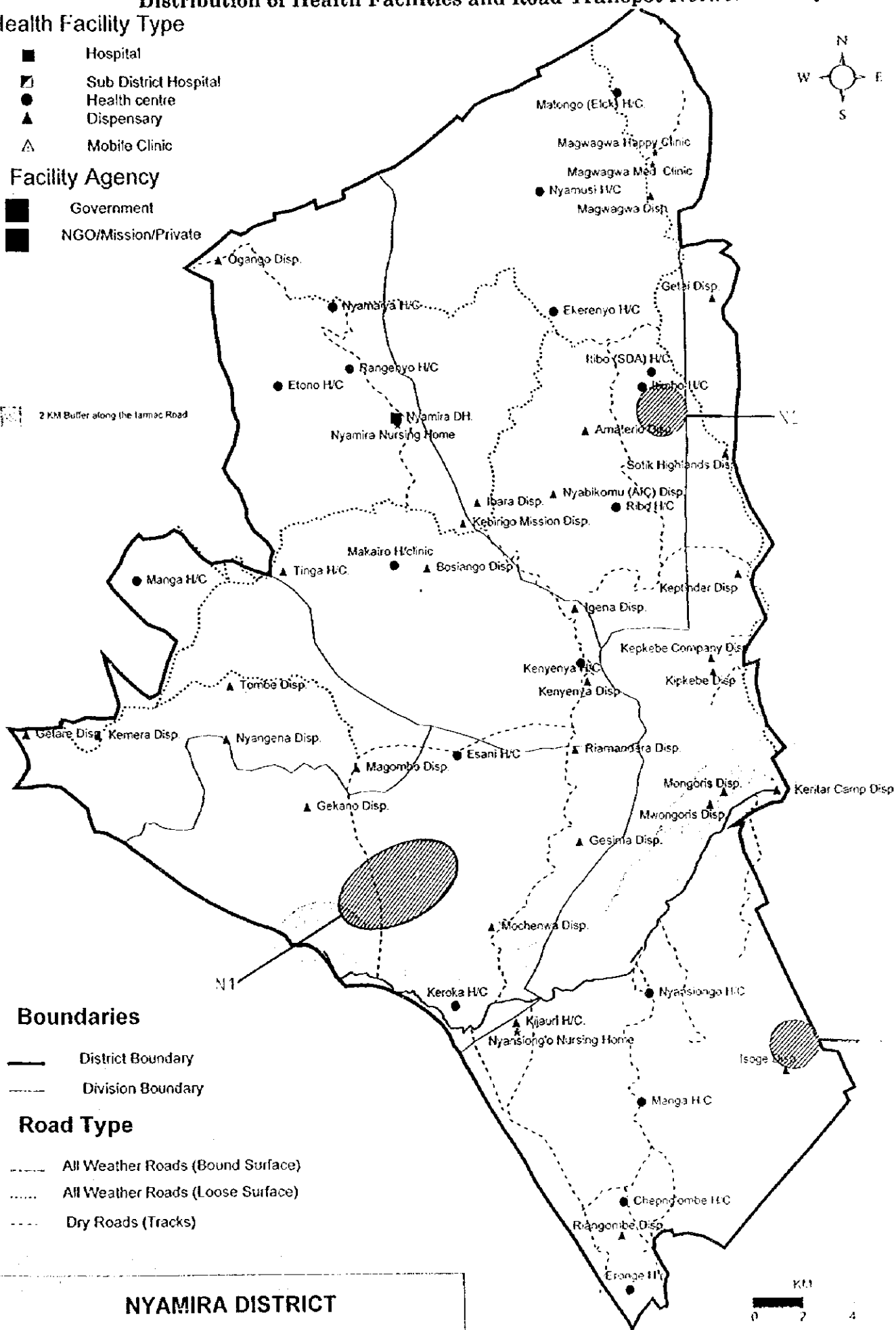
- Hospital
- ▣ Sub District Hospital
- Health centre
- ▲ Dispensary
- △ Mobile Clinic

Facility Agency

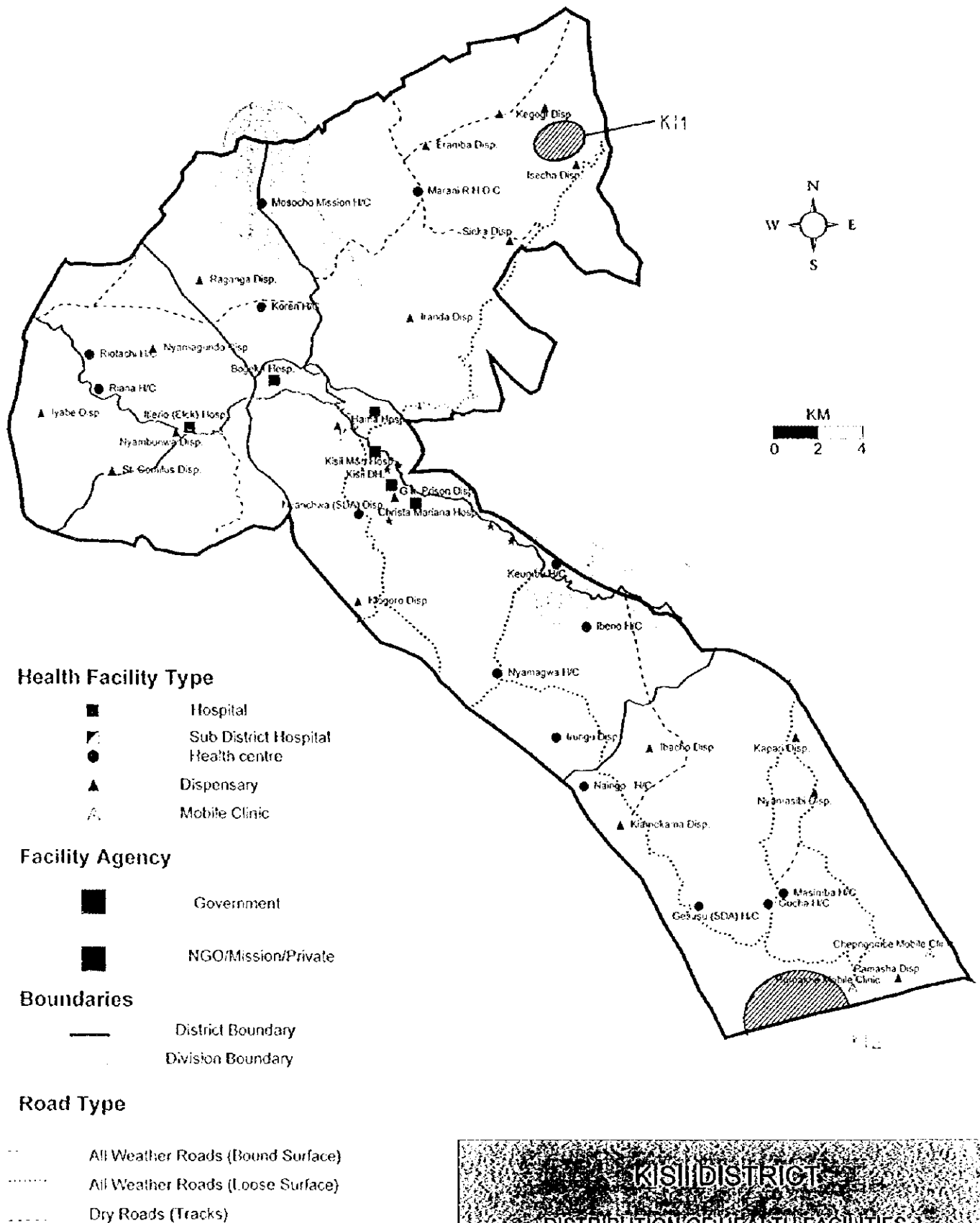
- Government
- NGO/Mission/Private



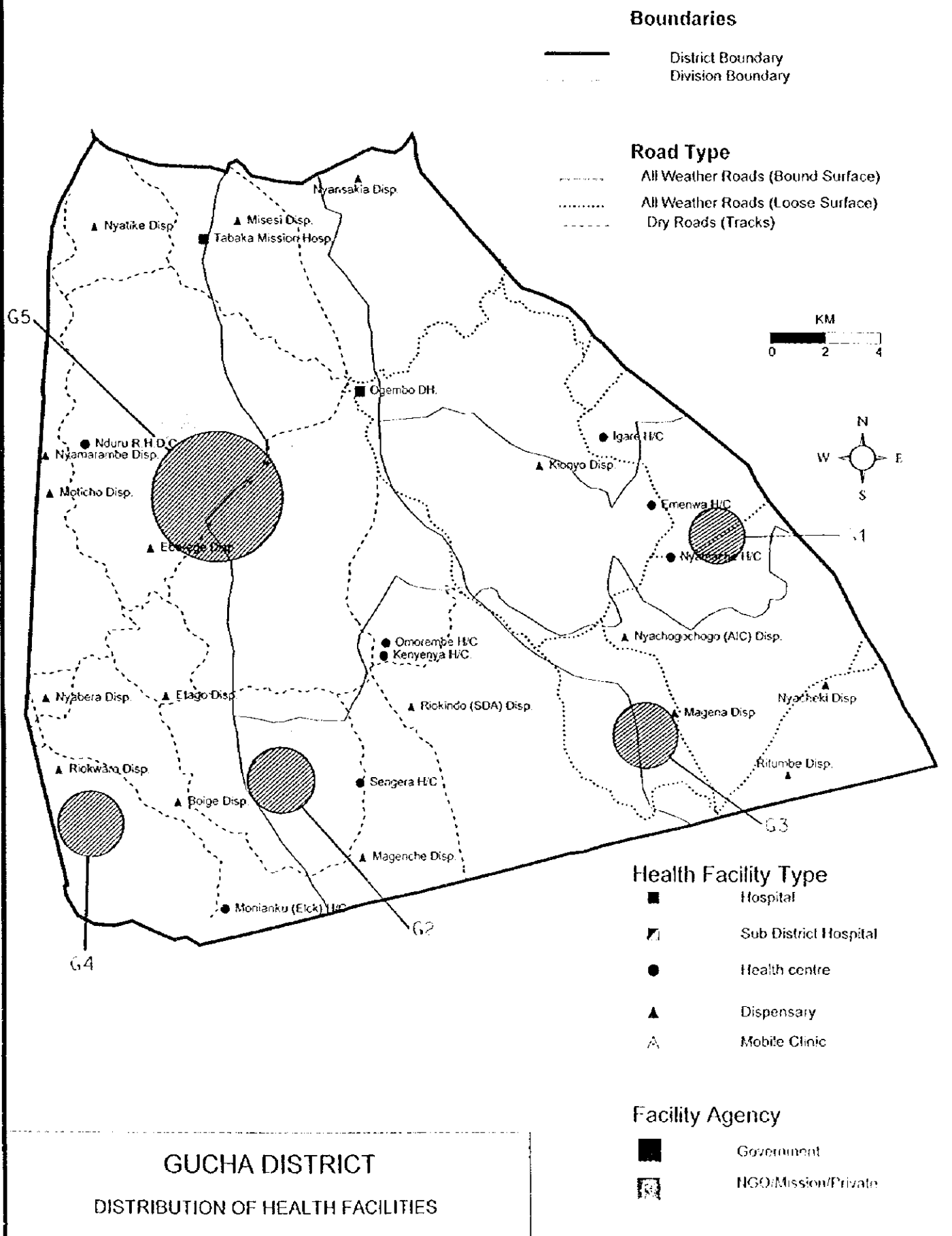
2 KM Buffer along the tarmac Road






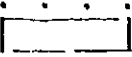
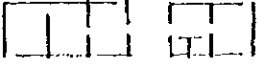
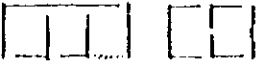
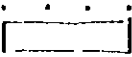


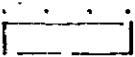
Distribution of Health Facilities and Road Transport Network in Kisii



Distribution of Health Facilities and Road Transport Network in Gucha

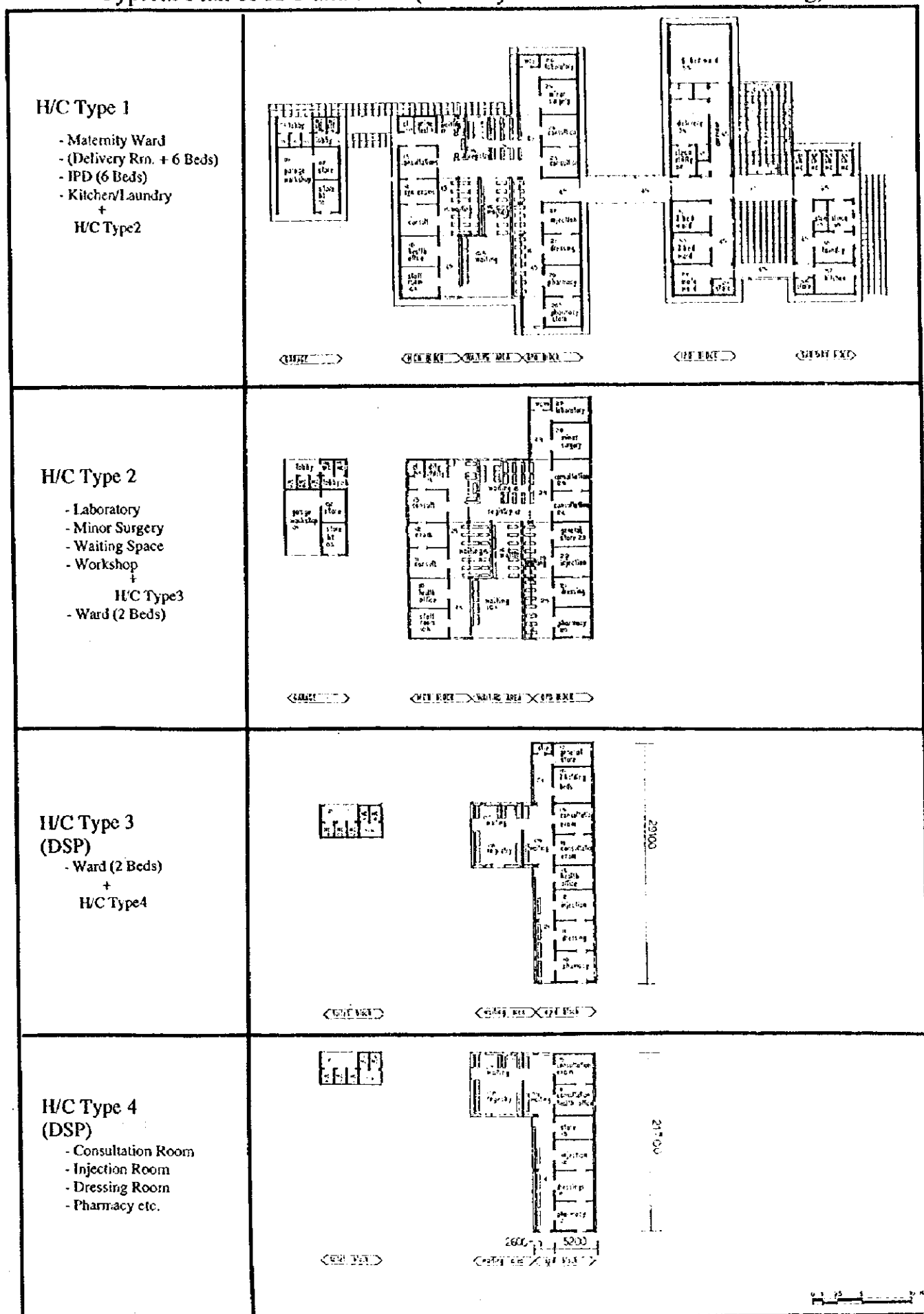


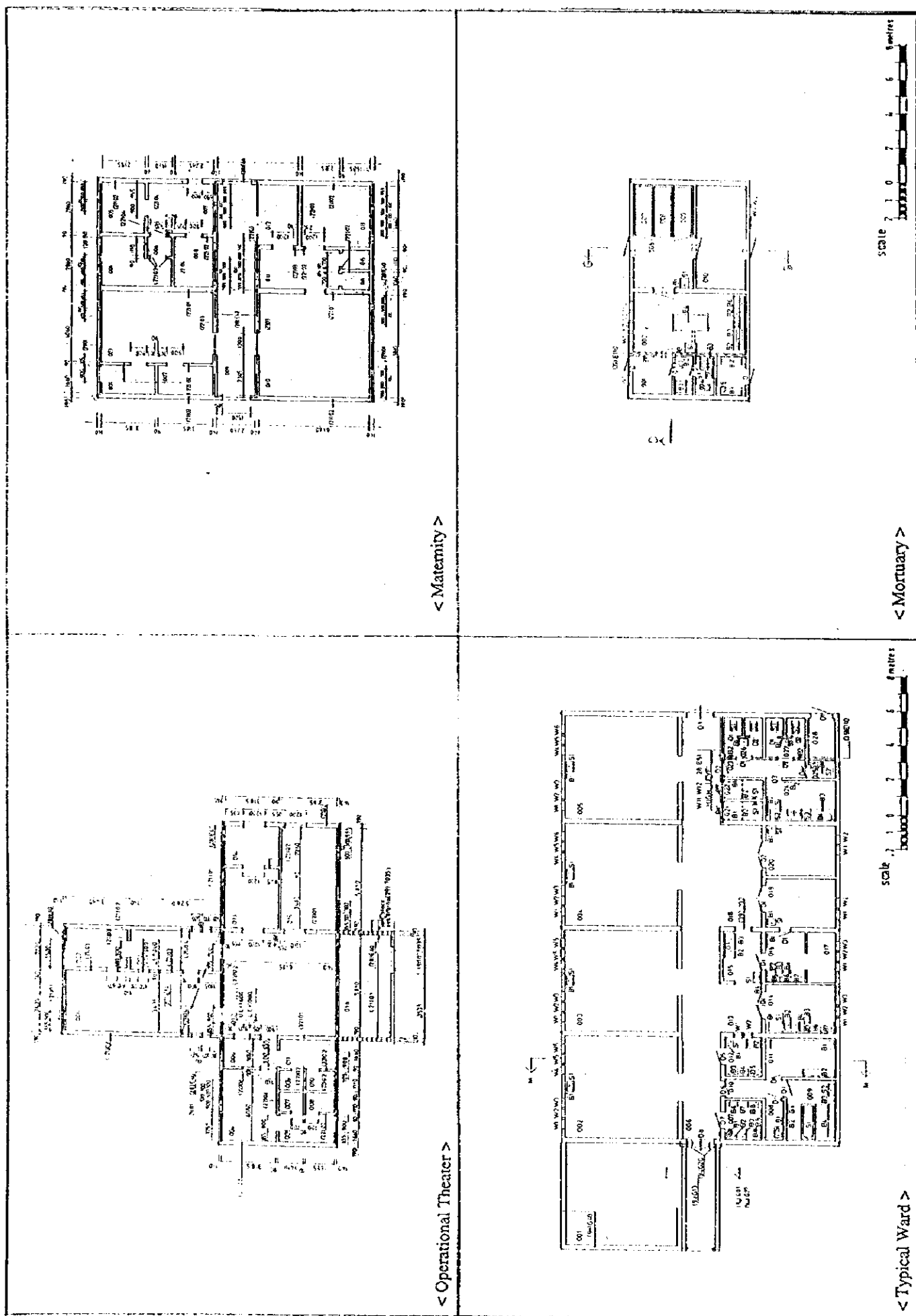
Typical Plan of Health Center (World Bank Scheme, August 1973)

<p>Health Center</p> <ol style="list-style-type: none"> 1. Consultation, Examination Treatment (1 bay) 2. In-patients Ward 3. Water Supply 4. 12 Staff Houses (2 houses should be higher grade) <p style="text-align: center;">+</p> <p>Sub Center Assembly</p>	<p>in patients</p>  <p>pharmacy</p>  <p>consultation, treatment</p> <p>admin.</p>  <p>consultation, examination</p> <p>assembly toilets</p>  <p>0 2.5 5 10 20 m</p>
<p>Health Sub-Center</p> <ol style="list-style-type: none"> 1. Consultation, Examination Treatment (2 bays) 2. Water Supply 3. 8 Staff Houses (0 should be high grade.) <p style="text-align: center;">+</p> <p>Dispensary Assembly</p>	<p>pharmacy</p>  <p>consultation, treatment</p> <p>admin.</p>  <p>consultation, examination</p> <p>assembly toilets</p>  <p>0 2.5 5 10 20 m</p>
<p>Dispensary</p> <ol style="list-style-type: none"> 1. Administration + Patient Toilet + Store 2. Pharmacy + Toilet Block 3. Water supply + Drainage 4. 4 Staff Houses 	<p>pharmacy</p>  <p>admin.</p>  <p>toilets</p>  <p>0 2.5 5 10 20 m</p>
<p>Specifications:</p> <ul style="list-style-type: none"> Concrete Columns Supporting timber trussed roof Clad with asbestos cement sheeting Walls: Concrete block work (exposed externally and plastered internally) Floor: Colored cement screed Ceiling: Soft boards fixed to roof construction Windows: All louver 	

Source: Health Center August 1973/Republic of Kenya Ministry of Works Building Department

Typical Plan of H/C and DSP (Ministry of Public Works and Housing)





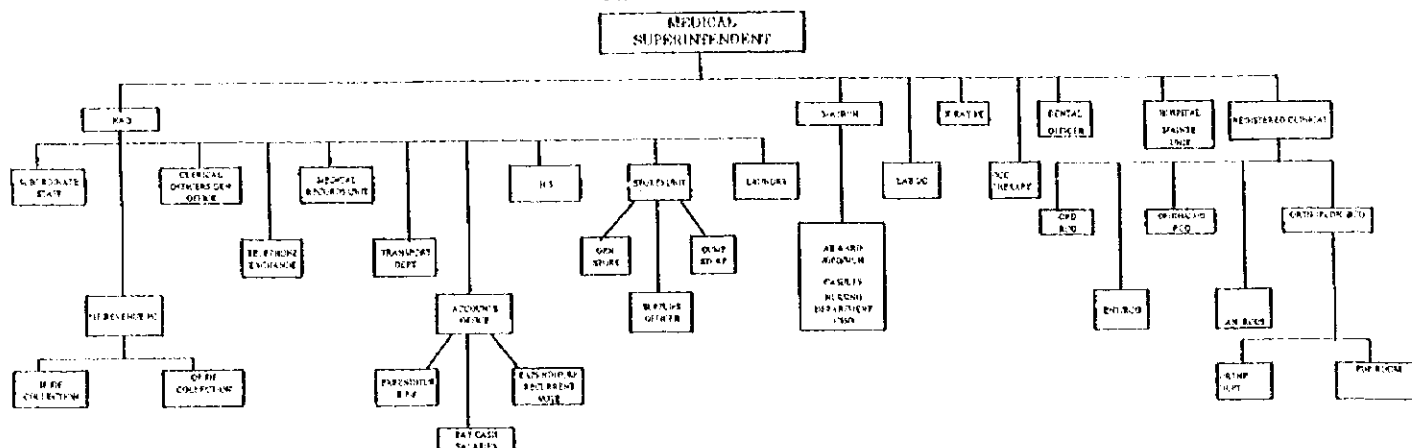
Typical Plan of District Hospital (Ministry of Public Works and housing)

source: Ministry of Public Works and Housing

STAFF ESTABLISHMENT

No.	Category		Kericho DH		Longisa DH	Nyamira DH		Kisii DH	total
			Present	Shortfall	(Bomet)	Present	Shortfall		
1	Medical Doctors	Medical Officers	5	5		3	4	3	17
2		Consultants	3	3	1	0	4	7	11
3	Dentist		2	0				1	2
4	Clinical Officers	Basic	27	3	5	16	15	49	66
5		Post-basic	9	4					13
6	Nursing officer							52	0
7	K.E.C.N.							235	0
8	Nurses	Community nurses	122	78	12	172	127		511
9		Kenya registered	21	14	4	21	15		75
10	Pharmacists		1	2					3
11	Pharmaceutical technologists		1	7	1	1	5	4	15
12	Dental	Technologists	3	1				1	4
13		Oral health officers	3	1		1	2		7
14	Hospital administrators		1	2	4	1	0	3	8
15	Laboratory Officers	Technicians	18	3	5	21	9	29	56
16		Technologists	6	3		3	2		14
17	Radiographers		5	1		3	1	8	10
18		Radiographic film processors	1	2		1	3		7
19	Physiotherapist		6	2		4	2	15	14
20	Plaster Technician					3	3	10	6
21	Occupational Therapists					4	2	7	6
22	Nutritionist		6	1				3	7
23		Nutrition technicians	1	2		5	10		18
24		Field worker				7	0		7
25	Medical engineering technologists		0	3		4	0		7
26		Medical engineering technician	6	3		0	0	7	9
27	Medical records officer		1	1		1	1	5	4
28		Medical records technicians	6	4		5	5		20
29	Supplies officer	Officer				0	1		1
30		Assistant	0	1		1	1	1	3
31	Storeman		3	2		7	0	2	12
32	Health education officer		1	1		1	1	1	4
33	Field health educators		7	2		15	0	7	24
34	Clerical staff		15	5		46	34		100
35	Typist					4	2	8	6
36	Driver					8	0	18	8
37	Telephone Operator					2	6	3	8
38	Cooks					3	4	2	7
39	Subordinate officers		44	20	2	147	79		292
40	Social workers		0	5				1	5
41	Casuals		17	10					27
42	Carpenters					1	1		2
43	Tailors					3	0		3
44	PHO				1	6	12	31	19
45	PHT				2	69	20		91
46	PHN					2	0		2
47	Executive officer							1	0
48	Artizans							4	0
	total		341	191	37	591	371	518	1531

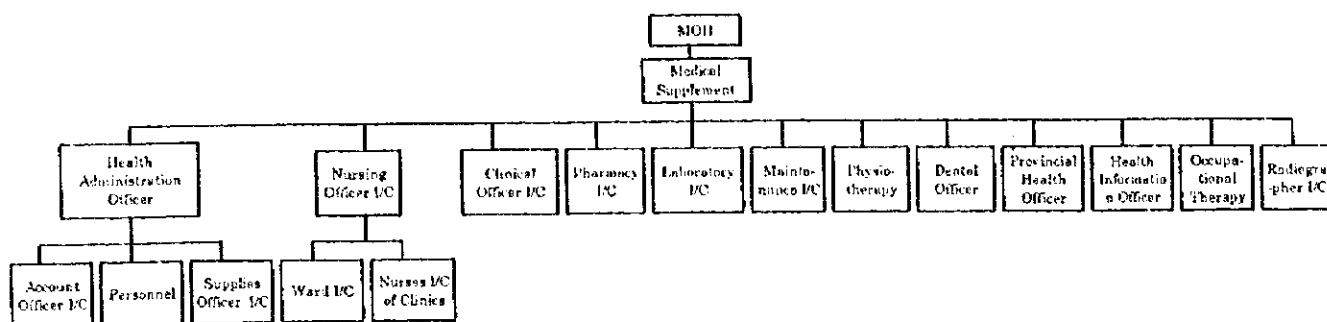
NYANIRA DISTRICT HOSPITAL



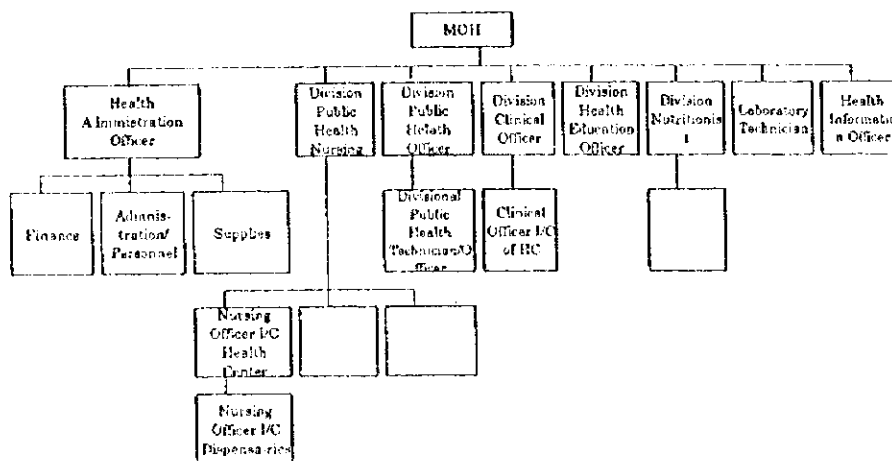
RAD: Refered
All Factual Department
Transportation

(N.D. 1998)

KISII DISTRICT HOSPITAL



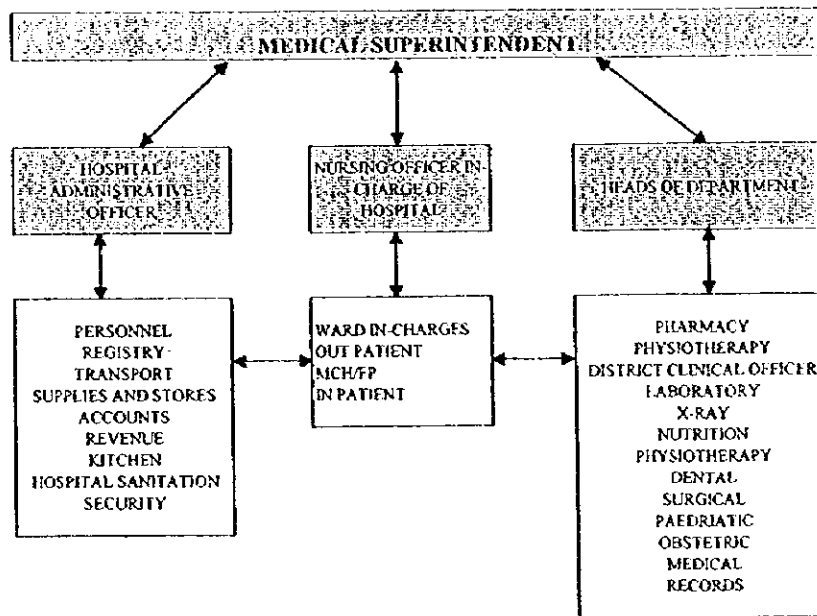
Rural Health Services



(Kisii Dist/July, 1998)

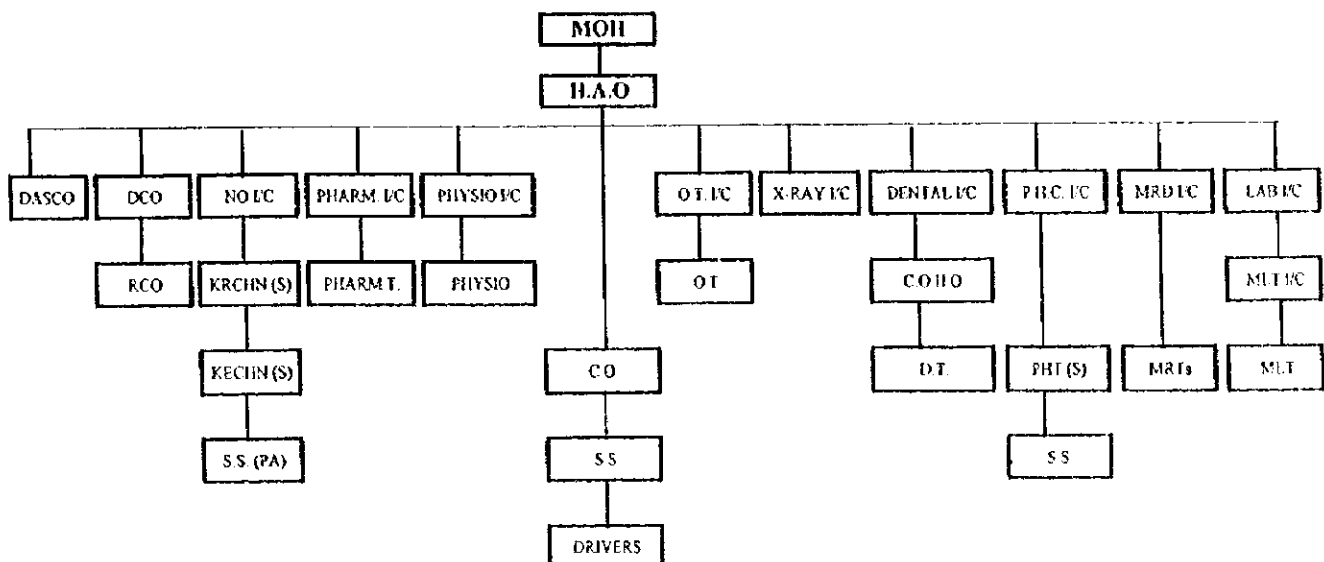
ORGANIZATION CHART

KERICHO DISTRICT HOSPITAL.



(Kericho DH / July, 1998)

LONGISA HOSPITAL (BOMET)

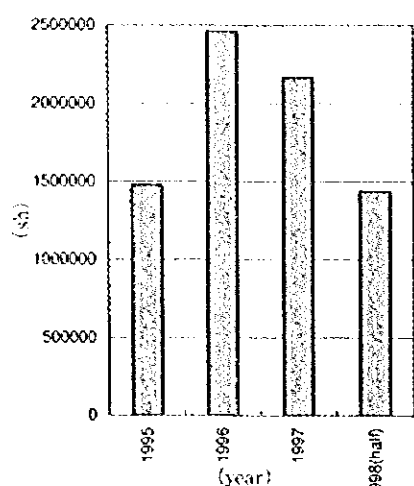


(Longisa DH / July, 1998)

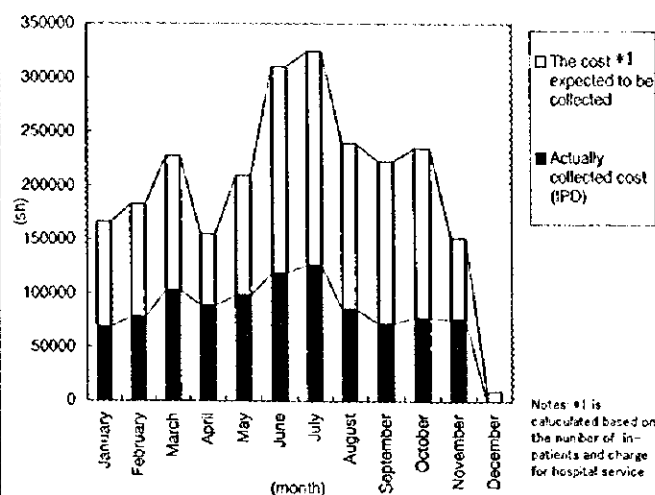
ORGANIZATION CHART

Cost Sharing Data, Kericho DH (1997)

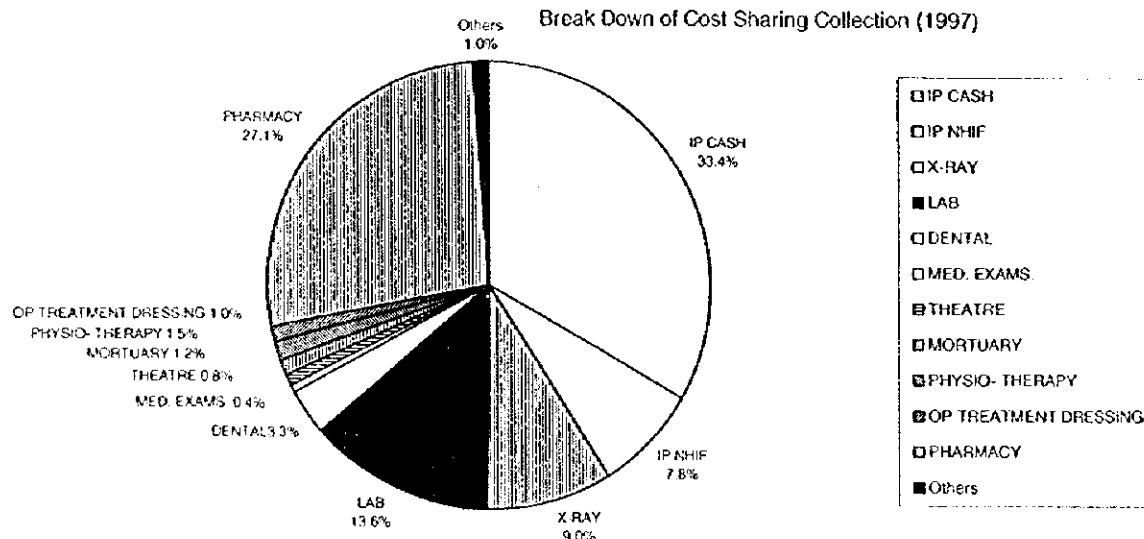
Cost Sharing Collected in Four Years



Collecting performance of cost sharing (In-patient service) (1997)



Break Down of Cost Sharing Collection (1997)

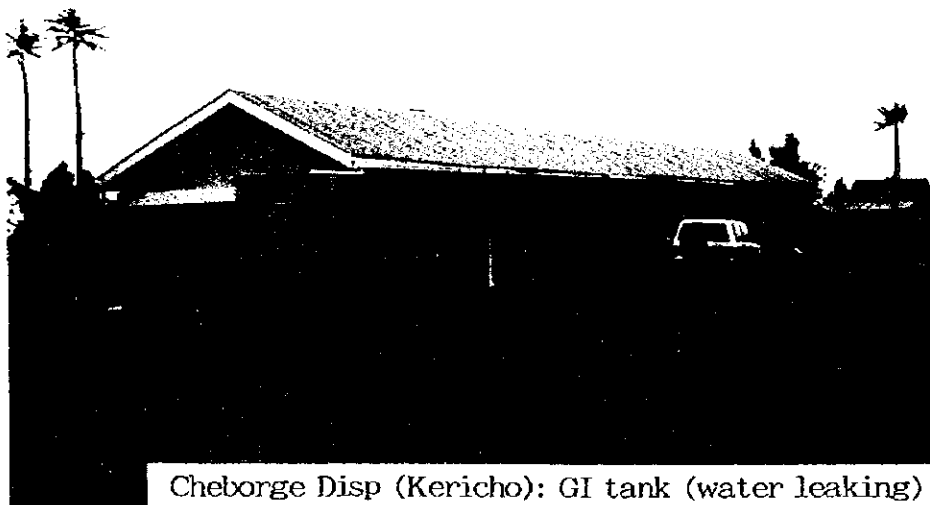
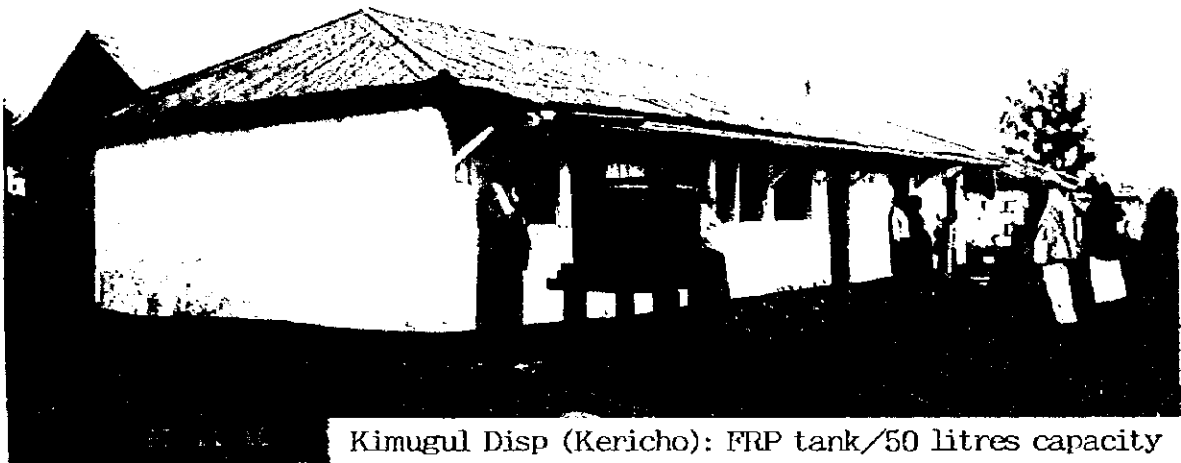


Requested price for cost-sharing in Kisii DHs

(unit:ksh)

Service	Current	Request*1	Service	Current	Request
Consultation	10	10	X-ray	75	150
Injection	20	50			Special 250
Medical examination	100	150	Dental	50	100
Medication	20	20	Laboratory	20	60
Delivery Service	80	300			Special 100
Admission fee	50		Operation (Minor)	50	300
Hospital Charge	30		(Major)	100	1500
Physiotherapy	20	50	Plaster	20	50
Source: Kisii DH					

Note: *1 Requested price is requested by the Kisii DH, and it is still under discussion in DHMT.



Nyansakia Disp (Gucha): Concrete tank newly built by PMIO Project

Water Tanks



Kericho DH/Ward 6 (Male Ward)



Kisii DH/Ward 1

Water Flushing Systems (out of order)



Olbutyo HC

Pit Latrine constructed by community



Tombe Disp: Pit Latrine (Constructed by Community)

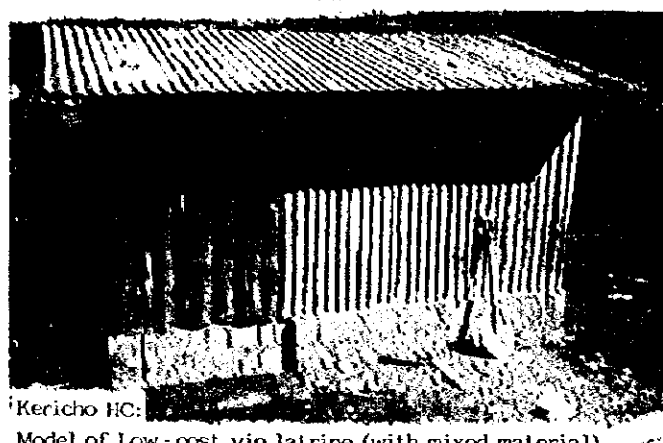


Chaplanget HC

Pit Latrine (Newly Constructed by PMIO Project)



Ogembo HC



Kericho HC

Model of Low-cost vip latrine (with mixed material)



Ogembo HC



Kericho HC

Kericho District Hospital
Existing Condition of Each Building

No.	Department	Floor Area Gross(m ²)	No of Patient (Prs/day)	Key problems	Physical condition
1	Administration-1	341	0	<ul style="list-style-type: none"> Age of building Inadequate lighting Sanitary installation non-operational 50% of all switches and electrical sockets non-operational Lack of maintenance 	<ul style="list-style-type: none"> 10m socket outlet damaged GCI roof covering damaged m² sand/cement screed floor damaged 4No. radiator gutters blocked No. 300x300mm glass panes broken
2	MCH/FP	177	100	<ul style="list-style-type: none"> Waiting area congested (not protected from rain) Congestion (incompatible activities- post natal, children clinic in same room) Inadequate lighting and ventilation Age of Building 	<ul style="list-style-type: none"> m² sand/cement screed damaged 2No. door locks damaged Ceiling (600x1200) soft board damaged m² of wall require painting GCI sheets roof covering damaged
3	OPD (Out-Patient Dept)	410	250	<ul style="list-style-type: none"> Congestion in service waiting Inadequate lighting, ventilation Sanitary installation not working 40% of all electrical switches and sockets are spoilt. Cost sharing difficult to access Mental clinic (inappropriate) 	<ul style="list-style-type: none"> 410m² sand /cement screed floor damaged 20No. 300x300 m glass panes broken 10No. socket outlets damaged No. rain gutters blocked No. door locks damaged/ceiling damaged
4	Laboratory	174	75 test/day	<ul style="list-style-type: none"> Age of building Inappropriate location (18740/2892/2103) patients in 1996 	<ul style="list-style-type: none"> 10No. 4mmx250x300 mm glass panes damaged 2No. 4mmx450mmx300mm glass panes damaged 5No. 5 x65 watts single batten fluorescent missing Standard steel basement door (6No. 300x650x6mmclear glass panes damaged) 1No. standard curtains missing
5	X-Ray	114	15 (5500 patnts/ yr)	<ul style="list-style-type: none"> Under renovation Inadequate space (no office space) No ultra sound room Patient privacy/inadequate 	<ul style="list-style-type: none"> GCI sheet leaking
6	Operating Theatre	546	1-1 12	<ul style="list-style-type: none"> Lack of general maintenance Ventilation/mechanical broken down Natural (lighting and artificial lighting inadequate Eye, Dental (and C-section) Age of Building Inadequate space General patients 12,000 in yr, 750 major operations and 130 minor operations) 	<ul style="list-style-type: none"> No. 300x300 mm glass panes broken to high level window No. socket outlet broken m x150 m timber railing to waiting area broken
7	Eye-theatre	123	-	<ul style="list-style-type: none"> Incomplete Building 	<ul style="list-style-type: none"> 600x1200 soft board ceiling damaged
8	Dental unit	28	14	<ul style="list-style-type: none"> Old building Inappropriate location Poor 	<ul style="list-style-type: none"> 1No. standard door damaged Sinks vandalized Screed floor damaged Roof leaking

No.	Department	Floor Area Gross(m ²)	No of Patient (Prs/day)	Key problems	Physical condition
9	Occupational/ Physiotherapy	165	4 28	<ul style="list-style-type: none"> Age of building Inadequate space In appropriate location physiotherapy sees 6240 out-patients and 3900 in-patients a year making it belong to central (diagnostic and treatment) 	<ul style="list-style-type: none"> All window fasteners broken No. standard external door damaged No. 600x1200 soft board ceiling damaged 165m² sand /cement screed damaged
10	Delivery ward	0			<ul style="list-style-type: none"> New Buildings Renovate
11	Kitchen	249.52	200prs/day	<ul style="list-style-type: none"> Cold storage not working Energy source change (electricity and gas) to wood fuel require improvements in emissions. 	<ul style="list-style-type: none"> 1No. cooling coil + cold storage damaged 1No. 4mmx150mmx450mm clear glass louvre missing 600x5metres Formica top damaged no. tank taps damaged. 1No. 800x2100 standard door missing
12	Laundry/stores	285	250kg/ day and 100kg (weekend)	<ul style="list-style-type: none"> Maintenance lacking, walls damp and moss growth 	<ul style="list-style-type: none"> 1No. 4mmx150 x450 mm clear glass louvres missing 2No. standard doors missing External/internal wall paint peeling off
13	Maintenance Stores	99.76	0	<ul style="list-style-type: none"> Leakages Lack of general maintenance Lack of facilities 	<ul style="list-style-type: none"> 1No. 4mmx150 x450 mm clear glass louvres missing 2No. standard doors missing External/internal wall paint peeling off
14	Mortuary	112.00	Design 12	<ul style="list-style-type: none"> Lack of maintenance 	<ul style="list-style-type: none"> Cold storage damaged 6No. 4mm x150mmx450mm clear glass louvres missing
15	KEPI Stores	98.4	0	<ul style="list-style-type: none"> Lack of general maintenance/ leakages 	<ul style="list-style-type: none"> GCI sheet leaking
16	PMIU	39.5		<ul style="list-style-type: none"> New building 	<ul style="list-style-type: none"> New Building
17	Power House	42		<ul style="list-style-type: none"> Old building General maintenance 	<ul style="list-style-type: none"> Standard door damaged
18	Old Kitchen	62.4		<ul style="list-style-type: none"> Old building Not in use Dumping ground 	<ul style="list-style-type: none"> Not in use
19	New ward 2 (Paed)	163.64	20 / 18	<ul style="list-style-type: none"> Age of Building Lack of maintenance Inadequate space No nurse station No storage facility in wards 40% sanitary/electrical switches and sockets non-operational Lack of maintenance 	<ul style="list-style-type: none"> All timber basement windows, frames rotten Soft board ceiling old Sand/cement screed floor damaged
20	Ward 3 (Isolation)	54.72	22 / 22	<ul style="list-style-type: none"> Inadequate space Age of building Lack of ventilation Un sanitary condition 	<ul style="list-style-type: none"> Foundations cracking/wall cracks 628 GCI sheets damaged Cement screed cracked 20No. 300x200 glass panes missing

No.	Department	Floor Area Gross(m ²)	No of Patient (Prs/day)	Key problems	Physical condition
21	Ward 4	201.00	15 / 18	<ul style="list-style-type: none"> • Age of building • Difficult supervision from nurse station (lack of visual contact) • Sanitary facilities and electrical (switches/sockets) 50% operational 	<ul style="list-style-type: none"> • Soft board ceiling damaged • roofing tiles leaking • casement windows (4no. 200x300mm) glass panes damaged • Ablition block damaged • (WC, WB)
22	Ward 5	384.00	40 / 38	<ul style="list-style-type: none"> • Lack of privacy • (8 bed wards and no curtains) • Sanitary facilities ie. Sink, drain pipe, faulty pipes • Electrical sockets and switches 	<ul style="list-style-type: none"> • Under renovation
23	Ward 6	384.00	38 / 36	<ul style="list-style-type: none"> • Lack of privacy • (8 bed wards and no curtains) • Sanitary facilities ie. Sink, drain pipe, faulty pipes • Electrical sockets and switches 	<ul style="list-style-type: none"> • Under renovation
24	Maternity ward (labour)	193.00	9/7 (m) 9/6 (c)	<ul style="list-style-type: none"> • Non-operational minor theatre • Lack of privacy (especially sound proofing) 	<ul style="list-style-type: none"> • Sand/cement screed floor damaged • 6No. 4mm. 150x450 mm louvres missing
25	Eye Ward	104.40	5 / 25	<ul style="list-style-type: none"> • Lack of privacy (visual) 	
26	Eye ward (Ext)	0		<ul style="list-style-type: none"> • Incomplete 	
27	Ward 2 Old	163.64		<ul style="list-style-type: none"> • (not in use) 	
	Total	4714.98		<ul style="list-style-type: none"> • 	

Nyamira District Hospital
Existing Condition of Each Building

No.	Bldg.	Room	Description of defects	Quantities
1	Administration Block 1	Laboratory	PVC floor tiles Door damaged 2 lever door locks 800 x 150 louvre glass	1.0 sqm 2 No 4 No
		Blood Donor	PVC floor tiles 2 lever door locks 800 x 150 louvre glass	12. sqm 2 No 6 No
		General Laboratory	PVC floor tiles 2 lever door locks 800 x 150 louvre glass 100 x 850 formica kicking plate 300 x 850 formica push plate	24.0 sqm, 2 No 20 No 1 No 1 No
		Bacteriology Lab	100 x 850 formica kicking plate 800 x 150 louvre glass PVC floor tiles	1 No 8 No 6 sqm
		NHIF Office	PVC floor tiles 850 x 100 formica kicking plate Door lock 800 x 150 louvre glass PVC skirting damaged	1.0 sqm 1 No 1 No 1 No 1m
		Medical Supritendant Office	PVC floor tiles 850 x 100 formica kicking plate	1.0 sqm 1 No
		Cash Office	800 x 150 louvre glass 800 x 100 formica kicking plate	2 No 1 No
		General Office	850 x 100 formica kicking plate 850 x 300 formica push plate 800 x 150 louvre glass broken	1 No 1 No 2 No
		Matrons Office	850 x 100 formica kicking plate damaged PVC floor tiles 800 x 150 louvre glass	1 No 1.0 sqm 1 No
		MOH Secretary's Office	850 x 100 formica kicking plate PVC floor tiles PVC skirting damaged	1 No 1.0 sqm 2 m
		MOH Office	900 x 2100 flush door 850 x 100 formica kicking plate 850 x 300 formica push plate 2 lever door lock	1 No 2 No 2 No 1 No
		Laboratory's Wash Room	800 x 150 louvre glass 850 x 100 formica kicking plate 850 x 300 formica push plate 1200 x 2100 (50 x 150) door frame	12 No 1 No 1 No 1 No
		Island Toilets	800 x 150 formica kicking plate 800 x 150 translucent louvre glass	4 No 6 No
		Reception	800 x 100 counter timber skirting	
		Telephone Exchange Room	PVC floor tiles 2 lever door lock 800 x 150 louvre glass 850 x 100 formica kicking plate 850 x 300 formica push plate	1.0 sqm 2 No 3 No 1 No 1 No
		Toilets	Door locks 850 x 100 formica kicking plate 800 x 150 translucent louvre glasses	3 No 3 No 4 No
		Admission Office	800 x 100 louvre glass 850 x 100 formica kicking plate 850 x 300 formica push plate	2 No 2 No 2 No

Appendix-10b

2	Out patient Department		900 x 2400 (50 x 150) door frame	1 No
		Occupational Therapy	PVC floor finish	36 sqm
			900 x 2600 (50 x 150) door frame	1 No
			850 x 100 formica kicking plate	2 No
		Pharmacy Dispensary	PVC floor finish	36 sqm
			500 x 700 blockboard sliding shutter	1 No
			850 x 100 formica kicking plate	1 No
			2 lever door lock	1 No
		Pharmacy Office	2 lever door lock	1 No
		Pharmacy Store	800 x 150 louvre glass	4 No
			850 x 100 formica kicking plate	1 No
			50 x 2100 frame beading	
			900 x 2100 sliding	
		Office	PVC tiles floor finish	9 sqm
			850 x 300 formica kicking plate	1 No
		Patients Toilets	850 x 100 formica kicking plate	2 No
			850 x 300 formica push plate	2 No
			2 lever door lock	1 No
		Canteen	Softboard ceiling	8.6 sqm
			Roof leak	
		Dental Clinics (3 Rooms)	900 x 2100 (50 x 150) door frame	
3	Casualty	MCH Clinic	2 lever door lock	1 No
			PVC tiles floor finish	18 sqm
			2 lever door lock	1 No
			800 x 150 louvre glass	1 No
			900 x 2100 flush door	1 No
			2 lever door lock	1 No
			850 x 100 formica kicking plate	2 No
			850 x 300 push plate	2 No
		Nutrition Office	2 lever door lock	1 No
			850 x 100 formica kicking plate	1 No
			850 x 300 formica kicking plate	1 No
		MCH Examination (4 Rooms)	2 lever door lock	1 No
			850 x 100 formica kicking plate	2 No
			850 x 300 formica push plate	2 No
			900 x 900 clear glass	1 No
			700 x 900 translucent glass	1 No
		Revenue Office	850 x 100 formica kicking plate	1 No
		OPD Examination	2 lever door lock	1 No
			850 x 100 formica kicking plate	2 No
		Library	850 x 100 formica kicking plate	1 No
			850 x 300 formica push plate	1 No
		Toilets	850 x 100 formica kicking plate	2 No
		Passage	1800 x 2100 double timber/glass door	12 No
			PVC floor tiles	40 sqm
		Orthopedic	PVC floor tiles worn out	11 sqm
			2 lever door lock	2 No
		Plaster Room	800 x 150 louvre glass	4 No
			850 x 100 formica kicking plate	2 No
			850 x 300 formica push plate	2 No
			850 x 2100 flush door	1 No
			2 lever door lock	1 No
		Minor Theatre	800 x 150 louvre glass	6 No
			850 x 100 formica kicking plate	1 No
			Dead lock	1 No
		Sluice Room	800 x 150 louvre glass	2 No
			900 x 2100 flush door	1 No
			2 lever door lock	1 No

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			850 x 100 formica kicking plate	1 No
		Office	800 x 150 louvre glass	1 No
			2 lever door lock	1 No
			850 x 100 formica kicking plate	1 No
		Examination Recovery Space	800 x 150 louvre glass	2 No
			2 lever door lock	1 No
			PVC floor tiles	40 sqm
		Toilets	800 x 150 translucent louvre glass	2 No
		Medical Officer 2	900 x 2100 (50 x 150) door frame	1 No
			900 x 2100 flush door	1 No
			2 lever door lock	1 No
			850 x 100 formica kicking plate	2 No
		Medical Officer 1	850 x 300 formica kicking plate	2 No
			PVC floor tiles worn out	12 sqm
			PVC floor tiles	12 sqm
4	X-ray Department	Physiotherapy	Soft board ceiling	2.0 sqm
			Roof leak	
		Eye Clinics (3 Rooms)	600 x 900 mm glass	6 No
			800 x 150 louvre glass	1 No
			PVC floor tiles	42 sqm
			1300 x 900 broken glass	2 No
			850 x 900 broken glass	2 No
			800 x 150 louvre glass	2 No
			2 lever door lock	3 No
			600 x 2000 formica top finish	
			850 x 100 formica kicking plate	1 No
		Toilets	850 x 100 formica kicking plate	3 No
		ENT Clinic	PVC floor finish	18 sqm
			800 x 150 louvre glass	3 No
			850 x 100 formica kicking plate	2 No
			900 x 300 louvre glass	1 No
5	Theatre	Revenue Office	300 x 850 aluminium kicking plate	3 No
			6400 x 1400 window opening	1 No
		Main X-ray	300 x 1300 formica kicking plate	6 No
			100 x 1300 formica kicking plate	6 No
			300 x 800 formica kicking plate	5 No
6	Ward I (Male)	Passage	100 x 800 formica kicking plate	4 No
			900 x 2100 flush door	1 No
			PVC tiles floor finish	14 sqm
			300 x 850 formica kicking plate	23 No
			100 x formica kicking plate	25 No
		Cleaners Room	PVC floor tiles finish	20 sqm
			900 x 2100 flush door	7 No
			2 lever door lock	7 No
		Kitchen	150 x 800 louvre glass	1 No
			Plaster work	1 sqm
		Passage	2000 x 2100 flush/glass door	1 No
			300 x 900 formica kicking plate	2 No
			100 x 900 formica kicking plate	2 No
			Rebated door lock	1 No
			PVC tiles floor finish	378 sqm
		Cleaners Room	150 x 700 louvre glass	3 No
			2 lever door lock	1 No
		Kitchen	600 x 700 timber/formica worktop	1 No
			700 x 900 window glass pane	1 No
			150 x 700 louvre glass	2 No
			2 lever door lock	1 No
			100 x 850 formica kicking plate	2 No
			300 x 850 formica kicking plate	2 No
		Room 1	150 x 700 louvre glass	3 No

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7	Ward 2		700 x 900 window glass pane	3 No
		Room 2	150 x 700 louvre glass 700 x 900 window glass pane	3 No 1 No
		Room 3	150 x 700 louvre glass 700 x 900 window glass pane 100 x 850 formica kicking plate 300 x 850 formica kicking plate	2 No 3 No 2 No 2 No
		Room 4	150 x 700 louvre glass 700 x 900 window glass pane 100 x 850 formica kicking plate 300 x 850 formica kicking plate	1 No 1 No 2 No 2 No
		Room 5	150 x 700 louvre glass 700 x 900 window glass pane	5 No 1 No
		Room 6	700 x 900 window glass pane	3 No
		Toilet in Room 6	150 x 700 louvre glass 750 x 1800 flush door 150 mm D-handle 1100 x 2600 (50 x 150) door frame 1100 x 2100 flush door 500 x 1100 door glass pane 300 x 1100 formica kicking plate 100 x 1100 formica kicking plate 2 lever door lock	3 No 1 No 1 No 1 No 1 No 1 No 2 No 2 No 1 No
		Passage	700 x 900 window glass pane 150 x 700 louvre glass 700 x 1200 door glass pane 850 x 1200 plywood panel	4 No 4 No 1 No 1 No
		Sluice Room	150 x 700 louvre glass 2 lever door lock	2 No 1 No
		Bathroom	2 lever door lock	1 No
		Store	300 x 850 formica kicking plate 2 lever door lock	1 No 1 No
	Ward 2	General	2000 x 2100 flush/glass door 300 x 900 formica kicking plate 100 x 900 formica kicking plate Rebated door lock PVC tiles floor finish	1 No 2 No 2 No 1 No 378 sqm
		Office	2 lever door lock	1 No
		Room 1	700 x 900 window glass pane 150 x 700 louvre glass	1 No 2 No
		Room 2	700 x 900 window glass pane 150 x 700 louvre glass	1 No 1 No
		Room 3	300 x 1100 formica kicking plate 100 x 1100 formica kicking plate	2 No 2 No
		Room 4	300 x 1100 formica kicking plate 100 x 1100 formica kicking plate	2 No 2 No
		Room 5	850 x 1100 plywood panel to external door 900 x 2600 (50 x 150) door frame	2 No 1 No
		Room 6	700 x 900 window glass pane 150 x 700 louvre glass	2 No 1 No
		Room 7	700 x 900 window glass pane 150 x 700 louvre glass	2 No 2 No
		Toilet	1100 x 2100 flush door 500 x 1100 door glass pane 300 x 1100 formica kicking plate 100 x 1100 formica kicking plate 2 lever door lock	1 No 1 No 2 No 2 No 1 No
		Passage	700 x 900 window glass pane 150 x 700 louvre glass	2 No 2 No
		Staff Toilet	2 lever door lock	1 No

Appendix-10b

8	Children's Ward (Wing A)	Treatment Room	1100 x 2100 flush door 300 x 1100 formica kicking plate 100 x 1100 formica kicking plate 2 lever door lock	1 No 2 No 2 No 1 No
		Tea Room	900 x 2100 flush door 300 x 850 formica kicking plate 100 x 850 formica kicking plate 2 lever door lock	1 No 2 No 2 No 1 No
		Sluice Room	300 x 1100 formica kicking plate 100 x 1100 formica kicking plate 2 lever door lock	2 No 2 No 1 No
		Linen Store	2 lever door lock	1 No
		General	PVC floor tiles	378 sqm
		Office	150 x 700 louvre glass	1 No
		General Store	2 lever door lock	1 No
		Room 1	700 x 900 window glass pane 300 x 1100 formica kicking plate 100 x 1100 formica kicking plate	1 No 2 No 1 No
		Room 2	700 x 900 window glass pane 150 x 700 glass louvre	1 No 1 No
		Room 3	700 x 900 window glass pane 150 x 700 glass louvre	1 No 1 No
		Room 4	1000 x 1000 plywood panel to T & G door 2 lever door lock 300 x 1100 Formica kicking plate 100 x 1100 formica kicking plate	2 No 1 No 2 No 2 No
		Toilets	1100 x 2100 flush door 2 lever door lock 300 x 1100 Formica kicking plate 100 x 1100 formica kicking plate	1 No 1 No 2 No 2 No
		Passage	900 x 1000 plywood panel to T & G door 700 x 900 window glass pane 150 x 700 glass louvre Rebated door lock 1100 x 2100 flush door 300 x 1100 Formica kicking plate 100 x 1100 formica kicking plate	2 No 3 No 1 No 1 No 1 No 2 No 2 No
		Cleaners Room	900 x 2100 flush door 2 lever door lock	1 No 1 NO
9	Children's Ward (Wing B)	Tea Room	2 lever door lock	1 No
		Cleaners Room	2 lever door lock	1 No
		Kitchen	100 x 2100 flush door 2 lever door lock 600 x 7000 timber/formica worktop 150 x 700 louvre glass 700 x 900 window glass pane	1 No 1 No 1 No 9 No 2 No
		Room 1	700 x 900 window glass pane	1 No
		Room 2	700 x 900 window glass pane	1 No
		Room 3	700 x 900 window glass pane	2 No
		Room 4	700 x 900 window glass pane 150 x 700 louvre glass	1 No 2 No
		Room 5	Rebated door lock 850 x 1000 plywood panel to T & G door	1 No 2 No
		Passage	150 x 700 louvre glass 700 x 900 window glass pane 900 x 900 door glass pane	3 No 2 No 1 No
		Nurse Station	600 x 4000 timber/formica worktop	1 No
10	Maternity Ward (Wing A)	Health Information Office	700 x 900 window glass pane	1 No

Appendix-10b

			2 lever door lock	2 No
		Store	2 lever door lock	1 No
		Milk Kitchen	2 lever door lock	1 No
		Room 6	300 x 1100 Formica kicking plate 100 x 1100 formica kicking plate	2 No 2 No
		Delivery Room	150 x 700 louvre glass 600 x 4000 timber/formica worktop 300 x 1100 Formica kicking plate 100 x 1100 formica kicking plate	1 No 1 No 8 No 8 No
		Sluice Room	300 x 1100 Formica kicking plate 100 x 1100 formica kicking plate 2 lever door lock	2 No 2 No 1 No
		Tea Room	300 x 1100 Formica kicking plate 100 x 1100 formica kicking plate 2 lever door lock	2 No 2 No 1 No
		Autoclave Room	300 x 1100 Formica kicking plate 100 x 1100 formica kicking plate	2 No 2 No
		Passage	150 x 700 louvre glass Aluminium door floor spring 1100 x 2100 flush/glass door	5 No 1 No 1 No
11	Maternity Ward (Wing B)	Kitchen	700 x 900 window glass pane 150 x 700 louvre glass 300 x 1100 Formica kicking plate 100 x 1100 formica kicking plate 600 x 700 timber/formica worktop	1 No 5 No 2 No 1 No 1 No
		Room 1	300 x 1100 Formica kicking plate 100 x 1100 formica kicking plate	2 No 2 No
		Room 3	150 x 700 louvre glass	1 No
		Room 4	150 x 700 louvre glass 700 x 900 window glass pane	1 No 1 No
		Room 5	2200 x 2100 external framed T & G door 300 x 1100 Formica kicking plate 100 x 1100 formica kicking plate Rebated door lock	1 No 4 No 4 No 1 No
		Room 6	150 x 700 louvre glass	2 No
		Toilet	150 x 700 louvre glass 750 x 1800 flush door 1100 x 2100 flush door 300 x 1100 Formica kicking plate 100 x 1100 formica kicking plate 2 lever door lock	4 No 3 No 1 No 2 No 2 No 1 No
		Store	100 x 1100 formica kicking plate	2 No
		Passage	700 x 900 window glass pane 150 x 700 louvre glass	1 No 4 No
		Sluice Room	150 x 700 louvre glass	2 No
12	Isolation Ward	Room 1	PVC floor tiles 1100 x 100 formica kicking plate 1100 x 300 formica push plate 800 x 150 louvre glass	56 sqm 3 No 2 No 1 No
		Room 2	1100 x 800 plywood facing to external door 800 x 150 louvre glass PVC floor tiles 200 x 900 clear glass Roof leak	2 No 1 No 21 sqm 1 No
		Room 3	PVC floor tiles 800 x 150 louvre glass Roof leak	21.0 sqm 4 No
		Sluice Room	850 x 100 formica kicking plate 800 x 150 louvre glass 400 x 150 louvre glass	2 No 1 No 1 No

Appendix-10b

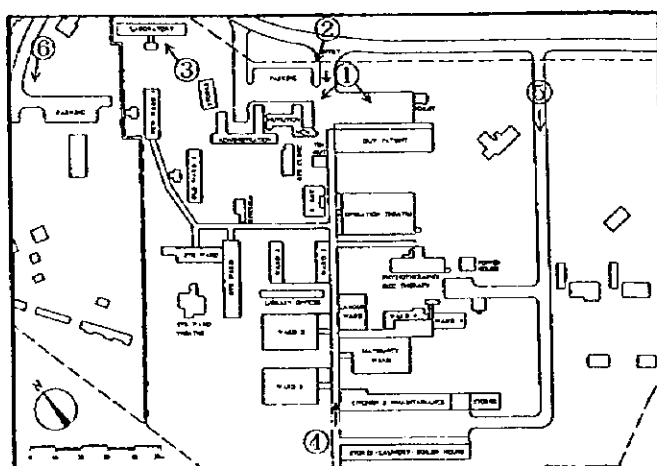
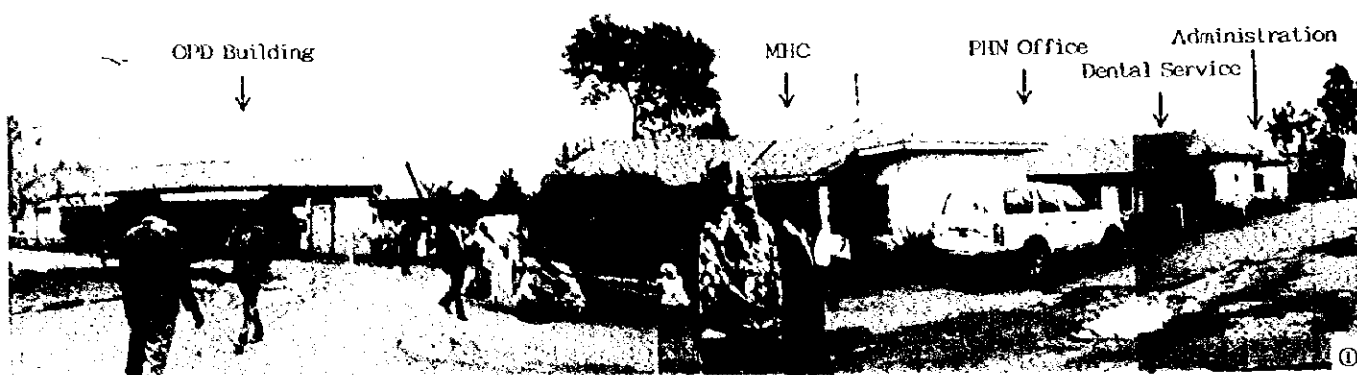
		Utility	800 x 150 louvre glass 900 x 2100 flush door 2 lever door lock 850 x 100 formica kicking plate 850 x 300 formica kicking plate	6 No 1 No 1 No 2 No 2 No
		Room 4	PVC floor tiles 150 mm floor trap grating PVC floor tiles 800 x 150 louvre glass	21.0 sqm 21 sqm 3 No
		Room 6	800 x 150 louvre glass 400 x 150 louvre glass 150 mm floor trap grating PVC tiles floor finish	3 No 2 No 32 sqm
		Room 7	PVC tiles floor finish 800 x 150 louvre glass 400 x 150 louvre glass broken 2 lever door lock 1100 x 800 plywood facing to external T & G door	56 sqm 2 No 3 No 1 No
		Store	850 x 300 formica kicking plate	2 No
		Pantry Room	800 x 150 glass louvres 1100 x 300 formica push plates	7 No 4 No
		Cleaners Room	850 x 300 formica push plate	1 No
		Passage	2300 x 2100 external timber/glass door 1100 x 100 formica kicking plate 1100 x 300 formica push plate Double door locks 800 x 150 louvre glass PVC tiles floor finish	1 No 4 No 4 No 6 No 20 No 135 sqm
13	Kitchen/Stores	Cooking Space	1800 x 2100 main door 2 lever door lock 800 x 900 broken glass 1500 x 800 mosquito gauge 1500 x 1500 mosquito gauge 2 lever dead lock sliding metal shatter lock Paint wall	1 No 2 No 2 No 1 No 1 No 1 No
		Store 2 & 3	Leaking roof	
		Firewood Store	200 x 2100 timber door	1 No
14	Laundry & Boiler	Laundry	Double door lock 800 x 150 glass louvres 1800 x 2100 external double timber louvre door 100 mm aluminium D-handles	2 No 16 No 1 No 4 No
		Store 1	800 x 150 glass louvers 1800 x 2100 double timber door 500 x 4000 window opening Leaking roof	3 No 1 No
15	Mortuary		2200 x 2100 external framed T & G door 900 x 2100 external framed T & G door Rebated door lock 2 lever door lock 150 x 700 louvre glass	1 No 1 No 1 No 1 No 6 No

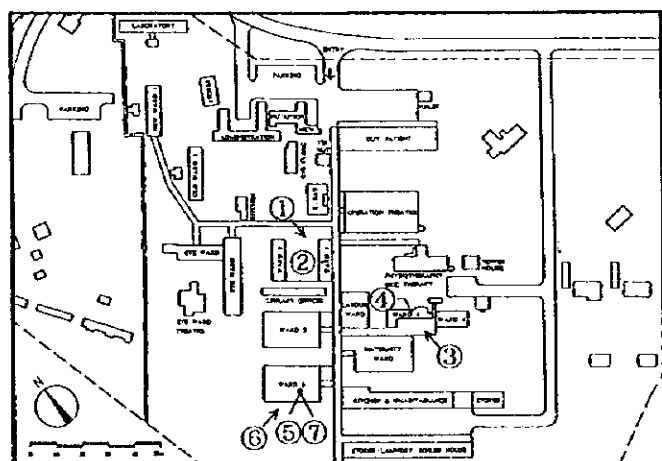
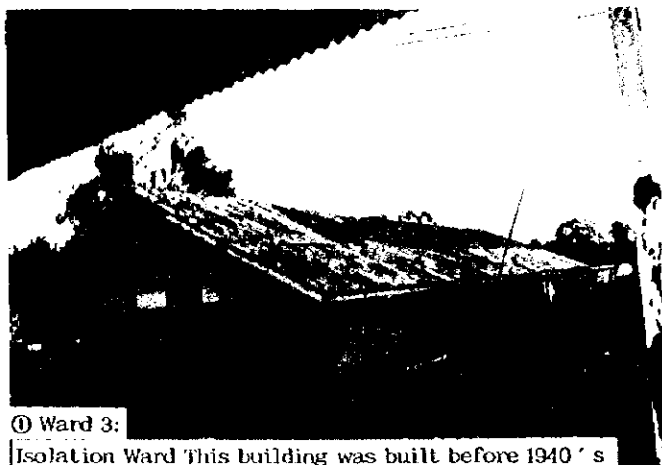
Kisii District Hospital
Existing Condition of Buildings

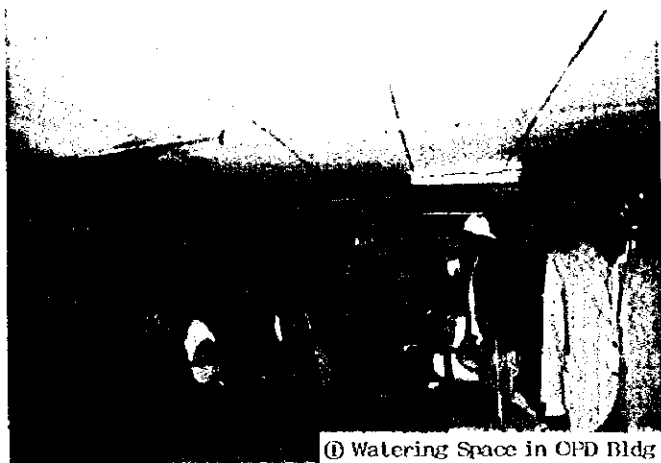
No.	Department	Floor Area (m ²)	No of Patients	Key Problems	Intervention
1	MCH/FP	490	-	<ul style="list-style-type: none"> Overcrowded Waiting areas (in corridor) not adequate Poor sanitation Inadequate working space for staff 	<ul style="list-style-type: none"> Expand to cater for large number of patients conversion of some of rooms into waiting areas Providing water in order to keep toilets functional and clean Provide proper staff station.
2	Specialized Clinics	331	-	<ul style="list-style-type: none"> Overcrowded with:- Surgical contraceptive functions/services ENT services Special clinics etc. 	Provide separate ENT & surgical contraceptive unit (S.C.U under construction)
3	OPD (General)	262	280	<ul style="list-style-type: none"> Over-congested Old structure already condemned by MOPW Internal partition is by 6mm hardboard hence no privacy. No casualty department No ventilation and lighting No sanitation 	<ul style="list-style-type: none"> Demolish old structure Provide proper OPD block taking into account issues of number of patients and privacy. Provide a casualty department together with an observation ward.
4	Old Administration Block	175	-	<ul style="list-style-type: none"> Old building structure Space not adequate to cater for all staff members Some departments have no offices Extension to cater for administration staff has been done in small buildings scattered all over - poor communication. 	<ul style="list-style-type: none"> Provide new and central administration block with adequate space to cater for all staff members. Convert this building to other function
5	New Adm Block	177	-	Not adequate in space	- do -
6	Surgical Contraceptive Unit	220	-	<ul style="list-style-type: none"> Not yet complete Lack of funds Located far away from OPD 	<ul style="list-style-type: none"> Provide finance, complete & equip
7	X-ray Unit	156	-	<ul style="list-style-type: none"> Inadequate for entire hospital Different activities located in one room e.g. ultra sound and normal x-ray Poor ventilation No sanitation 	<ul style="list-style-type: none"> Expand/Enlarge Provide mechanical ventilation system.
8	Theatre	197	90 operations per month	<ul style="list-style-type: none"> Inadequate to serve entire hospital Poorly located (on a high way) No privacy, visitors waiting to visit ward crowd at the entrance, even at times blocking movement of patients No recovery and ante. rooms Sterilization and autoclave located in the middle of the room, with no fume extractor Inadequate changing rooms 	<ul style="list-style-type: none"> Provide new and spacious theatres, conveniently located and leave this to handle minor operations Provide proper autoclave building or clearly designated space

No.	Department	Floor Area (m ²)	No of Patients	Key Problems	Intervention
9	Pharmacy	119	-	<ul style="list-style-type: none"> Incomplete Inadequate 	<ul style="list-style-type: none"> Provide funds for completion/extend
10	Physiotherapy	124	-	<ul style="list-style-type: none"> Old building 	<ul style="list-style-type: none"> Provide proper physiotherapy unit
11	Kitchen	217	-	<ul style="list-style-type: none"> Cooking done outside (under temporary shade using firewood) Cookers not working due to lack of gas Cold room not operational 	<ul style="list-style-type: none"> Rehabilitate/provide appropriate cookers that can be used in the building Repair the cold room machine
12	Generator House	17	-	<ul style="list-style-type: none"> Very old 	<ul style="list-style-type: none"> Construct new one
13	Switchboard	23	-	<ul style="list-style-type: none"> Not being used Phones not working Only one line working (i.e. MOH) 	<ul style="list-style-type: none"> Repair telephones and re-activate the facility
14	Laboratory	73	-	<ul style="list-style-type: none"> Laboratory activities housed in two different buildings One of the buildings located far away from the OPD Most of Laboratory services not provided due to lack of space 	<ul style="list-style-type: none"> Provide one central laboratory with sufficient space to cater for all sections (MOPW Std)
15	Dental/Plaster Room	117	-	<ul style="list-style-type: none"> Located very far from OPD unit Inadequate space Old structure Building in very bad state of repair 	<ul style="list-style-type: none"> Separate the functions Provide buildings to house the activities near the OPD
16	Central Stores	289	-	<ul style="list-style-type: none"> Very old building Poor ventilation and lighting Inadequate space 	<ul style="list-style-type: none"> Renovate and expand the building Make good provision of lighting and ventilation in the process of renovation and expansion
17	PMIU/ Maintenance Store	35	-	<ul style="list-style-type: none"> Inadequate storage space 	<ul style="list-style-type: none"> Expand to provide large store to cater for the building materials
18	Mortuary		Meant for 4 No. bodies	<ul style="list-style-type: none"> Overcrowded (Over 30 No bodies piled on top of each other). 2 No cold machines not working 	<ul style="list-style-type: none"> Repair the cold machines Expand the mortuary to cater for the present demand
19	Waiting Sheds (2 No.)	18	-	<ul style="list-style-type: none"> Inadequate space Temporary structures 	<ul style="list-style-type: none"> Provide enough, permanent waiting areas & seating.
20	Gatehouse	7	-	<ul style="list-style-type: none"> Too small Temporary structures 	<ul style="list-style-type: none"> Expand

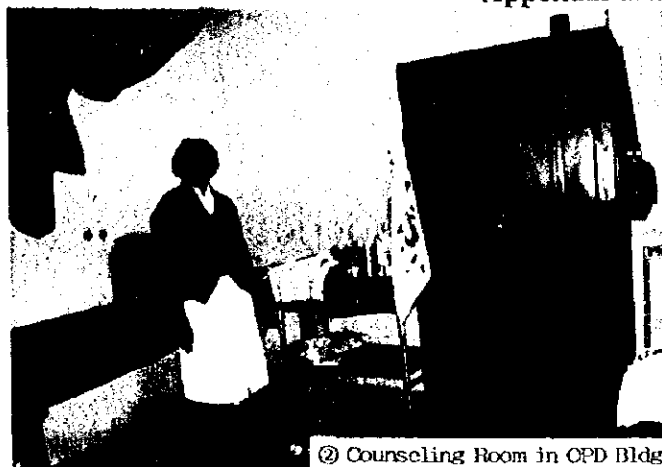
No.	Department	Floor Area (m ²)	No of Beds	No of patients	Key problems	Intervention
21	Gynecology & Obstetrics Ward 1	105	29	50 (bed occup. 172%)	<ul style="list-style-type: none"> • Old building • Over crowded • Old building • No proper ventilation • Waiting verandah converted into nurse station • Sandwiched between one ward the new incomplete building leading to poor ventilation • Poor sanitation 	<ul style="list-style-type: none"> • Expand the ward by at least 20 beds space. • Open the blocked windows in order to improve lighting and ventilation • Demolish & provide new ward to cater for present demand.
22	Female Surgical Ward 2	241	34	(50 Bed Occup.. 147%)	<ul style="list-style-type: none"> • Overcrowded • Not Clear Separation Between Children And Adults • No Nursing/Treatment Room Hence No Privacy 	<ul style="list-style-type: none"> • Expand The Ward by at least 20 Beds Space (MOPW Standards) • Separate The Adult From The Children • Provide Both Nurse Station And Treatment Room
23	Male Surgical Ward 3	220.32	29	50 (Bed Occup. 172%)	<ul style="list-style-type: none"> • No Nursing/Treatment Rooms Hence Poor Privacy • Overcrowded 	<ul style="list-style-type: none"> • Expand By At Least 20 Beds Space (Mopw Standards) • Provide Both Nurse Station And Treatment Room.
24	Male Medical Ward 5	154.80	26	65 (Bed Occup. 250%)	<ul style="list-style-type: none"> • Overcrowded • Old Building • No Nurse Station/Treatment Room Hence No Privacy • No Proper Toilets • Poor • Sanitation 	<ul style="list-style-type: none"> • Expand By At Least 30 Beds Space (Mopw Standards). • Provide Nurse Station And Treatment Room • Provide Toilets Nearby.
25	Female Medical Ward 6	137	25	65 (Bed Occup. 260%)	<ul style="list-style-type: none"> • Overcrowded • Old Structure • No Proper Toilets • No Nurse Station/Treatment Room 	-Do-
26	Pediatric Ward 7	117	12 Beds, 4 Coats	50 (Bed Occup. 312%)	<ul style="list-style-type: none"> • Overcrowded Esp. During Peak Periods (Malaria Season) • Not Enough Beds & Cots • No Proper Toilets • No Nurse Station/Treatment Room Hence Poor Privacy 	-Do-
27	Ward 8 Amenity Wing/Pediatric Unit	59	16	16 (Bed occup. 100%)	<ul style="list-style-type: none"> • Limited No. of patients due to space unavailability • Ward 8 designed for isolation patients but converted to other use. • Overcrowded especially during peak periods • Most of window glasses broken the rooms get very cold at night. The control of movement of insects into the ward at night is not possible 	<ul style="list-style-type: none"> • Devote ward 8 to isolation unit and provide new facilities for both amenity & pediatric unit. • Replace the broken window glasses urgently, otherwise the patients here would easily conduct other diseases like pneumonia or malaria.



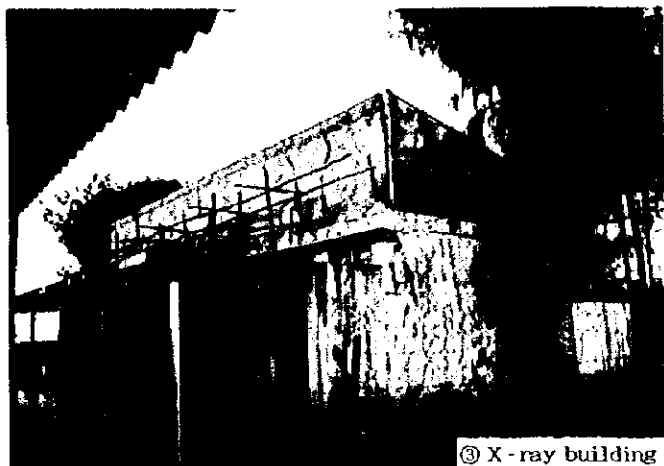




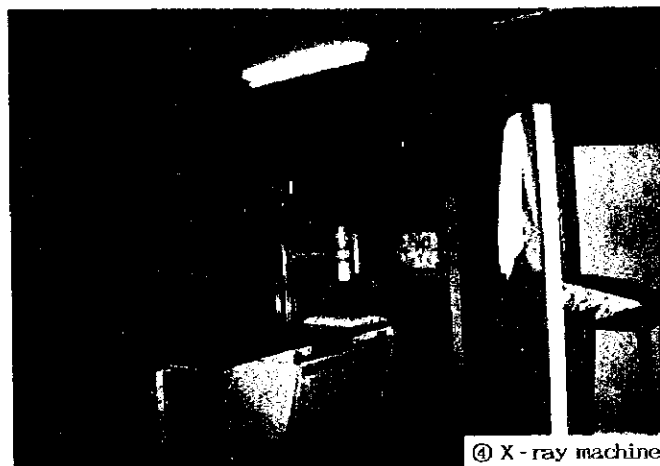
① Watering Space in OPD Bldg



② Counseling Room in OPD Bldg



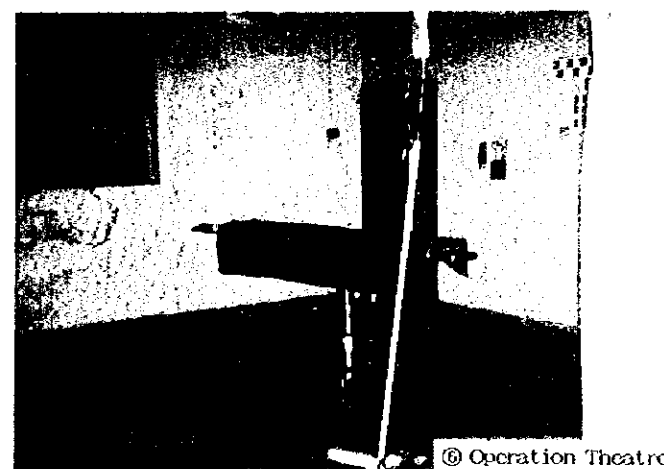
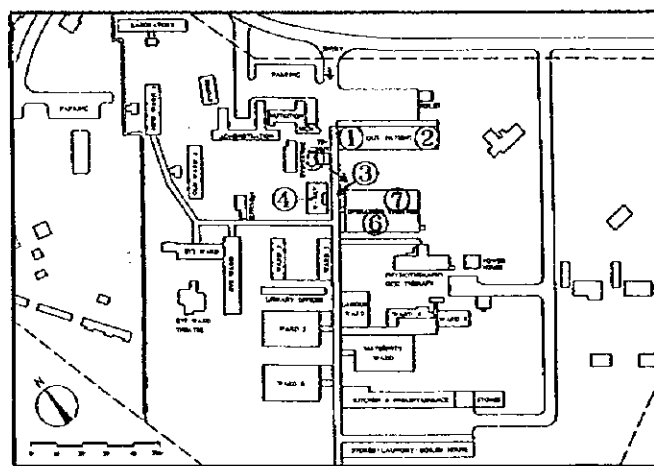
③ X-ray building



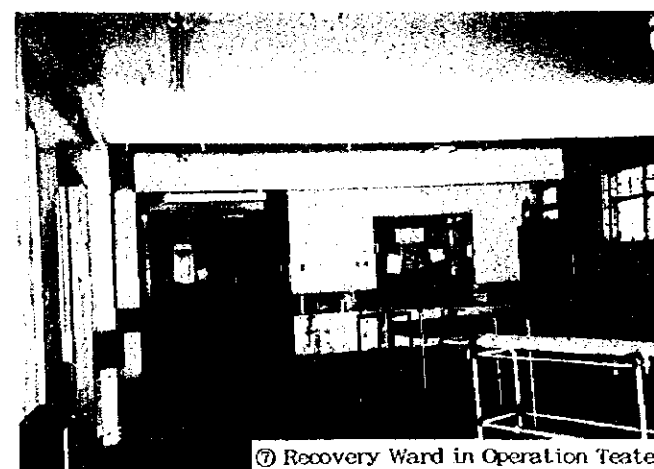
④ X-ray machine



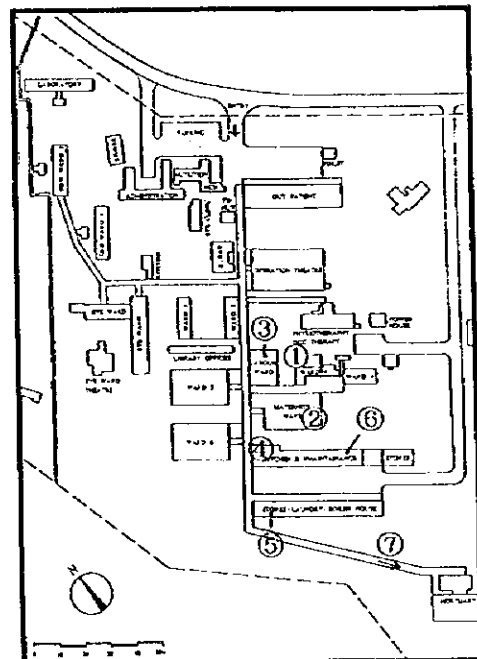
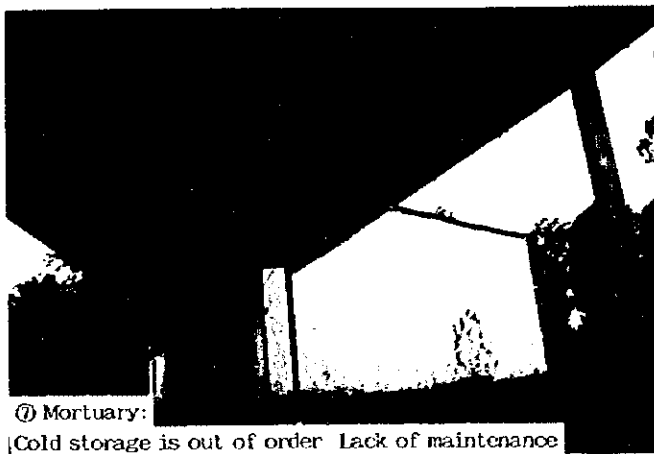
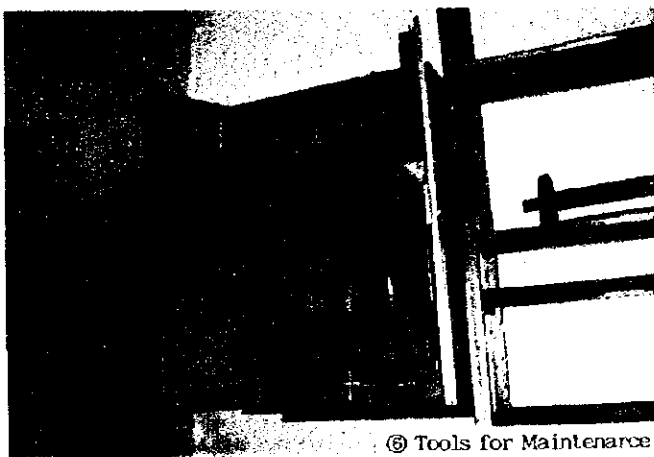
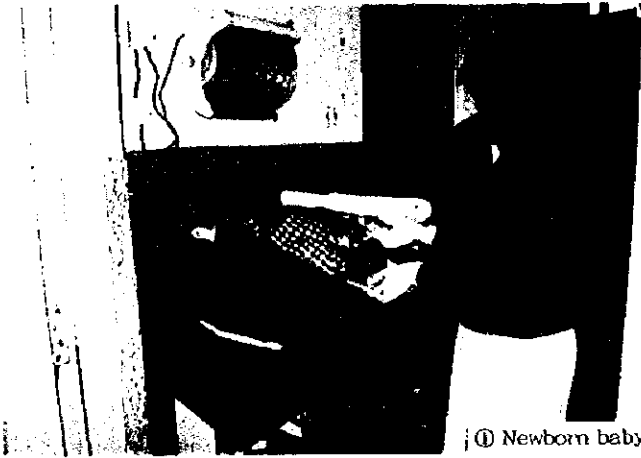
⑤ Operation Theatre Bldg

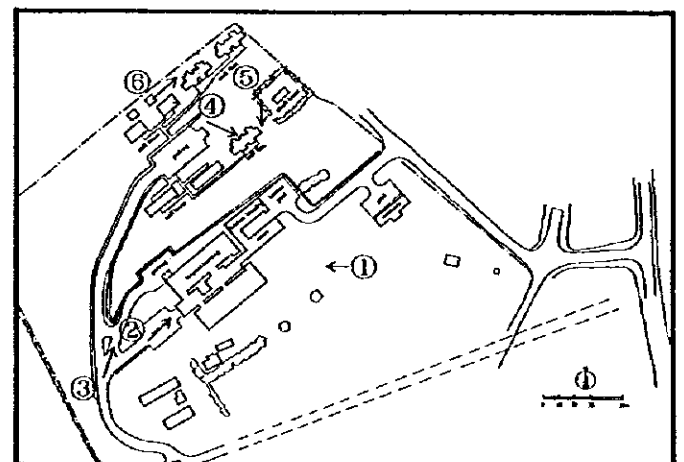
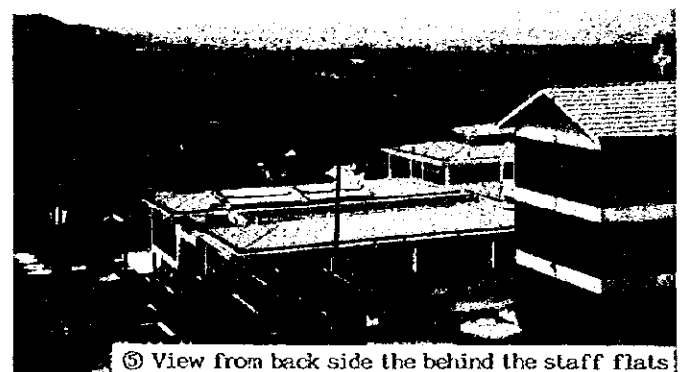
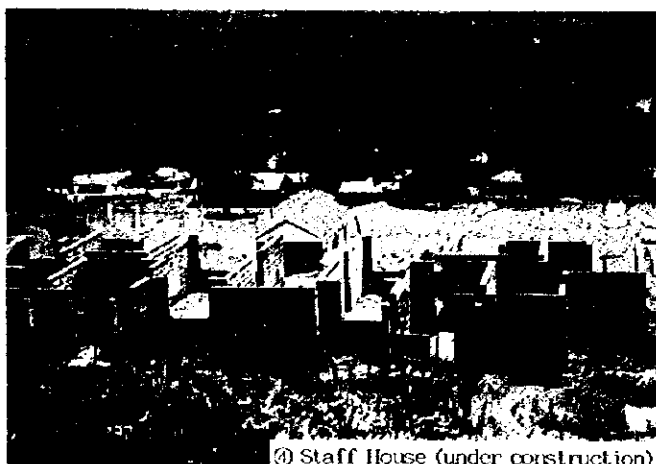
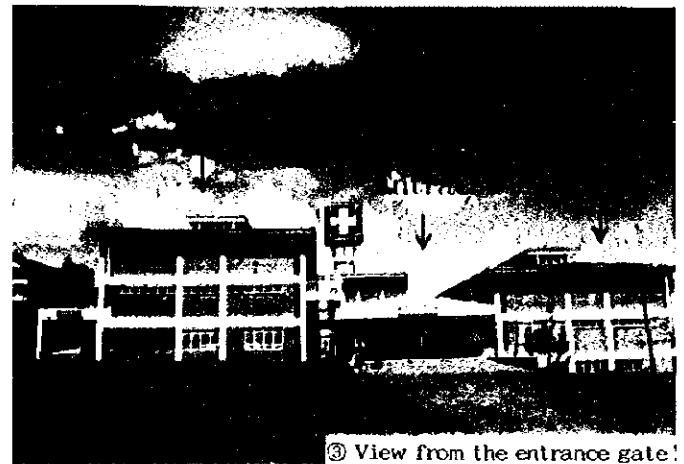
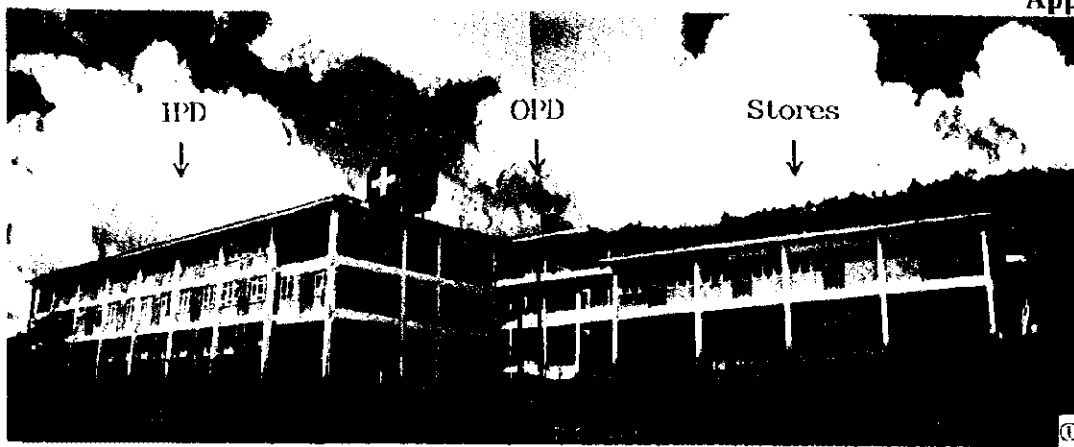


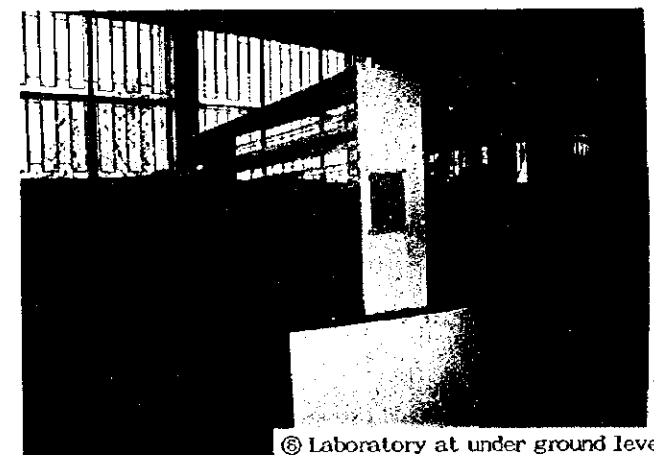
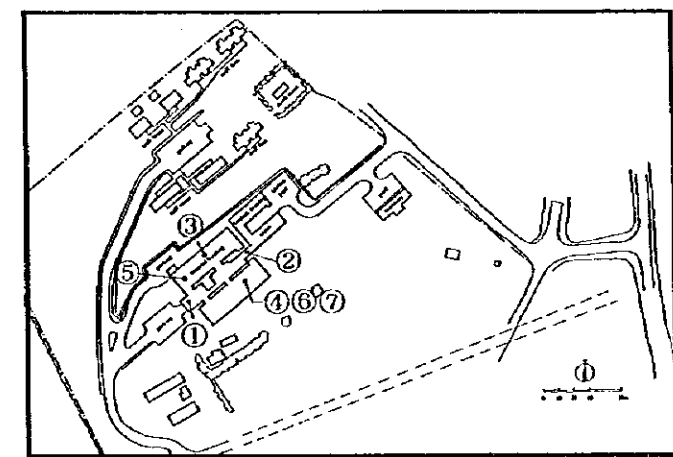
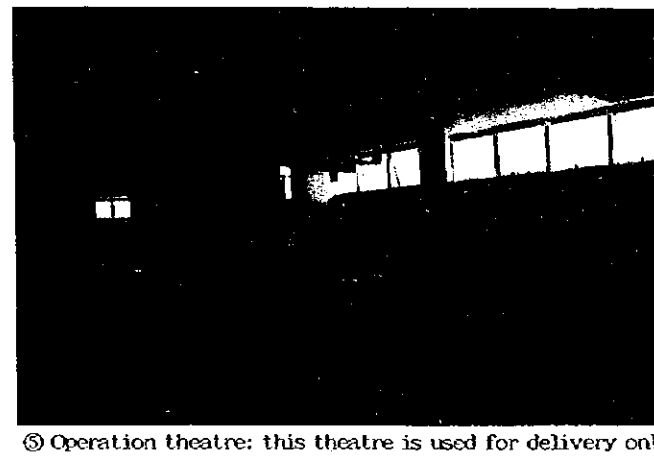
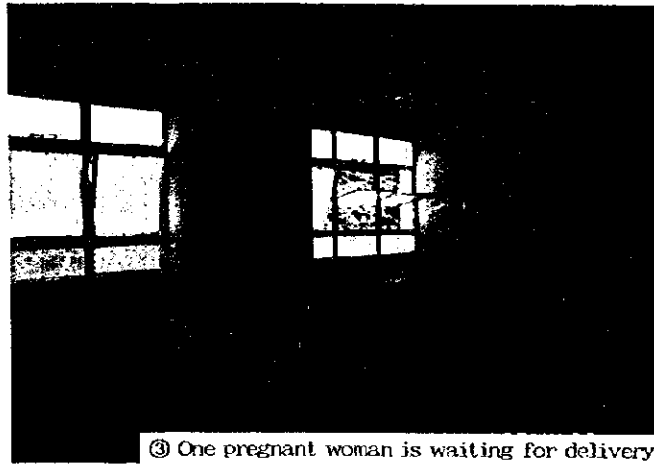
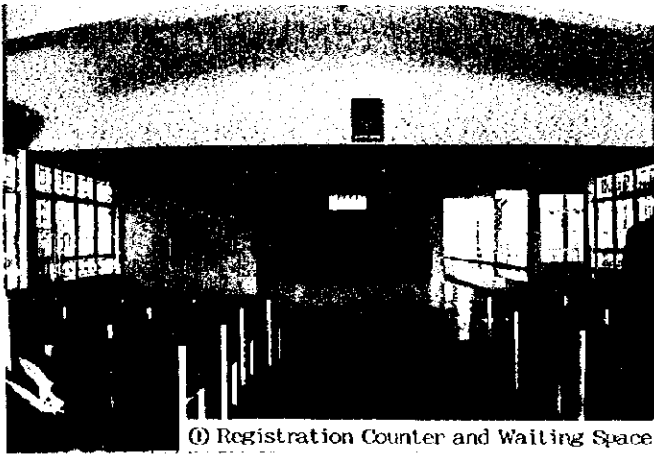
⑥ Operation Theatre



⑦ Recovery Ward in Operation Teater









View from the approach road from entrance



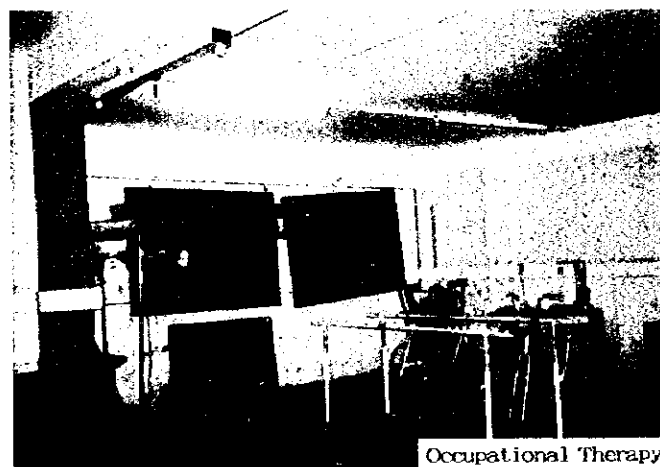
Pharmacy



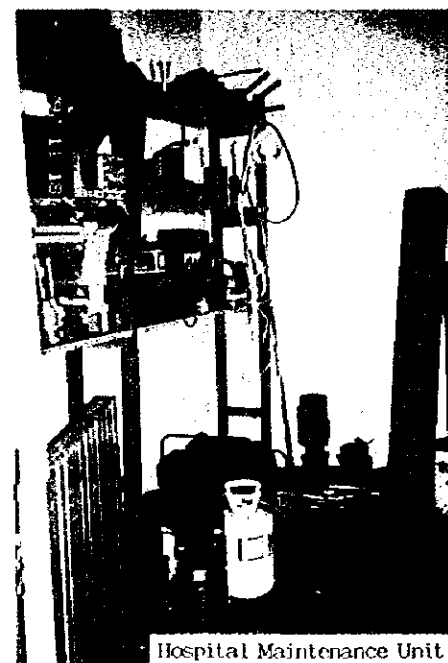
Casualty



Female Ward



Occupational Therapy



Hospital Maintenance Unit



X-ray machine



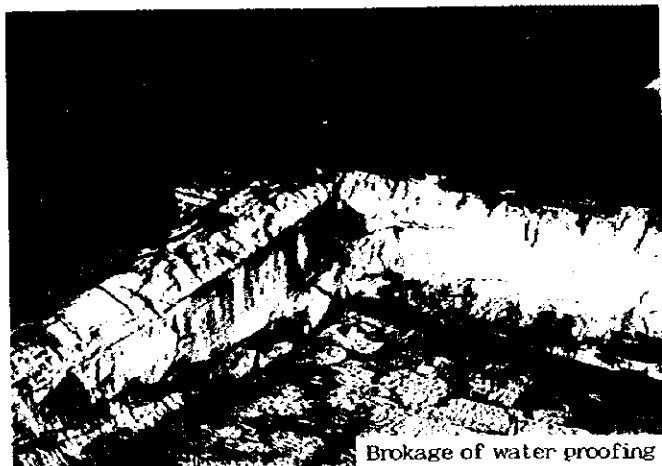
Corridor in the 2nd Floor



Cracked water proofing



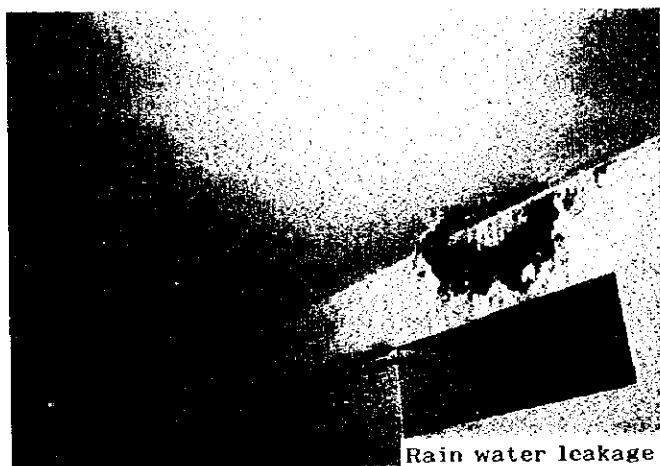
Cracked warter proofing



Brokage of water proofing



Roof drain cover



Rain water leakage

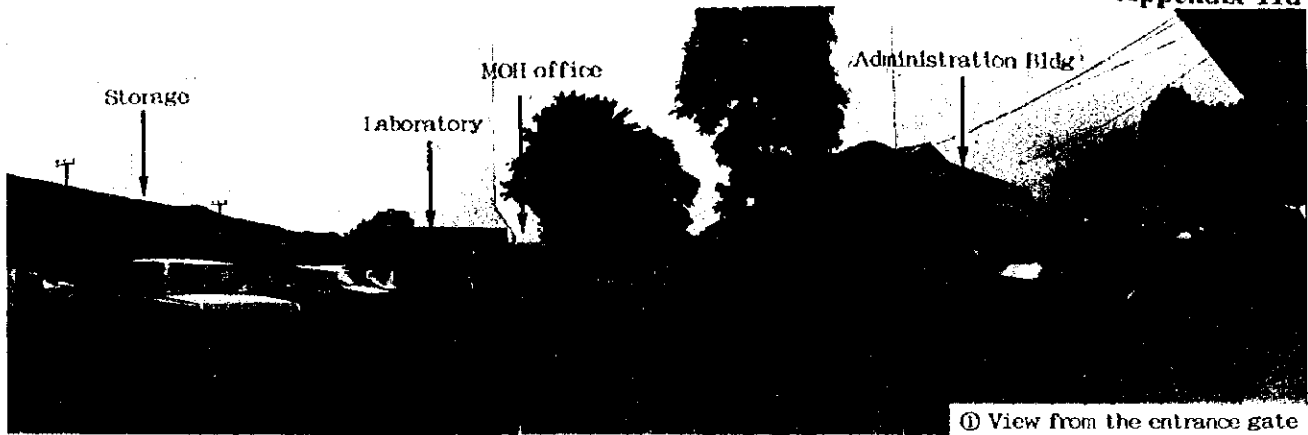


Broken windows



water leakage of sink in the male ward

• Damages



① View from the entrance gate



② New Bldg. (under construction)



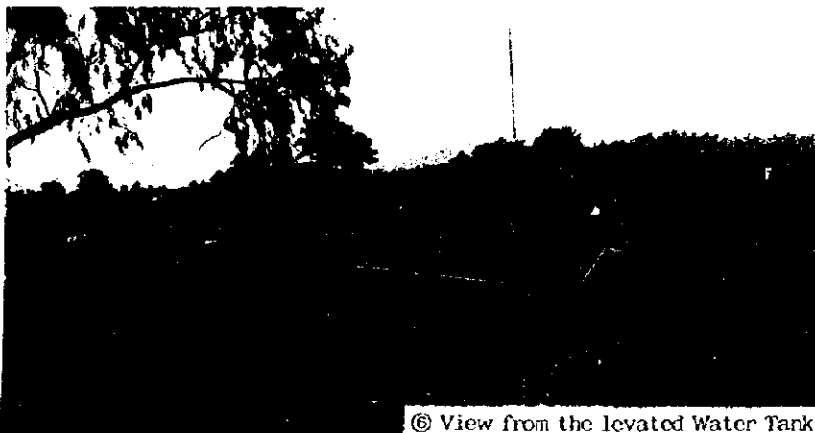
③ OPD Building



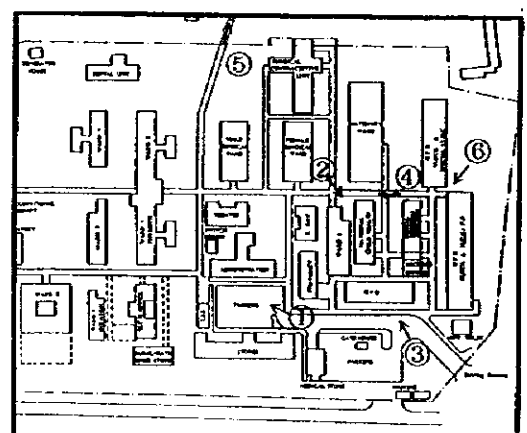
④ Covered Walkway

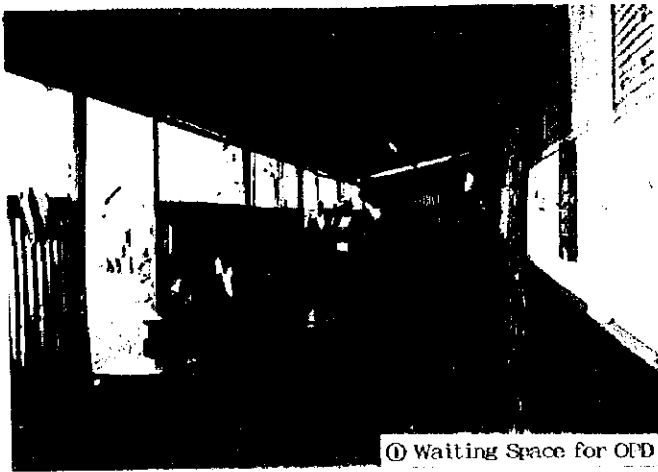


⑤ Mortuary

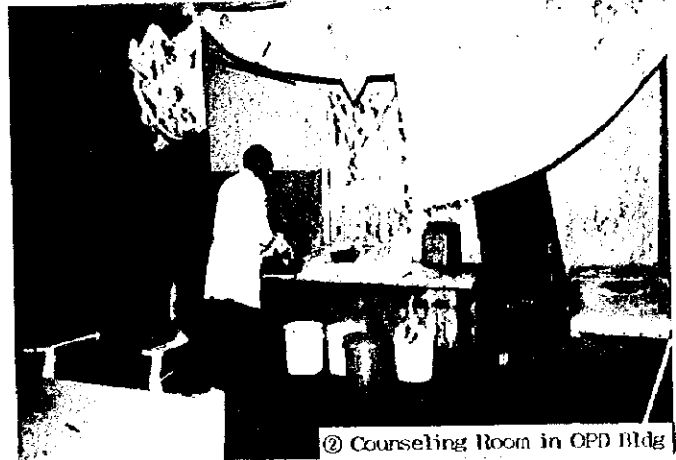


⑥ View from the elevated Water Tank





① Waiting Space for OPD



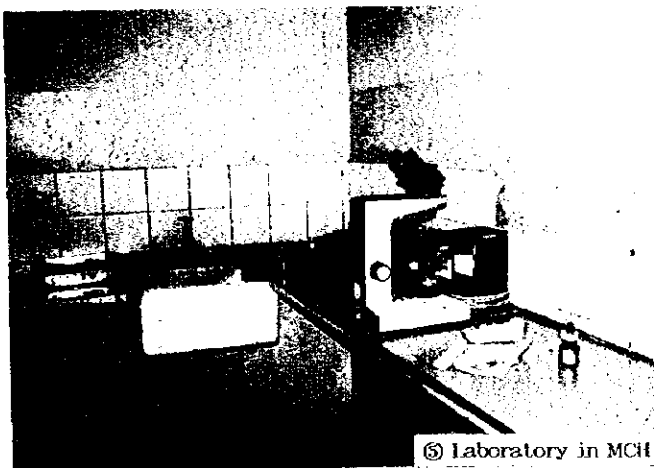
② Counseling Room in OPD Bldg



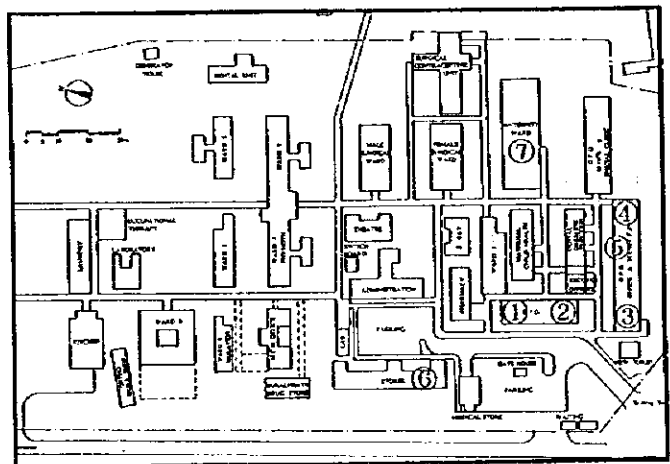
③ Waiting Space in MCH Bldg



④ Pharmacy in MCH



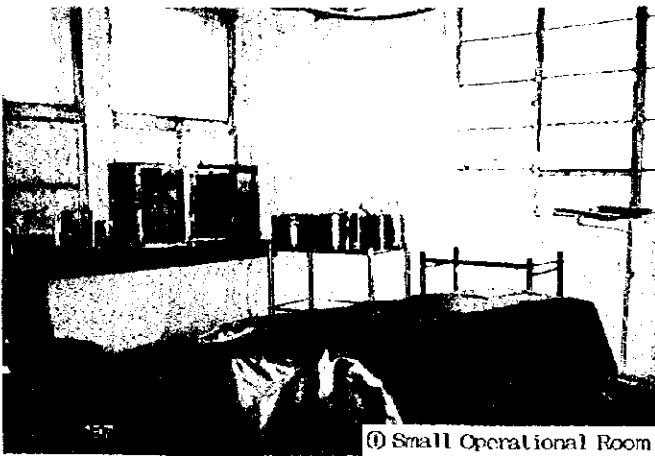
⑤ Laboratory in MCH



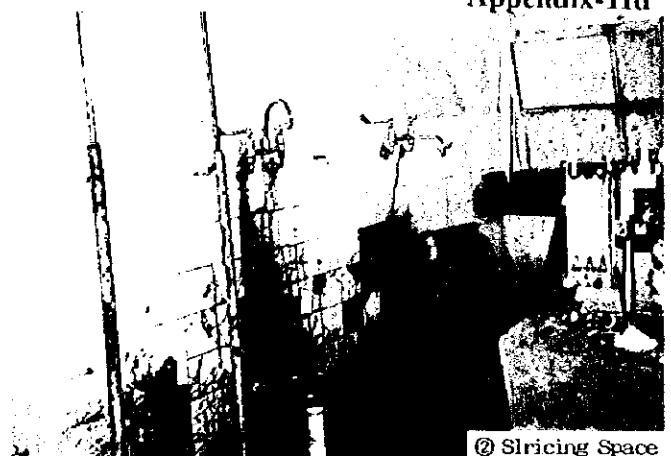
⑥ Record Office



⑦ Delivery Ward



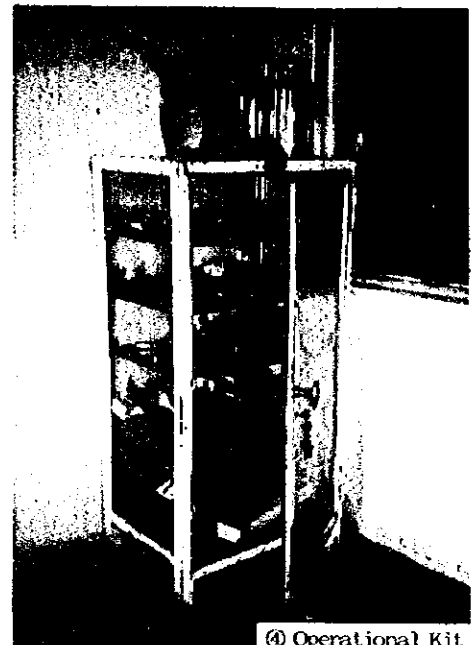
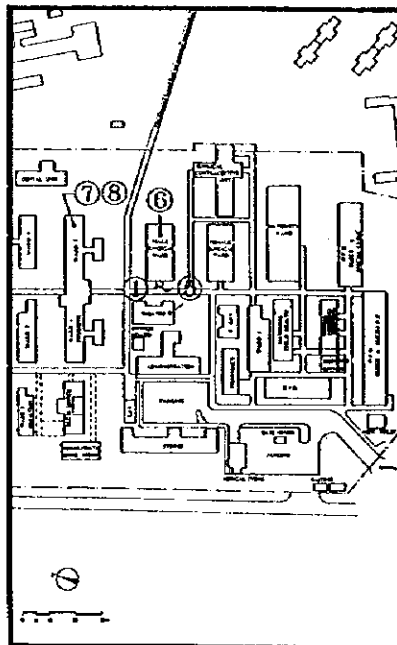
① Small Operational Room



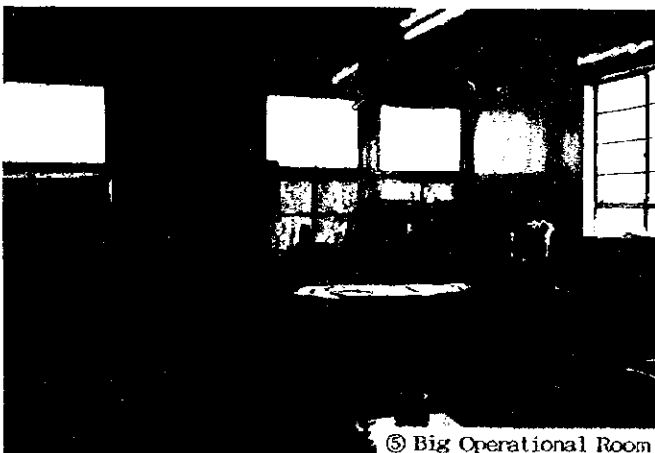
② Stricing Space



③ Preparation Room



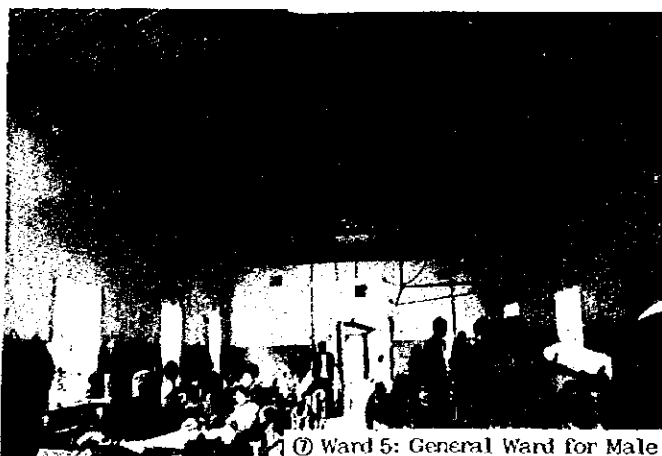
④ Operational Kit



⑤ Big Operational Room



⑥ Ward 3: Male Surgical Ward



⑦ Ward 5: General Ward for Male



⑧ Ward 6: Patients lied on the floor



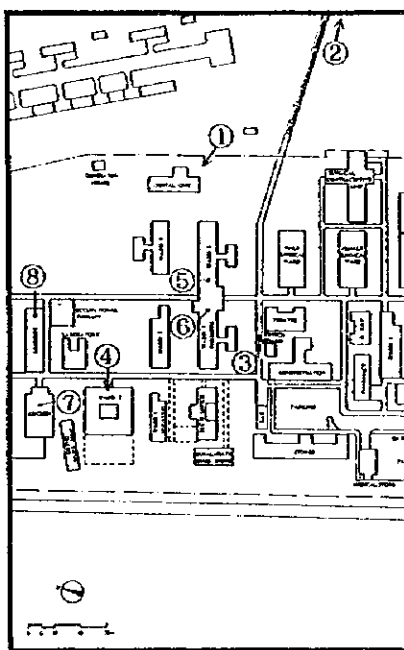
① Dental Service Building (It Used to be a Operation Theatre)



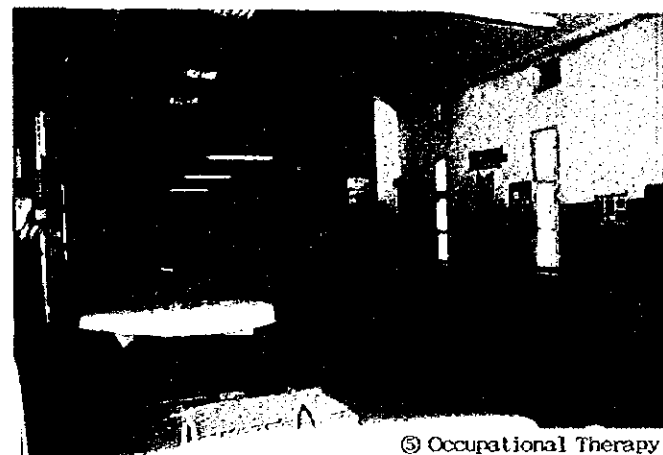
② Disposals



③ Walk Way



④ Kiosk in Ward 8



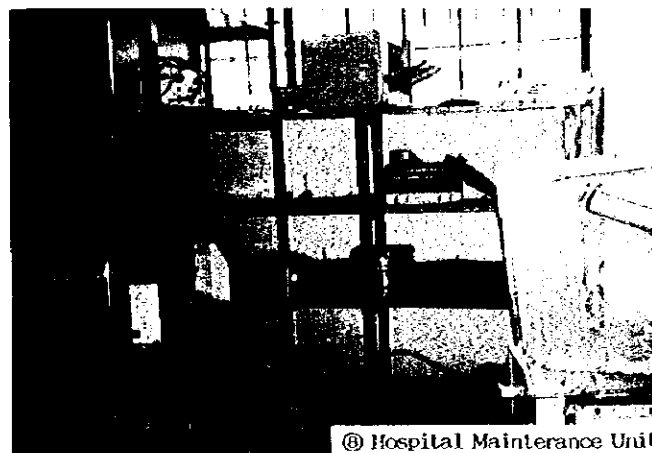
⑤ Occupational Therapy



⑥ ORTHO Work Shop



⑦ Kitchen



⑧ Hospital Maintenance Unit

USER FEES AT MINISTRY OF HEALTH INSTITUTIONS

MOH, October 1994

Notes:

- 1) Non-Kenyans pay double the stated fee for all services.
- 2) NS = No service of this type provided by this level of facility
- 3) A separate fee schedule exists for Kenyatta National Hospital

SERVICE	CONDITIONS	PROVINCIAL GENERAL HOSPITAL	DISTRICT AND SUB-DISTRICT HOSPITAL	HEALTH CENTRES
GENERAL WARD	PER DAY - MAX 14 DAYS	40/-	30/-	10/-
MATERNITY WARD	PER DAY AFTER DELIVERY- MAX 14 days	40/-	30/-	10/-
PEDIATRIC WARD	PER DAY - MAX 14 days	20/-	10/-	none
AMENITY WAR- SINGLE ROOM	PER DAY - NO MAXIMUM NUMBER OF DAYS (Listed fees are guidelines only)	400/-	400/-	NS
AMENITY WARD- DOUBLE ROOM	PER DAY - NO MAXIMUM NUMBER OF DAYS (Listed fees are guidelines only)	300/-	300/-	NS
OUTPATIENT TREATMENT	PER TREATMENT (for each drug, injection, dressing etc)	30/-	20/-	10
THEATRE	MAJOR SURGERY (General anesthesia)	150/-	100/-	NS
	MINOR SURGERY (Local anesthesia -includes male circumcision)	80/-	50/-	50/-
DELIVERY FEE	PER DELIVERY (PLUS daily Maternity Ward fee as above; Caesarian sections charged as major surgery)	100/-	80/-	40/-
LABORATORY	PER EXAMINATION (see separate fee list)			
	A. Simple Tests	20/-	20/-	20/-
	B. Intermediate Tests	40/-	40/-	40/-
	C. Specialized Tests	60/-	60/-	60/-
X-RAY	PER EXAMINATION	See attached	Fee schedule	NS
PHYSIOTHERAPY, OCCUPATIONAL THERAPY (Ministry Patients)	PER DAY - MAX CHARGE KSHS. 200 PER MONTH	20/-	20/-	NS
PHYSIOTHERAPY, OCCUPATIONAL THERAPY (Private Patients)	PER DAY - NO MAXIMUM	150/-	100/-	NC
DENTAL	Separate fee Schedule		50/-	NS
WORKMAN'S COMPENSATION	Separate fee Schedule		NS	NS
MEDICAL EXAMINAT	PER EXAMINATION	100/-	100/-	100/-
MEDICAL CERTIFICA	PER CERTIFICATE	100/-	100/-	100/-
CIRCUMCISION	PER OPERATION	80/-	50/-	50/-
MORTUARY	PER DAY	100/-	100/-	NS

EXEMPTION CRITERIA FOR MINISTRY OF HEALTH

October 1994

1. Exempt Patients

The following groups of patients are exempted from paying Facility Improvement Fund fees of all types:

- Children under 5 years of age
- Medical Training College Students
- Inpatients readmitted for the same episode of illness within 14 days of discharge;
- Patients from charitable and destitute homes and from homes for the mentally handicapped.
- Prisoners and all other persons in police custody
- unemployed persons who present written certification by their District Officer (valid for six months, after which certificate must be renewed).

2. Exempt Outpatient Services

Outpatients seen at an of the following outpatient clinics are exempt from outpatient treatment, laboratory and x-ray fees:

- family planning
- antenatal and postnatal clinic
- child welfare clinic - also exempt by virtue of age
- STD clinic

3. Exempt Illnesses

Patients with any of the following illnesses are exempt from any Facility Improvement Fund fee related to treatment and follow-up of their primary illness. This exemption includes outpatient services, inpatient services, and necessary investigations for the following illnesses:

- antenatal complications of pregnancy
- tuberculosis and leprosy
- AIDS

4. Exempt Inpatient Services

- After 14 days inpatients are exempt from daily inpatient charges, but not from x-ray or laboratory fees. There is no limit on the number of chargeable inpatient days at KNH.

- “Downward” referrals of inpatients from KNH, provincial hospitals, and district hospitals for recuperation (with supporting documentation from the referring facility)
- For “upward” referrals of inpatients to provincial, district and sub-district hospitals (but not KNH), the maximum number of inpatient days charged includes the inpatient days at referring hospital and at the receiving hospital).

Note: Criteria are from October 1994.

Evaluation of Priority Health Centres -1

Name of HC	Service	No. of Staff	Accessibility	Site area	Facility	Infrastructure	Request / Future plan	Equipment	Remarks / Interventions
Fort Ternan HC	OPD: 50p/d -No Maternity and IPD service -No Labo service	- CO 1 - ECN 2 - PHT 1 - Comm Volint 2 - S.S. 1	Secondary Road - 60 Km from Kericho.	0.862ha -Enough Space	- Only one main building. - One old original DSP bldg. used for DC office will be used for Maternity Service. - No Maternity and Delivery Rm. - Ward: Nil	Water: -Rain/w: Tank is broken. -W Supply: River water, no treatment. - Tank: - Elec: X (10 km) Tel: X (DC) Sewage system: X	- Community has a plan to build a Maternity ward(start from 12 beds and increase to 40 beds) - Original DSP Bldg. occupied by DC will be used for Delivery Rm. and Maternity ward from this August.		-The facility is relatively in order.
Kipkelion HC	OPD: 20p/d No IPD service No Maternity service (only in emergency) No Pharmacy	- CO 0 - KRN 1 - ECN 4 - Labo tech 0 - PHO 1 - PHT 1 - FHE 1 - S.S. 1 - Watchman 1	Secondary Road - 5km from a tarmac rd.	-4.8ha -Enough Space	- Only one main building with 4 Rms - Staff house for 3 families - Ward: Nil	Water: -Rain/w: 1 tank -W Supply: n -Well: Water level is high (Rain water only) Elec: X (surrounding area X) Tel: 1line(disconnected / non-payment) Sewage system: X	- Community has a plan to construct a Maternity ward by Harambee from this Nov.		- Digging a hole. - Floor is not horizontal.
Sosiot HC	OPD: 25p/d (30-80p/d)	- CO 1 - KRN 1 - ECN 4 - Labo tech 1 - PHO 1 - PHT 1 - FE 1 - Midwife 1 - Nutritionist 1 - Statistic C 3	Primary Road (P) - 5 km from Sigover HC		- 2 Bldgs..OPD and MCH - OPD Bldg. has been expanded by themselves. - Ward(Maternity, only 1 bed in MCH Bldg.) 5beds	Water: -Rain/w: Gutter and pipes are broken. -W Supply: low pressure Elec: O Tel: O Sewage system: Septic tank is only for the MCH, but not used.	There is only a few equipment.		

Kericho

A-14-1

Name of HC	Service	No. of Staff	Accessibility	Space for exp.	Facility	Infrastructure	Request / Future plan	Interventions for equipment	Remarks / Interventions
Kapkoros HC	OPD : 50 p/d (MCH 15p/d) Lack of drugs	- CO 1 - KRN 1 - ECN 3 - Labo tech 2 - S.S. 2 - PHT 1 - Watchman 1	Primary Road (P) - Silibwet-Litein Rd.	8.5acre	- 1 Main Bldg. - 5 Staff houses - Ward(Maternity) has 6 beds	Water : - Rain/w: 1 tank - W Supply: From spring but pump problem. (Spring water, but pump has been broken) Elec: X (200m but difficult) Telephone: X Sewage system: Δ		There are mats and blankets on beds and instruments are covered with clothes.	- The building are well maintained and in order very much. - Training for student from Tenwek H.
Ndanai HC	OPD : 30-40p/d Chloroquin for Prophylaxis	- KRCHN 1 - KRN 1 - ECN 3 - Labo tech 2 - PHO 1 - PHT 2 - Rev.Clerk 1 - Statist.C 1 - Driver 1 - S.S. 3 - Watchman 1	Primary Road - 21 Km from Kisii - Kericho Rd.	8.3 acre	- 1 Main Bldg. - 5 Staff Houses - Ward(Maternity and General) 10beds	Water: - Rain/w: 1 tank - Water supply: Old system is not working. New system is coming to the HC. Elec: X (7km) Tel: Connected but non-operational (Non-payment) Sewage system: O		There is only a few equipment.	- The wall was repainted 3 months ago.
Sigor HC	OPD : 42 p/d (MCH 15p/d)	- CO 1 - KRN 2 - ECN 5 - Labo tech 2 - S.S. 2 - PHT 2 - FE 2 - Health Record 1 - Drivers 2 - Watchman 1 - RC 1	Primary Road (M) - 15 km from the tarmac road - 20 km from Tenwek H - Over looking a plain terrain	12acre Enough Space Hilly	- 5 fine Bldgs.(36 beds) - staff houses - Ward(Maternity, Female, Male, Pediatric and observation) has 36 beds, but only half of IPD Bldg. is used.	Water: - Rain/w: Each bldg. has tank. But cleaning is problem. - W Supply: coming from the river(No treatment) Elec: Δ (Generator for emergency, no fuel) Telephone: X Sewage system: Δ	- Piping system in Maternity Ward should be renovated. - Future plan: 1.Expanding the bed capacity 2.Provide diagnostic equipment 3.Theater for major ope. 4.Dental Equipment 5.Expanding staff house	car by a national road, so many patients wounded by traffic accidents are carried to the facility.	- IP service started last February. - Those buildings are not utilized so much.

Bomet

Name of HC	Service area	No. of Staff	Accessibility	Space for exp.	Facility	Infrastructure	Request / Future plan	Interventions for equipment	Remarks / Interventions
Ekerenyo HC	OPD : 30p/d No IPD service Maternity service only in emergency	- CO 1 - ECN 4 - Labo tech 1 - PHO 1 - PHT 1 - Statistic C 1	Primary Road - 20 Km from Nyamira Town - 1 Km from a tarmac road	Enough Space	- Main building and Kitchen Bldg. (Maternity ward and Kitchen building were by community, but not used) - Ward (Maternity) 6 beds	Water : - Rain/w: Tank is broken. - W Supply: From spring by community (low pressure) - Well: there some well in the town. Elec: O Tel: 1 line but disconnected (Non-payment) Sewage system: X		Condition of a microscope is not good for malaria screening.	- Delivery room, Maternity ward and Kitchen have not been used because of lack of water.
Keroka HC	OPD : 60-70p/d No Labo service	- CO 1 - ECN 3 - Labo tech 2 - PHO 1 - PHT 1 - FE 1 - Nutritionist 1 - Midwife 4 - Statistic C 2	National Trunk Road (M) - Along the terrain road - 25 km from Kisii DH - Over 40 km from Nyamira - Hilly Terrain	Enough Space	- 1 Main Bldg. and New Pediatric ward Bldg. - Kitchen has been left uncompleted by the community. - Ten staff houses - Ward (Maternity and Pediatric) 10 beds - 1 Ambulance	Water : - Rain/w: for cleaning - W Supply: received but sometime stopped. (Keroka Water Supplier and Rain water) Tel: 1 line but disconnected. Elec: O (Generator/ no fuel) Sewage system: X Tel: disconnected (Non-payment)	- Kitchen Bldg. has been left uncompleted.		
Manga HC	OPD : 25 p/d No Labo service Delivery : only in emergency	- KRN 1 - ECN 3 - Labo tech 2 - PHO 1 - PHT 4 - FE 2 - Nutritionist 1 - Statistical C 2	Secondary rd. 46 Km from Kisii Town	Enough Space	- 1 Old Bldg +3 Bldgs.: OPD and IPD are used. Kitchen Bldgs. - Kitchen Bldg. has not been used.	Water : - Rain/w: collected - W Supply: It used to be supplied, but stop. - Well: There is a well in the town. - Elec: X (Generator/ no fuel) Sewage system: X	- Kitchen & Laundry Bldg. has not been transferred to HC. - Quantity of Linen is not enough.	A microscope was stolen.	

Nyamira

Name of HC	Service area	No. of Staff	Accessibility	Space for exp.	Facility	Infrastructure	Request / Future plan	Interventions for equipment	Remarks / Interventions
Kisii	Keumbu HC	<ul style="list-style-type: none"> - CO 1 - NO 1 - ECN 9 - Labo tech 1 - Nutritionist 1 - PHO 1 - PHT 5 - Midwife 10 - Clerk 1 	<ul style="list-style-type: none"> - National Trunk Road (M) - 14 km from Kisii DH - Along the tarmac road 	-Not enough	<ul style="list-style-type: none"> - 3 bldgs.: OPD/MCH, Mat-W, Kitchen/Laundry Staff flats. - There is a enough space. - Ward (Maternity, Female, Male, Pediatric) 30beds - Vehicle: no use(no fuel) 	Water: ○ (From Churichiro River, Elevated Tank) Rain/w: - Water supply: - Well: - Elec: ○ Tel: disconnected (nonpayment) Sewage system: Septic Tank	<ul style="list-style-type: none"> - Water leakage. - No kitchen. Meals are bought from a nearby Hotel. The original DSP Bldg. will be changed to a Kitchen. - The community of this HC wants to elevate this HC to Sub DH. 		<ul style="list-style-type: none"> - Renovation project by AfDB has been stopped since early this year. - Labor ward has been left uncompleted.
	Masimba HC	<ul style="list-style-type: none"> - CO 1 - ECN 8 - Labo tech 1 - PHO 1 - FHE 1 - Nutritionist 1 - Clerk 2 	<ul style="list-style-type: none"> - Primary Road - 20 km from a tarmac road - 35 km from Kisii DH - Hilly Terrain 	-not enough	<ul style="list-style-type: none"> - 4 Bldg.: OPD, IPD, MCH, Kitchen, Laundry + Staff House - Ward(Maternity, Female, Male) has 16 beds, but it is under utilized. 	Water: - Rain/w: No Water supply: Pump and treatment machine problem Elec: X (Elec. Line comes nearby.) (Generator :out of order) Tel: -	<ul style="list-style-type: none"> - Renovation of water pump and treatment system. - Community has a future plan to built a new ward. 		<ul style="list-style-type: none"> - The lack of water and electricity prevent this HC full-functioning. - They have not supplied meals from Jan., '98 - There are 5-6DSPs around this HC.
	Marani HC	<ul style="list-style-type: none"> - CO1 - KRN 9 - ECN 4 - Labo tech 1 - PHO 1 - PHT 1 - FE 1 - Nutritionist 1 - Midwife 1 - Adm. 2 - Statistic C.3 	<ul style="list-style-type: none"> - Secondary Road - Marani-Nyakoe Rd , 8.6km from the tarmac road - 30km from Kisii DH 	3.2acre	<ul style="list-style-type: none"> - 3 old Bldg. - OPD, IPD (10beds), MCH - Ward(Ante-N, Post-N, Femal) 10beds 	Water: - Water supply Δ (pump to supply water was stolen) Elec: ○ Tel: - Sewage system : Septic Tank		A vehicle is out of order.	

Name of HC	Service area	No. of Staff	Accessibility	Space for exp.	Facility	Infrastructure	Request / Future plan	Interventions for equipment	Remarks / Interventions
Kenyanya HC	OPD : 40p/d No IPD service No Maternity service No Pharmacy No Labo. service	11 staffs - ECN 5 - S.S. 4 - PHT 1 - FHE 1	Secondary Road - 6 km from a tarmac road - Near the market	enough space	- Only 2 Bldgs : OPD and MCH - Only 1 staff house - PMIU renovated this HC (February, '98) - Ward (Ante-n and Post-n): 5beds	Water : - Rain/w: new tank - Water supply: It comes to the market. But piping problem. - Well: 1 in the town. Elec: Nil (7km away, Community organizing a committee for Elec) Tel: Nil Sewage system : ST	Request - Male ward - Staff houses - Kitchen Community has a plan to change the gate position.	There is only a few equipment.	- This HC was up-graded to HC recently. - The number of patients has been increased. - Some patients are referred from Magenche DSP - Patients are referred to Sengeru H (2km).
Nduru HC	OPD : 50p/d IP: 90p/m No pharm. Rural Health Training Center	- CO 1 - KRN 1 - ECN 5 - Labo tech 2 - PHO 1 - PHT 3 - FE 1 - Nutritionist 1 - Midwife 1 - Adm. staff - Statistic C 1	Secondary Road (M) - 15 km from a tarmac road - 35 km from Kisii DH - Relatively flat	5.0 acre	- 3 buildings OPD, IPD (20 beds), Adm. And MCH - Ward (Maternity, Female, Male, Pediatric) 20 beds - There is a dormitory for trainees	Water : Spring and well - Rain/w: Not collecting because of broken Gutter and Tank - Water supply: Not working generator and pump are broken. - Well: Water table is very high. Elec: X (5km, Generator but no fuel and wiring problem). Tel: 1 line/ disconnected Sewage system : ST			
Nyamache HC	OPD: 100p/d 14 div/m	28 staffs - CO 1 - ECN 8 - Occ.thrpt 1 - Labo tech. 1 - FE 1 - PHO 1 - PHT 4 - Driver 1 - SS 10	Secondary Road - 7 km from a tarmac road - 20 km from Ogembo HC - 40 km from Kisii DH - Hilly Terrain	enough space	- 1 Main Bldg. of OPD/ MCH and small Kitchen - Ward is only for maternity service. - Kitchen has not been used yet because of lack of kitchen equipment. - There is a foundation for a new building. - Well maintained. - Ward (Maternity)	Water: - Rain/w: Gutter problem. - For cleaning and staff - Water supply: OK Elec: O. Tel: O Sewage system X	- New bldg. for OPD is under construction. There is a foundation. (Existing OPD building will be used for IPD) - Community has a future plan to built a mortuary and an additional ward.		- They looks full-functioning. - Some patients are referred from Kionyo DSP. - Nyacheke DSP. - There are some inaccessible areas around this HC.
Ogembo HC	200p/d 60div/m BOR: 175% (Feb-May, 98) Lack of reagents.	- MD 1 - CO 3 - Nurse 4 - Midwife 3 - ECN 8 - Nutritionist 2 - Labo tech. 2 - FE 2 - PHO 2 - PHT 2 - Statistical C 3 - others	Primary Road (P) - 1 Km from Kisii-Kilgoris Rd.	Not enough. But the site area was extended.	- 5 Main Bldg. - No of beds is insufficient. - Ward (Maternity, Female, Male, Pediatric) 18beds	Water: - Rain/w: collected - Water supply: Water from the river. Piped water will be connected. Elec: O. (Generator) Sewage system: X	Request to MOH - Medical wards with 30 beds - Pediatric ward for 60 children. - Kitchen and Laundry - Mortuary (18 bd) - Ope.theater, X-ray - OPD , - Water tank - Work shop - Staff houses		- The number of patients have been increased since it became DH. - Drug kit for SDH will be supplied to this DH from next month.

Gucha

EVALUATION OF PRIORITY HEALTH CENTRES-2

District	Name of HC	Cost Sharing Situation at Priority Health Centres			Health Centre Committees' Movement			Remarks
		Reporting Rate of Health Information*	Fee Schedule of Cost Sharing (FIF)	Collection % of Cost Sharing by Staff Interview	Use of 75 % Cost Sharing at H/C by Interview	Members of H/C Committee	Resource Mobilization Activities at Health Facility / Committee	Use of "Community Fund" or Other Resources at Health Facility
Kericho	Fort Ternan HC	7/12 (58%)	- Drugs: 10 kshs/dose	65%	N/A	9 members (C.O & PHO from H/C)	- 10 kshs per visit for "community fund"? - 5 Kshs for syringe and needs in case of injection. - Employ one more subordinate staff (plan) by "community fund". - Harambee (plan) for constructing maternity ward. - Harambee (plan) for constructing maternity ward in Nov. 98	- 2,000 kshs. for subordinate staff and watchman.
	Kipkelion HC	5/12 (42%)	- Drugs: 10 kshs/dose	50%	N/A	13 members	- Harambee (plan) for constructing maternity ward in Nov. 98	The facility it self build by Harambee movement
	Sostot HC	9/12 (75%)	- Drugs: 10 kshs/dose - Inpatient: 10 kshs/night - Delivery: 40 kshs.	70%	N/A	20 members	N/A	- Construction of water tank & MCH wing by Harambee
	Kapkoros HC	5/12 (42%)	- Drugs: 10 kshs/dose - Stay over night: 10 kshs - Delivery: 40 ksh - Lab: 20ksh / test	N/A	- Painting the facility	12 members (C.O & PHT from H/C)	- Sksh per a visit as "Community fund" - Lending land for cattle grazing - 100 kshs/month for watchman salary from maternity stay	- 1,300 kshs for watchman by maternity/client fee - Repair of water pump - Fixing telephone by community fund in plan
Bomet	Ndanai HC	11/12 (92%)	- Drugs: 10 kshs/dose - Inpatient: 40 kshs/night - Delivery: 50 ksh - Lab: 20 kshs/test	50%	N/A	13 members (Nurse officer in charge, PHT)	- 5 kshs per visit as "community fund" - Harambee (plan) for MCH construction	- 4500 kshs for subordinate & driver salary by "community fund" - Water protection work by "Harambee"
	Sigor HC	2/12 (17%)	- Drugs (injection): 10 kshs/dose - Drugs (tablets): 20 kshs/dose - Inpatient: 100 kshs/night - Delivery: 150 kshs/night - Maternity ward: 50 kshs/night - Lab: 20 kshs/test - Health check: 100 kshs.	80%	N/A	12 members (C.O. PHT from H/C)	- 10ksh per person per month as "Community fund" - Sksh for needle and syringe	- 3,000 ksh for subordinate staffs - Chloroquine injection, spirit and cotton from "community Fund" if necessary

District	Name of HC	Cost Sharing Situation at Priority Health Centres				Health Centre Committees' Movement			Remarks
		Reporting Rate of Health Information*	Fee Schedule of Cost Sharing (FIF)	Collection % of Cost Sharing by Staff Interview	Use of 75 % Cost Sharing at H/C by Interview	Members of H/C Committee	Resource Mobilization Activities at Health Facility / Committee	Use of "Community Fund" or Other Resources at Health Facility	
Nyamira	Ekerenyo HC	8/12 (67%)	- Drug: 10 Ksh / dose - Lab: 20 kshs/test - Dressing: 10 ksh/service	95%	N/A	7 members (C.O & EN from H/C)	- Harambee (plan) for constructing maternity ward and general ward.	- Construction of kitchen, staff house and toilet by Harambee	- Promotive Activities: 1) Health talk at "Baraza" or schools on STI/F 2) Support CBD activity
	Keroka HC	0/12 (0%)	- Drug: 10 kshs/dose - Inpatient: 20 kshs/night - Delivery: 280 kshs.	70%	N/A	5 members (C.O, nursing officer, PHO lab tech, Revenue officer)	- H/C committee decided collecting 5Ksh per person per month as "Community fund" - CBD group support fencing (plan) - Harambee (plan) for building a staff house	- Renovation of water tank by Harambee.	- Promotive Activities: 1) Health talks on HIV, Malaria etc. 2) Talks on availability of methods for a new FP client
	Manga HC	3/12 (25%)	- Drug: 10 kshs/dose - Lab: 20 kshs/test - Delivery: 40 kshs - Minor surgery: 50 kshs	N/A	N/A	N/A	N/A	N/A	
Kisii	Keumbu HC	10/12 (83%)	- Drug: 20ksh / dose - Inpatient: 30ksh / night - Delivery: 80ksh	75%	N/A	10 members (C.O & PHT from H/C)	- Harambee (plan) for constructing maternity ward and staff house	- Installation of water tank & electricity wiring by Harambee	
	Masimba HC	11/12 (92%)	- Drug: 10 kshs/dose - Inpatient: 20 kshs - Delivery: 40 kshs	95%	N/A	9 members (C.O, PHT, PHO from H/C)	- 10 kshs. Per a visit for "community maintenance fund" - Extending ward by Harambee (plan)	N/A	
	Marani HC	11/12 (92%)	- Drug: 10 kshs/dose - Inpatient: 10 kshs/night - Delivery: 50 kshs	50%	N/A	N/A	N/A	N/A	

District	Name of HC	Cost Sharing Situation at Priority Health Centres			Health Centre Committees' Movement			Remarks
		Reporting Rate of Health Information*	Fee Schedule of Cost Sharing (FIF)	Collection % of Cost Sharing by Staff Interview	Use of 75 % Cost Sharing at H/C by Interview	Members of H/C Committee	Resource Mobilization Activities at Health Facility / Committee	
Gucha	Kenyanva HC	11/12 (92%)	- Drug: 10Ksh / dose The facility was upgraded to H/C in April. - Inpatient: 10 kshs/night - Delivery: 40 kshs	50%	N/A	8 members (Nurse in charge & PHT from H/C)	N/A	
	Nduru HC	12/12 (100%)	- Drug: 10Ksh / dose - Inpatient: 10Ksh / night - Delivery: 40 Ksh	50%	N/A	13 members (PHO from H/C)	- 5Ksh per visit per as "Community fund"	Marie Stopes (NGO) conduct periodical tubal ligation service
	Nyamache HC	11/12 (92%)	- Drug: 10Ksh / dose	80%	- Kitchen equipment (proposal to district)	Members reshuffle	- Harambee (plan) for constructing maternity ward	- Constructing OPD by Harambee
	Ogembo DH	12/21 (100%)	- Drug: 20 kshs/dose - Inpatient & maternity: 30 kshs/per day for the minimum of 14 days. - Delivery: 80 kshs	85%	N/A	21 members	- Harambee (plan) for extending room constructing a clerk room and buying a large water pipe	- Fencing of H/C by Harambee

* Number of monthly outpatient morbidity report that reached to district medical record officer in the period of year.

DAILY WORKING TOOLS AND GUIDANCE

1 Maternity and Child Health & FP

Daily Work Tools

- Family Planning First Visit Card (Printed Form)
- Family Planning Revisit Card (Printed Form)
- GTZ CBD Supervisors Monthly Report Form (Printed Form: Nyamira Only)
- Immunization Tally Sheet (Printed Form)
- Cold Chain Recording Sheet (Printed Form)
- Child Health Card (Printed Form)
- Permanent Resistor for Children (Printed Book)
- Daily Activity Resistor for Family Planning (Printed Book)
- Needy Nutrition Follow-up (Printed Form)
- Maternity Unit in Patient Record (Printed Form)

Guidance

- A Guide to Family Planning Methods, MOH (Wall Chart)
- National Immunization Schedule (Wall Chart)
- Management of the Child with Cough or Difficult Breathing (Wall Chart)
- Management of the Patient with Diarrhea (Wall Chart)

2. Laboratory / X-Ray / Physiotherapy

- Laboratory Record (Note)
- Monthly Laboratory Report (Printed Form)
- X-ray Request Form (Printed Form)
- Request for Physiotherapy / Occupational Therapy (Printed Form)
- History and Physical Examination Sheet (Printed Form)

3. PMIU

- Fiscal Maintenance Work Sheet for RHF (Printed Form)
- Maintenance Project for Rural Health Facilities - Shopping List(Printed Form)
- PMIU Report of Planned Maintenance Work for District (Printed Form)

4. Disease Control

- Notification of Infectious Diseases (Syclostyle)

- Summary Sheet Infectious Diseases (Printed Form)

5. Administration

Daily Work Tools:

- Waver Form (Syclostyle)
- Duty Roster (Handwriting)
- Monthly Summary Report (Syclostyle)
- Quarterly Workload and Revenue Report for Health Centres and Dispensaries (Printed Form)
- Out-patient Tally Sheet (Printed Form)
- Immunization Summary Sheet (Printed Form)
- Out-patient Register (Printed Book)
- In-patient / Out-patient Continuation Sheet (Printed Form)
- General Out-patient Record for Hospital (Printed Form)
- Daily Bed Return for Hospital (Printed Form)
- Out-patient Card (Printed Form)

6. Pharmacy

Daily Work Tools

- Drugs and Revenue Resistor (Resistor Book)
- Oral and Injectable Sulphonamides Resistor for Rural Health Facilities (Resistor Book)

Guidance

- Essential Drug for Rural Health Facilities: Indicators / Dosages / Precautions (Wall Chart)

7. Sexual Transmitted Infection Clinic

Daily Work Tools

- STI Tablets /Capsules and Injection Resistor(Printed Book)

Guidance

- Management of Sexual Transmitted Infection (Wall Chart)

8. Inpatient / Maternity Ward

- Inpatient Billing Book (Printed Book)
- Inpatient Register Book (Printed Book)

9 Preventive and Promotive Activities

Daily Work Tools:

- Health Talk Weekly Schedule (Hand Writing)

Filing (PHO's Office in Health Centre):

- Local Monthly Reports
- Divisional Monthly Reports
- Staff Meeting
- Food & Food Premises
- Work Programmes
- DC's / DO's Curcular
- Ministry of Health File
- School Inspection Reports
- Markets Situation
- D. H. O's Circulars
- Communicable Diseases
- Mosquitoes and Vector Control
- Health Clearance
- Divisional Development Committee
- Health Facilities Sanitation

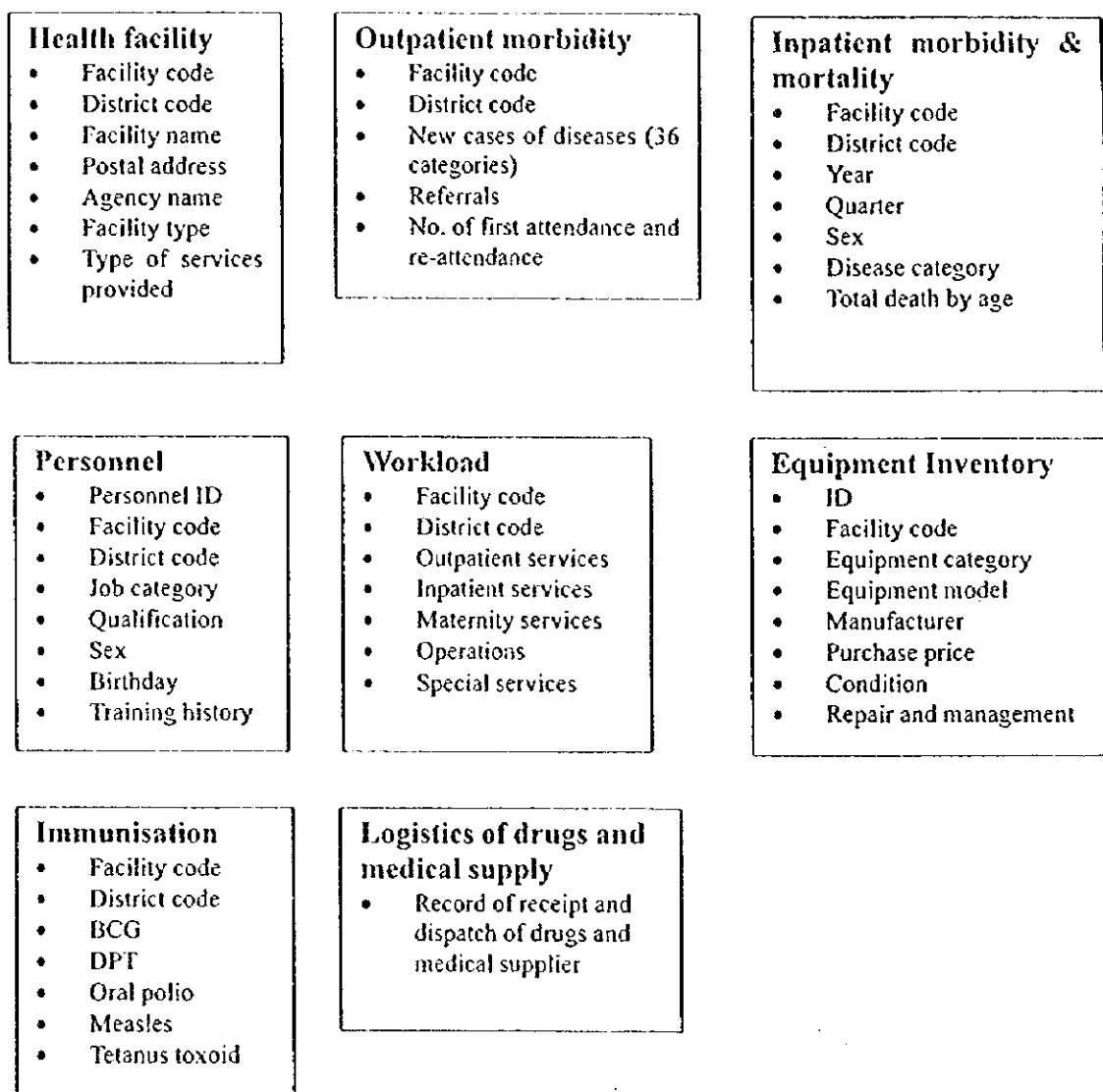
10. Profiles

- Population Distribution (Hand Writing)
- Water Sources (Hand Writing)
- School Profile (Hand Writing)
- Health Centre' Staff List (Hand Writing)

DISTRICT HEALTH MANAGEMENT INFORMATION SYSTEM

1. Concept of District Health Information Management system

District Health Information Management System consists of sub database components described below. Each database can be relational by linking the common field (e.g. Facility code in Health facility and Facility code in Outpatient morbidity). Linking of different databases enable those concerned (1) to understand the correlation between the factors in the health sector; and (2) to plan and manage district health activities efficiently and effectively.



2. Tabulation from the database system: Reported new cases of outpatient morbidity

The data shown here are taken from the health database system at the MOH headquarters and converted to a table of monthly summary table of reported outpatient morbidity in Nyamira district by using Microsoft Access. The Data of a particular health facility regarding a can be also converted into a table.

District	Year	Month	Cholera	Diarrhoea	Tuberculosis	Leprosy	Whooping Cough	Meningitis	Tetanus	Polio	Chicken Pox	Measles
Nyamira	95	1	904	0	0	0	3	3	1	0	50	43
Nyamira	95	2	3	0	0	0	0	0	0	0	3	0
Nyamira	95	3	1178	0	0	0	6	0	0	0	91	51
Nyamira	95	4	795	0	0	0	10	2	0	0	34	72
Nyamira	95	5	1002	13	1	1	21	9	2	2	45	29
Nyamira	95	6	1263	2	0	0	116	7	9	0	94	49
Nyamira	95	7	1208	0	0	0	15	1	0	0	55	31
Nyamira	95	8	1060	2	1	1	14	4	0	2	107	79
Nyamira	95	9	1013	1	0	0	20	2	2	0	96	19
Nyamira	95	10	1370	1	1	1	17	3	0	15	118	51
Nyamira	95	11	701	1	0	0	16	0	0	0	105	18
Nyamira	95	12	644	1	0	0	35	0	1	0	50	7

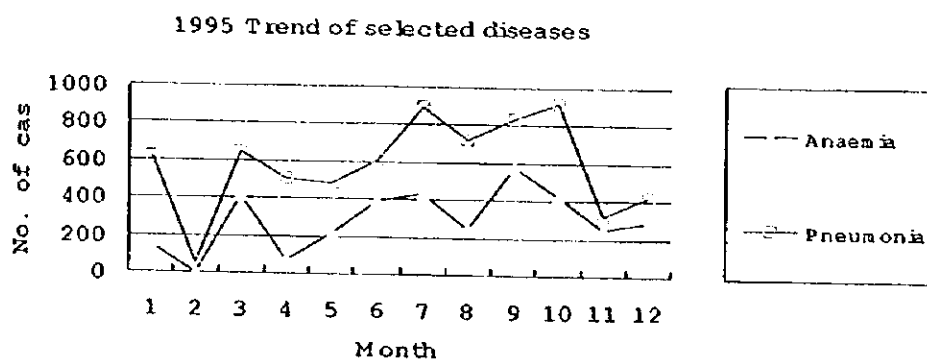
Infected	Mumps	Malaria	Gonorrhoe	Urinary Tract	Bilharzia	Intestinal	Malnutrit	Anaemia	Eye
2	50	9928	116	617	1	1104	18	142	482
0	0	560	58	0	0	110	0	0	39
33	695	9597	423	843	44	1416	48	414	185
5	26	7425	178	530	2	1188	18	72	117
2	32	8786	179	518	10	1155	47	217	1224
37	98	12965	749	800	296	1296	366	391	1851
5	48	12772	252	853	7	1723	32	437	1781
7	72	10830	206	802	2	1525	17	246	1561
4	85	8762	252	800	25	1436	24	577	1177
16	402	10548	272	453	47	1353	91	418	1193
0	32	7236	93	447	2	888	37	248	598
6	16	6336	119	387	2	983	7	291	616

NS: The data of all diseases are not shown due to the limitation of the space.

3. Example of simple graph made from the database system

Graphs can be also made using the database system. An example is made from the 1995 outpatient morbidity data of Nyamira district. The example shows only anaemia and pneumonia but graphs can be made for other conditions. Graphs are effective particularly in finding the correlation between one factor and another. Production and distribution of the graphs to health facilities could be of great help to the planning and management of health activities.

NB: The figure is adapted from the current health information system. However, some of the data do not necessarily



reflect the actual trend of diseases, as all facilities do not report the forms and the reporting rate varies from one month to another.

4. Example of the report

Those concerned in planning and management of district health activities need to know the information regarding health facilities. The report below is made, combining the data from the tables of health facility, personnel, and equipment. This type of report is an effective tool to have a general understanding of a particular health facility.

Report_HealthFacilityInformation

BORABU (SKG) H/C.

Facility code	Facility name		
153	BORABU (SKG) H/C.		
District code	District Name		
650	Nyamira		
Agency name	Facility type	Division name	
Missions	Health center		
Postal address	Phone	Fax	
OP curative	FP	KEPI	Delivery
Yes	Yes	Yes	Yes
Growth monitoring	IP service	Surgical operation	Psychiatric care
Yes	No	No	No
X-ray	Laboratory		
No	No		

Personnel

Personnel ID	Name	Sex
Birthday	Job category	Qualification
Training history		
Memo		
1	Robin M. Achoki	Male
11-Nov-66	Clinical officer	M.D.

Training history

Memo

Equipment

Equipment ID	Facility code	Equipment category
Equipment model	Serial number	Manufacturer
Purchase price	Condition	Remedial action
1	153	Stethoscope
Stethoscope	0	Toshiba
Y100,000	In use	
2	153	Sphygomanometer
Sphygomanomet	0	General Electric
Y2,500	Not in use	Repair

Situation of PMIU Project

- 1 Renovation of Dispensary:** Dispensaries were selected on the basis of a check list prepared by PMIU staff or Committees. The number of renovated facilities in each district are as follows;

Kericho :21 DSPs have been renovated.

Bomet :12 DSPs have been renovated and 4 DSPs are being renovated.

Nyamira : Nil

Kisii and Gucha :19 DSPs have been renovated.

- 2 Training program:** Training has been implemented in order to establish a system for maintenance among PHO(M)/PHT(M), Officers in charge and Community .

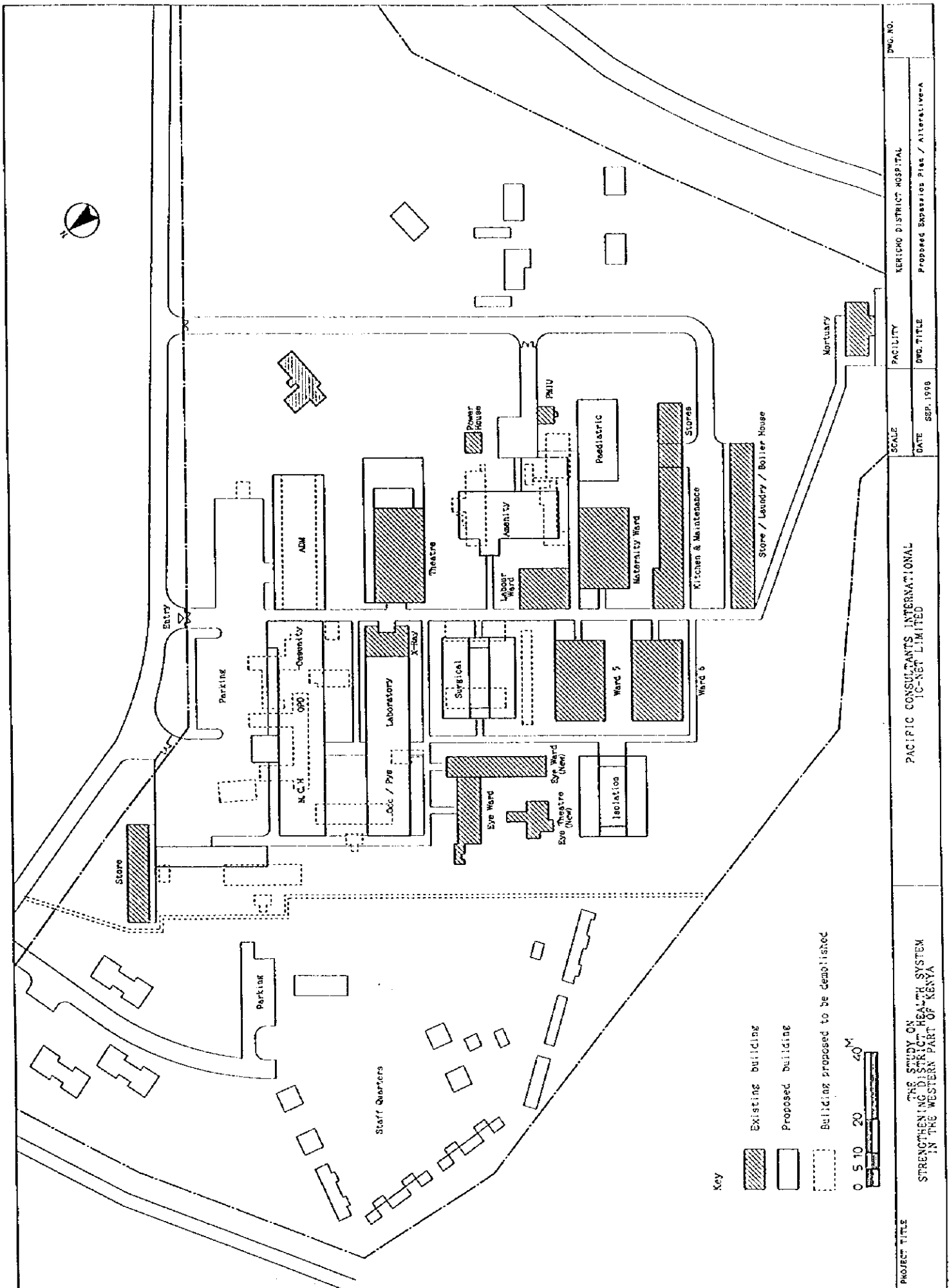
- PHO(M) and PHT(M): PHO(M) has been attend a lecture for training for trainers. Training course of PHT(M) is for 3 weeks covering masonry work, carpentry work, plumbing work etc. After finishing the course, PHOs and PHTs became PHT(M)s. It is planned that every facility has at least one trained PHT(M). The number of PHO(M) and PHT(M) in each district is as follows;

	Kericho	Bomet	Nyamira	Kisii	Gucha
PHO	1DPHO, 6PHO(M) (2 in district)	6 PHO (2 in district office, 4 in HC)	1 DPHO 5 PHO	1 DPHO, 4 PHO	1DPHO, 3 PHO (3 PHO)
PHT	27PHT 50 PHT(M)	29 PHT 40 PHT(M)	47 PHT 22 PHT(M)	More than 50PHT 30 PHT(M)	18PHT, 12PHT(M)

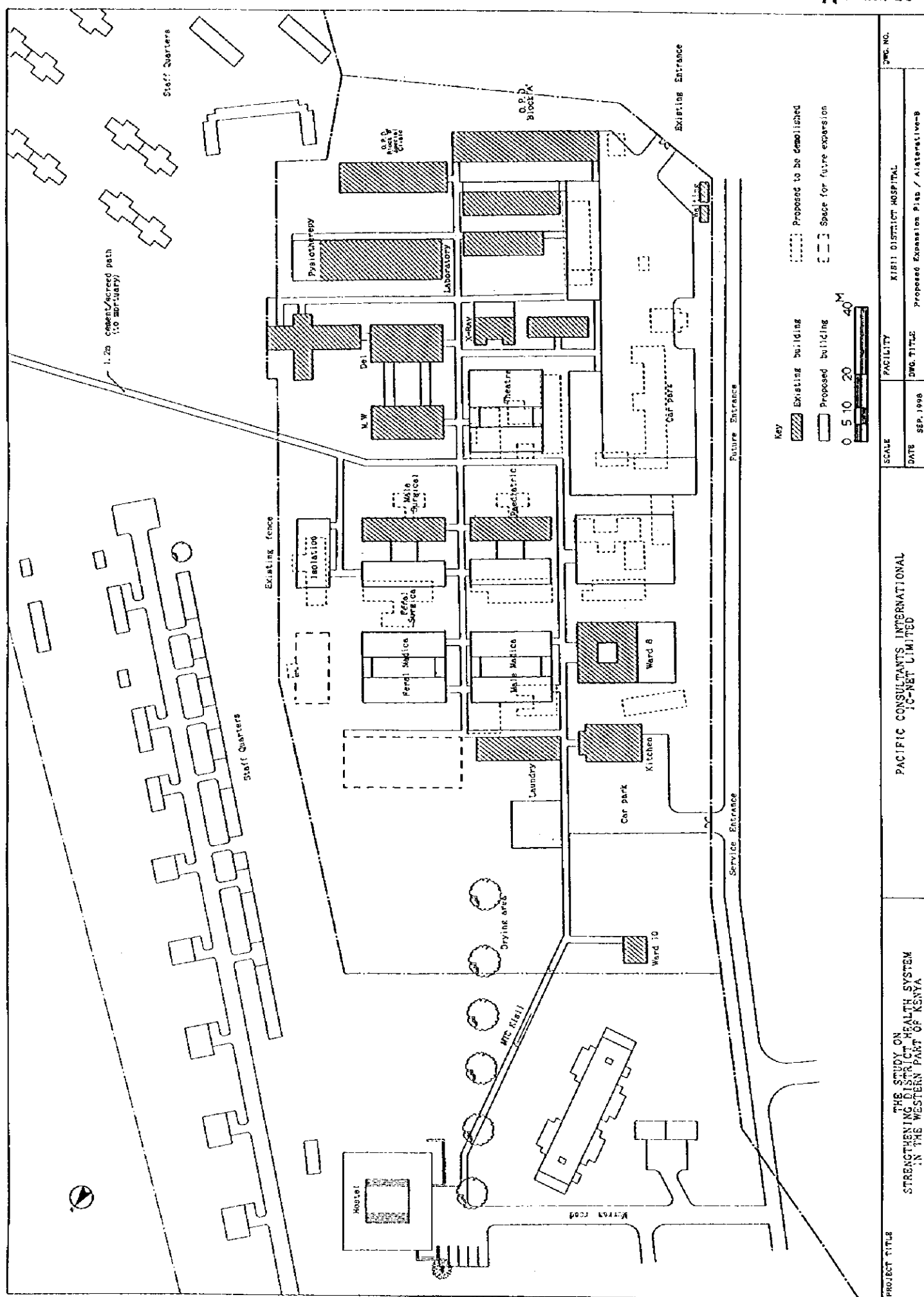
- Officers in charge: The training course for Clinical Officers and Nurses in charge is for 3 days, covering supervision and management of renovation work, organization and administration of a committee etc.

- Health Facility Committee: Training of committee participants is for 1 day with topics concerned with maintenance and renovation work. Training of Leader for community committee has been carried out.

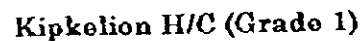
- 3 Preventive Maintenance:** Preventive maintenance has been carried out by the above PHO(M) and PHT(M) in accordance with the maintenance manual. The priority of maintenance work defined in the manual is as follows;
- Pri.1 Basic Maintenance (cutting grass etc.)
 - Pri.2 Protection against water damage.
 - Pri.3 Protection against the vermin.
 - Pri.4 Security (Locks etc.)
 - Pri.5 Water supply
 - Pri.6 Disposal of waste, sewage.
 - Pri.7 Internal decorations
 - Pri.8 External decorations.
- 4 Supply of Medical Equipment:** 81 items of medical equipment supplied by UNICEF have been being distributed to all Health facilities in the study area except for Nyamira.
- 5 Supply of Non medical Equipment:** Non-Medical equipment supplied by UNICEF will be distributed to the renovated dispensaries.



Proposed Expansion Plan for Kericho DH

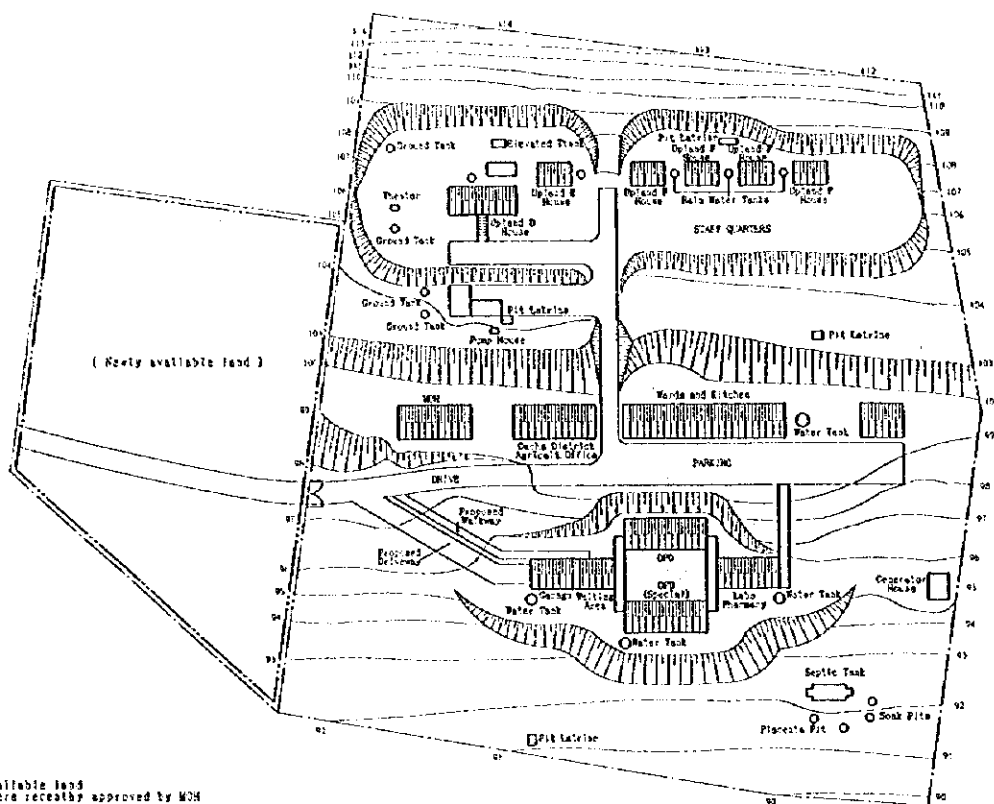


Proposed Expansion Plan for Kisii DH

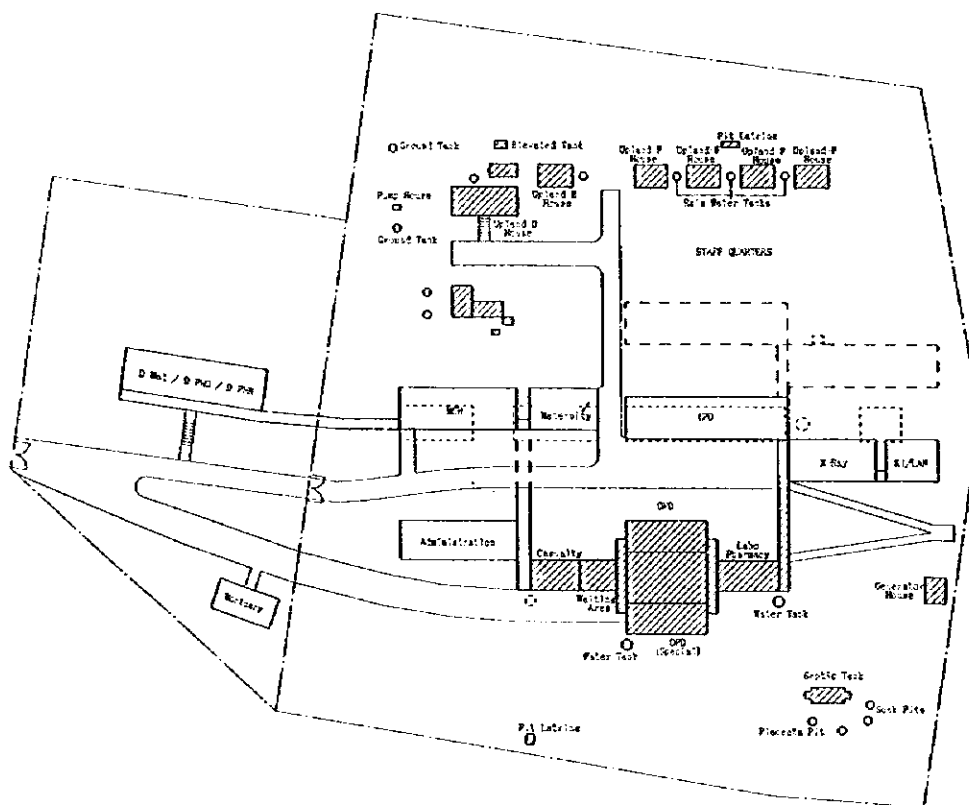


Proposed Expansion Plan for Ogembo DH (First Draft)

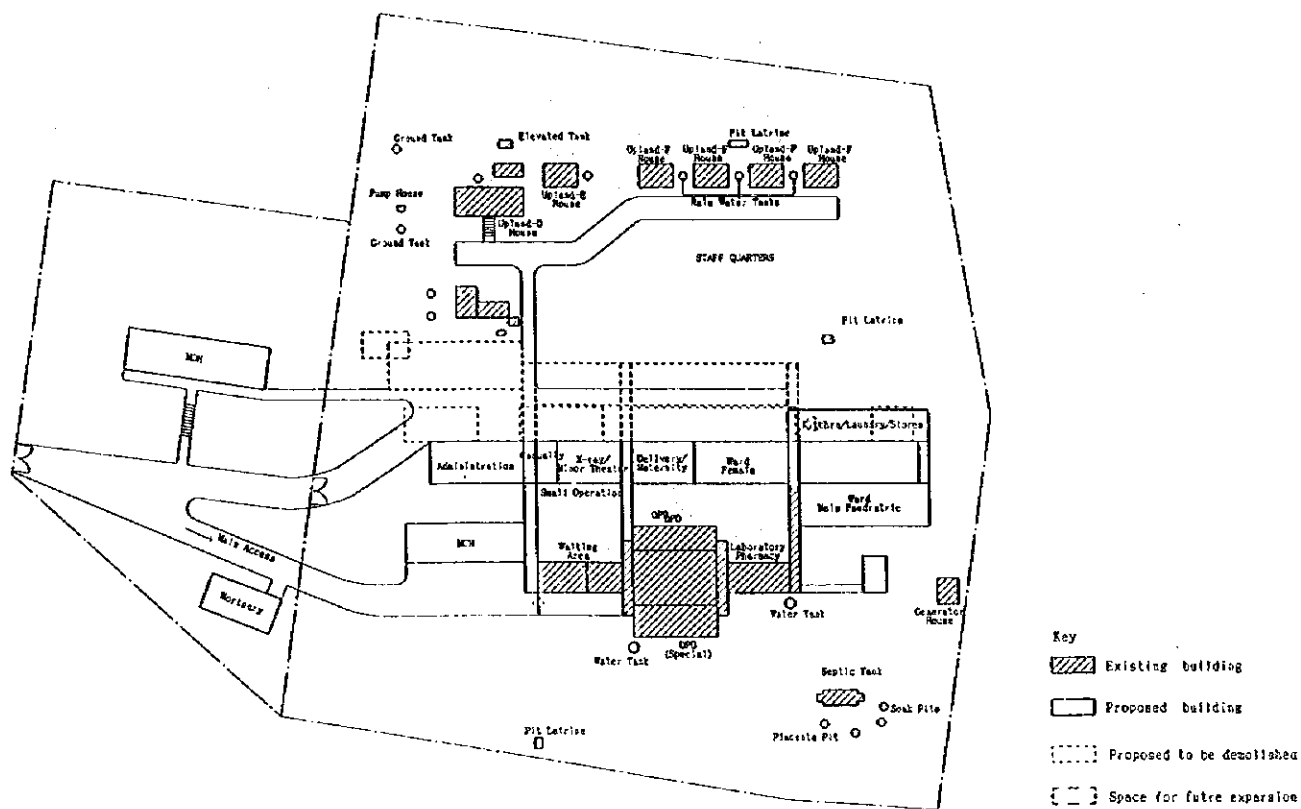
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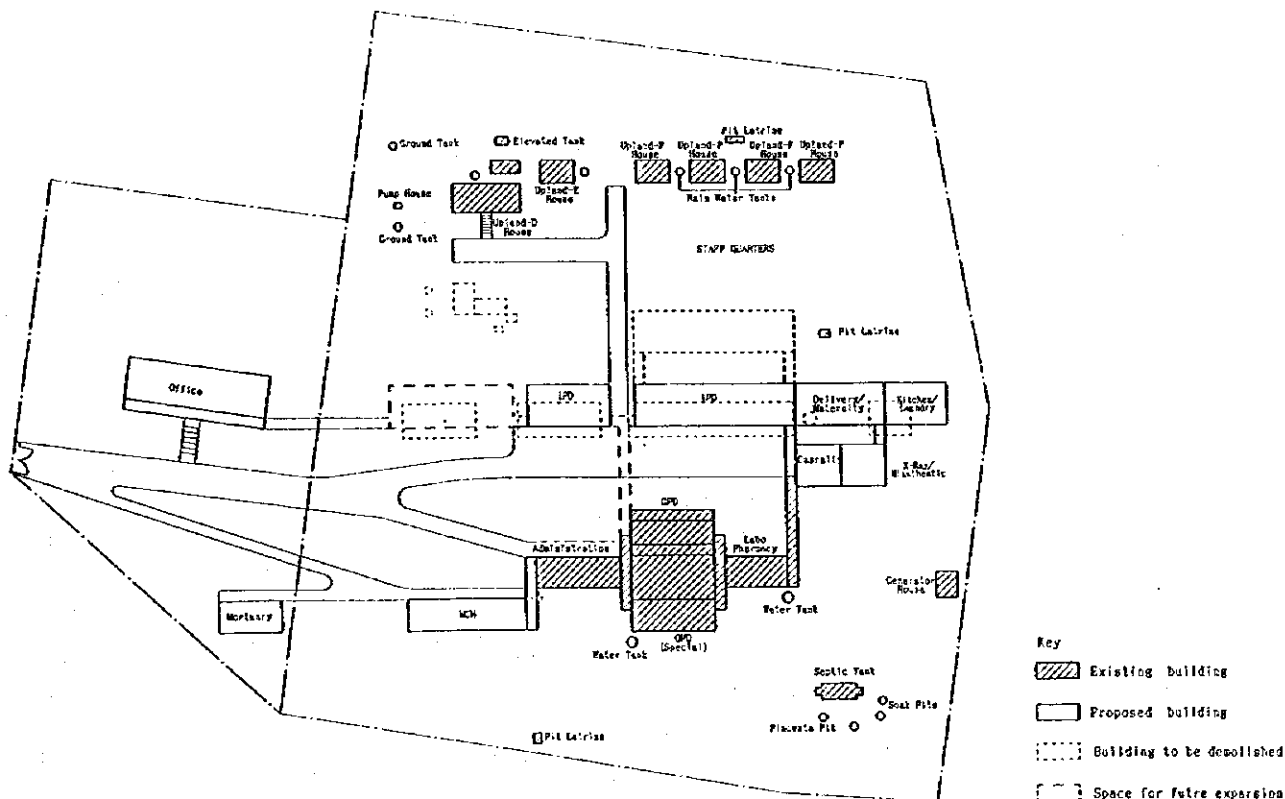
Existing Site Plan



Alternative-A



Alternative-B



Alternative-C