社会開発協力部報告書

THE GENERAL HOSPITAL

ESTABLISHMENT PROJECT IN THE KINGDOM OF SAUDI ARABIA

BASIC DESIGN FIN

VOL.2



JAPAN INTERNATIONAL COOPE

THE GENERAL HOSPITAL

ESTABLISHMENT PROJECT IN THE KINGDOM OF SAUDI ARABIA

VOL.2



JAPAN INTERNA

N	0.	08	

BASIC DESIGN FINAL REPORT

DRAWINGS

NOVEMBER 1983

TIONAL	COOPERATION	AGENCY

	SDS	
i	S C	
83	-145-2/	3

JKS LIBRARY THE GENERAL HOSPITAL

> ESTABLISHMENT PROJECT IN THE KINGDOM OF SAUDI ARABIA



BASIC DESIGN FIN

JAPAN INTERNATIONAL COOPER

THE GENERAL HOSPITAL

LIBRARY

ESTABLISHMENT PROJECT IN THE KINGDOM OF SAUDI ARABIA

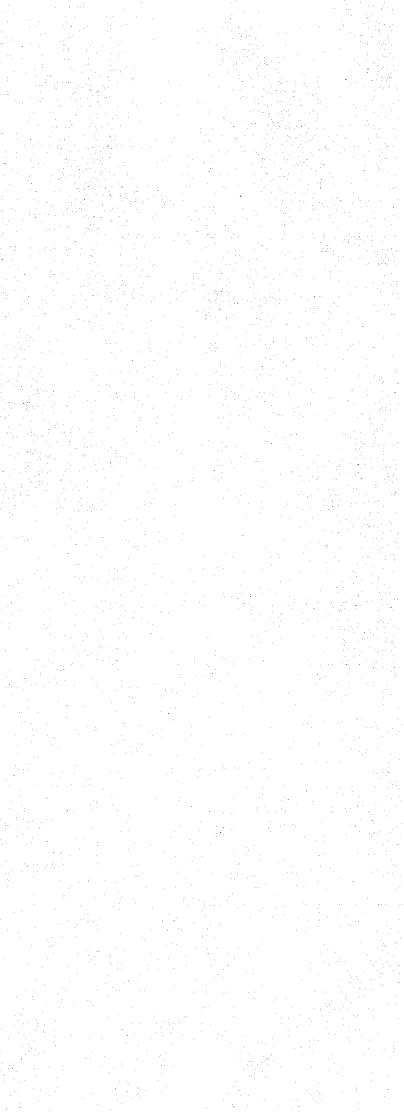


BASIC DESIGN FINAL REPORT

DRAWINGS

NOVEMBER 1983

JAPAN INTERNATIONAL COOPERATION AGENCY



•	
•	ARCHITECTURAL
01	LIST OF DRAWINGS
02	TABLES OF FLOOR SPACES
03	SITE PLAN : GROUND LEVEL
04	1st LEVEL
05	HOSPITAL: BASEMENT FLOOR PLAN
06	GROUND FLOOR PLAN
07	1st FLOOR PLAN
08	2nd FLOOR PLAN
@	3rd FLOOR PLAN
10	4th FLOOR PLAN
11	5th FLOOR PLAN
12	6th FLOOR PLAN
13	PENTHOUSE FLOOR PLAN
们会	ROOF PLAN
15	EMERGECY CONTROLE CENTER
16	ELEVATIONS SOUTH & WEST
17	ELEVATIONS NORTH & EAST
18	SECTIONS
19	WALL-SECTIONS
20	TYPICAL ROOMS

THE GENERAL HOSPITAL

BASIC DESIGN

JAPAN INTERNATIONAL COOPERATION AGENCY

			- 1
			- 2
	·		- 3
			- 4
			- 5
	[_] -		- 6
			_
	<u>-</u>		
			- 9
· · · · · · · · · · · · · · · · · · ·			10
		·	11
		-	12
<u></u>	-		13
		· · ·	14
	 		15
		÷ 	16
			17
	- 		5 A.
	- 		18
			19
			20
•			

ARCHITECTURAL

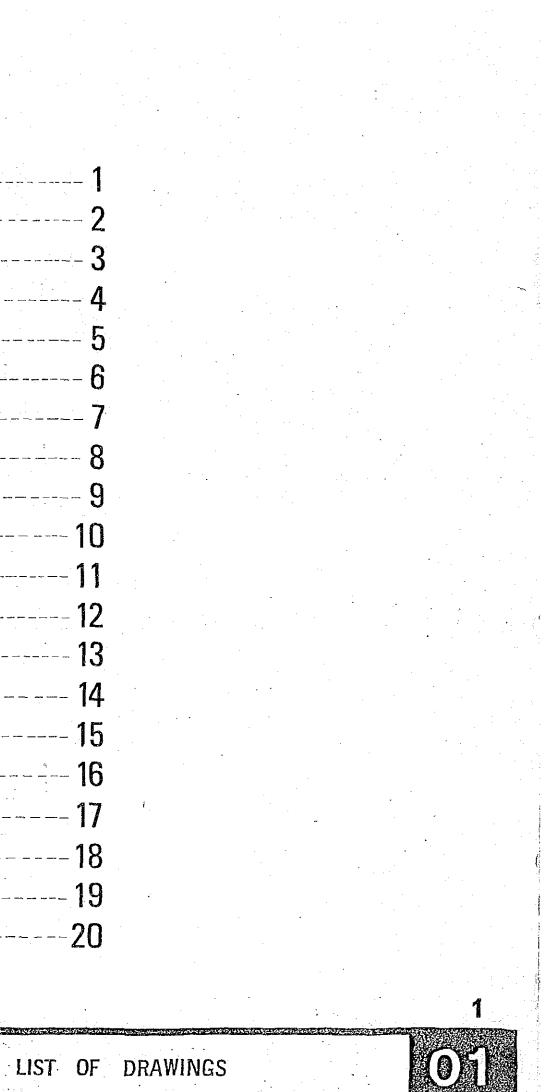
LIST OF DRAWINGS

•	ARCHITECTURAL	
01	LIST OF DRAWINGS	
02	TABLES OF FLOOR SPACES	
03	SITE PLAN : GROUND LEVEL	
04	1st LEVEL	
05	HOSPITAL: BASEMENT FLOOR PLAN	
06	GROUND FLOOR PLAN	╡ ╽╺┶┶╴╾╼┶╴╾╾╾╼╼╼╼╼╼╼╼╼╼╼╼╼╼╼╼╼╼╼╼╼╼╼╼╼╼╼╼╼
07	lst FLOOR PLAN	
08	2nd FLOOR PLAN	
09	3rd FLOOR PLAN	
10	4th FLOOR PLAN	·
11	5th FLOOR PLAN	
12	6th FLOOR PLAN	
13	PENTHOUSE FLOOR PLAN	
14	ROOF PLAN	-
15	EMERGECY CONTROLE CENTER	
16	ELEVATIONS SOUTH & WEST	
17	ELEVATIONS NORTH & EAST	
18	SECTIONS	
19	WALL-SECTIONS	
20	TYPICAL RODMS	

THE GENERAL HOSPITAL

BASIC DESIGN

JAPAN INTERNATIONAL COOPERATION AGENCY



BUILDING AREA & FLOOR SPACE OF EACH ZONE

ZONE	SITE AREA (M ³) (A)	TOTAL BUILDING AREA (M ²) (B)	TOTAL FLOOR SPACE (M ²) (C)	(%)	(C)/(A) (3%)
HOSPITAL	89.866	55.470	202.270	61.7	225.1
HOUSING	48.837	11.280	53, 520	23!	109,6
TOTAL	138,703	66.750	255.790	48.1	184. ⁴

BUILDING AREA & FLOOR SPACE OF EACH BUILDING

ZONE		BUILDING	BUILDING AREA (M ²)	FLOOR SPACE (M2)
		HOSPITAL MAIN BLDG.	26,320	91.900
		GENERAL CLINIC	2,920	3,240
	HOSPITAL.	UTILITIES CENTER	3.720	6.100
	· · · ·	WAREHOUSE	980	980
		ENERGEC CONTROLE	110	110
TOSFITAL ZUNE		SUB-TOTAL	34.050	102.330
	PARKING B	UILDING	19.700	95,800
	MOSQUE		¹ 1.100	1.100
	OVERNIGHT ACCOMMODATIONS		490	2.910
	GUARD HOUS	SES	130	130
	·	TOTAL -	55.470	202.270
	HOUSING		10.530	52,450
HOUSING ZONE	RECREATION CENTER BUILDING		720	1.040
	GUARD HOU	SE	30	30
		ROTAL.	: 11.280	53.520
GRAND TOTAL			66.750	255.790

- HOSPITAL MAIN BLDG.

FLOOR ···	CANCER CENTER AND JOINT-USE* (M ²)	GENERAL HOSPITAL	TOTAL (M?)	REMARKS
PENTHOUSE FL.	· 530	890	1.420	
6 TH FL	2.540	2.630	5.170	
5 ^{TH,} FL.	3.500	4.060	7,560	
4 ^{TH.} FL.	2.540	4.020	6,560	
3 RD. FL	9.720	5.230	14.950	
2 NO. FL.	7.690	5.750	13440	
<u>1 ST. FL.</u>	14,780	3.180	17.960	
GROUND FL.	16.730	2.460	19.190	BUILDING AREA: 26,430 M ²
BASEMENT FL.	5.650	0	5.650	-
TOTAL	63.680	28.220	91.900	
	* CENERAL CLINIC NOT INC		.	

* GENERAL CUNIC NOT INCLUDED IN THIS TABLE

* * OTHER BUILDING SPACE SUCH AS THE PILOTI PARKING, THE BALCONY, OPEN CORRIDORS ...: 13,800 M^2



BASIC DESIGN

TOTAL

JAPAN INTERNATIONAL COOPERATION AGENCY

A Star Design Alexandra Carlo Star Star

GENERAL CLINIC

	a second a second s			
FLOOR	FLOOR	(M2)		
2 ^{ND.} FL.				1.210
1 ^{ST,} FL.				2.030
TOTAL				3,240
			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	

*Other building space such as the open corridor the over bridge and the passage way :  $2,790\,\text{M}^2$ 

#### UTILITIES CENTER

FLOOR	FLOOR SPACE (M ² )	REMARKS	
1 ^{ST.} FL	1.790		
GROUND FL.	3.720	BUILDING AREA: 3,720 M ²	
BASEMENT FL.	590		
TOTAL	6.100		

*OTHER FLOOR SPACE FOR THE UNDERGROUND WATER TANKS: 3,140 M2 WAREHOUSE

#### FLOOR SPACE ( M FLOOR GROUND FL. 98 98 TOTAL

#### EMERGECY CONTROLE CENTER

FLOOR	FLOOR SPACE	(M²)	REMARKS
_GROUND FL	  	110	BUILDING AREA: 110M2
TOTAL	 · · · · · · · · · · · · · · · · · · ·	110	

#### PARKING BUILDING

	59 S.	
FLOOR	FLOOR SPACE (M ² )	REMARKS
GROUND FL.	19, 700	BUILDING AREA: 19,700 M ²
BASEMENT 1 ST FL.	19.700	
2 ND FL.	36,700	INCLUDE HOSPITAL BASEMENT FLOOR SPACE: 17.000M ²
3 RD .FL.	19.700	
# TOTAL	95,800	

*OTHER BUILDING SPACE FOR THE DRY AREA : 750 M²

MOSQUE

FLOOR SPACE FLOOR - () GROUND FL. 1.100

### **REMARKS** OVER-BRIDGE NOT INCLUDED BUILDING AREA : 2,920 M²

1 ² )	REMARKS	·
0	BUILDING AREA :	980 M²
0		

(M²)	REMARKS	5	
1.100	BUILDING AREA	1.100 M ²	
1.100			

ARCHITECTURAL

#### OVERNIGHT ACCOMMODATIONS

FLOOR	FLOOR SPACE (M ² )	
STH FL.	485	
4TH FL.	485	
3RD FL.	485	
2ND FL	485	
1 ST FL.	485	
GROUND FL	485	BUI
TOTAL	2,910	

#### HOUSING

			1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	•	
ZONE	QUANTITY	STORIES	FLOOR SPACE	(M²)	
VILLA	12	2F.		-5.300	BUI
MARRIED	3	8F	•	16.700	
MARGED	1	8 F		3.900	
MALLE	. 1	8 ¢		6.700	
	2	. 7F		4.400	
FEMALLE	1	7F	·	10.850	
	1	7 F.		4.600	
	TOTAL	·		52.450	TOT

#### RECREATION CENTER BUILDING

FLOOR	FLOOR SPACE (M ² )
1 ST FL	580
GROUND FL	460 BU
TOTAL	1.040

GUARD HOUSES

BUILDING	FLOOR SPACE (M)
GUARD HOUSE 1	70
2	
3	30
4	30
TOTAL	160

TABLES OF FLOOR SPACES

#### FLOOR SPACE OF EACH ZONE

SITE AREA (M (A)	² ) TOTAL BUILDING AREA (M ² ) ( B )	TOTAL FLOOR SPACE (M ² ) (C)	(B)/(4) (%)	(C) (A) (9%)
89.866	55.470	202.270	61,7	225.1
48.837	11.280	53, 520	23!	109,6
138,703	66.750	255.790	48.1	184. ⁴

#### & FLOOR SPACE OF EACH BUILDING

	BU	ILDING	BUILDING AREA (M ² )	FLOOR SPACE (M2)
	· · · · · ·	HOSPITAL MAIN BLDG.	26.320	91.900
	·	GENERAL CLINIC	2.920	3,240
	HOSPITAL	UTILITIES CENTER	3.720	6.100
		WAREHOUSE	980	980
		ENERGEC CONTROLE CENTER	110	110
· .		SUB- TOTAL	34.050	102.330
	PARKING 8U	LDING	19.700	95,800
	MOSQUE		1,100	1.100
	OVERNIGHT AG	COMMODATIONS	490	2.910
	GUARD HOUSE	S	130	130
	τ	DTAL	55.470	202.270
	HOUSING		10.530	52,450
	RECREATION C	Enter Building	720	1,040
	GUARD HOUSE		30	30
	TOTAL.		11,280	53.520
			66.750	255.790

AIN BLDO	<u>.</u>			
	CANCER CENTER AND JOINT-USE* (M ² )	GENERAL HOSPITAL	TOTAL (M²)	REMARKS
	530	890	1.420	
	2.540	2.630	5.170	
	3.500	4.060	7,560	
·	2,540	4.020	6,560	
	9.720	5.230	14.950	
	7.690	5.750	- 13440	
	14,780	3.180	17960	
	16.730	2.460	19.190	BUILDING AREA: 26,430 M ²
	5.650	0-	5.650	
÷	63.680	28.220	91.900	

* GENERAL CLINIC NOT INCLUDED IN THIS TABLE

** OTHER BUILDING SPACE SUCH AS THE PILOTI PARKING, THE BALCONY, OPEN CORRIDORS ...: 13,800 M2

THE GENERAL HOSPITAL ESTABLISHMENT PROJECT IN THE KINGDOM OF SAUDI ARABIA GENERAL CLINIC

FLOOR	FLOOR SPACE (M ² )	REMARKS
2 NO. FL.	1,210	OVER-BRIDGE NOT INCLUDED
1 ST. FL.	2.030	BUILDING AREA :-2,920 M ²
TOTAL	3.240	

*OTHER BUILDING SPACE SUCH AS THE OPEN CORRIDOR THE OVER BRIDGE AND THE PASSAGE WAY: 2,790 M²

#### UTILITIES CENTER

:	FLOOR		FLOOR SPACE (M ² )	REMARKS
			1.790	
	GROUND FL.	· · · ·	3,720	BUILDING AREA: 3,720 M
· 、	BASEMENT FL.		590	
· · ·	TOTAL		6.100	

*OTHER FLOOR SPACE FOR THE UNDERGROUND WATER TANKS: 3,140 M2

#### WAREHOUSE

	· · · · · · · · · · · · · · · · · · ·			
FLOOR	/ 1 	FLOOR SPACE	(M ² )	REMARKS
GROUND FL.			980	BUILDING AREA : 1980)
TOTAL		· · ·	980	
		<u> </u>		

### EMERGECY CONTROLE CENTER ...

FLOOR	FLOOR SPACE	(M ² )	REMARKS
_GROUND FL		110	BUILDING AREA: 110M2
TOTAL		110	· · · · · · · · · · · · · · · · · · ·

#### PARKING BUILDING

FLOOR	FLOOR SPACE (M ² )	REMARKS
GROUND FL.	19,700	BUILDING AREA : 19,700 M
BASEMENT 1ST. FL.	19.700	
2ND. FL.	36,700	INCLUDE HOSPITAL BASEMENT FLOOR SPACE: 17.000M ²
3 ^{RD.} FL.	19.700	
≠ TOTAL	95,800	

*other building space for the DRY area :  $750\,\text{M}^2$ 

#### MOSQUE

**BASIC DESIGN** 

• •	FLOOR	 	FLOOR SPACE	(M2)	REMARKS	3
GROU	ND FL.			1.100	BUILDING AREA	1.100 N
	•		-	· .		
•	TOTAL		· ·	1,100		

JAPAN INTERNATIONAL

**COOPERATION AGENCY** 

ARCHITECTURAL

FLOOR STH FL. 4TH FL. 3RD FL. 2ND FL.

1ST FL. GROUND FL TOTAL

### HOUSING

	ZONE	QUAN
	VILLA	
•	MARRIED	
	MALLE	
	FEMALLE	
	······································	TOT

## FLOOR 1ST FL GROUND FL TOTAL

### GUARD HOUSES

BUILDING	FLOOR SPACE (M)	REMARKS
GUARD HOUSE 1	70	
2	30	-
3	30	
. 4	30	HOUSING ZONE
TOTAL	160	-

#### OVERNIGHT ACCOMMODATIONS

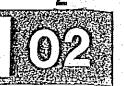
· · · · · · · · · · · · · · · · · · ·	FLOOR SPACE	(H ² )	REMARKS
		485	
		485	
•		485	
		485	
		485	
		485	BUILDING AREA : 490 M ²
		2,910	

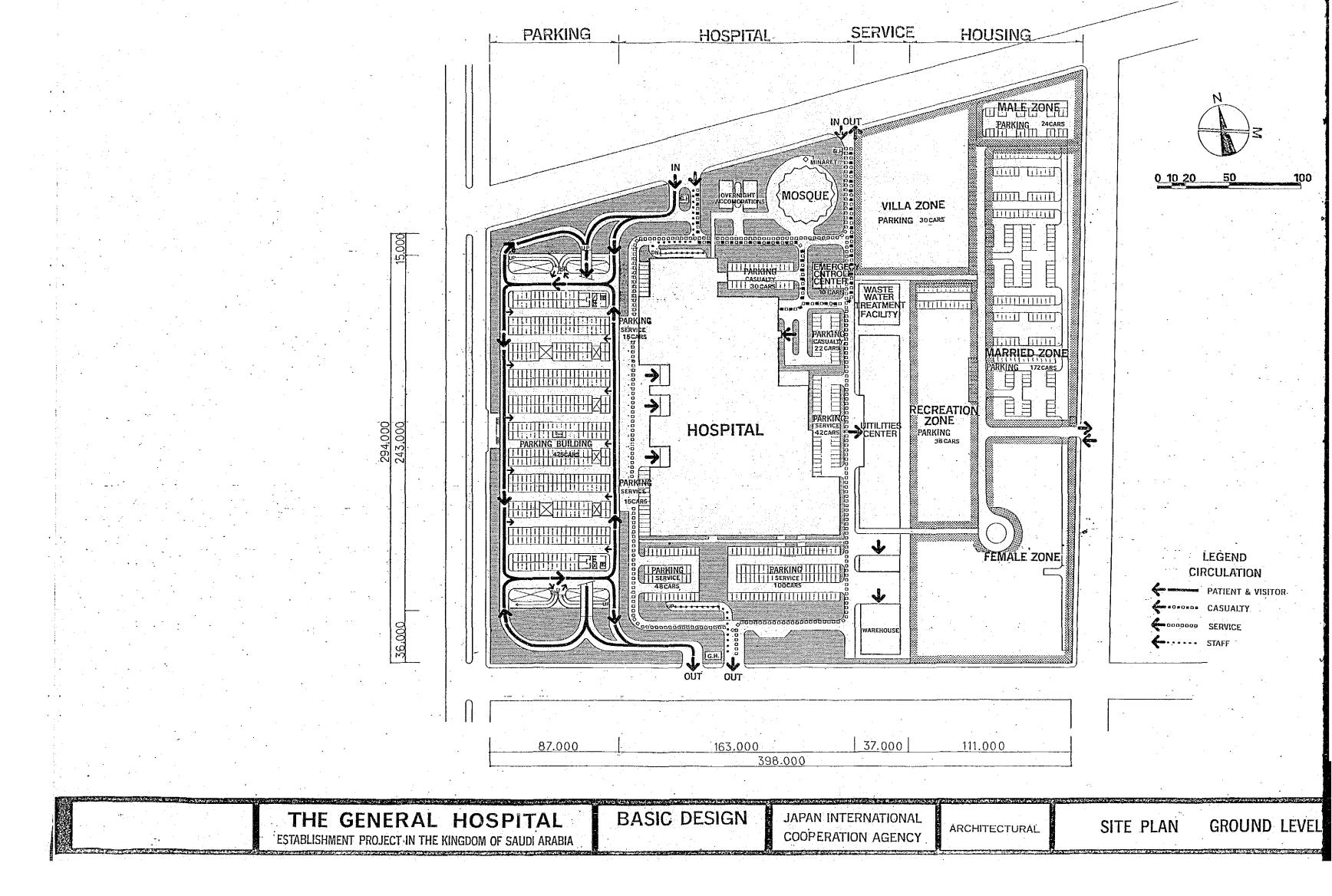
יזוו	STORIES	FLOOR SPACE	(M ² )	REMARKS
2	2F		•5.300	BUILDING AREA: 2.500
3	8F		16.700	2,500
1	8 F		3.900	550
1	8 F (		6.700	1.130
2	7 F		4.400	1.310
1	7 F		10.850	1.780
1	7 F		4.600	760
NE.			52.450	TOTAL BUILDING :10.530

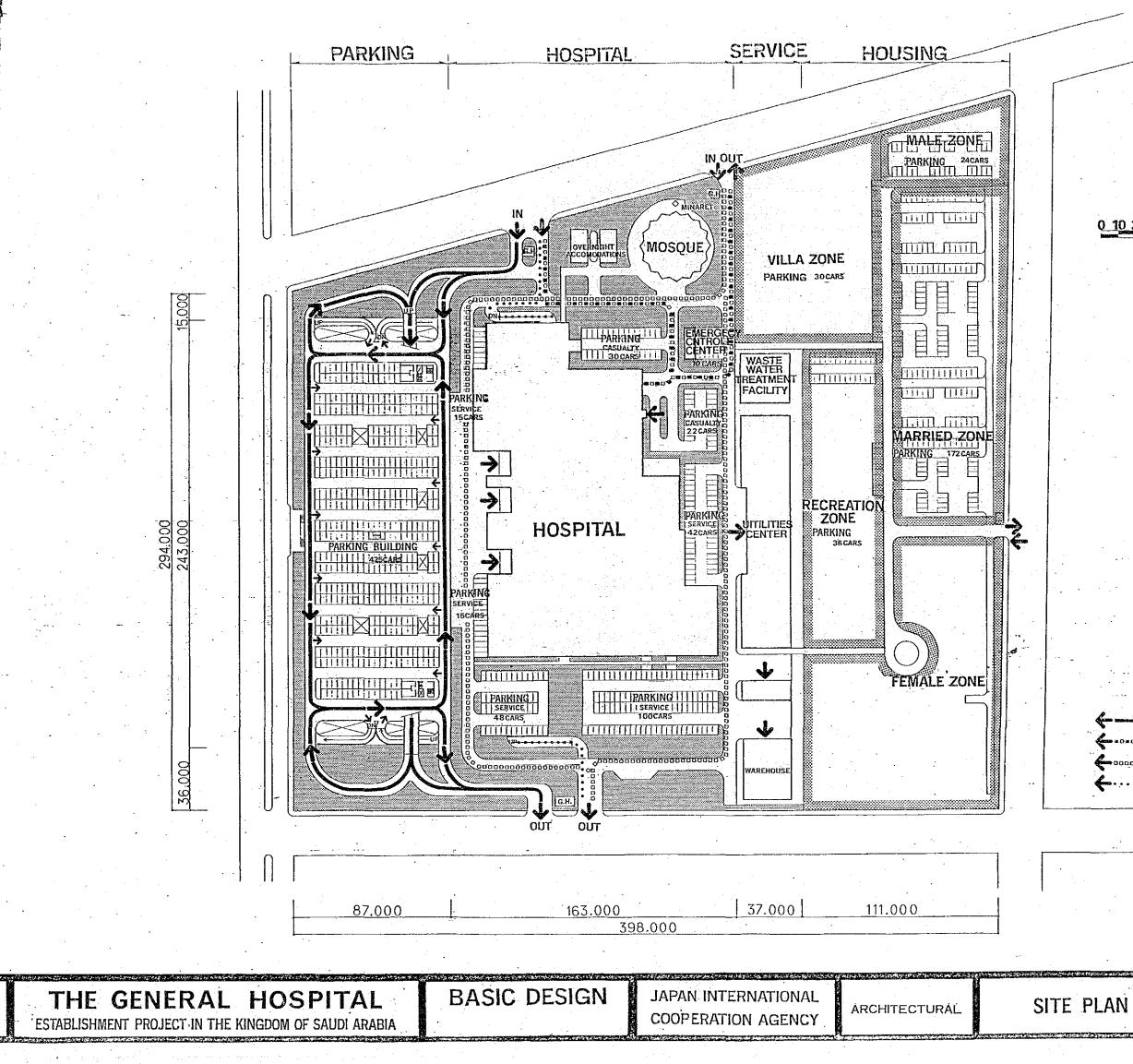
#### RECREATION CENTER BUILDING

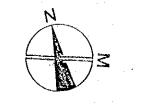
• •	,	FLOOR SPACE	( M ² )	REMARKS
			580	
	•	· ·	460	BUILDING AREA : 720 M ²
			1.040 ··	

TABLES OF FLOOR SPACES





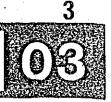




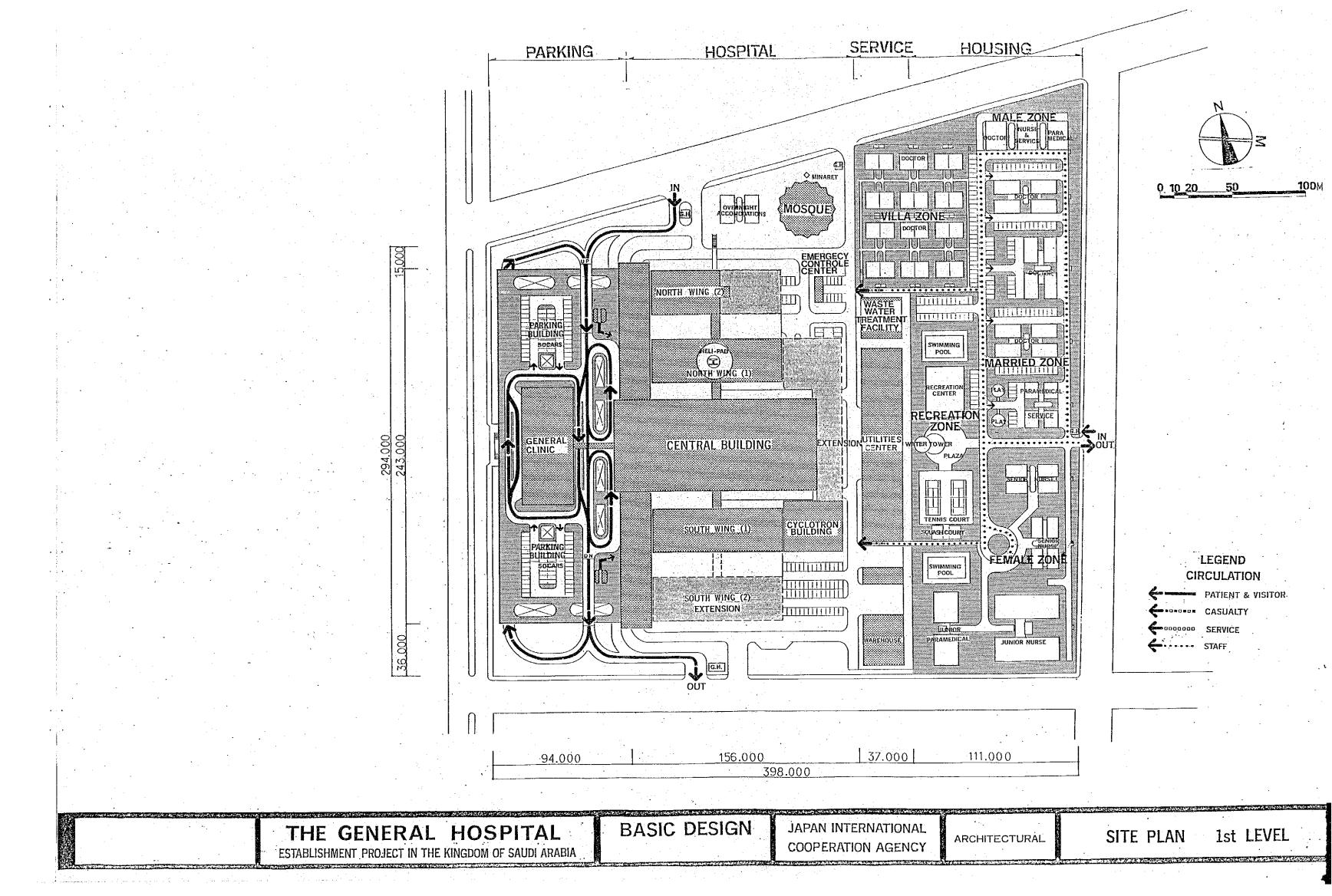
<u>0 10 20 50 1</u>00

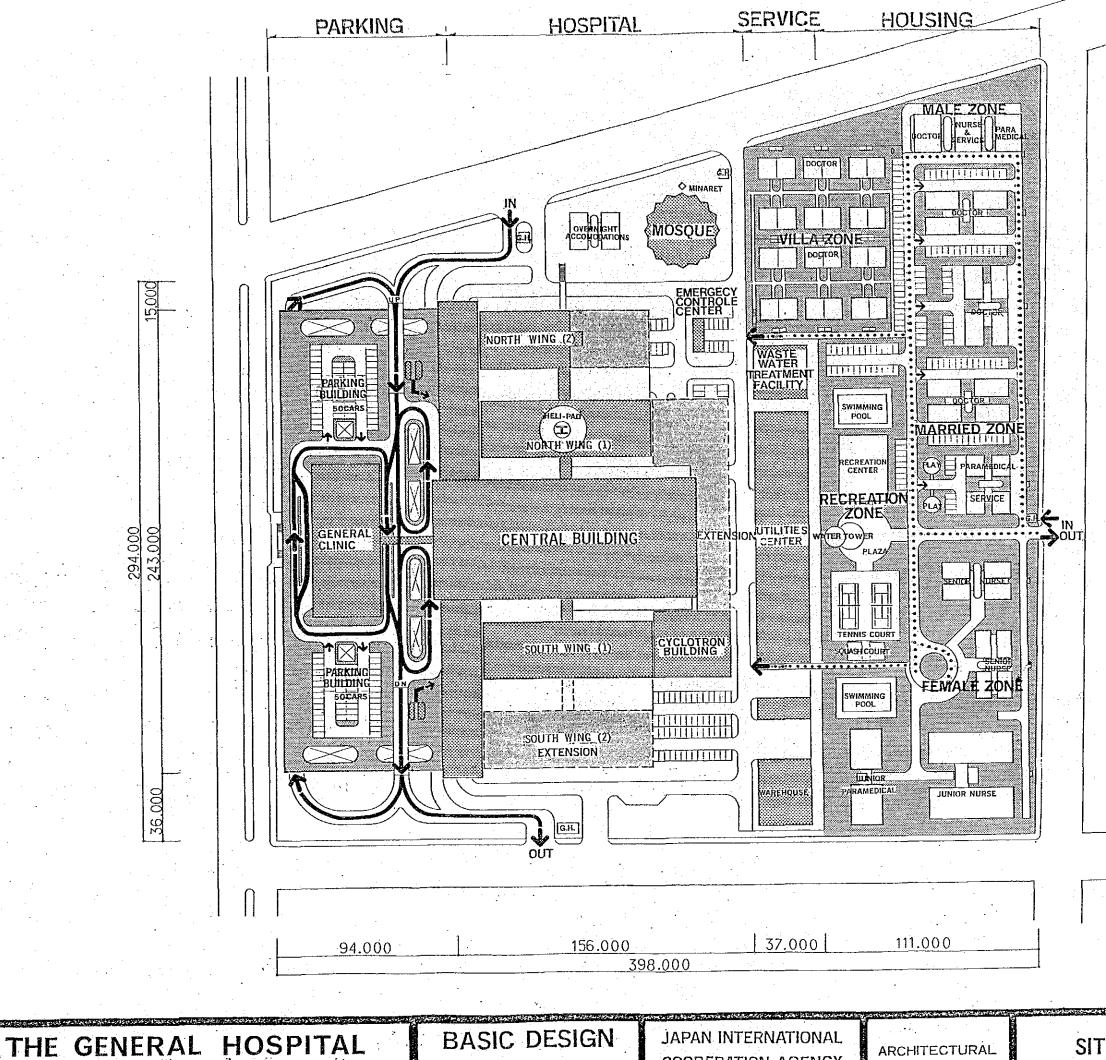
#### LEGEND CIRCULATION

PATIENT & VISITOR CASUALTY Decession SERVICE STAFF



**GROUND LEVEL** 



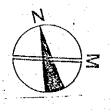


ESTABLISHMENT PROJECT IN THE KINGDOM OF SAUDI ARABIA

COOPERATION AGENCY

ARCHITECTURAL

SITE PLAN



).	10	20	50	 MCOL	
- 1	1.0		1200		

; ?	LEGEND	•
CIF	RCULATION	•
Kalentij	PATIENT & VISIT	OR

	CASUALTY	
<b>CODOCOD</b>	SERVICE	-
<b>{</b>	STAFF	



1st LEVEL

