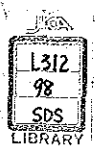


THE GENERAL HOSPITAL

ESTABLISHMENT PROJECT
IN THE KINGDOM OF SAUDI ARABIA

BASIC DESIGN FINAL

VOL.2



JAPAN INTERNATIONAL COOPERATION

THE GENERAL HOSPITAL

ESTABLISHMENT PROJECT
IN THE KINGDOM OF SAUDI ARABIA

BASIC DESIGN FINAL REPORT

VOL.2 DRAWINGS

NOVEMBER 1983



JAPAN INTERNATIONAL COOPERATION AGENCY

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BASIC DESIGN FIN

ESTABLISHMENT PROJECT
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ARCHITECTURAL		
01	LIST OF DRAWINGS	1
02	TABLES OF FLOOR SPACES	2
03	SITE PLAN : GROUND LEVEL	3
04	1st LEVEL	4
05	HOSPITAL : BASEMENT FLOOR PLAN	5
06	GROUND FLOOR PLAN	6
07	1st FLOOR PLAN	7
08	2nd FLOOR PLAN	8
09	3rd FLOOR PLAN	9
10	4th FLOOR PLAN	10
11	5th FLOOR PLAN	11
12	6th FLOOR PLAN	12
13	PENTHOUSE FLOOR PLAN	13
14	ROOF PLAN	14
15	EMERGENCY CONTROL CENTER	15
16	ELEVATIONS SOUTH & WEST	16
17	ELEVATIONS NORTH & EAST	17
18	SECTIONS	18
19	WALL-SECTIONS	19
20	TYPICAL ROOMS	20

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BUILDING AREA & FLOOR SPACE OF EACH ZONE

ZONE	SITE AREA (M ²) (A)	TOTAL BUILDING AREA (M ²) (B)	TOTAL FLOOR SPACE (M ²) (C)	(B/A) (%)	(C/A) (%)
HOSPITAL	89.866	55.470	202.270	61.7	225.1
HOUSING	48.837	11.280	53.520	23.1	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 (M ²)
HOSPITAL ZONE	HOSPITAL MAIN BLDG.	26.320	91.900
	GENERAL CLINIC	2.920	3.240
	UTILITIES CENTER	3.720	6.100
	WAREHOUSE	980	980
	EMERGENCY CONTROL CENTER	110	110
	SUB-TOTAL	34.050	102.330
	PARKING BUILDING	19.700	95.800
	MOSQUE	1.100	1.100
	OVERNIGHT ACCOMMODATIONS	490	2.910
	GUARD HOUSES	130	130
TOTAL	55.470	202.270	
HOUSING ZONE	HOUSING	10.530	52.450
	RECREATION CENTER BUILDING	720	1,040
	GUARD HOUSE	30	30
	TOTAL	11.280	53.520
GRAND TOTAL		66.750	255.790

HOSPITAL MAIN BLDG.

FLOOR	CANCER CENTER AND JOINT-USE* (M ²)	GENERAL HOSPITAL (M ²)	TOTAL (M ²)	REMARKS
PENTHOUSE FL.	530	890	1,420	
6TH FL.	2,540	2,630	5,170	
5TH FL.	3,500	4,060	7,560	
4TH FL.	2,540	4,020	6,560	
3RD FL.	9,720	5,230	14,950	
2ND FL.	7,690	5,750	13,440	
1ST FL.	14,780	3,180	17,960	
GROUND FL.	16,730	2,460	19,190	BUILDING AREA: 264,300 M ²
BASEMENT FL.	5,650	0	5,650	
TOTAL	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...: 18,800 M²

GENERAL CLINIC

FLOOR	FLOOR SPACE (M ²)	REMARKS
2ND FL.	1,210	OVER-BRIDGE NOT INCLUDED
1ST 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
1ST 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	FLOOR SPACE (M ²)	REMARKS
GROUND FL.	980	BUILDING AREA: 980 M ²
TOTAL	980	

EMERGENCY CONTROL CENTER

FLOOR	FLOOR SPACE (M ²)	REMARKS
GROUND FL.	110	BUILDING AREA: 110 M ²
TOTAL	110	

PARKING BUILDING

FLOOR	FLOOR SPACE (M ²)	REMARKS
GROUND FL.	19,700	BUILDING AREA: 19,700 M ²
BASEMENT 1ST FL.	19,700	
2ND FL.	36,700	INCLUDE HOSPITAL BASEMENT FLOOR SPACE: 17,000 M ²
3RD FL.	19,700	
TOTAL	95,800	

* OTHER BUILDING SPACE FOR THE DRY AREA : 750 M²

MOSQUE

FLOOR	FLOOR SPACE (M ²)	REMARKS
GROUND FL.	1,100	BUILDING AREA 1,100 M ²
TOTAL	1,100	

OVERNIGHT ACCOMMODATIONS

FLOOR	FLOOR SPACE (M ²)
5TH FL.	485
4TH FL.	485
3RD FL.	485
2ND FL.	485
1ST FL.	485
GROUND FL.	485
TOTAL	2,910

HOUSING

ZONE	QUANTITY	STORIES	FLOOR SPACE (M ²)
VILLA	12	2F	5,300
MARRIED	3	8F	16,700
MALLE	1	8F	3,900
FEMALE	2	7F	4,400
	1	7F	10,850
	1	7F	4,600
TOTAL			52,450

RECREATION CENTER BUILDING

FLOOR	FLOOR SPACE (M ²)
1ST FL.	580
GROUND FL.	460
TOTAL	1,040

GUARD HOUSES

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

FLOOR SPACE OF EACH ZONE

SITE AREA (M ²) (A)	TOTAL BUILDING AREA (M ²) (B)	TOTAL FLOOR SPACE (M ²) (C)	(B/A) (%)	(C/A) (%)
89,866	55,470	202,270	61.7	225.1
48,837	11,280	53,520	23.1	109.6
138,703	66,750	255,790	48.1	184.4

FLOOR SPACE OF EACH BUILDING

BUILDING	BUILDING AREA (M ²)	FLOOR SPACE (M ²)
HOSPITAL	HOSPITAL MAIN BLDG.	91,900
	GENERAL CLINIC	3,240
	UTILITIES CENTER	6,100
	WAREHOUSE	980
	EMERGENCY CONTROL CENTER	110
	SUB-TOTAL	102,330
PARKING BUILDING	19,700	95,800
MOSQUE	1,100	1,100
OVERNIGHT ACCOMMODATIONS	490	2,910
GUARD HOUSES	130	130
TOTAL	55,470	202,270
HOUSING	10,530	52,450
RECREATION CENTER BUILDING	720	1,040
GUARD HOUSE	30	30
TOTAL	11,280	53,520
	66,750	255,790

MAIN BLDG.

CANCER CENTER AND JOINT-USE* (M ²)	GENERAL HOSPITAL (M ²)	TOTAL (M ²)	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	13,440	
14,780	3,180	17,960	
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 PILOT PARKING, THE BALCONY, OPEN CORRIDORS...: 18,800 M²

GENERAL CLINIC

FLOOR	FLOOR SPACE (M ²)	REMARKS
2 ND 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 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	FLOOR SPACE (M ²)	REMARKS
GROUND FL.	980	BUILDING AREA: 980 M ²
TOTAL	980	

EMERGENCY CONTROL CENTER

FLOOR	FLOOR SPACE (M ²)	REMARKS
GROUND FL.	110	BUILDING AREA: 110 M ²
TOTAL	110	

PARKING BUILDING

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: 17,000 M ²
3 RD FL.	19,700	
TOTAL	95,800	

*OTHER BUILDING SPACE FOR THE DRY AREA: 750 M²

MOSQUE

FLOOR	FLOOR SPACE (M ²)	REMARKS
GROUND FL.	1,100	BUILDING AREA: 1,100 M ²
TOTAL	1,100	

OVERNIGHT ACCOMMODATIONS

FLOOR	FLOOR SPACE (M ²)	REMARKS
5 TH FL.	485	
4 TH FL.	485	
3 RD FL.	485	
2 ND FL.	485	
1 ST FL.	485	
GROUND FL.	485	BUILDING AREA: 490 M ²
TOTAL	2,910	

HOUSING

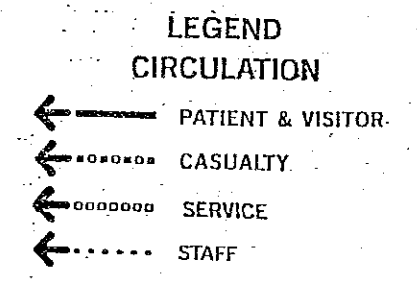
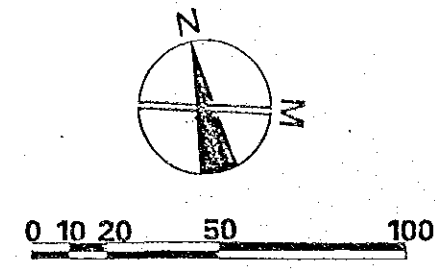
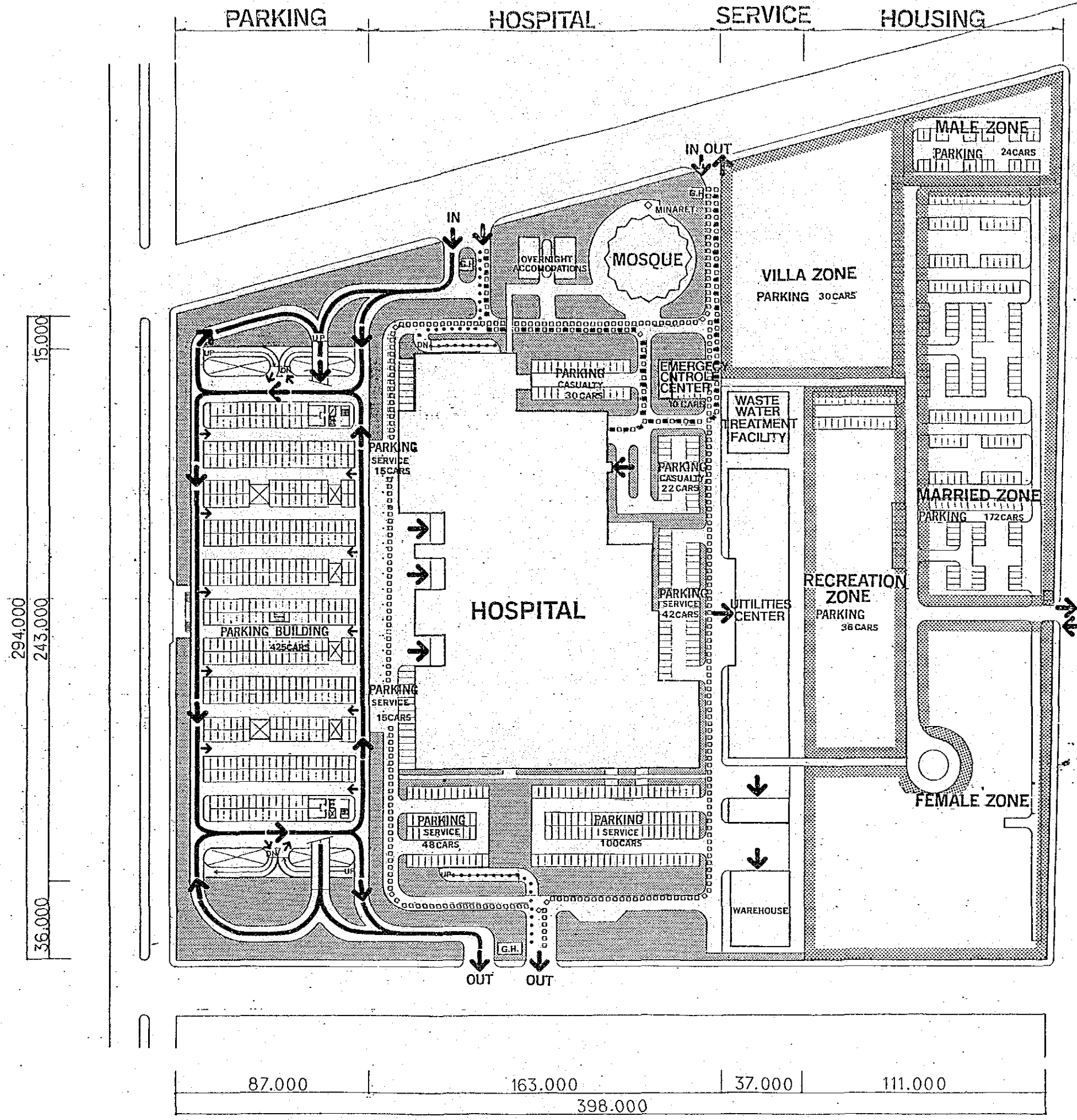
ZONE	QUANTITY	STORIES	FLOOR SPACE (M ²)	REMARKS
VILLA	12	2F	5,300	BUILDING AREA: 2,500
MARRIED	3	8F	16,700	2,500
	1	8F	3,900	550
MALLE	1	8F	6,700	1,130
FEMALLE	2	7F	4,400	1,310
	1	7F	10,850	1,780
	1	7F	4,600	760
TOTAL			52,450	TOTAL BUILDING AREA: 10,530

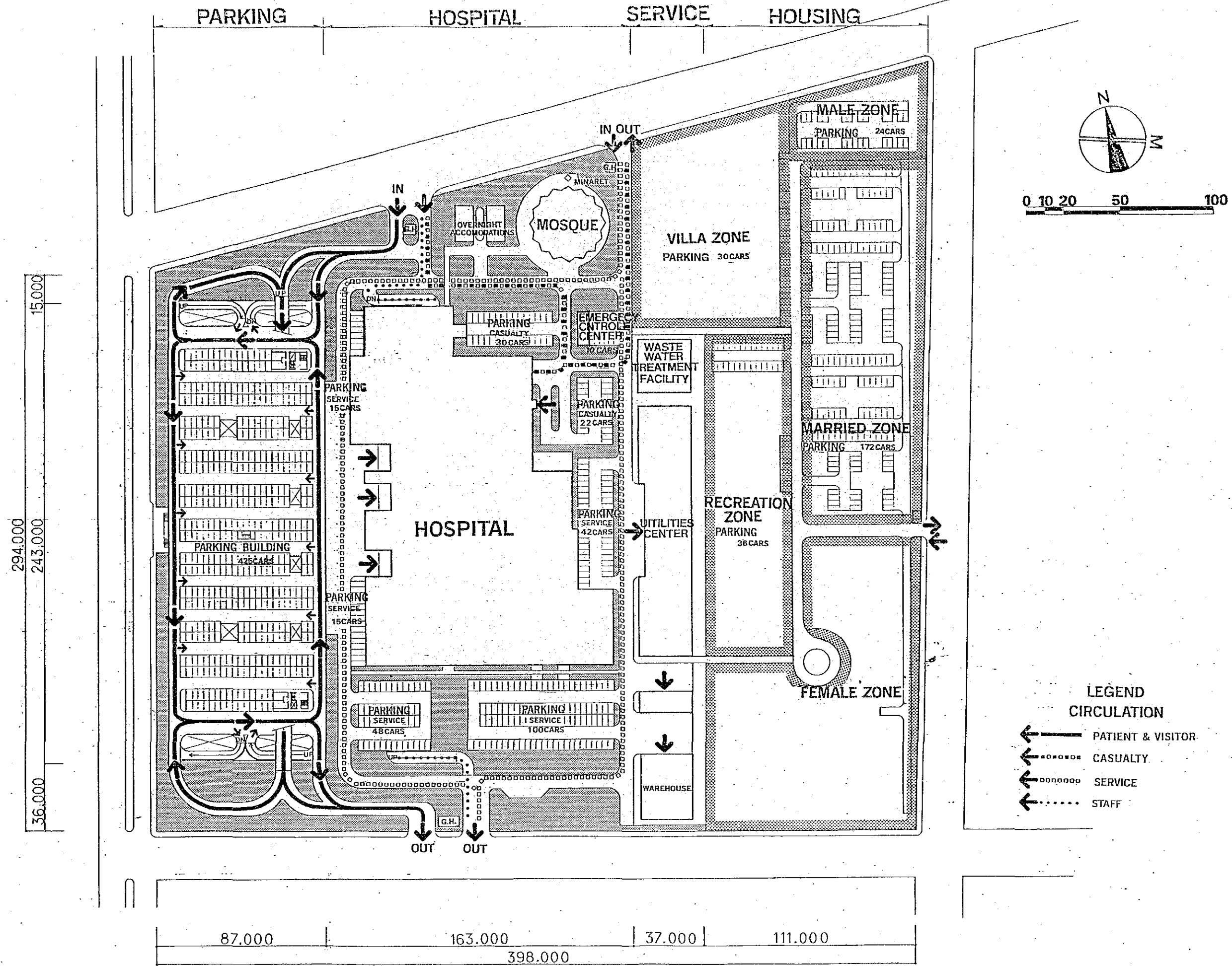
RECREATION CENTER BUILDING

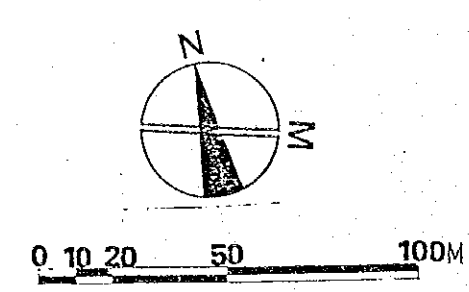
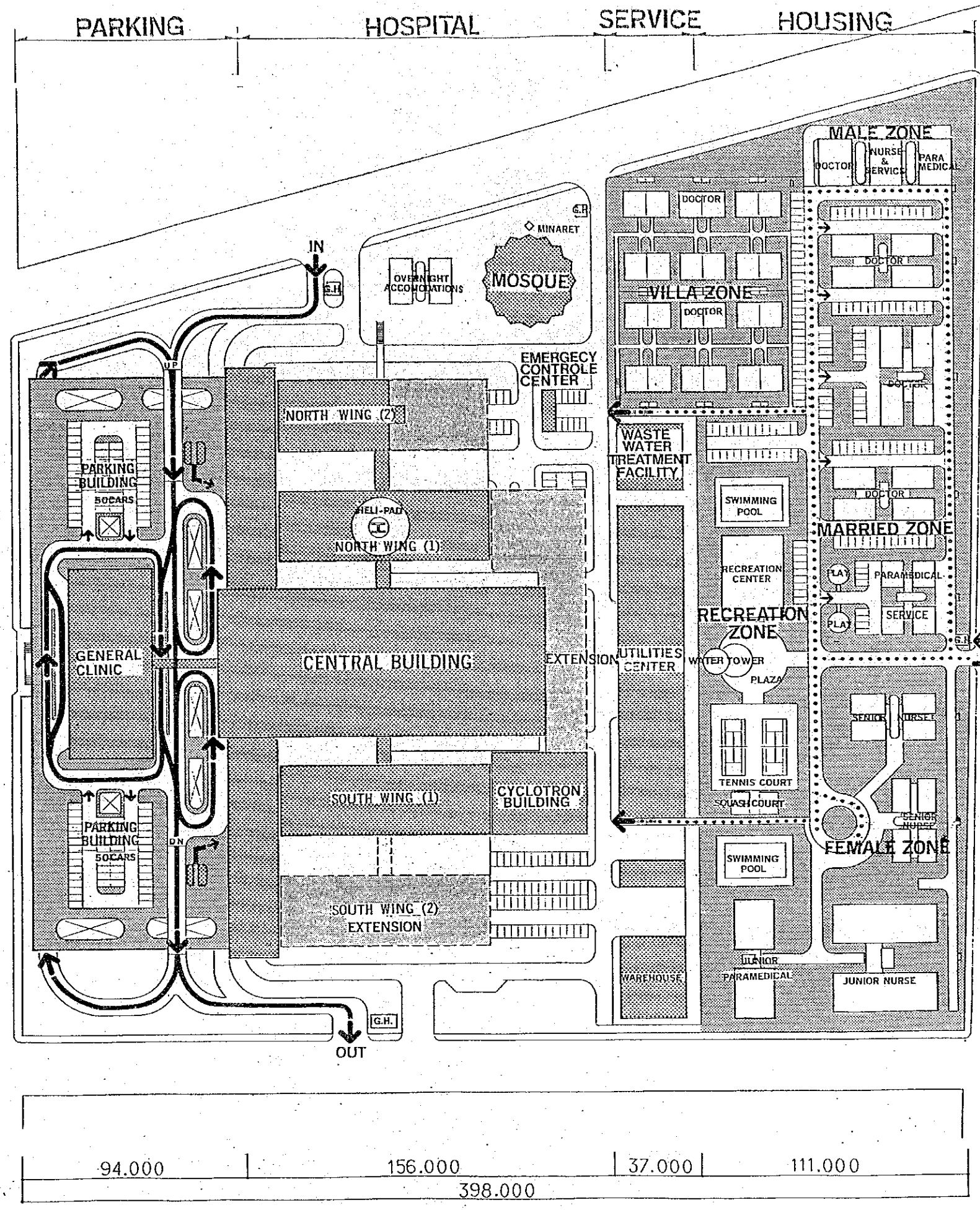
FLOOR	FLOOR SPACE (M ²)	REMARKS
1 ST FL.	580	
GROUND FL.	460	BUILDING AREA: 720 M ²
TOTAL	1,040	

GUARD HOUSES

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







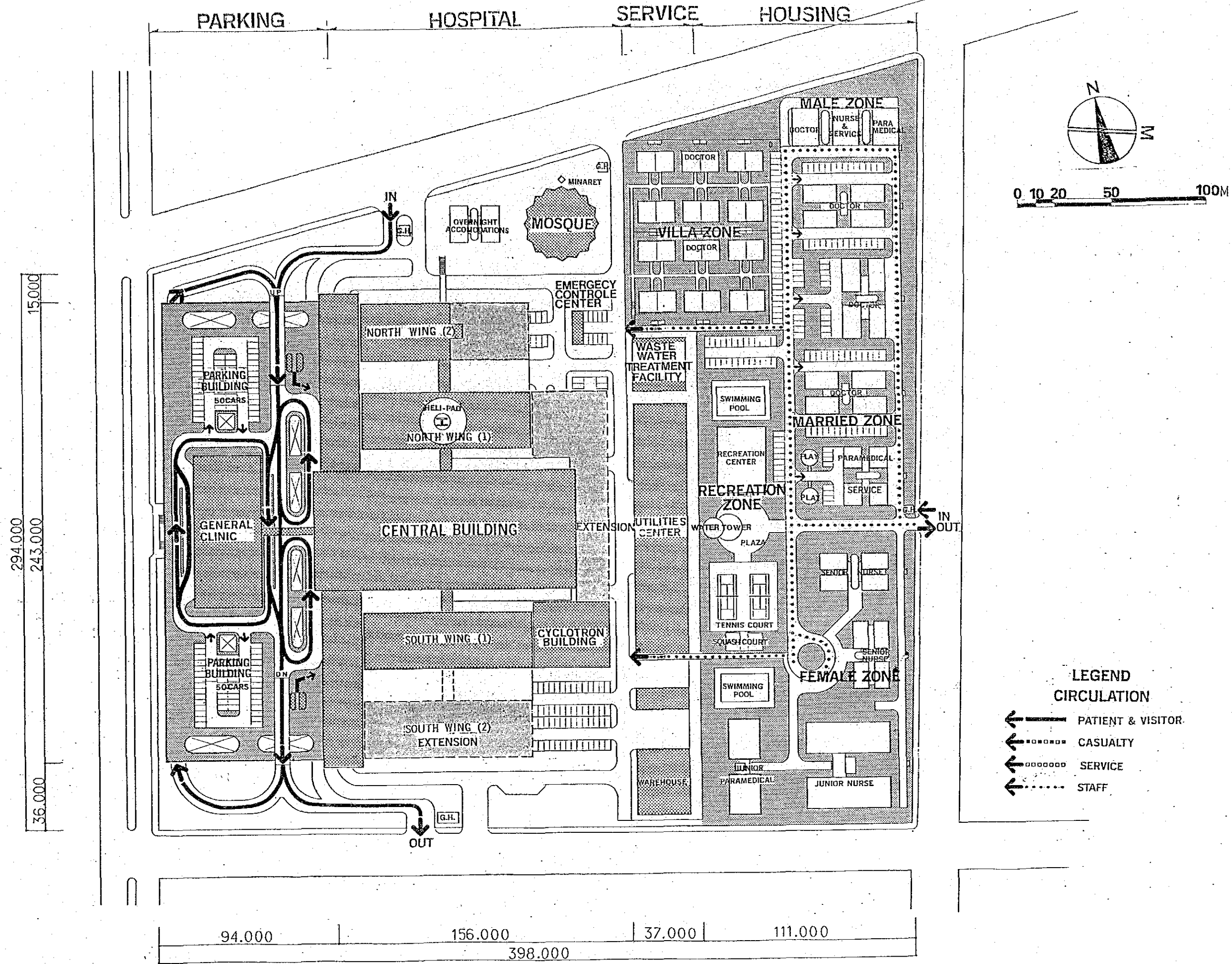
THE GENERAL HOSPITAL
ESTABLISHMENT PROJECT IN THE KINGDOM OF SAUDI ARABIA

BASIC DESIGN

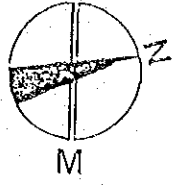
JAPAN INTERNATIONAL
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ARCHITECTURAL

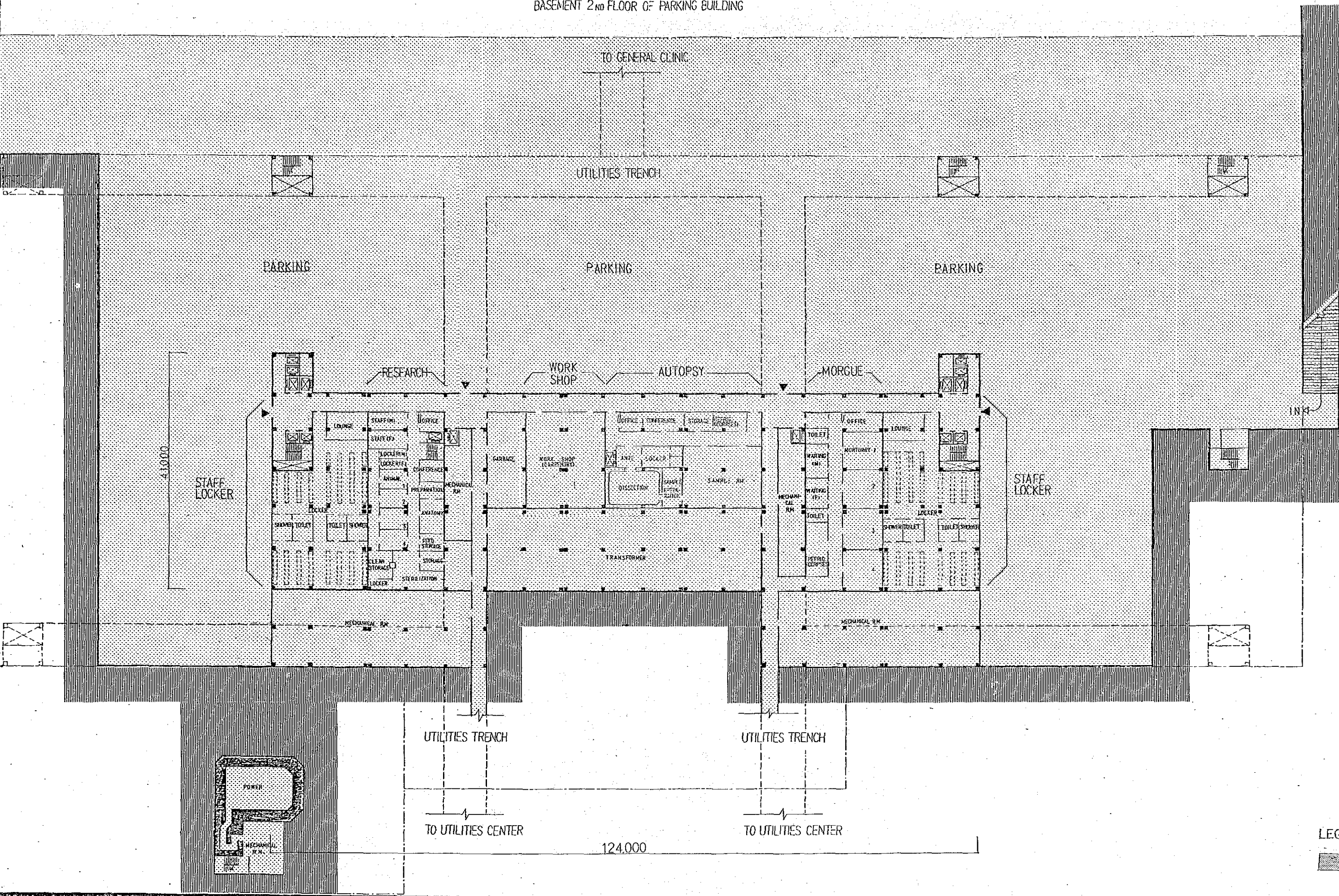
SITE PLAN 1st LEVEL



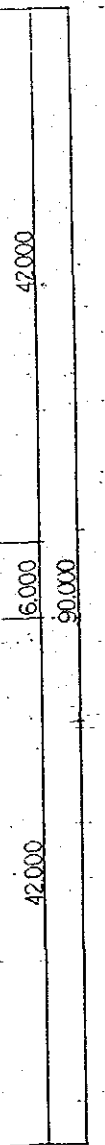
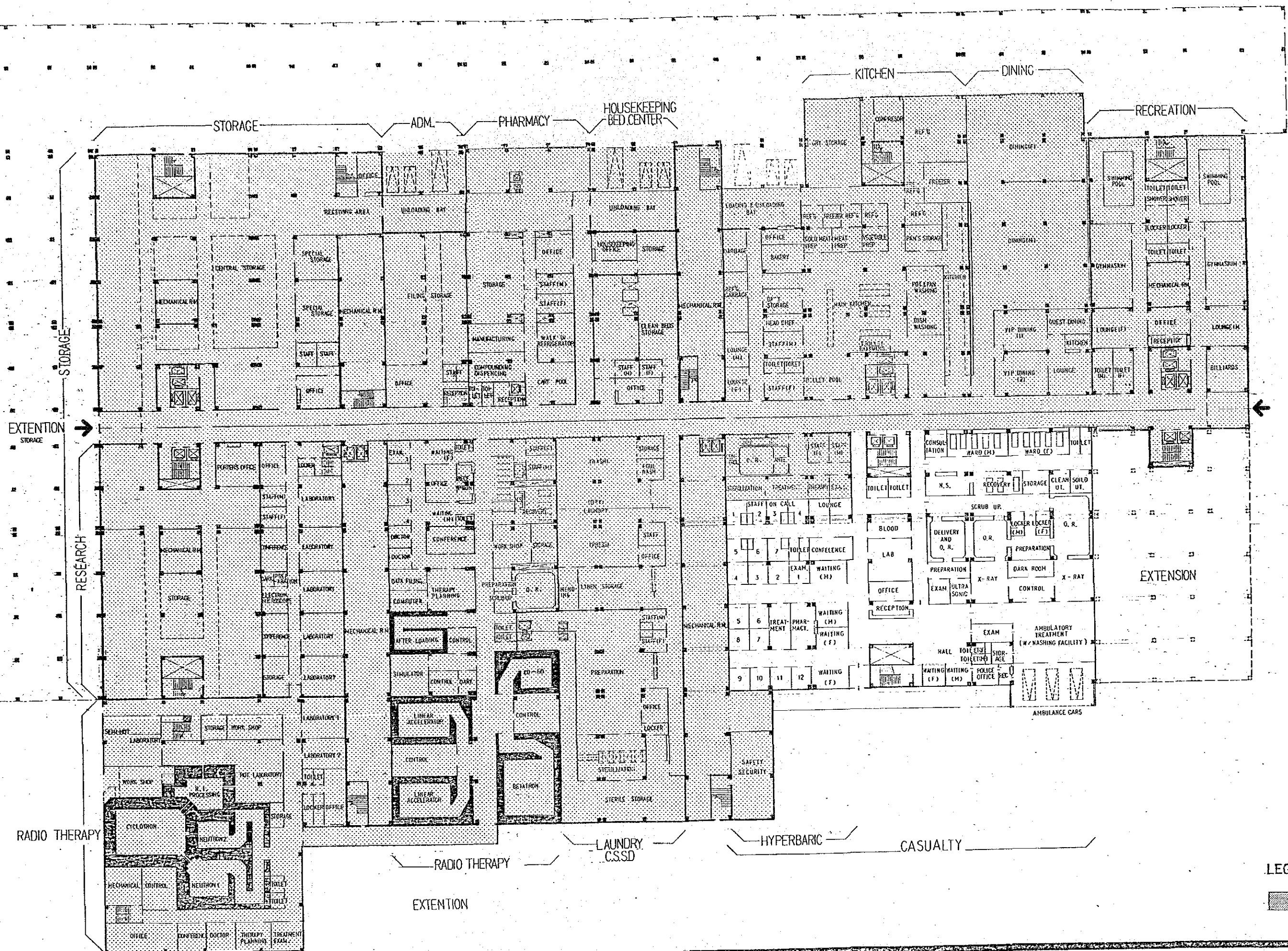
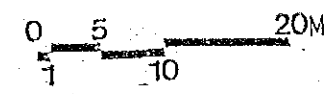
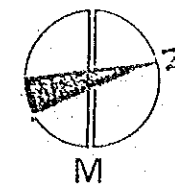
BASEMENT 2ND FLOOR OF PARKING BUILDING



0 5 10 20 M



LEGEND
 [Hatched Box] CANCER CENTER
 5



LEGEND
CANCER CENTER
6