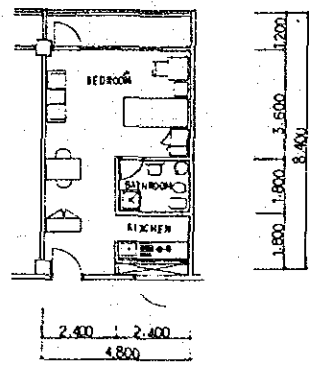
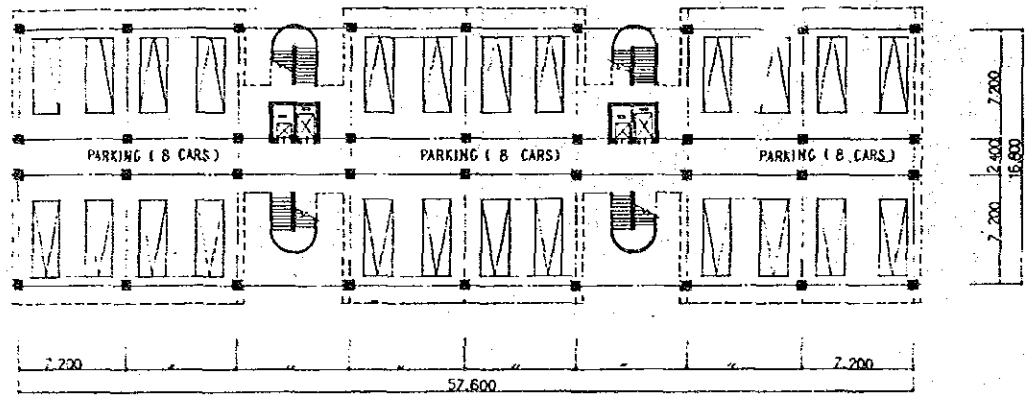
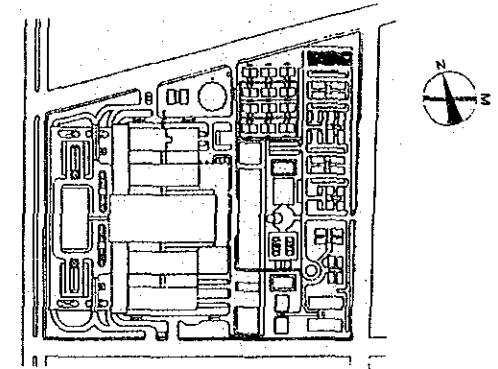


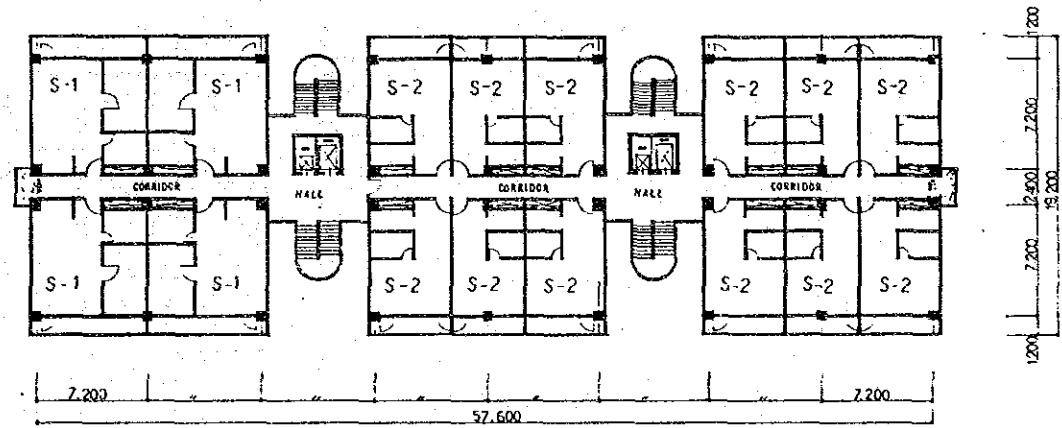
TYPE S-1 (1-BEDROOM APARTMENT)



TYPE S-2 (STUDIO APARTMENT)

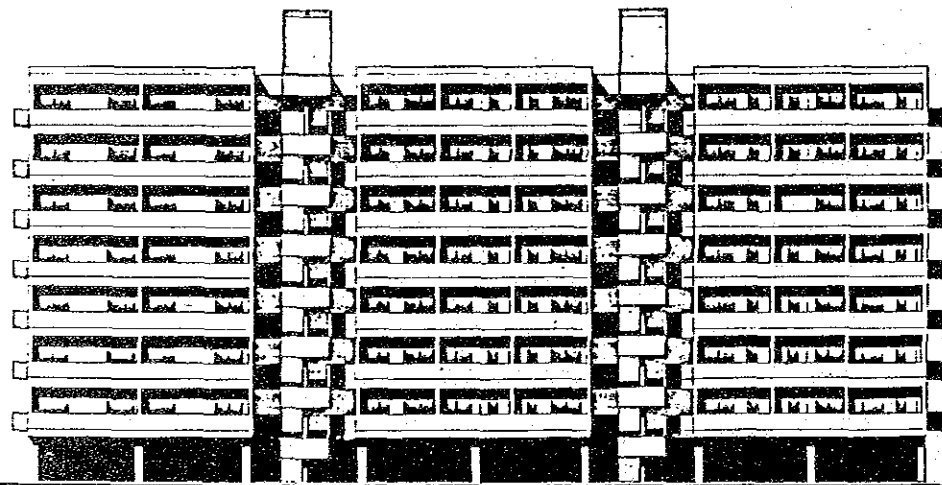


GROUND FLOOR PLAN

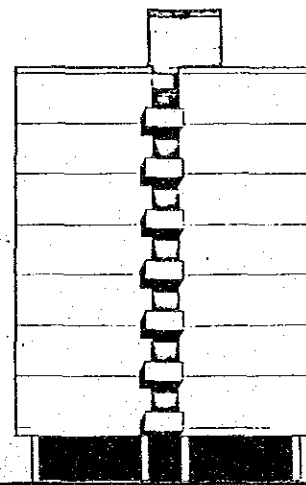


1ST - 7TH FLOOR PLAN

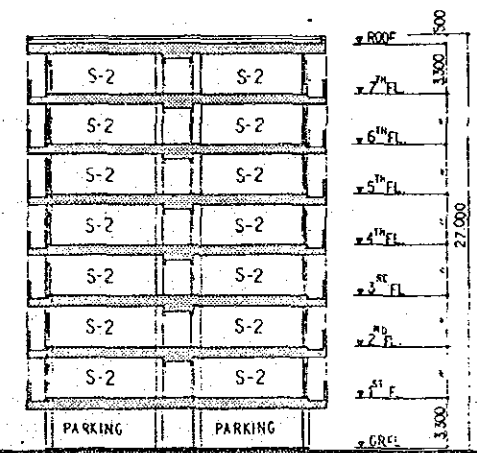
TYPE	NUMBER OF UNIT (UNITS)	FLOOR SPACE OF EACH UNIT (M ²)
S-1	26	605
S-2	84	405



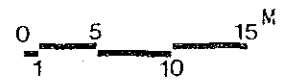
ELEVATION SOUTH

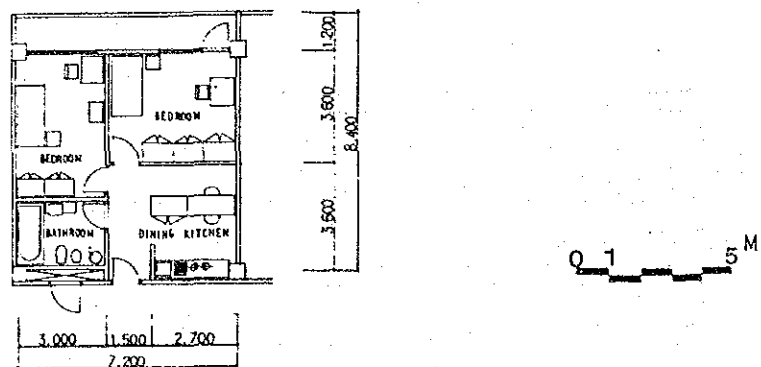


ELEVATION EAST

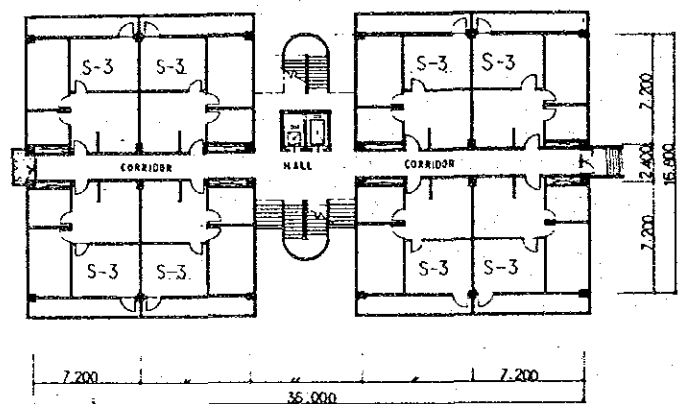
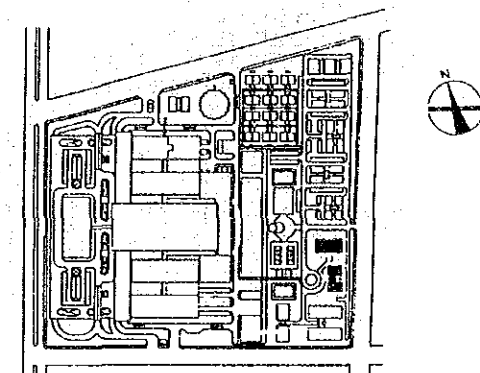


SECTION

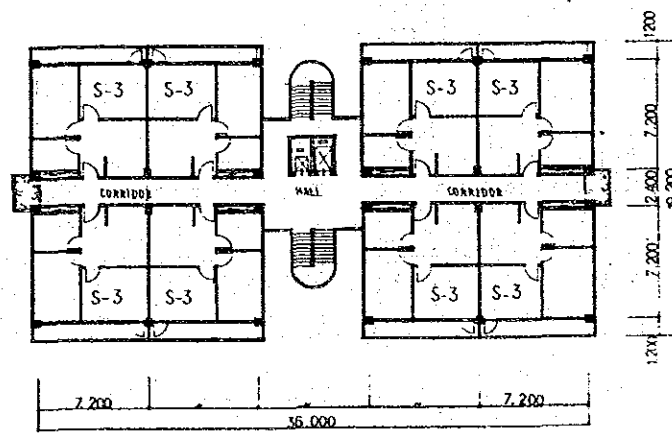




TYPE S-3 (2-BEDROOM APARTMENT) FOR NURSE

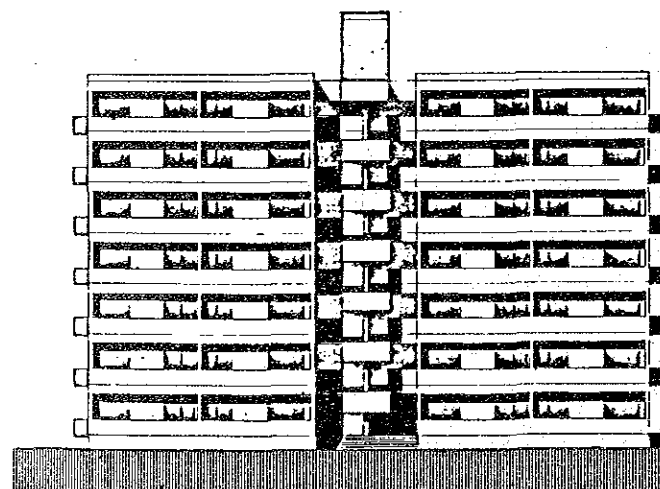


GROUND FLOOR PLAN

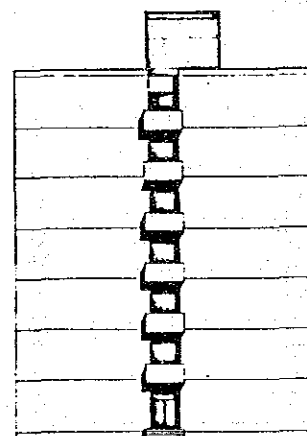


1ST - 6TH FLOOR PLAN

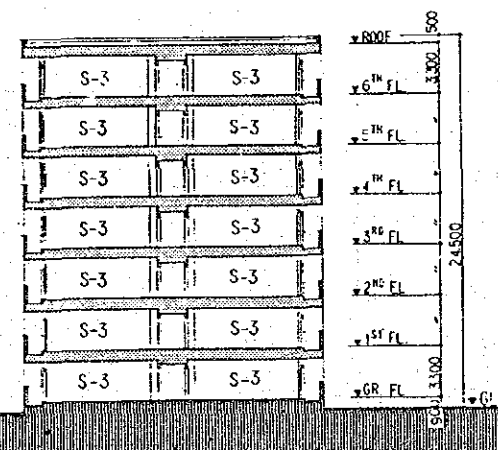
TYPE	NUMBER OF UNIT (UNITS)	FLOOR SPACE OF EACH UNIT (M ²)
S-3	112	605



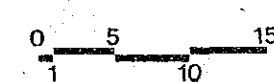
ELEVATION SOUTH

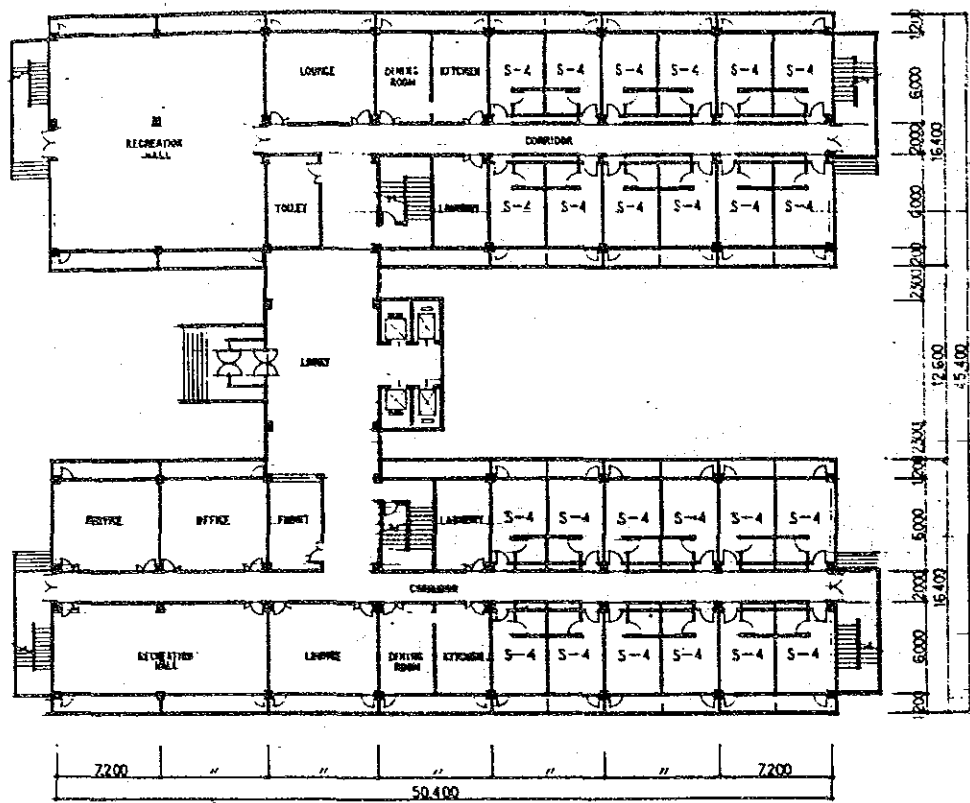


ELEVATION EAST

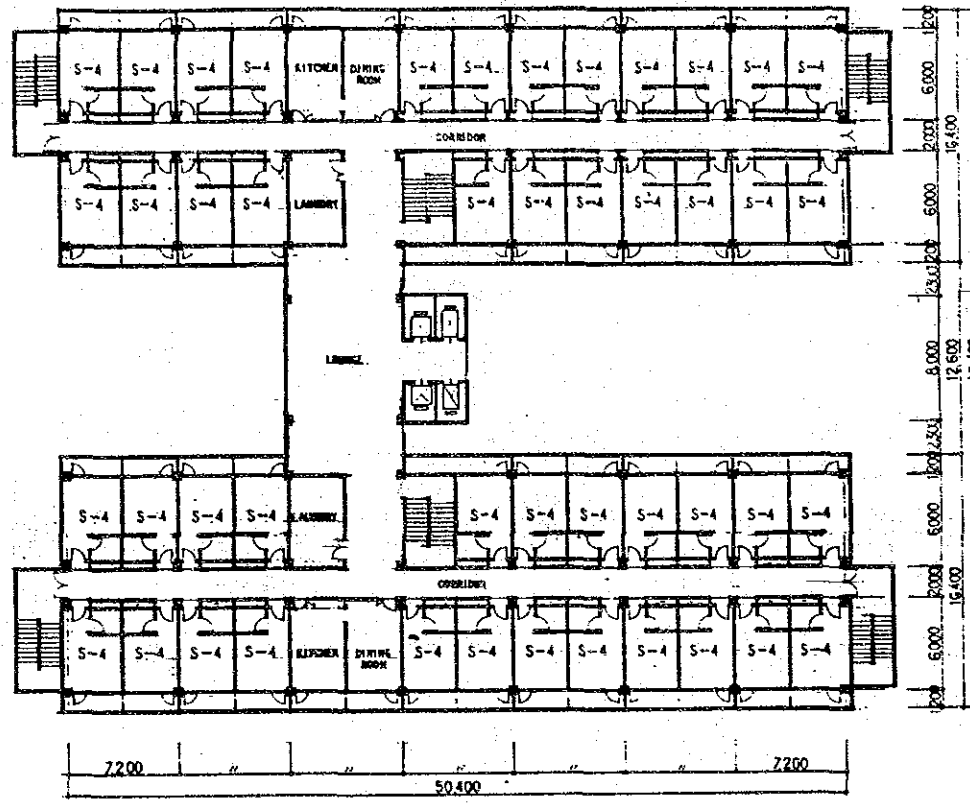


SECTION

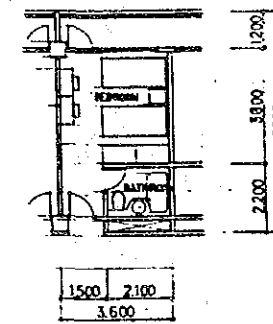
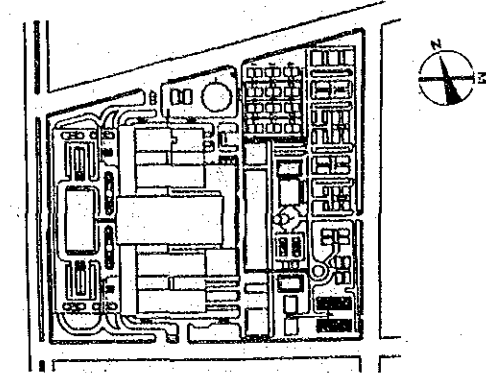




GROUND FLOOR PLAN

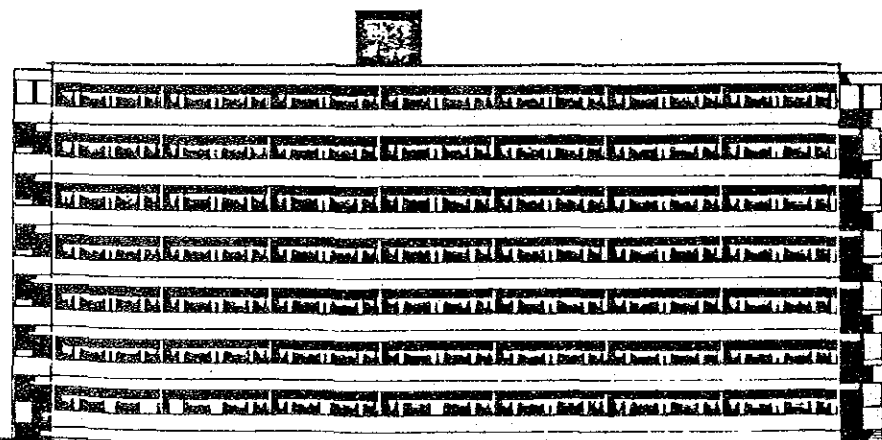


1ST-5TH FLOOR PLAN

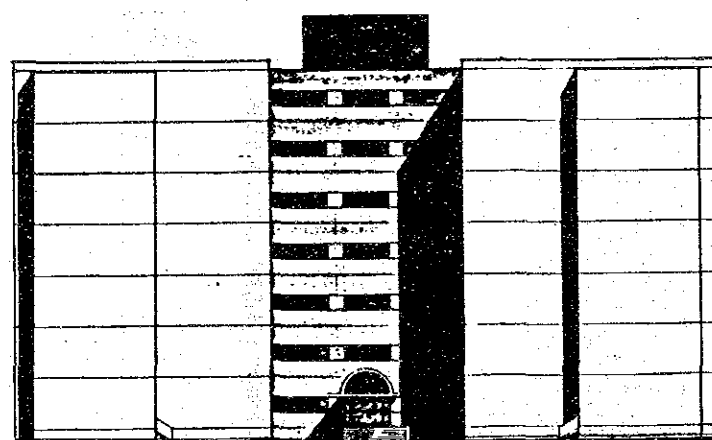


TYPE	NUMBER OF UNIT (UNITS)	FLOOR SPACE OF EACH UNIT (M ²)
S-4	300	216

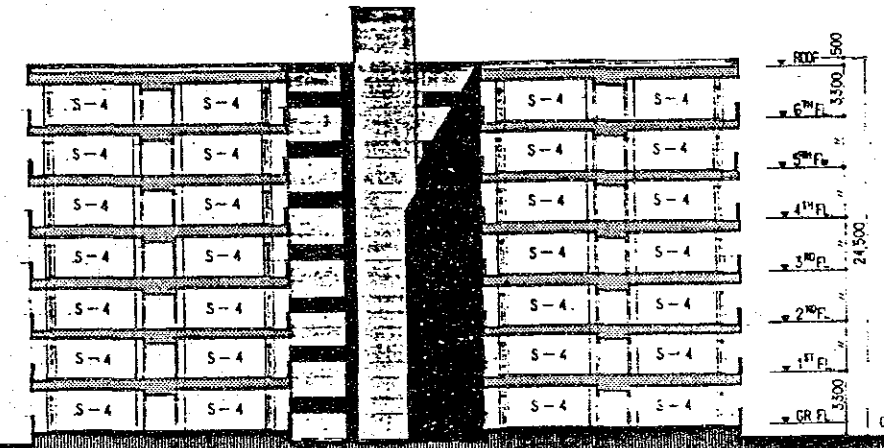
TYPE S-4 (2-BED APARTMENT)
0 1 5M



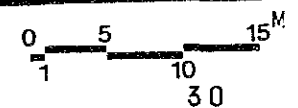
ELEVATION SOUTH

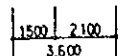
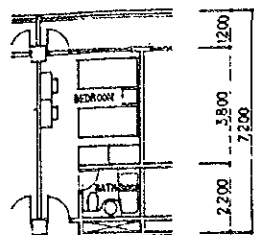


ELEVATION WEST

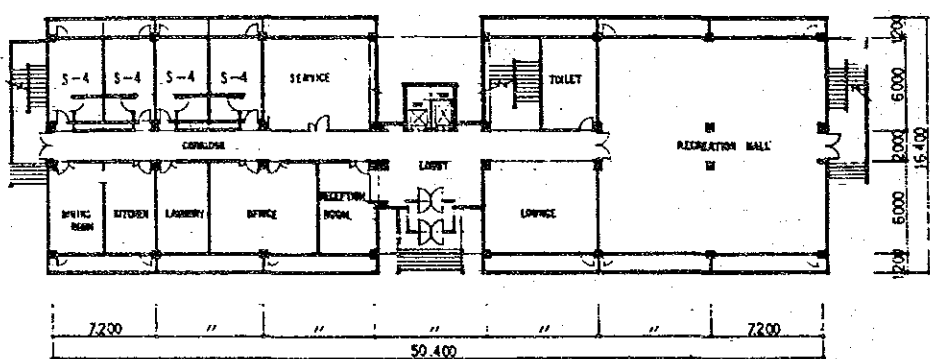
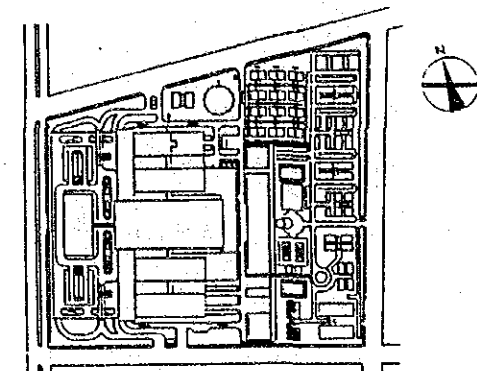


SECTION

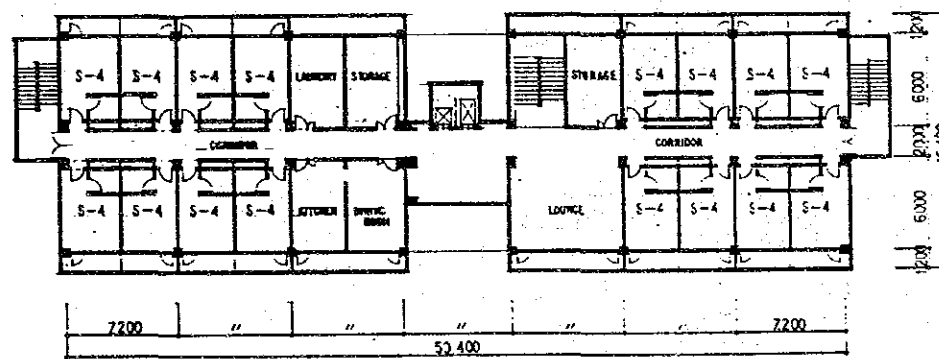




TYPE S-4 (2-BED APARTMENT)

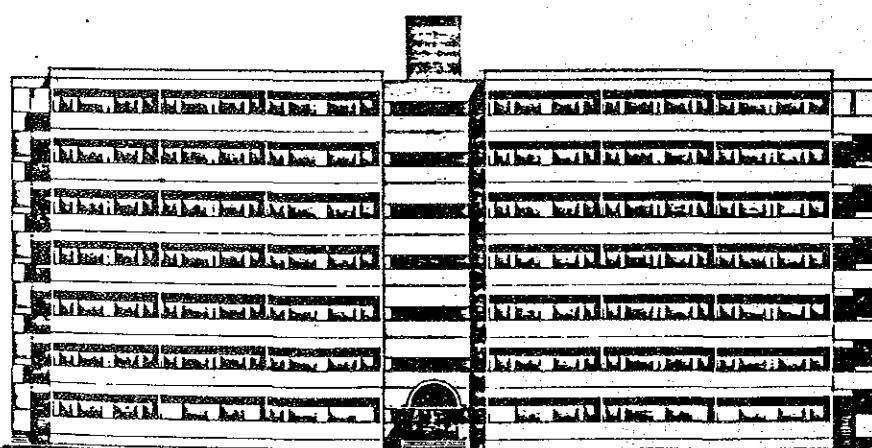


GROUND FLOOR PLAN

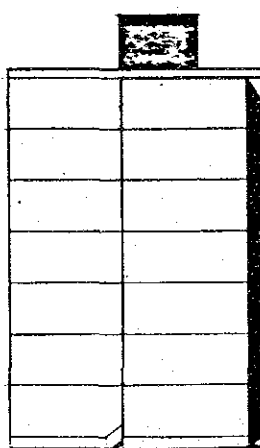


1ST-6TH FLOOR PLAN

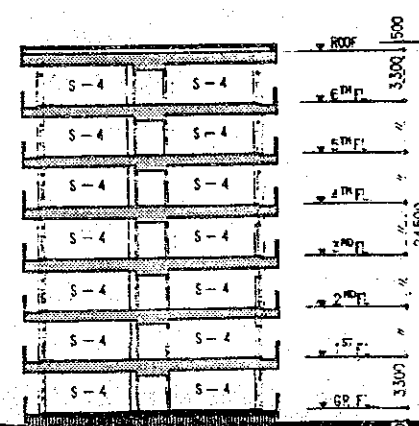
TYPE	NUMBER OF UNIT (UNITS)	FLOOR SPACE OF EACH UNIT (M ²)
S-4	100	215



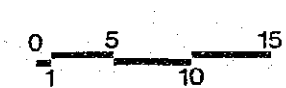
ELEVATION EAST



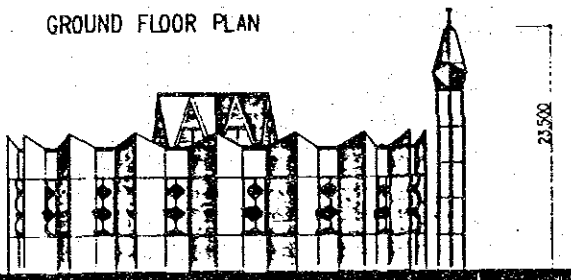
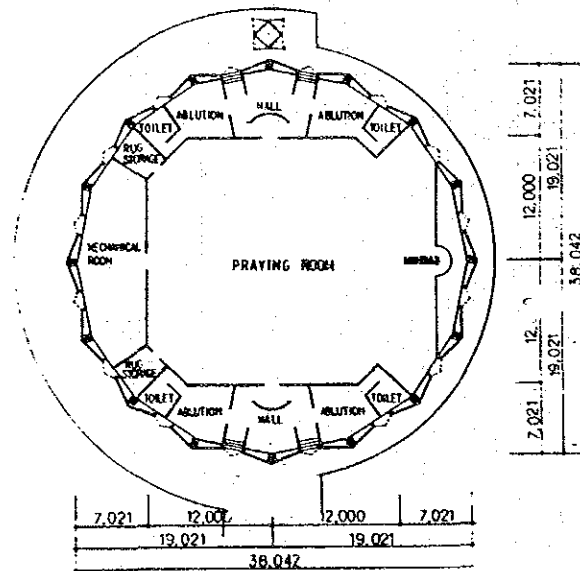
ELEVATION NORTH



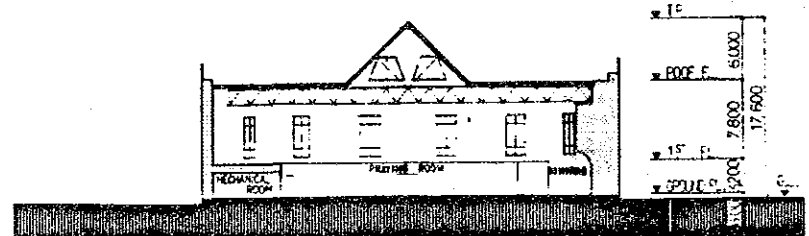
SECTION



MOSQUE

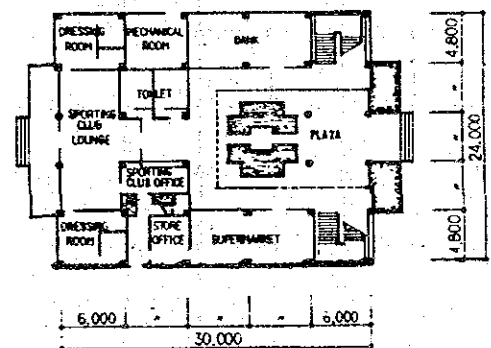
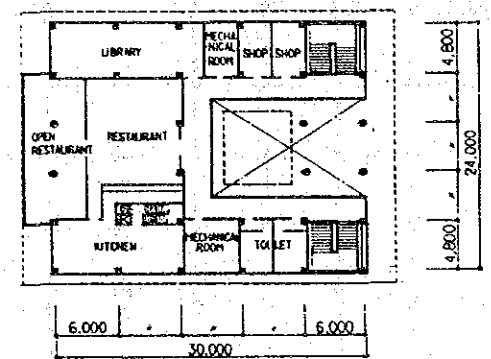


ELEVATION EAST

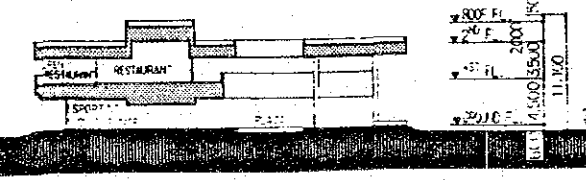


SECTION

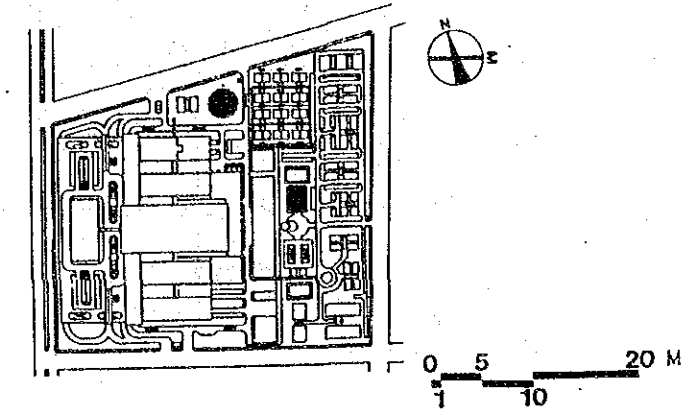
RECREATION CENTER



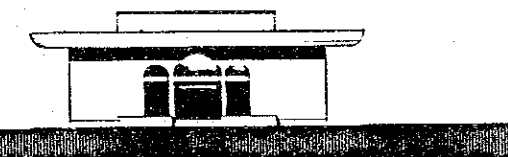
GROUND FLOOR PLAN



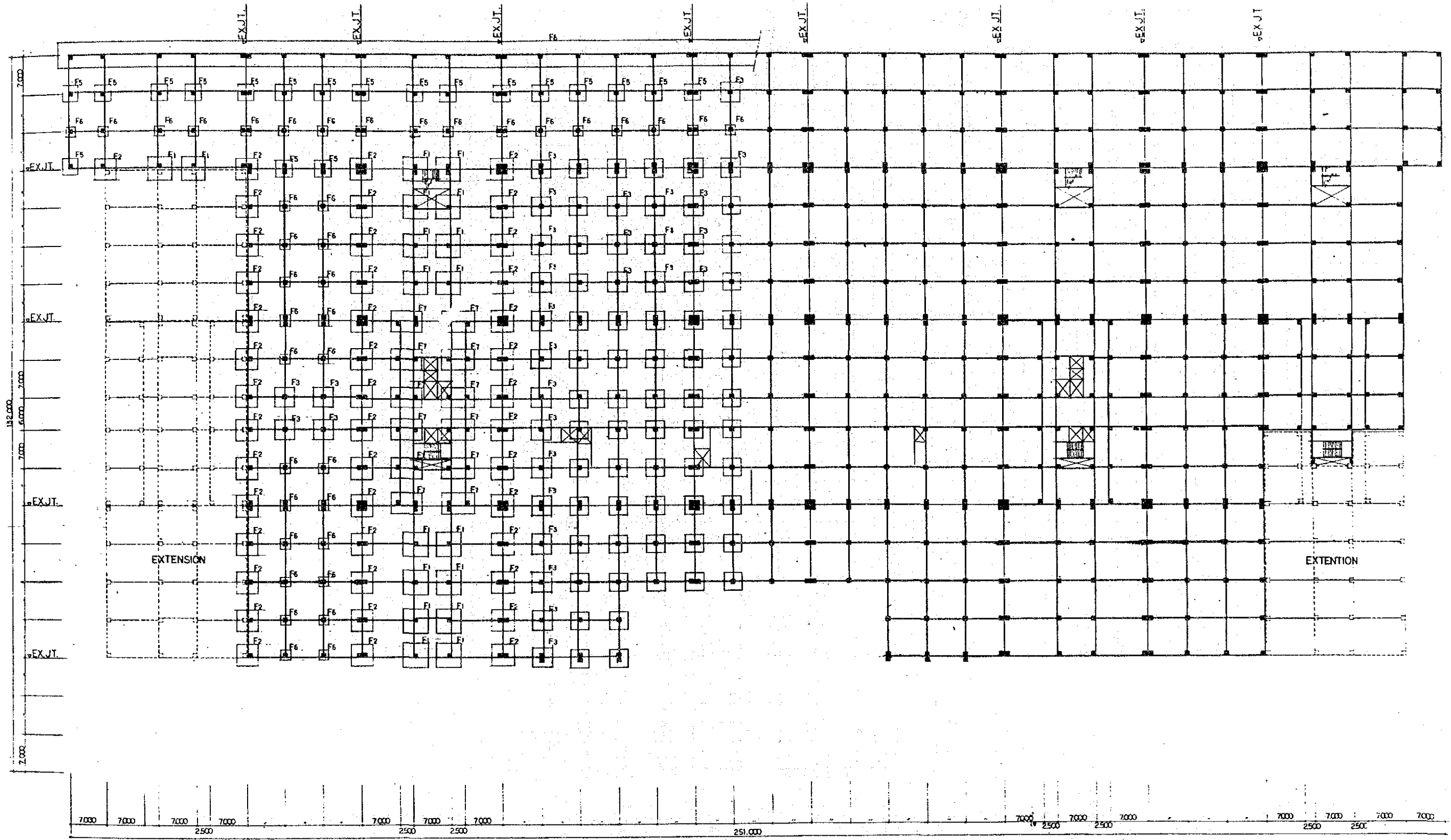
SECTION

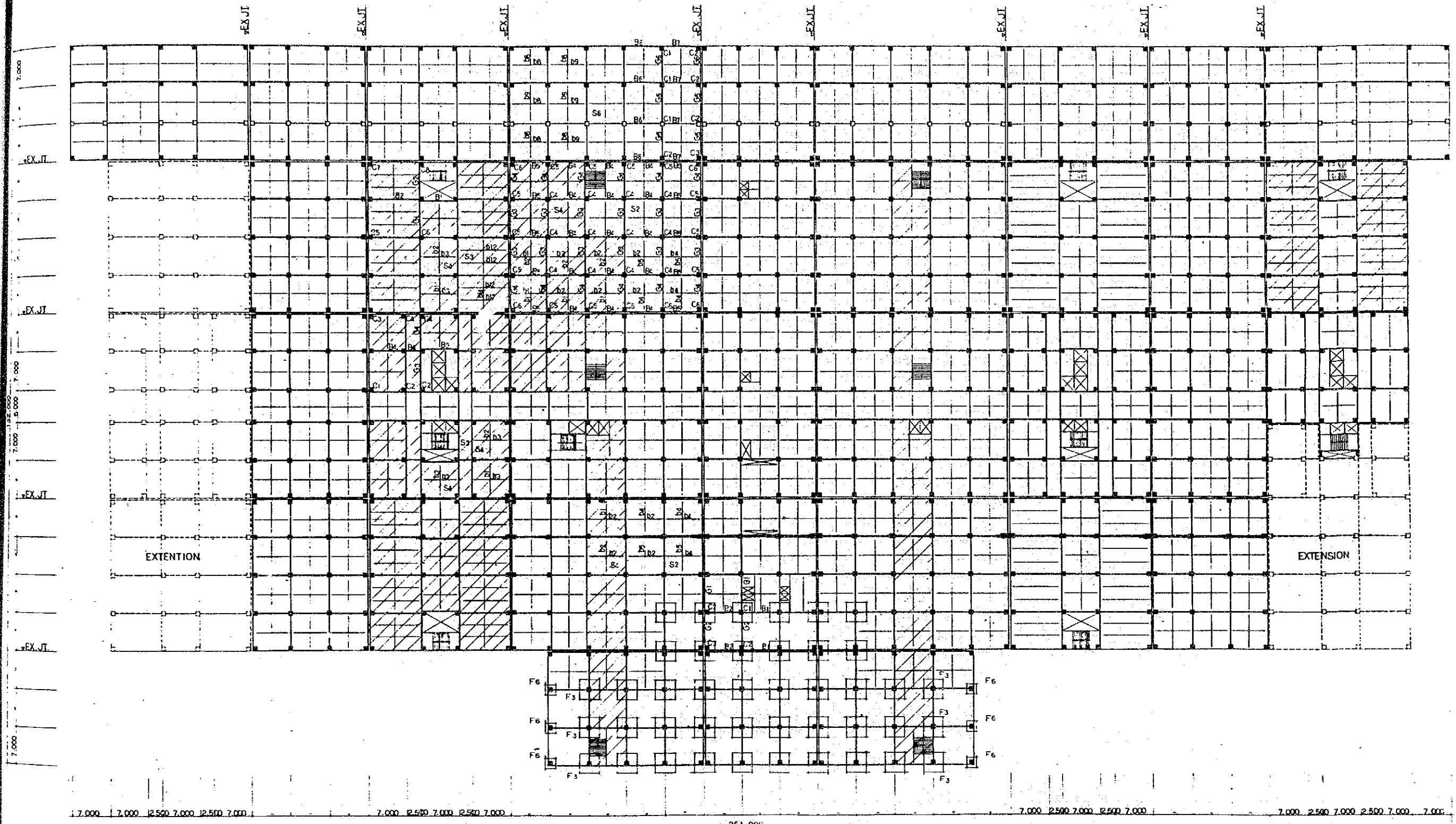



ELEVATION WEST

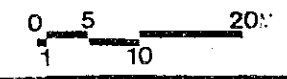


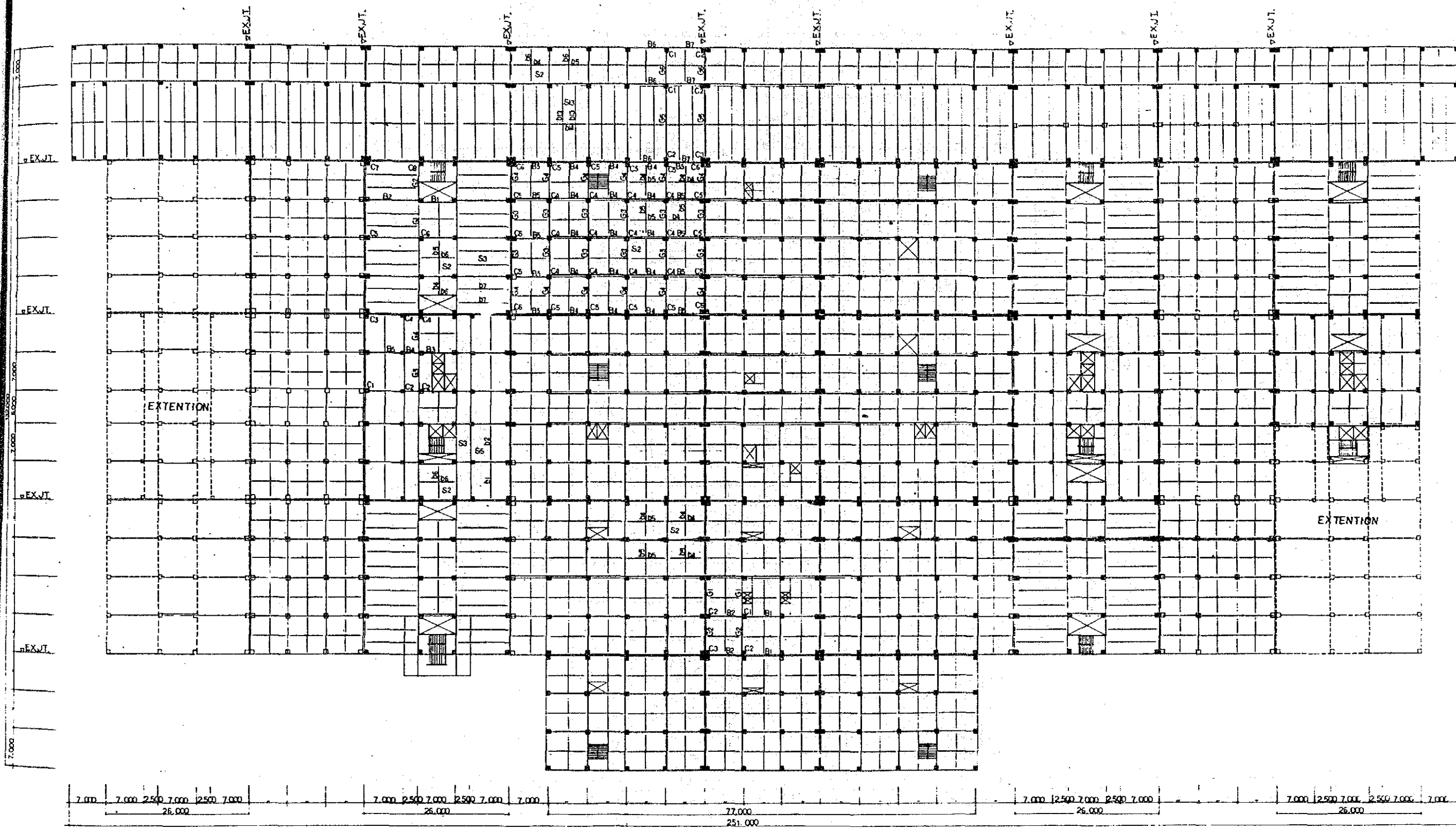
ELEVATION SOUTH

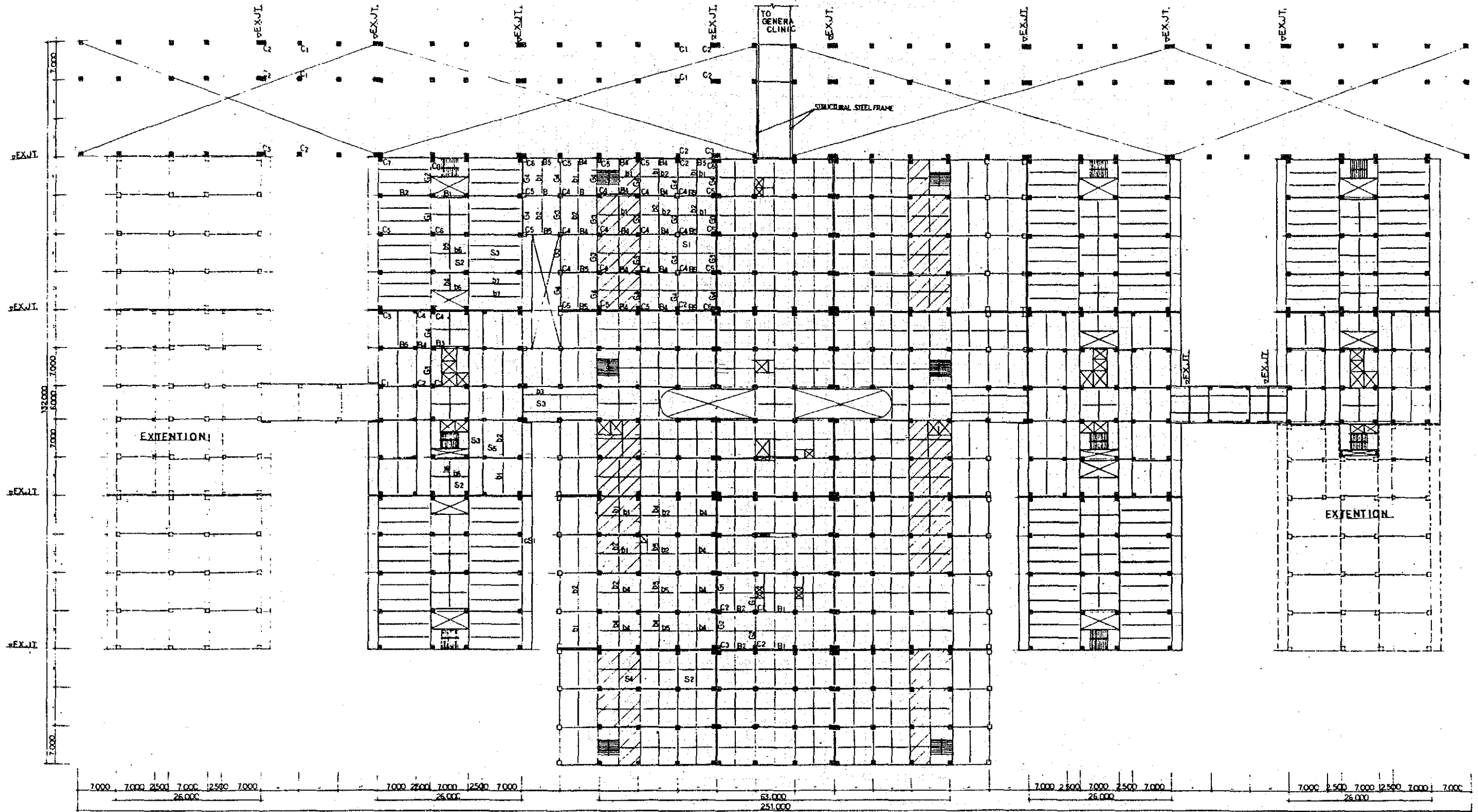




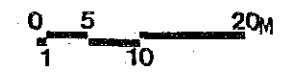
NOTE:  UTILITY, STORAGE and RECREATION AREA

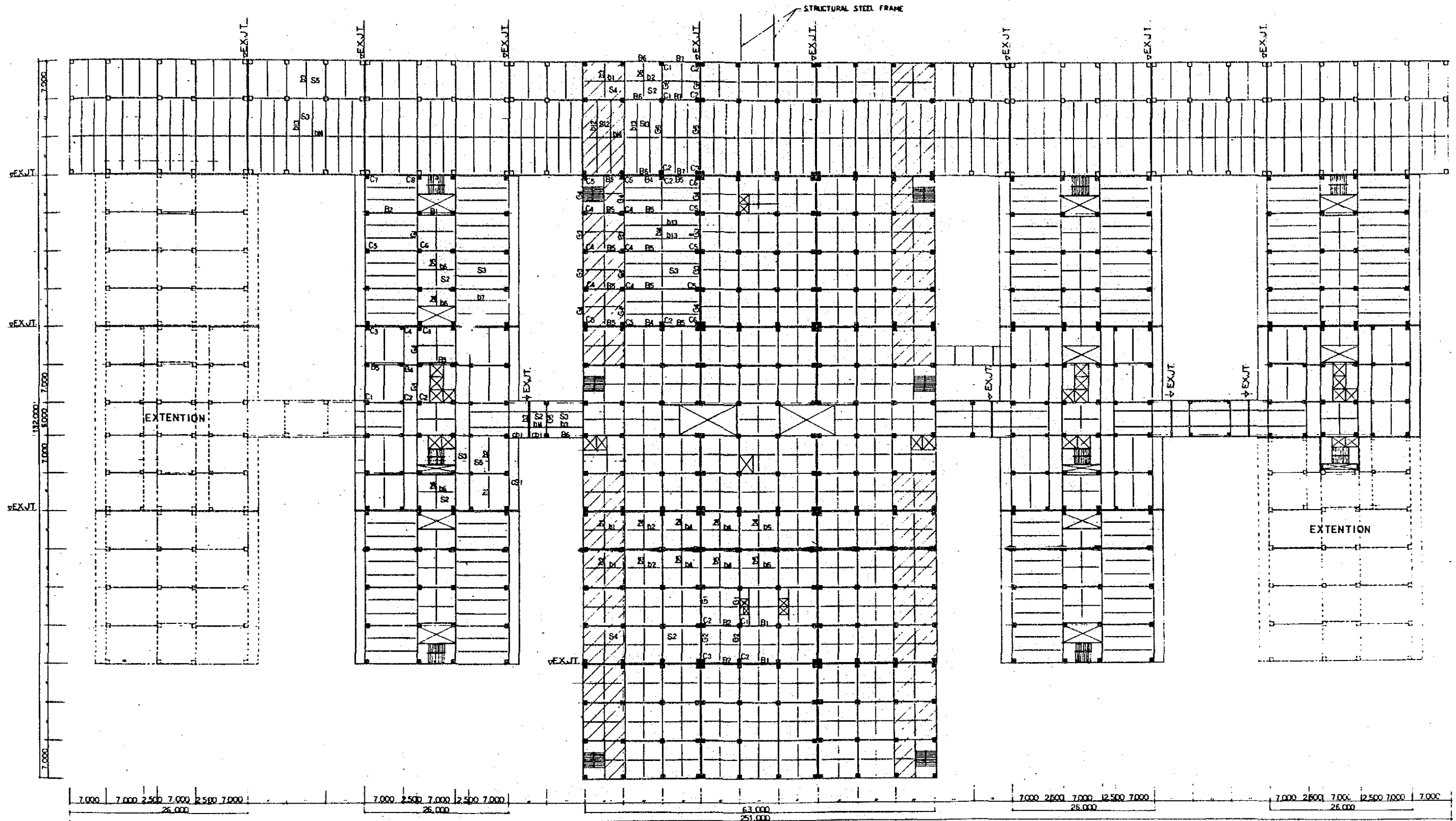







NOTE: UTILITY AREA





NOTE  UTILITY AREA

0 5 20M
1 10 37

THE NATIONAL CANCER CENTER
ESTABLISHMENT PROJECT IN THE KINGDOM OF SAUDI ARABIA

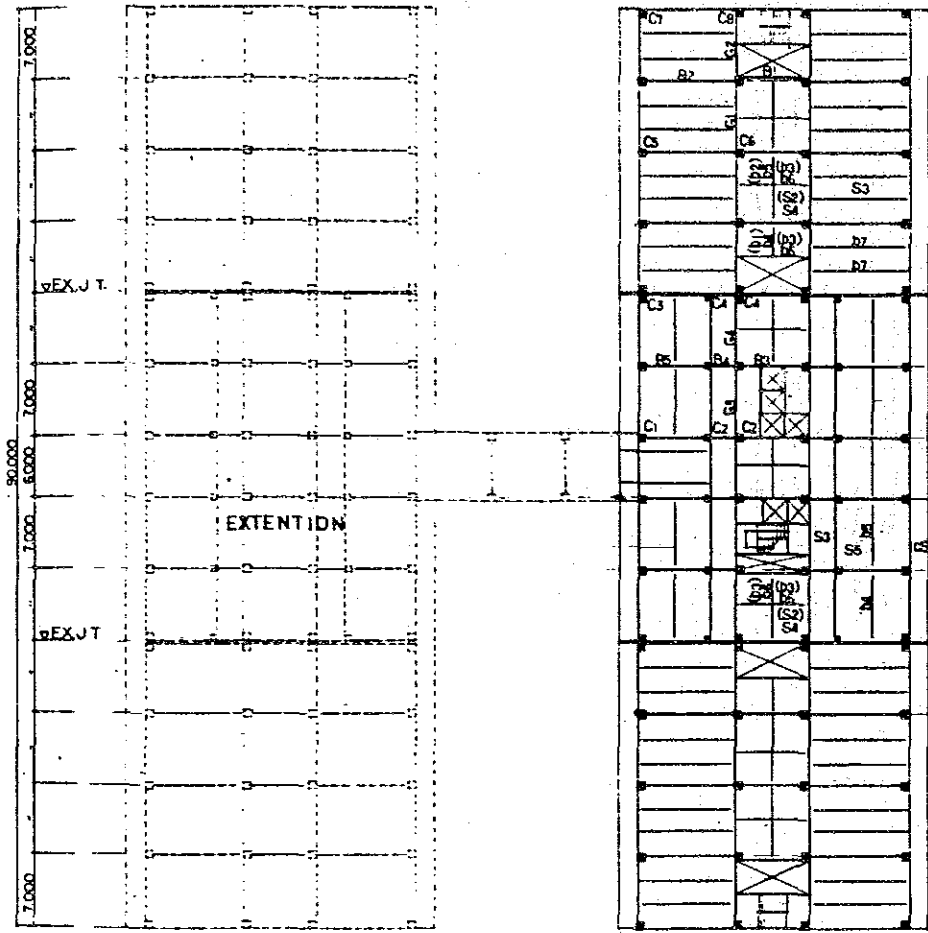
BASIC DESIGN

JAPAN INTERNATIONAL
COOPERATION AGENCY

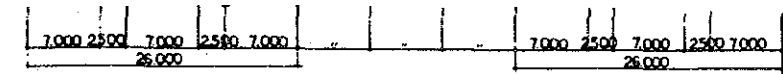
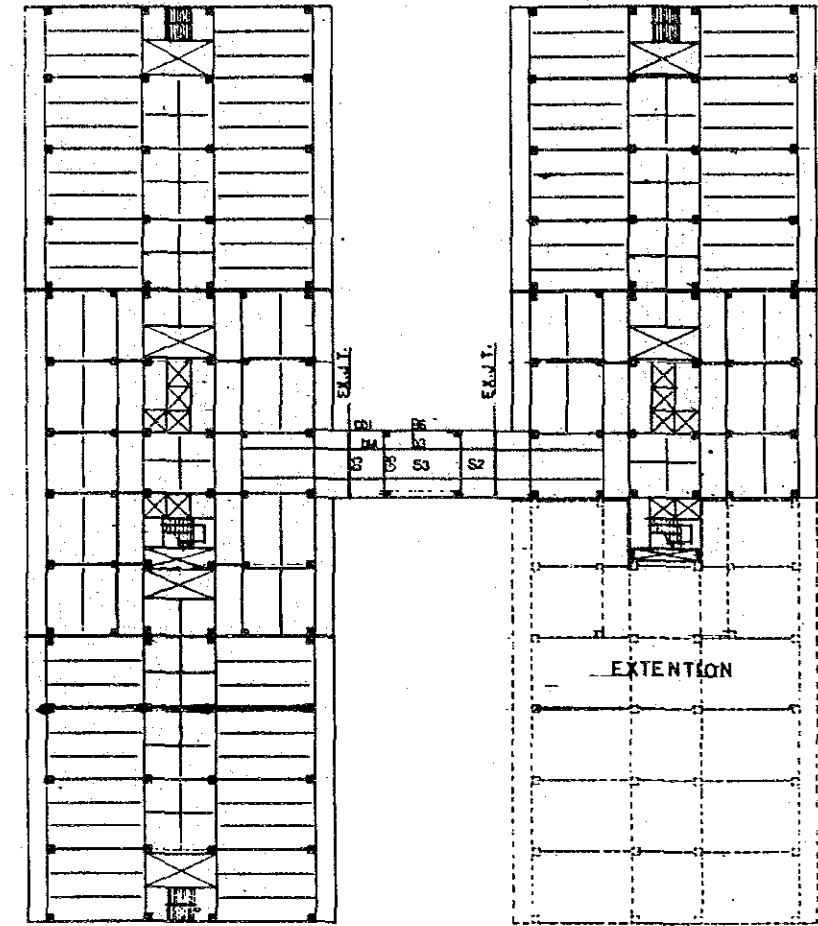
STRUCTURAL

HOSPITAL 3rd FLOOR FRAMING PLAN

05

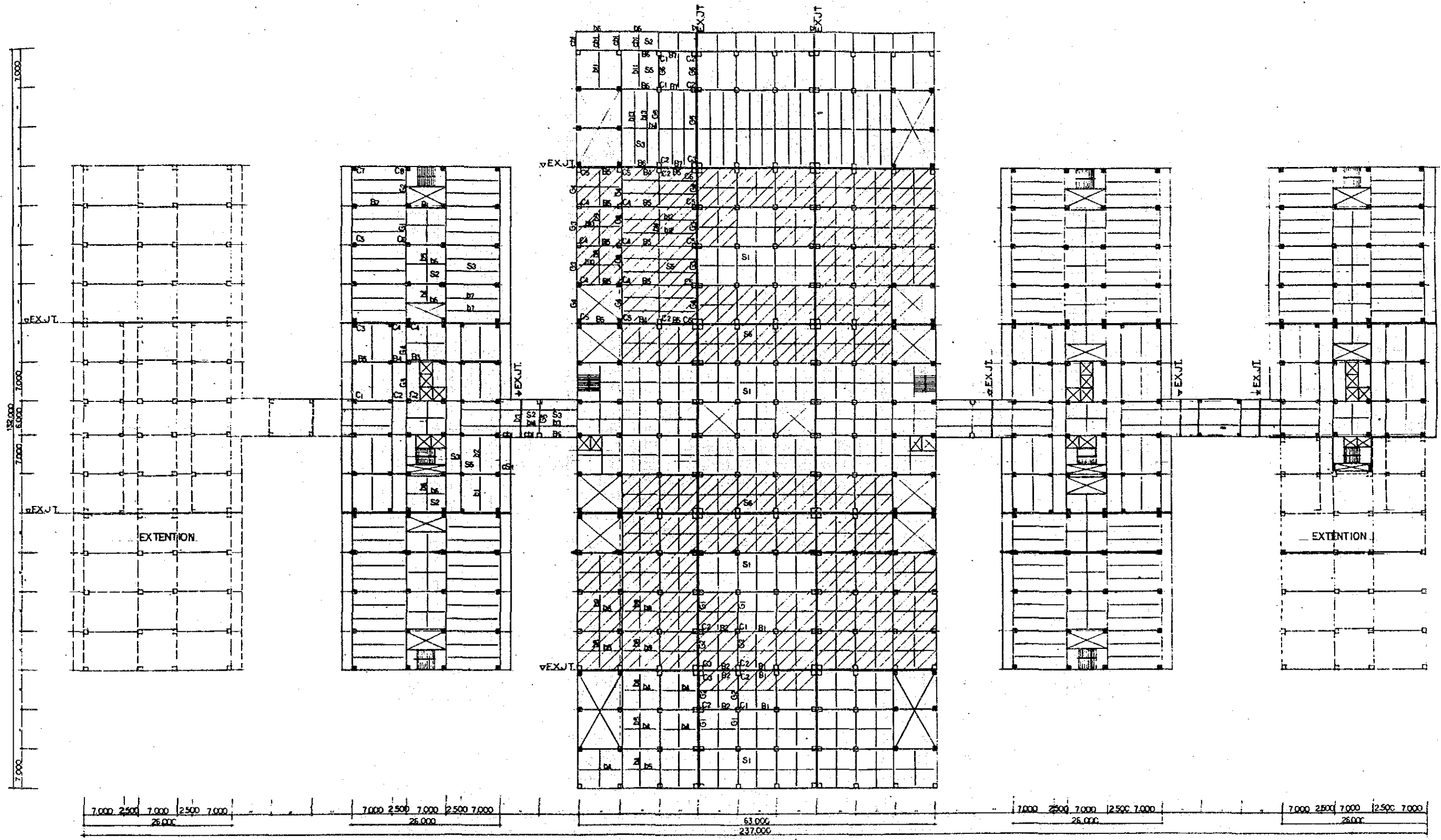



NOTE: () — MEMBER NAME ON PENTHOUSE FLOOR ONLY

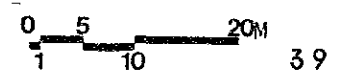


237,000





NOTE :  — ROOF GARDEN AREA



THE NATIONAL CANCER CENTER
ESTABLISHMENT PROJECT IN THE KINGDOM OF SAUDI ARABIA

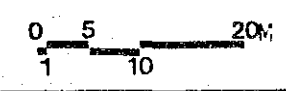
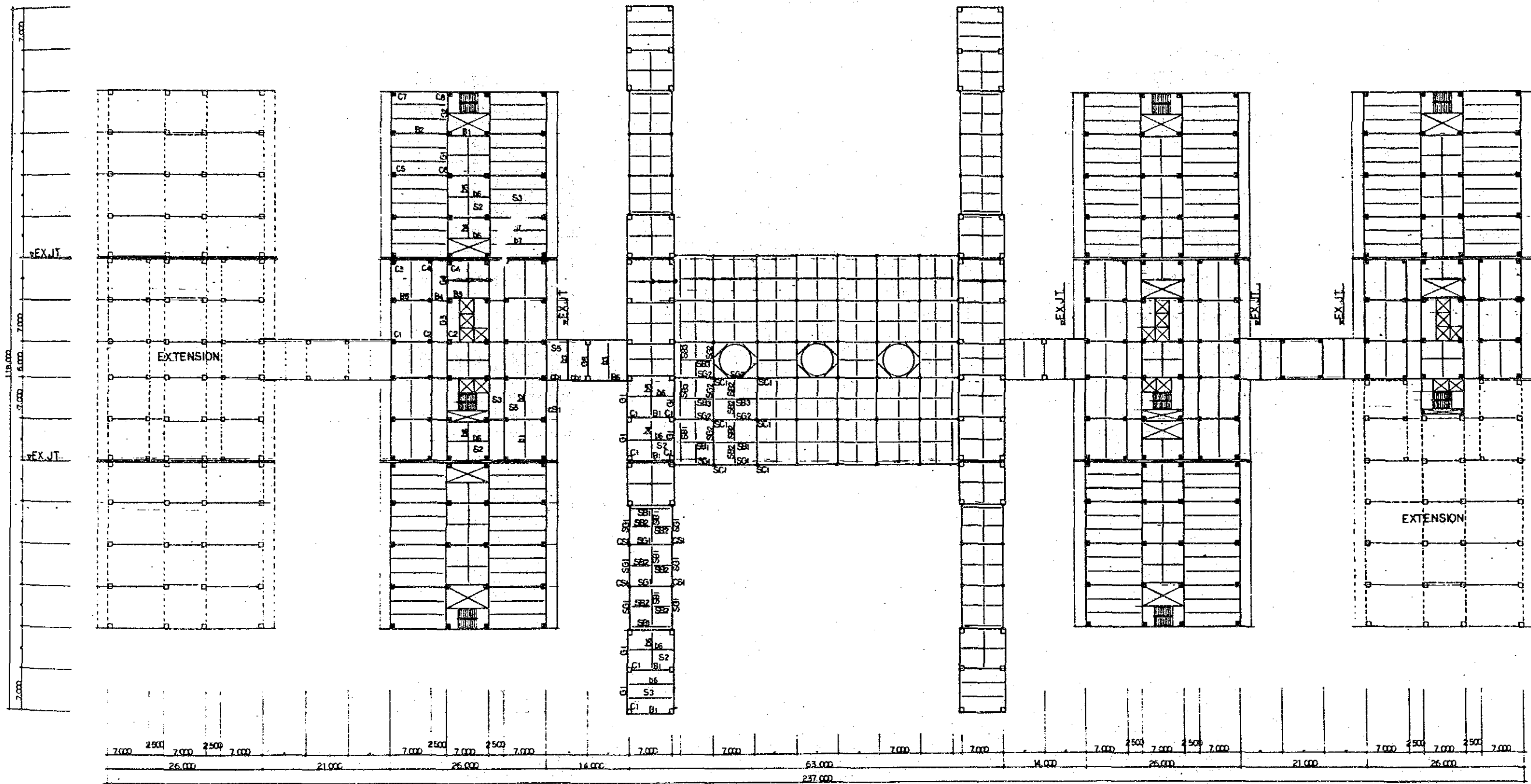
BASIC DESIGN

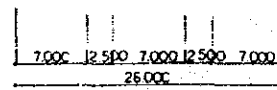
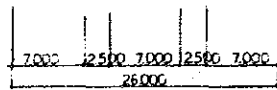
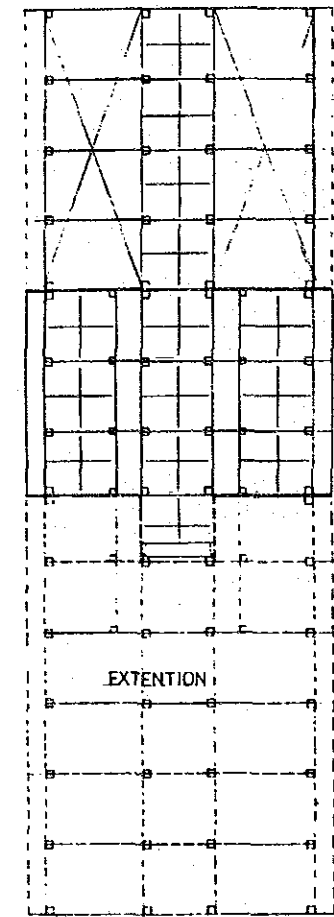
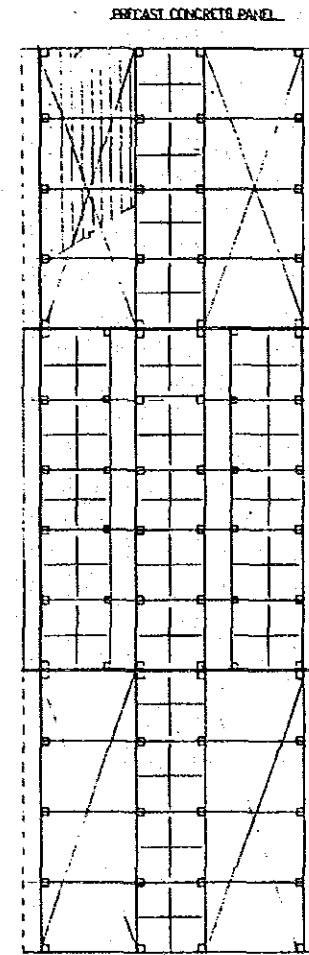
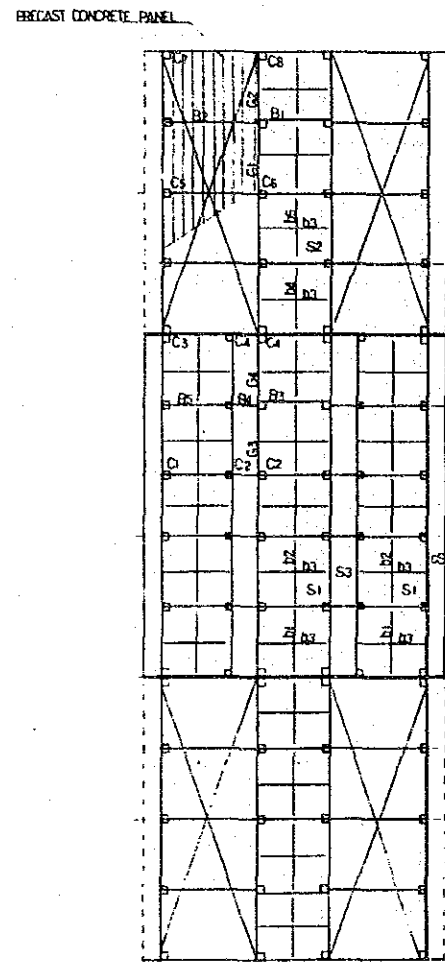
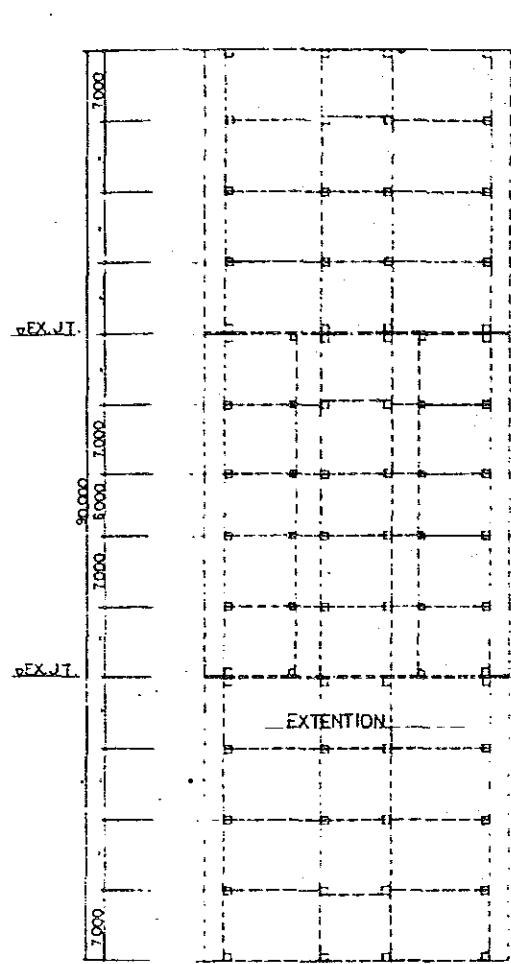
JAPAN INTERNATIONAL
COOPERATION AGENCY

STRUCTURAL

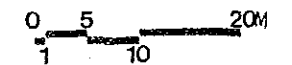
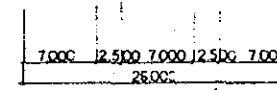
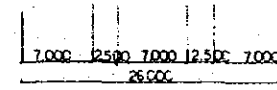
HOSPITAL 5th FLOOR FRAMING PLAN

07





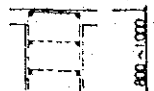
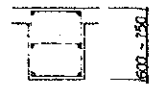
237.000



GIRDER

[B]

REMARKS



SUPPLEMENTARY-2-4

SUPPLEMENTARY-4-4

SUPPLEMENTARY-6-4

SUPPLEMENTARY TIE-3-600

BEAM

[B]

CENTRAL AND CORRIDOR BUILDING

MARKS	G1 B1		G2 B2		G3 G4		G5 G6		B4 B5		B6 B7	
	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR
POSITION	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR
B x D	450 x 650		450 x 650		600 x 900		500 x 1100		600 x 900		500 x 800	
TOP BARS	10-#8	5-#8	5-#8	5-#8	9-#8	7-#8	4-#8	4-#8	7-#8	7-#8	4-#8	8-#8
BOTT BARS	6-#8	6-#8	3-#8	9-#8	5-#8	7-#8	4-#8	3-#8	7-#8	5-#8	5-#8	
STIRRUPS	*4 #100		*4 #100		*4 #90		*4 #120		*4 #120		*4 #100	

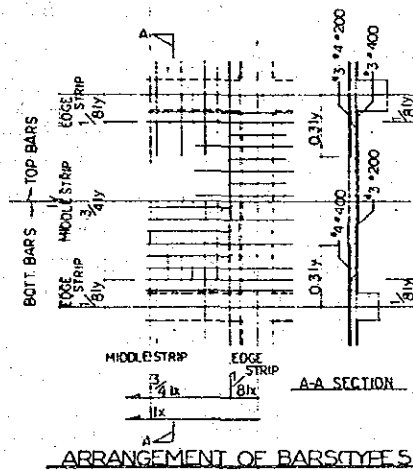
CENTRAL, CORRIDOR AND SOUTH, NORTH WING BUILDING

MARKS	b1		b2		b3		b4		b5		b6		b7		b8		b9		b10	
	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR
POSITION	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR
B x D	400 x 500		400 x 500		400 x 500		400 x 500		400 x 500		400 x 500		400 x 500		400 x 500		400 x 500		400 x 500	
TOP BARS	5-#8	3-#8	5-#8	5-#8	3-#8	3-#8	3-#8	3-#8	3-#8	3-#8	4-#8	2-#8	2-#8	3-#8	4-#8	4-#8	3-#8	3-#8	3-#8	3-#8
BOTT BARS	2-#8	4-#8	3-#8	3-#8	3-#8	3-#8	3-#8	5-#8	2-#8	3-#8	3-#8	3-#8	2-#8	4-#8	7-#8	7-#8	3-#8	3-#8	3-#8	5-#8
STIRRUPS	*3 #250		*3 #250		*3 #250		*3 #250		*3 #250		*3 #250		*3 #250		*3 #250		*3 #250		*3 #250	

SOUTH-WING AND NORTH-WING BUILDING

MARKS	G1		G2		G3		G4		B1		B2		B3		B4		B5	
	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR
POSITION	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR
B x D	350 x 500		350 x 500		450 x 600		450 x 600		400 x 500		400 x 500		500 x 600		450 x 450		500 x 600	
TOP BARS	4-#8	3-#8	4-#8	3-#8	4-#8	3-#8	5-#8	3-#8	5-#8	3-#8	3-#8	3-#8	5-#8	3-#8	4-#8	3-#8	4-#8	5-#8
BOTT BARS	3-#8	4-#8	3-#8	4-#8	3-#8	3-#8	3-#8	4-#8	3-#8	3-#8	3-#8	3-#8	3-#8	3-#8	3-#8	3-#8	3-#8	3-#8
STIRRUPS	*3 #200		*3 #200		*3 #200		*3 #200		*3 #200		*3 #200		*3 #200		*3 #200		*3 #200	

MARKS	G5
POSITION	END CTR
B x D	450 x 600
TOP BARS	3-#8
BOTT BARS	3-#8
STIRRUPS	*3 #200



SLAB

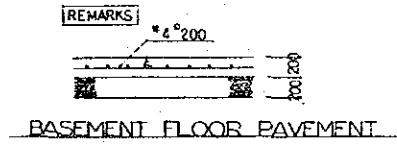
CENTRAL, CORRIDOR AND S.N WING BUILDING

MARKS	THICKNESS	TOP OF BOIT	MAIN BARS DIRECTION		DISTRIBUTING BARS DIRECTION		REMARKS
			MIDDLE STRIPS	EDGE STRIPS	MIDDLE STRIPS	EDGE STRIPS	
S1	150	TOP	*3 #400	*4 #400	*3 #250	*3 #400	*3 #250
S2	150	TOP	*4 #150	*4 #300	*3 #200	*4 #150	*4 #300
S3	150	TOP	*3 #400	*3 #400	*3 #250	*3 #400	*3 #250
S4	150	TOP	*4 #150	*4 #300	*3 #200	*4 #150	*4 #300
S5	150	TOP	*3 #400	*3 #400	*3 #250	*3 #400	*3 #250
S6	150	TOP	*3 #400	*3 #400	*3 #250	*3 #400	*3 #250
S7	150	TOP	*3 #400	*3 #400	*3 #250	*3 #400	*3 #250
S8	150	TOP	*3 #400	*3 #400	*3 #250	*3 #400	*3 #250
CS1	ROOT END 200	TOP	ROOT	*3 #400	FRONT	*3 #200	*3 #200

FOUNDATION GIRDER

CENTRAL, CORRIDOR AND S.N WING BUILDING

MARKS	FOI, FBI
POSITION	END CTR
E x D	350 x 800
TOP BARS	4-#8
BOTT BARS	4-#8
STIRRUPS	*3 #200



COLUMN

CENTRAL BUILDING						
MARKS	C1	C2	C3	C4	C5	C6
3FL (4FL)						
BARS	12-#8	12-#8	12-#8	12-#8	28-#8	20-#8
HOOPS	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100
2FL						
BARS	12-#8	12-#8	12-#8	12-#8	20-#8	16-#8
HOOPS	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100
1FL GFL BFL						
BARS	16-#8	16-#8	16-#8	28-#8	12-#8	14-#8
HOOP	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100

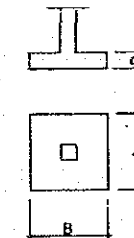
CORRIDOR BUILDING	
MARKS	C1
3FL	
BARS	12-#8
HOOPS	#3 #100
2FL 1FL GFL BFL	
BARS	20-#8
HOOPS	#3 #100

STEEL MEMBERS

CENTRAL BUILDING	
SG1	W 14 x 43
SG2	W 18 x 76
SB1	W 14 x 43
SB2	W 8 x 10
SB3	W 18 x 76
SC1	Ø 12 x .5

SOUTH WING AND NORTH WING BUILDING								
MARKS	C1	C2	C3	C4	C5	C6	C7	C8
7FL 6FL 5FL								
BARS	8-#8	10-#8	8-#8	10-#8	8-#8	8-#8	8-#8	8-#8
HOOPS	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100
4FL 3FL 2FL								
BARS	12-#8	18-#8	12-#8	18-#8	20-#8	22-#8	14-#8	16-#8
HOOPS	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100
1FL								
BARS	18-#8	18-#8	18-#8	18-#8	26-#8	30-#8	22-#8	24-#8
HOOPS	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100
GFL								
BARS	18-#8	18-#8	18-#8	18-#8	26-#8	30-#8	22-#8	24-#8
HOOPS	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100	#3 #100

FOOTING

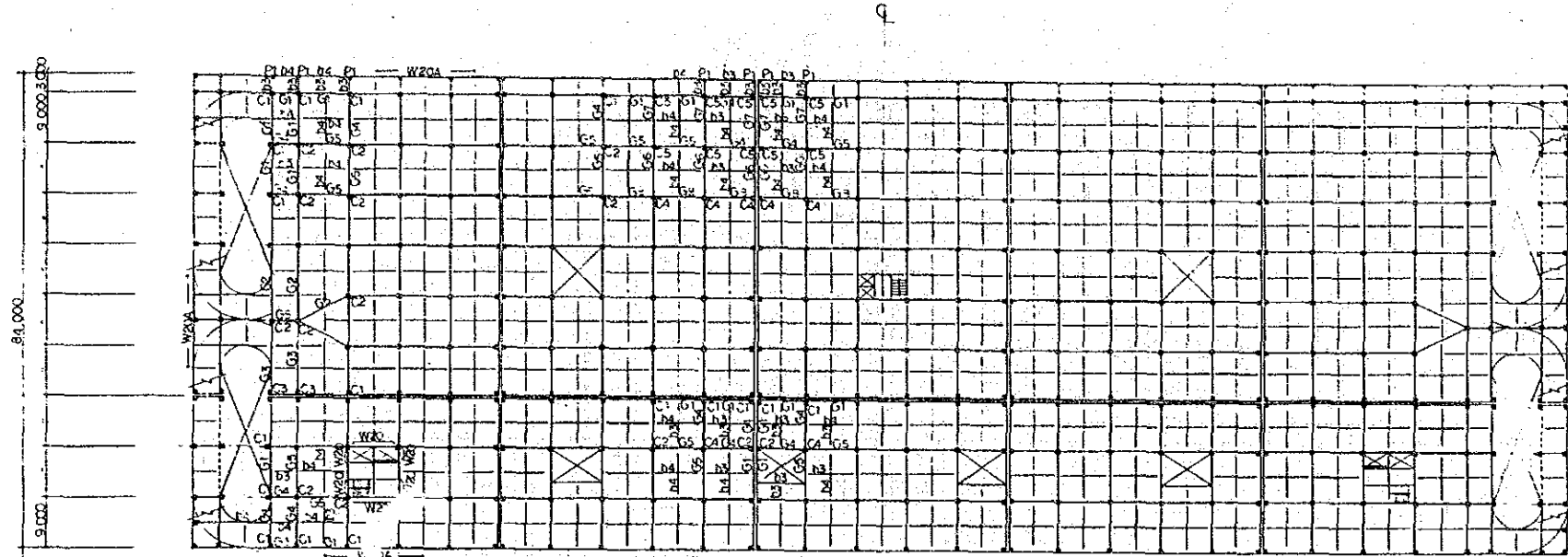


CENTRAL, CORRIDOR, S-N WING BUILDING						
MARKS	F1	F2	F3	F4	F5	F6
SIZE A	4.300	3.900	3.600	3.300	3.000	1.800
SIZE B	4.300	3.900	3.600	3.300	3.000	1.800
SIZE D	2.150	1.950	1.800	1.650	1.500	900
BARS	23-#6	18-#6	16-#6	16-#6	16-#6	9-#4
MARKS	F7	F8 (STRIP FOUNDATION)				
SIZE A	3.500	4.800				
SIZE B	5.900	2.400 *				
SIZE D	2.900	2.400				
MAIN BARS	28-#7	6-#100				
DISTRIBUTING BARS	15-#7	6-#200				

* — FROM COLUMN CENTER TO FOUNDATION EDGE.

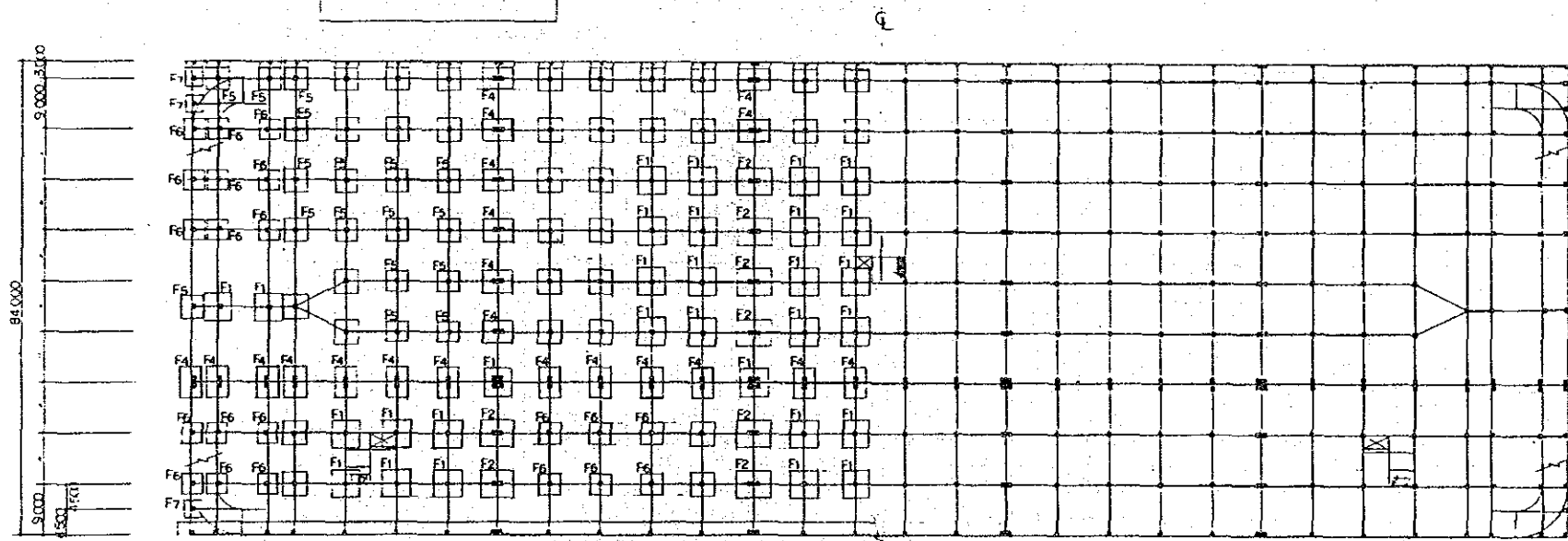
GENERAL NOTE

CONCRETE	f _c = 4000 psi (COMPRESSIVE STRENGTH AT 28 DAYS)
REINFORCEMENT	Gr 60 (f _y = 60000 psi)
STRUCTURAL STEEL	Gr 36
SOIL BEARING CAPACITY	8200 psi (40 t/m ²)



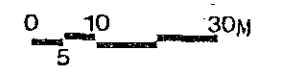
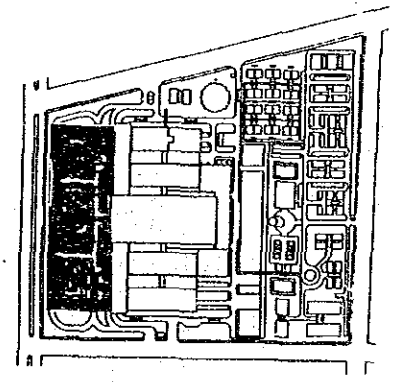
UNLESS OTHERWISE NOTED
SLAB - S1

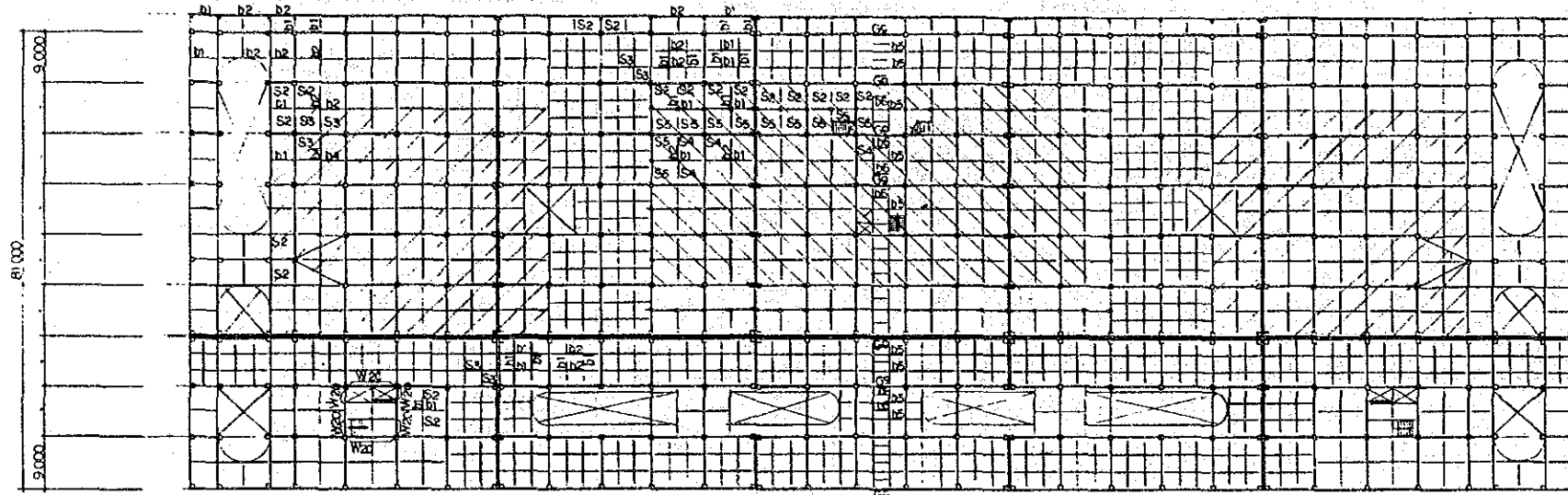
BASEMENT 2nd, 3rd FLOOR



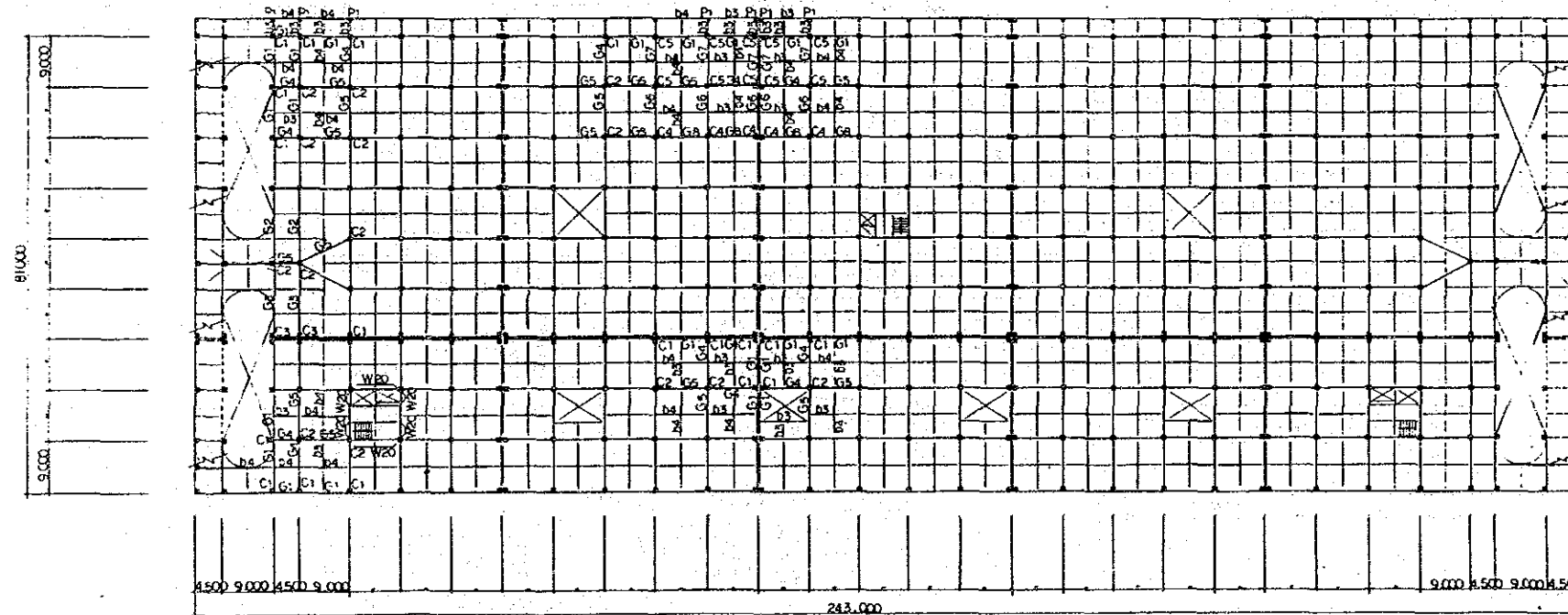
UNLESS OTHERWISE NOTED
FOUNDATION GIRDER - FG
FOUNDATION BEAM - FB
FOOTING - FA

BASEMENT 1st FLOOR



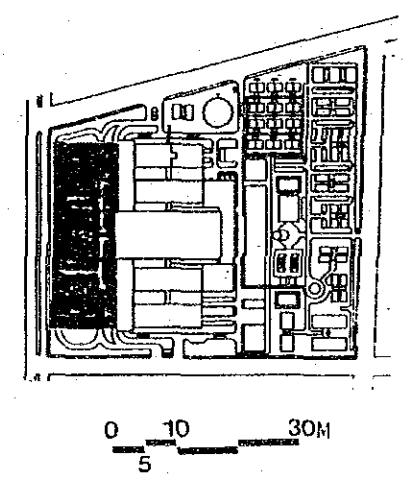


ARRANGEMENT FOR 1st FLOORS MEMBERS ARE NOTED AS FOLLOWS
 GIRDER : GROUND FLOOR FRAMING PLAN 1st (GENERAL CLINIC OF 1st) FLOOR
 COLUMN : 2nd. FLOOR FRAMING PLAN OF GENERAL CLINIC



UNLESS OTHERWISE NOTED
 SLAB - S1

GROUND FLOOR



COLUMN

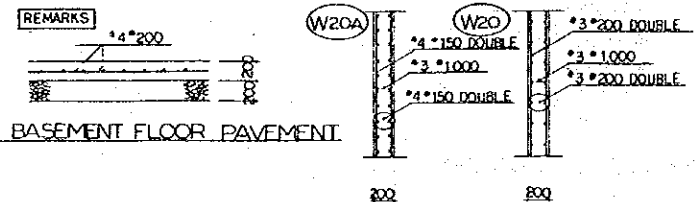
	C1	C2	C3	C4	C5
G.FL					
BARS	20-#8	24-#8	36-#8	24-#8	28-#8
HOOPS	*3 *200	*3 *200	*3 *200	*3 *200	*3 *200
B1FL					
BARS	20-#8	24-#8	32-#8	24-#8	20-#8
HOOPS	*3 *200	*3 *200	*3 *200	*3 *200	*3 *200
B2FL					
BARS	24-#8	24-#8	32-#8	24-#8	24-#8
HOOPS	*3 *200	*3 *200	*3 *200	*3 *200	*3 *200
B3FL					
BARS	24-#8	24-#8	32-#8	32-#8	24-#8
HOOPS	*3 *200	*3 *200	*3 *200	*3 *200	*3 *200

SLAB

MARKS	THICKNESS	TOP or BOTT	MAIN BARS DIRECTION			DISTRIBUTING BARS DIRECTION						
			MIDDLE STRIPS	EDGE STRIPS	END	CTR	MIDDLE STRIPS	EDGE STRIPS	END	CTR	EDGE STRIPS	
S1	180	TOP	*4 *200			*4 *200						
		BOTT	*4 *200			*4 *200						
S2	180	TOP	*4 *100			*4 *100						
		BOTT	*4 *150			*4 *150						
S3	180	TOP	*4 *150			*4 *150						
		BOTT	*4 *150			*4 *150						
S4	150	TOP	*3 *400	*3 *200	*3 *250	*3 *400	*3 *200	*3 *250	*3 *250	*3 *250	*3 *250	*3 *250
		BOTT	*3 *250	*3 *500	*3 *250	*3 *250	*3 *500	*3 *250	*3 *500	*3 *250	*3 *250	*3 *250
S5	150	TOP	*3 *250	*3 *500	*3 *250	*3 *250	*3 *500	*3 *250	*3 *500	*3 *250	*3 *250	*3 *250
		BOTT	*3 *500	*3 *250	*3 *250	*3 *500	*3 *250	*3 *250	*3 *250	*3 *250	*3 *250	*3 *250

B1FL ~ B2FL
DETAIL OF SLAB

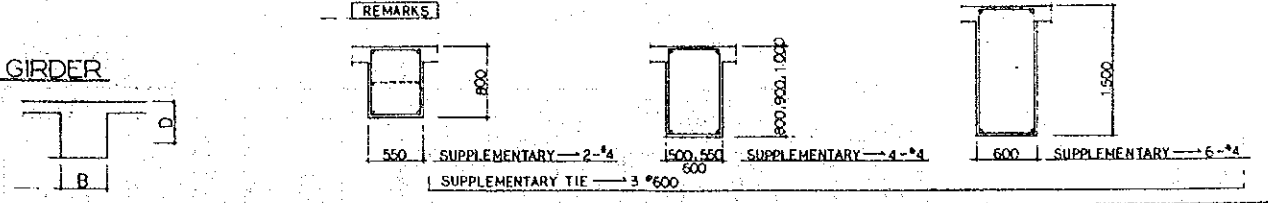
MARKS	P1
G.FL	
B3FL	
BARS	12-#8
HOOPS	*3 *200



BASEMENT FLOOR PAVEMENT

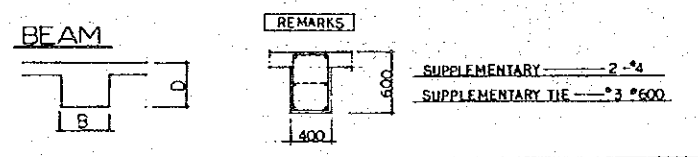
WALL

GIRDER



MARKS	G1		G2		G3		G4		G5		G6		G7		G8		G9		G10	
	EXT. END	INT. END	EXT. END	INT. END	EXT. END	INT. END	EXT. END	INT. END	EXT. END	INT. END	EXT. END	INT. END	EXT. END	INT. END	EXT. END	INT. END	EXT. END	INT. END	EXT. END	INT. END
1FL	500 x 800	600 x 1500	600 x 1500	600 x 1500	500 x 1000	500 x 1000	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800
POSITION	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR
B x D	500 x 800	600 x 1500	600 x 1500	600 x 1500	500 x 1000	500 x 1000	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800	500 x 800
TOP BARS	11-#8	9-#8	18-#8	15-#8	8-#8	16-#8	13-#8	13-#8	7-#8	9-#8	11-#8	6-#8	12-#8	15-#8	8-#8	14-#8	7-#8	11-#8	15-#8	8-#8
BOTT. BARS	8-#8	13-#8	10-#8	9-#8	8-#8	9-#8	8-#8	7-#8	8-#8	11-#8	7-#8	7-#8	10-#8	7-#8	9-#8	8-#8	6-#8	9-#8	7-#8	9-#8
STIRRUPS	*4 *200	*4 *150	*4 *150	*4 *150	*4 *200	*4 *200	*4 *200	*4 *200	*4 *200	*4 *200	*4 *200	*4 *200	*4 *200	*4 *200	*4 *200	*4 *200	*4 *200	*4 *200	*4 *200	*4 *200

BEAM

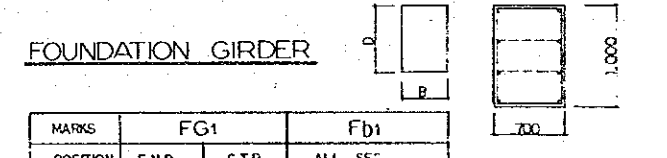


MARKS	b1		b2		b3		b4		b5	
	EXT. END	INT. END	EXT. END	INT. END	EXT. END	INT. END	EXT. END	INT. END	EXT. END	INT. END
POSITION	END	CTR	END	CTR	END	CTR	END	CTR	END	CTR
B x D	400 x 600	400 x 600	400 x 600	400 x 600	400 x 600	400 x 600	400 x 600	400 x 600	400 x 600	400 x 600
TOP BARS	4-#8	3-#8	7-#8	6-#8	3-#8	3-#8	13-#8	16-#8	6-#8	3-#8
BOTT. BARS	3-#8	5-#8	4-#8	3-#8	5-#8	3-#8	14-#8	15-#8	3-#8	4-#8
STIRRUPS	*3 *200	*3 *200	*3 *200	*3 *200	*3 *200	*3 *200	*3 *200	*3 *200	*3 *200	*3 *200

FOOTING

MARKS	F1		F2		F3		F4		F5		F6		F7	
	SIZE	ALL SEC.	SIZE	ALL SEC.	SIZE	ALL SEC.	SIZE	ALL SEC.	SIZE	ALL SEC.	SIZE	ALL SEC.	SIZE	ALL SEC.
A	4800	4800	4800	4800	4200	4200	3900	3900	4200	3900	3900	3900	3000	3000
B	4800	6000	4800	4200	5400	4200	4200	3900	3900	3900	3900	3900	3000	3000
C	1200	1200	1200	1200	1200	1200	1000	1000	1000	1000	1000	1000	1000	1000
LONG DIRECTION	42-#6	38-#6	25-#6	20-#6	27-#6	21-#6	10-#6							
SHORT DIRECTION		40-#6												

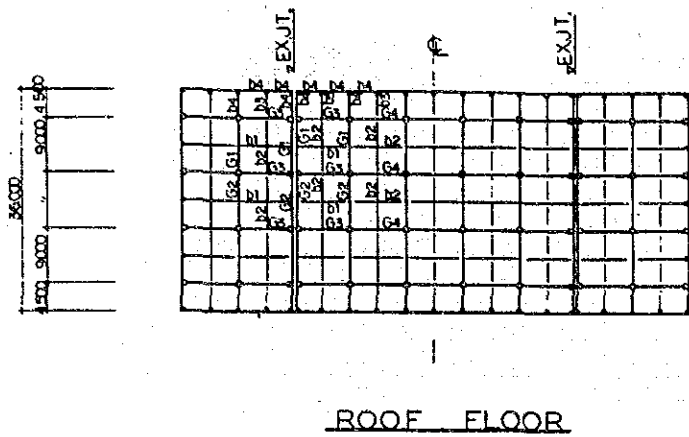
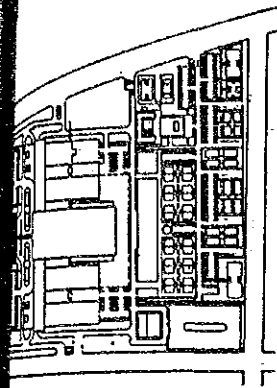
FOUNDATION GIRDER



MARKS	FG1		FG2	
	END	CTR	END	CTR
POSITION	END	CTR <td>END</td> <td>CTR </td>	END	CTR
B x D	700 x 1000	700 x 1000	700 x 1000	700 x 1000
TOP BARS	5-#8	3-#8	3-#8	3-#8
BOTT. BARS	3-#8	3-#8	3-#8	3-#8
STIRRUPS	*4 *200	*4 *200	*4 *200	*4 *200

GENERAL NOTE

CONCRETE	f'c = 4000 psi (COMPRESSIVE STRENGTH AT 28 DAYS)
REINFORCEMENT	Gr 60 (fy = 60000 psi)
STRUCTURAL STEEL	Gr 36
SOIL BEARING CAPACITY	8200 psi (40 T/ft²)



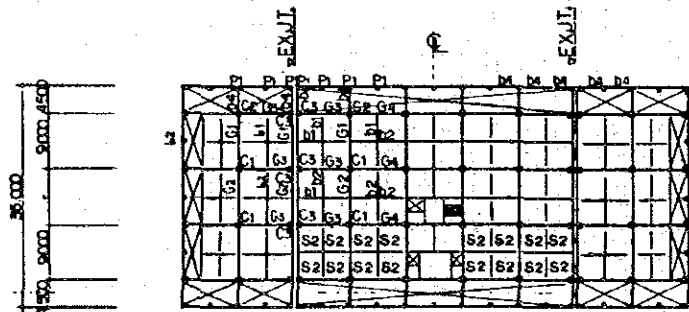
COLUMN

MARKS	C1	C2	C3
2. FL			
BARS	12 - *8	20 - *8	24 - *8
HOOPS	*3 *100	*3 *100	*3 *100
1. FL			
BARS	20 - *8	20 - *8	20 - *8
HOOPS	*3 *100	*3 *100	*3 *100

BEAM

SUPPLEMENTARY 2-*4
SUPPLEMENTARY TIE - *3*600

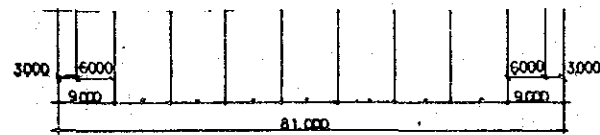
MARKS	D1	D2	D3
POSITION	EXT. C.T.R. INT. END	EXT. C.T.R. INT. END	EXT. C.T.R. INT. END
B x D	400 x 600	400 x 600	400 x 600
TOP BARS	3-*8 3-*8 6-*8	5-*8 3-*8 3-*8 3-*8 5-*8	3-*8 3-*8 3-*8 3-*8 3-*8
BOTT. BARS	3-*8 4-*8 3-*8	3-*8 4-*8 5-*8 3-*8 3-*8	3-*8 3-*8 3-*8
STIRRUPS	*3 *200	*3 *200	*3 *200
MARKS	D4		
POSITION	ALL SEC.		
B x D	400 x 600		
TOP BARS	3-*8		
BOTT. BARS	3-*8		
STIRRUPS	*3 *200		



MARKS	P1
2.FL	
1.FL	
BARS	12 - *8
HOOPS	*3 *200

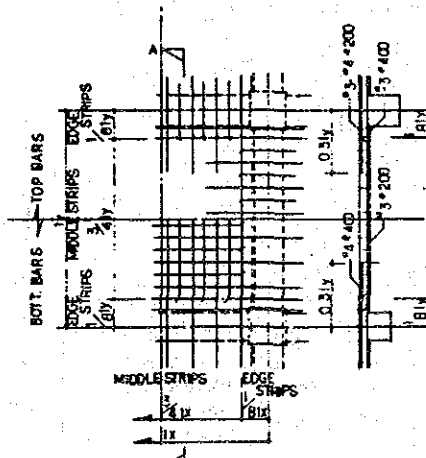
GIRDER

MARKS	G1	G2	G3	G4	REMARKS
POSITION	EXT. END C.T.R. INT. END	EXT. END C.T.R. INT. END	EXT. END C.T.R. INT. END	EXT. END C.T.R. INT. END	 SUPPLEMENTARY 2-*4 SUPPLEMENTARY TIE - *3*600
B x D	450 x 600	450 x 600	450 x 600	450 x 600	
TOP BARS	12-*8 7-*8 10-*8	12-*8 6-*8 10-*8 6-*8 12-*8	12-*8 6-*8 10-*8 6-*8 12-*8	12-*8 6-*8	 SUPPLEMENTARY 4-*4 SUPPLEMENTARY TIE - *3*600
BOTT. BARS	11-*8 10-*8 7-*8	8-*8 9-*8	8-*8 9-*8	8-*8 9-*8	
STIRRUPS	*4 *200	*4 *200	*4 *200	*4 *200	
MARKS	G1 G2 G3 G4				
POSITION	EXT. END C.T.R. INT. END	EXT. END C.T.R. INT. END	EXT. END C.T.R. INT. END	EXT. END C.T.R. INT. END	
B x D	450 x 800	450 x 800	450 x 800	450 x 800	
TOP BARS	15-*8 8-*8 14-*8	14-*8 7-*8	13-*8 7-*8 13-*8	13-*8 7-*8 14-*8	
BOTT. BARS	8-*8 9-*8 8-*8	8-*8 9-*8	8-*8 9-*8 9-*8 8-*8	8-*8 8-*8 8-*8	
STIRRUPS	*4 *200	*4 *200	*4 *200	*4 *200	



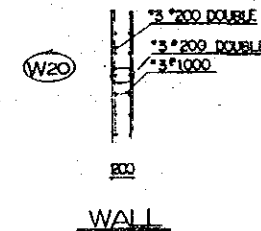
2nd FLOOR

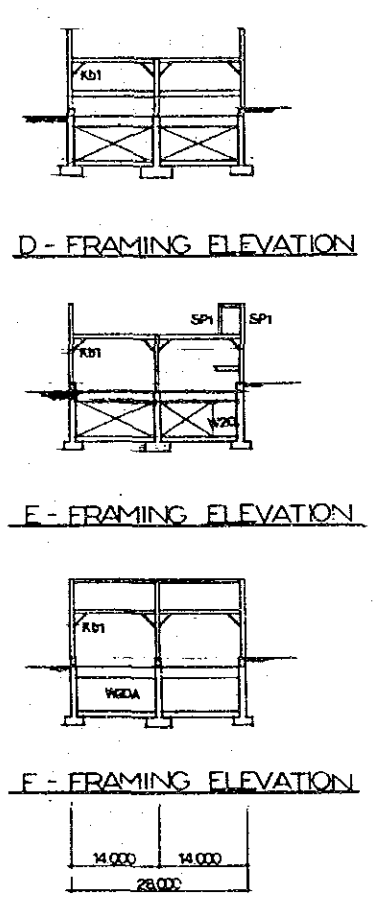
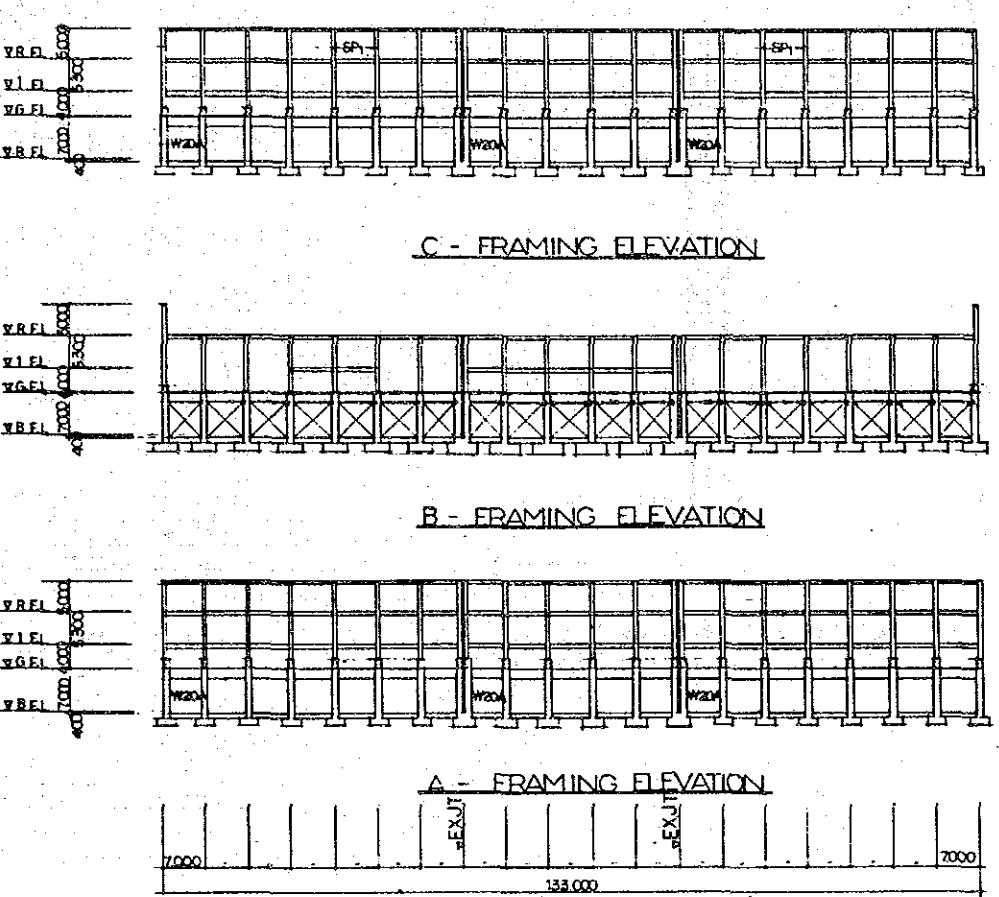
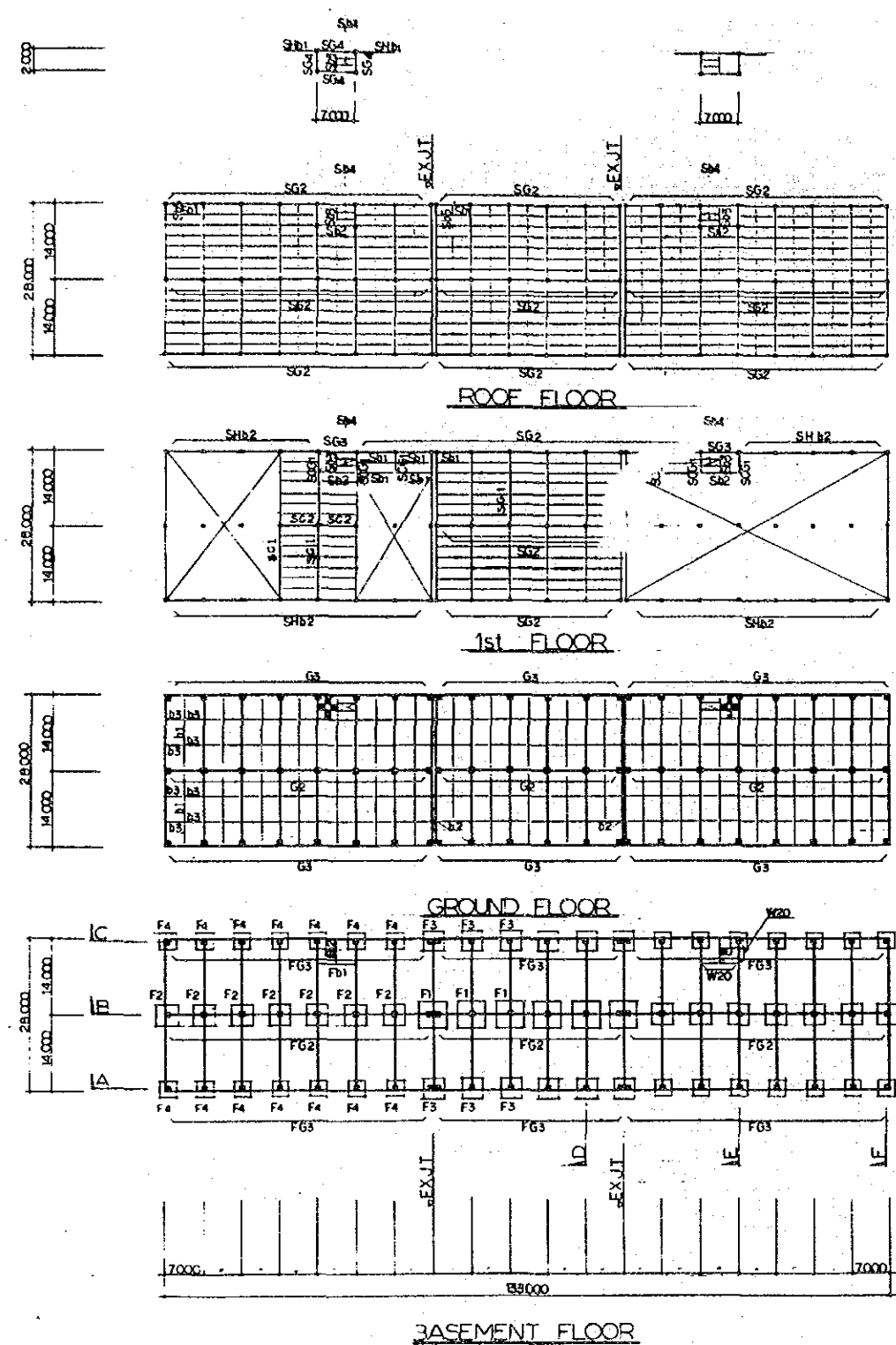
UNLESS OTHERWISE NOTED
 SLAB R.F.L. - S3
 2.FL. - S1



SLAB

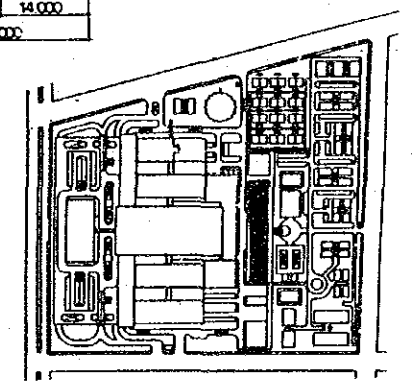
MARKS	THICKNESS	TOP or BOTT.	MAIN BARS DIRECTION		DISTRIBUTING BARS DIRECTION		REMARKS
			MIDDLE STRIPS	EDGE STRIPS	MIDDLE STRIPS	EDGE STRIPS	
S1	150	T.O.P.	*3*4 *150		*3*4 *150		
		BOTT.	*3 *150		*3 *150		
S2	150	T.O.P.	*3*4 *200	*3 *250	*3*4 *200	*3 *250	
		BOTT.	*3 *400	*3 *200	*3 *400	*3 *200	
S3	150	T.O.P.	*3 *250	*3 *500	*3 *250	*3 *500	
		BOTT.	*3 *500	*3 *250	*3 *500	*3 *250	





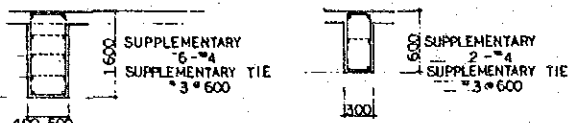
FRAMING PLAN
 UNLESS OTHERWISE NOTED
 FOUNDATION GIRDER - FG1
 GROUND FLOOR - GIRDER - G1
 ROOF FLOOR - GIRDER - SG1
 1ST FLOOR - GIRDER - SG2

FRAMING ELEVATION
 UNLESS OTHERWISE NOTED
 R. FL - COLUMN - SP2
 G. FL, 1. FL - COLUMN - SC1
 B. FL - COLUMN - C1



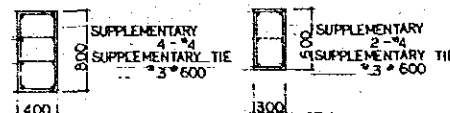
0 10 30M
 5

GIRDER AND BEAM (CONCRETE)



MARKS	G1			G2		G3	D1			D2		D3
	EXT. END	CTR.	INT. END	END	CTR.	ALL SEC.	EXT. END	CTR.	INT. END	END	CTR.	ALL SEC.
B x D	500 X 1600			400 X 1600		400 X 1600	500 X 1600			400 X 1600		300 X 600
TOP BARS	9-#8	5-#8	14-#8	10-#8	5-#8	5-#8	5-#8	5-#8	14-#8	6-#8	3-#8	3-#8
BOTT BARS	4-#8	7-#8	8-#8	5-#8	10-#8	5-#8	3-#8	9-#8	5-#8	3-#8	6-#8	3-#8
STIRRUPS	*4 #150			*4 #150		*4 #150	*4 #150			*4 #150		*3 #200

FOUNDATION GIRDER AND BEAM (CONCRETE)



MARKS	FG1			FG2		FG3	FD1		FD2
	EXT. END	CTR.	INT. END	END	CTR.	ALL SEC.	END	CTR.	ALL SEC.
B x D	400 X 800			400 X 800		400 X 800	400 X 800		300 X 600
TOP BARS	6-#8	3-#8	3-#8	4-#8	3-#8	3-#8	6-#8	3-#8	3-#8
BOTT BARS	3-#8	3-#8	3-#8	4-#8	3-#8	3-#8	4-#8	6-#8	3-#8
STIRRUPS	*4 #200			*4 #200		*4 #150	*4 #200		*3 #200

GIRDER AND BEAM (STEEL)

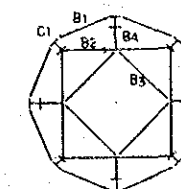
MARKS	MEMBER OF FRAMEWORK
SG1	W 36 x 170
SG2	W 24 x 62
SG3	W 27 x 84
SG4	W 18 x 60
SCG1	W 24 x 62
Sd1	W 24 x 62
Sd2	W 27 x 84
Sd3	W 18 x 60
Sd4	W 14 x 38
SHd1	HP - 10 x 42
SHd2	HP - 14 x 73
KD1	W 10 x 120

COLUMN (STEEL)

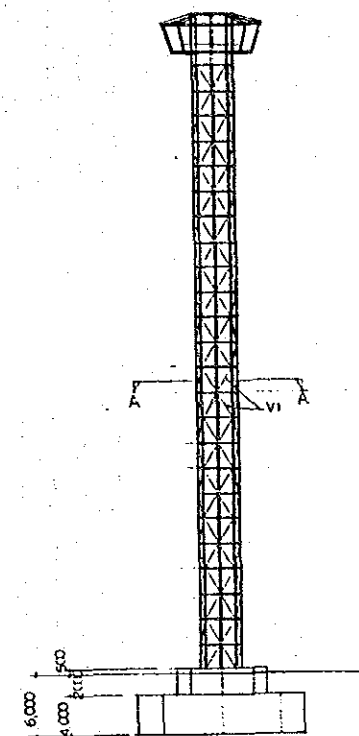
MARKS	MEMBER OF FRAMEWORK
SC1	D-30x30x 1/2
SP1	HP-12x63
SP2	W-12x40

LIST

MARKS	MEMBER OF FRAMEWORK
C1	W - 30 x 211
B1	W - 6 x 15
B2	W - 6 x 15
B3	W - 6 x 15
B4	L - 4 x 4 x 7/16
V1	Ø 6" x 0.432"



A-A SECTION



FRAMING ELEVATION

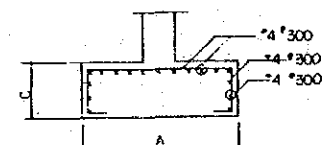
COLUMN (CONCRETE)

MARKS	C1
B x D	1100 x 1100
BARS	34-#8
HOOPS	*4 #150

FOOTING

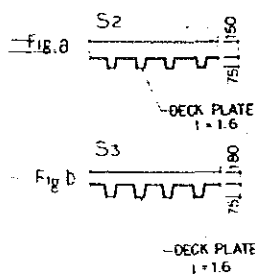
MARKS	F1	F2	F3	F4
A	5,000	4,000	3,500	3,000
B	5,000	4,000	3,500	3,000
C	1,800	1,400	1,400	1,200
BARS	25-#7	20-#7	20-#6	16-#6

REMARKS

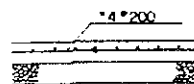


SLAB

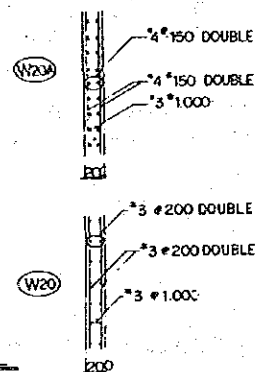
MARKS	THICKNESS	TOP or BOTT.	MAIN BARS DIRECTION			DISTRIBUTING BARS DIRECTION			REMARKS
			MIDDLE STRIPS	EDGE STRIPS	EDGE STRIPS	MIDDLE STRIPS	EDGE STRIPS	EDGE STRIPS	
S1	180	TOP	*4 #150			*3 #200			
		BOTT.	*4 #150			*3 #200			
S2	REFER TO Fig a	TOP	*4 #150			*3 #200			
		BOTT.	*4 #150			*3 #200			
S3	REFER TO Fig b	TOP	*4 #150			*3 #200			
		BOTT.	*4 #150			*3 #200			



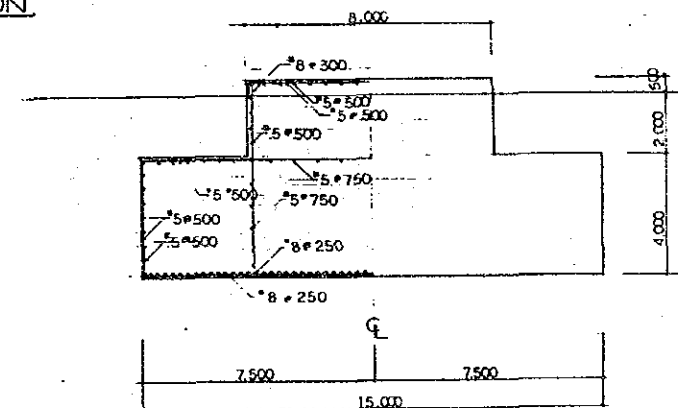
BASEMENT FLOOR PAVEMNT



WALL



FRAMING PLAN

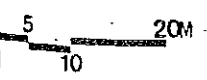
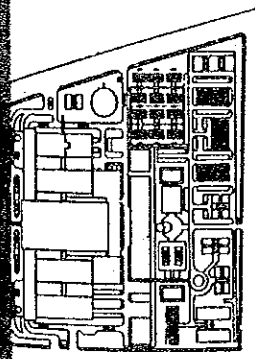
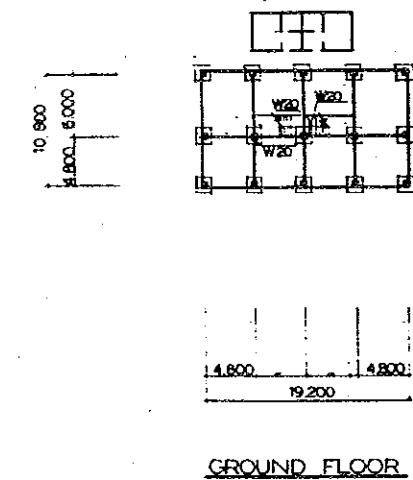
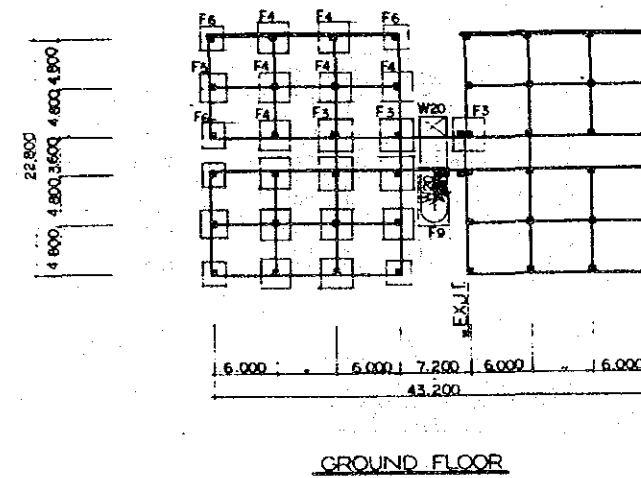
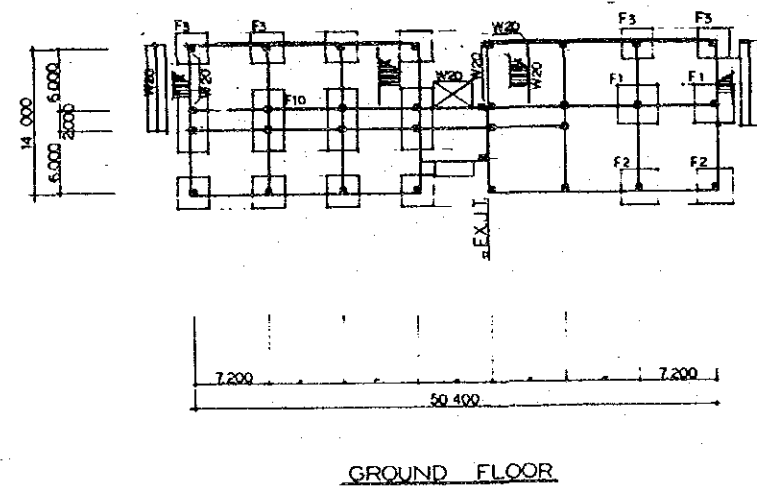
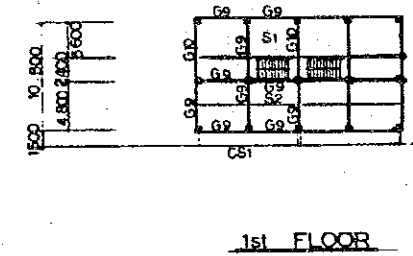
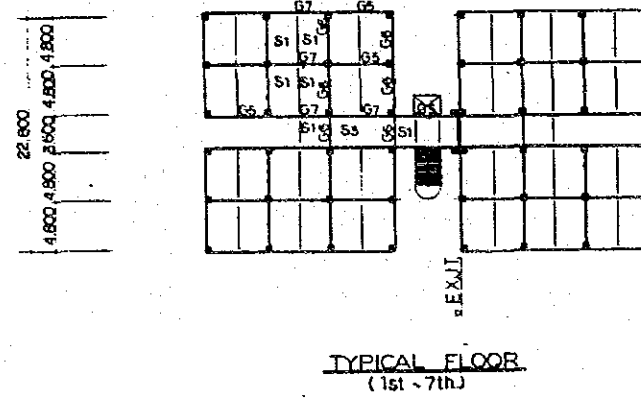
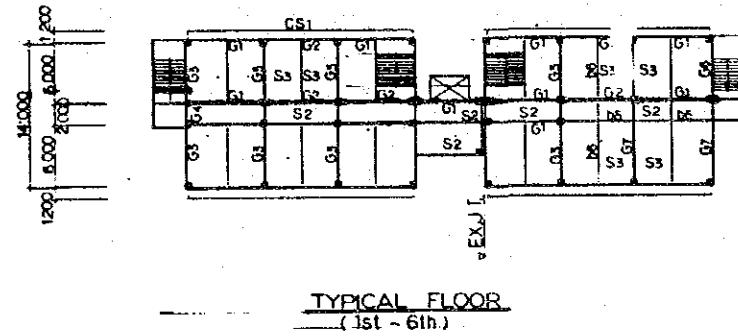
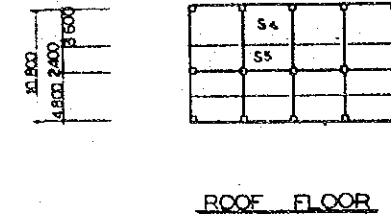
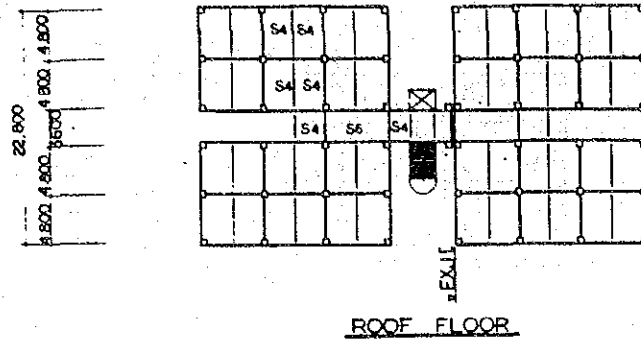
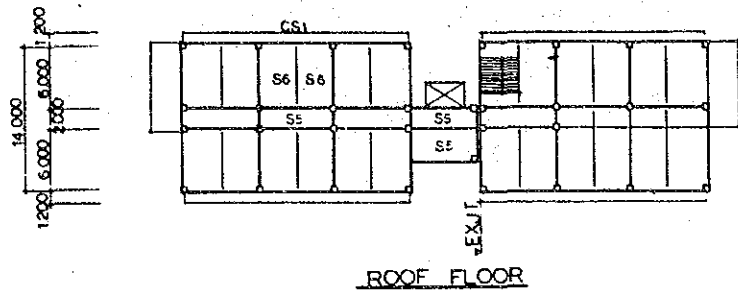


HIGH WATER TANK

FOOTING

GENERAL NOTE

CONCRETE	f' = 4000 psi (COMPRESSIVE STRENGTH AT 28 DAYS)
REINFORCEMENT	Gr 60 (f _y = 60000 psi)
STRUCTURAL STEEL	Gr 36
SOIL BEARING CAPACITY	8200 psi (40 t/sq ft)



APARTMENTS FOR FEMALE PARA-MEDICAL

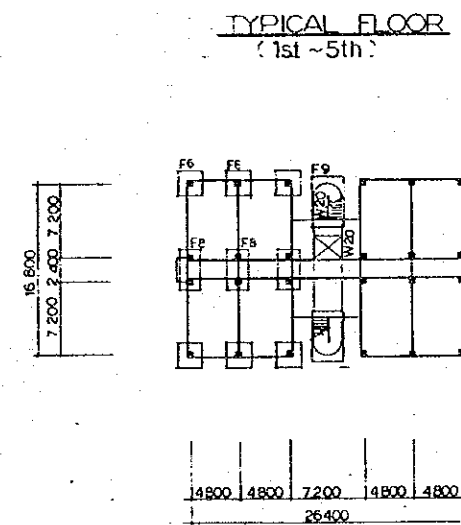
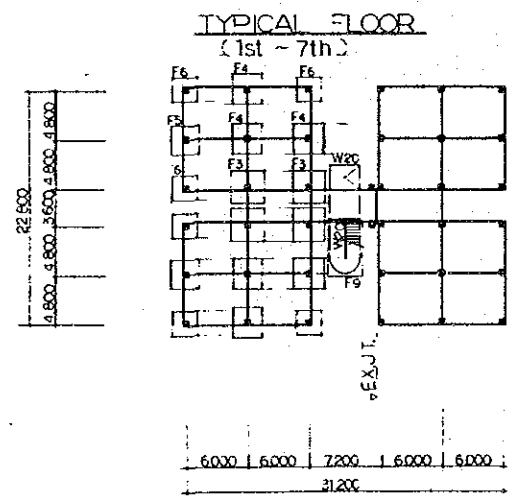
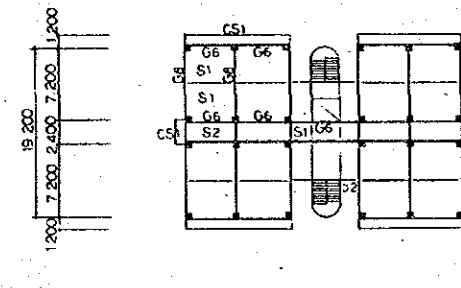
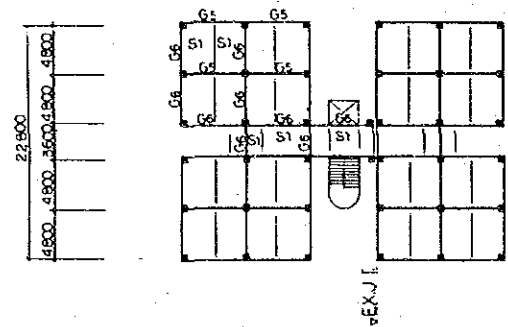
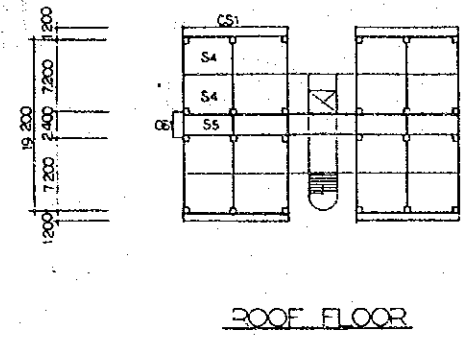
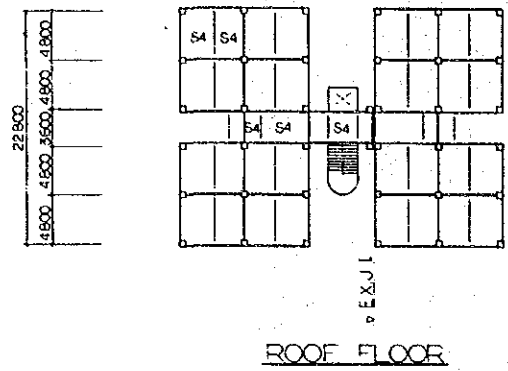
UNLESS OTHERWISE NOTED
 COLUMN - C1
 BEAM - B1
 FOUNDATION GIRDER - FG1
 FOUNDATION BEAM - FB1

APARTMENTS FOR MARRIED DOCTORS

UNLESS OTHERWISE NOTED
 COLUMN - C1
 BEAM - B1
 FOUNDATION GIRDER - FG1
 FOUNDATION BEAM - FB1

VILLAS FOR MARRIED STAFFS

UNLESS OTHERWISE NOTED
 FOOTING - F2 FOUNDATION
 GIRDER - FG2
 COLUMN - C2 BEAM - B2
 BEAM - B2



GROUND FLOOR

UNLESS OTHERWISE NOTED
 COLUMN - C1 FOUNDATION GIRDER - FG1
 BEAM - D4 FOUNDATION BEAM - FB1

APARTMENT FOR PARAMEDICAL AND ADMINISTRATIVE STAFF

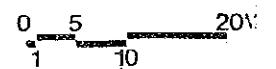
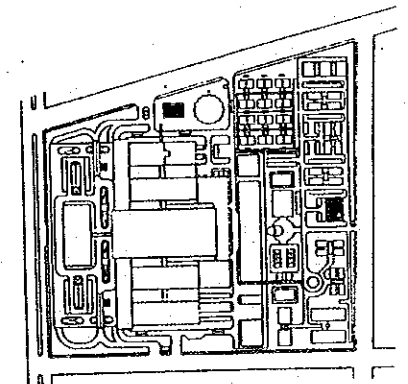
GROUND FLOOR

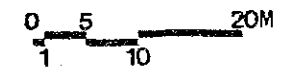
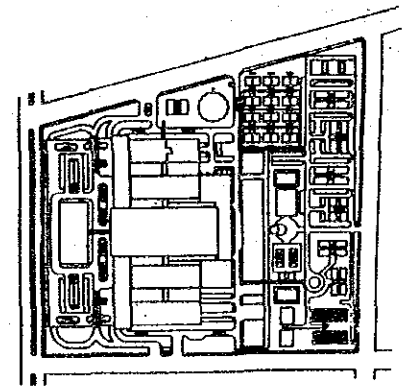
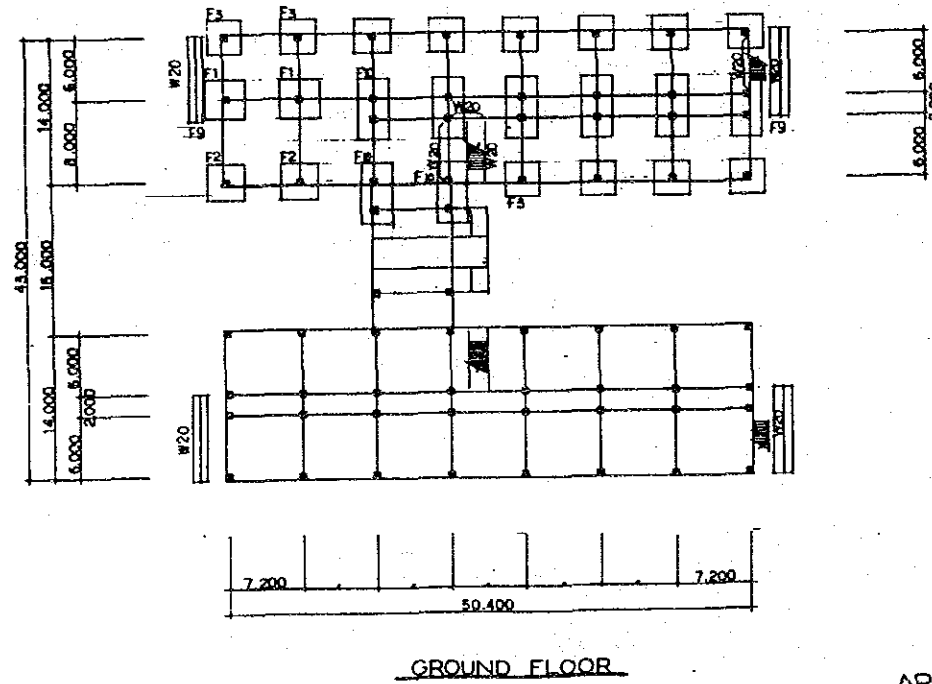
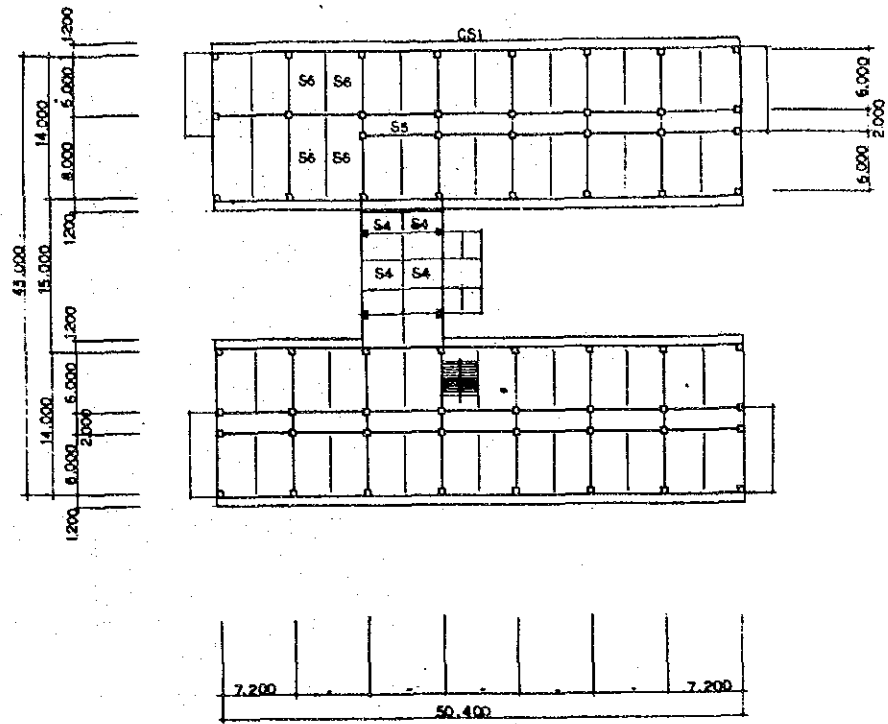
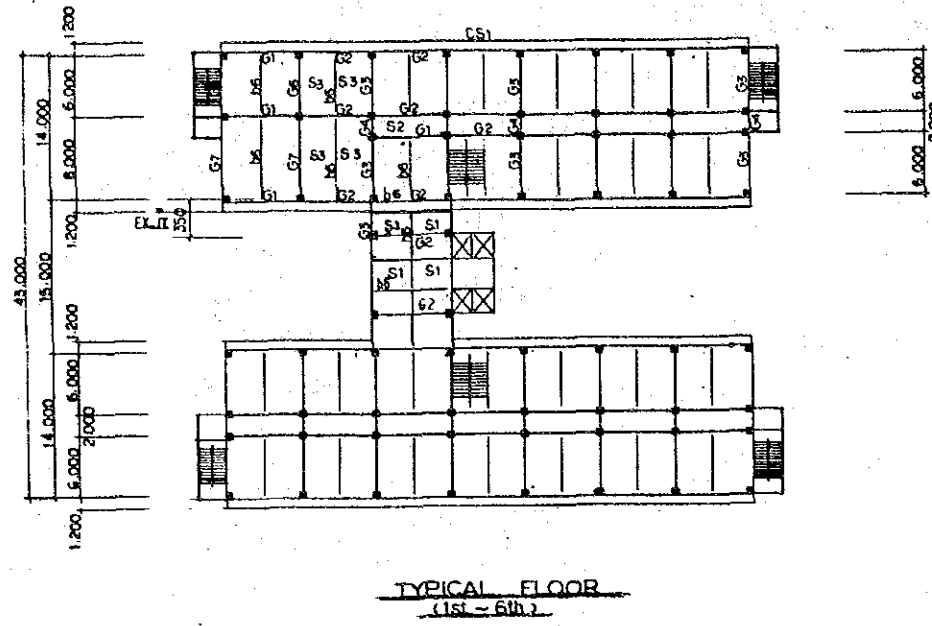
UNLESS OTHERWISE NOTED
 COLUMN - C1 FOUNDATION GIRDER - FG1
 BEAM - D4 FOUNDATION BEAM - FB1

OVERNIGHT ACCOMMODATION

GENERAL NOTE

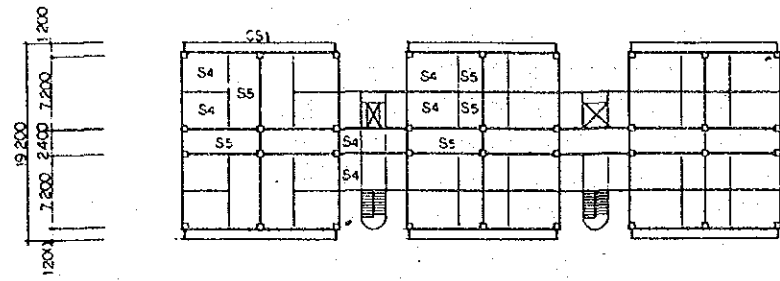
CONCRETE	VILLA	fc = 3 000 PSI	(COMPRESSIVE STRENGTH AT 28 DAYS)
	OTHERS	fc = 4 000 PSI	
REINFORCEMENT	VILLA	Gr 40 (fy = 60 000 PSI)	
	OTHERS	Gr 60 (fy = 60 000 PSI)	
STRUCTURAL STEEL		Gr 36	
SOIL BEARING CAPACITY		8 200 PSI (40 T/M ²)	



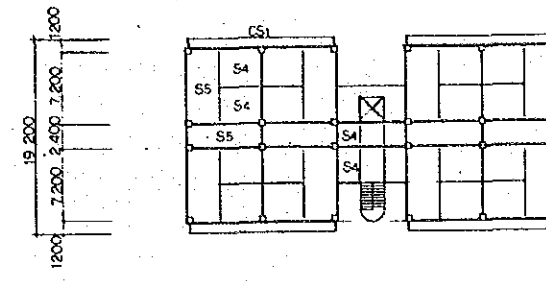


APARTMENTS FOR JUNIOR NURSES

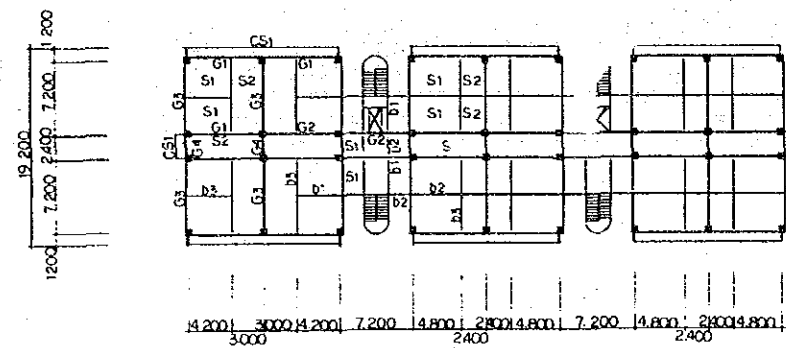
UNLESS OTHERWISE NOTED
 COLUMN - C1 FOUNDATION BEAM - FB1
 BEAM - B1 FOUNDATION GIRDER - FG1



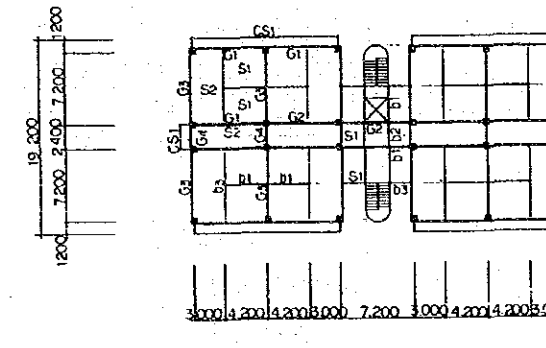
ROOF FLOOR



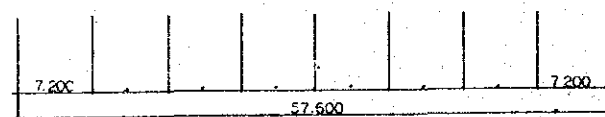
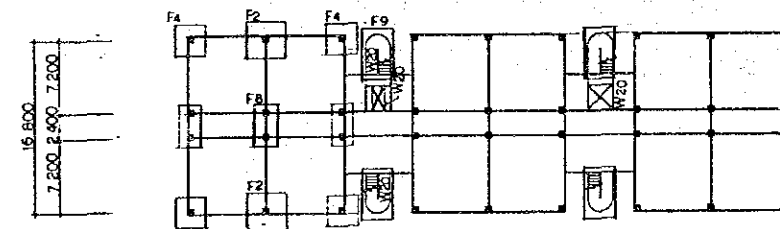
ROOF FLOOR



TYPICAL FLOOR
(1st - 7th)



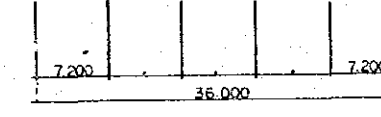
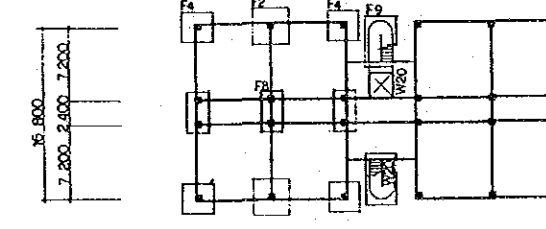
TYPICAL FLOOR
(1st - 7th)



GROUND FLOOR

UNLESS OTHERWISE NOTED
 COLUMN - C1
 FOUNDATION GIRDER - FG1
 FOUNDATION BEAM - FB1

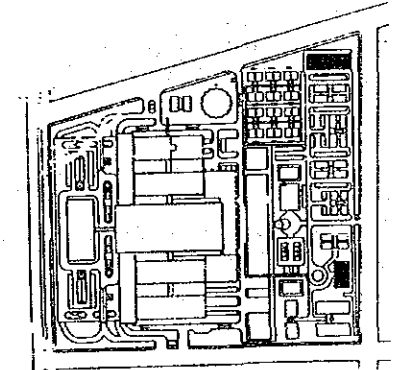
APARTMENTS FOR SINGLE MALE



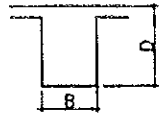
GROUND FLOOR

UNLESS OTHERWISE NOTED
 COLUMN - C1
 FOUNDATION GIRDER - FG1
 FOUNDATION BEAM - FB1

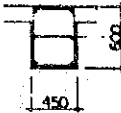
APARTMENTS FOR SENIOR NURSES



GIRDER



REMARKS



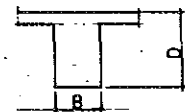
SUPPLEMENTARY --- 2-#4
SUPPLEMENTARY TIE --- 3-#600

MARKS	G1		G2		G3		G4		G5		G6		G7		G8		G9		G10			
	EXT. END	CTR.	INT. END	END	CTR.	END	CTR.	ALL SEC.	EXT. END	CTR.	INT. END	END	CTR.	EXT. END	CTR.	INT. END	END	CTR.	EXT. END	CTR.	INT. END	
7FL	[Diagonal line]																					
5FL	[Diagonal line]																					
4FL	[Diagonal line]																					
1FL	[Diagonal line]																					

COLUMN

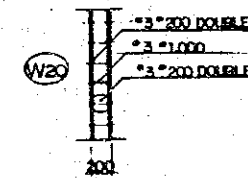
	C1	C2
7FL	[Diagram]	[Diagonal line]
4FL	[Diagram]	[Diagonal line]
BARS	12-#8	
HOOPS	3-#200	
3FL	[Diagram]	[Diagram]
G.FL	[Diagram]	[Diagram]
BARS	12-#8	6-#8
HOOPS	3-#200	3-#200

BEAM



MARKS	D1		D2		D3		D4		D5		D6		D7		
	EXT. END	CTR.	INT. END	END	CTR.	END	CTR.	END	CTR.	EXT. END	CTR.	INT. END	END	CTR.	
B x D	400	X	500	400	X	500	400	X	500	400	X	500	400	X	500
TOP BARS	2-#8	3-#8	4-#8	4-#8	3-#8	2-#8	3-#8	2-#8	2-#8	2-#8	3-#8	3-#8	3-#8	3-#8	2-#8
BOTT. BARS	2-#8	4-#8	3-#8	3-#8	3-#8	2-#8	3-#8	2-#8	3-#8	2-#8	3-#8	3-#8	3-#8	3-#8	2-#8
STIRRUPS	3-#200		3-#200		3-#200		3-#200		3-#200		3-#200		3-#200		

WALL



FOUNDATION GIRDER AND BEAM

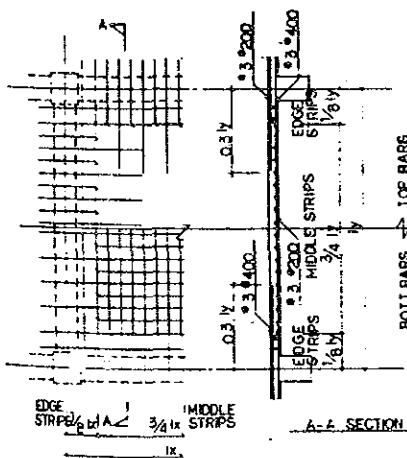
MARKS	FG1 - Fb1	FG2 - Fb2
POSITION	ALL SEC.	ALL SEC.
B x D	400 X 700	400 X 600
TOP BARS	3-#8	3-#8
BOTT. BARS	3-#8	3-#8
STIRRUPS	3-#250	3-#250

REMARKS



SUPPLEMENTARY --- 2-#4
SUPPLEMENTARY TIE --- 3-#600

SLAB

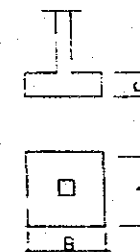


MARKS	THICKNESS	TOP or BOTT.	MAIN BARS DIRECTION			DISTRIBUTING BARS DIRECTION			REMARKS
			MIDDLE STRIPS	EDGE STRIPS	END	MIDDLE STRIPS	EDGE STRIPS	END	
S1	150	TOP	3-#200	3-#250	3-#200	3-#250	3-#200	3-#250	
S2	150	BOTT.	3-#400	3-#250	3-#200	3-#250	3-#200	3-#250	
S3	150	TOP	3-#150	3-#250	3-#200	3-#250	3-#200	3-#250	
S4	150	BOTT.	3-#300	3-#250	3-#400	3-#250	3-#400	3-#250	
S5	150	TOP	3-#200	3-#400	3-#250	3-#200	3-#400	3-#250	
S6	150	BOTT.	3-#400	3-#250	3-#200	3-#400	3-#200	3-#250	

GROUND FLOOR PAVEMENT

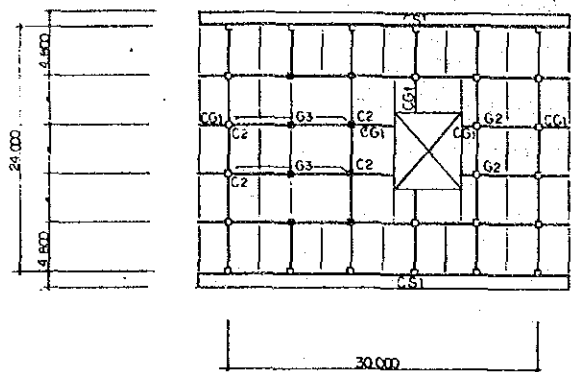


FOOTING

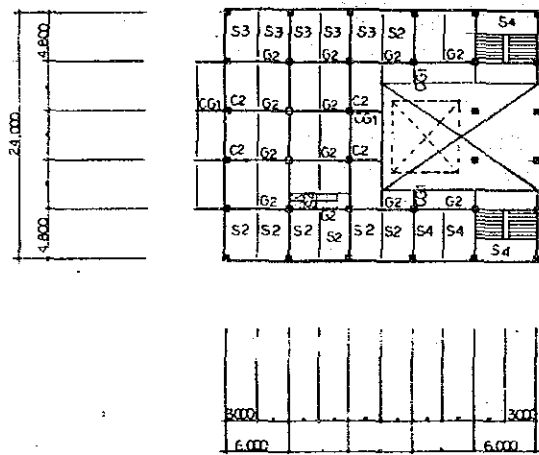


MARKS	F1 - F5					F6 - F9				
	A	B	C	SIZE	BARS	A	B	C	SIZE	BARS
F1	3900	3600	3300	3000	2700	2400	1500	1000	3000	2000
F2	3900	3600	3300	3000	2700	2400	1500	1000	3000	2000
F3	1200	1200	1200	1000	1000	900	800	800	16-#6	16-#6
F4	17-#6	17-#6	12-#6	11-#6	10-#6	9-#6	6-#6	49-#6	19-#6	19-#6

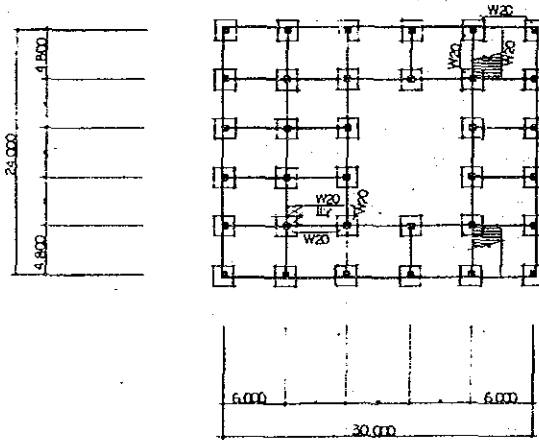
ARRANGEMENT OF BARS (TYPE S1)



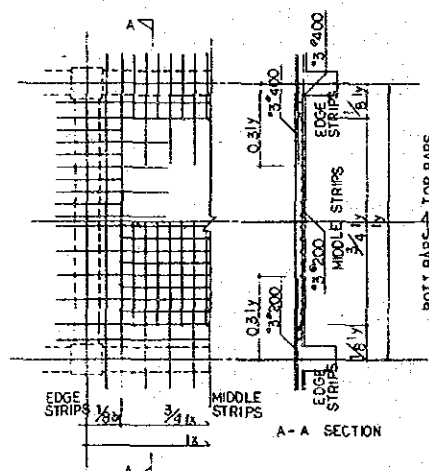
ROOF FLOOR



1st FLOOR



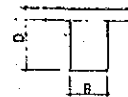
GROUND FLOOR



ARRANGEMENT OF BARS (TYPE S1)

- UNLESS OTHERWISE NOTED
- FOOTING - F1
 - GIRDER - G1
 - COLUMN - C1
 - SLAB-REF - S1
 - 1FL - S1
 - BEAM - B1
 - FOUNDATION GIRDER - FG1
 - FOUNDATION BEAM - FD1

GIRDER

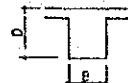


REMARKS

SUPPLEMENTARY — 2-#4
SUPPLEMENTARY TIE — #3 #600

MARKS	G1	G2	G3	CG1
POSITION	ALL SEC.	END C.T.R.	END C.T.R.	ALL SEC.
B x D	450 x 500	450 x 500	500 x 700	500 x 700
TOP BARS	3-#8	5-#8 3-#8	9-#8 5-#8	6-#8
BOTT. BARS	3-#8	3-#8 3-#8	5-#8 9-#8	4-#8
STIRRUPS	*3 #200	*3 #200	*3 #200	*3 #200

BEAM



MARKS	D1
POSITION	END C.T.R.
B x D	300 x 400
TOP BARS	3-#8 2-#8
BOTT. BARS	2-#8 3-#8
STIRRUPS	*3 #200

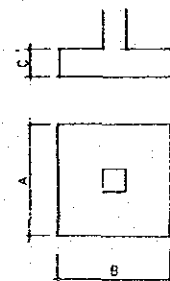
COLUMN

MARKS	C1	C2
G. FL		
1 FL		
BARS	8-#8	16-#8
HOOPS	*3 #200	*3 #200

SLAB

MARKS	THICKNESS	TOP & BOTT.	MAIN BARS DIRECTION			DISTRIBUTING BARS DIRECTION			REMARKS
			END	CTR.	EDGE STRIPS	END	CTR.	EDGE STRIPS	
S1	150	TOP	*3 #200		*3 #250	*3 #200		*3 #250	
		BOTT	*3 #400	*3 #200	*3 #250	*3 #400	*3 #200	*3 #250	
S2	150	TOP	*3 #150			*3 #200			
		BOTT	*3 #150			*3 #200			
S3	150	TOP	*3 #200		*3 #250	*3 #200		*3 #250	
		BOTT	*3 #400	*3 #200	*3 #250	*3 #400	*3 #200	*3 #250	
S4	150	TOP	*3 #200			*3 #200			
		BOTT	*3 #200			*3 #200			
S5	150	TOP	*3 #200	*3 #400	*3 #250	*3 #200	*3 #400	*3 #250	
		BOTT	*3 #400	*3 #200	*3 #250	*3 #400	*3 #200	*3 #250	
CS1	150	TOP	*3 #200			*3 #250			
		BOTT	*3 #200			*3 #250			

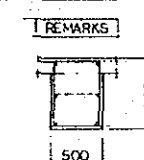
FOOTING



MARKS	F1
SIZE	A 1.800
	B 1.800
	C 800
BARS	7-#6

FOUNDATION GIRDER AND BEAM

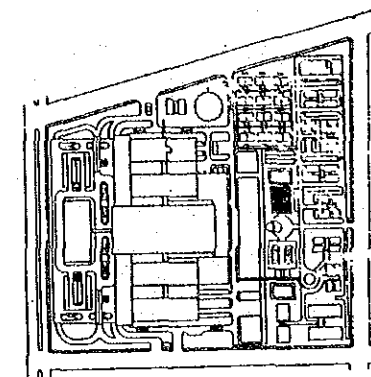
MARKS	FG1	FD1
POSITION	ALL SEC.	
B x D	500 x 700	
TOP BARS	3-#8	
BOTT. BARS	3-#8	
STIRRUPS	*4 #200	



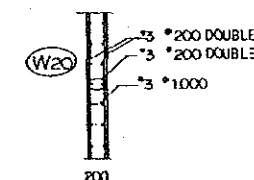
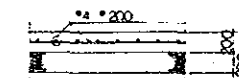
SUPPLEMENTARY — 2-#4
SUPPLEMENTARY TIE — #3 #600

GENERAL NOTE

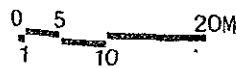
CONCRETE	fc = 4,000 psi (COMPRESSIVE STRENGTH AT 28 DAYS)
REINFORCEMENT	Gr. 60 (fy = 60,000 psi)
STRUCTURAL STEEL	Gr. 36
SOIL BEARING CAPACITY	8,200 psi (40 t/m²)

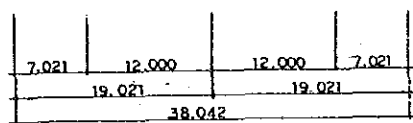
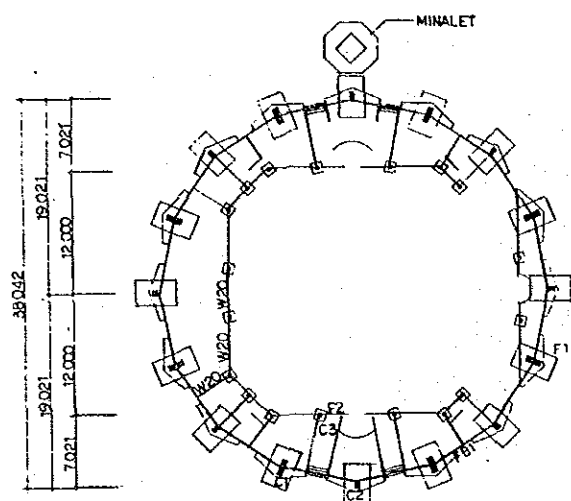


GROUND FLOOR PAVEMENT

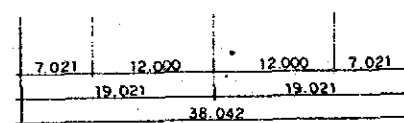
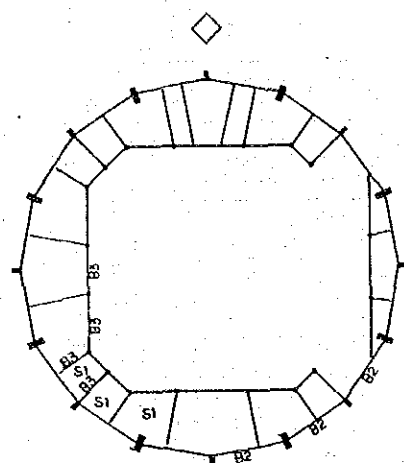


WALL

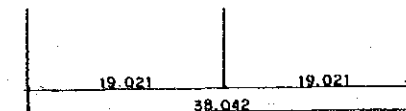
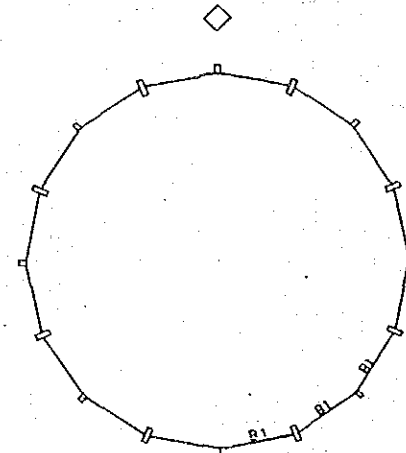




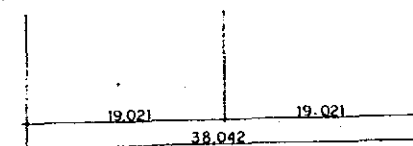
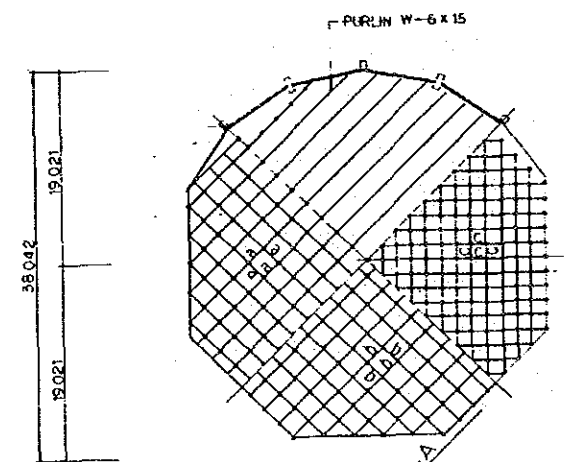
BASEMENT FLOOR
(GROUND FLOOR)



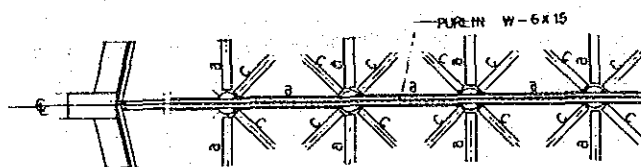
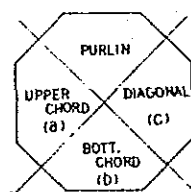
1st FLOOR



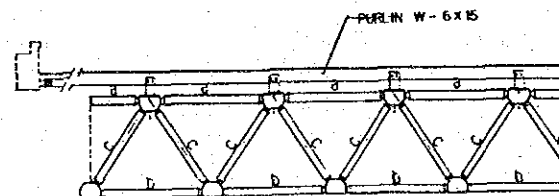
ROOF FLOOR



ROOF FRAMING PLAN

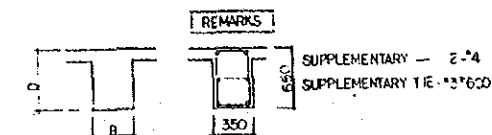


PIPE MEMBER AND BOLT SCHEDULE			
MARKS	PIPE SIZE	APPLICATION	BOLT SIZE
B	6" x 0.280	CHORD	M52
D	6" x 0.280	DITTO	DITTO
C	5" x 0.375	DIAGONAL	M33



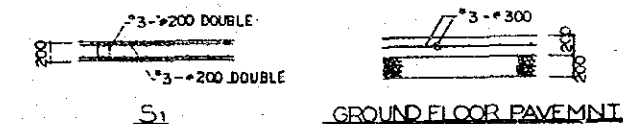
SECTION A

GIRDER AND BEAM

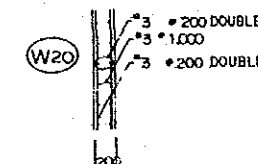


MARKS	B1		B2		B3
	ALL SEC.	END	CTR.	ALL SEC.	
B x D	350 x 650	350 x 650	350 x 650	250 x 350	
TOP. BARS	2-#8	6-#8	2-#8	2-#8	
BOTT. BARS	2-#8	2-#8	4-#8	2-#8	
STIRRUPS	#3-#250	#3-#250	#3-#250	#3-#250	

SLAB

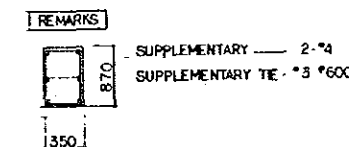


WALL



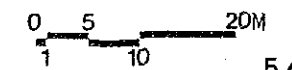
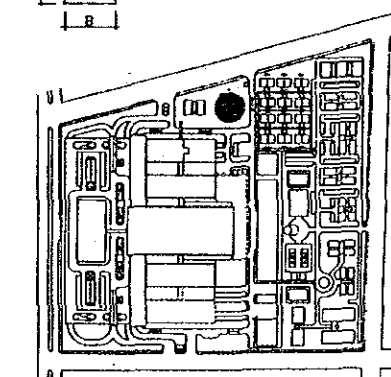
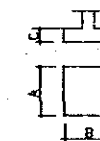
FOUNDATION GIRDER

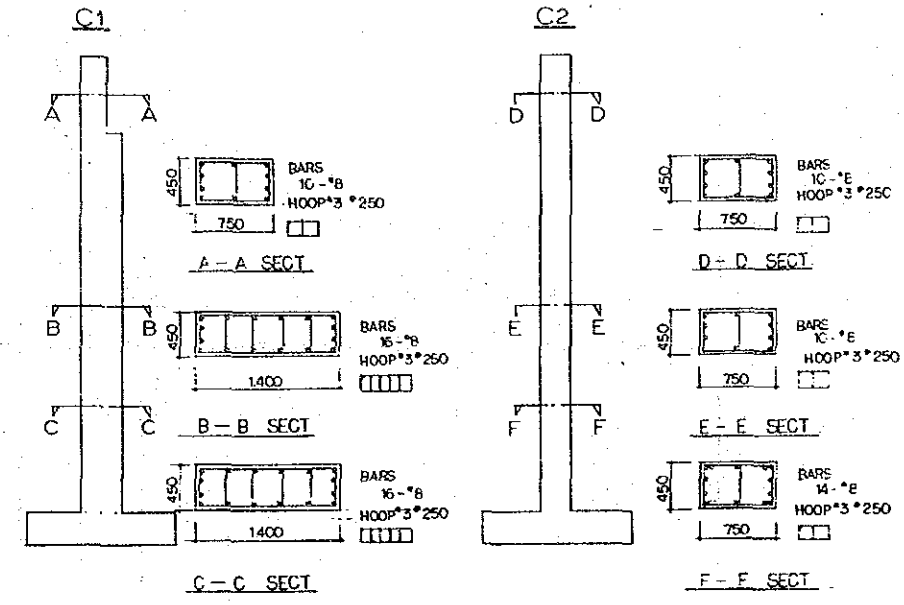
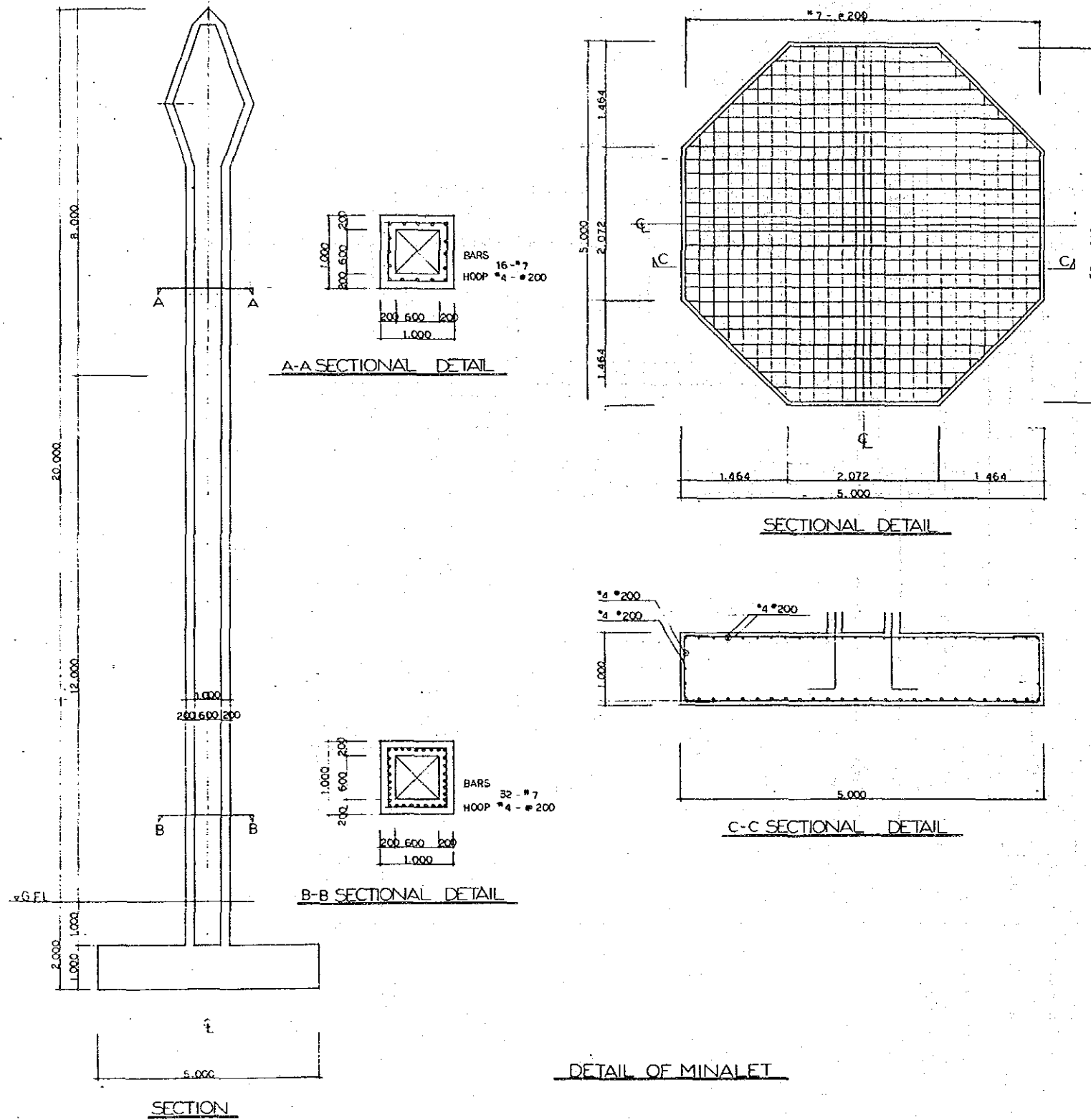
MARKS	FB1
POSITION	ALL SEC.
B x D	350 x 870
TOP. BARS	3-#8
BOTT. BARS	3-#8
STIRRUPS	#3-#250



FOOTING

MARKS	F1		F2
	A	4.000	1.000
	B	2.500	1.000
SIZE	C	1.100	500
MAIN BARS	#7-#200	#6-#200	#6-#200
DISTRIBUTING BARS	#5-#200	#6-#200	#6-#200



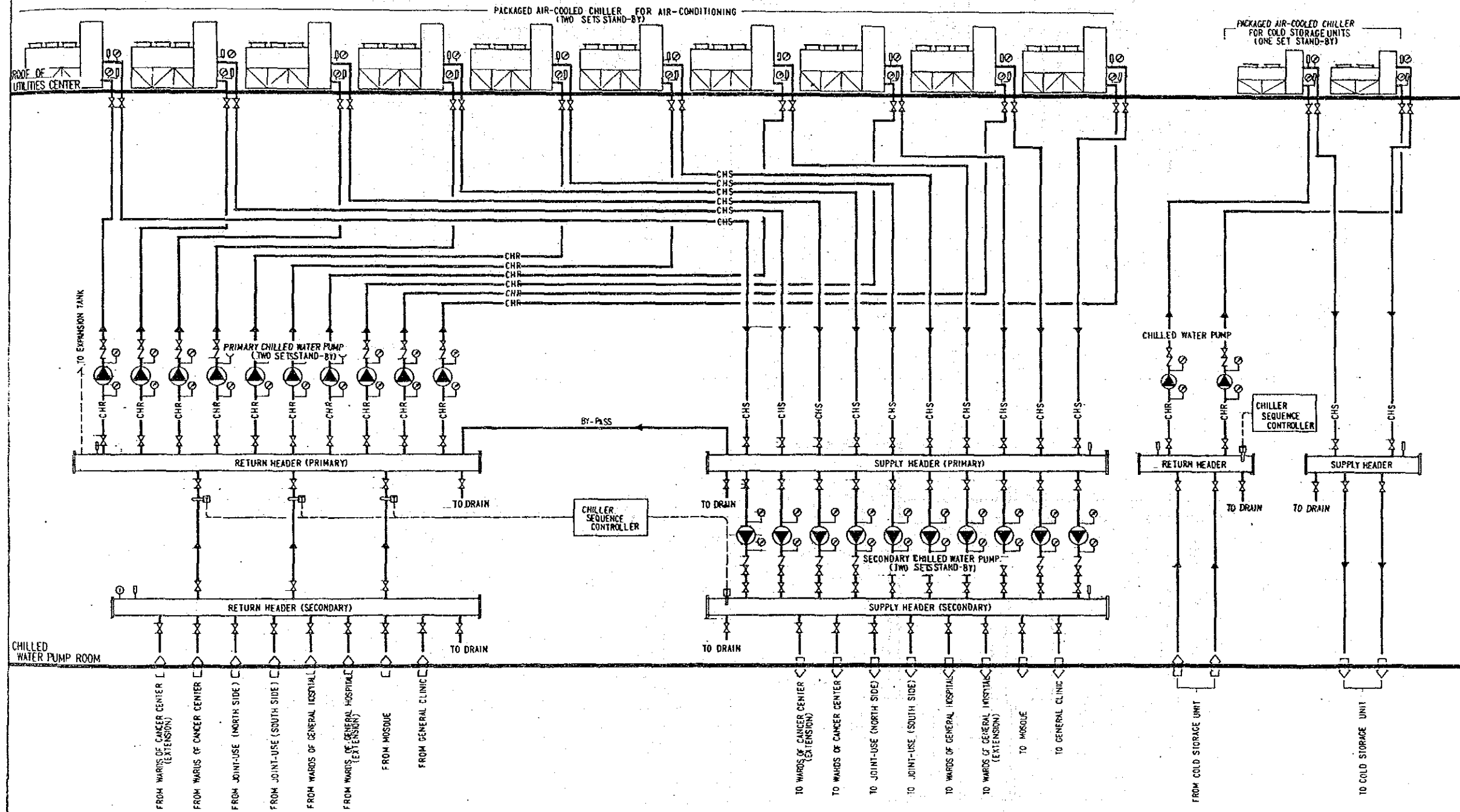


COLUMN OF MOSQUE

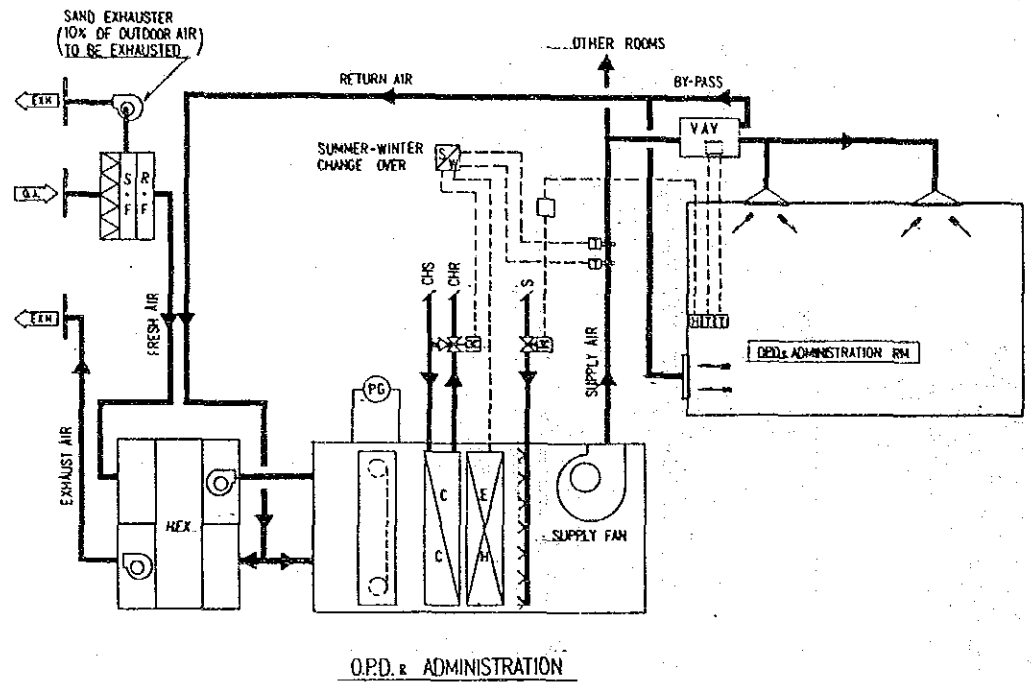
GENERAL NOTE

CONCRETE	MOSQUE	fc = 3,000 psi	(COMPRESSIVE STRENGTH AT 28 DAYS)
	MINARET	fc = 4,000 psi	
REINFORCEMENT	MOSQUE	Gr = 40	(fy = 40,000 psi)
	MINARET	Gr = 60	(fy = 60,000 psi)
STRUCTURAL STEEL		Gr = 36	
SOIL BEARING CAPACITY		8,200 psi	(40 t/m ²)

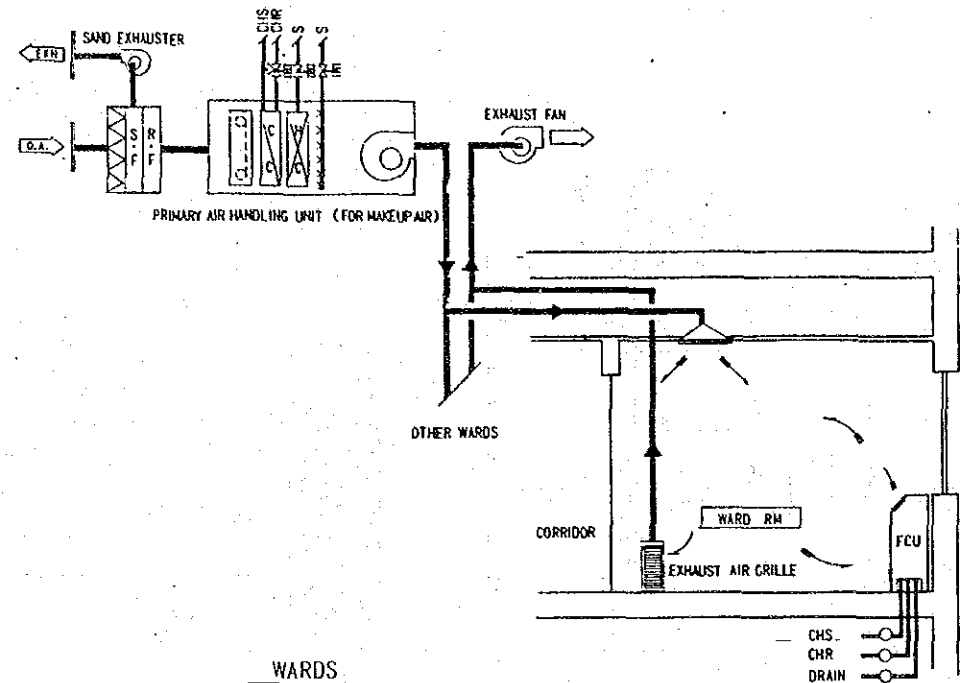
SYMBOLS	
	PRESSURE GAUGE
	THERMOMETER
	GATE VALVE
	CHECK VALVE
	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	THERMOSTAT



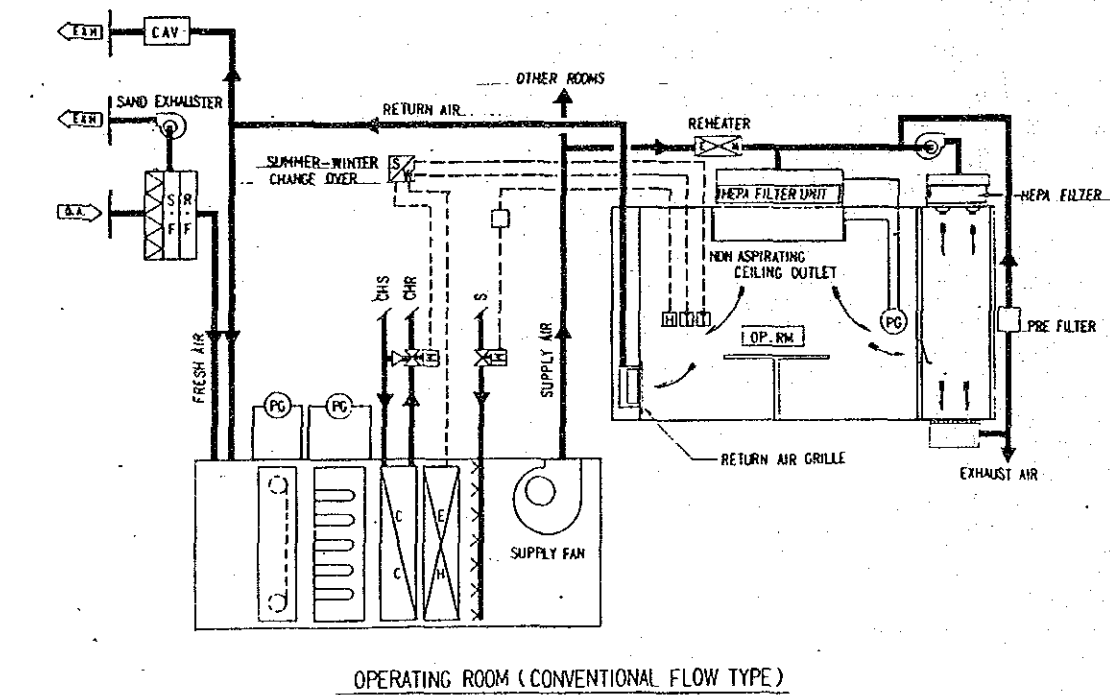
REFRIGERATION SYSTEM DIAGRAM



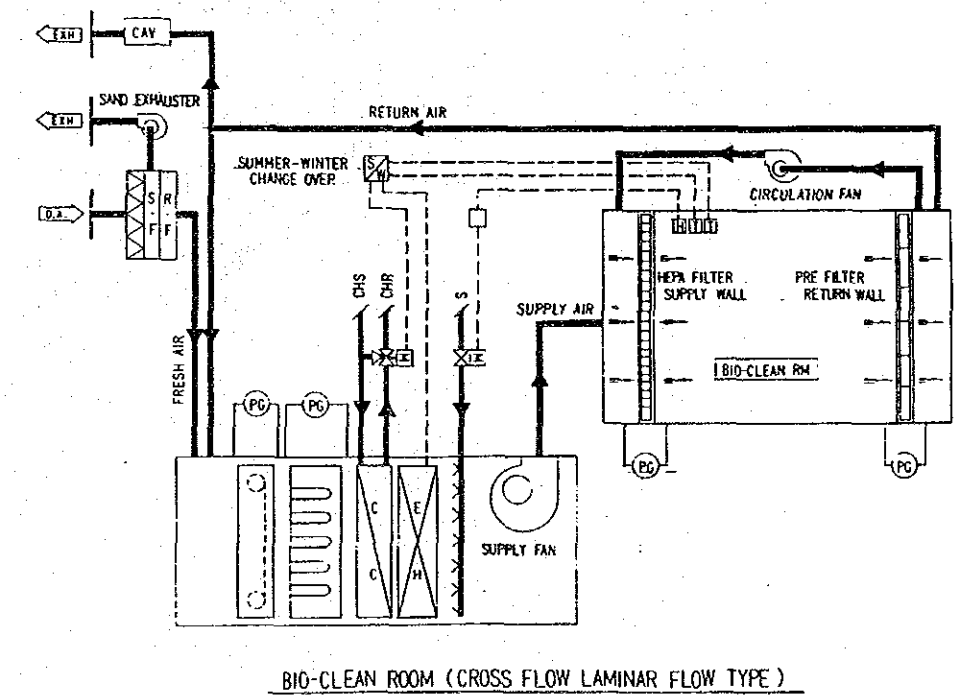
O.P.D. & ADMINISTRATION



WARDS



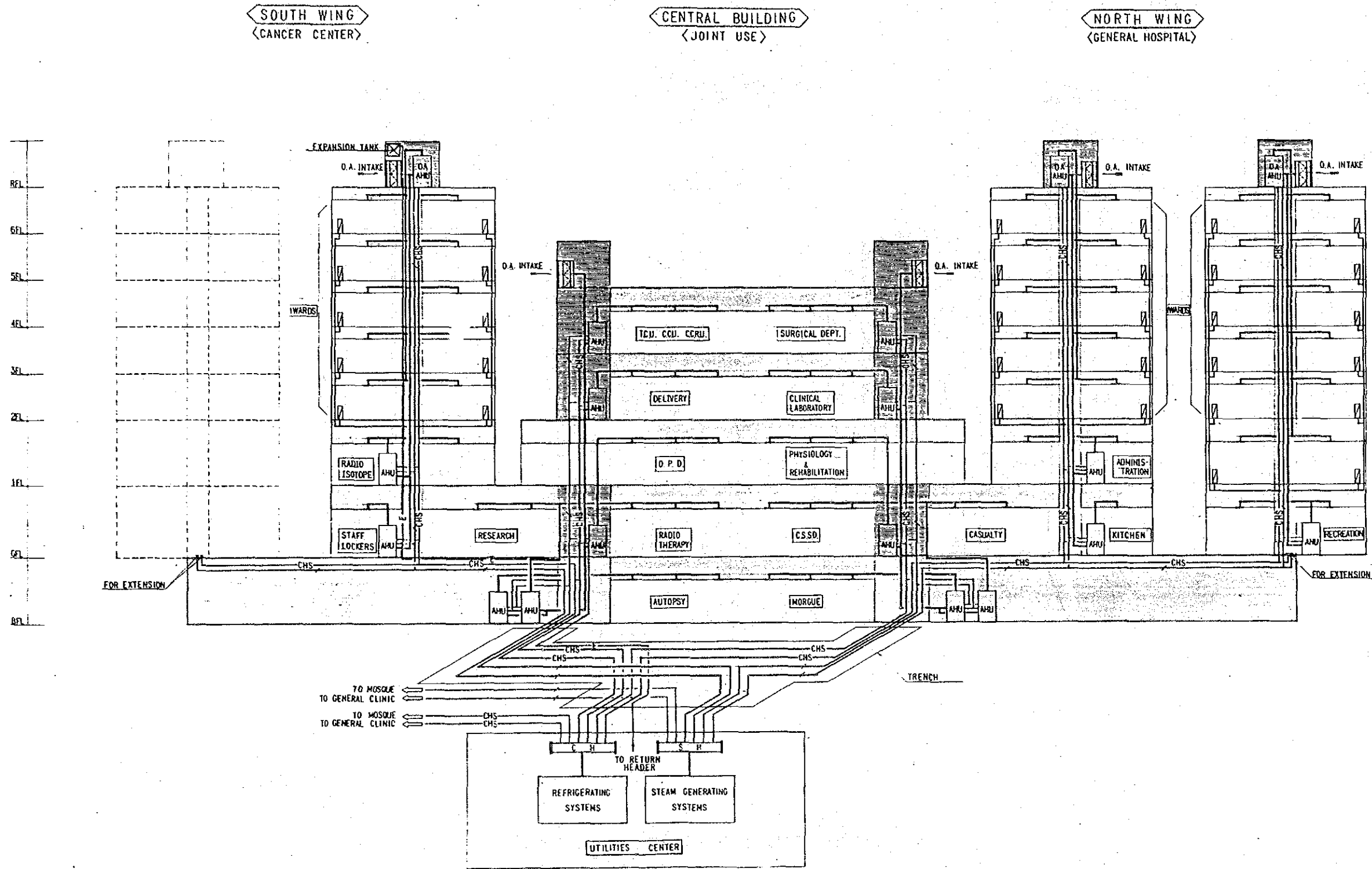
OPERATING ROOM (CONVENTIONAL FLOW TYPE)



BIO-CLEAN ROOM (CROSS FLOW LAMINAR FLOW TYPE)

SYMBOLS & ABBREVIATION

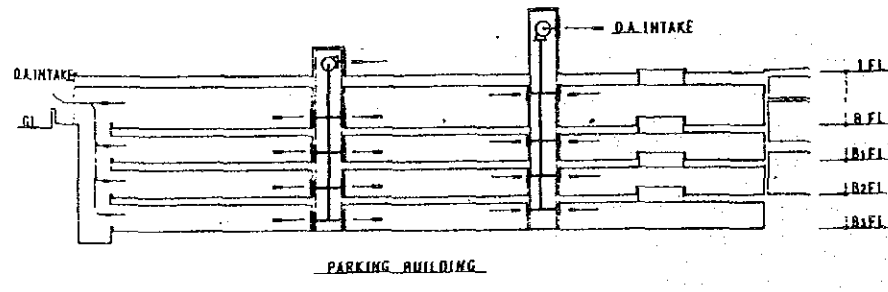
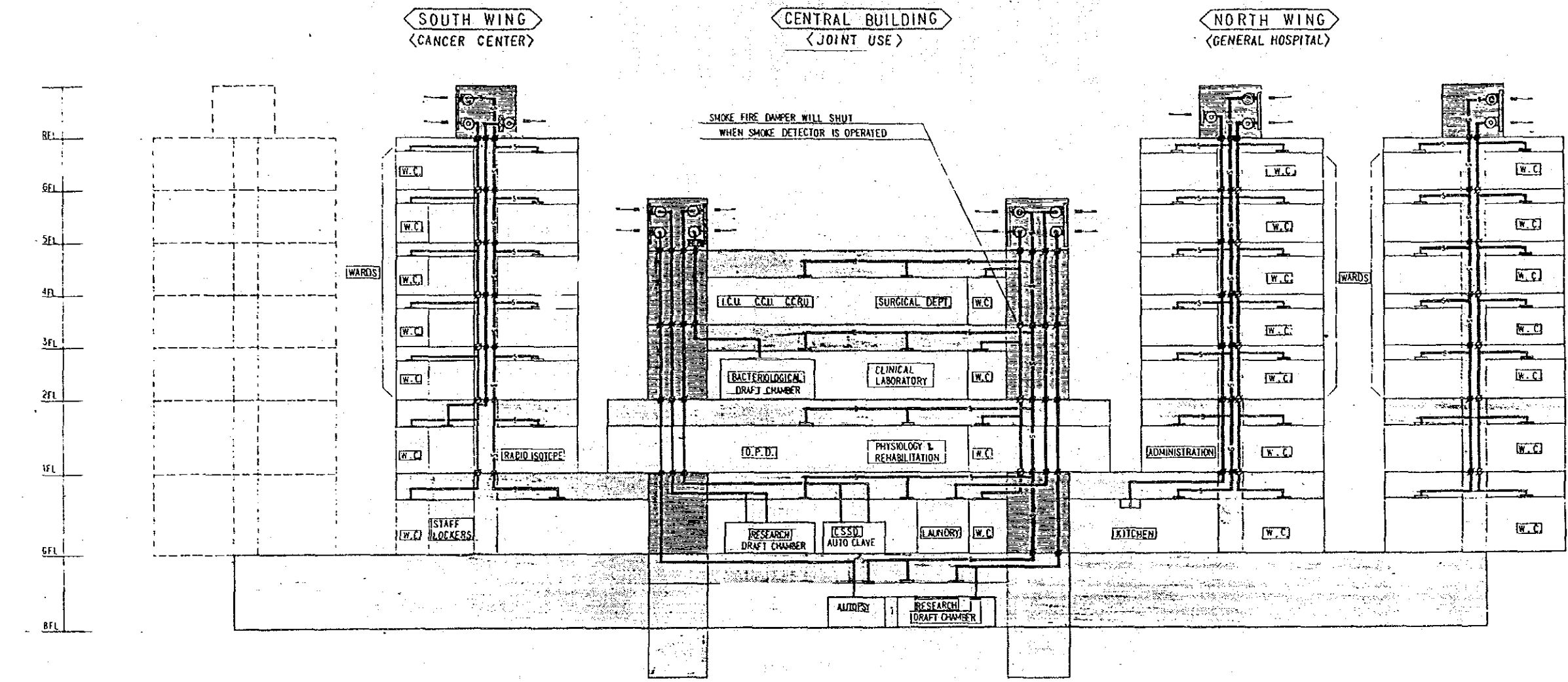
	OUTDOOR AIR TREATMENT UNIT (WITH SAND FILTER)
	HEAT EXCHANGER (AIR SOURCE TYPE WITH FAN)
	ROLL FILTER (AUTOMATIC DRIVE TYPE)
	INTERMEDIATE FILTER
	CHILLED WATER COIL
	HEATING COIL (STEAM)
	ELECTRIC HEATER
	STEAM SPRAY NOZZLE (USE DRY STEAM)
	TWO-WAY VALVE
	THREE-WAY VALVE
	VARIABLE AIR VOLUME CONTROL SYSTEM (BY-PASS TYPE)
	CONSTANT AIR VOLUME CONTROL SYSTEM
	PRESSURE GAUGE
	THERMOSTAT
	HUMIDISTAT
	THERMOSTAT (DUCT INSERT TYPE)
	SUPPLY OUTLET CEILING DIFFUSER
	EXHAUSTED AIR GRILLE
	OUTDOOR AIR
	EXHAUSTED AIR
	FAN COIL UNIT



SYMBOLS

-CHS-	CHILLED WATER SUPPLY
---	STEAM SUPPLY
---	AIR DUCT
---	CHILLED WATER SUPPLY HEADER
---	STEAM SUPPLY HEADER
---	OUTDOOR AIR TREATMENT UNIT (WITH SAND FILTER)
---	PRIMARY AIR HANDLING UNIT
---	AIR HANDLING UNIT
---	FAN COIL UNIT
-E-	EXPANSION

CHILLED WATER SUPPLY AND AIR DISTRIBUTION SYSTEM DIAGRAM

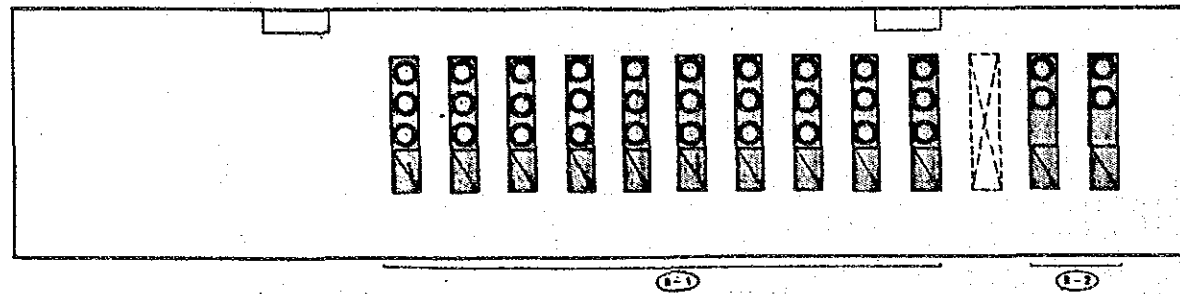


VENTILATING AND SMOKE EXHAUSTING SYSTEM DIAGRAM

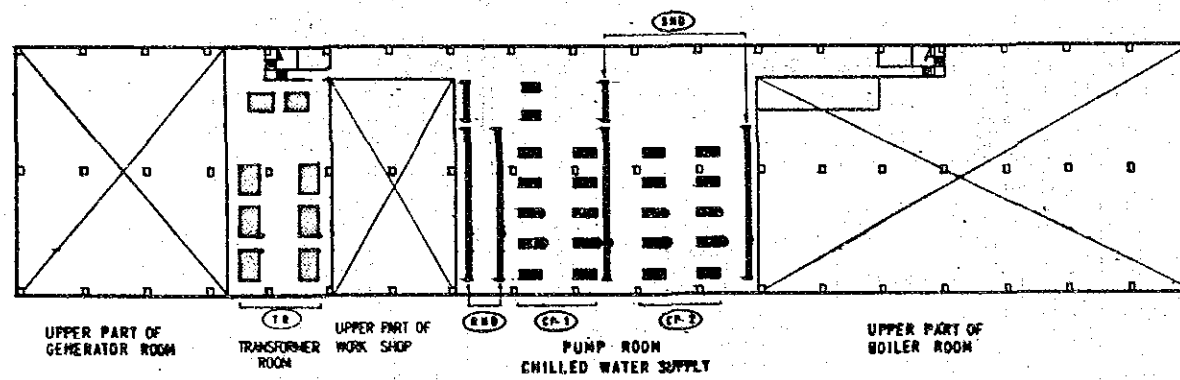
SYMBOLS

	DUCT (VENTILATION)
	DUCT (SMOKE EXHAUST)
	GRILLE
	SMOKE EXHAUST GRILLE
	FIRE DAMPER
	SMOKE FIRE DAMPER
	CENTRIFUGAL FAN (FOR VENTILATION)
	CENTRIFUGAL FAN (FOR SMOKE EXHAUST)
	CHARCOAL FILTER
	HEPA FILTER
	WATER CLOSET

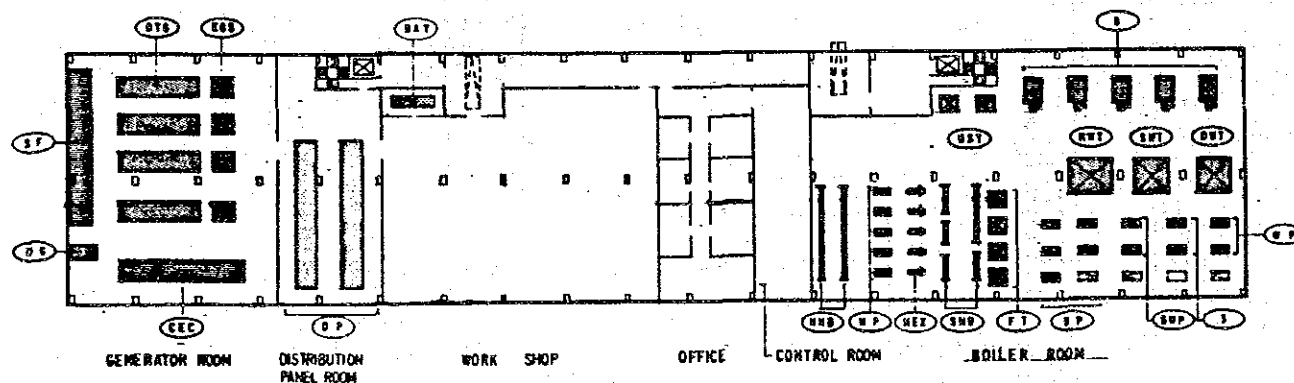
ROOF PLAN



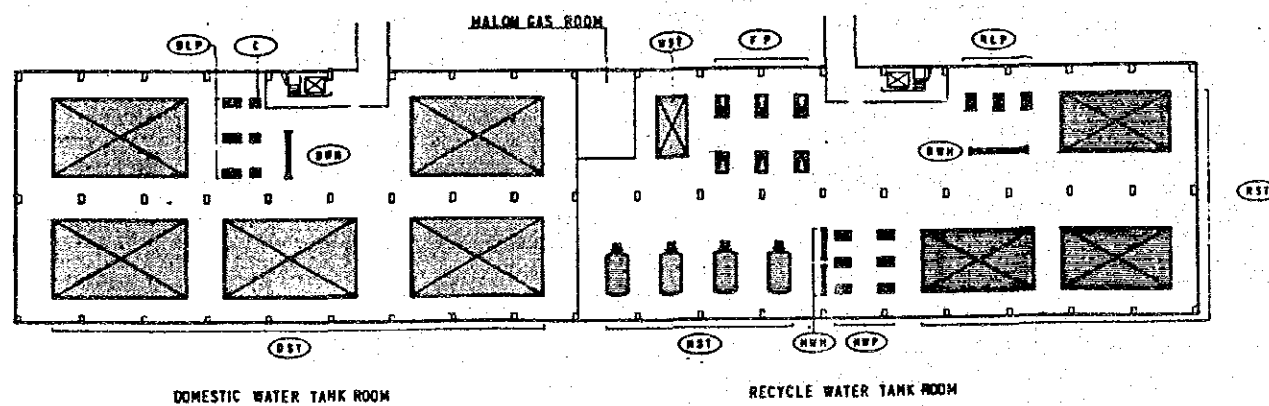
1ST FLOOR PLAN



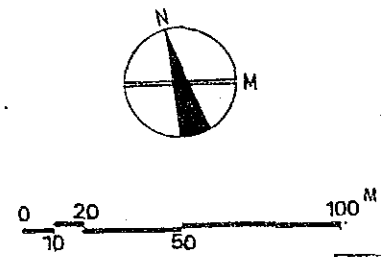
GROUND FLOOR PLAN



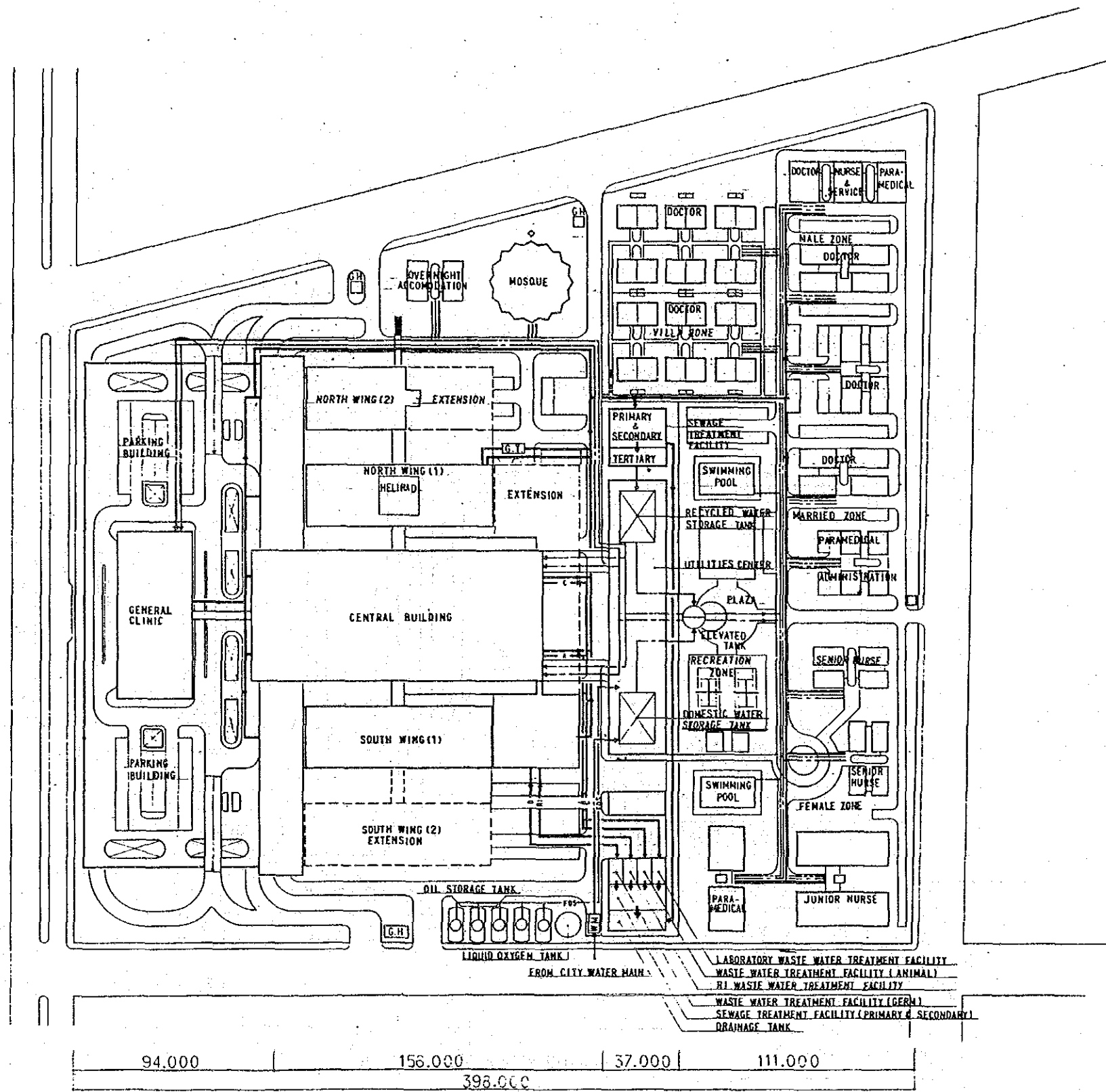
BASEMENT 1ST FLOOR PLAN



SYMBOLS	
(R-1)	PACKAGED AIR-COOLED CHILLER (TEN SETS) (FOR AIR-CONDITIONING)
(R-2)	PACKAGED AIR-COOLED CHILLER (TWO SETS) (FOR COLD STORAGE UNITS)
(CP-1)	PRIMARY CHILLED WATER PUMP (FOR AIR-CONDITIONING)
(CP-2)	SECONDARY CHILLED WATER PUMP (FOR AIR-CONDITIONING)
(CP-3)	CHILLED WATER PUMP (FOR COLD STORAGE UNITS)
(SHD) (RHT)	CHILLED WATER SUPPLY & RETURN HEADER
(B)	FLUE TUBE-SMOKE TUBE BOILER (FIVE SETS)
(OST)	OIL SERVICE TANK
(HWI) (FT)	HOT WELL TANK & FLASH TANK
(SWT)	SOFTENED WATER STORAGE TANK
(DWT)	DOMESTIC WATER TANK
(HND) (SHD)	HOT WATER SUPPLY HEADER & STEAM HEADER
(HP)	HOT WATER SUPPLY PUMP
(HEX)	HEAT EXCHANGER
(BP)	FEED WATER PUMP (FOR BOILER)
(SWP)	SOFTENED WATER PUMP
(S)	SOFTENER
(WP)	RAW WATER PUMP
(DST) (RST)	DOMESTIC WATER & RECYCLED WATER STORAGE TANK
(WST)	WATER STORAGE TANK (FOR FIRE-FIGHTING)
(HST)	HOT WATER STORAGE TANK
(DLP) (RIP)	LIFT PUMP (DOMESTIC & RECYCLED WATER)
(FP)	FIRE PUMP (HYDRANT & SPRINKLER etc.)
(HWP)	HOT WATER CIRCULATION PUMP
(HND) (RWH) (HWH)	DOMESTIC WATER, RECYCLED WATER & HOT WATER SUPPLY HEADER
(-C)	CHILDRENATOR
(TR)	TRANSFORMER
(BAT)	BATTERY
(GTC)	GAS TURBINE GENERATOR SET
(DG)	DIESEL GENERATOR
(DP)	DISTRIBUTION PANEL
(CEC)	CONTROL & ELECTRICAL CUBICLES
(EGS)	EXHAUST GAS SILENCER
(SF)	ENGINE ROOM AIR INLET SILENCER & FILTER

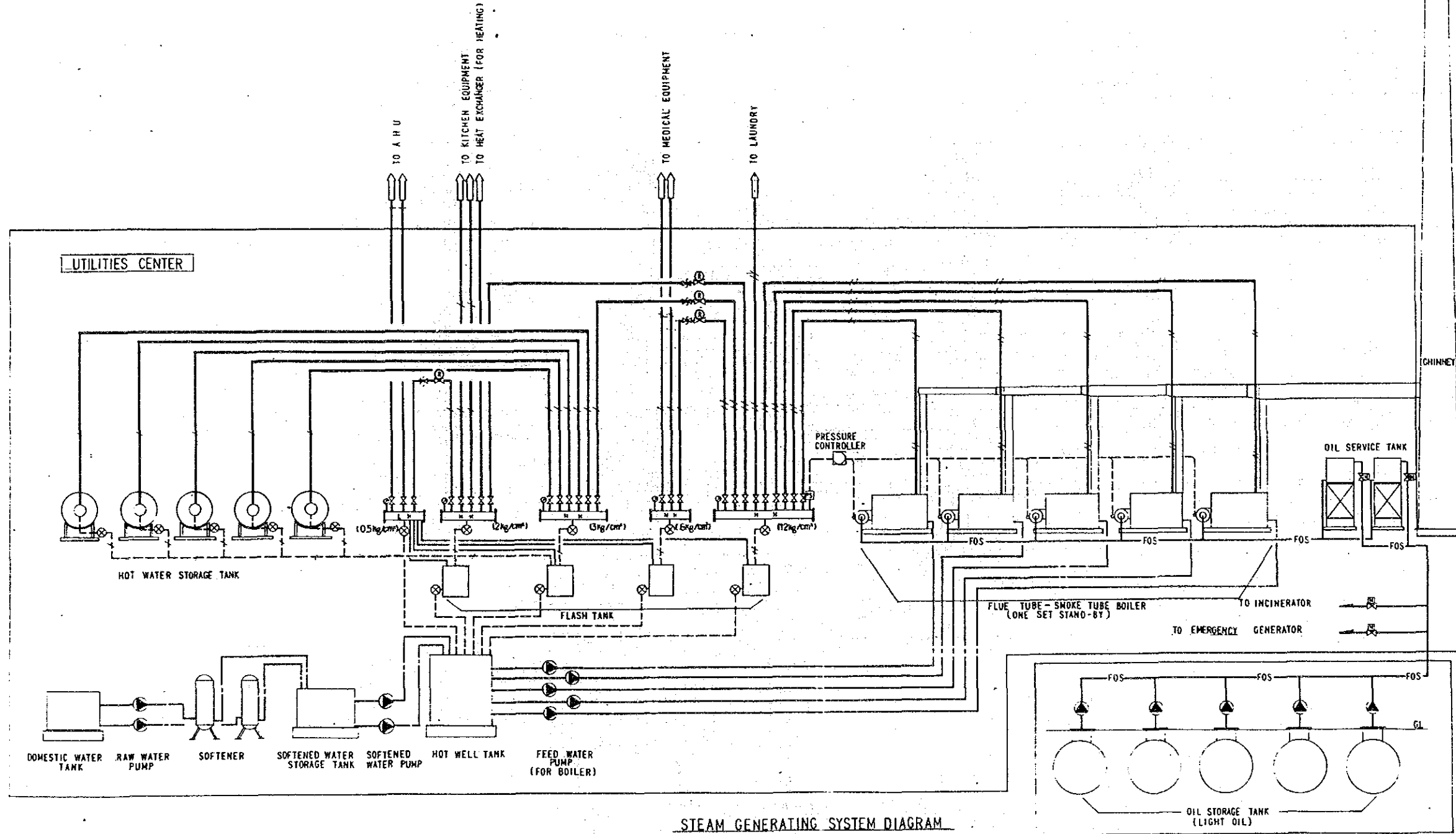


15,000
294,000
243,000
33,000



SYMBOLS

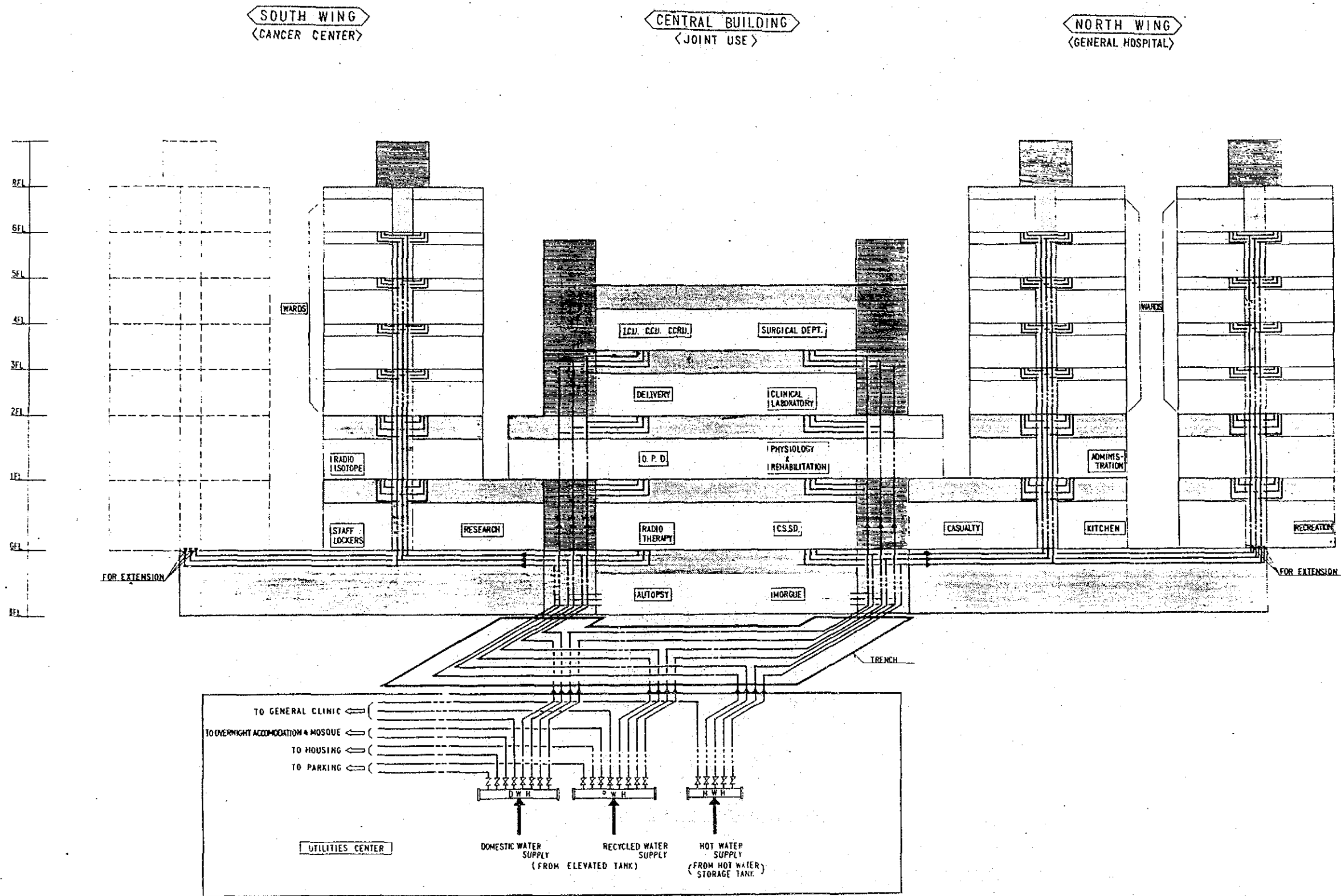
---	DOMESTIC WATER
---	RECYCLED WATER
---	SOIL & WASTE WATER
RI	RADIOACTIVE WASTE WATER
C	LABORATORY WASTE WATER
A	WASTE WATER (ANIMAL)
G	WASTE WATER (GERM)
FOS	FUEL OIL SUPPLY
W.M.	WATER METER
G.T.	GREASE TRAP



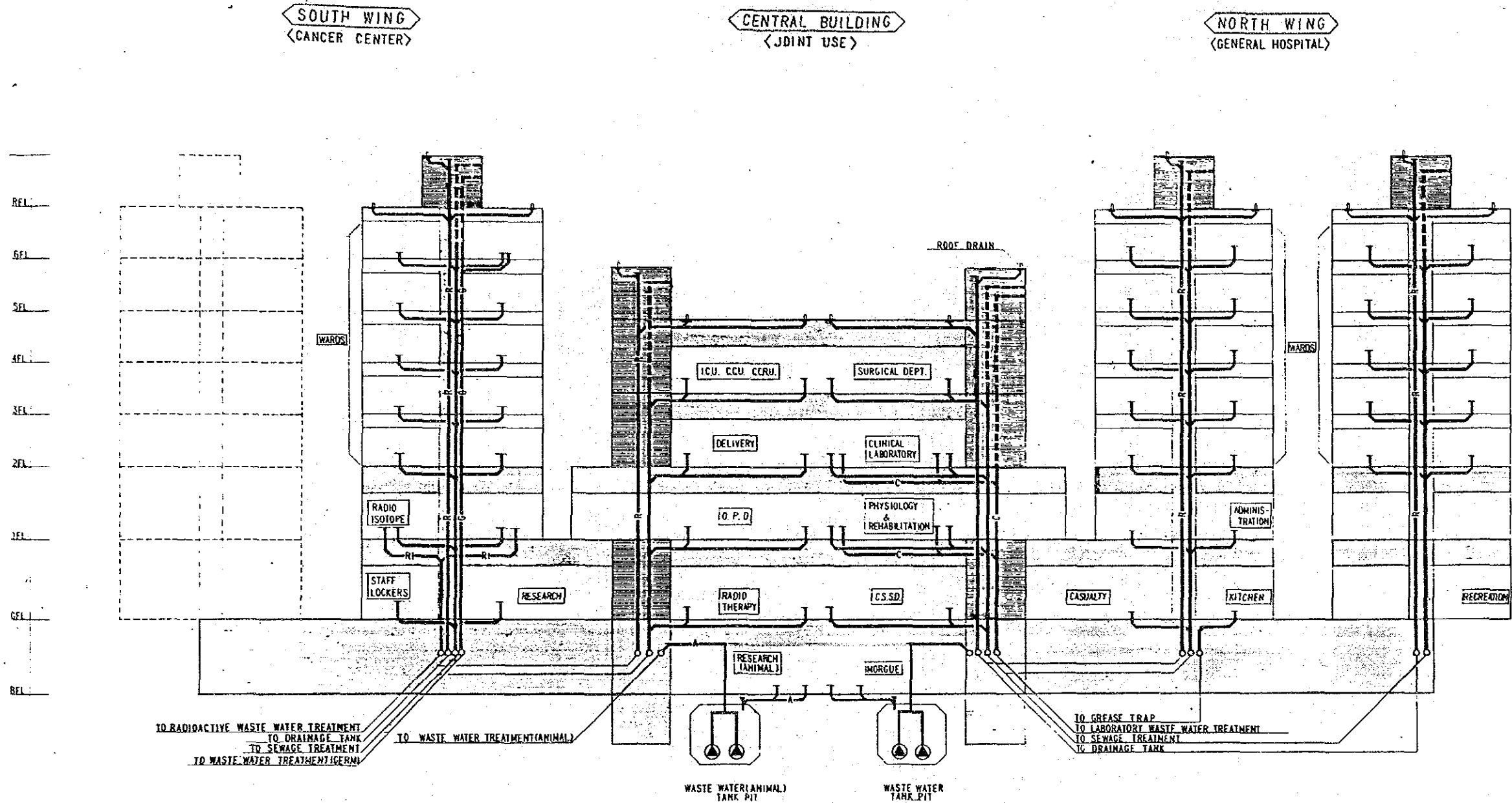
STEAM GENERATING SYSTEM DIAGRAM

SYMBOLS

	HIGH PRESSURE STEAM SUPPLY
	HIGH PRESSURE RETURN
	MEDIUM PRESSURE STEAM SUPPLY
	MEDIUM PRESSURE RETURN
	LOW PRESSURE STEAM SUPPLY
	LOW PRESSURE RETURN
	MAKE UP WATER
	FUEL OIL SUPPLY
	TWO WAY VALVE
	STEAM TRAP
	GLOBE VALVE
	PRESSURE REDUCING VALVE
	RELIEF VALVE
	HIGH PRESSURE STEAM HEADER
	MEDIUM PRESSURE STEAM HEADER
	LOW PRESSURE STEAM HEADER
	PRESSURE GAUGE
	PUMP
	AIR HANDLING UNIT



DOMESTIC WATER, HOT WATER AND RECYCLED WATER SUPPLY SYSTEM DIAGRAM



SYMBOLS

---	SOIL & WASTE WATER
-R-	ROOF DRAIN
-RI-	RADIOACTIVE WASTE WATER
-C-	LABORATORY WASTE WATER
----	VENT STACK
-G-	WASTE WATER (GERM)
-A-	WASTE WATER (ANIMAL)
⊕	PUMP

DRAINAGE SYSTEM DIAGRAM