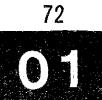
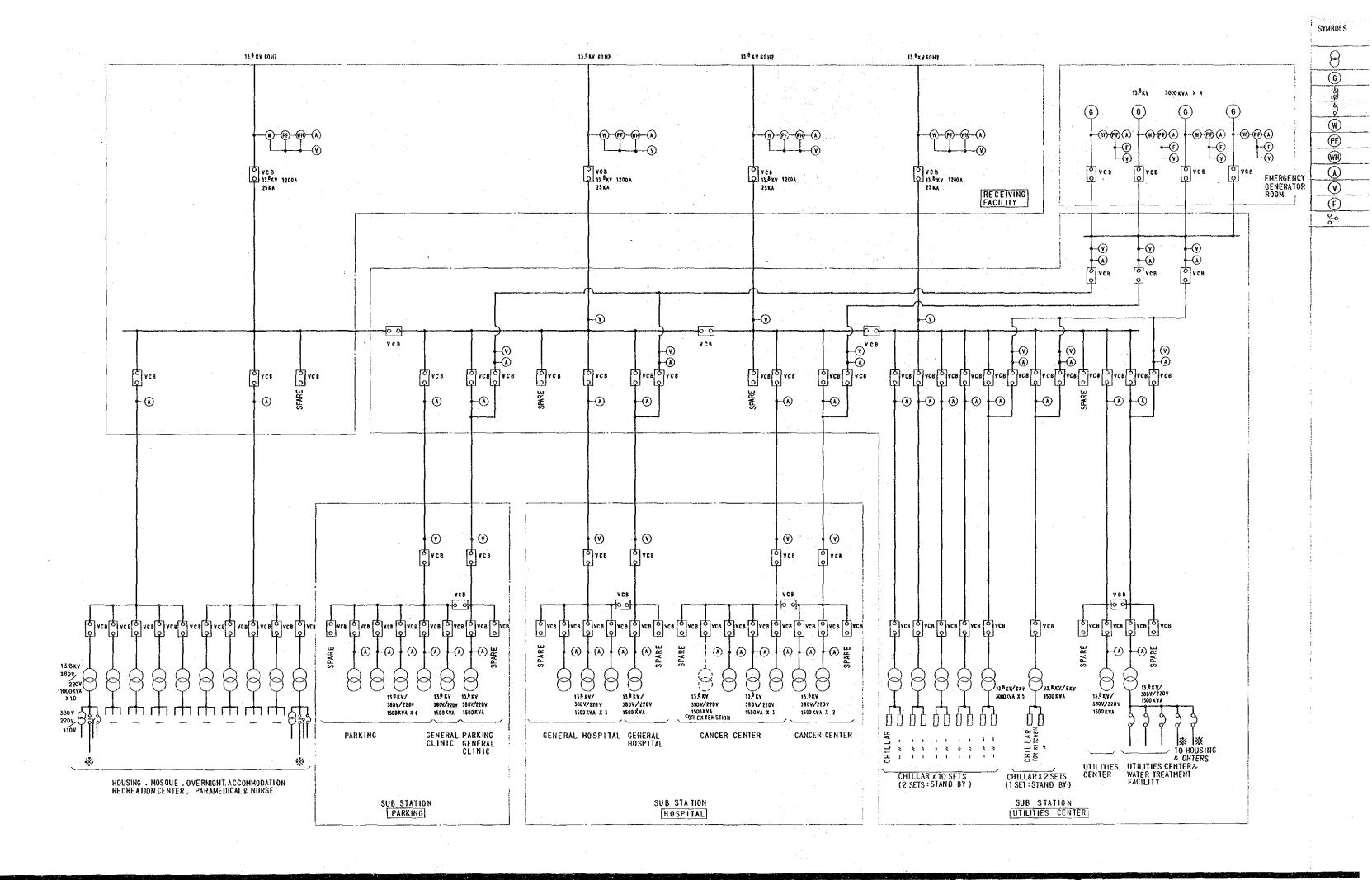


SYMBOL	\$		
RF]	RECEIVING FACILITIES		••••••••••••••••••••••••••••••••••••••
<u>55</u>	SUB-STATION		
D P	DISTRIBUTION PANEL		
Ĩa	TRANSFORMER		
MDF	MAIN DISTRIBUTION FLAME		
IDF	INTERMEDIATE DISTRBUTION FLAM	E	
	POWER		
640. 30 SM	TELEPHONE		
	· · · · · · · · · · · · · · · · · · ·		·
	· · · · · · · · · · · · · · · · · · ·		

# POWER & TELEPHONE INTAKE SYSTEM PLAN



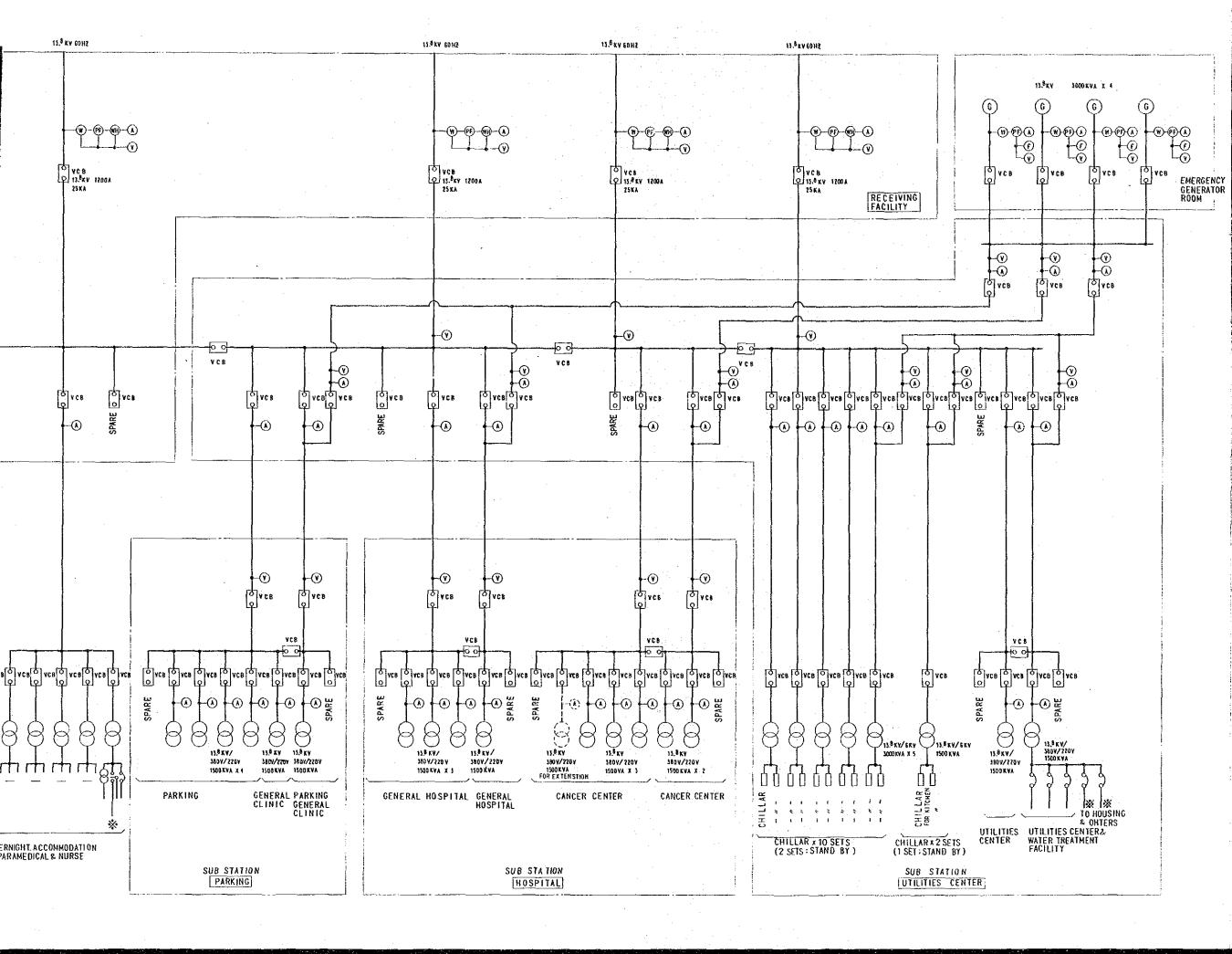


**BASIC DESIGN** 

JAPAN INTERNATIONAL COOPERATION AGENCY

ELECTRICAL

POWER DISTRIBUTION SYSTEM DIAGRAM



BASIC DESIGN

JAPAN INTERNATIONAL COOPERATION AGENCY ELECTRICAL

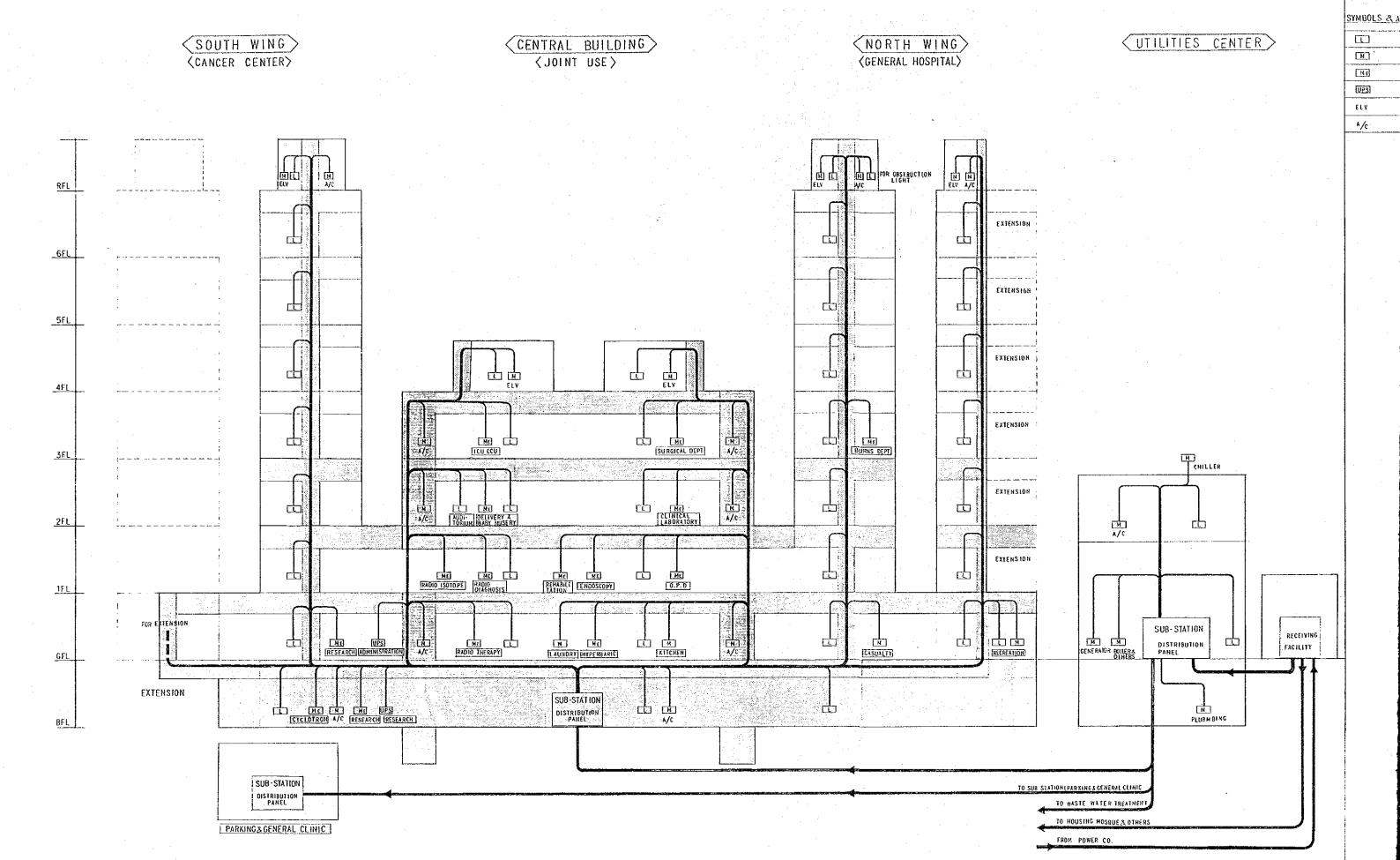
POWER DIS DIAGRAM



STMBULS	
8	TRANSFORMER
6	A.C. GENERATOR
ģ	VACUUM CIRCUIT BREAKER
à	MOLDED CASE CIRCUIT BREAKER
W	WATT METER
PF	POWER FACTOR METER
(WH)	WATT-HOUR METER
A	AMMETER
(v) ·	VOLT - METER
F	FREQENCY METER
<u>0</u> 0	DOUBLE THROW SWITCH

POWER DISTRIBUTION SYSTEM SKELETON



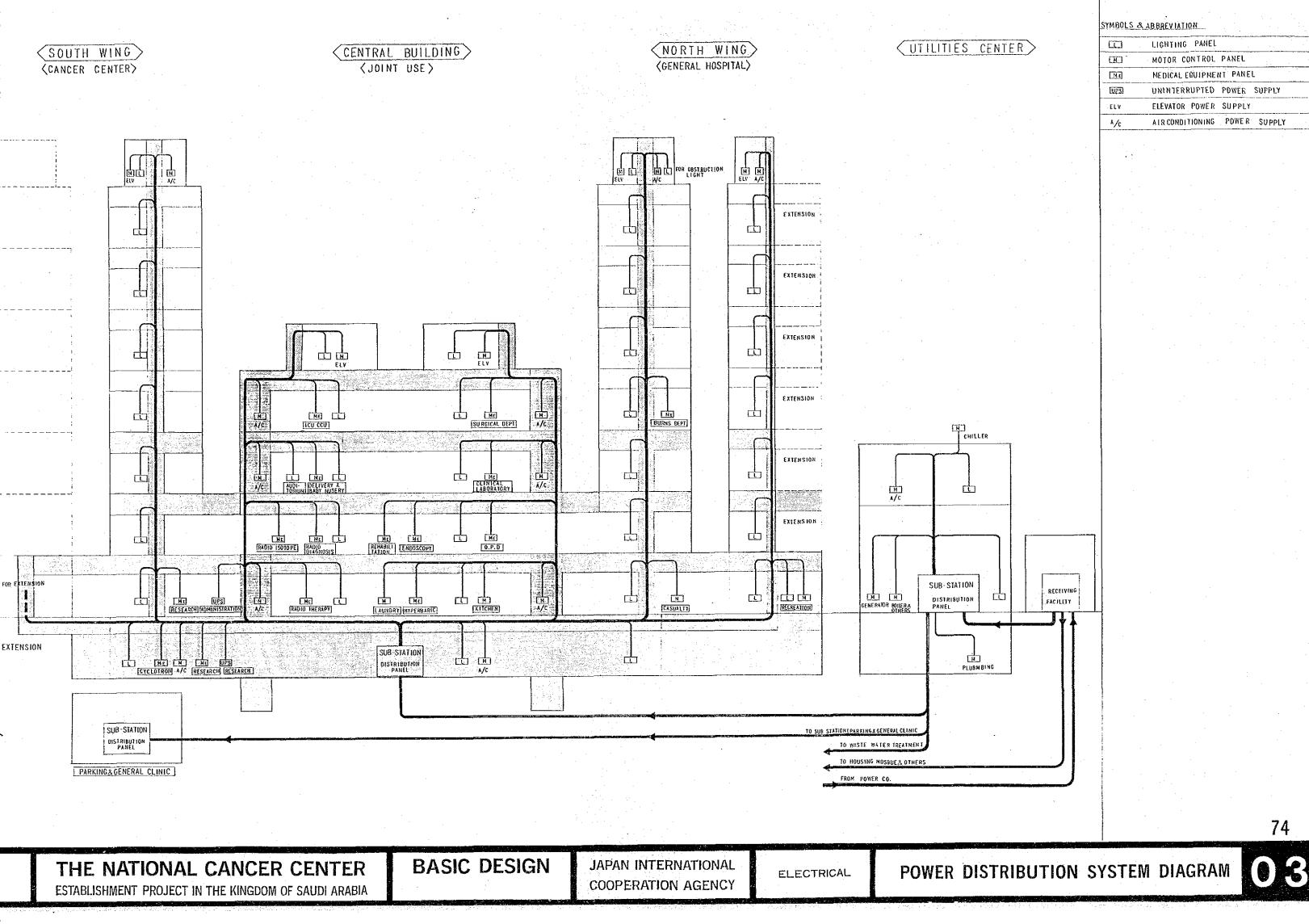


**BASIC DESIGN** 

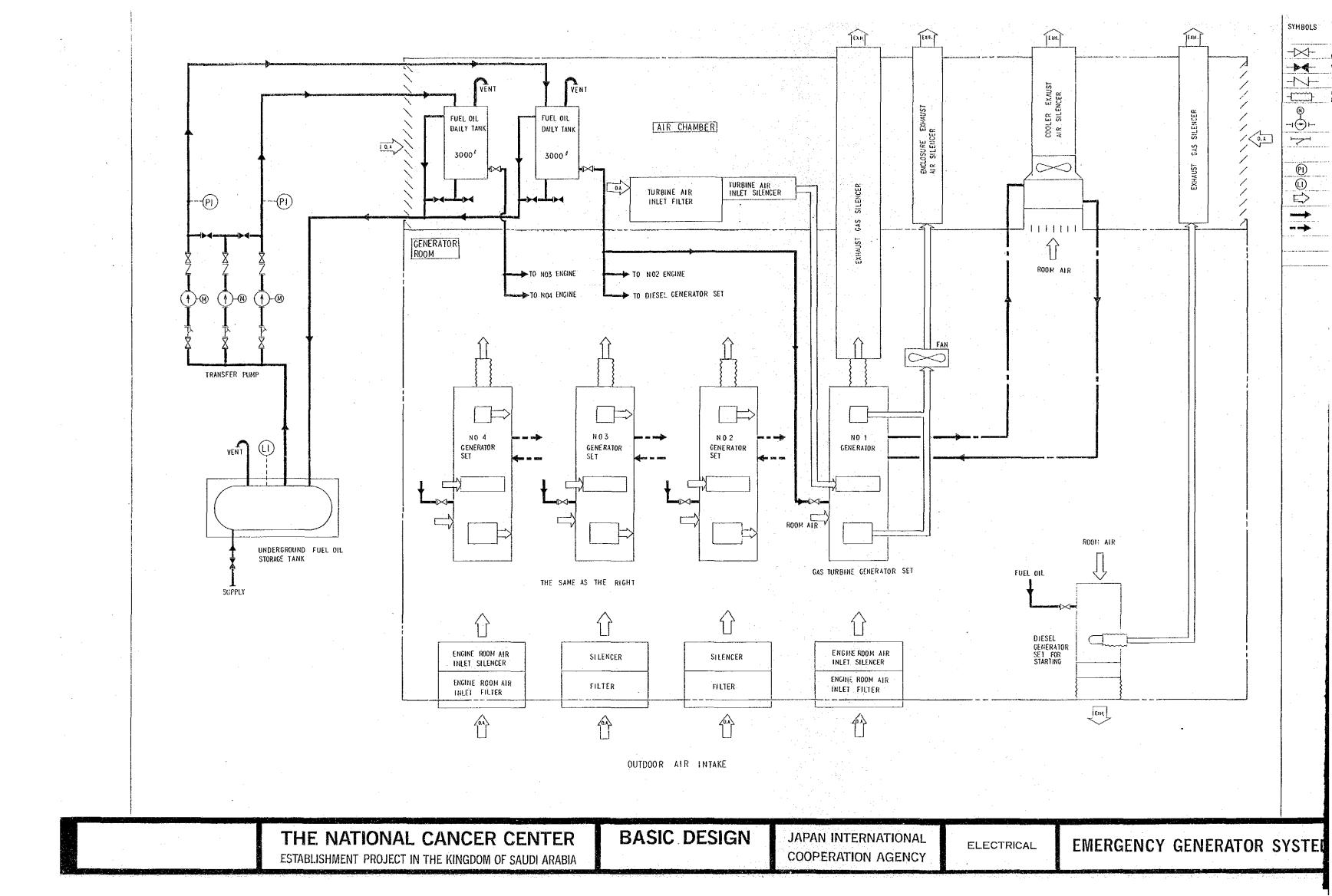
JAPAN INTERNATIONAL **COOPERATION AGENCY** 

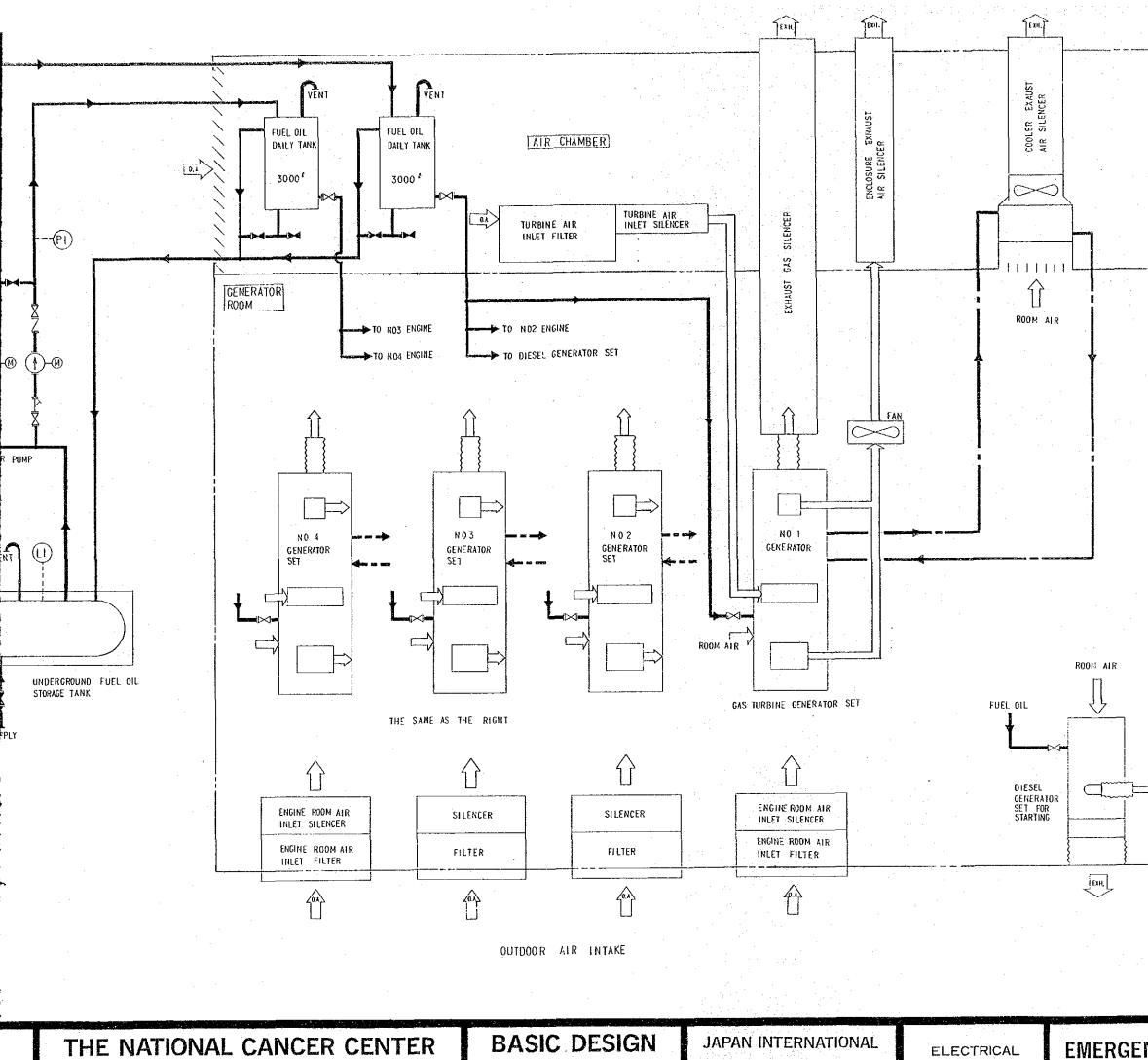
ELECTRICAL

### POWER DISTRIBUTION SYSTEM



	LIGHTING PANEL	
	MOTOR CONTROL PANEL	
14 2	NEDICAL EQUIPMENT PANEL	
1025)	UNINTERRUPTED POWER SUPPLY	
ELV	ELEVATOR POWER SUPPLY	
×/c	AIR CONDITIONING POWER SUPPLY	

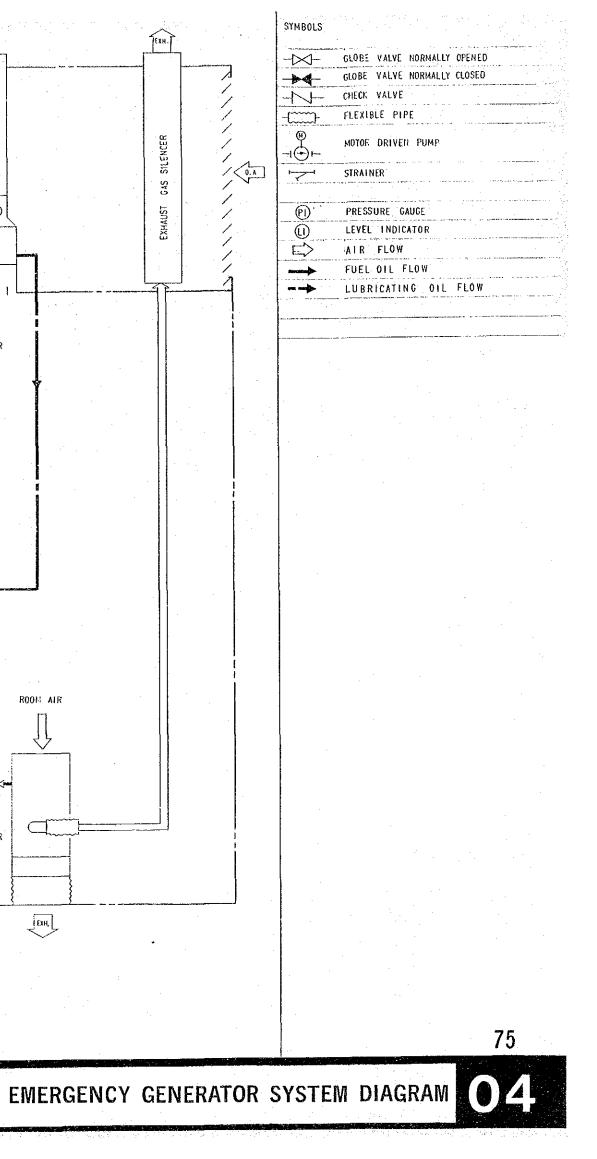


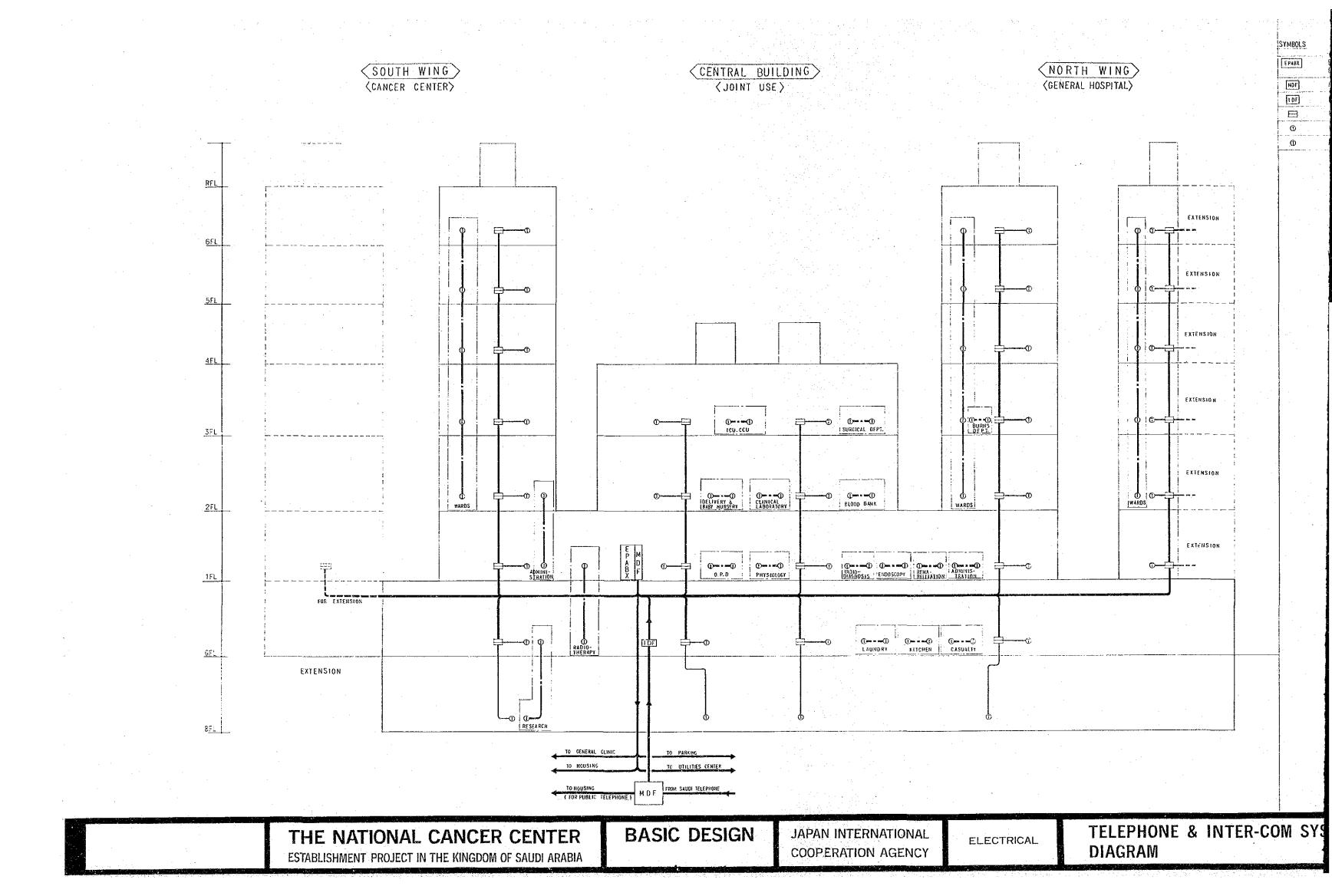


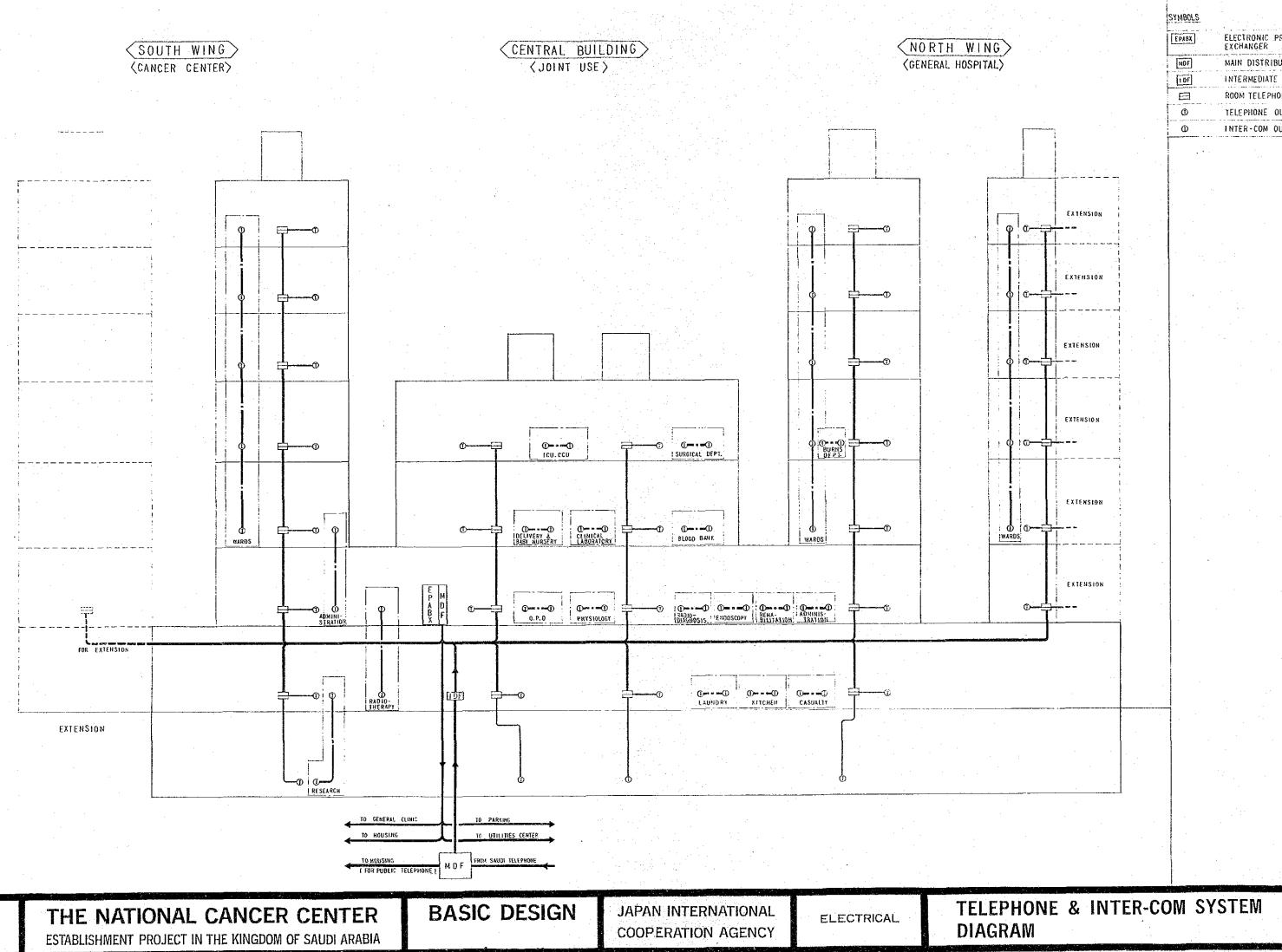
ESTABLISHMENT PROJECT IN THE KINGDOM OF SAUDI ARABIA

COOPERATION AGENCY

ELECTRICAL



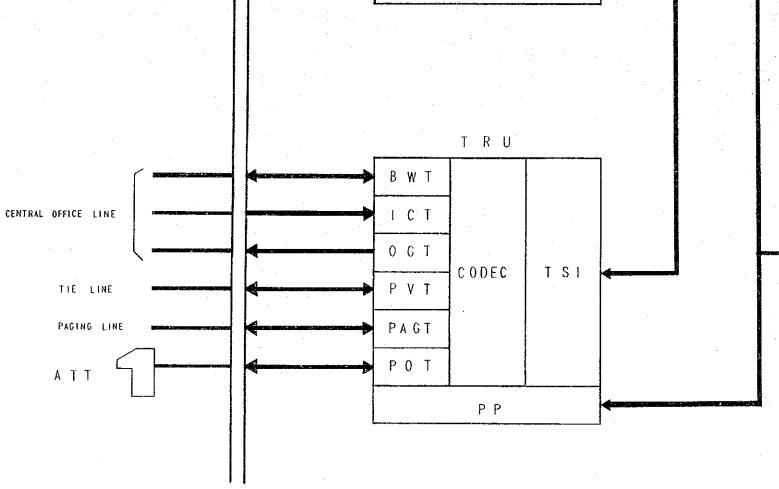


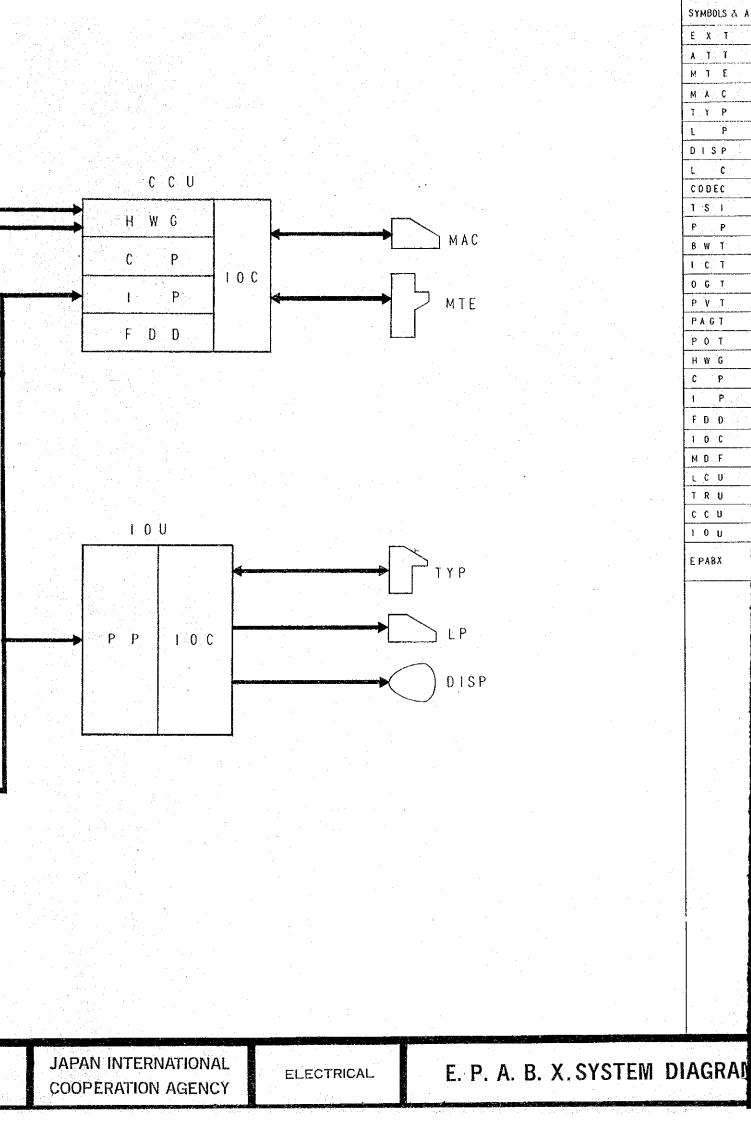


SYMBOLS	
[EPA8X]	ELECTRONIC PRIVATE AUTOMATIC BRANCH EXCHANGER
MDF	MAIN DISTRIBUTION FRAME
IDF	INTERMEDIATE DISTRIBUTION FRAME
E	ROOM TELEPHONE TERMINAL BOX
Ø	TELEPHONE OUTLET
Ð	INTER-COM OUTLET
	a construction de la construction de



BASIC DESIGN





ΤSΙ

LC

L C U

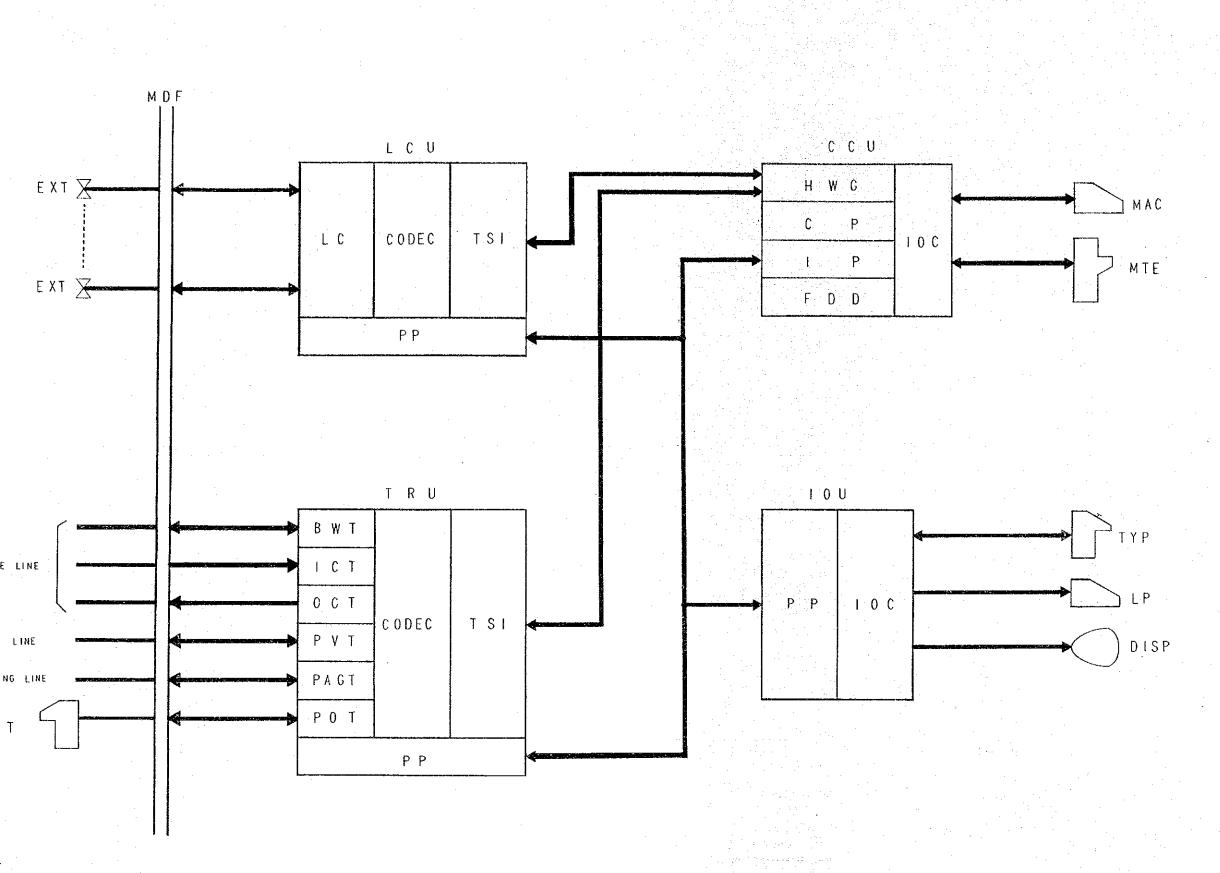
CODEC

РΡ

MDF

EXTX

E XT 🔀

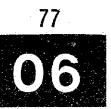


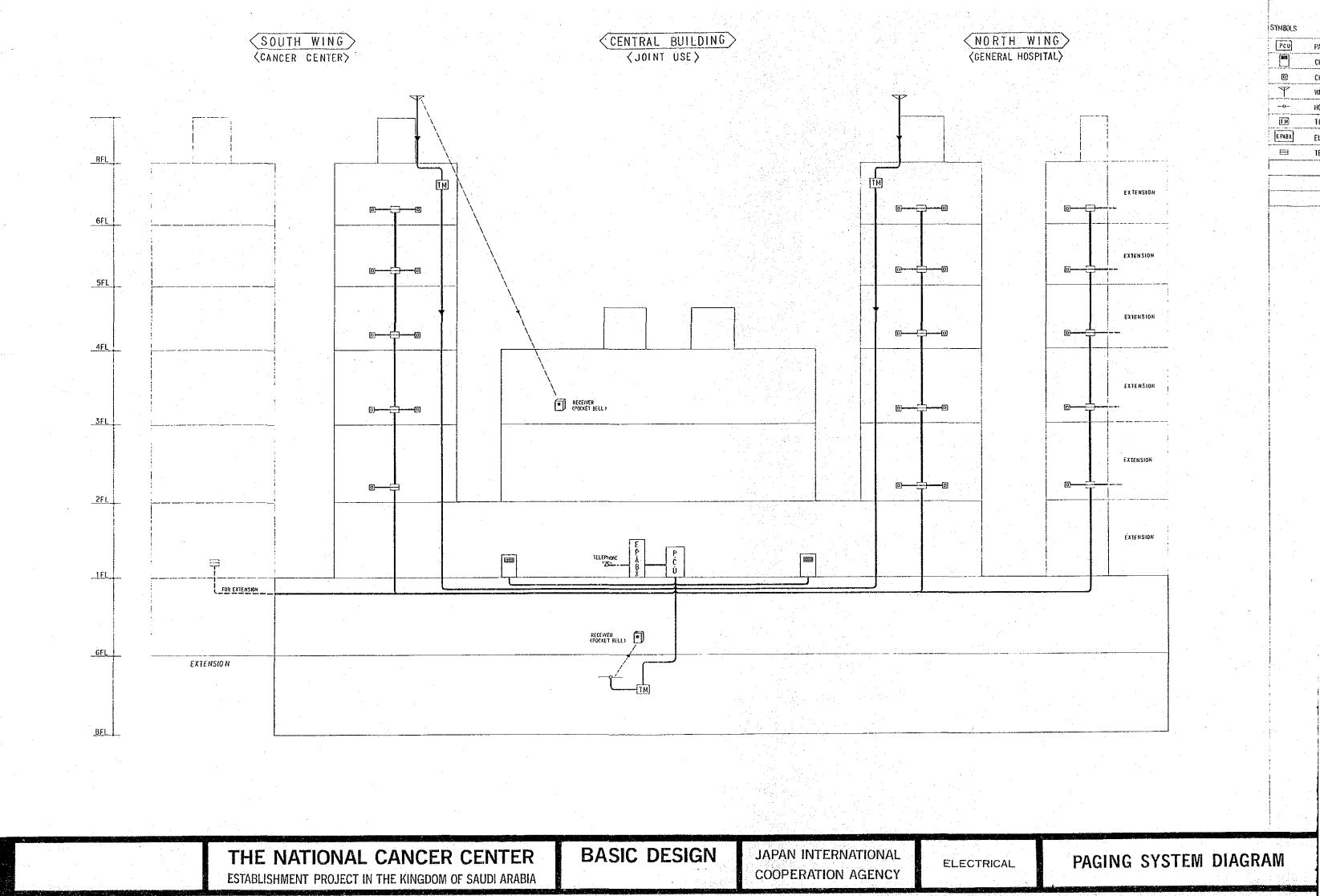
 THE NATIONAL CANCER CENTER
 BASIC DESIGN
 JAPAN INTERNATIONAL
 ELECTRICAL
 ELECTRICAL
 E. P. A.

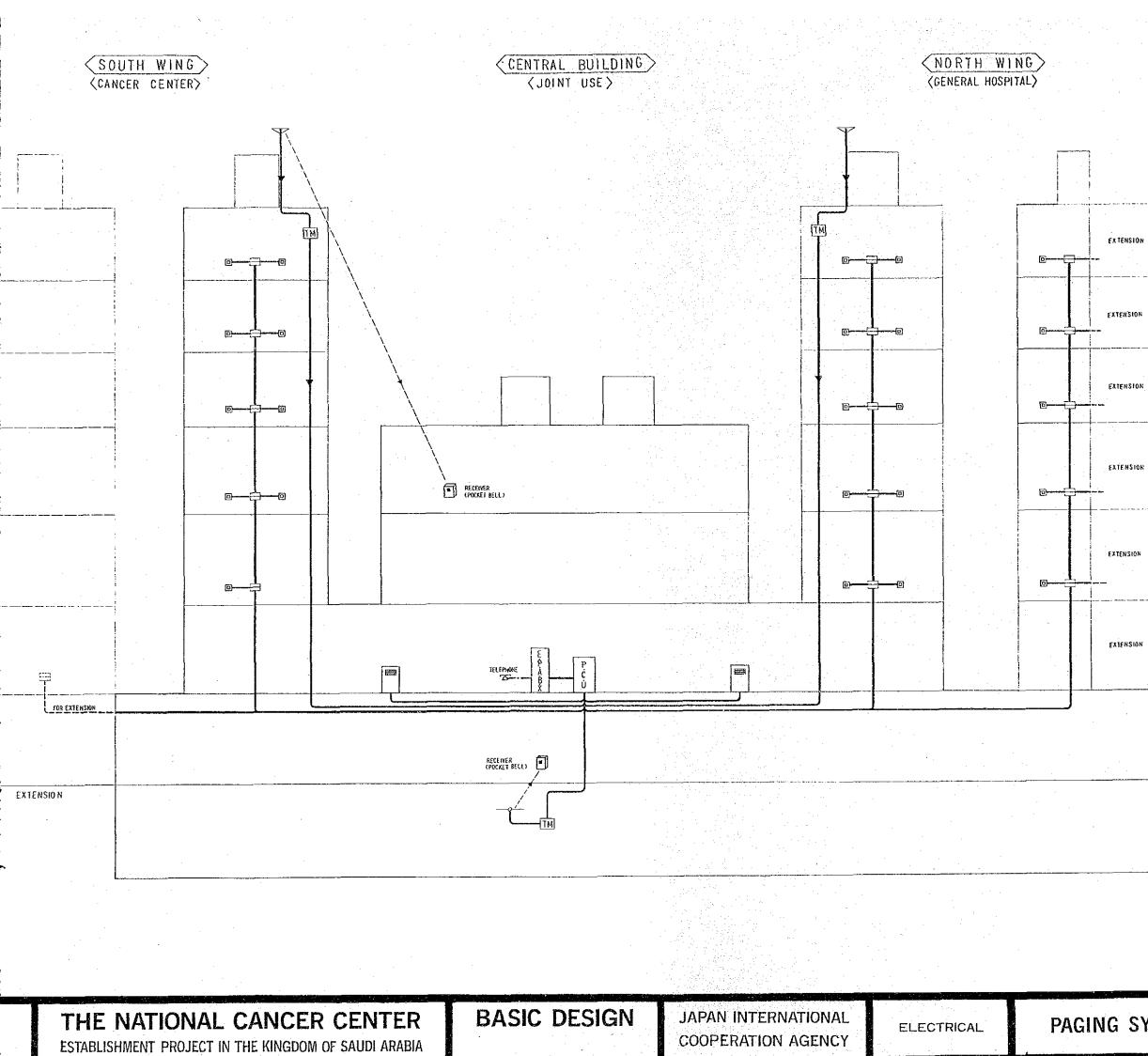
 ESTABLISHMENT PROJECT IN THE KINGDOM OF SAUDI ARABIA
 BASIC DESIGN
 JAPAN INTERNATIONAL
 ELECTRICAL
 E. P. A.

ЕХТ	EXTENSION
ATT	ATTENDANT CONSOLE
MTE	MASTER TEST EQUIPMENT
MAC	MAINTENANCE ADMINISTRATION CONSOLE
<u>τ</u> γρ	TYPER
L P	LINE PRINTER
DISP	DISPLAY
L C	LINE CIRCUIT
CODEC	CODER AND DECODER
TSI	TIME SLOT INTERCHANGER
P P	PERIPHERAL PROCESSER
BWT	BOTHWAY TRUNK
і с т	INCOMING TRUNK
0 G T	OUTGOING TRUNK
PVT	PRIVATE TRUNK
PAGT	PAGING TRUNK
P.0.T	POSITION TRUNK
HWG	HIGH WAY GATE
СР	CENTRAL PROCESSOR
I P	INTERFACE PROCESSOR
FDD	FLOPPY DISK DRIVE
1 0 C	INPUT-OUTPUT CONTROLLER
MDF	MAIN DISTRIBUTION FRAME
LCU	LINE CIRCUIT UNIT
TRU	TRUNK CIRCUIT UNIT
C C U	COMMON CONTROLL UNIT
100	INPUT-OUTPUT UNIT
ΕΡΑΒΧ	ELECTRONIC PRIVATE AUTOMATIC BRANCH EXCHANGER

### E. P. A. B. X. SYSTEM DIAGRAM

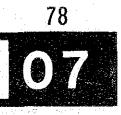


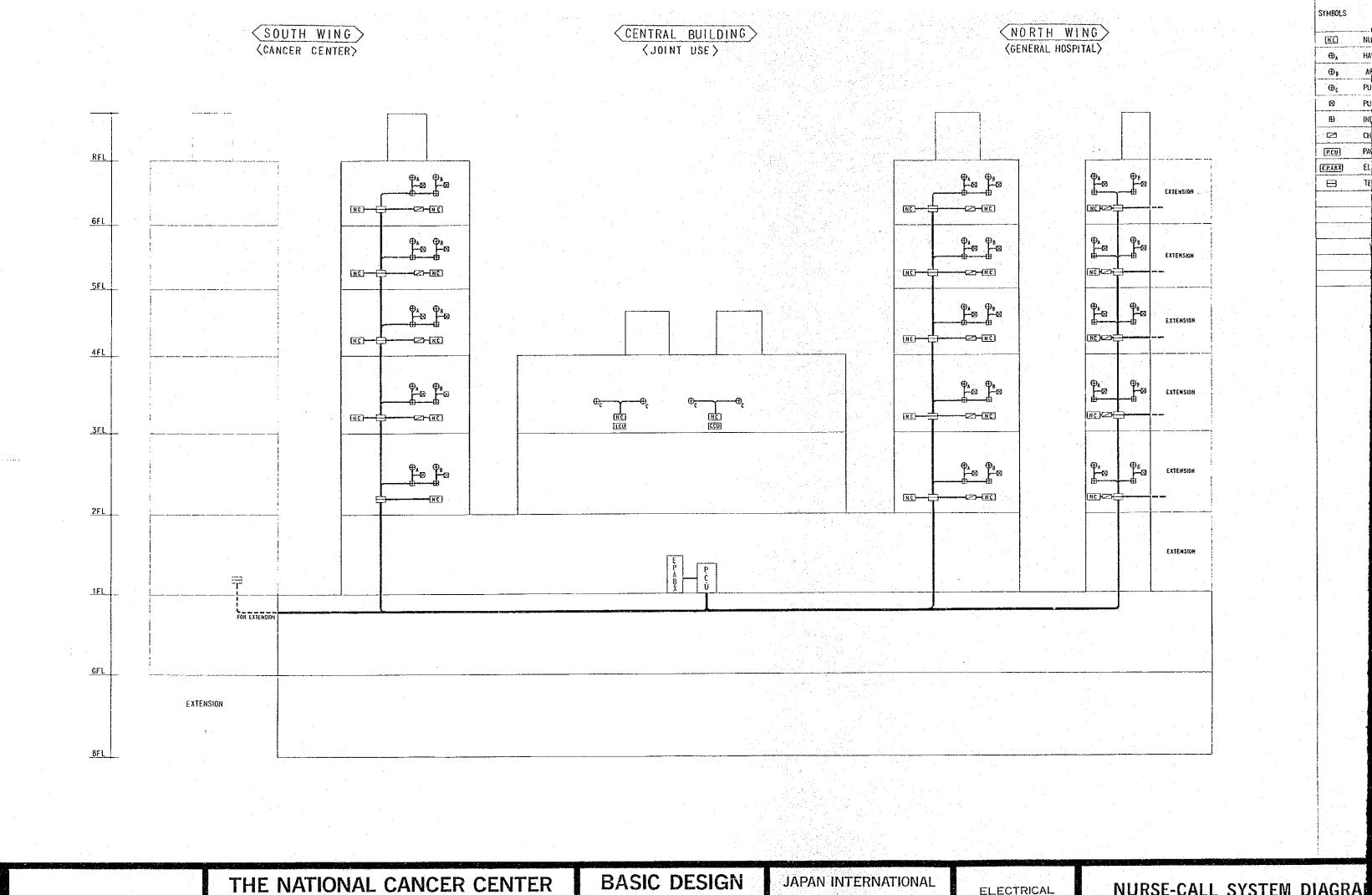




SYMBOLS	
PCU	PAGING CONTROL UNIT
	CHARGER (100 CHANNELS)
Ø	CHARGER FOR NURSE STATION(1 CHANNEL)
Y	WHIP ANTENNA
-0	HORIZONTAL ANTENNA
<b>E</b> N	TRANSMITTER
E PABX	ELECTRONIC PRIVATE AUTOMATIC BRANCH EXCHANGER
	TERMINAL BOARD
ļ	

## PAGING SYSTEM DIAGRAM





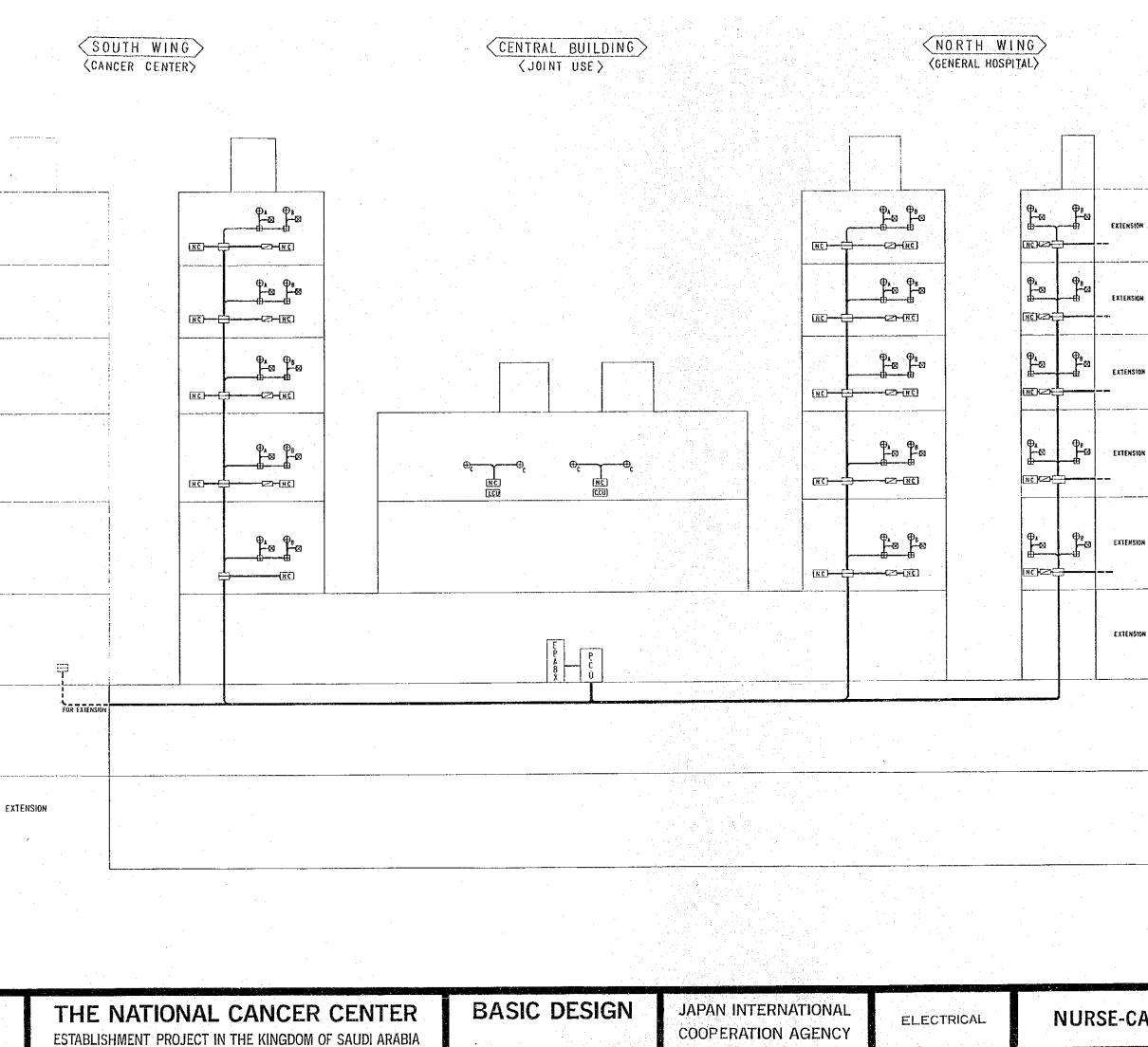
ESTABLISHMENT PROJECT IN THE KINGDOM OF SAUDI ARABIA

BASIC DESIGN

**JAPAN INTERNATIONAL** COOPERATION AGENCY

ELECTRICAL

NURSE-CALL SYSTEM DIAGRA



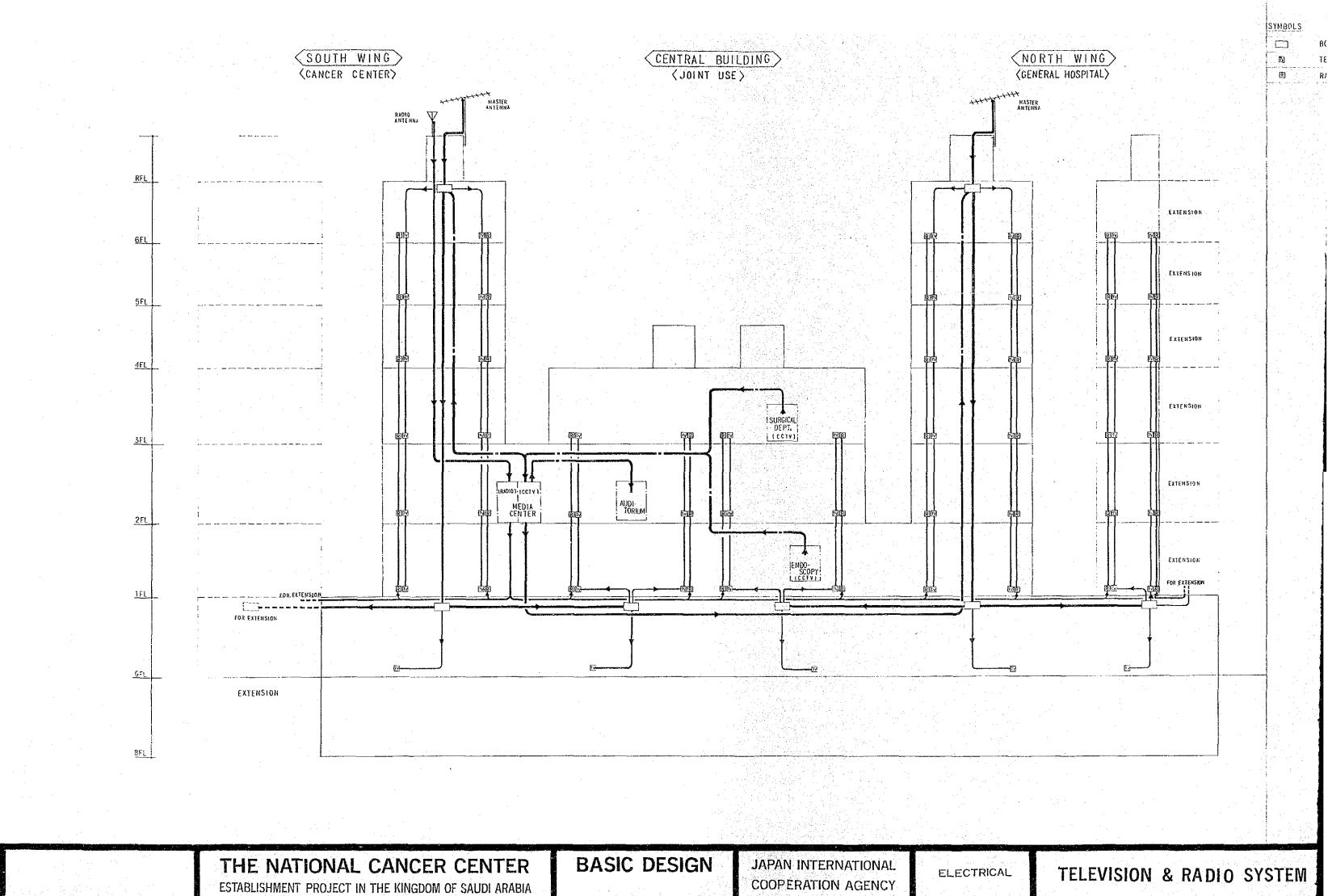
SYMBOLS

1	
NÇ	NURSE-CALL MASTER STATION
Đ,	HAND-TYPE PILLOW SIDE UNIT
⊕₅	ARM-TYPE PILLOW SIDE UNIT WITH BED LIGHT
Φc	PUSH BOTTON
8	PULL SWITCH FOR BATHROOM
æ	INDIVIDUAL CORRIDOR LAMP
Ż	CHANGE OVER UNIT
[P.CU]	PAGING CONTROL UNIT
EP.L.B.X	ELECTRONIC PRIVATE AUTOMATIC BRANCH EXCHANGER
Ξ	TERMINAL BOARD

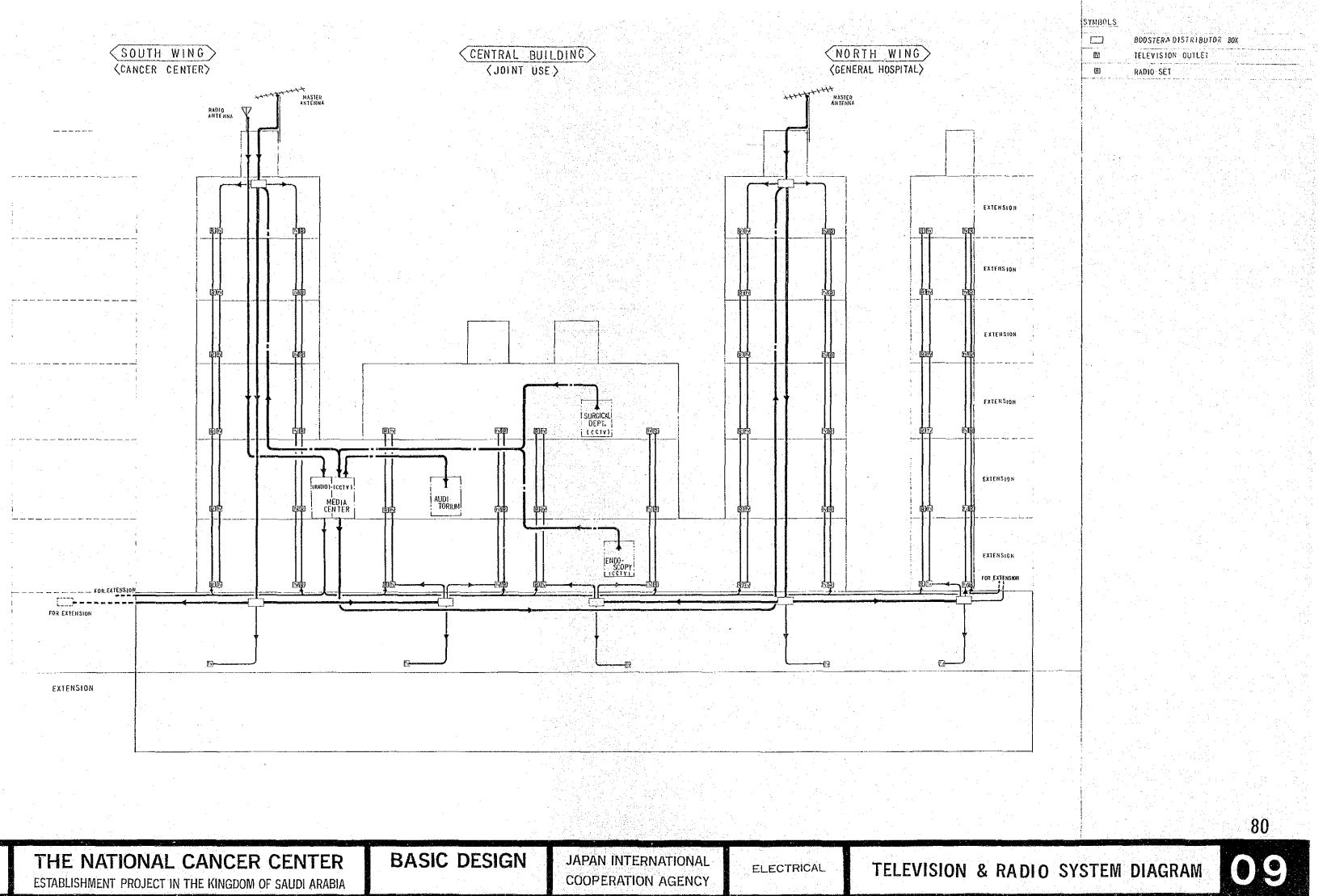
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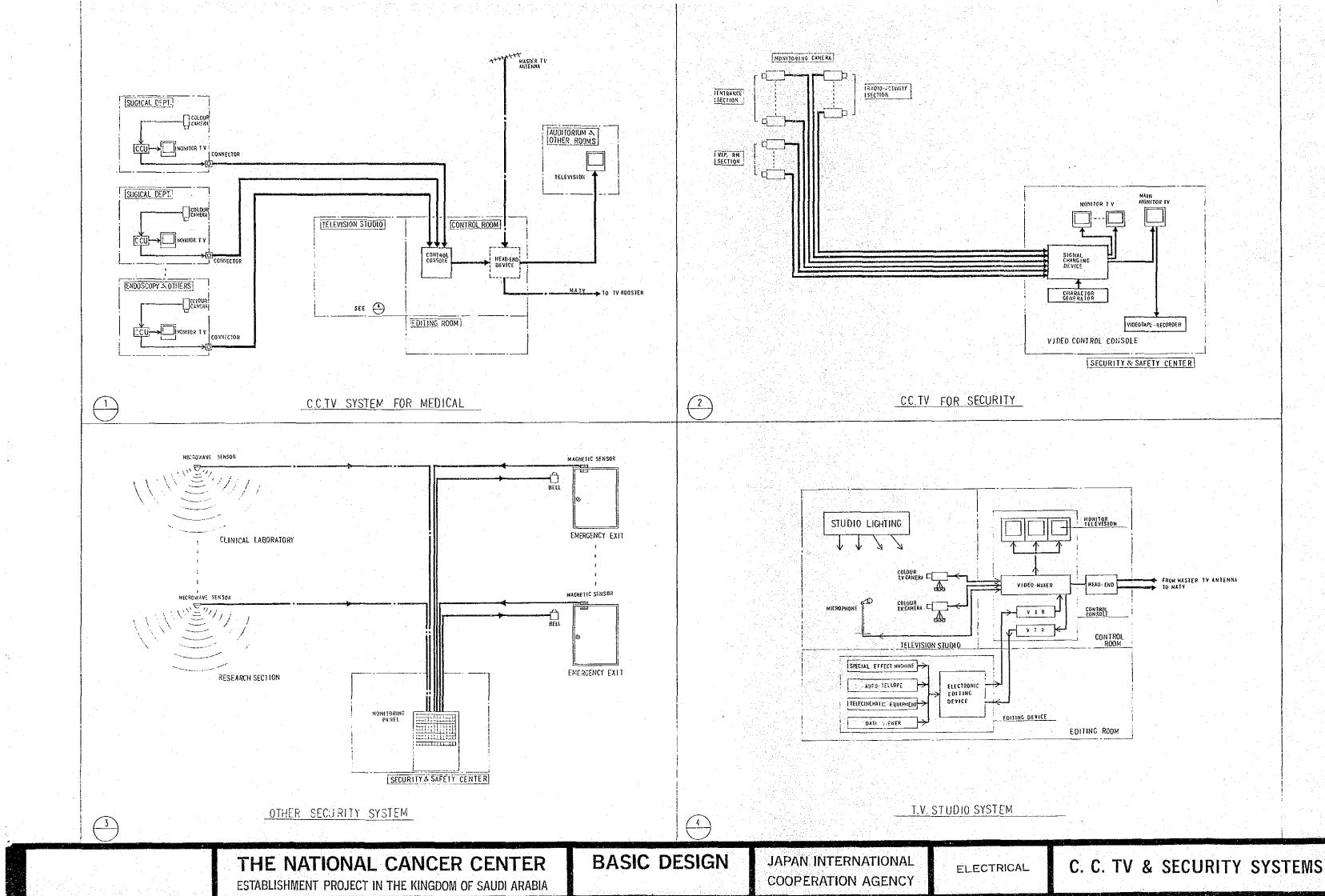
NURSE-CALL SYSTEM DIAGRAM

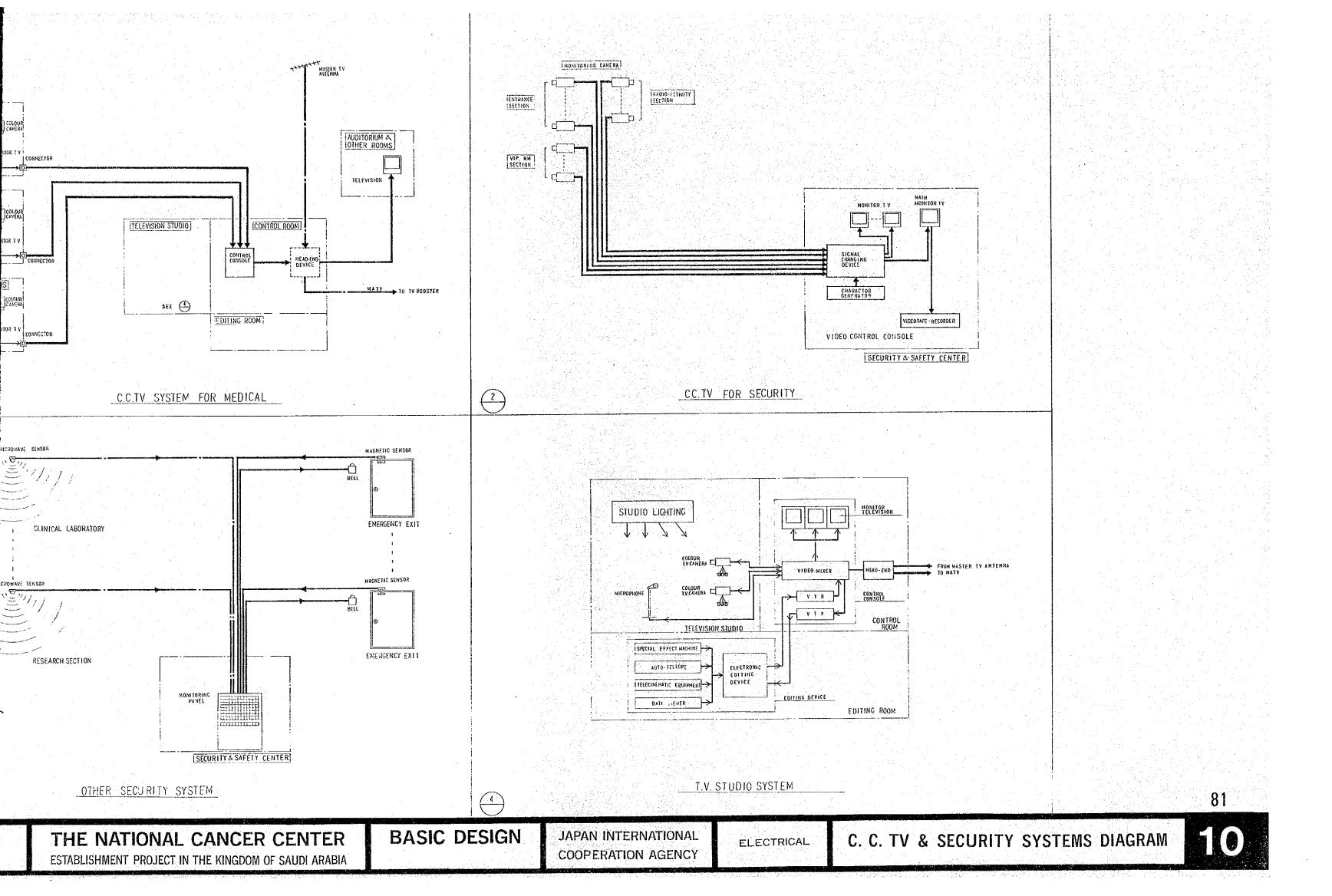


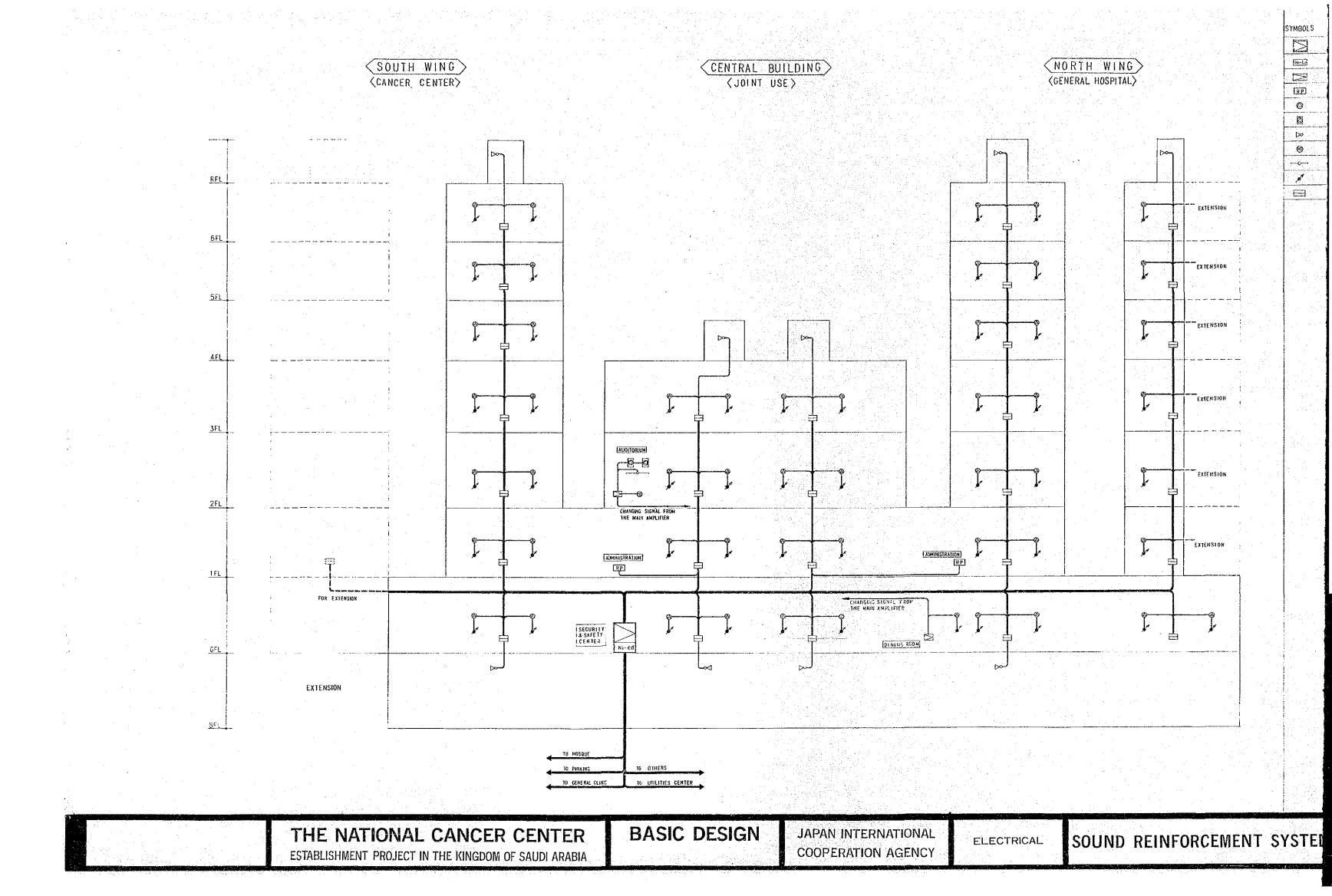
**COOPERATION AGENCY** 

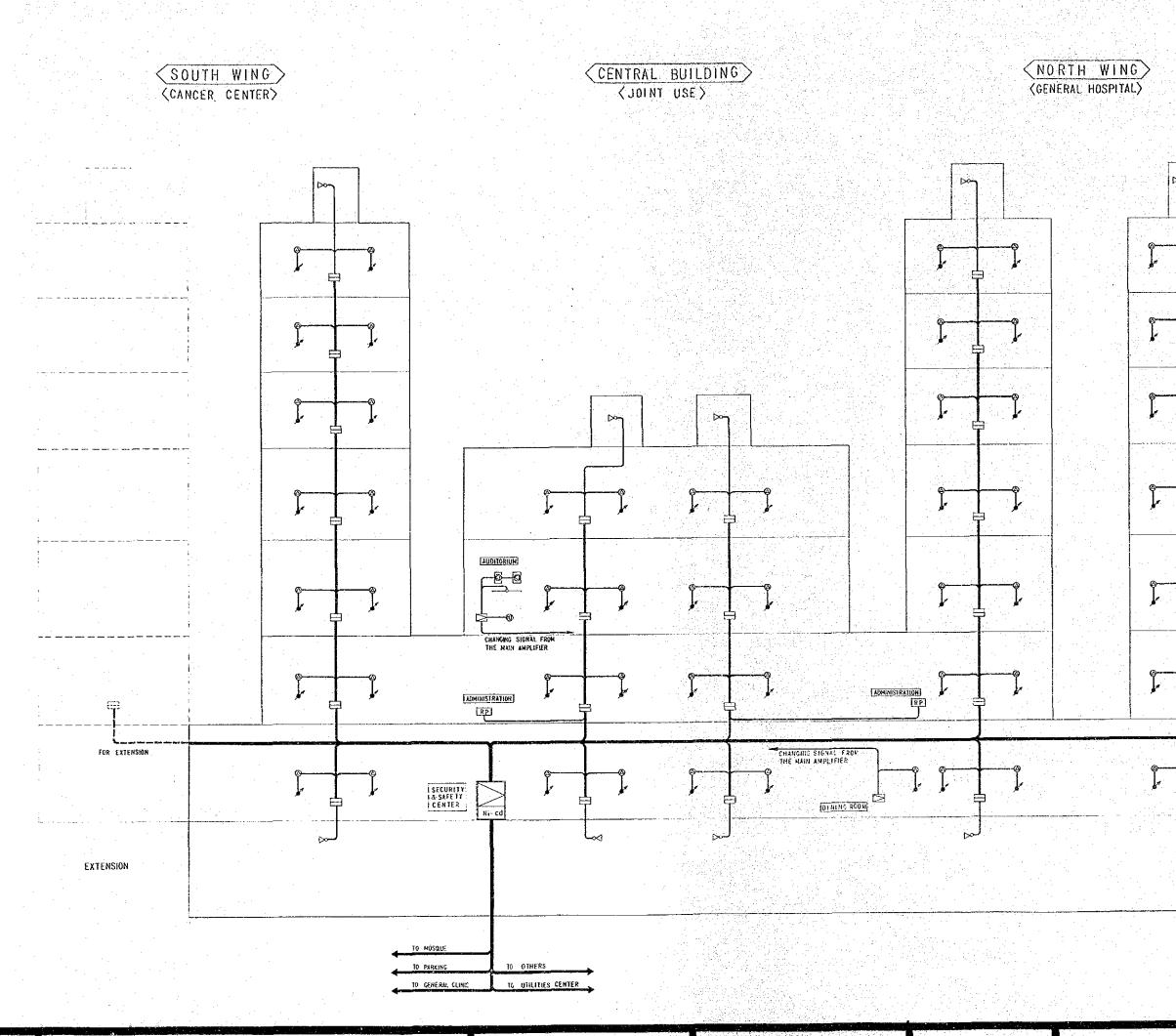


THE NATIONAL CANCER CENTER	BASIC DESIGN	JAPAN INTERNATIONAL	ELECTRICAL	TELEVISION
ESTABLISHMENT PROJECT IN THE KINGDOM OF SAUDI ARABIA		COOPERATION AGENCY		









**BASIC DESIGN** 

JAPAN INTERNATIONAL **COOPERATION AGENCY** 

ELECTRICAL

SYMBOLS	
	MAIN AMPLIFIER
NITE	NCKEL-CADMIUM BATTERY
	AMPLIFIER
विष्	REPEATER
0	SPEAKER (CEILING & WALL MOUNTED TYPE)
Ø	COLUMN SPEAKER
⊳	TRUMPET SPEAKER
0	MICROPHONE JACK
	WIRELESS ANTENNA
1	ATTENUATOR
	TERMINAL BOARD

### EXTENSION

EXTENSION

EXTENSION

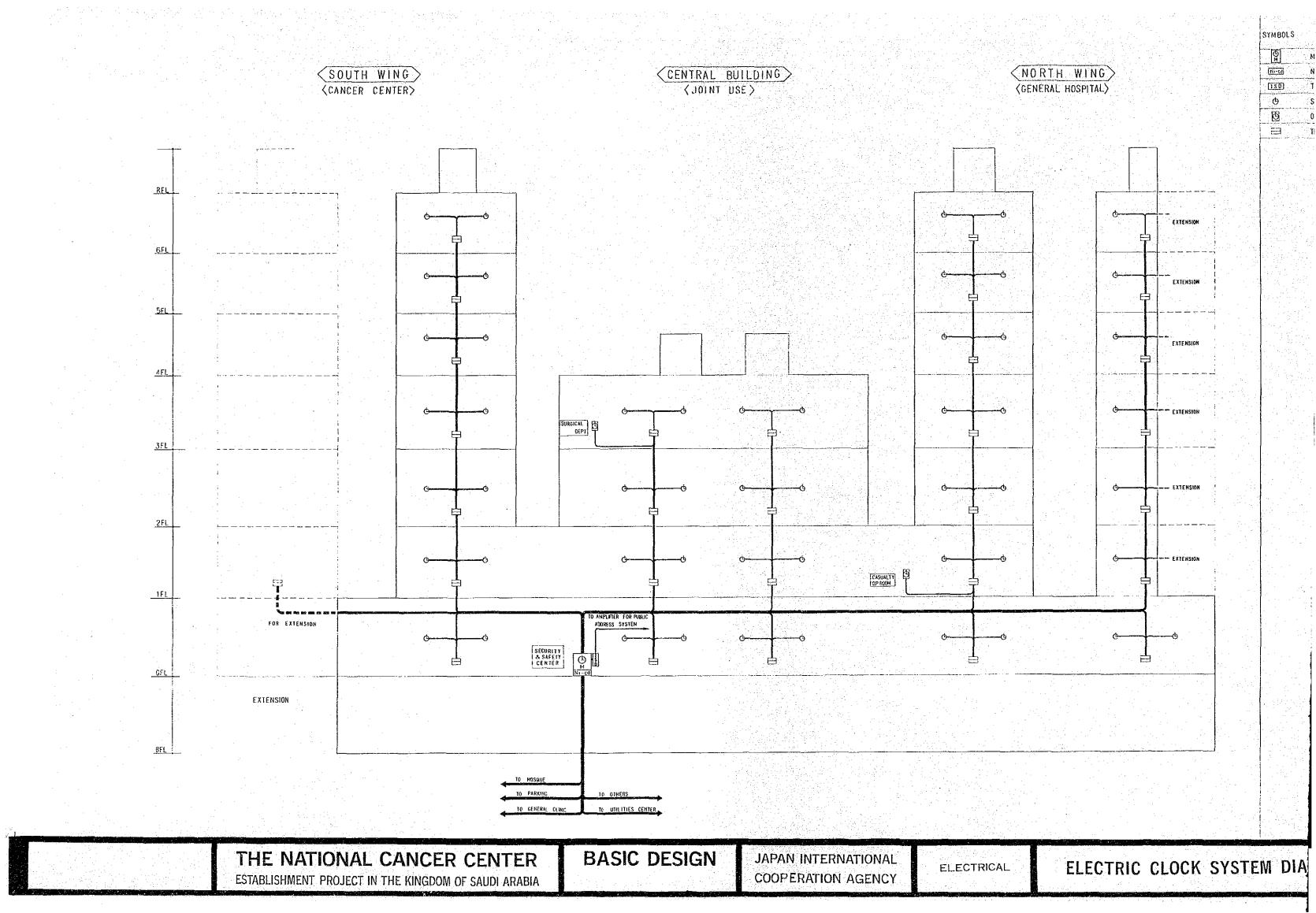
EXTENSION

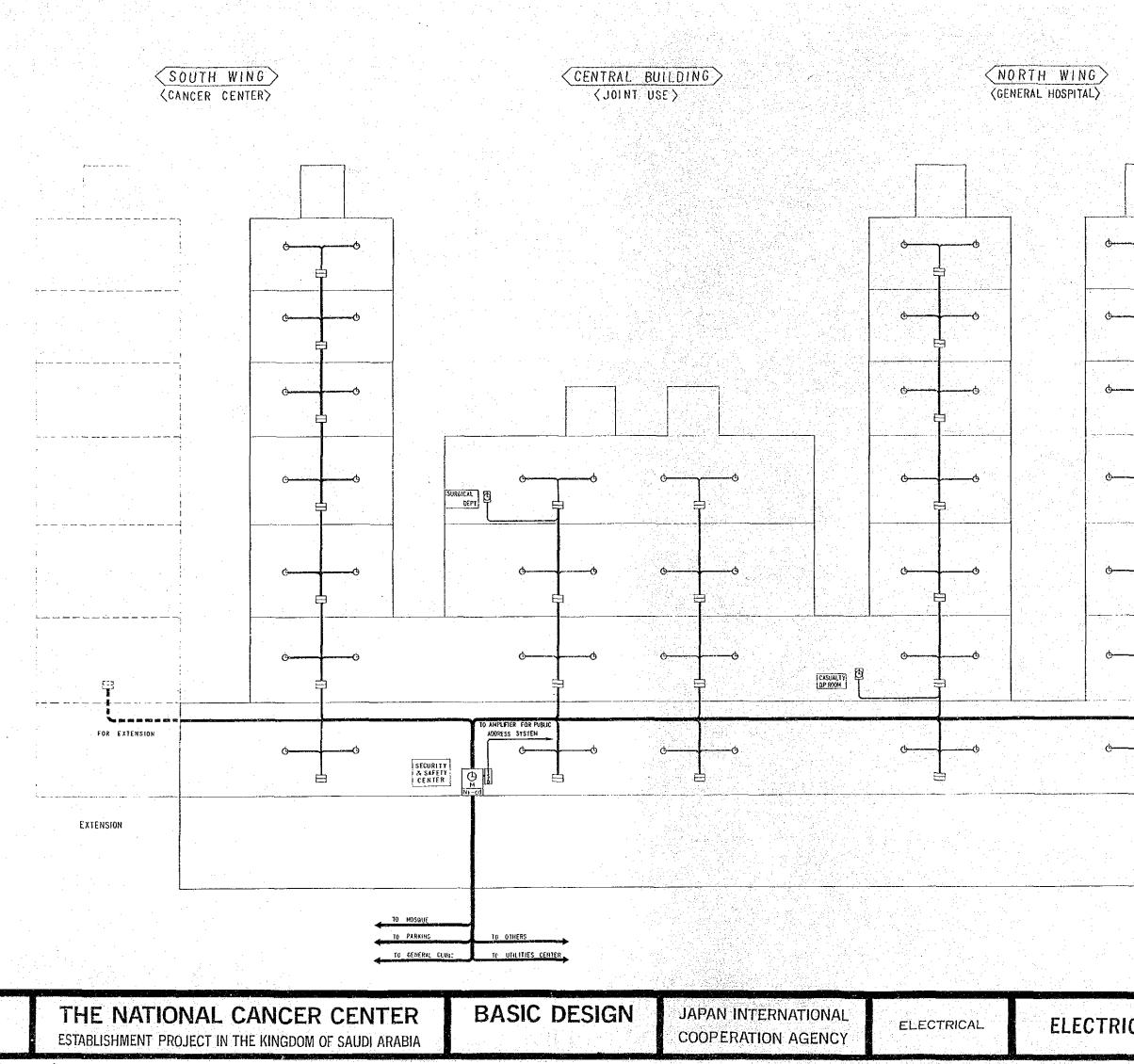
EXTENSION

EXTENSION

82

SOUND REINFORCEMENT SYSTEM DIAGRAM





SYMBOLS	
R	MASTER CLOCK (CRYSTAL TYPE)
Reca	NICKEL- CADMIUM BATTERY
TSD)	TIME SIGNAL DEVICE
Ġ	SLAVE CLOCK
Ø	OPERATING CLOCK
	TERMINAL BOARD
	그는 사람이 가지 않는 것 같은 것 같아요. 그는 것 같아요. 그는 것 같아요. 가지 않는 것 같아요. 나는 것 같아요.

EXTENSION

EXTENSION

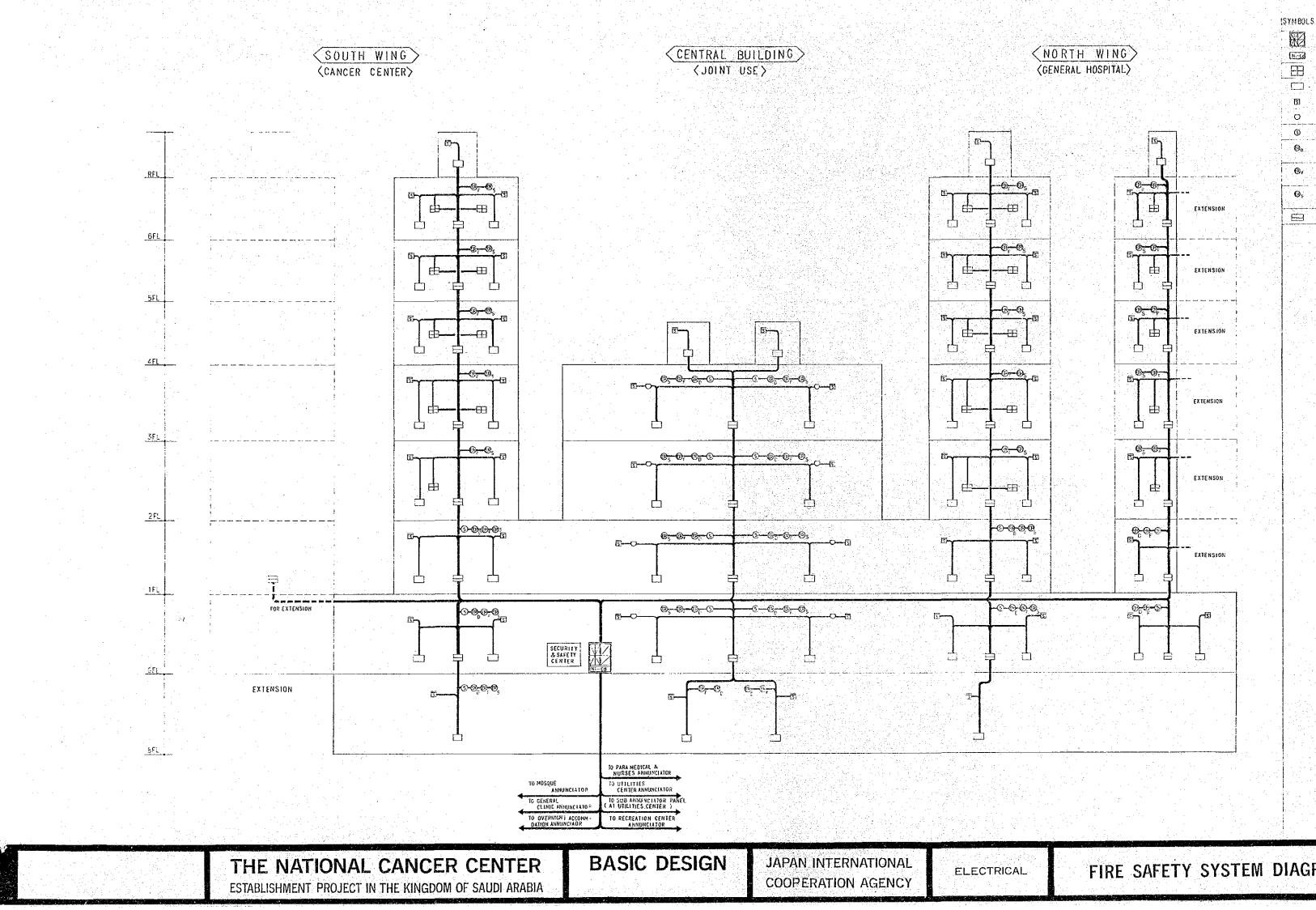
EXTENSION

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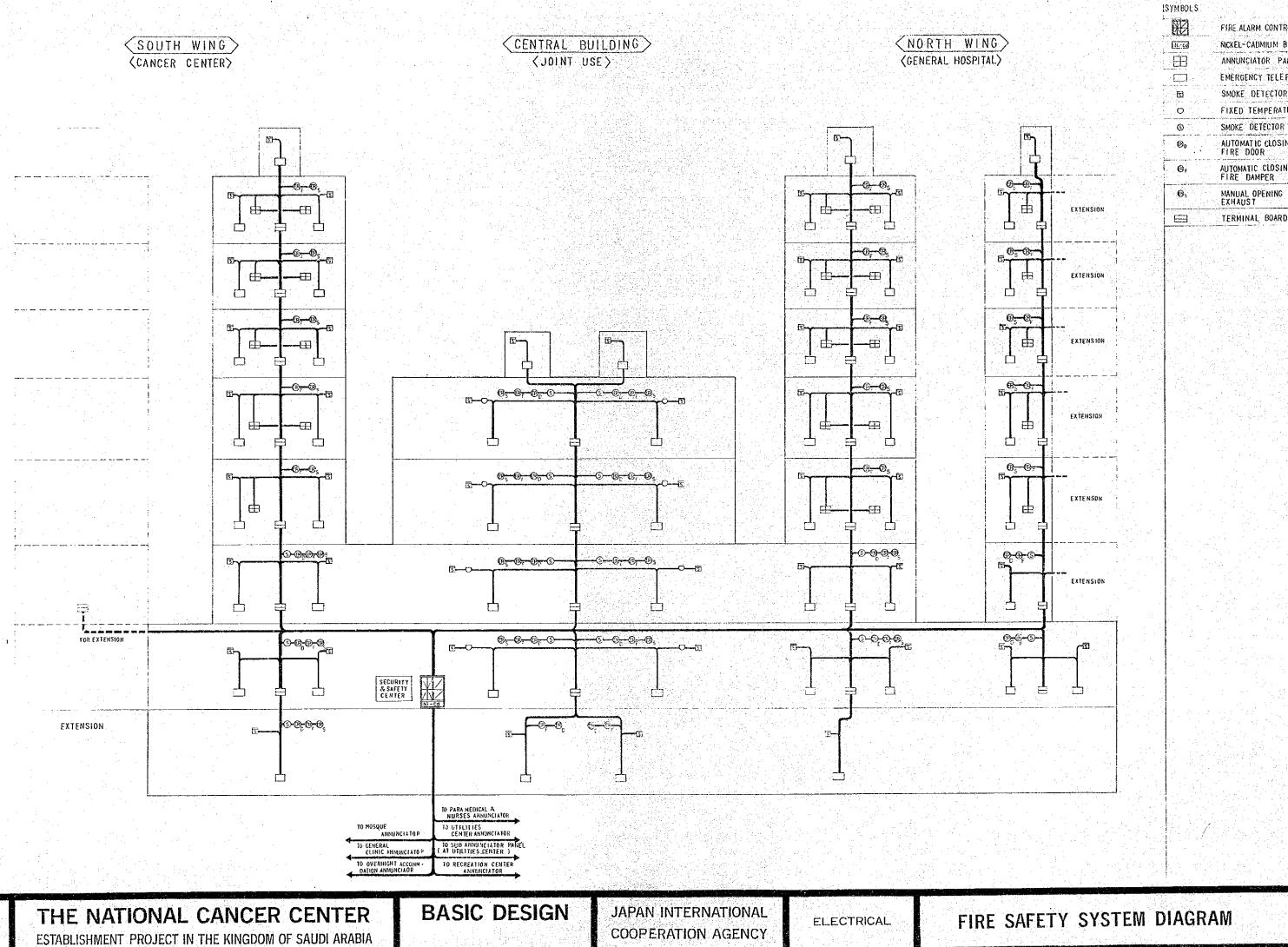
EXTENSION

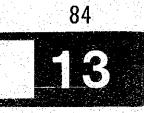
EXTENSION

ELECTRIC CLOCK SYSTEM DIAGRAM



FIRE SAFETY SYSTEM DIAGRA





ANNUNCIATOR PANEL SMOKE DETECTOR

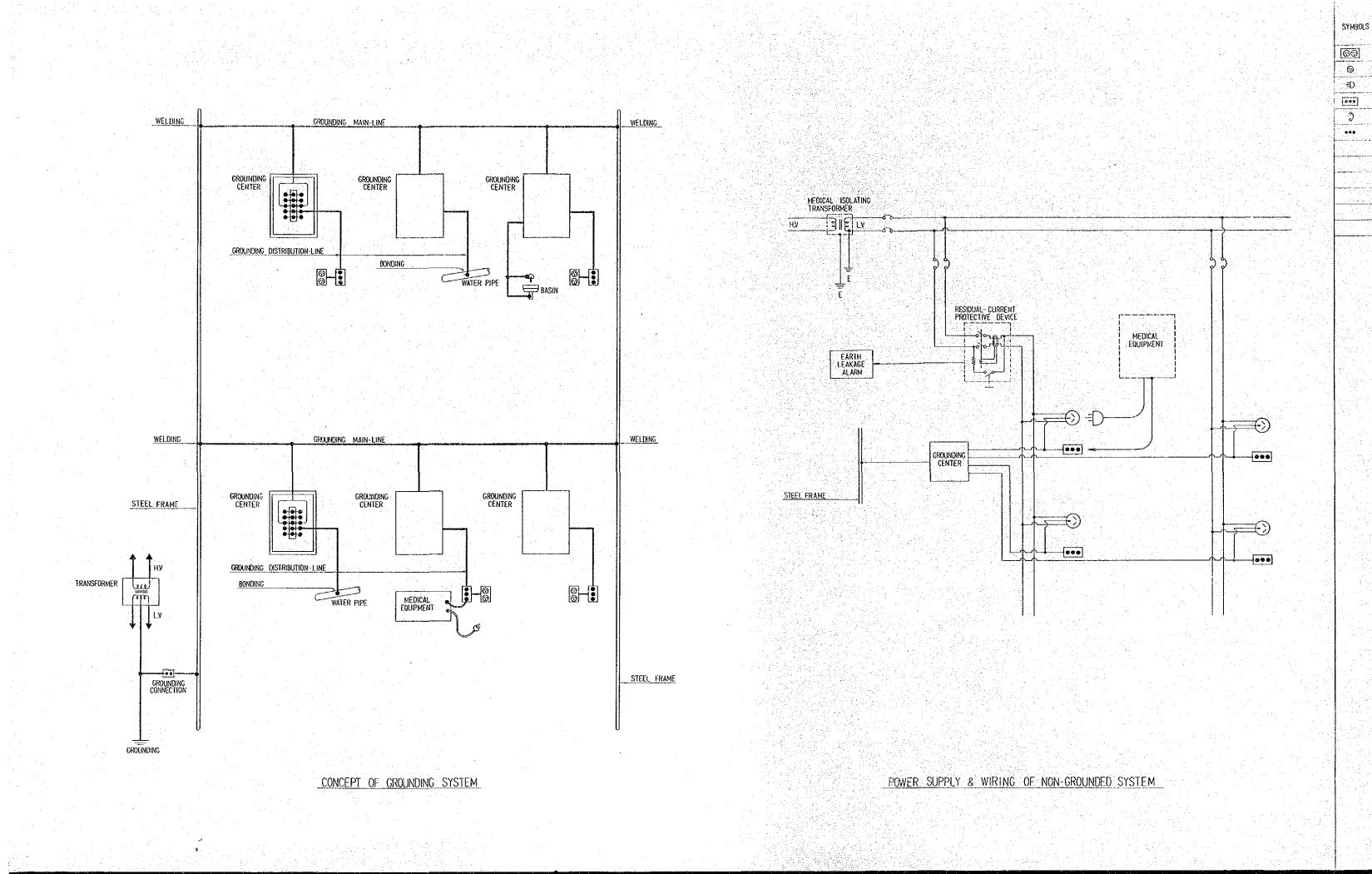
FIXED TEMPERATURE HEAT DETECTOR SMOKE DETECTOR FOR CONTROL AUTOMATIC CLOSING DEVICE FOR

AUTOMATIC CLOSING DEVICE FOR FIRE DAMPER MANUAL OPENING DEVICE FOR SMOKE

EMERGENCY TELEPHONE CABINET

NEKEL-CADMIUM BATTERY

FIRE ALARM CONTROL PAHEL



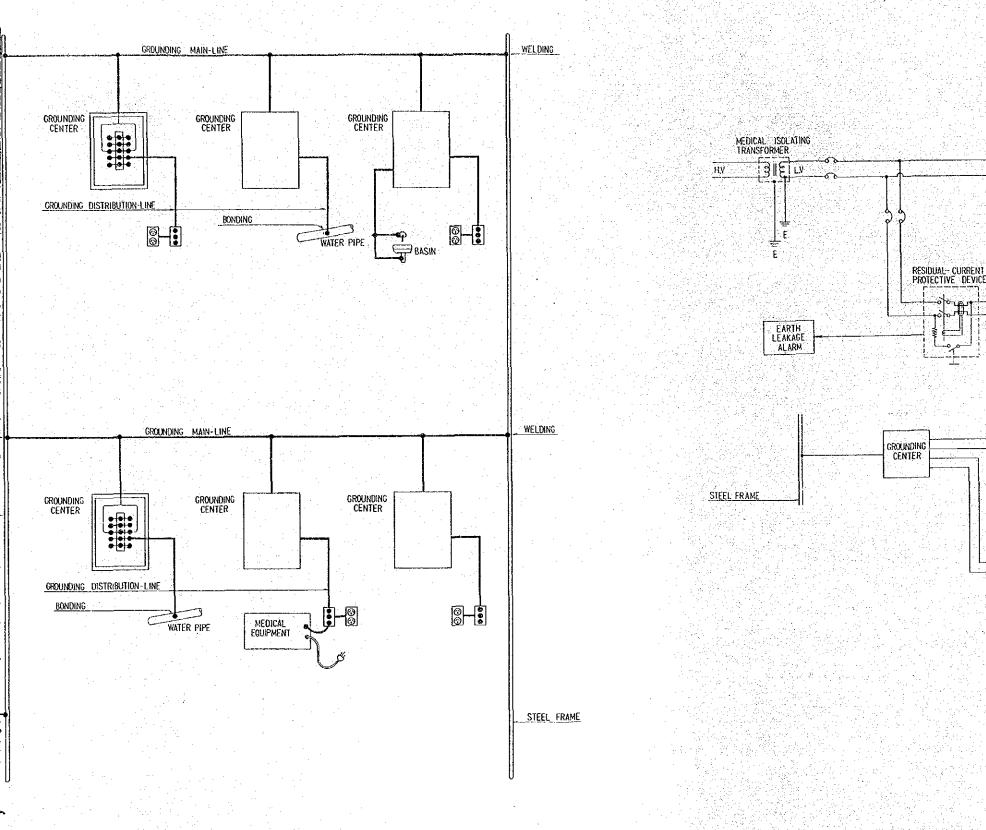
**BASIC DESIGN** 

JAPAN INTERNATIONAL COOPERATION AGENCY



ELECTRICAL

### GROUNDING SYSTEM OF MEDICAL EQUIPMENT



POWER SUPPLY & WIRING OF NON-GROUNDED SYSTEM

CONCEPT OF GROUNDING SYSTEM

THE NATIONAL CANCER CENTER ESTABLISHMENT PROJECT IN THE KINGDOM OF SAUDI ARABIA **BASIC DESIGN** 

JAPAN INTERNATIONAL COOPERATION AGENCY ELECTRICAL



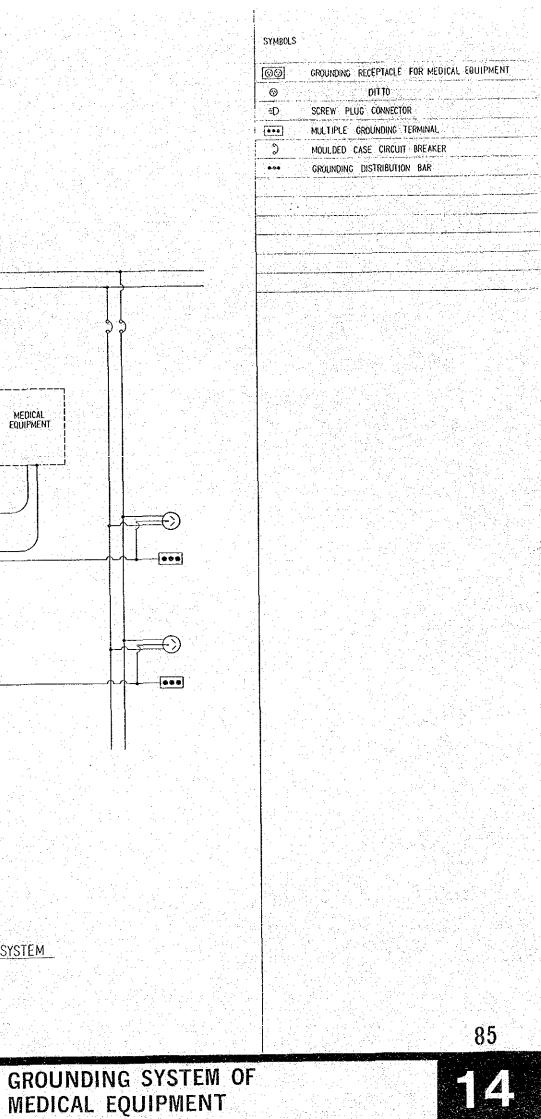
MEDICAL Equipment

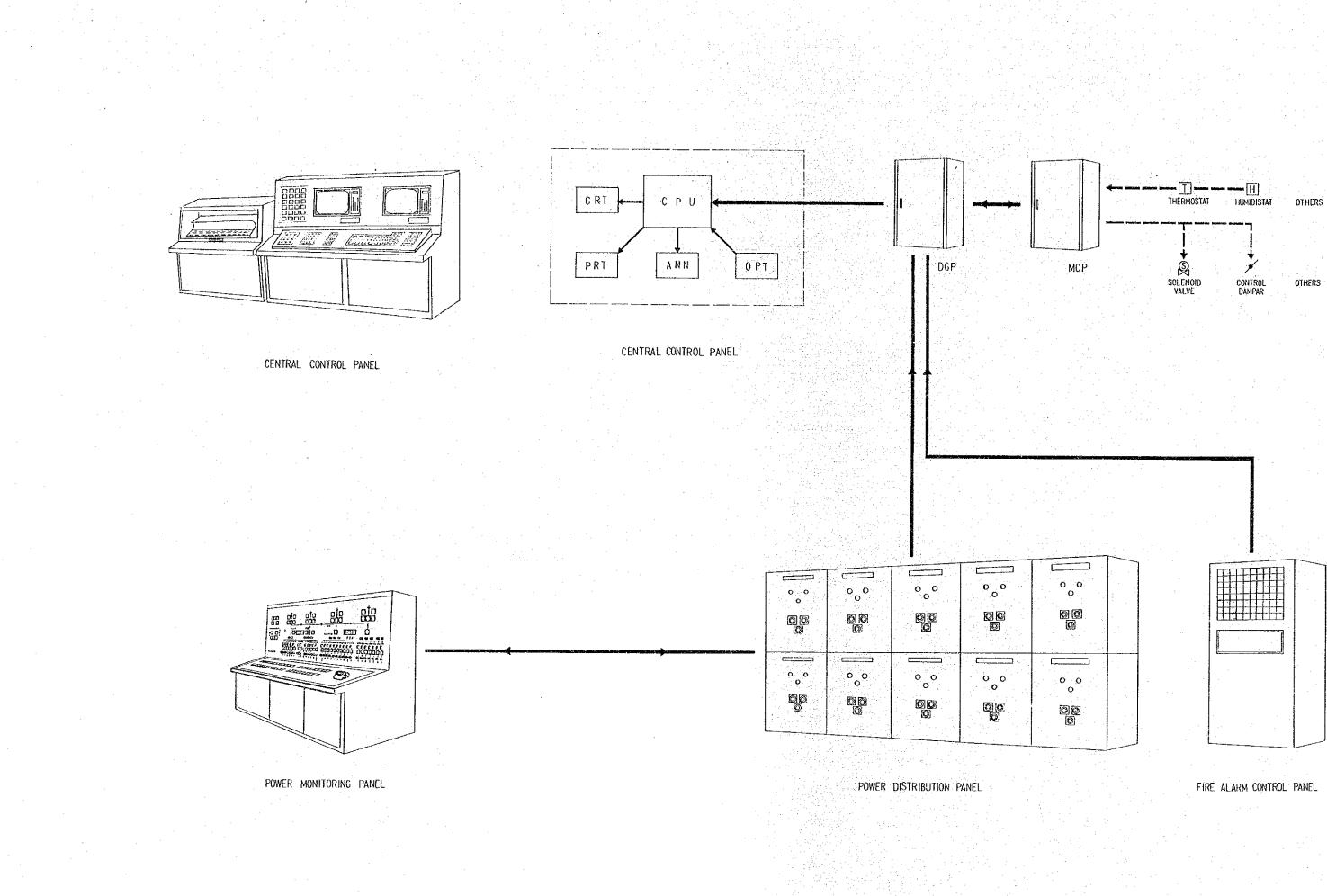
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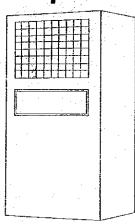


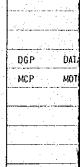
**BASIC DESIGN** 

JAPAN INTERNATIONAL **COOPERATION AGENCY** 

ELECTRICAL

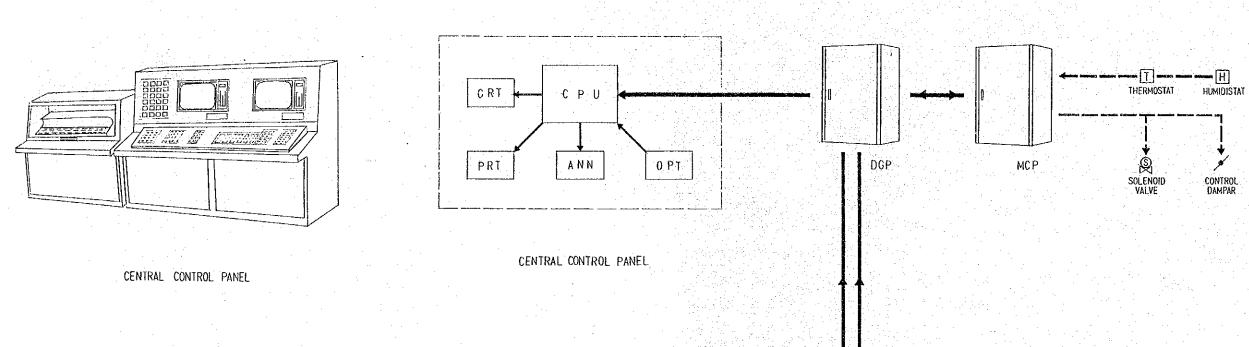
### AUTOMATIC CONTROL SYSTEM





CPU CEN ÓPT OPE CRT ÇAÌ ANN ΄AN≀ PRT PRI

SYMBOLS & A



POWER MONITORING PANEL

0 0 0 0 0 0 0 0	0 0 0 0 0 0	000 00 00 00 00	000 000 000 000	000 00 00 00 00 00	
000 000 000 000		0_0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	000 00 00 00 00 00	

POWER DISTRIBUTION PANEL



1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
SYMBOLS &	ÅΒ	BRE	VIA	TION.

CPU CENTRAL PROCESSIN	g unit
OPT OPERATOR'S TERMIN	L
CRT CATHODE RAY TUB	E
ANN ANNU NCIATOR	
PRI PRINTER	

OTHERS

DGP DATA GATHERING PANEL MOTOR CONTROL PANEL MCP

CONTROL DAMPAR

OTHERS

FIRE ALARM CONTROL PANEL

AUTOMATIC CONTROL SYSTEM DIAGRAM

