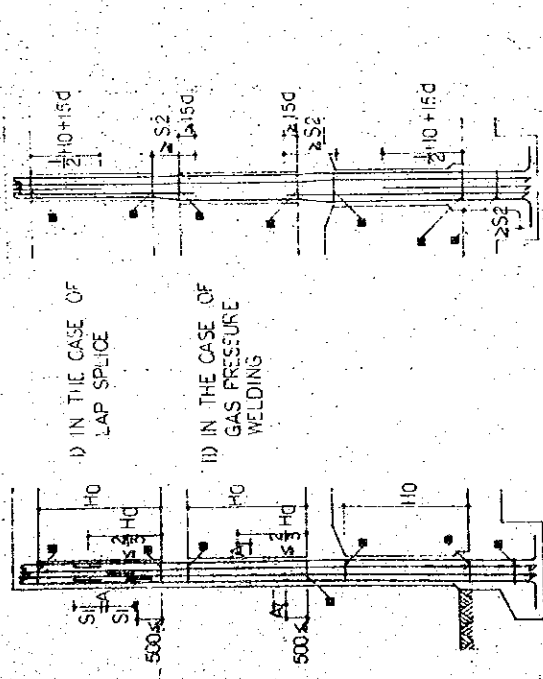


4. COLUMN

SPLICES AND EMBEDMENTS



(I) SPLICES

SPLICES OF REINFORCING BARS SHALL BE PROVIDED AT THE POSITION SHOWN IN THE FIG. I)

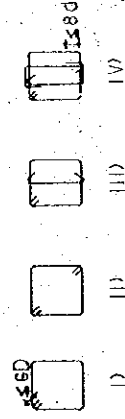
HOOK SHALL BE PROVIDED AT THE END OF EACH CORNER BAR IN COLUMN.

STEEL BINDER

USE 1-D13 BAR AT BOTH TOP AND BASE ENDS OF COLUMN.

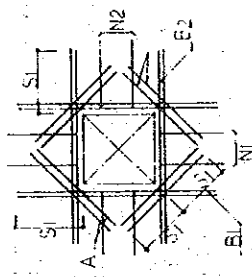
HOOP

THE SHAPE OF HOOP SHALL BE IN ACCORDANCE WITH THE FIG. I UNLESS OTHERWISE SPECIFIED

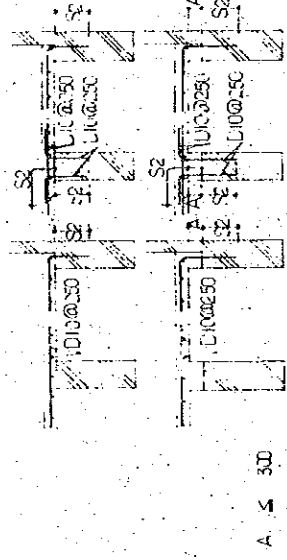


FLOOR OPENING

PROVIDE ADDITIONAL REINFORCING BARS AT FLOOR OPENINGS.



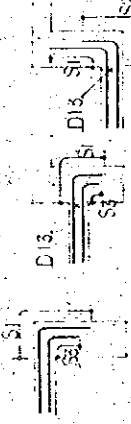
GROUND FLOOR SLAB



TYPE A TYPE B

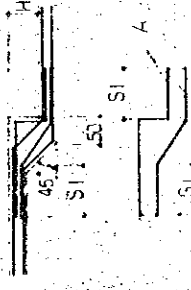
FOR THE CONNECTION OF GROUND FLOOR SLAB TO GROUND BEAM, APPLY TYPE B UNLESS OTHERWISE INDICATED.

EMBEDMENT OF SLAB BARS



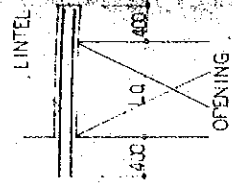
REINFORCING FOR LEVEL DIFFERENCE

H ≤ 150



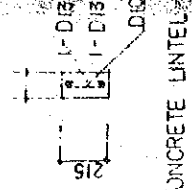
PLACE ADDITIONAL BARS WITH THE SAME DIA. AND INTERVAL AS THE MAIN BARS AS SHOWN LEFT.

CONCRETE LINTEL



CONCRETE LINTEL

CONCRETE LINTEL STRUCTURAL BE STRUCTION O SER.



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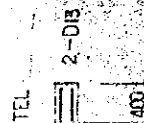
LINTEL SHALL CONCRETE CON DTH OF LIN E SAME AS LL.

CASE WIDTH EXCEEDS REINFORCING F IN ACCORDA RUCTURAL BE STRUCTION O SER.

9. BRICK

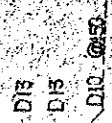
VERTICAL D10 HORIZONTAL D10 @ 90° (S&S) C

TEL

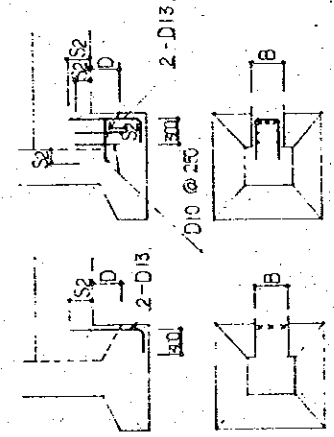


LINTEL SHALL BE REINFORCED-
CONCRETE CONSTRUCTION.
WIDTH OF LINTEL SHALL BE
THE SAME AS THAT OF BLOCK
ALL.

IN CASE WIDTH OF OPENING
EXCEEDS 2.0 METER,
REINFORCING FOR LINTEL SHALL
BE IN ACCORDANCE WITH
STRUCTURAL DRAWING OR
CONSTRUCTION OF THE SUPER-
VISOR.



7 FOOTING



PROVIDE ADDITIONAL REINFORCING BARS BETWEEN
BEAM AND FOOTING AS SHOWN ABOVE FIGS.

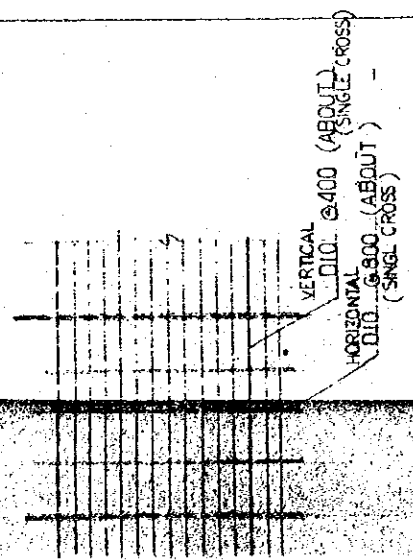
TYPE A $0 < D \leq 500$
TYPE B $500 < D \leq 1.000$
B : BEAM WIDTH

8 OTHERS

SHEAR REINFORCING AT JOINT BETWEEN PREVIOUS AND
FRESH CONCRETE
PROVIDE JOINT AT MIN. SHEAR FORCE AREA.
DO NOT PROVIDE JOINT IN CANTILEVER BEAM OR
SLAB.



A : 2-D19 $l = 1.50$ M. FOR GIRDER
2-D16 $l = 1.20$ M. FOR BEAM

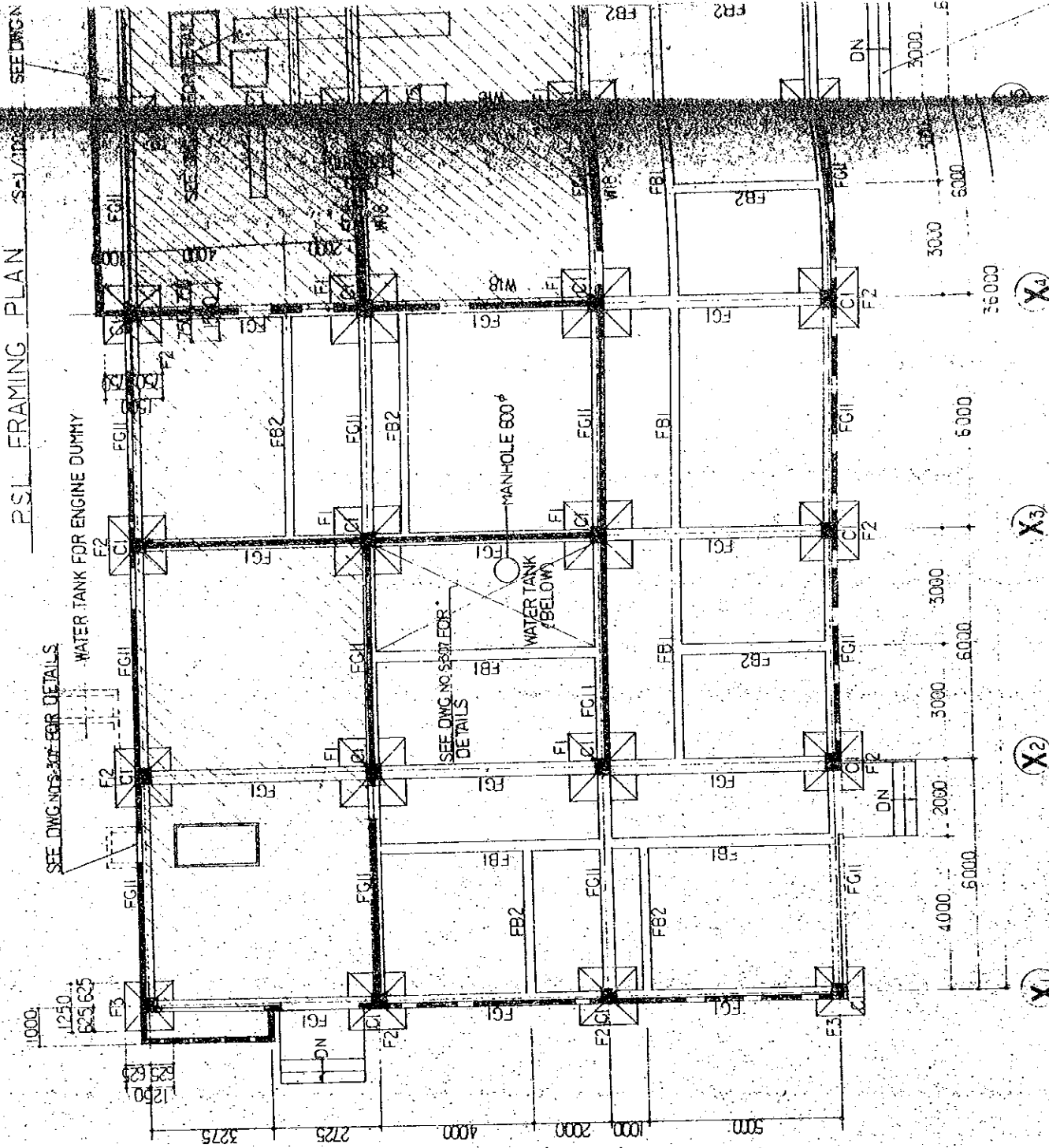


THE ESTABLISHMENT PROGRAMME	
MEDIUM WAVE BROADCASTING NETWORK	
THE KINGDOM OF NEPAL	
KATHMANDU STUDIO CENTER	DRAWING NO.
KATHMANDU TRANSMITTING STATION	S-102-S-202-S-302
POKHARA TRANSMITTING STATION	SCALE
TITLE OF DRAWING	
STRANDED REINFORCED CONCRETE BAR	
ARRANGEMENT (2)	
DATE	JAN. 1981

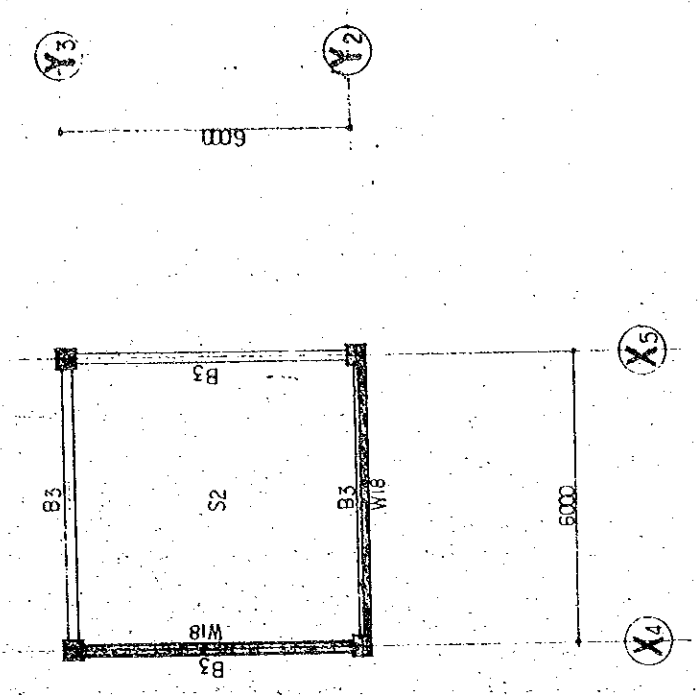
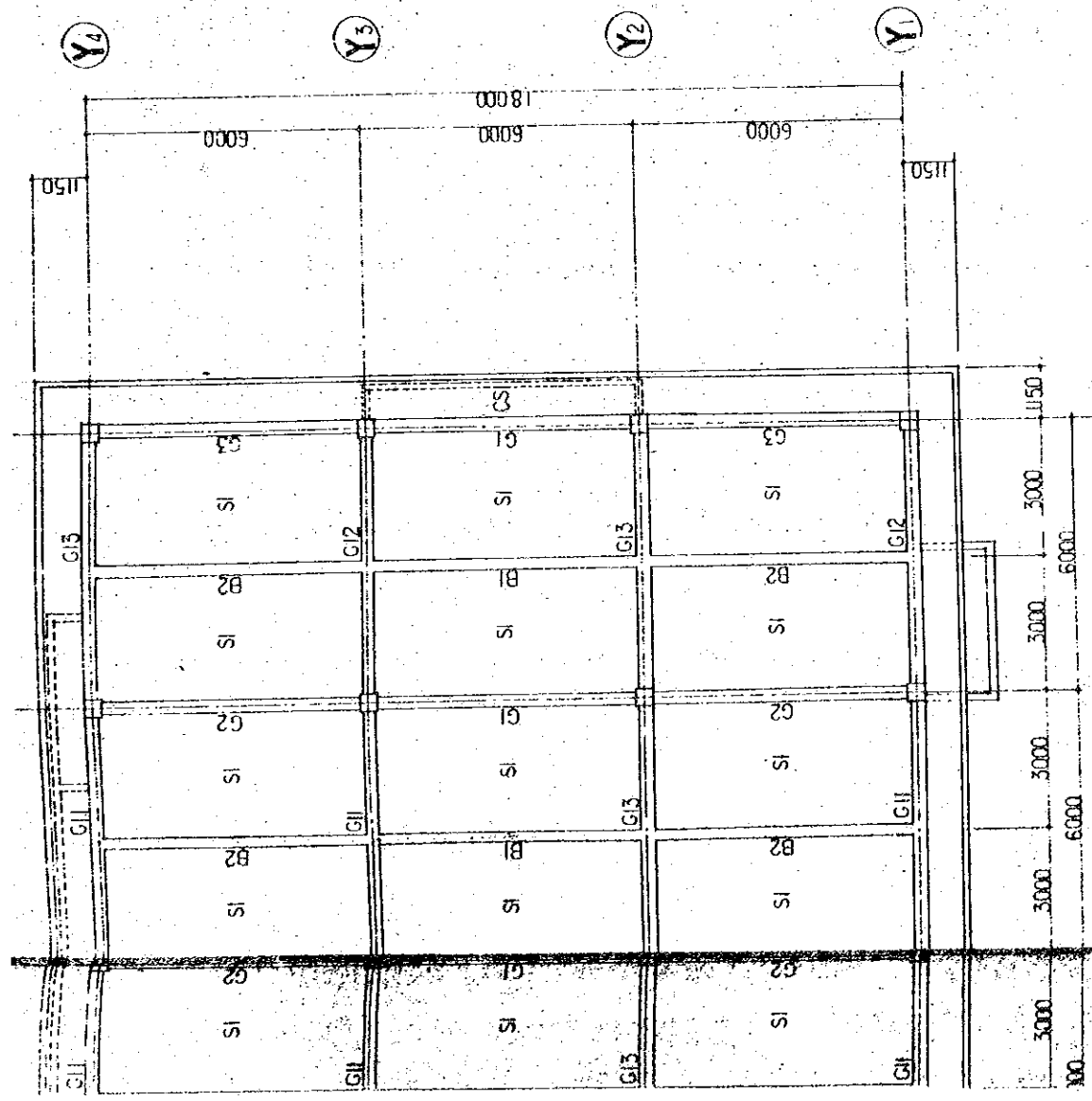


TOWER POLE (2)
SEE DETAIL DWG NO. S-309

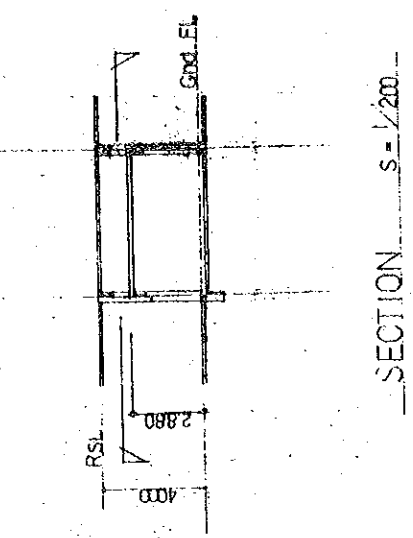
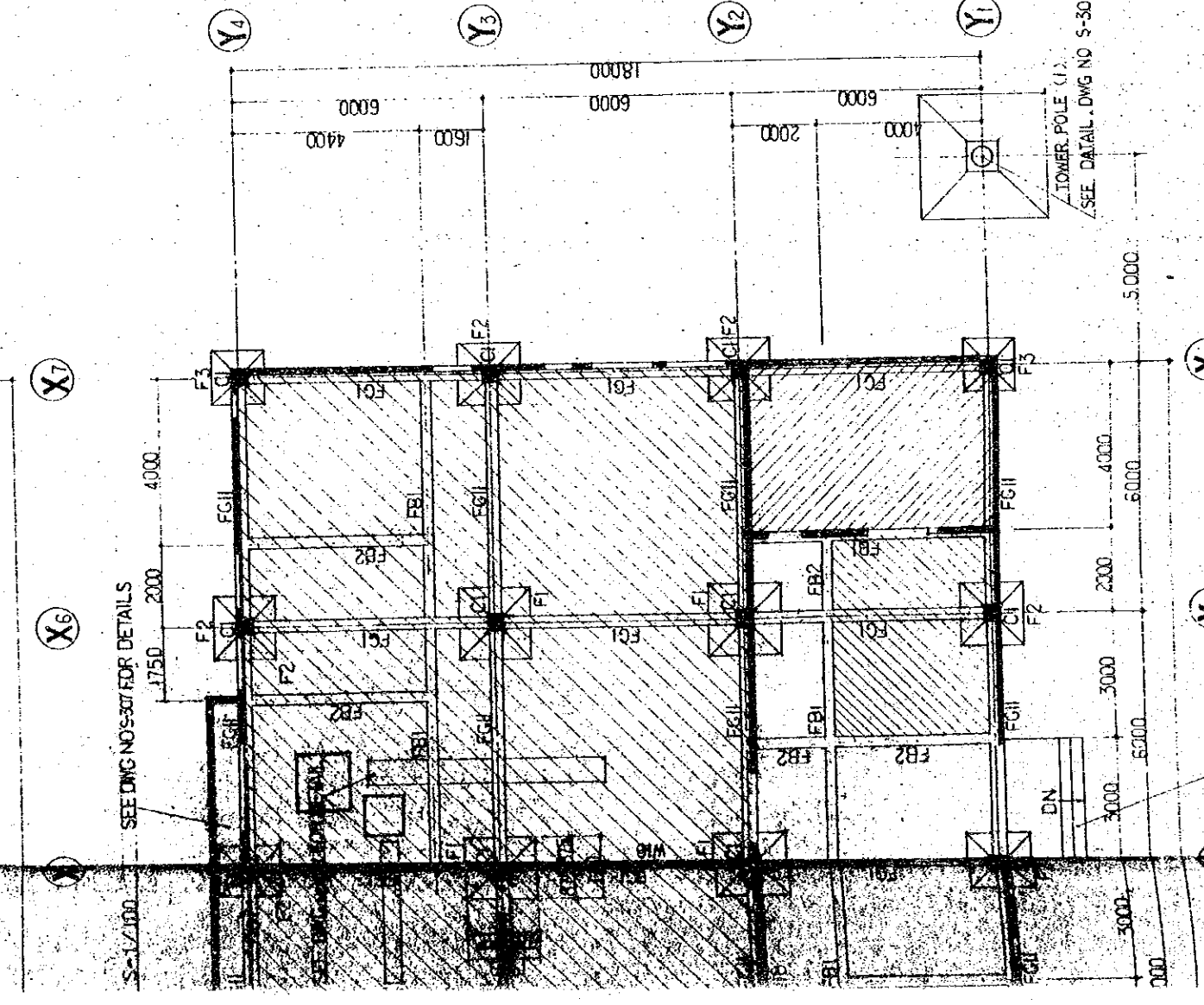
(X1) (X2) (X3) (X4)



FOUNDATION FRAMING PLAN - SEE DWG. NO. S-310
(SOIL BEARING CAPACITY 200 T/M²)



UNDER ROOF FRAMING PLAN S-1/100



SECTION S-1/200

- NOTES
- (1) SLABS LEVEL - STANDARD SLAB GndFL-30
 - AREA: GndFL-200
 - AREA: GndFL-300
 - (2) UNLESS OTHERWISE SPECIFIED - REINFORCED CONCRETE WALL THICKNESS 150 (W15)

THE ESTABLISHMENT PROGRAMME		DRAWING NO.	UNIT
MEDIUM WAVE BROADCASTING NETWORK		S-303	MM.
THE KINGDOM OF NEPAL		SCALE	DATE
POKHARA TRANSMITTING STATION		1/100	JAN. 1981
TITLE OF DRAWING			
FOUNDATION AND RSL (ROOF SLAB LINE) FRAMING PLAN			

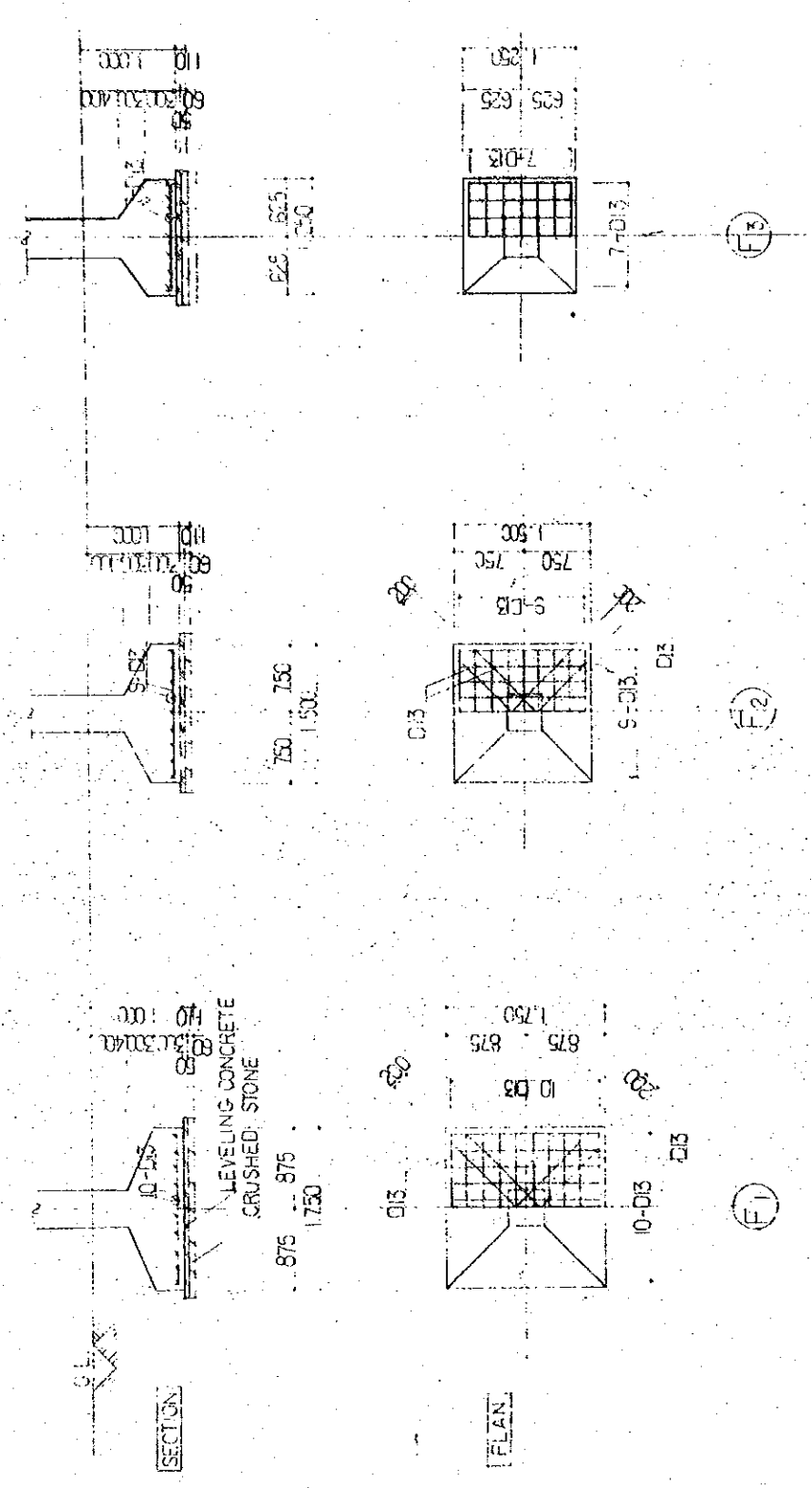
SEE DETAIL DWG NO S-307

G PLAN S-1/100
Y 20.0 T/M

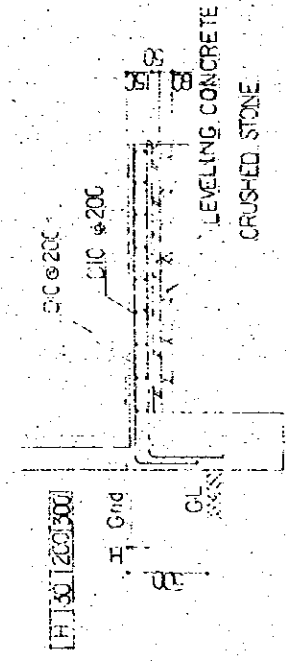
MARK	FG	FGH	FB2	FBI
POSITION	END AND CENTER	END AND CENTER	END AND CENTER	END CENTER
SECTION				
TOP BAR	3-C9	3-C9	3-C6	2-D16
BOTTOM BAR	3-F5	3-F5	2-F16	1-D16
STIRRUPS	2-C10	2-C10	2-C20	2-C20

TIE BEAM LIST S. 1/20


NOTES
 1) WEB REINFORCEMENT — 2-D13
 2) TIE BAR — D10 @ 600



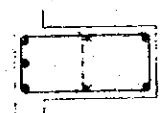
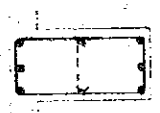
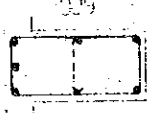
FOUNDATION LIST S. 1/50

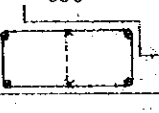




REINFORCEMENT OF CONCRETE SLAB ON GROUND S. 1/30

SECTION	
MAIN BAR	5 - D16
HOOF	D10 @ 100
MARK	C1

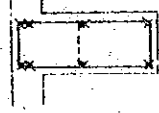
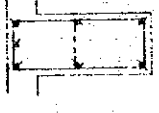

COLUMN LIST S-1/20

MARK	RC 1	RC 2	RC 12
POSITION	END	CENTER	OUTER END
SECTION			
TOP BAR	3-D19	2-D19	3-D19
BOTTOM BAR	2-D19	3-D19	3-D19
STIRRUPS	D10 @ 200	D10 @ 200	D10 @ 200

MARK	RC 1	RC 2	RC 12
POSITION	END AND CENTER	CENTER	OUTER END
SECTION			
TOP BAR	2-D19	2-D19	3-D19
BOTTOM BAR	2-D19	3-D19	3-D19
STIRRUPS	D10 @ 200	D10 @ 200	D10 @ 200

NOTES
UNLESS OTHERWISE SPECIFIED
(1) WEB REINFORCEMENT - 2-D13
(2) TIE BAR - D10 @ 600

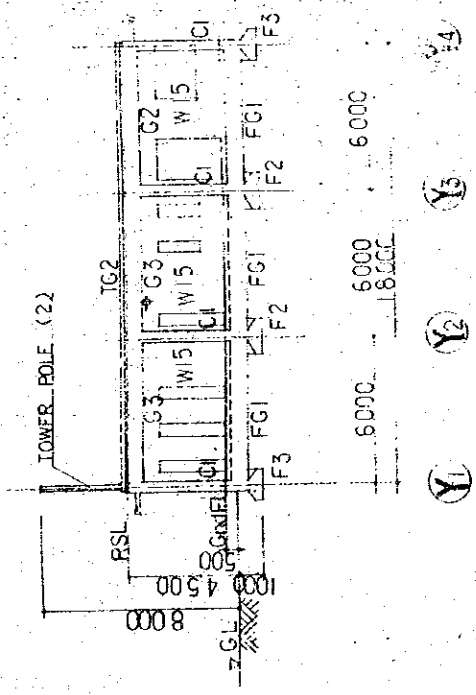
GIRDER LIST S-1/20

MARK	B 1	B 2	B 3
POSITION	END	CENTER	OUTER END
SECTION			
TOP BAR	4-D16	2-D16	2-D16
BOTTOM BAR	2-D16	3-D16	2-D16
STIRRUPS	D10 @ 200	D10 @ 200	D10 @ 200

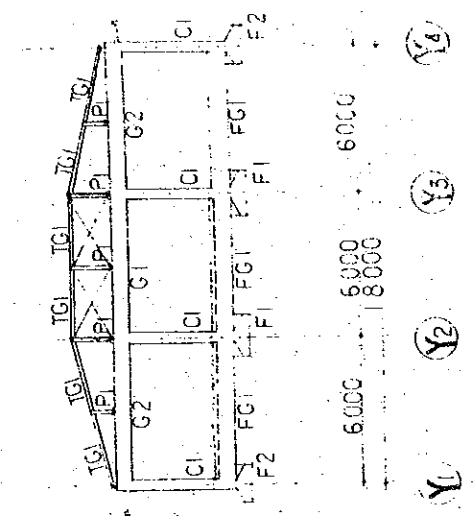
BEAM LIST S-1/20

NOTES
UNLESS OTHERWISE SPECIFIED
(1) WEB REINFORCEMENT - 2-D13
(2) TIE BAR - D10 @ 600

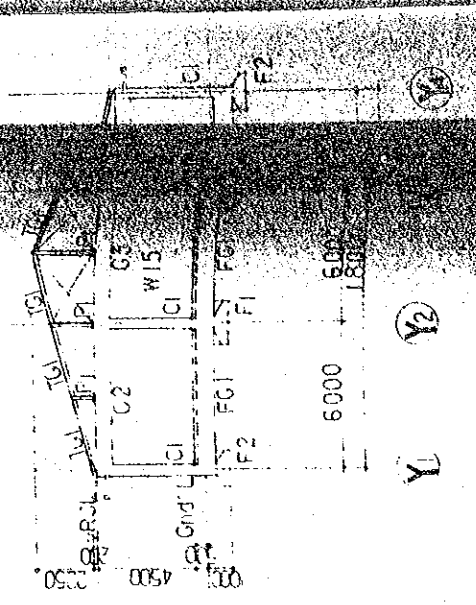
UNIVERSITY PROGRAMME		DRAWING NO.
FACULTY OF ENGINEERING - CASTING NETWORK		S-304
COURSE: FOUNDATION ENGINEERING		SCALE
PAGE OF DRAWING		1/20
FOUNDATION LIST: TIE BEAM AND COLUMN, GIRDER, BEAM LIST		DATE
		JAN. 1981



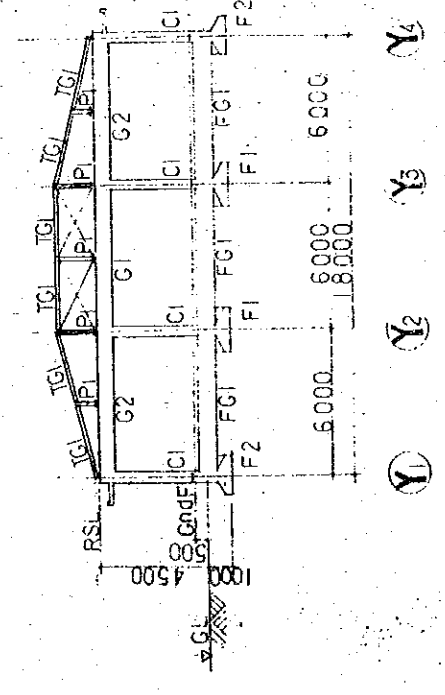
X1 LINE FRAMING ELEVATION S=1/200



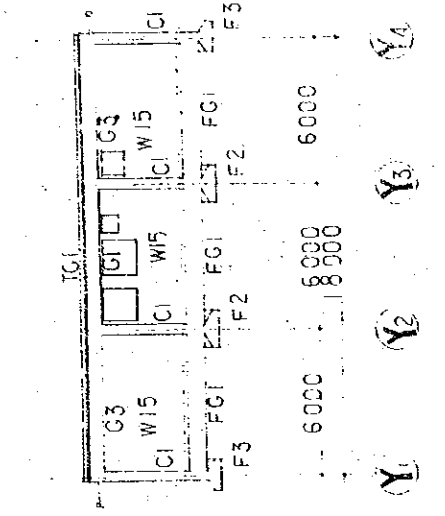
X2 LINE FRAMING ELEVATION S=1/200



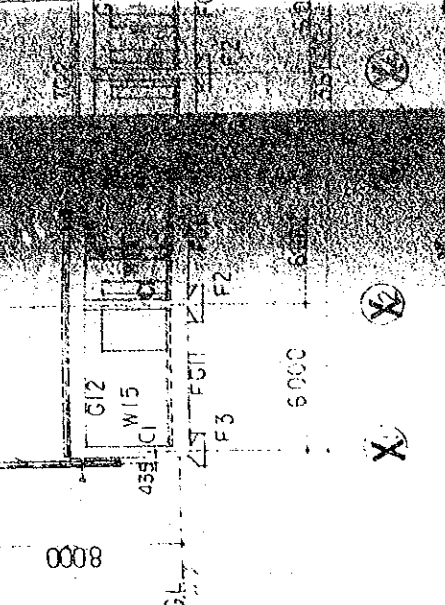
X3 LINE FRAMING ELEVATION S=1/200



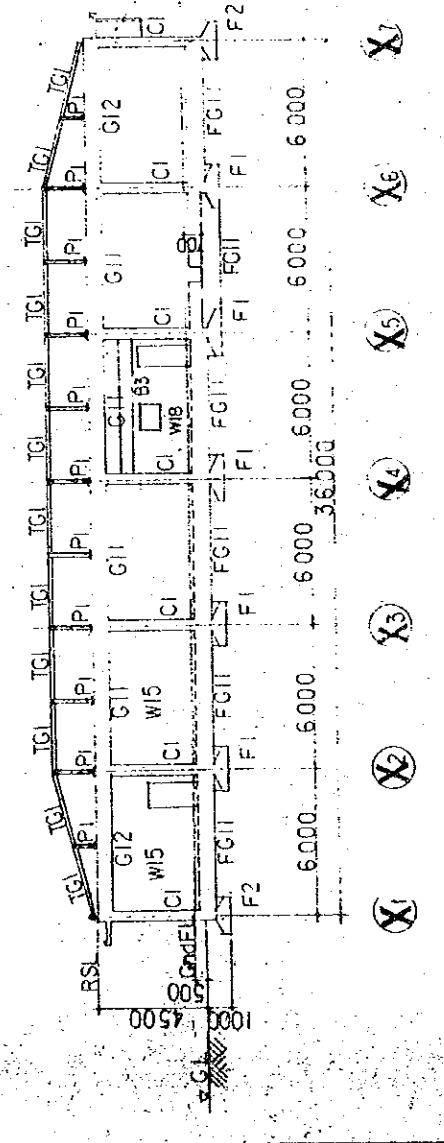
X4 LINE FRAMING ELEVATION S=1/200



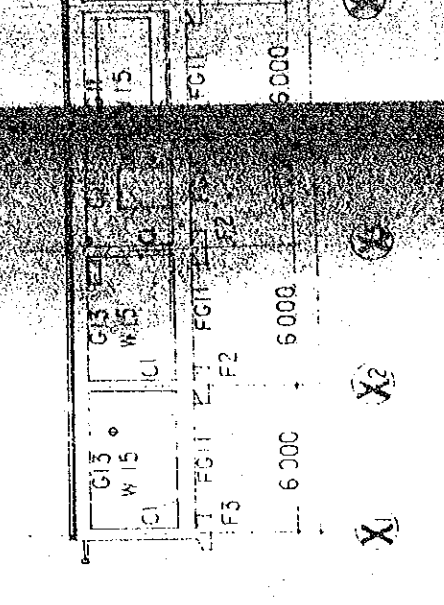
X5 LINE FRAMING ELEVATION S=1/200



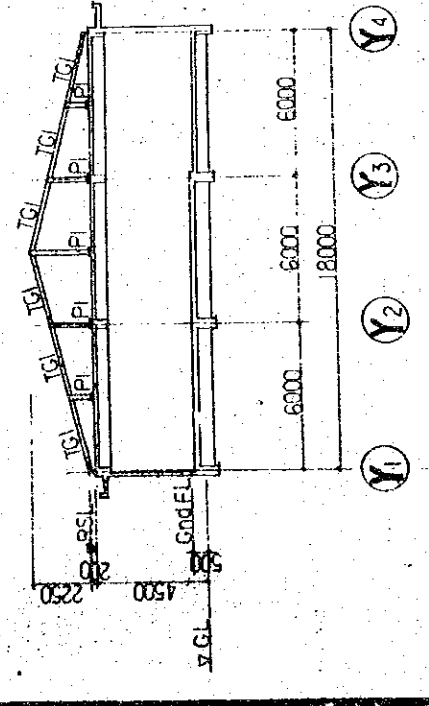
X6 LINE FRAMING ELEVATION S=1/200



Y3 LINE FRAMING ELEVATION S=1/200

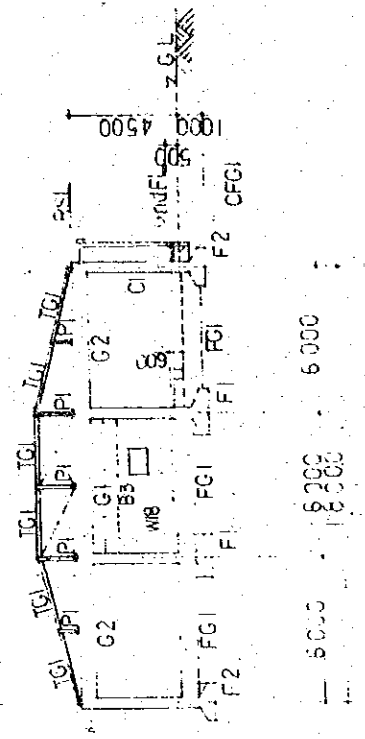
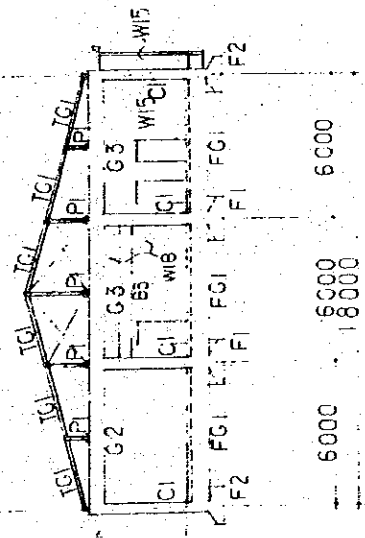
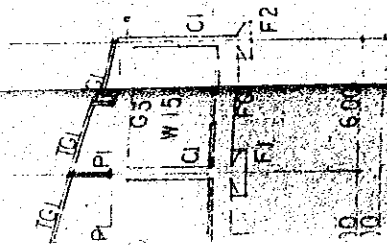


Y4 LINE FRAMING ELEVATION S=1/200



B-B SECTION S=1/200

PERMISE SF



Y1 Y2 Y3 Y4

Y1 Y2 Y3 Y4

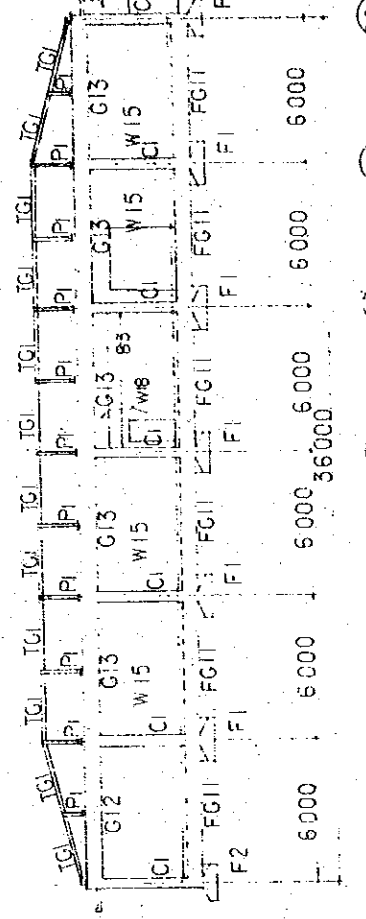
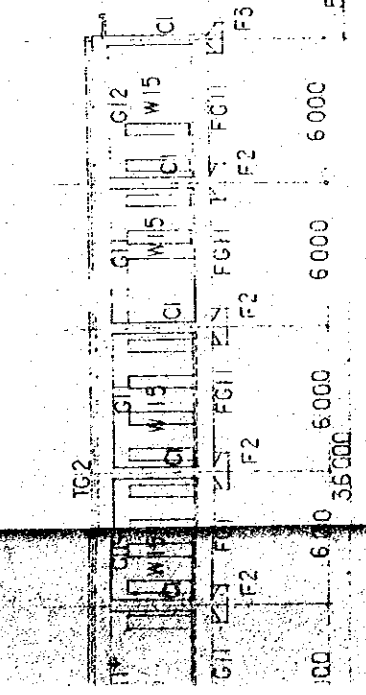
Y1 Y2 Y3 Y4

ELEVATION S=1/200

X4 LINE FRAMING ELEVATION S=1/200

X5 LINE FRAMING ELEVATION S=1/200

LOWER POLE (1)



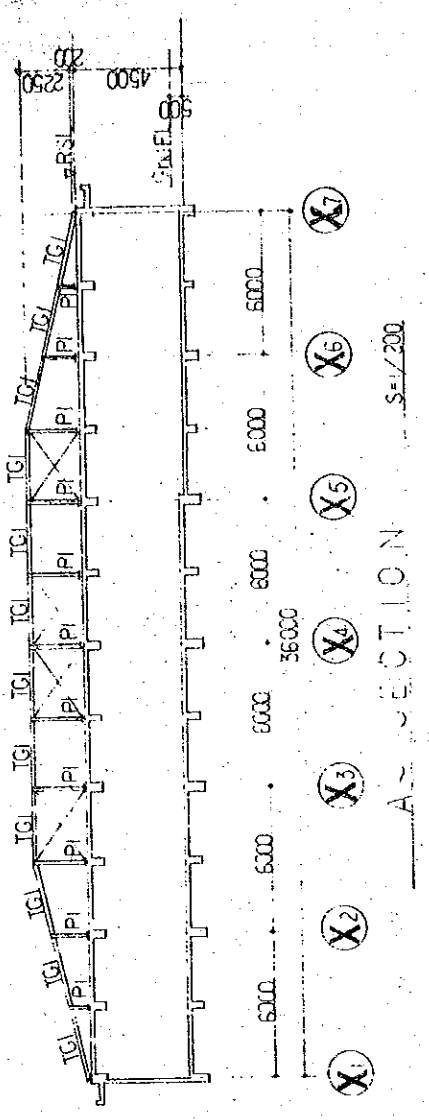
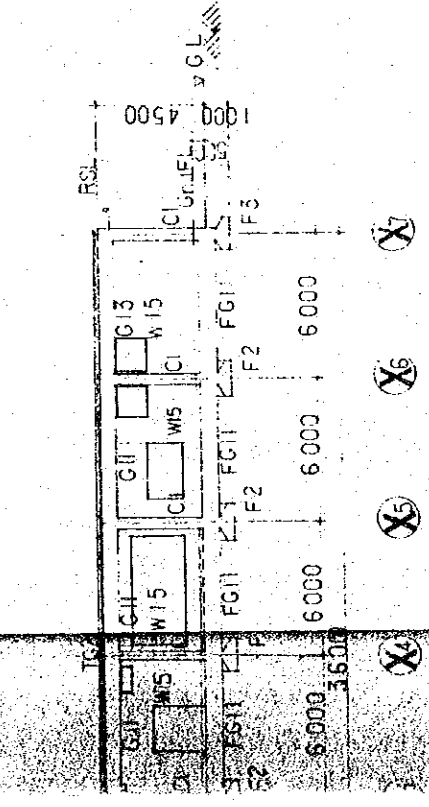
X3 X4 X5 X6 X7

X3 X4 X5 X6 X7

X3 X4 X5 X6 X7

X1 LINE FRAMING ELEVATION S=1/200

X2 LINE FRAMING ELEVATION S=1/200



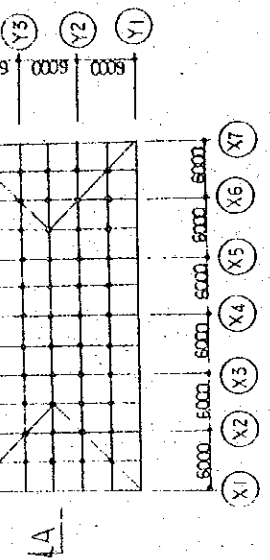
X8 X9 X10 X11 X12

X8 X9 X10 X11 X12

X8 X9 X10 X11 X12

X6 LINE FRAMING ELEVATION S=1/200

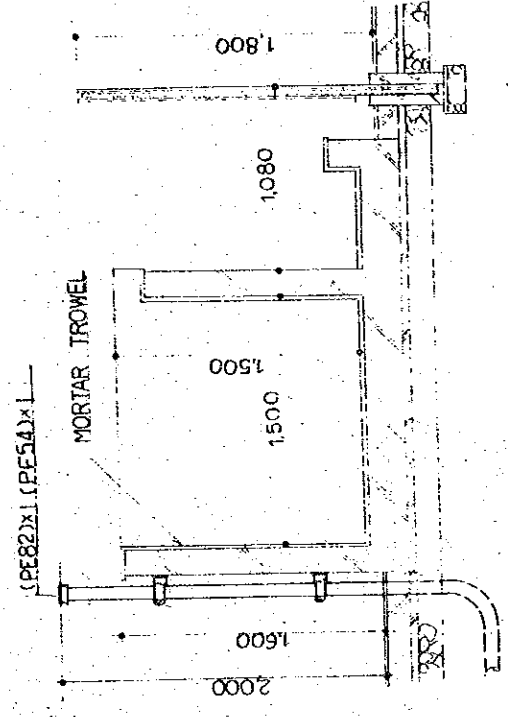
X7 LINE FRAMING ELEVATION S=1/200



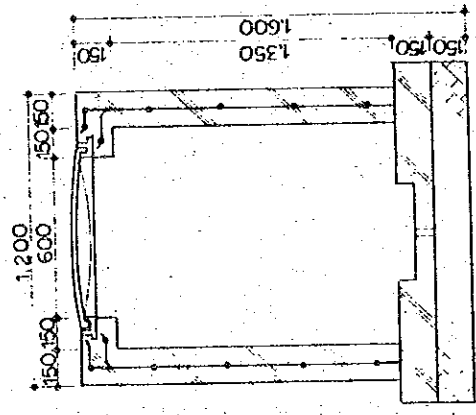
NOTES
UNLESS OTHERWISE SPECIFIED — VERTICAL BRACE: ROUND STEEL BAR 12#

ROOF FRAMING KEY PLAN S=1/500

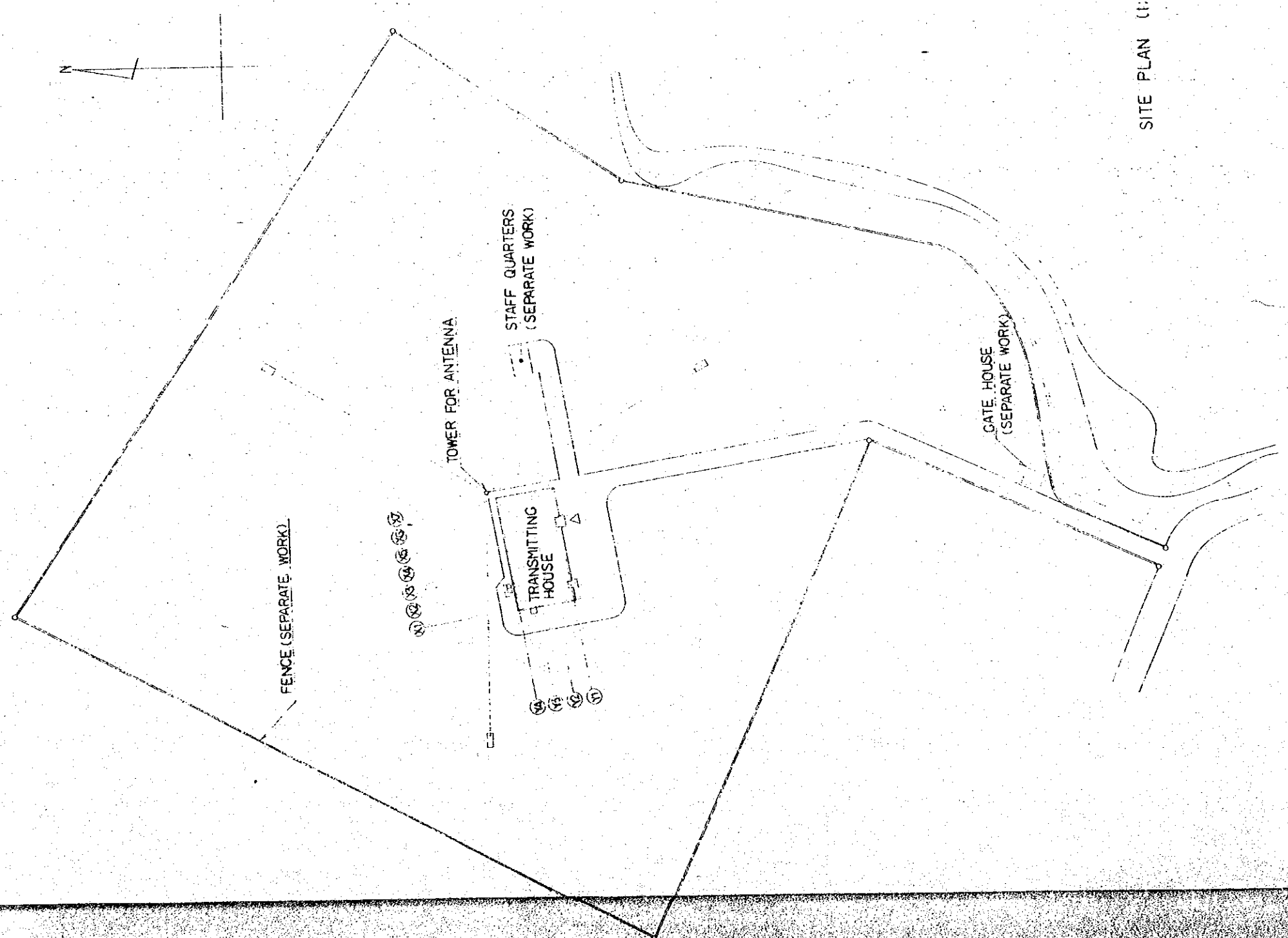
MEDIUM WAVE DOME CASTING NETWORK		DRAWING NO.	S-306
COMMERCIAL TRANSMITTING STATION		SCALE	1/200
TITLE OF DRAWING		UNIT	MM
FRAMING ELEVATION		DATE	JAN. 1981



DETAIL OF WATER TANK FOR ENGINE DUMMY (1:30)

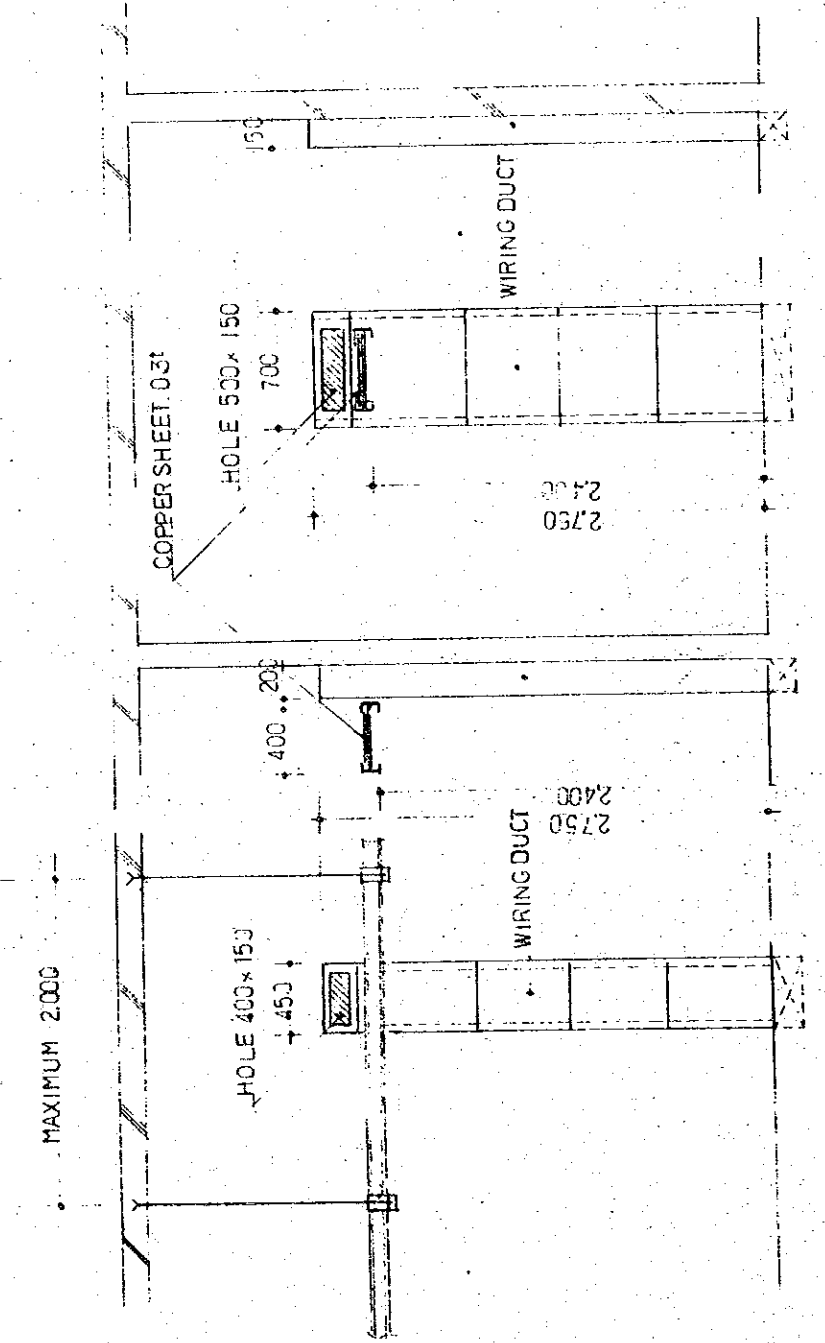
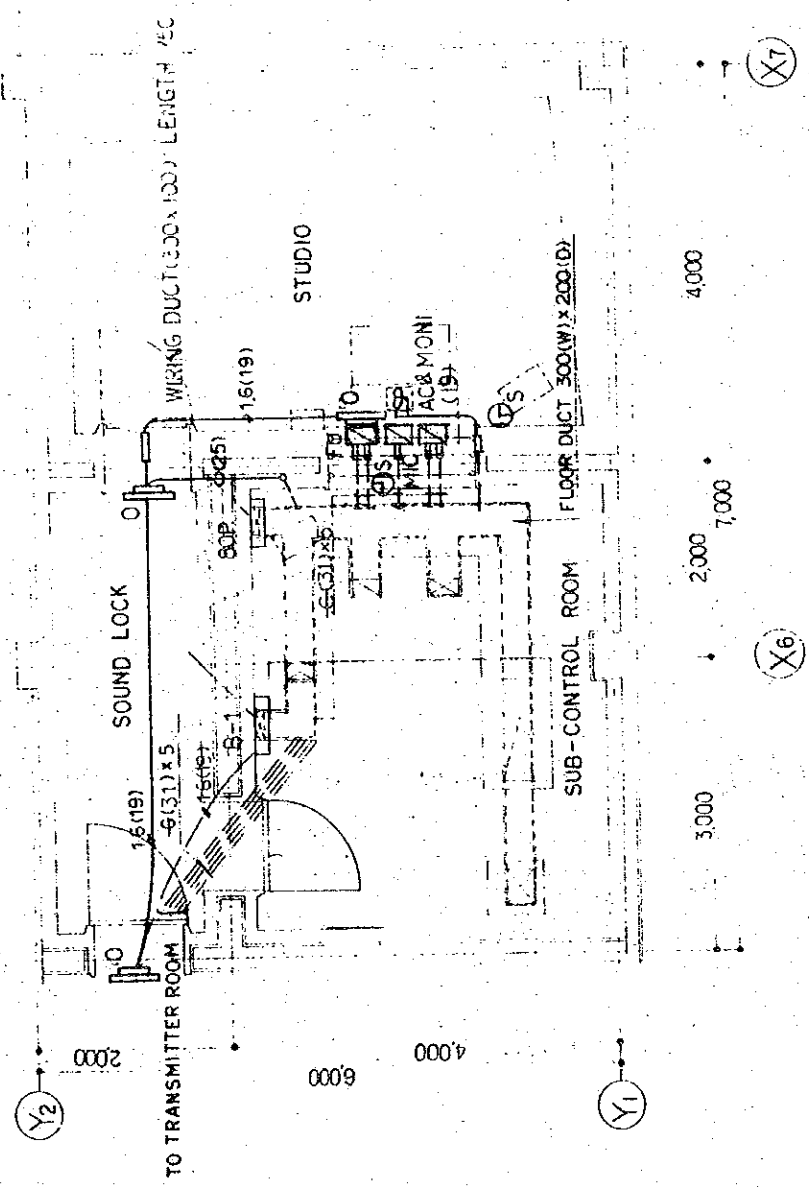
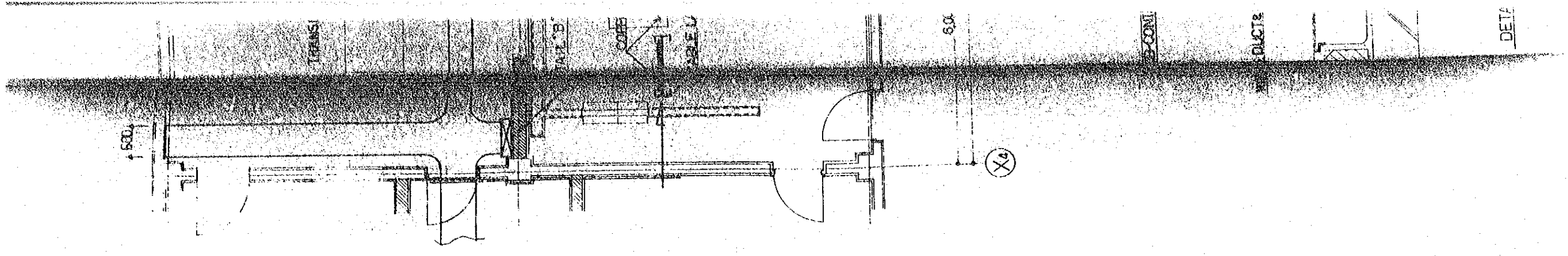


DETAIL OF MANHOLE (1:20)



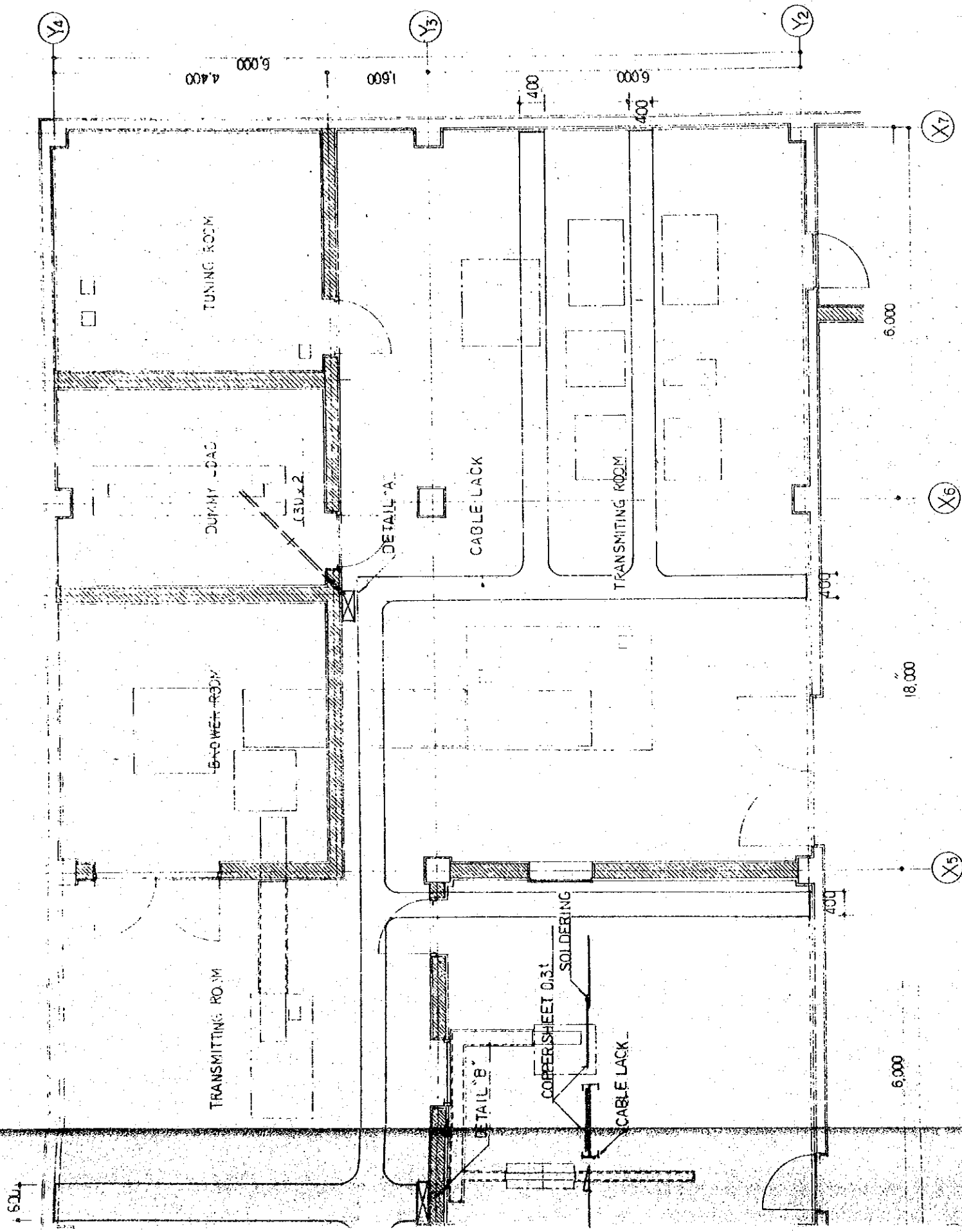
SITE PLAN (1:1000)

ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL		DRAWING NO. E-301
OKHARA TRANSMITTING STATION		SCALE 1:1000
TITLE OF DRAWING SITE PLAN		DATE JAN 1981

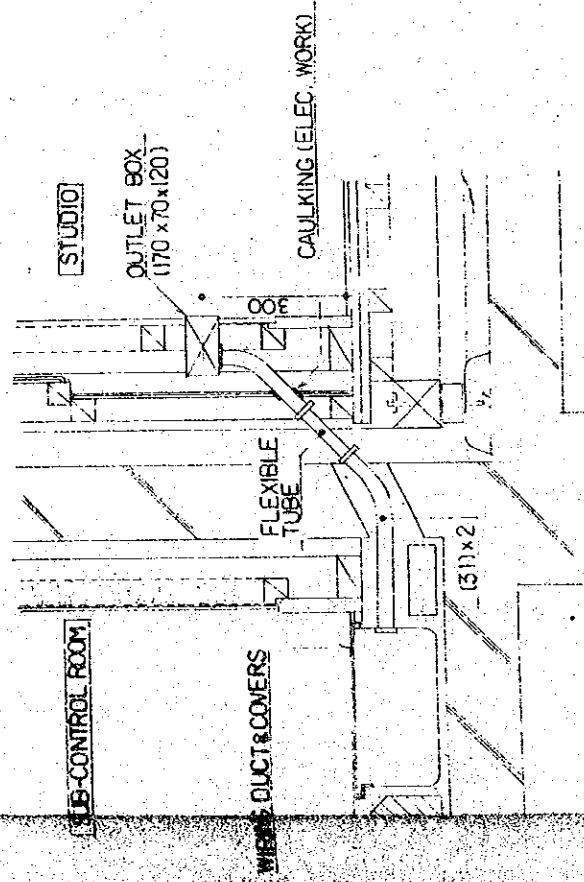


DETAIL 'A'

DETAIL 'B'

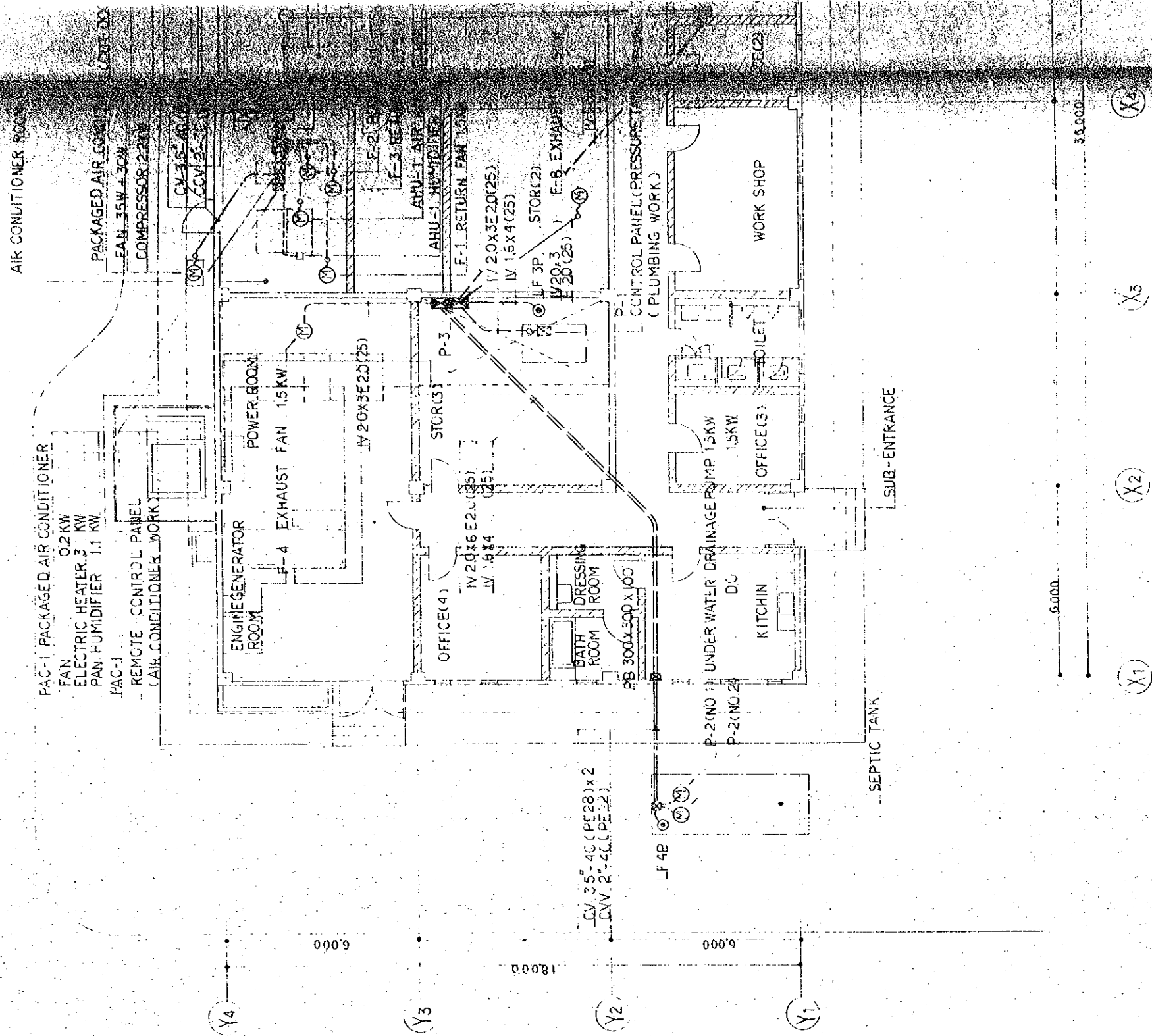


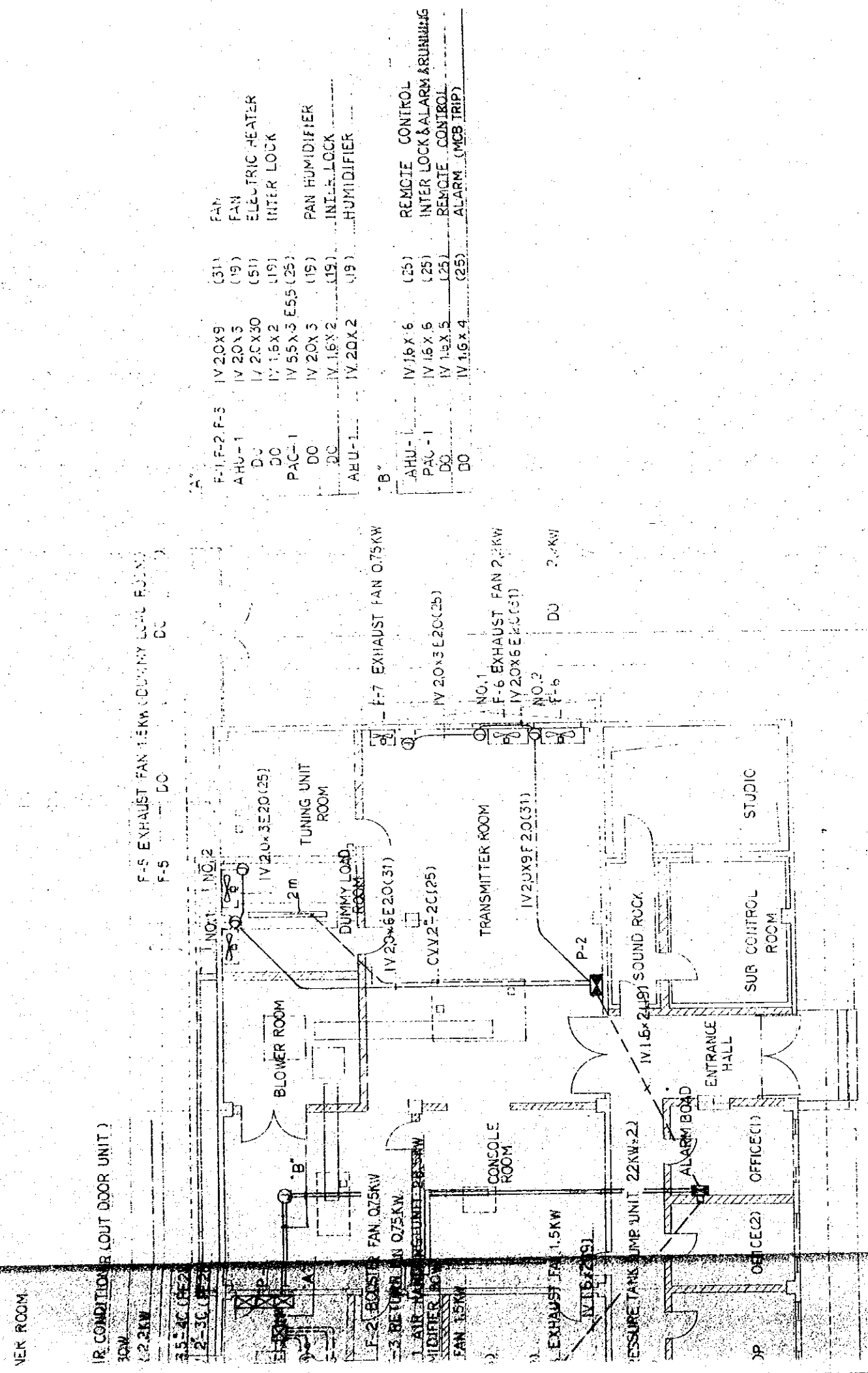
"A" HOLD (WALL) 700x250^H OTHER WORK (BLDG WORK)
 "B" DO 500x250^H DO



DETAIL OF OUTLET BOX & PIPING 1:10

THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL		DRAWING NO. E-303
POKHARA TRANSMITTING STATION		SCALE 1:20 1:50
TITLE OF DRAWING CABLE RACK DETAILS AND PIPING FOR STUDIO		DATE JAN 1981





A

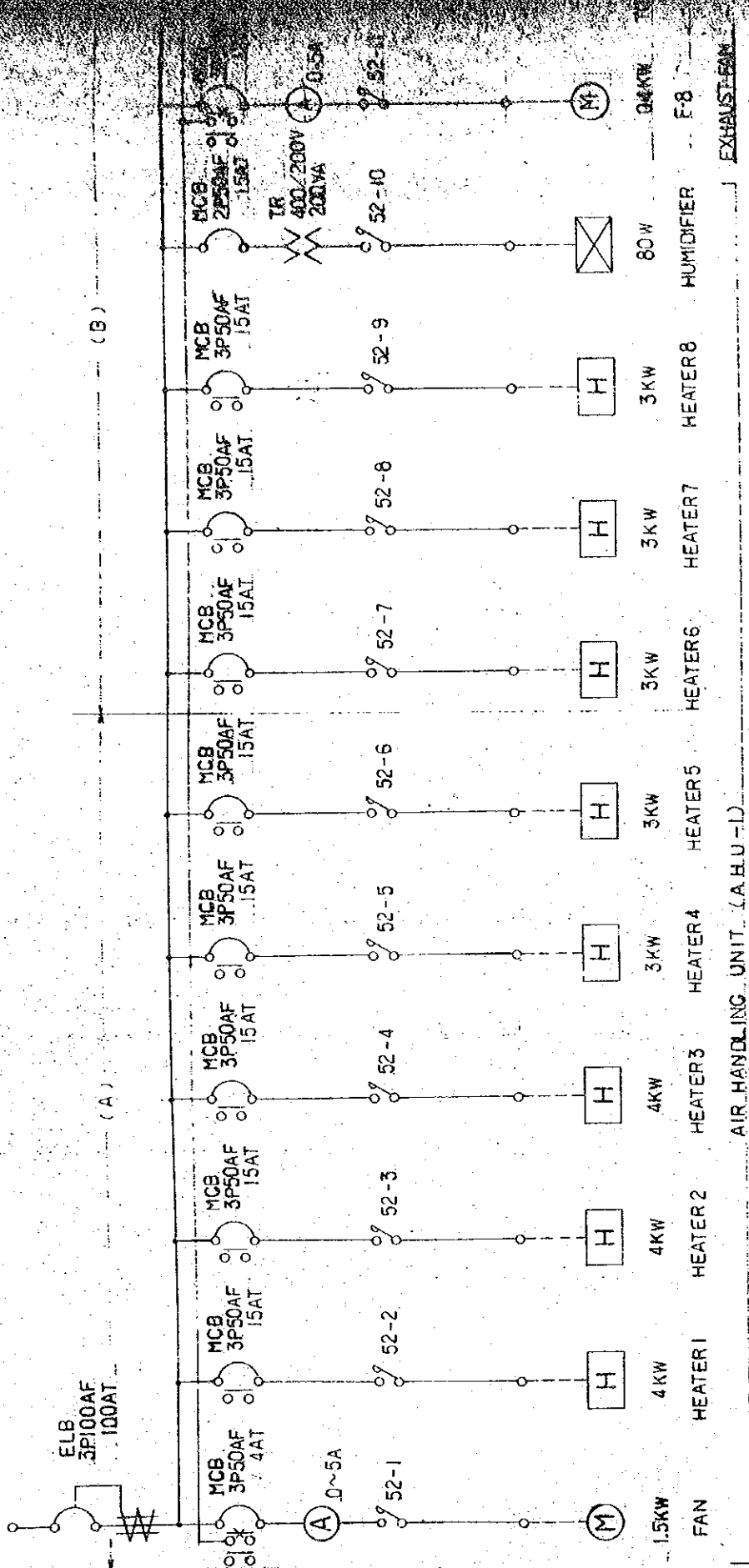
F-1, F-2, F-3	IV 20x9	(31)	FAN
AHU-1	IV 20x5	(19)	FAN
DU	IV 20x30	(51)	ELECTRIC HEATER
DO	IV 1.5x2	(19)	INTER LOCK
PAC-1	IV 5.5x3.5	(25)	PAN HUMIDIFIER
DO	IV 20x3	(19)	INTER LOCK
DO	IV 1.5x2	(19)	INTER LOCK
AHU-1	IV 20x2	(19)	HUMIDIFIER

B

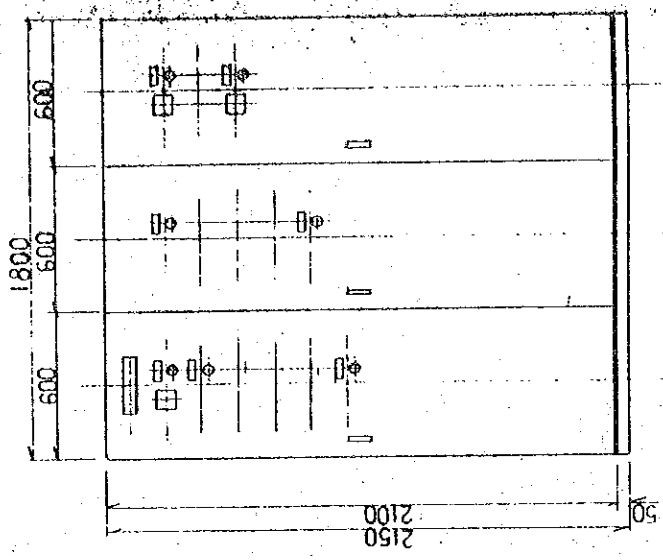
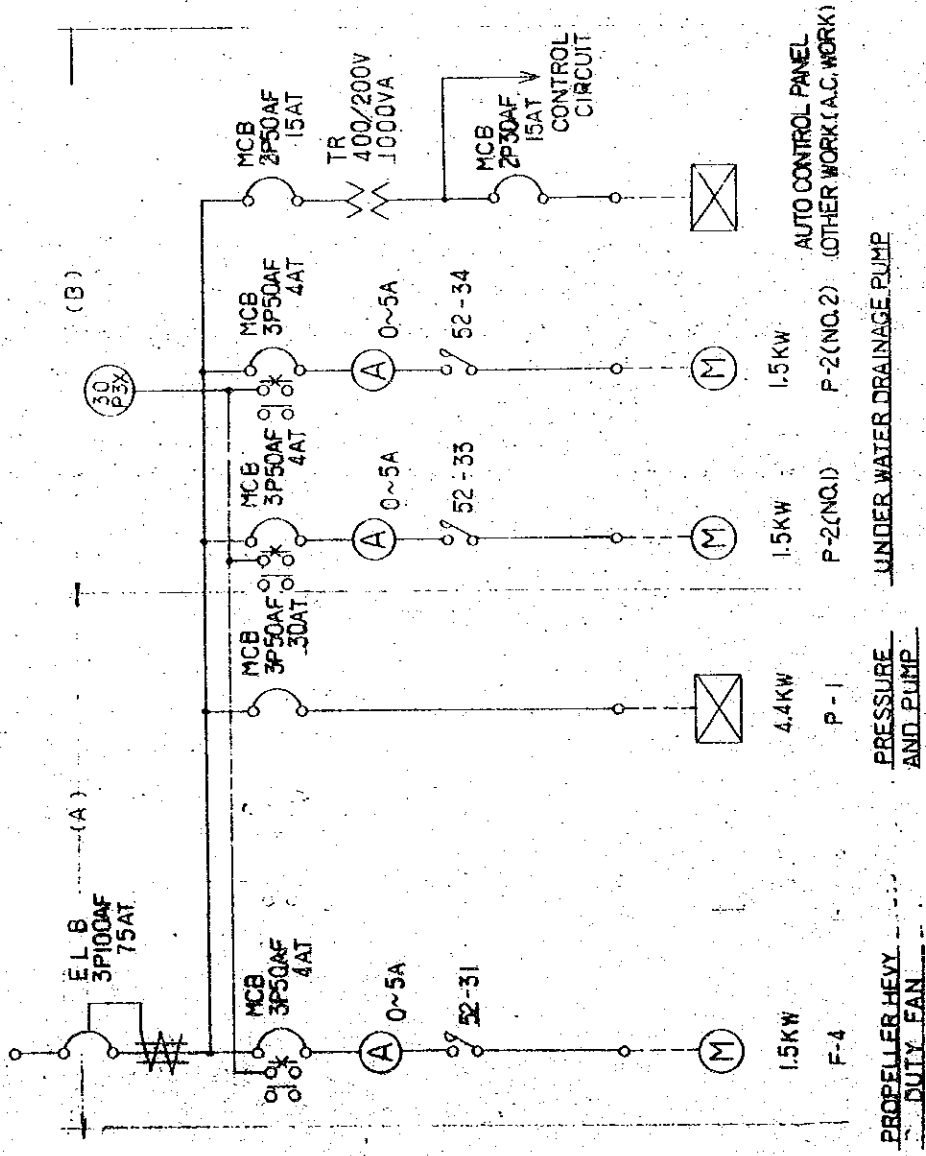
AHU-1	IV 1.6x6	(25)	REMOTE CONTROL
PAC-1	IV 1.6x5	(25)	INTER LOCK & ALARM
DO	IV 1.5x5	(25)	REMOTE CONTROL
DO	IV 1.6x4	(25)	ALARM (MCS TRIP)

ESTABLISHMENT: POKHARA	
MEDIUM WAVE BROADCASTING NETWORK	
THE KINGDOM OF NEPAL	
POKHARA TRANSMITTING STATION	
TITLE OF DRAWING	
PIPING AND WIRING	
FOR POWER CIRCUITS	
DRAWING NO.	E 308
SCALE	1:100
DATE	JAN 1981

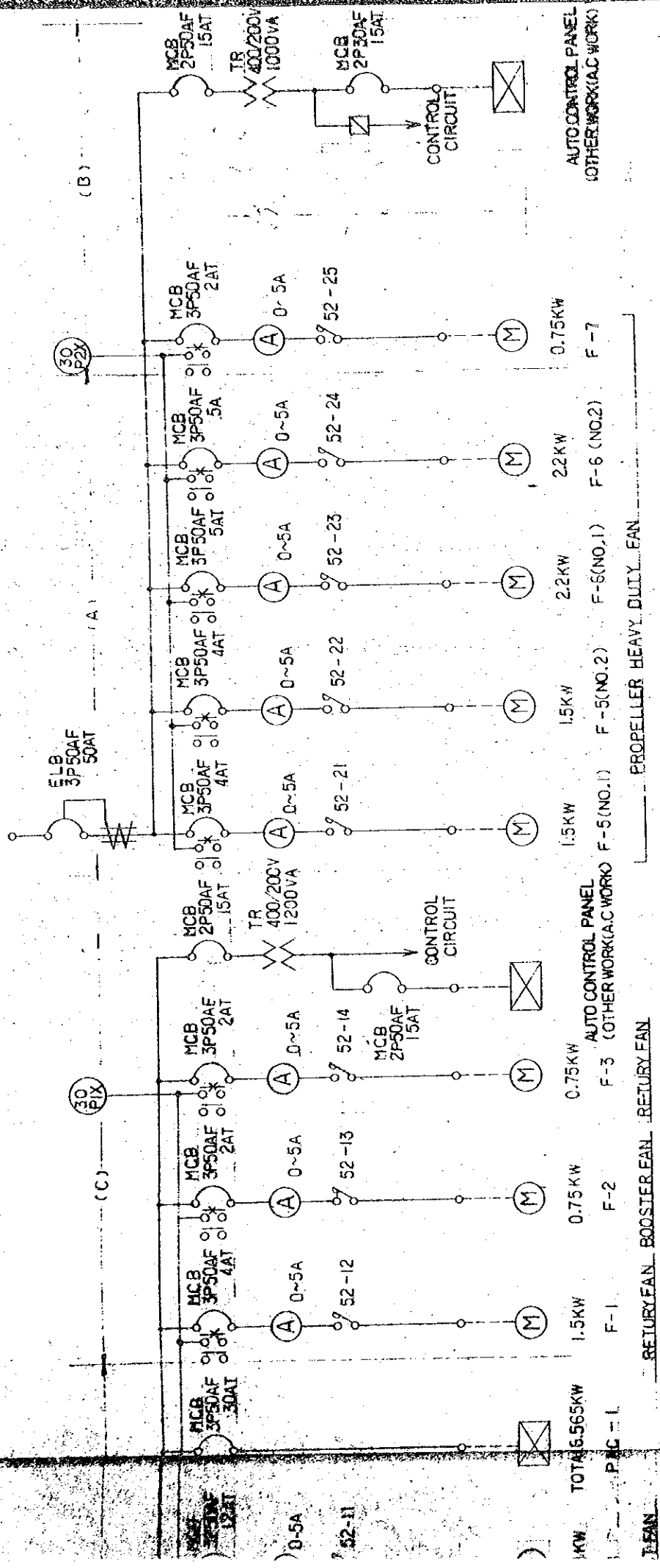
3Ø4W400/230V50HZ (P-1)



3Ø4W400/230V50HZ (P-3)



3φ 4W 400/230V 50HZ (P-2)



AUTO CONTROL PANEL
(OTHER WORK (A.C. WORK))

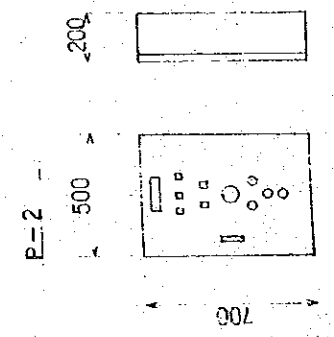
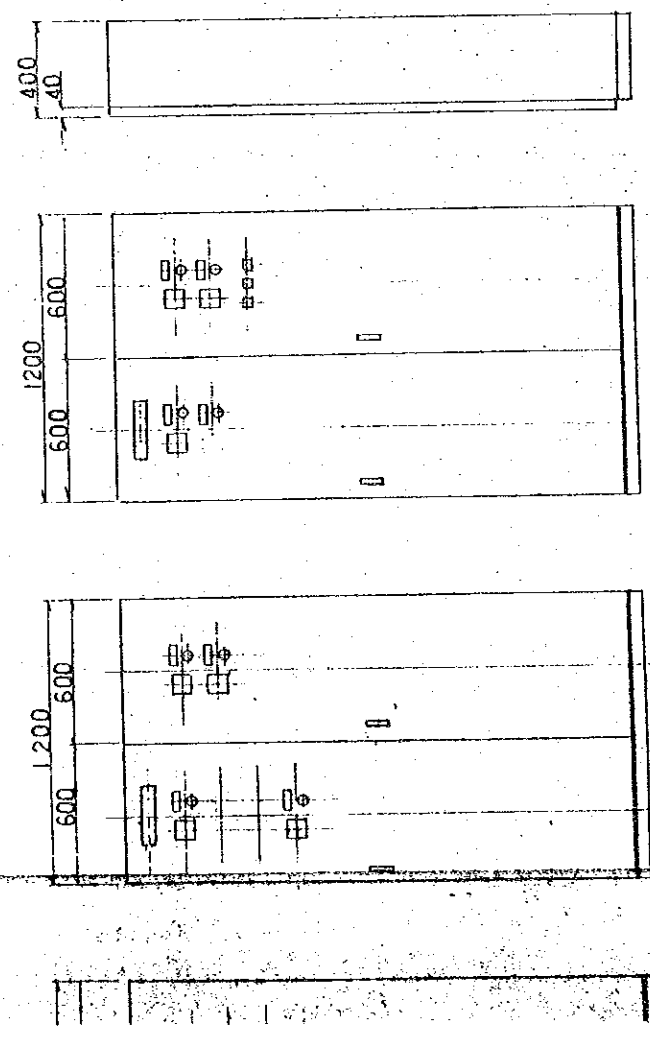
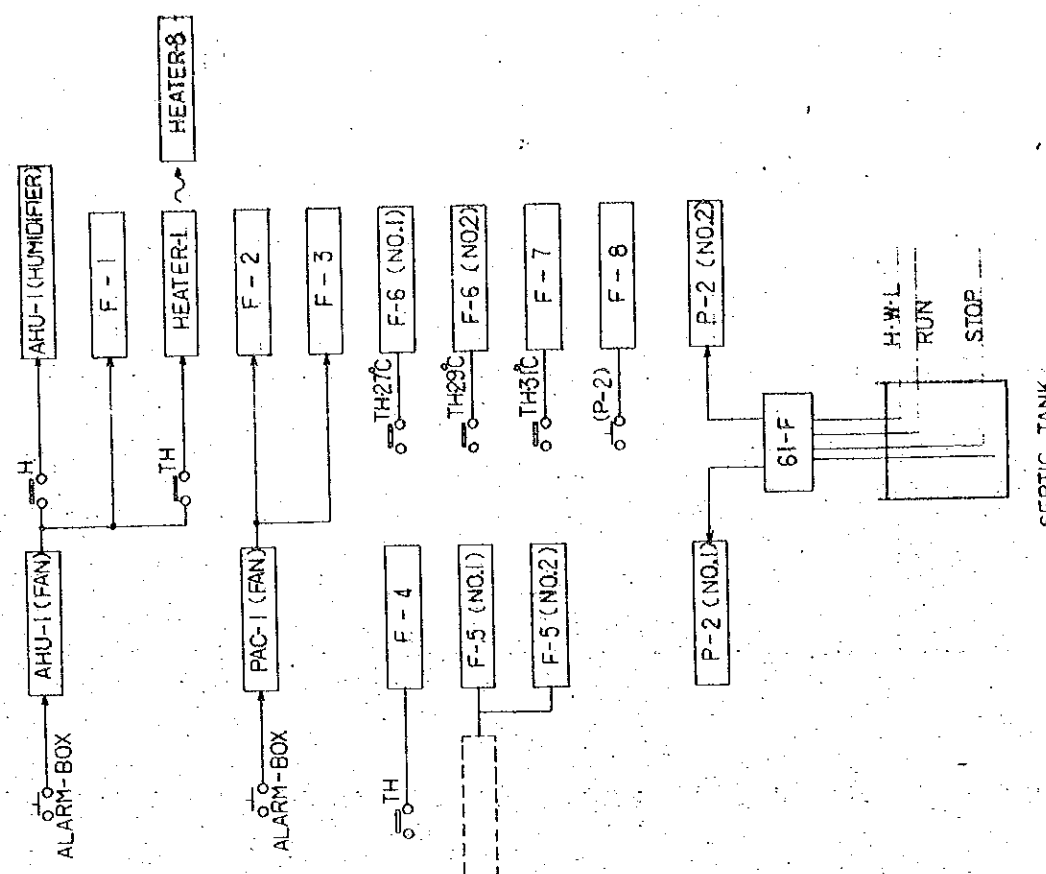
AUTO CONTROL PANEL
F-3 (OTHER WORK (A.C. WORK))

AUTO CONTROL PANEL
(OTHER WORK (A.C. WORK))

AUTO CONTROL PANEL
F-5 (NO.1) F-5 (NO.2)

PROPELLER HEAVY DUTY FAN

RETURN FAN BOOSTER FAN RETURN FAN



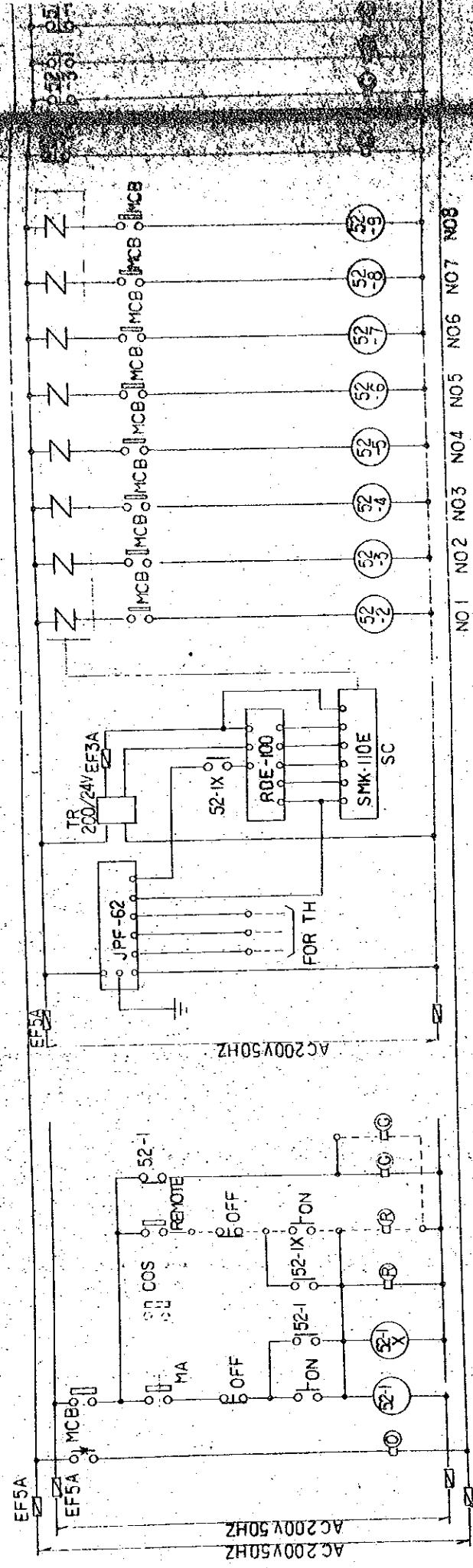
P-2

P-3

SEPTIC TANK

ALARM AND CONTROL BOX

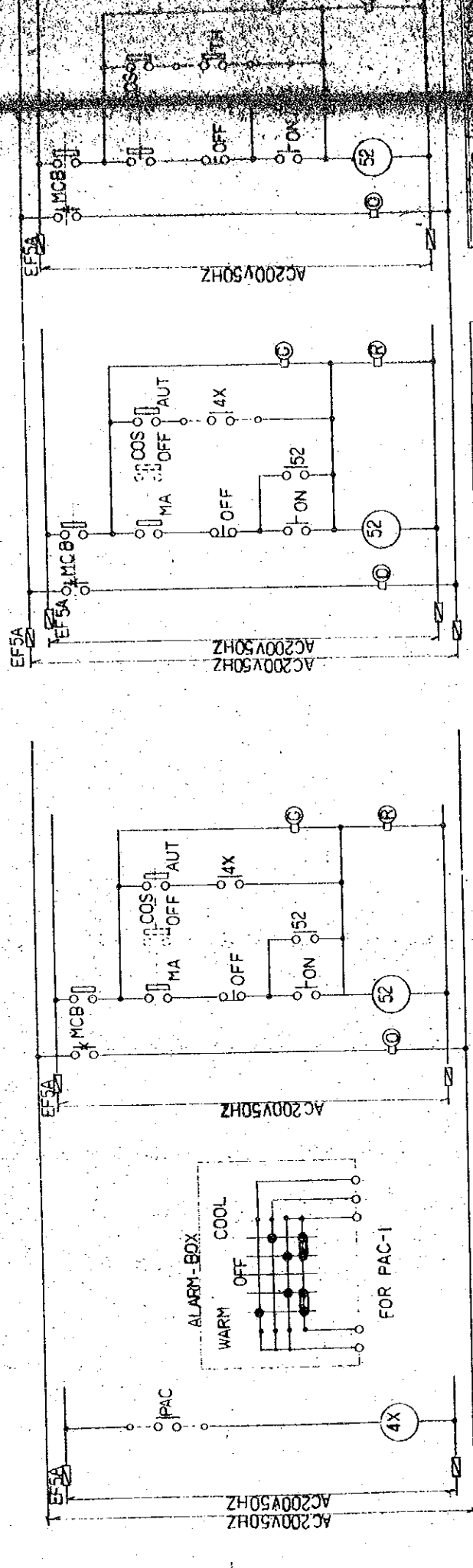
THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL		DRAWING NO. E-309
POKHARA TRANSMITTING STATION		SCALE 1:20
TITLE OF DRAWING VIEW AND SINGLE LINE DIAGRAM FOR POWER BOARD		DATE JAN '1981



AHU-1 (FAN) 1.5KW

NO1 NO2 NO3 NO4 NO5 NO6 NO7 NO8

AHU-1 (HEATER)

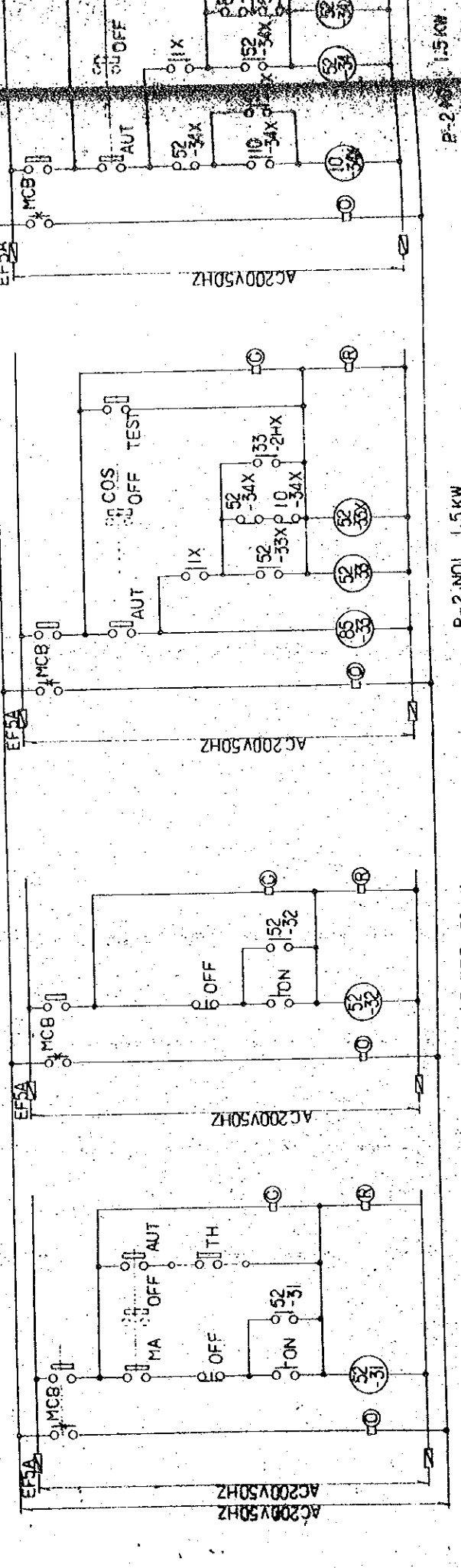


PAC-1 1.1KW

NO	NAME	KW	INTER LOCKING
13	F-2	0.75	PAC-1
14	F-3	0.75	PAC-2

NO	NAME	KW	INTER LOCKING
21	F-5 NO1	1.5	
22	F-5 NO2	1.5	

NO	NAME	KW	INTER LOCKING
23	F-5 NO12	1.5	
24	F-5 NO23	1.5	
25	F-7	0.5	3°C

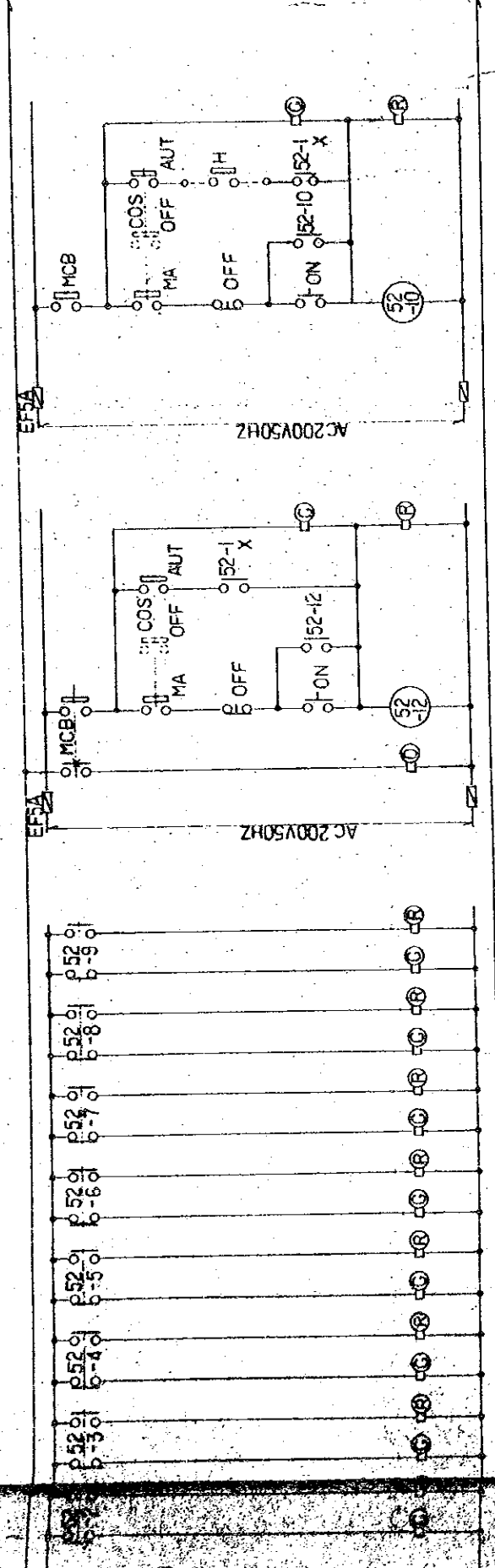


F-4 1.5KW

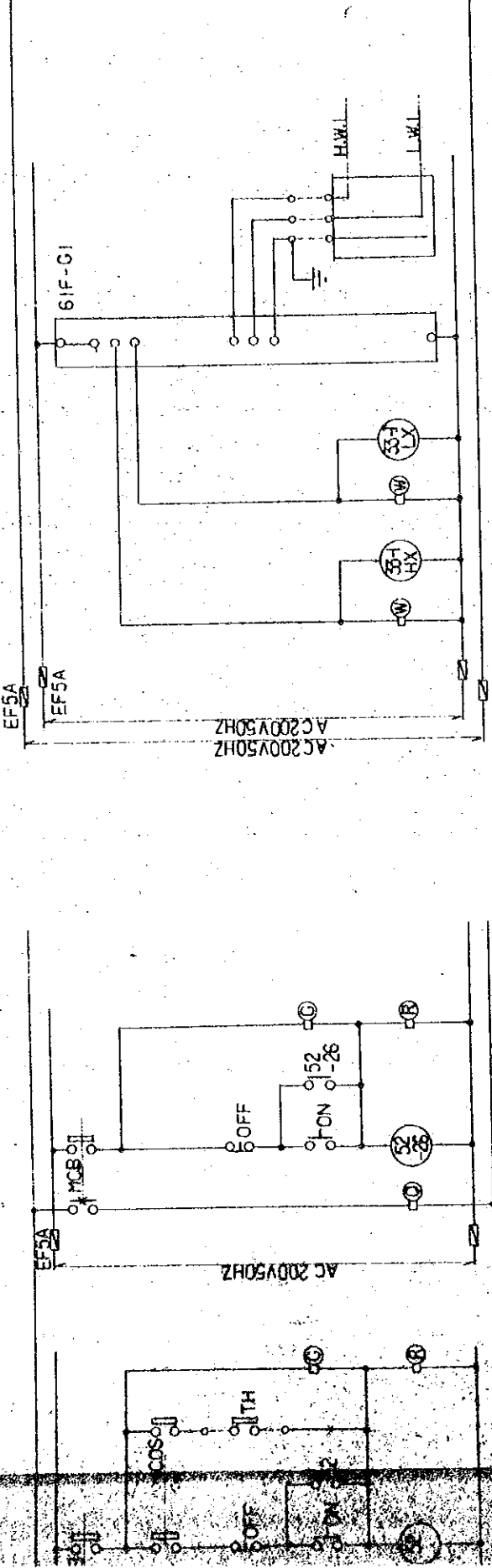
ELECTRIC HEATER 30KW

P-2 NO1 1.5KW

P-2 NO2 1.5KW

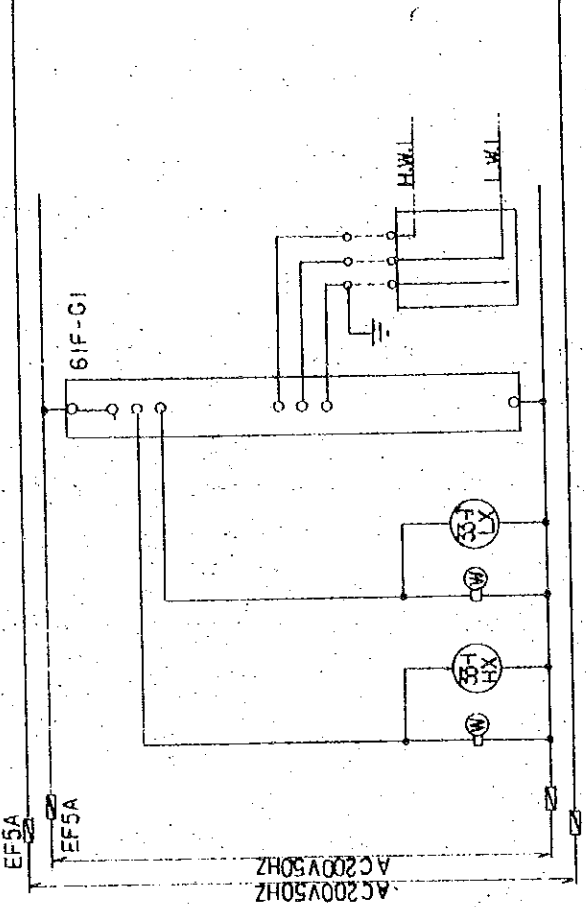


F-1 1.5 KW AHU I HUMIDIFIER 200V/50W

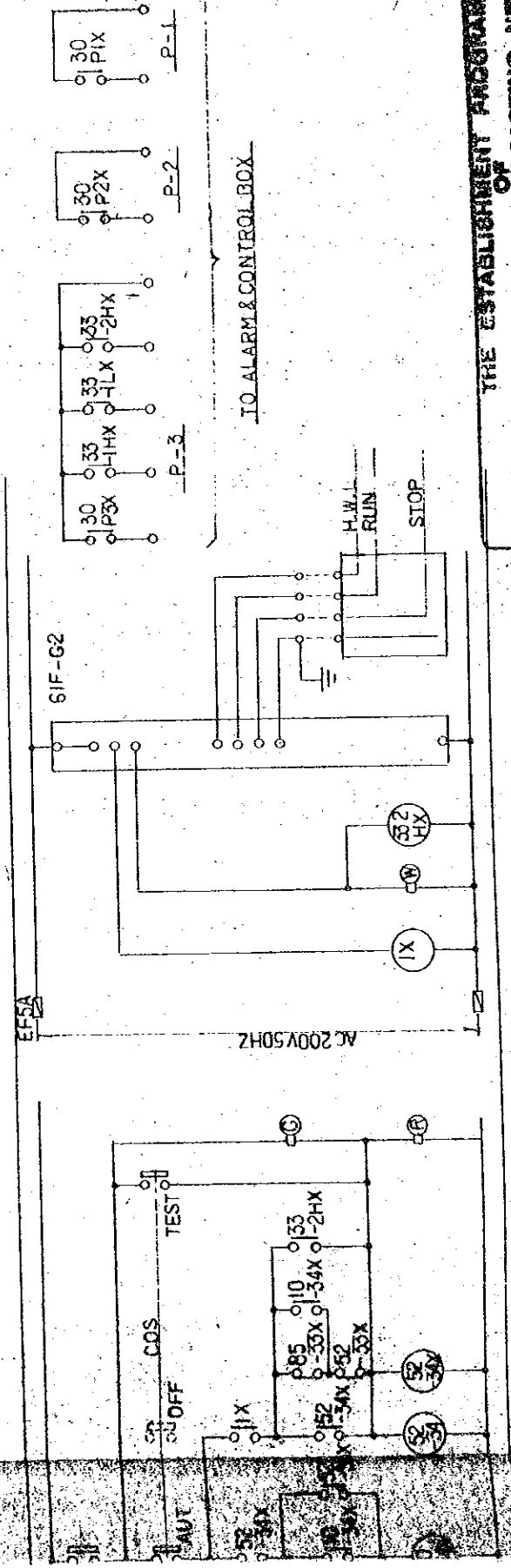


F-8 0.4 KW

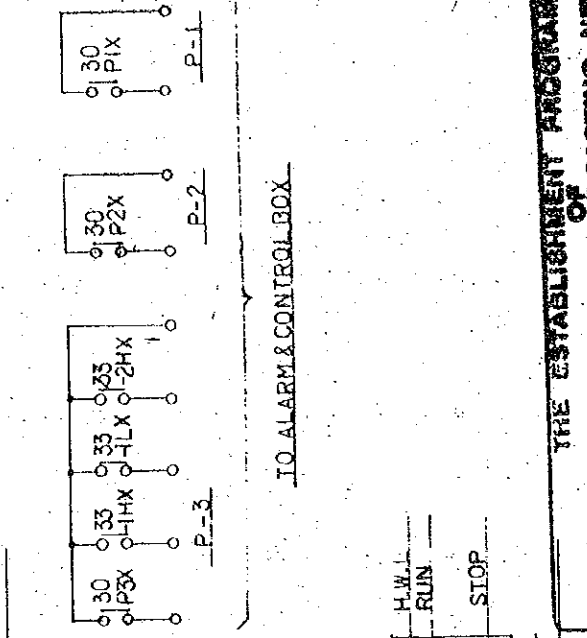
TEMPERATURE	LOCKING
27°C	27°C
29°C	29°C
31°C	31°C



HIGH WATER LEVEL LOW WATER LEVEL RECEIVE WATER TANK



F-2 NO 1.5 KW

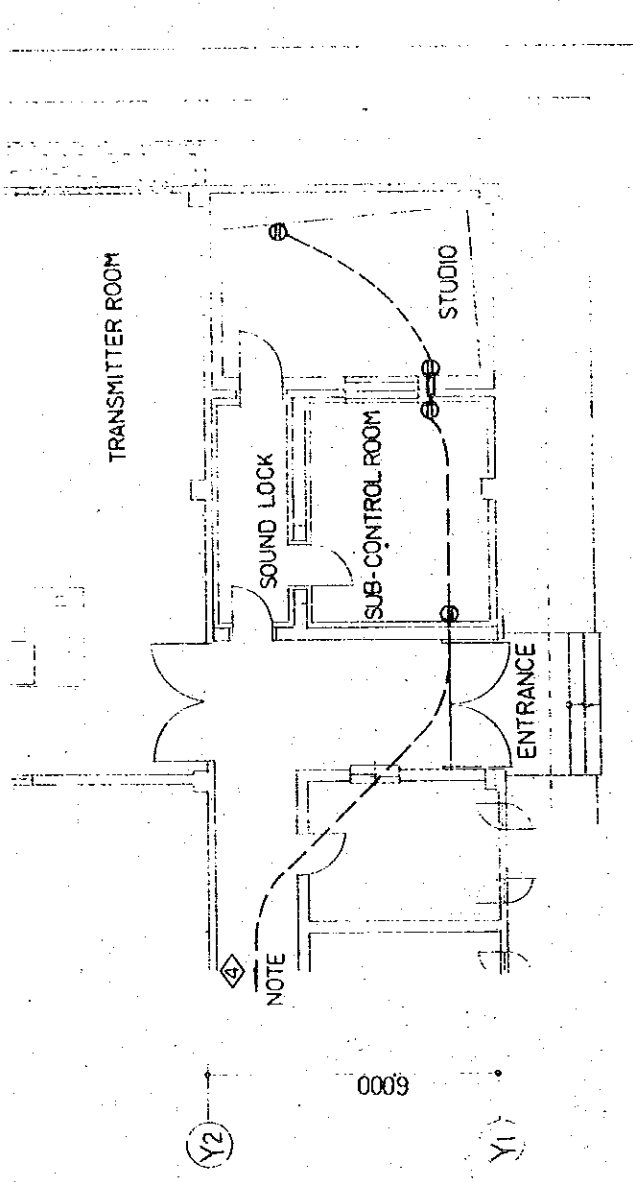
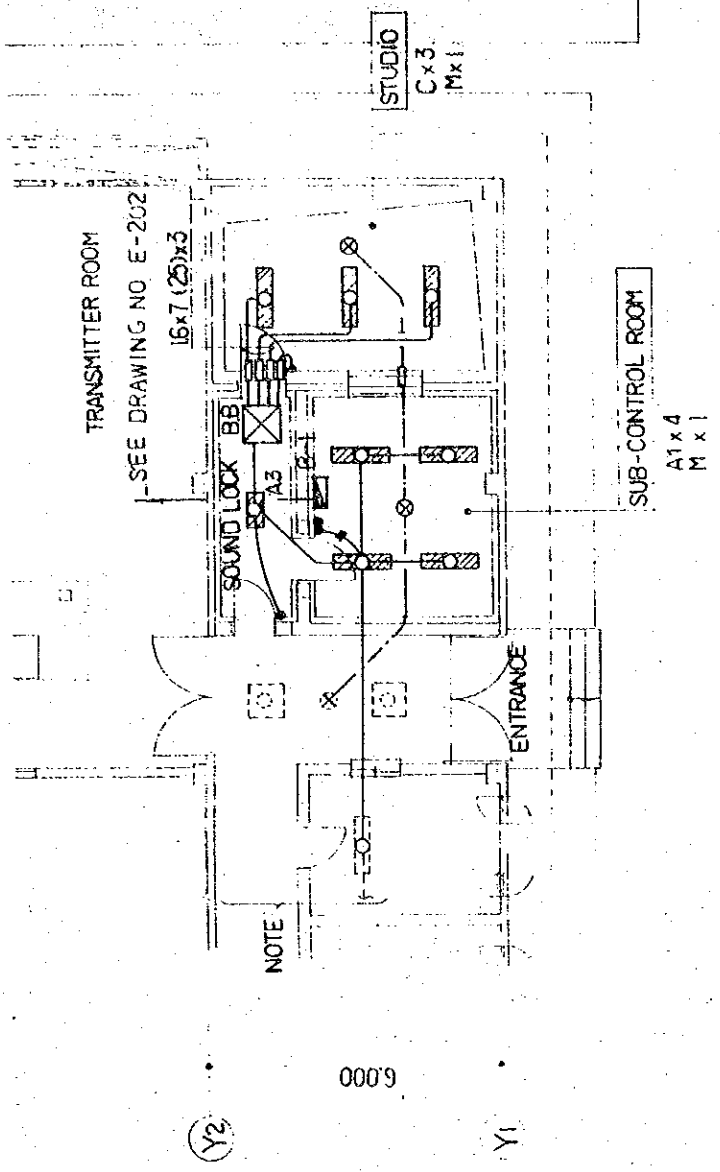


HIGH WATER LEVEL SEPTIC TANK

MCB ; MCB AUXILIARY SWITCH

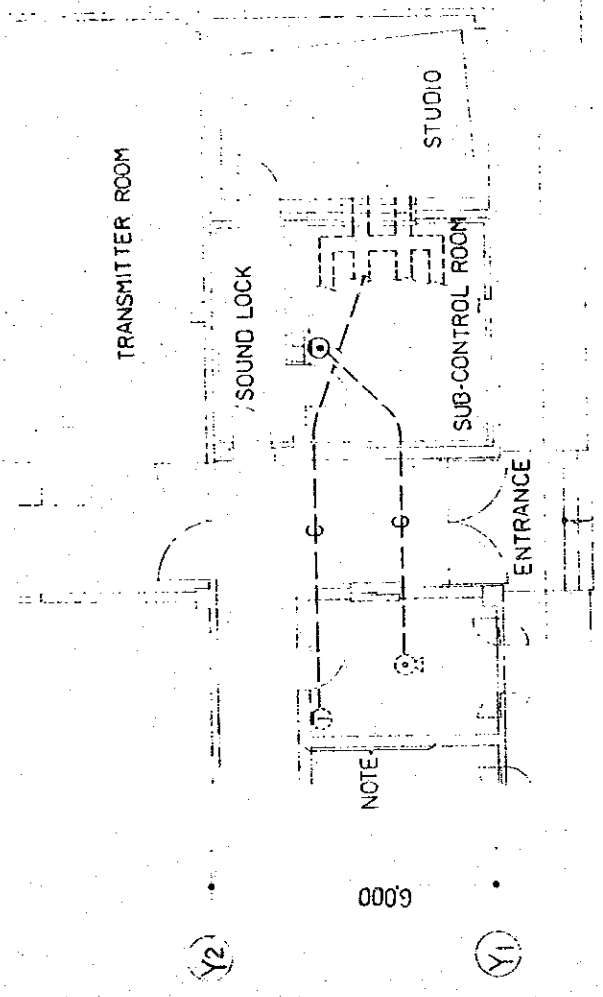
THE ESTABLISHMENT PROGRAMME	
MEDIUM WAVE BROADCASTING NETWORK	
IN THE KINGDOM OF NEPAL	
PROJECT NO.	E-310
DATE	JAN 1981
POKHARA TRANSMITTING STATION	
TITLE OF DRAWING	
SEQUENCE DIAGRAM FOR POWER BOARD	

(X5) 6,000 (X6) 6,000 (X7)

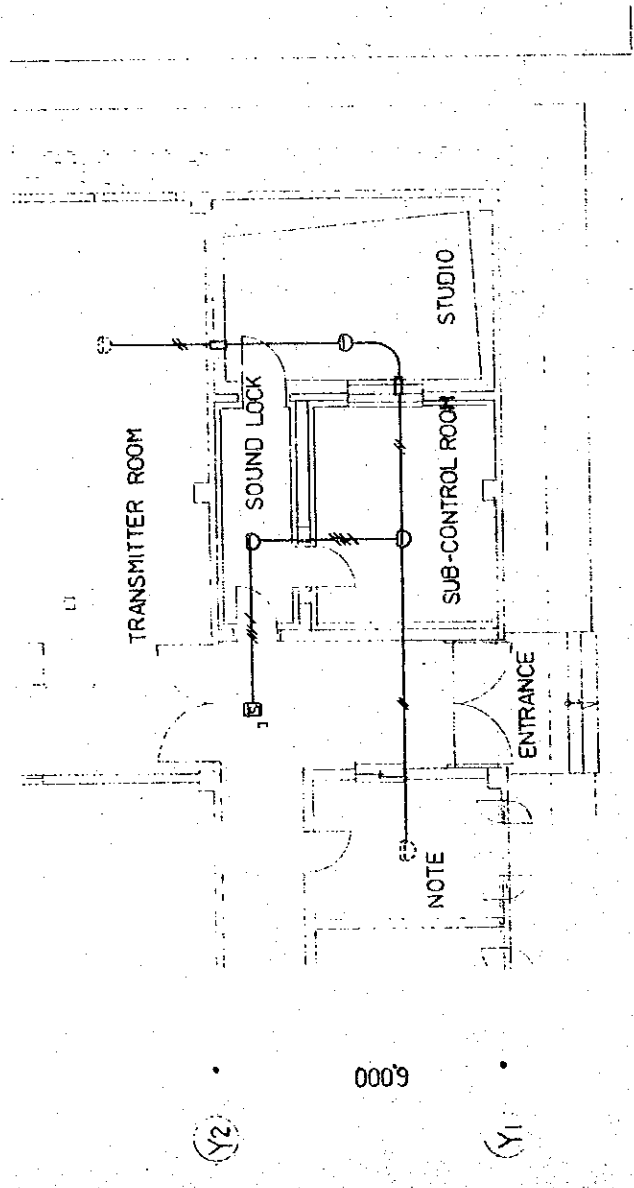


Handwritten mark or signature.

X5 X6 X7
 6,000 6,000 6,000



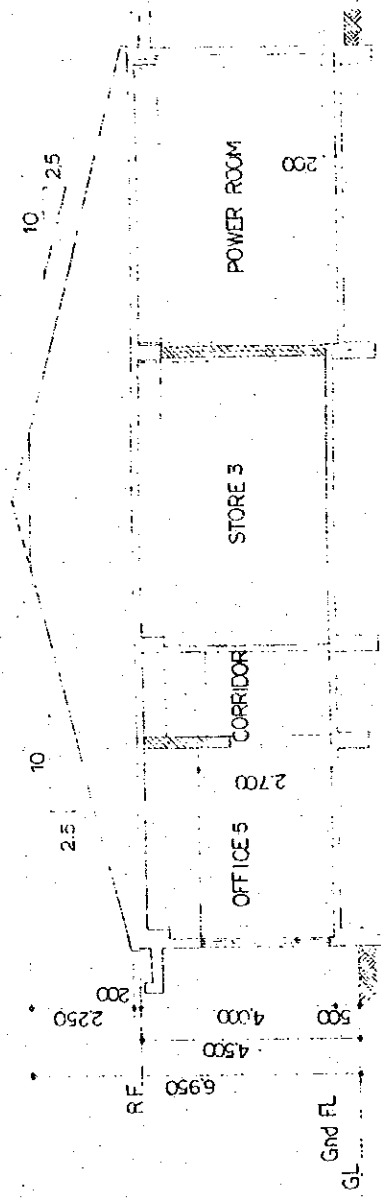
0009



0009

* NOTE SEE KATHMANDU TRANSMITTING STATION
 ELECTRIC WORK

THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL		DRAWING NO. E-313
POKHARA TRANSMITTING STATION		SCALE 1:100
TITLE OF DRAWING PIPING AND WIRING FOR LIGHTING FIXTURES' PLUG SOCKET' INTERPHONE' FIRE ALARM SYSTEM'		DATE JAN' 1981



Y1

Y2

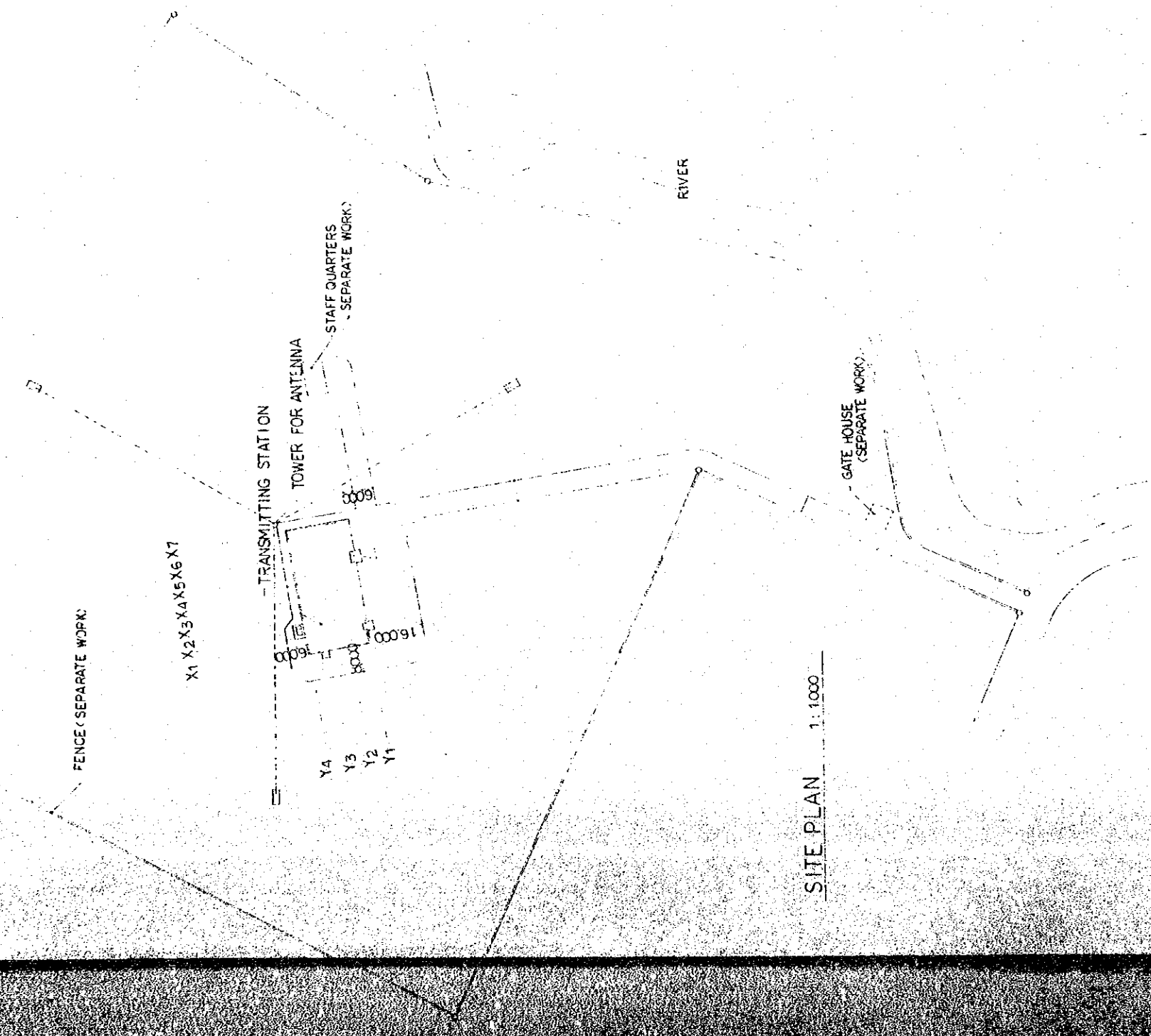
Y3

Y4

SECTION 1:100

LEGFND

SYMBOLS	ITEMS
	AIR DUCT (GALVANIZED STEEL SHEET)
	AIR VOLUME DAMPER
	AIR CHAMBER
	SOUND ABSORBING AIR CHAMBER
	SOUND ABSORBING ELBOW
	SOUND ABSORBING TEE
	OUTLET
	OUTLET
	INLET
	INLET
	FLEXIBLE CANVAS DUCT
	SOUND PROOF DUCT (MORTAR 25t)



SITE PLAN 1:1000

THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL		DESIGNED NO. H-301
POKHARA TRANSMITTING STATION		SCALE 1:1000 (1/2500)
TITLE OF DRAWING		DATE JAN' 1981
SITE PLAN, LEGEND & BUILDING SECTION		

DESIGN CONDITION

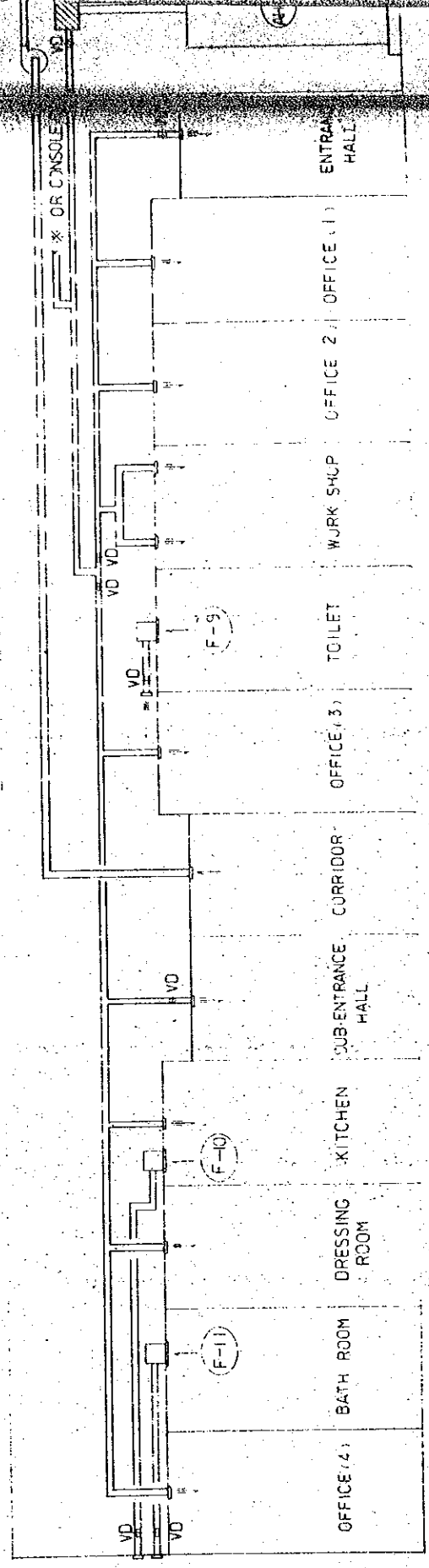
INLET OF	WB °C	RH %	DB °C
SUMMER	24.5 °C	65 %	30 °C
WINTER	5.7 °C	70 %	6.0 °C

AIR CONDITIONING INLET TEMPERATURE

LIST OF MACHINES

NO.	ITEM	SPECIFICATIONS	QTY	REMARKS	NO.
AHU - 1	NO. 1 AIR HANDLING UNIT	FAN 3710 CMH x 50 MM AQ (EXT. SP.) x 1.5 KW (3' 4" 400V) HEATING CAPACITY 22650 KCAL/H ELECTRIC HEATER 27 KW (4 KW x 3 + 3 KW x 5) HUMIDIFYING VOLUME 8.3 KG/H WATER SPRAY TYPE HUMIDIFIER (HIGH PRESSURE) 1/2 (V. 50 W)	1	W/AIR FILTER VA-50 S & VIBRATION PROTECTION (PAD)	F - 4
PAC - 1	HEAT PUMP PACKAGED AIR CONDITIONER (INDOOR UNIT)	FAN 1600 CMH x 5 MM AQ x 0.2 KW (3' 4" 400V) COOLING CAPACITY 7100 KCAL/H HEATING CAPACITY 7100 KCAL/H SUB-ELECTRIC HEATER 3 KW PAN-TYPE HUMIDIFIER 1.1 KW	1	W/REMOTE CONTROL PANEL, REFRIGERANT PIPE, AIR FILTER VA-50 S & VIBRATION PROTECTION (PAD)	F - 5
	DITTO (OUTDOOR UNIT)	COMPRESSOR 2.2 KW FAN 0.035 x 0.03 KW	1		F - 7
F - 1	NO. 1 RETURN FAN	MULTIBLADE FAN NO. 2 SS x 3460 CMH x 40 MM AQ (EXT. SP.) x 1.5 KW (3' 4" 400V)	1	HUNG FROM SLAB ABOVE W/VIBRATION PROTECTION	F - 8
F - 2	NO. 2 BOOSTER FAN	MULTIBLADE FAN NO. 2 SS x 1600 CMH x 70 MM AQ (EXT. SP.) x 0.75 KW (3' 4" 400V)	1	DITTO	F - 10
F - 3	NO. 3 RETURN FAN	MULTIBLADE FAN NO. 2 SS x 1600 CMH x 70 MM AQ (EXT. SP.) x 0.75 KW (3' 4" 400V)	1	DITTO	F - 11

NOTE: AIR FILTER EQUAL TO 100% OF NUMBER OF FILTERS IN SERVICE.



AIR FILTER VA-50 S
500W x 500H x 50T

AIR FILTER VA-50 S
500W x 500H x 50T

EXHAUST LOUVER
1000W x 500H (BUILDING WORKS)

CONDITION INLET OF PAC-1
 DB °C WB °C
 SUMMER 27.5 °C 19.9 °C
 WINTER 19.1 °C 13.2 °C

NO.	ITEM	SPECIFICATIONS	QTY	REMARKS
F - 4	NO.4 EXHAUST FAN	MULTIBLADE FAN NO. 255 x 3700 CM x 30 MM EXT. SP. x 1.5 KW (3° 4' 400V)	1	ENGINE GENERATOR & P.W.R ROOM HUNG FROM SLAB ABOVE W/VIBRATION PROTECTION
F - 5	NO.5 EXHAUST FAN	PRESSUR FAN 250 CM x 8 MM x 1.5 KW (3° 4' 400V)	2	DUMMY LOAD ROOM
F - 6	NO.6 EXHAUST FAN	PRESSUR FAN 350 CM x 8 MM x 2.2 KW (3° 4' 400V)	2	TRANSMITTER ROOM
F - 7	NO.7 EXHAUST FAN	PRESSUR FAN 300 CM x 8 MM x 0.75 KW (3° 4' 400V)	1	TRANSMITTER ROOM
F - 8	NO.8 EXHAUST FAN	MULTIBLADE FAN NO. 155 x 900 CM x 20 MM EXT. SP. x 0.4 KW (3° 4' 400V)	1	CONSOLE ROOM HUNG FROM SLAB ABOVE W/VIBRATION PROTECTION
F - 9	NO.9 EXHAUST FAN	VENTILATING FAN 285 CM x 5 MM x 47 W (1° 2' 250V) W/GRILLE AND VENTCAP	1	TOILET
F - 10	NO.10 EXHAUST FAN	VENTILATING FAN 500 CM x 5 MM x 115 W (1° 2' 250V) W/GRILLE AND VENTCAP	1	KITCHEN
F - 11	NO.11 EXHAUST FAN	VENTILATING FAN 700 CM x 5 MM x 23 W (1° 2' 250V) W/GRILLE AND VENTCAP	1	BATH ROOM

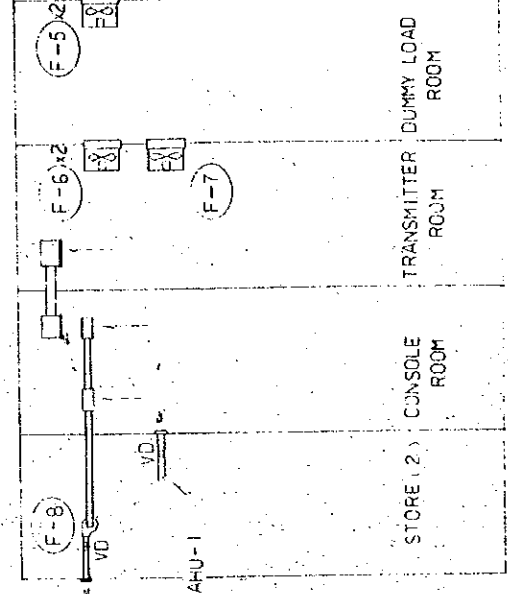
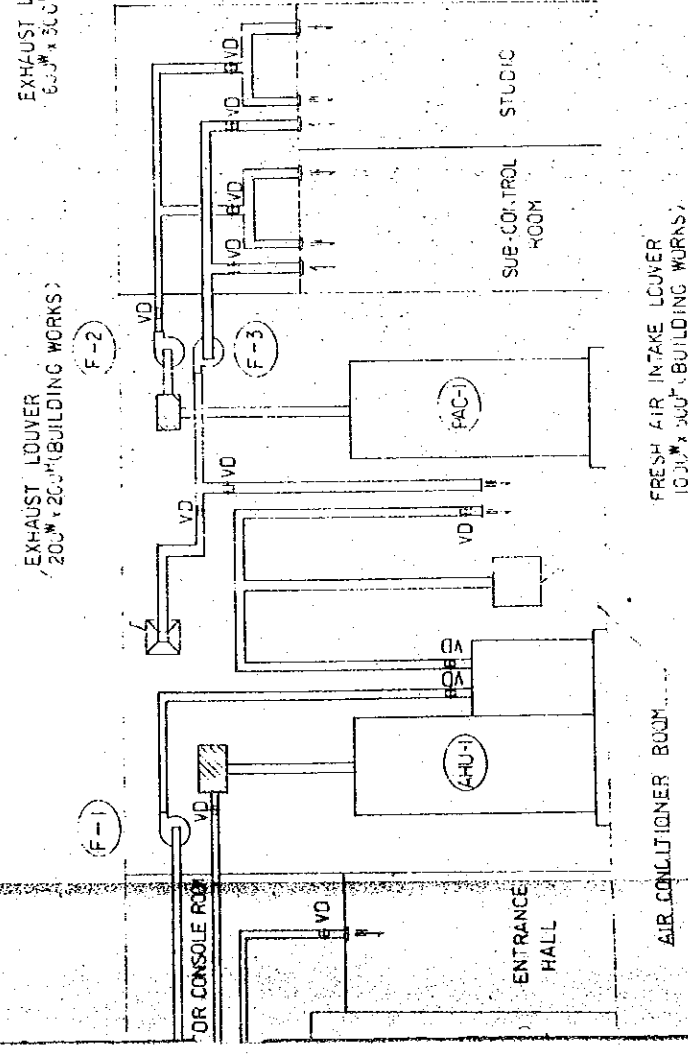


DIAGRAM OF DUCT SYSTEM

THE ESTABLISHMENT PROGRAMME
 OF
 MEDIUM WAVE BROADCASTING NETWORK
 IN
 THE KINGDOM OF NEPAL

POKHARA TRANSMITTING STATION

TITLE OF DRAWING

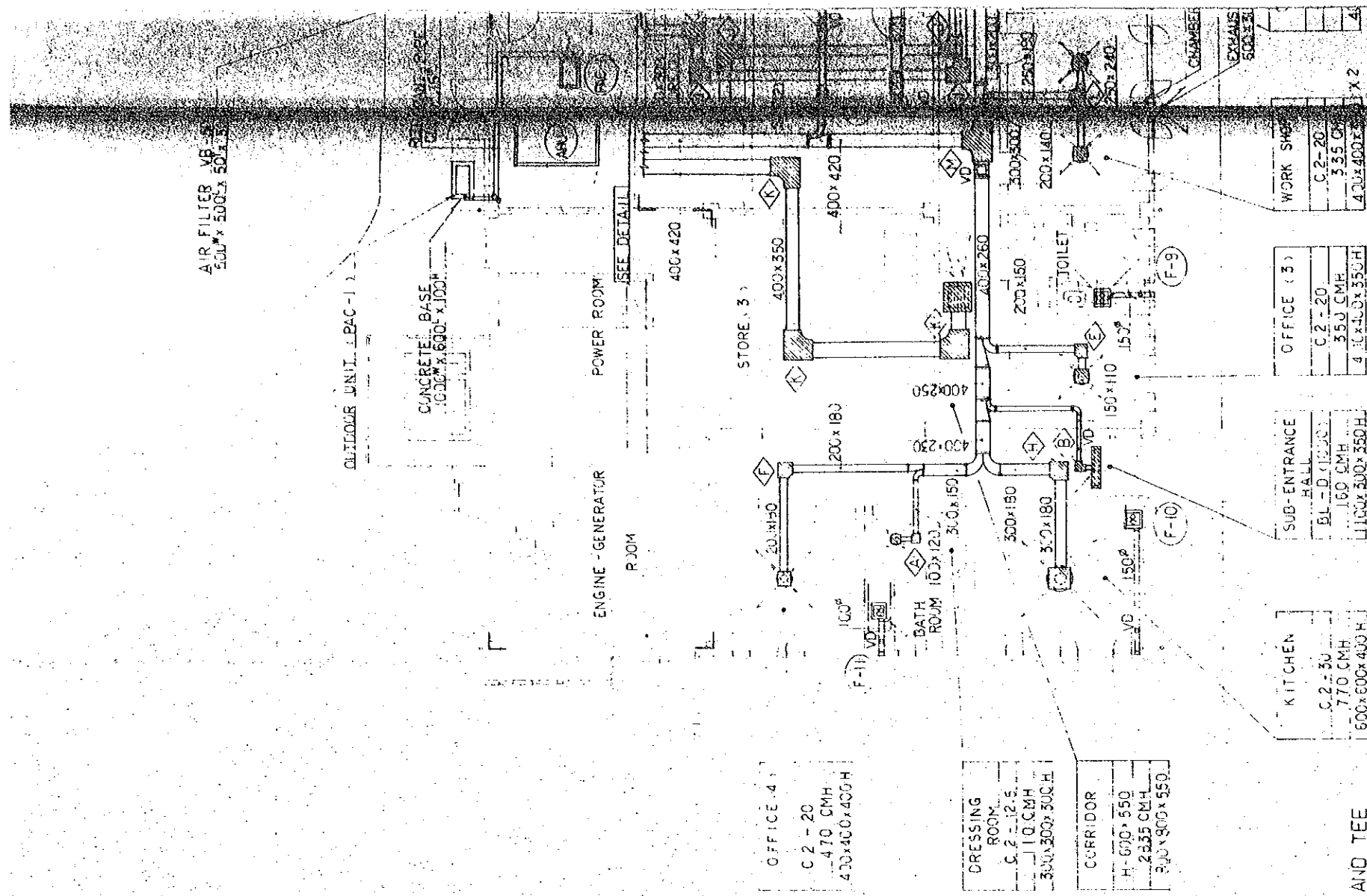
LIST OF MACHINES & DIAGRAM
 OF DUCT SYSTEM

DRAWING NO. H-302

SCALE

UNIT

DATE JAN' 1981



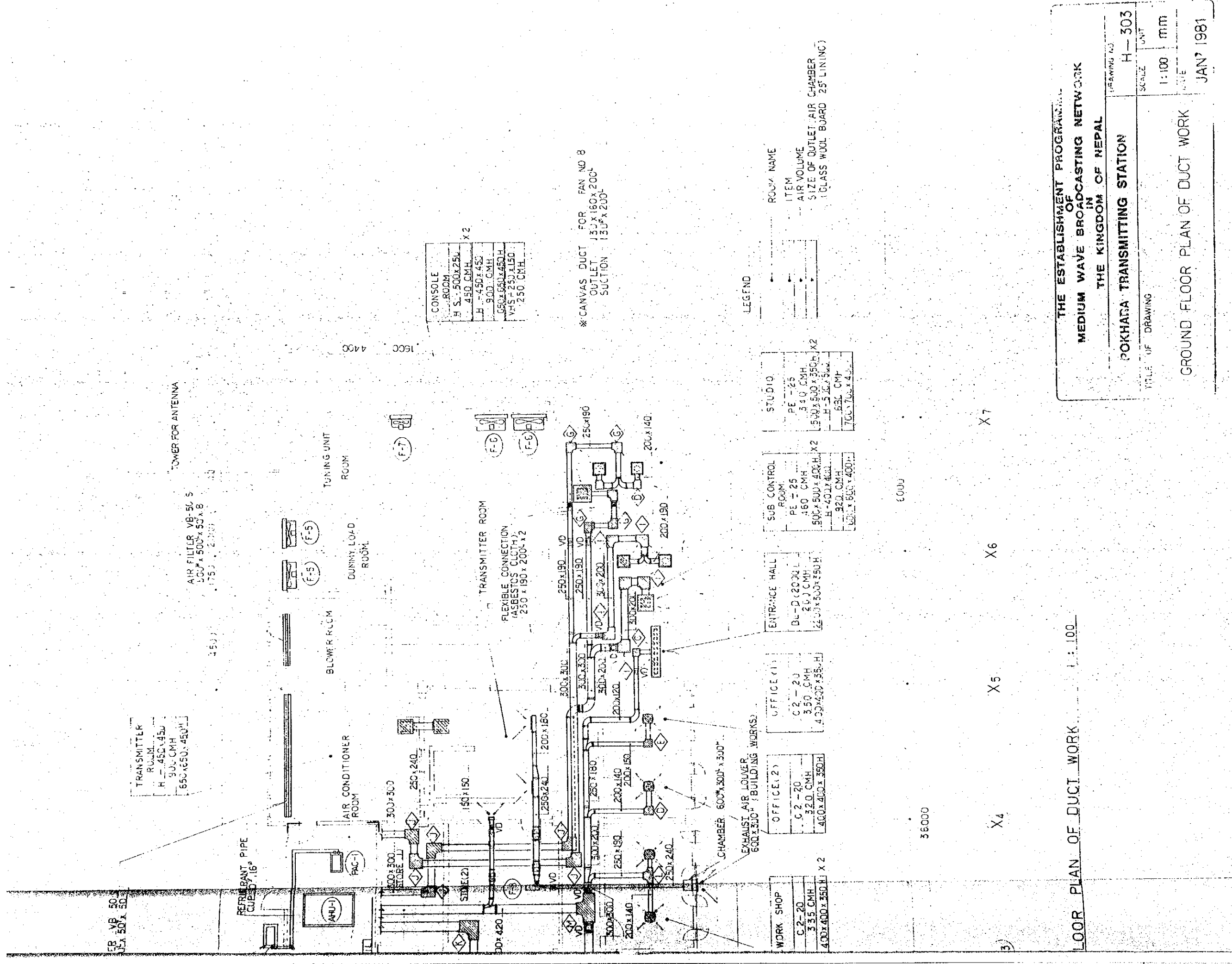
LIST OF SOUND ABSORBING ELBOW AND TEE

N.O	SIZE	TOTAL
1	230 x 230	1
2	270 x 270	1
3	350 x 350	1
4	360 x 360	3
5	370 x 370	2
6	400 x 400	1
7	470 x 470	5
8	520 x 520	1
9	540 x 540	1
10	630 x 630	6
11	800 x 800	3
12	470 x 690	1
13	870 x 1340	1

Y4
Y3
Y2
Y1

X1
X2
X3

GROUND FLOOR PLAN OF



TRANSMITTER ROOM
H = 450 CMH
650x450x450

AIR FILTER VB-50 S
500x500x500
1750

REFRIGERANT PIPE
CLIP 50x16

AIR CONDITIONER ROOM
PAC-1

DINNING LOAD ROOM
F-5

TUNING UNIT ROOM
F-7

TRANSMITTER ROOM
FLEXIBLE CONNECTION
(ASBESTOS CLOTH)
250x190x200x2

CONSOLE ROOM	H = 450 CMH
H = 450x450	450 CMH
900 CMH	650x450x450
VHS = 250x150	250 CMH

*CANVAS DUCT FOR FAN NO 8
OUTLET 150x160x200
SUCTION 150x200

WORK SHOP	C-2-20	3.35 CMH
	400x400x350	X 2

OFFICE (2)	C-2-20	3.20 CMH
	400x400x350	

OFFICE (1)	C-2-20	3.50 CMH
	400x400x350	

ENTRANCE HALL	D-1-D (20x20)	2.0 CMH
	2200x500x250	

SUB CONTROL ROOM	PE-25	1.60 CMH
	500x500x400	X 2
	H = 400x400	
	320 CMH	
	600x500x400	

STUDIO	PE-25	3.40 CMH
	500x500x350	X 2
	H = 500x500	
	630 CMH	
	700x700x400	

LEGEND

ROOM NAME	ITEM
AIR VOLUME	SIZE OF OUTLET (AIR CHAMBER)
	(GLASS WOOL BOARD 25' LINING)

GROUND FLOOR PLAN OF DUCT WORK 1:100

THE ESTABLISHMENT PROGRAM
OF
MEDIUM WAVE BROADCASTING NETWORK
IN
THE KINGDOM OF NEPAL

POKHARA TRANSMITTING STATION

SCALE 1:100 UNIT mm

DRAWING NO. H-303

TITLE OF DRAWING GROUND FLOOR PLAN OF DUCT WORK

JAN 1981

X2

X1

6000

EXHAUST LOUVER
200" x 200" (BUILDING WORKS)

EXHAUST LOUVER
CHAMBER 1000" x 500" x 500"

Y4

AIR FILTER VB-50 S
500" x 500" x 50" x 20"

ENGINE GENERATOR ROOM

INLET H-750 x 250 x 5
1080 CMH x 3

POWER ROOM

6000

400 x 500

250 x 300

Y3

400 x 400

VD 400 x 450

F-4

DETAIL OF DUCT WORK IN AIR CONDITIONER ROOM & POWER ROOM

* AIR DUCTS IN THE AIR CONDITIONER ROOM SHALL BE SOUND PROOF DUCTS

EXHAUST LOUVER
(BUILDING WORKS)

4000

AIR FILTER VB-50 S
500" x 500" x 50" x 20"

ENGINE GENERATOR ROOM

POWER ROOM

400 x 500

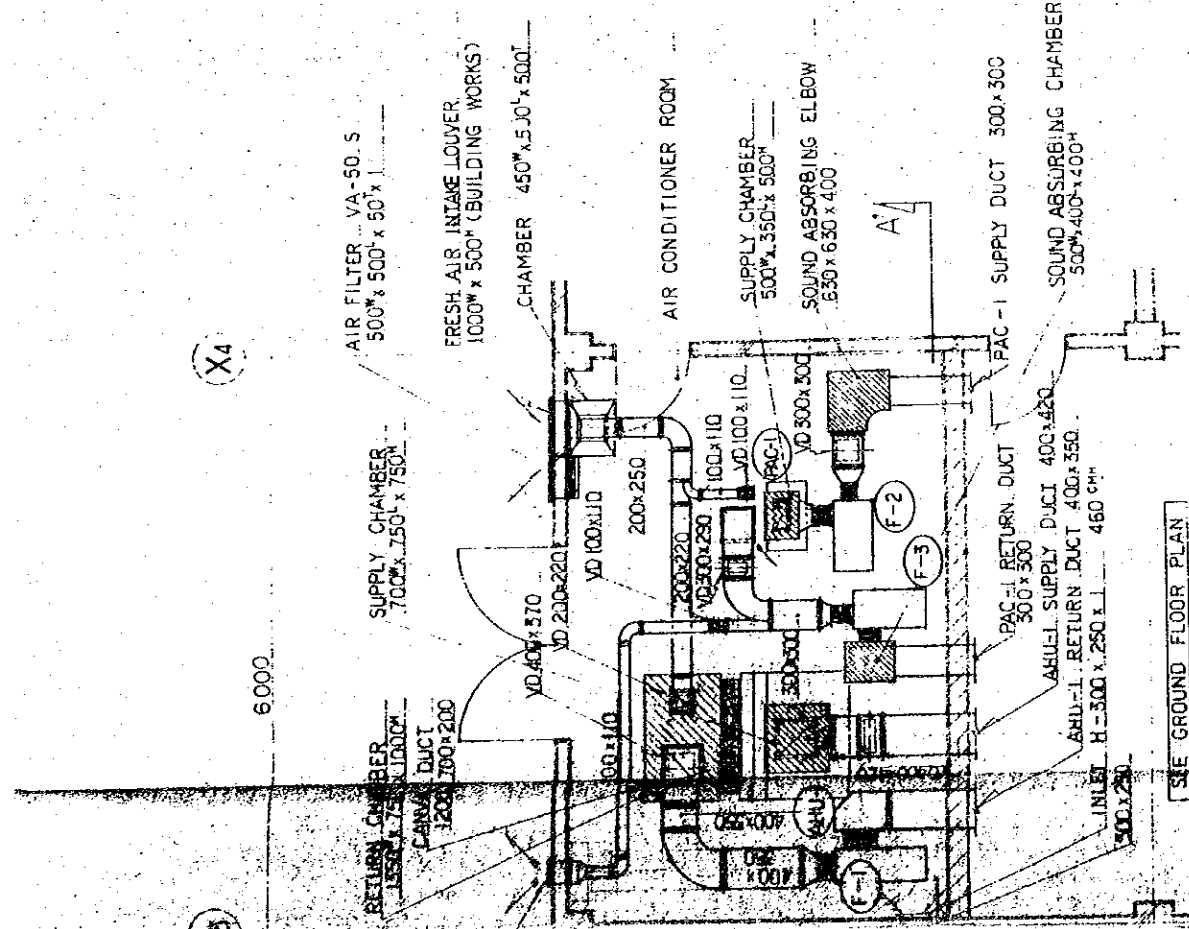
300 x 230

400 x 400

CANVAS DUCT
350 x 365 x 20"

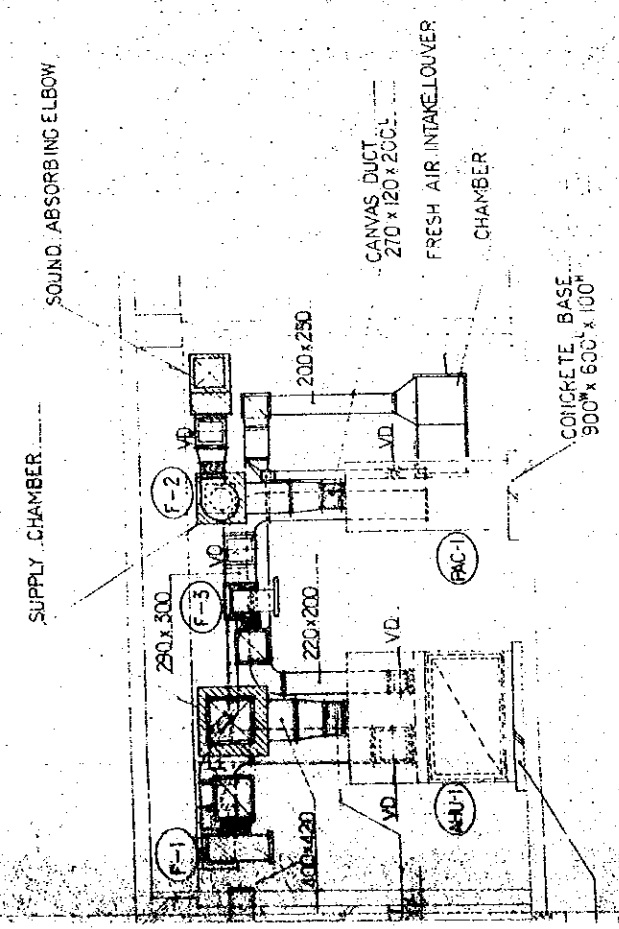
CONCRETE BASE
1550" x 2200" x 100"

A-A' SECTION DETAIL 1:50

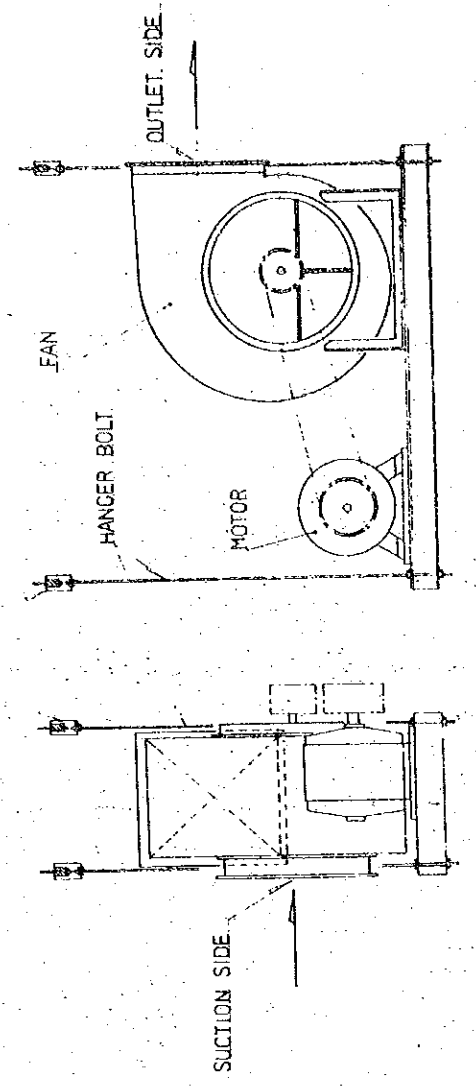


LIST OF CANVAS DUCT (FAN)

F - 1	OUTLET	250 x 280 x 200 ^L
	SUCTION	320 x 200 ^L
F - 2	OUTLET	250 x 280 x 200 ^L
	SUCTION	320 x 200 ^L
F - 3	OUTLET	250 x 280 x 200 ^L
	SUCTION	320 x 200 ^L
F - 4	OUTLET	250 x 280 x 200 ^L
	SUCTION	320 x 200 ^L



VIBRATION PROTECTION -



DETAIL OF FAN
(HUNG FROM SLAB ABOVE)

THE ESTABLISHMENT PROGRAMME
OF
MEDIUM WAVE BROADCASTING NETWORK
IN
THE KINGDOM OF NEPAL

POKHARA TRANSMITTING STATION

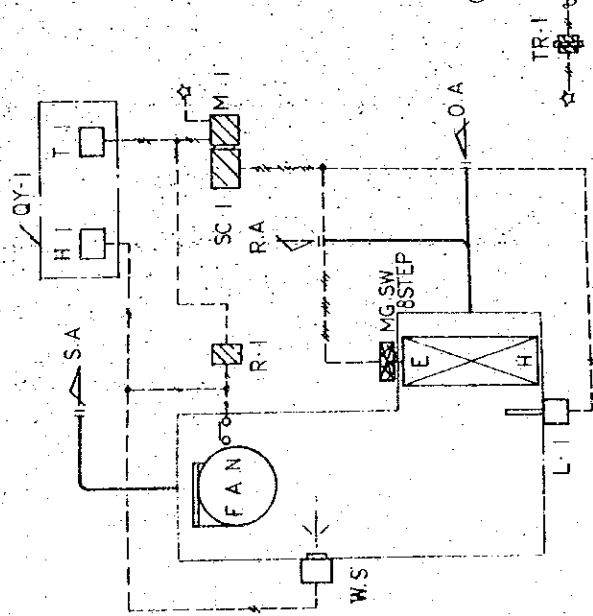
TITLE OF DRAWING
DETAIL OF DUCT WORK IN AIR
CONDITIONER ROOM, POWER ROOM & FAN

DRAWING NO.
H - 304

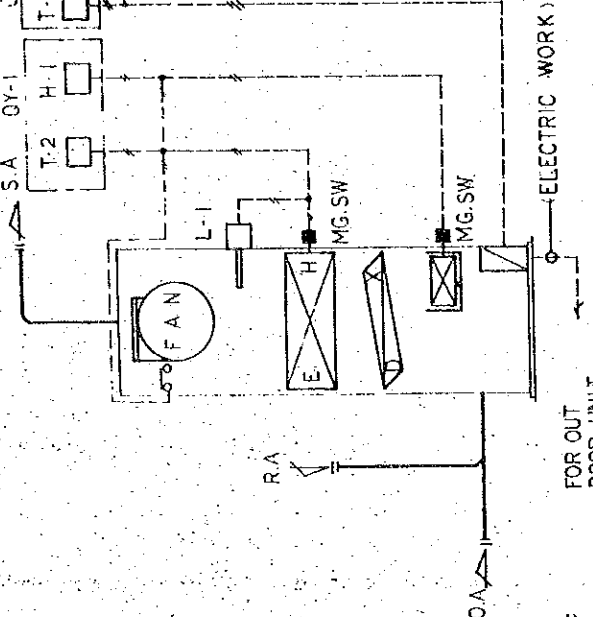
SCALE
1 : 50

UNIT
M.M.

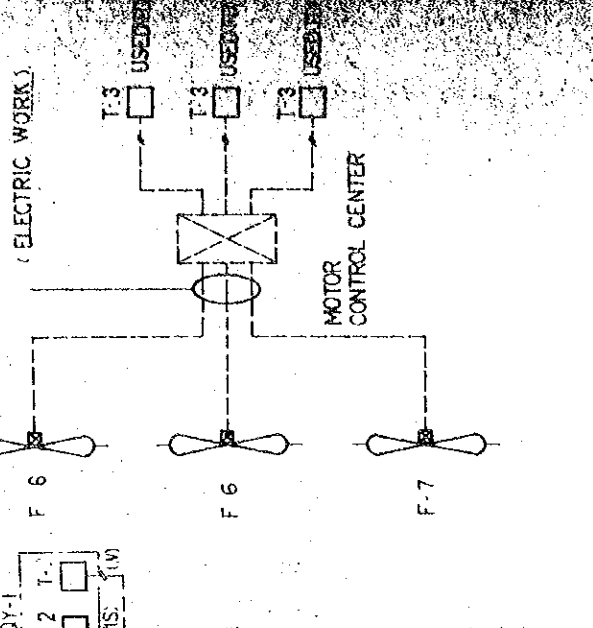
DATE
JAN 1981



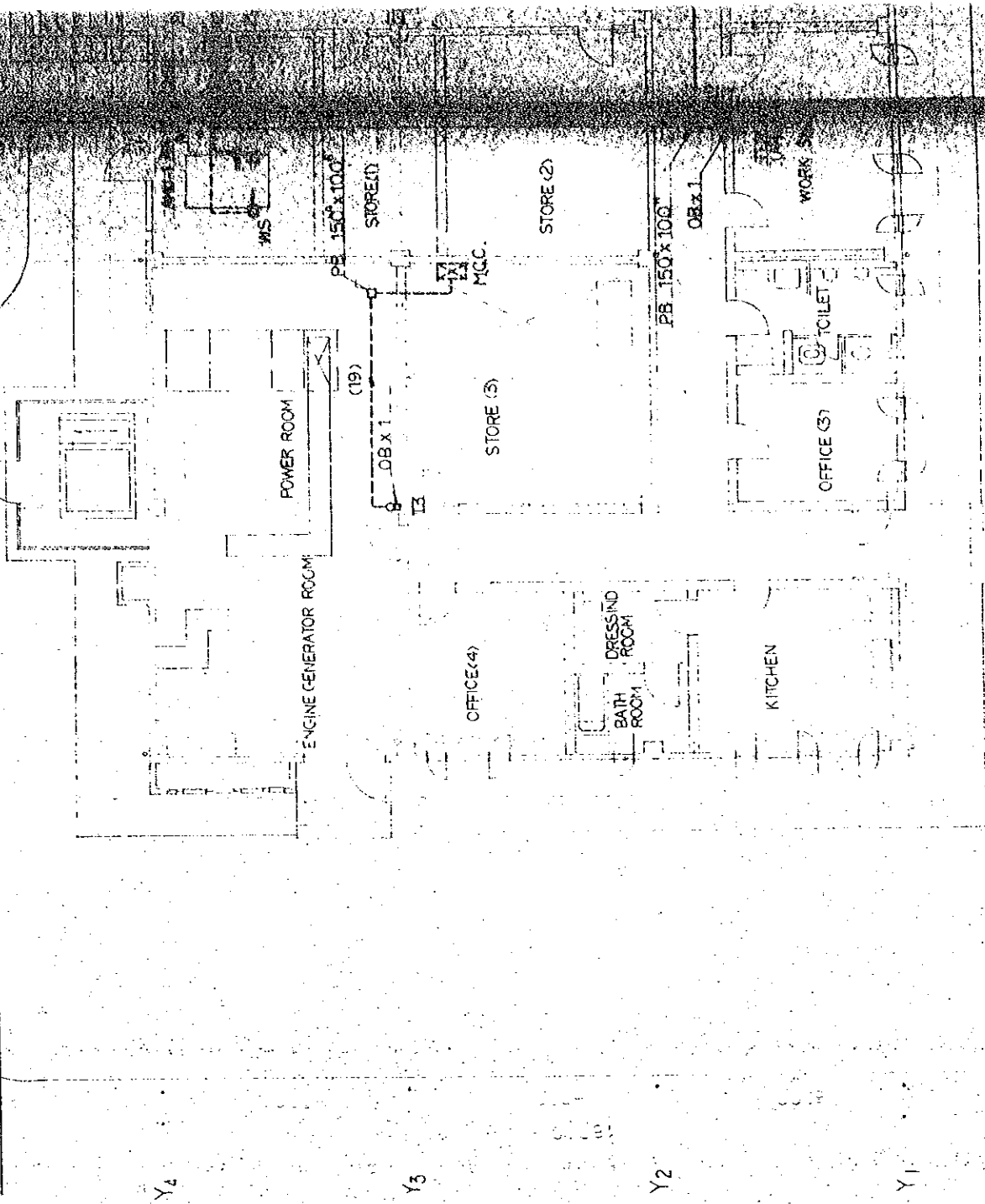
AHU-1 AIR HANDLING UNIT | SET



PAC-1 HEAT PUMP PACKAGED AIR CONDITIONER | SET



TRANSMITTER ROOM TEMPERATURE CONTROL | SET



GROUND FLOOR PLAN DE AJTI

X1

X2

X3

X4

Y4

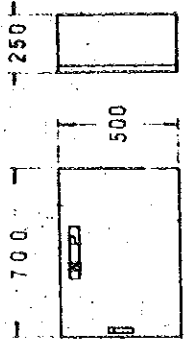
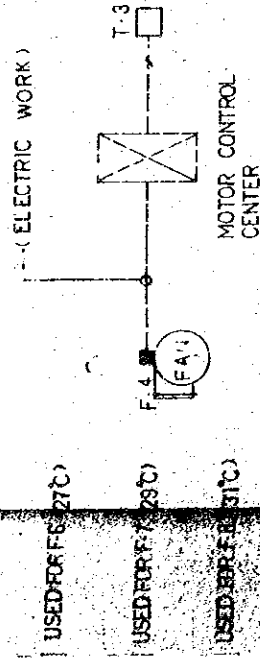
Y3

Y2

Y1

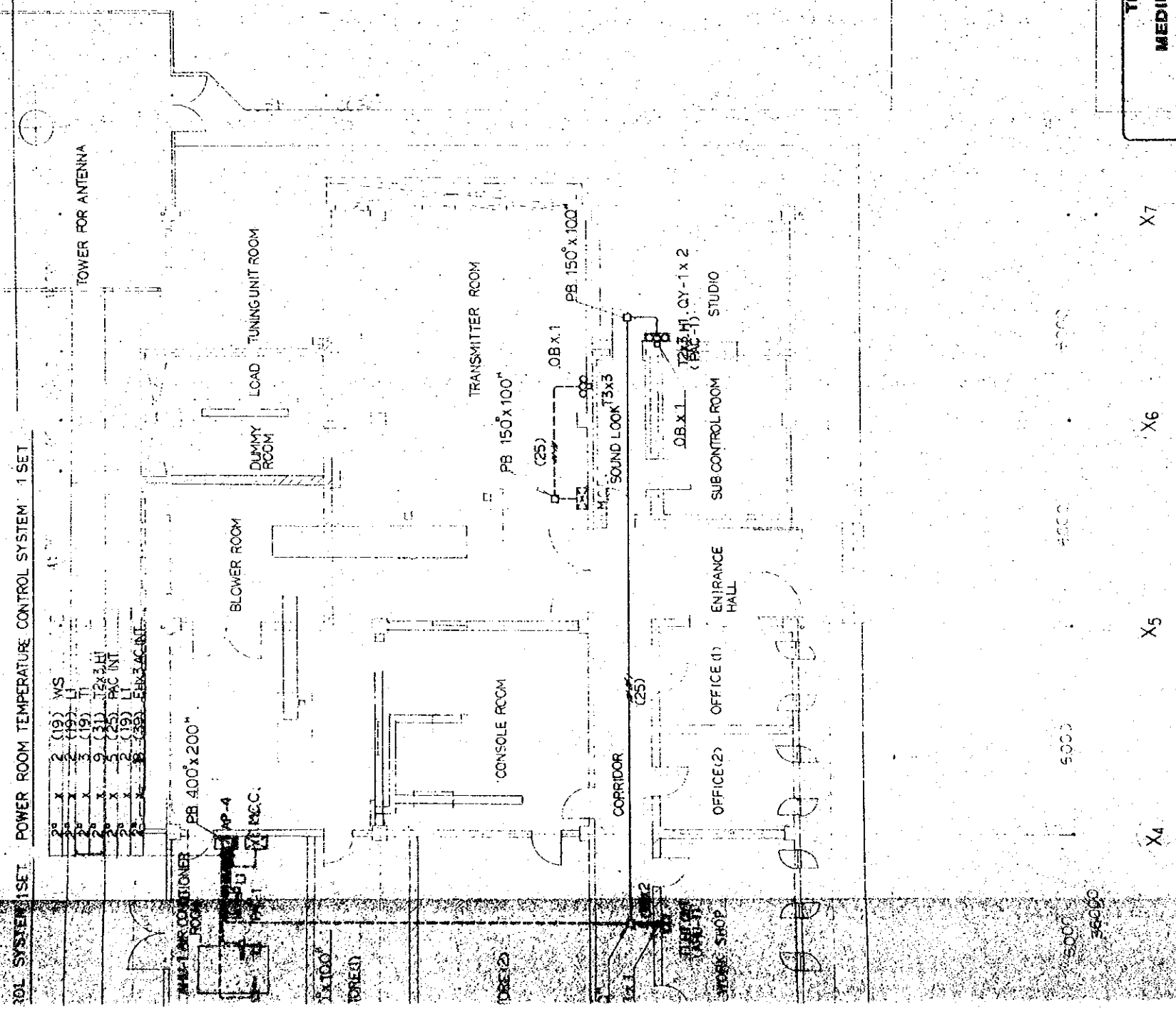
TABLE OF CONTENTS

MARK	NAME	TYPE NO	NOTE
T-1	ROOM TYPE THERMOSTAT	T 9065A	
T-2	DITTO	T 6065A	
T-3	DITTO	T 631A	
H	HUMIDISTAT	H615A	
QY	THERMOSTAT MOUNTING PLATE	QY20A	
L	LIMIT CONTROLLER	L4029 E	
R	RELAY	S435A	
SC	STEP CONTROLLER	M904E	
M	MODUTROL MOTOR	A172JL	
TR	TRANSFORMERS		



A P - 4 | SET
AUTOMATIC CONTROL PANEL

- NOTE
- AC 100V OR 200V
 - 1/2" CABLE
 - AUTOMATIC CONTROL PANEL MOUNTED EQUIPMENTS
 - ⊗ MOTOR CONTROL CENTER MOUNTED EQUIPMENTS



FLOOR PLAN OF AUTOMATIC CONTROL SYSTEM 1:100

THE ESTABLISHMENT PROGRAMME
OF
MEDIUM WAVE BROADCASTING NETWORK
IN
THE KINGDOM OF NEPAL

POKHARA TRANSMITTING STATION

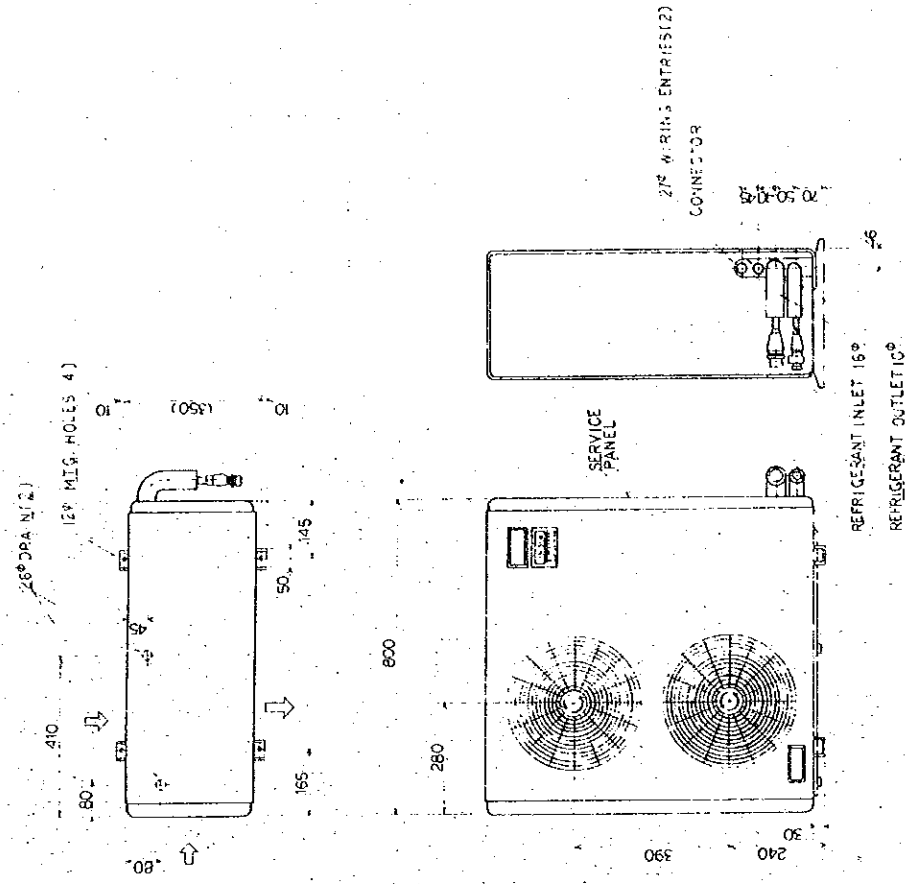
TITLE OF DRAWING
DETAIL OF AUTOMATIC CONTROL &
GROUND FLOOR PLAN OF AUTOMATIC
CONTROL SYSTEM

DRAWING NO. H-305

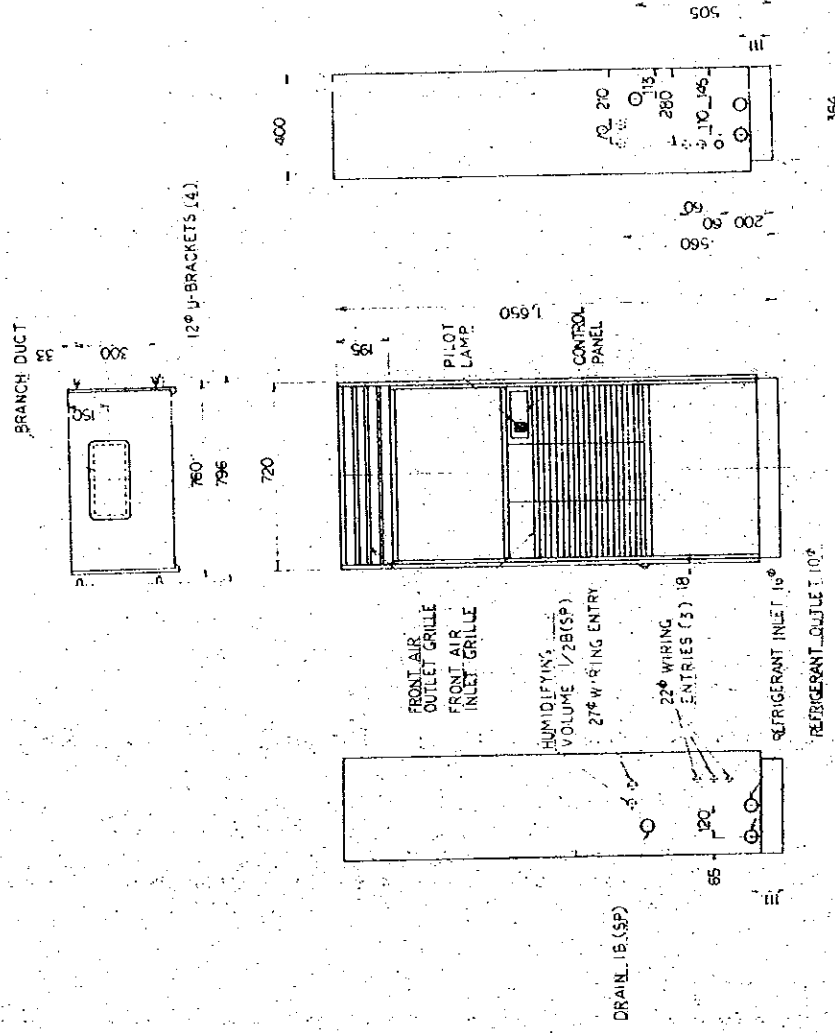
SCALE 1:100

UNIT mm

DATE JAN' 1981

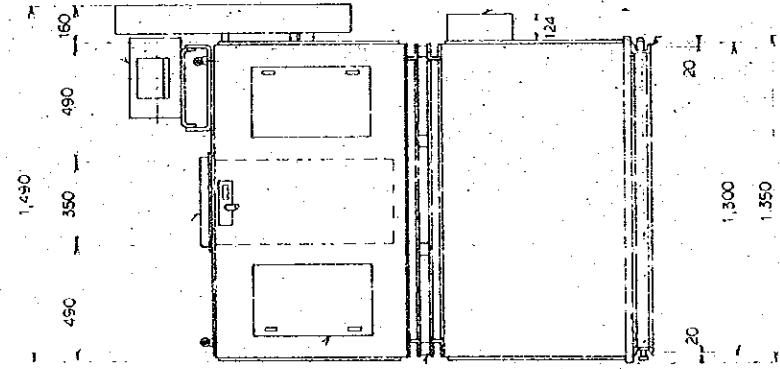


PACKAGED AIR CONDITIONER (OUTDOOR UNIT)

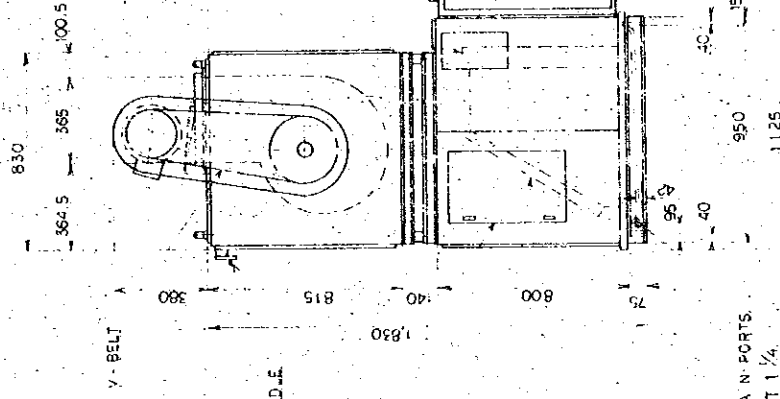


PACKAGED AIR CONDITIONER (INDOOR UNIT)

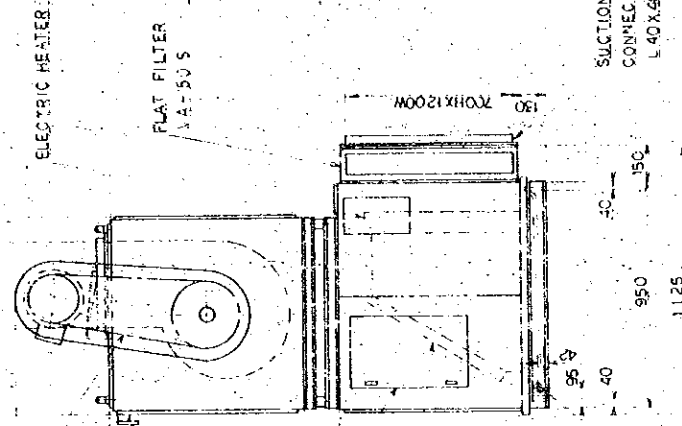
SUPPLY AIR DUCT
CONNECTING FLANGE
L 40X40X3



MOTOR



830
364.5
365
100.5



ACCESS DOOR
300W X 500H

VIBRATION ISOLAT
-OR (RUBBER)

AIR HANDLING UNIT

THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL		DRAWING NO.
POKHARA TRANSMITTING STATION		H - 308
TITLE OF DRAWING	SCALE	UNIT
DETAIL OF AIR HANDLING UNIT & PACKAGED AIR CONDITIONER	—	mm
	DATE	
	JAN 1981	

TYPE	DETAIL	W X H (MM)	NUMBER	ROOM TO BE INSTALLED	TYP
C-2-12.5			1	DRESSING ROOM	BL
C-2-20			1 1 1 1 2	OFFICE (1) , (2) , (3) , (4) WORK SHOP	H
C-2-30			1	KITCHEN	S
PE-25			2 2	STUDIO SUB-CONTROL ROOM	S

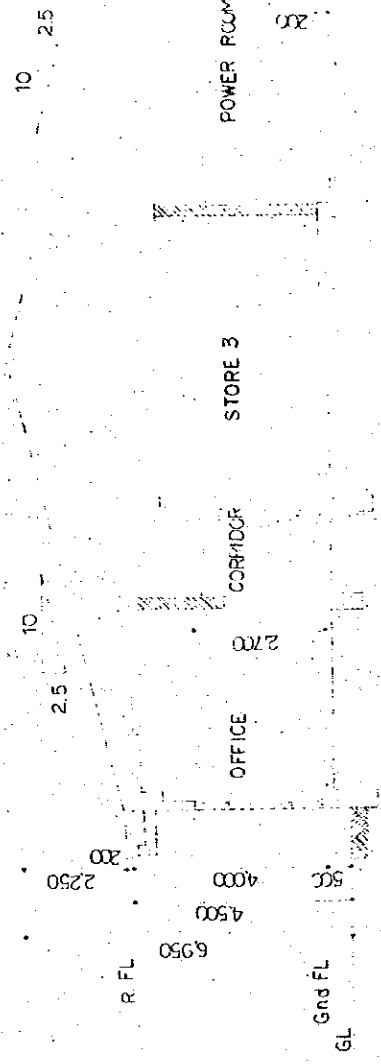
INSTALLATION TYPE	DETAIL	W x H (MM) (LENGTH)	NUMBER	ROOM TO BE INSTALLED
BL - D		L = 2,000 L = 1,000	1 1	ENTRANCE HALL SUB-ENTRANCE HALL
V H S		250 x 150	1	CONSOLE ROOM
H		600 x 550 500 x 500 400 x 400 450 x 450 750 x 250 300 x 250	1 1 1 1 3 1	CORRIDOR STUDIO SUB-CONTROL ROOM CONSOLE ROOM TRANSMITTER ROOM ENGINE GENERATOR ROOM & POWER ROOM AIR CONDITIONER ROOM
H S		500 x 250	2	CONSOLE ROOM

**THE ESTABLISHMENT PROGRAMME
OF
MEDIUM WAVE BROADCASTING NETWORK
IN
THE KINGDOM OF NEPAL**

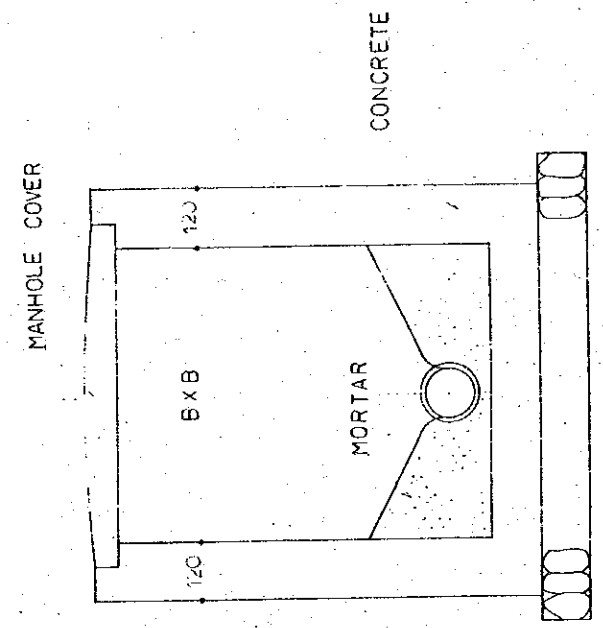
POKHARA TRANSMITTING STATION

DRAWING NO. H-309
SCALE — UNIT MET
DATE JAN' 1981

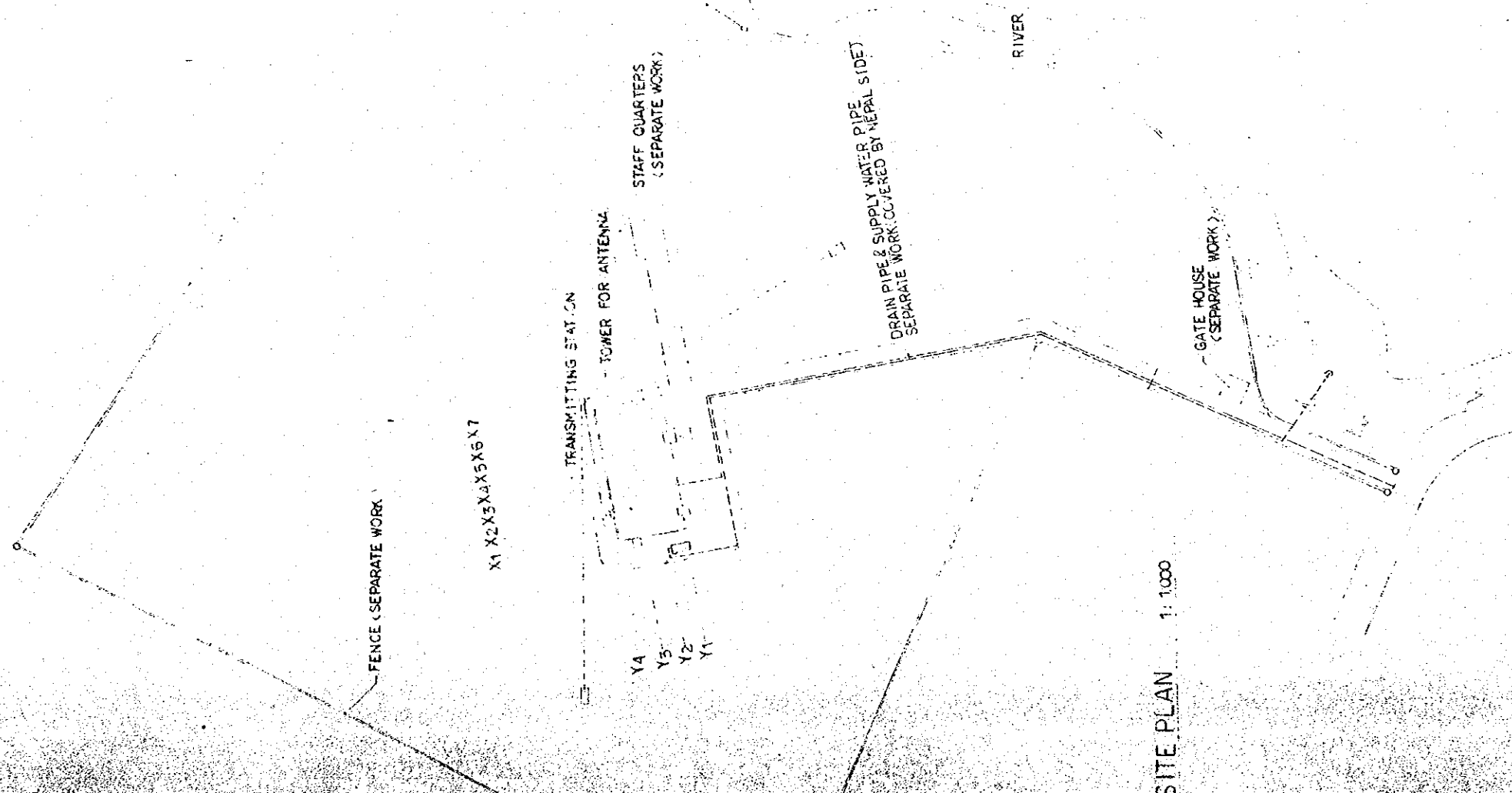
TITLE OF DRAWING
DETAILS OF OUTLET & INLET



SECTION 1:100



DETAIL OF PIT



THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL		DRAWING NO.	P-301
POKHARA TRANSMITTING STATION		SCALE	1:100 1:1000 METER
TITLE OF DRAWING		DATE	JAN 1981
SITE PLAN, DETAIL OF PIT & BUILDING SECTION			