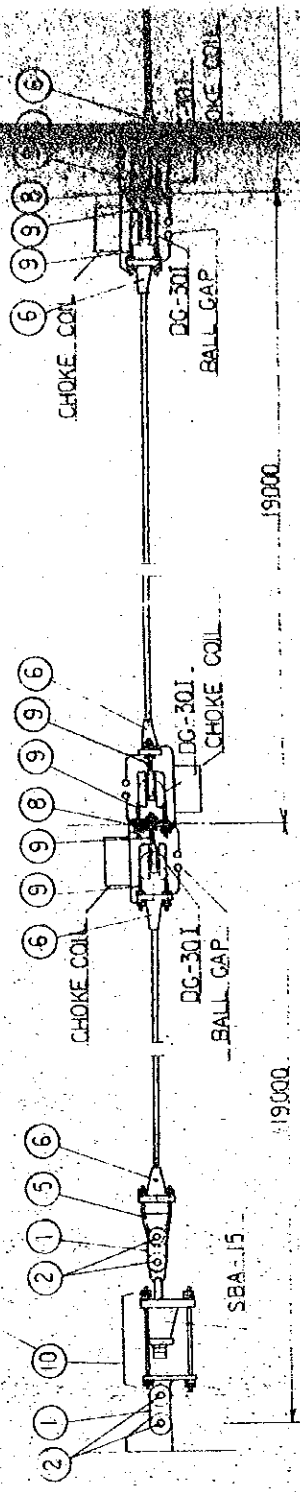
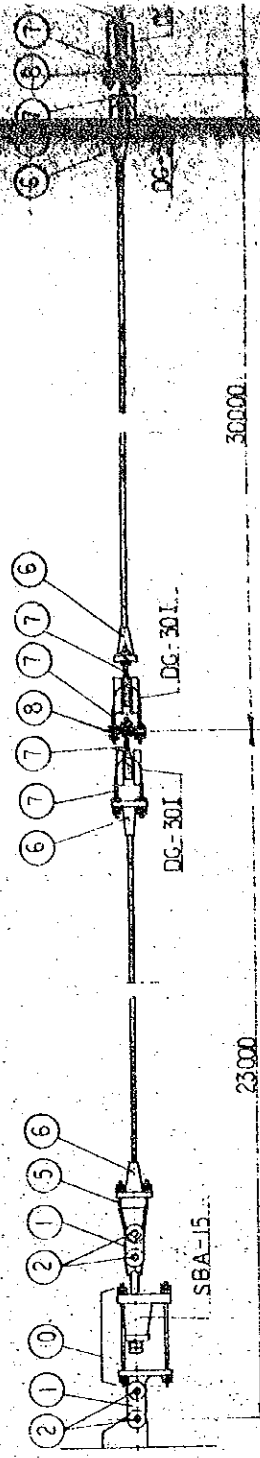


SEE DETAIL DWG. NO. I-208 I-309

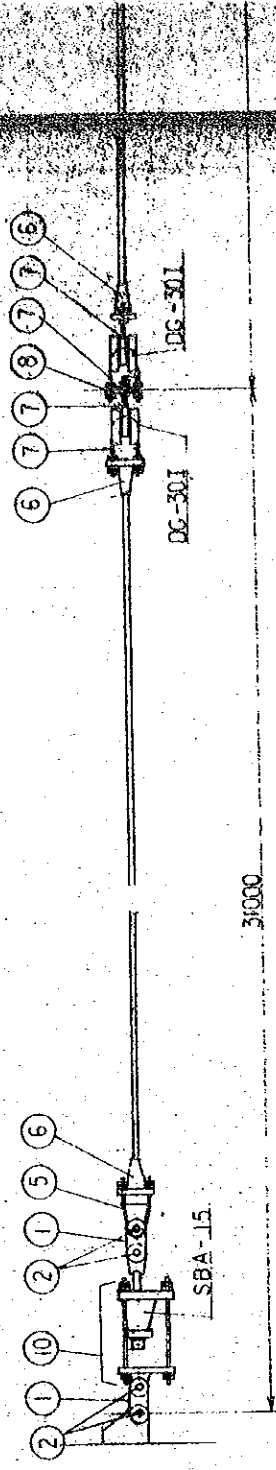
FIFTH GUY WIRE
STRANDED STEEL WIRE 3-20^φ



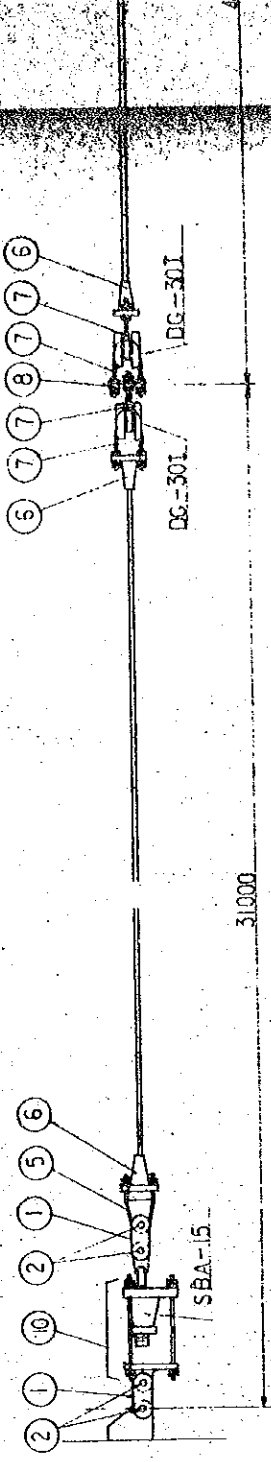
FORTH GUY WIRE
STRANDED STEEL WIRE 3-20^φ



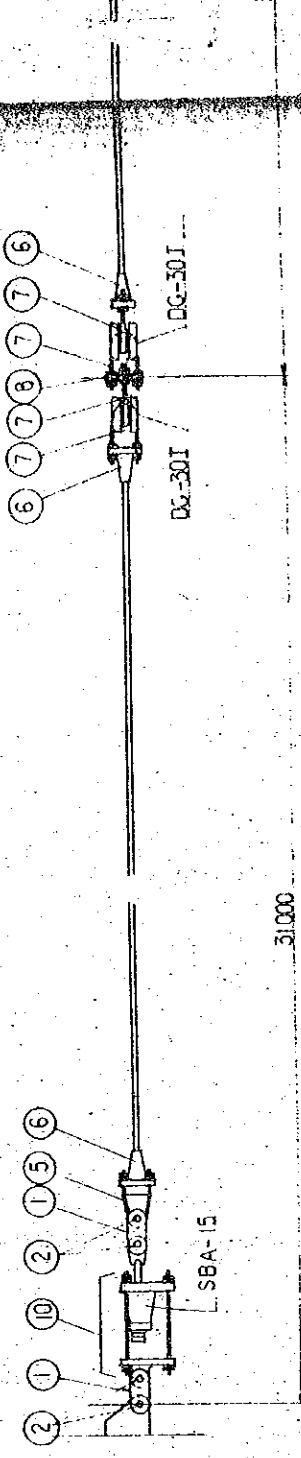
THIRD GUY WIRE
STRANDED STEEL WIRE 3-20^φ



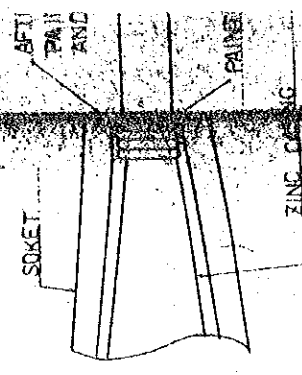
SECOND GUY WIRE
STRANDED STEEL WIRE 3-20^φ

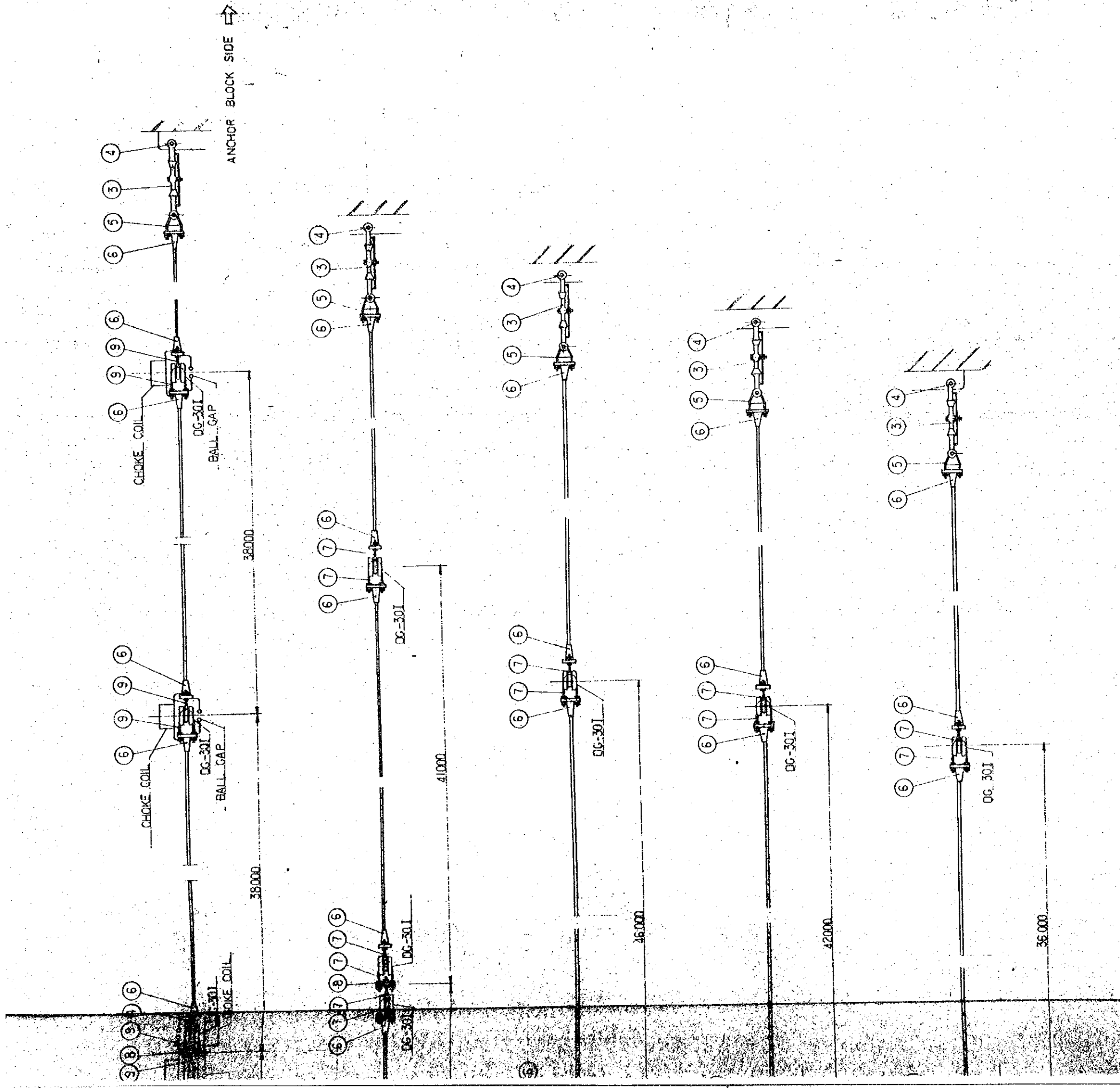


FIST GUY WIRE
STRANDED STEEL WIRE 3-20^φ



DWG NO	NAME	MATERIAL	REMARKS
1	PIN PLATE	SS41	R-16
2	PIN BOLT	SS41B-D	M33 x 110
3	TURN BUCKLE	SF45	
4	PIN BOLT	SS41B-D	M33 x 140
5	FITTING OF GUY WIRE	S25C	M27
6	SOCKET	SC49	
7	U-BOLT	S25C	M27
8	WASHER (FOR U BOLT)	SS41	R-32
9	U-BOLT	S25C	M27
10	FITTING OF GUY WIRE		SEE DETAIL DWG - NO. I-208, I-309
*	INSULATOR		DC-30I





AFTER SOCKETING, TAKE OUT SEIZING (AT SOCKET OPENING),
 PAINT RUBBER CHLORIDE PAINT (3 COATS)
 AND APPLY CAULKING

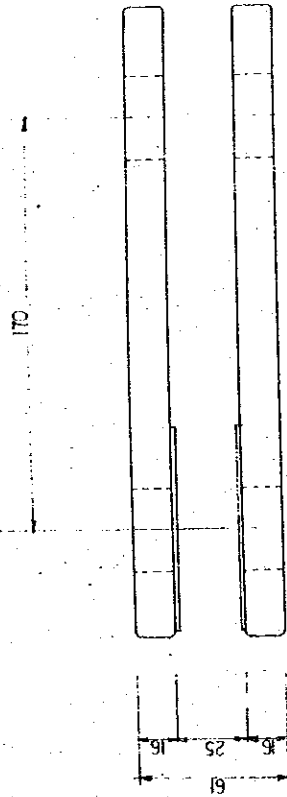
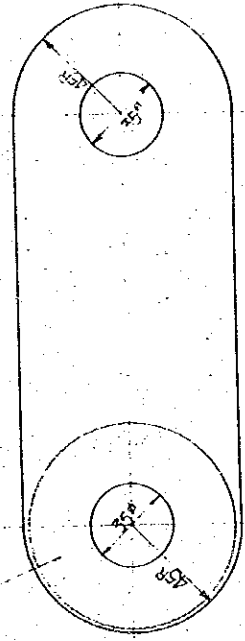
GUY WIRE (STRANDED STEEL WIRE)

PAINTING

ZINC CASING

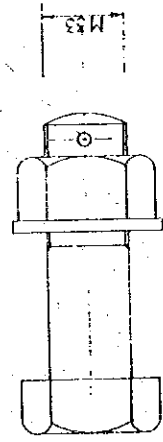
THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK		DRAWING NO.	T-207.T-307
THE KINGDOM OF NEPAL KATHMANDU TRANSMITTING STATION		SCALE	1/50
POMARA TRANSMITTING STATION		UNIT	MM
TITLE OF DRAWING DETAIL OF GUY WIRE		DATE	JAN. 1981

WASHER (1-15 STAINLESS STEEL)



① PIN PLATE S = 1/2

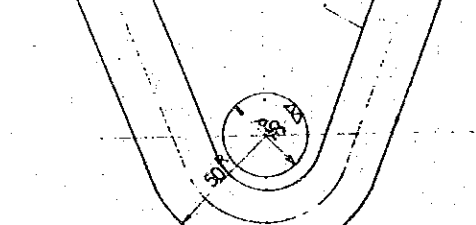
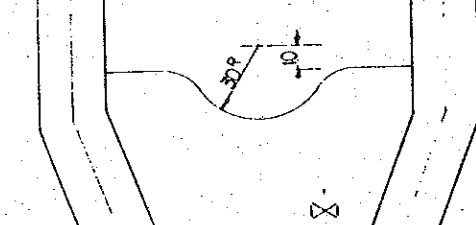
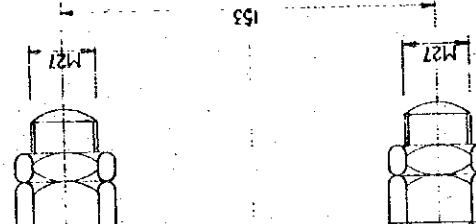
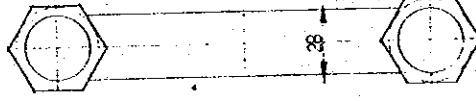
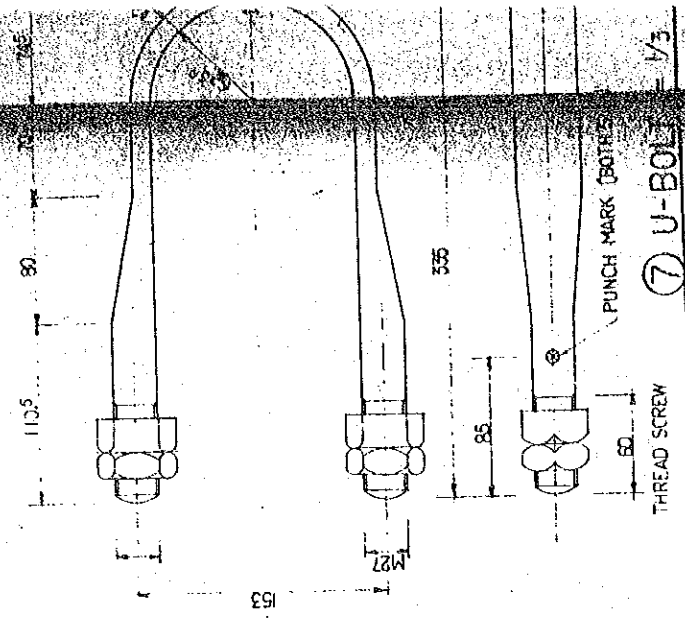
.6"x45 SPLIT PIN (SUS)



55 (THREAD SCREW)

② PIN BOLT S = 1/2

GUY WIRE SIDE



75 (THREAD SCREW)

55

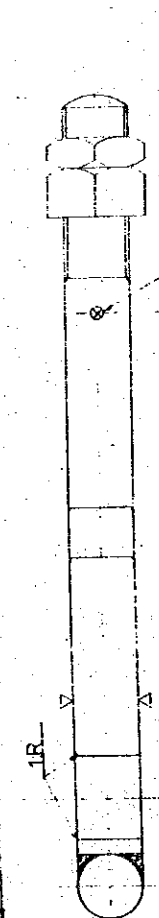
20

100

120

50

340



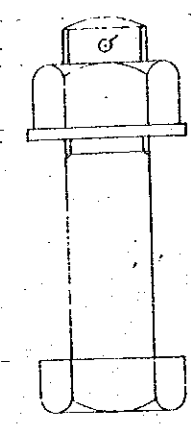
PUNCH MARK (BOTH SIDES)

140

92

5.26

7.10



55 (THREAD SCREW)

④ PIN BOLT S = 1/2

⑤ FITTING OF GUY WIRE S = 1/2

200

50

100

120

50

340

140

92

5.26

7.10

55

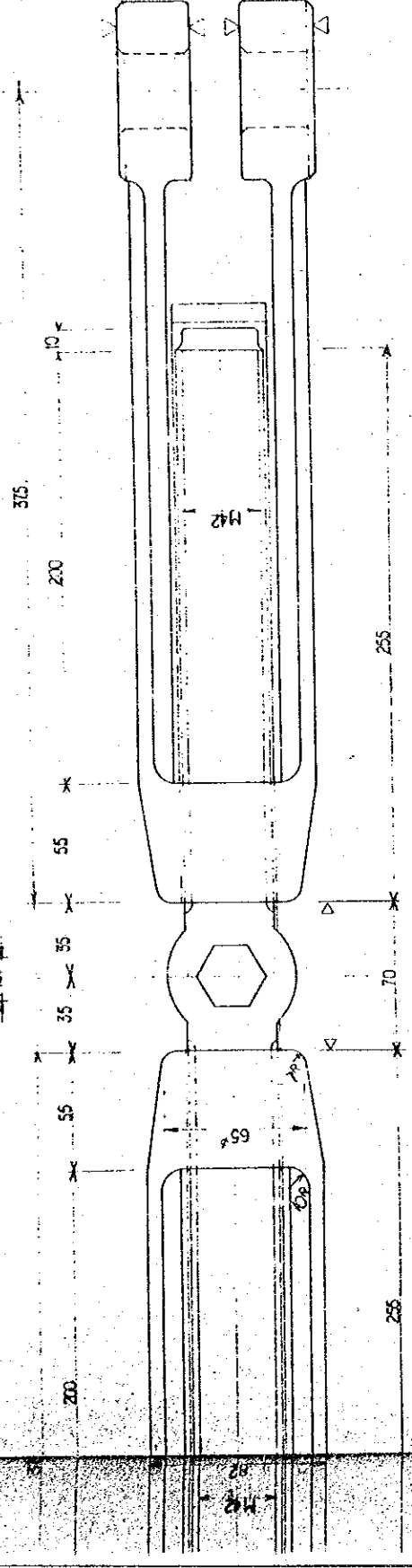
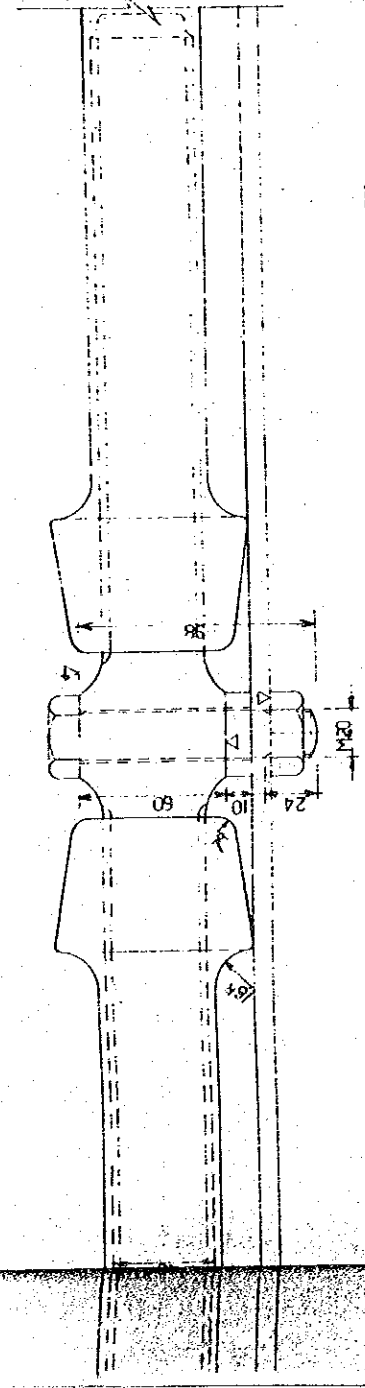
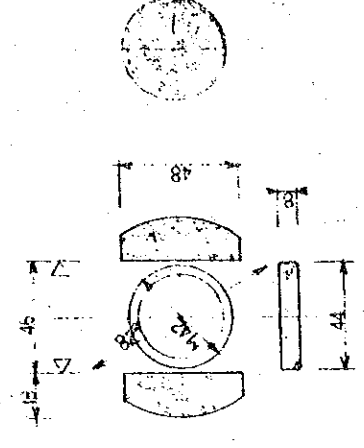
M33

.6"x45 SPLIT PIN

(THREAD SCREW)

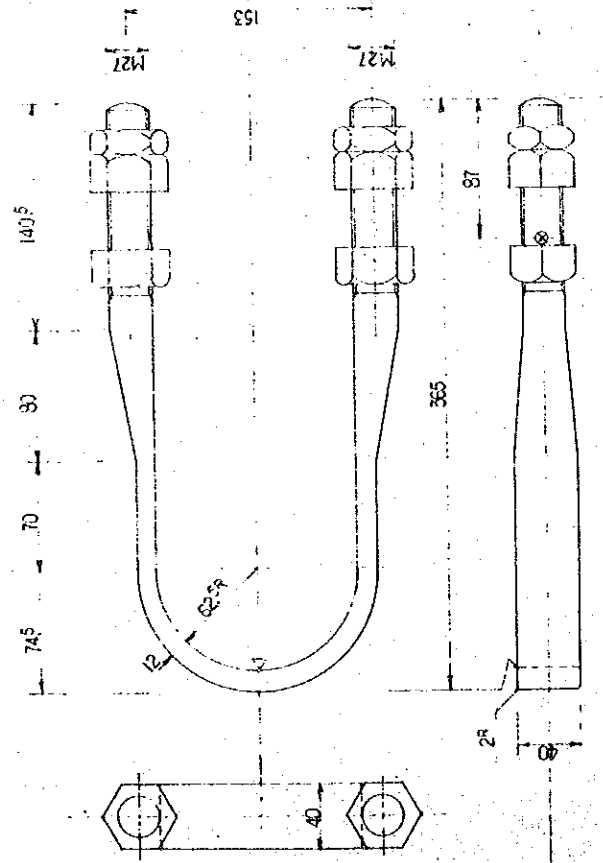
S = 1/2

201 305



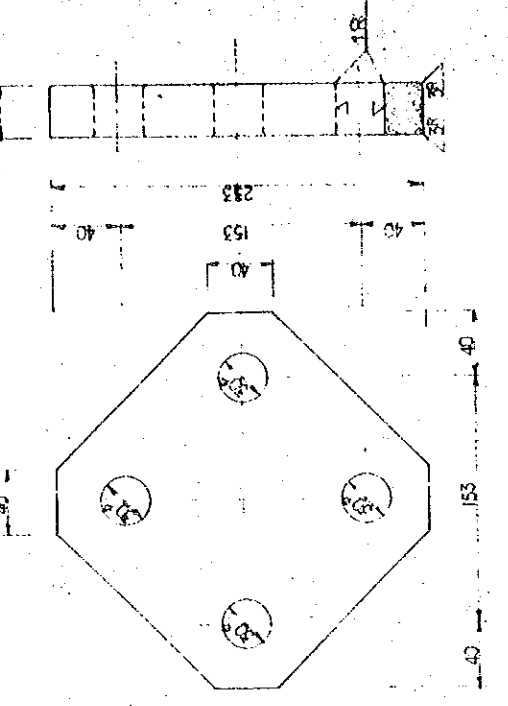
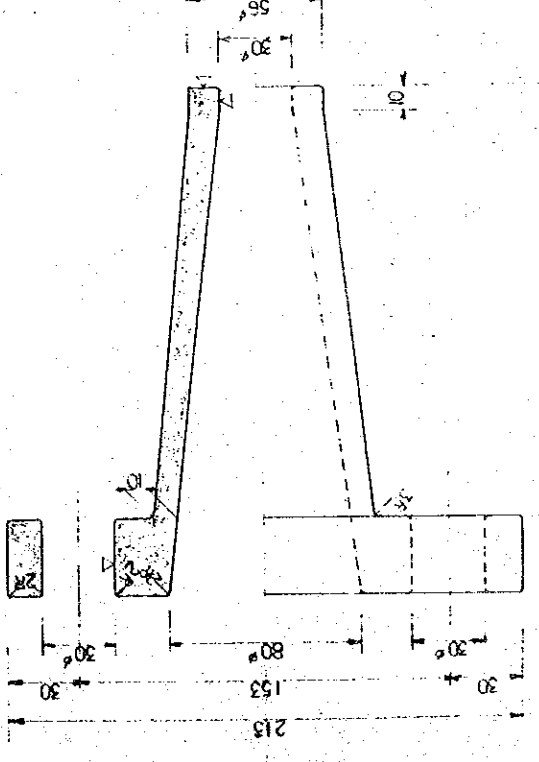
ANCHOR BLOCK SIDE

③ TURNBUCKLE $s = 1/2$

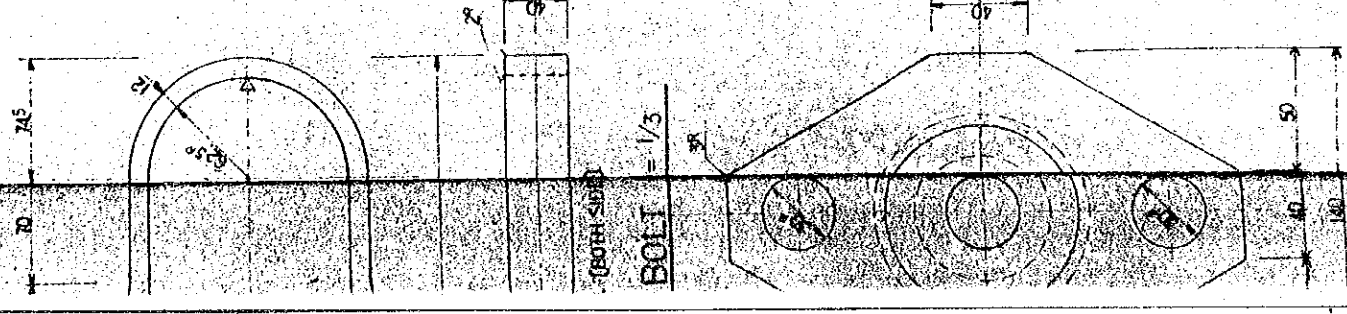


⑨ U-BOLT $s = 1/3$

120
(THREAD SCREW)



⑧ WASHER (FOR U-BOLT) $s = 1/3$



⑦ BOLT $s = 1/3$

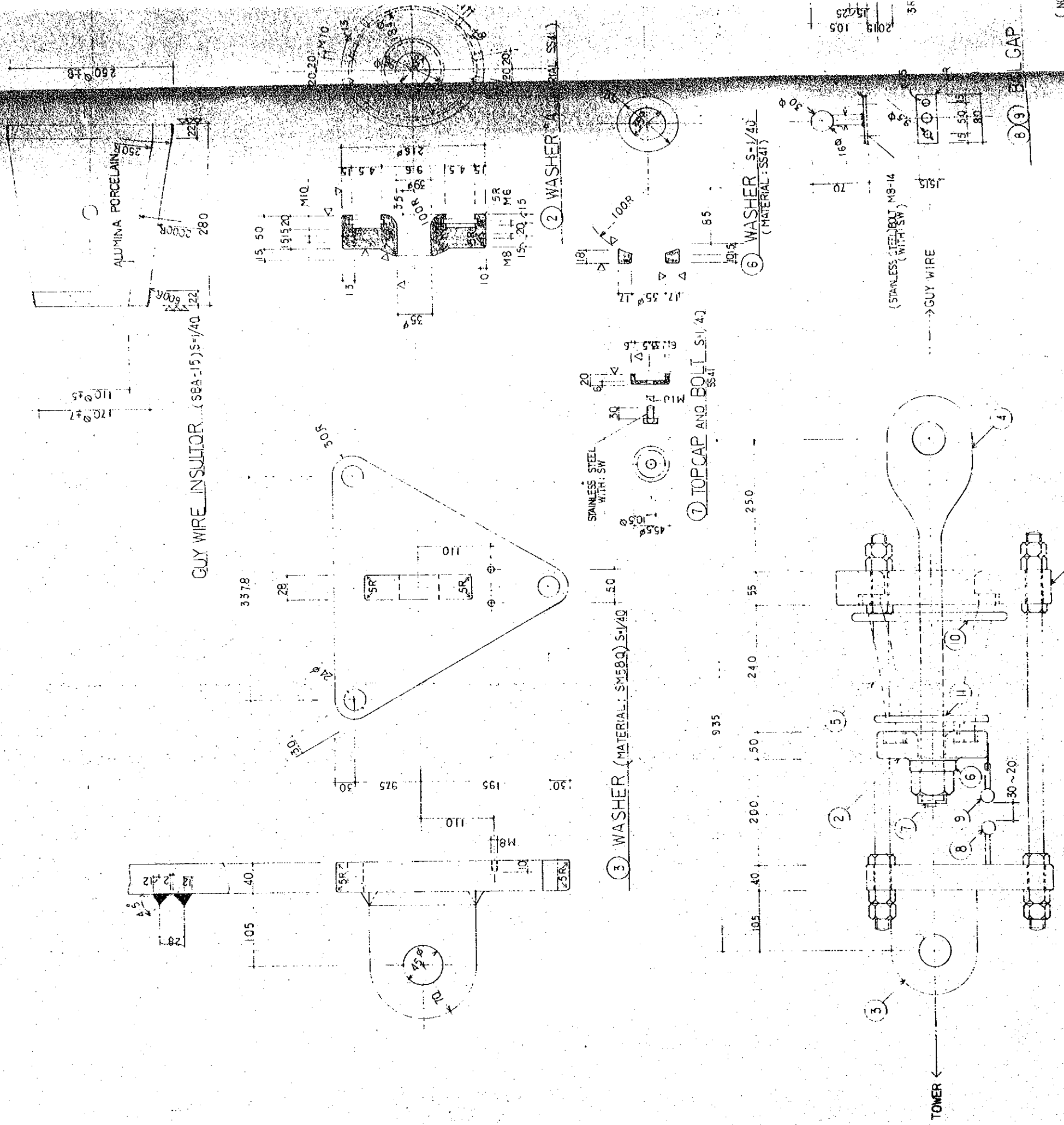
⑥ SOCKET $s = 1/2$

THE ESTABLISHMENT PROGRAMME		DRAWING NO.	
MEDIUM WAVE BROADCASTING NETWORK		T-208.T-308	
THE KINGDOM OF NEPAL		SCALE	UNIT
BROADCASTING STATION		1/2	MM
POKHARA TRANSMITTING STATION		DATE	
TITLE OF DRAWING		JAN. 1981	
DETAIL OF GUY WIRE FITTINGS (1)			

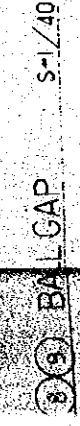
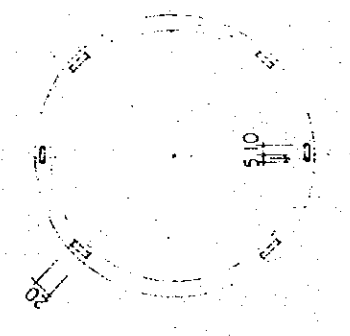
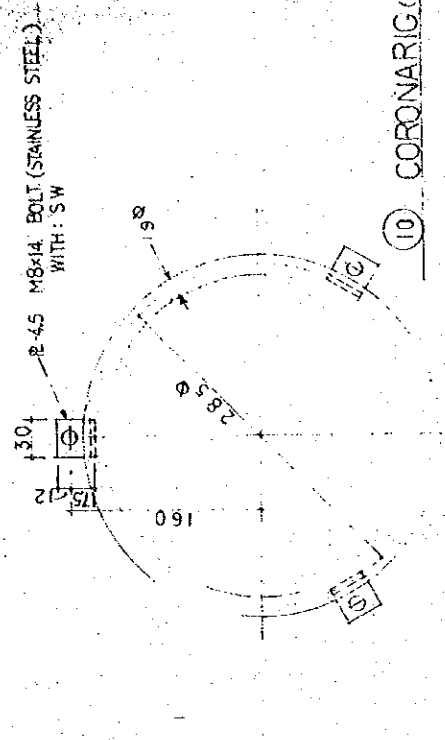
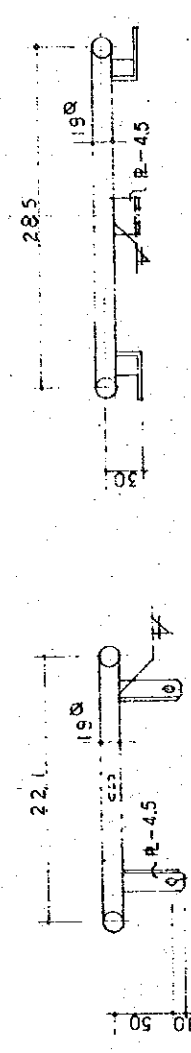
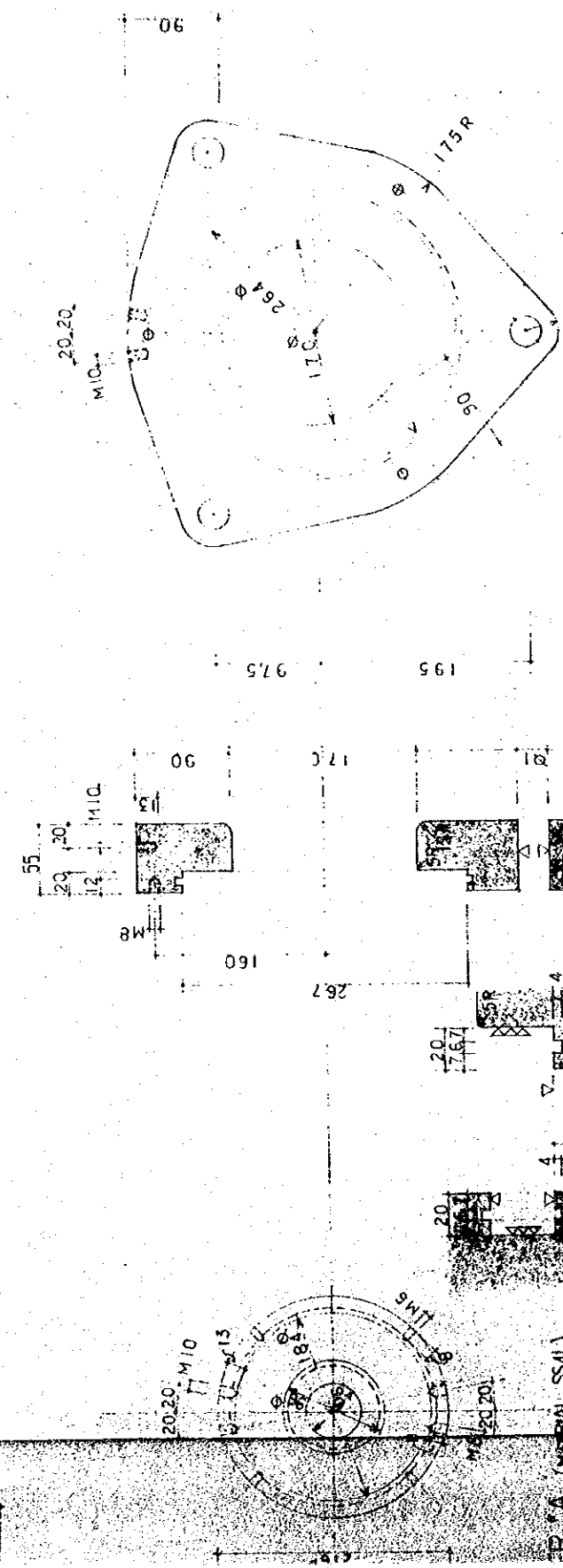
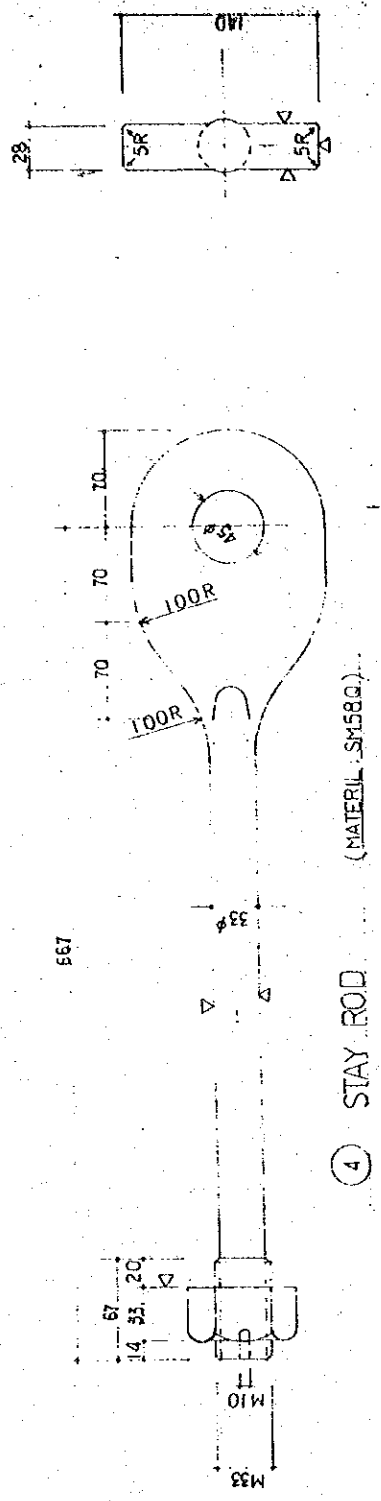
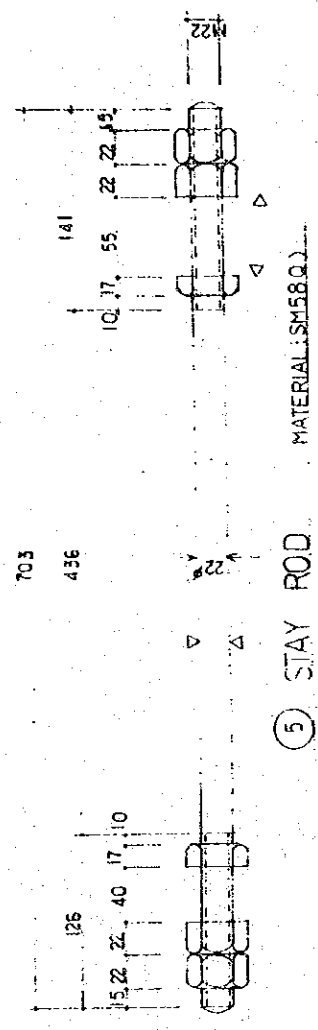
LIT. PIN (5)

NOTES

- 1) BALL GAP SHALL BE CHROMIUM PLATING (UNLESS OTHERWISE SPECIFIED, OTHER FITTINGS SHALL BE GALVANIZED, EXCLUDING STAINLESS PORTION.)
- 2) AFTER PLATING, TAP BOLT SHALL BE THREADED.
- 3) AFTER PLATING, BOTH SIDES OF INSULATOR SHALL BE PROCESSED
- 4) UNLESS OTHERWISE SPECIFIED SHALL BE ROUNDNESS --- 2R

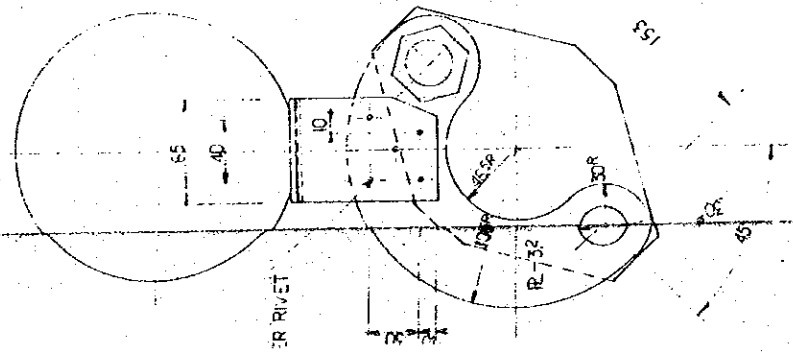


⑩ COMPOSES ELEMENTE OF INSULATOR FITTING S-1/5

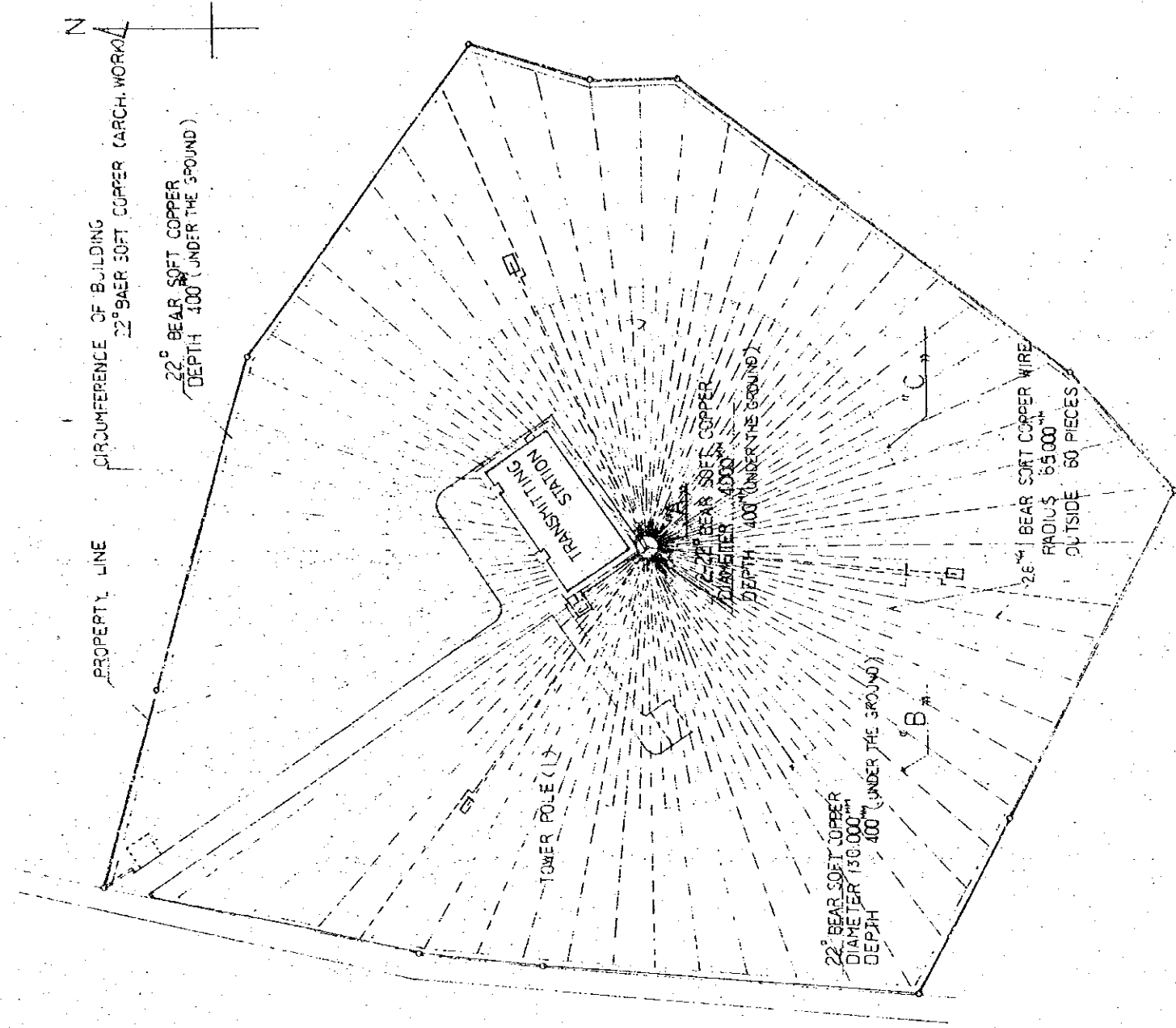


(NOTE: SW: STAINLESS STEEL WASHER)

THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK OF THE KINGDOM OF NEPAL		DRAWING NO. T-209-T-509	SCALE 1/40	UNIT M.M.	DATE JAN. 1981
CORONARING TRANSMITTING STATION		TITLE OF DRAWING			
DETAIL OF GUY WIRE FITTINGS (2)					

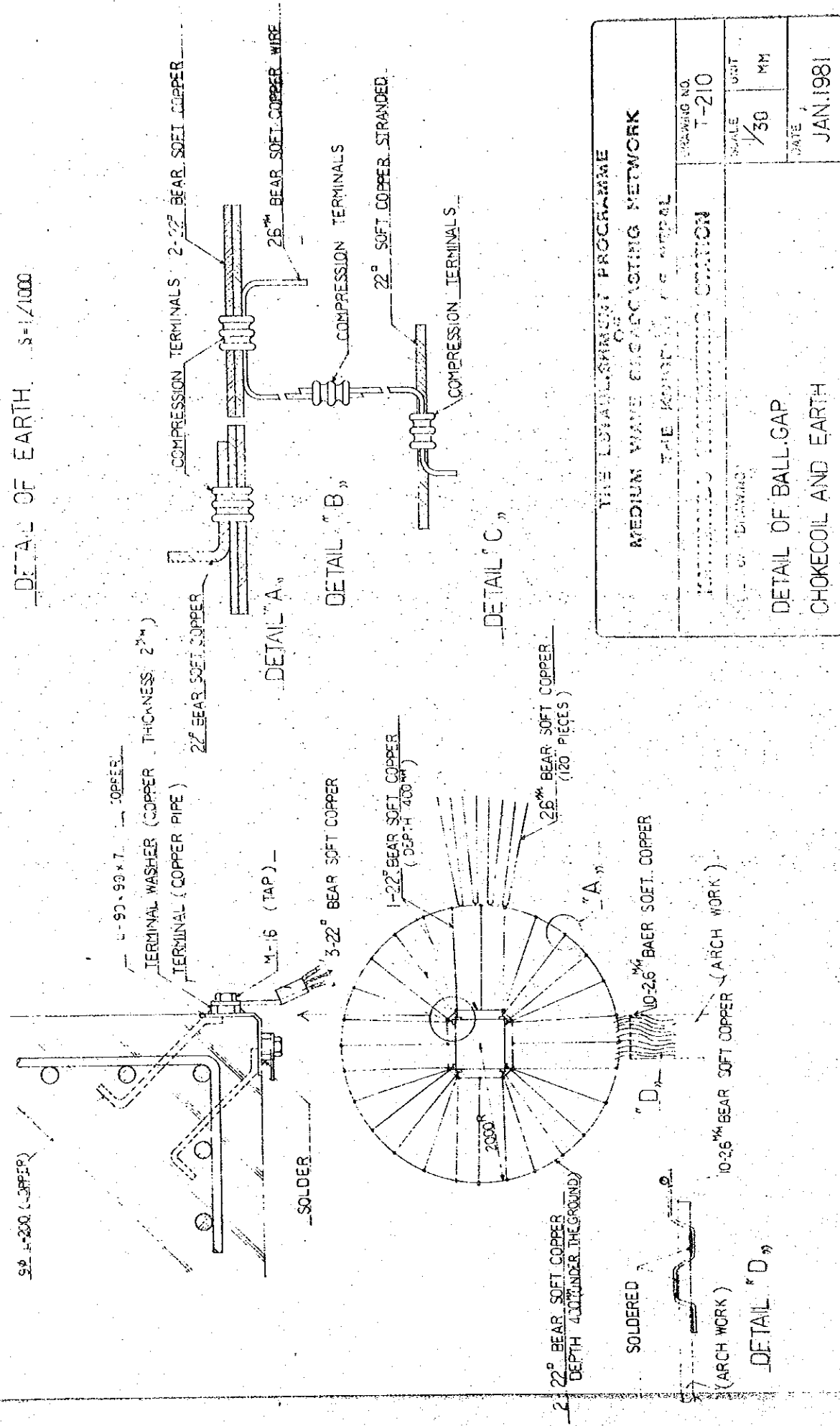


② FITTINGS OF CHOKECOIL S-1/30
(FOR SOCKET)



S-1/300 (COPPER)

DETAIL OF EARTH. S=1/1000



THE ESTABLISHMENT PROGRAMME	
MEDIUM VOLTAGE EARTHING NETWORK	
THE ROYAL CANADIAN MOUNTED POLICE	
DRAWING NO.	T-210
SCALE	1/50 MM
DATE	JAN. 1981

DETAIL OF BALL GAP
CHOKECOIL AND EARTH

ARCHITECTURAL WORK

DWGS. NO.	TITLE OF DRAWINGS	SCALE
A-301	LIST OF DRAWINGS	
A-302	SITE PLAN	1:100
A-303	FLOOR AREA TABULATION DESCRIPTION OF EXTERIOR FINISH INTERIOR FINISH SCHEDULE	1:100
A-304	GROUND FLOOR PLAN	1:100
A-305	CEILING PLAN ROOF PLAN	1:100 1:200
A-306	ELEVATION SECTION	1:100 1:100
A-307	SECTIONAL DETAIL	1:30
A-308	DETAILED PLAN OF TRANSMITTER ROOM INTERIOR ELEVATION OF TUNING UNIT ROOM & SUMPLY LOAD ROOM	1:50
A-309	INTERIOR ELEVATION OF TRANSMITTER ROOM & BLOWER ROOM	1:50
A-310	INTERIOR ELEVATION OF CONSOLE ROOM & AIR-CONDITIONER PUMP	1:50
A-311	INTERIOR ELEVATION OF STORE (1), (2) & ENGINE GENERATOR ROOM	1:50
A-312	INTERIOR ELEVATION OF KITCHEN, DRESSING ROOM, BATH ROOM & TOILET.	1:50
A-313	INTERIOR ELEVATION OF ENTRANCE HALL & OFFICE, ETC.	1:50
A-314	INTERIOR ELEVATION OF CORRIDOR	1:50
A-315	DETAIL OF STUDIO (1)	1:30 1:50
A-316	DETAIL OF STUDIO (2)	1:50 1:10 1:5 1:2
A-317	SOUND PROOF DOOR & WINDOW SCHEDULE	1:30
A-318	DETAIL OF SOUND PROOF DOOR & WINDOW	1:5
A-319	DOOR & WINDOW SCHEDULE	1:50
A-320	DETAIL OF DOOR & WINDOW (1)	1:5
A-321	DETAIL OF DOOR & WINDOW (2)	1:5
A-322	DETAIL OF SHIELDING	1:200

STRUCTURAL WORK

DWGS. NO.	TITLE OF DRAWINGS	SCALE
S-301	STANDARD REINFORCEMENT BAR ARRANGEMENT (1)	SC
S-302	STANDARD REINFORCEMENT BAR ARRANGEMENT (2)	
S-303	FOUNDATION AND R.S.L. ROOF SLAB LINE FRAMING PLAN	
S-304	FOUNDATION, TIE BEAM, COLUMN GIRDER AND BEAM LIST	
S-305	ROOF FRAMING PLAN DETAIL OF FRAMING	1:10 1:5
S-306	FRAMING ELEVATION	1:2
S-307	SLAB SCHEDULE REINFORCED CONCRETE WALL LIST	
S-308	(X ₂) AND (Y ₅) FRAMING DETAIL	1:3
S-309	DETAIL OF TOWER POLE	1:5 1:2

ELECTRIC WORK

DWGS. NO.	TITLE OF DRAWINGS	SCALE
E-301	SITE PLAN	1:10
E-302	PIPING, WIRING AND OTHER CABLE RACK OF MAIN LINES	1:100
E-303	DETAILS OF CABLE RACK AND PIPING FOR STUDIO	1:20
E-304	PIPING AND WIRING FOR LIGHTING FIXTURES	1:100
E-305	VIEW OF LIGHTING FIXTURES	
E-306	PIPING AND WIRING FOR PLUG SOCKET	1:100
E-307	VIEW AND CONNECTION DIAGRAM FOR LIGHTING BOARD	1:10
E-308	PIPING AND WIRING FOR POWER CIRCUITS	1:100
E-309	VIEW AND SINGLE LINE DIAGRAM FOR POWER BOARD	1:20
E-310	SEQUENCE DIAGRAM FOR POWER BOARD	
E-311	PIPING AND WIRING FOR COMMUNICATION SYSTEM	1:100
E-312	PIPING AND WIRING FOR FIRE ALARM SYSTEM	1:100
E-313	PIPING AND WIRING FOR LIGHTING - IN OFFICES, PLUG SOCKET, INTERPHONE & FIRE ALARM SYSTEM	

VENTILATION & AIR CONDITIONING WORK

DWGS. NO.	TITLE OF DRAWINGS	SCALE
H-301	SITE PLAN LEGEND BUILDING SECTION	1:1000 1:100
H-302	LIST OF MACHINES & DIAGRAM OF DUCT SYSTEM	
H-303	GROUND FLOOR PLAN OF DUCT WORK	1:100
H-304	DETAIL OF DUCT WORK IN AIR CONDITIONER ROOM, POWER ROOM & FAN	1:50
H-305	DETAIL OF AUTOMATIC CONTROL & GROUND FLOOR PLAN OF AUTOMATIC CONTROL SYSTEM	1:100
H-306	DETAILS OF VIBRATION PROTECTION & SOUND ABSORBING DUCT	
H-307	DETAIL OF AIR FILTER	1:20
H-308	DETAILS OF AIR HANDLING UNIT & PACKAGED AIR CONDITION	
H-309	DETAILS OF OUTLET & INLET	

DWGS. NO.	TITLE OF DRAWINGS	SCALE
T-301	SITE PLAN TOWER FOR ANTENNA	1:500
T-302	DETAIL OF FOUNDATION AND ANCHOR BLOCK	1:30
T-303	DETAIL OF FENCE AND AVIATION OBSTRUCTION LIGHT WIRING	1:50
T-304	DETAIL OF TOWER BOTTOM FITTINGS	1:5
T-305	DETAIL OF TOWER BODY	1:20
T-306	DETAIL OF PLATFORM	1:0
T-307	DETAIL OF GUY WIRE	1:30
T-308	DETAIL OF GUY WIRE FITTINGS (1)	1:2
T-309	DETAIL OF GUY WIRE FITTINGS (2)	1:40
T-310	DETAIL OF BALUN GAP, CHECK JUNCTION AND EARTH	1:30

PLUMBING WORK

DWGS. NO.	TITLE OF DRAWINGS	SCALE
P-301	SITE PLAN DETAIL OF PIT & BUILDING SECTION	1:1000 1:100
P-302	LISTS OF EQUIPMENT & IMPLEMENT, LEGEND & FLOW DIAGRAM FOR PLUMBING	
P-303	GROUND FLOOR PLAN OF PIPING	1:100
P-304	DETAILS OF TOILET, KITCHEN & BATH ROOM & PRESSURE TANK & PUMP	1:50
P-305	DETAIL OF FIRE HYDRANT	1:5 1:2
P-306	DETAIL OF SEPTIC TANK	1:20 1:10 1:5
P-307	DETAIL OF OIL TANK	1:20

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

POKHARA TRANSMITTING STATION

DRAWING NO.
A-301

TITLE OF DRAWING

SCALE

UNIT

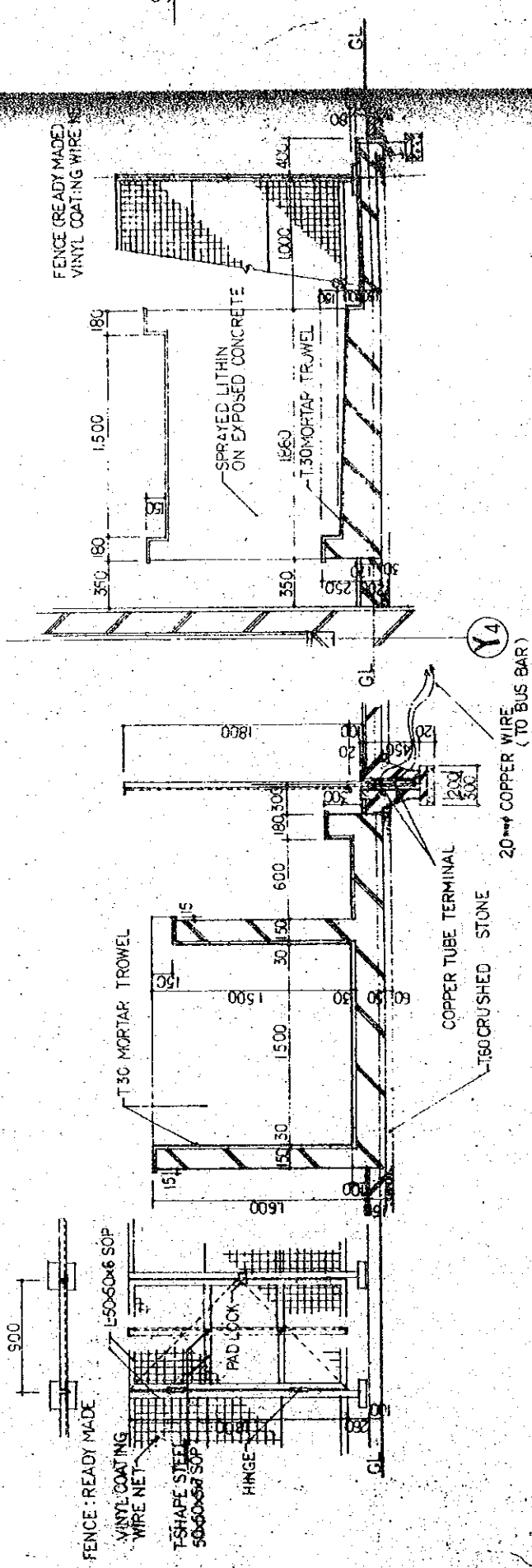
LIST OF DRAWINGS

DATE
JAN 1981

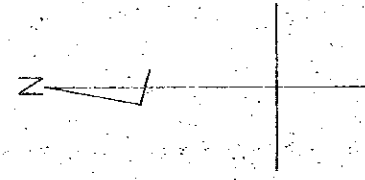
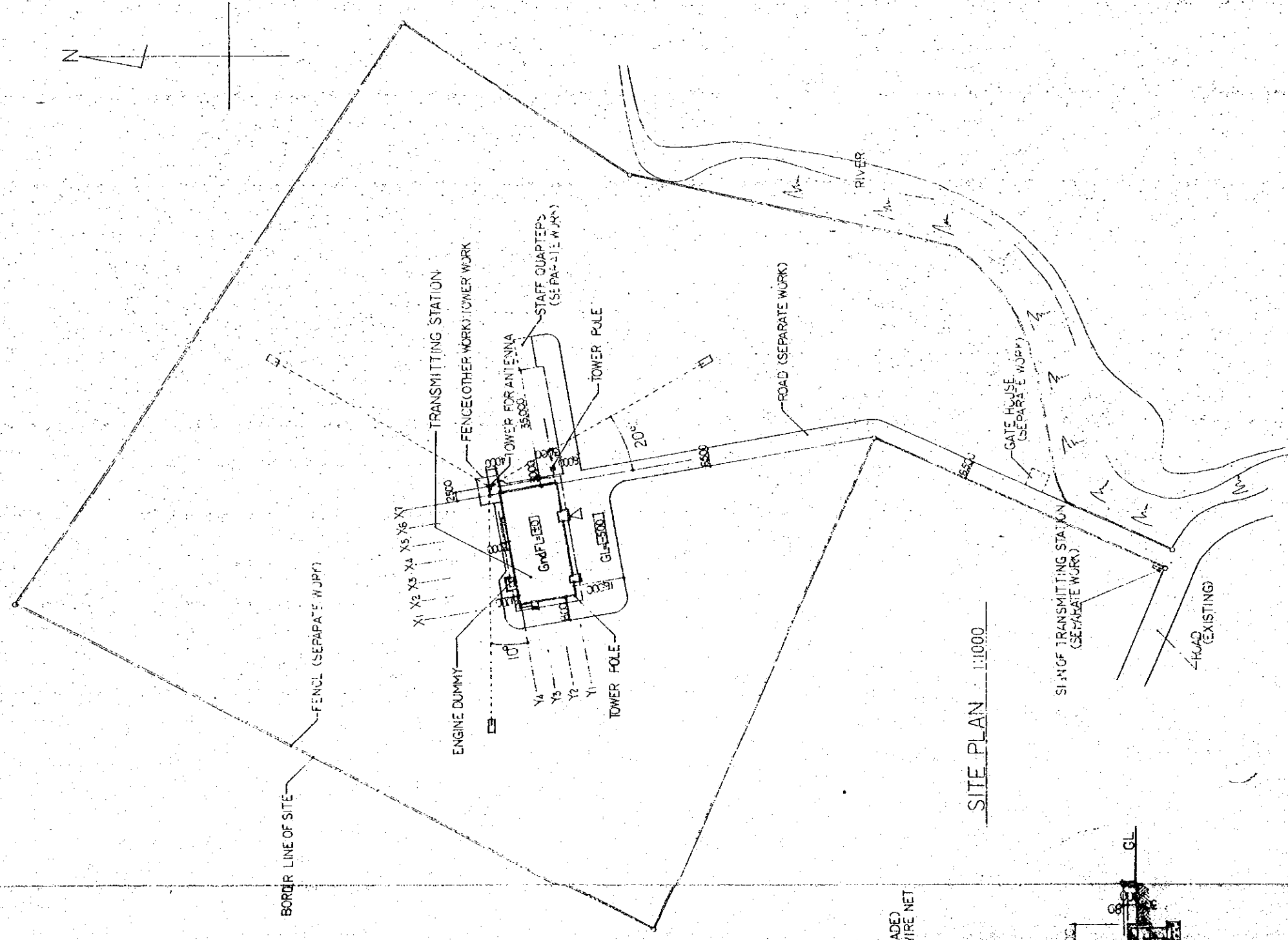
SCALE
1:100
1:50 1:20
1:100 1:30
1:200
1:30
1:50 1:20

SCALE
1:1000
1:100
1:20
1:100
1:100
1:10
1:100
1:20
1:100
1:100
EM
S,

B - R LINE OF SIT



DETAIL OF ENGINE DUMMY 1:30



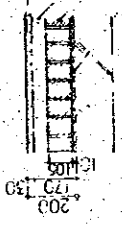
SITE PLAN 1:1000

THE ESTABLISHMENT PROGRAMME			
MEDIUM WAVE BROADCASTING NETWORK			
THE KINGDOM OF NEPAL			
POKHARA TRANSMITTING STATION		DRAWING NO.	A-302
TITLE OF DRAWING		SCALE	1:1000
SITE PLAN		UNIT	MM
		DATE	JAN. 1981

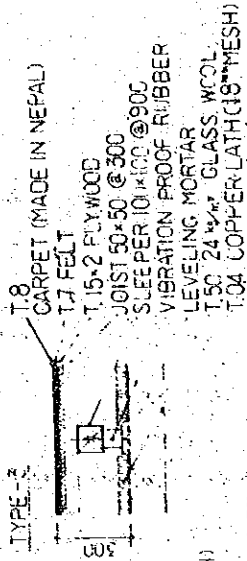
ABBREVIATION

FLOOR

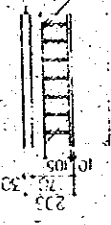
TYPE -1



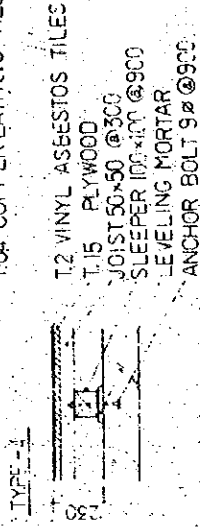
TYPE -3



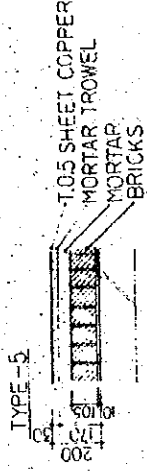
TYPE -2



TYPE -4

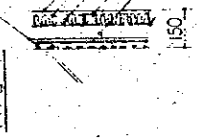


TYPE -5

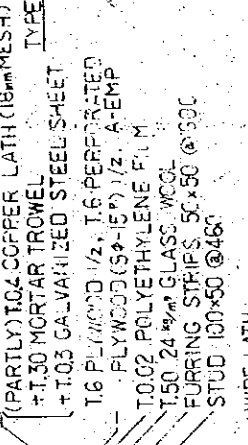


WALL

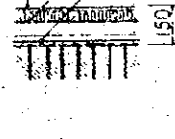
TYPE -1



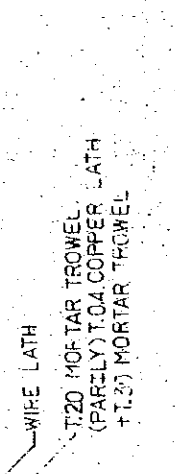
TYPE -3



TYPE -2



TYPE -4

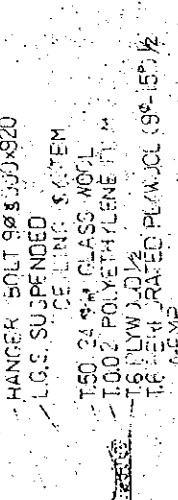


CEILING

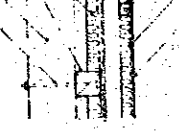
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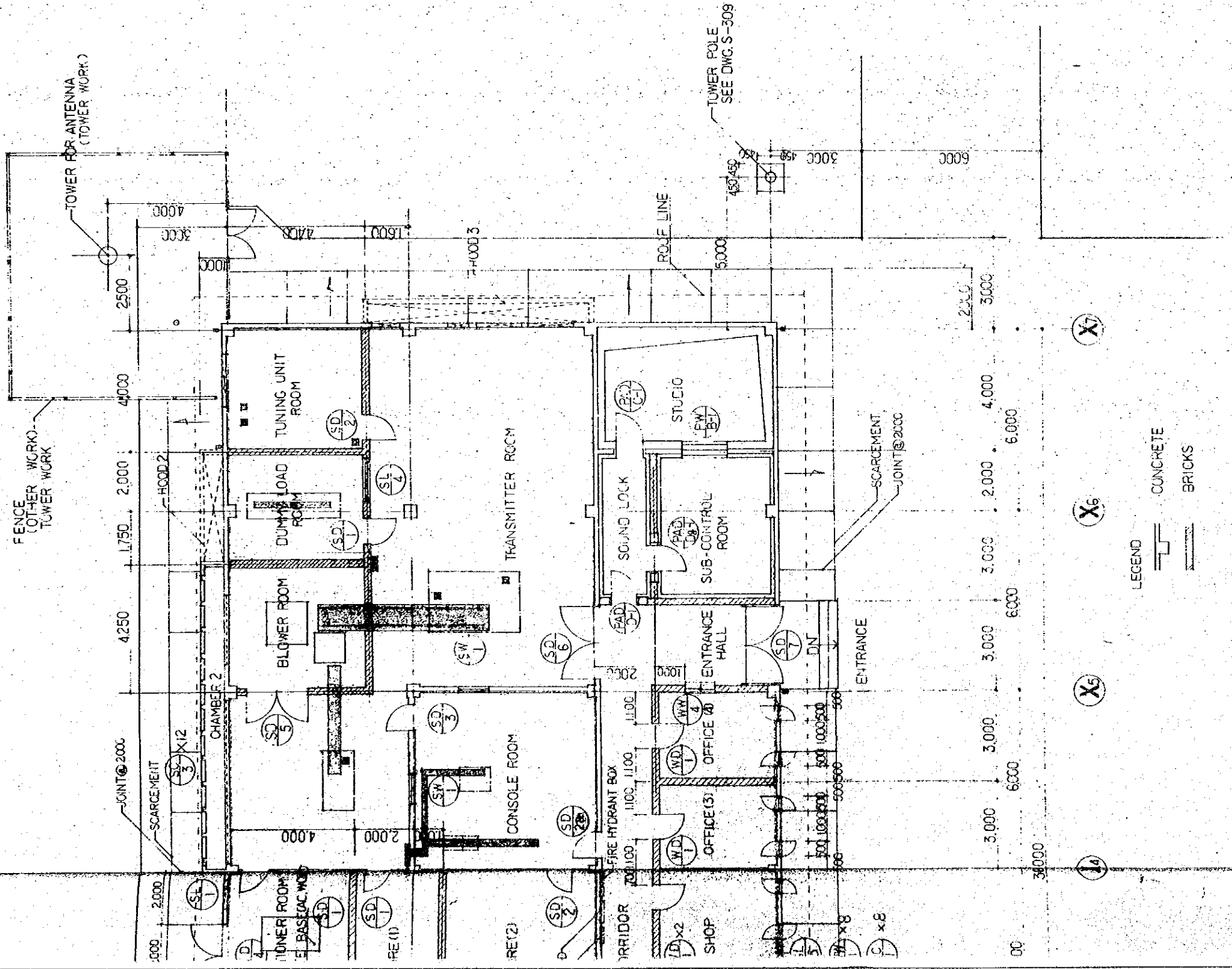
TYPE -3





TYPE -2



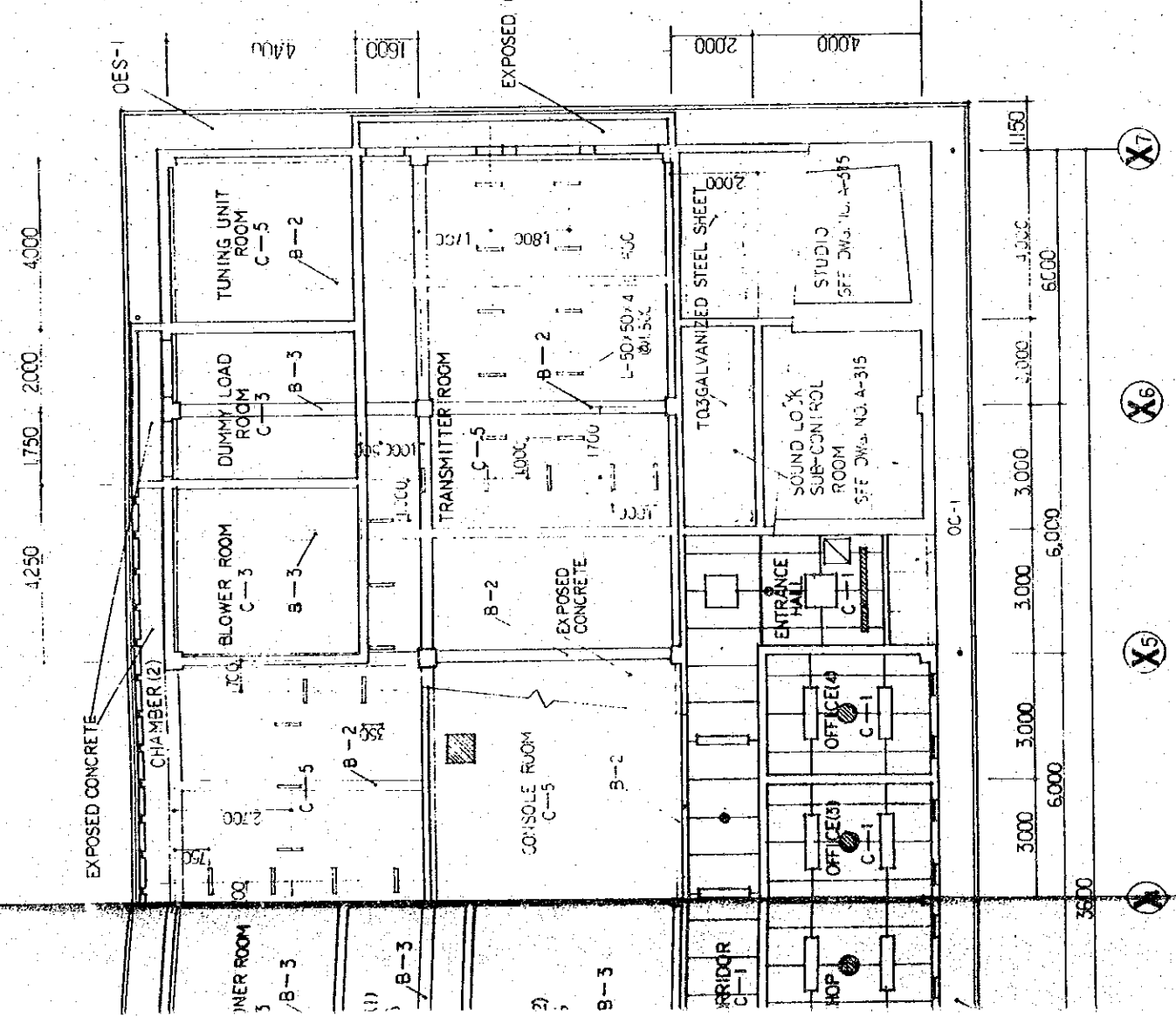
BEAM	REMARKS
1	A-EMP : ACRYLIC EMULSION PAINT
2	DC : DIRECT CEILING
3	CL : CLEAR LACQUER
4	SOP : SYNTHETIC RESIN OIL PAINT
5	LGS : LIGHT GAUGE STEEL
6	SUSPENDED CEILING HEIGHT
7	DC (DOUBLE SHIELD)
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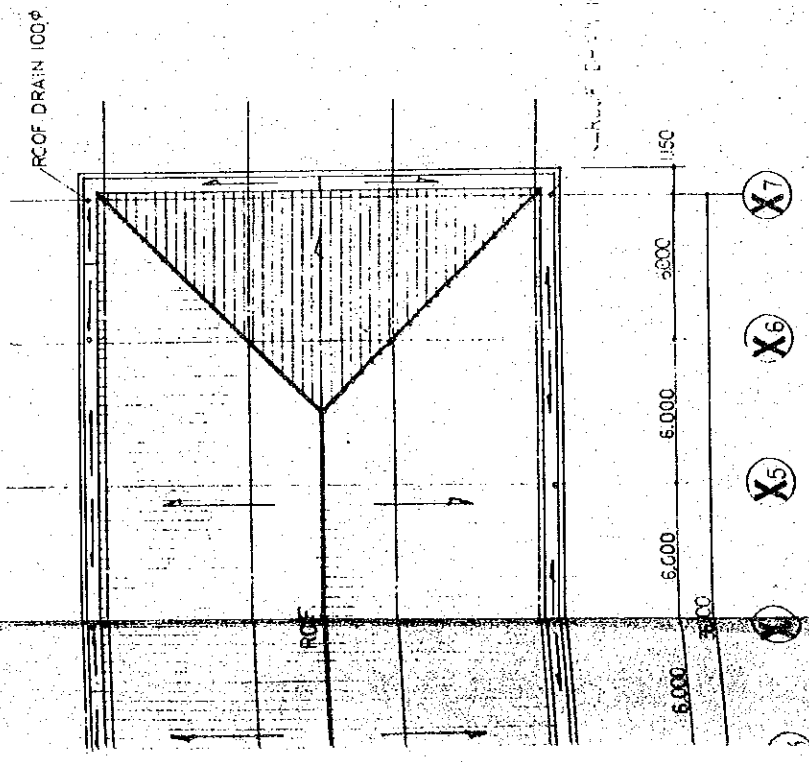
LEGEND
 CONCRETE
 BRICKS

GROUND FLOOR PLAN 1:100

THE ESTABLISHMENT PROGRAMME MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL			DRAWING NO. A-304
POKHARA TRANSMITTING STATION		SCALE 1:100	UNIT MM
TITLE OF DRAWING GROUND FLOOR PLAN		DATE JAN. 1981	

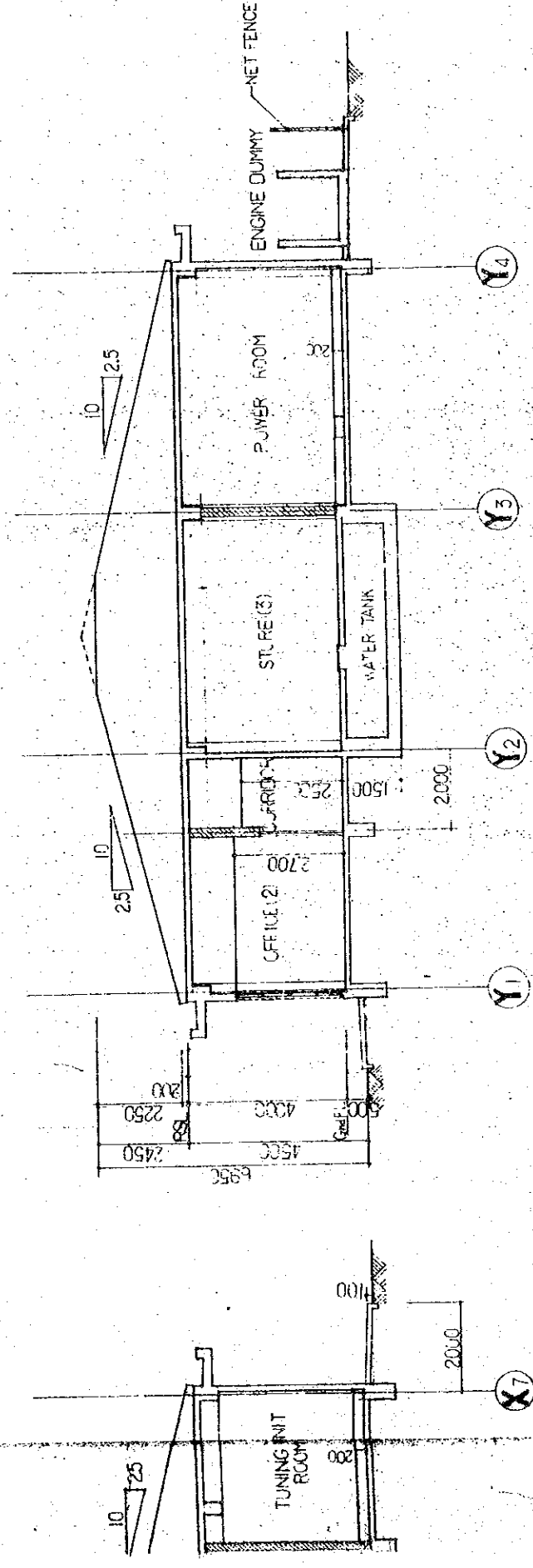
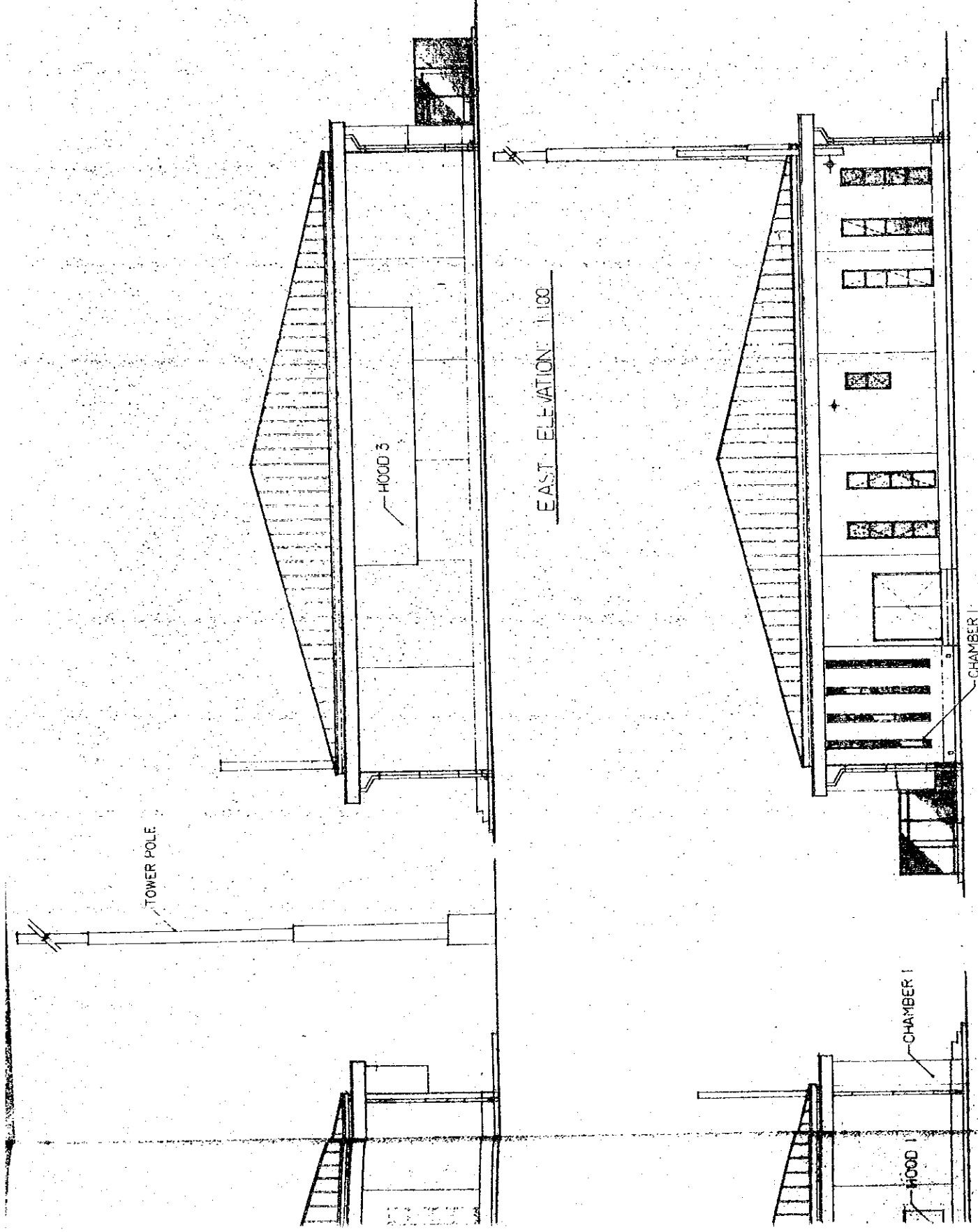


CEILING PLAN 1:100

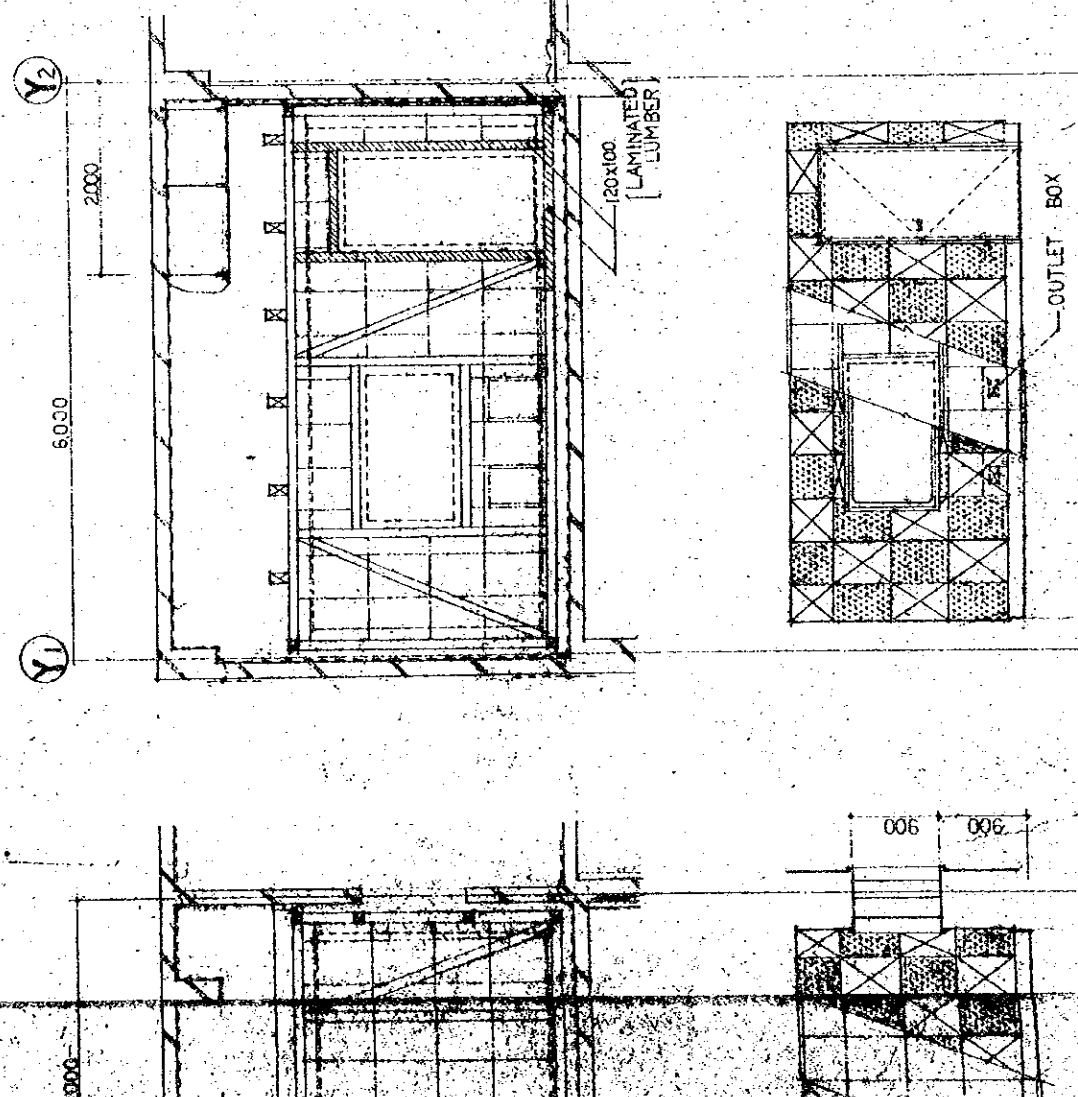
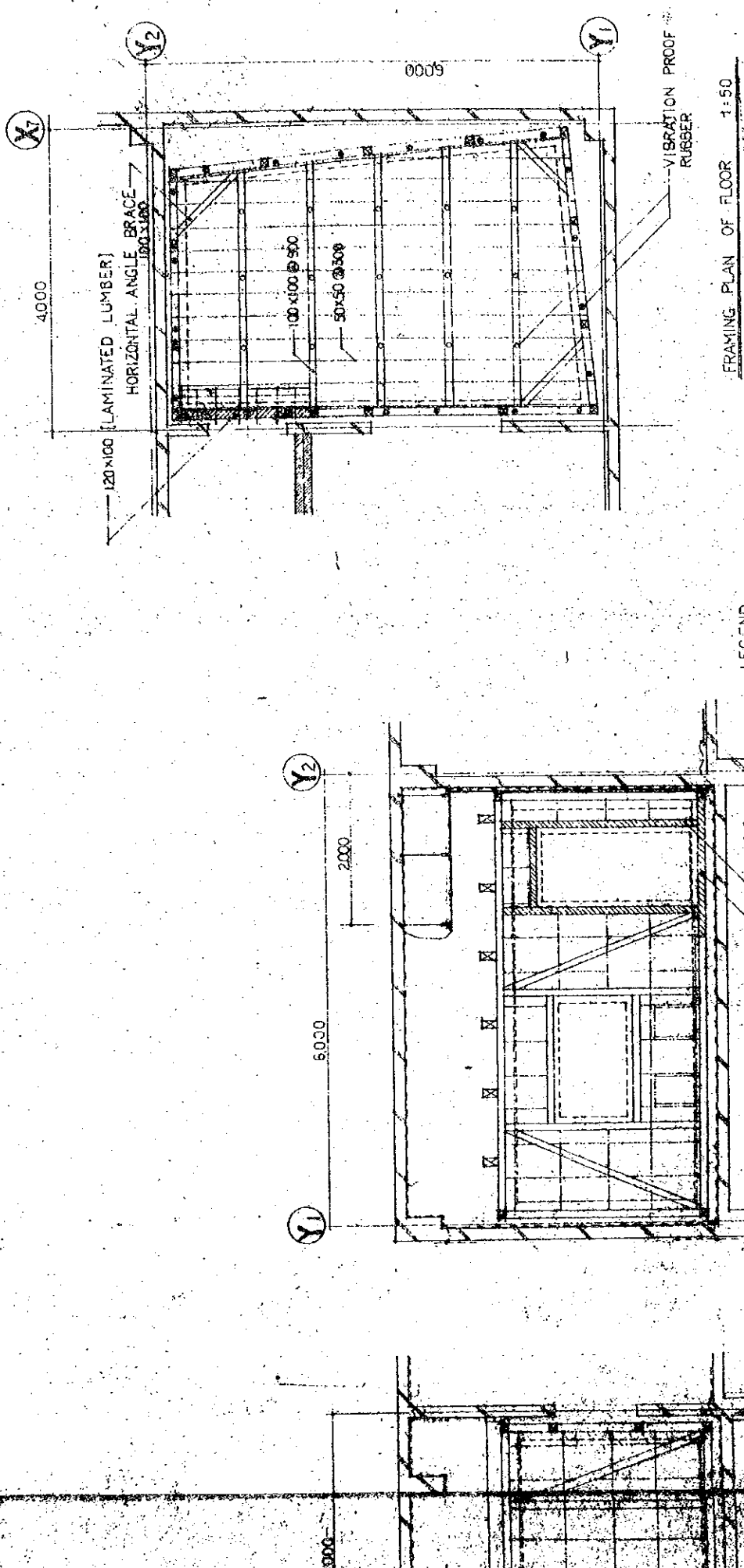
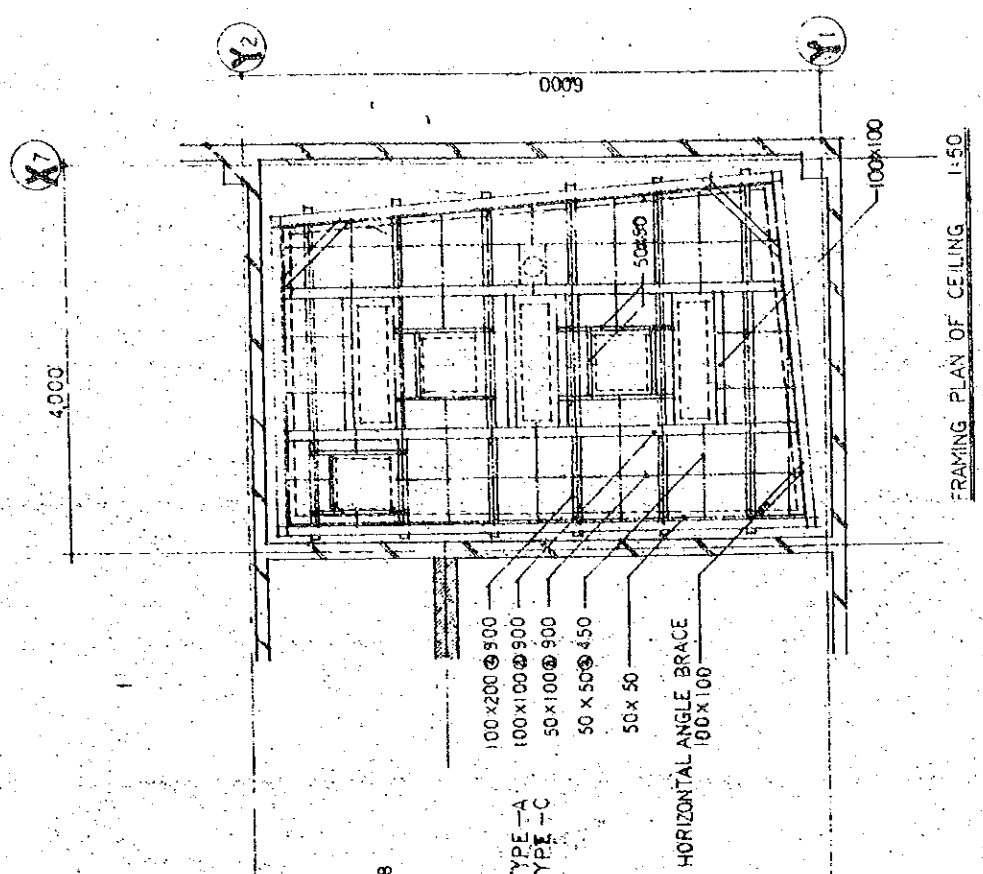
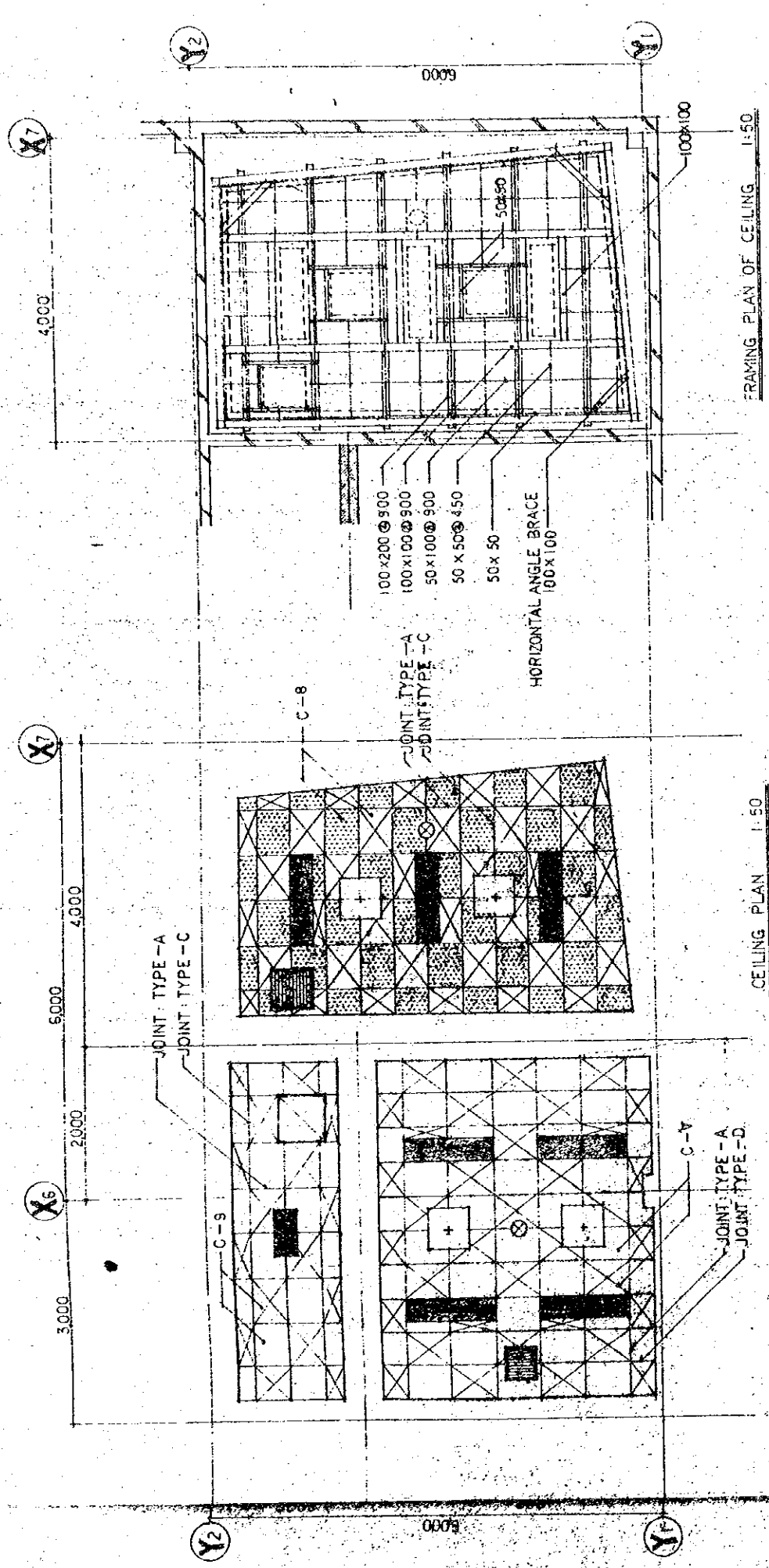


ROOF PLAN 1:200

THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL		DRAWING NO. A-305
TITLE OF DRAWING CEILING PLAN ROOF PLAN	SCALE 1:100 1:200	UNIT (M) (F)
		DATE JAN. 1981

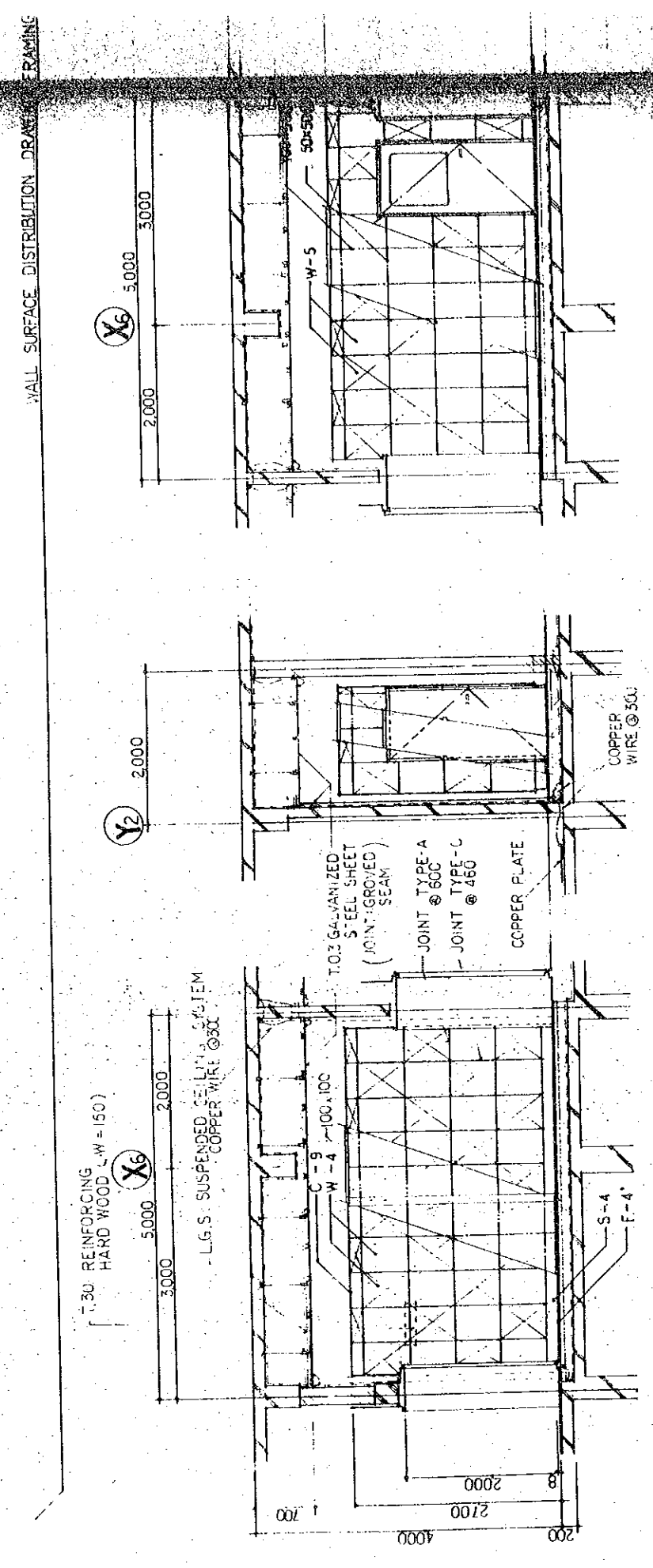
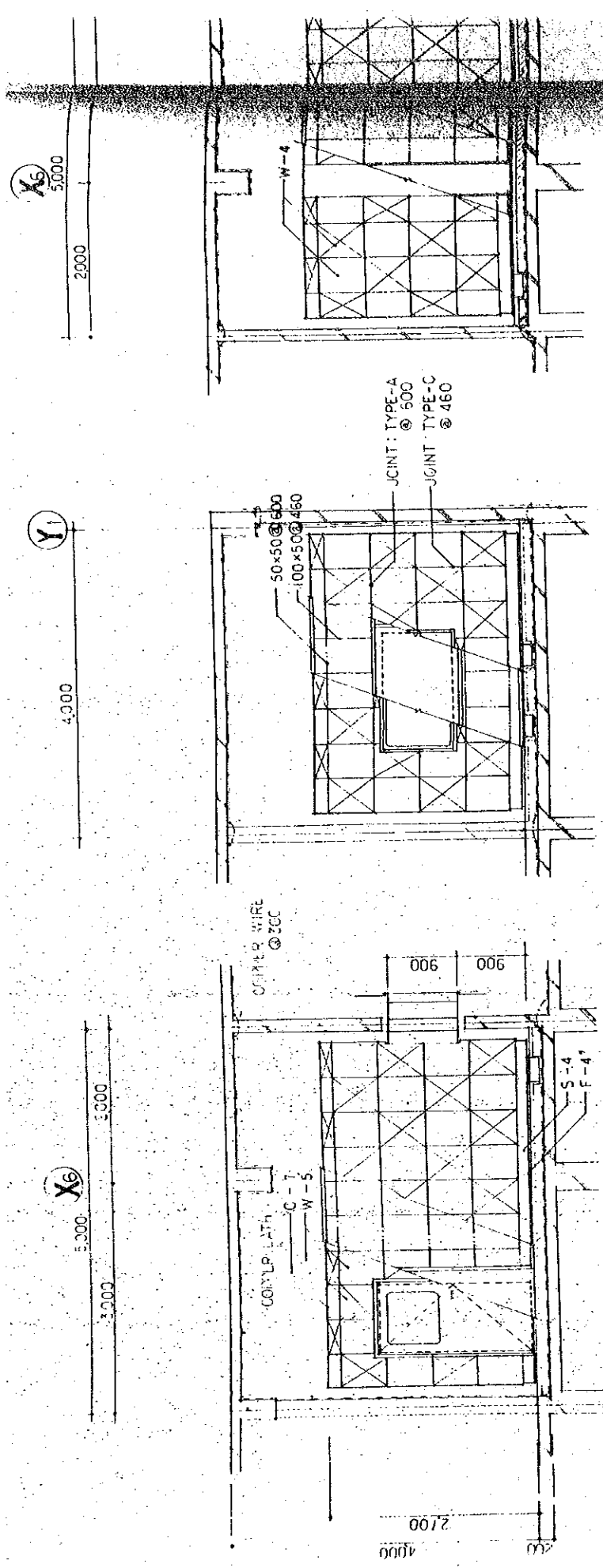


THE ESTABLISHMENT PROGRAMME OF BROADCASTING IN THE KINGDOM OF NEPAL		PROJECT NO. A-306-
POKHARA TRANSMITTING STATION		SCALE 1:100
TITLE OF DRAWING ELEVATION SECTION		DATE JAN, 1981



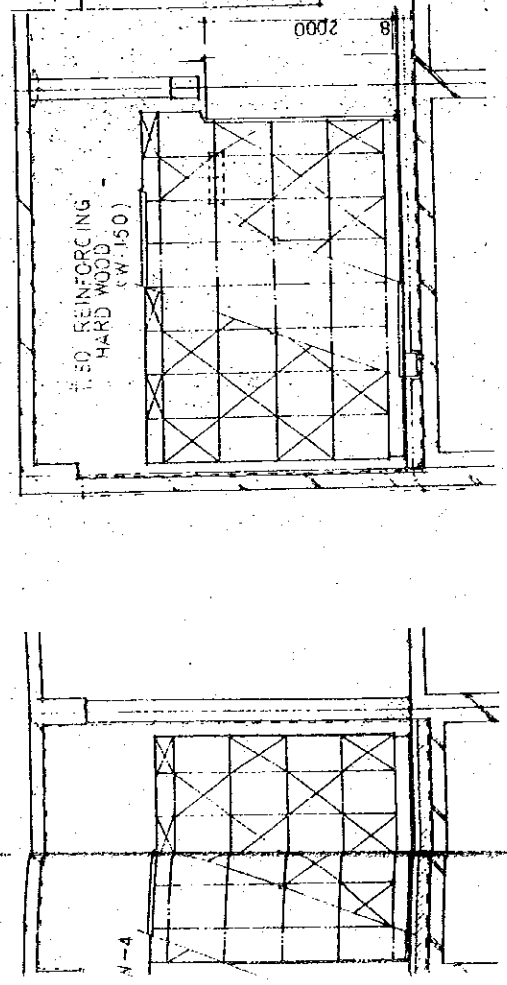
- LEGEND
- [Symbol] T-6 PLYWOOD
 - [Symbol] T-6 PERFORATED PLYWOOD 9'-15"
 - [Symbol] T-6 PERFORATED PLYWOOD 6'-15"
 - [Symbol] ACCESS DOOR 900x500 READY MADE (ALUMINIUM)
 - [Symbol] LIGHTING FIXTURE (ELEC WORK)
 - [Symbol] EMERGENCY LIGHT (ELEC WORK)
 - [Symbol] SUPPLY AIR OUTLET (CAC WORK)
 - [Symbol] VENTILATING OPENING (CAC WORK)

THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK BY THE KINGDOM OF NEPAL		DRAWING NO.	A-315
POKHARA TRANSMITTING STATION		SCALE	1:30 UNIT 1:50 M.M
TITLE OF DRAWING		DATE	JAN. 1981
DETAIL OF STUDIO (1)			

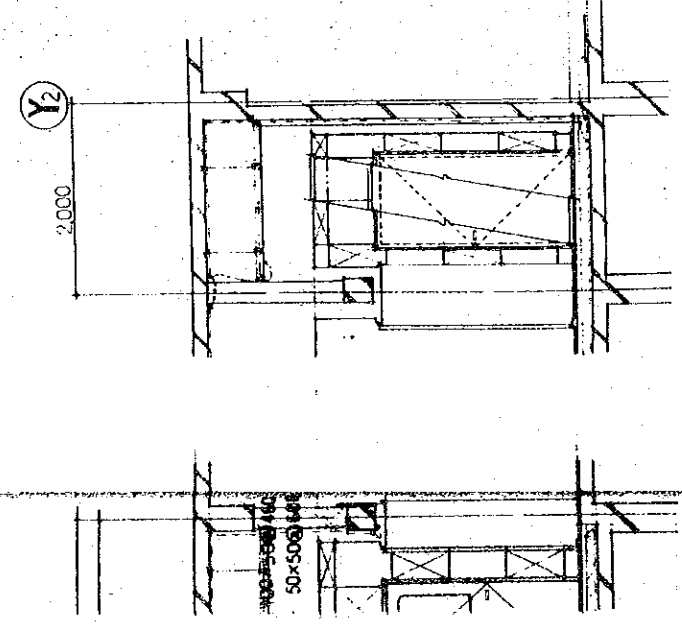


- LEGEND
- T.6 PLYWOOD
 - T.6 PERFORATED PLYWOOD 9' - 1.5'

<p>① DETAILED SECTION OF WALL & SKIRTING AND FLOOR</p> <p>SUB - CONTROL ROOM & SOUND LOCK</p>	<p>1:10</p> <p>STUDIO</p>	<p>② DETAILED PLAN OF WALL</p> <p>SUB - CONTROL ROOM & SOUND LOCK</p>
<p>T.25 HARD WOOD SOP AN.HOP BOLT @ 900 T.2 VINYL ASBESTOS TILES COPPER LATH MORTAR TROWEL MORTAR BRICK CONCRETE</p>	<p>T.25 HARD WOOD SOP. TYPE-3 T.8 CARPET (MADE IN NEPAL) T.7 FELT T.15x2 PLYWOOD COPPER LATH JOIST 50x50 @ 900 SLEEPER 100x100 @ 900 CAULKING T.50 24 1/4" GLASS WOOL PROOF RUBBER LEVELING MORTAR CONCRETE</p>	<p>T.20 MORTAR TROWEL W-2 TYPE-2 MAKE SAME AS TYPE-1 W-3 TYPE-1 T.6 PLYWOOD 1/2 T6 PERFORATED PLYWOOD (9'-15" A-EMP) T.0.02 POLY-ETHYLEN FILM T.50 24 1/4" GLASS WOOL WIRE LATH FURRING STRIPS 50x50 @ 600 STUD 100x50 @ 460</p>



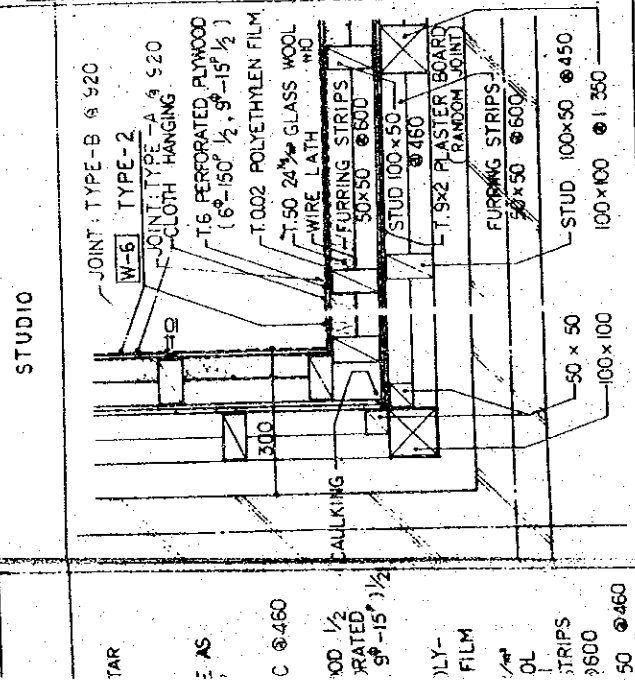
DRAWING FRAMING ELEVATION OF SUB-CONTROL ROOM 1:50



3) DETAILED SECTION OF WALL AND CEILING 1:10

1) ELEVATION OF SOUND LOCK 1:50

(ABOUT SHIELD, SEE DWG. 3) 1:10



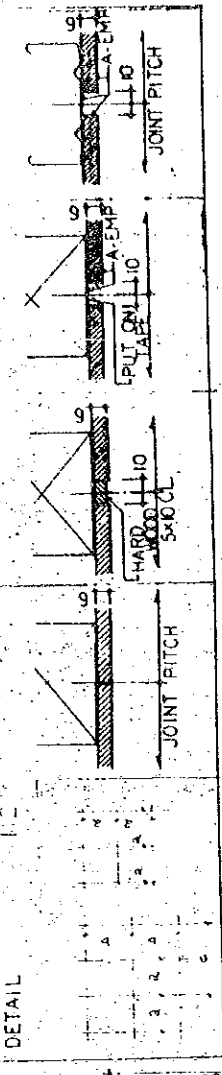
STUDIO 1:10

TYPICAL DETAILS OF JOINT

TYPE	TYPE - A	TYPE - B	TYPE - C	TYPE - D
JOINT PITCH	920	920	460	460
FINISH				
W-1 TYPE-1	A-EMP			
W-2 TYPE-2	A-EMP			
W-3 TYPE-3	CLOTH			

CEILING

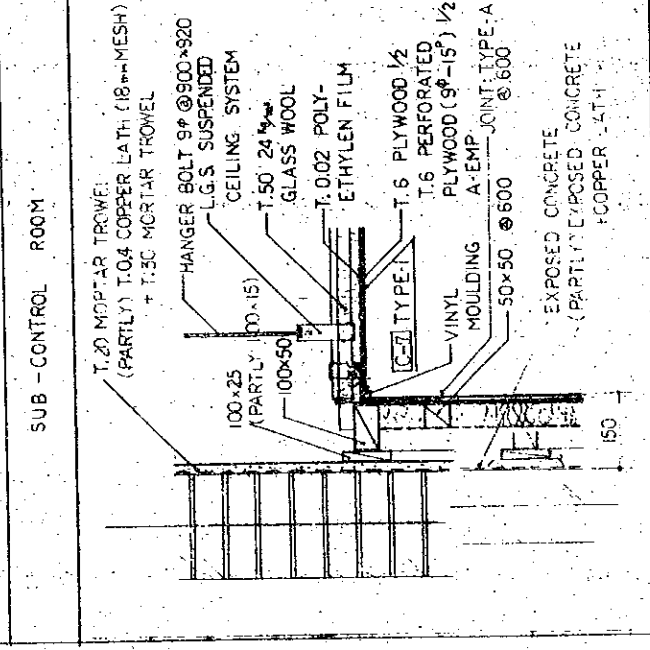
C-1 TYPE-1	A-EMP			
C-2 TYPE-2	A-EMP			
C-3 TYPE-3	A-EMP			



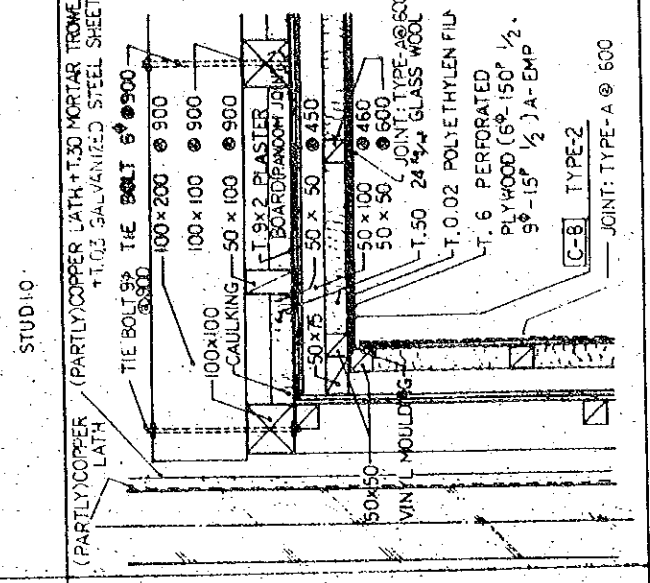
TYPE & PIECES OF VIBRATION PROOF RUBBER

MOUNTING POINT	FLOOR	WALL	CEILING
VIBRATION PROOF RUBBER	SILL	SLEEPER	
STUDIO NAME	MEL-80-C	MEL-80-C	
RUBBER TENDER	MEDIUM		
RUBBER TENDER	21	15	
STUDIO			

NOTE: VIBRATION PROOF RUBBER SHALL BE MADE BY SIOWA DENSEN DENRAN INC. OR EQUAL.

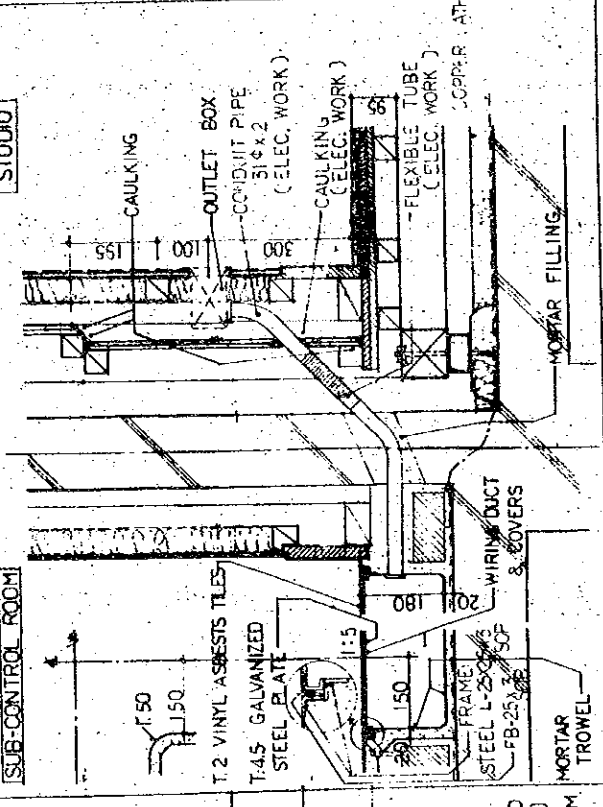


SUB-CONTROL ROOM 1:10

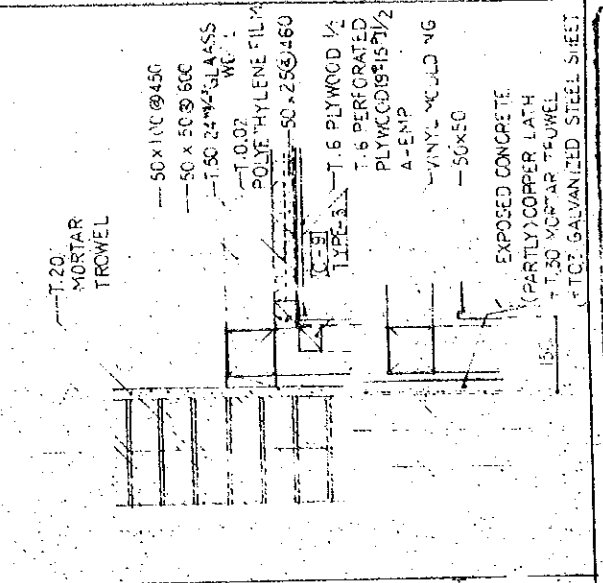


STUDIO 1:10

4) DETAIL OF OUTLET BOX, WIRING DUCT & COVERS 1:10



SOUND LOCK 1:10



THE ESTABLISHMENT OF POKHARA TRANSMITTING STATION

WIRING WORK

POKHARA TRANSMITTING STATION A-316

TITLE OF DRAWING: DETAIL OF STUDIO (2)

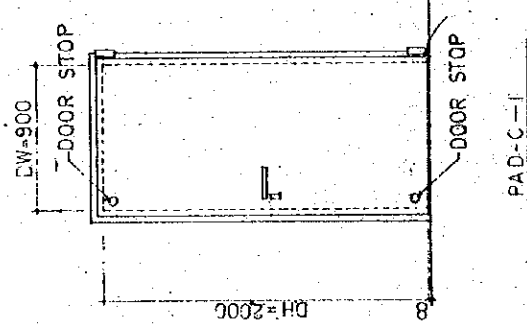
SCALE: 1:50 1:10 1:5 1:2

DATE: JAN. 1961

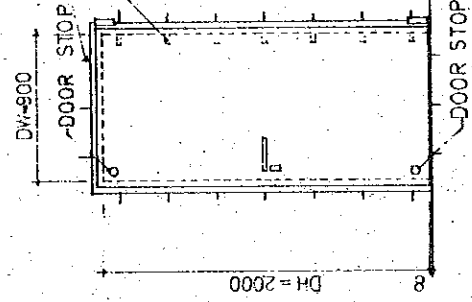
DOOR & WINDOW SCHEDULE

TYPE	QUANTITY	HARDWARE			DOOR
		PIVOT HINGE	LOCK	DOOR CLOSER	
PAD - C - 1	1	HORI # 2470 (1 SET)	HORI # 1184 PIN TUMBLER LOCK ROLLER LATCHBOLT	(1 PIECE)	2 PIECE
PAD - D - 1	1	HORI # 2470 (1 SET)	HORI # 1184 PIN TUMBLER LOCK ROLLER LATCHBOLT	(1 PIECE)	2 PIECE
PAD - D _s - 1	1	HORI # 2470 (1 SET)	HORI # 1184 PIN TUMBLER LOCK ROLLER LATCHBOLT	(1 PIECE)	2 PIECE
PW - B - 1	1	---	---	---	---

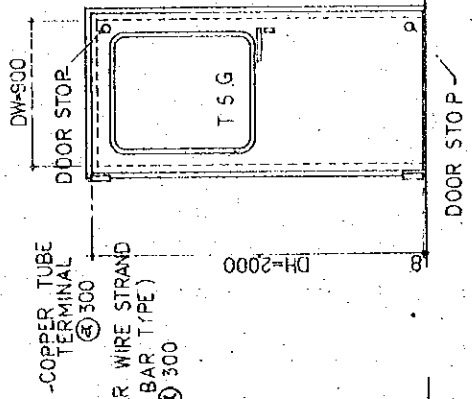
ELEVATION 1:30



PAD-C-1



PAD-D-1



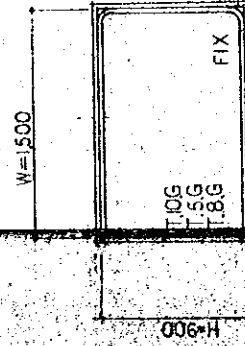
PAD-D_s-1

W=1500

H=900
DGS
SS
B.G.

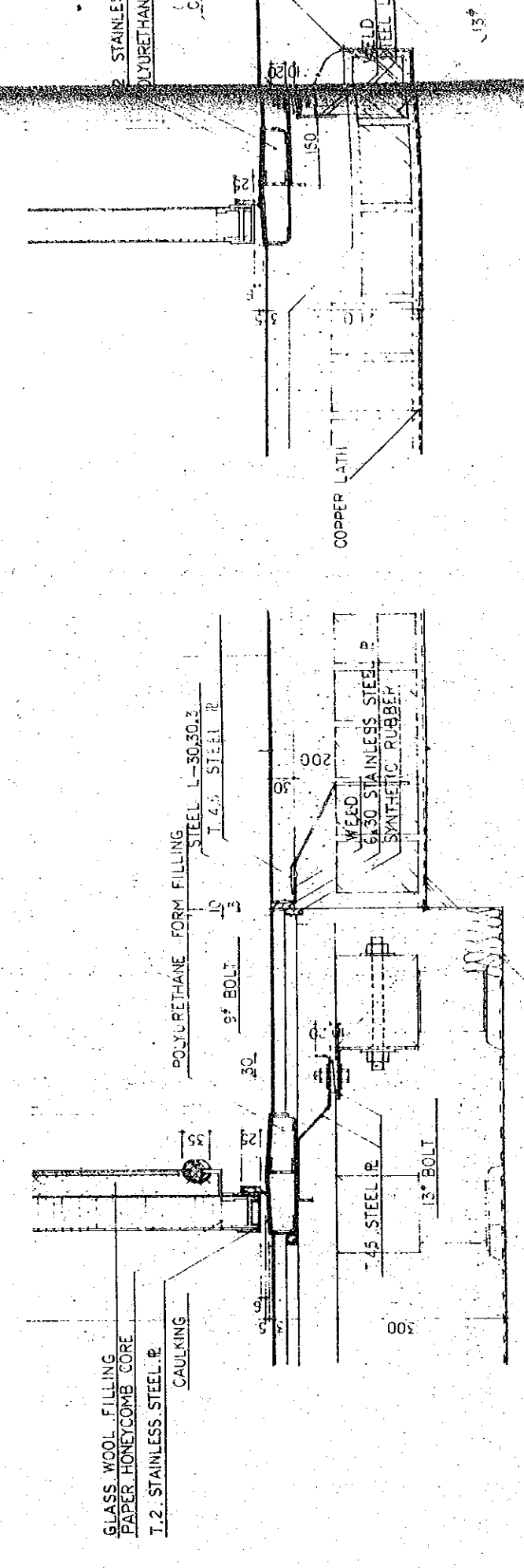
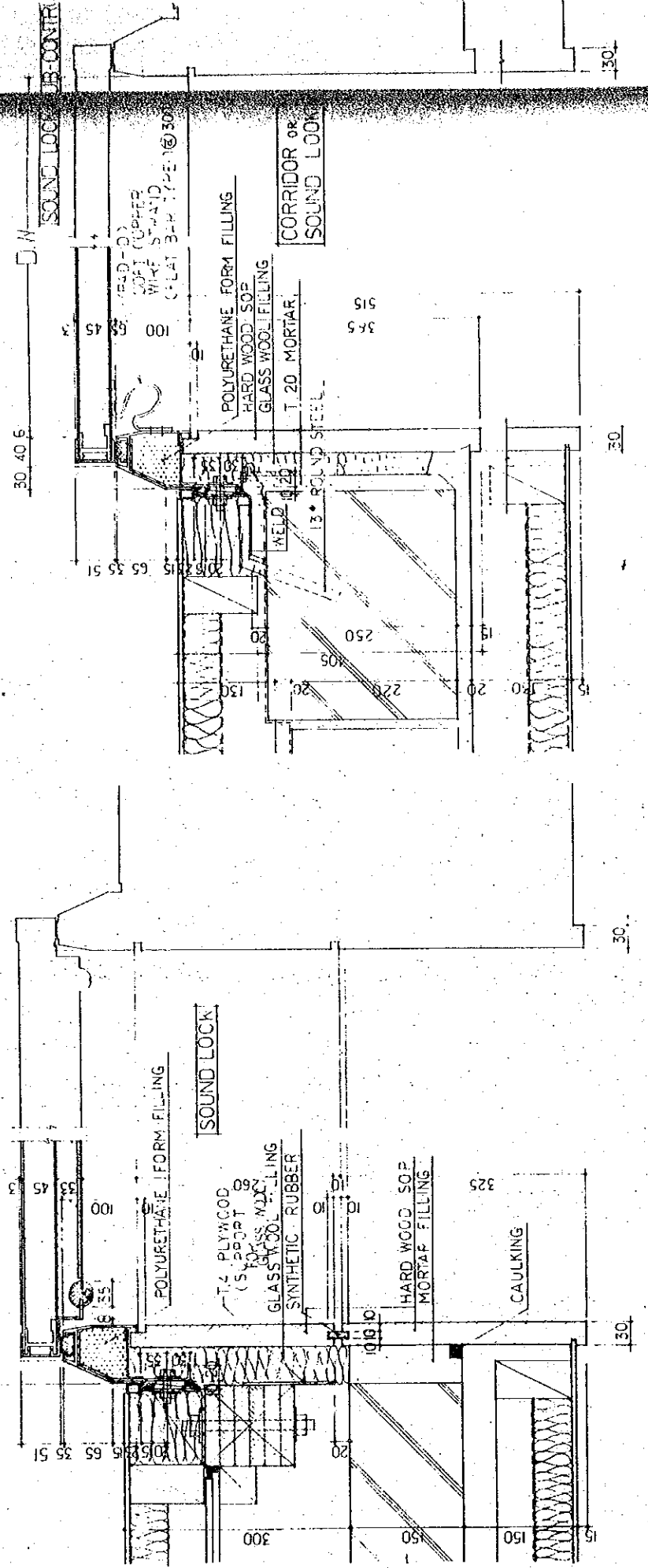
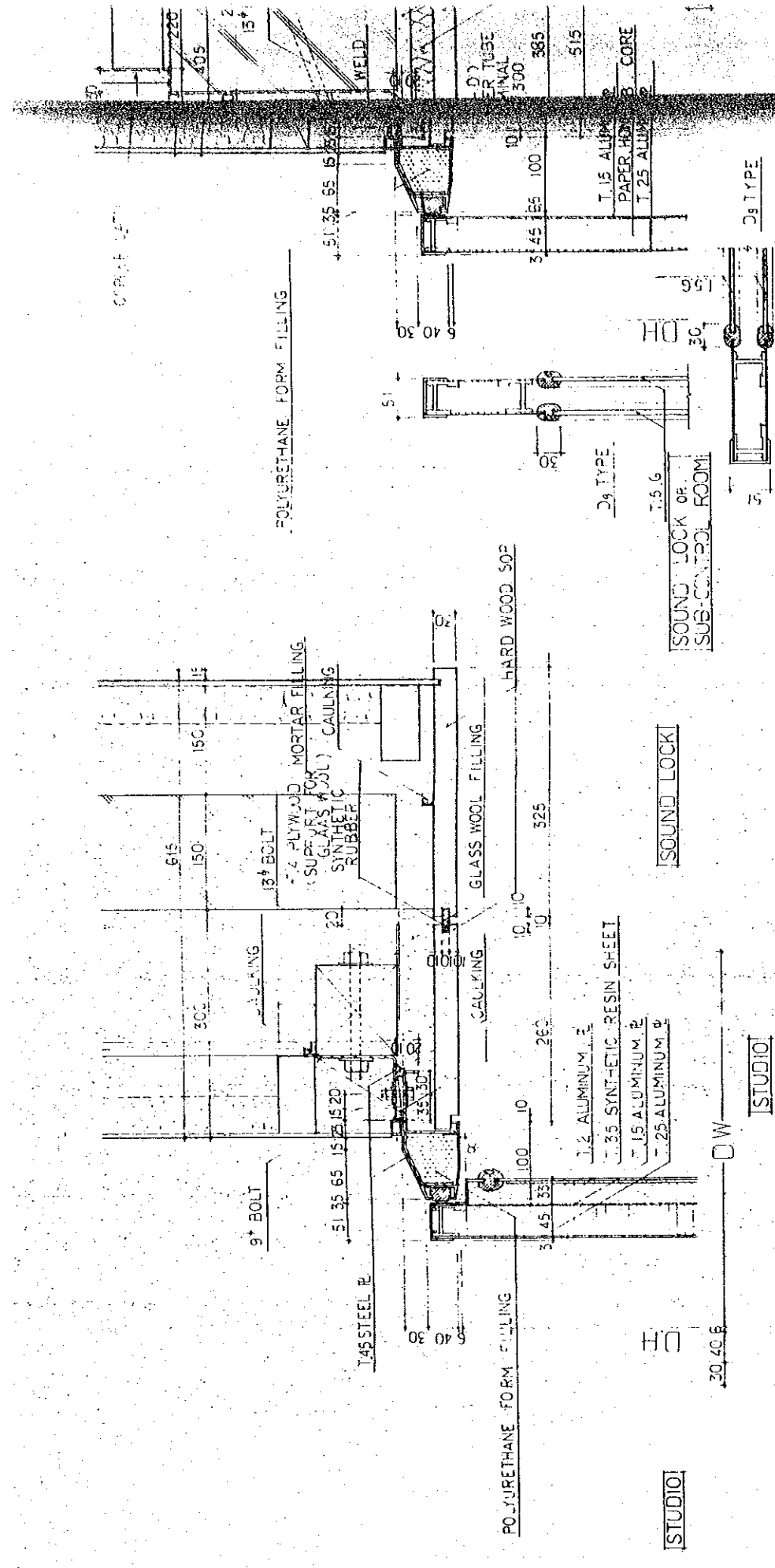
PW-B-

DOOR SIDE	GLASS (CLEARED FLOAT)	MATERIAL	REMARK
(2 PIECE)		ALUMINIUM	
(2 PIECE)		ALUMINIUM	FOR SHIELD
(2 PIECE)	5 mm	ALUMINIUM	
	10 mm 5 mm 8 mm	ALUMINIUM	



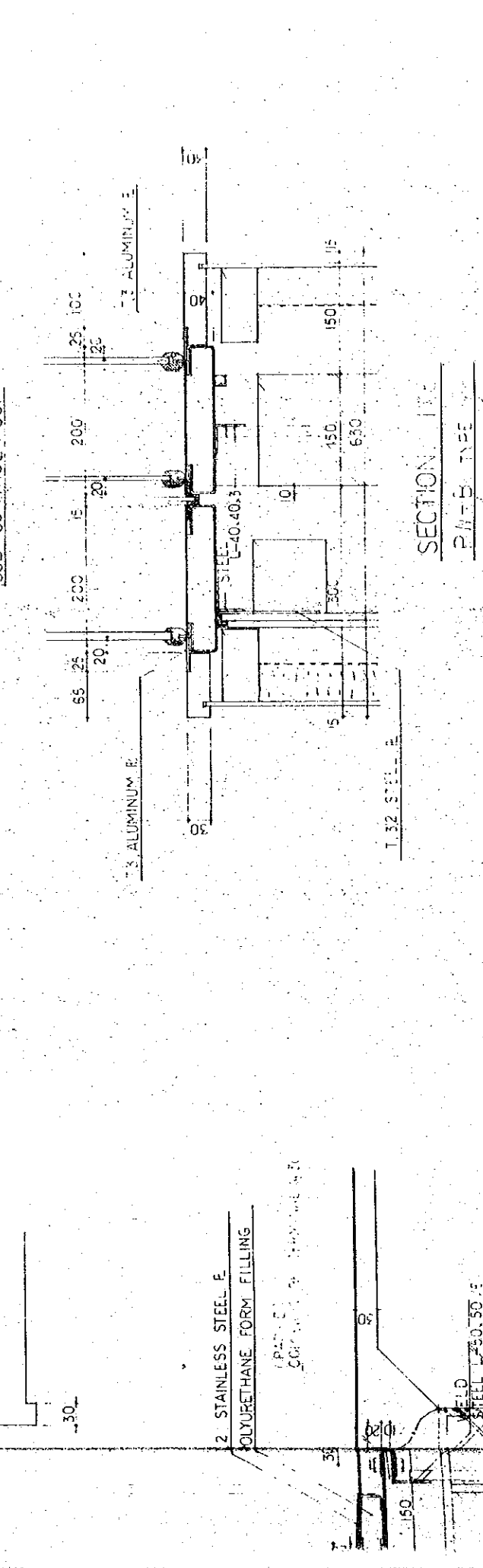
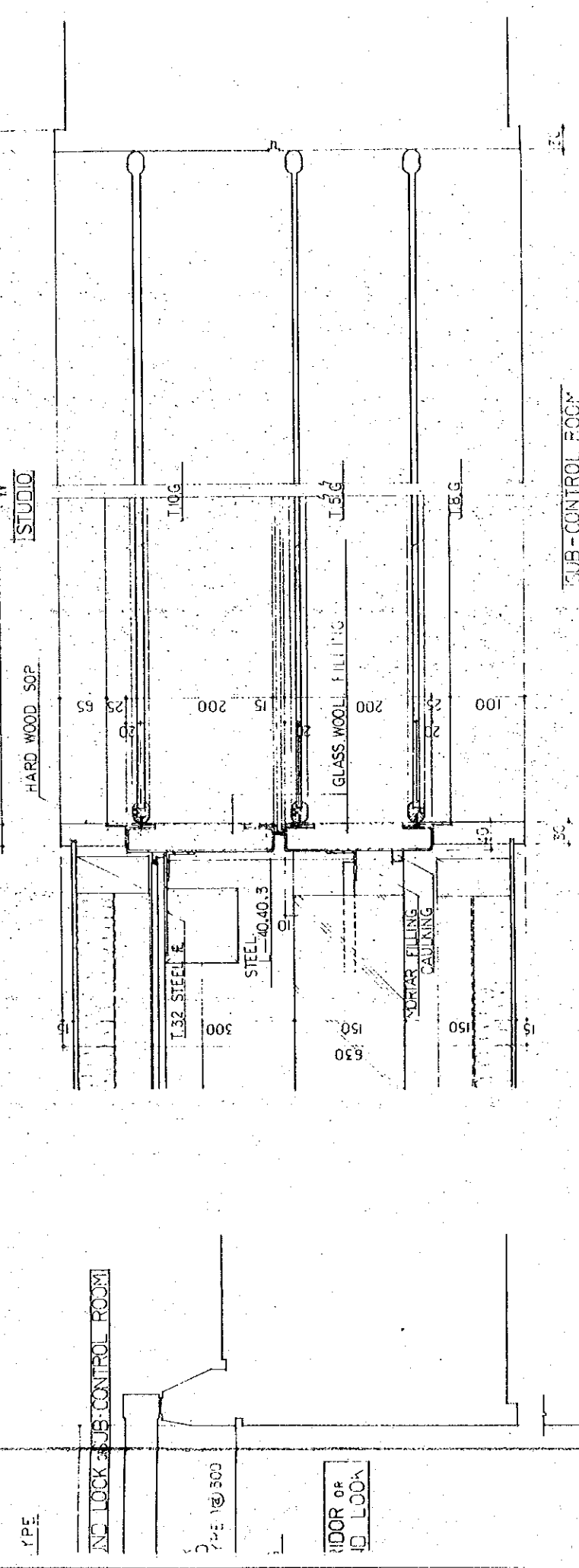
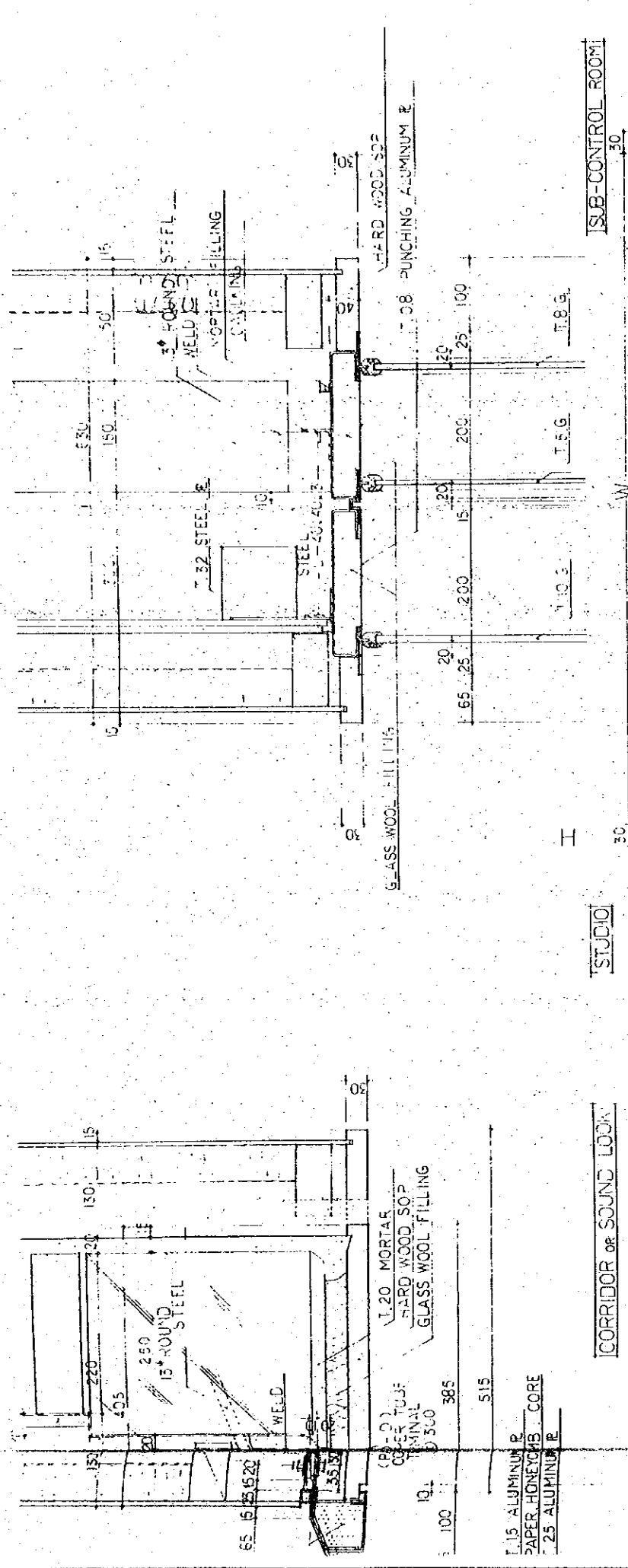
PW-B-1

THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK		DRAWING NO.
THE KINGDOM OF NEPAL		A-317
POKHARA TRANSMITTING STATION		SCALE UNIT
TITLE OF DRAWING		1:30 (M)
SOUND PROOF DOOR & WINDOW SCHEDULE		DATE
		JAN. 1981



SECTION PAD - C TYPE

SECTION PAD - D TYPE



SECTION I-1
P A-5 TYPE

<p>THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL</p> <p>POKHARA TRANSMITTING STATION</p>		DRAWING NO. A-318
TITLE OF DRAWING DETAIL OF SOUND PROOF DOOR -& WINDOW-#	SCALE 1:5	UNIT M.T.
		DATE JAN, 1961

SECTION I-2
D-D

DOOR & WINDOW TYPE

SD : STEEL DOOR
WD : WOODEN DOOR

SW : STEEL WINDOW
WW : WOODEN WINDOW

MATERIAL

SL : STEEL LOUVER
SC : SCREEN

S : STEEL
W : WOOD

FINISH

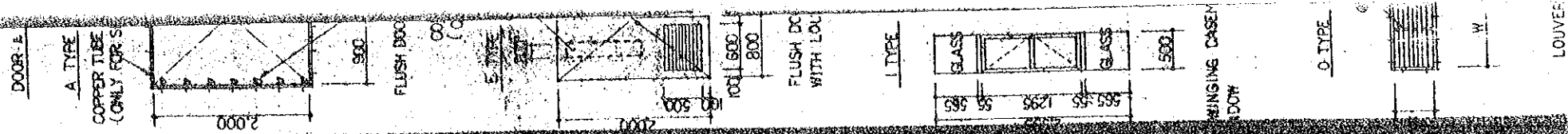
CS : SYNTHETIC PAINT
CP : POLYURETHANE PAINT
CF : CLEAR FINISH

CS : SYNTHETIC PAINT
CP : POLYURETHANE PAINT
CF : CLEAR FINISH

DOOR & WINDOW SCHEDULE

KEY NUMBER	QUANTITY	DOOR & WINDOW TYPE	LOCATION	MATERIAL	DOOR & WINDOW SIZE W x H	DOOR THICKNESS	FRAME THICKNESS	GLASS TYPE & THICKNESS	HINGE	LABATORY HINGE	DOOR CLOSER	CASTER LOCK	CASTER WHEEL	DEAD LOCK	RIM SLIDE EQ.	CASMENT FASTNER	CASMENT OPERATOR	FLUSH BOLT	FLUSH BOLT	DOOR STOP & LOCK HOLDER	DOOR HINGE	KNOB	FINISH PLATE	DOOR HANDLE	FOR SHIELD	AIR-11-11	ATTACHED LOUVER	REMARK
SD-1	4	A	ENG. RM., STORE (1) AIR-CON. RM. DUMMY LOAD RM.	S	900 x 2000	40	100																					
SD-2	2	A	TUNING RM., STORE (2)	S	900 x 2000	40	120																					
SD-3	1	A	CONSOLE RM.	S	900 x 2000	40	120																					
SD-4	2	B	ENGI.-GENE. RM. AIR-CON. RM.	S	2000 x 2000	40	120																					
SD-5	1	B	BLOWER RM.	S	2000 x 2000	40	100																					
SD-6	1	B	TRANSMITTER RM.	S	2400 x 2470	40	120																					
SD-7	1	C	ENTRANCE	S	2570 x 2470	40	120	F-5																				
SD-8	1	D	SUB-ENTRANCE	S	1570 x 2000	40	120	F-5																				
WD-1	7	E	OFFICE WORK SHOP KITCHEN	W	800 x 2000	40	100																					
WD-2	1	F	STORE (3)	W	800 x 2000	40	100																					
WD-3	1	E	DRESSING RM.	W	800 x 2000	40	100																					
WD-4	1	E	BATH RM.	W	800 x 2000	40	100	P-4																				
WD-5	1	E	TOILET	W	800 x 2000	40	100																					
WD-6	2	G	TOILET	W	550 x 1820	40																						
SW-1	2	H	CONSOLE RM.	S	1000 x 1000	100		F-5																				
WW-1	16	I	OFFICE WORK SHOP KITCHEN	W	500 x 2535	35	100	F-5																				
WW-2	1	I	TOILET	W	500 x 2535	35	100	P-4																				
WW-3	1	J	BATH RM.	W	500 x 1295	35	100	P-4																				
WW-4	1	K	OFFICE (1)	W	1000 x 600	30		C-3																				
SC-1	16	L	OFFICE WORK SHOP TOILET, KITCHEN	S	620 x 2705	50	140																					
SC-2	1	M	BATH RM.	S	640 x 1470	50	140																					
SC-3	16	N	ENGI.-GENE. RM. TRANSMITTER RM. BLOWER RM.	S	150 x 3000		100																					
SL-1	2	O	POWER RM. AIR-CON. RM.	S	1000 x 500		100																					
SL-2	1	O	AIR-CON. RM.	S	200 x 200		100																					
SL-3	1	O	WORK SHOP	S	600 x 300		100																					
SL-4	1	P	DUMMY LOAD RM.	S	1500 x 3000		100																					

SEE DWG. NO. A-313

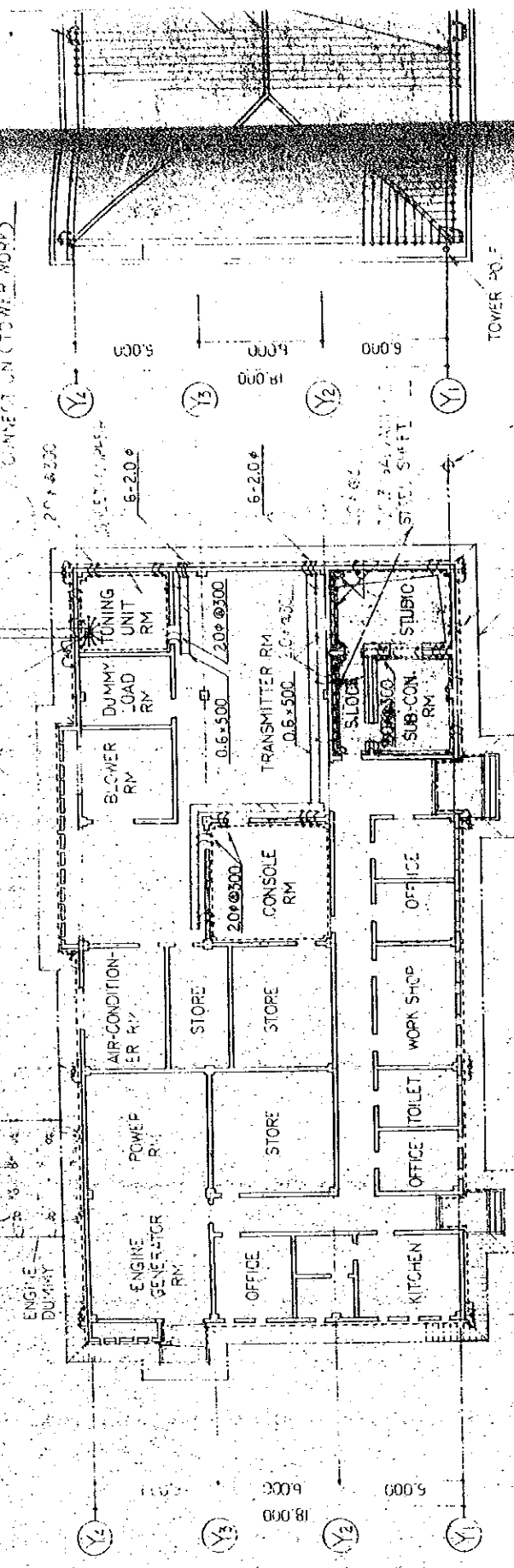


EARTH BURIED DEEP COPPER PLATE 13" x 500"
(TO GO THROUGH BELOW THE FOUNDATION SIPS)

STRAP FOR DOWN PIPE
(SOLDERED 2" C. WIRES)
SOFT COPPER WIRE STRAP-ID
13" x 60" x 1/2"

TOUR FOR ANTENNA - LOWER WORK
B.S. S.F. (LOWER WORK)

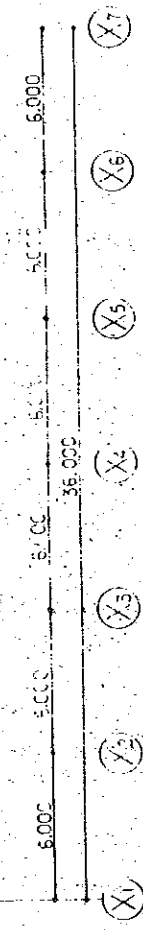
ENGINE DUMMY



TOWER SHAFT

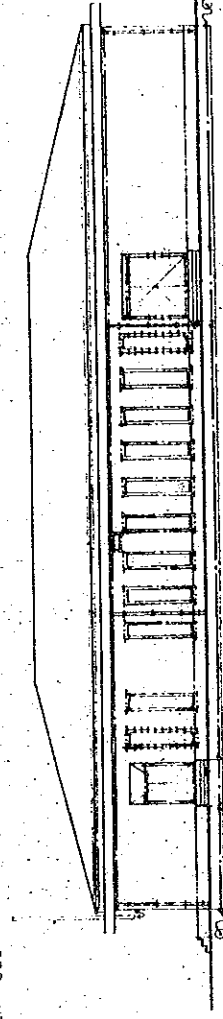
TOWER PILE
(CONCRETE TOWER WITH STEEL BAR)
SEE DWG. NO. S-309

BIVE BAR



GROUND FLOOR PLAN 1:200

TOWER PILE

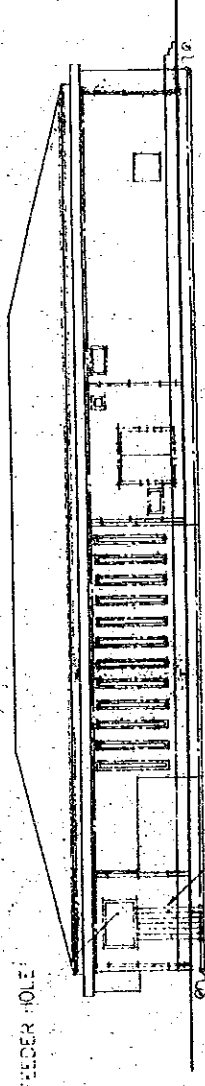


NORTH ELEVATION 1:200

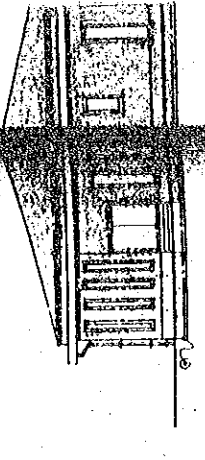


WEST ELEVATION 1:200

ANTENNA FEEDER HOLE



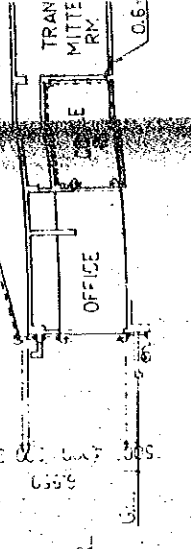
SOUTH ELEVATION 1:200



EAST ELEVATION 1:200



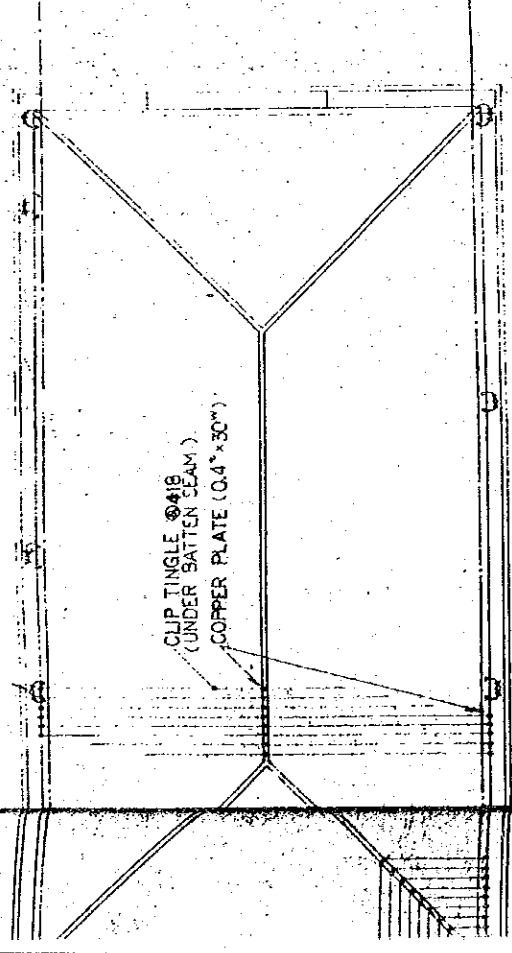
SECTION (1) 1:200



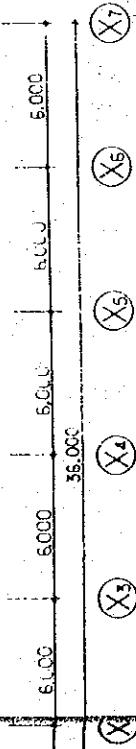
SECTION (2) 1:200

1:500
ON 3105/1
WER WU-10
RF 2

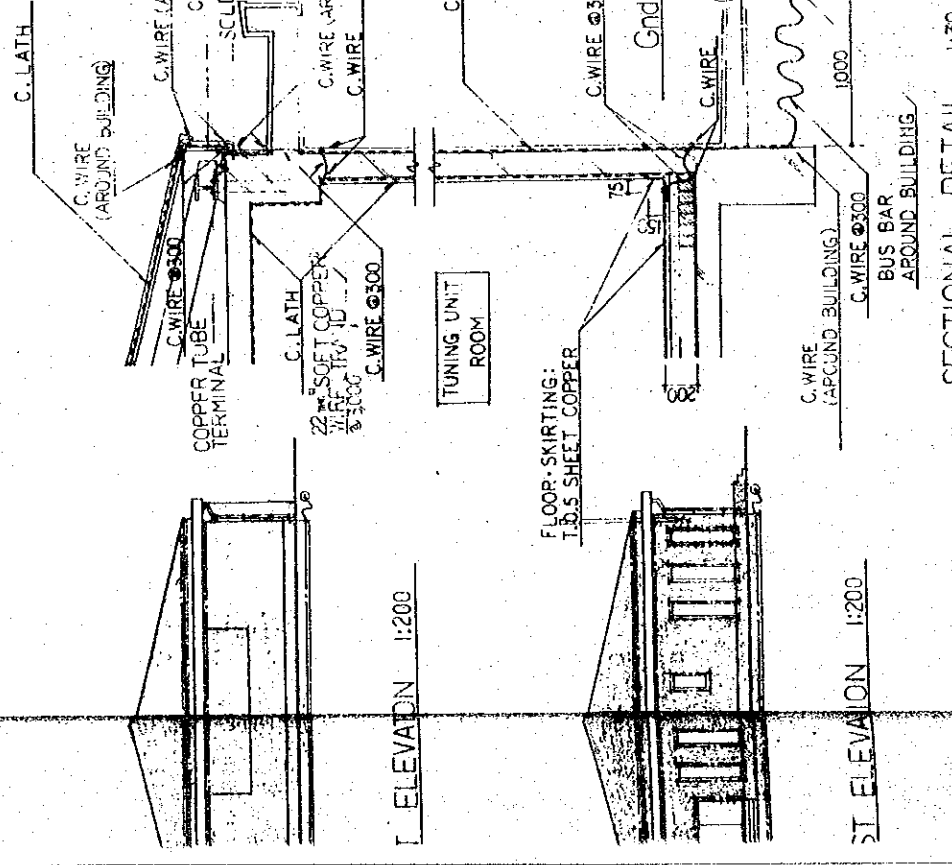
ROOF DRAIN (SOLDERED TO 2" C. WIRES)



BAR: 509



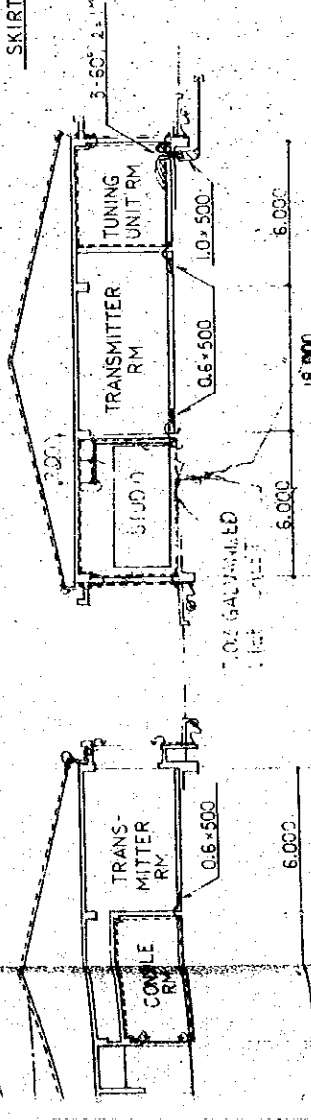
ROOF PLAN 1:200



ELEVATION 1:200

ST ELEVATION 1:200

SECTIONAL DETAIL 1:30



SECTION (2) 1:200

SECTION (3) 1:200

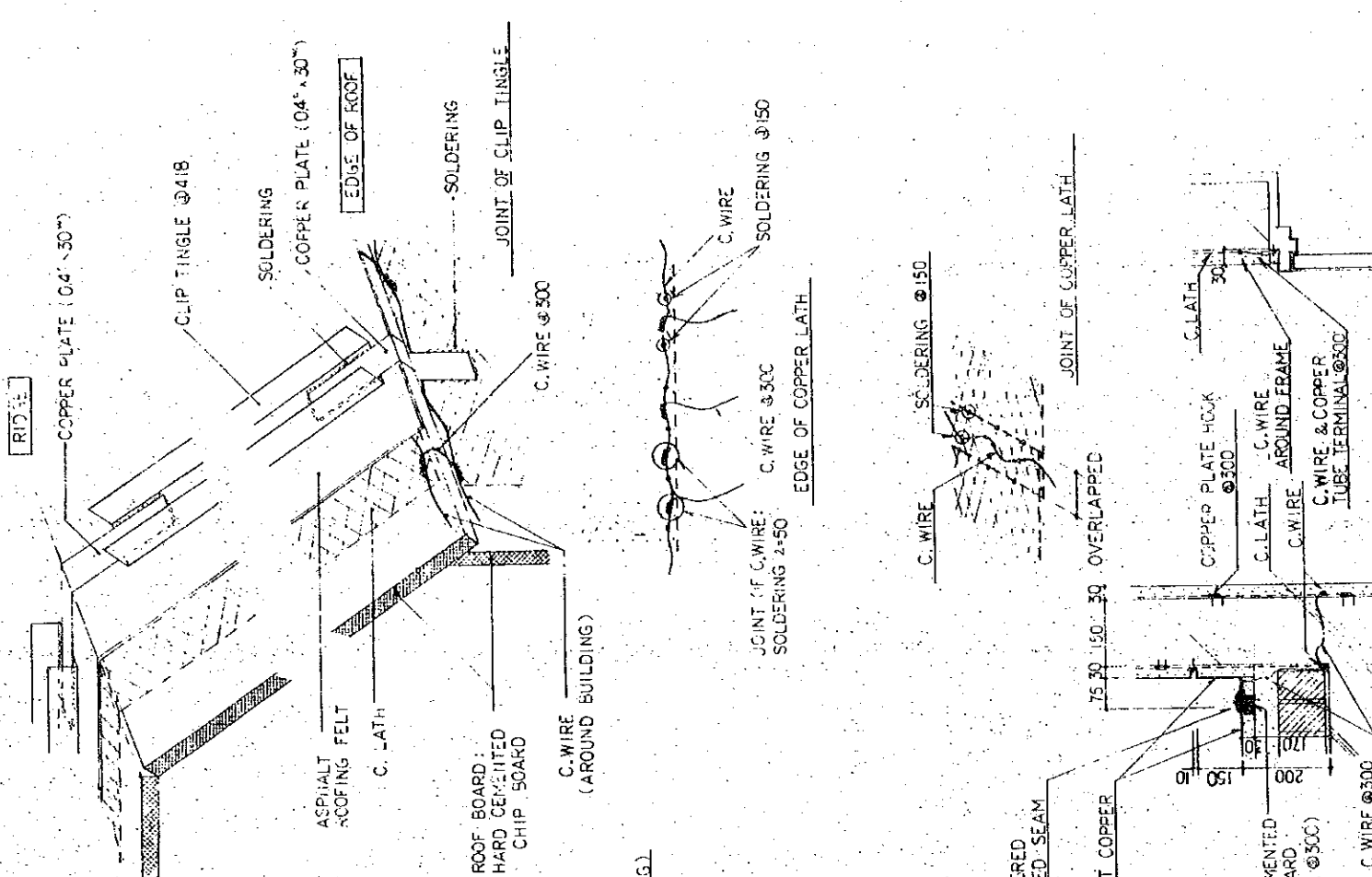
(PLAN) COPPER LATH (ELEVATION) (0.4" THICK x 18" MESH EXPANDED) (SECTION) DO. (AS REVOLUTION) C. LATH

20# SOFT COPPER WIRE 22# BUS BAR (50# COPPER WIRE STRAND) AROUND BUILDING

COPPER PLATE

20# SOFT COPPER WIRE OF A PASSING UNIT THROUGH A WALL ($\phi 300$)

20# SOFT COPPER WIRE TO BE CONNECTED WITH METAL AND OPENINGS FRAME BY COPPER TUBE TERMINAL



THE ESTABLISHMENT PROGRAMME		DRAWING NO.	A-322
MEDIUM WAVE BROADCASTING NETWORK		SCALE	1:200 mm
THE KINGDOM OF NEPAL		DATE	JAN. 1961
POKHARA TRANSMITTING STATION		TITLE OF DRAWING	
DETAIL OF SHIELDING			

GENERAL NOTES

1. DESIGN IS BY AIJ CODE (ISSUED BY ARCHITECTURAL INSTITUTE OF JAPAN)
 2. ALL STRUCTURAL WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS UNDER JAPANESE ARCHITECTURAL STANDARD SPECIFICATIONS (JASS) UNLESS OTHERWISE SPECIFIED OR NOTED.

3. REINFORCING STEEL SHALL CONFORM TO JIS G 3112 - 1975.

4. CONCRETE

- (1) TYPE IS NORMAL WEIGHT CONCRETE.
- (2) COMPRESSIVE STRENGTH AT 28 DAYS.

MATERIAL	STRENGTH AT 28 DAYS
REINFORCED CONCRETE	FC = 180 KG/CM ²
LEVELLING CONCRETE	FC = 150 KG/CM ²

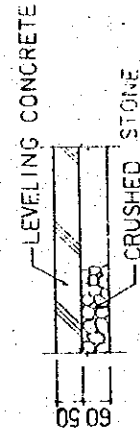
5. NOTE OF FOUNDATION

(1) FOOTING

TYPE ---- SQUARE FOOTING

SOIL BEARING CAPACITY --- 15 T/M² AND 20 T/M²

(2) FOUNDATION WORK



GENERAL RULES

1. BAR SYMBOLS

SYMBOLS	D10	D13	D16	D19	D22	D25
DIAMETERS	10	13	16	19	22	25
GRADE	SD30					
TYPE	DEFORMED BAR					

2. CONCRETE COVER OVER REINFORCEMENT (MM)

NOT IN CONTACT WITH THE GROUND	WITH FINISH		20
	SLAB WALL COLUMN	WITHOUT FINISH GIRDER BEAM	
EXPOSED TO EARTH <td>COLUMN GIRDER BEAM</td> <td>RETAINING WALL</td> <td>40</td>	COLUMN GIRDER BEAM	RETAINING WALL	40
	FOOTING		60

MIN. BAR SPACING

BAR SPACING "A" SHALL BE NOT LESS THAN THE GREATEST IN THE FOLLOWING THREE CASES.

- 1. A : 25 MM
- 2. A : 1.5d (d: DIAMETER OF REINFORCE BAR)
- 3. A : 1.25 TIMES THE MAX. SIZE OF COARSE AGGREGATE.

STANDARD HOOK DETAILS AND BAR BENDS END PORTIONS

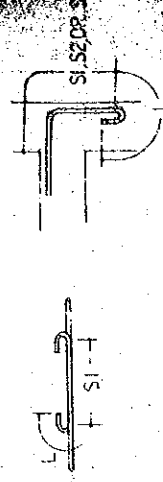
HOOK DETAILS	SD24	SD30	SD35	SD40	APPLICATION
160°	D 3d	4d	5d	5d	16MM DIA. BAR AND LARGER
135°	D 3d	4d	5d	5d	13MM DIA. BAR AND SMALLER
90°	D 3d	4d	5d	5d	T-AND L-SHAP STRIPS
135°	D 3d	4d	5d	5d	SPAYER BAR
90°	L 9d	8d	8d	10d	

INTERMEDIATE PORTIONS

BAR BENDS	SD24	SD30,35	APPLICATION
90°	D 5d	4d	HOOP AND STIRRUP
135°	D 5d	5d	16MM DIA. BAR AND SMALLER
	D 6d	6d	MAIN BARS LESS THAN 29MM IN DIAM. AND ORDER
	D 6d	6d	32MM DIA. BAR AND OVER IN COLUMN AND JOIST

MIN. LAP SPLICE AND EMBEDMENT LENGTHS

KIND OF CONCRETE (F _c /CM ²)	WITHOUT HOOK		WITH HOOK	
	SI S2	SI S3	SI S2	SI S3
SP24	—	—	—	400 300 250 150
SD30	≥ 190	450 350 250	≥ 100 300 250 150	150
SD35 SD40	≥ 210	500 400 250	≥ 100 350 300 150	150



- S1 : LAP SPLICE LENGTH AND EMBEDMENT LENGTH IN TENSION ZONE.
- S2 : EMBEDMENT LENGTH IN COMPRESSION ZONE.
- S3 : EMBEDMENT LENGTH FOR THE BOTTOM BARS SUB-BEAM AND FLOOR SLAB.

(L) HOOK SHALL BE NEGLECTED FOR THE CALCULATION OF THE ABOVE LENGTHS, SI S2, S3.

WELDED WIRE MESH

S ≤ 150MM, LSP ≤ 150MM, LSP



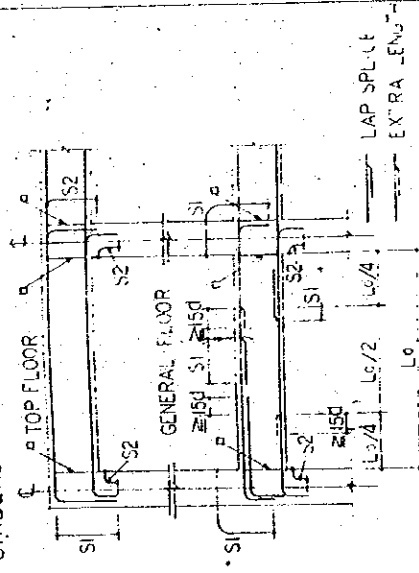
(i) LAP SPLICE (ii) FLOOR SLAB (iii) WALL

INTERVAL OF BAR SPLICES

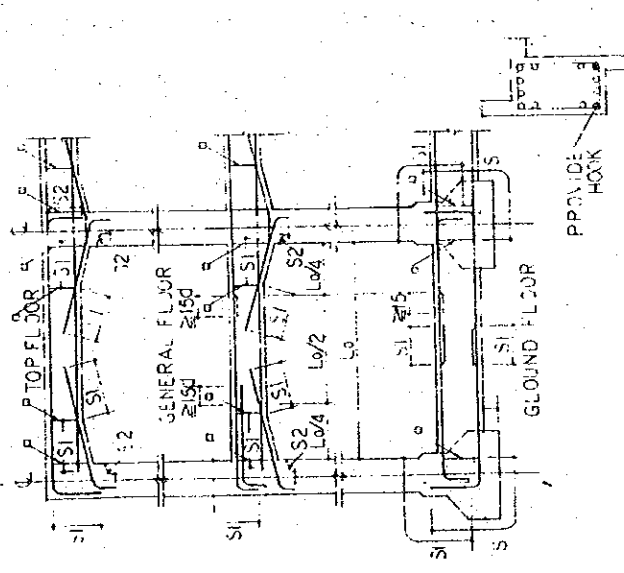
LAP SPLICE WITH HOOK	A ≥ 1.5	CASE "11" SHALL BE NEGLECTED IN PRINCIPLE.
LAP SPLICE WITHOUT HOOK	A ≥ 1.5	HOOK SHALL BE PROVIDED FOR BOTTOM BAR.
GAS PRESSURE WELDING	A ≥ 400MM	

GIRDERS AND BEAMS

SPLICES AND EMBEDMENTS
GIRDERS WITHOUT HAUNCH



GIRDERS WITH HAUNCH



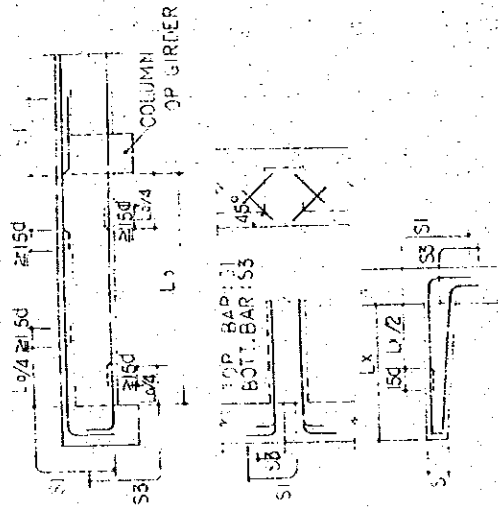
SPLICES OF REINFORCING BARS SHALL BE PROVIDED AT THE POSITION SHOWN IN THE ABOVE FIGS. HOOK SHALL BE PROVIDED AT THE END OF EVERY BOTTOM CORNER BAR IN GIRDER OR BEAM.

□ : STEEL BINDER
USE 1-D13 BAR AT BOTH ENDS OF GIRDER OR SUB-BEAM.

REINFORCING BARS SHALL BE ANCHORED OVER THE CENTER LINE OF COLUMNS.

SUB-BEAM AND CANTILEVER BEAM

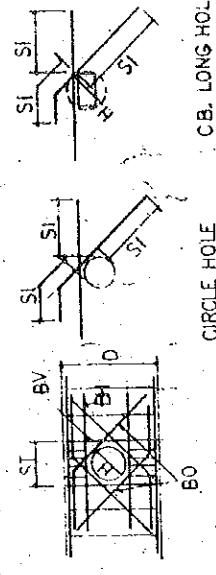
UNLESS OTHERWISE SHOWN BELOW, SUB-BEAM AND CANTILEVER BEAM SHALL CONFORM TO THE ABOVE CASE AD 2 - GIRDERS WITH/ WITHOUT HAUNCH.



CANTILEVER BEAM

REINFORCING AT SLEEVE HOLES OF GIRDER AND BEAM.

SLEEVE HOLES SHALL BE REINFORCED BY ADDITIONAL REBARS AS SHOWN IN TABLES BELOW. TYPE A, AND TYPE B.

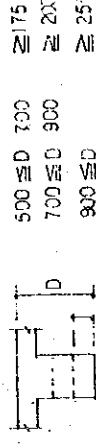


IN CASE $H < D/10$ AND $D < 100$ MM. NO. REINFORCEMENT IS REQUIRED AT THE HOLE.

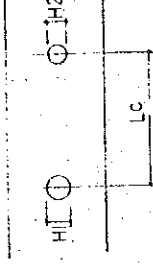
IN CASE $H < D/10$ AND $D \geq 100$ MM. B TYPE REINFORCEMENT SHALL BE APPLIED.

WHEN THE SHAPE OF HOLE IS NOT CIRCLE, "H" SHALL BE CALCULATED FROM ITS CIRCUMFERENCE.

SLEEVE HOLE SHALL BE POSITIONED AT THE CENTER OF BEAM DEPTH IN PRINCIPLE. DISTANCE BETWEEN SLEEVE HOLE AND THE BOTTOM OF BEAM SHALL BE AS FOLLOWS:



IN CASE A FEW HOLES ARE PROVIDED, THE DISTANCE BETWEEN HOLE CENTERS SHALL EXCEED THREE TIMES THE LARGER DIAMETER OF THE HOLES.



A TYPE (HED/4)

H	BO	BV	BH	ST
$H \leq 100$	2-2-D13	2-2-D13	-	-
$100 < H \leq 200$	4-2-D13	2-2-D13	2-2-D13	3-2-D13
$200 < H \leq 300$	4-2-D13	2-2-D13	2-2-D13	4-2-D13
$300 < H \leq 400$	4-2-D22	4-2-D13	2-2-D16	6-2-D13

NOTES

HOOK	S3
BEAM SLAB	5D
5D	150
5D	-
5D	-

1. S2 OR S3

LENGTH IN

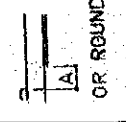
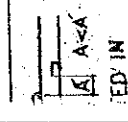
ZONE

M BARS OF

BE CALCULATED FROM ITS CIRCUMFERENCE



WALL



OR ROUND

THE BIDDING DOCUMENT PREPARED BY THE ENGINEERING NETWORK

KATHMANDU CENTER
KATHMANDU TRANSMITTING STATION
POKHARA TRANSMITTING STATION

S-101/S-201/S-301

STRANDED REINFORCED CONCRETE BAR

ARRANGEMENT (1)

JAN. 1981