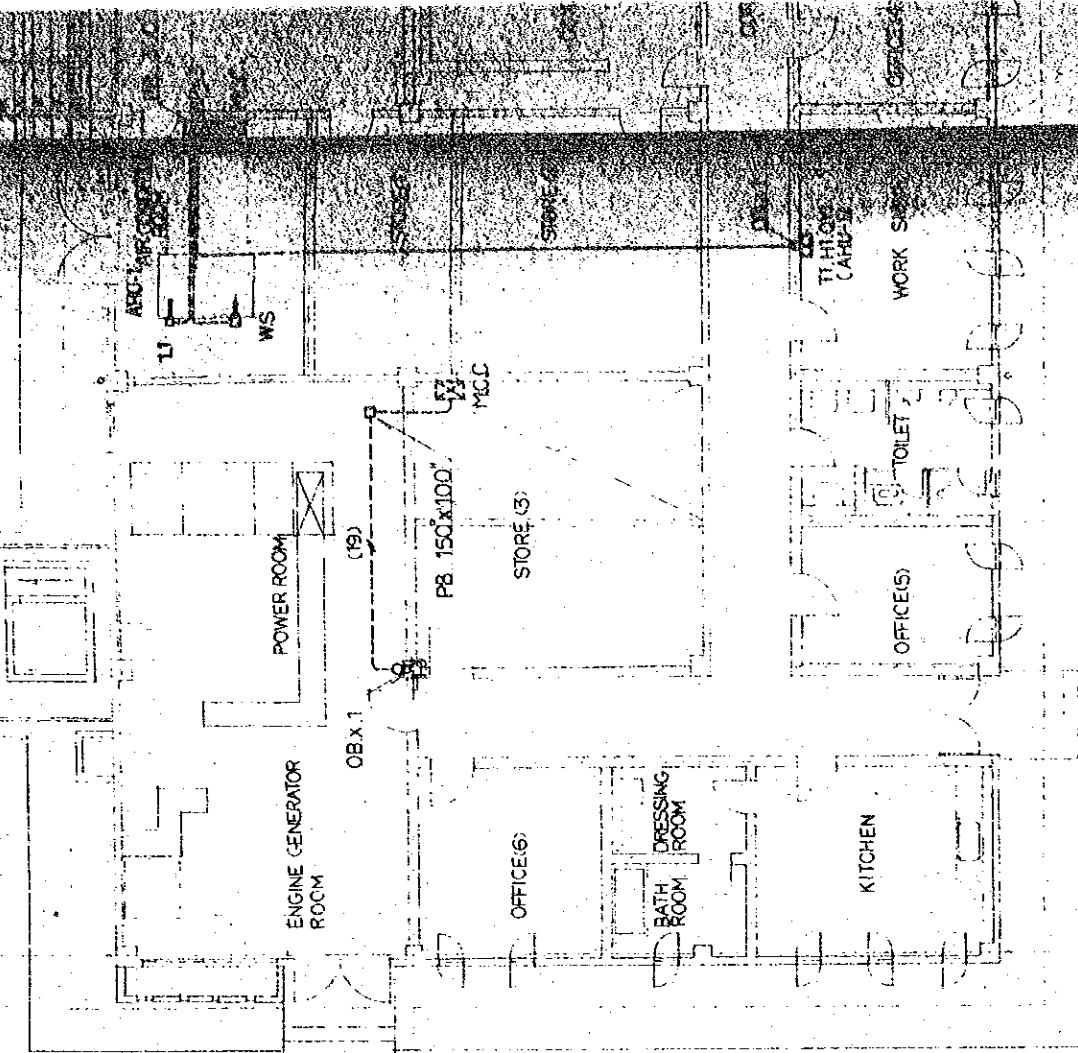


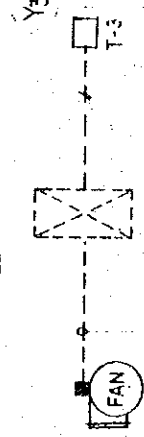
TRANSMITTER ROOM EXHAUST FAN TEMPERATURE CONTROL SYSTEM 1 SET

AHU-1 AIR HANDLING UNIT 1 SET



Y4

MOTOR CONTROL CENTER



(ELECTRIC WORK)

POWER ROOM EXH. FAN TEMPERATURE CONTROL SYSTEM 1 SET

Y2

Y1

(X1)

X2

X3

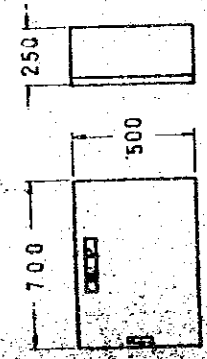
(X4)

GROUND FLOOR PLAN OF A.U.

TABLE OF CONTENTS

| MARK | NAME | TYPE NO | NOTE |
|--------|---------------------------|---------|------|
| T - 1 | ROOM TYPE THERMOSTAT | T9065A | |
| T - 3 | DITTO | T631A | |
| H - 1 | HUMIDISTAT | H615A | |
| L - 1 | LIMIT CONTROLLER | L4029E | |
| QY - 1 | THERMOSTAT MOUNTING PLATE | QY20A | |
| SC - 1 | STEP CONTROLLER | S435A | |
| M - 1 | MODULOR MOTOR | M904E | |
| TR - 1 | TRANSFORMERS | AT72J1 | |

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

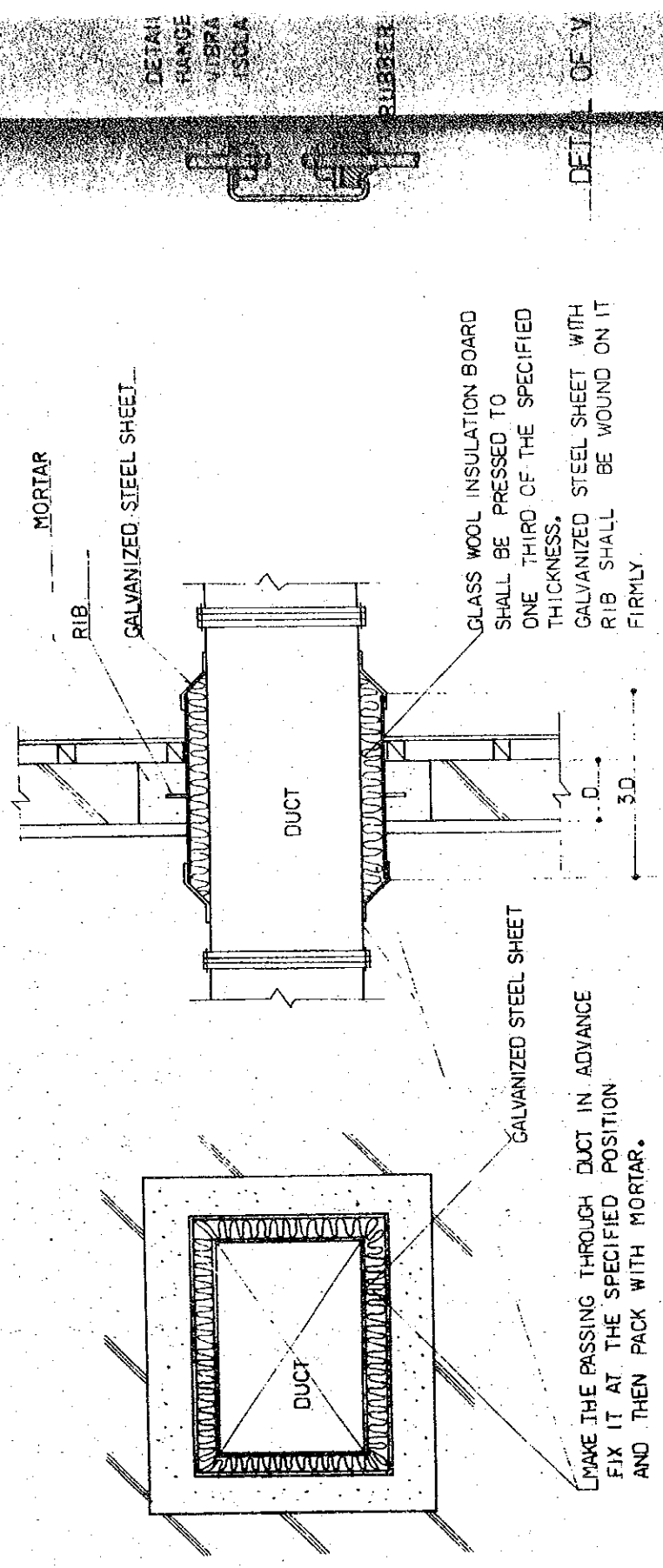


A.P - 3 1 SET
 AUTOMATIC CONTROL PANEL
 2 (19) U
 3 (19) M
 3 (19) U
 2 (19) U
 2 (19) U

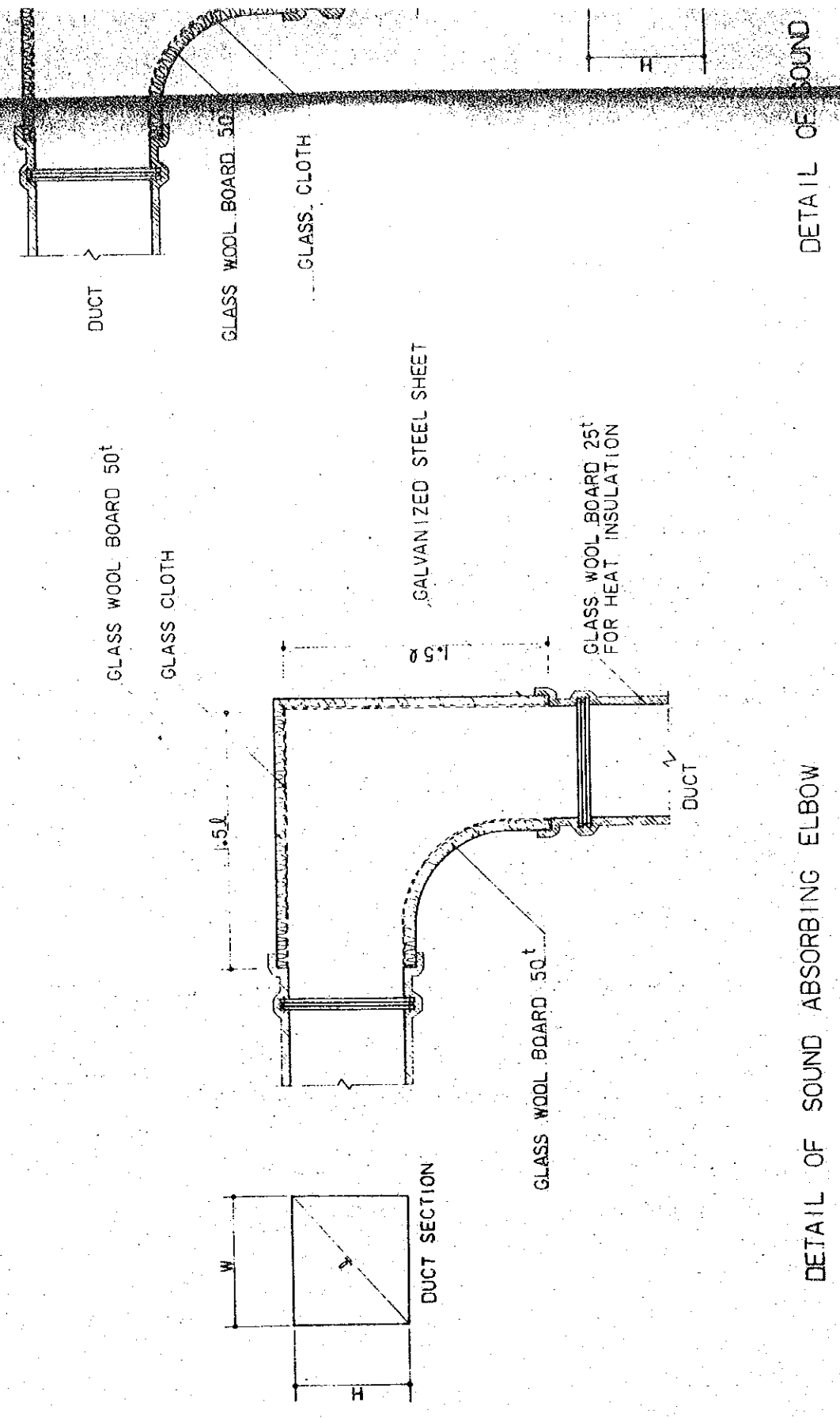


GROUND FLOOR PLAN OF AUTOMATIC CONTROL SYSTEM 1:100

| | | |
|---|--|----------------------|
| THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL | | DRAWING NO. H-205 |
| KATHMANDU TRANSMITTING STATION | | SCALE 1:100 |
| TITLE OF DRAWING DETAIL OF AUTOMATIC CONTROL & GROUND FLOOR PLAN OF AUTOMATIC CONTROL SYSTEM | | UNIT mm |
| | | DATE JAN 1981 |

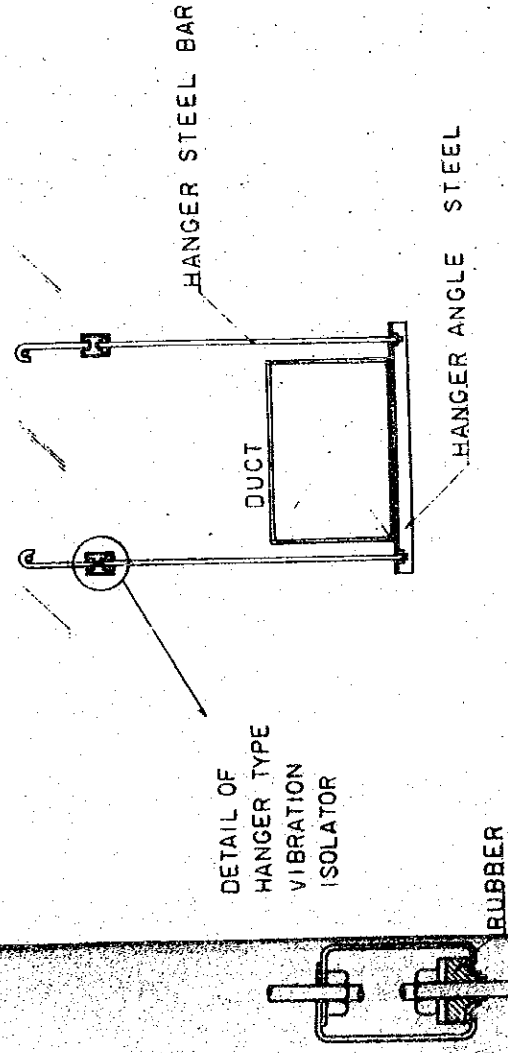


DETAIL OF DUCT PASSING THROUGH THE STRUCTURAL WALL OF STUDIO, SUB-CONTROL ROOM, BUILDING EQUIPMENT ROOM, & AIR CONDITIONER ROOM.

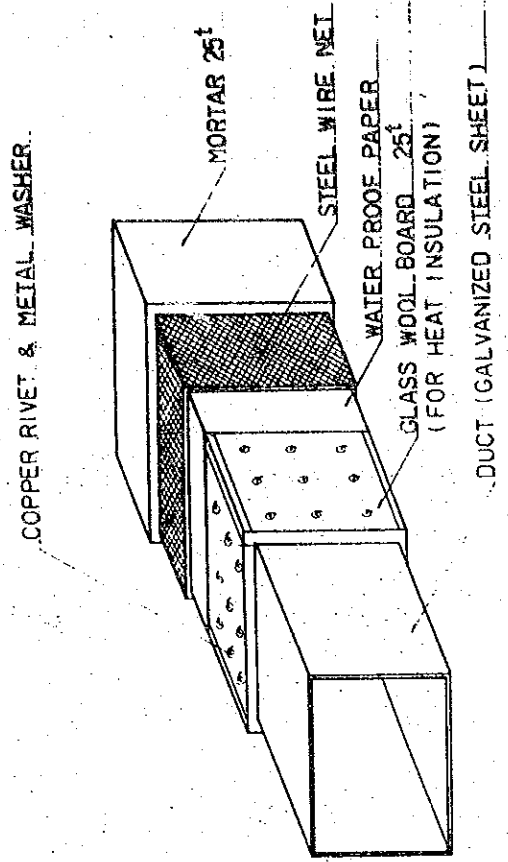


DETAIL OF SOUND ABSORBING ELBOW

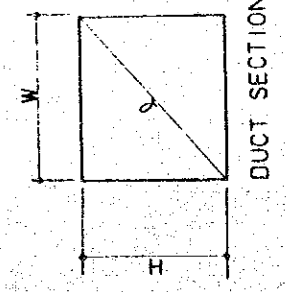
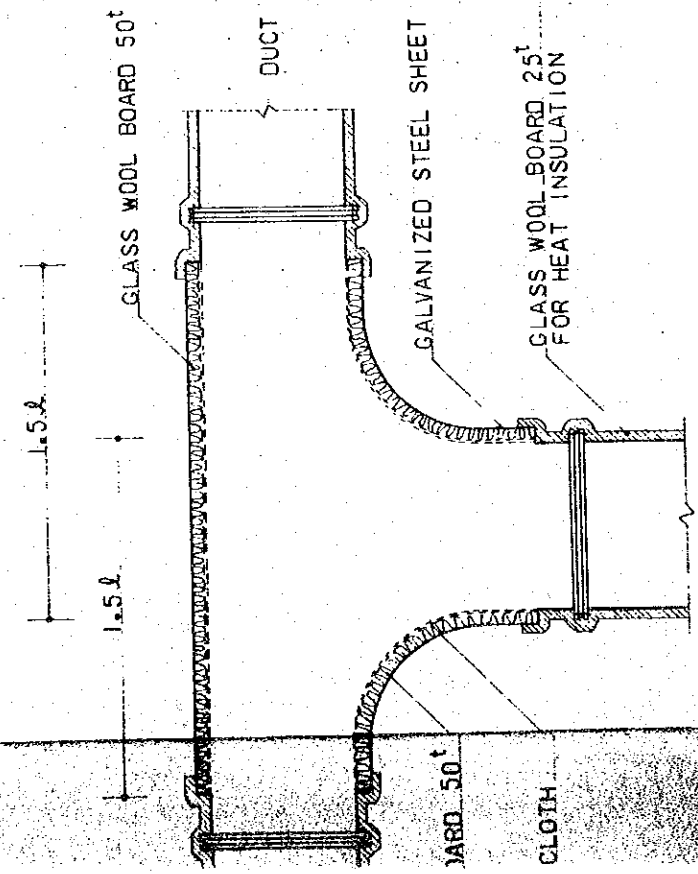
DETAIL OF SOUND



DETAIL OF VIBRATION PROTECTION FOR DUCT

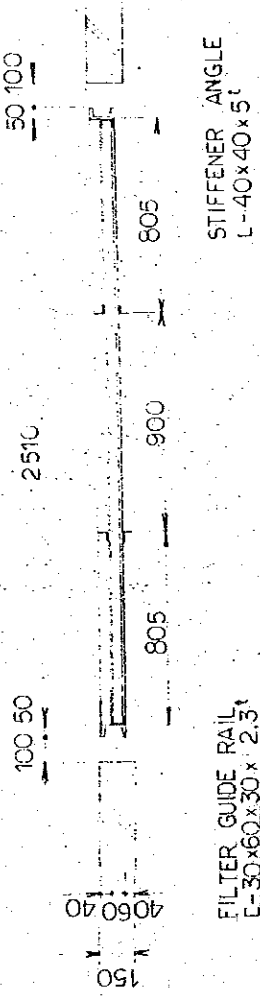


DETAIL OF SOUND PROOF DUCT



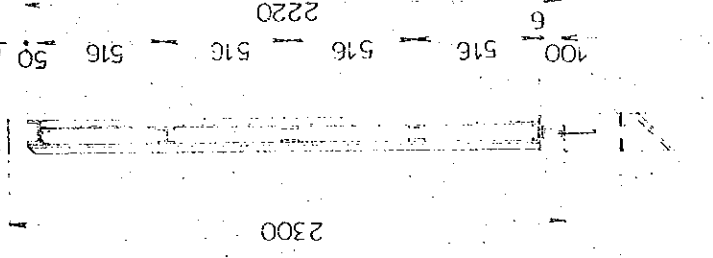
DETAIL OF SOUND ABSORBING TEE

| | | |
|--|--|-------------------------------|
| THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK | | DRAWING NO. H-206 H-305 |
| THE KINGDOM OF NEPAL | | SCALE — |
| KATHMANDU TRANSMITTING STATION POKHARA TRANSMITTING STATION | | UNIT M/M |
| TITLE OF DRAWING DETAIL OF VIBRATION PROTECTION & SOUND ABSORBING DUCT | | DATE JAN 1981 |

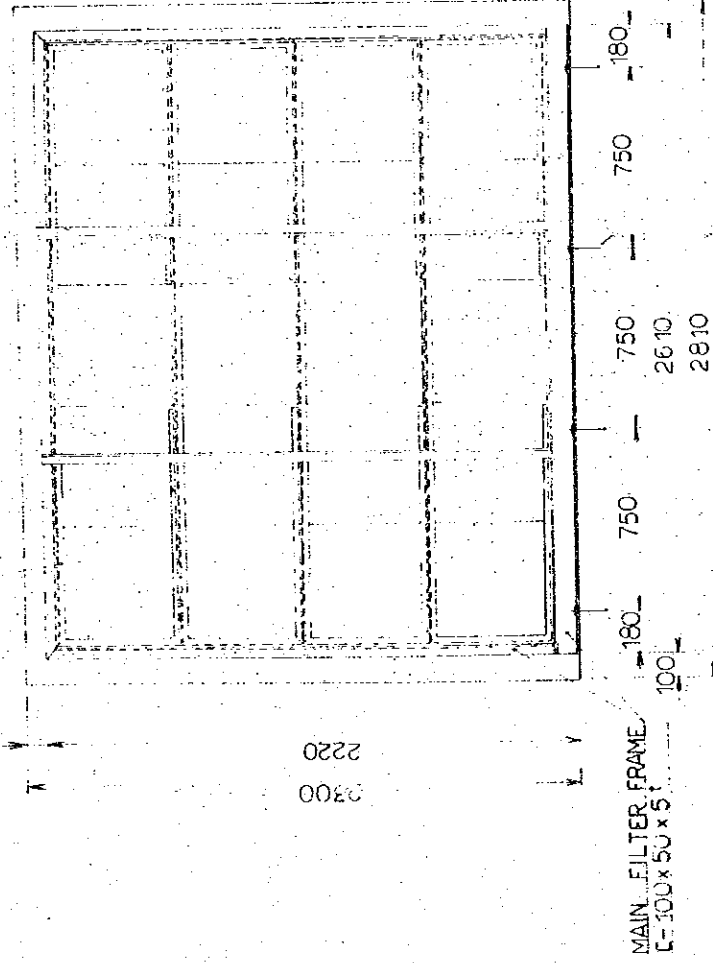


FILTER GUIDE RAIL
L-30x60x30 x 2.3t

STIFFENER ANGLE
L-40x40 x 5t

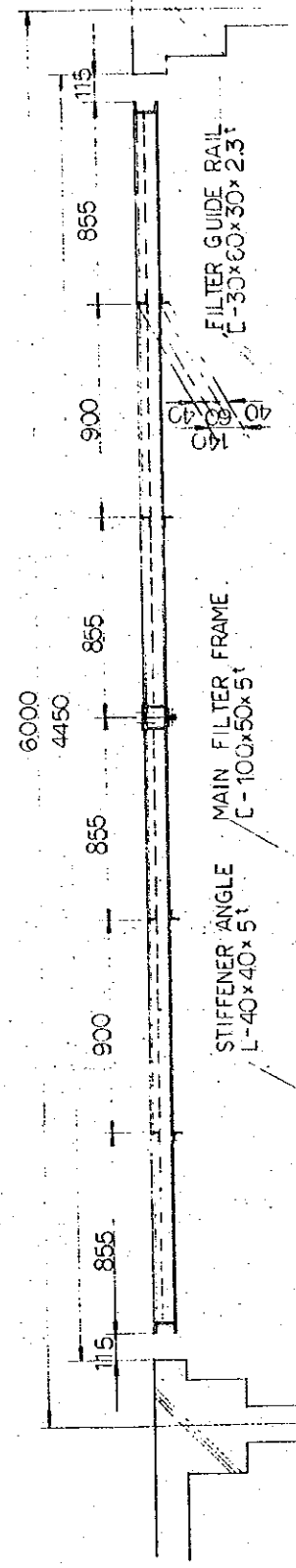


VENTILATING AIR FILTER
TYPE : VILEDON UNIT AIR FILTER
FILTER ELEMENT VILEDON
4 x 5 = 20 PCS.



MAIN FILTER FRAME
L-100x50 x 5t

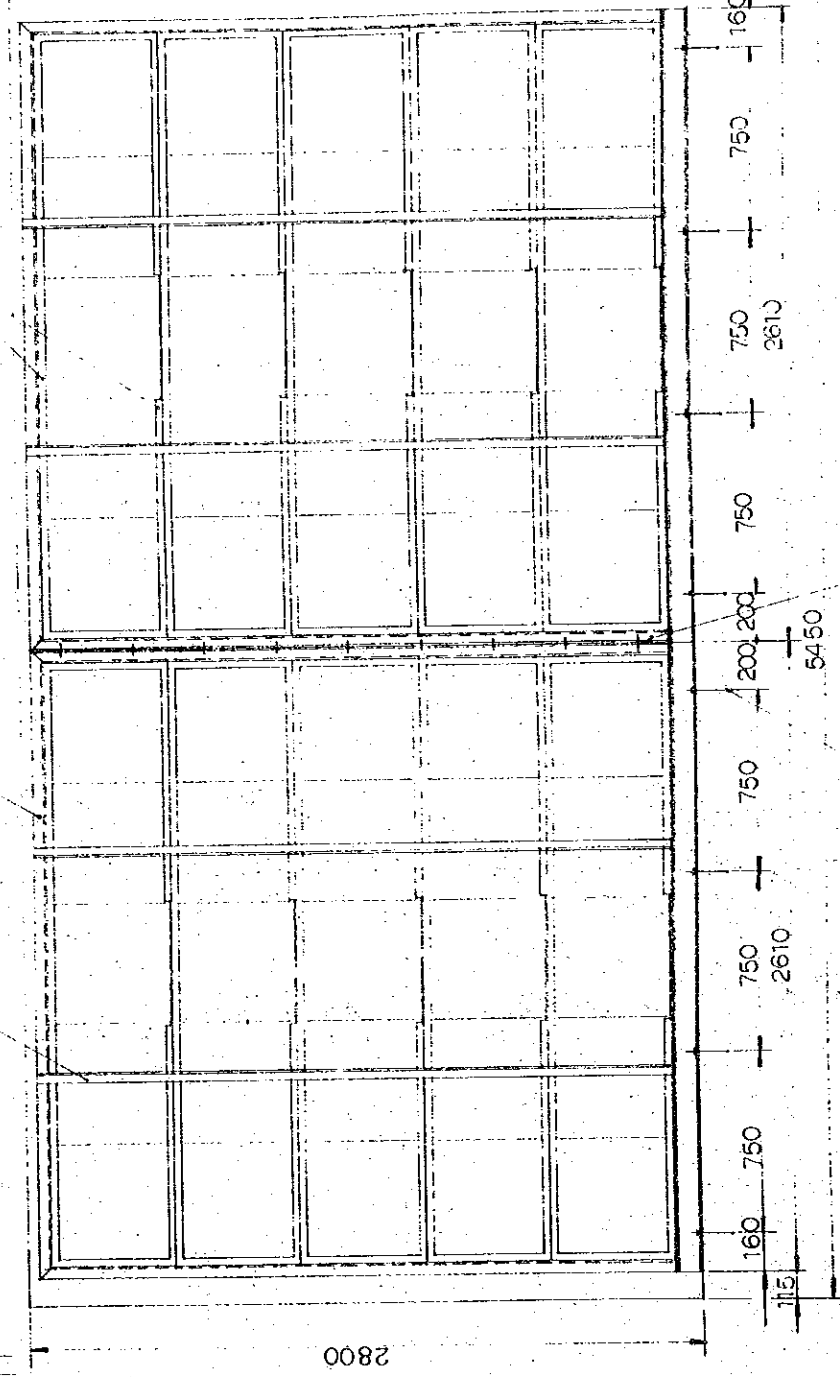
ANCHOR BOLTS & NUTS
M12 x 150L x 4 PCS.



STIFFENER ANGLE
L-40x40 x 5t

MAIN FILTER FRAME
L-100x50x5t

FILTER GUIDE RAIL
L-30x60x30 x 2.3t



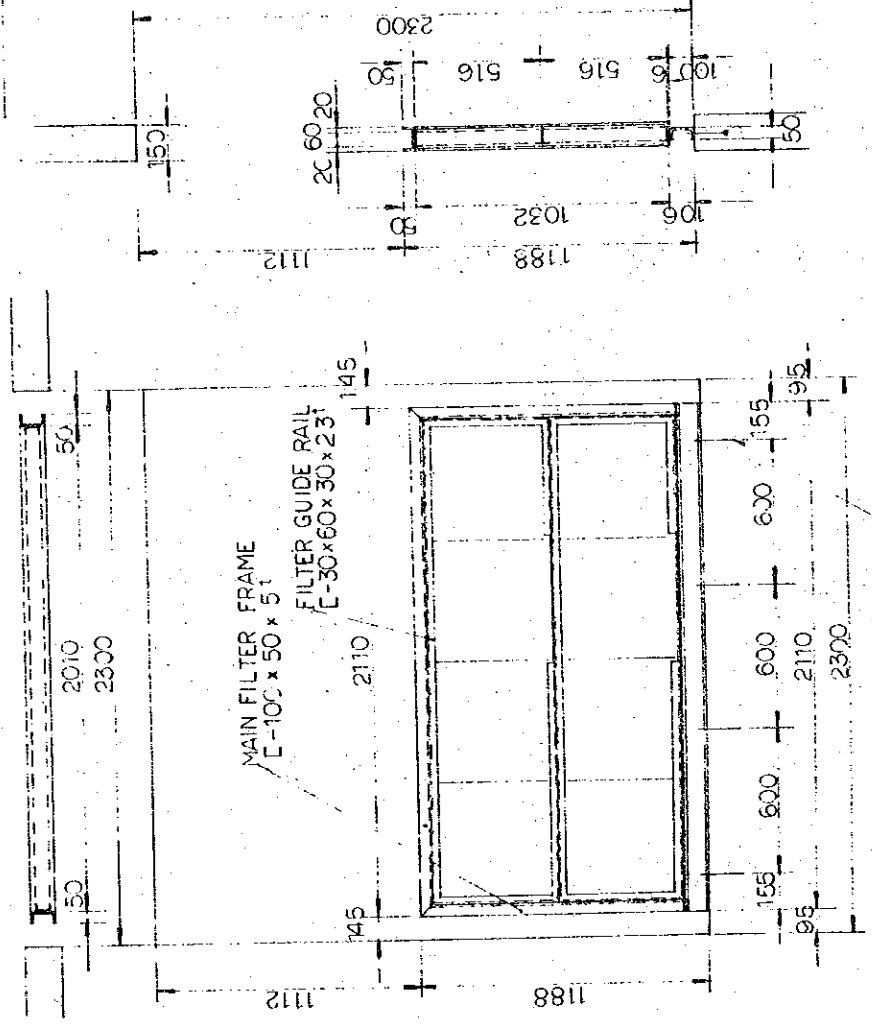
ANCHOR BOLTS & NUTS
M12 x 150L 10 PCS.

CONNECTING ANGLE
L-40x40 x 5t

VENTILATING AIR FILTER
TYPE : VILEDON UNIT AIR FILTER VB-S
FILTER ELEMENT VILEDON PS-600
5 x 10 = 50 PCS.

AIR FILTER
 UNIT AIR FILTER VB-S
 ELEMENT VILEDON PS-600
 20 PCS

VENTILATING AIR FILTER
 TYPE VILEDON UNIT AIR FILTER V3-S
 FILTER ELEMENT VILEDON PS-600
 2 x 4 = 8 PCS



NOTE
 FOR AIR FILTERS, AS MANY FRAMES AS EQUAL TO 10% OF THE NUMBER OF UNITS IN SERVICE
 AND AS MANY FILTERS AS EQUAL TO 100% OF THE NUMBER OF UNITS IN SERVICE.

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

KATHMANDU TRANSMITTING STATION
POKHARA TRANSMITTING STATION

TITLE OF DRAWING: **DETAIL OF AIR FILTER**

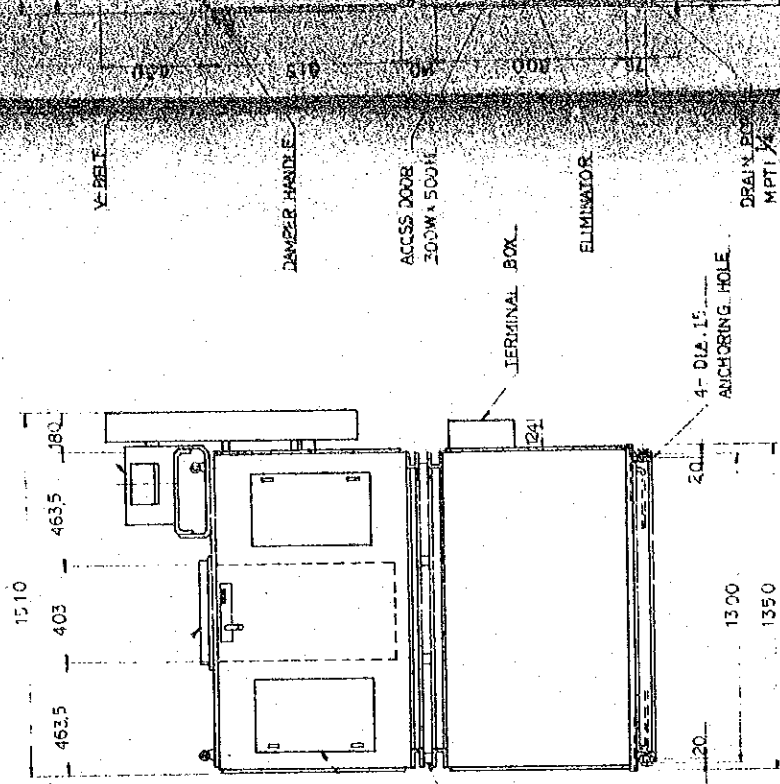
| | |
|----------------------|------------|
| DRAWING NO. H-207 | UNIT mm |
| SCALE | DATE |
| JAN' 1981 | |

SUPPLY AIR DUCT
CONNECTING FLANGE
40x40x3

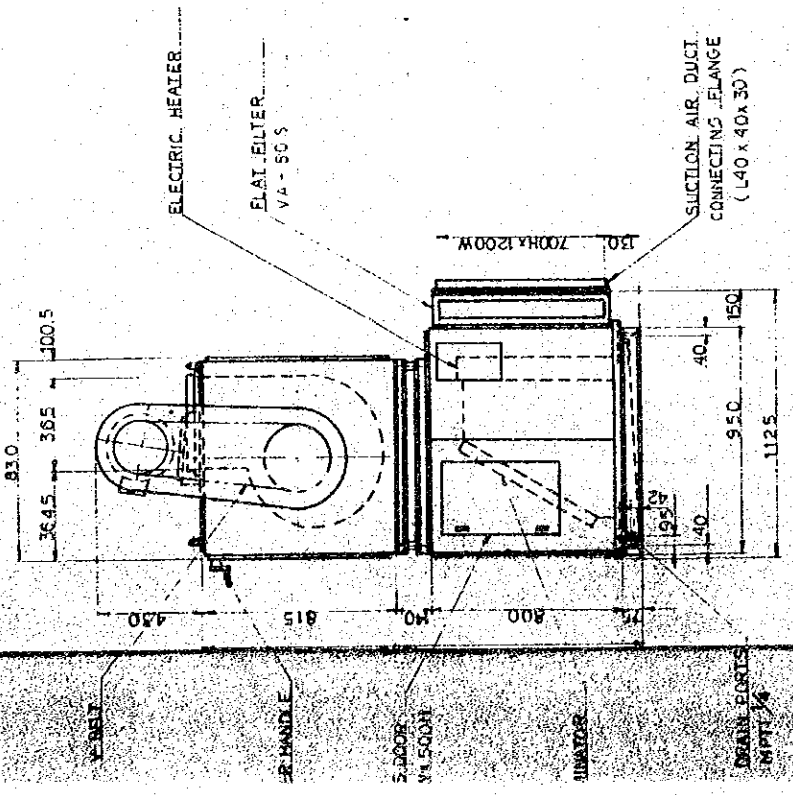
ACCESS DOOR
300W x 500H

VIBRATION ISOLATOR
(RUBBER)

MOTOR



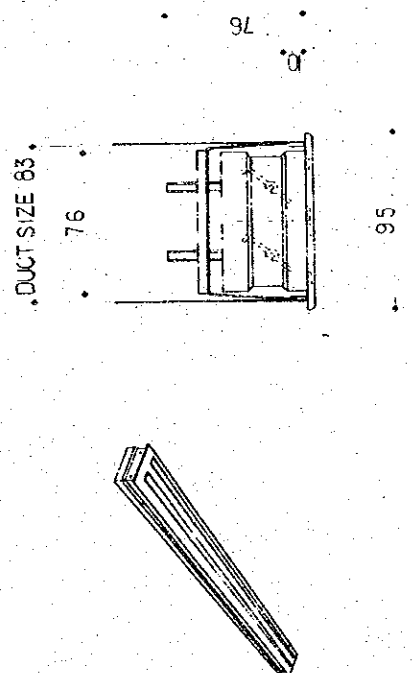
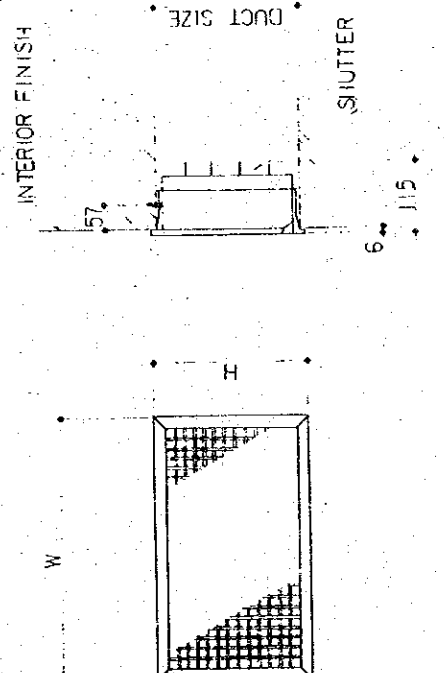
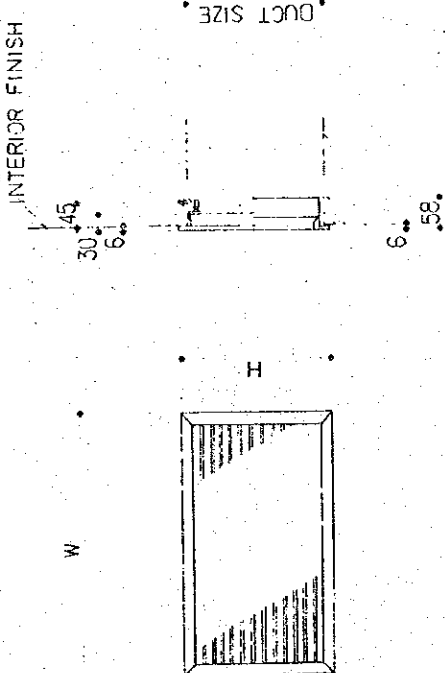
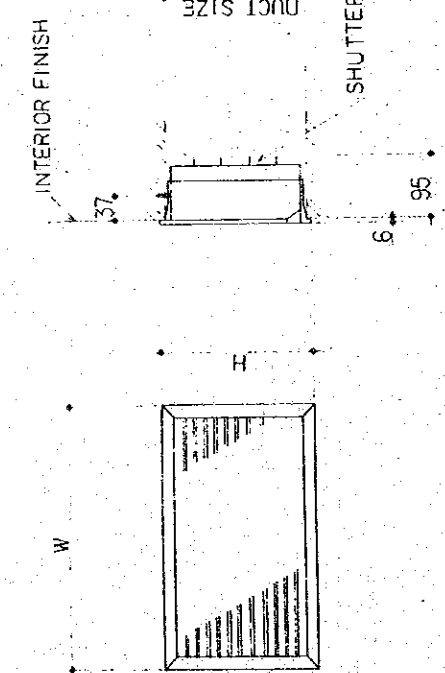
AIR HANDLING UNIT



UNIT

| | | |
|--|--|----------------------|
| THE KINGDOM OF NEPAL MEDIUM WAVE BROADCASTING NETWORK KATHMANDU TRANSMITTING STATION | | DRAWING NO. H-208 |
| TITLE OF DRAWING DETAIL OF AIR HANDLING UNIT | | SCALE --- |
| | | DATE JAN 1981 |

| TYPE | DETAIL | W x H (MM) | NUMBER | ROOM TO BE INSTALLED |
|----------|--------|------------|---------------------------------|---|
| C-2-12.5 | | | 1 | DRESSING ROOM |
| C-2-25 | | | 1 1 1 1 1 2 2 | OFFICE (1) " (2) " (3) " (4) " (5) " (6) WORK SHOP KITCHEN |

| ATTENTION | T.Y.P.E | DETAIL | W x H (MM) (LENGTH) | NUMBER | ROOM TO BE INSTALLED IN |
|-----------|---------|---|--|-----------------------|---|
| | BL - D |  <p>DUCT SIZE 83 76 95</p> | L = 2000 L = 1000 | 1 1 | ENTRANCE HALL SUB-ENTRANCE HALL |
| | V H S |  <p>INTERIOR FINISH DUCT SIZE SHUTTER 57 6 115</p> | 250 x 150 | 1 | CONSOLE ROOM |
| | H |  <p>INTERIOR FINISH DUCT SIZE SHUTTER 45 30 6 58</p> | 800 x 750 450 x 450 750 x 250 300 x 250 | 1 1 1 3 1 | CORRIDOR CONSOLE ROOM TRANSMITTER ROOM ENGINE GENERATOR ROOM & POWER ROOM AIR CONDITIONER ROOM |
| | H S |  <p>INTERIOR FINISH DUCT SIZE SHUTTER 37 6 95</p> | 500 x 250 | 2 | CONSOLE ROOM |

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

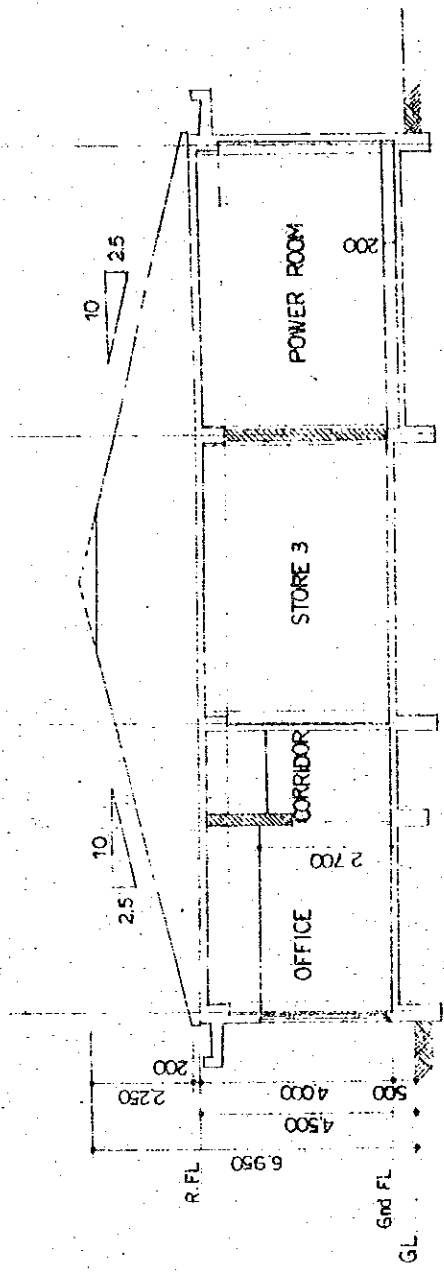
KATHMANDU TRANSMITTING STATION

DRAWING NO. H-209

SCALE ——— mm

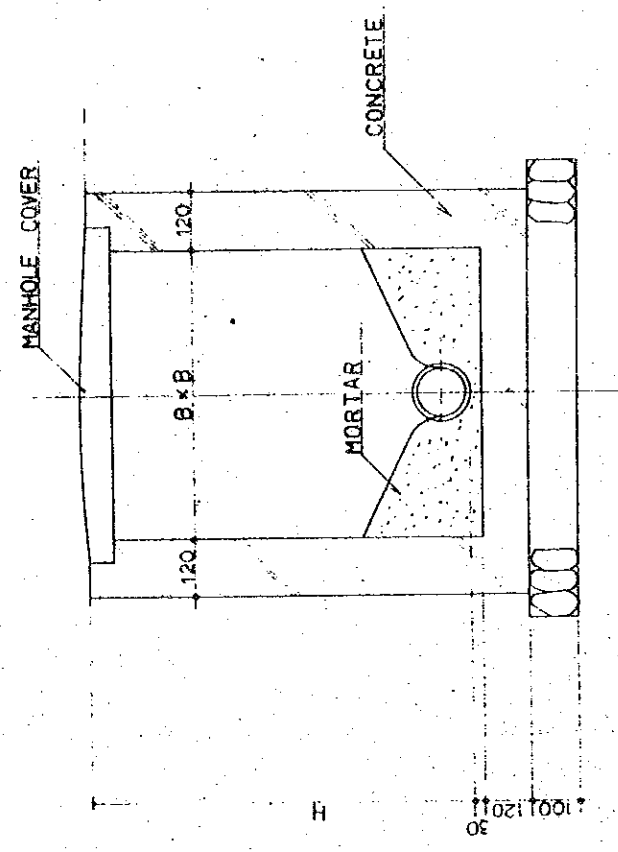
DATE: JAN' 1981

TITLE OF DRAWING
DETAILS OF OUTLET & INLET

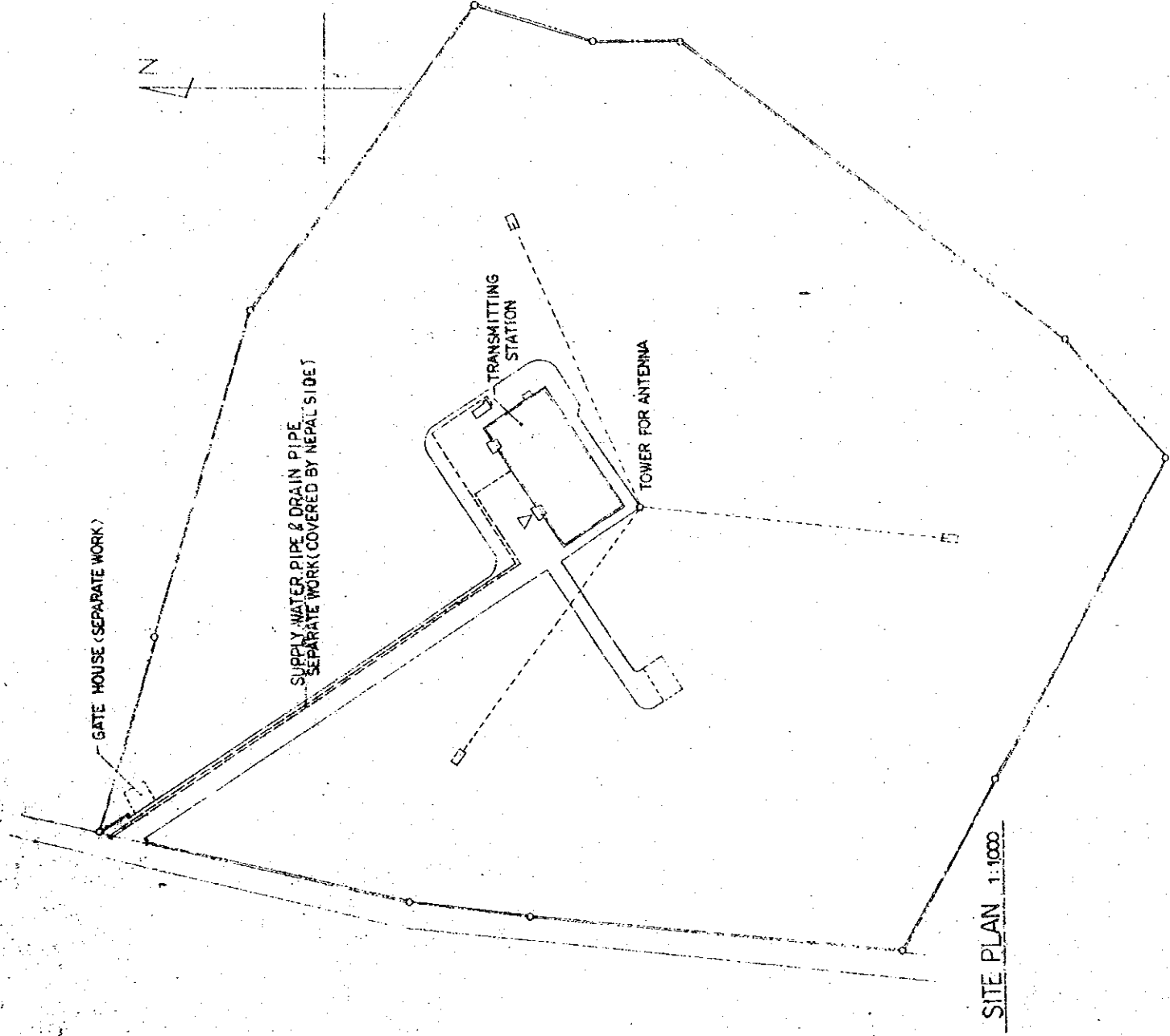


Y1 Y2 Y3 Y4

SECTION 1:100



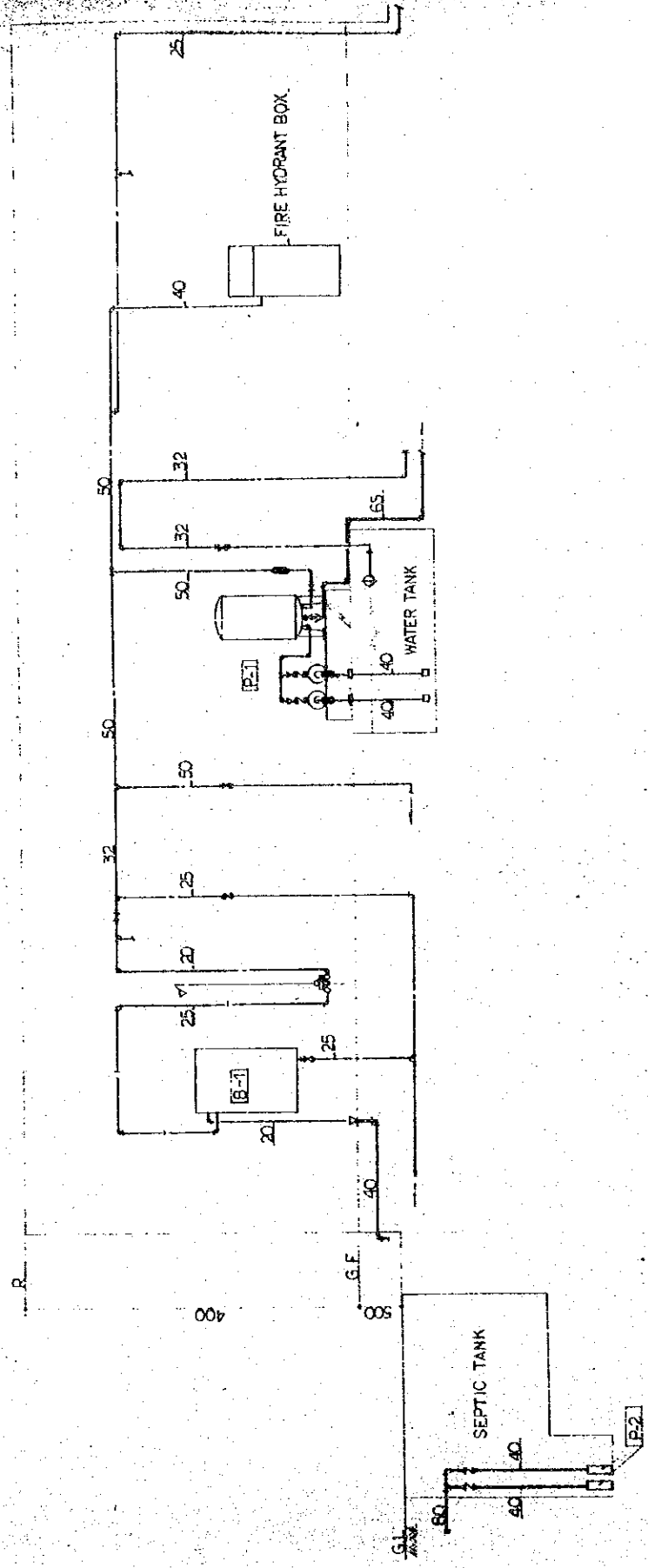
DETAIL OF PIT



| | | | |
|---|--|------------------------|------------|
| THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL | | DRAWING NO. P - 201 | |
| KATHMANDU TRANSMITTING STATION | | SCALE 1:100 | UNIT mm |
| TITLE OF DRAWING SITE PLAN, DETAIL OF PIT & BUILDING SECTION | | DATE JAN' 1981 | |

LEGEND

| SYMBOL | ITEM | REMARKS | SYMBOL | ITEM | REMARKS |
|--------|----------------|---|--------|------------------|---------|
| — | WATER PIPE | POLYVINYLCHLORIDE L.P. JISG3452R K6742 | ⊙ | FLUSH VALVE | |
| — | HOT WATER PIPE | COPPER PIPE | ⊙ | FLOOR DRAIN | |
| — | SOIL PIPE | CAST IRON PIPE MECHANICAL TYPE | ⊙ | CLEAN OUT | |
| — | DRAIN PIPE | GALVANIZED STEEL PIPE JISG3452 | ⊙ | WASTE FITTING | |
| — | VENT PIPE | DITTO | —C— | VENT CAP | |
| — | OIL PIPE | GAS STEEL PIPE JISG3452 | ⊙ | SOIL PIT | |
| — | DRAIN PIPE | LEAD PIPE | ⊙ | WASTE PIT | |
| — | VENT PIPE | POLYVINYL-CHLORIDE PIPE | — | FIRE HYDRANT BOX | |
| — | DRAIN PIPE | CONCRETE PIPE | | | |
| — | GATE VALVE | | | | |
| — | CHECK VALVE | | | | |
| — | FLEXIBLE JOINT | | | | |
| ⊠ | FAUCET | | | | |
| | | WATER | | | |

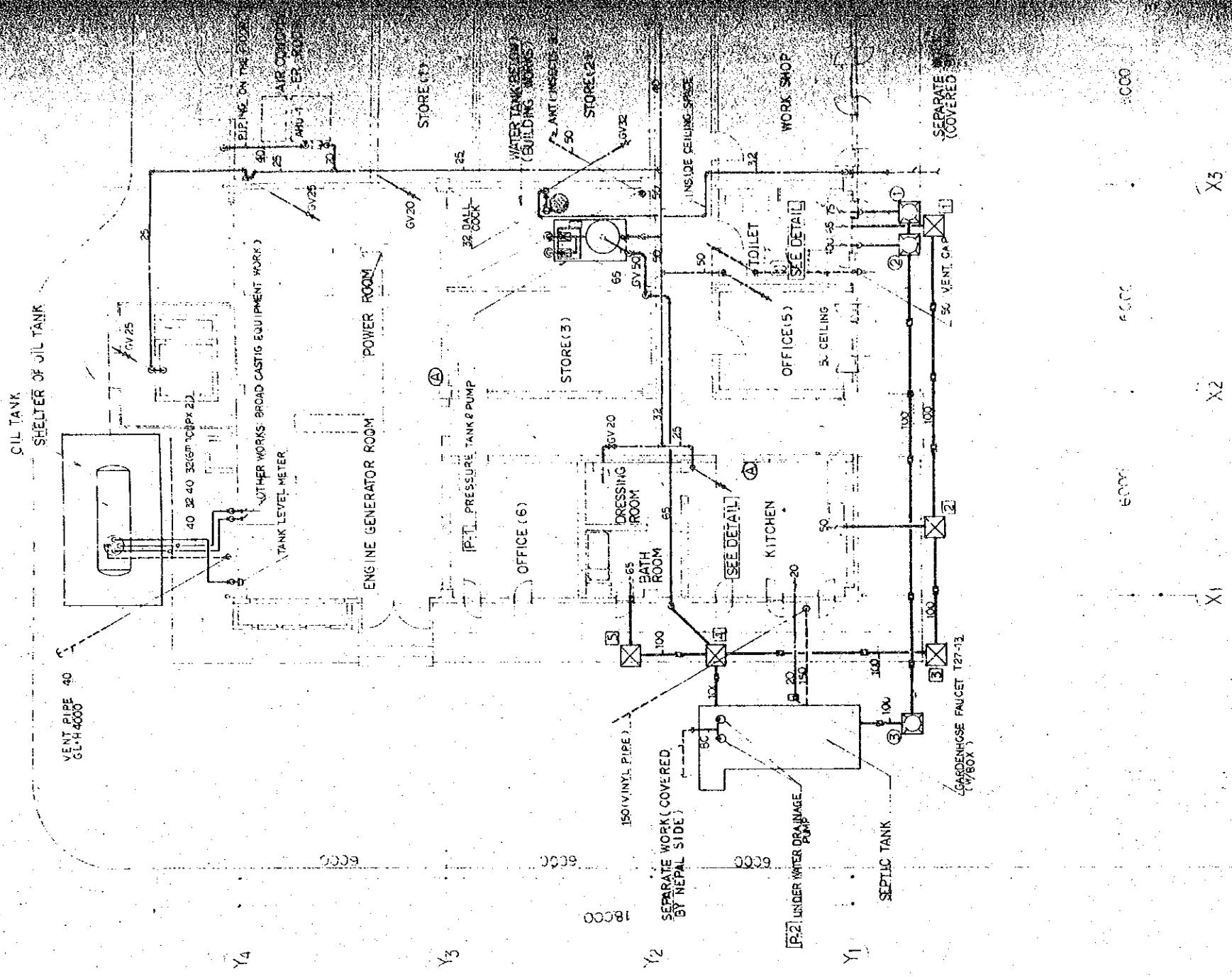


FLOW DIAGRAM

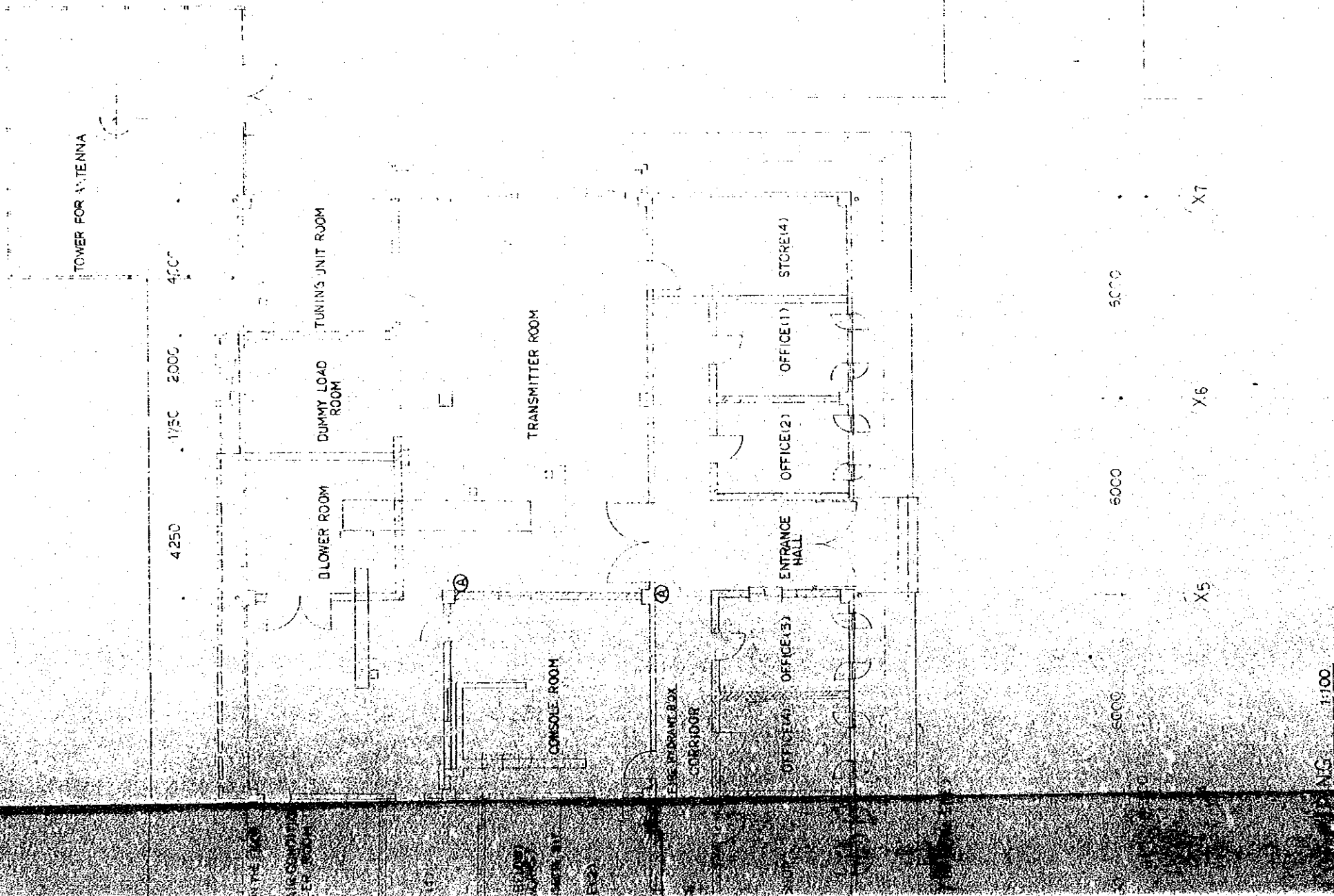
| LIST OF IMPLEMENT | | | | | | | | | |
|-------------------|------------------|---------|--------|-----------|---------------|---------|---------|-------|--|
| ITEM | TYPE | REMARKS | TOILET | BATH ROOM | DRESSING ROOM | KITCHEN | OUTSIDE | TOTAL | |
| CLOSET | C-14, T.V150NP | | 1 | | | | | 1 | |
| CLOSET | C-97V, T-150NWW4 | | 1 | | | | | 1 | |
| URINAL | U-57, T60P | | 2 | | | | | 2 | |
| LAVATORY | L-250D | | 2 | | 1 | | | 3 | |
| SINK | SK-22A | S-TRAP | 1 | | | | | 1 | |
| MIRROR | TS119AS5 | | 2 | | 1 | | | 3 | |
| SHOWER SET | TGM 140CF | | | 1 | | | | 1 | |
| SWING FAUCET | T-130AR-13 | | | | | 1 | | 1 | |
| GARDENHOSE FAUCET | T27-13(W/BOX) | | | | | | 1 | 1 | |
| FLOOR DRAIN | 50T5A | | 1 | | | | | 2 | |
| WASTE FITTING | 50T-3C | | | 1 | | | | 1 | |
| SINK DRAIN | 40-BLM-A | | | | | 1 | | 1 | |
| CLEAN-OUT | 100COA | | 1 | | | | | 1 | |
| | 80COA | | | | | | | 2 | |
| | 65COA | | 1 | | 1 | | | 1 | |
| | 50COA | | | | | 1 | | 1 | |

| LIST OF EQUIPMENT | | | | | | | |
|-------------------|---------------------------|---|-------|-------|------|-----|----------------------------------|
| NO. | ITEM | PARTICULARS | Q'TY | PHASE | VOLT | KW | REMARKS |
| P-1 | PRESSURE TANK & PUMP | PRESSURE TANK 500 ^l 2 ~ 32 ^l /cm ² PUMP 40A x2 QUANTITY 150 ^l /min | 1 SET | 3 | 400 | 2.2 | CONCRETE BASE (1200x2100x300H) |
| P-2 | UNDER WATER DRAINAGE PUMP | BORE 40A QUANTITY 100 ^l /min HEAD 15m | 2 | 3 | 400 | 1.5 | |
| B-1 | ELECTRIC WATER HEATER | CAPACITY 25 ^l C UP 17.2 ^l /min | 1 | 3 | 400 | 30 | |

| | |
|---|-------------------|
| THE ESTABLISHMENT PROGRAMME | |
| MEDIUM WAVE BROADCASTING NETWORK | |
| IN | |
| THE KINGDOM OF NEPAL | |
| KATHMANDU BROADCASTING STATION | DRAWING NO. P-202 |
| POMPIGA TRANSMITTING STATION | P-502 |
| TITLE OF DRAWING | SCALE |
| LIST OF EQUIPMENT & IMPLEMENT | DATE |
| LEGEND & FLOW DIAGRAM FOR PLUMBING | JAN 1981 |



GROUND FLOOR PLAN OF BUILDING



LIST OF PIT

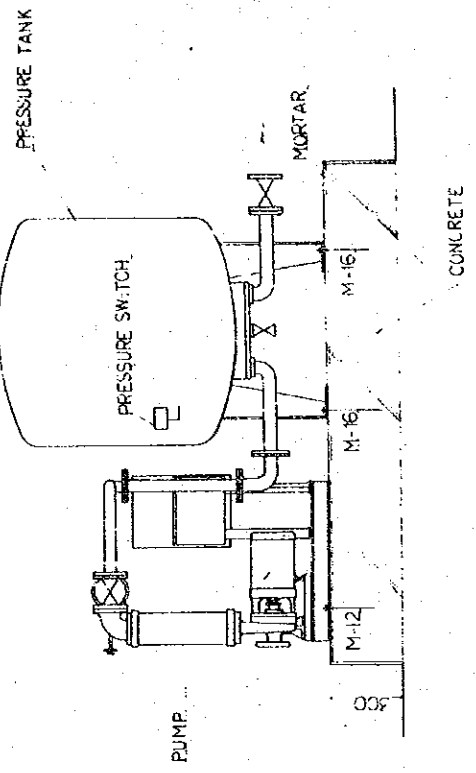
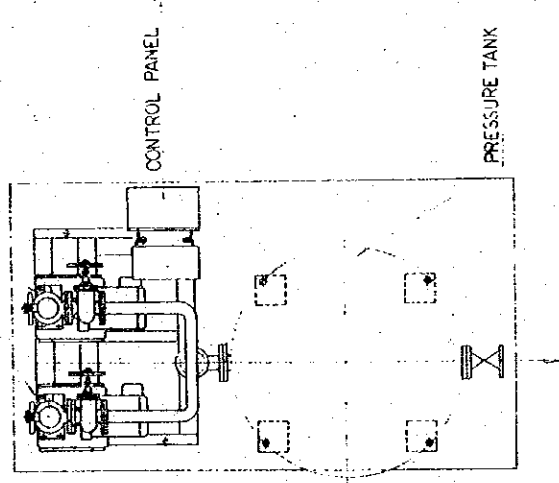
| SOIL PIT | | |
|----------|-----------------|--------------------|
| NO | SIZE | MANHOLE COVER SIZE |
| ① | 450 x 450 x 580 | 450° |
| ② | 450 x 450 x 580 | |
| ③ | 450 x 450 x 700 | |

| WASTE PIT | | |
|-----------|-----------------|--------------------|
| NO | SIZE | MANHOLE COVER SIZE |
| ① | 450 x 450 x 600 | 450° |
| ② | 450 x 450 x 690 | |
| ③ | 600 x 600 x 840 | 500° |
| ④ | 600 x 600 x 900 | |
| ⑤ | 450 x 450 x 500 | 450° |

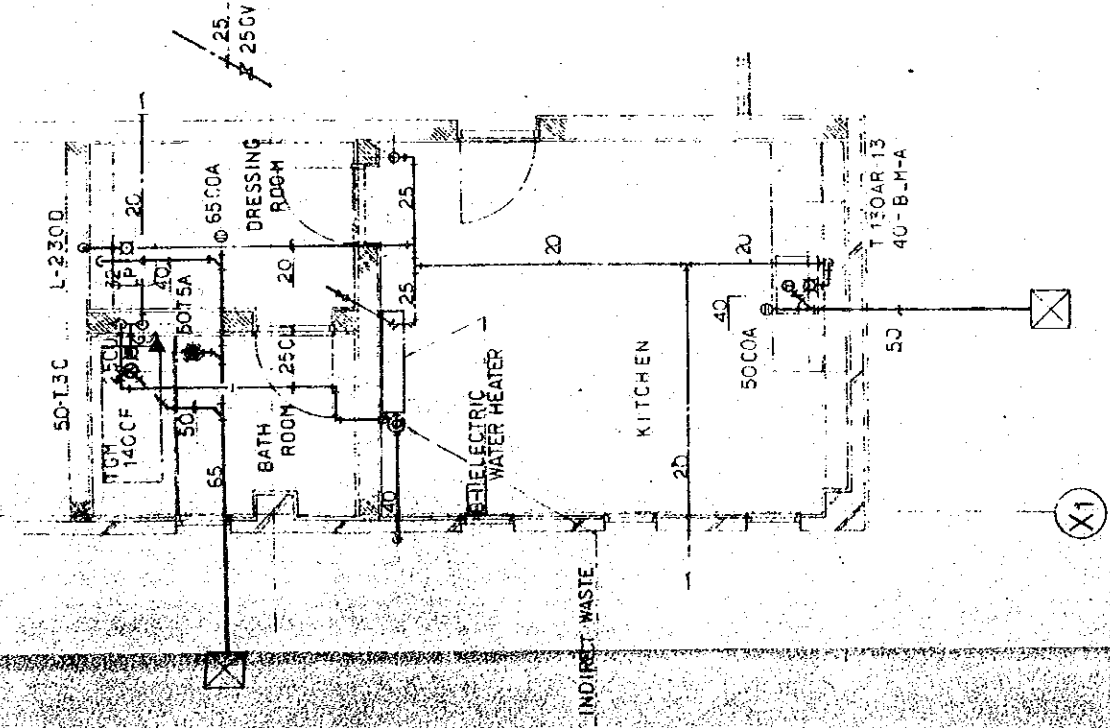
Ⓐ A.B.C EXTINGUISHER - TYPE 4

| | | |
|---|--|-----------------------------|
| THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL | | DRAWING NO. P-203 |
| KATHMANDU TRANSMITTING STATION | | SCALE 1:100 |
| TITLE OF DRAWING GROUND FLOOR PLAN OF PIPING | | DATE JAN 1981 |

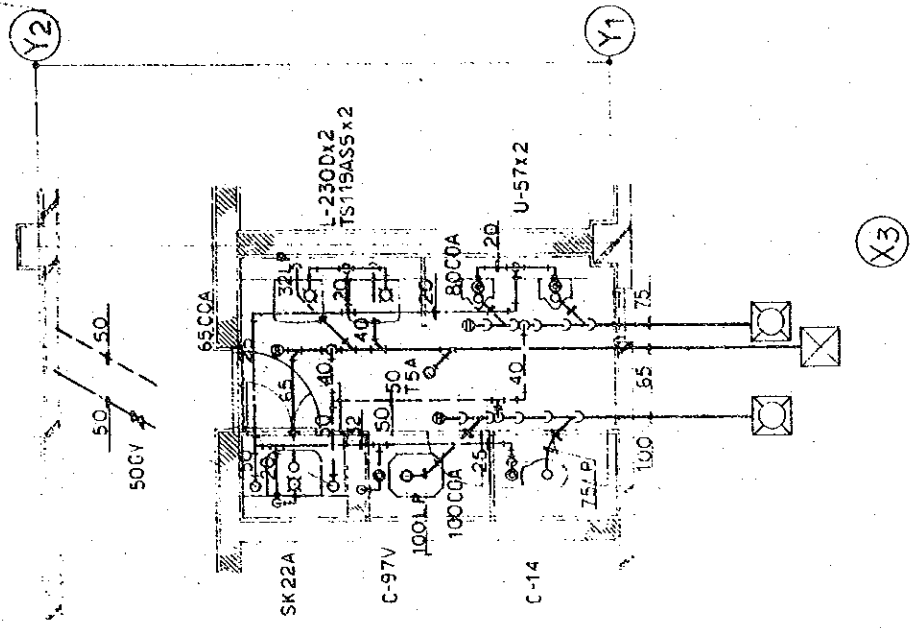
PUMP



PRESSURE TANK & PUMP

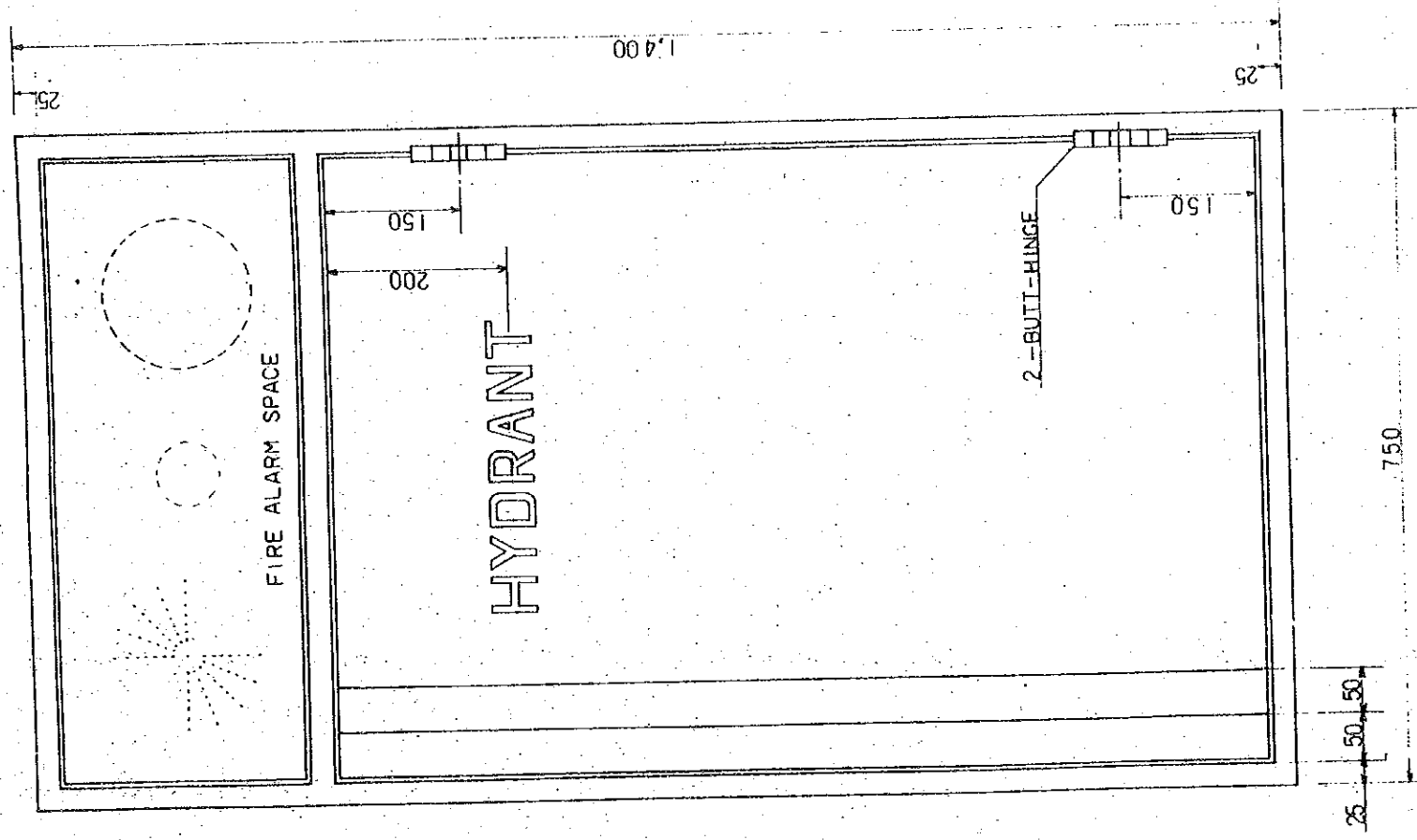


DETAIL OF KITCHEN & BATH ROOM 1:50

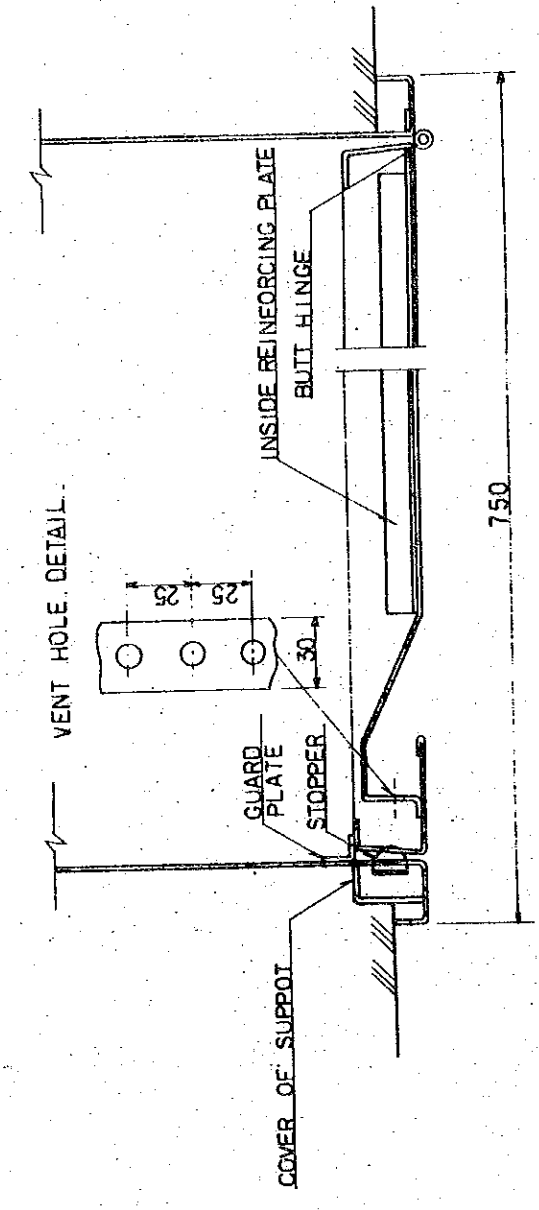


DETAIL OF TOILET 1:50

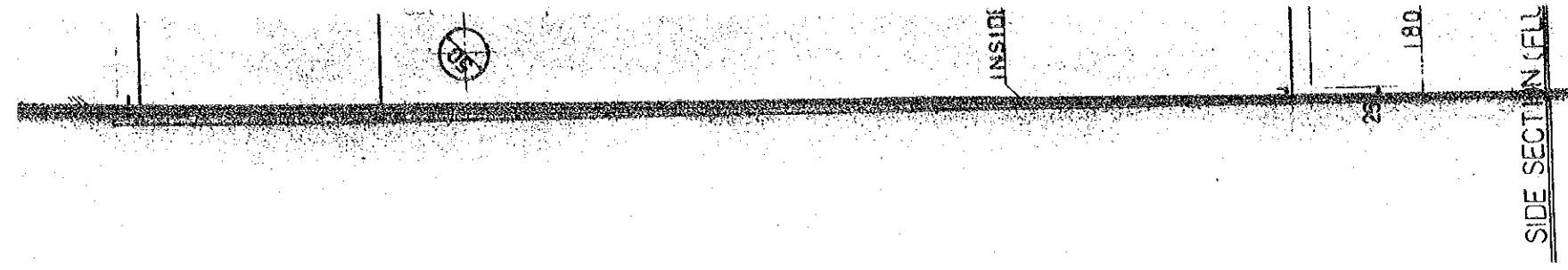
| | | |
|--|--|---------------|
| THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL | | |
| KATHMANDU TRANSMITTING STATION | | |
| POKHARA TRANSMITTING STATION | | |
| TITLE OF DRAWING | | |
| DRAWING NO. P-204 P-304 | | SCALE 1:50 |
| DATE JAN 1981 | | UNIT MM |

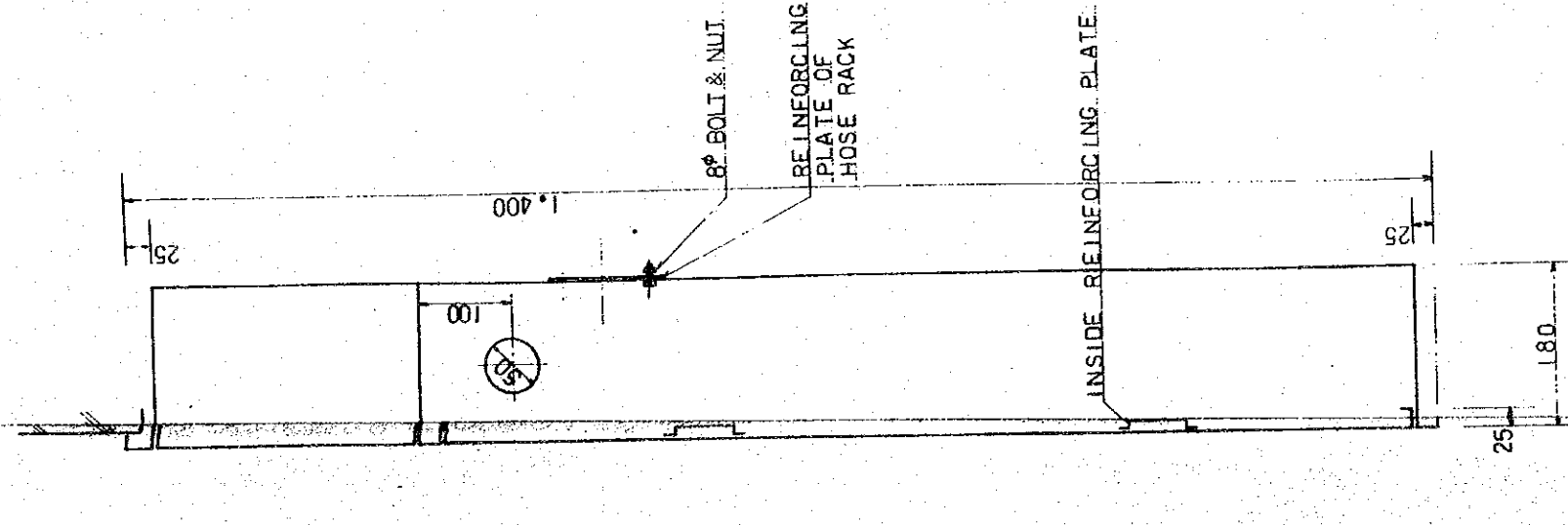


FRONT ELEVATION 1:5

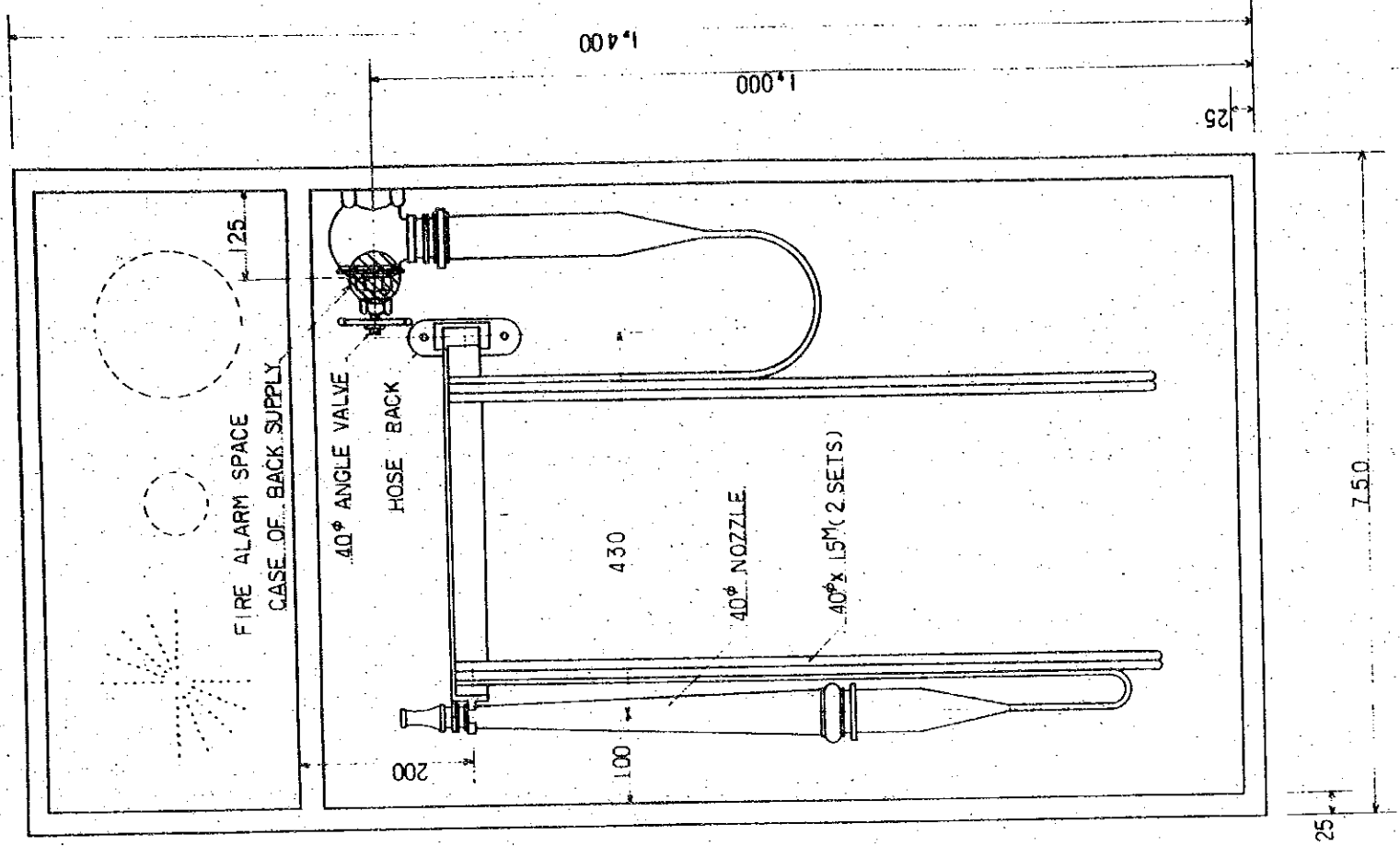


CROSS SECTION 1:2



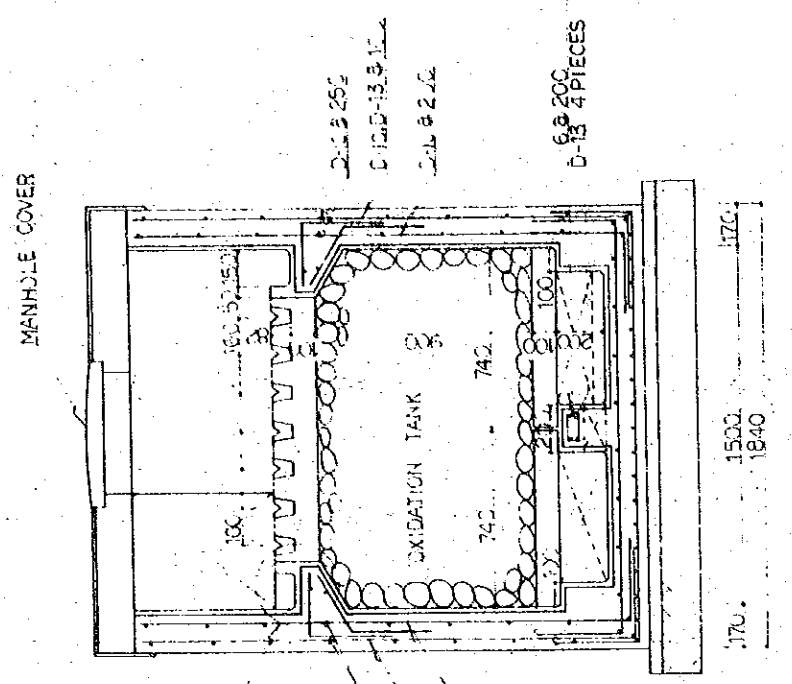


SECTION (FLUSH TYPE) 1:5

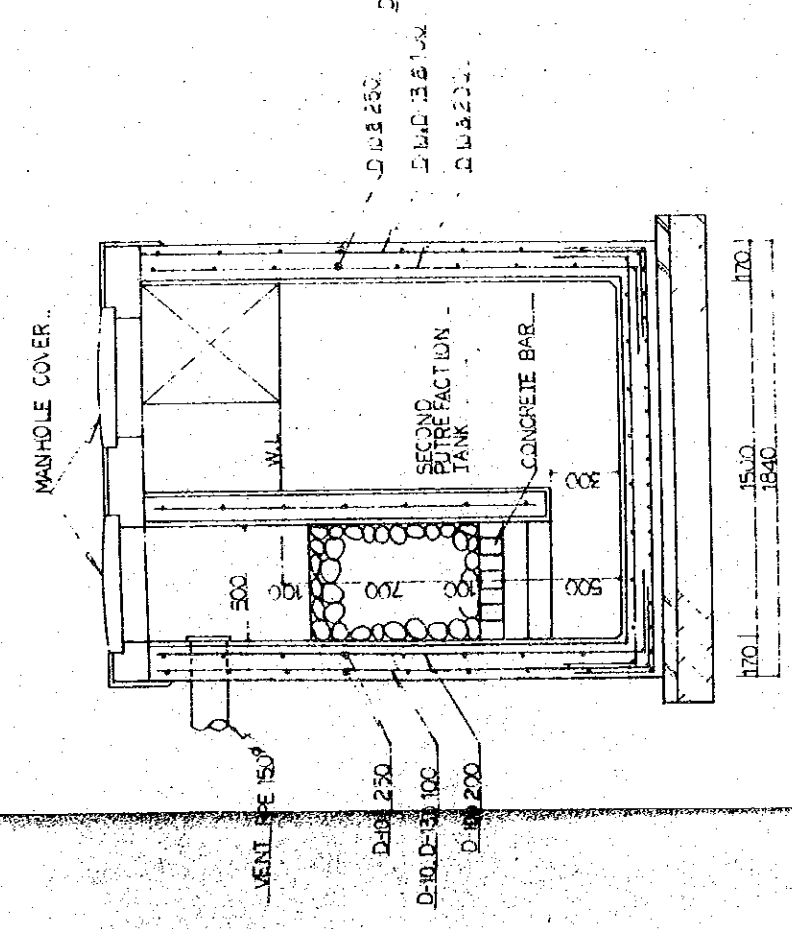


INTERIOR ELEVATION 1:5

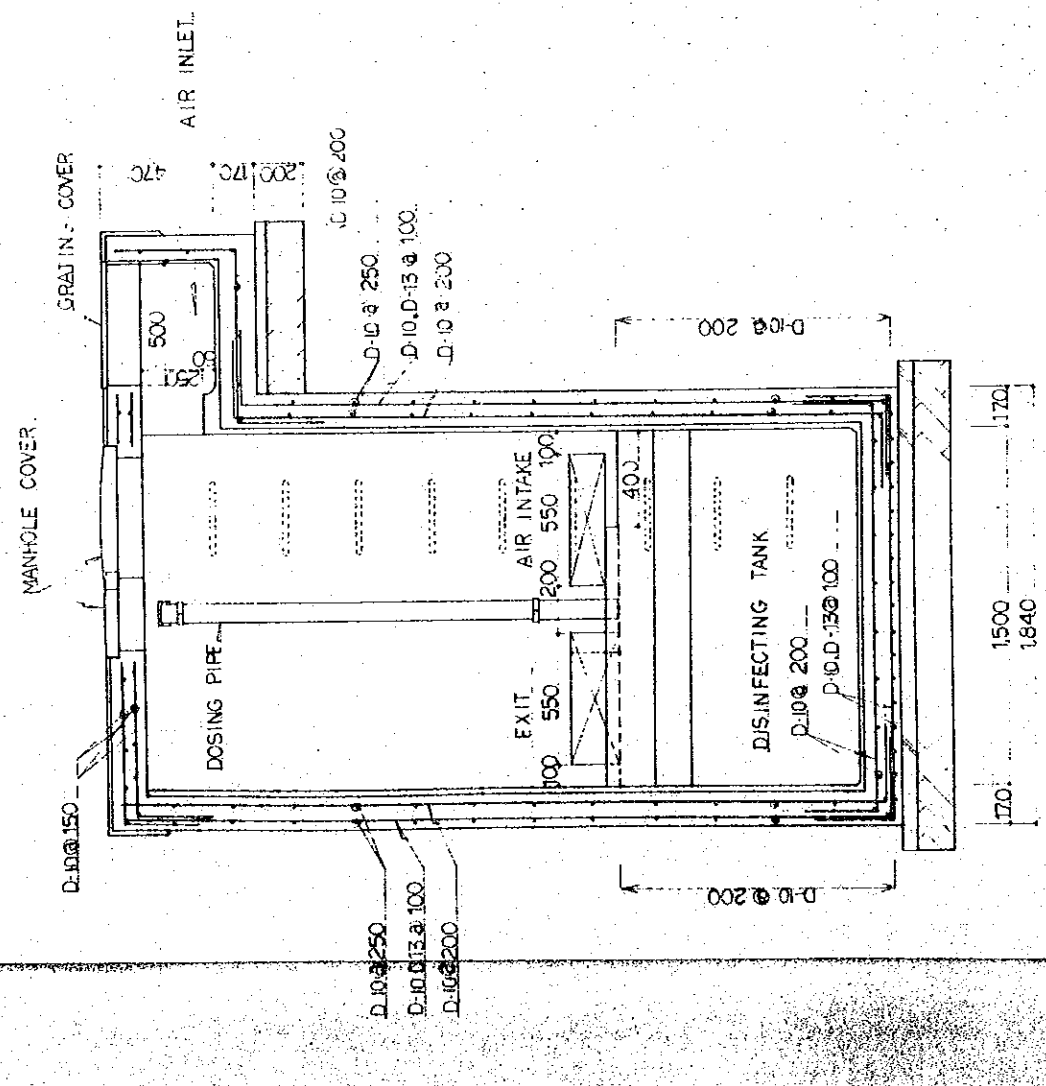
| | | | |
|---|--|----------------------|------------------|
| THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL | | DRAWING NO. P-205 | |
| KATHMANDU TRANSMITTING STATION | | SCALE 1:2 | UNIT mm |
| POKHARA TRANSMITTING STATION | | DATE 1:5 | DATE JAN 1981 |
| TITLE OF DRAWING DETAIL OF FIRE HYDRANT | | | |



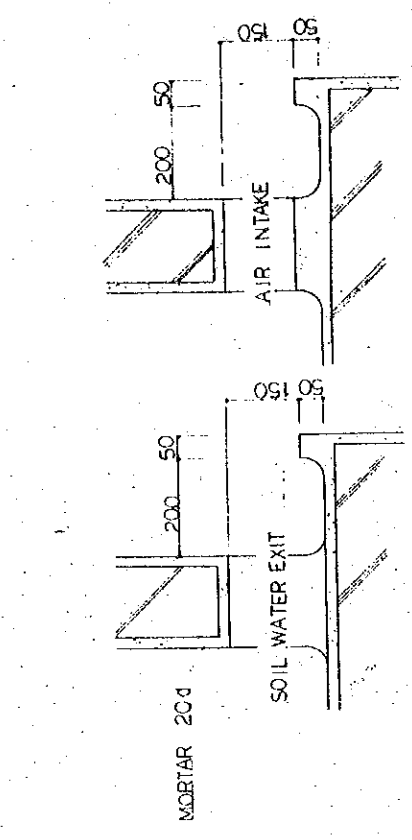
B-B SECTION 1:20



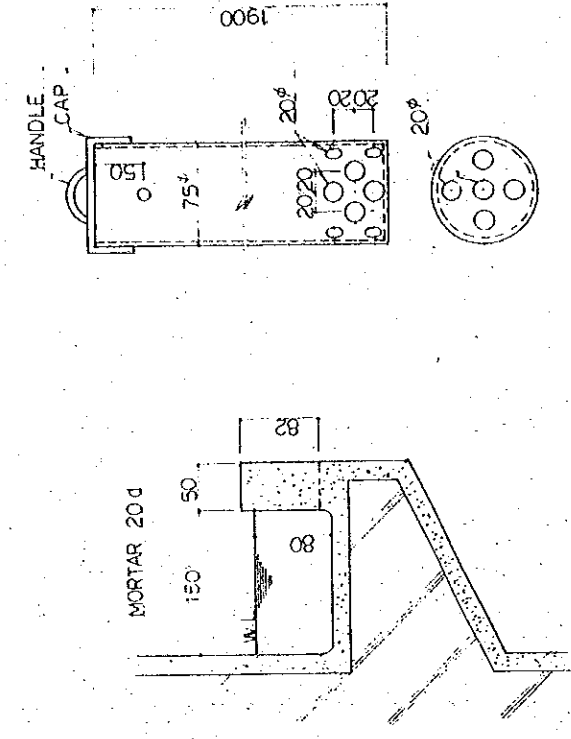
C-C SECTION 1:20



D-D SECTION 1:20

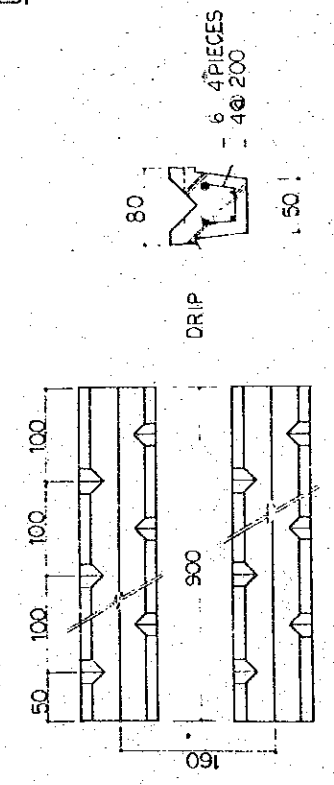


DETAIL OF PART A 1:10



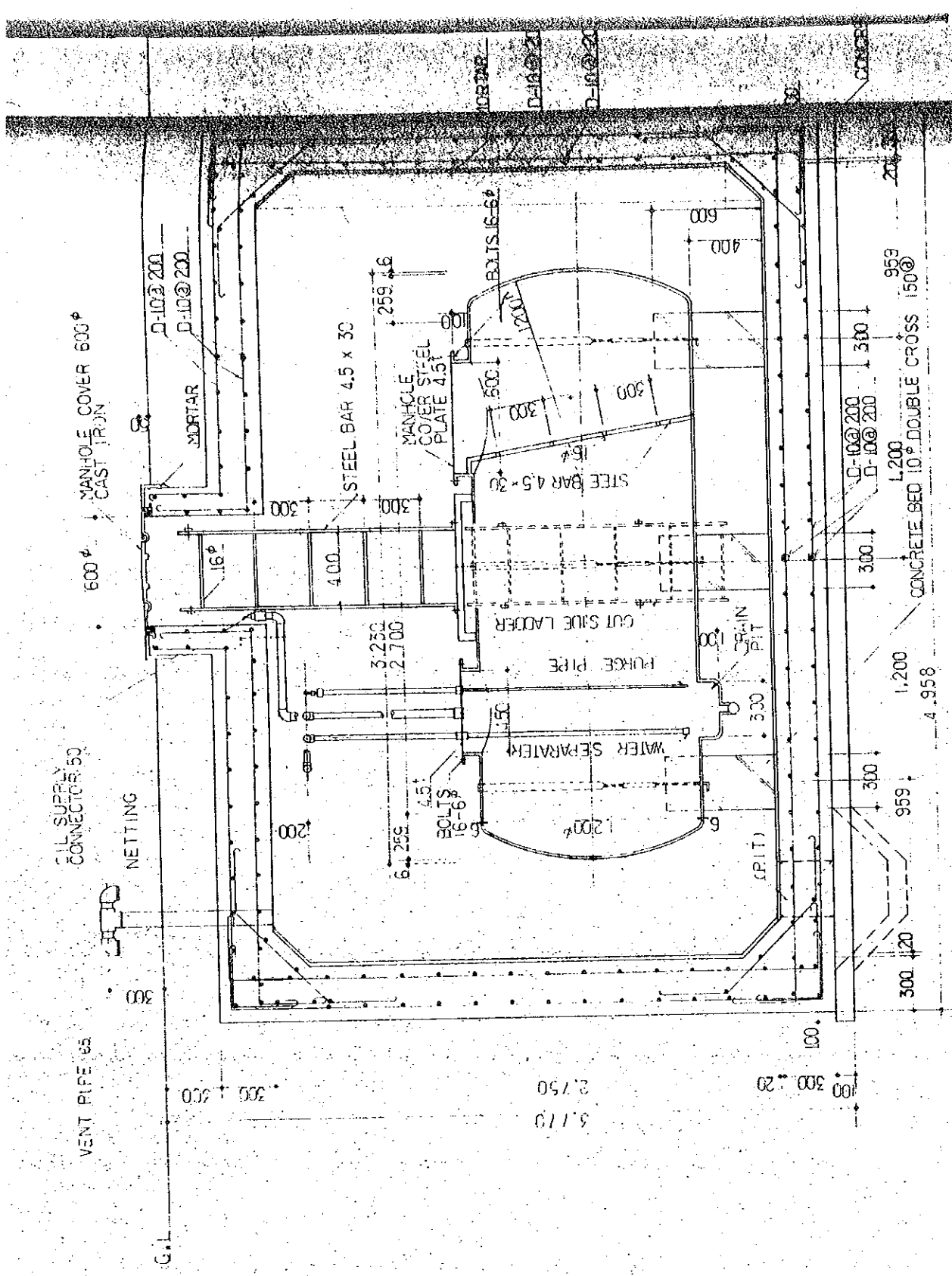
DETAIL OF PART B 1:5

DOSING PIPE 1:5

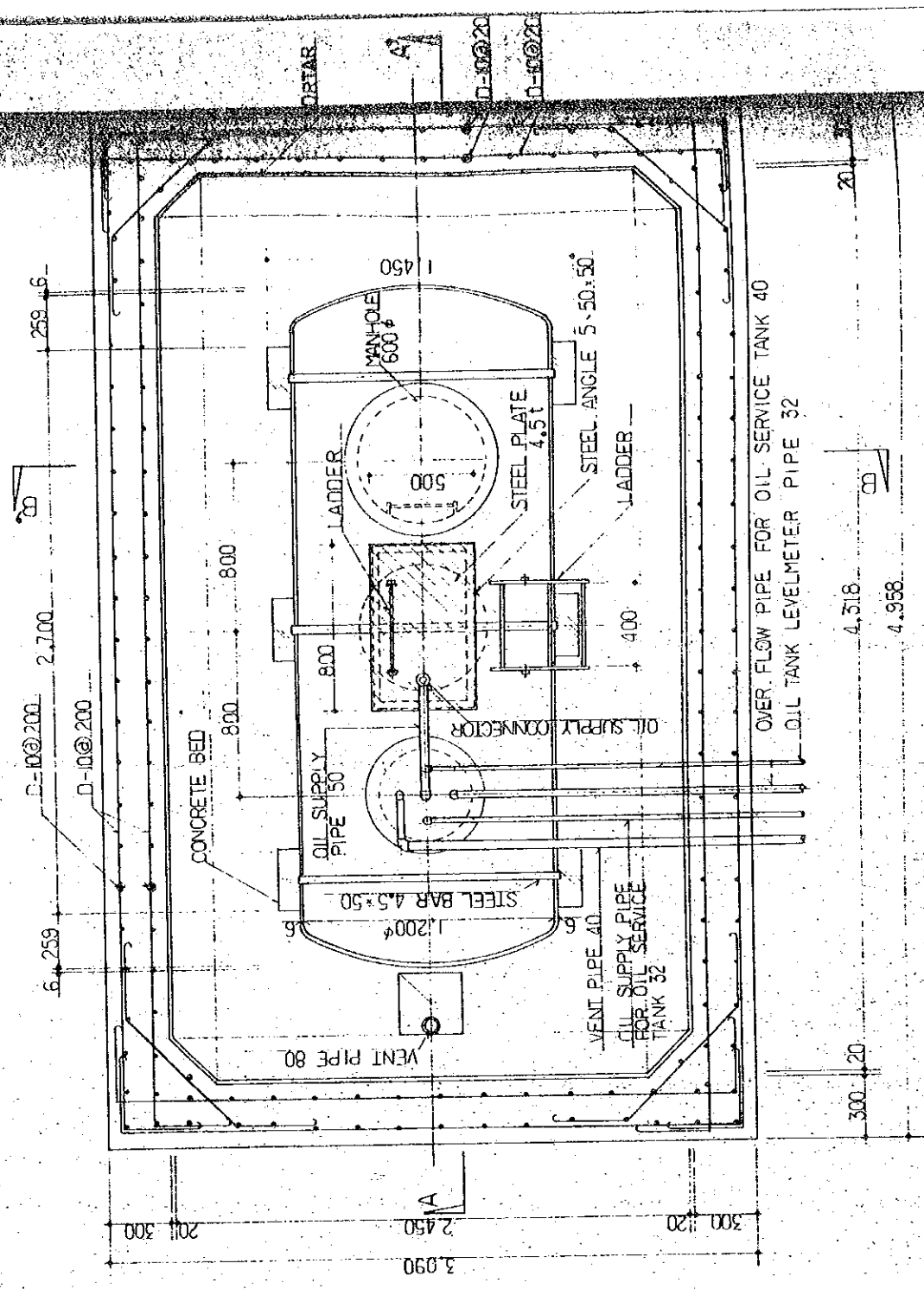


SPRINKLER GUTTER 1:5

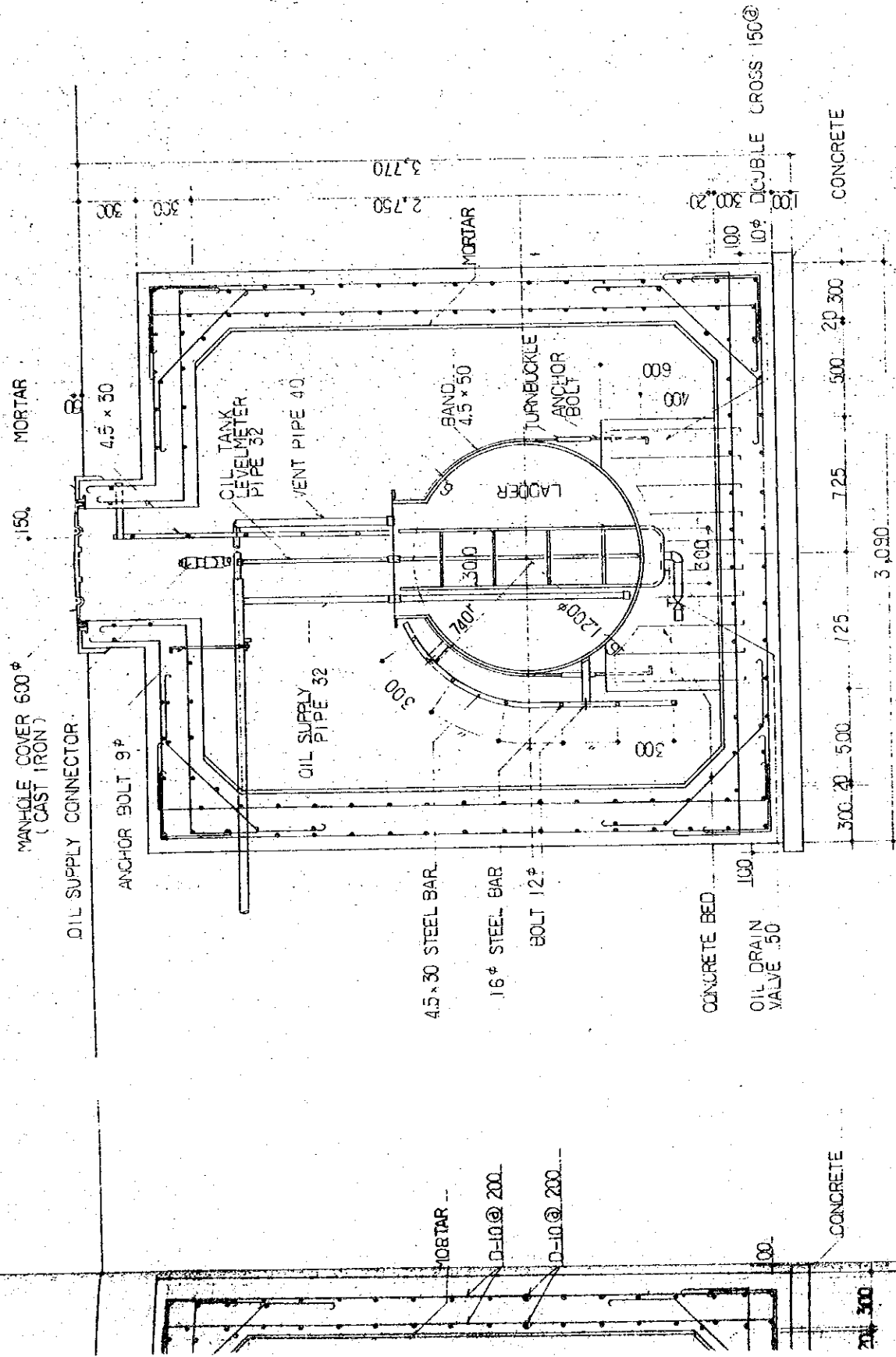
| | | | |
|----------------------------------|--|-------------|-----------|
| THE ESTABLISHMENT PROGRAMME | | DRAWING NO. | |
| MEDIUM WAVE BROADCASTING NETWORK | | P-206 | |
| THE KINGDOM OF NEPAL | | P-306 | |
| KATHMANDU TRANSMITTING STATION | | SCALE | UNIT |
| POKHARA TRANSMITTING STATION | | 1:5 | m m |
| TITLE OF DRAWING | | 1:10 | |
| DETAIL OF SEPTIC TANK | | 1:20 | DATE |
| | | | JAN' 1981 |



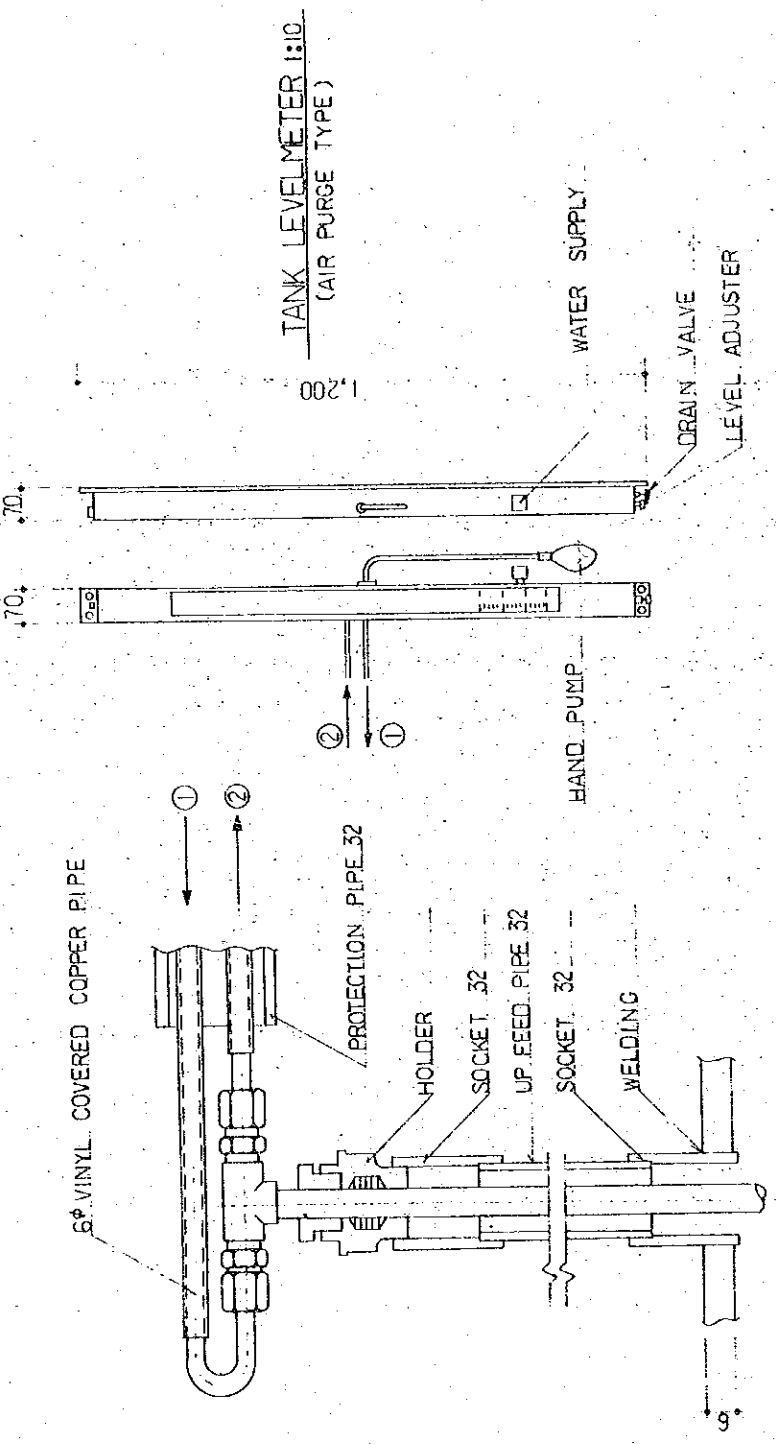
A-A' SECTION 1:20



PLAN 1:20

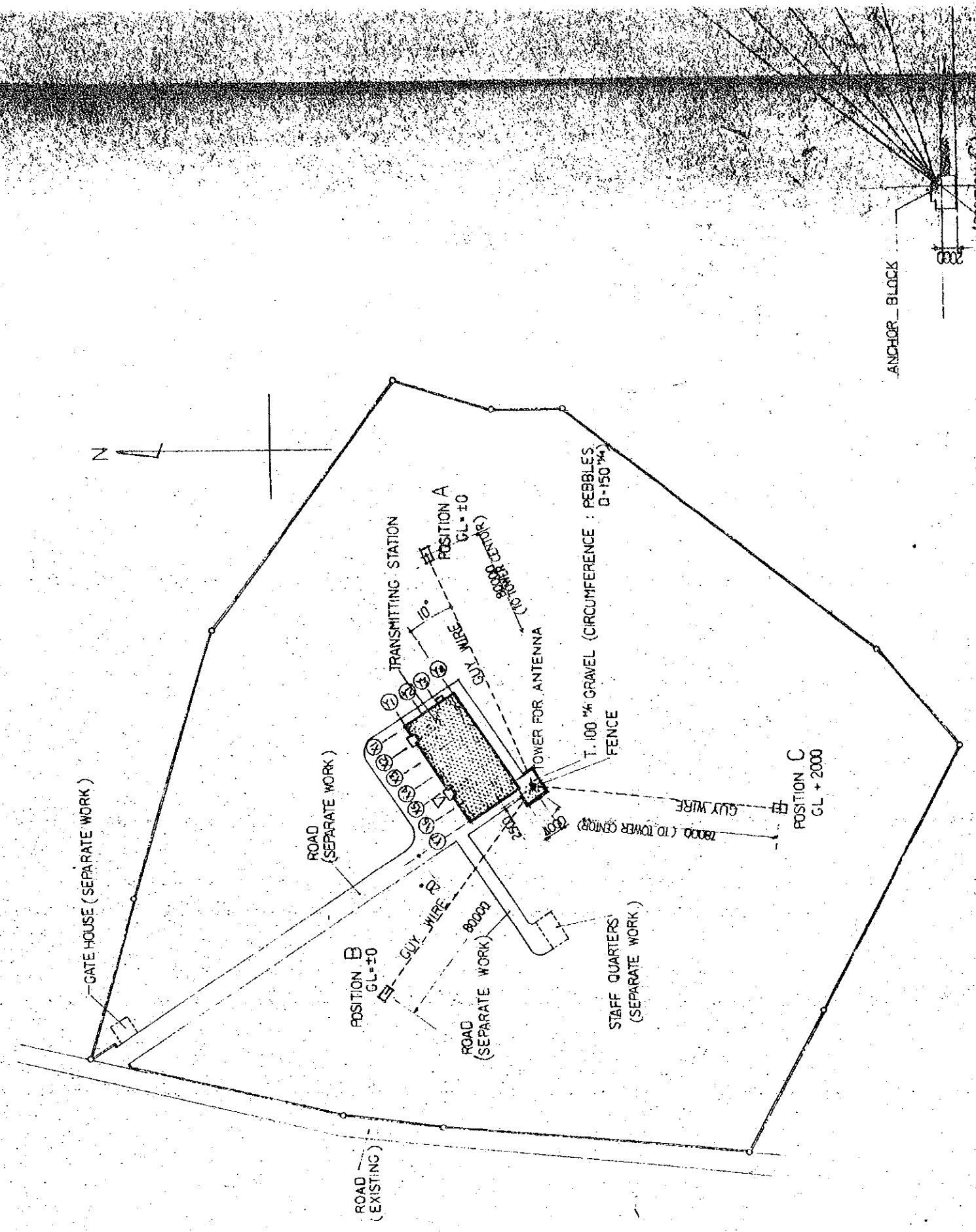


B-B' SECTION 1:20



AIR PURGE PIPE FITTING FOR OIL TANK (NON SCALE)

| | | | |
|---|--|-------------------------|---------|
| THE ESTABLISHMENT PROGRAMME OF MEDIUM WAVE BROADCASTING NETWORK IN THE KINGDOM OF NEPAL | | DRAWING NO. P-207 P-507 | |
| KATHMANDU TRANSMITTING STATION POKHARA TRANSMITTING STATION | | SCALE 1:20 | UNIT mm |
| TITLE OF DRAWING | | DATE | |
| DETAIL OF OIL TANK (3000 L) | | JAN' 1981 | |



SITE PLAN S=1:1000

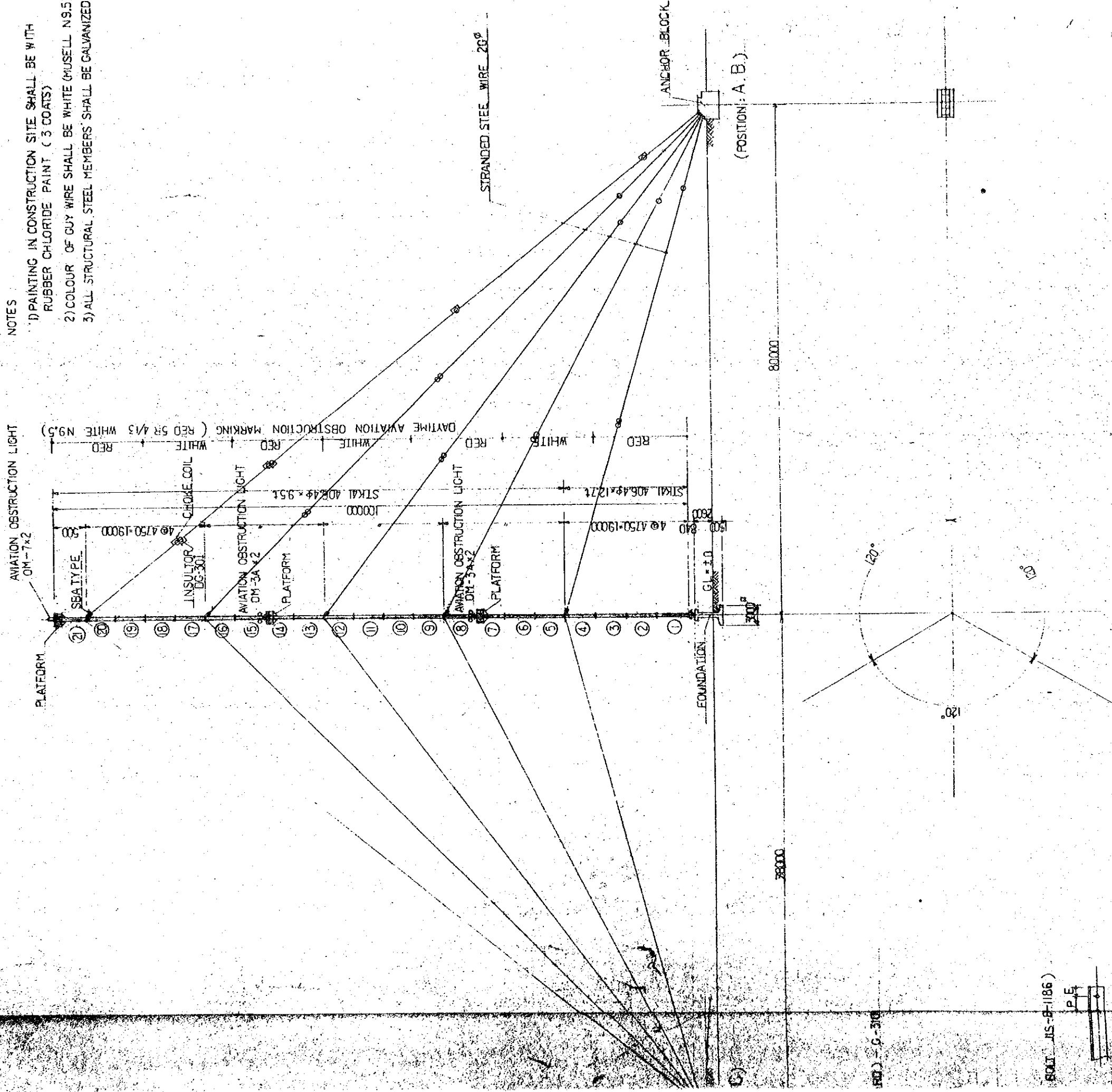
GENERAL NOTES FOR STEELWORK

- 1 MATERIAL
 STRUCTURAL STEEL JIS (JAPANESE INDUSTRIAL STANDARD) - S-55
 ANGLE STEEL : SS41
 PIPE : STK41
 PLATE : SS41
- 2 PLATE THICKNESS UNLESS OTHERWISE NOTED P-6
- 3 GAUGE OF ANGLE STEEL
 L-25x75x10 g1=50 g2=35
 L-65x65x6 g1=35
 L-50x50x6 g1=30
- 4 UNLESS OTHERWISE SPECIFIED --- BOLT (HIGH TENSION BOLT JIS-B1186)
 PITCH AND LOCATION OF BOLT (STANDARD)
 M16 P=55 E=35 L-50x6
 M20 P=65 E=40 L-25x75x6 L-65x6



NOTES

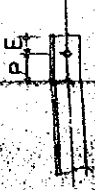
- 1) PAINTING IN CONSTRUCTION SITE SHALL BE WITH RUBBER CHLORIDE PAINT (3 COATS)
- 2) COLOUR OF GUY WIRE SHALL BE WHITE (MUSELL N9.5)
- 3) ALL STRUCTURAL STEEL MEMBERS SHALL BE GALVANIZED

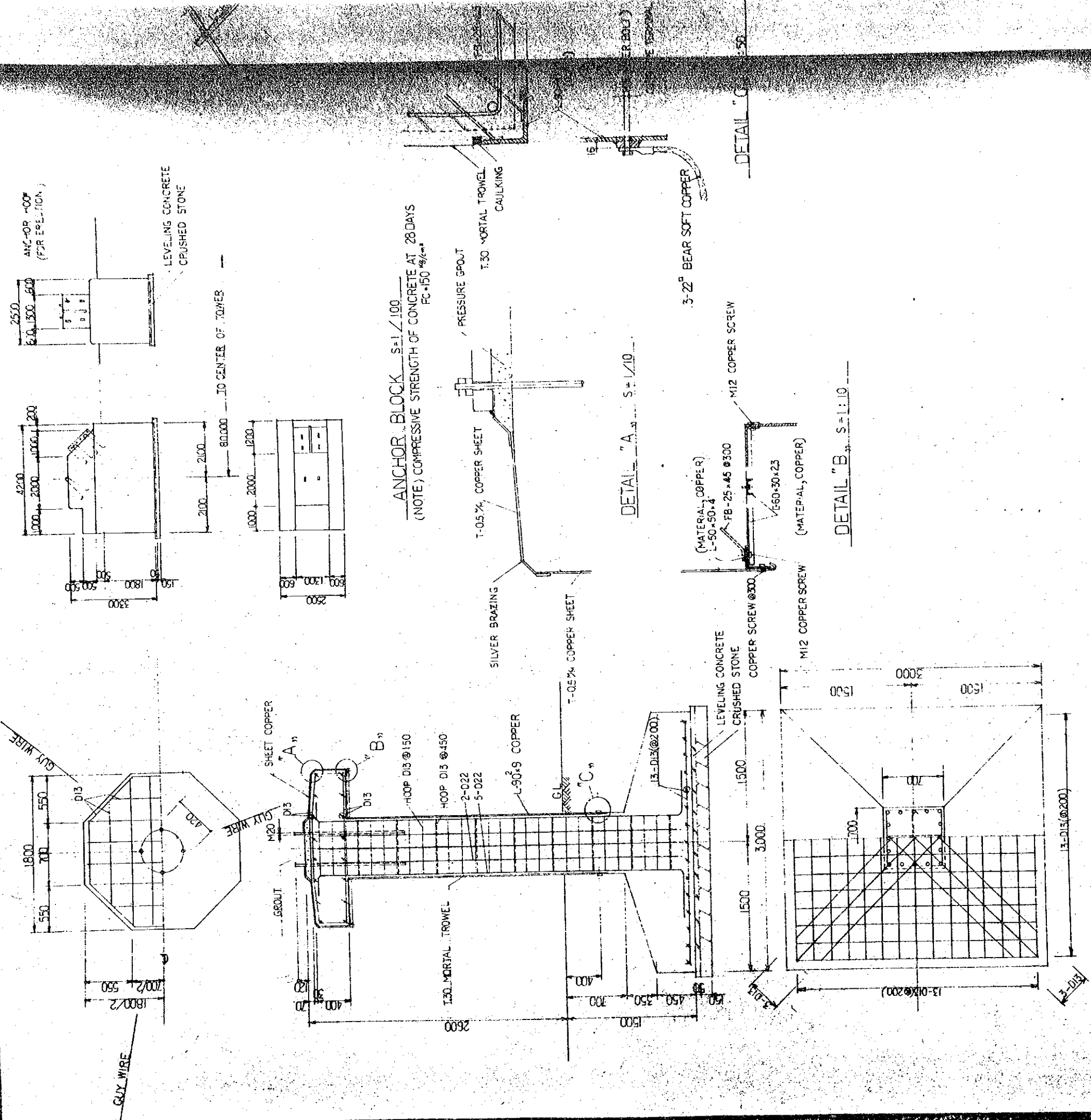


GENERAL VIEW S=1:400

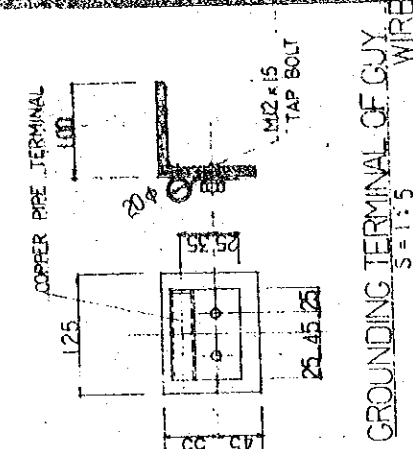
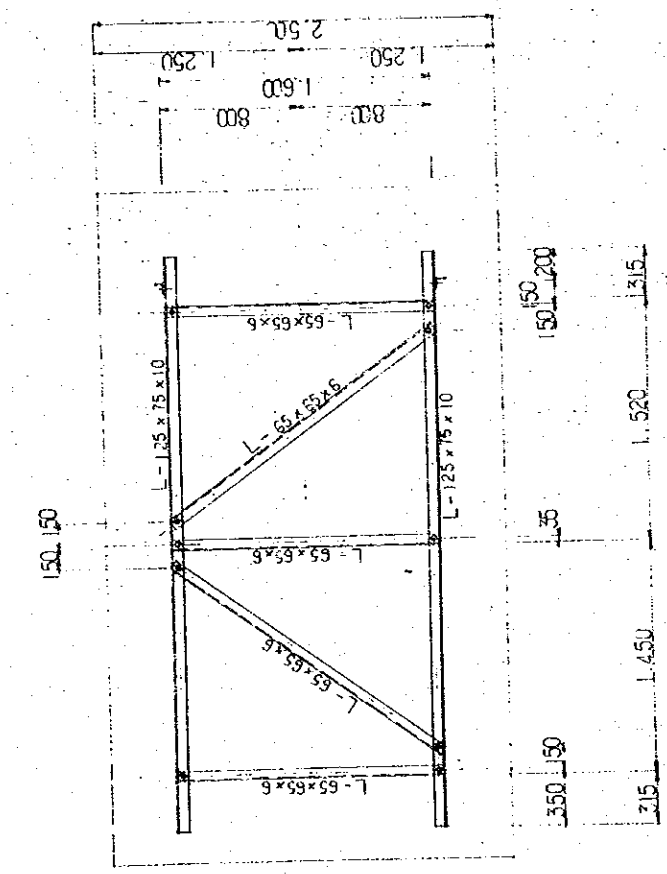
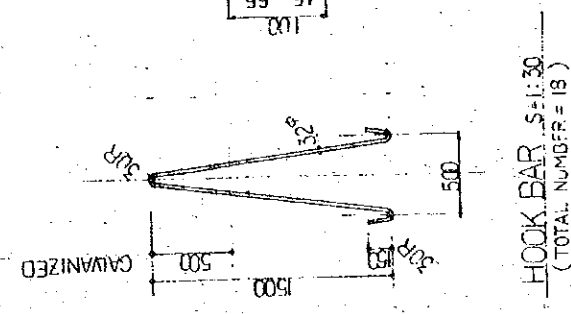
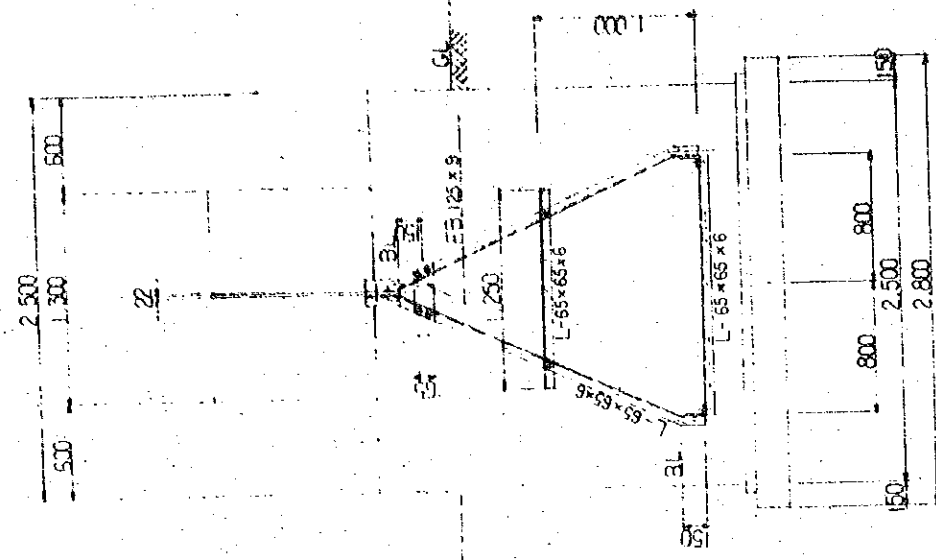
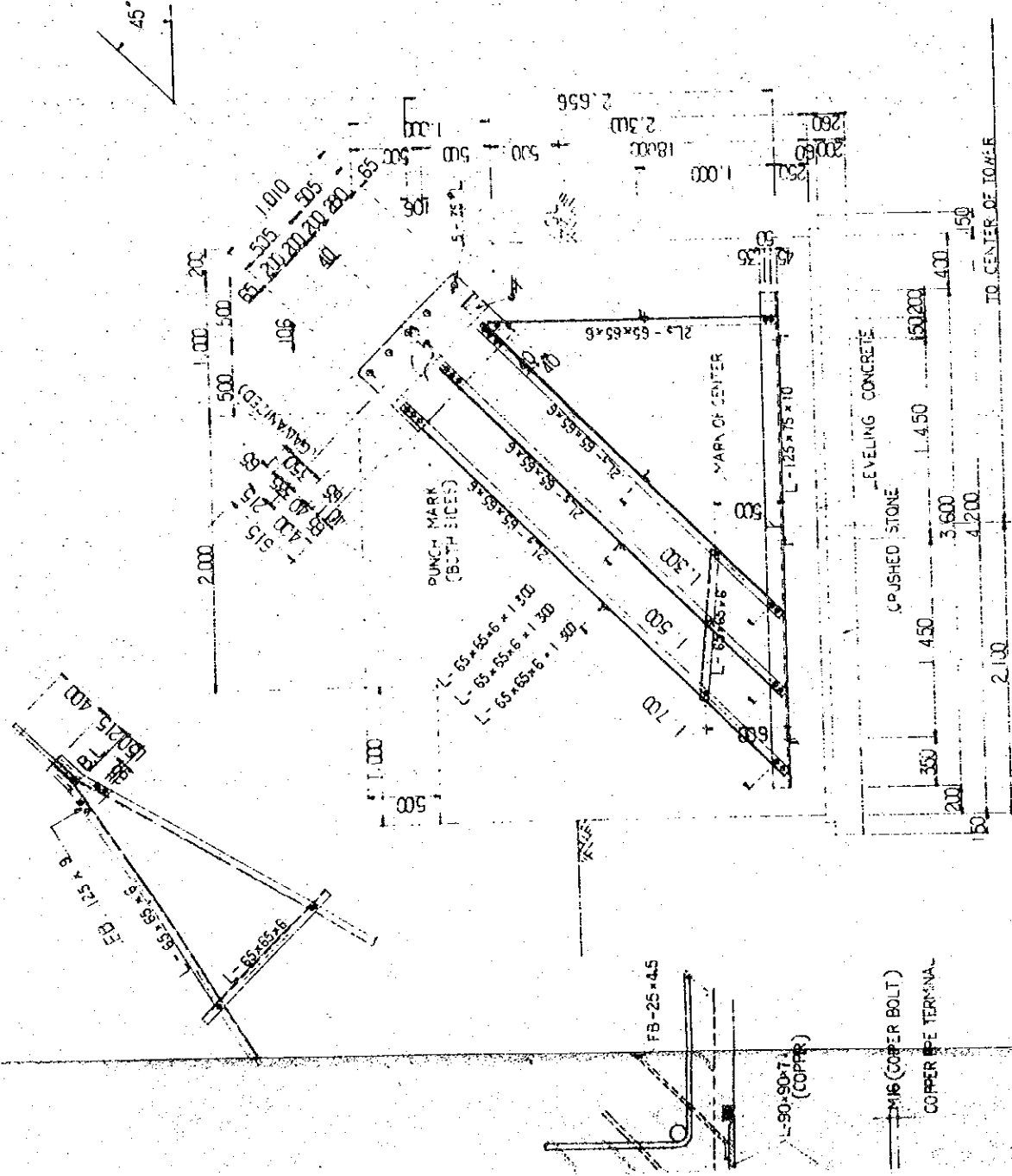
| | |
|----------------------------------|-----------|
| THE ESTABLISHMENT PROGRAMME | |
| MEDIUM WAVE BROADCASTING NETWORK | |
| THE KINGDOM OF NEPAL | |
| DRAWING NO. | T-201 |
| SCALE | 1/400 |
| UNIT | MM |
| DATE | JAN. 1981 |
| TITLE OF DRAWING | |
| SITE PLAN, TOWER FOR ANTENNA | |

FOOT JS-B-1186



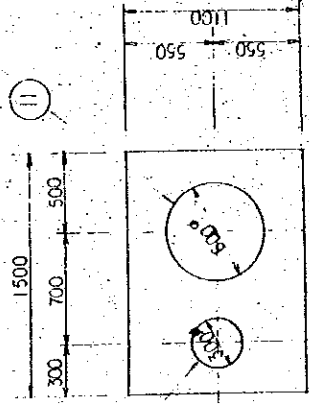


- NOTES
- 1 COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS : FC = 180 kg/cm² FOR FOUNDATION
: FC = 150 kg/cm² FOR ANCHOR BLOCK & FENCE FOUNDATION
SLAMP : 8 ~ 13 cm
 - 2 MATERIAL OF REINFORCEMENT STEEL BARS : SD 30
CONCRETE SHALL BE PLACED USING VIBRATOR METHOD
 - 3 SOIL BEARING CAPACITY — 15 T/m²



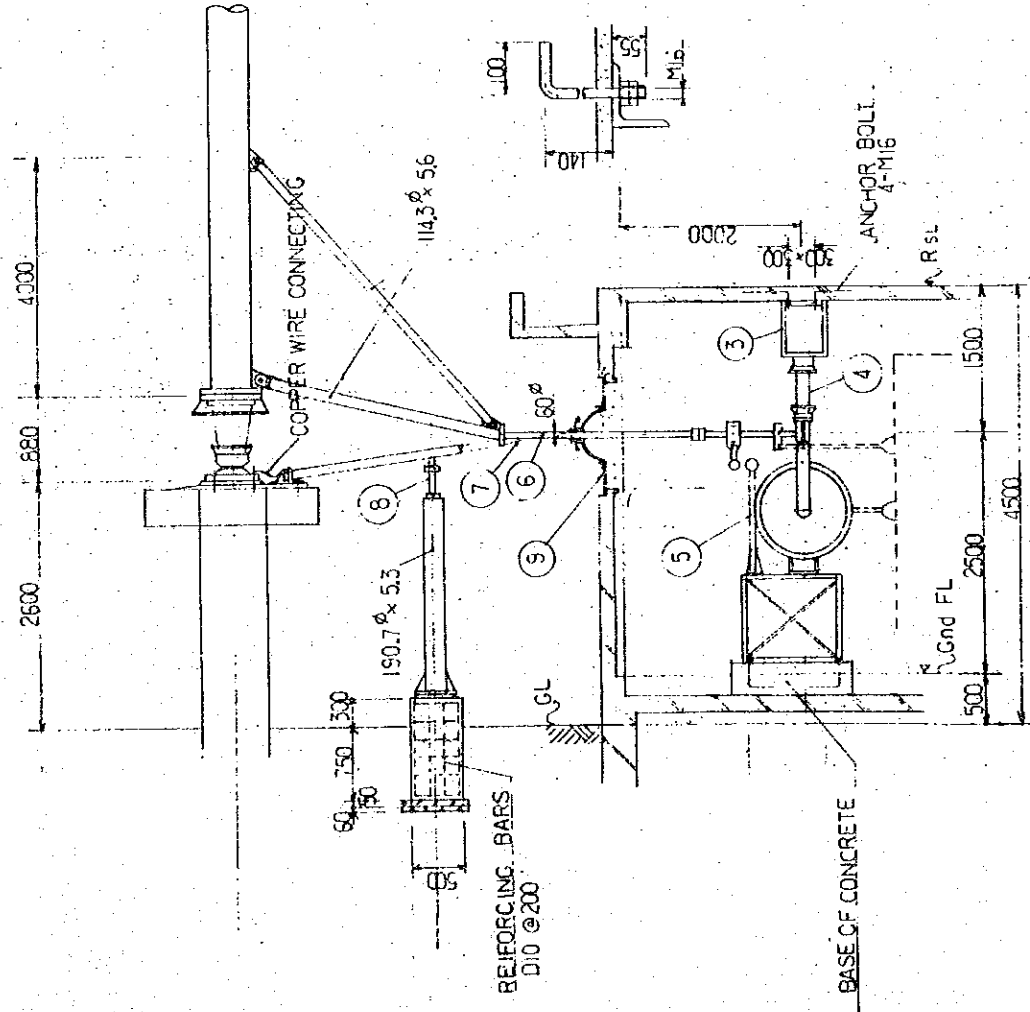
ANCHOR FRAME FOR ANCHOR BLOCK S=1:30

| | | | |
|---------------------------------------|--|-------|-----------|
| THE UNIVERSITY PROGRAMME | | | |
| MEDIUM WAVE BROADCASTING NETWORK | | | |
| THE BROADCASTING STATION | | | |
| DRAWING NO. T-202 T-302 | | | |
| TITLE OF DRAWING | | SCALE | UNIT |
| DETAIL OF FOUNDATION AND ANCHOR BLOCK | | 1/30 | MM |
| DATE | | | JAN. 1981 |



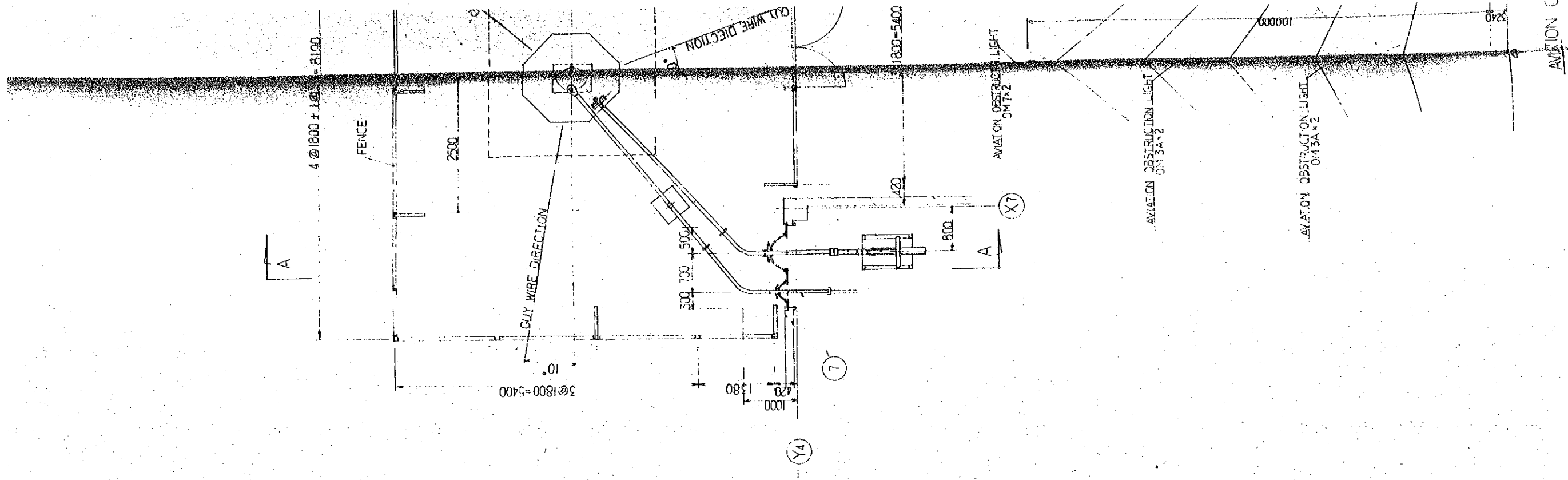
EARTH. SIDE. 10

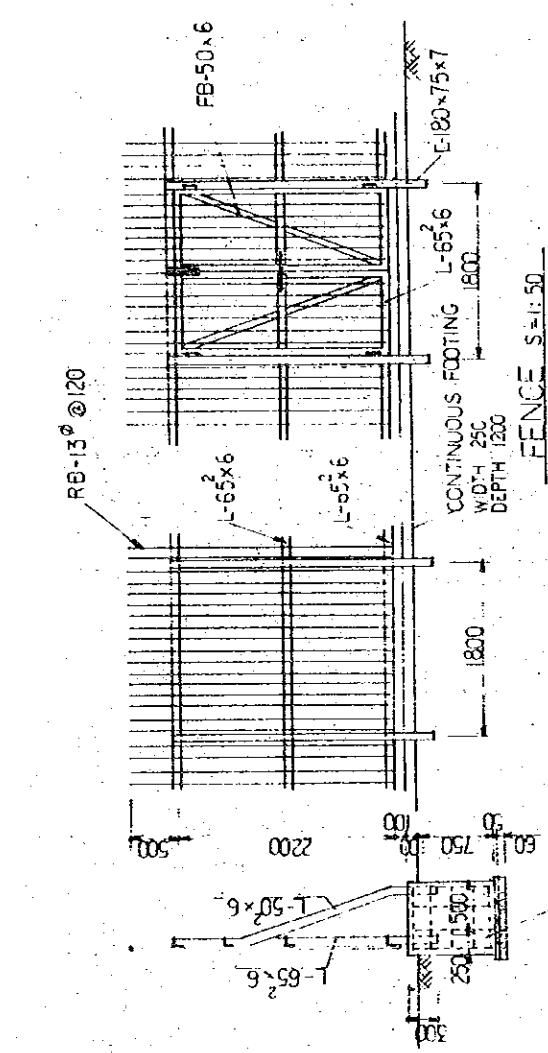
9 PLATE S-1/30



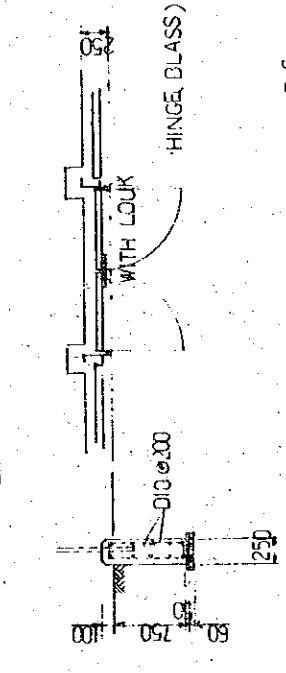
A-A SECTION S-1/50

| DWG | NAME | MANAGEMENT/MATERIAL | REMARKS |
|-----|-----------------------|--|--|
| 1 | AUSTIN TRANSFORMER | | |
| 2 | BASE | GALVANIZED SS | ANC BOLT 4-M16 |
| 3 | HANGER | GALVANIZED SS | ANC BOLT 4-M16 WITH FITTING (CORROARING) |
| 4 | HANGER INSULATOR | | |
| 5 | BALL GAP | Cr. PAINTING BSB | |
| 6 | PIPE 60φ | CU | WITH CONNECTION FITTING |
| 7 | PIPE 60φ | CU | WITH CONNECTION FITTING |
| 8 | BUS INSULATOR | | |
| 9 | PLATE (ARCH WORK) | GALVANIZED SS | WITH BOLT |
| 10 | CURVED INSULATOR 350φ | FITTING GALVANIZED CR. PAINTING POP-CEALIN | WITH FITTING |
| 11 | CURVED INSULATOR 600φ | FITTING GALVANIZED CR. PAINTING PORCELAIN | WITH FITTING |

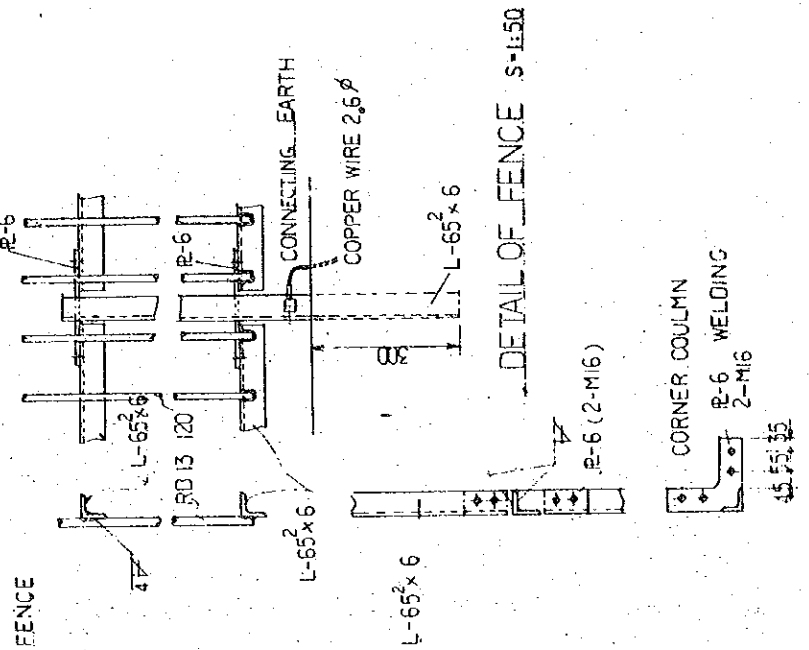




FENCE S=1:50

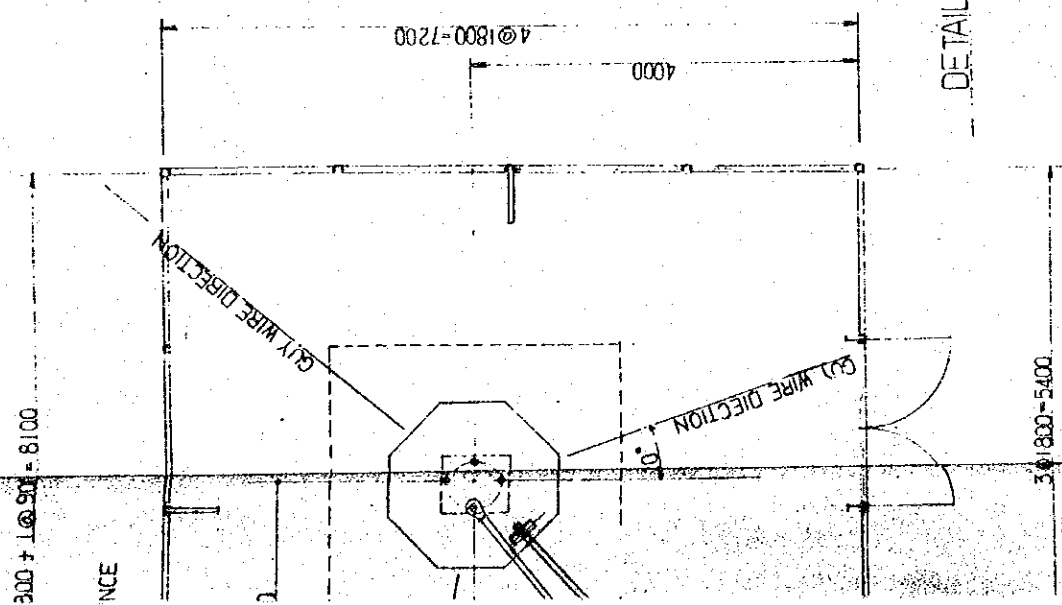


FOUNDATION OF FENCE

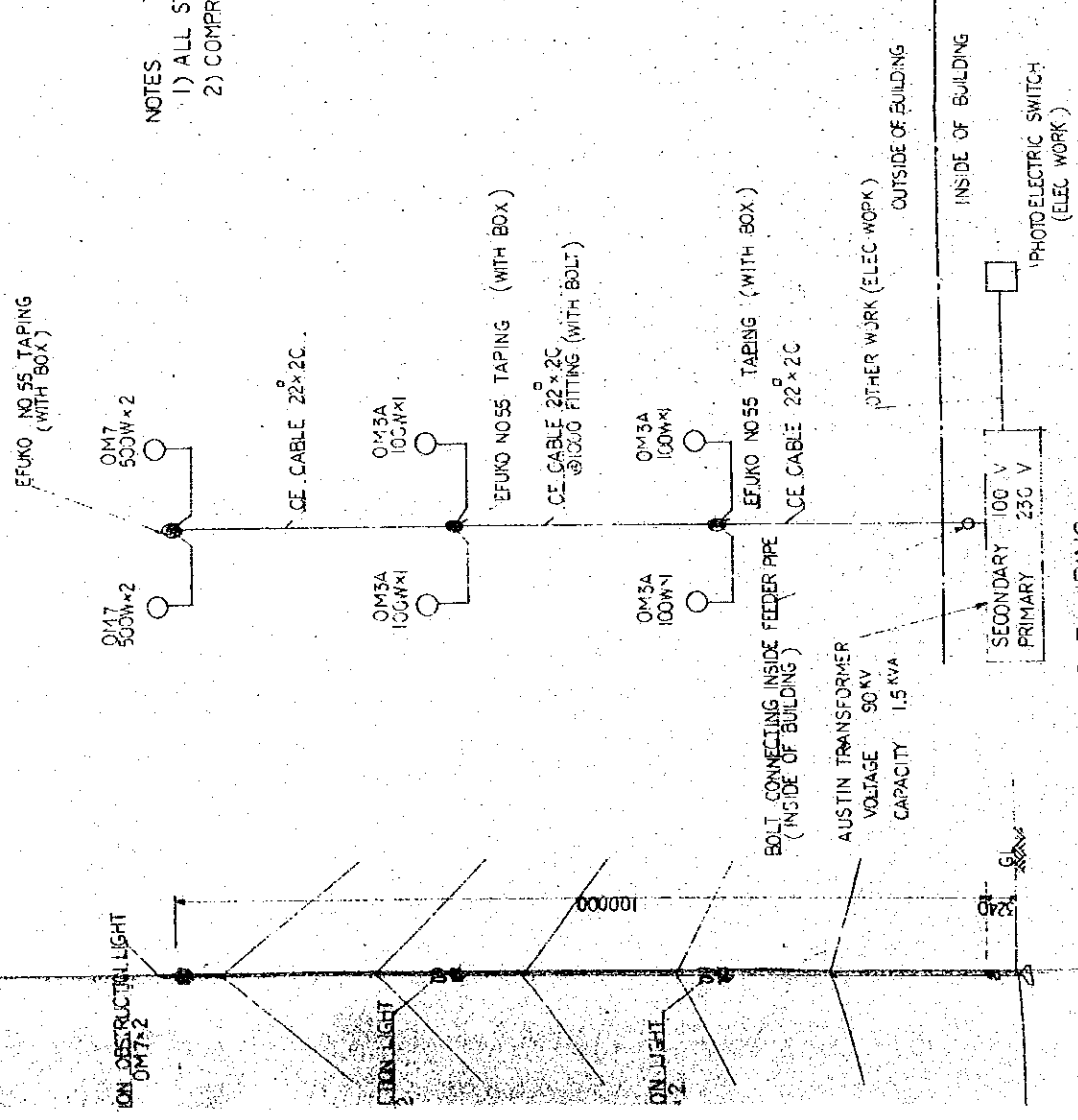


DETAIL OF FENCE S=1:50

DETAIL OF TOWER S=1/50



- NOTES
- 1) ALL STEEL MEMBERS SHALL BE GALVANIZED
 - 2) COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS : $f_c = 150 \frac{kg}{cm^2}$



AVIATION OBSTRUCTION LIGHT WIRING S=1/600

| | | | |
|---|--|-------------|------|
| THE ESTABLISHMENT PROGRAMME | | DRAWING NO. | |
| MEDIUM WAVE BROADCASTING NETWORK | | T-203.I-303 | |
| THE DEPARTMENT OF NEPAL | | SCALE | UNIT |
| POKHARA TRANSMITTING STATION | | 1/50 | MM |
| TITLE OF DRAWING | | DATE | |
| DETAIL OF FENCE AND AVIATION OBSTRUCTION LIGHT WIRING | | JAN. 1981 | |

