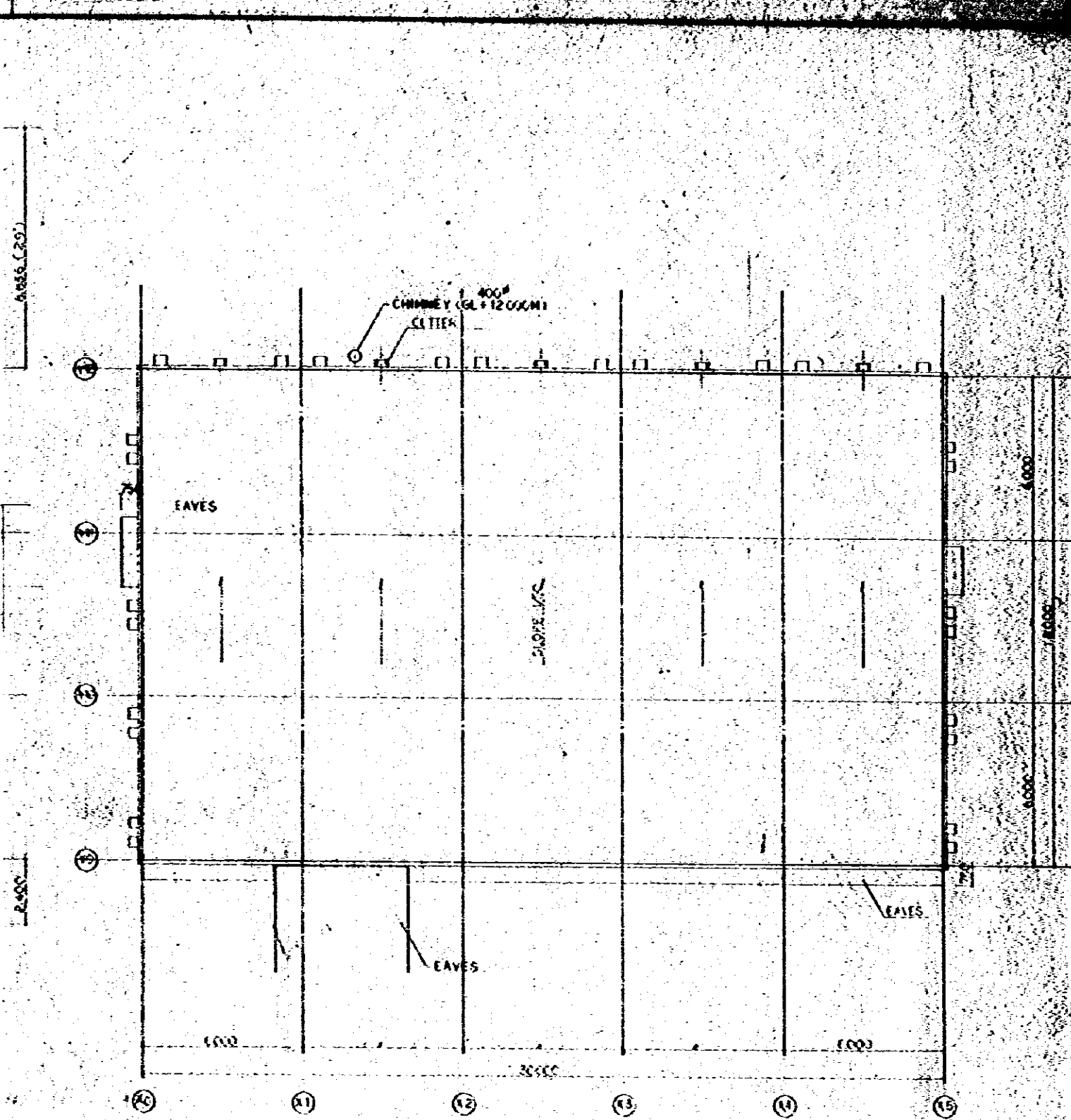
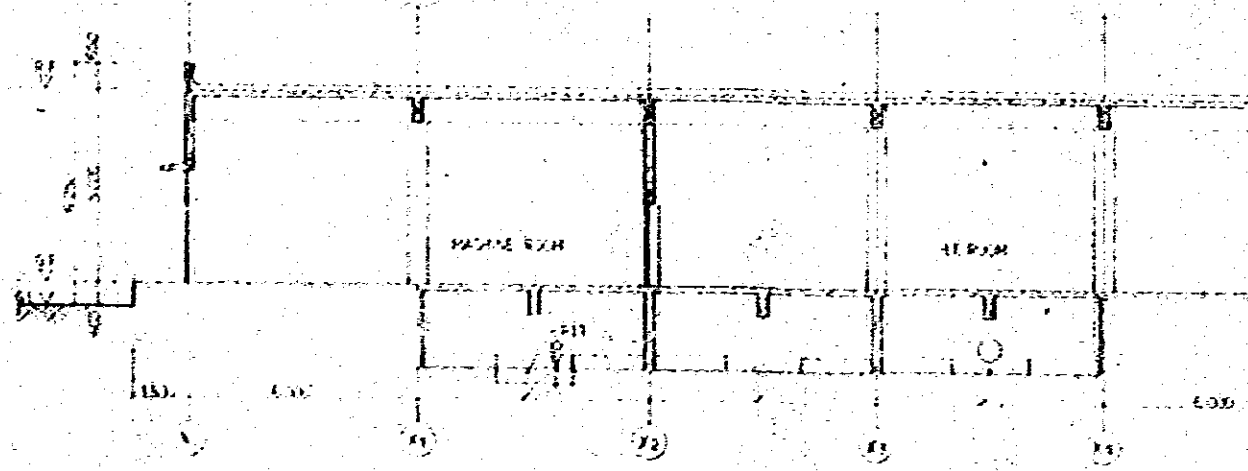


GROUND FLOOR PLAN 1:100

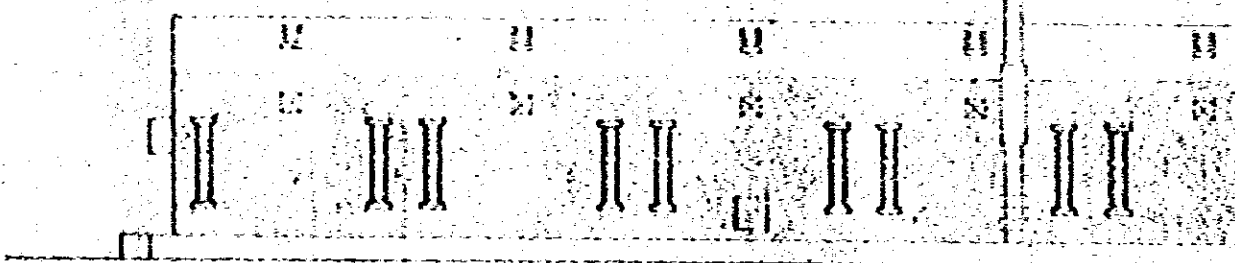
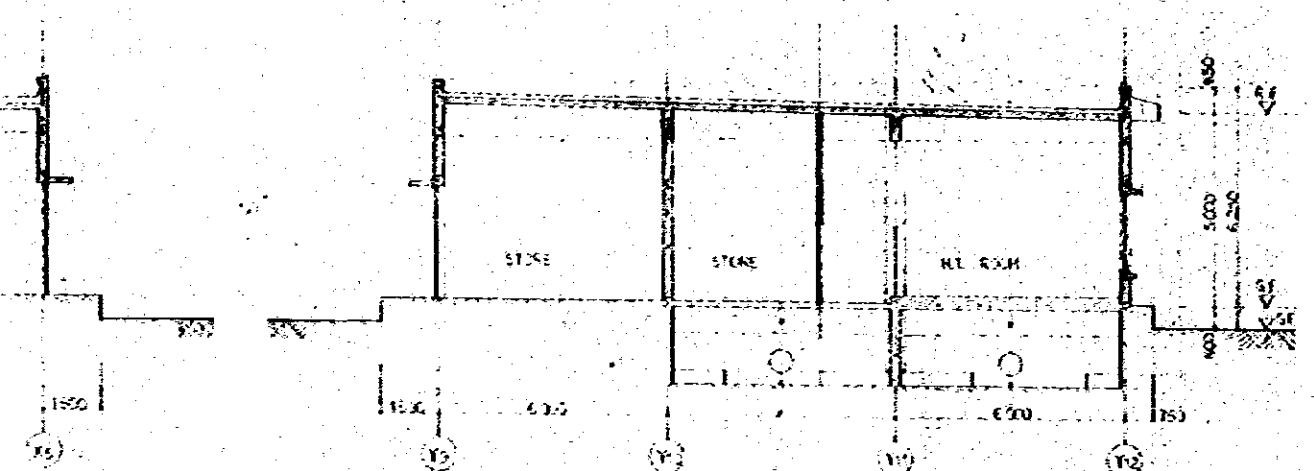


ROOF FLOOR PLAN 1:100

Project NATURAL BROADCASTING HOUSE OF RADIO BANGLADESH		Sheet 2-02-01
ANNEX PLAN		Scale 1:100
Approved by	Drawn by	Date FEB 1974
	HT	
JICA JAPAN ENGINEERING CONSULTANTS CO. LTD.		



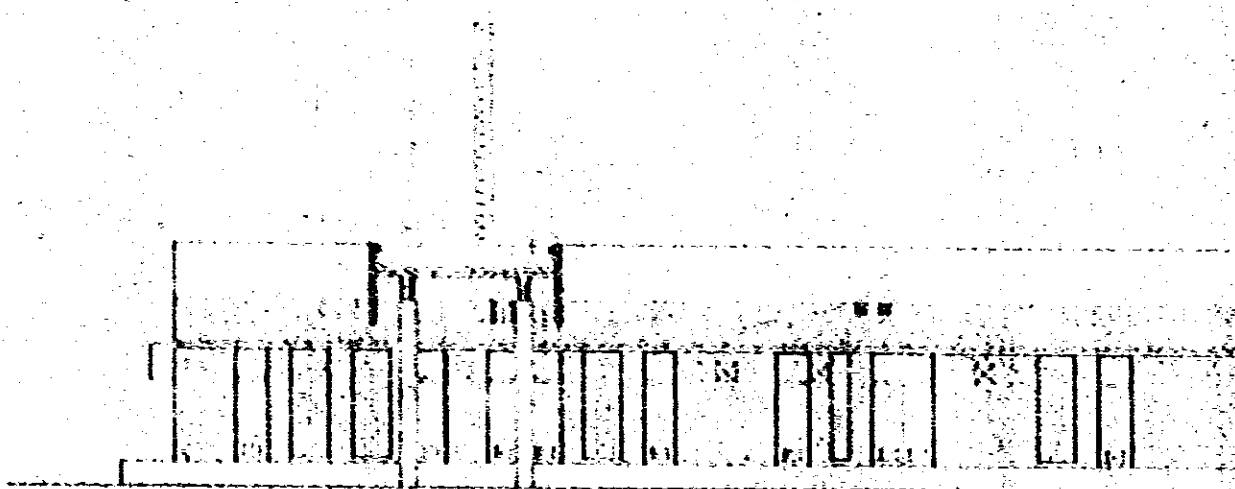
SECTION 5-500



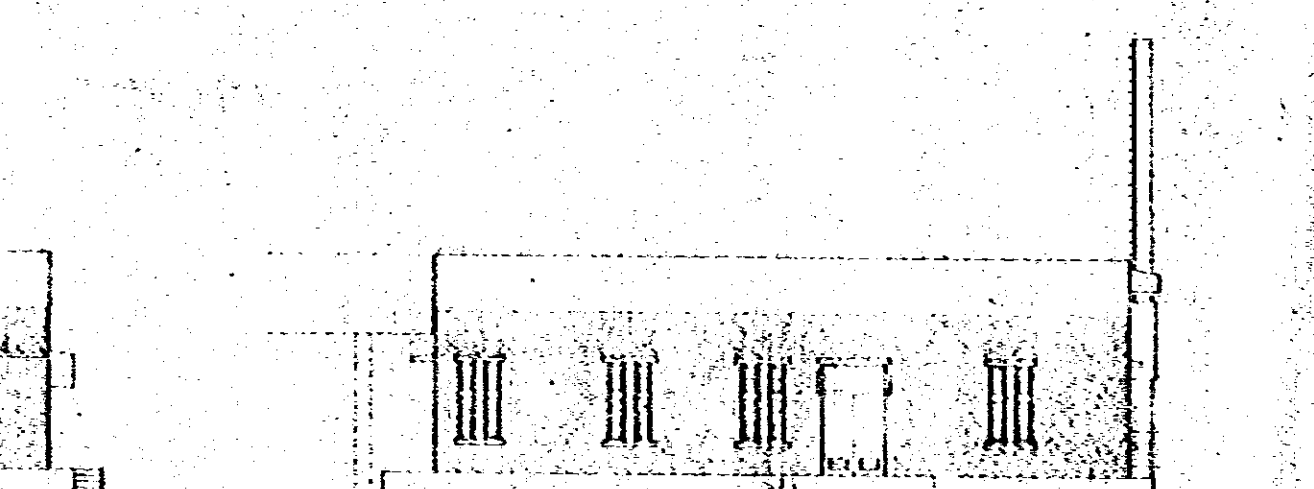
NORTH ELEVATION 5-500



WEST ELEVATION 5-500

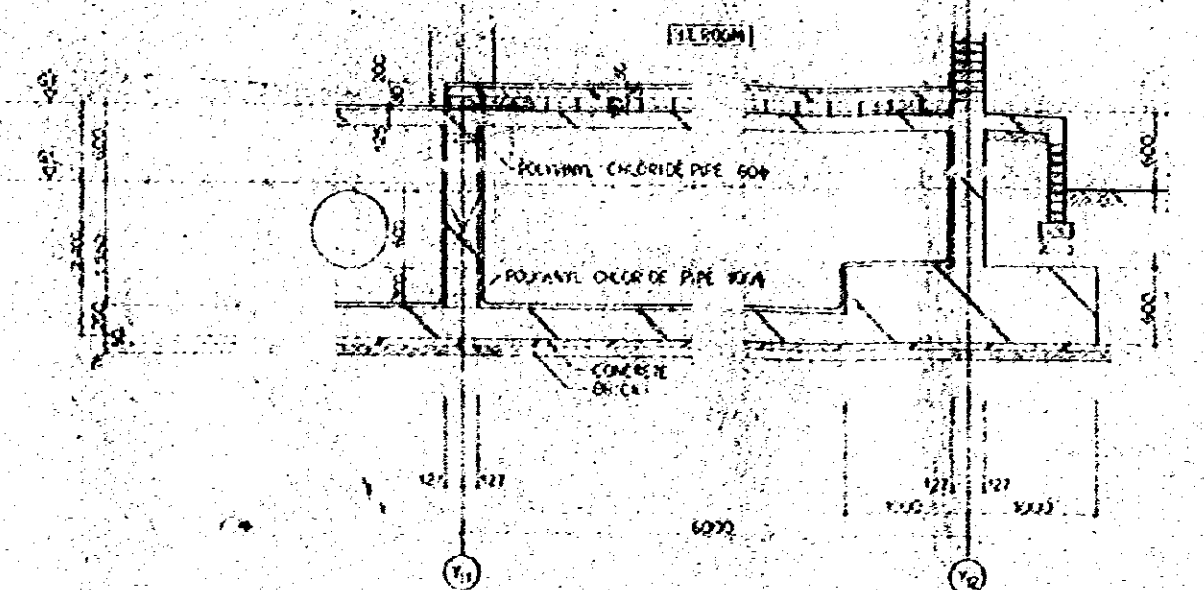


SOUTH ELEVATION 5-500

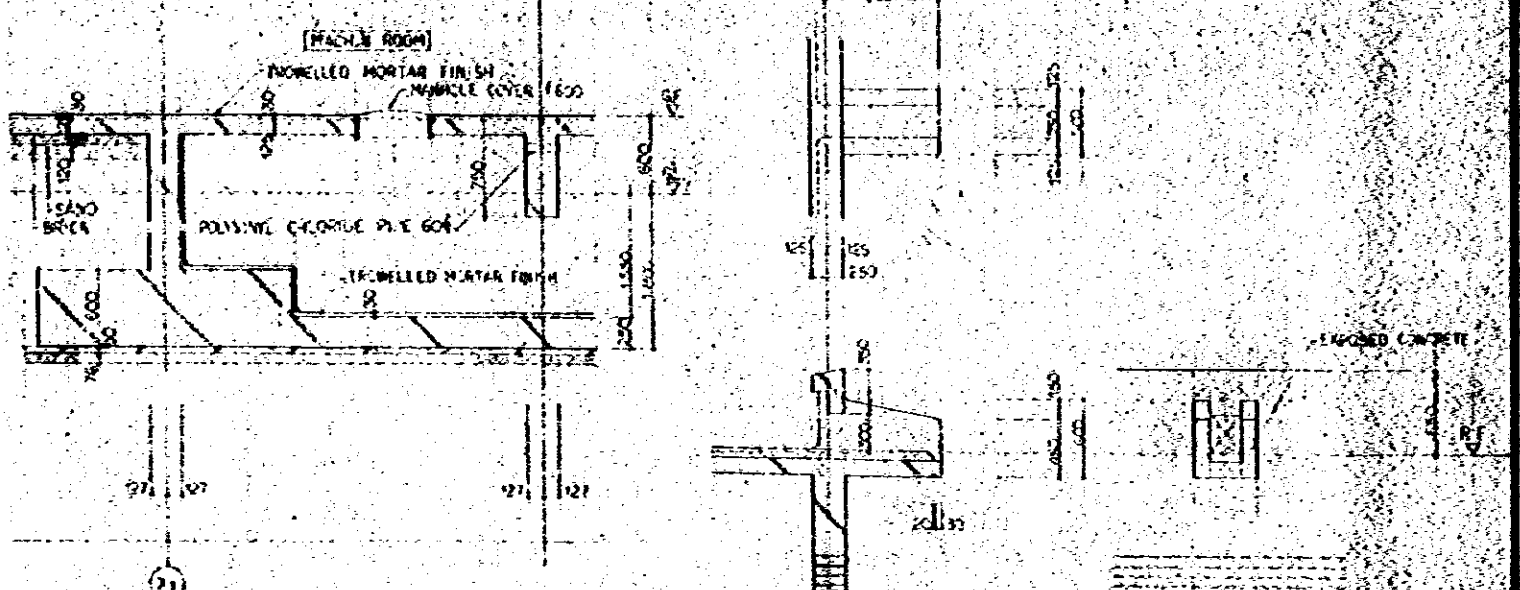


EAST ELEVATION 5-500

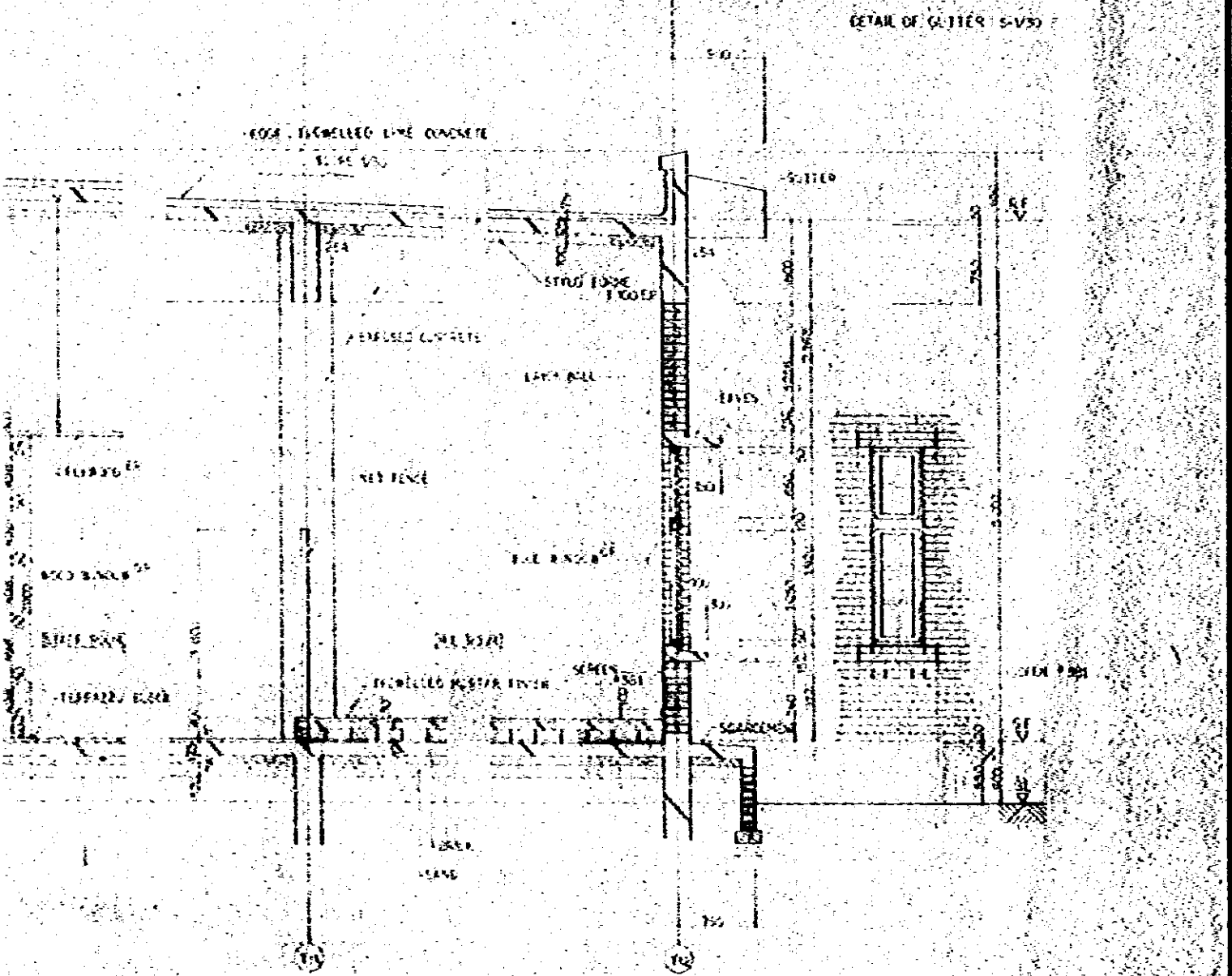
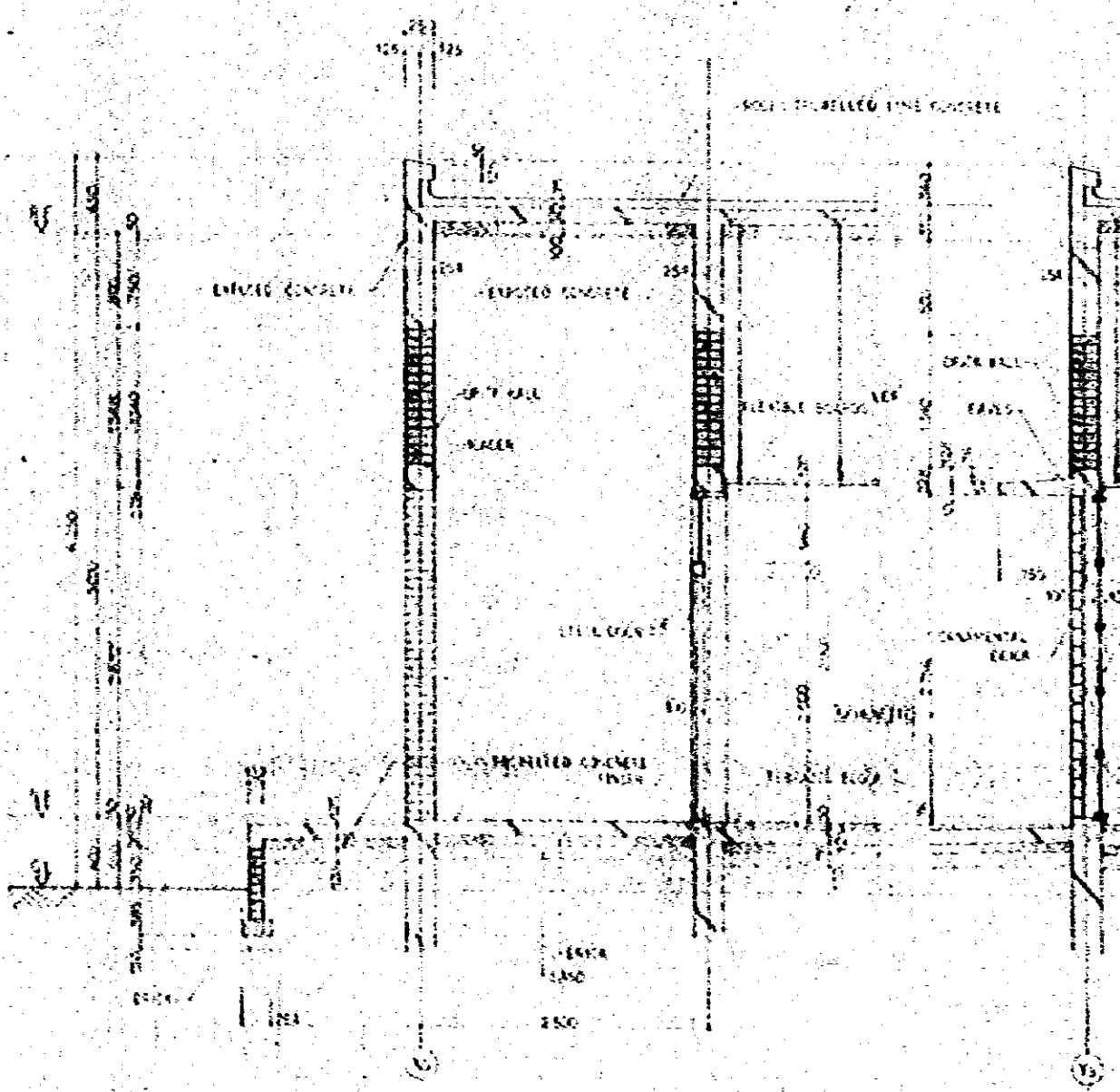
NATIONAL BROADCASTING HOUSE OF RADIO BARCELONA		A-01-02
ANNEX	SECTION ELEVATION	1:100
		R.S.
S.P.33 HORN ENGINEERS' CONSULTANTS CO., LTD.		



WATER TANK SECTION DETAIL



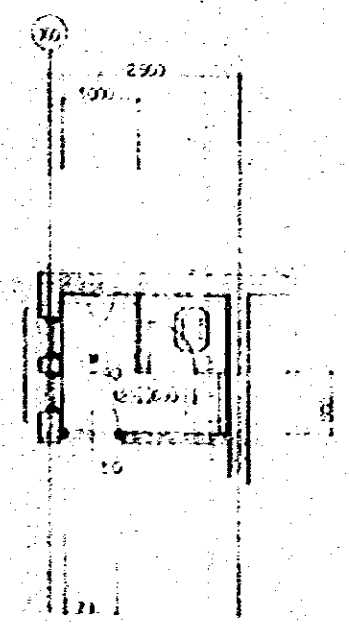
WATER TANK SECTION DETAIL



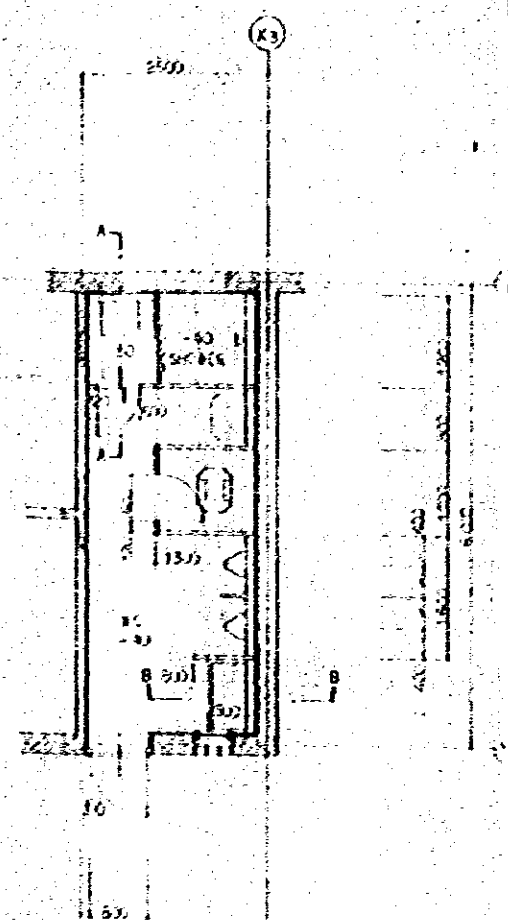
SECTION DETAIL OF WINDOW 5-V-30

DETAIL OF GUTTER 5-V-30

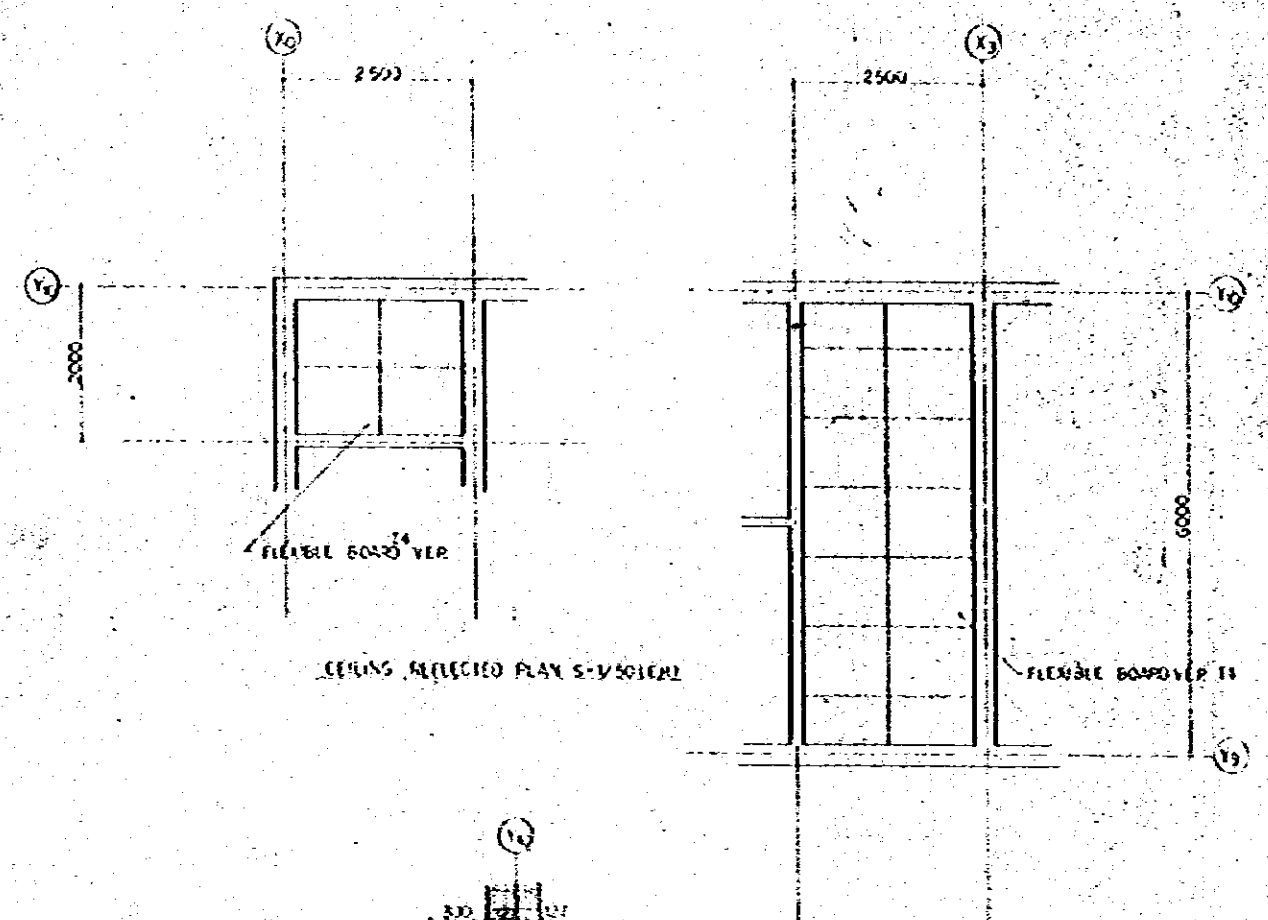
1/20
 1/20
 1/20



DETAIL OF WINDOW FRAME

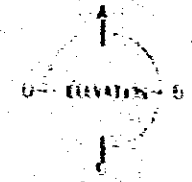


DETAIL OF WINDOW FRAME

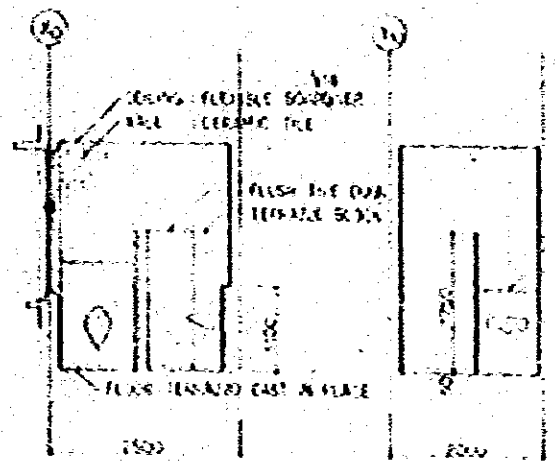


CEILING REFLECTED PLAN S-1/50 (VER.)

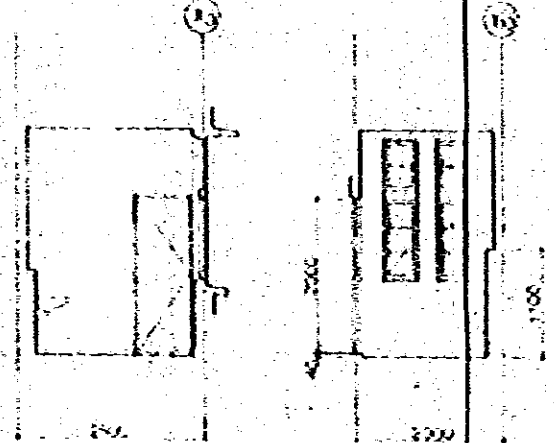
CEILING REFLECTED PLAN S-1/50 (TR.)



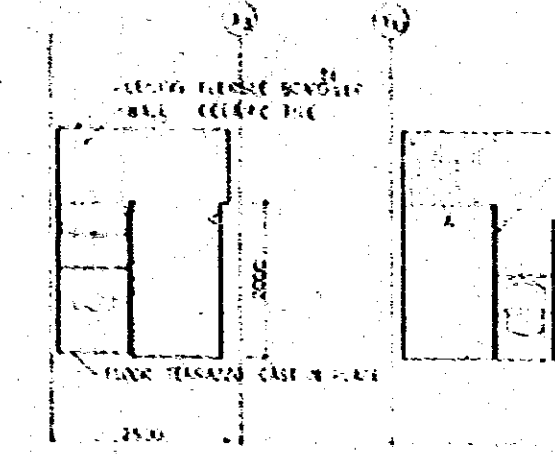
AD INTERIOR ELEVATION S-1/50



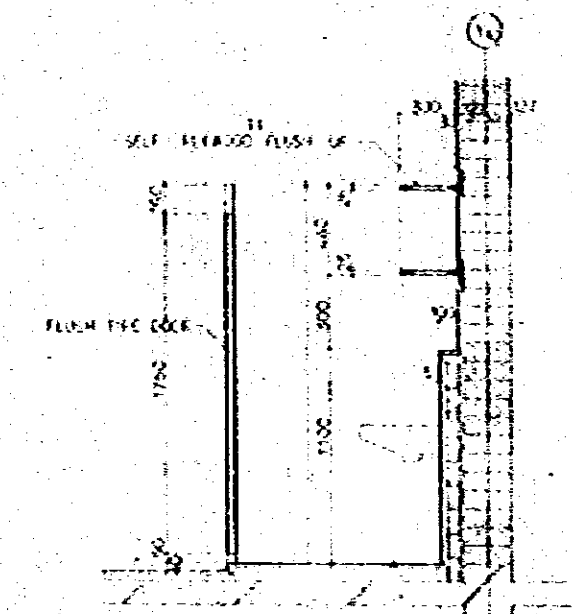
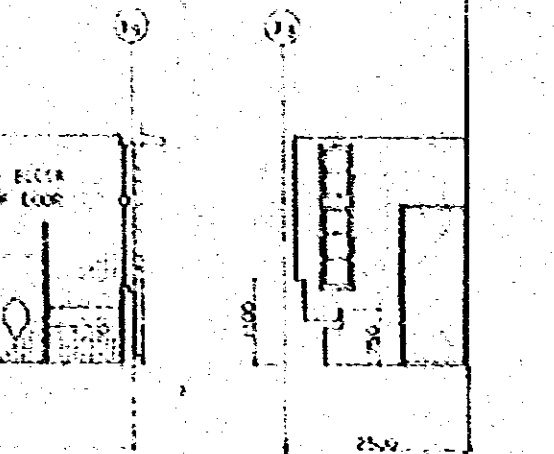
TERRAZZO GROUND



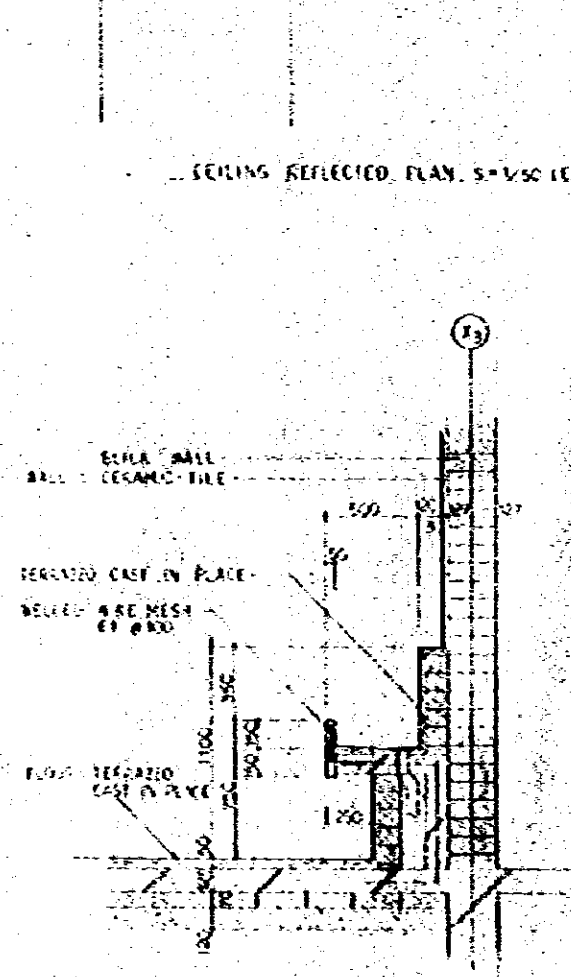
AD INTERIOR ELEVATION S-1/50



TERRAZZO GROUND

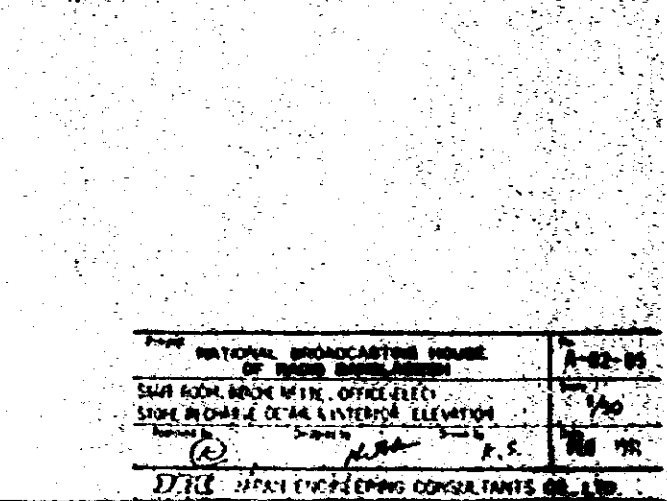
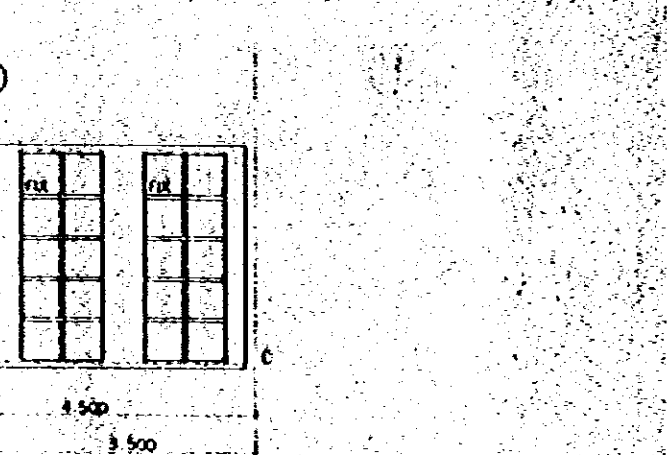
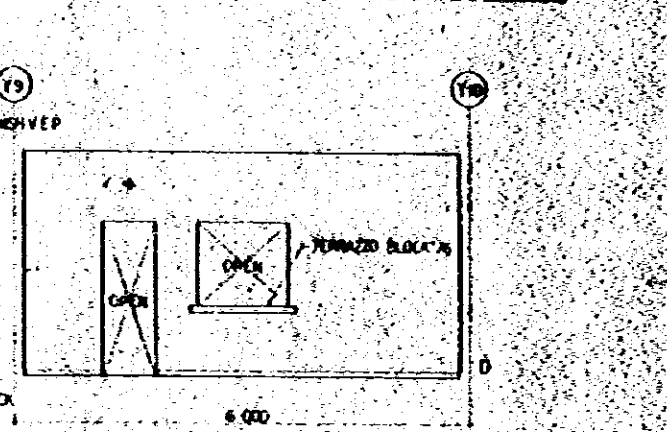
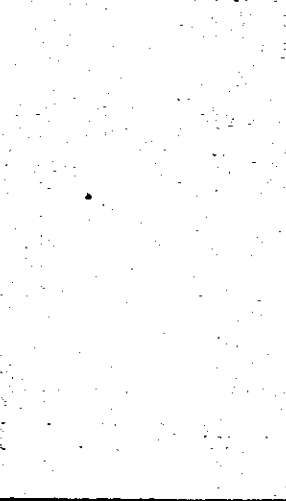
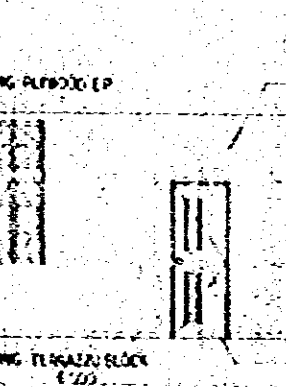
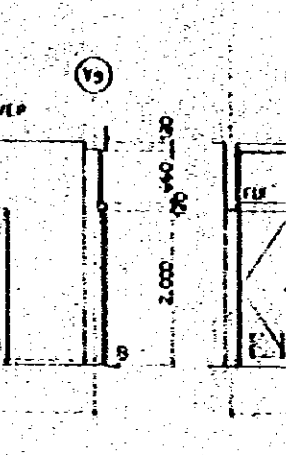
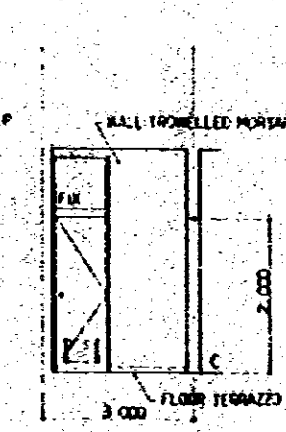
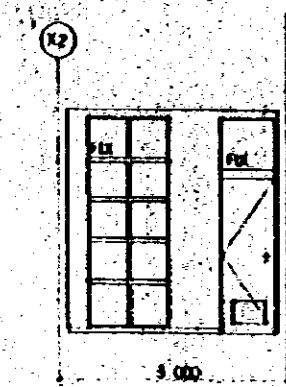
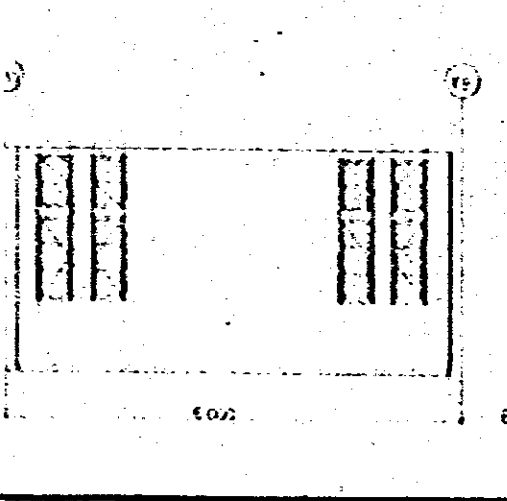
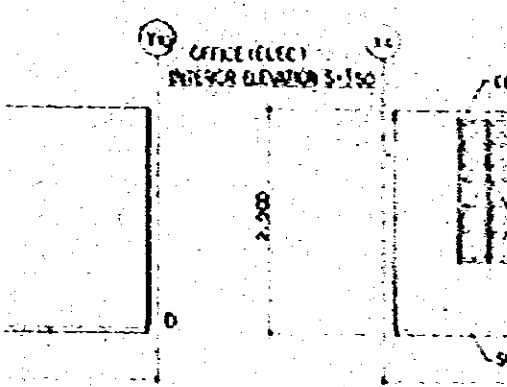
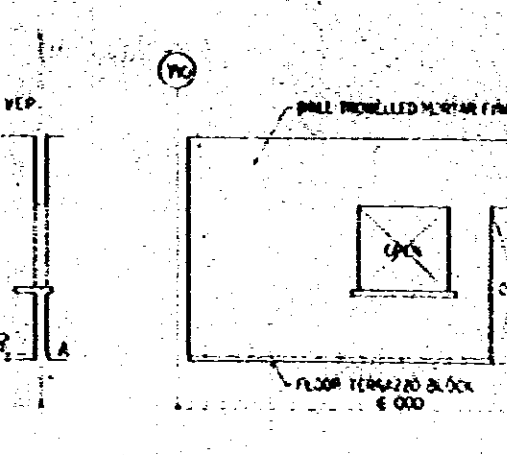
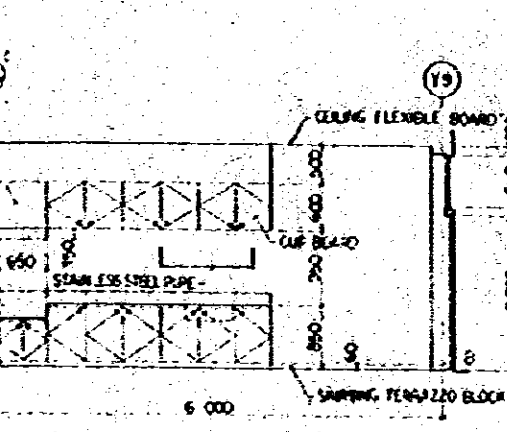
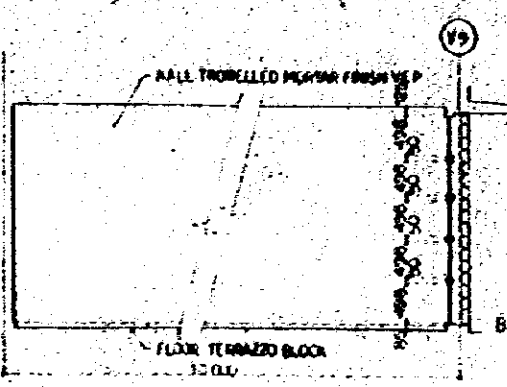
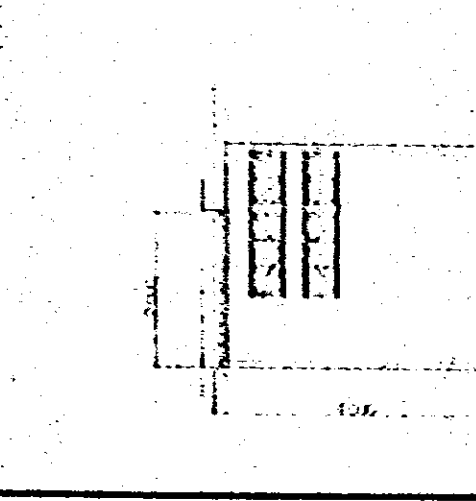
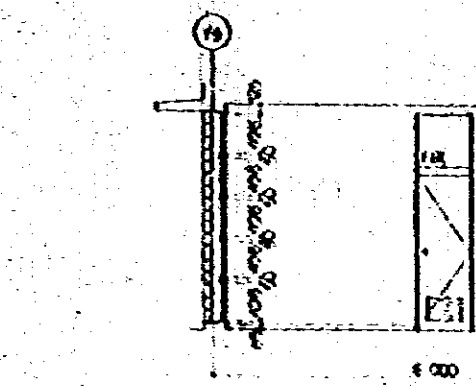
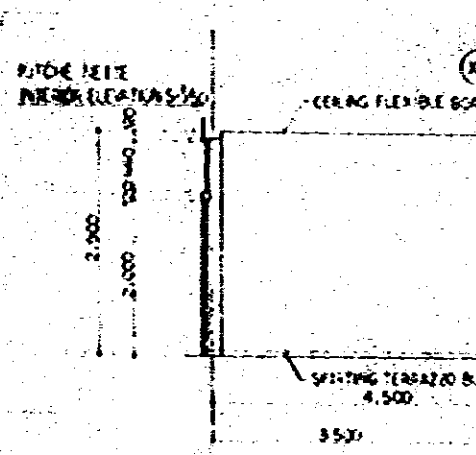
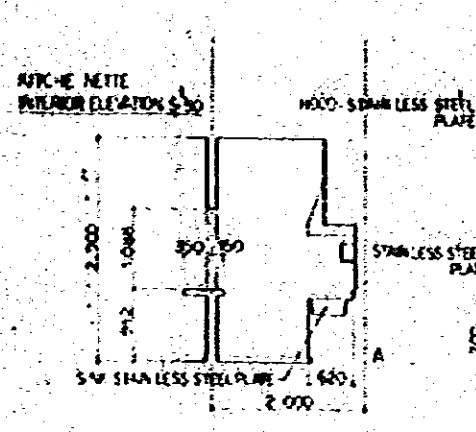
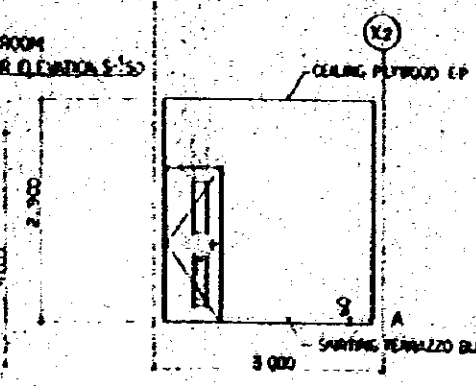
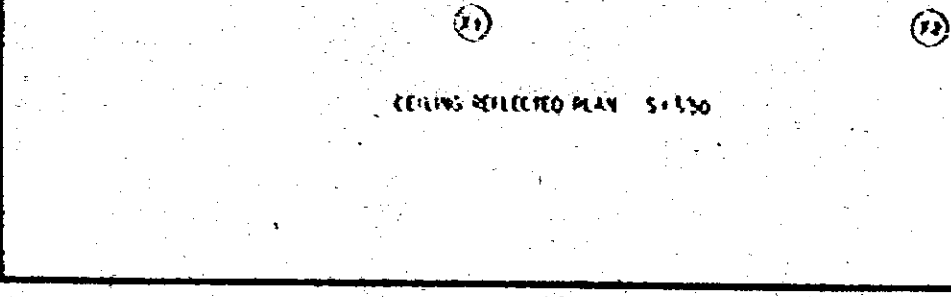
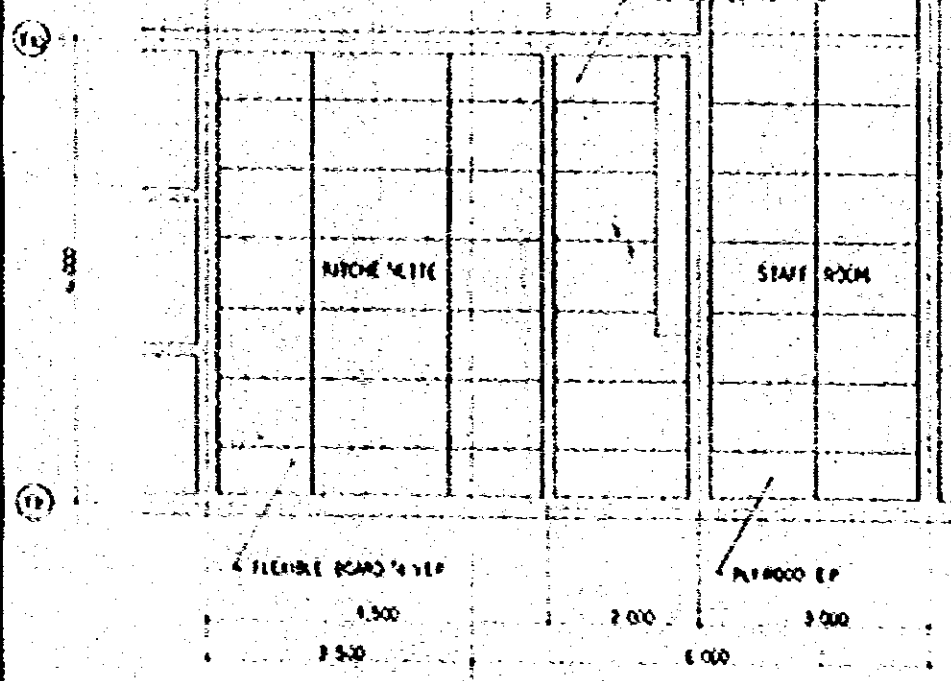
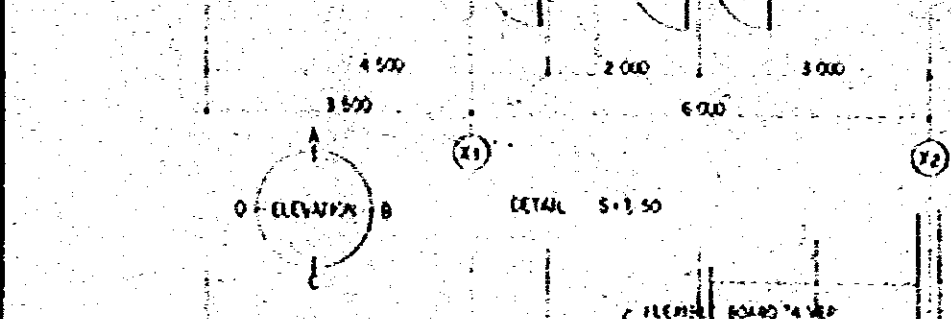
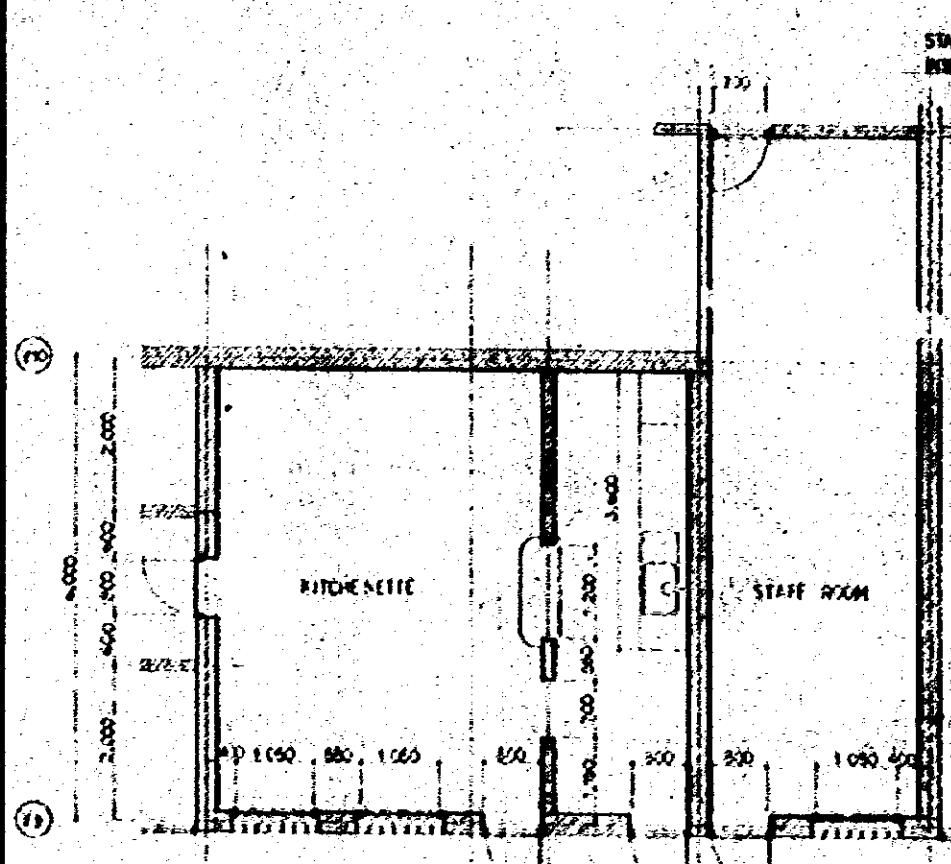


A-A SECTION DETAIL S-1/20

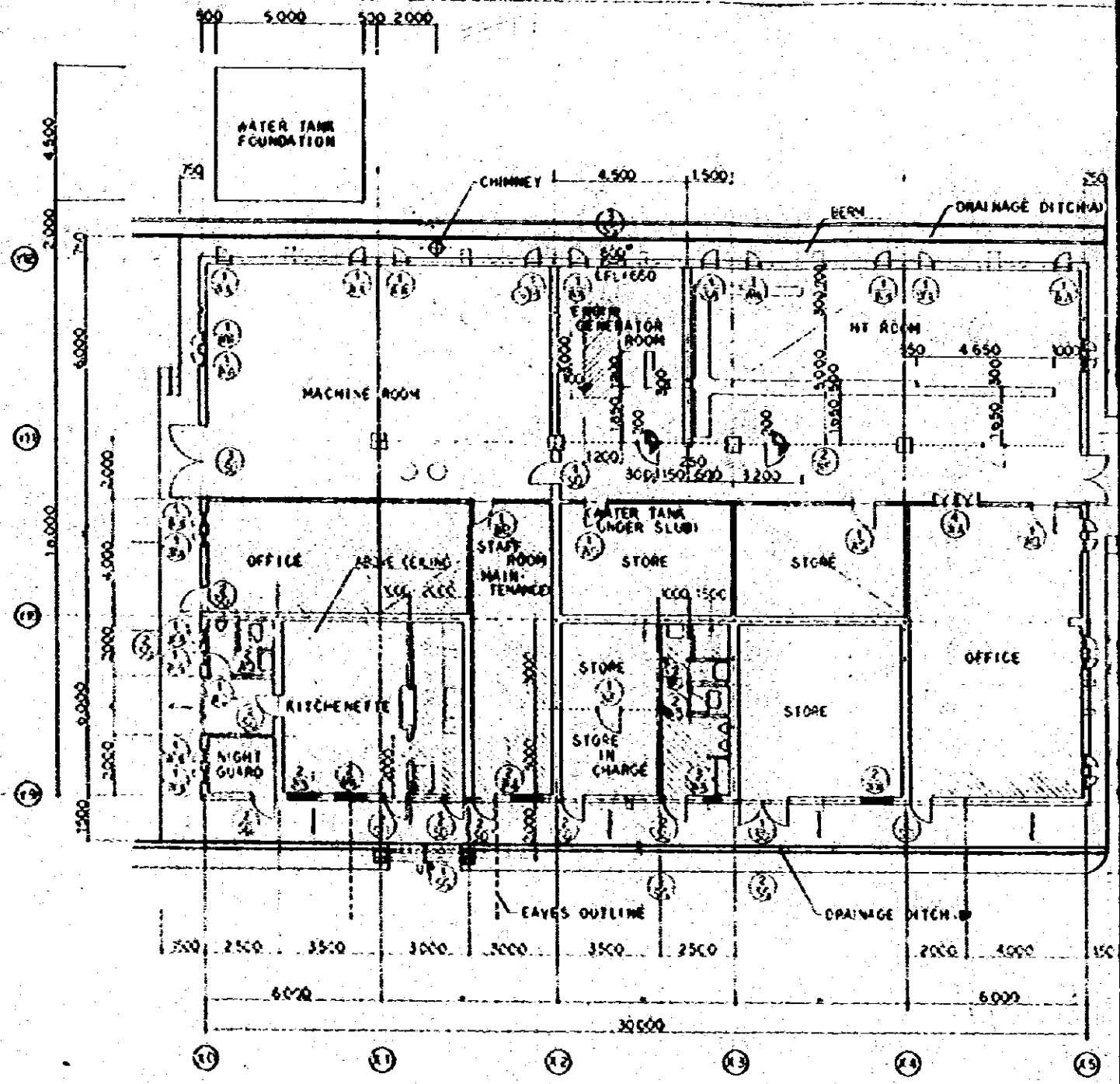


B-B SECTION DETAIL S-1/20

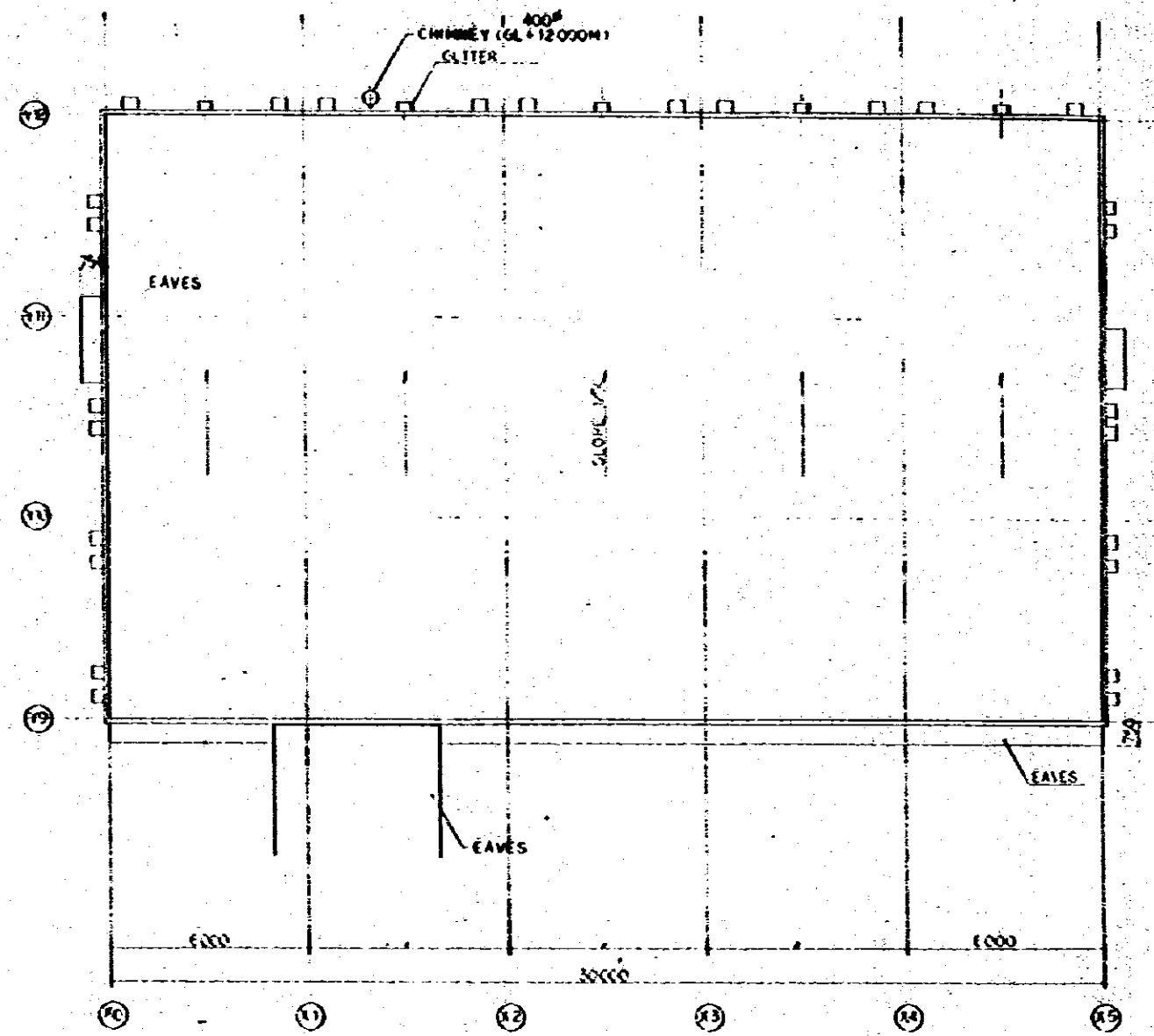
PROJECT	NATIONAL BROADCASTING HOUSE OF RADIO BUREAU	DATE	8-27-54
ARCHITECT	ASHITA & CO.	SCALE	1/50
DETAIL	DETAIL PLAN INTERIOR ELEVATION	NO.	7-30
DESIGNER	K.S.	DATE	7-30-54
ENGINEER	K.S.		
J.E.C. JAPAN ENGINEERING CONSULTANTS CO., LTD.			



Project NATIONAL BROADCASTING HOUSE OF BIRD BARRACKS
A-92-85
Scale 1/40
Drawn by [Signature]
Checked by [Signature] P.S.
Date 1968
D.T.C. ARCHITECTURAL CONSULTANTS CO. LTD.



GROUND FLOOR PLAN 1:100



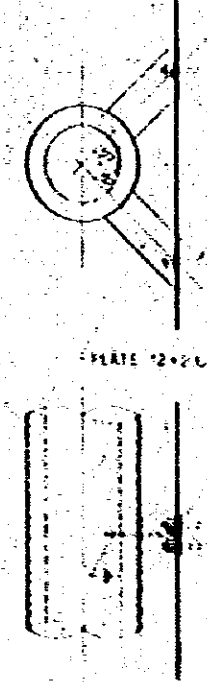
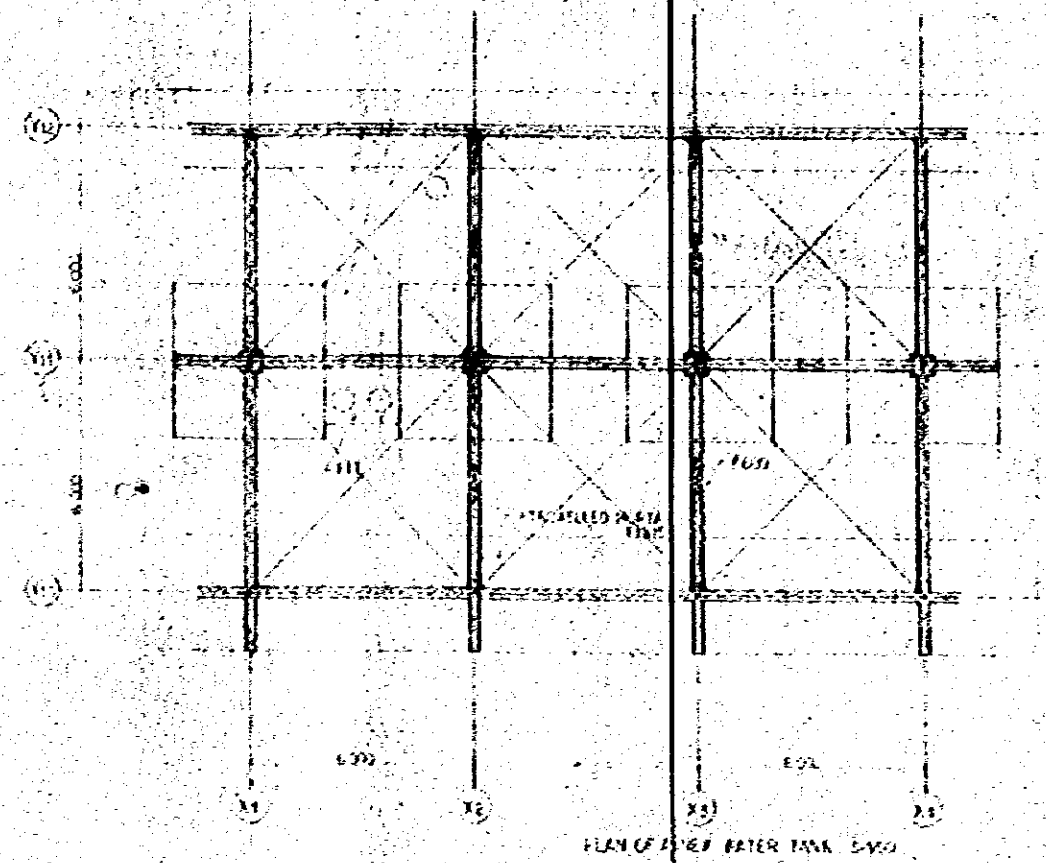
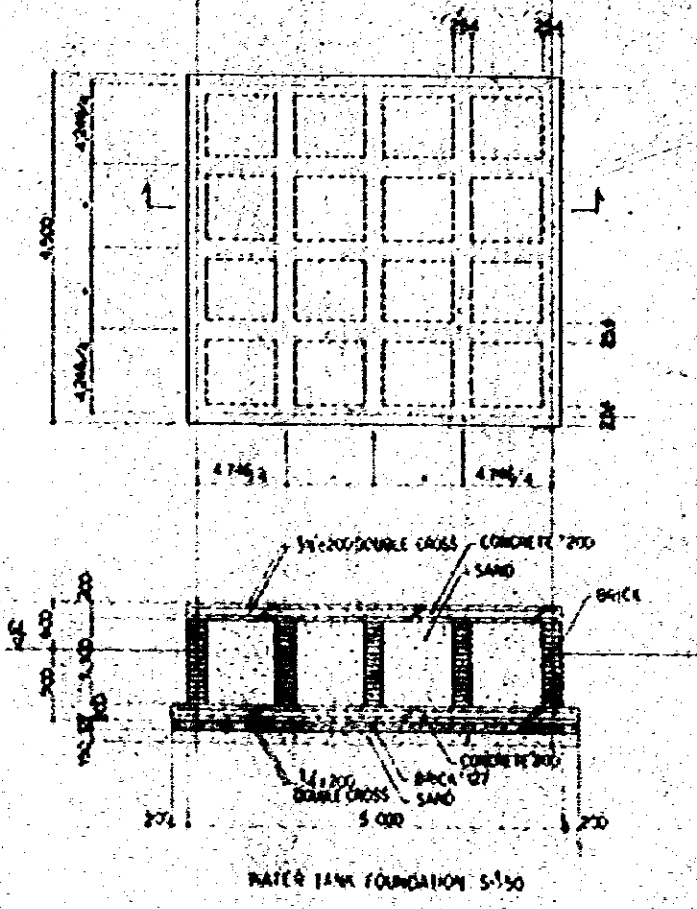
ROOF FLOOR PLAN 1:100

Project: NATIONAL BROADCASTING HOUSE OF SINGAPORE	Drawn: A-02-98
Sheet: ANNEX C FOR WINDOW REV PLAN	Scale: 1:100
Drawn by: [Signature]	Check by: K.S.
Date: 11.3.78	
J.E.C. JAPAN ENGINEERING CONSULTANTS CO., LTD.	

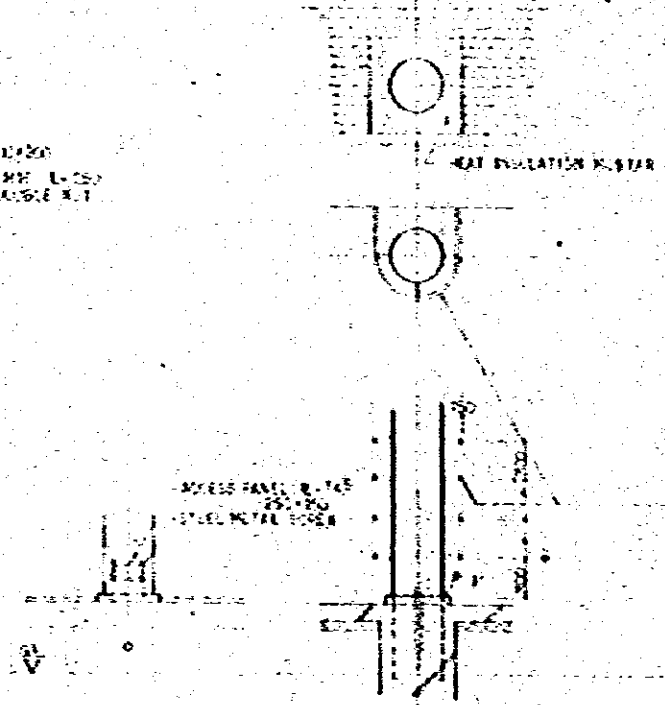
DESCRIPTION	STEEL FLUSH DOOR	STEEL FLUSH DOOR	STEEL FLUSH DOOR	STEEL FLUSH DOOR	VENEERED FLUSH DOOR	VENEERED FLUSH DOOR
FIGURE						
NUMBER	2	3	1	1	5	3
THICKNESS	45	45	45	45	35	35
GLASS	4 BED EDGEOLE GLASS 16B	4 BED EDGEOLE GLASS 16B	4	4	4 PANGLE GLASS 15	PLYWOOD
HANDLING	HINGE FLUSH BOLT	HINGE FLUSH BOLT	HINGE FLUSH BOLT	HINGE FLUSH BOLT	HINGE FLUSH BOLT	STOP FILTER DOOR NO. 1 BUMPER
REMARKS	FRAME STEEL OR LUGGER IS OR VENTILATION COVER STEEL (SEE AREA 50%)	FRAME STEEL OR LUGGER IS OR VENTILATION COVER STEEL (SEE AREA 50%)	FRAME STEEL OR		VENTILATION COVER ALUMINUM (SEE AREA 50%)	

DESCRIPTION	WOOD CASEMENT WINDOW	WOOD FIXED WINDOW	WOOD FIXED WINDOW	WOOD CASEMENT WINDOW	STEEL GRILLE	NET FENCE
FIGURE						
NUMBER	25	10	1	40	55-1, 55-2	1
THICKNESS	45	45	45	45	100	45
GLASS	4 BED EDGEOLE GLASS 16B	4 BED EDGEOLE GLASS 16B	4 BED EDGEOLE GLASS 16B	4 BED EDGEOLE GLASS 16B	CP	CP
HANDLING	HINGE CASEMENT FASTENERS	CASEMENT NO. 1		CASEMENT FASTENERS	BRASS COIL	
REMARKS					SEE AREA 50%	HINGE CASEMENT FASTENERS

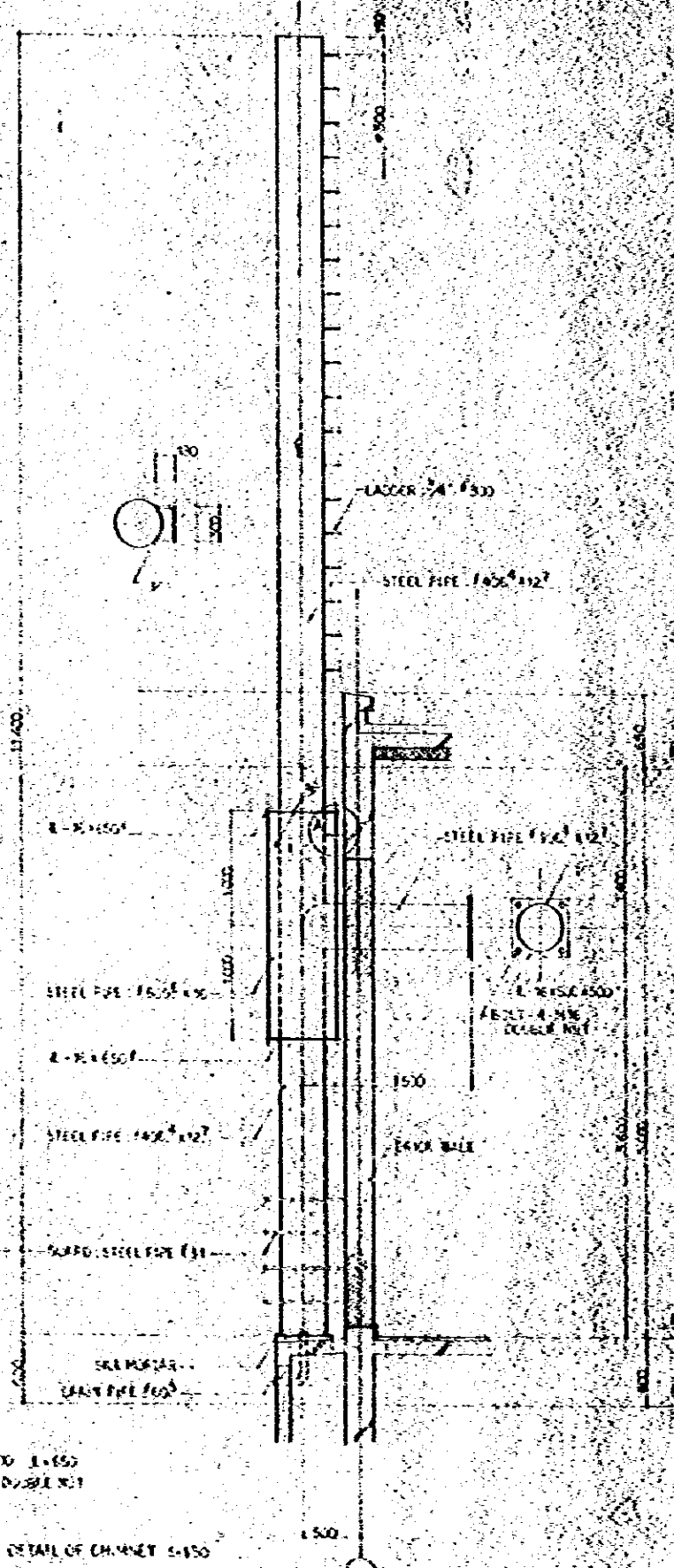
DESCRIPTION	NET FENCE
FIGURE	
NUMBER	1
THICKNESS	45
GLASS	CP
HANDLING	HINGE CASEMENT FASTENERS
REMARKS	HINGE CASEMENT FASTENERS



DETAIL OF 2.



DETAIL OF CHIMNEY S-130



GENERAL NOTE

INTERNAL CONCRETE SKELETON GENERAL F. 100 (ROOFS, BRICKWORK AGGREGATE)

REINFORCE PLAN MS BAR (SHELVING LAPPING, S. = 1800CPS) MENT DEFORMED JS 5030 (SHELVING LAPPING, D6 = 125)

CONCRETE BLOCK (--- TYPE)

FOUNDATION	FOOTING	POST AND BEAM	FOUNDATION BEAM	SLAB ON GROUND
REINFORCED CONCRETE	30	30	30	30
CAST IN PLACE CONCRETE	30	30	30	30
BEARING CAPACITY OF SOIL	76.2 (3)	50 (1)	50 (1)	50 (1)

INDEPENDENT FOOTING 11 (1/4") & 10 (1/4")
 CONTIGUOUS FOOTING 11 (1/4") & 10 (1/4")
 BEARING CAPACITY OF SOIL TESTS ARE INCLUDED FOUNDATION WORK
 (DEPTH = 0.1 - 1.800) YIELD POINT > 2.0 (1/4")
 (SITE = 72 Y3, 71 Y3, 72 Y3) ULTIMATE POINT > 3.0 (---)

ONCE AND REVISION OF DESIGN BY WORKING MACHINE OR MATERIAL HANDLING AND SUPPORTING CONDITIONS ONE MEMBER MAY BE REVISED. 224 SOIL CONDITION, FOUNDATION MAY BE REVISED.

STANDARD SPECIFICATION
 UNLESS NOTED IN DRAWING SPEC. PARTS, INCLUDING AND PLACING OF CONCRETE, MANUFACTURING, SETTING, ANCHORING AND THICKNESS OF REINFORCEMENTS, SETTING AND REPLACING ARE ACCORDING TO "SASS".

- WORKING DRAWING (BY APPROVAL OF SUPERVISOR, SOME OMISSION IS PERMITTED.)
- 1. PERIODIC TO SOME CONSTRUCTION STAGE, BUILDER SHALL OFFER DRAWING FOR SUPERVISOR'S APPROVAL.
- A. PROGRESS SCHEDULE
- B. MATERIAL (PALE CONCRETE, REINFORCEMENT ETC.) ORDERING AND STOCKING SCHEDULE
- C. PANEL WORKING DIAG (INCLUDING EASH, OPENING FOR EQUIPMENT, SLEEVES)
- D. REINFORCEMENT MANUFACTURING LOG.
- E. CERTIFICATES OF REINFORCEMENT MILDERS
- F. CONCRETE MIXING CHART (SUPERVISOR'S CHECK PERIOD IS 7 DAYS INCLUDING DAY OF CURE.)
- 2. AFTER SOME CONSTRUCTION STAGE, BUILDER SHALL OFFER REPORTS FOR SUPERVISOR'S APPROVAL.
- G. TEST PILING DATA REPORT
- H. MIXING DATA REPORT
- I. REINFORCEMENT TENSION TEST REPORT
- J. REINFORCEMENT PRESSURE WELDING TEST REPORT
- K. CONCRETE COMPRESSION TEST REPORT

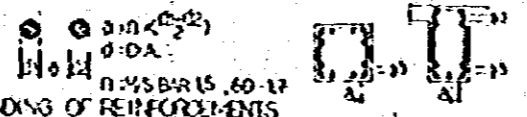
1. MARKS OF REINFORCEMENTS

C/A	MARK	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"
MS BAR	50	0.12	0.15	0.18	0.22	0.27	0.35

2. BENDING AND SPACING LENGTH OF REINFORCEMENTS

MS BAR	W/TH	51	52	53	54	55
5030	W/TH	51	52	53	54	55
		51	52	53	54	55
5030	W/TH	51	52	53	54	55
		51	52	53	54	55

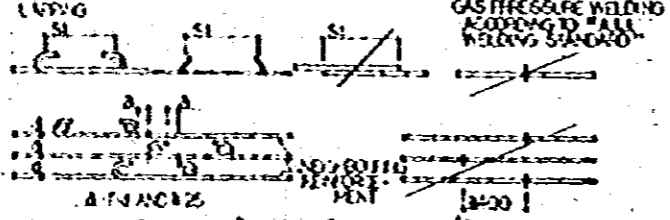
4. SPACING OF REINFORCEMENTS



5. BENDING OF REINFORCEMENTS

REINFORCEMENT	180° BEND	90° BEND	45° BEND	CORNER 100%
R				
5030	1.15d	1.15d	1.15d	1.15d
50	1.20d	1.20d	1.20d	1.20d

6. SPACING OF REINFORCEMENTS



7. CASES OF REINFORCEMENTS

- A. END OF FLANGE/BEAM
- B. CENTER OF COLUMN
- C. END OF COLUMN
- D. END OF COLUMN
- E. END OF COLUMN
- F. END OF COLUMN

8. MARK OF MEMBERS

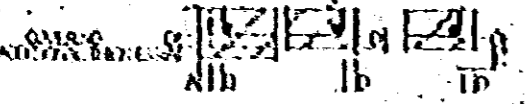
1. FOOTING	2. BEAM	3. WALL
4. COLUMN	5. ISOLATION BEAM	6. PERIMETER WALL
7. POST	8. ISOLATION BEAM	9. CONCRETE BLOCK
10. ISOLATION BEAM	11. ISOLATION BEAM	12. ISOLATION BEAM

S1 - MAXIMUM LENGTH FOR TENSION
 S2 - MINIMUM EXTRA LENGTH
 S3 - MINIMUM EXTRA LENGTH

3. COVER FOR REINFORCEMENTS (mm)

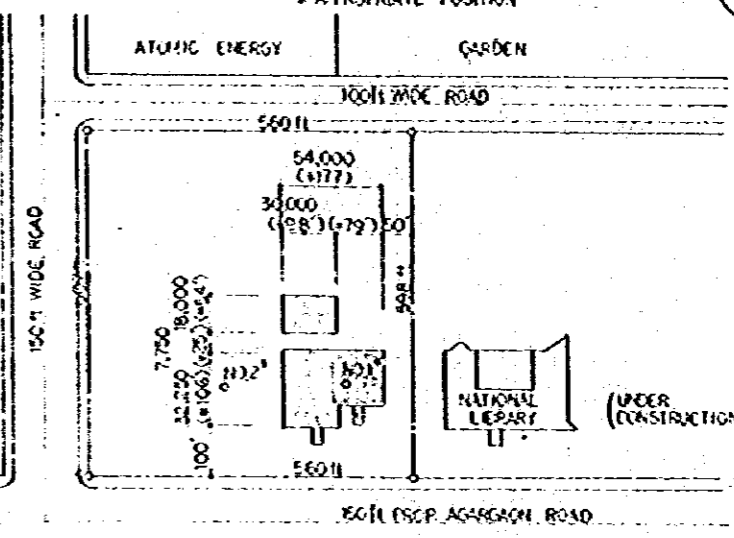
CLASS	EXPOSED TO WEATHER	NOT EXPOSED TO WEATHER	MINIMUM	MAXIMUM
SLAB	20	30	30	40
WALL	20	30	30	40
BEAM	20	30	30	40
POST	20	30	30	40
ISOLATION BEAM	20	30	30	40
PERIMETER WALL	20	30	30	40
CONCRETE BLOCK	20	30	30	40
POST	20	30	30	40
ISOLATION BEAM	20	30	30	40

FOR NOMINAL PROTECTIVE CONCRETE PLAN FROM THE OPERATOR



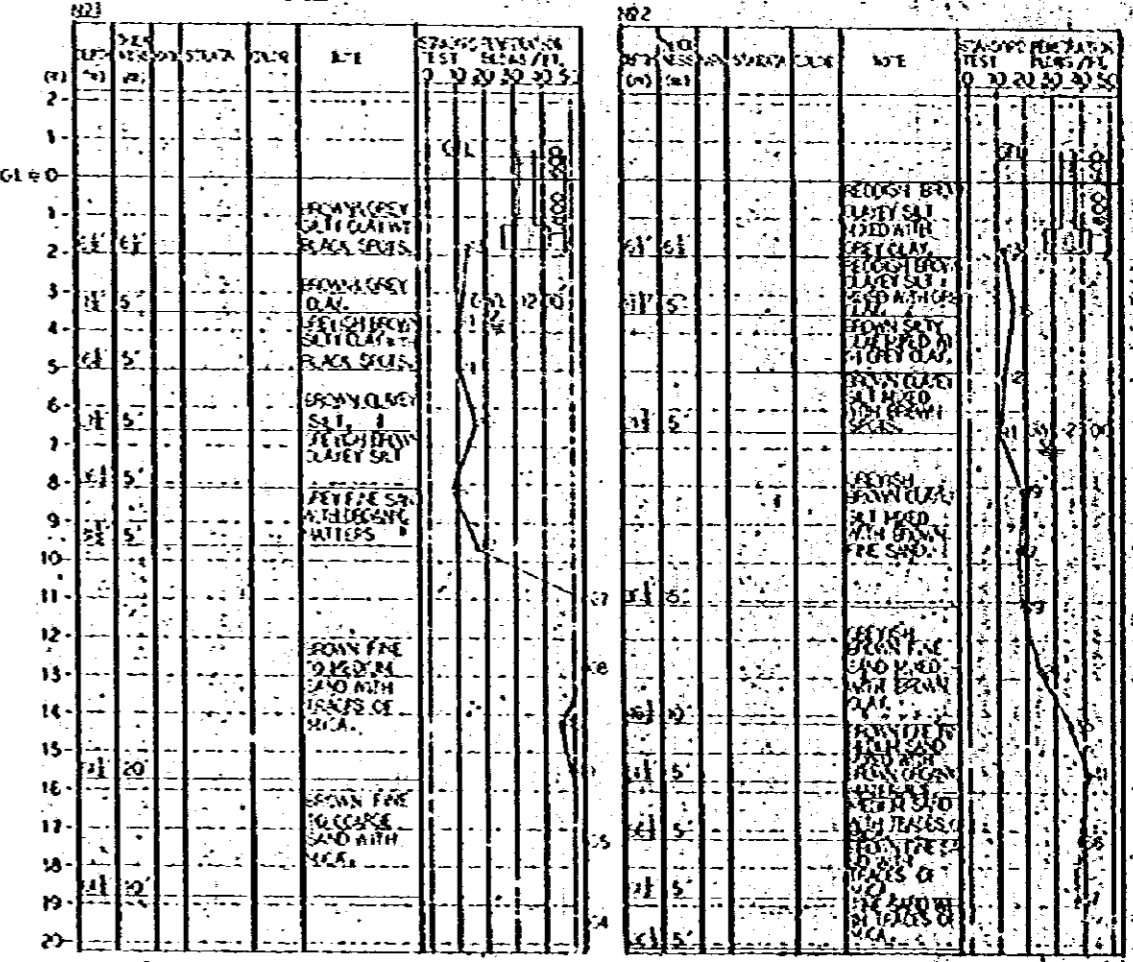
BOILING SITE PLAN

SCALE 1:2000
 # APPROPRIATE POSITION

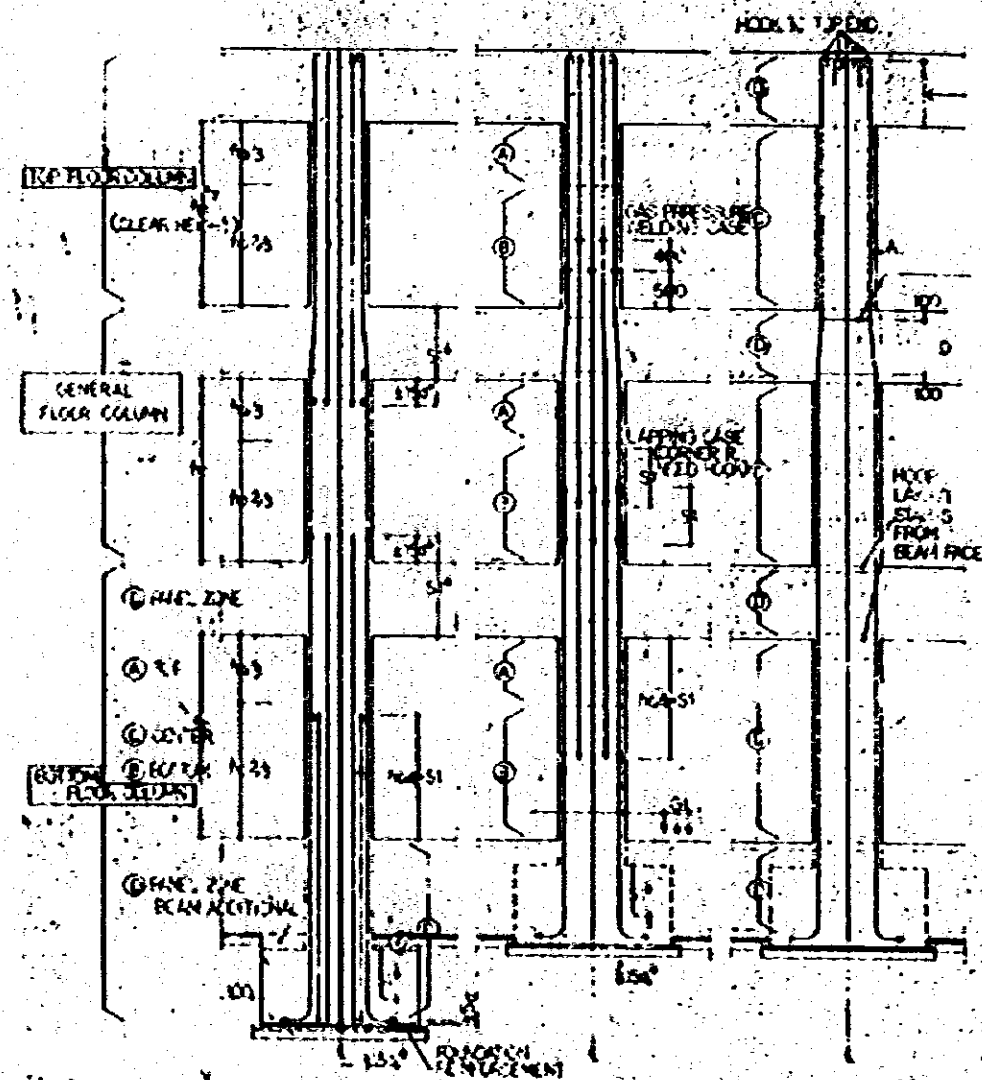


BORE CHART

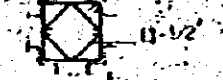
SCALE 1:100



COLUMN STANDARD



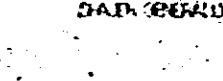
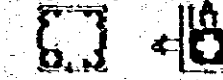
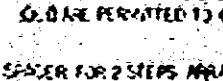
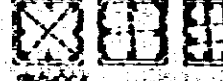
REINFORCING BEND POSITION OF MAIN R.



HOOK - SEE COLUMN SCHEDULE, GENERALLY CENTER PANEL ZONE ϕ 45-100 HOOK POSITION MUST BE ALTERNATELY

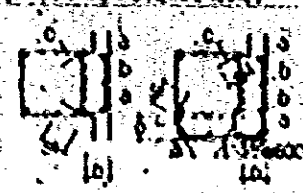


ADJACENT HOOP - SEE COLUMN SCHEDULE, GENERALLY CENTER ONLY ϕ 45-100



- NOTE 1 - MAIN R. END (CORNER R. END HOOK)
 2 - SP. END ZONE ϕ 45-100
 3 - SP. END LARGE ONE USED.
 4 - SP. END BEAM ADDITIONAL CASE: HOOK POSITION ϕ
 5 - SP. END PART FACTOR IS FOR ALTERNATE ADDRESS = 10

COLUMN PLATE WITH REINFORCING (NO CASE NO REINFORCING)



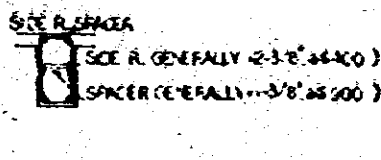
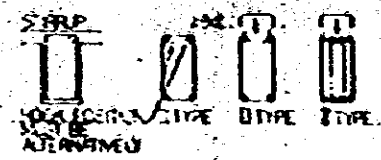
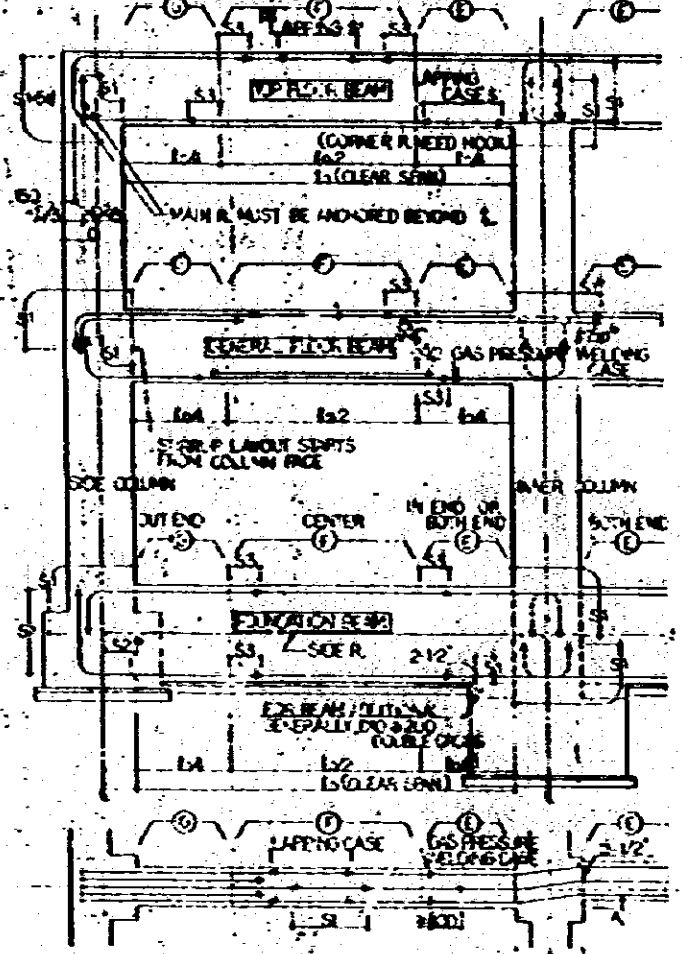
1	2	3
4	5	6
7	8	9
10	11	12

BEAM ADDITIONAL WITH REINFORCING (NO CASE NO REINFORCING)

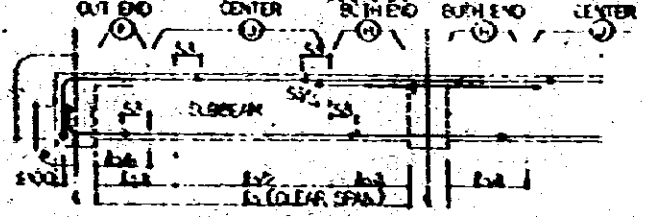


1	2	3
4	5	6
7	8	9
10	11	12

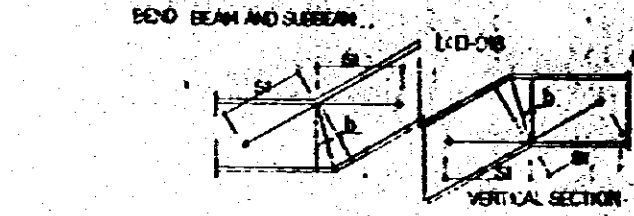
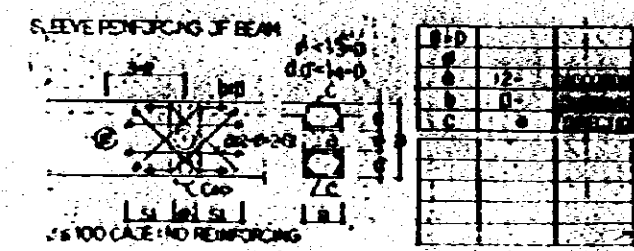
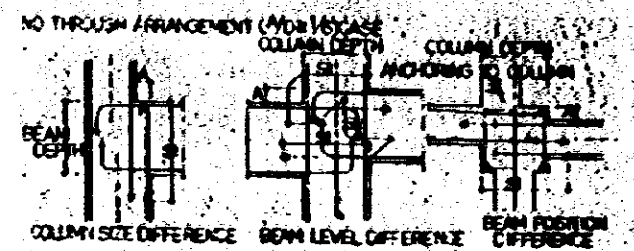
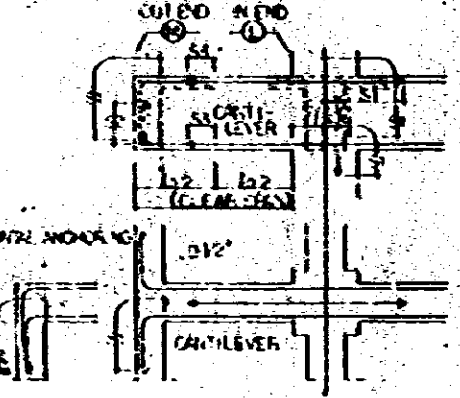
BEAM STANDARD



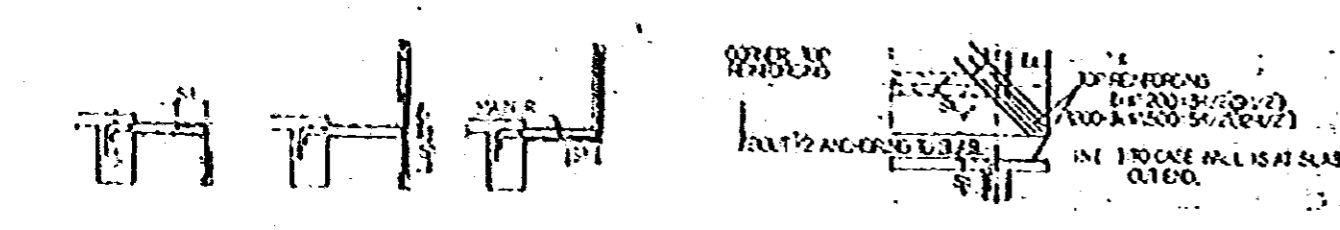
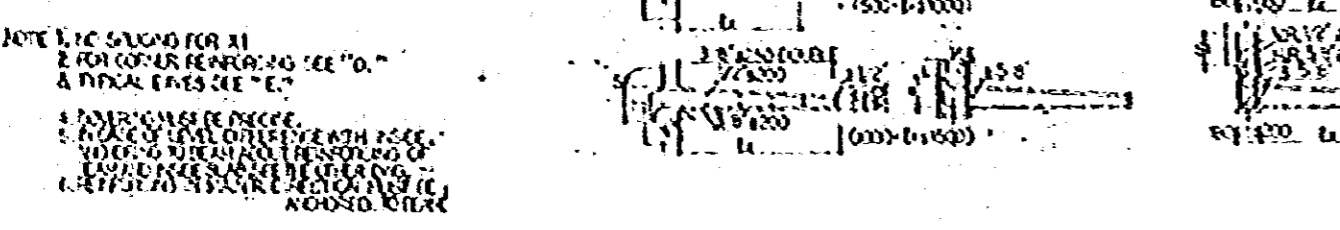
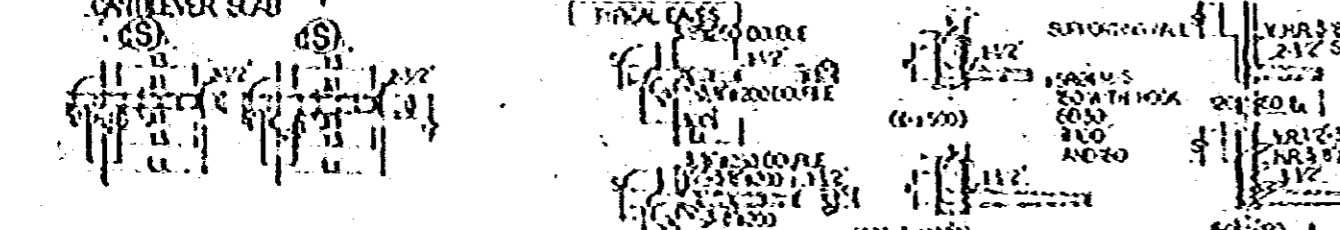
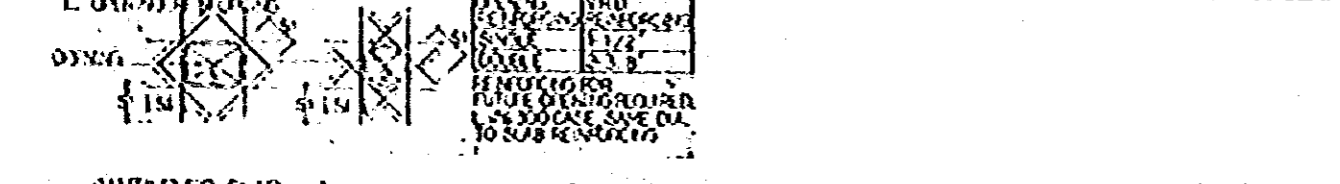
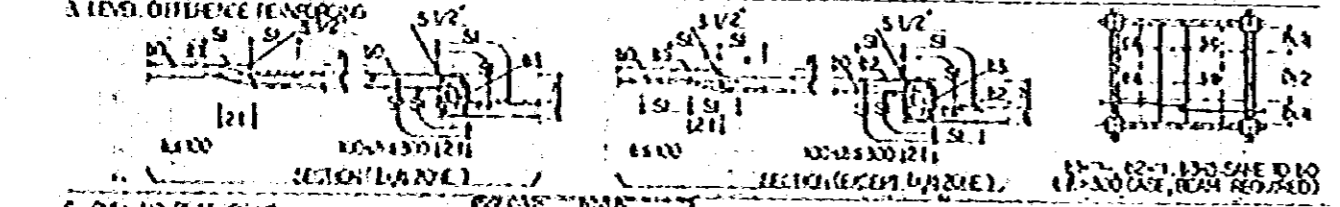
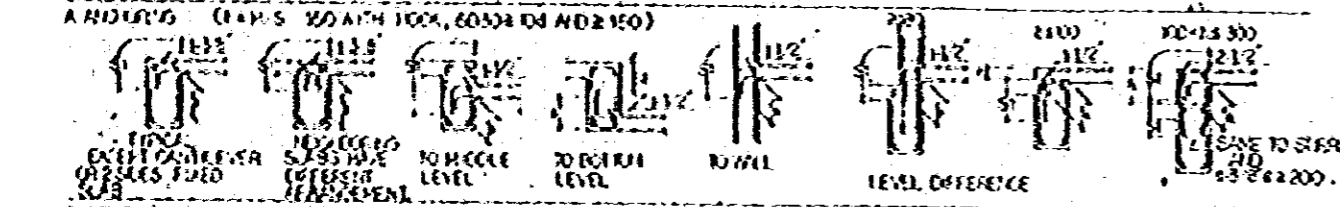
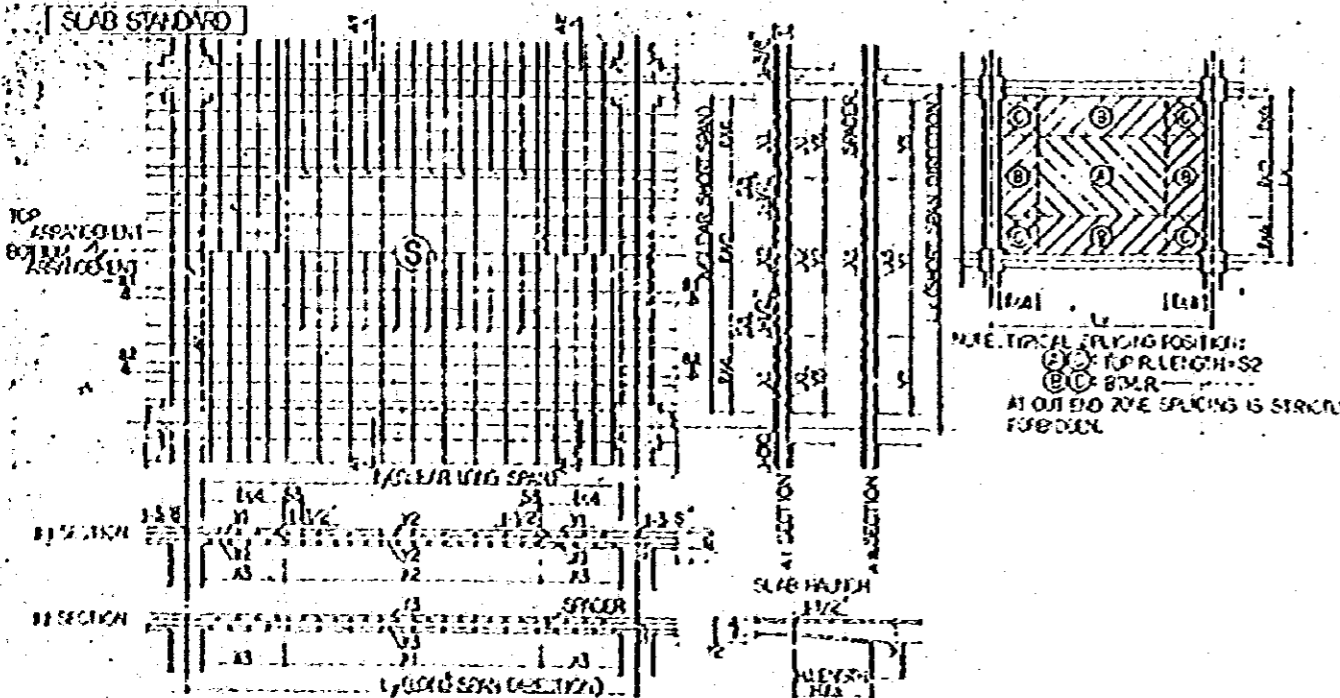
SLEEVE AND CANTILEVER STANDARD



- NOTE 1 - UNLESS NOTED SEE BEAM STANDARD
 2 - MAIN R. SPACING POSITION: CENTER OF R. OF SLEEVE
 3 - MAIN R. OF CANTILEVER



- NOTE 1 - MAIN R. END (CORNER R. END HOOK)
 2 - SP. END ZONE ϕ 45-100
 3 - SP. END LARGE ONE USED
 4 - SP. END BEAM ADDITIONAL CASE: HOOK POSITION ϕ
 5 - SP. END PART FACTOR IS FOR ALTERNATE ADDRESS = 10

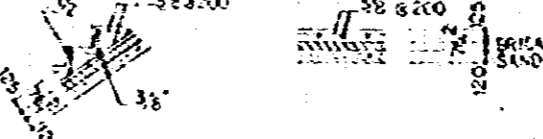


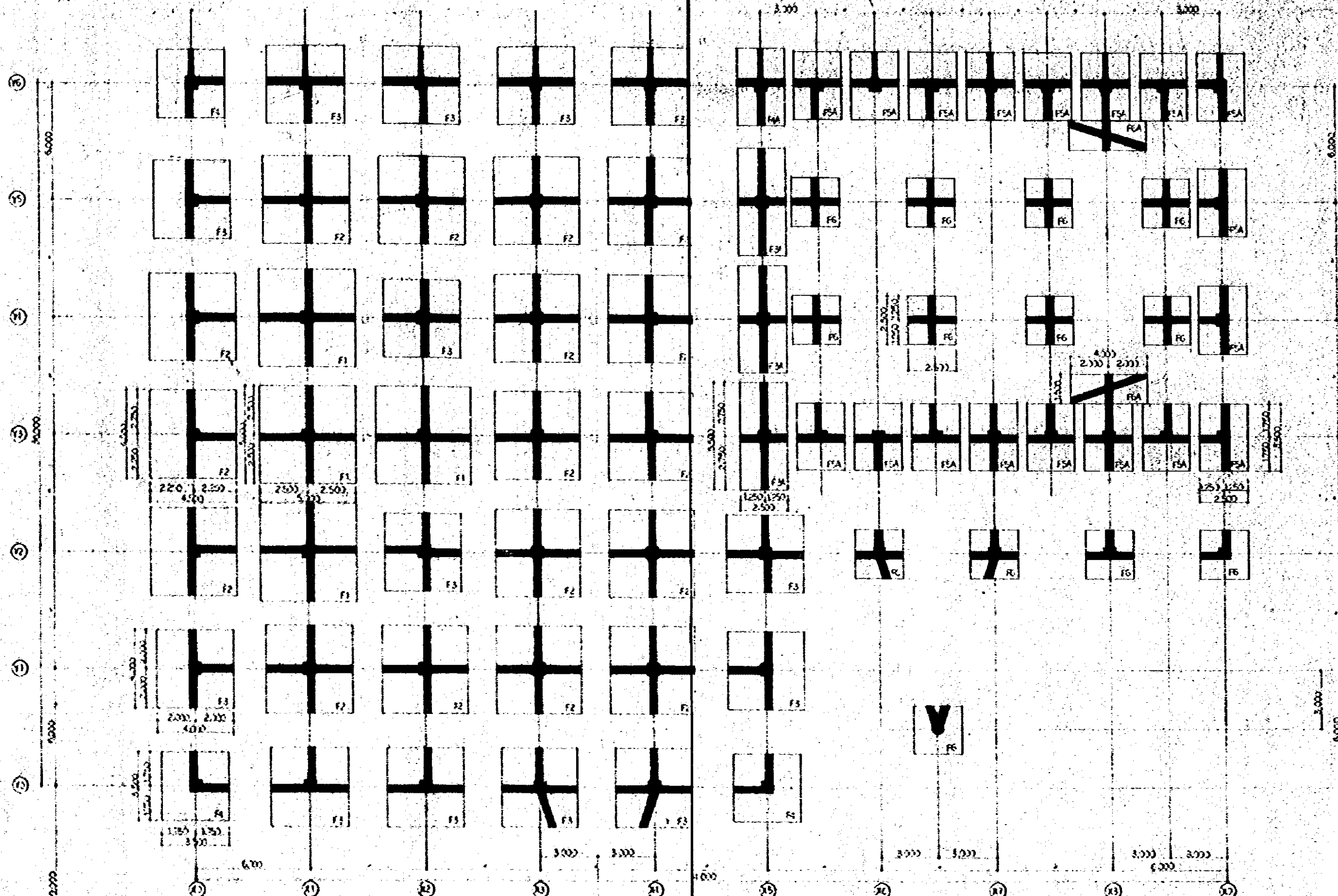
SLAB SCHEDULE C: CROSS, D: DOUBLE, S: SINGLE, 3/2"=3/8" AND 1/2" ALTERNATIVE

MARK	SHORT SPAN LX	LONG SPAN LY	THICKNESS I	ASSIGNMENT	X (CROSS SECTION)			Y (LONG SPAN SECTION)			NOTE
					START	END	START	END	START	END	
MAIN BUILDING	(S)	2,000	6,000	125	TOP	1/2" @ 200	3/8" @ 200	3/8" @ 200	3/8" @ 250	3/8" @ 250	
	(S)				BTM	3/8" @ 400	3/2" @ 200	3/8" @ 200	3/8" @ 500	3/8" @ 250	
	(S)	2,500	6,000		TOP	3/2" @ 200	3/8" @ 400	3/8" @ 200	3/8" @ 250	3/8" @ 500	
	(S)				BTM	3/8" @ 400	3/2" @ 200		3/8" @ 500	3/8" @ 250	
	(S)	3,000	6,000		TOP						
	(S)				BTM						
	(S)	3,500	6,000		TOP	1/2" @ 200		3/8" @ 200	1/2" @ 250	3/8" @ 250	
	(S)				BTM	3/8" @ 400	3/2" @ 200		3/8" @ 500	3/2" @ 250	
	(S)	4,000	6,000		TOP	1/2" @ 200	1/2" @ 400	3/8" @ 200	1/2" @ 250	3/8" @ 250	
	(S)				BTM	3/8" @ 400	3/2" @ 200		3/8" @ 500	3/2" @ 250	
	(S)				TOP	1/2" @ 150		3/8" @ 150	1/2" @ 250	3/8" @ 250	
	(S)				BTM	3/8" @ 300	3/2" @ 150		3/8" @ 500	3/2" @ 250	
	(S)				TOP	1/2" @ 150	1/2" @ 300	3/8" @ 150	1/2" @ 250	1/2" @ 500	3/8" @ 250
	(S)				BTM	3/8" @ 300	3/2" @ 150		3/8" @ 500	3/2" @ 250	
	(S)	3,000	3,000	125	TOP	3/2" @ 200		3/8" @ 200	3/2" @ 200	3/8" @ 200	
	(S)				BTM	3/8" @ 400	3/2" @ 200		3/8" @ 400	3/2" @ 200	
	(S)	3,000	3,000		TOP	3/2" @ 200	3/8" @ 400	3/8" @ 200	3/2" @ 200	3/8" @ 400	3/8" @ 200
	(S)				BTM	3/8" @ 400	3/2" @ 200		3/8" @ 400	3/2" @ 200	
	(S)			125	TOP				1/2" @ 200	DC	
	(S)				BTM				1/2" @ 25	DC	
(S)			90	TOP				3/8" @ 200	DC		
(S)				BTM							
(S)			125	TOP	1/2" @ 150					3/8" @ 250	
(S)				BTM	3/8" @ 150						
(S)			125	TOP	1/2" @ 200					3/8" @ 250	
(S)				BTM	3/8" @ 200						
(S)	3,000	6,000	125	TOP	1/2" @ 200	1/2" @ 400	3/8" @ 200	1/2" @ 200	1/2" @ 400	3/8" @ 200	
(S)				BTM	3/8" @ 400	3/2" @ 200		3/8" @ 400	3/2" @ 200		
(S)				TOP	3/2" @ 200	3/8" @ 400	3/8" @ 200	3/2" @ 200	3/8" @ 400	3/8" @ 200	
(S)				BTM	3/8" @ 400	3/2" @ 200		3/8" @ 400	3/2" @ 200		
(S)				TOP							
(S)				BTM							
(S)			125	TOP	1/2" @ 200					3/8" @ 250	
(S)				BTM	3/8" @ 200						
(S)			125	TOP	1/2" @ 125					3/8" @ 250	
(S)				BTM	3/8" @ 250						

(THE SLAB IN THE CORNER HAS TO BE IN PARTIAL CORNER TO CS SHOULD BE SAME TO CS / 3, IF ORIGINAL IS MORE LESS)

SLAB ON THE GROUND = (S)

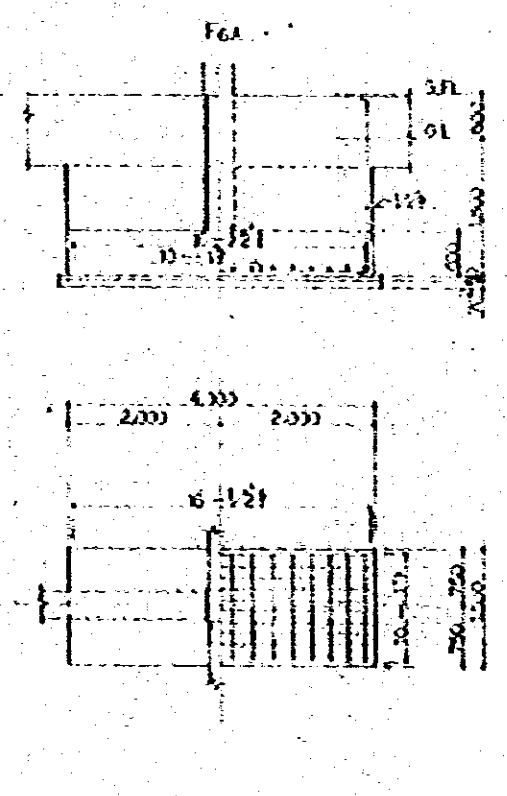
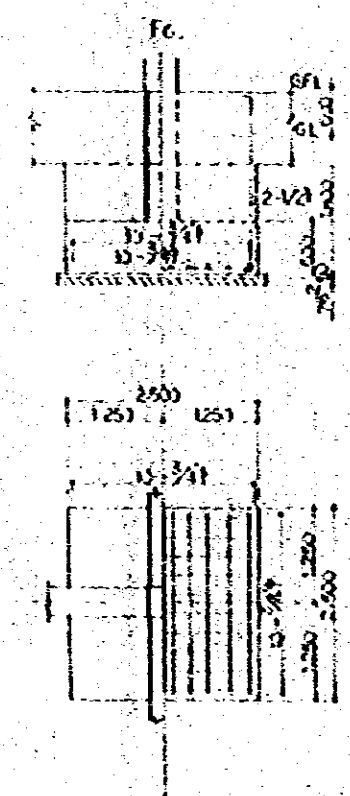
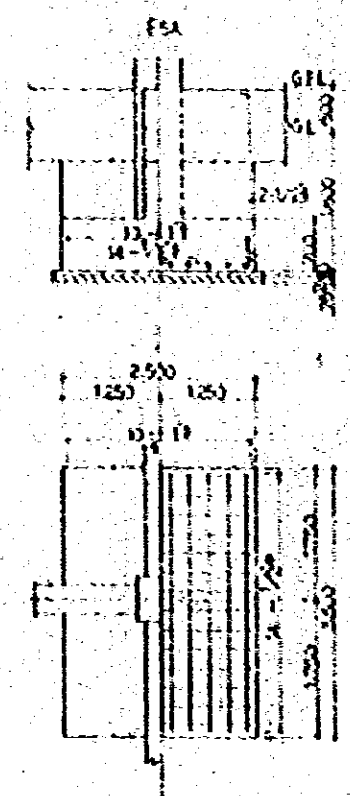
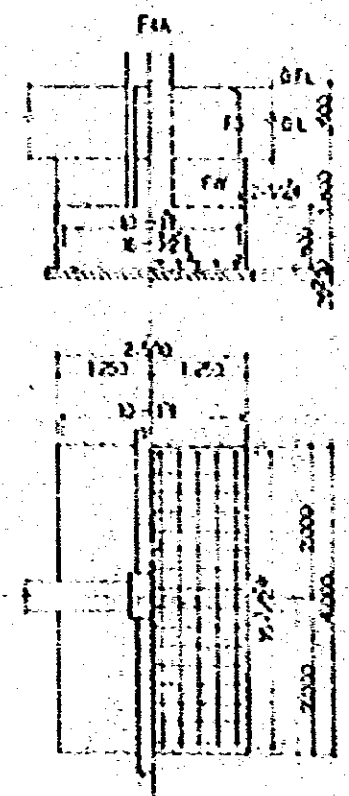
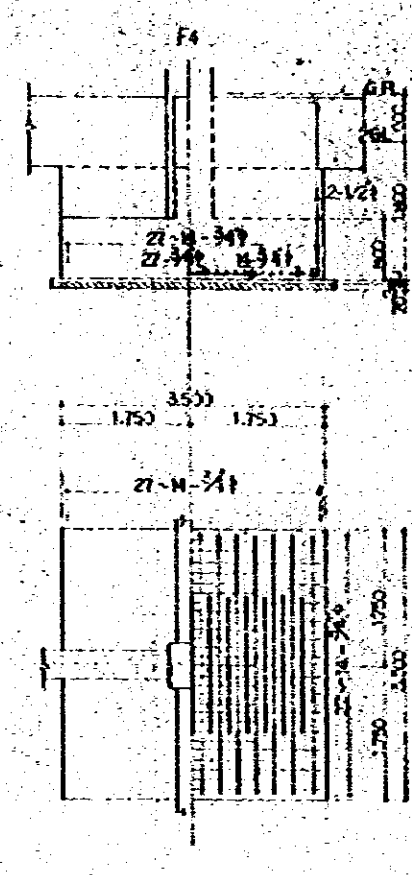
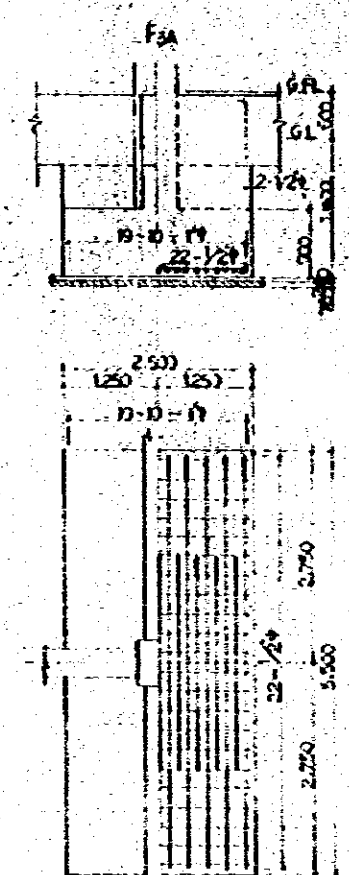
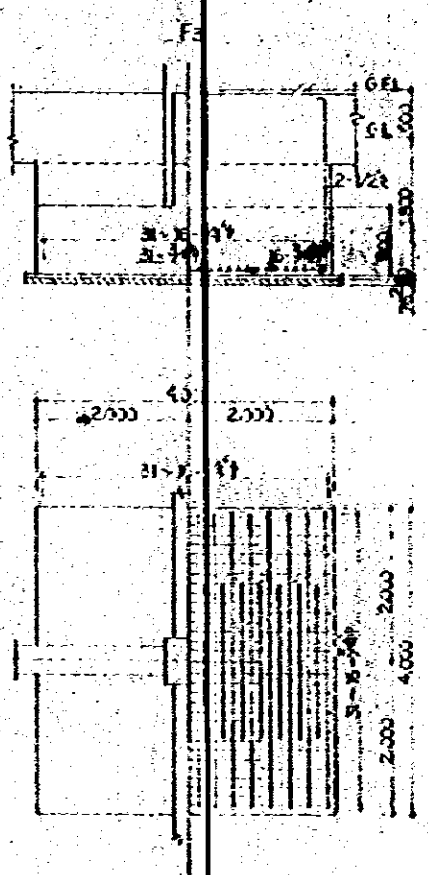
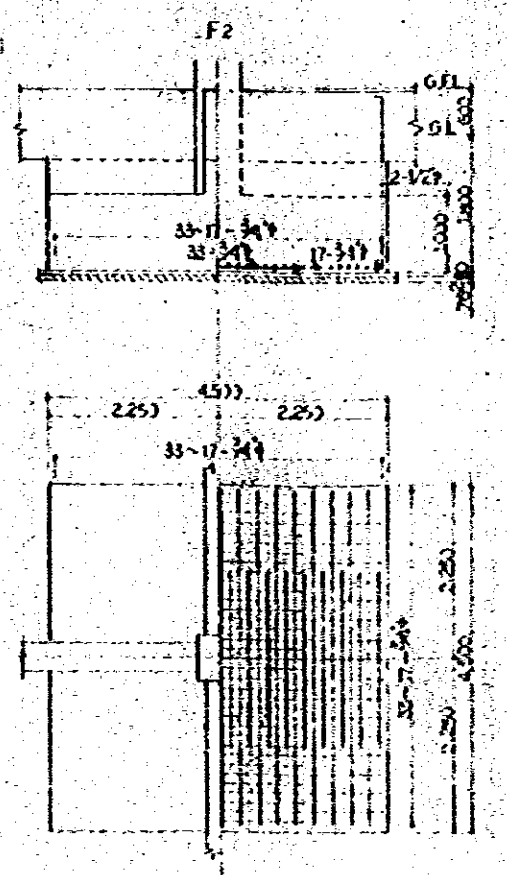
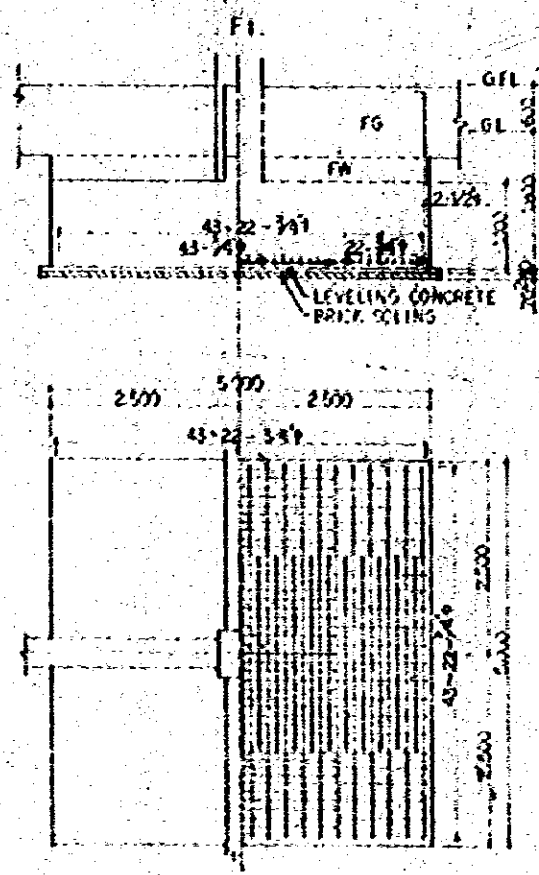


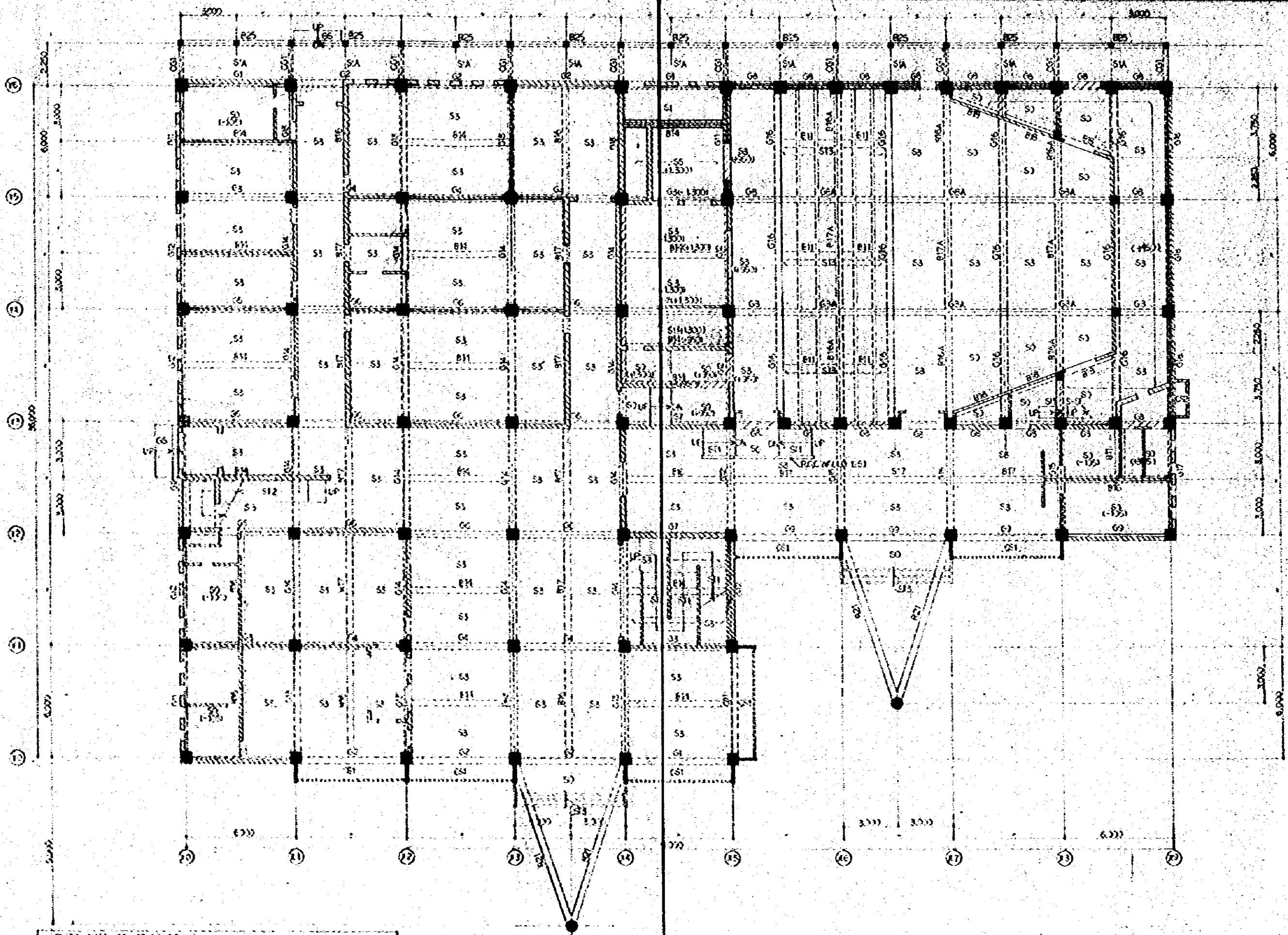


FOUNDATION PLAN S (1-1)

NATIONAL BROADCASTING HOUSE OF RADIO BANGKOK		S-01-04
FOUNDATION PLAN		1:100
Designed by	Checked by	DATE
(Signature)	(Signature)	
JICA ENGINEERING CONSULTANTS CO., LTD.		

FOUNDATION SCHEDULE S. 1:50

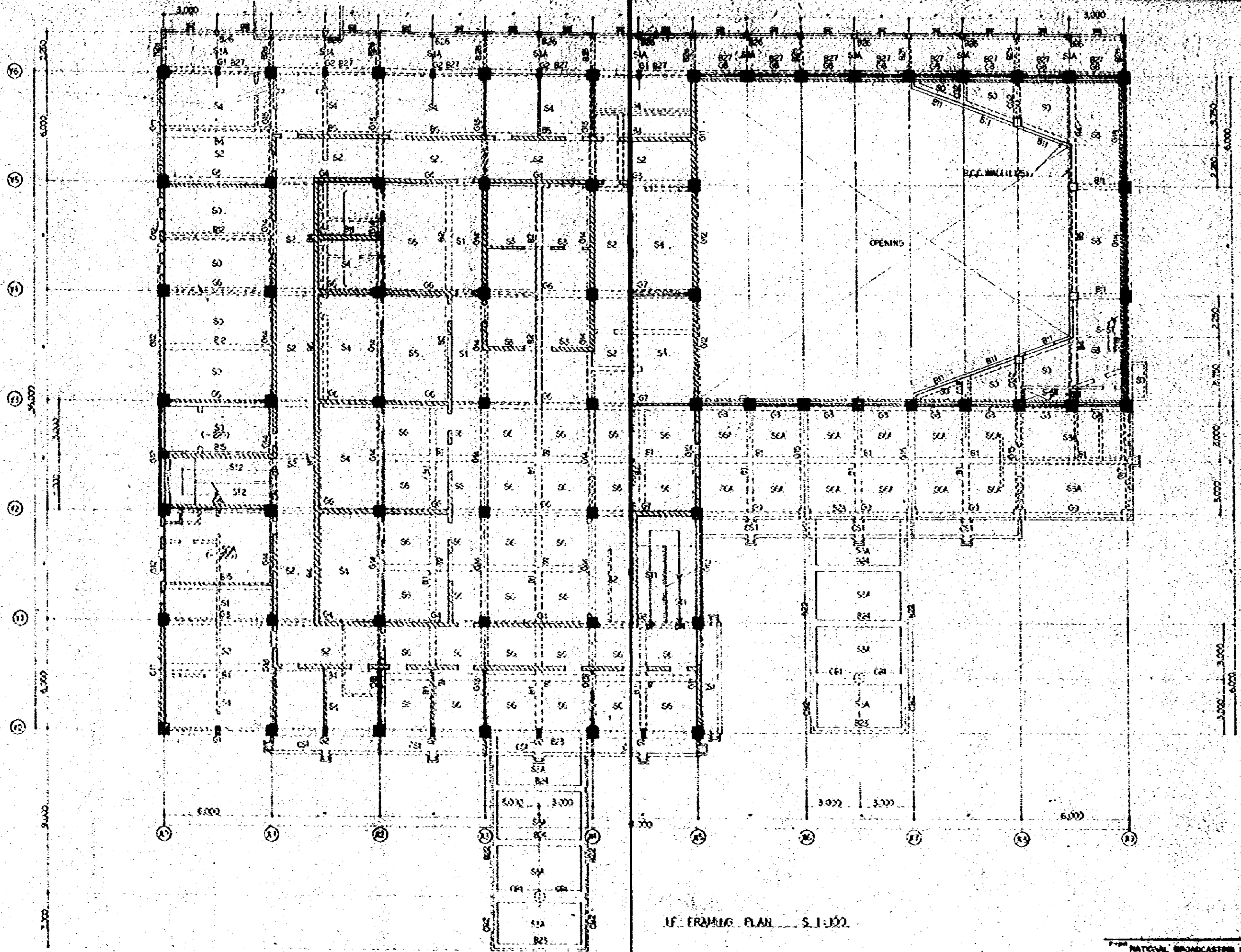




- GENERAL NOTE OF DRAWING
1. DIMENSIONS SHOWN ARE IN METERS
 2. ALL DIMENSIONS ARE TO FACE UNLESS SPECIFIED OTHERWISE
 3. ALL WALLS ARE 200mm THICK UNLESS SPECIFIED OTHERWISE
 4. ALL WALLS ARE 200mm THICK UNLESS SPECIFIED OTHERWISE
 5. ALL WALLS ARE 200mm THICK UNLESS SPECIFIED OTHERWISE
 6. ALL WALLS ARE 200mm THICK UNLESS SPECIFIED OTHERWISE
 7. ALL WALLS ARE 200mm THICK UNLESS SPECIFIED OTHERWISE

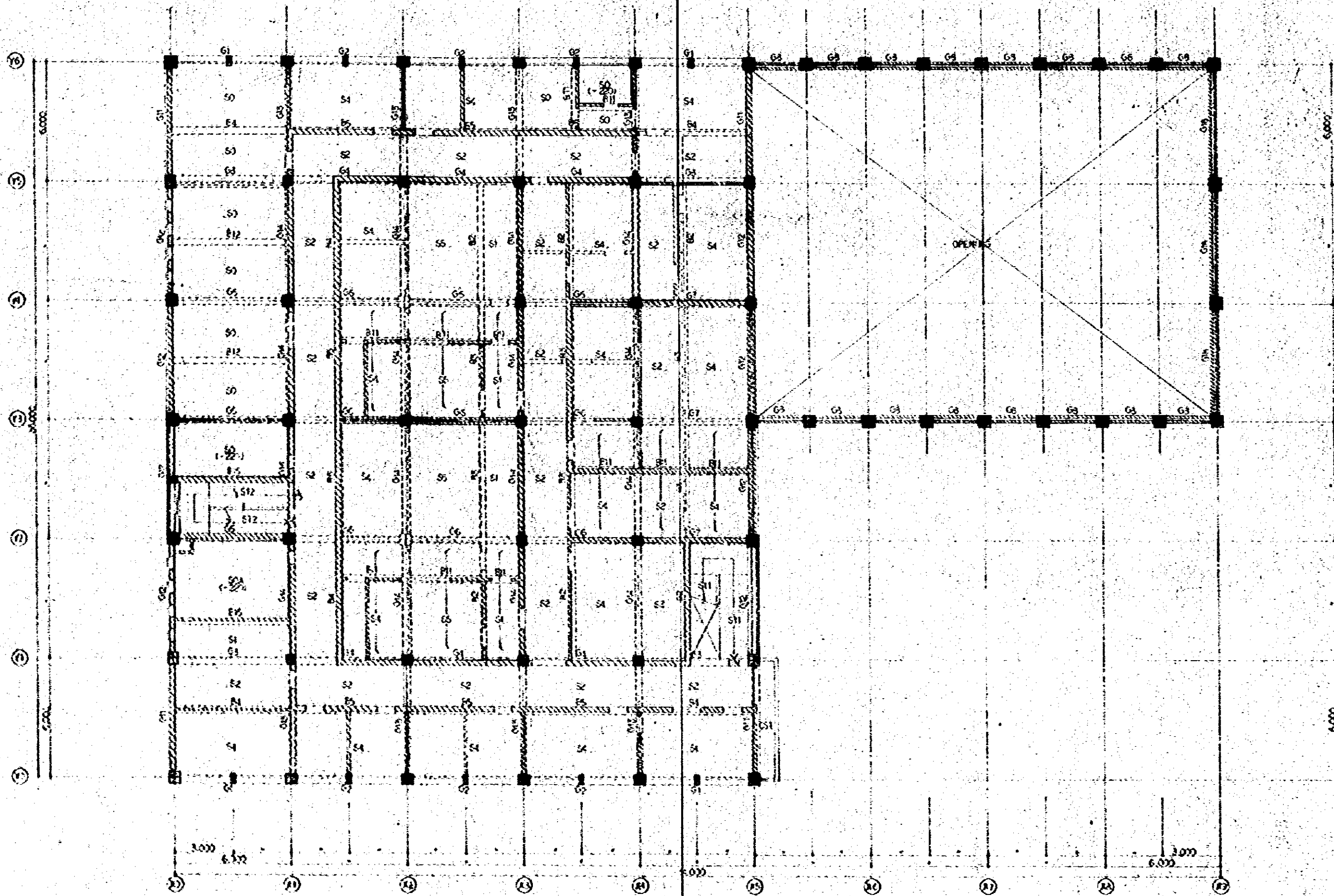
OF FRAMING PLAN S. 1:100

Project NATIONAL BROADCASTING HOUSE OF RADIO BANGALORE		5-01-00
OF FRAMING PLAN		1100
Drawn by	Checked by	DATE
		FEB 1957
J.E.C. JAPAN ENGINEERING CONSULTANTS CO. LTD.		



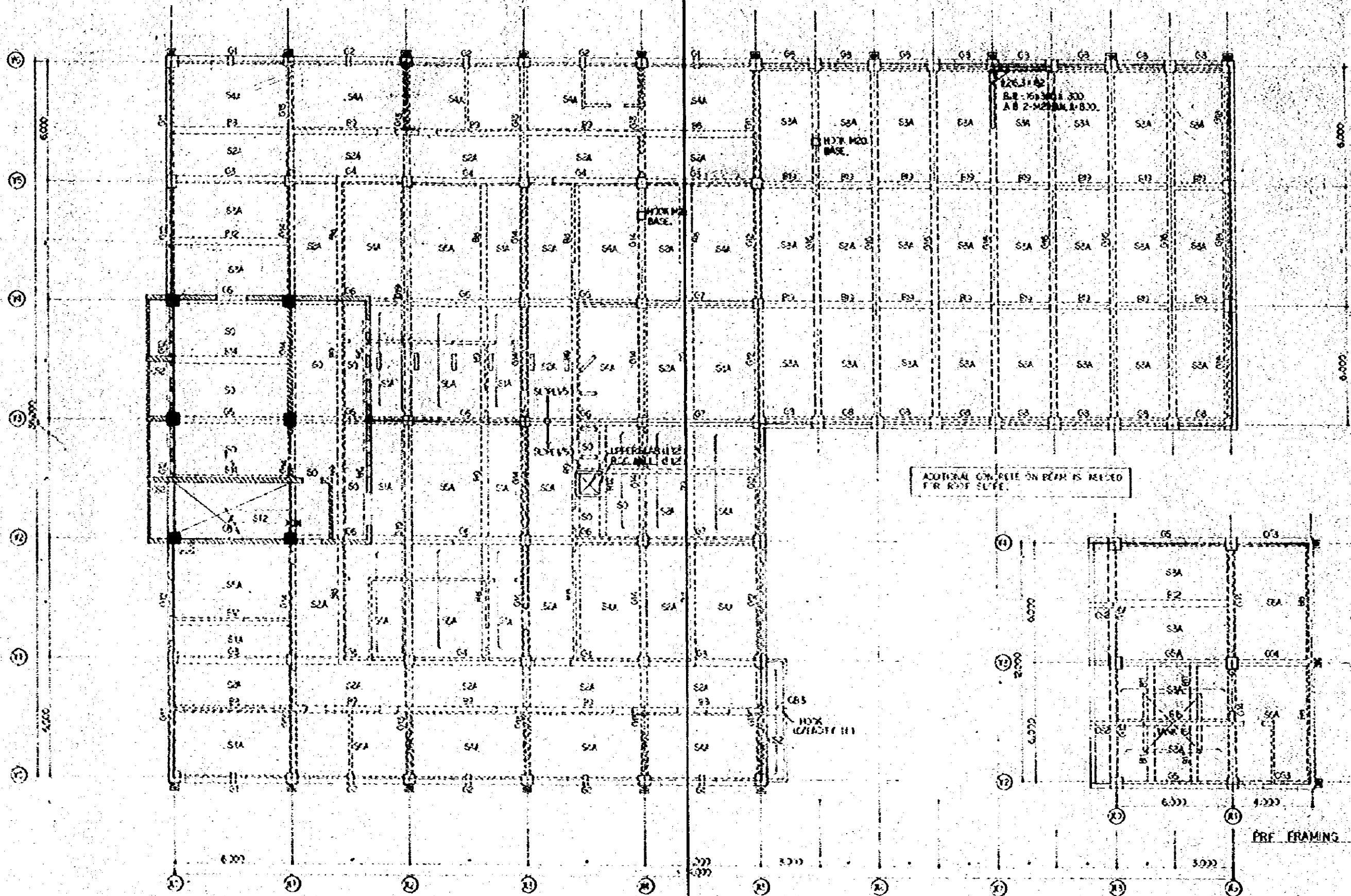
IF FRAMING PLAN 1:100

Project NATIONAL BROADCAST HOUSE OF RADIO BROADCASTING		Date 3-11-51
Drawing IF FRAMING PLAN		Scale 1:100
Drawn by [Signature]	Checked by H.E.	Date FEB 51
J.I.E.C. JAPAN ENGINEERING CONSULTANTS CO., LTD.		



2F FRAMING PLAN 5.1:100

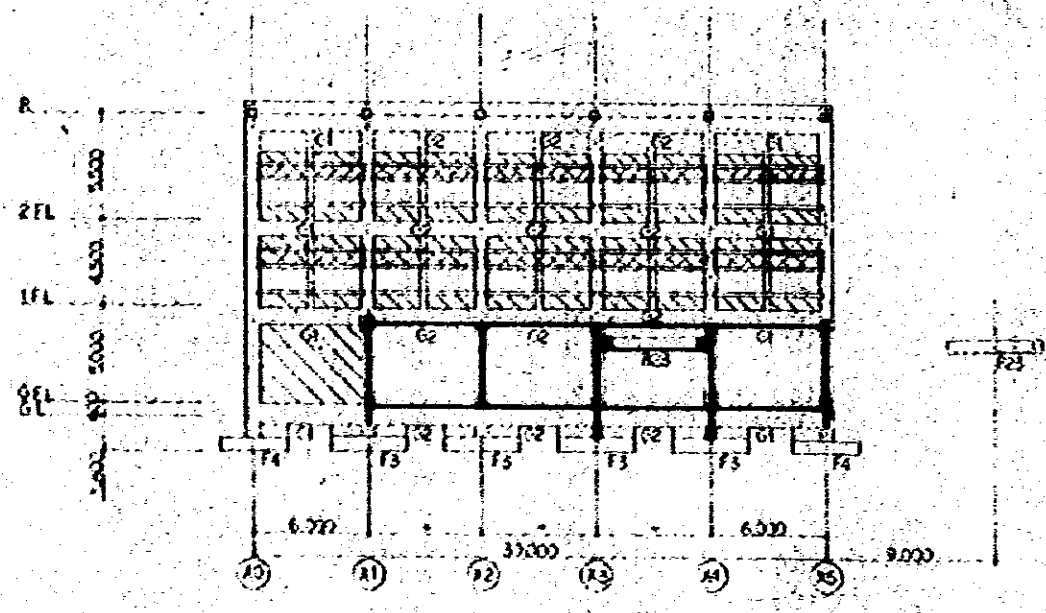
NATIONAL BROADCASTING HOUSE OF JAPAN BUILDING		5-81-69
2F FRAMING PLAN		1:100
Designed by ②	Checked by HE	②
JAPAN ENGINEERING CONSULTANTS CO., LTD.		



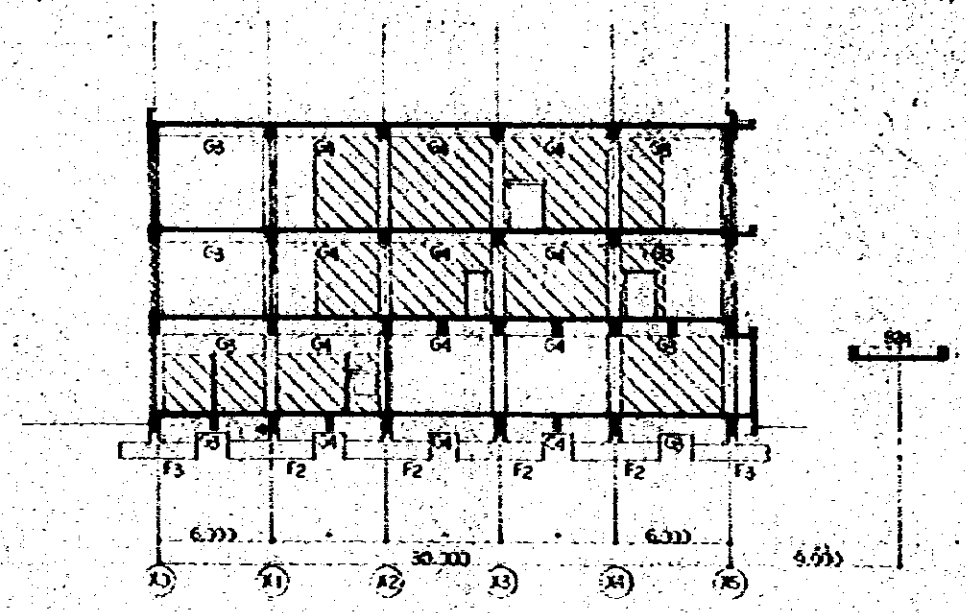
RF FRAMING PLAN S.1:100

PRE FRAMING PLAN S.1:100

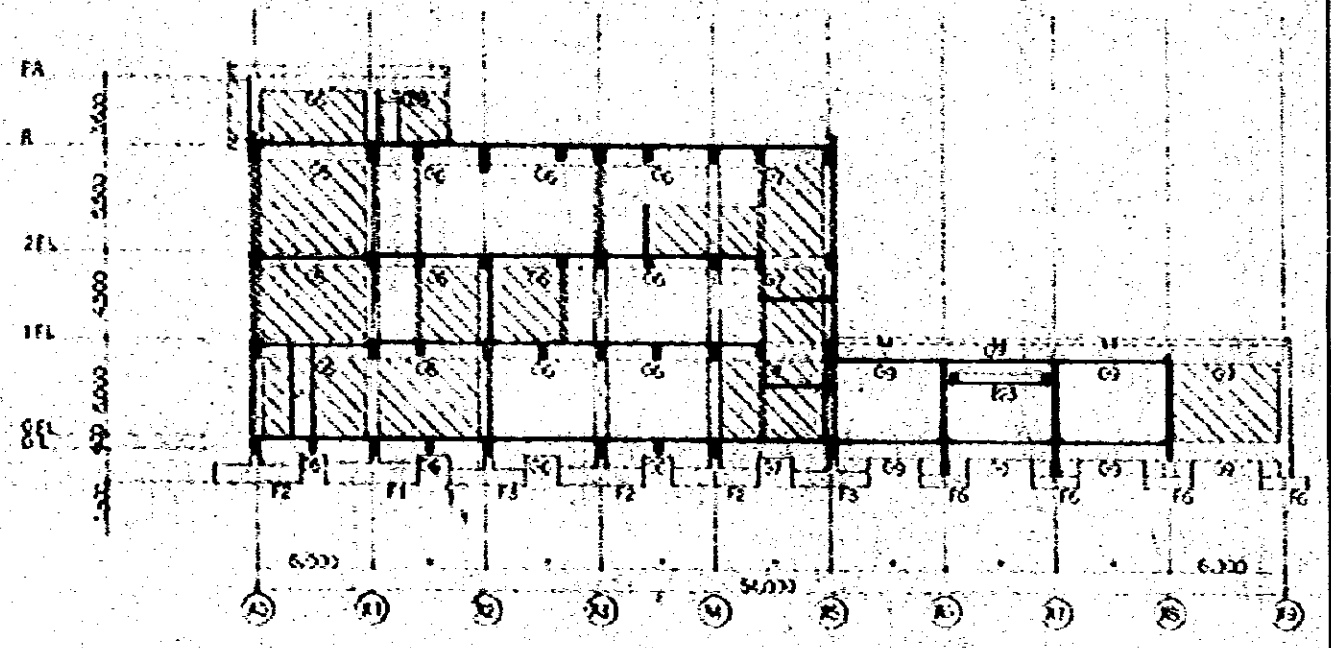
FOR NATIONAL BROADCASTING BOARD OF RADIO BANGALORE		8-83-99
RF, PRE FRAMING PLAN		1:100
Drawn by ②	Checked by H.S.	Approved by H.E.
J.E.C. JAPAN ENGINEERING CONSULTANTS CO. LTD.		



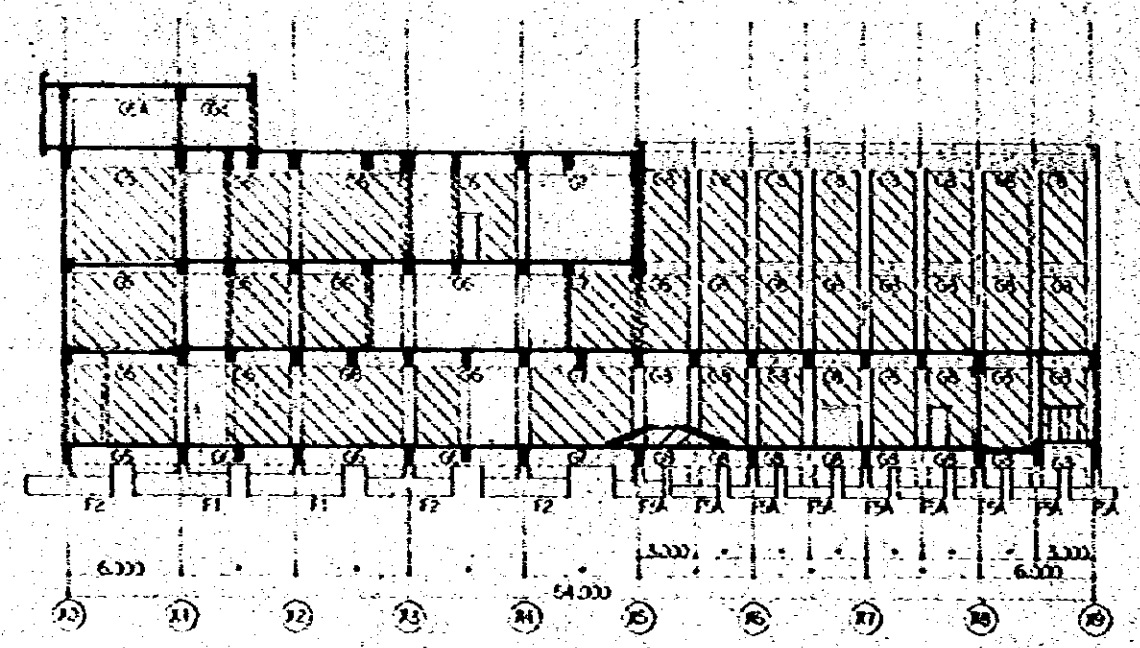
(7) FRAMING ELEVATION S 1:200



(11) FRAMING ELEVATION S 1:200



(12) FRAMING ELEVATION S 1:200

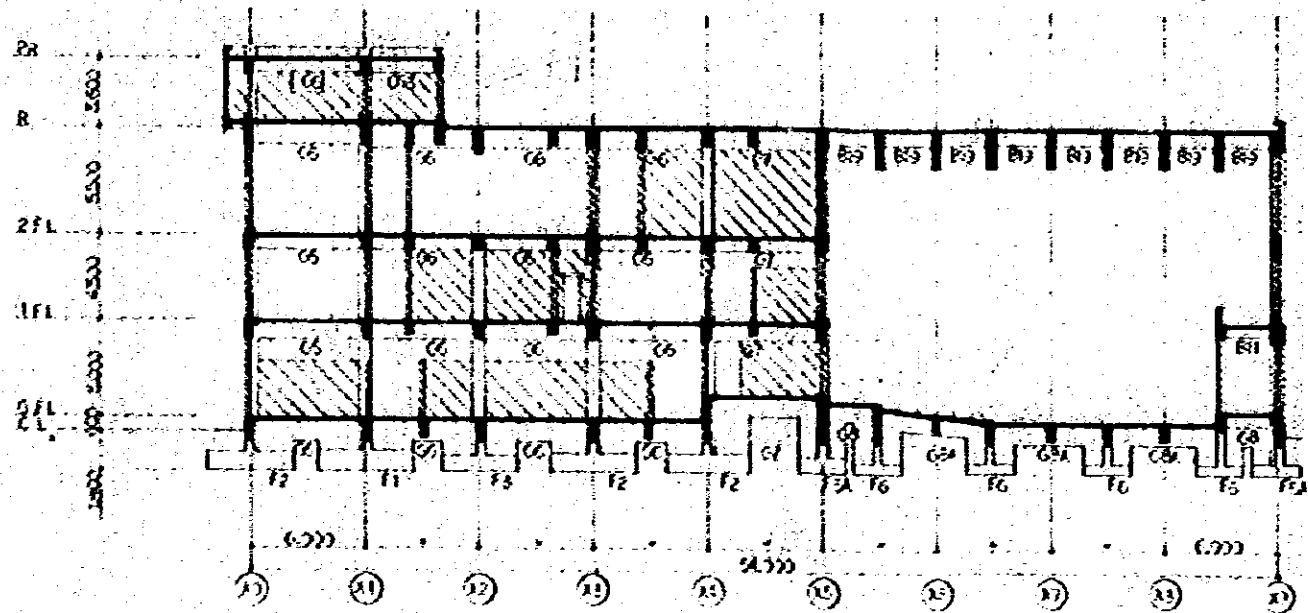


(13) FRAMING ELEVATION S 1:200

GENERAL NOTE OF FRAMING ELEVATION.

- 1) DOTTED BRICK WALL.
- 2) HATCHED ORNAMENTAL BRICK WALL.
- 3) ZIGZAG ADDITIONAL CONCRETE ON DEAM.

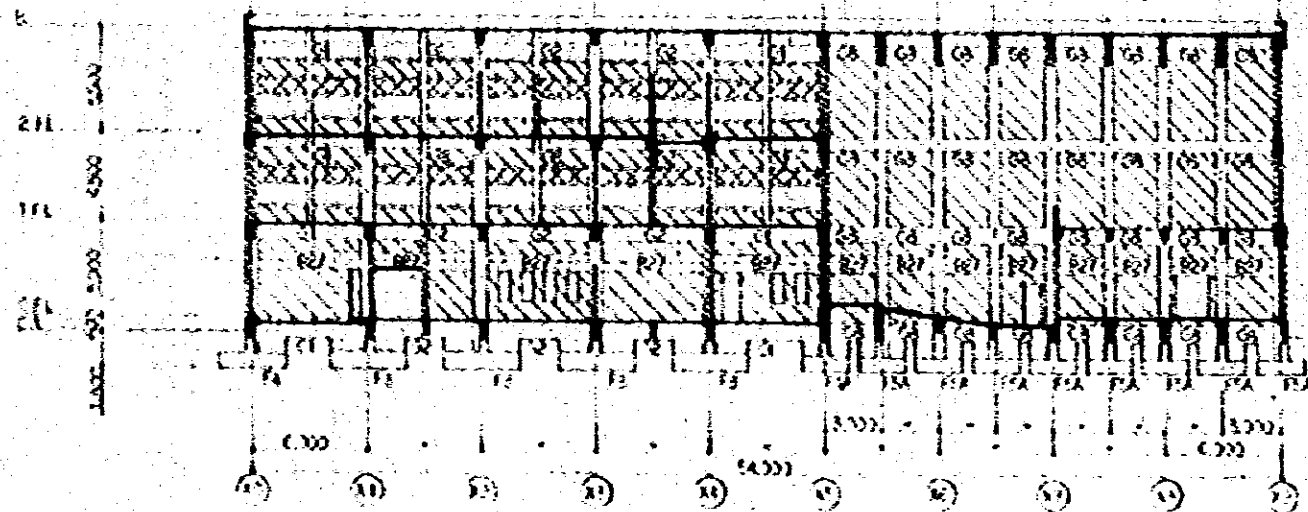
NATIONAL BROADCASTING HOUSE OF R.T.O. SINGAPORE		3-9-18
FRAMING ELEVATION (11)		1:200
Drawn by <i>[Signature]</i> Checked by <i>[Signature]</i> N.E.		18 18
ENGINEERING CONSULTANTS, LTD.		



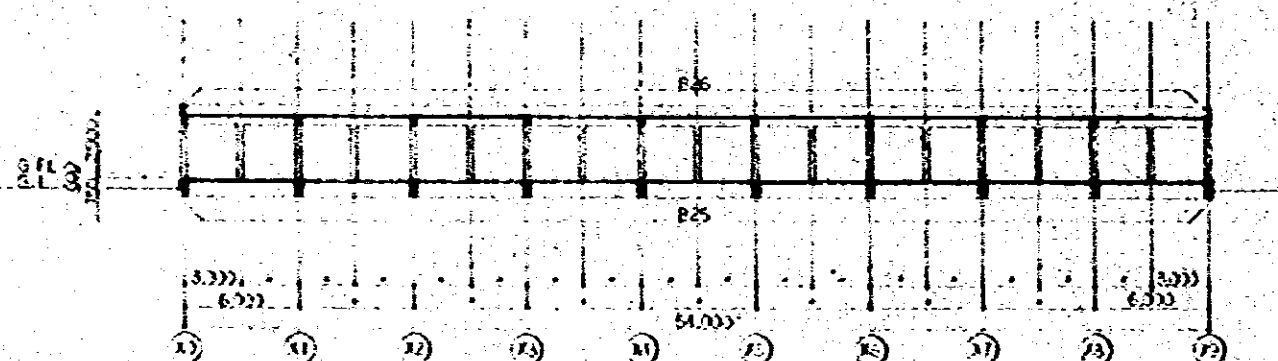
(10) FRAMING ELEVATION S 1:200



(11) FRAMING ELEVATION S 1:200

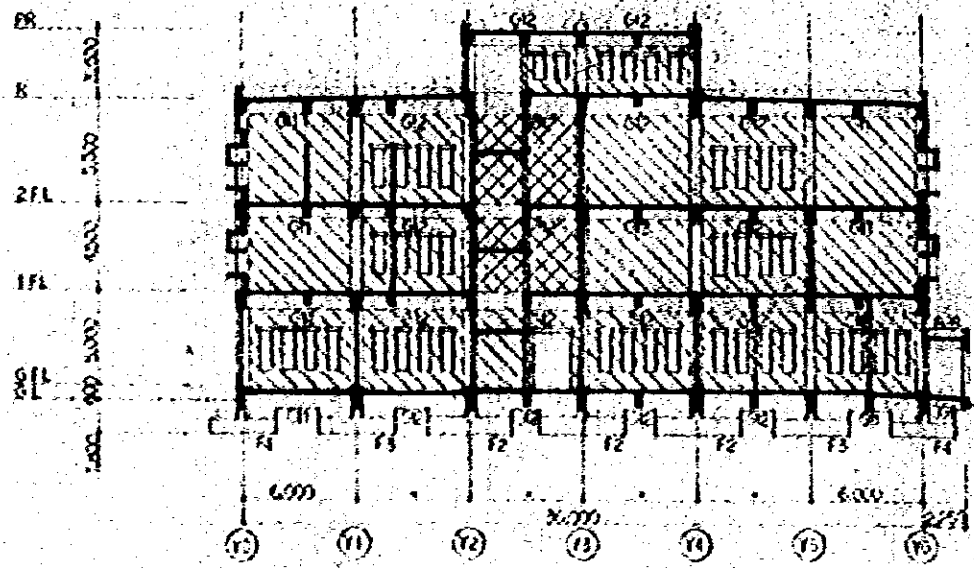


(12) FRAMING ELEVATION S 1:200

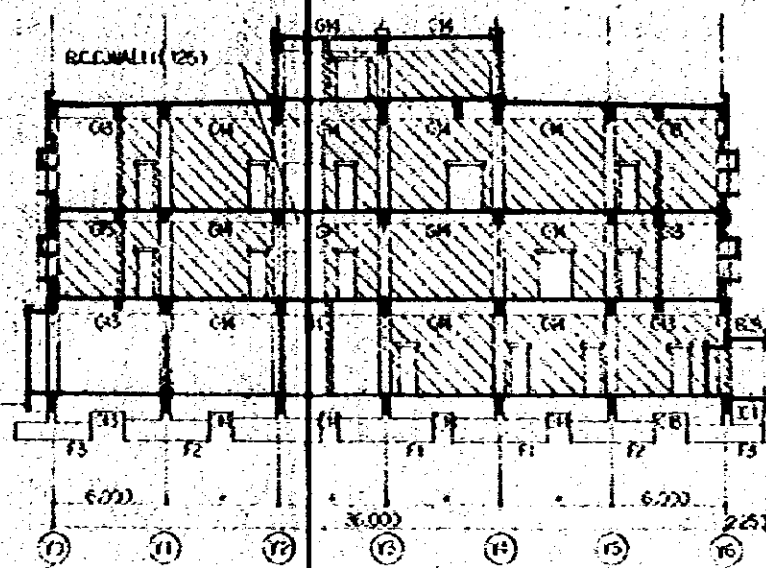


(13) FRAMING ELEVATION S 1:200

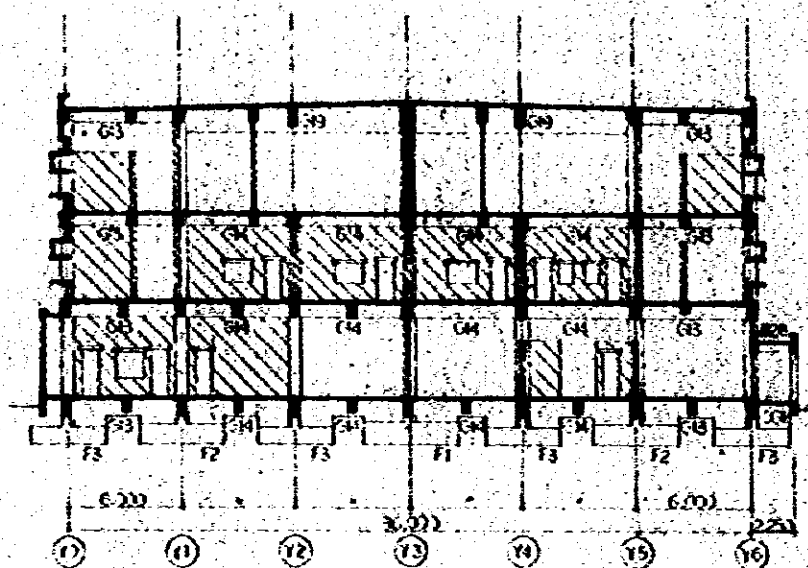
Project	NATIONAL BROADCASTING HOUSE OF R.O.C. TAIPEI	3-01-11
Scale	FRAMING ELEVATION (2)	1:200
Approved by	<i>H.S.H.</i>	HE.
Checked by		FEB 28
Drawn by		
Scale		



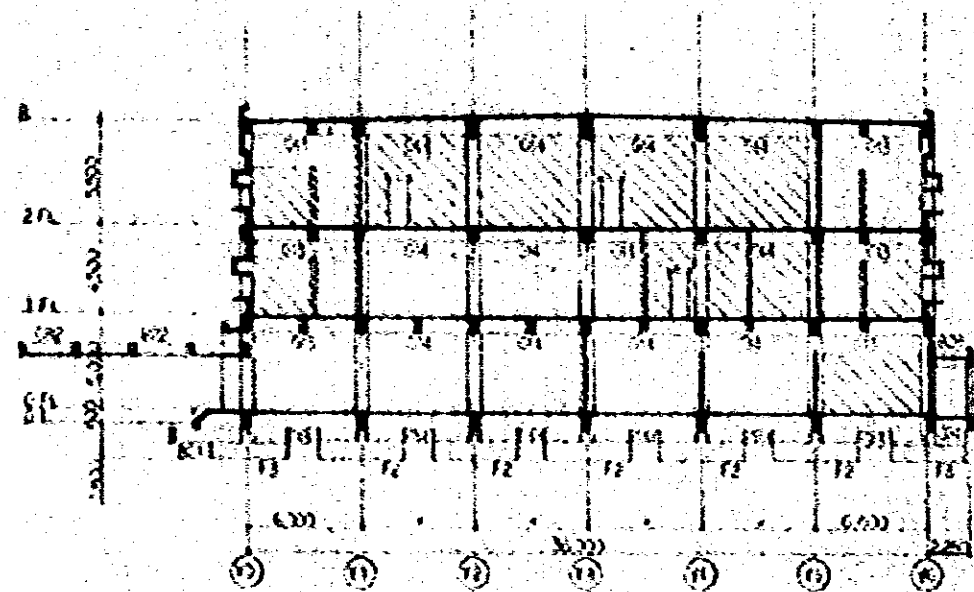
(10) FRAMING ELEVATION S 1:200



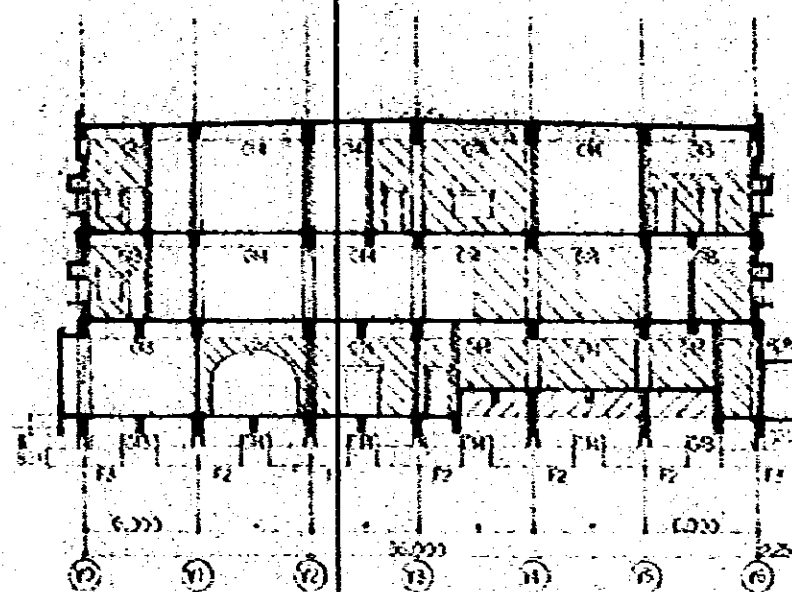
(11) FRAMING ELEVATION S 1:200



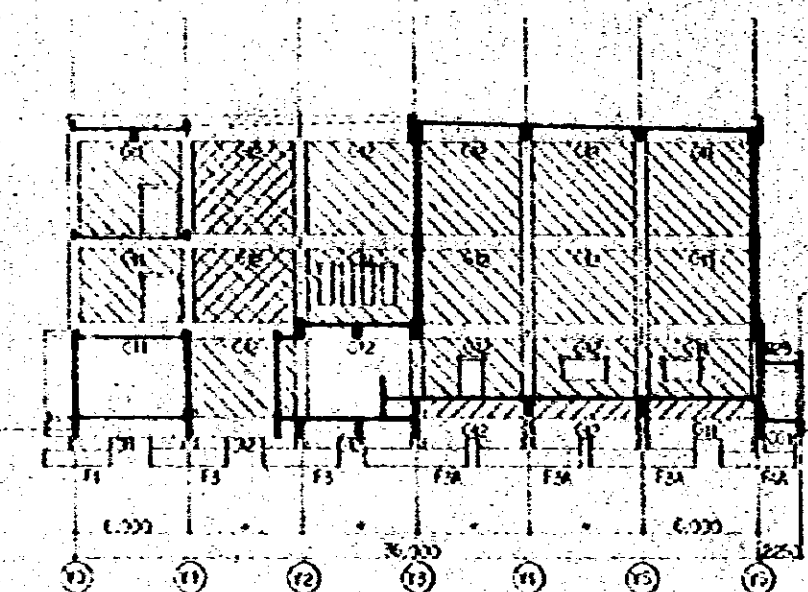
(12) FRAMING ELEVATION S 1:200



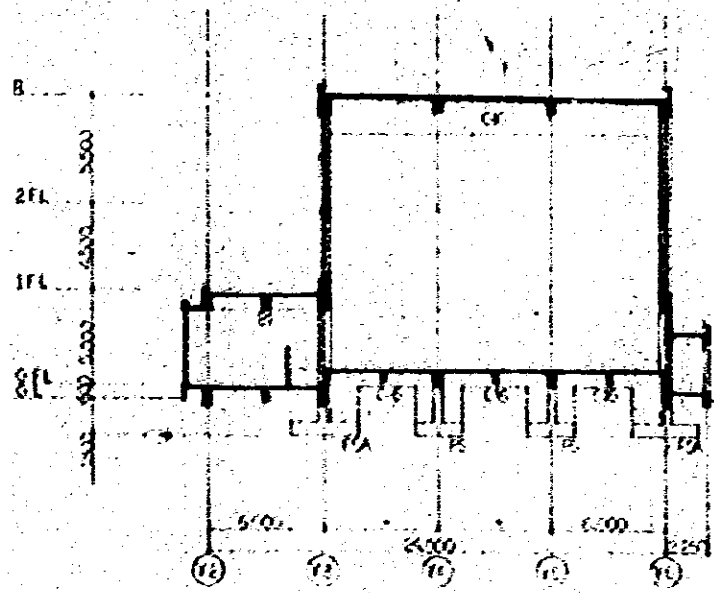
(13) FRAMING ELEVATION S 1:200



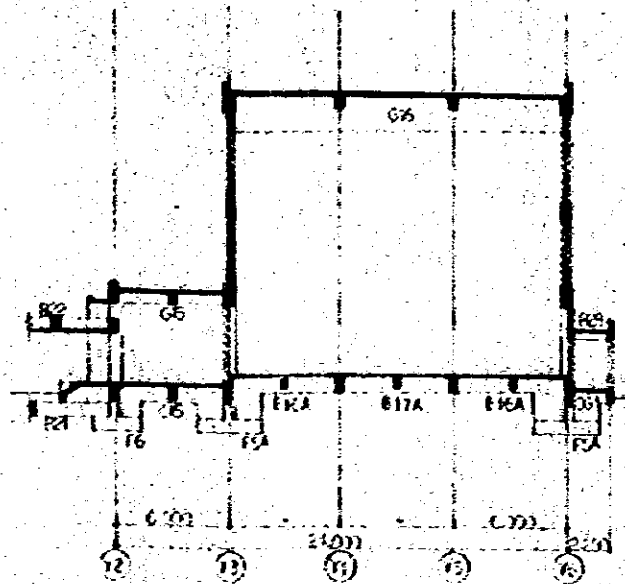
(14) FRAMING ELEVATION S 1:200



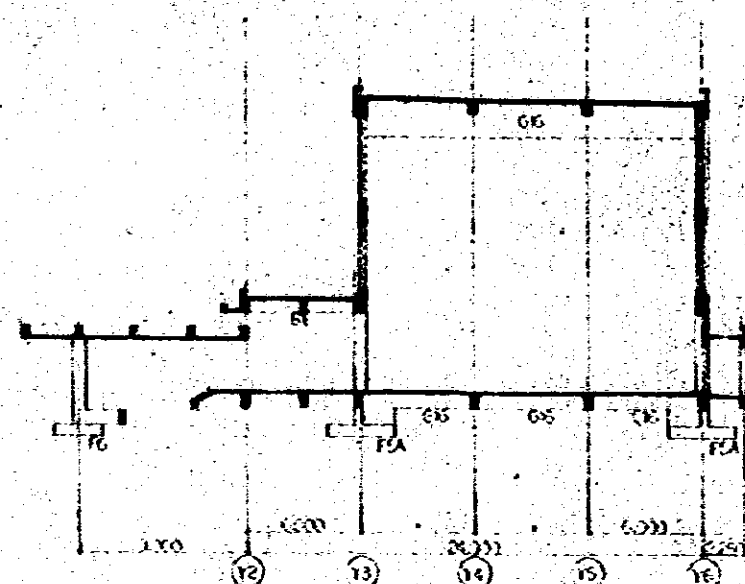
(15) FRAMING ELEVATION S 1:200



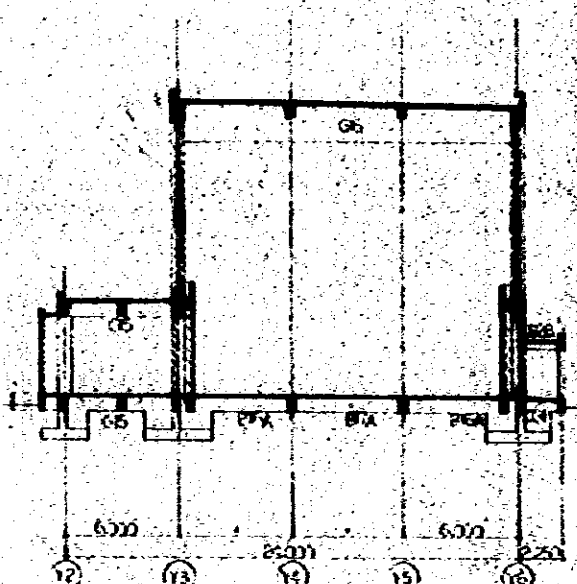
13-6 FRAMING ELEVATION S 1:200



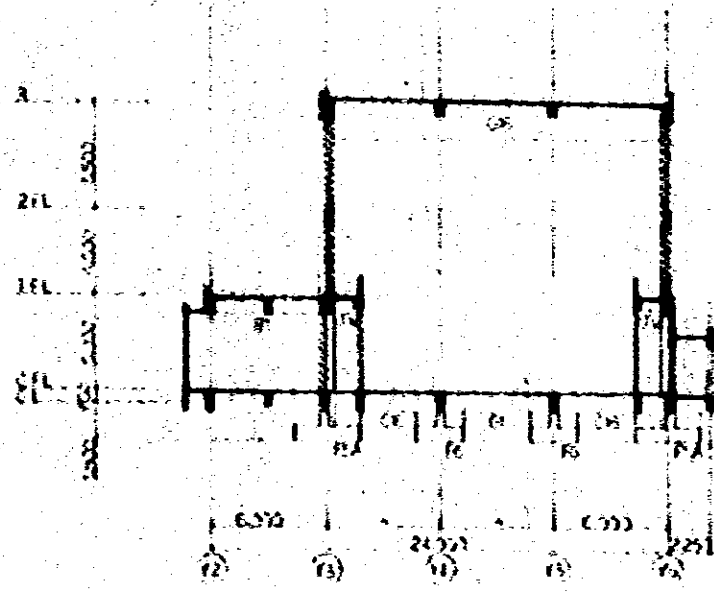
13-7 FRAMING ELEVATION S 1:200



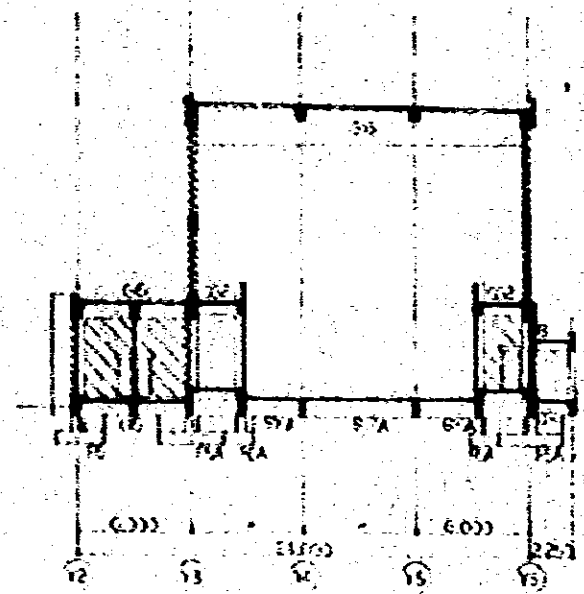
13-17 FRAMING ELEVATION S 1:200



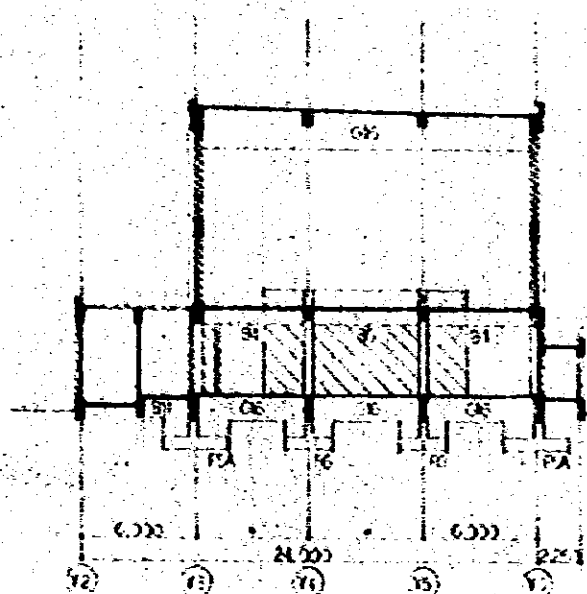
13-17 FRAMING ELEVATION S 1:200



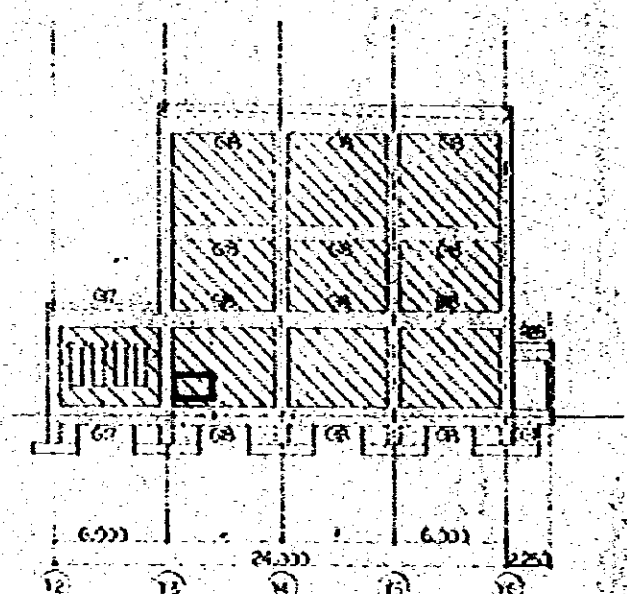
13-8 FRAMING ELEVATION S 1:200



13-9 FRAMING ELEVATION S 1:200



13-13 FRAMING ELEVATION S 1:200



13-14 FRAMING ELEVATION S 1:200

Page	NATIONAL BROADCASTING HOUSE C.T.O. BANGLADESH	3-01-13
FRAMING ELEVATION	141	1:200
Drawn by	H.E.	RD BK
Checked by		