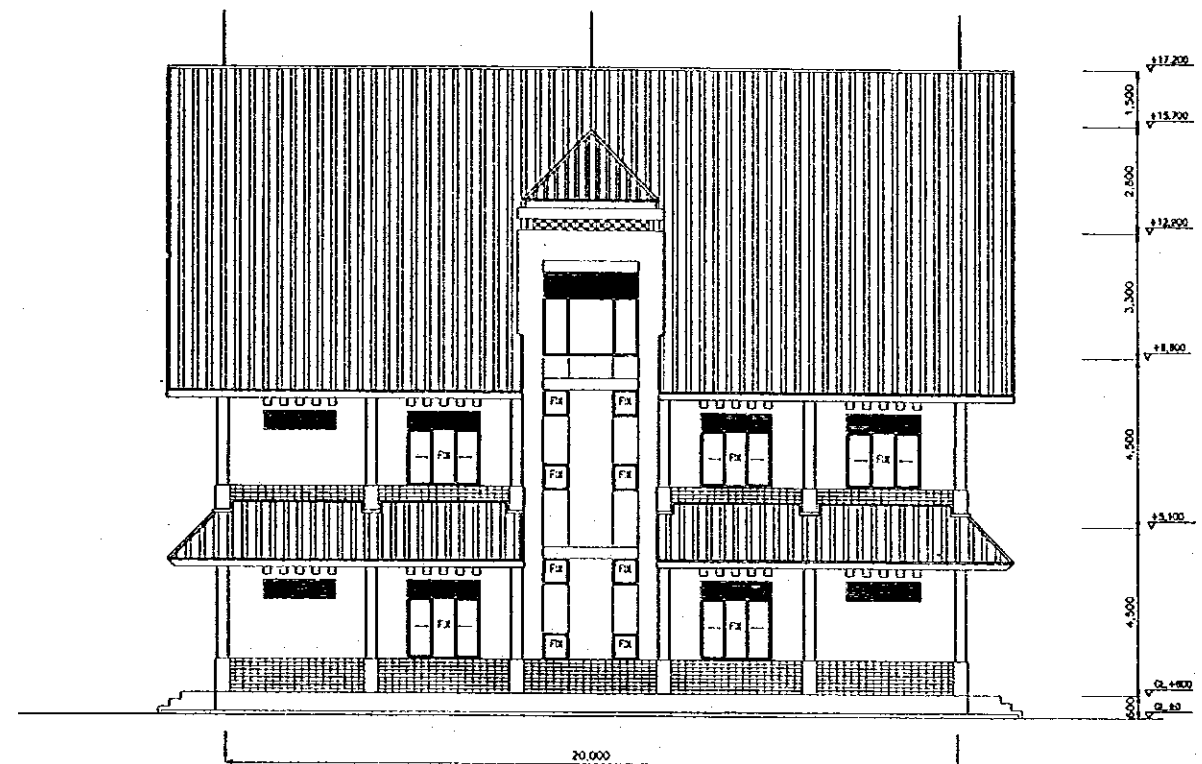


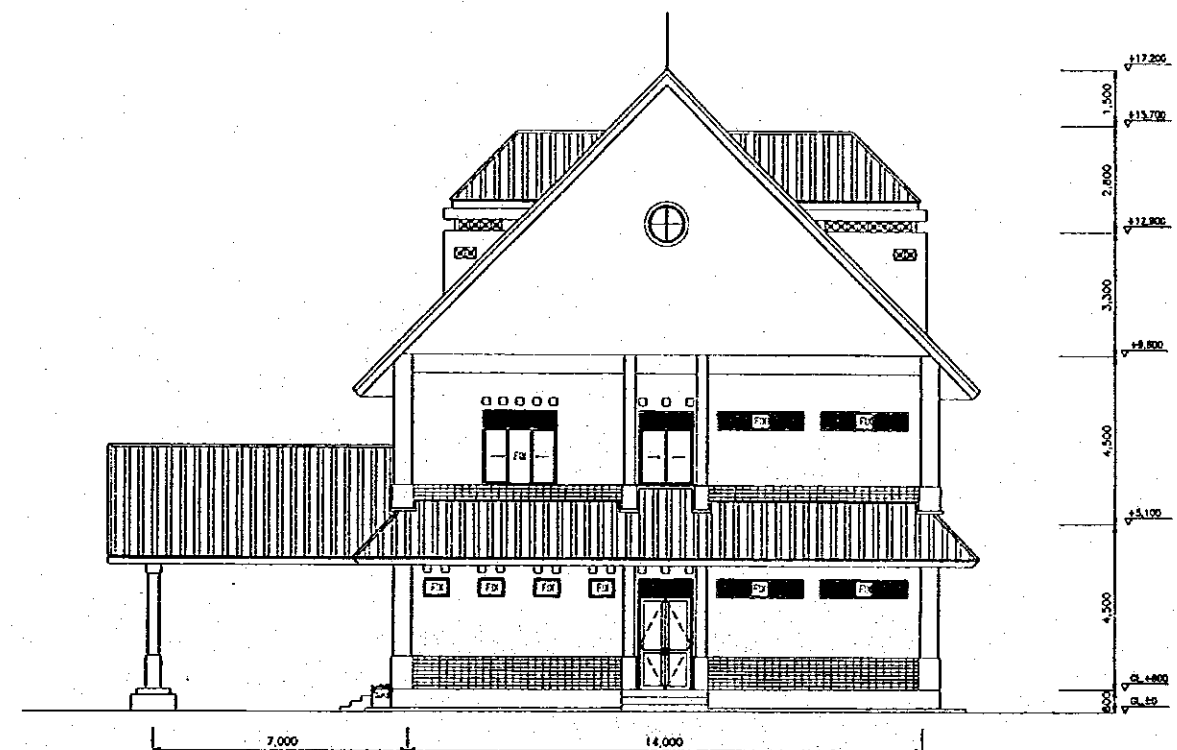
SOUTH ELEVATION
SCALE A



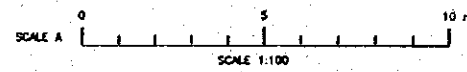
NORTH ELEVATION
SCALE A



WEST ELEVATION
SCALE A

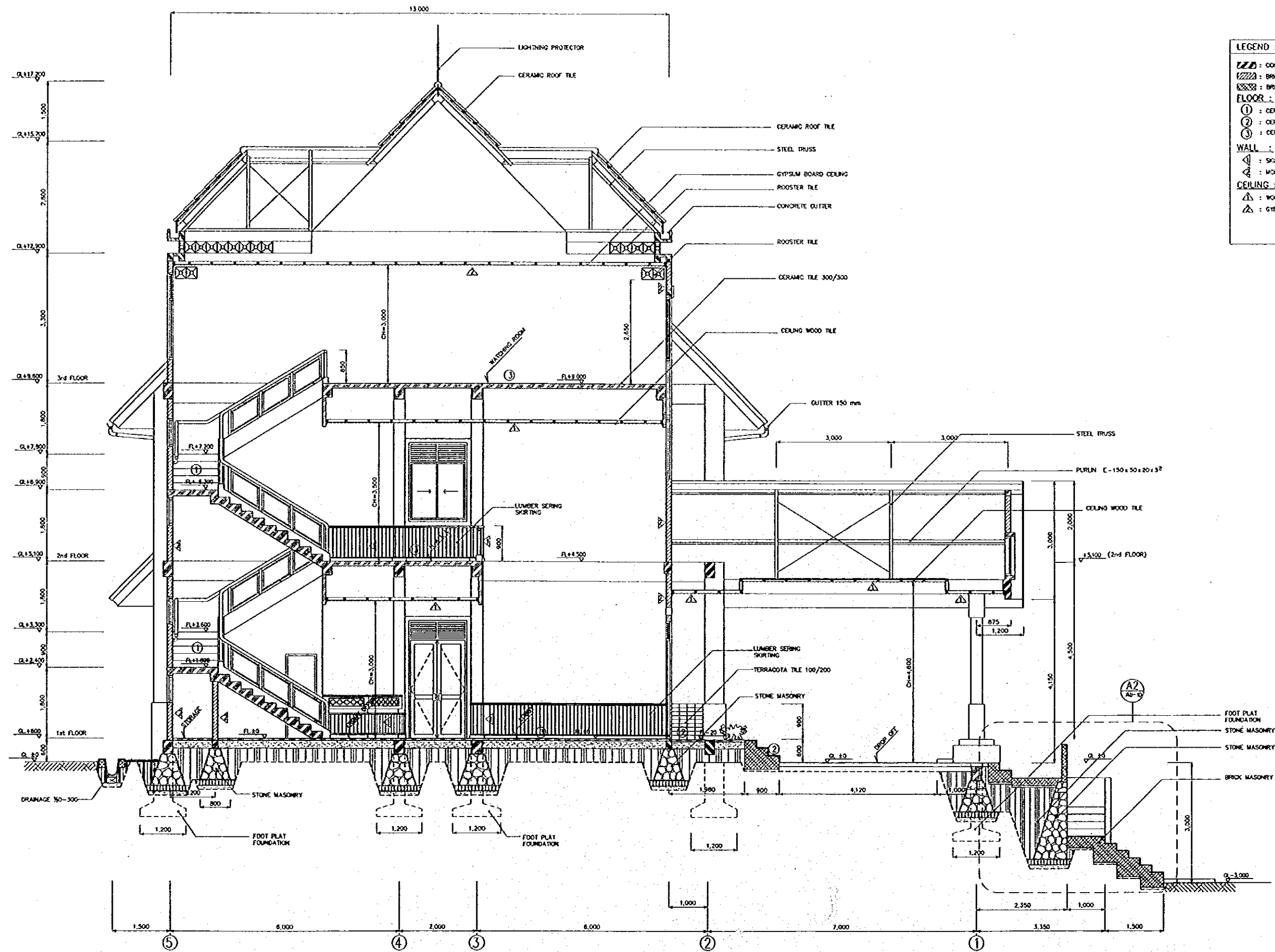


EAST ELEVATION
SCALE A



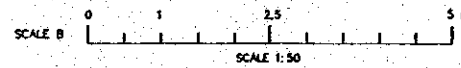
NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAWA
JATUNSELUNA FLOOD CONTROL PROJECT COMPONENT : JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX WEST, EAST, SOUTH, NORTH ELEVATION ADMINISTRATION BUILDING		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY CITY ENGINEERING COLLEGE IN SEMARANG PACIFIC CONSULTANTS INTERNATIONAL AND PARTO BROTJODISAL P.T.C.		DISTRICT SEMARANG CITY
DESIGNED CHECKED PROJECT MANAGER		DRAWING NO. JD-P2-MC-AB-4 SHEET NO. 14 DATE CONTRACT NO.



- LEGEND :**
- ▨ : CONCRETE
 - ▧ : BRICK WALL
 - ▩ : BRICK ROOF
 - FLOOR :**
 - ① : CERAMIC TILE 300x300
 - ② : CERAMIC TILE NON SLIP 300x300
 - ③ : CERAMIC TILE 400x400
 - WALL :**
 - ◁ : SKIRTING 900
 - ◁ : MORTAR TROWEL
 - CEILING :**
 - △ : WOOD LAMBERSERING
 - △ : GYPSUM BOARD

SECTION I-I
SCALE 1/50



NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

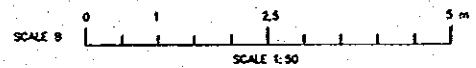
THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAWA
IRATUNSELLINA FLOOD CONTROL PROJECT COMPONENT : JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX SECTION I-I ADMINISTRATION BUILDING		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG BY THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY C/O BANGSAWATI COLLEGE 14 KEMUNINGWATU PACIFIC COUNSELLANTS INTERNATIONAL, INC. JAPAN INTERNATIONAL CO.		DISTRICT SEMARANG CITY
DESIGNED CHECKED PROJECT MANAGER		DRAWING NO. JD-P2-MC-AB-5 SHEET NO. 15 DATE CONTRACT NO.



LEGEND :

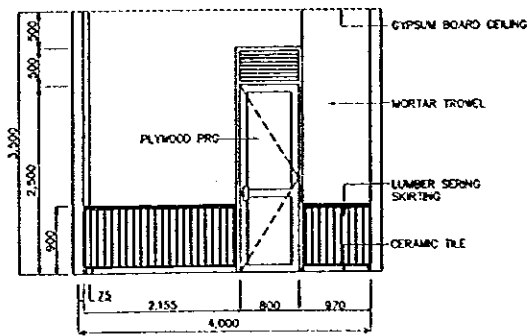
: CONCRETE
 : BRICK WALL
 : BRICK ROOF
FLOOR :
 ① : CERAMIC TILE 300x300
 ② : CERAMIC TILE NON SLIP 300x300
 ③ : CERAMIC TILE 400x400
WALL :
 : SPRINGING 900
 : MORTAR TRENCH
CEILING :
 : WOOD LUMBERSEWING
 : GYPSUM BOARD

SECTION II-II
SCALE 1/50

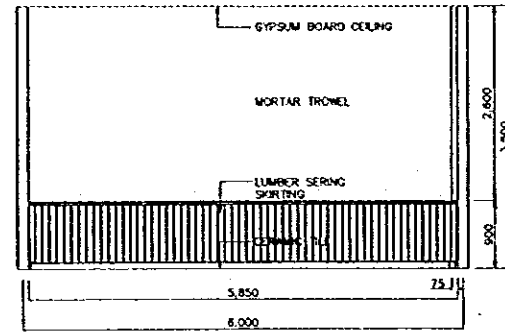


NO.	DATE	REVISIONS	PREPARED	DESIGNED	APPROVED

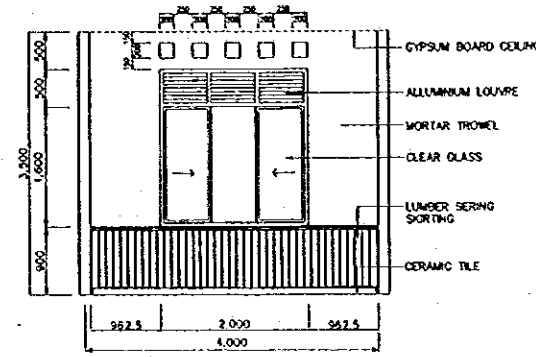
THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAWA
BRATUNGSILUVA FLOOD CONTROL PROJECT COMPONENT : JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX SECTION II - II ADMINISTRATION BUILDING		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
SAPTA INTERNATIONAL COOPERATION AGENCY PT. INDOBESTRA CO., LTD. IN SEMARANG WITH PACIFIC CONSULTANTS INTERNATIONAL, INC. PARTNER INTERNATIONAL, INC.		DISTRICT SEMARANG CITY DRAWING NO. J-D-P2-MC-AB-6 SHEET NO. 16
DESIGNED: <i>[Signature]</i> CHECKED: <i>[Signature]</i>		DATE: _____ CONTRACT NO.: _____
CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		



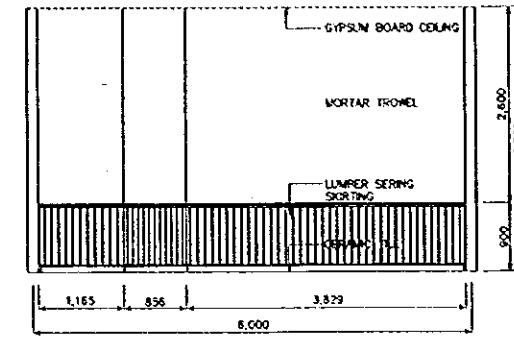
A



B

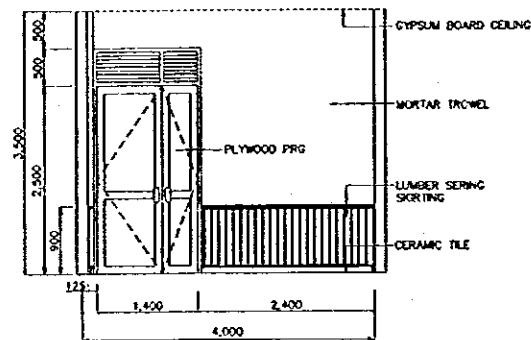


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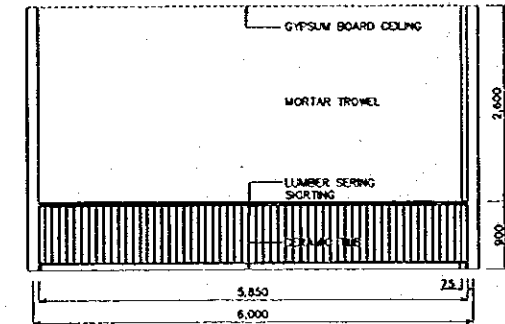


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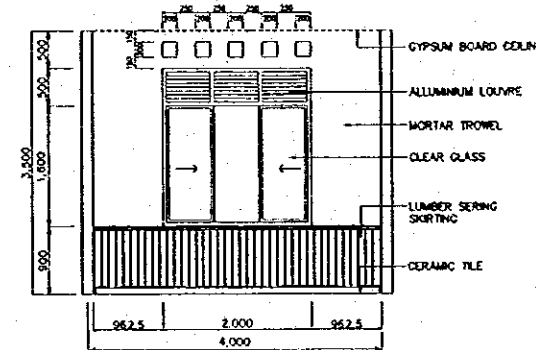
CHIEF ROOM
SCALE B



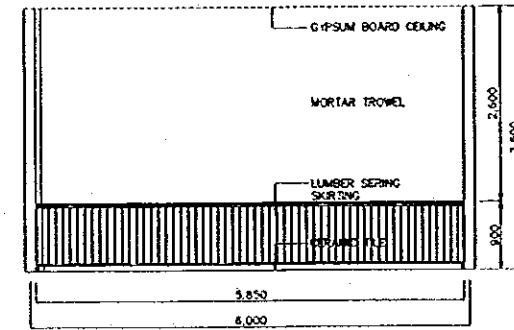
A



B

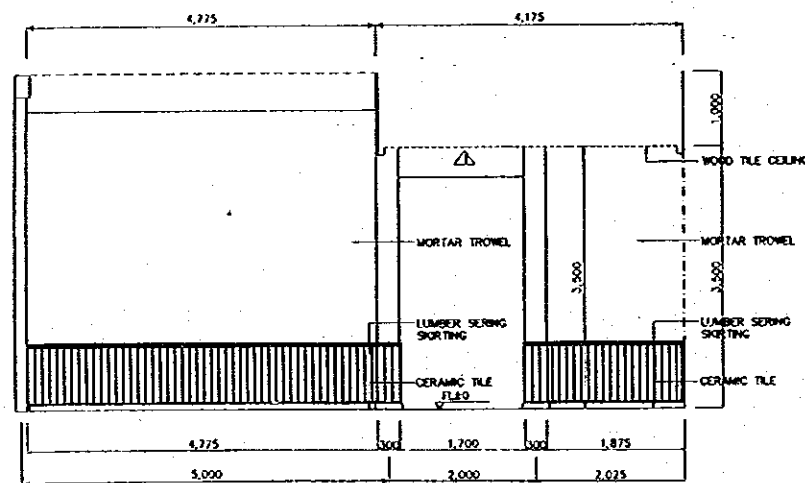


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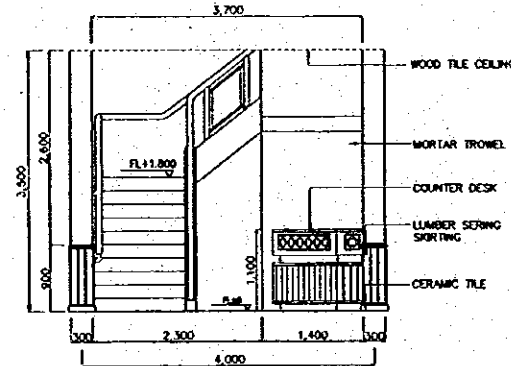


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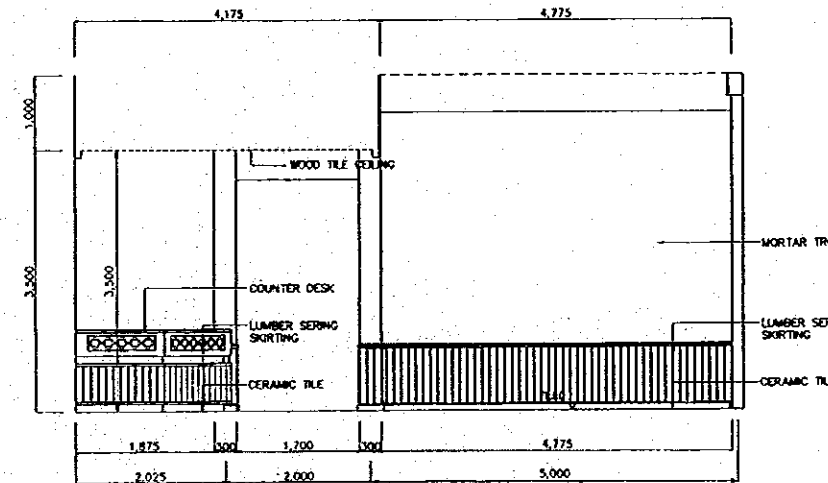
GUEST ROOM
SCALE B



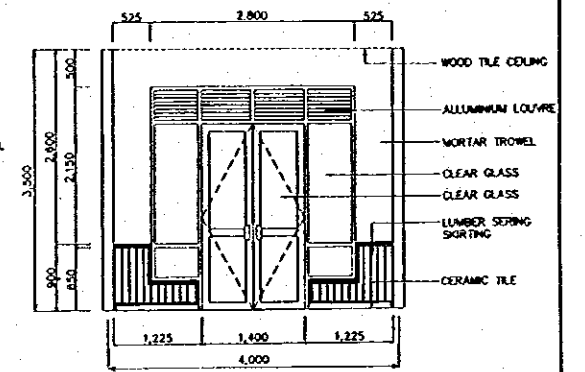
A



B



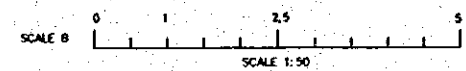
C



D

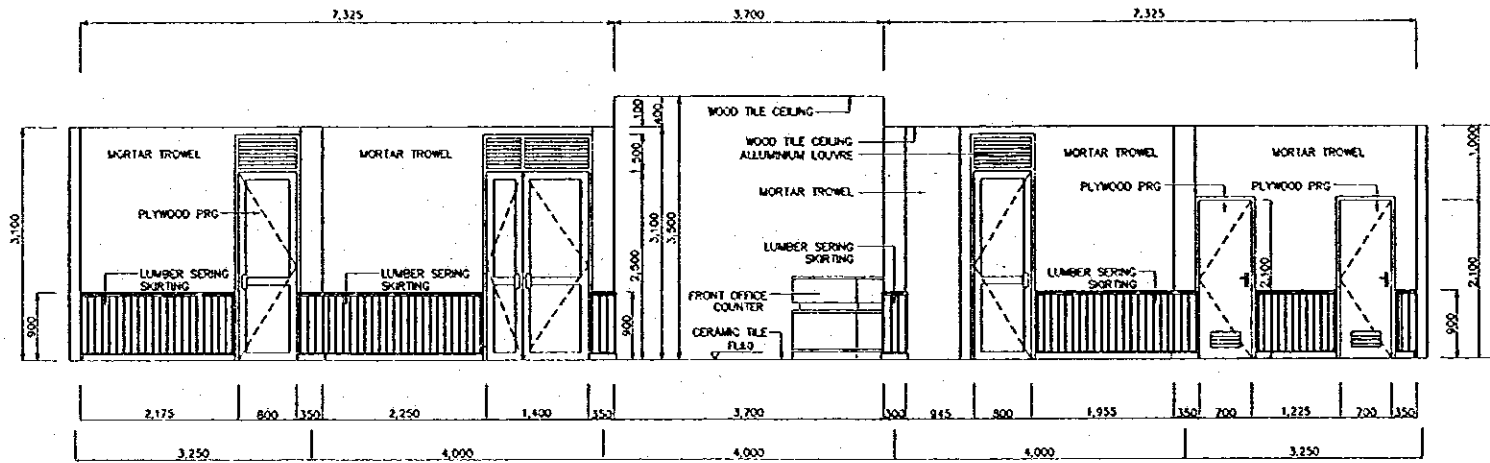
MAIN LOBBY
SCALE B

INTERIOR ELEVATION
SCALE B

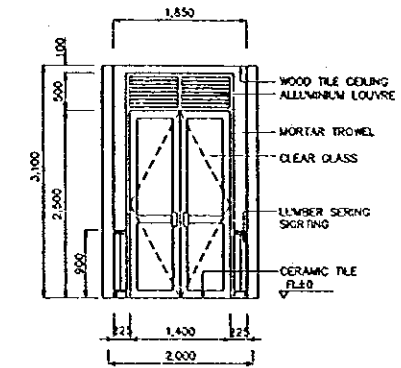


NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

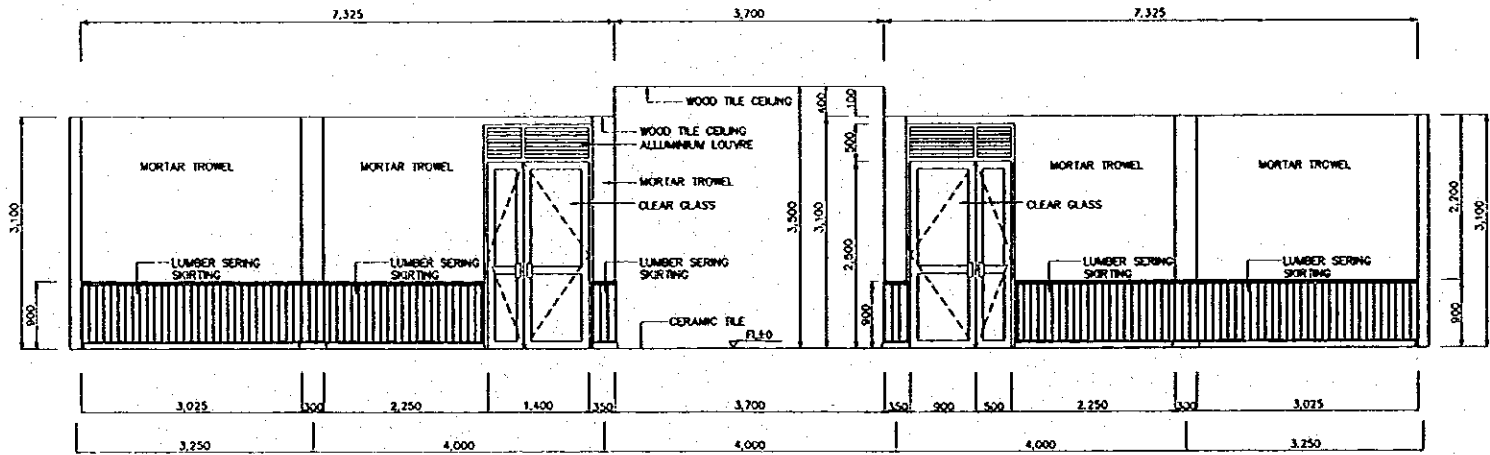
THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
BRATUNGSILINA FLOOD CONTROL PROJECT COMPONENT - JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX ADMINISTRATION BUILDING (1/2)		PROJECT NAME FLOOD CONTROL, DAM DEBRISAGE AND WATER RESOURCES DEVELOPMENT OF SEMARANG BY THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY CITY ENGINEERING CO., LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL, INC. PACIFIC INTERNATIONAL, INC.		DISTRICT SEMARANG CITY
DESIGNED CHECKED CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		DRAWING NO. JO - P2 - MC - AB - 7 SHEET NO. 17 DATE CONTRACT NO.



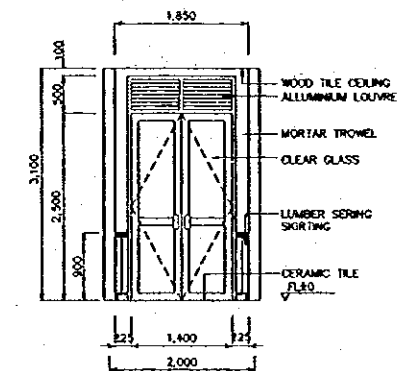
A



B



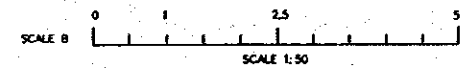
C



D

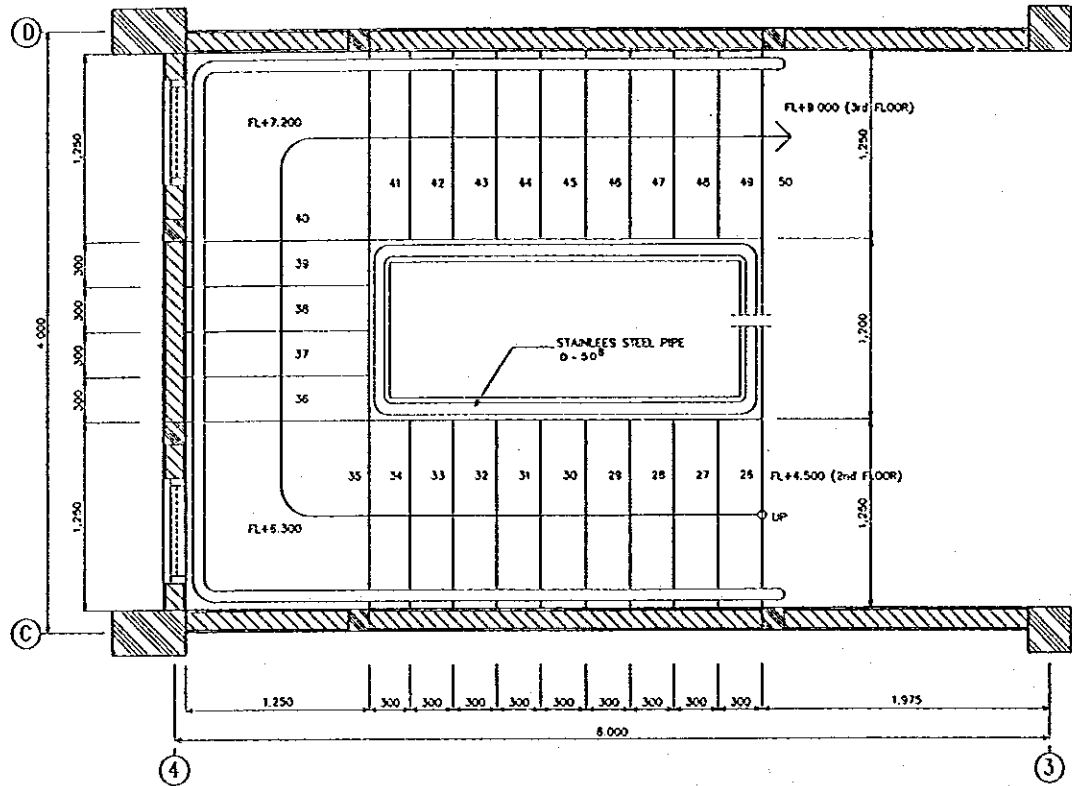
CORRIDOR
SCALE B Ab B

INTERIOR ELEVATION Ab B
SCALE B

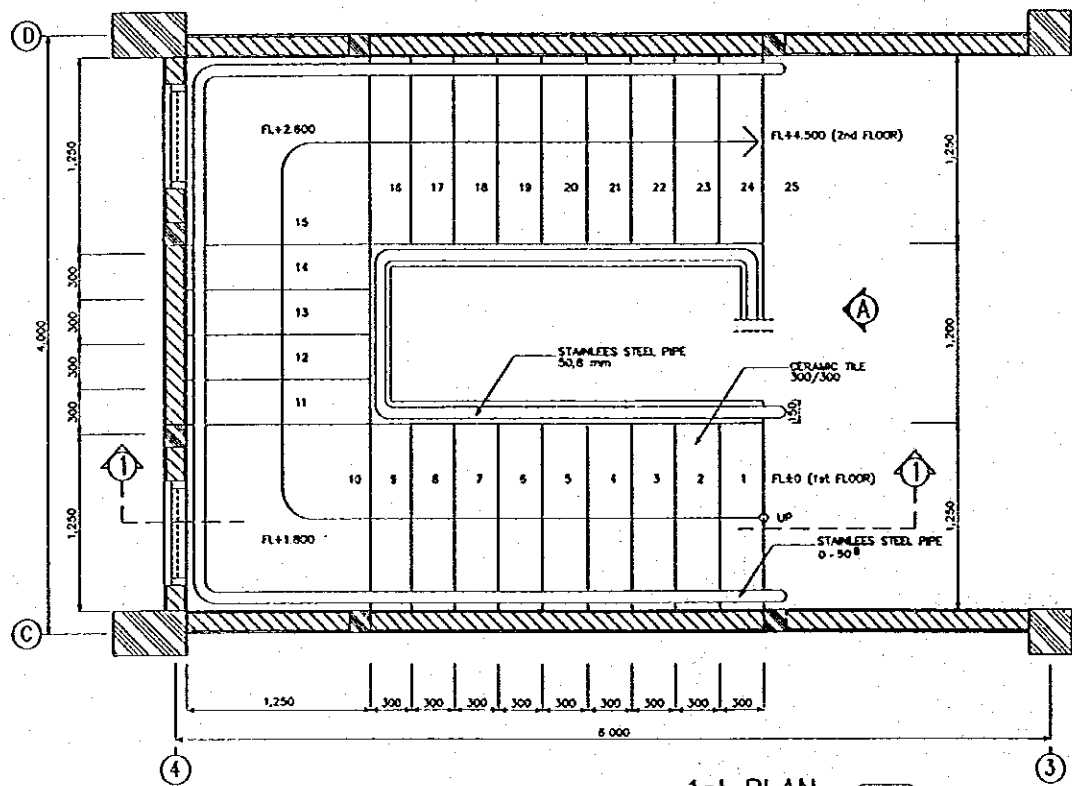


NO	DATE	REVISIONS	CREATED	DESIGNED	APPROVED

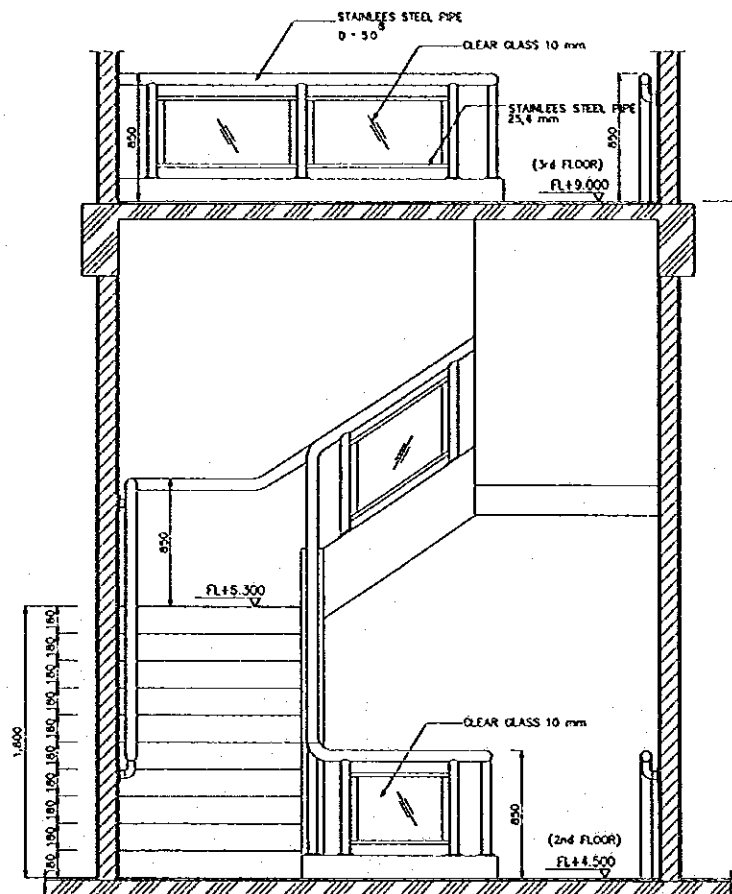
THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAWA
RAJAWALUMAJA FLOOD CONTROL PROJECT COMPONENT : JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX ADMINISTRATION BUILDING (2/2)		DISTRICT SEMARANG CITY
DRAWING NO. JD-P2-MC-AB-8 SHEET NO. 18		DATE CONTRACT NO.
DESIGNED CHECKED APPROVED		PROJECT MANAGER



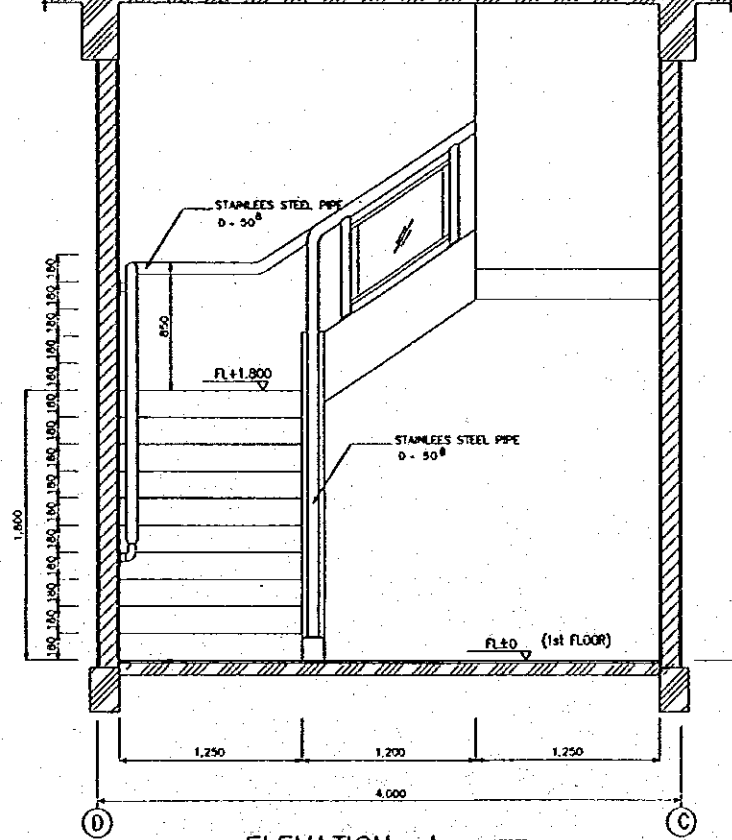
2nd PLAN
SCALE A



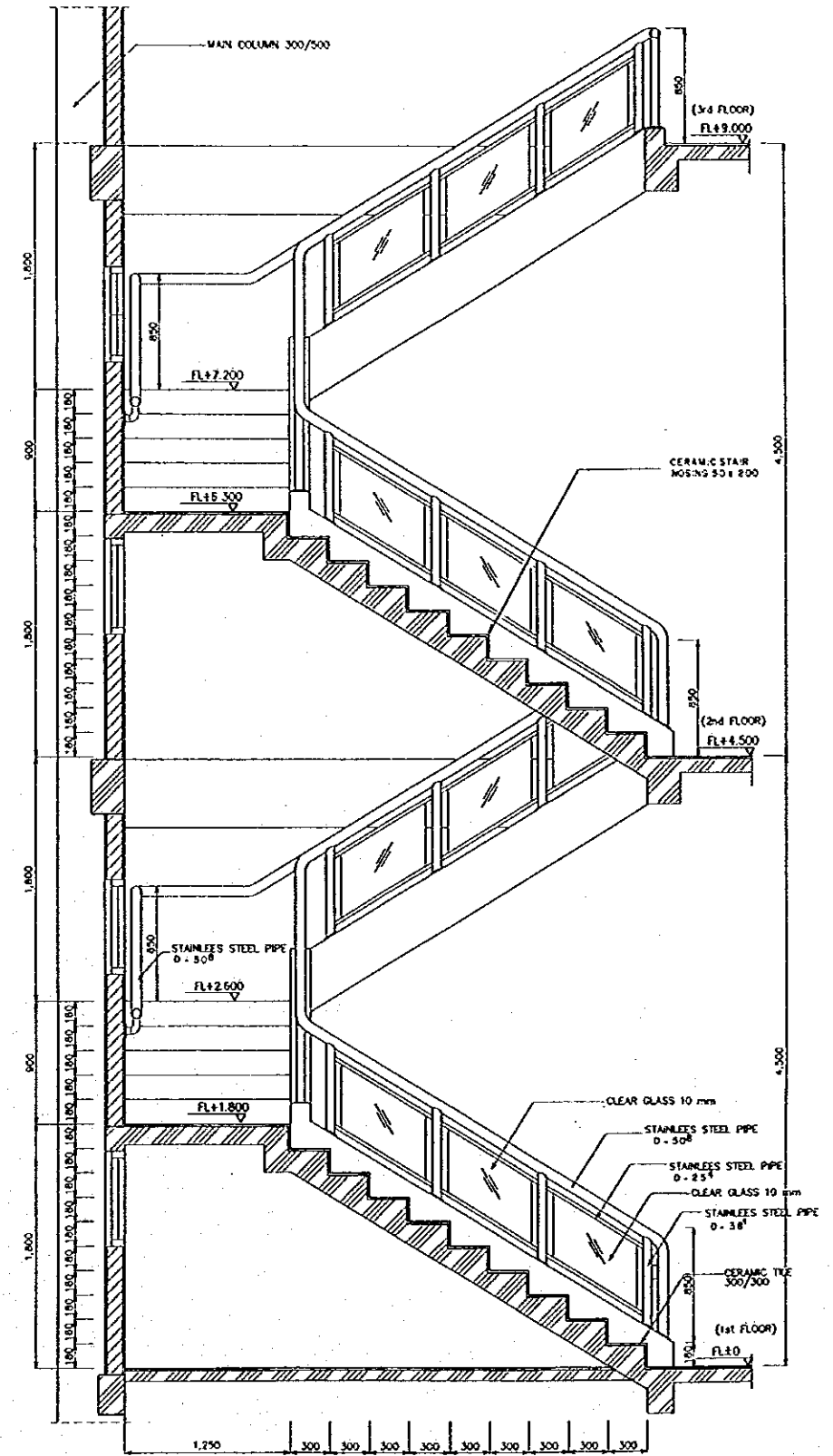
1st PLAN
SCALE A



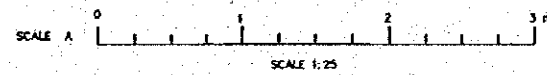
ELEVATION A
SCALE A



ELEVATION A
SCALE A

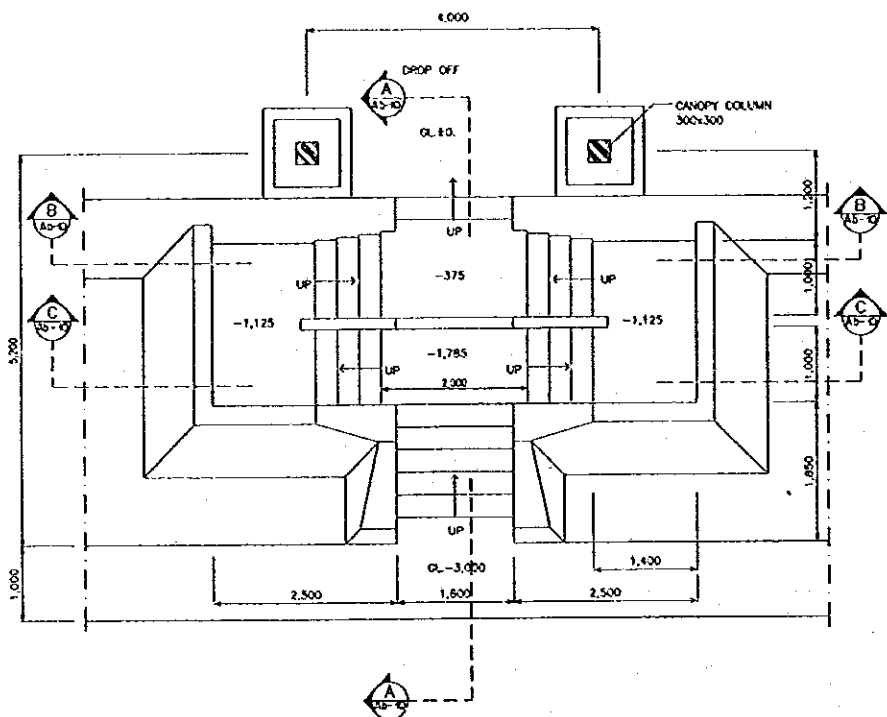


SECTION 1-1
SCALE A

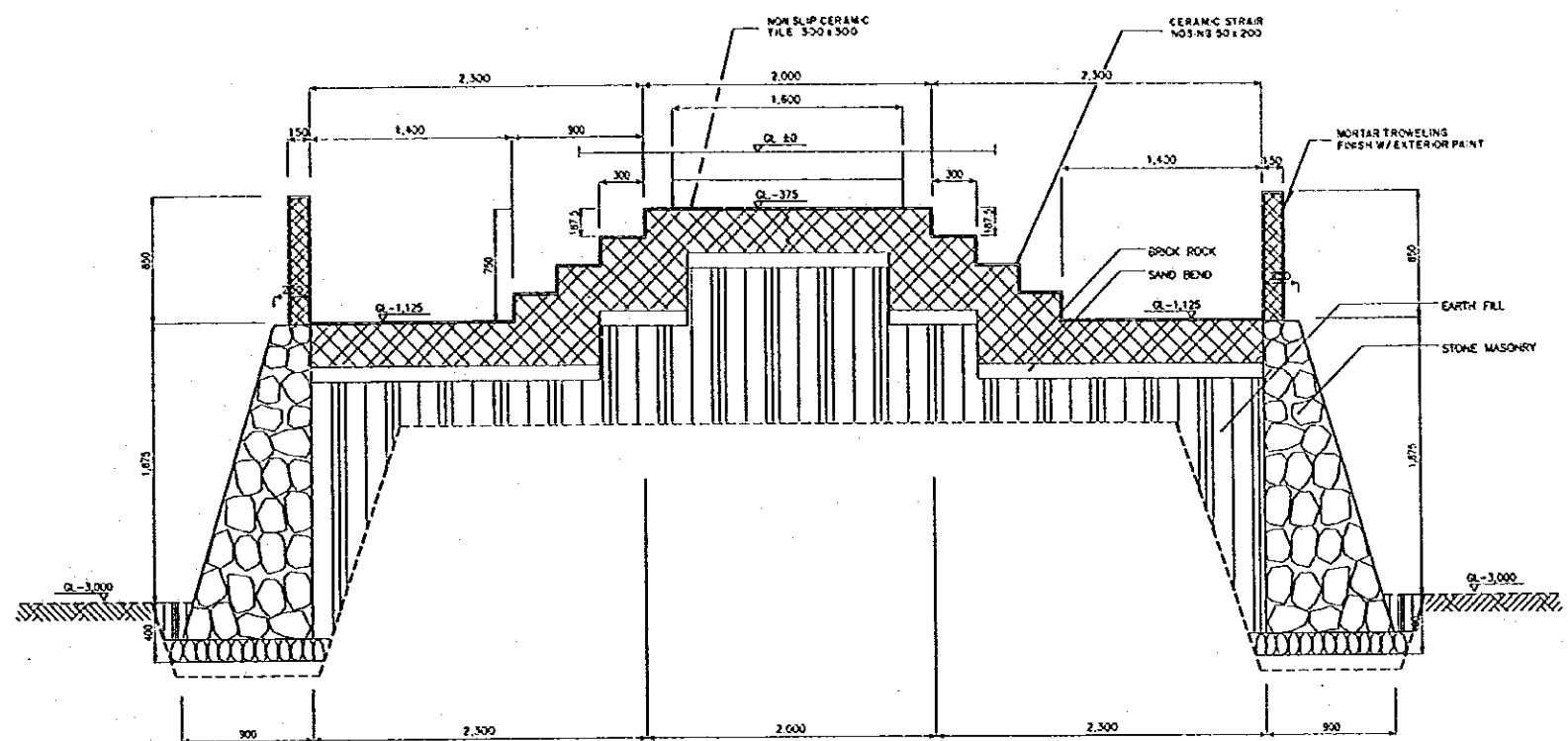


NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

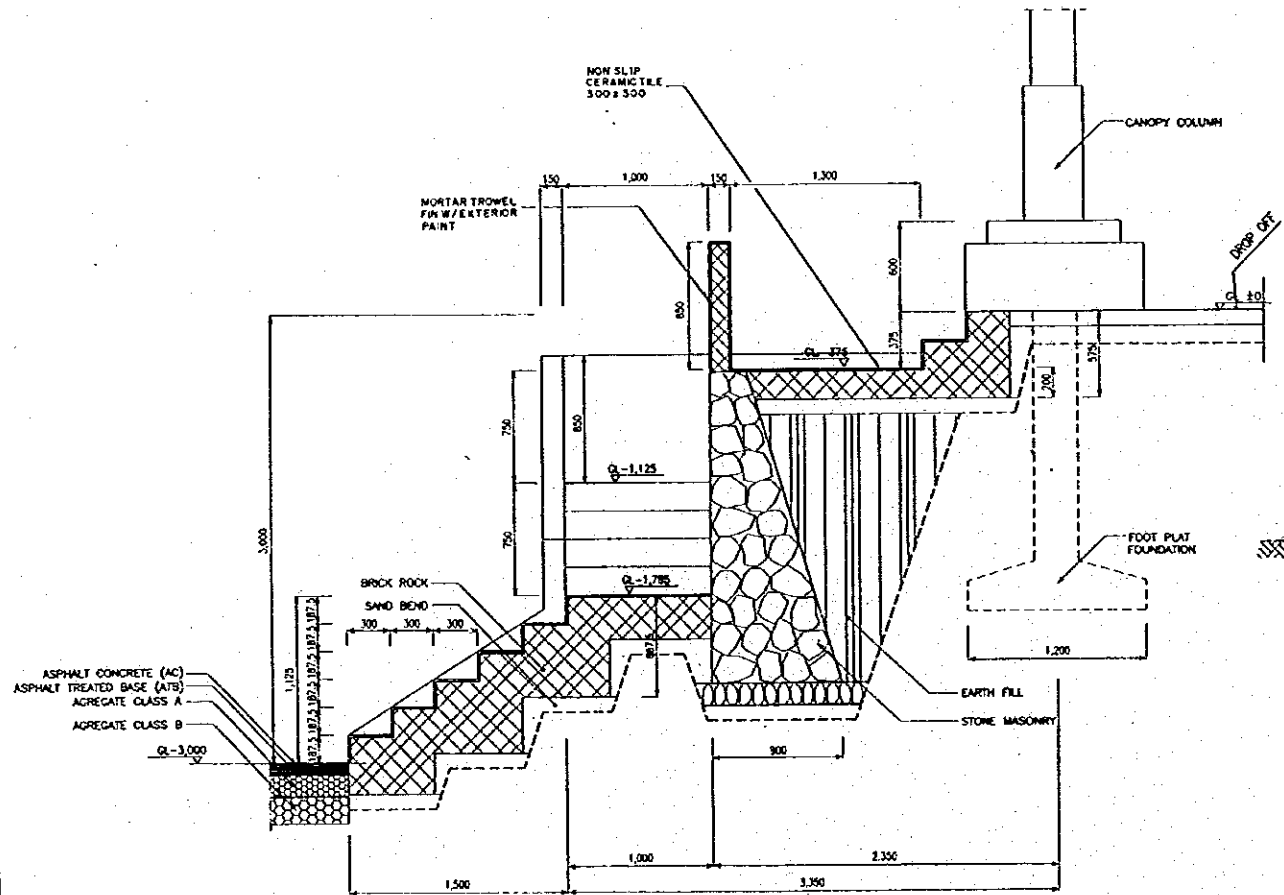
<p>THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT</p>		<p>PROVINCE CENTRAL JAWA</p>
<p>JATIBARANG DAM MANAGEMENT COMPLEX DETAIL A1 (STAIRS DETAIL) ADMINISTRATION BUILDING</p>		<p>DISTRICT SEMARANG CITY</p>
<p>DATE: 10/11/19</p>		<p>CONTRACT NO.</p>



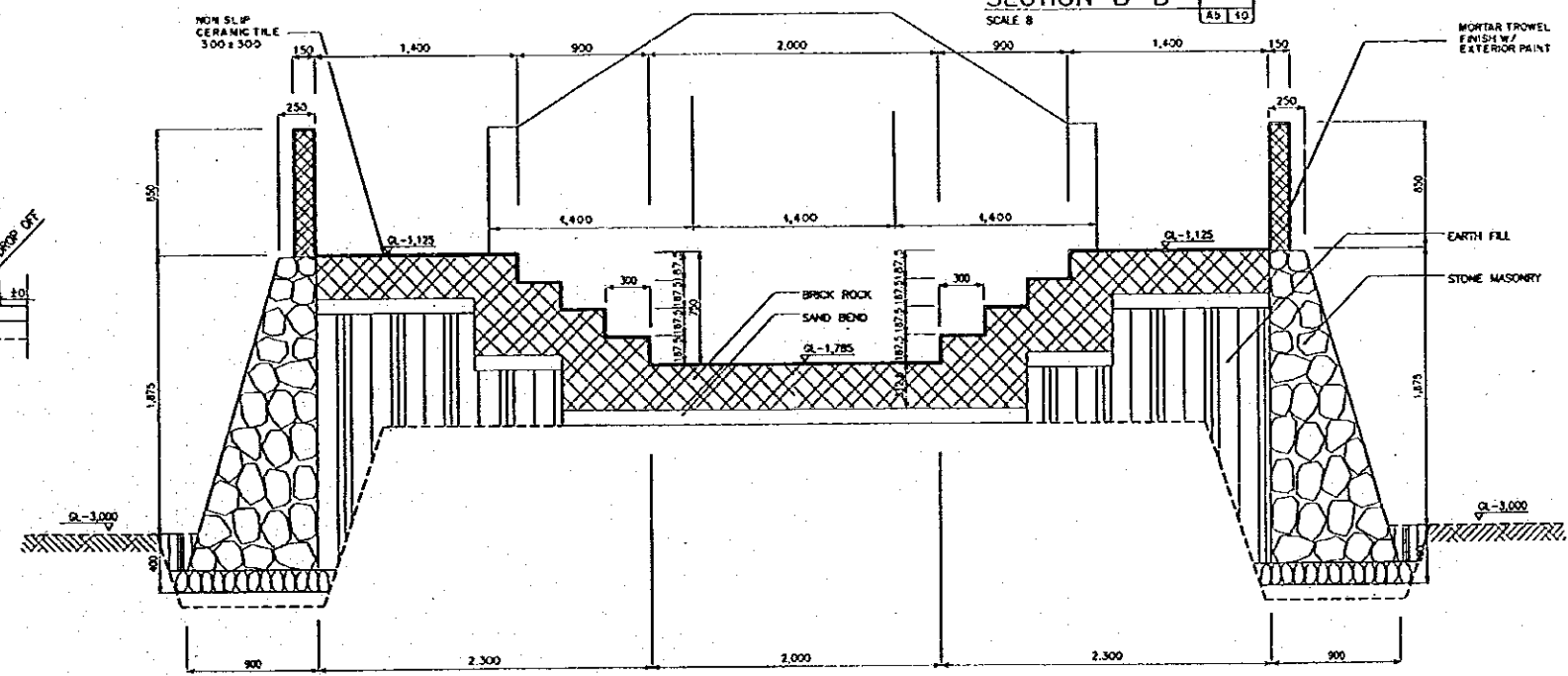
PLAN A2
SCALE A



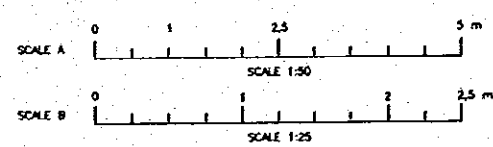
SECTION B-B
SCALE B



SECTION A-A
SCALE B

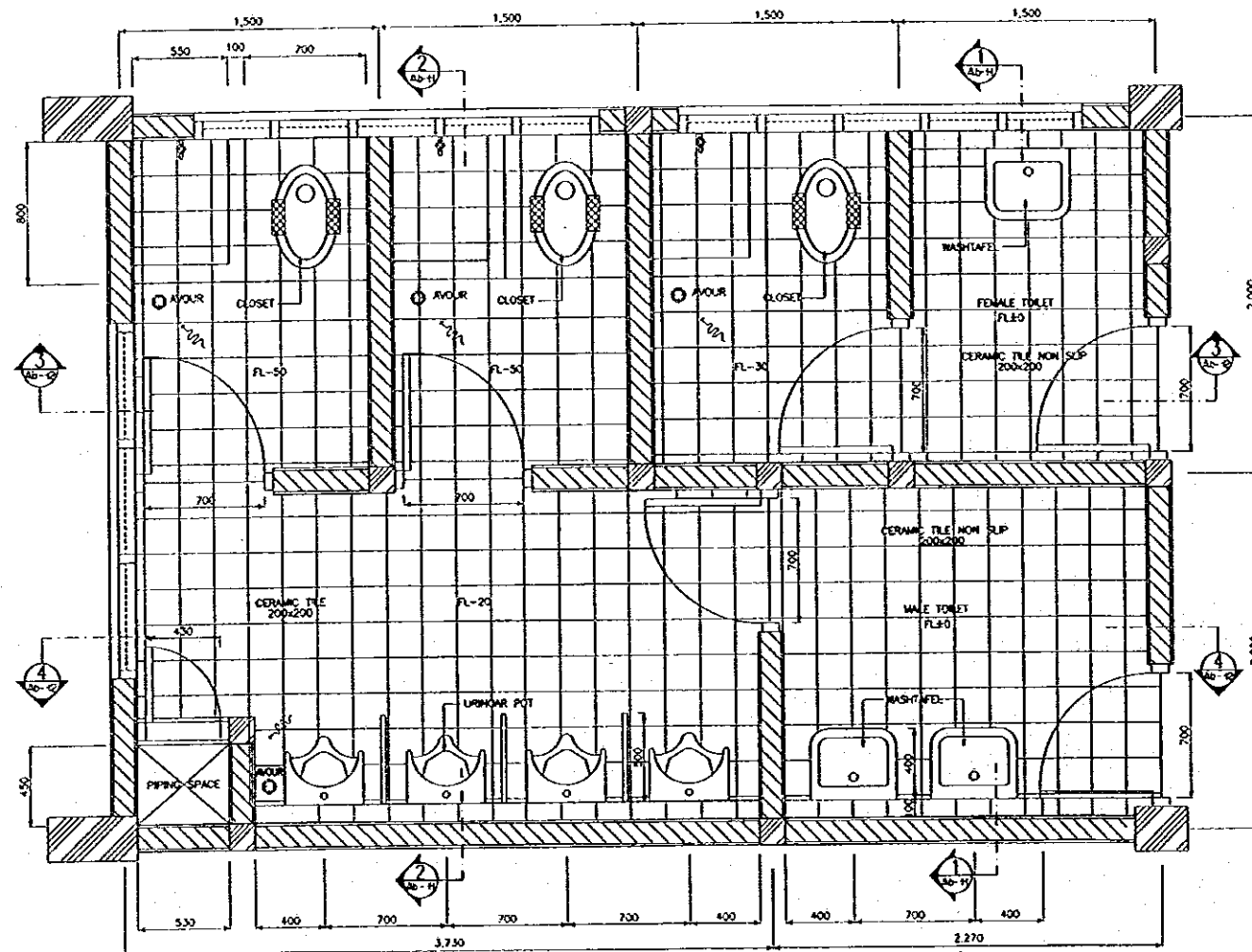


SECTION C-C
SCALE B

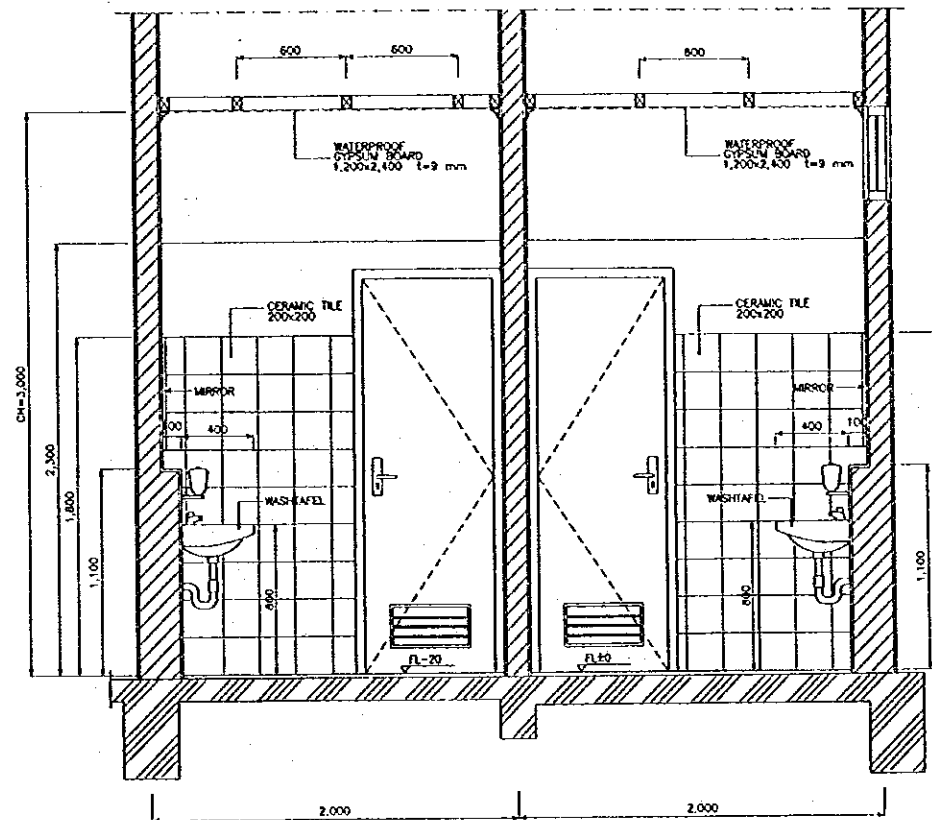


NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

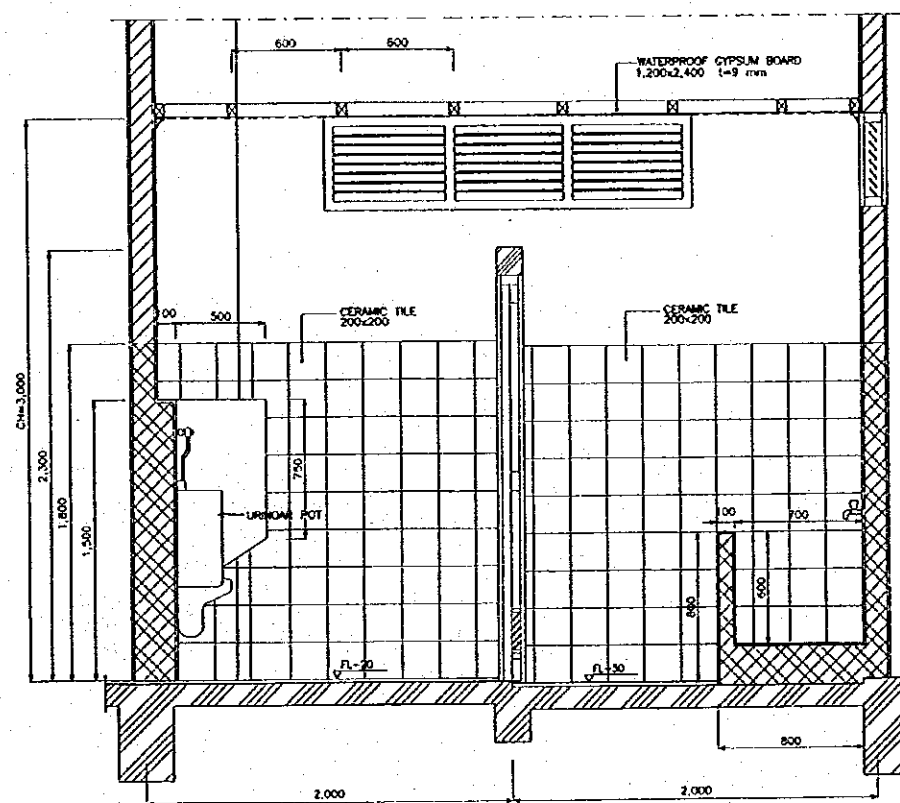
THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
IRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX DETAIL A2 (FRONT STAIRS DETAIL) ADMINISTRATION BUILDING		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
SIFAR INTERNATIONAL COOPERATION AGENCY C/I ENGINEERING COLTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND PARCO INTERNATIONAL PSC.		DISTRICT SEMARANG CITY
CHECKED: <i>[Signature]</i> DATE:		DRAWING NO. JD-P2-MC-Ab-10 SHEET NO. 20
APPROVED: <i>[Signature]</i> CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		CONTRACT NO.



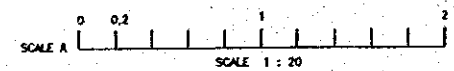
DETAIL PLAN A3
SCALE A



SECTION 1-1
SCALE A

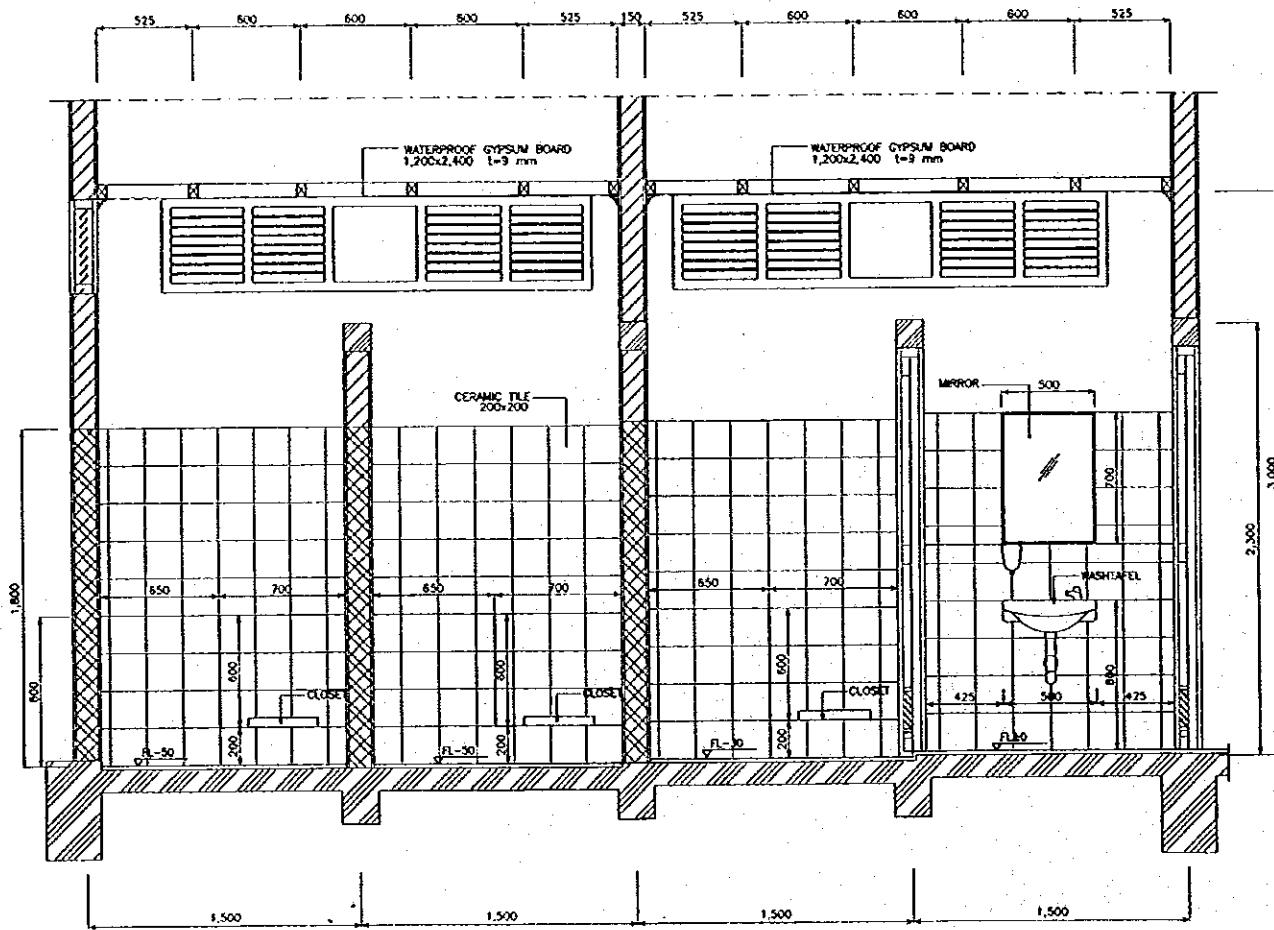


SECTION 2-2
SCALE A

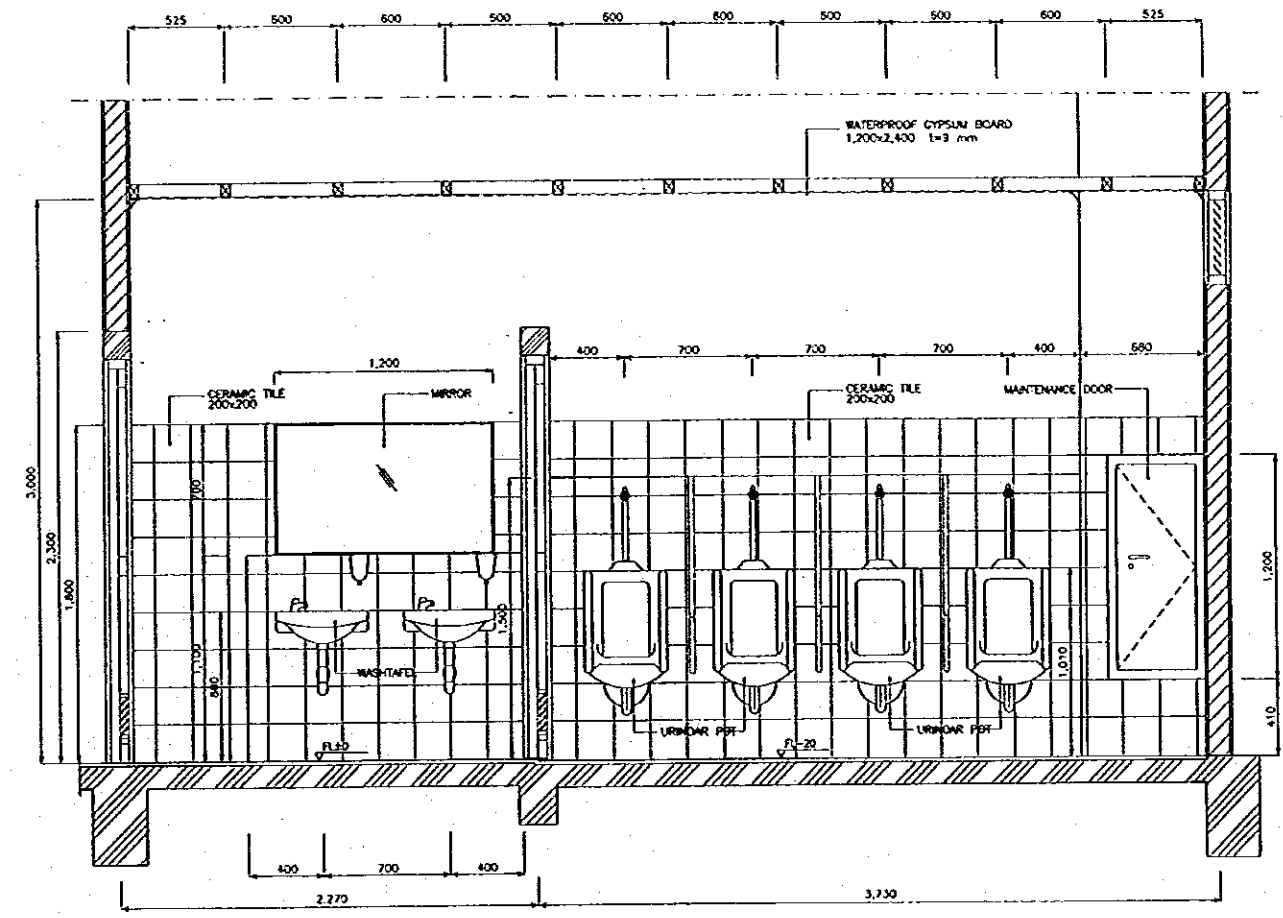


NO.	DATE	REVISIONS	CREATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAWA
JATIBARANG DAM MANAGEMENT COMPLEX ADMINISTRATION BUILDING DETAIL A3 (LAVATORY DETAIL) (1/2)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG BY THE REPUBLIC OF INDONESIA
JAWA INTERNATIONAL COOPERATIVE AGENCY PT. ENGINEERING CO. LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND PACIFIC INTERNATIONAL, INC.		DISTRICT SEMARANG CITY
OFFICER <i>[Signature]</i>		DRAWING NO. JO-P2-MC-Ab-11 SHEET NO. 21
CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		DATE 11/1
APPROVED <i>[Signature]</i>		CONTRACT NO.



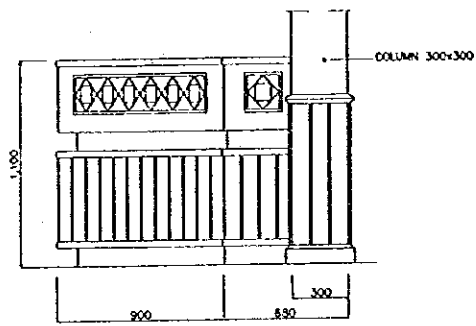
SECTION 3-3
SCALE A



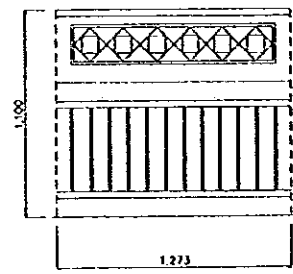
SECTION 4-4
SCALE A

NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

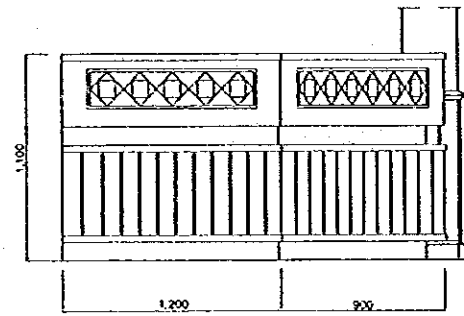
THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAWA
RATONSSELUNA FLOOD CONTROL PROJECT COMPONENT : JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX DETAIL A3 (LAVATORY DETAIL) ADMINISTRATION BUILDING (2/2)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY CITY ENGINEERING COLLEGE IN SEMARANG PACIFIC CONSULTANTS INTERNATIONAL, INC. FLOOD INTERNATIONAL, INC.		DISTRICT SEMARANG CITY
DESIGNED CHECKED CITY OF SEMARANG AND DESKIN PROJECT MANAGER		DRAWING NO. JD-P2-MC-AB-12 SHEET NO. 22 DATE CONTRACT NO.



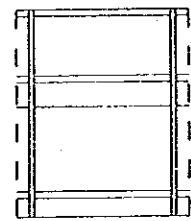
ELEVATION A
SCALE A



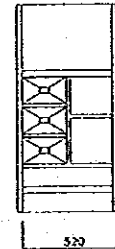
ELEVATION B
SCALE A



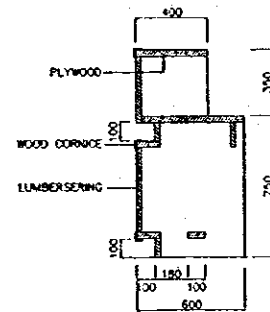
ELEVATION C
SCALE A



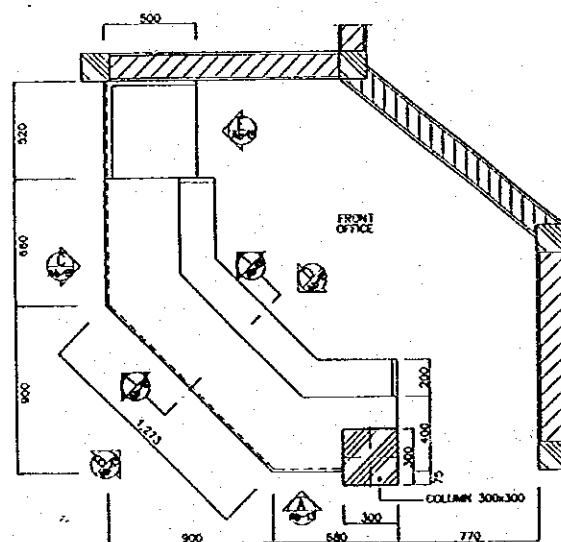
ELEVATION D
SCALE A



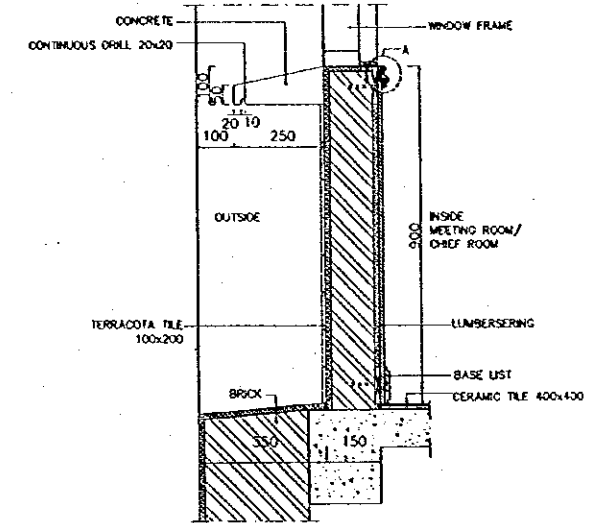
ELEVATION E
SCALE A



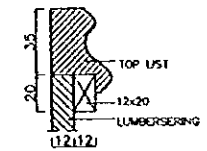
SECTION 1-1
SCALE A



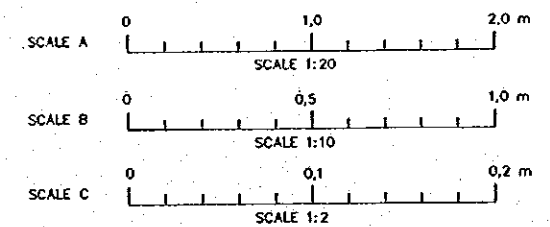
FRONT OFFICE
DESK PLAN
SCALE A



DETAIL SECTION
SCALE B

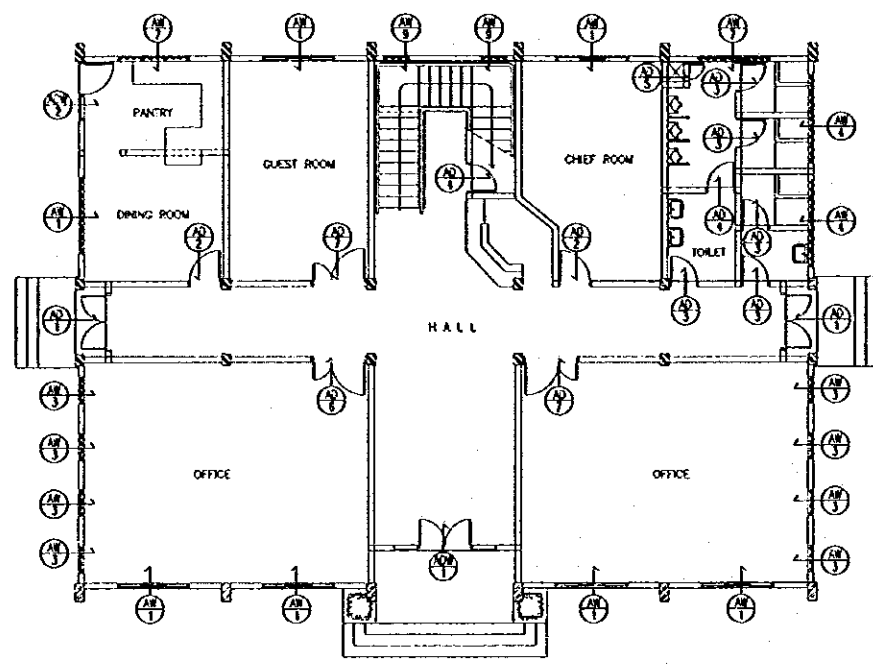


DETAIL A
SCALE C

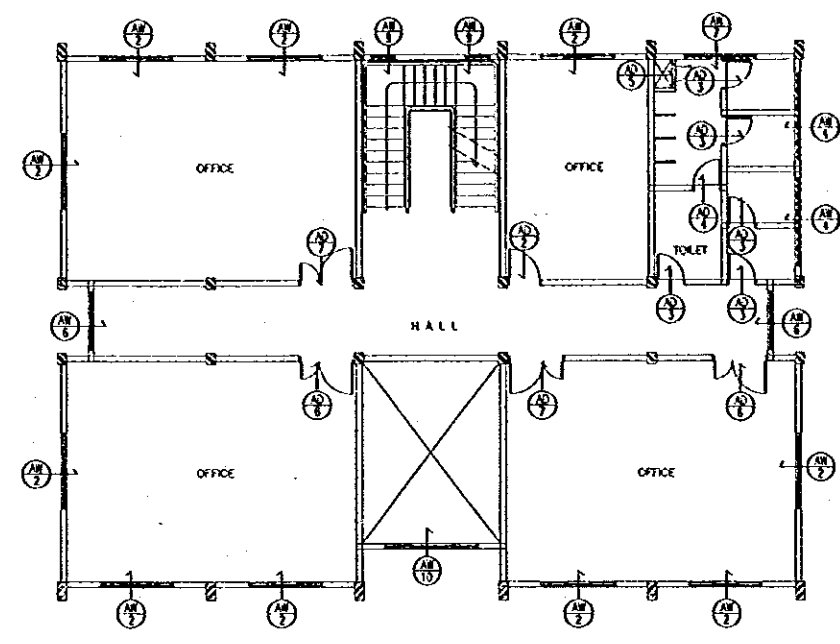


NO	DATE	REVISIONS	ORIGENATOR	DESIGNED	APPROVED

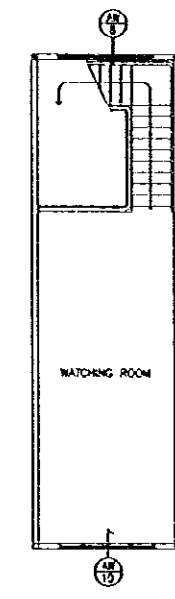
THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
COMPONENT : JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX MISCELLANEOUS DETAIL ADMINISTRATION BUILDING		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAWAH INTERNATIONAL COOPERATION AGENCY C/TA INTERNATIONAL COLLECTIVE IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL, INC. AND PAKO INTERNATIONAL, INC.		DISTRICT SEMARANG CITY
CENTER OF PLANNING AND DESIGN PROJECT MANAGER		DRAWING NO. JD-P2-MC-AB-13 SHEET NO. 23
DESIGNED CHECKED DATE		CONTRACT NO.



1st FLOOR KEY PLAN
SCALE A



2nd FLOOR KEY PLAN
SCALE A



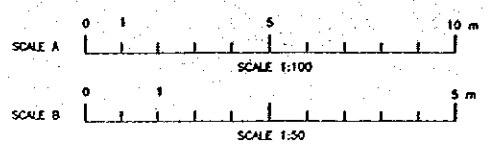
3rd FLOOR KEY PLAN
SCALE A

MARK		QTY	AD 1	1	AD 2	1	AD 3	2	AD 7	3
SHAPE										
TYPE			DOUBLE SWING, FIX & LOUVRE		DOUBLE SWING & LOUVRE		DOUBLE SWING		SINGLE SWING	
MATERIAL	FINISH	FRAME	ALU	ANO	ALU	ANO	ALU	ANO	ALU	ANO
		PANEL	GLASS	-	PLYWOOD 6 MM THICK & GLASS	PRG	GLASS	-	PLYWOOD 6 MM, GLASS	PRG
GLASS			CLEAR 5 MM THICK		CLEAR 5 MM THICK		CLEAR 5 MM THICK		CLEAR 5 MM THICK	
HARDWARE			METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET	
POSITION			LOBBY		KITCHEN		CORRIDOR		DINING ROOM, CHIEF ROOM, OFFICE	
MARK		QTY	AD 3	10	AD 4	3	AD 5	2	AD 6	3
SHAPE										
TYPE			SINGLE SWING, LOUVRE		SINGLE SWING, LOUVRE		SINGLE SWING		DOUBLE SWING	
MATERIAL	FINISH	FRAME	ALU	ANO	ALU	ANO	ALU	ANO	ALU	ANO
		PANEL	PLYWOOD 6 MM THICK	PRG	PLYWOOD 6 MM THICK	PRG	ALU	PARTED	GLASS	-
GLASS			CLEAR 5 MM THICK		CLEAR 5 MM THICK		CLEAR 5 MM THICK		CLEAR 5 MM THICK	
HARDWARE			METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET	
POSITION			TOILET		TOILET		SHAFT		OFFICE	

DOOR & WINDOW SCHEDULE
SCALE B

LEGEND :
 AD : ALUMINUM DOOR
 AW : ALUMINUM WINDOW
 AL : ALUMINUM LOUVRE
 ADW : ALUMINUM DOOR WINDOW
 DOORS & WINDOWS SYMBOL
 REFERENCE NO.

MATERIAL :
 ALU : ALUMINUM
 ANO : ANODIZED
 PRG : POLYUR, CLEAR SEMI-GLOSS



NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT

PROVINCE: CENTRAL JAVA
 PROJECT NAME: FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
 DISTRICT: SEMARANG CITY
 DRAWING NO. J0-P2-MC-AB-14
 SHEET NO. 24

JATIBARANG DAM MANAGEMENT COMPLEX
 KEY PLAN & DOOR WINDOW SCHEDULE
 ADMINISTRATION BUILDING

DATE: _____ CONTRACT NO.: _____

APPROVED: _____
 PROJECT MANAGER

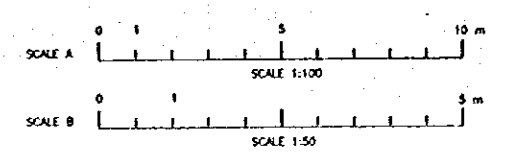
MARK		QTY		AD 7	4	AW 1	7	AW 2	10	AW 3	8
SHAPE											
TYPE		DOUBLE SWING		FIX & SWING		FIX & SWING		FIX			
MATERIAL	FINISH	FRAME	ALU	ANO	ALU	ANO	ALU	ANO	ALU	ANO	
		PANEL	GLASS	-	GLASS	-	GLASS	-	GLASS	-	
GLASS		CLEAR 5 MM THICK		CLEAR 5 MM THICK		CLEAR 5 MM THICK		CLEAR 5 MM THICK			
HARDWARE		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET			
POSITION		OFFICE, GUEST ROOM		OFFICE, MEETING, CHIEF, DINNING ROOM		OFFICE		OFFICE		OFFICE ROOM	
MARK		QTY		AW 4	4	AW 5	2	AW 7	1	AW 8	1
SHAPE											
TYPE		FIX, LOUVRE		FIX & SLIDING		FIX & SLIDING		FIX			
MATERIAL	FINISH	FRAME	ALU	ANO	ALU	ANO	ALU	ANO	ALU	ANO	
		PANEL	GLASS, ALU	ANO	GLASS	-	GLASS	-	GLASS	-	
GLASS		CLEAR 5 MM THICK		CLEAR 5 MM THICK		CLEAR 5 MM THICK		CLEAR 5 MM THICK			
HARDWARE		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET			
POSITION		TOILET		CORRIDOR		TOILET		WATCHING ROOM			
MARK		QTY		AW 9	4	AW 10	1				
SHAPE											
TYPE		FIX		FIX & SLIDING							
MATERIAL	FINISH	FRAME	ALU	ANO	ALU	ANO					
		PANEL	GLASS	-	GLASS	-					
GLASS		CLEAR 5 MM THICK		CLEAR 5 MM THICK							
HARDWARE		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET							
POSITION		STAIR ROOM		VDE							

DOOR & WINDOW SCHEDULE AS 15

LEGEND :
 AD : ALUMINIUM DOOR
 AW : ALUMINIUM WINDOW
 AL : ALUMINIUM LOUVRE
 ADW : ALUMINIUM DOOR WINDOW
 DOORS & WINDOWS
 SWING

MATERIAL :
 ALU : ALUMINIUM
 ANO : ANODIZED
 PRG : POLYUR, CLEAR SEMIBLASS

REFERENCE NO.



NO	DATE	REVISOR	ORIGINATED	DESIGNED	APPROVED

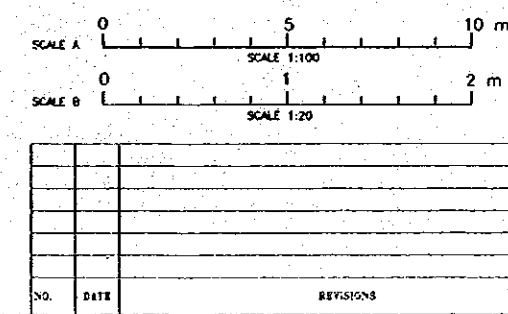
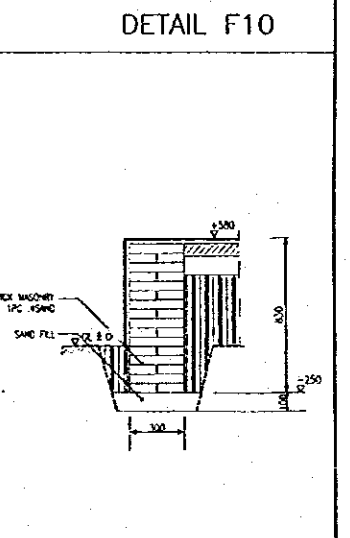
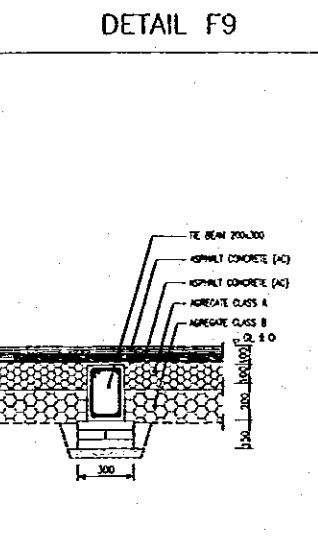
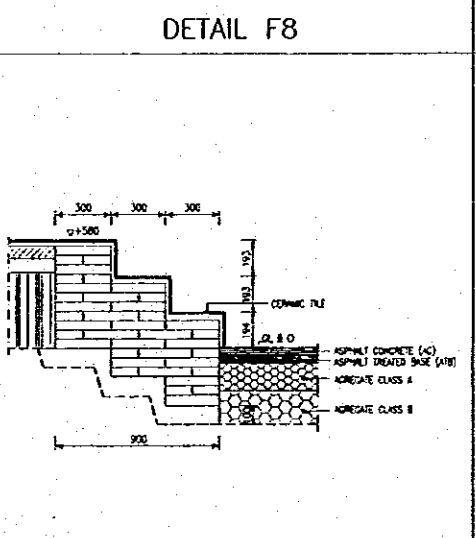
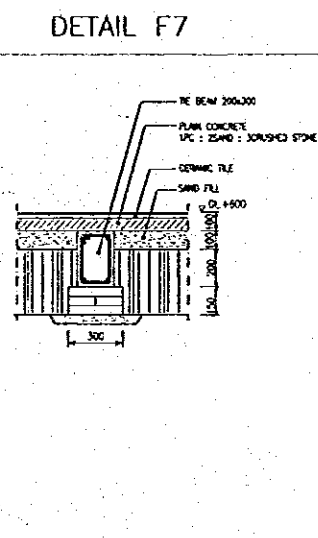
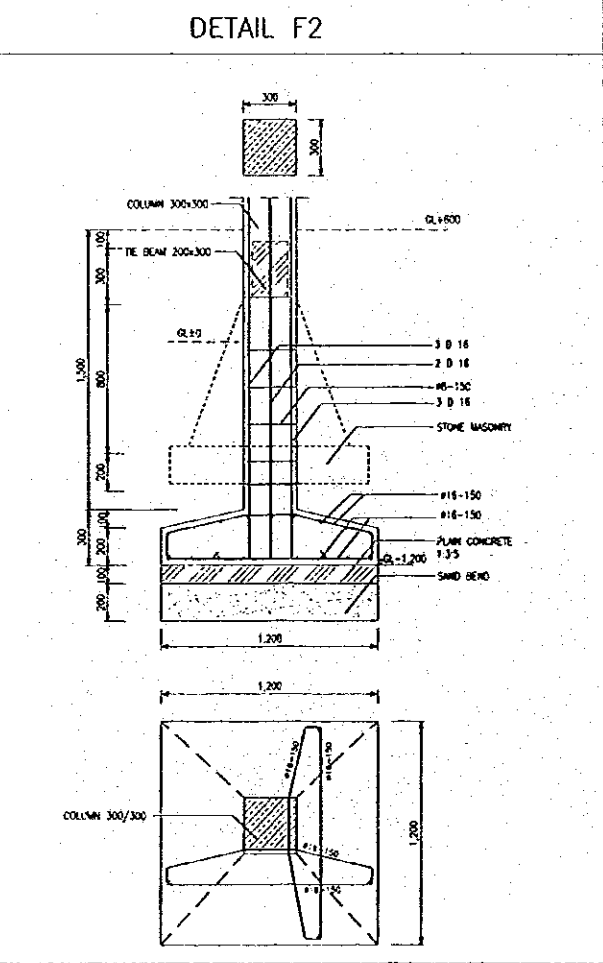
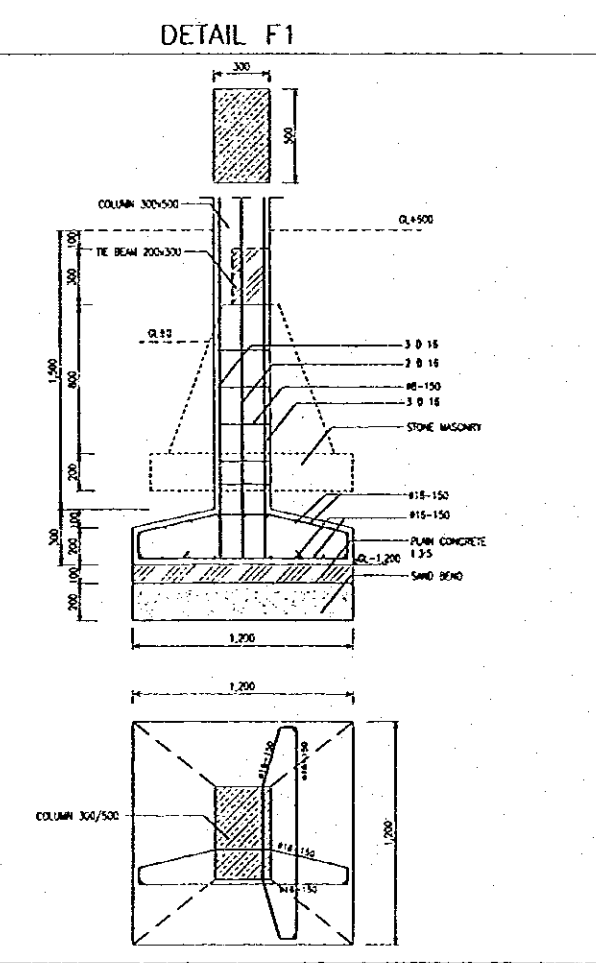
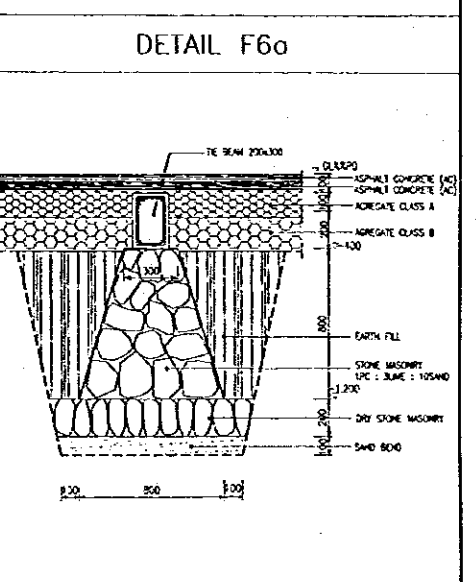
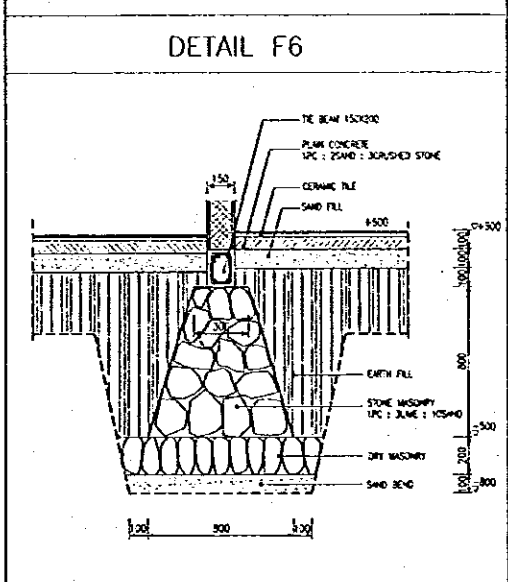
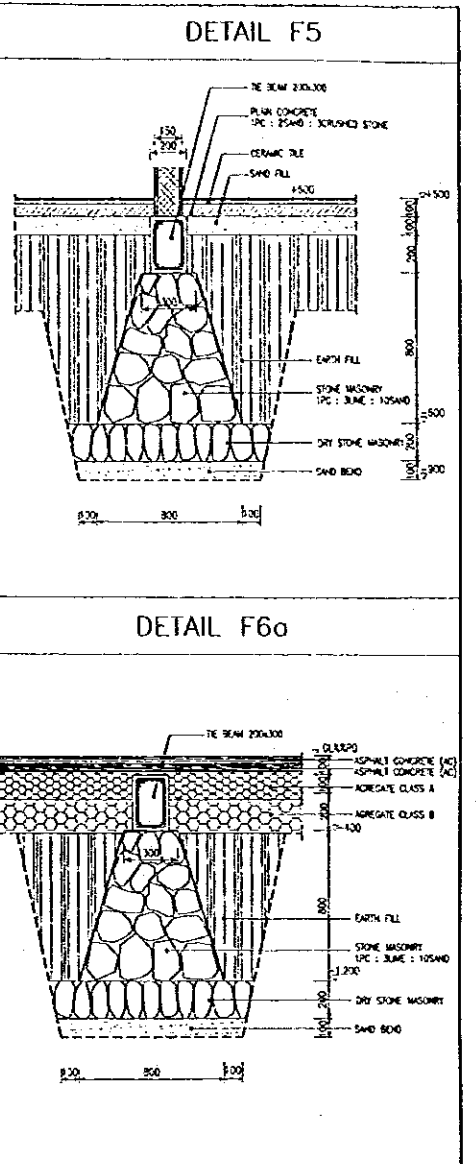
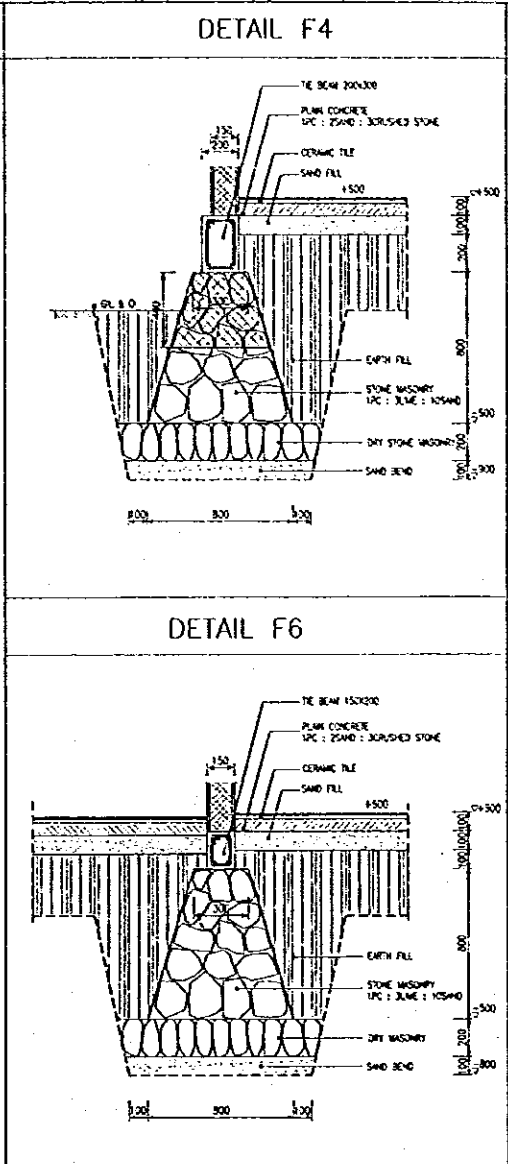
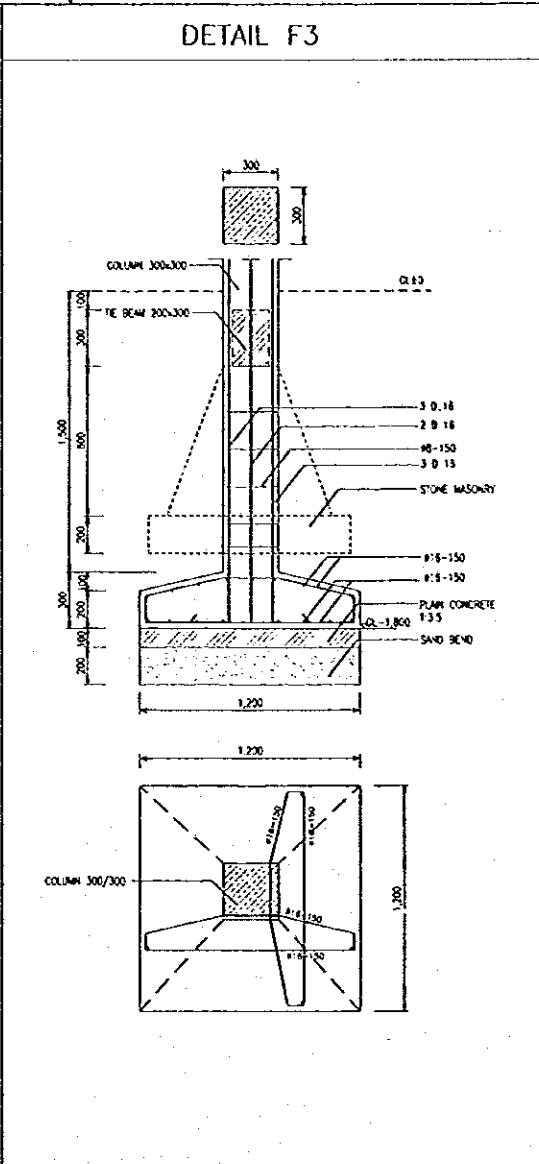
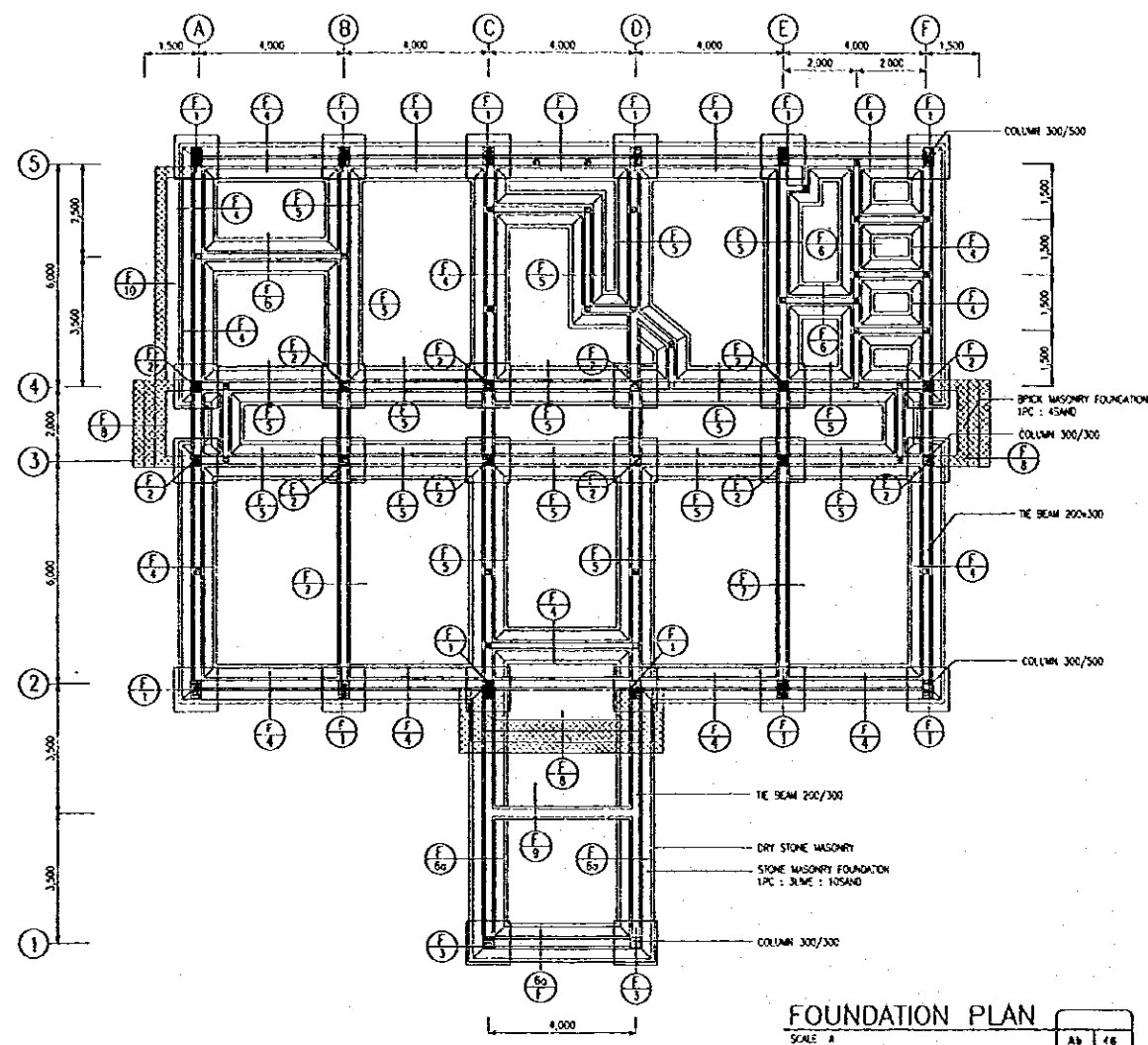
THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT

JATIBARANG DAM MANAGEMENT COMPLEX
 KEY PLAN & DOOR WINDOW SCHEDULE
 ADMINISTRATION BUILDING

JAPAN INTERNATIONAL COOPERATION AGENCY
 CITY ENGINEERING CONSULTANTS & ARCHITECTS FOR
 PACIFIC CONSULTANTS INTERNATIONAL, AND
 TAIKOO INTERNATIONAL P.C.

DESIGNED: *[Signature]*
 CHECKED: *[Signature]*
 CHIEF OF PLANNING AND DESIGN
 PROJECT MANAGER

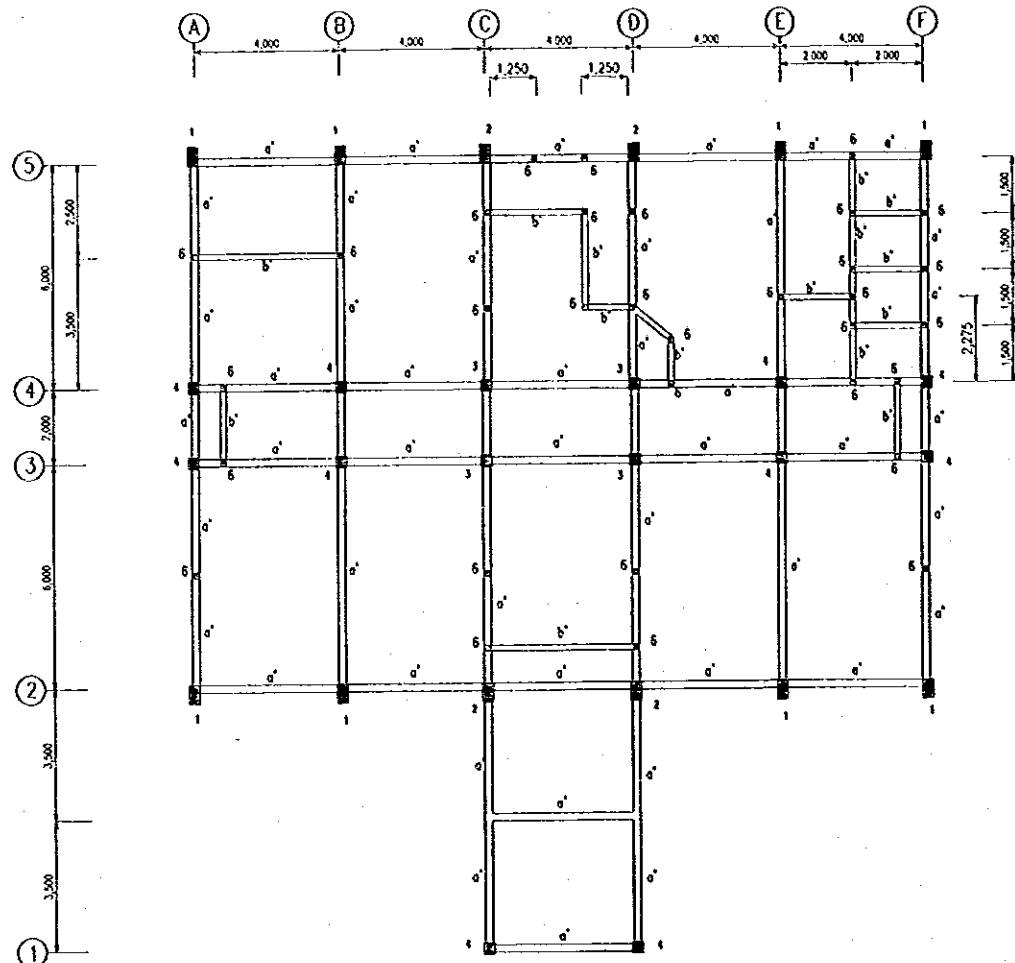
PROVINCE: CENTRAL JAVA
 PROJECT NAME: FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
 DISTRICT: SEMARANG CITY
 DRAWING NO: JD-P2-MC-Ab-15
 SHEET NO: 25
 DATE: *[Date]*
 CONTRACT NO: *[Contract No]*



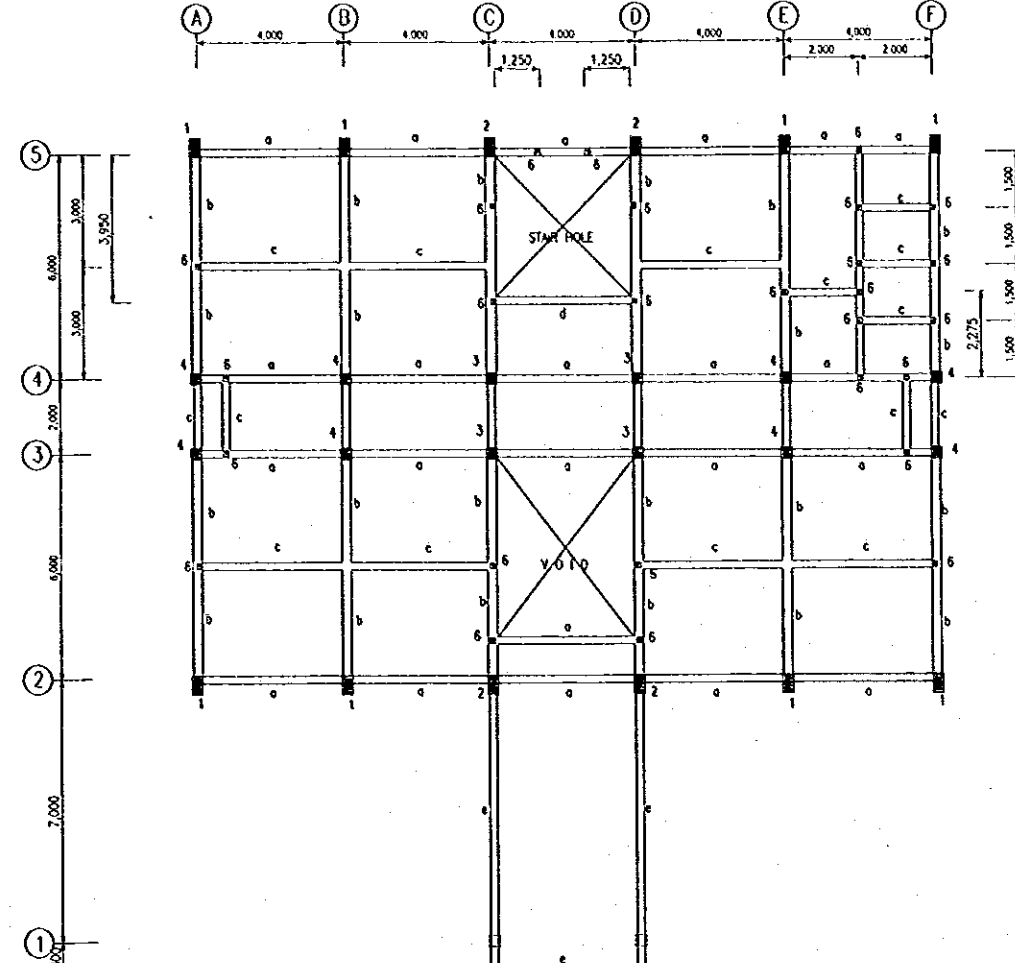
FOUNDATION SCHEDULE SCALE: 1/4' Ab 16

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
FRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT : JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX FOUNDATION PLAN AND DETAIL ADMINISTRATION BUILDING		PROJECT NAME FLOOD CONTROL, URBAN MANAGEMENT AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY CUI ENGINEERING CO., LTD IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND PAMCO INTERNATIONAL INC.		DISTRICT SEMARANG CITY
DESIGNED: <i>[Signature]</i> CHECKED: <i>[Signature]</i>		DRAWING NO. JD-P2-MC-Ab-16 SHEET NO. 26 DATE CONTRACT NO.
CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		

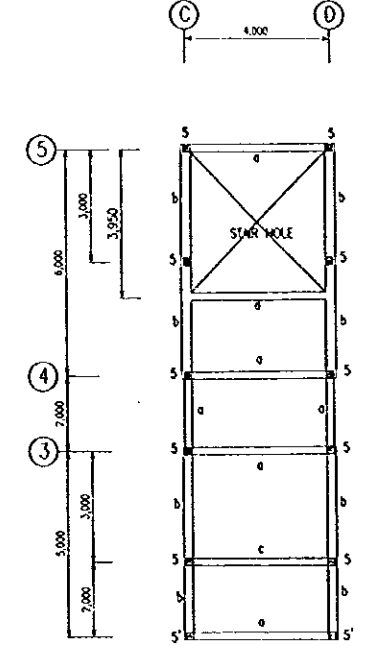
NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED	APPROVED



COLUMN AND TIE BEAM PLAN +500
SCALE A



COLUMN AND TIE BEAM PLAN +5,070
SCALE A



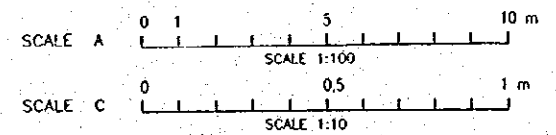
COLUMN AND TIE BEAM PLAN +9,570
SCALE A

ARRANGEMENT	BEAM TYPE a'	BEAM TYPE b'	BEAM TYPE a		BEAM TYPE b		BEAM TYPE c	BEAM TYPE d	BEAM TYPE e		BEAM TYPE f	BEAM TYPE g	BEAM TYPE h	BEAM TYPE i
			MIDSPAN	EDGE	MIDSPAN	EDGE			MIDSPAN	EDGE				
TOP	3 D 16	2 D 12	7 D 16	5 D 16	8 D 16	6 D 16	4 D 16	3 D 16	6 D 16	4 D 16	2 D 16	2 D 16	3 D 16	2 D 16
MIDDLE			2 D 12	2 D 12	2 D 12	2 D 12			2 D 12	3 D 12				
BOTTOM	3 D 16	2 D 12	5 D 16	7 D 16	8 D 16	8 D 16	4 D 16	4 D 16	4 D 16	6 D 16	2 D 16	2 D 16	3 D 16	2 D 16
STIRRUP	#8-150	#8-150	#10-75	#10-75	#10-120	#10-100	#10-75	#8-75	#10-120	#10-120	#8-100	#8-150	#8-75	#8-150

TYPICAL SECTION OF BEAM REINFORCEMENT
SCALE C

ARRANGEMENT	COLUMN TYPE 1	COLUMN TYPE 2	COLUMN TYPE 3	COLUMN TYPE 4	COLUMN TYPE 5	COLUMN TYPE 5'	COLUMN TYPE 6
		8 D 16	14 D 16	12 D 16	8 D 16	4 D 16	8 D 16
STIRRUP	#10-120	#10-120	#10-120	#10-120	#8-75	#8-75	#8-150

TYPICAL SECTION OF COLUMN REINFORCEMENT
SCALE C



NO	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

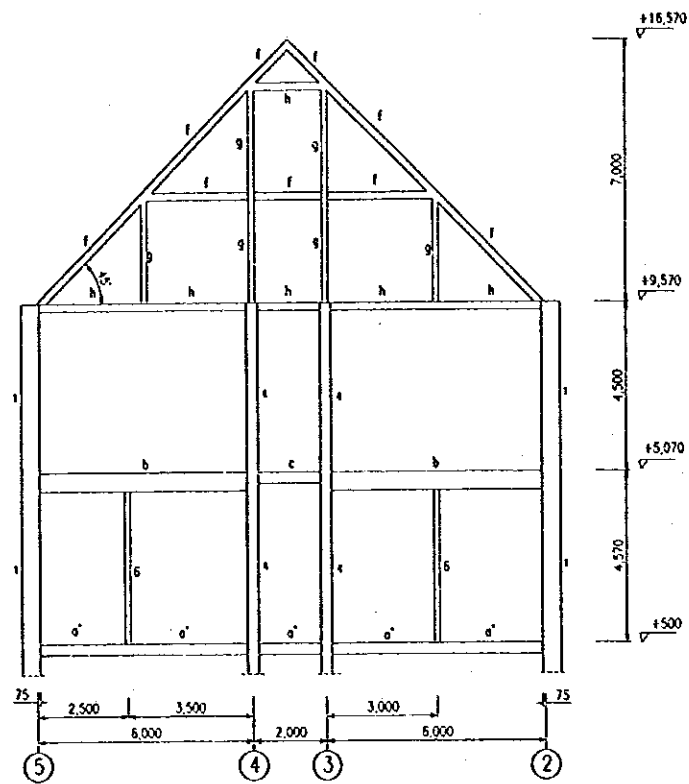
THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT

JATIBARANG DAM MANAGEMENT COMPLEX
 COLUMN, TIE BEAM, AND DETAIL
 ADMINISTRATION BUILDING

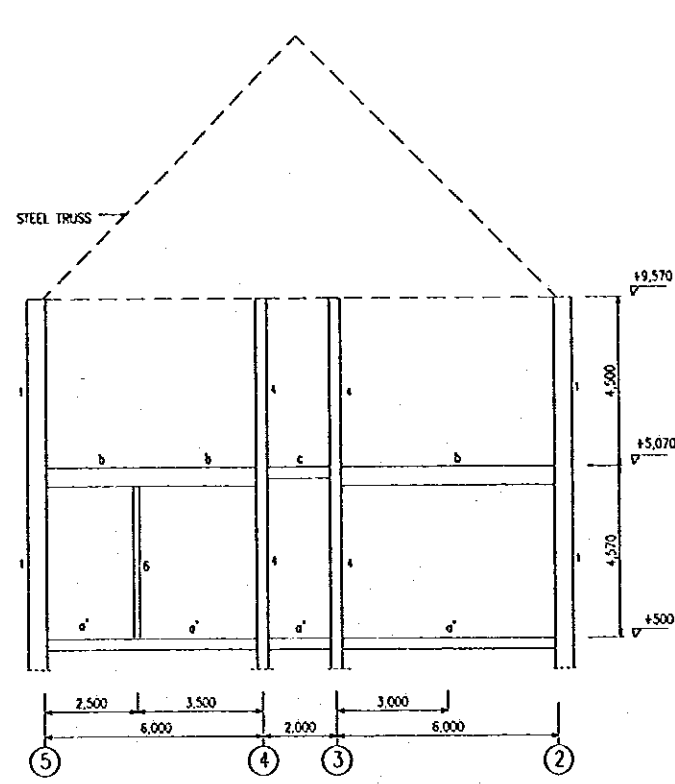
JAPAN INTERNATIONAL COOPERATION AGENCY
 CIVIL ENGINEERING CO. LTD. IN ASSOCIATION WITH
 PACIFIC CONSULTANTS INTERNATIONAL AND
 PARCO INTERNATIONAL INC.

PROVINCE: CENTRAL JAVA
 PROJECT NAME: FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT OF SEMARANG IN THE REPUBLIC OF INDONESIA
 DISTRICT: SEMARANG CITY
 DRAWING NO. JO-P2-MC-Ab-17
 SHEET NO. 27
 DATE: _____ CONTRACT NO.: _____

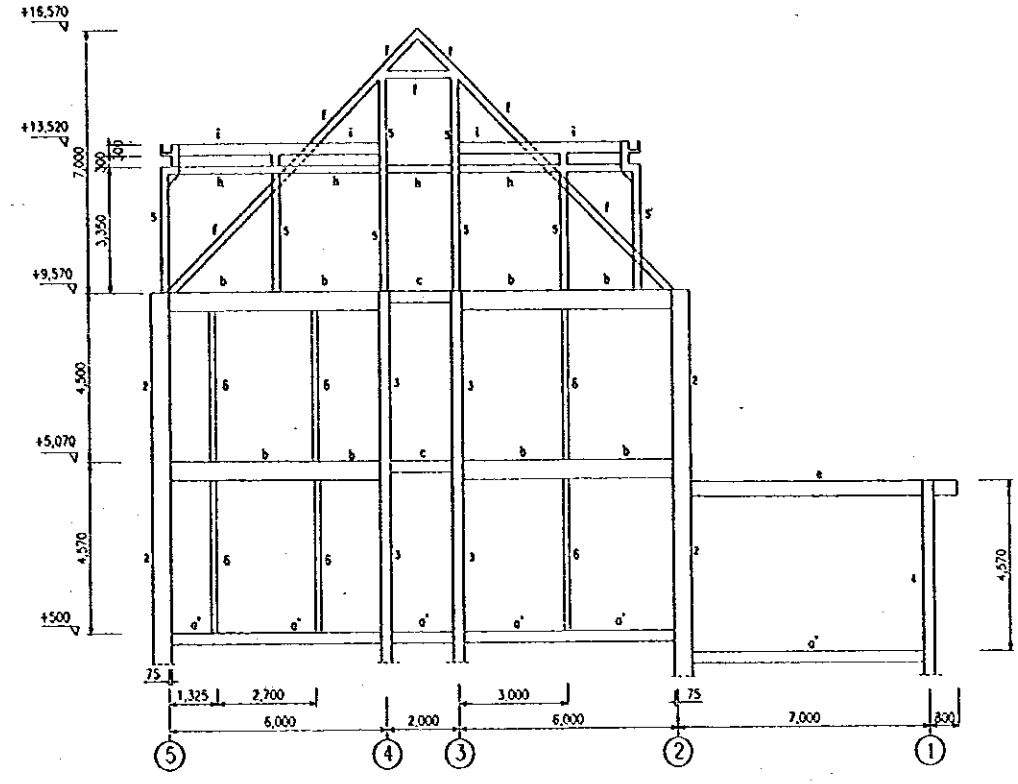
DESIGNED: [Signature]
 CHECKED: [Signature]
 CHIEF OF PLANNING AND DESIGN: [Signature]
 PROJECT MANAGER: [Signature]



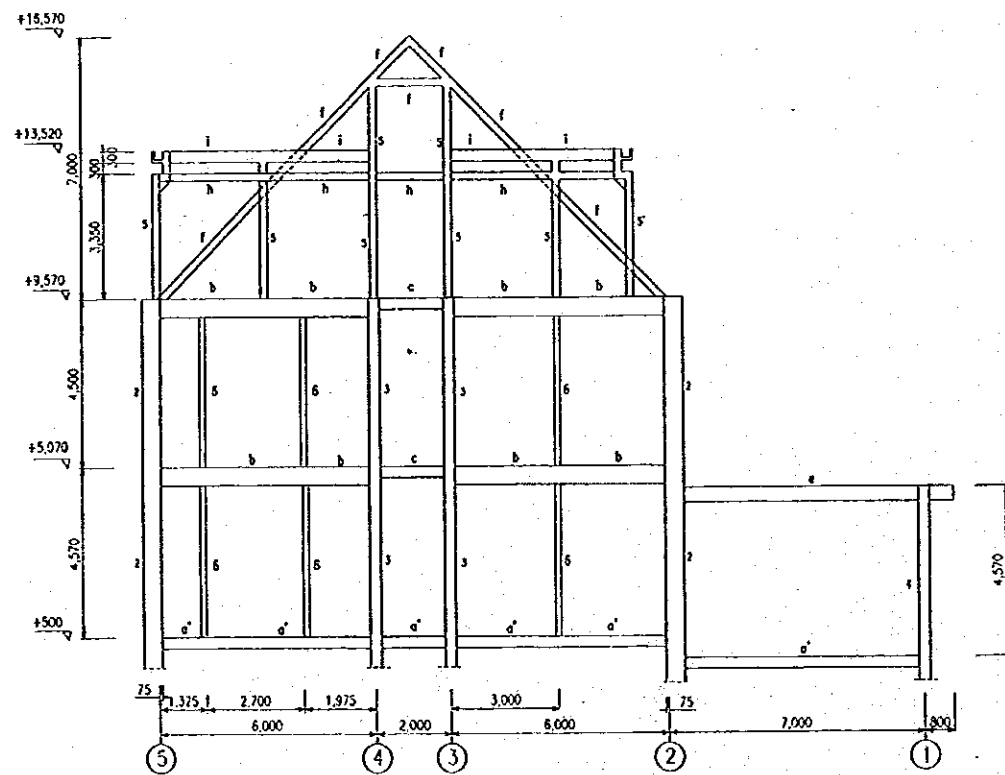
FRAMING LINE A
SCALE A



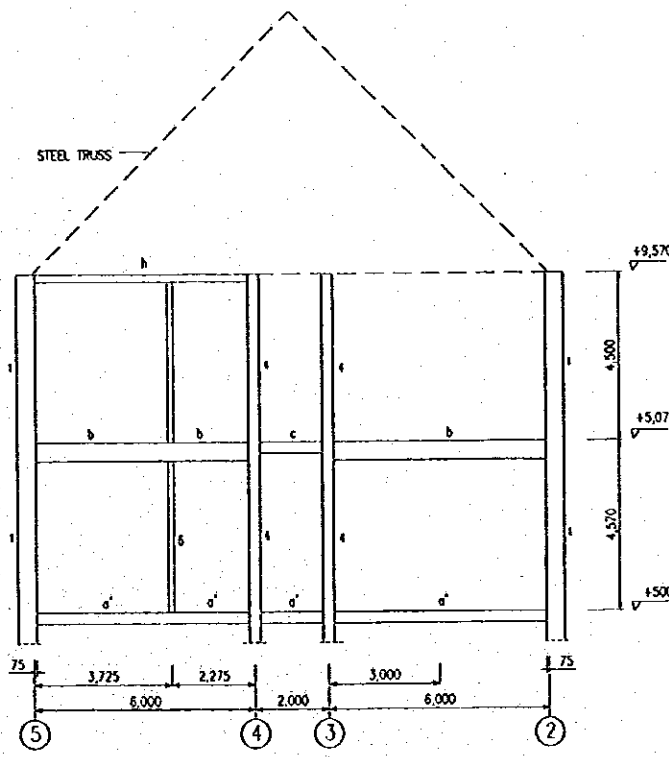
FRAMING LINE B
SCALE A



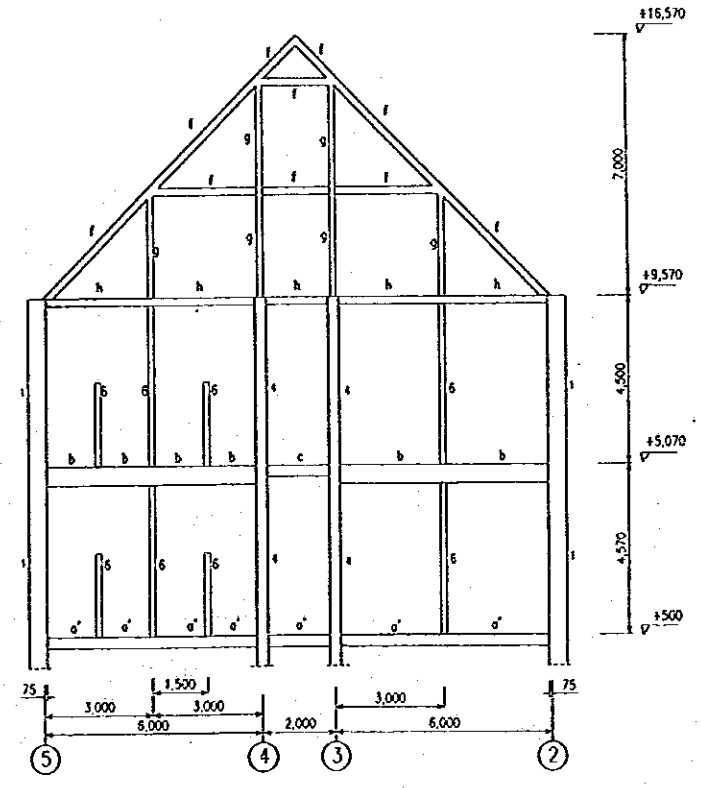
FRAMING LINE C
SCALE A



FRAMING LINE D
SCALE A



FRAMING LINE E
SCALE A

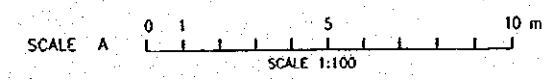
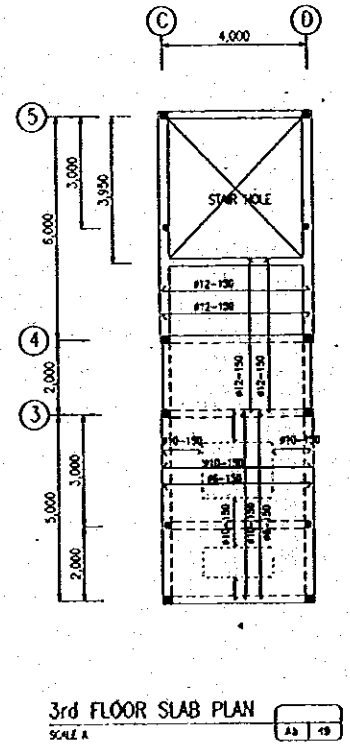
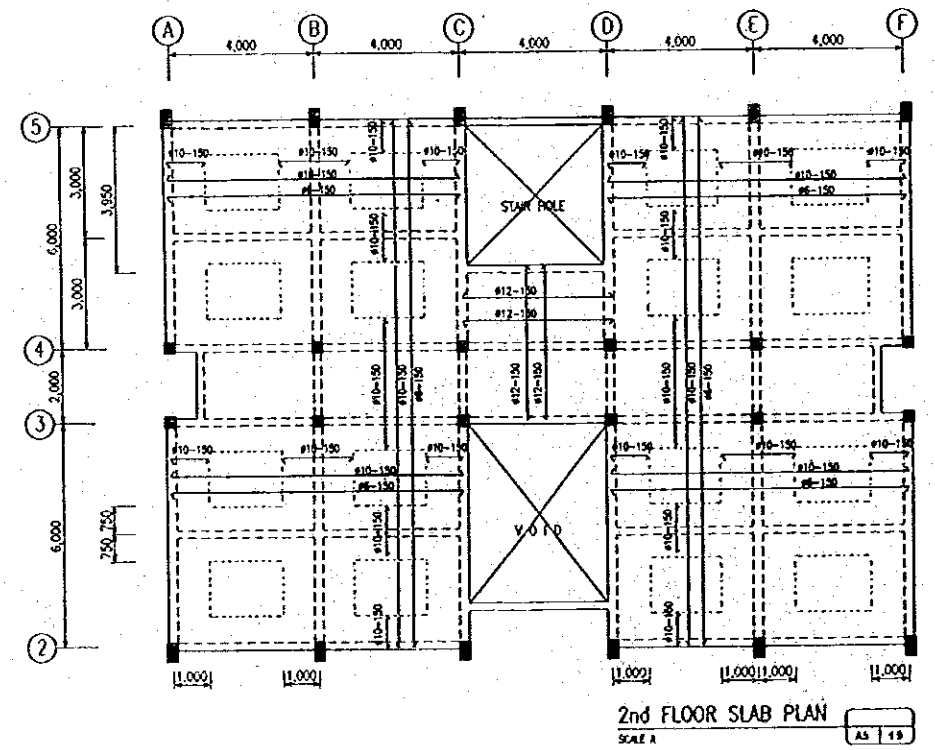
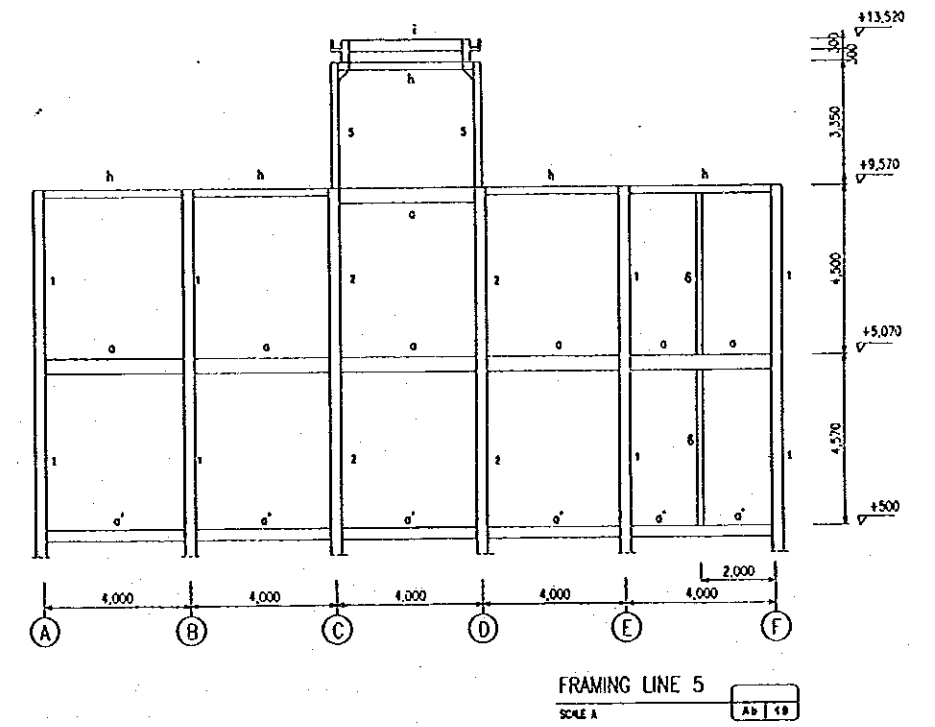
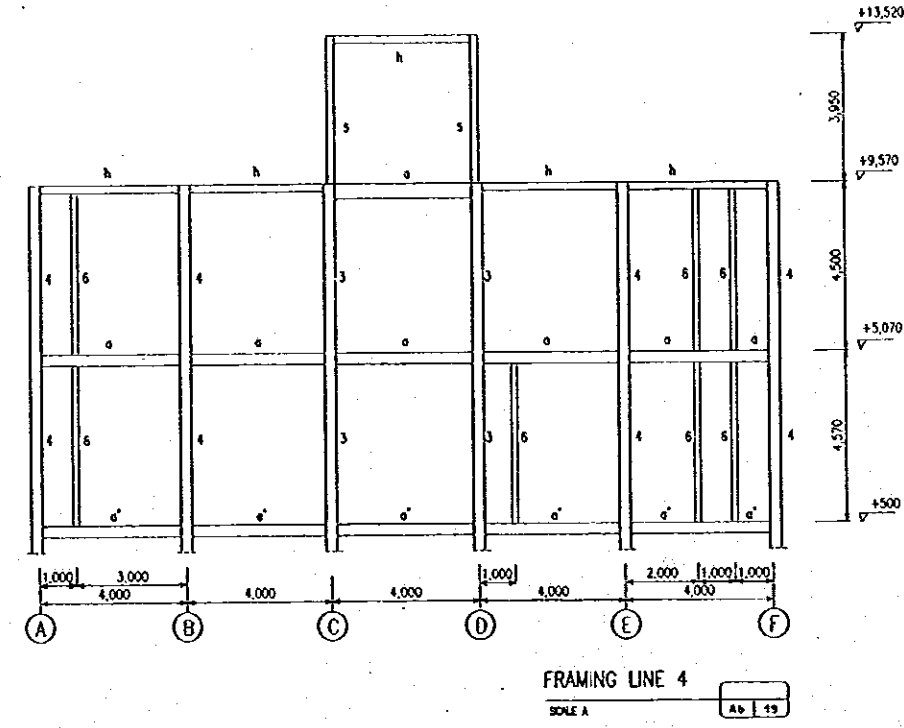
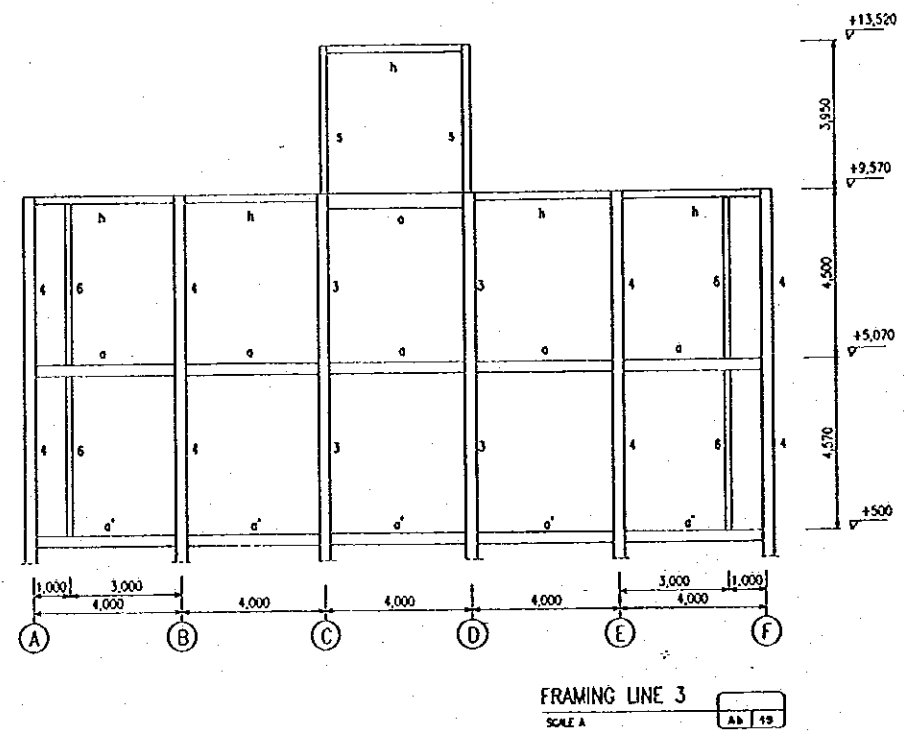
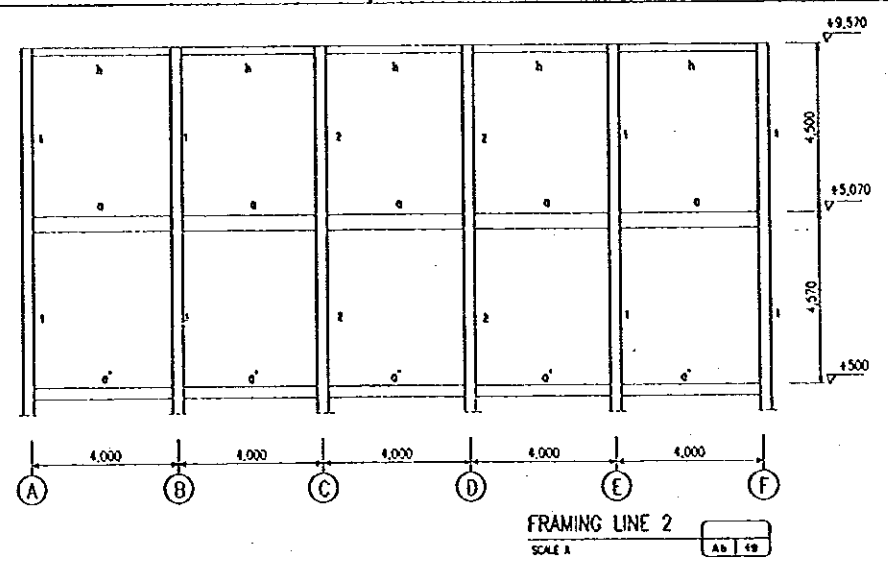
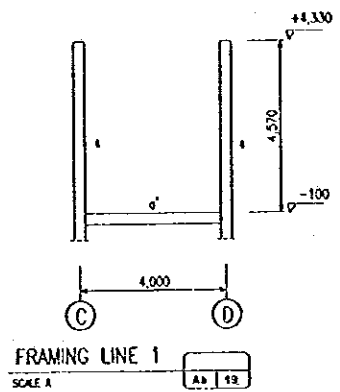


FRAMING LINE F
SCALE A

SCALE A 0 1 5 10 m
SCALE 1:100

NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
IRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX ADMINISTRATION BUILDING		PROJECT NAME FLOOD CONTROL, URBAN RESILIENCE AND WATER RESOURCES DEVELOPMENT IN SOERABAYA OF THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY CIE ENGINEERING CO. LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL INC. PACICO INTERNATIONAL INC.		DISTRICT SEMARANG CITY
DESIGNED: <i>[Signature]</i> CHECKED: <i>[Signature]</i> CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		DRAWING NO. JD-P2-MC-Ab-18 SHEET NO. 28 DATE: CONTRACT NO.



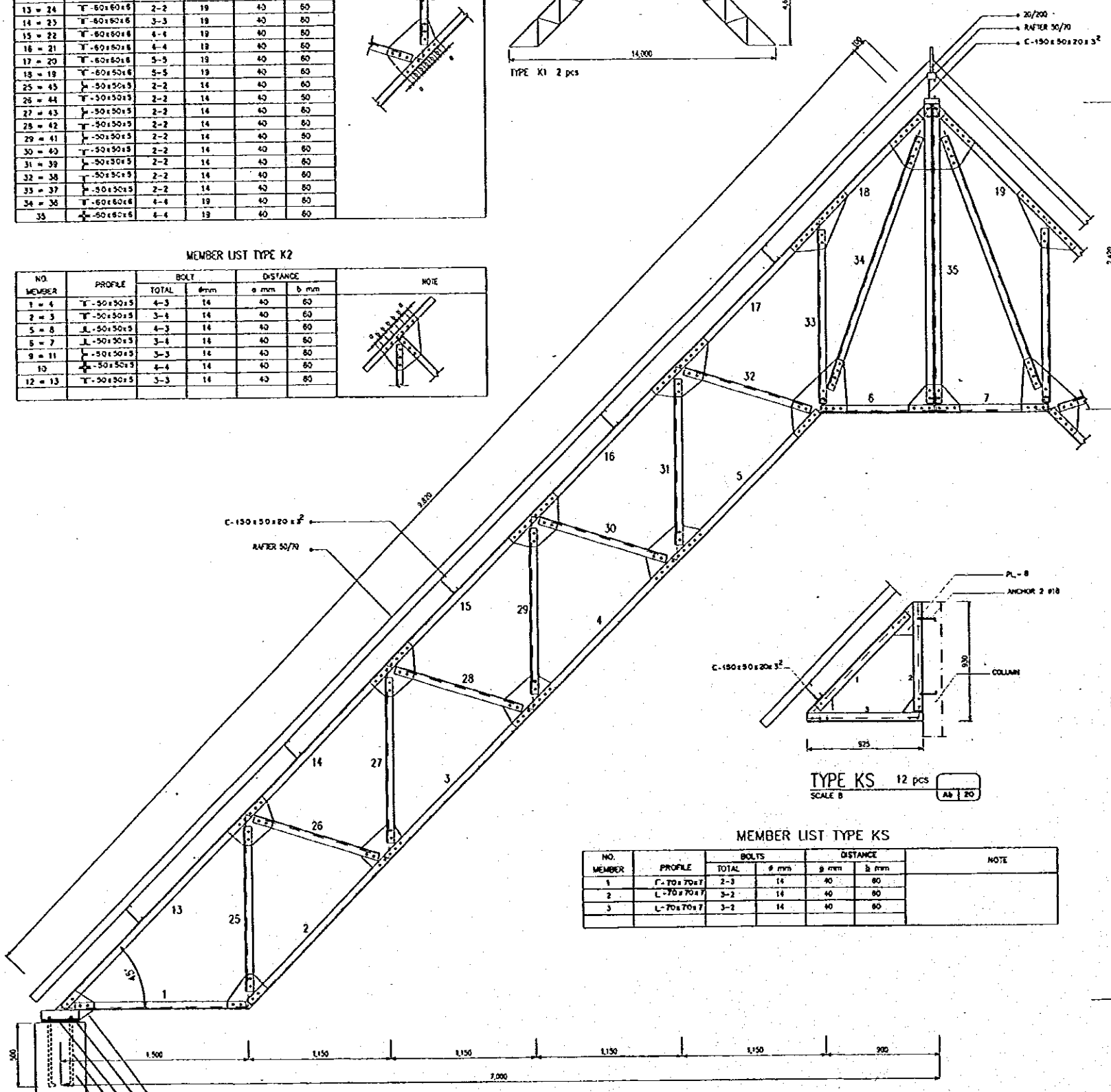
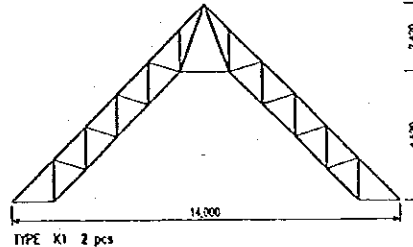
THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT			PROVINCE CENTRAL JAWA		
JRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT : JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX FRAMING ELEVATION & SLAB PLAN ADMINISTRATION BUILDING			PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG OF THE REPUBLIC OF INDONESIA		
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) ENGINEERING CONSULTANTS PACIFIC CONSULTANTS INTERNATIONAL INC. (PCI)			DISTRICT SEMARANG CITY		
DESIGNED CHECKED CHIEF OF PLANNING AND DESIGN PROJECT MANAGER			DRAWING NO. JO-P2-MC-Ab-19 SHEET NO. 29		
APPROVED:			DATE CONTRACT NO.		
NO.	DATE	REVISIONS	ORGANIZED	DESIGNED	APPROVED

MEMBER LIST TYPE K1

NO MEMBER	PROFILE	BOLT TOTAL	Ømm	DISTANCE		NOTE
				a mm	b mm	
1 = 12	L-60x80x8	2-2	19	40	60	
2 = 11	L-60x80x8	2-2	19	60	60	
3 = 10	L-60x80x8	3-3	19	40	60	
4 = 9	L-60x80x8	4-4	19	40	60	
5 = 8	L-60x80x8	5-5	19	40	60	
6 = 7	L-60x80x8	3-3	19	40	60	
13 = 14	T-60x80x8	2-2	19	40	60	
14 = 23	T-60x80x8	3-3	19	40	60	
15 = 22	T-60x80x8	4-4	19	40	60	
16 = 21	T-60x80x8	4-4	19	40	60	
17 = 20	T-60x80x8	5-5	19	40	60	
18 = 19	T-60x80x8	5-5	19	40	60	
25 = 43	L-50x50x5	2-2	14	40	60	
26 = 44	T-50x50x5	2-2	14	40	60	
27 = 43	L-50x50x5	2-2	14	40	60	
28 = 42	T-50x50x5	2-2	14	40	60	
29 = 41	L-50x50x5	2-2	14	40	60	
30 = 40	T-50x50x5	2-2	14	40	60	
31 = 39	L-50x50x5	2-2	14	40	60	
32 = 38	T-50x50x5	2-2	14	40	60	
33 = 37	L-50x50x5	2-2	14	40	60	
34 = 36	T-60x80x8	4-4	19	40	60	
35	L-60x80x8	4-4	19	40	60	

MEMBER LIST TYPE K2

NO MEMBER	PROFILE	BOLT TOTAL	Ømm	DISTANCE		NOTE
				a mm	b mm	
1 = 4	T-50x50x5	4-3	14	40	60	
2 = 3	T-50x50x5	3-4	14	40	60	
5 = 8	L-50x50x5	4-3	14	40	60	
6 = 7	L-50x50x5	3-4	14	40	60	
9 = 11	L-50x50x5	3-3	14	40	60	
10	L-50x50x5	4-4	14	40	60	
12 = 13	T-50x50x5	3-3	14	40	60	

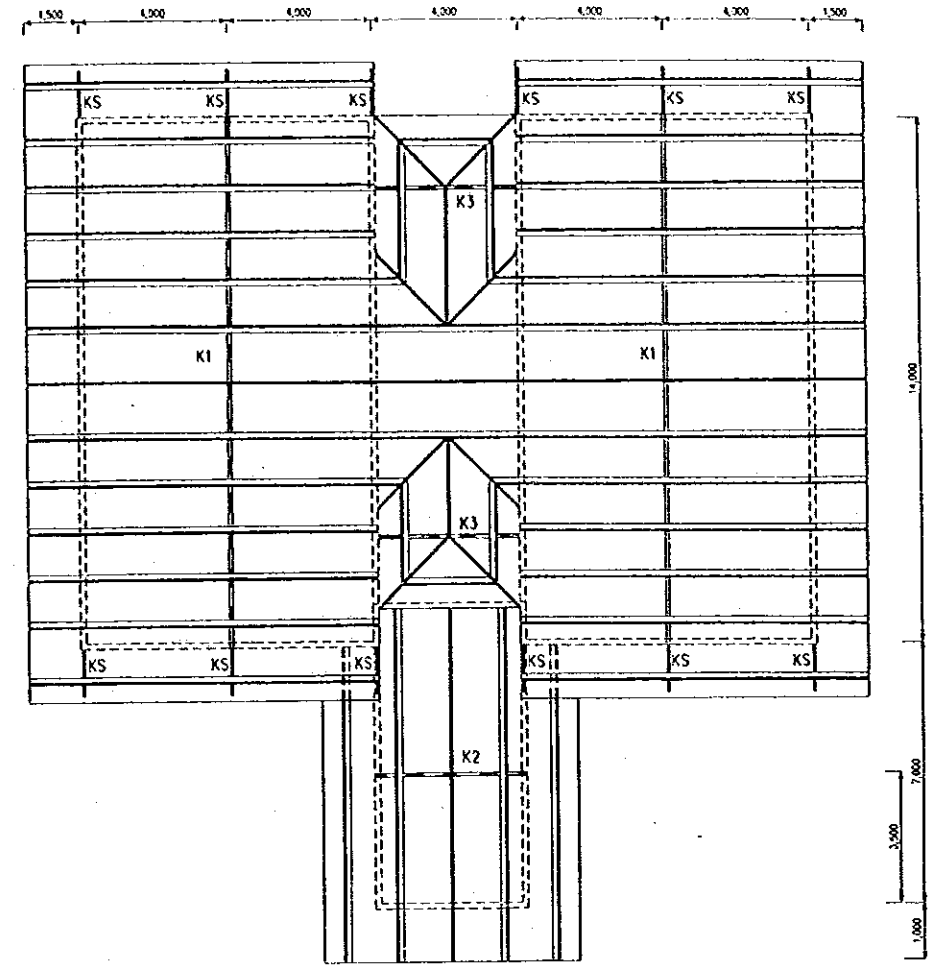


TYPE KS 12 pcs
SCALE B
Ab 1/20

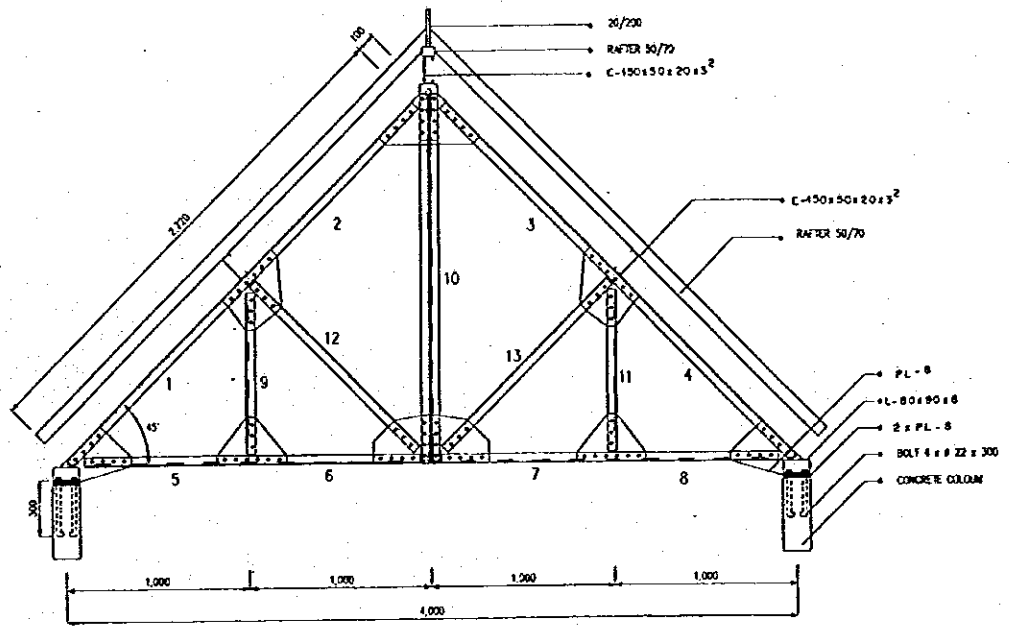
MEMBER LIST TYPE KS

NO MEMBER	PROFILE	BOLTS TOTAL	Ø mm	DISTANCE		NOTE
				a mm	b mm	
1	C-70x70x7	2-3	14	40	60	
2	L-70x70x7	3-2	14	40	60	
3	L-70x70x7	3-2	14	40	60	

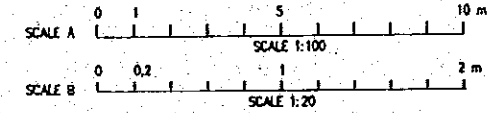
TYPE K1 2 pcs
SCALE B
Ab 1/20



ROOF PLAN
SCALE A
Ab 1/20



TYPE K2 1 pcs
SCALE B
Ab 1/20



NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT

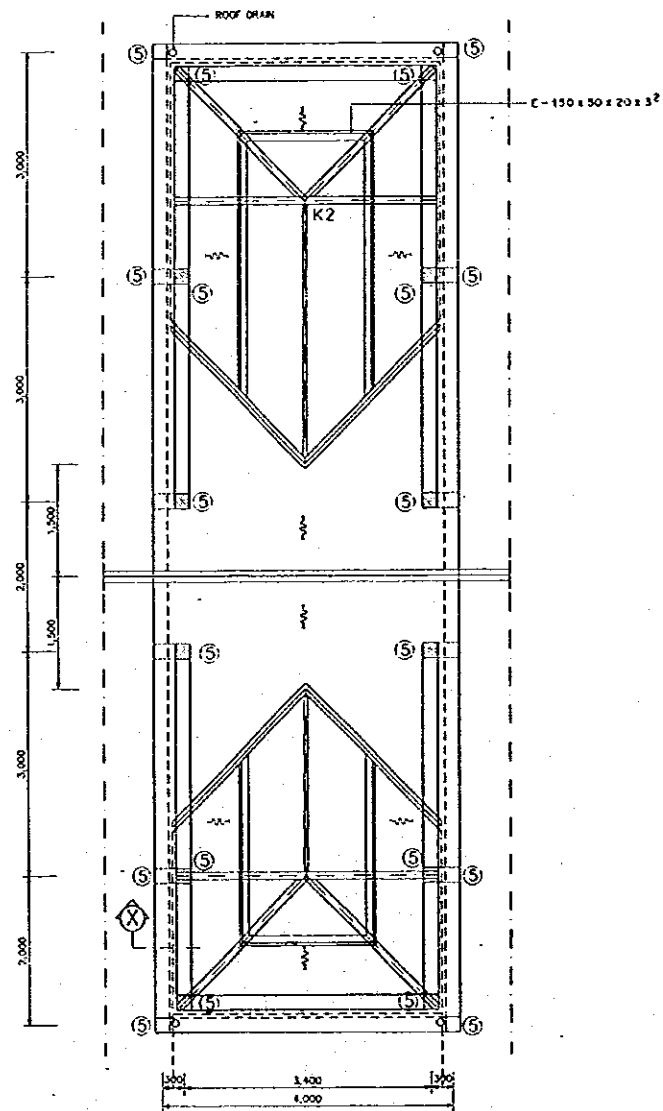
PROVINCE: CENTRAL JAYA
PROJECT NAME: FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG CITY
DISTRICT: SEMARANG CITY
DRAWING NO: JD-P2-MC-AB-20
SHEET NO: 30

JRATUNSELLUNA FLOOD CONTROL PROJECT
COMPONENT: JATIBARANG DAM CONSTRUCTION
JATIBARANG DAM MANAGEMENT COMPLEX
ROOF STRUCTURE
ADMINISTRATION BUILDING

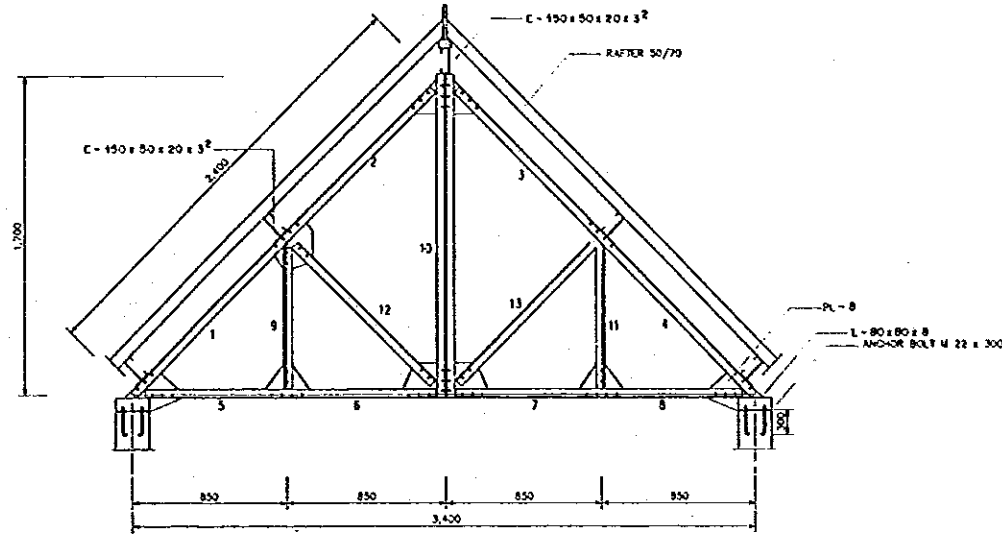
JAPAN INTERNATIONAL COOPERATION AGENCY
CTI ENGINEERING CO. LTD. IN ASSOCIATION WITH
PACIFIC CONSULTANTS INTERNATIONAL AND
FACED INTERNATIONAL INC.

DESIGNED: [Signature]
CHECKED: [Signature]
CICIL OF PLANNING AND DESIGN
PROJECT MANAGER

DATE: [Date]
CONTRACT NO.:



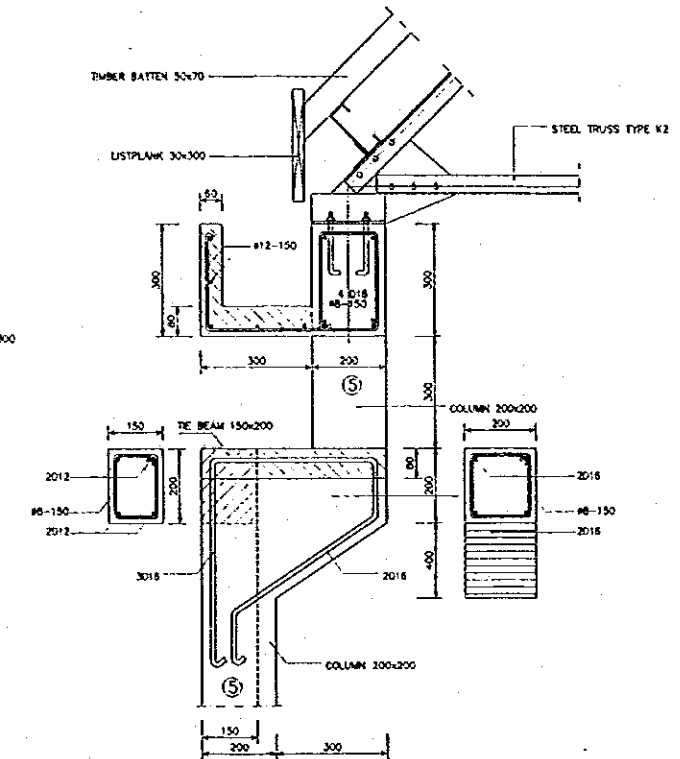
ROOF PLAN
SCALE A



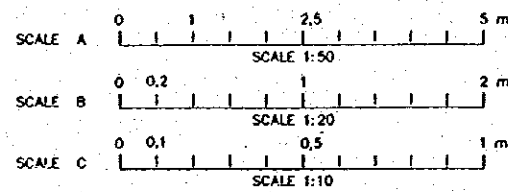
MEMBER LIST TYPE K2 (2 pcs)

LIST NUMBER	PROFILE	TOTAL	BOLT		DISTANCE		NOTE
			# mm	g mm	g mm	g mm	
1-4	T 50 x 50 x 5	3-2	14	40	80		
2-3	T 50 x 50 x 5	2-3	14	40	50		
5-8	L 50 x 50 x 5	3-2	14	40	80		
8-7	L 50 x 50 x 5	2-3	14	40	80		
9-11	L 50 x 50 x 5	2-2	14	40	50		
10	L 50 x 50 x 5	3-3	14	40	80		
12-13	T 50 x 50 x 5	2-2	14	40	80		

TYPE K2
SCALE B



DETAIL SECTION X
SCALE C



NO	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT

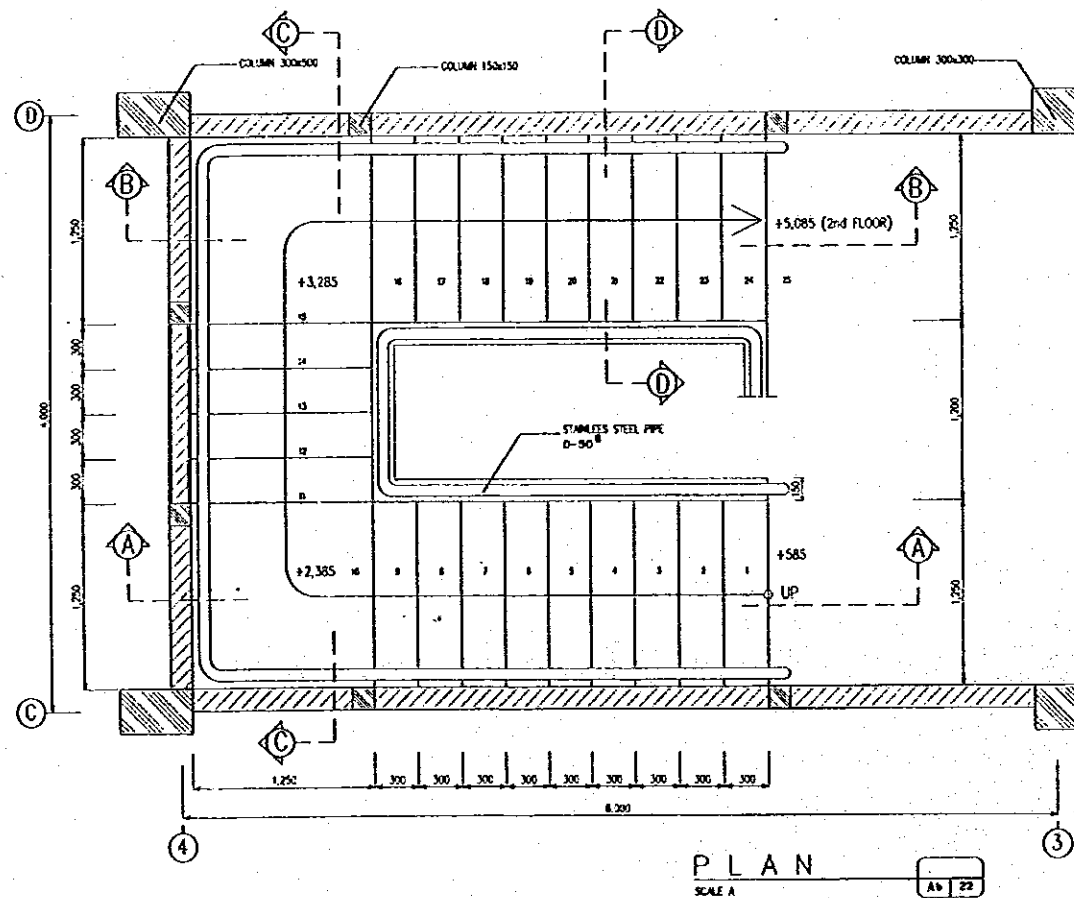
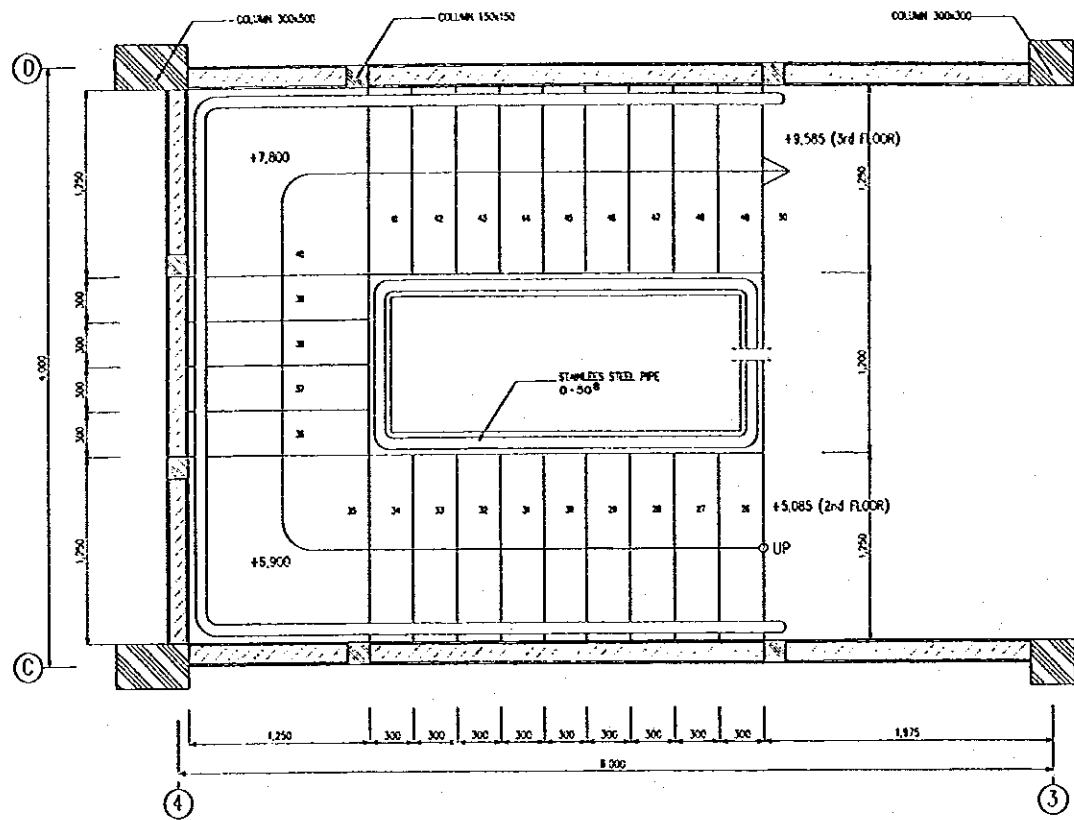
PROVINCE: CENTRAL JAVA
 PROJECT NAME: JATIBARANG DAM CONSTRUCTION
 COMPONENT: JATIBARANG DAM CONSTRUCTION
 DISTRICT: SEMARANG CITY
 DRAWING NO: JD-P2-MC-Ab-21
 SHEET NO: 31

ROOF PLAN AND DETAIL ADMINISTRATION BUILDING

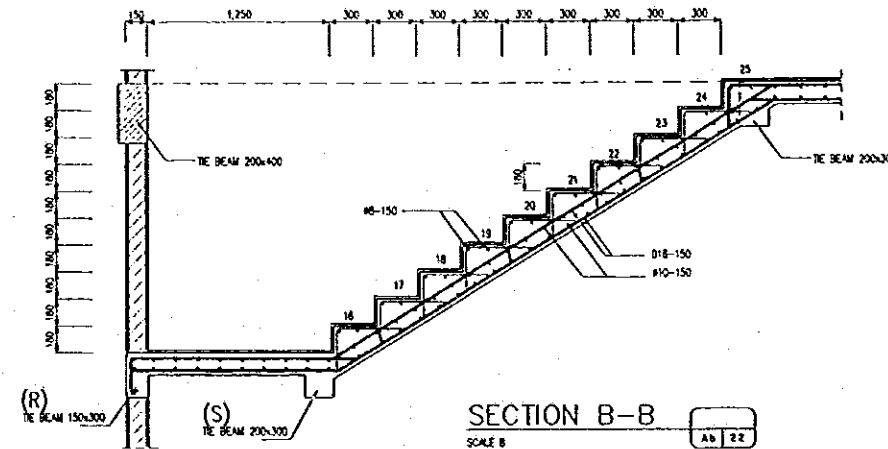
JAPAN INTERNATIONAL COOPERATION AGENCY
 CITI ENGINEERING CO. LTD. IN ASSOCIATION WITH
 PACIFIC CONSULTANTS INTERNATIONAL AND
 PASCO INTERNATIONAL INC.

DESIGNED: *[Signature]*
 CHECKED: *[Signature]*
 CHIEF OF PLANNING AND DESIGN
 PROJECT MANAGER

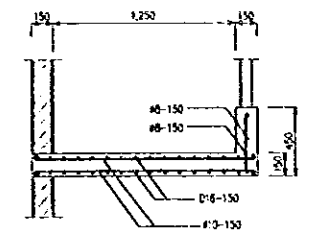
DATE: CONTRACT NO.:



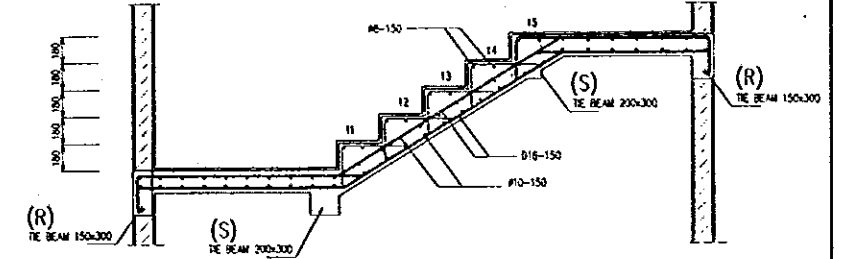
PLAN
SCALE A



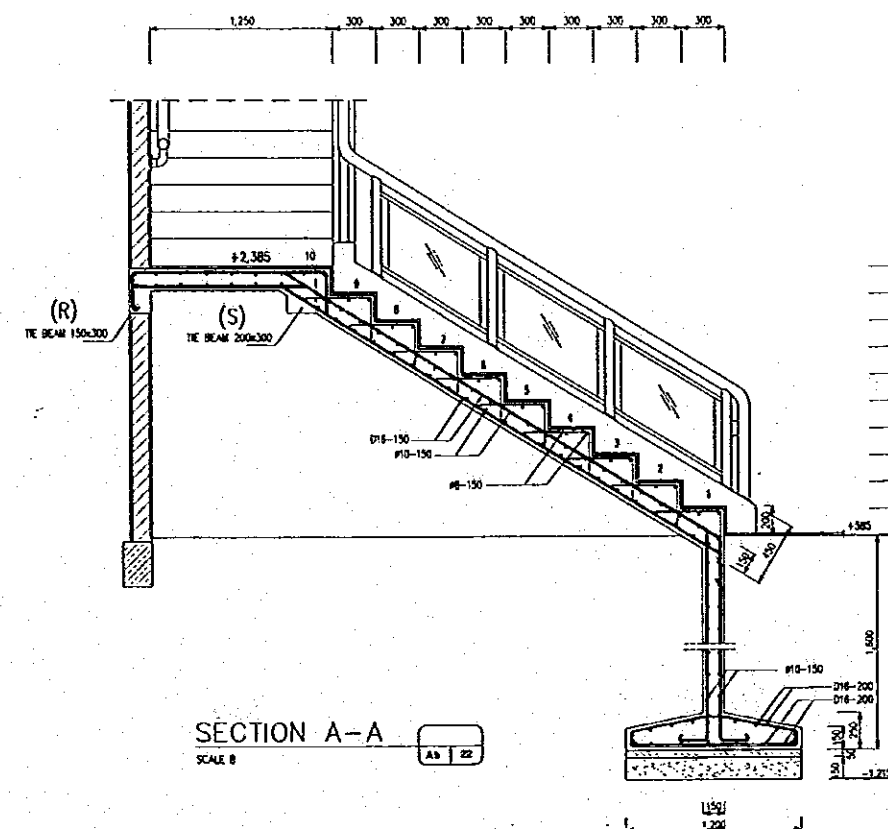
SECTION B-B
SCALE B



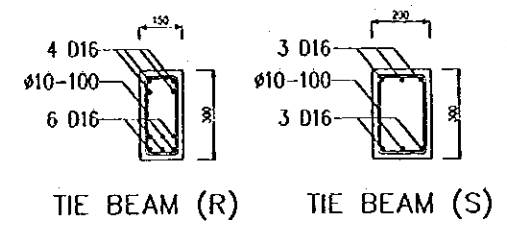
SECTION D-D
SCALE B



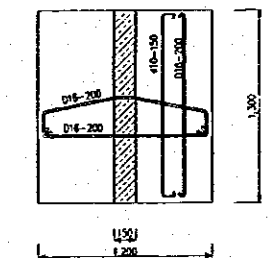
SECTION C-C
SCALE B



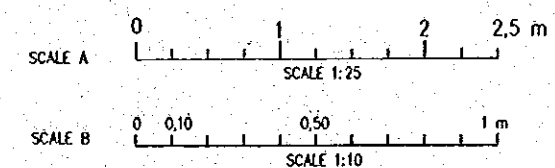
SECTION A-A
SCALE B



TIE BEAM (R) TIE BEAM (S)



FOUNDATION PLAN
SCALE B



NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

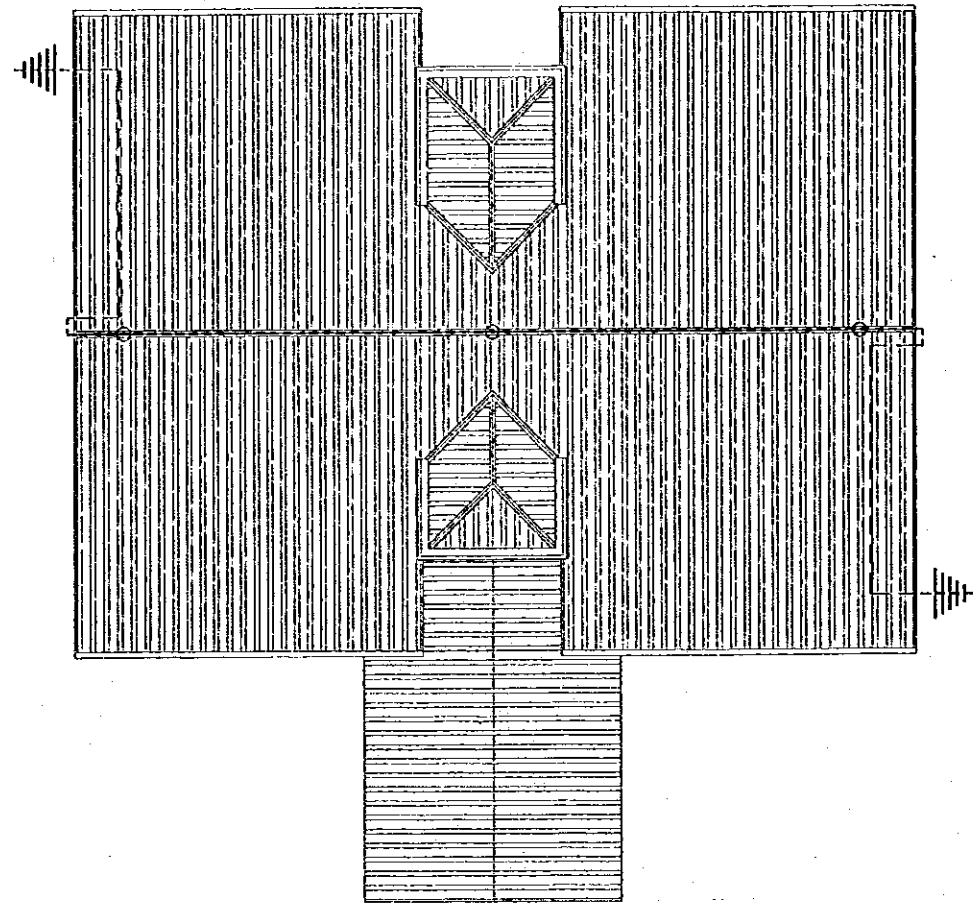
THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT

PROVINCE: CENTRAL JAWA
 PROJECT NAME: FLOOD CONTROL, URBAN RESILIENCE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
 DISTRICT: SEMARANG CITY
 DRAWING NO.: JO-P2-MC-Ab-22
 SHEET NO.: 32

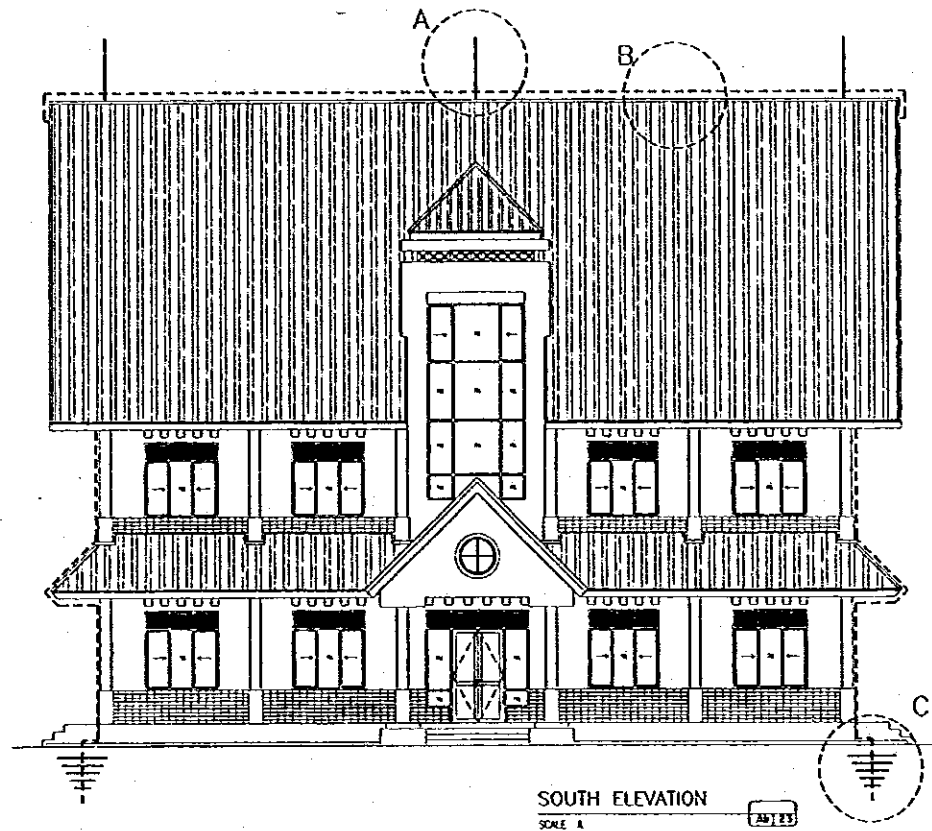
JATIBARANG DAM MANAGEMENT COMPLEX
 DETAIL STAIR
 ADMINISTRATION BUILDING

DESIGNED: [Signature]
 CHECKED: [Signature]
 CHIEF OF PLANNING AND DESIGN
 PROJECT MANAGER

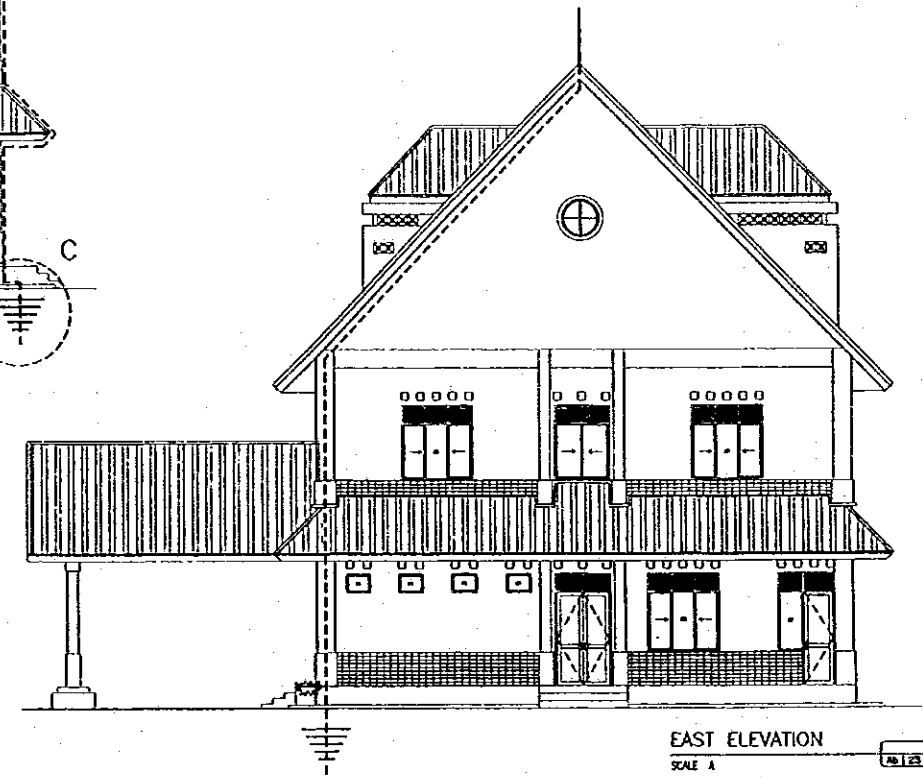
DATE: [] CONTRACT NO.: []



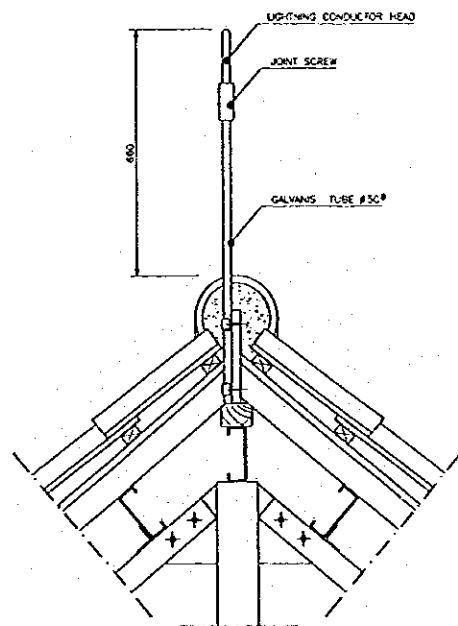
LIGHTNING CONDUCTOR DIAGRAM
SCALE A



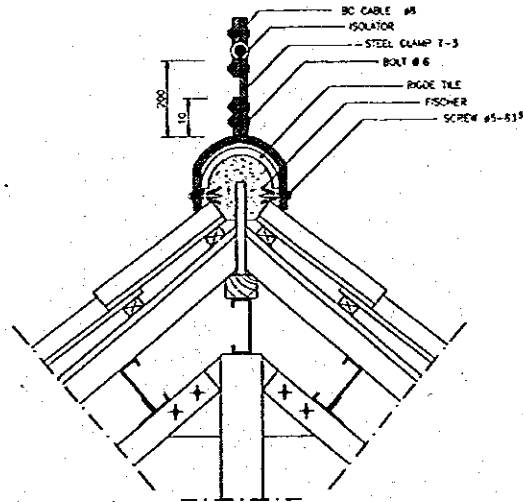
SOUTH ELEVATION
SCALE A



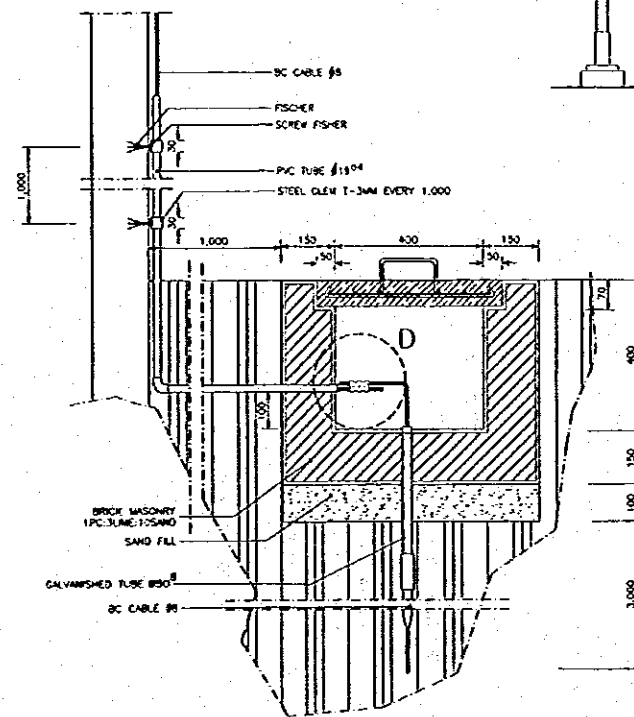
EAST ELEVATION
SCALE A



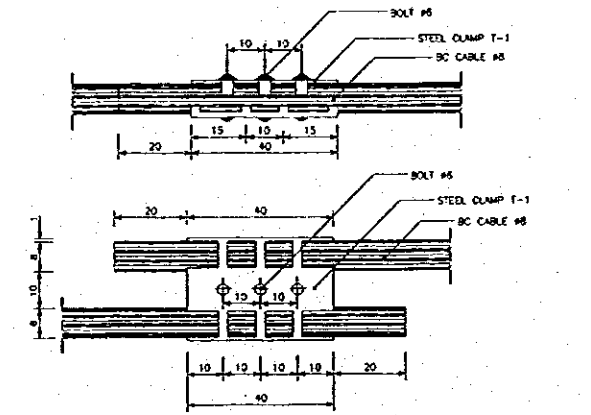
DETAIL A
SCALE B



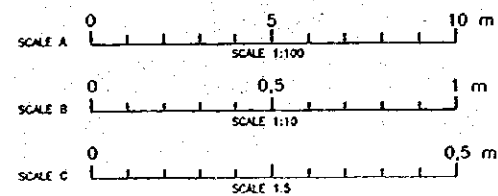
DETAIL B
SCALE B



DETAIL C
SCALE B

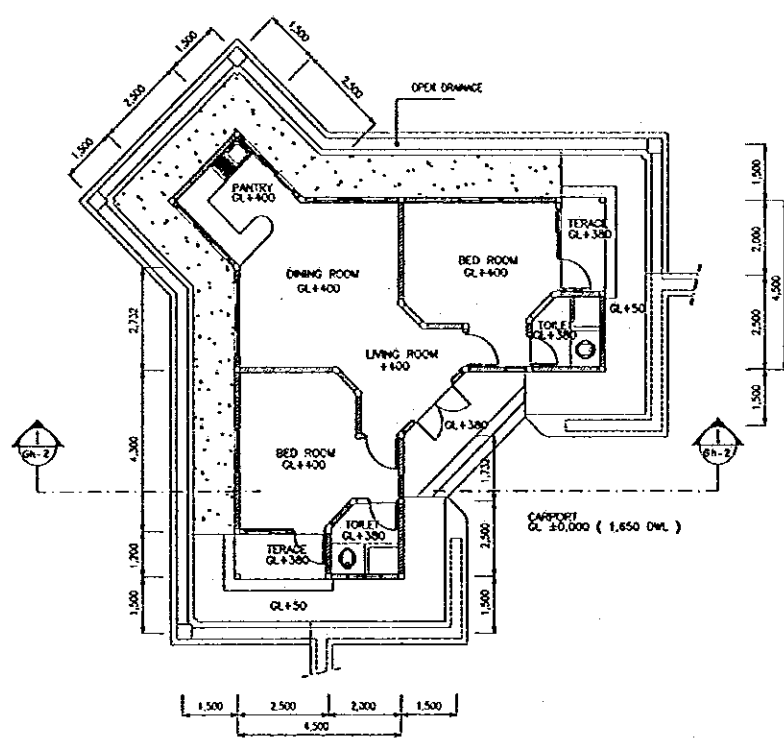


DETAIL D
SCALE C

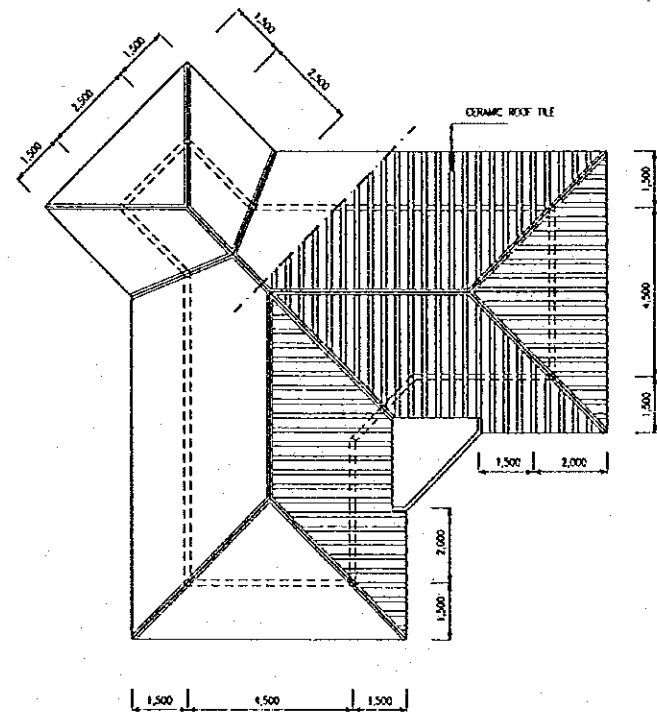


NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

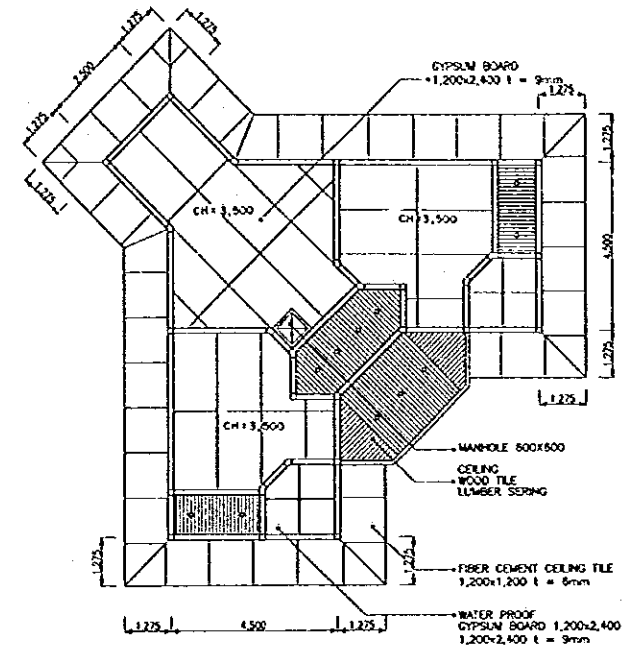
<p>THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT</p>	PROVINCE	CENTRAL JAVA	
	PROJECT NAME	FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG OF THE REPUBLIC OF INDONESIA	
	DISTRICT	SEMARANG CITY	
	DRAWING NO. / SHEET NO.	JD-P2-MC-AB-23 / 33	
DATE		CONTRACT NO.	
<p>JRATUNSELUMA FLOOD CONTROL PROJECT COMPONENT : JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX LIGHTNING CONDUCTOR PLAN & DETAIL ADMINISTRATION BUILDING</p>			<p>DESIGNED: <i>[Signature]</i> CHECKED: <i>[Signature]</i> DATE: <i>[Date]</i></p>
<p>JAPAN INTERNATIONAL COOPERATION AGENCY CITY ENGINEERING CO. LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND FACIS INTERNATIONAL INC.</p>			<p>CEIP OF PLANNING AND DESIGN PROJECT MANAGER</p>



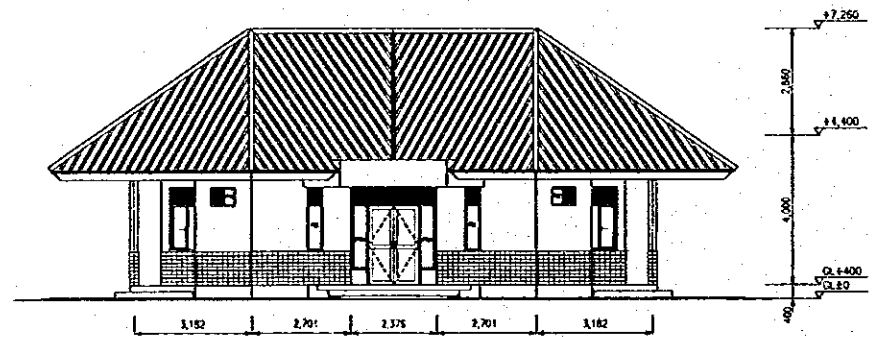
FLOOR PLAN
SCALE A



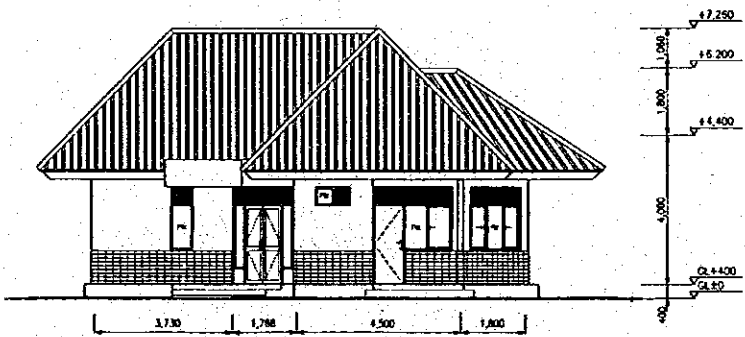
ROOF PLAN
SCALE A



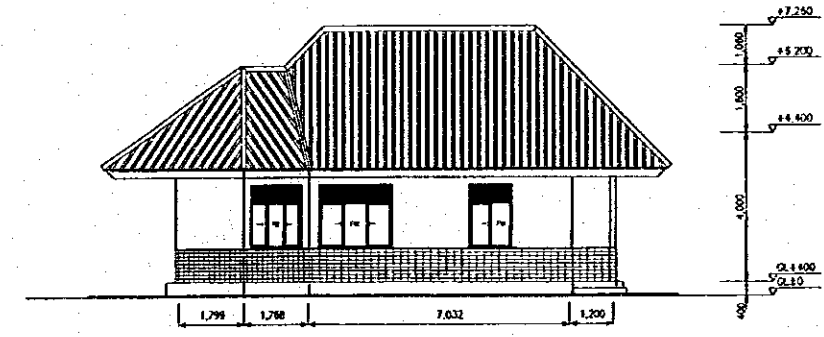
REFLECTED CEILING TILE
SCALE A



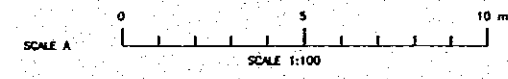
WEST ELEVATION
SCALE A



SOUTH ELEVATION
SCALE A

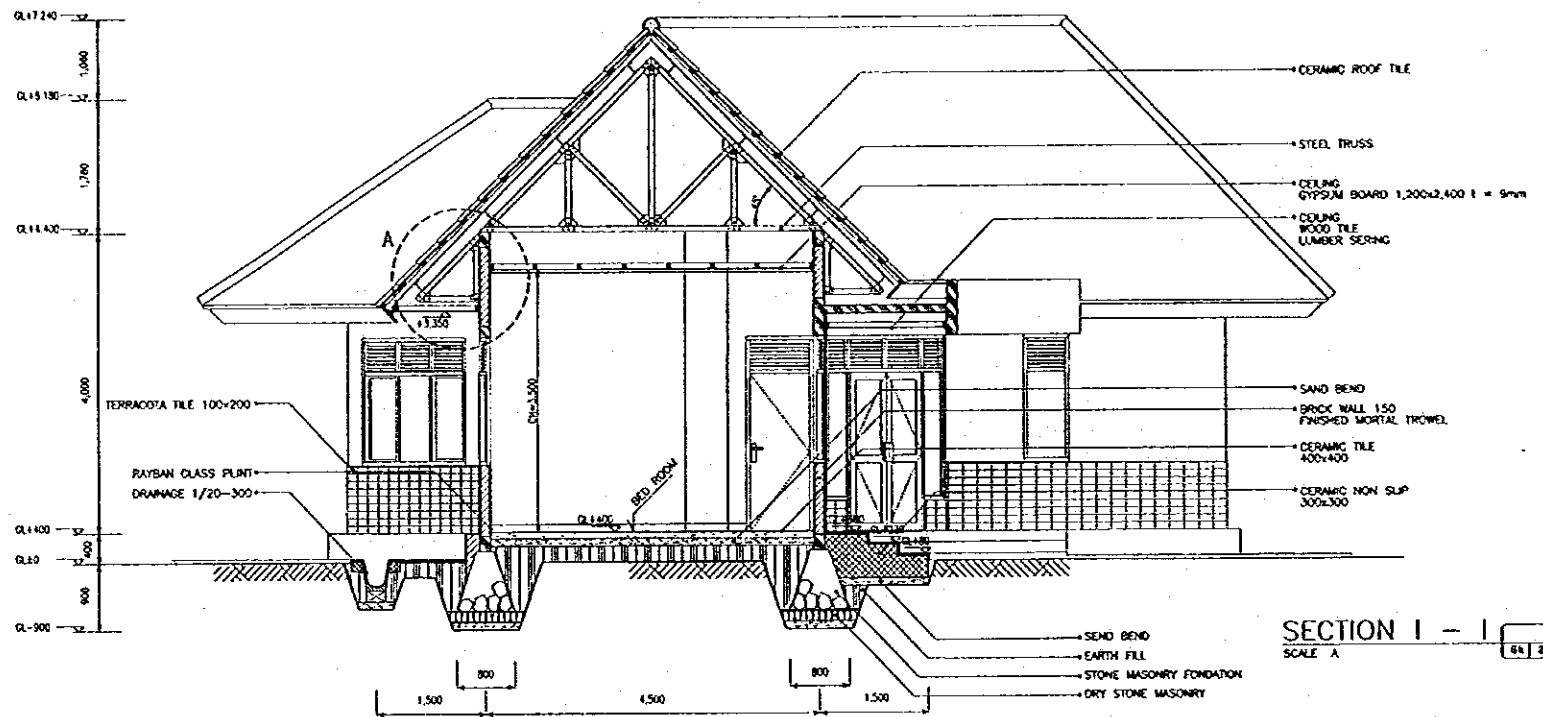


NORTH ELEVATION
SCALE A

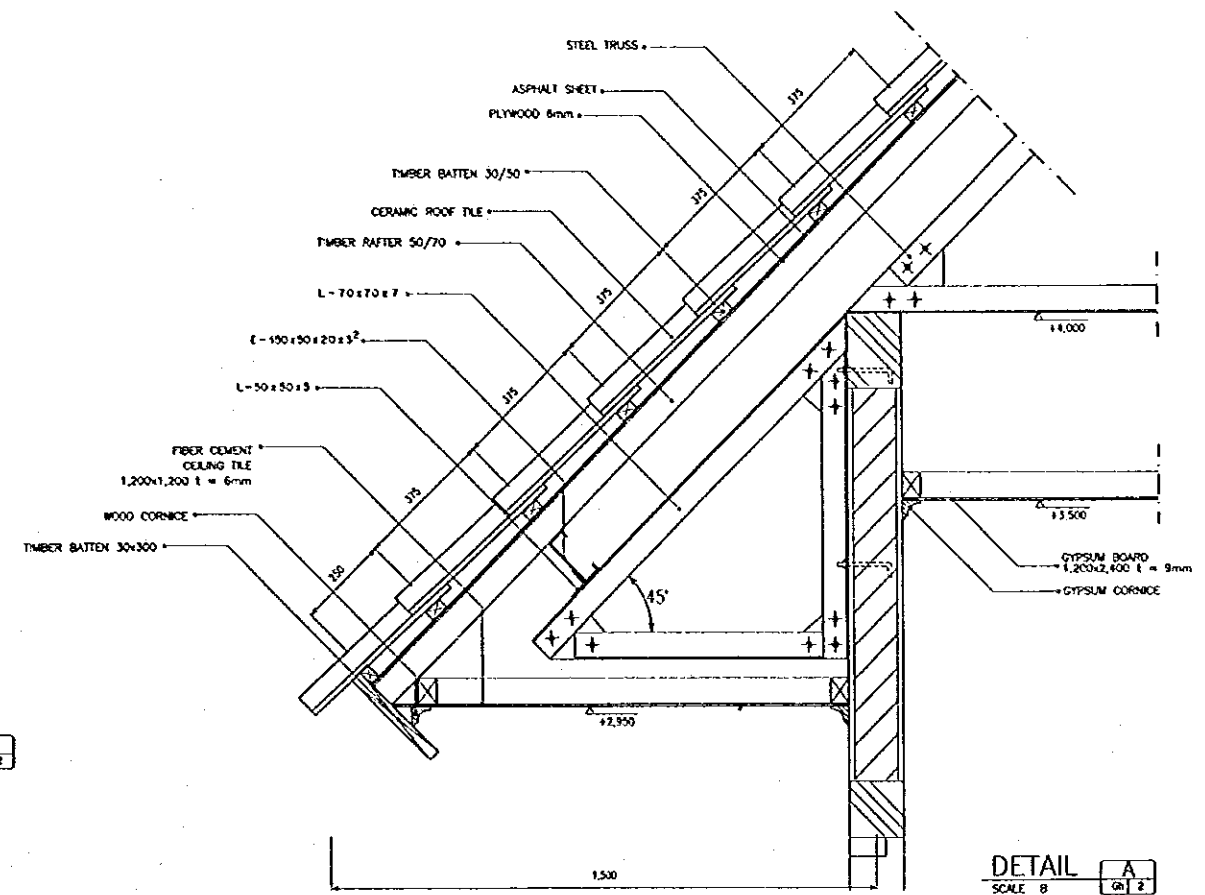


NO.	DATE	REVISIONS	PREPARED	DESIGNED	APPROVED

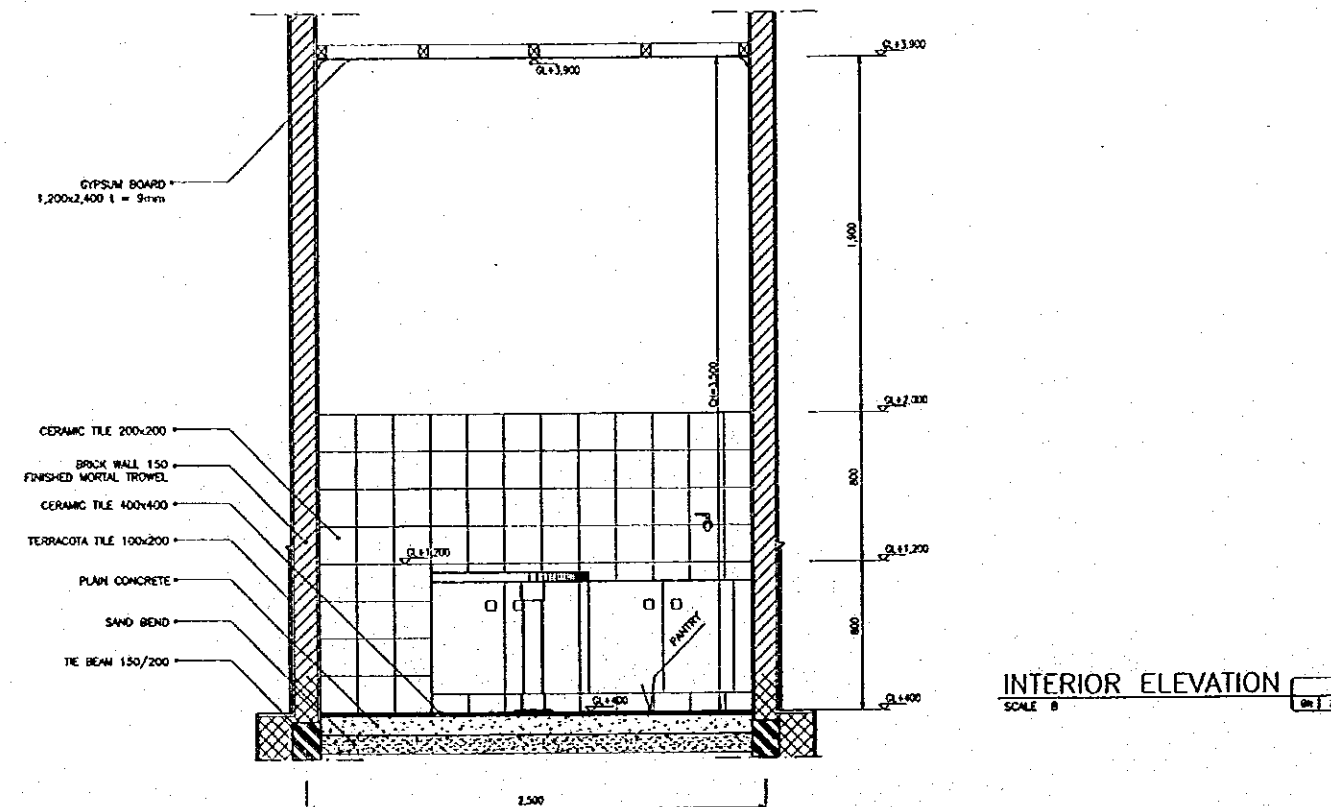
THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
JRATUNSELURA FLOOD CONTROL PROJECT COMPONENT : JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX FLOOR PLAN, ROOF PLAN, CEILING PLAN & ELEVATION STAFF HOUSE 1 (GUEST HOUSE)		PROJECT NAME FLOOD CONTROL URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG BY THE REPUBLIC OF INDONESIA
LAMPA INTERNATIONAL COOPERATION AGENCY CITY ENGINEERING COLLEGE IN ASSOCIATION WITH PACIFIC CONSULTING INTERNATIONAL AND LAMPA INTERNATIONAL INC.		DISTRICT SEMARANG CITY
DESIGNED CHECKED APPROVED		DRAWING NO. JD-P2-MC-GH-1 SHEET NO. 34
CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		DATE CONTRACT NO.



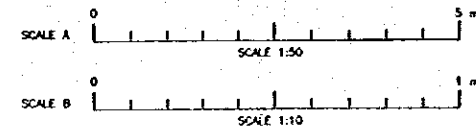
SECTION I - I
SCALE A



DETAIL A
SCALE B

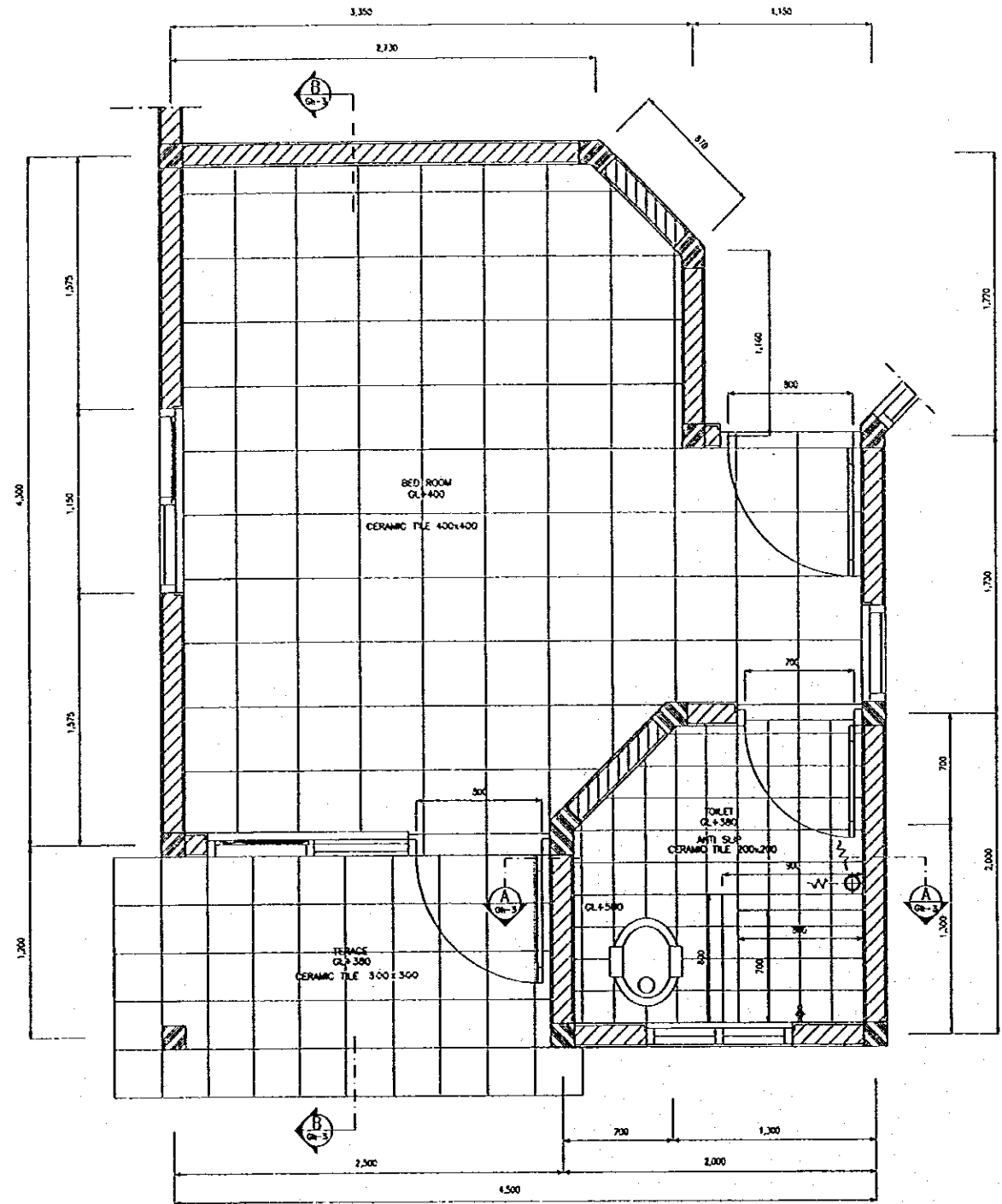


INTERIOR ELEVATION
SCALE B

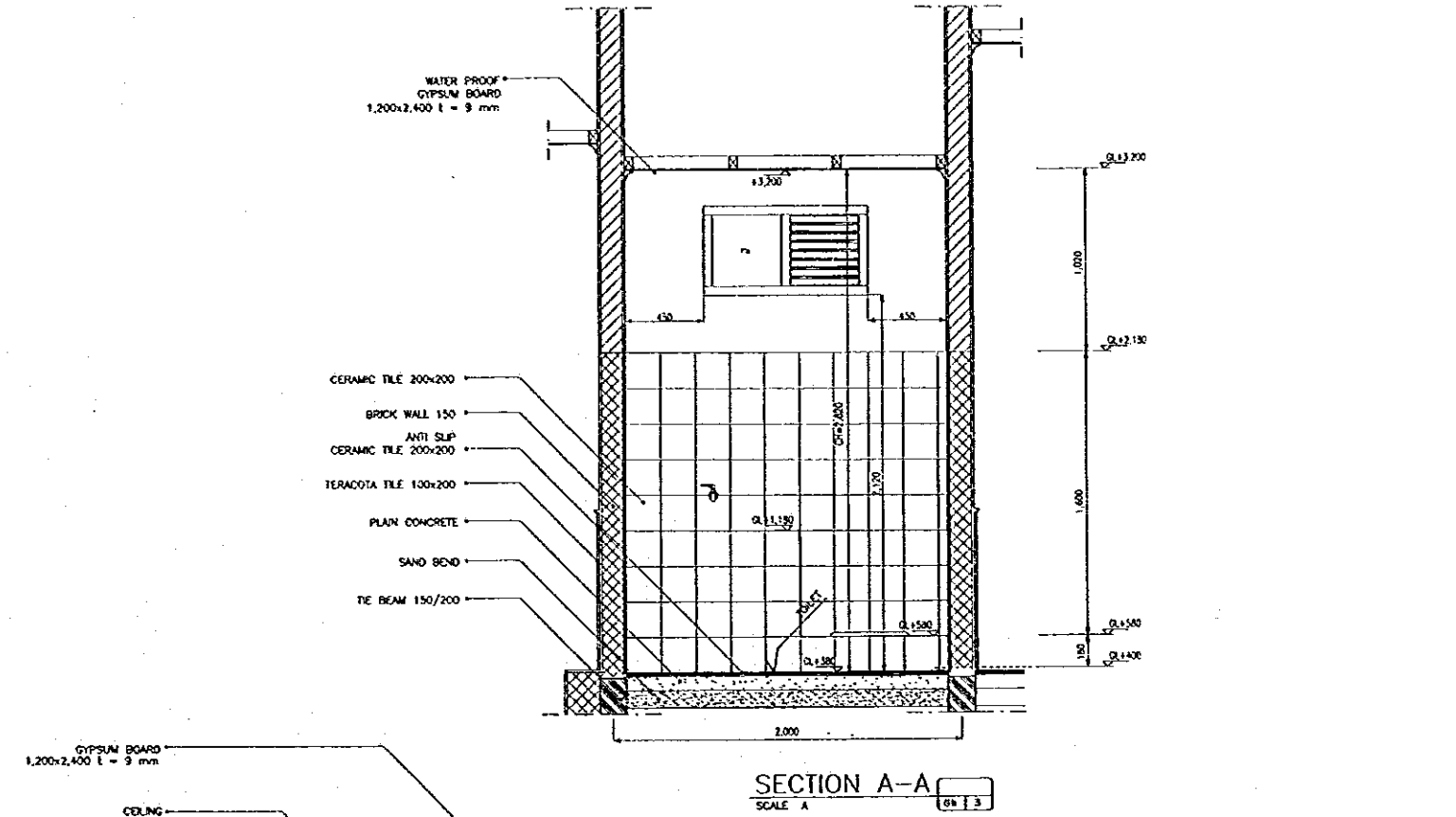


NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

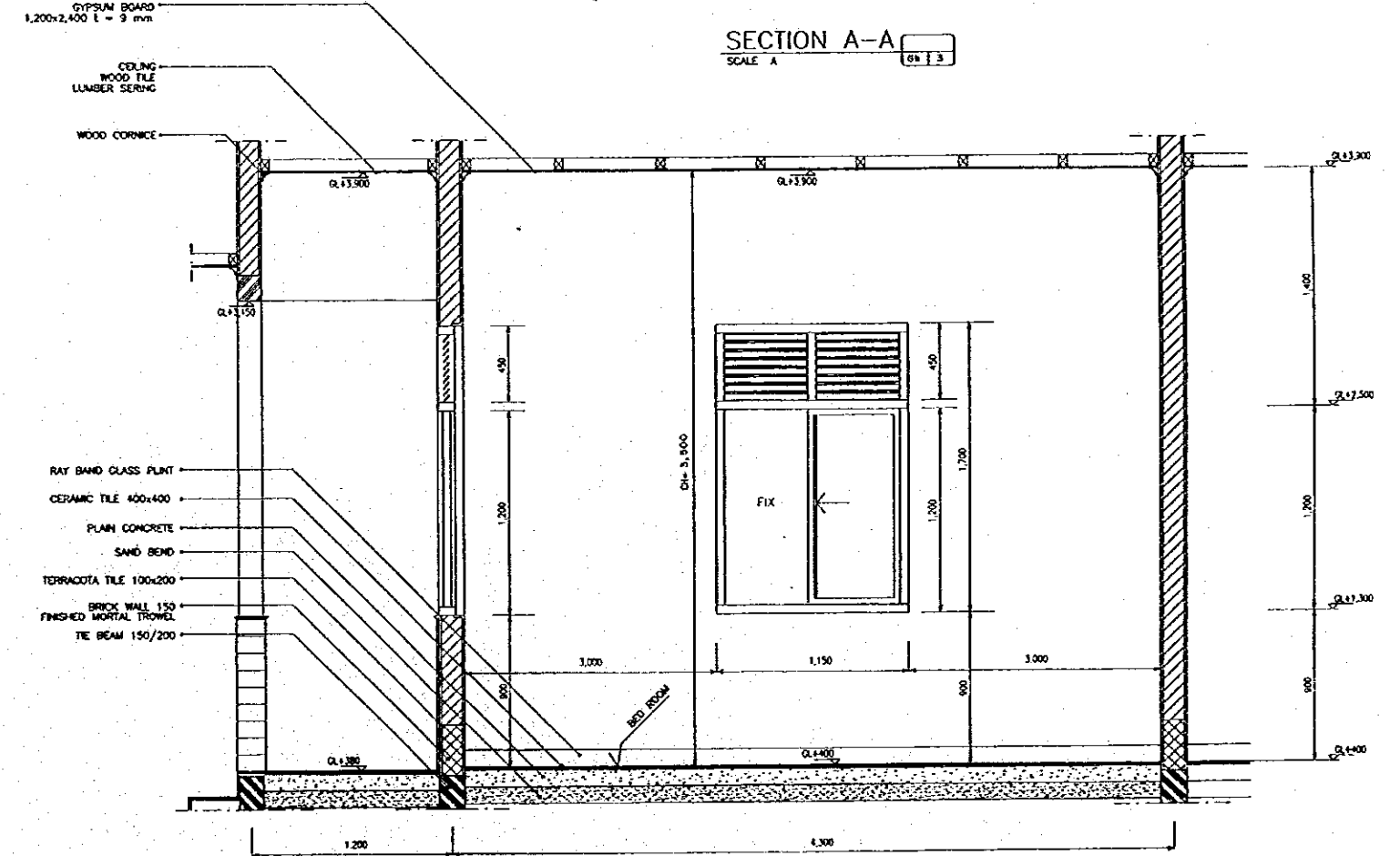
THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAWA
JATUNSELUNTA FLOOD CONTROL PROJECT COMPONENT : JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX SECTION, DETAIL & INTERIOR ELEVATION STAFF HOUSE 1 (GUEST HOUSE)		PROJECT NAME FLOOD CONTROL URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT BY SEMARANG IN THE REPUBLIC OF INDONESIA
LAMPUNG INTERNATIONAL COOPERATION AGENCY PT. BROWERHOUD OLETO IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL, INC. AND PLANO INTERNATIONAL, INC.		DISTRICT SEMARANG CITY
DESIGNED: <i>[Signature]</i> CHECKED: <i>[Signature]</i> CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		DRAWING NO. JD-P2-MC-GH-2 SHEET NO. 35 DATE CONTRACT NO.



BEDROOM PLAN
SCALE A



SECTION A-A
SCALE A

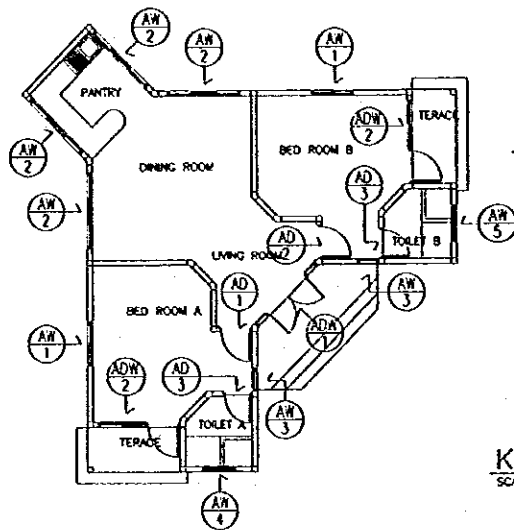


SECTION B-B
SCALE A



NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAWA
JATIBARANG FLOOD CONTROL PROJECT COMPONENT : JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX DETAIL BED ROOM & TOILET STAFF HOUSE (GUEST HOUSE)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT BY RECONSTRUCTION IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY CITY ENGINEERING CO., LTD. in cooperation with PACIFIC CONSULTANTS INTERNATIONAL, INC. AND PABCO INTERNATIONAL, INC.		DISTRICT SEMARANG CITY
DESIGNED <i>[Signature]</i> CHECKED <i>[Signature]</i>	DATE 10/1/84	DRAWING NO. JD-P2-MC-GA-3 SHEET NO. 36
CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		CONTRACT NO.



KEY PLAN
SCALE A

MARK		QTY
SHAPE		
TYPE		
MATERIAL	FINISH	FRAME
		PANEL
GLASS		
HARDWARE		
POSITION		

MARK	QTY	MARK	QTY	MARK	QTY	MARK	QTY	MARK	QTY
AW 2	4	AW 3	2	AW 4	1	AW 5	1	AD 1	1
FIX & DOUBLE SLIDING		FIX		LOUVRE & FIX		FIX & LOUVRE		DOUBLE SWING & FIX	
ALU	ANO	ALU	ANO	ALU	ANO	ALU	ANO	ALU	ANO
GLASS		GLASS	PRG	GLASS		GLASS		GLASS	
CLEAR 5 MM THICK		CLEAR 5 MM THICK		CLEAR 5 MM THICK		CLEAR 5 MM THICK		RAYBAND 5 MM THICK	
METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET	
DINNING ROOM & PANTRY		BED ROOM A & B		TOILET A		TOILET B		LIVING ROOM	
AD 2	2	AD 1	1	AD 2	1	AD 3	2	AW 1	2
SINGLE SWING, FIX & SLIDING		SINGLE SWING		SINGLE SWING		SINGLE SWING & LOUVRE		SLIDING & FIX	
ALU	ANO	ALU	ANO	ALU	ANO	ALU	ANO	ALU	ANO
PALYWOOD 6 MM THICK & GLASS	PRG	PLYWOOD 6 MM THICK	PRG	PLYWOOD 6 MM THICK	PRG	PLYWOOD 6 MM THICK	PRG	GLASS	
CLEAR 5 MM THICK								CLEAR 5 MM THICK	
METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET		METAL FITTINGS COMPLETE SET	
BED ROOM A & B		BED ROOM A		BED ROOM B		TOILET A & B		BED ROOM A & B	

DOOR & WINDOW SCHEDULE
SCALE B

LEGEND :

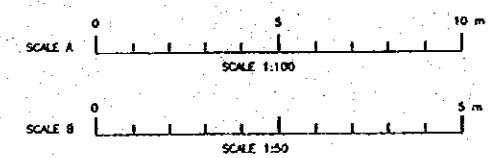
AD : ALUMINUM DOOR
AW : ALUMINUM WINDOW
AL : ALUMINUM LOUVRE
ADW : ALUMINUM DOOR WINDOW

MATERIAL :

ALU : ALUMINUM
ANO : ANODIZED
PRG : POLYUR , CLEAR SEMI-GLOSS

DOORS & WINDOWS SYMBOL

REFERENCE NO.



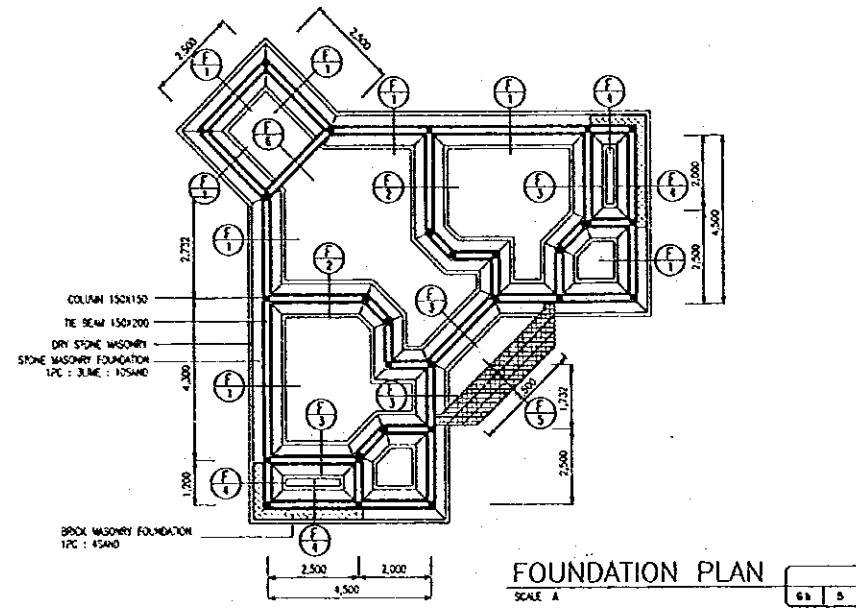
NO.	DATE	REVISIONS	EXAMINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT

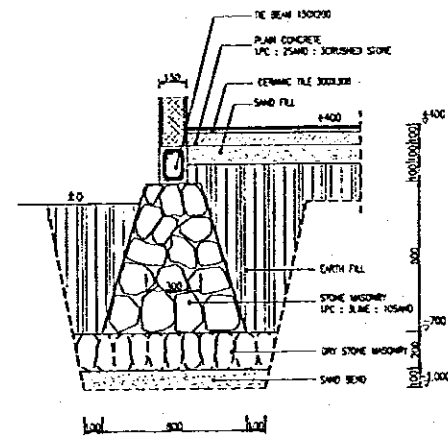
JATUNSELUNA FLOOD CONTROL PROJECT
COMPONENT : JATIBARANG DAM CONSTRUCTION
JATIBARANG DAM MANAGEMENT COMPLEX
KEY PLAN & DOOR, WINDOW SCHEDULE
STAFF HOUSE 1 (GUEST HOUSE)

PROVINCE: CENTRAL JAVA
PROJECT NAME: FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG BY THE REPUBLIC OF INDONESIA
DISTRICT: SEMARANG CITY
DRAWING NO. JD - P2 - MC - GA - 4
SHEET NO. 37
DATE: CONTRACT NO.:

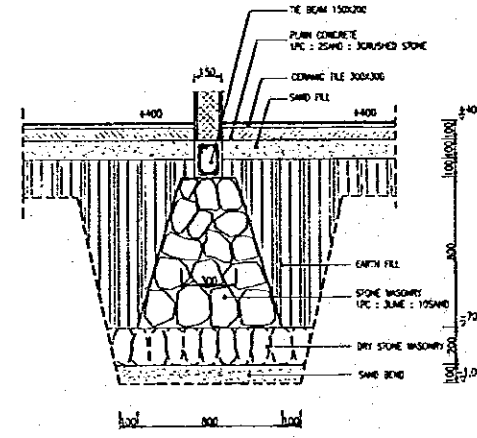
DESIGNED: [Signature]
CHECKED: [Signature]
CREER OF PLAN AND DESIGN
PROJECT MANAGER



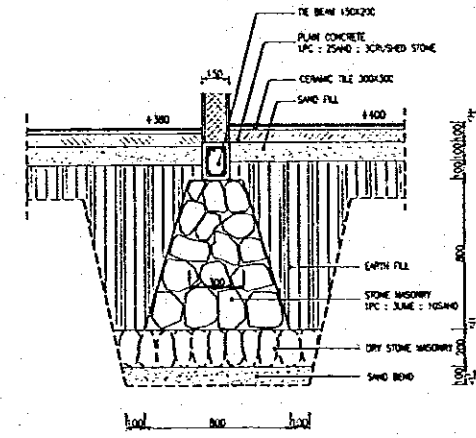
DETAIL F1



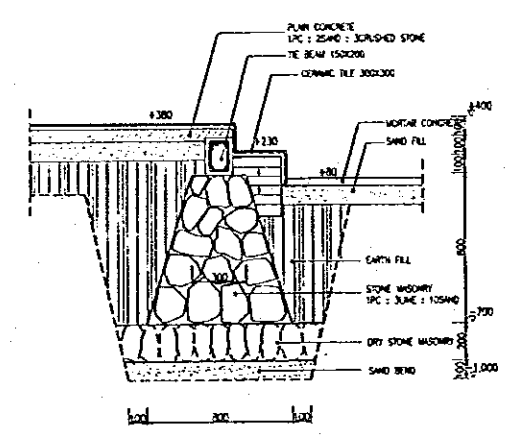
DETAIL F2



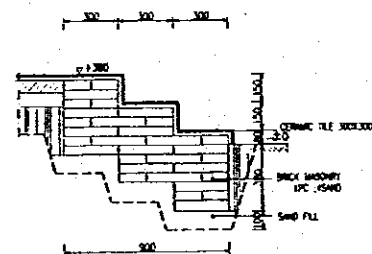
DETAIL F3



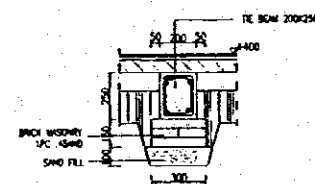
DETAIL F4



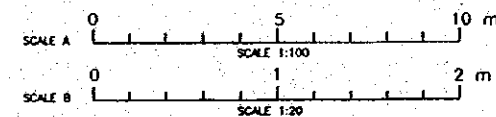
DETAIL F5



DETAIL F6



FOUNDATION SCHEDULE
SCALE B



NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

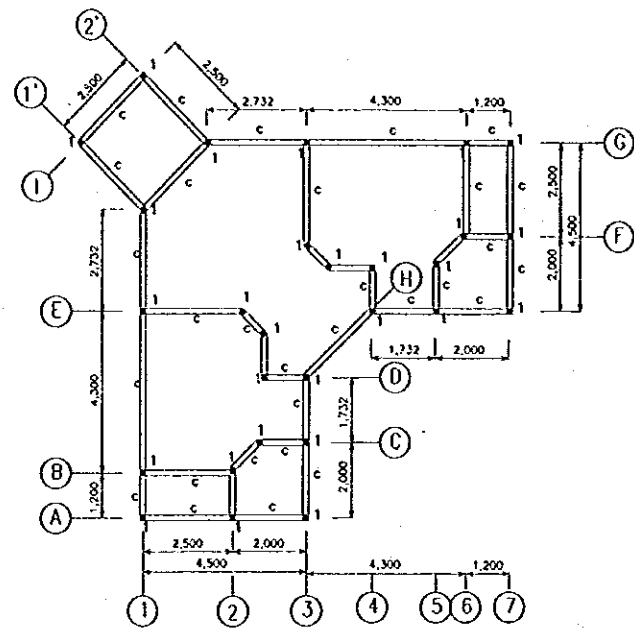
THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT

PROVINCE: CENTRAL JAWA
 PROJECT NAME: FLOOD CONTROL, CANAL BRIDGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
 DISTRICT: SEMARANG CITY
 DRAWING NO.: JO-P2-MC-GH-5
 SHEET NO.: 38
 DATE: CONTRACT NO.:

JRATUNSELUNA FLOOD CONTROL PROJECT
 COMPONENT : JATIBARANG DAM CONSTRUCTION
JATIBARANG DAM MANAGEMENT COMPLEX
FOUNDATION PLAN AND DETAIL
STAFF HOUSE 1 (GUEST HOUSE)

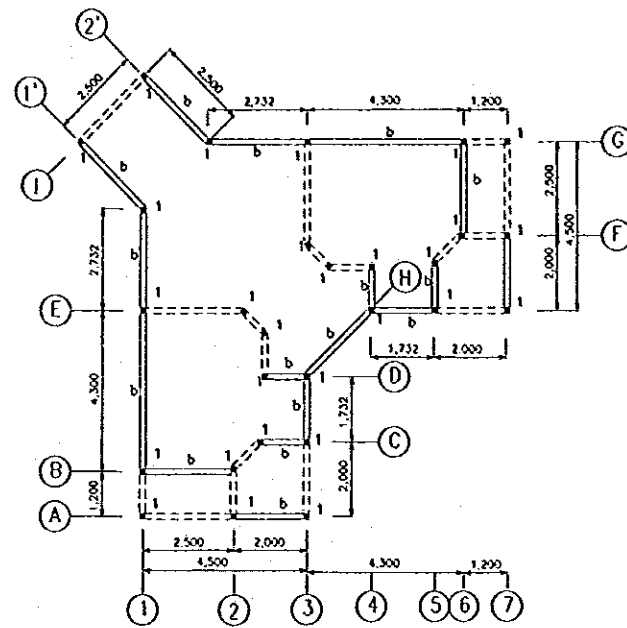
JAPAN INTERNATIONAL COOPERATION AGENCY
 CITY ENGINEERING CONSULTANTS IN ASSOCIATION INC.
 PACIFIC CONSULTANTS INTERNATIONAL INC.
 PASCOR INTERNATIONAL INC.

DESIGNED: [Signature]
 CHECKED: [Signature]
 CHIEF OF PLANNING AND DESIGN
 PROJECT MANAGER



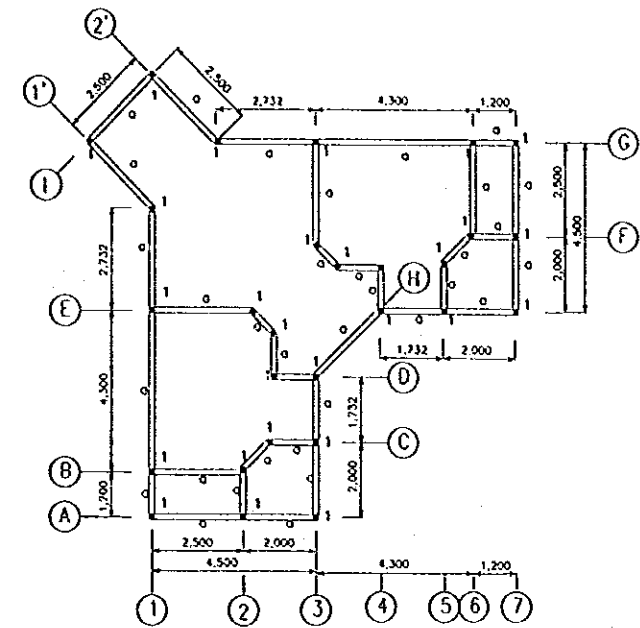
COLUMN AND TIE BEAM PLAN +100

SCALE A



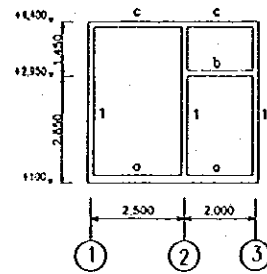
COLUMN AND TIE BEAM PLAN +2,950

SCALE A

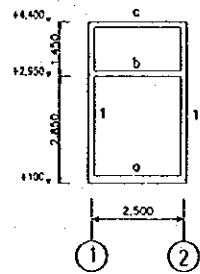


COLUMN AND RING BEAM PLAN +4,400

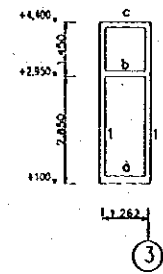
SCALE A



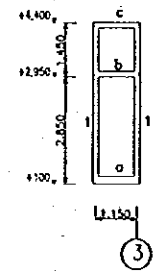
FRAMING LINE A
SCALE A



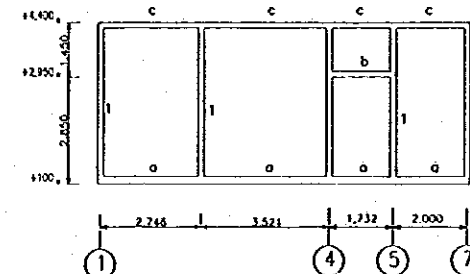
FRAMING LINE B
SCALE A



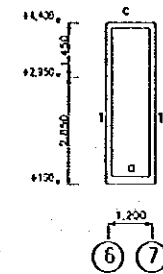
FRAMING LINE C
SCALE A



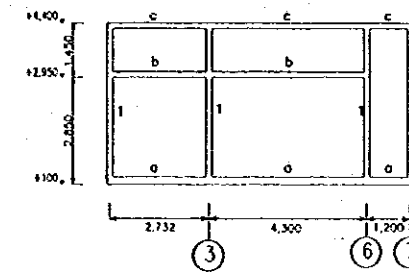
FRAMING LINE D
SCALE A



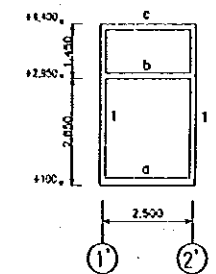
FRAMING LINE E
SCALE A



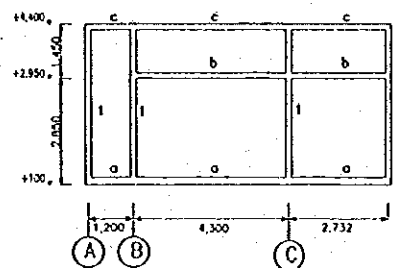
FRAMING LINE F
SCALE A



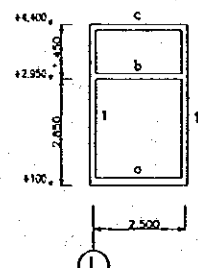
FRAMING LINE G
SCALE A



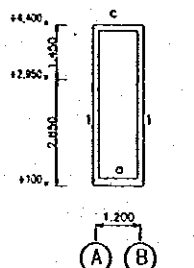
FRAMING LINE H,I
SCALE A



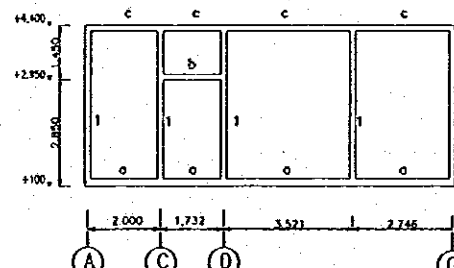
FRAMING LINE 1
SCALE A



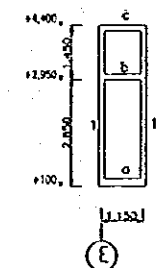
FRAMING LINE 1',2'
SCALE A



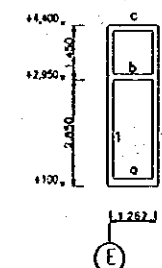
FRAMING LINE 2
SCALE A



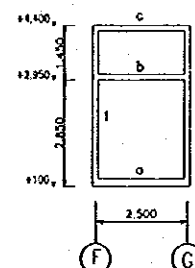
FRAMING LINE 3
SCALE A



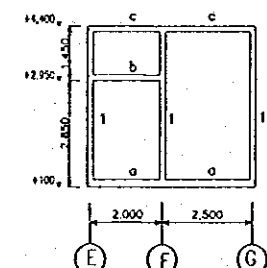
FRAMING LINE 4
SCALE A



FRAMING LINE 5
SCALE A



FRAMING LINE 6
SCALE A



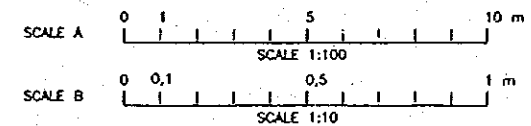
FRAMING LINE 7
SCALE A

TYPICAL SECTION OF COLUMN REINFORCEMENT	
ARRANGEMENT	COLUMN TYPE (I)
ARRANGEMENT	4 #12
STIRRUP	#8-150
NOTES	-
STIRRUP	-

TYPICAL SECTION OF COLUMN REINFORCEMENT
SCALE B

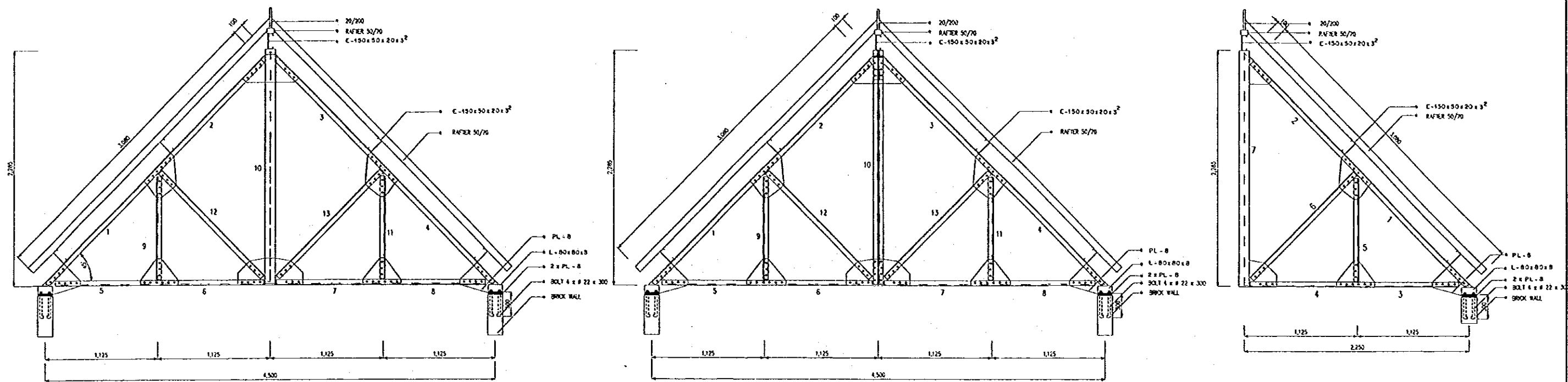
TYPICAL SECTION OF BEAM REINFORCEMENT			
ARRANGEMENT	BEAM TYPE (D)	BEAM TYPE (E)	BEAM TYPE (G)
TOP	2 #12	2 #12	2 #12
MIDDLE	-	-	-
BOTTOM	2 #12	2 #12	2 #12
STIRRUP	#8-150	#8-150	#8-150

TYPICAL SECTION OF BEAM REINFORCEMENT
SCALE B



THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAYA
IRATUNSELUMA FLOOD CONTROL PROJECT COMPONENT : JATIBARANG DAM CONSTRUCTION JATIBARANG DAM MANAGEMENT COMPLEX COLUMN, TIE BEAM AND FRAMING ELEVATION STAFF HOUSE 1 (GUEST HOUSE)		PROJECT NAME FLOOD CONTROL, IRRIGATION AND WATER RESOURCES DEVELOPMENT IN IRATUNSELUMA OF THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY JICA ENGINEERING CO. LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND PARCO INTERNATIONAL, INC.		DISTRICT SEMARANG CITY
DESIGNED CHECKED APPROVED CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		DRAWING NO. JD-P2-MC-GH-6 SHEET NO. 39 DATE CONTRACT NO.

NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED



TYPE K1 3 pcs
SCALE B

TYPE K2 2 pcs
SCALE B

TYPE K3 4 pcs
SCALE B

MEMBER LIST TYPE K1

NO. MEMBER	PROFILE	BOLT TOTAL	DISTANCE		NOTE
			#mm	a mm b mm	
1 = 4	T-50x50x5	4-3	14	40 60	
2 = 3	T-50x50x5	3-4	14	40 60	
5 = 8	L-50x50x5	4-3	14	40 60	
6 = 7	L-50x50x5	3-4	14	40 60	
9 = 11	T-50x50x5	3-3	14	40 60	
10	PPA Ø 101,6	-	-	-	
12 = 13	T-50x50x5	3-3	14	40 60	

MEMBER LIST TYPE K2

NO. MEMBER	PROFILE	BOLT TOTAL	DISTANCE		NOTE
			#mm	a mm b mm	
1 = 4	T-50x50x5	4-3	14	40 50	
2 = 3	T-50x50x5	3-4	14	40 60	
5 = 8	L-50x50x5	4-3	14	40 50	
6 = 7	L-50x50x5	3-4	14	40 60	
9 = 11	T-50x50x5	3-3	14	40 60	
10	L-50x50x5	3-3	14	40 60	
12 = 13	L-50x50x5	4-4	14	40 60	

MEMBER LIST TYPE K3

NO. MEMBER	PROFILE	BOLT TOTAL	DISTANCE		NOTE
			#mm	a mm b mm	
1	T-50x50x5	4-3	14	40 60	
2	T-50x50x5	3-4	14	40 60	
3	L-50x50x5	4-3	14	40 60	
4	L-50x50x5	3-4	14	40 60	
5	L-50x50x5	3-3	14	40 60	
6	L-50x50x5	3-3	14	40 60	
7	PPA Ø 101,6	-	-	-	

MEMBER LIST TYPE K4

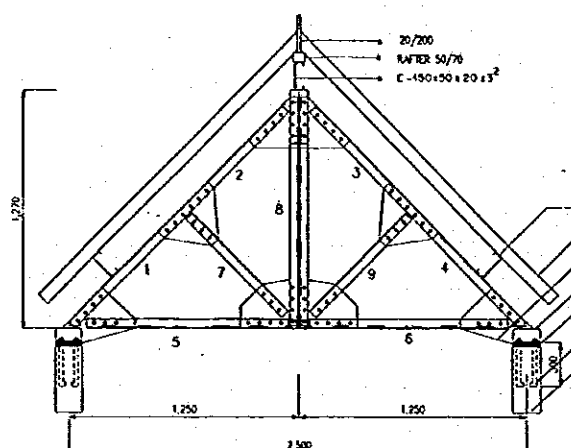
NO. MEMBER	PROFILE	BOLT TOTAL	DISTANCE		NOTE
			#mm	a mm b mm	
1 = 4	T-50x50x5	4-3	14	40 60	
2 = 3	T-50x50x5	3-4	14	40 60	
5 = 8	L-50x50x5	4-4	14	40 60	
7 = 9	L-50x50x5	3-3	14	40 60	
6	PPA Ø 101,6	-	-	-	

MEMBER LIST TYPE K5

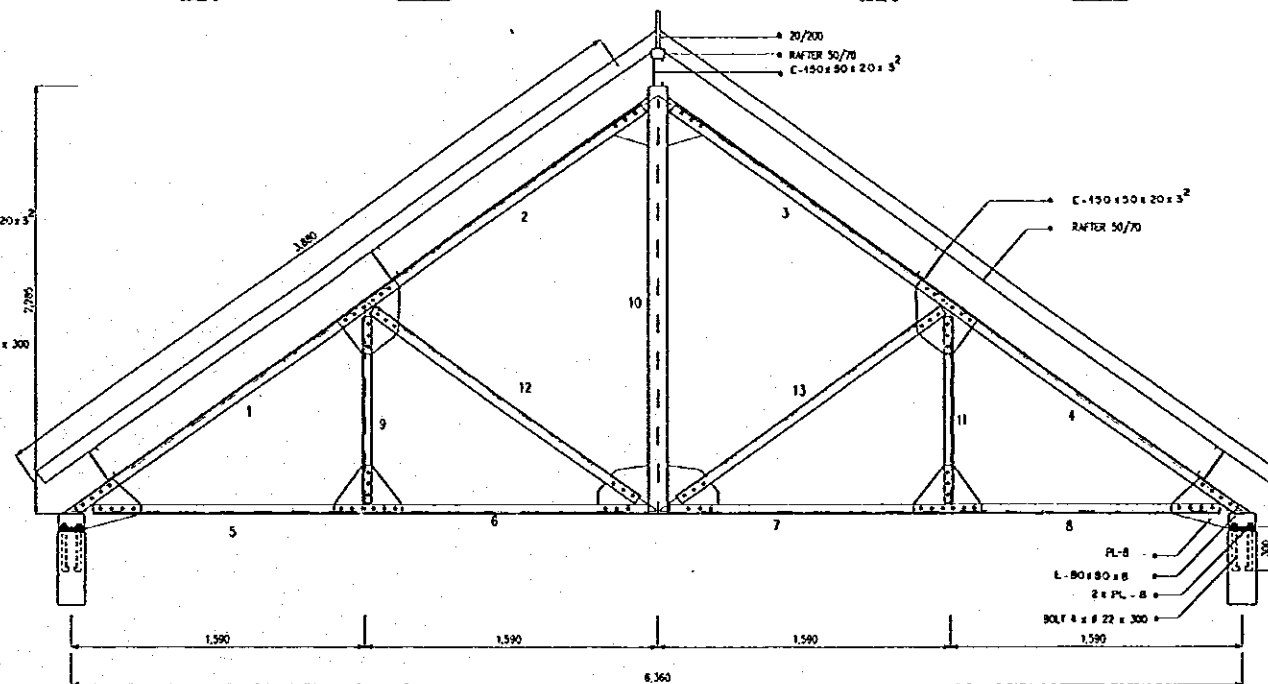
NO. MEMBER	PROFILE	BOLT TOTAL	DISTANCE		NOTE
			#mm	a mm b mm	
1 = 4	T-50x50x5	4-3	14	40 60	
2 = 3	T-50x50x5	3-4	14	40 60	
5 = 8	L-50x50x5	4-3	14	40 60	
6 = 7	L-50x50x5	3-4	14	40 60	
9 = 11	T-50x50x5	3-3	14	40 60	
10	PPA Ø 101,6	-	-	-	
12 = 13	T-50x50x5	3-3	14	40 60	

MEMBER LIST TYPE KS

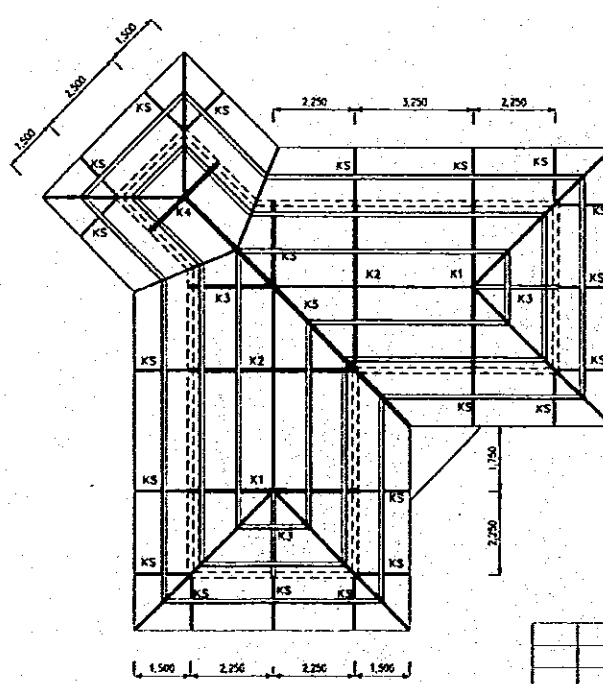
NO. MEMBER	PROFILE	BOLTS	DISTANCE		NOTE
			d mm	a mm b mm	
1	L-70x70x7	2-3	14	40 60	
2	L-70x70x7	3-3	14	40 60	
3	L-70x70x7	3-2	14	40 60	



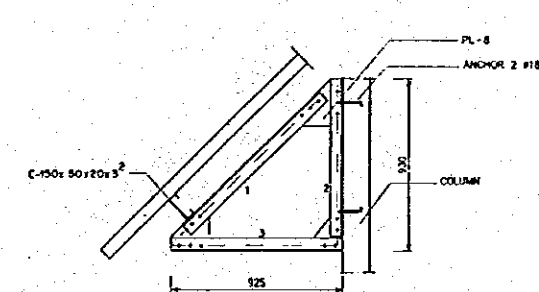
TYPE K4 1 pcs
SCALE B



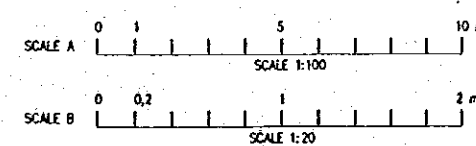
TYPE K5 1 pcs
SCALE B



ROOF PLAN
SCALE A



TYPE KS 20 pcs
SCALE B



NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT

PROVINCE: CENTRAL JAVA
PROJECT NAME: FLOOD CONTROL URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT OF SEMARANG IN THE REPUBLIC OF INDONESIA
DISTRICT: SEMARANG CITY
DRAWING NO. JD-P2-MC-GA-7
SHEET NO. 40
DATE: CONTRACT NO.:

JRATUNSELUNA FLOOD CONTROL PROJECT
COMPONENT 1: JATIBARANG DAM CONSTRUCTION
JATIBARANG DAM MANAGEMENT COMPLEX
ROOF STRUCTURE
STAFF HOUSE 1 (GUEST HOUSE)

JAPAN INTERNATIONAL COOPERATION AGENCY
CIH ENGINEERING CO. LTD. IN ASSOCIATION WITH
PACIFIC CONSULTANTS INTERNATIONAL AND
PACIFIC INTERNATIONAL INC.

DESIGNED: [Signature]
CHECKED: [Signature]
CHIEF OF PLANNING AND DESIGN
PROJECT MANAGER