

THE REPUBLIC OF INDONESIA

SCALE 1:10

THE REPUBLIC OF INDONESIA

DRECTURATE GENERAL OF WATER RESOURCES DEVELOPMENT
AND DESCRIPTION FOR PUBLIC WORKS

DRECTURATE GENERAL OF WATER RESOURCES DEVELOPMENT
AND DESCRIPTION FOR PUBLIC PROJECT

COMPONENT: URBAN DRABAGE SYSTEM BAPROVEMENT

AS IN PUMPTING STATION COMPLEX

SECTION & DETAIL SECTION

MANAGEMENT OFFICE

SHEET NO. 1447

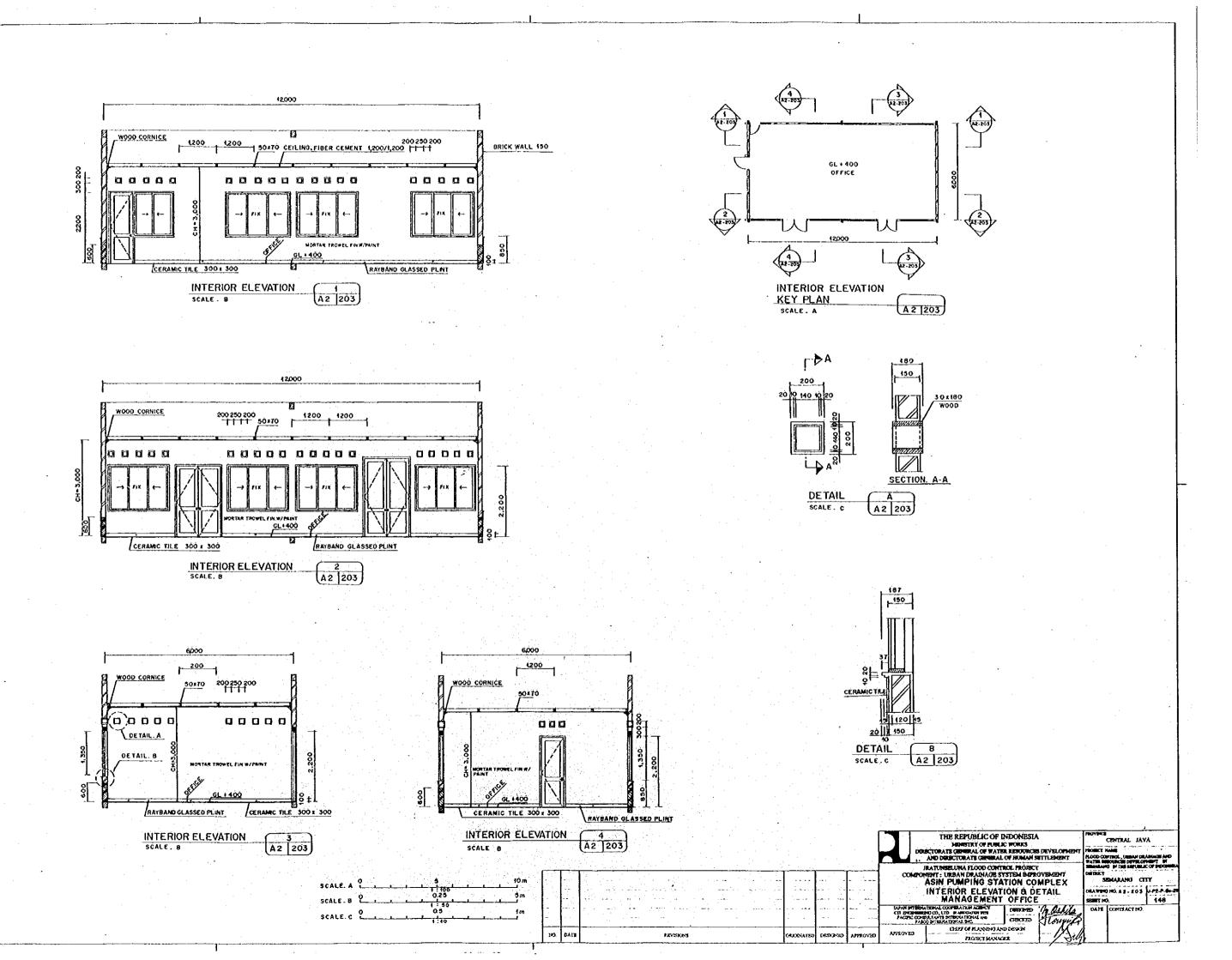
CHANGE MENT OFFICE

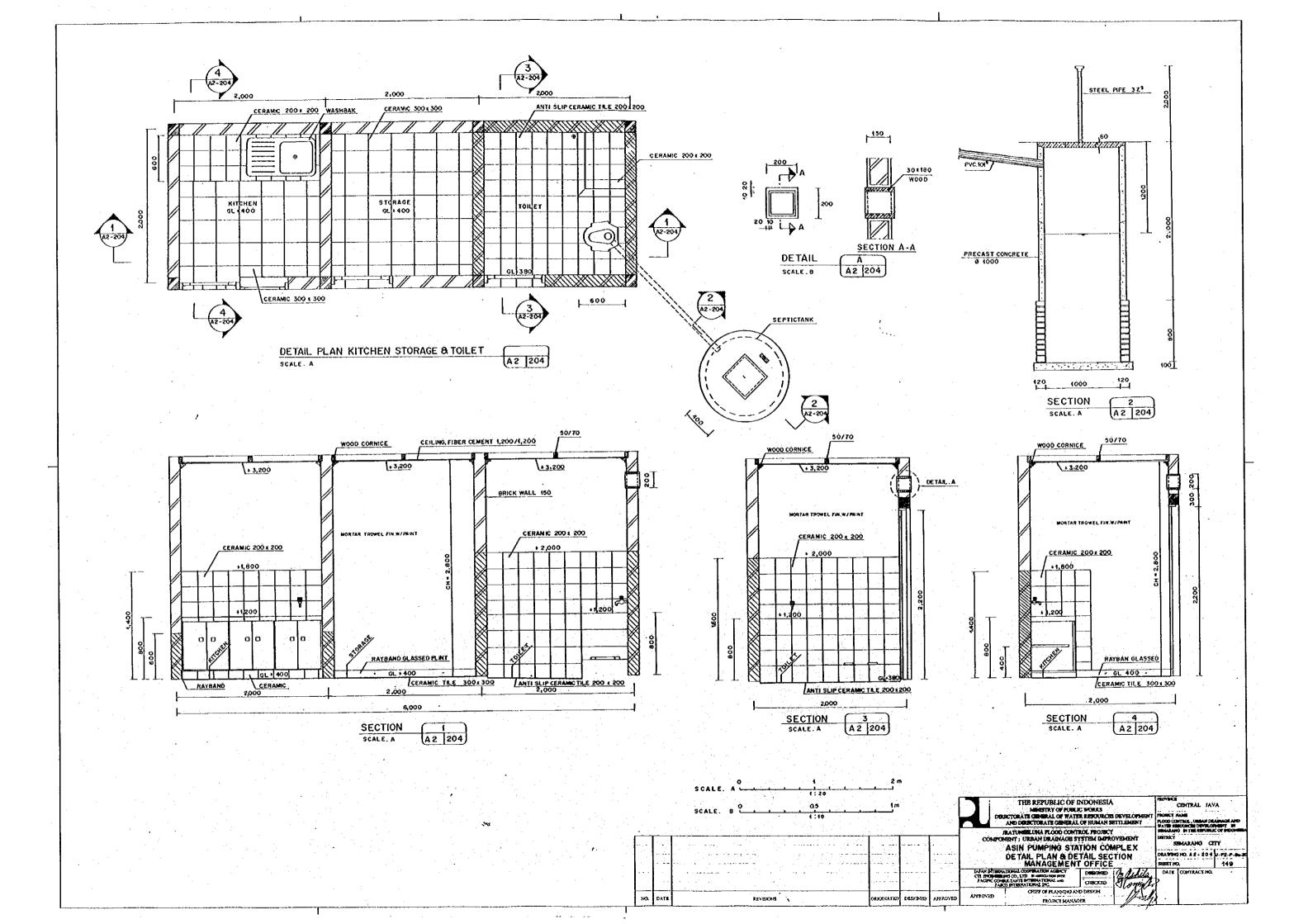
SHEET NO. 1447

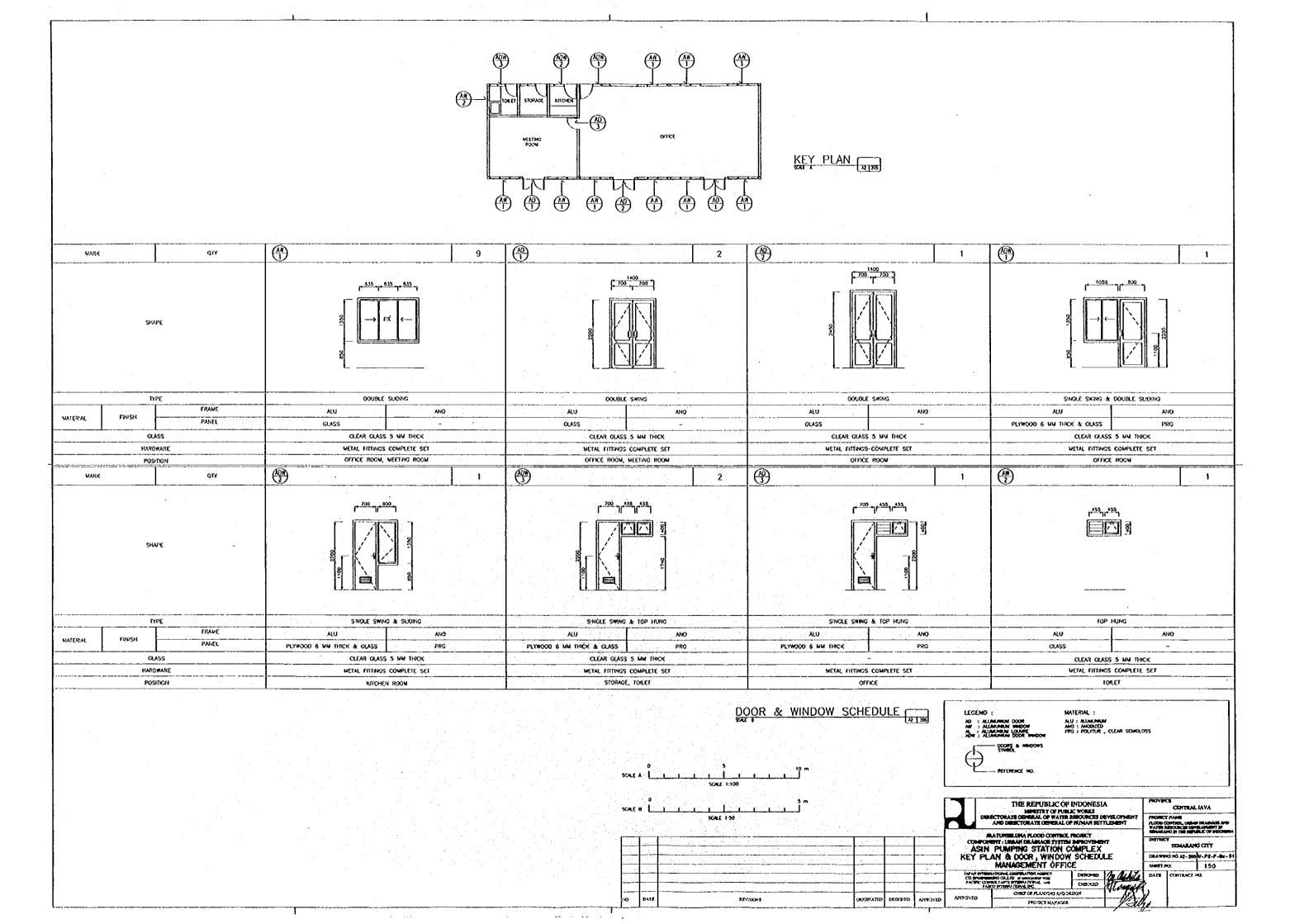
CHANGE MENT OFFICE

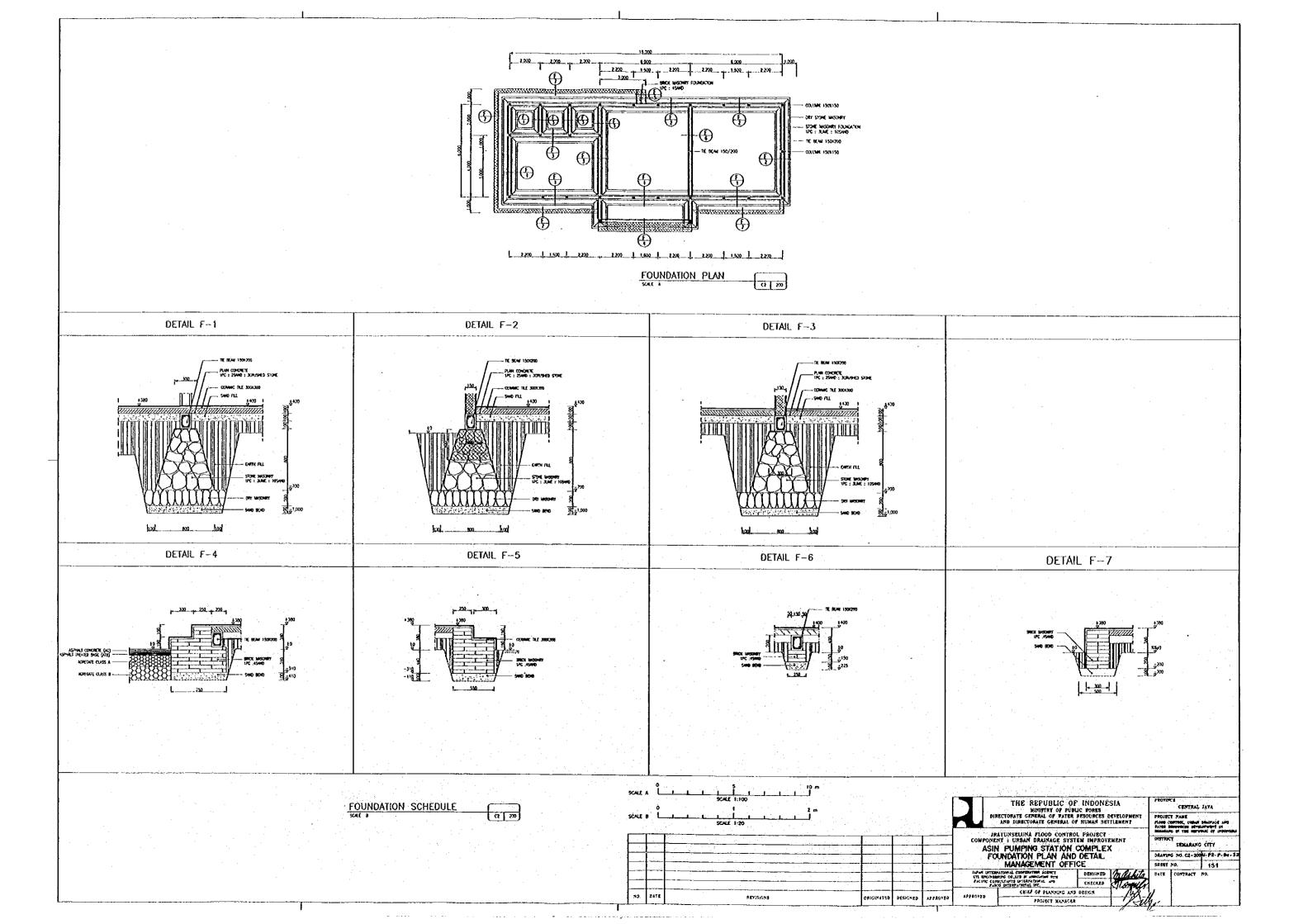
SHEET NO. 1447

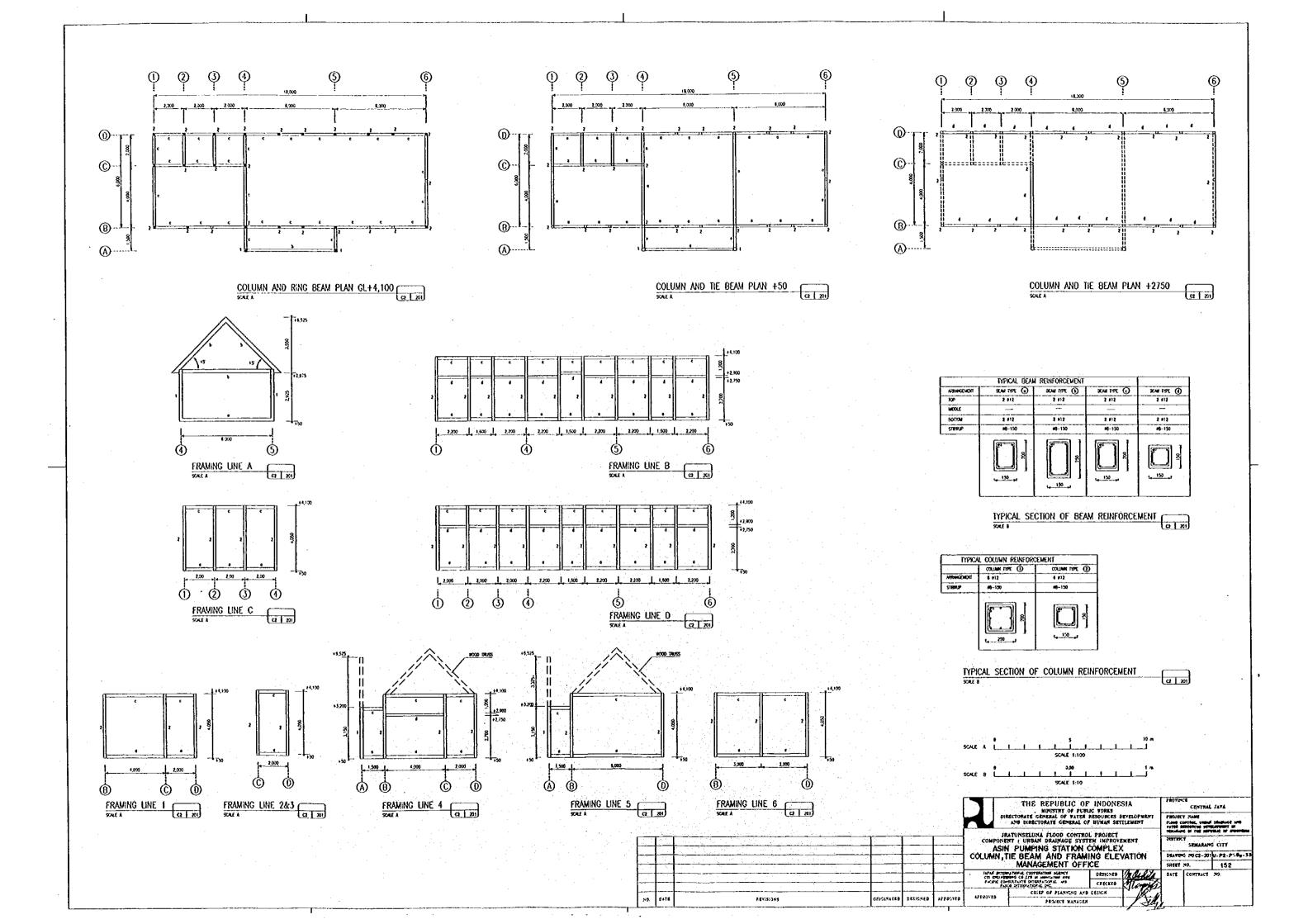
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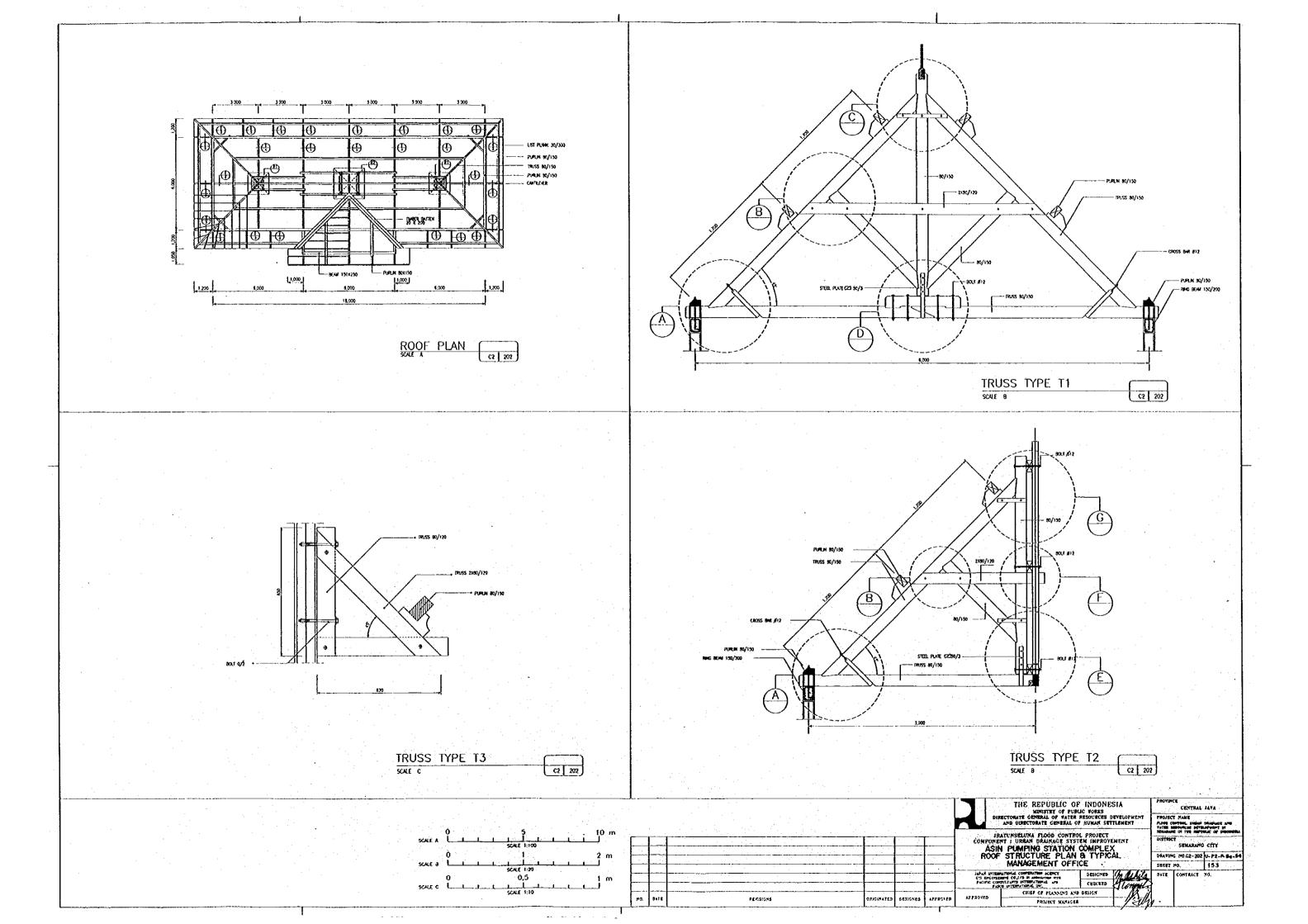


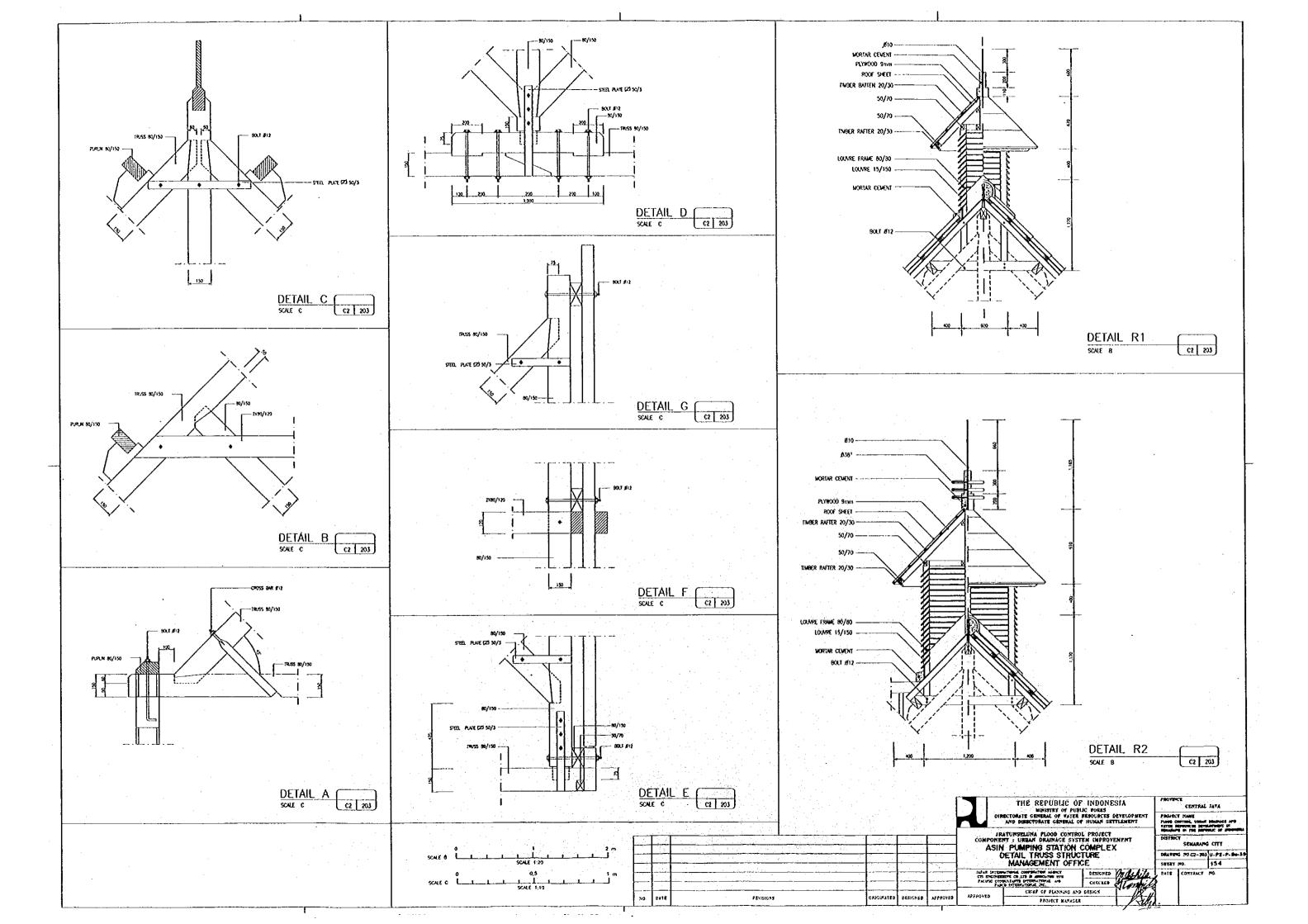


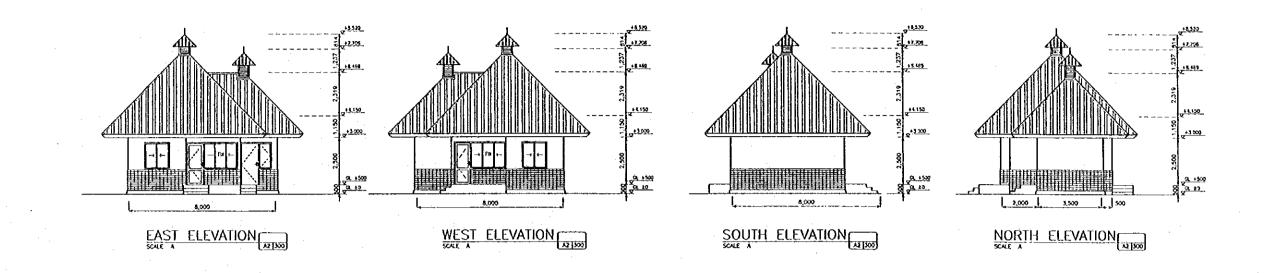


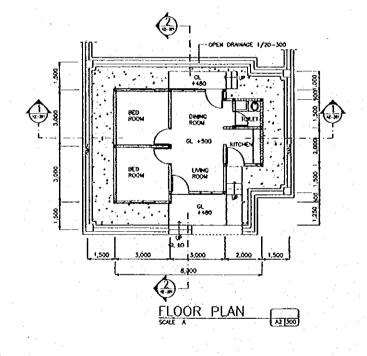


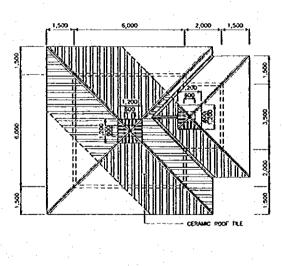


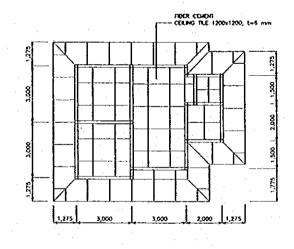






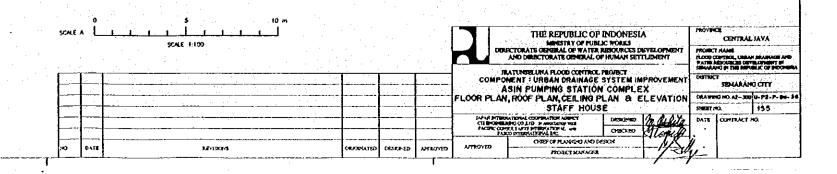


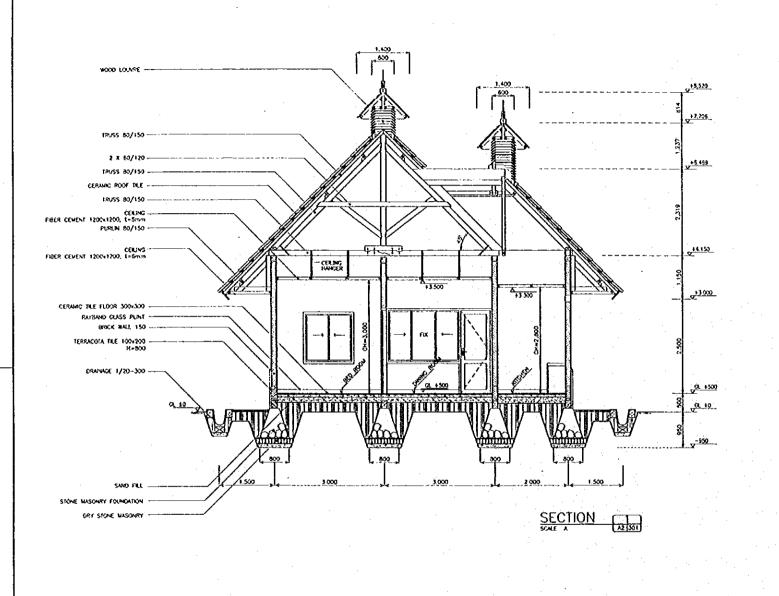


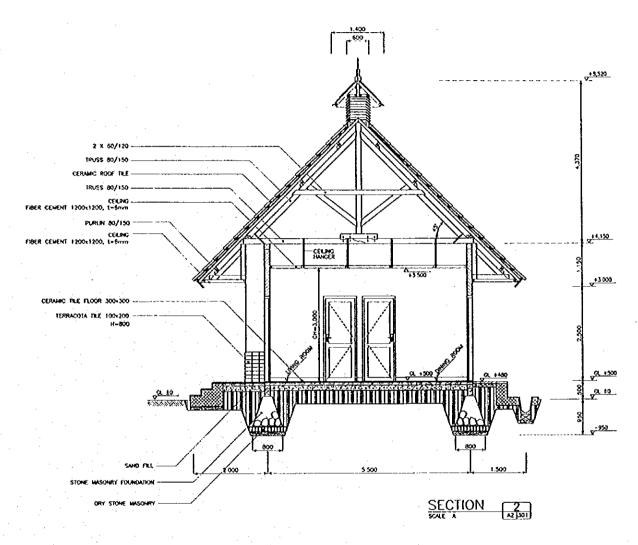


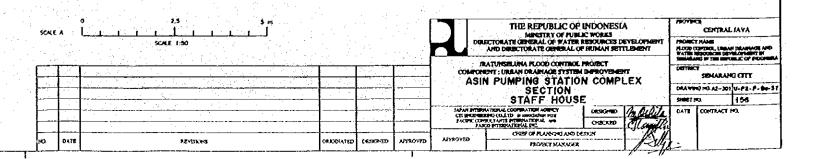
ROOF PLAN

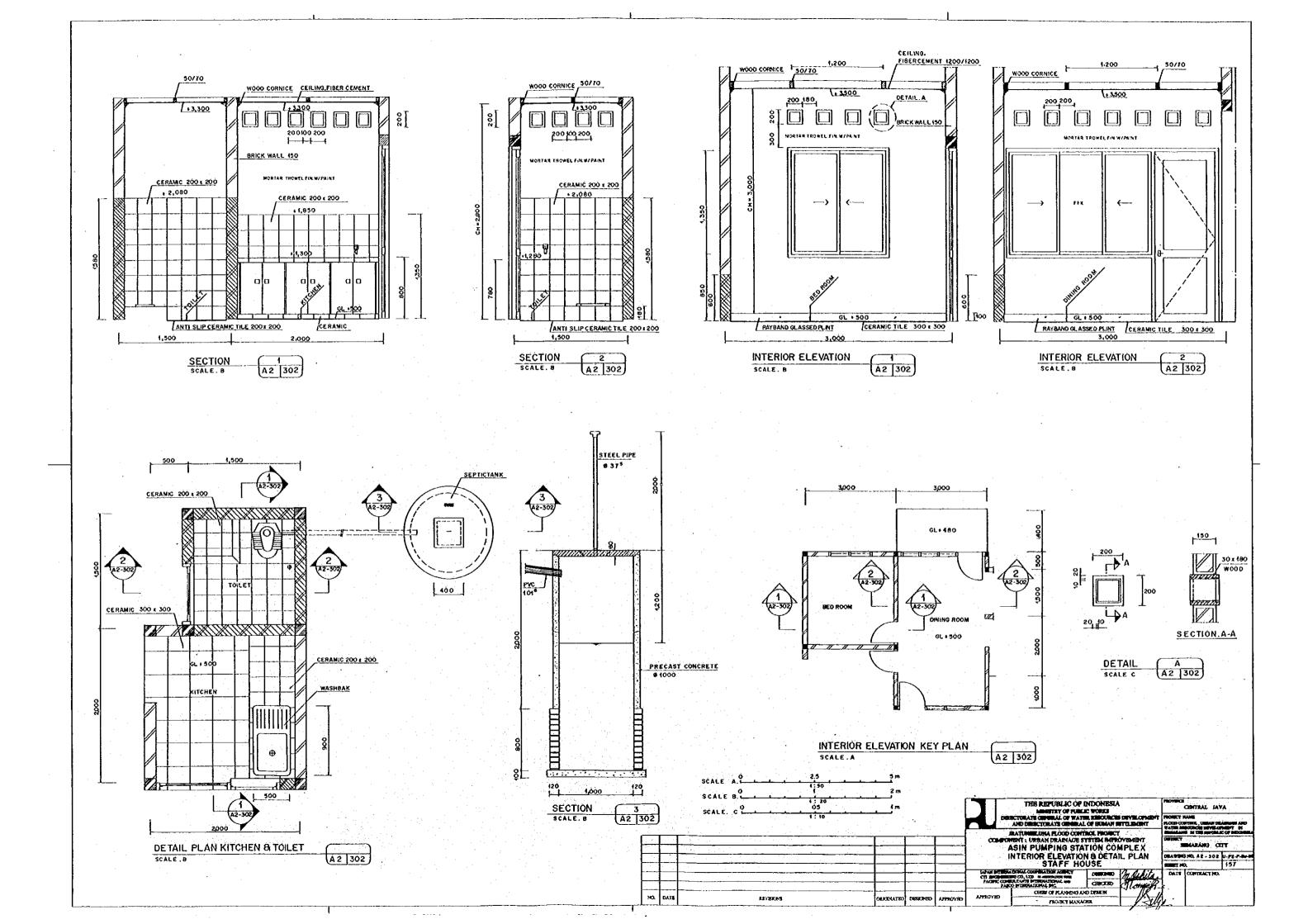
REFLECTED CEILING PLAN

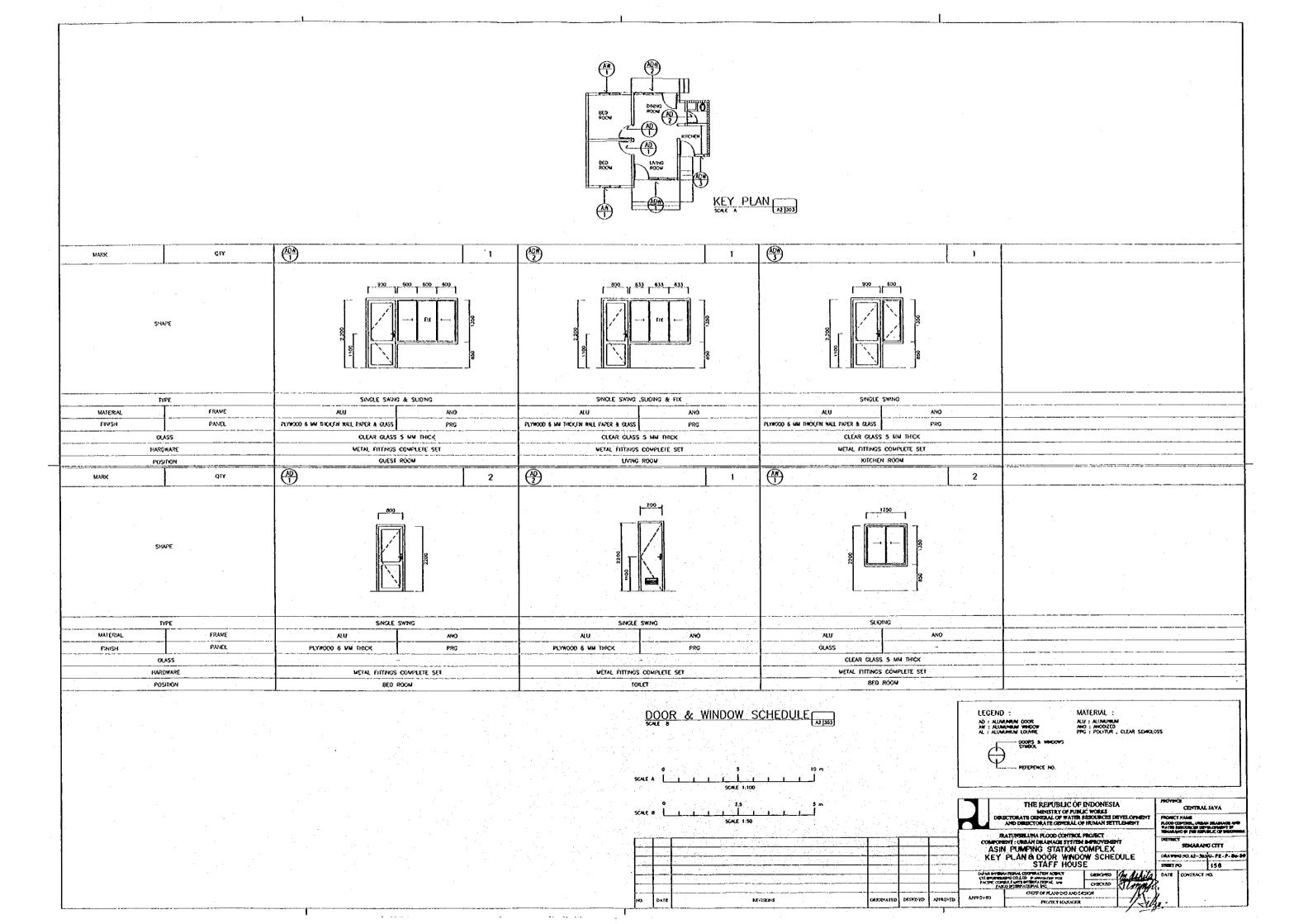


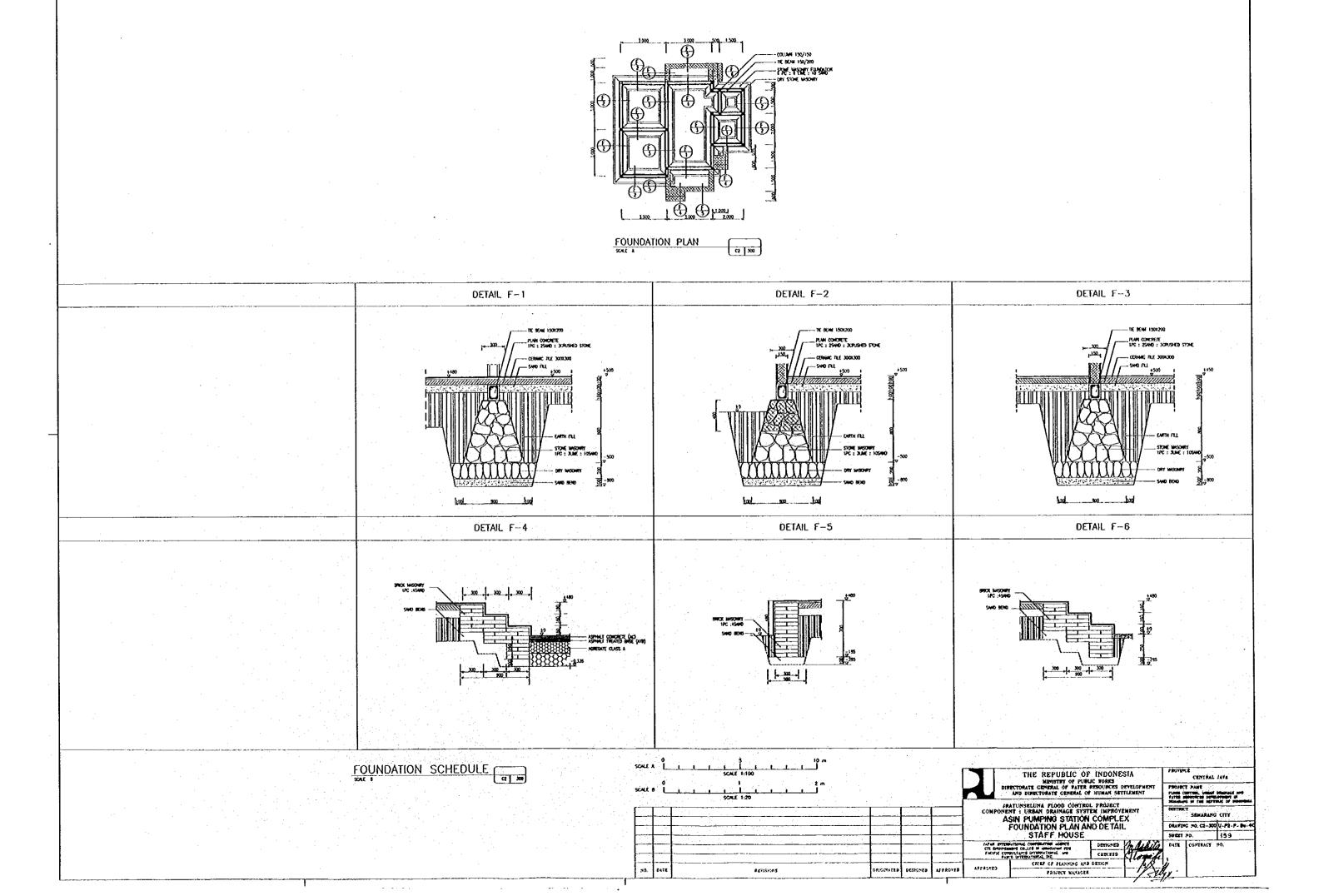


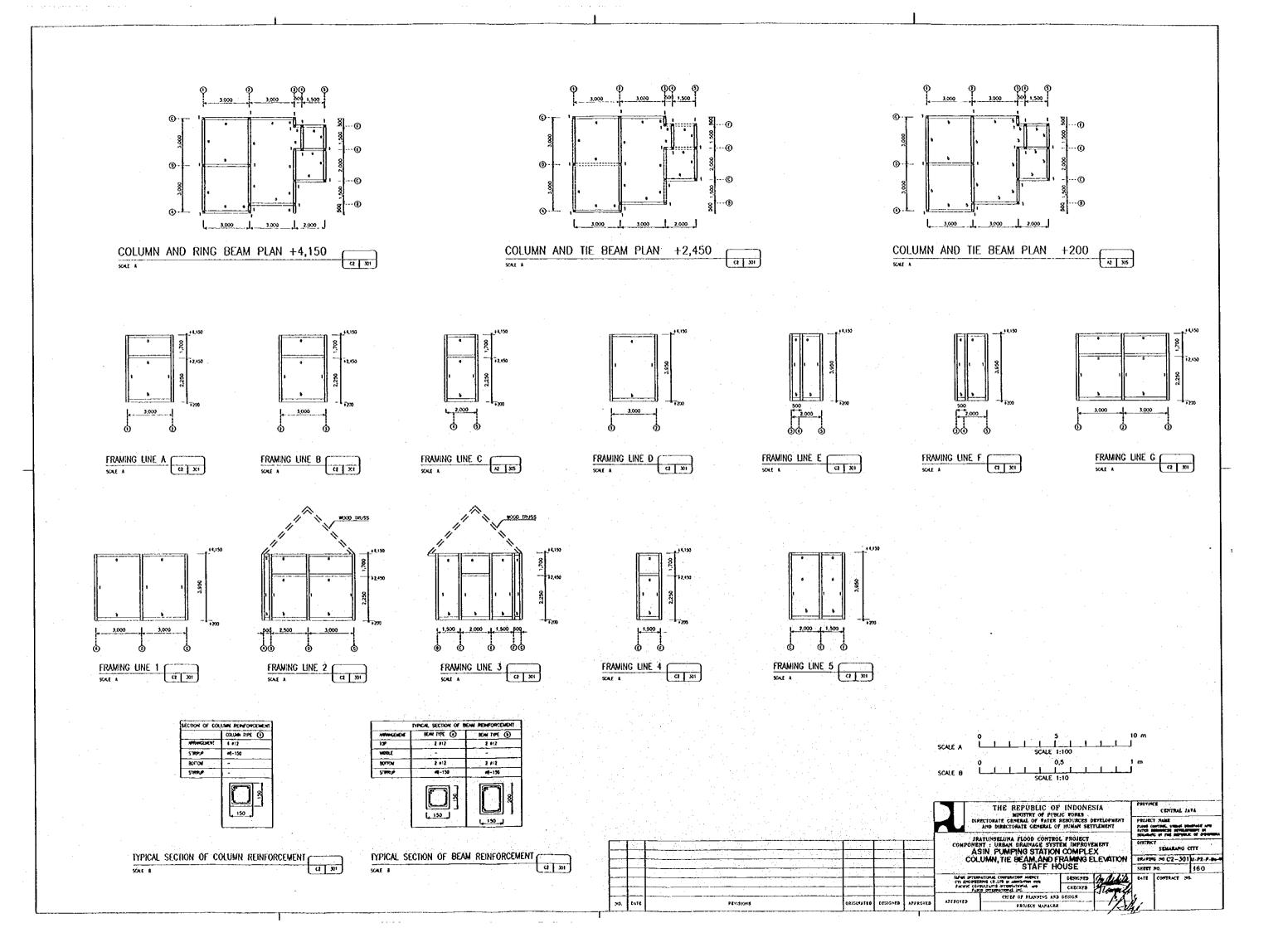


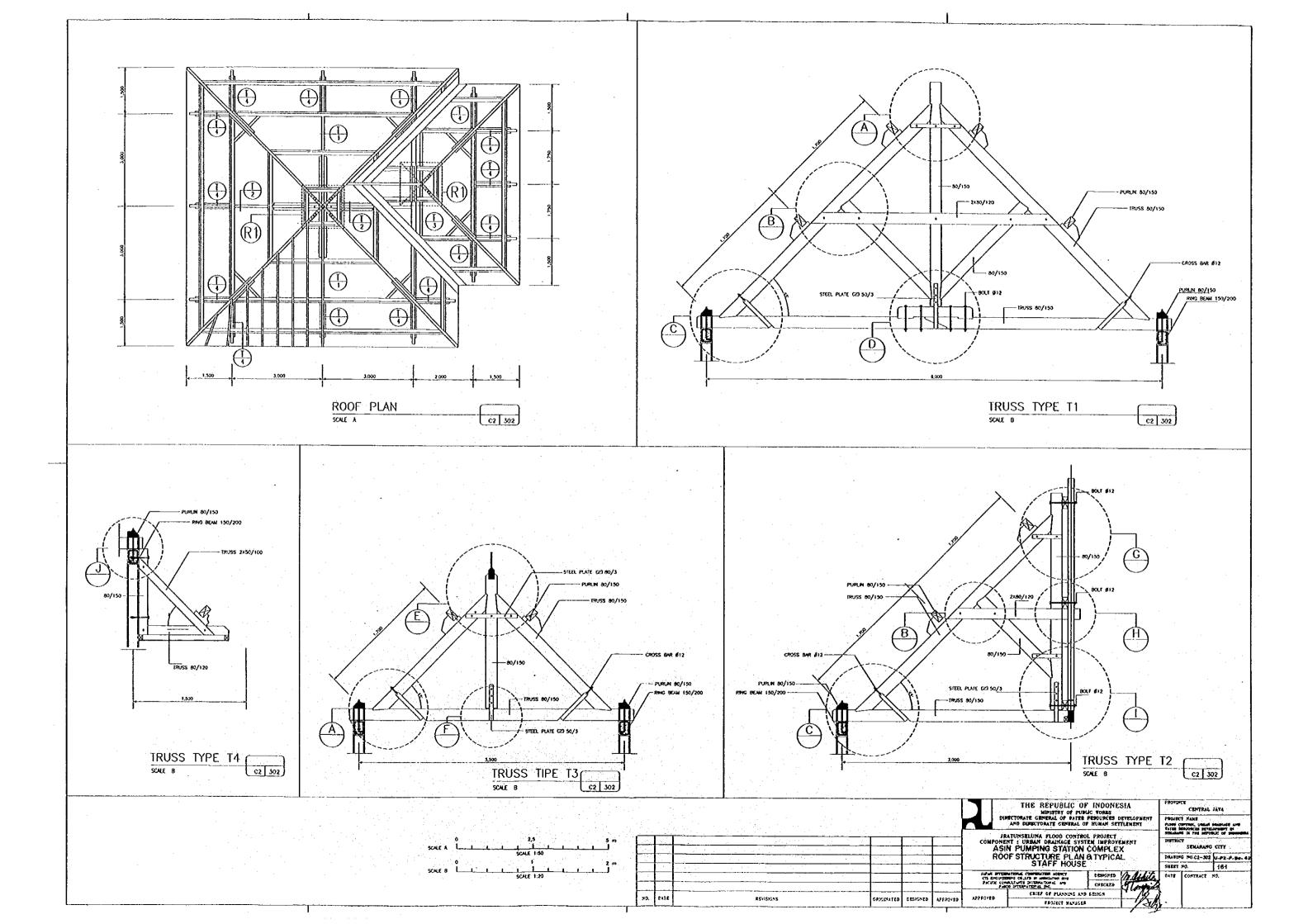


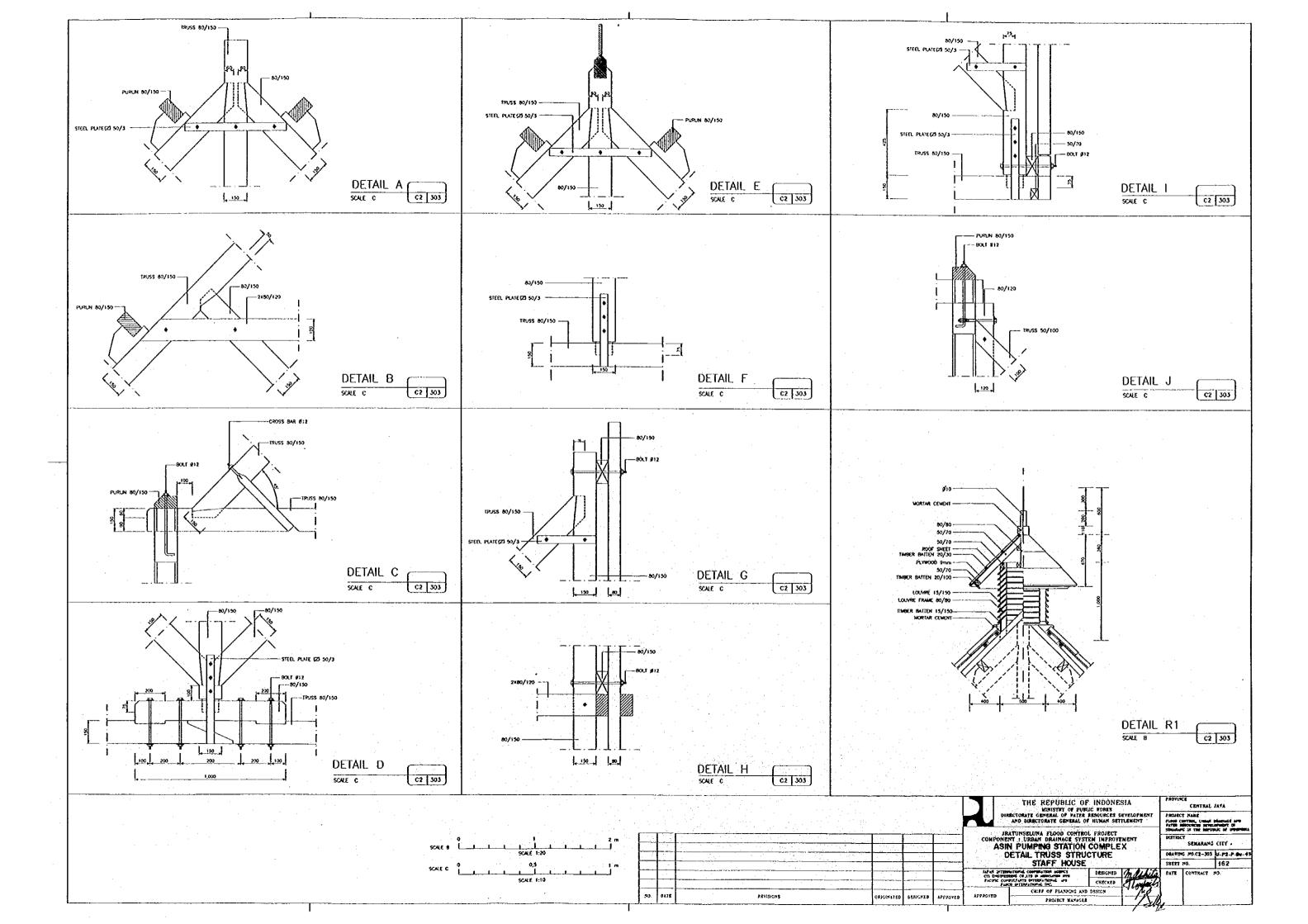


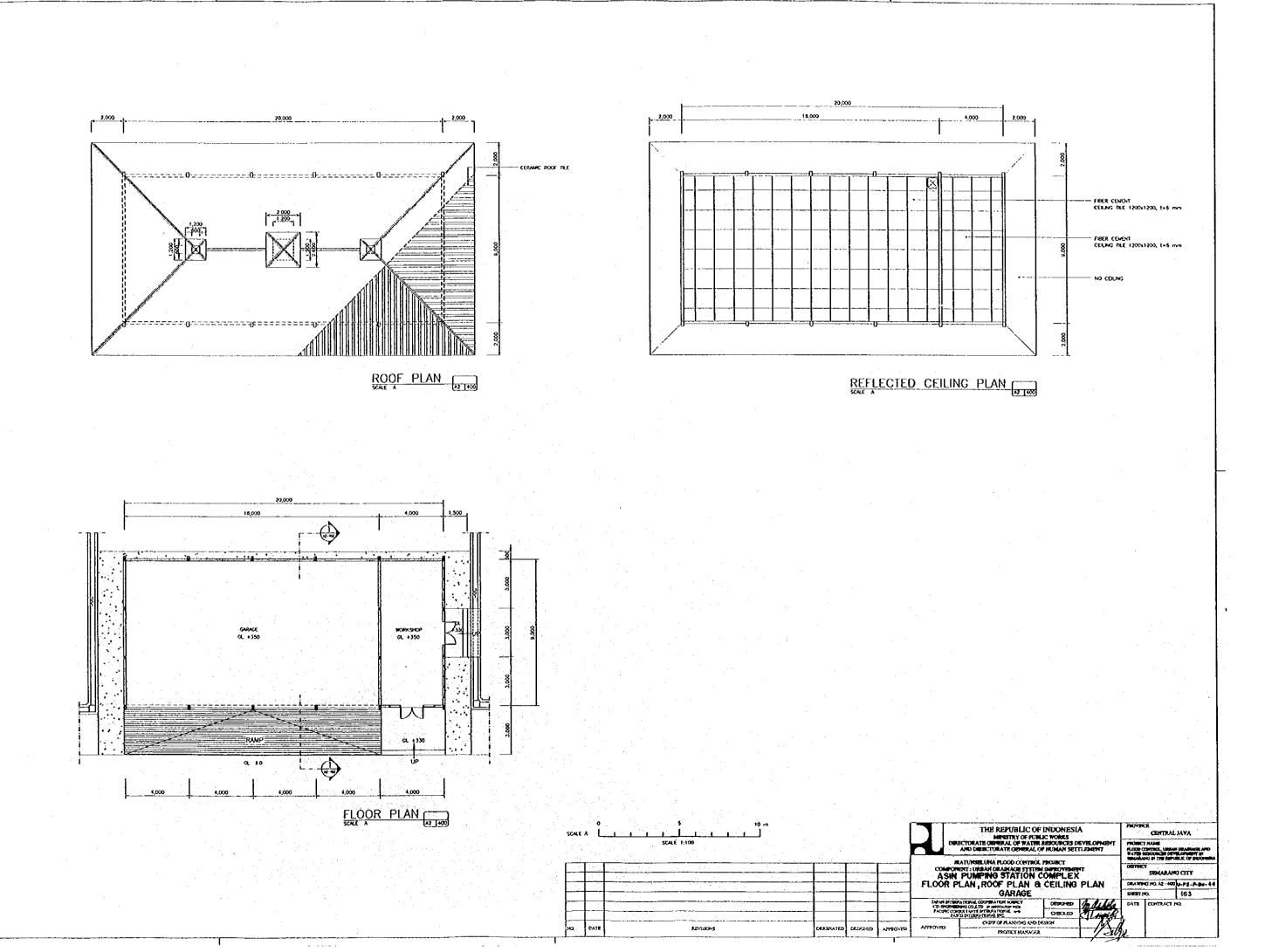


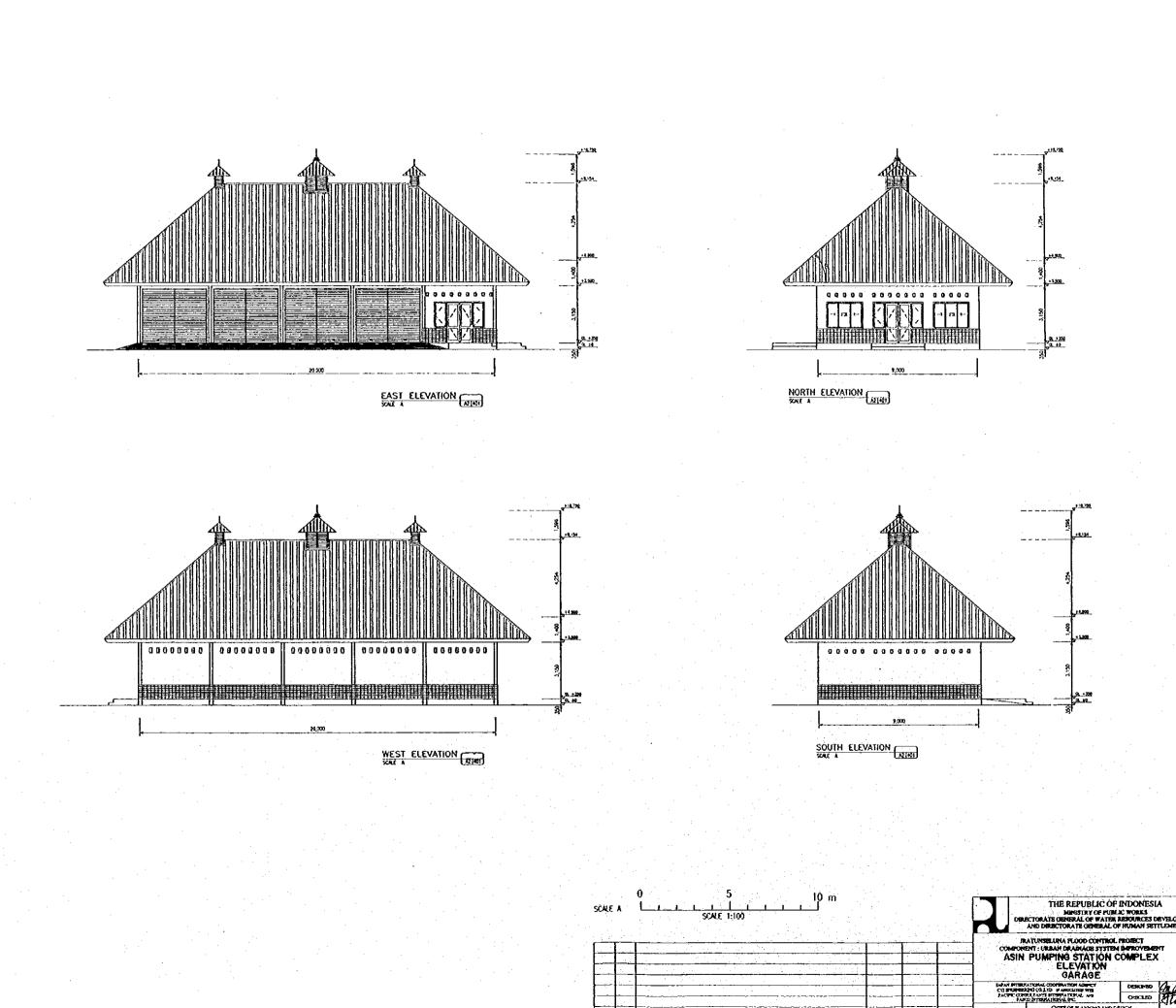




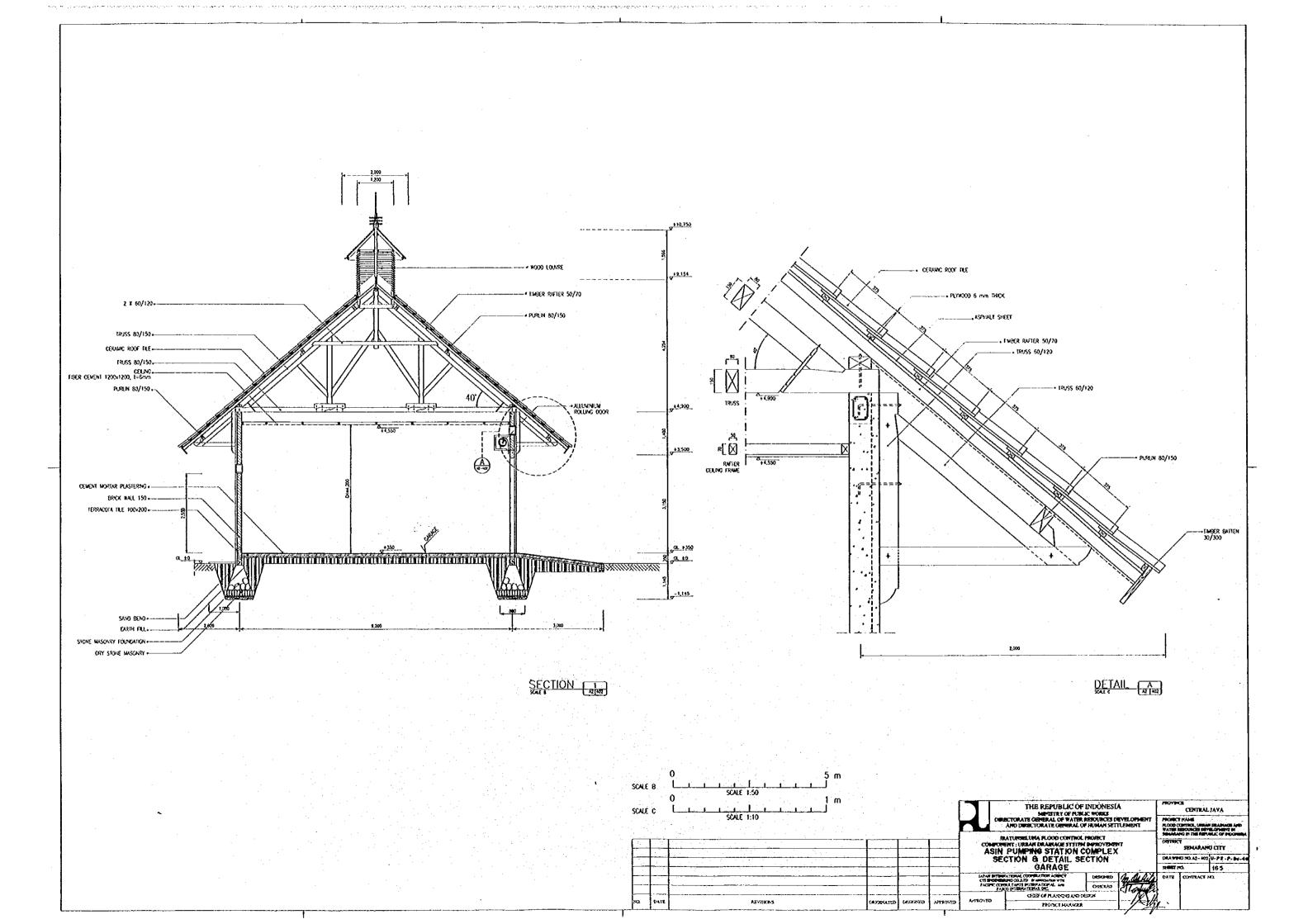


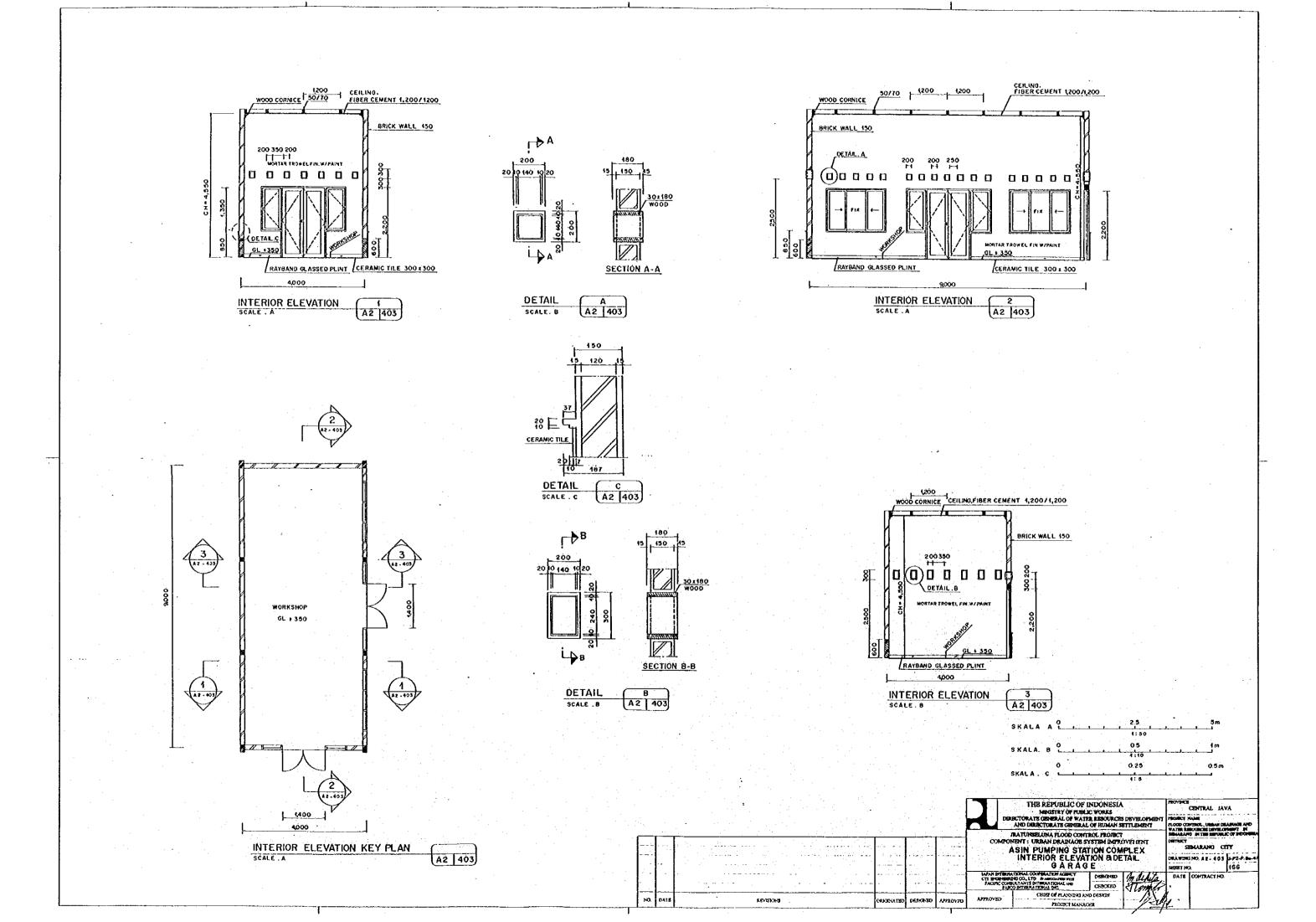


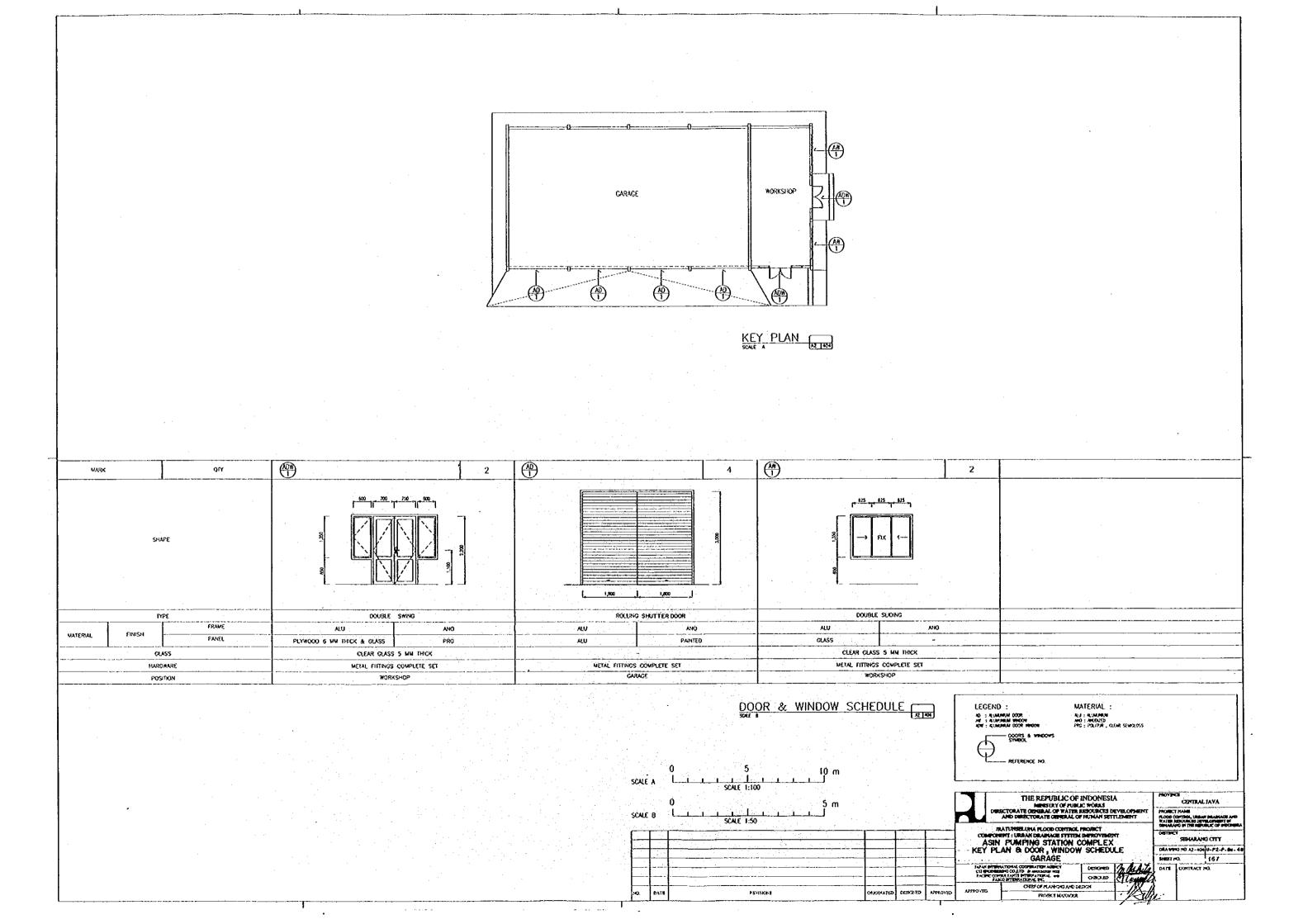


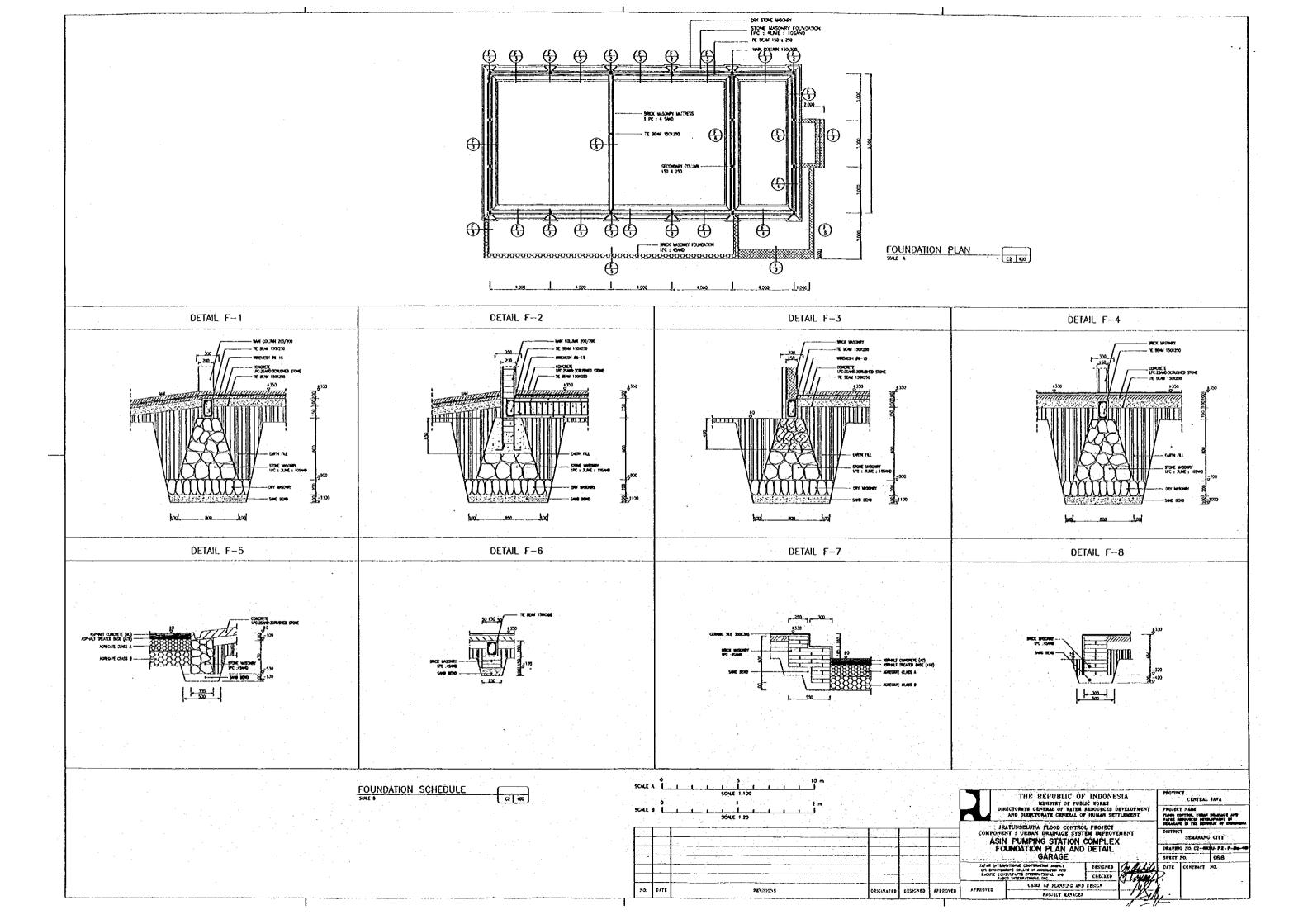


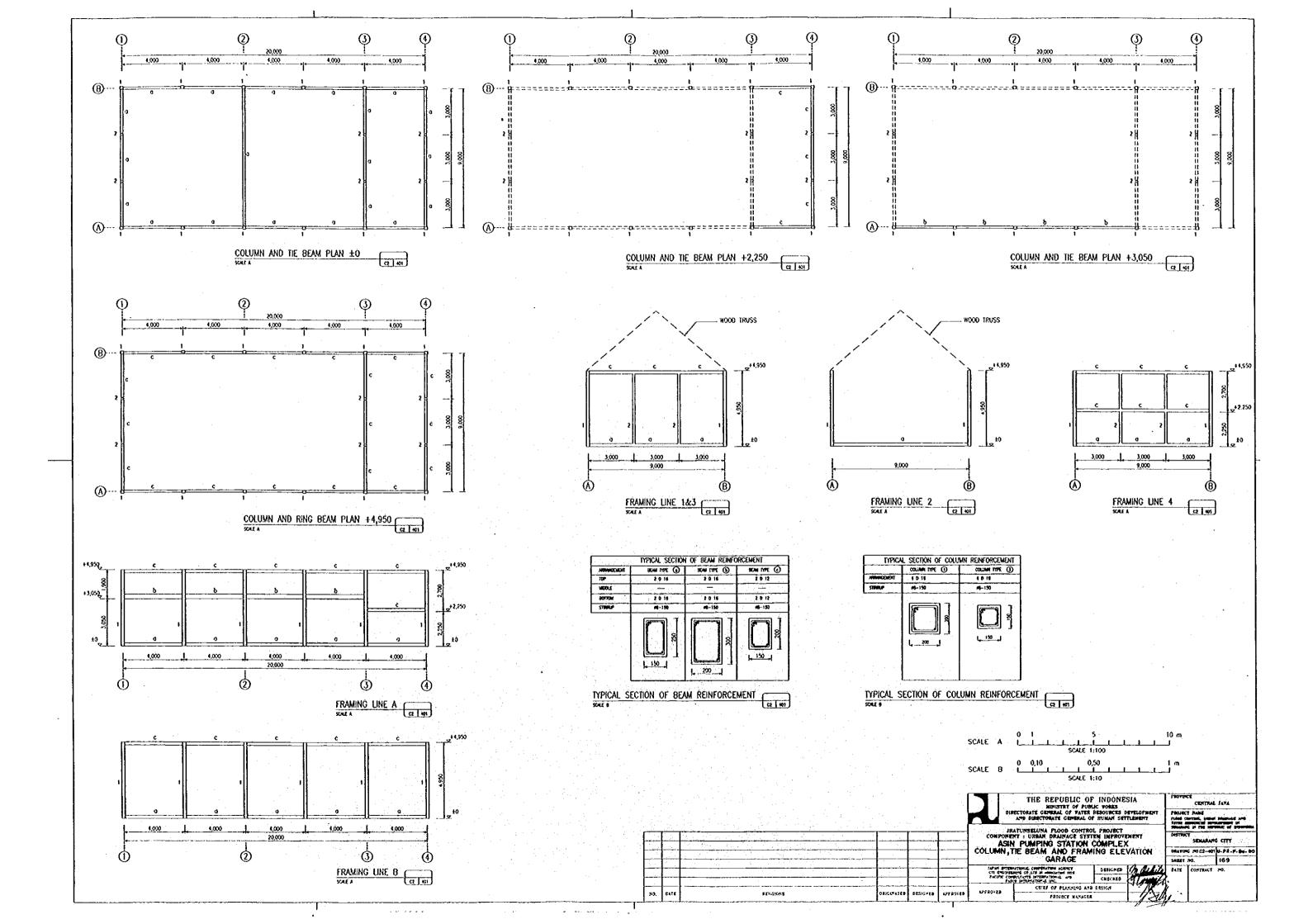
DRAWRITING A2-401 U-Pu-P-Bu SHEET IND. 16 4 DATE CONTRACT NO.

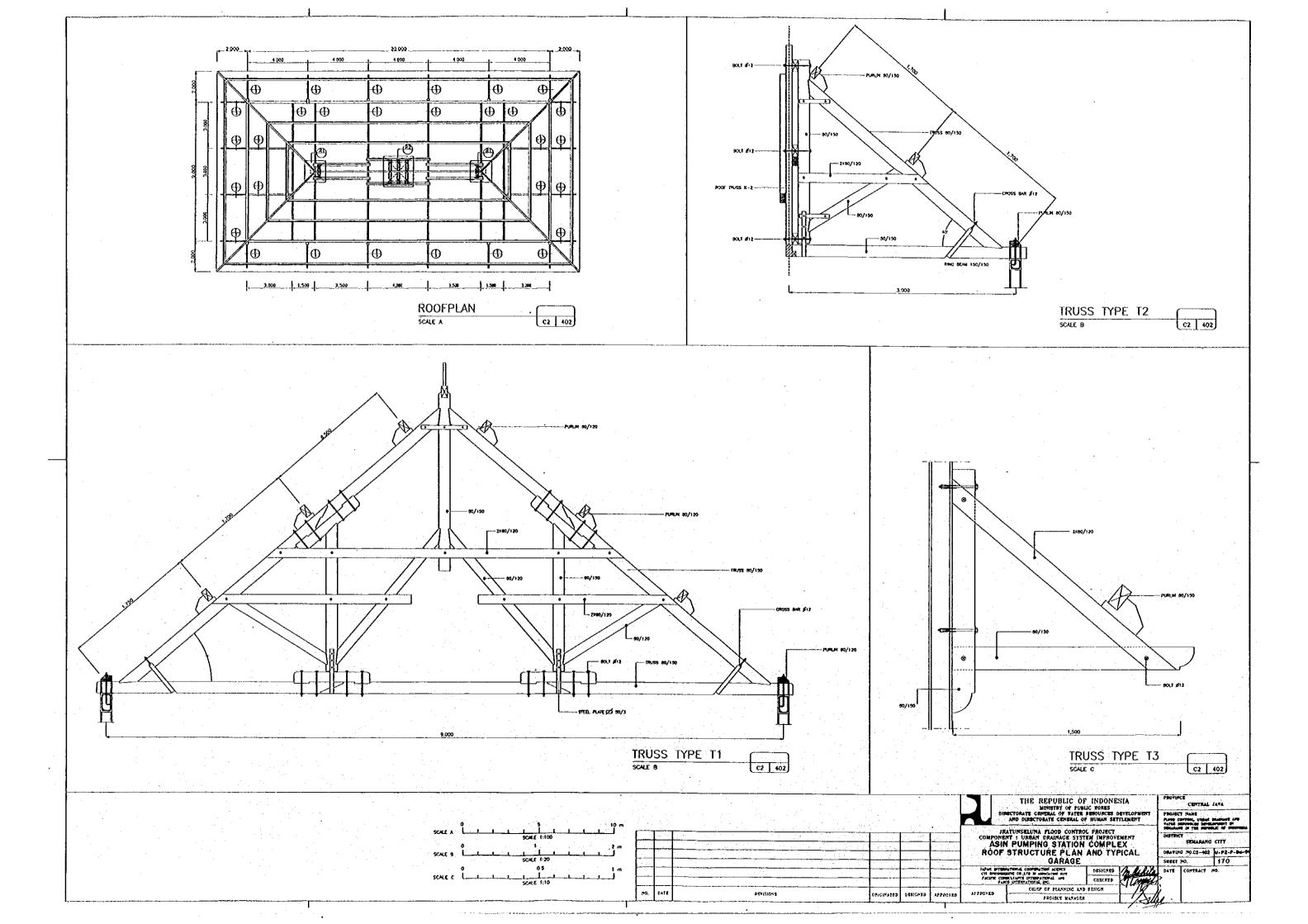


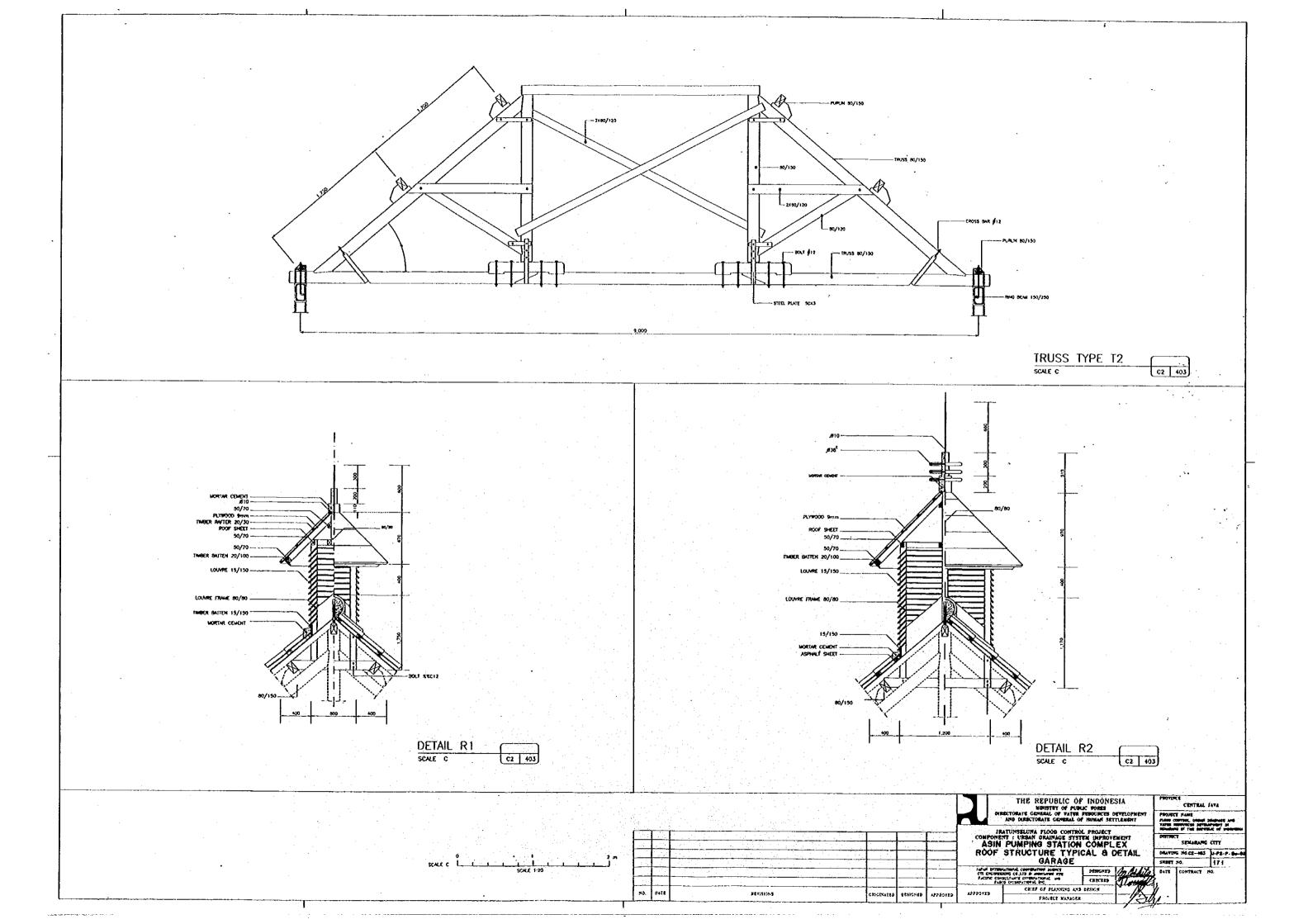


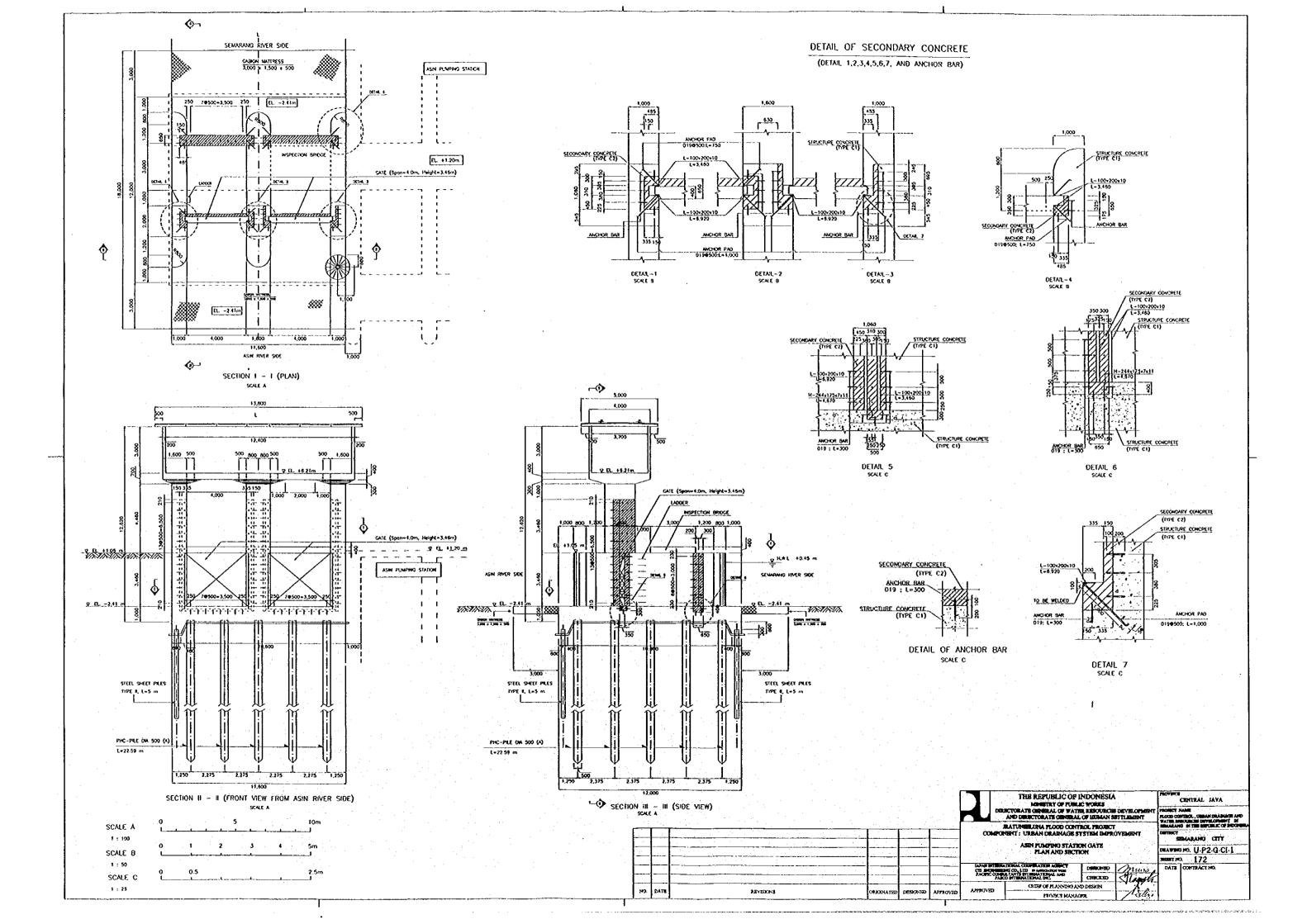


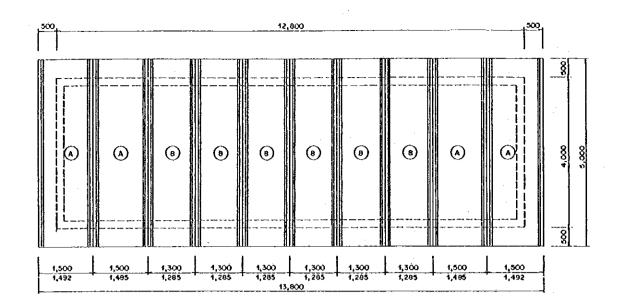




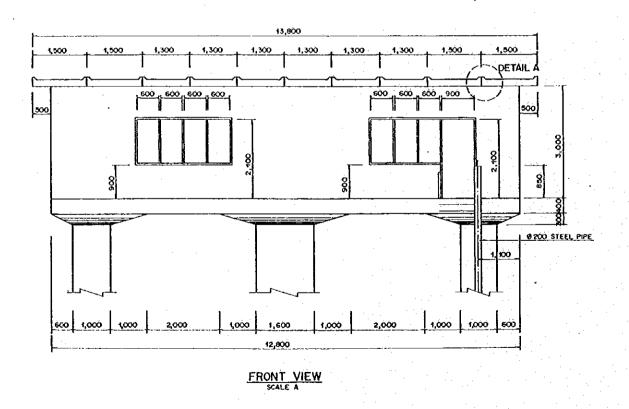


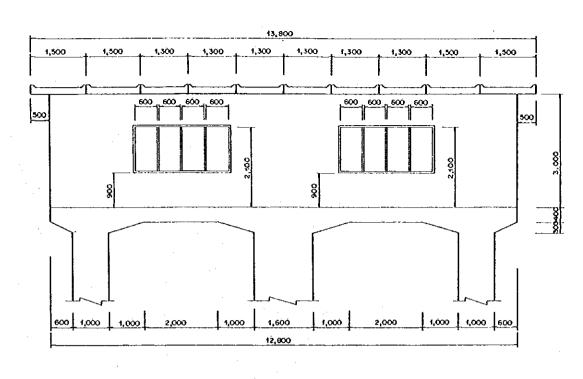




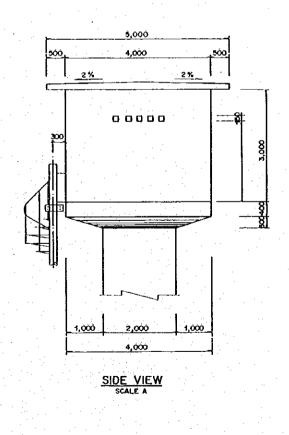


PLAN OF ROOF





BACK VIEW



SCALE A 0 0.5 2.5 5.0 m

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THE REPUBLIC OF INDONESIA

MERSTEY OF PUBLIC WORKS

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FROMET NAME
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TO THE PUBLIC OF STATEMENT STATEMENT
THE PUBLIC OF STATEMENT
SEMARAND IN THE REPUBLIC OF SECURITY
THE PUBLIC OF SCORES

SEMARAND CITY

SEMARAND CITY

DRAWING NO. U-P2-6-61-2

DRAWING NO. U-P2-6-61-2

ASIN PUMPING STATION GATE

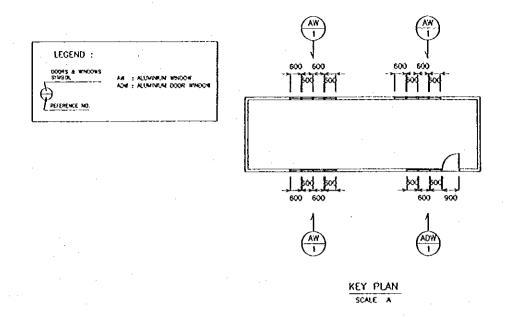
ND ELEVATION OF CONTROL HOUSE

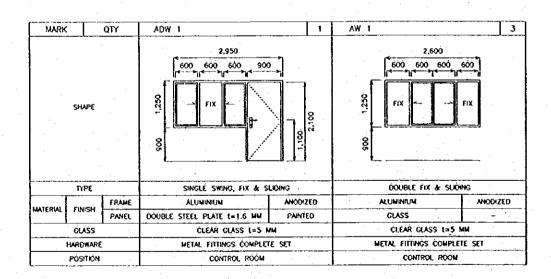
SWETTION. 173

DESTRUCTION. 173

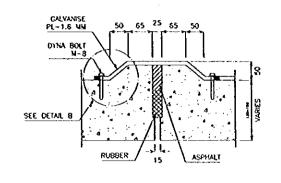
CHACLED THE CONTRACT NO. 173

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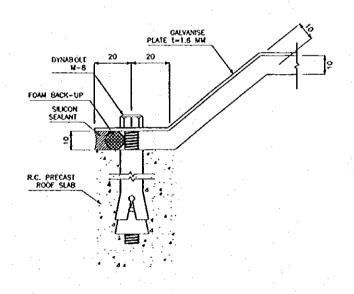




DOOR WINDOW SCHEDULE
SCALE 8



DOOR WINDOW SCHEDULE SCALE C

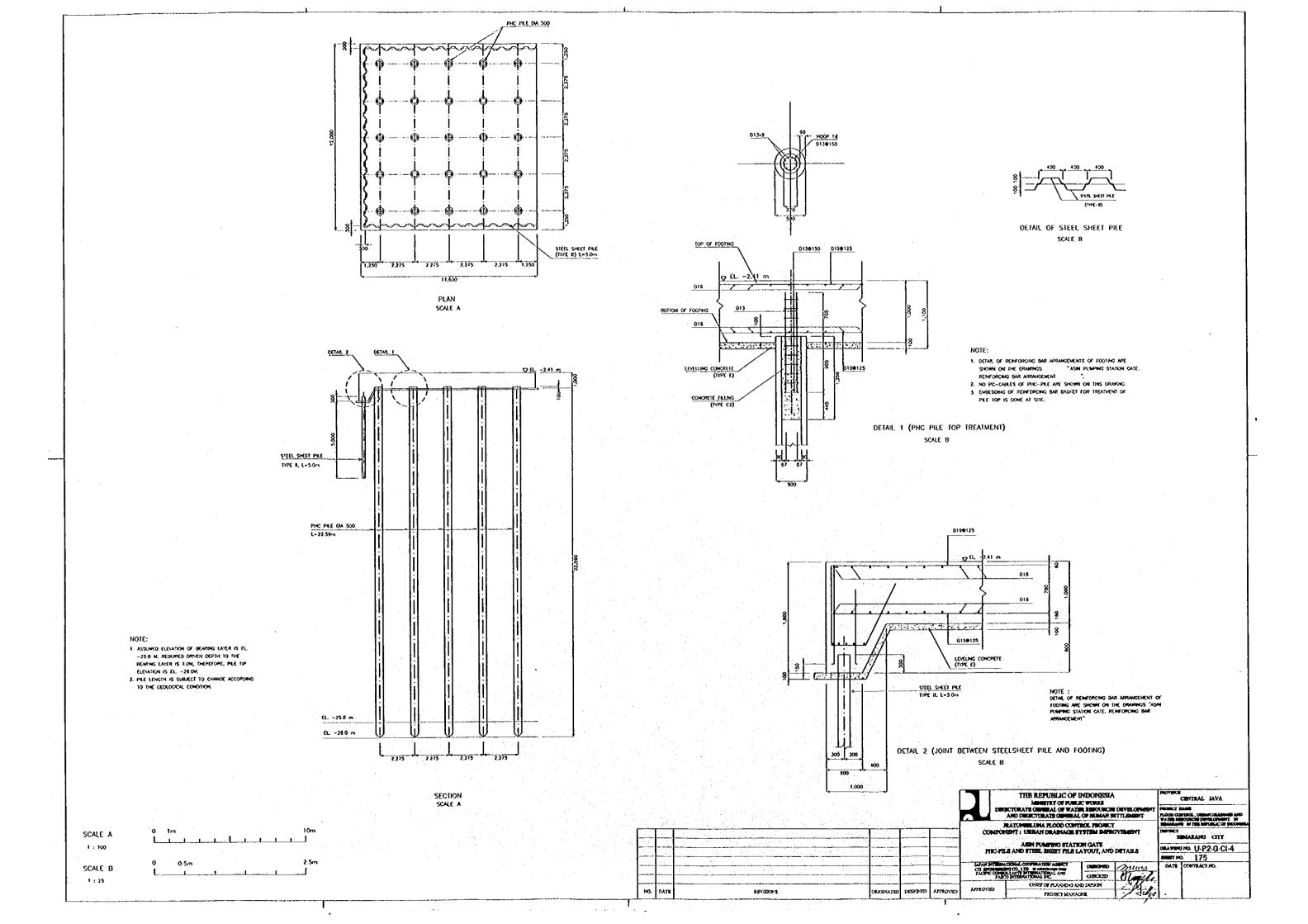


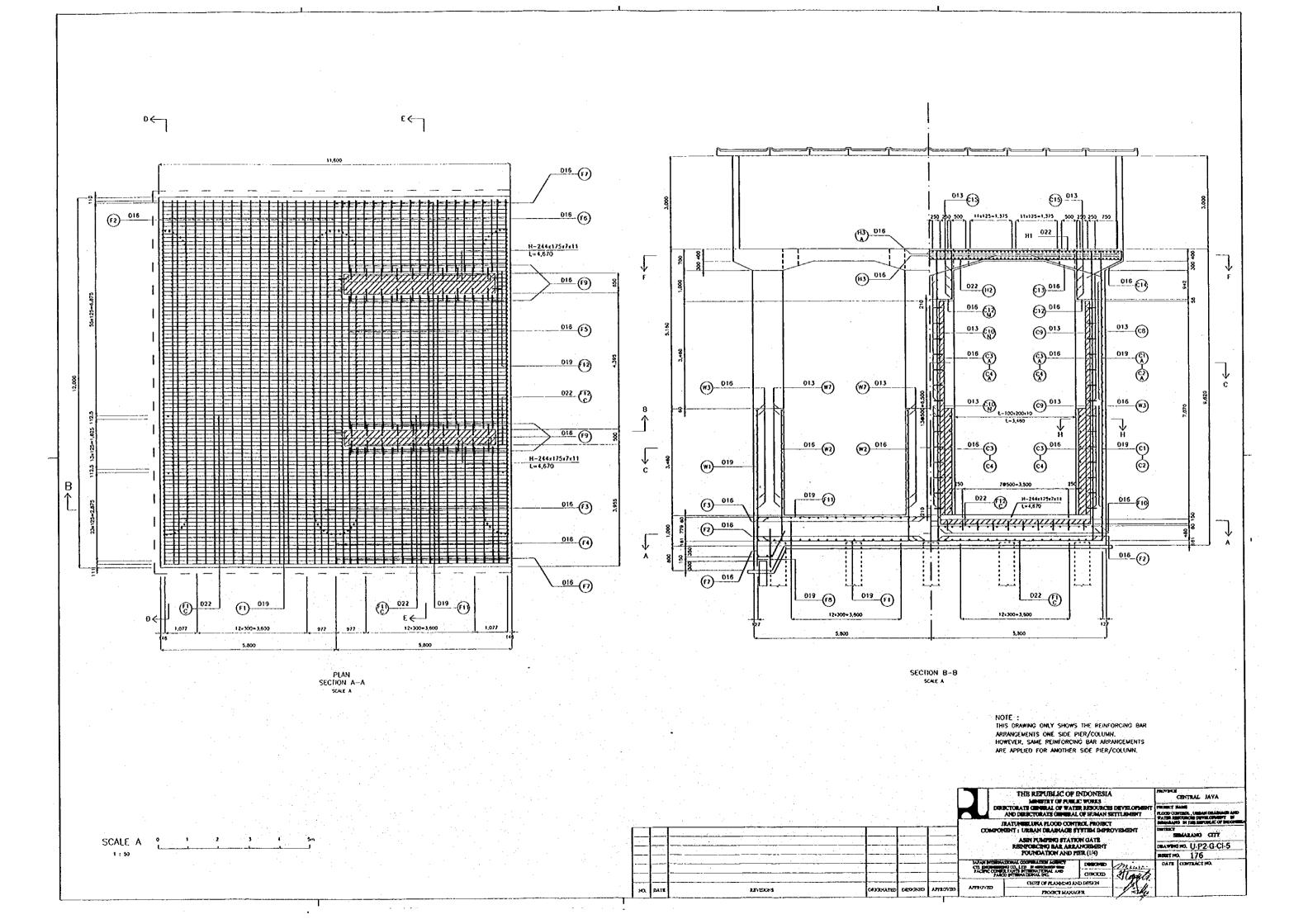
DETAIL B

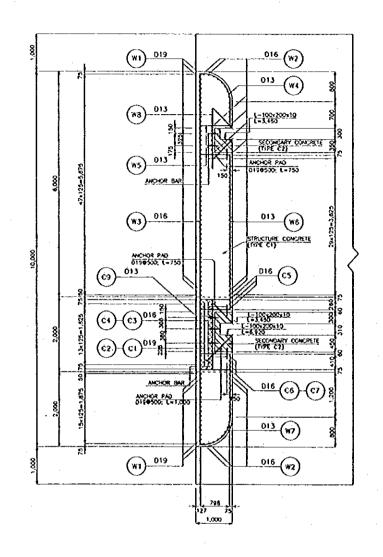
SCALE A	0m	5m	10m
1 : 100	100000		
SCALE B	0m 	25m	\$m J
SCALE C	Om Listandarkiskiskiskiskiskiskiskiskiskiskiskiskisk	0 25m 	0.5m
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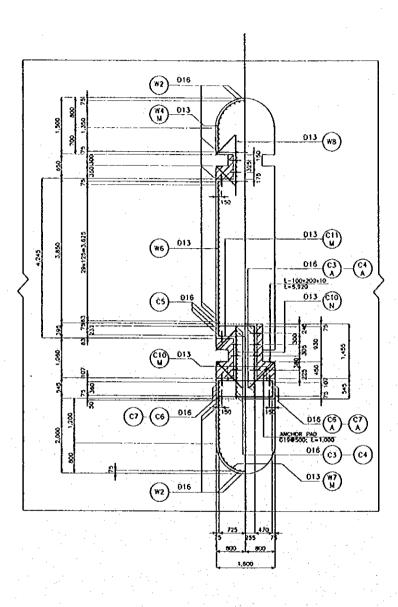




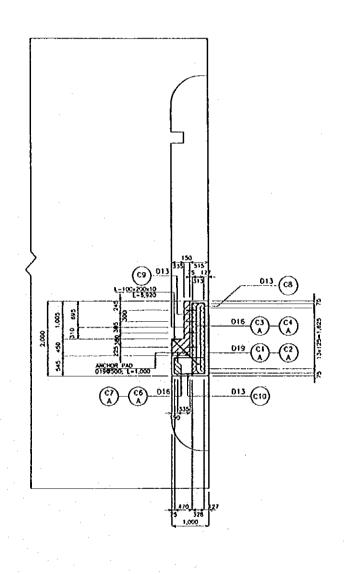




SECTION G-G SCALE A



SECTION C-C



SECTION H-H

NOTE: This drawing only shows the reneorcing bar arrangements for left side per/column. However, same reneorcing bar arrangements

ARE APPLIED FOR RIGHT SIDE PIER/COLUMN.

NO. DATE REVISIONS CHOCKATED DESPENDED APPROVED A

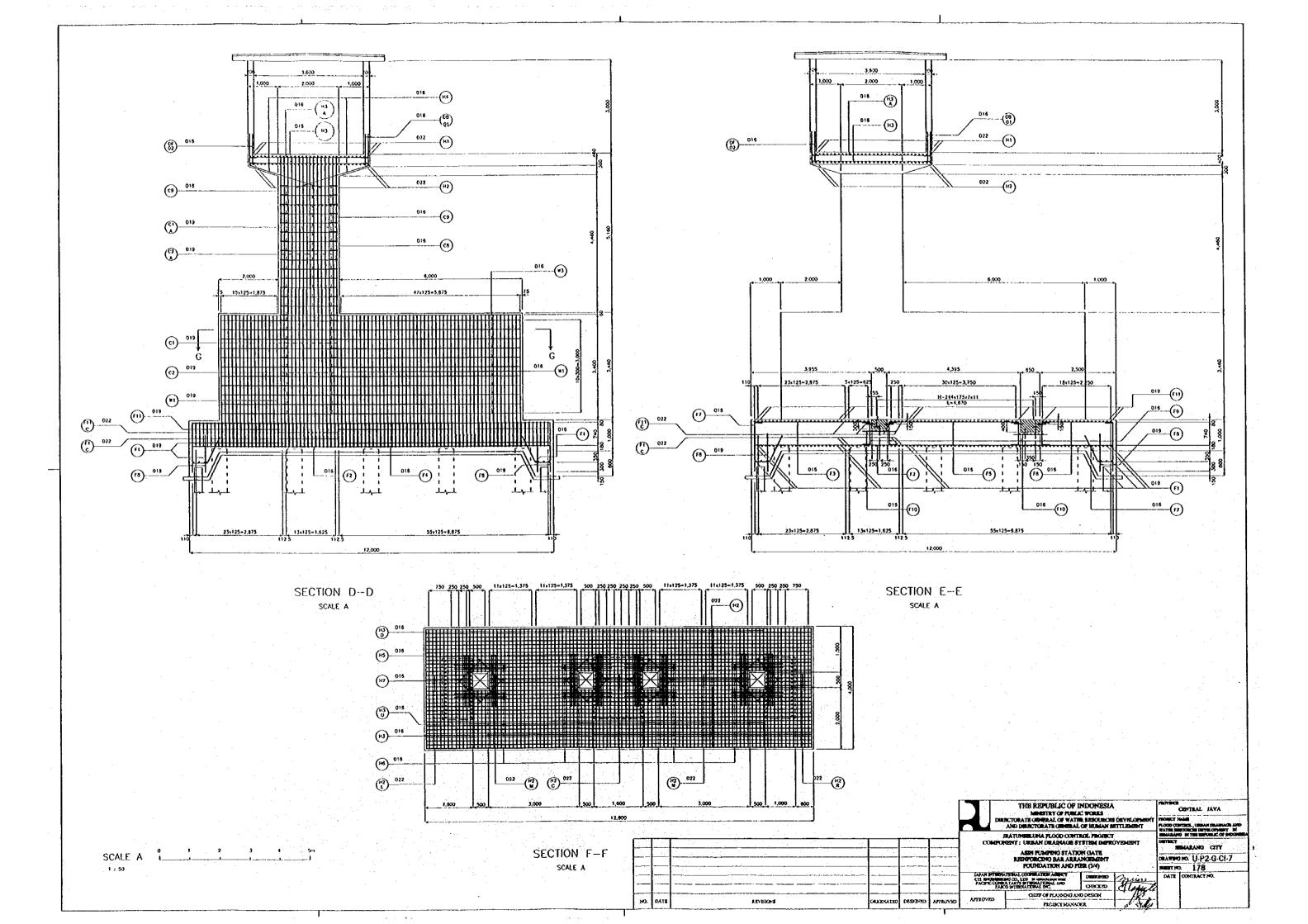
THE REPUBLIC OF INDONESIA
MENETRY OF FUNIL'S WORKS
DESCRIPTION OF FUNIL'S WORKS
DESCRIPTION OF FUNIL'S WORKS
AND DESCRIPTION OF SUMMAN SETTLEMENT
BATUNESILARA FLOOD CONTROL PROBECT
—*COMMONEST: URBAN DESCRIPTION DESCRIPTIO

ASIN PLANTING DATA SHARM BARTOVENERT SEMARANG CITY

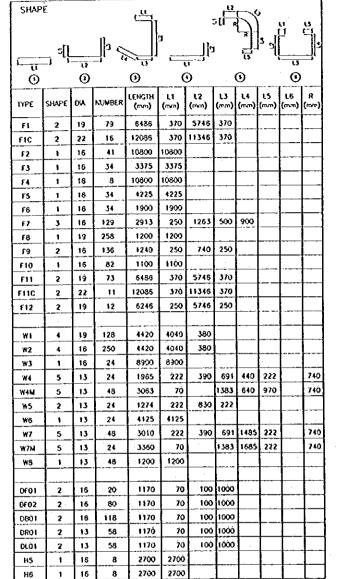
ASIN PLANTING DATA SHARM GATE

RESPRONCING BAR AREAN REBERT DEATH OF THE CONTRACT HAS DESCRIBED TO THE C

SCALE A 0 1 2 3 4 5m 1:50



BAR BENDING SCHEDULE



BAR WEIGHT

TYPE	DUA (mm)	LENGTH (mm)	NUMBÉR	WEIGHT PER "W" (kg)	WEICHT FER "BAR" (kg)	(r3) MEXCHI	SHAPE
F1	19	5486	- 79	2.23	14.464	1143	
FIC	22	12085	16	2.98	36.016	578	
Ł5	16	10800	41	1.58	17.064	700	
F3	16	3375	34	1.58	5.333	181	
F4	16	10800	8	1.58	17.064	137	
F5	16	4225	34	1.58	6.676	227	
F6	16	1900	34	1.58	3.002	102	
£7	16	2913	123	1.58	4.603	594	
£8	19	1200	258	2.23	2.676	690	
F9	16	1240	136	1.58	1.959	266	
FIO	16	1100	82	1.58	1.738	143	
FÜ	19	5486	73	2.23	14,464	1056	
FIIC	22	12086	11	2.98	36.016	395	
£12	19	6245	12	2.23	13.929	167	
WI	19	4420	128	2.23	9.857	1262	·
W2	16	4420	250	1.58	6.984	1745	J
W3	16	8900	24	1.58	14.062	337	
W4	13	1965	24	1.04	2,044	49	رنا
W4M	13	3063	48	1.04	3.186	153	
W5	13	1274	24	1.64	1.325	32	
W6	13	4125	24	1.04	4.29	103	Ī
W7	13	3010	48	1.04	3.13	150	
₩7₩	13	3360	24	1.04	3.494	84	
:WB	13	1200	43	1.04	1.248	60	
			i			1	
DFOI	16	1170	20	1.58	1.849	37	
OF02	16	1170	80	1.58	1.849	148	
0901	16	1170	118	1.58	1.849	218	
DR01	13	1170	58	1.04	1.217	71	
DLO1	13	1170	58	1.04	1.217	71	
H5	16	2700	8	1.58	4.266	34	
Н6	16	2700	8	1.58	4.266	34	

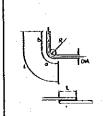
BAR BENDING SCHEDULE

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	5[]		þ]	143 L		5	لِــــ]:		5
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Ö		Ō		0		Ó		0		0	
TYPE	SHAPE	DIA	NUMBER	LÉNGIH (mm)	(mm) El ·	L2 (mm)	L3 (mm)	է 4 (ուռո)	L5 (mm)	[6 (mm)	R (mm)
CI	4	19	16	5112	4890	225					
C2	1	19	16	5912	5690	222					
CIA	1	19	16	4900	4900		i				
CZA	1	19	16	4100	4100						
Ċ3	4	16	34	5158	4890	258					
C4	4.	16	34	5958	5690	263					
Ċ3A	1	16	34	4900	4900				L		_
C4A	1	16	34	4100	4100		<u> </u>				L.
Ċ5	4	16	12	4420	4040	380		<u> </u>			
C6	4	16	8	5220	4890	330				ļ	
C7	4	16	8	6020	5690	330	<u> </u>	ļ	<u> </u>	<u> </u>	
C6A	1	16	8	4900	4900		ļ	L.			
Ċ7A	1	15	8.	4103	4100		l		·	<u> </u>	ㄴ
Ċ8	1	13	28	1900	1900	ļ	_			L	ļ
C9	Ĝ.	13	52	3015	222	345	1881	345	222		
CIO	6	13	52	2529	222	830	425	830	222	<u> </u>	<u> </u>
CION	8	13	27	3970	1480	425	80			<u> </u>	<u> </u>
CION	8	13	27	4936	1880	508	80	ļ			ļ
Ç11	5	13	24	2379	222	830	275	830	222	ļ	L:
CHIM	8	13	27	3670	1480	275	80	<u></u> _	<u> </u>		<u> </u>
C12	2	16	32	2613	222	801	1590	ļ	<u> </u>	Ļ	ļ
Ć12N	2	16	16	4580	1590	1450	1540		<u> </u>	L	
C13	1	16	32	2500	2500	<u> </u>	↓	ļ		1	<u> </u>
C13M	1 1	16	32	2800	2800	1	<u> </u>	ļ	<u> </u>	<u> </u>	1
C14	7	16	32	1610	310	1300	<u> </u>	ļ	<u> </u>		↓
C15	2	13	8	3540	830	1880	830		<u> </u>		ļ_
	<u> </u>	<u> </u>						<u> </u>	ــــــــــــــــــــــــــــــــــــــ	<u> </u>	↓_
Ht	6	22	28	756Ò	120	115	7090	115	120	I	1_
HIL	6	22	5	1960	120	+	1490	115	1	_	-
HIM	6_	22	5	3360	120	115	2830	115	1		-
HIR	6	22	5	1960	120	115	1	115	<u> </u>		
HJA	6	15	51	4248	80	99	1	99	1	+-	+-
HJAU	6	16	9	2248	80	99	+-	1	-	-	╀-
HJAD	6	16	9	1748	80	99	1	99	+	-	╁-
H2	6	22	28	7560	120	+	7090	-	 	+	₩
H2L	6	22	5	1960	120		1490	+	1	+	1
H2M	6	22	5	3360	120	1	2890	1	1		+
H2R	6	22	5	1960	120	100.00	1490	1	-	_	1
Н3	6	16	51	4248	80	-	3890	_	1	-	╀
H3U	6	16	9	2248	80	-	1890	1		+	1
H30	6	16	9	1748	80	-1	1390	99	80	+	╀
H4	7	16	32	2700	200	2500	Щ.		ل	Ц_	ֈ
* .	100		1.7								

BAR WEIGHT

TYPE	QIA (mm)	LENGTH (mm)	NUMBER	WEIGHT PER "N" (kg)	WEIGHT PER "BAR" (Ng)	WEIGHT (tg)	SHAPE
C1	19	5112	15	2.23	11,4	182	
CS	19	5912	16	2.23	13.184	211	
CIA	19	4900	16	2.23	10.927	175	
CZA	19	4100	15	2.23	9,143	146	
C3	16	5153	34	1.58	8.15	277	
C4	16	5958	34	1.58	9,414	320	
C3A	16	4900	34	1.58	7.742	263	
C4A	16	4100	34	1.58	6,478	220	
C5	16	4420	12	1.58	6.984	84	
C6	16	5220	8	1.58	8.248	66	
C7	16	6020	8	1.58	9.512	76	
C6A	16	4900	8	1,58	7,742	62	
C7A	16	4100	8	1.58	6.478	52	
			28	1.ò4	1.976	55	
C8 -	13	1900		1.04	3.136	163	<u></u>
C9	13	3015	52		2.63	137	╁╴╴
CIO	13	2529	52	1.04	4,129	111	
CIOM	13	3970	27	1.04	5.133	139	
CION	13	4936	27	1.04		59	
CII	13	2379	24	.1.04	2,474	1	┞┾══
CIIM	13	3670	27	1.04	3.817	103	
C12	16	2613	32	1.58	4.129	132	
C12M	16	4580	16	1.58	7.236	115	<u> </u>
C13	16	2500	32	1.58	3.95	126	
C13M	16	2800	32	1.58	4.424	142	
C14 .	16	1610	32	1.58	. 2.544	81	
C15	13	3540	8	1.04	3.682	29	L
,						<u> </u>	
Hi	22	7560	28	2.98	22.529	631	
HIL	22	1950	5	2.98	5.841	29	
HIM	22	3360	5	2.98	10,013	50	<u> </u>
HIR	22	1960	5	2.98	5.841	29	<u></u>
H3A	16	4248	51	1.58	6.712	342	[
H3AU	16	2248	9	1.58	3.552	32	
H3AD	16	1748	9	1.58	2.762	25	
H2	22	7560	28	2.98	22.529	631	[<u>[</u>
H2Ł	55	1960	5	2.98	5.841	29	<u></u>
HZM	22	3360	5	2.98	10.013	50	
H2R	22	1960	5	2.98	5.841	29	[
Н3	16	4248	51	1.58	6.712	342	<u> </u>
H3U	16	2248	9	1.58	3.552	32	
H3D	16	1748	9	1.58	2.762	25	<u> </u>
H4]	16	2700	32	1.58	4.256	137	<u> </u>
	I^{-}	- [TOTAL		16908	1

BAR BENDING DETAIL



DA o		ь		R		OVERLAP
UA	°	Ü	'	^ [L	WEIGHT (Kg f)
D13	56	156	222	42	455	0.453
016	75	193	268	46	560	0.874
019	94	236	330	60	665	1.496
022	104	272	376	65	770	2.341
D25	122	306	428	78	875	3.483
D29	141	349	490	90	1015	5.116
032	151	385	536	96	1120	6.978

OPENICATED DESPONSO APPROVED

THE REPUBLIC OF INDONESIA MANGETRY OF PUBLIC WORKS SCTURÁTE GENERAL OF WATER RESOURCES DEVELOP AND DESICTURATE GENERAL OF HUMAN SETTLEMEN MATUNIMETRIA PLOOD CONTROL PROMICT NENT : UKBAN DRAMAGE SYSTEM DIETROVI

ASRI PUMPING STATION GATE
RESPRONÇANO BAR ARRANGEMENT
POUNDATION AND PIER (44)-RESPRONCIAS BAR BENDONS SCHEDULE

CHRONICA CHILLIS CHEST OF RANGES (AND DESCRIPTION OF THE CHEST

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