

PEOPLE'S REPUBLIC OF CHINA
FEASIBILITY STUDY
ON
THE CONSTRUCTION PROJECT
OF
WUHAN/TIANHE AIRPORT
DRAFT FINAL REPORT

DRAWINGS

FEB 1990

JAPAN INTERNATIONAL COOPERATION AGENCY





DRAWING LIST (1)

CIVIL WORK

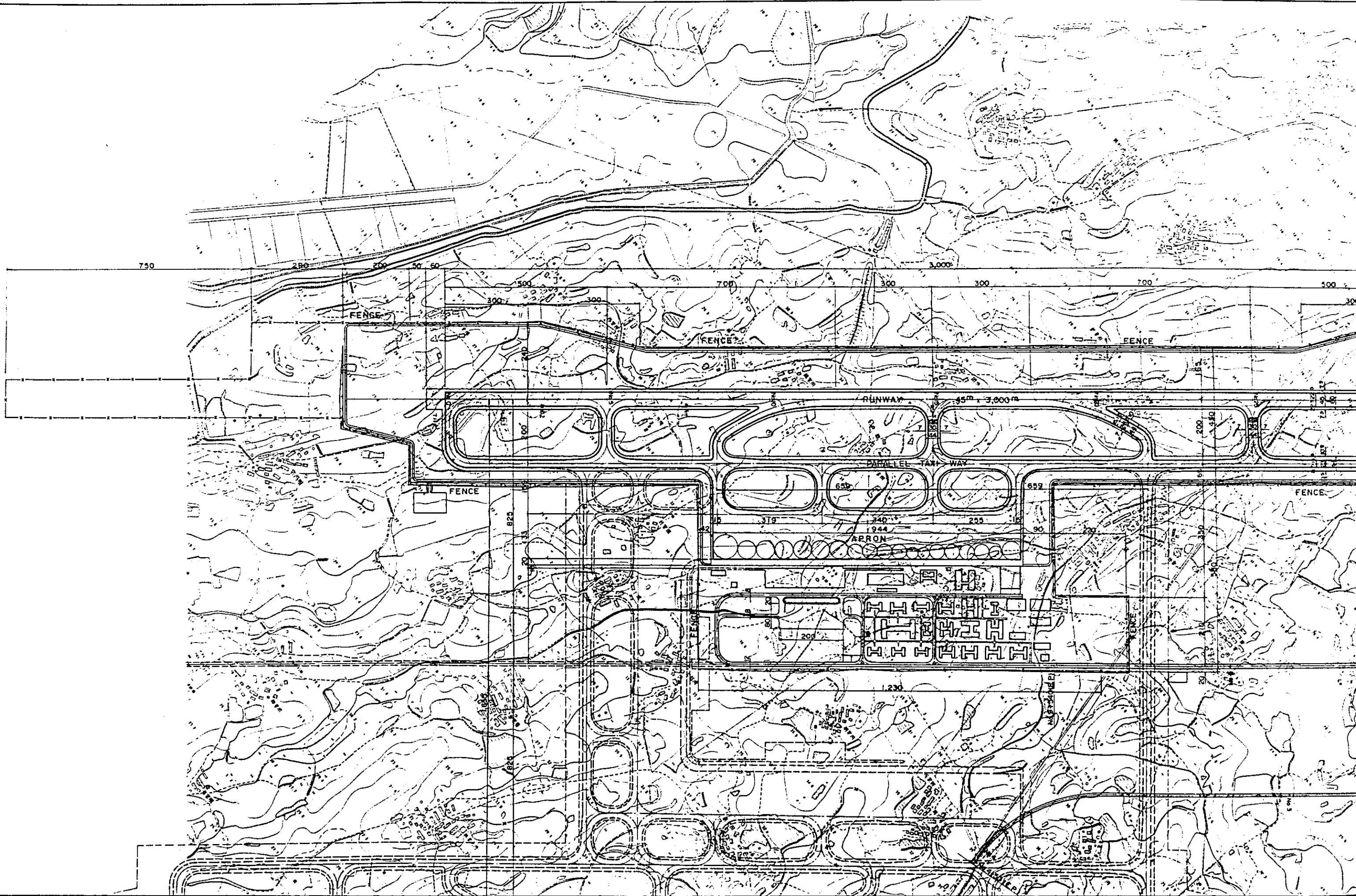
No	T I T L E	SCALE	No	T I T L E	SCALE
C-1	AIRPORT GENERAL PLAN	1:10,000	C-15	CROSS SECTION (AIRPORT) (4/5)	V=1:400 H=1:5,000
C-2	AIRPORT BASIC FACILITY LAYOUT PLAN	1:10,000	C-16	" (5/5)	V=1:400 H=1:5,000
C-3	TERMINAL AREA LAYOUT PLAN	1:5,000	C-17	LAYOUT PLAN(RELATED ROAD)	1:20,000
C-4	MODIFIED RUNWAY LONGITUDINAL PROFILE	V=1:400 H=1:10,000	C-18	INTERCHANGE PLAN	1:2,000
C-5	TYPICAL CROSS SECTION (AIRPORT)	V=1:400 H=1:5,000	C-19	ACCESS ROAD LONGITUDINAL PROFILE	V=1:400 H=1:20,000
C-6	PAVEMENT PLAN	1:10,000	C-20	TYPICAL CROSS SECTION(ACCESS ROAD)	1:100
C-7	TYPICAL CROSS SECTION (PAVEMENT)	AS SHOWN	C-21	CONCRETE STRUCTURES GENERAL VIEW(ACCESS ROAD)	AS SHOWN
C-8	DRAINAGE CATCHMENT AREA PLAN	1:10,000	C-22	RELOCATED ROAD TYPICAL CROSS SECTION	1:80
C-9	DRAINAGE PLAN	1:10,000			
C-10	DRAINAGE STRUCTURES GENERAL VIEW (AIRPORT) - 1	AS SHOWN			
C-11	" - 2	AS SHOWN			
C-12	CROSS SECTION (AIRPORT) (1/5)	V=1:400 H=1:5,000			
C-13	" (2/5)	V=1:400 H=1:5,000			
C-14	" (3/5)	V=1:400 H=1:5,000			

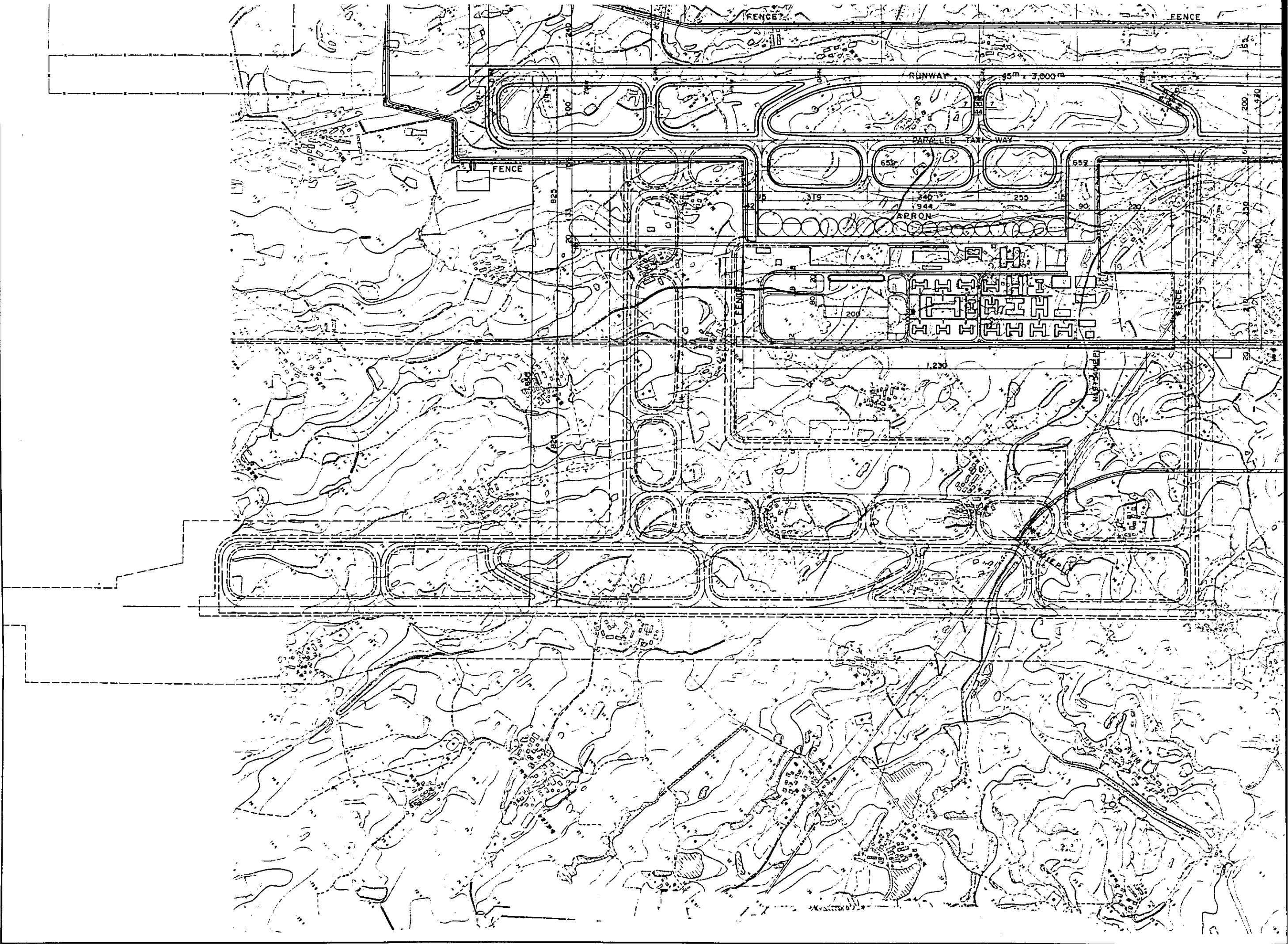
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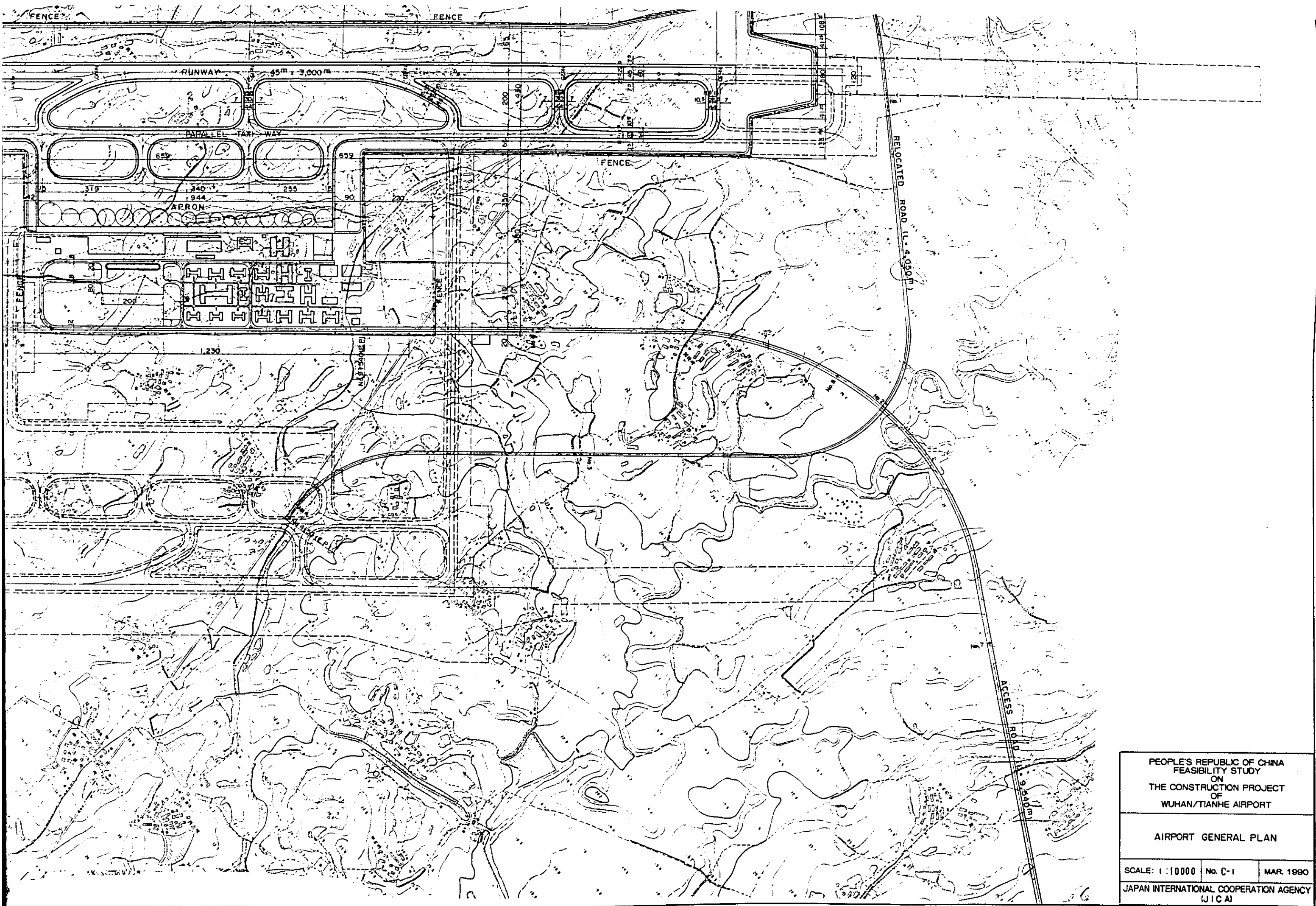
ARCHITECTURAL WORKS

ELECTORIC WORK

No	T I T L E	SCALE	No	T I T L E	SCALE
A-0	TERMINAL AREA LAYOUT PLAN	1:5,000	E-1	LAYOUT PLAN OF AIR NAVIGATION FACILITIES	1:10,000
A-1	PASSENGER TERMINAL BUILDING 1 ST. FLOOR PLAN	1:1,000	E-2	AIR NAVIGATION SYSTEM DIAGRAM	
A-2	PASSENGER TERMINAL BUILDING 2 ND. FLOOR PLAN	1:1,000	E-3	TRANSMISSION AND DISTRIBUTION DIAGRAM	
A-3	PASSENGER TERMINAL BUILDING 3 RD. FLOOR PLAN	1:1,000	E-4	SIMPLE LINE DIAGRAM	
A-4	PASSENGER TERMINAL BUILDING ELEVATIONS	1:1,000			
A-5	CARGO TERMINAL BUILDING FLOOR PLAN AND ELEVATIONS	1:600			
A-6	AIRCRAFT MAINTENANCE FACILITY FLOOR PLANS	1:600			
A-7	AIR TRAFFIC CONTROL TOWER/ METEOROLOGICAL BUILDING PLANS AND ELEVATIONS	1:600			
A-8	ADMINISTRATION BUILDING (A/A) FLOOR PLANS	1:400			
A-9	RESCUE AND FIRE-FIGHTING/CATERING FACILITY FLOOR PLANS	1:400/ 1:600			
A-10	ADMINISTRATION BUILDING (A/L) FLOOR PLANS	1:400			
A-11	DOWNTOWN STAFF HOUSING FLOOR PLANS	1:300			
A-12	DOWNTOWN TICKETTING OFFICE FLOOR PLANS AND ELEVATION	1:400			



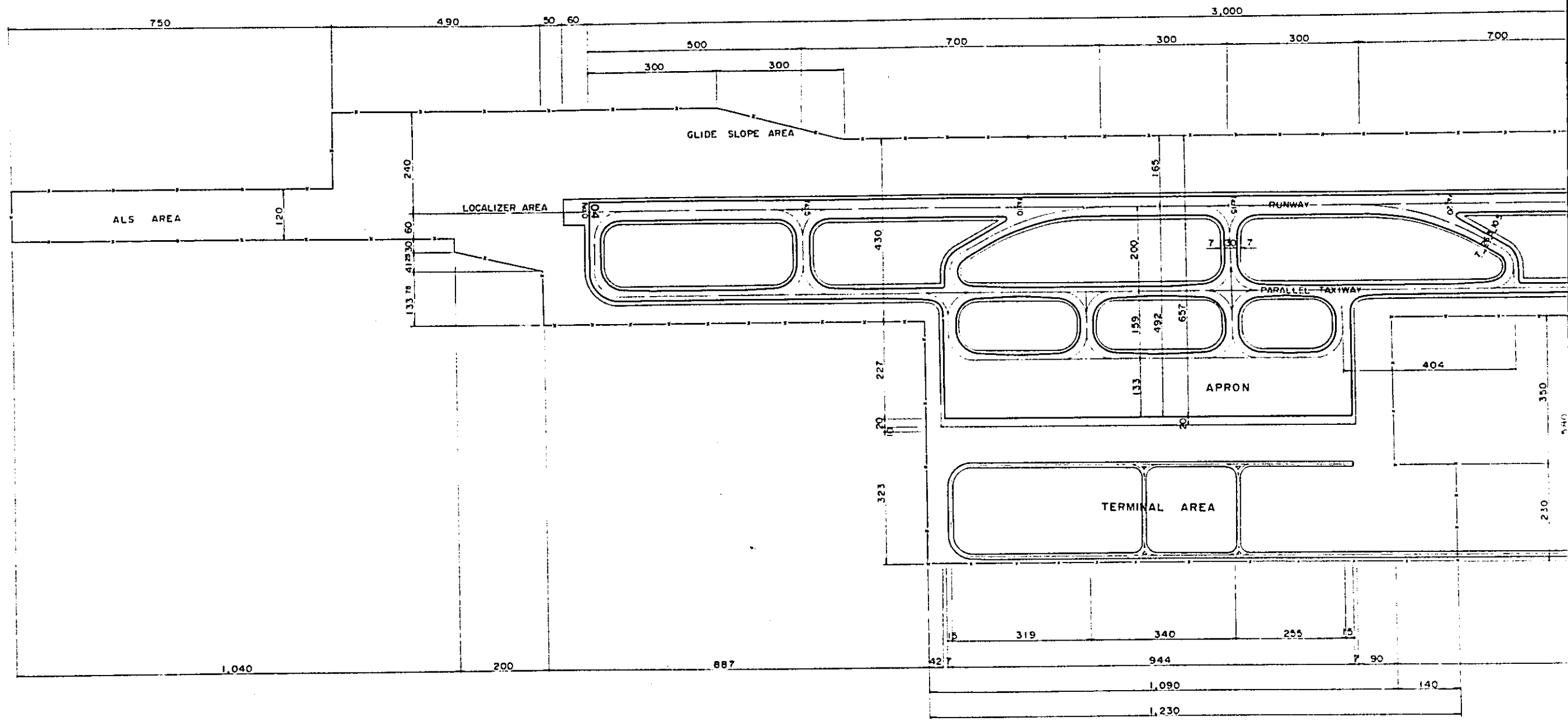


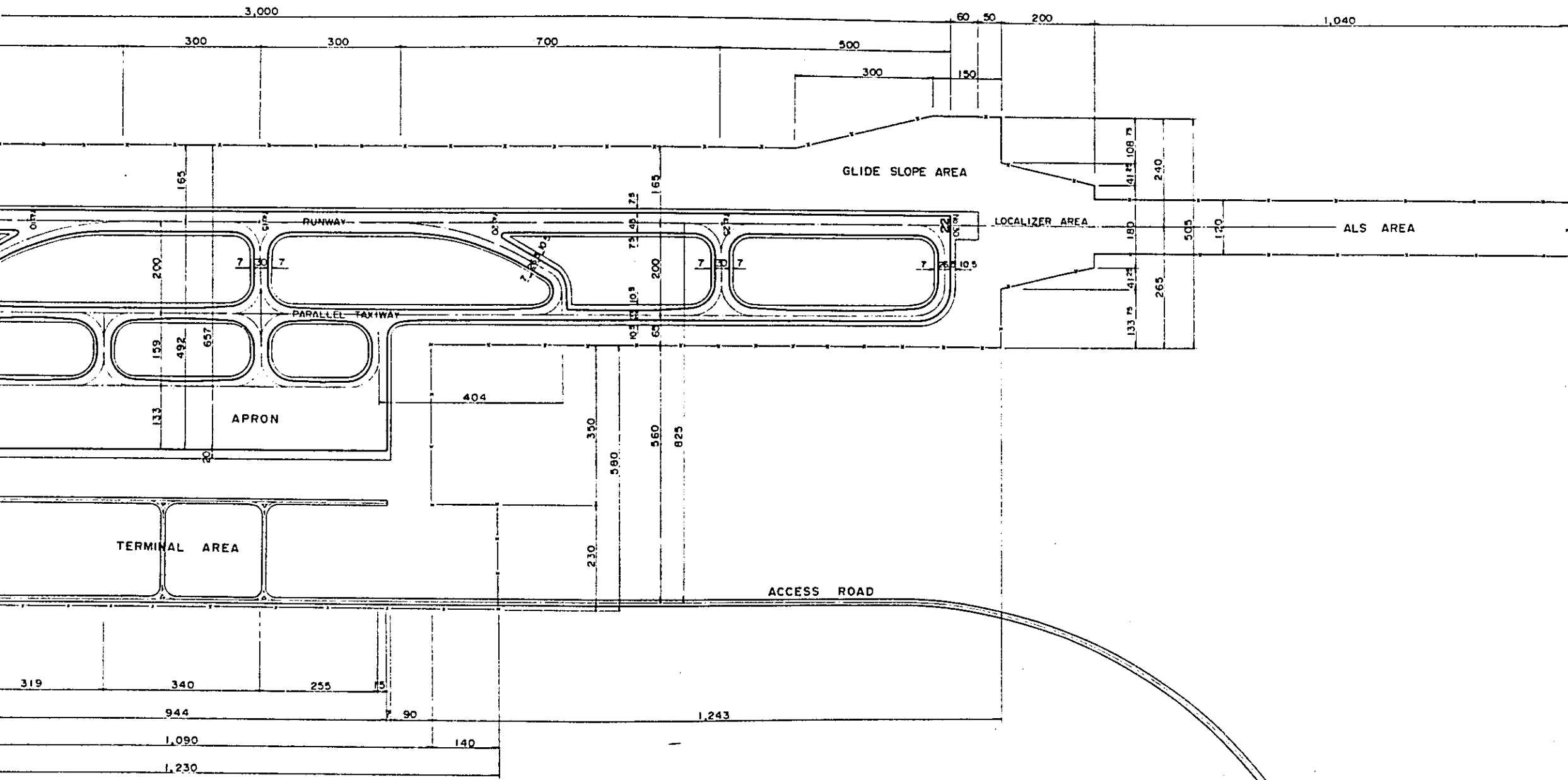


PEOPLE'S REPUBLIC OF CHINA
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AIRPORT GENERAL PLAN

SCALE: 1:10000 No. C-1 MAR. 1990
 JAPAN INTERNATIONAL COOPERATION AGENCY
 (JICA)





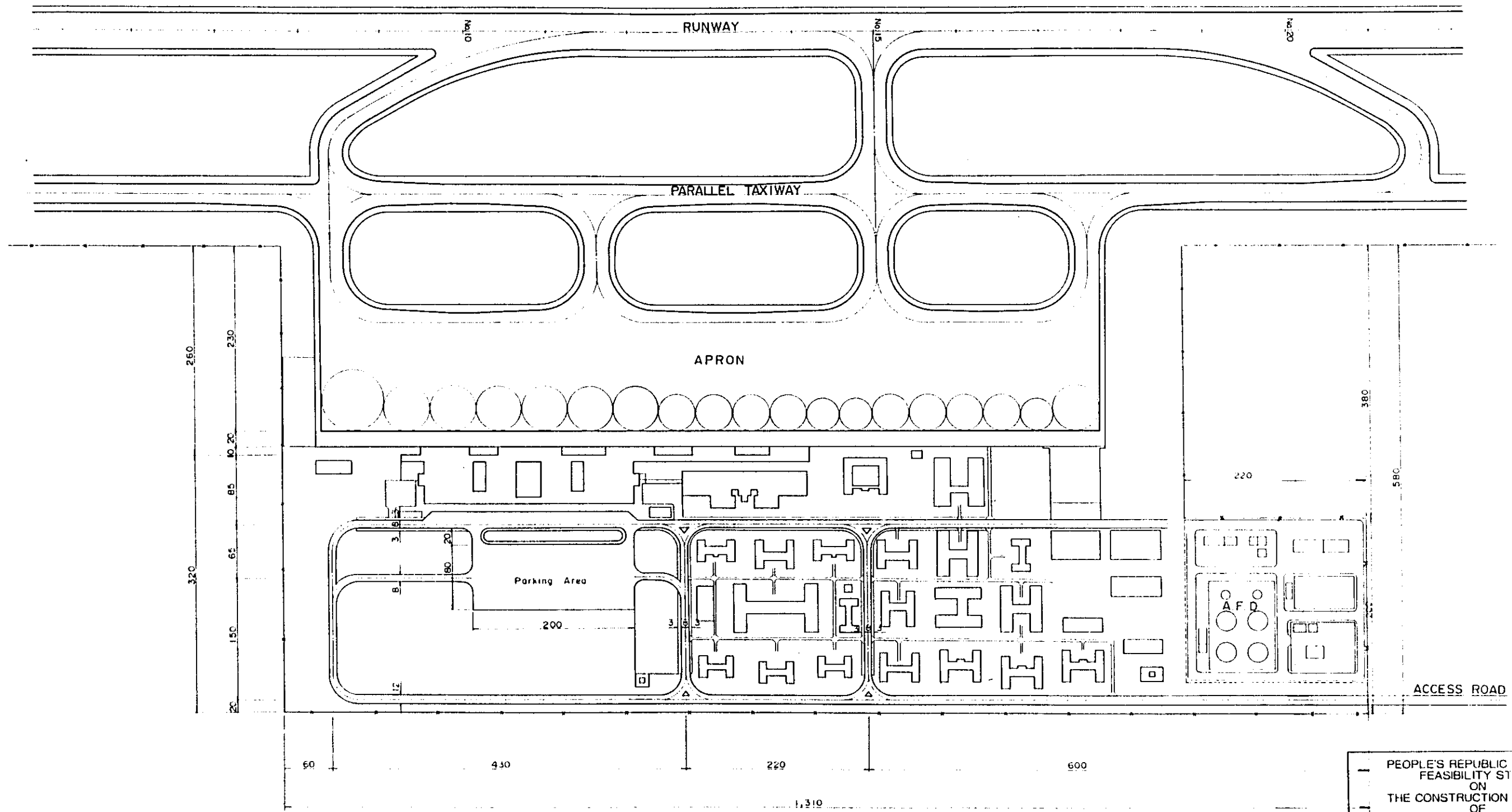
PEOPLE'S REPUBLIC OF CHINA
 FEASIBILITY STUDY
 ON
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 OF
 WUHAN/TIANHE AIRPORT

AIRPORT BASIC FACILITY LAYOUT PLAN

SCALE: 1:10000 No. C-2 MAR. 1990

JAPAN INTERNATIONAL COOPERATION AGENCY
 (JICA)

TERMINAL AREA LAYOUT PLAN S=1:5000

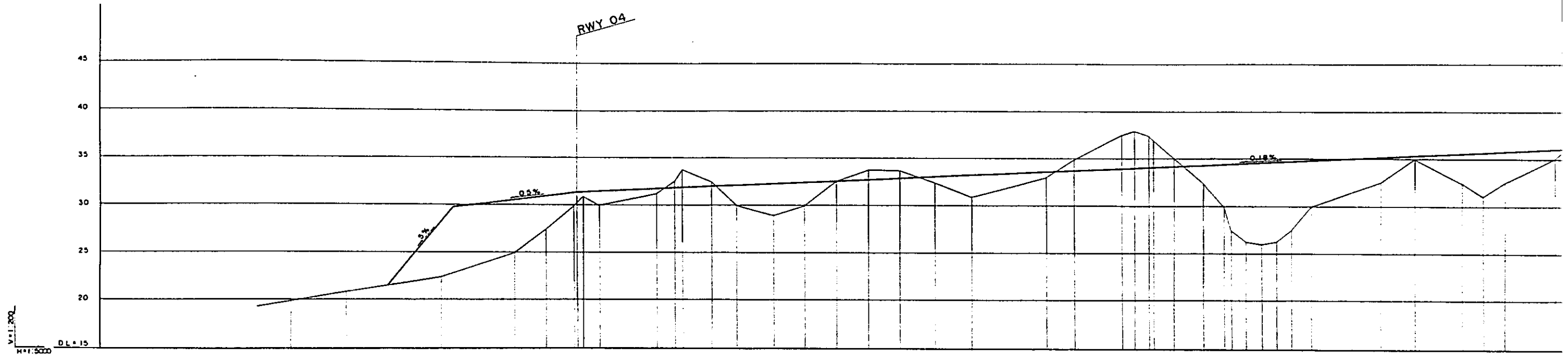


PEOPLE'S REPUBLIC OF CHINA
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TERMINAL AREA
 LAYOUT PLAN

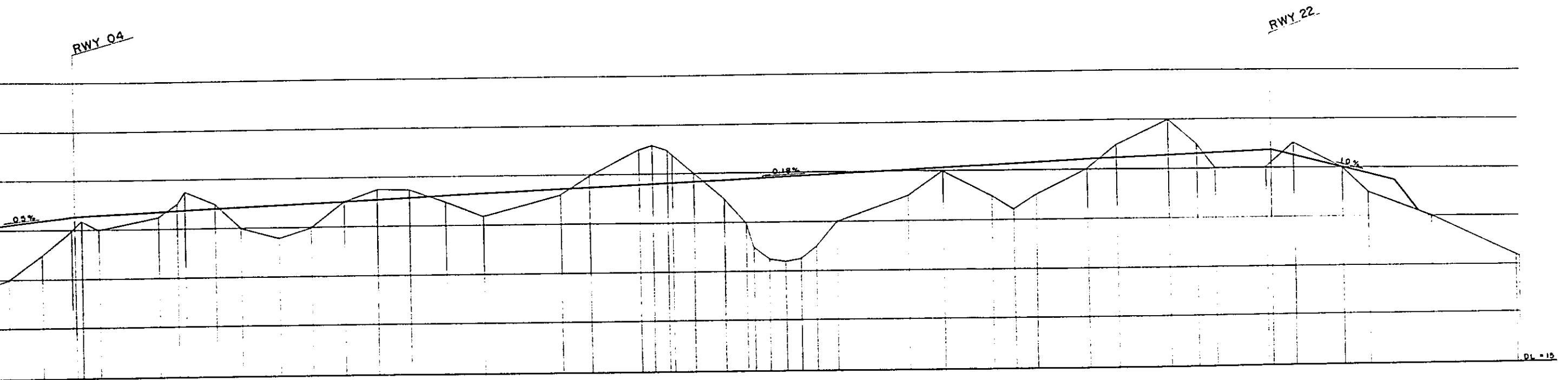
SCALE: 1:5000 No 3 MAR 1990
 JAPAN INTERNATIONAL COOPERATION AGENCY
 (JICA)

MODIFIED RUNWAY LONGITUDINAL PROFILE



No	SECTION DISTANCE	ACCELERATE DISTANCE	GROUND ELEVATION	PLANNING ELEVATION
No 7-42	142 000	742 000	20 00	
No 6	246 000	600 000		
No 3-34	192 000	354 000	22 50	
No 1-62	82 000	162 000	25 00	
No 0-80	72 000	80 000	27 50	
No 0-8	8 000	8 000	30 00	
No 0-16	16 000	16 000	31 00	31.35
No 0-40	44 000	60 000	30 00	
No 2-8	148 000	308 000	31.25	
No 4-20	48 000	254 000	32 50	
No 4-32	76 000	332 000	32 50	
No 4-115	63 000	415 000	30 00	
No 5-110	95 000	310 000	29 000	
No 5-92	82 000	592 000	30 00	
No 6-75	83 000	675 000	32 50	
No 7-60	85 000	76 0000	33 75	
No 8-42	82 000	842 000	33 75	
No 9-34	92 000	934 000	32 50	
No 10-29	95 000	029 000	31 00	
No 12-25	196 000	1225 000	32 50	
No 13	70 000	1295 000	35 00	
No 14-17	122 000	1417 000	37 50	
No 15	33 000	1450 000	38 00	
No 16	39 000	1486 000	37 50	34.10
No 17	12 000	1500 000		
No 18	53 000	1553 000	35 00	
No 19-29	76 000	1629 000	32 50	
No 20	52 000	1681 000	30 00	
No 21	19 000	1700 000	27 50	
No 22	39 000	1739 000	26 25	
No 23	41 000	1780 000	26 00	
No 24	40 000	1820 000	26 25	
No 25	38 000	1858 000	27 50	
No 26-10	52 000	1910 000	30 00	
No 20-89	179 000	2089 000	32 50	
No 21-76	87 000	2176 000	35 00	
No 23	124 000	2303 000	32 50	
No 24	32 000	2335 000	31 00	
No 25-9	57 000	2409 000	32 50	
No 25-10	131 000	2540 000	35 00	

MODIFIED RUNWAY LONGITUDINAL PROFILE



No. 1+62	82 000	162 000	25 00
No. 0+80	72 000	-80 000	27 50
No. 0+8	8 000	8 000	30 00
No. 0+16	16 000	16 000	31 00
160	44 000	60 000	30 00
31 35			
No. 2+8	148 000	308 000	31 25
154	45 000	254 000	32 50
174	20 000	274 000	33 75
No. 3+22	78 000	332 000	32 50
No. 4+15	63 000	415 000	30 00
No. 5+10	95 000	510 000	29 000
192	82 000	592 000	30 00
No. 6+75	83 000	675 000	32 50
No. 7+60	85 000	760 000	33 75
No. 8+42	82 000	842 000	33 75
No. 9+34	92 000	934 000	32 50
No. 10+29	95 000	1 029 000	31 00
No. 12+25	1 96 000	1 225 000	32 50
195	70 000	1 295 000	35 00
No. 14+17	122 000	1 417 000	37 50
150	33 000	1 500 000	38 00
168	38 000	1 488 000	37 50
No. 15	12 000	1 500 000	
153	53 000	1 553 000	35 00
No. 16+29	76 000	1 629 000	32 50
180	52 000	1 681 000	30 00
No. 17	18 000	1 700 000	27 50
139	39 000	1 739 000	26 25
180	41 000	1 780 000	26 00
No. 18+20	40 000	1 820 000	26 25
158	38 000	1 858 000	27 50
No. 19+10	52 000	1 910 000	30 00
No. 20+89	179 000	2 089 000	32 50
No. 21+76	87 000	2 176 000	35 00
No. 23	124 000	2 300 000	32 50
132	52 000	2 352 000	31 00
No. 24+9	57 000	2 409 000	32 50
No. 25+40	131 000	2 540 000	35 00
No. 26+12	72 000	2 612 000	37 50
No. 27+42	130 000	2 742 000	40 00
No. 28+12	70 000	2 812 000	37 50
156	46 000	2 858 000	35 00
No. 29+89	131 000	2 989 000	35 00
No. 30	11 000	3 000 000	
160	60 000	3 060 000	37 50
No. 31+85	125 000	3 185 000	35 00
No. 32+32	67 000	3 252 000	32 50
No. 34+18	166 000	3 418 000	30 00
No. 36+33	217 000	3 635 000	26 20
140	5 000	3 640 000	
34 10			
36 85			

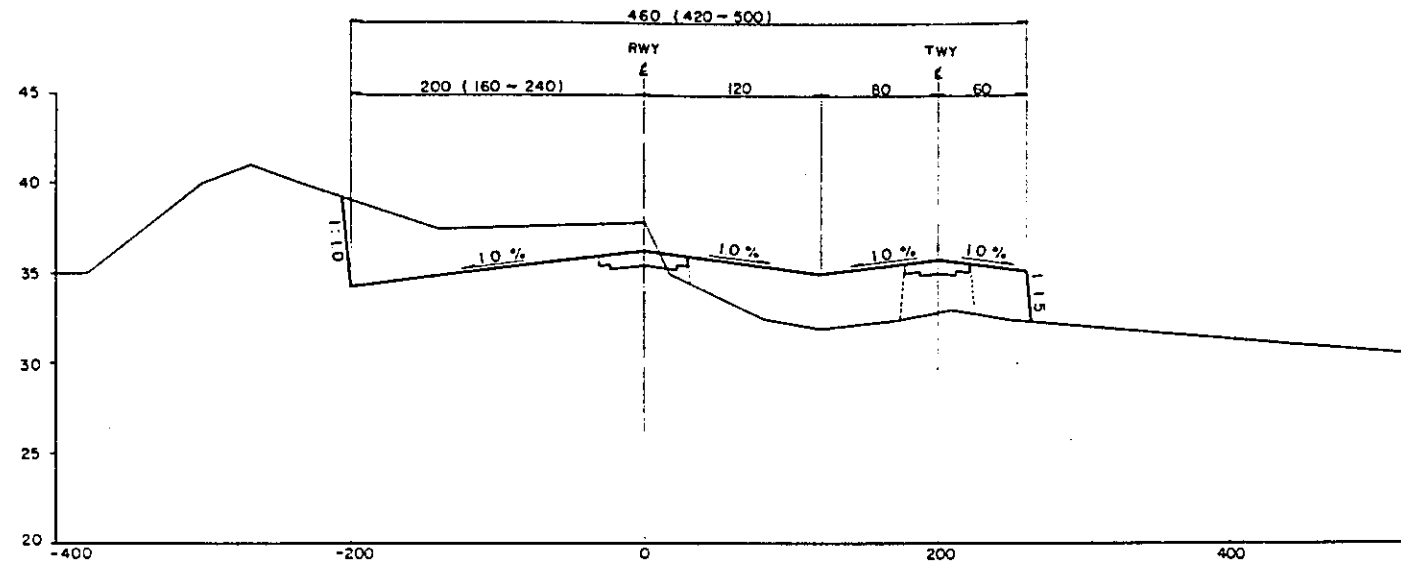
PEOPLE'S REPUBLIC OF CHINA
FEASIBILITY STUDY
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MODIFIED RUNWAY LONGITUDINAL PROFILE

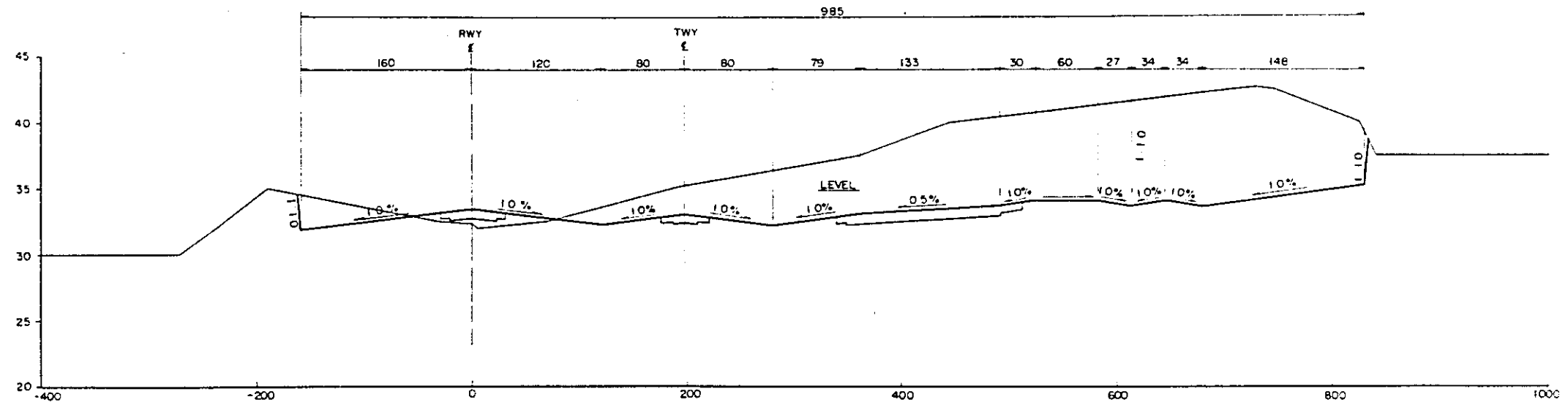
SCALE: V = 1:400 H = 1:1000	No. C-4	MAR 1990
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		

TYPICAL CROSS SECTION (AIR PORT)
 V=1:400
 H=1:5000

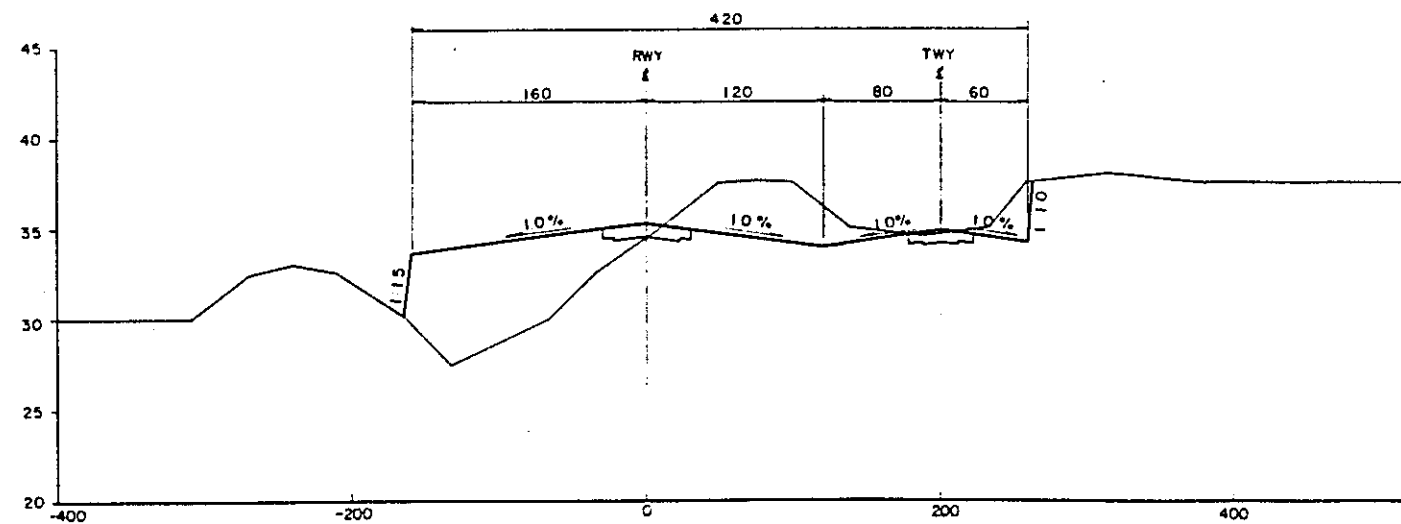
GLIDE SLOPE AREA (NO.28)



APRON, TERMINAL AREA (NO.12)



NORMAL AREA (NO.22)



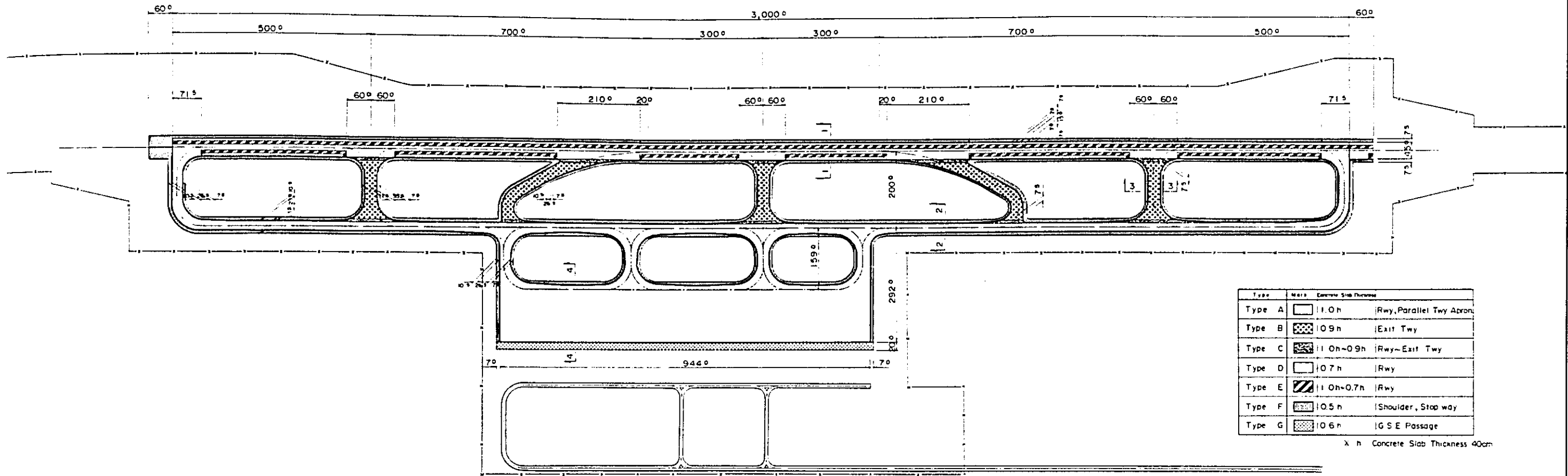
PEOPLE'S REPUBLIC OF CHINA
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TYPICAL CROSS SECTION
 (AIRPORT)

SCALE: 1:400 | No C-5 | MAR. 1990
 1:5000

JAPAN INTERNATIONAL COOPERATION AGENCY
 (JICA)

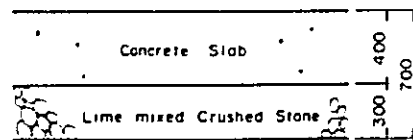
PAVEMENT PLAN s = 1:10,000



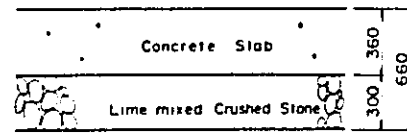
Type	Mark	Concrete Slab Thickness
Type A	[Symbol]	1.0h (Rwy, Parallel Twy Apron)
Type B	[Symbol]	0.9h (Exit Twy)
Type C	[Symbol]	1.0h-0.9h (Rwy-Exit Twy)
Type D	[Symbol]	1.07h (Rwy)
Type E	[Symbol]	1.0h-0.7h (Rwy)
Type F	[Symbol]	1.05h (Shoulder, Stop way)
Type G	[Symbol]	1.06h (G S E Passage)

x h Concrete Slab Thickness 40cm

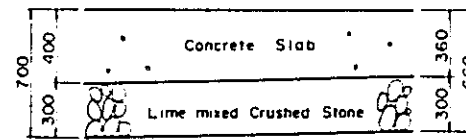
Type - A



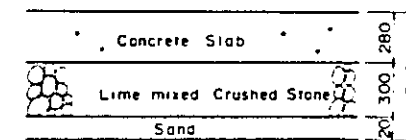
Type - B



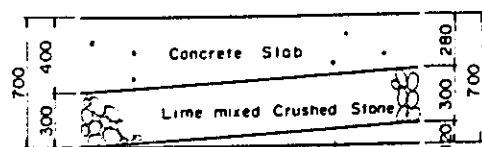
Type - C



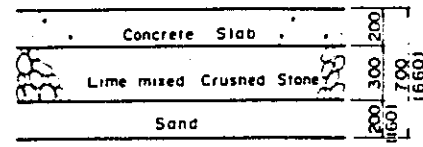
Type - D



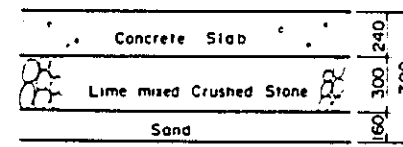
Type - E



Type - F



Type - G



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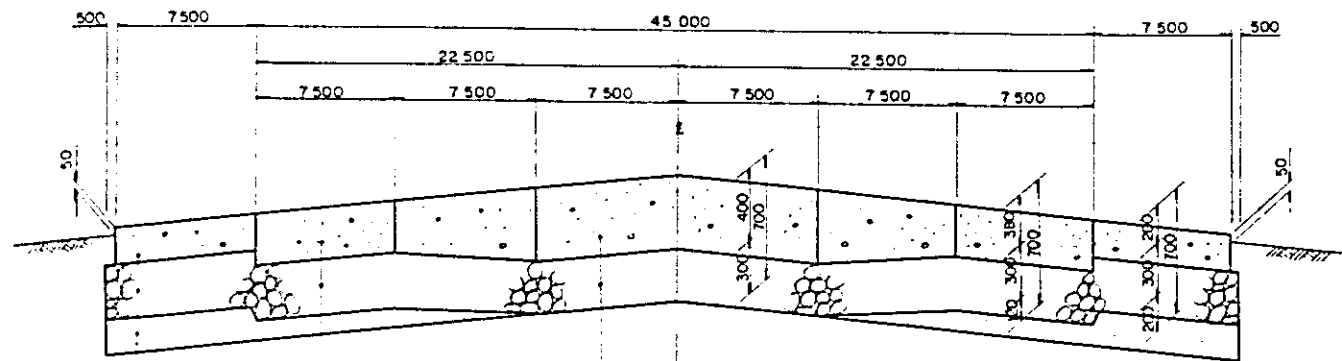
PAVEMENT PLAN

SCALE 1:10,000 | No C-6 | MAR. 1990
JAPAN INTERNATIONAL COOPERATION AGENCY
JICA

TYPICAL CROSS SECTION

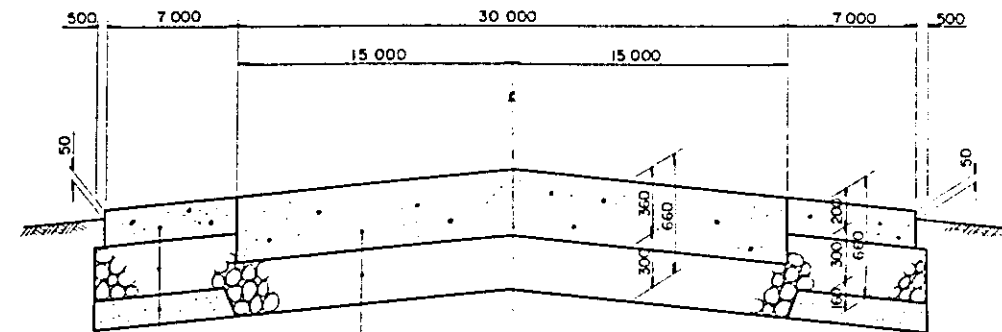
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H = 1:400

SECTION 1-1



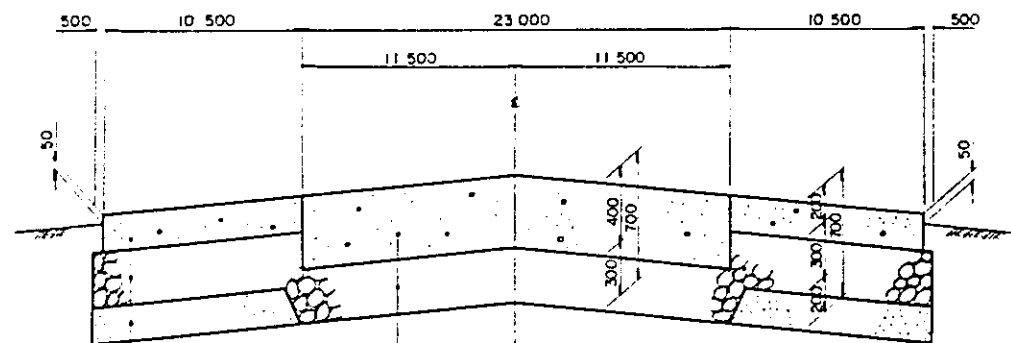
Concrete Slab
Lime mixed Crushed Stone
Sand

SECTION 3-3



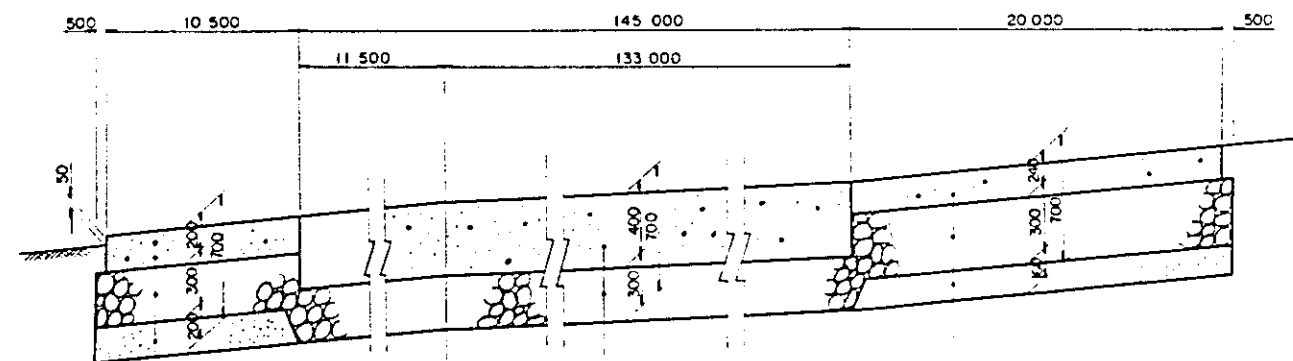
Concrete Slab
Lime mixed Crushed Stone
Sand

SECTION 2-2



Concrete Slab
Lime mixed Crushed Stone
Sand

SECTION 4-4



Concrete Slab
Lime mixed Crushed Stone
Sand

Concrete Slab
Lime mixed Crushed Stone
Sand

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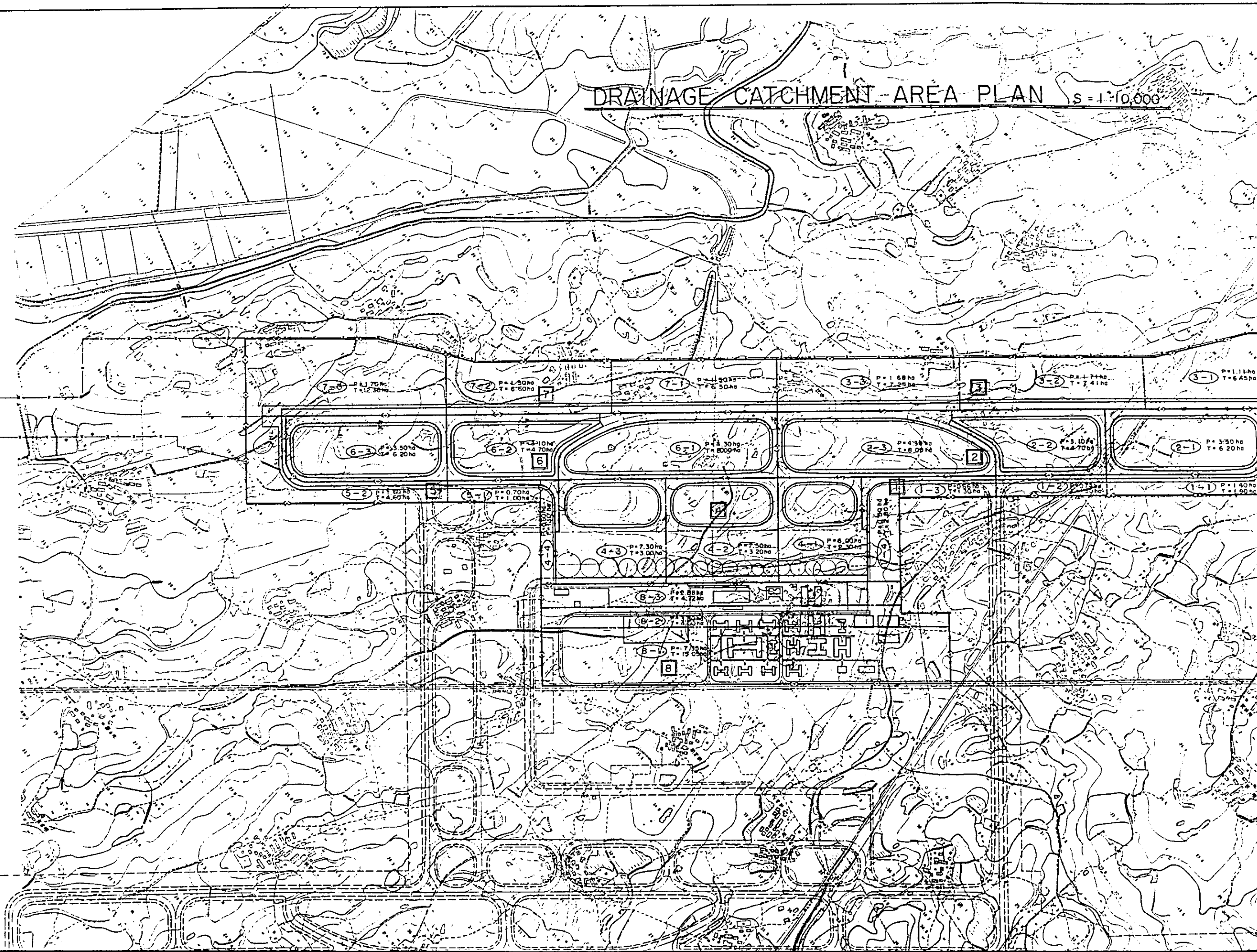
TYPICAL CROSS SECTION
(PAVEMENT)

SCALE AS SHOWN | No C-7 | MAR. 1990

JAPAN INTERNATIONAL COOPERATION AGENCY
JICA

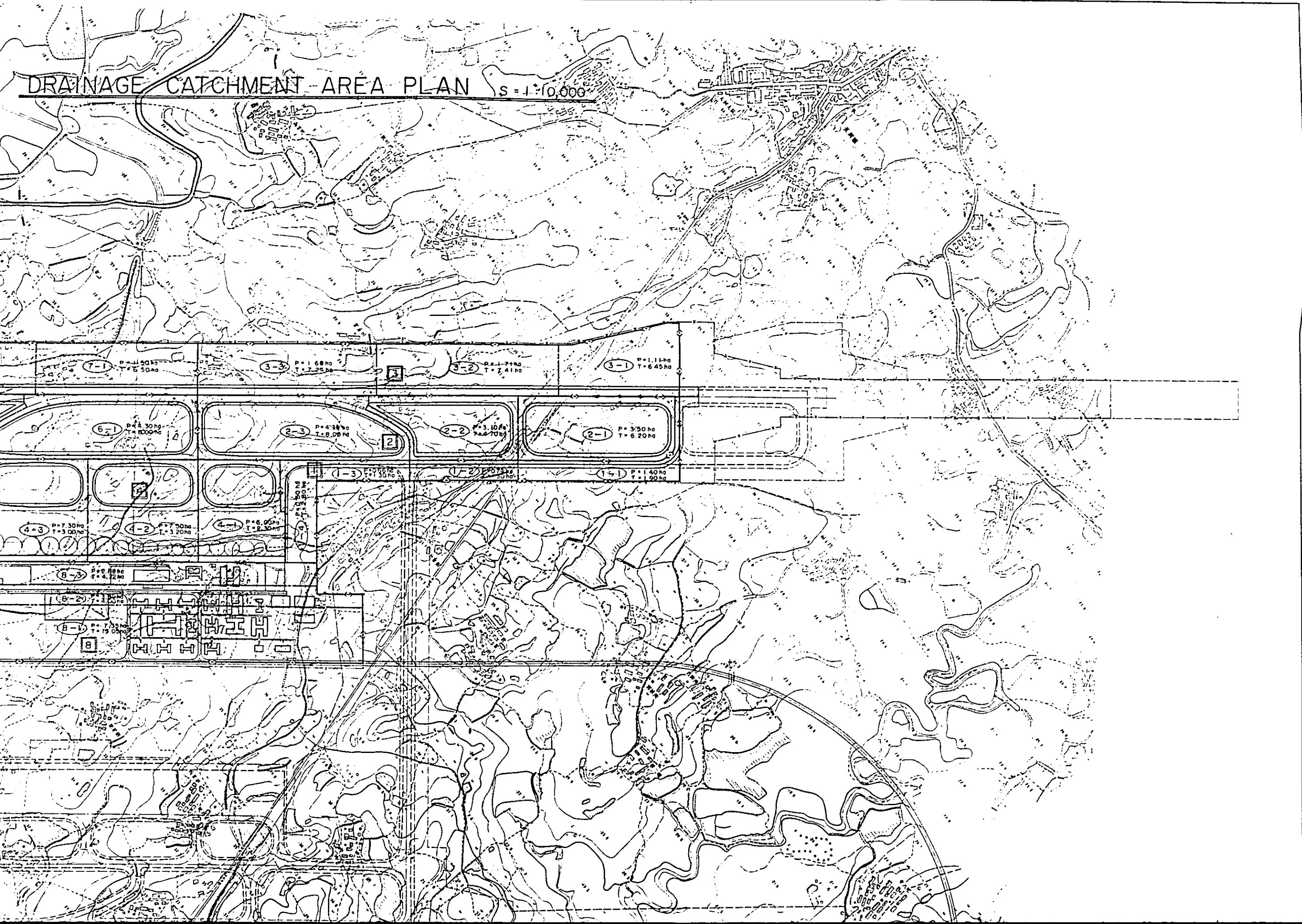
DRAINAGE CATCHMENT AREA PLAN

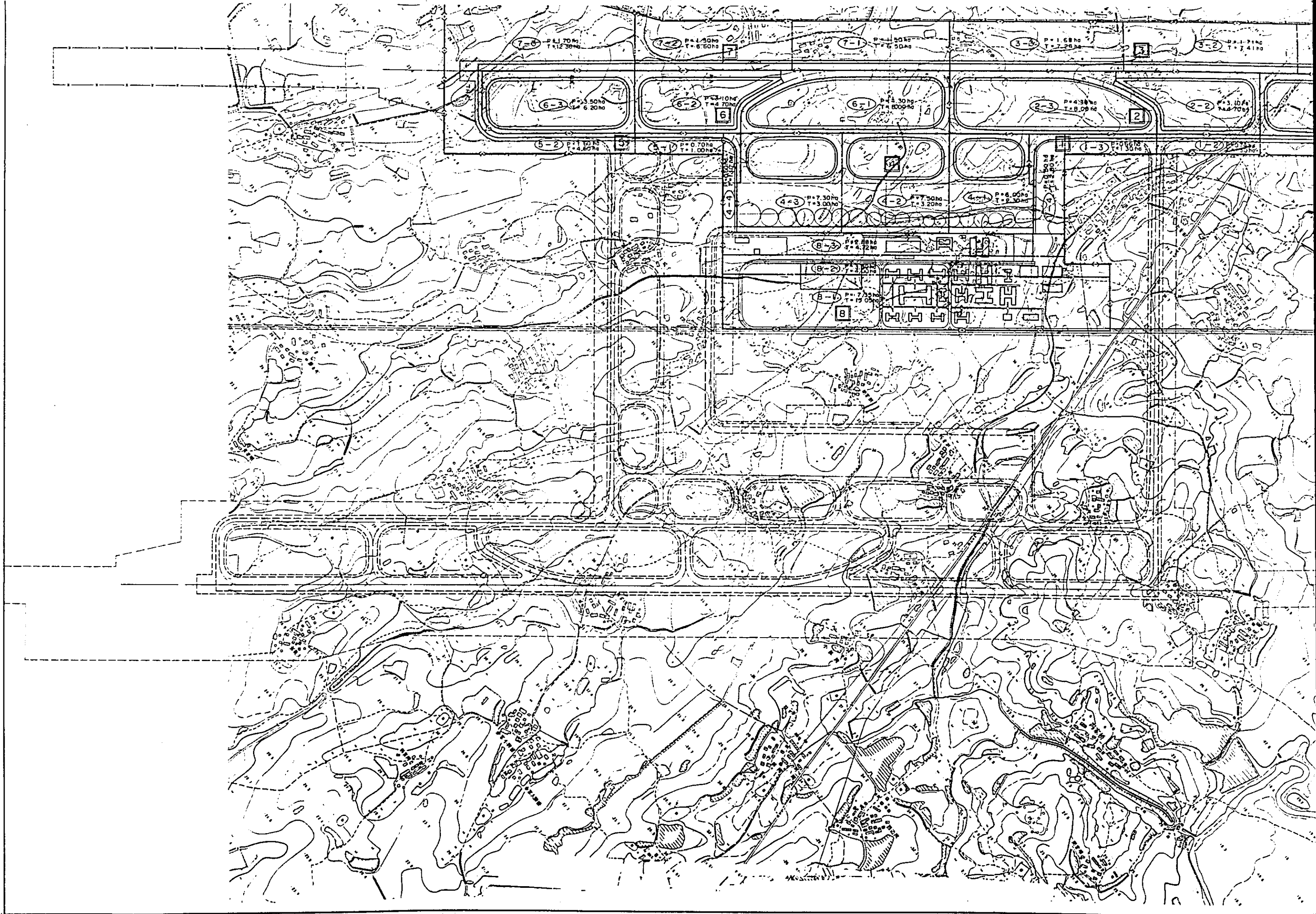
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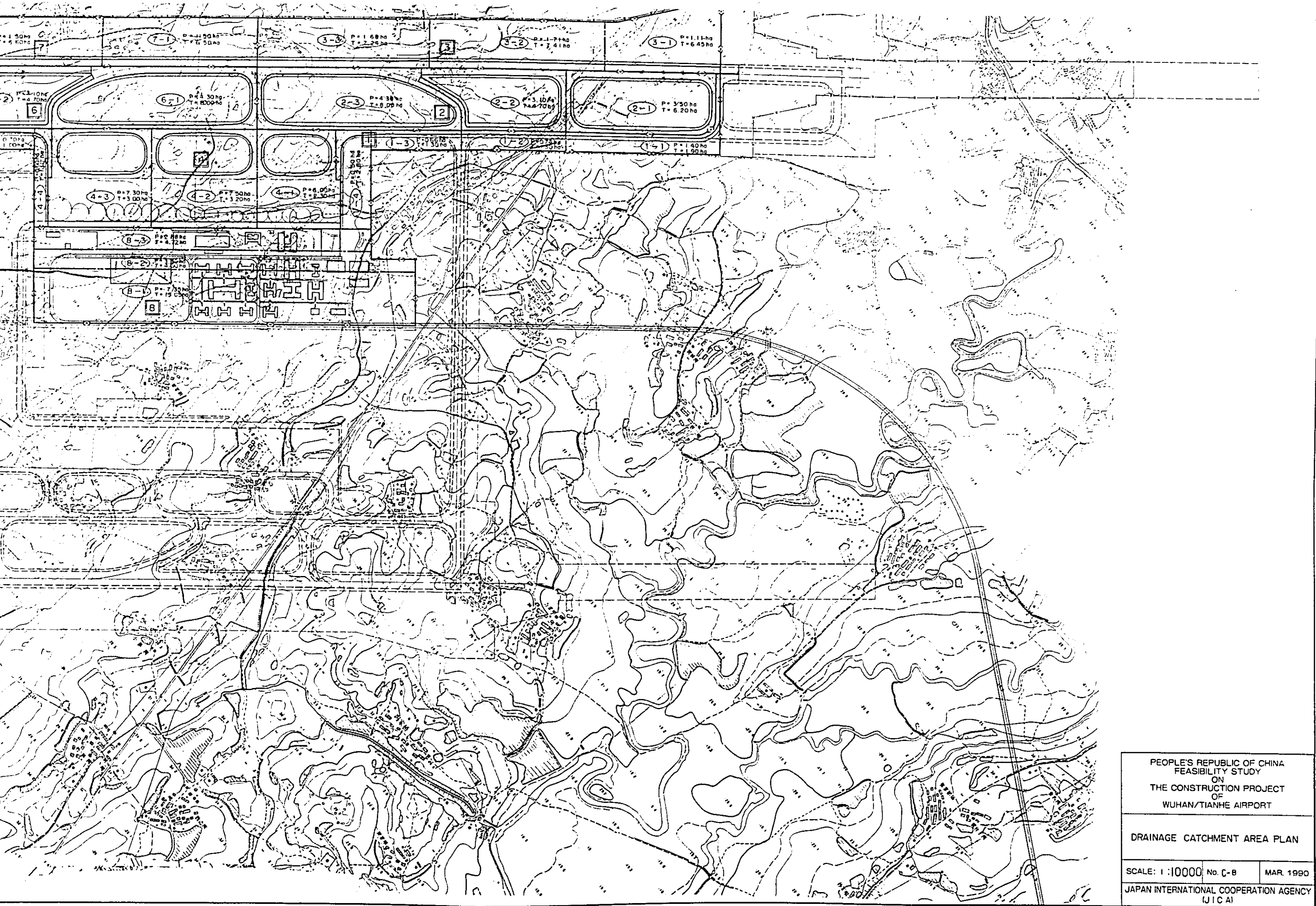


DRAINAGE CATCHMENT AREA PLAN

S = 1:10,000







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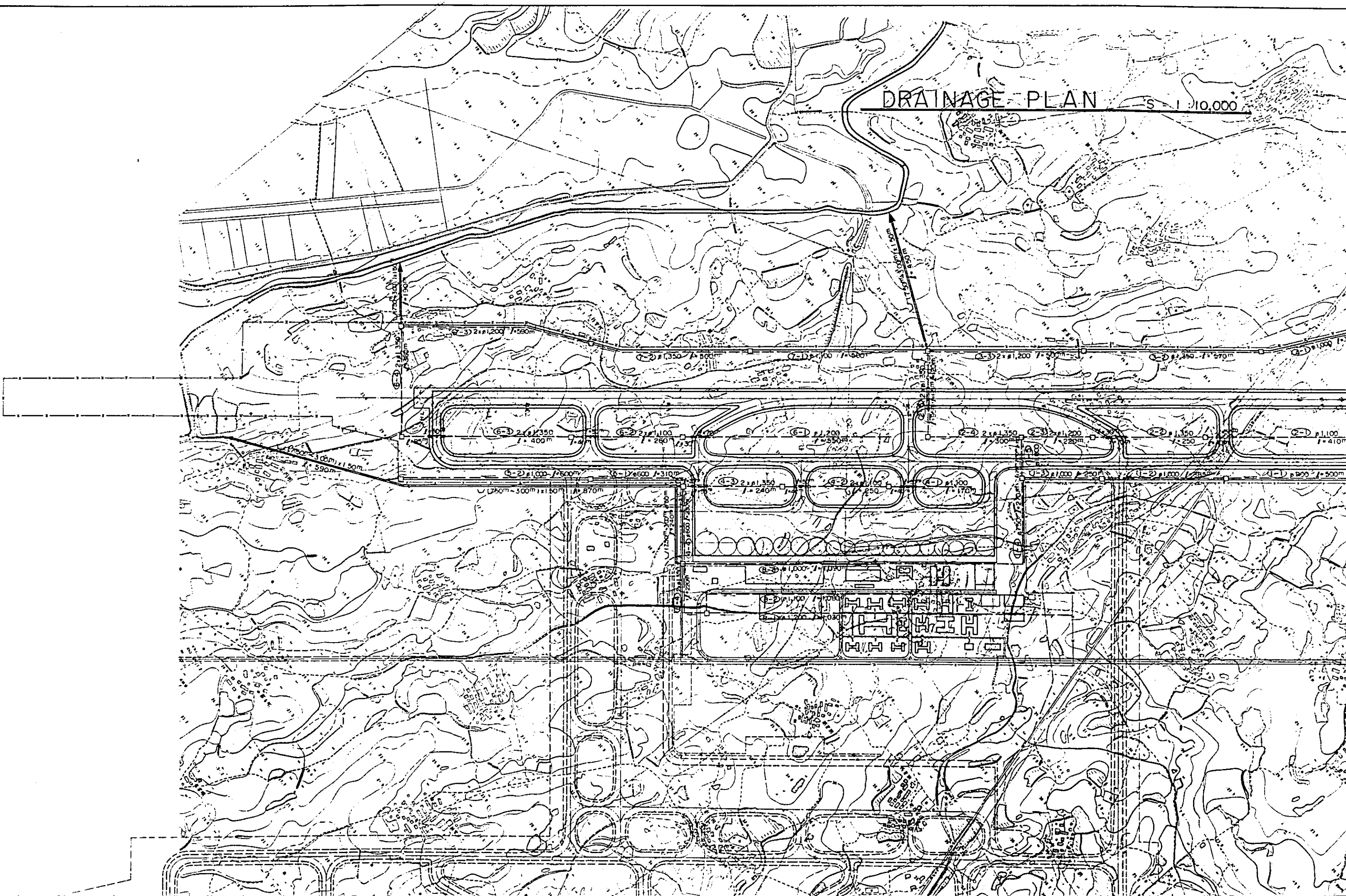
DRAINAGE CATCHMENT AREA PLAN

SCALE: 1:10000 No. C-B MAR. 1990

JAPAN INTERNATIONAL COOPERATION AGENCY
 (JICA)

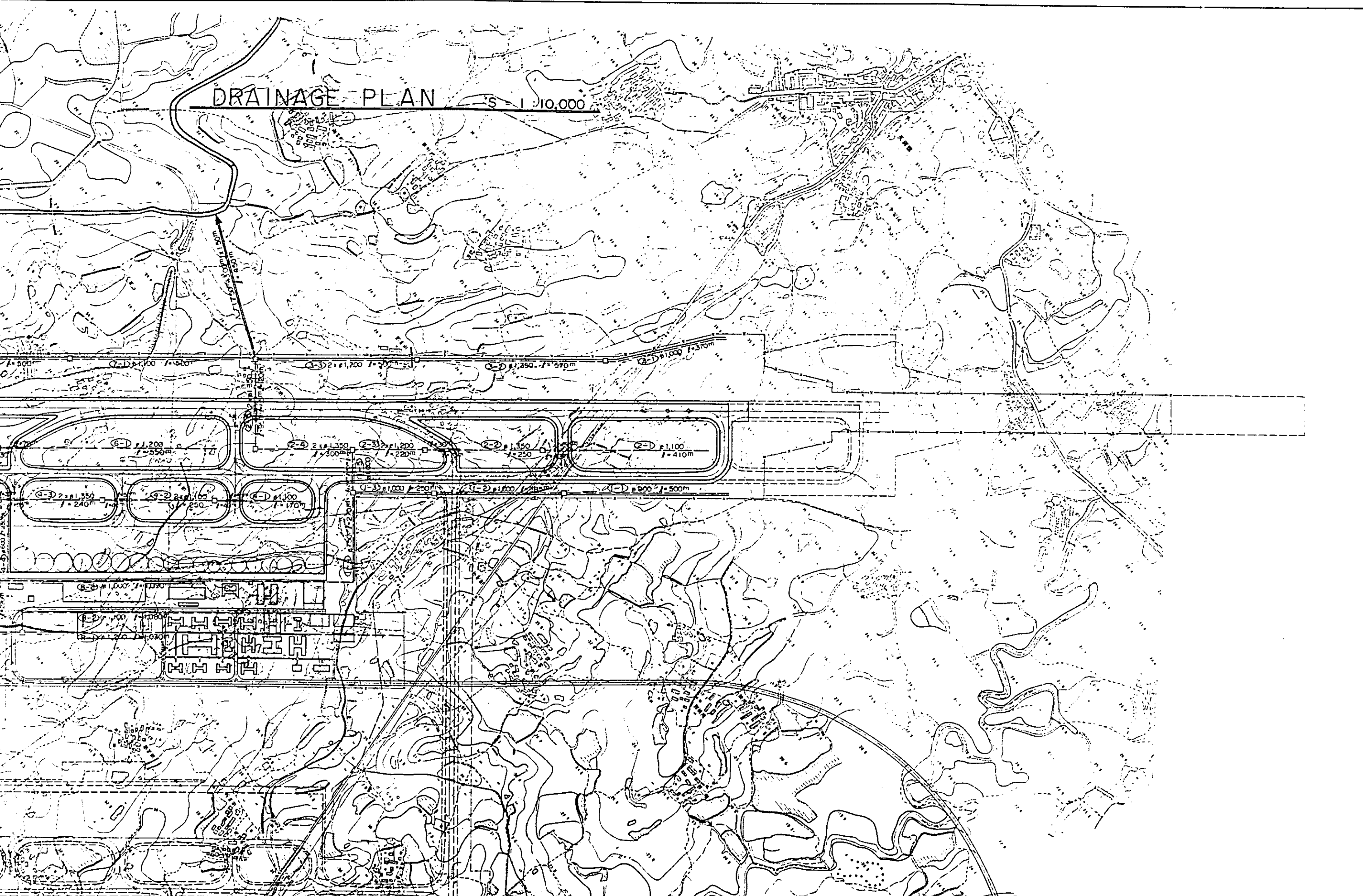
DRAINAGE PLAN

S 1:10,000

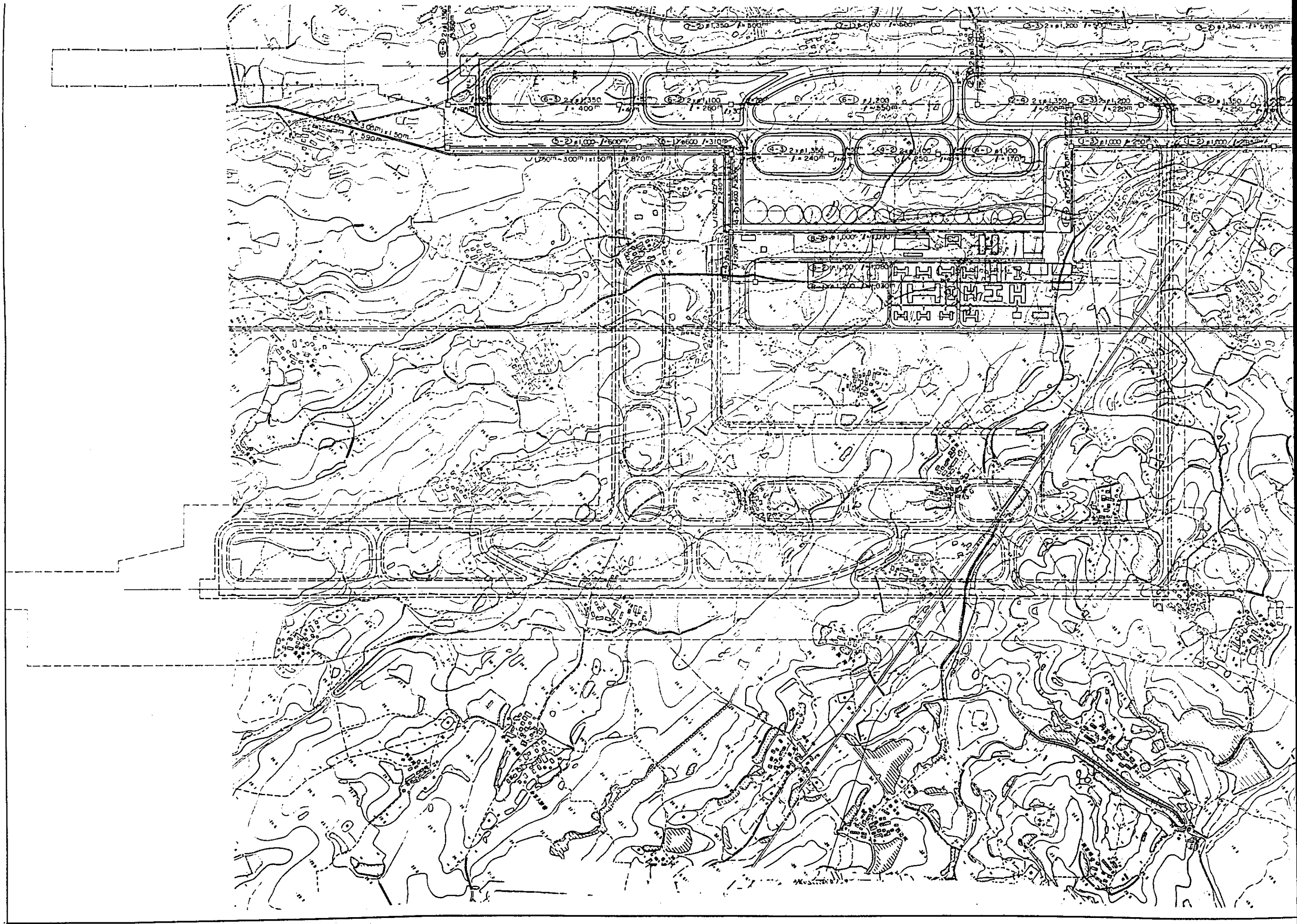


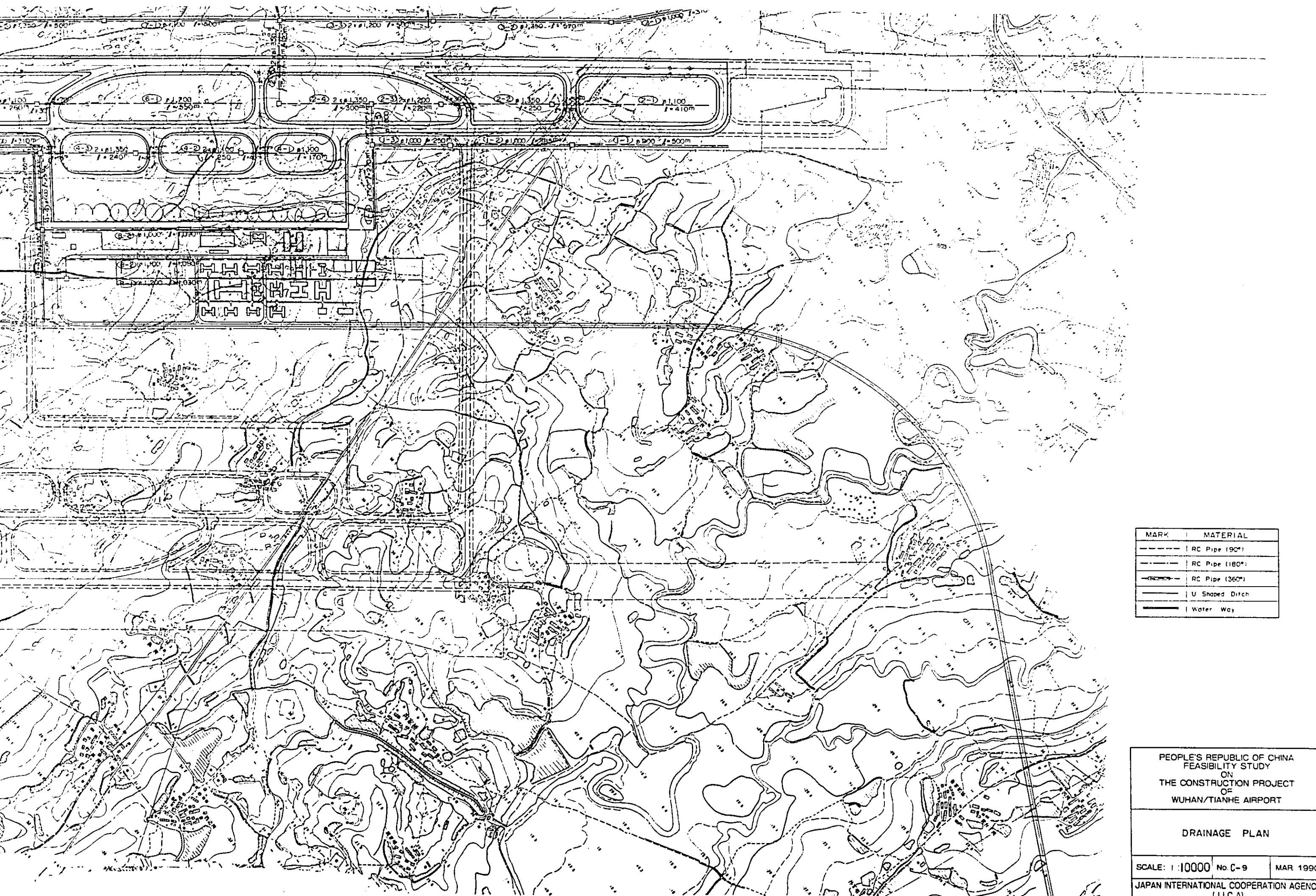
DRAINAGE PLAN

Scale: 1:10,000



MARK	MATERIAL
---	RC Pipe (90°)
---	RC Pipe (180°)





MARK	MATERIAL
---	RC Pipe (90°)
---	RC Pipe (180°)
---	RC Pipe (360°)
---	U Shaped Ditch
---	Water Way

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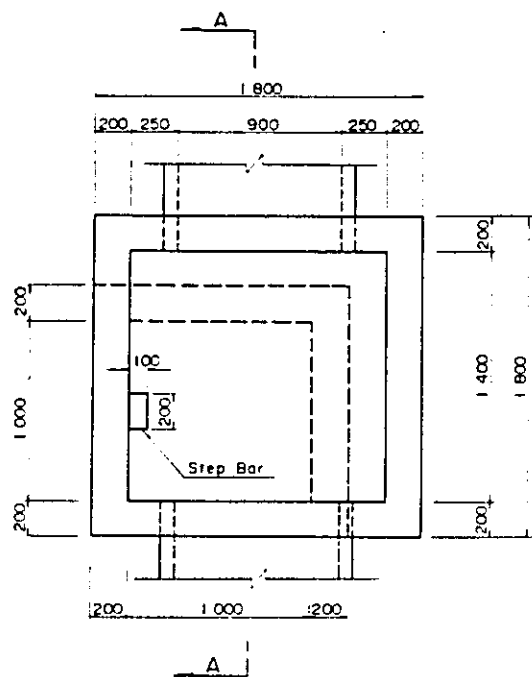
DRAINAGE PLAN

SCALE: 1:10000 No. C-9 MAR 1990

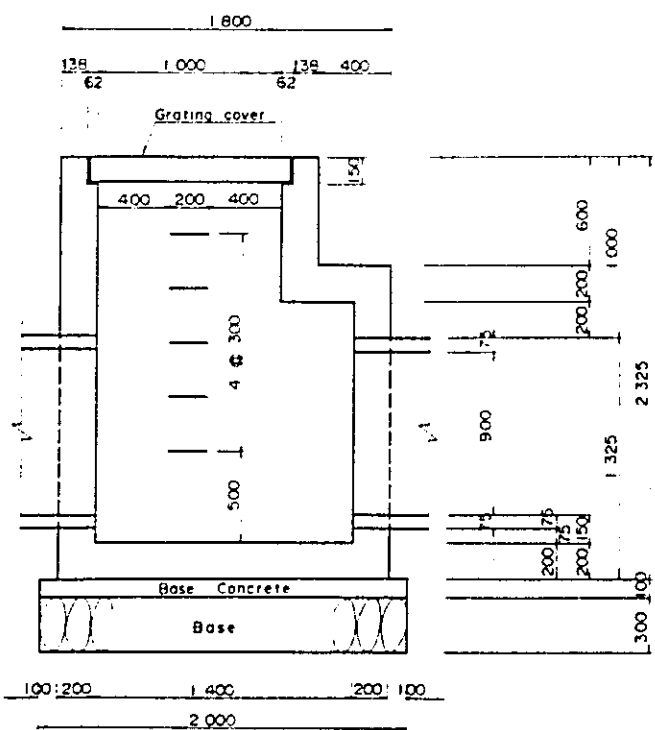
JAPAN INTERNATIONAL COOPERATION AGENCY
 (JICA)

Catch Basin

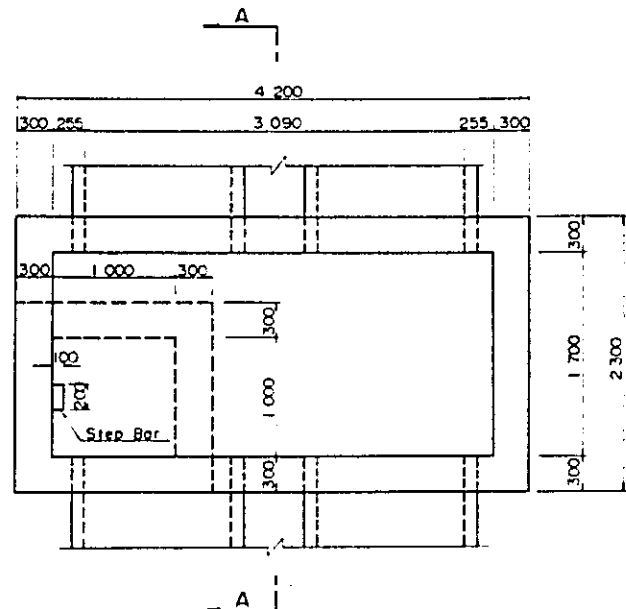
Type-A (Single Pipe) s = 140



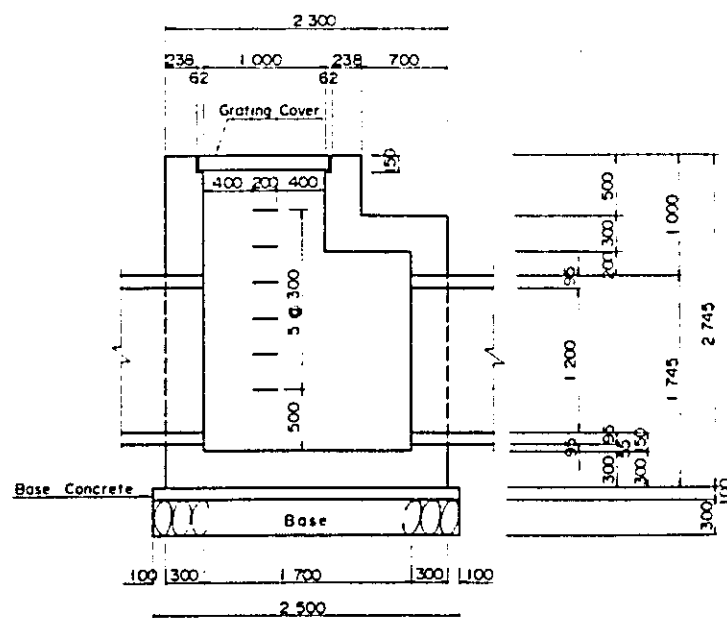
A - A



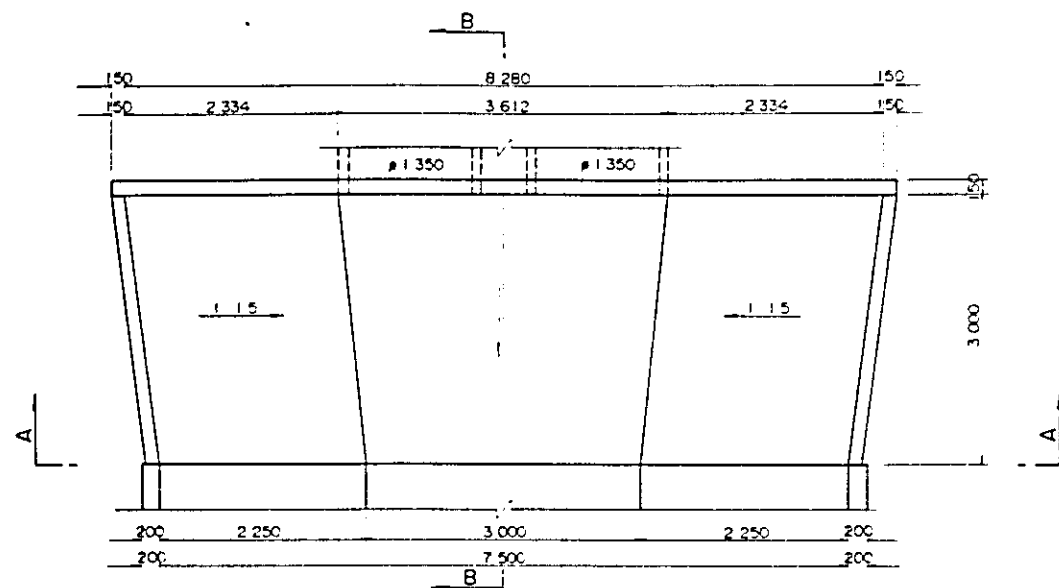
Type-B (Double Pipe) s = 160



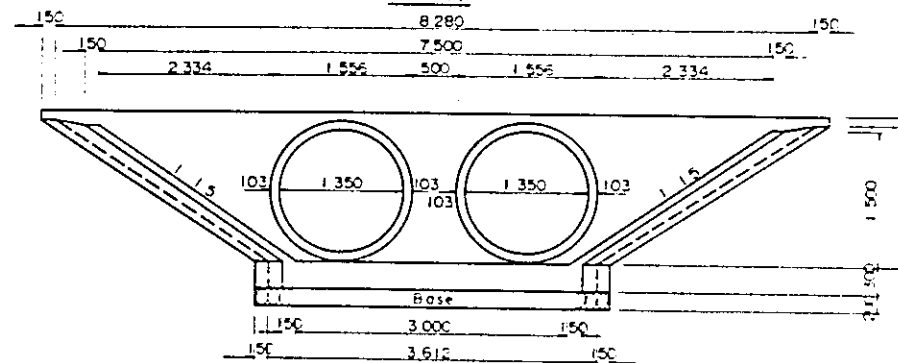
A - A



Outlet s = 180

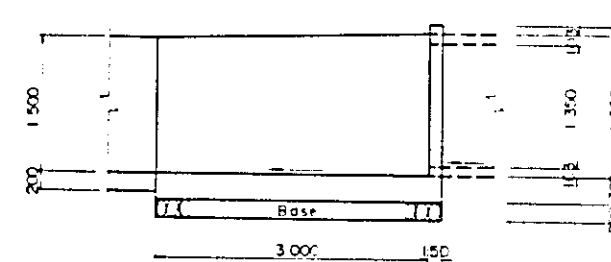


A - A



B - B

Trapezoidal Ditch Outlet



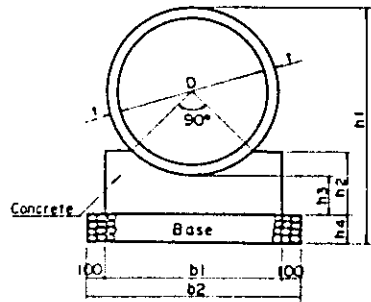
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DRAINAGE STRUCTURES GENERAL
VIEW-1 (AIRPORT)

SCALE AS SHOWN | No C-10 | MAR 1990

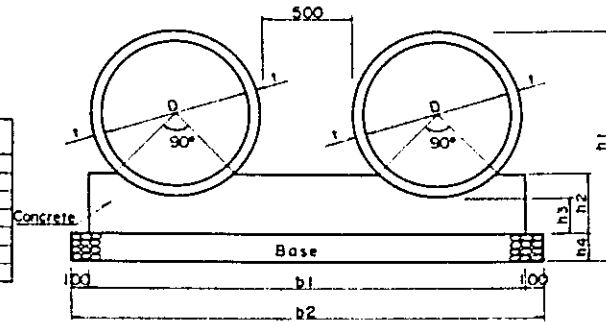
JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

90° Base



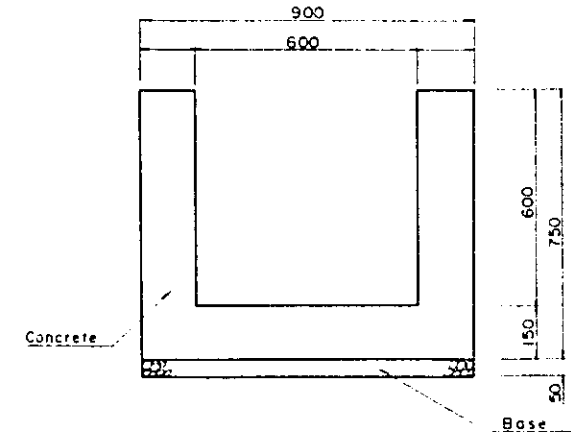
#	Size (unit mm)							
	D	r	b1	b2	h1	h2	h3	h4
600	600	30	730	930	1000	260	130	180
750	750	62	800	1000	1224	330	200	150
900	900	75	1030	1230	1400	340	200	130
1000	1000	82	1300	1400	1584	380	200	200
1100	1100	88	1300	1500	1724	440	230	200
1200	1200	93	1400	1600	1840	460	230	200
1350	1350	103	1600	1800	2004	480	230	200

90° Base (Double)

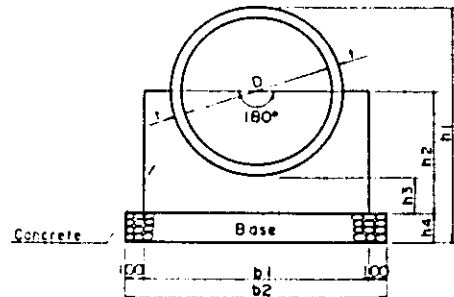


#	Size (unit mm)							
	D	r	b1	b2	h1	h2	h3	h4
1100	1100	88	3076	3276	1724	440	230	200
1200	1200	93	3290	3490	1840	480	230	200
1350	1350	103	3636	3836	2004	480	230	200

U Shaped Ditch s=1:20

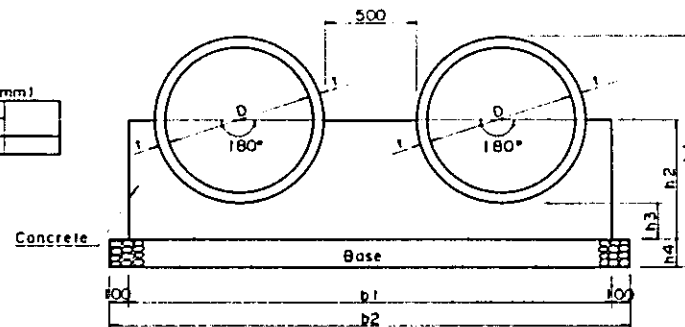


180° Base



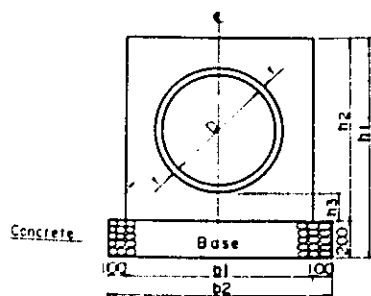
#	Size (unit mm)							
	D	r	b1	b2	h1	h2	h3	h4
1100	1100	88	1400	1600	1724	440	230	200

180° Base (Double)



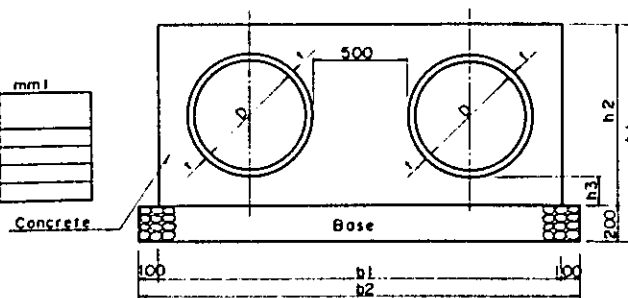
#	Size (unit mm)							
	D	r	b1	b2	h1	h2	h3	h4
1100	1100	88	3376	3576	1724	440	230	200
1350	1350	103	3936	4136	2004	480	230	200

360° Base



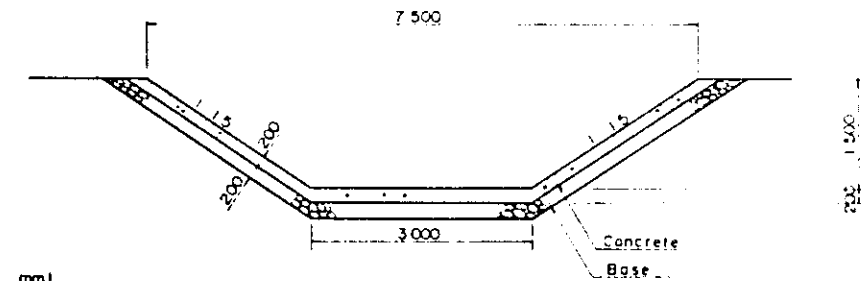
#	Size (unit mm)							
	D	r	b1	b2	h1	h2	h3	h4
1000	1000	82	1380	1780	1780	1580	200	
1100	1100	88	1480	1880	1880	1680	200	
1200	1200	93	1780	1980	1980	1780	200	
1350	1350	103	1980	2180	2180	1980	200	

360° Base (Double)



#	Size (unit mm)							
	D	r	b1	b2	h1	h2	h3	h4
1100	1100	88	3236	3636	1880	1680	200	
1350	1350	103	4016	4216	2180	1980	200	

Trapezoidal Ditch s=1:10

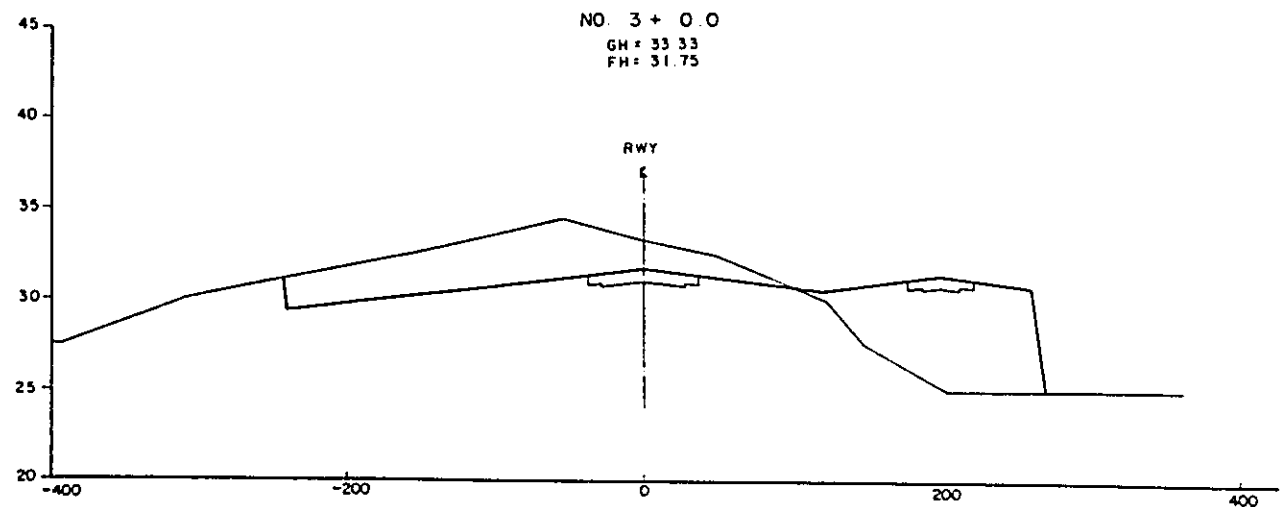
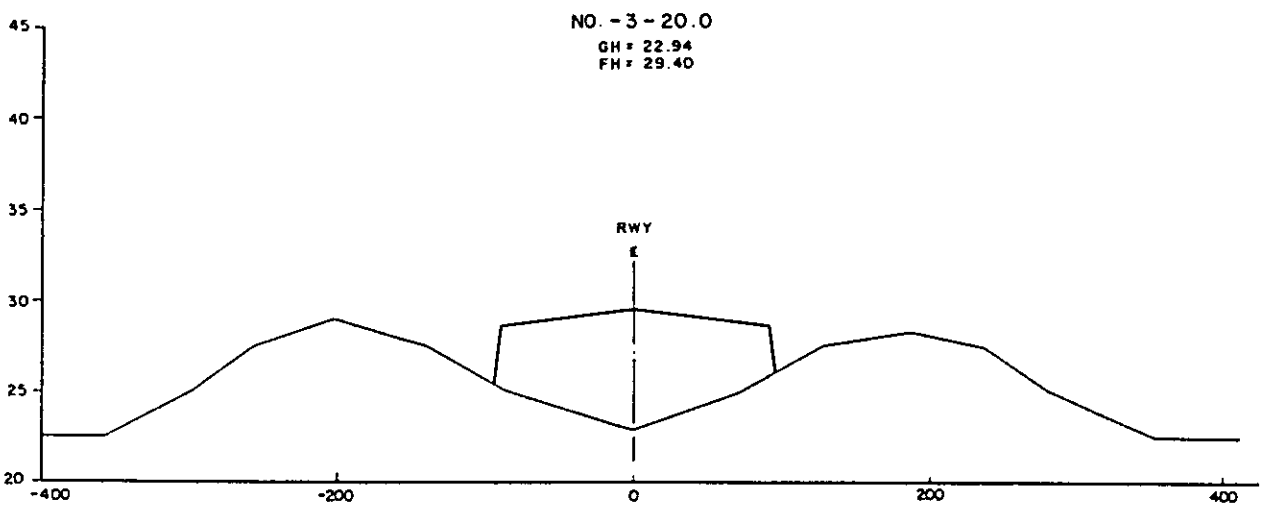
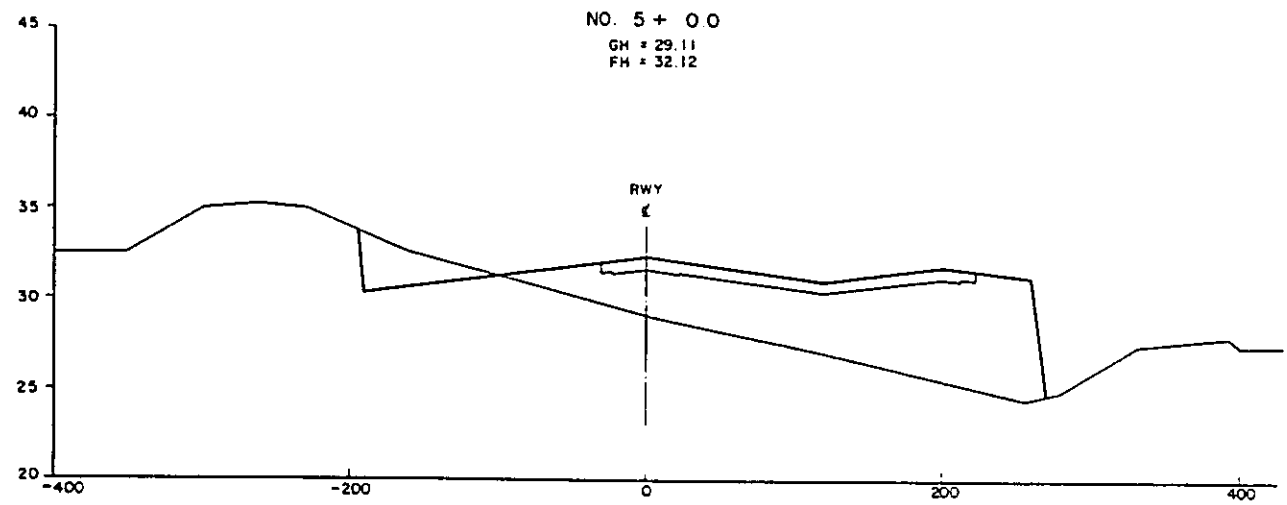
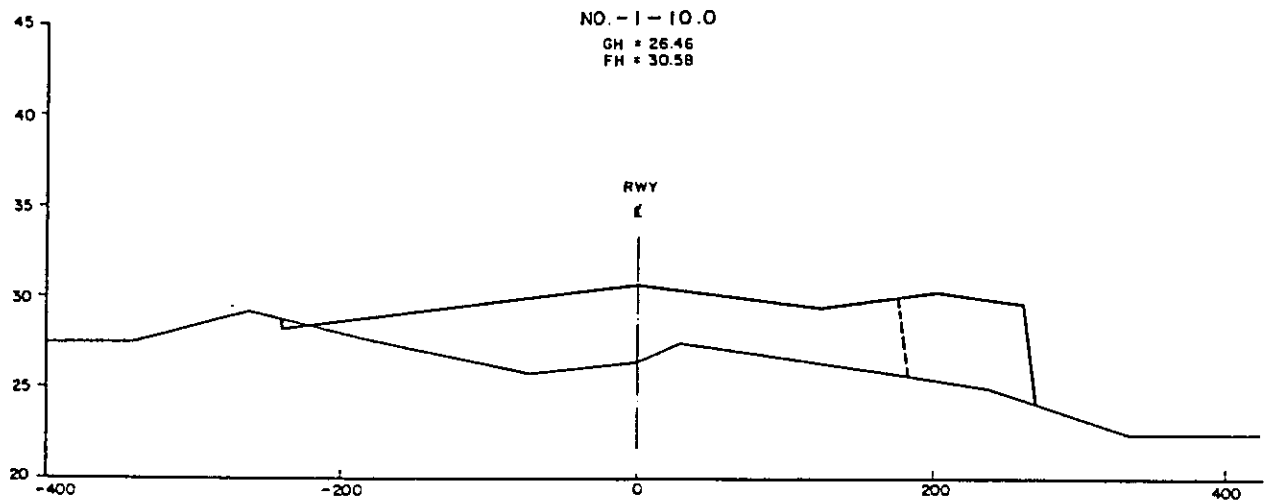
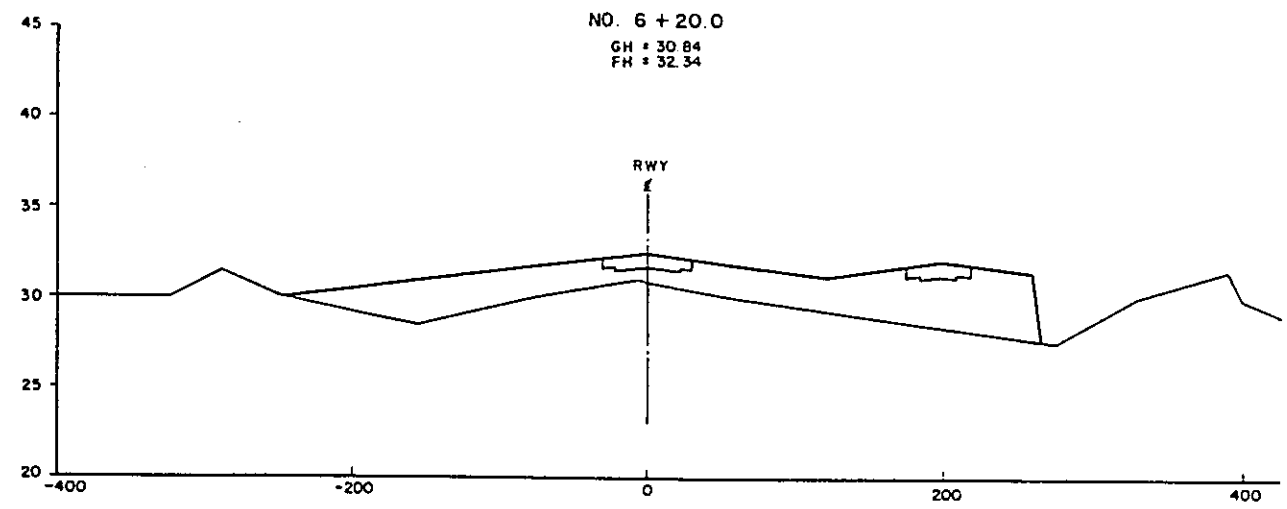
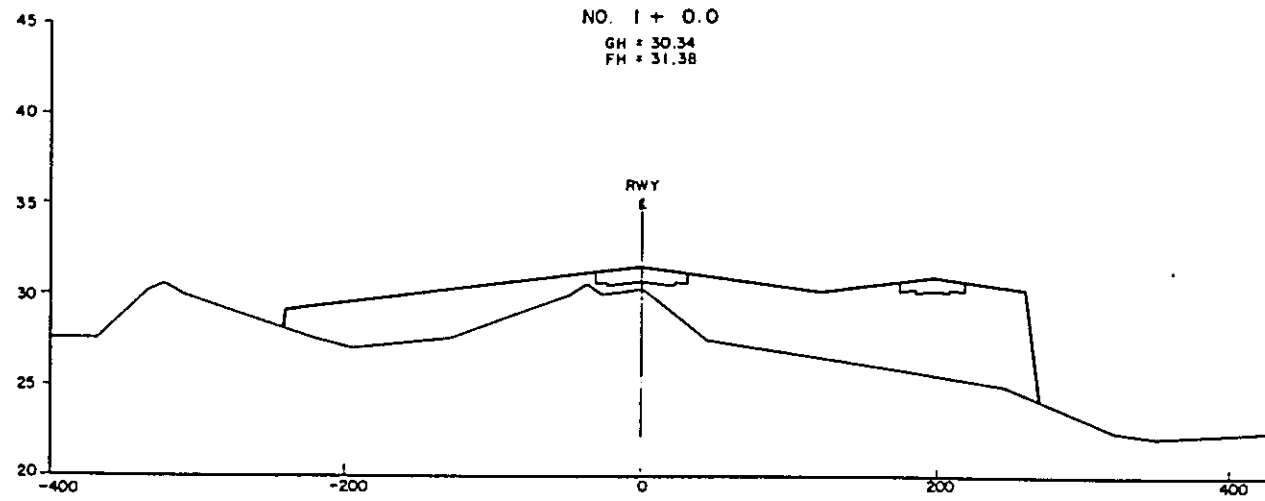


PEOPLE'S REPUBLIC OF CHINA
FEASIBILITY STUDY
ON
THE CONSTRUCTION PROJECT
OF
WUHAN/TIANHE AIRPORT

CONCRETE STRUCTURES GENERAL
VIEW-2 (AIRPORT)

SCALE AS SHOWN No C-11 MAR 1990

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)



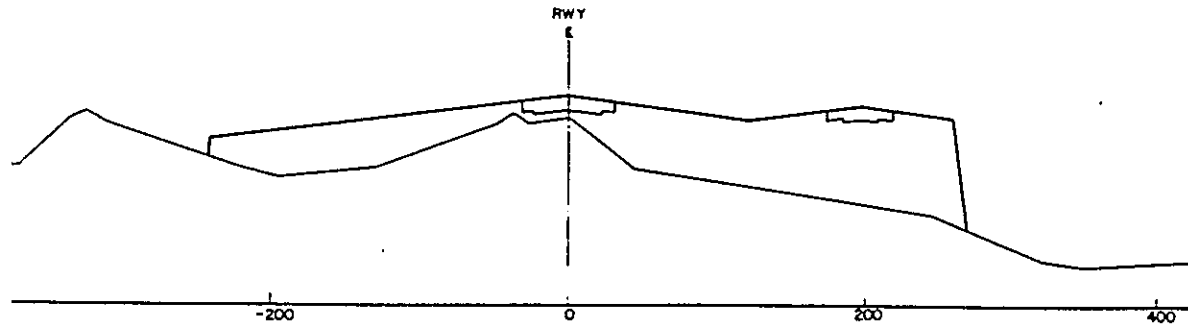
PEOPLE'S REPUBLIC OF CHINA
FEASIBILITY STUDY
ON
THE CONSTRUCTION OF
THE AIRPORT AT
WUHAN/TIANMEN

CROSS SECTION
(AIRFIELD)

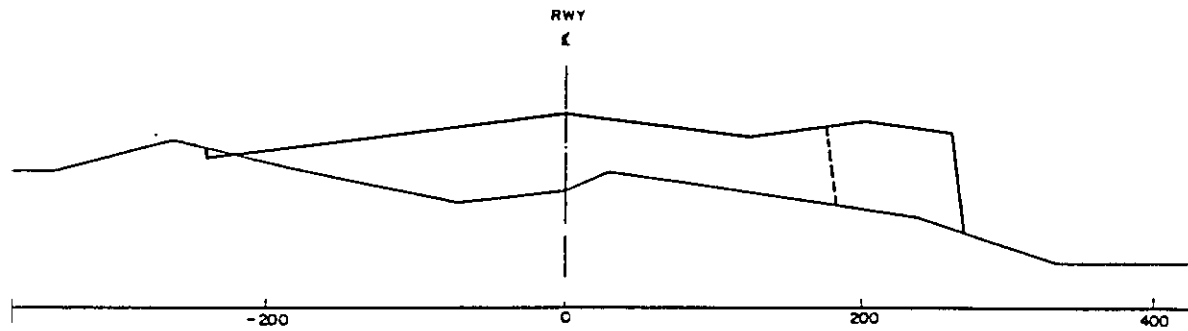
SCALE V=1:400
H=1:5,000

JAPAN INTERNATIONAL ENGINEERING CONSULTANTS (J.I.E.C.)

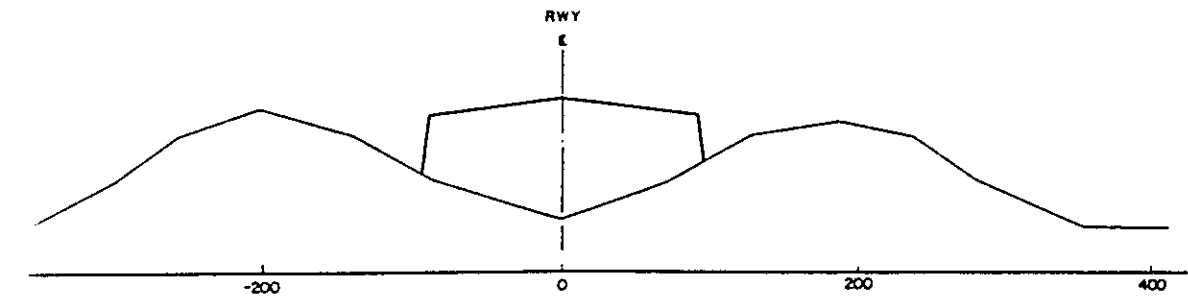
NO. 1 + 0.0
GH = 30.34
FH = 31.38



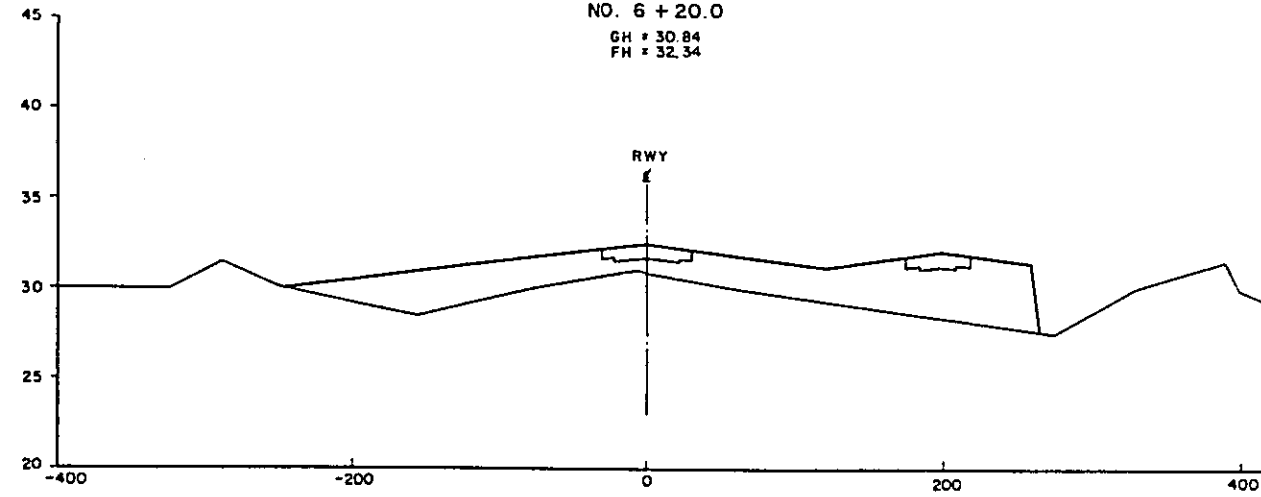
NO. -1 - 10.0
GH = 26.46
FH = 30.58



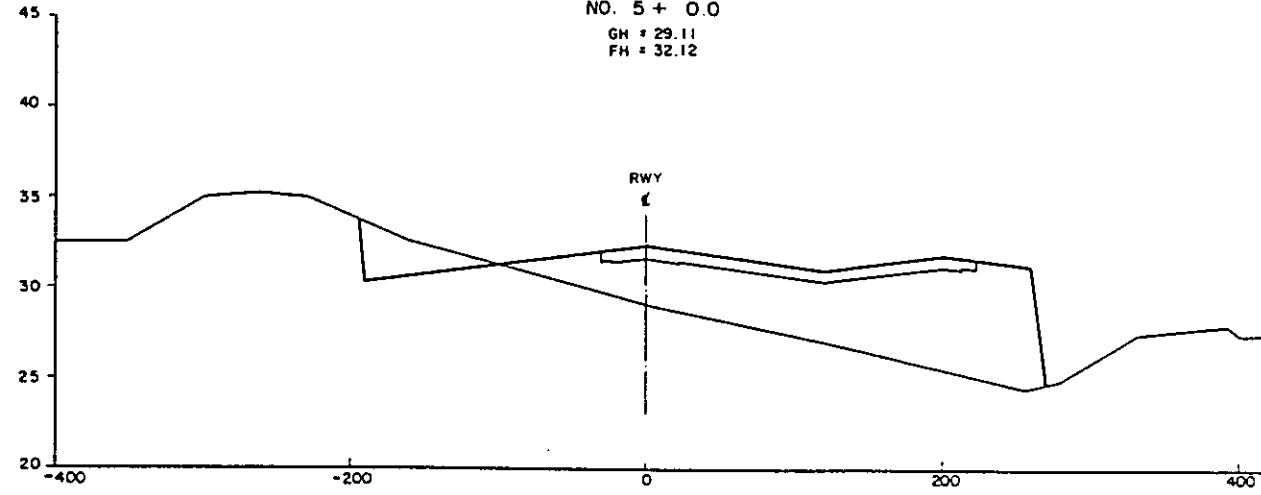
NO. -3 - 20.0
GH = 22.94
FH = 29.40



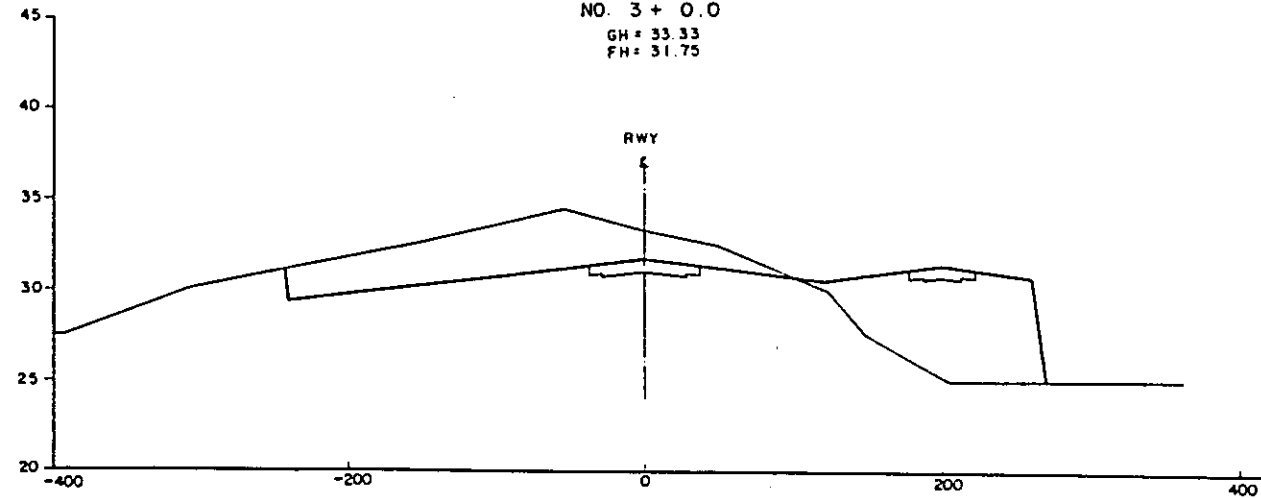
NO. 6 + 20.0
GH = 30.84
FH = 32.34



NO. 5 + 0.0
GH = 29.11
FH = 32.12



NO. 3 + 0.0
GH = 33.33
FH = 31.75

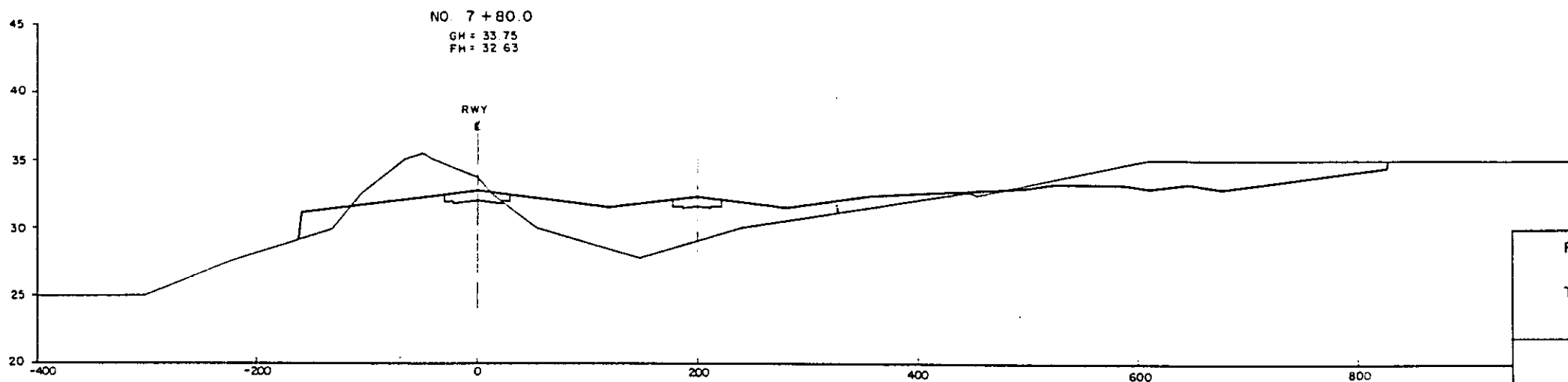
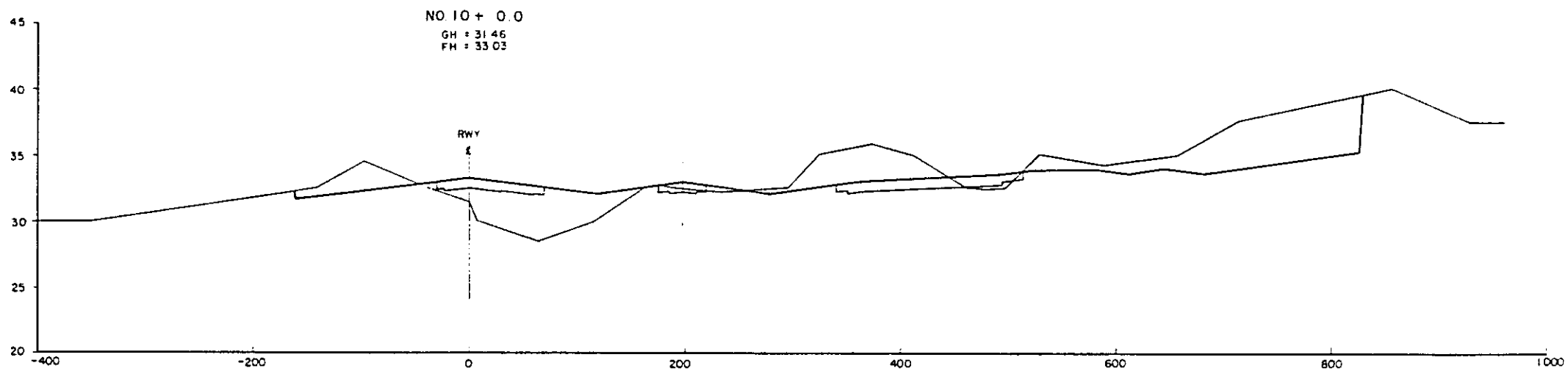
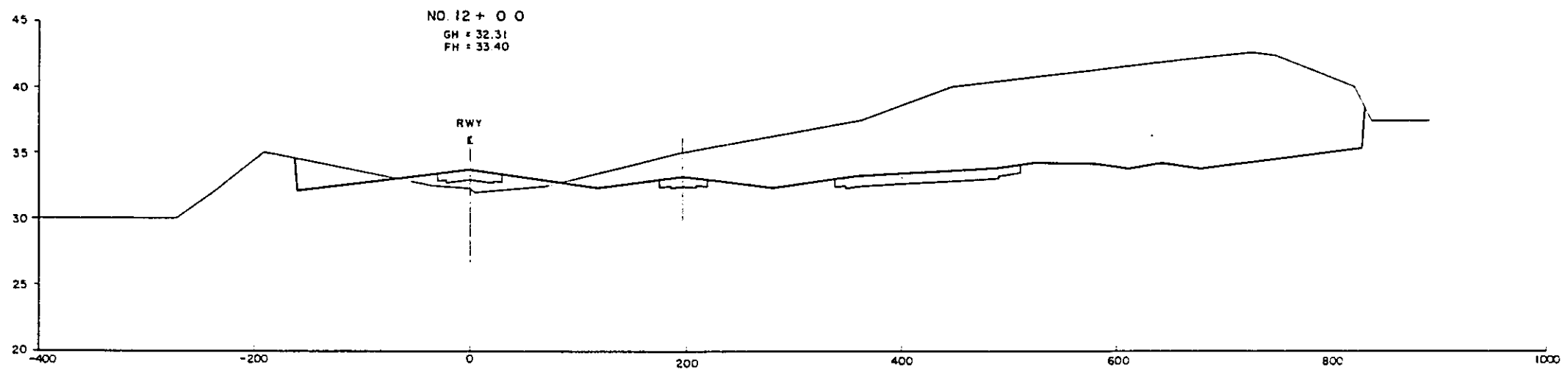


PEOPLE'S REPUBLIC OF CHINA
FEASIBILITY STUDY
ON
THE CONSTRUCTION PROJECT
OF
WUHAN/TIANHE AIRPORT

CROSS SECTION (1/5)
(AIRPORT)

SCALE: V=1:400 | No. C-12 | MAR 1990
H=1:5000

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

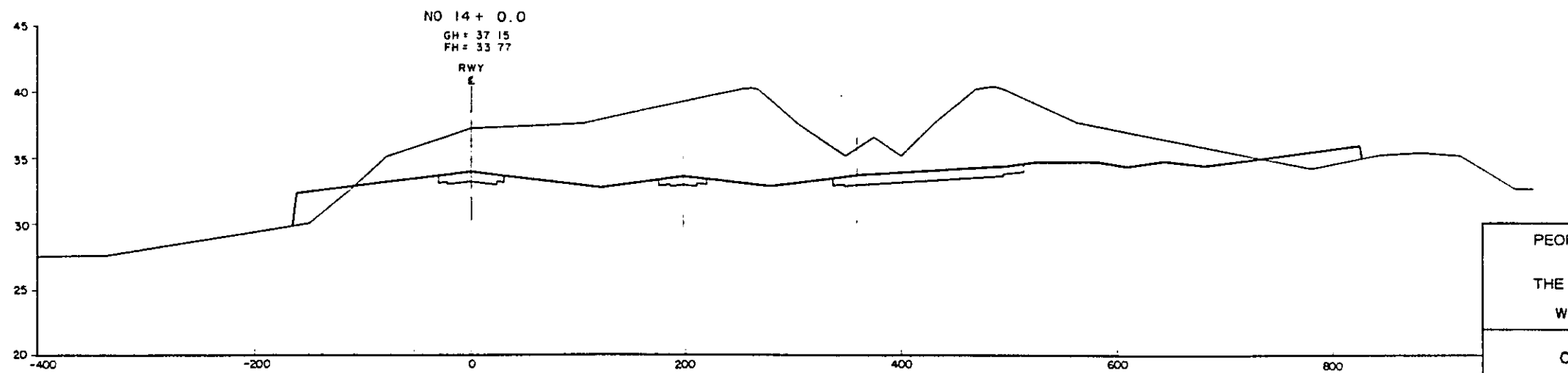
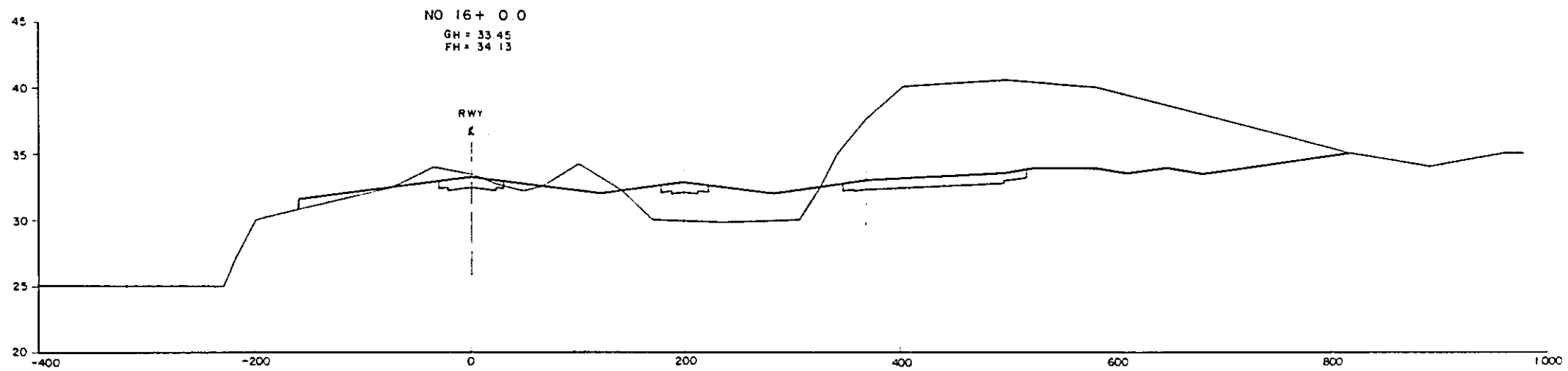
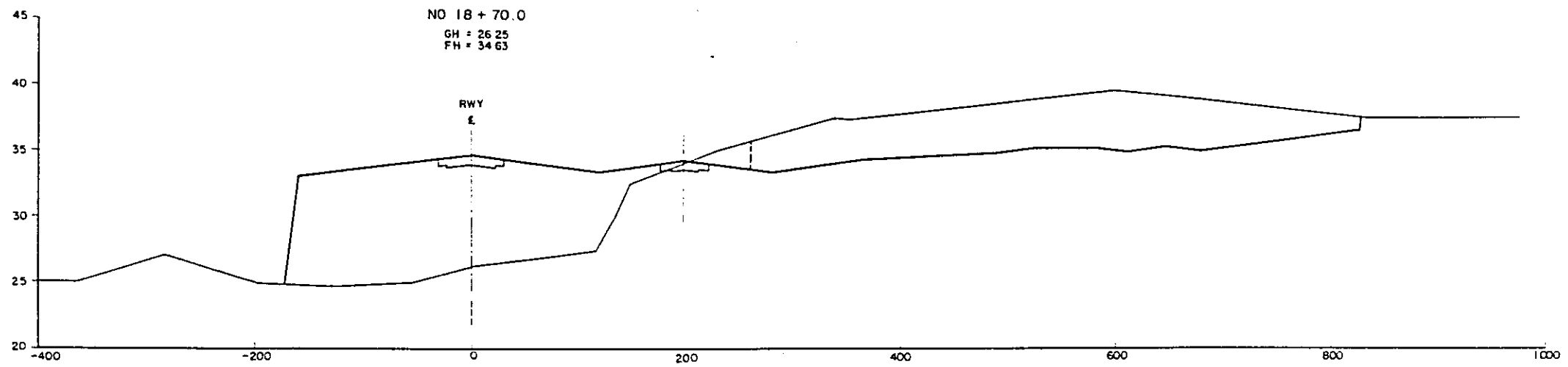


PEOPLE'S REPUBLIC OF CHINA
FEASIBILITY STUDY
ON
THE CONSTRUCTION PROJECT
OF
WUHAN/TIANHE AIRPORT

CROSS SECTION (2/5)
(AIRPORT)

SCALE: V = 1:400 | No. C-13 | MAR. 1990
H = 1:500

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

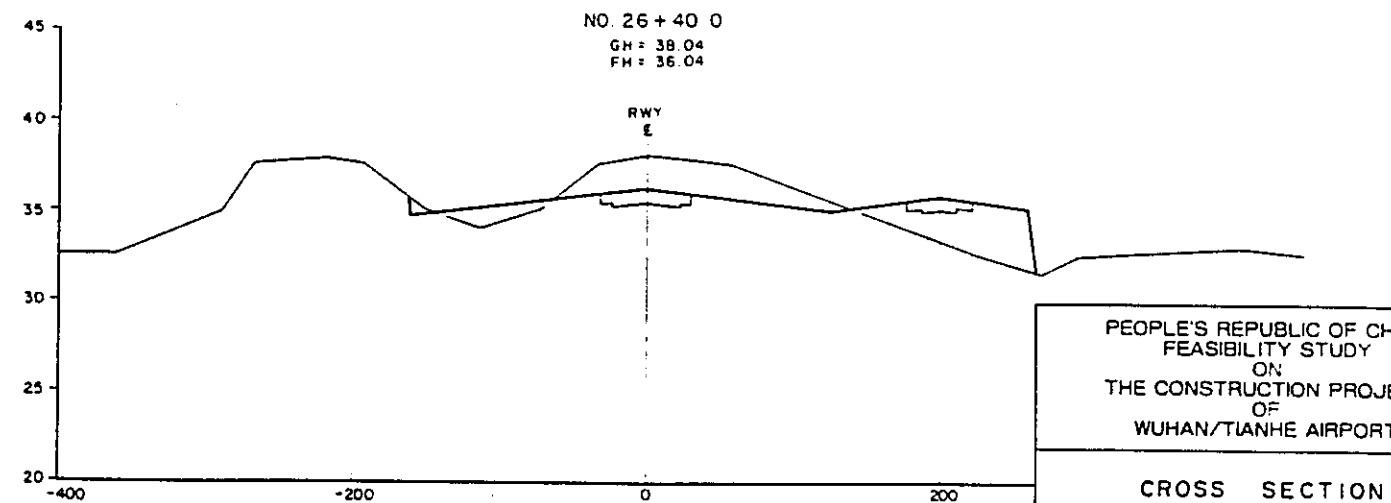
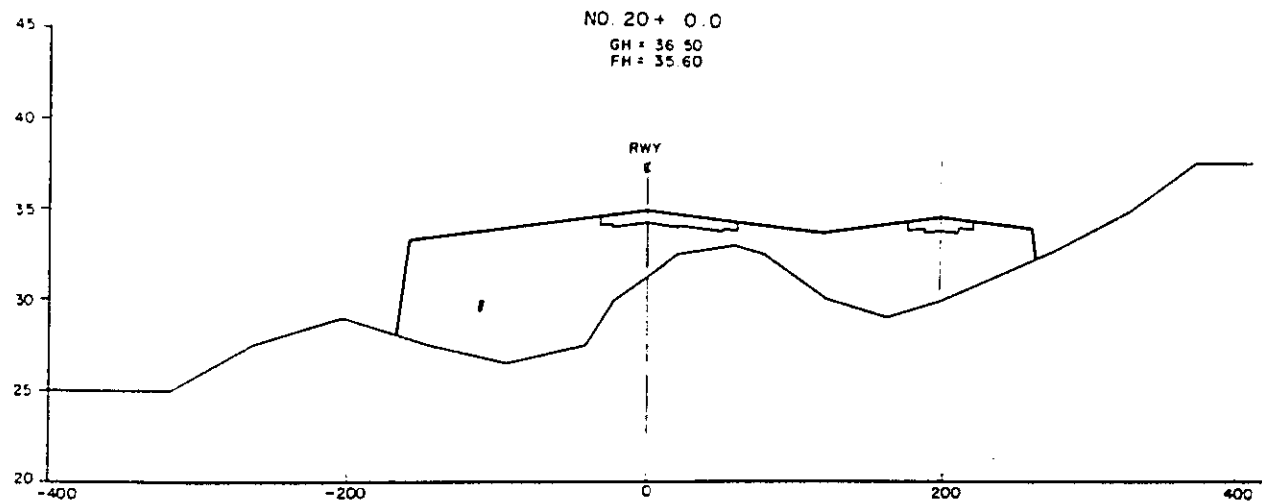
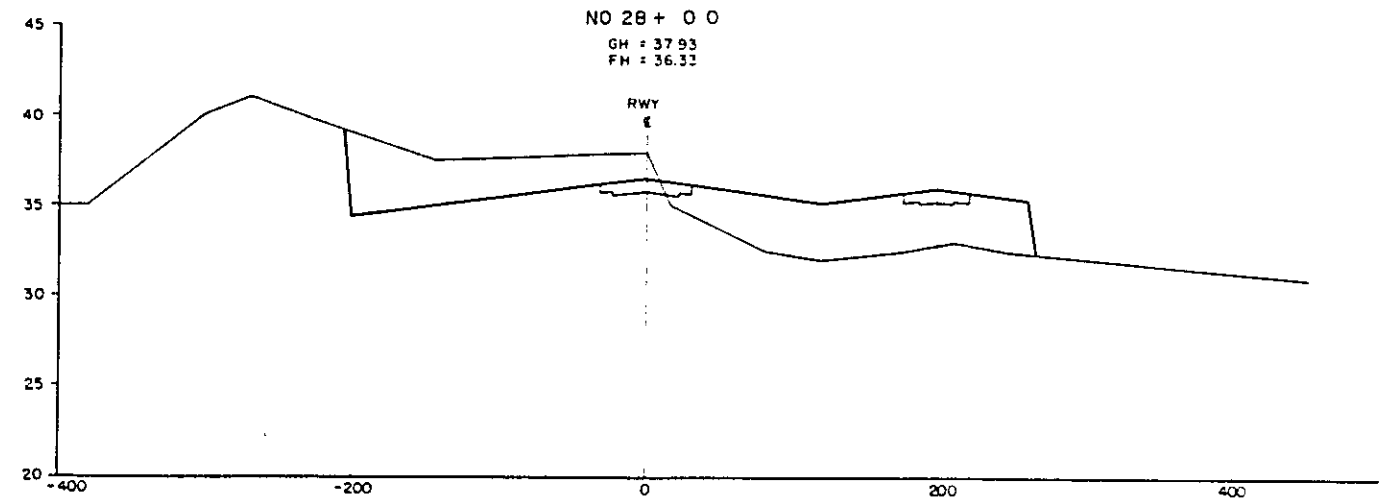
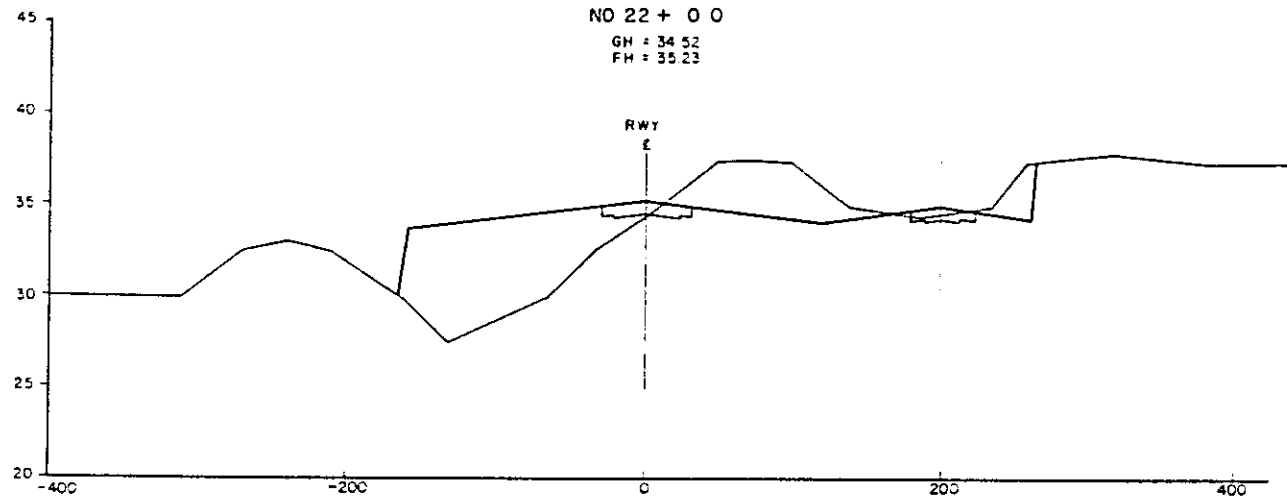
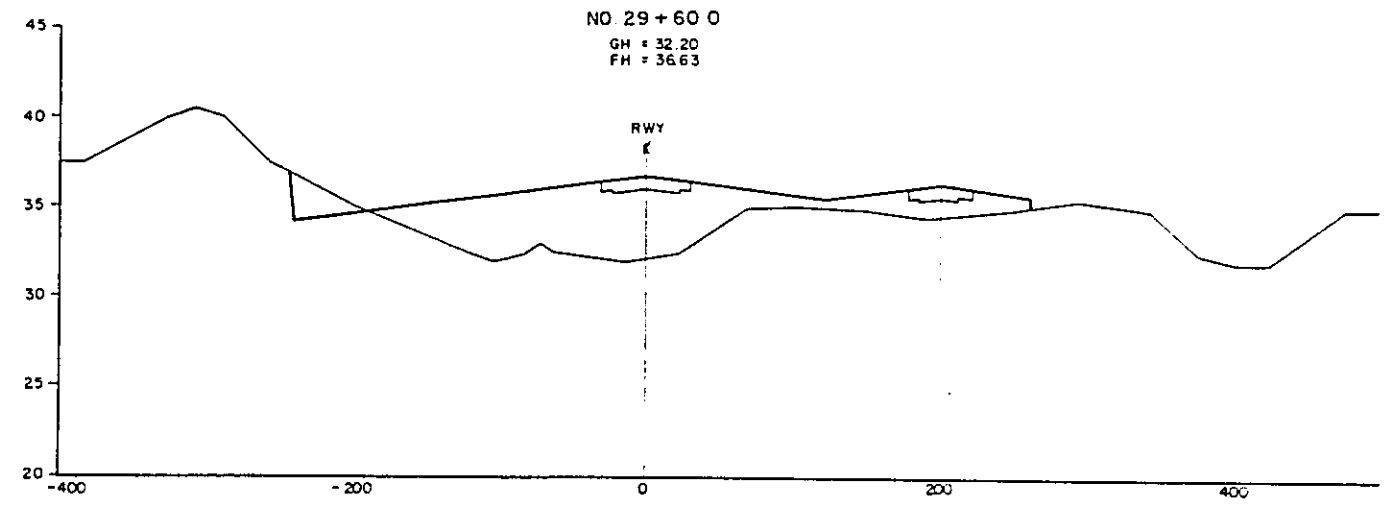
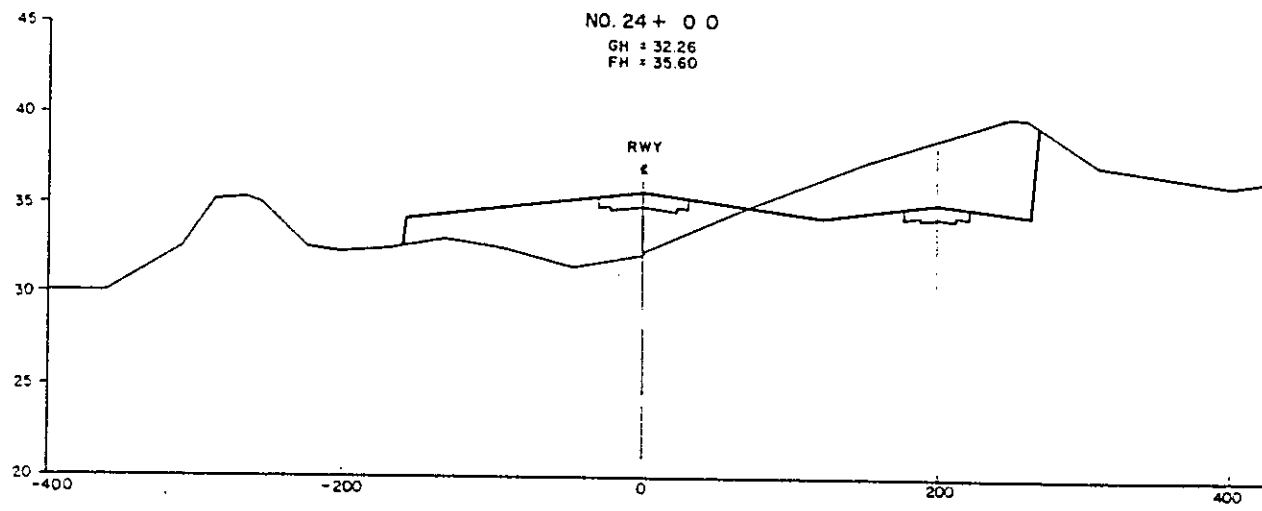


PEOPLE'S REPUBLIC OF CHINA
FEASIBILITY STUDY
ON
THE CONSTRUCTION PROJECT
OF
WUHAN/TIANHE AIRPORT

CROSS SECTION (3/5)
(AIRPORT)

SCALE: V = 1:400 No. C-14 | MAR. 1990
H = 1:500

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

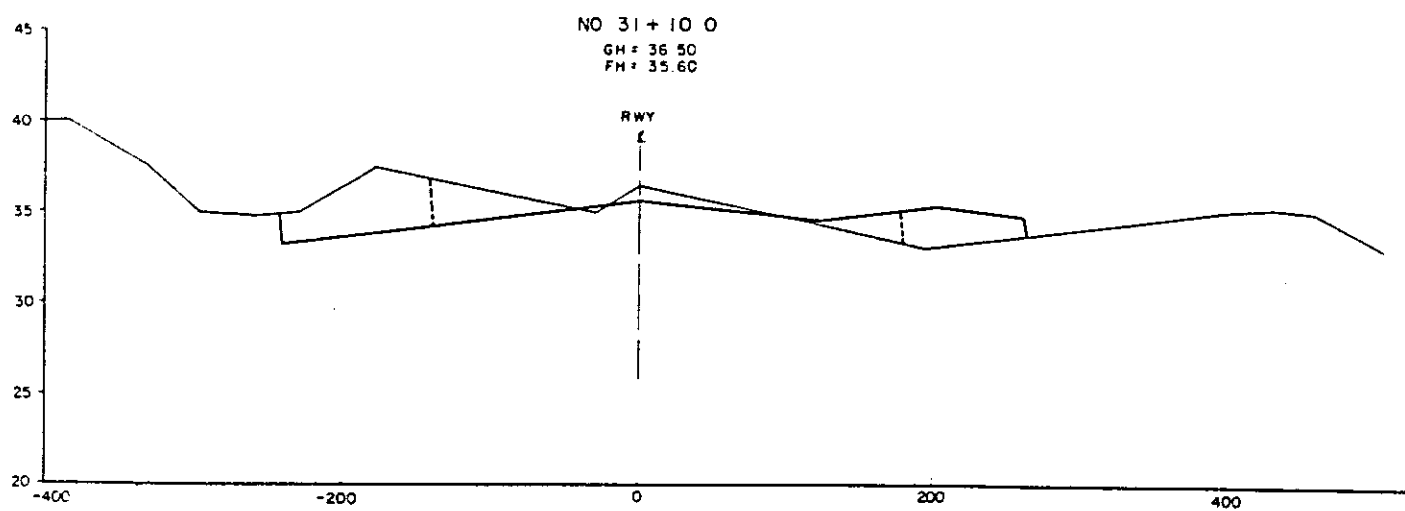
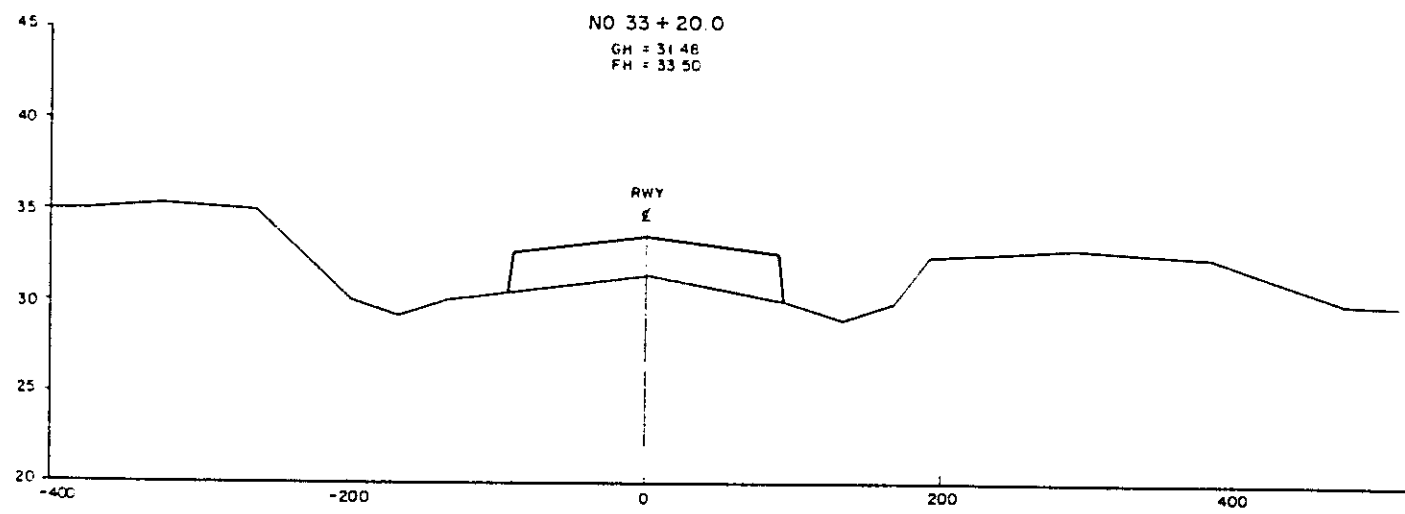


PEOPLE'S REPUBLIC OF CHINA
FEASIBILITY STUDY
ON
THE CONSTRUCTION PROJECT
OF
WUHAN/TIANHE AIRPORT

CROSS SECTION (4/5)
(AIRPORT)

SCALE V = 1:400 H = 1:500 No. C-15 | MAR. 1980

JAPAN INTERNATIONAL COOPERATION AGENCY
JICA



PEOPLE'S REPUBLIC OF CHINA
FEASIBILITY STUDY
ON
THE CONSTRUCTION PROJECT
OF
WUHAN/TIANHE AIRPORT

CROSS SECTION (5/5)
(AIRPORT)

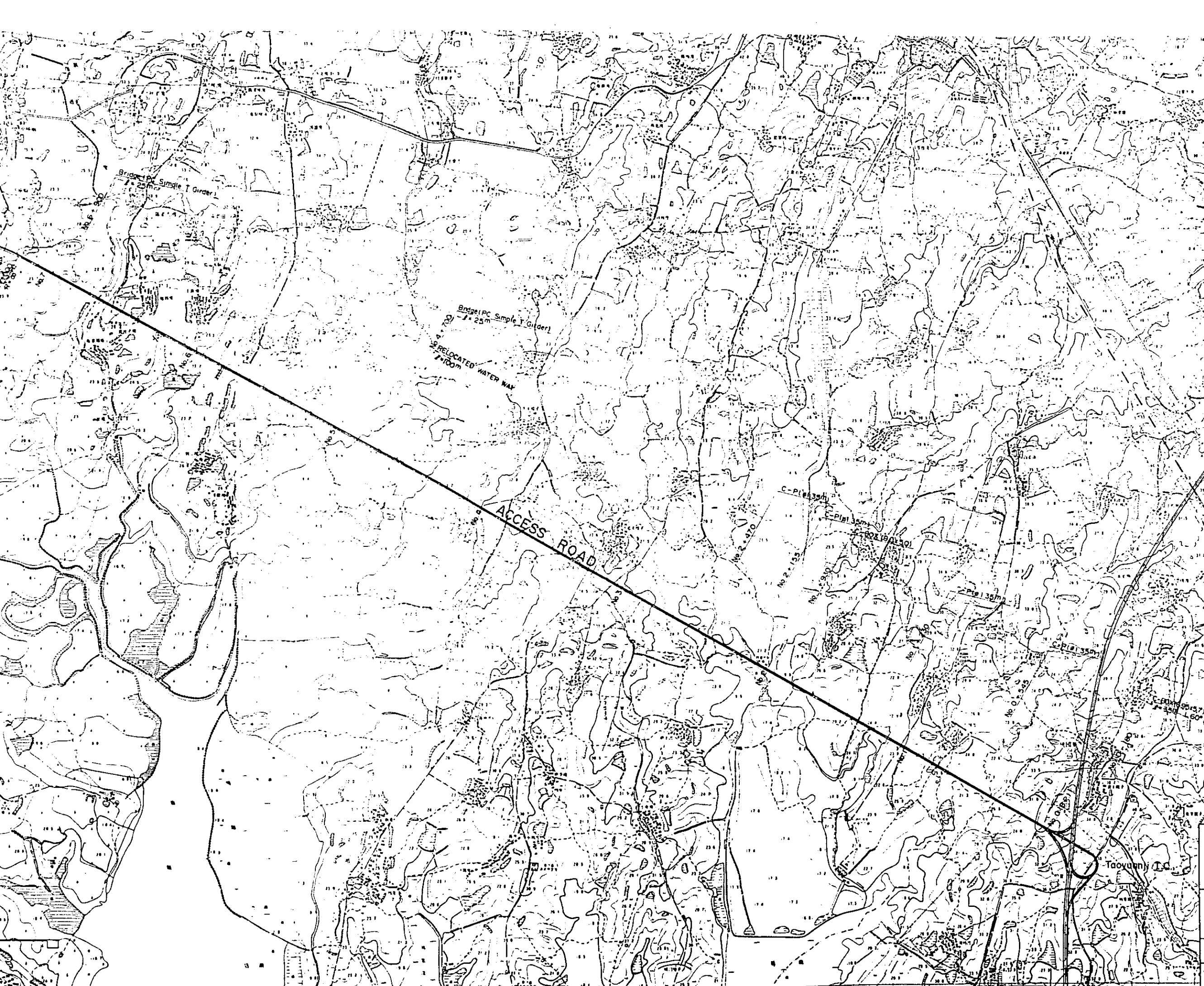
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JAPAN INTERNATIONAL COOPERATION AGENCY
JICA









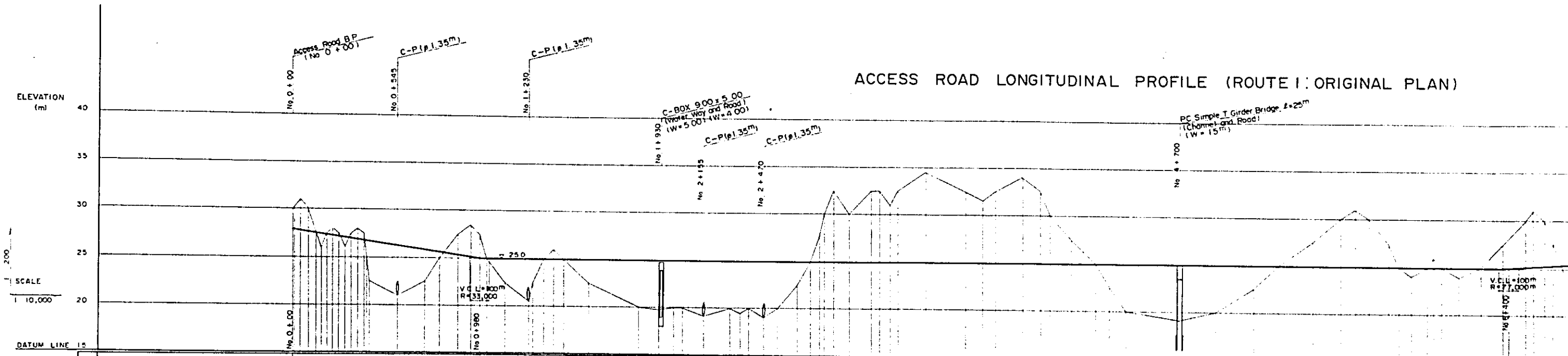
PEOPLE'S REPUBLIC OF CHINA
FEASIBILITY STUDY
ON
THE CONSTRUCTION PROJECT
OF
WUHAN/TIANHE AIRPORT

LAYOUT PLAN

SCALE: 1 : 2 0000 | No. 17 | MAR. 1990

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

ACCESS ROAD LONGITUDINAL PROFILE (ROUTE 1 ORIGINAL PLAN)



ELEVATION (m)
40
35
30
25
20
15

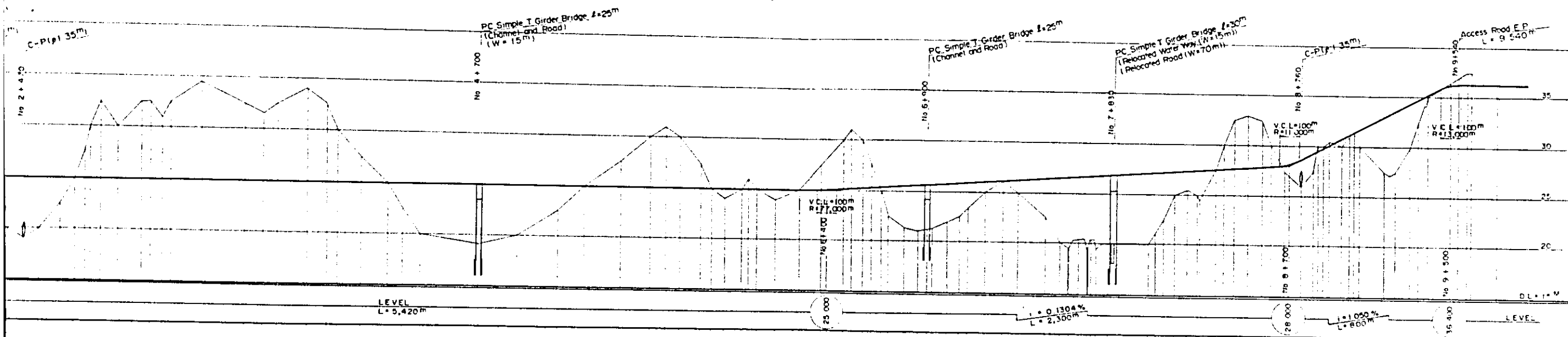
SCALE
1:10,000

DATUM LINE 15

No	SECTION DISTANCE	INITIAL GROUND ELEVATION	PLANNING ELEVATION	GRADE
No. 0+00	0.000	30.00	28.000	
0+40	40.000	31.00		
0+80	80.000	30.00		
0+120	120.000	29.00		
0+160	160.000	28.00		
0+200	200.000	27.50		
0+240	240.000	27.50		
0+280	280.000	28.50		
0+320	320.000	27.50		
0+360	360.000	25.00		
0+400	400.000	26.00		
0+440	440.000	25.00		
0+480	480.000	22.50		
0+520	520.000	20.00		
0+560	560.000	19.80		
0+600	600.000	20.00		
0+640	640.000	20.00		
0+680	680.000	19.00		
0+720	720.000	20.00		
0+760	760.000	22.50		
0+800	800.000	23.00		
0+840	840.000	23.00		
0+880	880.000	32.50		
0+920	920.000	30.00		
0+960	960.000	30.00		
1+000	1000.000	32.50		
1+040	1040.000	32.50		
1+080	1080.000	31.50		
1+120	1120.000	31.00		
1+160	1160.000	32.50		
1+200	1200.000	34.50		
1+240	1240.000	32.50		
1+280	1280.000	32.50		
1+320	1320.000	31.50		
1+360	1360.000	32.50		
1+400	1400.000	34.00		
1+440	1440.000	32.50		
1+480	1480.000	32.50		
1+520	1520.000	30.00		
1+560	1560.000	27.50		
1+600	1600.000	25.00		
1+640	1640.000	22.50		
1+680	1680.000	20.00		
1+720	1720.000	19.00		
1+760	1760.000	20.00		
1+800	1800.000	20.00		
1+840	1840.000	27.50		
1+880	1880.000	30.00		
1+920	1920.000	31.00		
1+960	1960.000	30.00		
2+000	2000.000	27.50		
2+040	2040.000	25.00		
2+080	2080.000	25.00		
2+120	2120.000	24.00		
2+160	2160.000	25.00		
2+200	2200.000	25.00		
2+240	2240.000	24.00		
2+280	2280.000	23.00		
2+320	2320.000	23.00		
2+360	2360.000	24.00		
2+400	2400.000	24.00		
2+440	2440.000	25.00		
2+480	2480.000	25.00		
2+520	2520.000	24.00		
2+560	2560.000	23.00		
2+600	2600.000	23.00		
2+640	2640.000	25.00		
2+680	2680.000	25.00		
2+720	2720.000	24.00		
2+760	2760.000	24.00		
2+800	2800.000	25.00		
2+840	2840.000	25.00		
2+880	2880.000	24.00		
2+920	2920.000	24.00		
2+960	2960.000	25.00		
3+000	3000.000	24.00		

LEVEL
L = 5,420m

ACCESS ROAD LONGITUDINAL PROFILE (ROUTE 1 ORIGINAL PLAN)

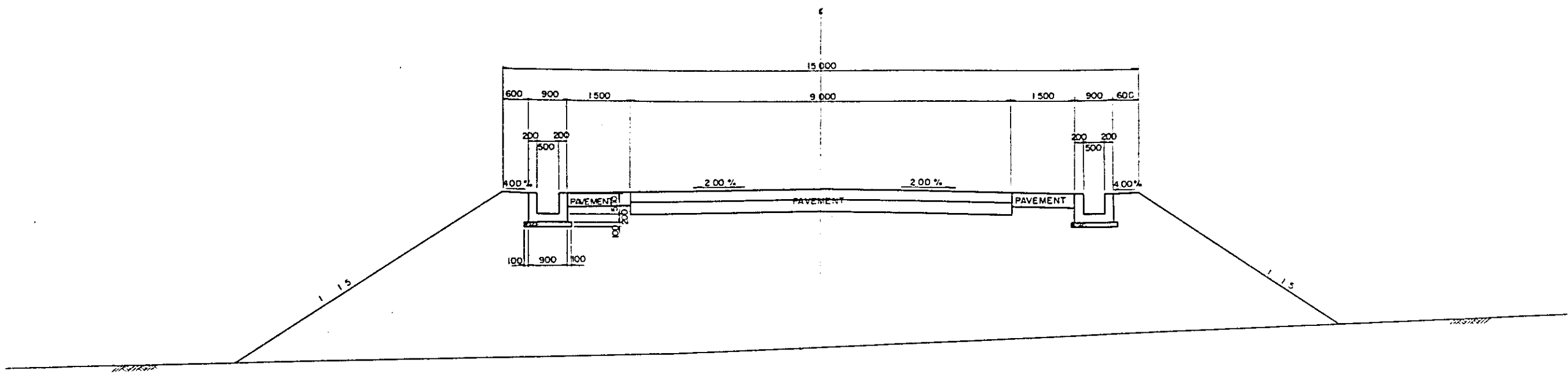


+4.70	80.000	2470.000	19.00
+5.25	75.000	2545.000	20.00
+5.70	70.000	2590.000	22.50
+6.20	65.000	2640.000	25.00
+6.70	60.000	2690.000	27.50
+7.20	55.000	2740.000	30.00
+7.70	50.000	2790.000	32.50
+8.20	45.000	2840.000	35.00
+8.70	40.000	2890.000	37.50
+9.20	35.000	2940.000	40.00
+9.70	30.000	2990.000	42.50
+10.20	25.000	3040.000	45.00
+10.70	20.000	3090.000	47.50
+11.20	15.000	3140.000	50.00
+11.70	10.000	3190.000	52.50
+12.20	5.000	3240.000	55.00
+12.70	0.000	3290.000	57.50
+13.20	5.000	3340.000	60.00
+13.70	10.000	3390.000	62.50
+14.20	15.000	3440.000	65.00
+14.70	20.000	3490.000	67.50
+15.20	25.000	3540.000	70.00
+15.70	30.000	3590.000	72.50
+16.20	35.000	3640.000	75.00
+16.70	40.000	3690.000	77.50
+17.20	45.000	3740.000	80.00
+17.70	50.000	3790.000	82.50
+18.20	55.000	3840.000	85.00
+18.70	60.000	3890.000	87.50
+19.20	65.000	3940.000	90.00
+19.70	70.000	3990.000	92.50
+20.20	75.000	4040.000	95.00
+20.70	80.000	4090.000	97.50
+21.20	85.000	4140.000	100.00
+21.70	90.000	4190.000	102.50
+22.20	95.000	4240.000	105.00
+22.70	100.000	4290.000	107.50
+23.20	105.000	4340.000	110.00
+23.70	110.000	4390.000	112.50
+24.20	115.000	4440.000	115.00
+24.70	120.000	4490.000	117.50
+25.20	125.000	4540.000	120.00
+25.70	130.000	4590.000	122.50
+26.20	135.000	4640.000	125.00
+26.70	140.000	4690.000	127.50
+27.20	145.000	4740.000	130.00
+27.70	150.000	4790.000	132.50
+28.20	155.000	4840.000	135.00
+28.70	160.000	4890.000	137.50
+29.20	165.000	4940.000	140.00
+29.70	170.000	4990.000	142.50
+30.20	175.000	5040.000	145.00
+30.70	180.000	5090.000	147.50
+31.20	185.000	5140.000	150.00
+31.70	190.000	5190.000	152.50
+32.20	195.000	5240.000	155.00
+32.70	200.000	5290.000	157.50
+33.20	205.000	5340.000	160.00
+33.70	210.000	5390.000	162.50
+34.20	215.000	5440.000	165.00
+34.70	220.000	5490.000	167.50
+35.20	225.000	5540.000	170.00
+35.70	230.000	5590.000	172.50
+36.20	235.000	5640.000	175.00
+36.70	240.000	5690.000	177.50
+37.20	245.000	5740.000	180.00
+37.70	250.000	5790.000	182.50
+38.20	255.000	5840.000	185.00
+38.70	260.000	5890.000	187.50
+39.20	265.000	5940.000	190.00
+39.70	270.000	5990.000	192.50
+40.20	275.000	6040.000	195.00
+40.70	280.000	6090.000	197.50
+41.20	285.000	6140.000	200.00
+41.70	290.000	6190.000	202.50
+42.20	295.000	6240.000	205.00
+42.70	300.000	6290.000	207.50
+43.20	305.000	6340.000	210.00
+43.70	310.000	6390.000	212.50
+44.20	315.000	6440.000	215.00
+44.70	320.000	6490.000	217.50
+45.20	325.000	6540.000	220.00
+45.70	330.000	6590.000	222.50
+46.20	335.000	6640.000	225.00
+46.70	340.000	6690.000	227.50
+47.20	345.000	6740.000	230.00
+47.70	350.000	6790.000	232.50
+48.20	355.000	6840.000	235.00
+48.70	360.000	6890.000	237.50
+49.20	365.000	6940.000	240.00
+49.70	370.000	6990.000	242.50
+50.20	375.000	7040.000	245.00
+50.70	380.000	7090.000	247.50
+51.20	385.000	7140.000	250.00
+51.70	390.000	7190.000	252.50
+52.20	395.000	7240.000	255.00
+52.70	400.000	7290.000	257.50
+53.20	405.000	7340.000	260.00
+53.70	410.000	7390.000	262.50
+54.20	415.000	7440.000	265.00
+54.70	420.000	7490.000	267.50
+55.20	425.000	7540.000	270.00
+55.70	430.000	7590.000	272.50
+56.20	435.000	7640.000	275.00
+56.70	440.000	7690.000	277.50
+57.20	445.000	7740.000	280.00
+57.70	450.000	7790.000	282.50
+58.20	455.000	7840.000	285.00
+58.70	460.000	7890.000	287.50
+59.20	465.000	7940.000	290.00
+59.70	470.000	7990.000	292.50
+60.20	475.000	8040.000	295.00
+60.70	480.000	8090.000	297.50
+61.20	485.000	8140.000	300.00
+61.70	490.000	8190.000	302.50
+62.20	495.000	8240.000	305.00
+62.70	500.000	8290.000	307.50
+63.20	505.000	8340.000	310.00
+63.70	510.000	8390.000	312.50
+64.20	515.000	8440.000	315.00
+64.70	520.000	8490.000	317.50
+65.20	525.000	8540.000	320.00
+65.70	530.000	8590.000	322.50
+66.20	535.000	8640.000	325.00
+66.70	540.000	8690.000	327.50
+67.20	545.000	8740.000	330.00
+67.70	550.000	8790.000	332.50
+68.20	555.000	8840.000	335.00
+68.70	560.000	8890.000	337.50
+69.20	565.000	8940.000	340.00
+69.70	570.000	8990.000	342.50
+70.20	575.000	9040.000	345.00
+70.70	580.000	9090.000	347.50
+71.20	585.000	9140.000	350.00
+71.70	590.000	9190.000	352.50
+72.20	595.000	9240.000	355.00
+72.70	600.000	9290.000	357.50
+73.20	605.000	9340.000	360.00
+73.70	610.000	9390.000	362.50
+74.20	615.000	9440.000	365.00
+74.70	620.000	9490.000	367.50
+75.20	625.000	9540.000	370.00
+75.70	630.000	9590.000	372.50
+76.20	635.000	9640.000	375.00
+76.70	640.000	9690.000	377.50
+77.20	645.000	9740.000	380.00
+77.70	650.000	9790.000	382.50
+78.20	655.000	9840.000	385.00
+78.70	660.000	9890.000	387.50
+79.20	665.000	9940.000	390.00
+79.70	670.000	9990.000	392.50
+80.20	675.000	10040.000	395.00
+80.70	680.000	10090.000	397.50
+81.20	685.000	10140.000	400.00
+81.70	690.000	10190.000	402.50
+82.20	695.000	10240.000	405.00
+82.70	700.000	10290.000	407.50
+83.20	705.000	10340.000	410.00
+83.70	710.000	10390.000	412.50
+84.20	715.000	10440.000	415.00
+84.70	720.000	10490.000	417.50
+85.20	725.000	10540.000	420.00
+85.70	730.000	10590.000	422.50
+86.20	735.000	10640.000	425.00
+86.70	740.000	10690.000	427.50
+87.20	745.000	10740.000	430.00
+87.70	750.000	10790.000	432.50
+88.20	755.000	10840.000	435.00
+88.70	760.000	10890.000	437.50
+89.20	765.000	10940.000	440.00
+89.70	770.000	10990.000	442.50
+90.20	775.000	11040.000	445.00
+90.70	780.000	11090.000	447.50
+91.20	785.000	11140.000	450.00
+91.70	790.000	11190.000	452.50
+92.20	795.000	11240.000	455.00
+92.70	800.000	11290.000	457.50
+93.20	805.000	11340.000	460.00
+93.70	810.000	11390.000	462.50
+94.20	815.000	11440.000	465.00
+94.70	820.000	11490.000	467.50
+95.20	825.000	11540.000	470.00
+95.70	830.000	11590.000	472.50
+96.20	835.000	11640.000	475.00
+96.70	840.000	11690.000	477.50
+97.20	845.000	11740.000	480.00
+97.70	850.000	11790.000	482.50
+98.20	855.000	11840.000	485.00
+98.70	860.000	11890.000	487.50
+99.20	865.000	11940.000	490.00
+99.70	870.000	11990.000	492.50
+100.20	875.000	12040.000	495.00
+100.70	880.000	12090.000	497.50
+101.20	885.000	12140.000	500.00
+101.70	890.000	12190.000	502.50
+102.20	895.000	12240.000	505.00
+102.70	900.000	12290.000	507.50
+103.20	905.000	12340.000	510.00
+103.70	910.000	12390.000	512.50
+104.20	915.000	12440.000	515.00
+104.70	920.000	12490.000	517.50
+105.20	925.000	12540.000	520.00
+105.70	930.000	12590.000	522.50
+106.20	935.000	12640.000	525.00
+106.70	940.000	12690.000	527.50
+107.20	945.000	12740.000	530.00
+107.70	950.000	12790.000	532.50
+108.20	955.000	12840.000	535.00
+108.70	960.000	12890.000	537.50
+109.20	965.000	12940.000	540.00
+109.70	970.000	12990.000	542.50
+110.20	975.000	13040.000	545.00
+110.70	980.000	13090.000	547.50
+111.20	985.000	13140.000	550.00
+111.70	990.000	13190.000	552.50
+112.20	995.000	13240.000	555.00
+112.70	1000.000	13290.000	557.50
+113.20	1005.000	13340.000	560.00
+113.70	1010.000	13390.000	562.50
+114.20	1015.000	13440.000	565.00
+114.70	1020.000	13490.000	567.50
+115.20	1025.000	13540.000	570.00
+115.70	1030.000	13590.000	572.50
+116.20	1035.000	13640.000	575.00
+116			

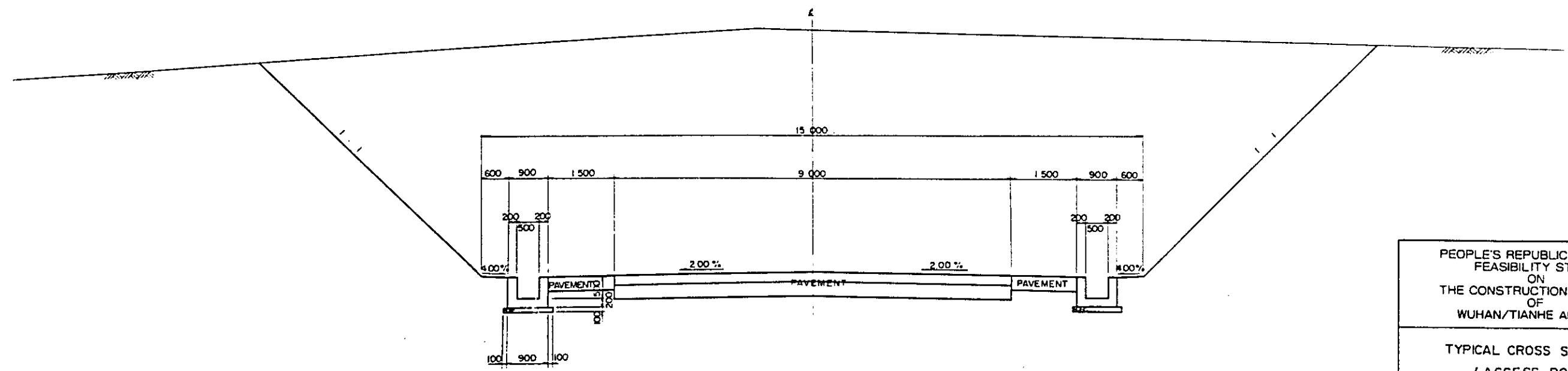
TYPICAL CROSS SECTION S = 1:100

(ACCESS ROAD)

EMBANKMENT SECTION



CUTTING SECTION

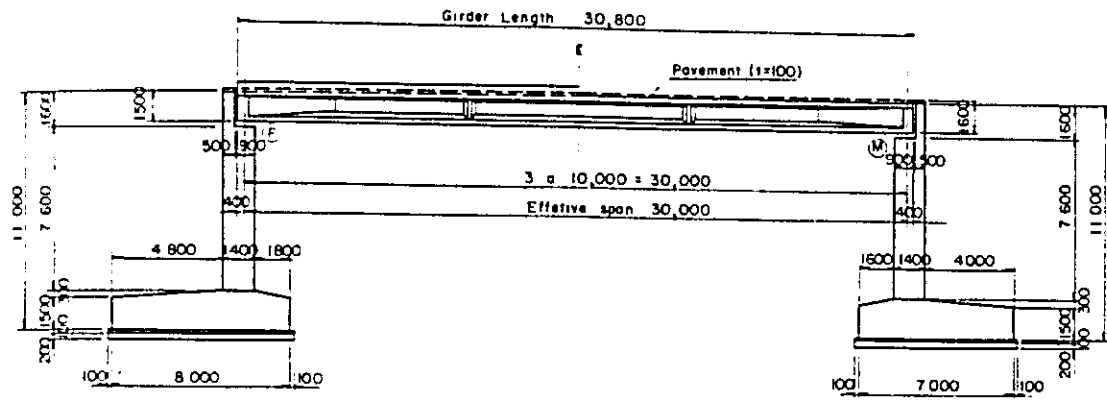


PEOPLE'S REPUBLIC OF CHINA FEASIBILITY STUDY ON THE CONSTRUCTION PROJECT OF WUHAN/TIANHE AIRPORT		
TYPICAL CROSS SECTION (ACCESS ROAD)		
SCALE: 1:100	No.C-20	MAR. 1990
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		

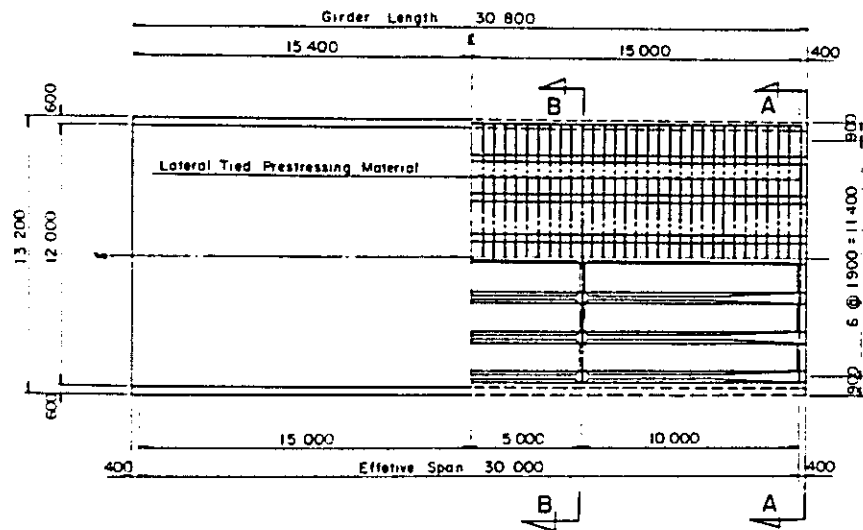
NO.7+830 BRIDGE GENERAL VIEW (Post-tension Simple girder of T-section Method)

NO.0-180 ACCESS ROAD BOX-CULVERT GENERAL VIEW

SIDE ELEVATION

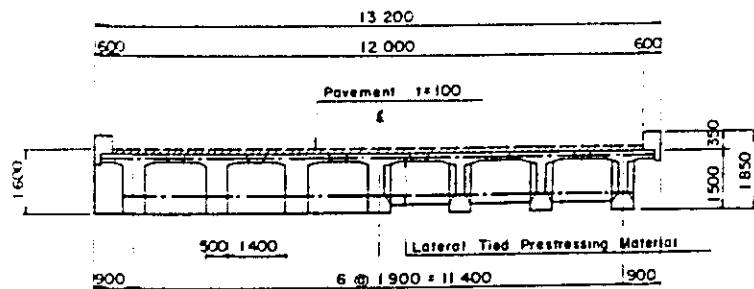


PLAN



SECTION

A - A B - B

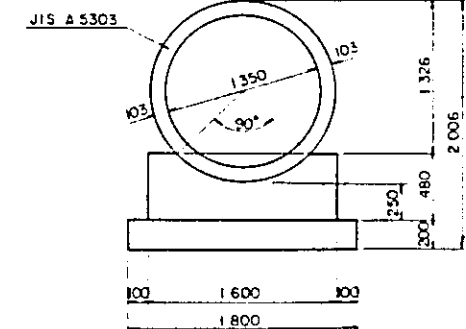
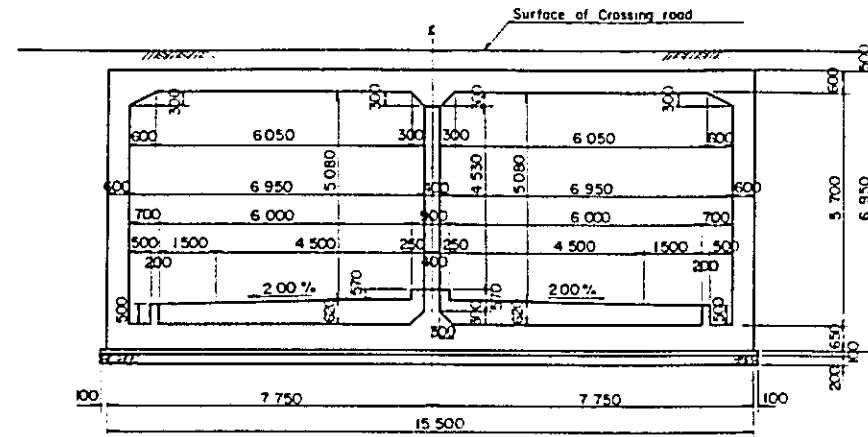


MAIN GIRDER SECTION

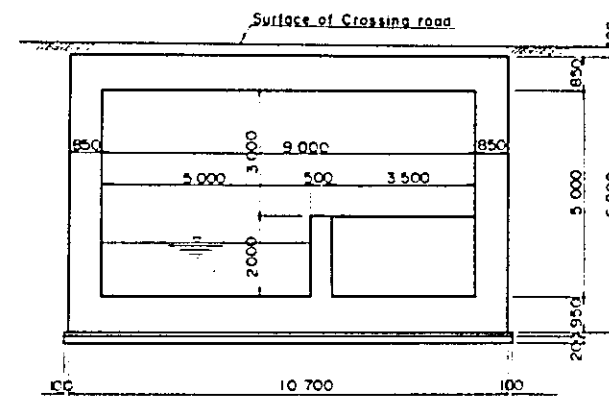
BRIDGE LIST

Location	Upper Structure				Substructure				Note	
	Type	Bridge Length (m)	Width (m)	Area (m ²)	Girder Height (m)	Abut Height (m)	Concrete (m ³)	Reinforcement Bar (t)		Form (m ²)
No 4 + 700	PC T	25.0	12.0	300	1.4	9.0	520	26	630	Channel
No 6 + 900	"	25.0	12.0	300	1.4	7.5	380	19	500	Channel
No 7 + 830	"	30.0	12.0	360	1.5	11.0	700	35	920	Channel, Road

PIPE - CULVERT GENERAL VIEW



NO.1+930 BOX-CULVERT GENERAL VIEW



BOX - CULVERT LIST

Location	Size	Length	Overburden	Quantity List			Note
				Concrete	Reinforcement Bar	Form	
NO 0 - 180	(6.95x5.70) x 2	35.0	0.5	1,060	106	1,950	Access Road
NO 1 + 930	9.00 x 5.00	15.0	0.3	490	49	810	Waterway Road

PIPE - CULVERT LIST

Location	Type, Diameter (m)	Overburden (m)	Length (m)	Note
No 0 + 545	RC - φ 1,350	3.8	27.0	LR
No 1 + 230	" - φ 1,350	3.0	34.0	L50"
No 2 + 155	" - φ 1,350	4.5	29.0	LP
No 2 + 470	" - φ 1,350	4.5	36.0	R60"
No 8 + 760	" - φ 1,350	1.0	18.0	LR

PEOPLE'S REPUBLIC OF CHINA
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OF
WUHAN/TIANHE AIRPORT

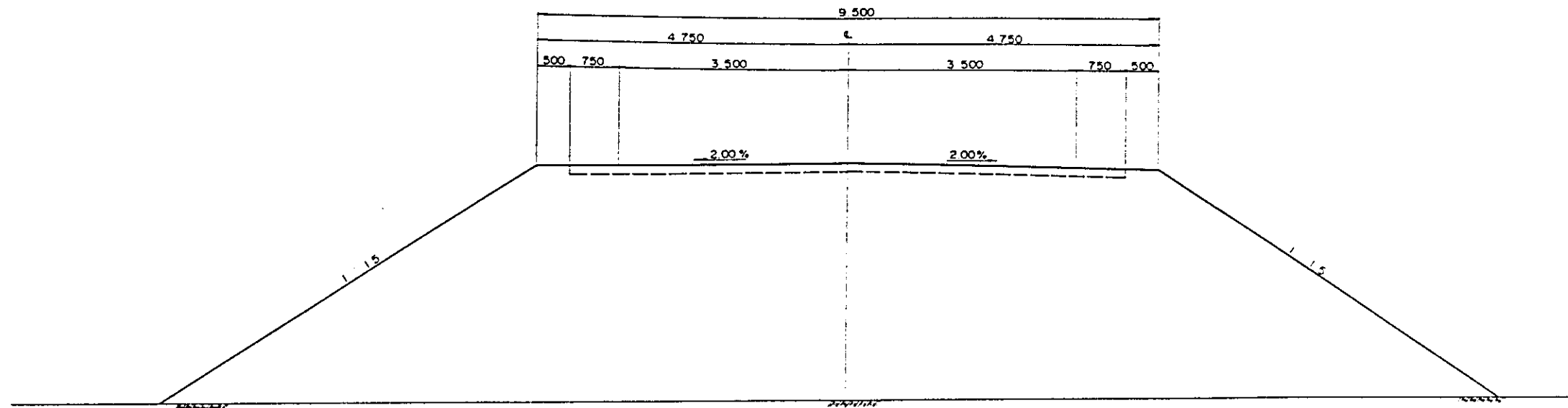
CONCRETE STRUCTURES GENERAL
VIEW (ACCESS ROAD)

SCALE: AS SHOWN | No C-21 | MAR. 1990

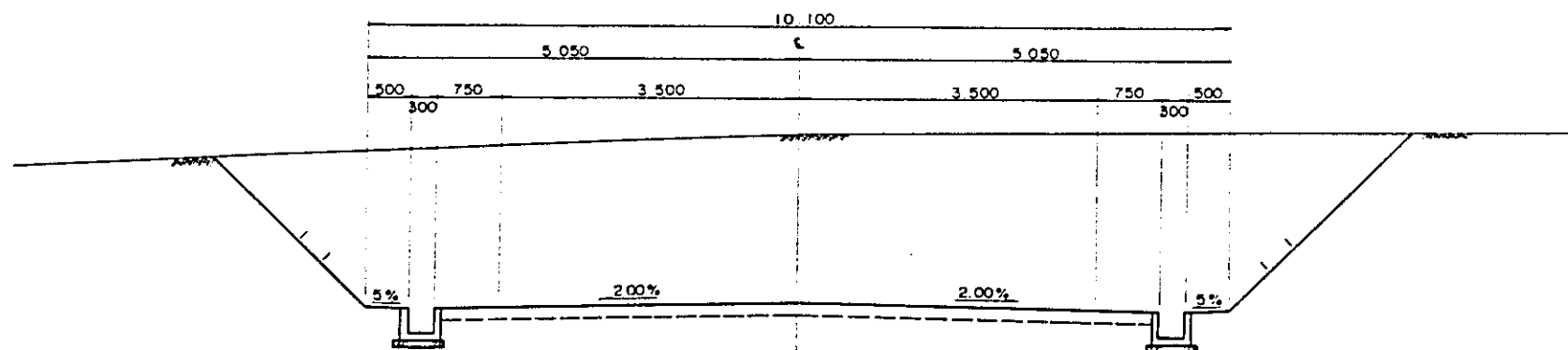
JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

Relocated Road Typical Cross Section $s=1:80$

Embankment Area



Cut Area

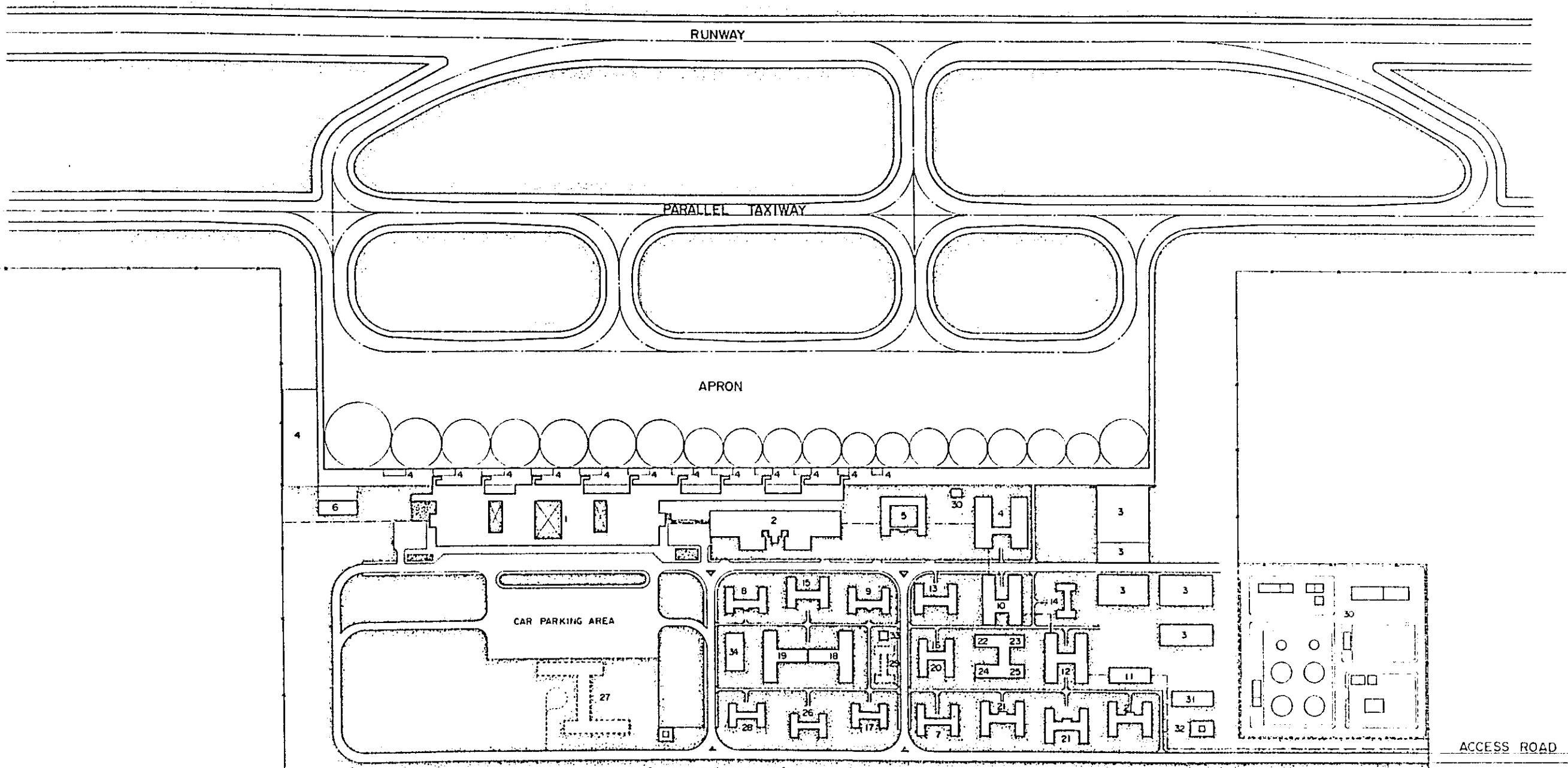


PEOPLE'S REPUBLIC OF CHINA
FEASIBILITY STUDY
ON
THE CONSTRUCTION PROJECT
OF
WUHAN/TIANHE AIRPORT

RELOCATED ROAD
TYPICAL CROSS SECTION

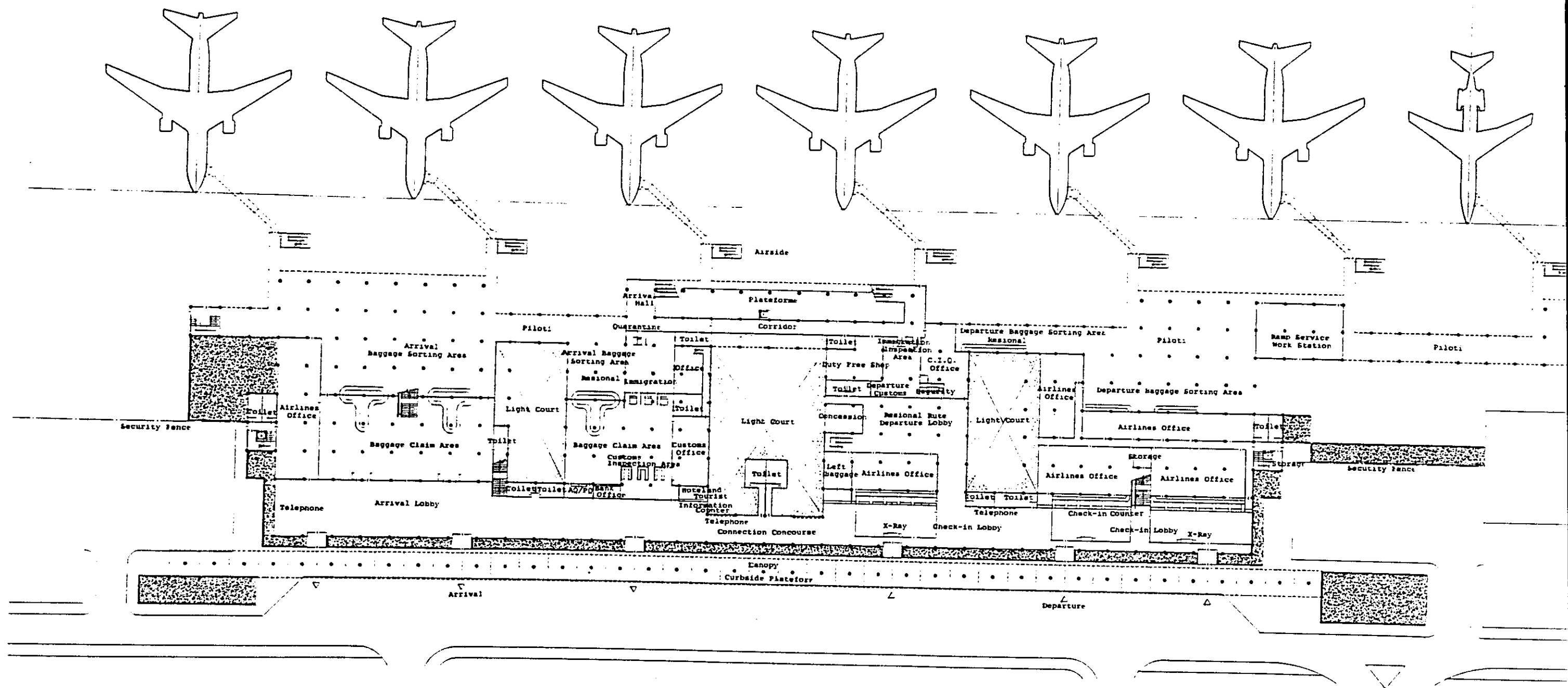
SCALE 1:80 | No. C-22 | MAR. 1990

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

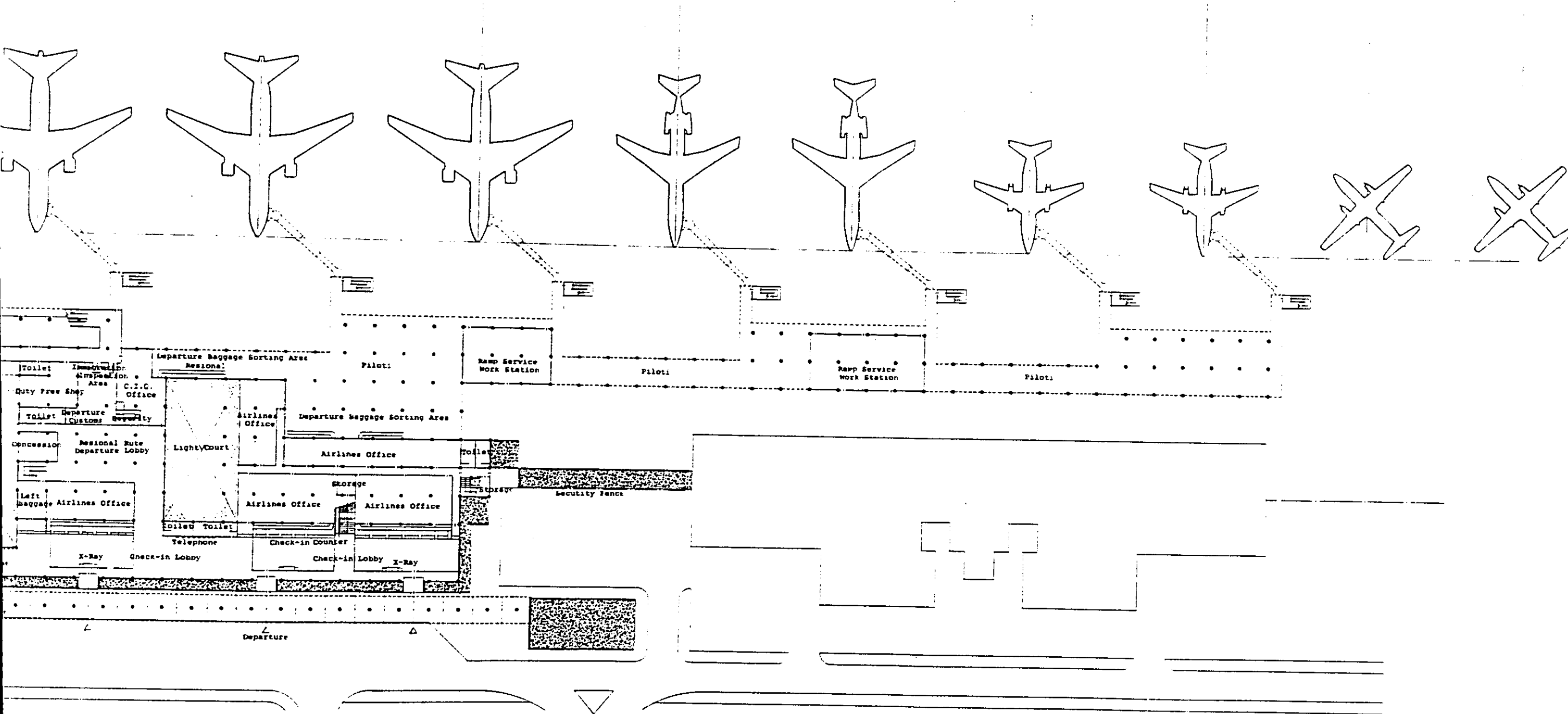


Legend
 [Solid Line] : Facilities as of Design Year (2000)
 [Dashed Line] : Future Facilities
 [Double Line] : Airport Boundary Fence
 [Single Line] : Security Fence

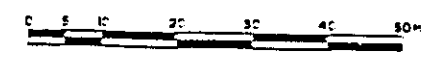
- | | | |
|---|--|---|
| 1 Passenger Terminal Building | 12 Common Storage | 23 Electric Division of Service Facility |
| 2 Cargo Terminal Building | 13 Airfield Administration Staffs' Building | 24 Culture Center Facility |
| 3 Aircraft Maintenance Facilities | 14 Storage for Building Materials | 25 Public Bath Facility |
| 4 Ground Support Equipment Facilities | 15 Pilot and Crew Facility | 26 Public Nursery and Kindergarten Facility |
| 5 Air Traffic Control Tower/Meteorological Facility | 16 Medical Check and Health Control Building | 27 Guest House and Hotel Facility |
| 6 Rescue and Fire-fighting Facility | 17 Staff Housing for Unmarried Persons | 28 Staff Accomodations Facility |
| 7 Guard Facility | 18 Canteens for Airlines | 29 C.I.O. Staff Building |
| 8 Administration Building (A/A) | 19 Canteens for Airport Authority | 30 Airport Fuel Depot and L.P.G. Station |
| 9 Administration Building (A/L) | 20 Clinic/Medical Office Building | 31 Main Substation Facility |
| 10 Catering Facility | 21 Staff Housing for Married Persons | 32 Telephone Service Station Facility |
| 11 Storage for Cabin Accessories | 22 Messiares and Living Service Facility | 33 Airport Water Station Facility |
| | | 34 Boiler Station Facility |

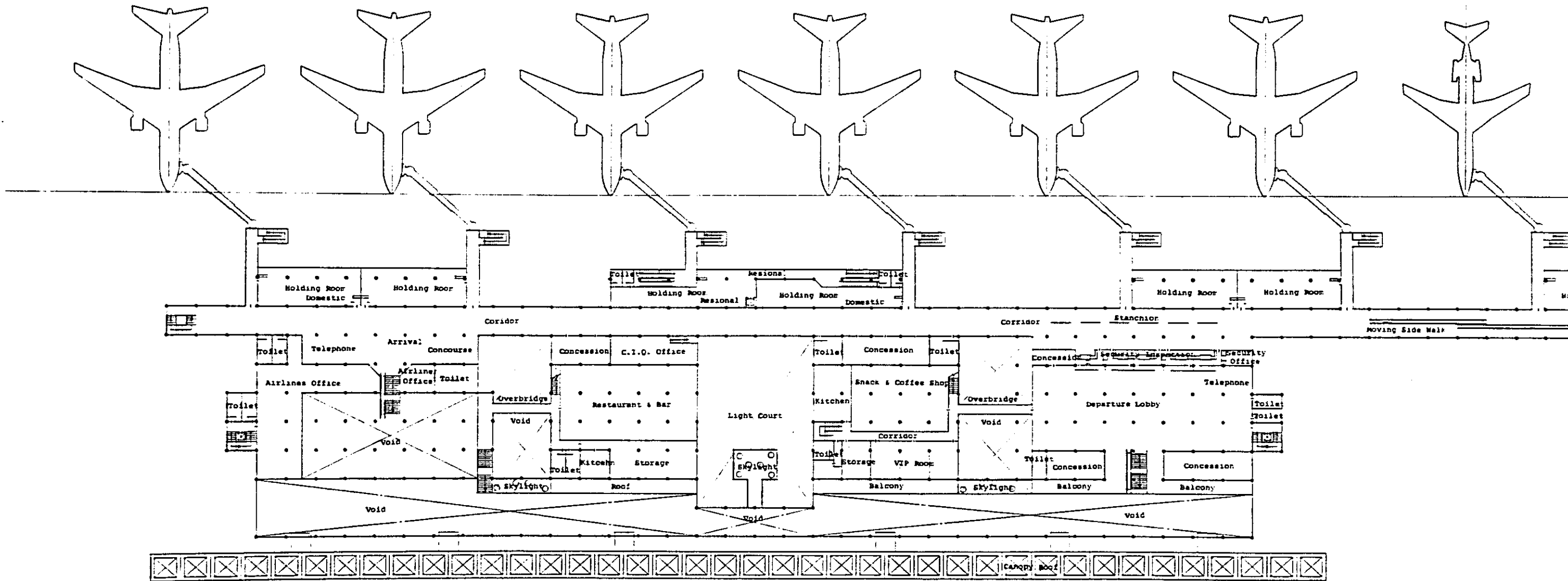


FIRST FLOOR PLAN

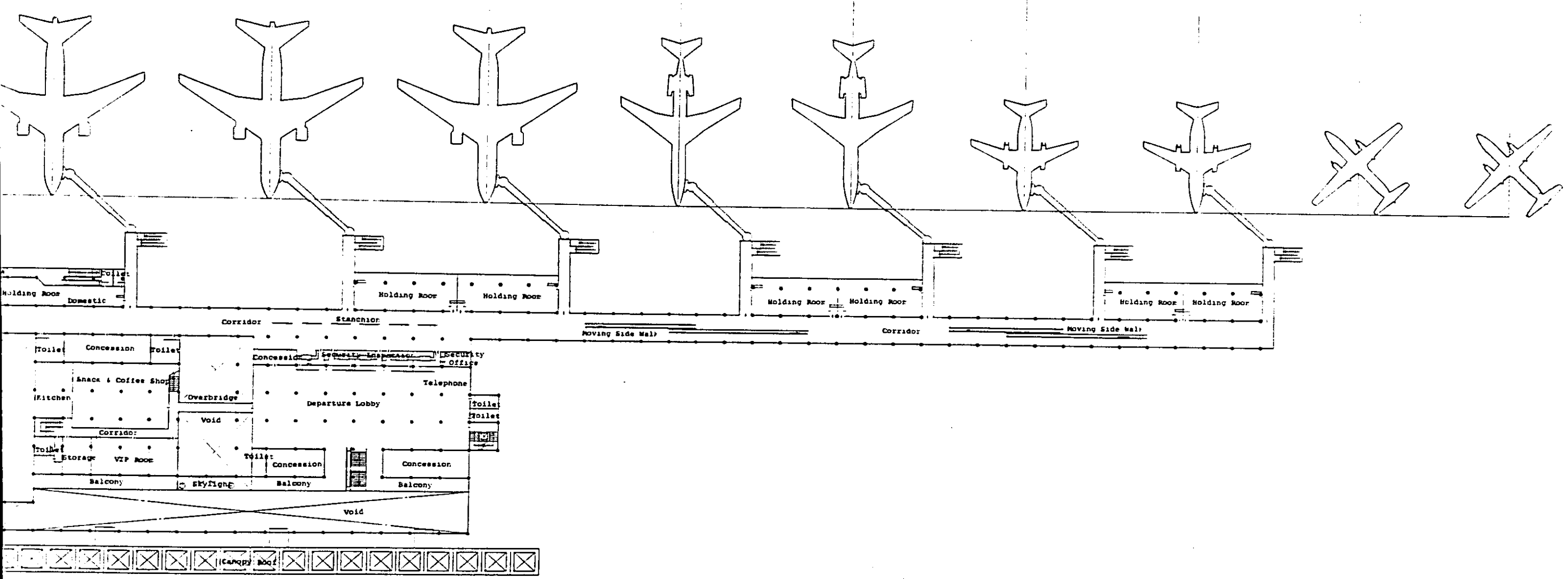


FIRST FLOOR PLAN



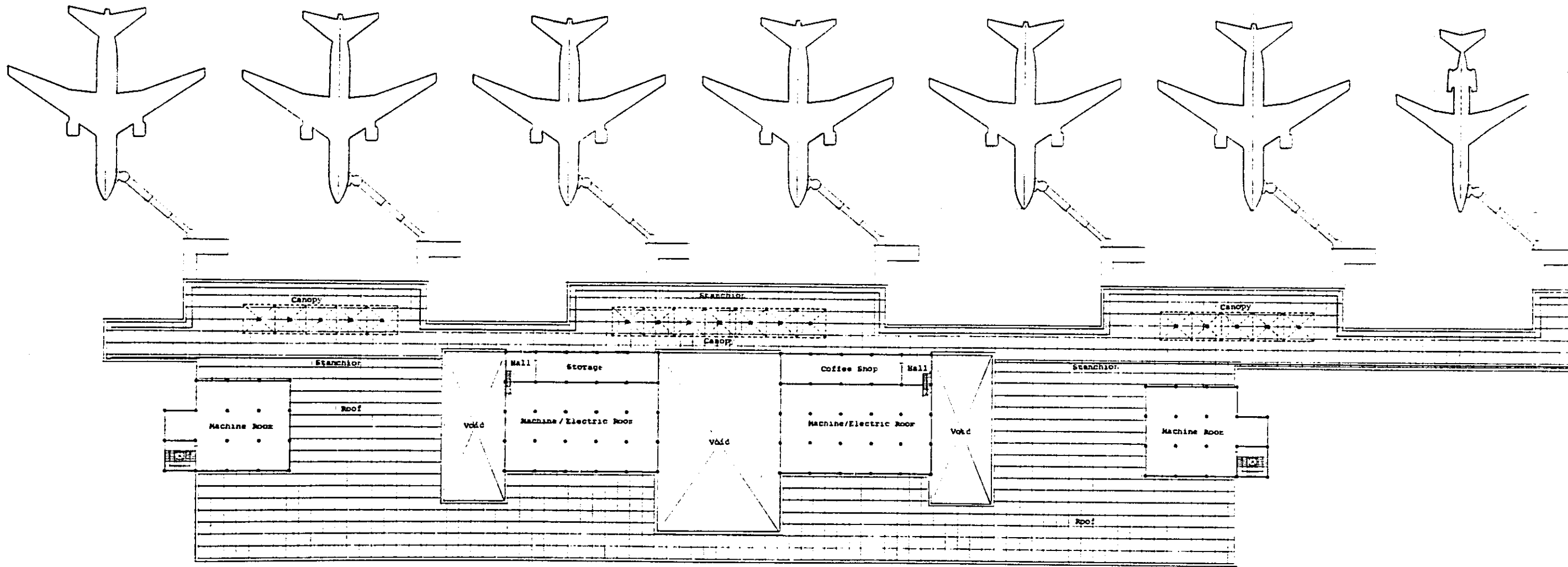


SECOND FLOOR PLAN

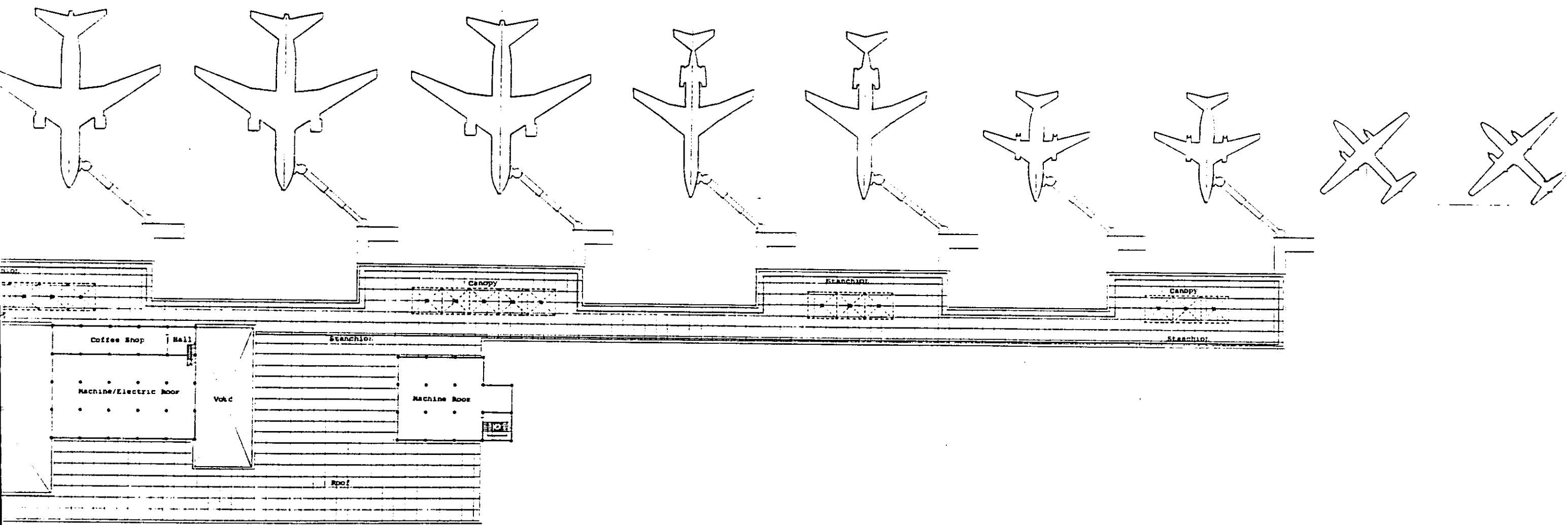


SECOND FLOOR PLAN



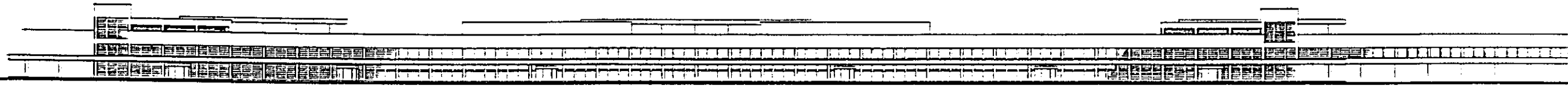


THIRD FLOOR PLAN



THIRD FLOOR PLAN

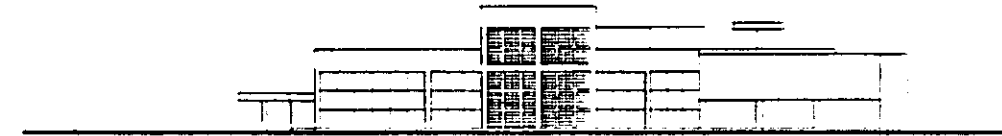




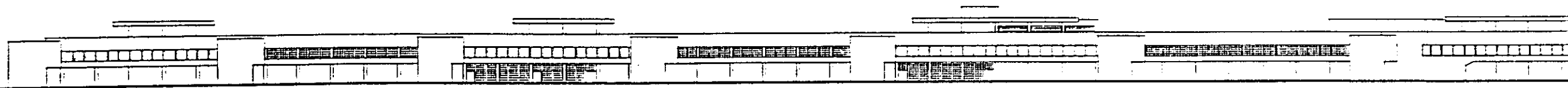
CURBSIDE ELEVATION



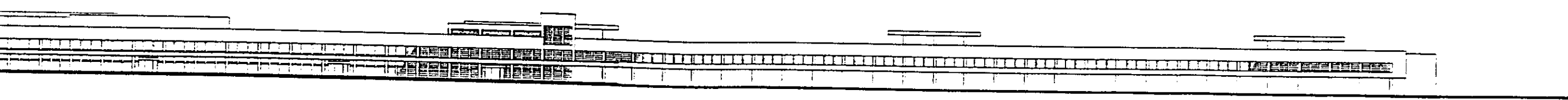
SOUTH ELEVATION




NORTH ELEVATION



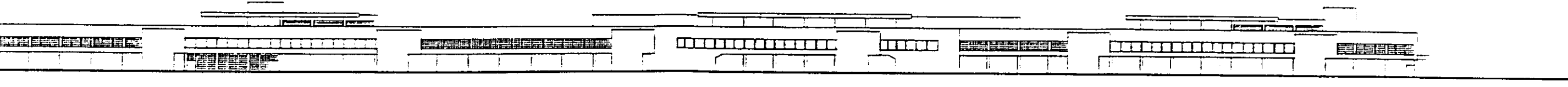
AIRSIDE ELEVATION



CURBSIDE ELEVATION

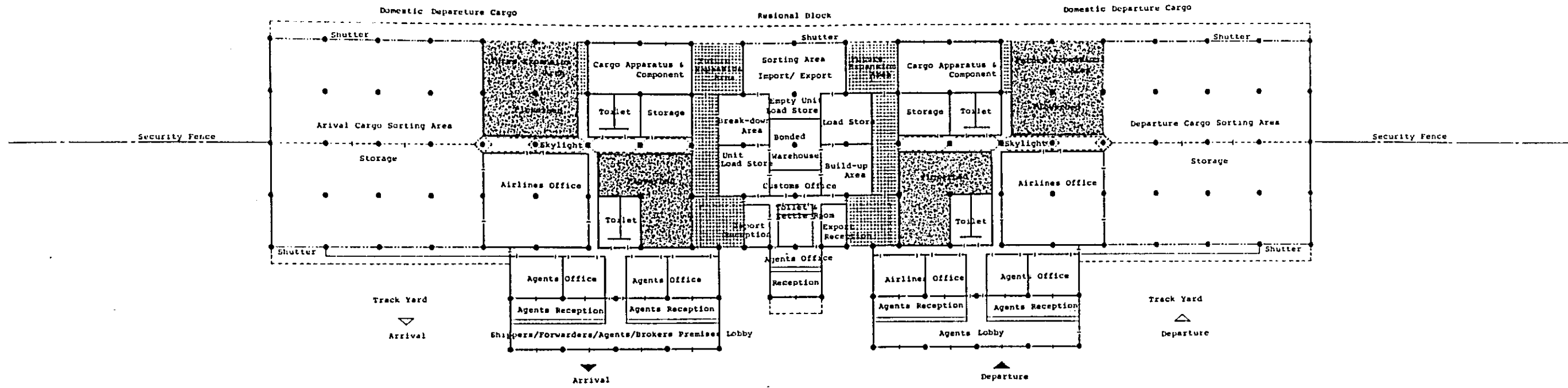


NORTH ELEVATION

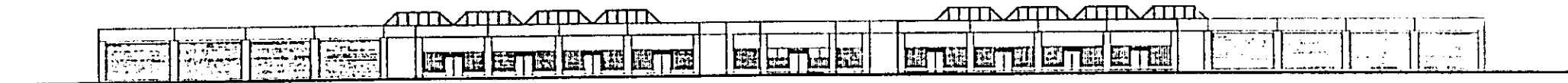


AIRSIDE ELEVATION

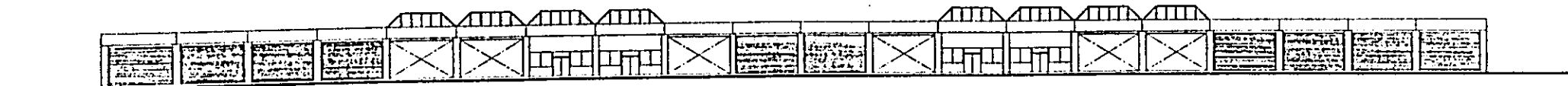




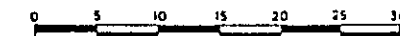
FIRST FLOOR PLAN

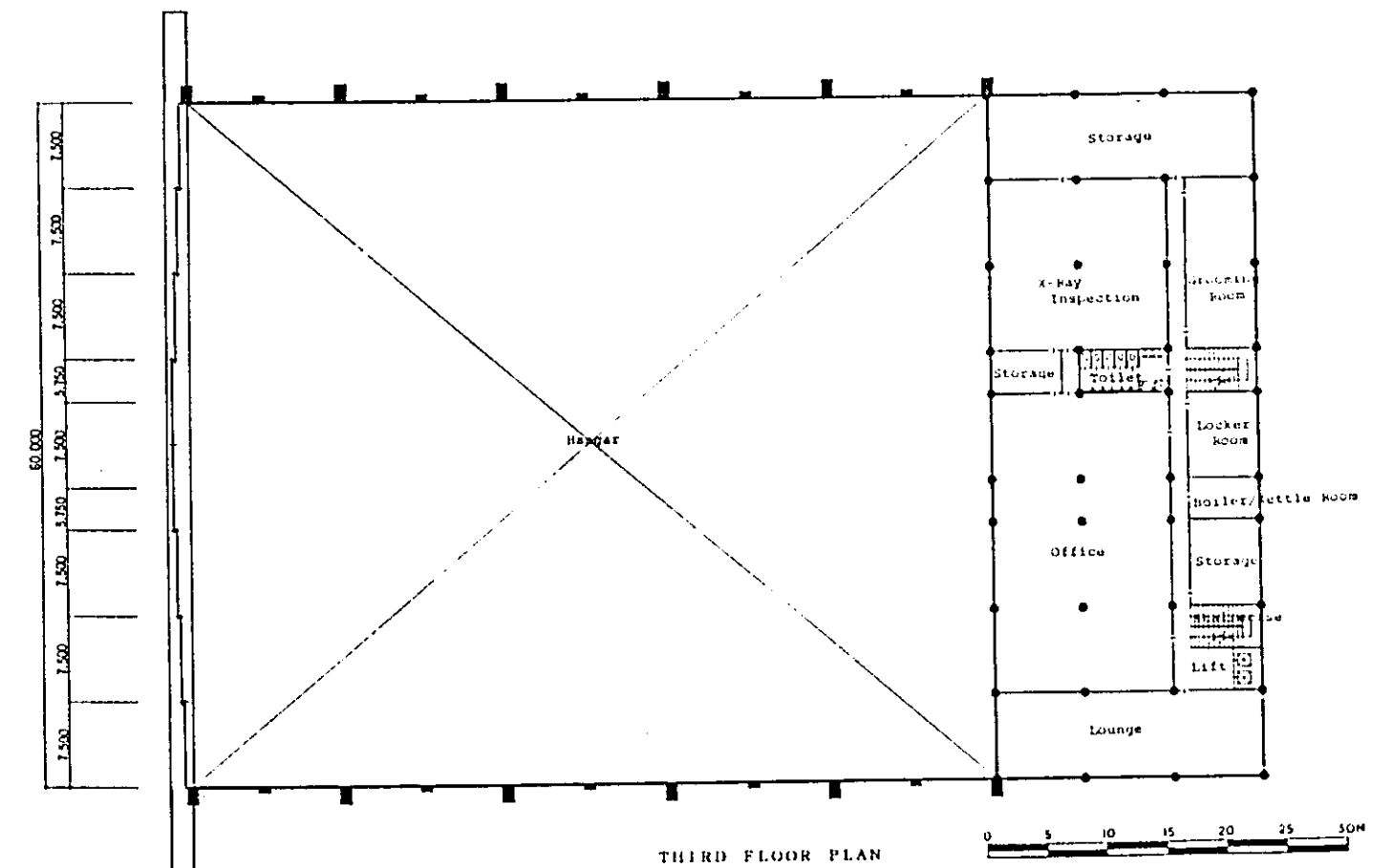
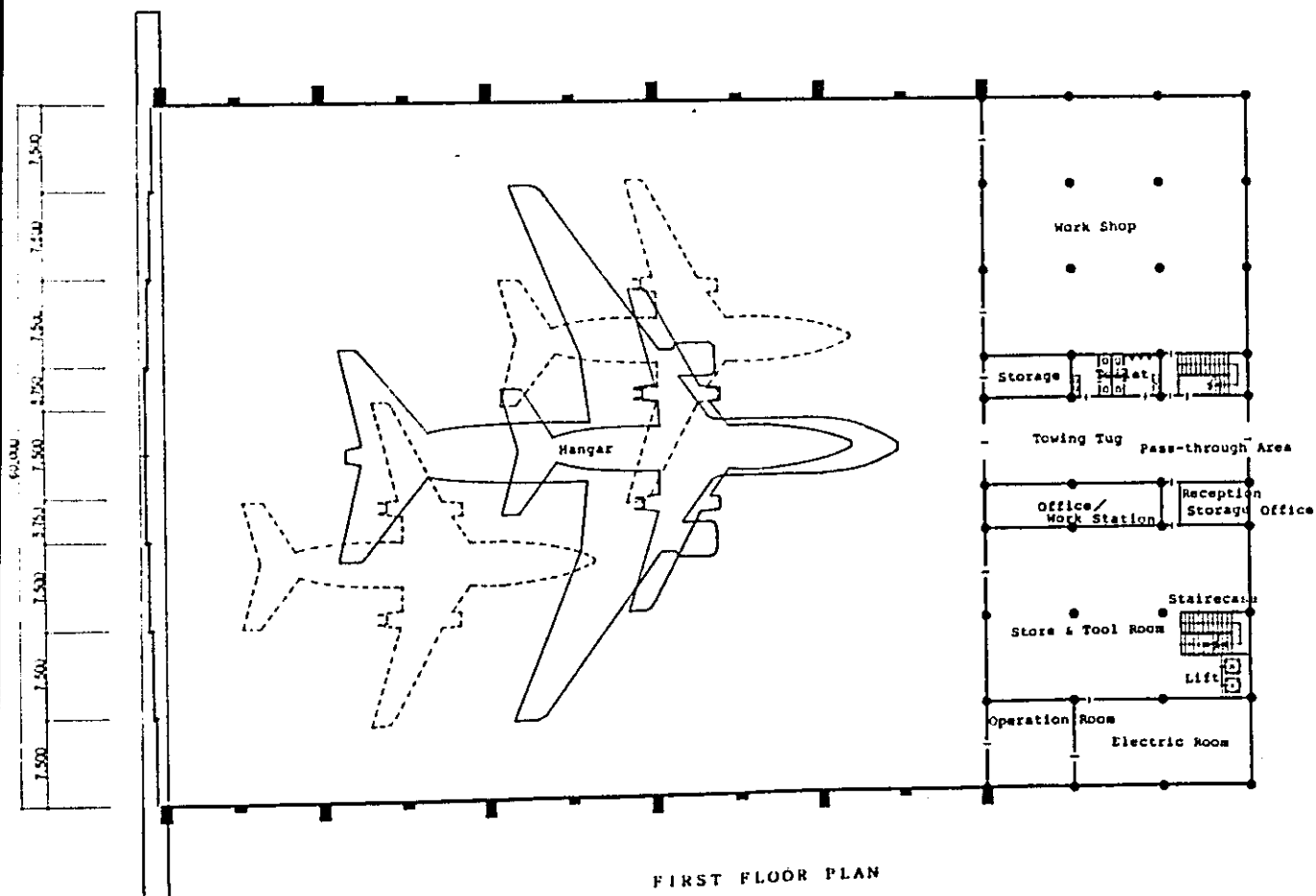
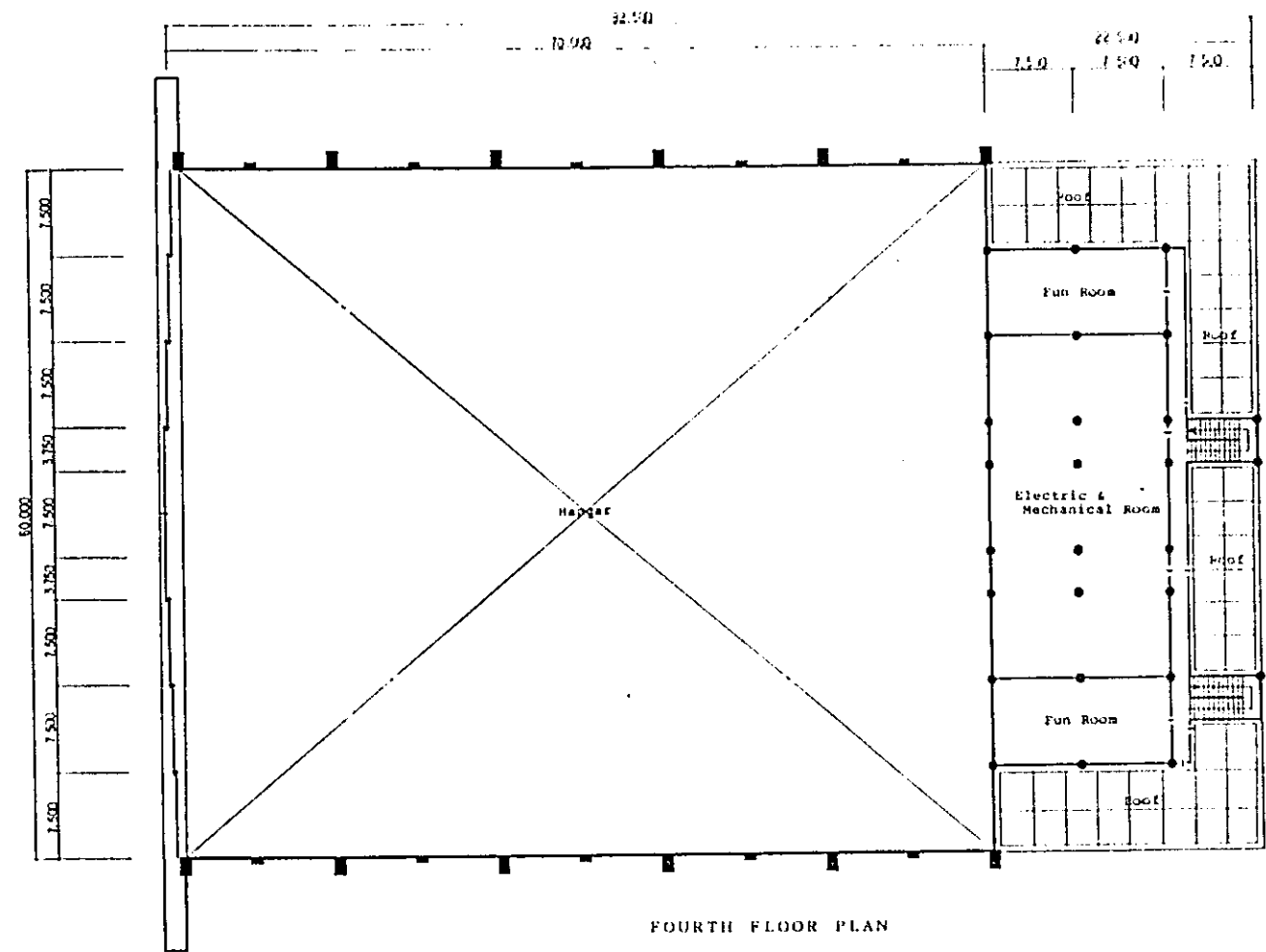
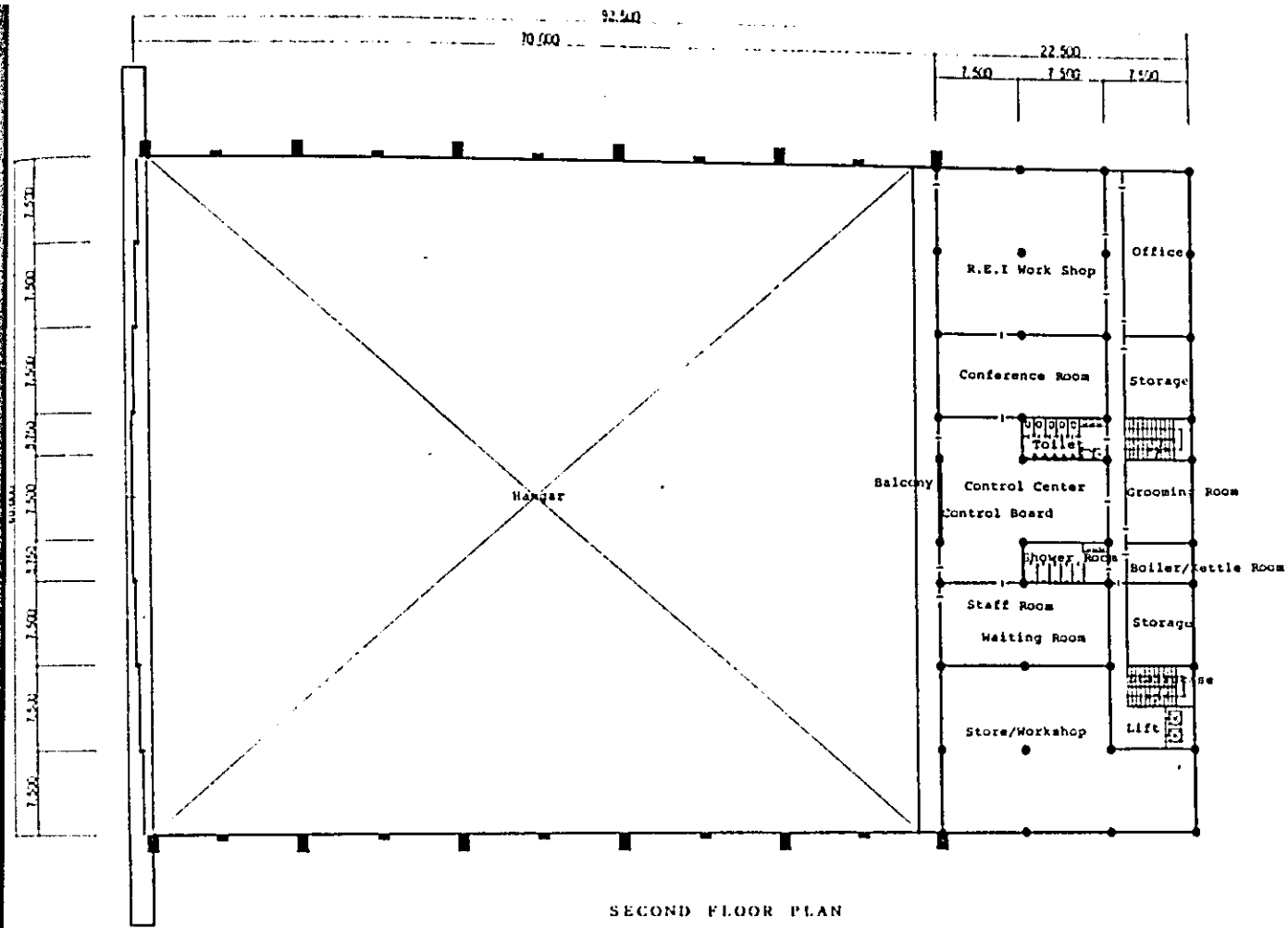


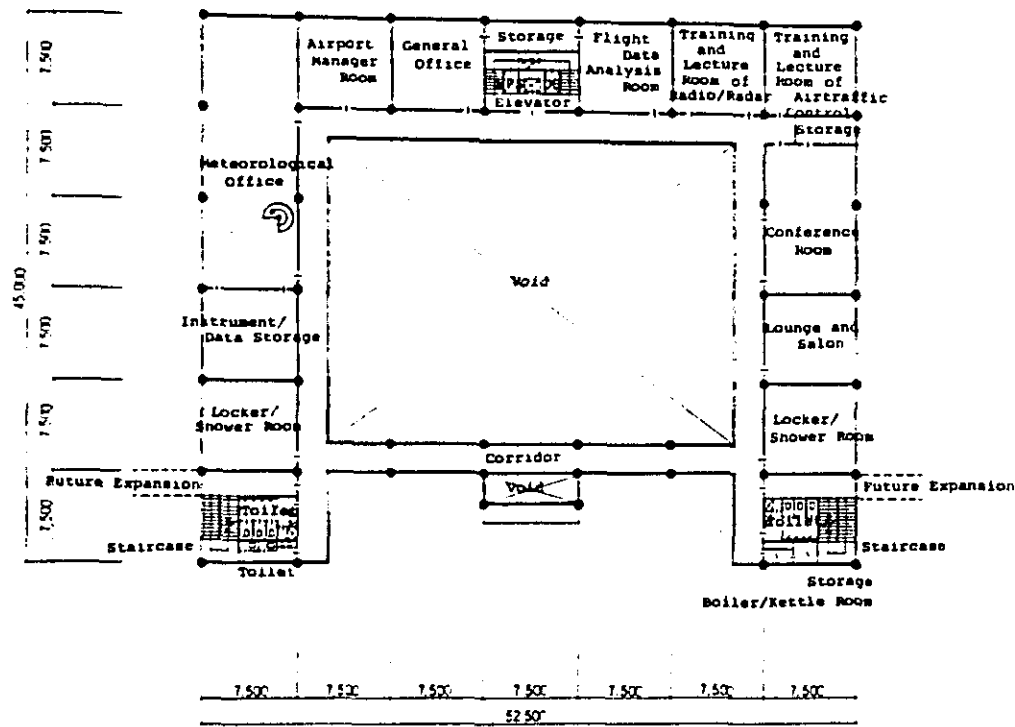
CURBSIDE ELEVATION



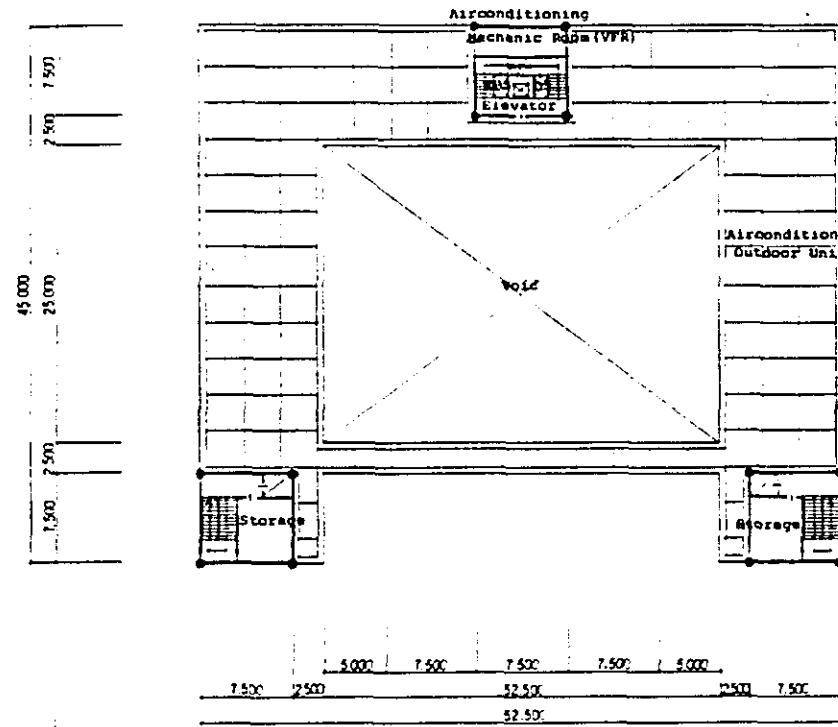
AIRSIDE ELEVATION



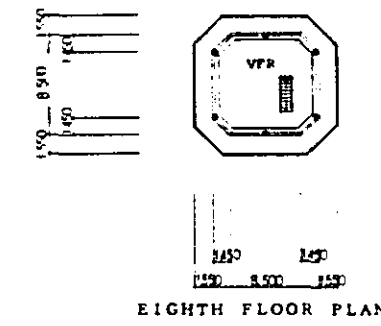




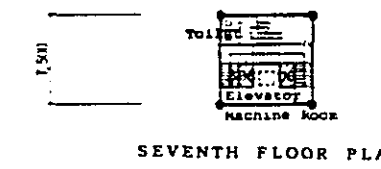
SECOND FLOOR PLAN



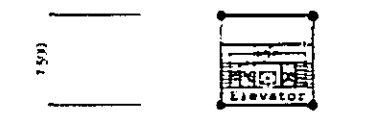
FOURTH FLOOR PLAN



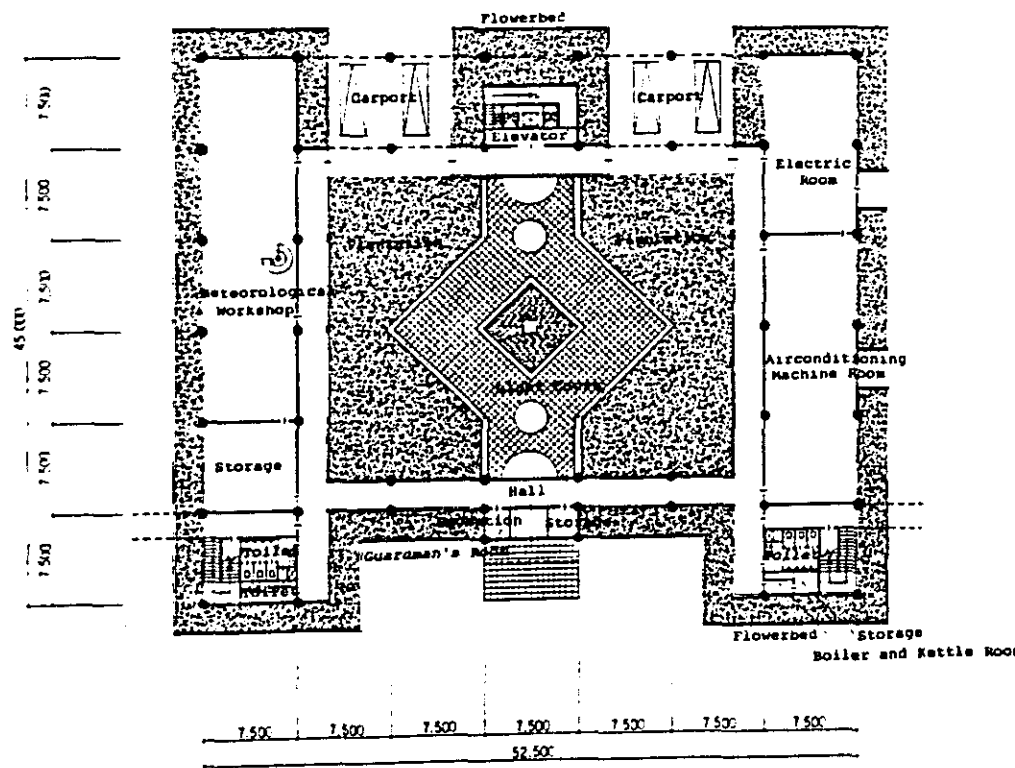
EIGHTH FLOOR PLAN



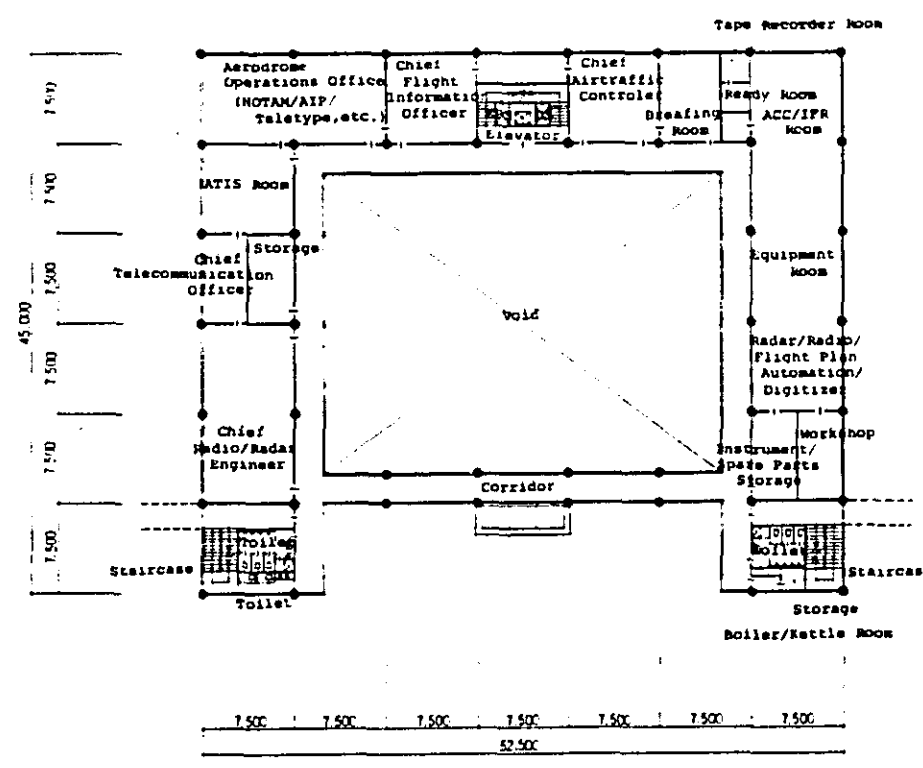
SEVENTH FLOOR PLAN



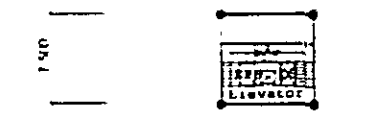
SIXTH FLOOR PLAN



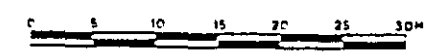
FIRST FLOOR PLAN

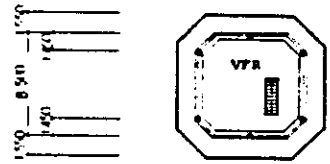


THIRD FLOOR PLAN

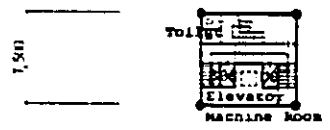


FIFTH FLOOR PLAN





EIGHTH FLOOR PLAN



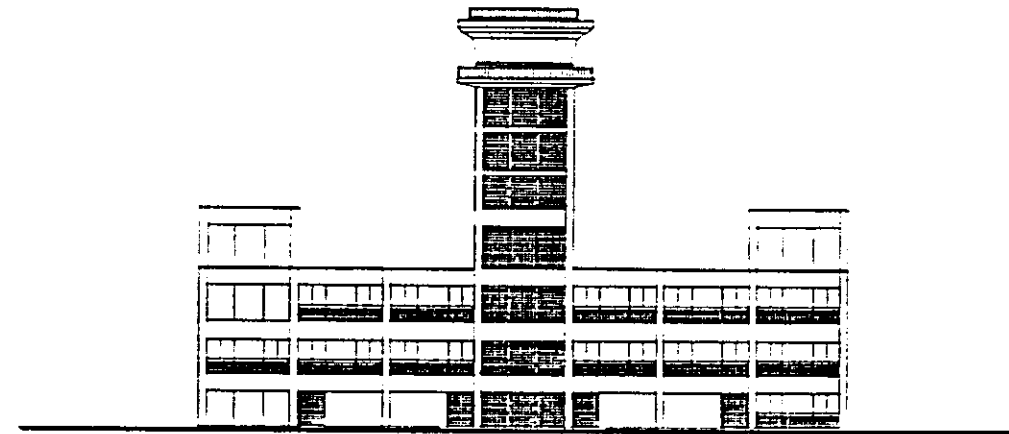
SEVENTH FLOOR PLAN



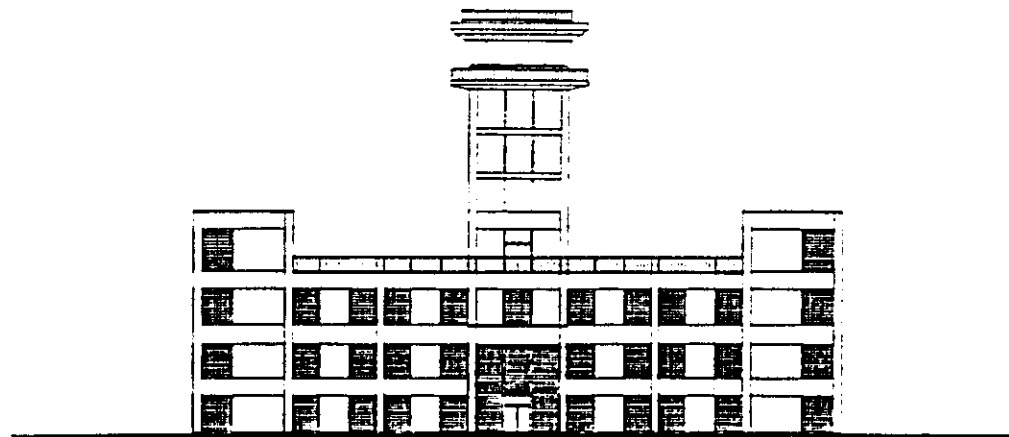
SIXTH FLOOR PLAN



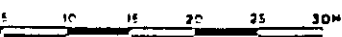
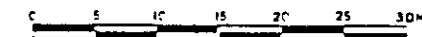
FIFTH FLOOR PLAN

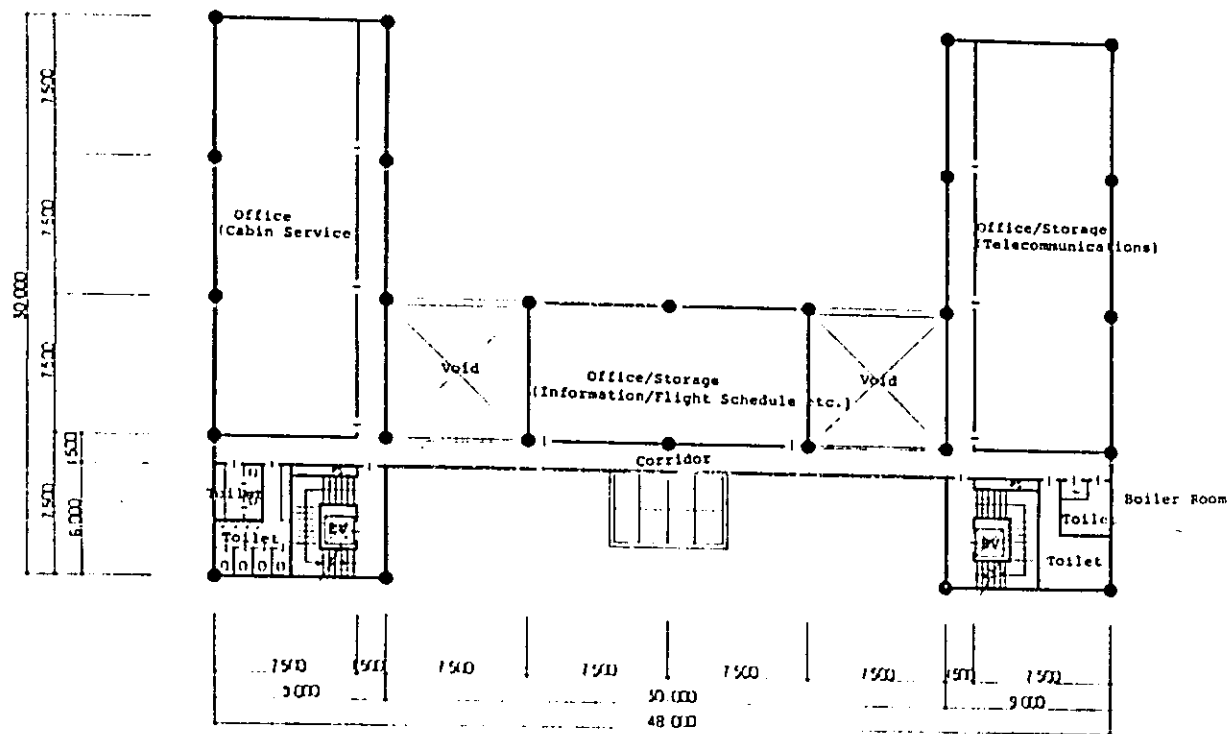


AIRSIDE ELEVATION

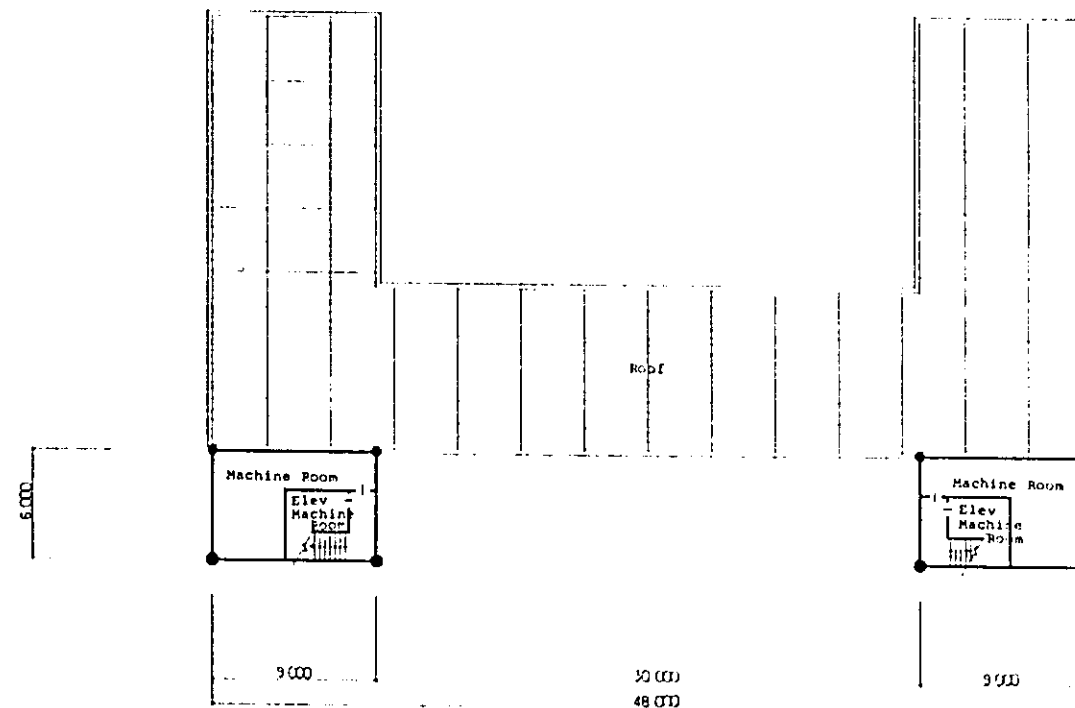


CURBSIDE ELEVATION

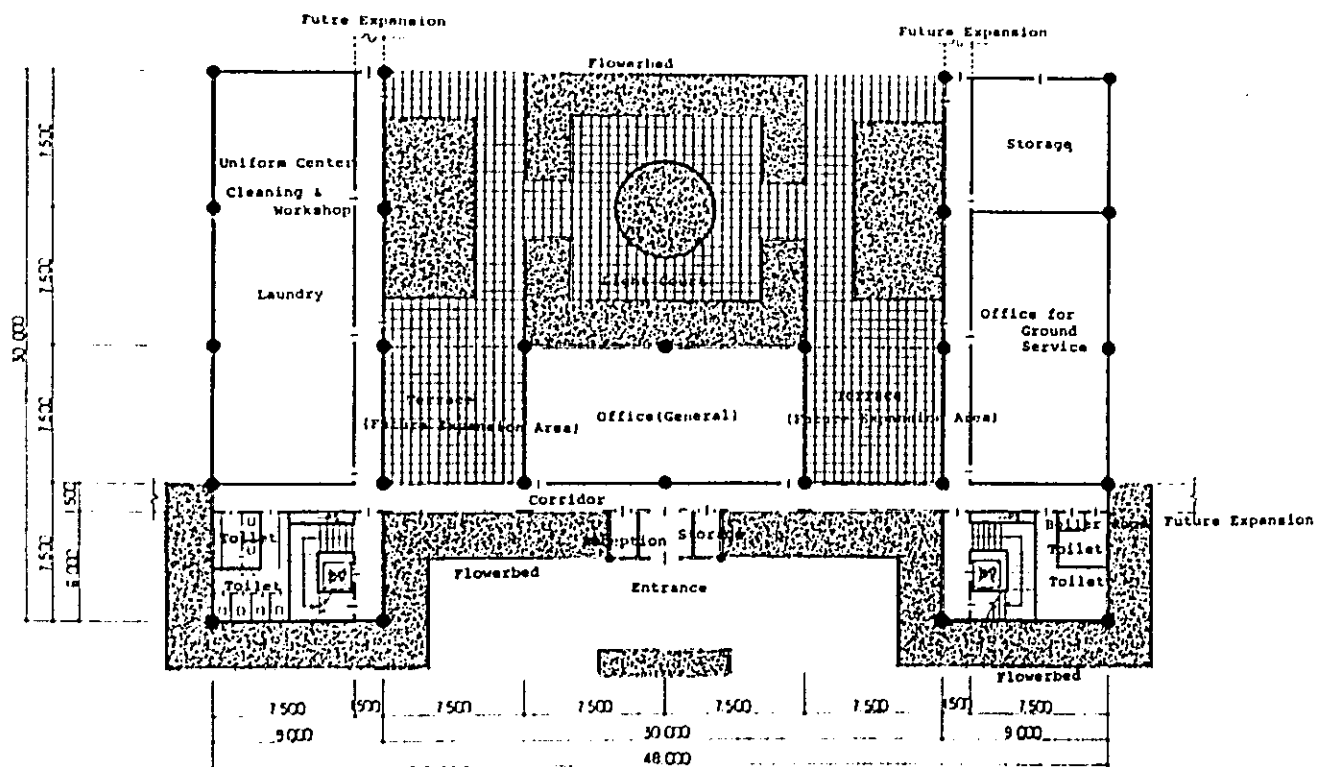




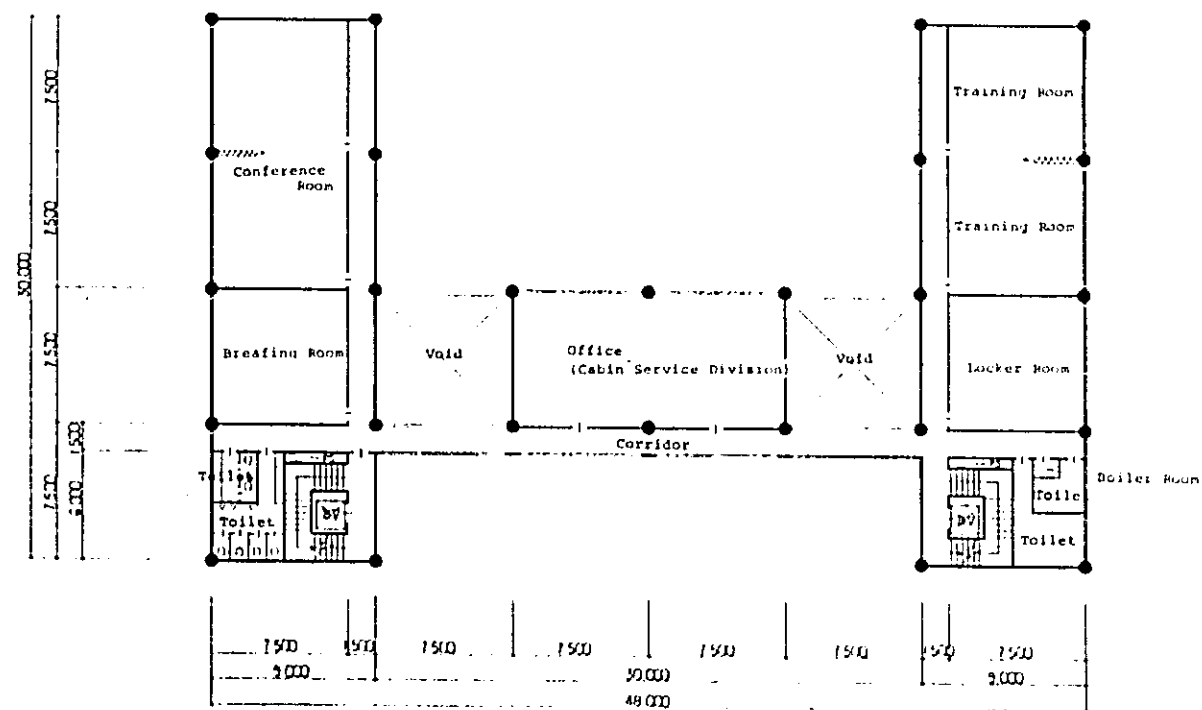
SECOND FLOOR PLAN



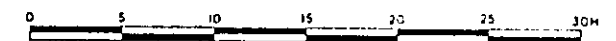
FOURTH FLOOR PLAN

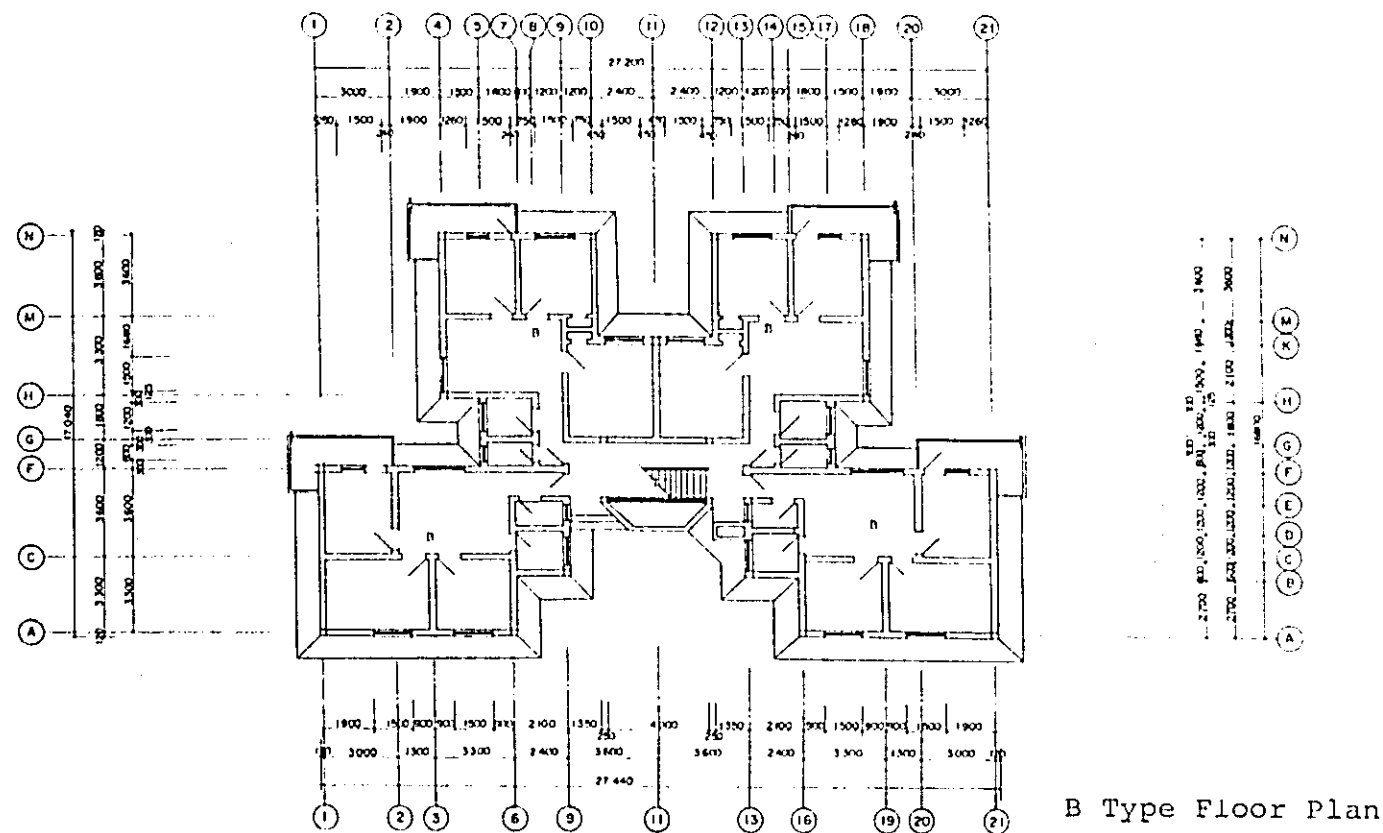
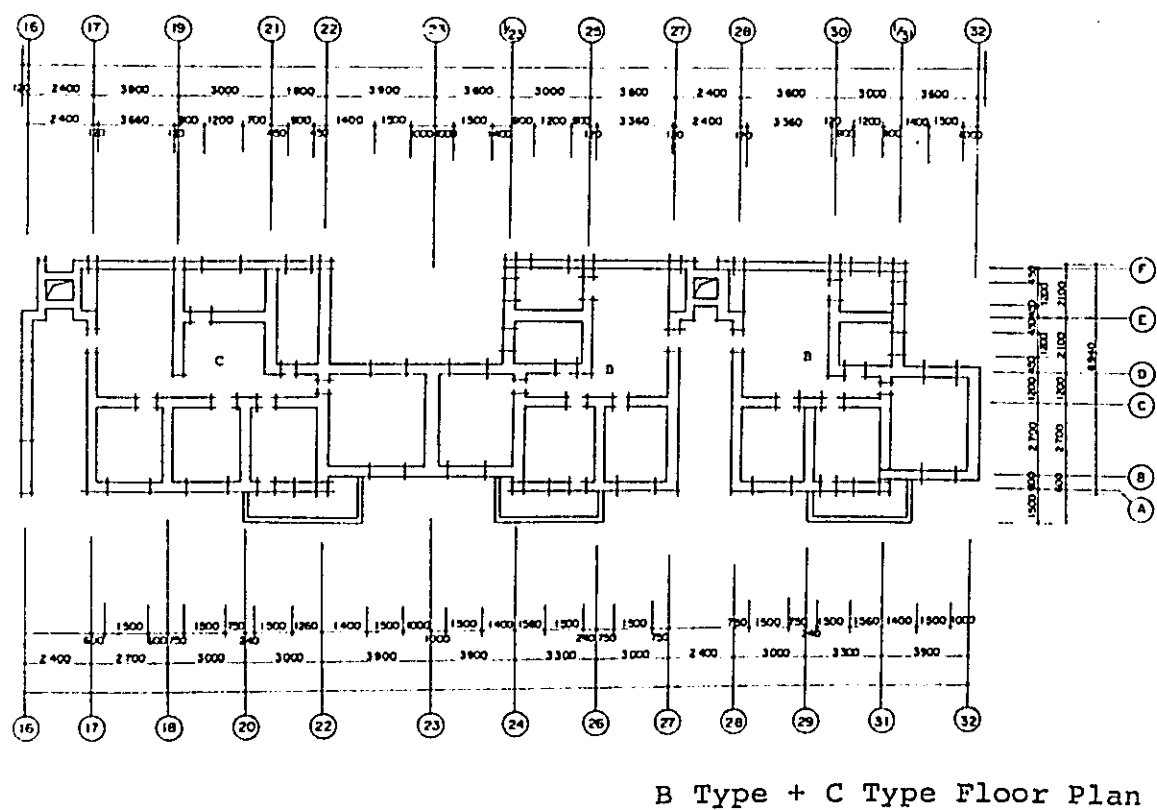
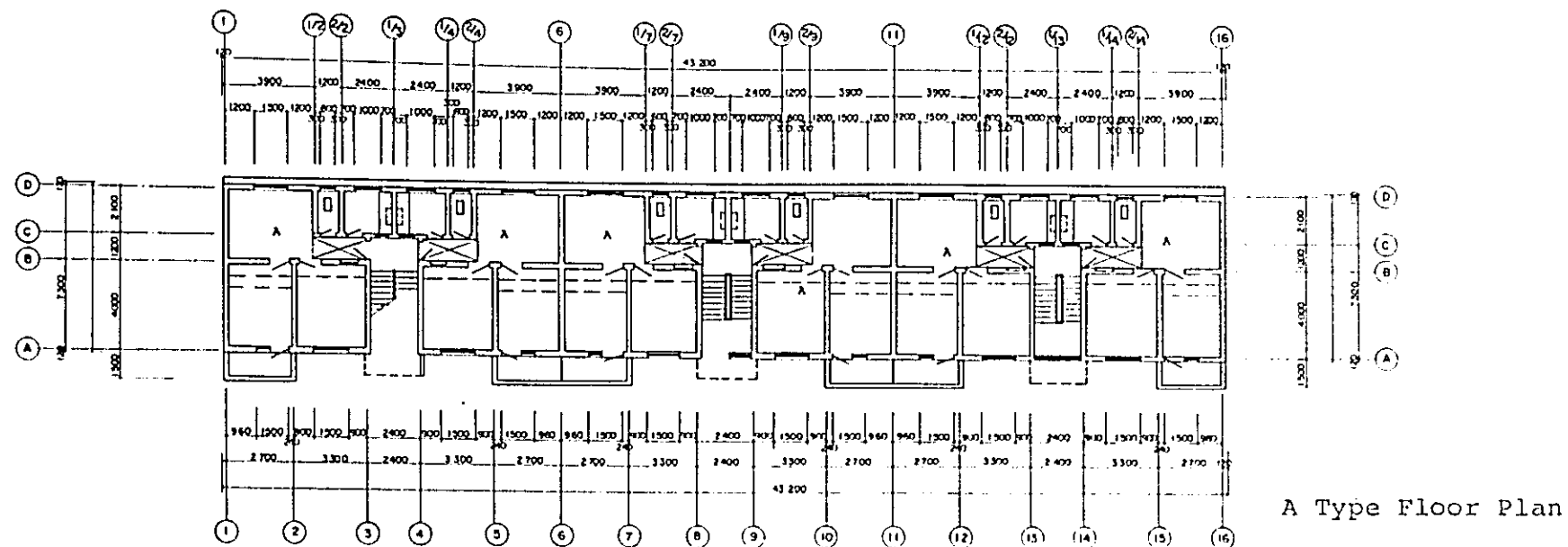


FIRST FLOOR PLAN



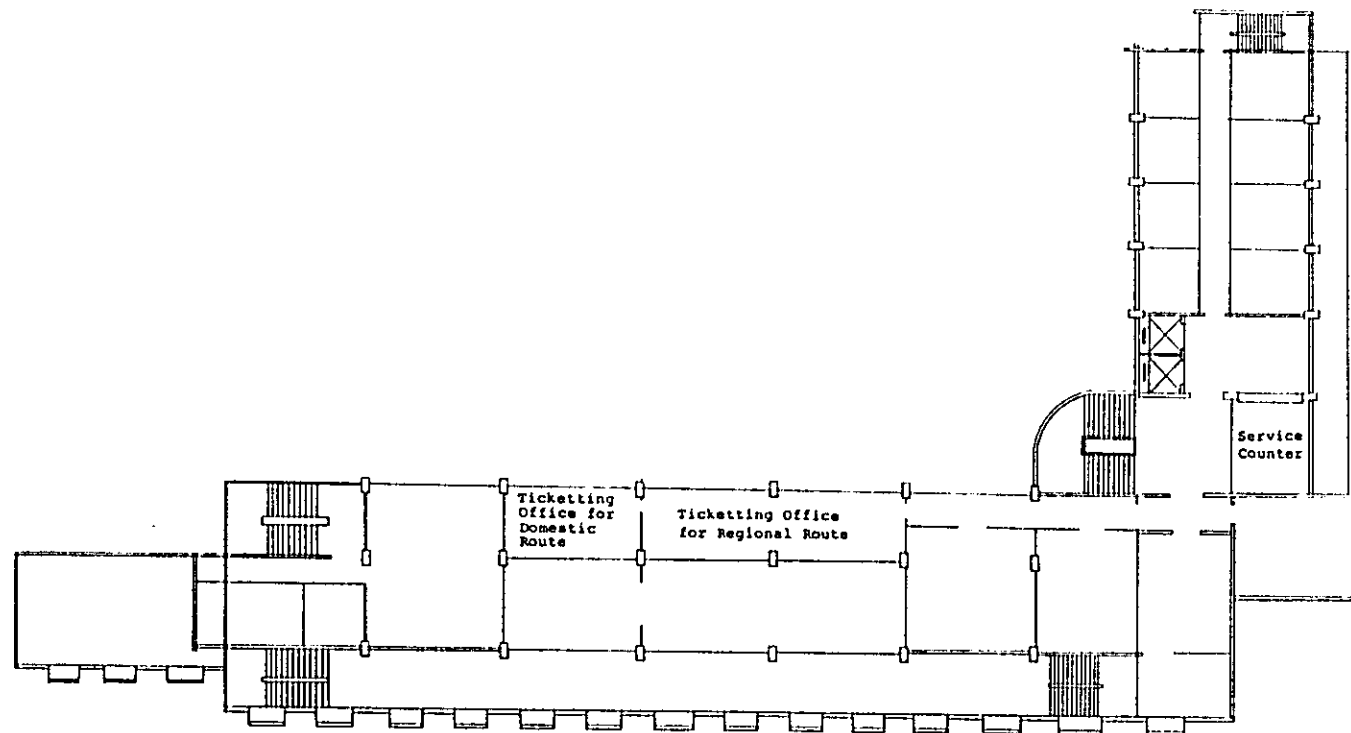
THIRD FLOOR PLAN



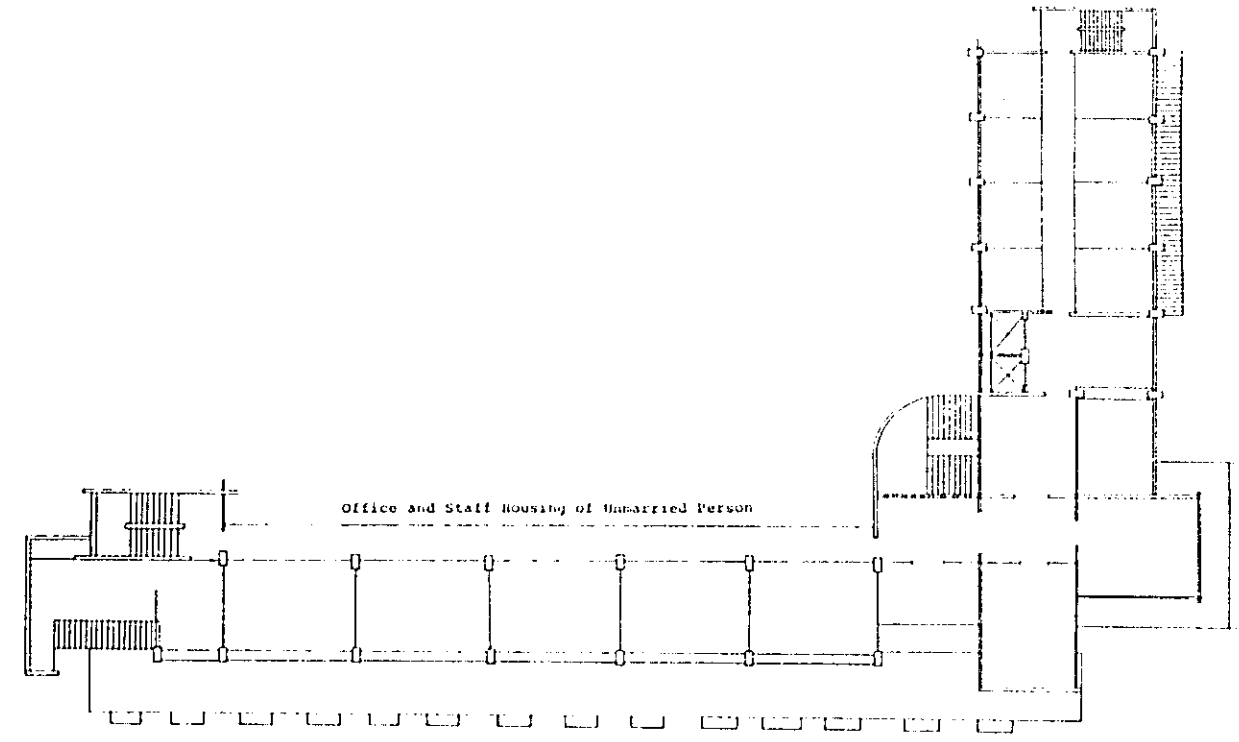


gend:

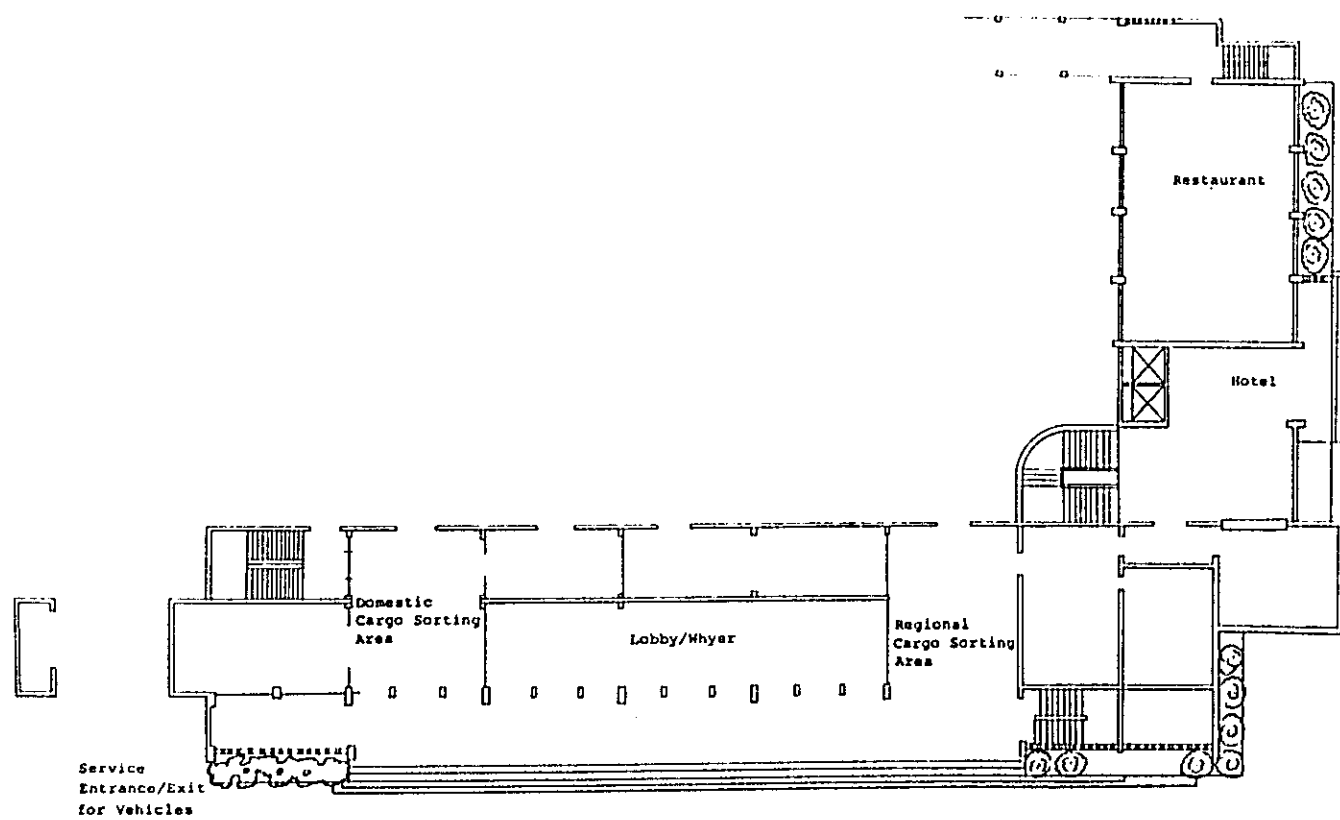
- A : A Type Staff Housing (2Bed Rooms + Hall = Floor Area 55Sq.M/Family)
- B : B Type Staff Housing (3Bed Rooms + Hall = Floor Area 75Sq.M/Family)
- C : C Type Staff Housing (4Bed Rooms + Hall = Floor Area 95Sq.M/Family)



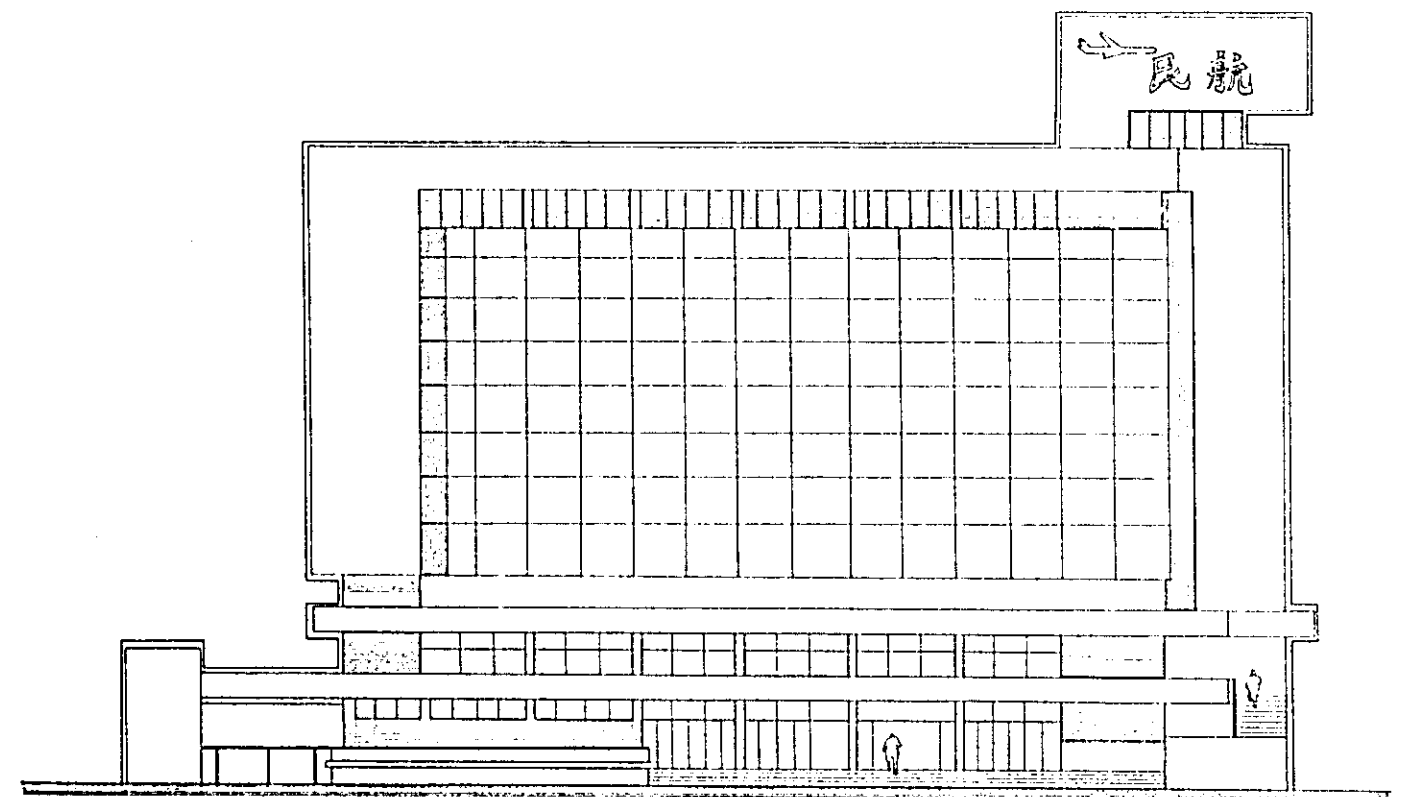
2nd. Floor Plan



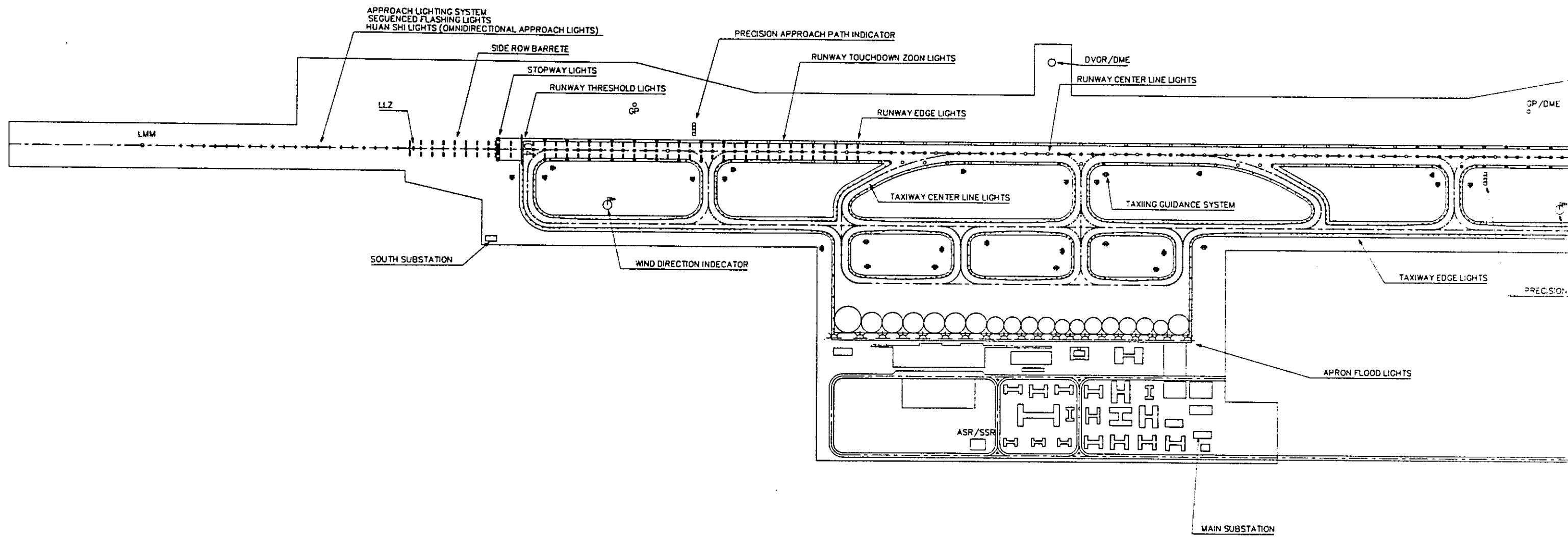
3rd. Floor Plan



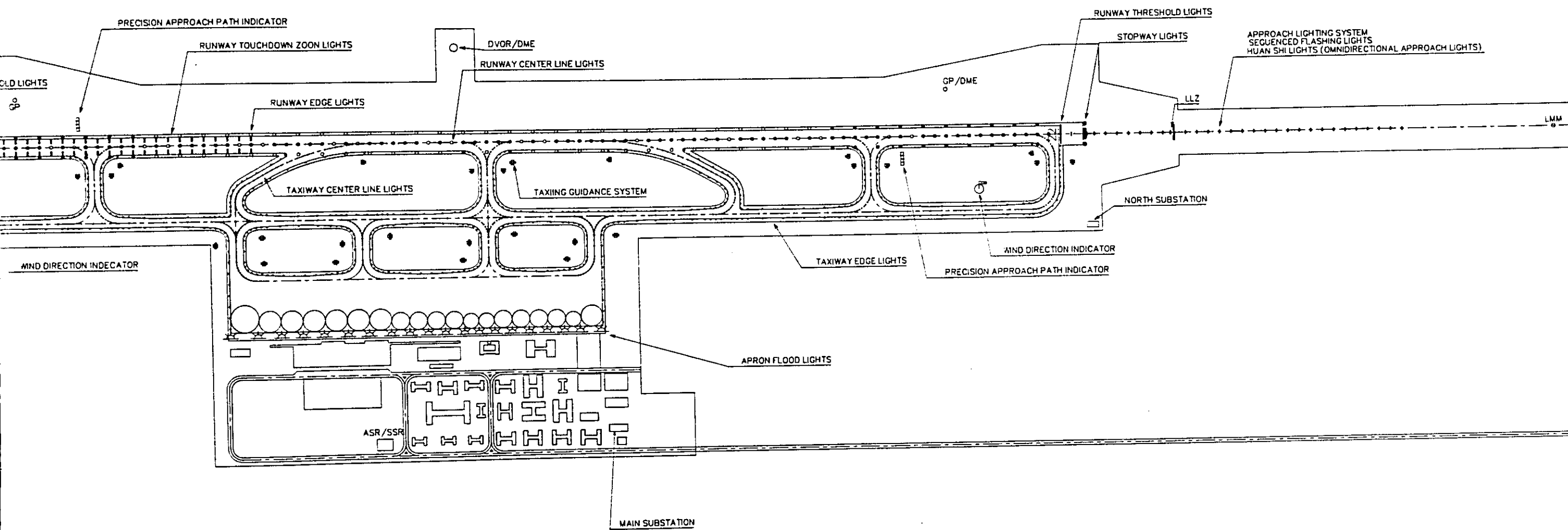
1st. Floor Plan



Elevation



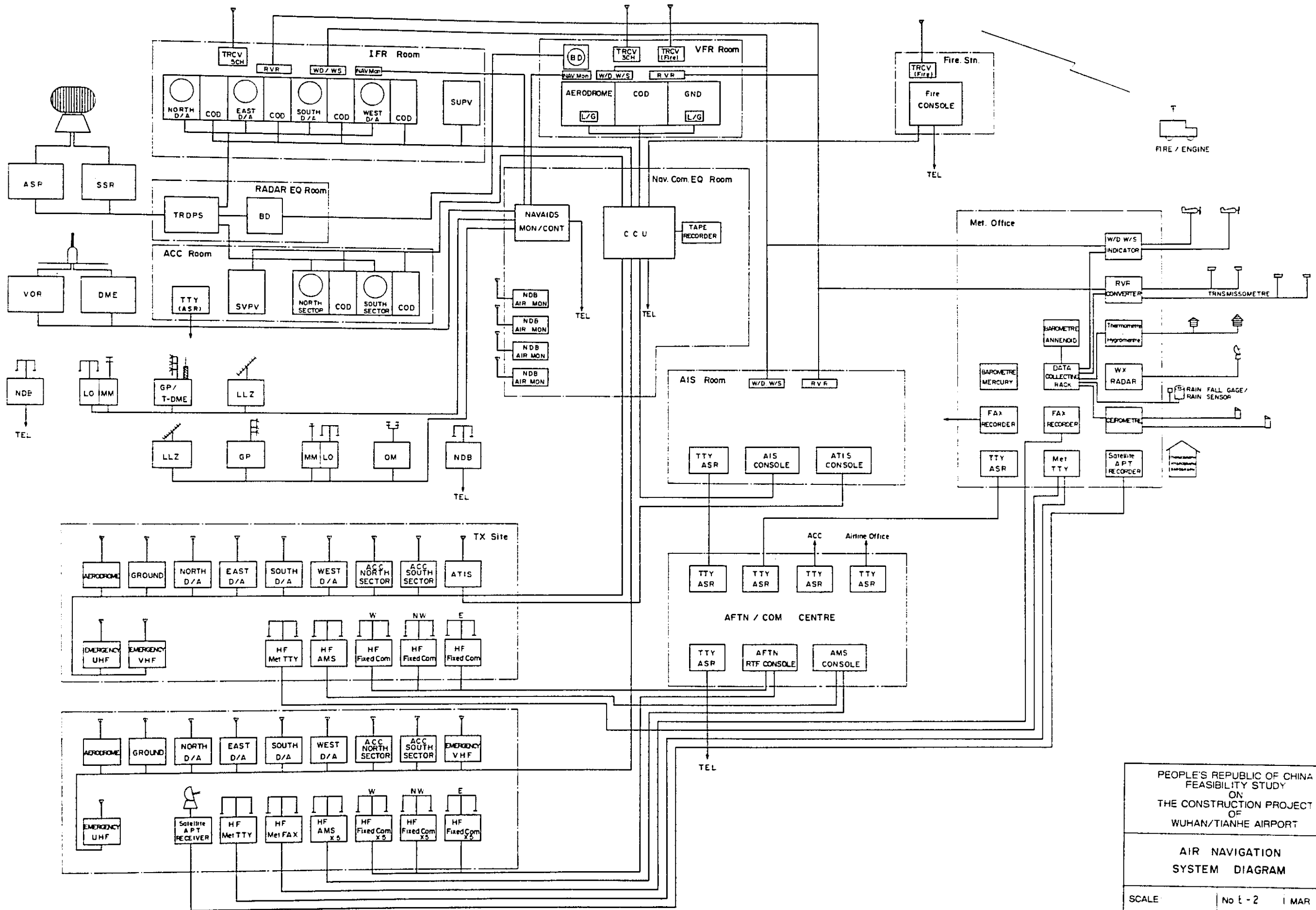
WUHAN TIANHUE AIRPORT LAYOUT PLAN OF AIR NAVIGATION FACILITIES



WUHAN TIANHUE AIRPORT LAYOUT PLAN OF AIR NAVIGATION FACILITIES



PEOPLE'S REPUBLIC OF CHINA FEASIBILITY STUDY ON THE CONSTRUCTION PROJECT OF WUHAN/TIANHUE AIRPORT		
LAYOUT PLAN OF AIR NAVIGATION FACILITIES		
SCALE: 1/10000	No. E-1	MAR 1990
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		



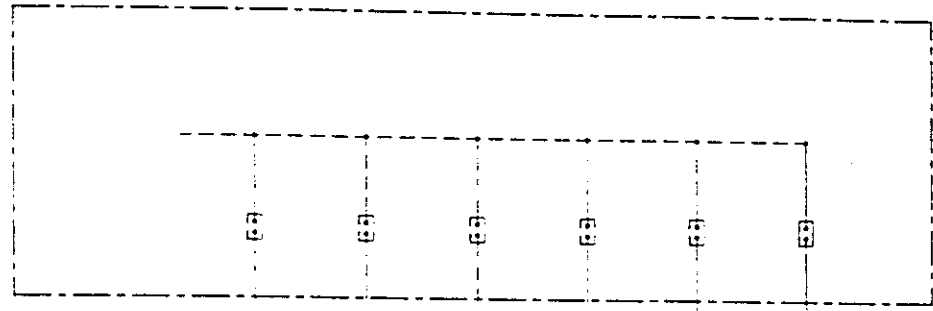
PEOPLE'S REPUBLIC OF CHINA
 FEASIBILITY STUDY
 ON
 THE CONSTRUCTION PROJECT
 OF
 WUHAN/TIANHE AIRPORT

AIR NAVIGATION
 SYSTEM DIAGRAM

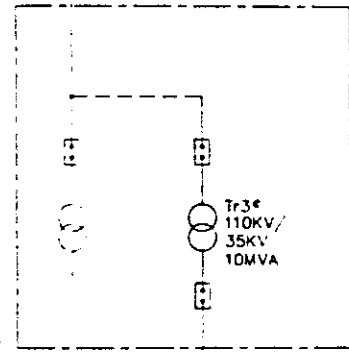
SCALE | No 1-2 | MAR 1990

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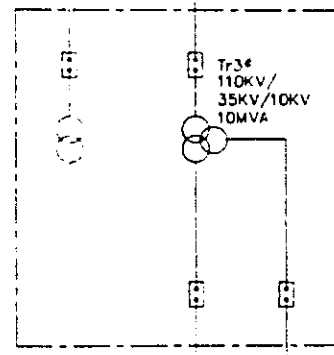
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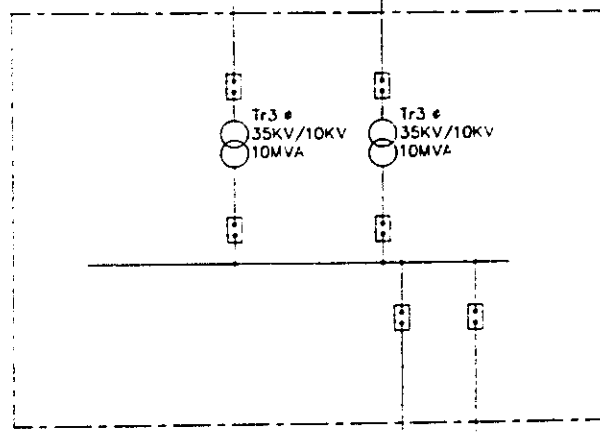
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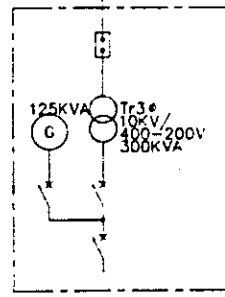
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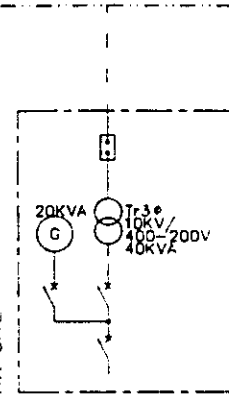
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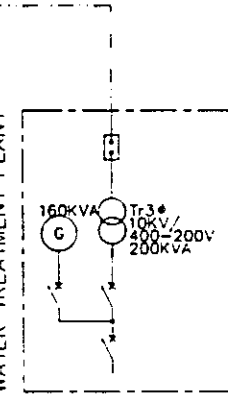
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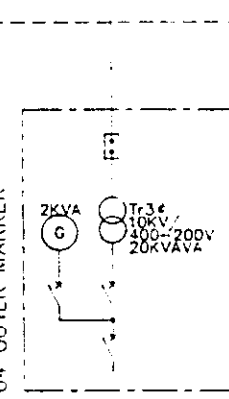
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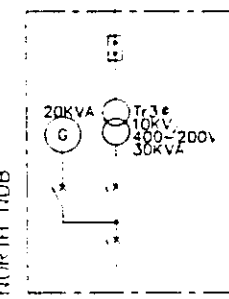
WATER TREATMENT PLANT



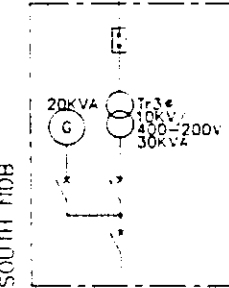
04 OUTER MARKER



NORTH HDB



SOUTH HDB



----- EXISTING

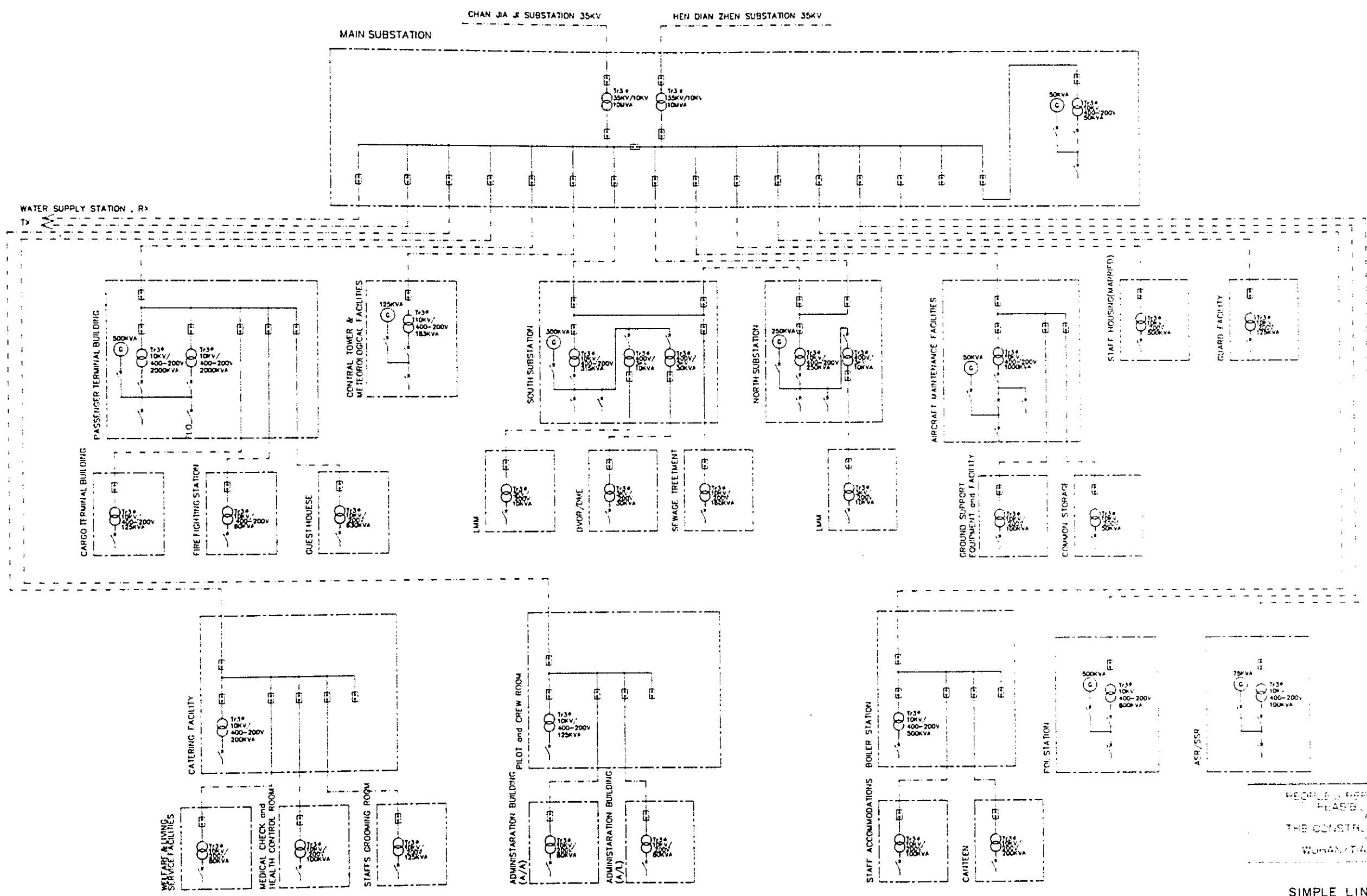
WUHAN TIANHUE AIRPORT TRANSMISSION AND DISTRIBUTION DIAGRAM

PEOPLE'S REPUBLIC OF CHINA
FEASIBILITY STUDY
OF
THE CONSTRUCTION PROJECT
OF
WUHAN TIANHUE AIRPORT

TRANSMISSION AND
DISTRIBUTION DIAGRAM

SCALE: 1:10000 E-3 MAP SCALE

JAPAN INTERNATIONAL COOPERATION AGENCY



WUHAN TIANHUE AIRPORT SINGLE LINE DIAGRAM

PEOPLE'S REPUBLIC OF CHINA
 FEASIBILITY STUDY
 OF
 THE CONSTRUCTION PROJECT
 OF
 WUHAN TIANHUE AIRPORT

SIMPLE LINE DIAGRAM

SCALE: 1:10000 E-4 MAR 1992
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