

REPUBLIC OF PARAGUAY  
NEW AIRPORT CONSTRUCTION PROJECT  
IN CIUDAD PRESIDENTE STROESSNER  
FEASIBILITY STUDY  
FACILITY PLAN DRAWINGS

FEBRUARY, 1980



JAPAN INTERNATIONAL COOPERATION AGENCY

1980  
2-1  
34

REPUBLIC OF PARAGUAY

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JAPAN INTERNATIONAL COOPERATION AGENCY

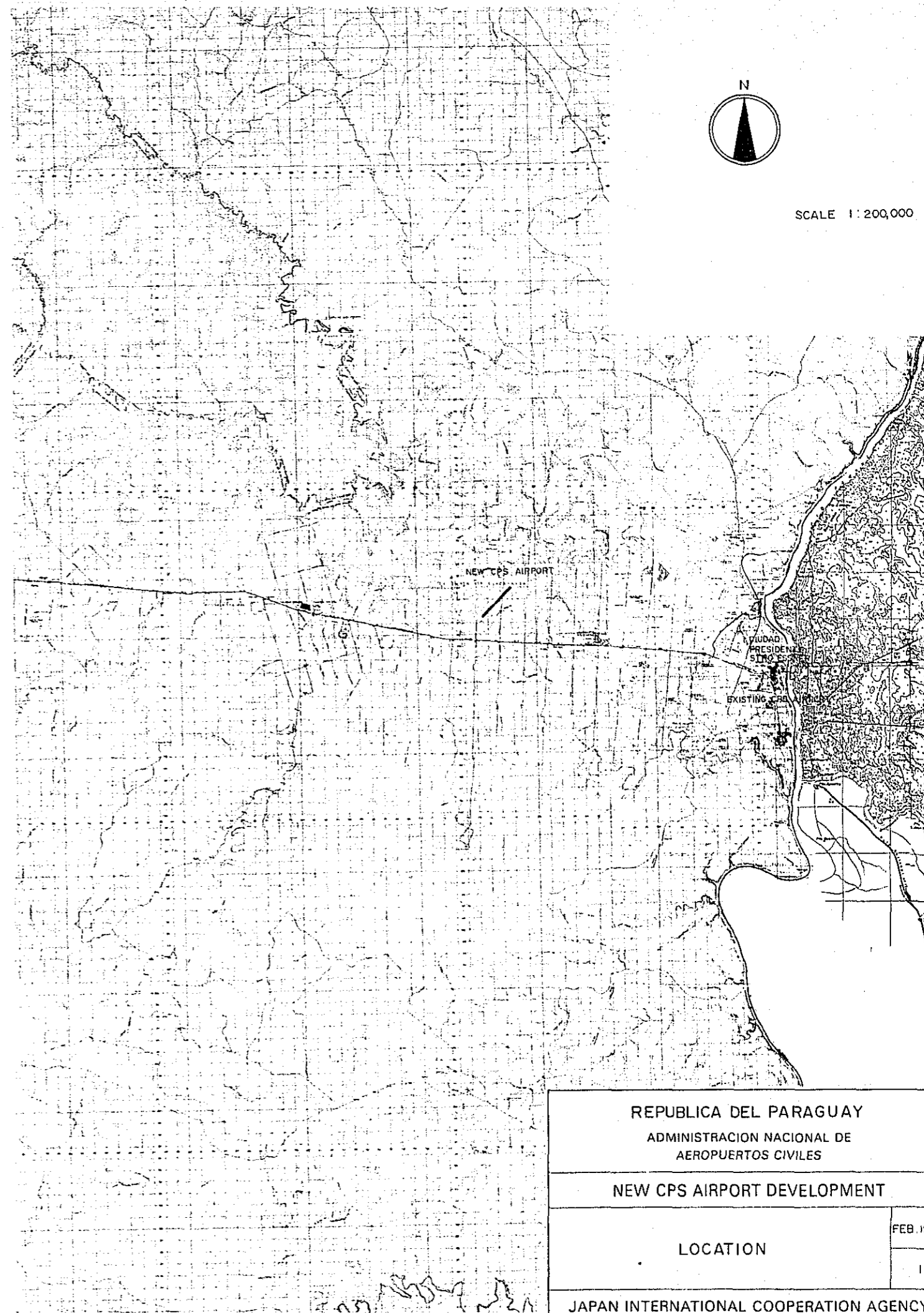
LIST OF DRAWINGS

DRAWING NUMBER

- |    |                                    |    |  |
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SCALE 1:200,000



REPUBLICA DEL PARAGUAY  
ADMINISTRACION NACIONAL DE  
AEROPUERTOS CIVILES

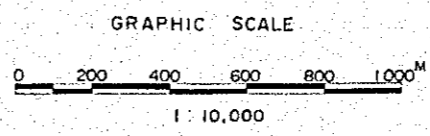
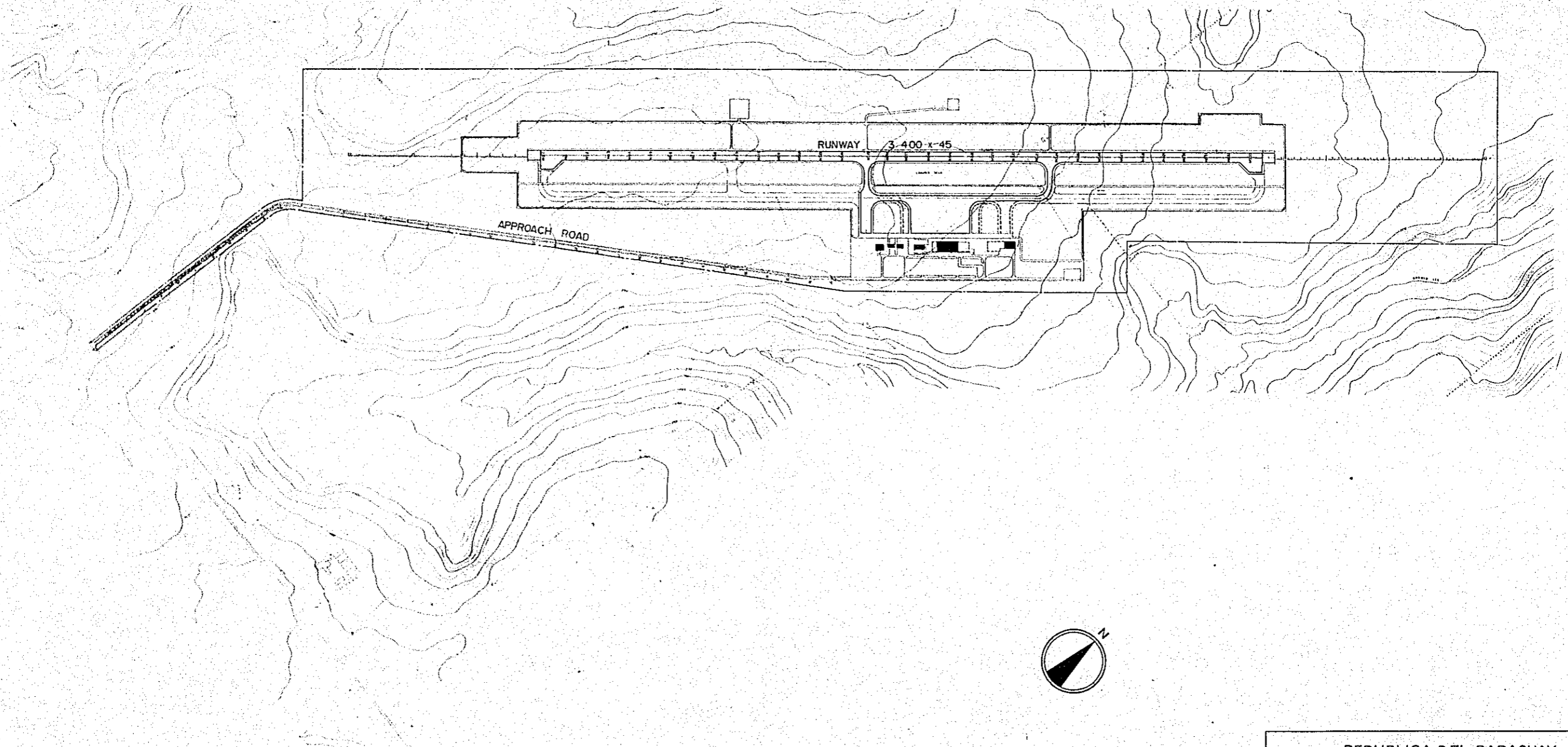
NEW CPS AIRPORT DEVELOPMENT

LOCATION

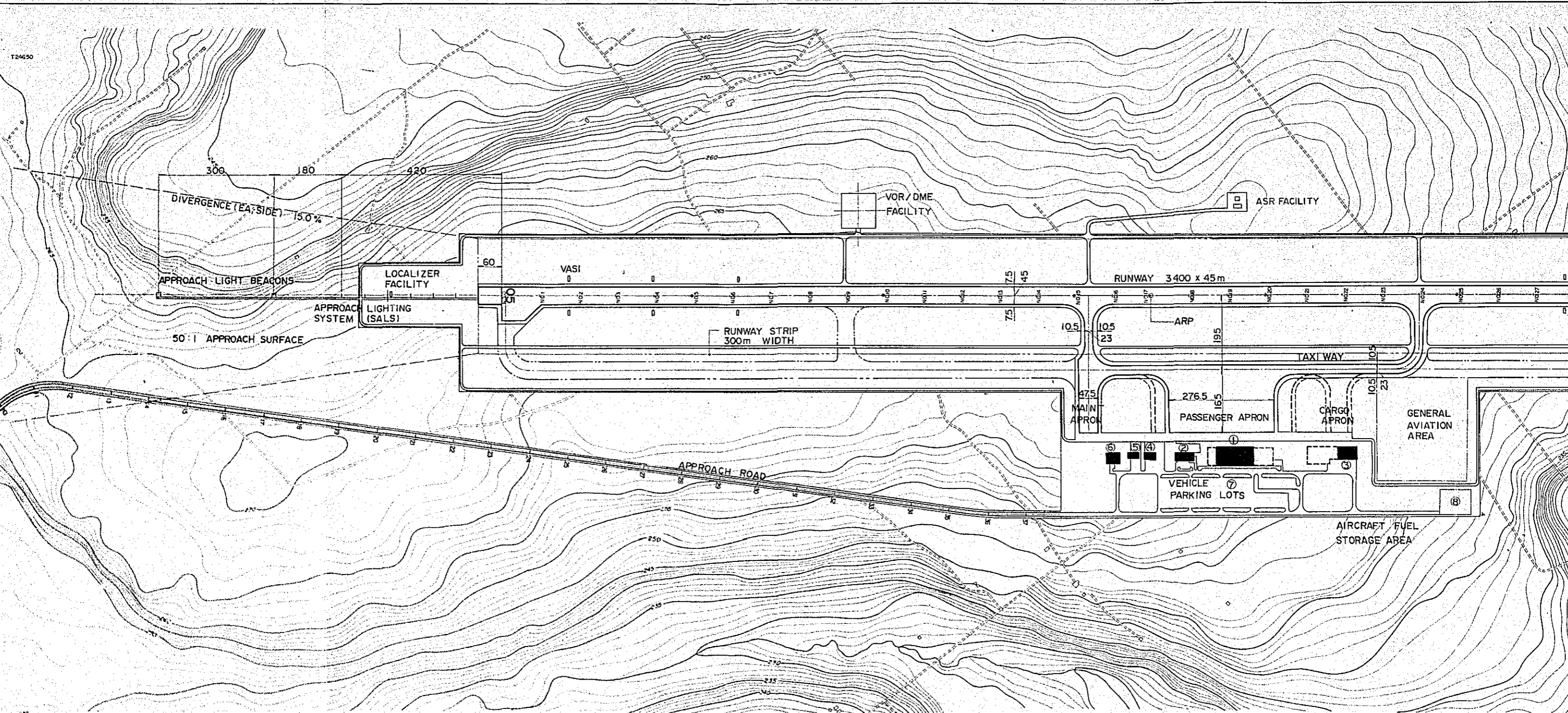
FEB. 1980

JAPAN INTERNATIONAL COOPERATION AGENCY

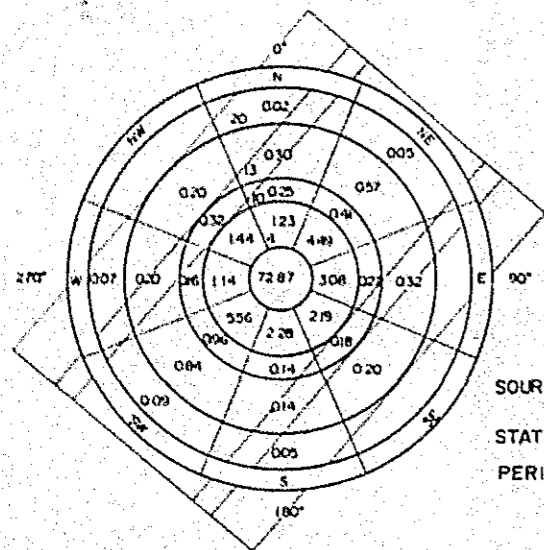
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REPUBLICA DEL PARAGUAY ADMINISTRACION NACIONAL DE AEROPUERTOS CIVILES	
NEW CPS AIRPORT DEVELOPMENT	
LAYOUT - 1	FEB 1960
JAPAN INTERNATIONAL COOPERATION AGENCY	



WIND ROSE



SOURCE : DIRECCION DE METEOROLOGIA  
 STATION : EXISTING CPS AIRPORT  
 PERIOD : 1976 ~ 1978

**AIRPORT DATA**

AIRPORT ELEVATION 257 m  
 AIRPORT REFERENCE POINT (ARP) COORDINATES S 025° 27' W 054° 51'  
 AIRPORT & TERMINAL NAV AIDS VOR  
 MEAN MAX. TEMP OF HOTTEST MONTH 33.0°C

**RUNWAY DATA**

EFFECTIVE RUNWAY GRADIENT (IN%) 0.825  
 % WIND COVERAGE 20 KNOTS 99.9  
 13 KNOTS 99.2  
 10 KNOTS 98.2  
 PRECISION APPROACH RUNWAY CAT. I RUNWAY-23  
 PAVEMENT STRENGTH B747, L-1011, DC-8 CLASS  
 APPROACH SLOPES 50:1  
 LIGHTING HIRL  
 MARKING ICAO STANDARDS  
 NAVIGATIONAL AIDS 1LS, ALS, SALS, VASIS

**BUILDINGS**

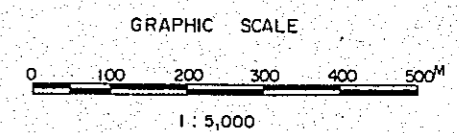
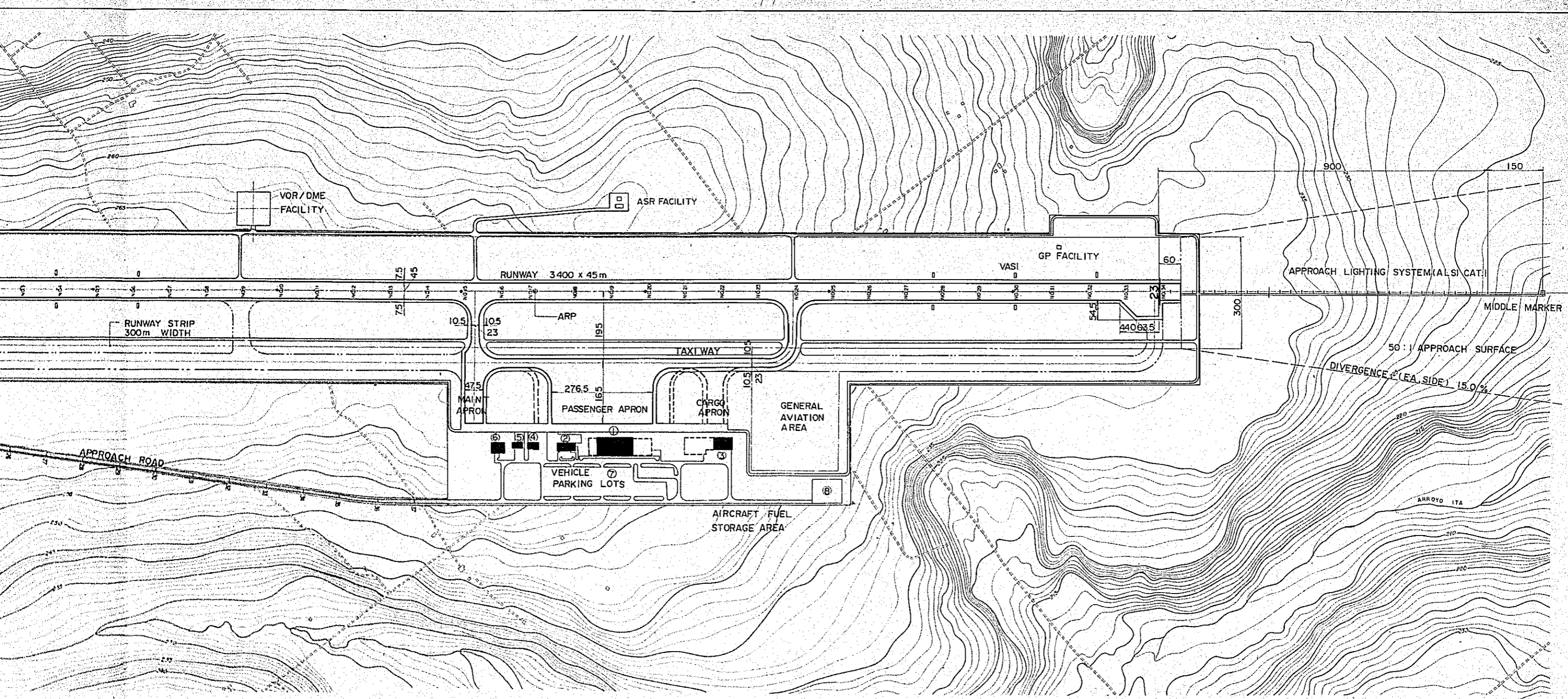
- ① PASSENGER TERMINAL BUILDING
- ② AIRPORT ADMINISTRATION BUILDING
- ③ INTERNATIONAL CARGO BUILDING
- ④ DOMESTIC CARGO BUILDING
- ⑤ FIRE STATION
- ⑥ MAIN SUB-STATION
- ⑦ PARKING LOT
- ⑧ FUEL STORAGE

LEGEND



LEGEND





**AIRPORT DATA**

AIRPORT ELEVATION 257 m  
 AIRPORT REFERENCE POINT (ARP) S 025° 27'  
 COORDINATES W 034° 51'  
 AIRPORT & TERMINAL NAV AIDS VOR  
 MEAN MAX. TEMP OF HOTTEST MONTH 33.0°C

**RUNWAY DATA**

EFFECTIVE RUNWAY GRADIENT (IN%) 0.825  
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 MARKING ICAO STANDARDS  
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**BUILDINGS**

① PASSENGER TERMINAL BUILDING  
 ② AIRPORT ADMINISTRATION BUILDING  
 ③ INTERNATIONAL CARGO BUILDING  
 ④ DOMESTIC CARGO BUILDING  
 ⑤ FIRE STATION  
 ⑥ MAIN SUB-STATION  
 ⑦ PARKING LOT  
 ⑧ FUEL STORAGE

**LEGEND**

— STAGE I  
 - - - STAGE II

**LEGEND**

■ STAGE I  
 - - - STAGE II



REPUBLICA DEL PARAGUAY ADMINISTRACION NACIONAL DE AEROPUERTOS CIVILES	
NEW CPS AIRPORT DEVELOPMENT	
LAYOUT - 2	FEB. 1980
3	
JAPAN INTERNATIONAL COOPERATION AGENCY	



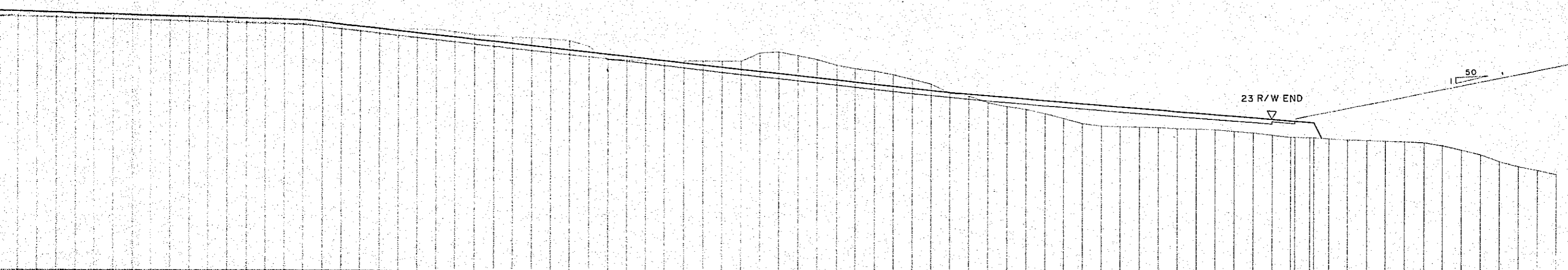




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NO 5			255.5			
			255.8			
			259.5			
			261.0			
			261.4			
			262.5			
NO -4	-50.00	-50.00	263.5	265.15	-1.40	265.15
	-25.00	-75.00	264.0	265.40	-1.50	
NO -3	-50.00	-100.00	264.4	265.90	-1.50	
	-50.00	-150.00	264.8	266.40	-1.60	
NO -2	-50.00	-200.00	265.3	266.90	-1.60	
	-50.00	-250.00	265.8	267.40	-1.60	
NO -1	-40.00	-300.00	266.1	267.90	-1.80	
	-10.00	-310.00	266.3	268.40	-2.10	
NO 0	0.00	-300.00	266.7	268.90	-2.20	268.90
	50.00	-250.00	267.2	268.75	-1.55	
NO 1	50.00	-200.00	268.0	268.60	-0.60	
	50.00	-150.00	268.2	268.45	-0.25	
NO 2	50.00	-100.00	268.4	268.30	+0.10	
	50.00	-50.00	268.2	268.15	+0.05	
NO 3	50.00	0.00	268.0	268.00	±0.00	
	50.00	50.00	267.5	267.85	-0.35	
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	50.00	150.00	267.4	267.55	-0.15	
NO 5	50.00	200.00	267.2	267.40	-0.20	
	50.00	250.00	266.8	267.25	-0.45	
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	50.00	350.00	266.3	266.95	-0.65	
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	50.00	450.00	265.9	266.65	-0.75	
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	50.00	550.00	265.5	266.35	-0.85	
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	50.00	650.00	265.1	266.05	-0.95	
NO 10	50.00	700.00	264.8	265.90	-1.10	
	50.00	750.00	264.5	265.75	-1.25	
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	50.00	850.00	264.0	265.45	-1.45	
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	50.00	950.00	264.0	265.15	-1.15	
NO 13	50.00	1000.00	264.8	265.00	-0.20	
	50.00	1050.00	264.5	264.85	+0.65	
NO 14	50.00	1100.00	264.0	264.70	+1.00	
	50.00	1150.00	264.0	264.55	+1.45	
NO 15	50.00	1200.00	264.0	264.40	+1.80	
	50.00	1250.00	263.9	264.25	+2.05	
NO 16	50.00	1300.00	263.8	264.10	+2.40	
	50.00	1350.00	263.7	263.95	+2.55	
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	50.00	1550.00	261.8	263.35	+1.55	
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	50.00	1750.00	259.0	262.75	+3.75	
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	50.00	2750.00	256.0	259.75	+3.75	
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END



23 R/W END

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i = 0.1%  
L = 850.00

i = 1.1%  
L = 1700.00

i = 0.8%  
L = 850.00

239.97

REPUBLICA DEL PARAGUAY  
ADMINISTRACION NACIONAL DE  
AEROPUERTOS CIVILES

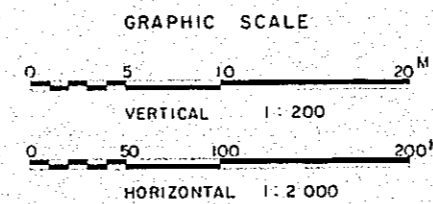
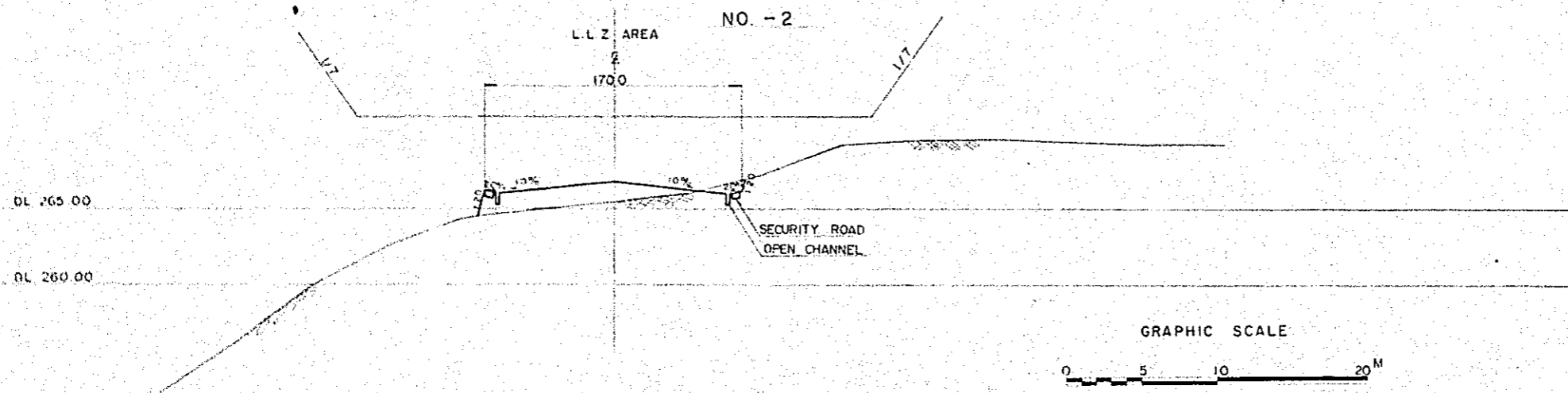
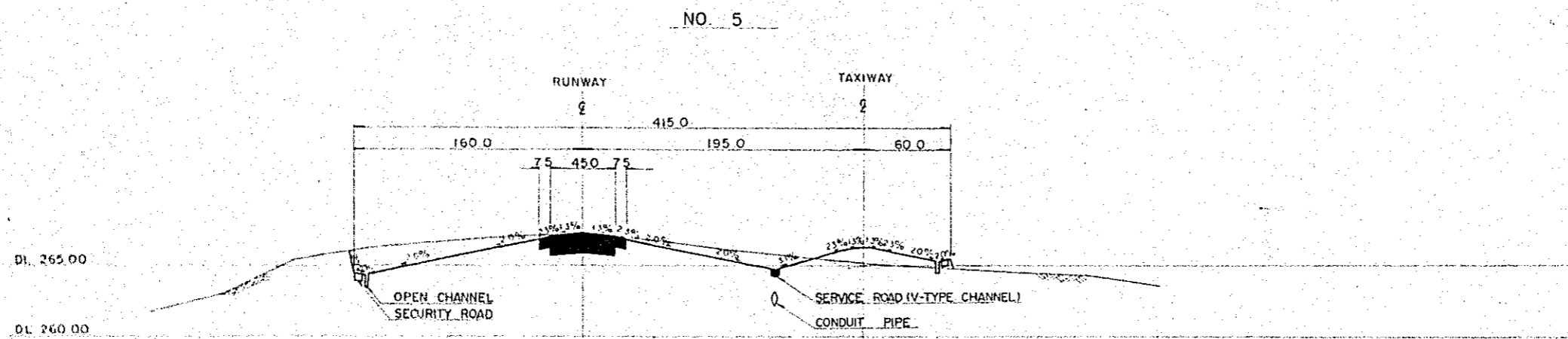
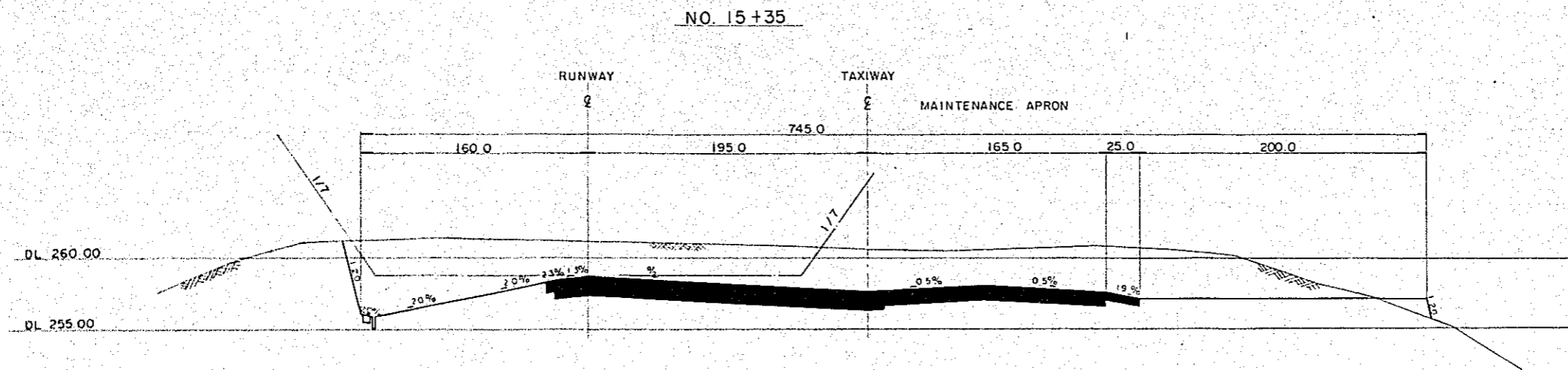
NEW CPS AIRPORT DEVELOPMENT

RUNWAY PROFILE

FEB. 1980

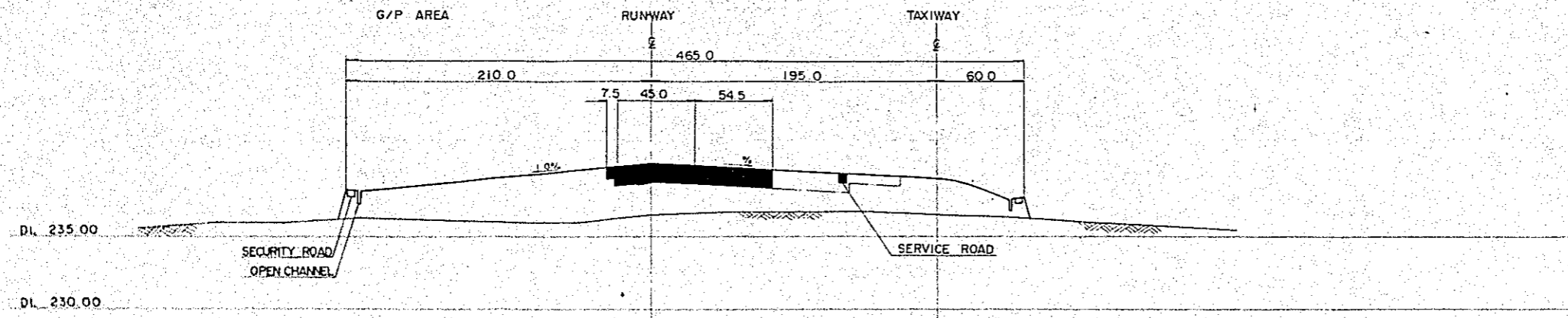
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JAPAN INTERNATIONAL COOPERATION AGENCY

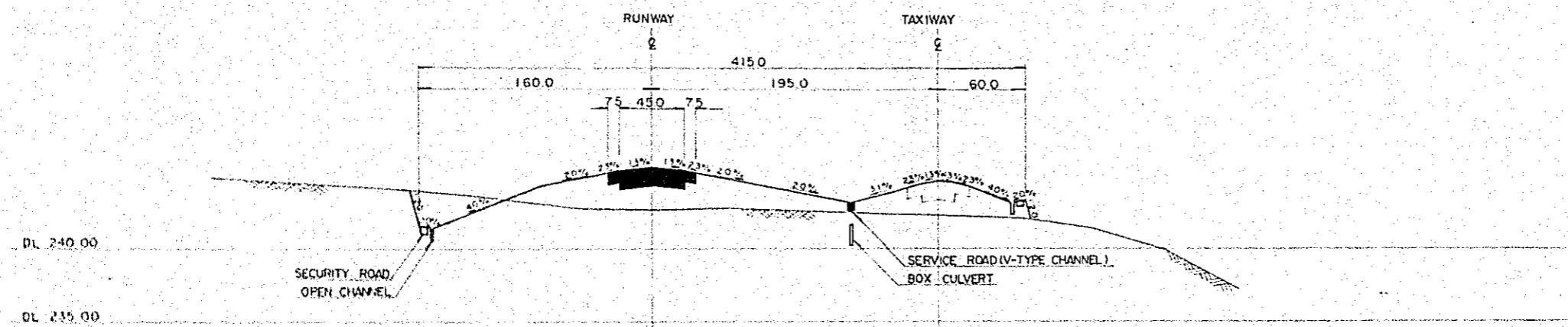


REPUBLICA DEL PARAGUAY ADMINISTRACION NACIONAL DE AEROPUERTOS CIVILES	
NEW CPS AIRPORT DEVELOPMENT	
CROSS SECTION - I	FEB. 1980
6	
JAPAN INTERNATIONAL COOPERATION AGENCY	

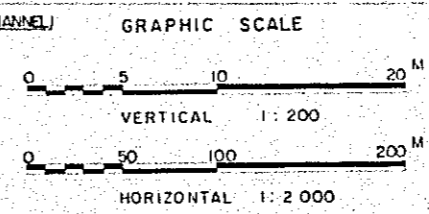
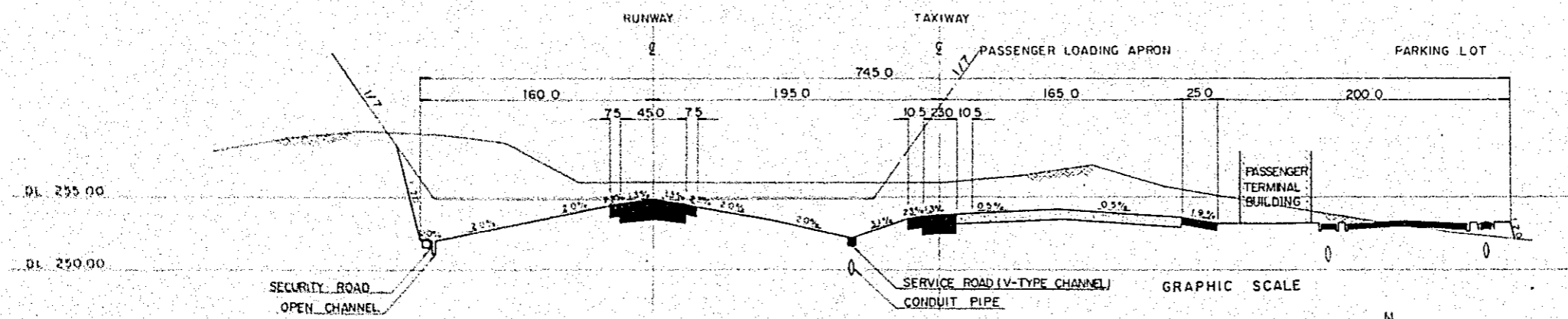
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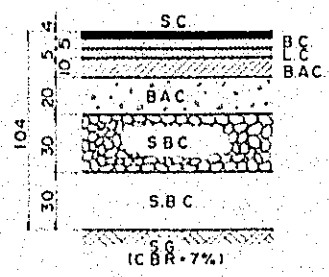
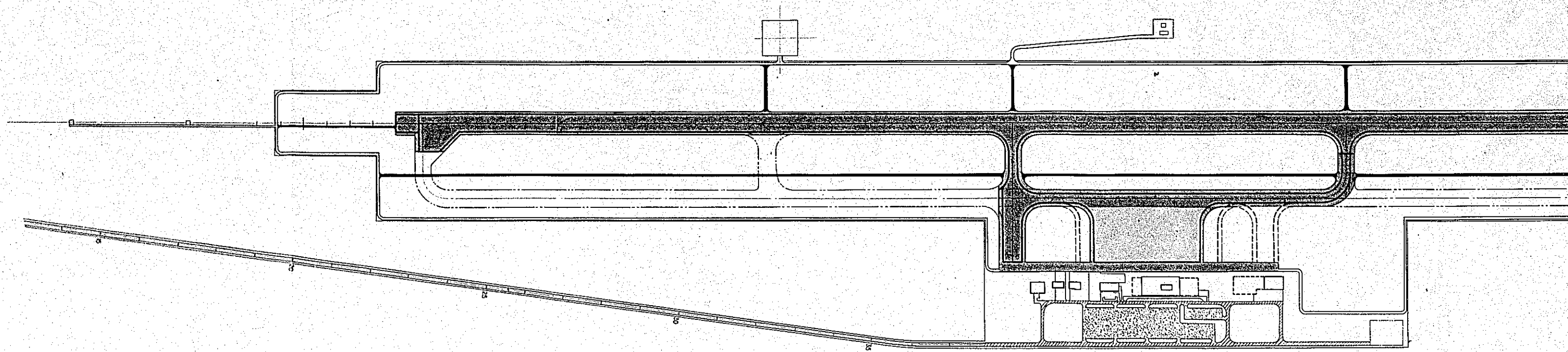
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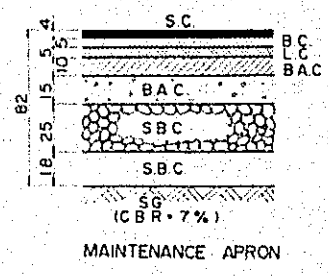
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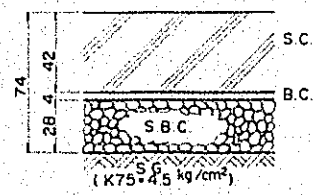
REPUBLICA DEL PARAGUAY ADMINISTRACION NACIONAL DE AEROPUERTOS CIVILES	
NEW CPS AIRPORT DEVELOPMENT	
CROSS SECTION - 2	FEB. 1980
JAPAN INTERNATIONAL COOPERATION AGENCY	



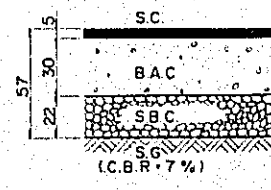
RUNWAY, TAXIWAY



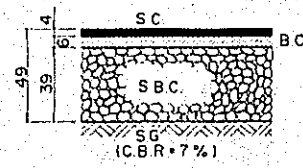
MAINTENANCE APRON



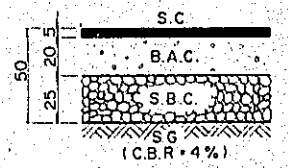
PASSENGER APRON



SHOULDER OVER RUN



RAMP

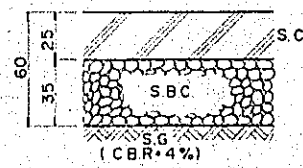


SERVICE ROAD

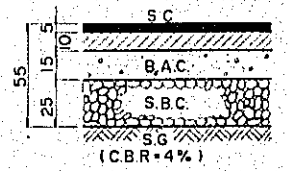
STRUCTURAL PAVEMENT SECTION

LEGEND

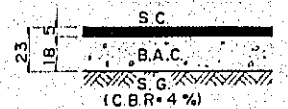
- S.C. SURFACE COURSE (ASPHALT CONCRETE)
- S.C. SURFACE COURSE (CEMENT CONCRETE)
- B.C. BINDER COUSE (ASPHALT CONCRETE)
- L.C. LEVELING COURSE (ASPHALT CONCRETE)
- B.A.C. BASE COURSE (BITUMINOUS STABILIZATION)
- B.A.C. BASE COURSE (CRUSHED STONE FOR MECHANICAL STABILIZATION)
- S.B.C. SUBBASE COURSE (CRUSHER RUN)
- S.B.C. SUBBASE COURSE (SAND)
- S.G. SUBGRADE



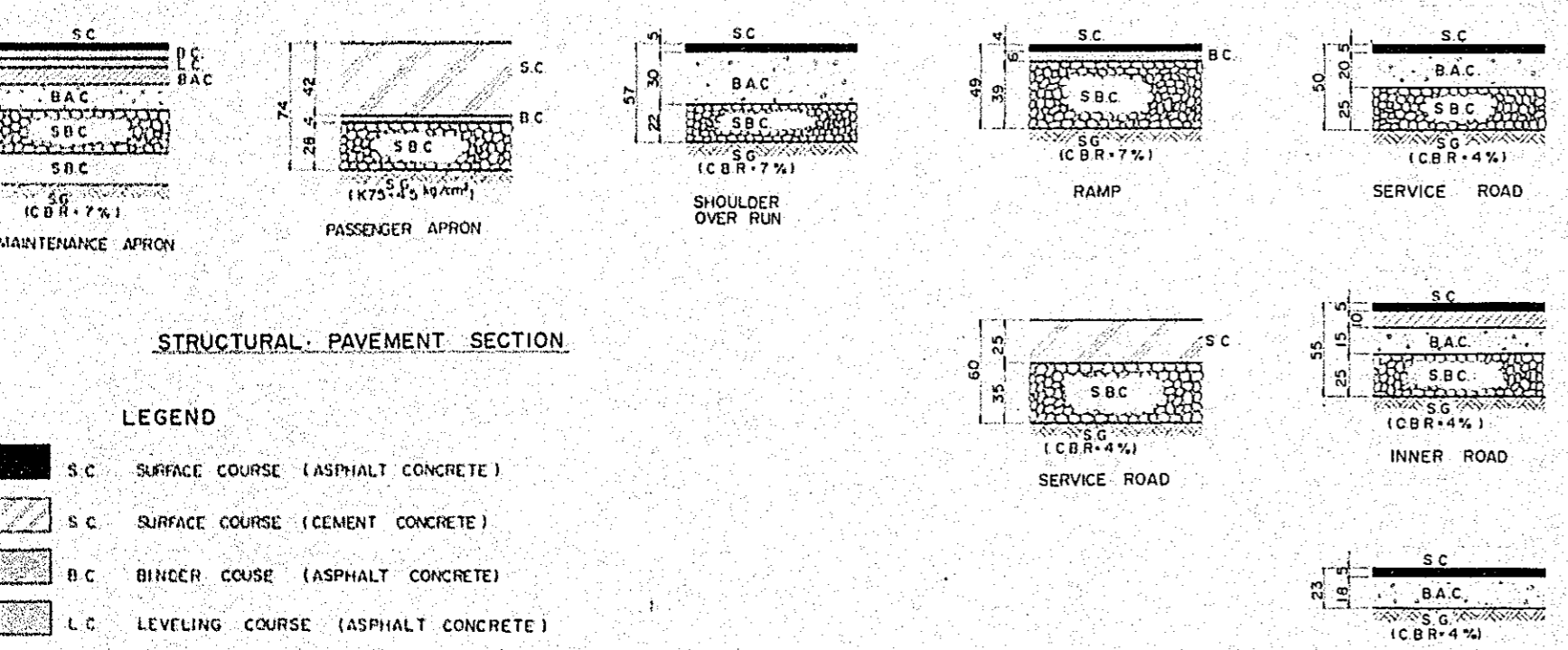
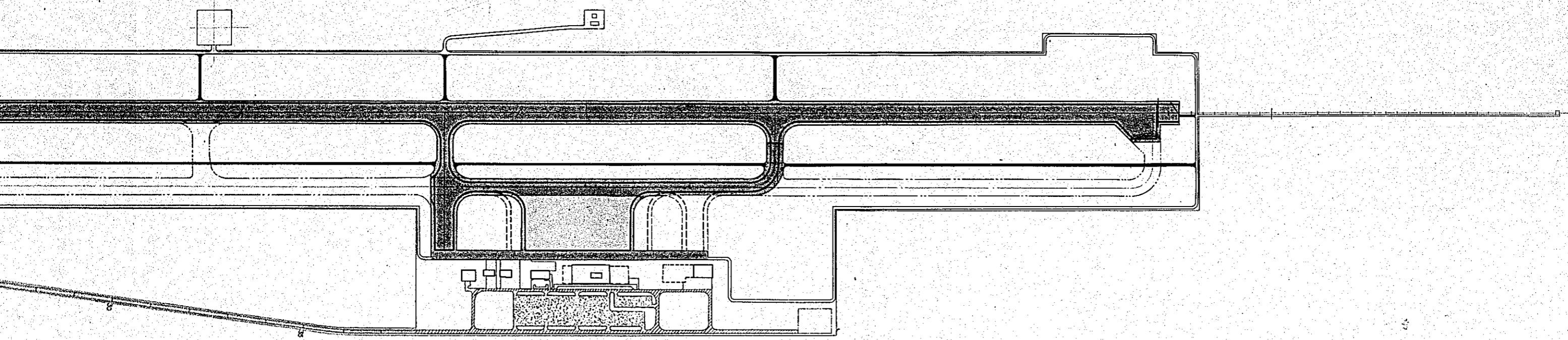
SERVICE ROAD



INNER ROAD



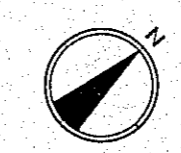
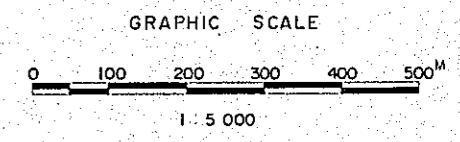
PARKING LOT



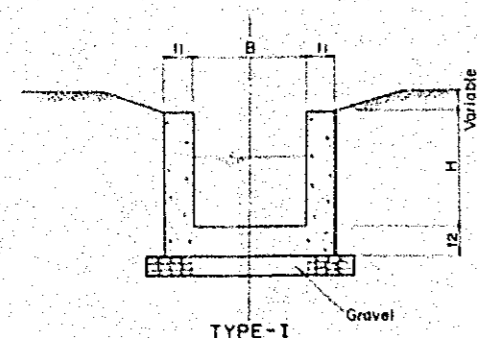
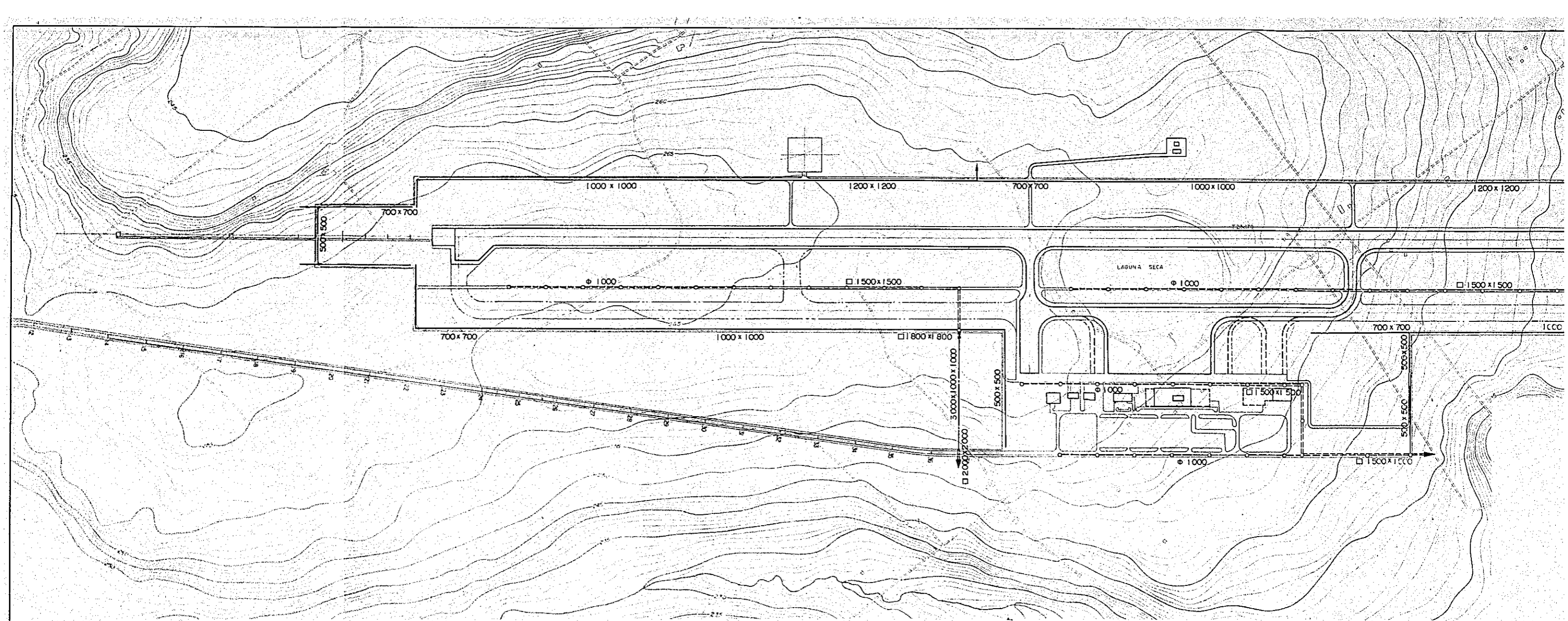
STRUCTURAL PAVEMENT SECTION

- LEGEND**
- SC SURFACE COURSE (ASPHALT CONCRETE)
  - SC SURFACE COURSE (CEMENT CONCRETE)
  - BC BINDER COURSE (ASPHALT CONCRETE)
  - LC LEVELING COURSE (ASPHALT CONCRETE)
  - BAC BASE COURSE (BITUMINOUS STABILIZATION)
  - BAC BASE COURSE (CRUSHED STONE FOR MECHANICAL STABILIZATION)
  - SBC SUBBASE COURSE (CRUSHER RUN)
  - SBC SUBBASE COURSE (SAND)
  - SG SUBGRADE

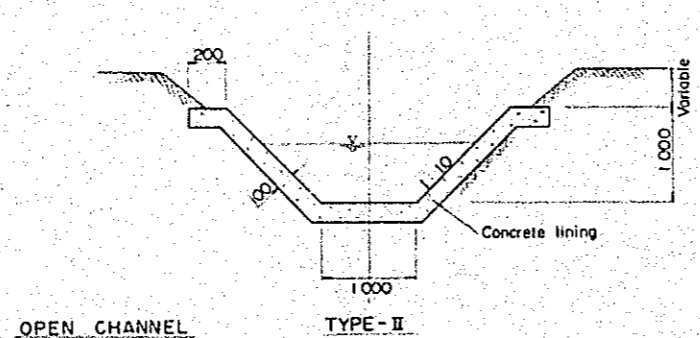
- LEGEND**
- AIRFIELD PAVEMENT (ASPHALT CONCRETE)
  - " (CEMENT CONCRETE)
  - PARKING LOT
  - SERVICE ROAD (CEMENT CONCRETE)
  - SERVICE ROAD (ASPHALT CONCRETE)
  - INNER ROAD



REPUBLICA DEL PARAGUAY ADMINISTRACION NACIONAL DE AEROPUERTOS CIVILES	
NEW CPS AIRPORT DEVELOPMENT	
PAVEMENTS	FEB. 1980
JAPAN INTERNATIONAL COOPERATION AGENCY	

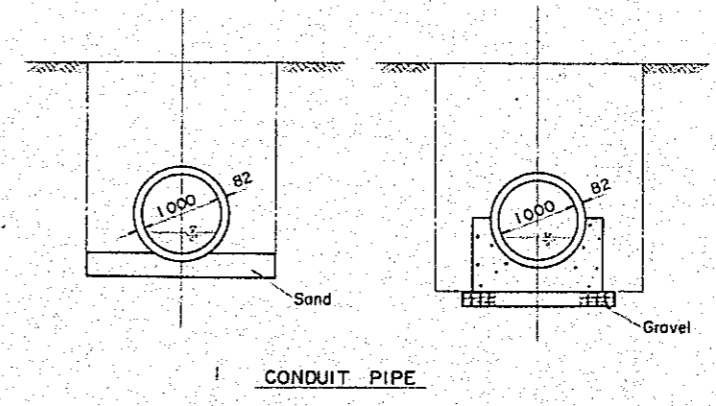


TYPE - I

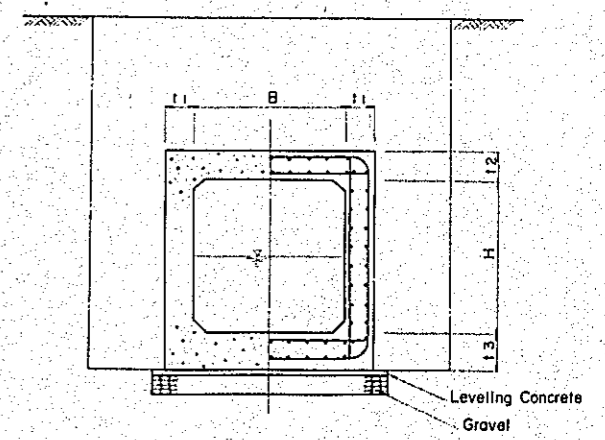


OPEN CHANNEL

TYPE - II



CONDUIT PIPE



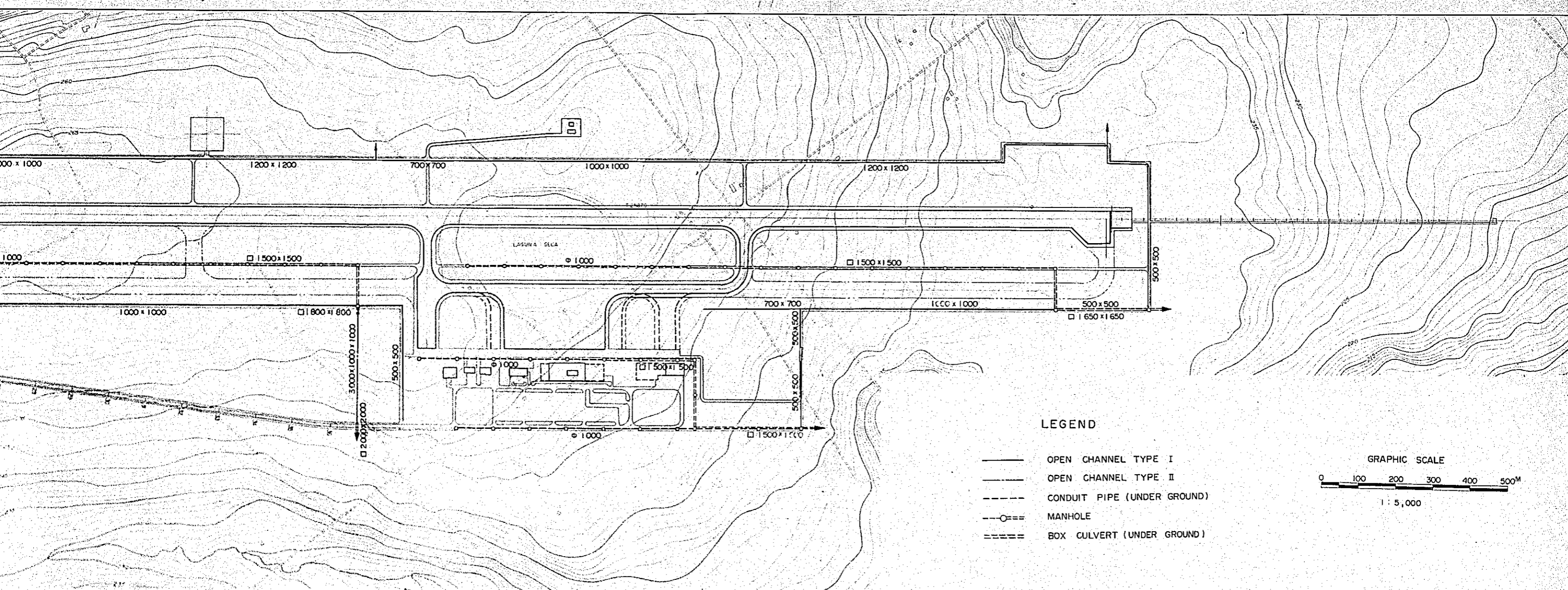
BOX CULVERT

UNIT: mm

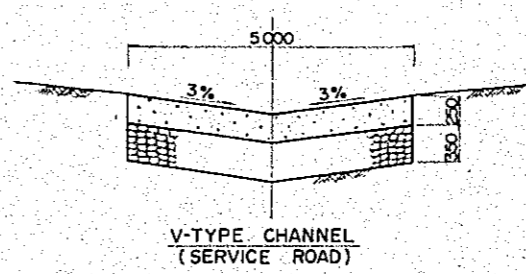
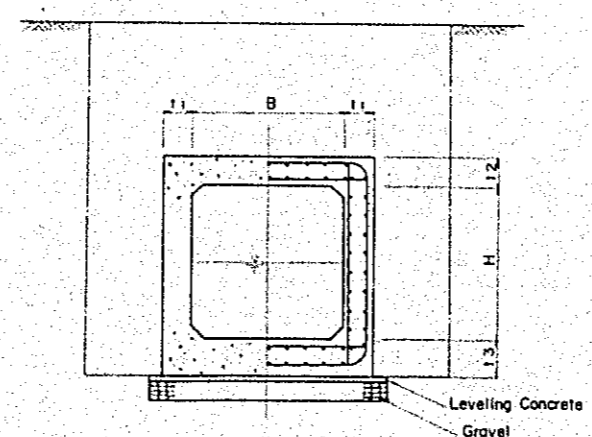
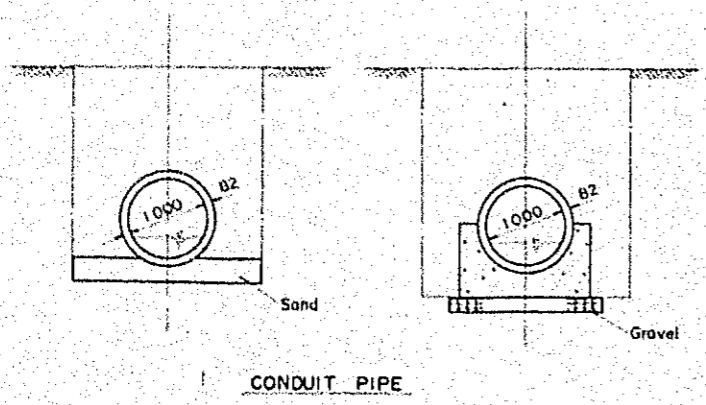
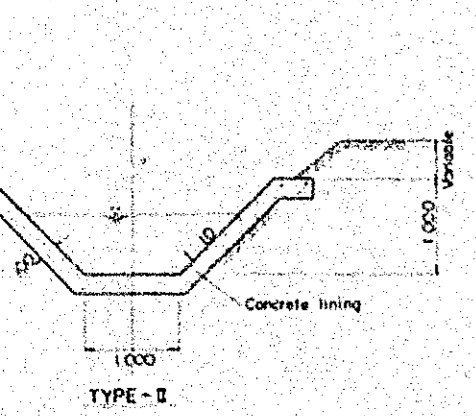
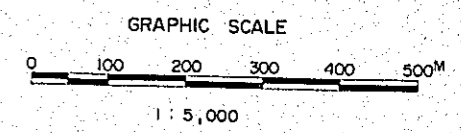
	500 x 300	700 x 700	1000 x 1000	1200 x 1200
H	500	700	1000	1200
B	500	700	1000	1200
11	150	200	200	250
12	200	250	250	300

UNIT: mm

	1500x1500	1650x1650	1800x1800	2000x2000
H	1500	1650	1800	2000
B	1500	1650	1800	2000
11	250	250	300	300
12	250	250	300	300
13	300	300	350	350



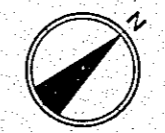
- LEGEND**
- OPEN CHANNEL TYPE I
  - OPEN CHANNEL TYPE II
  - CONDUIT PIPE (UNDER GROUND)
  - MANHOLE
  - ==== BOX CULVERT (UNDER GROUND)



**BOX CULVERT**

UNIT mm

	1500x1500	1650x1650	1800x1800	2000x2000
H	1500	1650	1800	2000
B	1500	1650	1800	2000
11	250	250	300	300
12	250	250	300	300
13	300	300	350	350



REPUBLICA DEL PARAGUAY  
 ADMINISTRACION NACIONAL DE  
 AEROPUERTOS CIVILES

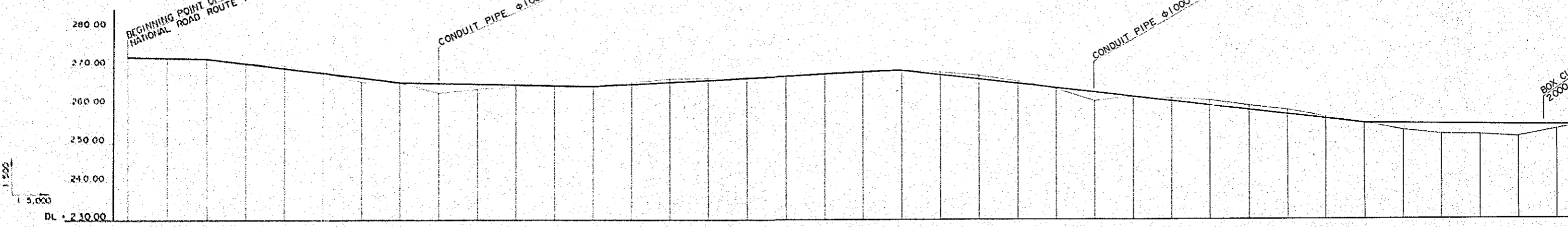
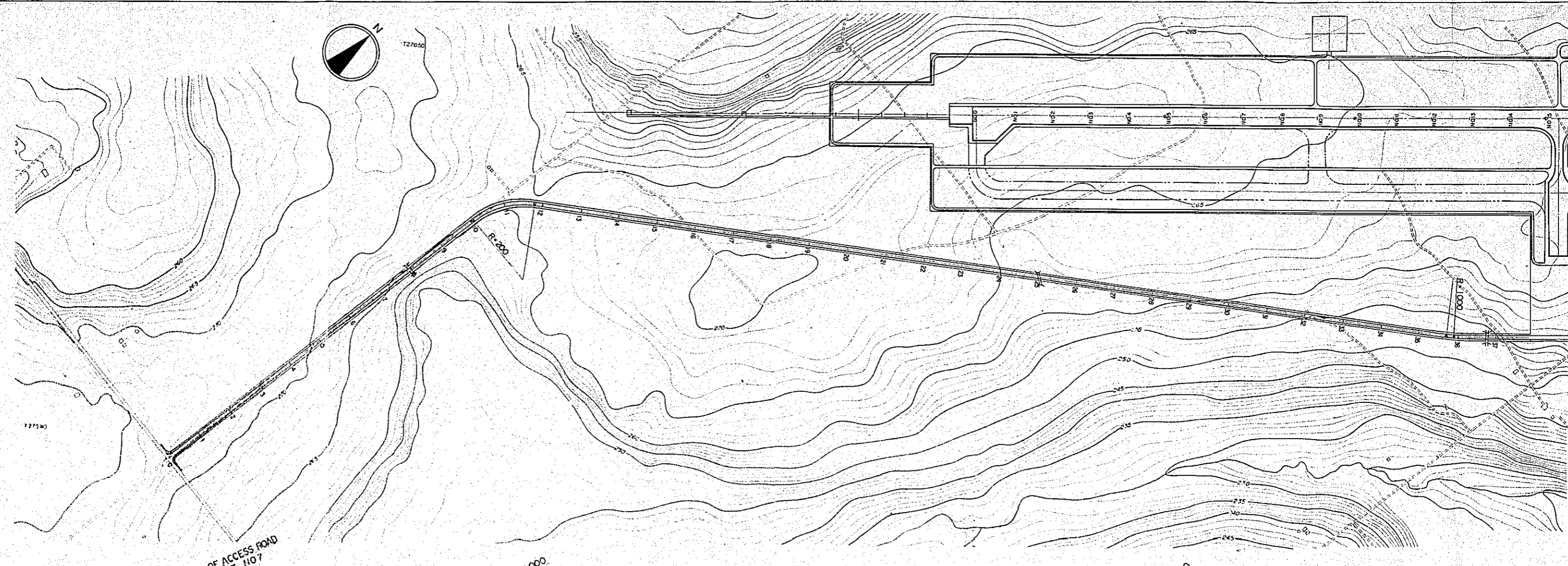
**NEW CPS AIRPORT DEVELOPMENT**

DRAINAGE

JAPAN INTERNATIONAL COOPERATION AGENCY

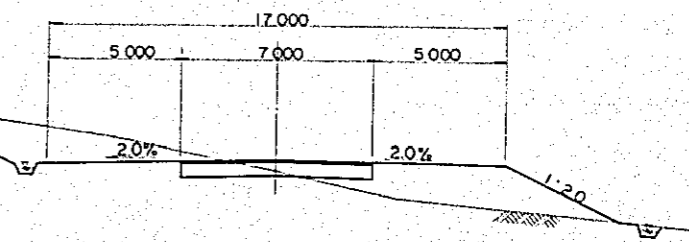
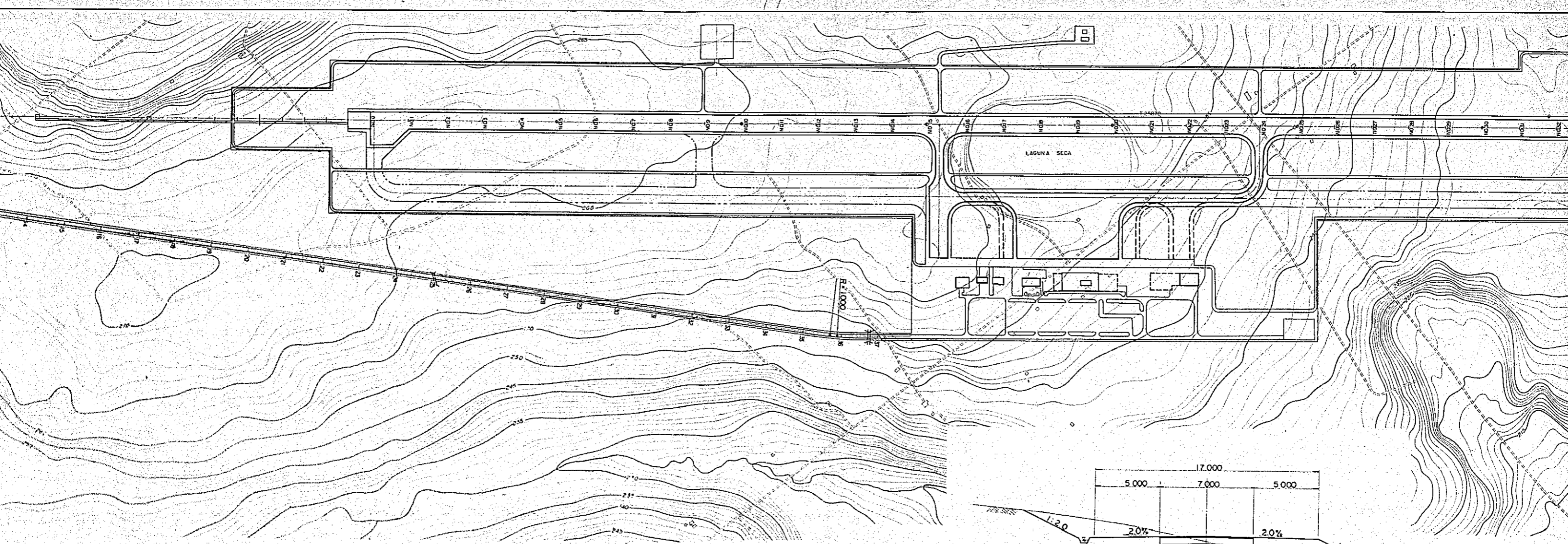
FEB. 1980

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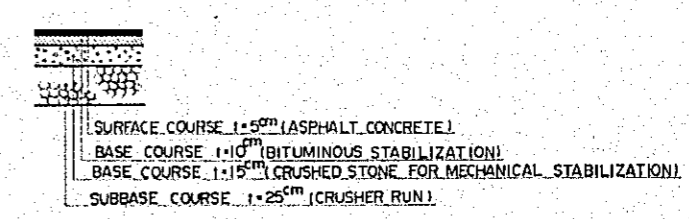


STATION	DISTANCE	ACCUMULATED DISTANCE	GROUND HEIGHT	FORMATION HEIGHT	CUT, FILL	GRADIENT
NO. 0	0.00	0.00	272.80	272.80	± 0.00	1:1.200% L: 500.0
NO. 1	100.00	100.00	272.40	272.45	- 0.05	
NO. 2	100.00	200.00	272.10	272.10	± 0.00	
NO. 3	100.00	300.00	271.20	270.90	+ 0.30	
NO. 4	100.00	400.00	270.50	269.70	+ 0.80	
NO. 5	100.00	500.00	269.10	268.50	+ 0.60	
NO. 6	100.00	600.00	266.20	267.30	- 1.10	
NO. 7	100.00	700.00	266.10	266.10	± 0.00	
NO. 8	100.00	800.00	263.50	265.92	- 2.42	
NO. 9	100.00	900.00	264.50	265.74	- 1.24	
NO. 10	100.00	1000.00	265.20	265.56	- 0.36	
NO. 11	100.00	1100.00	265.20	265.38	- 0.18	
NO. 12	100.00	1200.00	265.20	265.20	± 0.00	
NO. 13	100.00	1300.00	266.30	265.76	+ 0.54	
NO. 14	100.00	1400.00	267.20	266.33	+ 0.87	
NO. 15	100.00	1500.00	267.30	266.89	+ 0.41	
NO. 16	100.00	1600.00	267.80	267.45	+ 0.35	
NO. 17	100.00	1700.00	268.00	268.02	- 0.02	
NO. 18	100.00	1800.00	268.70	268.58	+ 0.12	
NO. 19	100.00	1900.00	269.50	269.14	+ 0.36	
NO. 20	100.00	2000.00	269.70	269.70	± 0.00	
NO. 21	100.00	2100.00	269.20	268.56	+ 0.64	
NO. 22	100.00	2200.00	268.30	267.42	+ 0.88	
NO. 23	100.00	2300.00	266.90	266.28	+ 0.62	
NO. 24	100.00	2400.00	265.00	265.14	- 0.14	
NO. 25	100.00	2500.00	261.80	263.99	- 2.19	
NO. 26	100.00	2600.00	262.80	262.85	- 0.05	
NO. 27	100.00	2700.00	262.30	261.71	+ 0.59	
NO. 28	100.00	2800.00	262.00	260.57	+ 1.43	
NO. 29	100.00	2900.00	260.50	259.43	+ 1.07	
NO. 30	100.00	3000.00	259.50	258.28	+ 1.22	
NO. 31	100.00	3100.00	257.50	257.14	+ 0.36	
NO. 32	100.00	3200.00	256.00	256.00	± 0.00	
NO. 33	100.00	3300.00	254.20	255.92	- 1.72	
NO. 34	100.00	3400.00	253.00	255.83	- 2.83	
NO. 35	100.00	3500.00	252.90	255.75	- 2.85	
NO. 36	100.00	3600.00	252.90	255.66	- 2.76	
NO. 37	100.00	3700.00	254.50	255.58	- 1.08	

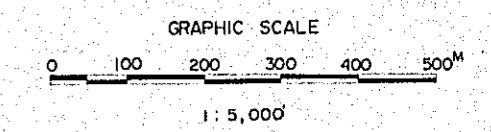




TYPICAL CROSS SECTION



STRUCTURAL PAVEMENT SECTION



CONDUIT PIPE Ø1000

BOX CULVERT 2000 x 2000 END POINT OF ACCESS ROAD (TO INNER ROAD)

NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 37+80
263.50	263.75	266.33	266.89	267.45	268.02	268.58	269.14	269.70	269.56	267.42	265.28	265.14	263.99	262.85	261.71	260.57	259.43	258.28	257.14	256.00	254.85	253.68	252.52	251.36	250.20	249.04
1200000	1300000	1400000	1500000	1600000	1700000	1800000	1900000	2000000	2100000	2200000	2300000	2400000	2500000	2600000	2700000	2800000	2900000	3000000	3100000	3200000	3300000	3400000	3500000	3600000	3700000	3790000
1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	900000
0.54	0.87	0.41	0.35	0.02	0.12	0.36	0.00	0.64	0.88	0.62	0.14	2.19	0.05	0.59	1.43	1.07	1.22	0.36	0.00	1.72	2.83	2.85	2.76	1.08	1.00	

1:0.563% L:8000

1:1.142% L:12000

1:0.085% L:5900

REPUBLICA DEL PARAGUAY  
 ADMINISTRACION NACIONAL DE  
 AEROPUERTOS CIVILES

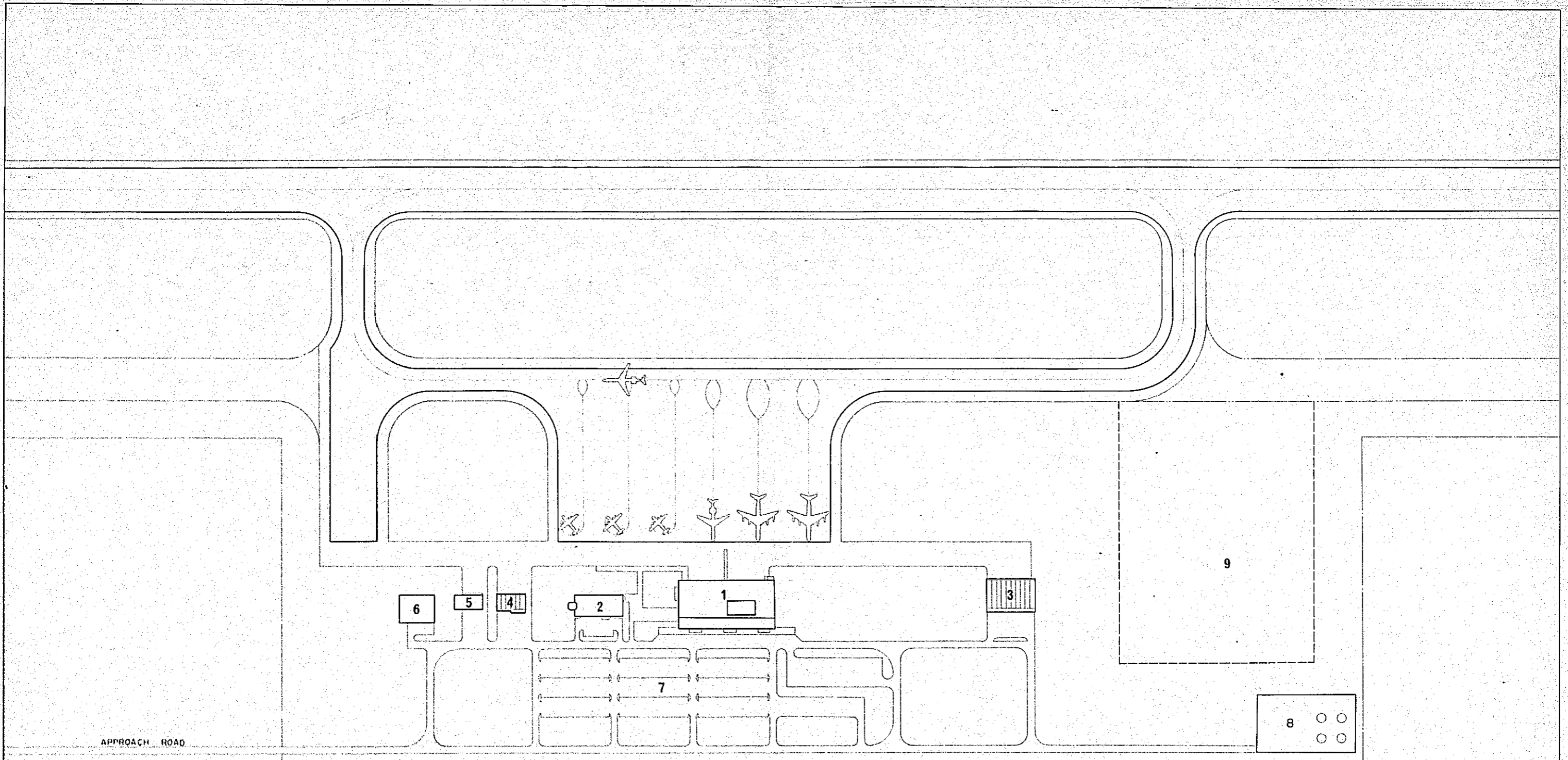
NEW CPS AIRPORT DEVELOPMENT

APPROACH ROAD

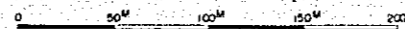
JAPAN INTERNATIONAL COOPERATION AGENCY

FEB 1980

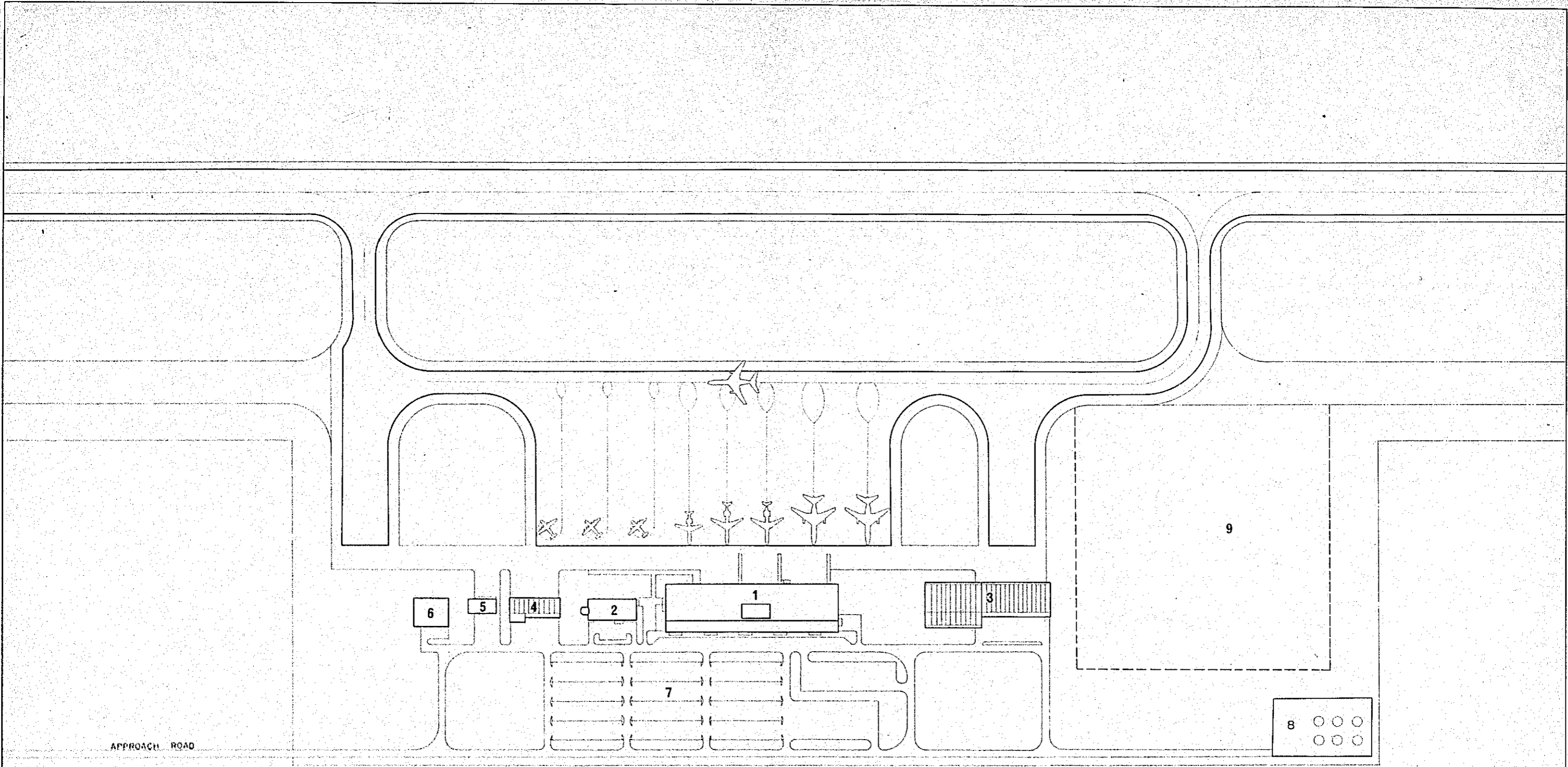
10



- 1 PASSENGER TERMINAL BUILDING
- 2 ADMINISTRATION BUILDING
- 3 INTERNATIONAL CARGO BUILDING
- 4 DOMESTIC CARGO BUILDING
- 5 FIRE STATION
- 6 MAIN SUBSTATION
- 7 PARKING LOT
- 8 FUEL STORAGE
- 9 GENERAL AVIATION APRON

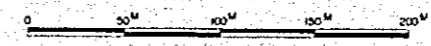
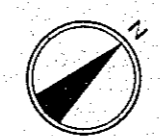


REPUBLICA DEL PARAGUAY ADMINISTRACION NACIONAL DE AEROPUERTOS CIVILES	
NEW CPS AIRPORT DEVELOPMENT	
TERMINAL AREA LAYOUT - STAGE 1	FEB 1980
JAPAN INTERNATIONAL COOPERATION AGENCY	

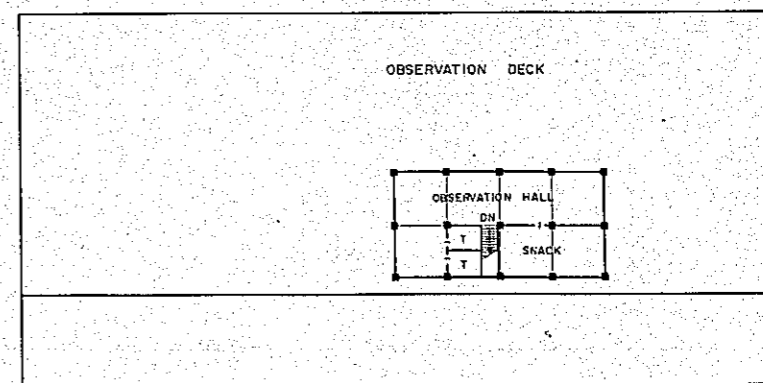
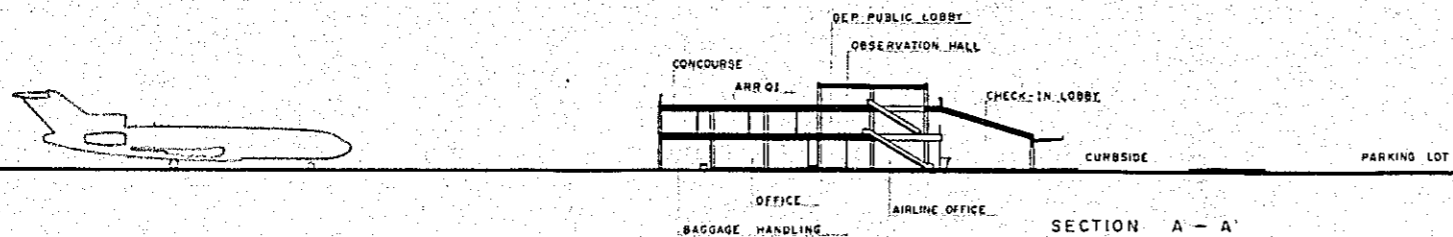


APPROACH ROAD

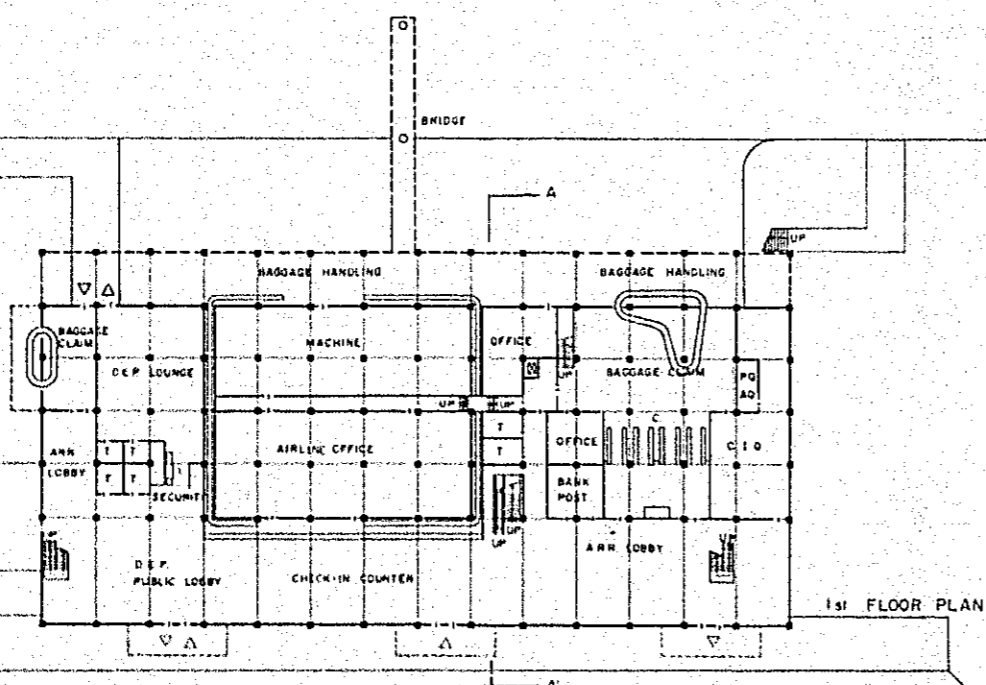
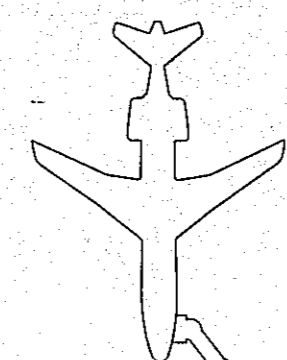
- 1 PASSENGER TERMINAL BUILDING
- 2 ADMINISTRATION BUILDING
- 3 INTERNATIONAL CARGO BUILDING
- 4 DOMESTIC CARGO BUILDING
- 5 FIRE STATION
- 6 MAIN SUBSTATION
- 7 PARKING LOT
- 8 FUEL STORAGE
- 9 GENERAL AVIATION APRON



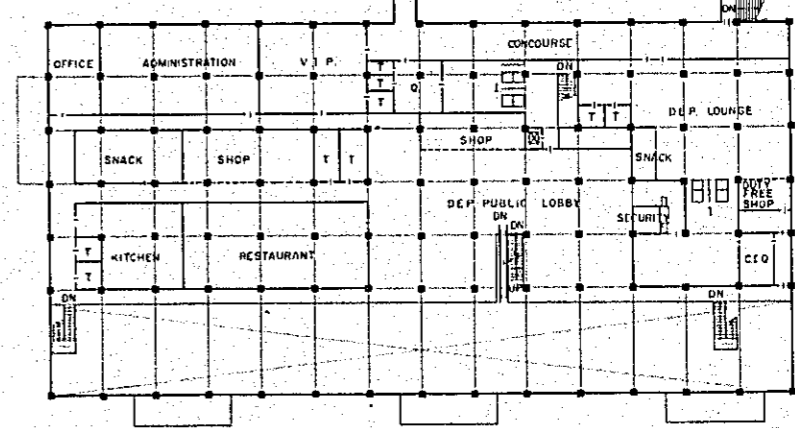
REPUBLICA DEL PARAGUAY ADMINISTRACION NACIONAL DE AEROPUERTOS CIVILES	
NEW CPS AIRPORT DEVELOPMENT	
TERMINAL AREA LAYOUT - STAGE II	FEB 1980
JAPAN INTERNATIONAL COOPERATION AGENCY	



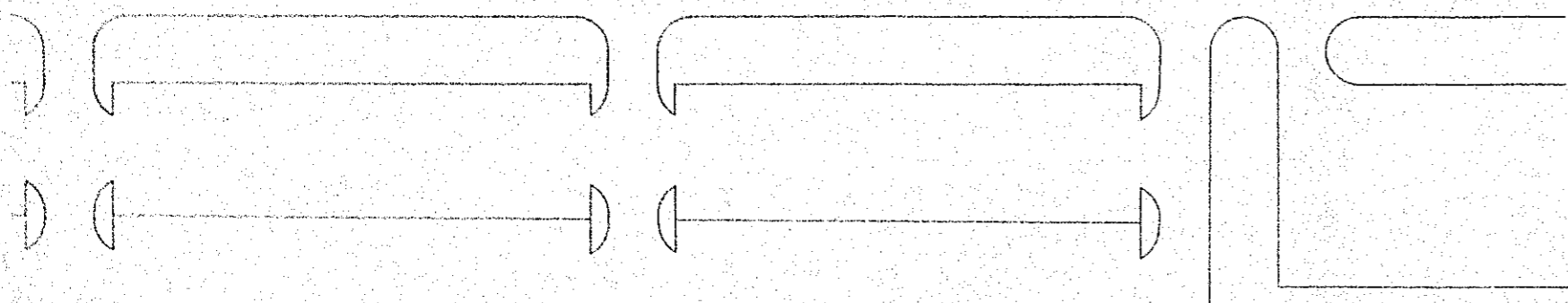
3rd FLOOR PLAN



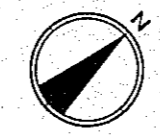
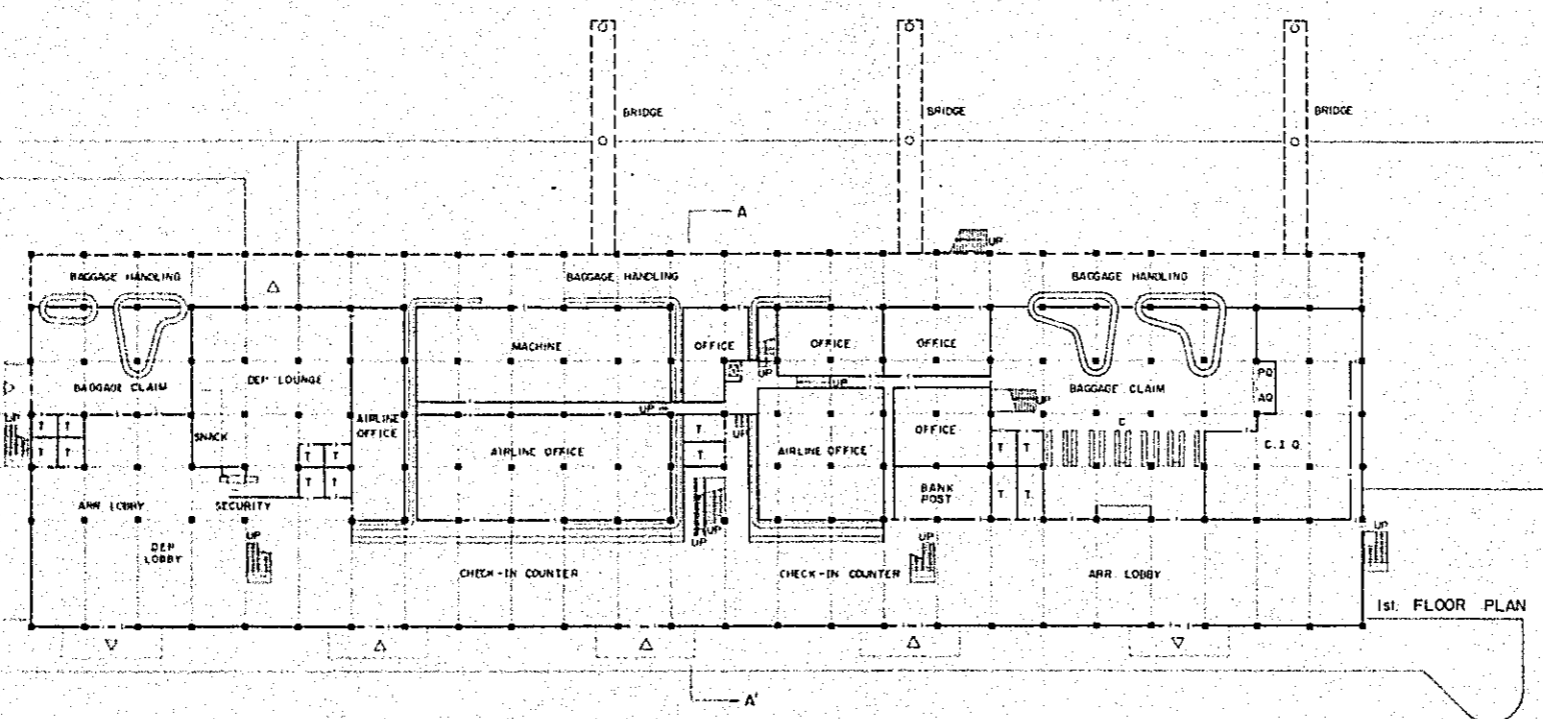
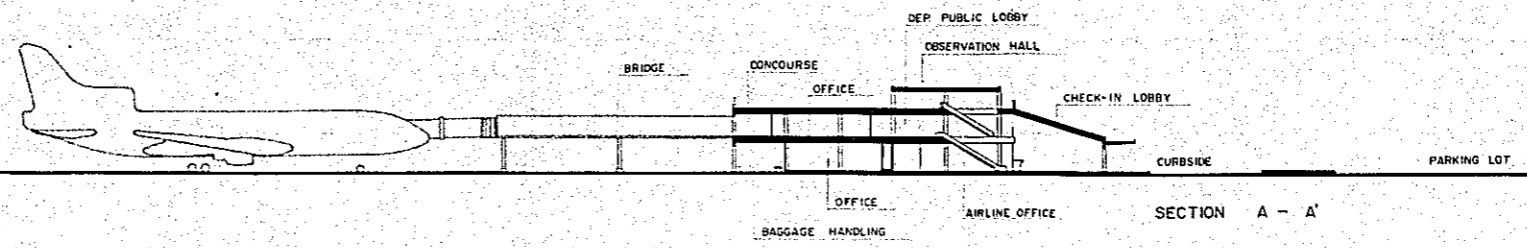
1st FLOOR PLAN



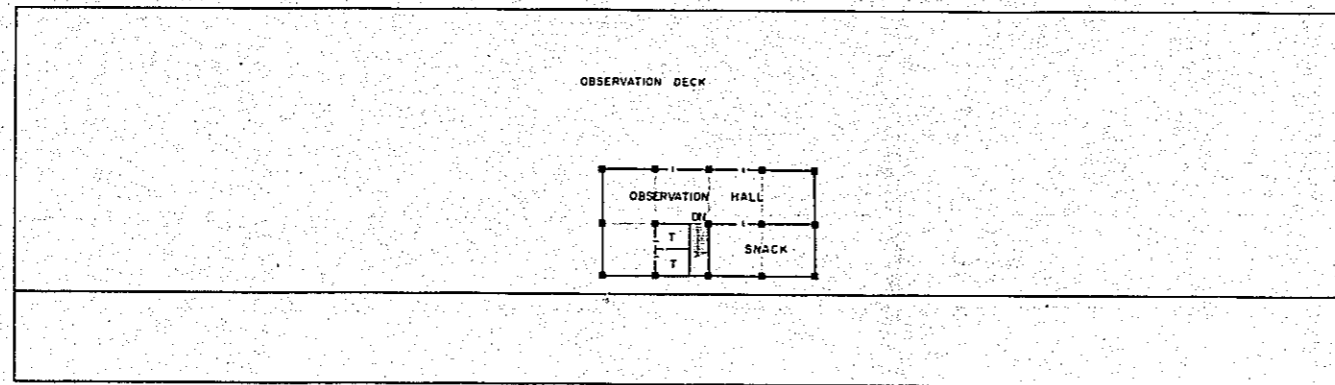
2nd FLOOR PLAN



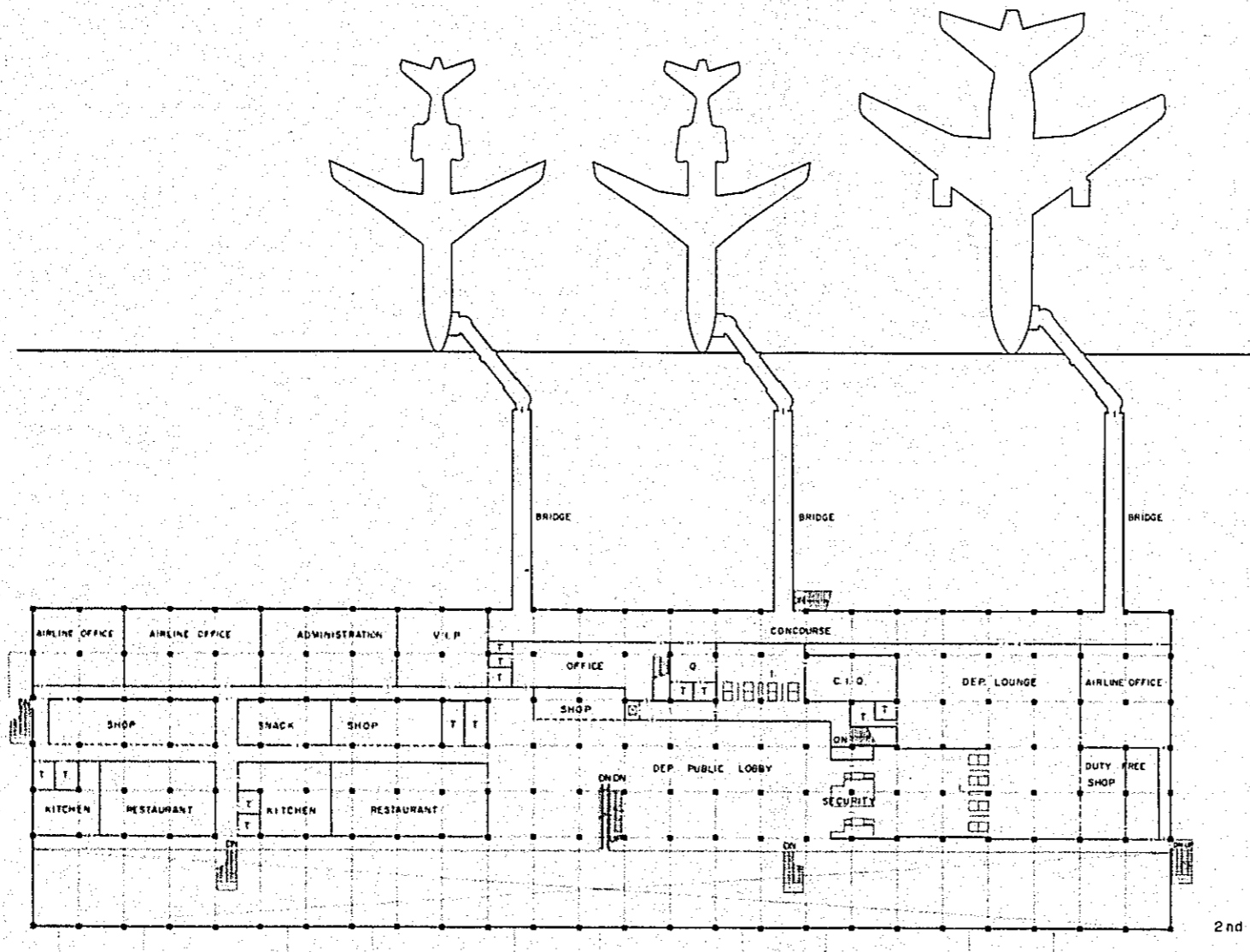
REPUBLICA DEL PARAGUAY ADMINISTRACION NACIONAL DE AEROPUERTOS CIVILES	
NEW CPS AIRPORT DEVELOPMENT	
PASSENGER TERMINAL BUILDING - STAGE I	FEB. 1980 13
JAPAN INTERNATIONAL COOPERATION AGENCY	



REPUBLICA DEL PARAGUAY ADMINISTRACION NACIONAL DE AEROPUERTOS CIVILES	
NEW CPS AIRPORT DEVELOPMENT	
PASSENGER TERMINAL BUILDING - STAGE II - I	FEB. 1980 14
JAPAN INTERNATIONAL COOPERATION AGENCY	



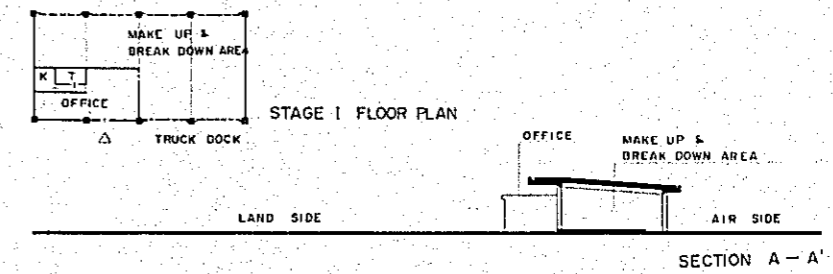
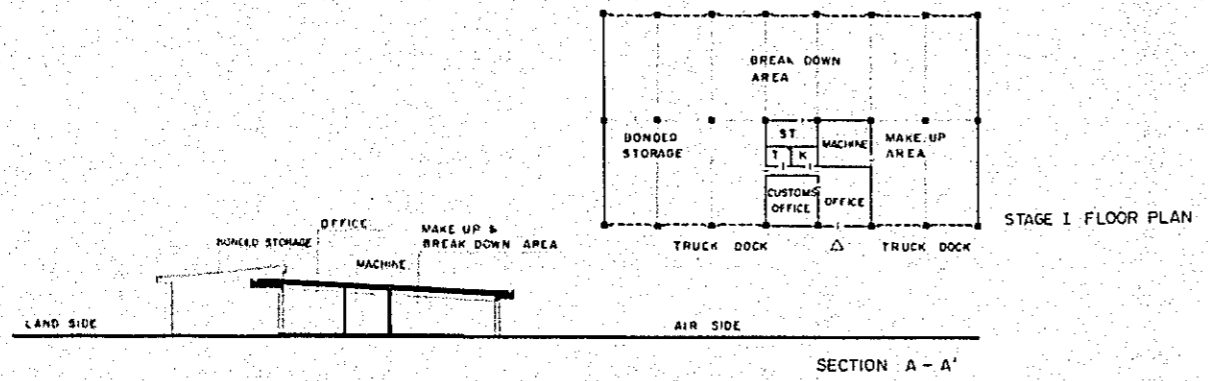
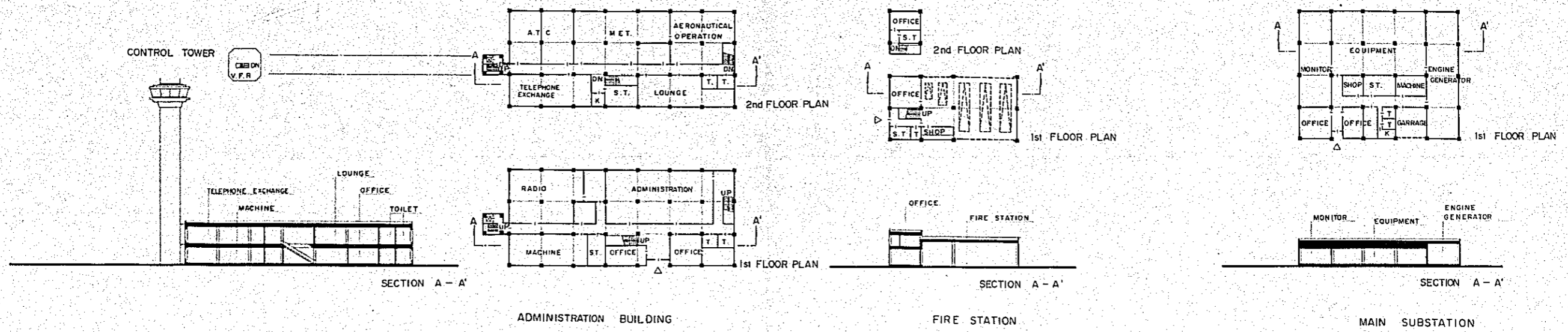
3rd FLOOR PLAN



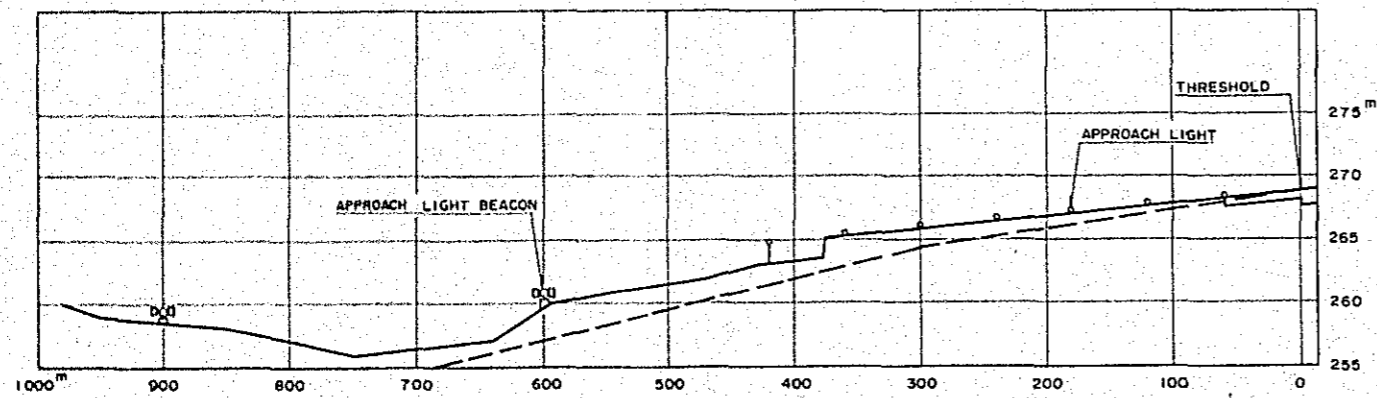
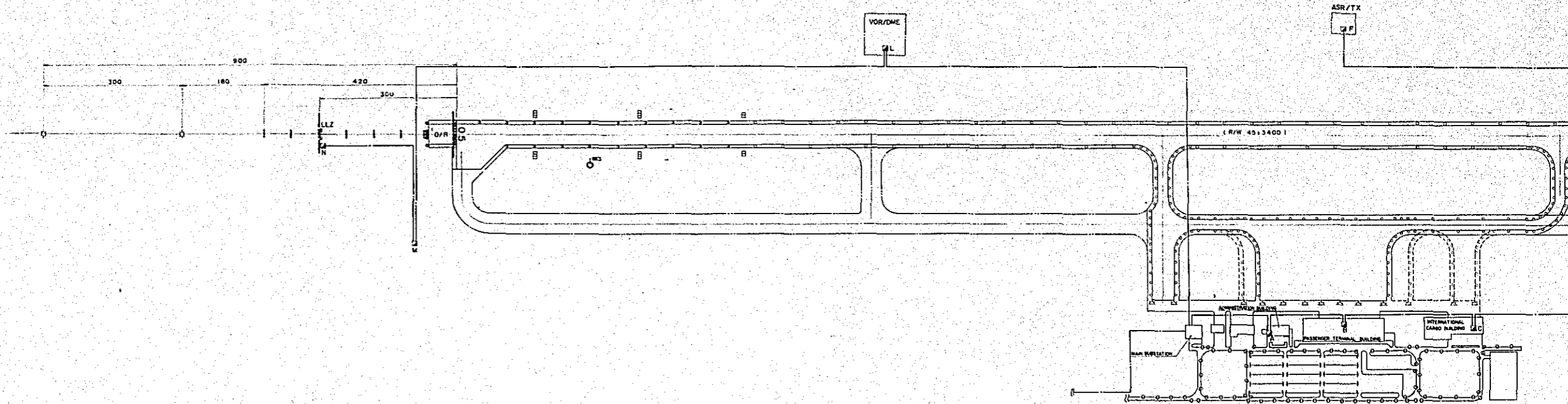
2nd FLOOR PLAN



REPUBLICA DEL PARAGUAY ADMINISTRACION NACIONAL DE AEROPUERTOS CIVILES	
NEW CPS AIRPORT DEVELOPMENT	
PASSENGER TERMINAL BUILDING - STAGE II - 2	FEB. 1980 15
JAPAN INTERNATIONAL COOPERATION AGENCY	



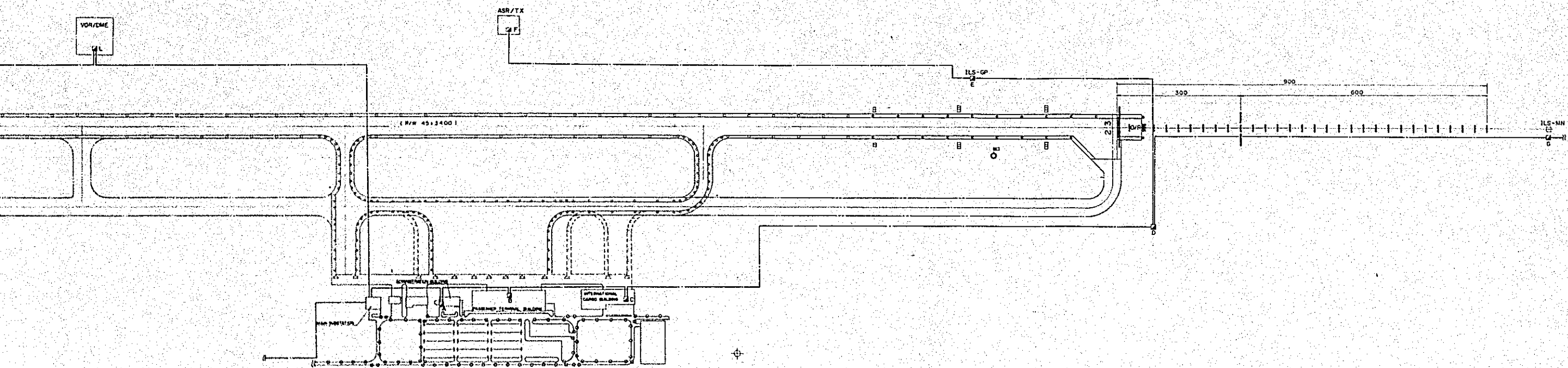
REPUBLICA DEL PARAGUAY	
ADMINISTRACION NACIONAL DE AEROPUERTOS CIVILES	
NEW CPS AIRPORT DEVELOPMENT	
ADMINISTRATION BUILDING / CARGO BUILDING /	FEB 1980
FIRE STATION / MAIN SUBSTATION	16
JAPAN INTERNATIONAL COOPERATION AGENCY	



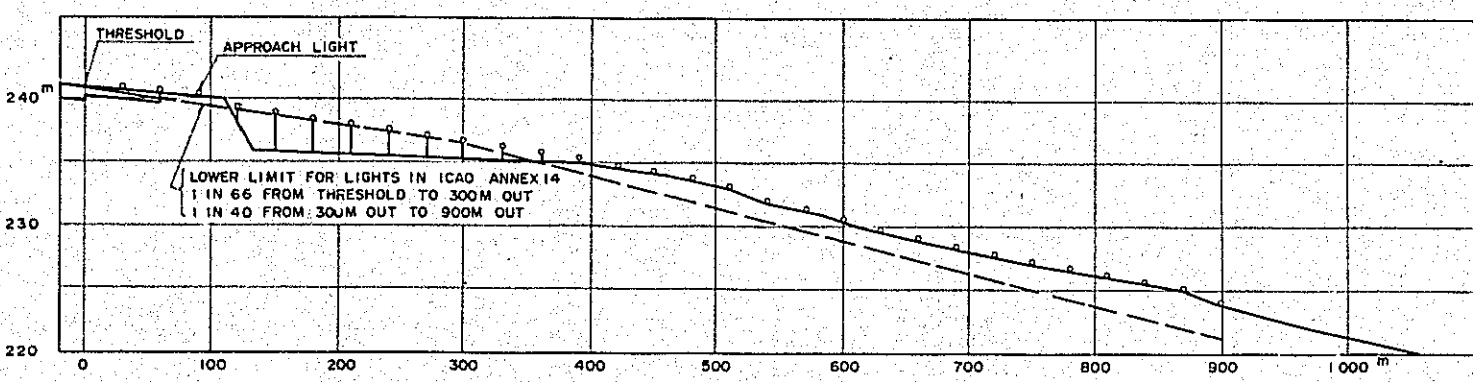
LONGITUDINAL CROSS SECTION OF APPROACH AREA

LEGEND	
APPROACH LIGHTS	○
APPROACH LIGHT BEACON	⊗
VISUAL APPROACH SLOPE INDICATOR (VASI)	⊞
RUNWAY EDGE LIGHTS	○ ○
OVER RUN LIGHTS	●
RUNWAY END LIGHTS RUNWAY THRESHOLD LIGHTS	⋮
TAXIWAY EDGE LIGHTS (STAGE I)	○
TAXIWAY EDGE LIGHTS (STAGE II)	◦
AERODROME BEACON	⊕
WIND-DIRECTIONAL INDICATOR	⊙
APRON FLOOD LIGHTS (STAGE I)	⋄
APRON FLOOD LIGHTS (STAGE II)	⋄
SUBSTATION	⊠
STREET LIGHTS	○
DISTRIBUTION LINE	—

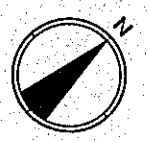




LEGEND	
APPROACH LIGHTS	o
APPROACH LIGHT BEACON	⊙
VISUAL APPROACH SLOPE INDICATOR (VASI)	⊞
RUNWAY EDGE LIGHTS	o o
OVER RUN LIGHTS	•
RUNWAY END LIGHTS	
RUNWAY THRESHOLD LIGHTS	
TAXIWAY EDGE LIGHTS (STAGE I)	o
TAXIWAY EDGE LIGHTS (STAGE II)	•
AERODROME BEACON	⊕
WIND DIRECTIONAL INDICATOR	⊙
APRON FLOOD LIGHTS (STAGE I)	☆
APRON FLOOD LIGHTS (STAGE II)	☆
SUBSTATION	⊞
STREET LIGHTS	o
DISTRIBUTION LINE	—



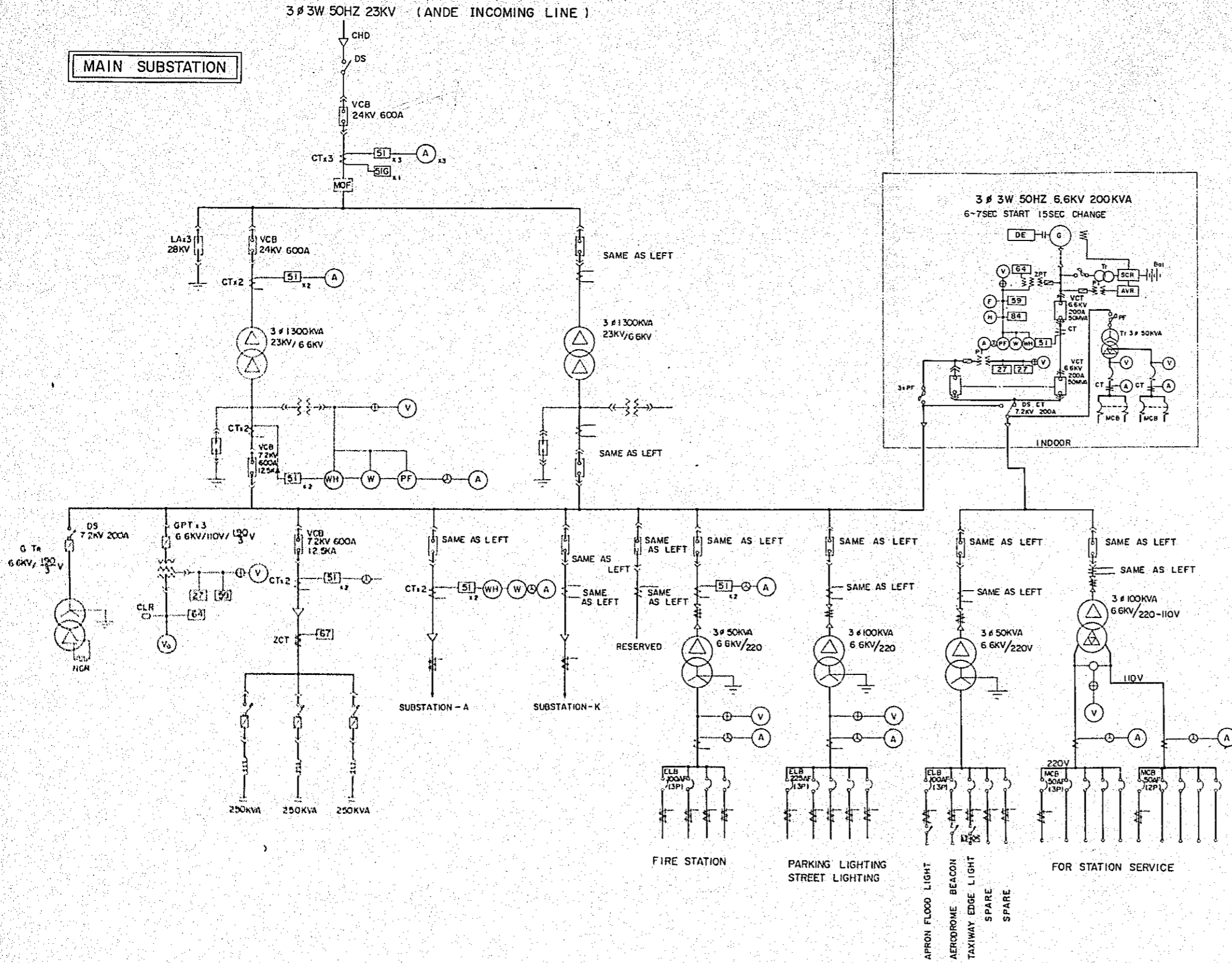
LONGITUDINAL CROSS SECTION OF APPROACH AREA



REPUBLICA DEL PARAGUAY ADMINISTRACION NACIONAL DE AEROPUERTOS CIVILES	
NEW CPS AIRPORT DEVELOPMENT	
AIRFIELD LIGHTING LAYOUT	FEB. 1980
JAPAN INTERNATIONAL COOPERATION AGENCY	

**MAIN SUBSTATION**

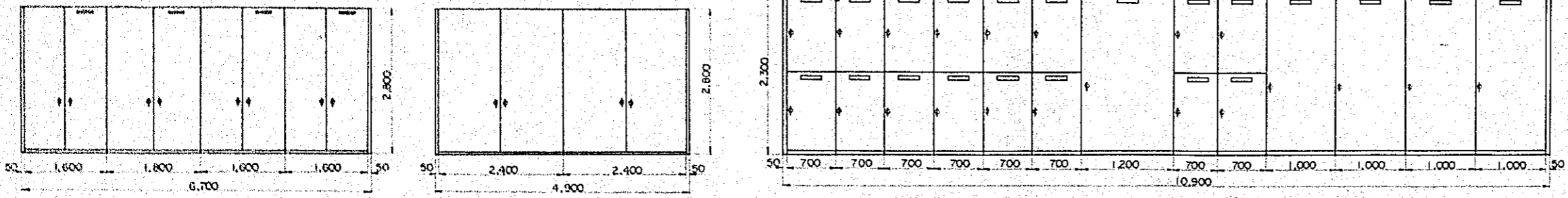
3 # 3W 50HZ 23KV (ANDE INCOMING LINE)



**SYMBOLS**

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
[51]	OVER-CURRENT RELAY	[51G]	OVER-CURRENT GROUND RELAY
[27]	UNDER-VOLTAGE RELAY	[59]	OVER-VOLTAGE RELAY
[64]	OVER VOLTAGE GROUND RELAY	[67]	A-C DIRECTIONAL OVERCURRENT RELAY
[51]	VACUUM CIRCUIT BREAKER	[51]	AMMETER
[27]	MOLDED CASE CIRCUIT BREAKER	[V]	VOLTMETER
[59]	LINE SWITCH	[W]	WATTMETER
[64]	SINGLE POLE DISCONNECTING SWITCH	[WH]	WATT-HOUR METER
[67]	ELECTRO-MAGNETIC CONTACTOR	[PF]	POWER FACTOR METER
[51]	SELF COUPLING DISCONNECTING DEVICE	[VO]	ZERO PHASE SEQUENCE VOLTMETER
[51]	POWER FUSE	[F]	FREQUENCY METER
[51]	TRANSFORMER	[V]	EARTH FAULT INDICATING LAMP
[51]	EARTH LEAKAGE BREAKER	[V]	CHANGE OVER SWITCH FOR AMMETER
[51]	POTENTIAL TRANSFORMER	[V]	CHANGE OVER SWITCH FOR VOLTMETER
[51]	GROUNDING POTENTIAL TRANSFORMER	[3 #]	UNINTERRUPTIBLE POWER SUPPLY SOURCE
[51]	CURRENT TRANSFORMER	[MOF]	METERING OUTFIT
[51]	ZERO-PHASE SEQUENCE CURRENT TRANSFORMER	[NGR]	NEUTRAL GROUNDING RESISTOR
[51]	LIGHTNING ARRESTER		
[51]	ENCLOSE FUSE		
[51]	CABLE HEAD POWER CAPACITOR WITH SERIES REACTOR AND DISCHARGE COIL		
[51]	CLR CURRENT LIMITING RESISTOR		
[51]	SURGE SUPPRESSOR		
[51]	RECTIFIER		
[51]	1 # SINGLE-PHASE		
[51]	3 # THREE-PHASE		
[51]	EARTH		
[51]	DIESEL ENGINE GENERATOR		

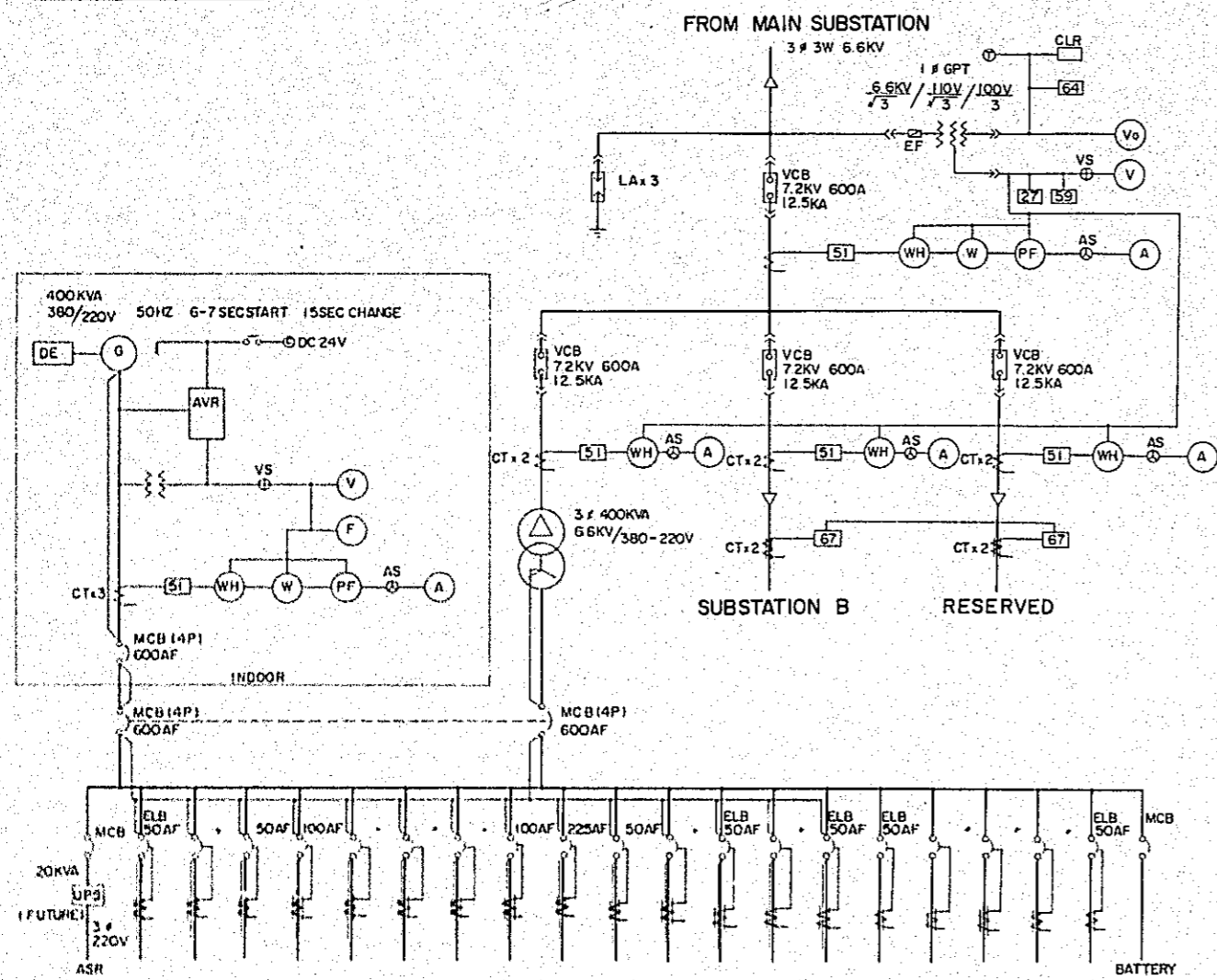
Note: ALL GENERATORS IN THE DRAWINGS RUN AUTOMATICALLY



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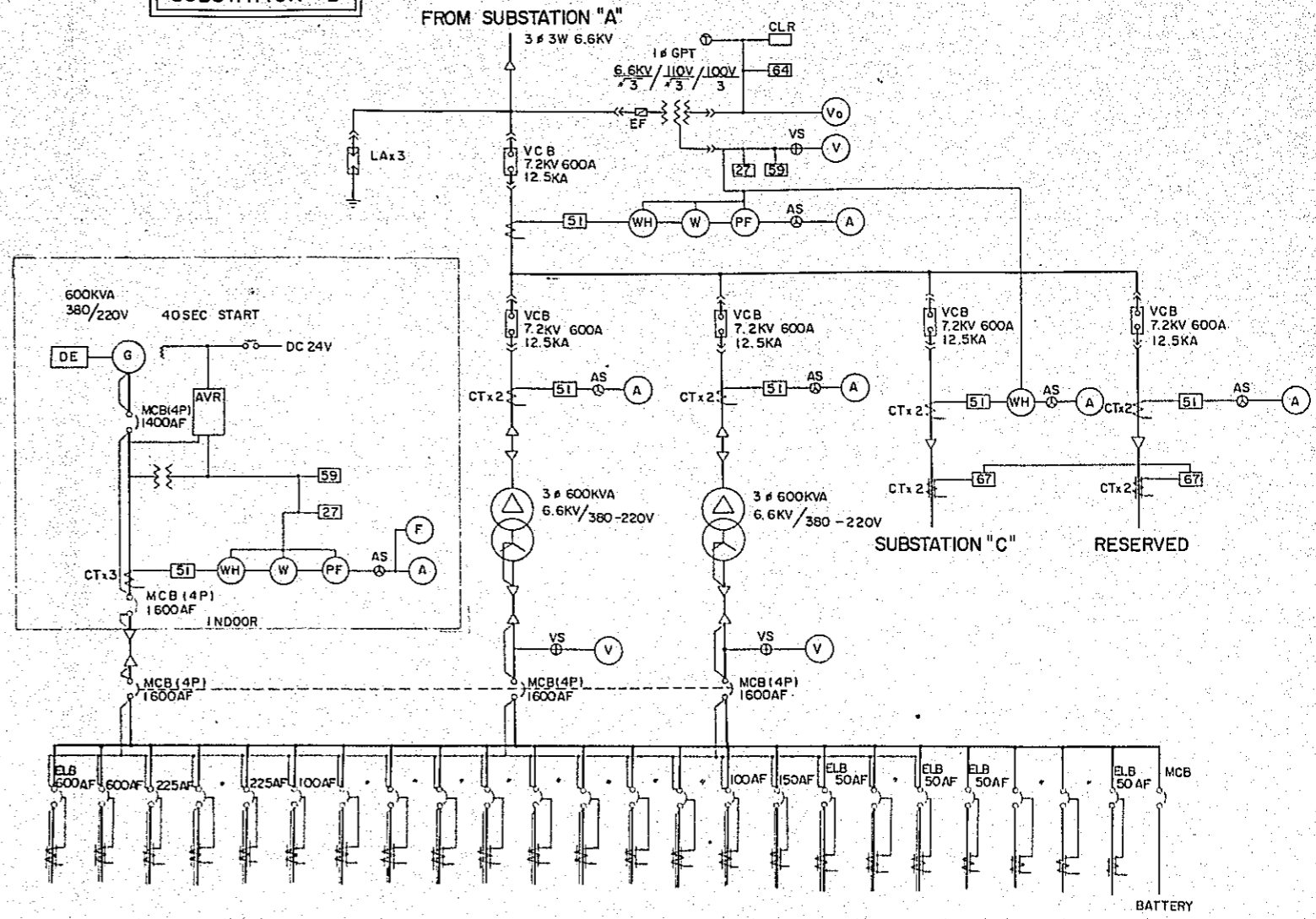
ELECTRIC POWER SUPPLY CONNECTION DIAGRAM - I	FEB. 1980
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**SUBSTATION A**

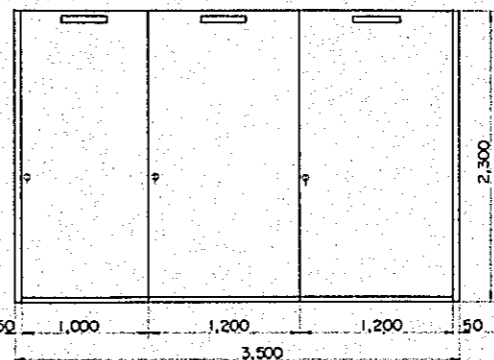
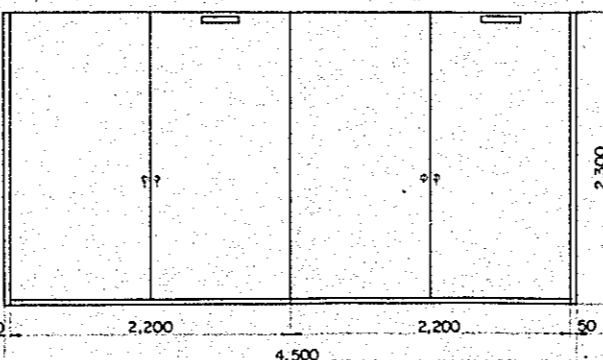
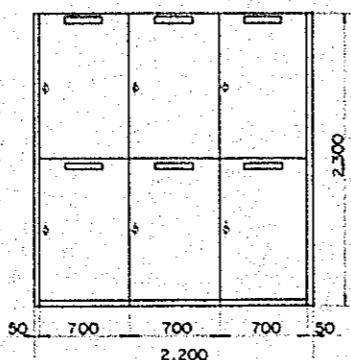
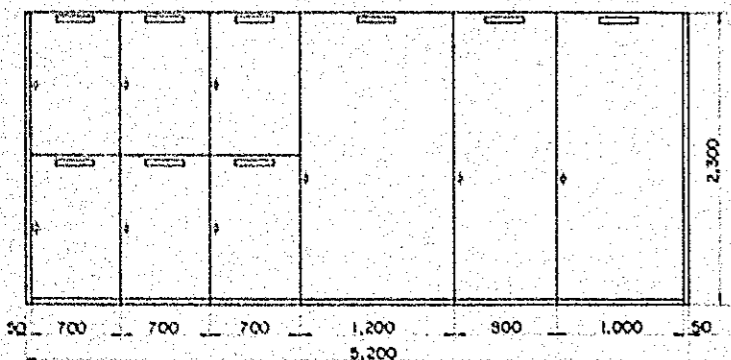


ADMINISTRATION BUILDING, DOMESTIC CARGO BUILDING

**SUBSTATION B**

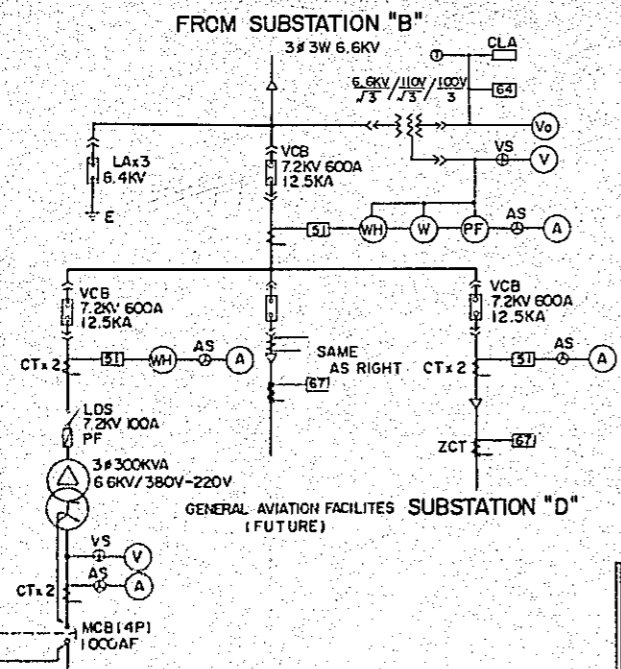
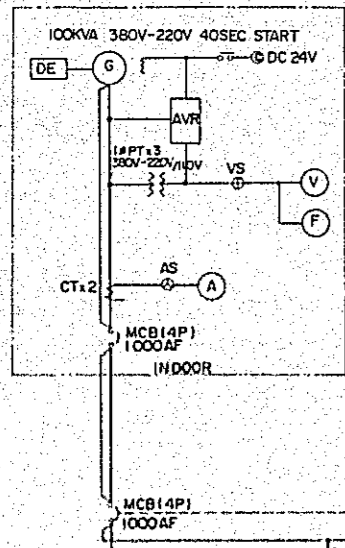


PASSENGER TERMINAL BUILDING, APRON FLOOD LIGHTING, STREET LIGHTING

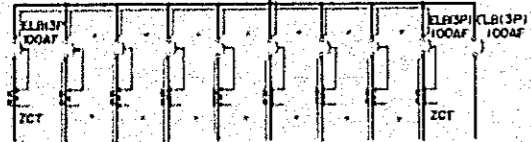


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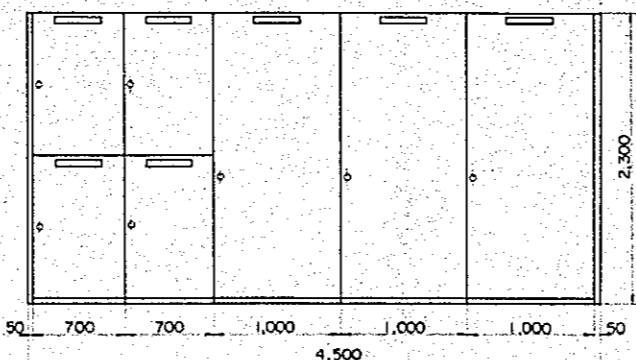
**SUBSTATION C**



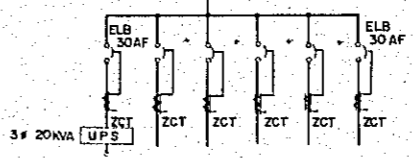
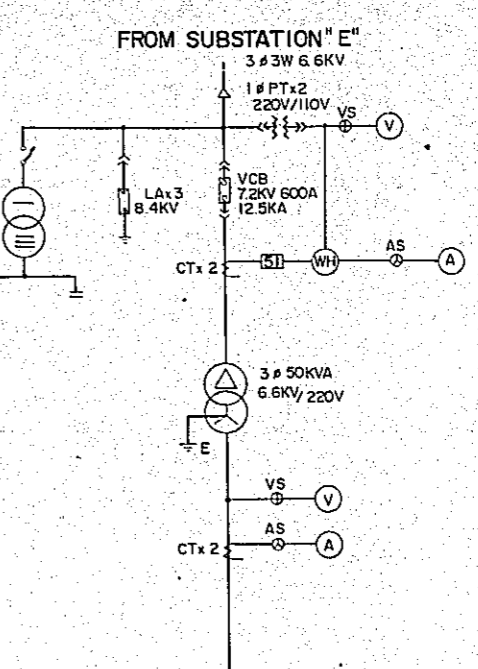
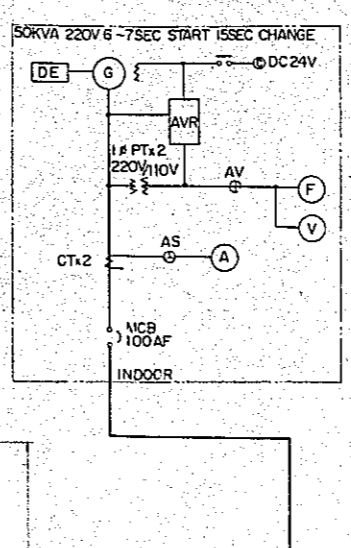
GENERAL AVIATION FACILITIES SUBSTATION "D" (FUTURE)



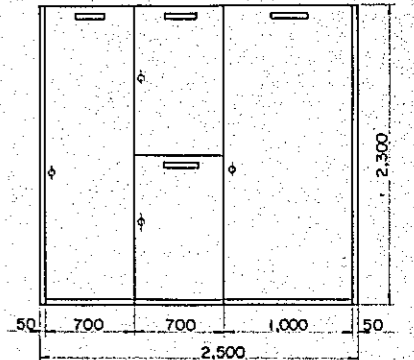
INTERNATIONAL CARGO BUILDING  
 APRON FLOOD LIGHTING FOR CARGO APRON  
 STREET LIGHTING



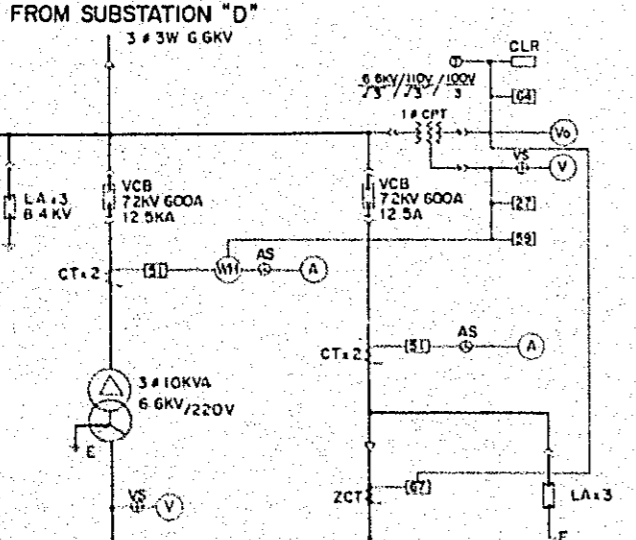
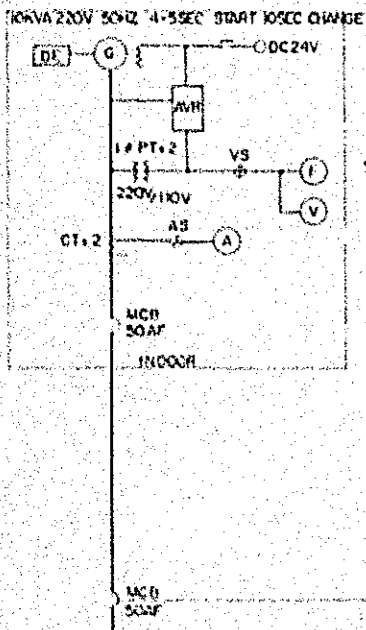
**SUBSTATION F**



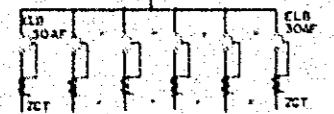
ASR / TX



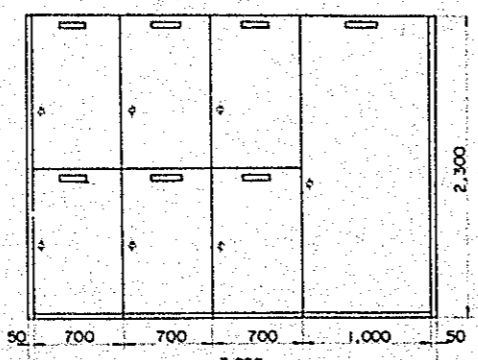
**SUBSTATION G**



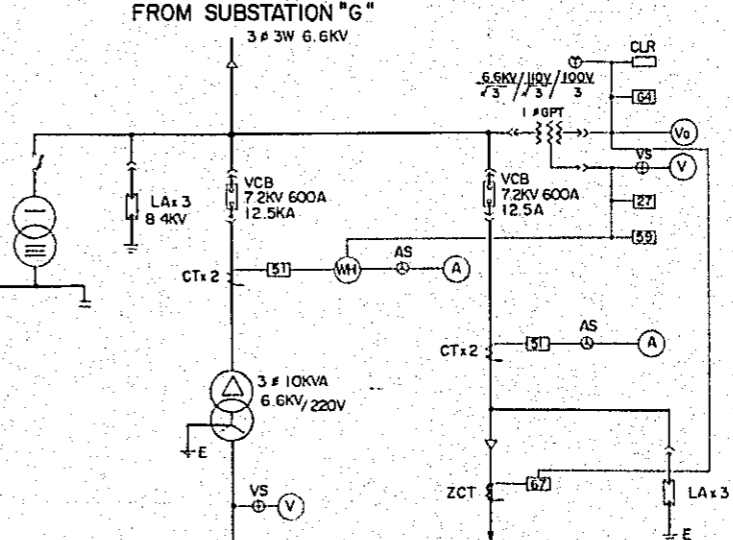
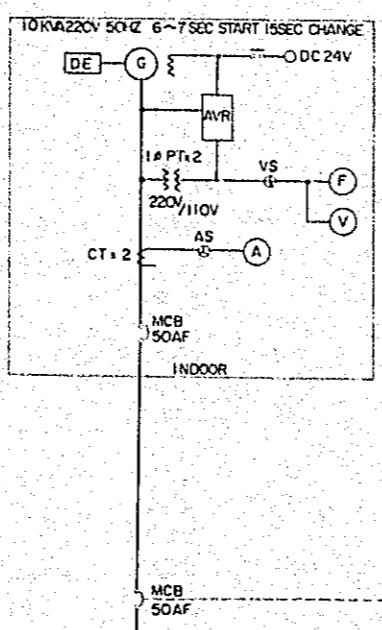
SUBSTATION "H" (overhead wire)



ILS / M.M



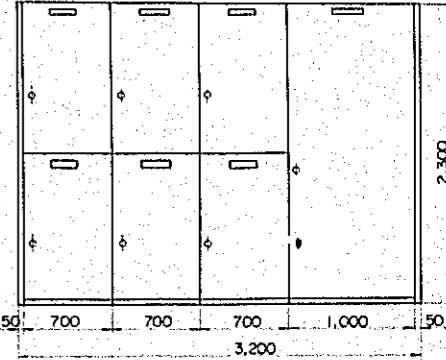
**SUBSTATION H**



SUBSTATION "J" (overhead wire)



NDB - 2 ( 2 Km )



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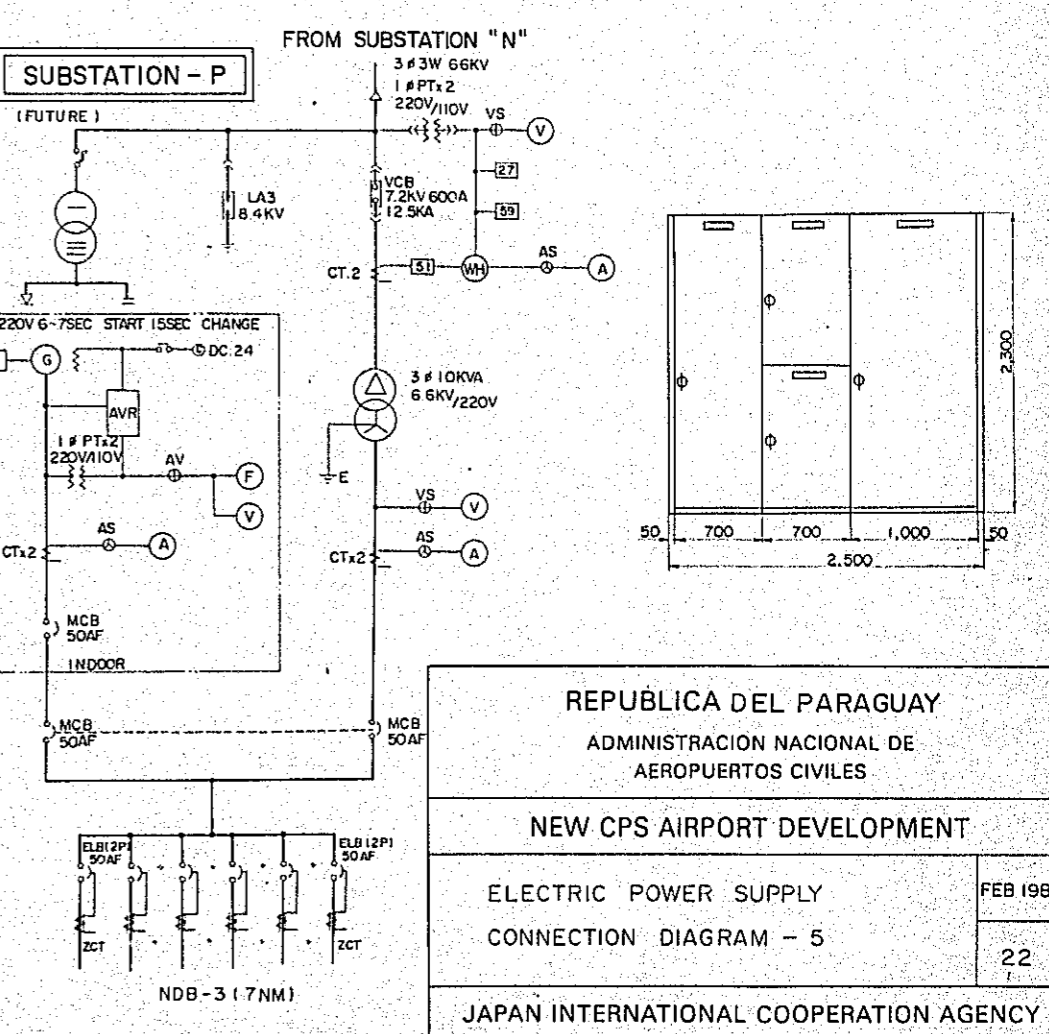
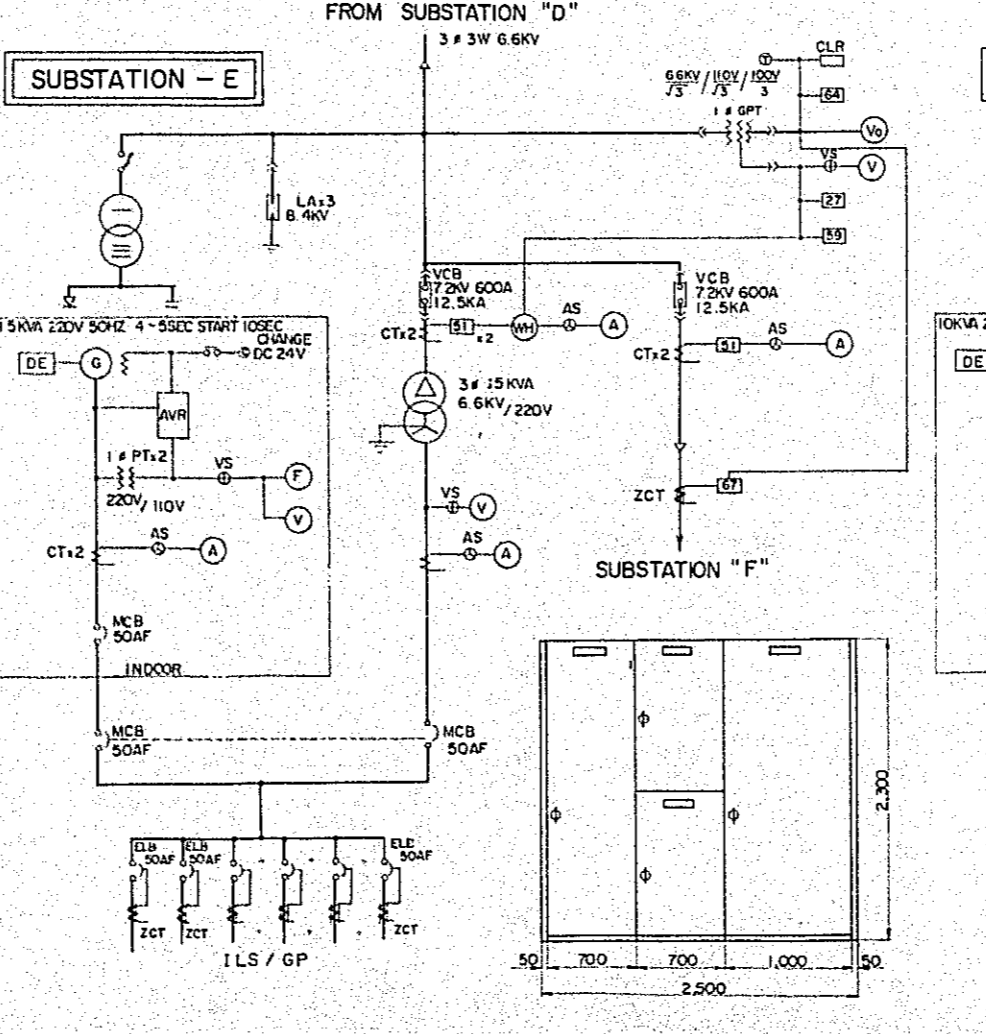
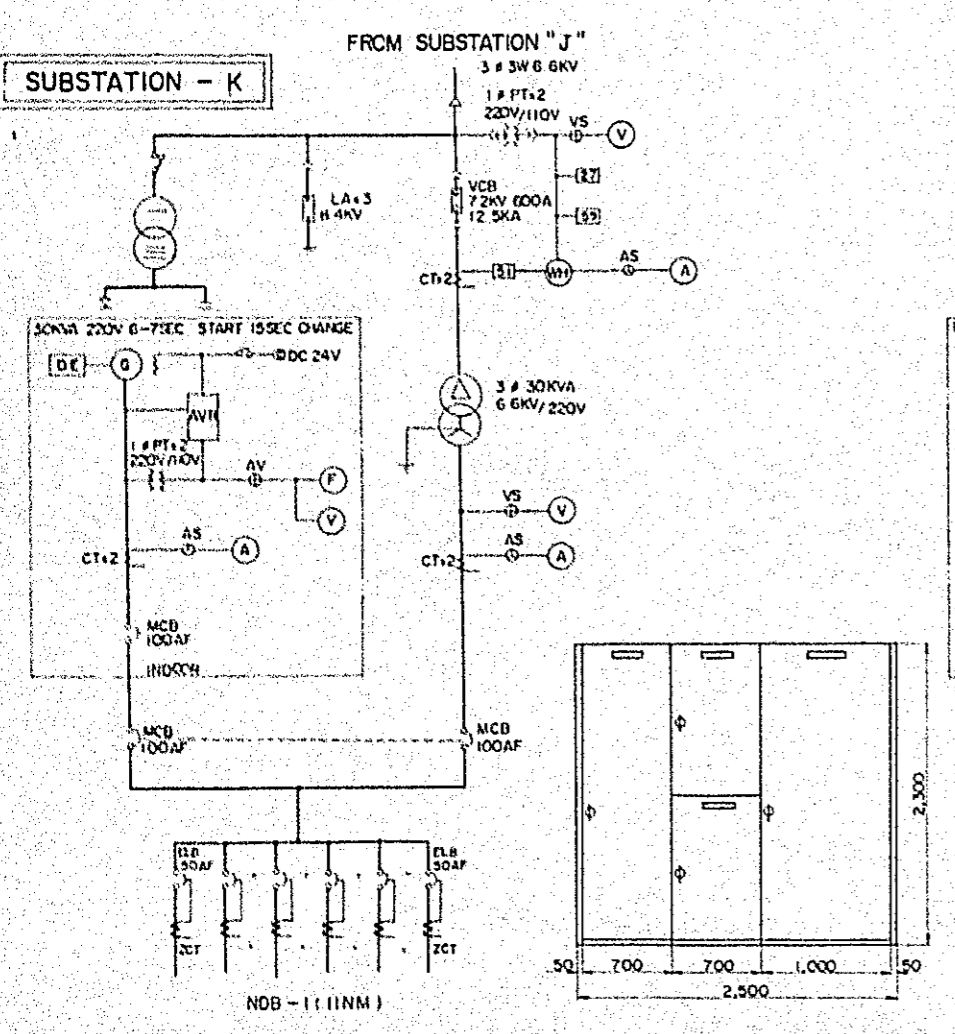
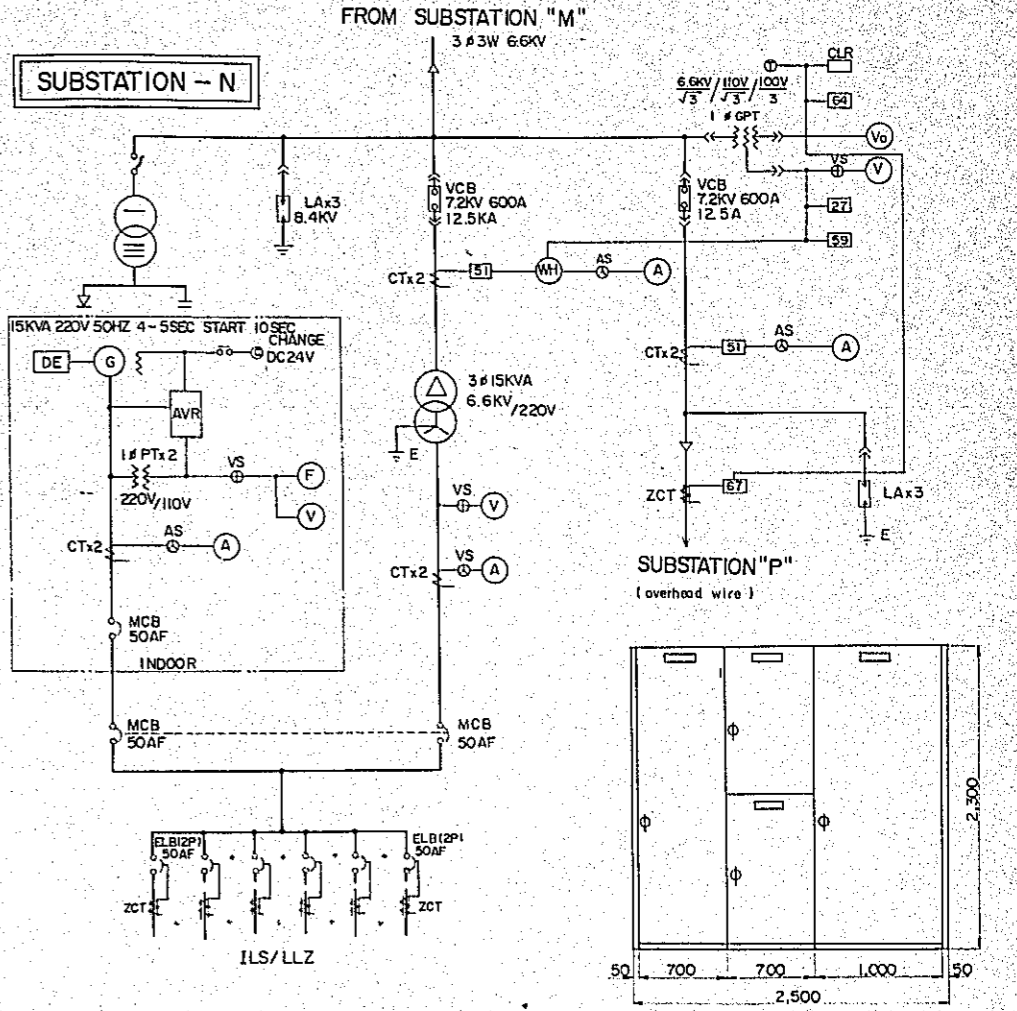
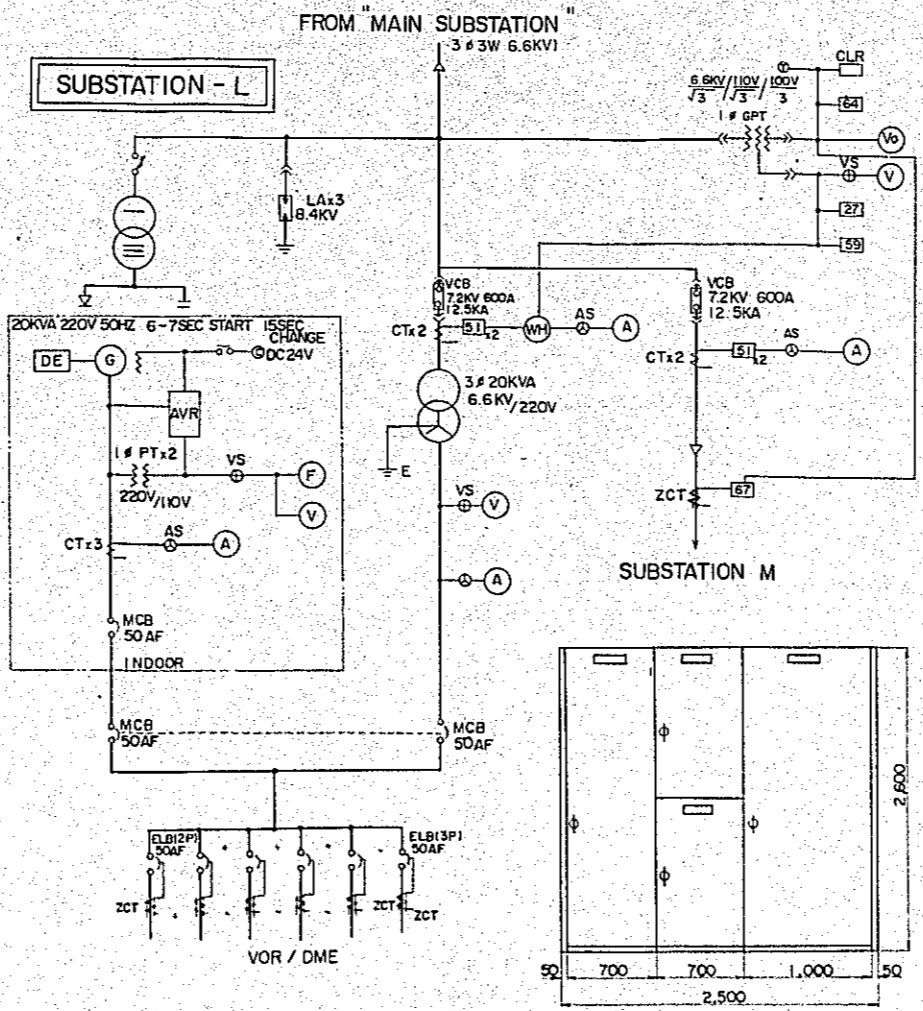
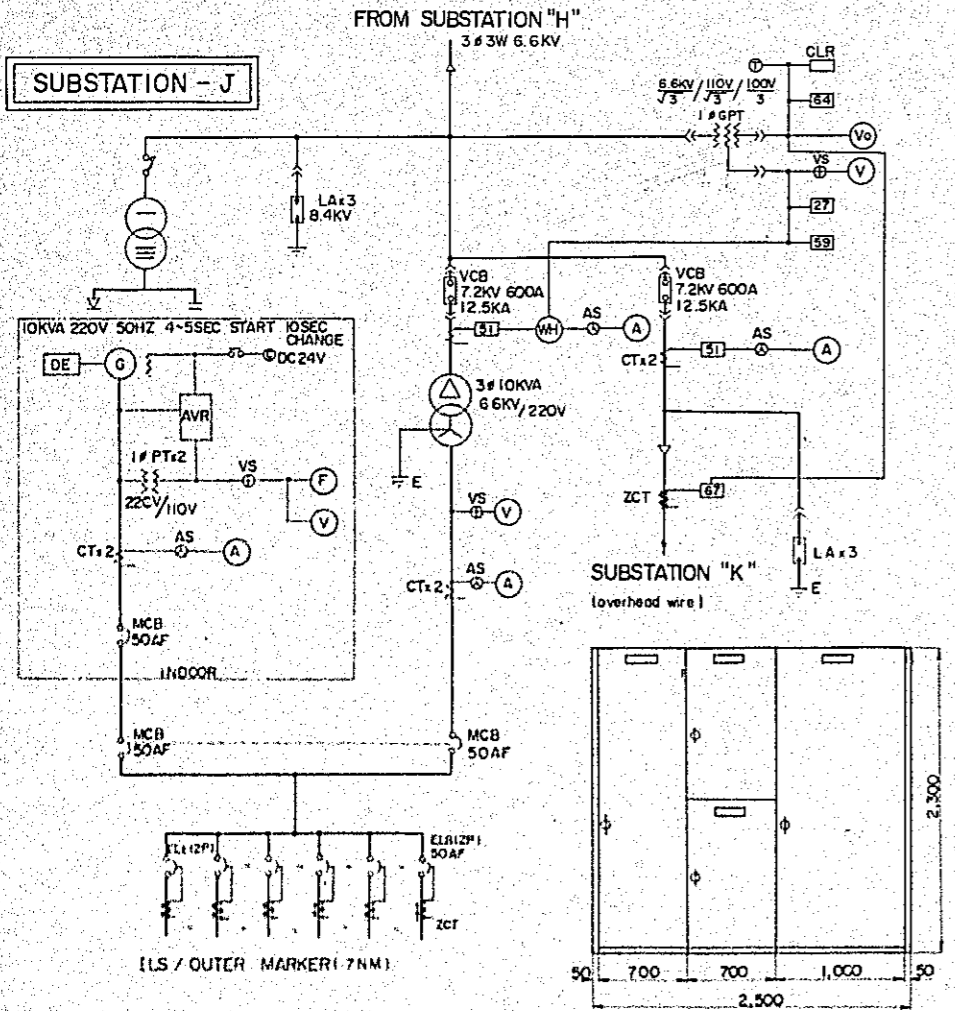
ELECTRIC POWER SUPPLY  
 CONNECTION DIAGRAM - 3

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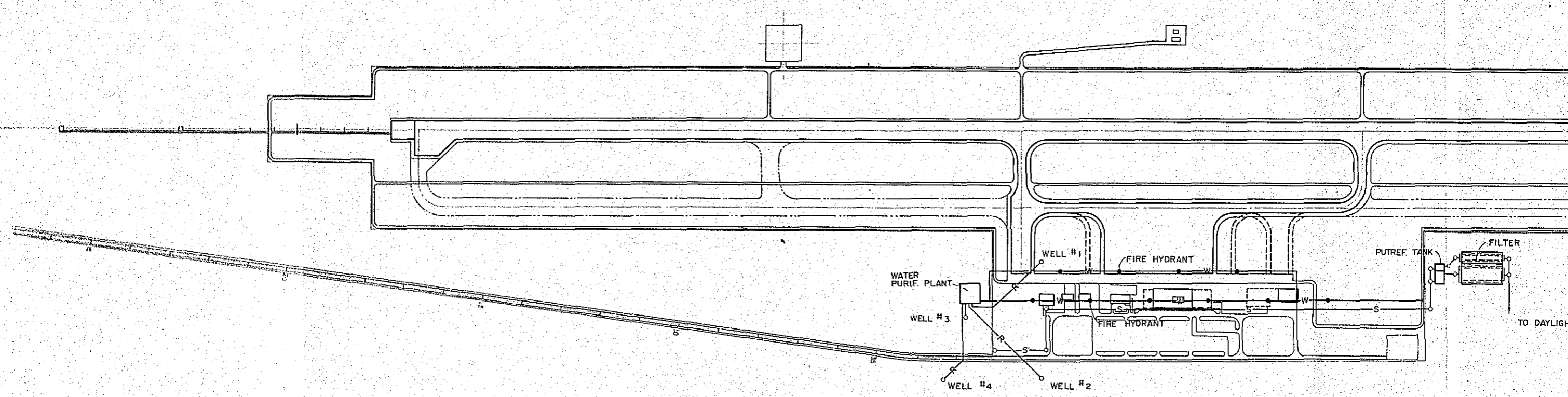
NEW CPS AIRPORT DEVELOPMENT

ELECTRIC POWER SUPPLY CONNECTION DIAGRAM - 5

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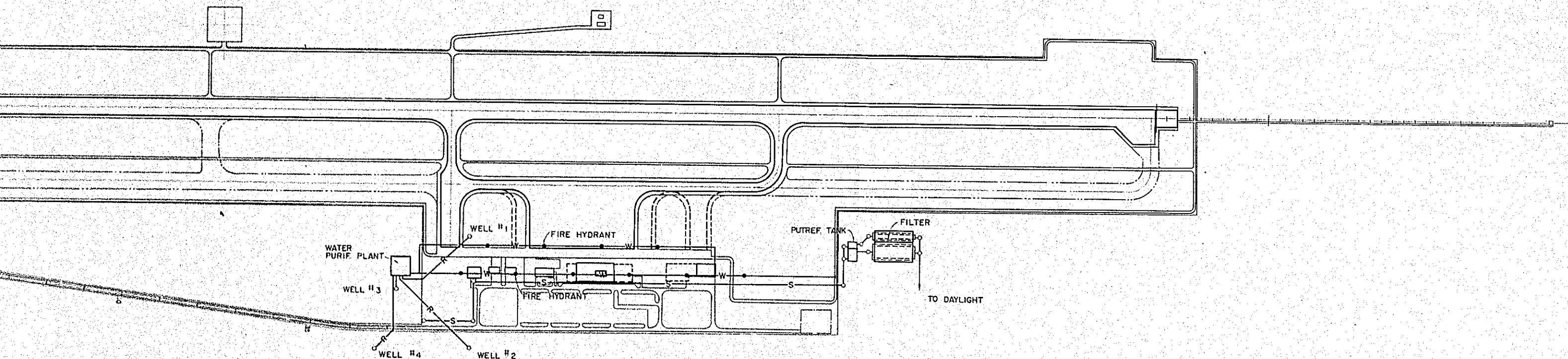


**LEGEND**

- W — COLD WATER
- R — RAW WATER
- S — SEWORAGE
- FIRE HYDRANT
- SEWORAGE MANHOLE

**STAGE I    STAGE II**

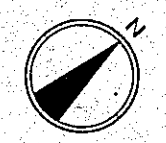
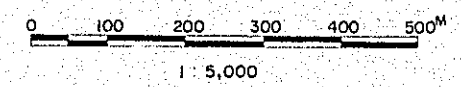
WELL	3 NOS	1 NOS
WATER PURE PLANT	2 SET	1 SET
PUTREF. TANK	8 NOS	4 NOS
FILTER	4800m <sup>2</sup>	2700m <sup>2</sup>



STAGE I    STAGE II

WELL	3 NOS	1 NOS
WATER PURIF. PLANT	2 SET	1 SET
PUTREF. TANK	8 NOS	4 NOS
FILTER	4800m <sup>2</sup>	2700m <sup>2</sup>

GRAPHIC SCALE



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