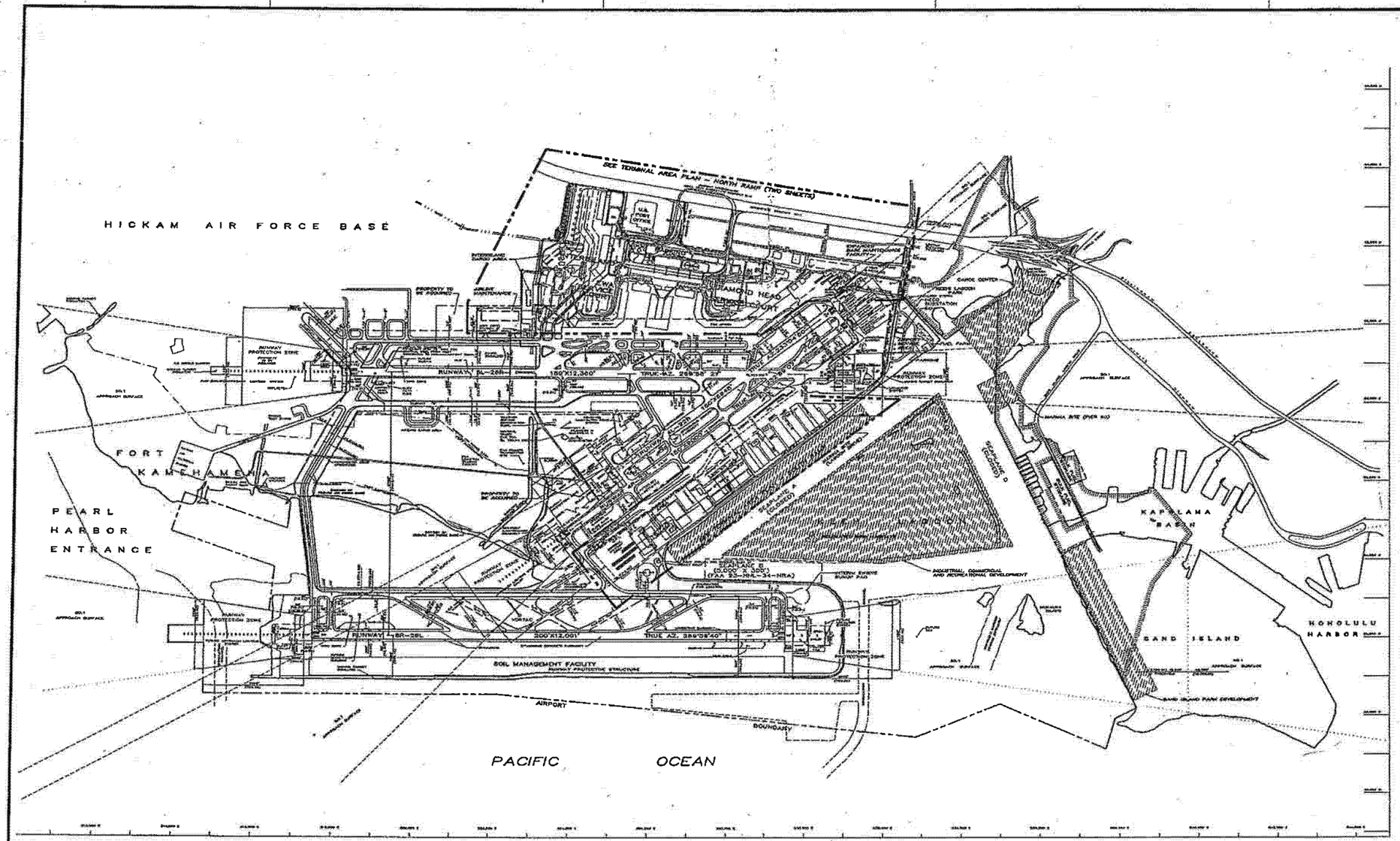
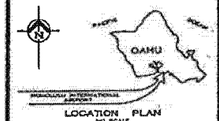
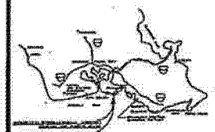


Airports Division

KEY PLAN / NOTES :



LOCATION PLAN
NO SCALE



VICINITY MAP

CONDITIONALLY APPROVED
SUBJECT TO COMMENTS OF LETTER
DATED March 6, 1985
Howard S. Yamada
Airports Engineer Director
FAA, Western-Pacific Region

NO.	DATE	REVISIONS

FAA APPROVED:
REFER TO LETTER DATED

Director, Department of Transportation, State of Hawaii — Date 2/20/85

PROJECT TITLE :

HONOLULU INTERNATIONAL AIRPORT
HONOLULU, HAWAII

AIRPORT LAYOUT PLAN

SHEET TITLE :

AIRFIELD PLAN

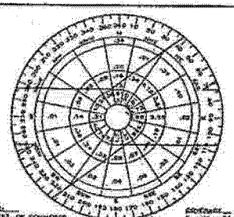
DATE :
AUGUST 31, 1984

DWG. NO. :

SHEET 1 OF 5 SHEETS

AIRFIELD PLAN 1 OF 5 SHEETS

WIND ROSE



SOURCE: U.S. DEPT. OF COMMERCE WEATHER BUREAU
TOTAL OBSERVATIONS 43,802
CONDITIONS: CALM = 5.5% MEAN SPEED = 10.2 MPH SUBMITTED 88.24%

0 10 20 30 MPH
GRAPHIC SCALE

LEGEND

	EXISTING	ULTIMATE
AIRPORT BOUNDARY		
BUILDING RESTRICTION LINE (BRL)	BRL	BRL
BUILDINGS (MISC. NO.)	123	
BUILDINGS TO BE REMOVED OR RELOCATED		
FACILITIES		
APPROACH SURFACE		
SECURITY FENCE		
BLAST PAD	BP	BP
EASEMENTS		
RUNWAY LIGHTS		
CLEAR ZONE		
DRAINAGE DITCH		
EXTENDED RUNWAY SAFETY AREA	ERSA	
KEEHI LAGOON DEVELOPMENT		

AIRPORT DATA

	EXISTING	ULTIMATE
AIRPORT REFERENCE POINT	21°19'20"N	SAME
(APR) COORDINATES (1978)	157°55'27"W	SAME
NORMAL MAX. TEMP. (HOTTEST MONTH)	85°	SAME
AIRPORT ELEVATION	13'	SAME
AIRPORT & TERM. NAV. AIDS	VOR/TAC. ILS	SAME
SEAPLANE RUNWAY 8-26: LENGTH		3,000'
WIDTH		500'
DEPTH		9' TO 30'

RUNWAY DATA

RUNWAY IDENTIFICATION	EXISTING 8L-26R	ULTIMATE 8L-26R	EXISTING 8R-26L	ULTIMATE 8R-26L	EXISTING 4L-22R	ULTIMATE 4L-22R	EXISTING 4R-22L	ULTIMATE 4R-22L
APPROACH SURFACES	50:1 20:1	SAME	50:1 20:1	SAME	34:1 20:1	SAME	50:1 20:1	SAME
APPROACH LIGHTING AIDS	MALSR REIL	MALSR REIL	MALSR REIL	SAME	REIL	SAME	MALSR REIL	SAME
EXTENDED SAFETY AREA	YES YES	SAME	YES YES	SAME	YES YES	SAME	YES YES	SAME
NAVIGATIONAL AIDS	ILS NONE	SAME	NONE LDA	SAME	NONE	SAME	ILS NONE	SAME
EFFECTIVE GRADIENT (%)	0.037	SAME	0.00	SAME	0.028	SAME	0.005	SAME
X-WIND COVERAGE	96.04	SAME	96.04	SAME	98.17	SAME	98.17	SAME
INSTRUMENT RUNWAY	YES	YES	YES	NO	NO	YES	YES	
RUNWAY LIGHTING	HIRL	SAME	HIRL	SAME	MIRL	SAME	HIRL	SAME
RUNWAY MARKING	PIR	SAME	PIR	SAME	NPI	SAME	PIR	SAME
PAVEMENT STRENGTH (lbs.) (DW)	700,000	SAME	780,000	SAME	550,000	SAME	550,000	SAME
(DT)	400,000	SAME	350,000	SAME	400,000	SAME	400,000	SAME
(S)	200,000	SAME	170,000	SAME	200,000	SAME	200,000	SAME
(D)	100,000	SAME	90,000	SAME	100,000	SAME	100,000	SAME
GEOGRAPHIC COORDINATES OF RUNWAY ENDPOINTS: LATITUDE	21°19'23.23" 21°18'48.83"	SAME	21°19'40.83" 21°19'06.43"	SAME	21°19'34.77" 21°19'00.37"	SAME	21°19'11.73" 21°18'37.33"	SAME
LONGITUDE	157°56'24.91" 157°54'29.91"	SAME	157°56'18.81" 157°54'23.81"	SAME	157°56'37.69" 157°54'42.69"	SAME	157°55'57.21" 157°54'02.21"	SAME

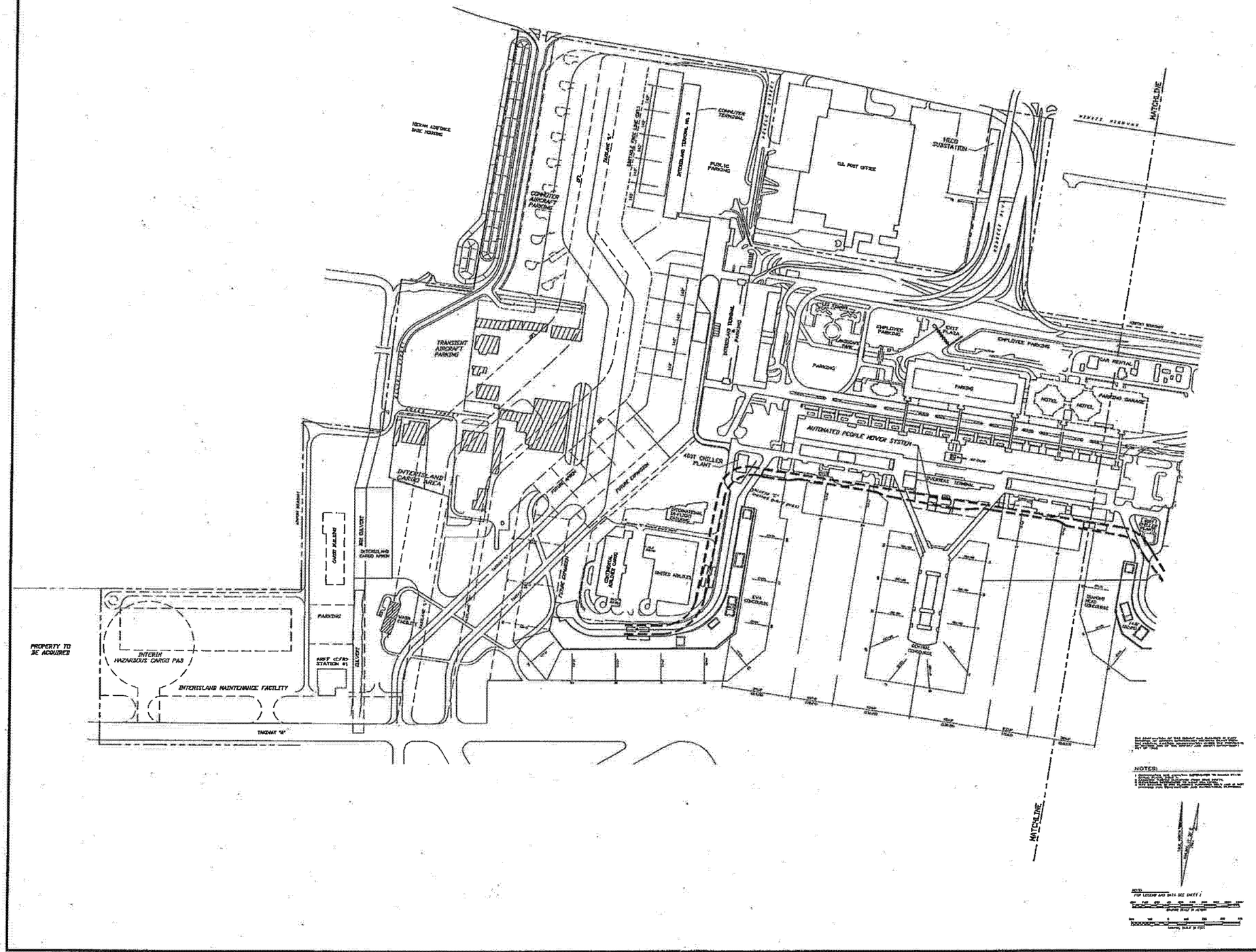
NOTES:

TRUE NORTH

GRAPHIC SCALE IN METERS

GRAPHIC SCALE IN FEET

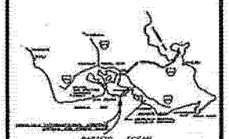
AR00025164



Airports Division

KEY PLAN / NOTES :

LOCATION PLAN
NO SCALE



VICINITY MAP
GRAPHIC SCALE

NO.	DATE	REVISIONS

FAA APPROVAL
REFER TO LETTER DATED

DIRECTOR DEPARTMENT OF TRANSPORTATION DATE
STATE OF HAWAII

PROJECT TITLE :

HONOLULU INTERNATIONAL AIRPORT
HONOLULU, HAWAII
AIRPORT LAYOUT PLAN

SHEET TITLE :

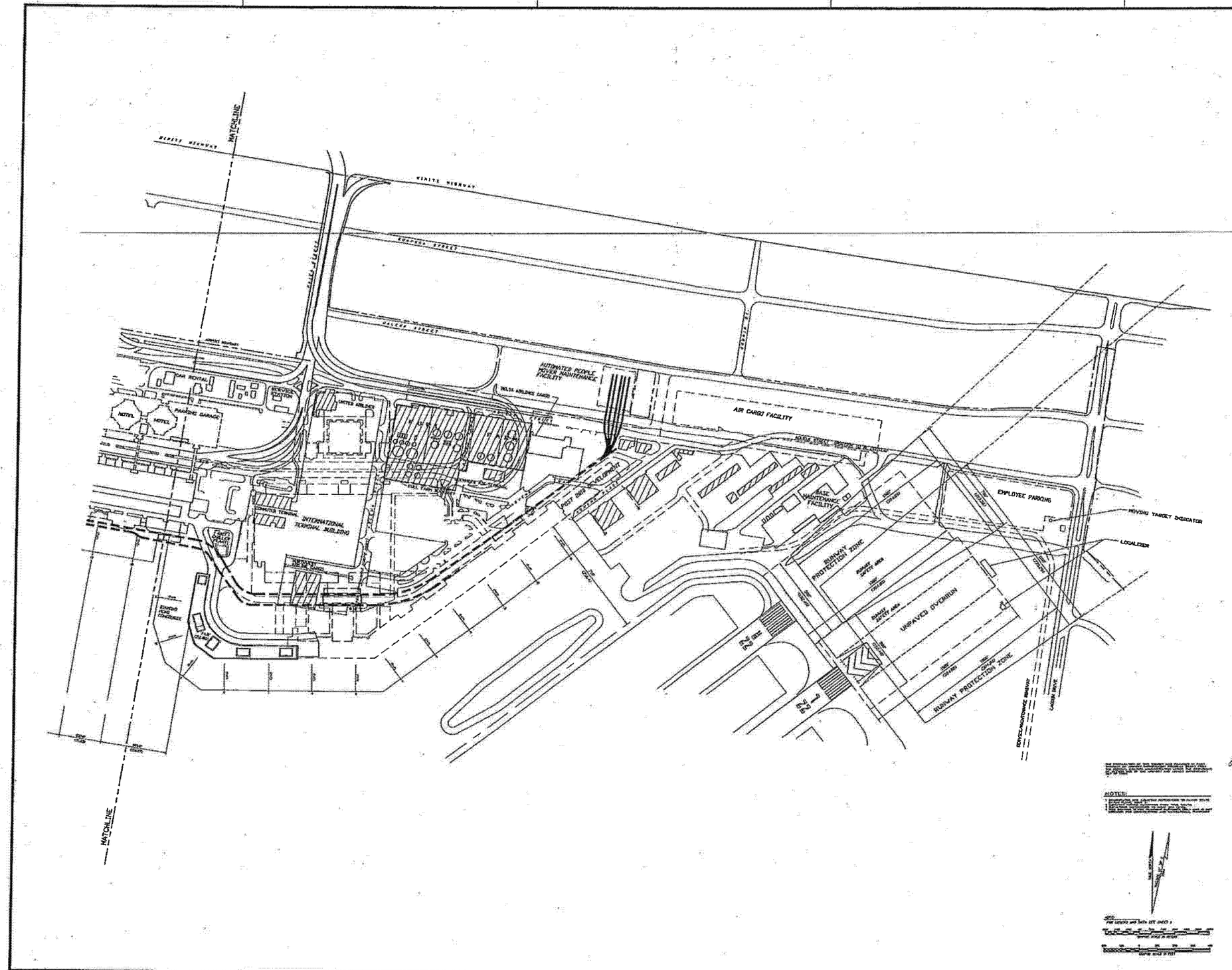
TERMINAL AREA PARTIAL NORTH RAMP PLAN

DATE :
AUGUST 31, 1994

DWG. NO. :

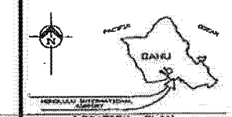
SHEET 2 OF 5 SHEETS

AR00025165

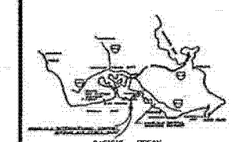


Airports Division

KEY PLAN / NOTES :



LOCATION PLAN
NO SCALE



VICINITY MAP
GRAPHIC SCALE

NO.	DATE	REVISIONS

FAA APPROVED:
REFER TO LETTER DATED

for [signature] 2/16/95
DIRECTOR, DEPARTMENT OF TRANSPORTATION, DATE
STATE OF HAWAII

PROJECT TITLE :

HONOLULU INTERNATIONAL AIRPORT
HONOLULU, HAWAII

AIRPORT LAYOUT PLAN

SHEET TITLE :

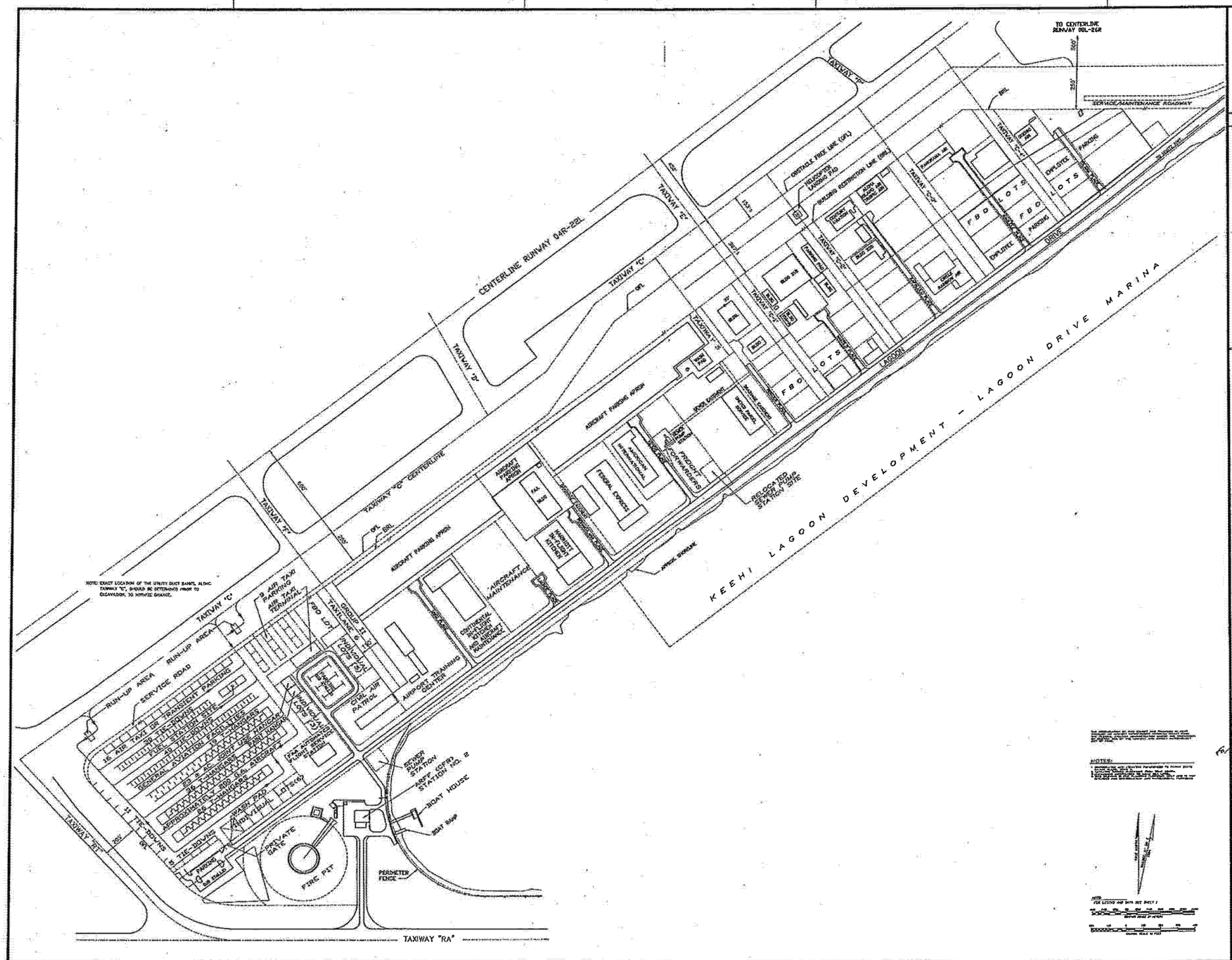
TERMINAL AREA PARTIAL NORTH RAMP PLAN

DATE :
AUGUST 31, 1994
DWG. NO. :

SHEET 3 OF 5 SHEETS

TERMINAL PLAN – NORTH RAMP 3 OF 5 SHEETS

AR00025166



Airports Division

KEY PLAN / NOTES :

LOCATION PLAN
NO SCALE

VICINITY MAP

NO.	DATE	REVISIONS

FAA APPROVED:
REFER TO LETTER DATED

2/6/95
DIRECTOR, DEPARTMENT OF TRANSPORTATION STATE OF HAWAII — DATE

PROJECT TITLE :

HONOLULU INTERNATIONAL AIRPORT
HONOLULU, HAWAII

AIRPORT LAYOUT PLAN

SHEET TITLE :

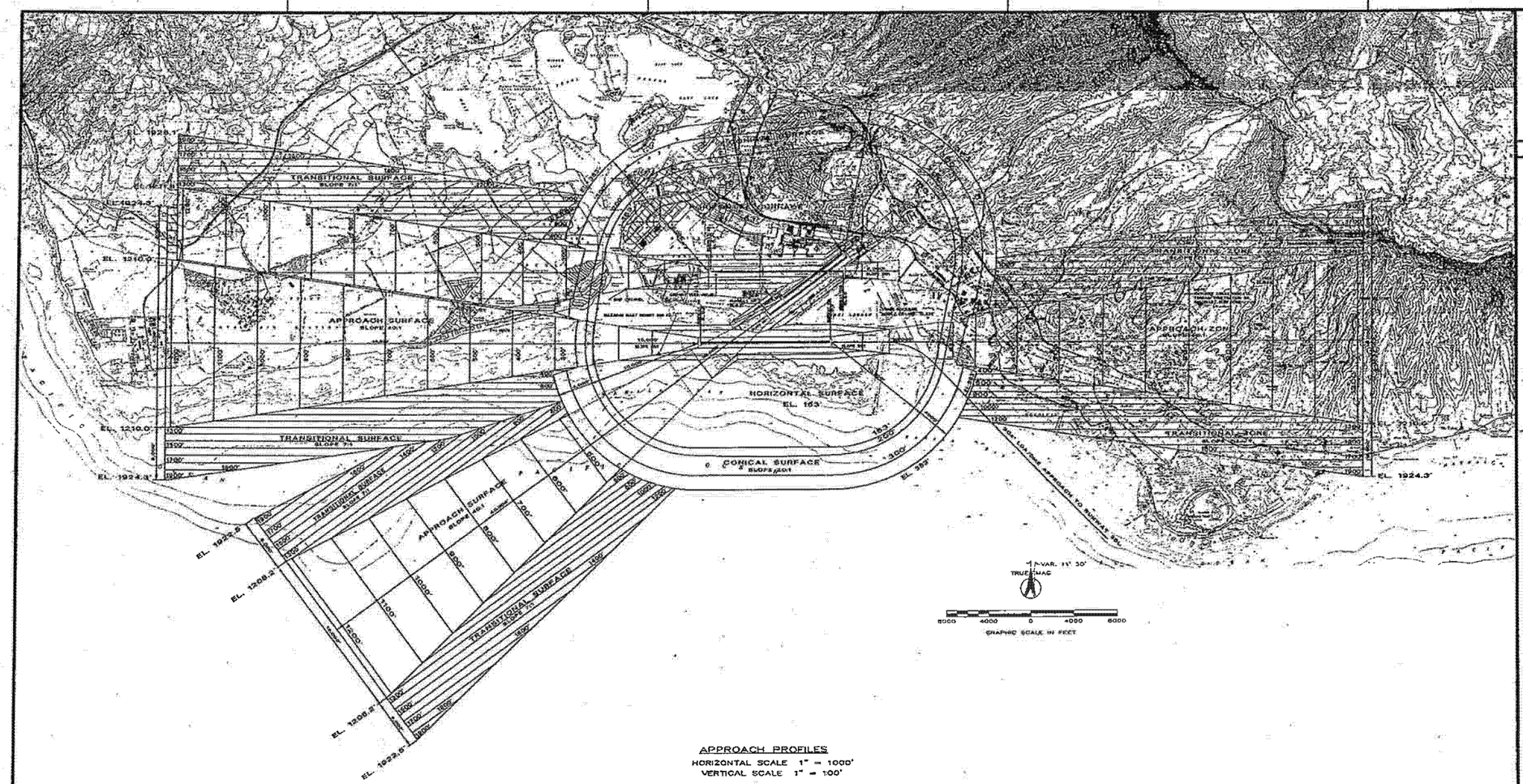
TERMINAL AREA PLAN
SOUTH RAMP

DATE :
AUGUST 31, 1994

DWG. NO. :

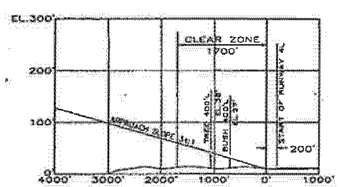
SHEET 4 OF 5 SHEETS

AR00025167

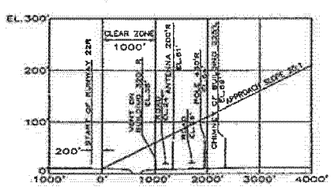


APPROACH PROFILES

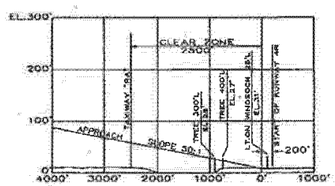
HORIZONTAL SCALE 1" = 1000'
VERTICAL SCALE 1" = 100'



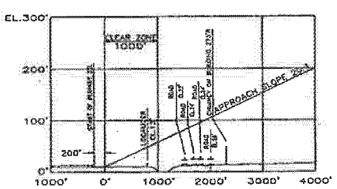
APPROACH TO RUNWAY 4L



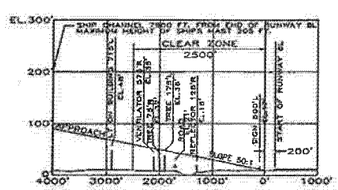
APPROACH TO RUNWAY 22R



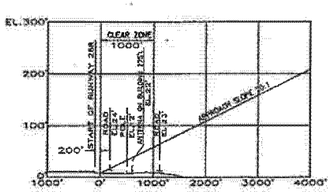
APPROACH TO RUNWAY 4R



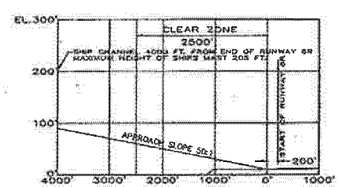
APPROACH TO RUNWAY 22L



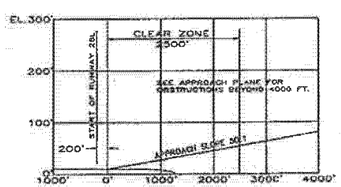
APPROACH TO RUNWAY 8L



APPROACH TO RUNWAY 26R



APPROACH TO RUNWAY 8R

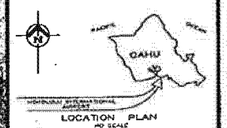


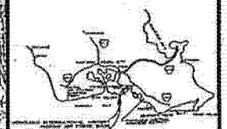
APPROACH TO RUNWAY 26L

NOTES:

Airports Division

KEY PLAN / NOTES :





VICINITY MAP

NO.	DATE	REVISIONS
		FAA APPROVED: SUBJECT TO LETTER DATED

DIRECTOR, DEPARTMENT OF TRANSPORTATION, STATE OF HAWAII — DATE 7/6/95

PROJECT TITLE :

HONOLULU INTERNATIONAL AIRPORT
HONOLULU, HAWAII

AIRPORT LAYOUT PLAN

SHEET TITLE :

AIRSPACE PLAN

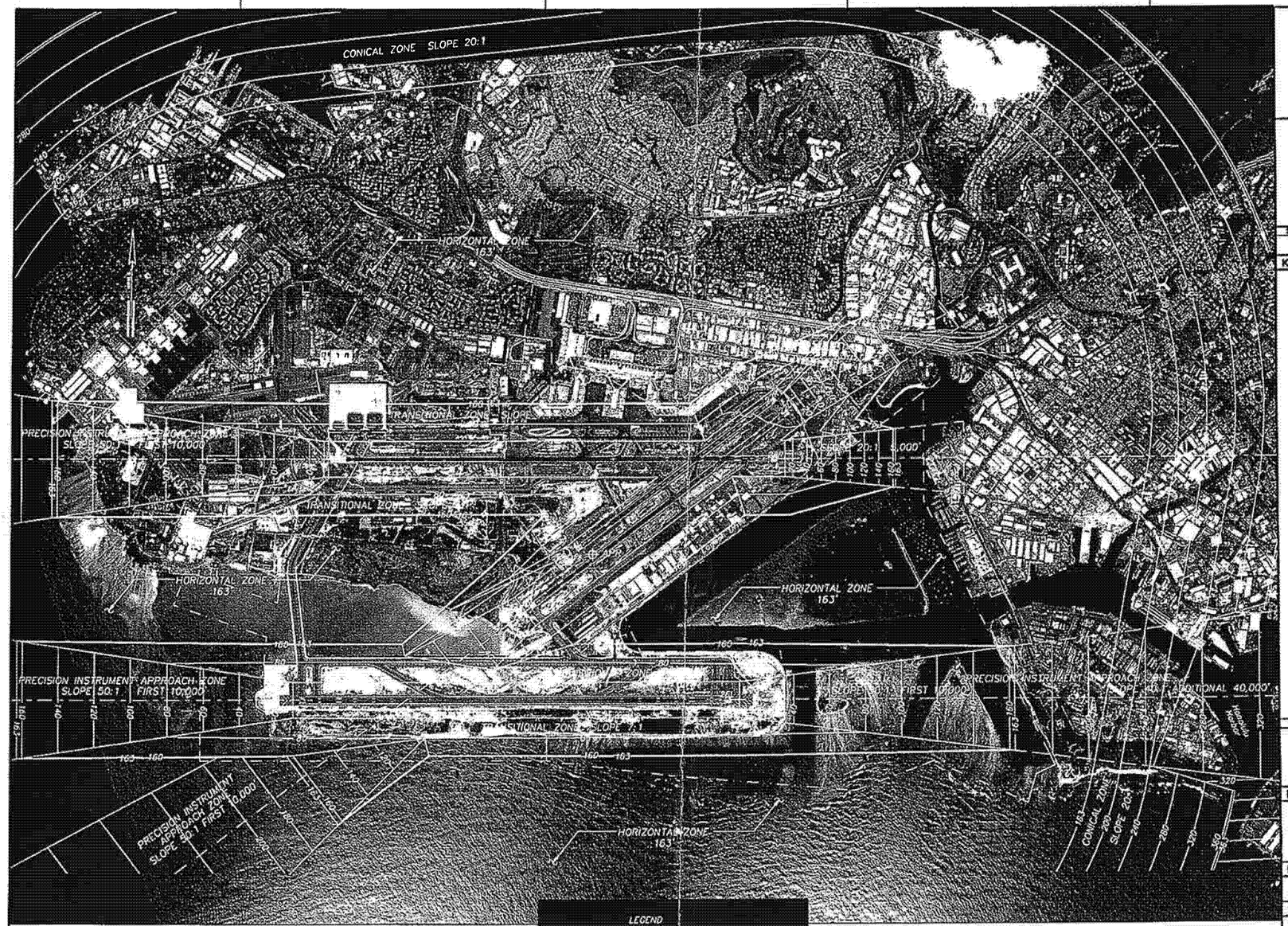
DATE :
AUGUST 31, 1990

DWG. NO. :

SHEET 5 OF 5 SHEETS

AIRSPACE PLAN 5 OF 5 SHEETS

AR00025168



NOTE: DATE OF PHOTOGRAPH: 1 JANUARY 1998
ESTABLISHED AIRPORT ELEVATION 13' M.S.L.

Airports Division

DSGN.	DRWN.	CHKD.	APPD.

KEY PLAN / NOTES :

NO.	DATE	REVISIONS

PROJECT TITLE :

PROJECT NO. :

SHEET TITLE :
HONOLULU INTERNATIONAL AIRPORT
HONOLULU, OAHU, HAWAII

AIRPORT ZONING MAP
PHOTOGRAPHIC MAP

DATE : 8-28-98
DWG. NO. :
SHEET 2 OF 2 SHEETS

AR00025169