

VICINITY MAP
 SEC 30 & 31, T 22N, R 75 W,
 & SEC 25 & 36, T 22 N, R 76 W
 USGS MARSHALL (D-3)
 SCALE: 1" = 1 MILE

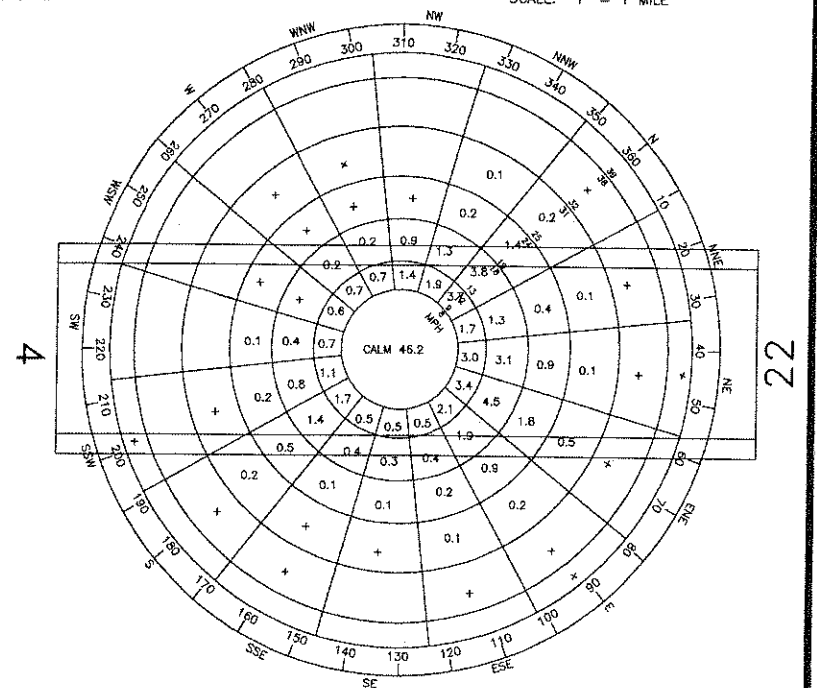
RUNWAY DATA		
	RUNWAY 4-22	
	PROPOSED	ULTIMATE
% WIND COVERAGE	94.8%	SAME
INSTRUMENT RUNWAY	NONE	SAME
RUNWAY SURFACE TYPE	GRAVEL	SAME
PAVEMENT STRENGTH	N/A	SAME
APPROACH VISIBILITY MINIMUM	≥1 MILE	≥3/4 MILE
APPROACH SURFACES	34:1	34:1
RUNWAY LIGHTING	MIRL	HIRL
RUNWAY MARKING	NONE	SAME
VISUAL APPROACH AIDS	PAPI	RELS, MALSR
R/W DIMENSIONS	75' x 4000'	75' x 4400'
R/W SAFETY AREA	150' x 4800'	150' x 5000'
R/W OBJECT FREE AREA (ROFA)	500' x 4800'	150' x 5000'
R/W OBSTACLE FREE ZONE (ROFZ)	400' x 4400'	400' x 4800'
T/W WIDTH	50'	SAME
T/W SAFETY AREA WIDTH	120'	SAME
T/W OFA WIDTH	186'	SAME

NONSTANDARD CONDITIONS			
ITEM	STANDARD	PROPOSED	PENETRATION
LIGHTED WIND CONE	PART 77	250' OFFSET	+18' PRIMARY
WIND CONE/SEG. CIRCLE	PART 77	300' OFFSET	+18' PRIMARY

- NOTES:
- THIS MAP WAS COMPILED UTILIZING PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY FLOWN ON 9-11-98 AT A NOMINAL PHOTO SCALE OF 1" = 1000'.
 - THE PHOTOGRAPHY WAS CONTROLLED BY THE STATE OF ALASKA DEPARTMENT OF TRANSPORTATION.
 - THE BASIS OF HORIZONTAL CONTROL IS THE "CORS" STATIONS AT COLD BAY, KENAI, KODIAK, AND TALKEETNA. HORIZONTAL CONTROL IS BASED ON NAD83 COORDINATES OF THESE STATIONS. VERTICAL CONTROL IS BASED ON THE NAVD 88 VERTICAL LISTED FOR THESE STATIONS.
 - THE CONTOURS WERE GENERATED FROM "EAGLE POINT" TERRAIN MODELING SOFTWARE (CIVIL/SURVEY, SURFACE MODELING) FROM DATA DIGITIZED BY KODIAK MAPPING, INC. (907)486-1930.
 - NO OFZ OBJECT PENETRATIONS.
 - NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
 - DIMENSIONS ARE SHOWN IN ENGLISH FEET.
 - TAXIWAY DIMENSIONS ARE BASED ON DESIGN GROUP III.
 - DATA BASE CONTROL YEAR NAD 83.

AIRPORT DATA		
	R/W 4-22	
	PROPOSED	ULTIMATE
AIRPORT ELEVATION (MSL)	463.1'	SAME
AIRPORT REFERENCE CODE	B-II	SAME
MEAN HIGH TEMP. HOTTEST MONTH (JULY)	57°F	SAME
TAXIWAY LIGHTING	MIRL	SAME
RAMP LIGHTING	FLOODLIGHTS	SAME
NAVIGATION AIDS	BEACON	BEACON/GPS
COMMUNICATION AIDS	NONE	SAME
AIRPORT REFERENCE POINT (ARP)	LAT. N61°57'41.27"	SAME
	LONG. W162°56'32.57"	SAME
THRESHOLD 7 STA. 6+25	LAT.	
	LONG.	
THRESHOLD 25 STA. 140+00	LAT.	
	LONG.	
THRESHOLD 4 STA. 100+00	LAT. N61°57'30.65"	SAME
	LONG. W162°57'07.80"	SAME
THRESHOLD 22 STA. 140+00	LAT. N61°57'51.88"	SAME
	LONG. W162°55'57.33"	SAME

LEGEND		
	EXISTING	ULTIMATE
PROPERTY LINE	---	---
BUILDING RESTRICTION LINE (B.R.L.)	---	---
DEVELOPMENT		
WIND CONE & SEGEMENTED CIRCLE		
WIND CONE ONLY		
BUILDING		
ROADWAY		
FENCING		
AIRPORT REFERENCE POINT		
ROTATING BEACON		
ANTENNA/TOWER		
PAPI		



WIND ROSE
 WIND DATA
 PERCENT WIND COVERAGE
 RUNWAY 4-22
 12 MPH: 88.9%
 15 MPH: 94.8%

ENRI UNIVERSITY OF ALASKA, ANCHORAGE
 WIND DATA PERIOD: 8/05/95 TO 10/07/97

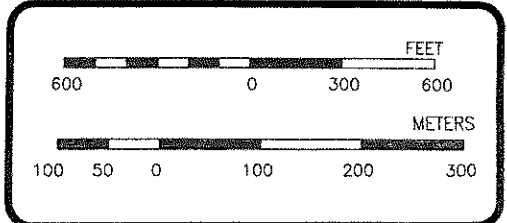
DESIGN: JJH		
DRAWN: CAT		
CHECKED: CML		
BY	DATE	REVISIONS

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION - DESIGN AND ENGINEERING SERVICES

APPROVED:
 PATRICIA D. MILLER, P.E. DATE 11/26/03
 DESIGN GROUP CHIEF

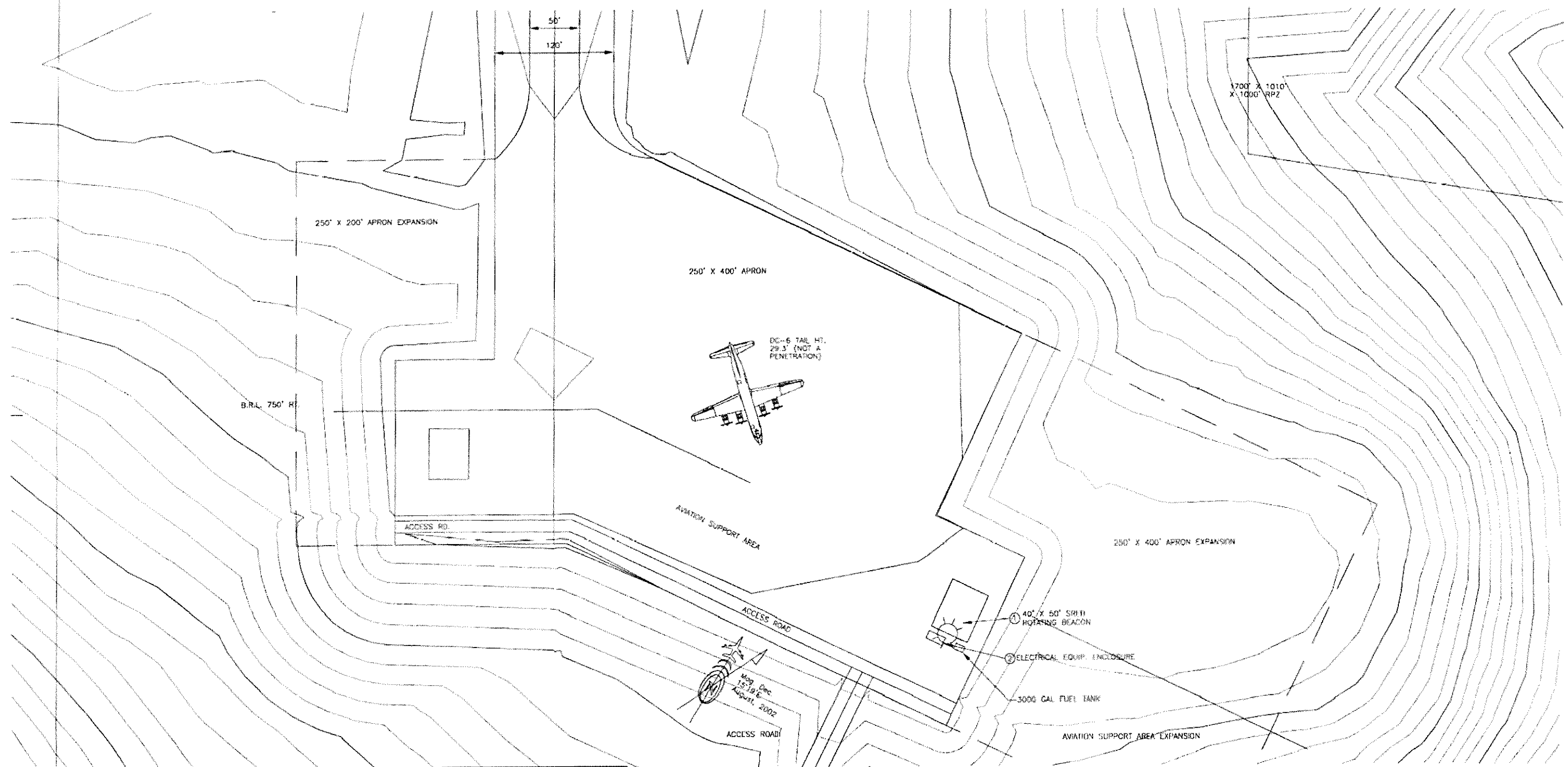
AIRPORT LAYOUT PLAN APPROVED
 BY LETTER DATED: 12/3/03

AIRPORTS DIVISION
 ALASKA REGION, AA-601
 AIRSPACE REVIEW #00AAL-168NRA



NEW PILOT STATION AIRPORT
 AIRPORT LAYOUT PLAN

SHEET
 1 OF 4



#	STRUCTURE NAME	TOP ELEV. (MSL)	OBSTRUCTION MARKING (Y/N)	REMARKS
1	SRRH & BEACON	505'	N N	NO OBSTRUCTION
2	ELEC. EQUIP. ENCL.	48.1'	N N	NO OBSTRUCTION

T/W WINGTIP CLEARANCE	34'
T/W SAFETY AREA WIDTH	120'
T/W CFA WIDTH	186'
TAXILANE OFA WIDTH	162'

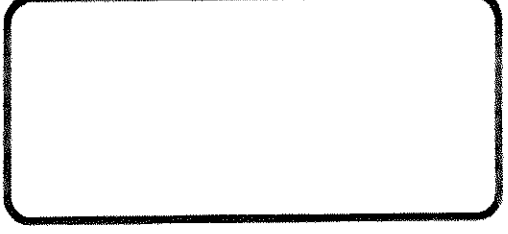
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DRAWN <u>CAT</u>	
CHECKED <u>CM</u>	
BY DATE	REVISIONS

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION - DESIGN AND ENGINEERING SERVICES

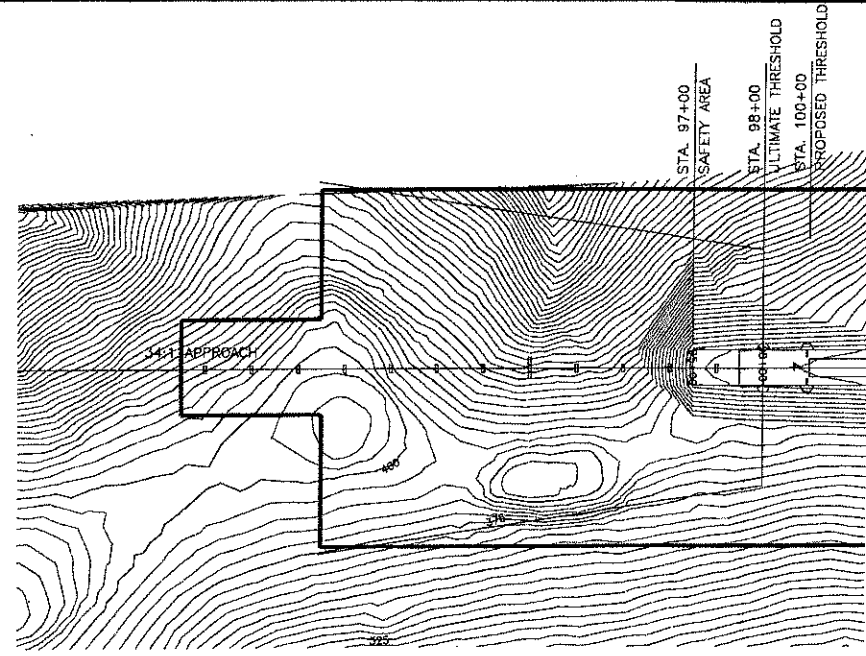
APPROVED Patricia D. Miller DATE 11/26/03
 PATRICIA D. MILLER, P.E. DESIGN GROUP CHIEF

AIRPORT LAYOUT PLAN APPROVED
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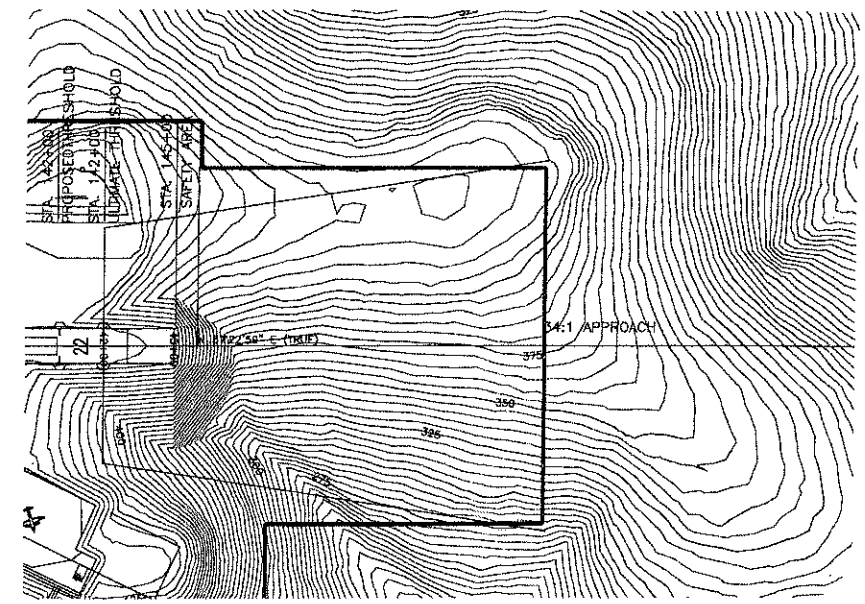
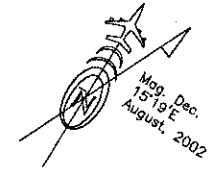
John T. Trust
 AIRPORTS DIVISION
 ALASKA REGION, AAL-601
 AIRSPACE REVIEW #00AAL-168NRA



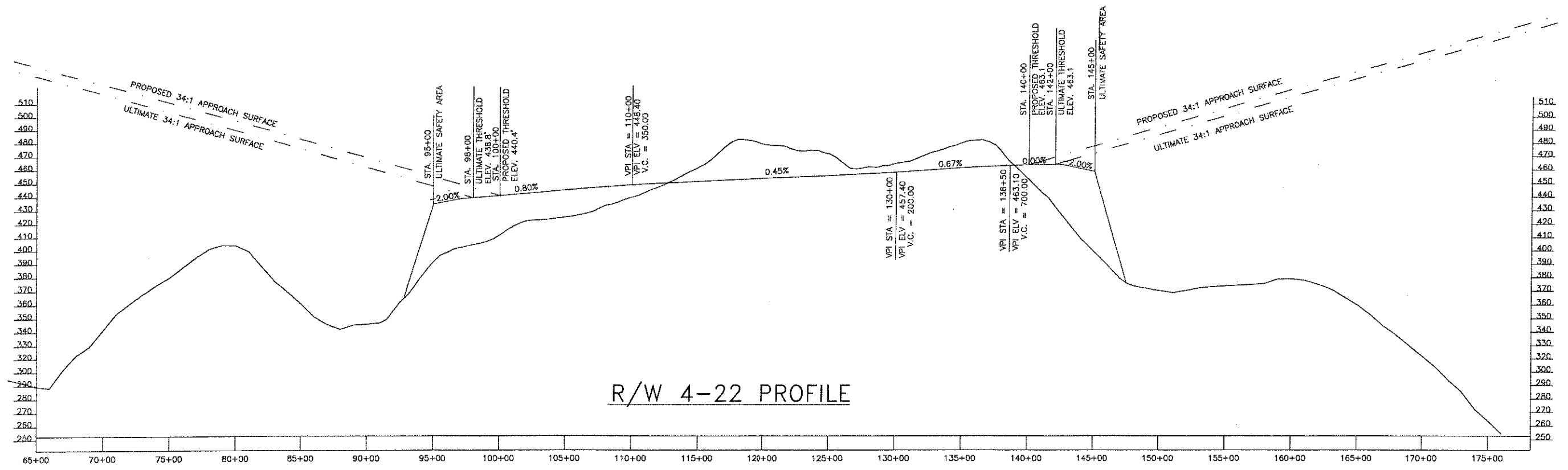
NEW PILOT STATION AIRPORT
 TERMINAL PLAN



R/W 4 INNER APPROACH PLAN



R/W 22 INNER APPROACH PLAN



R/W 4-22 PROFILE

DESIGN	JWH	
DRAWN	CAT	
CHECKED	CML	
BY	DATE	REVISIONS

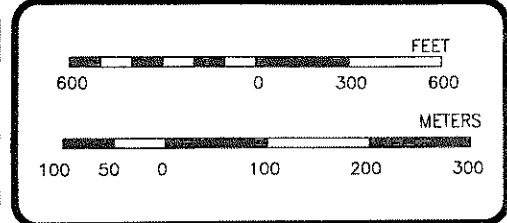
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION - DESIGN AND ENGINEERING SERVICES

APPROVED: *Patricia D. Miller* DATE 11/26/03
 /s/ PATRICIA D. MILLER, P.E. DESIGN GROUP CHIEF

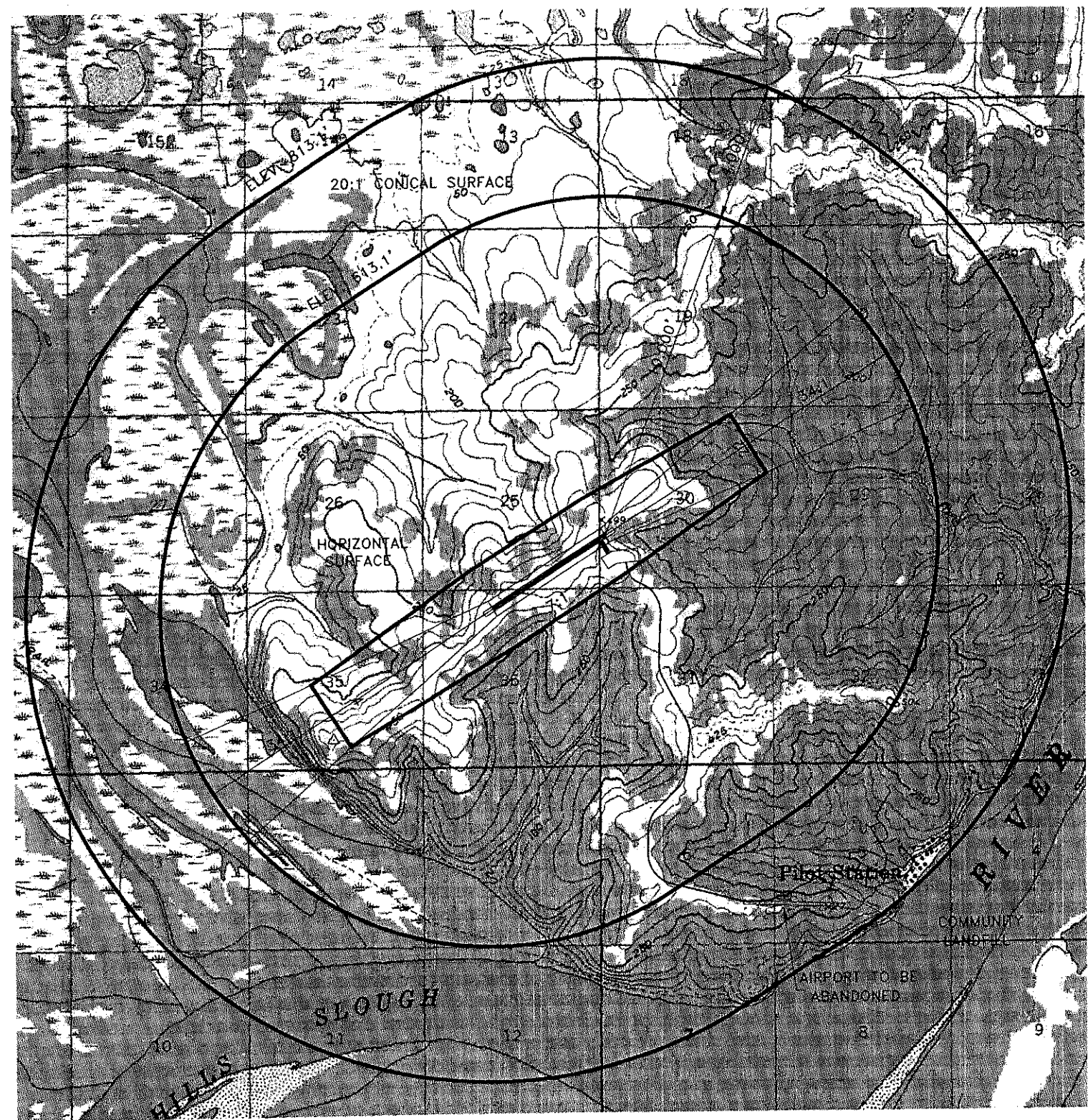
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Patricia D. Miller

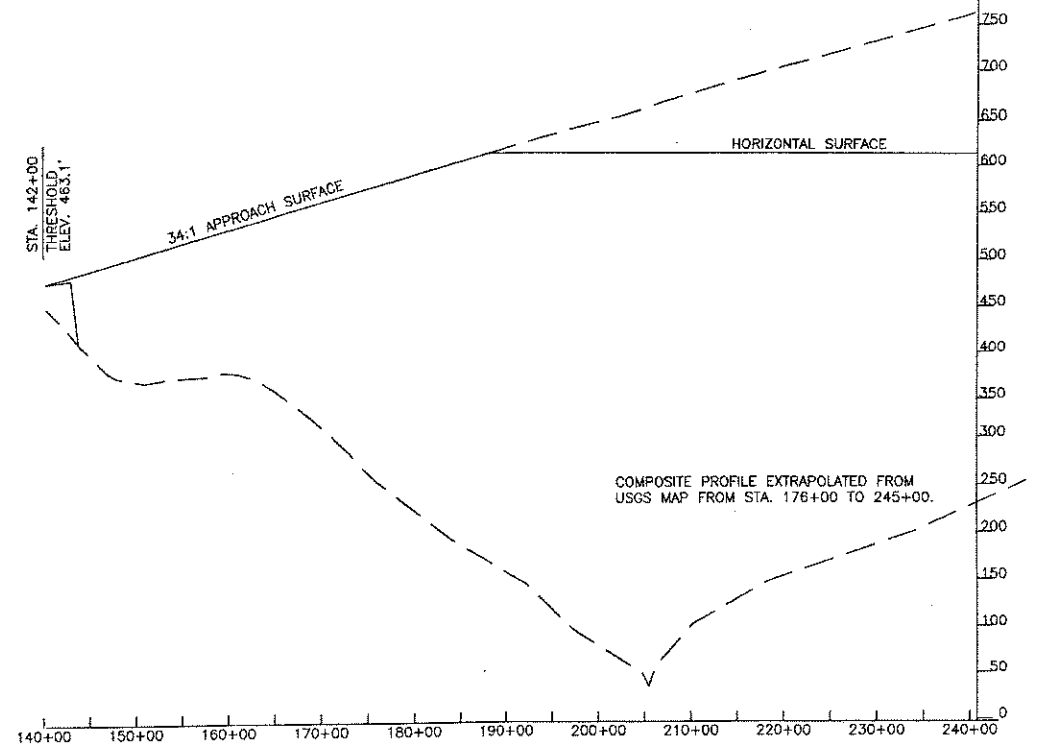
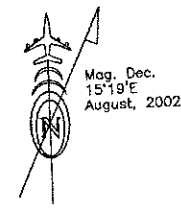
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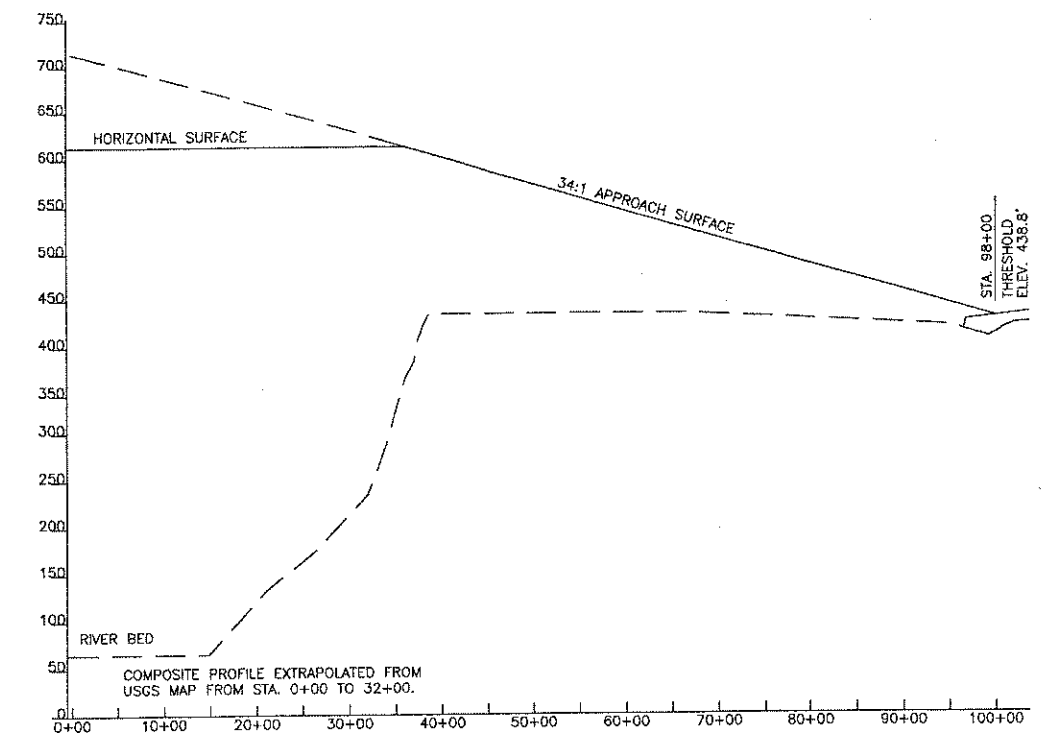
NEW PILOT STATION AIRPORT
 INNER PORTION OF APPROACHES
 PLAN AND PROFILES



AIRSPACE
 SEC 30 & 31, T 22 N, R 75 W,
 & SEC 25 & 36, T 22 N, R 76 W
 USGS MARSHALL (D-3)
 SCALE: 1" = 2000'



R/W 22 COMPOSITE APPROACH PROFILE



R/W 4 COMPOSITE APPROACH PROFILE

DESIGN <u>JJH</u>		
DRAWN <u>CAT</u>		
CHECKED <u>CML</u>		
BY	DATE	REVISIONS

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION - DESIGN AND ENGINEERING SERVICES

APPROVED: [Signature] DATE 7/1/20/03
 PATRICIA D. MILLER, P.E. DESIGN GROUP CHIEF

AIRPORT LAYOUT PLAN APPROVED
 BY LETTER DATED: 11/21/03
[Signature]
 AIRPORTS DIVISION
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 AIRSPACE REVIEW #00AAL-168NRA



NEW PILOT STATION AIRPORT
 AIRSPACE AND
 COMPOSITE APPROACH PROFILES