

ITEM	EXISTING	ULTIMATE	GRAVEL-ULTIMATE
RUNWAY TYPE UTILITY OR OTHER THAN UTILITY	OTHER THAN UTILITY	SAME	UTILITY
FAR PART 77 APPROACH CATEGORY (V, NPI, P)	NPI/NPI	SAME	V
APPROACH SURFACES	34:1/34:1	SAME	20:1/20:1
VISIBILITY MINIMUM	1 MILE/1 MILE	<3/4 MILE/>3/4 MILE	1 MILE/1 MILE
RUNWAY SURFACE	ASPHALT	SAME	GRAVEL
PAVEMENT STRENGTH SW,DW,DTW,DDTW x1000lbs	SW 16, DW 150	SAME	--
AIRCRAFT APPROACH CATEGORY	B	B	A
AIRPLANE DESIGN GROUP	III	II	I
TRUE BEARING	S87°36'16"E	SAME	S87°36'16"E
EFFECTIVE GRADE	0.948%	SAME	0.91%
TOUCHDOWN ZONE ELEVATION NAVD88	191.8' / 173.3'	SAME	157.0
RUNWAY DIMENSIONS	5,086.5' x 100'	SAME	1,800' x 60'
RUNWAY SAFETY AREA (RSA) DIMENSIONS	6,286' x 300'	SAME	2,280' x 120'
LENGTH BEYOND R/W END	600'	600'	240'
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	500'/700'/1,000'	1,000'/1,750'/2,500'	250'/450'/1000'
RUNWAY OBJECT FREE AREA (OFA) DIMENSIONS	5,686' x 500'	6,286' x 800'	2,280' x 250'
LENGTH BEYOND R/W END OR STOPWAY	300'/300'	600'/300'	240'
RUNWAY OBSTACLE FREE ZONE (OFZ) DIMENSIONS	5,486' x 400'	SAME	2,200' x 120'
RUNWAY LIGHTING	MI	SAME	MI
RUNWAY MARKING TYPE	NPI	NPI	--
RUNWAY VISUAL APPROACH AIDS	REIL PAPI/PAPI	MALS/ODALS	--

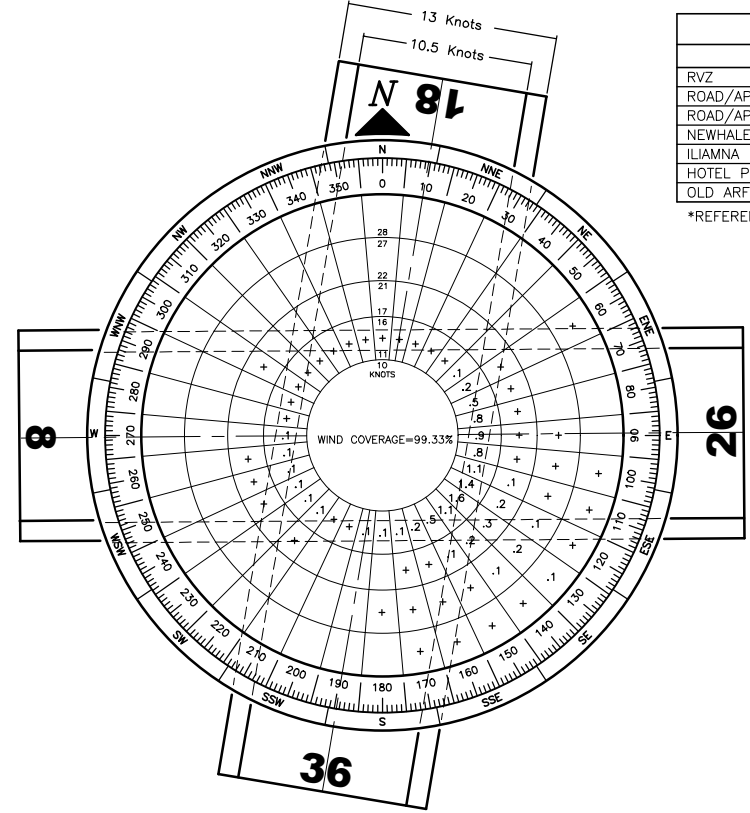
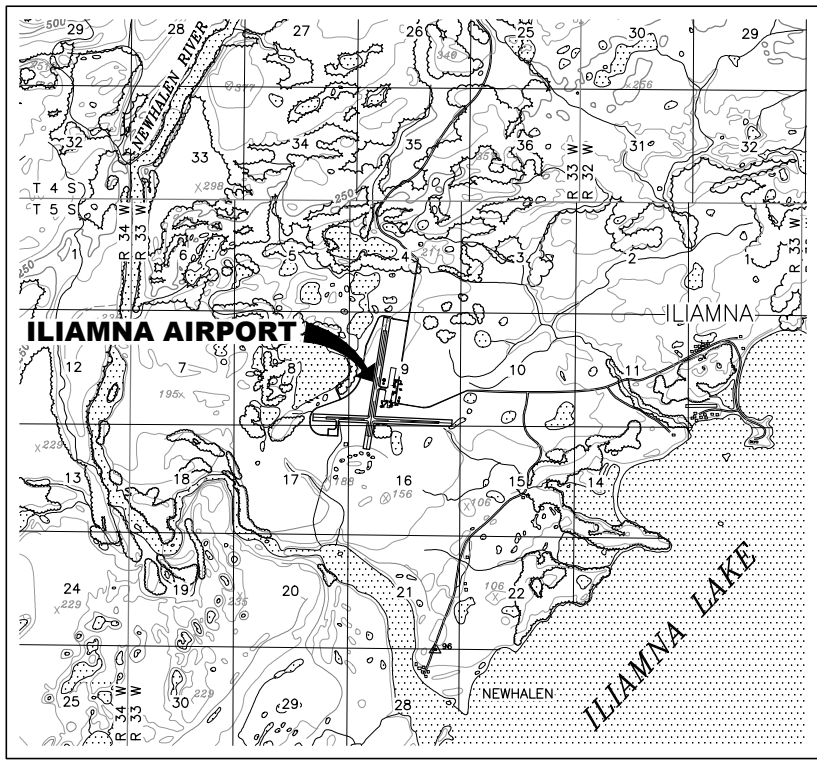
ITEM	EXISTING	ULTIMATE
ICAO IDENTIFIER	PAIL	SAME
NATIONAL AIRPORT IDENTIFIER	ILJ	SAME
FAA SITE NUMBER	50340.4A	SAME
AIRPORT ELEVATION NAVD88	191.8	SAME
AIRPORT REFERENCE CODE	B-III	B-II
MEAN MAX. TEMPERATURE, HOTTEST MONTH: JULY	62.7°F	SAME
AIRPORT AND TERMINAL NAVIGATION AIDS	NDB/DME	SAME
TAXIWAY LIGHTING/MARKING	MI/ YES	SAME
OBSTRUCTION SURVEY SOURCE & TYPE	C	D
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	17°40'E, 2006	17°09'E, 2008

ITEM	GRAVEL LATITUDE	EXISTING LONGITUDE	EXISTING LATITUDE	EXISTING LONGITUDE	ULTIMATE LATITUDE	ULTIMATE LONGITUDE
ARP	SAME	SAME	N59°45'20.09"	W154°55'03.93"	SAME	SAME
THRESHOLD RW 8	N59°44'58.72"	W154°54'34.05"	N59°45'06.788"	W154°55'26.628"	SAME	SAME
THRESHOLD RW 26	N59°44'57.73"	W154°53'58.97"	N59°45'04.694"	W154°53'47.434"	SAME	SAME
THRESHOLD RW 18	N59°44'58.52"	W154°54'14.79"	N59°45'45.433"	W154°54'34.620"	SAME	SAME
THRESHOLD RW 36	N59°44'41.05"	W154°54'20.80"	N59°44'58.750"	W154°54'49.381"	SAME	SAME

ITEM	EXISTING	ULTIMATE	GRAVEL-ULTIMATE
RUNWAY TYPE UTILITY OR OTHER THAN UTILITY	OTHER THAN UTILITY	SAME	UTILITY
FAR PART 77 APPROACH CATEGORY (V, NPI, P)	NPI/NPI	SAME	V
APPROACH SURFACES	34:1/34:1	SAME	20:1
VISIBILITY MINIMUM	1 MILE/1 MILE	<3/4 MILE / <3/4 MILE	1 MILE/1 MILE
RUNWAY SURFACE	ASPHALT	SAME	GRAVEL
PAVEMENT STRENGTH SW,DW,DTW,DDTW x1000lbs	SW 16, DW 150	SAME	--
AIRCRAFT APPROACH CATEGORY	B	B	A
AIRPLANE DESIGN GROUP	III	II	I
TRUE BEARING	N09°03'51"E	SAME	N09°03'51"E
EFFECTIVE GRADE	0.177%	SAME	0.14%
TOUCHDOWN ZONE ELEVATION NAVD88	182.3' / 177.9'	SAME	147.0
RUNWAY DIMENSIONS	4,800' x 100'	SAME	1,800' x 60'
RUNWAY SAFETY AREA (RSA) DIMENSIONS	6,000' x 300'	SAME	2,280' x 120'
LENGTH BEYOND R/W END	600'	600'	240'
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	500'/700'/1,000'	1,000'/1,750'/2,500'	250'/450'/1000'
RUNWAY OBJECT FREE AREA (OFA) DIMENSIONS	5,400' x 800'	6,000' x 800'	2,280' x 250'
LENGTH BEYOND R/W END OR STOPWAY	300' / 300'	600' / 600'	240'
RUNWAY OBSTACLE FREE ZONE (OFZ) DIMENSIONS	5,200' x 400'	SAME	2,200' x 120'
RUNWAY LIGHTING	MI	SAME	MI
RUNWAY MARKING TYPE	NPI	NPI	--
RUNWAY VISUAL APPROACH AIDS	PAPI/PAPI	MALS / MALS	--

ITEM	EXISTING	ULTIMATE
RUNWAY SURFACE	WATER	WATER
APPROACH SURFACES	20:1	20:1
VISIBILITY MINIMUM	VISUAL	VISUAL
RUNWAY MARKING	NONE	NONE
NAVIGATION AIDS	NONE	NONE
RUNWAY DIMENSION NORTH/SOUTH	400' x 2900'	200' x 4400'
RUNWAY DIMENSION EAST/WEST	400' x 3000'	200' x 3000'
RPZ	--	250'x450'x1000'

ITEM	EXISTING	ULTIMATE
AIRPORT REFERENCE POINT (A.R.P.)		
ANTENNA		
BLUFF		
BUILDINGS		
BUILDING RESTRICTION LINE		
FENCE		
PAPI		
PROPERTY LINE		
REIL		
ROADWAYS		
ROTATING BEACON		
SHORELINE		
THRESHOLD MARKERS/LIGHTS		
TOPOGRAPHIC CONTOURS		
TREE (LARGE SINGLE)		
TREELINE		
VASI		
WIND CONE		
SEGMENTED CIRCLE		
ULTIMATE LEASE LOT		



RUNWAY	10.5 kt	13 kt
18/36	78.03	85.21
8/26	89.79	94.91
COMBINED	97.48	99.33

SOURCE:
U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC
ADMINISTRATION, NATIONAL CLIMATIC DATA CENTER SEPTEMBER 2005
PERIOD: JAN 1996 to DEC 2004

DESCRIPTION	STANDARD	EXISTING	ULTIMATE
RVZ	CLEAR	OBSTRUCTION	CLEAR
ROAD/APPROACH SLOPE PENETRATION RW 18	CLEAR	PENETRATION	CLEAR
ROAD/APPROACH SLOPE PENETRATION RW 8	CLEAR	PENETRATION	CLEAR
NEWHALEN LANDFILL* DISTANCE OF LANDFILL FACILITY FROM RUNWAY	10,000'	7,213'	10,000'
ILIAMNA LANDFILL* DISTANCE OF LANDFILL FACILITY FROM RUNWAY	10,000'	7,880'	10,000'
HOTEL PENETRATES RVZ AND BRL	CLEAR	PENETRATION	CLEAR
OLD ARFF BUILDING PENETRATES RVZ	CLEAR	PENETRATION	CLEAR

*REFERENCED IN THE ILIAMNA WILDLIFE HAZARD MANAGEMENT PLAN

PK	10/31/23	CHANGED RUNWAY DESIGNATORS
	2/2014	UPDATE ARP LOCATION
SG	7/23/13	SREB AS-BUILT
BY	DATE	REVISION
APPROVED:		DATE: 5-2-08
ROB CAMPBELL, P.E.		PRECONSTRUCTION ENGINEER
RECOMMENDED:		DATE: 5-21-08
BTCH DOUTHIT, P.E.		DESIGN SECTION CHIEF
AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO ALP APPROVAL LETTER DATED 1/05/07		
FAA AIRSPACE REVIEW NUMBER: 07ABL-93NCA		
DATE: 11/5/09		
FAA, AIRPORTS DIVISION ALASKAN REGION, AAL		

SHT #	TITLE
1	AIRPORT DATA SHEET
2	EXISTING AIRPORT RUNWAY 8/26 LAYOUT PLAN
3	EXISTING AIRPORT RUNWAY 18/36 LAYOUT PLAN
4	EXISTING WATERWAY PLAN
5	ULTIMATE AIRPORT RUNWAY 8/26 LAYOUT PLAN
6	ULTIMATE AIRPORT RUNWAY 18/36 LAYOUT PLAN
7	ULTIMATE WATERWAY PLAN
8	INNER PORTION OF THE APPROACH SURFACE RUNWAY 8
9	INNER PORTION OF THE APPROACH SURFACE RUNWAY 26
10	INNER PORTION OF THE APPROACH SURFACE RUNWAY 18
11	INNER PORTION OF THE APPROACH SURFACE RUNWAY 36
12	AIRPORT AIRSPACE 14 CFR, PART 77, PLAN
13	AIRPORT AIRSPACE 14 CFR, PART 77, PROFILES
14	PROPERTY MAP
15	TERMINAL AREA

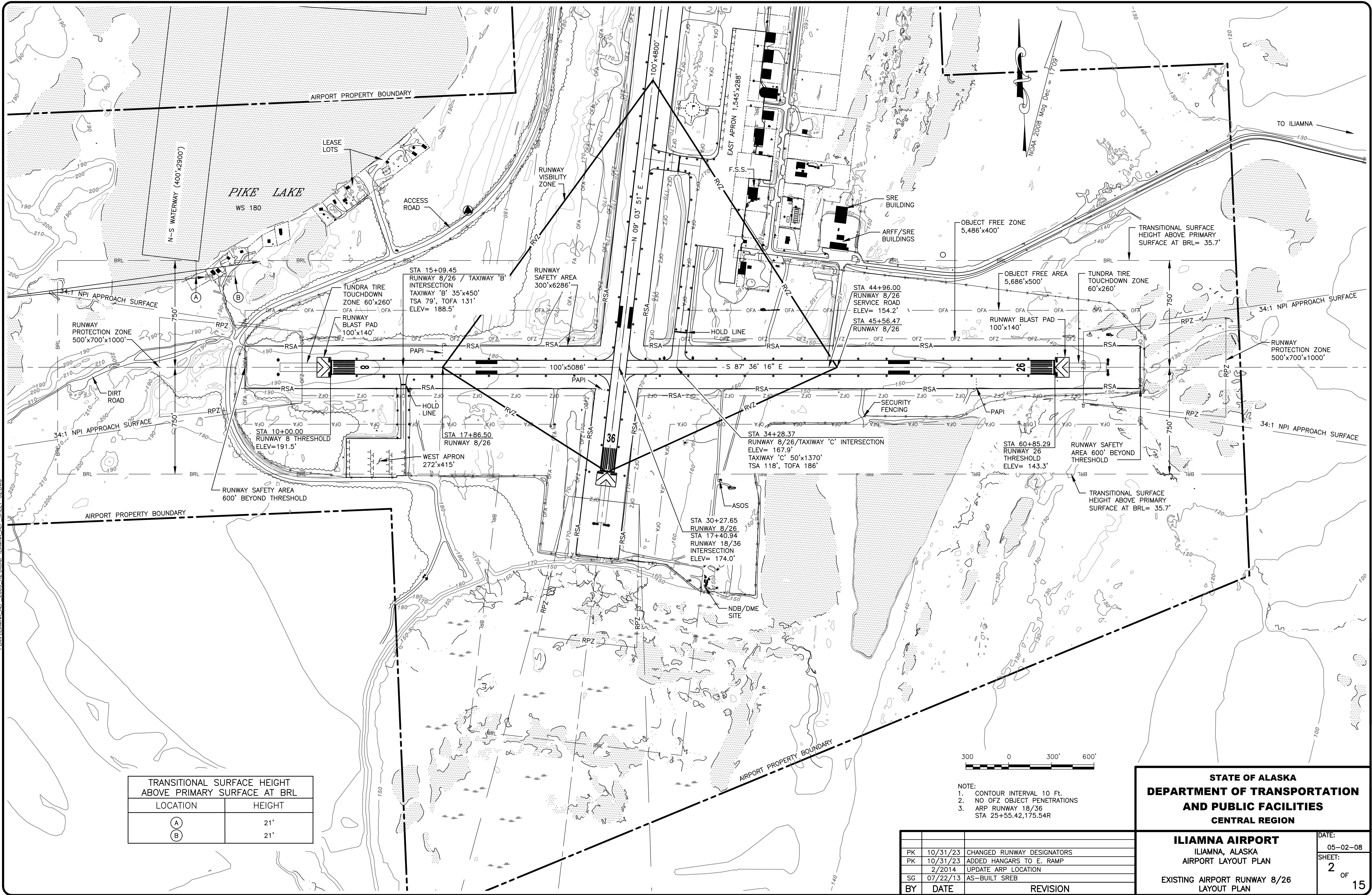
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

ILIAMNA AIRPORT
ILIAMNA, ALASKA
AIRPORT LAYOUT PLAN
AIRPORT DATA SHEET

DATE: 05-02-08
SHEET: 1 of 15

Date Plotted: 11/22/2023 1:28 PM, S:\projects, Michael R. (007)
 Layout Name: SHEET 1
 File Name: Q:\ILIAMNA\AIRPORT LAYOUT PLAN\ILIAMNA_ALP_2009\ILIAMNA_ALP_2009_R2_AIRPORT_LAYOUT_P1\ILIAMNA_ALP_2009_R2_AIRPORT_LAYOUT_P1_SHEET-01.DWG

Date Plotted: 11/2/2023 1:31 PM, Sprocos, Michael R. (DOT)
 Layout Name: SHEET 2
 File Name: G:\ILIAMNA AIRPORT LAYOUT PLAN\ILIAMNA_ALP_2009_R2\AIRPORT_LAYOUT PLAN\ILIAMNA_ALP_2009_R2\ACAD-ILIAMNA_ALP_SHEET-02.DWG
 Designed By: DC
 Drawn By: DC
 Checked By: CS



TRANSITIONAL SURFACE HEIGHT ABOVE PRIMARY SURFACE AT BRL	
LOCATION	HEIGHT
(A)	21'
(B)	21'



- NOTE:
1. CONTOUR INTERVAL 10 Ft.
 2. NO OFZ OBJECT PENETRATIONS
 3. ARP RUNWAY 18/36 STA 25+55.42, 175.54R

BY	DATE	REVISION
PK	10/31/23	CHANGED RUNWAY DESIGNATORS
PK	10/31/23	ADDED HANGARS TO E. RAMP
	2/2014	UPDATE ARP LOCATION
SG	07/22/13	AS-BUILT SREB

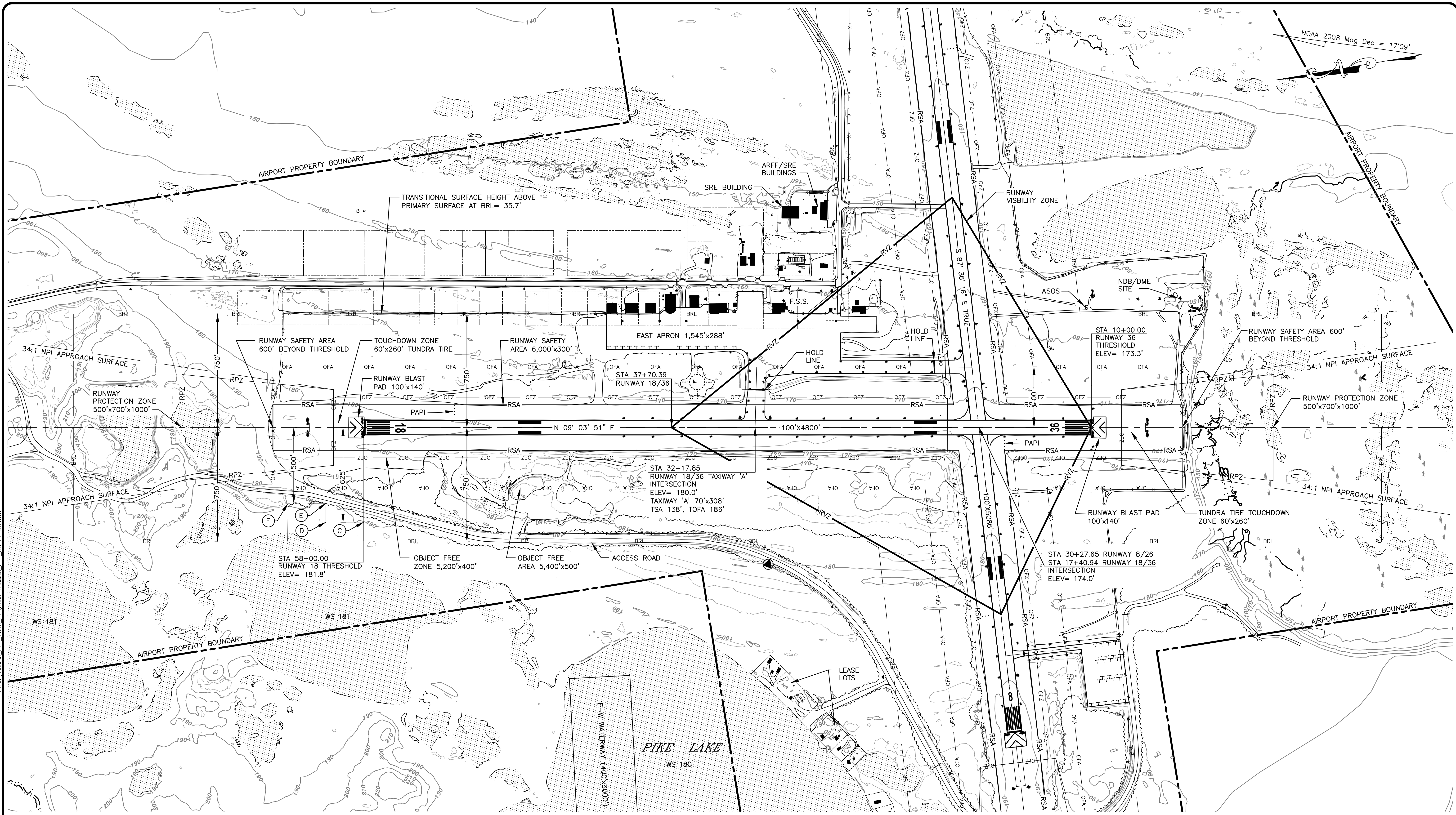
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

ILIAMNA AIRPORT
 ILIAMNA, ALASKA
 AIRPORT LAYOUT PLAN

EXISTING AIRPORT RUNWAY 8/26
 LAYOUT PLAN

DATE:	05-02-08
SHEET:	2 OF 15

Date Plotted: 11/2/2023 1:33 PM, Siroos, Michael R (DOT)
 Layout Name: SHEET 3
 File Name: Q:\I\AIRPORT\ILIAMNA AIRPORT LAYOUT PLAN\ILIAMNA_ALP_2009_R2\AIRPORT LAYOUT PLAN\ILIAMNA_ALP_2009_R2\ACAD-ILIAMNA_ALP_SHEET-03.DWG
 Designed By: DC
 Drawn By: DC
 Checked By: CS



TRANSITIONAL SURFACE HEIGHT ABOVE PRIMARY SURFACE AT BRL	
LOCATION	HEIGHT
(C)	17'
(D)	17'
(E)	0'
(F)	0'

- NOTES:
1. CONTOUR INTERVAL 10 FT.
 2. NO OFZ OBJECT PENETRATIONS
 3. ARP RUNWAY 18/36 STA 25+55.42, 175.54R



BY	DATE	REVISION
PK	10/31/23	CHANGED RUNWAY DESIGNATORS
PK	10/31/23	ADDED HANGARS TO E. RAMP
SG	02/2014	UPDATE ARP LOCATION
SG	07/22/13	AS-BUILT SREB

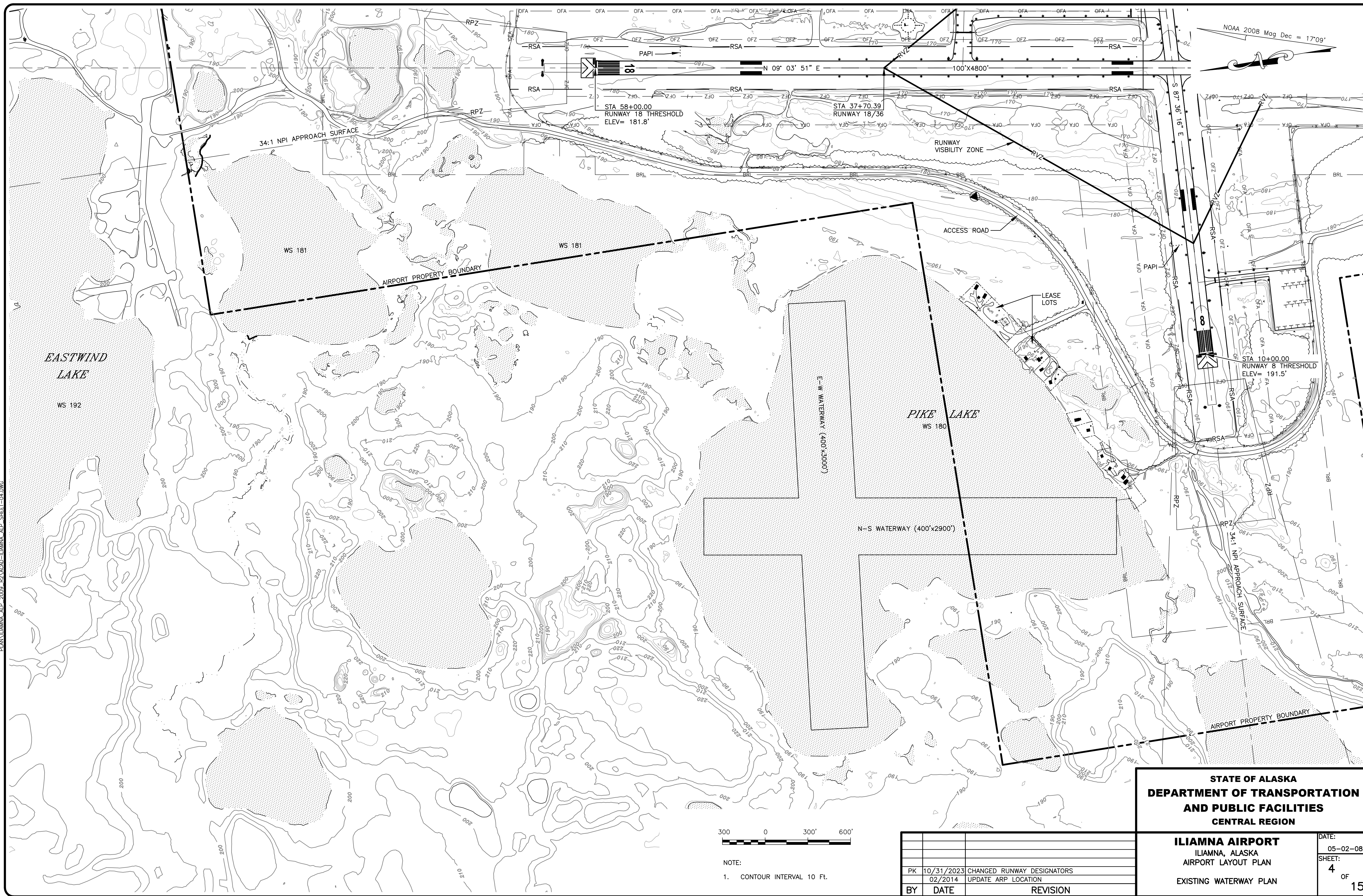
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

ILIAMNA AIRPORT
 ILIAMNA, ALASKA
 AIRPORT LAYOUT PLAN
 EXISTING AIRPORT RUNWAY 18/36
 LAYOUT PLAN

DATE: 05-02-08
 SHEET: 3 OF 15

Date Plotted: 11/2/2023 1:35 PM, Spross, Michael R. (DOT)
 Layout Name: SHEET 4
 File Name: G:\U\AIRPORT\ILIAMNA AIRPORT LAYOUT PLAN\ILIAMNA_ALP_2009\ILIAMNA_ALP_2009_R2_AIRPORT LAYOUT PLAN\ILIAMNA_ALP_2009_R2_AIRPORT LAYOUT PLAN_SHEET-04.BMG

Designed By: DG
 Drawn By: DG
 Checked By: CS



300 0 300' 600'
 NOTE:
 1. CONTOUR INTERVAL 10 FT.

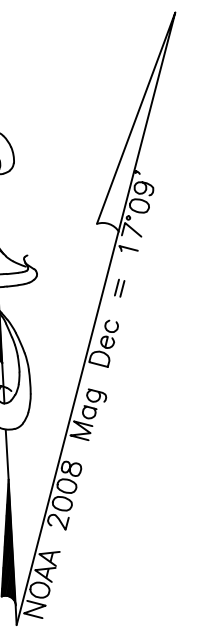
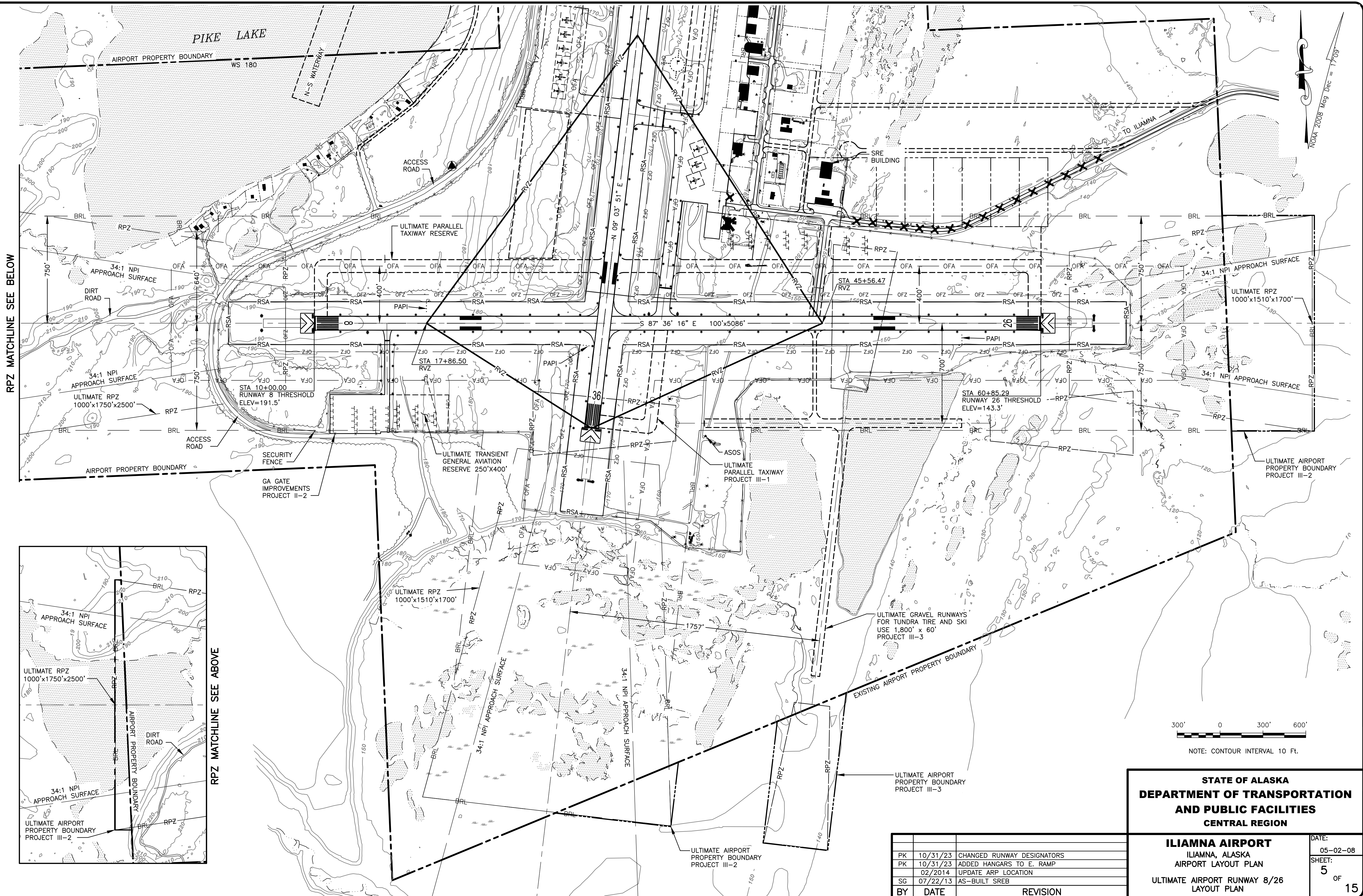
PK	DATE	REVISION
10/31/2023	CHANGED RUNWAY DESIGNATORS	
02/2014	UPDATE ARP LOCATION	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

ILIAMNA AIRPORT
 ILIAMNA, ALASKA
 AIRPORT LAYOUT PLAN
 EXISTING WATERWAY PLAN

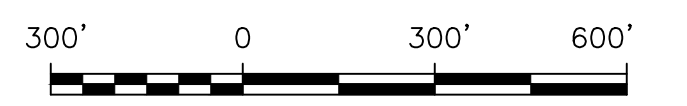
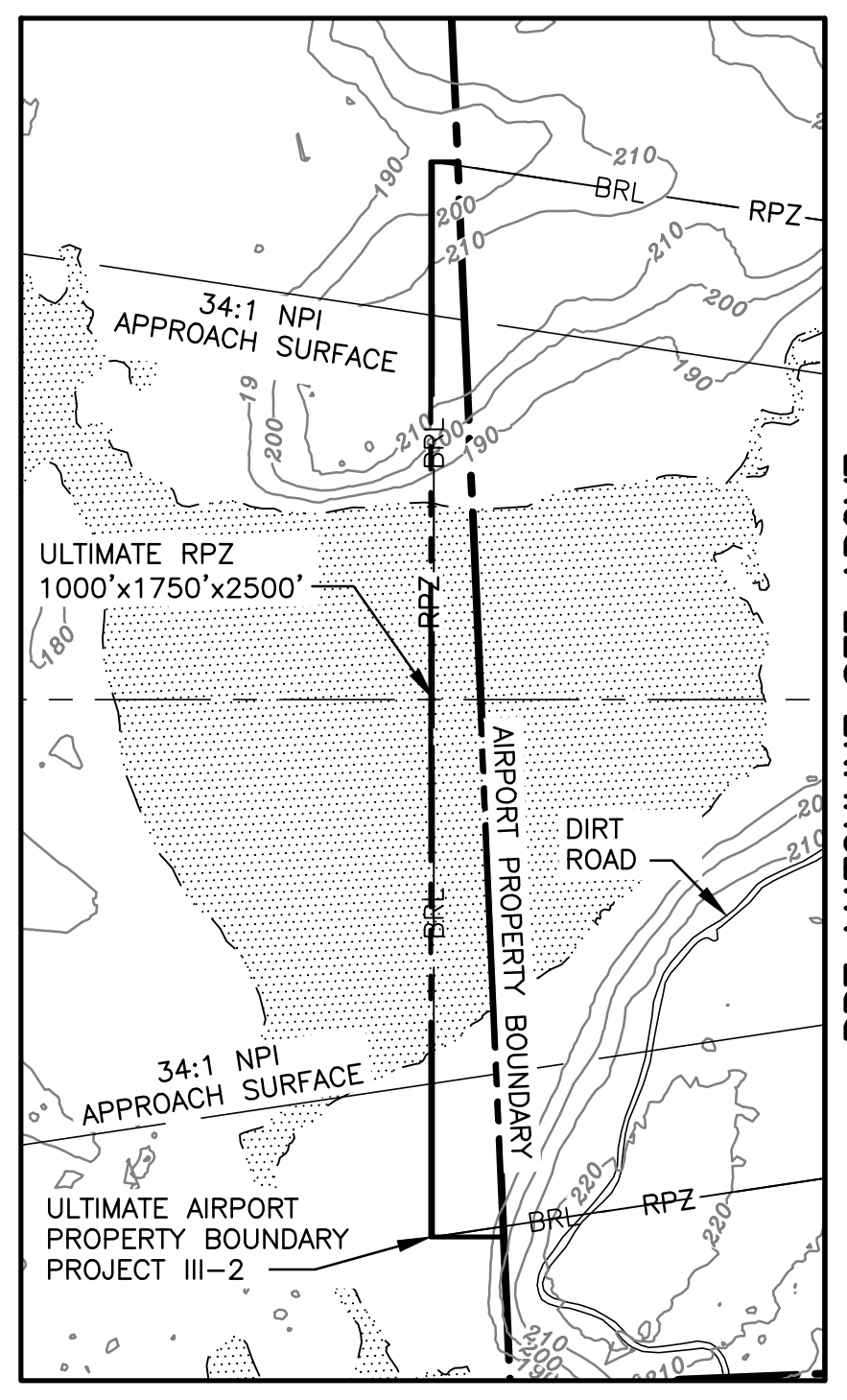
DATE:	05-02-08
SHEET:	4 OF 15

Date Plotted: 11/2/2023 1:36 PM, Sgorcos, Michael R. (DOT)
 Layout Name: I:\U\AIRPORT\ILIAMNA AIRPORT LAYOUT PLAN\ILIAMNA_ALP_2009_RZ_AIRPORT_LAYOUT
 File Name: PLAN\ILIAMNA_ALP_2009_RZ_AIRPORT_LAYOUT\ILIAMNA_ALP_SHEET-05.DWG
 Designed By: DC
 Drawn By: DC
 Checked By: CS



RPZ MATCHLINE SEE BELOW

RPZ MATCHLINE SEE ABOVE



NOTE: CONTOUR INTERVAL 10 FT.

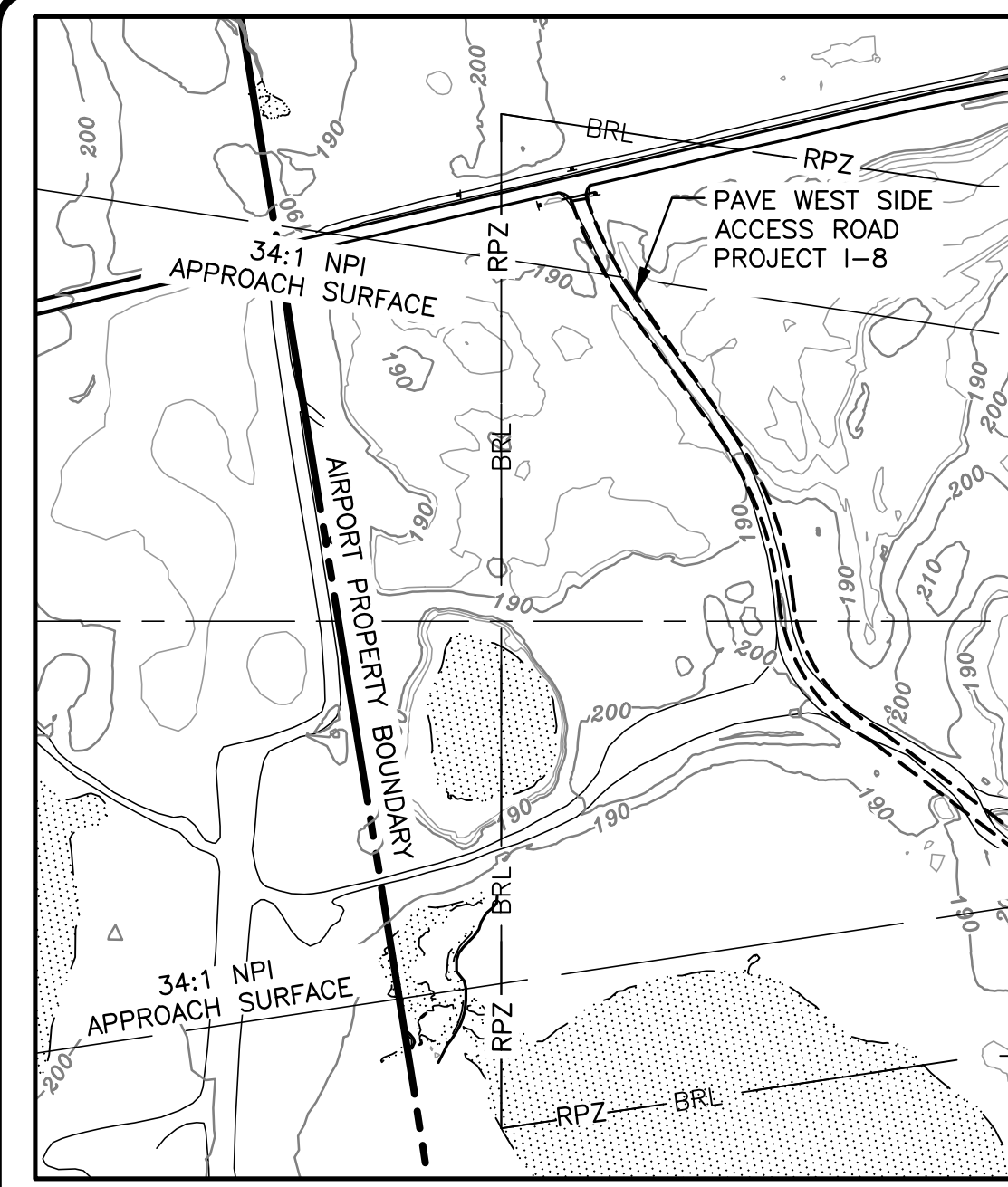
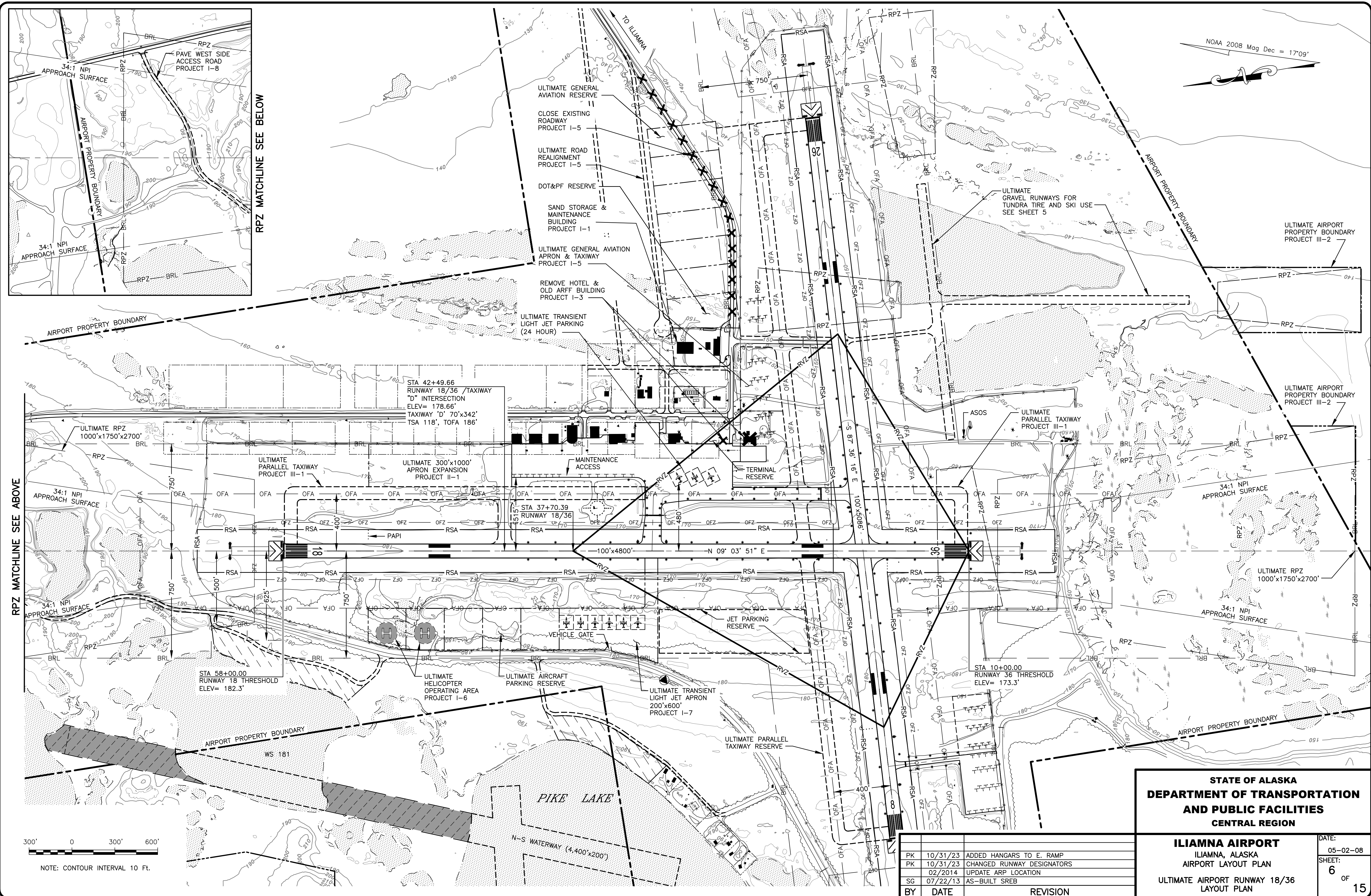
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

ILIAMNA AIRPORT
 ILIAMNA, ALASKA
 AIRPORT LAYOUT PLAN
 ULTIMATE AIRPORT RUNWAY 8/26
 LAYOUT PLAN

DATE: 05-02-08
 SHEET: 5 OF 15

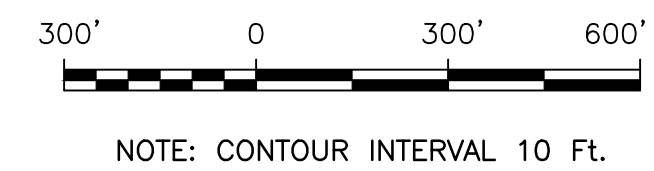
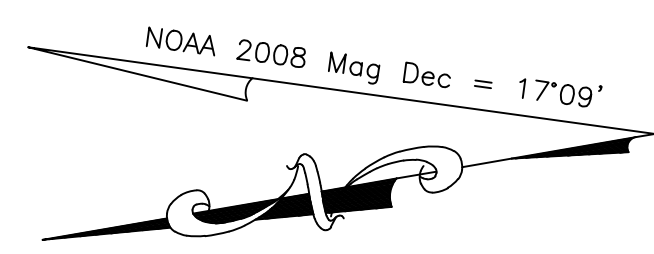
BY	DATE	REVISION
PK	10/31/23	CHANGED RUNWAY DESIGNATORS
PK	10/31/23	ADDED HANGARS TO E. RAMP
	02/2014	UPDATE ARP LOCATION
SG	07/22/13	AS-BUILT SREB

Date Plotted: 11/2/2023 1:44 PM, Sproccs, Michael R. (DOT)
 Layout Name: C:\I\AIRPORT\ILIAMNA AIRPORT LAYOUT PLAN\ILIAMNA_ALP_2009_RZ_AIRPORT_LAYOUT
 File Name: PLAN\ILIAMNA_ALP_2009_RZ_AIRPORT_LAYOUT\ILIAMNA_ALP_SHEET-06.DWG
 Designed By: DC
 Drawn By: DC
 Checked By: CS



RPZ MATCHLINE SEE BELOW

RPZ MATCHLINE SEE ABOVE



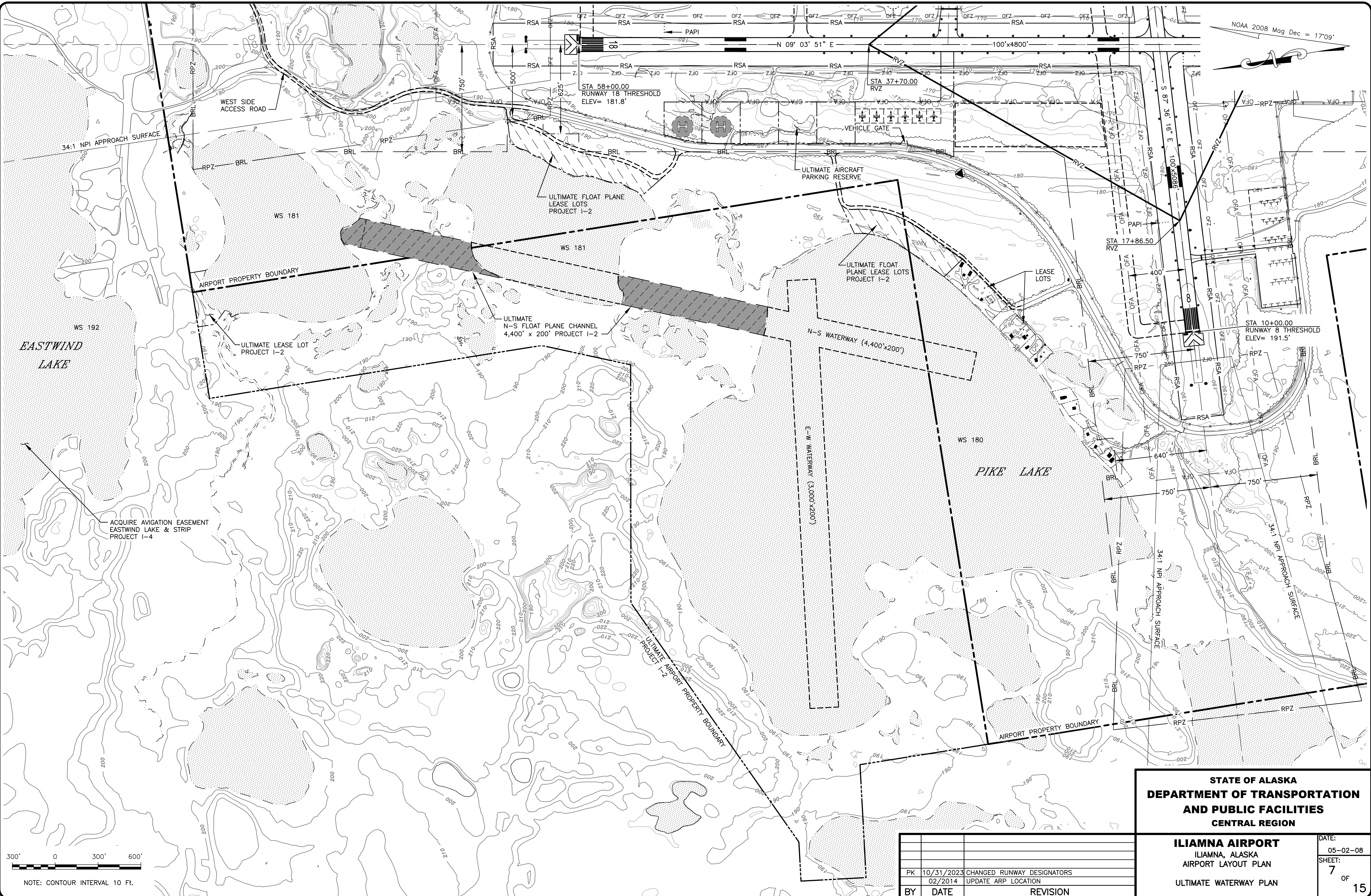
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

ILIAMNA AIRPORT
 ILIAMNA, ALASKA
 AIRPORT LAYOUT PLAN
 ULTIMATE AIRPORT RUNWAY 18/36
 LAYOUT PLAN

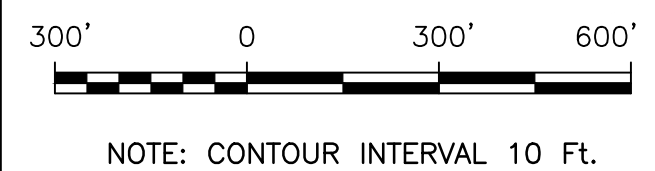
PK	DATE	REVISION
PK	10/31/23	ADDED HANGARS TO E. RAMP
PK	10/31/23	CHANGED RUNWAY DESIGNATORS
SG	02/2014	UPDATE ARP LOCATION
SG	07/22/13	AS-BUILT SREB

DATE: 05-02-08
 SHEET: 6 OF 15

Date Plotted: 11/2/2023 1:47 PM, Sijoros, Michael R. (DOT)
 Layout Name: ILIAMNA AIRPORT LAYOUT PLAN (ILIAMNA_ALP_2009)_R2_AIRPORT LAYOUT
 File Name: PLAN ILIAMNA_ALP_2009_R2_A2A0=ILIAMNA_ALP_SHEET-07.DWG
 Designed By: DC
 Drawn By: DC
 Checked By: CS



NOAA 2008 Mag Dec = 17'09"



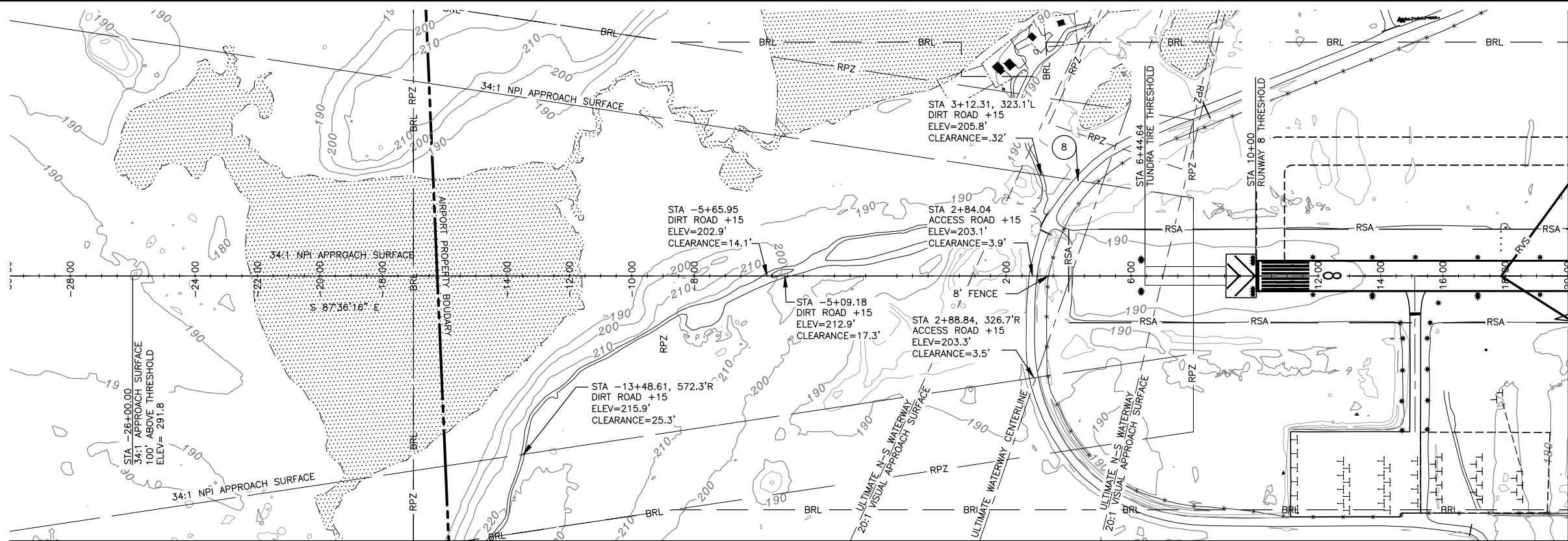
PK	DATE	REVISION
10/31/2023	CHANGED RUNWAY DESIGNATORS	
02/2014	UPDATE ARP LOCATION	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

ILIAMNA AIRPORT
 ILIAMNA, ALASKA
 AIRPORT LAYOUT PLAN
 ULTIMATE WATERWAY PLAN

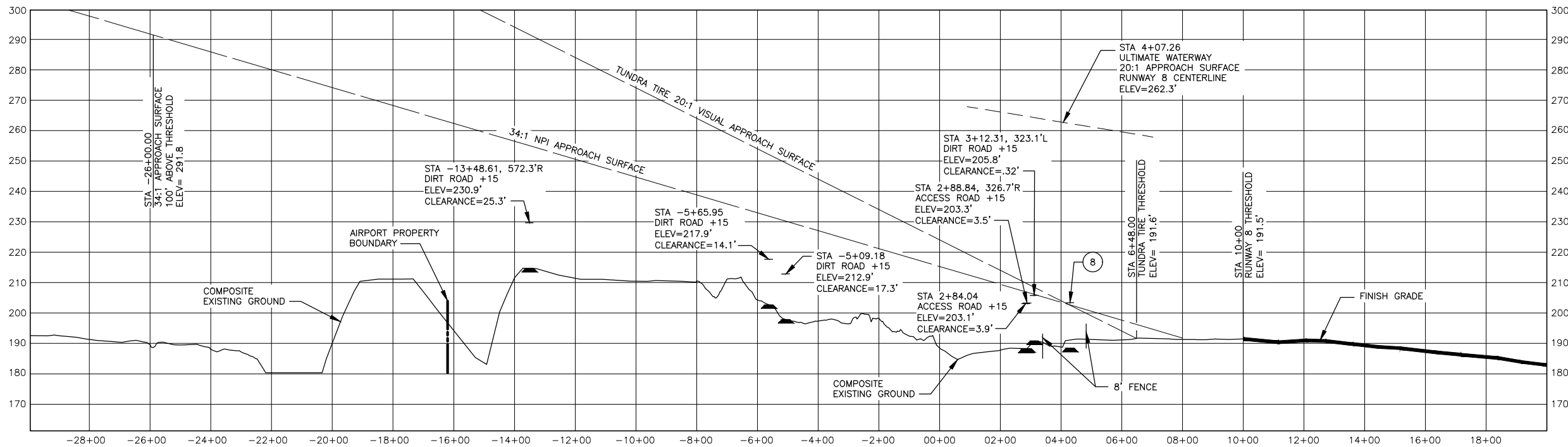
DATE:	05-02-08
SHEET:	7
OF	15

Date Plotted: 11/2/2023 1:52 PM, Sponsors: Michael R. (DOT)
 Layout Name: ILLIAMNA AIRPORT LAYOUT PLAN ILLIAMNA ALP 2009 ILLIAMNA ALP 2009 RPZ AIRPORT LAYOUT
 File Name: ILLIAMNA ALP 2009 RPZ AIRPORT LAYOUT PLAN ILLIAMNA ALP SHEET-8-9.DWG
 Designed By: DG
 Drawn By: DG
 Checked By: CS



RUNWAY 8 APPROACH PLAN

THERE ARE NO PERMANENT OBSTRUCTIONS TO RUNWAY 8 34:1 APPROACH SURFACE



RUNWAY 8 APPROACH PROFILE

34:1 APPROACH SURFACE OBSTRUCTION TABLE (INNER PORTION RW 8)								
ID #	DESCRIPTION	STATION OFFSET	ELEVATION NAVD88	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION TO CORRECT	STAGE
8	ACCESS ROAD	4+30/306'L	188.4'	APPROACH	202.1'	0.7'	LOWER ROAD	PROJECT 1-8

NOTE: REFER TO AIRPORT AIRSPACE DRAWING FOR PENETRATIONS OF THE OUTER APPROACH SURFACE.

NOTES:

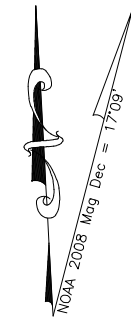
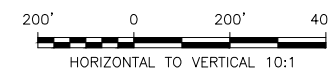
- THERE ARE NO OBJECT FREE AREA PENETRATIONS
- THE CONTROLLING OBSTRUCTION FOR RUNWAY 8 IS A VEHICLE ON THE ROAD CROSSING THE NORTHERN EDGE OF THE APPROACH SURFACE. THE OBSTRUCTION CLEARANCE SLOPE IS 21:1 (BASED ON A 15' HIGH VEHICLE) PER FAA AC 150/5200-35, SECTION 4, D.E.N. 57
- THERE ARE NO OBJECT PENETRATIONS IN THE RUNWAY APPROACH END SITING SURFACE OF RUNWAY 8 AS DEFINED IN FAA AC 150/5300-13 CHG 11, APPENDIX 2, TABLE A2-1, LINE 9.

PK	DATE	REVISION
10/31/23	CHANGED RUNWAY DESIGNATORS	

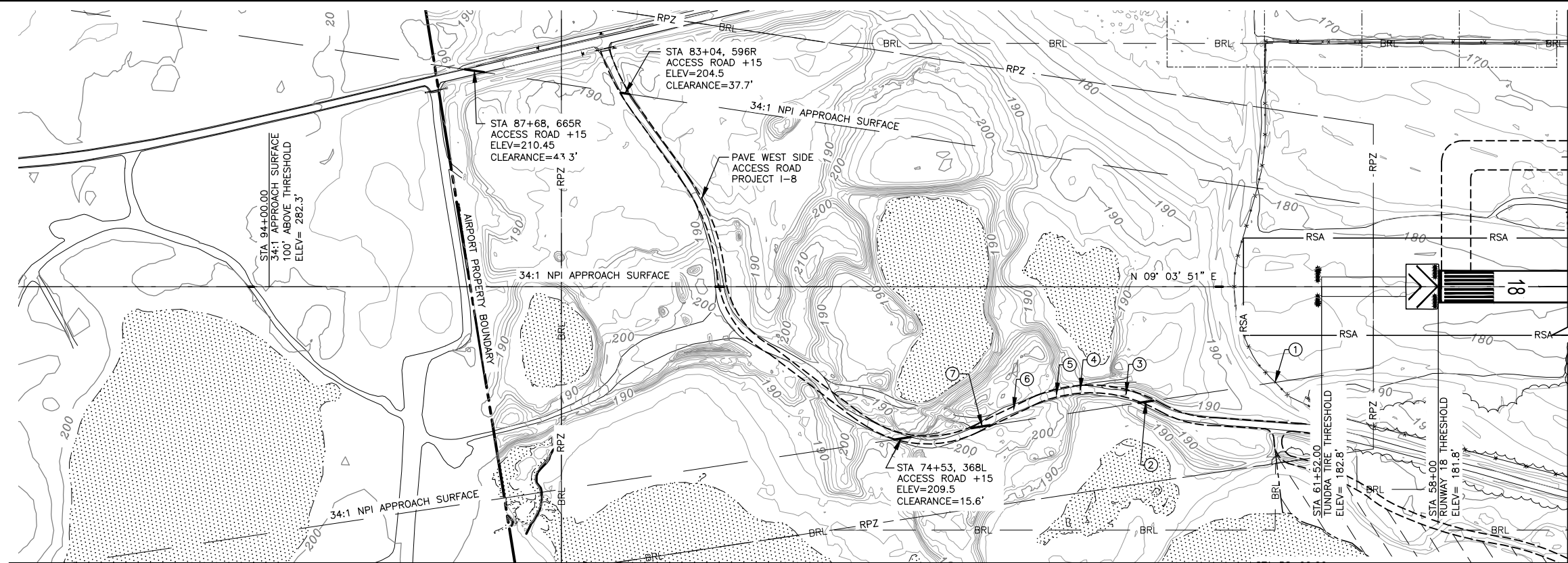
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

ILLIAMNA AIRPORT
 ILLIAMNA, ALASKA
 AIRPORT LAYOUT PLAN
 INNER PORTION OF THE
 APPROACH SURFACE RUNWAY 8

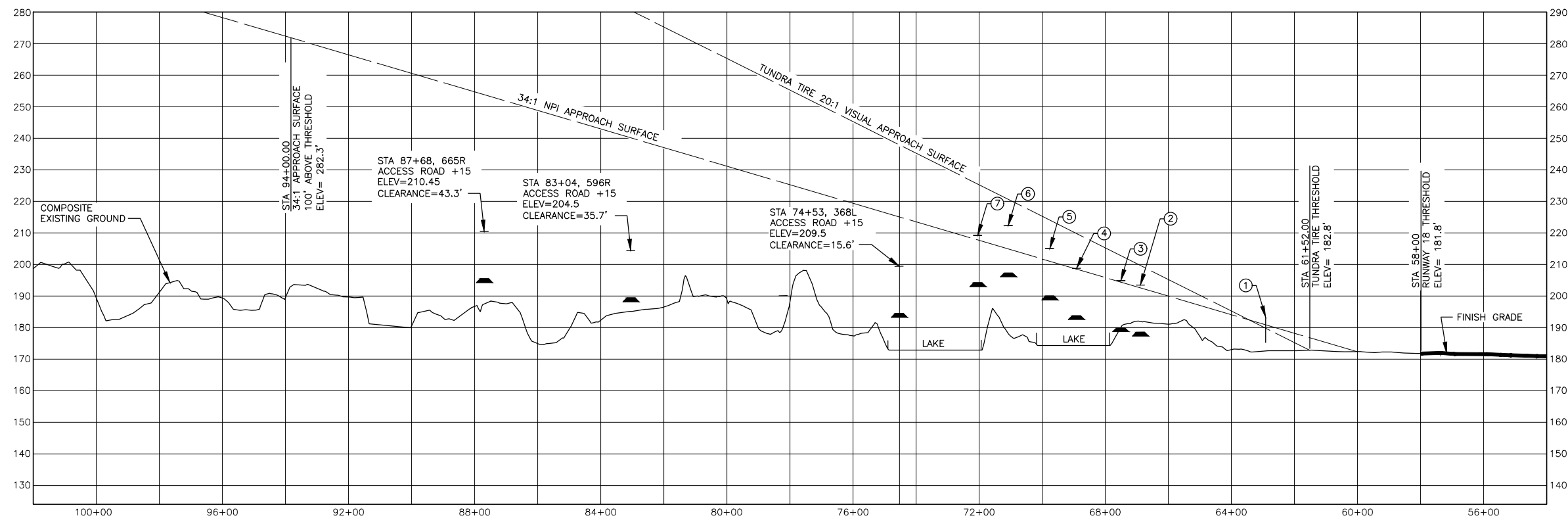
DATE: 05-02-08
 SHEET: 8 OF 15



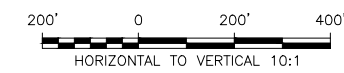
Date Plotted: 11/2/2023 1:54 PM, Sponsors: Michael R. (DOT)
 Layout Name: ILLIamna Airport Layout Plan ILLIamna ALP 2009 ILLIamna ALP 2009 RPZ Airport Layout
 File Name: ILLIamna ALP 2009 ILLIamna ALP 2009 ILLIamna ALP SHEET-10-11.DWG
 Designed By: DC
 Drawn By: DC
 Checked By: CS



RUNWAY 18 APPROACH PLAN



RUNWAY 18 APPROACH PROFILE



ID #	DESCRIPTION	STATION	ELEVATION	SURFACE	SURFACE	AMOUNT	DISPOSITION	STAGE
		OFFSET	NAVD88	PENETRATED	ELEVATION	PENETRATION		TO CORRECT
1	8' FENCE	63+02/295L	185.3'	APPROACH	189.8'	3.5'	-	PROJECT 1-8
2	ACCESS ROAD	67+00/355L	188.6'	APPROACH	202.6'	0.9'	LOWER ROAD	PROJECT 1-8
3	ACCESS ROAD	67+61/332L	189.9'	APPROACH	204.4'	0.5'	LOWER ROAD	PROJECT 1-8
4	ACCESS ROAD	69+02/318L	194.1'	APPROACH	208.9'	.2'	LOWER ROAD	PROJECT 1-8
5	ACCESS ROAD	69+76/333L	200.0'	APPROACH	211.0'	4.0'	LOWER ROAD	PROJECT 1-8
6	ACCESS ROAD	71+07/378L	207.3'	APPROACH	214.9'	7.4'	LOWER ROAD	PROJECT 1-8
7	ACCESS ROAD	72+04/431L	204.2'	APPROACH	217.7'	1.5'	LOWER ROAD	PROJECT 1-8

- NOTES:
- THERE ARE NO OBJECT FREE AREA PENETRATIONS
 - THERE ARE OBSTRUCTIONS IN THE APPROACH TO RUNWAY 18. THE OBSTRUCTION CLEARANCE SLOPE (OCS) IS 29.5:1, BASED ON A 15' HIGH VEHICLE ON THE ROAD CROSSING THE WESTERN EDGE OF THE APPROACH SURFACE AT ⑥. THE OCS ESTABLISHED PER FAA AC 150/5200-35, SECTION 4, D.E.N. 57
 - THERE ARE NO OBJECT PENETRATIONS IN THE RUNWAY APPROACH END SITING SURFACE OF RUNWAY 18 AS DEFINED IN FAA AC 150/5300-13 CHG 10, APPENDIX 2, TABLE 2A-1, LINE 9.

PK	DATE	REVISION
10/31/23	CHANGED RUNWAY DESIGNATORS	

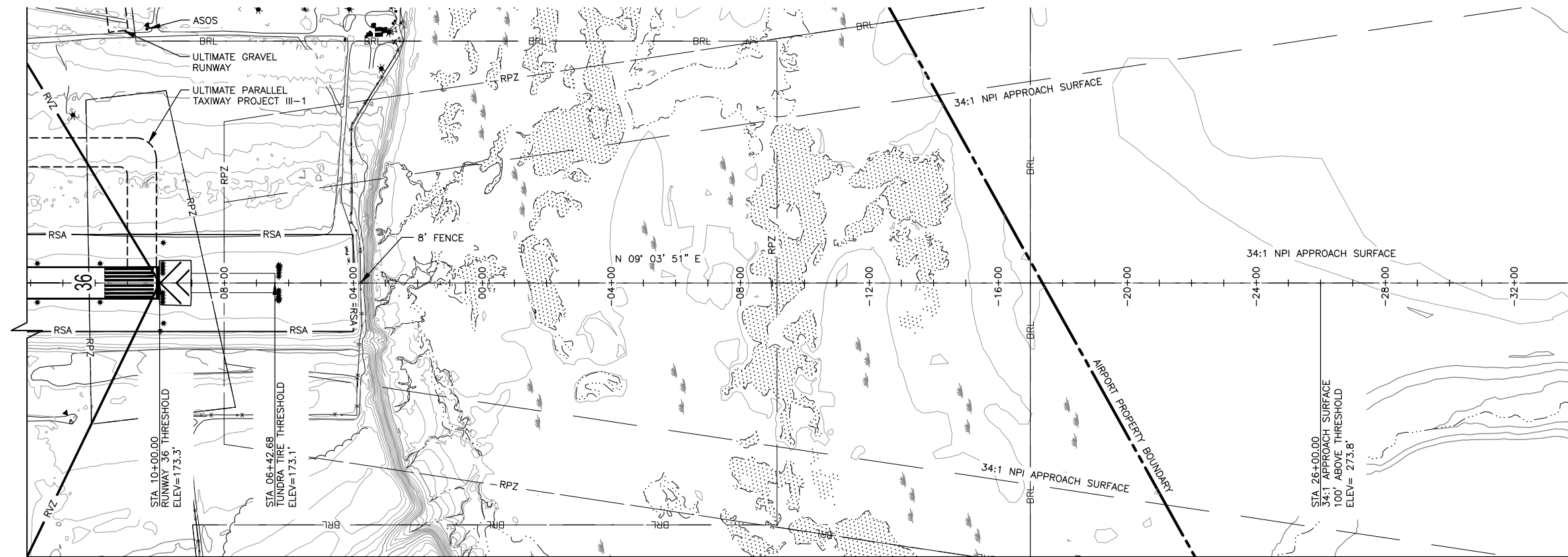
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

ILLIAMNA AIRPORT
 ILLIAMNA, ALASKA
 AIRPORT LAYOUT PLAN
 INNER PORTION OF THE
 APPROACH SURFACE RUNWAY 18

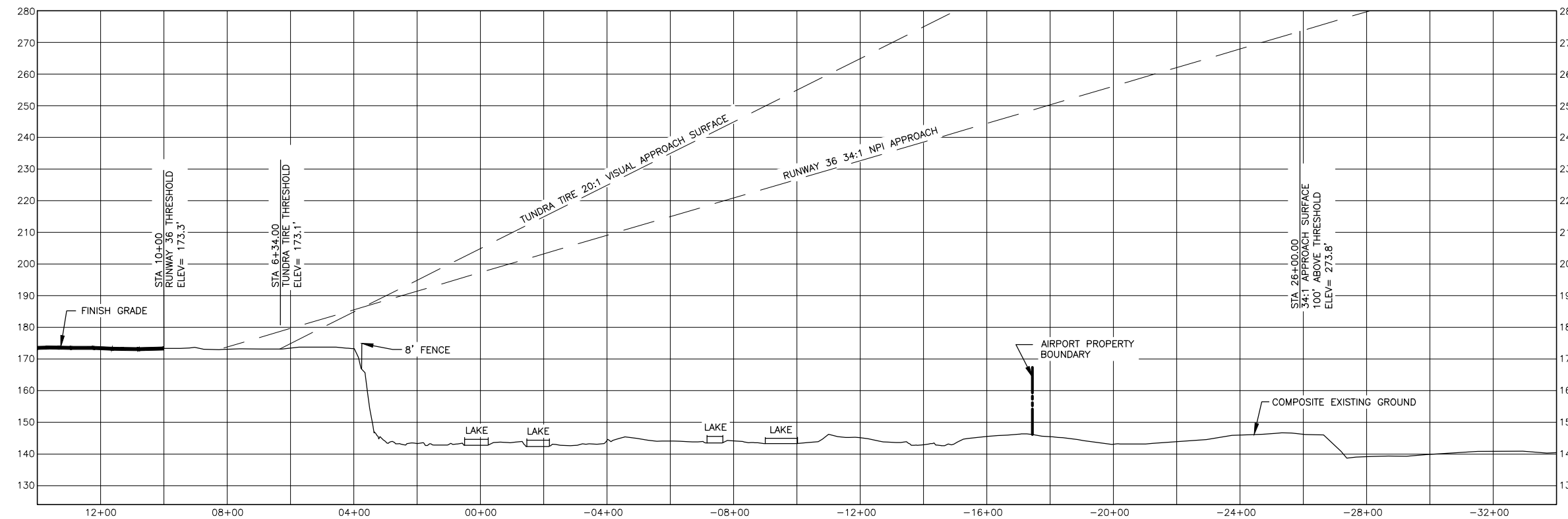
DATE: 05-02-08
 SHEET: 10 OF 15

NOTE: REFER TO AIRPORT AIRSPACE DRAWING FOR PENETRATIONS OF THE OUTER APPROACH SURFACE.

Date Plotted: 11/2/2023 1:56 PM, Spross, Michael R. (DOT)
 Layout Name: SHEET 11
 File Name: G:\ALI\AIRPORT\ILIAMNA AIRPORT LAYOUT PLAN\ILIAMNA_ALP_2009\ILIAMNA_ALP_2009_R2_AIRPORT LAYOUT PLAN\ILIAMNA_ALP_2009_R2A06-ILIAMNA_ALP_SHEET-10-11.DWG
 Designed By: DC
 Drawn By: DC
 Checked By: CS



RUNWAY 36 APPROACH PLAN



RUNWAY 36 APPROACH PROFILE

ID #	DESCRIPTION	STATION OFFSET	ELEVATION NAVD88	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
	NONE							

NOTE: REFER TO AIRPORT AIRSPACE DRAWING FOR PENETRATIONS OF THE OUTER APPROACH SURFACE.

NOTES:

- THERE ARE NO OBJECT FREE AREA PENETRATIONS
- THE CONTROLLING OBSTRUCTION FOR RUNWAY 36 ARE VEHICLE ON THE ROAD CROSSING THE EASTERN AND WESTERN EDGES OF THE APPROACH SURFACE. THE OBSTRUCTION CLEARANCE (OCS) IS 42:1 (BASED ON A 10' HIGH VEHICLE) PER FAA AC 150/5200-35, SECTION 4, D.E.N. 57
- THERE ARE NO OBJECT PENETRATIONS IN THE RUNWAY APPROACH END SITING SURFACE OF RUNWAY 36 AS DEFINED IN FAA AC 150/5300-13 CHG 10, APPENDIX 2, TABLE 2A-1, LINE 9.

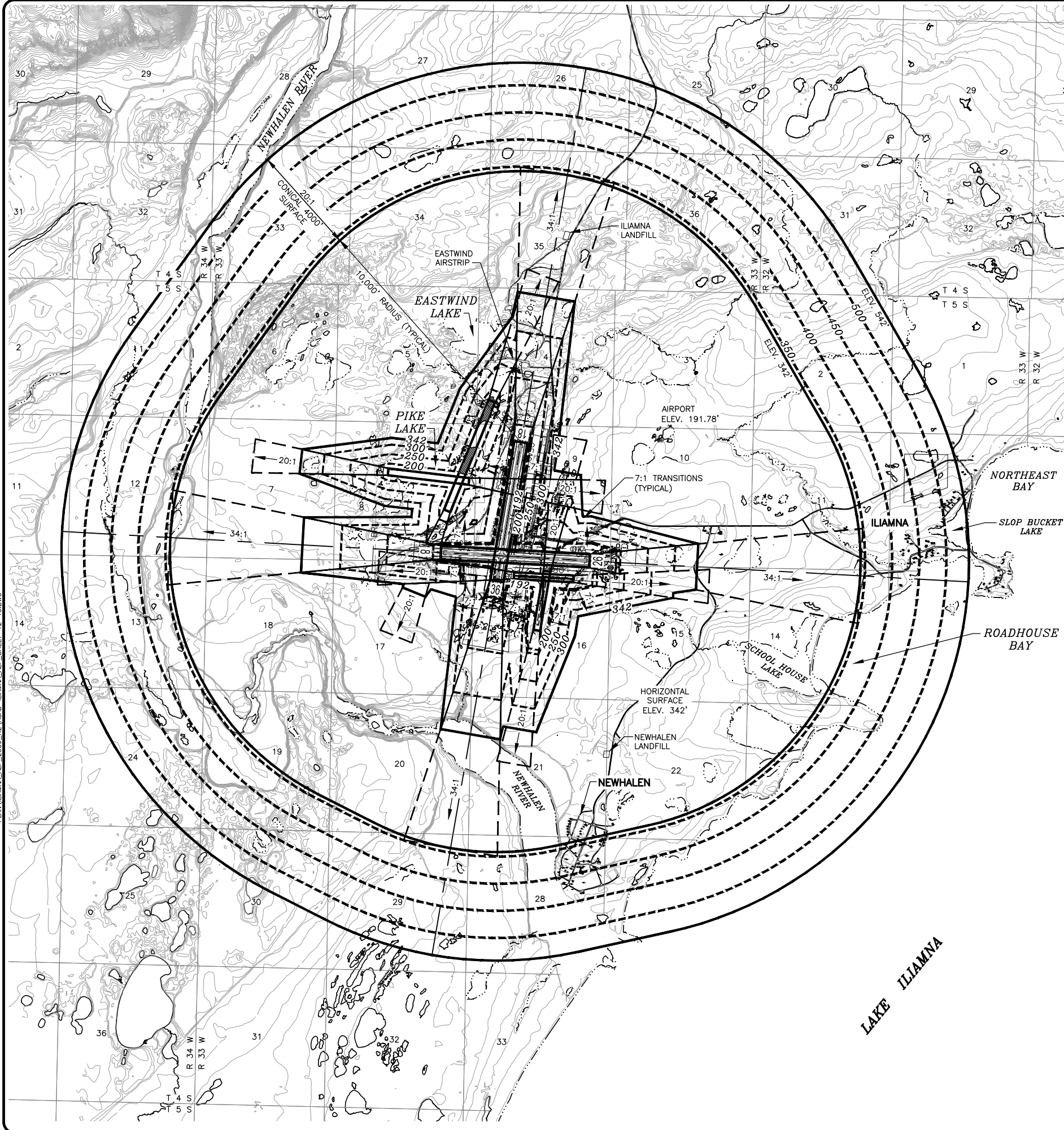
PK	DATE	REVISION
10/31/23	CHANGED RUNWAY DESIGNATORS	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

ILIAMNA AIRPORT
 ILIAMNA, ALASKA
 AIRPORT LAYOUT PLAN
 INNER PORTION OF THE
 APPROACH SURFACE RUNWAY 36

DATE: 05-02-08
 SHEET: 11 OF 15

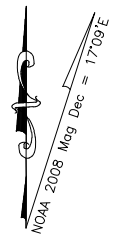
Date Plotted: 11/2/2023 1:57 PM, Spross, Michael R (DOT)
 Layout Name: SHEET 12
 File Name: I:\VLI\AIRPORT\ILIAMNA AIRPORT LAYOUT PLAN\ILIAMNA_ALP_2009\ILIAMNA_ALP_2009_R2_AIRPORT_LAYOUT PLAN\ILIAMNA_ALP_2009_R2_AIRPORT_LAYOUT PLAN_SHEET 12-15.DWG
 Designed By: DC
 Drawn By: DC
 Checked By: CS



PART 77 SURFACE OBSTRUCTIONS TABLE (OUTER PORTION RW 8/26)								
ID #	DESCRIPTION	STATION/OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
NONE	NONE			NONE		NONE	NONE	NONE

PART 77 SURFACE OBSTRUCTIONS TABLE (OUTER PORTION RW 18/36)								
ID #	DESCRIPTION	STATION/OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
NONE	NONE			NONE		NONE	NONE	NONE

- NOTES:
- ELEVATIONS ARE IN FEET.
 - AIRPORT ELEVATION IS 191.78' NAVD88.
 - HORIZONTAL SURFACE IS 150' ABOVE AIRPORT ELEVATION.
 - DRAWING BASED ON U.S.G.S QUAD ILIAMNA C-5, C-6, D-5, D-6.
 - REFER TO THE INNER PORTION OF THE APPROACH SURFACE DRAWINGS FOR CLOSE IN OBSTRUCTIONS, SHEETS 8 - 11.
 - PAVED RUNWAY PRIMARY SURFACE IS 500' WIDE PIKE LAKE WATERWAY PRIMARY SURFACE IS 250' WIDE.
 - NO SEWAGE LAGOONS HAVE BEEN IDENTIFIED WITHIN 10,000 FEET OF THE AIRPORT.
 - ILIAMNA LANDFILL IS 7,880 FEET NORTH OF RUNWAY 18 THRESHOLD, NEWHALEN LANDFILL IS 7,213 FEET FROM RUNWAY 26 THRESHOLD AND 7,776 FEET FROM RUNWAY 36 THRESHOLD.
 - NO PENETRATIONS TO THE EXISTING PART 77 SURFACES. THE HOTEL PENETRATES TRANSITION SURFACE 15' WHEN THE PRIMARY SURFACE WIDENS TO ACCOMMODATE LOWER APPROACH MINIMUMS. HOTEL DOES NOT PENETRATE EXISTING PART 77 SURFACES.



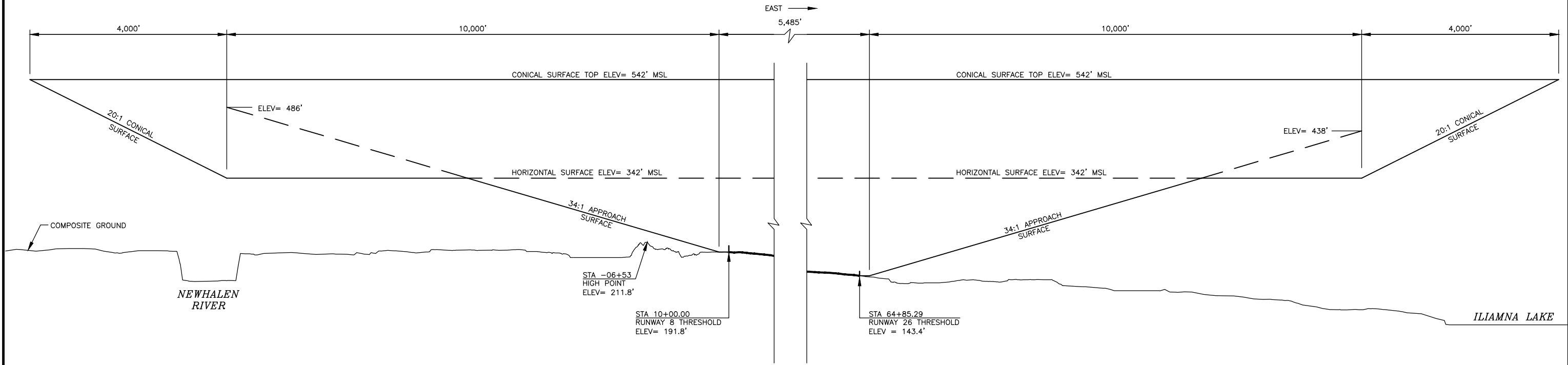
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

ILIAMNA AIRPORT
 ILIAMNA, ALASKA
 AIRPORT LAYOUT PLAN
 AIRPORT AIRSPACE 14 CFR,
 PART 77 PLAN

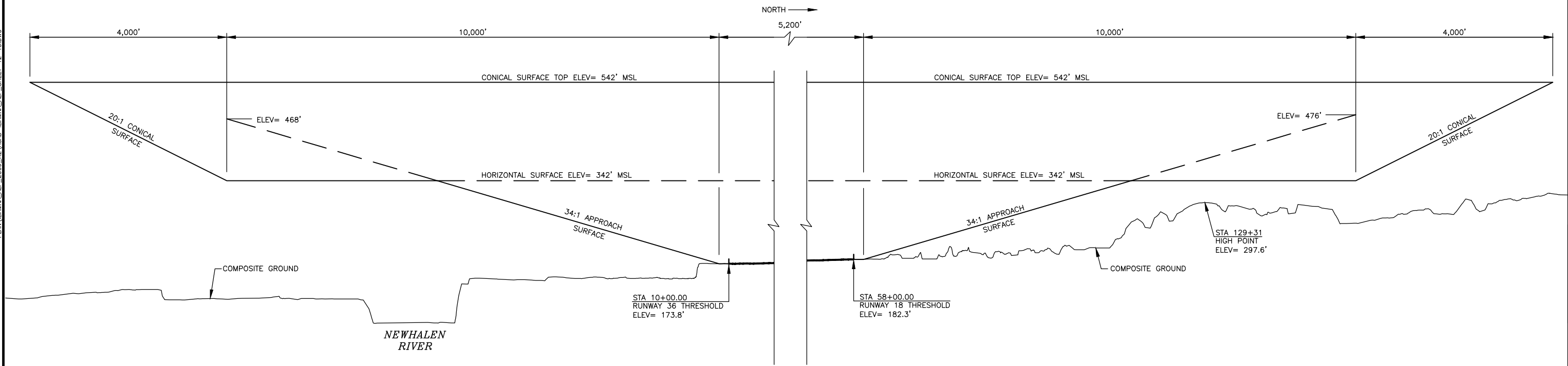
DATE:
 05-02-08
 SHEET:
 12
 OF
 15

PK	DATE	REVISION
10/31/23	CHANGED RUNWAY DESIGNATORS	

Date Plotted: 11/2/2023 1:55 PM, S:\projects, Michael R. (DOT)
 Layout Name: ILIAMNA AIRPORT LAYOUT PLAN, ILIAMNA, ALP, 2009, ILIAMNA, ALP, 2009, R2, AIRPORT LAYOUT
 File Name: ILIAMNA, ALP, 2009, R2, AIRPORT LAYOUT PLAN, ILIAMNA, ALP, SHEET-12-15.DWG
 Designed By: DC
 Drawn By: DC
 Checked By: CS



RUNWAY 8/26 PROFILE



RUNWAY 18/36 PROFILE



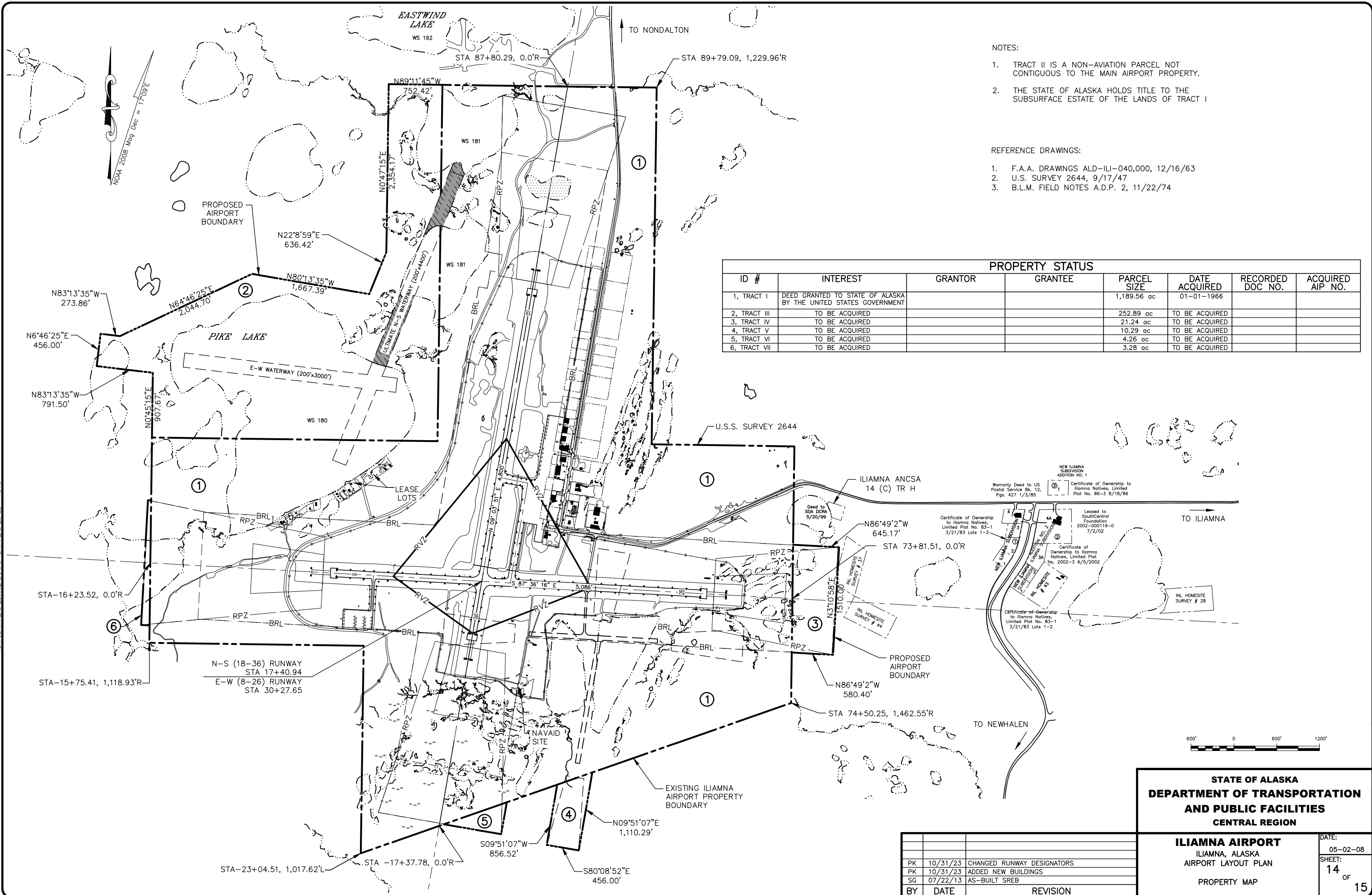
PK	DATE	REVISION
10/31/23	CHANGED RUNWAY DESIGNATORS	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

ILIAMNA AIRPORT
 ILIAMNA, ALASKA
 AIRPORT LAYOUT PLAN
 AIRPORT AIRSPACE 14 CFR,
 PART 77 PROFILES

DATE: 05-02-08
 SHEET: 13 OF 15

Date Plotted: 11/2/2023 1:59 PM, Spross, Michael R. (DOT)
 Layout Name: ILIAMNA AIRPORT LAYOUT PLAN (ILIAMNA_ALP_2009)_RPZ_AIRPORT_LAYOUT
 File Name: PLAN ILIAMNA_ALP_2009_RZKAD-ILIAMNA_ALP-SHEET-14.DWG
 Designed By: DC
 Drawn By: DC
 Checked By: CS



- NOTES:
- TRACT II IS A NON-AVIATION PARCEL NOT CONTIGUOUS TO THE MAIN AIRPORT PROPERTY.
 - THE STATE OF ALASKA HOLDS TITLE TO THE SUBSURFACE ESTATE OF THE LANDS OF TRACT I

- REFERENCE DRAWINGS:
- F.A.A. DRAWINGS ALD-ILI-040,000, 12/16/63
 - U.S. SURVEY 2644, 9/17/47
 - B.L.M. FIELD NOTES A.D.P. 2, 11/22/74

ID #	INTEREST	GRANTOR	GRANTEE	PARCEL SIZE	DATE ACQUIRED	RECORDED DOC NO.	ACQUIRED AIP NO.
1, TRACT I	DEED GRANTED TO STATE OF ALASKA BY THE UNITED STATES GOVERNMENT			1,189.56 ac	01-01-1966		
2, TRACT III	TO BE ACQUIRED			252.89 ac	TO BE ACQUIRED		
3, TRACT IV	TO BE ACQUIRED			21.24 ac	TO BE ACQUIRED		
4, TRACT V	TO BE ACQUIRED			10.29 ac	TO BE ACQUIRED		
5, TRACT VI	TO BE ACQUIRED			4.26 ac	TO BE ACQUIRED		
6, TRACT VII	TO BE ACQUIRED			3.28 ac	TO BE ACQUIRED		

BY	DATE	REVISION
PK	10/31/23	CHANGED RUNWAY DESIGNATORS
PK	10/31/23	ADDED NEW BUILDINGS
SG	07/22/13	AS-BUILT SREB

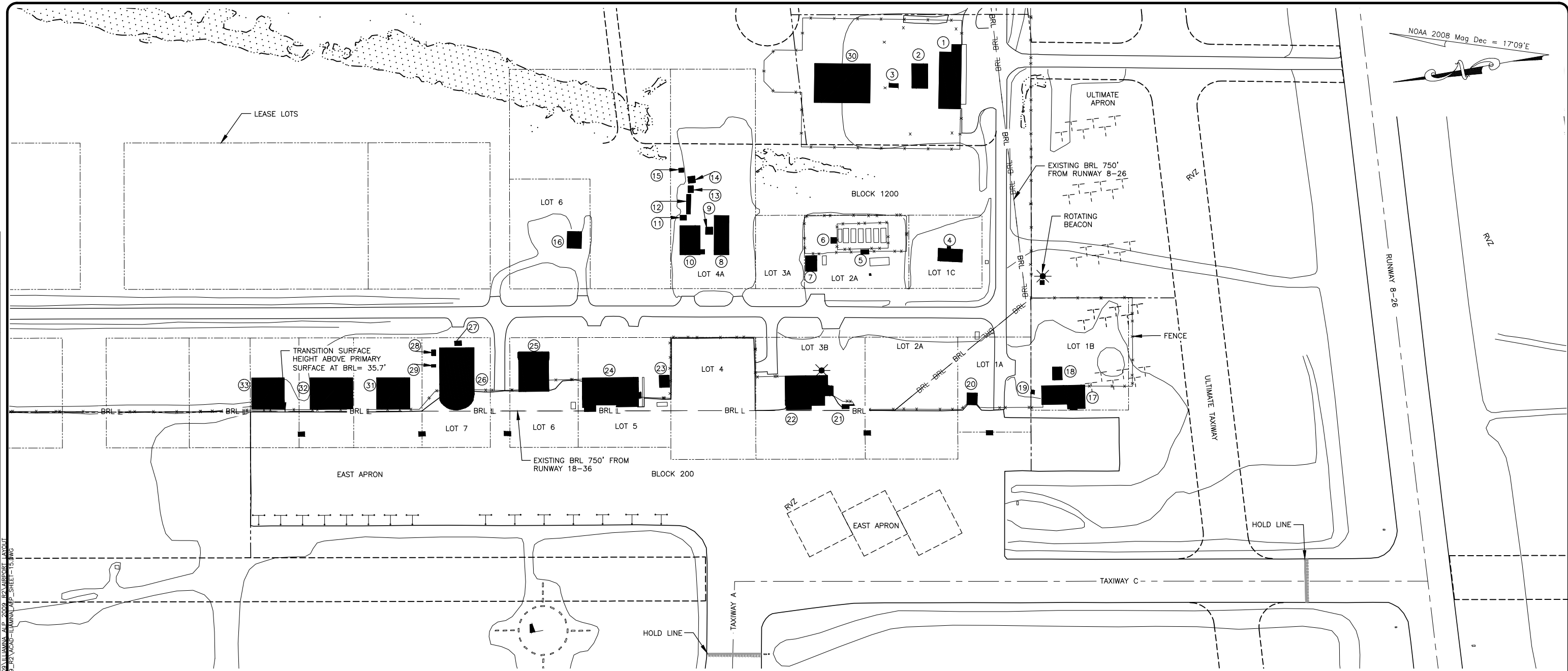
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

ILIAMNA AIRPORT
 ILIAMNA, ALASKA
 AIRPORT LAYOUT PLAN
 PROPERTY MAP

DATE: 05-02-08
 SHEET: 14 OF 15



Date Plotted: 11/2/2023 2:00 PM, Spross, Michael R. (DOT)
 Layout Name: ILLIUMNA AIRPORT LAYOUT
 File Name: P:\I\I\AIRPORT\ILLIUMNA AIRPORT LAYOUT\2023\ILLIUMNA AIRPORT LAYOUT\PLAN\ILLIUMNA_AIP_2023\ILLIUMNA_AIP_2023_TAXIWAY_LAYOUT_SHEET-TS1.DWG
 Designed By: DC
 Drawn By: DC
 Checked By: CS



TERMINAL AREA BUILDING TABLE

No.	DESCRIPTION	TOP * ELEVATION	STATION	OFFSET	LOT	BLOCK	OBSTRUCTION MARKING	COMMENTS
1	ARFF BUILDING	188.0'	45+67.98	827.81' L			NONE	
2	ADOT BUILDING	187.1'	45+77.47	895.52' L			NONE	
3	ADOT BUILDING	187.4'	45+64.72	957.46' L			NONE	
4	BUILDING	190.5'	27+65.57	1055.12' R	1C	1200	NONE	
5	FUEL DISPENSER	192.1'	29+39.67	1070.28' R	2A	1200	NONE	
6	STORAGE BUILDING	192.1'	30+03.80	1092.79' R	2A	1200	NONE	
7	BUILDING	192.2'	30+49.92	1035.54' R	2A	1200	NONE	
8	CORE SHED	192.4'	32+33.77	1069.49' R	4A	1200	NONE	
9	OUT BUILDING	191.7'	32+58.80	1111.56' R	4A	1200	NONE	
10	SHOP BUILDING	194.2'	32+97.89	1069.67' R	4A	1200	NONE	
11	STORAGE BUILDING	194.1'	33+11.69	1140.54' R	4A	1200	NONE	
12	STORAGE BUILDING	192.4'	33+01.16	1153.40' R	4A	1200	NONE	
13	STORAGE BUILDING	189.5'	32+96.28	1197.42' R	4A	1200	NONE	
14	STORAGE BUILDING	189.2'	32+93.78	1216.99' R	4A	1200	NONE	
15	STORAGE BUILDING	188.3'	33+15.59	1238.85' R	4A	1200	NONE	
16	STORE	192.2'	35+35.66	1083.40' R	6	1200	NONE	
17	HOTEL	197.2'	25+12.52	750.09' R	1B	200	NONE	189.1' ELEV. TO BUILDING PEAK; BUILDING TO BE REMOVED
18	OUT BUILDING	194.0'	25+45.77	811.90' R	1B	200	NONE	BUILDING TO BE REMOVED
19	OUT BUILDING	195.2'	25+96.97	783.33' R	1B	200	NONE	BUILDING TO BE REMOVED
20	GARAGE	198.6'	27+20.83	761.13' R	1A	200	NONE	BUILDING TO BE REMOVED
21	FUEL SHACK	199.8'	29+74.96	753.55' R	3B	200	NONE	
22	FSS & HANGAR	201.1'	30+75.47	752.13' R	3B	200	NONE	205.3' ELEV. TO TOP OF TOWER, 214.36 TO TOP OF ANTENNA

TERMINAL AREA BUILDING TABLE (CONT'D)

No.	DESCRIPTION	TOP * ELEVATION	STATION	OFFSET	LOT	BLOCK	OBSTRUCTION MARKING	COMMENTS
23	BAGGAGE LEAN TO	200.8'	33+50.83	797.94' R	5	200	NONE	
24	TERMINAL & HANGAR	200.9'	34+87.02	748.94' R	5	200	NONE	
25	HANGAR	198.8'	36+18.57	790.08' R	6	200	NONE	
26	HANGAR	200.1'	37+76.09	752.10' R	7	200	NONE	
27	OUT BUILDING	198.7'	37+73.59	884.35' R	7	200	NONE	
28	OUT BUILDING	200.4'	38+23.91	863.90' R	7	200	NONE	
29	OUT BUILDING	200.1'	38+23.72	840.27' R	7	200	NONE	
30	SRE/SAND STORAGE BUILDING	181.2'	45+84.60	1012.35' R	7	1200	NONE	
31	HANGAR	181.2'	46+59.60	813.27' R	200		NONE	
32	HANGAR	181.2'	47+94.60	813.27' R	200		NONE	
33	HANGAR	181.2'	49+19.60	813.27' R	200		NONE	

* TOP-OF-BUILDING ELEVATIONS ARE ESTIMATED BY ADDING 35' TO THE GROUND SURFACE ELEVATION LOCATED IN FRONT OF EACH BUILDING

STATION & OFFSET ARE TO THE CENTER OF THE BUILDING FACE CLOSEST TO THE RUNWAY

BUILDINGS 1-3 REFERENCED TO RUNWAY 8-26
 BUILDINGS 4-29 REFERENCED TO RUNWAY 18-36



PK	DATE	REVISION
PK	10/31/23	ADDED HANGARS TO E. RAMP
PK	10/31/23	CHANGED RUNWAY DESIGNATORS
SG	07/22/13	AS-BUILT SREB

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

ILLIAMNA AIRPORT
 ILLIAMNA, ALASKA
 AIRPORT LAYOUT PLAN

TERMINAL AREA

DATE: 05-02-08
 SHEET: 15 OF 15