



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

Alaskan Region Airports Division

222 W. 7<sup>th</sup> Avenue, #14  
Anchorage, Alaska 99513-7587  
Tel. (907) 271-5438 / Fax (907) 271-2851

July 27, 2023

Tadd Isaacson, P.E.  
ADOT&PF Aviation Design  
4111 Aviation Ave  
Anchorage, AK 99519-6900

Dear Mr. Isaacson:

**Toksook Bay Airport  
Toksook Bay, Alaska  
As-Built Airport Layout Plan (May 2023)  
(Original ALP Airspace # 2019-AAL-9-NRA)**

We have completed our review of the Toksook Bay Airport As-Built Airport Layout Plan (ALP) dated May 2023, and find it acceptable for documenting the existing conditions of the airport.

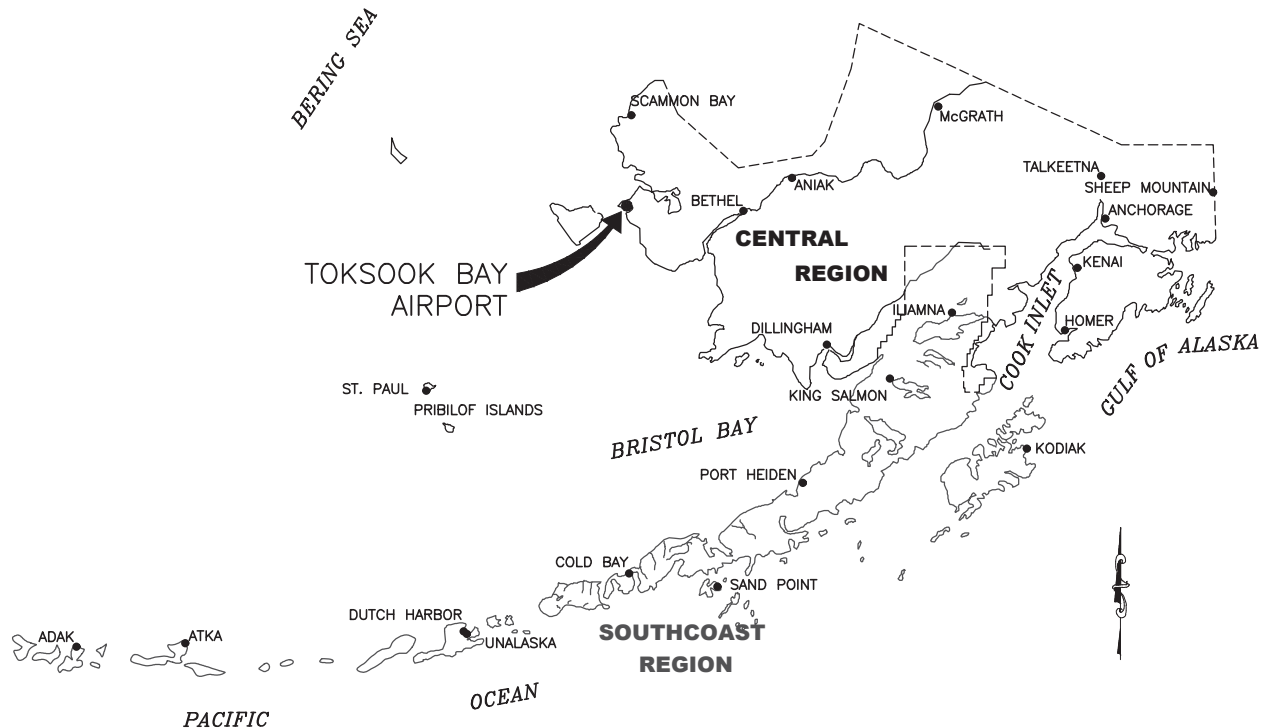
Please retain this letter in your files for future reference.

Sincerely,

Pat Zettler, P.E., Lead Engineer  
Airports Division

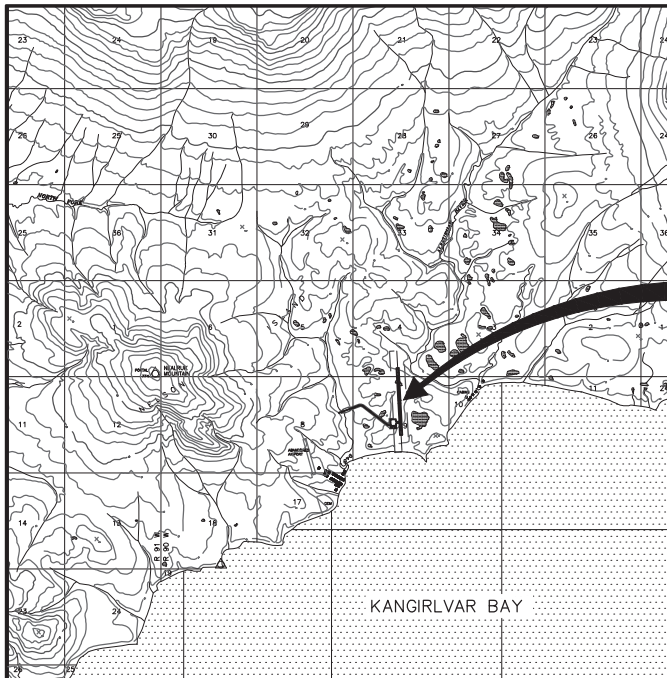
Designed By: JLM  
 Drawn By: RJB  
 Checked By: MHH

Date Plotted: 5/08/2023, 11:24 AM  
 Layout Name: Toksook Bay AIP asbuilt - Cover  
 File Name: W:\Projects\Toksook Bay\AIP\Airport\_Layout\Pln\GND\Toksook Bay AIP asbuilt.dwg

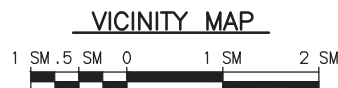


## ALASKA CENTRAL REGION LOCATION MAP

NOT TO SCALE



TOKSOOK BAY  
AIRPORT



# TOKSOOK BAY AIRPORT AIRPORT LAYOUT PLAN

## TOKSOOK BAY, ALASKA

LEGEND		
ITEM	EXISTING	ULTIMATE
AIRPORT REFERENCE POINT (A.R.P.)		
ANTENNA		
APPROACH SURFACE		
BUILDINGS		
BUILDING RESTRICTION LINE		
DEPARTURE SURFACE		
FAA WEATHER STATION		
FENCE		
PAPI		
PROPERTY LINE		
REIL		
ROADWAYS		
ROTATING BEACON		
RUNWAY OBJECT FREE AREA		
RUNWAY OBSTACLE FREE ZONE		
RUNWAY PROTECTION ZONE		
RUNWAY SAFETY AREA		
RUNWAY VISIBILITY ZONE		
SEGMENTED CIRCLE		
SHORELINE		
SURVEY MONUMENT		
THRESHOLD MARKERS/LIGHTS		
THRESHOLD SITING SURFACE		
TOPOGRAPHIC CONTOURS		
UTILITY POLE		
WATER BODY		
WIND CONE		
WIND TURBINE		

DRAWING INDEX	
SHEET No.	SHEET TITLE
1	COVER
2	AIRPORT DATA
3	WIND ROSES
4	EXISTING LAYOUT
5	ULTIMATE LAYOUT
6	EXISTING INNER PORTION OF THE APPROACH SURFACE - RUNWAY 16
7	EXISTING INNER PORTION OF THE APPROACH SURFACE - RUNWAY 34
8	EXISTING DEPARTURE SURFACE RUNWAY 16
9	ULTIMATE INNER PORTION OF THE APPROACH SURFACE - RUNWAY 16
10	ULTIMATE INNER PORTION OF THE APPROACH SURFACE - RUNWAY 34
11	ULTIMATE DEPARTURE SURFACE RUNWAY 16 / 34
12	ULTIMATE INNER PORTION OF THE APPROACH SURFACE - RUNWAY 10
13	ULTIMATE INNER PORTION OF THE APPROACH SURFACE - RUNWAY 28
14	RUNWAY PROFILES
15	AIRPORT AIRSPACE, 14 CFR, PART 77
16	AIRPORT PROPERTY MAP

LW	05/2023	AS-BUILTS PER CFAP00111
BY	DATE	REVISION

<b>APPROVED:</b> PREVIOUSLY SIGNED <b>WOLFGANG E. JUNGE, P.E.</b> RECOMMENDED: PREVIOUSLY SIGNED <b>LUKE S. BOWLAND, P.E.</b>	<b>DATE:</b> 4/30/2019 <b>PRECONSTRUCTION ENGINEER</b> <b>DATE:</b> 4/30/2019 <b>AVIATION DESIGN GROUP CHIEF</b>
AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO ALP APPROVAL LETTER DATED 5/1/19 FAA AIRSPACE REVIEW NUMBER: 2019-AAL-9-NRA <b>As-Built Accepted</b> <b>PATRICK J ZETTLER</b> Digitally signed by PATRICK J ZETTLER DATE: 2023.07.27 14:40:19 FAA, AIRPORTS DIVISION ALASKAN REGION, AKAL	

<b>STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION</b>	
<b>TOKSOOK BAY AIRPORT</b> TOKSOOK BAY, ALASKA AIRPORT LAYOUT PLAN	DATE: 4/29/2019 SHEET: 1 OF 16
COVER	

Date Plotted: 5/06/2023, 11:24 AM  
 Layout Name: Toksook Bay ALP.asbui1 - Airport Data 2  
 File Name: W:\Projects\Toksook Bay\ALP\Toksook Bay\_VLP\Toksook Bay\_VLP\Airport Layout\_Plan\GDU\Toksook Bay ALP.asbui1.dwg  
 Designed By: JLM  
 Drawn By: RJB  
 Checked By: MHH

AIRPORT DATA		
ITEM	EXISTING	ULTIMATE
ICAO IDENTIFIER	PAOO	PAOO
NATIONAL AIRPORT IDENTIFIER	OOK	OOK
FAA SITE NUMBER	50766.4*A	50766.4*A
AIRPORT ELEVATION NAVD88	71.0'	70.9'
AIRPORT REFERENCE CODE	A-II SMALL	A-II SMALL
MEAN MAX. TEMPERATURE, HOTTEST MONTH	54.5°F AUGUST	54.5°F AUGUST
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	10.22' E, 2017, 0.17' W/YEAR	
CRITICAL AIRCRAFT OR AIRCRAFT GROUP	A-II SMALL	A-II SMALL
AIRPORT AND TERMINAL NAVIGATION AIDS	GPS, BEACON	GPS, BEACON
MISCELLANEOUS FACILITIES	WEATHER STATION, LIGHTED WIND CONE, SEG CIRCLE	WEATHER STATION, LIGHTED WIND CONE, SEG CIRCLE
NPIAS SERVICE LEVEL	CS	CS
STATE EQUIVALENT SERVICE ROLE	COMMUNITY OFF ROAD	COMMUNITY OFF ROAD

GEOGRAPHIC COORDINATES		
ITEM	EXISTING	ULTIMATE
AIRPORT REFERENCE POINT (ARP)		
LATITUDE	60° 32' 28.81" N	60° 32' 29.05" N
LONGITUDE	165° 05' 13.86" W	165° 05' 08.55" W
THRESHOLD RW 16		
LATITUDE	60° 32' 44.54" N	60° 32' 44.54" N
LONGITUDE	165° 05' 15.59" W	165° 05' 15.59" W
STATION	54+00.00	54+00.00
ELEVATION	71.0'	71.0'
THRESHOLD RW 34		
LATITUDE	60° 32' 13.08" N	60° 32' 13.08" N
LONGITUDE	165° 05' 12.14" W	165° 05' 12.14" W
STATION	22+00.00	22+00.00
ELEVATION	49.2'	49.2'
THRESHOLD RW 10		
LATITUDE	N/A	60° 32' 33.64" N
LONGITUDE	N/A	165° 05' 25.16" W
STATION	N/A	648+00
ELEVATION	N/A	60.8'
THRESHOLD RW 28		
LATITUDE	N/A	60° 32' 25.07" N
LONGITUDE	N/A	165° 04' 38.30" W
STATION	N/A	623+00.00
ELEVATION	N/A	60.8'

GEOGRAPHIC COORDINATE TABLE NOTES:  
 1. ALL LATITUDE/LONGITUDE COORDINATES ARE NAD83.  
 2. ALL ELEVATIONS ARE NAVD88.

PRIMARY AIRPORT CONTROL STATIONS			
POINT	LATITUDE	LONGITUDE	DESCRIPTION
1	60° 32' 44.41" N	165° 05' 17.76" W	CP 1
201	60° 32' 43.86" N	165° 05' 22.36" W	GPS NO.1 TOKSOOK
202	60° 32' 23.55" N	165° 05' 07.49" W	NO.2 TOKSOOK
203	60° 32' 05.27" N	165° 05' 17.74" W	GPS NO.3 TOKSOOK
401	60° 32' 17.88" N	165° 05' 23.96" W	CP 401
781	60° 32' 10.75" N	165° 05' 11.88" W	RUNWAY CL 19+63.40
782	60° 32' 46.87" N	165° 05' 15.84" W	RUNWAY CL 56+36.47

MODIFICATIONS TO STANDARDS					
ASN	DESCRIPTION	FAA STANDARDS	EXISTING CONDITION	PROPOSED ACTION	DATE APPROVED
	NONE REQUIRED				

RUNWAY DATA			
ITEM	EXISTING	ULTIMATE	ULTIMATE
RUNWAY IDENTIFIER	16 / 34	16 / 34	10 / 28
RUNWAY TYPE UTILITY OR OTHER THAN UTILITY	UTILITY	UTILITY	UTILITY
FAR PART 77 APPROACH CATEGORY (V, NPI, P)	V / NPI	NPI / NPI	V / V
FAR PART 77 VISIBILITY MINIMUM	VIS / 1 SM	1 SM / 1 SM	VIS / VIS
FAR PART 77 APPROACH SURFACES SLOPE	20:1 / 20:1	20:1 / 20:1	20:1 / 20:1
APPROACH TYPE (VIS, NPA, APV(NP), APV(P), PREC)	VIS / NPA	NPA / NPA	VIS / VIS
THRESHOLD SITING SURFACE SLOPE	20:1 / 20:1	20:1 / 20:1	20:1 / 20:1
RUNWAY DESIGN CODE	A/II/5,000 / A/II/5,000	A/II/5,000 / A/II/5,000	A/II/VIS / A/II/VIS
APPROACH RUNWAY REFERENCE CODE (APRC)	B/II/5,000 / B/II/5,000	B/II/5,000 / B/II/5,000	B/II/VIS / B/II/VIS
DEPARTURE RUNWAY REFERENCE CODE (DPRC)	B-II	B-II	B-II
RUNWAY SURFACE	GRAVEL	GRAVEL	GRAVEL
SURFACE TREATMENT	NONE	NONE	NONE
AIRPLANE GEAR CONFIG/PAVE STRENGTH (x1000 lbs)	N/A	N/A	N/A
PAVEMENT STRENGTH BY PCN	N/A	N/A	N/A
DESIGN AIRCRAFT (>60,000 lbs)	N/A	N/A	N/A
MAXIMUM ELEVATION	71.0'	71.0'	60.8'
TOUCHDOWN ZONE ELEVATION NAVD88	71.0' / 70.8'	71.0' / 70.8'	60.8' / 60.8'
EFFECTIVE GRADE	1.50%	1.50%	0.00%
MEAN GEODETIC BEARING	N 03° 05' 20.00" W	N 03° 05' 20.00" W	N 69° 35' 15.44" W
RUNWAY DIMENSIONS	75' X 3,200'	75' X 3,200'	75' X 2,500'
RUNWAY SAFETY AREA (RSA)	150' X 3,800'	150' X 3,800'	150' X 3,100'
RSA LENGTH BEYOND DEPARTURE END	300'	300'	300'
RSA LENGTH PRIOR TO THRESHOLD	300'	300'	300'
RUNWAY OBJECT FREE AREA (OFA)	500' X 3,800'	500' X 3,800'	500' X 3,100'
ROFA LENGTH BEYOND DEPARTURE END	300'	300'	300'
ROFA LENGTH PRIOR TO THRESHOLD	300'	300'	300'
RUNWAY OBSTACLE FREE ZONE (OFZ)	250' X 3,600'	250' X 3,600'	250' X 2,900'
PRECISION OBSTACLE FREE ZONE (POFZ)	N/A	N/A	N/A
RUNWAY PROTECTION ZONE (RPZ)	250' X 450' X 1000'	250' X 450' X 1,000'	250' X 450' X 1,000'
RUNWAY LIGHTING	MIRL	MIRL	MIRL
RUNWAY MARKING TYPE	NONE	NONE	NONE
RUNWAY NAVIGATION AIDS	REIL, PAPI / REIL, PAPI	REIL, PAPI / REIL, PAPI	REIL, PAPI / REIL, PAPI
AERONAUTICAL SURVEY TYPE REQUIRED	NVG	NVG	NVG
DEPARTURE SURFACE	YES/NO	YES	NO

NON STANDARD CONDITIONS					
DESCRIPTION	STANDARD	EXISTING	ULTIMATE	AIRSPACE	APPROVAL DATE

TAXIWAY DATA		
ITEM	EXISTING	ULTIMATE
AIRPLANE DESIGN GROUP	II	II
TAXIWAY DESIGN GROUP	1A	1A
TAXIWAY SURFACE	GRAVEL	GRAVEL
TAXIWAY DIMENSIONS	25' X 250'	25' X 250'
SHOULDER WIDTH	10'	10'
SAFETY AREA (TSA) WIDTH	79'	79'
EDGE SAFETY MARGIN (TESM)	N/A	N/A
OBJECT FREE AREA (TOFA) WIDTH	124'	124'
TAXIWAY LIGHTING	MITL	MITL
TAXIWAY MARKING	N/A	N/A

NOTES:  
 1. ALL ELEVATIONS & COORDINATES WITHIN EXISTING AIRPORT PROPERTY ARE BASED ON THE 2022 TOKSOOK BAY AIRPORT AND ACCESS ROAD REHABILITATION RIGHT-OF WAY ACQUISITION PLAN  
 2. RUNWAY MEETS LINE OF SIGHT REQUIREMENTS.  
 3. NO THRESHOLD SITING SURFACE PENETRATIONS.

LW	DATE	REVISION
05/2023		AS-BUILTS PER CFAPT00111

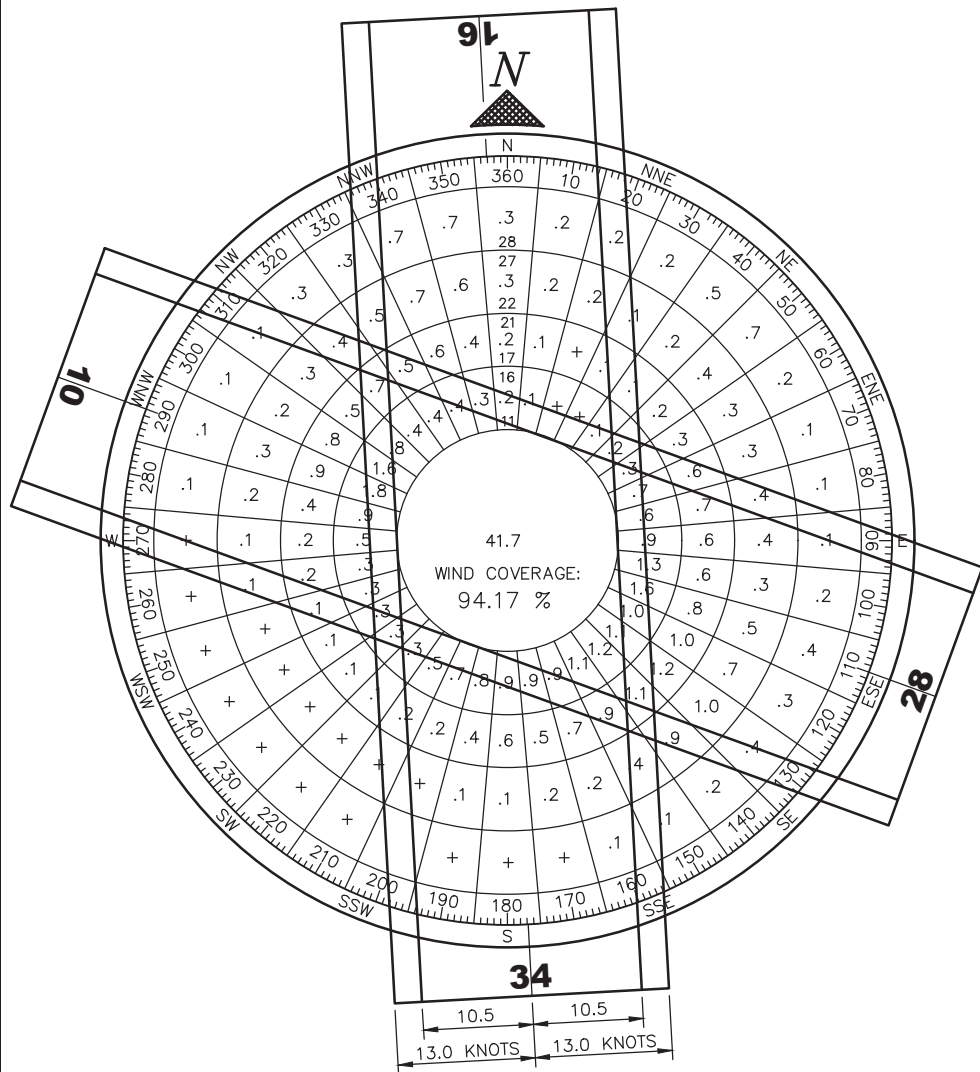
**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION**  
**AND PUBLIC FACILITIES**  
**CENTRAL REGION**

**TOKSOOK BAY AIRPORT**  
 TOKSOOK BAY, ALASKA  
 AIRPORT LAYOUT PLAN

DATE:  
 4/29/2019  
 SHEET:  
 2 OF 16

AIRPORT DATA

Date Plotted: 5/06/2023, 11:24 AM  
 Layout Name: Toksook Bay ALP asbuilt - Wind Roses 3  
 File Name: W:\Projects\Toksook Bay\ALP\Toksook Bay VLP\Toksook Bay ALP asbuilt.dwg  
 Designed By: JLM  
 Drawn By: RJB  
 Checked By: MHH

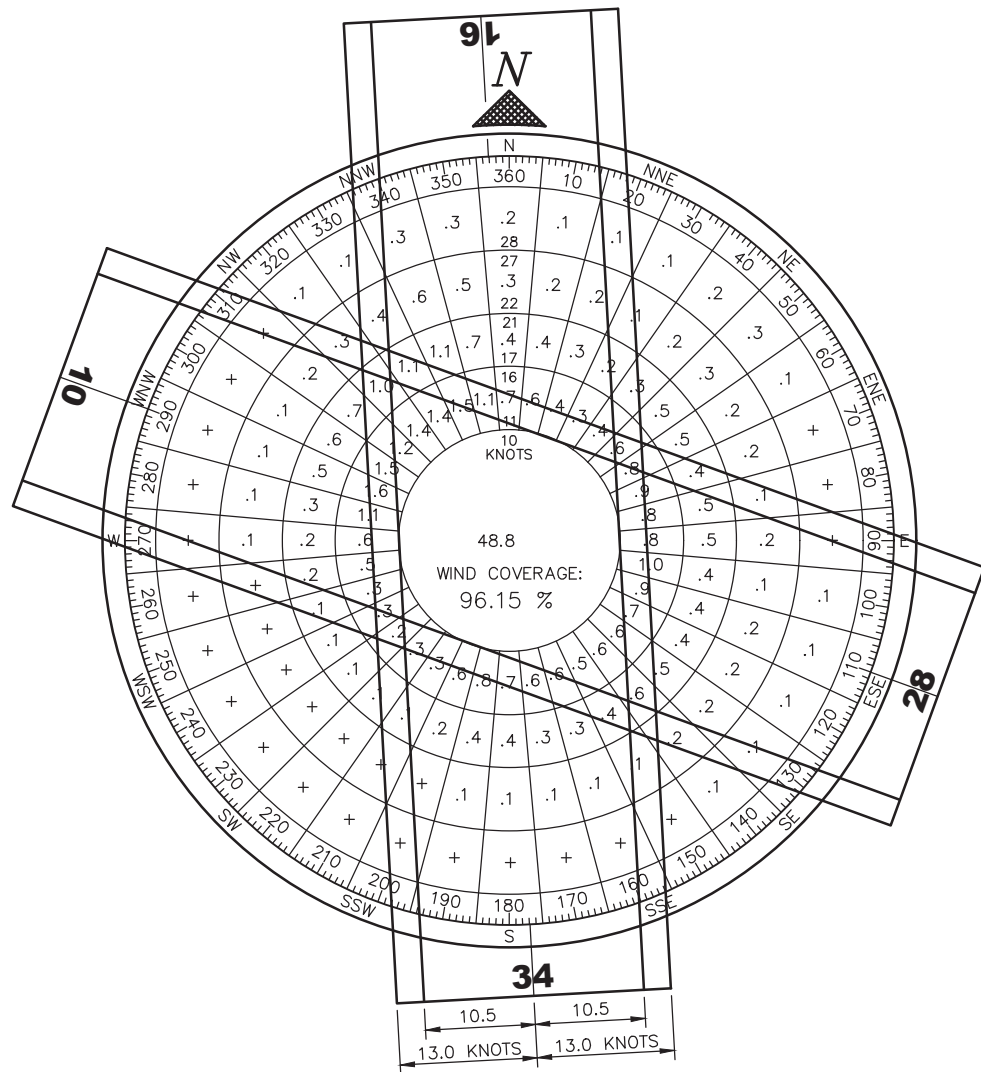


**WIND DATA**

NOTE: WIND SPEED IS INDICATED IN KNOTS.

IFR WIND DATA		
RUNWAY	10.5 KT	13 KT
RW 16/34	64.06%	73.53%
RW 10/28	74.52%	81.56%
COMBINED	89.61%	94.17%

SOURCE: TOKSOOK BAY WIND DATA  
 FAA GIS NATIONAL CLIMATE  
 DATA CENTER  
 AUGUST 10, 2018  
 PERIOD: 2008 - 2017

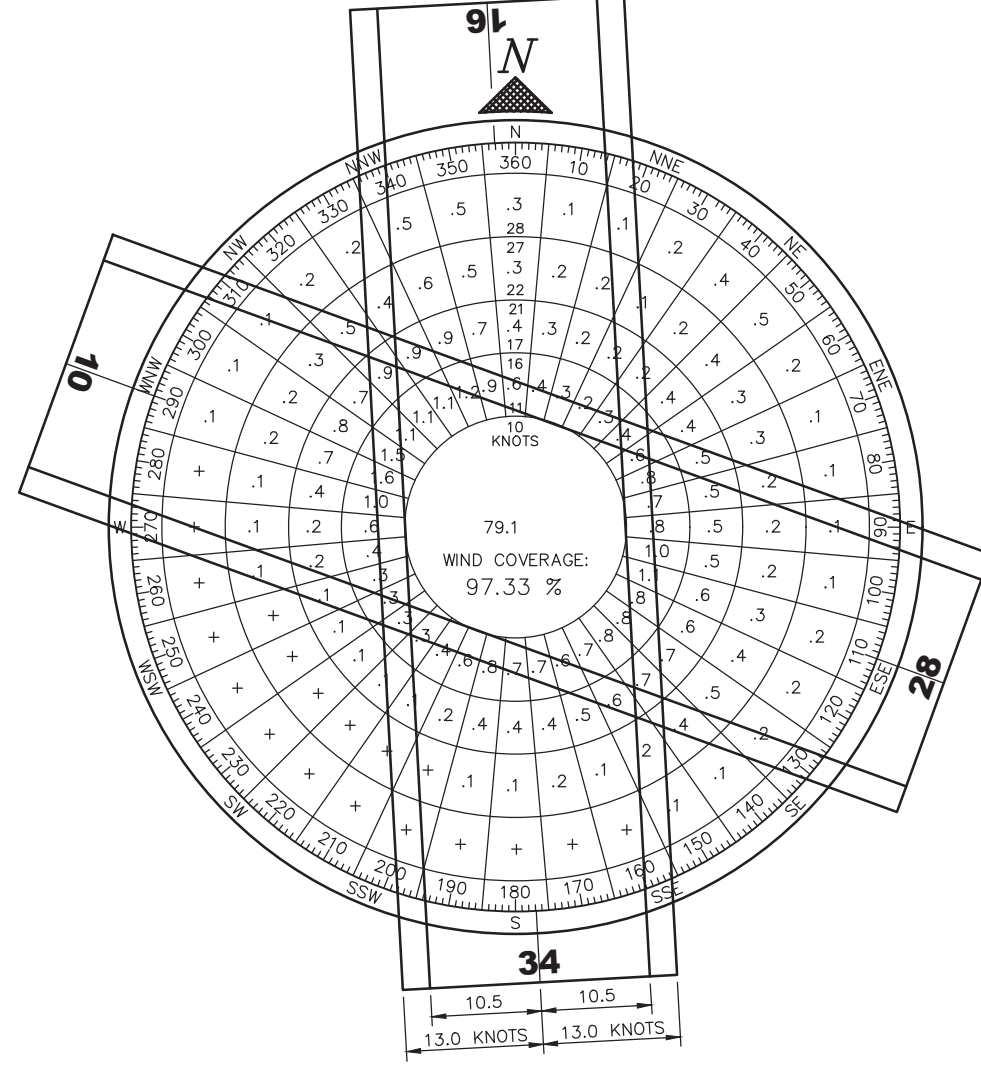


**WIND DATA**

NOTE: WIND SPEED IS INDICATED IN KNOTS.

VFR WIND DATA		
RUNWAY	10.5 KT	13 KT
RW 16/34	74.17%	82.83%
RW 10/28	75.56%	83.28%
COMBINED	92.54%	96.15%

SOURCE: TOKSOOK BAY WIND DATA  
 FAA GIS NATIONAL CLIMATE  
 DATA CENTER  
 AUGUST 10, 2018  
 PERIOD: 2008 - 2017



**WIND DATA**

NOTE: WIND SPEED IS INDICATED IN KNOTS.

ALL WEATHER WIND DATA		
RUNWAY	10.5 KT	13 KT
RW 16/34	69.89%	78.76%
RW 10/28	74.48%	81.96%
COMBINED	90.84%	94.88%

SOURCE: TOKSOOK BAY WIND DATA  
 FAA GIS NATIONAL CLIMATE  
 DATA CENTER  
 AUGUST 10, 2018  
 PERIOD: 2008 - 2017

BY	DATE	REVISION
LW	05/2023	AS-BUILTS PER CFAPT00111

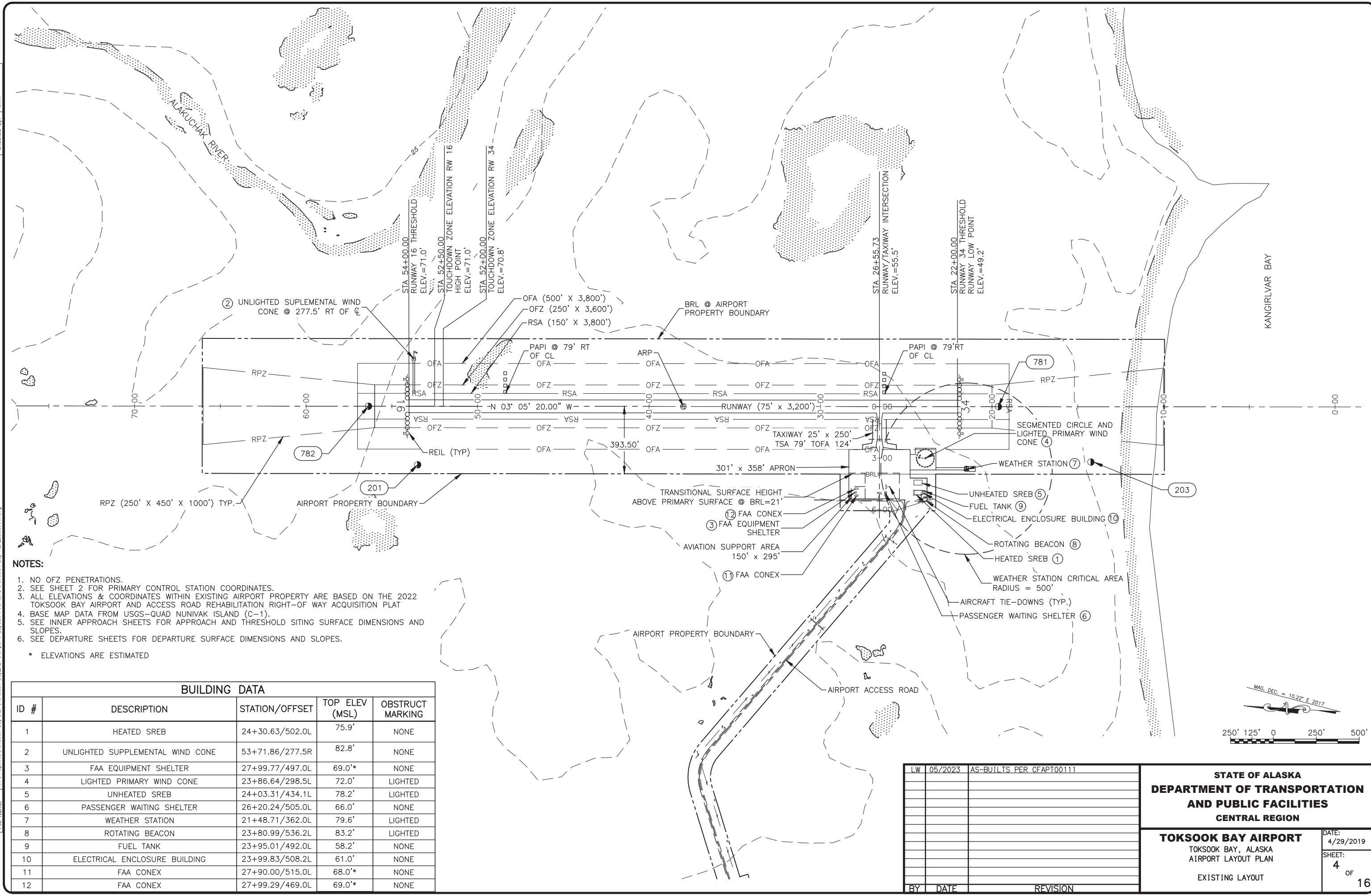
**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION**  
**AND PUBLIC FACILITIES**  
**CENTRAL REGION**

**TOKSOOK BAY AIRPORT**  
 TOKSOOK BAY, ALASKA  
 AIRPORT LAYOUT PLAN

WIND ROSES

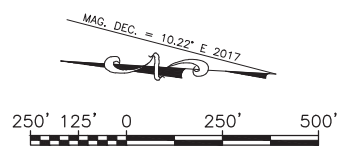
DATE:  
 4/29/2019  
 SHEET:  
 3 OF 16

Date Plotted: 5/08/2023, 11:24 AM  
 Layout Name: Toksook Bay ALP asbuilt - Existing Layout\_4  
 File Name: W:\Projects\Toksook Bay\ALP\Airport Layout\Layout\_Plan\GAD\Toksook Bay ALP asbuilt.dwg  
 Designed By: JLM  
 Drawn By: RJB  
 Checked By: MHH



- NOTES:**
1. NO OFZ PENETRATIONS.
  2. SEE SHEET 2 FOR PRIMARY CONTROL STATION COORDINATES.
  3. ALL ELEVATIONS & COORDINATES WITHIN EXISTING AIRPORT PROPERTY ARE BASED ON THE 2022 TOKSOOK BAY AIRPORT AND ACCESS ROAD REHABILITATION RIGHT-OF WAY ACQUISITION PLAT
  4. BASE MAP DATA FROM USGS-QUAD NUNIVAK ISLAND (C-1).
  5. SEE INNER APPROACH SHEETS FOR APPROACH AND THRESHOLD SITING SURFACE DIMENSIONS AND SLOPES.
  6. SEE DEPARTURE SHEETS FOR DEPARTURE SURFACE DIMENSIONS AND SLOPES.
- \* ELEVATIONS ARE ESTIMATED

BUILDING DATA				
ID #	DESCRIPTION	STATION/OFFSET	TOP ELEV (MSL)	OBSTRUCT MARKING
1	HEATED SREB	24+30.63/502.0L	75.9'	NONE
2	UNLIGHTED SUPPLEMENTAL WIND CONE	53+71.86/277.5R	82.8'	NONE
3	FAA EQUIPMENT SHELTER	27+99.77/497.0L	69.0*	NONE
4	LIGHTED PRIMARY WIND CONE	23+86.64/298.5L	72.0'	LIGHTED
5	UNHEATED SREB	24+03.31/434.1L	78.2'	LIGHTED
6	PASSENGER WAITING SHELTER	26+20.24/505.0L	66.0'	NONE
7	WEATHER STATION	21+48.71/362.0L	79.6'	LIGHTED
8	ROTATING BEACON	23+80.99/536.2L	83.2'	LIGHTED
9	FUEL TANK	23+95.01/492.0L	58.2'	NONE
10	ELECTRICAL ENCLOSURE BUILDING	23+99.83/508.2L	61.0'	NONE
11	FAA CONEX	27+90.00/515.0L	68.0*	NONE
12	FAA CONEX	27+99.29/469.0L	69.0*	NONE



BY	DATE	REVISION
LW	05/2023	AS-BUILTS PER CFAPT00111

**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION**  
**AND PUBLIC FACILITIES**  
**CENTRAL REGION**

**TOKSOOK BAY AIRPORT**  
 TOKSOOK BAY, ALASKA  
 AIRPORT LAYOUT PLAN

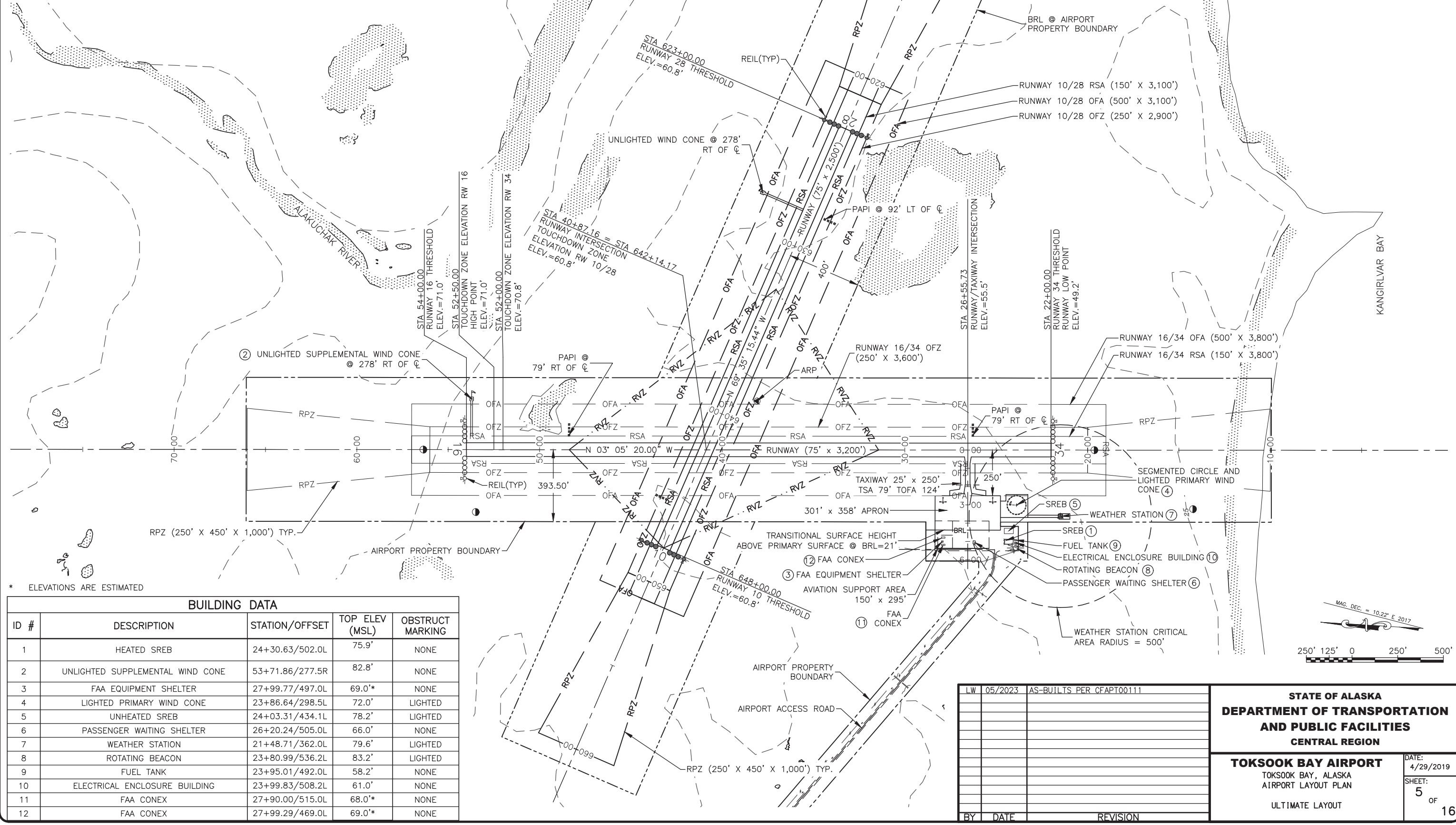
DATE:  
4/29/2019  
 SHEET:  
4 OF 16

EXISTING LAYOUT

Date Plotted: 5/08/2023, 11:24 AM  
 Layout Name: Toksook Bay ALP asbuilt - Ultimate Layout.5  
 File Name: W:\Projects\Toksook Bay\ALP\Airport Layout\Plen\GAD\Toksook Bay ALP asbuilt.dwg  
 Designed By: JLM  
 Drawn By: RJB  
 Checked By: MHH

**NOTES:**

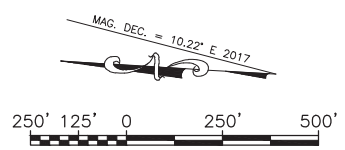
1. NO RVZ OBSTRUCTIONS.
2. NO OFZ PENETRATIONS.
3. SEE SHEET 2 FOR PRIMARY CONTROL STATION COORDINATES.
4. ALL ELEVATIONS & COORDINATES WITHIN EXISTING AIRPORT PROPERTY ARE BASED ON THE 2022 TOKSOOK BAY AIRPORT AND ACCESS ROAD REHABILITATION RIGHT-OF WAY ACQUISITION PLAT
5. BASE MAP DATA FROM USGS-QUAD NUNIVAK ISLAND (C-1).
6. ELEVATIONS ASSOCIATED WITH CROSSWIND RUNWAY ARE ESTIMATES BASED ON THE 2017 RECORD OF SURVEY.
7. SEE INNER APPROACH SHEETS FOR APPROACH AND THRESHOLD SITING SURFACE DIMENSIONS AND SLOPES.
8. SEE DEPARTURE SHEETS FOR DEPARTURE SURFACE DIMENSIONS AND SLOPES.



\* ELEVATIONS ARE ESTIMATED

**BUILDING DATA**

ID #	DESCRIPTION	STATION/OFFSET	TOP ELEV (MSL)	OBSTRUCT MARKING
1	HEATED SREB	24+30.63/502.0L	75.9'	NONE
2	UNLIGHTED SUPPLEMENTAL WIND CONE	53+71.86/277.5R	82.8'	NONE
3	FAA EQUIPMENT SHELTER	27+99.77/497.0L	69.0*	NONE
4	LIGHTED PRIMARY WIND CONE	23+86.64/298.5L	72.0'	LIGHTED
5	UNHEATED SREB	24+03.31/434.1L	78.2'	LIGHTED
6	PASSENGER WAITING SHELTER	26+20.24/505.0L	66.0'	NONE
7	WEATHER STATION	21+48.71/362.0L	79.6'	LIGHTED
8	ROTATING BEACON	23+80.99/536.2L	83.2'	LIGHTED
9	FUEL TANK	23+95.01/492.0L	58.2'	NONE
10	ELECTRICAL ENCLOSURE BUILDING	23+99.83/508.2L	61.0'	NONE
11	FAA CONEX	27+90.00/515.0L	68.0*	NONE
12	FAA CONEX	27+99.29/469.0L	69.0*	NONE



LW	DATE	REVISION
	05/2023	AS-BUILTS PER CFAPT00111

**STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
CENTRAL REGION**

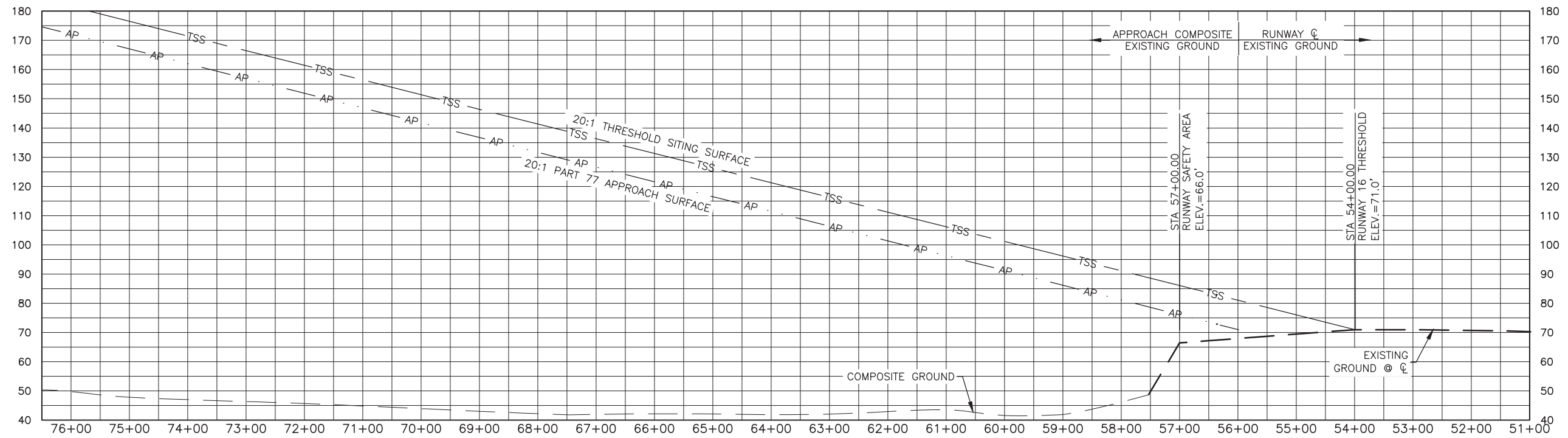
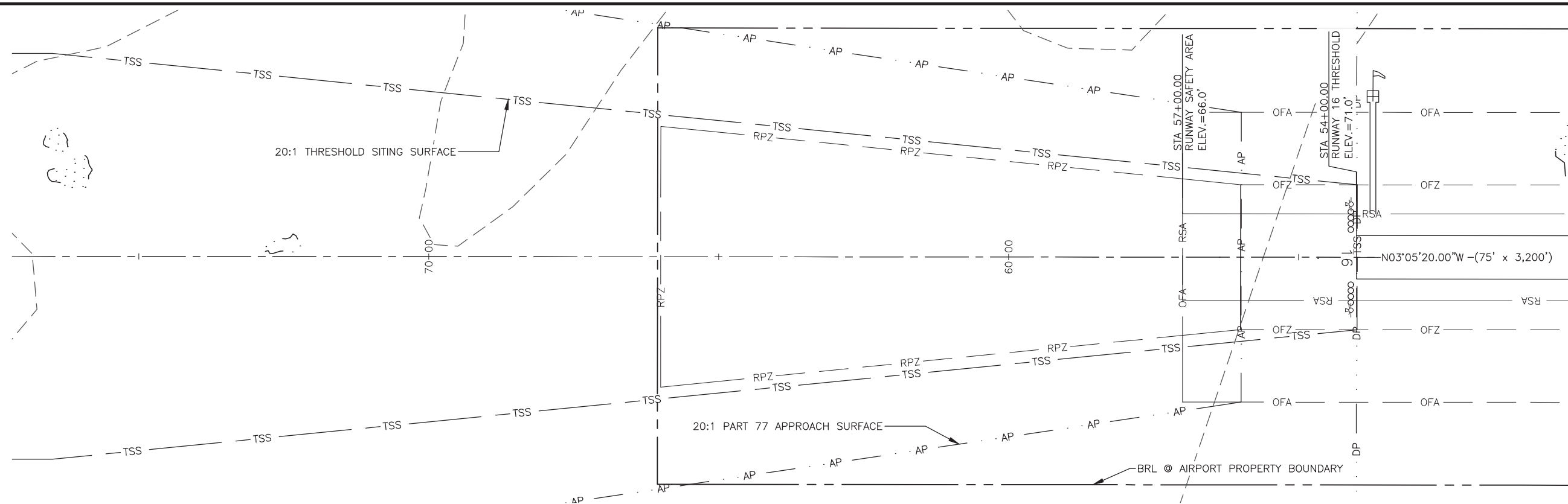
**TOKSOOK BAY AIRPORT**  
TOKSOOK BAY, ALASKA  
AIRPORT LAYOUT PLAN

ULTIMATE LAYOUT

DATE:  
4/29/2019  
SHEET:  
5 OF  
16

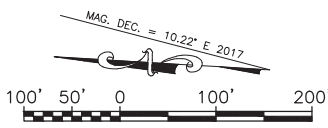
Date Plotted: 5/08/2023, 11:24 AM  
 Layout Name: Toksook Bay ALP asbuilt - Existing Inner Approach Runway 16 6  
 File Name: W:\Projects\Toksook Bay\ALP\Airport Layout\Plen\G00\Toksook Bay ALP asbuilt.dwg

Designed By: JLM  
 Drawn By: RJB  
 Checked By: MHH



**RUNWAY 16 INNER APPROACH**

- NOTES:**
1. ALL ELEVATIONS & COORDINATES WITHIN EXISTING AIRPORT PROPERTY ARE BASED ON THE 2022 TOKSOOK BAY AIRPORT AND ACCESS ROAD REHABILITATION RIGHT-OF WAY ACQUISITION PLAT
  2. BASE MAP DATA FROM USGS-QUAD NUNIVAK ISLAND (C-1).
  3. THE COMPOSITE PROFILE ELEVATIONS ARE ESTIMATES BASED ON THE BASEMAP DATA.
  4. THRESHOLD SITING CRITERIA IS BASED ON ENGINEERING BRIEF 99 TO AC 150/5300-13A TABLE 3-2, LINES 2 & 4.
  5. NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
  6. NO PART 77 APPROACH SURFACE OBJECT PENETRATIONS.



LW	DATE	REVISION
05/2023	AS-BUILTS PER CFAPT00111	

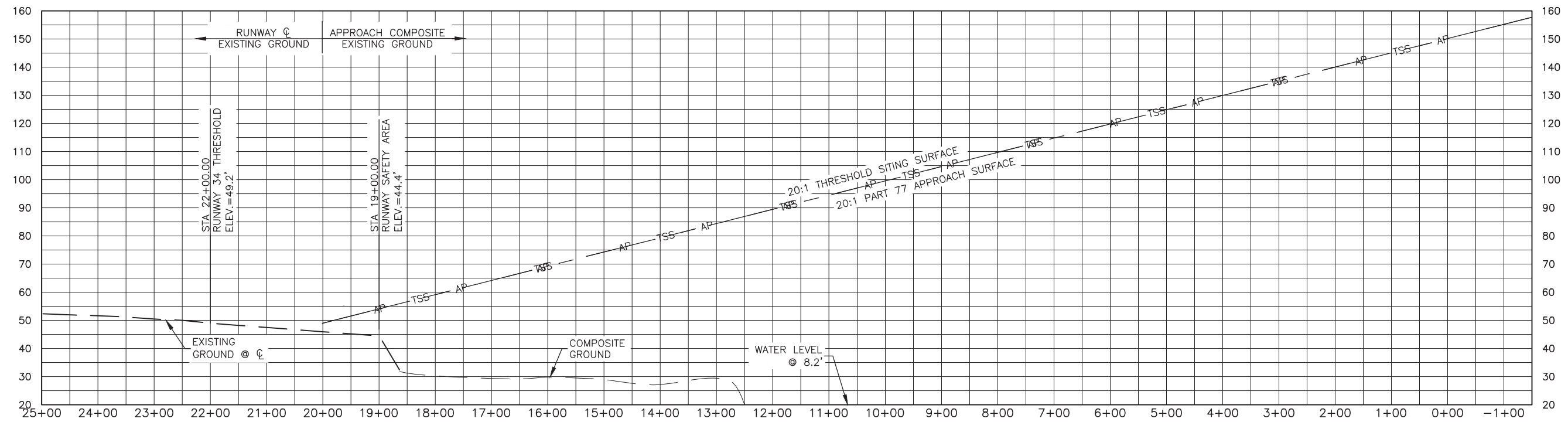
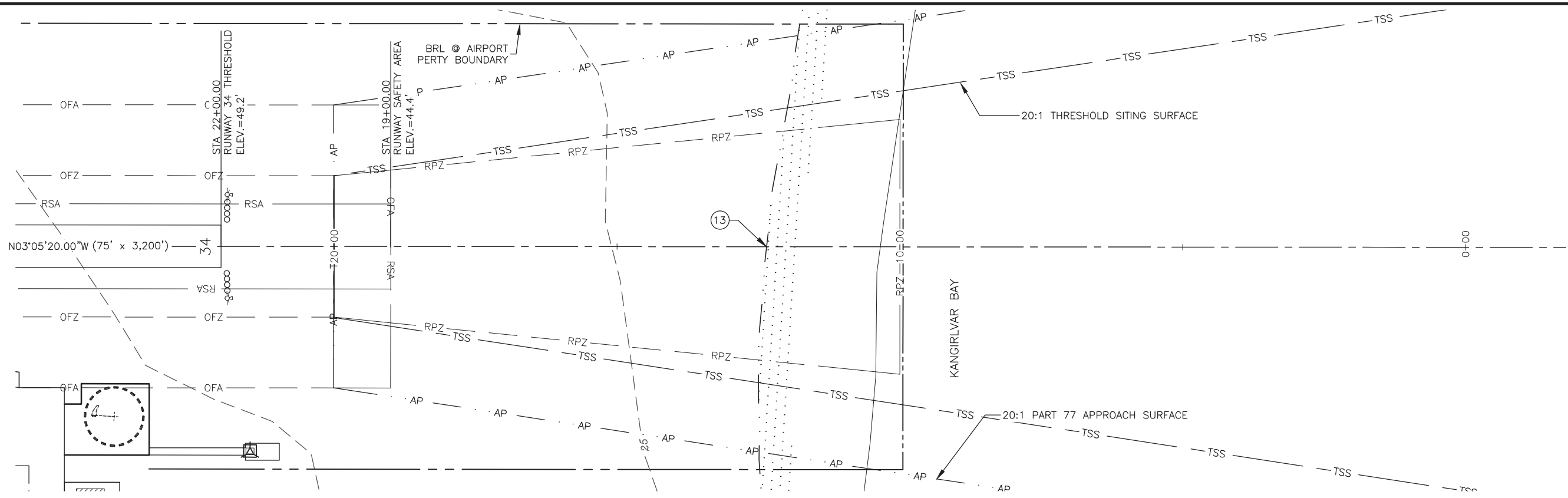
**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES**  
**CENTRAL REGION**

**TOKSOOK BAY AIRPORT**  
 TOKSOOK BAY, ALASKA  
 AIRPORT LAYOUT PLAN

EXISTING INNER PORTION OF THE APPROACH SURFACE - RUNWAY 16

DATE: 4/29/2019  
 SHEET: 6 OF 16

Date Plotted: 5/08/2023, 11:24 AM  
 Layout Name: Toksook Bay ALP asbuilt - Existing Inner Approach Runway 34  
 File Name: W:\Projects\Toksook Bay\ALP\Airport Layout Plan\QUAD\Toksook Bay ALP asbuilt.dwg  
 Designed By: JLM  
 Drawn By: RJB  
 Checked By: MHH



**NOTES:**

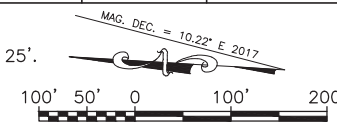
- ALL ALL ELEVATIONS & COORDINATES WITHIN EXISTING AIRPORT PROPERTY ARE BASED ON THE 2022 TOKSOOK BAY AIRPORT AND ACCESS ROAD REHABILITATION RIGHT-OF WAY ACQUISITION PLAT
- BASE MAP DATA FROM USGS-QUAD NUNIVAK ISLAND (C-1).
- THE COMPOSITE PROFILE ELEVATIONS ARE ESTIMATES BASED ON THE BASEMAP DATA.
- THRESHOLD SITING CRITERIA IS BASED ON ENGINEERING BRIEF 99 TO AC 150/5300-13A TABLE 3-2, LINES 2 & 4.
- NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
- NO PART 77 APPROACH SURFACE OBJECT PENETRATIONS.

**RUNWAY 34 INNER APPROACH**

INNER APPROACH OBSTRUCTIONS (RUNWAY 34) EXISTING						
ID #	DESCRIPTION	STATION/OFFSET	GROUND ELEVATION	ABOVE GROUND LEVEL	TOP ELEVATION	OBSTRUCTION MARKING
13	OCEAN ±25'	12+35.63, 0.0' RT	8.2'	25'	33.2'	NONE

**NOTES:**

- ABOVE GROUND LEVEL HEIGHT FOR OCEAN ASSUMES A BARGE HEIGHT OF 25'.



LW	DATE	REVISION
	05/2023	AS-BUILTS PER CFAPT00111

**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION**  
**AND PUBLIC FACILITIES**  
**CENTRAL REGION**

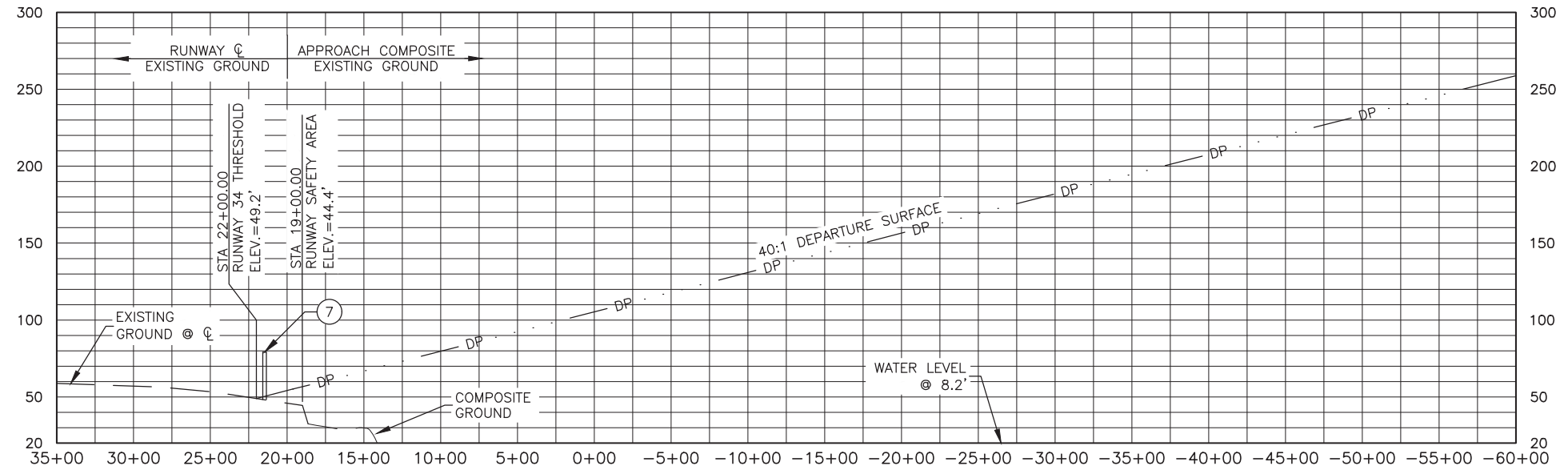
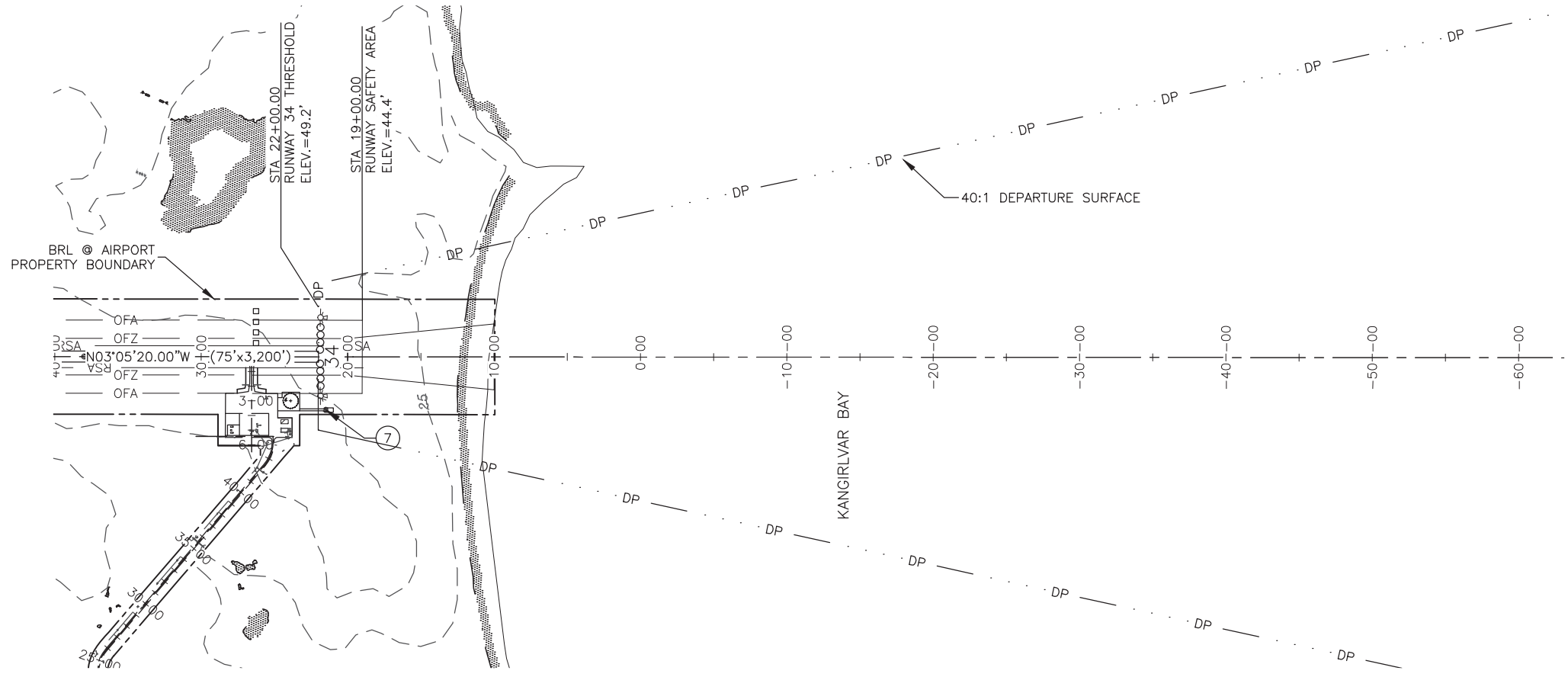
**TOKSOOK BAY AIRPORT**  
 TOKSOOK BAY, ALASKA  
 AIRPORT LAYOUT PLAN

EXISTING INNER PORTION OF THE APPROACH SURFACE - RUNWAY 34

DATE: 5/08/2023  
 SHEET: 7 OF 16



Date Plotted: 5/06/2023, 11:24 AM  
 Layout Name: Toksook Bay ALP asbuilt - Existing Departure Runway 34 8  
 File Name: W:\Projects\Toksook Bay\ALP\Airport Layout Plan\GD\Toksook Bay ALP asbuilt.dwg  
 Designed By: JLM  
 Drawn By: RJB  
 Checked By: MHH

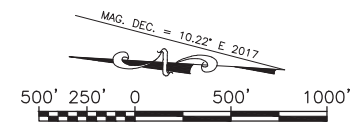


**RUNWAY 16 DEPARTURE**

**NOTES:**

1. ALL ELEVATIONS & COORDINATES WITHIN EXISTING AIRPORT PROPERTY ARE BASED ON THE 2022 TOKSOOK BAY AIRPORT AND ACCESS ROAD REHABILITATION RIGHT-OF WAY ACQUISITION PLAT
2. BASE MAP DATA FROM USGS-QUAD NUNIVAK ISLAND (C-1).
3. THE COMPOSITE PROFILE ELEVATIONS ARE ESTIMATES BASED ON THE BASEMAP DATA.

DEPARTURE SURFACE OBSTRUCTIONS (RUNWAY 34) EXISTING						
ID #	DESCRIPTION	STATION/OFFSET	GROUND ELEVATION	ABOVE GROUND LEVEL	TOP ELEVATION	OBSTRUCTION MARKING
7	WEATHER STATION	21+48.71 / 362.0' LT	47.9'	31.7'	79.6'	LIGHTED



LW	DATE	REVISION
	05/2023	AS-BUILTS PER CFAPT00111

**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION**  
**AND PUBLIC FACILITIES**  
**CENTRAL REGION**

**TOKSOOK BAY AIRPORT**  
 TOKSOOK BAY, ALASKA  
 AIRPORT LAYOUT PLAN

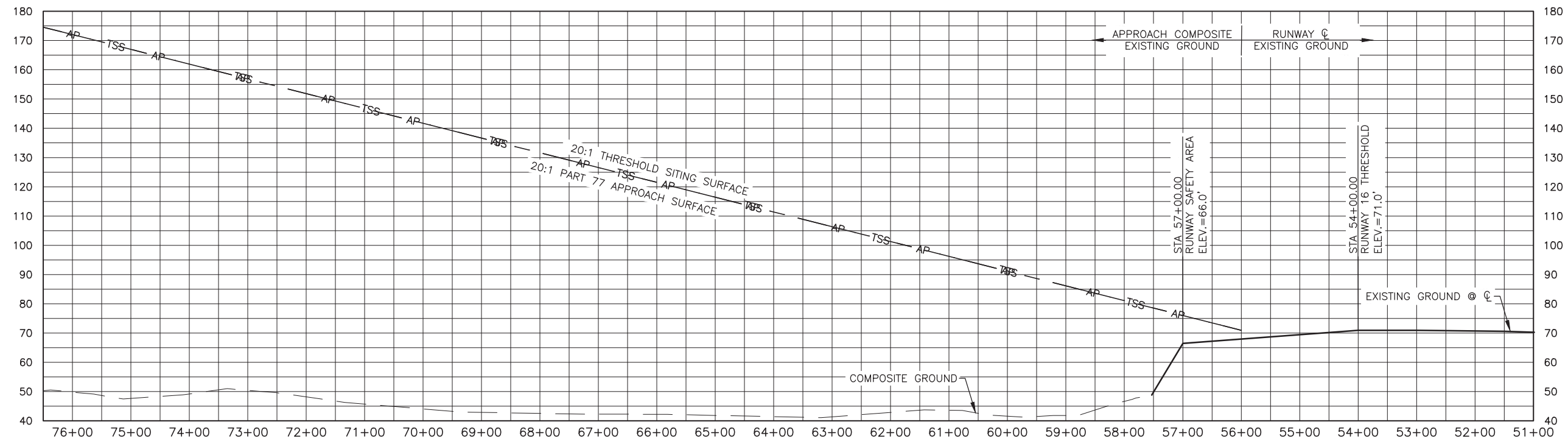
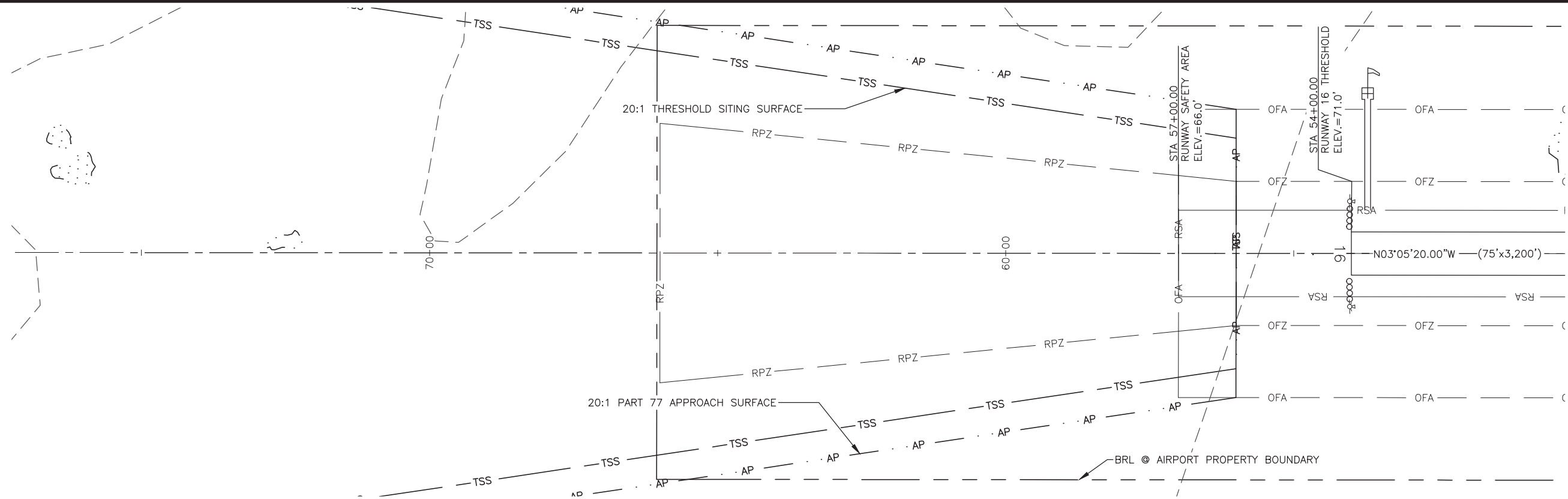
EXISTING DEPARTURE SURFACE RUNWAY 16

DATE:  
4/29/2019

SHEET:  
8 OF 16

Designed By: JLM  
Drawn By: RJB  
Checked By: MIH

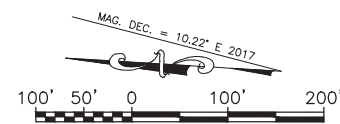
5/08/2023, 11:24 AM  
Toksook Bay ALP asbuilt - Ultimate Inner Approach Runway 16 9  
W:\Projects\Toksook Bay\ALP\Airport Layout Plan\QUAD\Toksook Bay ALP asbuilt.dwg



### RUNWAY 16 INNER APPROACH

#### NOTES:

1. ALL ELEVATIONS & COORDINATES WITHIN EXISTING AIRPORT PROPERTY ARE BASED ON THE 2022 TOKSOOK BAY AIRPORT AND ACCESS ROAD REHABILITATION RIGHT-OF WAY ACQUISITION PLAT
2. BASE MAP DATA FROM USGS-QUAD NUNIVAK ISLAND (C-1).
3. THE COMPOSITE PROFILE ELEVATIONS ARE ESTIMATES BASED ON THE BASEMAP DATA.
4. THRESHOLD SITING CRITERIA IS BASED ON ENGINEERING BRIEF 99 TO AC 150/5300-13A TABLE 3-2, LINE 4.
5. NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
6. NO PART 77 APPROACH SURFACE OBJECT PENETRATIONS.



LW	DATE	REVISION
	05/2023	AS-BUILTS PER CFAPT00111

**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION**  
**AND PUBLIC FACILITIES**  
**CENTRAL REGION**

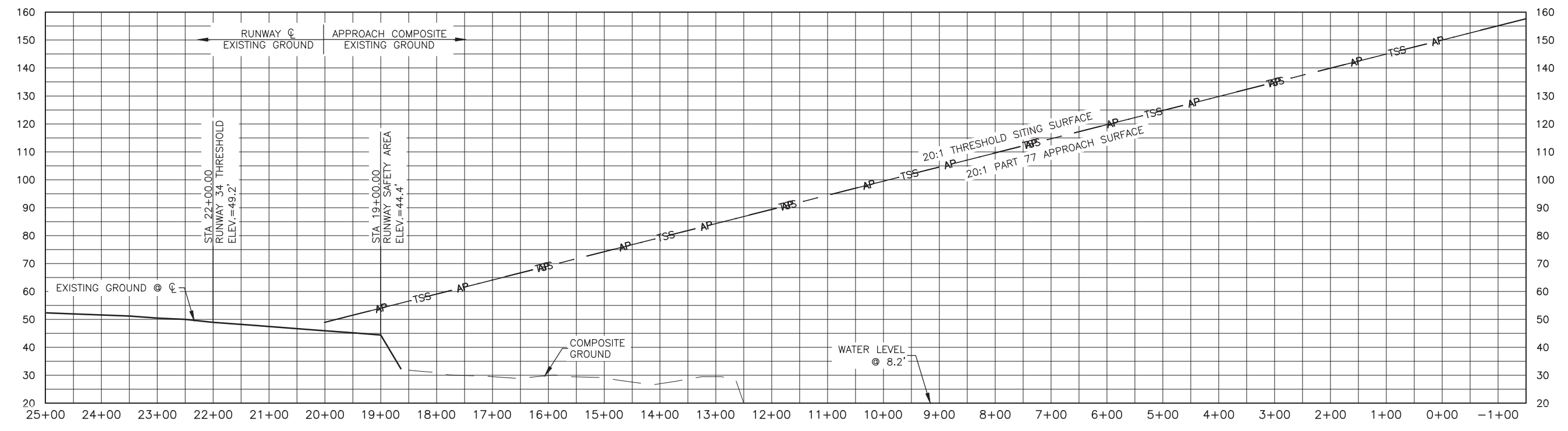
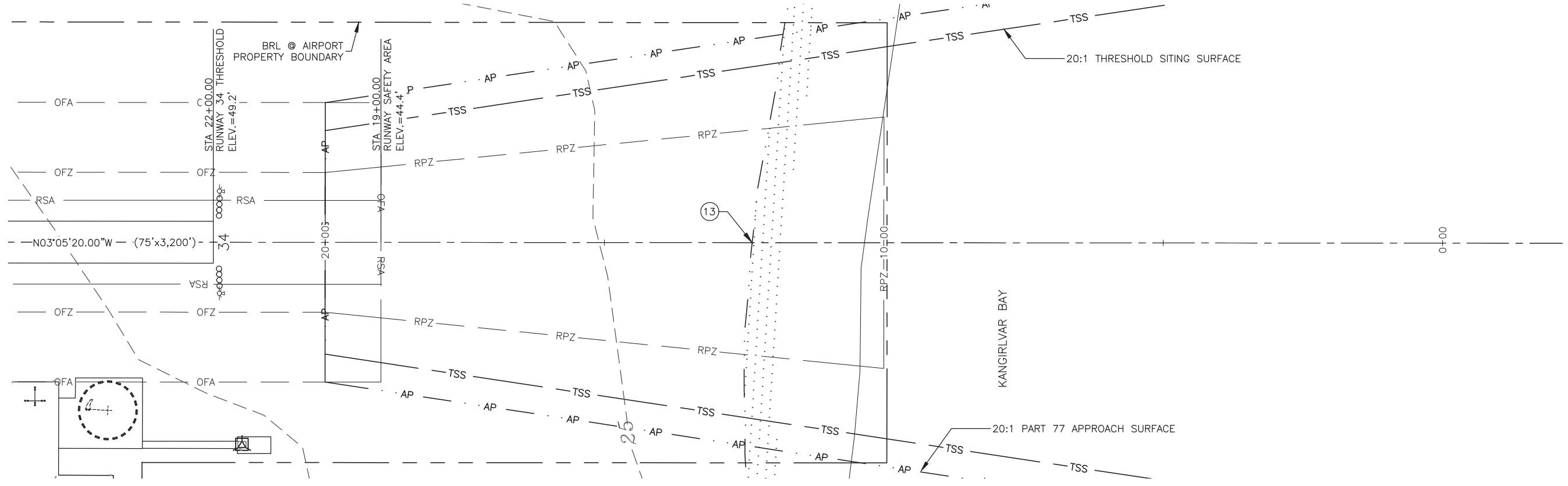
**TOKSOOK BAY AIRPORT**  
TOKSOOK BAY, ALASKA  
AIRPORT LAYOUT PLAN

ULTIMATE INNER PORTION OF THE APPROACH SURFACE - RUNWAY 16

DATE: 4/29/2019  
SHEET: 9 OF 16

Designed By: JLM  
Drawn By: RJB  
Checked By: MHH

Date Plotted: 5/08/2023, 11:24 AM  
Layout Name: Toksook Bay ALP.asbuiit - Ultimate Inner Approach Runway 34\_10  
File Name: W:\Projects\Toksook Bay\ALP\Toksook Bay\_VLP\Toksook Bay\_VLP.asbuiit.dwg



**NOTES:**

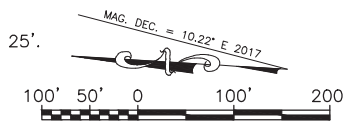
1. ALL ELEVATIONS & COORDINATES WITHIN EXISTING AIRPORT PROPERTY ARE BASED ON THE 2022 TOKSOOK BAY AIRPORT AND ACCESS ROAD REHABILITATION RIGHT-OF WAY ACQUISITION PLAT
2. BASE MAP DATA FROM USGS-QUAD NUNIVAK ISLAND (C-1).
3. THE COMPOSITE PROFILE ELEVATIONS ARE ESTIMATES BASED ON THE BASEMAP DATA.
4. THRESHOLD SITING CRITERIA IS BASED ON ENGINEERING BRIEF 99 TO AC 150/5300-13A TABLE 3-2, LINE 4.
5. NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
6. NO PART 77 APPROACH SURFACE OBJECT PENETRATIONS.

**RUNWAY 34 INNER APPROACH**

INNER APPROACH OBSTRUCTIONS (RUNWAY 34) ULTIMATE						
ID #	DESCRIPTION	STATION/OFFSET	GROUND ELEVATION	ABOVE GROUND LEVEL	TOP ELEVATION	OBSTRUCTION MARKING
13	OCEAN ±25'	12+35.63, 0.0' RT	8.2'	25'	33.2'	NONE

**NOTES:**

1. ABOVE GROUND LEVEL HEIGHT FOR OCEAN ASSUMES A BARGE HEIGHT OF 25'.



LW	DATE	REVISION
	05/2023	AS-BUILTS PER CFAP0111

**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION**  
**AND PUBLIC FACILITIES**  
**CENTRAL REGION**

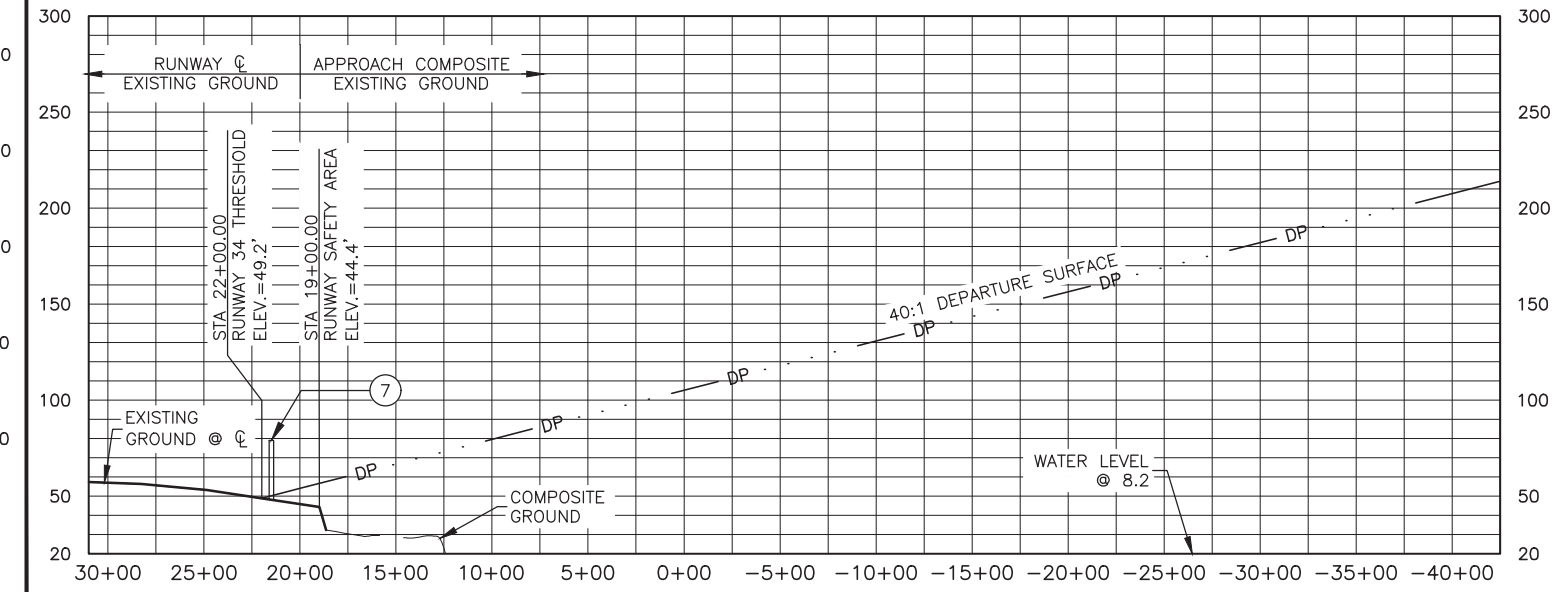
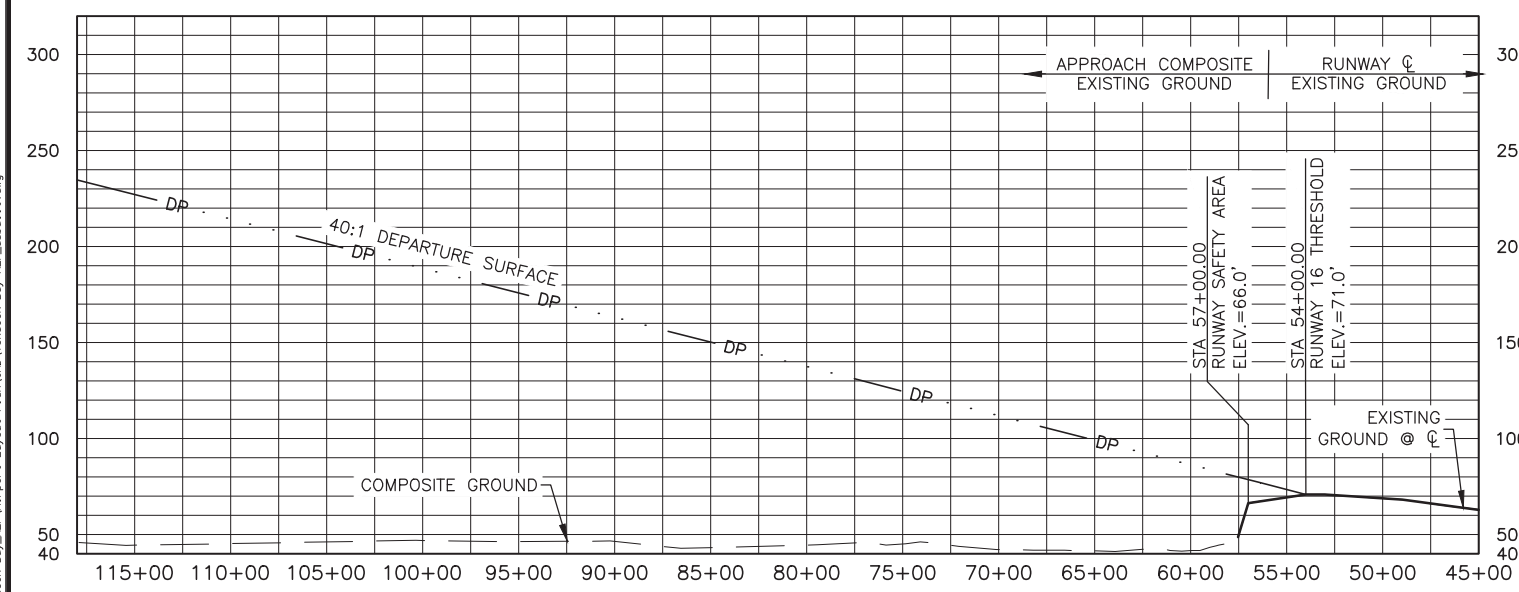
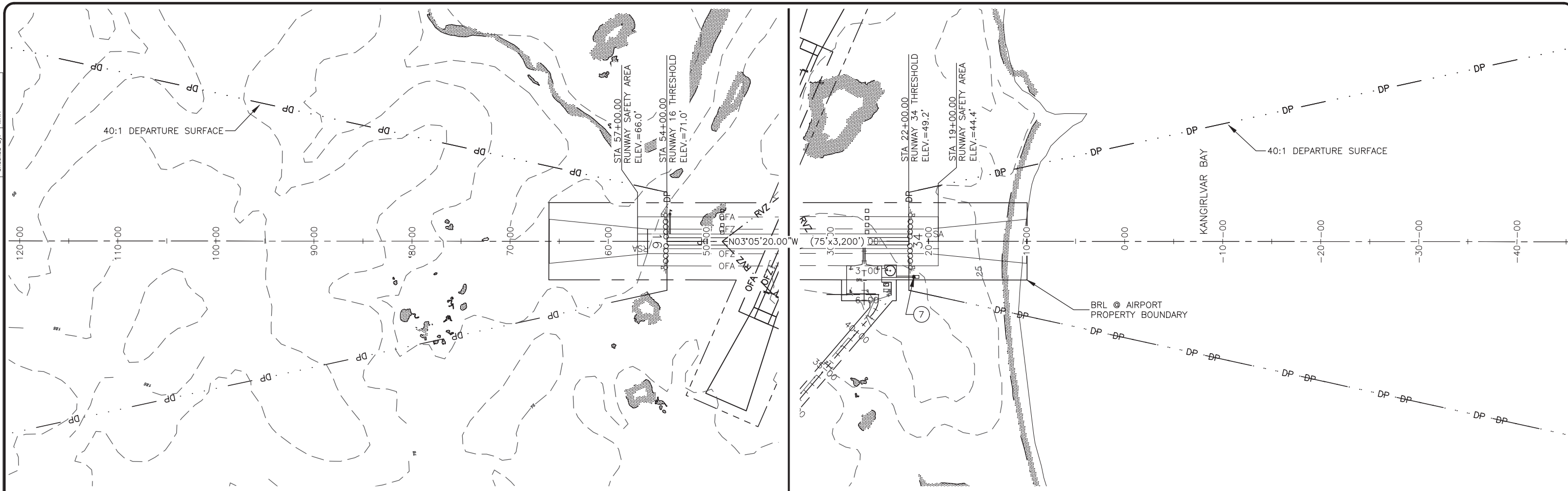
**TOKSOOK BAY AIRPORT**  
TOKSOOK BAY, ALASKA  
AIRPORT LAYOUT PLAN

ULTIMATE INNER PORTION OF THE APPROACH SURFACE - RUNWAY 34

DATE: 4/29/2019
SHEET: 10 OF 16

Designed By: JJM  
 Drawn By: RJB  
 Checked By: MIH

Date Plotted: 5/08/2023, 11:24 AM  
 Layout Name: Toksook Bay A/P Asbuilt - Ultimate Departure Runway 16 34  
 File Name: W:\Projects\Toksook Bay\A/P\Airport Layout Pln\GDQ\Toksook Bay A/P Asbuilt.dwg

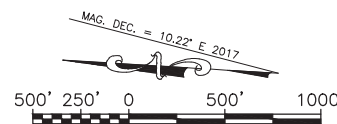


**RUNWAY 16/34 DEPARTURE**

**NOTES:**

1. ALL ELEVATIONS & COORDINATES WITHIN EXISTING AIRPORT PROPERTY ARE BASED ON THE 2022 TOKSOOK BAY AIRPORT AND ACCESS ROAD REHABILITATION RIGHT-OF WAY ACQUISITION PLAT
2. BASE MAP DATA FROM USGS-QUAD NUNIVAK ISLAND (C-1).
3. THE COMPOSITE PROFILE ELEVATIONS ARE ESTIMATES BASED ON THE BASEMAP DATA.
4. NO RUNWAY 34 DEPARTURE SURFACE PENETRATIONS.

DEPARTURE SURFACE OBSTRUCTIONS (RUNWAY 16) ULTIMATE						
ID #	DESCRIPTION	STATION/OFFSET	GROUND ELEVATION	ABOVE GROUND LEVEL	TOP ELEVATION	OBSTRUCTION MARKING
7	WEATHER STATION	21+48.71 / 362.0' LT	47.9'	31.7'	79.6'	LIGHTED



BY	DATE	REVISION
LW	05/2023	AS-BUILTS PER CFAPT00111

**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION**  
**AND PUBLIC FACILITIES**  
**CENTRAL REGION**

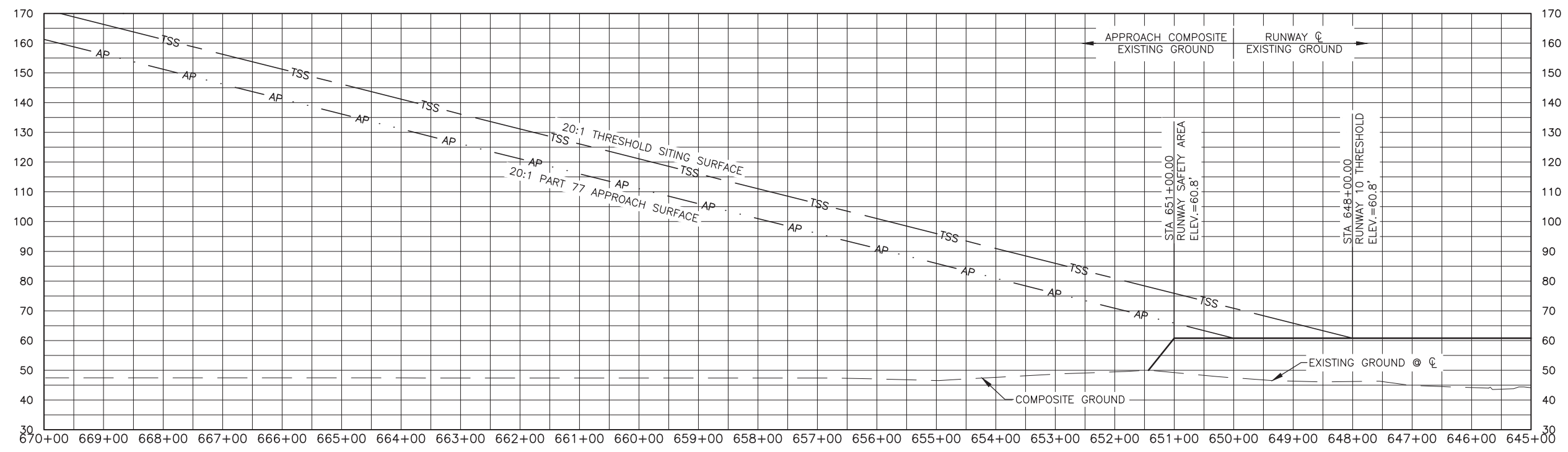
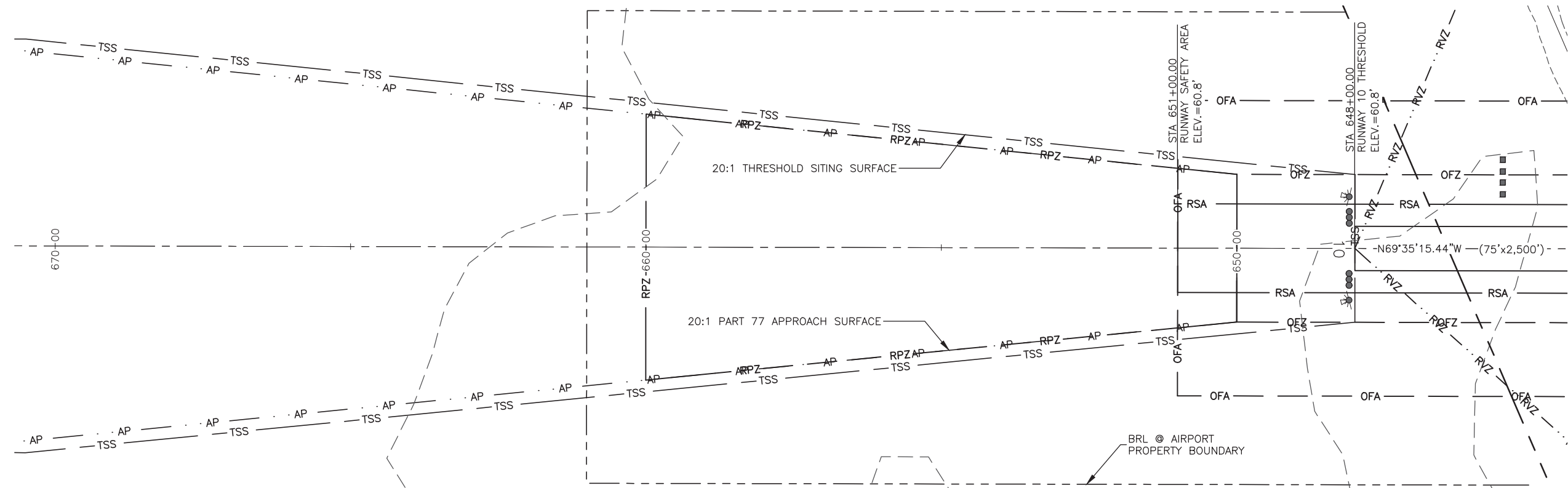
**TOKSOOK BAY AIRPORT**  
 TOKSOOK BAY, ALASKA  
 AIRPORT LAYOUT PLAN

ULTIMATE DEPARTURE SURFACE  
 RUNWAY 16 / 34

DATE: 4/29/2019  
 SHEET: 11 OF 16

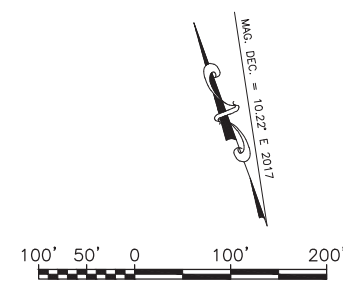
Date Plotted: 5/08/2023, 11:24 AM  
 Layout Name: Toksook Bay ALP\_asbuilt - Ultimate Inner Approach Runway 10 12  
 File Name: W:\Projects\Toksook Bay\ALP\Toksook Bay\_V\Airport Layout\_Plan\ALP.asbuilt.dwg

Designed By: JLM  
 Drawn By: RJB  
 Checked By: MHH



### RUNWAY 10 INNER APPROACH

- NOTES:**
- ALL ELEVATIONS WITHIN AIRPORT PROPERTY ARE BASED ON THE 2016 PROJECT CFAPT00111 SURVEY AND THE 2017 RECORD OF SURVEY.
  - BASE MAP DATA FROM USGS-QUAD NUNIVAK ISLAND (C-1).
  - THE COMPOSITE PROFILE ELEVATIONS ARE ESTIMATES BASED ON THE BASEMAP DATA.
  - THRESHOLD SITING CRITERIA IS BASED ON ENGINEERING BRIEF 99 TO AC 150/5300-13A TABLE 3-2, LINE 2.
  - NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
  - NO PART 77 APPROACH SURFACE OBJECT PENETRATIONS.



LW	DATE	REVISION
	05/2023	AS-BUILTS PER CFAPT00111

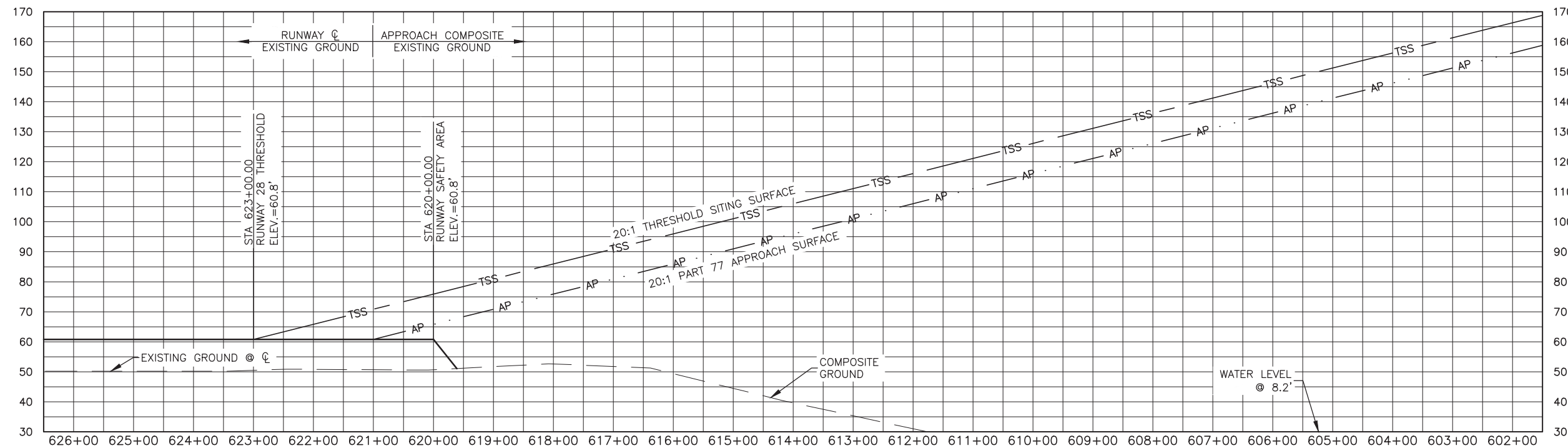
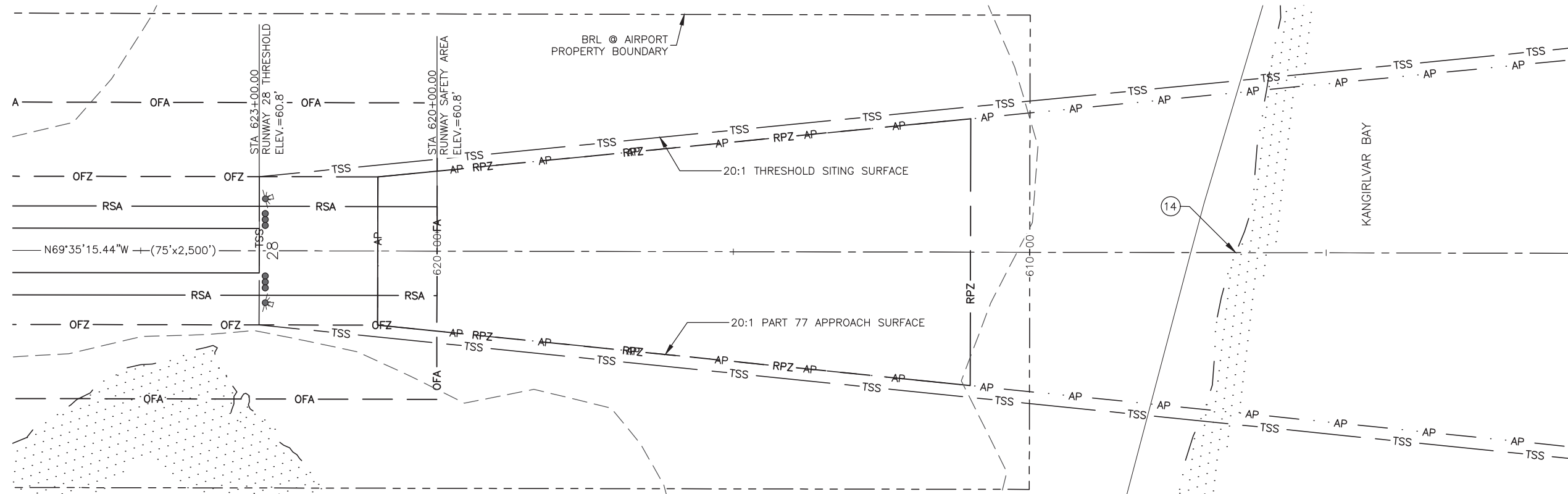
**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION**  
**AND PUBLIC FACILITIES**  
**CENTRAL REGION**

**TOKSOOK BAY AIRPORT**  
 TOKSOOK BAY, ALASKA  
 AIRPORT LAYOUT PLAN

ULTIMATE INNER PORTION OF THE APPROACH SURFACE - RUNWAY 10

DATE: 4/29/2019  
 SHEET: 12 OF 16

Date Plotted: 5/06/2023, 11:24 AM  
 Layout Name: Toksook Bay ALP asbuilt - Ultimate Inner Approach Runway 28 13  
 File Name: W:\Projects\Toksook Bay\ALP\Airport Layout\Plen\GDD\Toksook Bay ALP asbuilt.dwg  
 Designed By: JLM  
 Drawn By: RJB  
 Checked By: MHH



**NOTES:**

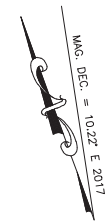
- ALL ELEVATIONS WITHIN AIRPORT PROPERTY ARE BASED ON THE 2016 PROJECT CFAPT00111 SURVEY AND THE 2017 RECORD OF SURVEY.
- BASE MAP DATA FROM USGS-QUAD NUNIVAK ISLAND (C-1).
- THE COMPOSITE PROFILE ELEVATIONS ARE ESTIMATES BASED ON THE BASEMAP DATA.
- THRESHOLD SITING CRITERIA IS BASED ON ENGINEERING BRIEF 99 TO AC 150/5300-13A TABLE 3-2, LINE 2.
- NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
- NO PART 77 APPROACH SURFACE OBJECT PENETRATIONS.

**RUNWAY 28 INNER APPROACH**

INNER APPROACH OBSTRUCTIONS (RUNWAY 28) ULTIMATE						
ID #	DESCRIPTION	STATION/OFFSET	GROUND ELEVATION	ABOVE GROUND LEVEL	TOP ELEVATION	OBSTRUCTION MARKING
14	OCEAN ±25'	606+52.29, 0.0' RT	8.2'	25'	33.2'	NONE

**NOTES:**

- ABOVE GROUND LEVEL HEIGHT FOR OCEAN ASSUMES A BARGE HEIGHT OF 25'.



LW	DATE	REVISION
	05/2023	AS-BUILTS PER CFAPT00111

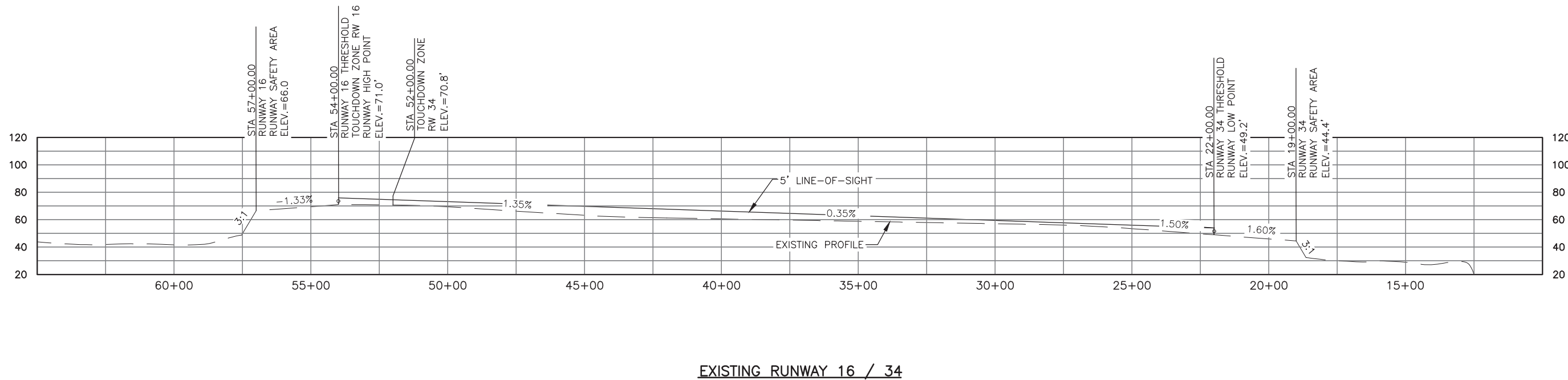
**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION**  
**AND PUBLIC FACILITIES**  
**CENTRAL REGION**

**TOKSOOK BAY AIRPORT**  
 TOKSOOK BAY, ALASKA  
 AIRPORT LAYOUT PLAN

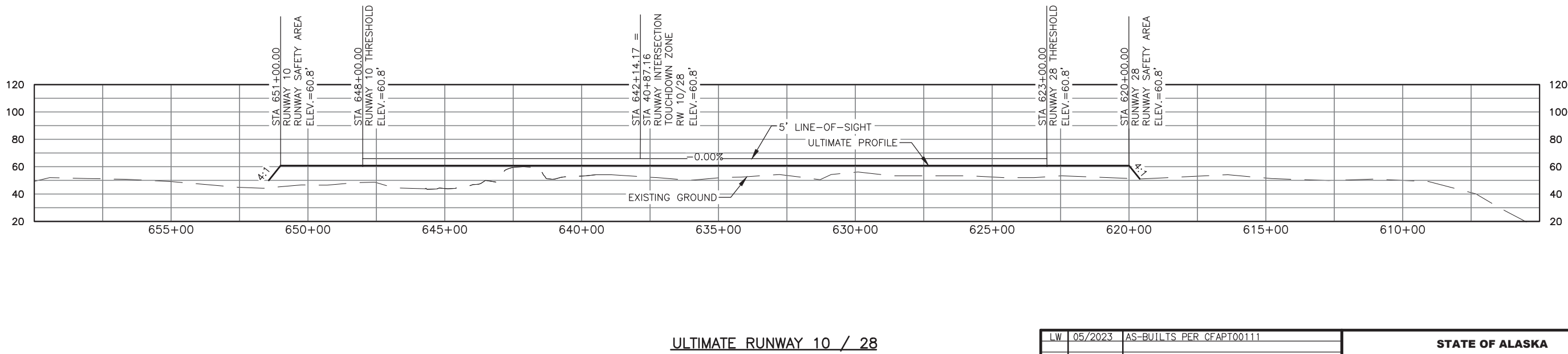
ULTIMATE INNER PORTION OF THE APPROACH  
 SURFACE - RUNWAY 28

DATE:  
 4/29/2019  
 SHEET:  
**13**  
 OF  
 16

Designed By: JLM  
 Drawn By: RJB  
 Checked By: MHH



**EXISTING RUNWAY 16 / 34**



**ULTIMATE RUNWAY 10 / 28**

Date Plotted: 5/08/2023, 11:24 AM  
 Layout Name: Toksook Bay ALP Asbuilt - Runway Profiles 14  
 File Name: W:\Projects\Toksook Bay ALP\Airport Layout Plan\ASBUILT\Toksook Bay ALP Asbuilt.dwg

**NOTES:**

1. ALL ELEVATIONS & COORDINATES WITHIN EXISTING AIRPORT PROPERTY ARE BASED ON THE 2022 TOKSOOK BAY AIRPORT AND ACCESS ROAD REHABILITATION RIGHT-OF WAY ACQUISITION PLAN
2. ELEVATIONS ASSOCIATED WITH CROSSWIND RUNWAY ARE ESTIMATES BASED ON THE 2017 RECORD OF SURVEY.



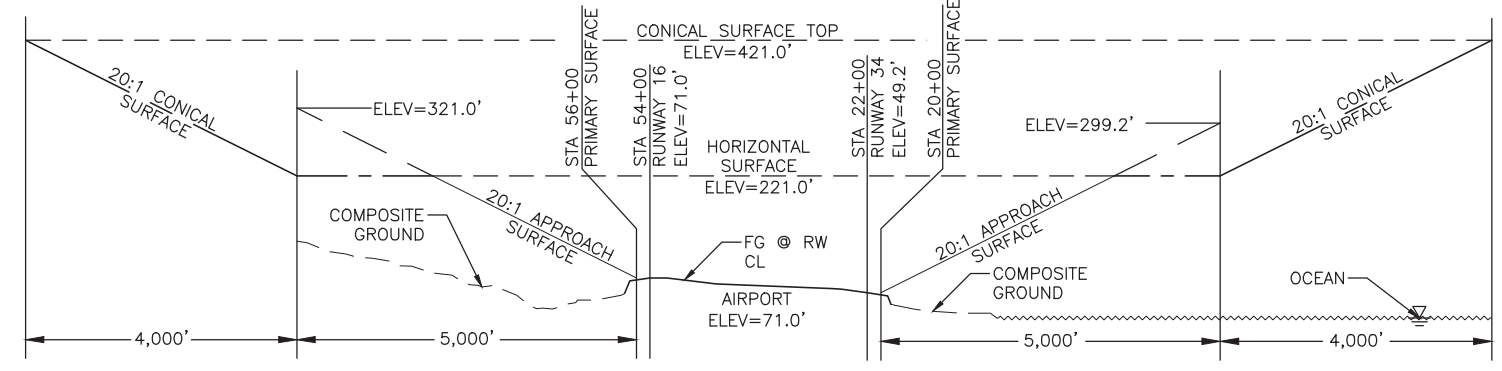
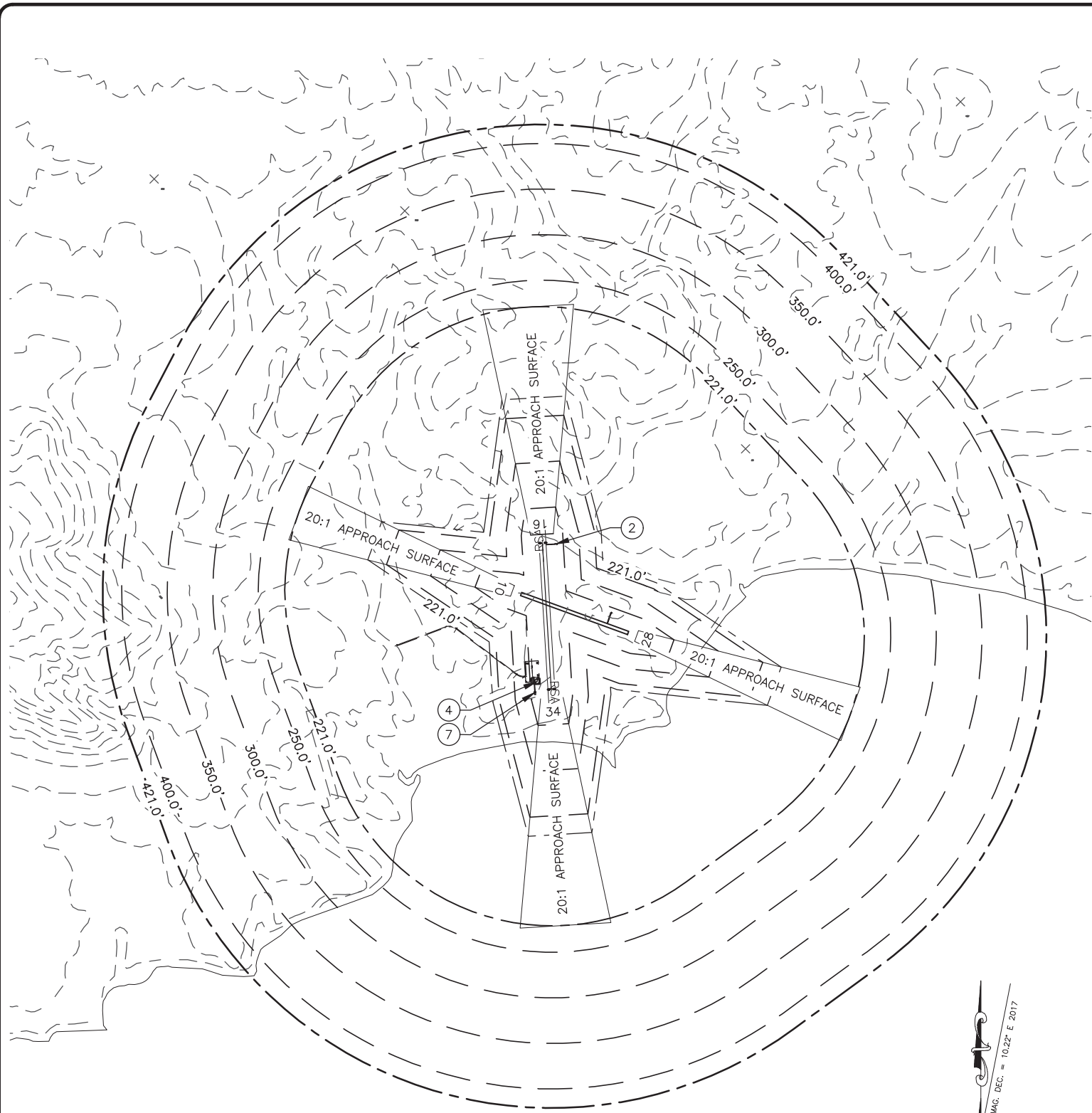
LW	05/2023	AS-BUILTS PER CFAPT00111
BY	DATE	REVISION

**STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 CENTRAL REGION**

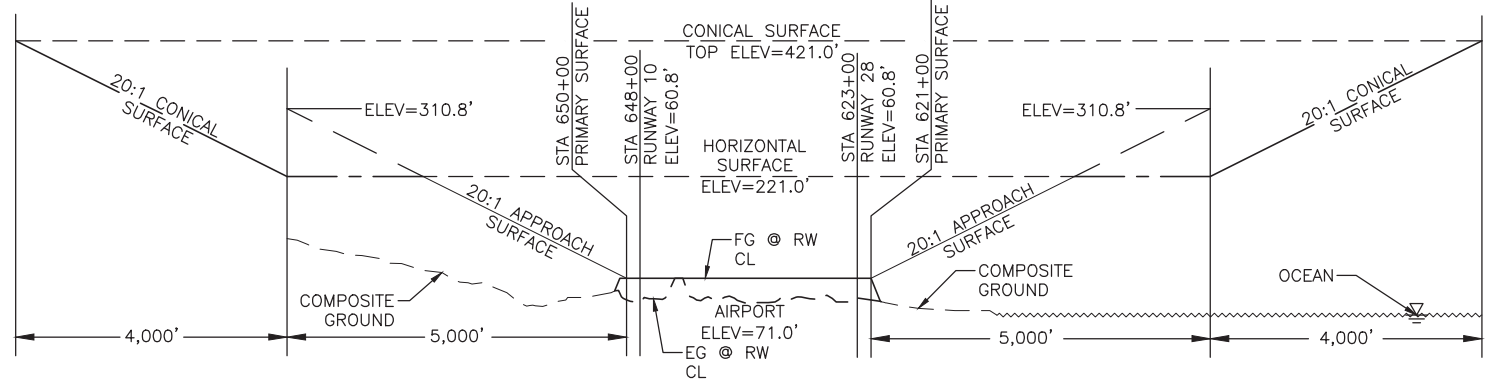
---

**TOKSOOK BAY AIRPORT**  
 TOKSOOK BAY, ALASKA  
 AIRPORT LAYOUT PLAN  
 RUNWAY PROFILES

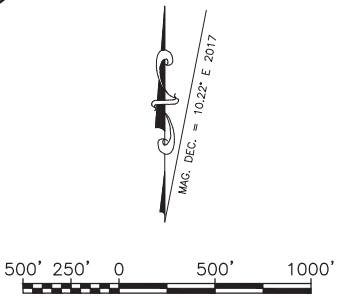
DATE:  
4/29/2019  
 SHEET:  
**14**  
 OF  
16



**RUNWAY 16 / 34**  
NTS



**RUNWAY 10 / 28**  
NTS



- NOTES:**
- ALL ELEVATIONS & COORDINATES WITHIN EXISTING AIRPORT PROPERTY ARE BASED ON THE 2022 TOKSOOK BAY AIRPORT AND ACCESS ROAD REHABILITATION RIGHT-OF WAY ACQUISITION PLAN
  - ESTABLISHED AIRPORT ELEVATION IS 71.0'.
  - APPROACH SURFACES ARE 20:1 BEGINNING AT 200' FROM THE THRESHOLD.
  - BASEMAP DATA FROM USGS QUAD, NUNIVAK ISLAND (C-1).
  - WIDTH OF RUNWAY 16 / 34 PRIMARY SURFACE IS 500'.
  - WIDTH OF RUNWAY 10 / 28 PRIMARY SURFACE IS 250'.
  - REFER TO THE INNER PORTION OF THE APPROACH SURFACE SHEETS FOR APPROACH SURFACE OBSTRUCTIONS.

OBSTRUCTION TABLE								
ID #	DESCRIPTION	STATION/OFFSET	ELEVATION (MSL)	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
2	UNLIGHTED SUPPLEMENTAL WIND CONE	53+71.86/277.5RT	82.8'	TRANSITIONAL	74.9'	7.9'	LIGHT	ULTIMATE
4	LIGHTED PRIMARY WIND CONE	23+86.64/298.5LT	72.0'	TRANSITIONAL	58.8'	13.2'	LIGHTED	NONE
7	WEATHER STATION	21+48.71/362.0LT	79.6'	TRANSITIONAL	65.2'	14.4'	LIGHTED	NONE

LW	DATE	REVISION
	05/2023	AS-BUILTS PER CFAPT00111

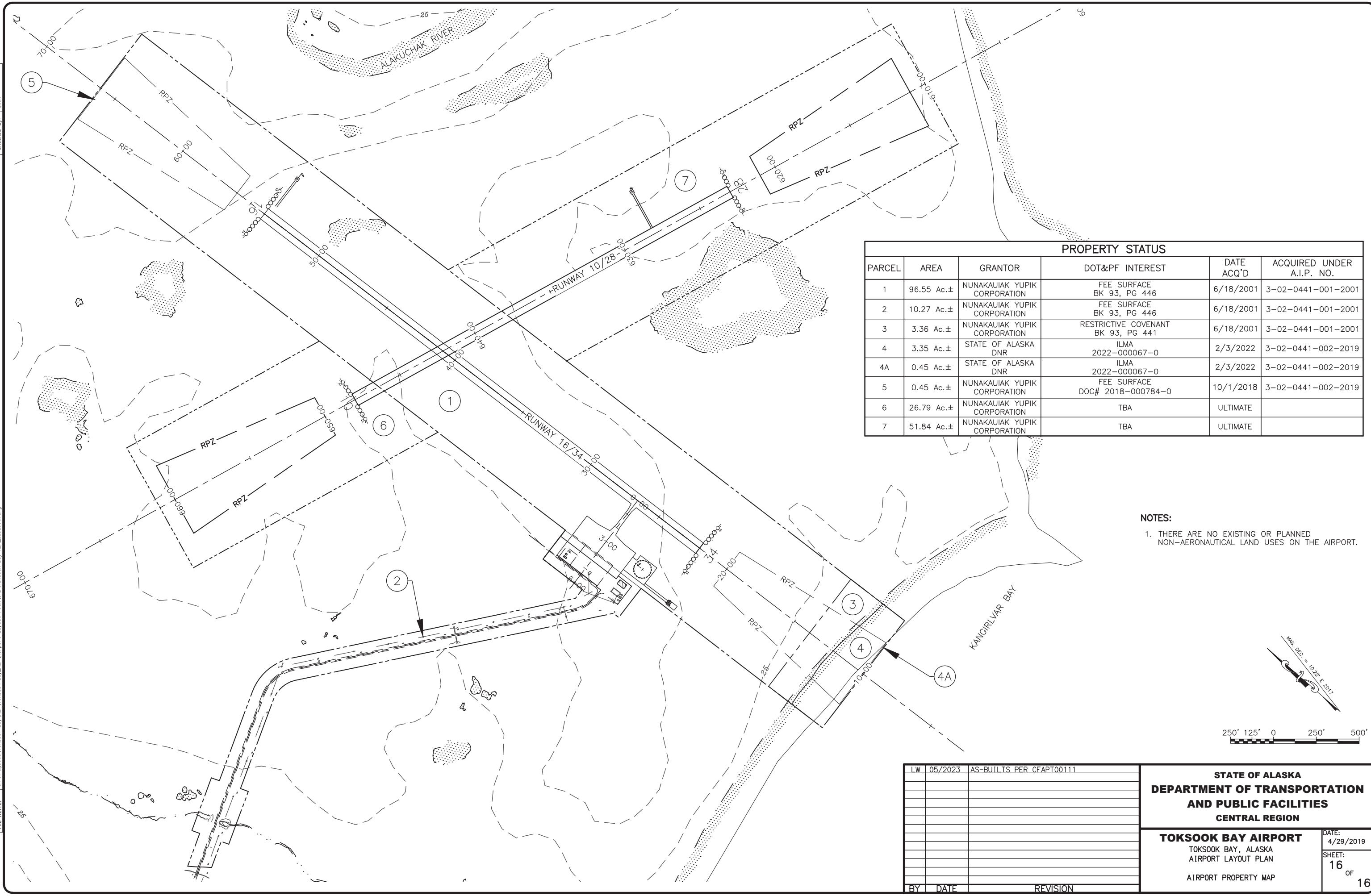
**STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
CENTRAL REGION**

**TOKSOOK BAY AIRPORT**  
TOKSOOK BAY, ALASKA  
AIRPORT LAYOUT PLAN  
AIRPORT AIRSPACE PART 77

DATE: 4/29/2019  
SHEET: 15 OF 16

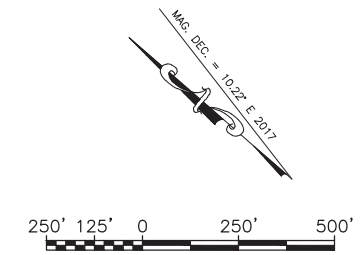


Date Plotted: 5/08/2023, 11:24 AM  
 Layout Name: Toksook Bay ALP.asbuilit - Airport Property Map 16  
 File Name: W:\Projects\Toksook Bay\ALP\Toksook Bay\_VLP\Airport Layout Pln\CD\Toksook Bay\_ALP.asbuilit.dwg  
 Designed By: JLM  
 Drawn By: RJB  
 Checked By: MHH



PROPERTY STATUS					
PARCEL	AREA	GRANTOR	DOT&PF INTEREST	DATE ACQ'D	ACQUIRED UNDER A.I.P. NO.
1	96.55 Ac.±	NUNAKUIAK YUPIK CORPORATION	FEE SURFACE BK 93, PG 446	6/18/2001	3-02-0441-001-2001
2	10.27 Ac.±	NUNAKUIAK YUPIK CORPORATION	FEE SURFACE BK 93, PG 446	6/18/2001	3-02-0441-001-2001
3	3.36 Ac.±	NUNAKUIAK YUPIK CORPORATION	RESTRICTIVE COVENANT BK 93, PG 441	6/18/2001	3-02-0441-001-2001
4	3.35 Ac.±	STATE OF ALASKA DNR	ILMA 2022-000067-0	2/3/2022	3-02-0441-002-2019
4A	0.45 Ac.±	STATE OF ALASKA DNR	ILMA 2022-000067-0	2/3/2022	3-02-0441-002-2019
5	0.45 Ac.±	NUNAKUIAK YUPIK CORPORATION	FEE SURFACE DOC# 2018-000784-0	10/1/2018	3-02-0441-002-2019
6	26.79 Ac.±	NUNAKUIAK YUPIK CORPORATION	TBA	ULTIMATE	
7	51.84 Ac.±	NUNAKUIAK YUPIK CORPORATION	TBA	ULTIMATE	

**NOTES:**  
 1. THERE ARE NO EXISTING OR PLANNED NON-AERONAUTICAL LAND USES ON THE AIRPORT.



LW	DATE	REVISION
	05/2023	AS-BUILTS PER CFAPT00111

**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION**  
**AND PUBLIC FACILITIES**  
**CENTRAL REGION**

**TOKSOOK BAY AIRPORT**  
 TOKSOOK BAY, ALASKA  
 AIRPORT LAYOUT PLAN  
 AIRPORT PROPERTY MAP

DATE: 4/29/2019  
 SHEET: 16 OF 16