



U.S. Department
of Transportation

**Federal Aviation
Administration**

Alaskan Region Airports Division

222 W. 7th Avenue, Box 14
Anchorage, Alaska 99513-7587
Tel. (907) 271-5438
Fax (907) 271-2851

7/13/2022

Luke Bowland, P.E.
Central Region Aviation Design Section Chief
Department of Transportation and Public
Facilities, State of Alaska
4111 Aviation Avenue
PO Box 196900
Anchorage, AK 99519

Dear Mr. Bowland,

Seward Airport, Seward, Alaska
Airport Layout Plan Conditional Approval
Airspace Case No. 2022-AAL-119-NRA

The Seward Airport Layout Plan (ALP), prepared by Jessica Wuttke-Campoamor, and bearing your signature, is conditionally approved. A signed copy of the approved ALP is enclosed.

An aeronautical study (no. 2022-AAL-119-NRA) was conducted on the proposed development. This determination does not constitute FAA approval or disapproval of the physical development involved in the proposal. It is a determination with respect to the safe and efficient use of navigable airspace by aircraft and with respect to the safety of persons and property on the ground.

The FAA Reauthorization Act of 2018, Section 163(d), has limited the FAA's review and approval authority for ALPs. This determination is based on and limited to those portions of the ALP that may:

- a. Materially impact the safe and efficient operation of aircraft at, to, or from the airport;
- b. Adversely affect the safety of people or property on the ground adjacent to the airport as a result of aircraft operations; or
- c. Adversely affect the value of prior Federal investments to a significant extent.

In making this determination, the FAA has considered matters such as the effects the proposal would have on existing or planned traffic patterns of neighboring airports, the effects it would have on the existing airspace structure and projected programs of the FAA, the effects it would have on the safety of persons and property on the ground, and the effects that existing or proposed manmade objects (on file with the FAA) and known natural objects within the affected area would have on the airport proposal.

The FAA cannot prevent the construction of structures near an airport. The airport environs can only be protected through such means as local zoning ordinances, acquisitions of property in fee title or aviation easements, letters of agreement, or other means.

This ALP change approval is conditioned on acknowledgement that any development on airport property requiring Federal environmental approval must receive such written approval from FAA prior to commencement of the subject development. This ALP approval is also conditioned on acceptance of the plan under local land use laws. We encourage appropriate agencies to adopt land use and height restrictive zoning based on the plan.

This determination does not indicate that the United States will participate in the cost of any development proposed. Airport Improvement Program (AIP) funding requires evidence of eligibility and justification at the time a funding request is ripe for consideration.

When construction of any proposed structure or development indicated on the plan is undertaken, such construction requires normal 45-day advance notification to FAA for review in accordance with applicable Federal Aviation Regulations (i.e., Parts 77, 157, 152, etc.). More notice is generally beneficial to ensure that all statutory, regulatory, technical and operational issues can be addressed in a timely manner.

This determination does not represent approval of a modification to any FAA standard. Requests for Modifications of Standards (MOS) must be submitted separately, pursuant to requirements in the current version of FAA Orders 5100.38, Airport Improvement Program Handbook, and 5300.1, Modifications to Agency Airport Design, Construction, and Equipment Standards.

This approval does not include approval of any lease, and does not release the airport sponsor from any existing federal obligations or other legal obligations.

Weather: The ALP indicates that the Seward Airport (SWD), Seward, Alaska (AK) Airport Surface Observing System (ASOS) is planned to be relocated to a proposed new location on the airport, a reimbursable agreement is required to be entered upon by the proponent with the FAA in order to anticipate NAS facility/service implementation. Proponent shall contact the NAS Planning and Integration, Lead Planner and Planning Specialist in the Service Center Planning & Requirements (P&R) group. The Lead Planner is Mathew Josal, 206-231-2966, matthew.josal@faa.gov and the Planning Specialist Jorge Torres, 206-231-2830, jorge.torres@faa.gov.

Due to repeated airport flooding from the nearby Resurrection River, the attached draft Airport Layout Plan (ALP) details the future permanent closure of SWD RW-13/31 with a compensating upgrade to SWD RW-16/34. When SWD RW-13/31 is permanently closed, SWD VASI RW-31 (FAA-owned) must be shut down and decommissioned. When the construction project eventually begins, advance coordination with the FAA is required to shut down the VASI. Recommend this notation be added to the eventual project Construction Safety Phasing Plan (CSPP).

Please attach this letter to the Airport Layout Plan and retain it in your files. We look forward to working with you in the continued development of the Seward airport. If you have any questions, please contact Carley Wallace, Community Planner, at our office at 907-271-5185.

Sincerely,

**JONATHAN
LINQUIST**

Digitally signed by
JONATHAN LINQUIST
Date: 2022.07.13 07:55:33
-08'00'

Jonathan Linqvist
Lead Community Planner

Enclosure

Designed By: EAT
 Drawn By: CES
 Checked By: BH

Date Plotted: 6/22/2022, 1:00 PM
 Layout Name: 2 - Airport Data
 File Name: R:\Projects\19080401-DOT_SND_MP\00413-SND-ALP.dwg

AIRPORT DATA			
ITEM	EXISTING	NEAR TERM	ULTIMATE
ICAO IDENTIFIER	PAWD	PAWD	PAWD
NATIONAL AIRPORT IDENTIFIER	SWD	SWD	SWD
FAA SITE NUMBER	50696.*A	50696.*A	50696.*A
AIRPORT ELEVATION NAVD88	27.7'	30.9'	30.9'
AIRPORT REFERENCE CODE	B-I(S)	B-II(S)	B-II(S)
MEAN MAX. TEMPERATURE, HOTTEST MONTH	62.4°F JULY	62.4°F JULY	62.4°F JULY
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	14°39' E, 2025, 0°14' W		
CRITICAL AIRCRAFT OR AIRCRAFT GROUP	B-I(S)	B-II(S)	B-II(S)
AIRPORT AND TERMINAL NAVIGATION AIDS	BEACON, SEG CIRCLE AND LIGHTED WIND CONE	BEACON, SEG CIRCLE AND LIGHTED WIND CONE	BEACON, SEG CIRCLE AND LIGHTED WIND CONE
MISCELLANEOUS FACILITIES	WEATHER STATION, SUPPLEMENTAL WIND CONE	WEATHER STATION, SUPPLEMENTAL WIND CONE	WEATHER STATION, SUPPLEMENTAL WIND CONE
NPIAS SERVICE LEVEL	GENERAL AVIATION	GENERAL AVIATION	GENERAL AVIATION
STATE EQUIVALENT SERVICE ROLE	COMMUNITY ON-ROAD	COMMUNITY ON-ROAD	COMMUNITY ON-ROAD

GEOGRAPHIC COORDINATES			
ITEM	EXISTING	NEAR TERM	ULTIMATE
ARP			
LATITUDE	60°07'47.59"N	60°07'46.86"N	60°07'43.42"N
LONGITUDE	149°24'59.85"W	149°25'11.02"W	149°25'10.61"W
THRESHOLD RW 13			
STATION	20+15	ABANDONED	
LATITUDE	60°08'03.75"N		
LONGITUDE	149°25'15.59"W		
ELEVATION	27.3'		
THRESHOLD RW 31			
STATION	62+64	ABANDONED	
LATITUDE	60°07'28.90"N		
LONGITUDE	149°24'29.17"W		
ELEVATION	18.6'		
THRESHOLD RW 16			
STATION	29+69	100+00	100+00
LATITUDE	60°08'01.20"N	60°08'03.08"N	60°08'03.08"N
LONGITUDE	149°25'15.06"W	149°25'12.96"W	149°25'12.96"W
ELEVATION	25.4'	30.9'	30.9'
THRESHOLD RW 34			
STATION	52+58	133+00	140+00
LATITUDE	60°07'38.69"N	60°07'30.64"N	60°07'23.75"N
LONGITUDE	149°25'12.37"W	149°25'09.08"W	149°25'08.26"W
ELEVATION	17.4'	19.3'	18.3'

RUNWAY DATA					
ITEM	RUNWAY 13/31		RUNWAY 16/34		
	EXISTING	NEAR TERM	EXISTING	NEAR TERM	ULTIMATE
RUNWAY IDENTIFIER	13/31	13/31	16/34	16/34	16/34 (SEE NOTE 4)
RUNWAY TYPE UTILITY OR OTHER THAN UTILITY	UTILITY		UTILITY	UTILITY	UTILITY
FAR PART 77 APPROACH CATEGORY (V, NPI, P)	V		V	NPI	NPI
FAR PART 77 VISIBILITY MINIMUM	VIS		VIS	≥1 MILE	≥1 MILE
FAR PART 77 APPROACH SURFACES SLOPE	20:1		20:1	20:1	20:1
APPROACH TYPE (VIS, NPA, APV(NP), APV(P), PREC)	VIS		VIS	NPA	NPA
THRESHOLD SITING SURFACE SLOPE	20:1		20:1	20:1	20:1
RUNWAY DESIGN CODE	B/I(S)/VIS		B/I(S)/VIS	B/II(S)/5000	B/II(S)/5000
APPROACH RUNWAY REFERENCE CODE (APRC)	B/II/VIS		B/I(S)/VIS	B/III/5000 D/II/5000	B/III/5000 D/II/5000
DEPARTURE RUNWAY REFERENCE CODE (DPRC)	B/II		B/I(S)	B/III D/II	B/III D/II
RUNWAY SURFACE	ASPHALT		ASPHALT	ASPHALT	ASPHALT
SURFACE TREATMENT	NONE		NONE	GROOVED	GROOVED
AIRPLANE GEAR CONFIG/PAVE STRENGTH (x1000 lbs)	D12.5		D12.5	D12.5	D12.5
PAVEMENT STRENGTH BY PCN	99/F/D/Y/T		45/F/D/Y/T	90/F/D/Y/T	90/F/D/Y/T
DESIGN AIRCRAFT (>60,000 lbs)	N/A		N/A	N/A	N/A
MAXIMUM ELEVATION	27.7'		25.4'	30.9'	30.9'
TOUCHDOWN ZONE ELEVATION	27.3'/19.5'		25.4'/25.4'	30.9'/29.4'	30.9'/26.1'
EFFECTIVE GRADE	0.19%		0.35%	0.33%	0.32%
MEAN GEODETIC BEARING	N 146.40° E		N 176.58° E	N 176.58° E	N 176.58° E
RUNWAY DIMENSIONS	100'x4,249'		75'x2,289'	75'x3,300'	75'x4,000'
RUNWAY SAFETY AREA (RSA)	120'x4,749'		120'x2,769'	150'x3,900'	150'x4,600'
RSA LENGTH BEYOND DEPARTURE END	200'/300'		240'/240'	300'/300'	300'/300'
RSA LENGTH PRIOR TO THRESHOLD	300'/200'		240'/240'	300'/300'	300'/300'
RUNWAY OBJECT FREE AREA (OFA)	250'x4,729'		250'x2,769'	500'x3,900'	500'x4,600'
ROFA LENGTH BEYOND DEPARTURE END	240'/240'		240'/240'	300'/300'	300'/300'
ROFA LENGTH PRIOR TO THRESHOLD	240'/240'		240'/240'	300'/300'	300'/300'
RUNWAY OBSTACLE FREE ZONE (OFZ)	250'x4,649'		120'x2,689'	250'x3,700'	250'x4,400'
PRECISION OBSTACLE FREE ZONE (POFZ)	N/A		N/A	N/A	N/A
RUNWAY PROTECTION ZONE (RPZ)	250'x450'x1,000'		250'x450'x1,000'	250'x450'x1,000'	250'x450'x1,000'
RUNWAY LIGHTING	MIRL		NONE	MIRL	MIRL
RUNWAY MARKING TYPE	VIS		VIS	NP	NP
RUNWAY NAVIGATION AIDS	NONE/VASI		NONE	NONE/PAPI	NONE/PAPI
AERONAUTICAL SURVEY TYPE REQUIRED	NVGS		NONE	NVGS	NVGS
DEPARTURE SURFACE	NONE/YES		NONE	YES	YES

ABANDONED

NOTES:

- ALL LATITUDE/LONGITUDE COORDINATES ARE NAD83.
- ALL ELEVATIONS ARE NAVD88.
- MAPPING BASED ON COMBINATION OF FIELD SURVEYED DATA COLLECTED MARCH 30, 2018, AND PHOTOGRAMMETRIC DATA COLLECTED ON JULY 15, 2014.
- RUNWAY END IDENTIFIERS ARE BASED ON THE CURRENT WORLD MAGNETIC MODEL (WMM). RECALCULATION OF END IDENTIFIERS IS REQUIRED IF ULTIMATE DEVELOPMENT IS DELAYED BEYOND THE WMM EXPIRATION DATE OF DEC 31, 2024.

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION		DATE:	06/22/2022
		SHEET:	2 OF 31
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN		AIRPORT DATA SHEET (1 OF 2)	
BY	DATE	REVISION	

Date Plotted: 6/22/2022, 1:00 PM
 Layout Name: 3 - Airport Data (2)
 File Name: N:\Projects\18080AN-DOT_SWD-ALP.dwg
 Designed By: EAT
 Drawn By: CES
 Checked By: BH

TAXIWAY DATA																					
ITEM	TAXIWAY A		TAXIWAY B			TAXIWAY C			TAXIWAY D		TAXIWAY E		TAXIWAY F			TAXILANE G					
	EXISTING	NEAR TERM	EXISTING	NEAR TERM	ULTIMATE	EXISTING	NEAR TERM	ULTIMATE	EXISTING	NEAR TERM	EXISTING	NEAR TERM	EXISTING	NEAR TERM	ULTIMATE	EXISTING	NEAR TERM	ULTIMATE			
AIRPLANE DESIGN GROUP	I	ABANDONED	I	II	II	I	II	II	I	ABANDONED	I	ABANDONED	I	II	II	I	II	II			
TAXIWAY DESIGN GROUP	1A		1A	2	2	1A	2	2	1A		1A		1A	2	2	1A	2	2	1A	2	2
TAXIWAY SURFACE	ASPHALT		ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT		ASPHALT		ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT
LENGTH x WIDTH	1,000'x50'		231'x49'	247'x35'	247'x35'	146'x39'	247'x35'	247'x35'	146'x40'		146'x36'		146'x35'	247'x35'	247'x35'	2,715'x36'	2,465'x35'	2,465'x35'	2,465'x35'	2,465'x35'	2,465'x35'
SHOULDER WIDTH	11'L/6'R		10'L/26'R	15'	15'	12'	15'	15'	8'L/6'R		13'		12'	15'	15'	11'	15'	15'	11'	15'	15'
SAFETY AREA (TSA) WIDTH	49'		49'	79'	79'	49'	79'	79'	49'		49'		49'	79'	79'	49'	79'	79'	49'	79'	79'
EDGE SAFETY MARGIN (TESM)	5'		5'	7.5'	7.5'	5'	7.5'	7.5'	5'		5'		5'	7.5'	7.5'	5'	7.5'	7.5'	5'	7.5'	7.5'
OBJECT FREE AREA (TOFA) WIDTH	89'		89'	131'	131'	89'	131'	131'	89'		89'		89'	131'	131'	79'	115'	115'	79'	115'	115'
TAXIWAY LIGHTING	NONE		NONE	MITL	MITL	NONE	MITL	MITL	N/A		NONE		NONE	MITL	MITL	NONE	MITL	MITL	NONE	MITL	MITL
TAXIWAY MARKING	YES		YES	YES	YES	YES	YES	YES	YES		YES		YES	YES	YES	YES	YES	YES	YES	YES	YES

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

NON-STANDARD CONDITIONS					
ITEM	EXISTING STANDARDS	EXISTING	NEAR TERM STANDARDS	NEAR TERM	ULTIMATE
TAXIWAY A (WIDTH, SHOULDER WIDTH LEFT/RIGHT)	25', 10'	50', 11'L/6'R	35', 15'	ABANDON TAXIWAY	-
TAXIWAY B (WIDTH, SHOULDER WIDTH LEFT/RIGHT)	25', 10'	49', 10'L/26'R	35', 15'	35', 15'	35', 15'
TAXIWAY C (WIDTH, SHOULDER WIDTH)	25', 10'	39', 12'	35', 15'	35', 15'	35', 15'
TAXIWAY D (WIDTH, SHOULDER WIDTH LEFT/RIGHT)	25', 10'	40', 8'L/6'R	35', 15'	ABANDON TAXIWAY	-
TAXIWAY E (WIDTH, SHOULDER WIDTH)	25', 10'	36', 13'	35', 15'	ABANDON TAXIWAY	-
TAXIWAY F (WIDTH, SHOULDER WIDTH)	25', 10'	35', 12'	15'	15'	15'
TAXILANE G (WIDTH, SHOULDER WIDTH)	25', 10'	36', 11'	35', 15'	35', 15'	35', 15'
RSA LENGTH BEYOND DEPARTURE END OF RW 13	240'	200'	300'	ABANDON RUNWAY	-
RSA LENGTH BEFORE THRESHOLD OF RW 13	240'	200'	300'	ABANDON RUNWAY	-
RW 13/31 WIDTH	60'	100'	75'	ABANDON RUNWAY	-
RW 16/3 WIDTH	60'	75'	75'	75'	75'

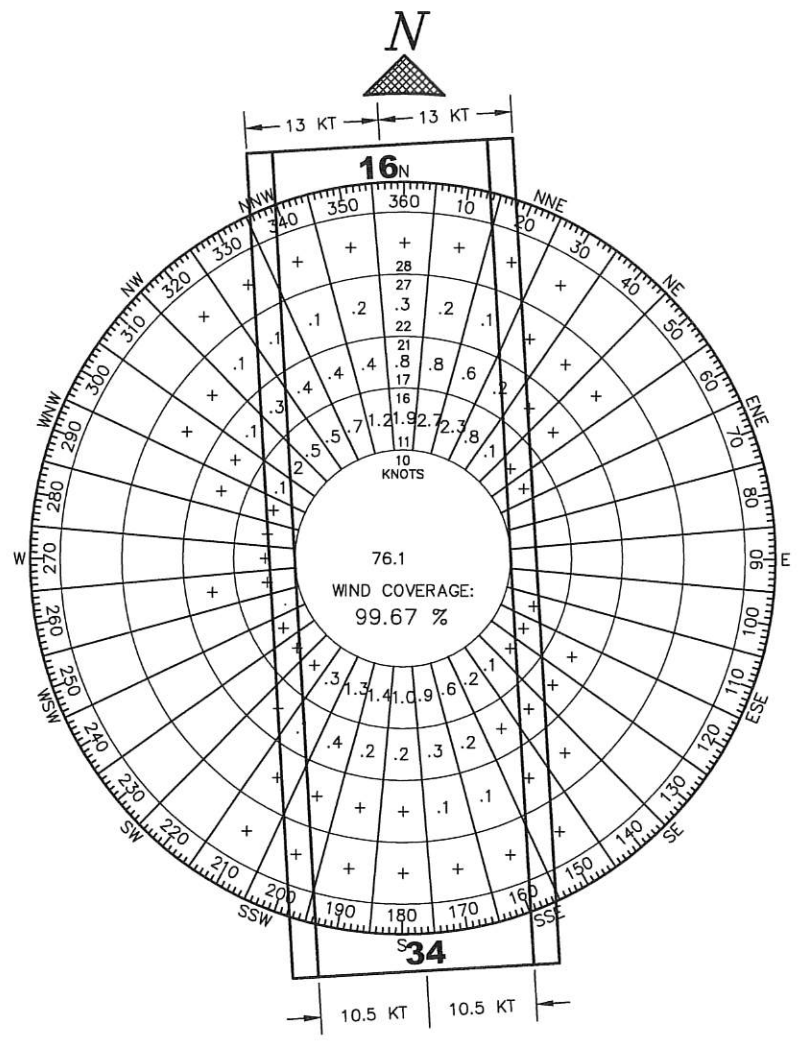
NOTE:
 1. UPON COMPLETION OF THE NEAR TERM DEVELOPMENT, THERE ARE NO NONSTANDARD CONDITIONS.

NOTES:

- ALL LATITUDE/LONGITUDE COORDINATES ARE NAD83.
- ALL ELEVATIONS ARE NAVD88.
- MAPPING BASED ON COMBINATION OF FIELD SURVEYED DATA COLLECTED MARCH 30, 2018, AND PHOTOGRAMMETRIC DATA COLLECTED ON JULY 15, 2014.

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION		DATE:	06/22/2022
		SHEET:	3 OF 31
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN		AIRPORT DATA SHEET (2 OF 2)	
BY	DATE	REVISION	

Date Plotted: 6/22/2022 1:01 PM
 Layout Name: 5 - Ultimate Wind Rose
 File Name: N:\Projects\18080AN-DOT_SND_MP\00413-SWP-ALP.dwg
 Designed By: EAT
 Drawn By: EFS
 Checked By: BHT

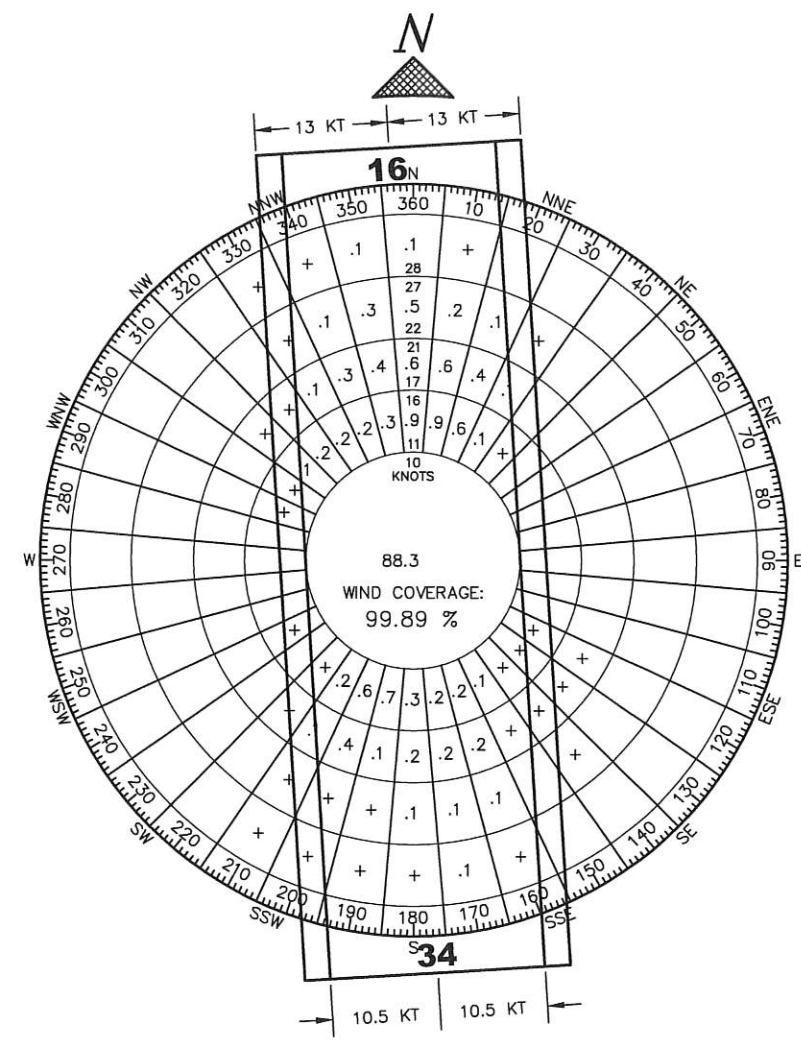


WIND DATA

NOTE: WIND SPEED IS INDICATED IN KNOTS.

ALL WEATHER WIND DATA		
RUNWAY	10.5 KT	13 KT
RW 16-34	98.94%	99.67%

SOURCE: FAA AIRPORT DATA AND INFORMATION PORTAL (ADIP)
 DATA BASED ON NATIONAL OCEANIC AND ATMOSPHERIC
 ADMINISTRATION (NOAA), INTEGRATED SURFACE DATABASE (ISD)
 DOWNLOADED: MARCH 3, 2022
 PERIOD: 2011-2020

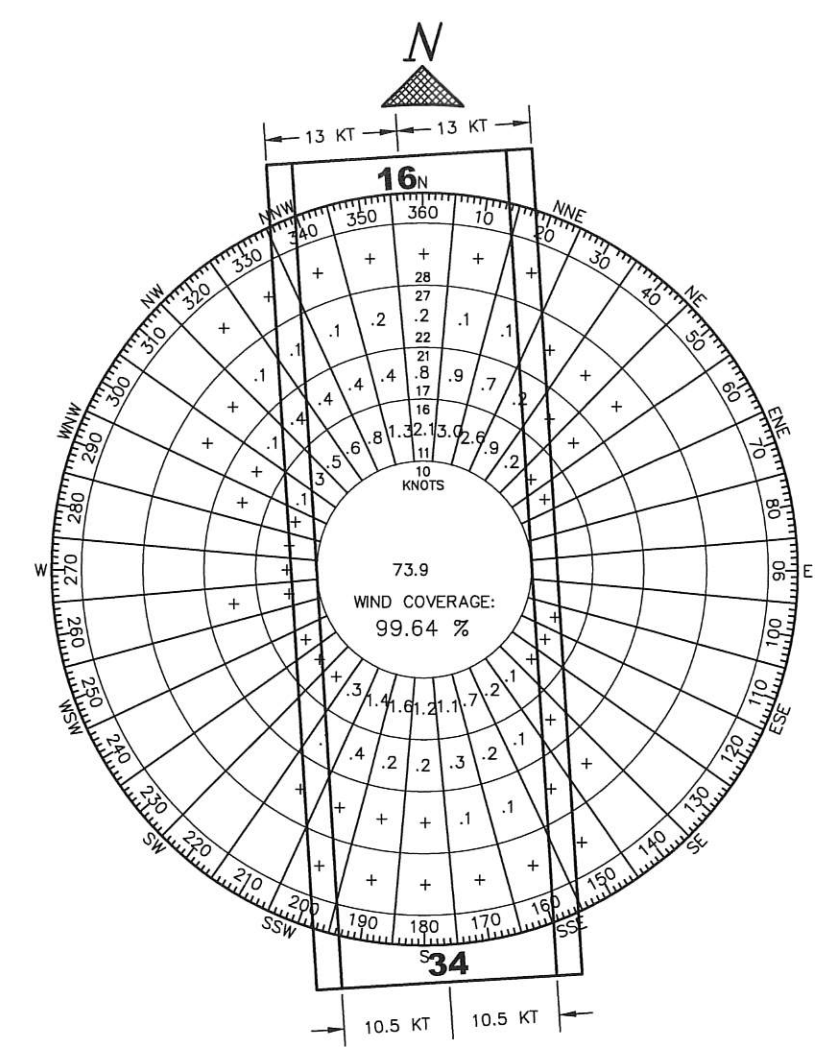


WIND DATA

NOTE: WIND SPEED IS INDICATED IN KNOTS.

IFR WIND DATA		
RUNWAY	10.5 KT	13 KT
RW 16-34	99.61%	99.89%

SOURCE: FAA AIRPORT DATA AND INFORMATION PORTAL (ADIP)
 DATA BASED ON NATIONAL OCEANIC AND ATMOSPHERIC
 ADMINISTRATION (NOAA), INTEGRATED SURFACE DATABASE (ISD)
 DOWNLOADED: MARCH 3, 2022
 PERIOD: 2011-2020



WIND DATA

NOTE: WIND SPEED IS INDICATED IN KNOTS.

VFR WIND DATA		
RUNWAY	10.5 KT	13 KT
RW 16-34	98.84%	99.64%

SOURCE: FAA AIRPORT DATA AND INFORMATION PORTAL (ADIP)
 DATA BASED ON NATIONAL OCEANIC AND ATMOSPHERIC
 ADMINISTRATION (NOAA), INTEGRATED SURFACE DATABASE (ISD)
 DOWNLOADED: MARCH 3, 2022
 PERIOD: 2011-2020

BY	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION	
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN ULTIMATE WIND ROSE	DATE: 06/22/2022 SHEET: 5 OF 31

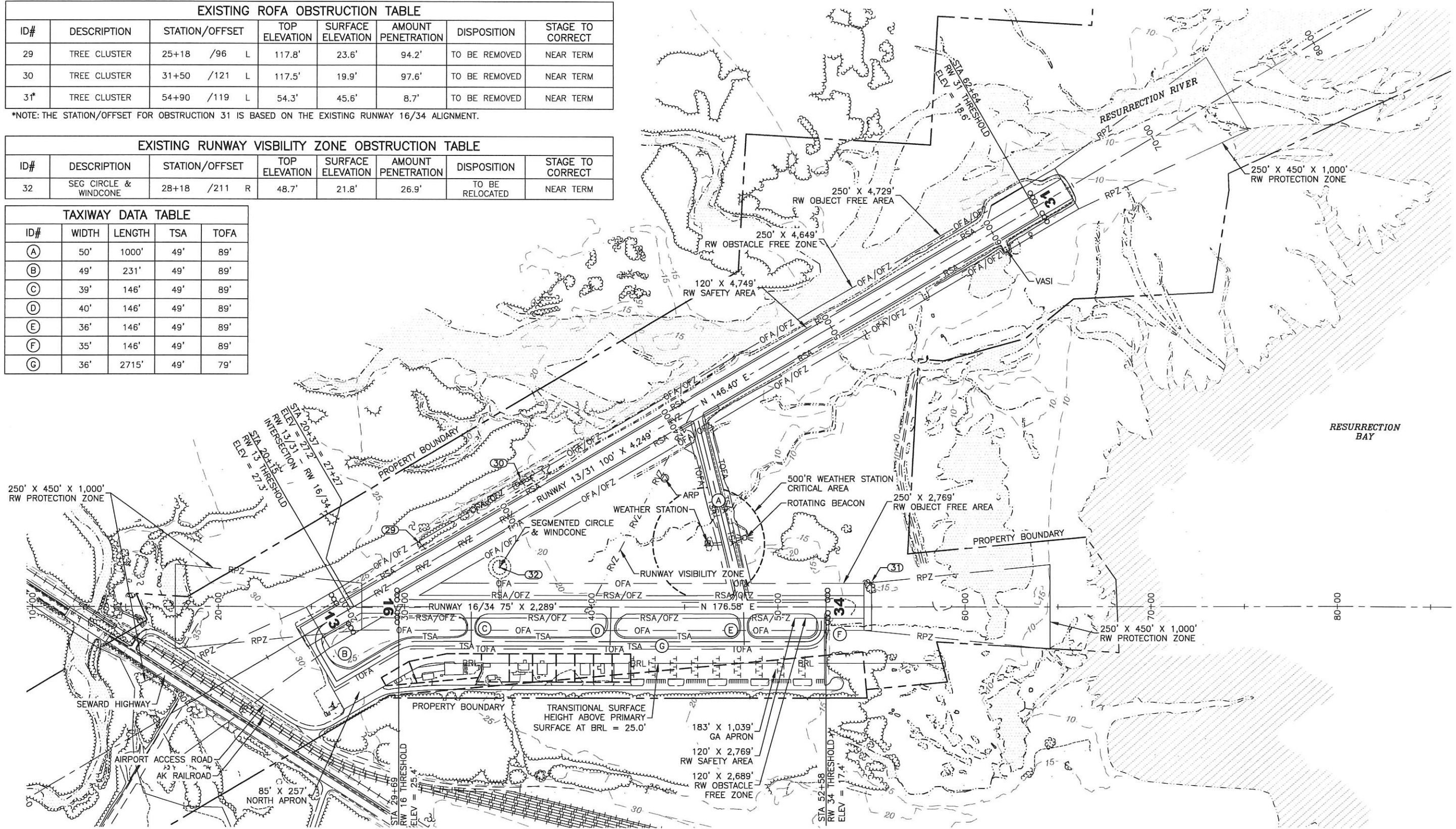
Designed By: EAT
 Drawn By: BJS
 Checked By: BHS

EXISTING ROFA OBSTRUCTION TABLE							
ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
29	TREE CLUSTER	25+18 /96 L	117.8'	23.6'	94.2'	TO BE REMOVED	NEAR TERM
30	TREE CLUSTER	31+50 /121 L	117.5'	19.9'	97.6'	TO BE REMOVED	NEAR TERM
31*	TREE CLUSTER	54+90 /119 L	54.3'	45.6'	8.7'	TO BE REMOVED	NEAR TERM

*NOTE: THE STATION/OFFSET FOR OBSTRUCTION 31 IS BASED ON THE EXISTING RUNWAY 16/34 ALIGNMENT.

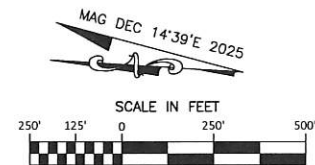
EXISTING RUNWAY VISIBILITY ZONE OBSTRUCTION TABLE							
ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
32	SEG CIRCLE & WINDCONE	28+18 /211 R	48.7'	21.8'	26.9'	TO BE RELOCATED	NEAR TERM

TAXIWAY DATA TABLE				
ID#	WIDTH	LENGTH	TSA	TOFA
(A)	50'	1000'	49'	89'
(B)	49'	231'	49'	89'
(C)	39'	146'	49'	89'
(D)	40'	146'	49'	89'
(E)	36'	146'	49'	89'
(F)	35'	146'	49'	89'
(G)	36'	2715'	49'	79'



NOTES:

- MAPPING BASED ON COMBINATION OF FIELD SURVEYED DATA COLLECTED MARCH 30, 2018, AND PHOTOGRAMMETRIC DATA COLLECTED ON JULY 15, 2014.



BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

SEWARD AIRPORT
 SEWARD, ALASKA
 AIRPORT LAYOUT PLAN

EXISTING LAYOUT

DATE:

06/22/2022

SHEET:

6

OF

31

Designed By: EAT
 Drawn By: CES
 Checked By: BH

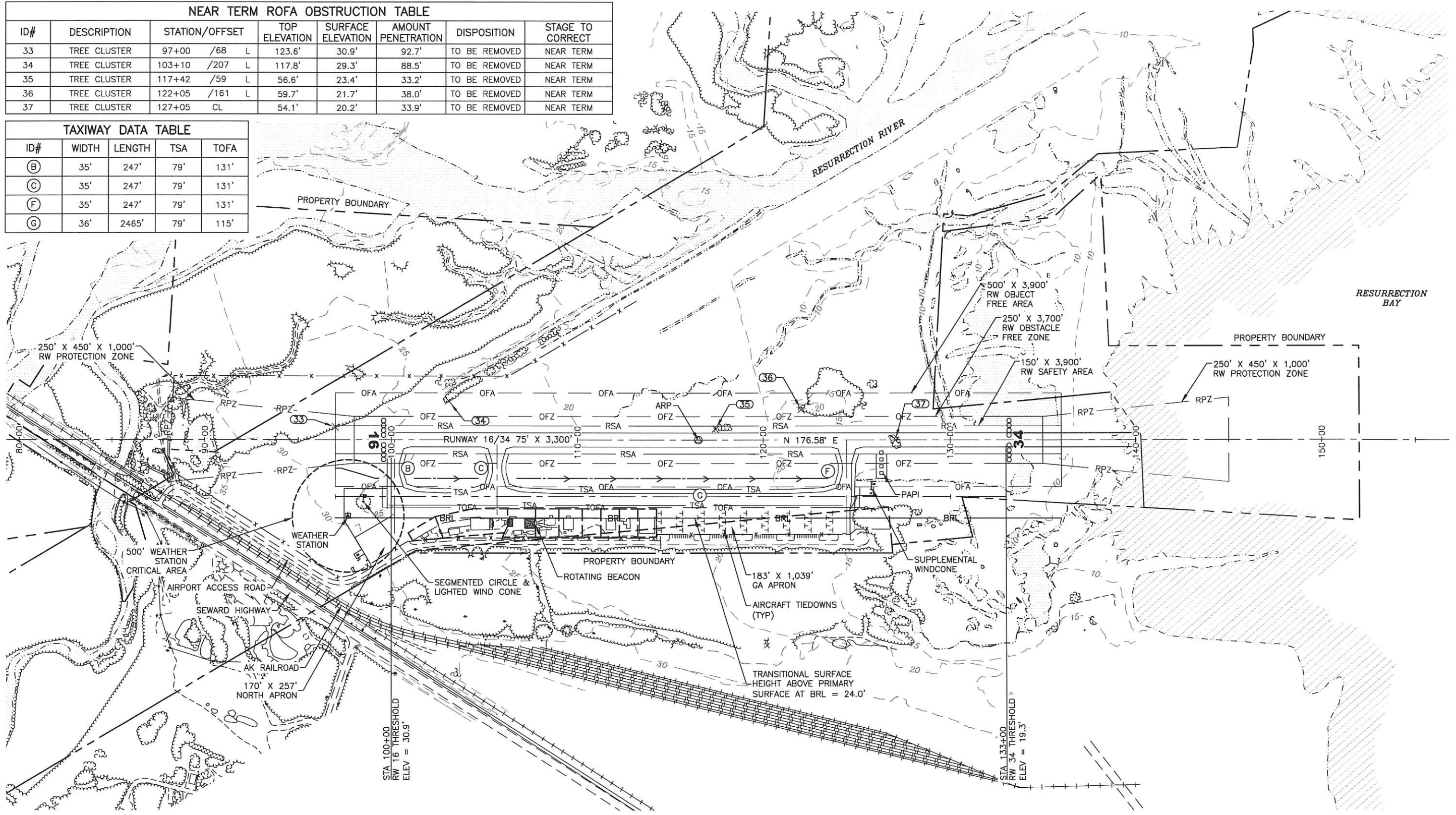
Date Plotted: 6/22/2022, 11:02 PM
 Layout Name: 7 NEAR TERM LAYOUT
 File Name: N:\Projects\BROB\AN-DOT-SWD-ALP-PLAN.dwg

NEAR TERM ROFA OBSTRUCTION TABLE

ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
33	TREE CLUSTER	97+00 /68 L	123.6'	30.9'	92.7'	TO BE REMOVED	NEAR TERM
34	TREE CLUSTER	103+10 /207 L	117.8'	29.3'	88.5'	TO BE REMOVED	NEAR TERM
35	TREE CLUSTER	117+42 /59 L	56.6'	23.4'	33.2'	TO BE REMOVED	NEAR TERM
36	TREE CLUSTER	122+05 /161 L	59.7'	21.7'	38.0'	TO BE REMOVED	NEAR TERM
37	TREE CLUSTER	127+05 CL	54.1'	20.2'	33.9'	TO BE REMOVED	NEAR TERM

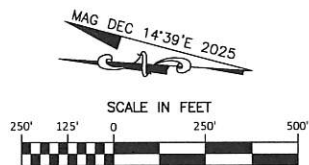
TAXIWAY DATA TABLE

ID#	WIDTH	LENGTH	TSA	TOFA
(B)	35'	247'	79'	131'
(C)	35'	247'	79'	131'
(F)	35'	247'	79'	131'
(G)	36'	2465'	79'	115'



NOTES:

- MAPPING BASED ON COMBINATION OF FIELD SURVEYED DATA COLLECTED MARCH 30, 2018, AND PHOTOGRAMMETRIC DATA COLLECTED ON JULY 15, 2014.



BY	DATE	REVISION

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

**SEWARD AIRPORT
 SEWARD, ALASKA
 AIRPORT LAYOUT PLAN
 NEAR TERM LAYOUT**

DATE: 06/22/2022
 SHEET: 7 OF 31

Designed By: EAT
 Drawn By: CES
 Checked By: BH

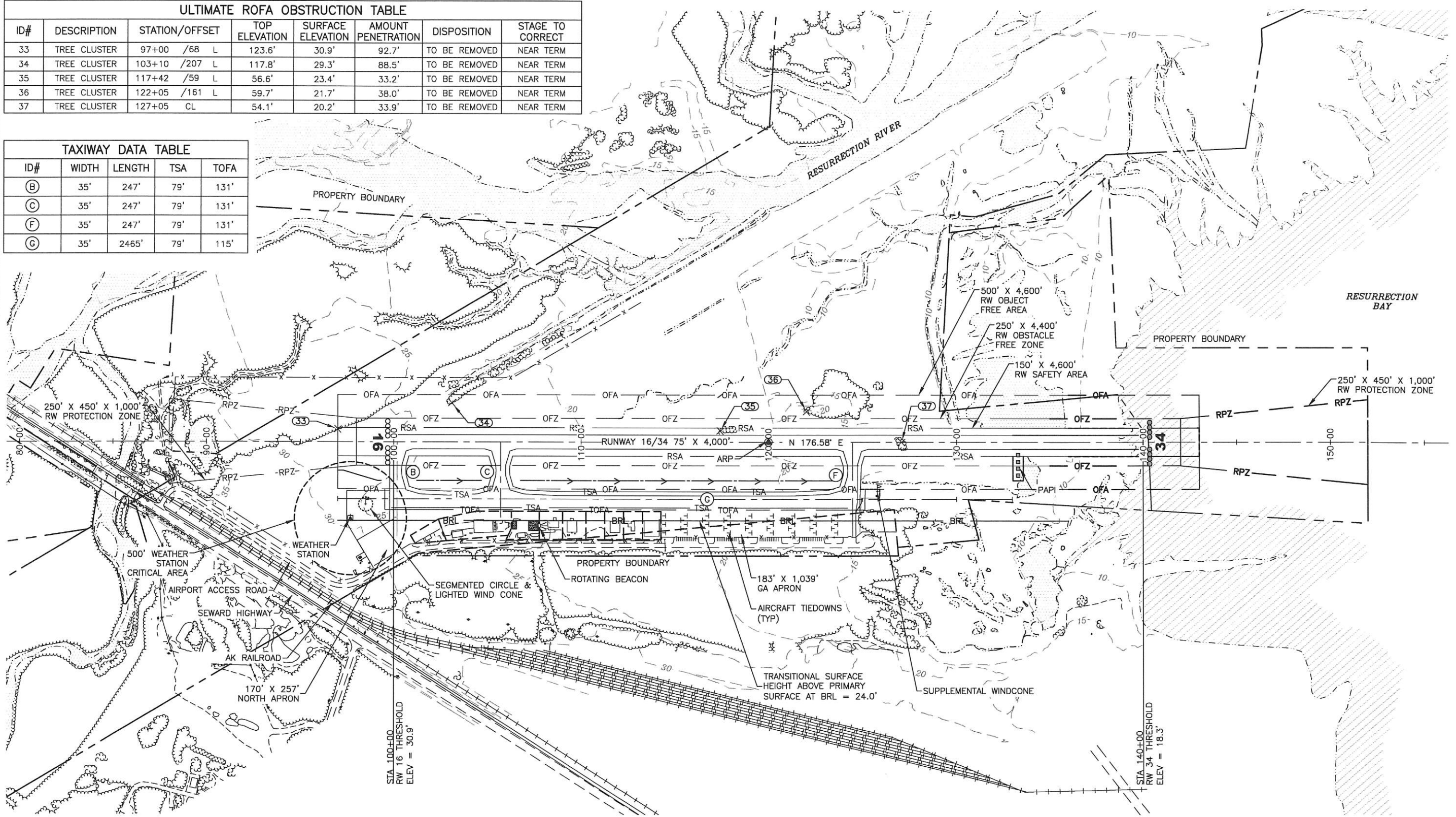
Date Plotted: 6/22/2022, 1:02 PM
 Layout Name: 8 ULTIMATE LAYOUT
 File Name: N:\Projects\190800\DOT_SWD_ALP\00413-SWD-ALP-PLAN.dwg

ULTIMATE ROFA OBSTRUCTION TABLE

ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
33	TREE CLUSTER	97+00 /68 L	123.6'	30.9'	92.7'	TO BE REMOVED	NEAR TERM
34	TREE CLUSTER	103+10 /207 L	117.8'	29.3'	88.5'	TO BE REMOVED	NEAR TERM
35	TREE CLUSTER	117+42 /59 L	56.6'	23.4'	33.2'	TO BE REMOVED	NEAR TERM
36	TREE CLUSTER	122+05 /161 L	59.7'	21.7'	38.0'	TO BE REMOVED	NEAR TERM
37	TREE CLUSTER	127+05 CL	54.1'	20.2'	33.9'	TO BE REMOVED	NEAR TERM

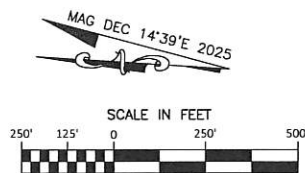
TAXIWAY DATA TABLE

ID#	WIDTH	LENGTH	TSA	TOFA
(B)	35'	247'	79'	131'
(C)	35'	247'	79'	131'
(F)	35'	247'	79'	131'
(G)	35'	2465'	79'	115'



NOTES:

- MAPPING BASED ON COMBINATION OF FIELD SURVEYED DATA COLLECTED MARCH 30, 2018, AND PHOTOGRAMMETRIC DATA COLLECTED ON JULY 15, 2014.



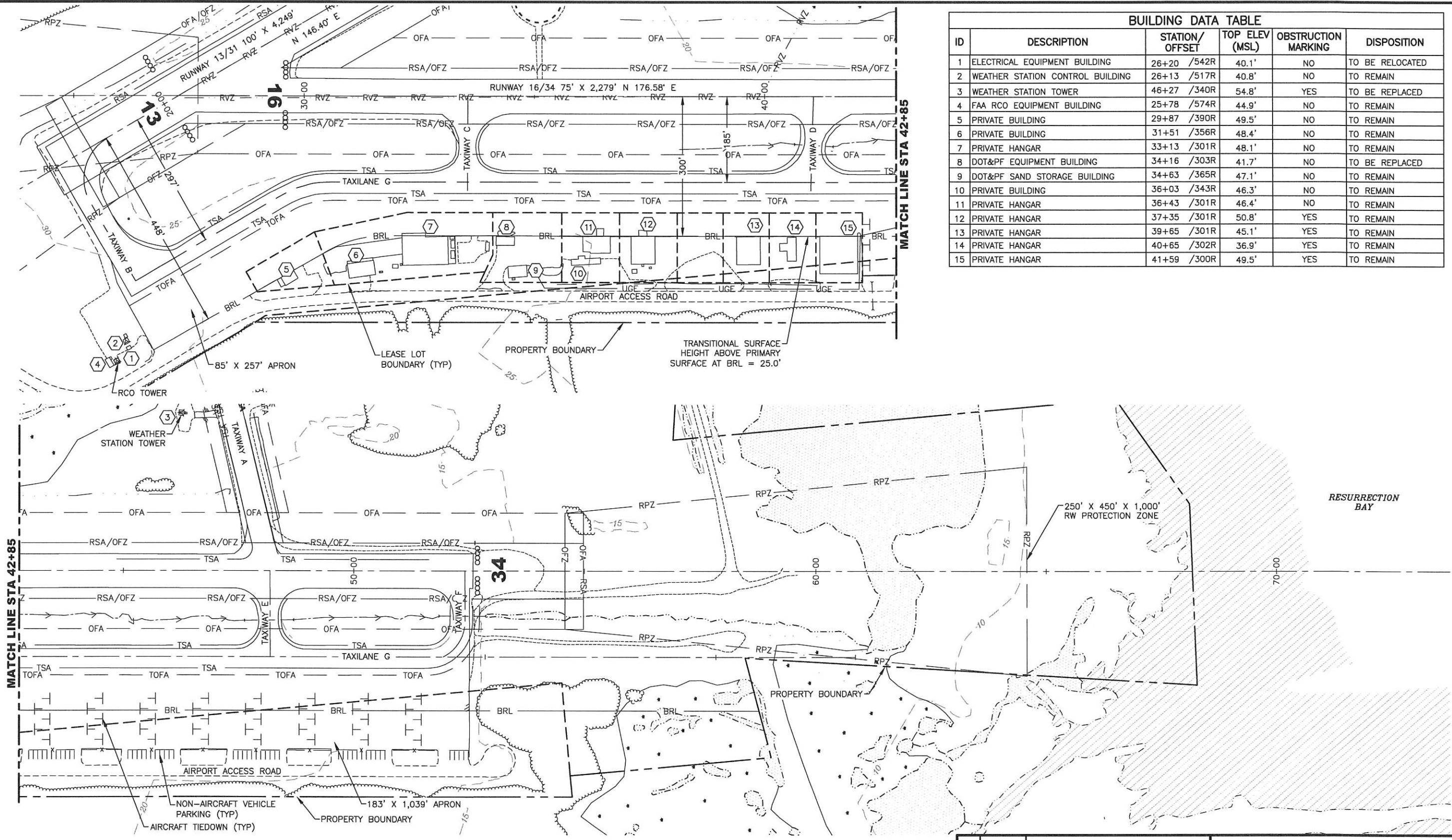
BY	DATE	REVISION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

SEWARD AIRPORT
 SEWARD, ALASKA
 AIRPORT LAYOUT PLAN
 ULTIMATE LAYOUT

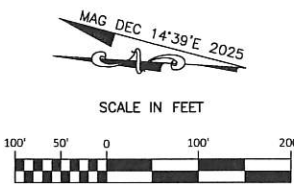
DATE:
 06/22/2022
 SHEET:
 8 OF 31

Date Plotted: 6/22/2022, 1:02 PM
 Layout Name: 9 EXISTING TERMINAL PLAN
 File Name: N:\Projects\060604\DOT_SMP\ALP\0413-SMP-ALP-PLAN.dwg
 Drawn By: CES
 Checked By: BH



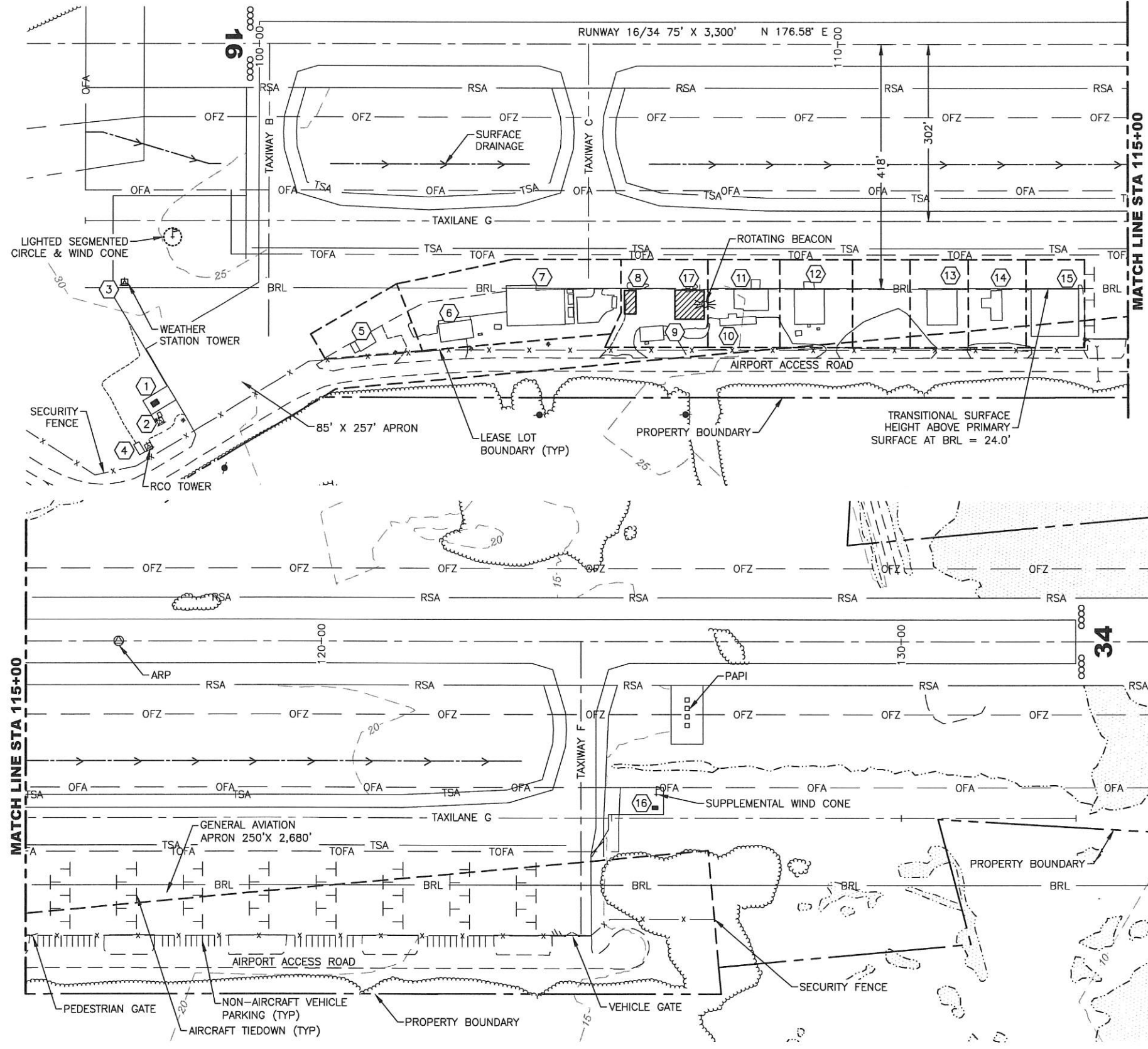
BUILDING DATA TABLE					
ID	DESCRIPTION	STATION/OFFSET	TOP ELEV (MSL)	OBSTRUCTION MARKING	DISPOSITION
1	ELECTRICAL EQUIPMENT BUILDING	26+20 /542R	40.1'	NO	TO BE RELOCATED
2	WEATHER STATION CONTROL BUILDING	26+13 /517R	40.8'	NO	TO REMAIN
3	WEATHER STATION TOWER	46+27 /340R	54.8'	YES	TO BE REPLACED
4	FAA RCO EQUIPMENT BUILDING	25+78 /574R	44.9'	NO	TO REMAIN
5	PRIVATE BUILDING	29+87 /390R	49.5'	NO	TO REMAIN
6	PRIVATE BUILDING	31+51 /356R	48.4'	NO	TO REMAIN
7	PRIVATE HANGAR	33+13 /301R	48.1'	NO	TO REMAIN
8	DOT&PF EQUIPMENT BUILDING	34+16 /303R	41.7'	NO	TO BE REPLACED
9	DOT&PF SAND STORAGE BUILDING	34+63 /365R	47.1'	NO	TO REMAIN
10	PRIVATE BUILDING	36+03 /343R	46.3'	NO	TO REMAIN
11	PRIVATE HANGAR	36+43 /301R	46.4'	NO	TO REMAIN
12	PRIVATE HANGAR	37+35 /301R	50.8'	YES	TO REMAIN
13	PRIVATE HANGAR	39+65 /301R	45.1'	YES	TO REMAIN
14	PRIVATE HANGAR	40+65 /302R	36.9'	YES	TO REMAIN
15	PRIVATE HANGAR	41+59 /300R	49.5'	YES	TO REMAIN

- NOTES:**
- ELEVATIONS ARE BASED ON ASSUMED STRUCTURE HEIGHTS AND GROUND ELEVATION FOR BUILDINGS 1, 2, 3, AND 4.
 - NO ELEVATION INFORMATION WAS AVAILABLE FOR BUILDINGS 5, 6, 9, AND 10. ELEVATIONS ARE ESTIMATED BASED ON SURROUNDING BUILDING HEIGHTS AND GROUND ELEVATION.
 - ELEVATIONS ARE BASED ON FIELD SURVEYED DATA COLLECTED MARCH 30, 2018, FOR BUILDINGS 7, 8, AND 11 THROUGH 15.
 - TRANSITIONAL SURFACE ELEVATION AT BRL IS 50.4'.



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION	
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN EXISTING TERMINAL PLAN	DATE: 06/22/2022 SHEET: 9 OF 31
BY _____	DATE _____
REVISION _____	_____

Date Plotted: 6/22/2022, 1:03 PM
 Layout Name: 10 NEAR TERM TERMINAL PLAN
 File Name: N:\Projects\15080\AN-DOT_SND_MPA\CA\0413-SND-ALP-PLAN.dwg
 Drawn By: CES
 Checked By: BH



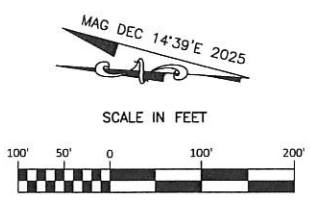
BUILDING DATA TABLE					
ID	DESCRIPTION	STATION/OFFSET	TOP ELEV (MSL)	OBSTRUCTION MARKING	DISPOSITION
1	ELECTRICAL EQUIPMENT BUILDING	98+20 /614R	41.5'	YES	TO REMAIN
2	WEATHER STATION CONTROL BUILDING	98+28 /634R	40.8'	NO	TO REMAIN
3	WEATHER STATION TOWER	97+68 /408R	65.7'	YES	TO REMAIN
4	FAA RCO EQUIPMENT BUILDING	97+93 /692R	44.9'	NO	TO REMAIN
5	PRIVATE BUILDING	102+02 /508R	49.5'	NO	TO REMAIN
6	PRIVATE BUILDING	103+66 /474R	48.4'	NO	TO REMAIN
7	PRIVATE HANGAR	105+28 /419R	48.1'	NO	TO REMAIN
8	DOT&PF EQUIPMENT BUILDING	106+32 /420R	41.7'	NO	TO REMAIN
9	DOT&PF SAND STORAGE BUILDING	106+78 /482R	47.1'	NO	TO REMAIN
10	PRIVATE BUILDING	108+18 /461R	46.3'	NO	TO REMAIN
11	PRIVATE HANGAR	108+58 /419R	46.4'	NO	TO REMAIN
12	PRIVATE HANGAR	109+51 /419R	50.8'	YES	TO REMAIN
13	PRIVATE HANGAR	111+80 /419R	45.1'	YES	TO REMAIN
14	PRIVATE HANGAR	112+81 /420R	36.9'	YES	TO REMAIN
15	PRIVATE HANGAR	113+75 /418R	49.5'	YES	TO REMAIN
16	FAA EQUIPMENT BUILDING	125+75 /285R	27.4'	NO	TO REMAIN
17	DOT&PF SNOW REMOVAL EQUIPMENT BUILDING	507+44 /118R	45.4'	YES	TO REMAIN

MATCH LINE STA 115+00

MATCH LINE STA 115+00

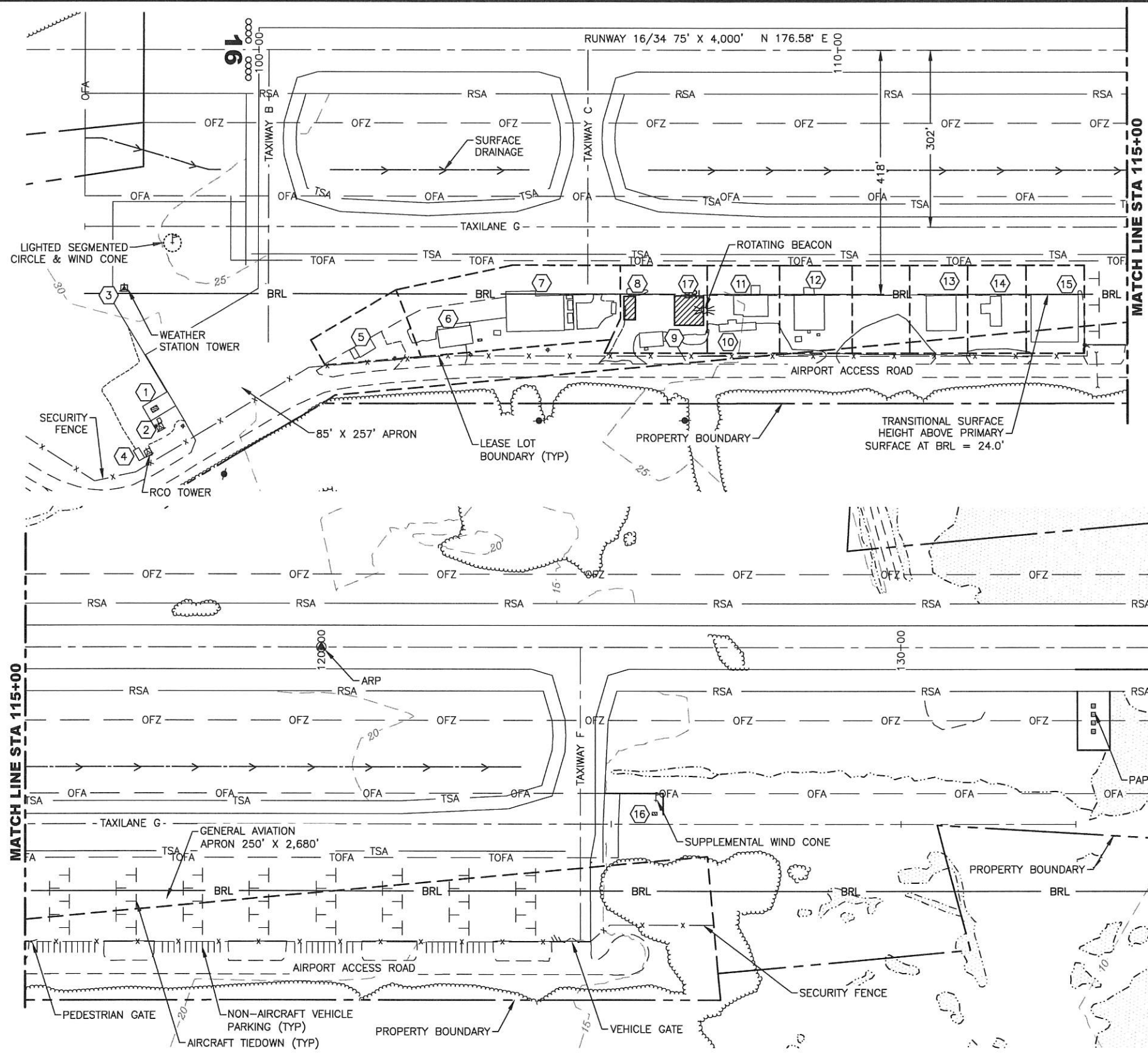
NOTES:

- ELEVATIONS ARE BASED ON ASSUMED STRUCTURE HEIGHTS AND GROUND ELEVATION FOR BUILDINGS 1 THROUGH 4 AND 16.
- NO ELEVATION INFORMATION WAS AVAILABLE FOR BUILDINGS 5, 6, 9, AND 10. ELEVATIONS ARE ESTIMATED BASED ON SURROUNDING BUILDING HEIGHTS AND GROUND ELEVATION.
- ELEVATIONS ARE BASED ON FIELD SURVEYED DATA COLLECTED MARCH 30, 2018, FOR BUILDINGS 7, 8, AND 11 THROUGH 15.
- TRANSITIONAL SURFACE ELEVATION AT BRL IS 54.9'.



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION		SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN NEAR TERM TERMINAL PLAN	DATE: 06/22/2022
			SHEET: 10 OF 31
			BY: _____ DATE: _____ REVISION: _____

Date Plotted: 6/22/2022, 1:03 PM
 Layout Name: 11 ULTIMATE TERMINAL PLAN
 File Name: N:\Projects\19080AN-DOT_SND_LP\0413-SWC-ALP-PLAN.dwg
 Drawn By: EAT
 Checked By: BH



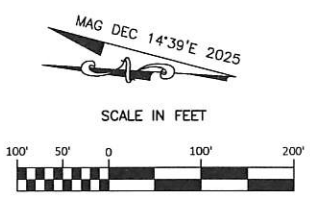
BUILDING DATA TABLE					
ID	DESCRIPTION	STATION/OFFSET	TOP ELEV (MSL)	OBSTRUCTION MARKING	DISPOSITION
1	ELECTRICAL EQUIPMENT BUILDING	98+20 /614R	41.5'	YES	TO REMAIN
2	WEATHER STATION CONTROL BUILDING	98+28 /634R	40.8'	NO	TO REMAIN
3	WEATHER STATION TOWER	97+68 /408R	65.7'	YES	TO REMAIN
4	FAA RCO EQUIPMENT BUILDING	97+93 /692R	44.9'	NO	TO REMAIN
5	PRIVATE BUILDING	102+02 /508R	49.5'	NO	TO REMAIN
6	PRIVATE BUILDING	103+66 /474R	48.4'	NO	TO REMAIN
7	PRIVATE HANGAR	105+28 /419R	48.1'	NO	TO REMAIN
8	DOT&PF EQUIPMENT BUILDING	106+32 /420R	41.7'	NO	TO REMAIN
9	DOT&PF SAND STORAGE BUILDING	106+78 /482R	47.1'	NO	TO REMAIN
10	PRIVATE BUILDING	108+18 /461R	46.3'	NO	TO REMAIN
11	PRIVATE HANGAR	108+58 /419R	46.4'	NO	TO REMAIN
12	PRIVATE HANGAR	109+51 /419R	50.8'	YES	TO REMAIN
13	PRIVATE HANGAR	111+80 /419R	45.1'	YES	TO REMAIN
14	PRIVATE HANGAR	112+81 /420R	36.9'	YES	TO REMAIN
15	PRIVATE HANGAR	113+75 /418R	49.5'	YES	TO REMAIN
16	FAA EQUIPMENT BUILDING	125+75 /285R	27.4'	NO	TO REMAIN
17	DOT&PF SNOW REMOVAL EQUIPMENT BUILDING	507+44 /118R	45.4'	YES	TO REMAIN

MATCH LINE STA 115+00

MATCH LINE STA 115+00

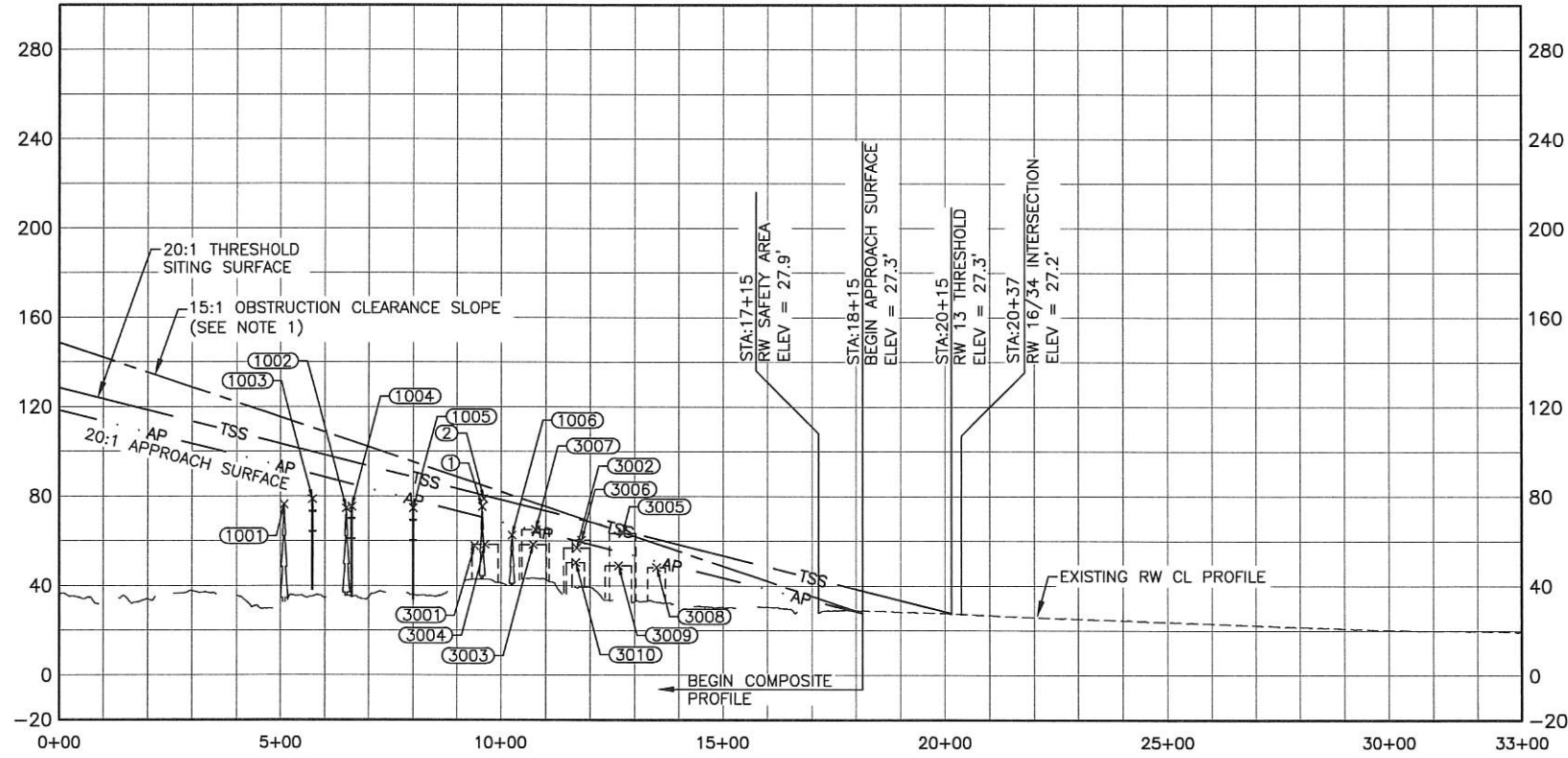
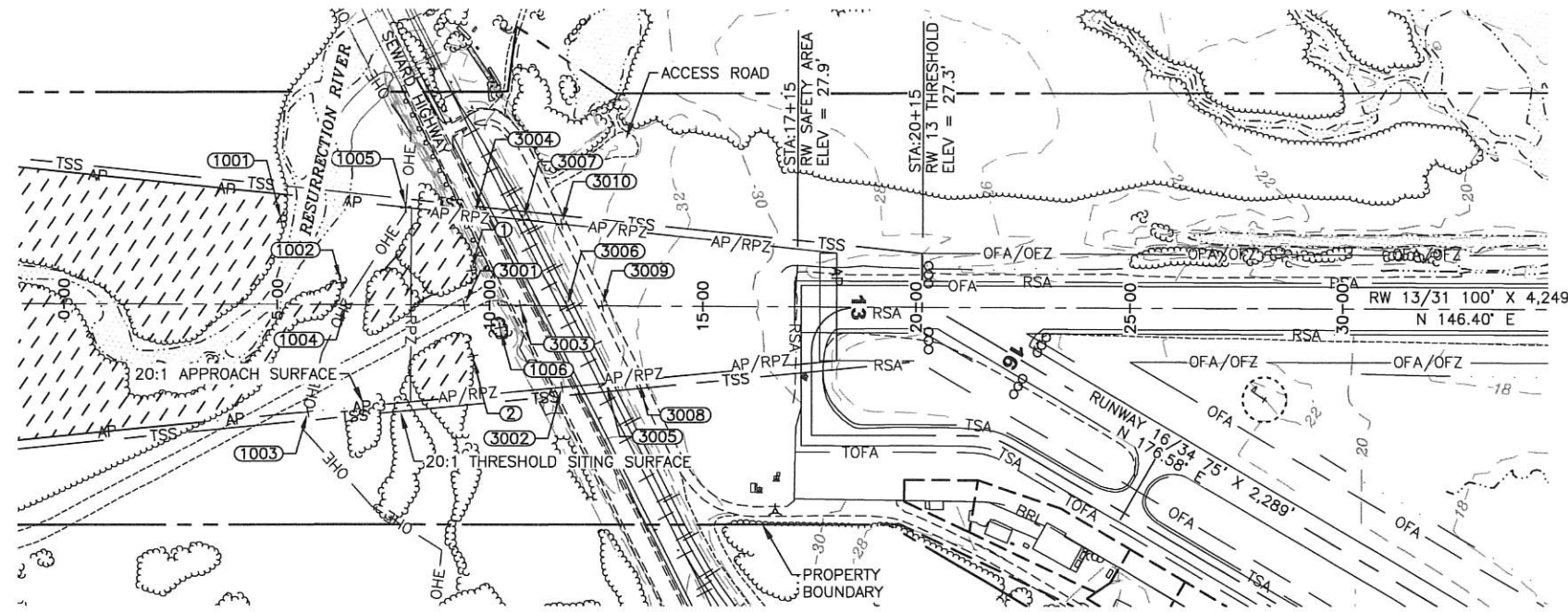
NOTES:

- ELEVATIONS ARE BASED ON ASSUMED STRUCTURE HEIGHTS AND GROUND ELEVATION FOR BUILDINGS 1 THROUGH 4 AND 16.
- NO ELEVATION INFORMATION WAS AVAILABLE FOR BUILDINGS 5, 6, 9, AND 10. ELEVATIONS ARE ESTIMATED BASED ON SURROUNDING BUILDING HEIGHTS AND GROUND ELEVATION.
- ELEVATIONS ARE BASED ON FIELD SURVEYED DATA COLLECTED MARCH 30, 2018, FOR BUILDINGS 7, 8, AND 11 THROUGH 15.
- TRANSITIONAL SURFACE ELEVATION AT BRL IS 54.9'.



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION	
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN ULTIMATE TERMINAL PLAN	DATE: 06/22/2022 SHEET: 11 OF 31
BY	DATE
REVISION	

Designed By: EAT
 Drawn By: CES
 Checked By: BH

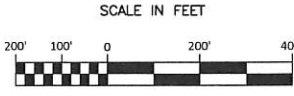
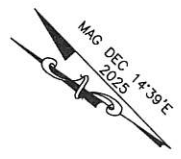


LEGEND

SURFACE OBSTRUCTION BOUNDARY

NOTES:

1. THE CONTROLLING OBSTRUCTION FOR THE APPROACH TO RUNWAY 13 IS OBSTRUCTION 3005. THE OBSTRUCTION CLEARANCE SLOPE IS ESTABLISHED AS 15:1.
2. THRESHOLD SITING CRITERIA IS BASED ON ENGINEERING BRIEF No. 99A TO AC 150/5300-13A, CHANGE 1, TABLE 3-2, LINE 2.
3. MAPPING BASED ON COMBINATION OF FIELD SURVEY DATA COLLECTED MARCH 30, 2018, PHOTOGRAMMETRIC DATA COLLECTED JULY 15, 2014, AND USGS (A-7, 2018) MAP.
4. SEE AIRSPACE PART 77 SHEET FOR OBSTRUCTIONS TO PART 77 SURFACES.



BY	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION	
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN	DATE: 06/22/2022 SHEET: 12 OF 31
EXISTING INNER PORTION OF APPROACH SURFACE RUNWAY 13	

Date Plotted: 6/22/2022, 1:05 PM
 Layout Name: 12 Existing Inner Portion of Approach Surface Runway 13
 File Name: N:\Projects\180808\DOT_MP_V\DOT13-SND-ALP-APPR.dwg

Date Plotted: 8/22/2022 1:05 PM
 Layout Name: 13 Existing obstruction tables runway 13
 File Name: N:\Projects\18080AN-DOT_SND_WP\00413-SWD-ALP-APPR.dwg
 Designed By: EXT
 Drawn By: CFS
 Checked By: BH

EXISTING INNER APPROACH OBSTRUCTIONS (RUNWAY 13)

ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
1	TREE CLUSTER	9+57 /81 L	75.3'	70.6'	4.7'	TO REMAIN	N/A
2	TREE CLUSTER	9+61 /118 R	78.8'	70.4'	8.4'	TO REMAIN	N/A
1001	TREE CLUSTER	5+09 /192 L	76.3'	93.0'	-16.7'	TO REMAIN	N/A
1002	TREE CLUSTER	6+49 /51 L	74.6'	86.0'	-11.4'	TO REMAIN	N/A
1003	POWERLINE	5+72 /249 R	78.7'	89.8'	-11.1'	TO REMAIN	N/A
1004	POWERLINE	6+61 CL	75.4'	85.4'	-10.0'	TO REMAIN	N/A
1005	POWERLINE	8+00 /227 L	74.7'	78.4'	-3.7'	TO REMAIN	N/A
1006	TREE CLUSTER	10+25 /52 R	62.6'	67.2'	-4.6'	TO REMAIN	N/A
3001	ROAD +15	9+40 CL	57.9'	71.5'	-13.6'	TO REMAIN	N/A
3002	SEWARD HIGHWAY +15	11+70 /189 R	56.9'	60.0'	-3.1'	TO REMAIN	N/A
3003	SEWARD HIGHWAY +15	10+72 CL	58.4'	64.8'	-6.4'	TO REMAIN	N/A
3004	SEWARD HIGHWAY +15	9+64 /210 L	58.5'	70.2'	-11.7'	TO REMAIN	N/A
3005	ALASKA RAILROAD +25	12+73 /179 R	63.4'	54.8'	8.6'	TO REMAIN	N/A
3006	ALASKA RAILROAD +25	11+81 CL	60.4'	59.4'	1.0'	TO REMAIN	N/A
3007	ALASKA RAILROAD +25	10+78 /199 L	65.1'	64.6'	0.5'	TO REMAIN	N/A
3008	AIRPORT ACCESS ROAD +15	13+50 /172 R	48.2'	51.0'	-2.8'	TO REMAIN	N/A
3009	AIRPORT ACCESS ROAD +15	12+63 CL	49.0'	55.3'	-6.3'	TO REMAIN	N/A
3010	AIRPORT ACCESS ROAD +15	11+68 /190 L	50.4'	60.1'	-9.7'	TO REMAIN	N/A

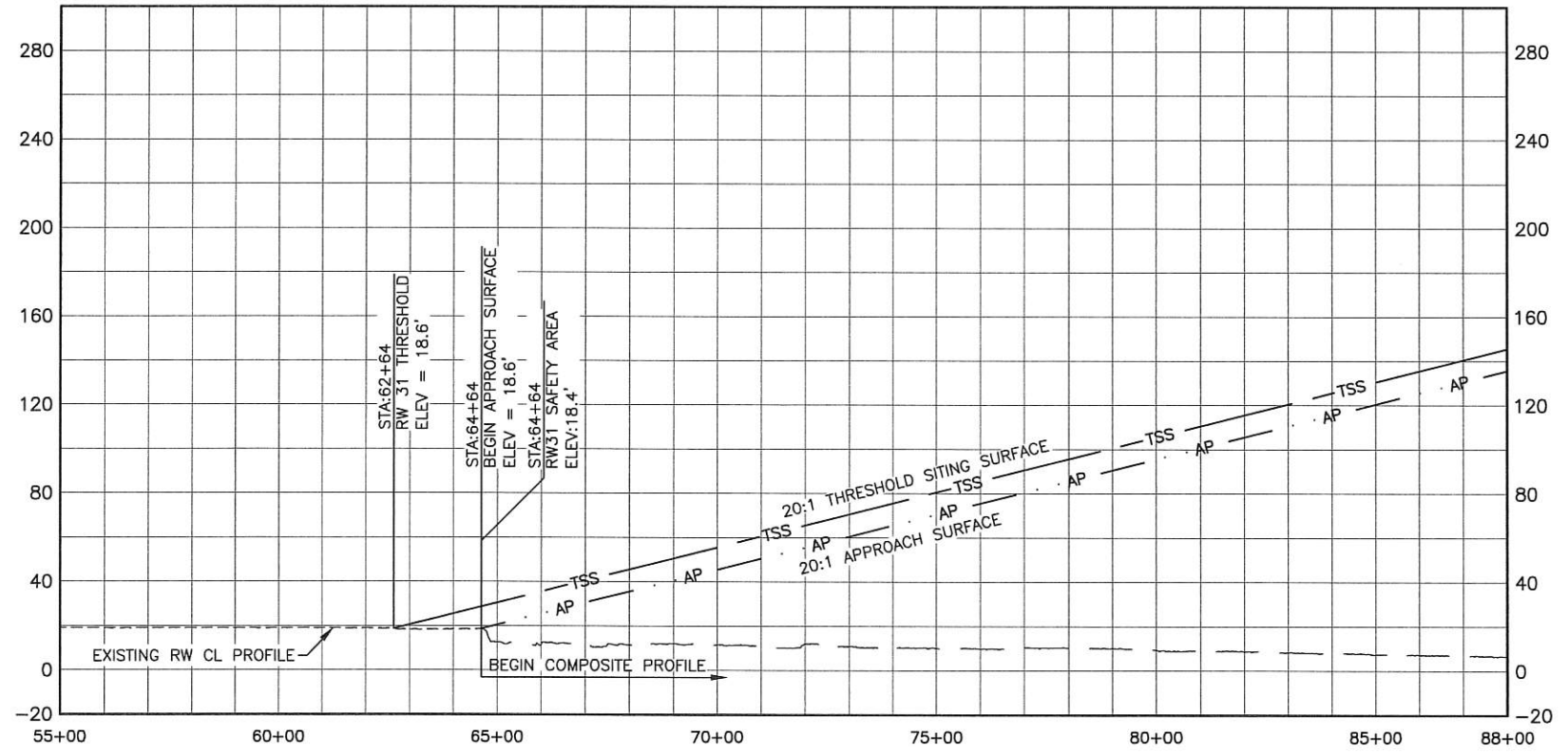
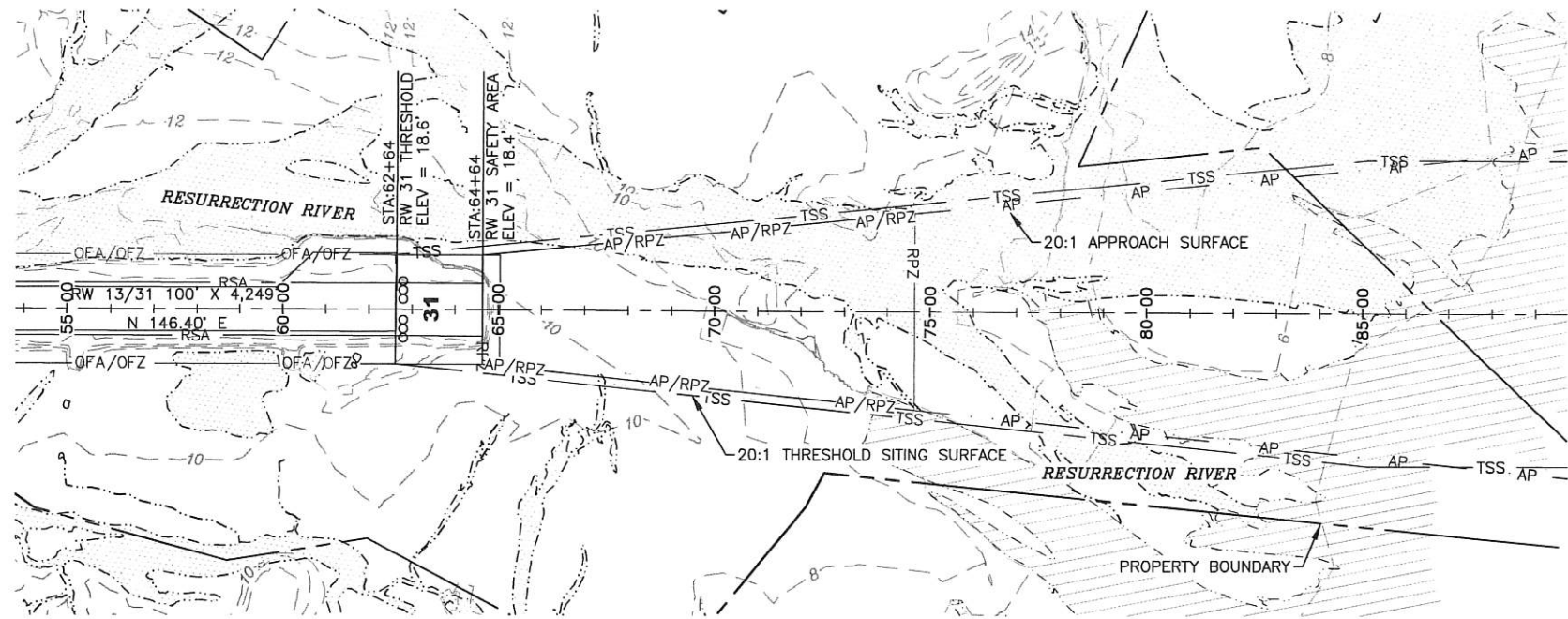
EXISTING TSS OBSTRUCTIONS (RUNWAY 13)

ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
1	TREE CLUSTER	9+57 /81 L	75.3'	80.6'	-5.3'	TO REMAIN	N/A
2	TREE CLUSTER	9+61 /118 R	78.8'	80.4'	-1.6'	TO REMAIN	N/A
1001	TREE CLUSTER	5+09 /192 L	76.3'	103.0'	-26.7'	TO REMAIN	N/A
1002	TREE CLUSTER	6+49 /51 L	74.6'	96.0'	-21.4'	TO REMAIN	N/A
1003	POWERLINE	5+72 /249 R	78.7'	99.8'	-21.1'	TO REMAIN	N/A
1004	POWERLINE	6+61 CL	75.4'	95.4'	-20.0'	TO REMAIN	N/A
1005	POWERLINE	8+00 /227 L	74.7'	88.4'	-13.7'	TO REMAIN	N/A
1006	TREE CLUSTER	10+25 /52 R	62.6'	77.2'	-14.6'	TO REMAIN	N/A
3001	ROAD +15	9+40 CL	57.9'	81.5'	-23.6'	TO REMAIN	N/A
3002	SEWARD HIGHWAY +15	11+70 /189 R	56.9'	70.0'	-13.1'	TO REMAIN	N/A
3003	SEWARD HIGHWAY +15	10+72 CL	58.4'	74.8'	-16.4'	TO REMAIN	N/A
3004	SEWARD HIGHWAY +15	9+64 /210 L	58.5'	80.2'	-21.7'	TO REMAIN	N/A
3005	ALASKA RAILROAD +25	12+73 /179 R	63.4'	64.8'	-1.4'	TO REMAIN	N/A
3006	ALASKA RAILROAD +25	11+81 CL	64.4'	69.4'	-5.0'	TO REMAIN	N/A
3007	ALASKA RAILROAD +25	10+78 /199 L	65.1'	74.6'	-9.5'	TO REMAIN	N/A
3008	AIRPORT ACCESS ROAD +15	13+50 /172 R	48.2'	61.0'	-12.8'	TO REMAIN	N/A
3009	AIRPORT ACCESS ROAD +15	12+63 CL	49.0'	65.3'	-16.3'	TO REMAIN	N/A
3010	AIRPORT ACCESS ROAD +15	11+68 /190 L	50.4'	70.1'	-19.7'	TO REMAIN	N/A

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION		DATE: 06/22/2022
		SHEET: 13 OF 31
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN		
EXISTING OBSTRUCTION TABLES RUNWAY 13		
BY	DATE	REVISION

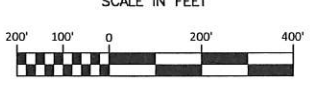
Designed By: EAT
 Drawn By: GCS
 Checked By: BH

Date Plotted: 6/22/2022, 1:05 PM
 Layout Name: 14 Existing Inner Portion of Approach Surface Runway 31
 File Name: N:\Projects\1918\B04\DOT_SWD_LP\00413-SWD-ALP-APPR.dwg



NOTES:

1. THERE ARE NO INNER APPROACH OR THRESHOLD SITING SURFACE PENETRATIONS FOR RUNWAY 31. THE OBSTRUCTION CLEARANCE SLOPE IS ESTABLISHED AS 50:1.
2. THRESHOLD SITING CRITERIA IS BASED ON ENGINEERING BRIEF No. 99A TO AC 150/5300-13A, CHANGE 1, TABLE 3-2, LINE 2.
3. MAPPING BASED ON COMBINATION OF FIELD SURVEY DATA COLLECTED MARCH 30, 2018, PHOTOGRAMMETRIC DATA COLLECTED JULY 15, 2014, AND USGS (A-7, 2018) MAP.
4. SEE AIRSPACE PART 77 SHEET FOR OBSTRUCTIONS TO PART 77 SURFACES.



BY	DATE	REVISION

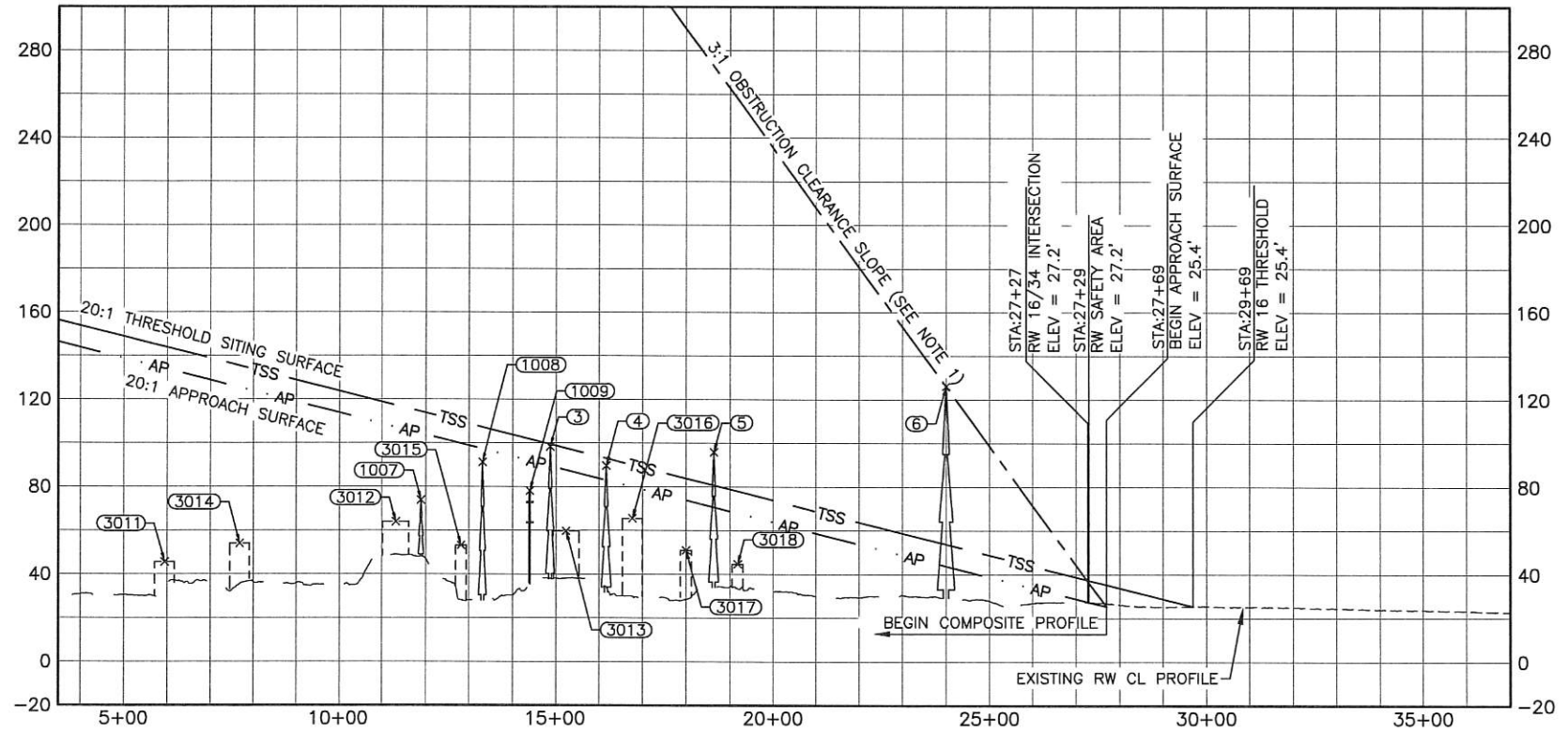
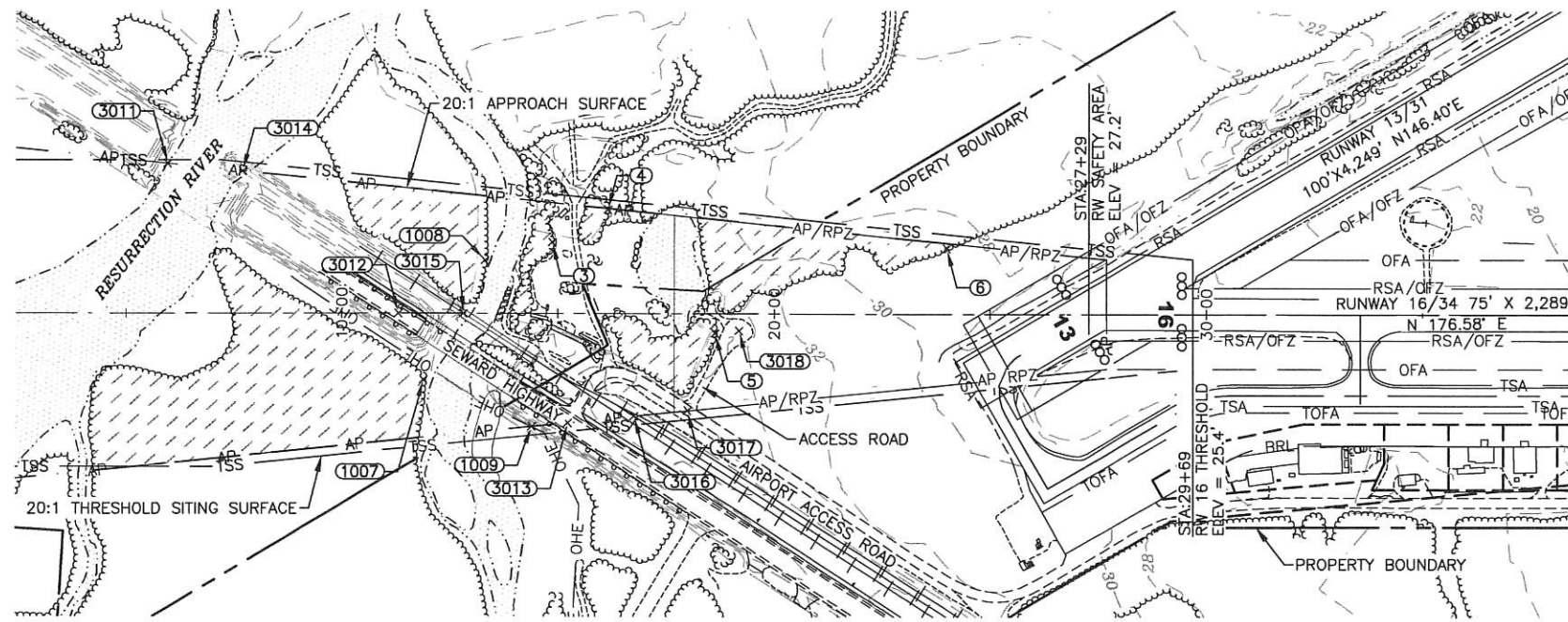
**STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION**

SEWARD AIRPORT
 SEWARD, ALASKA
 AIRPORT LAYOUT PLAN

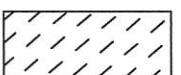
EXISTING INNER PORTION OF APPROACH SURFACE RUNWAY 31

DATE:
06/22/2022
SHEET:
14
OF
31

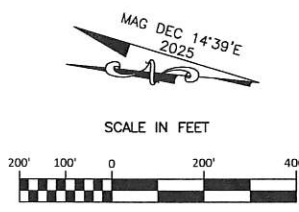
Designed By: EAT
 Drawn By: CES
 Checked By: BH



LEGEND

 SURFACE OBSTRUCTION BOUNDARY

- NOTES:**
1. THE CONTROLLING OBSTRUCTION FOR THE APPROACH TO RUNWAY 6 IS OBSTRUCTION 10. THE OBSTRUCTION CLEARANCE SLOPE IS ESTABLISHED AS 3:1.
 2. THRESHOLD SITING CRITERIA IS BASED ON ENGINEERING BRIEF No. 99A TO AC 150/5300-13A, CHANGE 1, TABLE 3-2, LINE 2.
 3. MAPPING BASED ON COMBINATION OF FIELD SURVEY DATA COLLECTED MARCH 30, 2018, PHOTOGRAMMETRIC DATA COLLECTED JULY 15, 2014, AND USGS (A-7, 2018) MAP.
 4. SEE AIRSPACE PART 77 SHEET FOR OBSTRUCTIONS TO PART 77 SURFACES.



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION		DATE: 06/22/2022
		SHEET: 15 OF 31
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN		EXISTING INNER PORTION OF APPROACH SURFACE RUNWAY 16
BY	DATE	REVISION

Date Plotted: 6/22/2022, 1:05 PM
 Layout Name: 15 Existing Inner Portion of Approach Surface Runway 16
 File Name: N:\Projects\1808040-001_SWD_MAP\15-APP-ALP-APP.dwg

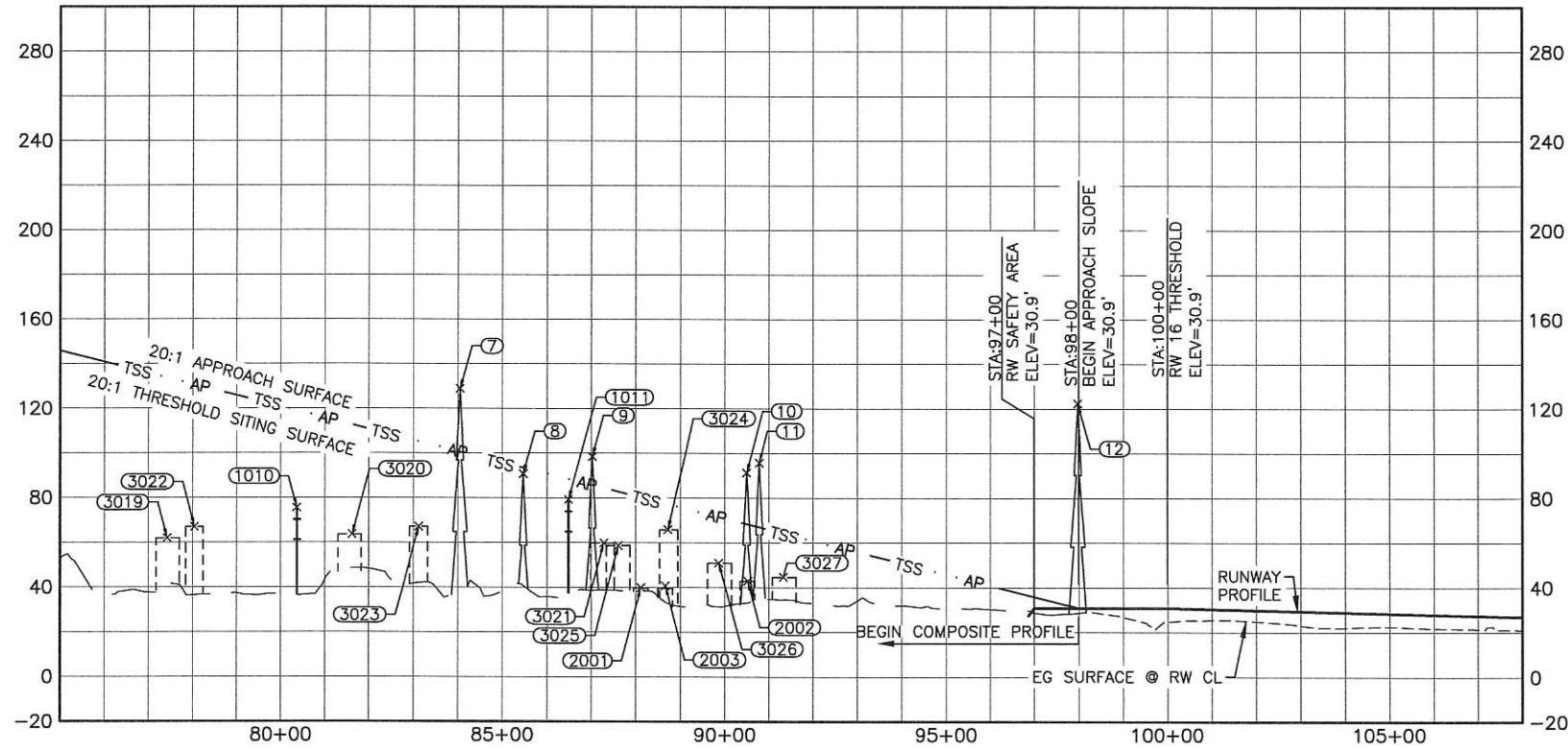
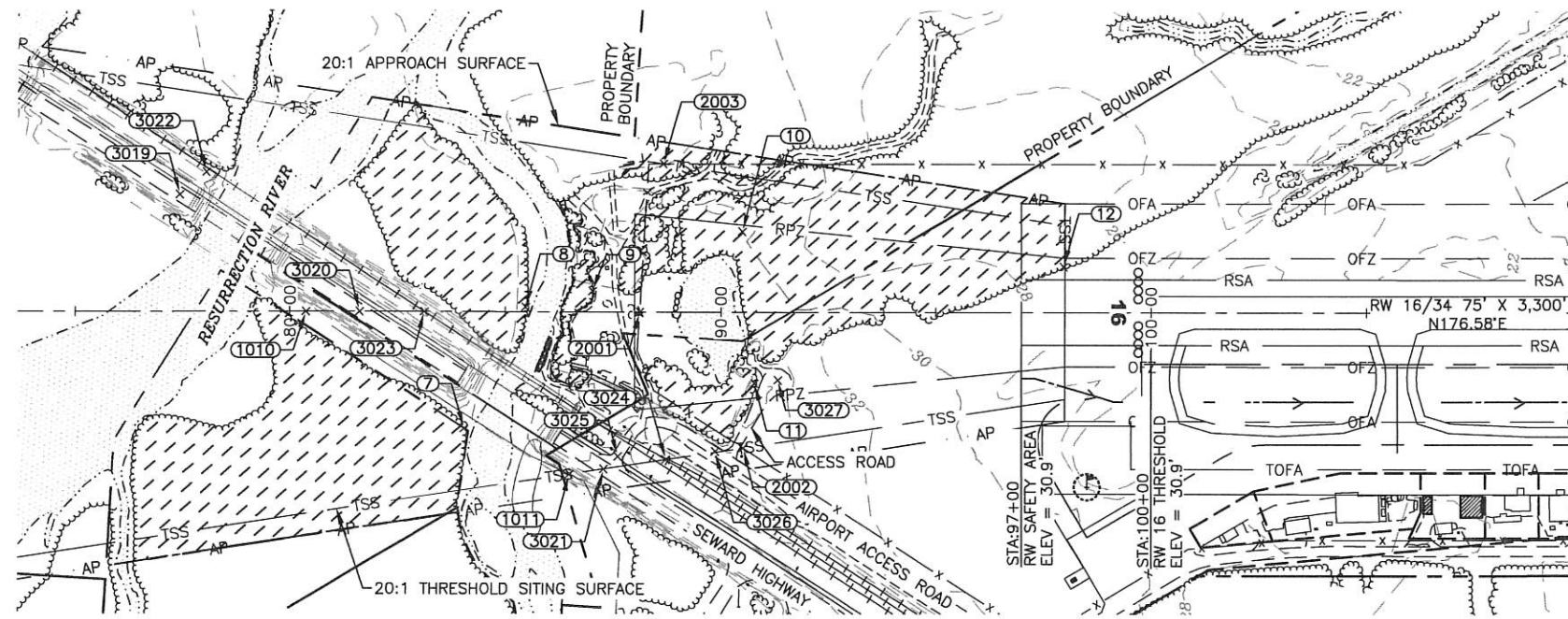
Date Plotted: 6/22/2022 1:05 PM
 Layout Name: 16 Existing Obstruction Tables Runway 16
 File Name: N:\Projects\19060AN-DOT_SMO_LP\CA\00413-SWP-ALP-APRR.dwg
 Designed By: EAT
 Drawn By: CFS
 Checked By: BH

EXISTING INNER APPROACH OBSTRUCTIONS (RUNWAY 16)							
ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
3	TREE CLUSTER	14+87 /163 L	98.4'	89.5'	8.9'	TO BE REMOVED	NEAR TERM
4	TREE CLUSTER	16+16 /238 L	89.7'	83.0'	6.7'	TO BE REMOVED	NEAR TERM
5	TREE CLUSTER	18+63 /44 R	95.9'	70.7'	25.2'	TO BE REMOVED	NEAR TERM
6	TREE CLUSTER	24+00 /150 L	126.2'	43.9'	82.3'	TO BE REMOVED	NEAR TERM
1007	TREE CLUSTER	11+89 /151 R	73.9'	104.4'	-30.5'	TO BE REMOVED	NEAR TERM
1008	TREE CLUSTER	13+31 /121 L	91.2'	97.3'	-6.1'	TO BE REMOVED	NEAR TERM
1009	POWERLINE	14+40 /258 R	78.2'	91.9'	-13.7'	TO REMAIN	N/A
3011	SEWARD HIGHWAY +15	5+95 /342 L	45.6'	134.1'	-88.5'	TO REMAIN	N/A
3012	SEWARD HIGHWAY +15	11+32 CL	64.0'	107.3'	-43.3'	TO REMAIN	N/A
3013	SEWARD HIGHWAY +15	15+23 /250 R	59.8'	87.7'	-27.9'	TO REMAIN	N/A
3014	ALASKA RAILROAD +25	7+68 /325 L	54.1'	125.4'	-71.3'	TO REMAIN	N/A
3015	ALASKA RAILROAD +25	12+82 CL	53.2'	99.8'	-46.6'	TO REMAIN	N/A
3016	ALASKA RAILROAD +25	16+77 /234 R	65.6'	80.0'	-14.4'	TO REMAIN	N/A
3017	AIRPORT ACCESS ROAD +15	18+00 /221 R	51.0'	73.8'	-22.8'	TO REMAIN	N/A
3018	ACCESS ROAD +10	19+17 /38 R	44.7'	68.0'	-23.3'	TO REMAIN	N/A

EXISTING TSS OBSTRUCTIONS (RUNWAY 16)							
ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
3	TREE CLUSTER	14+87 /163 L	98.4'	99.5'	-1.1'	TO BE REMOVED	NEAR TERM
4	TREE CLUSTER	16+16 /238 L	89.7'	93.0'	-3.3'	TO BE REMOVED	NEAR TERM
5	TREE CLUSTER	18+63 /44 R	95.9'	80.7'	15.2'	TO BE REMOVED	NEAR TERM
6	TREE CLUSTER	24+00 /150 L	126.2'	53.9'	72.3'	TO BE REMOVED	NEAR TERM
1007	TREE CLUSTER	11+89 /151 R	73.9'	114.4'	-40.5'	TO BE REMOVED	NEAR TERM
1008	TREE CLUSTER	13+31 /121 L	91.2'	107.3'	-16.1'	TO BE REMOVED	NEAR TERM
1009	POWERLINE	14+40 /258 R	78.2'	101.9'	-23.7'	TO REMAIN	N/A
3011	SEWARD HIGHWAY +15	5+95 /342 L	45.6'	144.1'	-98.5'	TO REMAIN	N/A
3012	SEWARD HIGHWAY +15	11+32 CL	64.0'	117.3'	-53.3'	TO REMAIN	N/A
3013	SEWARD HIGHWAY +15	15+23 /250 R	59.8'	97.7'	-37.9'	TO REMAIN	N/A
3014	ALASKA RAILROAD +25	7+68 /325 L	54.1'	135.4'	-81.3'	TO REMAIN	N/A
3015	ALASKA RAILROAD +25	12+82 CL	53.2'	109.8'	-56.6'	TO REMAIN	N/A
3016	ALASKA RAILROAD +25	16+77 /234 R	65.6'	90.0'	-24.4'	TO REMAIN	N/A
3017	AIRPORT ACCESS ROAD +15	18+00 /221 R	51.0'	83.8'	-32.8'	TO REMAIN	N/A
3018	ACCESS ROAD +10	19+17 /38 R	44.7'	78.0'	-33.3'	TO REMAIN	N/A

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION		DATE: 06/22/2022
		SHEET: 16 OF 31
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN		EXISTING OBSTRUCTION TABLES RUNWAY 16
BY	DATE	REVISION

Designed By: EAT
 Drawn By: CES
 Checked By: BH



LEGEND

 SURFACE OBSTRUCTION BOUNDARY

NOTES:

1. THE CONTROLLING OBSTRUCTION FOR APPROACH TO RUNWAY 16 IS OBSTRUCTION 12. DUE TO THE LOCATION OF OBSTRUCTION 12 AN OBSTRUCTION CLEARANCE SLOPE CANNOT BE ESTABLISHED FOR RUNWAY 16. OBSTRUCTIONS 7-12 WILL BE REMOVED DURING THE NEAR TERM DEVELOPMENT.
2. THRESHOLD SITING CRITERIA IS BASED ON ENGINEERING BRIEF No. 99A TO AC 150/5300-13A, CHANGE 1, TABLE 3-2, LINE 4.
3. MAPPING BASED ON COMBINATION OF FIELD SURVEY DATA COLLECTED MARCH 30, 2018, PHOTOGRAMMETRIC DATA COLLECTED JULY 15, 2014, AND USGS (A-7, 2018) MAP.
4. SEE AIRSPACE PART 77 SHEET FOR OBSTRUCTIONS TO PART 77 SURFACES



SCALE IN FEET



Date Plotted: 6/22/2022, 1:05 PM
 Layout Name: 18 Near Term Inner Portion of Approach Surface Runway 16
 File Name: N:\Projects\180606\DOT_SWD_MAP\DOT18-SWD-ALP-APPR.dwg

BY	DATE	REVISION

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

**SEWARD AIRPORT
 SEWARD, ALASKA
 AIRPORT LAYOUT PLAN**

NEAR TERM INNER PORTION OF
 APPROACH SURFACE RUNWAY 16

DATE:
06/22/2022
 SHEET:
18
 OF
31

Date Plotted: 6/22/2022, 1:06 PM
 Layout Name: 20 Near term obstruction tables runway 16
 File Name: N:\Projects\190808\AN-DOT_SND_MP\00413-SWC-ALP-APPR.dwg
 Designed By: EAT
 Drawn By: GCS
 Checked By: BH

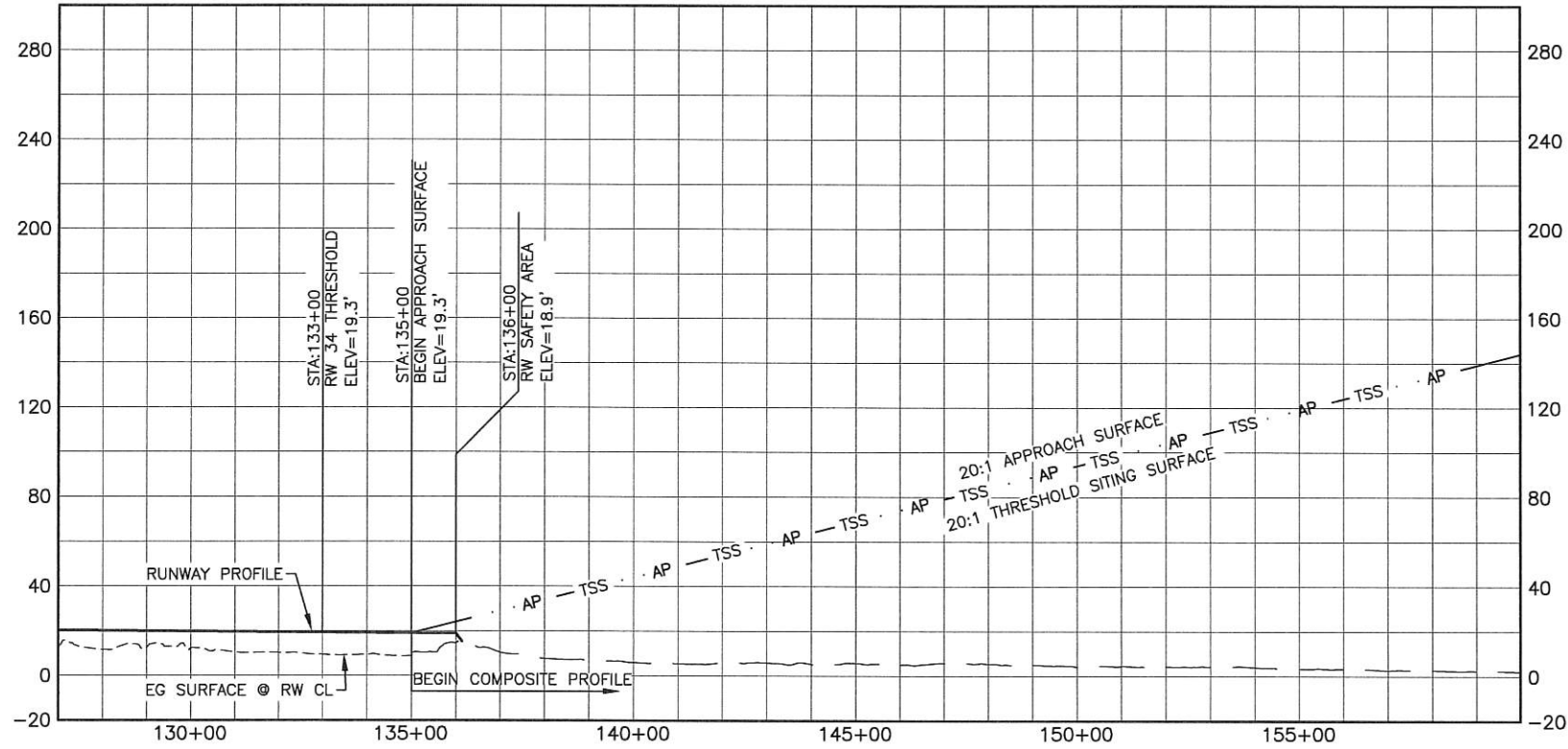
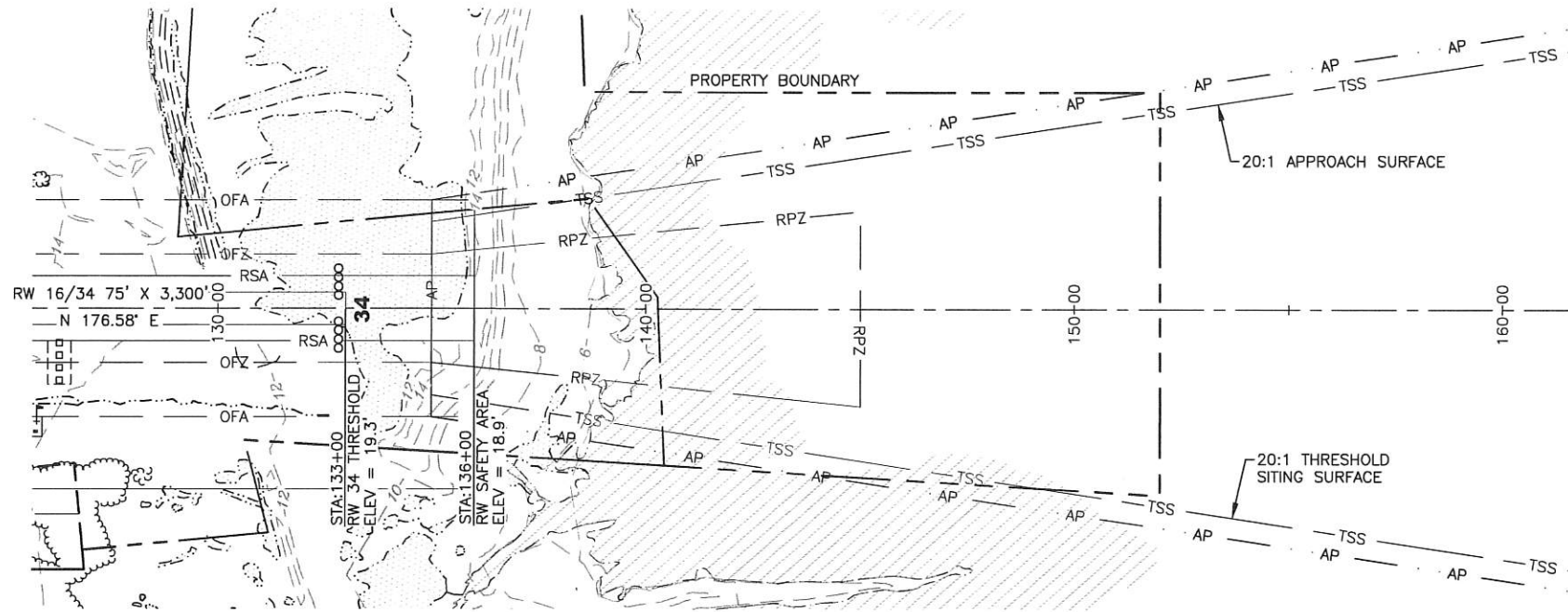
NEAR TERM INNER APPROACH OBSTRUCTIONS (RUNWAY 16)								
ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT	
7	TREE CLUSTER	84+05 /269 R	128.9'	100.6'	28.3'	TO BE REMOVED	NEAR TERM	
8	TREE CLUSTER	85+47 /10 L	90.8'	93.5'	-2.7'	TO BE REMOVED	NEAR TERM	
9	TREE CLUSTER	87+02 /47 L	98.5'	85.8'	12.7'	TO BE REMOVED	NEAR TERM	
10	TREE CLUSTER	90+49 /185 L	91.3'	68.4'	22.9'	TO BE REMOVED	NEAR TERM	
11	TREE CLUSTER	90+78 /163 R	95.8'	67.0'	28.8'	TO BE REMOVED	NEAR TERM	
12	TREE CLUSTER	97+97 /105 L	122.4'	31.0'	91.4'	TO BE REMOVED	NEAR TERM	
1010	POWERLINE	80+37 CL	75.6'	119.1'	-43.5'	TO REMAIN	N/A	
1011	POWERLINE	86+49 /373 R	79.3'	88.5'	-9.2'	TO REMAIN	N/A	
2001	FENCE	88+12 CL	39.9'	80.3'	-40.4'	TO REMAIN	N/A	
2002	FENCE	90+51 /312 R	42.9'	68.3'	-25.4'	TO REMAIN	N/A	
2003	FENCE	88+67 /340 L	40.8'	77.6'	-36.8'	TO REMAIN	N/A	
3019	SEWARD HIGHWAY +15	77+43 /269 L	62.0'	133.8'	-71.8'	TO REMAIN	N/A	
3020	SEWARD HIGHWAY +15	81+63 CL	63.7'	112.8'	-49.1'	TO REMAIN	N/A	
3021	SEWARD HIGHWAY +15	87+28 /361 R	59.9'	84.5'	-24.6'	TO REMAIN	N/A	
3022	ALASKA RAILROAD +25	78+04 /320 L	67.0'	130.7'	-63.7'	TO REMAIN	N/A	
3023	ALASKA RAILROAD +25	83+12 CL	67.2'	105.3'	-38.1'	TO REMAIN	N/A	
3024	ALASKA RAILROAD +25	88+72 /339 R	65.9'	77.3'	-11.4'	TO REMAIN	N/A	
3025	AIRPORT ACCESS ROAD +15	87+61 /332 R	58.8'	82.8'	-24.0'	TO REMAIN	N/A	
3026	AIRPORT ACCESS ROAD +15	89+86 /320 R	51.0'	71.6'	-20.6'	TO REMAIN	N/A	
3027	ACCESS ROAD +10	91+33 /156 R	44.7'	64.3'	-19.6'	TO REMAIN	N/A	

NEAR TERM TSS OBSTRUCTIONS (RUNWAY 16)								
ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT	
7	TREE CLUSTER	84+05 /269 R	128.9'	100.6'	28.3'	TO BE REMOVED	NEAR TERM	
8	TREE CLUSTER	85+47 /10 L	90.8'	93.5'	-2.7'	TO BE REMOVED	NEAR TERM	
9	TREE CLUSTER	87+02 /47 L	98.5'	85.8'	12.7'	TO BE REMOVED	NEAR TERM	
10	TREE CLUSTER	90+49 /185 L	91.3'	68.4'	22.9'	TO BE REMOVED	NEAR TERM	
11	TREE CLUSTER	90+78 /163 R	95.8'	67.0'	28.8'	TO BE REMOVED	NEAR TERM	
12	TREE CLUSTER	97+97 /105 L	122.4'	31.0'	91.4'	TO BE REMOVED	NEAR TERM	
1010	POWERLINE	80+37 CL	75.6'	119.1'	-43.5'	TO REMAIN	N/A	
1011	POWERLINE	86+49 /373 R	79.3'	88.5'	-9.2'	TO REMAIN	N/A	
2001	FENCE	88+12 CL	39.9'	80.3'	-40.4'	TO REMAIN	N/A	
2002	FENCE	90+51 /312 R	42.9'	68.3'	-25.4'	TO REMAIN	N/A	
2003	FENCE	88+67 /340 L	40.8'	77.6'	-36.8'	TO REMAIN	N/A	
3019	SEWARD HIGHWAY +15	77+43 /269 L	62.0'	133.8'	-71.8'	TO REMAIN	N/A	
3020	SEWARD HIGHWAY +15	81+63 CL	63.7'	112.8'	-49.1'	TO REMAIN	N/A	
3021	SEWARD HIGHWAY +15	87+28 /361 R	59.9'	84.5'	-24.6'	TO REMAIN	N/A	
3022	ALASKA RAILROAD +25	78+04 /320 L	67.0'	130.7'	-63.7'	TO REMAIN	N/A	
3023	ALASKA RAILROAD +25	83+12 CL	67.2'	105.3'	-38.1'	TO REMAIN	N/A	
3024	ALASKA RAILROAD +25	88+72 /339 R	65.9'	77.3'	-11.4'	TO REMAIN	N/A	
3025	AIRPORT ACCESS ROAD +15	87+61 /332 R	58.8'	82.8'	-24.0'	TO REMAIN	N/A	
3026	AIRPORT ACCESS ROAD +15	89+86 /320 R	51.0'	71.6'	-20.6'	TO REMAIN	N/A	
3027	ACCESS ROAD +10	91+33 /156 R	44.7'	64.3'	-19.6'	TO REMAIN	N/A	

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION		DATE: 06/22/2022
		SHEET: 19 OF 31
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN		
NEAR TERM OBSTRUCTION TABLES RUNWAY 16		
BY	DATE	REVISION

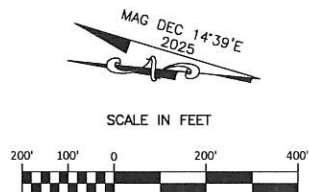
Designed By: EAT
 Drawn By: CCS
 Checked By: BH

Date Plotted: 6/22/2022, 1:07 PM
 Layout Name: 19 Near Term Inner Portion of Approach Surface Runway 34
 File Name: N:\Projects\190808\DOT_SND_MP\190808-13-SW-ALP-APPR.dwg



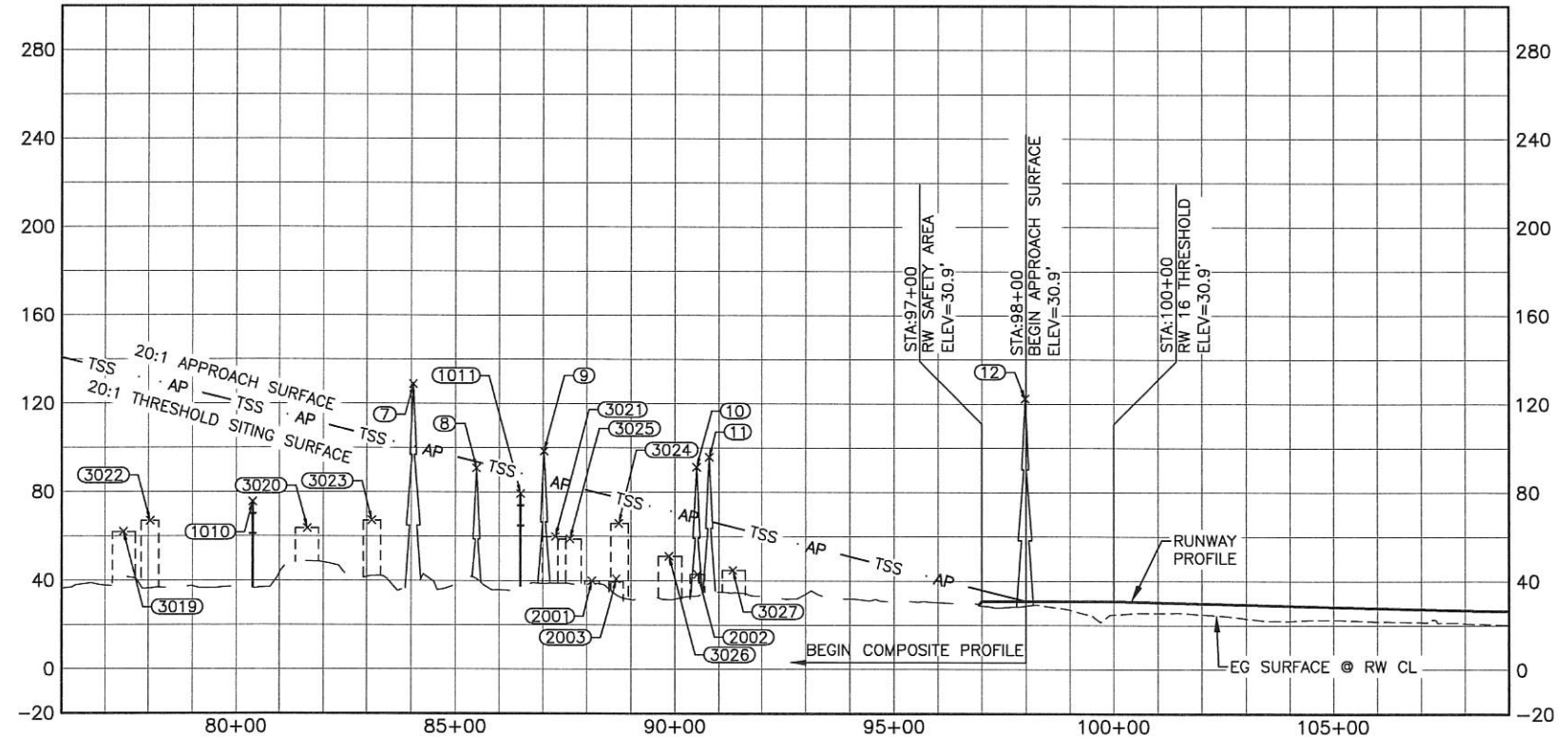
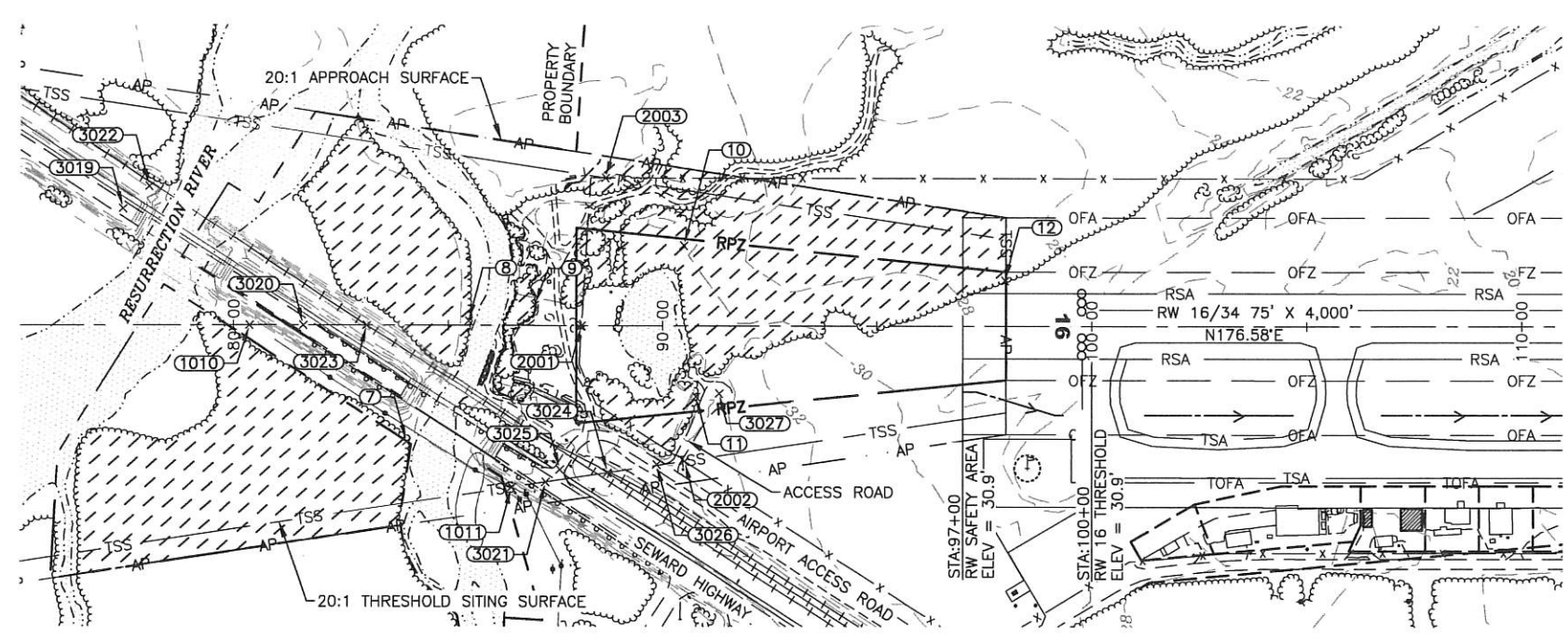
NOTES:

1. THERE IS NO CONTROLLING OBSTRUCTION FOR RUNWAY 34, THE OBSTRUCTION CLEARANCE SLOPE IS ESTABLISHED AS 50:1.
2. THRESHOLD SITING CRITERIA IS BASED ON ENGINEERING BRIEF No. 99A TO AC 150/5300-13A, CHANGE 1, TABLE 3-2, LINE 4.
3. THERE ARE NO INNER APPROACH PART 77 OR THRESHOLD SITING SURFACE PENETRATIONS FOR RUNWAY 34.
4. MAPPING BASED ON COMBINATION OF FIELD SURVEY DATA COLLECTED MARCH 30, 2018, PHOTOGRAMMETRIC DATA COLLECTED JULY 15, 2014, AND USGS (A-7, 2018) MAP.
5. SEE AIRSPACE PART 77 SHEET FOR OBSTRUCTIONS TO PART 77 SURFACES.



		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION	
		SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN	
		NEAR TERM INNER PORTION OF APPROACH SURFACE RUNWAY 34	
DATE:	06/22/2022	BY:	
SHEET:	20	DATE:	
OF	31	REVISION:	

Designed By: EAT
 Drawn By: CES
 Checked By: BH

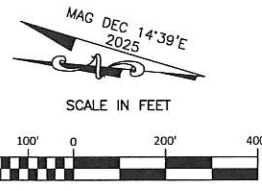


LEGEND

 SURFACE OBSTRUCTION BOUNDARY

NOTES:

1. THE CONTROLLING OBSTRUCTION FOR APPROACH TO RUNWAY 16 IS OBSTRUCTION 12, DUE TO THE LOCATION OF OBSTRUCTION 12 AN OBSTRUCTION CLEARANCE SLOPE CANNOT BE ESTABLISHED FOR RUNWAY 16. OBSTRUCTIONS 7-12 WILL BE REMOVED DURING NEAR TERM DEVELOPMENT.
2. THRESHOLD SITING CRITERIA IS BASED ON ENGINEERING BRIEF No. 99A TO AC 150/5300-13A, CHANGE 1, TABLE 3-2, LINE 4.
3. MAPPING BASED ON COMBINATION OF FIELD SURVEY DATA COLLECTED MARCH 30, 2018, PHOTOGRAMMETRIC DATA COLLECTED JULY 15, 2014, AND USGS (A-7, 2018) MAP.
4. SEE AIRSPACE PART 77 SHEET FOR OBSTRUCTIONS TO PART 77 SURFACES.



BY	DATE	REVISION

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

SEWARD AIRPORT
 SEWARD, ALASKA
 AIRPORT LAYOUT PLAN

ULTIMATE INNER PORTION OF APPROACH
 SURFACE RUNWAY 16

DATE:
06/22/2022
 SHEET:
21
 OF
31

Date Plotted: 6/22/2022 1:07 PM
 Layout Name: 23 Near term obstruction tables runway 16
 File Name: N:\Projects\BOSDON-DOT_SWD_JP\0041-SW-ALP-APPR.dwg
 Designed By: EAT
 Drawn By: CES
 Checked By: BH

ULTIMATE INNER APPROACH OBSTRUCTIONS (RUNWAY 16)

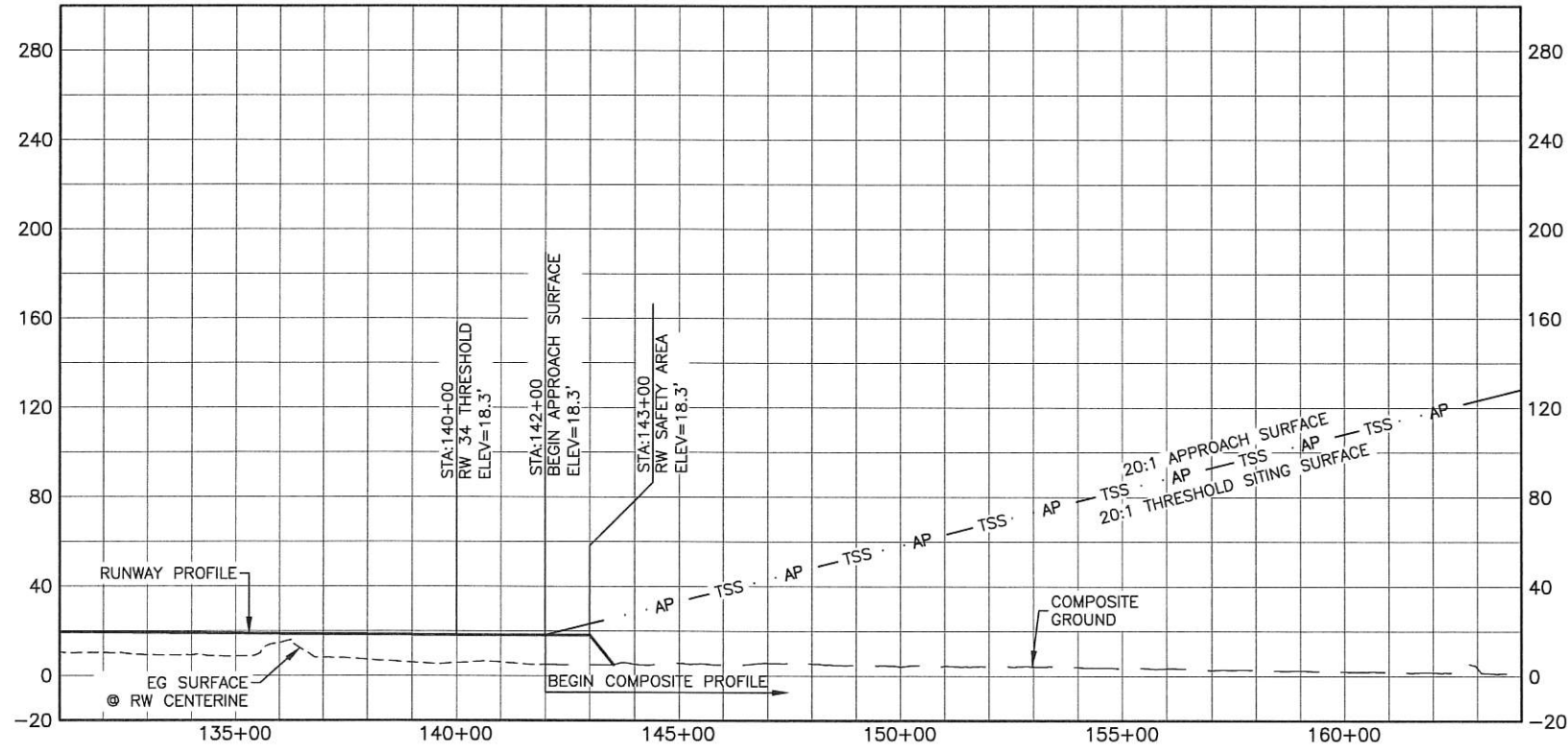
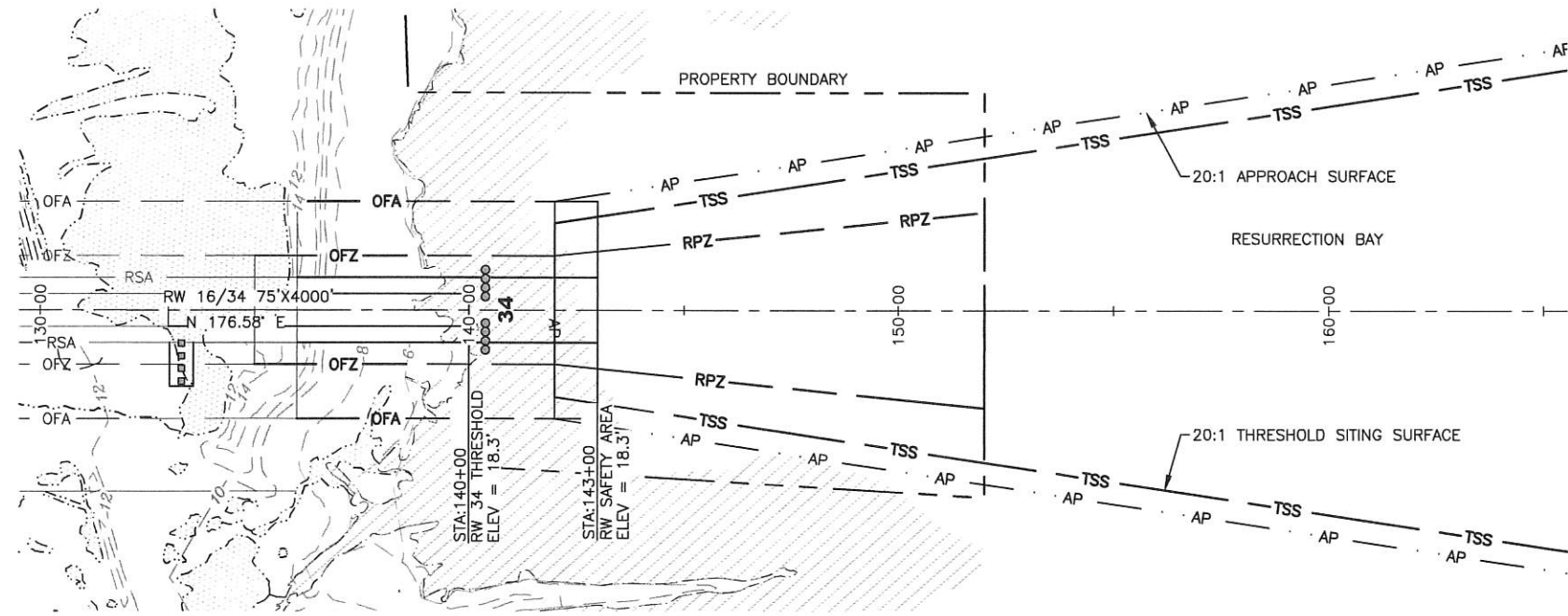
ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
7	TREE CLUSTER	84+05 /269 R	128.9'	100.6'	28.3'	TO BE REMOVED	NEAR TERM
8	TREE CLUSTER	85+47 /10 L	90.8'	93.5'	-2.7'	TO BE REMOVED	NEAR TERM
9	TREE CLUSTER	87+02 /47 L	98.5'	85.8'	12.7'	TO BE REMOVED	NEAR TERM
10	TREE CLUSTER	90+49 /185 L	91.3'	68.4'	22.9'	TO BE REMOVED	NEAR TERM
11	TREE CLUSTER	90+78 /163 R	95.8'	67.0'	28.8'	TO BE REMOVED	NEAR TERM
12	TREE CLUSTER	97+97 /105 L	122.4'	31.0'	91.4'	TO BE REMOVED	NEAR TERM
1010	POWERLINE	80+37 CL	75.6'	119.1'	-43.5'	TO REMAIN	N/A
1011	POWERLINE	86+49 /373 R	79.3'	88.5'	-9.2'	TO REMAIN	N/A
2001	FENCE	88+12 CL	39.9'	80.3'	-40.4'	TO REMAIN	N/A
2002	FENCE	90+51 /312 R	42.9'	68.3'	-25.4'	TO REMAIN	N/A
2003	FENCE	88+67 /340 L	40.8'	77.6'	-36.8'	TO REMAIN	N/A
3019	SEWARD HIGHWAY +15	77+43 /269 L	62.0'	133.8'	-71.8'	TO REMAIN	N/A
3020	SEWARD HIGHWAY +15	81+63 CL	63.7'	112.8'	-49.1'	TO REMAIN	N/A
3021	SEWARD HIGHWAY +15	87+28 /361 R	59.9'	84.5'	-24.6'	TO REMAIN	N/A
3022	ALASKA RAILROAD +25	78+04 /320 L	67.0'	130.7'	-63.7'	TO REMAIN	N/A
3023	ALASKA RAILROAD +25	83+12 CL	67.2'	105.3'	-38.1'	TO REMAIN	N/A
3024	ALASKA RAILROAD +25	88+72 /339 R	65.9'	77.3'	-11.4'	TO REMAIN	N/A
3025	AIRPORT ACCESS ROAD +15	87+61 /332 R	58.8'	82.8'	-24.0'	TO REMAIN	N/A
3026	AIRPORT ACCESS ROAD +15	89+86 /320 R	51.0'	71.6'	-20.6'	TO REMAIN	N/A
3027	ACCESS ROAD +10	91+33 /156 R	44.7'	64.3'	-19.6'	TO REMAIN	N/A

ULTIMATE TSS OBSTRUCTIONS (RUNWAY 16)

ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
7	TREE CLUSTER	84+05 /269 R	128.9'	100.6'	28.3'	TO BE REMOVED	NEAR TERM
8	TREE CLUSTER	85+47 /10 L	90.8'	93.5'	-2.7'	TO BE REMOVED	NEAR TERM
9	TREE CLUSTER	87+02 /47 L	98.5'	85.8'	12.7'	TO BE REMOVED	NEAR TERM
10	TREE CLUSTER	90+49 /185 L	91.3'	68.4'	22.9'	TO BE REMOVED	NEAR TERM
11	TREE CLUSTER	90+78 /163 R	95.8'	67.0'	28.8'	TO BE REMOVED	NEAR TERM
12	TREE CLUSTER	97+97 /105 L	122.4'	31.0'	91.4'	TO BE REMOVED	NEAR TERM
1010	POWERLINE	80+37 CL	75.6'	119.1'	-43.5'	TO REMAIN	N/A
1011	POWERLINE	86+49 /373 R	79.3'	88.5'	-9.2'	TO REMAIN	N/A
2001	FENCE	88+12 CL	39.9'	80.3'	-40.4'	TO REMAIN	N/A
2002	FENCE	90+51 /312 R	42.9'	68.3'	-25.4'	TO REMAIN	N/A
2003	FENCE	88+67 /340 L	40.8'	77.6'	-36.8'	TO REMAIN	N/A
3019	SEWARD HIGHWAY +15	77+43 /269 L	62.0'	133.8'	-71.8'	TO REMAIN	N/A
3020	SEWARD HIGHWAY +15	81+63 CL	63.7'	112.8'	-49.1'	TO REMAIN	N/A
3021	SEWARD HIGHWAY +15	87+28 /361 R	59.9'	84.5'	-24.6'	TO REMAIN	N/A
3022	ALASKA RAILROAD +25	78+04 /320 L	67.0'	130.7'	-63.7'	TO REMAIN	N/A
3023	ALASKA RAILROAD +25	83+12 CL	67.2'	105.3'	-38.1'	TO REMAIN	N/A
3024	ALASKA RAILROAD +25	88+72 /339 R	65.9'	77.3'	-11.4'	TO REMAIN	N/A
3025	AIRPORT ACCESS ROAD +15	87+61 /332 R	58.8'	82.8'	-24.0'	TO REMAIN	N/A
3026	AIRPORT ACCESS ROAD +15	89+86 /320 R	51.0'	71.6'	-20.6'	TO REMAIN	N/A
3027	ACCESS ROAD +10	91+33 /156 R	44.7'	64.3'	-19.6'	TO REMAIN	N/A

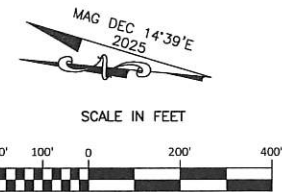
<p align="center"> STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION </p>		DATE:	06/22/2022
		SHEET:	22 OF 31
<p align="center"> SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN </p>		<p align="center"> ULTIMATE OBSTRUCTION TABLES RUNWAY 16 </p>	
BY:	DATE:	REVISION:	

Date Plotted: 6/22/2022 1:07 PM
 Layout Name: 22 Ultimate Inner Portion of Approach Surface Runway 34
 File Name: N:\Projects\18060\AN-DOT_SND_WP\00413-SND-ALP-APPR.dwg
 Drawn By: EXT
 Checked By: BH



NOTES:

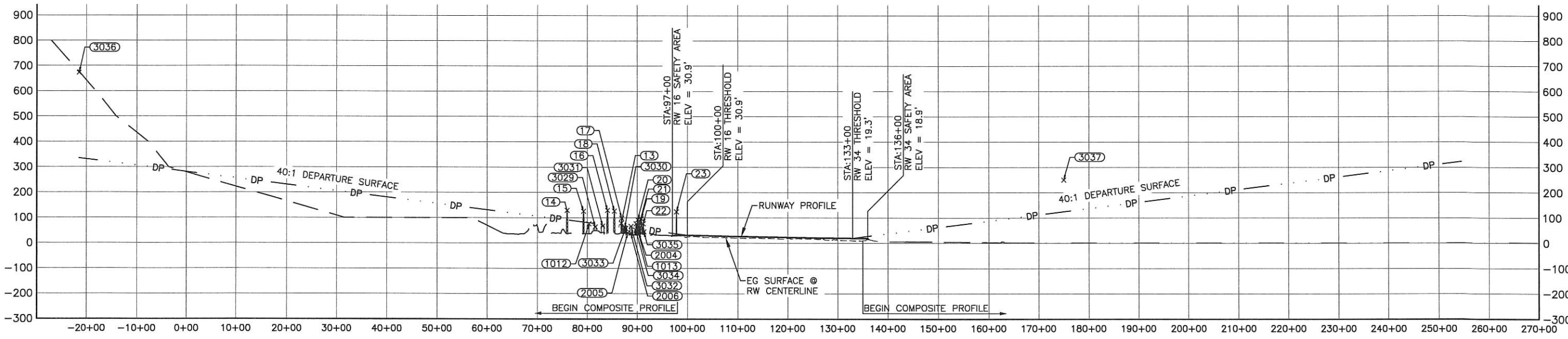
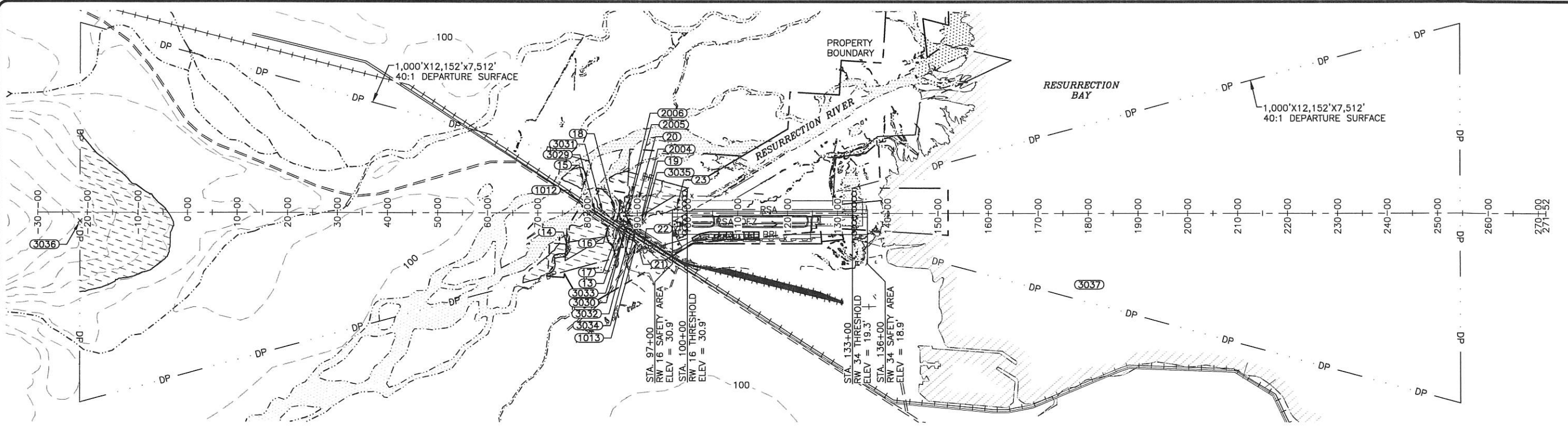
1. THERE IS NO CONTROLLING OBSTRUCTION FOR RUNWAY 34, THE OBSTRUCTION CLEARANCE SLOPE IS ESTABLISHED AS 50:1.
2. THRESHOLD SITING CRITERIA IS BASED ON ENGINEERING BRIEF No. 99A TO AC 150/5300-13A, CHANGE 1, TABLE 3-2, LINE 4.
3. THERE ARE NO INNER APPROACH PART 77 OR THRESHOLD SITING SURFACE PENETRATIONS FOR RUNWAY 34.
4. MAPPING BASED ON COMBINATION OF FIELD SURVEY DATA COLLECTED MARCH 30, 2018, PHOTGRAMMETRIC DATA COLLECTED JULY 15, 2014, AND USGS (A-7, 2018) MAP.
5. SEE AIRSPACE PART 77 SHEET FOR OBSTRUCTIONS TO PART 77 SURFACES.



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION	
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN	DATE: 06/22/2022 SHEET: 23 OF 31
ULTIMATE INNER PORTION OF APPROACH SURFACE RUNWAY 34	
BY	REVISION

Designed By: EAT
 Drawn By: CES
 Checked By: BH

Data Plotted: 6/22/2022, 11:03 PM
 Layout Name: 25 Near Term Departure Surface Runway 16-34
 File Name: N:\Projects\1918\AN-DOT_SWD_MP\1918-DOT-SWD-ALP-DPR1.dwg

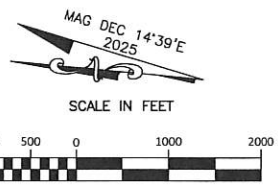


LEGEND

SURFACE OBSTRUCTION BOUNDARY

NOTES:

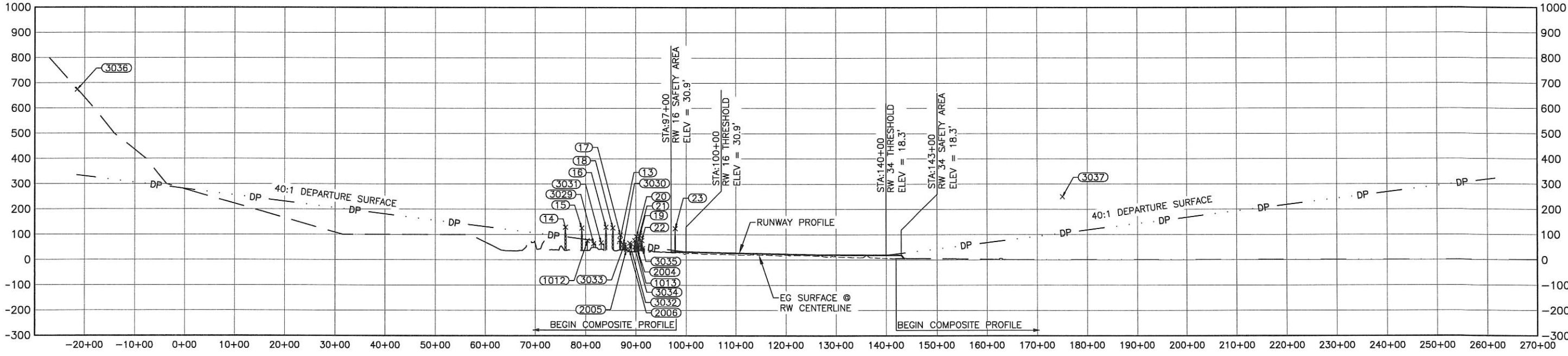
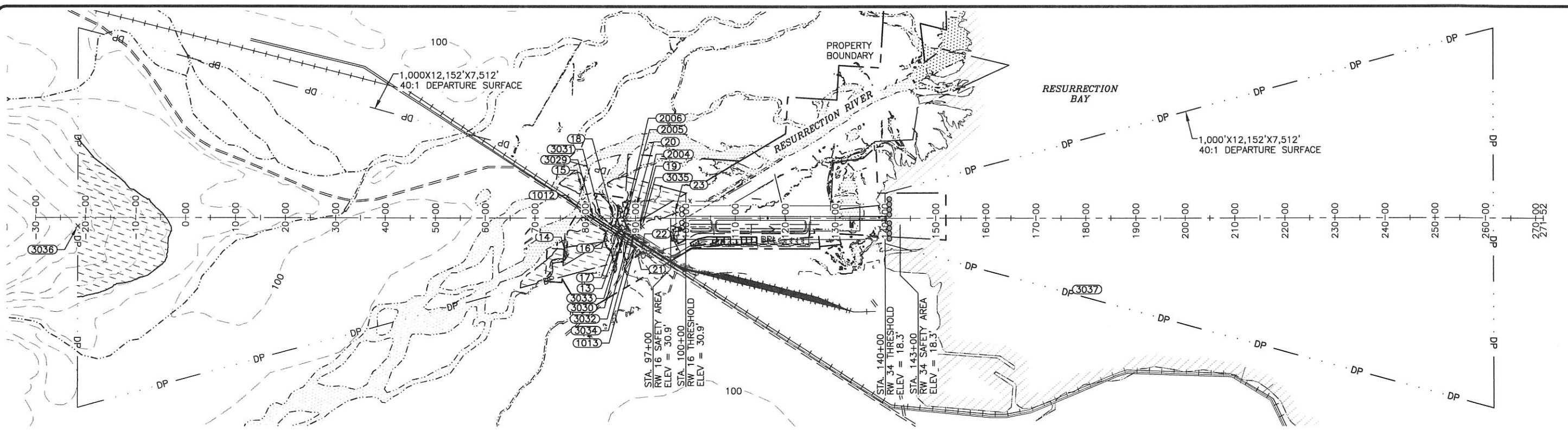
- DEPARTURE SURFACE SLOPE FOR RUNWAY 16-34 IS 40:1 AS DEFINED BY ENGINEERING BRIEF No. 99A, TABLE 3-2, LINE 7 FOR INSTRUMENT RUNWAYS.
- MAPPING BASED ON COMBINATION OF FIELD SURVEY DATA COLLECTED MARCH 30, 2018, PHOTOGRAMMETRIC DATA COLLECTED JULY 15, 2014, AND USGS (A-7, 2018) MAP.
- SEE AIRSPACE PART 77 SHEET FOR OBSTRUCTIONS TO PART 77 SURFACES.



BY	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION	
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN	DATE: 06/22/2022
NEAR TERM DEPARTURE SURFACE RUNWAY 16-34	SHEET: 25 OF 31

Designed By: EAT
 Drawn By: CES
 Checked By: BH
 Date Plotted: 6/22/2022, 1:08 PM
 Layout Name: 26 Ultimate Departure Surface Runway 16-34
 File Name: N:\Projects\190909\AN-DOT_SND_MP\190913-SND-ALP-09RT.dwg

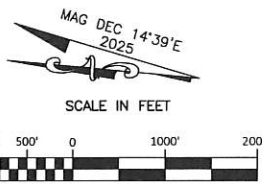


LEGEND

SURFACE OBSTRUCTION BOUNDARY

NOTES:

1. DEPARTURE SURFACE SLOPE FOR RUNWAY 16-34 IS 40:1 AS DEFINED BY ENGINEERING BRIEF No. 99A, TABLE 3-2, LINE 7 FOR INSTRUMENT RUNWAYS.
2. MAPPING BASED ON COMBINATION OF FIELD SURVEY DATA COLLECTED MARCH 30, 2018, PHOTOGRAMMETRIC DATA COLLECTED JULY 15, 2014, AND USGS (A-7, 2018) MAP.
3. SEE AIRSPACE PART 77 SHEET FOR OBSTRUCTIONS TO PART 77 SURFACES.



BY	DATE	REVISION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION	
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN ULTIMATE DEPARTURE SURFACE RUNWAY 16-34	DATE: 06/22/2022 SHEET: 26 OF 31

Designed By: EAT
 Drawn By: GCS
 Checked By: BH

Date Plotted: 6/22/2022, 1:10 PM
 Layout Name: 27 Departure Obstruction Tables
 File Name: N:\Projects\BIB\BIB\00413-SND-ALP-APPR.dwg

EXISTING DEPARTURE OBSTRUCTIONS (RUNWAY 31)							
ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
3028	HIGHEST TERRAIN POINT	182+06 /3694 L	800.0'	322.7'	477.3'	TO REMAIN	N/A

NEAR TERM DEPARTURE OBSTRUCTIONS (RUNWAY 16)							
ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
13	POWERLINE	86+84 /390 R	78.3'	63.8'	14.5'	TO BE REMOVED	N/A
14	TREE CLUSTER	75+97 /678 R	128.8'	91.0'	37.8'	TO BE REMOVED	NEAR TERM
15	TREE CLUSTER	79+27 /592 L	125.4'	82.7'	42.7'	TO BE REMOVED	NEAR TERM
16	TREE CLUSTER	84+07 /281 R	128.9'	70.7'	58.2'	TO BE REMOVED	NEAR TERM
17	TREE CLUSTER	86+92 /149 R	98.1'	63.6'	34.5'	TO BE REMOVED	NEAR TERM
18	TREE CLUSTER	85+44 /45 L	126.0'	67.3'	58.7'	TO BE REMOVED	NEAR TERM
19	TREE CLUSTER	90+80 /163 R	95.8'	53.9'	41.9'	TO BE REMOVED	NEAR TERM
20	TREE CLUSTER	90+09 /210 L	91.6'	55.7'	35.9'	TO BE REMOVED	NEAR TERM
21	TREE CLUSTER	90+44 /743 R	78.3'	54.8'	23.5'	TO BE REMOVED	NEAR TERM
22	TREE CLUSTER	91+18 /678 R	76.4'	53.0'	23.4'	TO BE REMOVED	NEAR TERM
23	TREE CLUSTER	97+79 /96 L	123.4'	36.4'	87.0'	TO BE REMOVED	NEAR TERM
1012	POWERLINE	80+37 CL	75.6'	80.0'	-4.4'	TO REMAIN	N/A
1013	TREE CLUSTER	89+77 /605 R	75.6'	151.7'	-76.1'	TO REMAIN	N/A
2004	FENCE	90+29 /298 R	42.9'	55.2'	-12.3'	TO REMAIN	N/A
2005	FENCE	88+12 CL	39.9'	60.6'	-20.7'	TO REMAIN	N/A
2006	FENCE	88+71 /340 L	39.7'	59.1'	-19.4'	TO REMAIN	N/A
3029	SEWARD HIGHWAY +15	81+63 CL	63.7'	76.8'	-13.1'	TO REMAIN	N/A
3030	SEWARD HIGHWAY +15	87+48 /373 R	59.6'	62.2'	-2.6'	TO REMAIN	N/A
3031	ALASKA RAILROAD +25	83+12 CL	67.2'	73.1'	-5.9'	TO REMAIN	N/A
3032	ALASKA RAILROAD +25	88+77 /338 R	66.0'	59.0'	7.0'	TO REMAIN	N/A
3033	AIRPORT ACCESS ROAD +15	87+70 /318 R	58.1'	61.6'	-3.5'	TO REMAIN	N/A
3034	AIRPORT ACCESS ROAD +15	89+75 /312 R	51.3'	56.5'	-5.2'	TO REMAIN	N/A
3035	ACCESS ROAD +10	91+33 /156 R	44.7'	52.6'	-7.9'	TO REMAIN	N/A
3036	HIGHEST TERRAIN POINT	-21+52 /168 R	672.9'	334.7'	338.2'	TO REMAIN	N/A

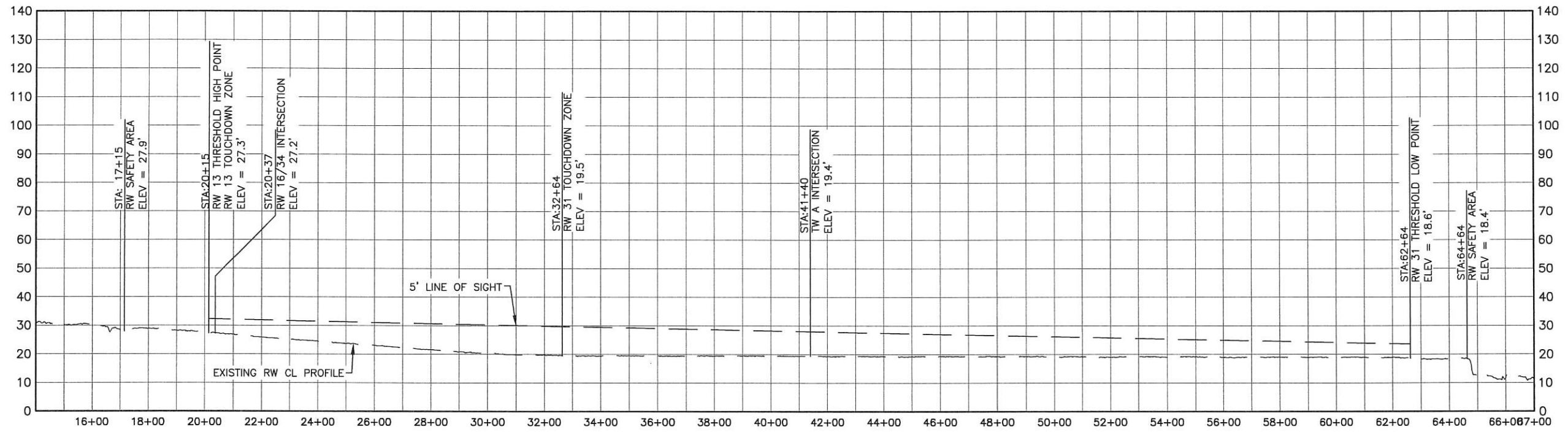
NEAR TERM DEPARTURE OBSTRUCTIONS (RUNWAY 34)							
ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
3037	RESURRECTION BAY +250	175+00 /1500 R	250.0'	135.9'	114.1'	TO REMAIN	N/A

ULTIMATE DEPARTURE OBSTRUCTIONS (RUNWAY 16)							
ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
13	POWERLINE	86+84 /390 R	78.3'	63.8'	14.5'	TO BE REMOVED	N/A
14	TREE CLUSTER	75+97 /678 R	128.8'	91.0'	37.8'	TO BE REMOVED	NEAR TERM
15	TREE CLUSTER	79+27 /592 L	125.4'	82.7'	42.7'	TO BE REMOVED	NEAR TERM
16	TREE CLUSTER	84+07 /281 R	128.9'	70.7'	58.2'	TO BE REMOVED	NEAR TERM
17	TREE CLUSTER	86+92 /149 R	98.1'	63.6'	34.5'	TO BE REMOVED	NEAR TERM
18	TREE CLUSTER	85+44 /45 L	126.0'	67.3'	58.7'	TO BE REMOVED	NEAR TERM
19	TREE CLUSTER	90+80 /163 R	95.8'	53.9'	41.9'	TO BE REMOVED	NEAR TERM
20	TREE CLUSTER	90+09 /210 L	91.6'	55.7'	35.9'	TO BE REMOVED	NEAR TERM
21	TREE CLUSTER	90+44 /743 R	78.3'	54.8'	23.5'	TO BE REMOVED	NEAR TERM
22	TREE CLUSTER	91+18 /678 R	76.4'	53.0'	23.4'	TO BE REMOVED	NEAR TERM
23	TREE CLUSTER	97+79 /96 L	123.4'	36.4'	87.0'	TO BE REMOVED	NEAR TERM
1012	POWERLINE	80+37 CL	75.6'	80.0'	-4.4'	TO REMAIN	N/A
1013	TREE CLUSTER	89+77 /605 R	75.6'	151.7'	-76.1'	TO REMAIN	N/A
2004	FENCE	90+29 /298 R	42.9'	55.2'	-12.3'	TO REMAIN	N/A
2005	FENCE	88+12 CL	39.9'	60.6'	-20.7'	TO REMAIN	N/A
2006	FENCE	88+71 /340 L	39.7'	59.1'	-19.4'	TO REMAIN	N/A
3029	SEWARD HIGHWAY +15	81+63 CL	63.7'	76.8'	-13.1'	TO REMAIN	N/A
3030	SEWARD HIGHWAY +15	87+48 /373 R	59.6'	62.2'	-2.6'	TO REMAIN	N/A
3031	ALASKA RAILROAD +25	83+12 CL	67.2'	73.1'	-5.9'	TO REMAIN	N/A
3032	ALASKA RAILROAD +25	88+77 /338 R	66.0'	59.0'	7.0'	TO REMAIN	N/A
3033	AIRPORT ACCESS ROAD +15	87+70 /318 R	58.1'	61.6'	-3.5'	TO REMAIN	N/A
3034	AIRPORT ACCESS ROAD +15	89+75 /312 R	51.3'	56.5'	-5.2'	TO REMAIN	N/A
3035	ACCESS ROAD +10	91+33 /156 R	44.7'	52.6'	-7.9'	TO REMAIN	N/A
3036	HIGHEST TERRAIN POINT	-21+52 /168 R	672.9'	334.7'	338.2'	TO REMAIN	N/A

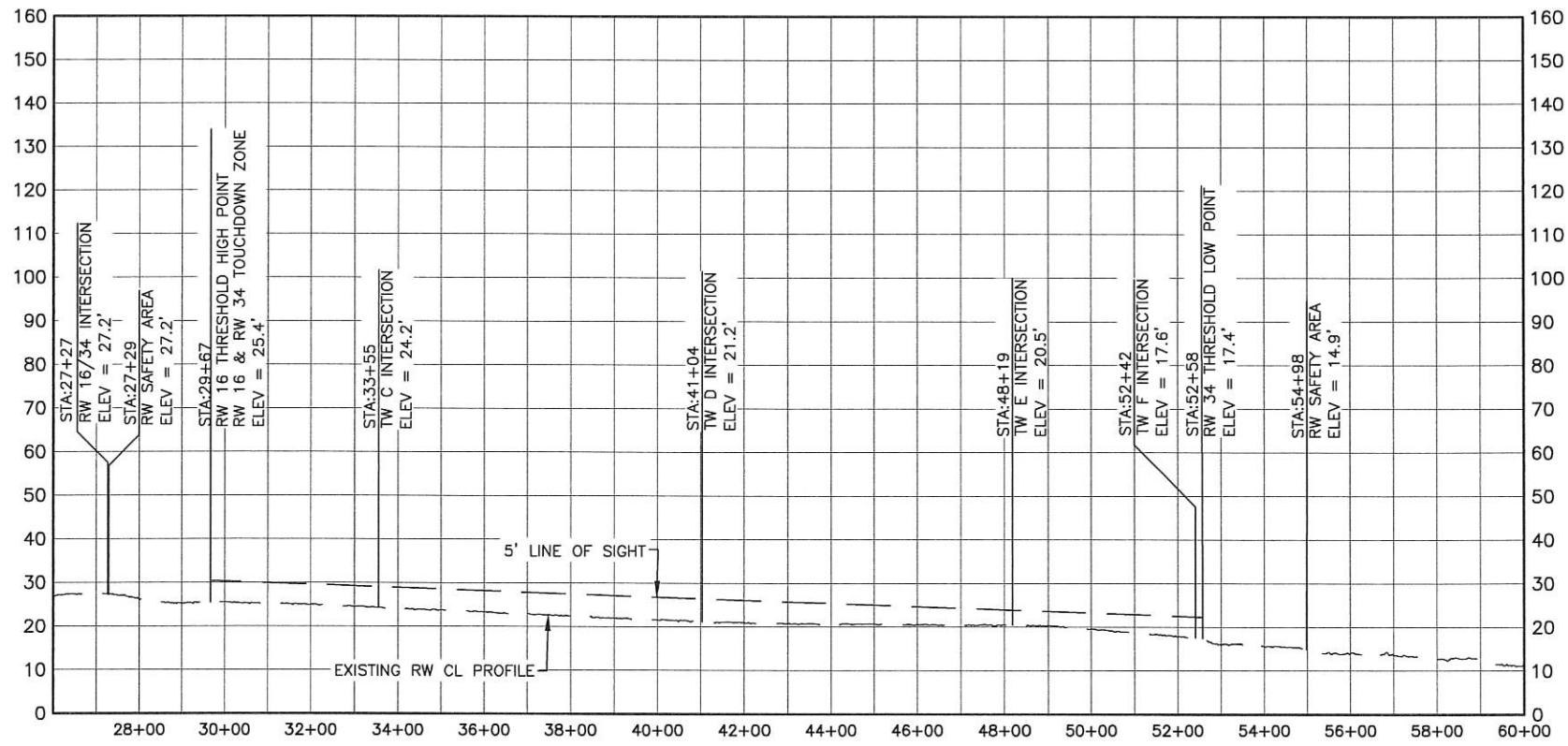
ULTIMATE DEPARTURE OBSTRUCTIONS (RUNWAY 34)							
ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
3037	RESURRECTION BAY +250	175+00 /1500 R	250.0'	118.4'	131.6'	TO REMAIN	N/A

BY _____ DATE _____ REVISION _____		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION
		SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN
		DATE: 06/22/2022 SHEET: 27 OF 31
		DEPARTURE OBSTRUCTION TABLES

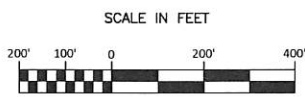
Date Plotted: 6/22/2022 1:12 PM
 Layout Name: 28 Runway Profile - Existing
 File Name: N:\Projects\19080AN-DOT_SMD_MP\00413-SMD-ALP-PROF.dwg
 Designed By: EAT
 Drawn By: BHS
 Checked By: BH



RUNWAY PROFILE 13-31 EXISTING

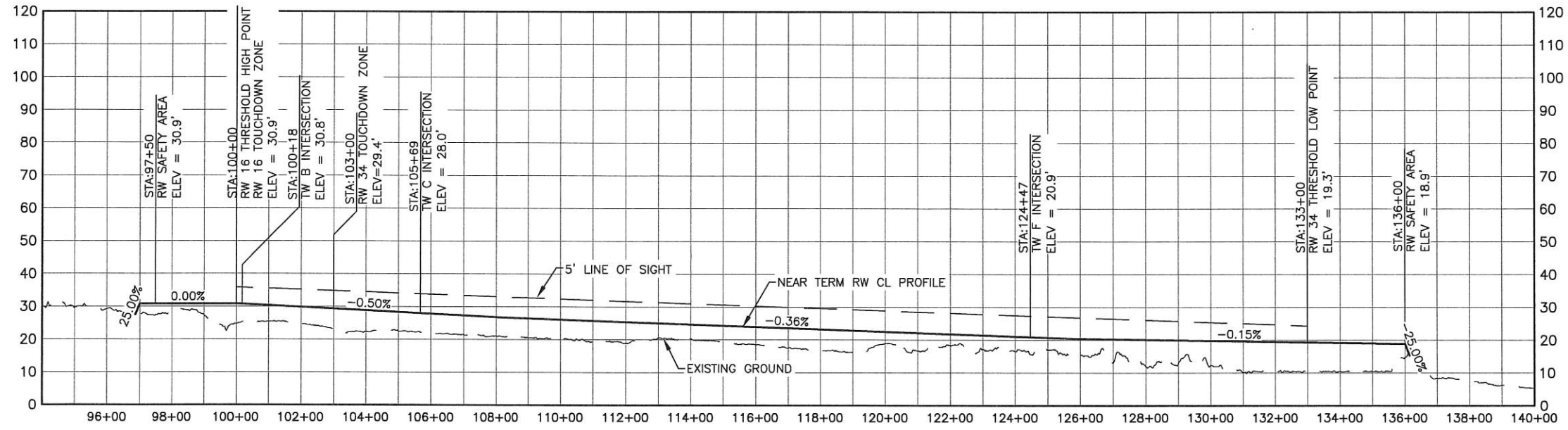


RUNWAY PROFILE 16-34 EXISTING

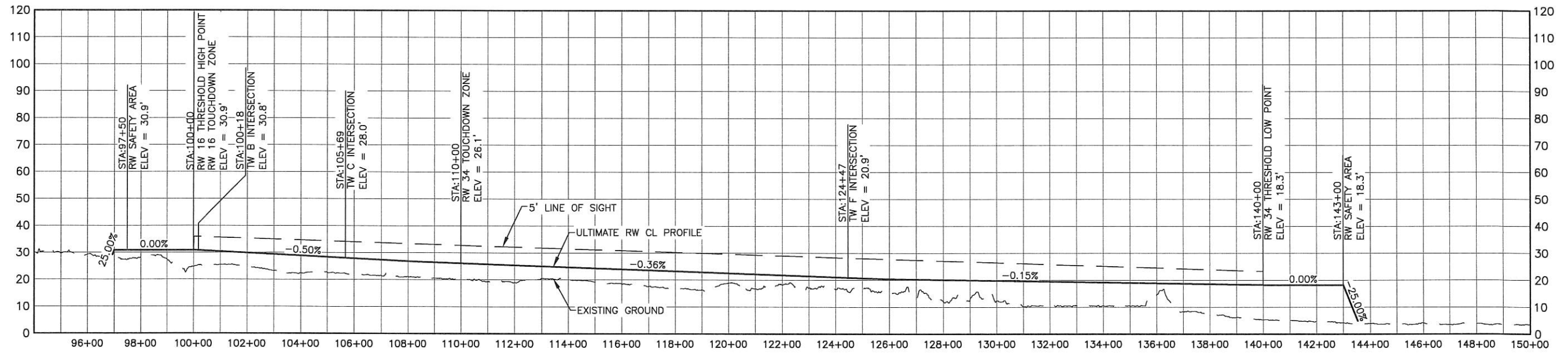


STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION		DATE: 06/22/2022
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN		SHEET: 28 OF 31
BY	DATE	REVISION

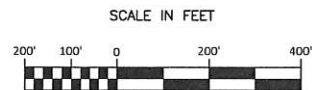
Date Plotted: 6/22/2022, 1:13 PM
 Layout Name: 29 Runway Profile - Near Term & Ultimate
 File Name: N:\Projects\19080\AN-DOT_SWD_MPL\0413-SWD-ALP-PROF.dwg
 Designed By: EXT
 Drawn By: CFS
 Checked By: BH



RUNWAY PROFILE 16-34 NEAR TERM

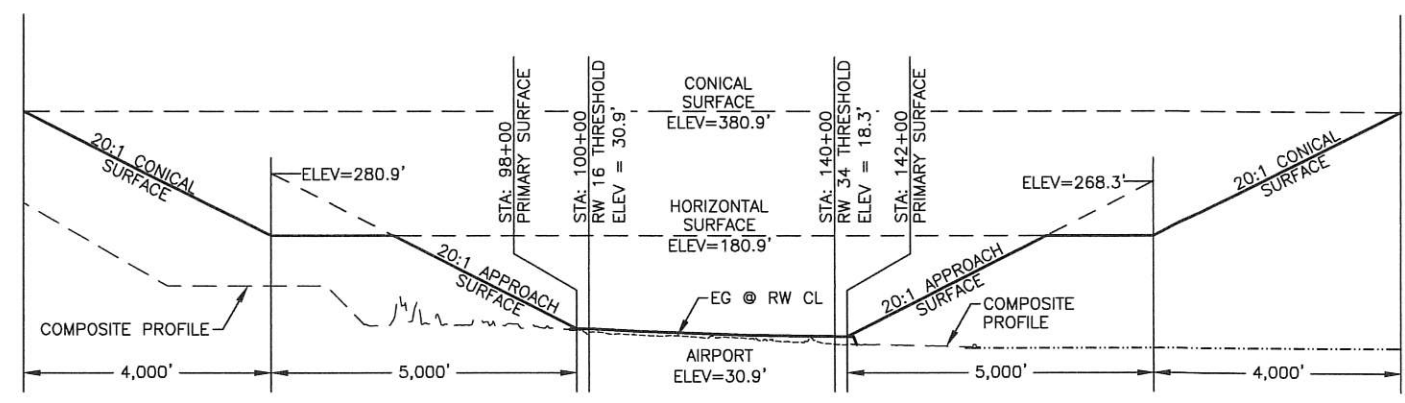
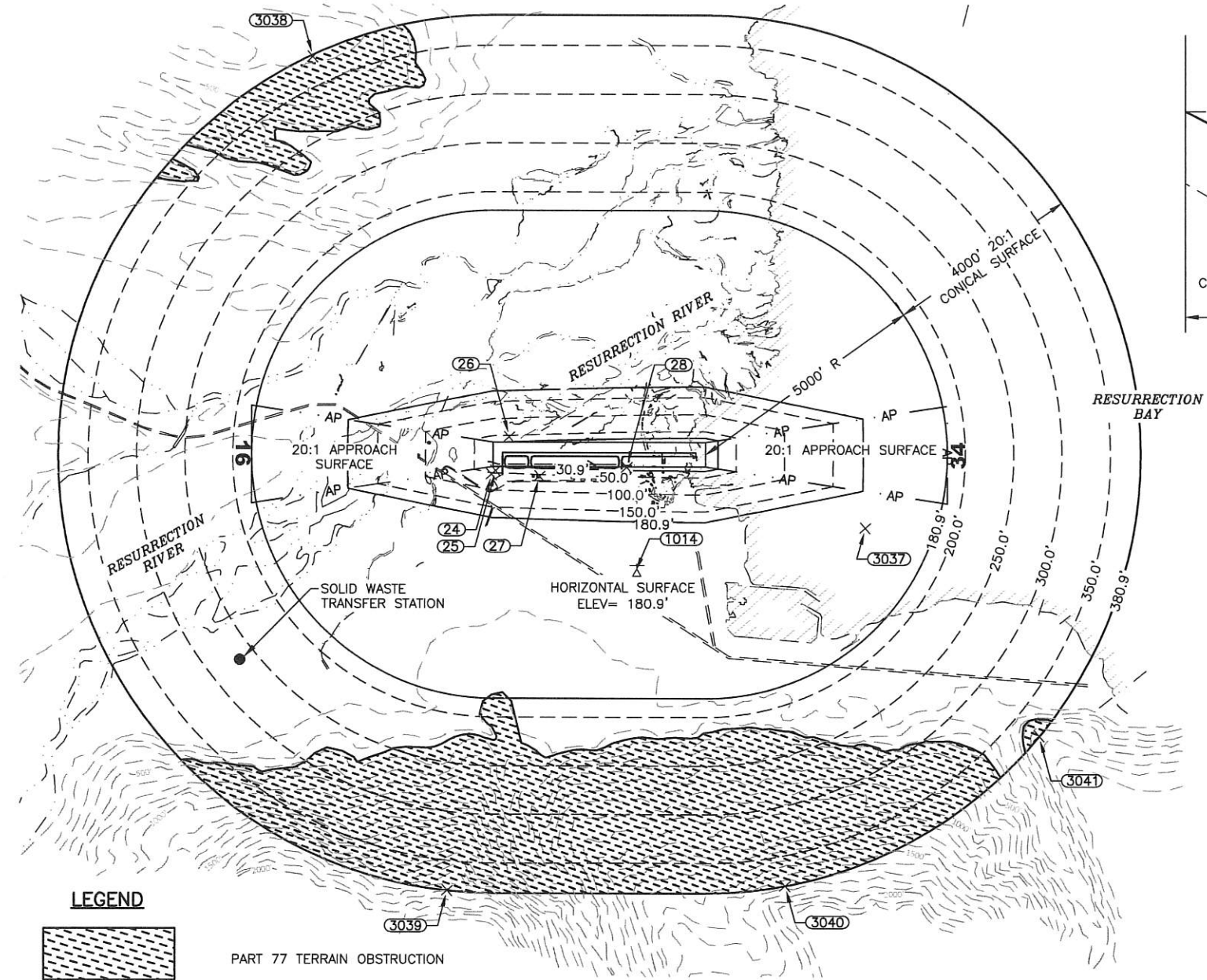


RUNWAY PROFILE 16-34 ULTIMATE



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION		DATE: 06/22/2022
		SHEET: 29 OF 31
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN		RUNWAY PROFILE - NEAR TERM & ULTIMATE
BY:	DATE:	REVISION:

Designed By: EAT
 Drawn By: CES
 Checked By: BH
 Date Plotted: 6/22/2022, 1:14 PM
 Layout Name: 30_Airport_Airspace_Drawing (14 CFR PART 77)
 File Name: N:\Projects\190808\AN-DOT_SNO_MP\04013-SNO-ALP-PROP.dwg

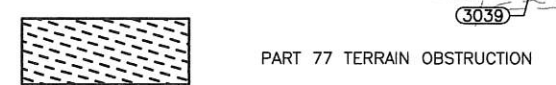


RUNWAY PROFILE 16-34
NTS

NOTES:

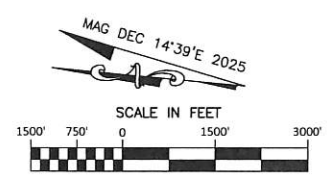
1. PRIMARY SURFACE WIDTH IS 500 FEET FOR RUNWAY 16-34.
2. THERE ARE NO ORDINANCES OR STATUTES IN EFFECT THAT SPECIFY HEIGHT RESTRICTIONS.
3. REFER TO THE INNER PORTION OF THE APPROACH SURFACE DRAWINGS FOR CLOSE-IN OBSTRUCTIONS.
4. ESTABLISHED AIRPORT ELEVATION IS 30.9'
5. MAPPING BASED ON COMBINATION OF FIELD SURVEY DATA COLLECTED MARCH 30, 2018, PHOTOGRAMMETRIC DATA COLLECTED JULY 15, 2014, AND USGS (A-7, 2018) MAP.

LEGEND



PART 77 OBSTRUCTION TABLE

ID#	DESCRIPTION	STATION/OFFSET	TOP ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
24	WEATHER STATION TOWER	97+68/ 408 R	64.3	TRANSITIONAL	54.3'	10.0	TO REMAIN	N/A
25	WINDCONE	98+50/ 330 R	54.8	TRANSITIONAL	42.3'	12.5	TO REMAIN	N/A
26	TREE	101+38/ 358 L	125.2	TRANSITIONAL	45.6'	79.6	TO BE REMOVED	NEAR TERM
27	AIRPORT BEACON	107+70/ 445 R	55.4	TRANSITIONAL	54.8'	0.6	TO REMAIN	N/A
28	SUPPLEMENTAL WINDCONE	125+77/ 262 R	44.2	TRANSITIONAL	22.0'	22.2	TO REMAIN	N/A
1014	WIND TURBINE	127+90/ 2,339 R	145.3	HORIZONTAL	180.9'	-35.7	TO REMAIN	N/A
3037	RESURRECTION BAY +250	175+00/ 1,500 R	250.0	HORIZONTAL	180.9'	69.1	TO REMAIN	N/A
3038	HIGHEST TERRAIN POINT	60+45/ 8,140 L	700.0	CONICAL	380.9'	319.1	TO REMAIN	N/A
3039	HIGHEST TERRAIN POINT	88+68/ 8,947 R	1,900.0	CONICAL	380.9'	1,519.1	TO REMAIN	N/A
3040	HIGHEST TERRAIN POINT	158+50/ 8,843 R	1,800.0	CONICAL	380.9'	1,419.1	TO REMAIN	N/A
3041	HIGHEST TERRAIN POINT	211+02 /5759 R	600.0'	CONICAL	380.9'	219.1'	TO REMAIN	N/A



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION		DATE: 06/22/2022
		SHEET: 30 OF 31
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN AIRPORT AIRSPACE DRAWING (14 CFR PART 77)		BY: _____ DATE: _____ REVISION: _____

Date Plotted: 6/22/2022, 1:14 PM
 Layout Name: 31 AIRPORT PROPERTY PLAN
 File Name: N:\Projects\19080401-3-SW-ALP-PROP.dwg
 Drawn By: EAT
 Checked By: BH

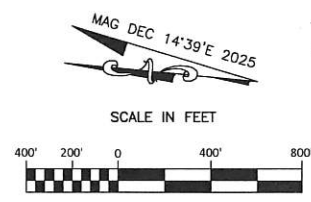
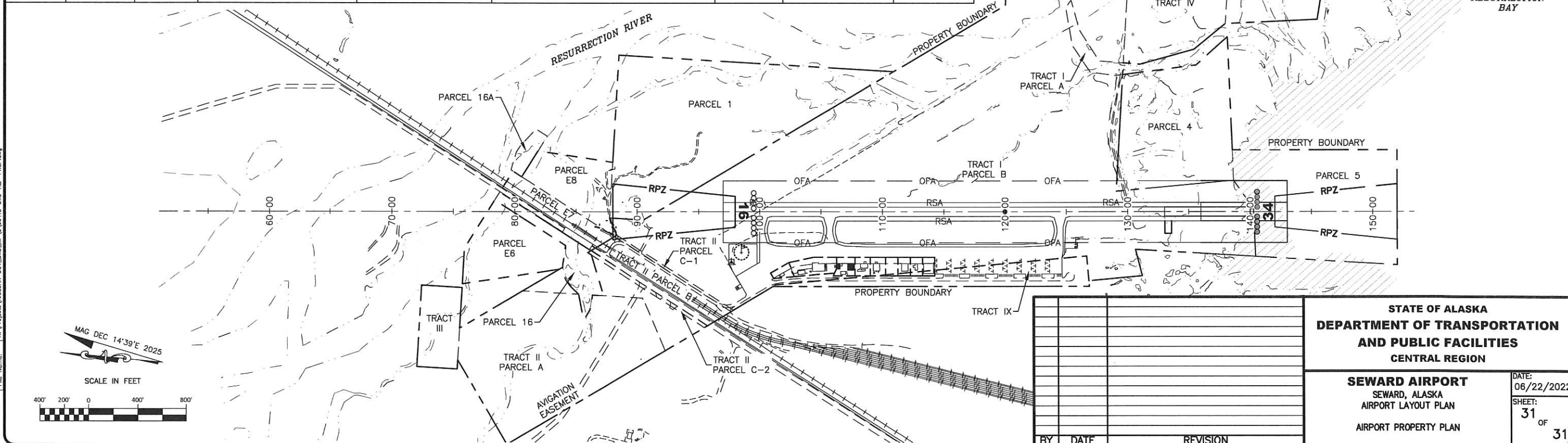
PROPERTY STATUS

PARCEL	LARGER TRACT AREA	TAKE	GRANTOR	GRANTEE	DOT&PF INTEREST ACQUIRED / RELEASED	DATE ACQUIRED	ACQUIRED UNDER A.I.P. NO.	NOTES
TRACT I PARCEL A	1.723 AC.± 1.723 AC.±		UNITED STATES OF AMERICA CITY OF SEWARD, ALASKA	STATE OF ALASKA, DOT&PF STATE OF ALASKA, DOT&PF	PATENT FOR AIRPORT PURPOSES QUIT CLAIM DEED	03-01-1955 10-28-1992	FAAP 9-50-003-101 -	
TRACT I PARCEL B	165.957 AC.± 165.957 AC.± 165.957 AC.±		SUPERIOR COURT, STATE OF ALASKA SUPERIOR COURT, STATE OF ALASKA SUPERIOR COURT, STATE OF ALASKA	STATE OF ALASKA, DOT&PF STATE OF ALASKA, DOT&PF STATE OF ALASKA, DOT&PF	DEFAULT JUDGMENT DEFAULT JUDGMENT CORRECTED FOR CLERICAL MISTAKE DEFAULT JUDGMENT CORRECTING CORRECTED DEFAULT JUDGMENT FOR CLERICAL MISTAKE	03-06-1964 07-19-1964 09-28-1967	FAAP 9-50-003-5902 - -	
TRACT II PARCEL A	29.954 AC.± 6.675 AC.±		VETERANS HOUSING COMPANY, INC. WOMEN'S DIVISION OF CHRISTIAN SERVICE OF THE BOARD OF MISSIONS OF THE METHODIST CHURCH	STATE OF ALASKA, DOT&PF STATE OF ALASKA, DOT&PF	PERPETUAL AVIGATION & HAZARD EASEMENT PERPETUAL AVIGATION & HAZARD EASEMENT	02-05-1963 09-27-1963	FAAP 9-50-003-5902 -	
TRACT II PARCEL B	5.171 AC.±		ALASKA RAILROAD CORPORATION		AIRSPACE PERMIT	08-08-1991	AKSAS 58156	
TRACT II PARCEL C-1	0.502 AC.±		STATE OF ALASKA, DOH	STATE OF ALASKA, DOT&PF	PERPETUAL AVIGATION & HAZARD EASEMENT	01-31-1963	FAAP 9-50-003-5902	
TRACT II PARCEL C-2	0.776 AC.±		STATE OF ALASKA, DOH	STATE OF ALASKA, DOT&PF	PERPETUAL AVIGATION & HAZARD EASEMENT	01-31-1963	FAAP 9-50-003-5902	
TRACT III	5.00 AC.±		STATE OF ALASKA, DNR	STATE OF ALASKA, DOT&PF	INTERAGENCY LAND MANAGEMENT AGREEMENT	11-15-1963	FAAP 9-50-003-C603	
TRACT IV	19.125 AC.±		HERMAN E. AND WINIFRED I. LEIRER	STATE OF ALASKA, DOT&PF	FEE SIMPLE - WARRANTY DEED	09-15-1965	FAAP 9-50-003-C603	
TRACT V	38.111 AC.±		DAVID W. CARLSON	STATE OF ALASKA, DOT&PF	FEE SIMPLE - WARRANTY DEED	11-11-1968	FAAP 9-50-003-C603	
TRACT VI	23.595 AC.±		CITY OF SEWARD, ALASKA	STATE OF ALASKA, DOT&PF	PERPETUAL AVIGATION & HAZARD EASEMENT	06-05-1967	FAAP 9-50-003-C603	
TRACT VIII	27.948 AC.±		HERMAN E. AND WINIFRED I. LEIRER	STATE OF ALASKA, DOT&PF	PERMIT, AVIGATION & HAZARD EASEMENT & ROW	02-13-1970	FAAP 9-50-003-C603	
TRACT IX	7.545 AC.±		ALASKA RAILROAD CORPORATION	STATE OF ALASKA, DOT&PF	35-YEAR PUBLIC AIRPORT LEASE	02-01-1991	AKSAS 58156	
PARCEL 1	38.224 AC±	38.224 AC±	CIVIL AIR PATROL	STATE OF ALASKA, DOT&PF	TO BE ACQUIRED, FEE	-	-	
PARCEL 4	20.578 AC.±	20.578 AC±	LEIRER FAMILY LIMITED PARTNERSHIP	STATE OF ALASKA, DOT&PF	TO BE ACQUIRED, FEE	-	-	
PARCEL 5	LARGE	25.395 AC±	CITY OF SEWARD	STATE OF ALASKA, DOT&PF	TO BE ACQUIRED, FEE	-	-	
PARCEL E6	LARGE	8.065 AC±	TBD	STATE OF ALASKA, DOT&PF	TO BE ACQUIRED, EASEMENT	-	-	
PARCEL E7	LARGE	4.270 AC±	TBD	STATE OF ALASKA, DOT&PF	TO BE ACQUIRED, EASEMENT	-	-	
PARCEL E8	LARGE	6.522 AC±	TBD	STATE OF ALASKA, DOT&PF	TO BE ACQUIRED, EASEMENT	-	-	
PARCEL 16	LARGE	3.245 AC±	FRANK AND BARBARA DIECKGRAEFF	STATE OF ALASKA, DOT&PF	FEE SIMPLE - HIGHWAY ROW	04-26-2005	-	
PARCEL 16A	LARGE	1.143 AC±	LEIF OLSON AND KARYN CLEMENS	STATE OF ALASKA, DOT&PF	FEE SIMPLE - HIGHWAY ROW	08-25-2005	-	

NOTE:

1. THE BOUNDARY DATA SHOWN ON THIS MAP WAS COMPILED FROM RECORD DATA. NO BOUNDARY SURVEY WAS PERFORMED IN THE FIELD. THIS MAP DOES NOT CONSTITUTE A BOUNDARY SURVEY. ALL ACREAGES SHOWN ARE COMPUTED, AND ARE APPROXIMATE BASED ON THE RECORD DATA.

- PROPERTY BOUNDARY (EXISTING)
- PROPERTY BOUNDARY (PROPOSED)
- PARCEL/TRACT BOUNDARY
- AIRPORT LEASING BOUNDARY



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION	
SEWARD AIRPORT SEWARD, ALASKA AIRPORT LAYOUT PLAN AIRPORT PROPERTY PLAN	
DATE: 06/22/2022 SHEET: 31 OF 31	BY: _____ DATE: _____ REVISION: _____