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

Alaskan Region Airports Division

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

May 22, 2020

Virginia Groeschel
ADOT&PF Aviation Design
4111 Aviation Ave
Anchorage, AK 99519-6900

Dear Ms. Groeschel:

Talkeetna Airport

Talkeetna, Alaska
As-Built Airport Layout Plan (20 May 2020)
(Original ALP Airspace #2009-AAL-81-NRA)

We have completed our review of the Talkeetna Airport As-Built Airport Layout Plan (ALP) dated 20 May 2020, and find it acceptable for documenting the existing conditions of the airport.

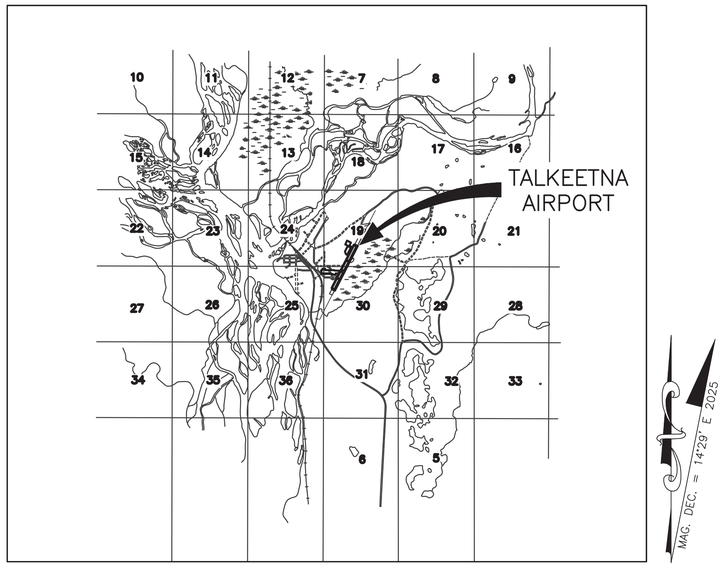
Please retain this letter in your files for future reference.

Sincerely,

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

ALASKA CENTRAL REGION LOCATION MAP

NOT TO SCALE



MAG. DEC. = 14°29' E 2025

VICINITY MAP

1 SM .5 SM 0 1 SM 2 SM

T 26 N, R 4 W, SEC. 19, 30
SEWARD MERIDIAN
U.S.G.S. TALKEETNA (B-1), ALASKA

TALKEETNA AIRPORT
AIRPORT LAYOUT PLAN

TALKEETNA, ALASKA

LEGEND		
ITEM	EXISTING	ULTIMATE
AIRPORT REFERENCE POINT (A.R.P.)		
ANTENNA		
APPROACH SURFACE	AP	AP
BUILDINGS		
BUILDING RESTRICTION LINE	BRL	BRL
DEPARTURE SURFACE	DP	DP
FAA WEATHER STATION		
FENCE	x x x	x x x
LIGHT POLE		
NON-DIRECTIONAL BEACON		
OBSTACLE CLEARANCE SURFACE	OCS	OCS
OVERHEAD ELECTRICAL LINE	OHE	OHE
PAPI		
PROPERTY LINE		
RAILROAD		
REIL		
ROADWAYS - PAVED		
ROADWAYS - UNPAVED		
ROTATING BEACON		
RUNWAY OBJECT FREE AREA	OFA	OFA
RUNWAY OBSTACLE FREE ZONE	OFZ	OFZ
RUNWAY PROTECTION ZONE	RPZ	RPZ
RUNWAY SAFETY AREA	RSA	RSA
SEGMENTED CIRCLE		
SHORELINE		
SURVEY MONUMENT		
TAXIWAY EDGE LIGHT		
THRESHOLD MARKERS/LIGHTS		
THRESHOLD SITING SURFACE	TSS	TSS
TOPOGRAPHIC CONTOURS	100	100
TREELINE		
UTILITY POLE		
VASI		
WATER BODY		
WIND CONE		

DRAWING INDEX	
SHT #	SHEET TITLE
1	COVER SHEET & INDEX
2	AIRPORT DATA
3	EXISTING LAYOUT (1 OF 2)
4	EXISTING LAYOUT (2 OF 2)
5	ULTIMATE LAYOUT (1 OF 2)
6	ULTIMATE LAYOUT (2 OF 2)
7	EXISTING/ULTIMATE RUNWAY PROFILES
8	EXISTING TERMINAL AREA (1 OF 2)
9	EXISTING TERMINAL AREA (2 OF 2)
10	ULTIMATE TERMINAL AREA (1 OF 2)
11	ULTIMATE TERMINAL AREA (2 OF 2)
12	EXISTING INNER PORTION OF THE APPROACH SURFACE - RUNWAY 1-19
13	ULTIMATE INNER PORTION OF THE APPROACH SURFACE - RUNWAY 1-19
14	ULTIMATE INNER PORTION OF THE APPROACH SURFACE - HELIPORT
15	EXISITNG DEPARTURE SUFACES - RUNWAY 1-19
16	ULTIMATE DEPARTURE SURFACES - RUNWAY 1-19
17	AIRPORT AIRSPACE (F.A.R. PART 77)
18	AIRPORT AIRSPACE PROFILES (F.A.R. PART 77) RUNWAY 1-19 AND HELIPORT
19	LAND USE
20	PROPERTY MAP

BY	DATE	REVISION

APPROVED: DATE:

JOHN LINNELL, P.E. PRECONSTRUCTION ENGINEER
RECOMMENDED: DATE:

LUKE BOWLAND, P.E. AVIATION DESIGN GROUP CHIEF

AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO
ALP APPROVAL LETTER DATED 9/16/2010
FAA AIRSPACE REVIEW NUMBER: 2009-AAL-81-NRA

PATRICK J ZETTLER
Digitally signed by PATRICK J ZETTLER
Date: 2020.05.22 15:52:54 -08'00'

As-Built Accepted

DATE:
FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

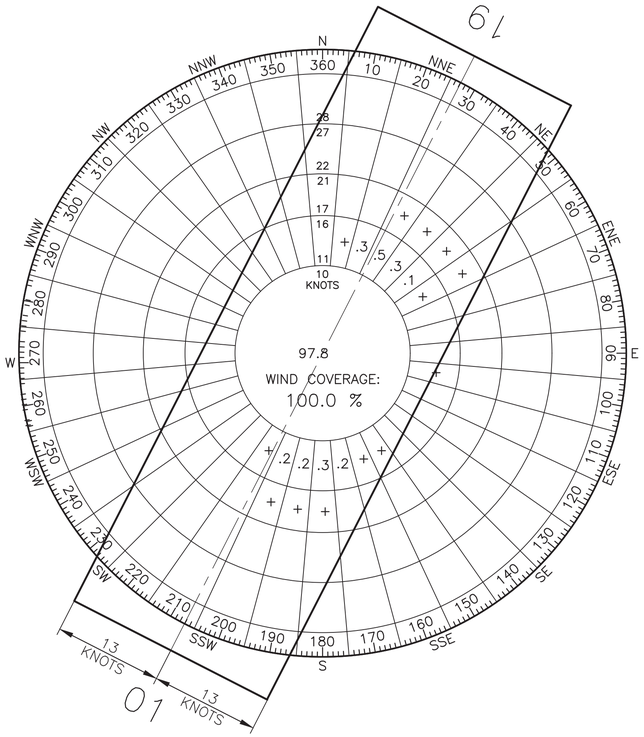
TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN

COVER & SHEET INDEX

DATE: 5/20/2020
SHEET: 1 OF 20

Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/20/2020, 4:50 PM
Layout Name: COVR
File Name: U:\20470028Z\Talkeetna\Dwgs\CV\As-Built-ALP_2019\Sheets\ALP-TKA-1-2_COVER-DATA.dwg

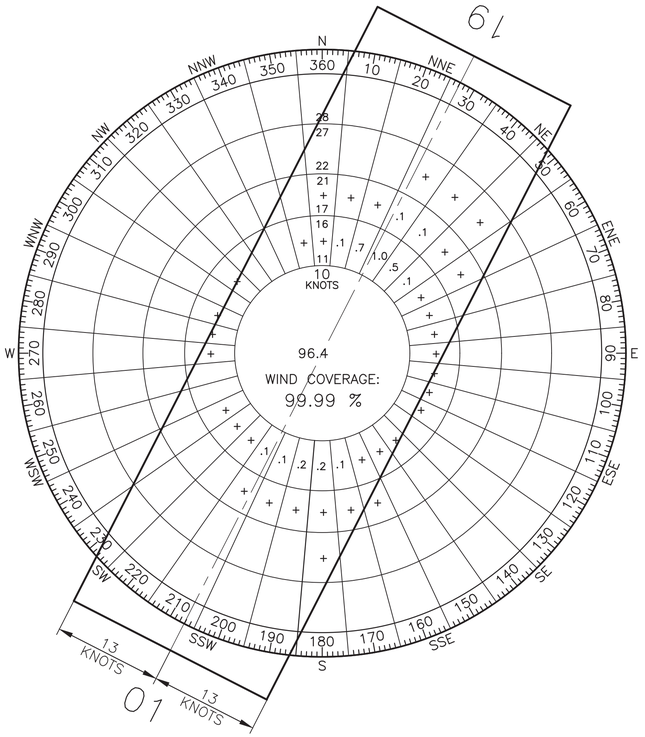


WIND DATA

NOTE: WIND SPEED IS INDICATED IN KNOTS.

IFR WIND DATA TABLE			
RUNWAY	10.5 kt	13 kt	
1/19	99.97%	100.0%	

SOURCE: FAA GIS NATION CLIMATIC DATA CENTER
STATION: TALKEETNA, AK
PERIOD: 2009–2018



WIND DATA

NOTE: WIND SPEED IS INDICATED IN KNOTS.

ALL WEATHER WIND DATA TABLE			
RUNWAY	10.5 kt	13 kt	
1/19	99.95%	99.99%	

SOURCE: FAA GIS NATION CLIMATIC DATA CENTER
STATION: TALKEETNA, AK
PERIOD: 2009–2018

AIRPORT DATA TABLE		
ITEM	EXISTING	ULTIMATE
ICAO IDENTIFIER	PATK	PATK
NATIONAL AIRPORT IDENTIFIER	TKA	TKA
FAA SITE NUMBER	50738.*A	50738.*A
AIRPORT ELEVATION NAVD88	365.0'	365.0'
AIRPORT REFERENCE CODE	B–II(S)	B–II(S)
CRITICAL AIRCRAFT	B–II(S)	B–II(S)
MEAN MAX. TEMPERATURE, HOTTEST MONTH	68.0°F, JULY	68.0°F, JULY
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	14°29'E, JAN 2025, 16' WEST PER YEAR	
AIRPORT AND TERMINAL NAVIGATION AIDS	VOR, NDB, GPS, DME, ROTATING BEACON	VOR, NDB, GPS, DME, ROTATING BEACON
MISCELLANEOUS FACILITIES	WINDCONE, FAA WEATHER STATION	WINDCONE, FAA WEATHER STATION
NPIAS SERVICE LEVEL	GENERAL AVIATION	GENERAL AVIATION
STATE EQUIVALENT SERVICE ROLE	COMMUNITY ON–ROAD	COMMUNITY ON–ROAD

RUNWAY 01/19 DATA TABLE		
ITEM	EXISTING	ULTIMATE
RUNWAY IDENTIFIER	01/19	01/19
RUNWAY TYPE (UTILITY OR OTHER THAN UTILITY)	UTILITY	UTILITY
FAR PART 77 APPROACH CATEGORY (V, NPI, P)	NPI / NPI	NPI / NPI
FAR PART 77 APPROACH SURFACE SLOPE	20:1 / 20:1	20:1 / 20:1
THRESHOLD SITING SURFACE	20:1 / 20:1	20:1 / 20:1
DEPARTURE SURFACE	YES / YES	YES / YES
VISIBILITY MINIMUM	≥1 SM	≥1 SM
RUNWAY SURFACE	ASPHALT	ASPHALT
AIRPLANE GEAR CONFIG/PAVE STRENGTH x1000lbs	SINGLE / 30	SINGLE / 30
PAVEMENT STRENGTH BY PCN		
SURFACE TREATMENT	NONE	NONE
RUNWAY DESIGN CODE	B–II(S)	B–II(S)
APPROACH REFERENCE CODE	B/II/5000	B/II/5000
DEPARTURE REFERENCE CODE	B/II	B/II
DESIGN GROUP OR AIRCRAFT IF > 60,000 lbs	N/A	N/A
MEAN GEODETIC BEARING	N 27°04'07.94" E	N 27°04'07.94" E
MAXIMUM ELEVATION (NAVD88)	365.0'	365.0'
EFFECTIVE GRADE	0.25%	0.25%
TOUCHDOWN ZONE ELEVATION NAVD88	363.2' / 365.0'	363.2' / 365.0'
RUNWAY DIMENSIONS	75' x 3,500'	75' x 3,500'
RUNWAY SAFETY AREA (RSA)	150' x 4,100'	150' x 4,100'
RSA LENGTH BEYOND RUNWAY ENDS	300'	300'
RUNWAY PROTECTION ZONE (RPZ)	250' x 450' x 1,000'	250' x 450' x 1,000'
RUNWAY OBJECT FREE AREA (OFA)	500' x 4,100'	500' x 4,100'
OFA LENGTH BEYOND RUNWAY ENDS	300'	300'
RUNWAY OBSTACLE FREE ZONE (OFZ)	250' x 3,900'	250' x 3,900'
PRECISION OBSTACLE FREE ZONE (POFZ)	N/A	N/A
RUNWAY LIGHTING	MIRL	MIRL
RUNWAY MARKING TYPE	NPA	NPA
RUNWAY NAVIGATIONAL AIDS	VASI, GPS VOR, DME, NDB	PAPI, GPS, VOR, DME, NDB
AERONAUTICAL SURVEY TYPE REQUIRED	VG	VG

NOTES:

1. THIS DRAWING CONSISTS OF FAA AIRPORTS–GIS SURVEY DATA COMPILED IN SUPPORT OF AS–BUILT AERONAUTICAL SURVEY #234932.
2. THE HORIZONTAL COORDINATE SYSTEM IS NAD83 (2011) (EPOCH 2010) ALASKA STATE PLANE ZONE 4, IN U.S. SURVEY FEET. THE VERTICAL DATUM FOR THIS PROJECT IS NAVD88 USING GEOID12B.
3. ROUND SURVEY WAS PERFORMED BY STANTEC DURING AUGUST 1–7, 2018. NO AERIAL MAPPING WAS PERFORMED THIS SURVEY.
4. PACS AND SACS POSITIONS SHOWN HEREIN ARE BASED ON NATIONAL GEODETIC SURVEY (NGS) PUBLISHED POSITIONS, HAVING BEEN FIELD VERIFIED BY STANTEC.

PACS & SACS								
PID	DESIGNATION	LATITUDE	LONGITUDE	ELLIPSOID HEIGHT	NORTHING	EASTING	ELEVATION	DESCRIPTION
DQ2908	TKA D	62°19'13.24" N	150°05'45.33" W	385.3'	3040111.5	1624101.5	353.1'	PACS
DQ2909	TKA E	62°19'01.44" N	150°05'58.75" W	382.1'	3038913.8	1623465.5	349.9'	SACS
DQ2910	TKA F	62°19'30.92" N	150°05'26.37" W	392.7'	3041905.6	1624999.4	360.3'	SACS

TAXIWAY DATA																		
	TW A		TW B		TW C		TW D		TW E		TW F		TW G		TW H		TW J	
ITEM	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
AIRPLANE DESIGN GROUP	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II
TAXIWAY DESIGN GROUP	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAXIWAY SURFACE	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT
TAXIWAY DIMENSIONS	35' X 3,900'	35' X 3,900'	35' X 202'	35' X 202'	35' X 202'	35' X 202'	35' X 202'	35' X 202'	35' X 202'	35' x 202'	35' X 100'	35' X 100'	35' X 100'	35' X 100'	35' X 100'	35' X 250'	35' X 250'	35' X 250'
SHOULDER WIDTH	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'
SAFETY AREA (TSA) WIDTH	79'	79'	79'	79'	79'	79'	79'	79'	79'	79'	79'	79'	79'	79'	79'	79'	79'	79'
EDGE SAFETY MARGIN (TESM)	7.5'	7.5'	7.5'	7.5'	7.5'	7.5'	7.5'	7.5'	7.5'	7.5'	7.5'	7.5'	7.5'	7.5'	7.5'	7.5'	7.5'	7.5'
OBJECT FREE AREA (TOFA) WIDTH	131'	131'	131'	131'	131'	131'	131'	131'	131'	131'	131'	131'	131'	131'	131'	131'	131'	131'
TAXIWAY LIGHTING	MITL	MITL	MITL	MITL	MITL	MITL	MITL	MITL	MITL	MITL	MITL	MITL	MITL	MITL	MITL	MITL	MITL	MITL
TAXIWAY MARKING	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO

GEOGRAPHIC COORDINATES								
ITEM	EXISTING LATITUDE	EXISTING LONGITUDE	EXISTING STATION	EXISTING ELEVATION	ULTIMATE LATITUDE	ULTIMATE LONGITUDE	ULTIMATE STATION	ULTIMATE ELEVATON
ARP	62°19'16.94" N	150°05'33.78" W	N/A	N/A	62°19'16.94" N	150°05'33.78" W	N/A	N/A
THRESHOLD RW 01	62°19'01.60" N	150°05'50.64" W	3+00	356.1'	62°19'01.60" N	150°05'50.64" W	3+00	356.1'
THRESHOLD RW 19	62°19'32.28" N	150°05'16.93" W	38+00	365.0'	62°19'32.28" N	150°05'16.93" W	38+00	365.0'
HELIPORT REFERENCE POINT	N/A	N/A	N/A	N/A	62°19'48.67" N	150°04'38.38" W	N/A	366.4'

MODIFICATION OF STANDARDS					
ITEM	EXISTING	STANDARD	ULTIMATE	AIRSPACE #	APPROVAL DATE
NONE					

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN

AIRPORT DATA

DATE: 5/19/2020
SHEET: 2 OF 20

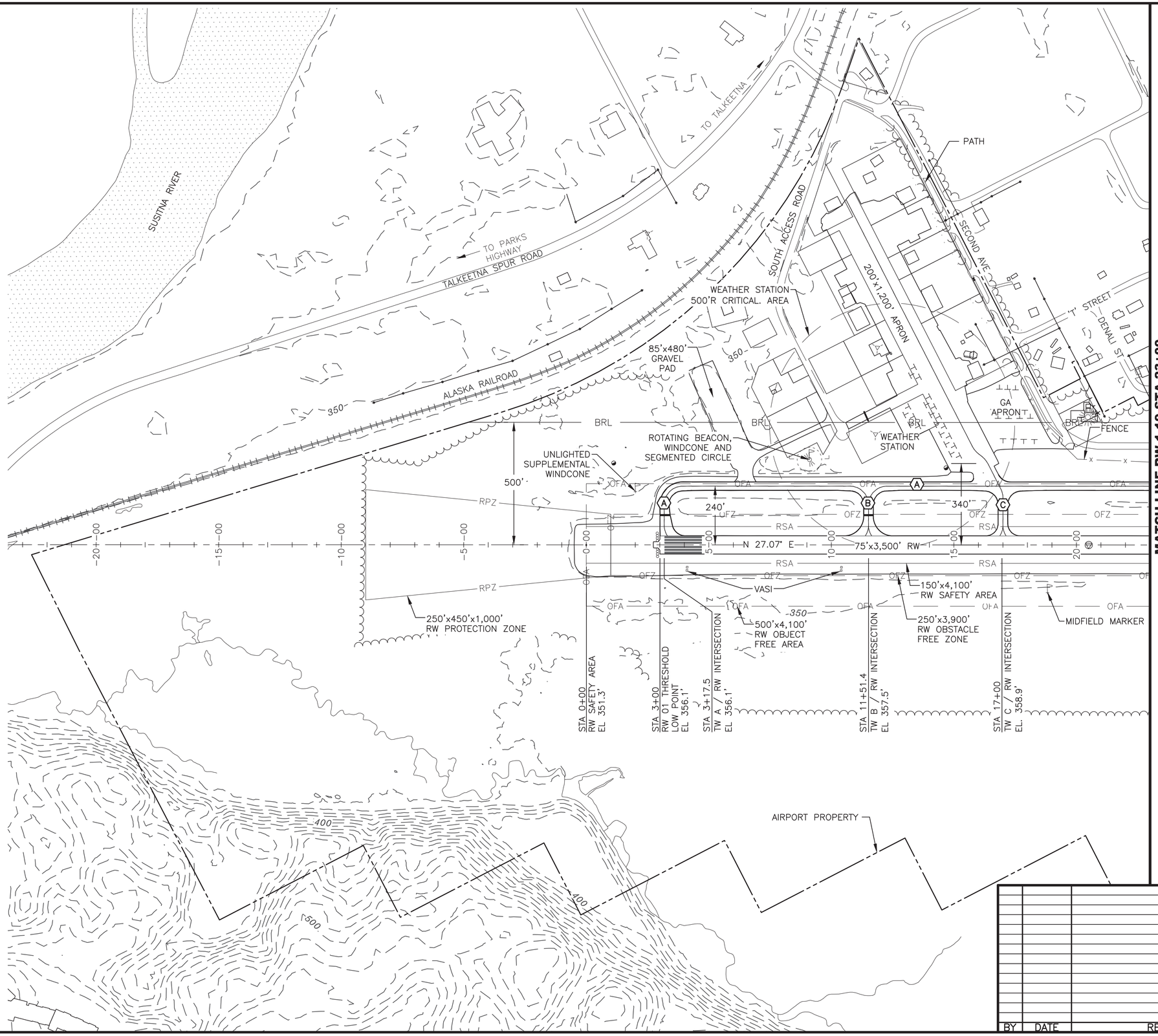
Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/19/2020 - 12:59 PM
Layout Name: DATA
File Name: U:\204700282\Talkeetna\Dwgs\CVAs-Built-ALP_2019\Sheets\ALP-TKA-1-2_COVER-DATA.dwg

TAXIWAY DATA TABLE				
ITEM ⬡	EXISTING			
	WIDTH	LENGTH	TSA	TOFA
TW A	35'	3,900'	79'	131'
TW B	35'	202'	79'	131'
TW C	35'	202'	79'	131'

NOTES:

1. NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
2. NO OFZ PENETRATIONS.



MATCH LINE RW 1-19 STA 23+00
SEE SHEET 4

MAG. DEC. = 14°29'E 2025

SCALE IN FEET
200' 100' 0 200' 400'

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN

EXISTING LAYOUT (1 OF 2)

DATE: 5/19/2020

SHEET: 3 OF 20

Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/19/2020, 1:02 PM
Layout Name: 3 EXISTING LAYOUT
File Name: U:\204700282\Talkeetna\Dwgs\C\As-Built-ALP_2019\Sheets\ALP-TKA-3-6_EX-NT-ULT-LAYOUTS.dwg

TAXIWAY DATA TABLE				
ITEM ⬡	EXISTING			
	WIDTH	LENGTH	TSA	TOFA
TW A	35'	3,900'	79'	131'
TW D	35'	202'	79'	131'
TW E	35'	202'	79'	131'
TW F	35'	100'	79'	131'
TW G	35'	100'	79'	131'
TW H	35'	100'	79'	131'
TW J	35'	250'	79'	131'

NOTES:

1. NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
2. NO OFZ PENETRATIONS.

SEE SHEET 3
MATCH LINE RW 1-19 STA 23+00

SAND STORAGE BUILDING
SNOW REMOVAL EQUIPMENT BUILDING
FENCE
K STREET
BILL'S ROAD
BEAVER STREET
SEWAGE LAGOON
OHE
360
BRL
150'
150'x600' TAXILANE
ACCESS ROAD
105'
243'x583' TRANSIENT APRON
155'x780' GA APRON
AIRCRAFT PARKING
555'
362'
RPZ
240'
328'
500'
OFA
OFZ
RSA
N 27.07° E
75'x3,500' RW
VASI
UNLIGHTED SUPPLEMENTAL WINDCONE
250'x450'x1,000' RW PROTECTION ZONE
STA 25+49 TW D / RW INTERSECTION EL 361.4'
STA 37+82.5 TW E / RW INTERSECTION EL 365.0'
STA 38+00 RW 19 THRESHOLD HIGH POINT EL 365.0'
STA 41+00 RW SAFETY AREA EL 364.1'
AIRPORT PROPERTY

MAG. DEC. = 14°29'E 2025

SCALE IN FEET
200' 100' 0 200' 400'

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN

EXISTING LAYOUT (2 OF 2)

DATE: 5/19/2020
SHEET: 4 OF 20

Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/19/2020, 3:11 PM
Layout Name: 4 EXISTING LAYOUT
File Name: U:\20470282\Talkeetna\Dwgs\C\As-Built-ALP_2019\Sheets\ALP-TKA-3-6_EX-N1-ULT-LAYOUTS.dwg

TAXIWAY DATA TABLE				
ITEM ⬡	ULTIMATE			
	WIDTH	LENGTH	TSA	TOFA
TW A	35'	3,900'	79'	131'
TW B	35'	202'	79'	131'
TW C	35'	202'	79'	131'

NOTES:

1. NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
2. NO OFZ PENETRATIONS.

MATCH LINE RW 1-19 STA 23+00
SEE SHEET 6

SUSITNA RIVER
TO TALKEETNA
TO PARKS HIGHWAY
TALKEETNA SPUR ROAD
ALASKA RAILROAD
SOUTH ACCESS ROAD
PATH
SECOND AVE
'T' STREET
DENALI ST
200'X1200' APRON
WEATHER STATION
500'R CRITICAL AREA
350
BRL
500'
UNLIGHTED SUPPLEMENTAL WINDCONE
WEATHER STATION
ROTATING BEACON, WINDCONE AND SEGMENTED CIRCLE
STA 17+81
PAPI
OFA
OFZ
RSA
240'
340'
N 27.07° E
75'x3,500' RW
RPZ
250'x450'x1,000' RW PROTECTION ZONE
150'x4,100' RW SAFETY AREA
500'x4,100' RW OBJECT FREE AREA
250'x3,900' RW OBSTACLE FREE ZONE
MIDFIELD MARKER
STA 0+00 RW SAFETY AREA EL 351.3
STA 3+00 RW 01 THRESHOLD LOW POINT EL 356.1'
STA 3+17.5 TW A / RW INTERSECTION EL 356.1'
STA 11+51.4 TW B / RW INTERSECTION EL 357.5'
STA 17+00 TW C / RW INTERSECTION EL 358.9'
400
500
AIRPORT PROPERTY

MAG. DEC. = 14°29'E 2025

SCALE IN FEET
200' 100' 0 200' 400'

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN

ULTIMATE LAYOUT (1 OF 2)

DATE: 5/19/2020
SHEET: 5 OF 20

Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/19/2020, 1:03 PM
Layout Name: 5 ULTIMATE LAYOUT
File Name: U:\20470028X\Talkeetna\Dwgs\C\As-Built-ALP_2019\Sheets\ALP-TKA-3-6_EX-NT-ULT-LAYOUTS.dwg

TAXIWAY DATA TABLE				
ITEM ⬡	ULTIMATE			
	WIDTH	LENGTH	TSA	TOFA
TW A	35'	3,900'	79'	131'
TW D	35'	202'	79'	131'
TW E	35'	202'	79'	131'
TW F	35'	100'	79'	131'
TW G	35'	100'	79'	131'
TW H	35'	250'	79'	131'
TW J	35'	250'	79'	131'

NOTES:

1. NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
2. NO OFZ PENETRATIONS.

SEE SHEET 5
MATCH LINE RW 1-19 STA 23+00

SAND STORAGE BUILDING
SNOW REMOVAL EQUIPMENT BUILDING
'K' STREET
BILL'S ROAD
BEAVER STREET
SEWAGE LAGOON
MAINTENANCE PAD
150'x1,100' TAXILANE
243'x583' TRANSIENT APRON
155'x1,180' GA APRON
AIRCRAFT PARKING
BRL
OHE
360
105'
362'
555'
863'
240'
500'
350'
OFA
OFZ
RSA
RPZ
N 27.07° E
75'x3,500' RW
UNLIGHTED SUPPLEMENTAL WINDCONE
250'x450'x1,000' RW PROTECTION ZONE
STA 25+49 TW D / RW INTERSECTION EL 361.4'
STA 32+60 PAPI
STA 37+82.5 TW E / RW INTERSECTION EL 365.0'
STA 38+00 RW 19 THRESHOLD HIGH POINT EL 365.0'
STA 41+00 RW SAFETY AREA 364.1'
HELIPORT APPROACH CENTERLINE
75'x375' SMALL HELICOPTER PARKING
LIGHTED WINDCONE
LEASE AREA
175'x285' LARGE HELICOPTER PARKING
TOUCHDOWN & LIFTOFF AREA
FINAL APPROACH & TAKEOFF AREA
HELIPORT SAFETY AREA
150'x280'x174.5' PROTECTION ZONE
ULTIMATE AIRPORT PROPERTY

HELIPORT AND SUPPORT AREA

MAG. DEC. = 14°29'E 2025

SCALE IN FEET
200' 100' 0 200' 400'

BY	DATE	REVISION

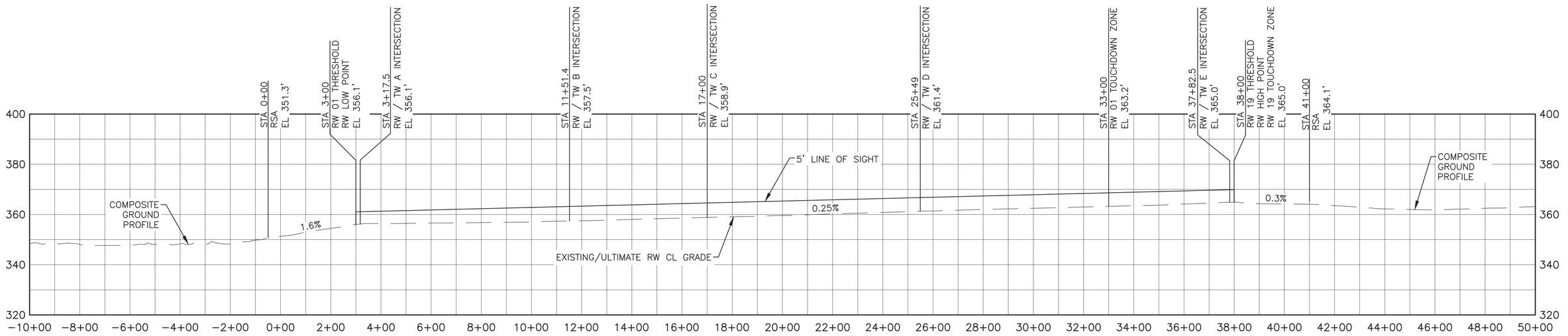
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN
ULTIMATE LAYOUT (2 OF 2)

DATE: 5/19/2020
SHEET: 6 OF 20

Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/19/2020, 1:03 PM
Layout Name: 6 ULTIMATE_LAYOUT
File Name: U:\20470282\Talkeetna\Dwgs\CVAs-Built-ALP_2019\Sheets\ALP-TKA-3-6_EX-NT-ULT-LAYOUTS.dwg



RUNWAY 01/19 PROFILE

NOTES:

1. REFER TO LAYOUT SHEETS FOR EXISTING AND ULTIMATE PLAN VIEWS.
2. REFER TO EXISTING/ULTIMATE INNER PORTION OF THE APPROACH SURFACES FOR OBSTRUCTION DATA AND THRESHOLD SITING CRITERIA.
3. REFER TO THE AIRPORT AIRSPACE DRAWING FOR PENETRATIONS OF THE OUTER APPROACH SURFACES.
4. NO OFZ PENATRATIONS.
5. NO RVZ OBSTRUCTIONS.
6. RUNWAYS PROVIDE CLEAR LINE OF SIGHT PER AC 150/5300−13A PARAGRAPH 305.
7. THERE IS NO CHANGE TO THE EXISTING RUNWAY PROFILE IN THE ULTIMATE CONDITION.

SCALE IN FEET
200' 100' 0 200' 400'
HORIZONTAL TO VERTICAL RATIO 1:10

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN

EXISTING/ULTIMATE RUNWAY PROFILES

DATE: 5/19/2020
SHEET: 7 OF 20

Designed By: LEN
Drawn By: ADC
Checked By: MWG

Date Plotted: 5/19/2020, 1:11 PM
Layout Name: 7 RW PROFILES
File Name: U:\204700282\Talkeetna\Dwgs\CVAs-Built-ALP_2019\Sheets\ALP-TKA-7_E-U-PROFILES.dwg

FACILITIES DATA TABLE				
ID# ◯	DESCRIPTION	STATION/ OFFSET	TOP ELEV. (MSL)	OBSTRUCT MARKING
A	BUILDING	7+74 644'L	370.7'	NONE
B	BUILDING	10+09 1,390'L	380.0'	NONE
C	BUILDING	10+65 1,008'L	371.0'	NONE
D	BUILDING	11+10 927'L	384.9'	NONE
E	BUILDING	11+42 1,920'L	375.0'	NONE
F	BUILDING	11+55 1,497'L	370.3'	NONE
G	BUILDING	11+84 1,566'L	367.8'	NONE
H	BUILDING	12+00 805'L	389.9'	NONE
J	BUILDING	13+04 1,428'L	379.9'	NONE
K	BUILDING	13+27 1,172'L	373.2'	NONE
L	BUILDING	14+12 1,003'L	375.4'	NONE
M	BUILDING	15+61 858'L	366.0'	NONE
N	BUILDING	15+70 778'L	379.3'	NONE
P	BUILDING	15+90 715'L	384.7'	NONE
R	FSS	20+05 538'L	373.3'	NONE

NOTES:

1. K2 AND TALKEETNA AIR TAXI HAVE PORTABLE FUEL TANKS ON TRAILERS.

MAG. DEC. = 14°29'E 2025

SCALE IN FEET
100' 50' 0 100' 200'

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN
EXISTING
TERMINAL AREA (1 OF 2)

DATE: 5/19/2020
SHEET: 8 OF 20

Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/19/2020, 1:14 PM
Layout Name: 8 TERMINAL EX
File Name: U:\20470028\Talkeetna\Dwgs\C\As-Built-ALP_2019\Sheets\ALP-TKA-8-11_TERMINAL.dwg

Designed By:	LEN
Drawn By:	ADC
Checked By:	MMG

Date Plotted:	5/19/2020, 1:14 PM
Layout Name:	9 TERMINAL EX
File Name:	U:\20470028\Talkeetna\Dwgs\CVAs-Built-ALP_2019\Sheets\ALP-TKA-8-11_TERMINAL.dwg

BUILDING DATA TABLE

ID# ◯	DESCRIPTION	STATION/ OFFSET	TOP ELEV. (MSL)	OBSTRUCT MARKING
T	DOT MAINTENANCE	36+43 565'L	388.0'	NONE
U	SAND STORAGE	36+54 740'L	395.6'	NONE

MAG. DEC. = 14°29'E 2025

SCALE IN FEET
100' 50' 0 100' 200'

BILL'S ROAD
LEASE LOTS (5)
150'
125'
75'
BRL
TOFA
TAXILANE
SECURITY FENCE
U
FUEL TANK
T
TOFA BRL
ADG I TIEDOWNS
ADG II TIEDOWNS
TRANSIENT APRON
111'
243'
583'
71
F
G
A
D
E
J
H
LEASE LOTS (3)
GA APRON
73'
180'
OFA
OFZ
RSA
BEAVER ST
'K' STREET
OHE

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN
EXISTING
TERMINAL AREA (2 OF 2)

DATE: 5/19/2020
SHEET: 9 OF 20

FACILITIES DATA TABLE				
ID# ◯	DESCRIPTION	STATION/ OFFSET	TOP ELEV. (MSL)	OBSTRUCT MARKING
A	BUILDING	7+74 644'L	370.7'	NONE
B	BUILDING	10+09 1,390'L	380.0'	NONE
C	BUILDING	10+65 1,008'L	371.0'	NONE
D	BUILDING	11+10 927'L	384.9'	NONE
E	BUILDING	11+42 1,920'L	375.0'	NONE
F	BUILDING	11+55 1,497'L	370.3'	NONE
G	BUILDING	11+84 1,566'L	367.8'	NONE
H	BUILDING	12+00 805'L	389.9'	NONE
J	BUILDING	13+04 1,428'L	379.9'	NONE
K	BUILDING	13+27 1,172'L	373.2'	NONE
L	BUILDING	14+12 1,003'L	375.4'	NONE
M	BUILDING	15+61 858'L	366.0'	NONE
N	BUILDING	15+70 778'L	379.3'	NONE
P	BUILDING	15+90 715'L	384.7'	NONE
R	FSS	20+05 538'L	373.3'	NONE

NOTES:

1. K2 AND TALKEETNA AIR TAXI HAVE PORTABLE FUEL TANKS ON TRAILERS.

MAG. DEC. = 14°29'E 2025

SCALE IN FEET
100' 50' 0 100' 200'

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN
ULTIMATE
TERMINAL AREA (1 OF 2)

DATE: 5/19/2020
SHEET: 10 OF 20

Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/19/2020, 1:15 PM
Layout Name: 10 TERMINAL ULT
File Name: U:\20470028\Talkeetna\Dwgs\C\As-Built-ALP_2019\Sheets\ALP-TKA-8-11_TERMINAL.dwg

Designed By:	LEN
Drawn By:	ADC
Checked By:	MMG

Date Plotted:	5/19/2020, 1:15 PM
Layout Name:	11 TERMINAL ULT
File Name:	U:\20470028?\Talkeetna\Dwgs\CVAs-Built-ALP_2019\Sheets\ALP-TKA-8-11_TERMINAL.dwg

BUILDING DATA TABLE

ID# ◯	DESCRIPTION	STATION/ OFFSET	TOP ELEV. (MSL)	OBSTRUCT MARKING
T	DOT MAINTENANCE	36+43 565'L	388.0'	NONE
U	SAND STORAGE	36+54 740'L	395.6'	NONE

MAG. DEC. = 14°29'E 2025

SCALE IN FEET
100' 50' 0 100' 200'

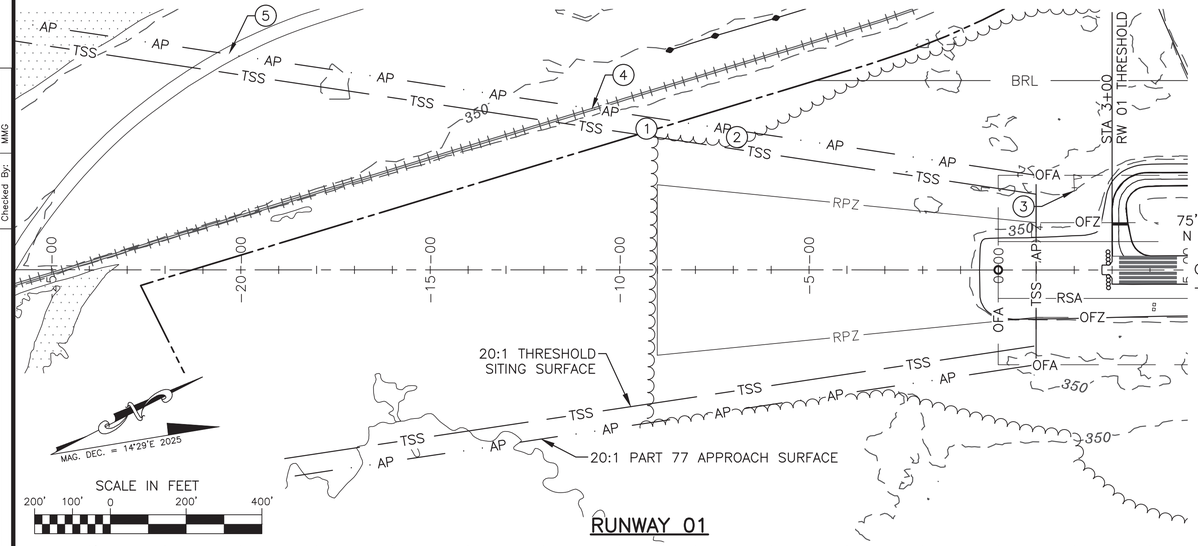
OHE
'K' STREET
SECURITY FENCE
ADG I TIEDOWNS
ADG II TIEDOWNS
TRANSIENT APRON
FUEL TANK
BILL'S ROAD
BEAVER STREET
BILL'S ROAD
LEASE LOTS (9)
LEASE LOTS (8)
TAXILANE
GA APRON
BRL
TOFA
OFA
OFZ
RSA
150'
125'
75'
111'
243'
583'
71'
180'
73'
A
D
E
F
G
H
J
U
T

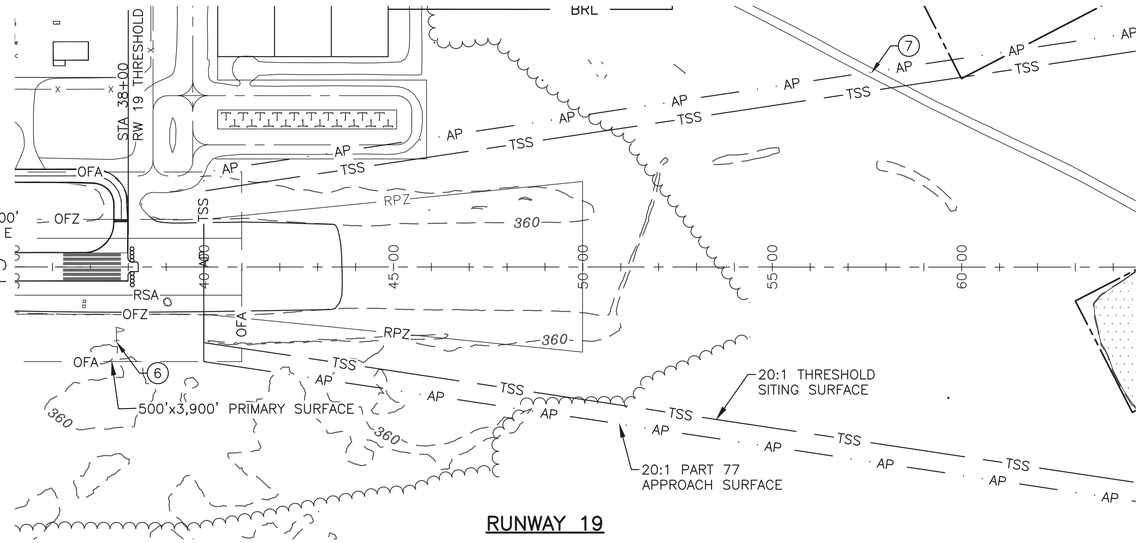
BY	DATE	REVISION

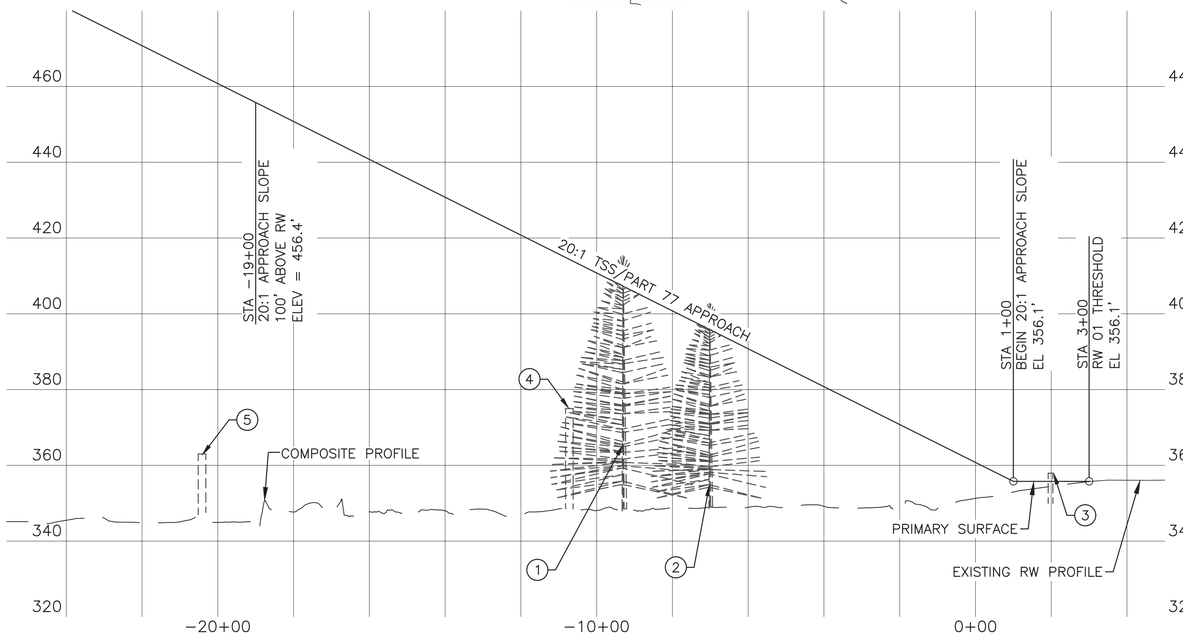
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

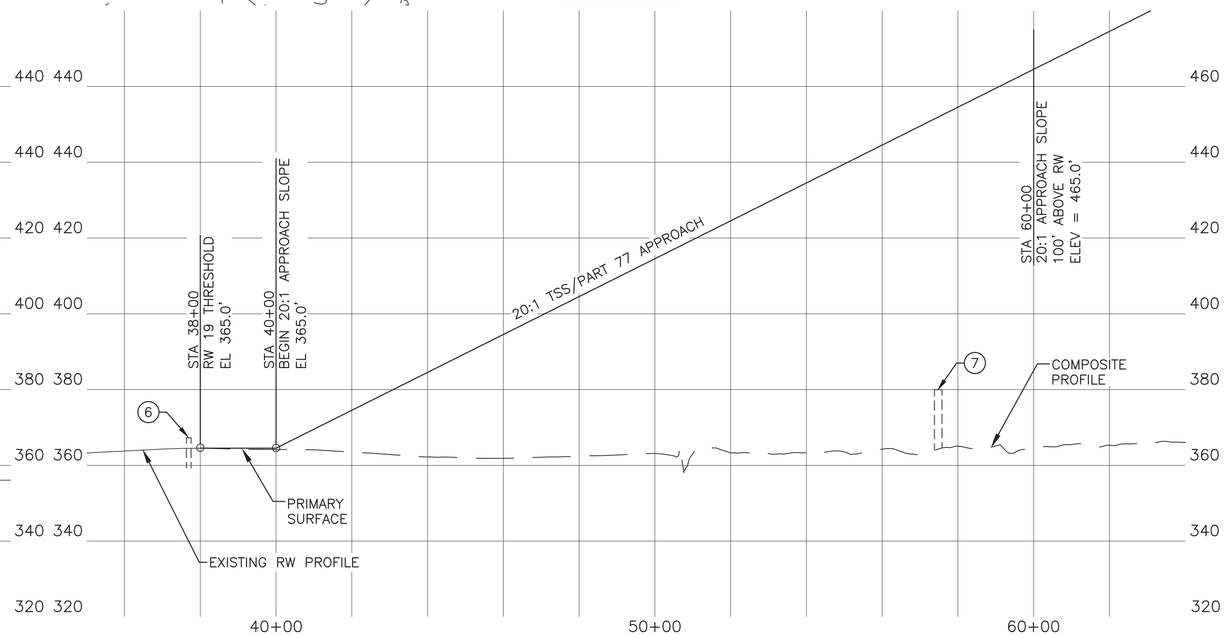
TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN
ULTIMATE
TERMINAL AREA (2 OF 2)

DATE: 5/19/2020
SHEET: 11 OF 20









PART 77 SURFACE OBSTRUCTION TABLE (INNER PORTION RW 01)

ID#	DESCRIPTION	STATION/ OFFSET	BASE EL	TOP EL	SURFACE PENETRATED	SURFACE EL	AMOUNT PENETRATED	DISPOSITION	STAGE TO CORRECT
1	TREES (HP)	−9+23/374'L	349'	415'	APPROACH	408'	7'	REMOVE	ULTIMATE
2	TREES (HP)	−6+95/340'L	348'	403'	APPROACH	396'	7'	REMOVE	ULTIMATE
3	UNLIGHTED WINDCONE	2+00/210'L	350'	358'	PRIMARY	356'	2'	TO REMAIN	N/A
4	RAILROAD + 23'	−10+72/421'L	352'	375'	NONE	415'	−40'	TO REMAIN	N/A
5	ROAD + 15'	−20+43/568'L	348'	363'	NONE	472'	−109'	TO REMAIN	N/A

(HP) = HIGH POINT OF OBSTRUCTION AREA.

NOTES:

1. REFER TO THE AIRPORT AIRSPACE DRAWING FOR PENETRATIONS OF THE OUTER APPROACH SURFACES.
2. MAPPING SHOWN ON THIS SHEET IS THE COMBINED TOPOGRAPHIC SURVEY AND CONTROLLED AERIAL MAPPING.
3. THRESHOLD SITING IS DEFINED PER ENGINEERING BRIEF #99, TABLE 3−2, RUNWAY TYPE 4.
4. OBSTRUCTIONS LISTED IN THE PART 77 SURFACE OBSTRUCTION TABLE ALSO PENETRATE THRESHOLD SITING SURFACE BY THE SAME MAGNITUDE.
5. THE CONTROLLING OBSTRUCTIONS FOR RUNWAY 1 ARE THE TREES IDENTIFIED AS OBSTRUCTIONS 1 AND 2.
6. THE MOVEABLE OBJECT HEIGHT IS 15' FOR ROADS AND 23' FOR RAILROADS.

PART 77 SURFACE OBSTRUCTION TABLE (INNER PORTION RW 19)

ID#	DESCRIPTION	STATION/ OFFSET	BASE EL	TOP EL	SURFACE PENETRATED	SURFACE EL	AMOUNT PENETRATED	DISPOSITION	STAGE TO CORRECT
6	UNLIGHTED WINDCONE	37+70/202'R	359'	367'	PRIMARY	365'	2'	TO REMAIN	N/A
7	ROAD + 15'	57+48/515'L	365'	380'	NONE	454'	−74'	TO REMAIN	N/A

NOTES:

1. REFER TO THE AIRPORT AIRSPACE DRAWING FOR PENETRATIONS OF THE OUTER APPROACH SURFACES.
2. MAPPING SHOWN ON THIS SHEET IS THE COMBINED TOPOGRAPHIC SURVEY AND CONTROLLED AERIAL MAPPING.
3. THRESHOLD SITING IS DEFINED PER ENGINEERING BRIEF #99, TABLE 3−2, RUNWAY TYPE 4.
4. OBSTRUCTIONS LISTED IN THE PART 77 SURFACE OBSTRUCTION TABLE ALSO PENETRATE THRESHOLD SITING SURFACE BY THE SAME MAGNITUDE.
5. THE MOVEABLE OBJECT HEIGHT IS 15' FOR ROADS AND 23' FOR RAILROADS.

SCALE IN FEET
200' 100' 0 200' 400'
HORIZONTAL TO VERTICAL RATIO 1:10

BY	DATE	REVISION

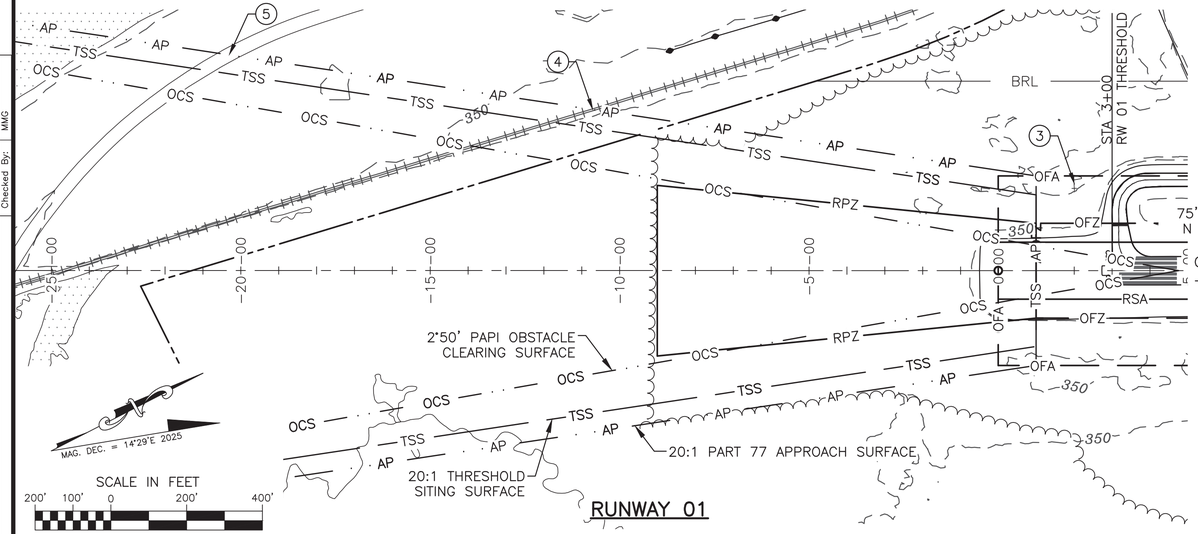
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN
EXISTING INNER PORTION OF THE APPROACH SURFACE − RUNWAY 1−19

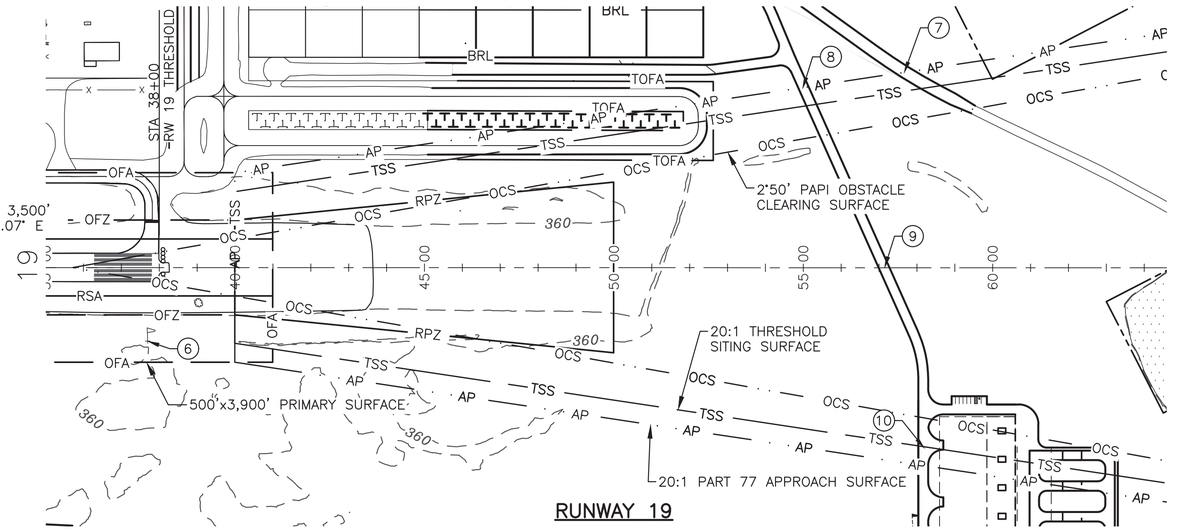
DATE: 5/20/2020
SHEET: 12 OF 20

Designed By: LEN
Drawn By: ADC
Checked By: MMG

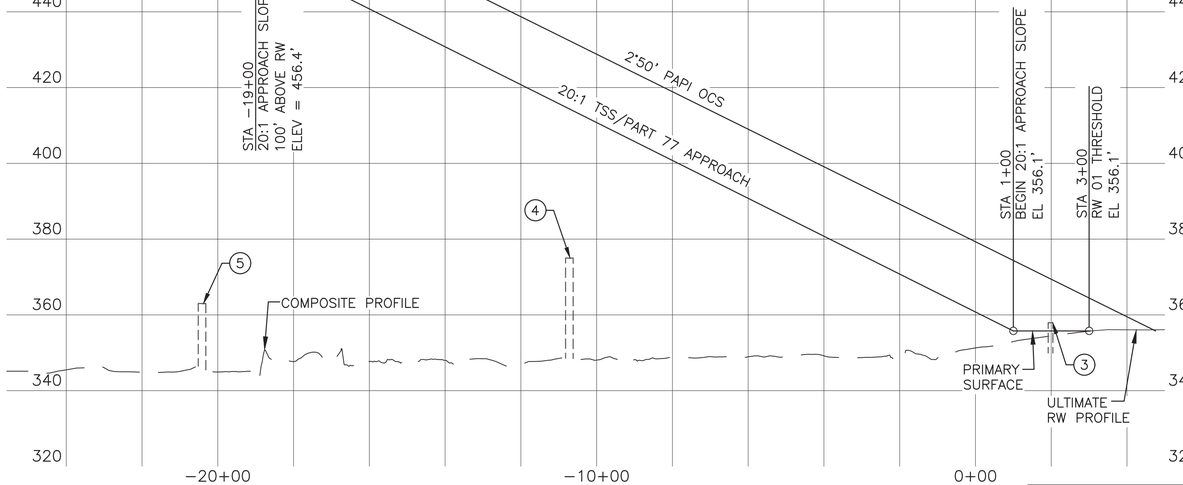
Date Plotted: 5/20/2020, 2:48 PM
Layout Name: 12 EXISTING INNER APRCH SURF RW 1-19
File Name: U:\2047002B2\Talkeetna\Dwgs\C\As-Built-ALP_2019\Sheets\ALP-TKA-12-14_E-APRCH-SURF.dwg

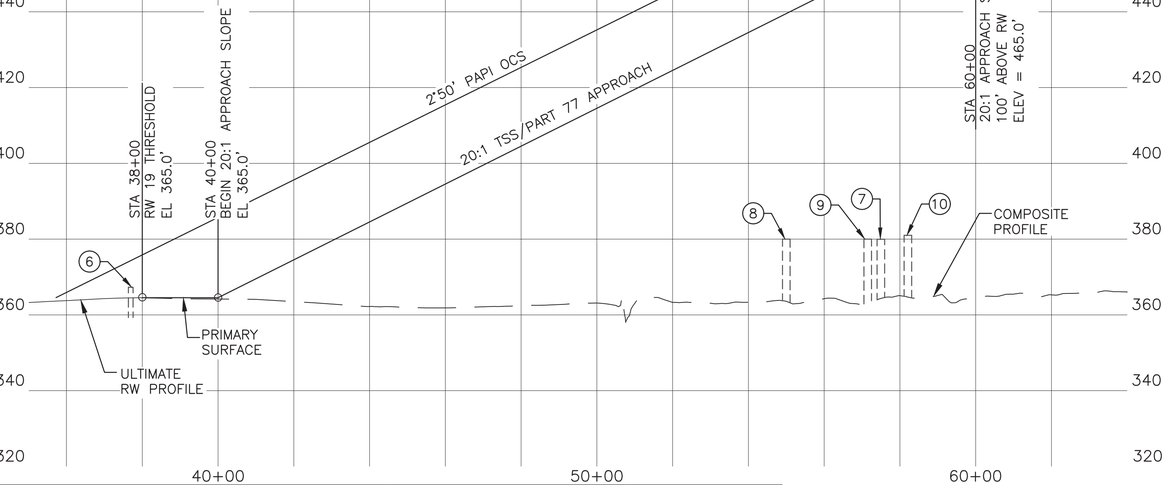


RUNWAY 01



RUNWAY 19





SCALE IN FEET
200' 100' 0 200' 400'
HORIZONTAL TO VERTICAL RATIO 1:10

PART 77 SURFACE OBSTRUCTION TABLE (INNER PORTION RW 01)

ID#	DESCRIPTION	STATION/ OFFSET	BASE EL	TOP EL	SURFACE PENETRATED	SURFACE EL	AMOUNT PENETRATED	DISPOSITION	STAGE TO CORRECT
3	UNLIGHTED WINDCONE	2+00/210'L	350'	358'	PRIMARY	356'	2'	TO REMAIN	ULTIMATE
4	RAILROAD + 23'	−10+72/421'L	352'	375'	NONE	415'	−40'	TO REMAIN	N/A
5	ROAD + 15'	−20+43/568'L	348'	363'	NONE	472'	−109'	TO REMAIN	N/A

(HP) = HIGH POINT OF OBSTRUCTION AREA.

NOTES:

1. REFER TO THE AIRPORT AIRSPACE DRAWING FOR PENETRATIONS OF THE OUTER APPROACH SURFACES.
2. MAPPING SHOWN ON THIS SHEET IS THE COMBINED TOPOGRAPHIC SURVEY AND CONTROLLED AERIAL MAPPING.
3. THRESHOLD SITING IS DEFINED PER ENGINEERING BRIEF #99, TABLE 3−2, RUNWAY TYPE 4.
4. OBSTRUCTIONS LISTED IN THE PART 77 SURFACE OBSTRUCTION TABLE ALSO PENETRATE THRESHOLD SITING SURFACE BY THE SAME MAGNITUDE.
5. THE MOVEABLE OBJECT HEIGHT IS 15' FOR ROADS AND 23' FOR RAILROADS.

PART 77 SURFACE OBSTRUCTION TABLE (INNER PORTION RW 19)

ID#	DESCRIPTION	STATION/ OFFSET	BASE EL	TOP EL	SURFACE PENETRATED	SURFACE EL	AMOUNT PENETRATED	DISPOSITION	STAGE TO CORRECT
6	UNLIGHTED WINDCONE	37+70/202'R	359'	367'	PRIMARY	365'	2'	TO REMAIN	N/A
7	ROAD + 15'	57+48/515'L	365'	380'	NONE	454'	−74'	TO REMAIN	N/A
8	ROAD + 15'	55+00/475'L	365'	380'	NONE	440'	−60'	TO REMAIN	N/A
9	ROAD + 15'	57+15/CL	365'	380'	NONE	450'	−70'	TO REMAIN	N/A
10	ROAD + 15'	58+21/520'R	366'	381'	NONE	455'	−74'	TO REMAIN	N/A

NOTES:

1. REFER TO THE AIRPORT AIRSPACE DRAWING FOR PENETRATIONS OF THE OUTER APPROACH SURFACES.
2. MAPPING SHOWN ON THIS SHEET IS THE COMBINED TOPOGRAPHIC SURVEY AND CONTROLLED AERIAL MAPPING.
3. THRESHOLD SITING IS DEFINED PER ENGINEERING BRIEF #99, TABLE 3−2, RUNWAY TYPE 4.
4. 4. OBSTRUCTIONS LISTED IN THE PART 77 SURFACE OBSTRUCTION TABLE ALSO PENETRATE THRESHOLD SITING SURFACE BY THE SAME MAGNITUDE.
5. THE MOVEABLE OBJECT HEIGHT IS 15' FOR ROADS AND 23' FOR RAILROADS.

BY	DATE	REVISION

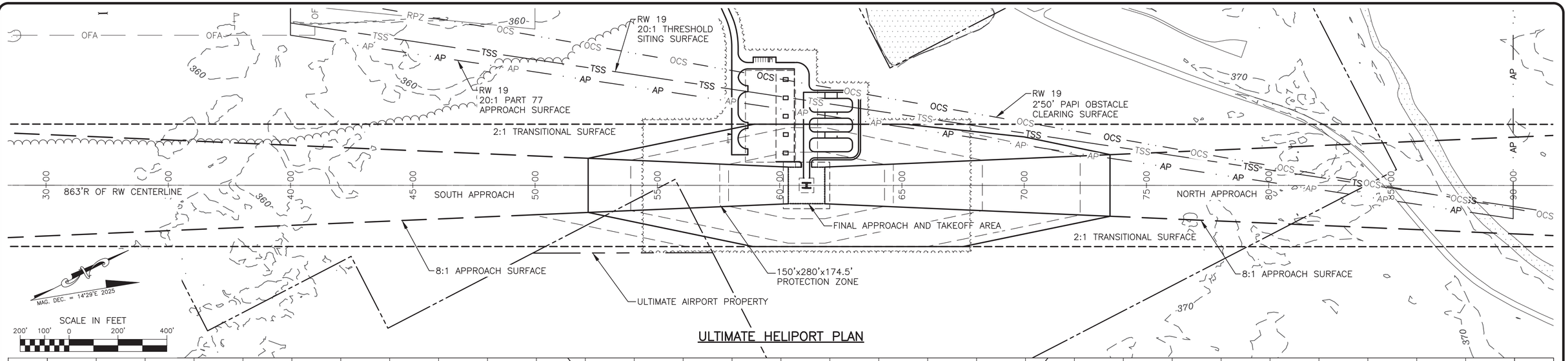
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN
ULTIMATE INNER PORTION OF THE APPROACH SURFACE − RUNWAY 1−19

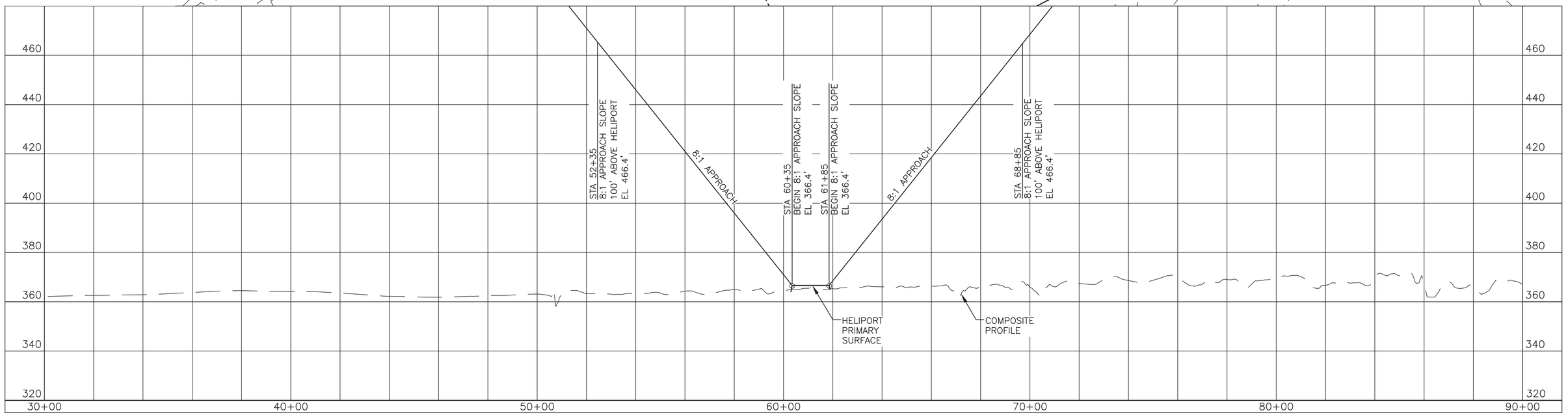
DATE: 5/20/2020
SHEET: 13 OF 20

Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/20/2020, 2:54 PM
Layout Name: 13 ULTIMATE INNER APRCH SURF RW 1-19
File Name: U:\204700282\Talkeetna\Dwgs\C\As-Built-ALP_2019\Sheets\ALP-TKA-12-14_E-APRCH-SURF.dwg



ULTIMATE HELIPORT PLAN



SOUTH APPROACH PROFILE

NORTH APPROACH PROFILE

PART 77 SURFACE OBSTRUCTION TABLE (INNER PORTION SOUTH)									
ID#	DESCRIPTION	STATION/ OFFSET	BASE EL	TOP EL	SURFACE PENETRATED	SURFACE EL	AMOUNT PENETRATED	DISPOSITION	STAGE TO CORRECT
	NONE								

PART 77 SURFACE OBSTRUCTION TABLE (INNER PORTION NORTH)									
ID#	DESCRIPTION	STATION/ OFFSET	BASE EL	TOP EL	SURFACE PENETRATED	SURFACE EL	AMOUNT PENETRATED	DISPOSITION	STAGE TO CORRECT
	NONE								

SCALE IN FEET
200' 100' 0 200' 400'
HORIZONTAL TO VERTICAL RATIO 1:10

NOTES:

1. THERE WILL BE NO PART 77 OBSTRUCTIONS IN THE SOUTH APPROACH, TREES WILL BE CLEARED PRIOR TO HELIPORT CONSTRUCTION.
2. THE CONTROLLING OBSTRUCTION FOR THE SOUTH APPROACH TO THE HELIPORT WILL BE DETERMINED AFTER TREE CLEARING.
3. HELIPORT APPROACH SURFACES ARE DEFINED PER AC 150/5390-2C, CHAPTER 2.

NOTES:

1. THERE WILL BE NO PART 77 OBSTRUCTIONS IN THE NORTH APPROACH, TREES WILL BE CLEARED PRIOR TO HELIPORT CONSTRUCTION.
2. THE CONTROLLING OBSTRUCTION FOR THE NORTH APPROACH TO THE HELIPORT WILL BE DETERMINED AFTER TREE CLEARING.
3. HELIPORT APPROACH SURFACES ARE DEFINED PER AC 150/5390-2C, CHAPTER 2.

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

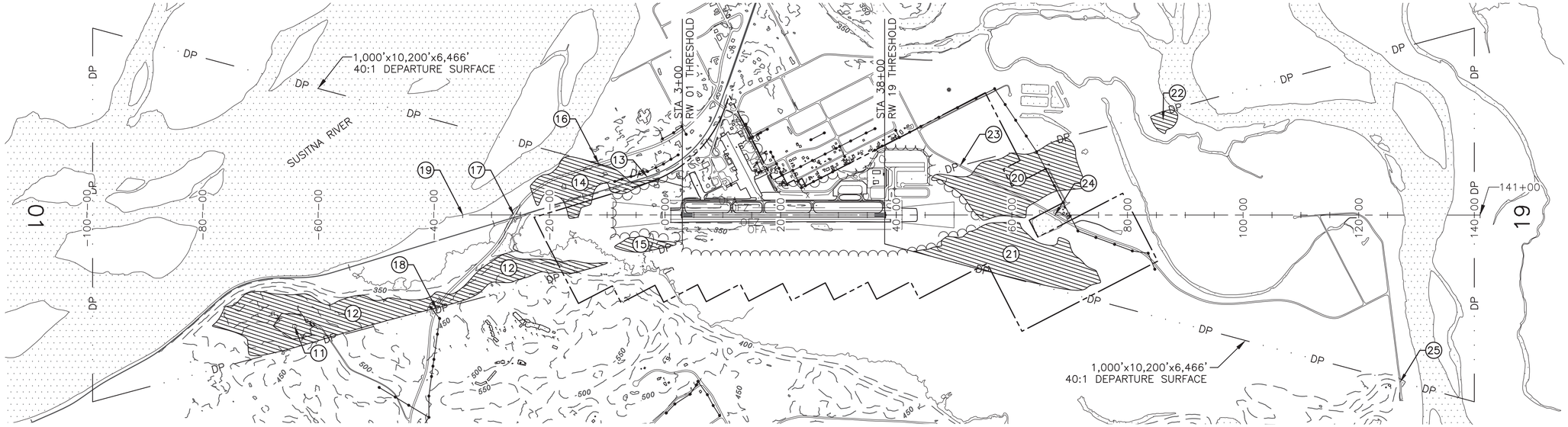
TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN

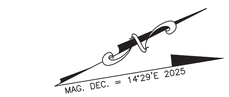
ULTIMATE INNER PORTION OF
THE APPROACH SURFACE – HELIPORT

DATE: 5/20/2020
SHEET: 14 OF 20

Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/20/2020, 2:59 PM
Layout Name: 14 ULTIMATE INNER APRCH SURF HELI
File Name: U:\2047002824\Talkeetna\Dwgs\CVAs-Built-ALP_2019\Sheets\ALP-TKA-12-14_E-APRCH-SURF.dwg





SCALE IN FEET
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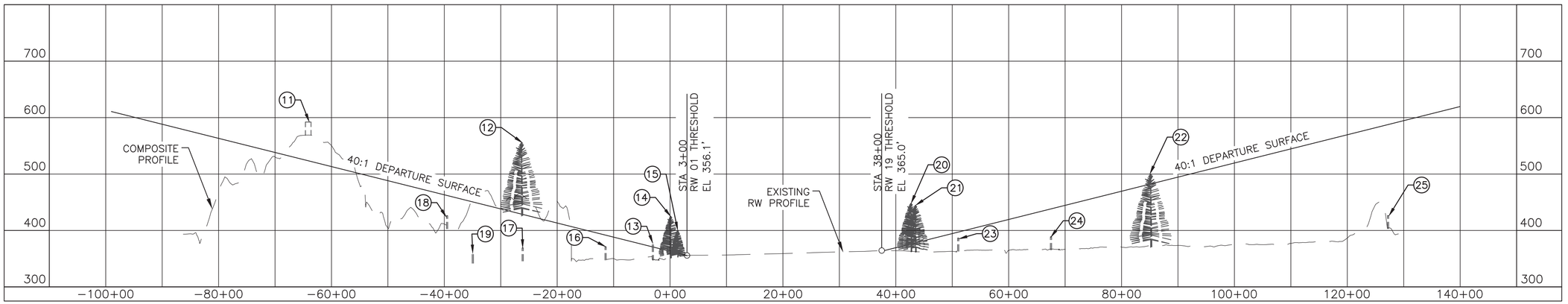
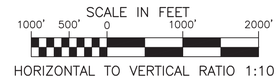




SURFACE OBSTRUCTIONS TABLE (RW 19)

ID#	DESCRIPTION	STATION/ OFFSET	BASE ELEV	TOP ELEV	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATED	DISPOSITION	STAGE TO CORRECT
⑪	BUIDLINGS (HP)	−64+07/1,927'R	569'	592'	DEPARTURE	524'	68'	TO REMAIN	N/A
⑫	TERRAIN/TREES (HP)	−26+50/1,145'R	454'	549'	DEPARTURE	429'	120'	REMOVE	ULTIMATE
⑬	RAILROAD + 23'	−3+05/659'L	354'	377'	DEPARTURE	371'	6'	TO REMAIN	N/A
⑭	TREES (HP)	0+33/538'L	350'	413'	DEPARTURE	350'	63'	REMOVE	ULTIMATE
⑮	TREES (HP)	1+27/477'R	351'	401'	DEPARTURE	360'	41'	REMOVE	ULTIMATE
⑯	ROAD + 15'	−11+47/880'L	351'	366'	NONE	392'	−26'	TO REMAIN	N/A
⑰	ROAD + 15'	−26+13/CL	352'	367'	NONE	429'	−62'	TO REMAIN	N/A
⑱	ROAD + 15'	−39+49/1,639'L	408'	423'	NONE	462'	−39'	TO REMAIN	N/A
⑲	RIVER + 10'	−35+00/CL	331'	341'	NONE	451'	−110'	TO REMAIN	N/A

(HP) = HIGH POINT OF OBSTRUCTION AREA.

SURFACE OBSTRUCTIONS TABLE (RW 01)

ID#	DESCRIPTION	STATION/ OFFSET	BASE ELEV	TOP ELEV	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATED	DISPOSITION	STAGE TO CORRECT
⑳	TREES (HP)	42+76/539'L	357'	448'	DEPARTURE	376'	72'	REMOVE	ULTIMATE
㉑	TREES (HP)	43+25/633'R	361'	445'	DEPARTURE	378'	67'	REMOVE	ULTIMATE
㉒	TREES (HP)	85+11/1,516'L	368'	501'	DEPARTURE	483'	18'	REMOVE	ULTIMATE
㉓	ROAD + 15'	51+16/847'L	364'	379'	NONE	397'	−18'	TO REMAIN	N/A
㉔	ROAD + 15'	65+45/CL	367'	382'	NONE	445'	−63'	TO REMAIN	N/A
㉕	ROAD + 15'	127+21/2,890'R	405'	415'	NONE	588'	−168'	TO REMAIN	N/A

(HP) = HIGH POINT OF OBSTRUCTION AREA.

LEGEND

DEPARTURE SURFACE PENETRATIONS

NOTES:

1. MAPPING SHOWN ON THIS SHEET IS THE COMBINED TOPOGRAPHIC SURVEY AND CONTROLLED AERIAL MAPPING.
2. DEPARTURE SURFACES ARE DEFINED PER AC 150/5300−13A TABLE 3−2, LINE 7 (FIGURE 3−4).
3. DEPARTURE SURFACES ARE LABELED BASED ON RW DIRECTION OF DEPARTURE.
4. THE MOVEABLE OBJECT HEIGHT IS 15' FOR ROADS, 23' FOR RAILROADS, AND 10' FOR RIVERS.

BY	DATE	REVISION

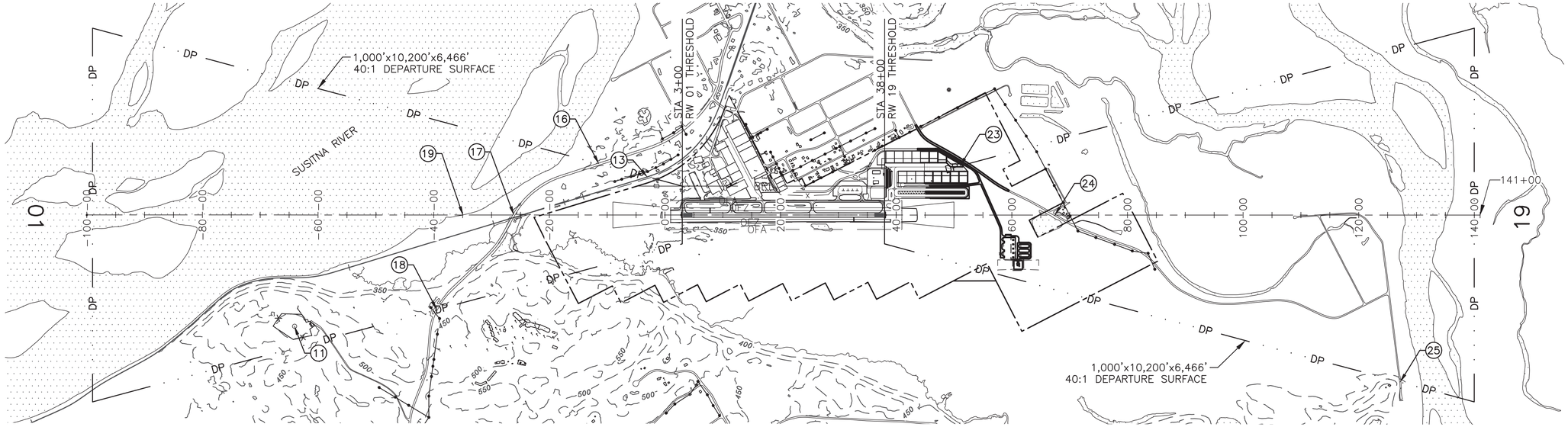
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

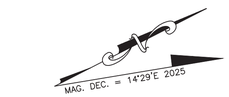
TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN
EXISTING DEPARTURE SURFACES − RUNWAY 1−19

DATE: 5/19/2020
SHEET: 15 OF 20

Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/19/2020, 1:30 PM
Layout Name: 15 DEPARTURE SURF RW 1-19
File Name: U:\20470028X\Talkeetna\Dwgs\CVAs-Built-ALP_2019\Sheets\ALP-TKA-15_E-DEP-SURF.dwg





SCALE IN FEET
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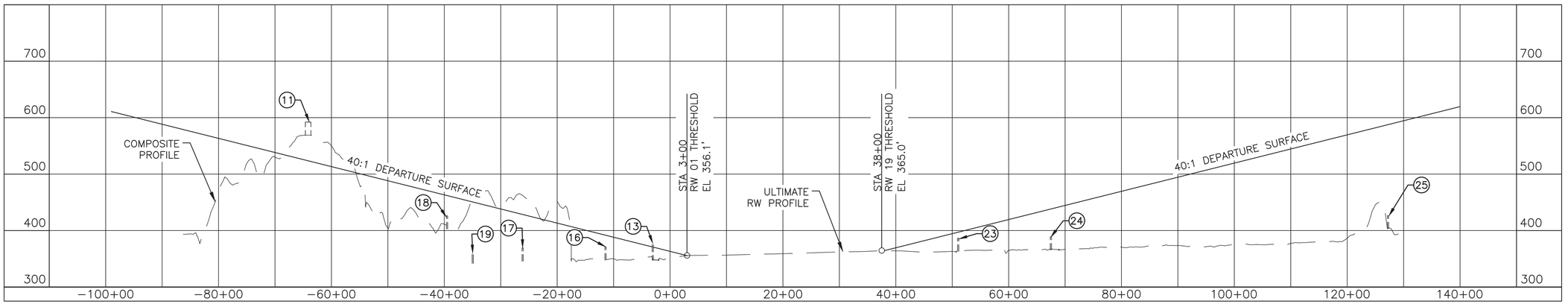
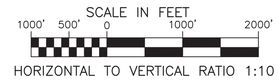




SURFACE OBSTRUCTIONS TABLE (RW 19)

ID#	DESCRIPTION	STATION/ OFFSET	BASE ELEV	TOP ELEV	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATED	DISPOSITION	STAGE TO CORRECT
(11)	BUIDLINGS (HP)	−64+07/1,927'R	569'	592'	DEPARTURE	524'	68'	TO REMAIN	N/A
(13)	RAILROAD + 23'	−3+05/659'L	354'	377'	DEPARTURE	371'	6'	TO REMAIN	N/A
(16)	ROAD + 15'	−11+47/880'L	351'	366'	NONE	392'	−26'	TO REMAIN	N/A
(17)	ROAD + 15'	−26+13/CL	352'	367'	NONE	429'	−62'	TO REMAIN	N/A
(18)	ROAD + 15'	−39+49/1,639'L	408'	423'	NONE	462'	−39'	TO REMAIN	N/A
(19)	RIVER + 10'	−35+00/CL	331'	341'	NONE	451'	−110'	TO REMAIN	N/A

(HP) = HIGH POINT OF OBSTRUCTION AREA.

SURFACE OBSTRUCTIONS TABLE (RW 01)

ID#	DESCRIPTION	STATION/ OFFSET	BASE ELEV	TOP ELEV	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATED	DISPOSITION	STAGE TO CORRECT
(23)	ROAD + 15'	51+16/847'L	364'	379'	NONE	397'	−18'	TO REMAIN	N/A
(24)	ROAD + 15'	65+45/CL	367'	382'	NONE	445'	−63'	TO REMAIN	N/A
(25)	ROAD + 15'	127+21/2,890'R	405'	415'	NONE	588'	−168'	TO REMAIN	N/A

(HP) = HIGH POINT OF OBSTRUCTION AREA.

LEGEND

DEPARTURE SURFACE PENETRATIONS

NOTES:

1. MAPPING SHOWN ON THIS SHEET IS THE COMBINED TOPOGRAPHIC SURVEY AND CONTROLLED AERIAL MAPPING.
2. DEPARTURE SURFACES ARE DEFINED PER AC 150/5300−13A TABLE 3−2, LINE 7 (FIGURE 3−4).
3. DEPARTURE SURFACES ARE LABELED BASED ON RW DIRECTION OF DEPARTURE.
4. THE MOVEABLE OBJECT HEIGHT IS 15' FOR ROADS, 23' FOR RAILROADS, AND 10' FOR RIVERS.

BY	DATE	REVISION

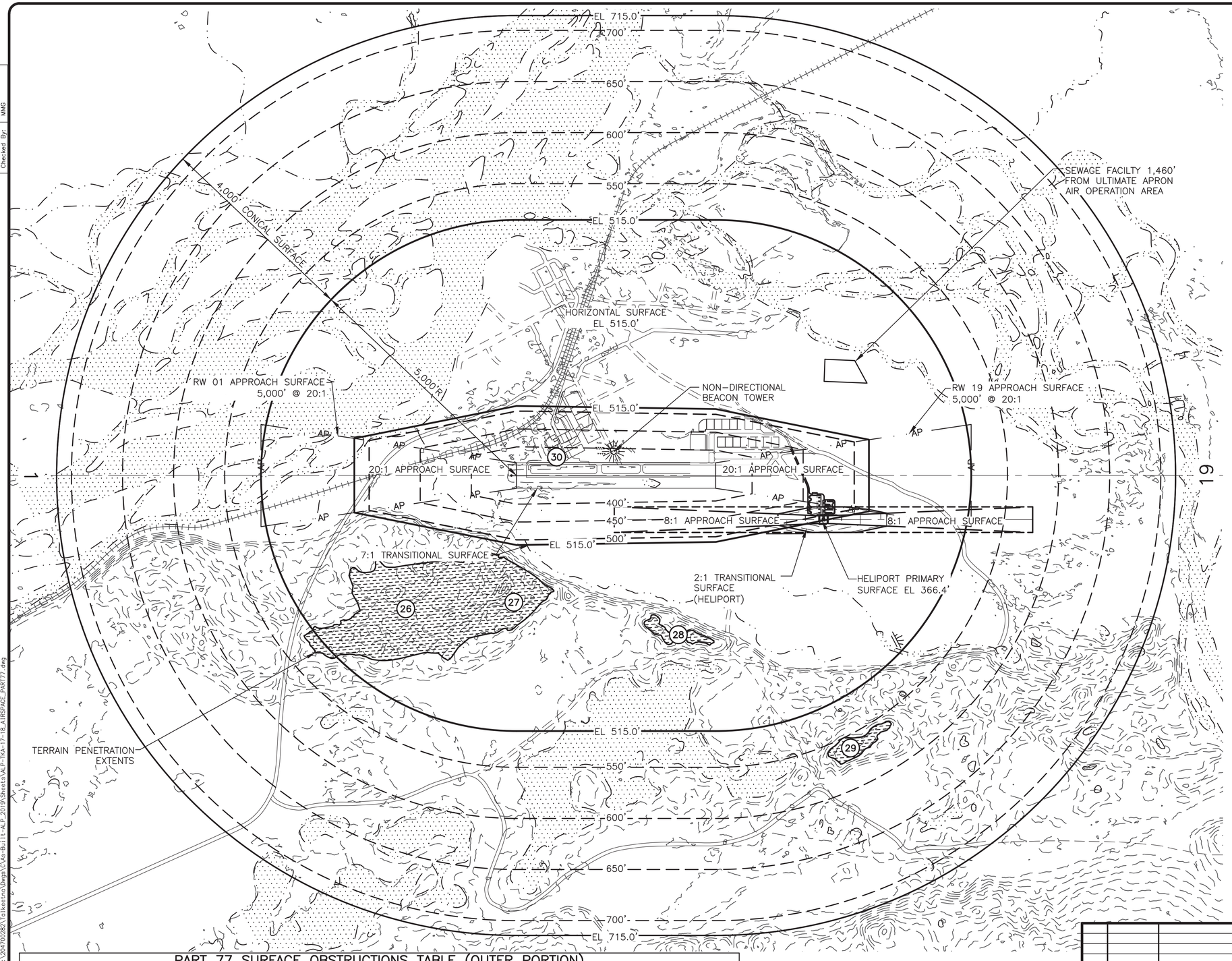
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN
ULTIMATE DEPARTURE SURFACES − RUNWAY 1−19

DATE: 5/19/2020
SHEET: 16 OF 20

Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/19/2020, 3:42 PM
Layout Name: 16 DEPARTURE SURF RW 1-19
File Name: U:\20470028\Talkeetna\Dwgs\C\As-Built-ALP_2019\Sheets\ALP-TKA-16_U-DEP-SURF.dwg



LEGEND

F.A.R. PART 77 SURFACE PENETRATIONS

NOTES:

1. AIRPORT ELEVATION IS 365.0' (NAVD 88). HELIPORT PRIMARY SURFACE ELEVATION IS 366.4' (NAVD 88).
2. RUNWAY APPROACH SURFACES ARE 20:1 BEGINNING 200' BEYOND THE THRESHOLD.
3. PROFILES ARE SHOWN ON SHEET 14. REFER TO THE INNER PORTION OF THE APPROACH SURFACE DRAWINGS, SHEETS 9–11 FOR CLOSE–IN OBSTRUCTIONS.
4. PRIMARY SURFACE WIDTH IS 500'.
5. LOCAL HEIGHT ZONING RESTRICTIONS REQUIRE NO STRUCTURE TALLER THAN 85' WITHOUT A PERMIT.
6. HELIPORT APPROACH SURFACES ARE 8:1, HELIPORT TRANSITIONAL SURFACES ARE 2:1.
7. GROUND SURVEY WAS PERFORMED BY STANTEC DURING AUGUST 1–7, 2018. NO AERIAL MAPPING WAS PERFORMED THIS SURVEY. AERIAL MAPPING WAS PERFORMED BY KODIAK MAPPING USING IMAGERY COLLECTED AUGUST 23, 2014. SURVEYED DATA WAS REVIEWED TO ENSURE THAT ALL INFORMATION MEETS THE ACCURACY REQUIREMENTS ESTABLISHED IN AC 150/4300–18B.

MAG. DEC. = 14°29'E 2025

SCALE IN FEET
1000 500 0 1000 2000

PART 77 SURFACE OBSTRUCTIONS TABLE (OUTER PORTION)

ID#	DESCRIPTION	STATION/ OFFSET	BASE ELEV	TOP ELEV	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATED	DISPOSITION	STAGE TO CORRECT
26	TOWER (HP)*	–19+00/2,600'R	631'	631'	HORIZONTAL / CONICAL	515'	116'	TO REMAIN	N/A
27	BUILDINGS (HP)*	0+48/2,500'R	553'	575'	HORIZONTAL	515'	50'	TO REMAIN	N/A
28	TERRAIN (HP)	32+68/3,100'R	556'	556'	HORIZONTAL	515'	41'	TO REMAIN	N/A
29	TERRAIN (HP)	66+50/5,300'R	606'	606'	CONICAL	563'	43'	TO REMAIN	N/A
30	BEACON/WINDCONE	9+11/348'L	351'	391'	TRANSITIONAL	372'	19'	TO REMAIN	N/A

HP = HIGH POINT OF OBSTRUCTION. STATION AND OFFSET ARE IN REFERENCE TO RW 01/19 CENTERLINE ALIGNMENT.

NOTE:
* OBSTRUCTION IS LOCATED ON TERRAIN THAT ALSO PENETRATES THE PART 77 SURFACE.

BY	DATE	REVISION

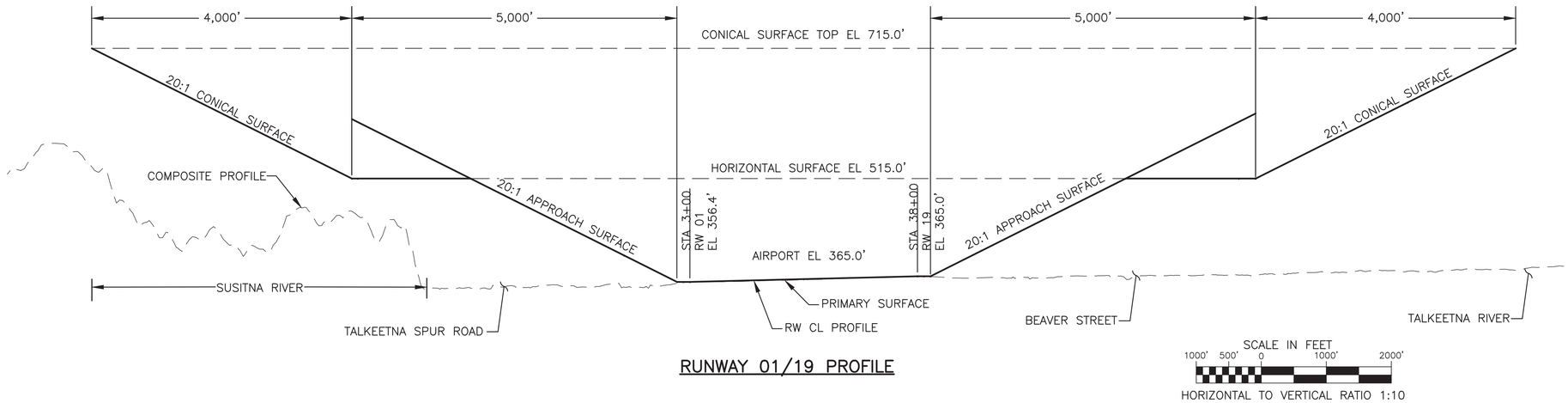
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN
AIRPORT AIRSPACE
(F.A.R. PART 77)

DATE: 5/19/2020
SHEET: 17 OF 20

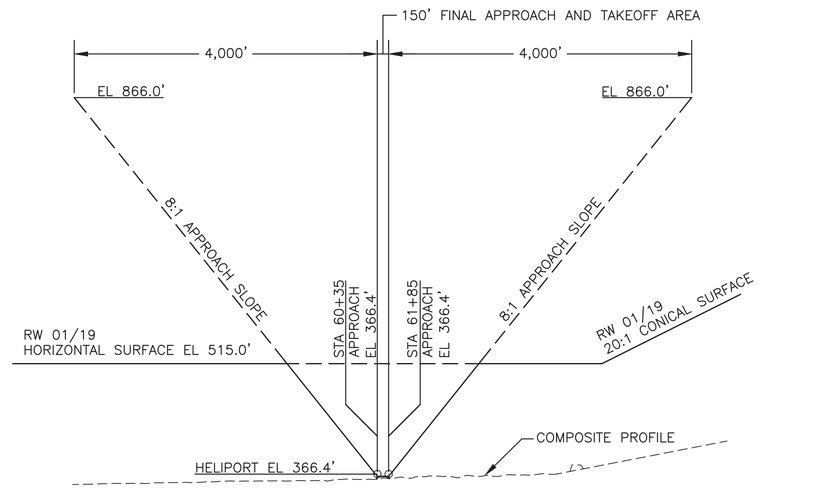
Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/19/2020, 2:13 PM
Layout Name: 17 PART 77
File Name: U:\204700282\Talkeetna\Dwgs\C\As-Built-ALP_2019\Sheets\ALP-TKA-17-18_AIRSPACE_PART77.dwg



RUNWAY 01/19 PROFILE

SCALE IN FEET
1000' 500' 0 1000' 2000'
HORIZONTAL TO VERTICAL RATIO 1:10



HELIPORT PROFILE

SCALE IN FEET
1000' 500' 0 1000' 2000'
HORIZONTAL TO VERTICAL RATIO 1:10

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN
AIRPORT AIRSPACE PROFILES
(F.A.R. PART 77)
RUNWAY 1–19 AND HELIPORT

DATE: 5/19/2020
SHEET: 18 OF 20

Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/19/2020 - 1:52 PM
Layout Name: 18 PART 77 RW1-19 AND HELIPORT
File Name: U:\2047002821talkeetna\Dwgs\C\As-Built-ALP_2019\Sheets\ALP-TKA-17-18_AIRSPACE_PART77.dwg

LEGEND:

- PRIVATE RESIDENTIAL / COMMERCIAL
- GENERAL AVIATION
- GOVERNMENT/INDUSTRIAL
- COMMERCIAL AVIATION
- NATIVE CORPORATION

SUSITNA RIVER

TALKEETNA RIVER

NATIVE CORPORATION LAND

VILLAGE PARK

TO TALKEETNA

SECOND AVE.

'T' STREET

'X' STREET

DENALI ST.

SEWAGE LAGOON

PETERS CREEK NDB

TRACT I

TRACT I
TRACT III

BEAVER STREET

TALKEETNA ELEMENTARY SCHOOL

TO PARKS HIGHWAY

TALKEETNA SPUR ROAD

ALASKA RAILROAD

TALKEETNA VOR/DME

OFA
OFZ
RSA
RW 01-19

TRACT I
TRACT II

EXISTING AIRPORT PROPERTY

ULTIMATE AIRPORT PROPERTY

TWISTER CREEK

MAG. DEC. = 14°29'E 2025

SCALE IN FEET
400 200 0 400 800

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN

LAND USE

DATE: 5/19/2020

SHEET: 19 OF 20

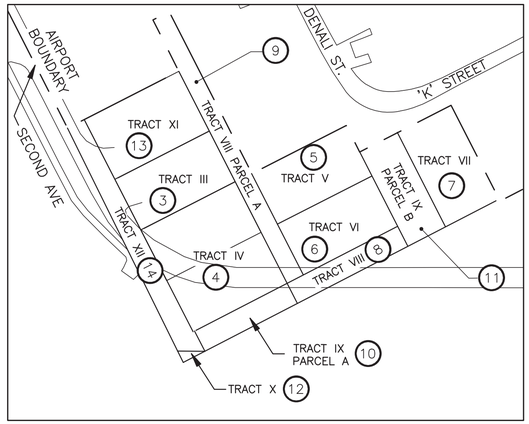
Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/19/2020, 3:16 PM
Layout Name: 19 LAND USE
File Name: U:\20470282\Talkeetna\Dwgs\C\As-Built-ALP_2019\Sheets\ALP-TKA-19_LAND USE.dwg

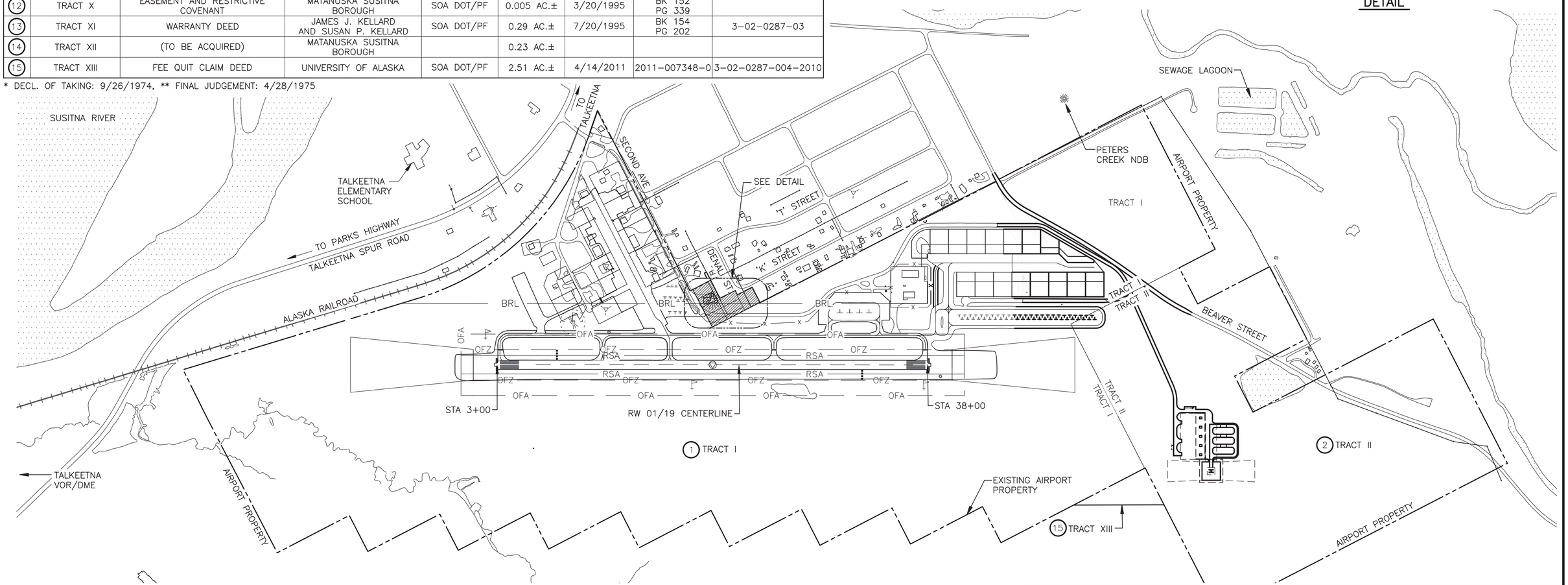
PROPERTY STATUS

ID #	PARCEL	INTEREST	GRANTOR	GRANTEE	PARCEL SIZE	DATE ACQUIRED	RECORDED DOC NO.	ACQUIRED A.I.P. NO.
1	TRACT I	FEE SIMPLE TITLE UNDER SEC. 45 OMNIBUS ACT	UNITED STATES OF AMERICA	SOA	397.14 AC.±	10/1/1965	BK 33 PG 198	N/A
2	TRACT II	FEE SIMPLE TITLE	EUGENE H. JOHNSON AND DIANE K. JOHNSON	SOA DOT/PF	120.08 AC.±	4/28/1975*	BK 56 PG 644* & PG 652**	N/A
3	TRACT III	WARRANTY DEED	JAMES J. KELLARD AND SUSAN P. KELLARD	SOA DOT/PF	0.24 AC.±	7/20/1995	BK 154 PG 204	3-02-0287-03
4	TRACT IV	WARRANTY DEED	JAMES J. KELLARD AND SUSAN P. KELLARD	SOA DOT/PF	0.480 AC.±	7/20/1995	BK 154 PG 204	3-02-0287-03
5	TRACT V	WARRANTY DEED	MAURICE P. OSWALD	SOA DOT/PF	0.24 AC.±	10/2/1995	BK 155 PG 438	3-02-0287-03
6	TRACT VI	WARRANTY DEED	LEWIS E. DICKINSON	SOA DOT/PF	0.24 AC.±	10/2/1995	BK 155 PG 434	3-02-0287-03
7	TRACT VII	WARRANTY DEED	OTTO BAYER	SOA DOT/PF	0.24 AC.±	8/3/1995	BK 154 PG 467	3-02-0287-03
8	TRACT VIII	CORPORATION WARRANTY DEED	TRANSAC INC.	SOA DOT/PF	0.11 AC.±	9/16/1996	BK 164 PG 350	3-02-0176-02
9	TRACT VIII PARCEL A	CORPORATION WARRANTY DEED	TRANSAC INC.	SOA DOT/PF	0.18 AC.±	9/16/1996	BK 164 PG 350	3-02-0176-02
10	TRACT IX PARCEL A	(TO BE ACQUIRED)	MATANUSKA SUSITNA BOROUGH		0.094 AC.±			
11	TRACT IX PARCEL B	(TO BE ACQUIRED)	MATANUSKA SUSITNA BOROUGH		0.19 AC.±			
12	TRACT X	EASEMENT AND RESTRICTIVE COVENANT	MATANUSKA SUSITNA BOROUGH	SOA DOT/PF	0.005 AC.±	3/20/1995	BK 152 PG 339	
13	TRACT XI	WARRANTY DEED	JAMES J. KELLARD AND SUSAN P. KELLARD	SOA DOT/PF	0.29 AC.±	7/20/1995	BK 154 PG 202	3-02-0287-03
14	TRACT XII	(TO BE ACQUIRED)	MATANUSKA SUSITNA BOROUGH		0.23 AC.±			
15	TRACT XIII	FEE QUIT CLAIM DEED	UNIVERSITY OF ALASKA	SOA DOT/PF	2.51 AC.±	4/14/2011	2011-007348-0	3-02-0287-004-2010

* DECL. OF TAKING: 9/26/1974, ** FINAL JUDGEMENT: 4/28/1975



DETAIL



MAG. DEC. = 14°29'E 2025

SCALE IN FEET
400' 200' 0 400' 800'

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

TALKEETNA AIRPORT
TALKEETNA, ALASKA
AIRPORT LAYOUT PLAN

PROPERTY MAP

DATE: 5/19/2020

SHEET: 20 OF 20

Designed By: LEN
Drawn By: ADC
Checked By: MMG

Date Plotted: 5/19/2020, 4:06 PM
Layout Name: 20 PROPERTY MAP
File Name: U:\20447028\Talkeetna\Dwgs\C\As-Built-ALP_2019\Sheets\ALP-TKA-20_PROPERTY_MAP.dwg