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

March 31, 2016

Jessica Wuttke
ADOT&PF Central Region
P.O. Box 196900
Anchorage, AK 99513-7587

Dear Ms. Wuttke:

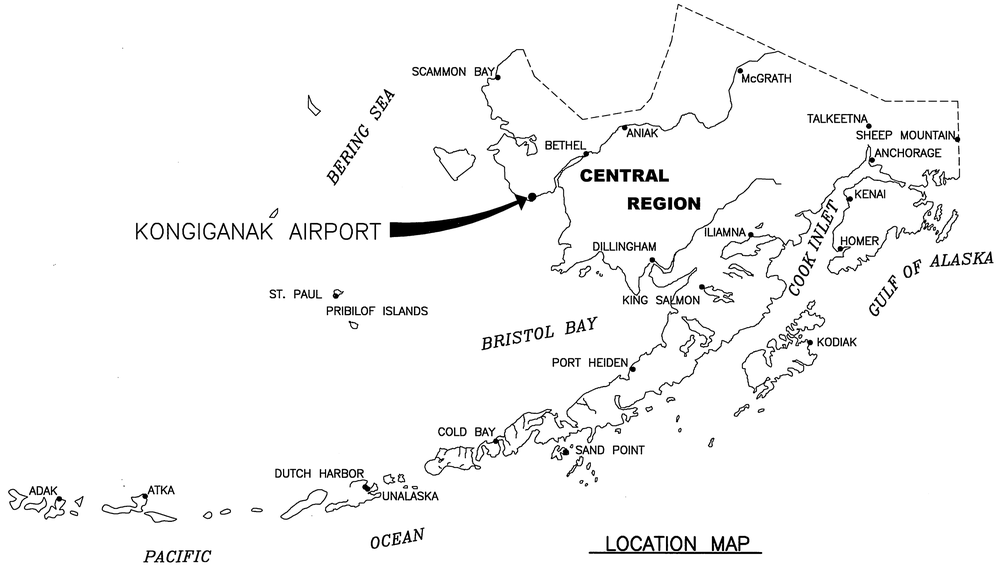
Kongiganak Airport
Kongiganak, Alaska
As-Built Airport Layout Plan (December 2015)
(Original ALP Airspace #2006-AAL-277-NRA)

We have completed our review of the Kongiganak Airport As-Built Airport Layout Plan (ALP) dated December, 2015, and find it acceptable for documenting the existing conditions of the airport.

Please attach this letter to the enclosed ALP and retain it in your files for future use

Sincerely,

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



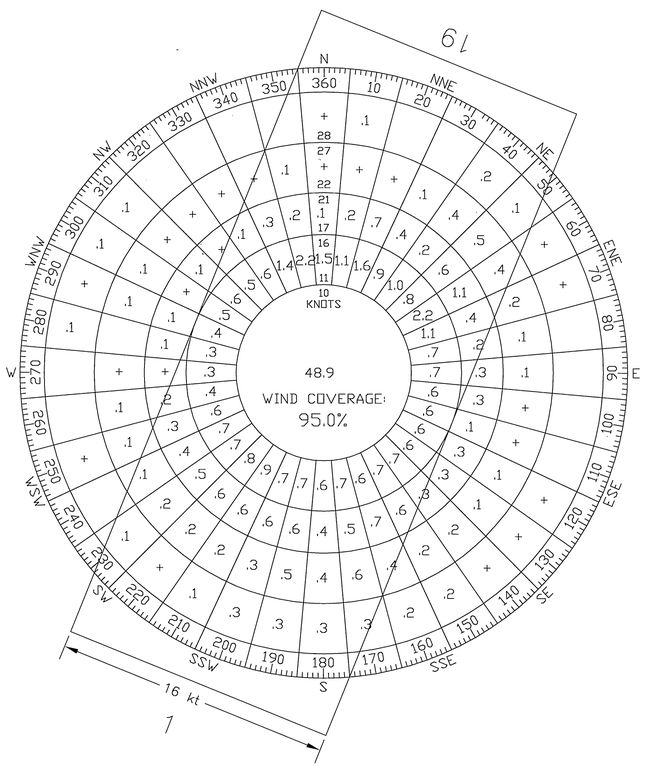
LOCATION MAP

LEGEND		
ITEM	EXISTING	ULTIMATE
AIRPORT REFERENCE POINT (A.R.P.)		
ANTENNA		
BOARDWALK		
BUILDINGS		
BUILDING RESTRICTION LINE	BRL	BRL
OVERHEAD POWER LINE	OHE	
PAPI		
PROPERTY LINE		
REIL		
ROTATING BEACON		
STREAM RELOCATION		
SURVEY MONUMENT		
THRESHOLD MARKERS/LIGHTS		
TOPOGRAPHIC CONTOURS	100	100
UTILITY POLE		
WIND CONE AND SEGMENTED CIRCLE		

AIRPORT DATA TABLE		
ITEM	EXISTING	ULTIMATE
ICAO IDENTIFIER	PADY	PADY
NATIONAL AIRPORT IDENTIFIER	DUY	DUY
FAA SITE NUMBER	50426.6.*A	50426.6*A
AIRPORT ELEVATION (NAVD88)	32.4'	32.4'
AIRPORT REFERENCE CODE	A I	B II
MEAN MAX. TEMPERATURE, HOTTEST MONTH	62 F JULY	62 F JULY
AIRPORT AND TERMINAL NAVIGATION AIDS	ROTATING BEACON	ROTATING BEACON
		GPS
TAXIWAY LIGHTING/MARKING	NONE	M. I. / NA
OBSTRUCTION SURVEY SOURCE & TYPE	NONE	ANP
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	11° 32' E 2015	13°22'E, 2010,
	0°17' (W)/YEAR	0°11' (W)/YEAR

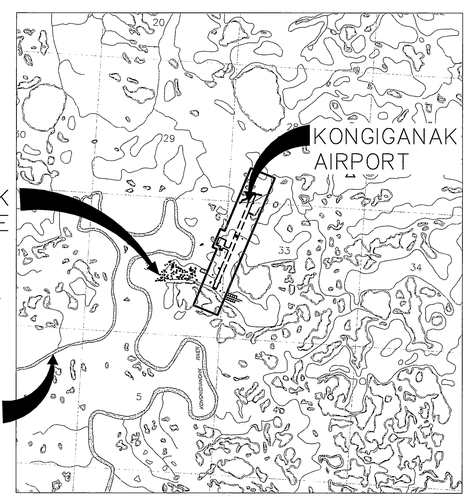
GEOGRAPHIC COORDINATES TABLE						
ITEM	EXISTING LATITUDE	EXISTING LONGITUDE	EXISTING LATITUDE	EXISTING LONGITUDE	ULTIMATE LATITUDE	ULTIMATE LONGITUDE
ARP	59°57'39.00"	162°52'53.00"	59°57'41.87"	162°52'50.14"	59°57'46.00"	162°52'46.00"
THRESHOLD RW 1	59°57'38.28"	162°52'59.40"	59°57'30.91"	162°52'58.96"	59°57'31.37"	162°52'58.60"
THRESHOLD RW 19	59°57'47.52"	162°52'45.66"	59°57'52.83"	162°52'41.31"	59°58'01.50"	162°52'34.33"

RUNWAY 1/19 DATA TABLE			
ITEM	EXISTING	EXISTING	ULTIMATE
RUNWAY TYPE ENTER UTILITY OR >UTILITY	UTILITY	UTILITY	UTILITY
FAR PART 77 APPROACH CATEGORY (V, NPI, P)	V / V	NPI / NPI	NPI / NPI
APPROACH SURFACES	20:1/ 20:1	20:1/20:1	20:1/ 20:1
VISIBILITY MINIMUM	1 SM / 1 SM	1 SM / 1 SM	1 SM / 1 SM
RUNWAY SURFACE	GRAVEL	GRAVEL	GRAVEL
PAVEMENT STRENGTH SW,DW,DTW,DDTW 1000lbs	N/A	N/A	N/A
AIRCRAFT APPROACH CATEGORY	A	A	B
AIRPLANE DESIGN GROUP	I	I	II
RUNWAY DIMENSIONS	35' X 1885'	75' X 2400'	100' X 3300'
TRUE BEARING	N21° 59' 11"E	N21° 59' 11"E	N21° 59' 11"E
EFFECTIVE GRADE	0.23%	0.22%	0.42 %
TOUCHDOWN ELEVATION (NAVD88)	32.0' / 32.0'	32.4' / 32.4'	32.4' / 32.4'
RUNWAY SAFETY AREA (RSA)	35' X 2140'	120' x 2890'	150' X 3900'
LENGTH BEYOND R/W END	60' / 95'	240' / 240'	300' / 300'
RUNWAY PROTECTION ZONE (RPZ)	250' X 450' X 1000'	500' X 700' X 1000'	500' X 700' X 1000'
RUNWAY OBJECT FREE AREA (OFA)	250' X 2365'	400' X 2890'	500' X 3900'
RUNWAY OBSTACLE FREE ZONE (OFZ)	250' X 2285'	250' X 2800'	250' X 3700'
RUNWAY LIGHTING	NONE	M.I.	M.I.
RUNWAY MARKING TYPE	NONE	NONE	NONE
RUNWAY VISUAL APPROACH AIDS	NONE	NONE	PAPI, REIL



WIND DATA TABLE				
RUNWAY	10.5 kt	13 kt	16 kt	20 kt
1/19	80%	88%	95%	–

SOURCE: ALASKA ENERGY AUTHORITY OCTOBER 29, 2005
PERIOD: 10/2004–10/2005



VICINITY MAP
1"=1 MILE
T 2 S, R 79 W, SEC. 28,32, & 33
SEWARD MERIDIAN ZONE 7 U.S.G.S.
KUSKOKWIM BAY (D-3), ALASKA

~~MODIFICATION TO STANDARDS~~ NON STANDARD CONDITIONS			
DESCRIPTION	STANDARD	EXISTING	ULTIMATE
RUNWAY WIDTH	75'	75'	100'
RUNWAY SAFETY AREA WIDTH	150'	120'	150'
RSA LENGTH BEYOND RUNWAY END 1/19	300'/300'	240'/240'	300'/300'
TAXIWAY WIDTH (TAXIWAY A)	35'	50'	50'
TAXIWAY SAFETY AREA WIDTH (TAXIWAY A)	79'	79'	79'
TAXIWAY WIDTH (TAXIWAY B)	35'	N/A	50'
TAXIWAY SAFETY AREA WIDTH (TAXIWAY B)	79'	N/A	79'
CROSSWIND COVERAGE	95%	79.7%	95%
SEWAGE LAGOON SEPARATION	5000'	1912'	5000'
BUILDINGS INSIDE BRL	500'	210'	525'

BY	DATE	REVISION
	12/2015	AS-BUILT PER AKSAS 59794

APPROVED: DATE: 3-2-07
ROBERT A. CAMPBELL, P.E. PRECONSTRUCTION ENGINEER
RECOMMENDED: DATE: 2/14/2007
HARVEY M. DOUTHIT, P.E. DESIGN SECTION CHIEF

AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO ALP APPROVAL LETTER DATED 3/27/07
FAA AIRSPACE REVIEW NUMBER: 06AAL-277NRA
DATE: 3/27/07
FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-621

DRAWING INDEX

SHT #	TITLE
1	DATA SHEET
2	EXISTING PLAN
~~3~~	~~NEAR TERM PLAN~~
3	ULTIMATE PLAN
4	INNER PORTION OF THE APPROACH SURFACES
5	AIRPORT AIRSPACE
6	PROPERTY MAP

AS-BUILT 12/2015

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

KONGIGANAK AIRPORT
KONGIGANAK, ALASKA
AIRPORT LAYOUT PLAN
DATA SHEET

DATE: 2/06/2007
SHEET: 1 OF 6

Designed By:
Drawn By:
Checked By:
Date Plotted: 2/06/2007, 1:20 PM
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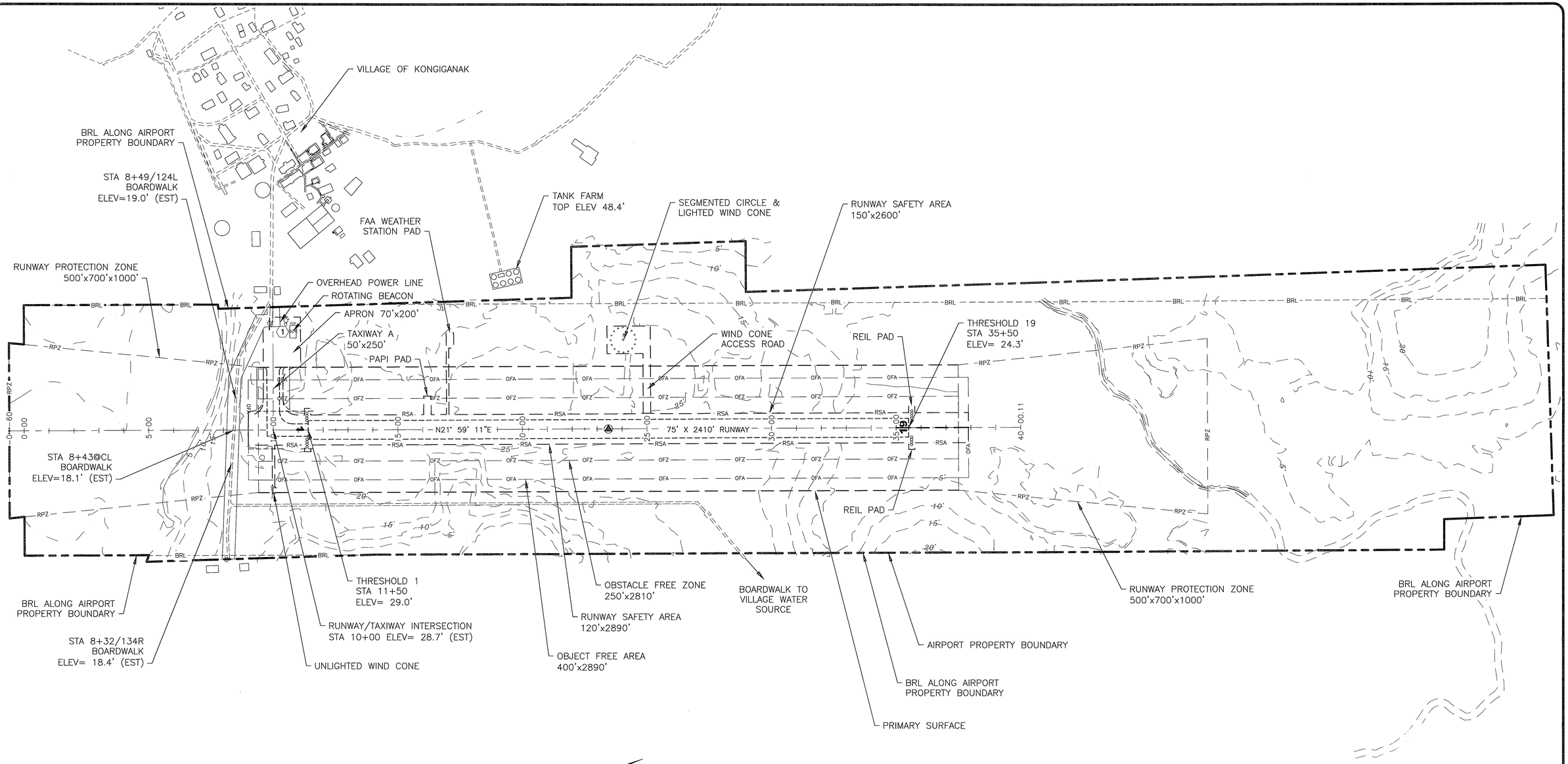

NOTES:

1. NO OFZ OBJECT PENETRATIONS

BUILDING DATA TABLE					
ID #	DESCRIPTION	STATION/ OFFSET	TOP ELEV (NAVD88)	OBSTRUCT MARKING	DISPOSITION
1	SRE BUILDING	10+80/367'	54'± (EST)	NONE	TO REMAIN

BY	DATE	REVISION
	12/2015	AS-BUILT PER AKSAS 59794

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

KONGIGANAK AIRPORT
KONGIGANAK, ALASKA
AIRPORT LAYOUT PLAN
EXISTING PLAN

DATE: 1/25/2016
SHEET: 2 OF 6

Designed By:
Drawn By:
Checked By:

Date Plotted: 1/25/2016, 8:51 AM
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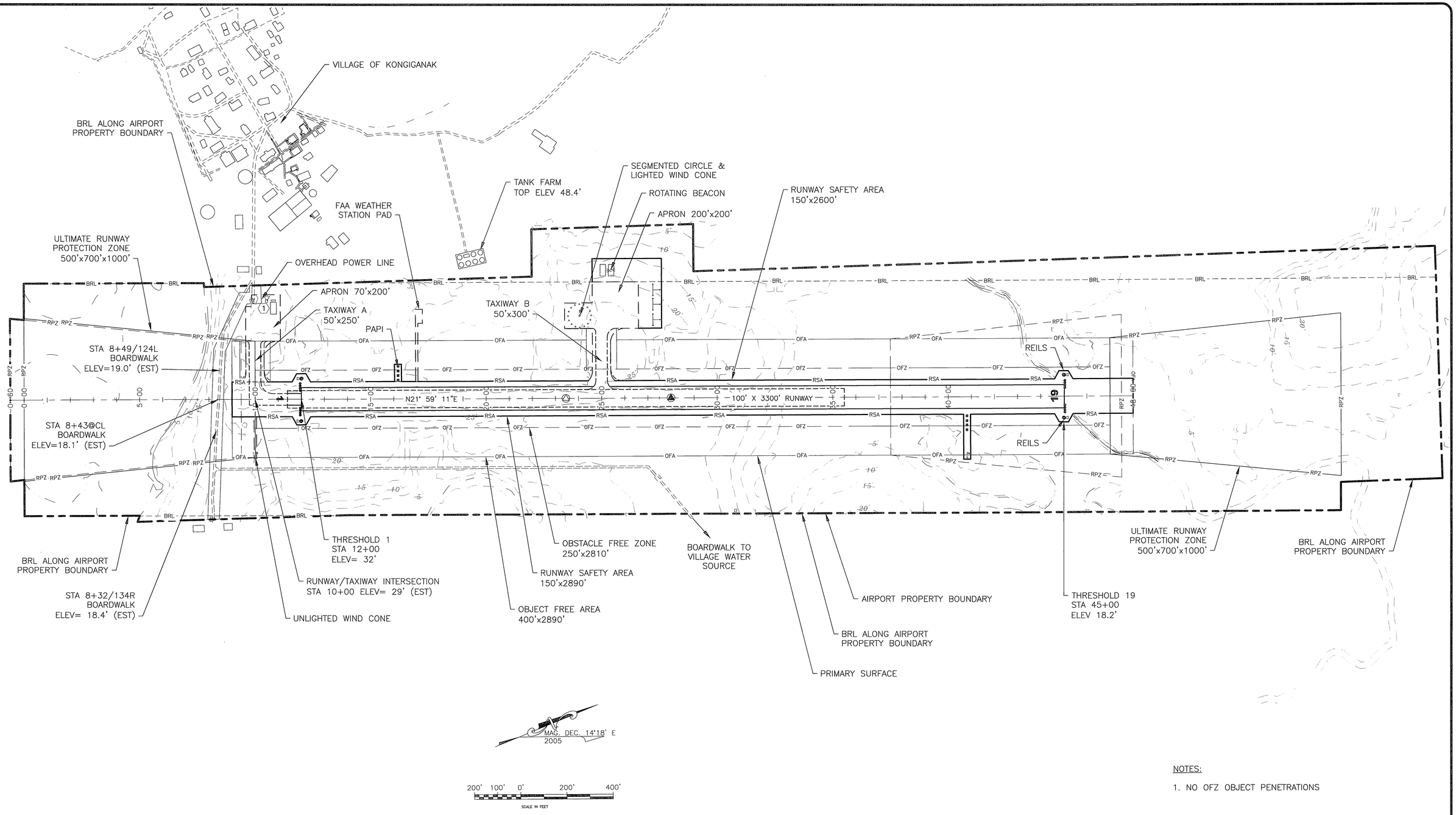

NOTES:

1. NO OFZ OBJECT PENETRATIONS

BUILDING DATA TABLE					
ID #	DESCRIPTION	STATION/ OFFSET	TOP ELEV (NAVD88)	OBSTRUCT MARKING	DISPOSITION
1	SRE BUILDING	10+80/367'	54'± (EST)	NONE	TO REMAIN

BY	DATE	REVISION
	12/2015	AS-BUILT PER AKSAS 59794

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

KONGIGANAK AIRPORT
KONGIGANAK, ALASKA
AIRPORT LAYOUT PLAN
ULTIMATE PLAN

DATE: 1/25/2016
SHEET: 3 OF 6

Designed By:
Drawn By:
Checked By:

Date Plotted: 1/25/2016, 10:32 AM
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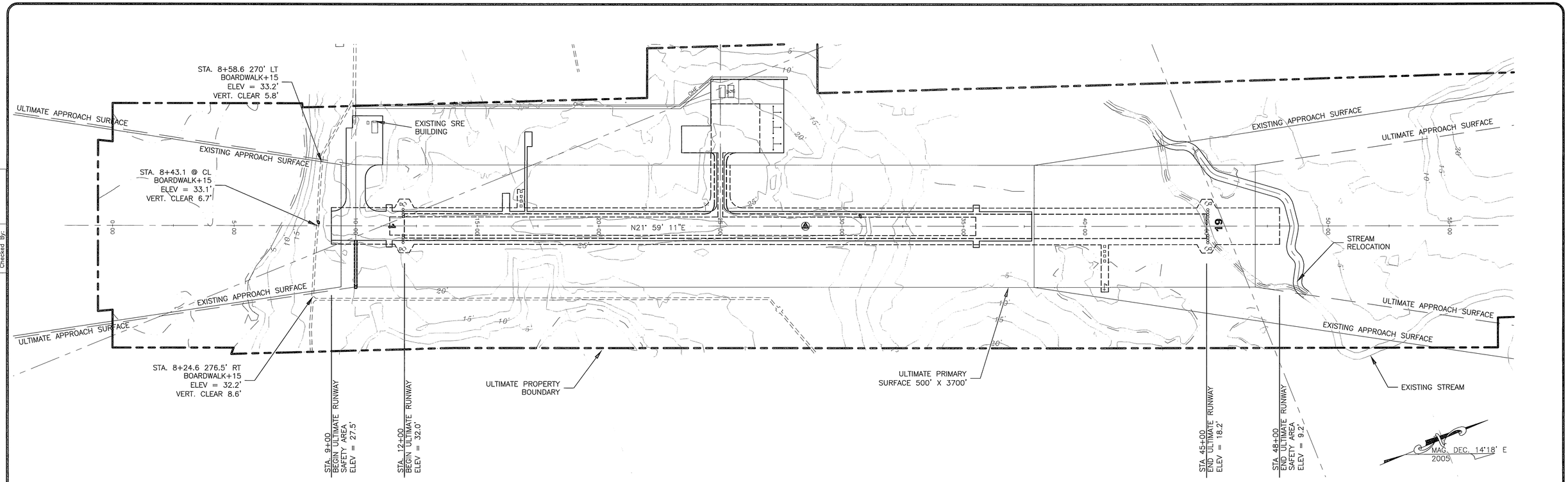
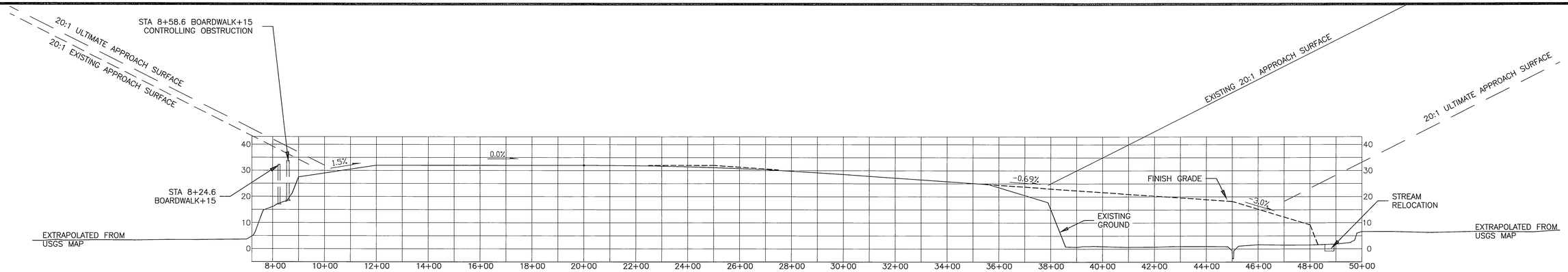


RUNWAY APPROACH PLAN



RUNWAY APPROACH PROFILE

20:1 APPROACH SURFACE OBSTRUCTION DATA TABLE RW 1

NUMBER	PENETRATION DISTANCE		DESCRIPTION	DISPOSITION
	DISTANCE	SURFACE PENETRATED		
	NONE	NONE	NONE	NONE

NOTE:

1. THE CONTROLLING OBSTRUCTION FOR RUNWAY 1 IS THE BOARDWALK CROSSING AT STA 8+58.6 270'LT ELEVATION 18.2'. ELEVATION INCLUDING 15' VEHICLE IS 33.2'. THE OBSTRUCTION CLEARANCE SLOPE IS ESTABLISHED AS GREATER THAN 50:1 PER FAA AC 150/5200-35, CHAP 4.
2. NO OFZ PENETRATIONS.
3. NO OBJECT PENETRATIONS IN THE RUNWAY END SITING SURFACES OF RUNWAY 1, AS DEFINED IN FAA AC150/5300-13, CHG 9, APPENDIX 2, TABLE A2-1 LINE 5.

20:1 APPROACH SURFACE OBSTRUCTION DATA TABLE RW 19

NUMBER	PENETRATION DISTANCE		DESCRIPTION	DISPOSITION
	DISTANCE	SURFACE PENETRATED		
	NONE	NONE	NONE	NONE

NOTE:

1. THERE ARE NO OBSTRUCTIONS TO RUNWAY END 19, THEREFORE THE OBSTRUCTION CLEARANCE SLOPE IS 50:1 PER FAA AC 150/5200-35, CHAP 4.
2. NO OFZ PENETRATIONS.
3. NO OBJECT PENETRATIONS IN THE RUNWAY END SITING SURFACES OF RUNWAY 19, AS DEFINED IN FAA AC150/5300-13, CHG 9, APPENDIX 2, TABLE A2-1 LINE 5.

200' 100' 0' 200' 400'

BY	DATE	REVISION
	12/2015	AS-BUILT PER AKSAS 59794

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

KONGIGANAK AIRPORT
KONGIGANAK, ALASKA
AIRPORT LAYOUT PLAN
INNER PORTION OF THE APPROACH SURFACES

DATE: 1/25/2016
SHEET: 4 OF 6

Date Plotted: 1/25/2016 10:34 AM
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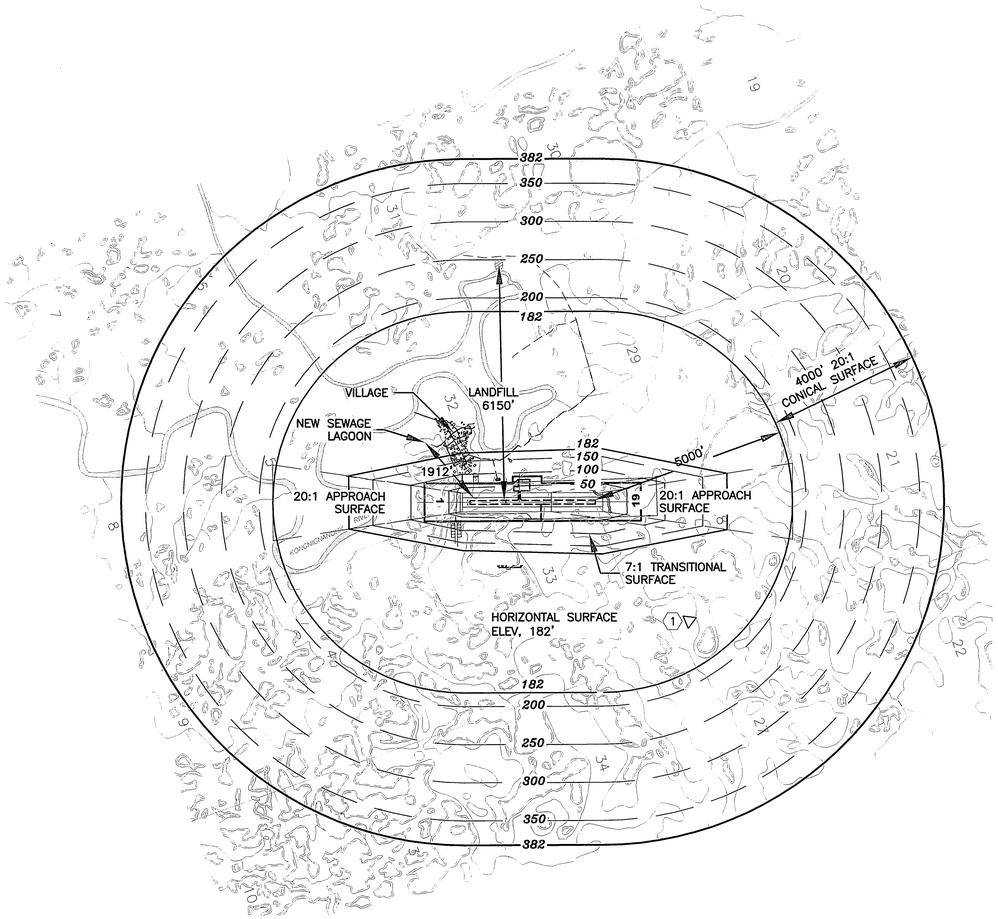
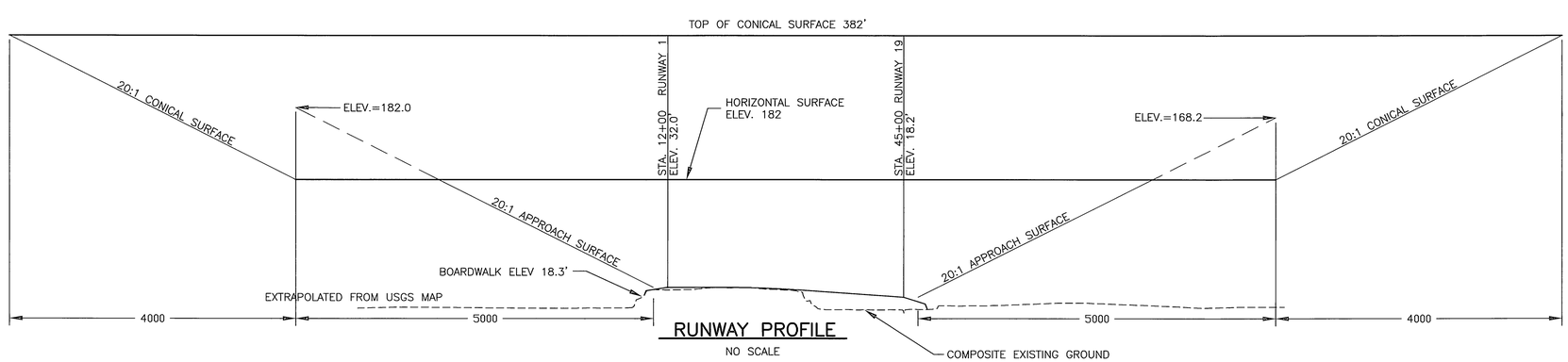


PART 77 SURFACE OBSTRUCTIONS TABLE (OUTER PORTION RW 1/19)								
ID #	DESCRIPTION	STATION/ OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
1	FUTURE ANTENNA TOWER	69+53/3042	235' (EST)	HORIZONTAL	182'	53' (EST)	LIGHT	NEAR TERM

NOTES

1. PRIMARY SURFACE WIDTH IS 500'.
2. THERE ARE NO KNOWN HEIGHT RESTRICTIONS.
3. REFER TO INNER PORTIONS OF THE APPROACH SURFACE FOR CLOSE IN OBSTRUCTION.
4. PART 77 ELEVATIONS BASED ON NAVD 88
5. AIRPORT ELEVATION IS 32.4'
6. APPROACH SURFACES START 200' FROM THE THRESHOLDS



RUNWAY PROFILE

NO SCALE

BY	DATE	REVISION
	12/2015	AS-BUILT PER AKSAS 59794

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

KONGIGANAK AIRPORT
KONGIGANAK, ALASKA
AIRPORT LAYOUT PLAN
AIRPORT AIRSPACE

DATE: 1/25/2016,
SHEET: 5 OF 6

Designed By:
Drawn By:
Checked By:

Date Plotted: 1/25/2016, 10:37 AM
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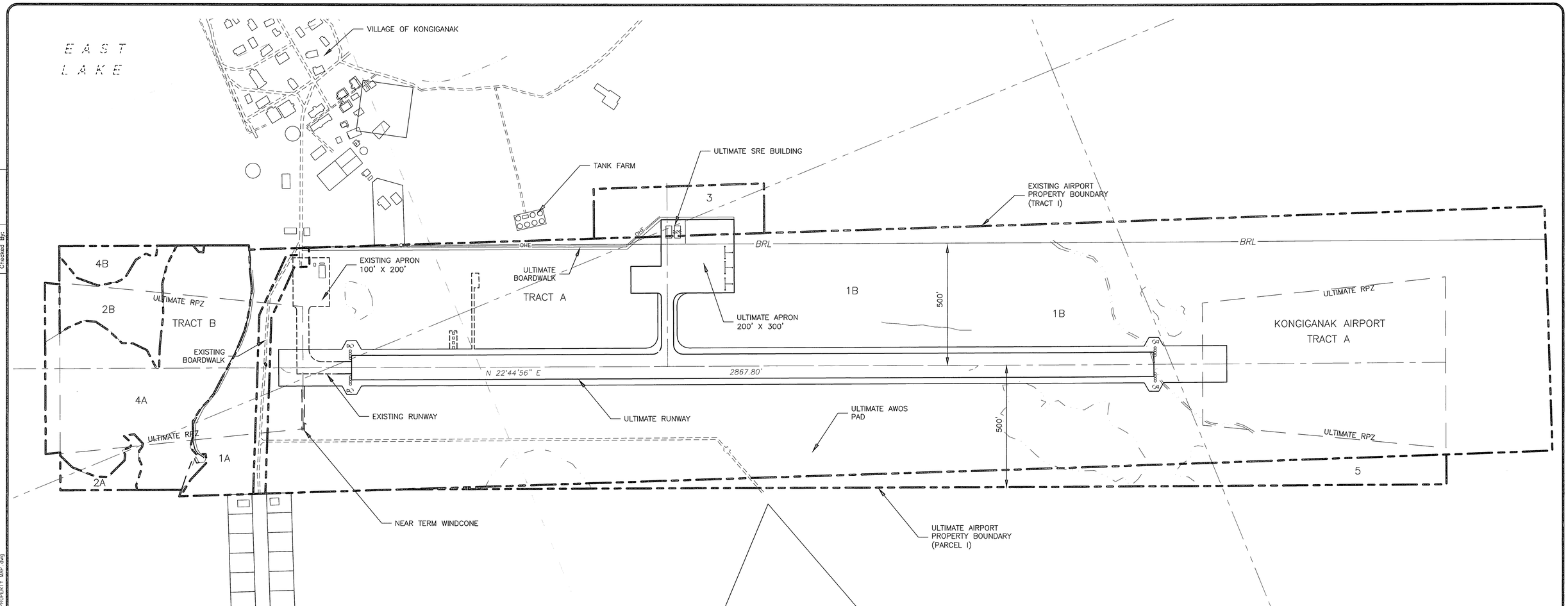

PROPERTY STATUS

ID#	INTEREST	GRANTOR	GRANTEE	PARCEL SIZE	DATE ACQUIRED	RECORDED DOC NO.	ACQUIRED AIP NO.
1	SUBSURFACE ESTATE	CALISTA CORPORATION	STATE OF ALASKA, DOT&PF	125.266 AC 124.3 AC DEED		2011–000311–0	3–02–0380–001–2007
1A	SURFACE ESTATE	QEMIRTALEK COAST CORPORATION	STATE OF ALASKA, DOT&PF	3.677 AC		2011–000310–0	
1B	SURFACE ESTATE	QEMIRTALEK COAST CORPORATION	STATE OF ALASKA, DOT&PF	120.349 AC		2011–000310–0	
2A	SUBSURFACE ESTATE	CALISTA CORPORATION	STATE OF ALASKA, DOT&PF	0.794 AC 0.78 AC DEED		2007–001095–0	3–02–0380–001–2007
	SURFACE ESTATE	QEMIRTALEK COAST CORPORATION	STATE OF ALASKA, DOT&PF			2007–001096–0	
2B	SUBSURFACE ESTATE	CALISTA CORPORATION	STATE OF ALASKA, DOT&PF	2.687 AC 2.66 AC DEED		2007–001095–0	3–02–0380–001–2007
	SURFACE ESTATE	QEMIRTALEK COAST CORPORATION	STATE OF ALASKA, DOT&PF			2007–001096–0	
2C	SUBSURFACE ESTATE	CALISTA CORPORATION	STATE OF ALASKA, DOT&PF	0.020 AC 0.024 AC DEED		2007–001095–0	3–02–0380–001–2007
	SURFACE ESTATE	QEMIRTALEK COAST CORPORATION	STATE OF ALASKA, DOT&PF			2007–001096–0	
3	SUBSURFACE ESTATE	CALISTA CORPORATION	STATE OF ALASKA, DOT&PF	3.262 AC 3.26 AC DEED		2007–001095–0	3–02–0380–001–2007
	SURFACE ESTATE	QEMIRTALEK COAST CORPORATION	STATE OF ALASKA, DOT&PF			2007–001096–0	
4A	SUBSURFACE ESTATE	CALISTA CORPORATION	STATE OF ALASKA, DOT&PF	11.946 AC 12.97 AC (4A & 4B) DEED		2015–000165–0	3–02–0380–001–2007
	SURFACE ESTATE	QEMIRTALEK COAST CORPORATION	STATE OF ALASKA, DOT&PF			2015–000164–0	
4B	SUBSURFACE ESTATE	CALISTA CORPORATION	STATE OF ALASKA, DOT&PF	0.999 AC 12.97 AC (4A & 4B) DEED		2015–000165–0	3–02–0380–001–2007
	SURFACE ESTATE	QEMIRTALEK COAST CORPORATION	STATE OF ALASKA, DOT&PF			2015–000164–0	
5	SUBSURFACE ESTATE	CALISTA CORPORATION	STATE OF ALASKA, DOT&PF	5.990 AC 5.99 AC DEED		2007–001095–0	3–02–0380–001–2007
	SURFACE ESTATE	QEMIRTALEK COAST CORPORATION	STATE OF ALASKA, DOT&PF			2007–001096–0	

LEGEND

- WINDCONE
- PAPI
- THRESHOLD
- REIL
- ROTATING BEACON

MAG. DEC. 14°18' E
2005

BY	DATE	REVISION
	12/2015	AS–BUILT PER AKSAS 59794

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

KONGIGANAK AIRPORT
KONGIGANAK, ALASKA
AIRPORT LAYOUT PLAN
PROPERTY MAP

DATE: 1/25/2016

SHEET: 6 OF 6

Designed By:
Drawn By:
Checked By:

Date Plotted: 1/25/2016, 10:38 AM
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