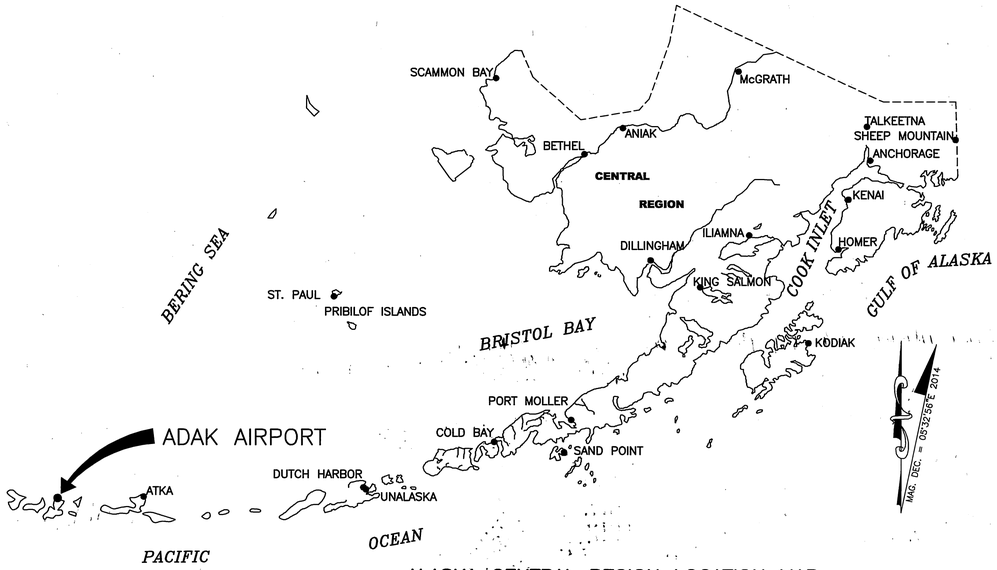
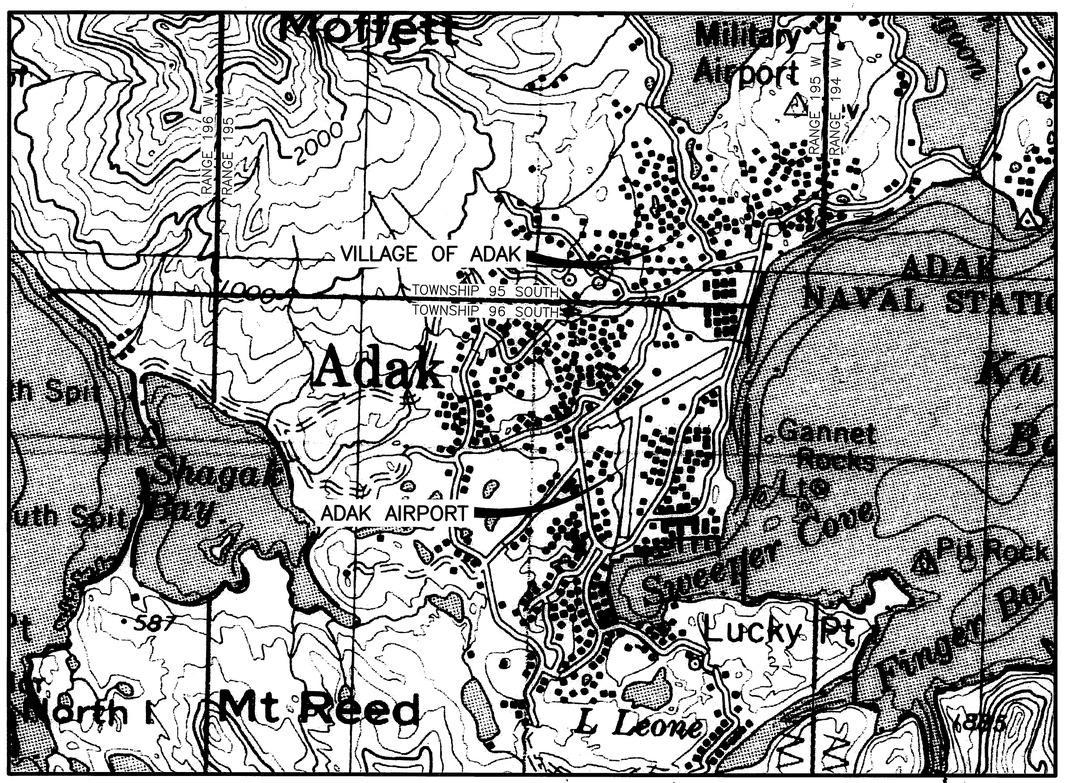
ADAK AIRPORT
AIRPORT LAYOUT PLAN

ADAK, ALASKA



ALASKA CENTRAL REGION LOCATION MAP



VICINITY MAP

1 SM .5 SM 0 1 SM 2 SM

T 96 S, R 195 W, SEC. 2,3,10,11,14 & 15
SEWARD MERIDIAN
U.S.G.S. TRINITY ISLANDS (D-1) 1957, ALASKA

MAG. DEC. = 05°32'56"E 2014

LEGEND

ITEM	EXISTING	ULTIMATE
AIRPORT REFERENCE POINT (A.R.P.)		
ANTENNA		
APPROACH	AP	AP
APPROACH SITING	AS	AS
AWOS		
BLUFF		
BUILDINGS		
BUILDING RESTRICTION LINE	BRL	BRL
CLOSED RUNWAY/TAXIWAY MARKER		
DEPARTURE SITING	DS	DS
ELECTRIC GATE		
FENCE	X	X
GLIDESLOPE QUALIFICATION	GS	GS
LIGHT POLE		
NAVAID CRITICAL AREA	NCA	NCA
NON-DIRECTIONAL BEACON		
OMNI-DIRECTIONAL APPROACH LIGHTING SYSTEM (ODALS)		
PAPI		
PAPI SITING SURFACE	PSS	PSS
PROPERTY LINE		
REIL		
REIL SITING SURFACE	RSS	RSS
ROADWAYS		
ROTATING BEACON		
RUNWAY OBSTACLE FREE AREA	OFA	OFA
RUNWAY OBSTACLE FREE ZONE	OFZ	OFZ
RUNWAY PROTECTION ZONE	RPZ	RPZ
RUNWAY PROTECTION ZONE – APPROACH	ARPZ	ARPZ
RUNWAY PROTECTION ZONE – DEPARTURE	DRPZ	DRPZ
RUNWAY SAFETY AREA	RSA	RSA
SEGMENTED CIRCLE		
SHORELINE		
SURVEY MONUMENT		
THRESHOLD MARKERS/LIGHTS		
TOPOGRAPHIC CONTOURS	100	100
TREE (LARGE SINGLE)		
TREELINE		
UTILITY POLE		
VASI		
VISUAL ZONE	VIZ	VIZ
WATER BODY		
WIND CONE		

DRAWING INDEX

SHT#	TITLE
1	AIRPORT DATA
2	AIRPORT DATA
3	AIRPORT DATA
4	EXISTING LAYOUT
4A	NEAR-TERM LAYOUT
5	ULTIMATE LAYOUT
6	EXISTING INNER PORTION OF THE APPROACH SURFACE – RUNWAY 5
6A	NEAR-TERM INNER PORTION OF THE APPROACH SURFACE – RUNWAY 5
7	EXISTING INNER PORTION OF THE APPROACH SURFACE – RUNWAY 23
7A	NEAR-TERM INNER PORTION OF THE APPROACH SURFACE – RUNWAY 23
8	EXISTING INNER PORTION OF THE APPROACH SURFACE – RUNWAY 18
9	EXISTING INNER PORTION OF THE APPROACH SURFACE – RUNWAY 36
10	EXISTING RUNWAY CENTERLINE PROFILES
10A	NEAR-TERM RUNWAY CENTERLINE PROFILE
11	ULTIMATE INNER PORTION OF THE APPROACH SURFACE – RUNWAY 5
12	ULTIMATE INNER PORTION OF THE APPROACH SURFACE – RUNWAY 23
13	ULTIMATE RUNWAY CENTERLINE PROFILES
14	NEAR-TERM DEPARTURE & APPROACH SITING SURFACES – RUNWAY 5
15	NEAR-TERM DEPARTURE & APPROACH SITING SURFACES – RUNWAY 23
16	NEAR-TERM DEPARTURE, APPROACH SITING & OFZ – DATA TABLES
17	ULTIMATE DEPARTURE & APPROACH SITING SURFACES – RUNWAY 5
18	ULTIMATE DEPARTURE & APPROACH SITING SURFACES – RUNWAY 23
19	ULTIMATE DEPARTURE, APPROACH SITING & OFZ – DATA TABLES
20	SIGNIFICANT OBJECTS & BUILDING TABLES
21	TERMINAL AREA
22	AIRPORT AIRSPACE, 14 CFR, PART 77
23	AIRPORT AIRSPACE, 14 CFR, PART 77 RUNWAY 23 APPROACH
24	AIRPORT AIRSPACE, 14 CFR, PART 77 DATA TABLES
25	AIRPORT AIRSPACE, 14 CFR, PART 77 DATA TABLES
26	PROPERTY MAP

BY	DATE	REVISION

APPROVED: DATE: 8/19/2015
KENNETH M. MORTON, P.E. PRECONSTRUCTION ENGINEER
RECOMMENDED: DATE: 8/12/15
WOLFGANG E. JUNGE, P.E. DESIGN SECTION CHIEF

AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO ALP APPROVAL LETTER DATED 8/24/2015
FAA AIRSPACE REVIEW NUMBER: 2015-AAL-124-NRA
DATE: 8/24/15
FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-602

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

AIRPORT DATA

DATE: AUGUST 2015
SHEET: 1 OF 26

Designed By:
Drawn By:
Checked By:
Date Plotted: 8/06/2015, 9:41 AM
Layout Name: DATA
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-DATA.dwg

RUNWAY / DATA RUNWAY 5/23

ITEM		EXISTING	NEAR–TERM	ULTIMATE
RUNWAY TYPE UTILITY OR OTHER THAN UTILITY		OTU	OTU	OTU
FAR PART 77 APPROACH CATEGORY (V, NPI, P)		V / NPI	V / NPI	V / NPI
FAR PART 77 VISIBILITY MINIMUM		>1 SM / >3/4 SM	>1 SM / >3/4 SM	>1 SM / >3/4 SM
FAR PART 77 APPROACH SURFACES SLOPE		20:1 / 34:1	20:1 / 34:1	20:1 / 34:1
APPROACH TYPE (VIS, NPA, APV(NP), APV(P), PREC		VIS / NPA	VIS / NPA	VIS / NPA
THRESHOLD SITING SURFACE SLOPE		20:1 / 20:1	20:1 / 20:1	20:1 / 20:1
RUNWAY DESIGN CODE		CIII VIS / CIII 4000	CIII VIS / CIII 4000	CIII VIS / CIII 4000
APPROACH RUNWAY REFERENCE CODE (APRC)		CIII VIS / CIII 4000	CIII VIS / CIII 4000	CIII VIS / CIII 4000
DEPARTURE RUNWAY REFERENCE CODE (DPRC)		CIII / CIII	CIII / CIII	CIII / CIII
RUNWAY SURFACE		ASPHALT	ASPHALT	ASPHALT
SURFACE TREATMENT		GROOVED / GROOVED	GROOVED / GROOVED	GROOVED / GROOVED
AIRPLANE GEAR CONFIG/PAVE STRENGTH (x1000lbs)		S80,D145,2T325,C5770	S80,D145,2T325,C5770	S80,D145,2T325,C5770
PAVEMENT STRENGTH BY PCN		UNKNOWN	UNKNOWN	UNKNOWN
DESIGN AIRCRAFT (>60,000 lbs)		B737–400 COMBI	B737–400 COMBI	B737–400 COMBI
MAXIMUM ELEVATION		19.5	19.5	19.5
TOUCHDOWN ZONE ELEVATION NAVD88		19.5 / 16.9	17.4 / 16.9	17.4 / 16.9
EFFECTIVE GRADE		0.1%	0.1%	0.1%
MEAN GEODETIC BEARING		N60.57'E	N60.57'E	N60.57'E
RUNWAY DIMENSIONS SEE NOTE #2		7790x200	7790x200	7788x200
RUNWAY SAFETY AREA (RSA)		7790x400	7790x400	7788x400
RSA LENGTH BEYOND DEPARTURE END	RW5	0	1000	1000
	RW23	0	1000	1000
RSA LENGTH PRIOR TO THRESHOLD	RW5	0	600	600
	RW23	0	0	0
RUNWAY OBJECT FREE AREA (OFA)		7790x650	7790x650	7788x650
ROFA LENGTH BEYOND DEPARTURE END	RW5	0	1000	1000
	RW23	0	1000	1000
ROFA LENGTH PRIOR TO THRESHOLD	RW5	0	600	600
	RW23	0	0	0
RUNWAY OBSTACLE FREE ZONE (OFZ) SEE NOTE#1		9590x400	9690x400	9690x400
PRECISION OBSTACLE FREE ZONE (POFZ)		N/A / N/A	N/A / N/A	N/A / N/A
RUNWAY PROTECTION ZONE (RPZ) APPROACH	RW5	1700x500x1010	1700x500x1010	1700x500x1010
	RW23	1700x1000x1510	1700x1000x1510	1700x1000x1510
RUNWAY PROTECTION ZONE (RPZ) DEPARTURE	RW5	1700x500x1010	1700x500x1010	1700x500x1010
	RW23	1700x500x1010	1700x500x1010	1700x500x1010
RUNWAY LIGHTING		HIRL	HIRL	HIRL
RUNWAY MARKING TYPE		VISUAL/PRECISION	VISUAL/PRECISION	VISUAL/PRECISION
RUNWAY NAVIGATIONAL AIDS		NONE/REILS,PAPI,SALSF	NONE/REILS,PAPI,SALSF	REILS/REILS,PAPI,SALSF
		ILS,NDB/DME	ILS,NDB/DME	ILS,NDB/DME
AERONAUTICAL SURVEY TYPE REQUIRED		NON–VERTICALLY GUIDED	NON–VERTICALLY GUIDED	NON–VERTICALLY GUIDED
DEPARTURE SURFACE		YES /YES	YES/ YES	YES / YES

NOTE:
1. OFZ INCLUDES SALSF REQUIREMENT
2. DECLARED DISTANCES IMPLEMENTED ON THIS RUNWAY

RUNWAY / DATA RUNWAY 18/36

ITEM		EXISTING	NEAR–TERM	ULTIMATE
RUNWAY TYPE UTILITY OR OTHER THAN UTILITY		OTU		
FAR PART 77 APPROACH CATEGORY (V, NPI, P)		V / V		
FAR PART 77 VISIBILITY MINIMUM		>1 SM / >1 SM		
FAR PART 77 APPROACH SURFACES SLOPE		20:1 / 20:1		
APPROACH TYPE (VIS, NPA, APV(NP), APV(P), PREC		VIS / VIS		
THRESHOLD SITING SURFACE SLOPE		20:1 / 20:1		
RUNWAY DESIGN CODE		BIII VIS / BIII VIS		
APPROACH RUNWAY REFERENCE CODE (APRC)		BIII VIS / BIII VIS		
DEPARTURE RUNWAY REFERENCE CODE (DPRC)		BIII / BIII		
RUNWAY SURFACE		ASPHALT		
SURFACE TREATMENT		GROOVED / GROOVED		
AIRPLANE GEAR CONFIG/PAVE STRENGTH (x1000lbs)		S80,D145,2T325,C5770		
PAVEMENT STRENGTH BY PCN		UNKNOWN		
DESIGN AIRCRAFT (>60,000 lbs)		N/A		
MAXIMUM ELEVATION		11.4		
TOUCHDOWN ZONE ELEVATION		11.4 / 6.1		
EFFECTIVE GRADE		0.1%		
MEAN GEODETIC BEARING		S5.40'W		
RUNWAY DIMENSIONS		7605x200		
RUNWAY SAFETY AREA (RSA)		7605x300		
RSA LENGTH BEYOND DEPARTURE END	RW18	0		
	RW36	0		
RSA LENGTH PRIOR TO THRESHOLD	RW18	0		
	RW36	0		
RUNWAY OBJECT FREE AREA (OFA)		7605x675		
ROFA LENGTH BEYOND DEPARTURE END	RW18	0		
	RW36	0		
ROFA LENGTH PRIOR TO THRESHOLD	RW18	0		
	RW36	0		
RUNWAY OBSTACLE FREE ZONE (OFZ)		8005x400		
PRECISION OBSTACLE FREE ZONE (POFZ)		N/A / N/A		
RUNWAY PROTECTION ZONE (RPZ) APPROACH	RW18	1000x500x700		
	RW36	1000x500x700		
RUNWAY PROTECTION ZONE (RPZ) DEPARTURE	RW18	1000x500x700		
	RW36	1000x500x700		
RUNWAY LIGHTING		HIRL		
RUNWAY MARKING TYPE		VISUAL/VISUAL		
RUNWAY NAVIGATIONAL AIDS		NONE/NONE		
AERONAUTICAL SURVEY TYPE REQUIRED		NON–VERTICALLY GUIDED		
DEPARTURE SURFACE		NO / NO		

NOTE:
1. OFZ INCLUDES SALSF REQUIREMENT

GEOGRAPHIC COORDINATES

ITEM		EXISTING	NEAR–TERM	ULTIMATE
ARP				
	LATITUDE	N51°52'40.89"	N51°53'00.89"	N51°53'00.89"
	LONGITUDE	W176°38'45.31"	W176°38'32.95"	W176°38'32.95"
	STATION/OFFSET	23+91.60/1385.45R	40+64.03	40+64.03
THRESHOLD RW 5				
	LATITUDE	N51°52'42.02"	N/A	N/A
	LONGITUDE	W176°39'26.99"	N/A	N/A
	STATION	1+70.01	N/A	N/A
	ELEVATION	19.5	N/A	N/A
DISPLACED THRESHOLD RW 5				
	LATITUDE	N/A	N51°52'44.93"	N51°52'44.93"
	LONGITUDE	N/A	w176°39'18.66"	w176°39'18.66"
	STATION	N/A	7+70.01	7+70.01
	ELEVATION	N/A	17.4	17.4
RW 23 DEPARTURE END				
	LATITUDE	N/A	N51°52'42.02"	N51°52'42.02"
	LONGITUDE	N/A	W176°39'26.99"	W176°39'26.99"
	STATION	N/A	1+70.01	1+70.01
	ELEVATION	N/A	19.5	19.5
THRESHOLD RW 23				
	LATITUDE	N51°53'19.77"	N51°53'19.77"	N51°53'19.76"
	LONGITUDE	W176°37'38.87"	W176°37'38.87"	W176°37'38.89"
	STATION	79+59.87	79+59.87	79+58.05
	ELEVATION	16.9	16.9	16.9
RW 5 DEPARTURE END				
	LATITUDE	N/A	N51°53'19.77"	N51°53'19.76"
	LONGITUDE	N/A	W176°37'38.87"	W176°37'38.89"
	STATION	N/A	79+59.87	79+58.05
	ELEVATION	N/A	16.9	16.9
THRESHOLD RW 18			CLOSED	CLOSED
	LATITUDE	N51°52'57.74"		
	LONGITUDE	W176°38'52.31"		
	STATION	76+11.28		
	ELEVATION	8.8		
THRESHOLD RW 36			CLOSED	CLOSED
	LATITUDE	N51°51'43.07"		
	LONGITUDE	W176°39'03.70"		
	STATION	0+05.99		
	ELEVATION	6.1		

TAXIWAY "A" DATA

ITEM	EXISTING	NEAR–TERM	ULTIMATE
AIRPLANE DESIGN GROUP	IV	III	III
TAXIWAY DESIGN GROUP	UNKNOWN	3	3
TAXIWAY SURFACE	ASPHALT	ASPHALT	ASPHALT
LENGTH x WIDTH	5600 x 75	5600 x 75	5600 x 50
SHOULDER WIDTH	10	10	20
SAFETY AREA (TSA) WIDTH	171	118	118
EDGE SAFETY MARGIN (TESM)	10	10	10
OBJECT FREE AREA (TOFA) WIDTH	259	186	186
TAXIWAY LIGHTING	MITL	MITL	MITL
TAXIWAY MARKING	YES	YES	YES

TAXIWAY "B" DATA

ITEM	EXISTING	NEAR–TERM	ULTIMATE
AIRPLANE DESIGN GROUP	IV	III	III
TAXIWAY DESIGN GROUP	UNKNOWN	3	3
TAXIWAY SURFACE	ASPHALT	ASPHALT	ASPHALT
LENGTH x WIDTH	495 x 75	495 x 50	495 x 50
SHOULDER WIDTH	10	20	20
SAFETY AREA (TSA) WIDTH	171	118	118
EDGE SAFETY MARGIN (TESM)	10	10	10
OBJECT FREE AREA (TOFA) WIDTH	259	186	186
TAXIWAY LIGHTING	MITL	MITL	MITL
TAXIWAY MARKING	YES	YES	YES

NOTE:
1. ALL LATITUDE/LONGITUDE COORDINATES ARE NAD83.
2. ALL ELEVATIONS ARE NAVD88.
3. MAPPING BASED ON AERONAUTICAL SURVEY 2012
4. RW 5/23 MEETS LINE OF SIGHT REQUIREMENTS

AIRPORT DATA

ITEM	EXISTING	NEAR–TERM	ULTIMATE
ICAO IDENTIFIER	ADK	ADK	ADK
NATIONAL AIRPORT IDENTIFIER	PADK	PADK	PADK
FAA SITE NUMBER	50009,*9	50009,*9	50009,*9
AIRPORT ELEVATION NAVD88	18	20	20
AIRPORT REFERENCE CODE	C–III	C–III	C–III
MEAN MAX. TEMPERATURE, HOTTEST MONTH	52°F AUGUST	52°F AUGUST	52°F AUGUST
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	5°09'E, 2015, 9'W	5°09'E, 2015, 9'W	5°09'E, 2015, 9'W
CRITICAL AIRCRAFT OR AIRCRAFT GROUP	B737–400 COMBI	B737–400 COMBI	B737–400 COMBI
AIRPORT AND TERMINAL NAVIGATION AIDS	ROTATING BEACON, SEG CIRCLE, WIND CONE, TACAN, AWOS, NDB, DME	ROTATING BEACON, SEG CIRCLE, WIND CONE, TACAN, AWOS, NDB, DME	ROTATING BEACON, SEG CIRCLE, WIND CONE, TACAN, AWOS, NDB, DME
NPIAS SERVICE LEVEL	GENERAL AVIATION BASIC	GENERAL AVIATION BASIC	GENERAL AVIATION BASIC
STATE EQUIVALENT SERVICE ROLE	COMMUNITY	COMMUNITY	COMMUNITY

MODIFICATIONS TO STANDARDS

ASN	DESCRIPTION	FAA STANDARDS	EXISTING CONDITION	PROPOSED ACTION	DATE APPROVED
2013–AAL–336–NRA	THRESHOLD LIGHTS LOCATION	2' FROM THRESHOLD	0.5' FROM THRESHOLD	ULTIMATE RELOCATE	06/25/2013

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

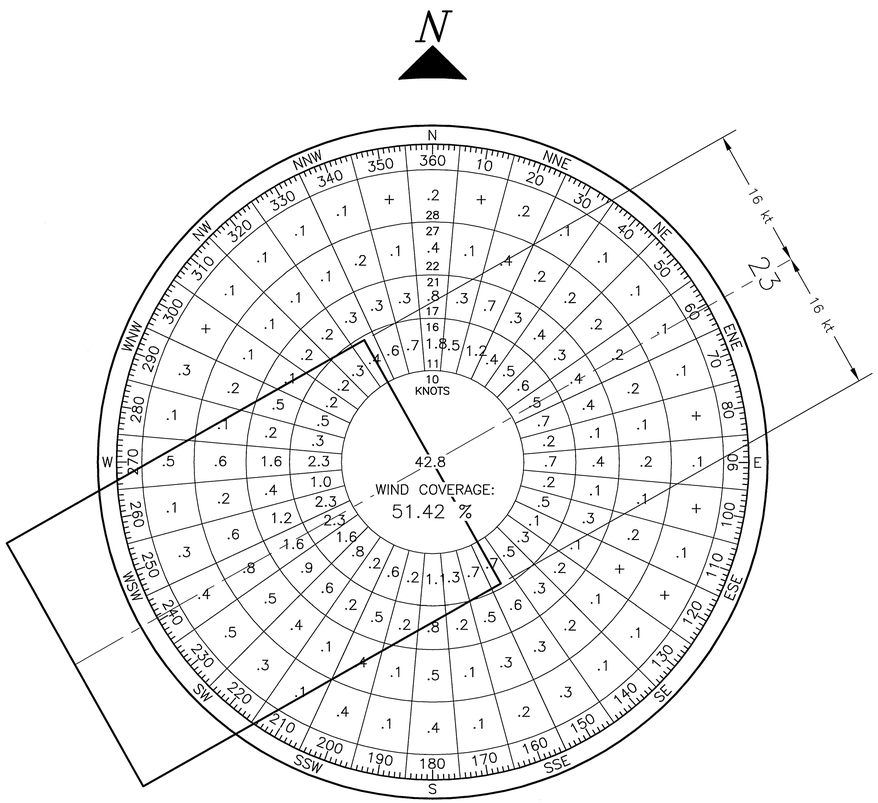
AIRPORT DATA

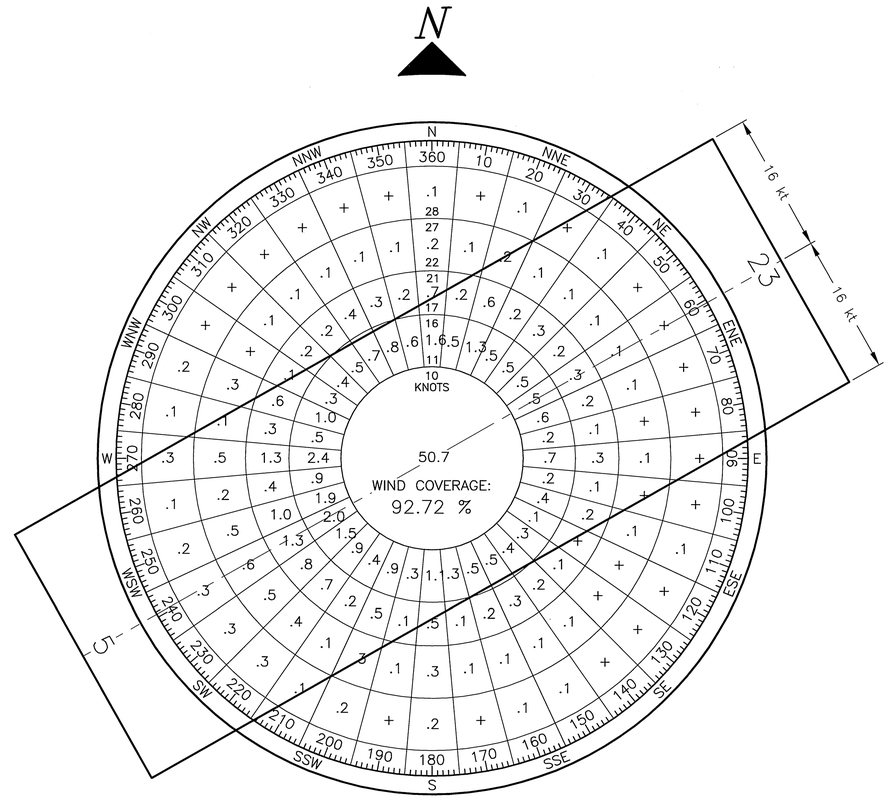
DATE: AUGUST 2015

SHEET: 2 OF 26

Designed By:
Drawn By:
Checked By:

Date Plotted: 8/06/2015, 1:31 PM
Layout Name: DATA (2)
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-DATA.dwg





IFR WIND DATA				
RUNWAY	10.5 kt	13 kt	16 kt	20 kt
RW 23	60.58%	62.06%	63.61%	–

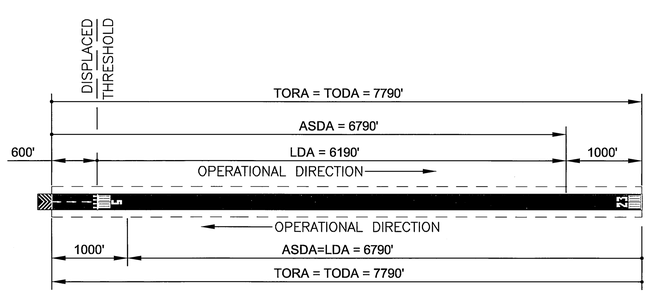
SOURCE: U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, NATIONAL CLIMATIC DATA CENTER DECEMBER 26, 2013

PERIOD: 2004 – 2013

ALL WEATHER WIND DATA				
RUNWAY	10.5 kt	13 kt	16 kt	20 kt
RW 5–23	76.37%	84.51%	92.00%	–

SOURCE: U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, NATIONAL CLIMATIC DATA CENTER DECEMBER 10, 2013

PERIOD: 2004 – 2013



RUNWAY 5/23 DECLARED DISTANCES

DECLARED DISTANCES								
RUNWAY END ID	TORA	TODA	ASDA	LDA	APPROACH END RSA LENGTH	STOP END RSA LENGTH	RSA LENGTH	DATE OF APPROVAL
RW 5	7790	7790	6790	6190	600	1000	7790	
RW 23	7790	7790	6790	6790	0	1000	7790	

NOTES:

1. APPROACH RSA LENGTH OF 0' AT RW 23 END AND RSA WIDTH OF 400' ARE NON–STANDARD.
2. THE ASN# FOR THE APPROVED RSA PRACTABILITY STUDY WHICH INCLUDED THE DECLARED DISTANCES IS ASN# 2015–AAL–124–NRA

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

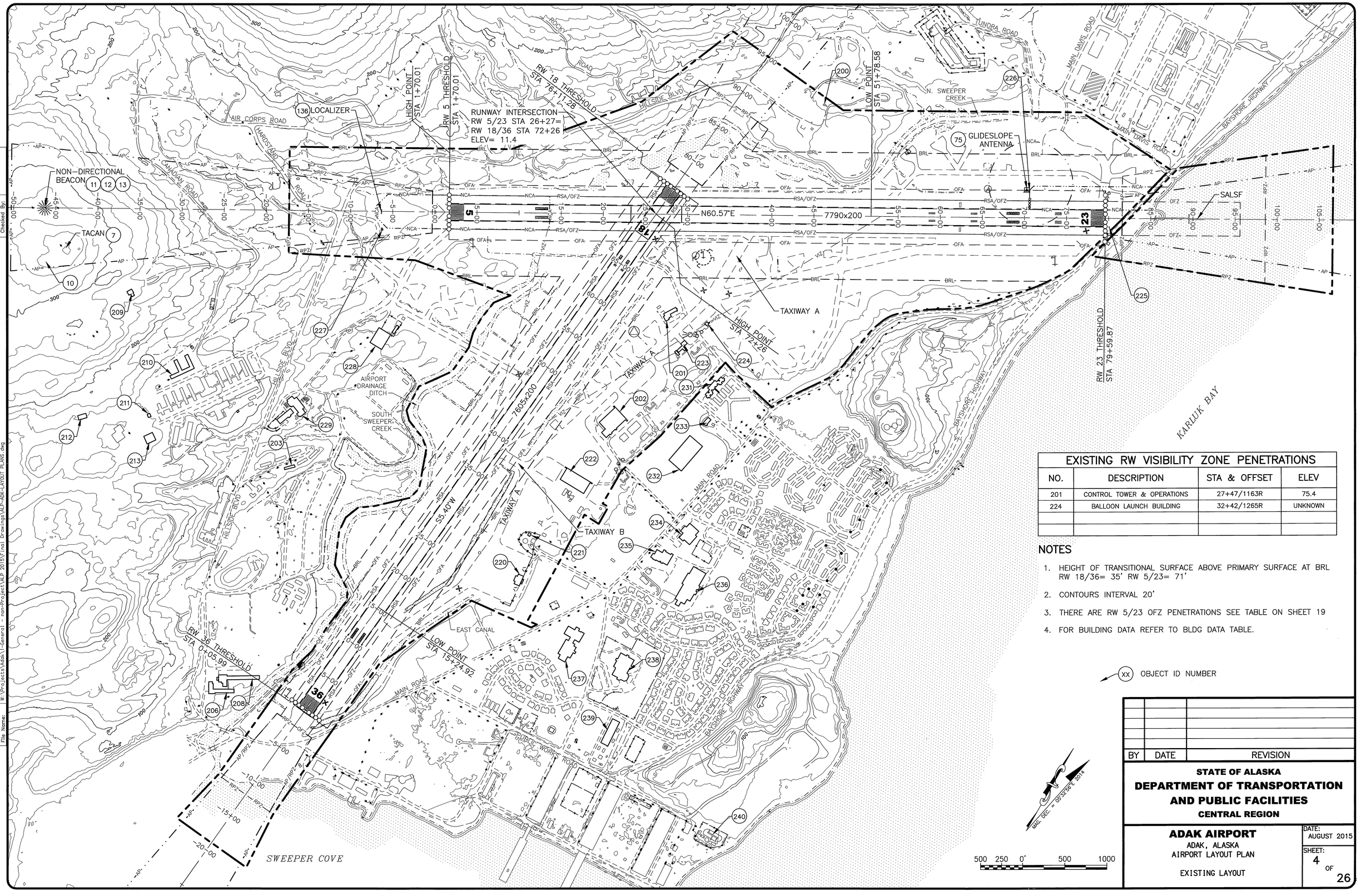
AIRPORT DATA

DATE: AUGUST 2015

SHEET: 3 OF 26

Designed By:
Drawn By:
Checked By:

Date Plotted: 8/06/2015, 1:30 PM
Layout Name: 3-DATA
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-DATA.dwg



EXISTING RW VISIBILITY ZONE PENETRATIONS

NO.	DESCRIPTION	STA & OFFSET	ELEV
201	CONTROL TOWER & OPERATIONS	27+47/1163R	75.4
224	BALLOON LAUNCH BUILDING	32+42/1265R	UNKNOWN

NOTES

1. HEIGHT OF TRANSITIONAL SURFACE ABOVE PRIMARY SURFACE AT BRL RW 18/36= 35' RW 5/23= 71'
2. CONTOURS INTERVAL 20'
3. THERE ARE RW 5/23 OFZ PENETRATIONS SEE TABLE ON SHEET 19
4. FOR BUILDING DATA REFER TO BLDG DATA TABLE.

(XX) OBJECT ID NUMBER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

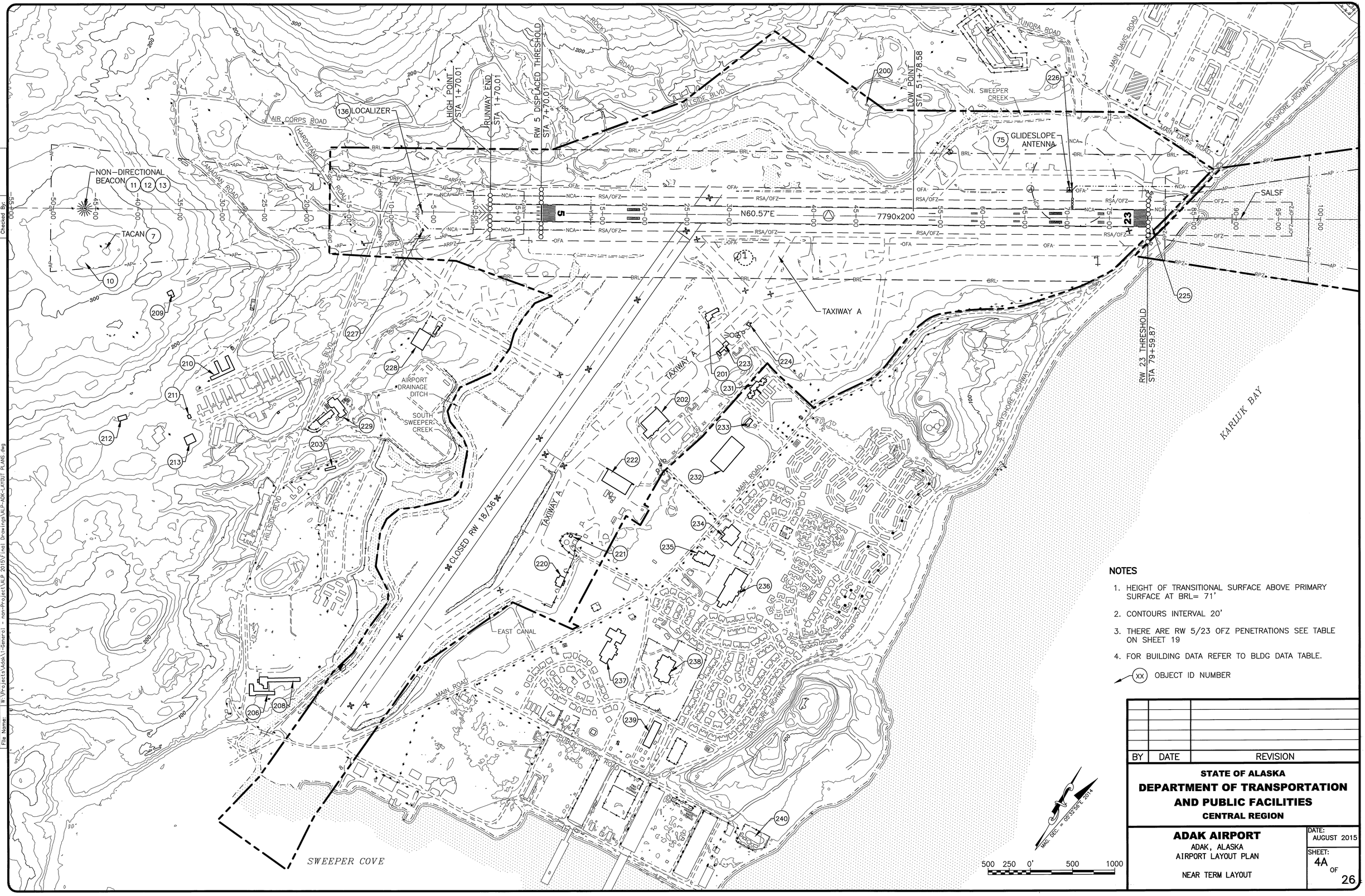
EXISTING LAYOUT

DATE: AUGUST 2015

SHEET: 4 OF 26

Designed By:
Drawn By:
Checked By:

Date Plotted: 8/06/2015, 1:29 PM
Layout Name: 4-E-LAYOUT
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-LAYOUT PLANS.dwg



NOTES

1. HEIGHT OF TRANSITIONAL SURFACE ABOVE PRIMARY SURFACE AT BRL= 71'
2. CONTOURS INTERVAL 20'
3. THERE ARE RW 5/23 OFZ PENETRATIONS SEE TABLE ON SHEET 19
4. FOR BUILDING DATA REFER TO BLDG DATA TABLE.

(XX) OBJECT ID NUMBER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

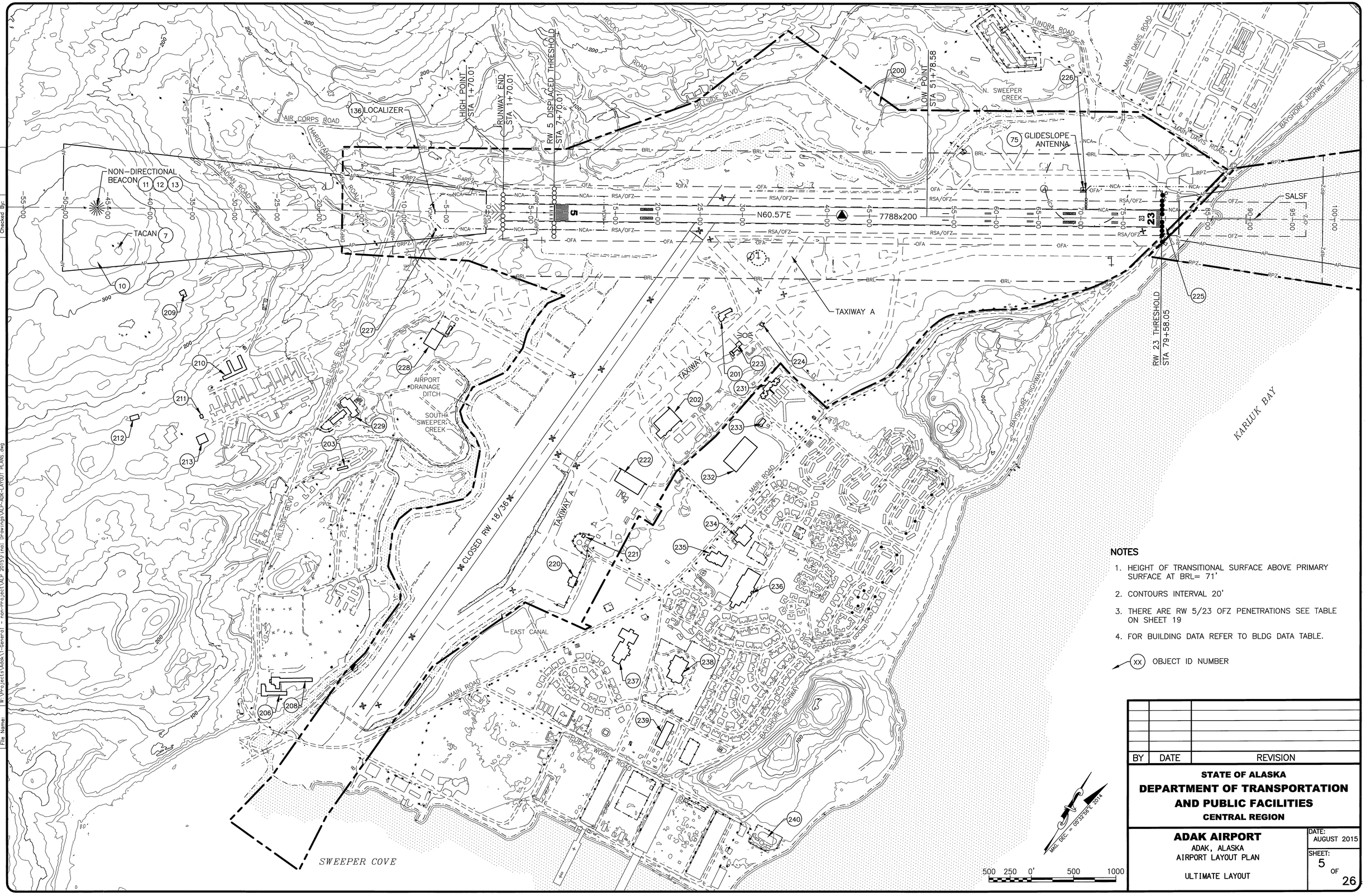
ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

NEAR TERM LAYOUT

DATE: AUGUST 2015

SHEET: 4A OF 26

Designed By:
Drawn By:
Checked By:
Date Plotted: 8/06/2015, 1:29 PM
Layout Name: 4A-NT-LAYOUT
File Name: W:\Projects\Adak\~General - non-Project\ALP 2015\Final Drawings\ALP-ADK-LAYOUT PLANS.dwg



NOTES

1. HEIGHT OF TRANSITIONAL SURFACE ABOVE PRIMARY SURFACE AT BRL= 71'
2. CONTOURS INTERVAL 20'
3. THERE ARE RW 5/23 OFZ PENETRATIONS SEE TABLE ON SHEET 19
4. FOR BUILDING DATA REFER TO BLDG DATA TABLE.

(XX) OBJECT ID NUMBER

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

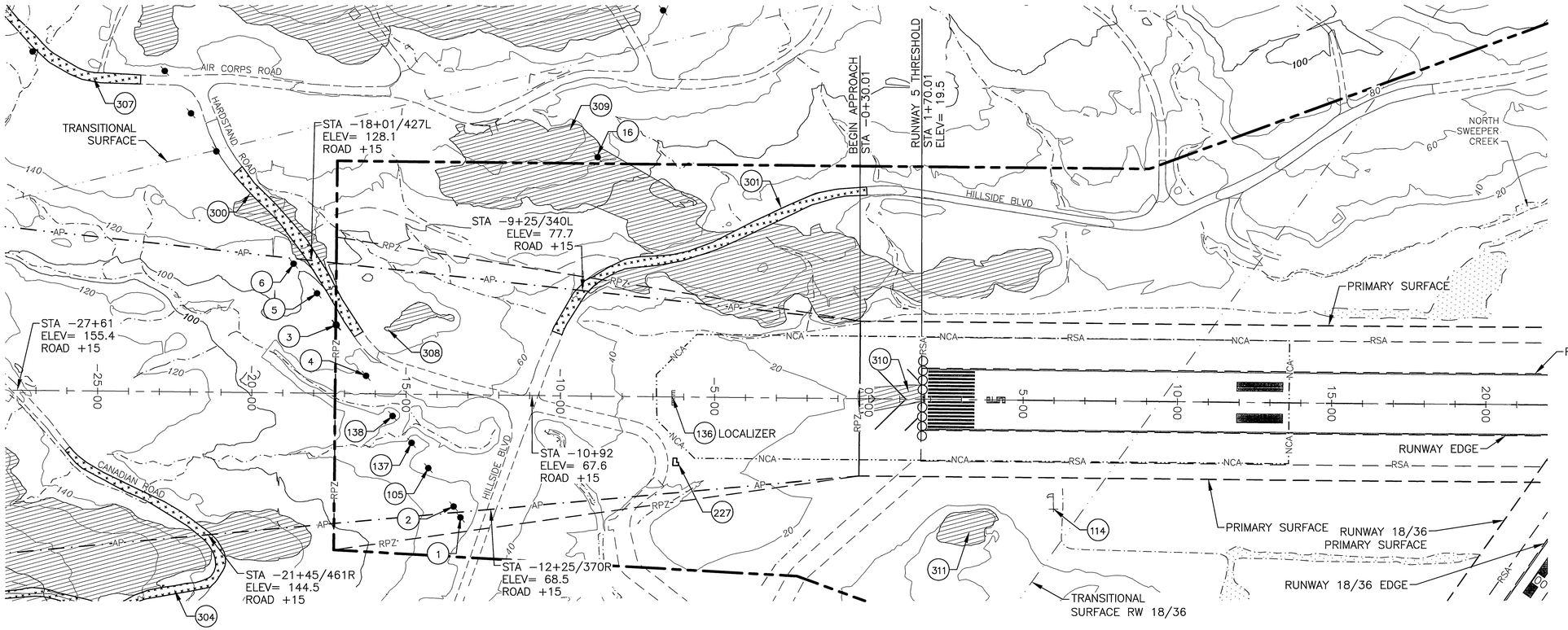
ULTIMATE LAYOUT

DATE: AUGUST 2015

SHEET: 5 OF 26

Designed By:
Drawn By:
Checked By:

Date Plotted: 8/06/2015, 1:28 PM
Layout Name: 5-UL-LAYOUT
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-LAYOUT PLANS.dwg

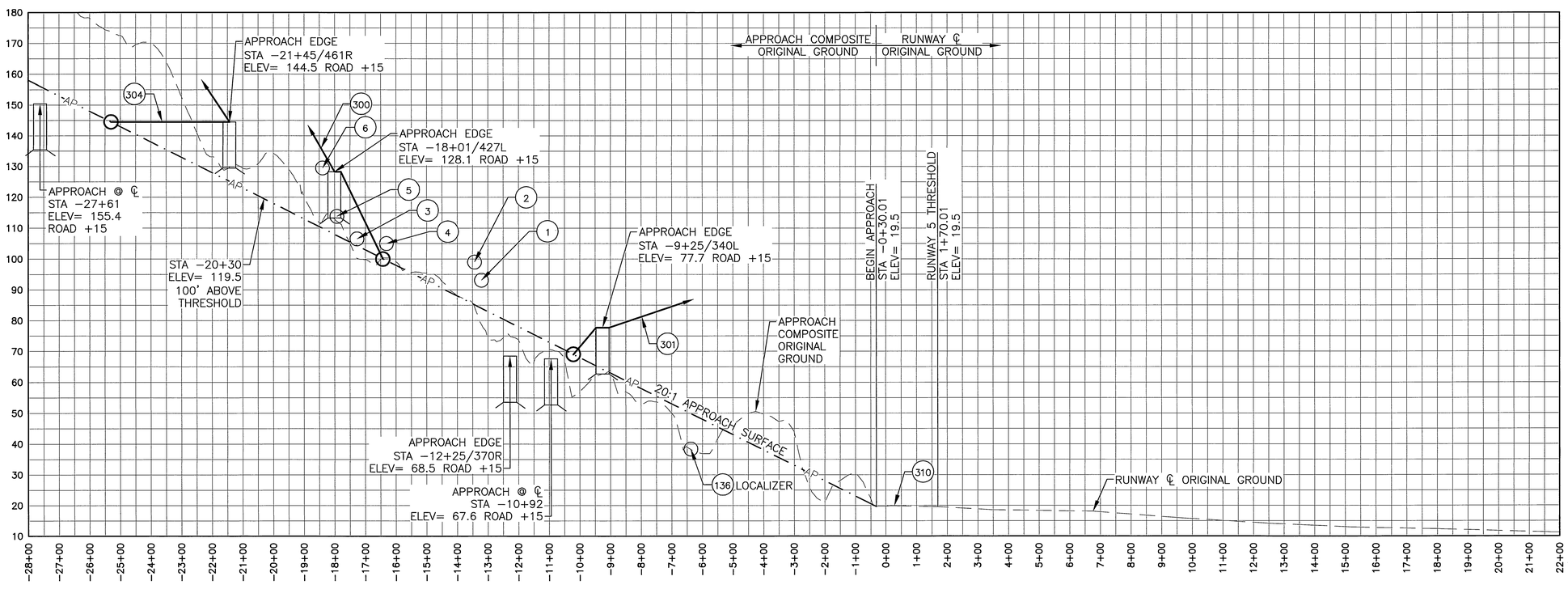


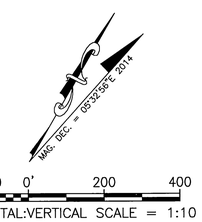
INNER APPROACH LEGEND

- (XX) OBJECT ID NUMBER
- PART 77 SURFACE TERRAIN PENETRATION AREA
- PART 77 SURFACE ROAD PENETRATION
- ROAD PENETRATION CONTINUES BEYOND APPROACH SURFACE

NOTE:

1. CONTOUR INTERVAL 20'
2. REFER TO DEPARTURES & APPROACH SITING SURFACE DRAWINGS FOR RUNWAY 5.
3. REFER TO AIRPORT AIRSPACE, 14 CFR, PART 77 DATA TABLES.
4. SEE AIRPORT AIRSPACE, 14 CFR, PART 77 FOR OBSTRUCTIONS BEYOND THIS DRAWING EXTENTS
5. CONTROLLING OBSTRUCTION = TOWER @ STA-13+61/396R ELEV= 413, SLOPE 11:1





BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

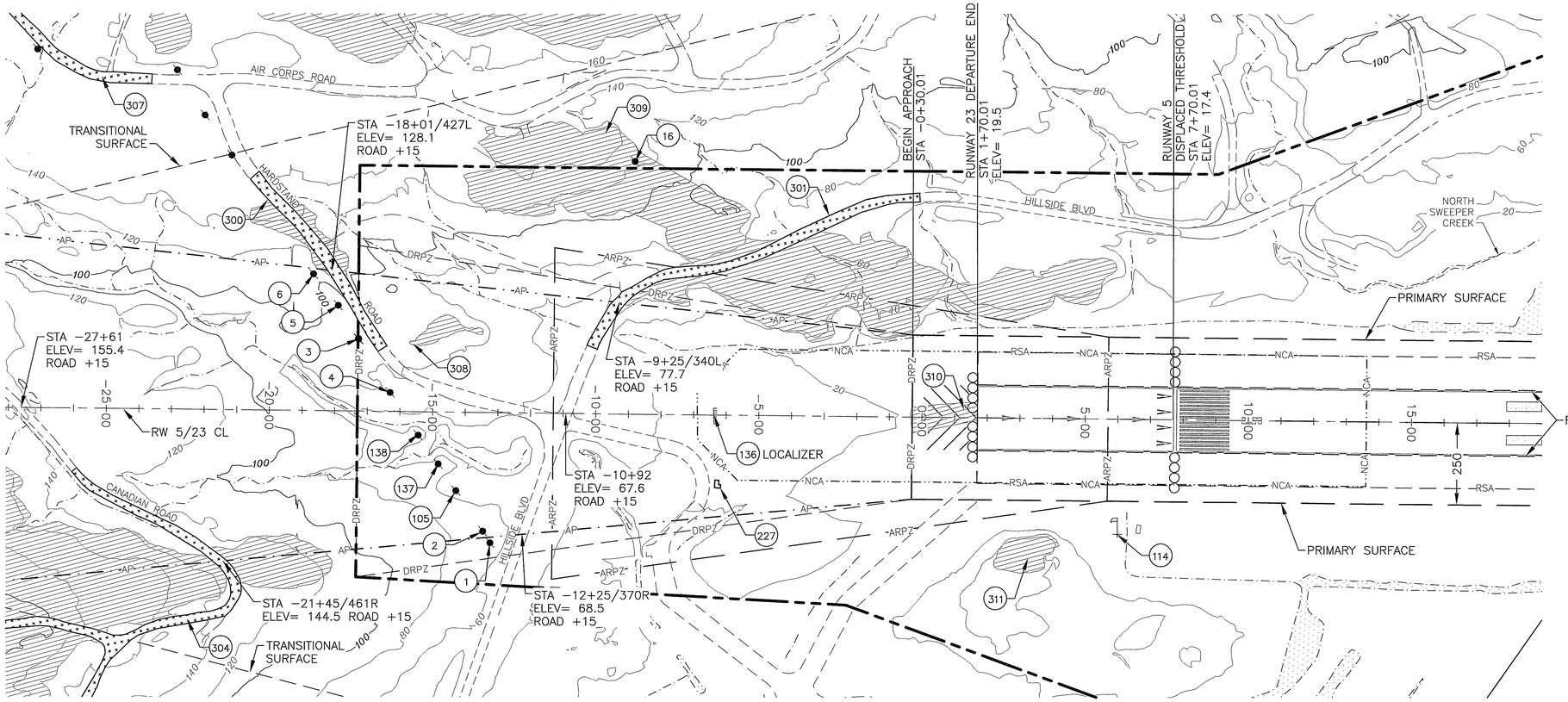
ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

EXISTING INNER PORTION OF THE APPROACH SURFACE - RUNWAY 5

DATE: AUGUST 2015

SHEET: 6 OF 26

Designed By:	TLC
Drawn By:	RKB
Checked By:	JRB
Date Plotted:	8/06/2015, 1:27 PM
Layout Name:	6-RW5
File Name:	W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-E-P&P.dwg

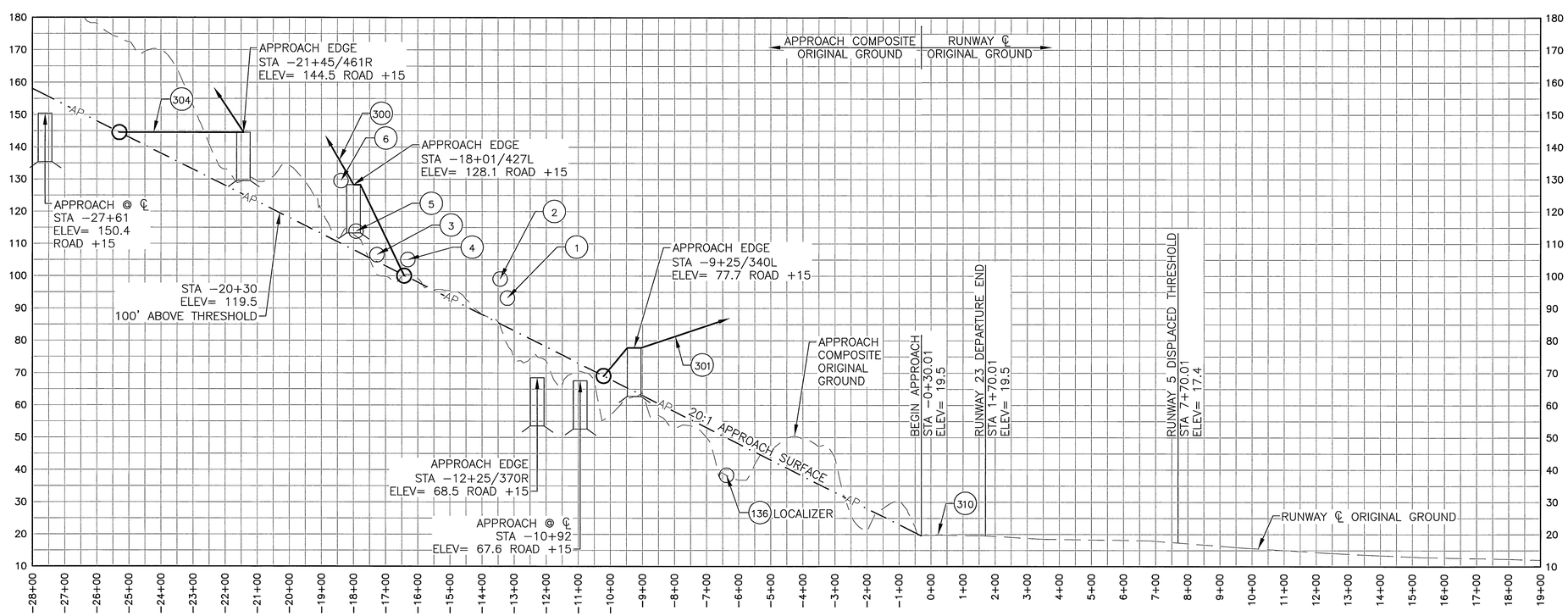


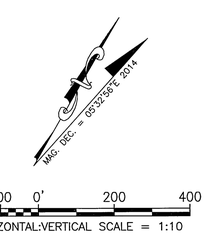
INNER APPROACH LEGEND

- (XX) OBJECT ID NUMBER
- PART 77 SURFACE TERRAIN PENETRATION AREA
- PART 77 SURFACE ROAD PENETRATION
- ROAD PENETRATION CONTINUES BEYOND APPROACH SURFACE

NOTE:

1. CONTOUR INTERVAL 20'
2. REFER TO DEPARTURES & APPROACH SITING SURFACE DRAWING RW 5
3. REFER TO AIRPORT AIRSPACE, 14 CFR, PART 77 DATA TABLES.
4. SEE AIRPORT AIRSPACE, 14 CFR, PART 77 FOR OBSTRUCTIONS BEYOND THIS DRAWING EXTENTS
5. CONTROLLING OBSTRUCTION = TOWER @ STA-13+61/396R ELEV= 413, SLOPE 11:1





BY	DATE	REVISION

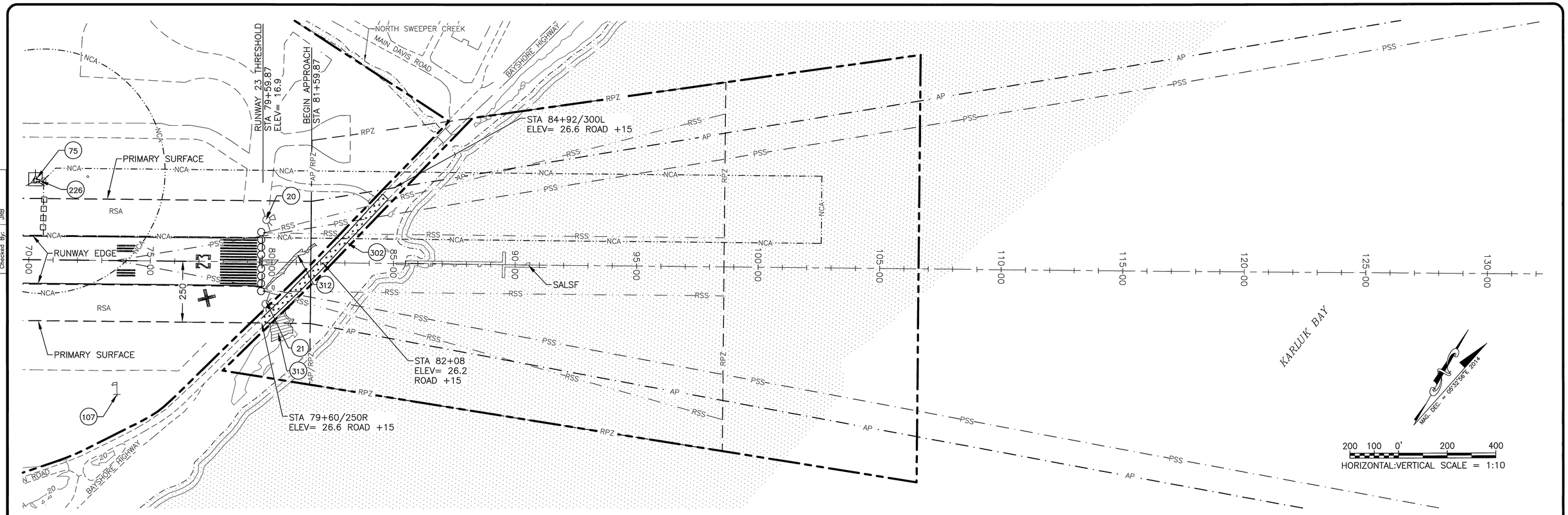
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

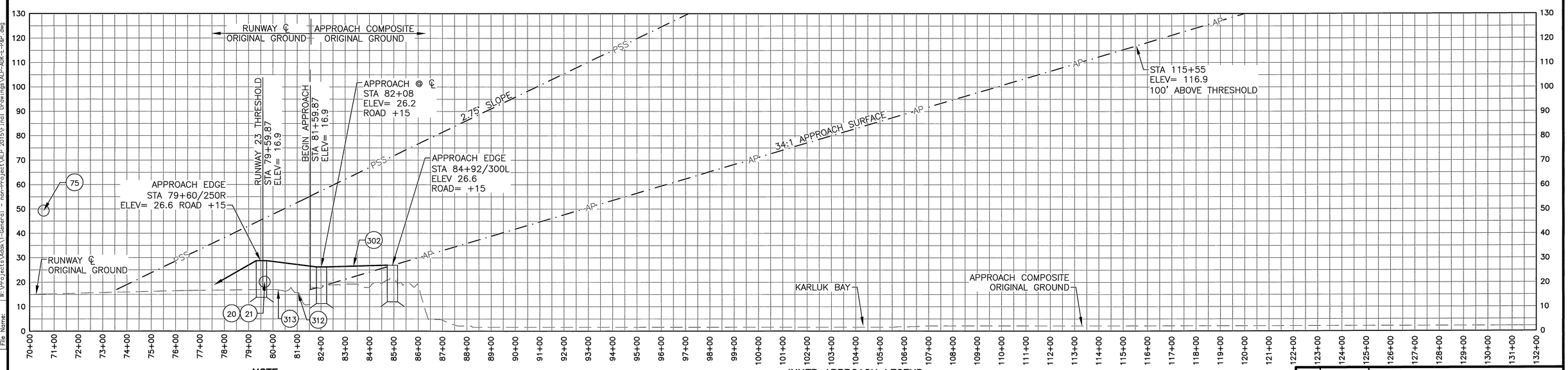
ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

NEAR-TERM INNER PORTION OF THE APPROACH SURFACE - RUNWAY 5

DATE: AUGUST 2015
SHEET: 6A OF 26

Designed By:
Drawn By:
Checked By:
Date Plotted: 8/06/2015, 1:14 PM
Layout Name: 6A-RW5
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-NT-RW5.dwg





NOTE:

1. CONTOUR INTERVAL 20'
2. REFER TO DEPARTURES & APPROACH SITING SURFACE DRAWING RW 23
3. REFER TO AIRPORT AIRSPACE, 14 CFR, PART 77 DATA TABLES.
4. SEE AIRPORT AIRSPACE, 14 CFR, PART 77 FOR OBSTRUCTIONS BEYOND THIS DRAWING EXTENTS
5. CONTROLLING OBSTRUCTION = ROAD +15 @ STA 81+58/44R ELEV= 26.0 SLOPE 1:1

INNER APPROACH LEGEND

- (XX) OBJECT ID NUMBER
- PART 77 SURFACE TERRAIN PENETRATION AREA
- PART 77 SURFACE ROAD PENETRATION
- ROAD PENETRATION CONTINUES BEYOND APPROACH SURFACE
- —RSS— REIL SITING SURFACE

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

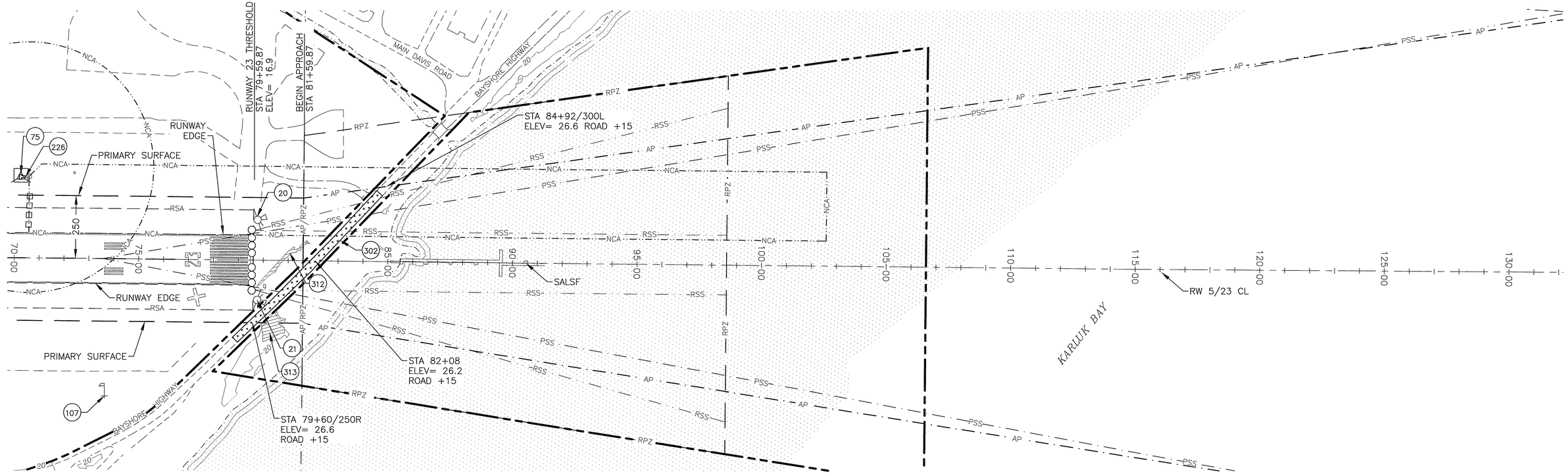
ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

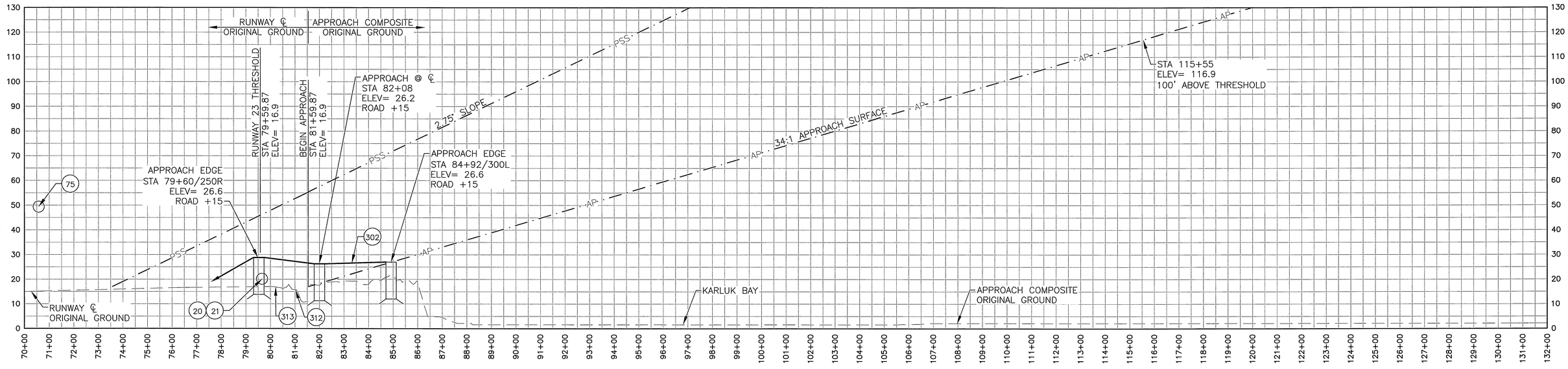
EXISTING INNER PORTION OF THE APPROACH SURFACE – RUNWAY 23

DATE: AUGUST 2015
SHEET: 7 OF 26

Designed By: TLC
Drawn By: RKB
Checked By: JRB

Date Plotted: 8/06/2015, 1:27 PM
Layout Name: 7-RW23 (2)
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-E-FAP.dwg





INNER APPROACH LEGEND

- (XX) OBJECT ID NUMBER
- PART 77 SURFACE TERRAIN PENETRATION AREA
- PART 77 SURFACE ROAD PENETRATION
- ROAD PENETRATION CONTINUES BEYOND APPROACH SURFACE
- —RSS— REIL SITING SURFACE

NOTE:

1. CONTOUR INTERVAL 20'
2. REFER TO DEPARTURES & APPROACH SITING SURFACE DRAWING RW 23
3. REFER TO AIRPORT AIRSPACE, 14 CFR, PART 77 DATA TABLES.
4. SEE AIRPORT AIRSPACE, 14 CFR, PART 77 FOR OBSTRUCTIONS BEYOND THIS DRAWING EXTENTS
5. CONTROLLING OBSTRUCTION = ROAD +15 @ STA 81+58/44R ELEV= 26.0 SLOPE 1:1

MAG. DEC. = 05°32'36"E 2014

200 100 0' 200 400
HORIZONTAL:VERTICAL SCALE = 1:10

BY	DATE	REVISION

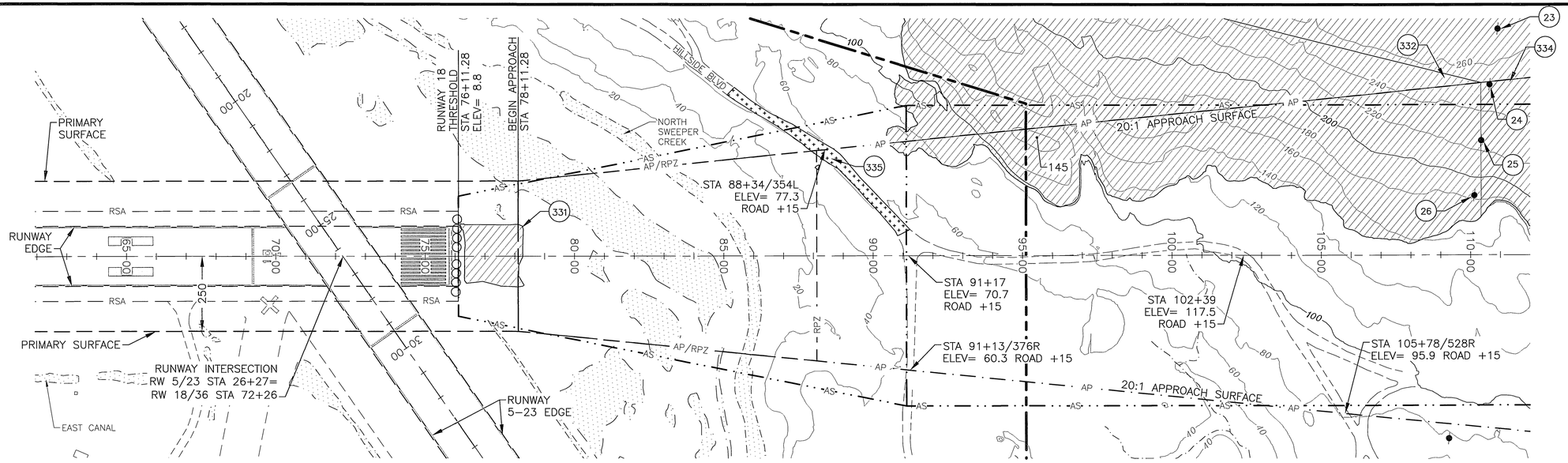
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

NEAR-TERM INNER PORTION OF THE APPROACH SURFACE – RUNWAY 23

DATE: AUGUST 2015
SHEET: 7A OF 26

Designed By:
Drawn By:
Checked By:
Date Plotted: 8/06/2015, 1:14 PM
Layout Name: 7A-RW23
File Name: [N:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-NT-P&P.dwg]



INNER APPROACH LEGEND

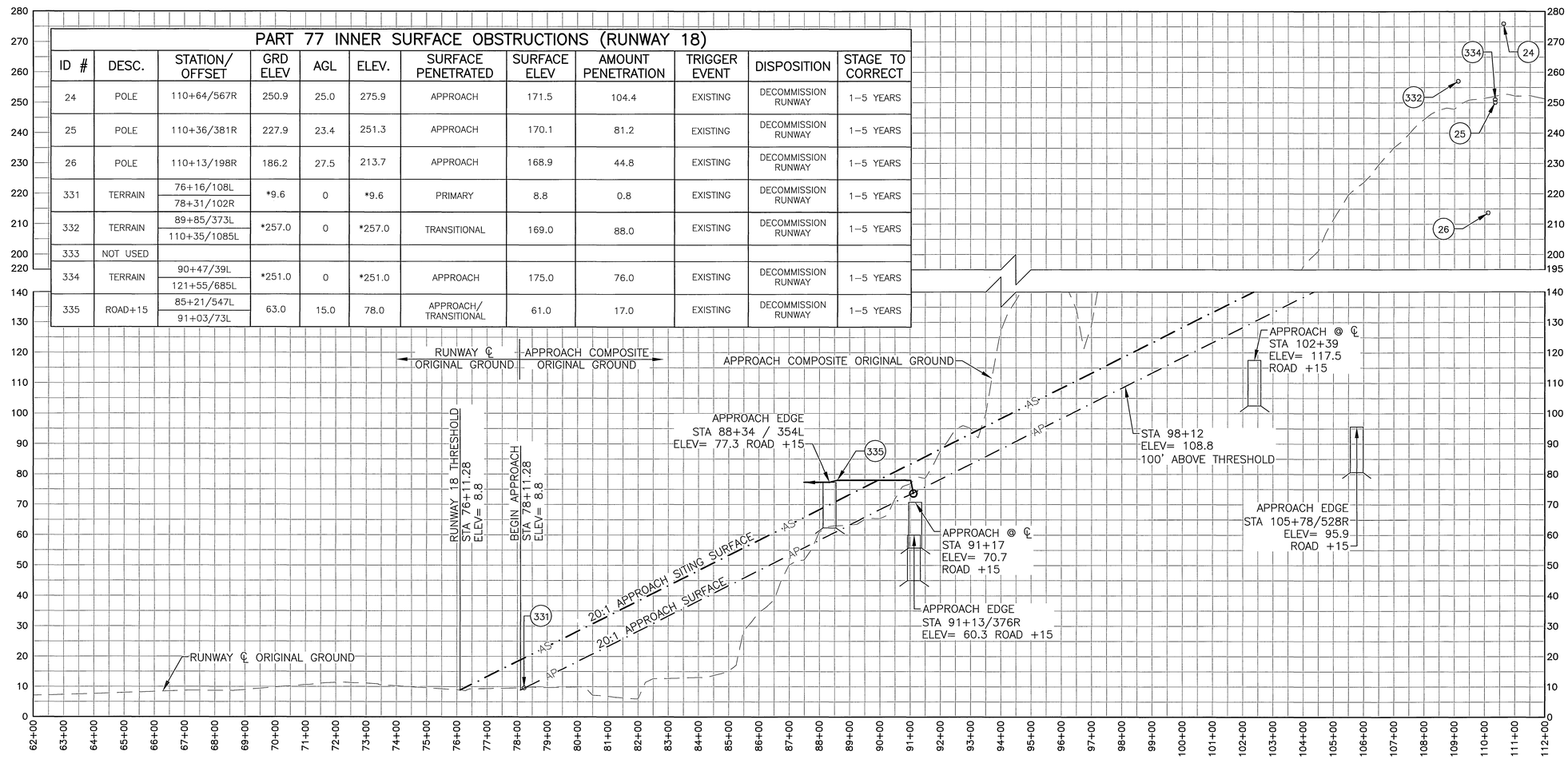
- XX — OBJECT ID NUMBER
- PART 77 SURFACE TERRAIN PENETRATION AREA
- PART 77 SURFACE ROAD PENETRATION
- ROAD PENETRATION CONTINUES BEYOND APPROACH SURFACE

NOTE:

1. CONTOUR INTERVAL 20'
2. APPROACH END RW 18 EXPECTED TO SERVE LARGE AIRPLANES (VISUAL DAY/NIGHT) APPROACH SITING SURFACE BEGINS @ THRESHOLD 400 x 1,500 x 8,500 x 20:1
3. CONTROLLING OBSTRUCTION = HILL @ STA 95+00/383L ELEV= 144 SLOPE 12:1

PART 77 INNER SURFACE OBSTRUCTIONS (RUNWAY 18)

ID #	DESC.	STATION/ OFFSET	GRD ELEV	AGL	ELEV.	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
24	POLE	110+64/567R	250.9	25.0	275.9	APPROACH	171.5	104.4	EXISTING	DECOMMISSION RUNWAY	1–5 YEARS
25	POLE	110+36/381R	227.9	23.4	251.3	APPROACH	170.1	81.2	EXISTING	DECOMMISSION RUNWAY	1–5 YEARS
26	POLE	110+13/198R	186.2	27.5	213.7	APPROACH	168.9	44.8	EXISTING	DECOMMISSION RUNWAY	1–5 YEARS
331	TERRAIN	76+16/108L 78+31/102R	*9.6	0	*9.6	PRIMARY	8.8	0.8	EXISTING	DECOMMISSION RUNWAY	1–5 YEARS
332	TERRAIN	89+85/373L 110+35/1085L	*257.0	0	*257.0	TRANSITIONAL	169.0	88.0	EXISTING	DECOMMISSION RUNWAY	1–5 YEARS
333	NOT USED										
334	TERRAIN	90+47/39L 121+55/685L	*251.0	0	*251.0	APPROACH	175.0	76.0	EXISTING	DECOMMISSION RUNWAY	1–5 YEARS
335	ROAD+15	85+21/547L 91+03/73L	63.0	15.0	78.0	APPROACH/ TRANSITIONAL	61.0	17.0	EXISTING	DECOMMISSION RUNWAY	1–5 YEARS



200 100 0' 200 400
HORIZONTAL:VERTICAL SCALE = 1:10

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

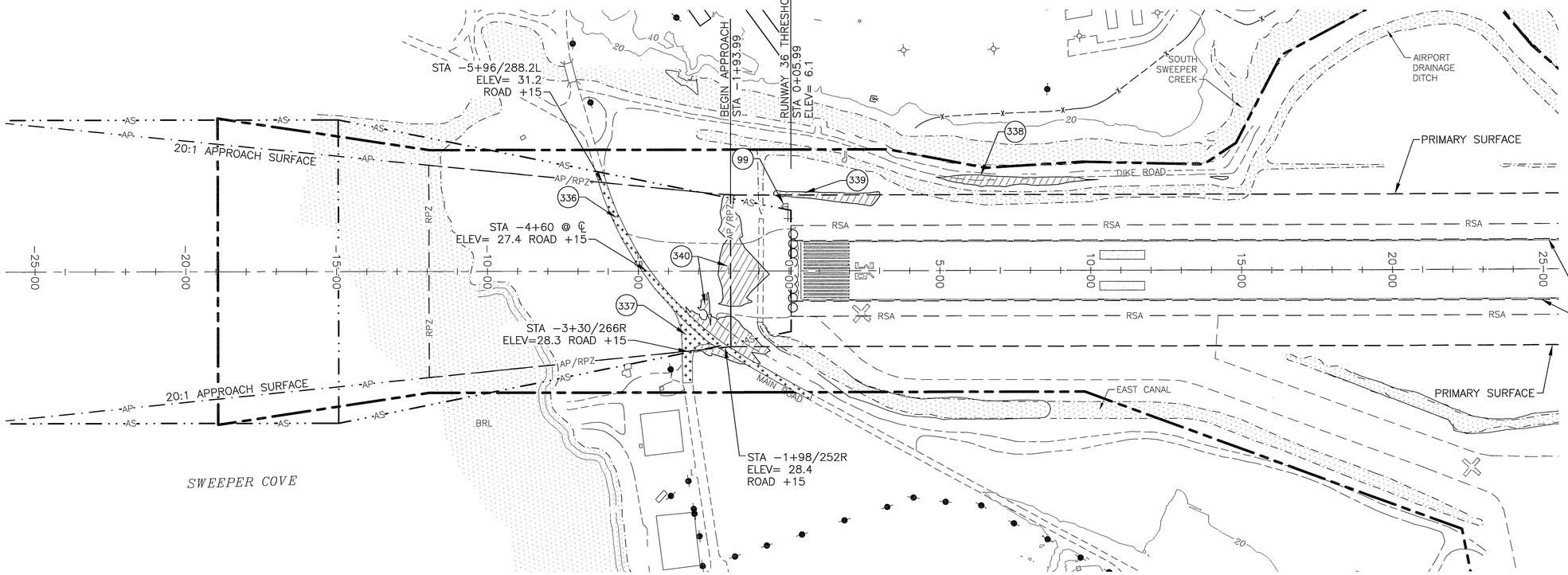
ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

EXISTING INNER PORTION OF THE APPROACH SURFACE - RUNWAY 18

DATE: AUGUST 2015
SHEET: 8 OF 26

Designed By: TLC
Drawn By: RKB
Checked By: JRB

Date Plotted: 8/06/2015, 1:12 PM
Layout Name: 8-RW18
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-E-P2P-18-36.dwg



INNER APPROACH LEGEND

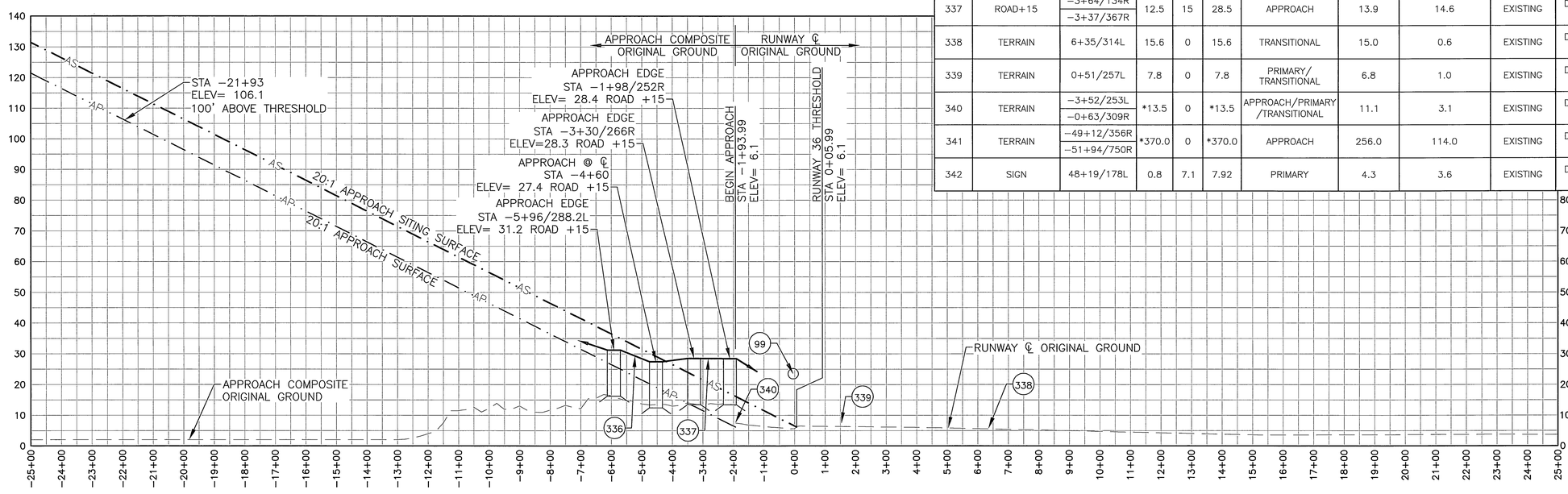
- (XX) OBJECT ID NUMBER
- PART 77 SURFACE TERRAIN PENETRATION AREA
- PART 77 SURFACE ROAD PENETRATION
- ROAD PENETRATION CONTINUES BEYOND APPROACH SURFACE

NOTE:

1. CONTOUR INTERVAL 20'
2. APPROACH END RW 36 EXPECTED TO SERVE LARGE AIRPLANES (VISUAL DAY/NIGHT) APPROACH SITING SURFACE BEGINS @ THRESHOLD 400 x 1,500 x 8,500 x 20:1
3. CONTROLLING OBSTRUCTION = HILL @ STA -51+94/637R ELEV= 360 SLOPE 14:1

PART 77 INNER SURFACE OBSTRUCTIONS TABLE (RUNWAY 36)

ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
99	WIND CONE	-0+04/172L	5.3	18.2	23.5	PRIMARY	6.2	17.3	EXISTING	DECOMMISSION RUNWAY	1-5 YEARS
336	ROAD+15	0+69/422R -6+29/325L	12.2	15	28.2	APPROACH	20.1	8.1	EXISTING	DECOMMISSION RUNWAY	1-5 YEARS
337	ROAD+15	-3+64/134R -3+37/367R	12.5	15	28.5	APPROACH	13.9	14.6	EXISTING	DECOMMISSION RUNWAY	1-5 YEARS
338	TERRAIN	6+35/314L	15.6	0	15.6	TRANSITIONAL	15.0	0.6	EXISTING	DECOMMISSION RUNWAY	1-5 YEARS
339	TERRAIN	0+51/257L	7.8	0	7.8	PRIMARY/ TRANSITIONAL	6.8	1.0	EXISTING	DECOMMISSION RUNWAY	1-5 YEARS
340	TERRAIN	-3+52/253L -0+63/309R	*13.5	0	*13.5	APPROACH/PRIMARY /TRANSITIONAL	11.1	3.1	EXISTING	DECOMMISSION RUNWAY	1-5 YEARS
341	TERRAIN	-49+12/356R -51+94/750R	*370.0	0	*370.0	APPROACH	256.0	114.0	EXISTING	DECOMMISSION RUNWAY	1-5 YEARS
342	SIGN	48+19/178L	0.8	7.1	7.92	PRIMARY	4.3	3.6	EXISTING	DECOMMISSION RUNWAY	1-5 YEARS



200 100 0' 200 400
HORIZONTAL:VERTICAL SCALE = 1:10

BY	DATE	REVISION

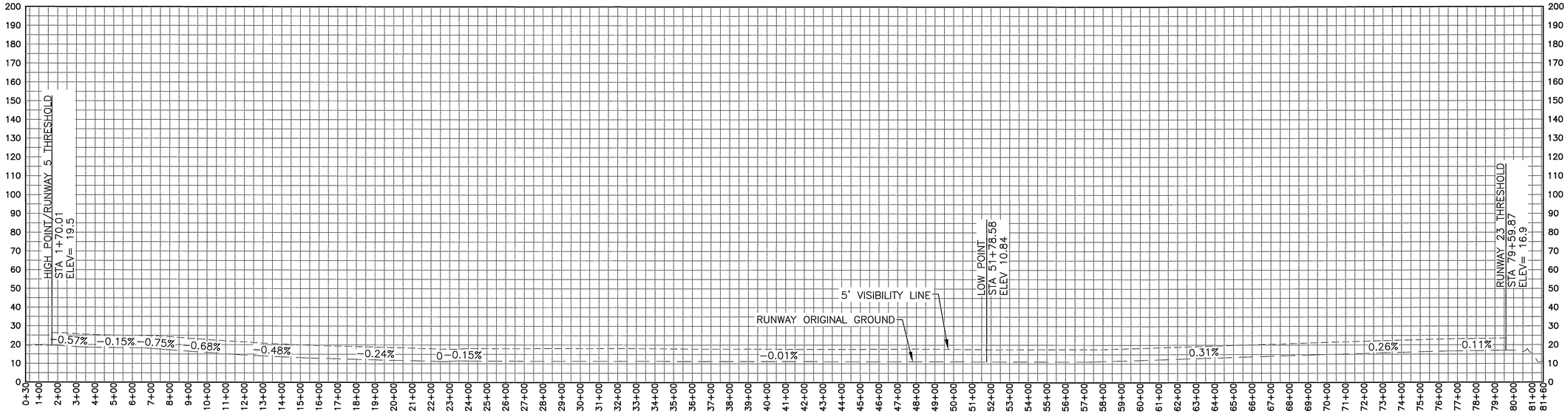
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

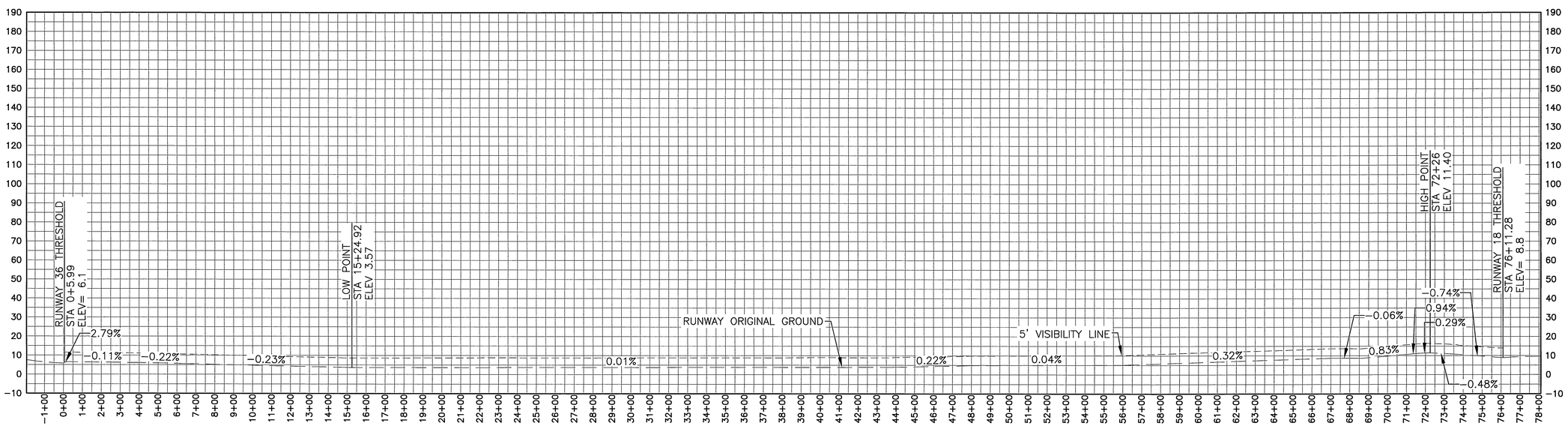
EXISTING INNER PORTION OF THE APPROACH SURFACE - RUNWAY 36

DATE: AUGUST 2015
SHEET: 9 OF 26

Designed By: TLC
Drawn By: RKB
Checked By: JRB
Date Plotted: 8/06/2015, 1:12 PM
Layout Name: 9-RW36
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-E-P&P-18-36.dwg



RUNWAY 5–23 CENTERLINE PROFILE



RUNWAY 18–36 CENTERLINE PROFILE

NOTE:

1. RUNWAY LAYOUT INFORMATION IS NOT AVAILABLE. RUNWAY ℄ GRADES WERE DETERMINED BY SAMPLING AS-BUILT SURVEY POINTS.
2. NO DESIGNATED END RSA(S) ON EXISTING RUNWAYS.

300 150 0' 300 600

HORIZONTAL:VERTICAL SCALE = 1:10

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

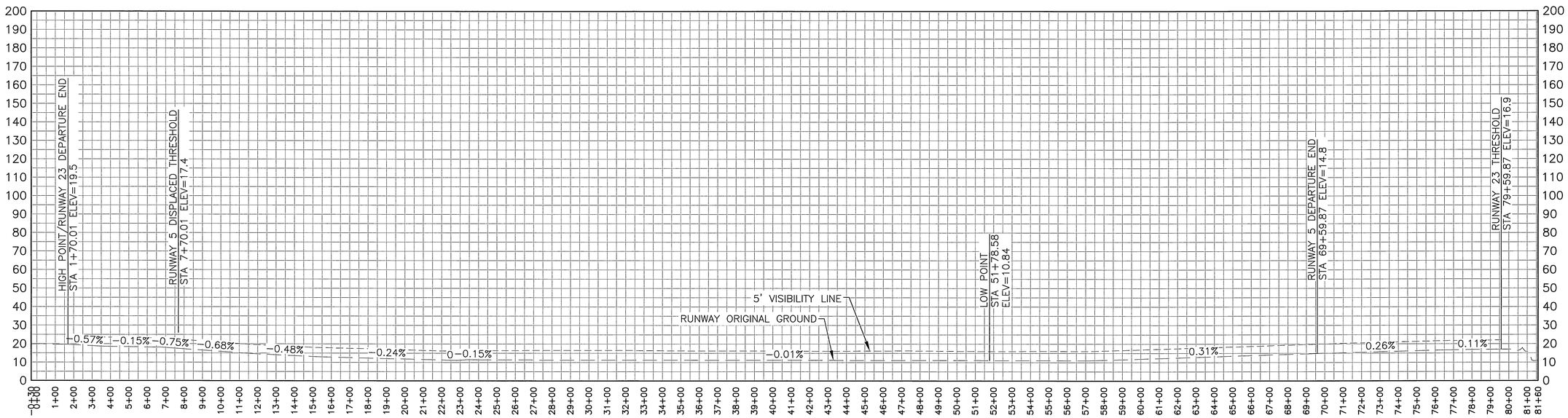
EXISTING RUNWAY CENTERLINE PROFILES

DATE: AUGUST 2015

SHEET: 10 OF 26

Designed By: TLC
Drawn By: RKB
Checked By: JRB

Date Plotted: 8/06/2015, 1:26 PM
Layout Name: 10-PROFILES
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-E-P&P.dwg



RUNWAY 5–23 CENTERLINE PROFILE

NOTE:

1. RUNWAY LAYOUT INFORMATION IS NOT AVAILABLE. RUNWAY ℄ GRADES WERE DETERMINED BY SAMPLING AS–BUILT SURVEY POINTS.

200 100 0' 200 400
HORIZONTAL:VERTICAL SCALE = 1:10

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

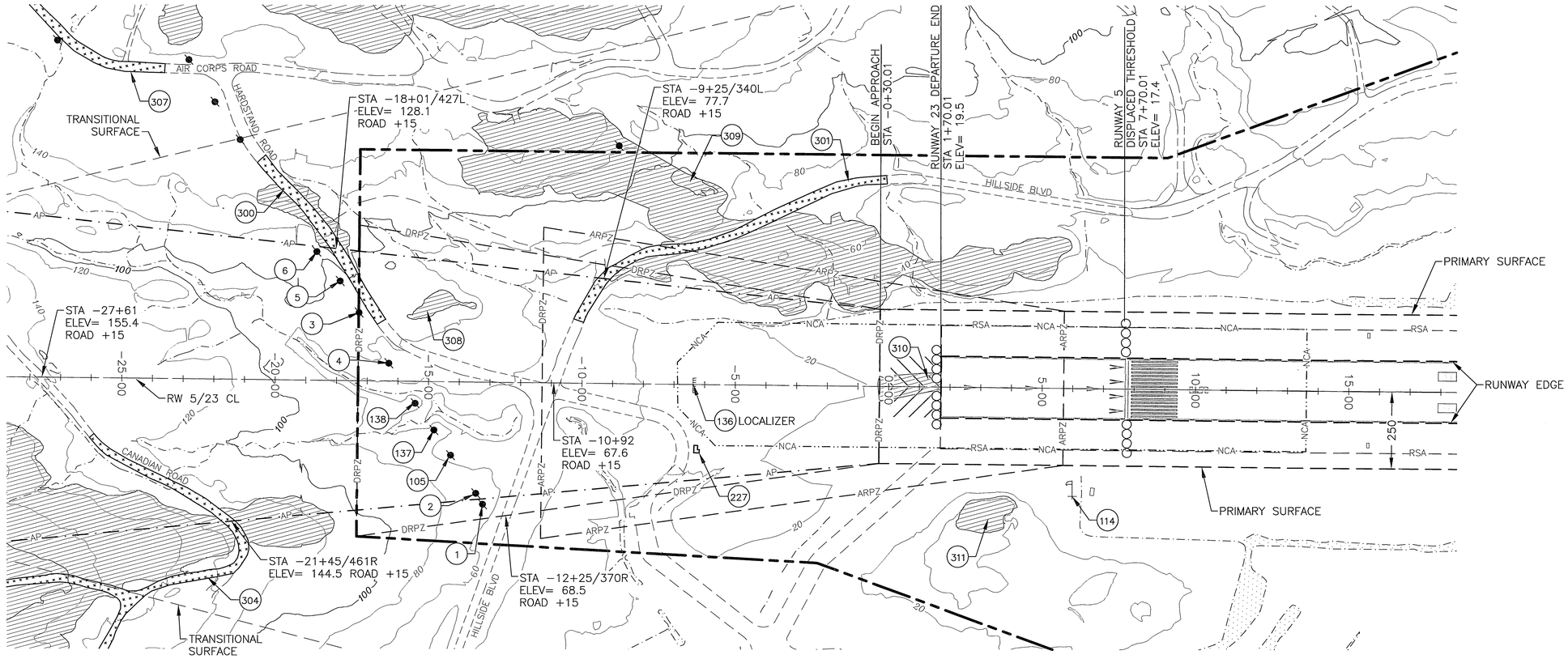
ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

NEAR-TERM RUNWAY
CENTERLINE PROFILE

DATE: AUGUST 2015
SHEET: 10A OF 26

Designed By:
Drawn By:
Checked By:

Date Plotted: 8/06/2015, 1:13 PM
Layout Name: 10A PROFILES
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-NT-P&P.dwg

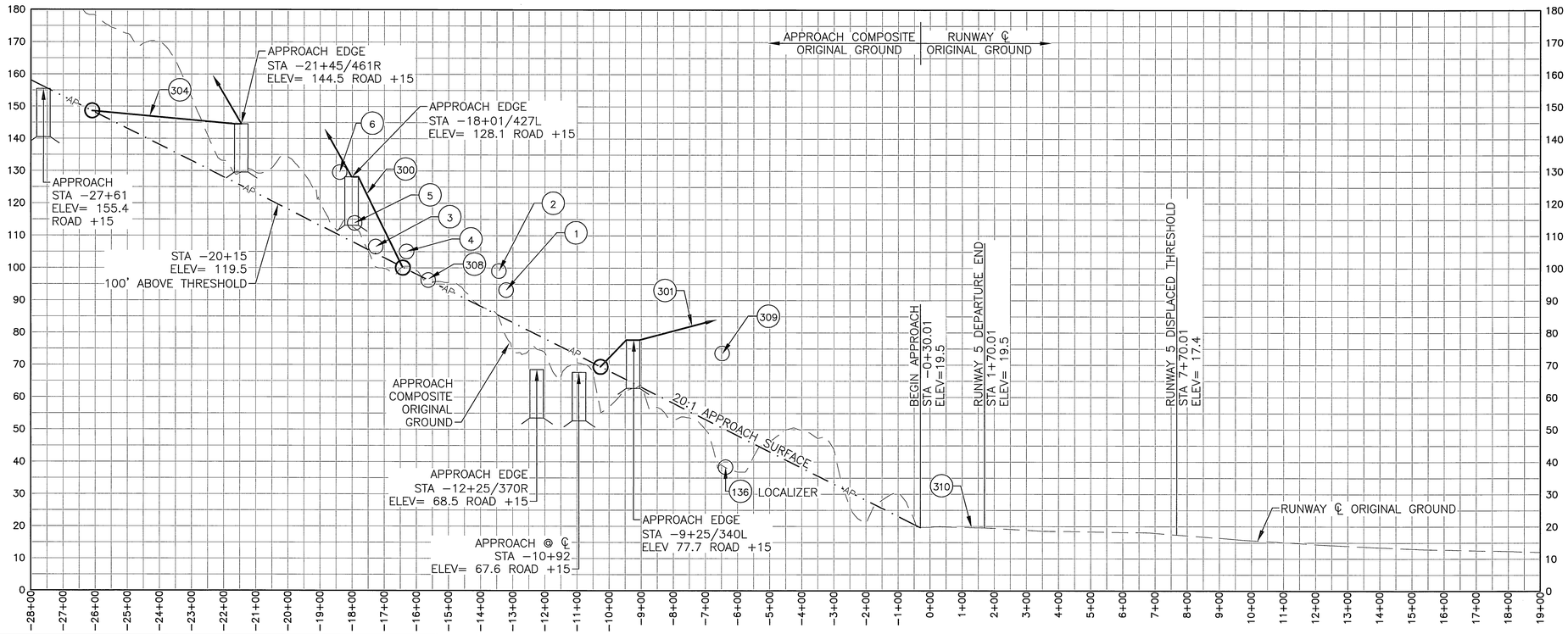


INNER APPROACH LEGEND

- (XX) OBJECT ID NUMBER
- PART 77 SURFACE TERRAIN PENETRATION AREA
- PART 77 SURFACE ROAD PENETRATION
- ROAD PENETRATION CONTINUES BEYOND APPROACH SURFACE

NOTE:

1. CONTOUR INTERVAL 20'
2. REFER TO DEPARTURE, APPROACH SITING SURFACE DRAWING RW 5
3. REFER TO PART 77 OBSTRUCTION DATA TABLES ON SHEETS 24–25
4. SEE AIRPORT AIRSPACE DRAWING FOR PART 77 OBSTRUCTIONS BEYOND THIS DRAWING EXTENTS
5. CONTROLLING OBSTRUCTION = TOWER @ STA −13+61/396R, ELEV = 413, SLOPE = 11:1



200 100 0' 200 400
HORIZONTAL:VERTICAL SCALE = 1:10

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

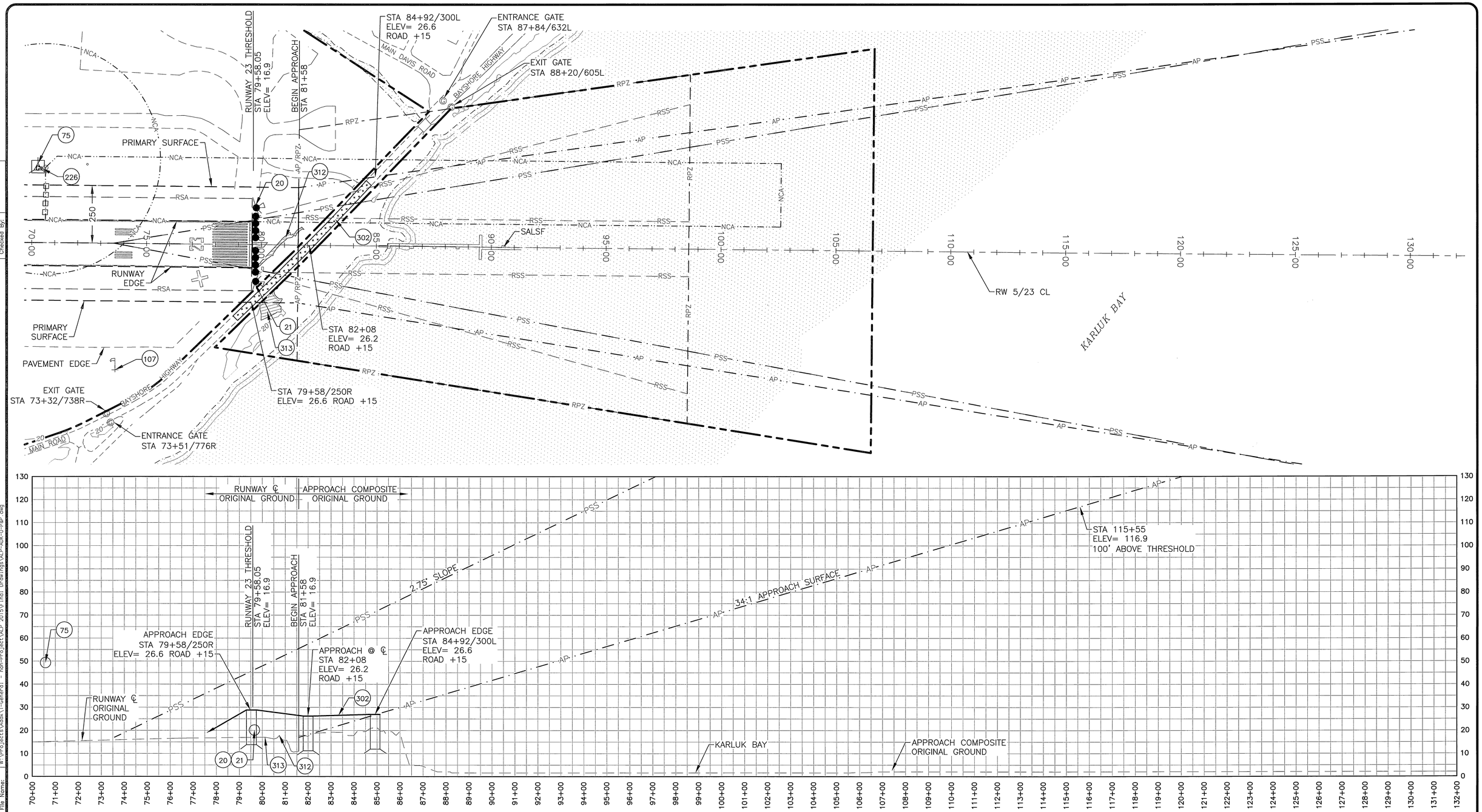
ULTIMATE INNER PORTION OF THE APPROACH SURFACE – RUNWAY 5

DATE: AUGUST 2015

SHEET: 11 OF 26

Designed By:
Drawn By:
Checked By:

Date Plotted: 8/06/2015, 1:08 PM
Layout Name: 11-RW5
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-U-P&P.dwg



INNER APPROACH LEGEND

- XX — OBJECT ID NUMBER
- PART 77 SURFACE TERRAIN PENETRATION AREA
- PART 77 SURFACE ROAD PENETRATION
- ROAD PENETRATION CONTINUES BEYOND APPROACH SURFACE
- — —RSS — — REIL SITING SURFACE

NOTES:

1. CONTOUR INTERVAL 20'
2. REFER TO DEPARTURE, APPROACH SITING SURFACE DRAWING
3. REFER TO PART 77 OBSTRUCTION DATA TABLES ON SHEETS 24–25
4. SEE AIRPORT AIRSPACE DRAWING FOR PART 77 OBSTRUCTIONS BEYOND THIS DRAWING EXTENTS
5. CONTROLLING OBSTRUCTION = ROAD+15@ STA 81+58/44R, ELEV= 26.0, SLOPE = 1:1

MAG. DEC. = 00°32'36"E 2014

200 100 0' 200 400
HORIZONTAL:VERTICAL SCALE = 1:10

BY	DATE	REVISION

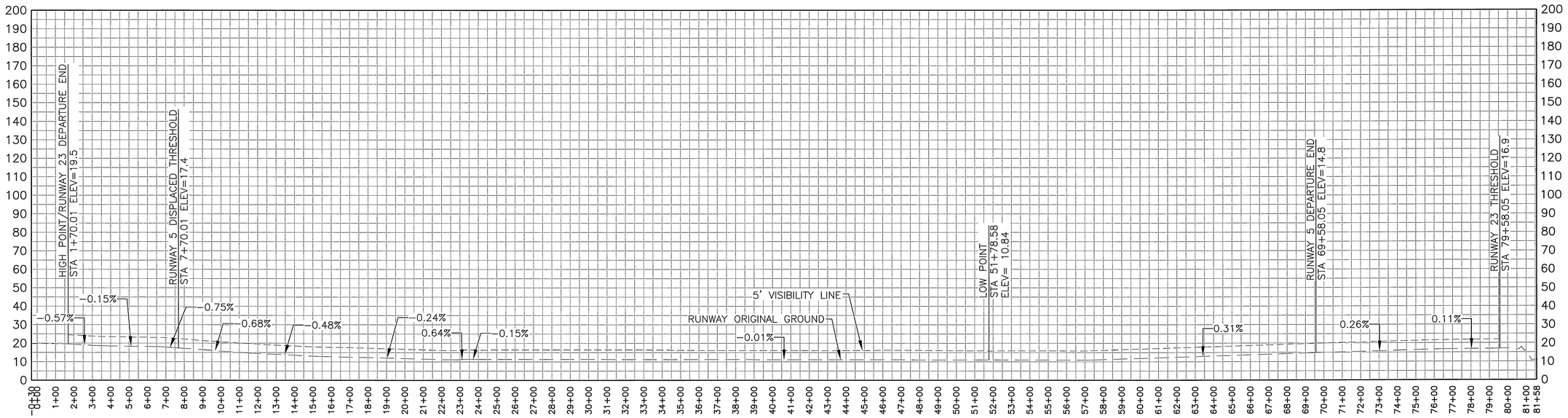
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

ULTIMATE INNER PORTION OF THE APPROACH SURFACE – RUNWAY 23

DATE: AUGUST 2015
SHEET: 12 OF 26

Designed By:
Drawn By:
Checked By:
Date Plotted: 8/06/2015, 1:03 PM
Layout Name: 12-Rw23
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-U-P&P.dwg



RUNWAY 5–23 CENTERLINE PROFILE

NOTE:

1. RUNWAY LAYOUT INFORMATION IS NOT AVAILABLE. RUNWAY ℄ GRADES WERE DETERMINED BY SAMPLING AS–BUILT SURVEY POINTS.

200 100 0' 200 400

HORIZONTAL:VERTICAL SCALE = 1:10

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

ULTIMATE RUNWAY CENTERLINE PROFILES

DATE: AUGUST 2015

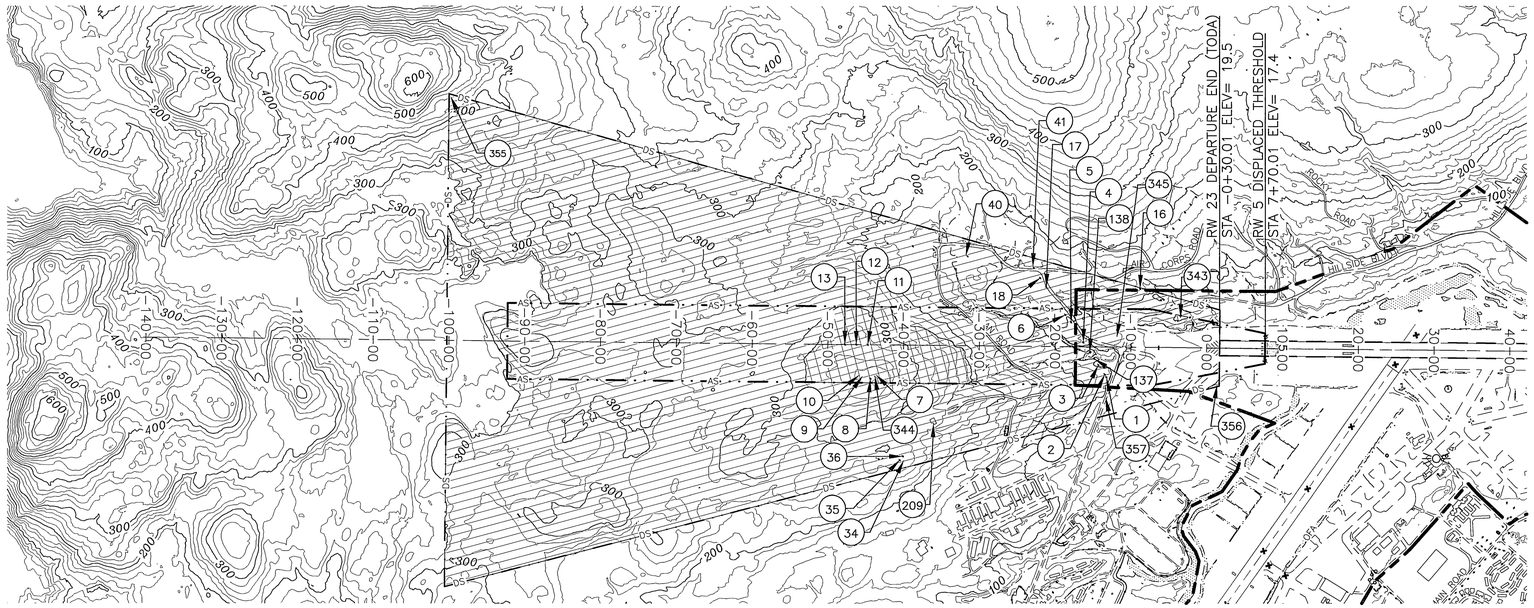
SHEET: 13 OF 26

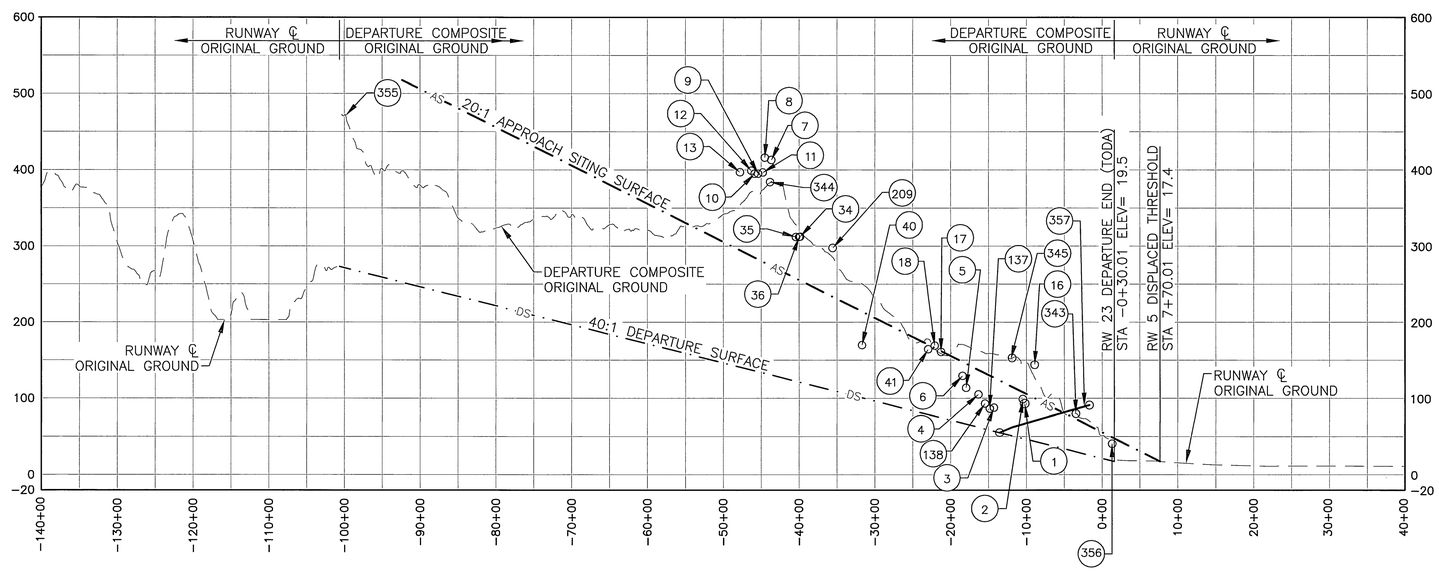
Designed By:
Drawn By:
Checked By:

Date Plotted: 8/06/2015, 12:59 PM
Layout Name: 13-PROFILE
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-U-P&P.dwg

DEPARTURE & SITING SURFACE LEGEND

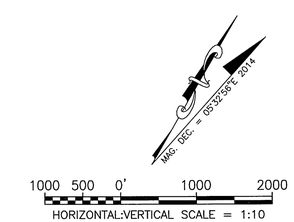
- AIRPORT PROPERTY LINE
- AS — APPROACH SITING SURFACE
- APPROACH SITING SURFACE TERRAIN PENETRATION
- DS — DEPARTURE SURFACE
- DEPARTURE SURFACE TERRAIN PENETRATION
- XX — OBJECT ID NUMBER





NOTE:

1. CONTOUR INTERVAL 20'
2. APPROACH END OF RUNWAY 5 EXPECTED TO SERVE LARGE AIRPLANES (VISUAL DAY/NIGHT) APPROACH SITING SURFACE BEGINS @ DISPLACED THRESHOLD
   400 X 1,000 X 1,500 X 8,500 X 20:1
3. DEPARTURE SURFACE FOR RW 23 BEGINS @ RUNWAY END (TODA) 1,000 X 6,466 X 10,200 X 40:1
4. REFER TO APPROACH SITING AND DEPARTURE OBSTACLE TABLES ON SHEET 16



BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

NEAR-TERM DEPARTURES & APPROACH SITING SURFACES - RUNWAY 5

DATE: AUGUST 2015

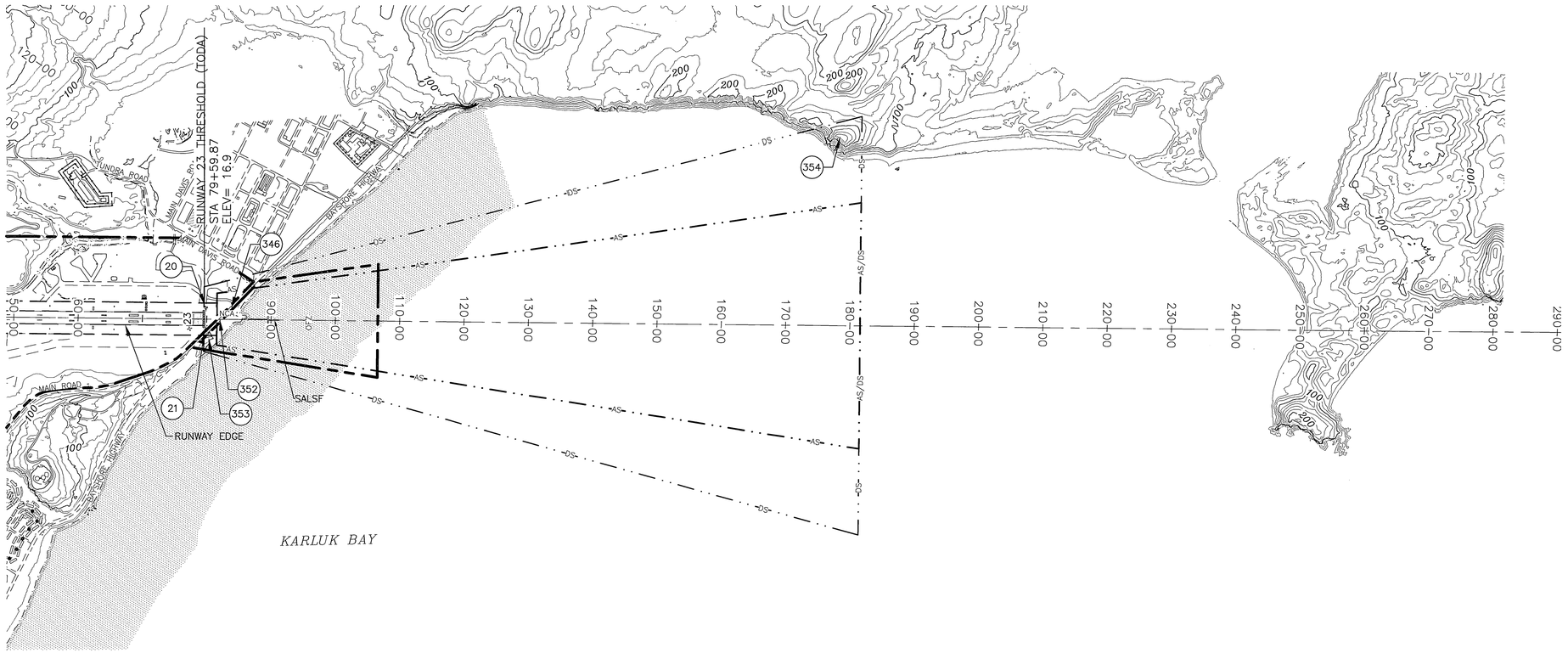
SHEET: 14 OF 26

Designed By:
Drawn By:
Checked By:

Date Plotted: 8/06/2015, 12:41 PM
Layout Name: 16-RW5
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-NT-DEPT-P&P.dwg

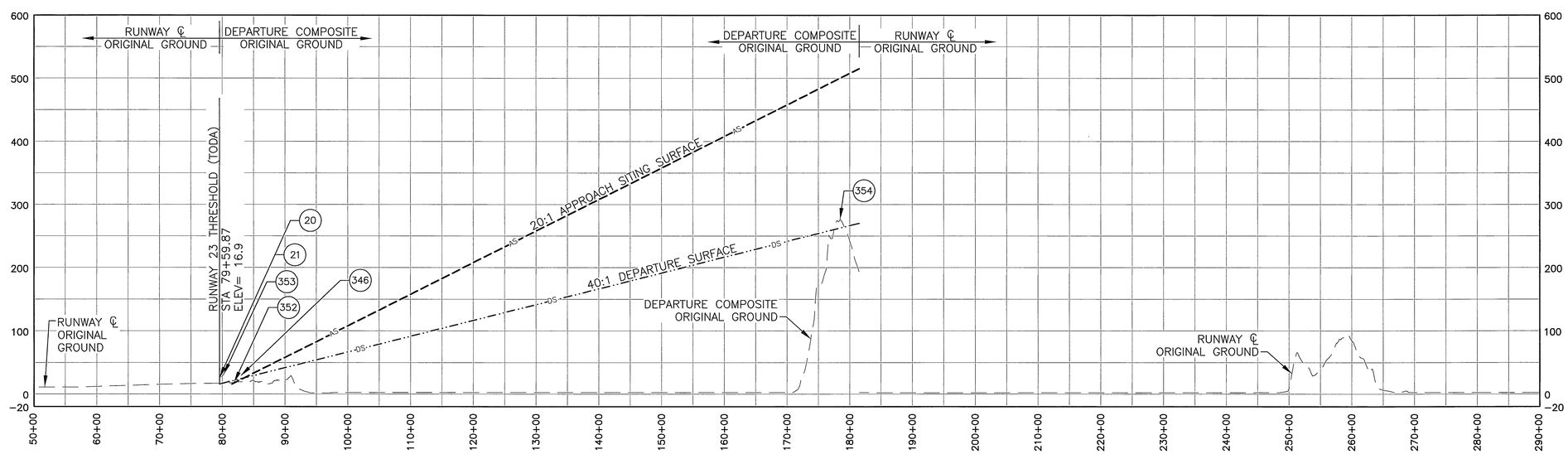
DEPARTURE & SITING SURFACE LEGEND

- AIRPORT PROPERTY LINE
- AS — APPROACH SITING SURFACE
- DS — DEPARTURE SURFACE
- XX — OBJECT ID NUMBER



NOTE:

1. CONTOUR INTERVAL 20'
2. APPROACH END OF RUNWAY 23 EXPECTED TO ACCOMMODATE INSTRUMENT APPROACHES HAVING VISIBILITY MINIMUMS GREATER THAN OR EQUAL TO 3/4 BUT LESS THAN 1 STATUE MILE, DAY OR NIGHT. APPROACH SURFACE BEGINS 200' OUTBOARD OF THRESHOLD 800 X 3,800 X 10,000 X 20:1
3. DEPARTURE SURFACE FOR RW 5 BEGINS @ RUNWAY END (TODA) 1,000 X 6,466 X 10,200 X 40:1
4. REFER TO APPROACH SITING AND DEPARTURE OBSTACLE TABLES ON SHEET 16



1000 500 0' 1000 2000

HORIZONTAL:VERTICAL SCALE = 1:10

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

NEAR-TERM DEPARTURE & APPROACH SITING SURFACES - RUNWAY 23

DATE: AUGUST 2015

SHEET: 15 OF 26

Designed By:
Drawn By:
Checked By:

Date Plotted: 8/06/2015, 12:41 PM
Layout Name: 17-RW23
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-NT-DEPT-PAP.dwg

APPROACH SITING SURFACE OBSTACLES (RUNWAY 5)

ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
7	TOWER	−43+61/396R	378.7	34.2	412.9	APPROACH SITING	273.9	139.0	EXISTING	TO REMAIN	
8	POLE	−44+35/444R	377.5	38.6	416.1	APPROACH SITING	277.6	138.5	EXISTING	TO REMAIN	
9	RADAR DOME	−45+37/413R	366.7	28.4	395.1	APPROACH SITING	282.7	112.4	EXISTING	TO REMAIN	
10	DME ANTENNA	−45+82/402R	366.3	28.8	395.1	APPROACH SITING	285.0	110.1	EXISTING	TO REMAIN	
11	NDB TOWER	−44+75/0	327.0	70.0	397.0	APPROACH SITING	279.6	117.4	EXISTING	TO REMAIN	
12	NDB SHELTER	−46+25/0	327.0	70.0	397.0	APPROACH SITING	287.1	109.9	EXISTING	TO REMAIN	
13	NDB TOWER	−47+75/0	327.0	70.0	397.0	APPROACH SITING	294.6	102.4	EXISTING	TO REMAIN	
343	TERRAIN	−3+48/392L	79.0	0	79.0	APPROACH SITING	73.0	6.0	EXISTING	TO REMAIN	
344	TERRAIN	−30+43/500L −53+12/500R	*384.0	0	*384.0	APPROACH SITING	274.0	110.0	EXISTING	TO REMAIN	
345	ROAD +15	−6+56/446L −5+66/467L	76.0	15.0	91.0	APPROACH SITING	84.0	7.0	EXISTING	TO REMAIN	

APPROACH SITING SURFACE OBSTACLES (RUNWAY 23)

ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
346	ROAD +15	81+60/57R 83+50/130L	11.0	15.0	26.0	APPROACH SITING	20.0	6.0	EXISTING	TO REMAIN	

OFZ PENTRATIONS (RUNWAY 5/23)

ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
347	TERRAIN (RUNWAY SURFACE)	−0+30/45L 1+70/40R	19.8	0	19.8	OFZ	19.5	0.3	EXISTING	TO REMAIN	
348	TERRAIN (RUNWAY SURFACE)	9+50/0 12+50/85R	16.0	0	16.0	OFZ	14.9	1.1	EXISTING	TO REMAIN	
349	TERRAIN (RUNWAY SURFACE)	14+25/0 16+00/55L	13.2	0	13.2	OFZ	12.9	0.3	EXISTING	TO REMAIN	
350	TERRAIN	79+58/68L 81+58/200R	*19.4	0	*19.4	OFZ	16.9	2.5	EXISTING	TO REMAIN	
351	ROAD+15	80+06/200R 89+37/762L	11.5	15.0	26.5	OFZ	16.9	9.6	EXISTING	TO REMAIN	

* HIGHEST FEATURE IN A LARGE AREA OF TERRAIN PENETRATION. REFER TO HATCHED AREAS ON MAP.

DEPARTURE SURFACE OBSTACLES (RUNWAY 5)

ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
20	REIL LIGHT	79+67/119R	15.4	4.7	20.1	DEPARTURE	16.9	3.2	EXISTING	TO REMAIN	
21	REIL LIGHT	79+66/119L	15.6	4.5	20.1	DEPARTURE	16.9	3.2	EXISTING	TO REMAIN	
352	ROAD +15	79+58/252R 83+31/110L	11.0	15.0	26.0	DEPARTURE	23.0	3.0	EXISTING	TO REMAIN	
353	TERRAIN	79+60/201R 81+08/482R	*31.0	0	*31.0	DEPARTURE	18.0	13.0	EXISTING	TO REMAIN	
354	TERRAIN	178+50/2918L	276.0	0	276.0	DEPARTURE	265.0	11.0	EXISTING	TO REMAIN	

DEPARTURE SURFACE OBSTACLES (RUNWAY 23)

	ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
	1	POLE	−13+20/396R	65.2	27.9	93.1	DEPARTURE	56.7	36.4	EXISTING	TO REMAIN	
	2	POLE	−13+43/361R	69.9	29.1	99.0	DEPARTURE	57.3	41.7	EXISTING	TO REMAIN	
⊛	3	POLE	−17+05/187L	81.5	25	106.5	DEPARTURE	66.7	39.8	EXISTING	TO REMAIN	
	4	POLE	−16+30/58L	76.7	28.3	105.0	DEPARTURE	64.5	40.5	EXISTING	TO REMAIN	
	5	POLE	−17+92/322L	92.4	21.4	113.8	DEPARTURE	68.6	45.2	EXISTING	TO REMAIN	
	6	POLE	−18+39/417L	105.4	24.1	129.5	DEPARTURE	70.5	59.0	EXISTING	TO REMAIN	
	7	TACAN TOWER	−43+61/396R	378.7	34.2	412.9	DEPARTURE	132.8	280.1	EXISTING	TO REMAIN	
	8	POLE	−44+49/469R	377.5	38.6	416.1	DEPARTURE	134.6	281.5	EXISTING	TO REMAIN	
	9	RADAR DOME	−45+37/413R	366.7	28.4	395.1	DEPARTURE	137.2	257.9	EXISTING	TO REMAIN	
	10	DME ANTENNA	−45+82/402R	366.3	28.8	395.1	DEPARTURE	138.3	256.8	EXISTING	TO REMAIN	
⊛	11	NDB TOWER	−44+75/0	327.0	70.0	397.0	DEPARTURE	135.6	261.4	EXISTING	TO REMAIN	
⊛	12	NDB SHELTER	−46+25/0	327.0	70.0	397.0	DEPARTURE	139.4	257.6	EXISTING	TO REMAIN	
⊛	13	NDB TOWER	−47+75/0	327.0	70.0	397.0	DEPARTURE	143.1	253.9	EXISTING	TO REMAIN	
	16	POLE	−8+87/771L	125.9	18.2	144.1	DEPARTURE	45.9	98.2	EXISTING	TO REMAIN	
	18	POLE	−22+06/898L	150.5	18.5	169.0	DEPARTURE	78.9	90.1	EXISTING	TO REMAIN	
	34	TANK	−39+84/1512R	277.0	35.4	312.4	DEPARTURE	123.3	189.1	EXISTING	TO REMAIN	
⊛	35	TANK	−40+37/1509R	277.0	35.0	312.0	DEPARTURE	124.7	187.3	EXISTING	TO REMAIN	
⊛	36	TANK	−39+96/1460R	277.0	35.0	312.0	DEPARTURE	123.7	208.3	EXISTING	TO REMAIN	
	40	POLE	−31+67/1174L	150.7	18.9	169.6	DEPARTURE	102.9	66.7	EXISTING	TO REMAIN	
	41	POLE	−22+92/1034L	154.5	15.1	169.6	DEPARTURE	81.1	88.5	EXISTING	TO REMAIN	
	105	POLE	−14+26/239R	57.7	26.0	83.7	DEPARTURE	59.4	24.3	EXISTING	TO REMAIN	
	106	POLE	−21+22/777L	144.1	16.7	160.8	DEPARTURE	76.8	84.0	EXISTING	TO REMAIN	
	137	POLE	−14+81/157R	62.0	24.6	86.6	DEPARTURE	60.8	25.8	EXISTING	TO REMAIN	
	138	POLE	−15+43/71R	63.4	29.6	93.0	DEPARTURE	62.3	30.7	EXISTING	TO REMAIN	
	209	BUILDING	−35+54/1024R	273.9	23.1	297.0	DEPARTURE	112.6	184.4	EXISTING	TO REMAIN	
	355	TERRAIN	1+70/3233L −100+23/3233R	*471.0	0	*471.0	DEPARTURE	273.0	198.0	EXISTING	TO REMAIN	
	356	TERRAIN	1+36/485R	41.0	0	41.0	DEPARTURE	19.0	22.0	EXISTING	TO REMAIN	
	357	ROAD+15	−14+62/927R −2+89/613L	53.0	15	68.0	DEPARTURE	51.0	17.0	EXISTING	TO REMAIN	

⊛ DATA ESTIMATED

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

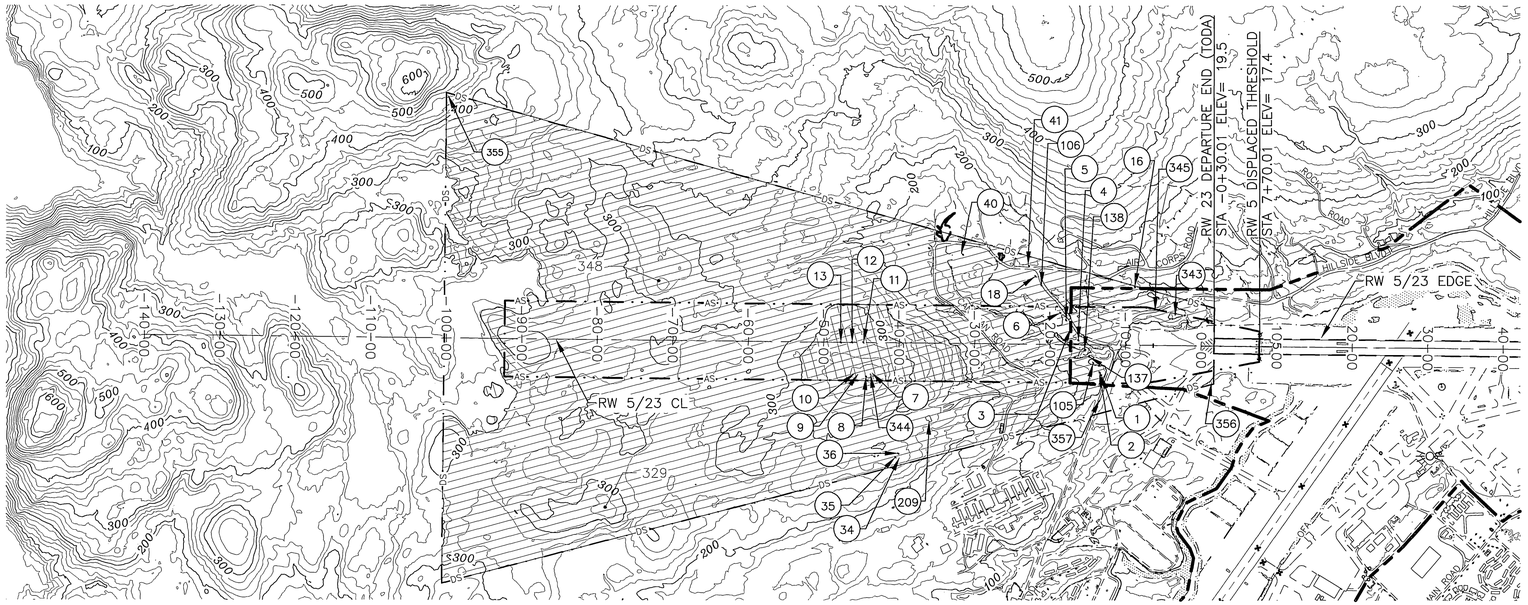
NEAR-TERM DEPARTURE, APPROACH SITING & OFZ - DATA TABLES

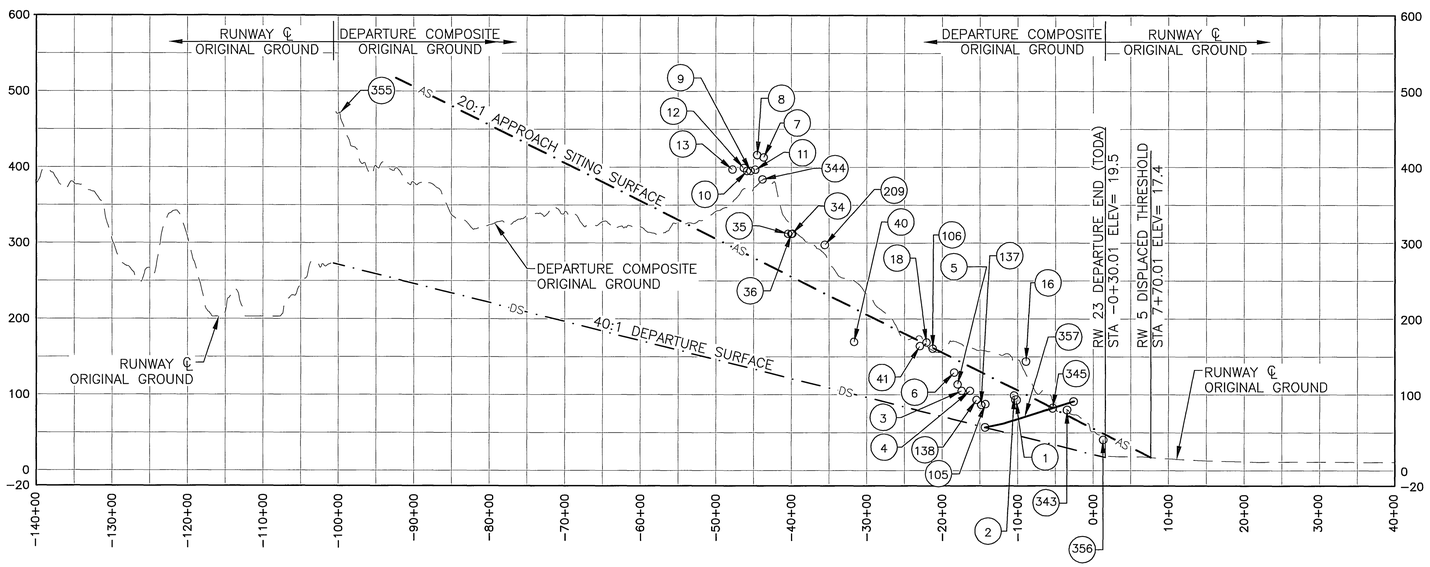
DATE: AUGUST 2015
SHEET: 16 OF 26

Designed By:
Drawn By:
Checked By:
Date Plotted: 8/06/2015, 12:41 PM
Layout Name: 18-DATA
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-NT-DEPT-P&P.dwg

DEPARTURE & SITING SURFACE LEGEND

- AIRPORT PROPERTY LINE
- AS — APPROACH SITING SURFACE
- APPROACH SITING SURFACE TERRAIN PENETRATION
- DS — DEPARTURE SURFACE
- DEPARTURE SURFACE TERRAIN PENETRATION
- XX — OBJECT ID NUMBER





NOTE:

1. CONTOUR INTERVALS SHOWN AT 20'
2. APPROACH END OF RUNWAY 5 EXPECTED TO SERVE LARGE AIRPLANES (VISUAL DAY/NIGHT) APPROACH SITING SURFACE BEGINS @ DISPLACED THRESHOLD 400 X 1,000 X 1,500 X 8,500 X 20:1
3. DEPARTURE SURFACE FOR RW 23 BEGINS @ DEPARTURE RUNWAY END (TODA) 1,000 X 6,466 X 10,200 X 40:1
4. REFER TO APPROACH SITING AND DEPARTURE OBSTACLE TABLES ON SHEET 19

1000 500 0' 1000 2000
HORIZONTAL:VERTICAL SCALE = 1:10

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

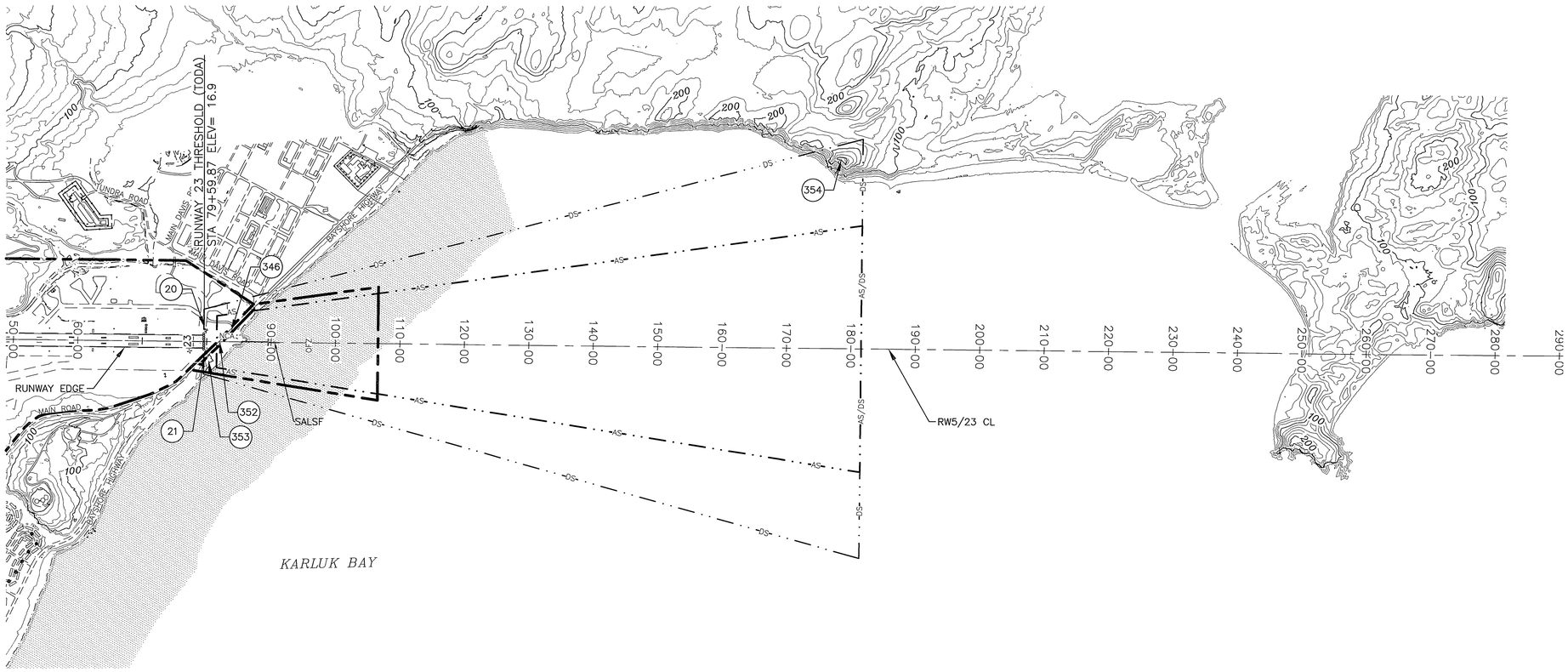
ULTIMATE DEPARTURES & APPROACH SITING SURFACES - RUNWAY 5

DATE: AUGUST 2015
SHEET: 17 OF 26

Designed By:
Drawn By:
Checked By:
Date Plotted: 8/06/2015, 12:40 PM
Layout Name: 16-RW5
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-U-DEPT-P&P.dwg

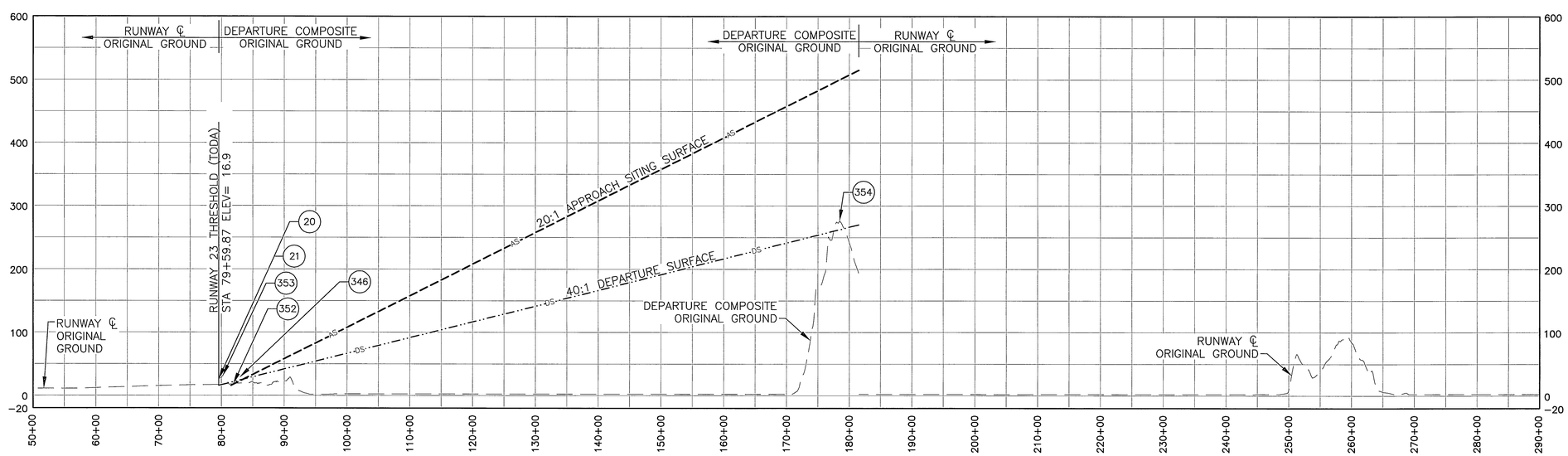
DEPARTURE & SITING SURFACE LEGEND

- AIRPORT PROPERTY LINE
- AS — APPROACH SITING SURFACE
- DS — DEPARTURE SURFACE
- (XX) OBJECT ID NUMBER



NOTE:

1. CONTOUR INTERVAL 20'
2. APPROACH END OF RUNWAY 23 EXPECTED TO ACCOMMODATE INSTRUMENT APPROACHES HAVING VISIBILITY MINIMUMS GREATER THAN OR EQUAL TO 3/4 BUT LESS THAN 1 STATUTE MILE, DAY OR NIGHT. APPROACH SURFACE BEGINS 200' OUTBOARD OF THRESHOLD 800 X 3,800 X 10,000 X 20:1
3. DEPARTURE SURFACE RUNWAY 5 @ RUNWAY END (TODA) 1,000 X 6,466 X 10,200 X 40:1
4. REFER TO APPROACH SITING AND DEPARTURE OBSTACLE TABLES ON SHEET 19



1000 500 0' 1000 2000

HORIZONTAL:VERTICAL SCALE = 1:10

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

ULTIMATE DEPARTURE & APPROACH SITING SURFACES - RUNWAY 23

DATE: AUGUST 2015

SHEET: 18 OF 26

Designed By:
Drawn By:
Checked By:

Date Plotted: 8/06/2015, 12:40 PM
Layout Name: 17-RW23
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-U-DEPT-PLP.dwg

APPROACH SITING SURFACE OBSTACLES (RUNWAY 5)

ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
7	TOWER	−43+61/396R	378.7	34.2	412.9	APPROACH SITING	273.9	139.0	EXISTING	TO REMAIN	
8	POLE	−44+35/444R	377.5	38.6	416.1	APPROACH SITING	277.6	138.5	EXISTING	TO REMAIN	
9	RADAR DOME	−45+37/413R	366.7	28.4	395.1	APPROACH SITING	282.7	112.4	EXISTING	TO REMAIN	
10	DME ANTENNA	−45+82/402R	366.3	28.8	395.1	APPROACH SITING	285.0	110.1	EXISTING	TO REMAIN	
11	NDB TOWER	−44+75/0	327.0	70.0	397.0	APPROACH SITING	279.6	117.4	EXISTING	TO REMAIN	
12	NDB SHELTER	−46+25/0	327.0	70.0	397.0	APPROACH SITING	287.1	109.9	EXISTING	TO REMAIN	
13	NDB TOWER	−47+75/0	327.0	70.0	397.0	APPROACH SITING	294.6	102.4	EXISTING	TO REMAIN	
343	TERRAIN	−3+48/392L	79.0	0	79.0	APPROACH SITING	73.0	6.0	EXISTING	TO REMAIN	
344	TERRAIN	−30+43/500L −53+12/500R	*384.0	0	*384.0	APPROACH SITING	274.0	110.0	EXISTING	TO REMAIN	
345	ROAD +15	−6+56/446L −5+66/467L	76.0	15.0	91.0	APPROACH SITING	84.0	7.0	EXISTING	TO REMAIN	

APPROACH SITING SURFACE OBSTACLES (RUNWAY 23)

ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
346	ROAD +15	81+58/57R 83+50/130L	11.0	15.0	26.0	APPROACH SITING	20.0	6.0	EXISTING	TO REMAIN	

OFZ PENTRATIONS (RUNWAY 5/23)

ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
347	TERRAIN (RUNWAY SURFACE)	−0+30/45L 1+70/40R	19.8	0	19.8	OFZ	19.5	0.3	EXISTING	TO REMAIN	
348	TERRAIN (RUNWAY SURFACE)	9+50/0 12+50/85R	16.0	0	16.0	OFZ	14.9	1.1	EXISTING	TO REMAIN	
349	TERRAIN (RUNWAY SURFACE)	14+25/0 16+00/55L	13.2	0	13.2	OFZ	12.9	0.3	EXISTING	TO REMAIN	
350	TERRAIN	79+58/68L 81+58/200R	*19.4	0	*19.4	OFZ	16.9	2.5	EXISTING	TO REMAIN	
351	ROAD+15	80+06/200R 89+37/762L	11.5	15.0	26.5	OFZ	16.9	9.6	EXISTING	TO REMAIN	

* HIGHEST FEATURE IN A LARGE AREA OF TERRAIN PENETRATION. REFER TO HATCHED AREAS ON MAP.

DEPARTURE SURFACE OBSTACLES (RUNWAY 5)

ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
20	REIL LIGHT	79+67/119R	15.4	4.7	20.1	DEPARTURE	16.9	3.2	EXISTING	TO REMAIN	
21	REIL LIGHT	79+66/119L	15.6	4.5	20.1	DEPARTURE	16.9	3.2	EXISTING	TO REMAIN	
352	ROAD +15	79+58/252R 83+31/110L	11.0	15.0	26.0	DEPARTURE	23.0	3.0	EXISTING	TO REMAIN	
353	TERRAIN	79+58/201R 81+08/482R	*31.0	0	*31.0	DEPARTURE	18.0	13.0	EXISTING	TO REMAIN	
354	TERRAIN	178+50/2918L	276.0	0	276.0	DEPARTURE	265.0	11.0	EXISTING	TO REMAIN	

DEPARTURE SURFACE OBSTACLES (RUNWAY 23)

	ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
	1	POLE	−13+20/396R	65.2	27.9	93.1	DEPARTURE	56.7	36.4	EXISTING	TO REMAIN	
	2	POLE	−13+43/361R	69.9	29.1	99.0	DEPARTURE	57.3	41.7	EXISTING	TO REMAIN	
⊛	3	POLE	−17+05/187L	81.5	25	106.5	DEPARTURE	66.7	39.8	EXISTING	TO REMAIN	
	4	POLE	−16+30/58L	76.7	28.3	105.0	DEPARTURE	64.5	40.5	EXISTING	TO REMAIN	
	5	POLE	−17+92/322L	92.4	21.4	113.8	DEPARTURE	68.6	45.2	EXISTING	TO REMAIN	
	6	POLE	−18+39/417L	105.4	24.1	129.5	DEPARTURE	70.5	59.0	EXISTING	TO REMAIN	
	7	TACAN TOWER	−43+61/396R	378.7	34.2	412.9	DEPARTURE	132.8	280.1	EXISTING	TO REMAIN	
	8	POLE	−44+49/469R	377.5	38.6	416.1	DEPARTURE	134.6	281.5	EXISTING	TO REMAIN	
	9	RADAR DOME	−45+37/413R	366.7	28.4	395.1	DEPARTURE	137.2	257.9	EXISTING	TO REMAIN	
	10	DME ANTENNA	−45+82/402R	366.3	28.8	395.1	DEPARTURE	138.3	256.8	EXISTING	TO REMAIN	
⊛	11	NDB TOWER	−44+75/0	327.0	70.0	397.0	DEPARTURE	135.6	261.4	EXISTING	TO REMAIN	
⊛	12	NDB SHELTER	−46+25/0	327.0	70.0	397.0	DEPARTURE	139.4	257.6	EXISTING	TO REMAIN	
⊛	13	NDB TOWER	−47+75/0	327.0	70.0	397.0	DEPARTURE	143.1	253.9	EXISTING	TO REMAIN	
	16	POLE	−8+87/771L	125.9	18.2	144.1	DEPARTURE	45.9	98.2	EXISTING	TO REMAIN	
	18	POLE	−22+06/898L	150.5	18.5	169.0	DEPARTURE	78.9	90.1	EXISTING	TO REMAIN	
	34	TANK	−39+84/1512R	277.0	35.4	312.4	DEPARTURE	123.3	189.1	EXISTING	TO REMAIN	
⊛	35	TANK	−40+37/1509R	277.0	35.0	312.0	DEPARTURE	124.7	187.3	EXISTING	TO REMAIN	
⊛	36	TANK	−39+96/1460R	277.0	35.0	312.0	DEPARTURE	123.7	208.3	EXISTING	TO REMAIN	
	40	POLE	−31+67/1174L	150.7	18.9	169.6	DEPARTURE	102.9	66.7	EXISTING	TO REMAIN	
	41	POLE	−22+92/1034L	154.5	15.1	169.6	DEPARTURE	81.1	88.5	EXISTING	TO REMAIN	
	105	POLE	−14+26/239R	57.7	26.0	83.7	DEPARTURE	59.4	24.3	EXISTING	TO REMAIN	
	106	POLE	−21+22/777L	144.1	16.7	160.8	DEPARTURE	76.8	84.0	EXISTING	TO REMAIN	
	137	POLE	−14+81/157R	62.0	24.6	86.6	DEPARTURE	60.8	25.8	EXISTING	TO REMAIN	
	138	POLE	−15+43/71R	63.4	29.6	93.0	DEPARTURE	62.3	30.7	EXISTING	TO REMAIN	
	209	BUILDING	−35+54/1024R	273.9	23.1	297.0	DEPARTURE	112.6	184.4	EXISTING	TO REMAIN	
	355	TERRAIN	1+70/3233L −100+23/3233R	*471.0	0	*471.0	DEPARTURE	273.0	198.0	EXISTING	TO REMAIN	
	356	TERRAIN	1+36/485R	41.0	0	41.0	DEPARTURE	19.0	22.0	EXISTING	TO REMAIN	
	357	ROAD+15	−14+62/927R −2+89/613L	53.0	15	68.0	DEPARTURE	51.0	17.0	EXISTING	TO REMAIN	

⊛ DATA ESTIMATED

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

ULTIMATE DEPARTURE, APPROACH SITING & OFZ – DATA TABLES

DATE: AUGUST 2015

Designed By:
Drawn By:
Checked By:
Date Plotted: 8/06/2015, 12:40 PM
Layout Name: 19-DEPT
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-11-DEPT-FAA.dwg

SIGNIFICANT OBJECTS

ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
100	POLE	86+71/1091L	13.6	55.4	69.0	NONE	N/A	N/A	EXISTING	TO REMAIN	
101	POLE	86+60/1130L	13.7	55.4	69.1				EXISTING	TO REMAIN	
102	POLE	86+49/1170L	13.7	55.5	69.2				EXISTING	TO REMAIN	
103	POLE	82+89/1039L	14.3	36.6	50.9				EXISTING	TO REMAIN	
104	POLE	86+71/1082L	13.5	57.6	71.1				EXISTING	TO REMAIN	
105	POLE	−14+26/239R	57.7	26.0	83.7				EXISTING	TO REMAIN	
106	POLE	−21+22/777L	144.1	16.7	160.8				EXISTING	TO REMAIN	
(*) 107	WIND CONE	73+59/556R	12	8	20				EXISTING	TO REMAIN	
108	NOT USED										
109	POLE	55+85/807L	10.6	12.1	22.7				EXISTING	TO REMAIN	
110	POLE	51+09/1616L	60.8	37.1	97.9				EXISTING	TO REMAIN	
111	POLE	49+81/1391L	69.6	28.1	97.7				EXISTING	TO REMAIN	
112	POLE	48+77/1300L	72.7	4.7	77.4				EXISTING	TO REMAIN	
113	LIGHTED WIND CONE	31+93/506R	14.5	19.3	33.8				EXISTING	LIGHTED	
114	WIND CONE	6+01/350R	14.2	17.8	32.0				EXISTING	TO REMAIN	
(*) 115	ROTATING BEACON	30+45/1425R	15.3	30	45.3						
116	NOT USED										
117	NOT USED										
118	POLE	−27+21/1093L	149.1	15.2	164.3				EXISTING	TO REMAIN	
119	NOT USED										
120	SIGN	9+92/3139R	7.6	4.4	12.0				EXISTING	TO REMAIN	
121	POLE	−21+23/4086R	52.0	24.9	76.9				EXISTING	TO REMAIN	
122	POLE	−17+44/5508R	5.5	17.1	22.6				EXISTING	TO REMAIN	
123	POLE	−23+90/5763R	44.0	23.6	67.6				EXISTING	TO REMAIN	
124	POLE	−18+21/5391R	25.6	21.3	46.9				EXISTING	TO REMAIN	
125	POLE	−7+63/6390R	16.1	48.1	64.2				EXISTING	TO REMAIN	
126	POLE	−7+99/6508R	15.7	38.0	53.7				EXISTING	TO REMAIN	
127	POLE	−8+32/6618R	11.8	38.4	50.2				EXISTING	TO REMAIN	
128	POLE	−8+65/6721R	8.8	39.7	48.5				EXISTING	TO REMAIN	
129	POLE	−9+53/6681R	10.0	39.2	49.2				EXISTING	TO REMAIN	
130	POLE	−83+04/10015R	263.2	28.4	291.6				EXISTING	TO REMAIN	
131	POLE	−81+35/10143R	250.0	25.0	275.0				EXISTING	TO REMAIN	
132	POLE	−79+70/10262R	228.2	24.3	252.5				EXISTING	TO REMAIN	
133	POLE	−77+48/10429R	202.9	26.1	229.0				EXISTING	TO REMAIN	
134	NOT USED										
135	POLE	45+75/1108L	56.7	37.0	93.7				EXISTING	TO REMAIN	
136	LOCALIZER	−6+34/2L	31.8	6.5	38.3				EXISTING	TO REMAIN	
137	POLE	−14+81/157R	62.0	24.6	86.6				EXISTING	TO REMAIN	
138	POLE	−15+43/71R	63.4	29.6	93.0				EXISTING	TO REMAIN	
139	POLE	−84+31/9923R	278.7	28.0	306.7				EXISTING	TO REMAIN	
140	ELECTRICAL EQUIPMENT	39+50/479R	11.4	7.1	18.5	NONE	N/A	N/A	EXISTING	TO REMAIN	

(*) DATA ESTIMATED

NOTE:

1. STATION AND OFFSET BASED ON RUNWAY 5−23
2. ITEMS IN THIS TABLE WERE IDENTIFIED IN THE AERONAUTICAL SURVEY AS SAFETY CRITICAL OBJECTS BUT DO NOT PENETRATE ANY PART 77, AC 50/5300−13A DESIGN OR SITING SURFACES. ONLY OBJECTS WITHIN THE APPROACH SURFACE FOOTPRINTS ARE LABELED ON THE PLANS

BUILDINGS

NO.	DESCRIPTION	STA & OFFSET	ELEV	STATUS	OBSTRUCTION LIGHT
200	BUILDING	46+13/1316L	79.0	UNKNOWN	NOT REQUIRED
201	CONTROL TOWER & OPERATIONS	27+47/1163R	75.4	NON−OP	LIGHTED
202	OMD HANGER	20+49/2396R	71.2	IN SERVICE	LIGHTED
203	HOUSING	−13+58/2844R	75.0 (EST)	IN SERVICE	NOT REQUIRED
204	NOT USED				
205	NOT USED				
206	DORMITORY	−23+30/5665R	63.3	UNKNOWN	NOT REQUIRED
207	NOT USED				
208	DORMITORY	−20+31/5545R	54.6	UNKNOWN	NOT REQUIRED
209	BUILDING	−35+54/1024R	297.0	UNKNOWN	
210	BERING BARRACKS COMPLEX	−29+91/1919L	170.2	NON−OP	
211	CHURCH	−33+88/2296R	183.5	UNKNOWN	
212	BUILDING	−41+44/2457R	181.6	UNKNOWN	
213	BUILDING	−37+37/2752R	224.9	UNKNOWN	
214	BUILDING	25+85/7328L	452.9	UNKNOWN	
215	BUILDING	37+82/6985L	410.2	UNKNOWN	
216	BUILDING	39+62/6799L	441.1	UNKNOWN	
217	BUILDING	41+60/7005L	431.2	UNKNOWN	
218	BUILDING	42+52/6864L	424.9	UNKNOWN	
219	BUILDING	42+83/6697L	431.9	UNKNOWN	
220	AIR TERMINAL	9+79/4305R	UNKNOWN	IN SERVICE	LIGHTED
221	FUEL STORAGE	11+87/3765R	UNKNOWN	NON−OP	
222	VP HANGER	17+24/3110R	UNKNOWN	IN SERVICE	LIGHTED
223	ARFF STATION	29+94/1505R	UNKNOWN	IN SERVICE	NOT REQUIRED
224	BALLOON LAUNCH BUILDING	32+42/1265R	UNKNOWN	NON−OP	NOT REQUIRED
(*) 225	APPROACH LIGHTING CONTROL BLDG	80+06/103R	UNKNOWN	IN SERVICE	NOT REQUIRED
(*) 226	GLIDE SLOPE & AWOS SHELTER	70+37/315L	21.0	IN SERVICE	LIGHTED
(*) 227	LOCALIZER SHELTER	−6+14/218R	34.6	IN SERVICE	NOT REQUIRED
228	YAKATAT HANGER	−5+83/1420R	UNKNOWN	UNKNOWN	
229	POWER PLANT #3	−15+64/2295R	UNKNOWN	IN SERVICE	
230	NOT USED				
231	BIRCHWOOD BARRACKS COMPLEX	32+97/2009R	UNKNOWN	NON−OP	
232	HOSPITAL	29+08/2687R	UNKNOWN	NON−OP	
233	STEAM PLANT	32+32/2430R	UNKNOWN	IN SERVICE	
234	MEDICAL CLINIC	29+78/3714R	UNKNOWN	UNKNOWN	
235	RECREATION CENTER	26+72/3970R	UNKNOWN	UNKNOWN	
236	PERSONNEL SUPPORT CENTER	29+97/4357R	UNKNOWN	UNKNOWN	
237	HIGH SCHOOL & CITY ADMIN	16+85/4967R	UNKNOWN	UNKNOWN	
238	ELEMENTRY SCHOOL	22+05/5265R	UNKNOWN	IN SERVICE	
239	PUBLIC WORKS	20+93/6103R	UNKNOWN	INSERVICE	
240	SEWAGE TREATMENT FACILITY	33+58/7333R	UNKNOWN	INSERVICE	

NOTES:

1. SOME BUILDINGS ARE NOT LOCATED WITHIN THE TERMINAL AREA.
2. REFER TO SIGNIFICANT OBJECT TABLE FOR OBJECTS THAT ARE NOT PENETRATIONS.
3. REFER TO SURFACE PENETRATION TABLES FOR BUILDING PENETRATION DATA.
4. STATIONS/OFFSETS IN THIS TABLE ARE BASED ON RUNWAY 5/23.

Designed By:
Drawn By:
Checked By:
Date Plotted: 8/06/2015, 12:40 PM
Layout Name: 19-DATA
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-U-DEPT-P&P.dwg

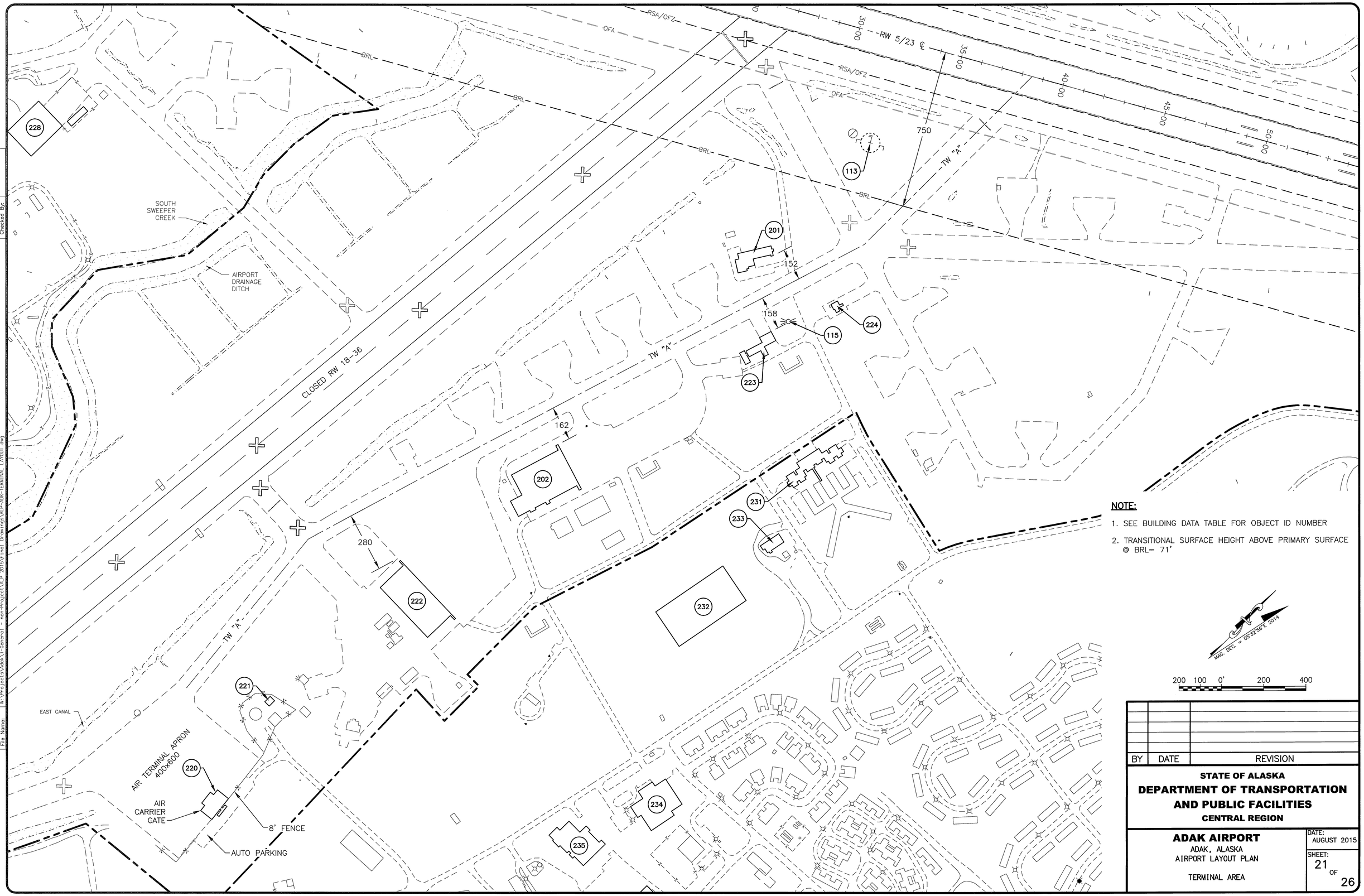
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

SIGNIFICANT OBJECTS & BUILDING TABLES

DATE: AUGUST 2015



NOTE:

1. SEE BUILDING DATA TABLE FOR OBJECT ID NUMBER
2. TRANSITIONAL SURFACE HEIGHT ABOVE PRIMARY SURFACE @ BRL= 71'

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

TERMINAL AREA

DATE: AUGUST 2015

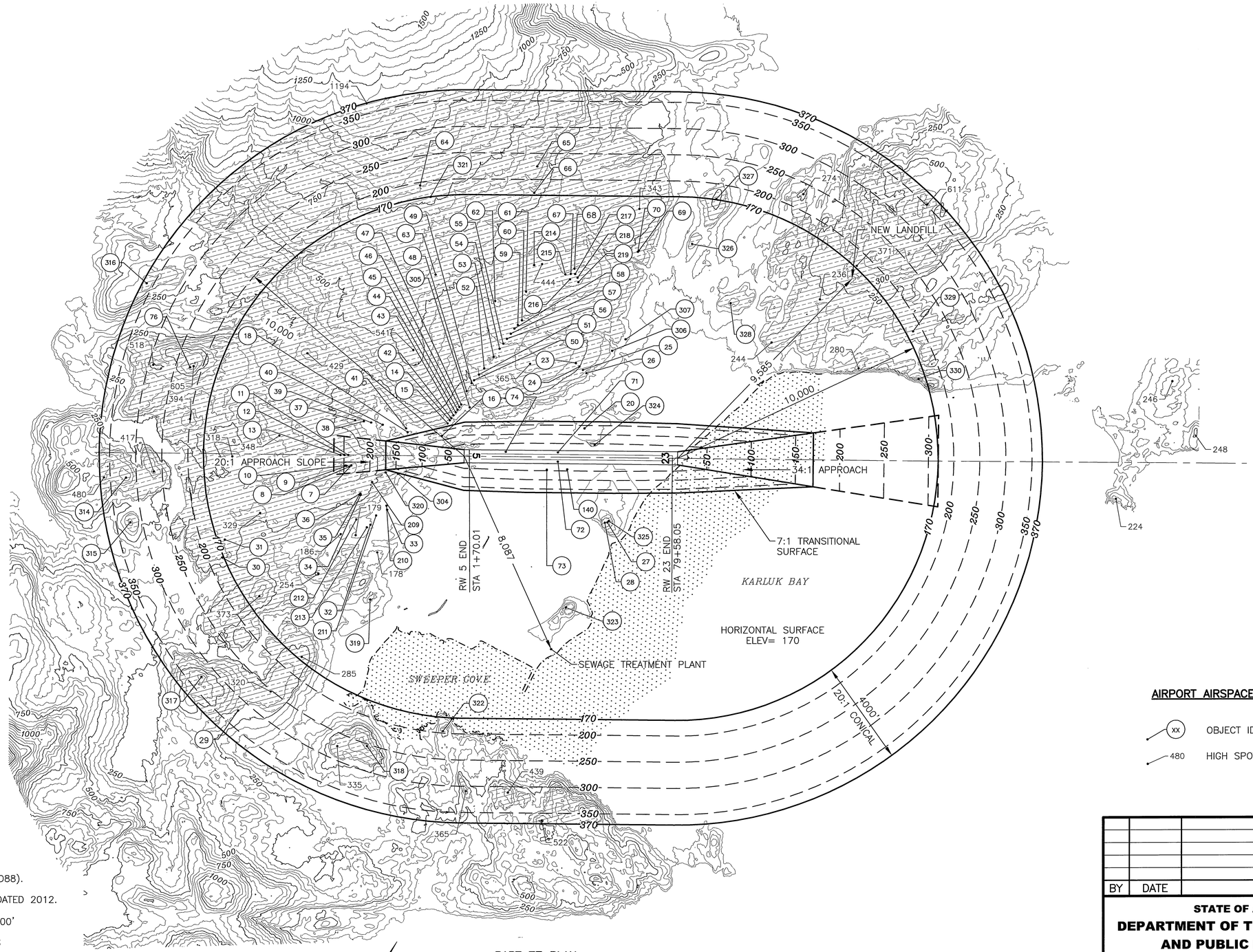
SHEET: 21 OF 26

Designed By: 18
Drawn By:
Checked By:

Date Plotted: 8/06/2015, 12:40 PM
Layout Name: 20-TERM
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-TERMINAL LAYOUT.dwg

Designed By:
Drawn By:
Checked By:

Date Plotted: 8/06/2015, 12:39 PM
Layout Name: 19-P77
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-PART 77.dwg



AIRPORT AIRSPACE LEGEND:

- (XX) OBJECT ID NUMBER
- 480 HIGH SPOT ELEVATION

NOTES:

1. AIRPORT ELEVATION IS 20' (SURVEYED) (NAVD88).
2. MAPPING BASED ON AERONAUTICAL SURVEY DATED 2012.
3. PRIMARY SURFACE WIDTH RUNWAY 5/23 = 500'
4. THERE ARE NO KNOWN HEIGHT RESTRICTIONS
5. CONTOUR INTERVAL 50'
6. REFER TO INNER PORTION OF THE APPROACH DRAWINGS FOR CLOSE IN OBSTRUCTIONS
7. SEE PART 77 SURFACE OBSTRUCTION DATA ON SHTS 24–25

MAG. DEC. = 03°32'56" E 2014

PART 77 PLAN

2000 1000 0' 2000 4000

ULTIMATE APPROACH SURFACE DIMENSIONS	
RUNWAY 5	500 X 1,500 X 5,000 X 20:1
RUNWAY 23	500 X 3,500 X 10,000 X 34:1

APPROACH SURFACES BEGIN 200' OUTBOARD OF RUNWAY ENDS

BY	DATE	REVISION

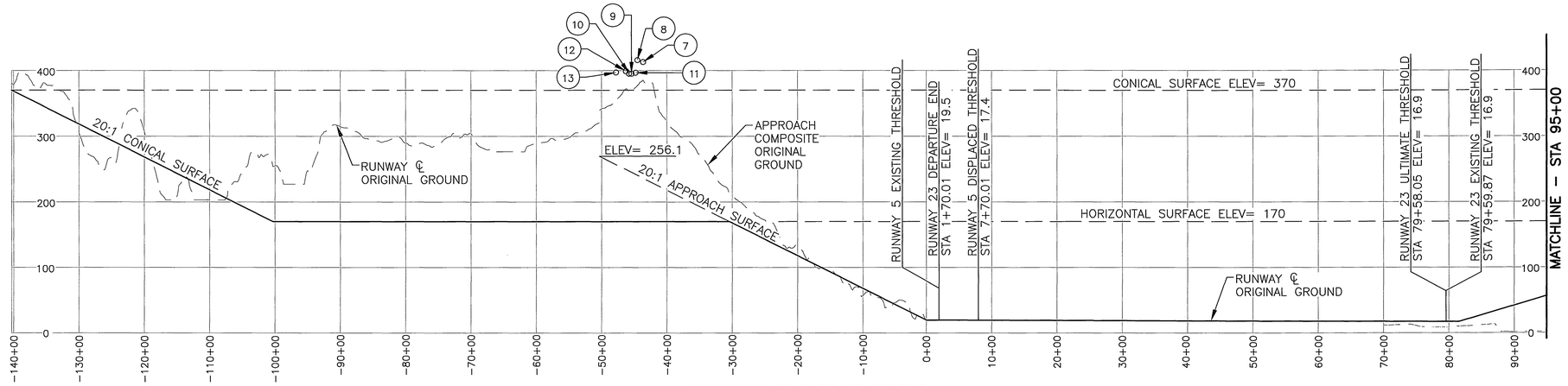
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

AIRPORT AIRSPACE, 14 CFR, PART 77

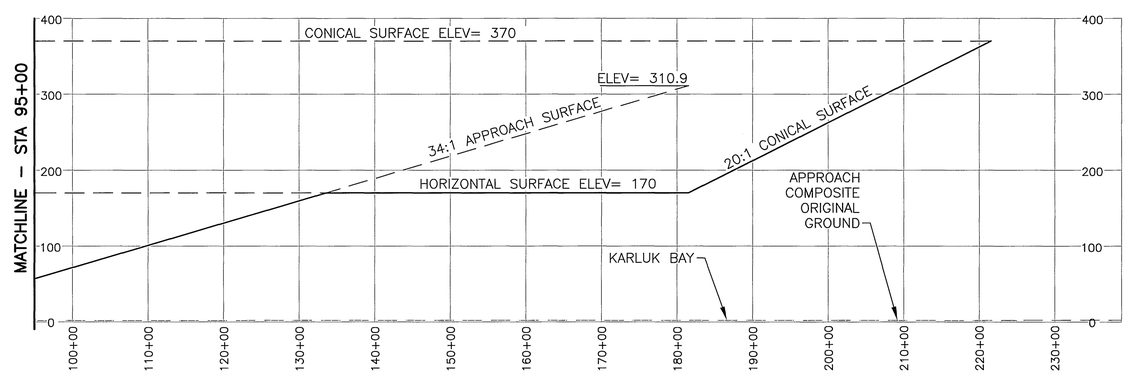
DATE: AUGUST 2015

SHEET: 22 OF 26



RUNWAY 5–23 PART 77 PROFILE
STA –140+29.99 TO STA 95+00

1000 500 0' 1000 2000
HORIZONTAL: VERTICAL = 1" = 100'



RUNWAY 5–23 PART 77 PROFILE
STA 95+00 TO STA 330+00

1000 500 0' 1000 2000
HORIZONTAL: VERTICAL = 1" = 100'

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

AIRPORT AIRSPACE, 14 CFR, PART 77
RUNWAY 23 APPROACH

DATE: AUGUST 2015
SHEET: 23 OF 26

Designed By:
Drawn By:
Checked By:

Date Plotted: 8/06/2015, 12:39 PM
Layout Name: 22-PF77
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-PART 77.dwg

PART 77 SURFACE OBSTRUCTIONS

ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
1	POLE	−13+20/396R	65.2	27.9	93.1	TRANSITIONAL	86.5	6.6	EXISTING	TO REMAIN	
2	POLE	−13+43/361R	69.9	29.1	99.0	RW 5 APPROACH	85.1	13.9	EXISTING	TO REMAIN	
(*) 3	POLE	−17+05/187L	81.5	25	106.5	RW 5 APPROACH	103.3	3.2	EXISTING	TO REMAIN	
4	POLE	−16+30/58L	76.7	28.3	105.0	RW 5 APPROACH	99.5	5.5	EXISTING	TO REMAIN	
5	POLE	−17+92/322L	92.4	21.4	113.8	RW 5 APPROACH	107.6	6.2	EXISTING	TO REMAIN	
6	POLE	−18+39/417L	105.4	24.1	129.5	RW 5 APPROACH	111.4	18.1	EXISTING	TO REMAIN	
7	TACAN TOWER	−43+61/396R	378.7	34.2	412.9	HORIZONTAL	170.0	242.9	EXISTING	TO REMAIN	
8	POLE	−44+35/444R	377.5	38.6	416.1	HORIZONTAL	170.0	246.1	EXISTING	TO REMAIN	
9	RADAR DOME	−45+37/413R	366.7	28.4	395.1	HORIZONTAL	170.0	225.1	EXISTING	TO REMAIN	
10	DME ANTENNA	−45+82/402R	366.3	28.8	395.1	HORIZONTAL	170.0	225.1	EXISTING	TO REMAIN	
(*) 11	NDB TOWER	−44+75/0	327.0	70.0	397.0	HORIZONTAL	170.0	227.0	EXISTING	TO REMAIN	
(*) 12	NDB SHELTER	−46+25/0	327.0	70.0	397.0	HORIZONTAL	170.0	327.0	EXISTING	TO REMAIN	
(*) 13	NDB TOWER	−47+75/0	327.0	70.0	397.0	HORIZONTAL	170.0	327.0	EXISTING	TO REMAIN	
14	POLE	−5+93/1369L	163.4	9.4	172.8	HORIZONTAL	170.0	2.8	EXISTING	TO REMAIN	
15	POLE	−6+79/1247L	160.2	16.9	177.1	HORIZONTAL	170.0	7.1	EXISTING	TO REMAIN	
16	POLE	−8+87/771L	125.9	18.2	144.1	TRANSITIONAL	124.5	19.6	EXISTING	TO REMAIN	
17	NOT USED										
18	POLE	−22+06/898L	150.5	18.5	169.0	HORIZONTAL	170.0	1 ^	EXISTING	TO REMAIN	
19	NOT USED										
20	REIL	79+67/119L	15.4	4.7	20.1	PRIMARY	16.9	3.2	EXISTING	FRANGIBLE	
21	REIL	79+66/119R	15.6	4.5	20.1	PRIMARY	16.9	3.2	EXISTING	FRANGIBLE	
22	NOT USED										
23	POLE	42+19/3604L	270.2	24.5	294.7	HORIZONTAL	170.0	124.7	EXISTING	TO REMAIN	
24	POLE	43+56/3476L	250.9	25.0	275.9	HORIZONTAL	170.0	105.9	EXISTING	TO REMAIN	
25	POLE	44+92/3347L	227.9	23.4	251.3	HORIZONTAL	170.0	81.3	EXISTING	TO REMAIN	
26	POLE	46+29/3223L	186.2	27.5	213.7	HORIZONTAL	170.0	43.7	EXISTING	TO REMAIN	
27	TANK	54+85/2472R	213.8	39.0	252.8	HORIZONTAL	170.0	82.8	EXISTING	TO REMAIN	
28	TANK	53+89/2489R	214.4	38.4	252.8	HORIZONTAL	170.0	82.8	EXISTING	TO REMAIN	
29	POLE	−86+11/9793R	309.1	27.4	336.5	CONICAL	321.0	15.5	EXISTING	TO REMAIN	
30	BUNKER	−92+69/3967R	304.8	10.6	315.4	CONICAL	172.8	142.6	EXISTING	TO REMAIN	
31	BUNKER	−91+86/3278R	294.8	15.3	310.1	HORIZONTAL	170.0	140.1	EXISTING	TO REMAIN	
32	POLE	−36+01/2653R	154.6	26.2	180.8	HORIZONTAL	170.0	10.8	EXISTING	TO REMAIN	
33	POLE	−29+67/2073R	128.2	44.4	172.6	HORIZONTAL	170.0	2.6	EXISTING	TO REMAIN	
34	TANK	−39+84/1512R	277.0	35.4	312.4	HORIZONTAL	170.0	142.4	EXISTING	TO REMAIN	
(*) 35	TANK	−40+37/1509R	277.0	35.0	312.0	HORIZONTAL	170.0	142.0	EXISTING	TO REMAIN	
(*) 36	TANK	−39+96/1460R	277.0	35.0	312.0	HORIZONTAL	170.0	142.0	EXISTING	TO REMAIN	
37	POLE	−42+26/1334L	176.6	27.3	203.9	HORIZONTAL	170.0	33.9	EXISTING	TO REMAIN	
38	POLE	−38+91/1299L	166.5	11.1	177.6	HORIZONTAL	170.0	7.6	EXISTING	TO REMAIN	
39	POLE	−36+13/1253L	161.7	18.2	179.9	HORIZONTAL	170.0	9.9	EXISTING	TO REMAIN	
40	POLE	−31+67/1174L	150.7	18.9	169.6	HORIZONTAL	170.0	1 ^	EXISTING	TO REMAIN	
41	POLE	−22+92/1034L	154.5	15.1	169.6	HORIZONTAL	170.0	1 ^	EXISTING	TO REMAIN	
42	POLE	−5+35/1451L	166.6	21.6	188.2	HORIZONTAL	170.0	18.2	EXISTING	TO REMAIN	
43	POLE	−4+55/1561L	172.4	22.7	195.1	HORIZONTAL	170.0	25.1	EXISTING	TO REMAIN	
44	POLE	−3+74/1676L	176.8	22.2	199.0	HORIZONTAL	170.0	29.0	EXISTING	TO REMAIN	
45	POLE	−3+04/1775L	177.0	19.4	196.4	HORIZONTAL	170.0	26.4	EXISTING	TO REMAIN	
46	POLE	−2+32/1880L	182.9	23.7	206.6	HORIZONTAL	170.0	36.6	EXISTING	TO REMAIN	
47	POLE	−1+61/1978L	180.4	25.9	206.3	HORIZONTAL	170.0	36.3	EXISTING	TO REMAIN	
48	POLE	0+41/2489L	212.9	28.6	241.5	HORIZONTAL	170.0	71.5	EXISTING	TO REMAIN	
49	POLE	2+26/2797L	251.8	16.7	268.5	HORIZONTAL	170.0	98.5	EXISTING	TO REMAIN	
50	POLE	3+21/2911L	267.5	24.7	292.2	HORIZONTAL	170.0	122.2	EXISTING	TO REMAIN	

PART 77 SURFACE OBSTRUCTIONS CONTINUED

ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
51	POLE	5+04/3129L	297.6	22.9	320.5	HORIZONTAL	170.0	150.5	EXISTING	TO REMAIN	
52	POLE	7+05/3366L	323.8	21.9	345.7	HORIZONTAL	170.0	175.7	EXISTING	TO REMAIN	
53	POLE	10+64/3818L	349.4	13.8	363.2	HORIZONTAL	170.0	193.2	EXISTING	TO REMAIN	
54	POLE	12+89/4126L	344.4	29.5	373.9	HORIZONTAL	170.0	203.9	EXISTING	TO REMAIN	
55	POLE	14+29/4319L	379.4	27.0	376.4	HORIZONTAL	170.0	206.4	EXISTING	TO REMAIN	
56	POLE	15+67/4507L	371.4	26.6	398.0	HORIZONTAL	170.0	228.0	EXISTING	TO REMAIN	
57	POLE	17+12/4701L	383.1	27.0	410.1	HORIZONTAL	170.0	240.1	EXISTING	TO REMAIN	
58	POLE	18+54/4900L	380.7	29.4	410.1	HORIZONTAL	170.0	240.1	EXISTING	TO REMAIN	
59	POLE	19+82/5038L	370.4	30.9	401.3	HORIZONTAL	170.0	231.3	EXISTING	TO REMAIN	
60	POLE	21+38/5217L	362.9	26.3	389.2	HORIZONTAL	170.0	219.2	EXISTING	TO REMAIN	
61	POLE	22+83/6314L	419.9	70.5	490.4	HORIZONTAL	170.0	320.4	EXISTING	TO REMAIN	
62	POLE	10+99/5940L	405.3	32.3	437.6	HORIZONTAL	170.0	267.6	EXISTING	TO REMAIN	
63	POLE	−11+94/6930L	580.4	23.1	603.5	HORIZONTAL	170.0	433.5	EXISTING	TO REMAIN	
64	POLE	−18+20/10326L	804.4	24.7	829.1	CONICAL	194.0	635.1	EXISTING	TO REMAIN	
65	TANK	26+67/11100L	626.8	15.1	641.9	CONICAL	225.0	416.9	EXISTING	TO REMAIN	
66	POLE	25+60/10092L	539.4	10.8	550.2	CONICAL	174.6	375.6	EXISTING	TO REMAIN	
67	POLE	39+86/7003L	405.2	60.6	465.8	HORIZONTAL	170.0	295.8	EXISTING	TO REMAIN	
68	POLE	41+29/7206L	401.5	51.9	453.4	HORIZONTAL	170.0	283.4	EXISTING	TO REMAIN	
(*) 69	TANK	66+07/7928L	222.0	23.0	245.0	HORIZONTAL	170.0	75.0	EXISTING	TO REMAIN	
70	TANK	65+58/7879L	214.9	23.2	238.1	HORIZONTAL	170.0	68.1	EXISTING	TO REMAIN	
71	SIGN	35+60/180L	8.4	4.5	12.9	PRIMARY	11.1	1.8	EXISTING	FRANGIBLE	
72	SIGN	35+79/133R	9.0	4.0	13.0	PRIMARY	11.1	1.9	EXISTING	FRANGIBLE	
73	SIGN	31+45/487R	14.2	4.5	18.7	PRIMARY	11.1	7.6	EXISTING	FRANGIBLE	
74	SIGN	15+60/178L	10.8	4.7	15.5	PRIMARY	13.2	2.3	EXISTING	FRANGIBLE	
75	ANTENNA, GUIDE SLOPE	70+58/324L	11.1	38.2	49.3	TRANSITIONAL	25.1	24.2	EXISTING	TO REMAIN	
76	CELL TOWER	−105+81/3297L	602.5	66.2	668.7	CONICAL	222.7	446.0	EXISTING	TO REMAIN	

(*) DATA ESTIMATED
^ ELEVATION DIFFERENCE BELOW DATA CONFIDENCE THRESHOLD
NOTE: STATION AND OFFSET BASED ON RUNWAY 5–23

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

AIRPORT AIRSPACE, 14 CFR, PART 77
DATA TABLES

DATE: AUGUST 2015
SHEET: 24 OF 26

Designed By:
Drawn By:
Checked By:
Date Plotted: 8/06/2015 12:39 PM
Layout Name: 24-P77-TABLES
File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-PART 77.dwg

PART 77 SURFACE OBSTRUCTIONS CONTINUED

ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
209	BUILDING	−35+54/1024L	273.9	23.1	297.0	HORIZONTAL	170.0	127.0	EXISTING	TO REMAIN	
210	BARRACKS COMPLEX	−29+91/1919L	127.3	42.9	170.2	HORIZONTAL	170.0	0.2	EXISTING	TO REMAIN	
211	CHURCH	−33+88/2296L	134.4	47.1	183.5	HORIZONTAL	170.0	13.5	EXISTING	TO REMAIN	
212	BUILDING	−41+44/2457L	161.4	20.2	181.6	HORIZONTAL	170.0	11.6	EXISTING	TO REMAIN	
213	BUILDING	−37+37/2752L	156.5	68.4	224.9	HORIZONTAL	170.0	54.9	EXISTING	TO REMAIN	
214	BUILDING	25+85/7328R	428.9	24.0	452.9	HORIZONTAL	170.0	282.9	EXISTING	TO REMAIN	
215	BUILDING	37+82/6985R	398.6	11.6	410.2	HORIZONTAL	170.0	240.2	EXISTING	TO REMAIN	
216	BUILDING	39+62/6799R	409.0	32.1	441.1	HORIZONTAL	170.0	271.1	EXISTING	TO REMAIN	
217	BUILDING	41+60/7005R	409.4	21.8	431.2	HORIZONTAL	170.0	261.2	EXISTING	TO REMAIN	
218	BUILDING	42+52/6864R	408.7	16.2	424.9	HORIZONTAL	170.0	254.9	EXISTING	TO REMAIN	
219	BUILDING	42+83/6697R	405.4	26.5	431.9	HORIZONTAL	170.0	261.9	EXISTING	TO REMAIN	

PART 77 SURFACE OBSTRUCTIONS CONTINUED

ID #	DESCRIPTION	STATION/ OFFSET	GRD ELEV	AGL	TOP ELEV	SURFACE PENETRATED	SURFACE ELEV	AMOUNT PENETRATION	TRIGGER EVENT	DISPOSITION	STAGE TO CORRECT
300	ROAD+15	−20+49/720L −16+56/191L	140.2	15.0	155.2	RW 5 APPROACH/ TRANSITIONAL	114.3	40.9	EXISTING	TO REMAIN	
301	ROAD+15	−10+16/204L 0+13/675I	74.8	15.0	89.8	RW 5 APPROACH/ TRANSITIONAL	41.6	48.2	EXISTING	TO REMAIN	
302	ROAD+15	78+88/322R 84+88/295L	11.6	15.0	26.6	RW 23 APPROACH/ PRIMARY/TRANSITIONAL	16.9	9.7	EXISTING	TO REMAIN	
303	NOT USED										
304	ROAD+15	−30+40/704R −25+96/188R	238.0	15.0	253.0	RW 5 APPROACH/ HORIZONTAL/ TRANSITIONAL	170.0	83.0	EXISTING	TO REMAIN	
305	ROAD+10	1+67/1870L	170.0	10.0	180.0	HORIZONTAL	170.0	10.0	EXISTING	TO REMAIN	
306	ROAD+15	−33+18/516L −35+59/1310L	170.0	15.0	185.0	HORIZONTAL	170.0	15.0	EXISTING	TO REMAIN	
307	ROAD+15	−23+70/1006L −43+38/1434L	170.0	15.0	185.0	HORIZONTAL	170.0	15.0	EXISTING	TO REMAIN	
308	TERRAIN	−15+62/208L	97.0	0	97.0	RW 5 APPROACH	96.0	1.0	EXISTING	TO REMAIN	
309	TERRAIN	−14+12/222L 6+00/900L	*80.0	0	*80.0	RW 5 APPROACH/ TRANSITIONAL	55.2	24.8	EXISTING	TO REMAIN	
310	TERRAIN	0+00/0	19.8	0	19.8	PRIMARY	19.5	0.3	EXISTING	TO REMAIN	
311	TERRAIN	3+29/426R	59.0	0	59.0	TRANSITIONAL	44.1	14.9	EXISTING	TO REMAIN	
312	TERRAIN	81+04/32L	19.4	0	19.4	PRIMARY	16.9	2.5	EXISTING	TO REMAIN	
313	TERRAIN	80+28/288R	31.6	0	31.6	PRIMARY	16.9	14.7	EXISTING	TO REMAIN	
314	TERRAIN	−140+36/218L −112+37/1843R	*474.0	0	*474.0	CONICAL	321.0	153.0	EXISTING	TO REMAIN	
315	TERRAIN	−128+12/2655R	353.0	0	353.0	CONICAL	324.0	31.0	EXISTING	TO REMAIN	
316	TERRAIN	−127+22/5862L −104+10/7560L	*433.0	0	*433.0	CONICAL	363.0	70.0	EXISTING	TO REMAIN	
317	TERRAIN	−111+67/10432R −56+06/6440R	*639.0	0	*639.0	CONICAL	327.0	312.0	EXISTING	TO REMAIN	
318	TERRAIN	−51+33/10227R −30+23/11923R	*426.0	0	*426.0	HORIZONTAL/ CONICAL	254.0	172.0	EXISTING	TO REMAIN	
319	TERRAIN	−35+81/5514L	198.0	0	198.0	HORIZONTAL	170.0	28	EXISTING	TO REMAIN	
320	TERRAIN	−30+40/105L −15+98/770R	*230.0	0	*230.0	RW 5 APPROACH/ TRANSITIONAL	170.0	60.0	EXISTING	TO REMAIN	
321	TERRAIN	−131+71/13998L 79+16/7592R	*777.0	0	*777.0	HORIZONTAL/ CONICAL	170.0	607.0	EXISTING	TO REMAIN	
322	TERRAIN	−8+35/10227R 53+80/14000R	*522.0	0	*522.0	CONICAL	365.0	157.0	EXISTING	TO REMAIN	
323	TERRAIN	39+25/5744R	205.0	0	205.0	HORIZONTAL	170.0	35.0	EXISTING	TO REMAIN	
324	TERRAIN	46+35/412L 51+78/710L	*82.0	0	*82.0	TRANSITIONAL	44.6	37.4	EXISTING	EXISTING	
325	TERRAIN	52+36/2066R 56+99/2766R	*227.0	0	*227.0	HORIZONTAL	170.0	57.0	EXISTING	TO REMAIN	
326	TERRAIN	84+99/8003L 90+26/8637L	*193.0	0	*193.0	HORIZONTAL	170.0	23.0	EXISTING	TO REMAIN	
327	TERRAIN	89+05/8856L 100+55/10527L	*268.0	0	*268.0	HORIZONTAL	170.0	98.0	EXISTING	TO REMAIN	
328	TERRAIN	96+36/5643L 110+58/6636L	*214.0	0	*214.0	HORIZONTAL	170.0	44.0	EXISTING	TO REMAIN	
329	TERRAIN	112+86/11614L 192+12/3323L	*234.0	0	*234.0	HORIZONTAL/ CONICAL	183.0	51.0	EXISTING	TO REMAIN	
330	TERRAIN	170+15/2745L 181+58/3376L	*276.0	0	*276.0	HORIZONTAL/ CONICAL	176.0	100.0	EXISTING	TO REMAIN	

* HIGHEST FEATURE IN A LARGE AREA OF TERRAIN PENETRATION. REFER TO HATCHED AREAS ON MAP.

(*) DATA ESTIMATED

∧ ELEVATION DIFFERENCE BELOW DATA CONFIDENCE THRESHOLD

NOTE: STATION AND OFFSET BASED ON RUNWAY 5−23

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

AIRPORT AIRSPACE, 14 CFR, PART 77
DATA TABLES

DATE: AUGUST 2015

Designed By:
Drawn By:
Checked By:
Date Plotted: 8/06/2015, 12:38 PM
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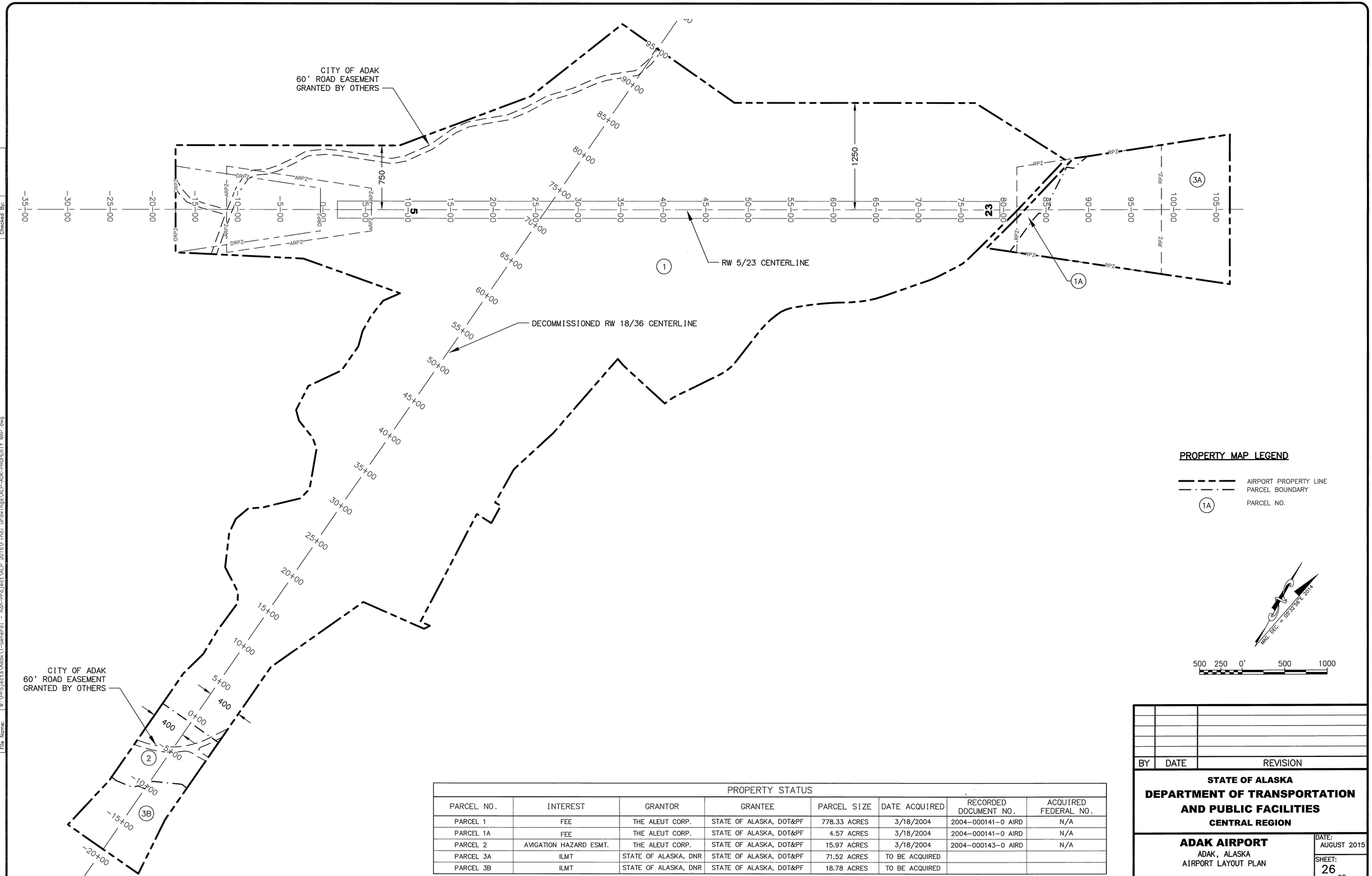

PROPERTY STATUS							
PARCEL NO.	INTEREST	GRANTOR	GRANTEE	PARCEL SIZE	DATE ACQUIRED	RECORDED DOCUMENT NO.	ACQUIRED FEDERAL NO.
PARCEL 1	FEE	THE ALEUT CORP.	STATE OF ALASKA, DOT&PF	778.33 ACRES	3/18/2004	2004-000141-0 AIRD	N/A
PARCEL 1A	FEE	THE ALEUT CORP.	STATE OF ALASKA, DOT&PF	4.57 ACRES	3/18/2004	2004-000141-0 AIRD	N/A
PARCEL 2	AVIGATION HAZARD ESMT.	THE ALEUT CORP.	STATE OF ALASKA, DOT&PF	15.97 ACRES	3/18/2004	2004-000143-0 AIRD	N/A
PARCEL 3A	ILMT	STATE OF ALASKA, DNR	STATE OF ALASKA, DOT&PF	71.52 ACRES	TO BE ACQUIRED		
PARCEL 3B	ILMT	STATE OF ALASKA, DNR	STATE OF ALASKA, DOT&PF	18.78 ACRES	TO BE ACQUIRED		

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

ADAK AIRPORT
ADAK, ALASKA
AIRPORT LAYOUT PLAN

PROPERTY MAP

DATE: AUGUST 2015

SHEET: 26 OF 26

Designed By:
Drawn By:
Checked By:

Date Plotted: 8/06/2015, 1:25 PM
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File Name: W:\Projects\Adak\1-General - non-Project\ALP 2015\Final Drawings\ALP-ADK-PROPERTY MAP.dwg