



U. S. Department
of Transportation

Alaskan Region

222 W. 7th Avenue #14
Anchorage, Alaska
99513-7587

**Federal Aviation
Administration**

April 10, 2012

Mr. Harvey M. Douthit, Design Section Chief
State of Alaska, DOT & PF
P.O. Box 196960
Anchorage, Alaska 99519-6960

RECEIVED

APR 10 2012

CR DESIGN SECTION

Dear Mr. Douthit:

Unalaska Airport
Airport Layout Plan Approval
Airspace Case 11AAL-158NRA

We have completed our review of the Unalaska Airport Layout Plan (ALP), and we find it acceptable for meeting the requirements for the oncoming Runway Safety Area (RSA), runway extension and runway rehabilitation projects. This ALP approval does not include approval of any other elements of this ALP. We assume that the coordinates, lengths and elevations submitted to FAA through the AGIS match the data tables in the ALP for the existing and future runway conditions. No Modifications to Standards are approved with this ALP approval.

The following pending items will require further coordination with our office:

- Ultimate airport layout and critical aircraft will need to be reevaluated through an Airport Master Plan after the RSA project is completed. Non-standard conditions of the OFA, BRL will need to be addressed at that time.
- Final location of the upcoming maintenance building project.
- Final location of the current within the fence residences and the final disposition the vacated lots.
- Land use drawing needs further justification and clarification of the intended use.
- Please conduct an as-built aeronautical survey when the project is completed. Runway 12 Vessel Obstacle data submitted through GIS needs further verification.

The approval indicated by my signature is given subject to the condition that the proposed airport development that requires environmental processing shall not be undertaken without prior written environmental approval by the FAA. This approval considers only the safety, utility, and efficiency of the airport. We encourage you to work with appropriate agencies to encourage adoption of height and zoning restrictions. This approval does not represent a commitment to provide financial assistance to implement the proposed plan. FAA assistance in any development or its approval for any development will be determined at the time of request, based on the existing regulations, project justification, and eligibility at the time of the request.

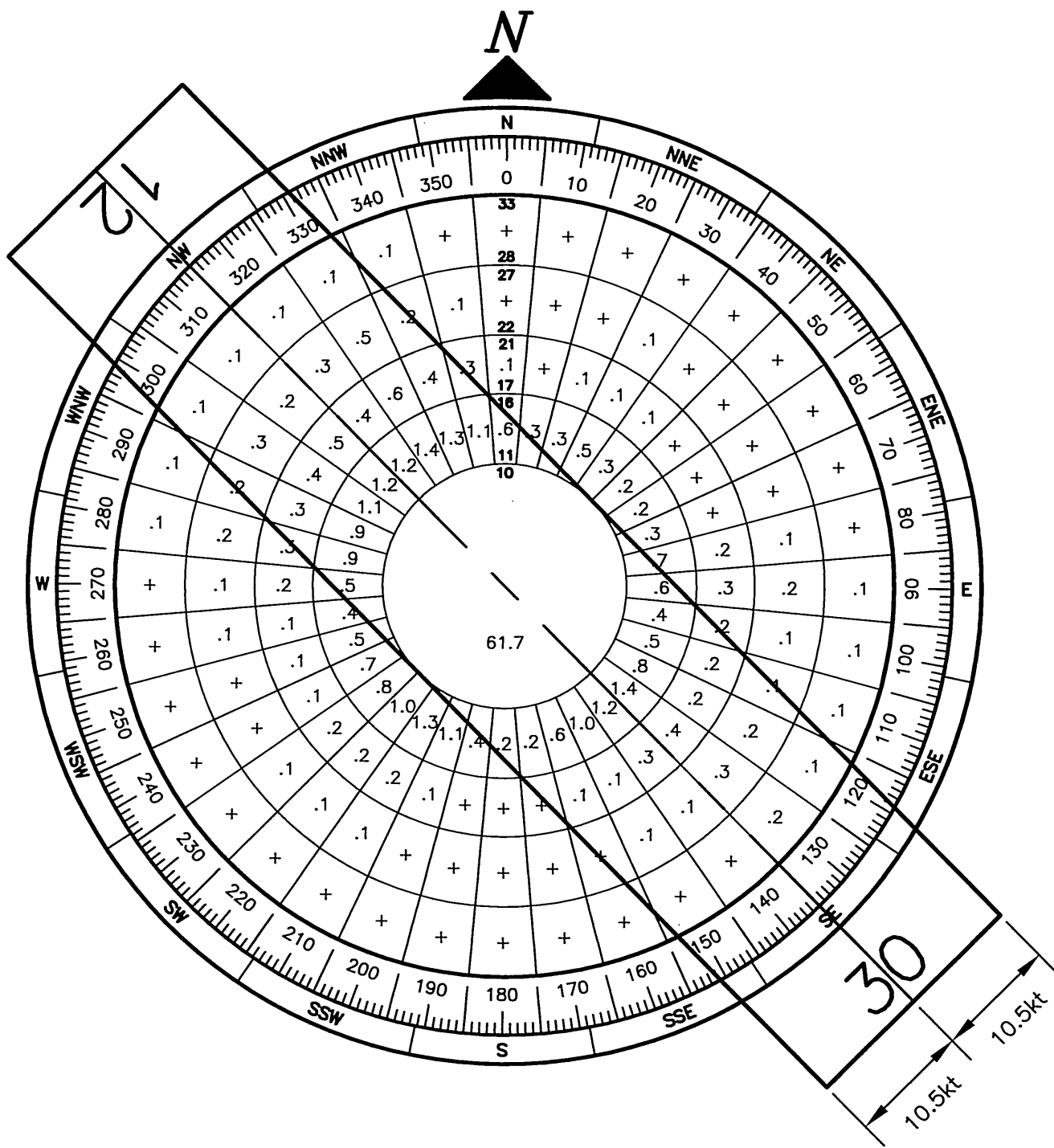
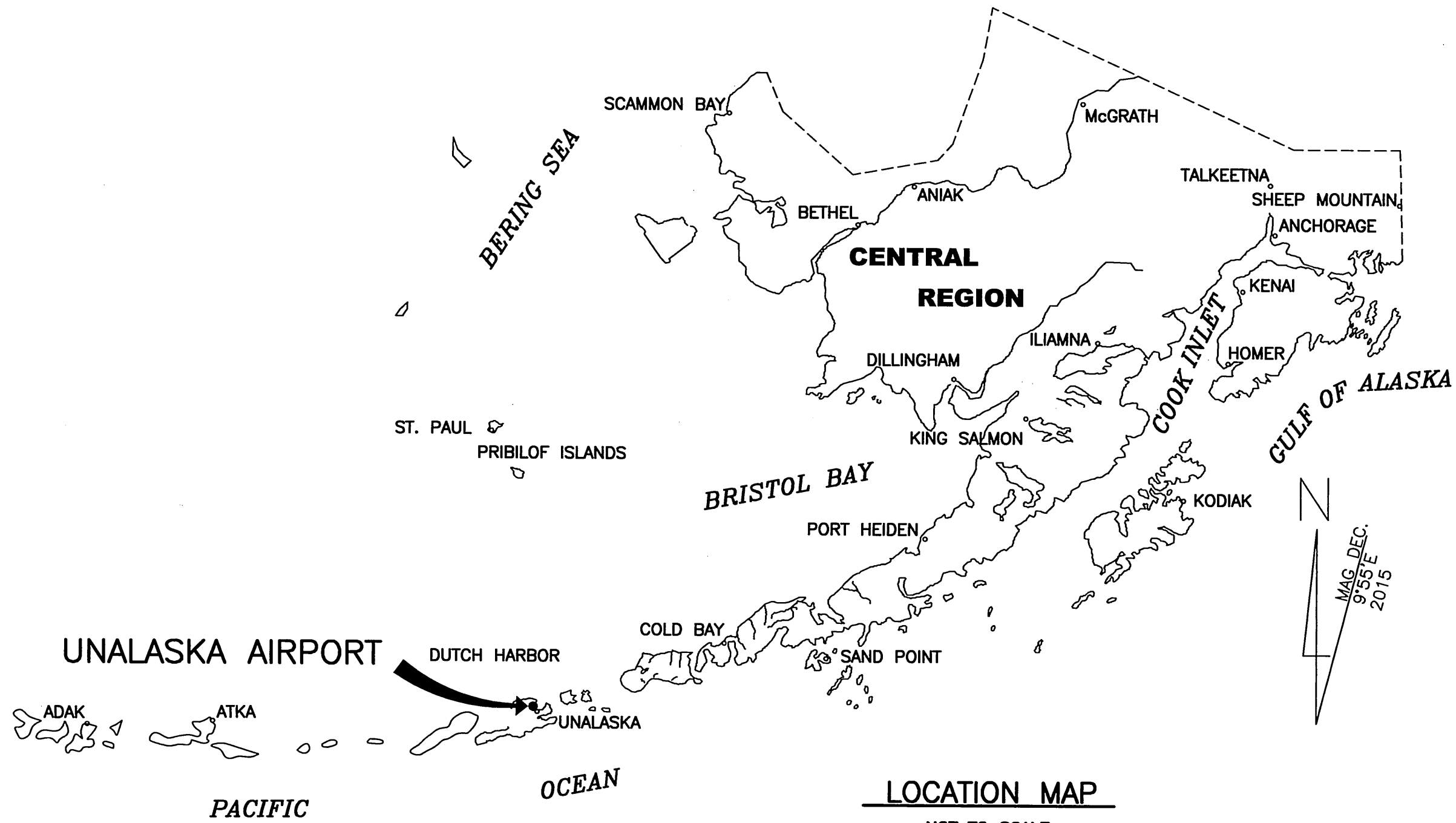
Please attach this letter to the enclosed ALP and retain it in your files for future use. If you have any questions, please contact Ms. Pat Oien at 271-5445.

Sincerely,

Pat Oien, Lead Planner
Airports Division

Attachment: Unalaska ALP

Date Plotted: 3/22/2012, 11:21 PM
 Layout Name: COVER
 File Name: 11.DUT01001_UPDATE.DWG
 Designed By:
 Drawn By:
 Checked By:



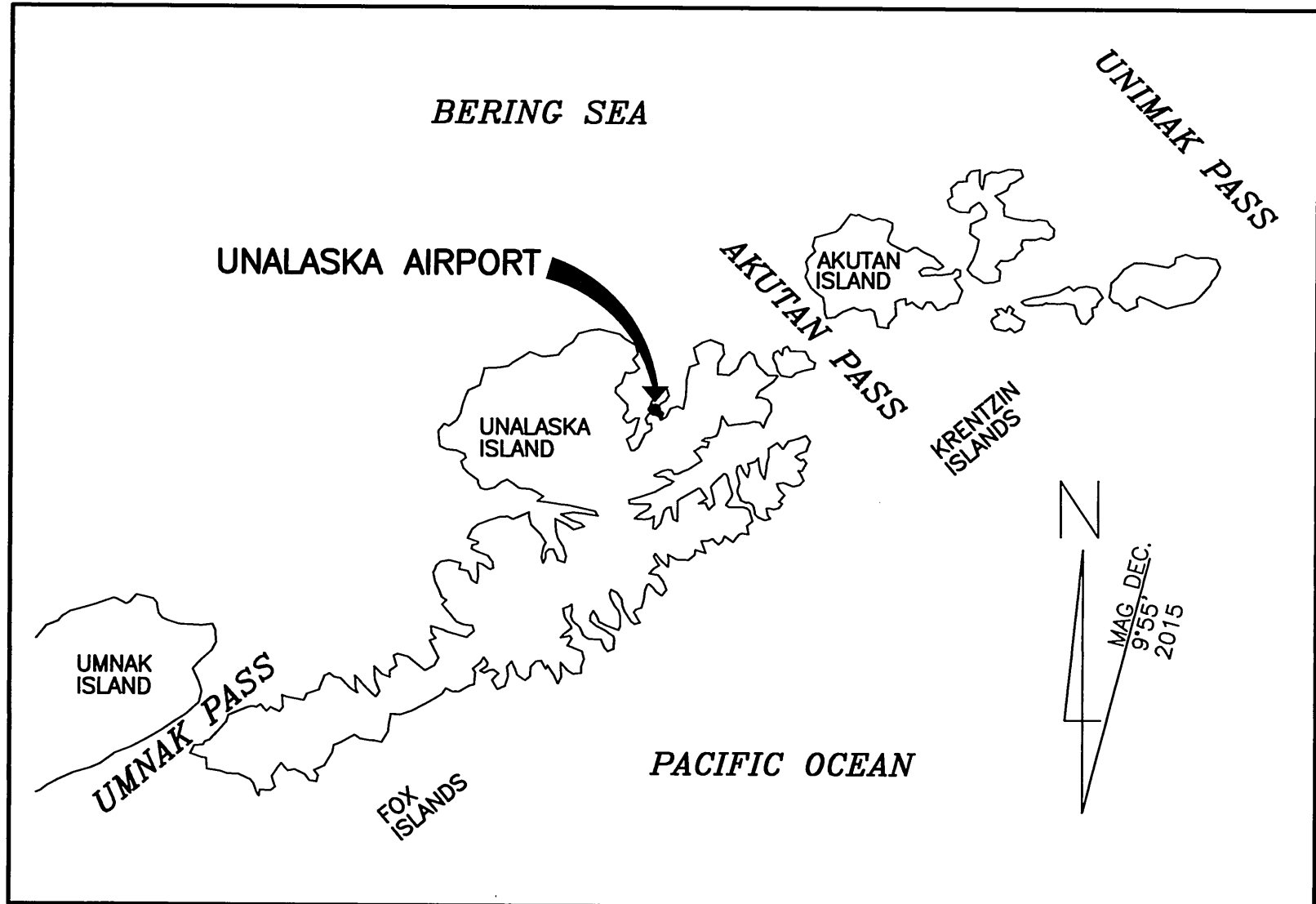
RUNWAY	10.5 kt	13 kt	16 kt	20 kt
12/30	87.0%	92.8%	97.6%	99.0%

SOURCE: U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, NATIONAL CLIMATIC DATA CENTER ON JULY 22, 2010

PERIOD: 01/1988-06/2010

ITEM	EXISTING	ULTIMATE
AIRPORT REFERENCE POINT (A.R.P.)		
ANTENNA		
BUILDINGS		
BUILDING RESTRICTION LINE		
FENCE		
PAPI		
PROPERTY LINE		
REIL		
ROADWAYS		
ROTATING BEACON		
SHORELINE		
SURVEY MONUMENT		
THRESHOLD MARKERS/LIGHTS		
TOPOGRAPHIC CONTOURS		
VASI		
WIND CONE		
WIND CONE WITH SEGMENTED CIRCLE		

ITEM	EXISTING LATITUDE	EXISTING LONGITUDE	ULTIMATE LATITUDE	ULTIMATE LONGITUDE
A.R.P.	53°53'56"	166°32'42"	53°53'56"	166°32'42"
THRESHOLD RW 12	53°54'09.91"	166°33'04.86"	53°54'09.31"	166°33'03.87"
THRESHOLD RW 30	53°53'42.44"	166°32'19.28"	53°53'42.44"	166°32'19.2889"
RUNWAY END 12	53°54'10.61"	166°33'06.02"	53°54'12.02"	166°33'08.36"
RUNWAY END 30	53°53'41.74"	166°32'18.12"	53°53'40.33"	166°32'15.78"



VICINITY MAP
 NOT TO SCALE
 T072S, R117W, SEC. 11
 SEWARD MERIDIAN
 U.S.G.S. UNALASKA (C-2), ALASKA

ITEM	EXISTING	ULTIMATE
ICAO IDENTIFIER	PADU	PADU
NATIONAL AIRPORT IDENTIFIER	DUT	DUT
FAA SITE NUMBER	50801.*1	-
AIRPORT ELEVATION NAVD88	22.0'	22.0'
AIRPORT REFERENCE CODE	B II	B III
MEAN MAX. TEMPERATURE, HOTTEST MONTH	57 F AUGUST	57 F AUGUST
AIRPORT AND TERMINAL NAVIGATION AIDS	GPS	GPS
	NDB	NDB/DME
TAXIWAY LIGHTING/MARKING	MITL	MITL
OBSTRUCTION SURVEY SOURCE & TYPE	ODS 6367, NVG	NVG
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	9°55'E, 2015*,	0°10' (W)/YEAR

* SOURCE: IAGA-ICRF-11, WWW.NGDC.NOAA.GOV

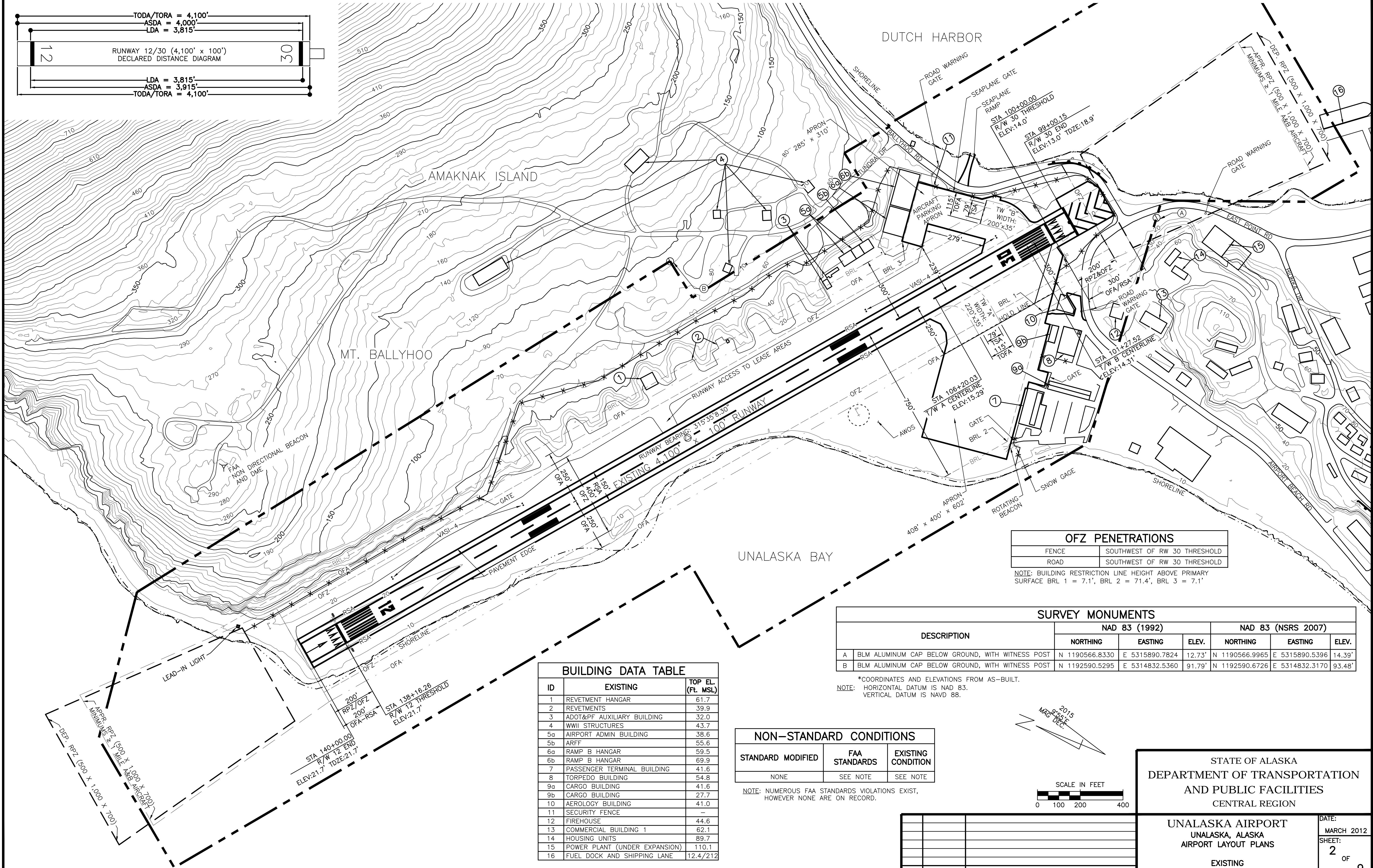
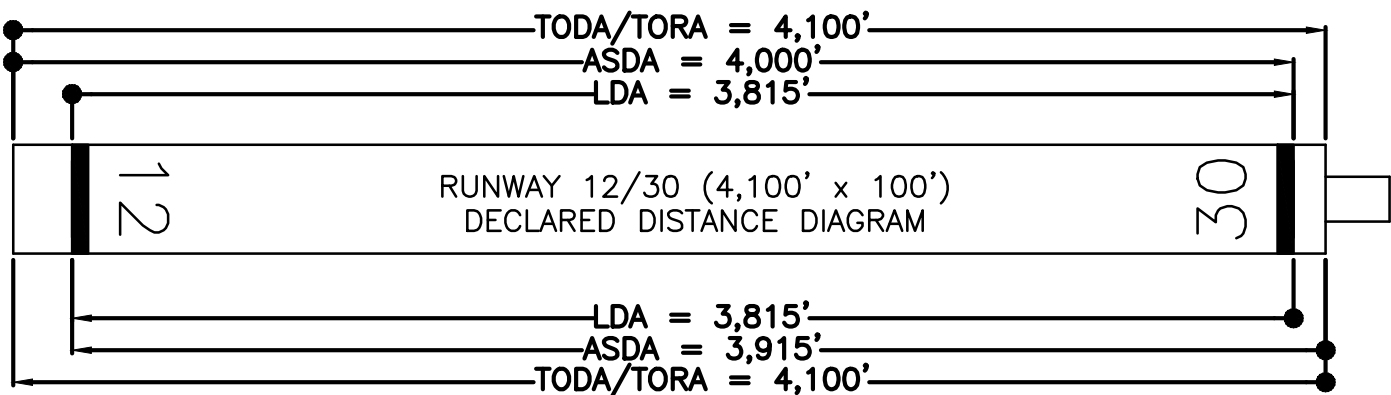
ITEM	EXISTING (12/30)	NEAR TERM (13/31)	ULTIMATE (13/31)
RUNWAY TYPE UTILITY OR OTHER THAN UTILITY	OTHER THAN UTILITY	OTHER THAN UTILITY	OTHER THAN UTILITY
FAR PART 77 APPROACH CATEGORY (V, NPI, P)	VIS-B /VIS-B	VIS-B /VIS-B	VIS-B /VIS-B
APPROACH SURFACES	20:1 / 20:1	20:1 / 20:1	20:1 / 20:1
VISIBILITY MINIMUM	1-1/4 MILE	1-1/4 MILE	1-1/4 MILE
RUNWAY SURFACE	ASPHALT	ASPHALT	ASPHALT
PAVEMENT STRENGTH SW,DW,DTW,DDTW x1000lbs	S-60, T-210	S-60, T-210	S-60, T-210
AIRCRAFT APPROACH CATEGORY	B	B	B
AIRPLANE DESIGN GROUP	II	II	III
TRUE BEARING	N 44° 24' 51.70" W	N 44° 24' 50.65" W	N 44° 24' 50.65" W
EFFECTIVE GRADE	-0.2% / 0.2%	-0.2% / 0.2%	-0.2% / 0.2%
TOUCHDOWN ELEVATION NAVD88	21.7' / 18.9'	21.7' / 18.9'	21.7' / 18.9'
RUNWAY DIMENSIONS	100' X 4,100'	100' X 4,500'	100' X 4,500'
RUNWAY SAFETY AREA (RSA) DIMENSIONS	150' X 4,300'	150' X 4,500'	300' X 4,900'
LENGTH BEYOND R/W END	300' / 300'	300' / 300'	600' / 600'
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	500' X 700' X 1,000'	500' X 700' X 1,000'	500' X 700' X 1,000'
RUNWAY OBJECT FREE AREA (OFA) DIMENSIONS	500' X 4,316'	500' X 4,600'	800' X 4,900'
LENGTH BEYOND R/W END OR STOPWAY	300' / 300'	300' / 300'	600' / 600'
RUNWAY OBSTACLE FREE ZONE (OFZ) DIMENSIONS	400' / 4,200'	400' / 4,500'	400' / 4,500'
RUNWAY LIGHTING	MIRL, LDIN / MIRL	MIRL, LDIN / MIRL	MIRL, LDIN / MIRL
RUNWAY MARKING TYPE	NON-PRECISION	NON-PRECISION	NON-PRECISION
RUNWAY VISUAL APPROACH AIDS	VASI-4, REIL/VASI-4, REIL	VASI-4, REIL / VASI-4, REIL	PAPI, REIL / VASI-4, REIL

NOTE: DRAWING UNITS ARE IN FEET UNLESS OTHERWISE SPECIFIED.

SHT #	TITLE
1	DATA SHEET
2	EXISTING LAYOUT PLAN
3	NEAR TERM LAYOUT PLAN
4	ULTIMATE LAYOUT PLAN
5	AIRSPACE SURFACES
6	INNER PORTION OF APPROACH, RUNWAY 13
7	INNER PORTION OF APPROACH, RUNWAY 31
8	PROPERTY MAP
9	LAND USE PLANS

BY: DATE: APPROVED: KENNETH M. MORTON, P.E. RECOMMENDED: HARVEY M. BOUHIT, P.E. AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO ALP APPROVAL LETTER DATED 4/10/2012 FAA AIRSPACE REVIEW NUMBER: UALC-158MKA DATE: 4/10/12 FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-621	REVISION: DATE: 3-29-2012 PRECONSTRUCTION ENGINEER: DATE: 7-28-12 DESIGN SECTION CHIEF: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION UNALASKA AIRPORT UNALASKA, ALASKA AIRPORT LAYOUT PLANS DATA SHEET	DATE: MARCH 2012 SHEET: 1 OF 9
---	---	---

Date Plotted: 4/13/2012, 11:46 AM
Layout Name: EXISTING
File Name: DUT-ALP-02-EXISTING.DWG
Designed By: JRT
Drawn By: HMF
Checked By:



OFZ PENETRATIONS	
FENCE	SOUTHWEST OF RW 30 THRESHOLD
ROAD	SOUTHWEST OF RW 30 THRESHOLD

NOTE: BUILDING RESTRICTION LINE HEIGHT ABOVE PRIMARY SURFACE BRL 1 = 7.1', BRL 2 = 71.4', BRL 3 = 7.1'

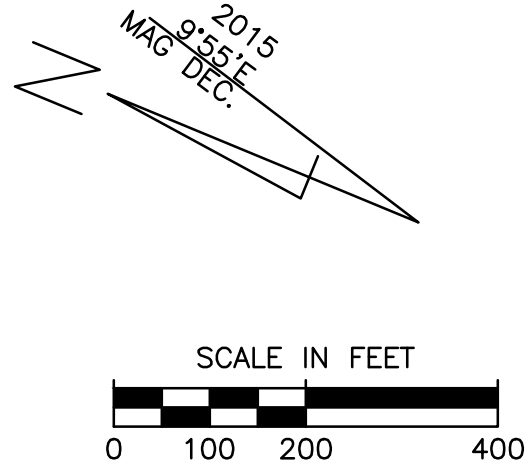
SURVEY MONUMENTS						
DESCRIPTION		NAD 83 (1992)			NAD 83 (NSRS 2007)	
		NORTHING	EASTING	ELEV.	NORTHING	EASTING
A	BLM ALUMINUM CAP BELOW GROUND, WITH WITNESS POST	N 1190566.8330	E 5315890.7824	12.73'	N 1190566.9965	E 5315890.5396
B	BLM ALUMINUM CAP BELOW GROUND, WITH WITNESS POST	N 1192590.5295	E 5314832.5360	91.79'	N 1192590.6726	E 5314832.3170

*COORDINATES AND ELEVATIONS FROM AS-BUILT.
NOTE: HORIZONTAL DATUM IS NAD 83.
VERTICAL DATUM IS NAVD 88.

NON-STANDARD CONDITIONS		
STANDARD	MODIFIED	FAA STANDARDS
NONE	SEE NOTE	SEE NOTE

NOTE: NUMEROUS FAA STANDARDS VIOLATIONS EXIST, HOWEVER NONE ARE ON RECORD.

BUILDING DATA TABLE		
ID	EXISTING	TOP EL. (FT. MSL)
1	REVTMENT HANGAR	61.7
2	REVTMENTS	39.9
3	ADOT&PF AUXILIARY BUILDING	32.0
4	WWII STRUCTURES	43.7
5a	AIRPORT ADMIN BUILDING	38.6
5b	ARFF	55.6
6a	RAMP B HANGAR	59.5
6b	RAMP B HANGAR	69.9
7	PASSENGER TERMINAL BUILDING	41.6
8	TORPEDO BUILDING	54.8
9a	CARGO BUILDING	41.6
9b	CARGO BUILDING	27.7
10	AEROLOGY BUILDING	41.0
11	SECURITY FENCE	-
12	FIREHOUSE	44.6
13	COMMERCIAL BUILDING 1	62.1
14	HOUSING UNITS	89.7
15	POWER PLANT (UNDER EXPANSION)	110.1
16	FUEL DOCK AND SHIPPING LANE	12.4/212



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

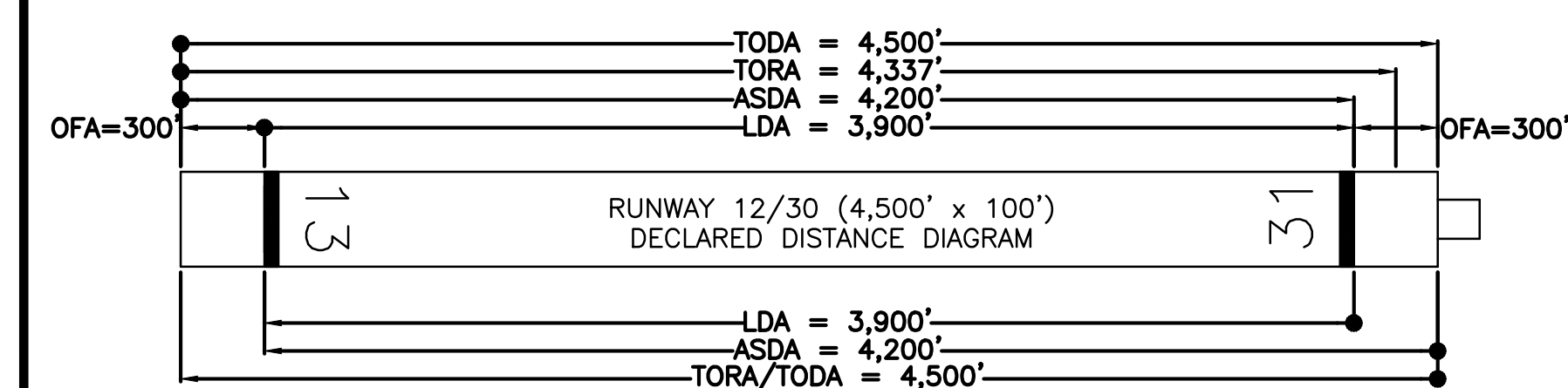
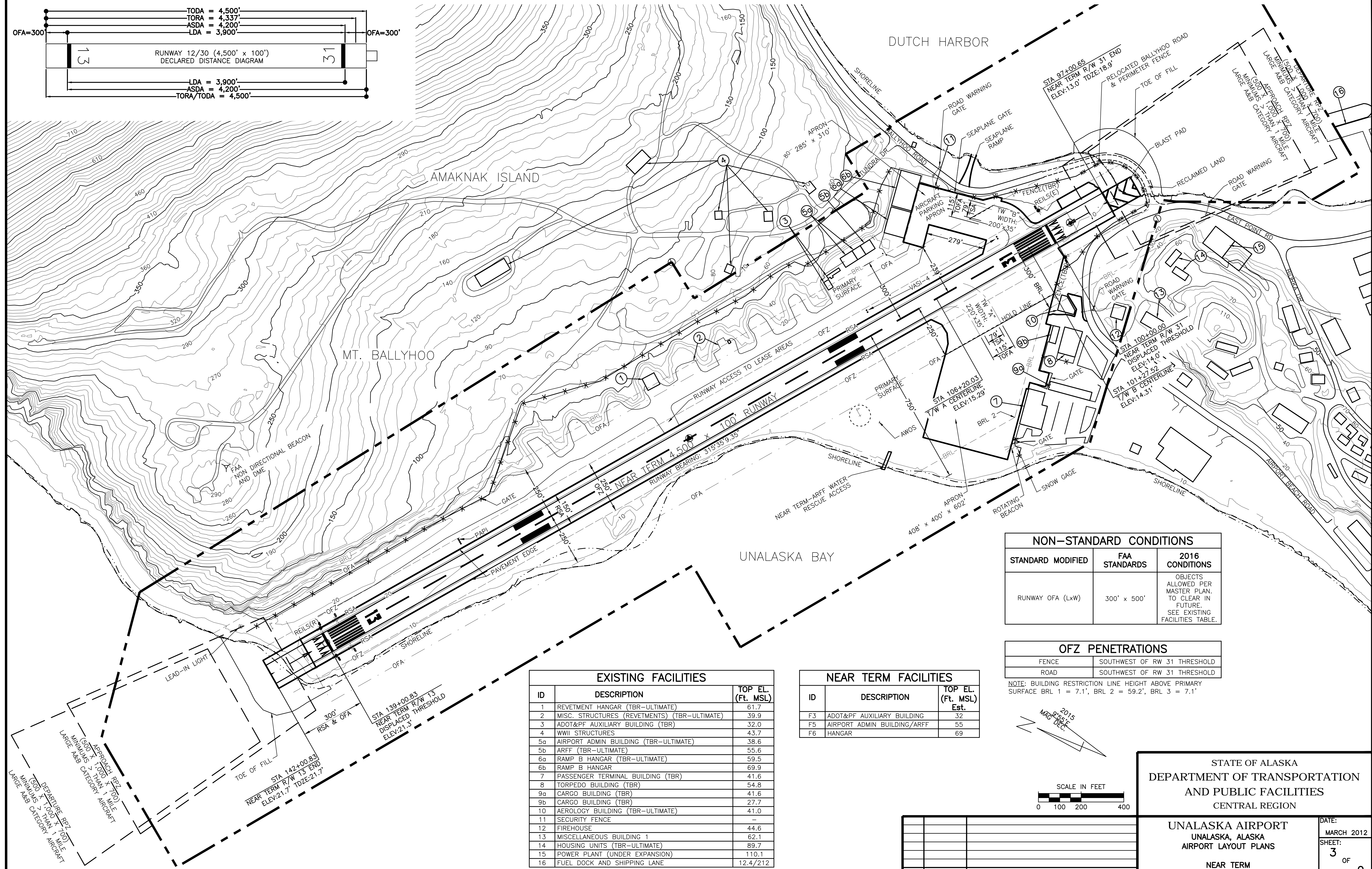
UNALASKA AIRPORT
UNALASKA, ALASKA
AIRPORT LAYOUT PLANS

EXISTING
LAYOUT PLAN

DATE:
MARCH 2012
SHEET:
2
OF
9

BY	DATE	REVISION

Date Plotted: 4/13/2012, 11:47 AM
Layout Name: NEAR_TERM
File Name: DUT-ALP-03-NEAR_TERM.DWG
Designed By: JRT
Drawn By: HMF
Checked By:



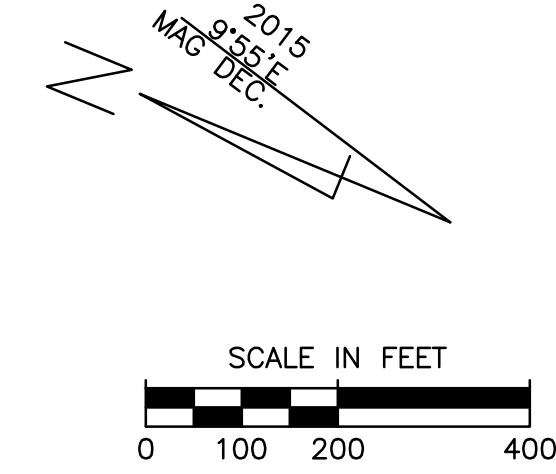
EXISTING FACILITIES		
ID	DESCRIPTION	TOP EL. (Ft. MSL)
1	REVTMENT HANGAR (TBR-ULTIMATE)	61.7
2	MISC. STRUCTURES (REVTMENTS) (TBR-ULTIMATE)	39.9
3	ADOT&PF AUXILIARY BUILDING (TBR)	32.0
4	WWII STRUCTURES	43.7
5a	AIRPORT ADMIN BUILDING (TBR-ULTIMATE)	38.6
5b	ARFF (TBR-ULTIMATE)	55.6
6a	RAMP B HANGAR (TBR-ULTIMATE)	59.5
6b	RAMP B HANGAR	69.9
7	PASSENGER TERMINAL BUILDING (TBR)	41.6
8	TORPEDO BUILDING (TBR)	54.8
9a	CARGO BUILDING (TBR)	41.6
9b	CARGO BUILDING (TBR)	27.7
10	AEROLOGY BUILDING (TBR-ULTIMATE)	41.0
11	SECURITY FENCE	-
12	FIREHOUSE	44.6
13	MISCELLANEOUS BUILDING 1	62.1
14	HOUSING UNITS (TBR-ULTIMATE)	89.7
15	POWER PLANT (UNDER EXPANSION)	110.1
16	FUEL DOCK AND SHIPPING LANE	12.4/212

NEAR TERM FACILITIES		
ID	DESCRIPTION	TOP EL. (Ft. MSL) Est.
F3	ADOT&PF AUXILIARY BUILDING	32
F5	AIRPORT ADMIN BUILDING/ARFF	55
F6	HANGAR	69

NON-STANDARD CONDITIONS		
STANDARD	MODIFIED	FAA STANDARDS
		2016 CONDITIONS
		OBJECTS ALLOWED PER MASTER PLAN. TO CLEAR IN FUTURE. SEE EXISTING FACILITIES TABLE.
	RUNWAY OFA (LxW)	300' x 500'

OFZ PENETRATIONS	
FENCE	SOUTHWEST OF RW 31 THRESHOLD
ROAD	SOUTHWEST OF RW 31 THRESHOLD

NOTE: BUILDING RESTRICTION LINE HEIGHT ABOVE PRIMARY SURFACE BRL 1 = 7.1', BRL 2 = 59.2', BRL 3 = 7.1'



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

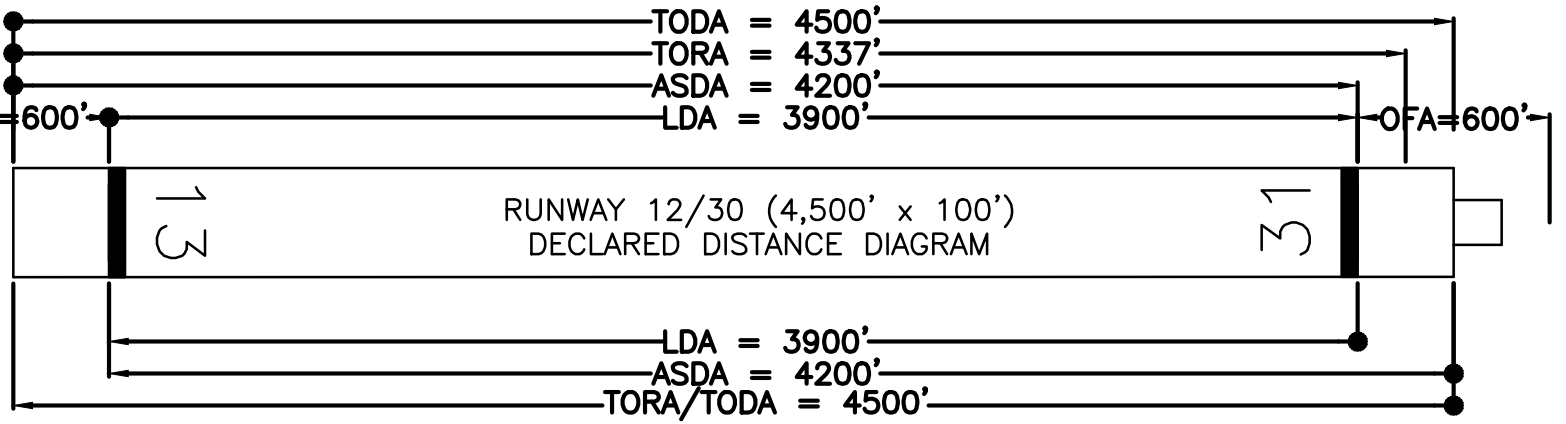
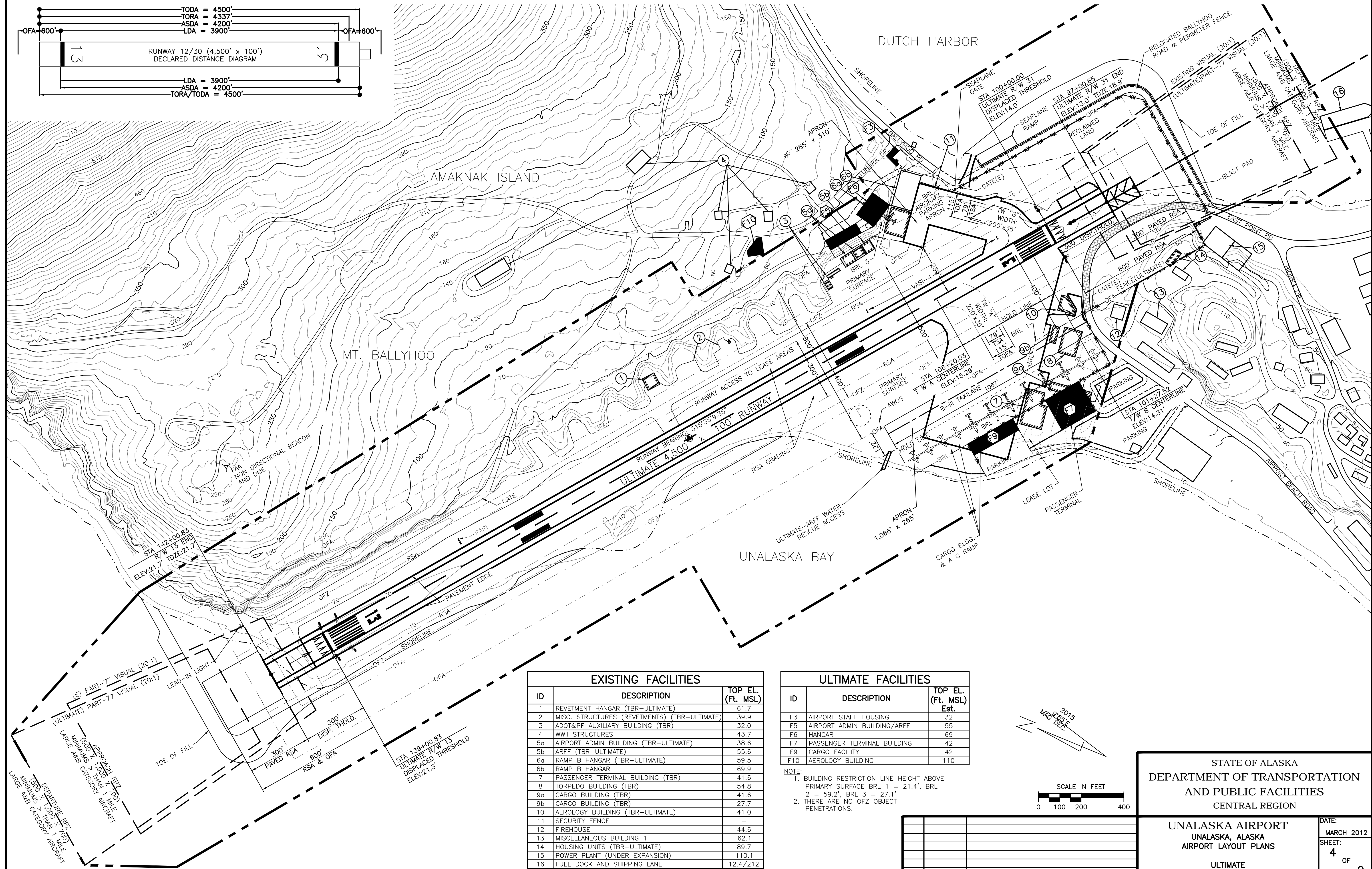
UNALASKA AIRPORT
UNALASKA, ALASKA
AIRPORT LAYOUT PLANS

NEAR TERM
LAYOUT PLAN

DATE:
MARCH 2012
SHEET:
3
OF
9

BY	DATE	REVISION

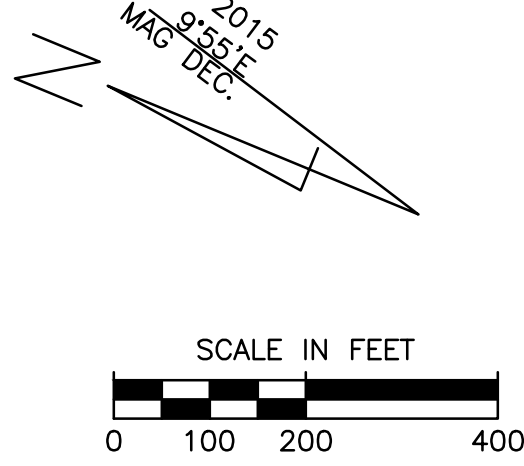
Date Plotted: 4/13/2012, 11:49 AM
Layout Name: ULTIMATE
File Name: DUT-ALP-04-ULTIMATE.DWG
Designed By: JRT
Drawn By: HMF
Checked By:



EXISTING FACILITIES		
ID	DESCRIPTION	TOP EL. (Ft. MSL)
1	REVIEW HANGAR (TBR-ULTIMATE)	61.7
2	MISC. STRUCTURES (REVIEWMENTS) (TBR-ULTIMATE)	39.9
3	ADOT&PF AUXILIARY BUILDING (TBR)	32.0
4	WWII STRUCTURES	43.7
5a	AIRPORT ADMIN BUILDING (TBR-ULTIMATE)	38.6
5b	ARFF (TBR-ULTIMATE)	55.6
6a	RAMP B HANGAR (TBR-ULTIMATE)	59.5
6b	RAMP B HANGAR	69.9
7	PASSENGER TERMINAL BUILDING (TBR)	41.6
8	TORPEDO BUILDING (TBR)	54.8
9a	CARGO BUILDING (TBR)	41.6
9b	CARGO BUILDING (TBR)	27.7
10	AEROLOGY BUILDING (TBR-ULTIMATE)	41.0
11	SECURITY FENCE	-
12	FIREHOUSE	44.6
13	MISCELLANEOUS BUILDING 1	62.1
14	HOUSING UNITS (TBR-ULTIMATE)	89.7
15	POWER PLANT (UNDER EXPANSION)	110.1
16	FUEL DOCK AND SHIPPING LANE	12.4/212

ULTIMATE FACILITIES		
ID	DESCRIPTION	TOP EL. (Ft. MSL) Est.
F3	AIRPORT STAFF HOUSING	32
F5	AIRPORT ADMIN BUILDING/ARFF	55
F6	HANGAR	69
F7	PASSENGER TERMINAL BUILDING	42
F9	CARGO FACILITY	42
F10	AEROLOGY BUILDING	110

NOTE:
1. BUILDING RESTRICTION LINE HEIGHT ABOVE
PRIMARY SURFACE BRL 1 = 21.4', BRL
2 = 59.2', BRL 3 = 27.1'
2. THERE ARE NO OFZ OBJECT
PENETRATIONS.



BY	DATE	REVISION

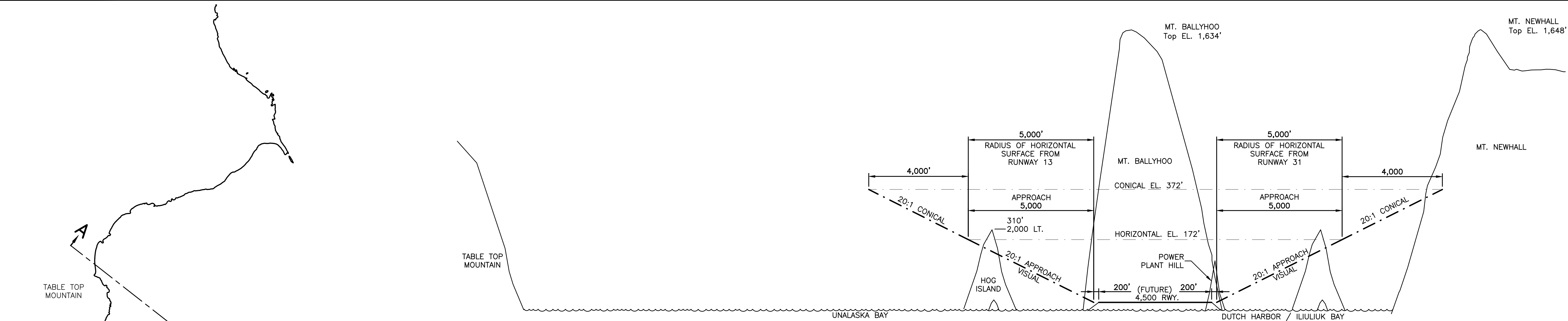
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

UNALASKA AIRPORT
UNALASKA, ALASKA
AIRPORT LAYOUT PLANS

ULTIMATE
LAYOUT PLAN

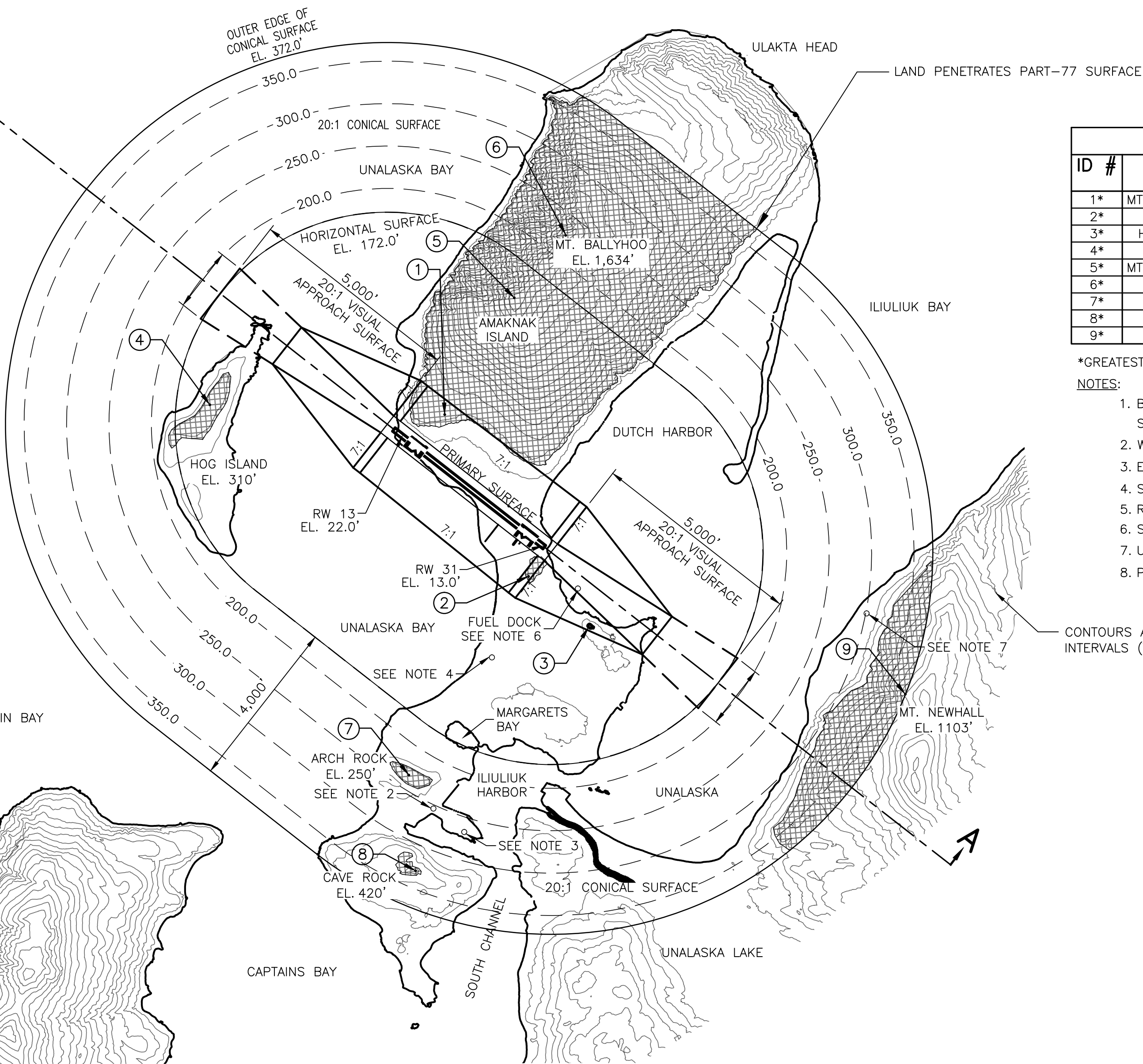
DATE:
MARCH 2012
SHEET:
4
OF
9

Date Plotted: 4/12/2012, 11:50 AM
Layout Name: PART-77
File Name: DUT-ALP-05-AIRSPACE.DWG
Designed By: JRT
Drawn By: HMF
Checked By:



RUNWAY APPROACH PROFILE (SECTION "A-A")

HOR: 1" = 2,000'
VER: 1"=200'



NOTE: WEATHER PERMITTING,
MOST LARGE VESSEL
TRAFFIC TRANSIT
WEST OF HOG
ISLAND.

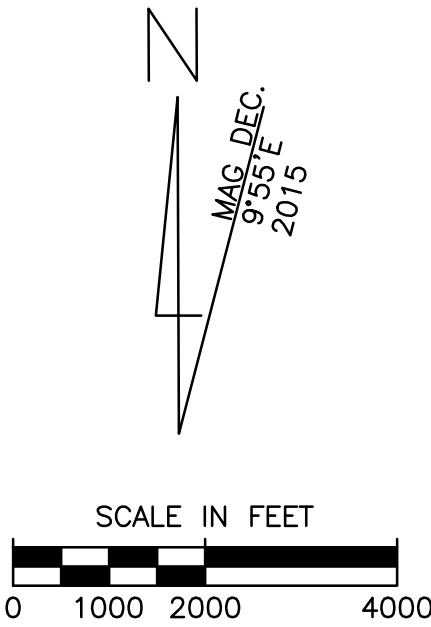
PART 77 SURFACE OBSTRUCTIONS TABLE (OUTER PORTION RW 13/31)								
ID #	DESCRIPTION	STATION/ OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
1*	MT. BALLYHOO, MOUNTAINSIDE	134+75/1015L	290'	TRANSITIONAL	129'	161'	TO CORRECT	ULTIMATE
2*	POWER PLANT HILL	95+67/770R	122'	TRANSITIONAL	87'	35'	TO CORRECT	ULTIMATE
3*	HILL TOP AND TANK FARM	77+14/841R	206.5'	TRANSITIONAL	152'	54.5'	TO REMAIN	N/A
4*	HOG ISLAND	179+77/2216R	310'	HORIZONTAL	172'	138'	TO REMAIN	N/A
5*	MT. BALLYHOO, MOUNTAINSIDE	138+80/4194L	1600'	HORIZONTAL	172'	1428'	TO REMAIN	N/A
6*	MT. BALLYHOO, TOP	138+32/6101L	1634'	CONICAL	227'	1407'	TO REMAIN	N/A
7*	ARCH ROCK	89+04/6197R	250'	CONICAL	233'	17'	TO REMAIN	N/A
8*	CAVE ROCK	73+88/7876R	420'	CONICAL	329'	91'	TO REMAIN	N/A
9*	MT. NEWHALL	08+60/2517L	1103'	CONICAL	371'	732'	TO REMAIN	N/A

*GREATEST PENETRATION IN A LARGE AREA OF TERRAIN PENETRATION, REFER TO OUTLINED AREAS ON MAP.

NOTES:

1. BASIS OF STATIONS, STA 97+00 = RW 31 END, STA 142+00 = RW 13 END, STA 119+50 = RW MIDPOINT. SEE SHEETS 6 & 7.
2. WASTEWATER TREATMENT PLANT 6,700' SW FROM RUNWAY 31 END.
3. EXPEDITION PARK 6,975' SW FROM RUNWAY 31 END.
4. SITKA PARK 2,875' SW FROM RUNWAY 31 END.
5. REFER TO SHEETS 6 & 7 FOR CLOSE-IN OBSTRUCTIONS.
6. SHIPS AND BARGES FREQUENTLY TRANSIT THIS AREA.
7. UNALASKA LANDFILL 7,760' EAST FROM RUNWAY 31 END.
8. PRIMARY SURFACE WIDTH IS 500'.

NON-STANDARD CONDITIONS				
STANDARD MODIFIED	FAA STANDARDS	EXISTING CONDITION	NEAR TERM CONDITIONS	ULTIMATE CONDITIONS
APPROACH SURFACE OVER ROAD R/W-30 (20:1)	15'	0	0	15'
FENCE IN APPROACH SURFACE R/W-30 (20:1)	0'	4'	4'	-
FAR PART-77 SURFACES	NO PENETRATIONS	MOUNTAINS & BUILDINGS SOUTH OF R/W 30 THRESHOLD	MOUNTAINS & BUILDINGS BOTH SIDE OF R/W	MOUNTAINS & BUILDINGS @ SOUTH SIDE OF R/W



PART-77 AIRSPACE SURFACES

HOR: 1" = 2,000'

BY	DATE	REVISION

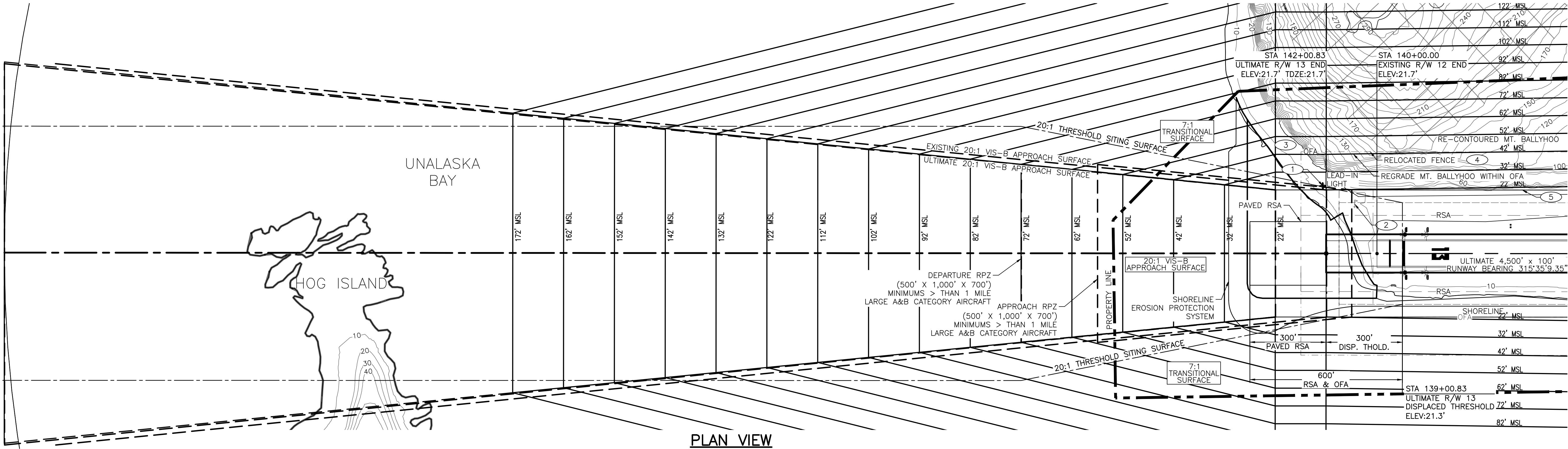
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

UNALASKA AIRPORT
UNALASKA, ALASKA
AIRPORT LAYOUT PLANS
AIRSPACE SURFACES

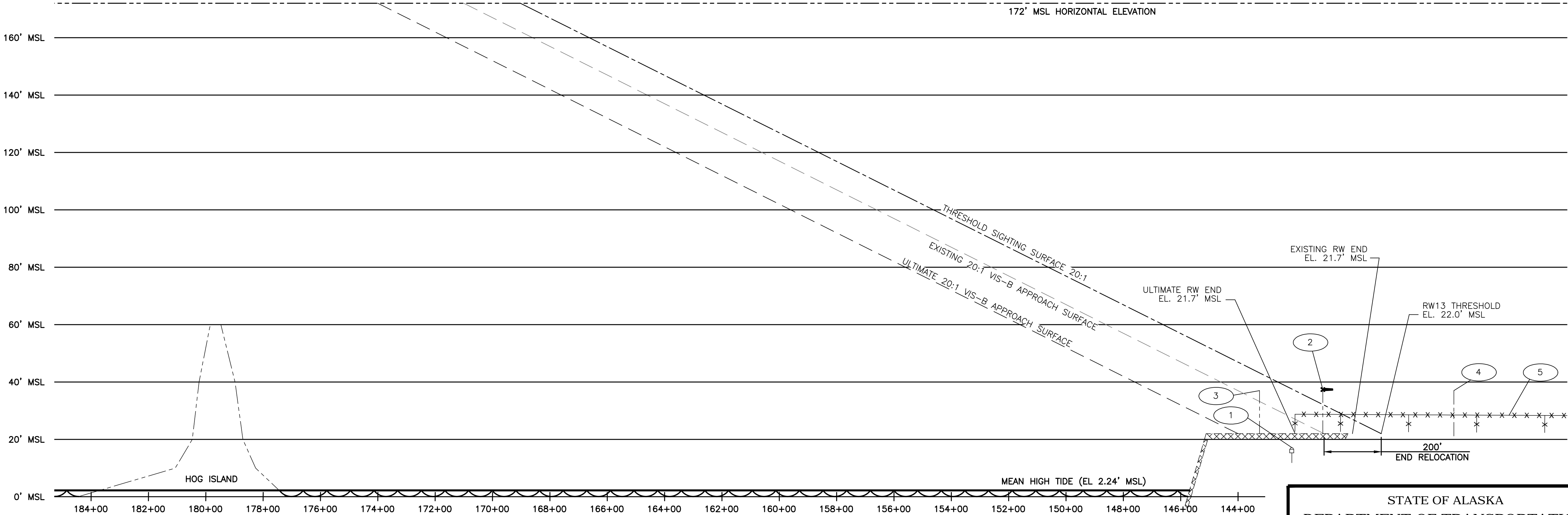
DATE:
MARCH 2012
SHEET:
5
OF
9

Date Plotted: 4/12/2012, 11:51 AM
Layout Name: 2026 RW13
File Name: IDUT-ALP-06-INNER APPROACH RW 13.DWG

Designed By: JRT
Drawn By: HMF
Checked By:



PLAN VIEW



PROFILE VIEW

PART 77 APPROACH SURFACE OBSTRUCTIONS TABLE (INNER PORTION RW 13)							
ID #	DESCRIPTION	STATION/ OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION
1	AIRPORT LEAD-IN LIGHT	142+14/266L	15.3'	TRANSITIONAL	25.6'	0'	NONE
2	UNLIGHTED WINDSOCK	140+89/183L	37.4'	TRANSITIONAL	0'	37.4'	NONE (FRANGIBLE MOUNT)
3	AIRPORT SERVICE ROAD (+15)	143+23/175L	22.0' / 37.0'	TRANSITIONAL	34.0'	0' / 3.0'	AIRPORT CONTROLLED ACCESS
4	AIRPORT SERVICE ROAD (+15)	136+49/296L	22.0' / 37.0'	PRIMARY	0'	0' / 15.0'	TO BE RELOCATED
5	AIRPORT SECURITY FENCE	134+43/234L	28.6'	TRANSITIONAL	26.1'	2.5'	TO BE RELOCATED OUTSIDE OFA

NOTE: NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.

NOTES:
1. THE CONTROLLING OBSTRUCTION FOR RUNWAY 13 IS THE AIRPORT SERVICE ROAD.
2. THERE ARE NO OBJECT PENETRATIONS IN THE RUNWAY APPROACH END SITING SURFACE, AS DEFINED IN FAA AC 150/5300-13, CHG. 18, APP. 2.

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

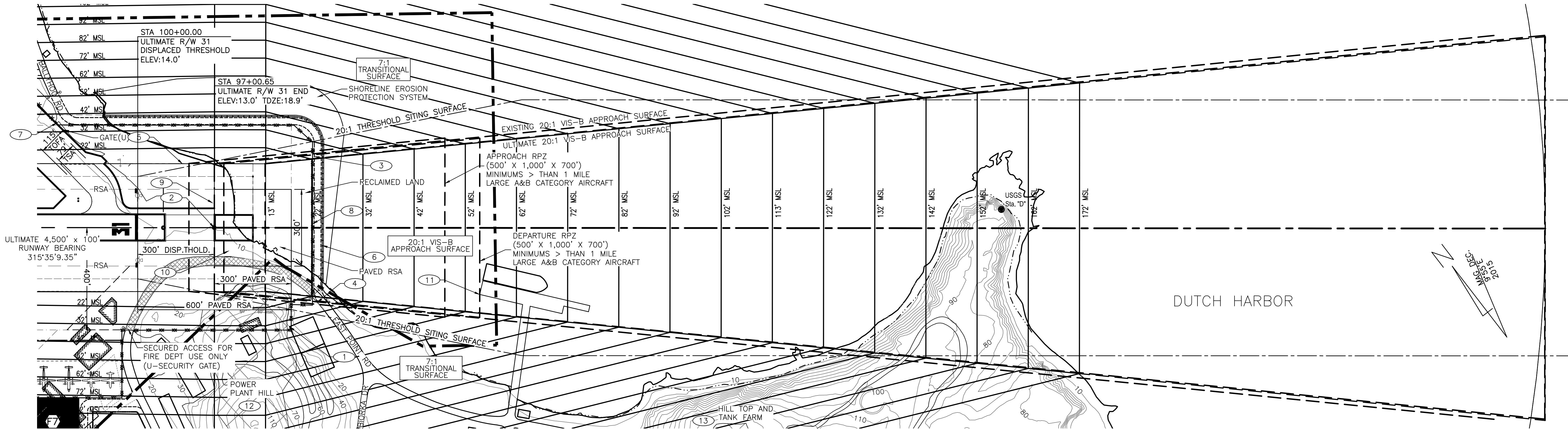
UNALASKA AIRPORT
UNALASKA, ALASKA
AIRPORT LAYOUT PLANS

INNER PORTION
OF APPROACH, RUNWAY 13

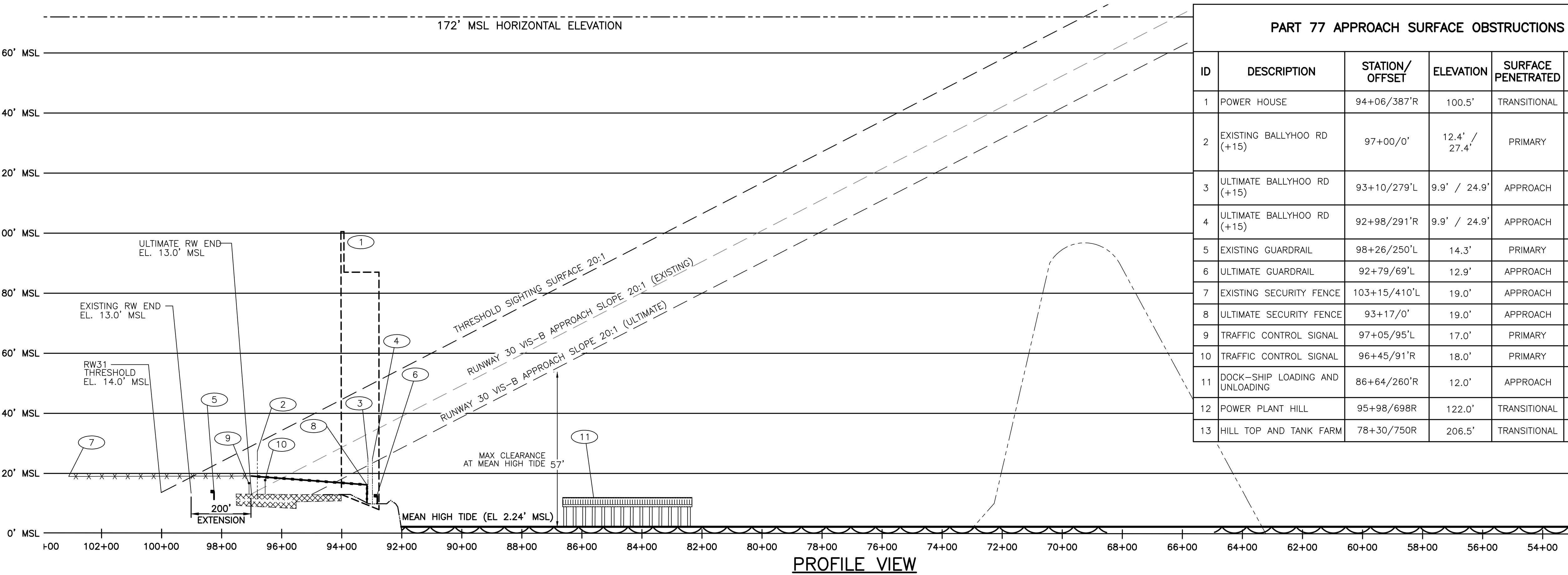
DATE:
MARCH 2012

SHEET:
6 OF 9

4/12/2012, 11:53 AM
Designed By: JRT
Drawn By: HMF
Checked By:
Date Plotted: 4/12/2012, 11:53 AM
Layout Name: 2026 RW31
File Name: DUT-ALP-07-INNER APPROACH RW 31.DWG



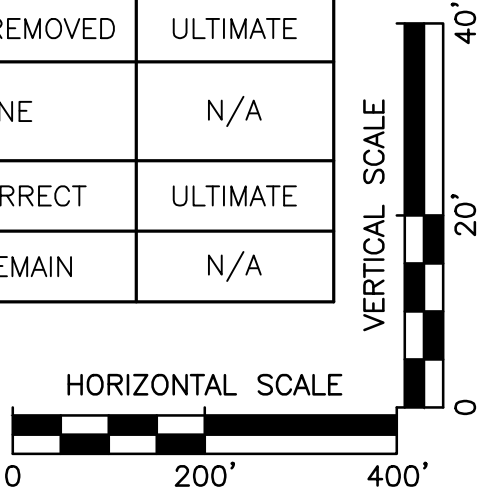
PLAN VIEW



PROFILE VIEW

PART 77 APPROACH SURFACE OBSTRUCTIONS TABLE (INNER PORTION RW 31)

ID	DESCRIPTION	STATION/OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
1	POWER HOUSE	94+06/387'R	100.5'	TRANSITIONAL	37.9'	62.6'	TO REMAIN	N/A
2	EXISTING BALLYHOO RD (+15)	97+00/0'	12.4' / 27.4'	PRIMARY	16.0'	0' / 11.4'	AIRPORT CONTROLLED ACCESS FOR FIRE DEPARTMENT USE ONLY	N/A
3	ULTIMATE BALLYHOO RD (+15)	93+10/279'L	9.9' / 24.9'	APPROACH	35.0'	0' / 0'	TO REMAIN	N/A
4	ULTIMATE BALLYHOO RD (+15)	92+98/291'R	9.9' / 24.9'	APPROACH	35.0'	0' / 0'	TO REMAIN	N/A
5	EXISTING GUARDRAIL	98+26/250'L	14.3'	PRIMARY	13.0'	1.3'	TO BE REMOVED	NEAR TERM
6	ULTIMATE GUARDRAIL	92+79/69'L	12.9'	APPROACH	24.0'	0'	NONE	N/A
7	EXISTING SECURITY FENCE	103+15/410'L	19.0'	APPROACH	9.5'	9.5'	NONE	N/A
8	ULTIMATE SECURITY FENCE	93+17/0'	19.0'	APPROACH	22.1'	0'	NONE	N/A
9	TRAFFIC CONTROL SIGNAL	97+05/95'L	17.0'	PRIMARY	15.0'	2.0'	TO BE REMOVED	ULTIMATE
10	TRAFFIC CONTROL SIGNAL	96+45/91'R	18.0'	PRIMARY	17.5'	0.5'	TO BE REMOVED	ULTIMATE
11	DOCK-SHIP LOADING AND UNLOADING	86+64/260'R	12.0'	APPROACH	56.8'	0'	NONE	N/A
12	POWER PLANT HILL	95+98/698R	122.0'	TRANSITIONAL	87.0'	35.0'	TO CORRECT	ULTIMATE
13	HILL TOP AND TANK FARM	78+30/750R	206.5'	TRANSITIONAL	152.0'	54.5'	TO REMAIN	N/A



- NOTES:
- THE CONTROLLING OBSTRUCTION FOR RUNWAY 13 IS BALLYHOO ROAD.
 - THERE ARE NO OBJECT PENETRATIONS IN THE RUNWAY APPROACH END SITING SURFACE, AS DEFINED IN FAA AC 150/5300-13, CHG. 18, APP. 2.

NOTE: NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.

BY	DATE	REVISION

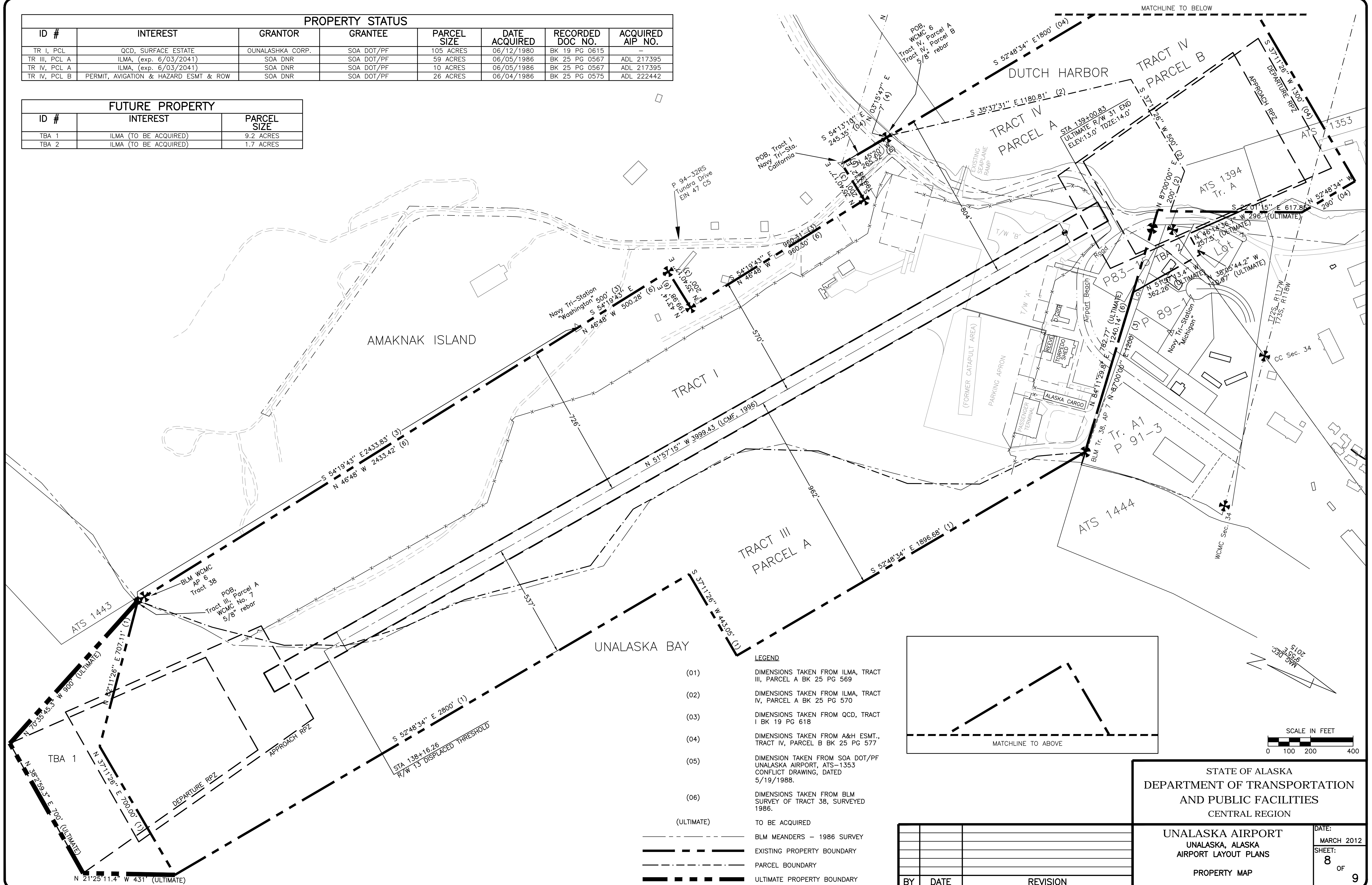
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION

UNALASKA AIRPORT
UNALASKA, ALASKA
AIRPORT LAYOUT PLANS

INNER PORTION
OF APPROACH, RUNWAY 31

DATE:
MARCH 2012
SHEET:
7
OF
9

FUTURE PROPERTY		
ID #	INTEREST	PARCEL SIZE
TBA 1	ILMA (TO BE ACQUIRED)	9.2 ACRES
TBA 2	ILMA (TO BE ACQUIRED)	1.7 ACRES



BY	DATE	REVISION

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

AND PUBLIC FACILITIES

CENTRAL REGION

UNALASKA AIRPORT

UNALASKA, ALASKA

AIRPORT LAYOUT PLANS

PROPERTY MAP

DATE:
MARCH 2012

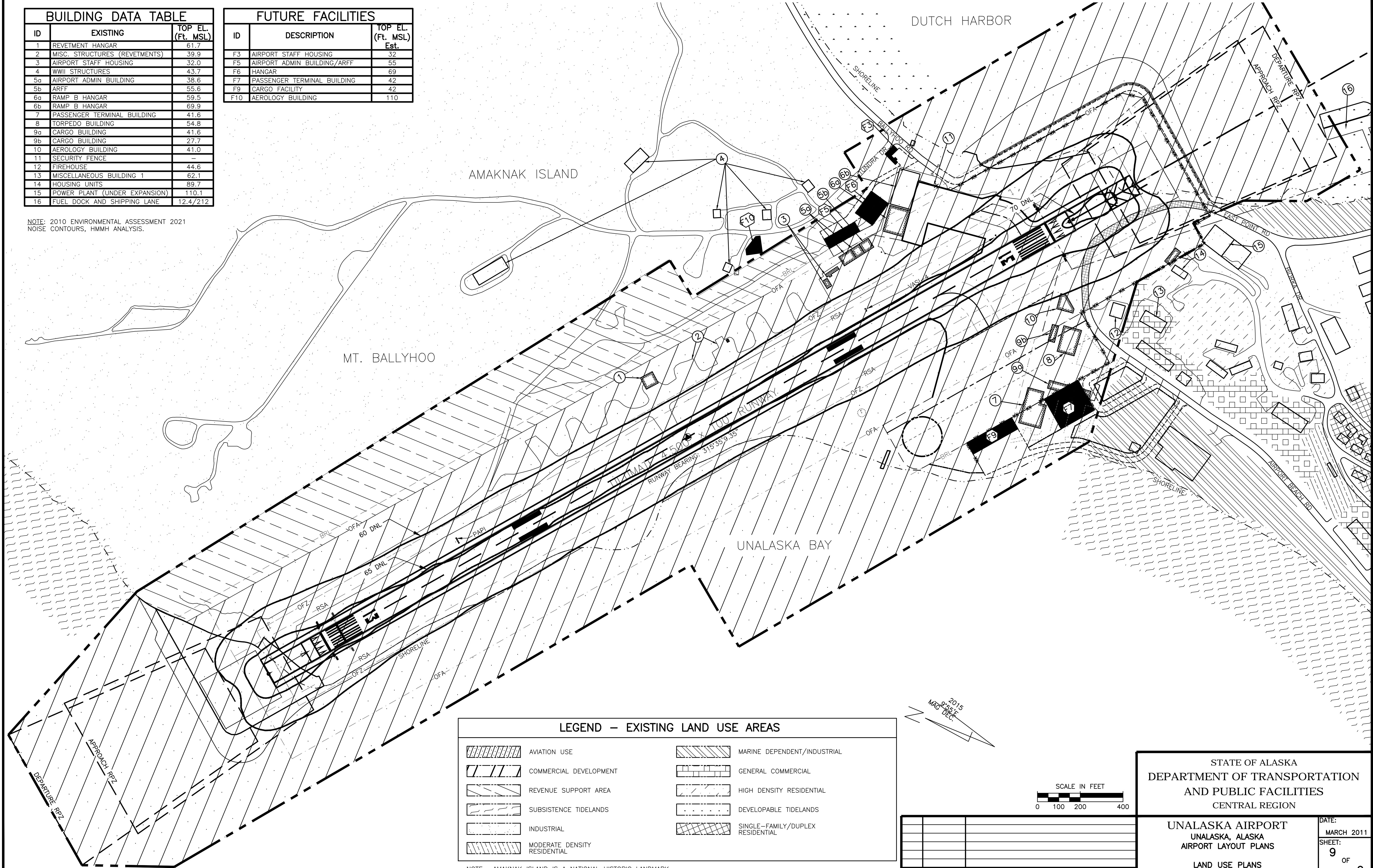
SHEET:
8 OF 9

BUILDING DATA TABLE		
ID	EXISTING	TOP EL. (Ft. MSL)
1	REVTMENT HANGAR	61.7
2	MISC. STRUCTURES (REVTMENTS)	39.9
3	AIRPORT STAFF HOUSING	32.0
4	WWII STRUCTURES	43.7
5a	AIRPORT ADMIN BUILDING	38.6
5b	ARFF	55.6
6a	RAMP B HANGAR	59.5
6b	RAMP B HANGAR	69.9
7	PASSENGER TERMINAL BUILDING	41.6
8	TORPEDO BUILDING	54.8
9a	CARGO BUILDING	41.6
9b	CARGO BUILDING	27.7
10	AEROLOGY BUILDING	41.0
11	SECURITY FENCE	-
12	FIREHOUSE	44.6
13	MISCELLANEOUS BUILDING 1	62.1
14	HOUSING UNITS	89.7
15	POWER PLANT (UNDER EXPANSION)	110.1
16	FUEL DOCK AND SHIPPING LANE	12.4/212

FUTURE FACILITIES		
ID	DESCRIPTION	TOP EL. (Ft. MSL) Est.
F3	AIRPORT STAFF HOUSING	32
F5	AIRPORT ADMIN BUILDING/ARFF	55
F6	HANGAR	69
F7	PASSENGER TERMINAL BUILDING	42
F9	CARGO FACILITY	42
F10	AEROLOGY BUILDING	110

NOTE: 2010 ENVIRONMENTAL ASSESSMENT 2021
NOISE CONTOURS, HMMH ANALYSIS.

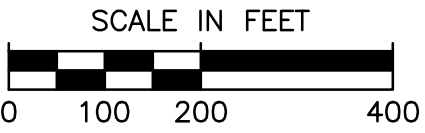
Date Plotted: 4/12/2012, 11:55 AM
Layout Name: NEAR TERM
File Name: DUT-ALP-09-LAND USE.DWG
Designed By: JRT
Drawn By: HMF
Checked By:



LEGEND - EXISTING LAND USE AREAS			
	AVIATION USE		MARINE DEPENDENT/INDUSTRIAL
	COMMERCIAL DEVELOPMENT		GENERAL COMMERCIAL
	REVENUE SUPPORT AREA		HIGH DENSITY RESIDENTIAL
	SUBSISTENCE TIDELANDS		DEVELOPABLE TIDELANDS
	INDUSTRIAL		SINGLE-FAMILY/DUPLEX RESIDENTIAL
	MODERATE DENSITY RESIDENTIAL		

NOTE: AMAKNAK ISLAND IS A NATIONAL HISTORIC LANDMARK.

BY	DATE	REVISION



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION	
UNALASKA AIRPORT UNALASKA, ALASKA AIRPORT LAYOUT PLANS	
LAND USE PLANS	
DATE: MARCH 2011	SHEET: 9 OF 9