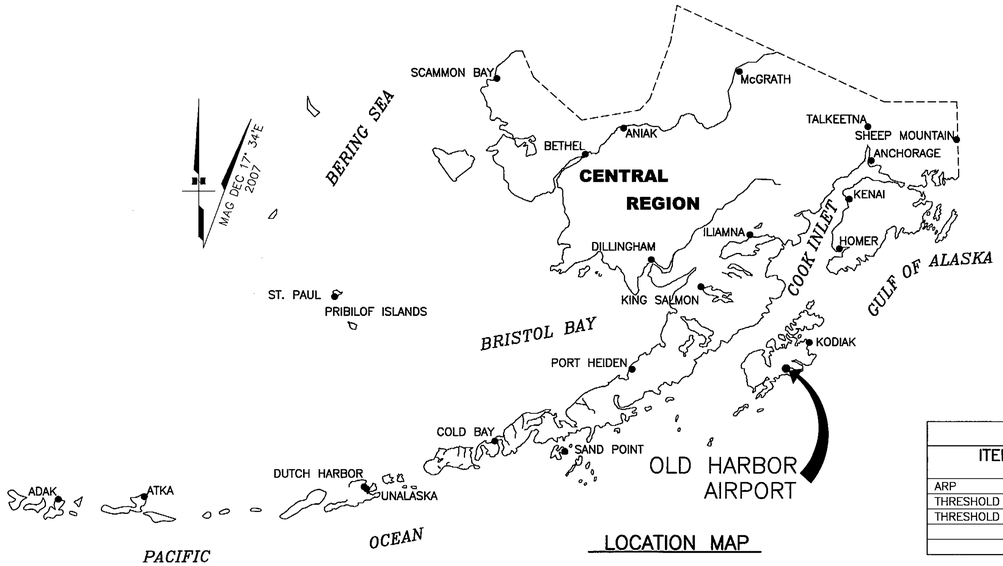


LOCATION MAP

LEGEND

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

GEOGRAPHIC COORDINATES TABLE

ITEM	EXISTING LATITUDE	EXISTING LONGITUDE	ULTIMATE LATITUDE	ULTIMATE LONGITUDE
ARP	57°13'05.90"N	153°16'11.40"W	57°13'04.84"N	153°16'13.15"W
THRESHOLD RW 2	57°12'55.80"N	153°16'28.05"W	57°12'54.12"N	153°16'30.83"W
THRESHOLD RW 20	57°13'16.00"N	153°15'54.74"W	57°13'15.56"N	153°15'55.47"W

AIRPORT DATA TABLE

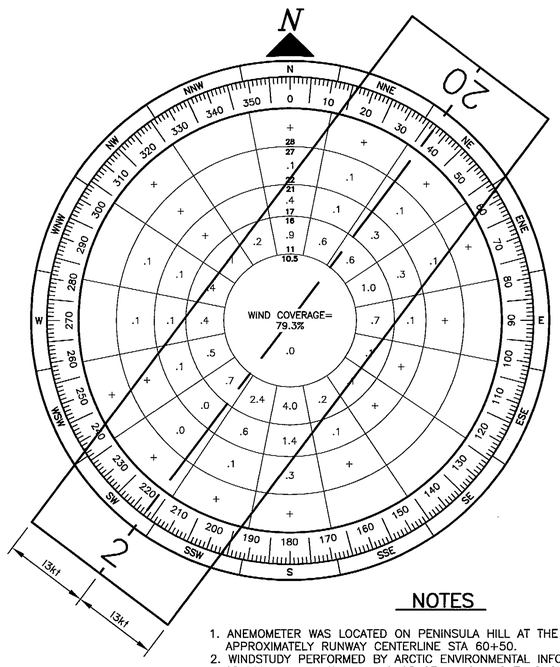
ITEM	EXISTING	ULTIMATE
ICAO IDENTIFIER	NONE	NONE
NATIONAL AIRPORT IDENTIFIER	6R7	6R7
FAA SITE NUMBER	50558.1*A	50558.1*A
AIRPORT ELEVATION	55'	55'
AIRPORT REFERENCE CODE	A-I	B-II
MEAN MAX. TEMPERATURE, HOTTEST MONTH	62 F° AUGUST	62 F° AUGUST
AIRPORT AND TERMINAL NAVIGATION AIDS	NONE	NONE
TAXIWAY LIGHTING/MARKING	NONE / CONES	NONE / CONES
OBSTRUCTION SURVEY SOURCE & TYPE	NONE	NONE
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	18°02' E, 2005 0°13' (W) / YEAR 16°56' E, 2010 0°13' (W) / YEAR	

RUNWAY 2/20 DATA TABLE

ITEM	EXISTING	NEAR-TERM	ULTIMATE
RUNWAY TYPE UTILITY OR OTHER THAN UTILITY	UTILITY		UTILITY
FAR PART 77 APPROACH CATEGORY (V, NPI, P)	V/V		V/V
APPROACH SURFACES	20:1/20:1		20:1/20:1
VISIBILITY MINIMUM	≥ 1SM		≥ 1SM
RUNWAY SURFACE	GRAVEL		GRAVEL
PAVEMENT STRENGTH SW,DW,DTW,DDTW x1000lbs	N/A		N/A
AIRCRAFT APPROACH CATEGORY	A		B
AIRPLANE DESIGN GROUP	I		II
TRUE BEARING	N41°48'54"E		N41°48'54"E
EFFECTIVE GRADE	0.05%		0.05%
TOUCHDOWN ELEVATION NAVD88	54.5'		54.5'
RUNWAY DIMENSIONS	60' x 2750'		75' x 2920'
RUNWAY SAFETY AREA (RSA) DIMENSIONS	120' x 3230'		150' x 3520'
LENGTH BEYOND R/W END	240' / 240'		300' / 300'
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	250' x 450' x 1000'		250' x 450' x 1000'
RUNWAY OBJECT FREE AREA (ROFA) DIMENSIONS	250' x 3350'		500' x 3520'
LENGTH BEYOND R/W END OR STOPWAY	240'/240'		300'/300'
RUNWAY OBSTACLE FREE ZONE (ROFZ) DIMENSIONS	250' x 3150'		250' x 3300'
RUNWAY LIGHTING	NONE		NONE
RUNWAY MARKING TYPE	REFLECTIVE CONES & THRESHOLD MARKERS		REFLECTIVE CONES & THRESHOLD MARKERS
RUNWAY VISUAL APPROACH AIDS	NONE		NONE

NOTES

1. THE RUNWAY THRESHOLDS, ARP, AND TRUE BEARING SHOWN ON THIS ALP HAVE BEEN CALCULATED USING HANDHELD GPS COORDINATES. THE RUNWAY BEARING INDICATED ON THE 1992 ALP DIFFERS FROM THE BEARING CALCULATED FOR THIS ALP. THE METHOD USED TO DETERMINE THE RUNWAY BEARING ON THE 1992 ALP IS UNKNOWN.
2. AIRPORT ELEVATION IS ESTIMATED FROM THE 1994 PROJECT AS-BUILT.
3. UNABLE TO VERIFY LOCATION OF SURVEY MONUMENTS SHOWN ON THIS ALP DURING THE NOVEMBER 2006 SITE VISIT.



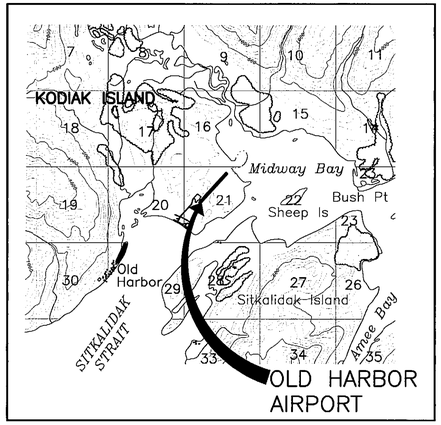
NOTES

1. ANEMOMETER WAS LOCATED ON PENINSULA HILL AT THE NORTH END, AT APPROXIMATELY RUNWAY CENTERLINE STA 60+50.
2. WINDSTUDY PERFORMED BY ARCTIC ENVIRONMENTAL INFORMATION AND DATA CENTER, UNIVERSITY OF ANCHORAGE, ALASKA. DATA SHOWN IS FOR THE PERIODS: 6/8/90-12/4/90. DATA WAS COLLECTED USING A CONTINUOUS 20 MINUTE DATA LOGGER. SAMPLE PERIOD SHOWN IS ALL DATA COLLECTED UNDER U.A.A. CONTRACT.
3. LESS THAN 0.05% INDICATED BY "+".

WIND DATA TABLE

RUNWAY	10.5 kt	13 kt	16 kt	20 kt
2/20	93.9%	95.8%	–	–

* WIND DATA TAKEN FROM 1992 ALP WINDROSE.



VICINITY MAP

T 34 S, R 25 W, SEC. 21,
SEWARD MERIDIAN
U.S.G.S. KODIAK (A-4), ALASKA

SCALE IN STATUTE MILES

1 SM .5 SM 0 1 SM 2 SM

MODIFICATION TO STANDARDS/ NON STANDARD CONDITIONS

DESCRIPTION	STANDARD	EXISTING	ULTIMATE
LANDFILL	AT LEAST 5000' FROM RUNWAY	2500' FROM RUNWAY	AT LEAST 5000' FROM RUNWAY

BY	DATE	REVISION

APPROVED: DATE: 1-30-2008

ROBERT A. CAMPBELL, P.E. PRECONSTRUCTION ENGINEER

RECOMMENDED: DATE: 1-29-2008

HARVEY M. DOUTHIT, P.E. DESIGN SECTION CHIEF

AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO ALP APPROVAL LETTER DATED 6/10/2008
FAA AIRSPACE REVIEW NUMBER: 2007-AAL-203-NRA

DATE: 6/10/08

FAA, AIRPORTS DIVISION ALASKAN REGION, AAL-607

DRAWING INDEX

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION

OLD HARBOR AIRPORT
OLD HARBOR, ALASKA
AIRPORT LAYOUT PLAN

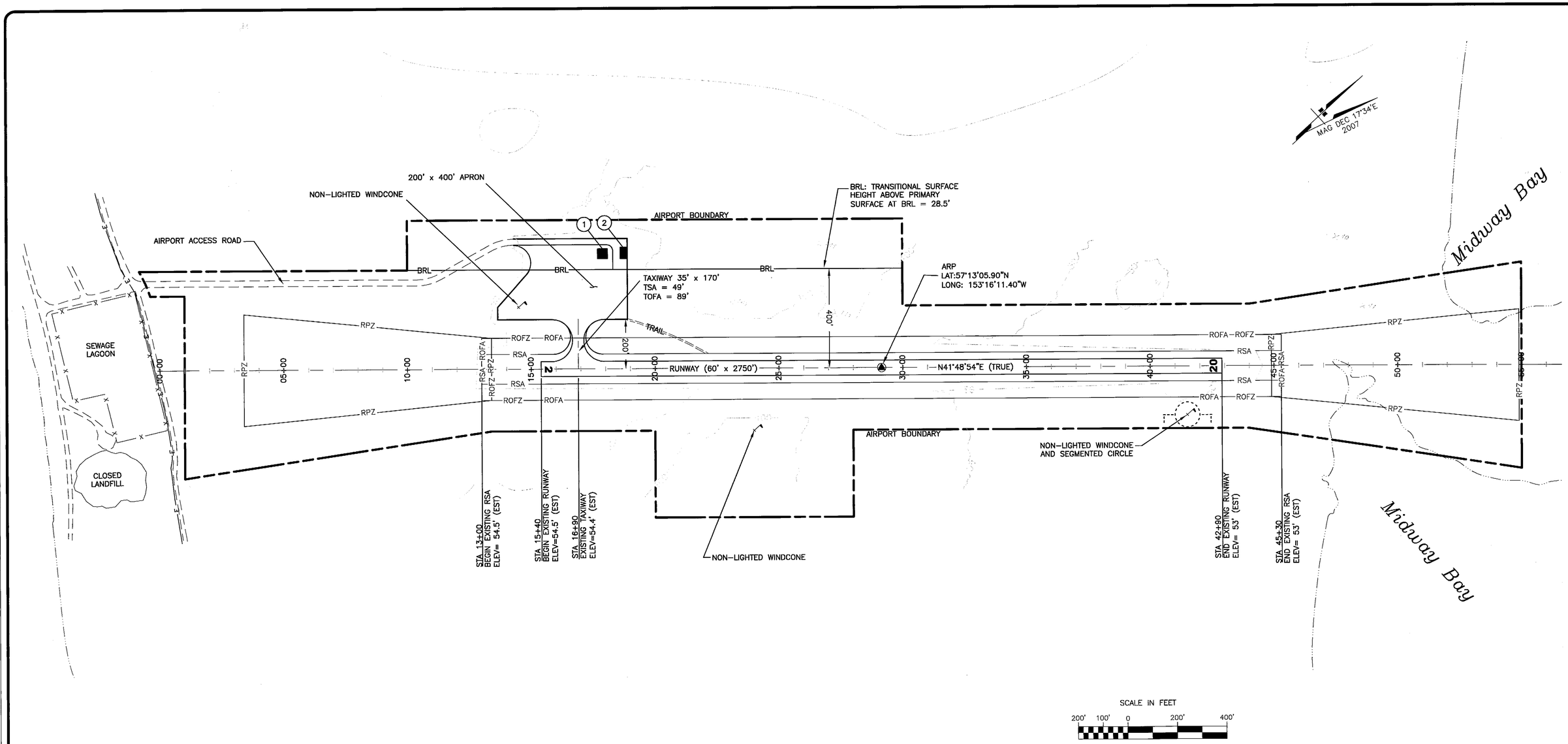
AIRPORT DATA SHEET

DATE: 10/11/2007
SHEET: 1 OF 6

Date Plotted: 1/23/2008, 9:07 AM
Layout Name: Model
File Name: P:\Projects\059422\059422K(Oldharbor)\ALP\ALP_OldHarbor_Data.dwg

Designed By: nilewalyn
Drawn By: mbauer
Checked By: bhanson

FILE No.: 232-50-1



NOTES

1. NO ROFZ OBJECT PENETRATIONS.

BUILDING DATA TABLE

ID #	DESCRIPTION	STATION/ OFFSET	TOP ELEV (NAVD88)	OBSTRUCT MARKING
①	PRIVATE HANGAR*	17+89.6/464'LT	72'	NONE
②	EQUIPMENT STORAGE BUILDING	18+73/467'LT	72'	NONE

* BUILDING LOCATION AND ELEVATIONS ARE ESTIMATED.

BY	DATE	REVISION

OLD HARBOR AIRPORT
OLD HARBOR, ALASKA
AIRPORT LAYOUT PLAN

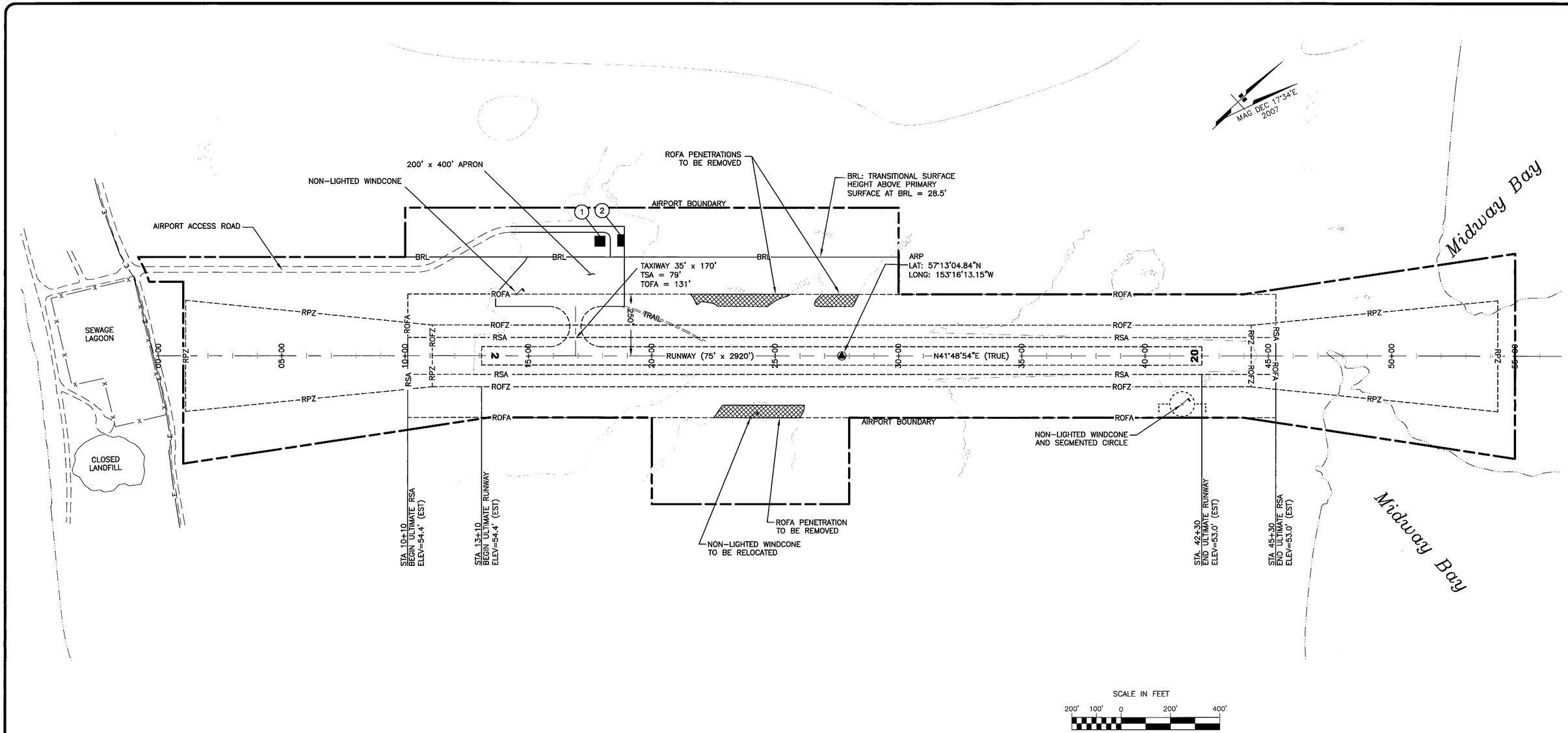
EXISTING AIRPORT LAYOUT PLAN

DATE: 10/11/2007
SHEET: 2 OF 6

FILE No.: 232-50-2

Designed By:		nllewellyn
Drawn By:		mbauer
Checked By:		bhanson

Date Plotted:	1/23/2008, 9:06 AM
Layout Name:	ELAYOUT
File Name:	P:\Projects\059422\059422K(OldHarbor)\ALP\ALP_OldHarbor.dwg



SCALE IN FEET

200' 100' 0 200' 400'

BUILDING DATA TABLE				
ID #	DESCRIPTION	STATION/ OFFSET	TOP ELEV (NAVD88)	OBSTRUCT MARKING
①	PRIVATE HANGAR*	17+89.6/464'LT	72'	NONE
②	EQUIPMENT STORAGE BUILDING	18+73/467'LT	72'	NONE

* BUILDING LOCATION AND ELEVATIONS ARE ESTIMATED.

NOTES

1. NO ROFZ OBJECT PENETRATIONS.
2. TERRAIN PENETRATIONS TO GROUP II ROFA TO BE REMOVED.

BY	DATE	REVISION

OLD HARBOR AIRPORT
OLD HARBOR, ALASKA
AIRPORT LAYOUT PLAN

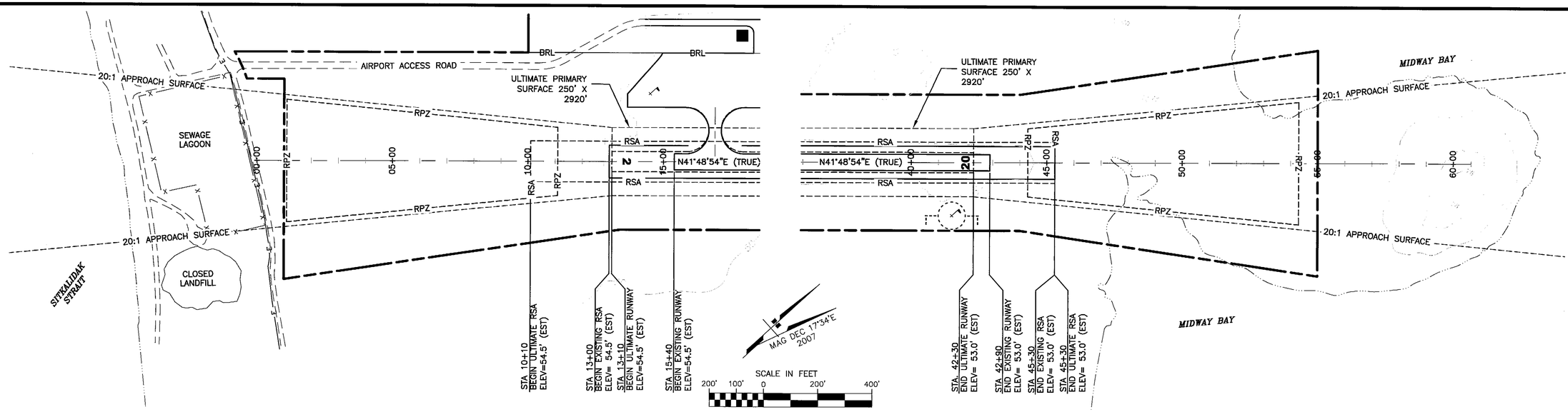
ULTIMATE AIRPORT LAYOUT PLAN

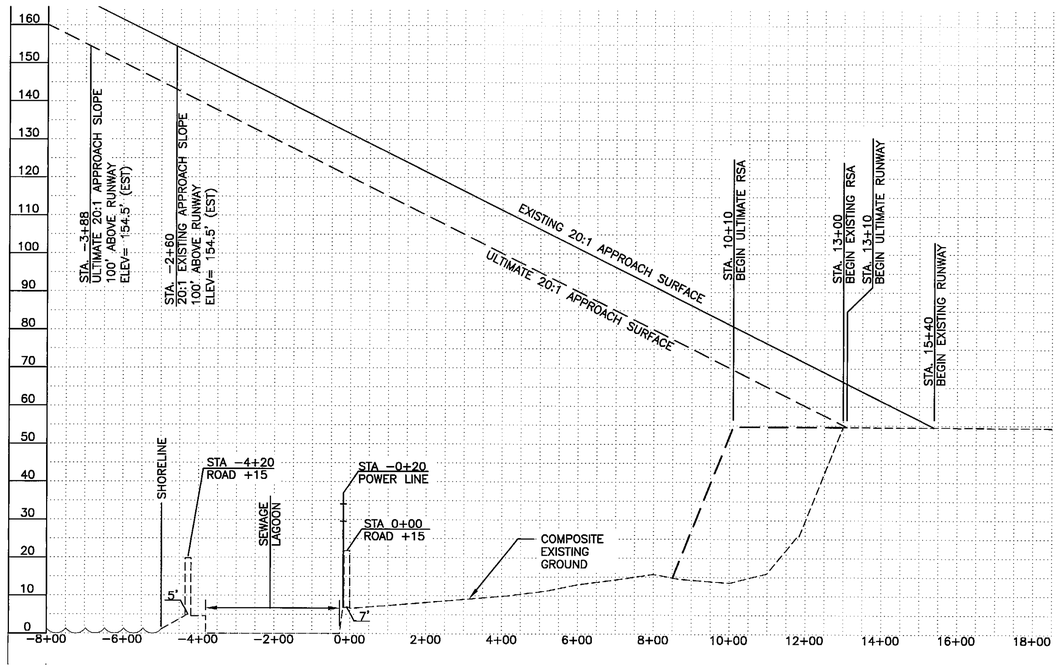
DATE: 10/11/2007

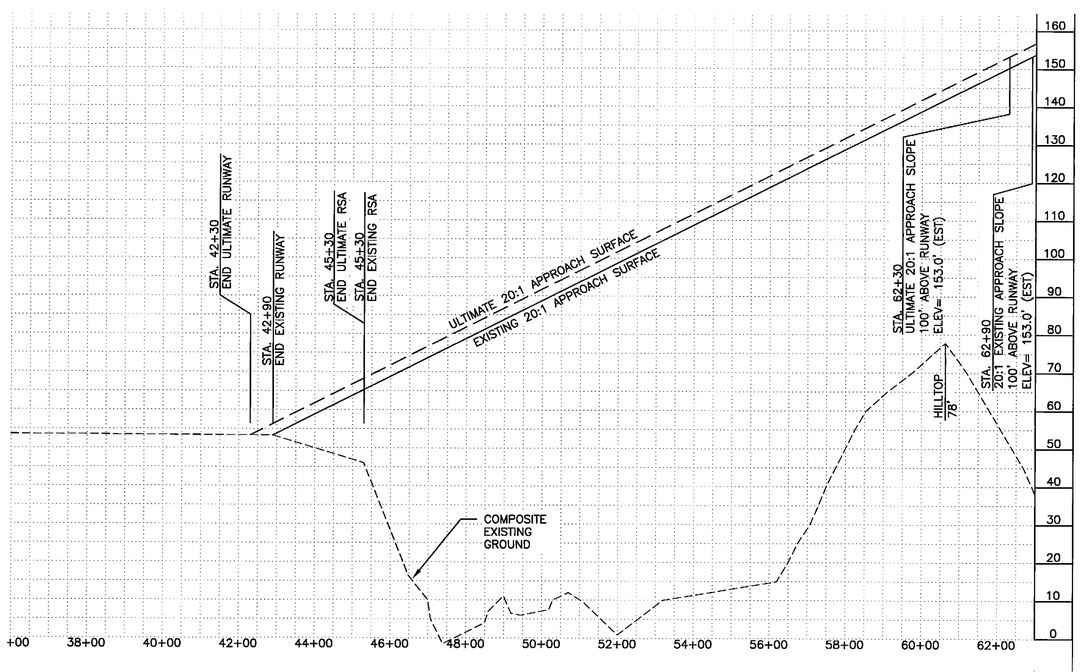
SHEET: 3 OF 6

FILE No.: 232-50-3

Designed By:	nllewellyn
Drawn By:	mbauer
Checked By:	bhanson
Date Plotted:	1/23/2008, 9:06 AM
Layout Name:	ULAYOUT
File Name:	P:\Projects\D59422\D59422K(OldHarbor)\ALP\ALP_OldHarbor.dwg







NOTES

1. THERE ARE NO OBSTRUCTIONS IN THE APPROACH TO RUNWAY 2, THEREFORE THE OBSTRUCTION CLEARANCE SLOPE IS ESTABLISHED AS 50:1 PER FAA AC 150/5200-35, CHAP. 4.
2. THERE ARE NO OBJECT PENETRATIONS IN THE RUNWAY APPROACH END SITING SURFACE OF RUNWAY 2, AS DEFINED IN FAA AC 150/5300-13, TABLE A2-1, ROW 5.

20:1 APPROACH SURFACE OBSTRUCTIONS TABLE (INNER PORTION RW 2)

ID #	DESCRIPTION	STATION/ OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
	NONE							

* REFER TO THE AIRPORT AIRSPACE DRAWING FOR PENETRATIONS OF THE OUTER APPROACH SURFACES.

NOTES

1. THERE ARE NO OBSTRUCTIONS IN THE APPROACH TO RUNWAY 20, THEREFORE THE OBSTRUCTION CLEARANCE SLOPE IS ESTABLISHED AS 50:1 PER FAA AC 150/5200-35, CHAP. 4.
2. THERE ARE NO OBJECT PENETRATIONS IN THE RUNWAY APPROACH END SITING SURFACE OF RUNWAY 20, AS DEFINED IN FAA AC 150/5300-13, TABLE A2-1, ROW 2.

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

20:1 APPROACH SURFACE OBSTRUCTIONS TABLE (INNER PORTION RW 20)

ID #	DESCRIPTION	STATION/ OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION	STAGE TO CORRECT
	NONE							

* REFER TO THE AIRPORT AIRSPACE DRAWING FOR PENETRATIONS OF THE OUTER APPROACH SURFACES.

BY	DATE	REVISION

OLD HARBOR AIRPORT
OLD HARBOR, ALASKA
AIRPORT LAYOUT PLAN

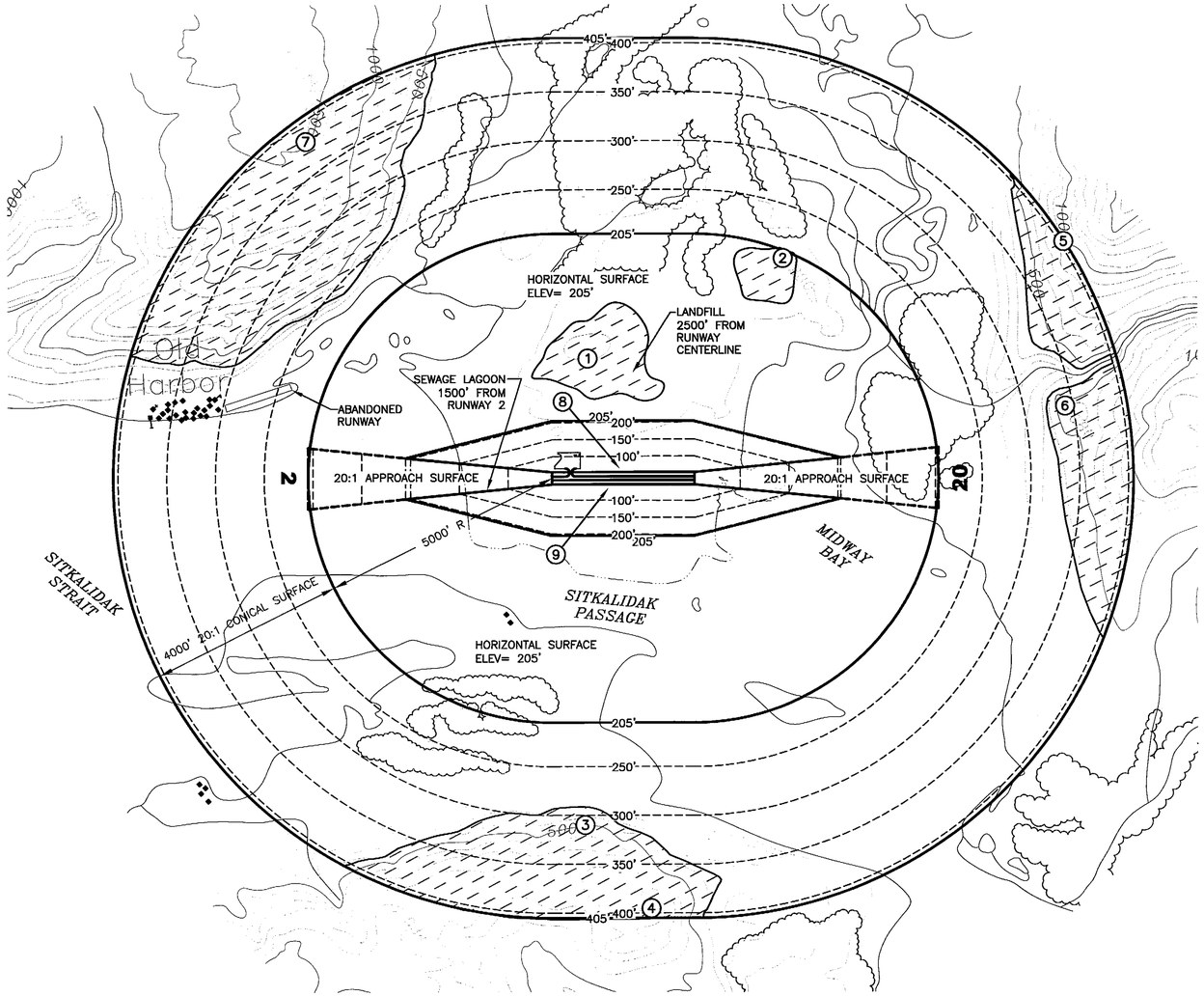
INNER PORTION OF THE APPROACH SURFACE

DATE: 10/11/2007
SHEET: 4 OF 6

Designed By: nllewellyn
Drawn By: rmbauer
Checked By: bhonson
Date Plotted: 1/23/2008, 9:05 AM
Login Name: APPS
File Name: P:\Projects\059422\059422K(OldHarbor)\ALP\ALP_OldHarbor.dwg
FILE No.: 232-50-4

PART 77 SURFACE OBSTRUCTIONS TABLE (OUTER PORTION RW 2/20)								
ID #	DESCRIPTION	STATION/ OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENTRATION	DISPOSTION	STAGE TO CORRECT
1*	HIGHEST TERRAIN POINT	20+67/2417'LT	368'	HORIZONTAL	205'	163'	TO REMAIN	
2*	HIGHEST TERRAIN POINT	60+86/4484'LT	280'	HORIZONTAL	205'	75'	TO REMAIN	
3*	HIGHEST TERRAIN POINT	19+79/7116'RT	500'	CONICAL	310'	190'	TO REMAIN	
4*	HIGHEST TERRAIN POINT	32+93/8810'RT	900'	CONICAL	400'	500'	TO REMAIN	
5*	HIGHEST TERRAIN POINT	119+05/4796'LT	1000'	CONICAL	400'	600'	TO REMAIN	
6*	HIGHEST TERRAIN POINT	118+40/1419'LT	680'	CONICAL	325'	355'	TO REMAIN	
7*	HIGHEST TERRAIN POINT	-37+20/6830'LT	1500'	CONICAL	375'	1125'	TO REMAIN	
8	TERRAIN	26+95/200'LT	141'	TRANSITIONAL	66'	75'	TO REMAIN	
9	TERRAIN	30+95/200'RT	100'	TRANSITIONAL	66'	34'	TO REMAIN	

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

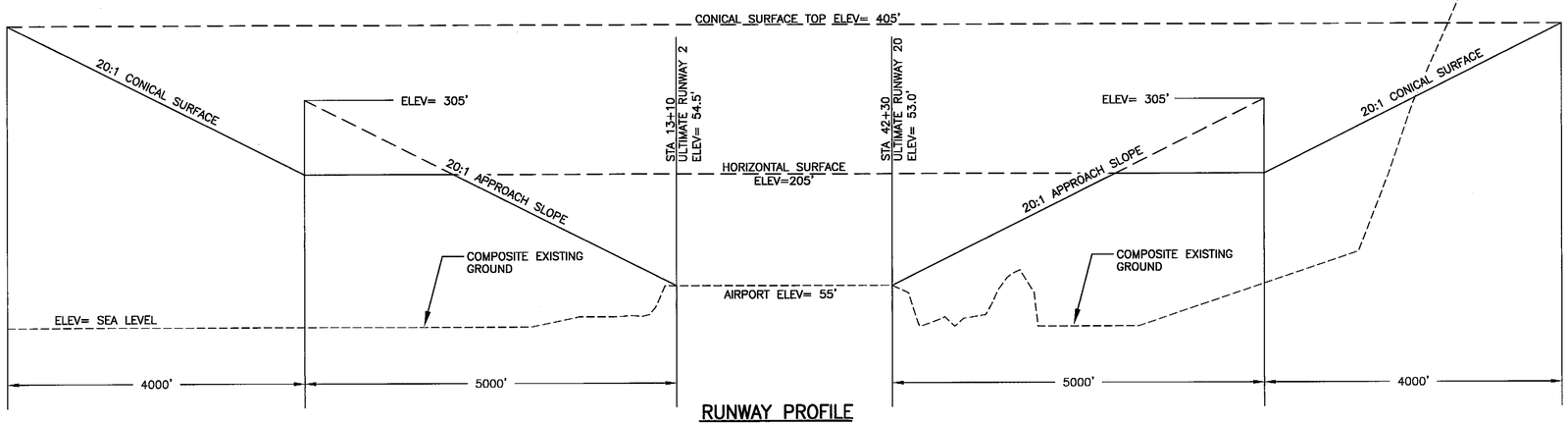


SCALE IN FEET

1500' 750' 0 1500' 3000'

NOTES

1. BASEMAP DATA FROM USGS QUAD KODIAK (A-4). TOPO CONTOURS SHOWN IN FEET.
2. PRIMARY SURFACE WIDTH IS 250'.
3. A RANGE FINDER WITH A BUILT-IN INCLINOMETER WAS USED TO IDENTIFY OBSTRUCTIONS.
4. PART 77 SURFACES BASED ON ULTIMATE AIRPORT LAYOUT.
5. THERE ARE NO ORDINANCES OR STATUTES IN EFFECT THAT SPECIFY HEIGHT RESTRICTIONS.
6. AIRPORT ELEVATION IS 55'.
7. REFER TO THE INNER APPROACH PORTION OF THE APPROACH SURFACE DRAWINGS FOR CLOSE-IN OBSTRUCTIONS.



RUNWAY PROFILE

SCALE IN FEET

1000' 500' 0 1000' 2000'

HORIZONTAL TO VERTICAL RATIO 10:1

BY	DATE	REVISION

OLD HARBOR AIRPORT
OLD HARBOR, ALASKA
AIRPORT LAYOUT PLAN

AIRPORT AIRSPACE
14 CFR, PART 77

DATE: 10/11/2007
SHEET: 5 OF 6

Date Plotted: 1/23/2008, 9:05 AM
Layout Name: P77
File Name: P:\Projects\059422\059422k(OldHarbor)\ALP\ALP_OldHarbor.dwg

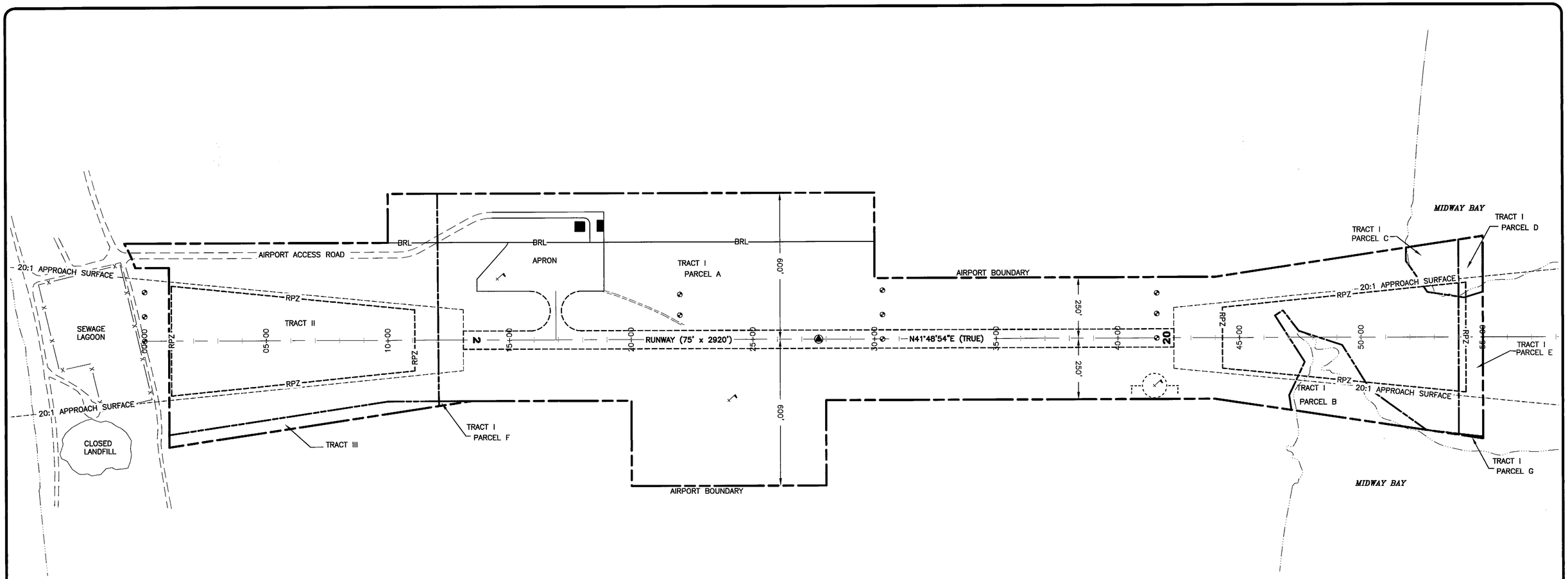
Designed By: nlewellyn
Drawn By: mbauer
Checked By: bhanson

FILE No.: 232-50-5

FILE No.: 232-50-6

Designed By:	nlewellyn
Drawn By:	mbauer
Checked By:	bhanson

Date Plotted:	1/23/2008, 9:04 AM
Layout Name:	PROP
File Name:	P:\Projects\D59422\D59422K(OldHarbor)\ALP\ALP_OldHarbor.dwg



SCALE IN FEET

200' 100' 0 200' 400'

NOTE

1. ULTIMATE LAYOUT DEPICTED.
2. TRACT I, PARCEL G IS A VERY SMALL AREA THAT IS DIFFICULT TO SHOW ON THIS PROPERTY MAP.

PROPERTY STATUS

ID #	INTEREST	GRANTOR	GRANTEE	PARCEL SIZE	DATE ACQUIRED	RECORDED DOC NO.	ACQUIRED AIP NO.
TR I, PCL A	DEED TO SURFACE ESTATE	CITY OF OLD HARBOR	STATE OF ALASKA, DOT/PF	69.38 ac	7-9-86		
TR I, PCL B	AVIGATION HAZARD EASEMENT	–	STATE OF ALASKA, DOT/PF	2.41 ac	3-2-87		
TR I, PCL C	AVIGATION HAZARD EASEMENT	–	STATE OF ALASKA, DOT/PF	0.88 ac	3-2-87		
TR I, PCL D	AVIGATION HAZARD EASEMENT	–	STATE OF ALASKA, DOT/PF	0.54 ac	5-16-90		
TR I, PCL E	DEED TO SURFACE ESTATE	CITY OF OLD HARBOR	STATE OF ALASKA, DOT/PF	1.32 ac	5-16-90		
TR I, PCL F	DEED TO SURFACE ESTATE	CITY OF OLD HARBOR	STATE OF ALASKA, DOT/PF	0.03 ac	5-16-90		
TR I, PCL G	AVIGATION HAZARD EASEMENT	–	STATE OF ALASKA, DOT/PF	0.01 ac	5-16-90		
TR II	DEED	CITY OF OLD HARBOR	STATE OF ALASKA, DOT/PF	18.96 ac	7-9-86		
TR III	DEED	CITY OF OLD HARBOR	STATE OF ALASKA, DOT/PF	1.22 ac	5-16-90		

LEGEND

- AIRPORT PROPERTY BOUNDARY
- PARCEL BOUNDARY
- MONUMENT SET (1984 PROPERTY PLAN)

BY	DATE	REVISION

OLD HARBOR AIRPORT
OLD HARBOR, ALASKA
AIRPORT LAYOUT PLAN

PROPERTY MAP

DATE: 10/11/2007

SHEET: 6 OF 6