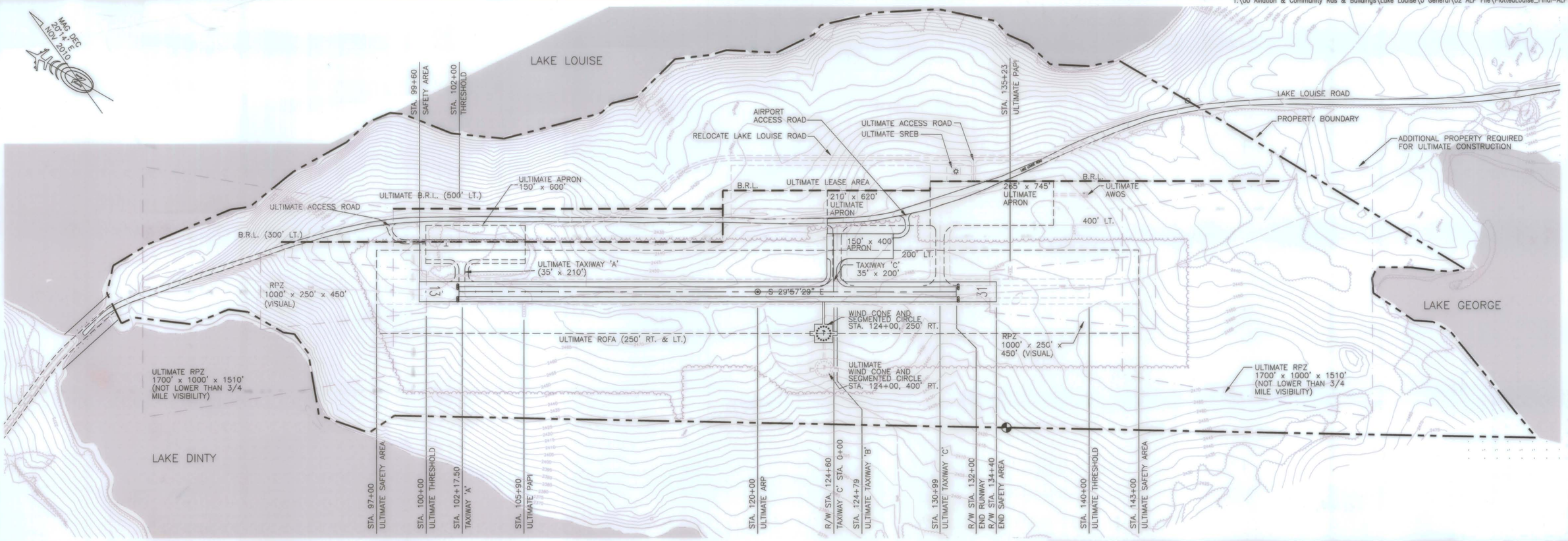
T:\00 Aviation & Community Rds & Buildings\Lake Louise\0 General\02 ALP File\PlottedLouise_Final-ALP1



AIRPORT DATA

	R/W 13-31	
	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)*	2480.18'	2482.18'
AIRPORT REFERENCE CODE	A-I EXCLUSIVELY SMALL	B-II
RUNWAY REFERENCE CODE	A/I/VIS	B/II/VIS
MEAN DAILY MAX. TEMP. HOTTEST MONTH (JULY)	64°F	SAME
TAXIWAY LIGHTING	NONE	MITL
RAMP LIGHTING	NONE	FLOOD
NAVIGATION AIDS	NONE	NONE
COMMUNICATION AIDS	NONE	NONE
AIRPORT REFERENCE POINT (ARP) (NAD83)		STA 120+00
LAT.		62°17'26.84"N
LONG.		146°34'34.77"W
THRESHOLD 13	102+00	100+00
LAT.	62°17'42.19"N	62°17'43.90"N
LONG.	146°34'53.77"W	146°34'55.89"W
THRESHOLD 31	132+00	140+00
LAT.	62°17'16.6064"N	62°17'09.78"N
LONG.	146°34'22.0989"W	146°34'13.65"W

*ELEVATION IS NAVD88 MSL
DATA BASE CONTROL YEAR: NAD 83; ASP ZONE 3

LEGEND

	EXISTING	ULTIMATE
PROPERTY LINE		SAME
BUILDING RESTRICTION LINE (B.R.L.)	B.R.L.	SAME
DEVELOPMENT		
ROADWAYS		
TREE LINE		
AIRPORT REFERENCE POINT	THRESHOLD	
	ROTATING BEACON	
WIND CONE AND SEGMENTED CIRCLE	LAKES, PONDS	

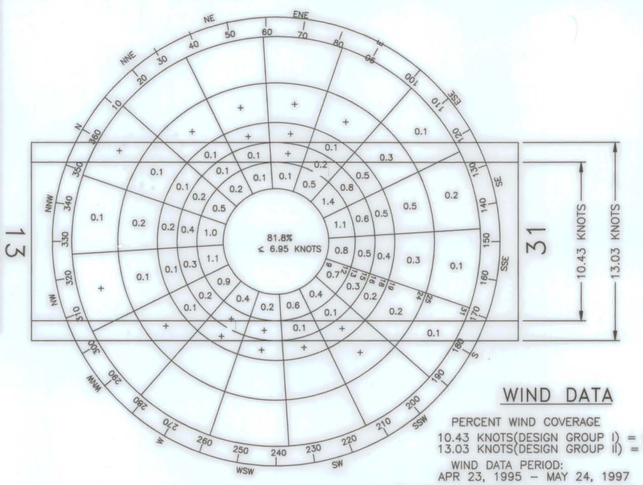
RUNWAY DATA

	R/W 13-31	
	EXISTING	ULTIMATE
% WIND COVERAGE	98.78%@10.43 KNOTS DESIGN GROUP I	99.59%@13.03 KNOTS DESIGN GROUP II
RUNWAY SURFACE TYPE	GRAVEL	SAME
PAVEMENT STRENGTH	N/A	SAME
APPROACH SURFACE	34:1	SAME
APPROACH VISIBILITY MINIMUM	VISUAL	>= 1 MI.
RUNWAY LIGHTING	NONE	MIRL
RUNWAY MARKING	EDGE CONES & THRESHOLD MARKERS	SAME
VISUAL APPROACH AIDS	NONE	REIL, PAPI, ROTATING BEACON
R/W DIMENSIONS	60' x 3000'	75' x 4000'
R/W SAFETY AREA	120' x 3480'	150' x 4600'
R/W OBJECT FREE AREA (ROFA)	250' x 3480'	500' x 4600'
R/W OBSTACLE FREE ZONE (ROFZ)	250' x 3400'	400' x 4400'
PRIMARY SURFACE WIDTH	250'	500'
T/W WIDTH	35'	50'
T/W SAFETY AREA WIDTH	80'	118'
T/W OBJECT FREE AREA	80'	131'

NOTES:

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

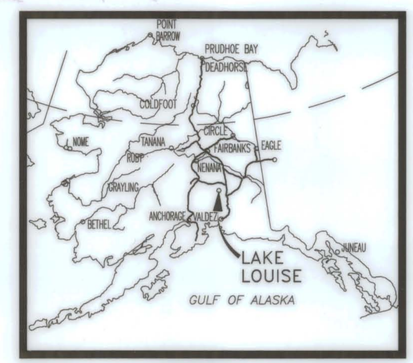
HORIZONTAL COORDINATE SYSTEM IS IN NAD83 (2000), LOCAL COORDINATE SYSTEM, U.S. FEET.
VERTICAL DATUM IS NAVD88



WIND ROSE

WIND DATA

PERCENT WIND COVERAGE
10.43 KNOTS(DESIGN GROUP I) = 98.78%
13.03 KNOTS(DESIGN GROUP II) = 99.59%
WIND DATA PERIOD:
APR 23, 1995 - MAY 24, 1997
SOURCE: UNIVERSITY OF ALASKA ANCHORAGE, ALASKA STATE CLIMATE CENTER, ENRI



LOCATION MAP
NO SCALE

LOCATION MAP
SEC 17, 18, 19, 20
T6N, R7W, COPPER RIVER MERIDIAN
USGS GULKANA B6

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	AIRPORT DATA SHEET
2	TERMINAL AREA PLAN
3	INNER PORTION OF APPROACH SURFACES
4	RUNWAY AND APPROACH PROFILES
5	AIRSPACE

DESIGN
DRAWN CTK
CHECKED

BY	DATE	REVISIONS
CTK	07/03/13	As-Built ALP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION-DESIGN AND CONSTRUCTION-AVIATION

APPROVED
ALBERT M. L. BECK, P.E.
DATE 5.7.14
DESIGN GROUP CHIEF

AIRPORT LAYOUT PLAN
APPROVED BY LETTER DATED: 5/12/14
AIRPORTS DIVISION, ALASKAN REGION, AAL-601
AIRSPACE REVIEW # 2002AAL-030NRA

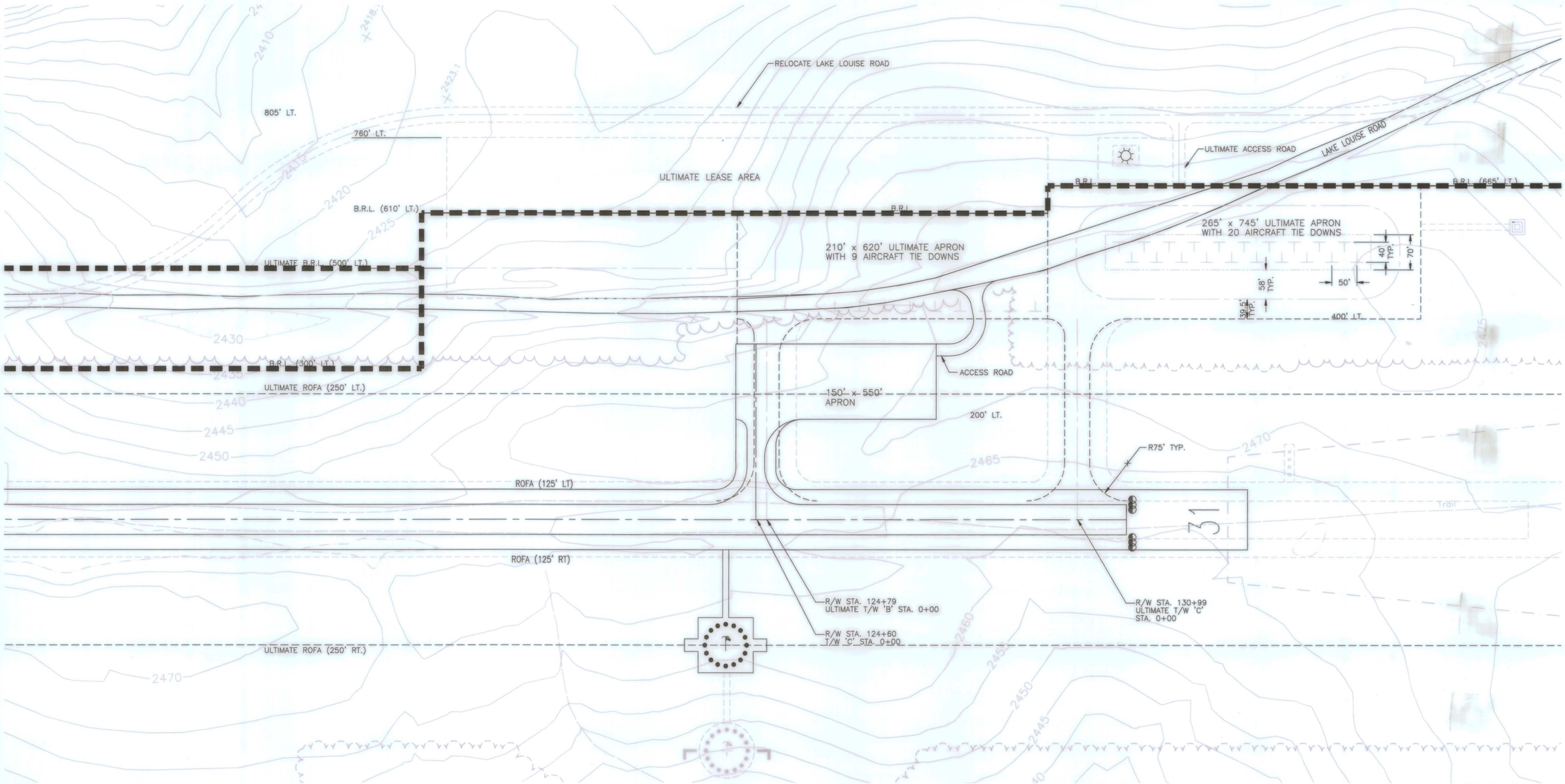
FEET
300 0 150 300 600

LAKE LOUISE AIRPORT

AIRPORT LAYOUT PLAN

SHEET 1 OF 5

T:\00 Aviation & Community Rds & Buildings\Lake Louise\0 General\02 ALP File\PlottedLouise_Final-ALP2



ULTIMATE TAXIWAY DATA	
T/W AND T/L WIDTH (ADG III)	50'
T/W SAFETY AREA WIDTH (ADG III)	118'
T/L SAFETY AREA WIDTH (ADG II)	79'
T/W OBJECT FREE AREA WIDTH (ADG II)	131'
T/L OBJECT FREE AREA WIDTH (ADG II)	115'

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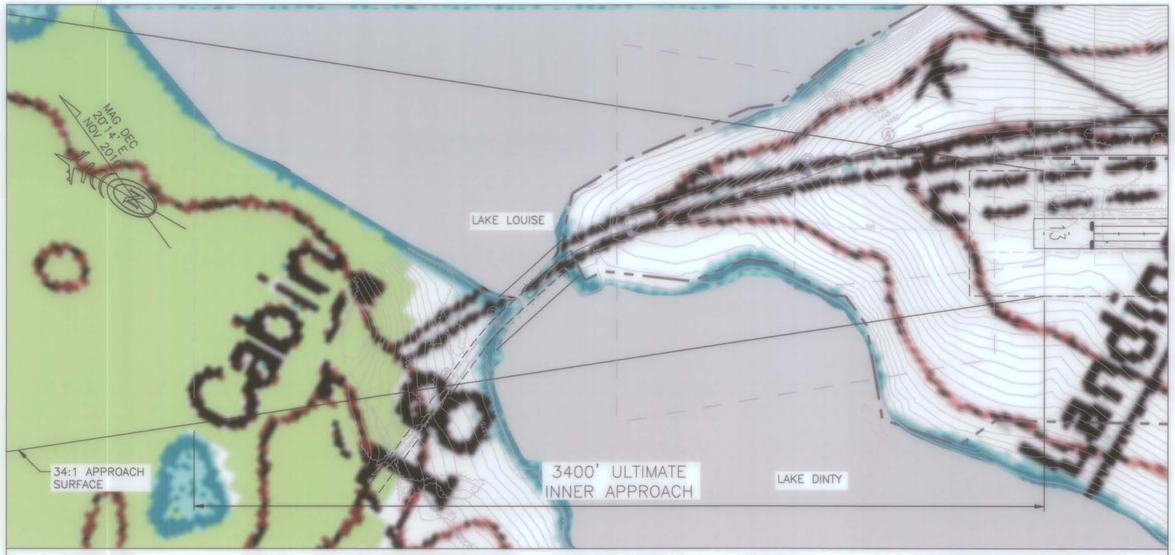
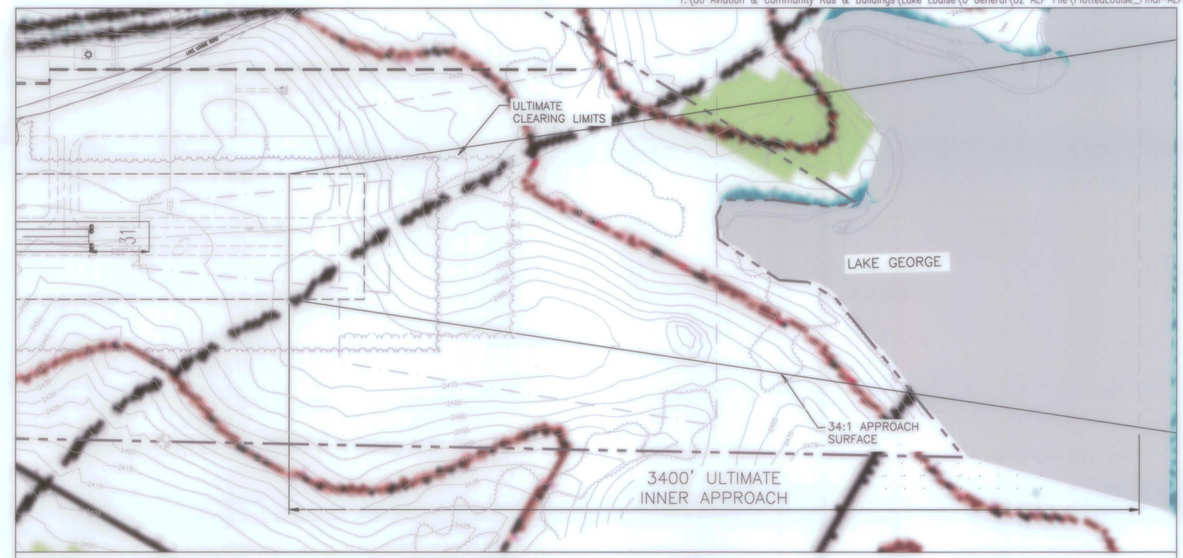
AIRSPACE REVIEW # 2002AAL-030NRA

LAKE LOUISE AIRPORT
TERMINAL AREA PLAN
AIRPORT LAYOUT PLAN

SHEET 2 OF 5



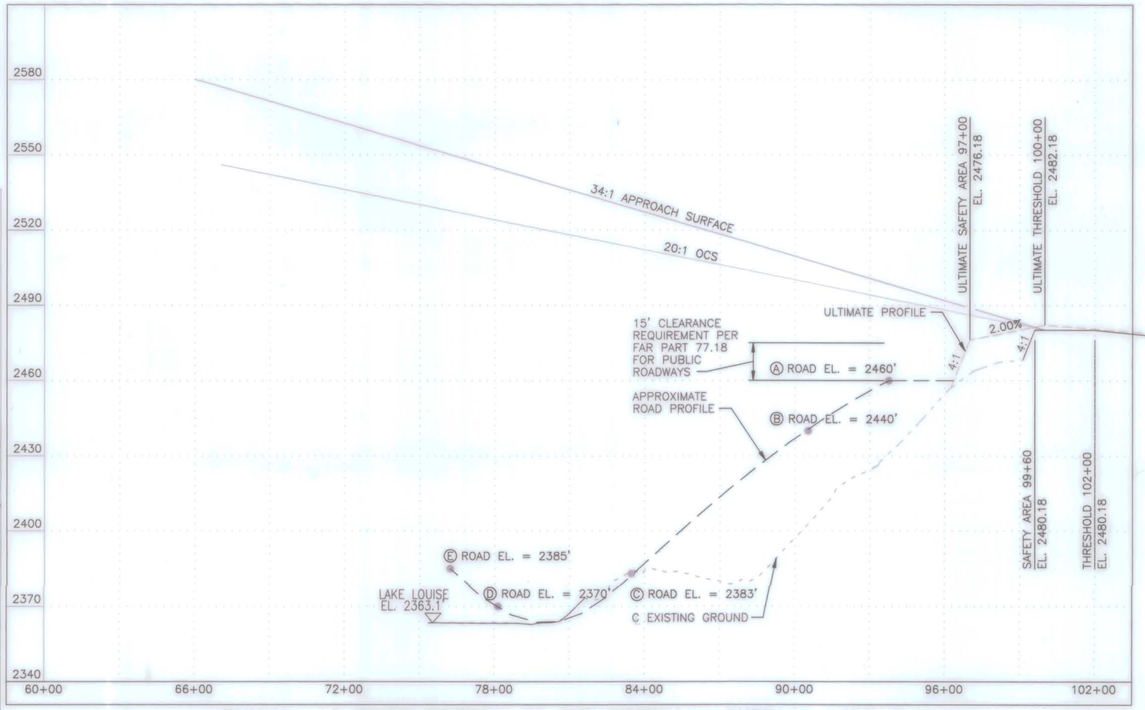
RUNWAY 13 INNER PORTION OF THE APPROACH SURFACE PLAN



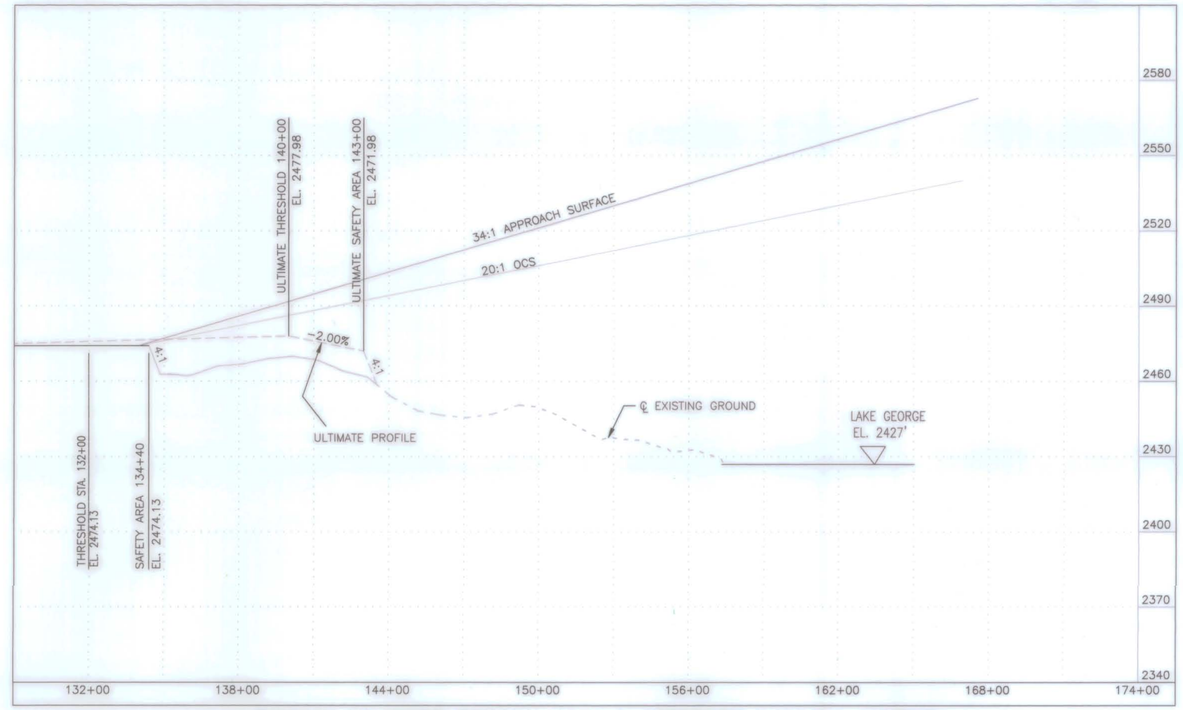
RUNWAY 31 INNER PORTION OF THE APPROACH SURFACE PLAN

NOTE: MAPPING GENERATED FROM CONTROLLED AERIAL PHOTOGRAPHY FLOWN JULY 1998.

FEET
300 0 150 300 600



RUNWAY 13 INNER PORTION OF THE APPROACH SURFACE PROFILE



RUNWAY 31 INNER PORTION OF THE APPROACH SURFACE PROFILE

P:\F00090\C\BoundALP\C0000AL$0$090.dwg: C0100ALF00090

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ALBERT M. L. BECK, P.E.
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BY LETTER DATED: 5/22/14
Pat O
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ALASKAN REGION, AAL-601
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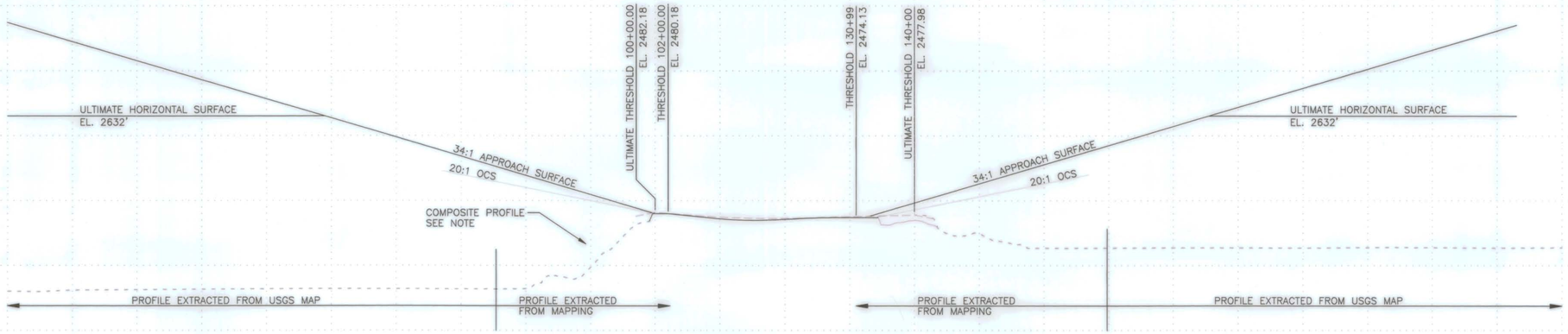
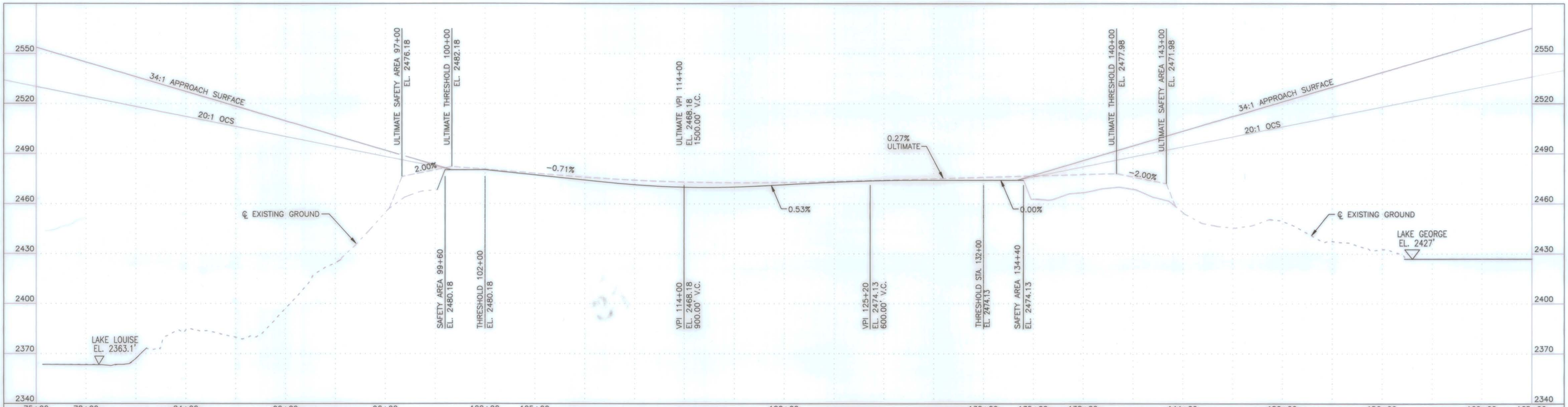
LAKE LOUISE AIRPORT
INNER PORTION OF APPROACH SURFACES
AIRPORT LAYOUT PLAN

SHEET 3 OF 5



NOTE: THE EXISTING GROUND PROFILE ALONG THE EXTENDED RUNWAY CENTERLINE REPRESENTS THE COMPOSITE PROFILE BASED ON THE HIGHEST TERRAIN ACROSS THE WIDTH AND ALONG THE LENGTH OF THE ULTIMATE APPROACH SURFACE.

RUNWAY 13 – 31 APPROACH PROFILE



RUNWAY 13 – 31 PROFILE

DESIGN
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DESIGN GROUP CHIEF

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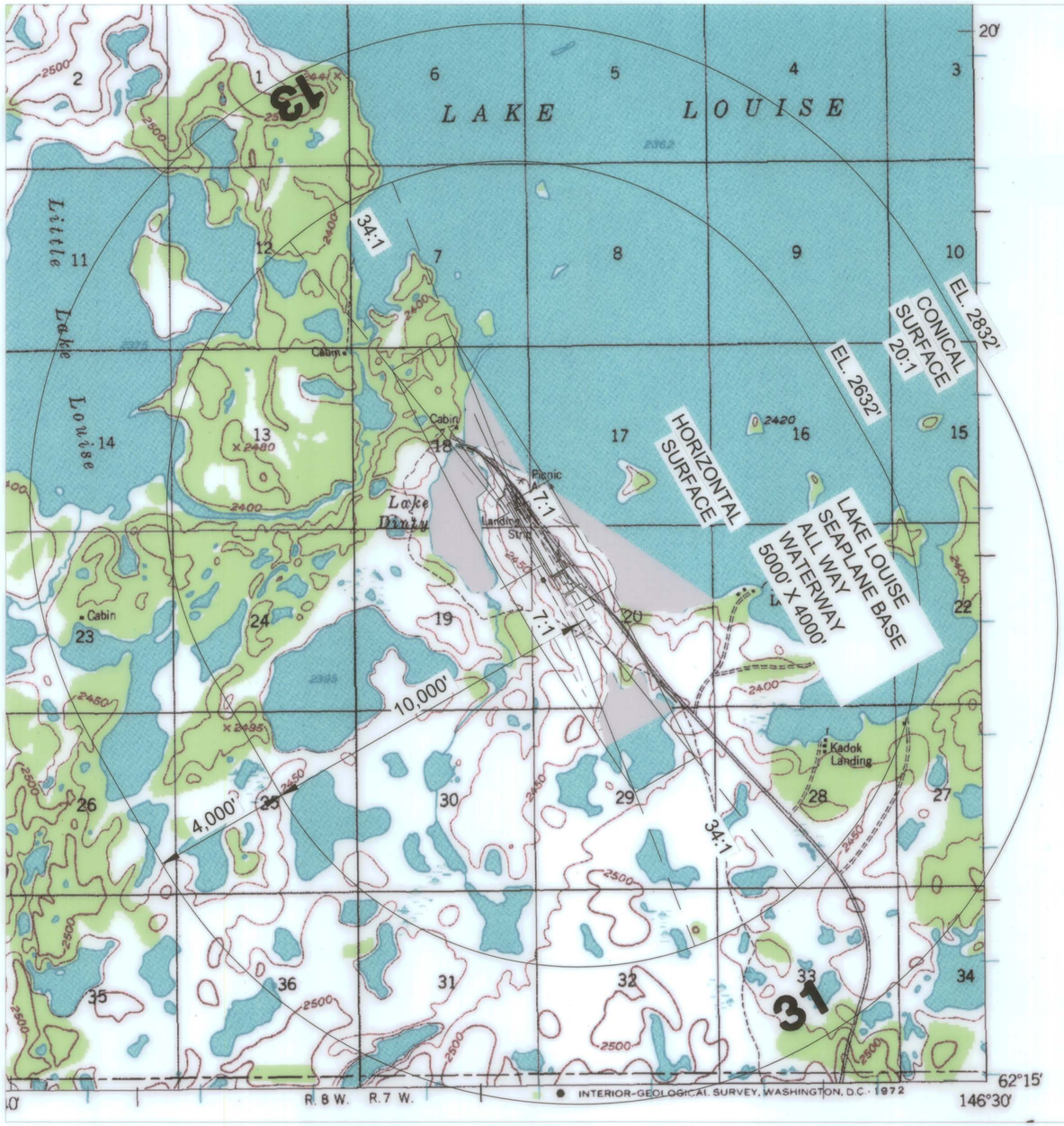
AIRSPACE REVIEW # 2002AAL-030NRA

LAKE LOUISE AIRPORT
RUNWAY AND APPROACH PROFILES
AIRPORT LAYOUT PLAN

SHEET 4 OF 5



AIRSPACE

FEET
2000 0 1000 2000 4000

ULTIMATE RUNWAY 13 THRESHOLD ELEVATION (STA.100+00) = 2482.18'

ULTIMATE RUNWAY 31 THRESHOLD ELEVATION (STA.140+00) = 2477.98'

DESIGN	CTK	07/03/13	As-Built ALP
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CHECKED			
	BY	DATE	REVISIONS

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LAKE LOUISE AIRPORT
AIRSPACE
AIRPORT LAYOUT PLAN

SHEET 5 OF 5