

TRACT	PARCEL	AREA ACRES	GRANTOR	INTEREST	CONVEYANCE DOC	ACQUISITION DATE	FAA GRANT #	RECORDING INFO
I		97.78	U.S.A.	FEE SIMPLE	PATENT	5/12/1964	NA	NOME 252/189
II		64.03*	U.S.A.	FEE SIMPLE	PATENT	4/9/1984	NA	NOME 310/247
III		58.99**	U.S.A.	FEE SIMPLE	PATENT	4/9/1984	NA	NOME 310/247
IV		14.543***	GAMBELL NATIVE CORP. & SAVOONGA NATIVE CORP.	AV EASEMENT	PAHE & ROW	6/15/1984	NA	NOME 310/267
V		16.380****	GAMBELL NATIVE CORP. & SAVOONGA NATIVE CORP.	AV EASEMENT	PAHE & ROW	6/15/1984	NA	NOME 310/267
V		1.941	STATE OF ALASKA D.N.R.	AV EASEMENT	PAHE & ROW	7/13/1984	NA	NOME 310/262

- LEGEND**
- ⊗ BLM BRASS CAP ON IRON POST MONUMENT, RECOVERED
 - ⊗ BLM BRASS CAP ON STAINLESS STEEL POST MONUMENT, SET FOR THE DEPENDENT RESURVEY OF A PORTION OF USS 4369 (TRACTS II AND III), INCLUDED IN THE SURVEY OF USS 14442, PER RECORD-NOT RECOVERED
 - ⊕ 2 1/2" BRASS DISK IN 6" CONCRETE FILLED PIPE, RECOVERED
 - ⊕ NOS GEO CONTROL STATION 50391, A 3 1/4" BRASS DISK IN OLD CONCRETE FOUNDATION, RECOVERED
 - AIRPORT BOUNDARY

* AREA OF TRACT II (LOT 1, USS 4369) PER U.S. SURVEY No. 4369, AS SURVEYED BY BLM IN 1966.

** AREA OF TRACT II (LOT 1, USS 4369) PER U.S. SURVEY No. 14442, AS SURVEYED BY BLM IN 2013 AND 2015. USS 14442 INCLUDED THE DEPENDENT RESURVEY OF A PORTION OF U.S. SURVEY No. 4369, WHICH REVEALED THAT THE ORIGINAL BOUNDARY OF LOT 1, AS MONUMENTED IN 1966, WAS DIFFERENT THAN THE BOUNDARY SHOWN ON THE 1968 PLAT USS 4369. SEE NOTE 14 AND DETAIL A.

*** AREA OF TRACT IV BASED ON THE ERRONEOUS BOUNDARY OF TRACT III SHOWN ON THE SUPERSEDED PROPERTY PLAN.

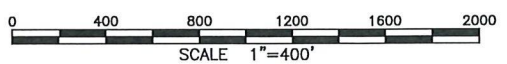
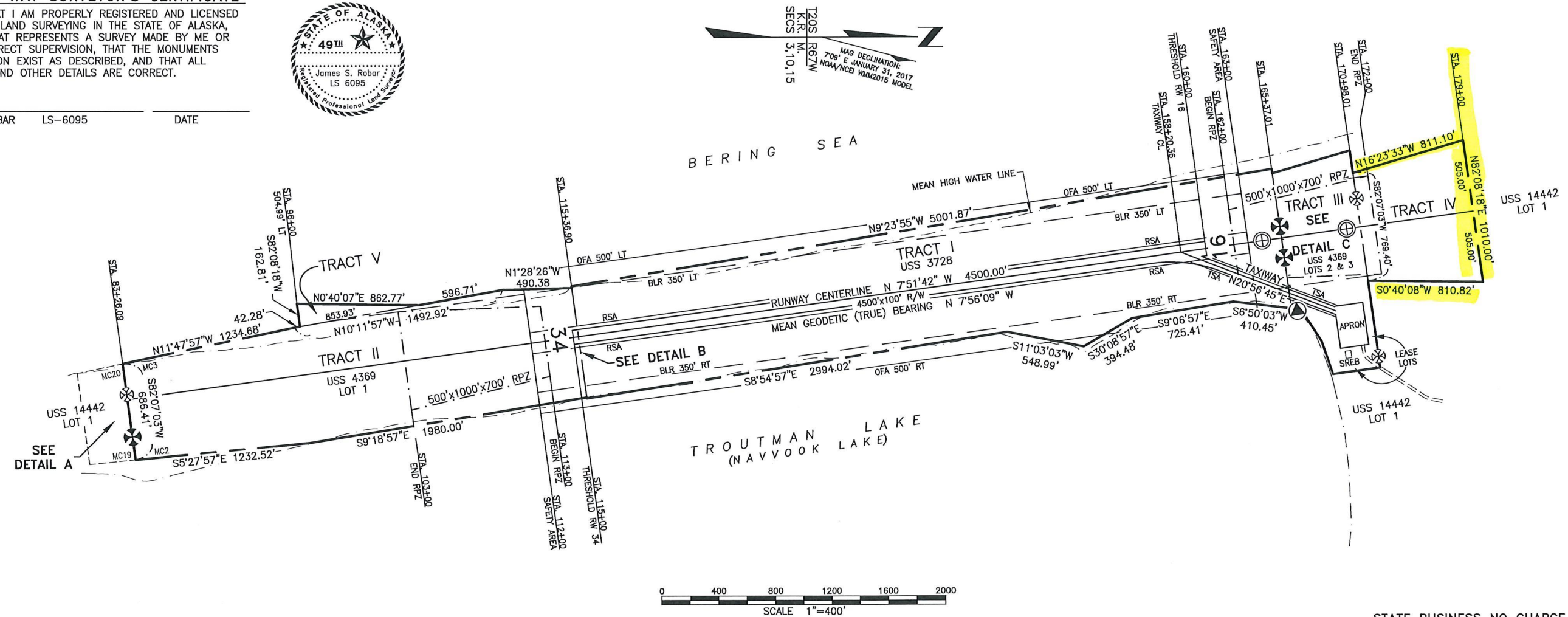
**** AREA OF TRACT IV REVISED BASED ON THE TRUE BOUNDARY OF TRACT III AND ENCOMPASSING THE ENTIRE 34:1 APPROACH SURFACE OUT TO STA. 179+00 AS ORIGINALLY INTENDED. SEE NOTE 15.

RIGHT OF WAY SURVEYOR'S CERTIFICATE

I CERTIFY THAT I AM PROPERLY REGISTERED AND LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF ALASKA, THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE MONUMENTS SHOWN HEREON EXIST AS DESCRIBED, AND THAT ALL DIMENSIONS AND OTHER DETAILS ARE CORRECT.



JAMES S. ROBAR LS-6095 DATE _____



STATE BUSINESS NO CHARGE FOR RECORDING

PLANS DEVELOPED BY: R&M CONSULTANTS, INC., CERT. OF AUTHORIZATION NO. AECO 111, 9101 VANGUARD DR., ANCHORAGE, AK 99507, (907)522-1707. Z:\Project\228501 DOT M Survey Form Gambell Airport Pavement Rehab\Survey\ACAD\60585_SY Gambell Airport PropPlan.dwg Mar 13, 2017 - 1:56pm

DESIGN _____			
DRAWN _____			
CHECK _____			
BY _____	DATE _____	REVISIONS _____	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION PRECONSTRUCTION

APPROVED _____ DATE _____
ALBERT BECK, PE DESIGN GROUP CHIEF

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION PRECONSTRUCTION

APPROVED _____ DATE _____
MARTIN SHURR, PLS CHIEF, RIGHT OF WAY

GAMBELL AIRPORT
PROPERTY PLAN

SCALE: 1" = 400'

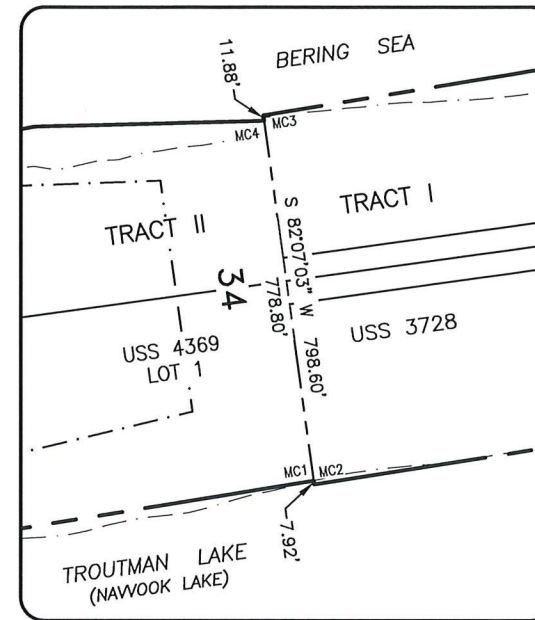
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NOTES

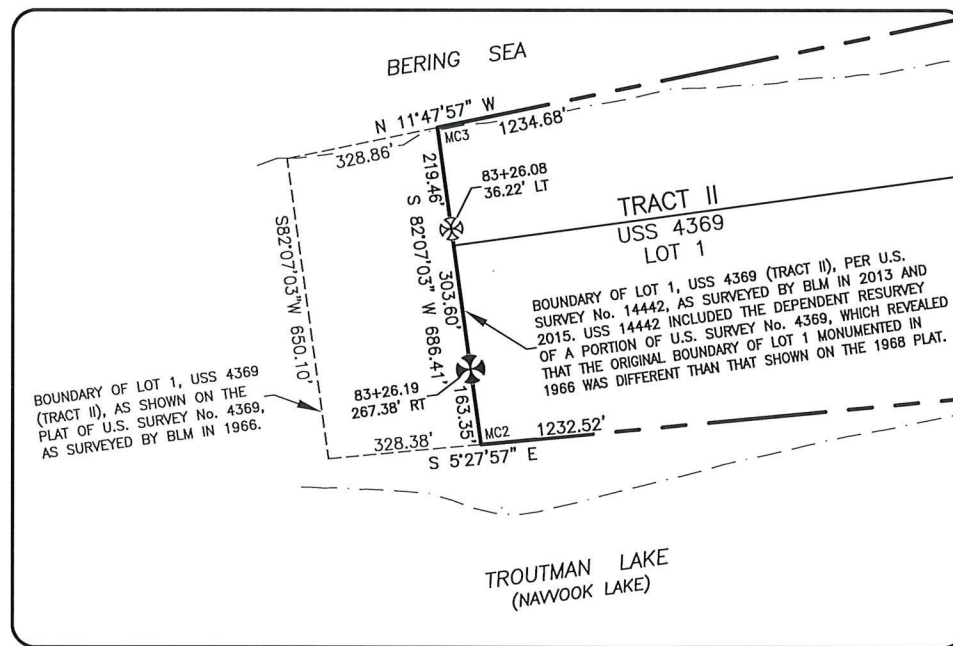
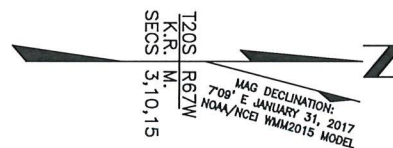
- THIS PLAN SUPERSEDES THE GAMBELL AIRPORT PROPERTY PLAN, SHEET 1 OF 1, DATED 7/20/83 AND ALL REVISIONS THERETO.
- THE INFORMATION SHOWN HEREON IS BASED ON A FIELD SURVEY PERFORMED BY R&M CONSULTANTS, INC. (R&M) BETWEEN AUGUST 10, 2015 AND AUGUST 20, 2015.
- COORDINATE SYSTEM: THIS PROJECT IS LOCATED ENTIRELY WITHIN THE ALASKA, ST LAWRENCE ISLAND, LOW DISTORTION PROJECTION (LDP), A LOCAL, LOW DISTORTION GRID COORDINATE SYSTEM, EXPRESSED IN U.S. SURVEY FEET, DEVELOPED BY THE ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES.

ST LAWRENCE ISLAND LDP DEFINITION:
LINEAR UNIT: U.S. SURVEY FOOT (SFT)
DATUM: NAD83 (2011)
PROJECTION: LAMBERT CONFORMAL CONIC (SINGLE PARALLEL)
STANDARD PARALLEL AND GRID ORIGIN: 63°23'00.0" N
CENTRAL MERIDIAN (GRID ORIGIN): 171°39'00.0" W
FALSE NORTHING: 600,000.0 SFT
FALSE EASTING: 50,000.0 SFT
STANDARD PARALLEL SCALE: 0.999987 (EXACT)
- THE BASIS OF COORDINATES FOR THIS PROJECT IS THE NATIONAL OCEAN SERVICE (NOS) GEO STATION 50391, A STANDARD NOS 3 1/4" BRASS DISK SET FLUSH IN THE NW CORNER OF AN OLD CONCRETE FOUNDATION, LOCATED ON THE SHORE OF TROUTMAN LAKE 441 FT. SW OF THE SW CORNER OF THE AIRPORT SREB BUILDING. THREE 7-9 HOUR STATIC GPS OBSERVATION FILES WERE SENT TO THE NGS OPUS UTILITY FOR PROCESSING. THE NAD83 (2011) (EPOCH:2010.0000) POSITION FOR "NOS GEO STATION 50391" IS THE AVERAGE OF THE PROCESSING RESULTS. NAD83 (2011) (EPOCH:2010.0000)
LATITUDE 63°46'28.08853" NORTH, LONGITUDE 171°43'55.13767" WEST
ST LAWRENCE ISLAND LDP COORDINATES, (U.S. SURVEY FEET)
NORTH 743,052.74333 SFT, EAST 36,732.64351 SFT
- PROJECT BEARINGS ARE LOCAL PLANE BEARINGS ORIENTED TO THE ST LAWRENCE ISLAND LDP GRID BASIS OF BEARINGS. THE ROTATION ANGLE BETWEEN THE TRUE MERIDIAN AND THE LOCAL PLANE BEARINGS ON THE RUNWAY CENTERLINE IS 0°04'27" COUNTER-CLOCKWISE.
- ALL DIMENSIONS AND COORDINATES SHOWN HEREON ARE IN U. S. SURVEY FEET. DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES IN U. S. SURVEY FEET.
- HORIZONTAL CONTROL POINTS WERE ESTABLISHED USING NETWORKED STATIC GPS METHODS. THE NETWORK WAS ADJUSTED AND TRANSFORMED TO THE ST. LAWRENCE ISLAND LDP COORDINATE SYSTEM USING A SIMULTANEOUS LEAST SQUARES ADJUSTMENT CONSTRAINED TO "NOS GEO STATION 50391", THE BASIS OF COORDINATES.
- THE LARGEST HORIZONTAL SEMI-MAJOR ERROR ELLIPSE REPORTED FROM THE ADJUSTMENT OF THE GPS CONTROL NETWORK WAS 0.011 FEET AT THE 95% CONFIDENCE LEVEL.
- THE BASIS OF STATIONING IS 160+00 AT THE THRESHOLD OF RUNWAY 16 AS SHOWN ON THE GAMBELL AIRPORT LAYOUT PLAN DATED 11/7/2001. THE RUNWAY CENTERLINE AND THRESHOLD LOCATIONS WERE ESTABLISHED USING SURVEYED INFORMATION PER FAA ADVISORY CIRCULAR AC No. 150/5300-18B.
THRESHOLD RUNWAY 16 STA 160+00: THRESHOLD RUNWAY 34 STA 115+00:
LAT. 63°46'21.7538" N LAT. 63°45'37.8831" N
LONG. 171°44'04.9332" W LONG. 171°43'51.1163" W
ST LAWRENCE ISLAND LDP (SFT) ST LAWRENCE ISLAND LDP (SFT)
742,409.7621 N 737,952.0576 N
36,291.4541 E 36,906.9785 E
- THE NATURAL MEANDERS OF THE MEAN HIGH WATER LINE OF THE BERING SEA AND THE ORDINARY HIGH WATER OF TROUTMAN LAKE FORM THE TRUE BOUNDS OF TRACTS I, II, III AND V. MEANDERS SHOWN HEREON ARE DERIVED FROM THE CONVEYANCE DOCUMENTS.
- THE CURRENT MAGNETIC DECLINATION OF 7°09' EAST WAS OBTAINED FROM NOAA, NATIONAL CENTERS FOR ENVIRONMENTAL INFORMATION AND IS BASED ON THE WMM2015 MODEL.
- TRACT I OF GAMBELL AIRPORT IS COMPRISED OF U.S. SURVEY No. 3728, ALASKA SURVEYED BY BLM IN 1959 AND ACCEPTED FEBRUARY 14, 1962. THE SURFACE ESTATE WAS TRANSFERRED FROM THE UNITED STATES OF AMERICA TO THE STATE OF ALASKA BY U.S. PATENT No. 1236926, DATED MAY 12, 1964 (APPROVED SEPTEMBER 30, 1964) AND RECORDED IN BOOK 252 AT PAGE 189, CAPE NOME RECORDING DISTRICT.
- TRACTS II AND III OF GAMBELL AIRPORT ARE COMPRISED OF LOT 1 (TRACT II) AND LOTS 2 AND 3 (TRACT III) U.S. SURVEY NO. 4369, ALASKA SURVEYED BY BLM IN 1966 AND ACCEPTED MARCH 22, 1968. THE SURFACE ESTATE WAS TRANSFERRED FROM THE UNITED STATES OF AMERICA TO THE STATE OF ALASKA BY U.S. PATENT No. 50-84-0653, DATED APRIL 9, 1984 (APPROVED JULY 23, 1984) AND RECORDED IN BOOK 310 AT PAGE 247, NOME RECORDING DISTRICT.

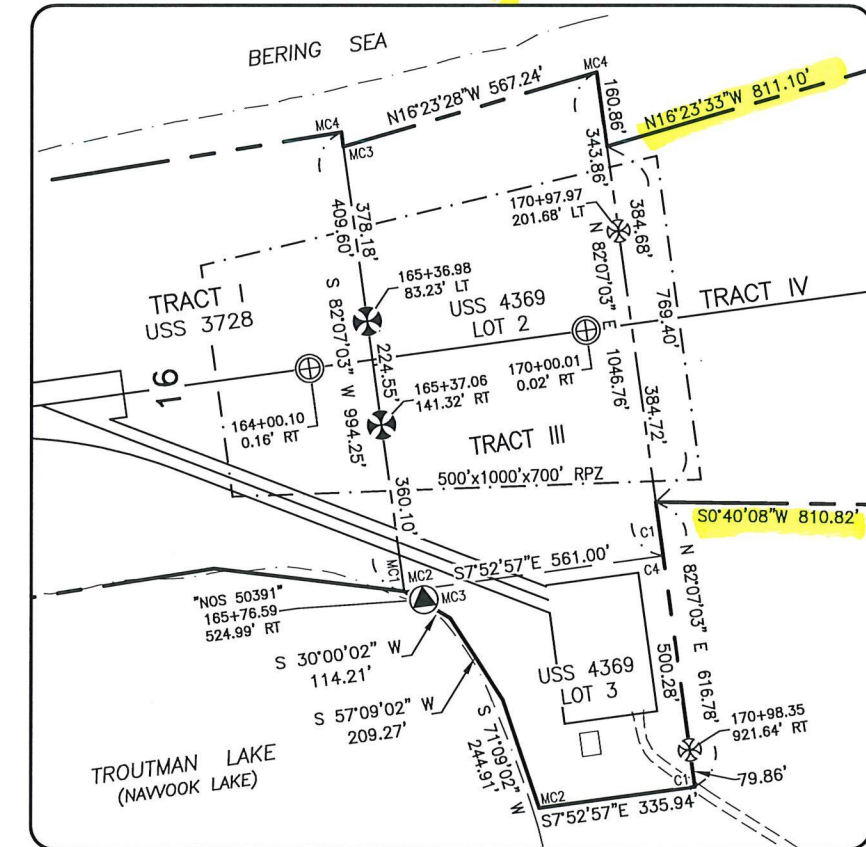
- BLM PERFORMED A DEPENDENT RESURVEY OF A PORTION OF U.S. SURVEY No. 4369 IN 2013 AND 2015 AS A PART OF U.S. SURVEY No. 14442. THE WCMC MONUMENT FOR MC2, LOT 1, USS 4369 (TRACT II) WAS FOUND ABOUT 329' NORTH OF THE PLATTED POSITION ACCORDING TO THE BLM 1966 SURVEY. BLM DETERMINED THAT THE MONUMENT WAS IN ITS ORIGINAL POSITION, UNDISTURBED AND THEREFORE CONTROLS THE LOCATION OF THE BOUNDARY LINE REGARDLESS OF THE DISCREPANCY, HENCE THE AREA OF LOT 1 (TRACT II) IS LESS THAN THAT SHOWN ON THE 1968 SURVEY PLAT OF USS 4369. U.S. SURVEY NO. 14442, ALASKA, ENCOMPASSING ALL OF ST. LAWRENCE ISLAND AND COMPRISED OF 315 LOTS AND THE RETRACEMENT AND DEPENDENT RESURVEY OF PORTIONS OF U.S. SURVEY Nos. 3728, 4235, 4237, 4340, AND 4369 WAS ACCEPTED DECEMBER 7, 2015 AND OFFICIALLY FILED JANUARY 12, 2016. SEE DETAIL A.
- TRACT IV OF GAMBELL AIRPORT IS A PERMIT, AVIGATION AND HAZARD EASEMENT AND RIGHT OF WAY CONVEYED BY THE GAMBELL NATIVE CORPORATION AND THE SAVOONGA NATIVE CORPORATION TO THE STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES (ADOT&PF) BY DEED, DATED JUNE 15, 1984 AND RECORDED IN BOOK 310 AT PAGE 267, NOME RECORDING DISTRICT.
THE SUPERSEDED PROPERTY PLAN, DATED 7/20/83, CORRECTLY SHOWED THAT TRACTS II AND III ARE COMPRISED OF LOTS 1, 2 AND 3, USS 4369, HOWEVER THE AREAS AND DIMENSIONS SHOWN ARE INCORRECT, AND DO NOT DEPICT THE AREAS AND BOUNDARIES OF TRACTS II AND III THAT WERE ACTUALLY ACQUIRED. THE NORTH BOUNDARY OF TRACT III, AS SHOWN ON THE SUPERSEDED PROPERTY PLAN, IS APPROXIMATELY 99' NORTH OF THE BOUNDARY OF LOTS 2 AND 3, USS 4369 THAT THE STATE ACTUALLY RECEIVED PATENT TO. THE DESCRIPTION USED TO ACQUIRE TRACT IV WAS BASED ON THE INCORRECT BOUNDARIES AND THUS A 99' GAP WAS CREATED BETWEEN THE NORTH BOUNDARY OF TRACT III AND THE SOUTH BOUNDARY OF TRACT IV. TRACT IV DEED EXHIBIT C MAKES IT CLEAR THAT TRACT IV WAS INTENDED TO INCLUDE THE 34:1 APPROACH SURFACE OUT TO STATION 179+00. A CORRECTIVE DEED DESCRIPTION WAS PREPARED FOR TRACT IV THAT INCLUDES THE 34:1 APPROACH SURFACE OUT TO STATION 179+00 AS ORIGINALLY INTENDED AND REVISES THE AREA FROM 14.543 ACRES TO 16.380 ACRES.
- TRACT V OF GAMBELL AIRPORT IS A PERMIT, AVIGATION AND HAZARD EASEMENT AND RIGHT OF WAY CONVEYED BY THE STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES (DNR) TO THE STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES (ADOT&PF) BY DEED, DATED JULY 13, 1984 AND RECORDED IN BOOK 310 AT PAGE 262, NOME RECORDING DISTRICT.
- THIS PLAN REFERENCES THE GAMBELL AIRPORT LAYOUT PLAN APPROVED 11/7/01.



DETAIL B
1"=200'



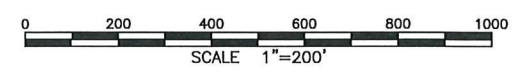
DETAIL A
1"=200'



DETAIL C
1"=200'

LEGEND

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- BLM BRASS CAP ON STAINLESS STEEL POST MONUMENT, SET FOR THE DEPENDENT RESURVEY OF A PORTION OF USS 4369 (TRACTS II AND III), INCLUDED IN THE SURVEY OF USS 14442, PER RECORD-NOT RECOVERED
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PLANS DEVELOPED BY: R&M CONSULTANTS, INC., CERT. OF AUTHORIZATION NO. AEC 111, 9101 VANGUARD DR., ANCHORAGE, AK 99507, (907)522-1707
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION PRECONSTRUCTION

APPROVED _____ DATE _____
ALBERT BECK, PE DESIGN GROUP CHIEF

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION PRECONSTRUCTION

APPROVED _____ DATE _____
MARTIN SHURR, PLS CHIEF, RIGHT OF WAY

GAMBELL AIRPORT
PROPERTY PLAN

SCALE: AS SHOWN

SHEET
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OF
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