

Ladd Field
Kodiak T-Hanger (1542)
Fort Wainwright
Fairbanks
Alaska

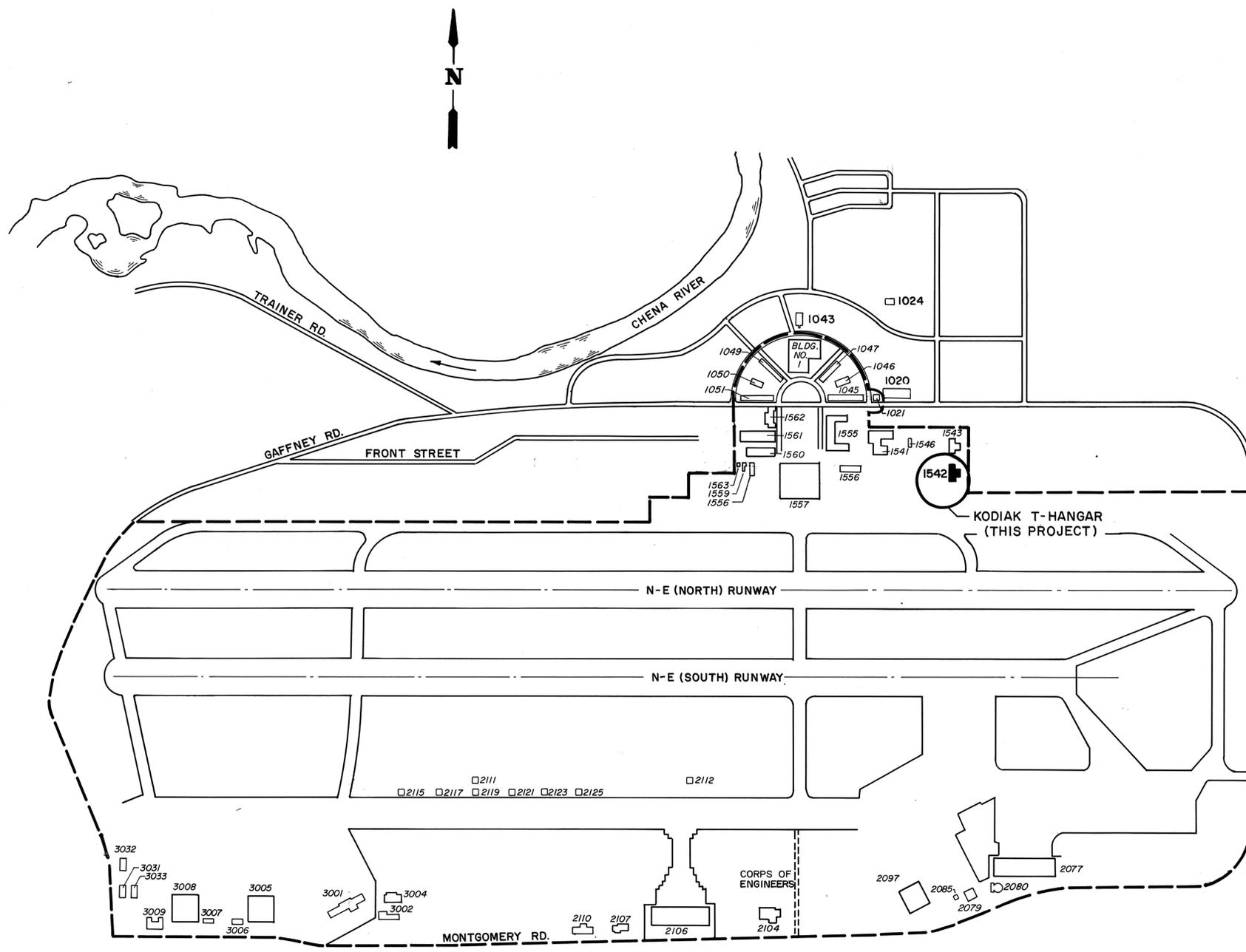
HABS No. AK-36C

HABS
AK,
6-FAIBA,
1-C-

PHOTOGRAPHS
WRITTEN HISTORICAL AND DESCRIPTIVE DATA
REDUCED COPIES OF MEASURED DRAWINGS

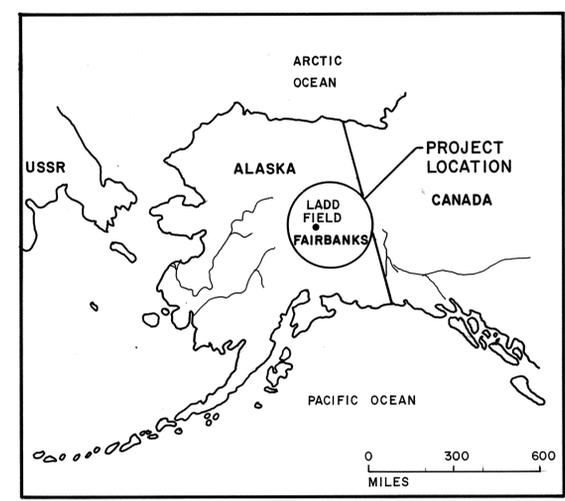
Historic American Buildings Survey
National Park Service
Department of the Interior
Washington, DC 20013-7127

STATE ALASKA	COUNTY	TOWN OR VICINITY FAIRBANKS
HISTORIC NAME OF STRUCTURE (INCLUDE SOURCE FOR NAME) LADD FIELD		HABS NO. AK-36 C
SECONDARY OR COMMON NAMES OF STRUCTURE Kodiak T-Hangar (Building 1542)		
COMPLETE ADDRESS (DESCRIBE LOCATION FOR RURAL SITES) BLDG 1542, north side, Ladd Field runway, 800' east of Hangar 1, Fort Wainwright		
DATE OF CONSTRUCTION (INCLUDE SOURCE) 1943	Bush 1944	ARCHITECT(S) U.S. Navy
SIGNIFICANCE (ARCHITECTURAL AND HISTORICAL, INCLUDE ORIGINAL USE OF STRUCTURE) architectural: This arctic design was constructed to minimize open and wasted space. The T-shape was designed to repair or store one large aircraft with the bottom of the T for the fusillage and the top of the T for the wings and nose. Historical: the T-hangar was developed especially for World War II. The name "Kodiak" T-hangar derives from the site of its 1st construction. Building 1542 is one of the last surviving examples.		
STYLE (IF APPROPRIATE)		
MATERIAL OF CONSTRUCTION (INCLUDE STRUCTURAL SYSTEMS) wood frame		
SHAPE AND DIMENSIONS OF STRUCTURE (SKETCHED FLOOR PLANS ON SEPARATE PAGES ARE ACCEPTABLE) Wing section (top of "T"): 129' x 47'; Tail section (stem of "T"): 40' x 55'		
EXTERIOR FEATURES OF NOTE The roof support system: wood supports protude through exterior walls and are anchored by bolts to concrete pyles.		
INTERIOR FEATURES OF NOTE (DESCRIBE FLOOR PLANS, IF NOT SKETCHED) none		
MAJOR ALTERATIONS AND ADDITIONS WITH DATES none		
PRESENT CONDITION AND USE THIS BUILDING BURNED TO THE GROUND 23 October 1987 Bldg. 1542 is in deteriorating condition with the roof leaking. It is used for storage.		
OTHER INFORMATION AS APPROPRIATE		
SOURCES OF INFORMATION (INCLUDE LISTING ON NATIONAL REGISTER, STATE REGISTERS, ETC.) 1. Bush, COL J.D. <u>Narrative Report of Alaska Construction, 1941--1944</u> . Anchorage: HQ, Alaska Defense Command, 1944. 2. U.S. Navy. <u>Building the Navy's Bases in World War</u> Washington DC: GPO, 1947. 3. E.N. Thompson. <u>National Register Nomination form, 1984</u>		
COMPILER, AFFILIATION Duane Colt Denfeld, Historian, Corps of Engineers Georgeanne Lewis Reynolds, Archeologist of Engineers		DATE 16 December, 1985



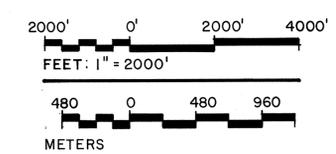
LEGEND

--- LADD FIELD NATIONAL HISTORIC LANDMARK BOUNDARY (FORT WAINWRIGHT)



VICINITY MAP
SCALE: 1" = 300 MILES

THE KODIAK T-HANGAR WAS BUILT IN 1943. IT HAS EVOLVED THROUGH SEVERAL MAJOR ALTERATIONS, ALTHOUGH BASIC ELEMENTS HAVE REMAINED INTACT. ALTERATIONS INCLUDE 11 SLIDING HANGAR DOORS THAT WERE ADDED TO THE WEST SIDE OF THE HANGAR (DATE UNKNOWN). SEVERAL SMALL WINDOWS AND 2 DOORS HAVE BEEN ADDED ALSO. THE HANGAR WAS BUILT ON A CONCRETE FOUNDATION. THE OUTSIDE WALLS ARE COVERED WITH 4" WIDE WOOD SIDING WITH PAINT PEELING OFF. SEVERAL WINDOWS ARE BROKEN AND BOARDED UP.



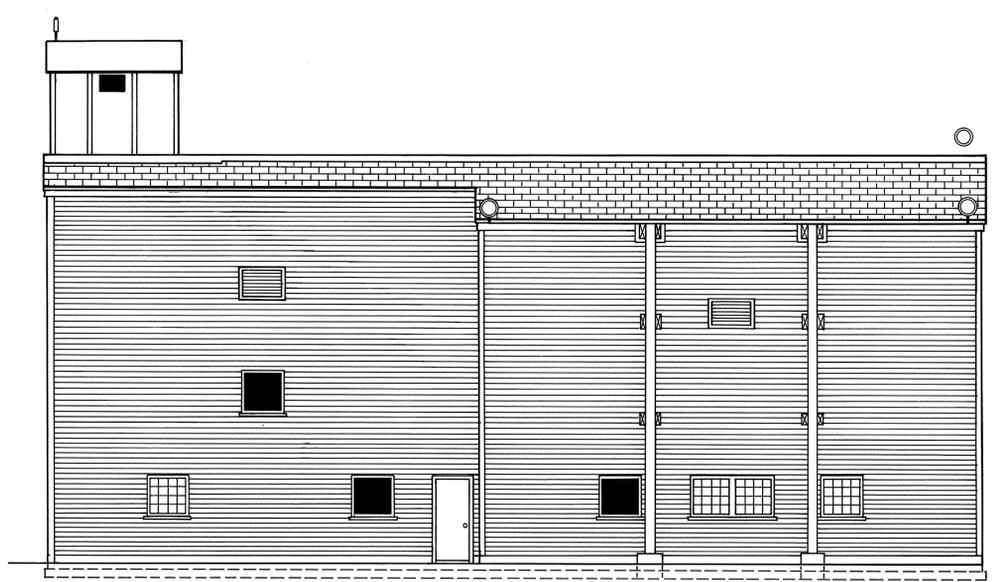
SCALES

HISTORIC AMERICAN BUILDINGS SURVEY SHEET 1 OF 4
 SURVEY NO. AK-36C
 ALASKA
 NAME AND LOCATION OF STRUCTURE
LADD FIELD PROJECT
KODIAK T-HANGAR (1542)
 FAIRBANKS
 DRAWN BY: INGRID N. THOMAS
 NATIONAL PARK SERVICE
 UNITED STATES DEPARTMENT OF THE INTERIOR

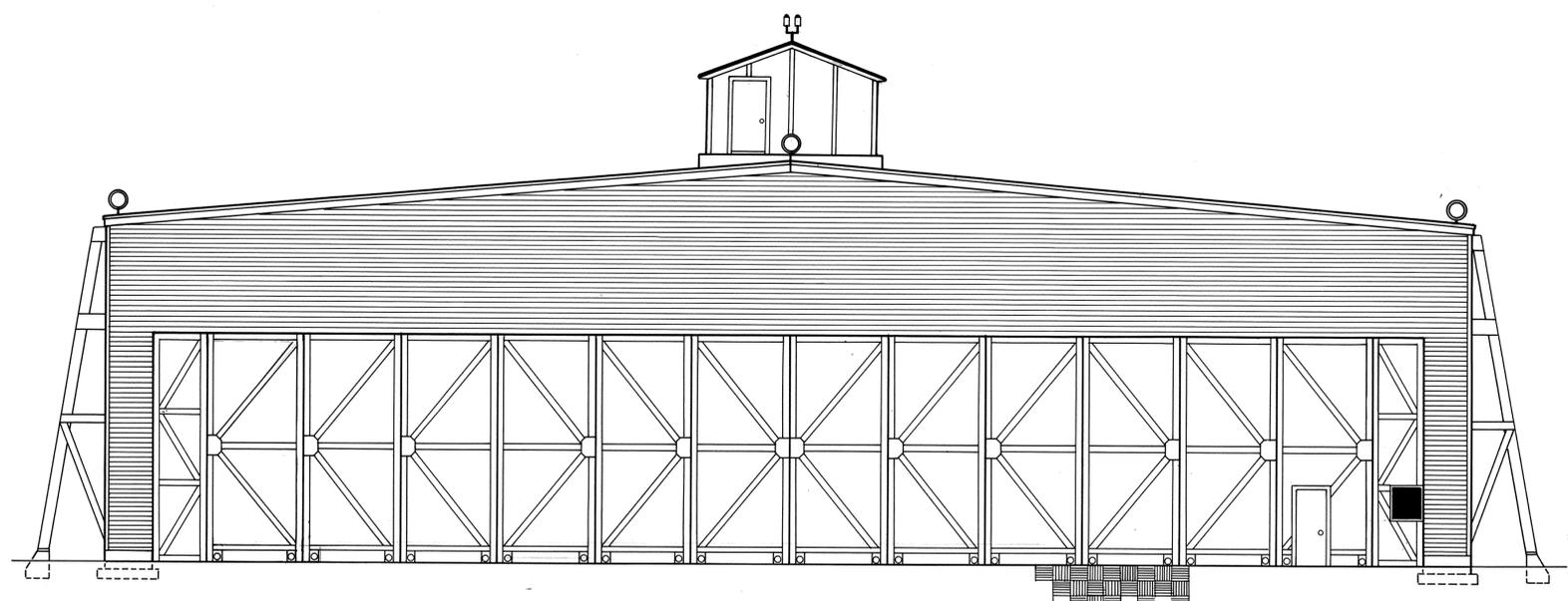
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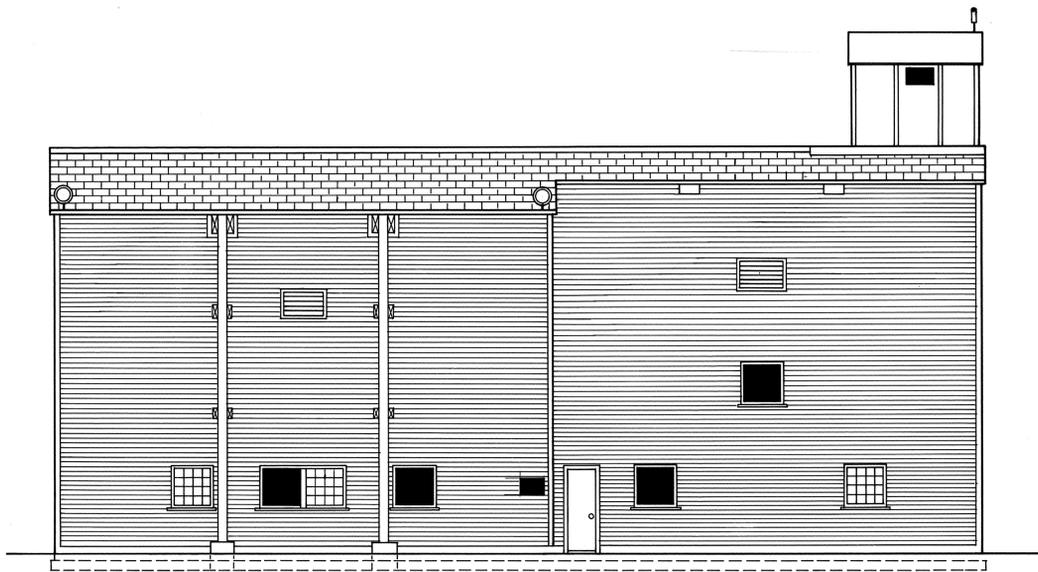
NOTE :
SEE SHEET 1 FOR BUILDING DESCRIPTION



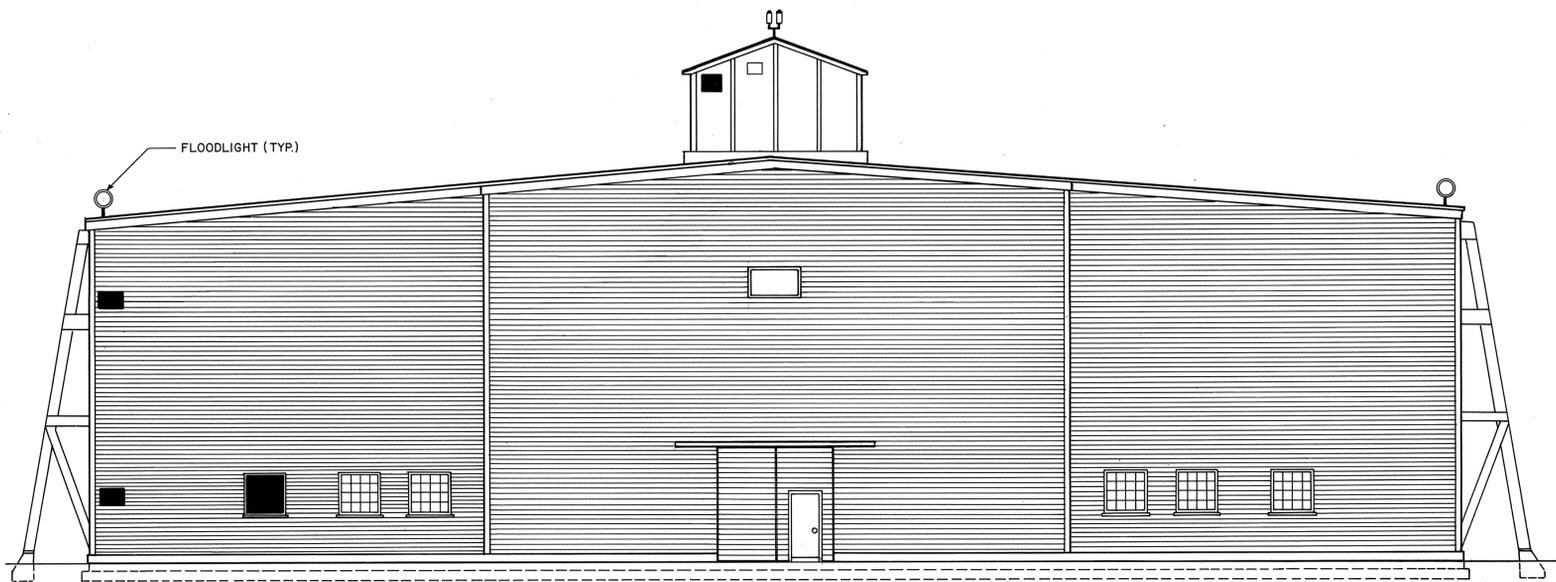
NORTH ELEVATION
SCALE: 1/8" = 1'-0"



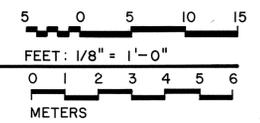
WEST ELEVATION
SCALE: 1/8" = 1'-0"



SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



EAST ELEVATION
SCALE: 1/8" = 1'-0"



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HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 2 OF 4

SURVEY NO.
AK-36C

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NAME AND LOCATION OF STRUCTURE
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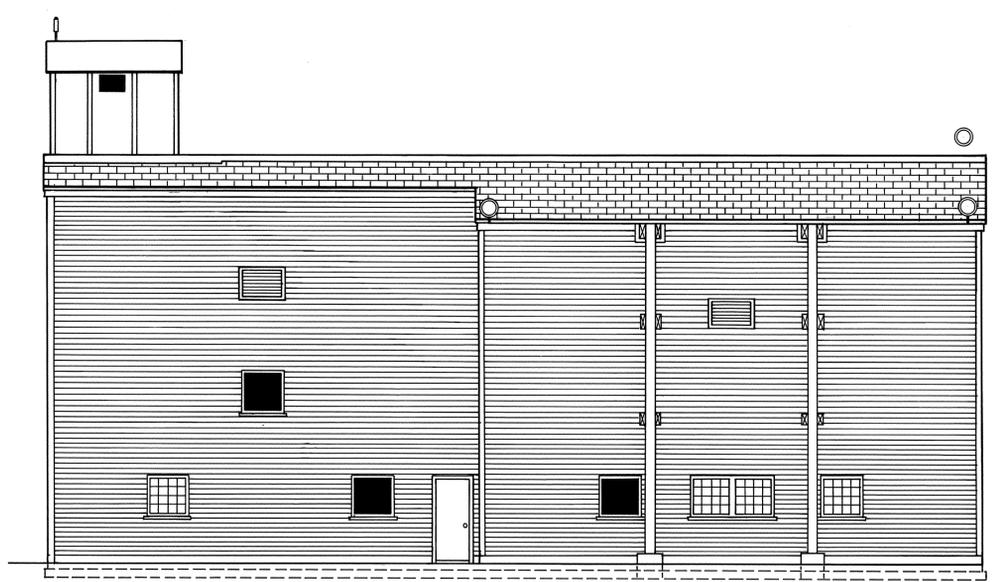
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LADD FIELD PROJECT
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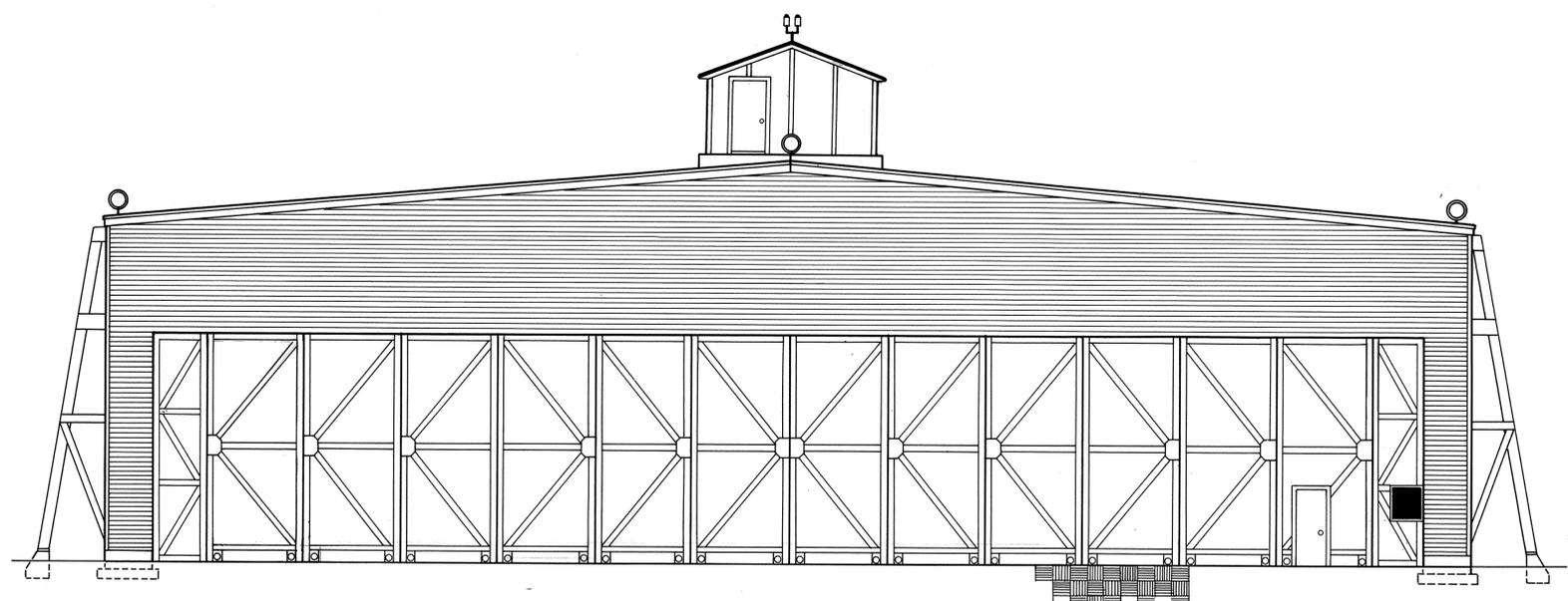
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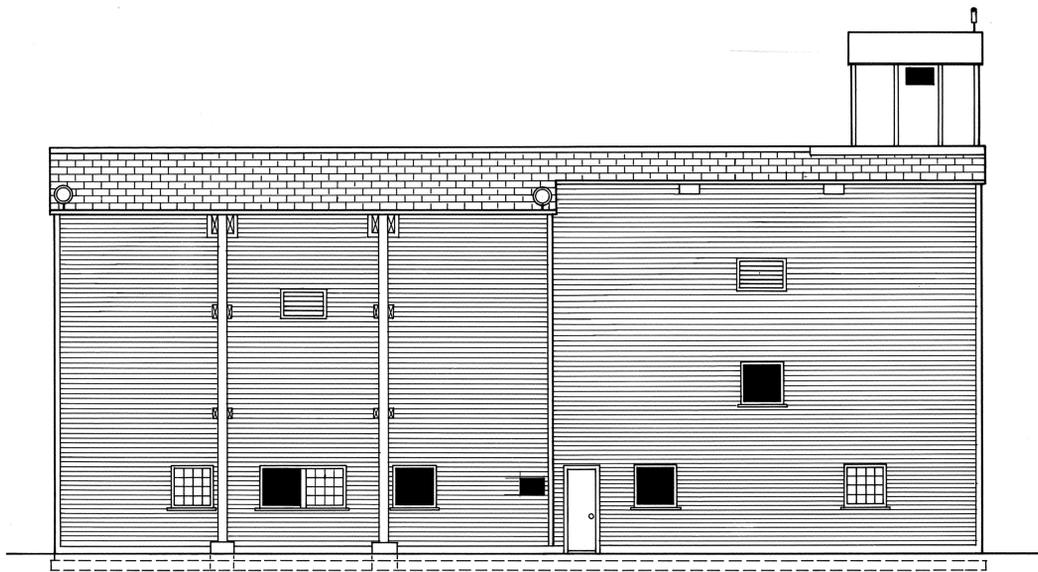
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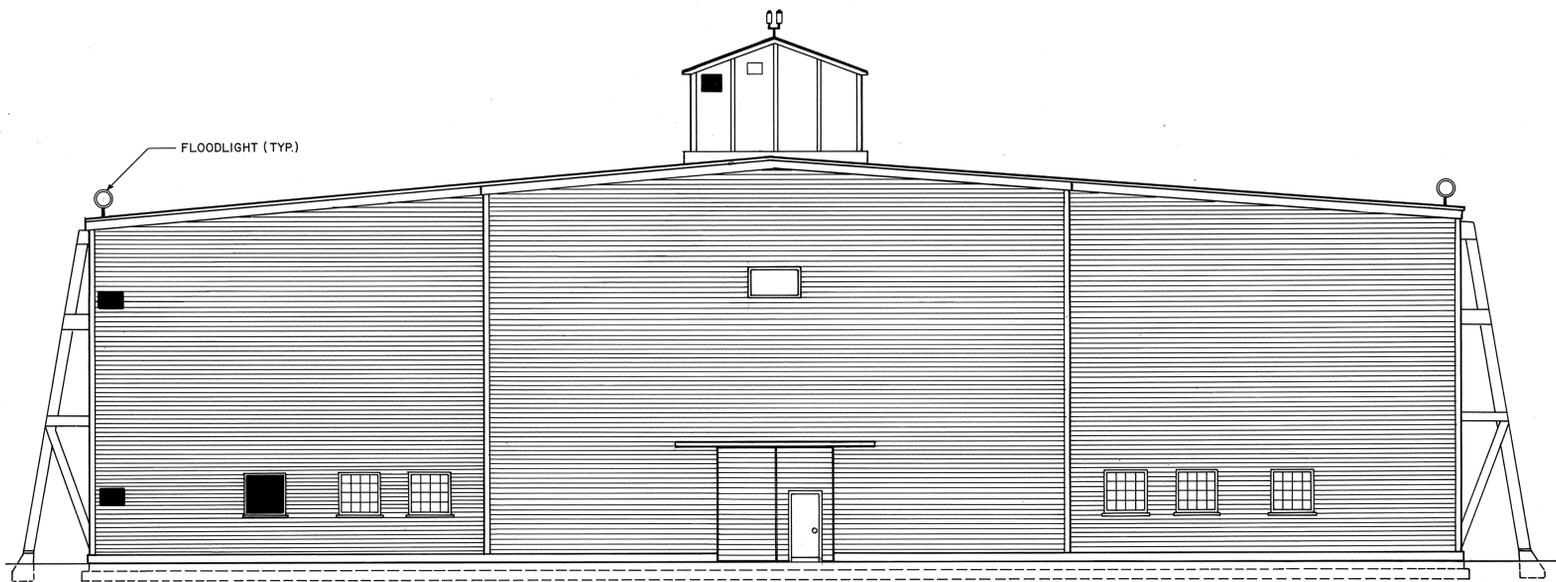
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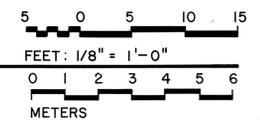
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SOUTH ELEVATION
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EAST ELEVATION
SCALE: 1/8" = 1'-0"



UNIVERSITY OF ALASKA
HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 2 OF 4

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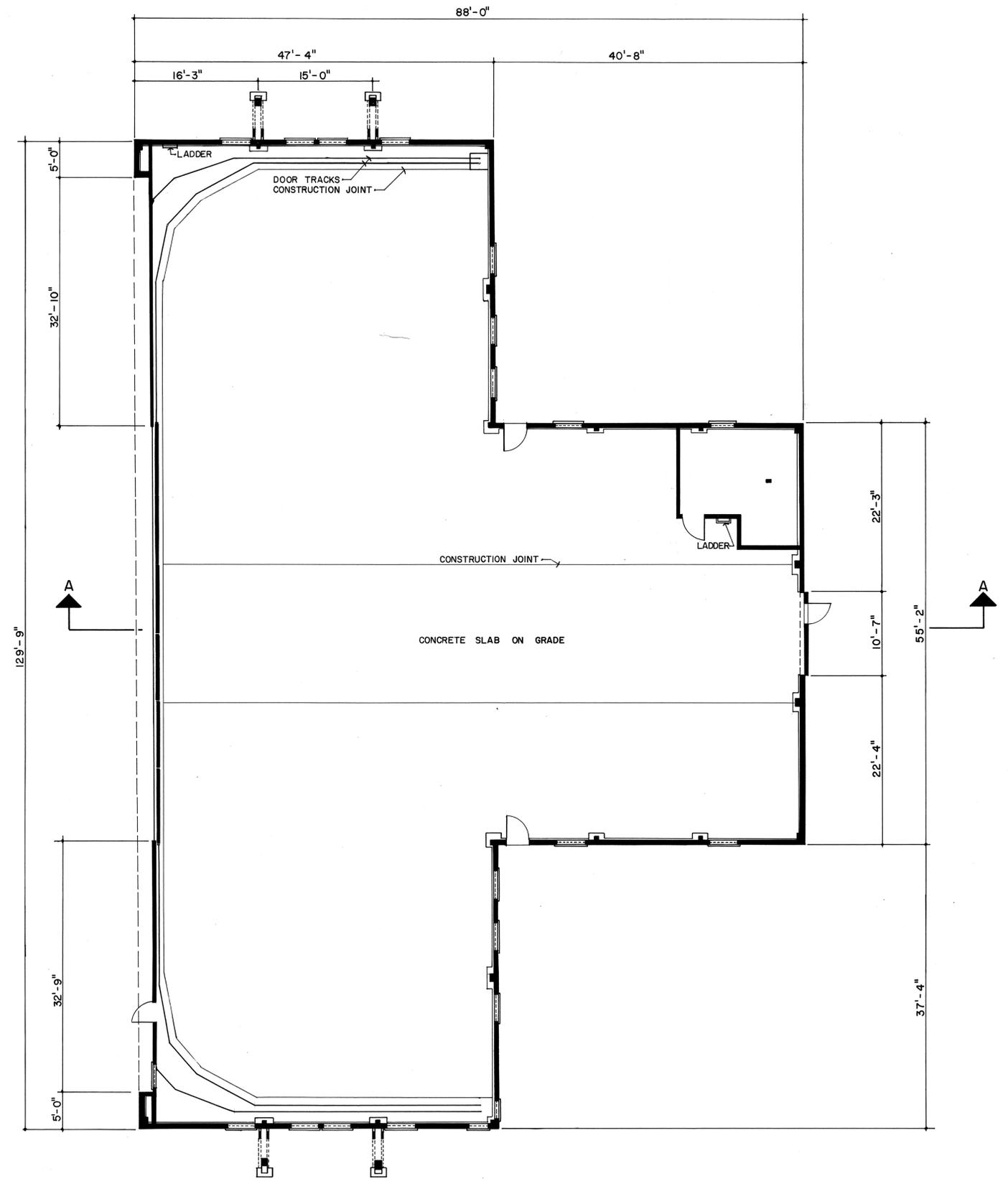
FAIRBANKS

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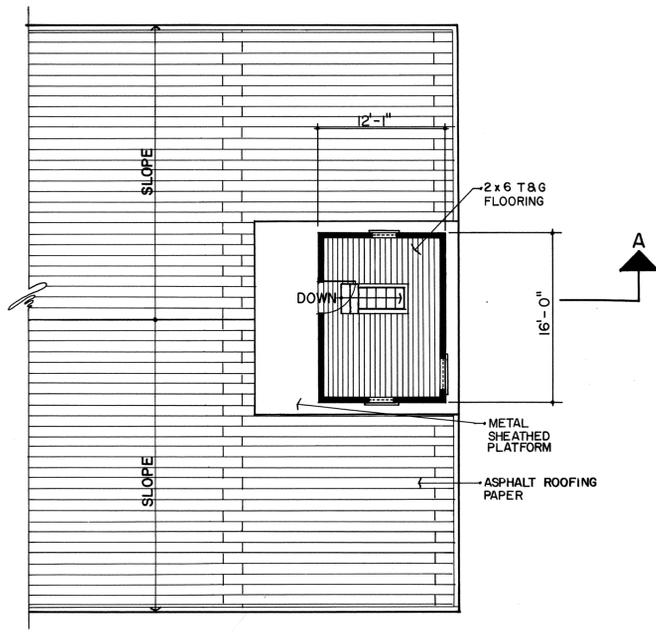
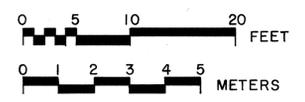
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FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

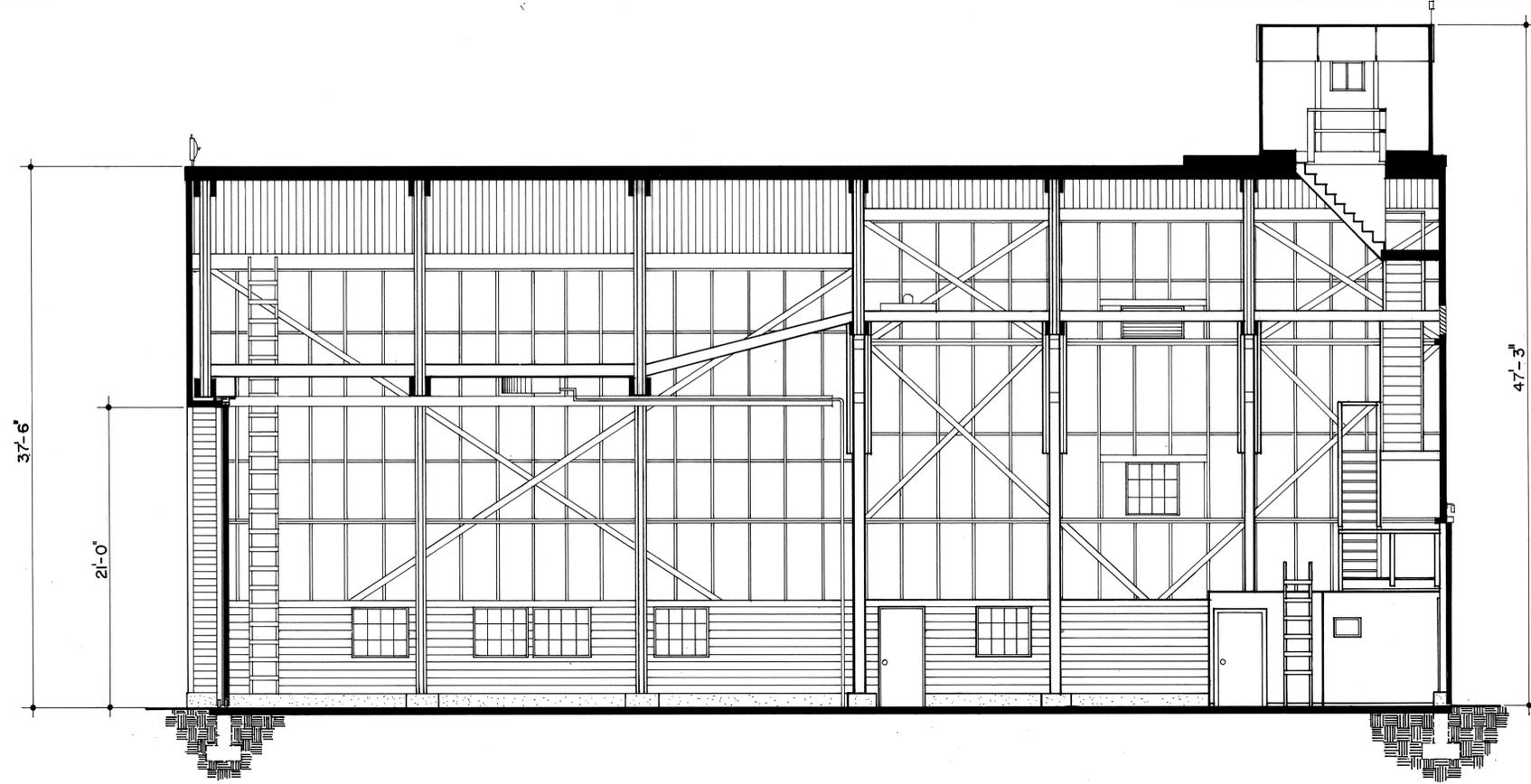


STOUT HOUSE FLOOR PLAN
SCALE: 1/8" = 1'-0"

DRAWN BY: RUSSELL SACKETT
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 NATIONAL PARK SERVICE
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 HISTORIC AMERICAN BUILDINGS SURVEY
 SHEET 3 OF 4 SHEETS

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SECTION A-A
 SCALE: 3/16" = 1'-0"

MATERIAL NOTES:

WALLS: MAIN STRUCTURAL ELEMENT COMPOSED OF BUILT-UP COLUMNS SUPPORTING HOWE TRUSSES. 2x4 ON 30" CENTER STUD WALL INFILLS SPACE BETWEEN COLUMNS. EXTERIOR SHEATHED IN 2x6 SHIPLAP SIDING, INTERIOR EXPOSED STUD WALL EXCEPT FOR 1x2 WAINSCOTTING, MINERAL FIBER INSULATION.

FLOOR: FIRST FLOOR CONCRETE SLAB ON GRADE. STOUT HOUSE FLOOR 2x6 T & G.

ROOF: HOWE TRUSSES WITH ASSOCIATED PURLINS MAIN SUPPORT, 2x6 ROOF DECKING COVERED BY MINERAL SURFACE ROLL ROOFING. INTERIOR OF ROOF SHEATHED IN ASBESTOS.



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 SHEET 4 OF 4
 SURVEY NO. AK-36C
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**LADD FIELD
 KODIAK T-HANGAR (1542)**
 FAIRBANKS
 DRAWN BY: GLEN KRAVITZ
 LADD FIELD PROJECT
 NATIONAL PARK SERVICE
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HISTORIC AMERICAN BUILDINGS SURVEY

INDEX TO PHOTOGRAPHS

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James Stuhler, Photographer

January, June 1986

- AK-36C-1 LOOKING NORTHEAST
- AK-36C-2 LOOKING SOUTHWEST
- AK-36C-3 LOOKING NORTH/NORTHWEST
- AK-36C-4 LOOKING NORTHEAST
- AK-36C-5 LOOKING EAST
- AK-36C-6 DETAIL OF ROLLERS
- AK-36C-7 INTERIOR, LOOKING NORTH
- AK-36C-8 INTERIOR, LOOKING SOUTHWEST
- AK-36C-9 DETAIL OF SUPPORTS



AK-36-8-1



AK-368-2

AK-36E-3





AK-36E-5



AK-36 K-6

AK-36 E-7



HABS No MK-36 C-8



AK-368-9

