

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

HABS No. AK-36C

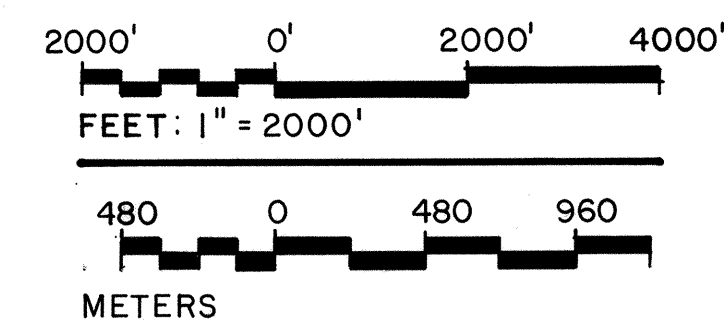
HABS
AK,
6-FA1B4,
1-C-

PHOTOGRAPHS
WRITTEN HISTORICAL AND DESCRIPTIVE DATA
REDUCED COPIES OF MEASURED DRAWINGS

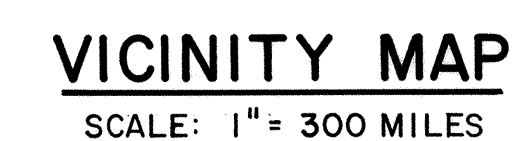
Historic American Buildings Survey
National Park Service
Department of the Interior
Washington, DC 20013-7127

HABS AK, 6-FAIBA, 1-C-

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 Corps of Engineers		DATE 16 December, 1985



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



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.

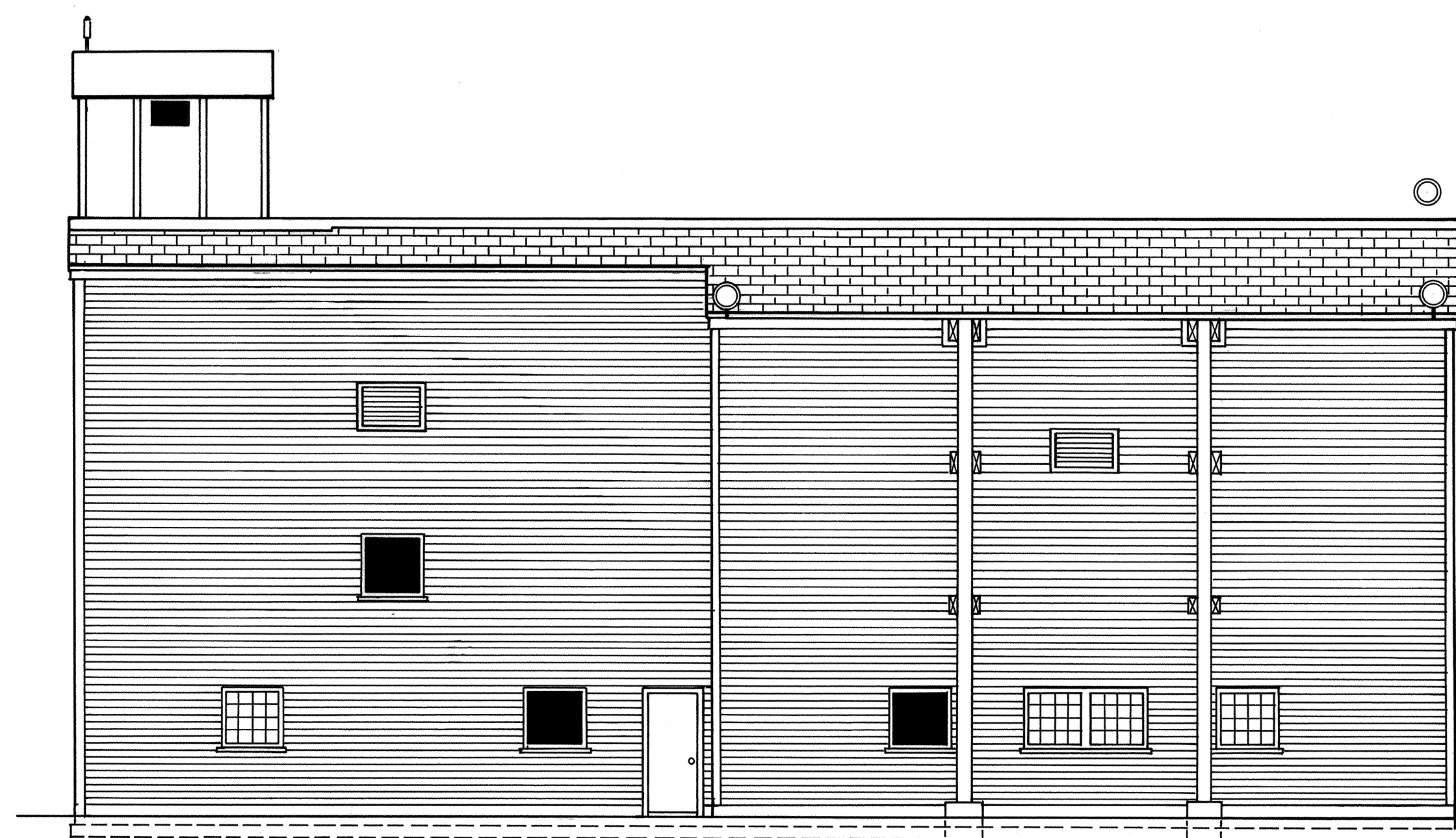
SURVEY NO.
AK-36C

REPRODUCED BY	PIASE CREDIT	HISTORIC AMERICAN BUILDINGS SURVEY	NATIONAL PARK SERVICE	NAME OF DELINEATOR	DATE OF THE DRAWING

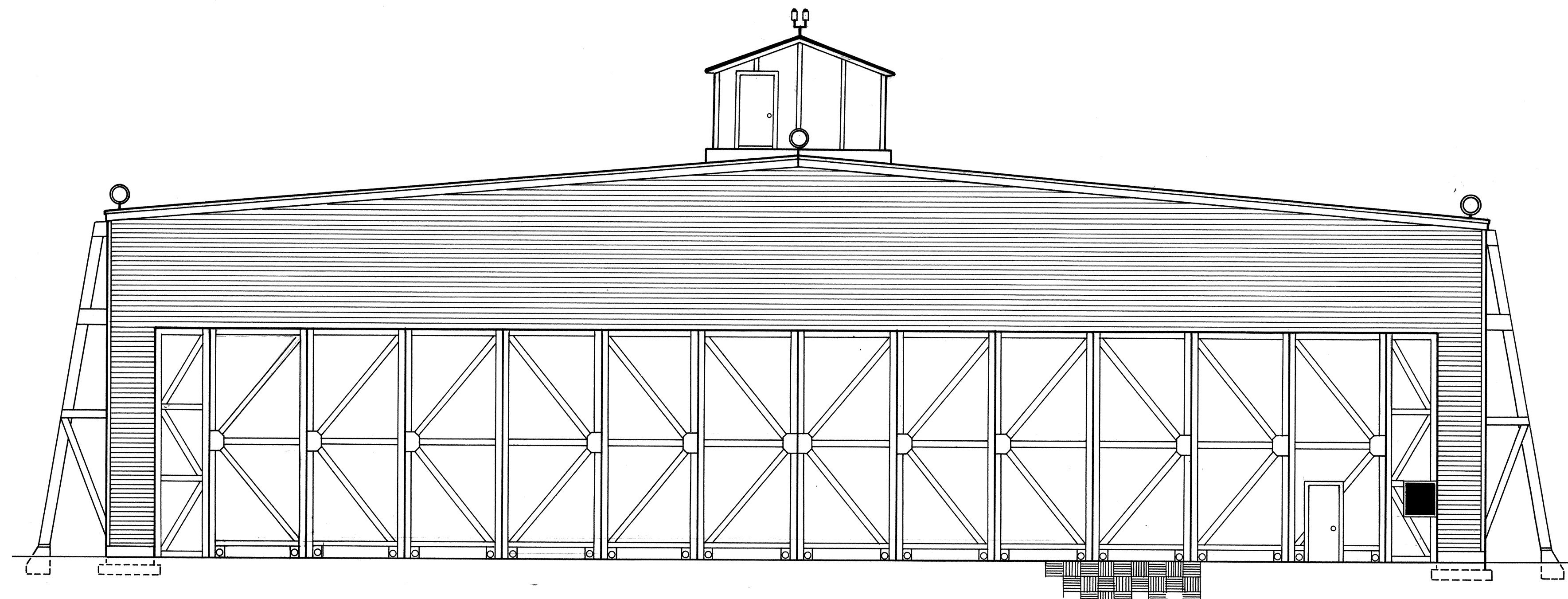
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TIME OF EDITING. THIS MATERIAL MAY NOT~~

NOTE :

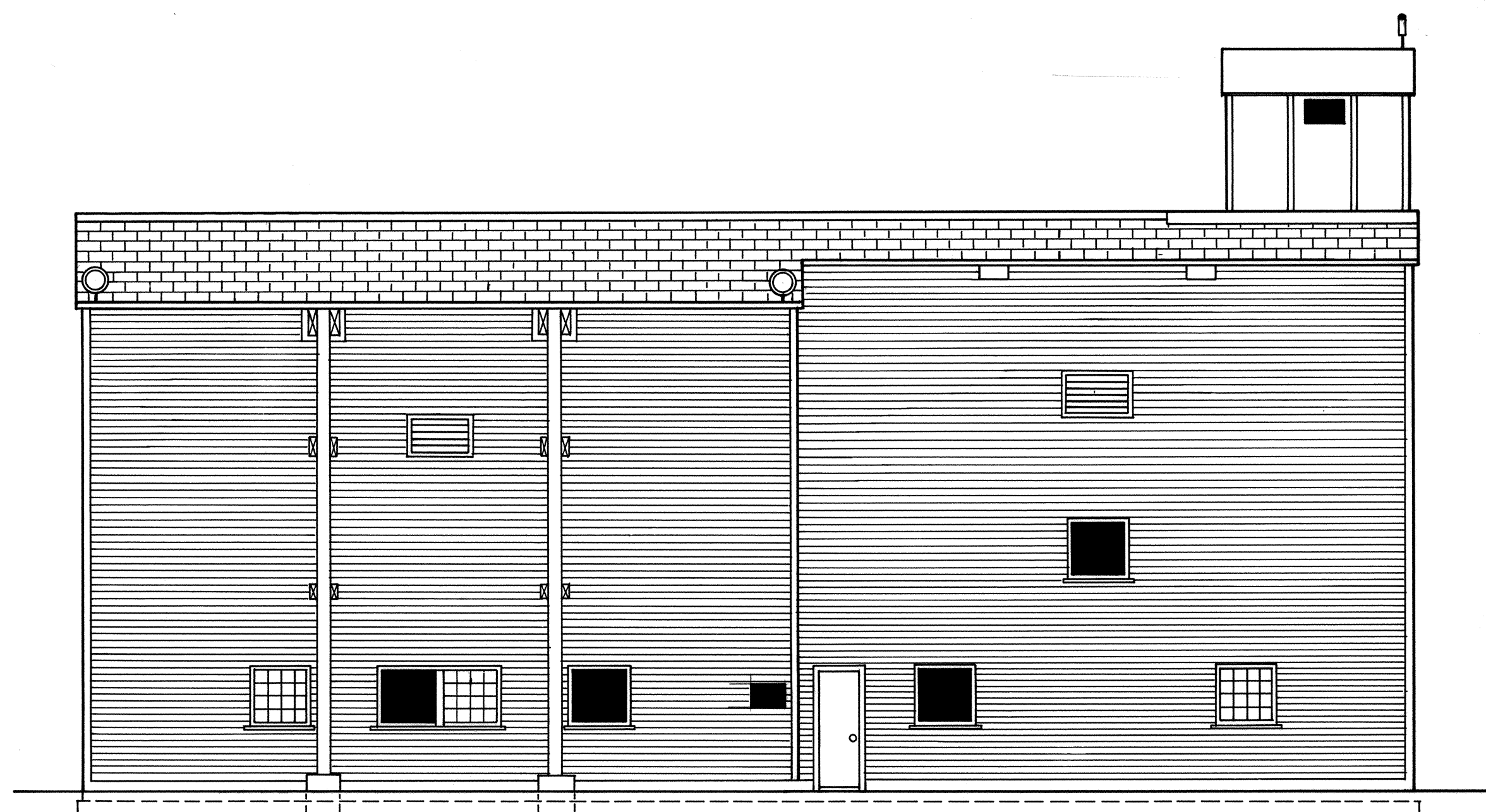
SEE SHEET 1 FOR BUILDING DESCRIPTION

**NORTH ELEVATION**

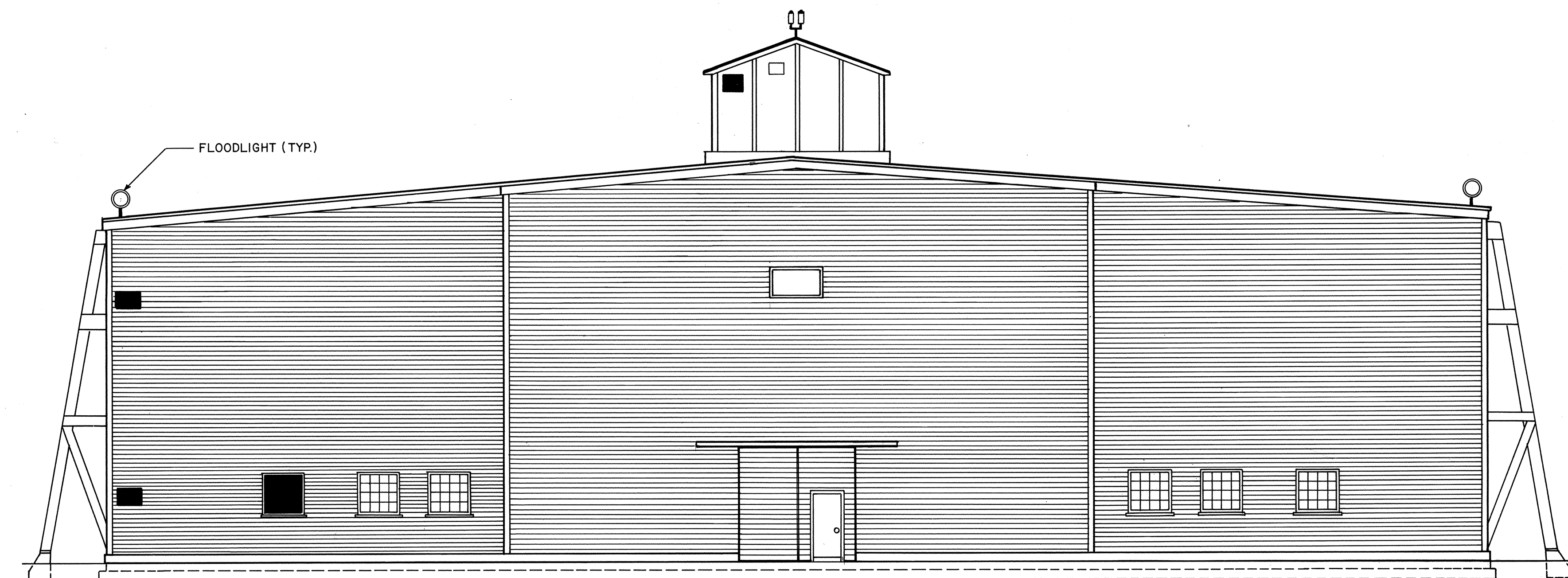
SCALE: 1/8" = 1'-0"

**WEST ELEVATION**

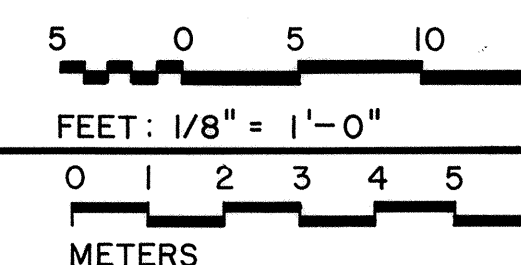
SCALE: 1/8" = 1'-0"

**SOUTH ELEVATION**

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

**EAST ELEVATION**

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



DRAWN BY: INGRID N. THOMAS, 1985

LADD FIELD PROJECT
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

FAIRBANKS

NAME AND LOCATION OF STRUCTURE
LADD FIELD
KODIAK T-HANGAR (J542)SURVEY NO.
AK-36C

ALASKA

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 2 OF 4 SHEETS

DATE OF CONSTRUCTION

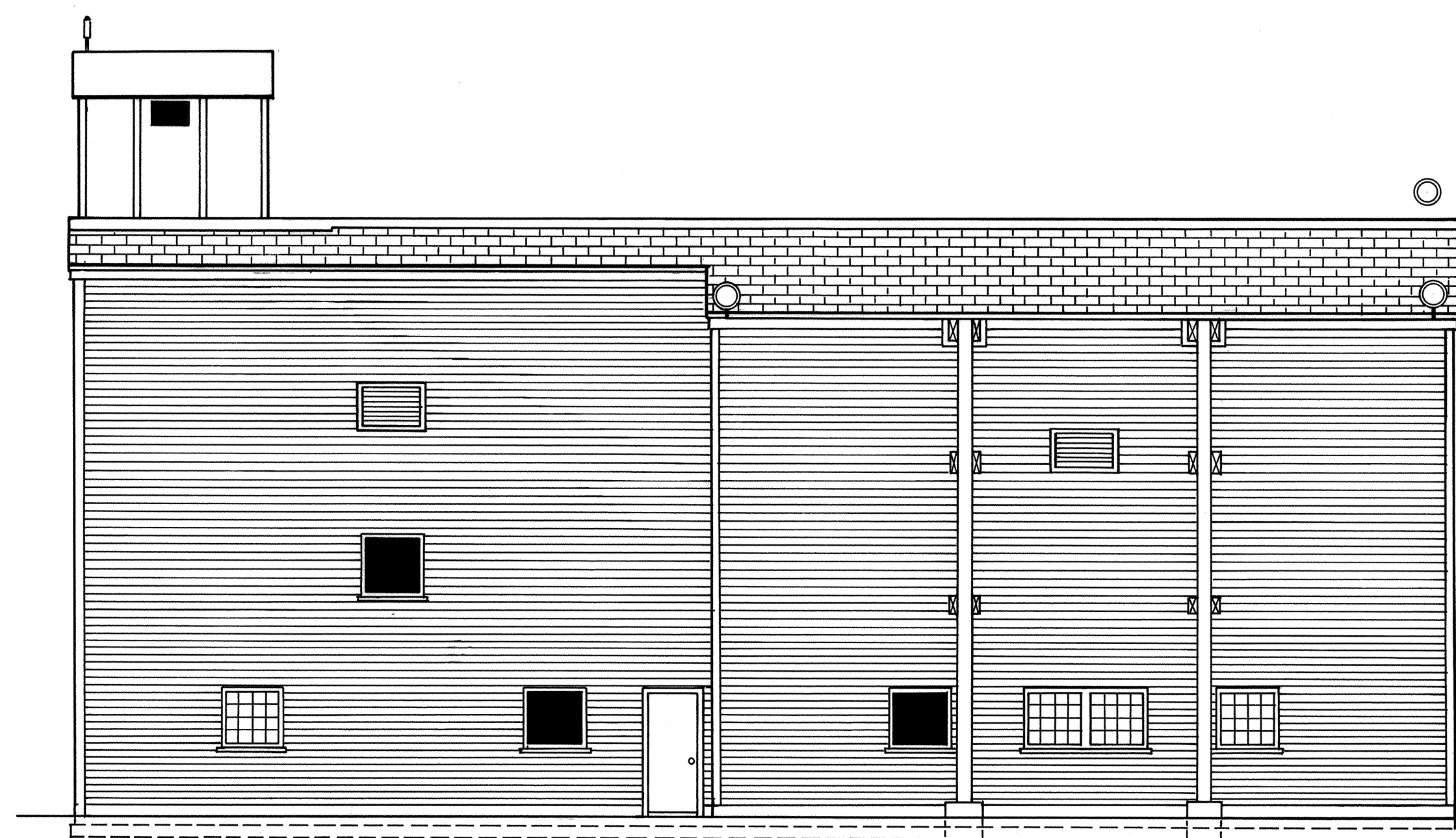
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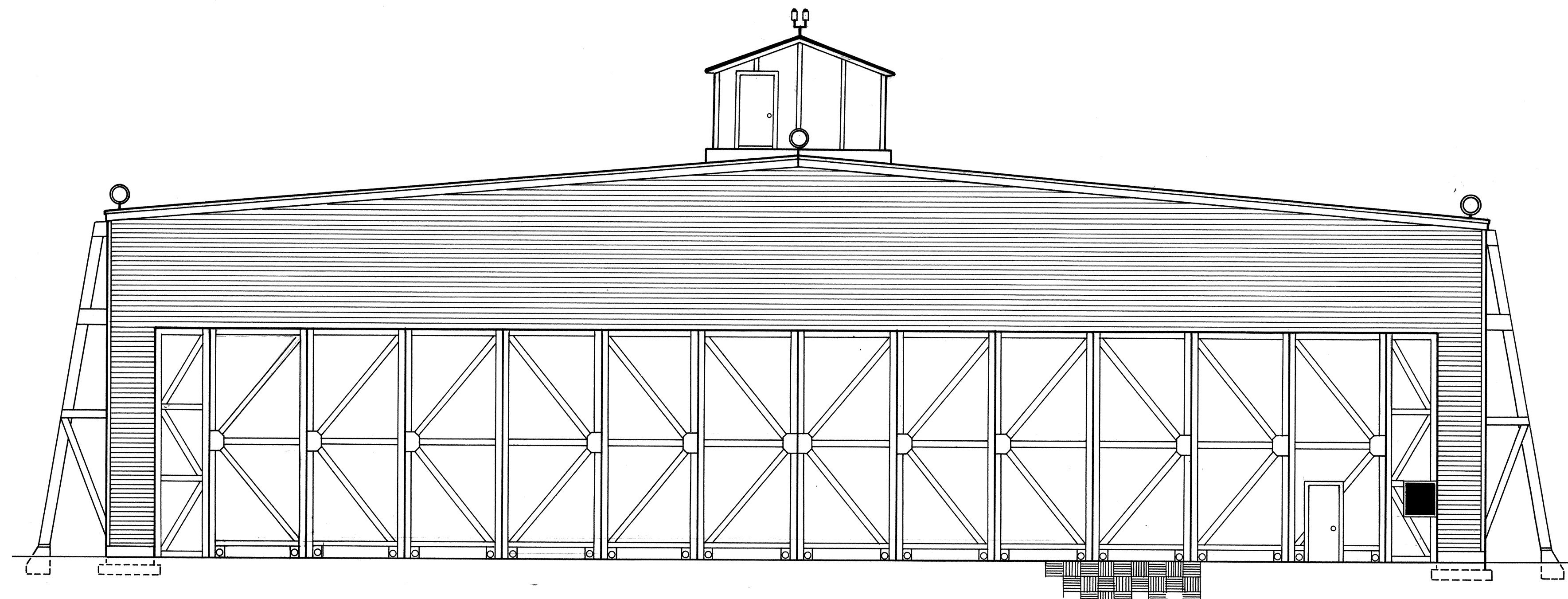
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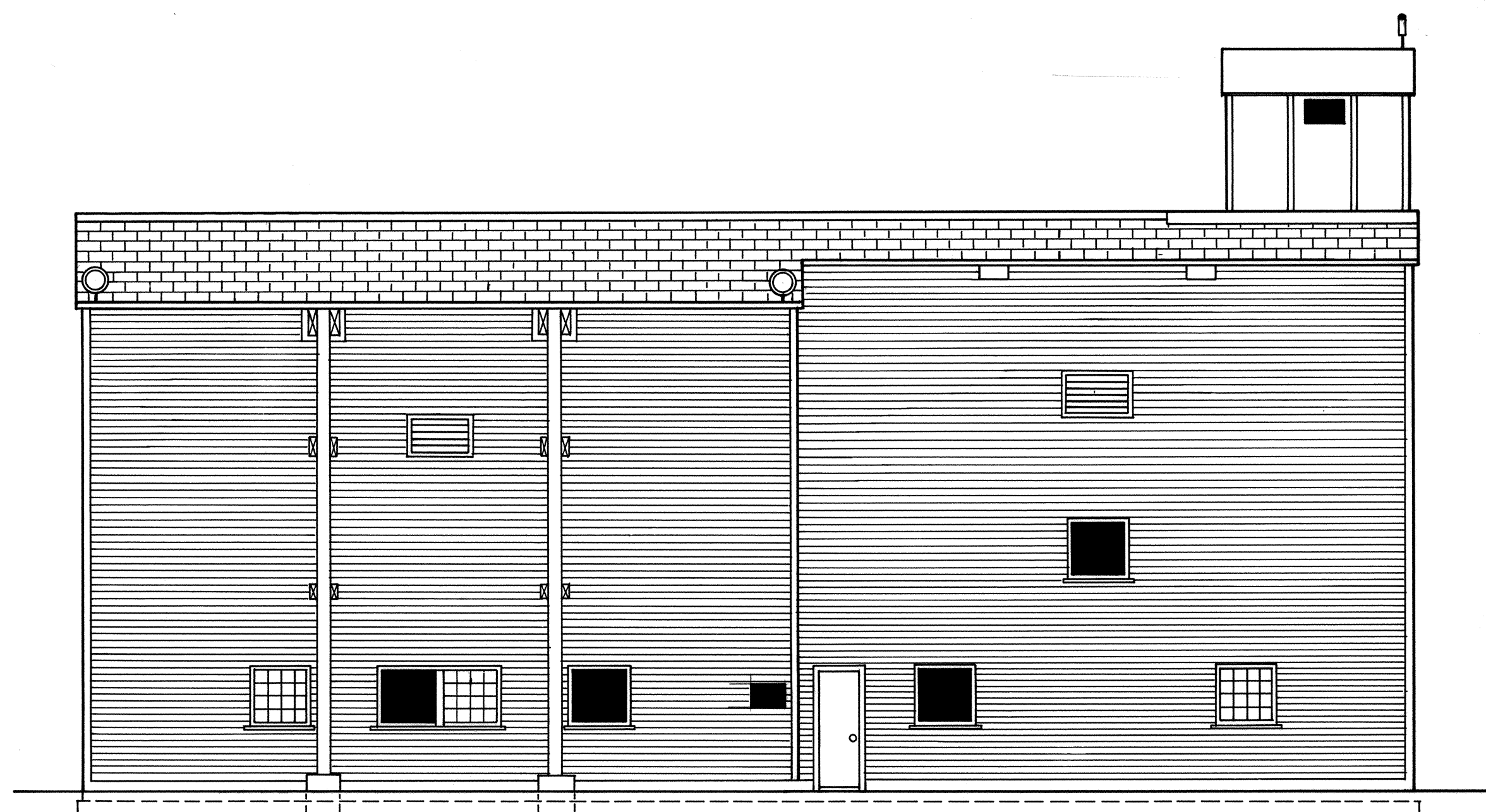
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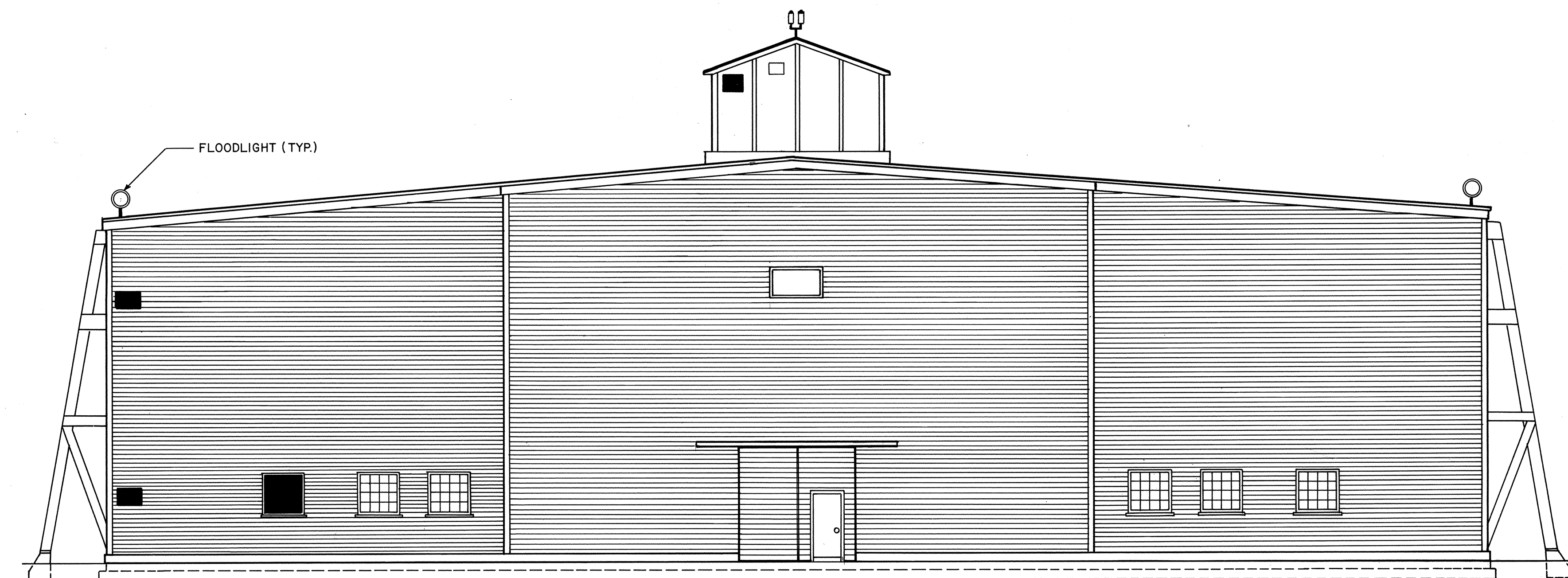
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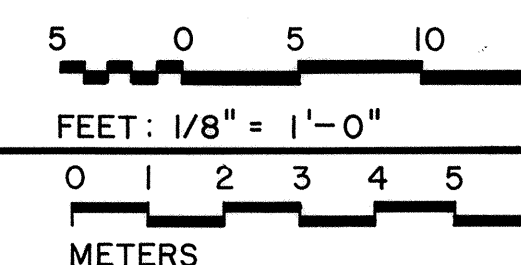
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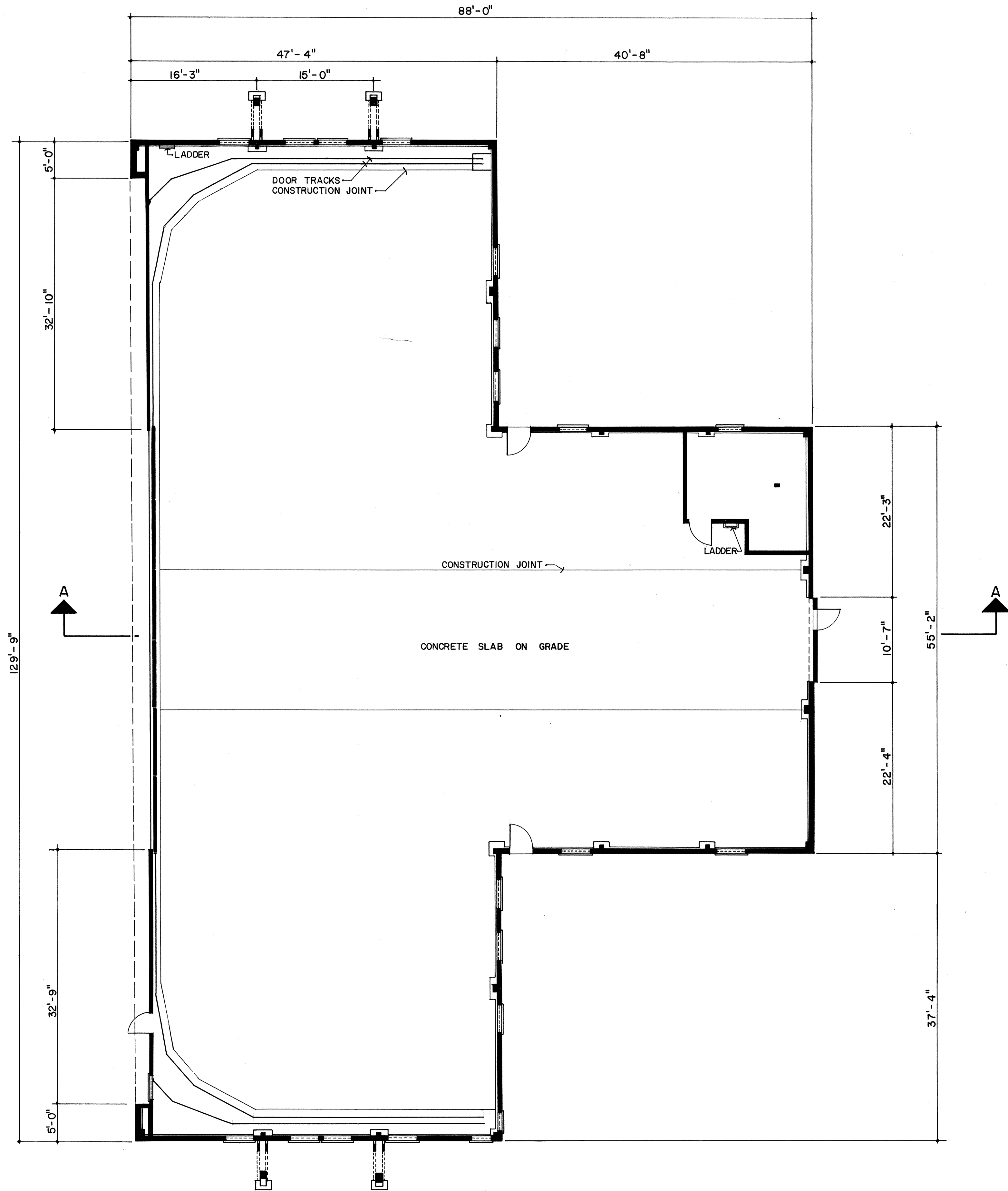
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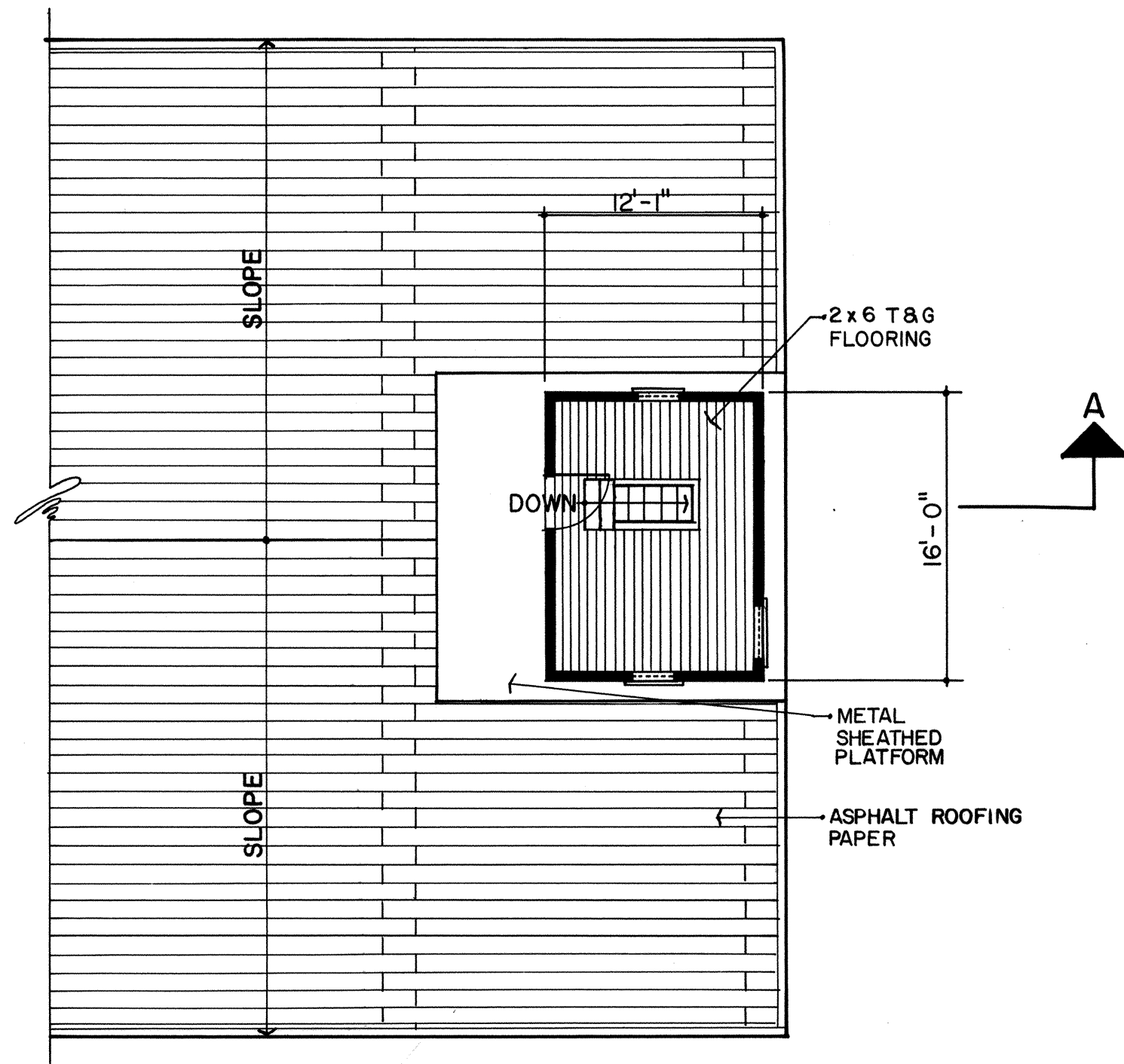
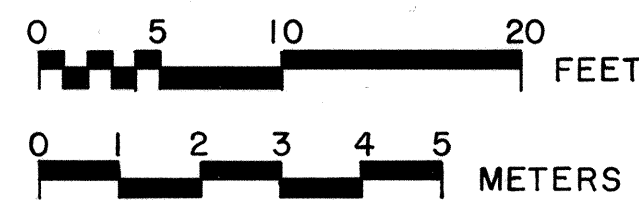
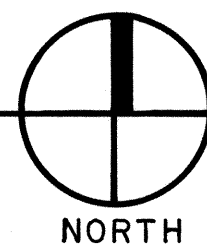
FAIRBANKS

NAME AND LOCATION OF STRUCTURE
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AK-36C
ALASKAHISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 2 OF 4 SHEETSUNIVERSITY OF CALIFORNIA
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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

LADD FIELD PROJECT
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

FAIRBANKS

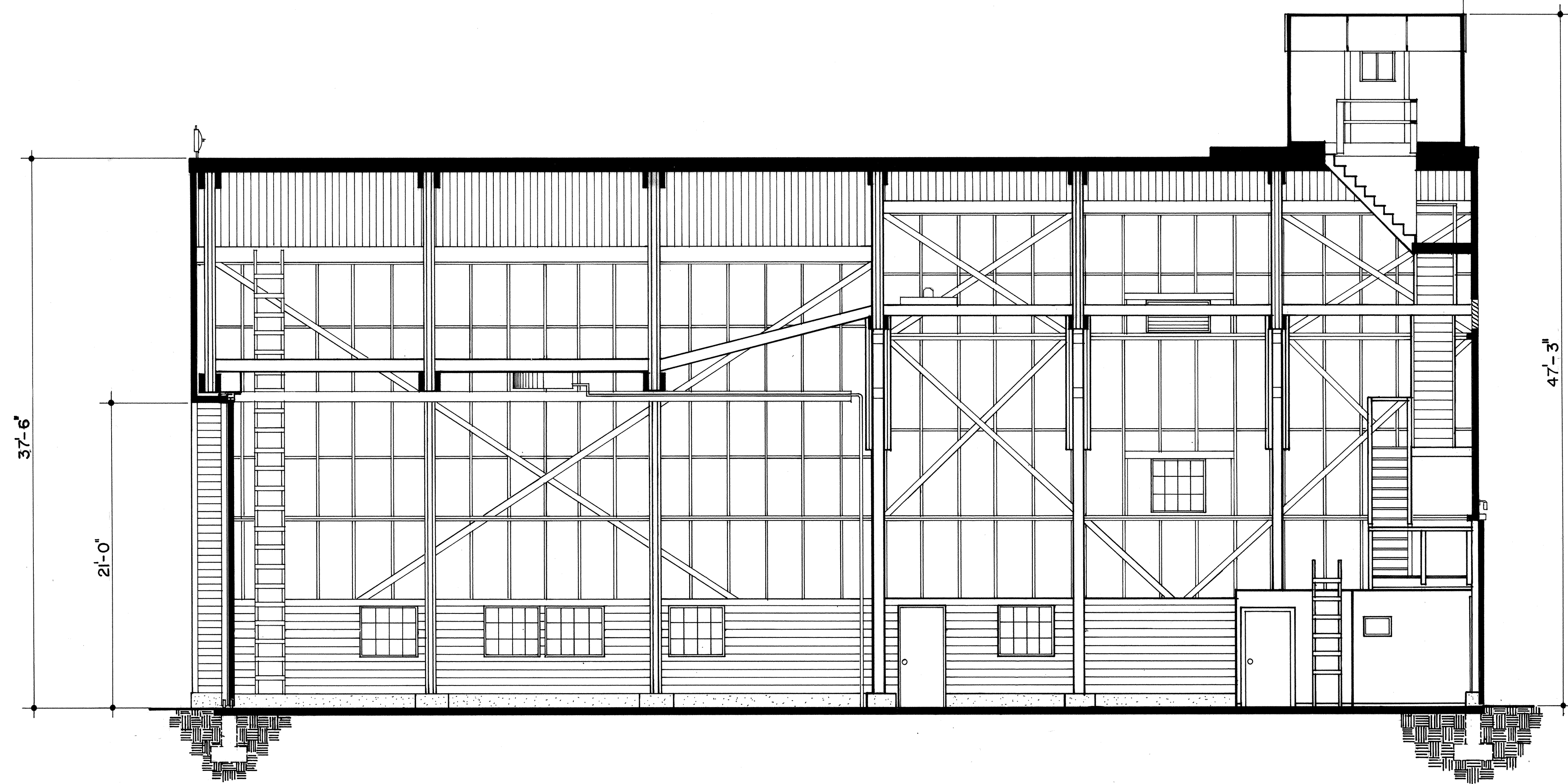
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HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 3 OF 4 SHEETS

LIBRARY OF CONGRESS
PROJECT NUMBER



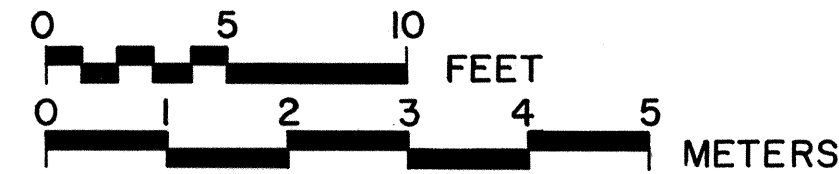
SECTION A-A
SCALE: 3/16" = 1'-0"

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.



DRAWN BY: GLEN KRAVITZ

LADD FIELD PROJECT
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

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SHEET 4 OF 4 SHEETS

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HISTORIC AMERICAN BUILDINGS SURVEY

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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-S-1



AK-368-2

AK-36F-3





AK-36B-5



AK-36 K-6

AK-36 E-7



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AK-36-9

