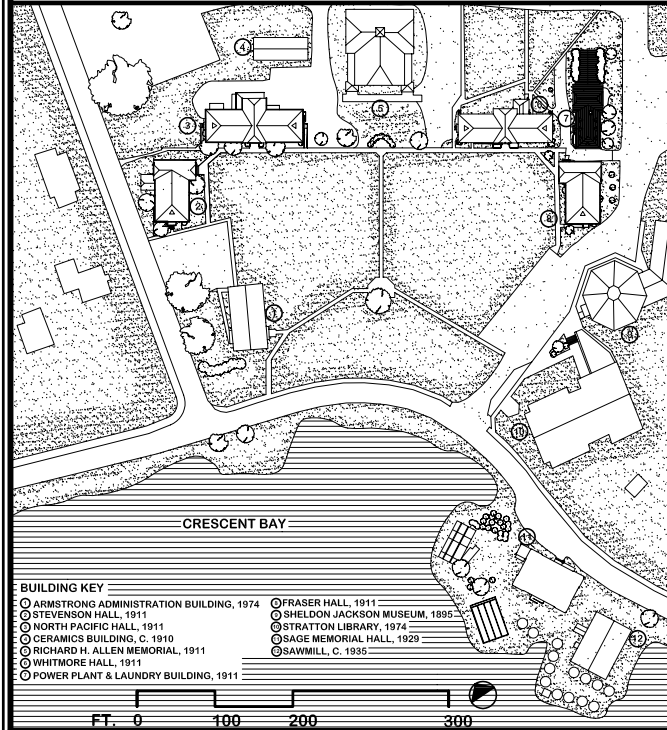


POWER PLANT AND LAUNDRY BUILDING

THE POWER PLANT AND LAUNDRY BUILDING AT SHELDON JACKSON COLLEGE IN SITKA, ALASKA, IS ONE OF SIX BUILDINGS DESIGNED IN 1910 BY THE NEW YORK ARCHITECTURE FIRM OF LUDLOW AND PEABODY. CONSTRUCTED IN 1911, THE POWER PLANT AND LAUNDRY BUILDING CONTRIBUTES TO THE SHELDON JACKSON SCHOOL NATIONAL HISTORIC LANDMARK, WHICH IS RECOGNIZED AS THE OLDEST EDUCATIONAL INSTITUTION IN ALASKA AND FOR ITS ROLE IN EDUCATING NATIVE ALASKANS. THIS BUILDING IS SITED ON THE NORTHEASTERN EDGE OF THE HISTORIC QUADRANGLE BETWEEN WHITMORE AND FRASER HALLS.

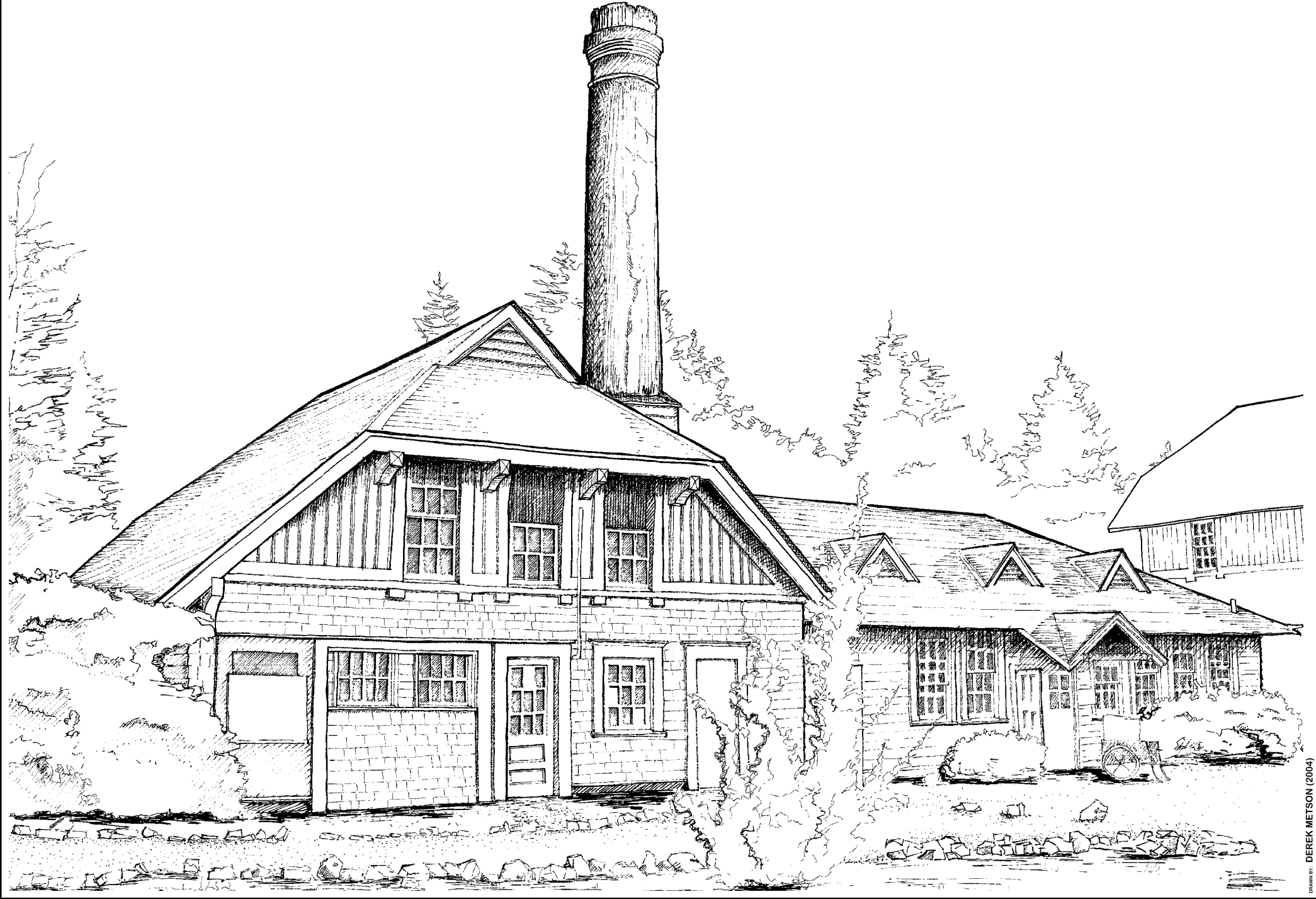
THE POWER PLANT AND LAUNDRY BUILDING ORIGINALLY HOUSED THE BOILERS WHICH PROVIDED HOT WATER AND STEAM HEATING FOR THE ENTIRE CAMPUS, A CONCEPT THAT WAS CONSIDERED INNOVATIVE IN 1911. THE BOILERS WERE ORIGINALLY COAL FIRED BUT WERE REPLACED SHORTLY AFTER WITH AN OIL BURNING SYSTEM.

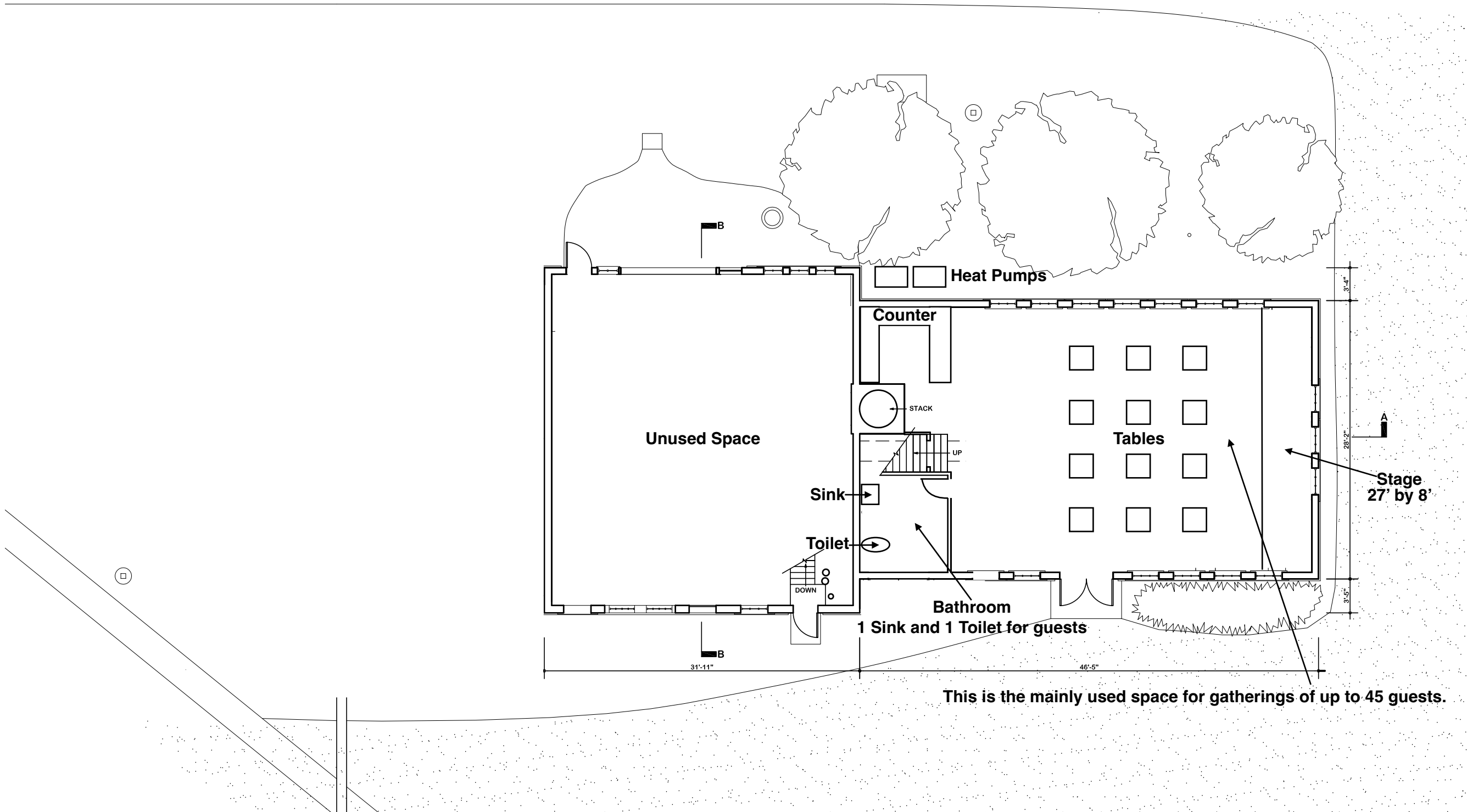
Note: All old bunkers have been removed and the ground filled in. We have removed this section from the drawings as it does not exist anymore.



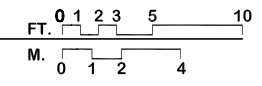
- BUILDING KEY**
- ARMSTRONG ADMINISTRATION BUILDING, 1974
 - STEVENSON HALL, 1911
 - NORTH PACIFIC HALL, 1910
 - CERAMICS BUILDING, C. 1910
 - RICHARD H. ALLEN MEMORIAL, 1911
 - WHITMORE HALL, 1911
 - POWER PLANT & LAUNDRY BUILDING, 1911
 - FRASER HALL, 1911
 - SHELDON JACKSON MUSEUM, 1895
 - STRATTON LIBRARY, 1974
 - SAGE MEMORIAL HALL, 1929
 - SAWMILL, C. 1935

POWER PLANT & LAUNDRY BUILDING



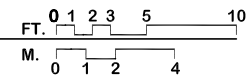
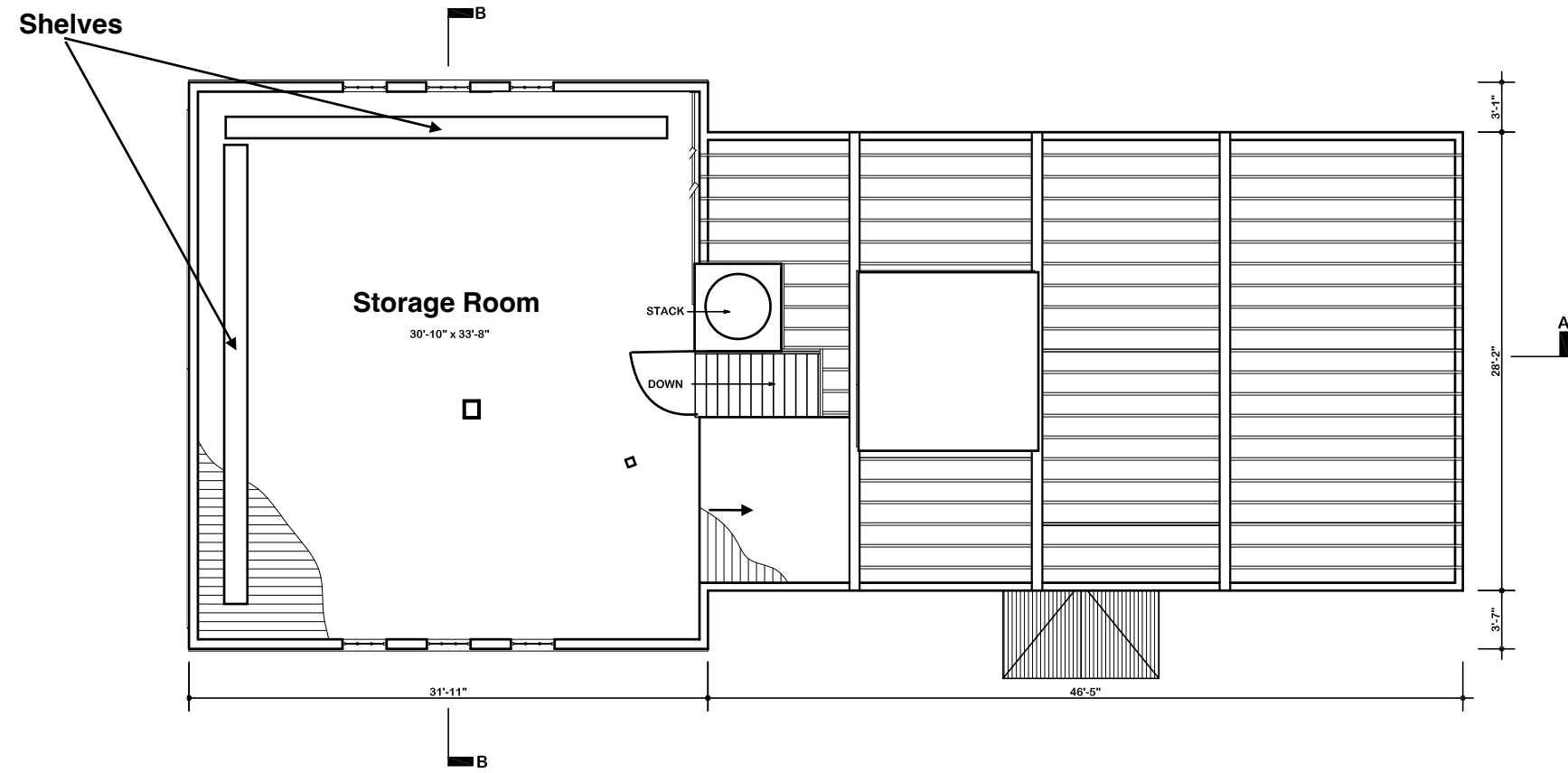


FIRST FLOOR PLAN
SCALE: 3/32" = 1'-0"



This is the mainly used space for gatherings of up to 45 guests.

SECOND FLOOR PLAN
SCALE: 3/32" = 1'-0"



DRAWN BY: SUJEANN BROWN (2004)

SHELDON JACKSON COLLEGE
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

NAME AND LOCATION OF STRUCTURE
POWER PLANT & LAUNDRY BUILDING - SHELDON JACKSON SCHOOL
BARANOF ISLAND
ALASKA

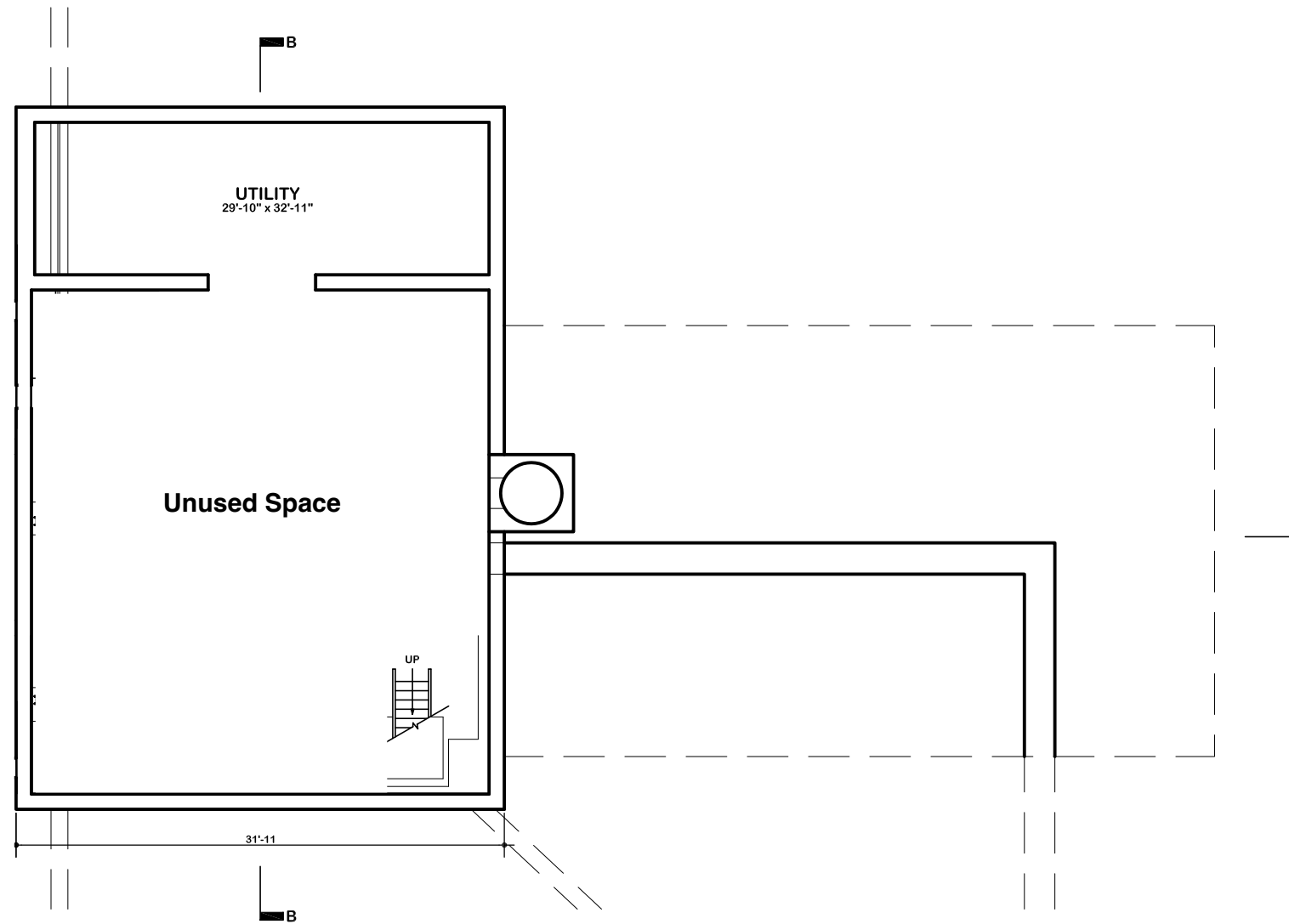
SURVEY NO.
AK-105-E

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 4 OF 13 SHEETS

LIMITED WARRANTY
ARCHITECTURE

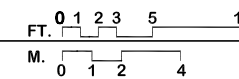
IF REPRODUCED, PLEASE CREDIT THE HISTORIC AMERICAN BUILDINGS SURVEY, NATIONAL PARK SERVICE, NAME OF DELINEATOR, DATE OF DRAWING

BASEMENT PLAN
SCALE: 3/32" = 1'-0"



FOUNDATION NOTES

THE SINGLE STORY PORTION OF THE POWER PLANT & LAUNDRY BUILDING BEARS ON A CONCRETE PERIMETER WALL THAT RISES SIX INCHES ABOVE THE FINISH FLOOR. THE FLOOR SURFACE CONSISTS OF A SLAB ON GRADE.



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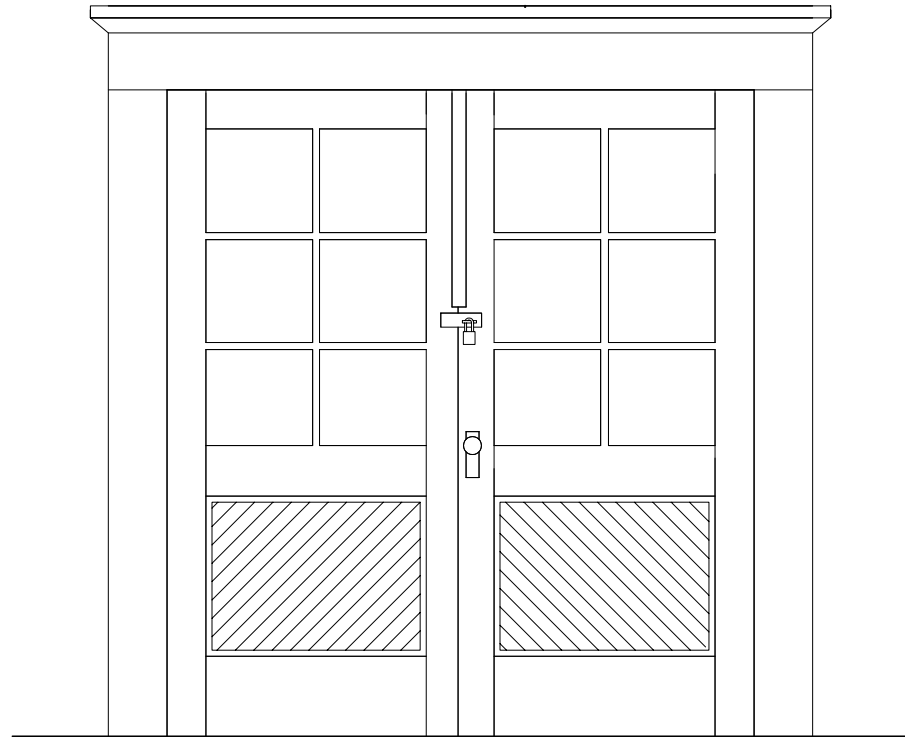
SHELDON JACKSON COLLEGE
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

NAME AND LOCATION OF STRUCTURE: **POWER PLANT & LAUNDRY BUILDING - SHELDON JACKSON SCHOOL**
CITY OF SITKA, ALASKA

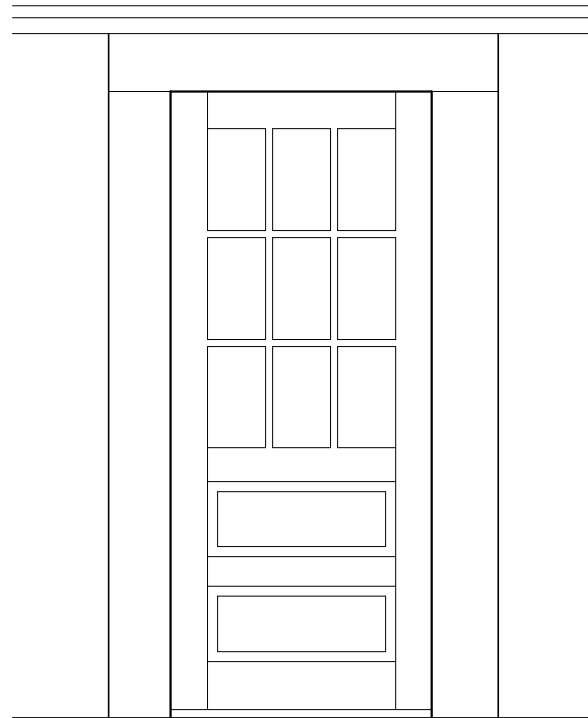
SURVEY NO.:
AK-105-E

HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 2 OF 13 SHEETS

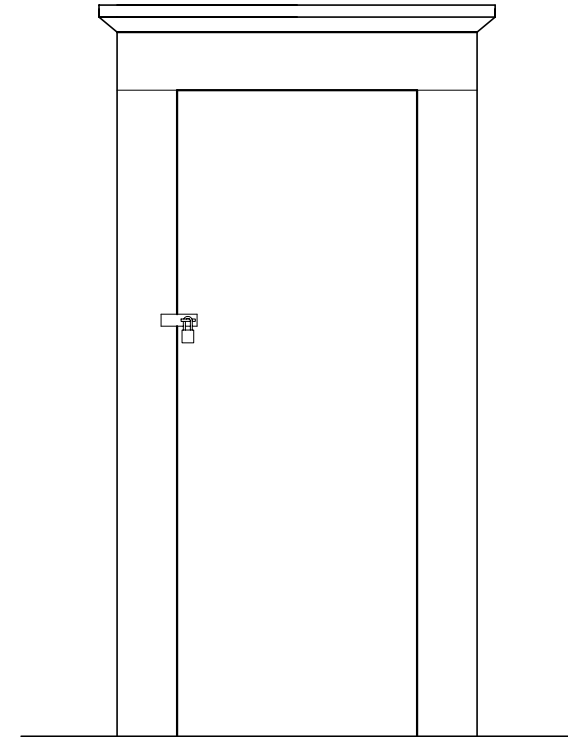
IF REPRODUCED, PLEASE CREDIT THE HISTORIC AMERICAN BUILDINGS SURVEY, NATIONAL PARK SERVICE, NAME OF DELINEATOR, DATE OF DRAWING



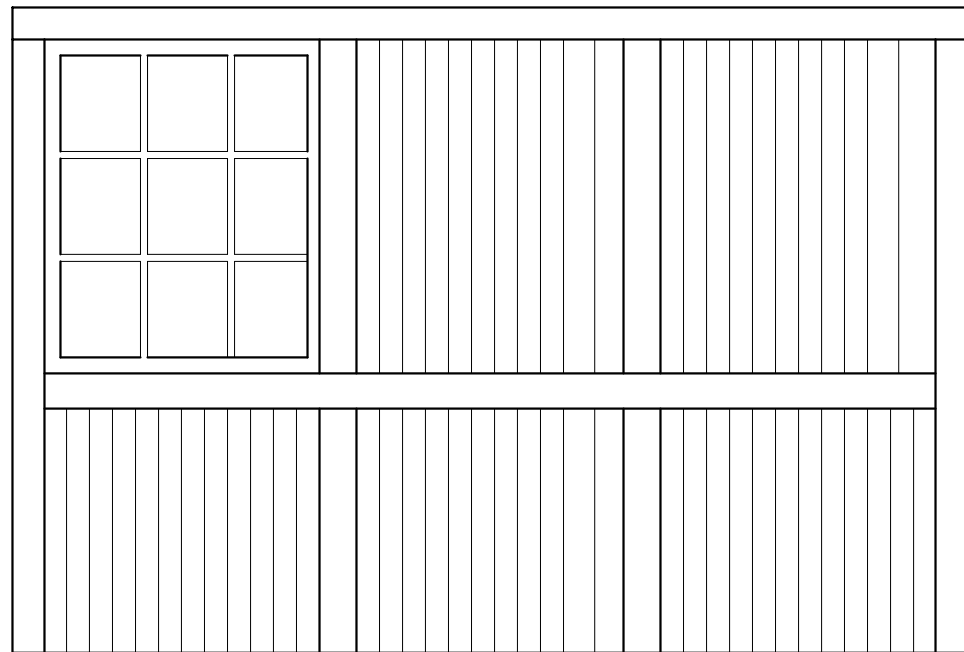
6/6 DOUBLE-HUNG WINDOW FT. 0 1 2
SCALE: 1" = 1'-0" M. 0 .25 .5 .75



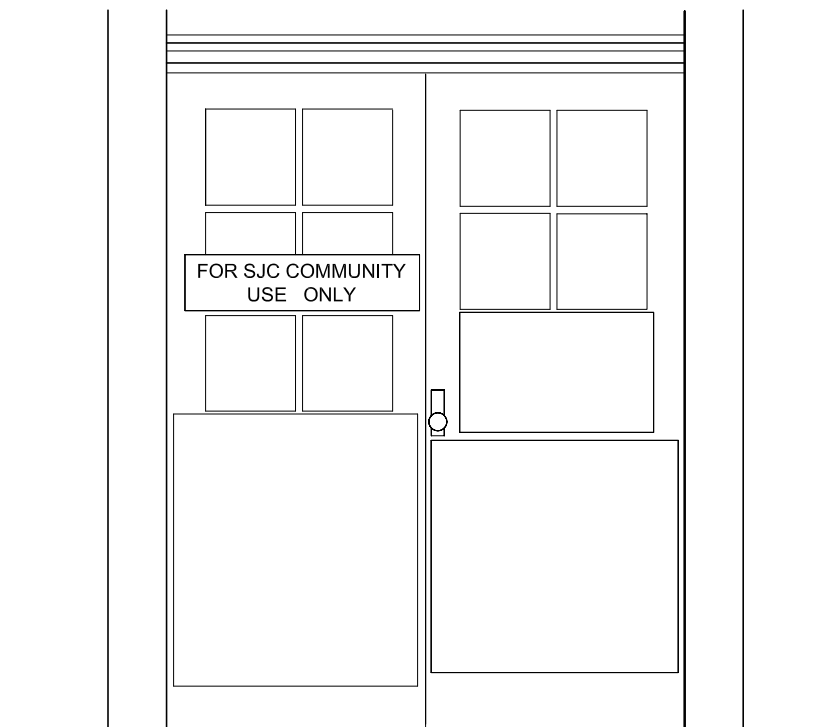
6/6 DOUBLE-HUNG WINDOW FT. 0 1 2
SCALE: 1" = 1'-0" M. 0 .25 .5 .75



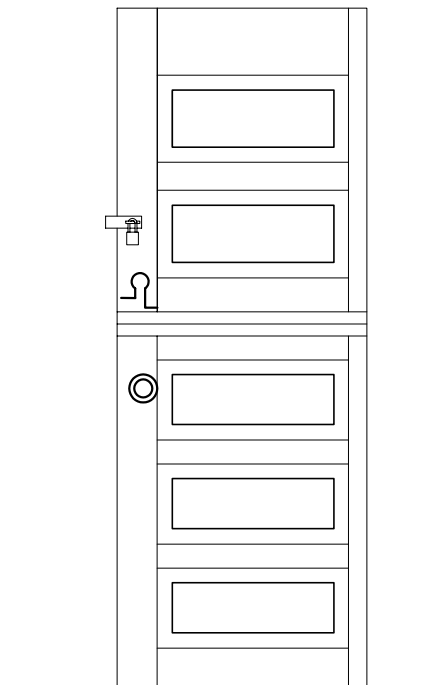
9 LIGHT PIVOTING WINDOW FT. 0 1 2
SCALE: 1" = 1'-0" M. 0 .25 .5 .75



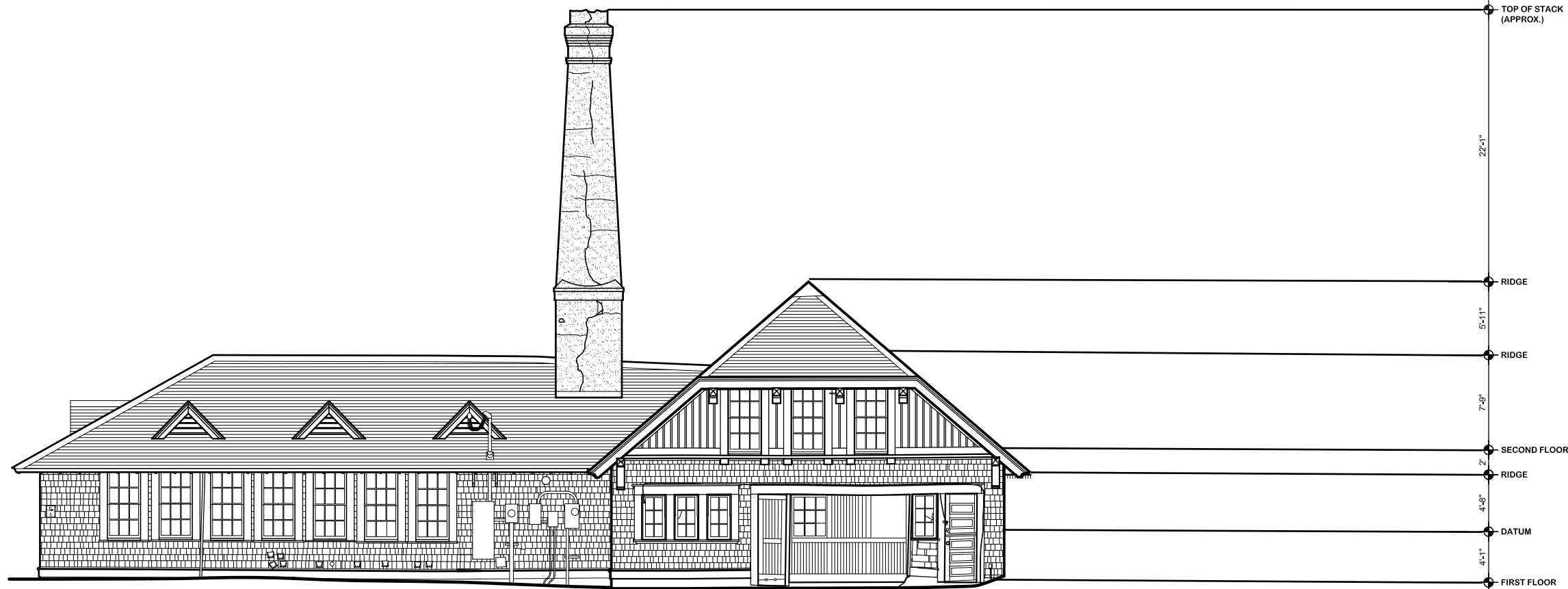
6/6 DOUBLE-HUNG WINDOW FT. 0 1 2
SCALE: 1" = 1'-0" M. 0 .25 .5 .75



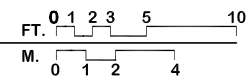
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SCALE: 1" = 1'-0" M. 0 .25 .5 .75



9 LIGHT PIVOTING WINDOW FT. 0 1 2
SCALE: 1" = 1'-0" M. 0 .25 .5 .75



EAST ELEVATION
SCALE: 3/32" = 1'-0"



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SHELDON JACKSON COLLEGE
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

NAME AND LOCATION OF STRUCTURE
POWER PLANT & LAUNDRY BUILDING - SHELDON JACKSON SCHOOL
BARANOF ISLAND
ALASKA

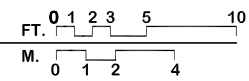
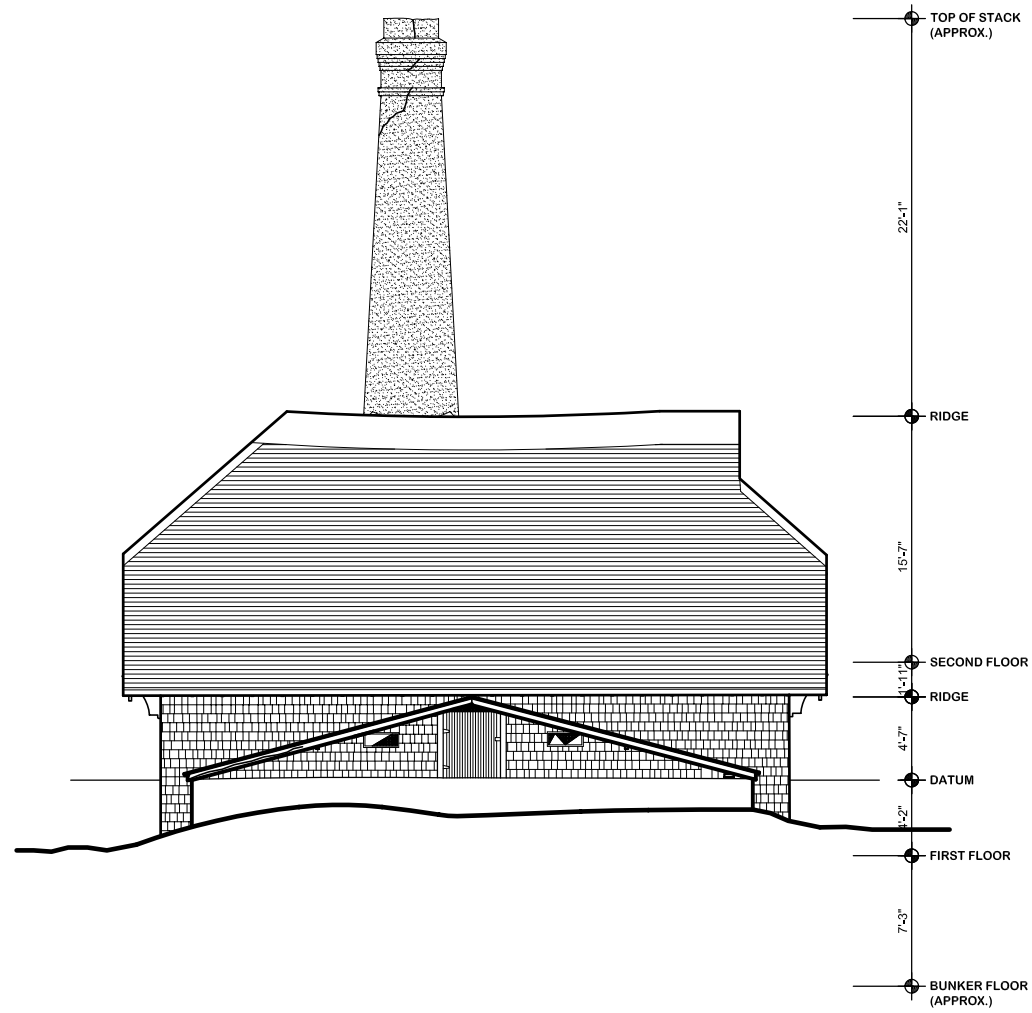
SURVEY NO.
AK-105-E

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 8 OF 13 SHEETS

UNIVERSITY OF ALASKA
FAIRBANKS

IF REPRODUCED, PLEASE CREDIT THE HISTORIC AMERICAN BUILDINGS SURVEY, NATIONAL PARK SERVICE, NAME OF DELINEATOR, DATE OF DRAWING

NORTH ELEVATION
SCALE: 3/32" = 1'-0"



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SHELDON JACKSON COLLEGE
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

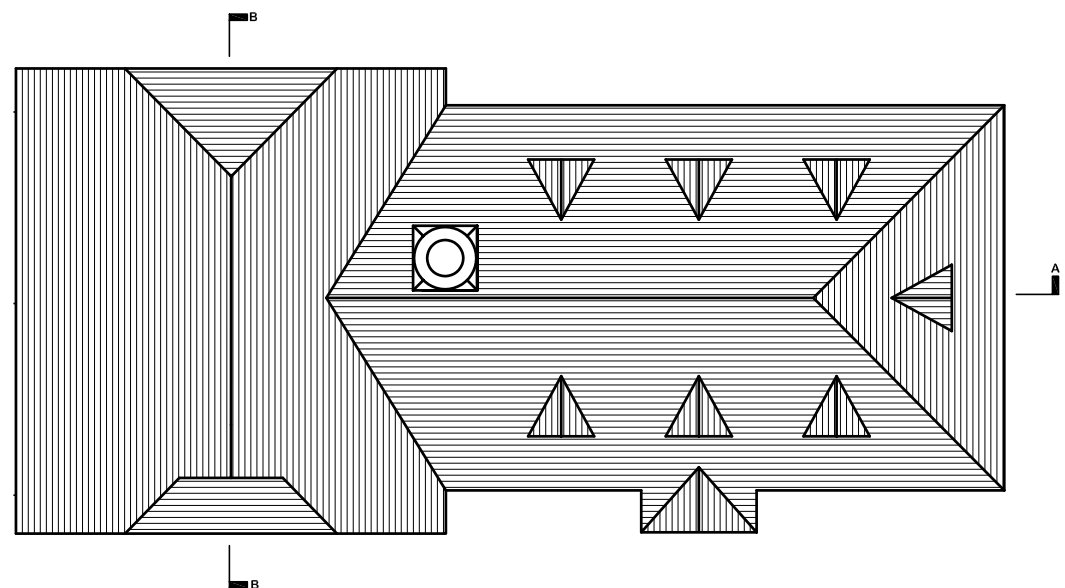
NAME AND LOCATION OF STRUCTURE
POWER PLANT & LAUNDRY BUILDING - SHELDON JACKSON SCHOOL
BARANOF ISLAND
ALASKA

SURVEY NO.
AK-105-E

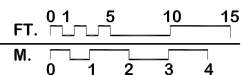
HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 7 OF 13 SHEETS

UNIVERSITY OF ALASKA
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ROOF FRAMING PLAN
SCALE: 1/16" = 1'-0"

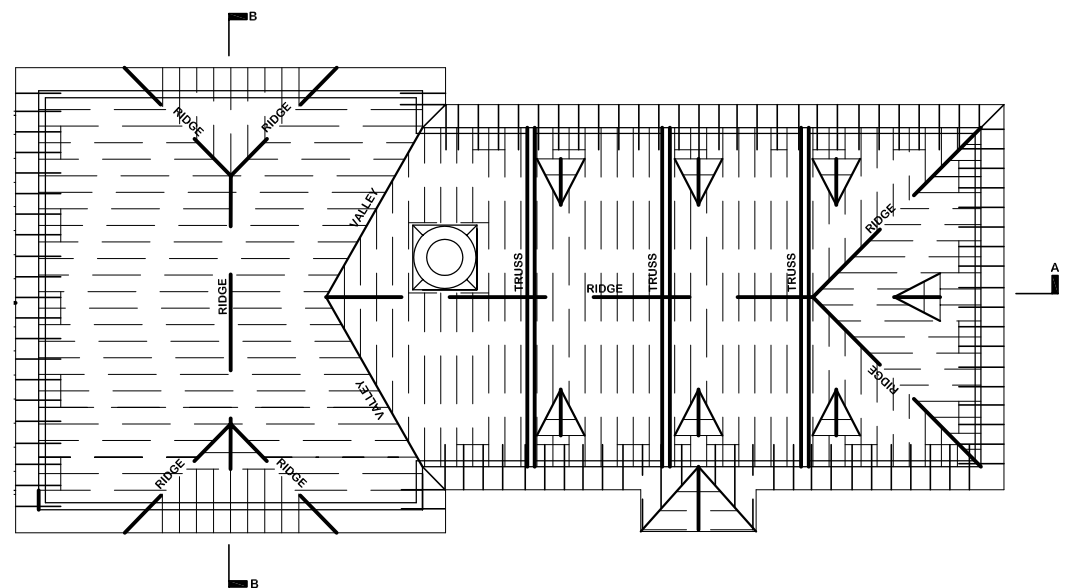


ROOF FRAMING NOTES

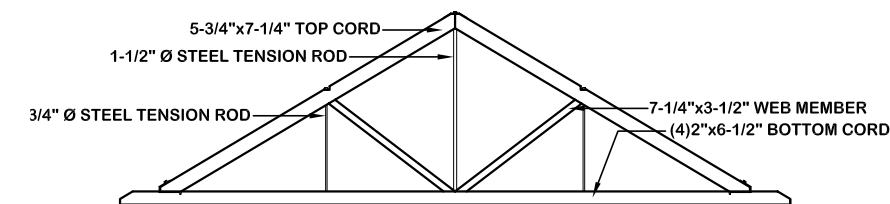
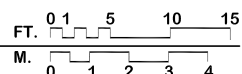
THREE HEAVY TIMBER HOWE TRUSSES ARE TYPICAL OF THOSE USED IN THE LUDLOW AND PEABODY BUILDINGS DATING TO 1910. THE BOTTOM CHORDS OF THE TRUSSES ARE CONSTRUCTED WITH BUILT UP 2" MEMBERS. THE TOP CHORDS ARE SOLID SAWN 5-3/4" X 7-1/4". THE WEB MEMBERS CONSIST OF 1-1/2" AND 3/4" DIAMETER VERTICAL ROUND STEEL TENSION RODS AND 7-1/4" X 3-1/2" WOOD DIAGONALS. HISTORICALLY, THE TRUSSES IN EACH BUILDING PROVIDED A COLUMN FREE SPACE BELOW, TYPICALLY A LARGE DORMITORY ROOM OR, IN THIS CASE, THE LAUNDRY FACILITY.

COMMON RAFTERS AND VALLEY RAFTERS IN THE POWER PLANT AND LAUNDRY BUILDING ARE 1 7/8"X9" MEMBERS. RIDGE BOARDS ARE TYPICALLY 1 3/4"X11 1/4". THE ROOF AT THE NORTH END OF THE BUNKER IS CONSTRUCTED WITH 2-1/8" X 4" MEMBERS ABUTTED VERTICALLY TO CREATE A SOLID SURFACE.

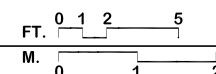
CURRENTLY THE BUILDING IS SHOWING THE EFFECTS OF DEFERRED MAINTENANCE, MOST NOTABLY IN THE ROOF. THERE IS SEVERE ROT IN THE VALLEYS, PARTICULARLY ON THE EAST SIDE, CAUSING MAJOR SAGS IN THE ROOF LINE.

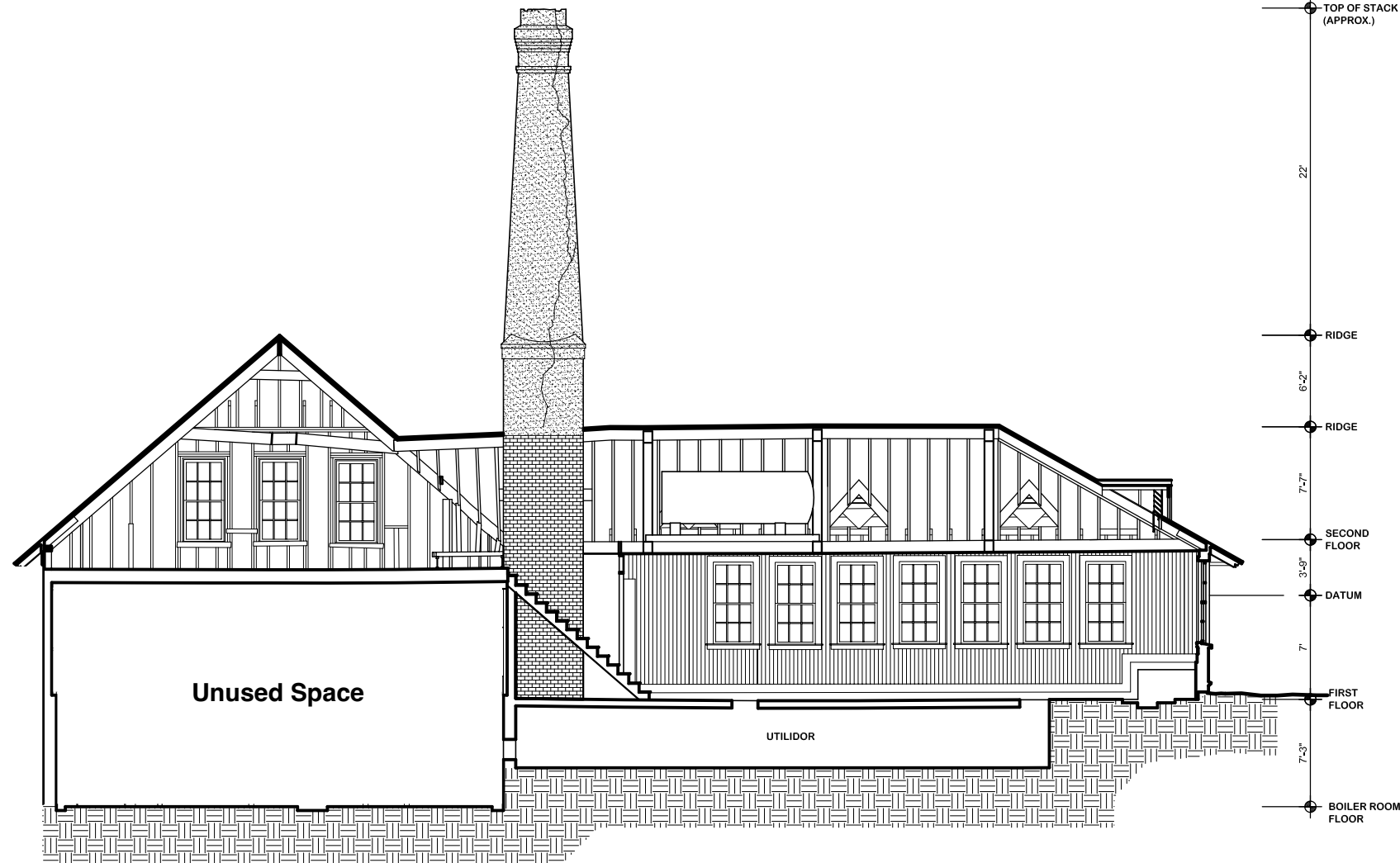


ROOF FRAMING PLAN
SCALE: 1/16" = 1'-0"

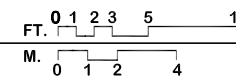


TYPICAL HOWE TRUSS
SCALE: 1/8" = 1'-0"





SECTION A-A
SCALE: 3/32" = 1'-0"



DESIGNED BY: SUEANN BROWN (2004)

SHELDON JACKSON COLLEGE
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

NAME AND LOCATION OF STRUCTURE: **POWER PLANT & LAUNDRY BUILDING - SHELDON JACKSON SCHOOL**
CITY OF SITKA, ALASKA

SURVEY NO.: **AK-105-E**

HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 10 OF 13 SHEETS

IF REPRODUCED, PLEASE CREDIT THE HISTORIC AMERICAN BUILDINGS SURVEY, NATIONAL PARK SERVICE, NAME OF DELINEATOR, DATE OF DRAWING

MATERIALS LIST

FOUNDATION:

10" POURED CONCRETE FOUNDATION WALLS IN THE BOILER ROOM.
 15" POURED CONCRETE FOUNDATION WALLS IN THE BUNKER.
 THE LAUNDRY ROOM HAS A CONCRETE SLAB ON GRADE.

FIRST FLOOR:

POURED CONCRETE SLAB.

SECOND FLOOR:

DIAGONAL WOOD SUBFLOOR (1"x8" MEMBERS). 1-7/8"x7-1/4" LAP FLOORING, PARTIALLY COVERED WITH 1/4" PLYWOOD.

INTERIOR WALLS:

VERTICAL 3-1/4" T&G WAINSCOT IN LAUNDRY ROOM.
 EXPOSED CONCRETE AND UNFINISHED 4'x8' FIBERBOARD SHEETS IN THE BOILER ROOM AND EXPOSED STUD WALLS ON SECOND LEVEL.

WALL FRAMING:

1-7/8"x 5-3/4" ROUGH SAWN STUDS AT 16" O.C.

EXTERIOR WALLS:

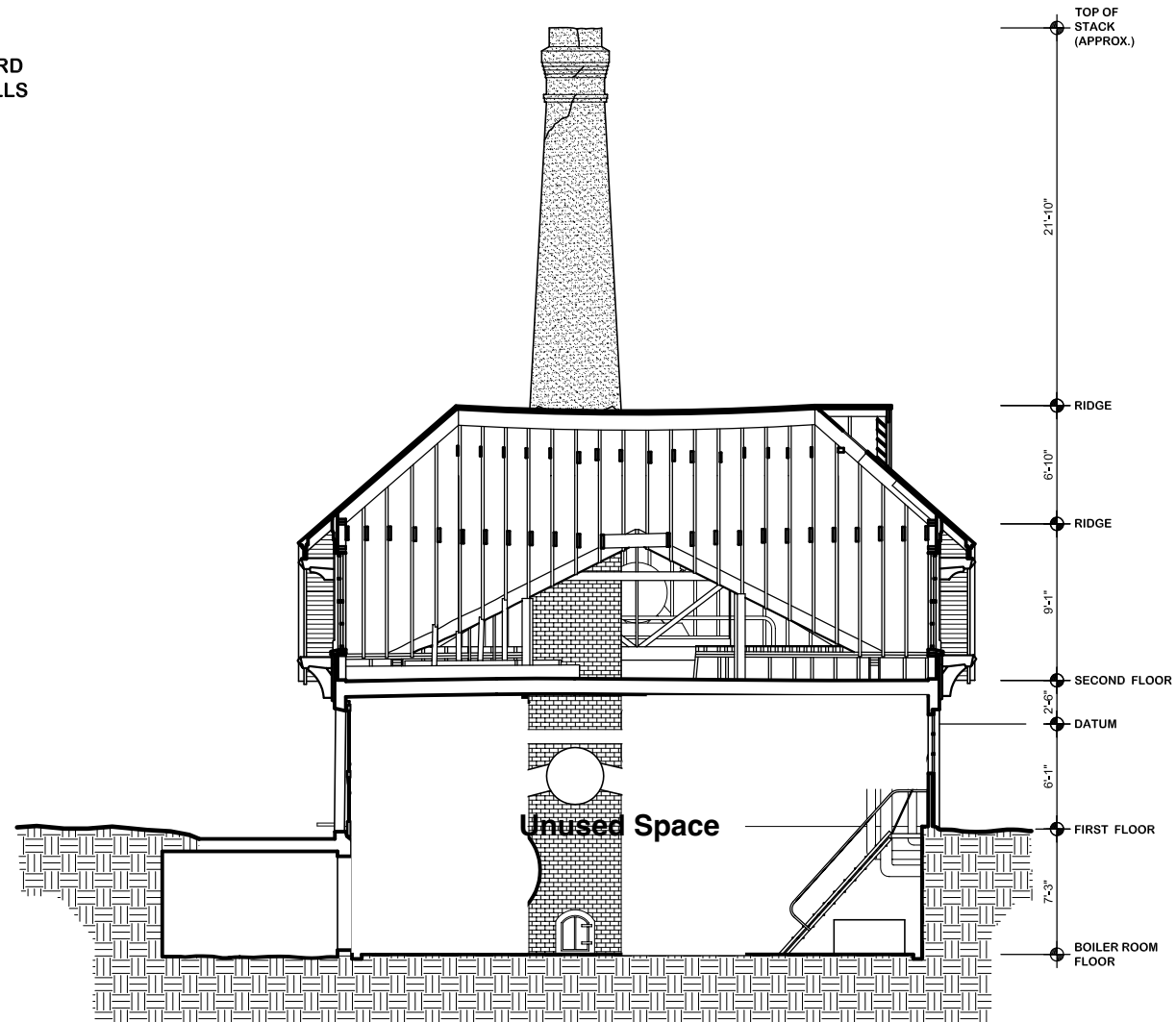
FOUNDATION EXPOSED CONCRETE.
 FIRST LEVEL RANDOM WIDTH BROWN PAINTED WOOD SHINGLE SIDING - 6" EXPOSURE.
 SECOND LEVEL WHITE PAINTED BOARD AND BATTEN SIDING WITH 1-1/2" BATTENS, APPROXIMATELY 7" O.C.

WINDOWS:

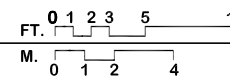
6/6 DOUBLE-HUNG WOOD WINDOWS. 6 LIGHT SINGLE SASH HORIZONTAL CENTER PIVOT WINDOWS ON EAST ELEVATION. 9 LIGHT HORIZONTAL CENTER PIVOT WINDOW ON WEST ELEVATION. 6 LIGHT FIXED WINDOWS ON WEST ELEVATION.

ROOF:

CEILING JOISTS IN LAUNDRY ROOM ARE 1-7/8" X 9-1/4" ROUGH SAWN MEMBERS AT 16" O.C. CEILING JOISTS HANG FROM THREE HEAVY TIMBER FRAME TRUSSES (9-1/4"x7-3/4" MEMBERS) WITH STEEL FASTENERS AND TIE RODS.
 1-3/4"x5-5/8" SAWN RAFTER TAILS EXTEND 29" INSIDE BUILDING ENVELOPE.
 VARYING SIZE ROOF RAFTERS, 1-7/8"x 9-1/4" AND 1-7/8"x7-1/2" ROUGH SAWN MEMBERS, AT 16" O.C.
 VARYING SIZE TIE BEAMS, 1"x6-1/2" AND 1-3/4"x 7-1/2" ROUGH SAWN MEMBERS, AT EACH RAFTER IN TWO-STORY PORTION, NONE IN SINGLE-STORY PORTION.
 VARYING SIZE RIDGE BEAMS, 1-3/4"x11-1/4" AND 1-7/8"x9-1/4" ROUGH SAWN.
 1"x4" SKIP SHEATHING.
 CEDAR SHINGLE ROOF (HISTORIC).
 COMPOSITE SHINGLE ROOF (CONTEMPORARY).



SECTION B-B
 SCALE: 3/32" = 1'-0"



DESIGNED BY: SUEANN BROWN (2004)

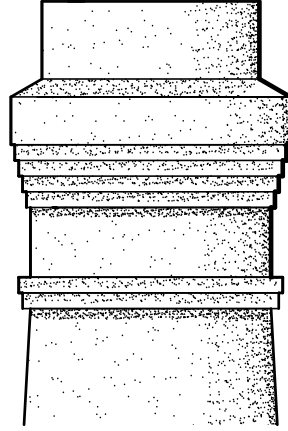
SHELDON JACKSON COLLEGE
 NATIONAL PARK SERVICE
 UNITED STATES DEPARTMENT OF THE INTERIOR

NAME AND LOCATION OF STRUCTURE: POWER PLANT & LAUNDRY BUILDING - SHELDON JACKSON SCHOOL
 CITY OF SITKA, BARANOF ISLAND, ALASKA

HISTORIC AMERICAN BUILDINGS SURVEY
 SHEET 11 OF 13 SHEETS

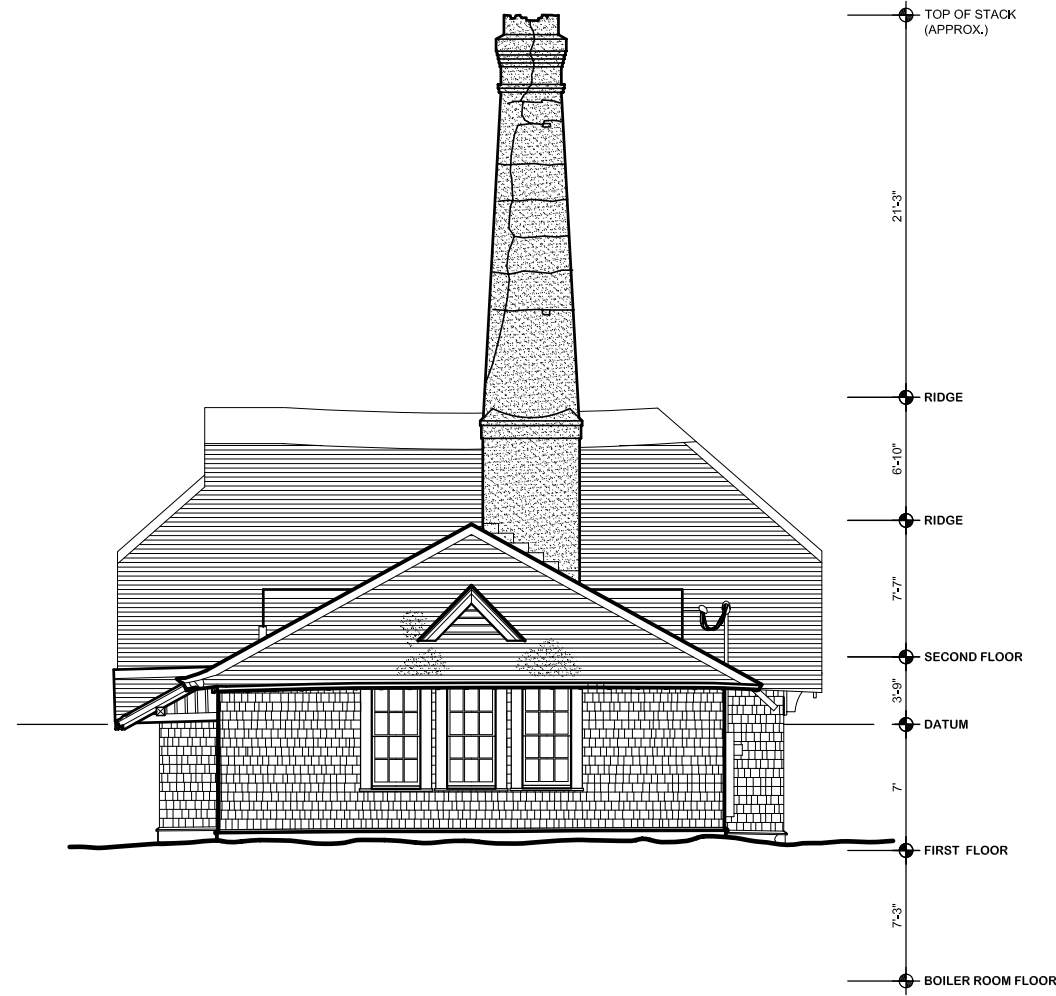
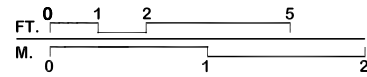
SURVEY NO. AK-105-E

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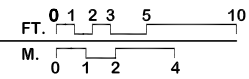
STACK CORBELL DETAIL

SCALE: 1/4" = 1'-0"



SOUTH ELEVATION

SCALE: 3/32" = 1'-0"



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SHELDON JACKSON COLLEGE
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

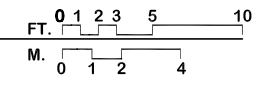
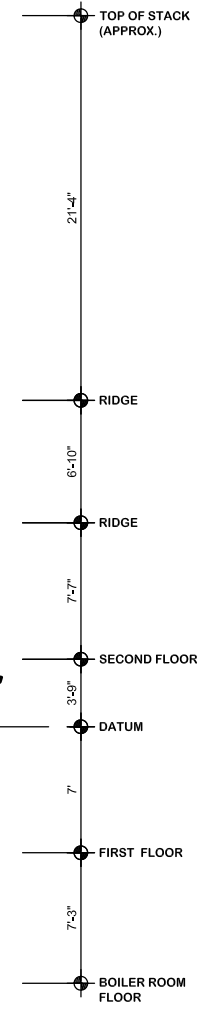
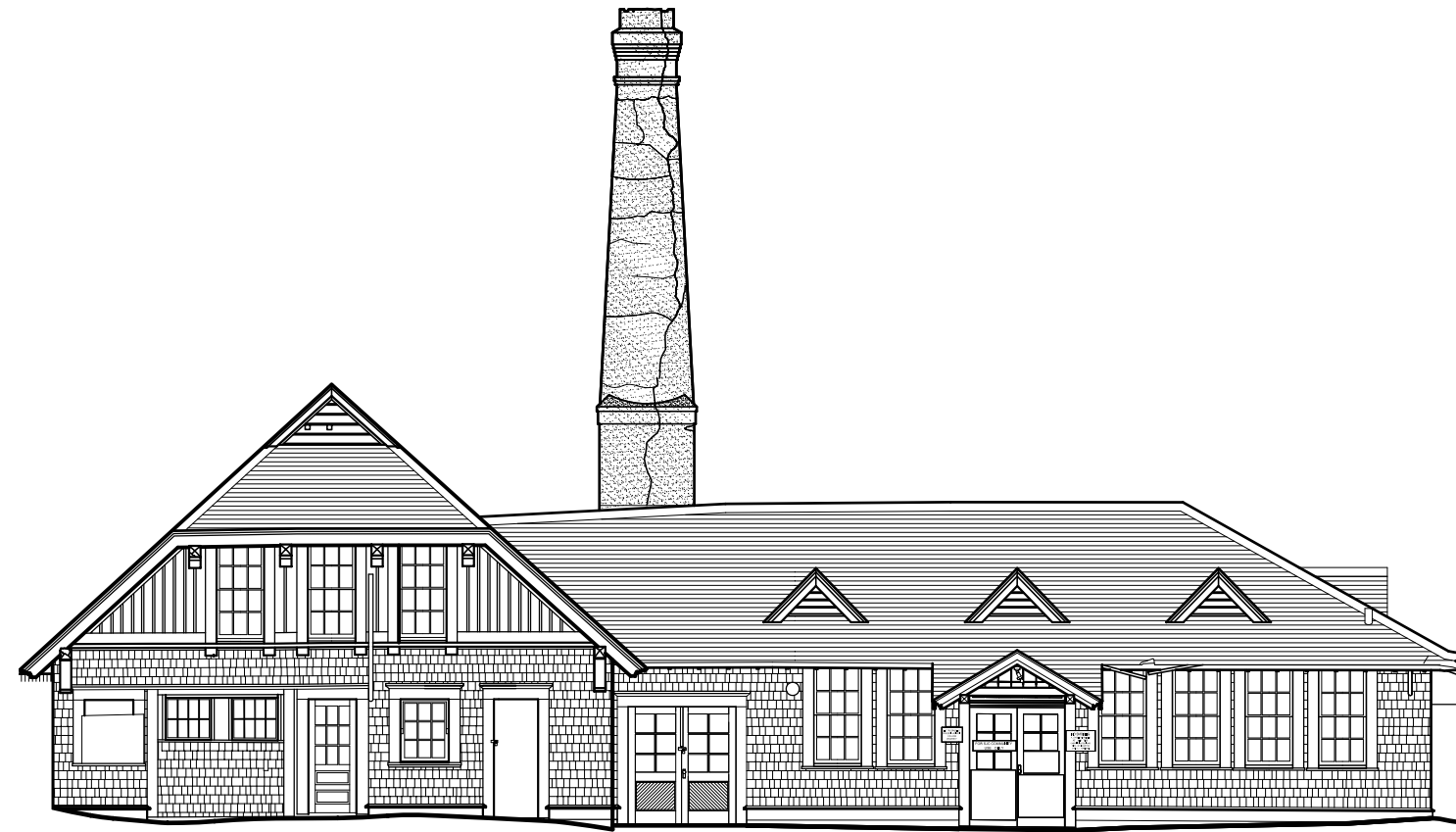
NAME AND LOCATION OF STRUCTURE
POWER PLANT & LAUNDRY BUILDING - SHELDON JACKSON SCHOOL
BARANOF ISLAND
ALASKA

SURVEY NO.
AK-105-E

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 9 OF 13 SHEETS

IF REPRODUCED, PLEASE CREDIT THE HISTORIC AMERICAN BUILDINGS SURVEY, NATIONAL PARK SERVICE, NAME OF DELINEATOR, DATE OF DRAWING

WEST ELEVATION
SCALE: 3/32" = 1'-0"



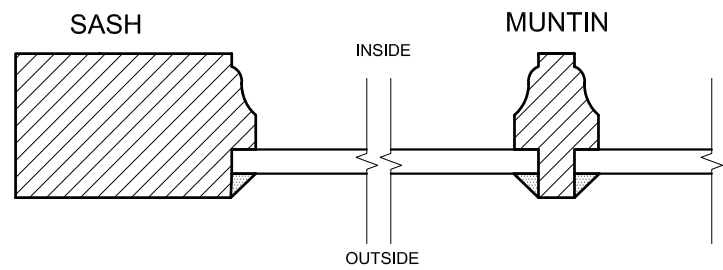
DRAWN BY: SUJEANN BROWN (2004)
SHELDON JACKSON COLLEGE
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

NAME AND LOCATION OF STRUCTURE
POWER PLANT & LAUNDRY BUILDING - SHELDON JACKSON SCHOOL
BARANOF ISLAND
ALASKA

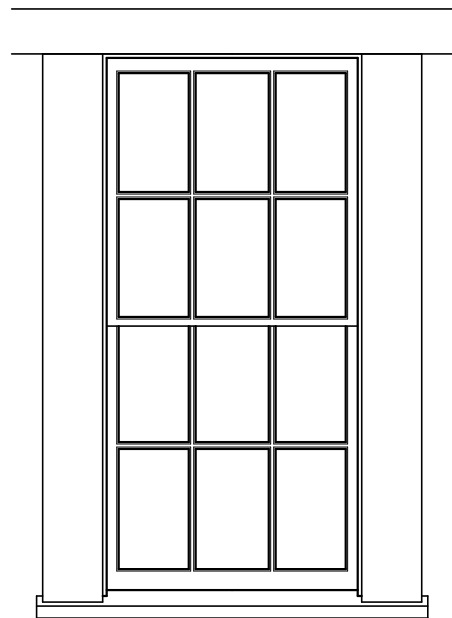
SURVEY NO.
AK-105-E

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 6 OF 13 SHEETS

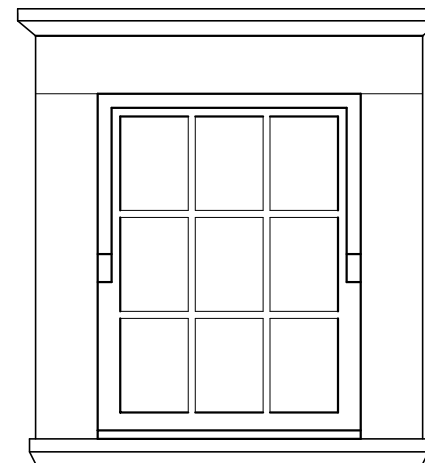
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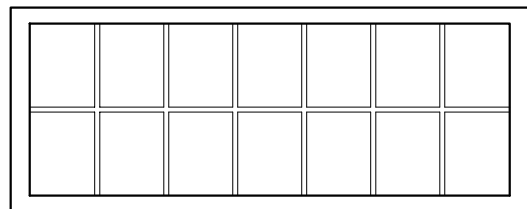
DOUBLE-HUNG SASH DETAIL
NO SCALE



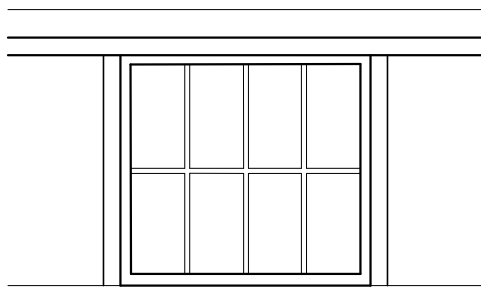
6/6 DOUBLE-HUNG WINDOW FT. 0 1 2
SCALE: 1" = 1'-0" M. 0 .25 .5 .75



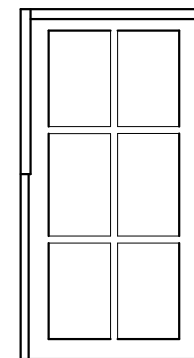
9 LIGHT PIVOTING WINDOW FT. 0 1 2
SCALE: 1" = 1'-0" M. 0 .25 .5 .75



14 LIGHT TRANSOM WINDOW FT. 0 1 2
SCALE: 1" = 1'-0" M. 0 .25 .5 .75



8 LIGHT FIXED SASH WINDOW FT. 0 1 2
SCALE: 1" = 1'-0" M. 0 .25 .5 .75



6 LIGHT PIVOTING WINDOW FT. 0 1 2
SCALE: 1" = 1'-0" M. 0 .25 .5 .75