

28

50

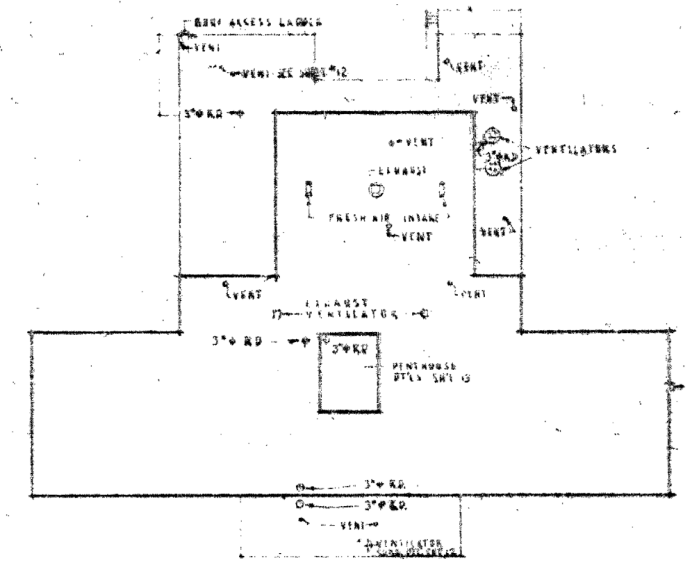
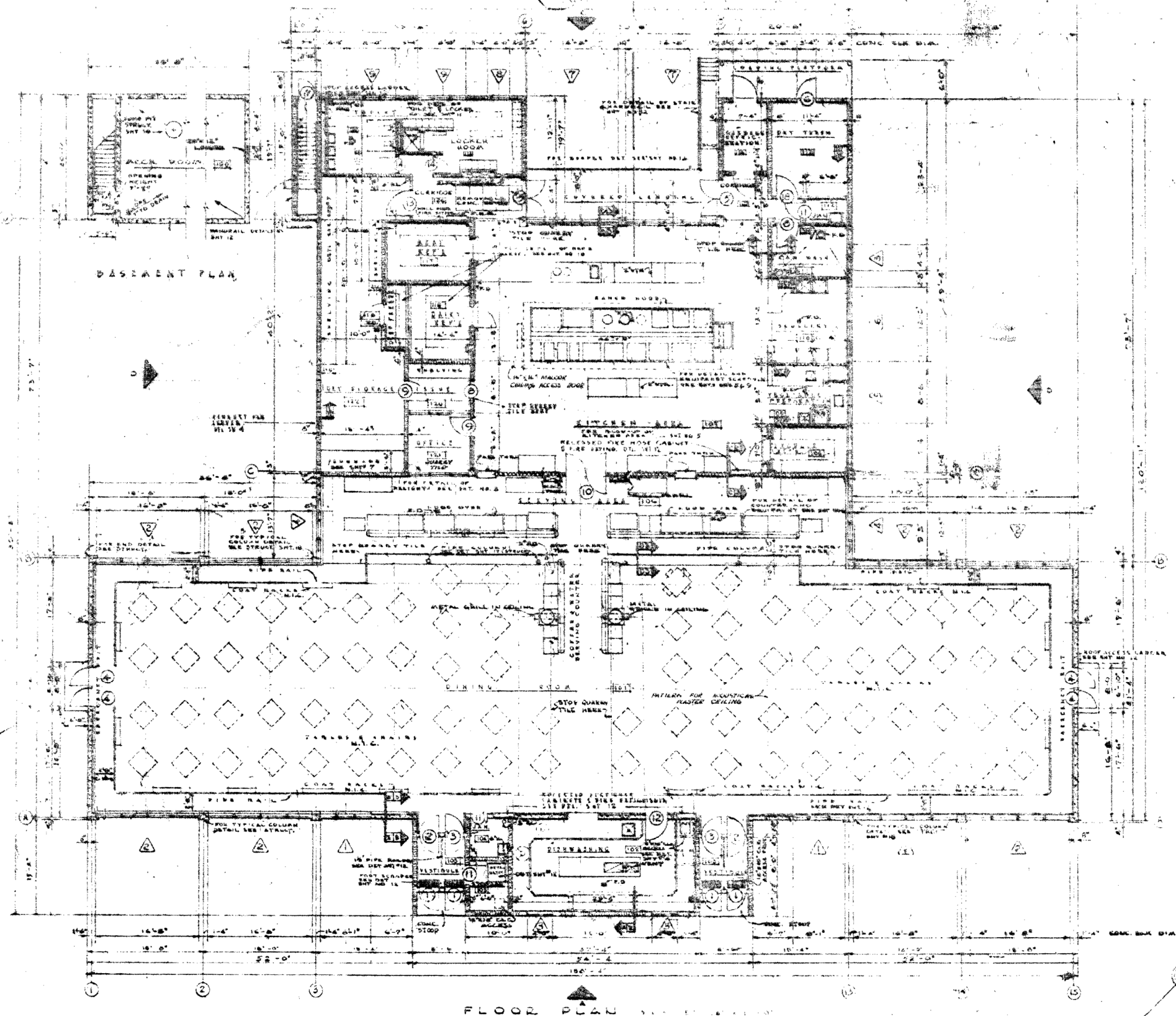


Exhibit drawing

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

| FINISH SCHEDULE |                  |       |          |      |         |      |      |         |  |
|-----------------|------------------|-------|----------|------|---------|------|------|---------|--|
| NO.             | ROOM DESIGNATION | FLOOR | WAINSCOT | WALL | CEILING | BASE | TRIM | REMARKS |  |
| 101             | Mechanical Room  | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 102             | Dining Room      | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 103             | Kitchen          | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 104             | Storage          | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 105             | Restroom         | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 106             | Bar              | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 107             | Office           | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 108             | Corridor         | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 109             | Staircase        | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 110             | Entrance         | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 111             | Exit             | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 112             | Roof             | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 113             | Basement         | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 114             | Attic            | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 115             | Garage           | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 116             | Driveway         | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 117             | Yard             | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 118             | Pool             | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 119             | Spa              | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 120             | Clubhouse        | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 121             | Gymnasium        | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 122             | Ballroom         | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 123             | Reception Hall   | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 124             | Lobby            | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |
| 125             | Waiting Room     | 1st   | 1000     | 1000 | 1000    | 1000 | 1000 |         |  |

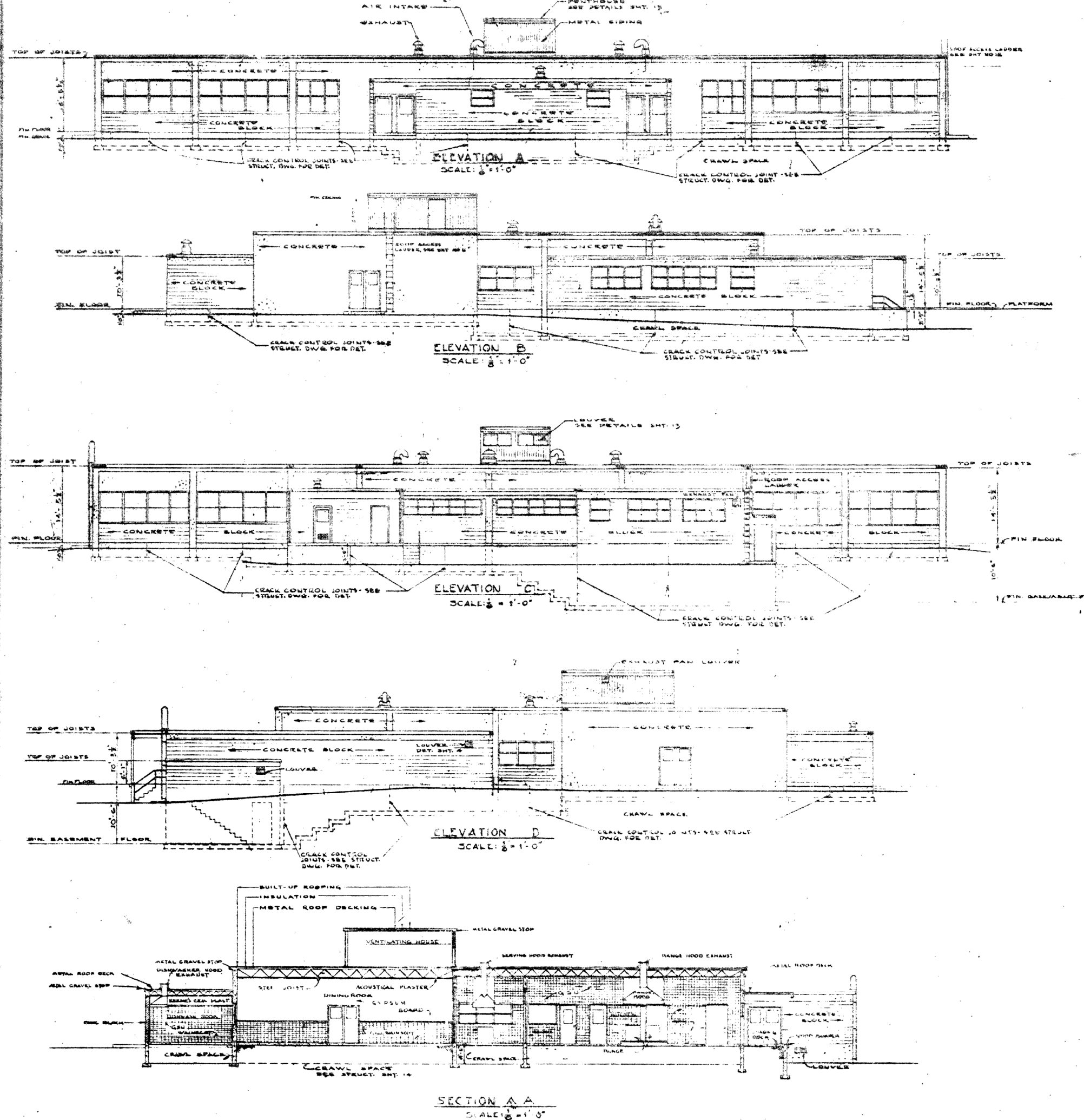
| LEGEND |                |    |              |    |                |    |                    |    |                       |
|--------|----------------|----|--------------|----|----------------|----|--------------------|----|-----------------------|
| 1      | SECTION LETTER | 2  | SHEET NUMBER | 3  | DETAIL LETTER  | 4  | DETAIL NUMBER      | 5  | DOOR TYPE (SEE SH. 1) |
| 6      | WINDOW TYPE    | 7  | ROOF NUMBER  | 8  | ROOF ELEVATION | 9  | ROOF NO. ELEVATION | 10 | CONCRETE              |
| 11     | CONCRETE       | 12 | CONCRETE     | 13 | CONCRETE       | 14 | CONCRETE           | 15 | CONCRETE              |
| 16     | CONCRETE       | 17 | CONCRETE     | 18 | CONCRETE       | 19 | CONCRETE           | 20 | CONCRETE              |
| 21     | CONCRETE       | 22 | CONCRETE     | 23 | CONCRETE       | 24 | CONCRETE           | 25 | CONCRETE              |
| 26     | CONCRETE       | 27 | CONCRETE     | 28 | CONCRETE       | 29 | CONCRETE           | 30 | CONCRETE              |
| 31     | CONCRETE       | 32 | CONCRETE     | 33 | CONCRETE       | 34 | CONCRETE           | 35 | CONCRETE              |
| 36     | CONCRETE       | 37 | CONCRETE     | 38 | CONCRETE       | 39 | CONCRETE           | 40 | CONCRETE              |
| 41     | CONCRETE       | 42 | CONCRETE     | 43 | CONCRETE       | 44 | CONCRETE           | 45 | CONCRETE              |
| 46     | CONCRETE       | 47 | CONCRETE     | 48 | CONCRETE       | 49 | CONCRETE           | 50 | CONCRETE              |

|                       |              |         |                        |
|-----------------------|--------------|---------|------------------------|
| DESIGNED BY           | JOHN JOHNSON | COMPANY | DEPARTMENT OF THE ARMY |
| DRAWN BY              | JOHN JOHNSON | COMPANY | DEPARTMENT OF THE ARMY |
| CHECKED BY            | JOHN JOHNSON | COMPANY | DEPARTMENT OF THE ARMY |
| APPROVED BY           | JOHN JOHNSON | COMPANY | DEPARTMENT OF THE ARMY |
| ELMENDORF AFB, ALASKA |              |         |                        |
| A.M. DINING HALL      |              |         |                        |
| ARCHITECTURAL         |              |         |                        |
| FLOOR PLAN            |              |         |                        |

FILE No. 8-5-28



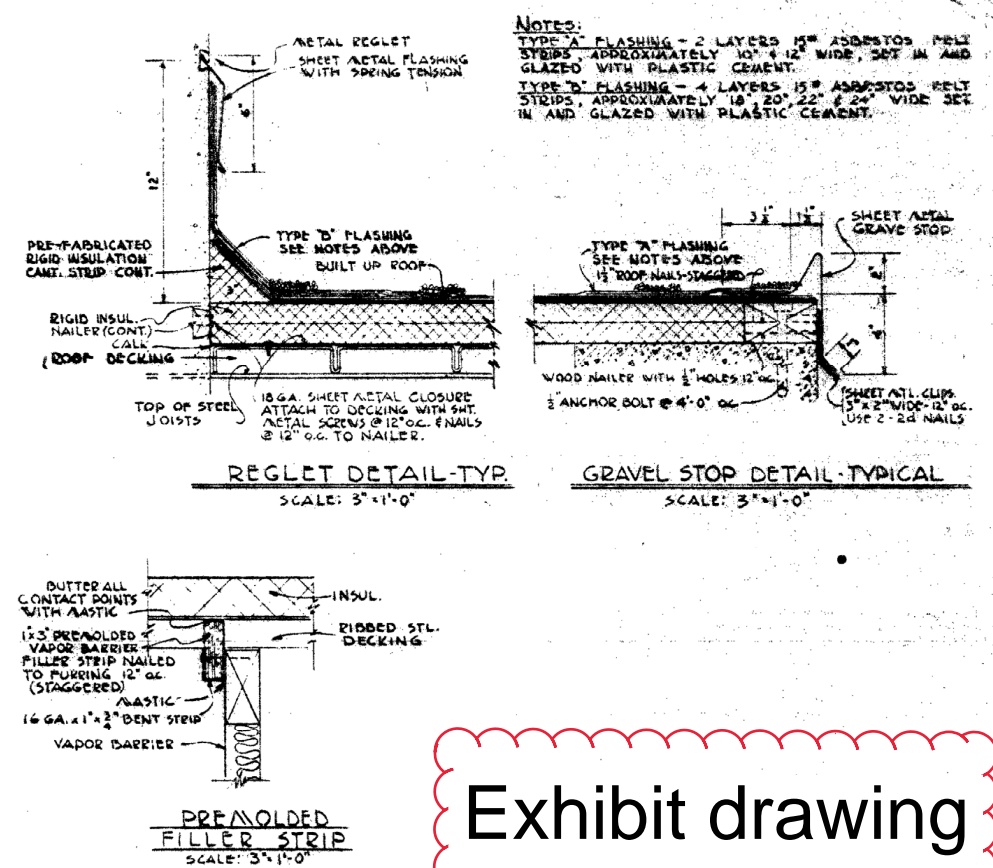
## Exhibit drawing



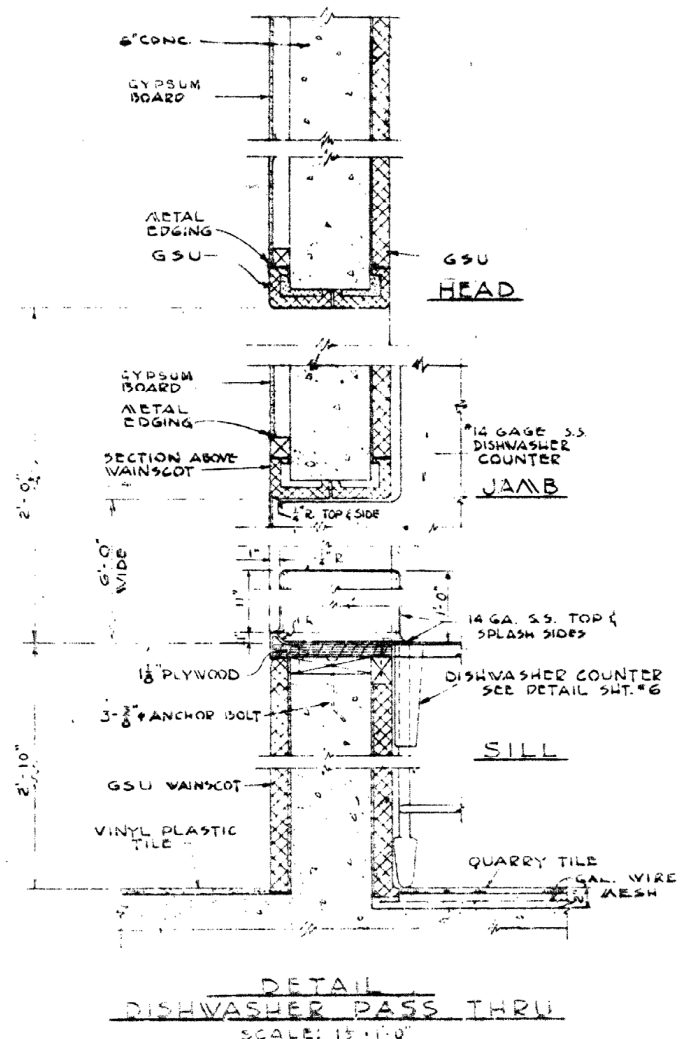
THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

[illegible]





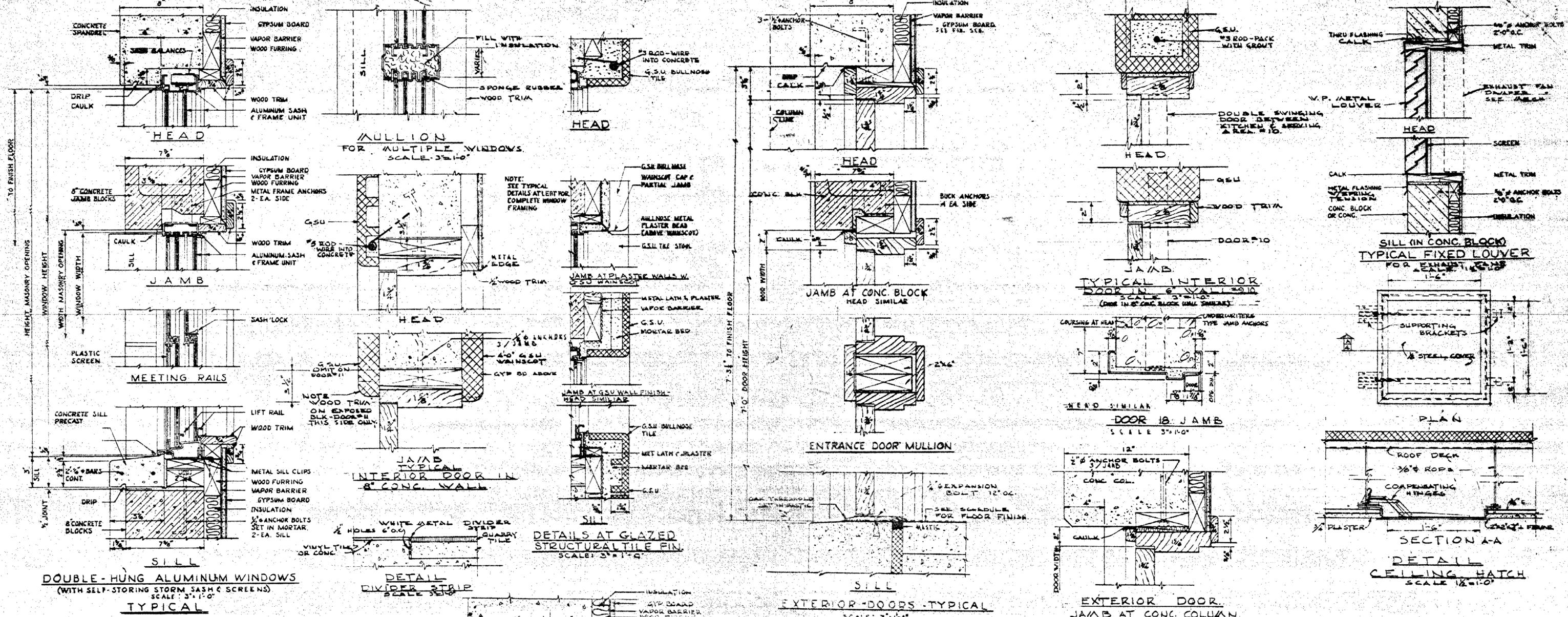
## Exhibit drawing



THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

[illegible]





**WINDOW SCHEDULE**

NO SCALE

| NO. | TYPE | SIZE      | FINISH | REMARKS                     |
|-----|------|-----------|--------|-----------------------------|
| 1   | A    | 30" x 70" | WOOD   | EXTERIOR - 1 LITE           |
| 2   | A    | 30" x 60" | WOOD   | INTERIOR - 1 LITE           |
| 3   | A    | 30" x 60" | WOOD   | INTERIOR - 1 LITE           |
| 4   | A    | 30" x 70" | WOOD   | EXTERIOR - 1 LITE           |
| 5   | D    | 60" x 70" | WOOD   | EXTERIOR - PAIR - 2 LITES   |
| 6   | C    | 30" x 70" | WOOD   | EXTERIOR - 1 LITE - LOUVERS |
| 7   | E    | 30" x 70" | WOOD   | INTERIOR - 1 LITE           |
| 8   | D    | 30" x 60" | WOOD   | INTERIOR - 1 LITE           |
| 9   | A    | 30" x 60" | WOOD   | INTERIOR - 1 LITE           |
| 10  | F    | 60" x 60" | WOOD   | INTERIOR - PAIR - 2 LITES   |
| 11  | E    | 30" x 60" | WOOD   | INTERIOR - LOUVERS          |
| 12  | E    | 30" x 60" | WOOD   | INTERIOR - LOUVERS          |
| 13  | D    | 30" x 60" | WOOD   | INTERIOR - LOUVERS          |
| 14  | D    | 30" x 60" | WOOD   | EXTERIOR - PAIR - 2 LITES   |
| 15  | A    | 30" x 60" | WOOD   | INTERIOR - PAIR - 2 LITES   |
| 16  | A    | 30" x 60" | WOOD   | INTERIOR - PAIR - 2 LITES   |
| 17  | A    | 30" x 60" | WOOD   | INTERIOR - PAIR - 2 LITES   |
| 18  | A    | 30" x 60" | WOOD   | INTERIOR - PAIR - 2 LITES   |

**DOOR TYPES**

NO SCALE

| NO. | TYPE | SIZE      | FINISH | REMARKS                     |
|-----|------|-----------|--------|-----------------------------|
| 1   | A    | 30" x 70" | WOOD   | EXTERIOR - 1 LITE           |
| 2   | A    | 30" x 60" | WOOD   | INTERIOR - 1 LITE           |
| 3   | A    | 30" x 60" | WOOD   | INTERIOR - 1 LITE           |
| 4   | A    | 30" x 70" | WOOD   | EXTERIOR - 1 LITE           |
| 5   | D    | 60" x 70" | WOOD   | EXTERIOR - PAIR - 2 LITES   |
| 6   | C    | 30" x 70" | WOOD   | EXTERIOR - 1 LITE - LOUVERS |
| 7   | E    | 30" x 70" | WOOD   | INTERIOR - 1 LITE           |
| 8   | D    | 30" x 60" | WOOD   | INTERIOR - 1 LITE           |
| 9   | A    | 30" x 60" | WOOD   | INTERIOR - 1 LITE           |
| 10  | F    | 60" x 60" | WOOD   | INTERIOR - PAIR - 2 LITES   |
| 11  | E    | 30" x 60" | WOOD   | INTERIOR - LOUVERS          |
| 12  | E    | 30" x 60" | WOOD   | INTERIOR - LOUVERS          |
| 13  | D    | 30" x 60" | WOOD   | INTERIOR - LOUVERS          |
| 14  | D    | 30" x 60" | WOOD   | EXTERIOR - PAIR - 2 LITES   |
| 15  | A    | 30" x 60" | WOOD   | INTERIOR - PAIR - 2 LITES   |
| 16  | A    | 30" x 60" | WOOD   | INTERIOR - PAIR - 2 LITES   |
| 17  | A    | 30" x 60" | WOOD   | INTERIOR - PAIR - 2 LITES   |
| 18  | A    | 30" x 60" | WOOD   | INTERIOR - PAIR - 2 LITES   |

**DOOR SCHEDULE**

| NO. | TYPE | SIZE      | FINISH | REMARKS                     |
|-----|------|-----------|--------|-----------------------------|
| 1   | A    | 30" x 70" | WOOD   | EXTERIOR - 1 LITE           |
| 2   | A    | 30" x 60" | WOOD   | INTERIOR - 1 LITE           |
| 3   | A    | 30" x 60" | WOOD   | INTERIOR - 1 LITE           |
| 4   | A    | 30" x 70" | WOOD   | EXTERIOR - 1 LITE           |
| 5   | D    | 60" x 70" | WOOD   | EXTERIOR - PAIR - 2 LITES   |
| 6   | C    | 30" x 70" | WOOD   | EXTERIOR - 1 LITE - LOUVERS |
| 7   | E    | 30" x 70" | WOOD   | INTERIOR - 1 LITE           |
| 8   | D    | 30" x 60" | WOOD   | INTERIOR - 1 LITE           |
| 9   | A    | 30" x 60" | WOOD   | INTERIOR - 1 LITE           |
| 10  | F    | 60" x 60" | WOOD   | INTERIOR - PAIR - 2 LITES   |
| 11  | E    | 30" x 60" | WOOD   | INTERIOR - LOUVERS          |
| 12  | E    | 30" x 60" | WOOD   | INTERIOR - LOUVERS          |
| 13  | D    | 30" x 60" | WOOD   | INTERIOR - LOUVERS          |
| 14  | D    | 30" x 60" | WOOD   | EXTERIOR - PAIR - 2 LITES   |
| 15  | A    | 30" x 60" | WOOD   | INTERIOR - PAIR - 2 LITES   |
| 16  | A    | 30" x 60" | WOOD   | INTERIOR - PAIR - 2 LITES   |
| 17  | A    | 30" x 60" | WOOD   | INTERIOR - PAIR - 2 LITES   |
| 18  | A    | 30" x 60" | WOOD   | INTERIOR - PAIR - 2 LITES   |

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

**Exhibit drawing**

DESIGNED: KUNNEY JOHNSON COMPANY  
CONSTRUCTION CONTRACTORS  
SEATTLE

DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS  
OFFICE OF THE RESIDENT ENGINEER  
ALASKA DISTRICT  
WASHTON

ELMENDORF A.F.B., ALASKA  
A.M. DINING HALL  
ARCHITECTURAL  
DOOR & WINDOW DETAILS

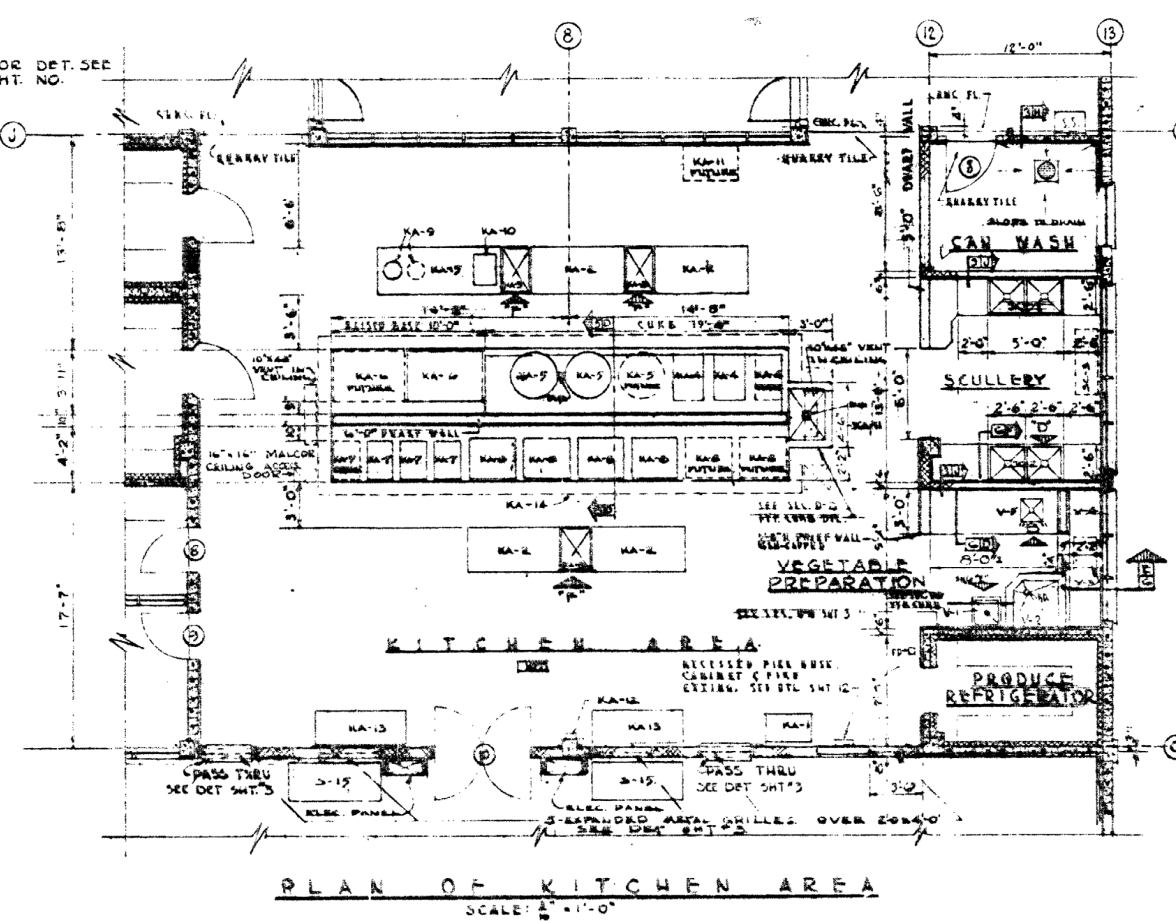
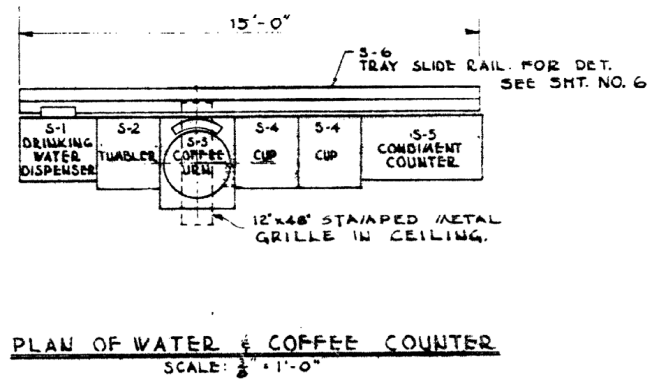
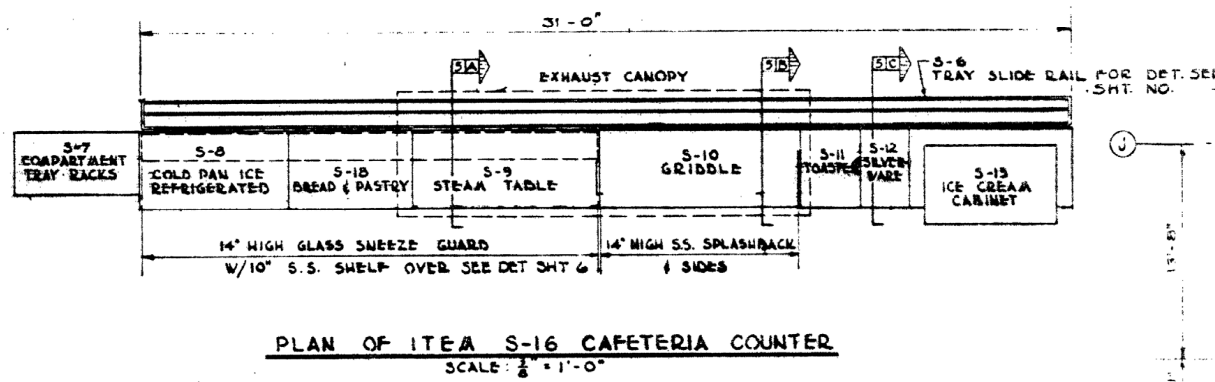
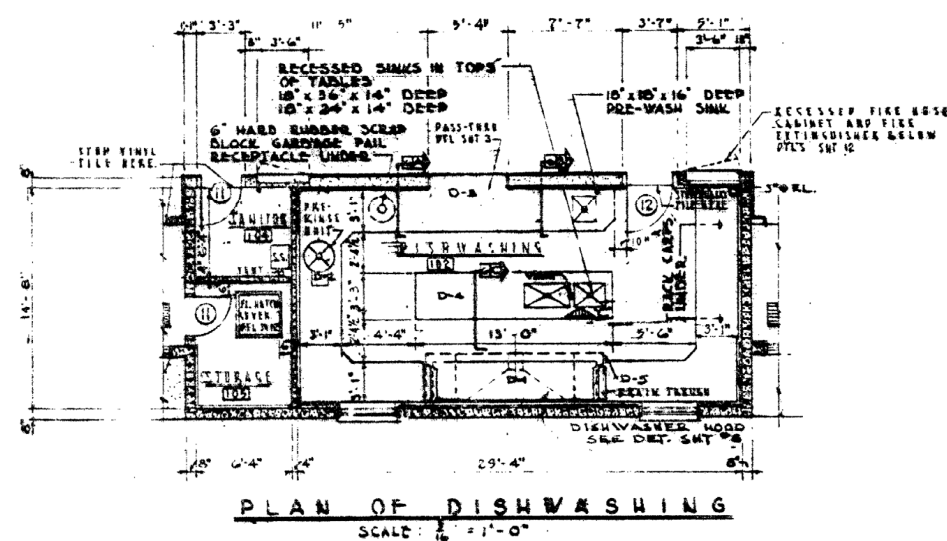
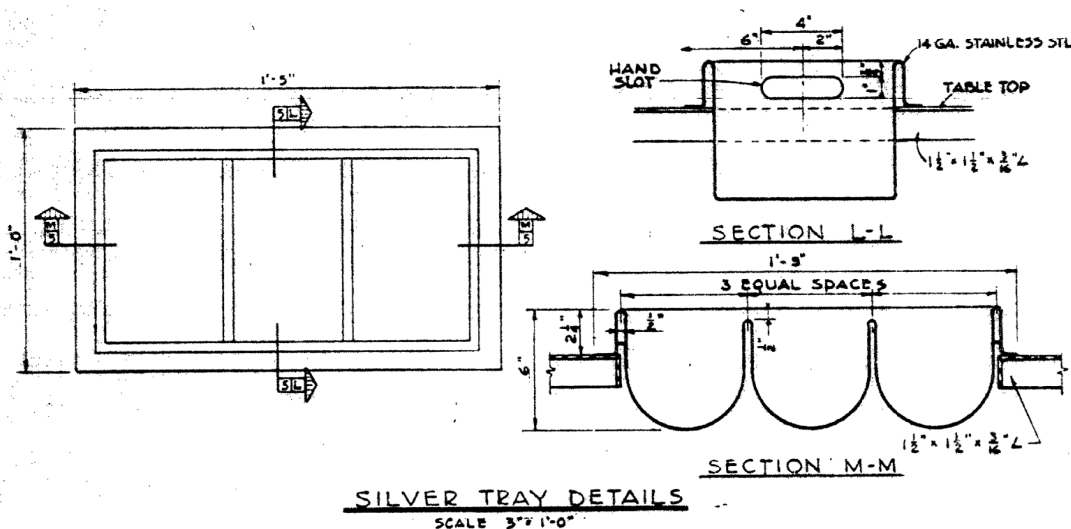
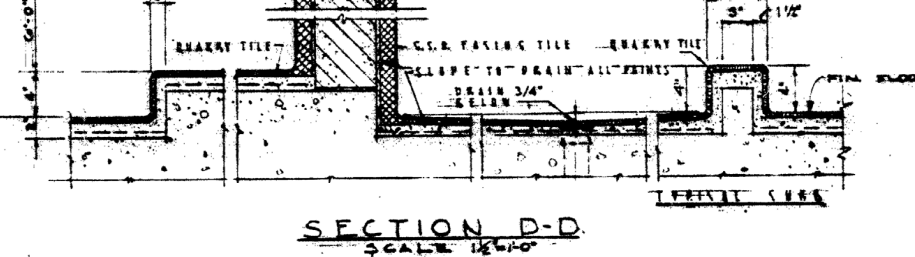
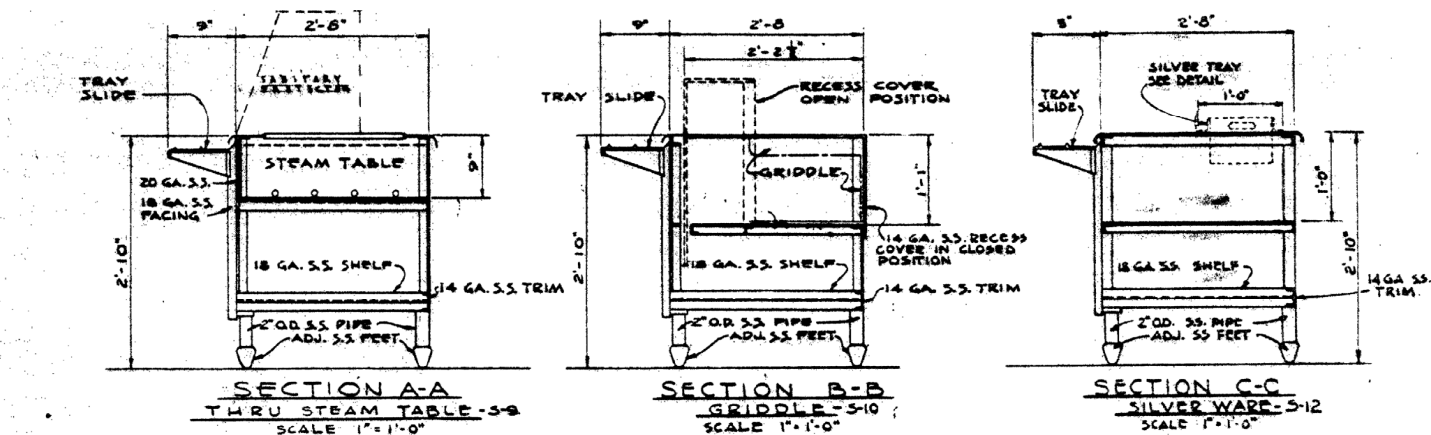
APPROVED: [Signature]  
DATE: 1-23-66

SCALE: 3/4"=1'-0"

FILE NO. 8-3-25



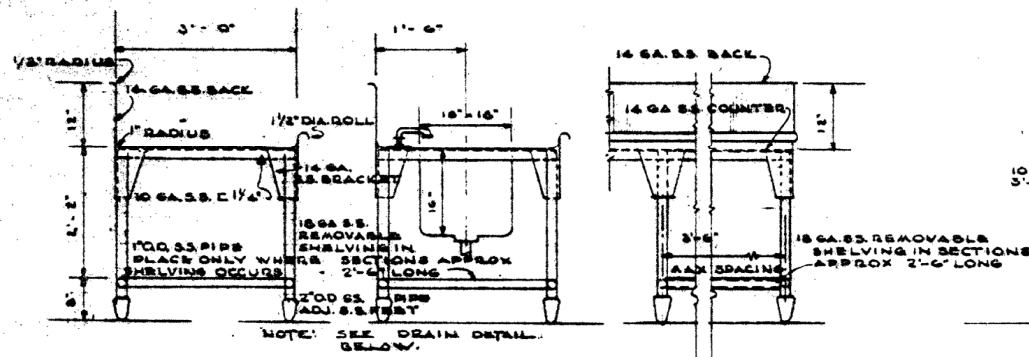
# Exhibit drawing



THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

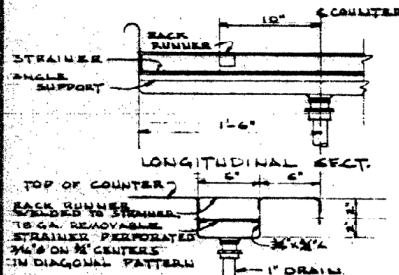
|            |  |                          |  |                             |  |
|------------|--|--------------------------|--|-----------------------------|--|
| DESIGNED:  |  | KUNY JOHNSON COMPANY     |  | DEPARTMENT OF THE ARMY      |  |
| DRAWN:     |  | CONSTRUCTION CONTRACTORS |  | CORPS OF ENGINEERS          |  |
| CHECKED:   |  | SEATTLE                  |  | OFFICE OF THE RESIDENT      |  |
| SUBMITTED: |  | WASHINGTON               |  | ALASKA                      |  |
| REVISIONS: |  |                          |  | ELMENDORF AFB, ALASKA       |  |
| APPROVED:  |  |                          |  | ARCHITECTURAL               |  |
| SCALE:     |  |                          |  | PLANS-KITCHEN & DISHWASHING |  |
| DATE:      |  | 1-8-36                   |  | FILE NO. 8-3-24             |  |



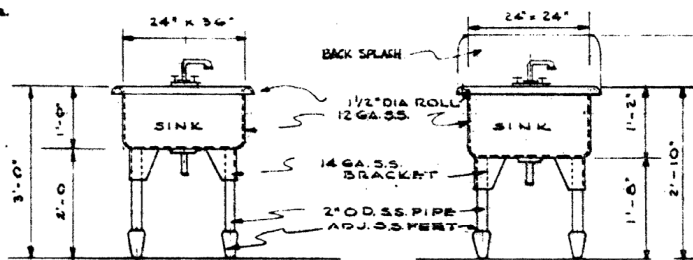


SECTION A-A SECTION B-B PART ELEVATION

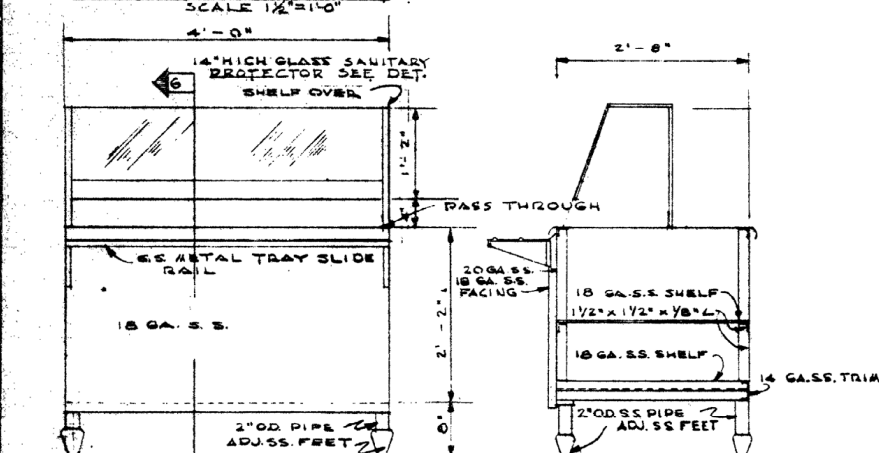
TYPICAL DISHWASHER COUNTER  
SCALE 3/4" = 1'-0" IN DISHWASHING AREA



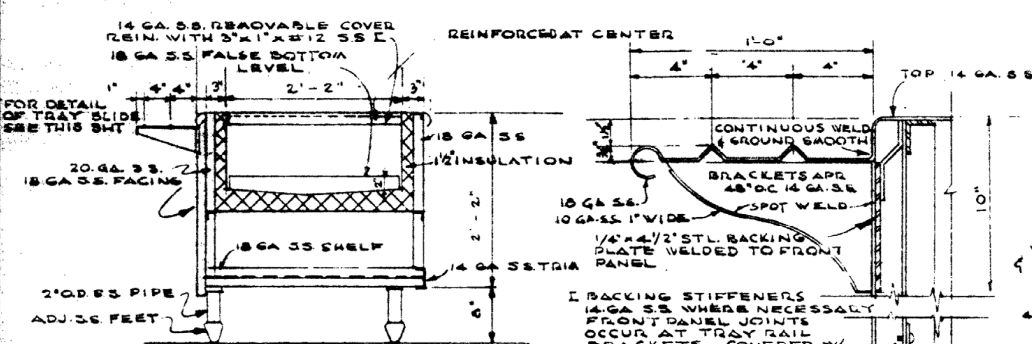
LONGITUDINAL SECT.  
TRANSVERSE SECT. DETAILS  
DRAIN THRU DIV. COUNT  
SCALE 1/2" = 1'-0"



ELEVATION F ELEVATION E  
COOK SINK VEGETABLE SINK  
SCALE 3/4" = 1'-0"

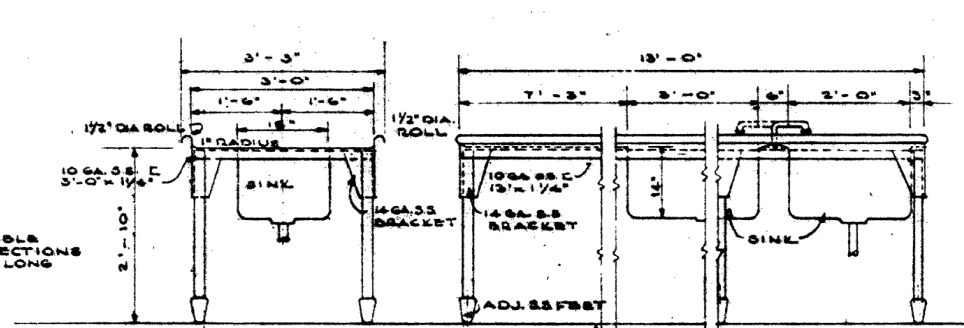


ELEVATION G-G  
BREAD AND PASTRY CABINET  
SCALE 1" = 1'-0"



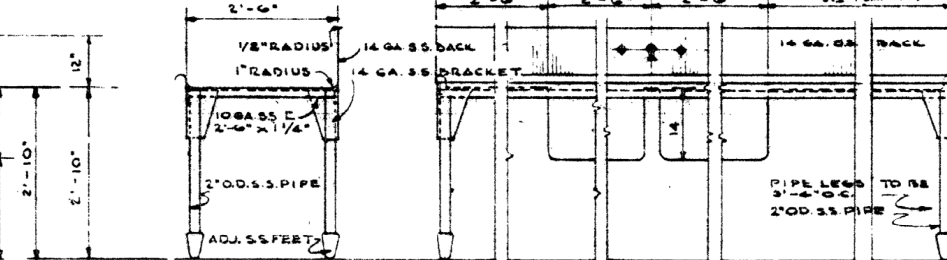
SECTION COLD PAN  
SCALE 1" = 1'-0"

FRONT COUNTER  
DETAIL  
SCALE 3/4" = 1'-0"

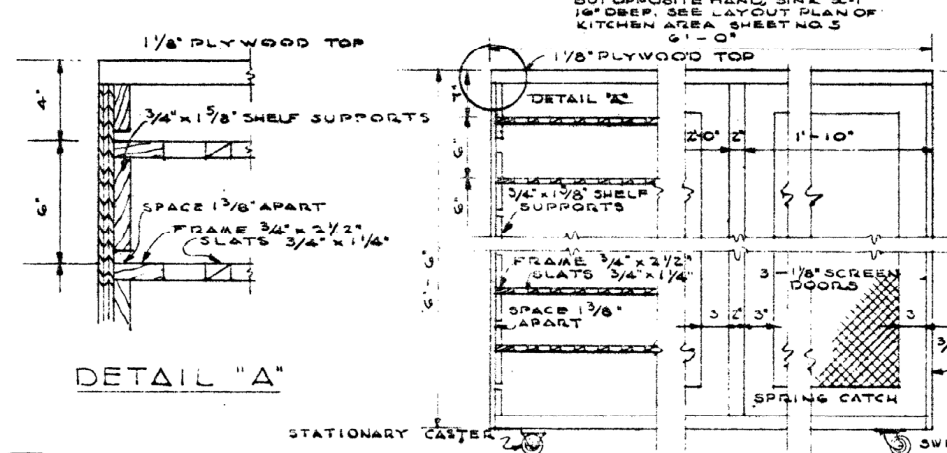


SECTION C-C ELEVATION C

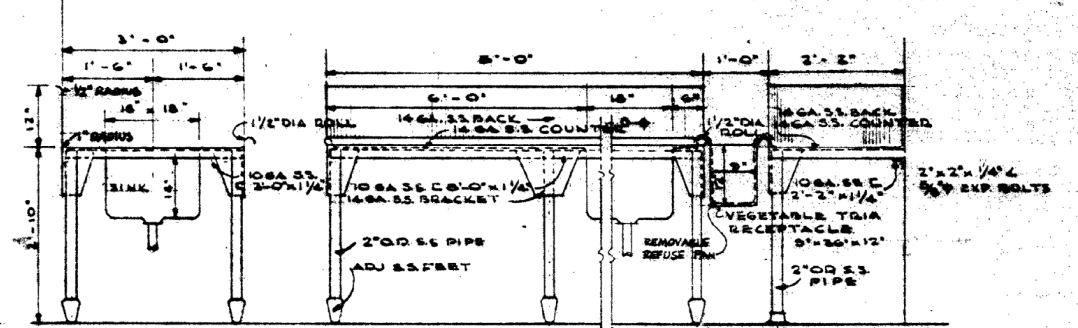
WORK TABLE WITH SINKS-D-4  
SCALE 3/4" = 1'-0" IN DISHWASHING AREA



SECTION F-F ELEVATION D  
SCULLERY TABLE WITH SINKS-SC-2  
SCALE 3/4" = 1'-0"

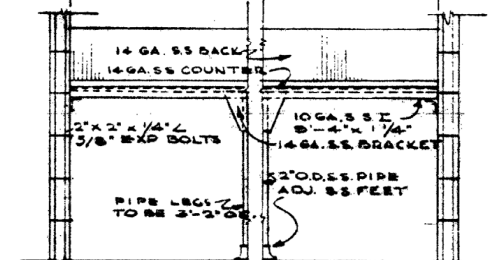


DETAIL "A"



SECTION D-D ELEVATION B

VEGETABLE PREPARATION TABLE V/SINK-V-5  
SCALE 3/4" = 1'-0" IN VEGETABLE PREP AREA

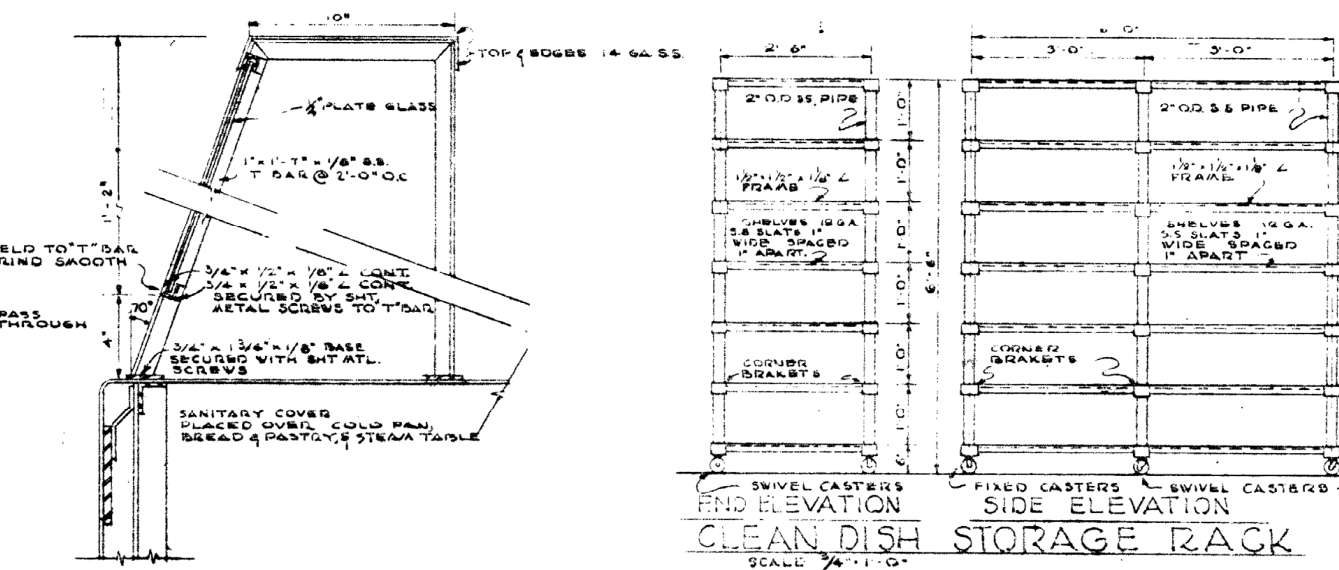


ELEVATION A  
PREPARATION COUNTER  
SCALE 3/4" = 1'-0" IN VEGETABLE PREP AREA

Exhibit drawing

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

BREAD CABINET WITH CASTERS  
SCALE 1" = 1'-0"



SANITARY PROTECTOR  
SCALE 3/4" = 1'-0"

CLEAN DISH STORAGE RACK  
SCALE 3/4" = 1'-0"

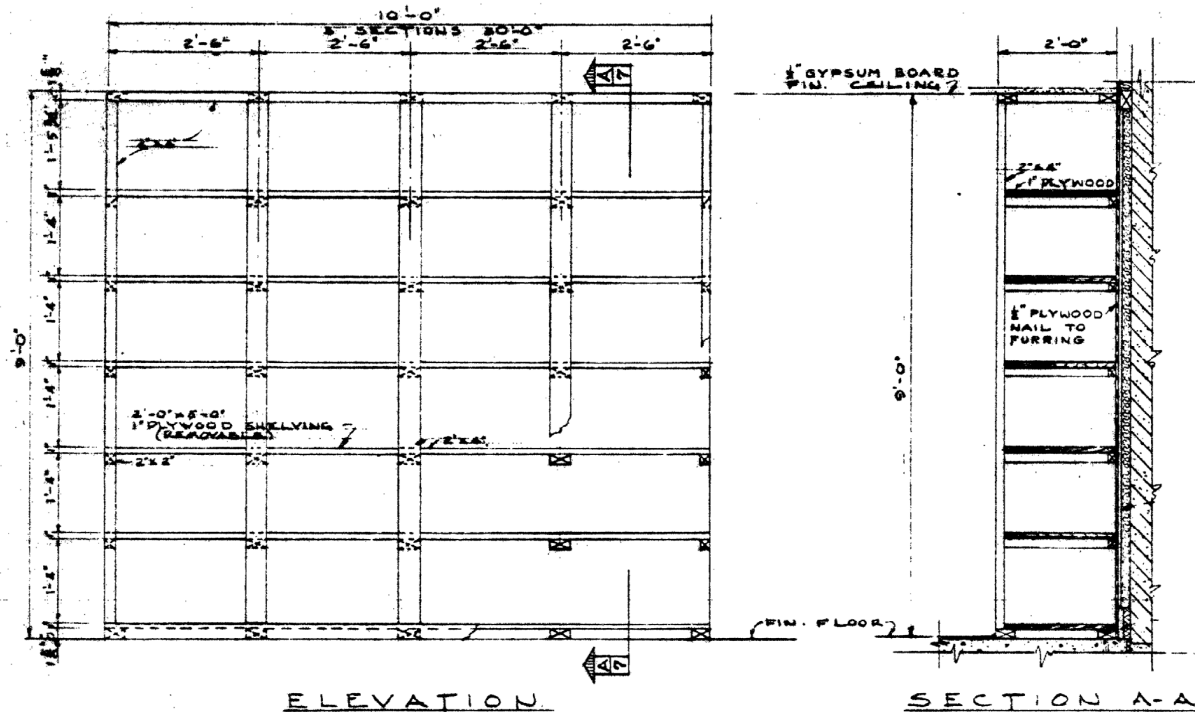
| REV. | DATE | BY | CHKD. | ACTION | DESCRIPTION |
|------|------|----|-------|--------|-------------|
| 1    |      |    |       |        |             |
| 2    |      |    |       |        |             |
| 3    |      |    |       |        |             |
| 4    |      |    |       |        |             |
| 5    |      |    |       |        |             |
| 6    |      |    |       |        |             |
| 7    |      |    |       |        |             |
| 8    |      |    |       |        |             |
| 9    |      |    |       |        |             |
| 10   |      |    |       |        |             |

DESIGNED: KUNNEY JOHNSON COMPANY  
DRAWN: CONSTRUCTION CONTRACTORS  
CHECKED: DEPARTMENT OF THE ARMY  
SUBMITTED: OFFICE OF THE RESIDENT ENGINEER  
RECOMMENDED: ALASKA DISTRICT  
APPROVED: ELDMOND A.F.B., ALASKA  
A.M. DINING HALL  
ARCHITECTURAL  
KITCHEN DETAILS SHEET METAL WORK

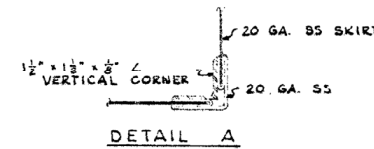
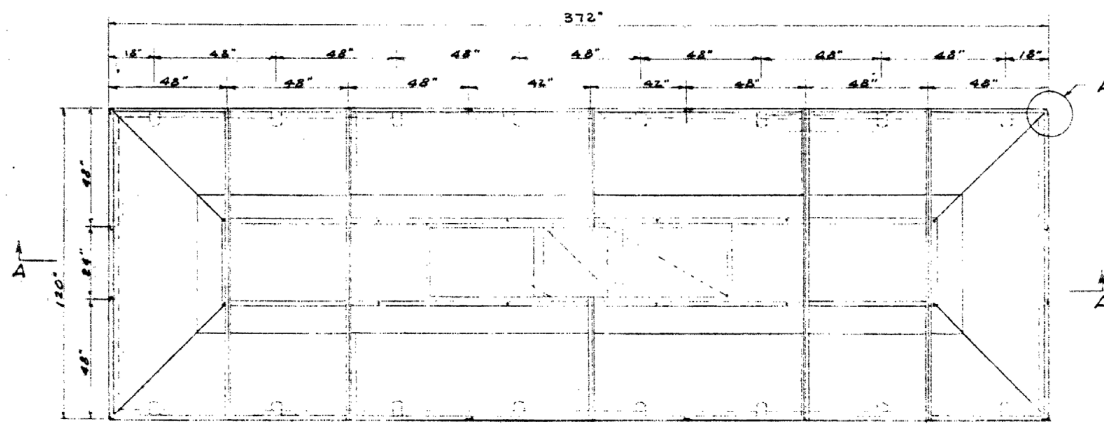
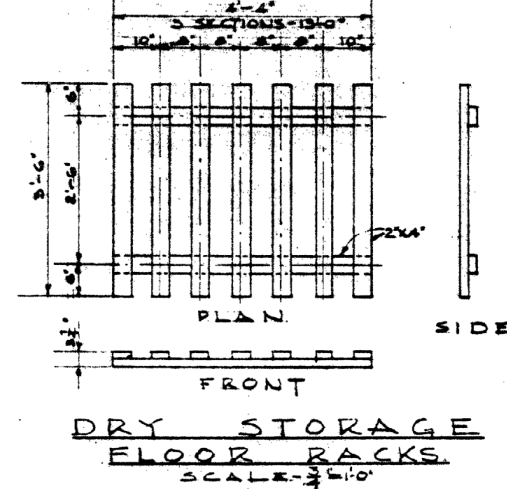
SCALE: 3/4" = 1'-0"

FILE NO. 8-3-23

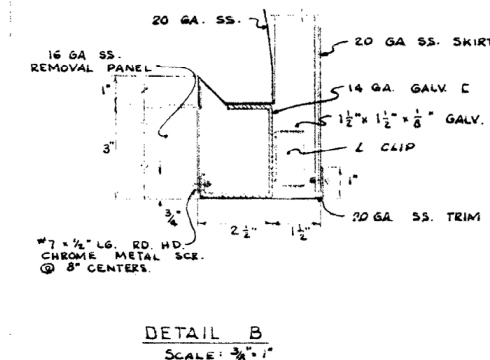
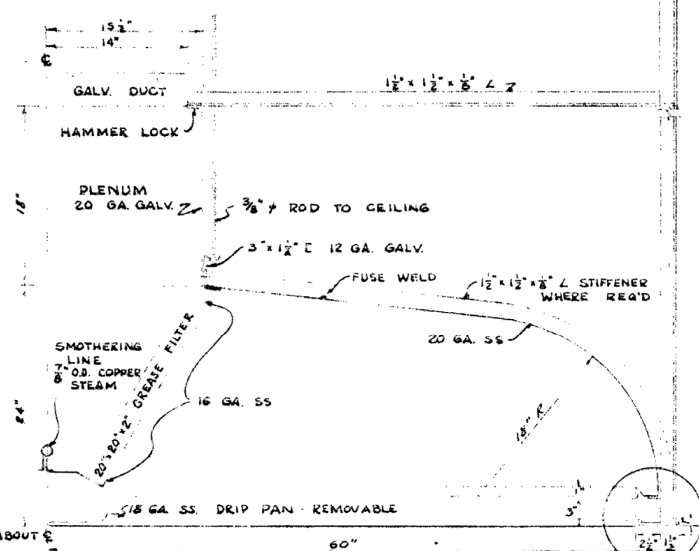
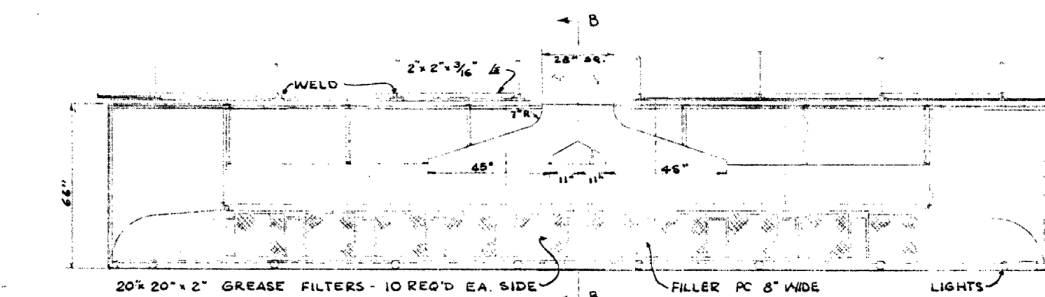




**DRY STORAGE SHELVING & ISSUE**  
SCALE -  $\frac{3}{8}$ " = 1'-0"



THIS DRAWING SHOWS AS-BUILT CONSTRUCTION



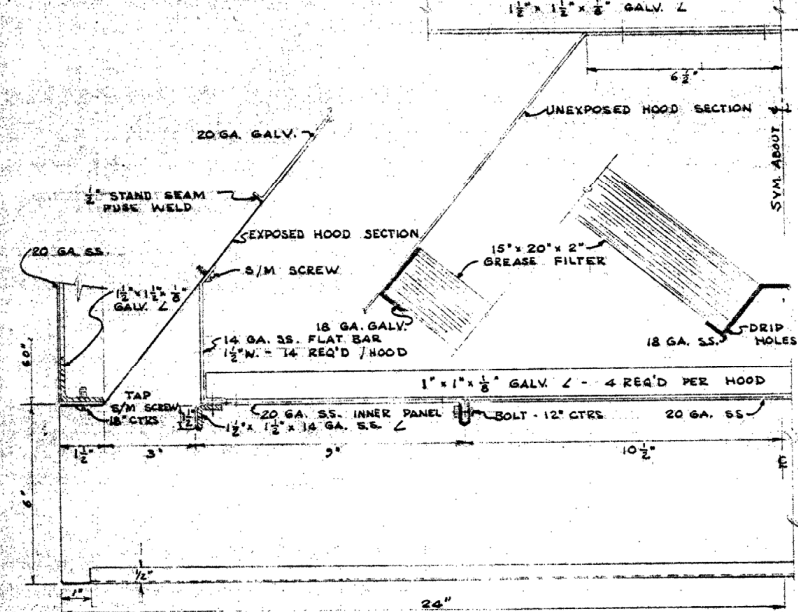
**RANGE HOOD DETAILS**

| REV. | DATE    | BY   | CHKD.   | ACTION  | DESCRIPTION              |
|------|---------|------|---------|---------|--------------------------|
| 1    | 10/1/54 | KUNY | JOHNSON | COMPANY | CONSTRUCTION CONTRACTORS |
| 2    | 10/1/54 | KUNY | JOHNSON | COMPANY | CONSTRUCTION CONTRACTORS |
| 3    | 10/1/54 | KUNY | JOHNSON | COMPANY | CONSTRUCTION CONTRACTORS |
| 4    | 10/1/54 | KUNY | JOHNSON | COMPANY | CONSTRUCTION CONTRACTORS |
| 5    | 10/1/54 | KUNY | JOHNSON | COMPANY | CONSTRUCTION CONTRACTORS |
| 6    | 10/1/54 | KUNY | JOHNSON | COMPANY | CONSTRUCTION CONTRACTORS |
| 7    | 10/1/54 | KUNY | JOHNSON | COMPANY | CONSTRUCTION CONTRACTORS |
| 8    | 10/1/54 | KUNY | JOHNSON | COMPANY | CONSTRUCTION CONTRACTORS |
| 9    | 10/1/54 | KUNY | JOHNSON | COMPANY | CONSTRUCTION CONTRACTORS |
| 10   | 10/1/54 | KUNY | JOHNSON | COMPANY | CONSTRUCTION CONTRACTORS |

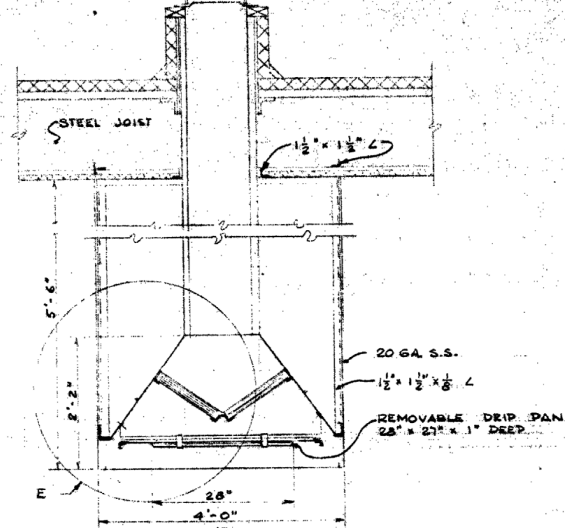
|              |  |            |
|--------------|--|------------|
| DESIGNED:    | <b>ELMENDORF AFB, ALASKA</b><br><b>A.M. DINING HALL</b><br><b>ARCHITECTURAL</b><br><b>KITCHEN DETAILS RANGE HOOD</b> |            |
| DRAWN:       |  |            |
| TRACED:      |  |            |
| CHECKED:     |  |            |
| SUBMITTED:   |  |            |
| RECOMMENDED: | APPROVED:  | DATE:      |
| APPROVED:    | SCALE:   | SPEC. NO.: |
| 1-036        |  |            |



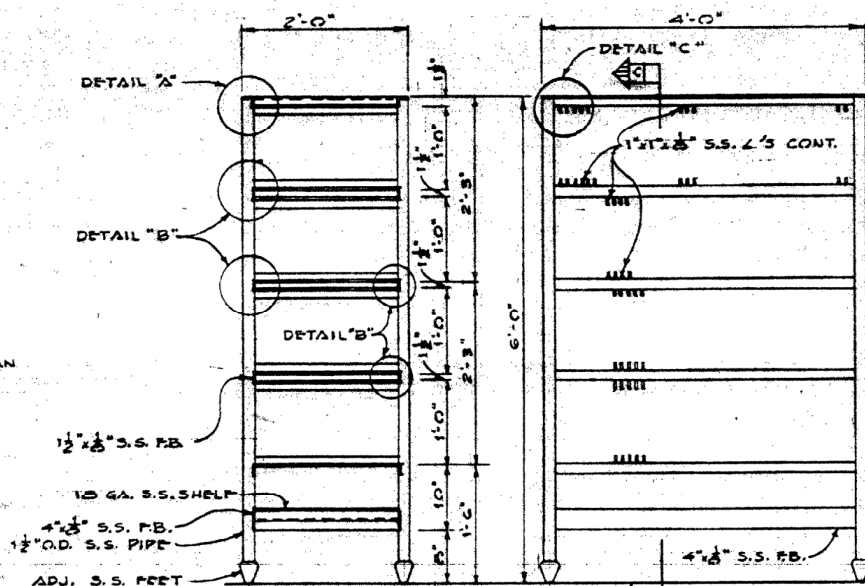
## Exhibit drawing



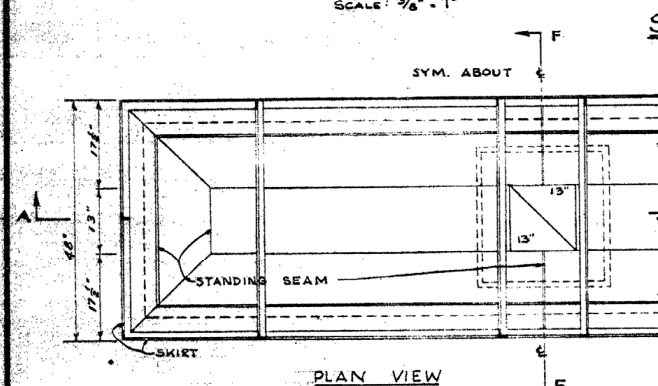
DETAIL E  
SCALE: 3/8" = 1"



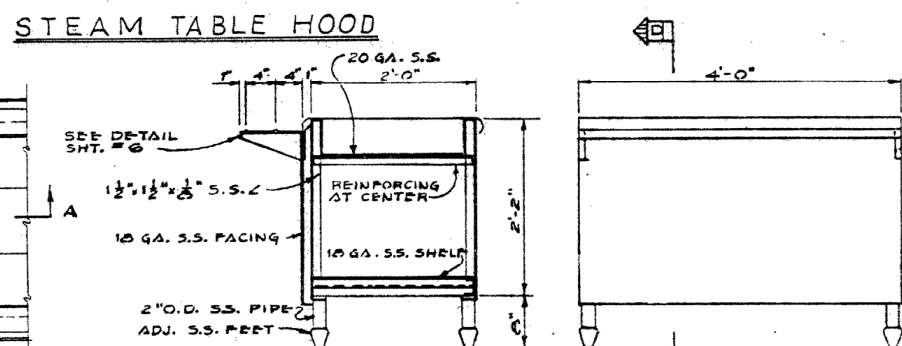
SECTION F-F  
SCALE: 3/4" = 1'-0"



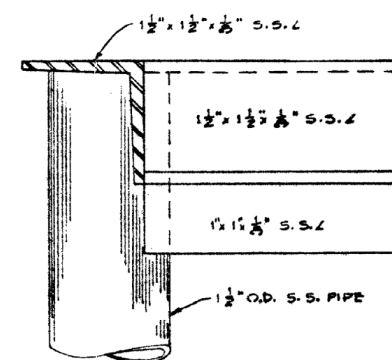
SECTION C-C ELEVATION  
TRAY RACK  
SCALE: 1"=1'-0"



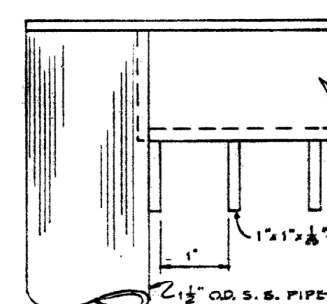
PLAN VIEW



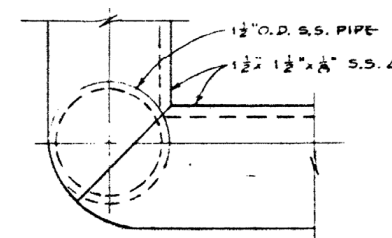
SECTION D-D ELEVATION  
CONDIMENT COUNTER  
SCALE: 1" = 1'-0"



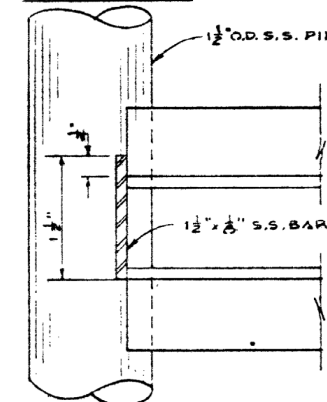
DETAIL A-A



DETAIL C-C

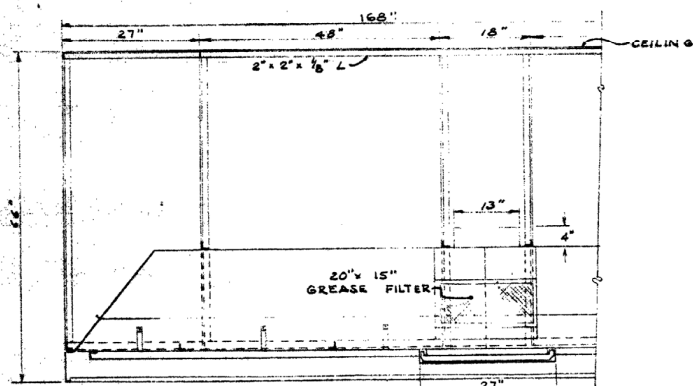


PLAN



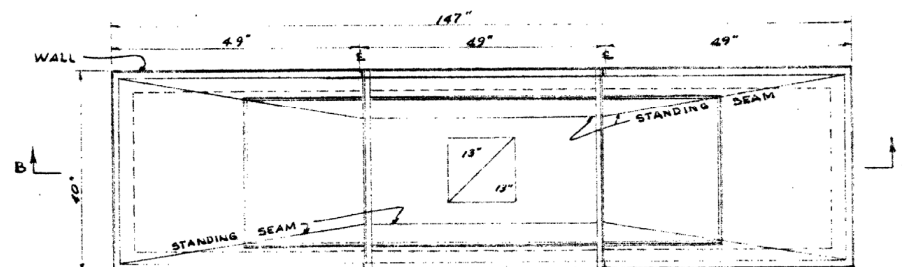
DETAIL B-2

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

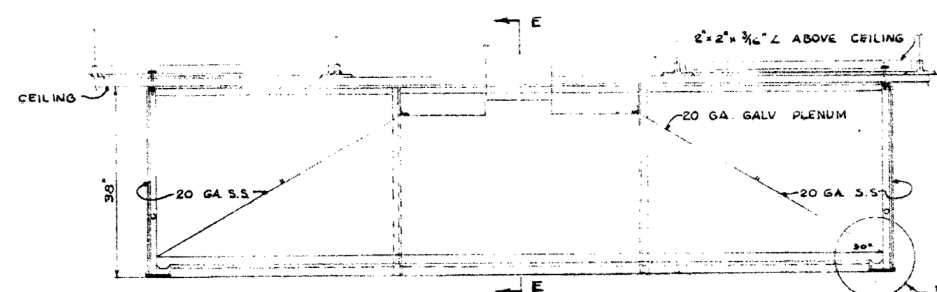


SECTION A-A  
SCALE:  $\frac{3}{4}'' = 1'-0''$

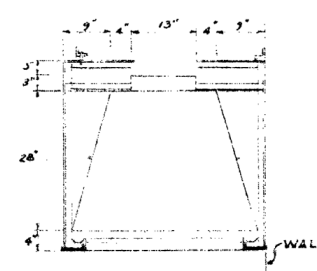
## STEAM TABLE HOOD



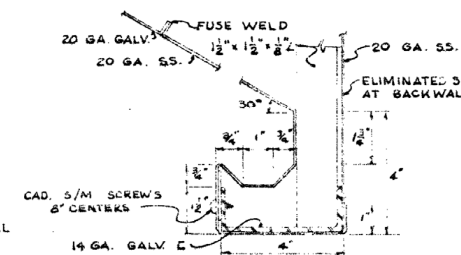
PLAN VIEW



SECTION B-B  
SCALE: 3/4" = 1'-0"



SECTION E-E



DETAIL D

DISHWASHER HOOD

[illegible]

FILE NO. 8-3-21



STATUS - CO/CO INDICATES CONTRACTOR  
FURNISHED & CONTRACTOR INSTALLED.  
AF/AF INDICATES GOVERNMENT  
FURNISHED & GOVERNMENT INSTALLED.

## Exhibit drawing

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

**FILE # No. 8-3-20**



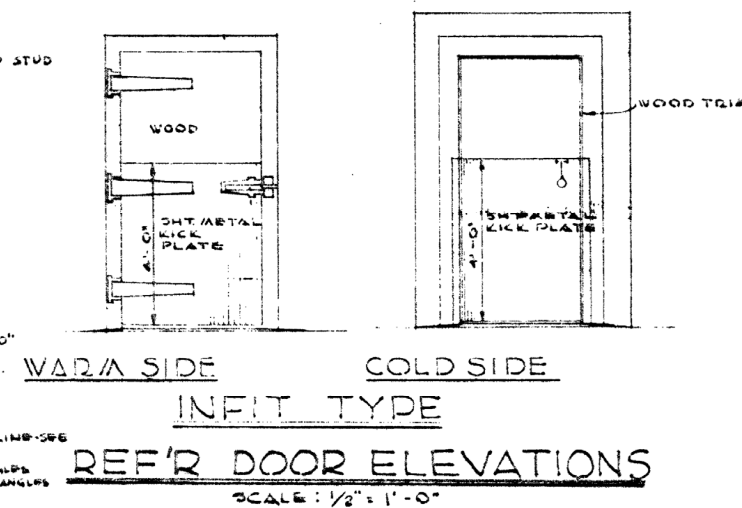
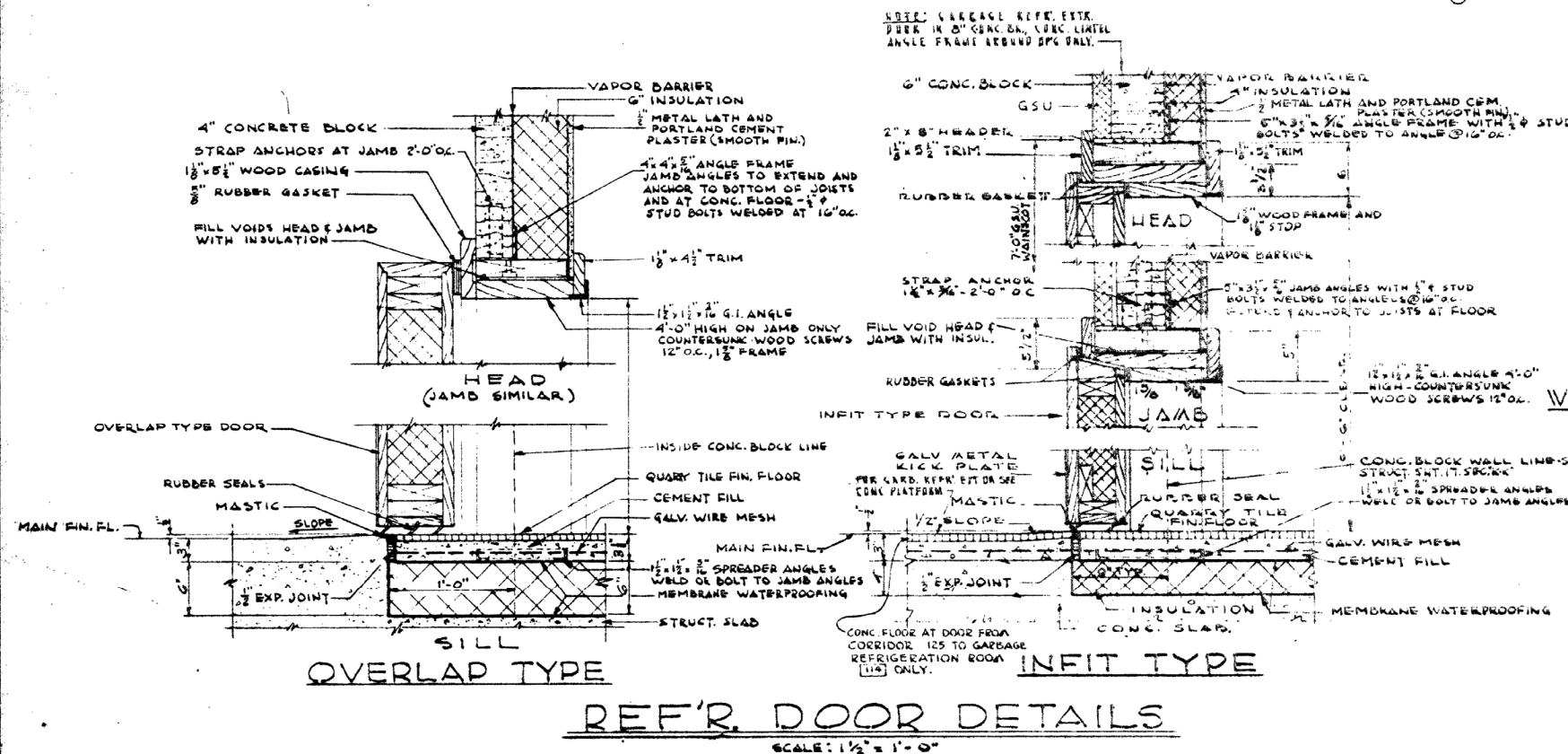
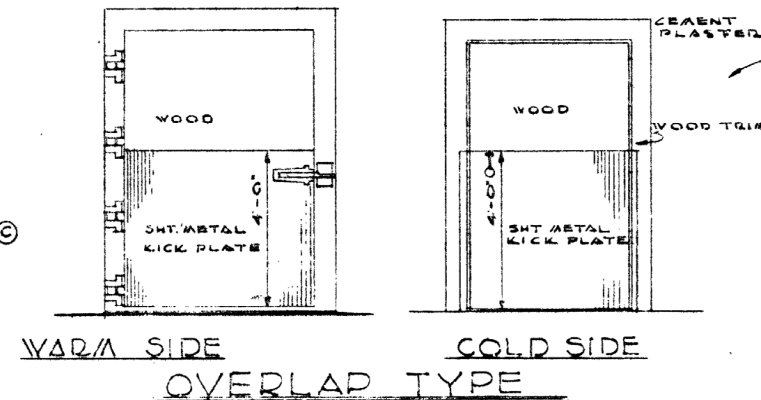
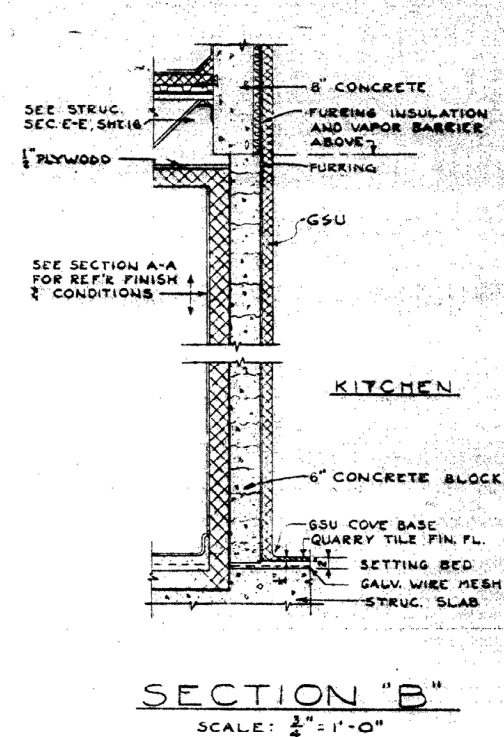
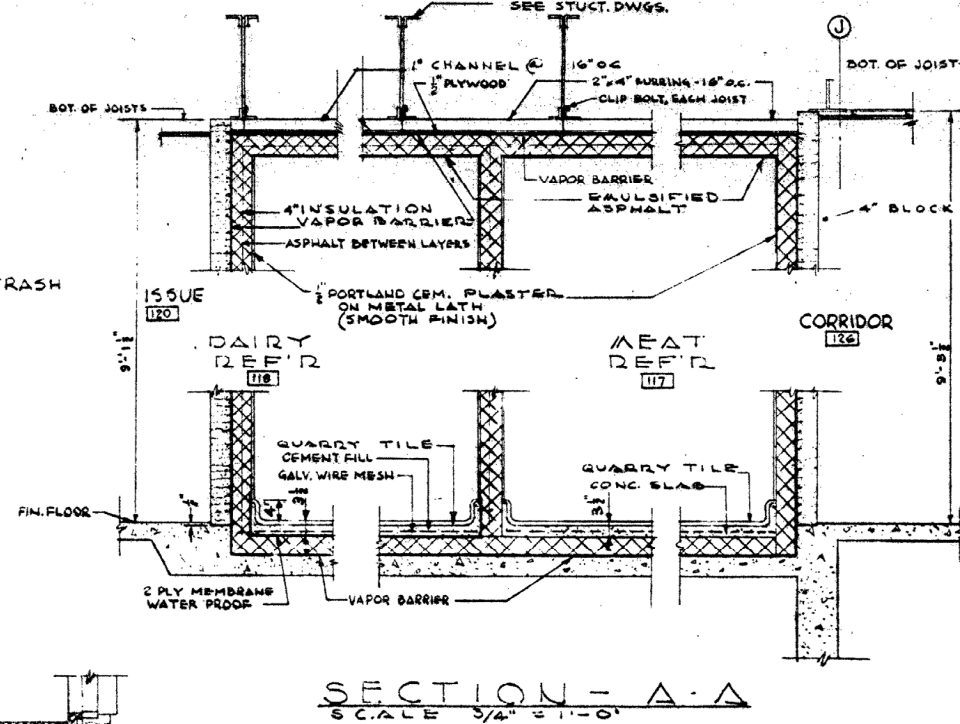
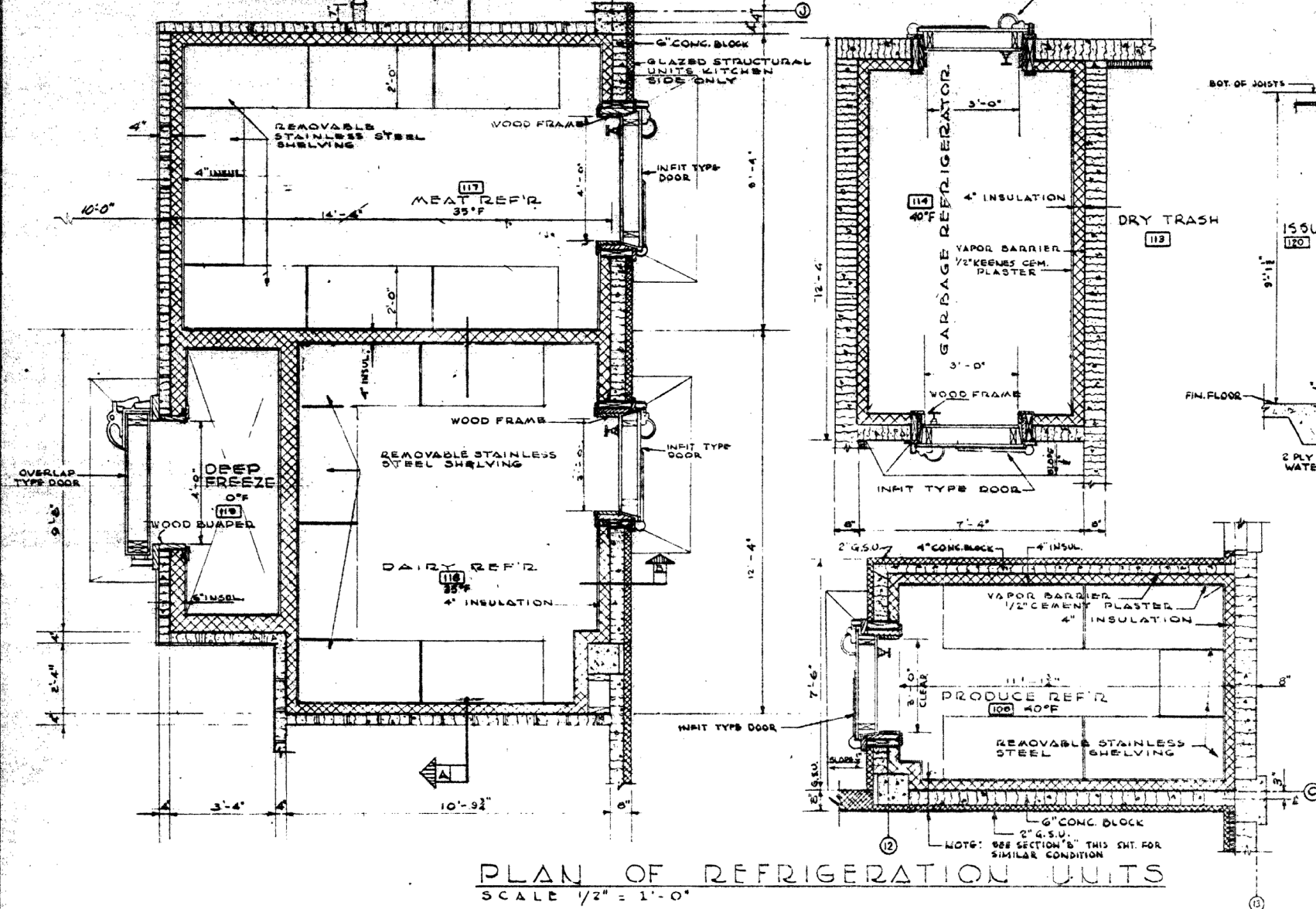


Exhibit drawing

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

|              |                          |                                 |
|--------------|--------------------------|---------------------------------|
| DESIGNED:    | KUNY JOHNSON COMPANY     | DEPARTMENT OF THE ARMY          |
| DRAWN:       | CONSTRUCTION CONTRACTORS | CORPS OF ENGINEERS              |
| TRACED:      | SEATTLE                  | OFFICE OF THE RESIDENT ENGINEER |
| CHECKED:     | WASHINGTON               | ALASKA DISTRICT                 |
| SUBMITTED:   |                          | ELMENDORF AFB, ALASKA           |
| RECOMMENDED: |                          |                                 |
| APPROVED:    |                          |                                 |
| DATE:        |                          |                                 |
| SCALE:       |                          |                                 |
| SPEC. NO.    |                          |                                 |







END ELEVATION SIDE ELEVATION  
REFRIGERATOR SHELVING  
SCALE: 2"=1'-0"

ROOF DRAIN DETAIL  
NO SCALE

WALL FLANGE

PLAN  
SCALE: 1"=1'-0"

PULL UP RING  
SCALE: 3"=1'-0"

TYPICAL BUMPER DETAIL  
SCALE: 3/8"=1'-0"

VENT FLASHING DETAIL

TYPICAL STAIR DETAIL  
SCALE: 1/4" = 1'-0"

ROOF CURB DETAIL

SECTION M (RECEIVED NO. 1)

DETAIL OF TRAFFIC HANDRAIL  
IN DINING ROOM  
SCALE:  $\frac{1}{4}" = 1'-0"$

PLAN-KITCHEN FIRE EXTINGUISHER CABINET

PLAN-KITCHEN FIRE HOSE CABINET

PLAN-DINING ROOM FIRE EXTINGUISHER CASE

PLAN-DINING ROOM FIRE HOSE CAB.  
SCALE 3/4"=1'-0"

SECTION A  
SCALE: 3"=100'  
MATCH: COM

**SECTION-KITCHEN**  
**SCALE 3/4"=1'-0"**

**SECTION - DINING ROOM**

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

## Exhibit drawing

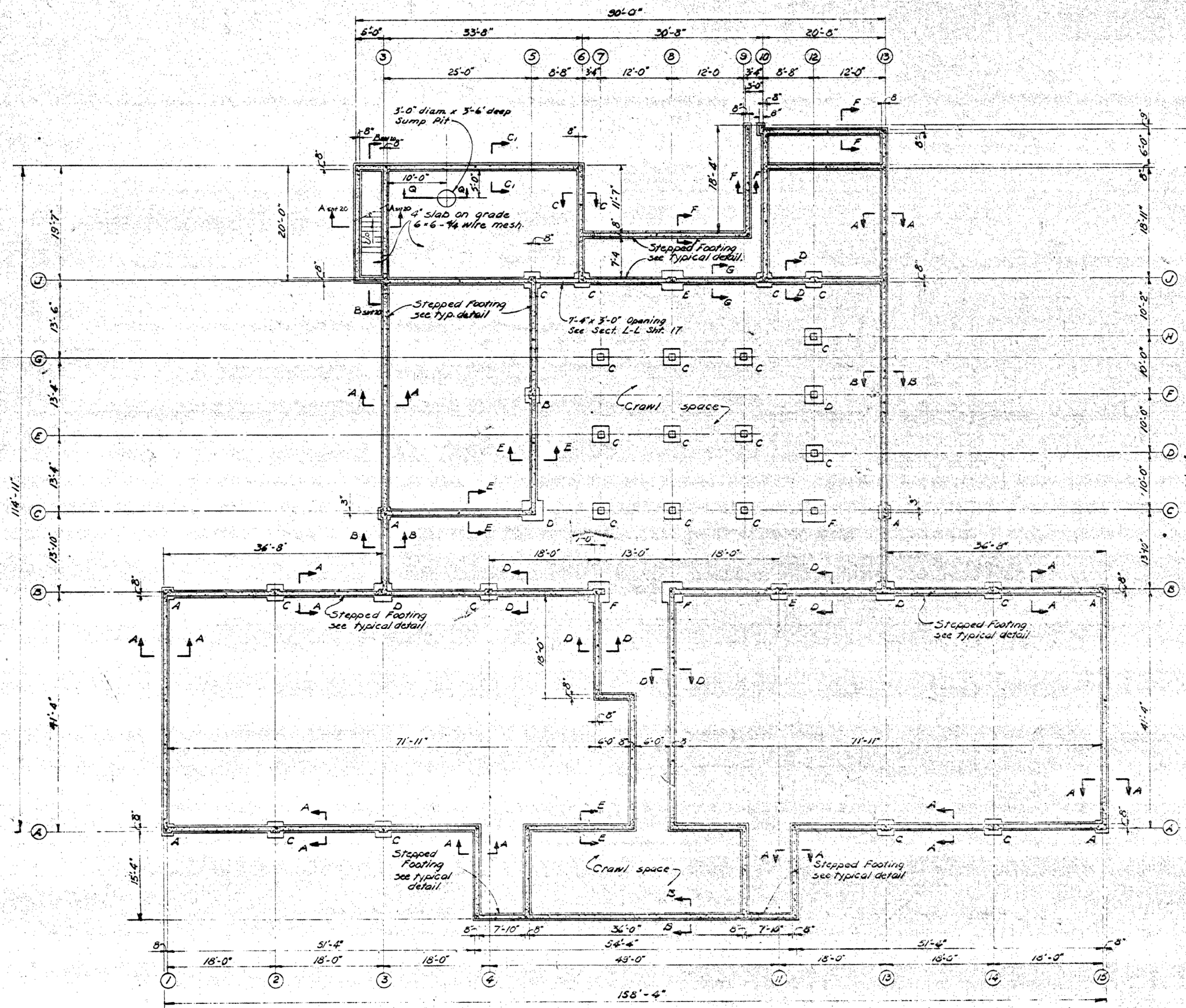
FRONT ELEVATION                      SIDE ELEVATION  
ROOF ACCESS LADDER DETAILS  
SCALE 1"=1'-0"

SNOW SCRAPER DETAIL

HANDBAIL DETAIL AT LOADING DOCK. STAIR

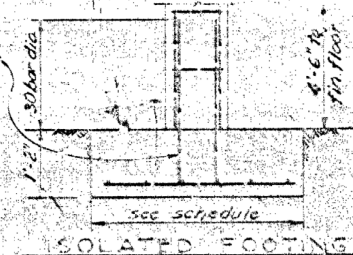
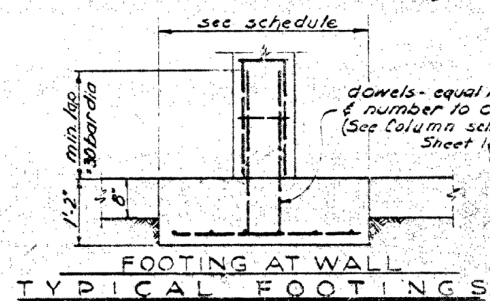
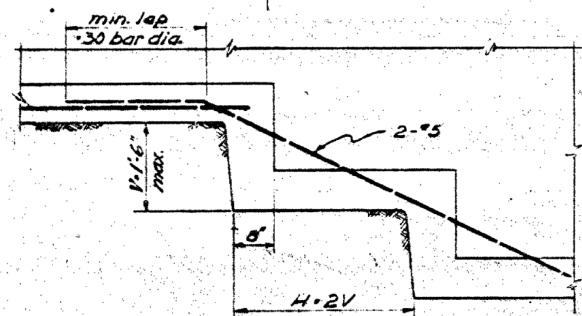
[illegible]





FOUNDATION PLAN  
SCALE: 3/8"=1'-0"

Note: Sections indicated on foundation plan may be found on sheet 17 except as noted.



| FOOTING | SIZE     | REINF.  |
|---------|----------|---------|
| A       | 2'-0" sq | none    |
| B       | 2'-6" sq | none    |
| C       | 2'-3" sq | none    |
| D       | 3'-0" sq | none    |
| E       | 3'-6" sq | 6-#5 EW |
| F       | 4'-0" sq | 6-#6 EW |

## GENERAL NOTES

- Design Loads:**
  - Roof live load-----40 PSF
  - Floor live load-----40 PSF
  - Kitchen & Toilets-----40 PSF+Special Equip.
  - Dining Room-----100 PSF
  - Garage & Loading Platform-----125 PSF
  - Wind load-----30 PSF
  - Earthquake-----Zone III
- Design Stresses:**
  - Concrete-----2500 PSI @ 28 days (ACI Code)
  - Reinf. Steel-----20,000 PSI (INT. Grade A-303-53T)
  - Structural Steel-----20,000 PSI (ASCI Code)
  - Open Web Steel Joist per Steel Joist Inst. Spec.
  - Roof Decking-----18,000 PSI
  - Unit Soil bearing Value-----5000 P.S.F.

1/2 increase allowed for wind or earthquake loads when combined with live & dead loads.
- Lapped all reinf. 30 bar diam. unless otherwise noted.
- Reinforced concrete block bearing walls as follows:
  - Vert. Reinf. - 2-#4 @ 4'-0" o.c. & 2-#4 each side of all openings. 2-#4 dowels @ 4'-0" o.c. at top & bottom of wall. All vert. reinf. to be in conc. filled cells.
  - Horiz. Reinf. - "K" web every second course.
- Reinforced concrete block panels as follows:
  - Dovetail anchor @ 16" o.c. @ top & sides of panels.
  - #4 dowels @ 4'-0" o.c. at bottom of panel.
  - Vert. reinf. - #4 @ 4'-0" o.c. & 2-#4 each side of all openings. All vertical reinforcing in concrete filled cells. Horiz. reinf. - "K" web every second course.
- For interior concrete block walls see details sheet 16.
- Lintels over openings in concrete block walls reinforced with 1-#4 bar for 4" blocks and 2-#4 bars for 6" and 8" blocks and shall bear 8" at sides of openings. Depth of lintels extend 8" above the course joint indicated on the architectural drawings.

Exhibit drawing

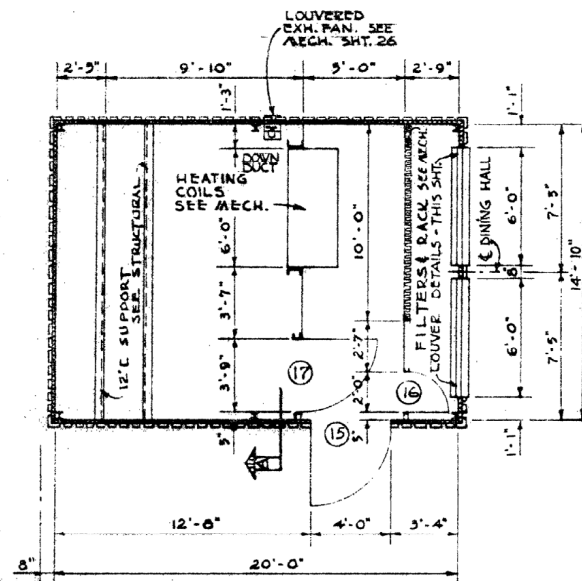
THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

|                       |                          |                                 |
|-----------------------|--------------------------|---------------------------------|
| DESIGNED BY           | KUNNEY, JOHNSON COMPANY  | DEPARTMENT OF THE ARMY          |
| DRAWN BY              | CONSTRUCTION CONTRACTORS | CORPS OF ENGINEERS              |
| CHECKED BY            | SEATTLE                  | OFFICE OF THE RESIDENT ENGINEER |
| APPROVED BY           | WASHINGTON               | ALASKA DISTRICT                 |
| ELMENDORF AFB, ALASKA |                          | AM DINING HALL                  |
| STRUCTURAL            |                          | FOUNDATION PLAN                 |
| DATE                  | 1-836                    | AF-36-05-42                     |
| SCALE                 | AS SHOWN                 | SHEET 1 OF 2                    |

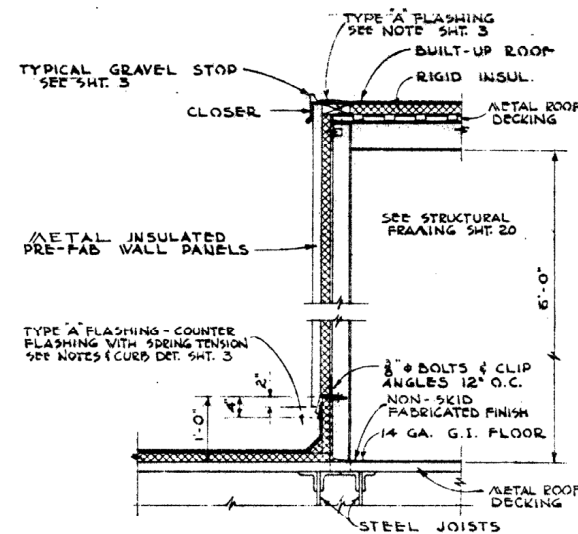
FILE NO. 8-3-16



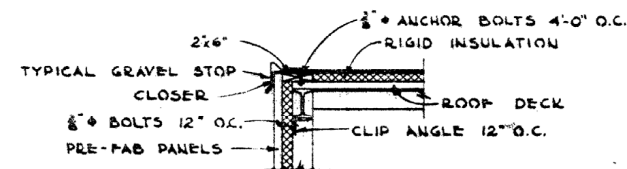
# Exhibit drawing



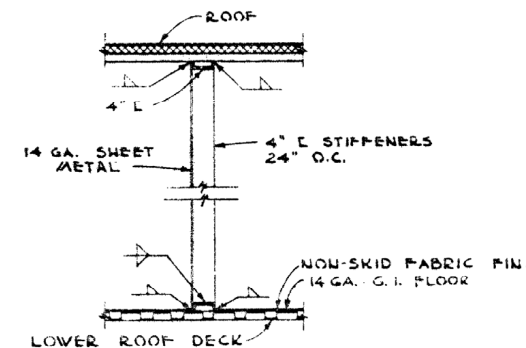
**PLAN  
PENTHOUSE**  
SCALE:  $\frac{1}{4}$ " = 1'-0"



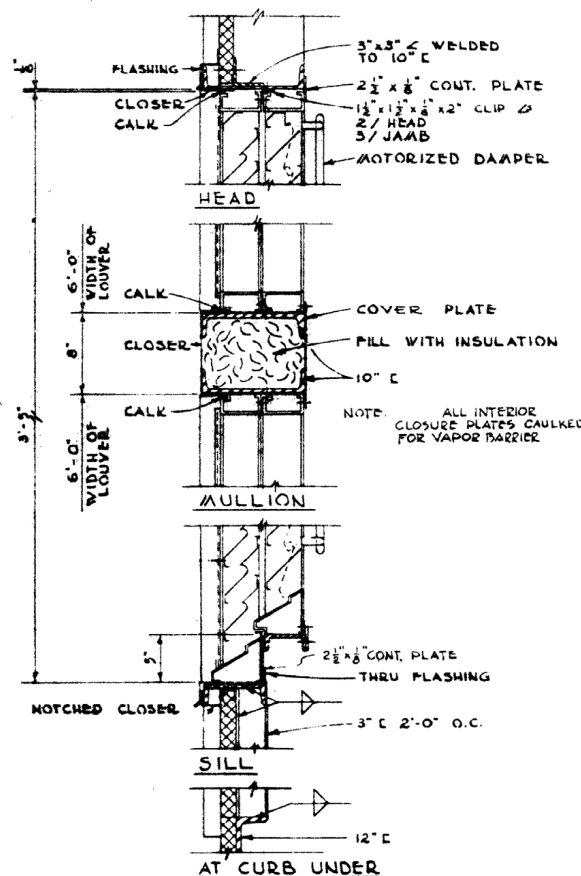
**SECTION A-A**  
SCALE:  $\frac{1}{4}$ " = 1'-0"



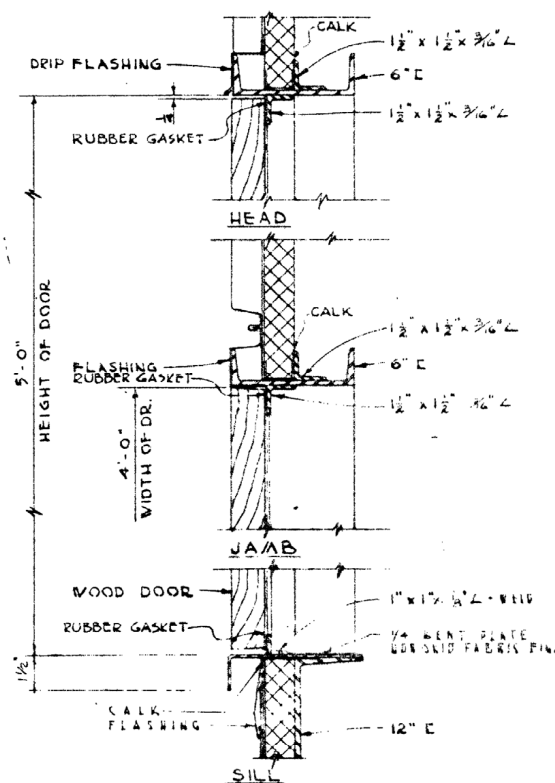
**SECTION B-B**  
SCALE:  $\frac{1}{4}$ " = 1'-0"



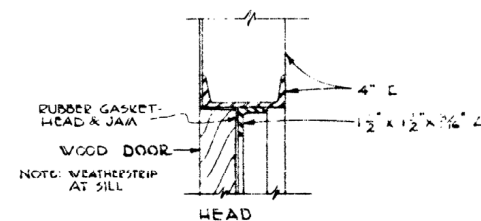
**TYPICAL INTERIOR WALL**  
SCALE:  $\frac{1}{4}$ " = 1'-0"



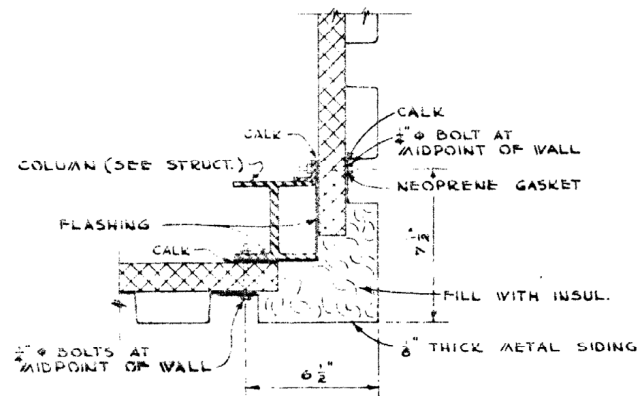
**LOUVER V/OPERATING  
SHUTTER**  
SCALE:  $\frac{1}{2}$ " = 1'-0"



**EXTERIOR DOOR**  
SCALE:  $\frac{1}{2}$ " = 1'-0"



**INTERIOR ACCESS DOOR**  
SCALE:  $\frac{1}{2}$ " = 1'-0"

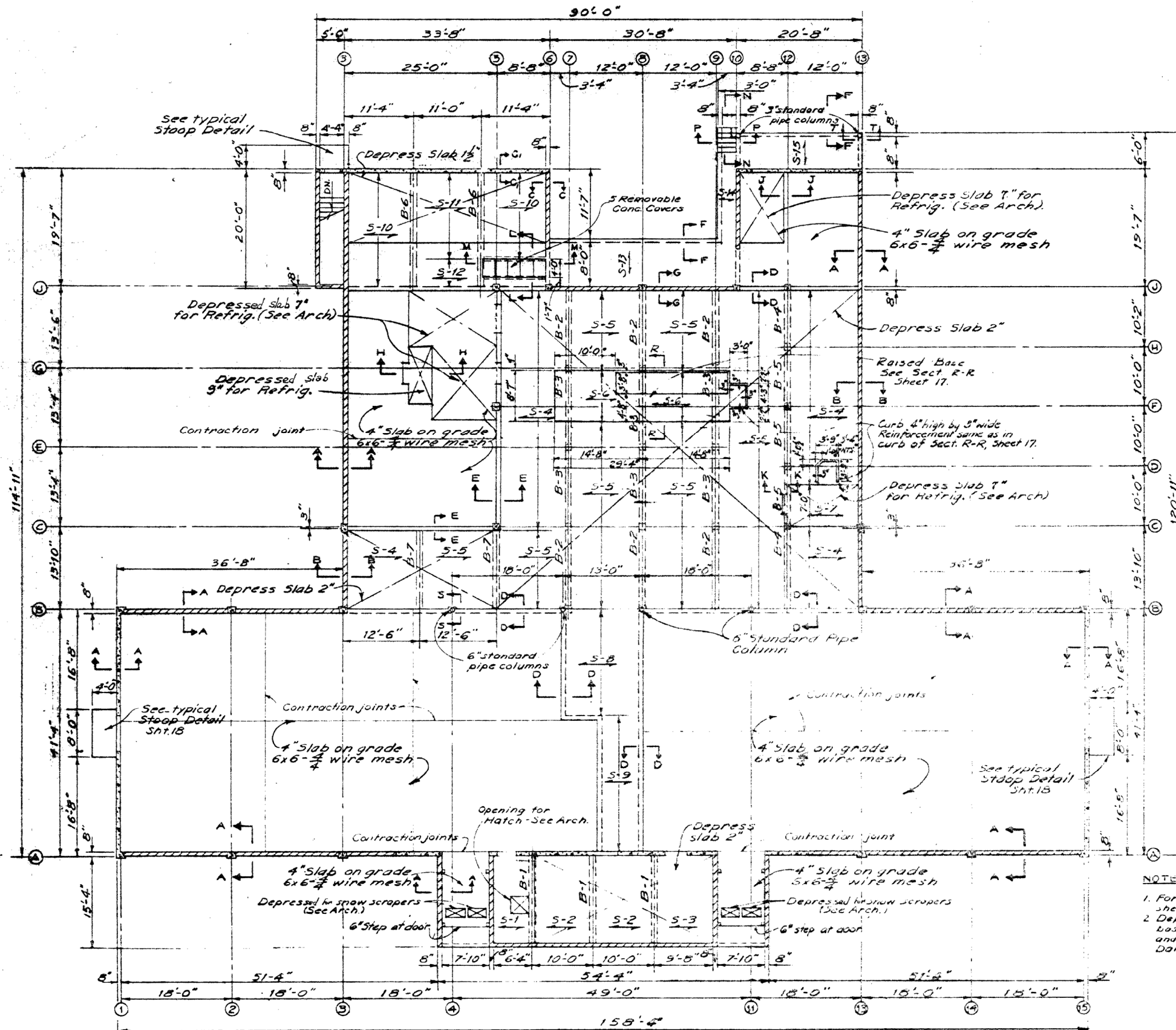


**CORNER DETAIL**  
SCALE:  $\frac{1}{2}$ " = 1'-0"

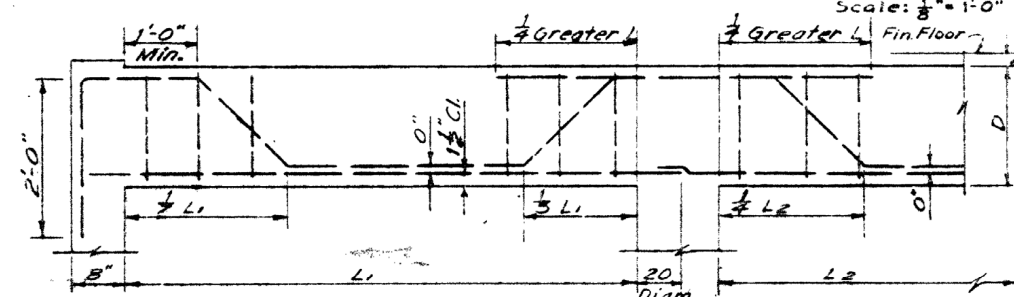
THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

|                          |                          |                                 |
|--------------------------|--------------------------|---------------------------------|
| DESIGNED:                | KUNNEY JOHNSON COMPANY   | DEPARTMENT OF THE ARMY          |
| DRAWN:                   | CONSTRUCTION CONTRACTORS | CORPS OF ENGINEERS              |
| TRACED:                  | SEATTLE                  | OFFICE OF THE RESIDENT ENGINEER |
| CHECKED:                 | WASHINGTON               | ALASKA DISTRICT                 |
| SUBMITTED:               |                          | WASHINGTON, D.C.                |
| RECOMMENDED:             |                          |                                 |
| APPROVED:                |                          |                                 |
| ELMENDORF A.F.B., ALASKA |                          |                                 |
| A.M. DINING HALL         |                          |                                 |
| ARCHITECTURAL            |                          |                                 |
| PENTHOUSE PLAN & DETAILS |                          |                                 |
| APPROVED:                | 1-836                    | SCALE: $\frac{1}{4}$ " = 1'-0"  |
| DRAWING NUMBER:          | 2-0                      | DATE: 36-05-42                  |

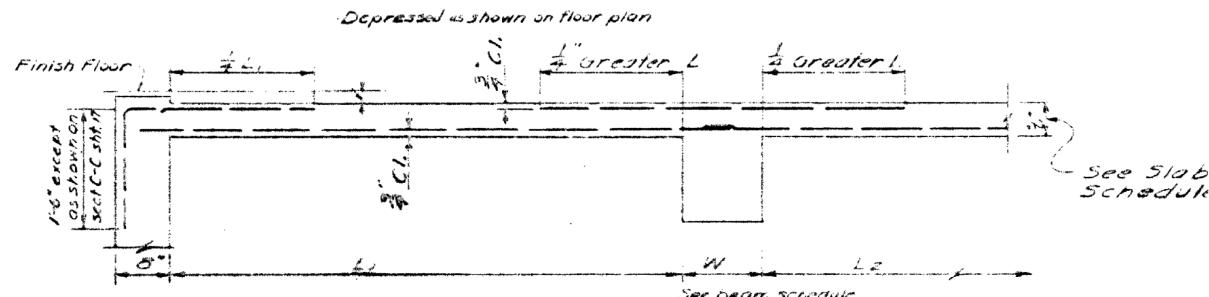




FIRST FLOOR FRAMING PLAN



TYPICAL BEAM REINFORCEMENT



TYPICAL SLAB REINFORCEMENT

| SLAB SCHEDULE |       |               |  |        |
|---------------|-------|---------------|--|--------|
| MARK          | THICK | REINFORCEMENT |  | TEMP   |
|               |       | BOTTOM BARS   | TOP BARS                                   | STEEL  |
| S-1           | 4"    | #4@12"        | #3@12" @ Wall                              | #3@18" |
| S-2           | 4"    | #4@10"        | #3@12" Between S-1 & S-2                   | #3@18" |
| S-3           | 4"    | #4@8 1/2"     | #3@12" Between S-2 & S-3                   | #3@18" |
| S-4           | 5"    | #5@11 1/2"    | #4@15" @ Wall, #5@8 1/2" Between S-4 & S-5 | #3@18" |
| S-5           | 5"    | #4@9"         | #5@9 1/2" Between S-5 & S-6                | #3@13" |
| S-6           | 10"   | #5@9 1/2"     | #6@5 1/2" Between S-6 & S-7                | #3@13" |
| S-7           | 5"    | #5@9 1/2"     | #4@12" @ Wall                              | #3@13" |
| S-8           | 5"    | #6@10"        | #4@15" @ Walls                             | #3@13" |
| S-9           | 4"    | #4@12"        | #3@12" @ Walls                             | #3@18" |
| S-10          | 5"    | #4@8"         | #4@15" @ Wall                              | #3@13" |
| S-11          | 5"    | #4@11"        | #5@9" Between S-10 & S-11                  | #3@13" |
| S-12          | 5"    | #4@9"         | #4@15" @ opening                           | #3@13" |
| S-13          | 6"    | #5@10 1/2"    | #4@15" @ Walls                             | #4@18" |
| S-14          | 5"    | #4@15"        | #4@15" @ Walls                             | #3@13" |
| S-15          | 6"    | #4@12"        | #4@15" @ Walls                             | #4@18" |

| BEAM SCHEDULE |       |              |         |            |
|---------------|-------|--------------|---------|------------|
| REINFORCEMENT |       |              |         |            |
| MARK          | SIZE  | LONGITUDINAL | REMARKS | STIRRUPS   |
|               |       | W D N        |         |            |
| B-1           | 12/18 | 2-#7         | Bottom  | 4-#3       |
| B-2           | 12/18 | 2-#7         | Truss   | 1@3", 1@8" |
| B-3           | 12/18 | 2-#5         | Bottom  | 8-#3       |
| B-4           | 12/18 | 2-#5         | Truss   | 1@3", 2@8" |
| B-5           | 12/18 | 1-#6         | Bottom  | 6-#3       |
| B-6           | 12/18 | 1-#6         | Truss   | 1@3", 2@8" |
| B-7           | 12/16 | 3-#8         | Bottom  | 4-#3       |
| B-8           | 12/16 | 2-#6         | Truss   | 1@4", 1@8" |
| B-9           | 12/16 | 2-#6         | Truss   | None       |

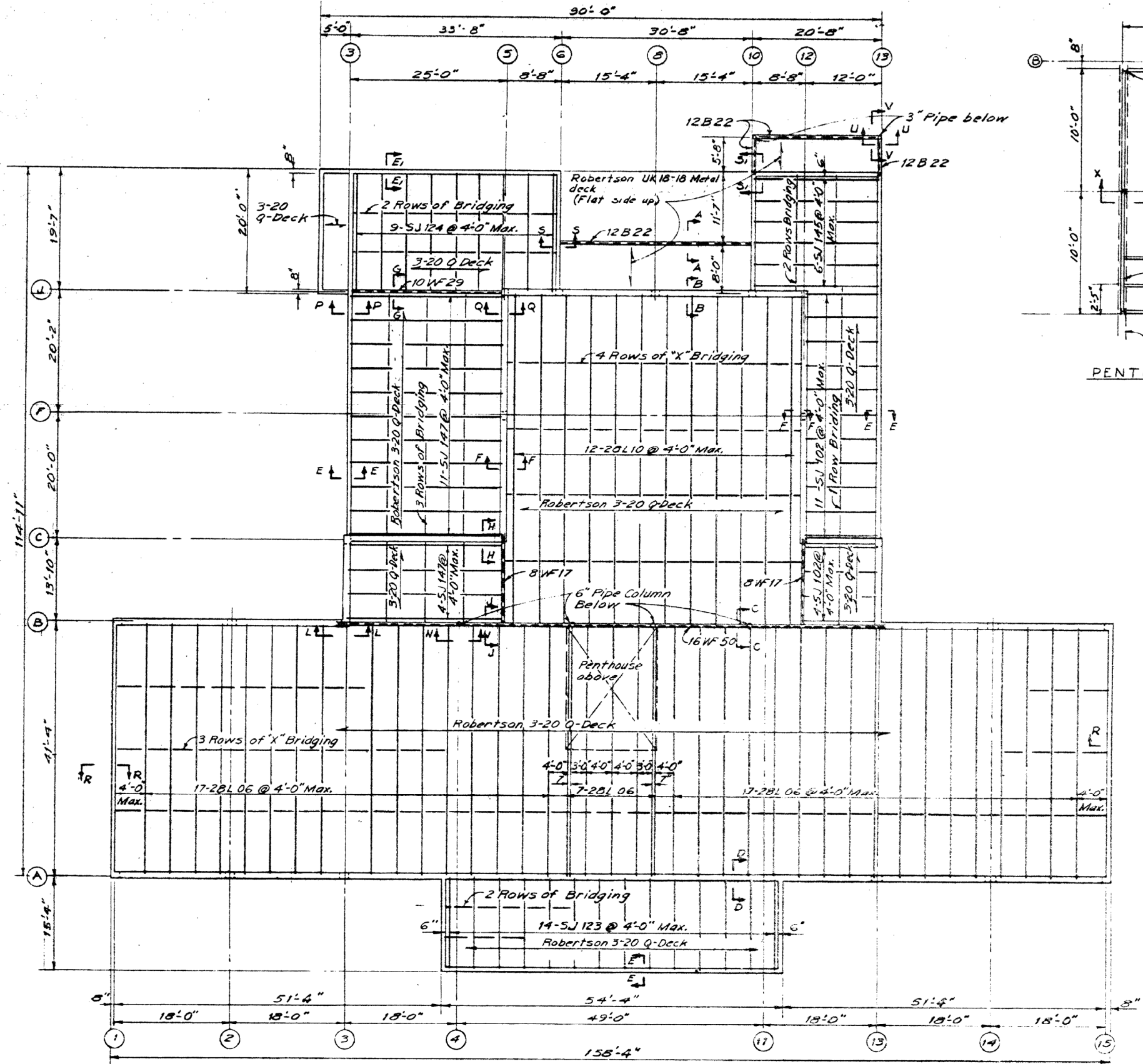
THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

Exhibit drawing

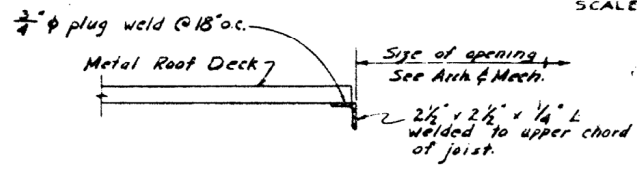
- NOTES:
1. For section indicated on plan see sheet 17.
  2. Depression in refrigerated areas are based on 6" of insulation in Deep Freeze and 4" of insulation in Heat Retrig., Dairy, Produce, & Garbage Retrig.

|             |                          |
|-------------|--------------------------|
| DESIGNED    | ELMENDORF AFB, ALASKA    |
| DRAWN       | A M DINING HALL          |
| TRACED      | STRUCTURAL               |
| CHECKED     | FIRST FLOOR FRAMING PLAN |
| APPROVED    | AND SCHEDULES            |
| DATE        | 1-836                    |
| SCALE       | A-8                      |
| PROJECT NO. | AF 36-03-42              |



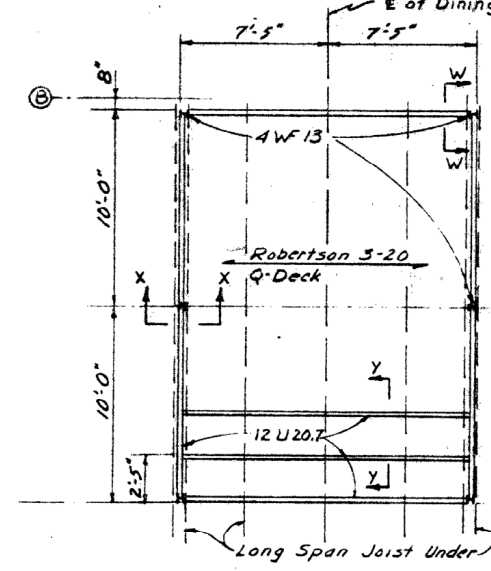


ROOF FRAMING PLAN  
SCALE: 1/8" = 1'-0"

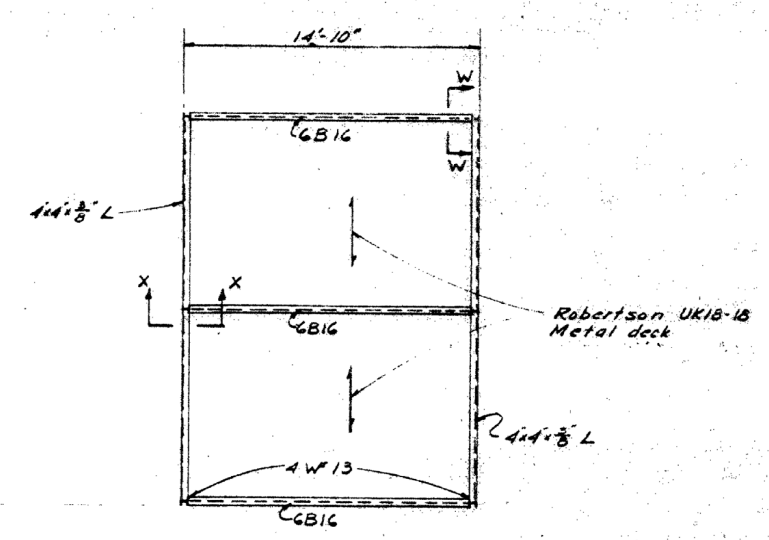


TYPICAL OPENING IN ROOF DECK  
SCALE: 1/2" = 1'-0"

Note: See Arch. drwgs for roof drain, curb details and location of openings



PENTHOUSE FLOOR PLAN  
Scale: 1/4" = 1'-0"



PENTHOUSE ROOF FRAMING PLAN  
Scale: 1/4" = 1'-0"

- NOTES:
1. Bridging conforms to Steel Joist Institute Specifications.
  2. Metal roof decking welded as follows:  
3/4" phi plug weld @ 18" o.c. along perimeter and at each joist.  
1/8" side lap seam welds @ 18" o.c.
  3. For sections A-A thru Q-Q, see sheet 19.  
For sections R-R thru Y-Y, see sheet 20.

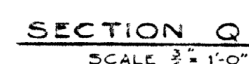
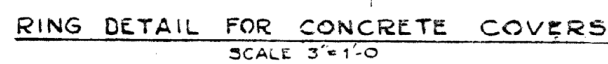
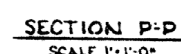
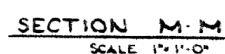
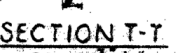
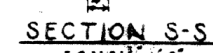
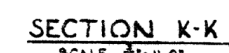
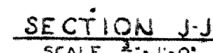
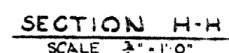
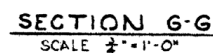
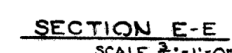
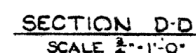
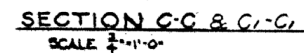
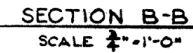
Exhibit drawing

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

|                |                          |                                 |
|----------------|--------------------------|---------------------------------|
| DESIGNED:      | KUNY JOHNSON COMPANY     | DEPARTMENT OF THE ARMY          |
| DRAWN:         | CONSTRUCTION CONTRACTORS | CORPS OF ENGINEERS              |
| TRACED:        | SEATTLE                  | OFFICE OF THE RESIDENT ENGINEER |
| CHECKED:       |                          | ALASKA DISTRICT                 |
| SUBMITTED:     |                          | ELMENDORF AFB, ALASKA           |
| RECOMMENDED:   |                          |                                 |
| APPROVED:      |                          | DATE:                           |
| 1-836          |                          |                                 |
| A-2            |                          |                                 |
| SCALE AS SHOWN |                          |                                 |
| DRAWING NUMBER |                          |                                 |
| A.F. 38-05-40  |                          |                                 |

FILE No. 8-3-14





CRACK CONTROL JOINT  
SCALE  $\frac{3}{4}" = 1'-0"$

## Exhibit drawing

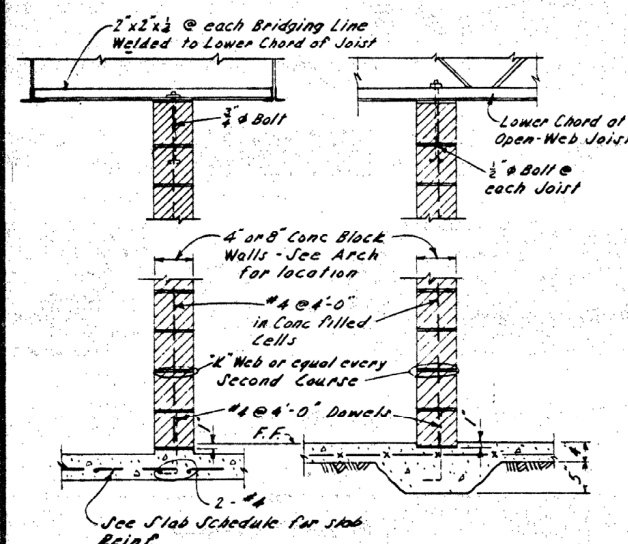
[illegible]



| Column                       | A-1 Shown<br>B-4, A-15 & B-15<br>Similar | A-2 Shown<br>B-2, A-3, A-13, A-14<br>& B-14<br>Similar | B-3 Shown<br>B-13 Similar | B-4 Shown<br>B-11 Similar | B-7           | B-8           | C-3 Shown<br>C-13 Similar | C-5 Shown<br>C-12 Similar | F-5 Shown<br>F-12 Similar | J-5 Shown<br>J-12 Similar | J-6 Shown<br>J-10 Similar | J-8           | C-7, C-8, C-9, D-12<br>F-7, F-8, F-9, G-7<br>G-8, G-9, H-12 |
|------------------------------|--|--|---------------------------|---------------------------|---------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------|---|
| Roof Line                    |  |  |                           |                           |               |               |                           |                           |                           |                           |                           |               |   |
| Lower Roof Line              |  |  |                           |                           |               |               |                           |                           |                           |                           |                           |               |   |
| 14'-3"                       |  |  |                           |                           |               |               |                           |                           |                           |                           |                           |               |   |
| 10'-5"                       |  |  |                           |                           |               |               |                           |                           |                           |                           |                           |               |   |
| 9'-7"                        |  |  |                           |                           |               |               |                           |                           |                           |                           |                           |               |   |
| 9'-3"                        |  |  |                           |                           |               |               |                           |                           |                           |                           |                           |               |   |
| 7'-11"                       |  |  |                           |                           |               |               |                           |                           |                           |                           |                           |               |   |
| Top of Conc. Block or Window |  |  |                           |                           |               |               |                           |                           |                           |                           |                           |               |   |
| 11'-4"                       |  |  |                           |                           |               |               |                           |                           |                           |                           |                           |               |   |
| Top of Footings              |  |  |                           |                           |               |               |                           |                           |                           |                           |                           |               |   |
| Vertical Reinf.              | 4-#7                                     | 4-#7   | 4-#7                      | 4-#6                      | 6-#7          | 4-#6          | 4-#7                      | 4-#6                      | 4-#6                      | 4-#6                      | 4-#6                      | 4-#6          | 4-#6  |
| Ties                         | #2 @ 12" o.c.                            | #2 @ 12" o.c.  | #2 @ 12" o.c.             | #2 @ 12" o.c.             | #2 @ 12" o.c. | #2 @ 12" o.c. | #2 @ 12" o.c.             | #2 @ 12" o.c.             | #2 @ 12" o.c.             | #2 @ 12" o.c.             | #2 @ 12" o.c.             | #2 @ 10" o.c. | #2 @ 12" o.c.   |

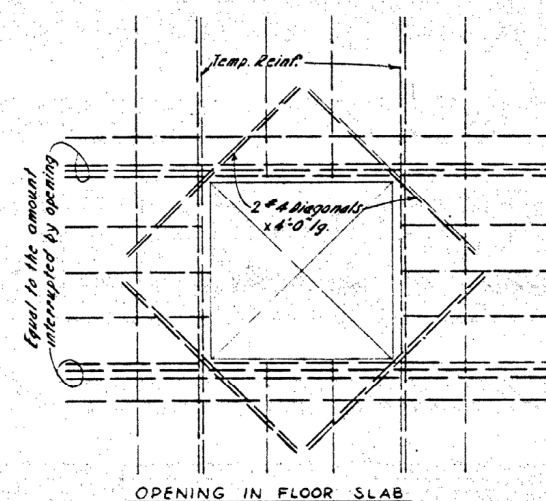
COLUMN SCHEDULE

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

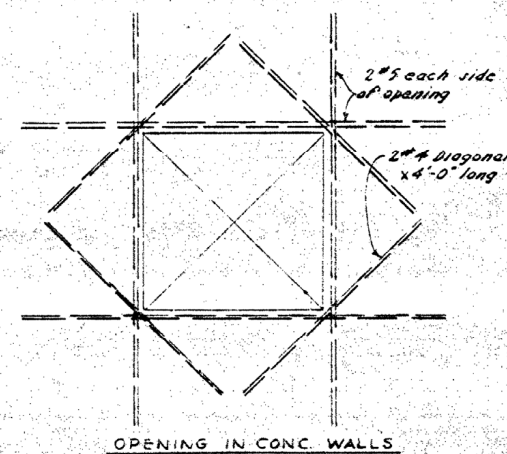


TYPICAL INTERIOR CONC. BLOCK WALLS

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



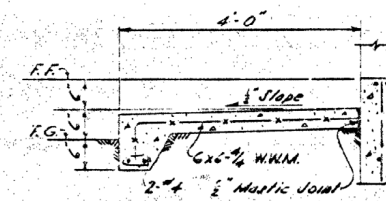
OPENING IN FLOOR SLAB



OPENING IN CONC. WALLS

TYPICAL REINFORCEMENT AROUND OPENINGS OVER 1'-0" DIA.

Note: All Reinforcing extends at least 2'-0" beyond opening. Small openings up to 1'-0" in dia. unless they occur at columns.



TYPICAL STOOP

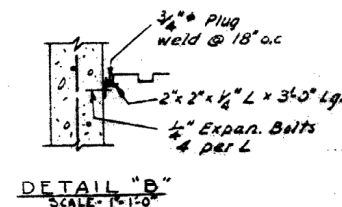
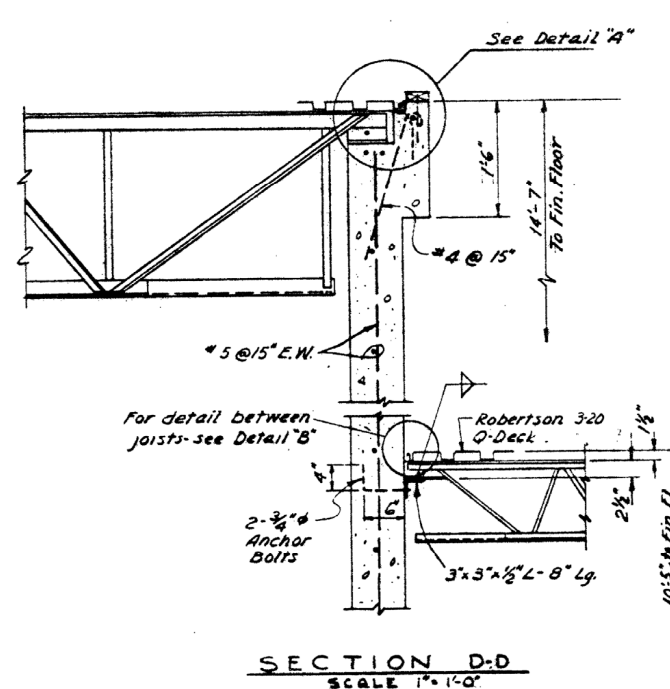
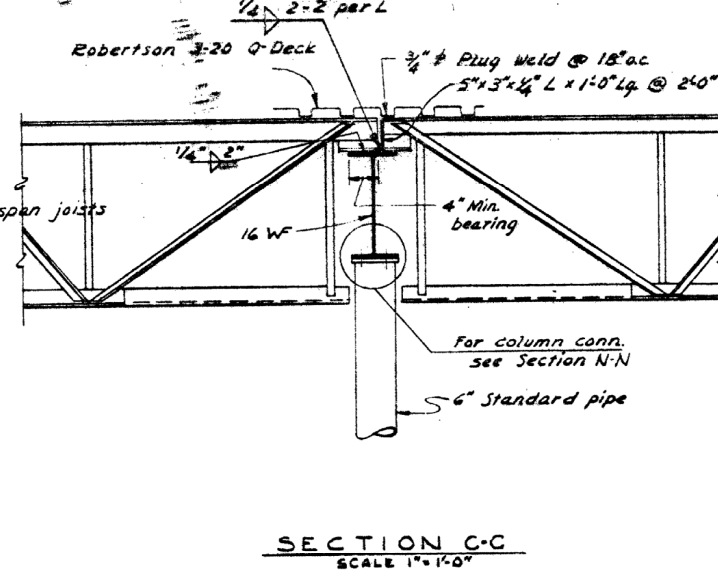
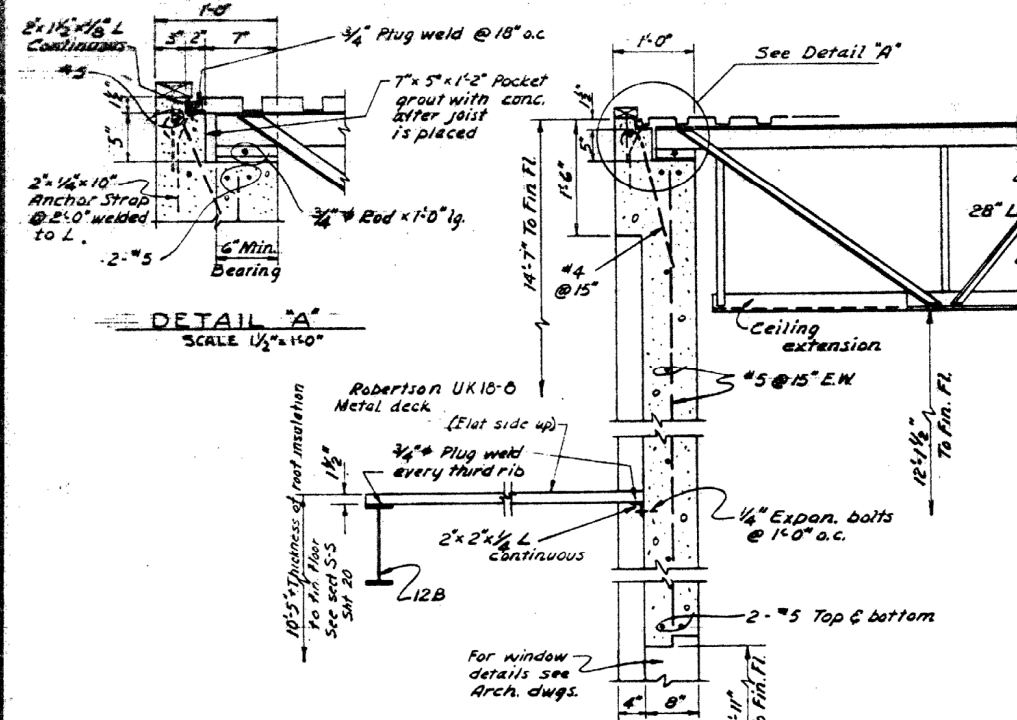
SCALE: 1/4" = 1'-0"

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

|              |                          |                                 |
|--------------|--------------------------|---------------------------------|
| DESIGNED:    | KUNNEY JOHNSON COMPANY   | DEPARTMENT OF THE ARMY          |
| DRAWN:       | CONSTRUCTION CONTRACTORS | CORPS OF ENGINEERS              |
| CHECKED:     | SEATTLE                  | OFFICE OF THE RESIDENT ENGINEER |
| RECOMMENDED: | WASHINGTON               | ALASKA DISTRICT                 |
| APPROVED:    |                          | ELMENDORF AFB, ALASKA           |
|              |                          | A.M. DINING HALL                |
|              |                          | STRUCTURAL                      |
|              |                          | COLUMN SCHEDULE & DETAILS       |
| DATE:        | 1-836                    | SCALE AS SHOWN                  |
|              | 9-848                    | DRAWING NUMBER                  |
|              | A-8                      | AF 36-05-42                     |

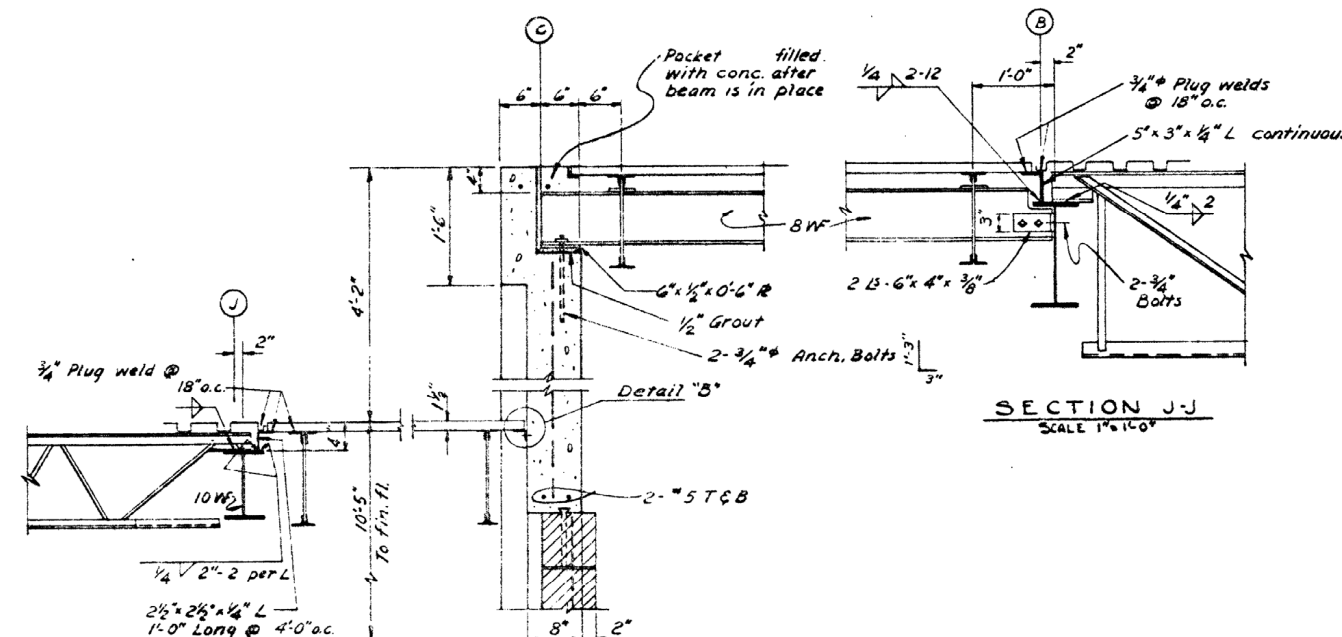
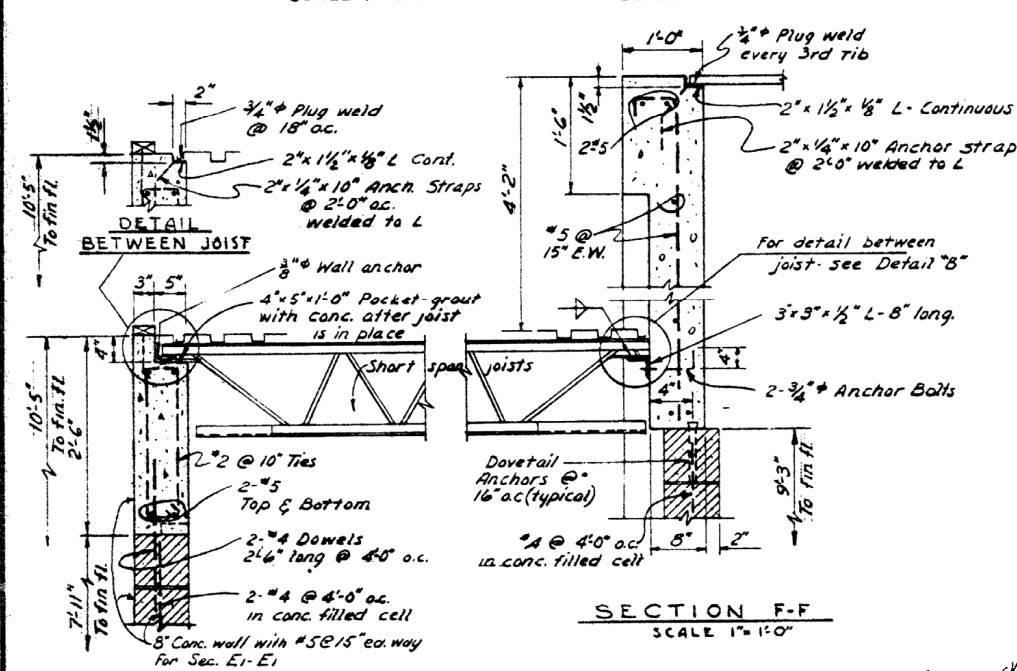


# Exhibit drawing

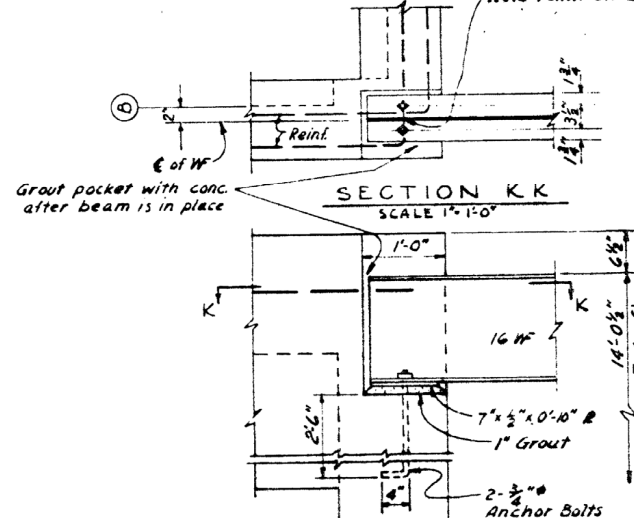
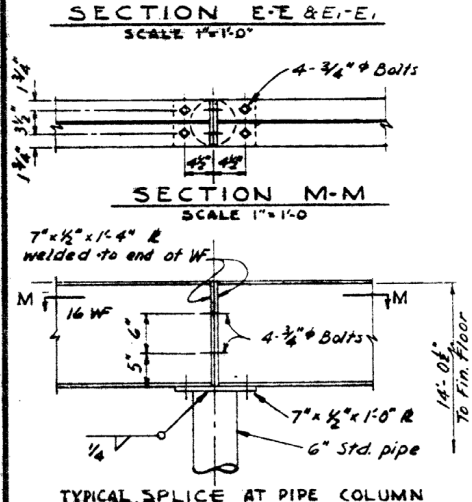


SECTION A-A  
SCALE 1" = 1'-0"

SECTION B-B  
SCALE 1" = 1'-0"



SECTION H-H  
SCALE 1" = 1'-0"



SECTION P-P  
SCALE 1" = 1'-0"

SECTION Q-Q  
SCALE 1" = 1'-0"

SECTION N-N  
SCALE 1" = 1'-0"

SECTION L-L  
SCALE 1" = 1'-0"

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

| REV. | DATE  | BY  | CHKD. | ACTION | DESCRIPTION | BY | DATE |
|------|-------|-----|-------|--------|-------------|----|------|
| 1    | 1-836 | A-B |       |        |             |    |      |

DESIGNED:   
 DRAWN:   
 TRACED:   
 CHECKED:   
 SUBMITTED:   
 RECOMMENDED:   
 APPROVED:   
 KUNY JOHNSON COMPANY  
 CONSTRUCTION CONTRACTORS  
 SEATTLE, WASHINGTON

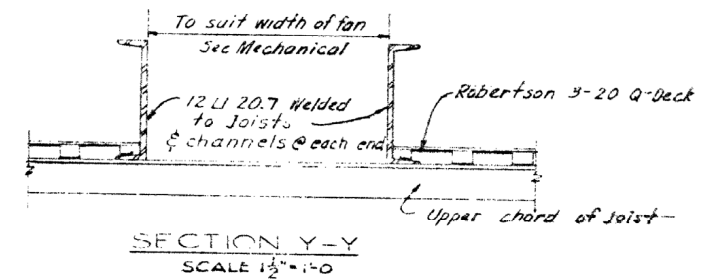
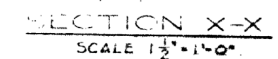
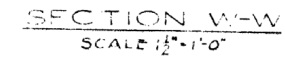
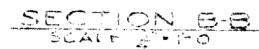
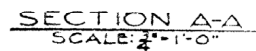
DEPARTMENT OF THE ARMY  
 CORPS OF ENGINEERS  
 OFFICE OF THE RESIDENT ENGINEER  
 ALASKA DISTRICT  
 ELDMENDORF AFB, ALASKA

ELMENDORF AFB, ALASKA  
 A.M. DINING HALL  
 STRUCTURAL  
 SECTIONS & DETAILS

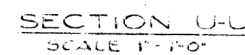
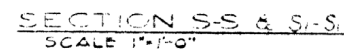
APPROVED:   
 DATE: 9-844

SCALE AS SHOWN  
 DRAWING NUMBER  
 A.F. 36-00-42  
 SHEET 9 OF 24





# Exhibit drawing










[illegible]



Hand-drawn plumbing schematic for a mechanical room. The diagram shows a sump pump (10 gpm @ 25 ft H<sub>2</sub>O) connected to a riser that goes up to the ceiling. A 2-inch F.D. (fire-draw) is shown in the toilet room. A 4-inch C.M. (cast iron) sewer line runs along the wall, with a 5-inch outside pipe. A C.M. manifold is shown with a detail. A rise from the building sewer connection level to the ceiling of the mechanical room is indicated. A 2-inch F.D. is also shown in the toilet room. A 4-inch C.M. sewer line runs along the wall, with a 5-inch outside pipe. A C.M. manifold is shown with a detail. A rise from the building sewer connection level to the ceiling of the mechanical room is indicated.

Hand-drawn structural floor plan of a building. The plan shows a central vertical corridor or shaft. On the left side, there are two large rectangular areas labeled "Slab on grade". On the right side, there is another large rectangular area labeled "Slab on grade". The central vertical element is labeled "S-3" and "S-1" on both sides. At the bottom of the central element, there is a section labeled "D-1" with various annotations including "P-5", "G.T.K. above flr.", "GT above flr.", "ZFD", "U-4", "F-RD", and "Drift See Det.". The drawing is a technical sketch with lines and handwritten labels.

# LEGEND

|   |                              |
|---|------------------------------|
|  | Soil or waste line           |
|  | Steam line - Ops & G         |
|  | High pressure steam          |
|  | Condensate return            |
|  | Cold water                   |
|  | Hot water                    |
|  | Recirculating hot water      |
|  | Roof drain line              |
|  | Fire line                    |
| FHR   | Fire hose rack               |
| FD  | Floor drain with cleanout    |
| AD  | Area drain                   |
| SD  | Shower drain                 |
| CO  | Sewer line clean out         |
| GT  | Grease trap                  |
| HB  | Hose bibb or Hose connection |
| I.D.  | Indirect drain               |

## Exhibit drawing

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

[illegible]



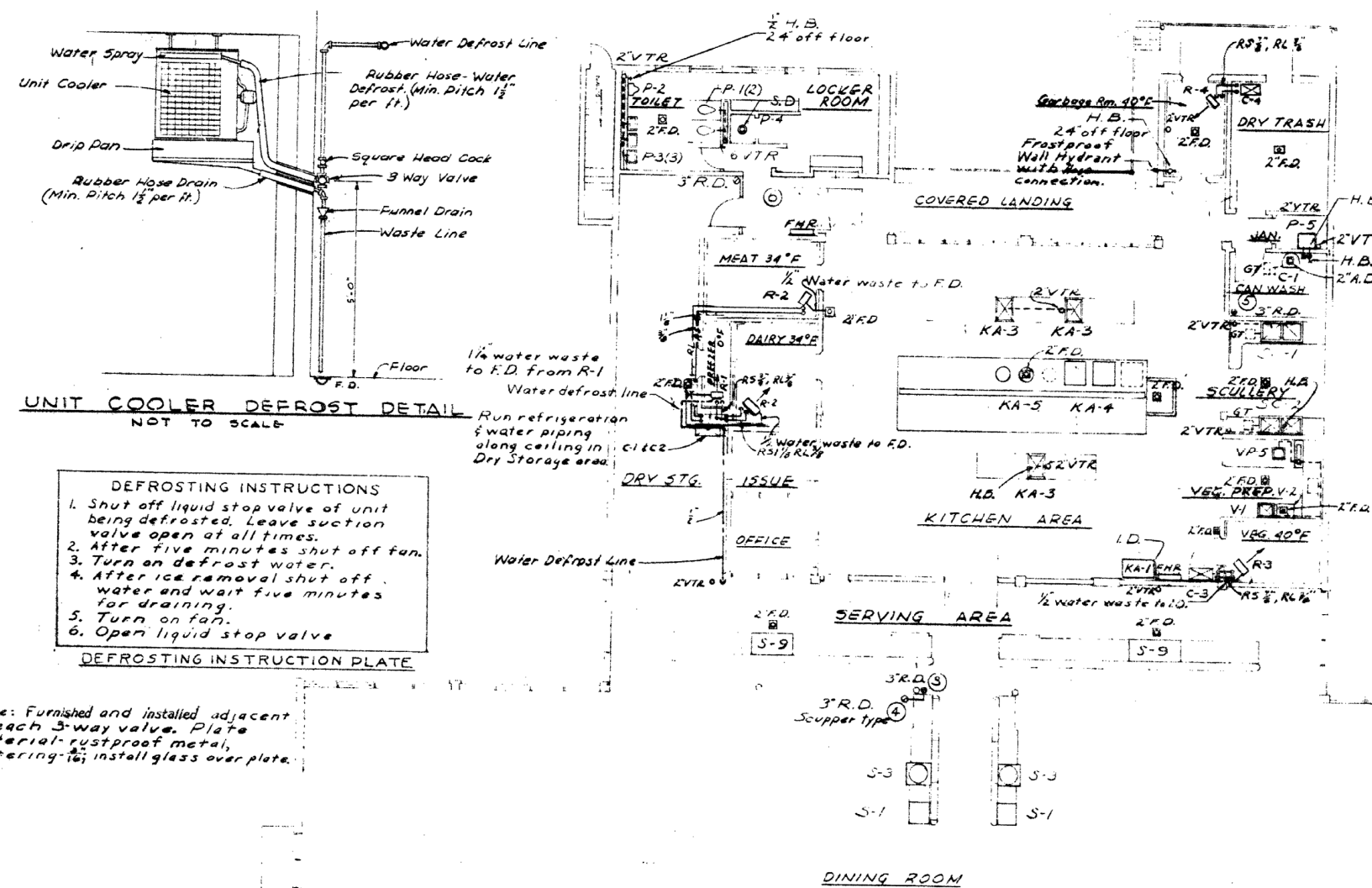
| COMPRESSOR SCHEDULE |           |                             |             |                  |              |        |             |
|---------------------|-----------|-----------------------------|-------------|------------------|--------------|--------|-------------|
| SYMBOL              | NO. REQD. | MINIMUM B.T.U. CAPACITY/HR. | SUCT. TEMP. | AIR ON CONDENSER | MINIMUM L.P. | R.P.M. | VOLTS PHASE |
| C-1                 | 1         | 4,050                       | -10°        | 80°F.            | 1            | 350    | 208-3       |
| C-2                 | 1         | 17,100                      | -24°        | 80°F.            | 2            | 475    | 208-3       |
| C-3                 | 1         | 3,880                       | 30°         | 80°F.            | 3/4          | 450    | 208-3       |
| C-4                 | 1         | 7,280                       | 30°         | 80°F.            | 3/4          | 450    | 208-3       |

| UNIT COOLER SCHEDULE |           |                 |                        |                 |                              |  |  |
|----------------------|-----------|-----------------|------------------------|-----------------|------------------------------|--|--|
| SYMBOL               | NO. REQD. | SPACE CONDITION | B.T.U. RATING 10° F.D. | C.P.M. PER UNIT | FAN H.P. - VOLTAGE AND PHASE |  |  |
| R-1                  | 1         | 0°F.            | 4050                   | 600             | 1/2 - 110 - SINGLE           |  |  |
| R-2                  | 2         | 34°F.           | 8600                   | 1200            | 1/2 - 110 - SINGLE           |  |  |
| R-3                  | 1         | 40°F.           | 5880                   | 653             | 1/2 - 110 - SINGLE           |  |  |
| R-4                  | 1         | 40°F.           | 7280                   | 770             | 1/2 - 110 - SINGLE           |  |  |

Unit R-1 to be water defrost type, all others of air defrost type.

| PLUMBING SCHEDULE |        |      |      |        |        |       |        |
|-------------------|--------|------|------|--------|--------|-------|--------|
| Item              | Symbol | H.W. | C.W. | Waste  | Vent   | Steam | Return |
| Water Closet      | P-1    | -    | 1"   | 4"     | 2"     | -     | -      |
| Urinal            | P-2    | -    | 3/4" | 2"     | 1 1/2" | -     | -      |
| Lavatory          | P-3    | 1/2" | 1/2" | 1 1/2" | 1 1/2" | -     | -      |
| Shower            | P-4    | 1/2" | 1/2" | 2"     | -      | -     | -      |
| Service sink      | P-5    | 1/2" | 1/2" | 3"     | 1 1/2" | -     | -      |
| Dishwasher        | D-1    | 3/4" | -    | 2"     | 1 1/2" | 2"    | 1"     |
| Scullery sink     | SC-1   | 3/4" | 3/4" | 2"     | 1 1/2" | 3/4"  | -      |
| Coffee urn        | S-3    | -    | 1/2" | 1 1/4" | -      | 1/2"  | 1/2"   |
| Sink, kitchen     | KA-3   | 1/2" | 1/2" | 2"     | 1 1/2" | -     | -      |
| Ice machine       | KA-1   | -    | 1/2" | -      | 1 1/4" | -     | -      |
| Steam kettle      | KA-5   | -    | 1/2" | F.D.   | -      | 3/4"  | 1/2"   |
| Steamer           | KA-4   | -    | -    | 1 1/4" | -      | 3/4"  | -      |
| Steam table       | S-9    | -    | 1/2" | 1 1/4" | -      | 1/2"  | 1/2"   |
| Sink, veg. prep.  | VP-5   | 3/4" | 3/4" | 2"     | 1 1/2" | -     | -      |
| Dispenser, water  | S-1    | -    | 1/2" | 1 1/4" | -      | -     | -      |
| Can wash          | C-1    | 1/2" | 1/2" | 2 A.D. | -      | 1"    | -      |
| Pre-wash unit     | P-3    | 1/2" | 1/2" | 2"     | 1 1/2" | -     | -      |
| Table wash sinks  | D-4    | 1/2" | 1/2" | 2"     | 1 1/2" | -     | -      |
| Sink, vegetable   | V-1    | 1/2" | 1/2" | 2"     | 1 1/2" | -     | -      |
| Pre-rinse unit    | D-2    | 1/2" | 1/2" | 2"     | 1 1/2" | -     | -      |
| Veg. Peeling Mach | V-2    | -    | 3/4" | F.D.   | 1 1/4" | -     | -      |

- LEGEND
- F.D. Floor drain with cleanout
  - G.T. Grease trap
  - VTR Vent thru roof
  - FHR Fire hose rack
  - Vent
  - R.D. Roof drain
  - Waste
  - S.D. Shower drain
  - A.D. Area drain
  - H.B. Hose bibb or hose connection
  - I.D. Indirect drain



UNIT COOLER DEFOST DETAIL  
NOT TO SCALE

- DEFROSTING INSTRUCTIONS
1. Shut off liquid stop valve of unit being defrosted. Leave suction valve open at all times.
  2. After five minutes shut off fan.
  3. Turn on defrost water.
  4. After ice removal shut off water and wait five minutes for draining.
  5. Turn on fan.
  6. Open liquid stop valve
- DEFROSTING INSTRUCTION PLATE

Note: Furnished and installed adjacent to each 3-way valve. Plate material: rustproof metal, lettering: 16; install glass over plate.

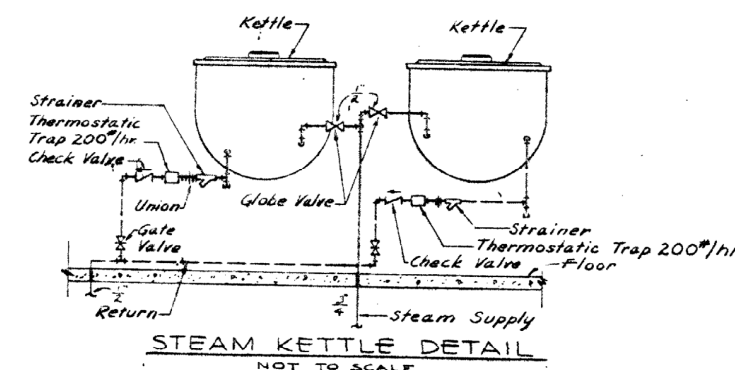
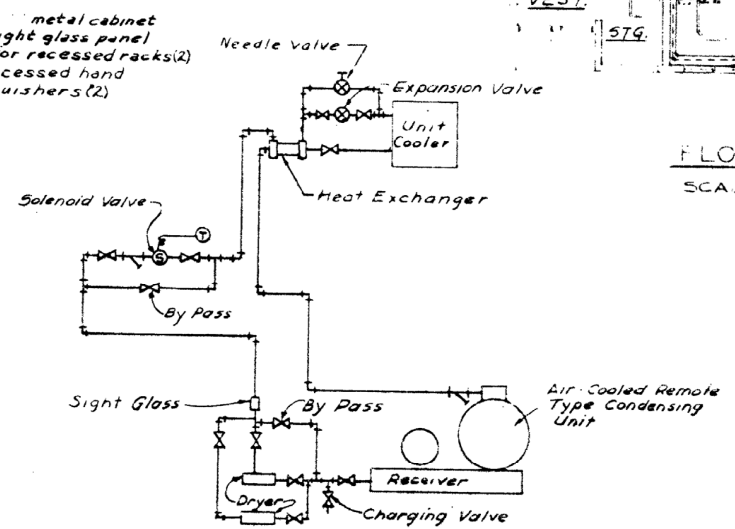
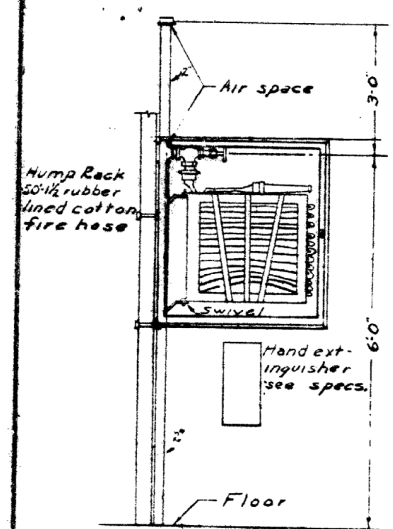
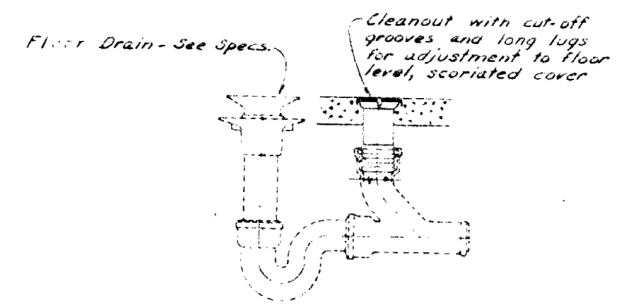


Exhibit drawing

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION



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



|              |                          |                                 |
|--------------|--------------------------|---------------------------------|
| DESIGNED:    | KUNY JOHNSON COMPANY     | DEPARTMENT OF THE ARMY          |
| DRAWN:       | CONSTRUCTION CONTRACTORS | LUNDS OF ENGINEERS              |
| CHECKED:     | WASHINGTON               | OFFICE OF THE RESIDENT ENGINEER |
| SUBMITTED:   |                          | ALASKA DISTRICT                 |
| RECOMMENDED: |                          |                                 |
| APPROVED:    |                          |                                 |

ELMENDORF A.F.B., ALASKA  
A.M. DINING HALL  
MECHANICAL  
PLUMBING PLAN & DETAILS

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

LES No. 83-8

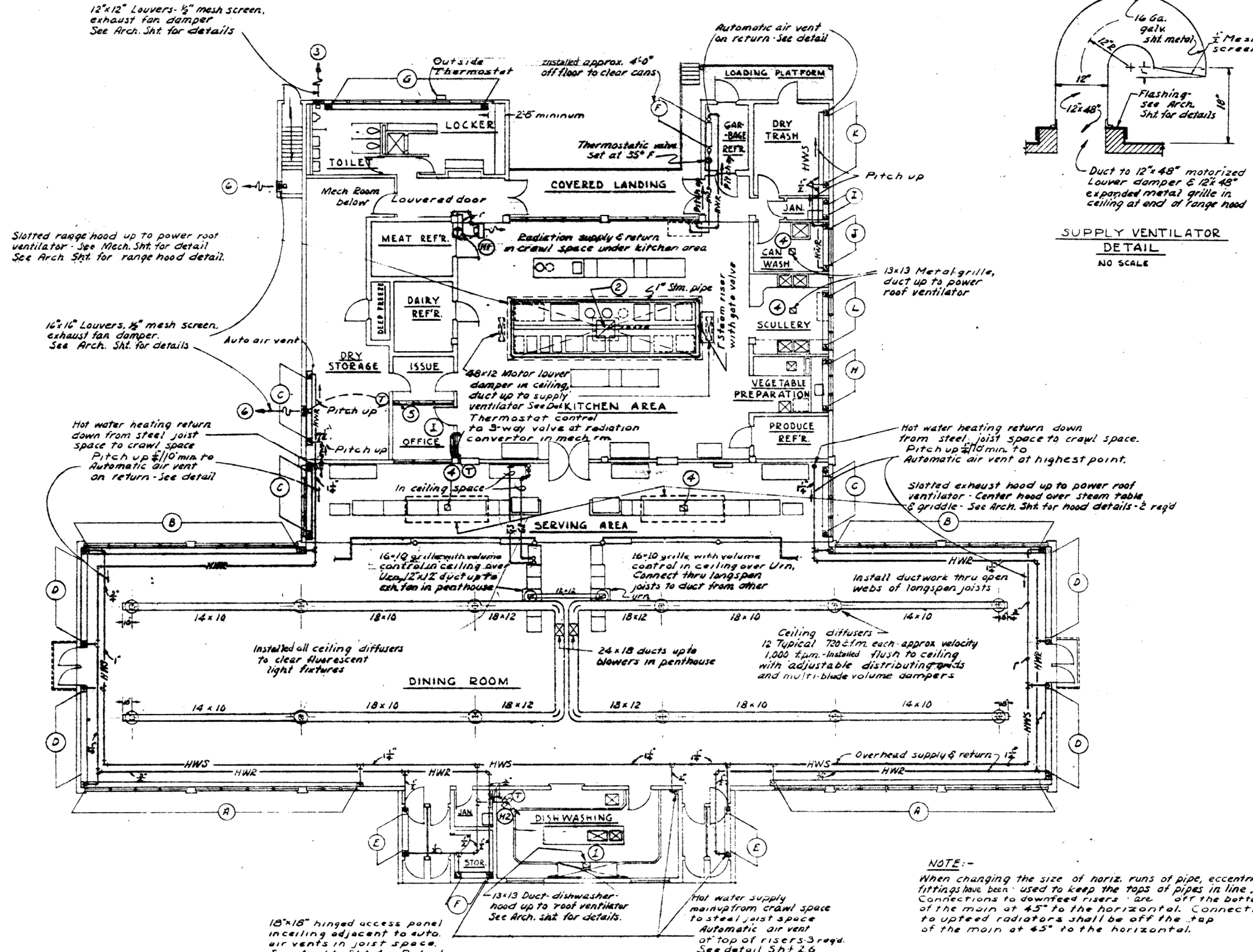












**LEGEND**

—HWS— Hot water supply.  
 —HWR— Hot water return.  
 —GS— Glycol supply.  
 —GR— Glycol return.  
 — Control connection  
 (T) Thermostat

**FINNED PIPE RADIATION SCHEDULE**

| Symbol | No. Req. | Finned Length | No. Radiators | Description       | Approx. Btu/hr. @ 20° diff. | Remarks      |
|--------|----------|---------------|---------------|-------------------|-----------------------------|--------------|
| ①      | 2        | 44'           | 1             | 1 1/2 IPS 4" - 32 | 49,720                      | 1" Down feed |
| ②      | 2        | 34'           | 1             | 1 1/2 IPS 4" - 32 | 38,420                      | 2" Down feed |
| ③      | 3        | 10'           | 1             | 1 1/2 IPS 4" - 32 | 11,300                      | 2" Up feed   |
| ④      | 4        | 14'           | 1             | 1 1/2 IPS 4" - 32 | 10,640                      | 2" Down feed |
| ⑤      | 2        | 6'            | 3             |                   | 9,740                       | 2" Down up   |
| ⑥      | 2        | 4'            | 1             |                   | 3,040                       | 1" Down feed |
| ⑦      | 1        | 25'           | 1             |                   | 19,000                      | 2" Up feed   |
| ⑧      | 1        | 8'            | 1             |                   | 6,000                       | 2" Up feed   |
| ⑨      | 2        | 2'            | 1             |                   | 1,520                       | Up feed      |
| ⑩      | 1        | 6'            | 1             |                   | 4,560                       | Up feed      |
| ⑪      | 1        | 11'           | 1             |                   | 8,360                       | Up feed      |
| ⑫      | 1        | 7'            | 1             | 1 1/2 IPS 4" - 32 | 7,910                       | 1" Up feed   |

Except where noted, radiation to be in louvred sloping top enclosure.

**UNIT HEATER SCHEDULE**

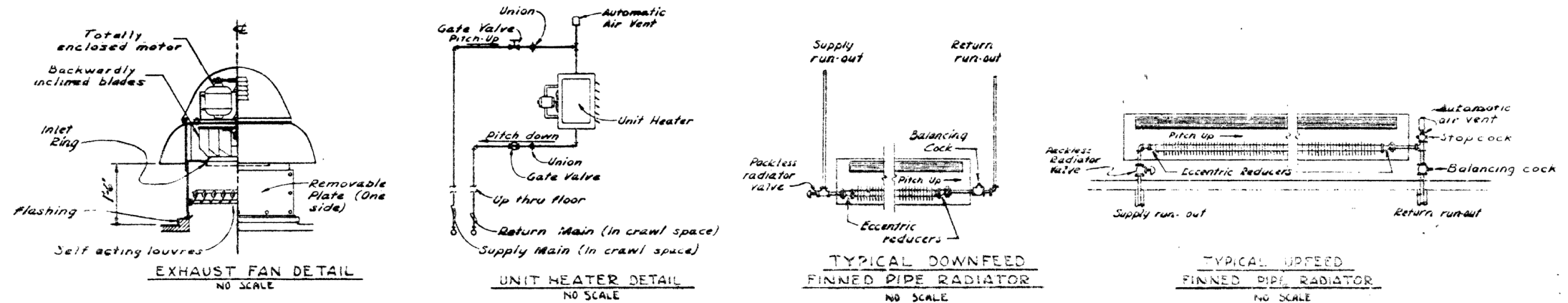
| Symbol | No. Req. | Type   | CFM       | RPM       | H.P. | Approx. Btu/hr. @ 20° diff. | Remarks       |
|--------|----------|--------|-----------|-----------|------|-----------------------------|---------------|
| ①      | 1        | Horiz. | 1000 min. | 840 max.  | 1/2  | 36,000                      | 2 speed motor |
| ②      | 1        | Horiz. | 300 min.  | 1200 max. | 1/2  | 12,000                      | 2 speed motor |

**EXHAUST FAN SCHEDULE**

| Symbol | No. Req. | Type               | CFM          | Approx. H.P. | Remarks   |
|--------|----------|--------------------|--------------|--------------|---|
| ①      | 1        | Centrifugal        | 1350 @ 1/2"  | 1/2 @ 1725   | Manual Switch - 2 Speed Motor                                   |
| ②      | 1        | Centrifugal        | 6000 @ 1/2"  | 1/2 @ 1740   | Manual Switch - 2 Speed Motor See Specs.                        |
| ③      | 2        | Dir. dr. Propeller | 650 @ 1/2"   | 1/2 @ 1550   | Toilet Fan On-Off by light switch. Urn Exhaust by Manual Switch |
| ④      | 4        | Centrifugal        | 550 @ 1/2"   | 1/2 @ 1725   | Manual Switches - 2 Speed Motors                                |
| ⑤      | 1        | Dir. dr. Propeller | 400 @ 1/2"   | 1/2 @ 1550   | Manual Switch See Archt. Sht. for wall section                  |
| ⑥      | 2        | Dir. dr. Propeller | 1,000 @ 1/2" | 1/2 @ 1,500  | Mech. Rm. by Thermostat. Dry Storage by Thermostat              |

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

Exhibit drawing

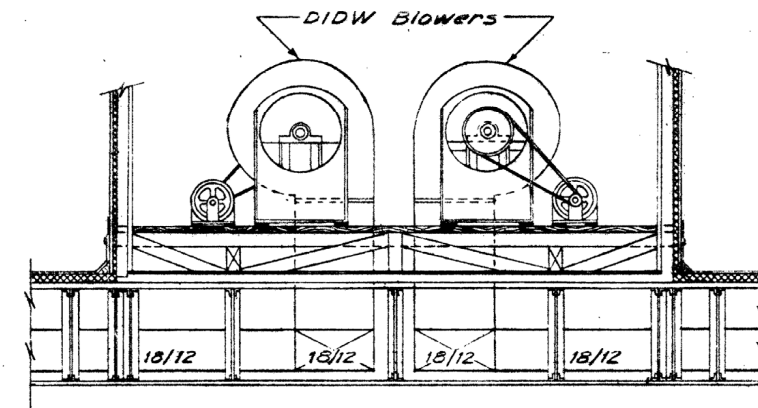
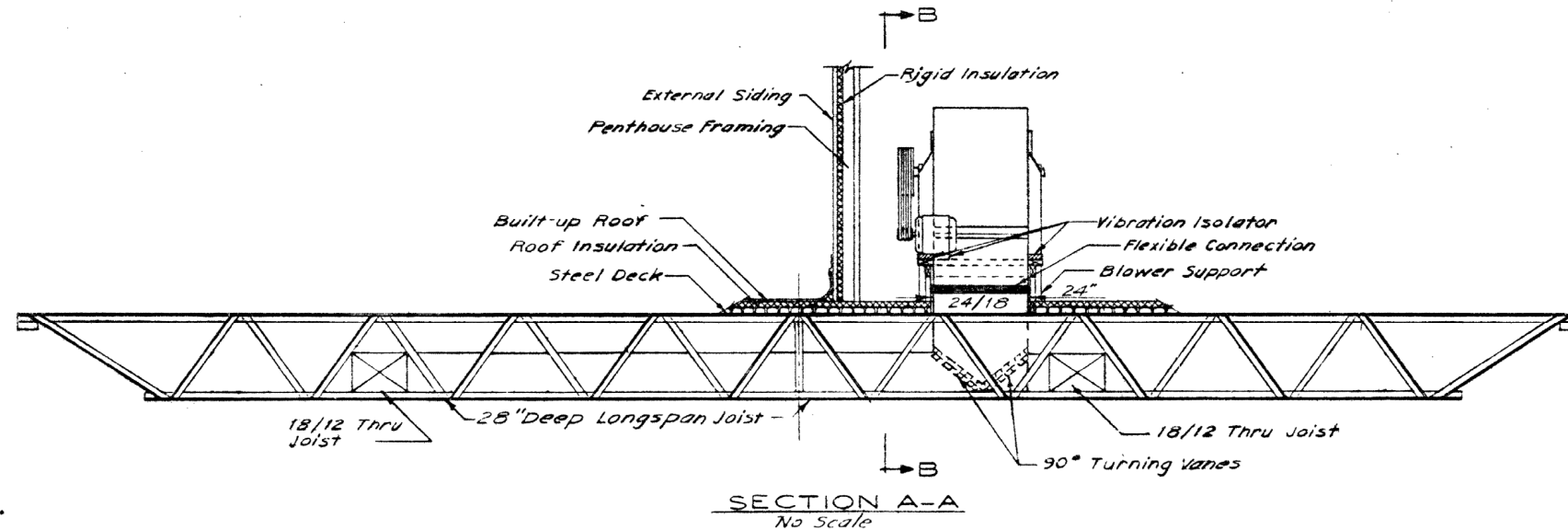


1-886

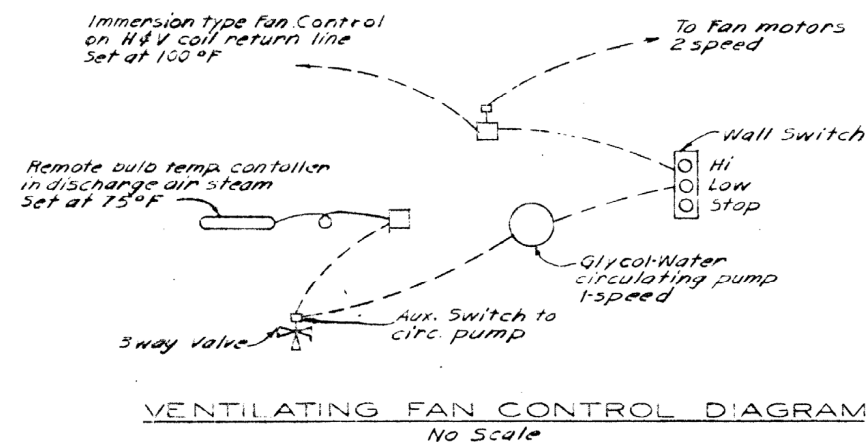
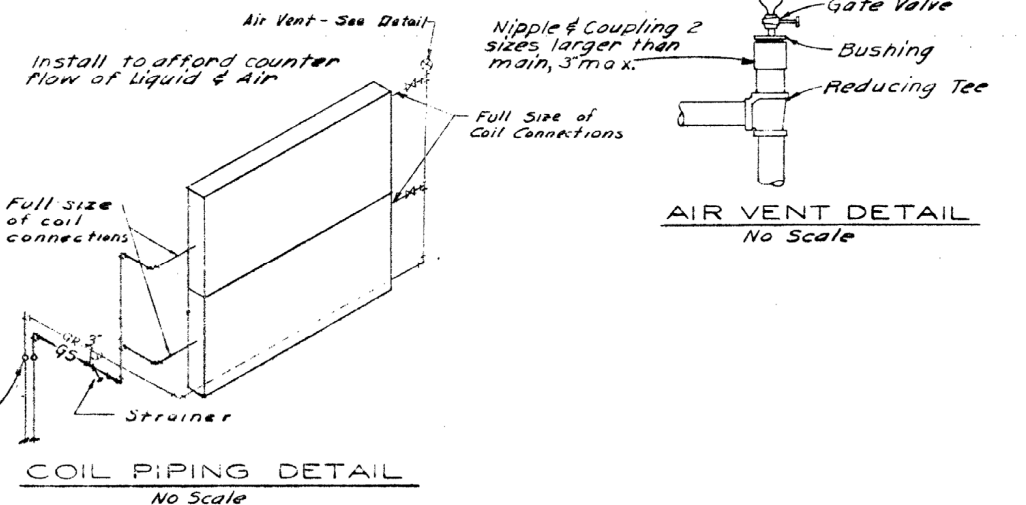
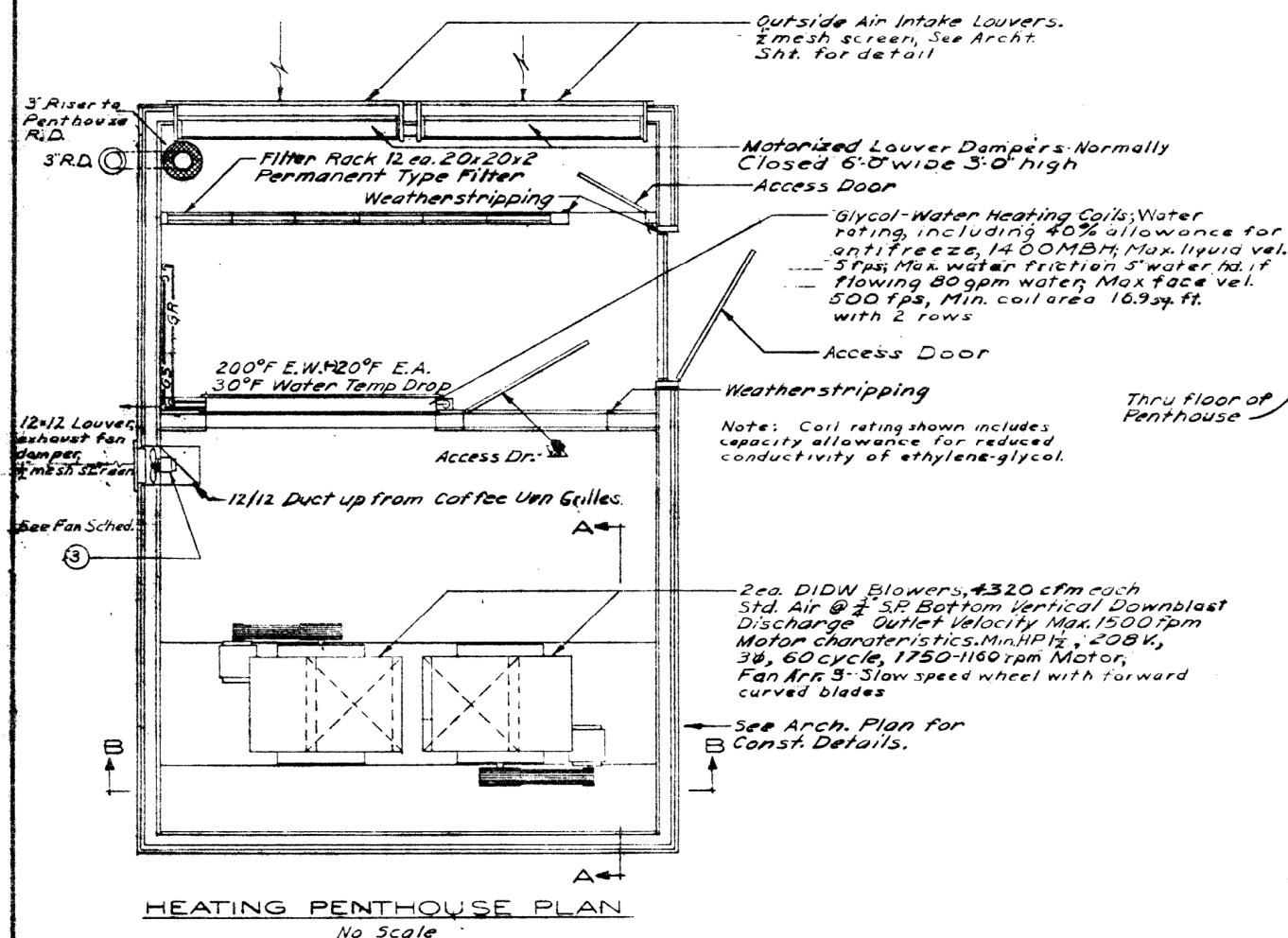
|          |                            |                  |             |
|----------|----------------------------|------------------|-------------|
| DESIGNED | KUNY JOHNSON COMPANY       | CONTRACTORS      | WASHINGTON  |
| DRAWN    | ELMENDORF A.F.B., ALASKA   | A.M. DINING HALL | MECHANICAL  |
| CHECKED  | HEATING & VENTILATING PLAN |                  |             |
| APPROVED | 1-836                      | 9-899            | AF 36-08-42 |

FILE NO. 8-3-5





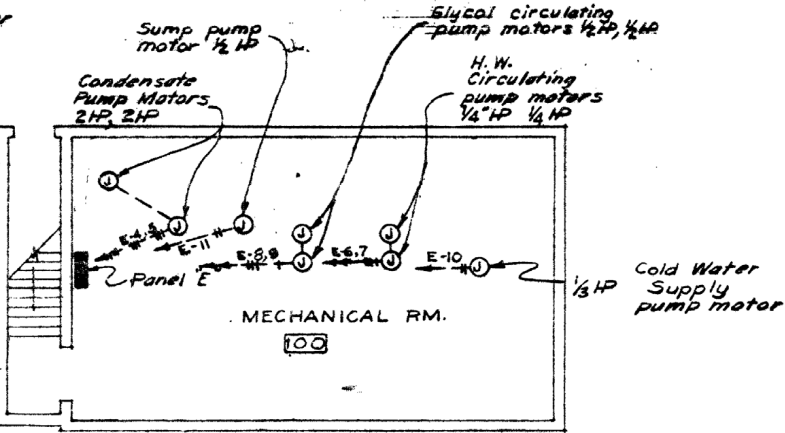
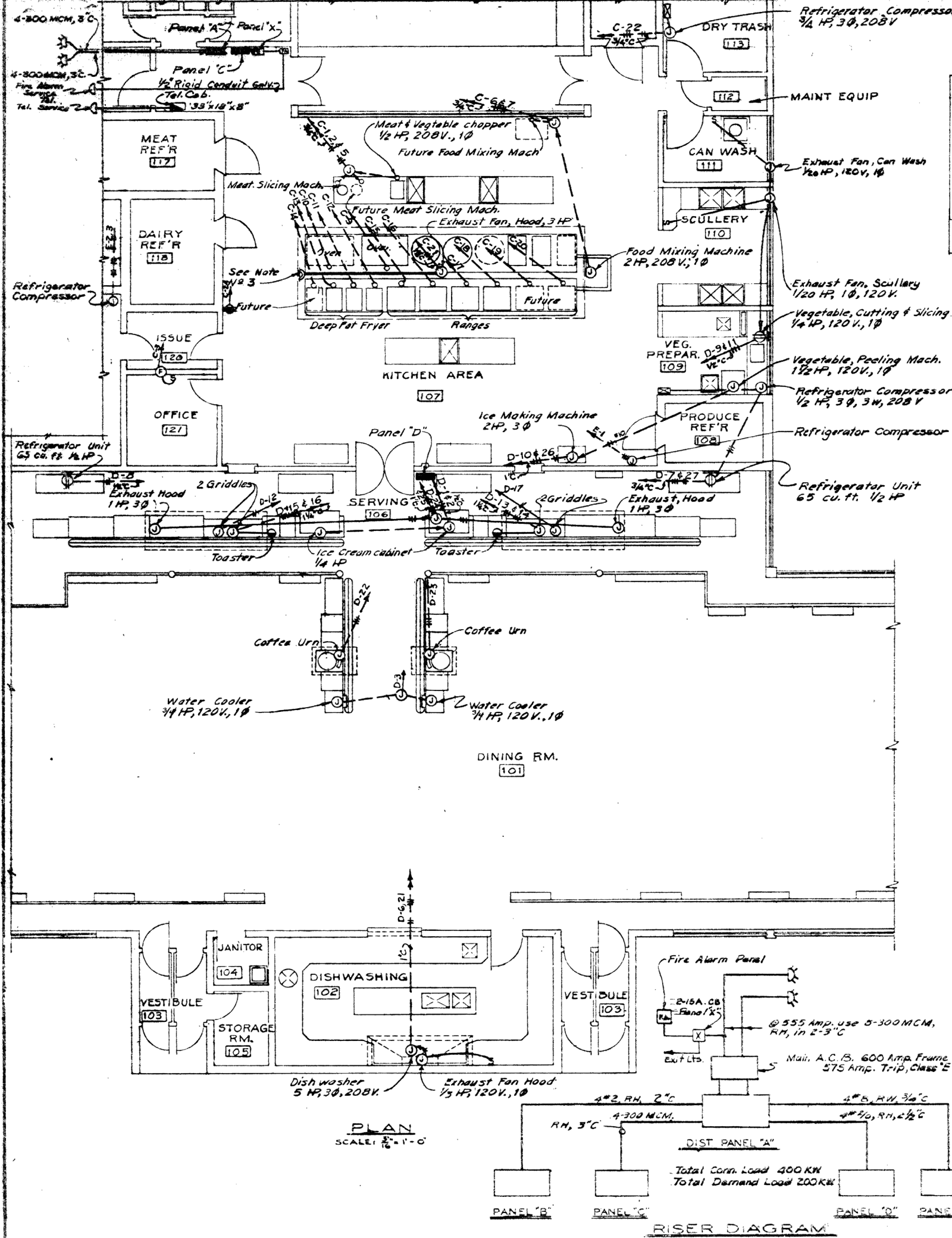
## Exhibit drawing



THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

[illegible]





**PANEL "A" SCHEDULE**  
TYPE: Circuit Breaker, 120/208 Volt, 3Ø, 4 Wire  
MAINS: 600 Amp., 2-300 MCM Lugs Per Phase

| CIRCUIT NO. | POLES | BREAKER FRAME | TRIP | WIRE NO. | WIRE SIZE | REMARKS           |
|-------------|-------|---------------|------|----------|-----------|-------------------|
| 1           | 3     | 100           | 100  | 4        | 2         | 31.3 KW PANEL "B" |
| 2           | 3     | 400           | 300  | 4        | 300       | 100KW PANEL "C"   |
| 3           | 3     | 225           | 175  | 4        | 20        | 56.6 KW PANEL "D" |
| 4           | 3     | 100           | 70   | 3        | 8         | 82.6 KW PANEL "E" |
| 5           | 3     | 100           | 100  | -        | -         | Spare             |
| 6           | 3     | 100           | 70   | -        | -         | Spare             |

**PANEL "C" SCHEDULE**  
TYPE: Circuit Breaker, 120/208 Volt, 3Ø, 4 Wire  
MAINS: 400 Amp., 300MCM LUGS Per Phase

| CIRCUIT NO. | POLES | BREAKER FRAME | TRIP | WIRE NO. | WIRE SIZE | REMARKS                            |
|-------------|-------|---------------|------|----------|-----------|------------------------------------|
| 1           | 1     | 50            | 15   | 2        | 12        | 1/2 HP Meat Slicing Machine        |
| 2           | 1     | 50            | 15   | 2        | 12        | 1/2 HP (Future) Meat Slicing Mach. |
| 3           | 1     | 50            | 15   | 2        | 12        | 1/2 HP Exhaust Fan - Office        |
| 4           | 1     | 50            | 15   | -        | -         | Spare                              |
| 5           | 2     | 50            | 15   | 2        | 12        | 1/2 HP Meat & Vegetable chopper    |
| 6           | 2     | 50            | 40   | 2        | 12        | 2HP Food Mixing Machine            |
| 7           | 2     | 50            | 15   | 2        | 12        | 1/2 HP (Future) Food Mixing Mach.  |
| 8           | 2     | 50            | 15   | -        | -         | Spare                              |
| 9           | 2     | 100           | 70   | 3        | 4         | 12 KW Oven                         |
| 10          | 2     | 100           | 70   | 3        | 4         | 12 KW (Future) Oven                |
| 11          | 3     | 100           | 70   | 3        | 6         | 18KW Deep Fat Fryer                |
| 12          | 3     | 100           | 70   | 3        | 6         | 18KW Deep Fat Fryer                |
| 13          | 3     | 100           | 70   | 3        | 6         | 18KW Deep Fat Fryer                |
| 14          | 3     | 100           | 70   | 3        | 6         | 18KW (Future) Deep Fat Fryer       |
| 15          | 3     | 100           | 70   | 4        | 4         | 21KW Range No.1                    |
| 16          | 3     | 100           | 70   | 4        | 4         | 21KW Range No.2                    |
| 17          | 3     | 100           | 70   | 4        | 4         | 21KW Range No.3                    |
| 18          | 3     | 100           | 70   | 4        | 4         | 21KW Range No.4                    |
| 19          | 3     | 100           | 70   | 4        | 4         | 21KW (Future) Range No.5           |
| 20          | 3     | 100           | 70   | 4        | 4         | 21KW (Future) Range No.6           |
| 21          | 3     | 50            | 20   | 3        | 12        | 3 HP Exhaust, Kitchen Hood         |
| 22          | 3     | 50            | 15   | 3        | 12        | 1/4 HP Compressor Refrigerator     |
| 23          | 3     | 100           | 70   | -        | -         | Spare                              |
| 24          | 3     | 50            | 20   | -        | -         | Receptacle                         |

**PANEL "E" SCHEDULE**  
TYPE: Circuit Breakers 120/208 Volt, 3Ø, 4 Wire  
MAINS: 50 Amp., 8 Lugs Per Phase

| CIRCUIT NO. | POLES | BREAKER FRAME | TRIP | WIRE NO. | WIRE SIZE | REMARKS                        |
|-------------|-------|---------------|------|----------|-----------|--------------------------------|
| 1           | 3     | 50            | 15   | 3        | 12        | 1/4 HP Compressor Refrigerator |
| 2           | 3     | 50            | 15   | 3        | 12        | 1 HP Compressor Refrigerator   |
| 3           | 3     | 50            | 15   | 3        | 12        | 2 HP Compressor Refrigerator   |
| 4           | 3     | 50            | 15   | 3        | 12        | 2 HP Condensate Pump           |
| 5           | 3     | 50            | 15   | 3        | 12        | 2 HP Condensate Pump           |
| 6           | 2     | 50            | 15   | 3        | 12        | 1/4 HP H.W. Circulating Pump   |
| 7           | 2     | 50            | 15   | 3        | 12        | 1/4 HP H.W. Circulating Pump   |
| 8           | 2     | 50            | 15   | 3        | 12        | 1/4 HP Glycol Circulating Pump |
| 9           | 2     | 50            | 15   | 3        | 12        | 1/4 HP Glycol Circulating Pump |
| 10          | 2     | 50            | 15   | 3        | 12        | 1/4 HP H.W. Circulating Pump   |
| 11          | 2     | 50            | 15   | -        | -         | 1/2 HP Sump pump               |
| 12-18       | 3     | 50            | 15   | -        | -         | Spares                         |

**PANEL "D" SCHEDULE**  
TYPE: Circuit Breakers 120/208 Volt, 3Ø, 4 Wire  
MAINS: 225 Amp., 2/0 Lugs Per Phase

| CIRCUIT NO. | POLES | BREAKER FRAME | TRIP | WIRE NO. | WIRE SIZE | REMARKS                                |
|-------------|-------|---------------|------|----------|-----------|--|
| 1           | 1     | 50            | 15   | 2        | 12        | 1/4 HP Ice Cream Cabinet               |
| 2           | 1     | 50            | 15   | 2        | 12        | 1/4 HP Ice Cream Cabinet               |
| 3           | 1     | 50            | 15   | 2        | 12        | 1/4 HP Water Cooler (#1)               |
| 4           | 1     | 50            | 15   | -        | -         | Spare                                  |
| 5           | 1     | 50            | 15   | 2        | 12        | 1/2 HP Exhaust, Hood, Urn              |
| 6           | 1     | 50            | 15   | 2        | 12        | 1/2 HP Exhaust, Hood, Dishwasher       |
| 7           | 1     | 50            | 20   | 2        | 12        | 1/2 HP Refrigerator 65 cu. ft.         |
| 8           | 1     | 50            | 20   | 2        | 12        | 1/2 HP Refrigerator 65 cu. ft.         |
| 9           | 1     | 50            | 15   | 2        | 12        | 1/2 HP Meat Cutting & Slicing Mach.    |
| 10          | 1     | 50            | 30   | 2        | 10        | 1 HP Vegetable Peeling Mach.           |
| 11          | 1     | 50            | 15   | 2        | 12        | 1/2 HP Exhaust Fan, Can Wash, Scullery |
| 12          | 2     | 50            | 50   | 3        | 6         | 8.6 KW Griddle                         |
| 13          | 2     | 50            | 20   | 3        | 12        | 3.6 KW Toaster                         |
| 14          | 2     | 50            | 50   | 3        | 6         | 8.6 KW Griddle                         |
| 15          | 2     | 50            | 20   | 3        | 12        | 3.6 KW Toaster                         |
| 16          | 2     | 50            | 50   | 3        | 6         | 8.6 KW Griddle                         |
| 17          | 2     | 50            | 50   | 3        | 6         | 8.6 KW Griddle                         |
| 18          | 2     | 50            | 30   | -        | -         | Spare                                  |
| 19          | 3     | 50            | 15   | 9        | 12        | 2HP Heating & Ventilating Unit         |
| 20          | 3     | 50            | 15   | 3        | 12        | 2HP Heating & Ventilating Unit         |
| 21          | 3     | 50            | 50   | 3        | 10        | 5HP Dishwasher                         |
| 22          | 3     | 50            | 40   | 3        | 8         | 13.5 KW Coffee Urn                     |
| 23          | 3     | 50            | 40   | 3        | 8         | 13.5 KW Coffee Urn                     |
| 24          | 3     | 50            | 15   | 3        | 12        | 1HP Exhaust, Hood, Griddle             |
| 25          | 3     | 50            | 15   | 3        | 12        | 1HP Exhaust, Hood, Griddle             |
| 26          | 3     | 50            | 15   | 3        | 12        | 2-1/2 HP Ice Making Machine            |
| 27          | 3     | 50            | 15   | 3        | 12        | 1/2 HP Compressor Refrig. Produce      |
| 28          | 3     | 50            | 50   | -        | -         | Spare                                  |
| 29          | 3     | 50            | 30   | -        | -         | Spare                                  |
| 30          | 3     | 50            | 15   | 2        | 12        | 3/4 HP Water Cooler (#2)               |

- GENERAL NOTES**
- Where future equipment is indicated on drawing conduit and wires installed, the ends of wires are capped and taped within indicated junction box.
  - All conduit and junction boxes shown in floor runs exposed below floor.
  - Push button shown for hood exhaust also controls heating and ventilating unit by using a multiple contact pushbutton - See Mechanical drawings for sequence of operation.
  - E.M.T. not be used in concrete or where exposed to mechanical damage (Rigid only).
  - For Power Circuits in Penthouse-see Sheet 28.

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

**Exhibit drawing**

DESIGNED: KUNLEY JOHNSON COMPANY  
CONSTRUCTION CONTRACTORS  
SEATTLE WASHINGTON

DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS  
OFFICE OF THE RESIDENT ENGINEER  
ALASKA DISTRICT  
ELMENDORF AFB, ALASKA

ELMENDORF AFB, ALASKA  
1 A.M. DINING HALL  
ELECTRICAL  
POWER PLAN

DATE: 1-836  
9-849

SCALE: AS SHOWN (SPEC NO.)  
DRAWING NUMBER: A.F. 38-05-42  
SHEET 27 OF 28



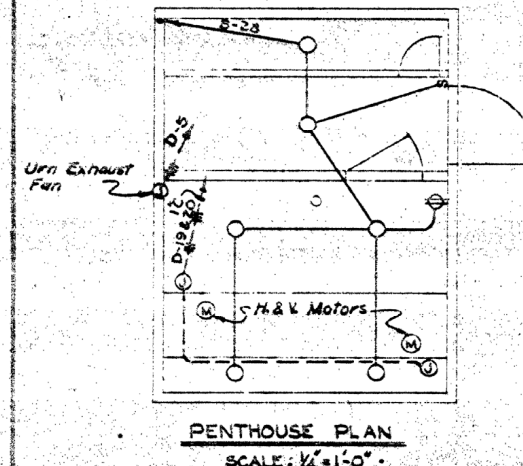
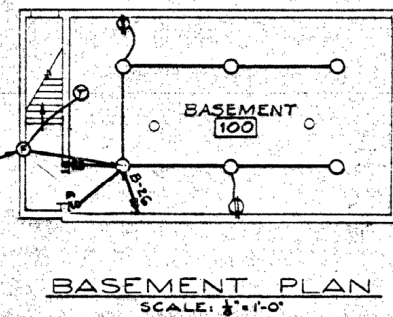
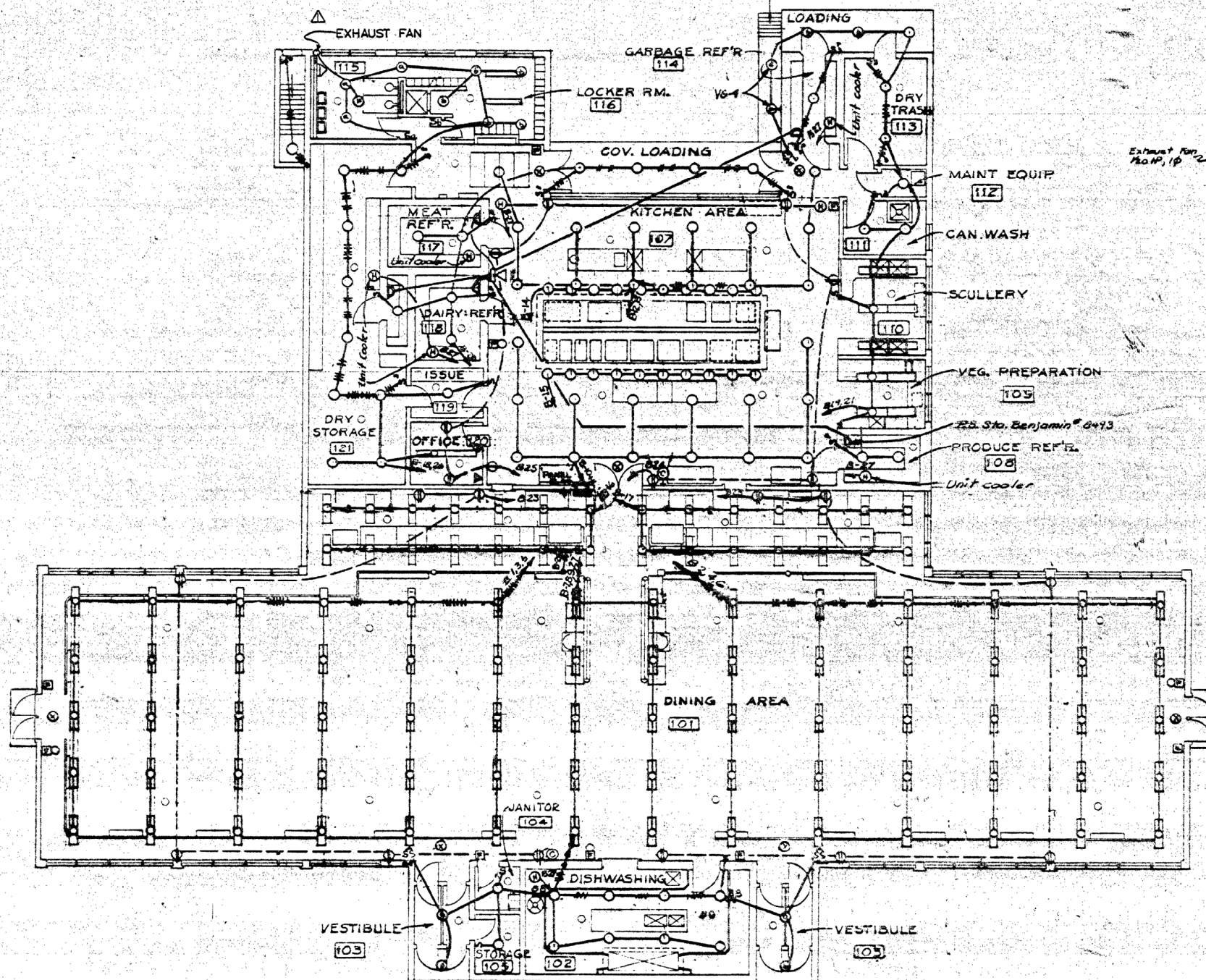
| FIXTURE SCHEDULE |                  |              |            |                |                 |                        |                        |  |  |
|------------------|------------------|--------------|------------|----------------|-----------------|------------------------|------------------------|--|--|
| ROOM NO.         | ROOM DESCRIPTION | FIXTURE TYPE | LAMP WATTS | CEILING HEIGHT | MOUNTING HEIGHT | CALCULATED FT. CANDLES | REMARKS                |  |  |
| 100              | Basement         | I-3          | 200        | 10             | Ceiling         | 5                      |                        |  |  |
| 101              | Dining Rm.       | F-24         | 2/40       | 12             | Flush           | 14.5                   |                        |  |  |
| 102              | Dishwashing      | VG-2         | 200        | 10             | Ceiling         | 20                     |                        |  |  |
| 103              | Vestibule        | FL-1B        | 150        | 10             | Flush           | —                      |                        |  |  |
| 104              | Janitor          | LR           | 150        | 10             | Ceiling         | —                      |                        |  |  |
| 105              | Store Rm.        | EC-1         | 150        | 10             | Ceiling         | —                      |                        |  |  |
| 106              | Serving          | F-24         | 2/40       | 10             | Flush           | 23                     |                        |  |  |
| 107              | Kitchen          | —            | 300        | 12             | Ceiling         | 29                     | Benjamin Cat. No. 8413 |  |  |
| 108              | Kitchen Hood     | VG           | 100        | —              | Hood            | —                      | See Arch.              |  |  |
| 109              | Refrig. Produce  | VG           | 200        | 8              | Ceiling         | —                      |                        |  |  |
| 110              | Veg. Preparation | F-25         | 2/40       | 10             | Flush           | 38                     |                        |  |  |
| 111              | Scullery         | F-25         | 2/40       | 10             | Flush           | 42                     |                        |  |  |
| 112              | Can Wash         | VG-2         | 150        | 10             | Ceiling         | —                      |                        |  |  |
| 113              | Maint. Equip.    | EC-1         | 100        | 10             | Ceiling         | —                      |                        |  |  |
| 114              | Dry Trash        | I-1          | 100        | 10             | Ceiling         | —                      |                        |  |  |
| 115              | Refrig. Garbage  | VG-2         | 200        | 8              | Ceiling         | 15                     |                        |  |  |
| 116              | Toilet           | EC-1/R-2     | 150/40     | 10/6.5         | Ceiling/Wall    | —                      |                        |  |  |
| 117              | Locker Rm.       | EC-1         | 150        | 10             | Ceiling         | —                      |                        |  |  |
| 118              | Refrig. Meat     | VG-2         | 200        | 8              | Ceiling         | 18                     |                        |  |  |
| 119              | Refrig. Dairy    | VG-2         | 200        | 8              | Ceiling         | 17                     |                        |  |  |
| 120              | Issue            | EC-1         | 150        | 10             | Ceiling         | —                      |                        |  |  |
| 121              | Office           | F-25         | 2/40       | 10             | Flush           | 33                     |                        |  |  |
| 122              | Dry Storage      | EC-2         | 200        | 10             | Ceiling         | 16                     |                        |  |  |
| 123              | Covered Loading  | I-2          | 150        | 10             | Ceiling         | —                      |                        |  |  |
| 124              | Loading          | VG-4         | 150        | —              | Wall up 8'      | —                      |                        |  |  |
| 125              | Deep Freeze      | VG-2         | 150        | 8              | Ceiling         | —                      |                        |  |  |
| 125-G            | Penthouse        | VG-1         | 100        | 5'-6"          | Ceiling         | —                      |                        |  |  |
| 125-G            | Corridor         | EC-2         | 200        | 10             | Ceiling         | —                      |                        |  |  |
| 125-G            | Exit             | X-3          | —          | —              | —               | —                      |                        |  |  |

NOTE: The use of Mfg. Cat. Nos. does not preclude the use of their approved equals.

LEGEND  
 O FIRE ALARM DETECTOR STATION

Exhibit drawing

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION



| PANEL "B" SCHEDULE                              |               |       |      |          |           |  |  |  |  |
|---|---------------|-------|------|----------|-----------|--|--|--|--|
| TYPE: Circuit Breakers 120/208 Volt, 30, 4 Wire |               |       |      |          |           |  |  |  |  |
| MAINS: 100 Amp, 3 Lugs Per Phase                |               |       |      |          |           |  |  |  |  |
| CIRCUIT NO.                                     | BREAKER POLES | FRAME | TRIP | WIRE NO. | WIRE SIZE | REMARKS  |  |  |  |
| 1-7   | 1             | 50    | 20   | 2        | 12        | 12.6 KW Dining Rm. Lts.                                    |  |  |  |
| 8   | 1             | 50    | 20   | 2        | 12        | 0.9 KW Vestibule Lts.                                      |  |  |  |
| 9   | 1             | 50    | 20   | 2        | 10        | 1.6 KW Dishwashing Lts.                                    |  |  |  |
| 10-13   | 1             | 50    | 30   | 2        | 12        | 8.4 KW Kitchen Area Lts.                                   |  |  |  |
| 14-15   | 1             | 50    | 20   | 2        | 12        | 2 KW Kitchen Hood Lts.                                     |  |  |  |
| 16-17   | 1             | 50    | 20   | 2        | 12        | 2.8 KW Serving Lts.  |  |  |  |
| 18  | 1             | 50    | 30   | 2        | 10        | 1.77 KW Toilet & Locker Lts.                               |  |  |  |
| 19  | 1             | 50    | 30   | 2        | 10        | 2.05 KW Dry Storage, Issue & Office Lts.                   |  |  |  |
| 20  | 1             | 50    | 20   | 2        | 12        | 1.55 KW Can Loading, Meat, Dairy, & Deep Refrig. Lts.      |  |  |  |
| 21  | 1             | 50    | 20   | 2        | 12        | 1.15 KW Loading, Dry Trash, Garbage Refrig. Lts.           |  |  |  |
| 22  | 1             | 50    | 20   | 2        | 12        | 1.3 KW Can Wash, Scullery, Veg. Prep. & Prod. Refrig. Lts. |  |  |  |
| 23  | 1             | 50    | 20   | 2        | 12        | 0.4 KW Receptacles - Dining Rm.                            |  |  |  |
| 24  | 1             | 50    | 20   | 2        | 12        | 0.4 KW Receptacles - Kitchen                               |  |  |  |
| 25  | 1             | 50    | 20   | 2        | 12        | 0.4 KW Receptacles - Kitchen                               |  |  |  |
| 26  | 1             | 50    | 20   | 2        | 12        | 1.2 KW Basement Lts.                                       |  |  |  |
| 27  | 1             | 50    | 15   | 2        | 12        | 2-1/2 HP Unit Heaters & 5 Unit coolers                     |  |  |  |
| 28  | 1             | 50    | 20   | 2        | 12        | Penthouse Lts.   |  |  |  |
| 29 & 30   | 1             | 50    | 30   | —        | —         | Spares   |  |  |  |

INSTALL EXHAUST FAN MENS LAT.

KUNCEY JOHNSON COMPANY  
 CONSTRUCTION CONTRACTORS  
 SEATTLE WASHINGTON

DEPARTMENT OF THE ARMY  
 CORPS OF ENGINEERS  
 OFFICE OF THE RESIDENT ENGINEER  
 ALASKA DISTRICT  
 ELDMENDORF AFB, ALASKA

ELDMENDORF AFB, ALASKA  
 A.M. DINING HALL  
 ELECTRICAL  
 LIGHTING PLAN

1-836 AB

FILE NO. 8-3-2