



US Army Corps
of Engineers
Savannah District

Robins AFB Georgia

Solicitation Number

DACA21-03-R-0025

Corrosion Control De-paint (FY03, UHHZ003014) and
Paint (FY04, UHHZ003011) Facilities

Volume III of III - Appendices I through I

May 2003

PHASE TWO OF TWO PHASE DESIGN/BUILD SUBMITTAL PROCEDURE

THIS SOLICITATION IS UNRESTRICTED PURSUANT TO THE
"BUSINESS OPPORTUNITY DEVELOPMENT REFORM ACT OF 1988"
(PUBLIC LAW 100-656)

U.S. ARMY ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
100 WEST OGLETHORPE AVENUE
SAVANNAH, GEORGIA 31401-3640

(Revised by Amendment No. 0004)

APPENDIX I

ENVIRONMENTAL AND ABATEMENT
INFORMATION

**ASBESTOS INVESTIGATION OF
BUILDINGS 51, 53, 55, 56, AND 60**

The following buildings do not have asbestos containing material:

51

53

60

Building 56 has been cleaned of all asbestos with the exception of hidden in the walls where the HVAC ductwork penetrates. [Interpretation: no asbestos for RFP purposes. Unforeseen asbestos will need to be treated as a differing site condition.](#)

Building 55 boiler room has been cleaned of asbestos to include the boiler its self. The cloth vibration dampers are still in tact on HVAC ductwork (non-friable). [Interpretation: maximum of 2 non-friable pieces at approximately 10' x 6 inches.](#)

For these two buildings I would suggest that a clause be incorporated in the demolition proposal to include removing the asbestos, if you come across it.

If you have any questions please feel free to call or e-mail me.

Brenda K. Holland
Asbestos Operations Officer
78 CES/CEAV
31 Jan 2003

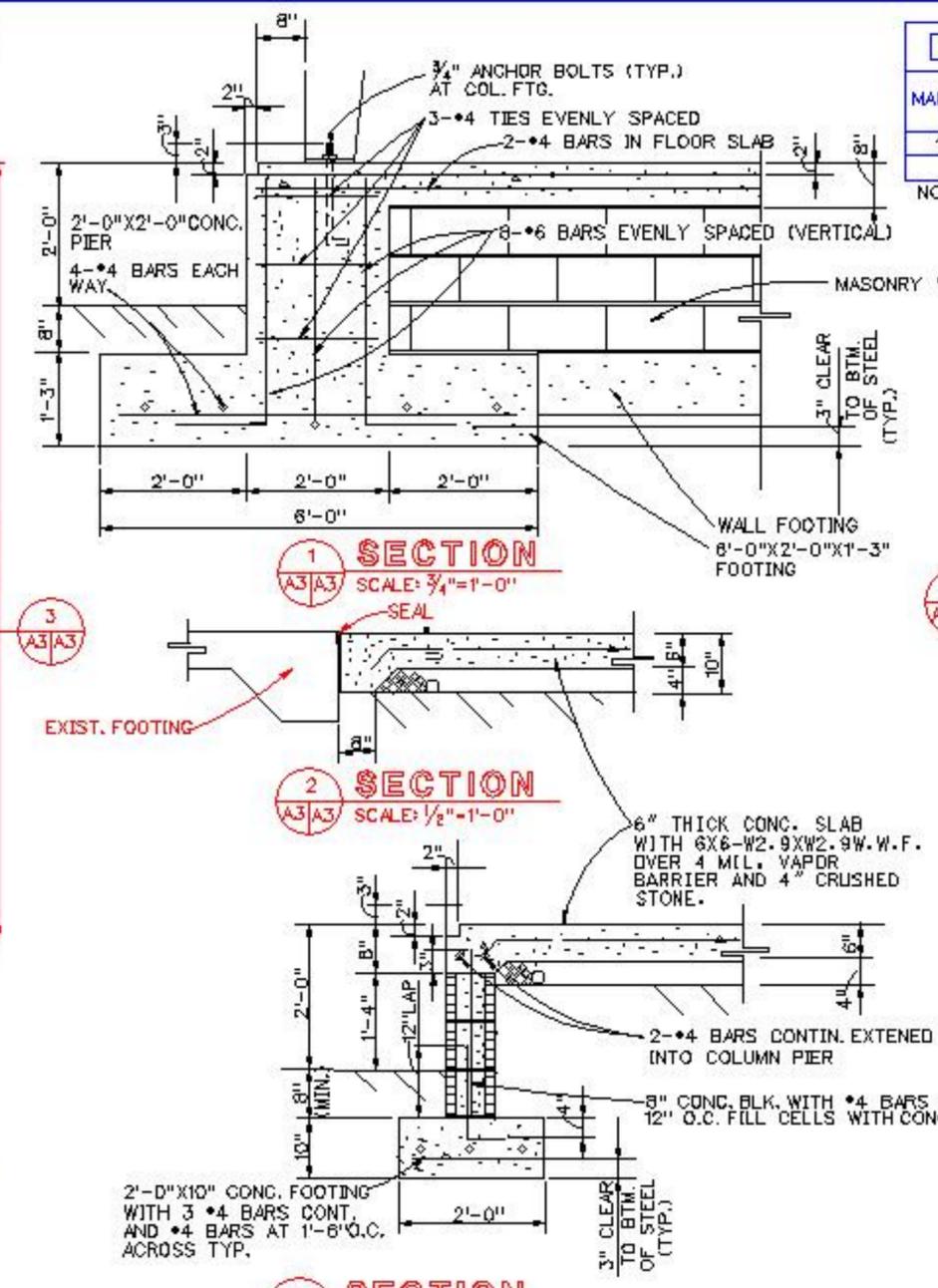
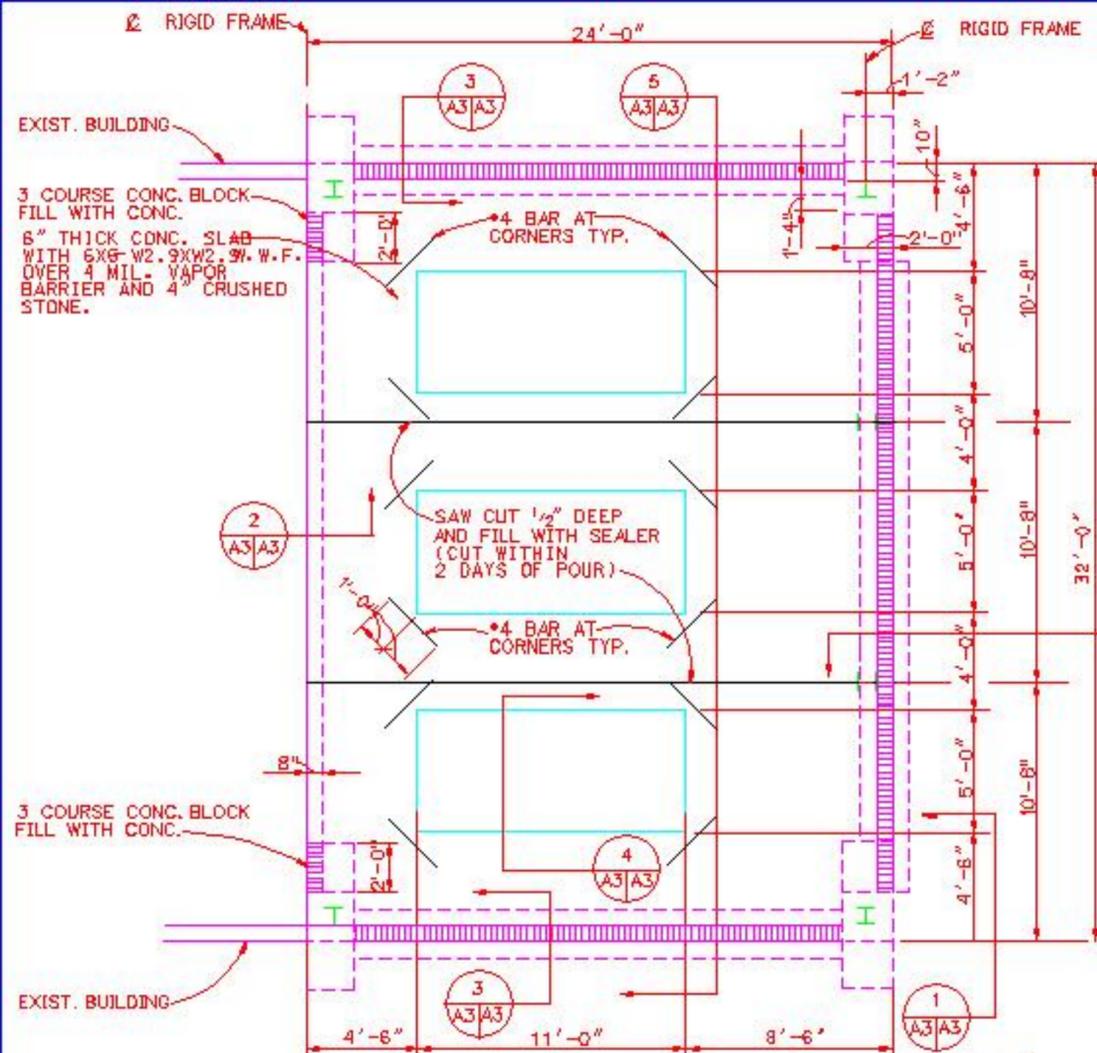
APPENDIX J

EXISTING INFORMATION ON BUILDINGS 51, 53, 55, AND 56

(For these buildings, major pieces of equipment will be removed by the Government)

BUILDING 51





| DOOR SCHEDULE | | | | | | | | | | | | |
|---------------|------|---------|-------|------|------|------|-------|--------------|--------------|------|------|---------------|
| MARK | TYPE | OPENING | | MAT. | FIN. | THK. | GLASS | HWDR SET ND. | DOOR DETAILS | | | REMARKS |
| | | W | H | | | | | | HEAD | JAMB | SILL | |
| 1 | A | 8'-0" | 8'-0" | H | P | 1 | N/A | 1 | 1 | 2 | 3 | PAIR DF DOORS |

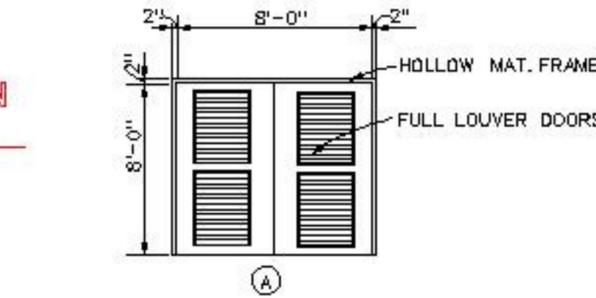
NOTE: CONTRACTOR TO PROVIDE AN 8'-0" CLEAR OPENING HEIGHT AT DOUBLE DOORS FOR EQUIPMENT INSTALLATION.

| | DL | LL | WL |
|-------|------|------|------|
| COL H | .8k | 1.3k | 1.3k |
| COL V | 2.3k | 3.8k | .9k |

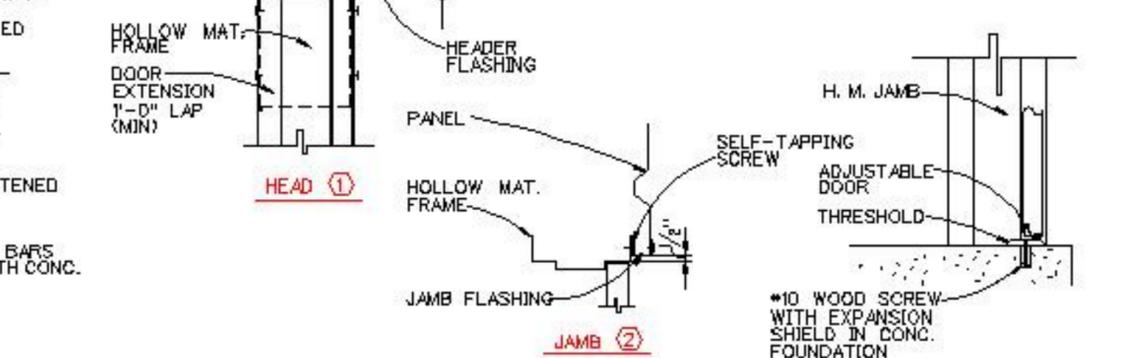
DOOR SCHEDULE NOTES

- DOOR MATERIAL (MAT.)
H - HOLLOW METAL (16 GA.)
- FINISH (FIN.) COLOR BY OWNER RATING FOR FIRE (RA)
P - PAINTED
- THICKNESS (THK.)
1 - 1 3/4"
- GLASS
N/A
- N - NON RATED

SIDEWALL COLUMN REACTIONS



DOOR AND FRAME TYPES

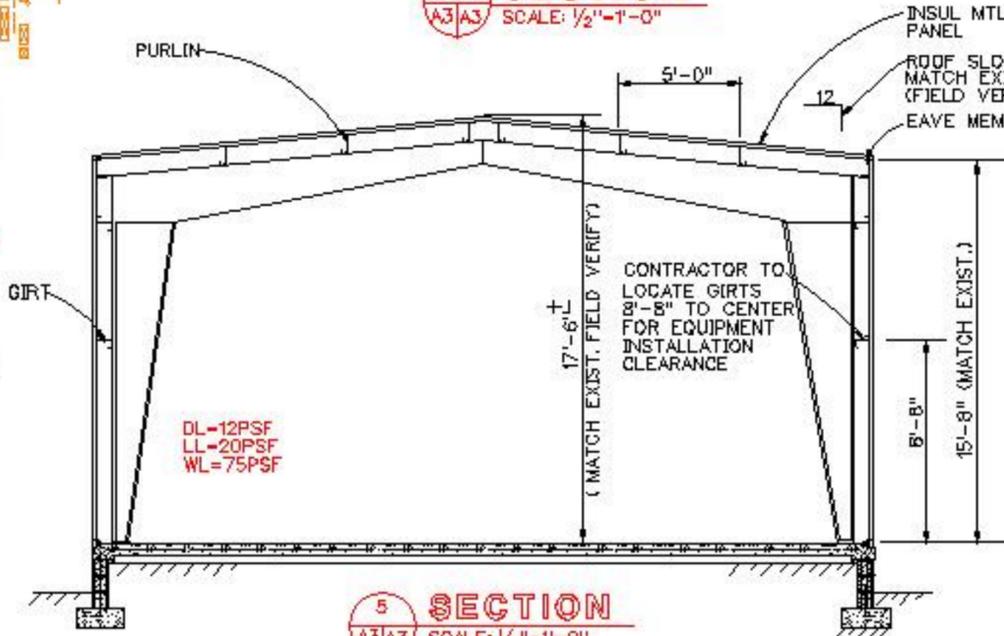


INSTALLATION DETAILS



PRE-ENGINEERED BUILDING NOTES:

- PRE-ENGINEERED METAL BUILDING SHALL BE DESIGNED FOR THE FOLLOWING LOADS:
 - A. ROOF LIVE LOADS-
 - PURLINS 20 PSF
 - MAIN FRAMES 18 PSF (200 SF TO 600 SF TRIBUTARY AREA)
 - 12 PSF (OVER 600 SF TRIBUTARY AREA)
 - B. ROOF COLLATERAL ELECTRICAL, HVAC)
 - PURLINS 10 PSF
 - MAIN FRAMES 5 PSF
 - C. WIND - 75 MPH IN ACCORDANCE WITH AFM 88-3, CH. 1 "LOAD ASSUMPTIONS FOR BUILDINGS"
- DESIGN OF FOUNDATIONS AND ANCHORAGE IS BASED ON THE ASSUMED LOADS SHOWN. (WIND LOADS ARE REVERSIBLE)



SOUTHEASTERN SE
ARCHITECTS-ENGINEERS-PLANNERS, INC.
2 Lodge Street Suite B
Asheville, N.C. 28803



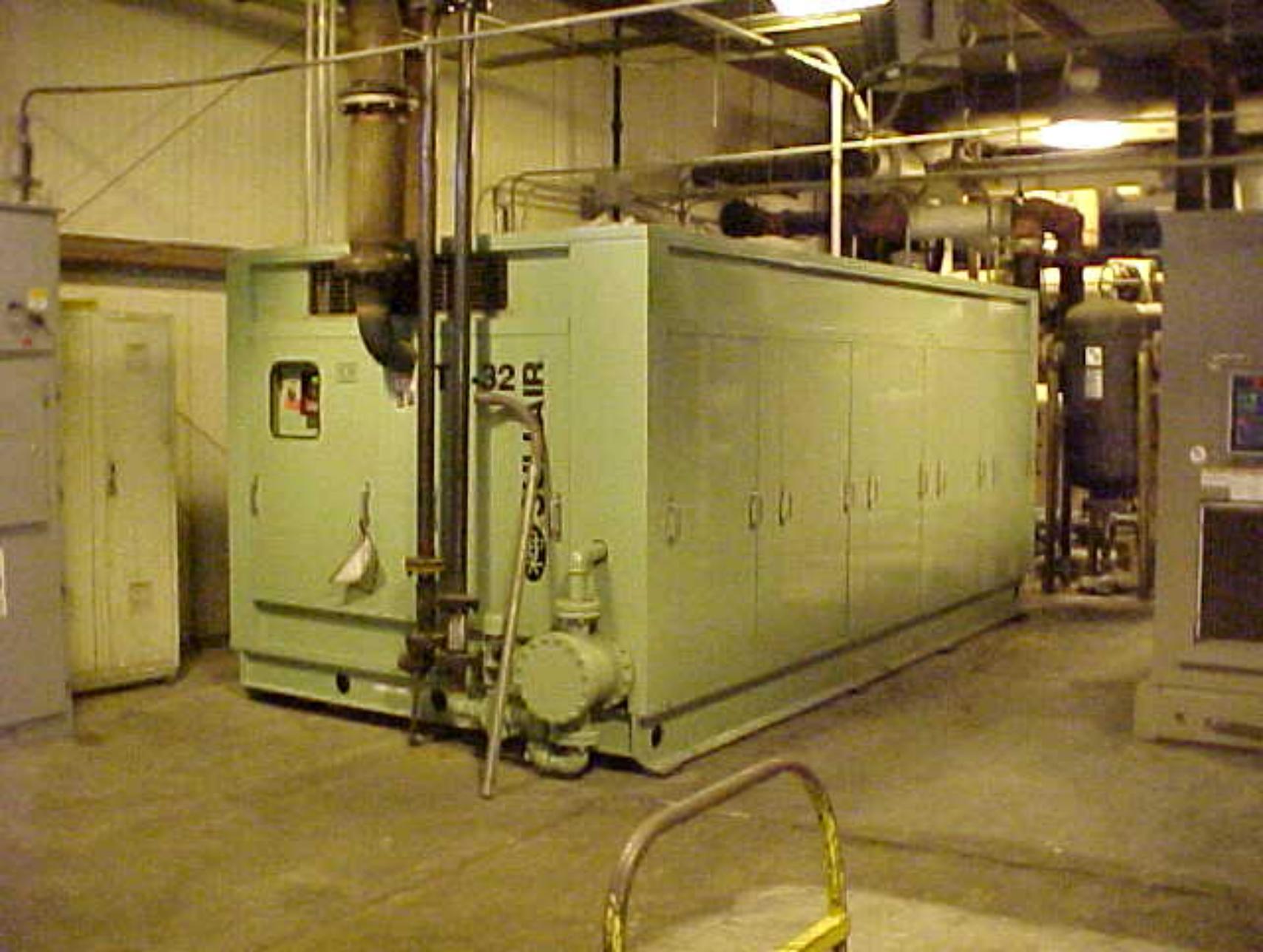
| | |
|--|-------------|
| CONSTRUCT ADDITION BLDG 51 | 23, JUN. 93 |
| FOUNDATION PLAN, SECTIONS AND DOOR SCHEDULE | UHZ-930200 |
| | A-3 |
| | NOTED |
| | D-93-77 |
| JWF | BOP/JRS |
| JWF | 4 12 |











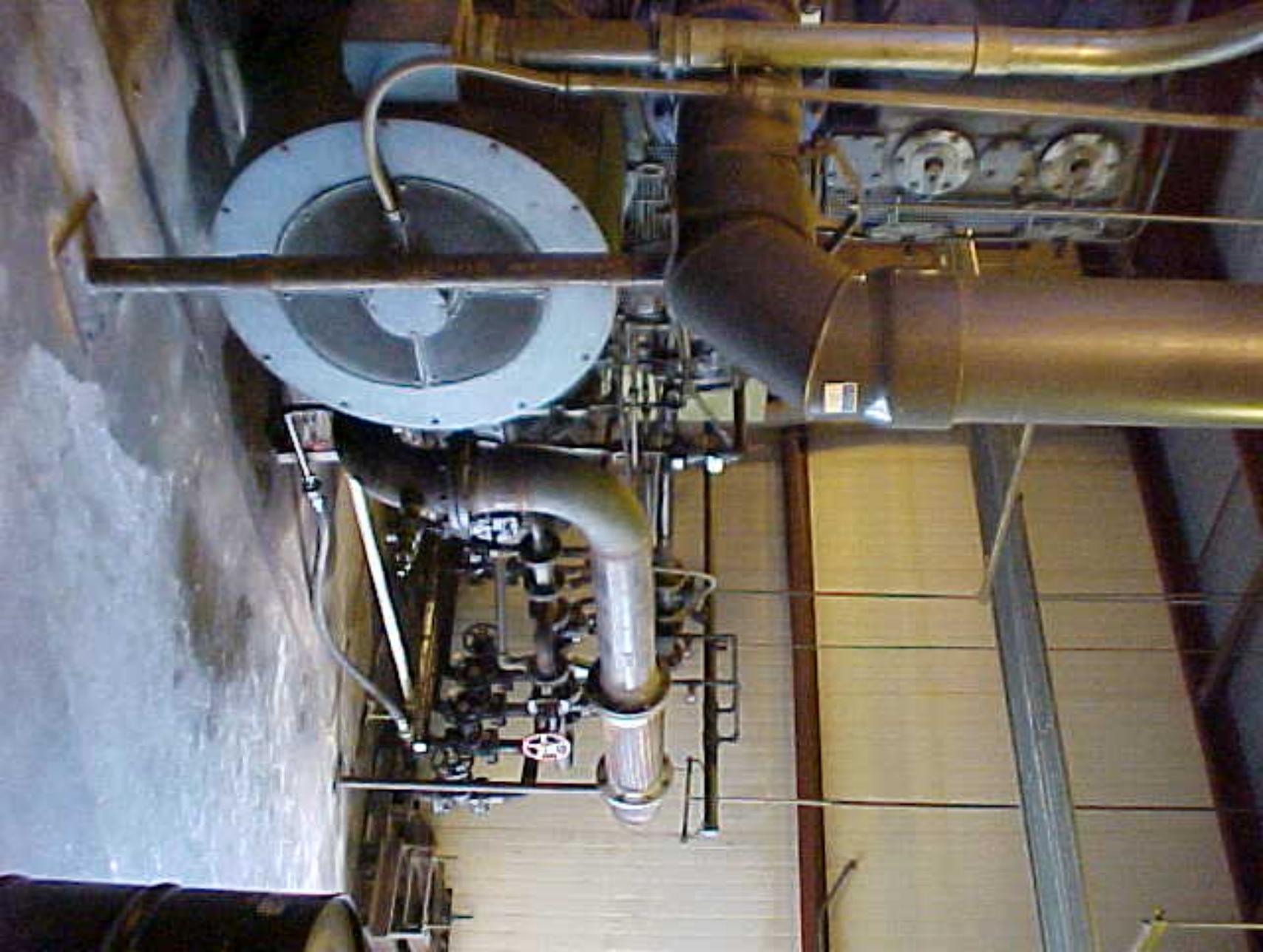




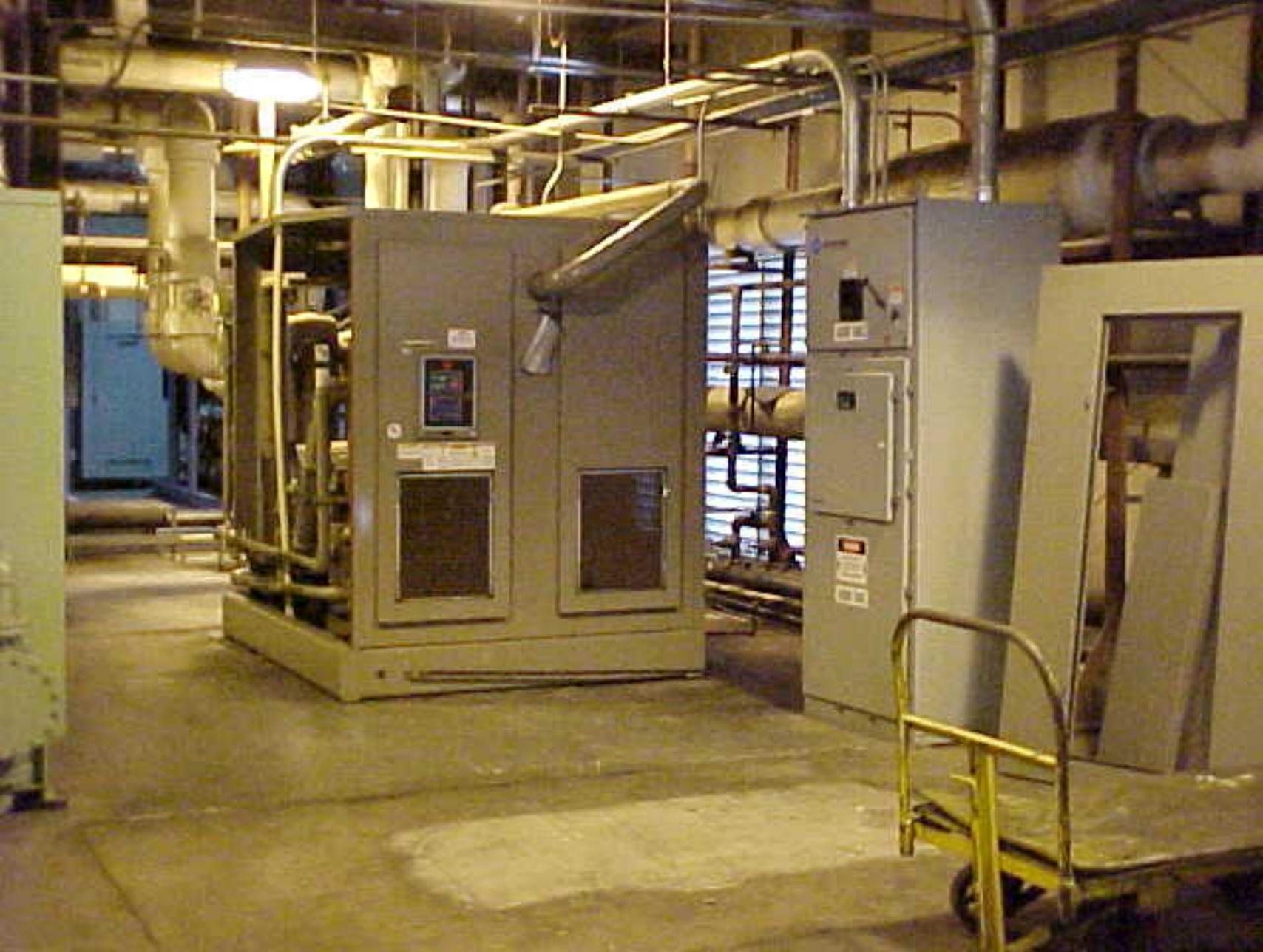




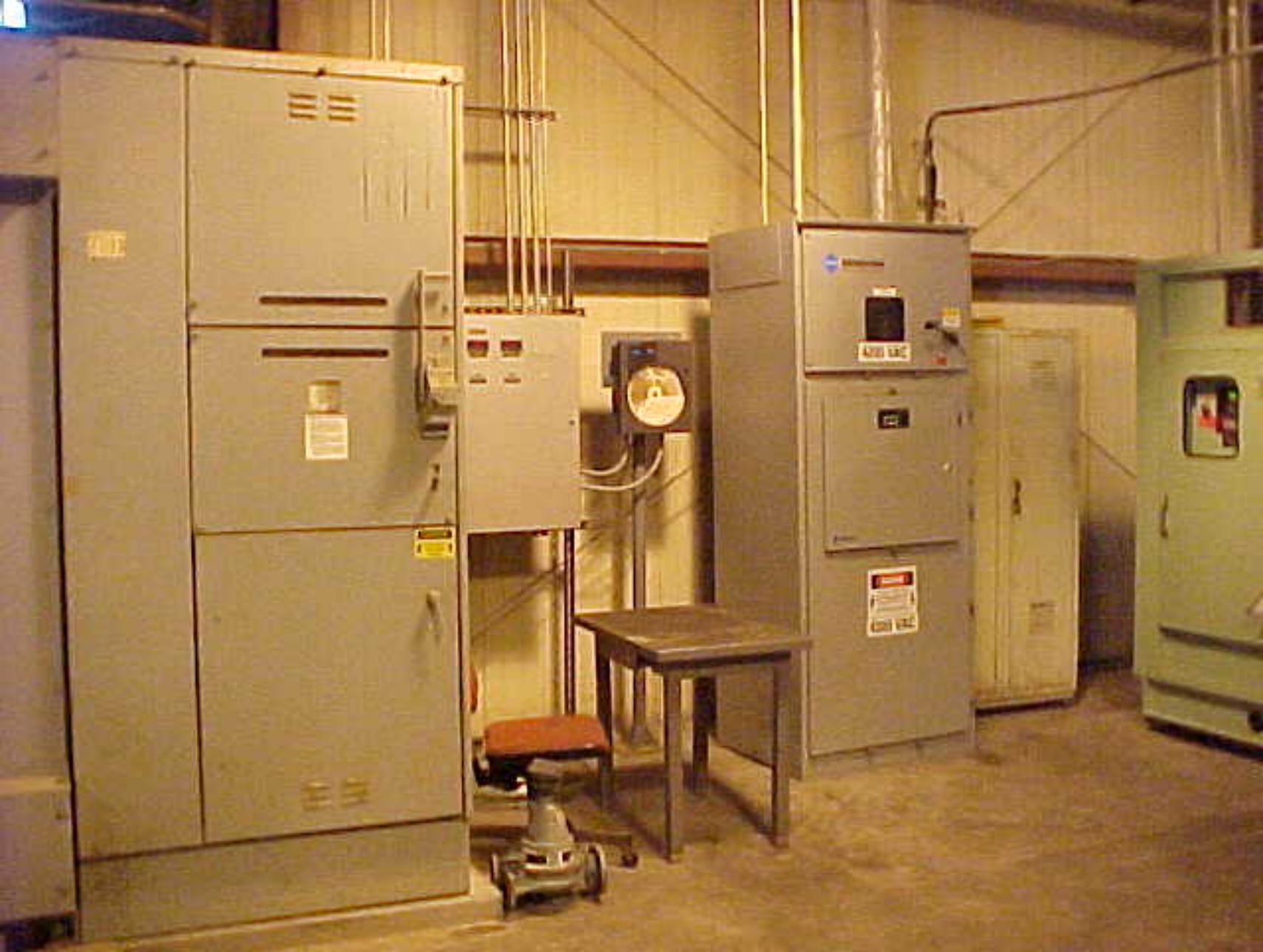






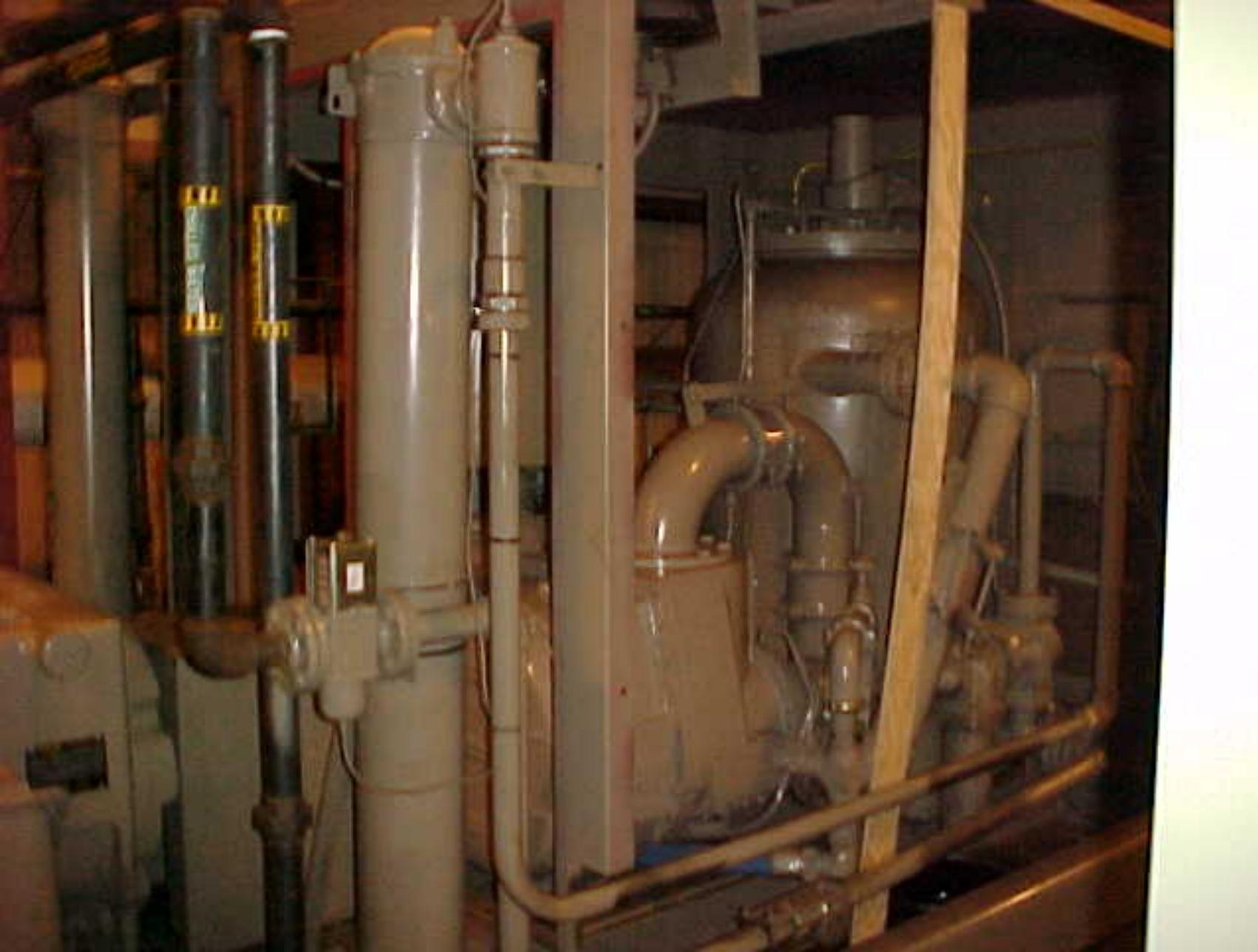


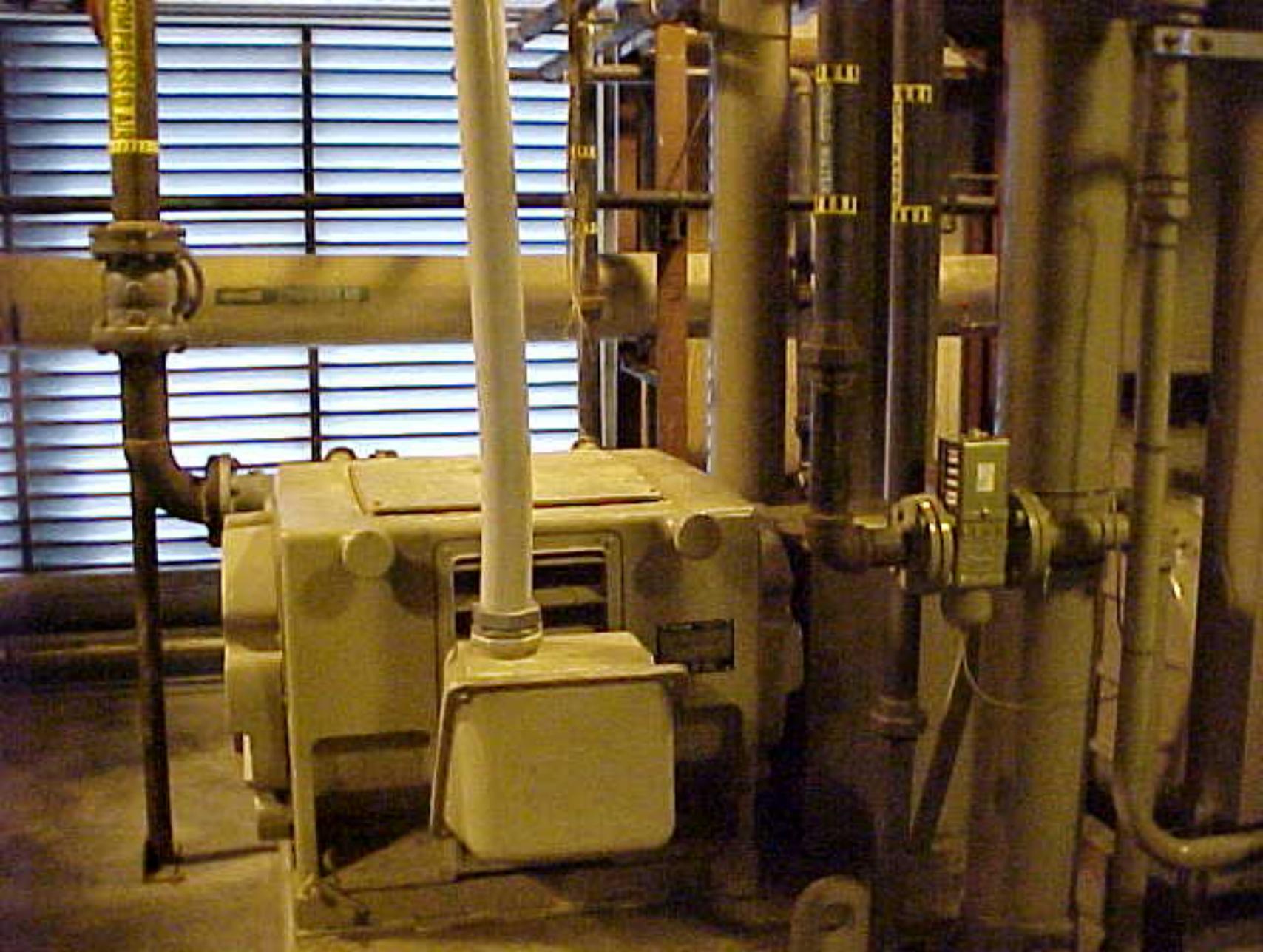




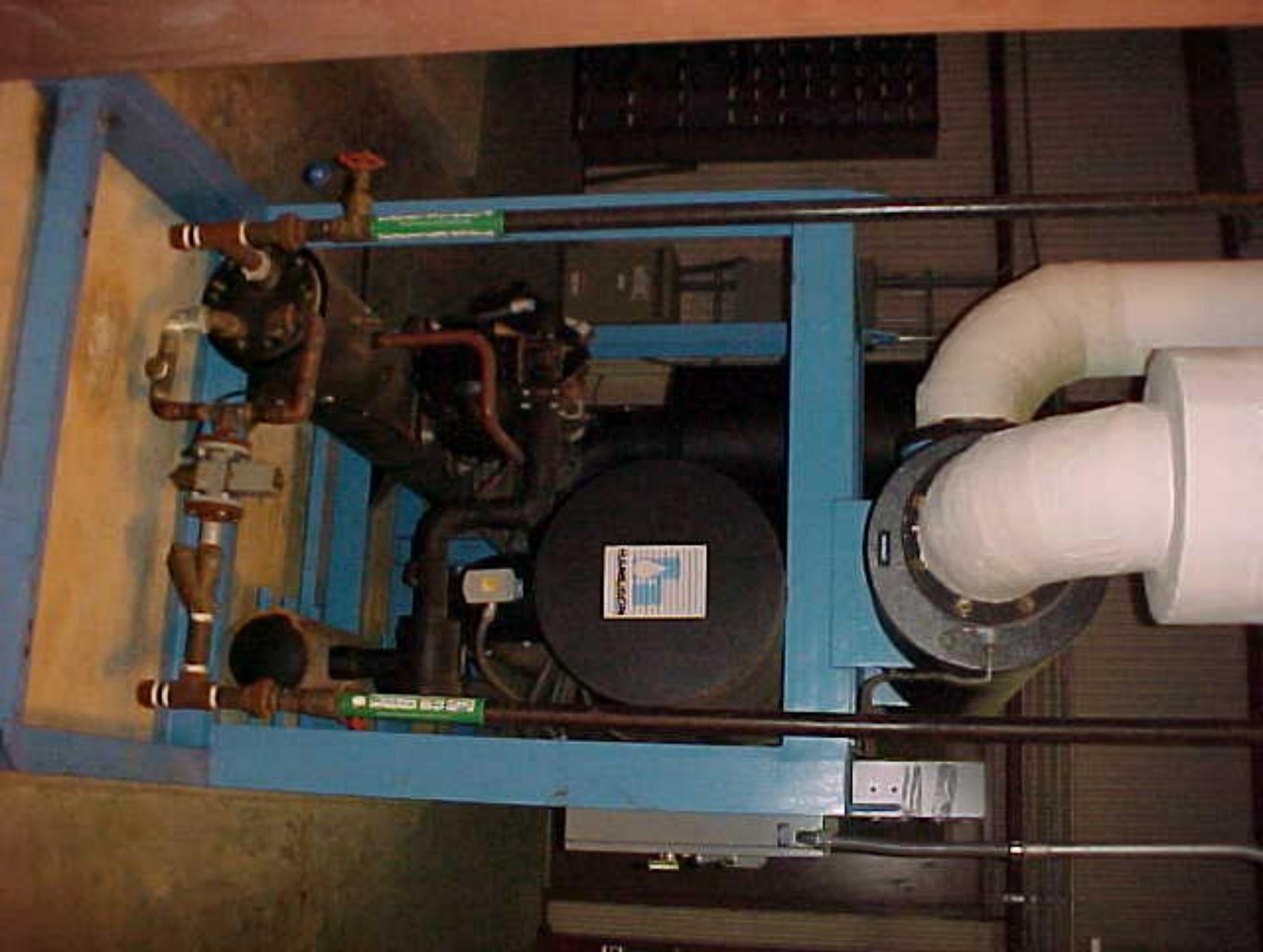




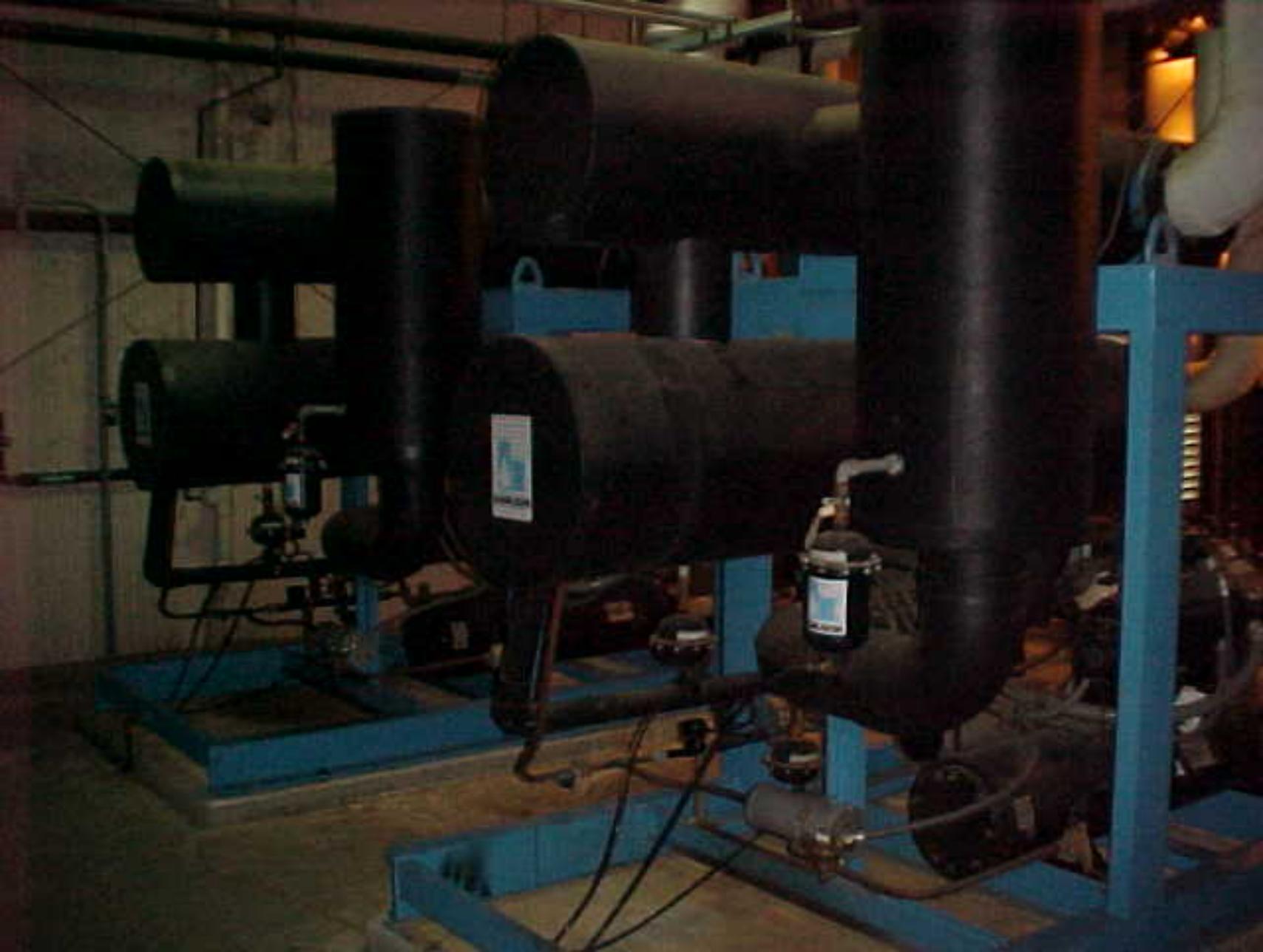


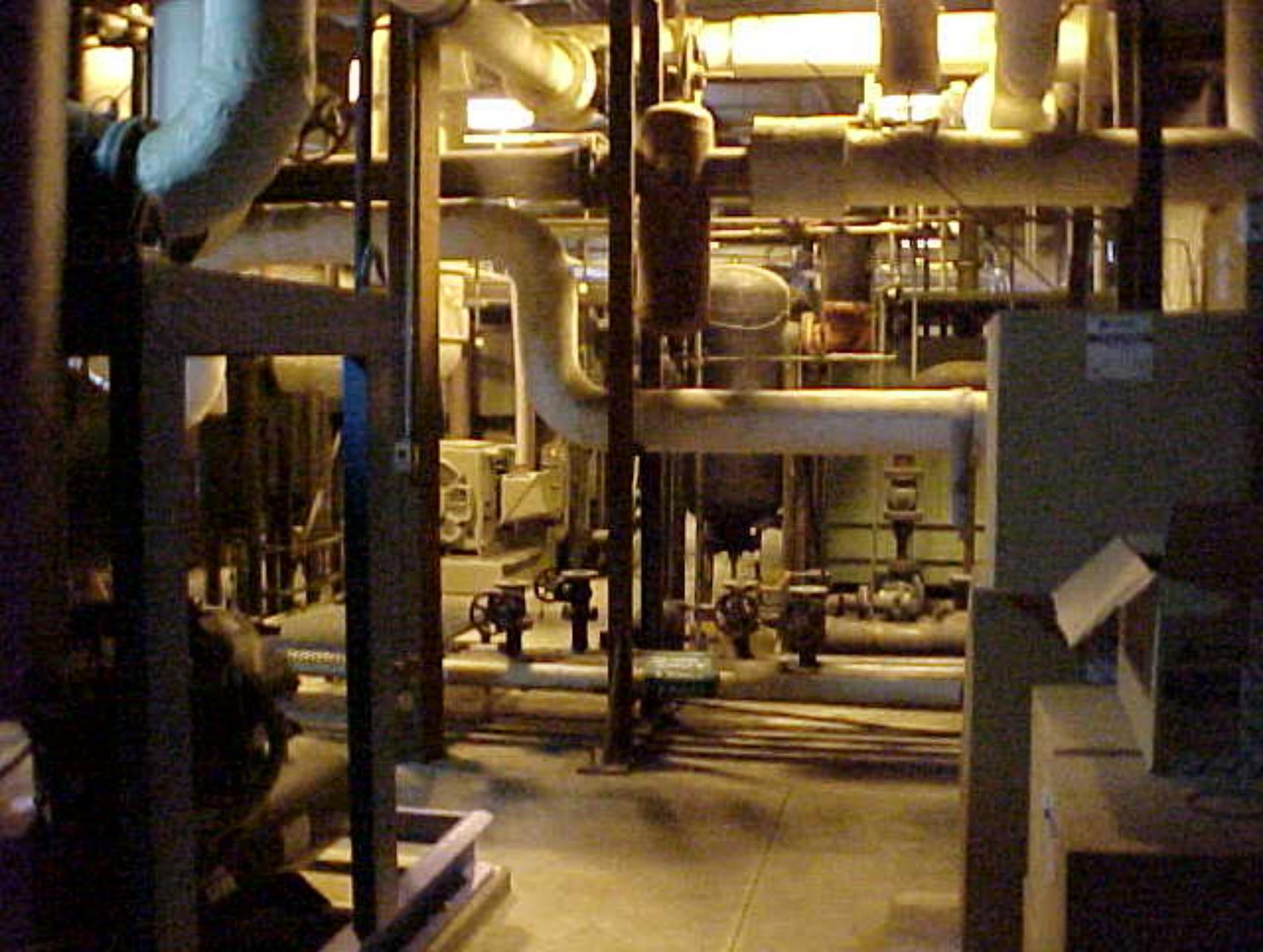










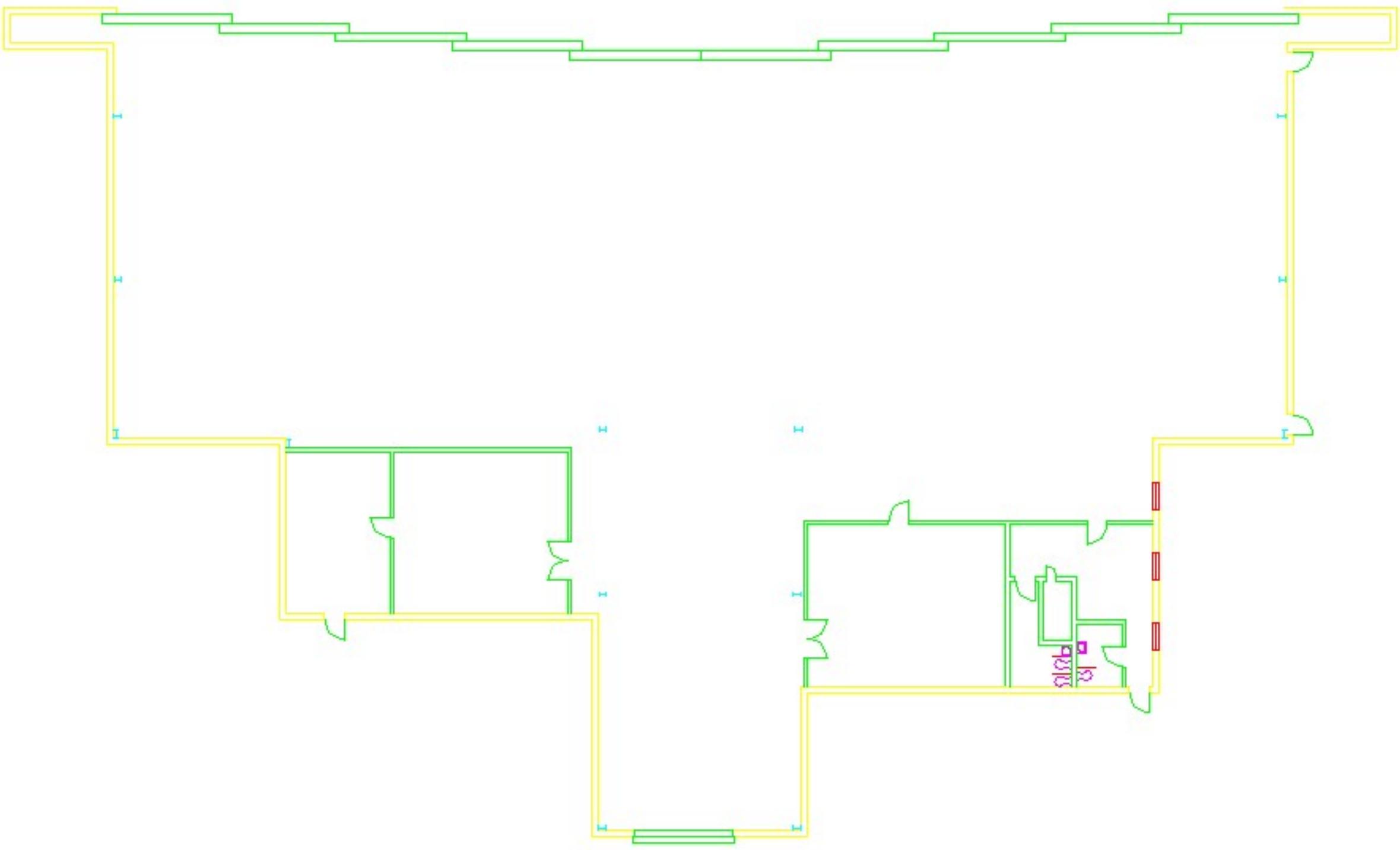


BUILDING 53

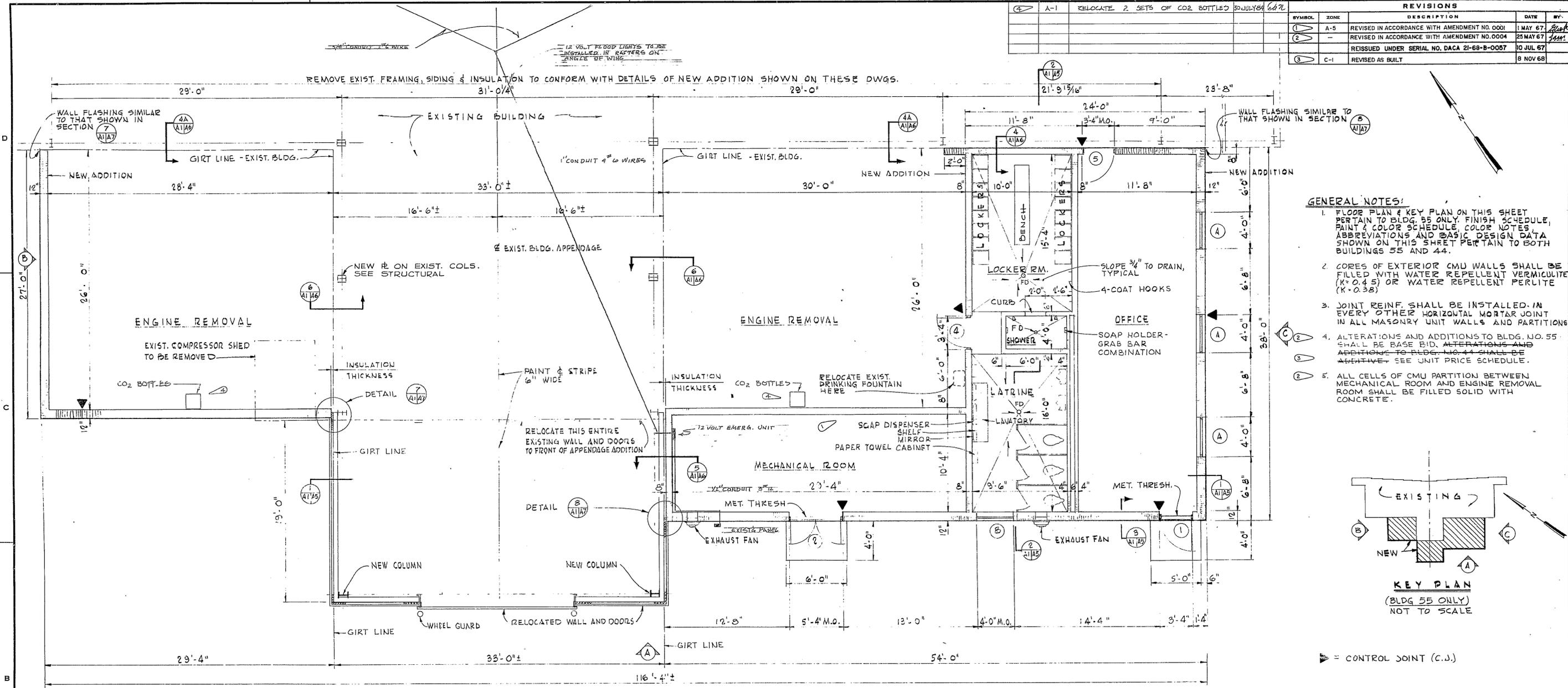




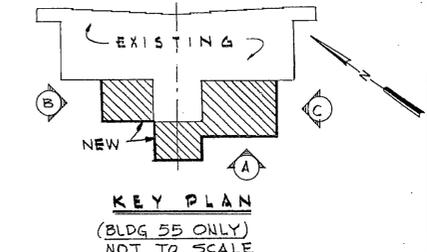
BUILDING 55



| REVISIONS | | DATE | BY |
|-----------|-----|-----------|-------------|
| 1 | A-5 | 1 MAY 67 | [Signature] |
| 2 | - | 25 MAY 67 | [Signature] |
| 3 | C-1 | 10 JUL 67 | [Signature] |
| | | 8 NOV 68 | |



- GENERAL NOTES:**
- FLOOR PLAN & KEY PLAN ON THIS SHEET PERTAIN TO BLDG. 55 ONLY. FINISH SCHEDULE, PAINT & COLOR SCHEDULE, COLOR NOTES, ABBREVIATIONS AND BASIC DESIGN DATA SHOWN ON THIS SHEET PERTAIN TO BOTH BUILDINGS 55 AND 44.
 - CORES OF EXTERIOR CMU WALLS SHALL BE FILLED WITH WATER REPELLENT VERMICULITE (K-O-45) OR WATER REPELLENT PERLITE (K-O-38).
 - JOINT REINF. SHALL BE INSTALLED IN EVERY OTHER HORIZONTAL MORTAR JOINT IN ALL MASONRY UNIT WALLS AND PARTITIONS.
 - ALTERATIONS AND ADDITIONS TO BLDG. NO. 55 SHALL BE BASE BID. ALTERATIONS AND ADDITIONS TO BLDG. NO. 44 SHALL BE ADDITIVE. SEE UNIT PRICE SCHEDULE.
 - ALL CELLS OF CMU PARTITION BETWEEN MECHANICAL ROOM AND ENGINE REMOVAL ROOM SHALL BE FILLED SOLID WITH CONCRETE.



FLOOR PLAN

(BLDG. 55 ONLY)
SCALE: 1/4" = 1'-0"

| ROOM FINISH SCHEDULE (BLDG. 55 AND 44) | | | | | | PAINT AND COLOR SCHEDULE (BLDG. 55 AND 44) | | | | | | EXTERIOR COLORS | | | | | |
|--|-------|-------------|---------|--------|--------------|--|--|-----------------------|----------|----------------|--------|-----------------|----------------|--------------|---|-------------------------------|----------------|
| ROOM | FLOOR | BASE | W/SCOT | WALLS | CEILING | CLG. HT. | REMARKS | ROOM | FLOOR | BASE | W/SCOT | WALLS | CEILING | TRIM & DOORS | REMARKS | | |
| ENGINE REMOVAL | CONC. | PAINTED CMU | NONE | C.M.U. | EXP. | 10'-0" | PAINTED BASE 8" HIGH. | ENGINE REMOVAL | NONE | 10032** | NONE | 31667 | MATCH EXISTING | 20252 | STRUCTURAL STEEL COLORS SHALL MATCH EXISTING. | C.M.U. WALLS: | 32648 |
| OFFICE | A.T. | G.S.U. | NONE | C.M.U. | ACoust. TILE | 10'-0" | | OFFICE | C-901 | CLEAR GLAZE | NONE | 35622 | 31778 | 25184 | | TRIM AND DOORS: | 25184 |
| LOCKER ROOM & LATRINE | CONC. | G.S.U. | PAINTED | C.M.U. | K.C.P. | 10'-0" | W/SCOT 4'-0" HIGH BENCH: WOOD, NAT. FIN. | LOCKER ROOM & LATRINE | NONE | CLEAR GLAZE | 15184 | 25622 (ENAMEL) | 31778 | 15184 | SEE NOTES 2 & 3. WOOD BENCH - NATURAL FINISH | SHEET METAL SIDING & ROOFING: | MATCH EXISTING |
| SHOWER | C.T. | C.T. | NONE | C.M.U. | K.C.P. | 8'-0" | *INCLUDES CURB | SHOWER | P55-7141 | 21-CORN FLOWER | NONE | 17778 | 17778 | *SEE NOTE 4 | EXTERIOR CONC.: | NOT TO BE PAINTED | |
| MECHANICAL RM. | CONC. | NONE | NONE | C.M.U. | EXP. | | | MECHANICAL RM. | NONE | NONE | NONE | NONE | 27778 | 25184 | | | |

** INCLUDES CMU BASE OF WALL AT MAIN SHOP AREA.
⊙ INCLUDES CMU WALL AT MAIN SHOP AREA.

ABBREVIATIONS:

| | | | |
|--------------|-------------------------|---------|-------------|
| A.T. | ASPHALT TILE | TH | THICKNESS |
| C.T. | CERAMIC TILE | DR | DOOR |
| C.M.U. | CONCRETE MASONRY UNITS | FD | FLOOR DRAIN |
| G.S.U. | GLAZED STRUCTURAL UNITS | NAT. | NATURAL |
| EXP. | EXPOSED CONSTRUCTION | MET. | METAL |
| | | FUS. | FUSelage |
| | | FIN | FINISH |
| | | FL. | FLOOR |
| | | CEL. | CEILING |
| CLG. HT. | CEILING HEIGHT | PLAS. | PLASTER |
| K.C.P. | KEENEY CEMENT PLASTER | TYP | TYPICAL |
| R.M. | ROOM | NO. | NUMBER |
| W/SCOT | WAINSCOT | BOT. | BOTTOM |
| HWE. | HARDWARE | SUSP | SUSPENDED |
| C.J. | CONTROL JOINT | ACoust. | ACOUSTICAL |
| THRESH. | THRESHOLD | COL. | COLUMN |
| EXIST. BLDG. | EXISTING BUILDING | STA. | STATION |
| CONC. | CONCRETE | EXT. | EXTERIOR |
| | | INT. | INTERIOR |

COLOR NOTES:

- MANUFACTURER'S PRODUCTS CITED ON THIS DRAWING ARE INTENDED TO ESTABLISH COLOR, TEXTURE AND QUALITY CONTROL ONLY AND DO NOT CONSTITUTE A PREFERENCE TO THE EXCLUSION OF THE PRODUCTS OF ANY PARTICULAR MANUFACTURER WHICH ARE COMPARABLE TO THOSE SPECIFIED.
- TOILET PARTITIONS: MILLS, GLACIER BLUE, M-21.
- LOCKERS: MANUFACTURER'S STANDARD LIGHT TAN OR BEIGE COLOR.
- PAINT FOR CMU WALLS & PLASTER CEILING IN SHOWER SHALL CONFORM TO FEDERAL SPECIFICATION TT-P-95, TYPE I OR II, CLASS A.
- ASPHALT TILE: ARMSTRONG.
- CERAMIC TILE: AMERICAN OLEAN.
- G.S.U.: NATCO VITRITILE.
- PAINT COLOR NUMBERS: FEDERAL STANDARD 595.

BASIC DESIGN DATA (EACH BUILDING)

AREA ENCLOSED: 3480.41 sq ft AREA PORCHES: _____ NO. FLOORS: ONE
BASIS OF DESIGN: DEF. DWG. NO. _____ DATE: _____
STD. DWG. NO. _____
OTHER: CRITERIA FURN. BY USING SERVICE

CONSTRUCTION: _____
TYPE (C OR N): _____ LIFE: 25 YEARS
FOUNDATIONS: CONCRETE EXT. WALLS: CONC. MAS. UNITS & SHEET METAL
FLOORS: CONCRETE INT. PART.: CONC. MAS. UNITS
ROOF CONSTR.: MET. DECK ON STL. JOISTS; AND STL. FRAME. ROOF COVERING: BUILT-UP & SH. MET.
TYPE OF FUEL: GAS (EXISTING) HEATING ZONE: 28°F ZONE B
TYPE OF HEATING SYSTEM: STEAM BOILER (EXISTING) W/UNIT HEATERS
AIR CONDITIONING DESIGN CONDITIONS: 96°F DB; 78°F FWB
U-VALUES: .12 ROOFS, .21 WALLS
SOIL BEARING: 3000 P.S.F.-ROOF LOAD; 20 P.S.F.-WIND LOAD; 25 P.S.F.

SAFETY is Free
Accidents Cost Money

RECORD DRAWING

U. S. ARMY ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

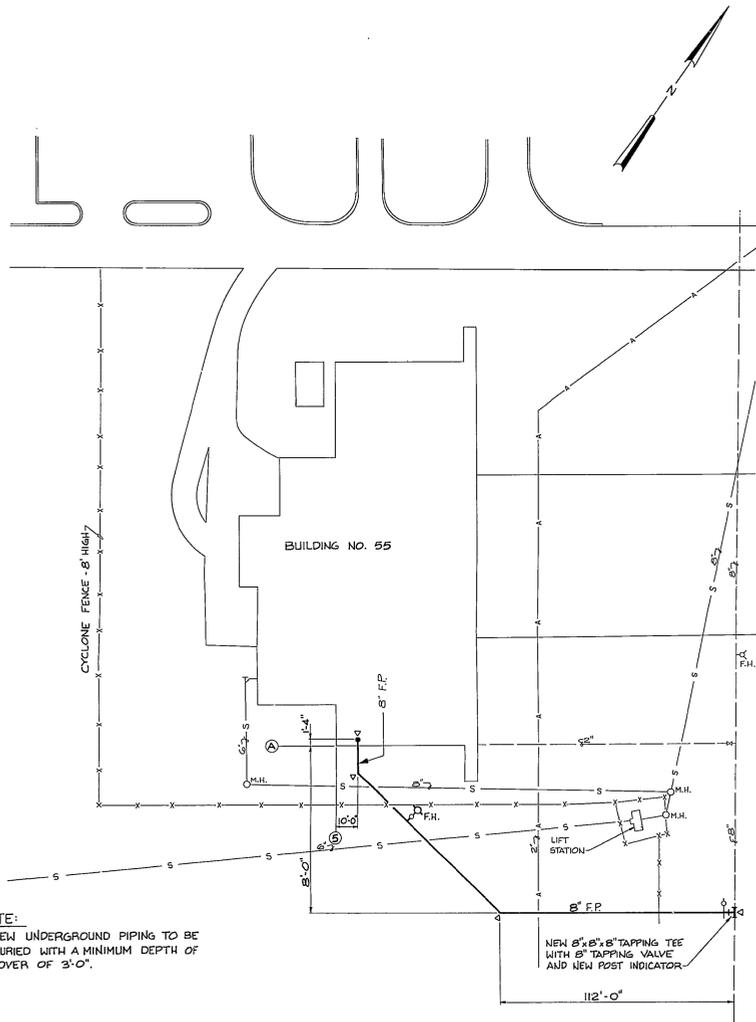
MAINTENANCE DOCKS-ALTERATION & ADDITION
BUILDINGS NOS. 55 & 44
FLOOR PLAN, FINISH, PAINT
AND COLOR SCHEDULE
ROBINS A.F.B.

DESIGNER: [Signature] DRAWING NO. [Number] FINAL CHECK: [Signature]
MADE: [Signature] CHKD: [Signature] OR: [Signature] H.W. [Signature]
SUBMITTED: [Signature] [Signature] [Signature] [Signature]
CHECKED: [Signature] ARCHITECTURAL SECTION
RECD: [Signature] [Signature] [Signature] [Signature]
CHIEF: [Signature] DESIGN BRANCH

DATE: 31 MARCH 1967

WARNER ROBINS GEORGIA
INVITATION NO. [Number] FILE NO. [Number]
DACA 21-67-B-0058 F AW-ROB 39-01-04 A-1
SCALE: AS SHOWN SHEET 6

ROBINS AFB 11-2-68

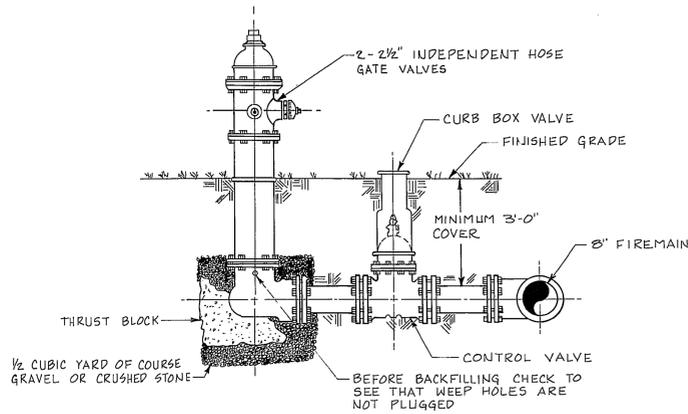


NOTE:
NEW UNDERGROUND PIPING TO BE BURIED WITH A MINIMUM DEPTH OF COVER OF 3'-0".

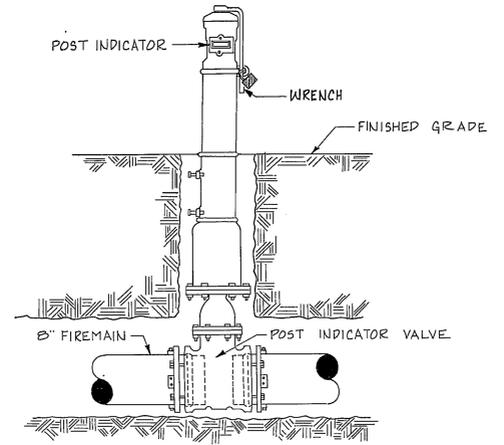
NEW 8" x 8" TAPPING TEE WITH 8" TAPPING VALVE AND NEW POST INDICATOR

LEGEND

- EXIST. WATER LINE
- A- EXIST. COMP. AIR LINE
- S- EXIST. SAN. SEWER LINE
- NEW UNDERGROUND DUCTILE IRON F.P. LINE
- ↑ POST INDICATOR VALVE
- NEW SPRINKLER SYSTEM RISER
- CONCRETE THRUST BLOCK
- F.H. WITH CURB BOX CONTROL VALVE
- F.H. WITH CURB BOX CONTROL VALVE, HYDRANT TO HAVE 2-2 1/2" OUTLETS



FIRE HYDRANT WITH CURB BOX CONTROL VALVE
NO SCALE

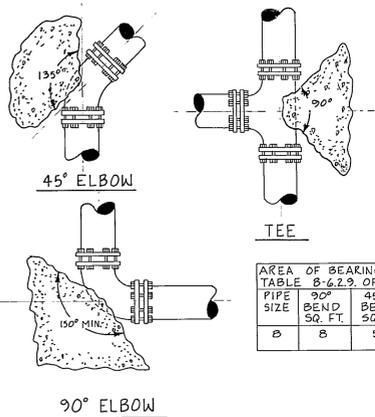


POST INDICATOR VALVE DETAIL
NO SCALE

SITE PLAN
SCALE: 1" = 30'-0"

NOTES:

1. SEE PLATE FP-1 FOR ABBREVIATIONS.



| AREA OF BEARING FACE OF CONCRETE THRUST BLOCK TABLE 8-6.2.9 OF N.F.P.A. 24, IN SQUARE FEET. | | | |
|--|------------------|------------------|-------------------------------------|
| PIPE SIZE | 90° BEND SQ. FT. | 45° BEND SQ. FT. | TEES, CAPS, PLUGS, HYDRANTS SQ. FT. |
| 8 | 8 | 5 | 6 |

THRUST BLOCK DETAILS
NO SCALE

| | | | |
|---|-------------------------|---|----------------|
| W.E. GILBERT & ASSOCIATES Inc. ARCHITECTS GREENWOOD | | ENGINEERS P.O. BOX 519 SOUTH CAROLINA | |
| DESIGNED BY M. J. B. B. B. | DRAWN BY J. B. B. B. | CHECKED BY M. J. B. B. B. | DATE 9-7-85 |
| APPROVED BY M. J. B. B. B. | | TITLE C-1 | |
| PROJECT NO. WR 84-6 | | SCALE AS NOTED | |
| SHEET 2 | | OF 4 | |

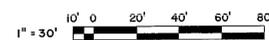
WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE, GEORGIA
FIRE PROTECTION SYSTEM BLDG. 55

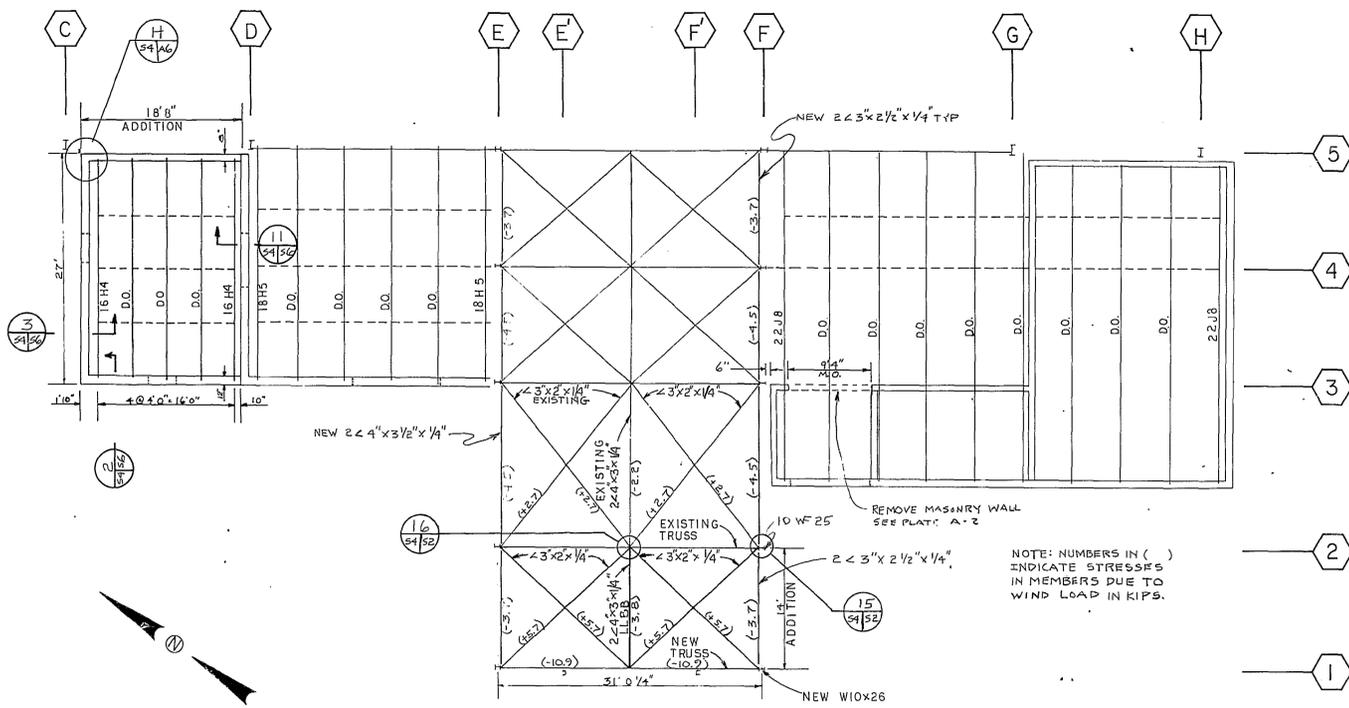
SITE PLAN

ROBINS AIR FORCE BASE, GEORGIA

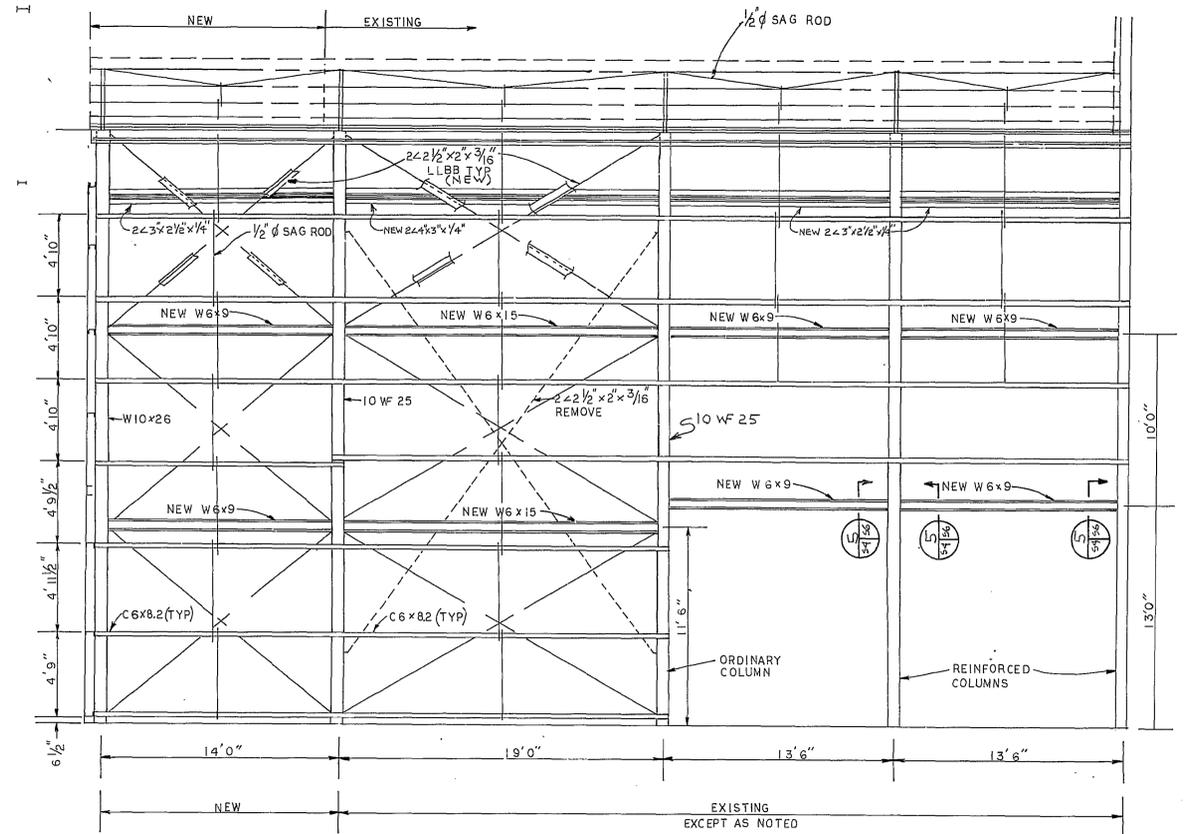
15-85-61

RECORD DRWG B-557

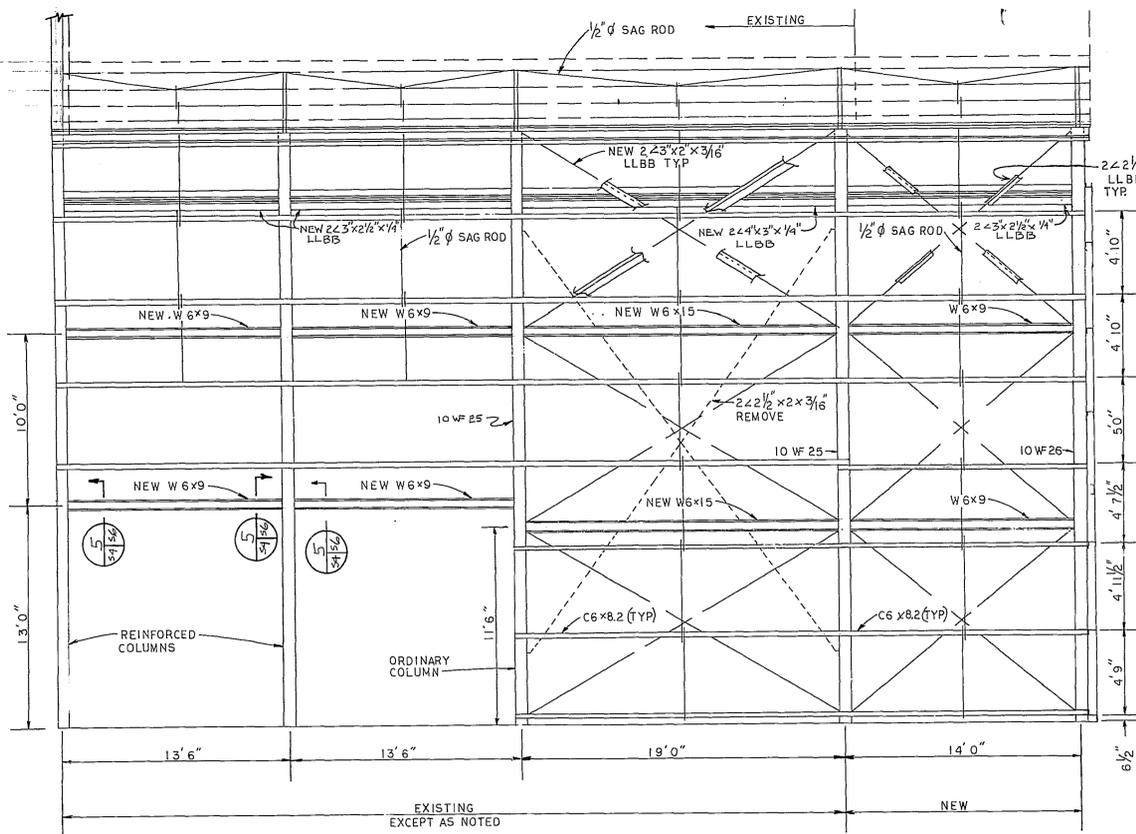




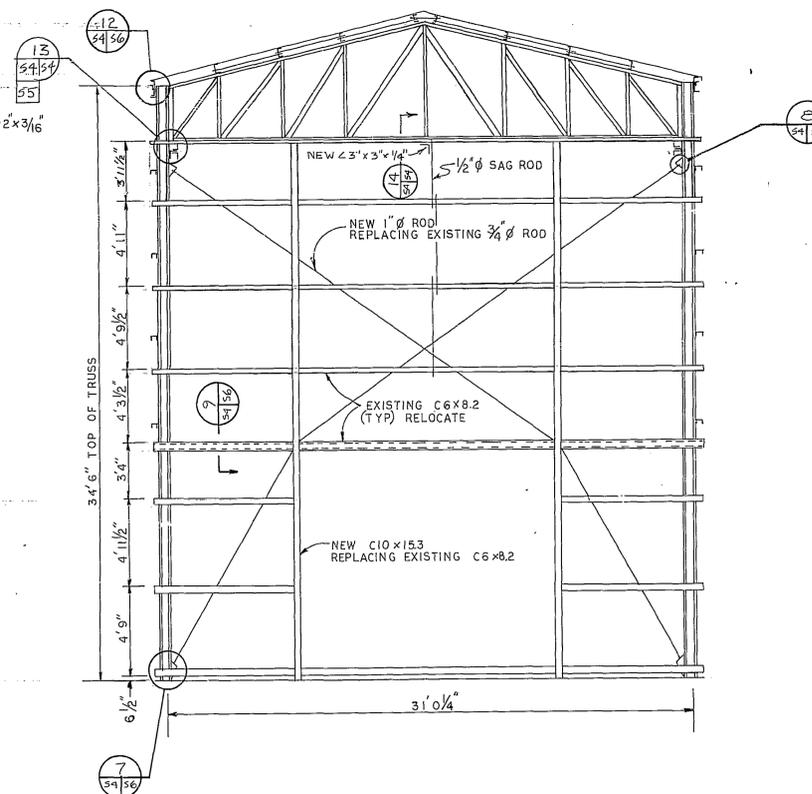
BOTTOM CHORD FRAMING PLAN - NOSE ADDITION
 ROOF FRAMING PLAN - STORAGE ADDITION
 BUILDING 55
 SCALE: 1/8" = 1' 0"



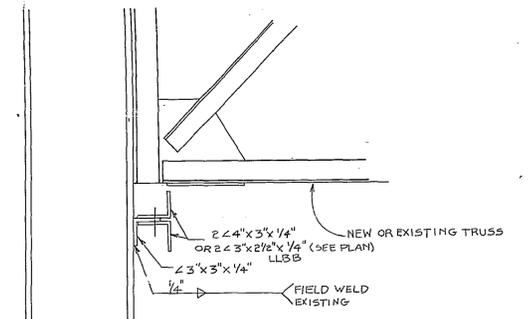
SOUTHEAST FRAMING ELEVATION
 SCALE: 1/4" = 1' 0"



NORTHWEST FRAMING ELEVATION
 SCALE: 1/4" = 1' 0"



SOUTHWEST FRAMING ELEVATION
 SCALE: 1/4" = 1' 0"



DETAIL

| APP'D | DESIGNED/DRAWN | CHECKED | DATE | TITLE |
|----------------------------|----------------|---------|------|-------|
| | DPF | MEF | OFF | |
| ARCH | | | | |
| STRUCT | | | | |
| MCH | | | | |
| ELECT | | | | |
| CIVIL | | | | |
| APPN | | | | |
| PROGRAMS DEVELOPMENT | | | | |
| APPN | | | | |
| COMMUNICATIONS | | | | |
| APPN | | | | |
| PIRE SYS MNT | | | | |
| APPN | | | | |
| SECURITY POLICE | | | | |
| APPN | | | | |
| CHIEF ENGINEERING SECTION | | | | |
| APPN | | | | |
| FIRE CHIEF | | | | |
| APPN | | | | |
| CORROSION CONTROL ENGR | | | | |
| APPN | | | | |
| GROUND SAFETY OFFICER | | | | |
| APPN | | | | |
| BIODIVERSITY/ENVIRONMENTAL | | | | |
| APPN | | | | |
| CHIEF CONST MGMT SECTION | | | | |
| APPN | | | | |
| ENERGY CONSV MGMT | | | | |
| APPN | | | | |
| APPROVED | | | | |
| CHIEF ENGR & CONST BRANCH | | | | |
| THE CIVIL ENGINEER | | | | |

WARNER ROBINS ALC
 CIVIL ENGINEERING DIVISION
 FORT BRASS AIR FORCE BASE GEORGIA

ADAL A/C MAINT. FACILITY
 BUILDING 55
 FRAMING PLAN
 AND ELEVATIONS

DATE 5 NOV 79 PROJECT NO. WR 123-9 SHEET 13 OF 31

PLATE S-4









BUILDING 56









NO PARKING
EXCEPT

APPENDIX K

EXISTING PHOTOS OF BUILDING 60

(For this building, major pieces of equipment will be
relocated by the Government)





USA PATENT AND TRADEMARK OFFICE
ACQUISITION FORM

FILE NO. []

ACQUISITION NO. []

ACQUISITION DATE []

ACQUISITION TIME []

ACQUISITION USER []

ACQUISITION METHOD []

ACQUISITION STATUS []

ACQUISITION TYPE []

ACQUISITION SOURCE []

ACQUISITION COST []

ACQUISITION VALUE []

ACQUISITION WEIGHT []

ACQUISITION LENGTH []

ACQUISITION WIDTH []

ACQUISITION HEIGHT []

ACQUISITION AREA []

ACQUISITION VOLUME []

ACQUISITION MASS []

ACQUISITION DENSITY []

ACQUISITION TEMPERATURE []

ACQUISITION PRESSURE []

ACQUISITION HUMIDITY []

ACQUISITION SPEED []

ACQUISITION ACCELERATION []

ACQUISITION DECELERATION []

ACQUISITION VIBRATION []

ACQUISITION SHOCK []

ACQUISITION NOISE []

ACQUISITION LIGHT []

ACQUISITION SOUND []

ACQUISITION TASTE []

ACQUISITION SMELL []

ACQUISITION TOUCH []

ACQUISITION HEAR []

ACQUISITION SEE []

ACQUISITION FEEL []

ACQUISITION THINK []

ACQUISITION EMOTION []

ACQUISITION BEHAVIOR []

ACQUISITION ATTITUDE []

ACQUISITION BELIEF []

ACQUISITION OPINION []

ACQUISITION CONVICTION []

ACQUISITION FAITH []

ACQUISITION HOPE []

ACQUISITION CHARITY []

ACQUISITION COURAGE []

ACQUISITION PATIENCE []

ACQUISITION KINDNESS []

ACQUISITION GENTLENESS []

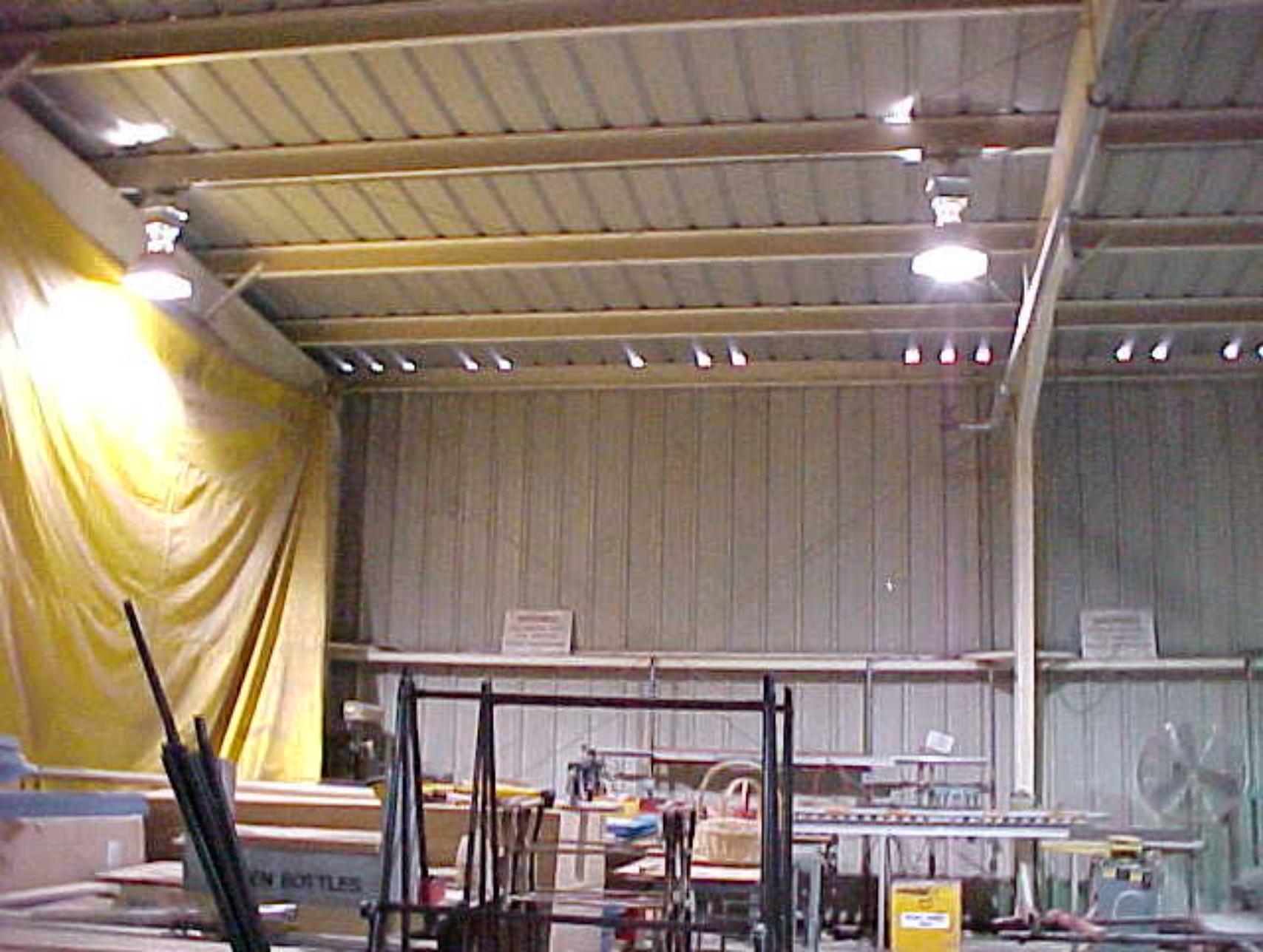
ACQUISITION MERCY []

ACQUISITION GRACE []

ACQUISITION PEACE []

ACQUISITION JOY []

ACQUISITION LOVE []



IN BOTTLES



**WORKS
S DON'T!
PROCEDURES**

**WARNING
NO WORKING
IN AREA
BEHIND**

**WARNING
NO WORKING
IN FEET OF
BUILDING**









