

**HSA BUILDING FACT SHEET**

**Building Number / Name:** 508

**Current Tenant / Use:** Viral Con Projects

**Original / Former Use:** WRAIR Medical Research Laboratory; DCD&I Department of Hazardous Microorganisms (1984); Biological Research

**Date of Construction:** 1953

**Construction Materials:** Reinforced concrete with brick exterior

**Total Sq. Footage:** 8593

**Renovation Status:** first in 1966 and then recently (exact date unknown)

**Floors:** 1

**Current Building Status:** Existing, in-use

**Sources of Information:** (*References, Interviews*)

*Document Reviews* – Authorization 624, 639, 644, 662, 664, 669, 699; WRAIR HSA, 1997; Decommissioning/Close-out Documentation (3/5/1998)

*Site Visit and Interviews* – Interview with Mr. Burton

**Radiological Data Summary** (*RCOPCs, Impacted Room(s) / Area(s), etc.*):

- Radionuclides Used/Potential RCOPCs: C-14, Ca-45, Cr-51, H-3, I-125, I-131, P-32, P-33, Rb-86, S-35, Zn-65
- Potentially Impacted Rooms: 1, 2, 4, 7, 10, 14, 17, 18, 19, 20, 21, 106, 114, 115, 116, 117, 124, 136, 137, 108A, hallways
- Preliminary Dose Rate Survey (July 31, 2008): Background

**Current Radiological Status:** Radiological close-out as of 3/5/1998

**Site Visit Information:** (*Date Toured, Site Contact, Security Issues*)

Site Contact – Russ Olson

A tour of the building was conducted on July 31, 2008 by Paul Valentinelli, Mike Barsa, Dave Burton, and Anne Delp. The building has been renovated since radiological materials usage.

**Preliminary MARSSIM Classification(s):** Non-Impacted

**Recommendations:** No Further Action

Photograph(s) Taken:



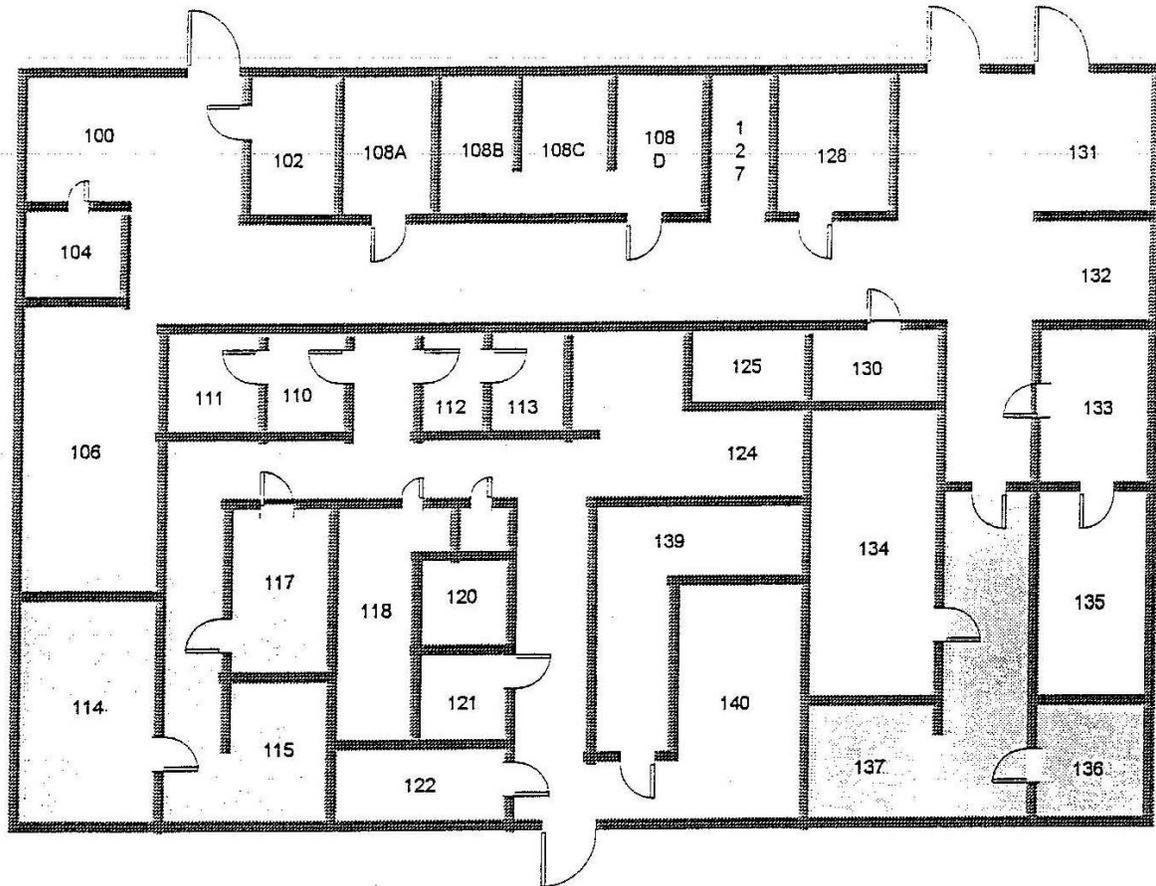
Storage Room

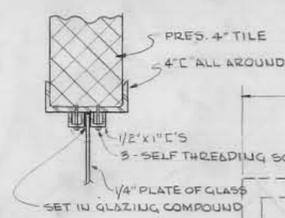


Room 136

Historical Site Assessment (HSA)  
Walter Reed Army Medical Center, Forest Glen Annex

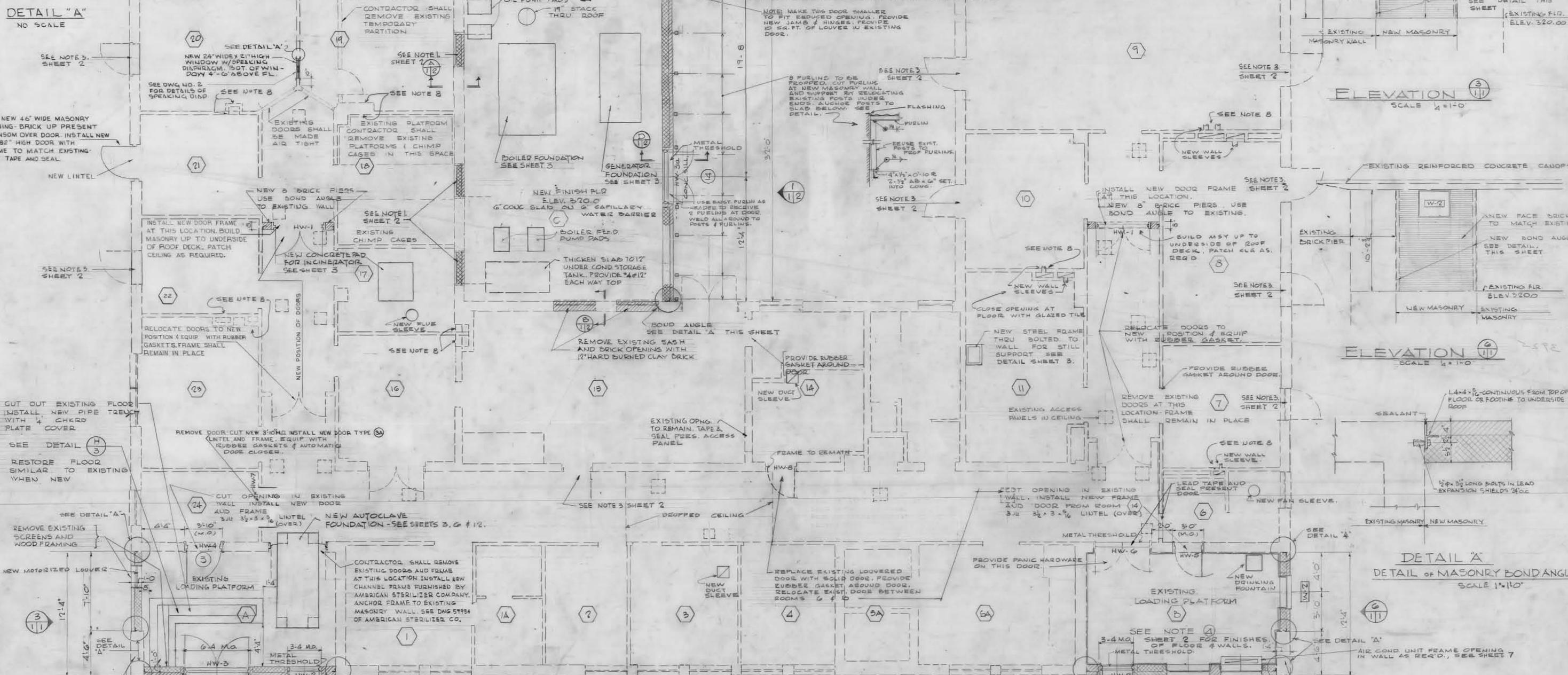
Floor Plan(s): (see below and attached)





GENERAL NOTES

1. IN ALL AREAS, ALL CRACKS AND APERTURES, ALL PENETRATIONS OF CEILINGS BY FIXTURES, PIPE, CONDUIT, DUCTS, EDGES OF LOUVERS, ETC. SHALL BE CALKED & SEALED BY A SEALANT TO PREVENT LEAKAGE OF AIR INTO AND OUT OF CEILING SPACE.
2. ALL FISSURES, CRACKS, OPENINGS, PIPE & CONDUIT PENETRATIONS OF PARTITIONS BETWEEN ZONES AS DELINEATED ON SHEET 7 SHALL BE CALKED AND SEALED TO PREVENT LEAKAGE OF AIR INTO AND OUT OF ADJACENT ZONE.
3. EXISTING ASBESTOS CEILING TILE IN SPACES 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 SHALL BE SEALED BY A TROWELLED ON SEALANT AND SPRAYED WITH A FINISH TO FACILITATE CLEANING. - SEE SPECIFICATION.
4. ALL EXISTING EXTERIOR WINDOWS SHALL BE TACK WELDED INTO PLACE, TAPED AND SEALED AGAINST AIR LEAKAGE.
5. SEE SHEETS 6, 7, 8, 9 & 15 FOR LOCATION OF PIPE AND CONDUIT SLEEVES, AND DUCT OPENINGS THROUGH WALLS AND ROOFS. THESE OPENINGS SHALL BE SEALED AS PER NOTES 1 & 2. ALSO SEE DETAIL ON SHEET 12.
6. SEE MECHANICAL DRAWINGS INCLUDING SHEET 6 FOR EXTENT OF NEW UNDERFLOOR SEWER LINES, PIPING AND FLOOR DRAINS. CUT EXISTING CONCRETE FLOORS, WALLS, PARTITIONS, AND OTHER BUILDING COMPONENTS TO PERMIT INSTALLATION OF MECHANICAL PIPING AND APPURTENANCES. AFTER BACKFILLING, CONCRETE FLOORS, WALLS, PARTITIONS AND OTHER BUILDING FEATURES SHALL BE PATCHED & RESTORED SIMILAR TO EXISTING WHEN NEW.
7. SEE SHEET 7 FOR NEW DUCT, FLUE & PAN SLEEVES IN WALLS & ROOF.
8. ENLARGE AIR OPENINGS AT FLOOR - SEE SHEET 7.

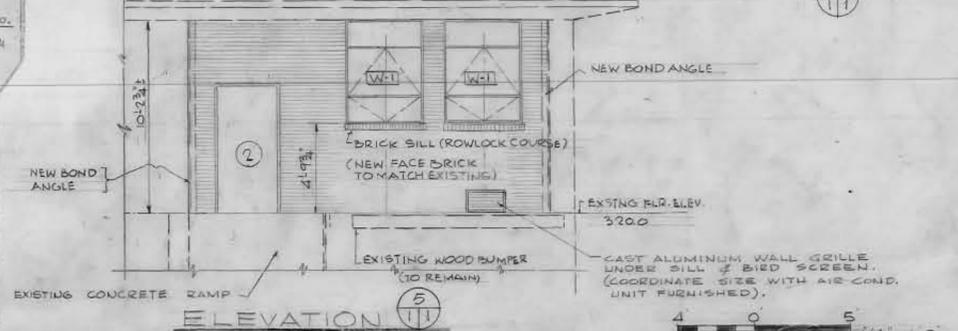
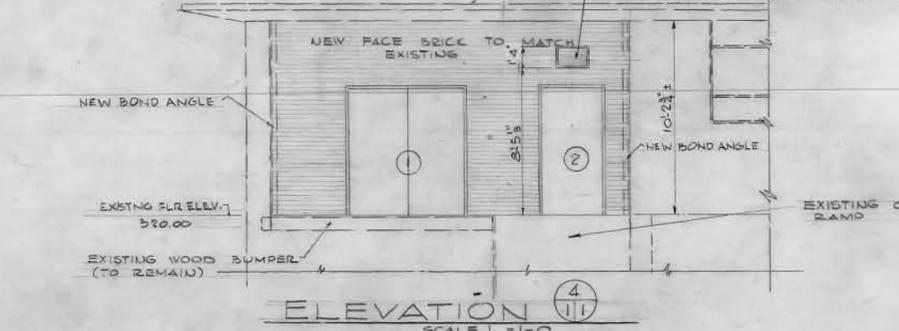


FLOOR PLAN OF EXISTING BUILDING WITH ADDITIONS & MODIFICATIONS SCALE 1/4" = 1'-0"

RECORD DRAWINGS

CONTRACT NO. DA-18-020-ENG-3925  
 CONTRACTOR DUNDEE, INC. WILMINGTON, DEL.  
 STARTING DATE JULY 1966  
 COMPLETION DATE JUNE 1967

Title	Sheet No.	Drawing No.
Plan, Elevations and Details - Arch.	1	40-07-14
Sections, Elevations and Schedules - Arch.	2	"
Plan of Addition and Details - Arch. - Struct.	3	"
Decontamination Plant Plan, Elevations and Details - Arch.	4	"
Decontamination Plant - Structural Plans - Miscellaneous Details	5	"
Floor Plan - Plumbing	6	"
Floor Plan - Mechanical	7	"
Roof Plan - Mechanical	8	"
New Boiler Plant	9	"
Decontamination System	10	"
Present Roof Plan - Mech. Details	11	"
Plot Plan - Mech. Details	12	"
Mechanical Details	13	"
Control Diagrams	14	"
Floor Plan - Electrical	15	"
Riser Diagram - Elec. Details	16	"



Aug 68 As Constructed EGH

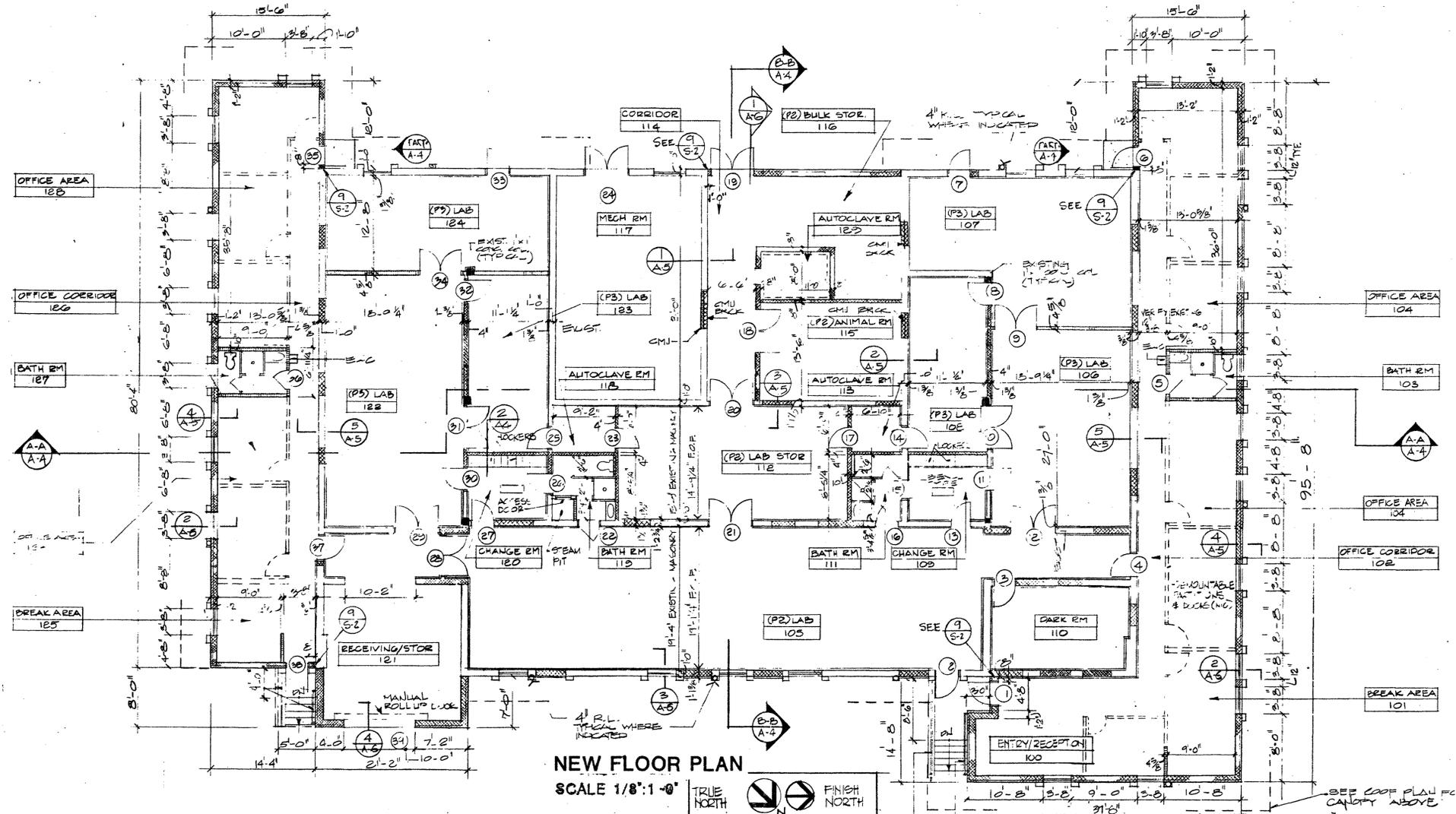
REVISION	DATE	DESCRIPTION	BY
1	Aug 68	As Constructed	EGH

WELLER & SCOTT CONSULTING ENGINEERS WASHINGTON, D.C. CORPS OF ENGINEERS U.S. ARMY OFFICE OF THE DISTRICT ENGINEER BALTIMORE DISTRICT BALTIMORE, MARYLAND

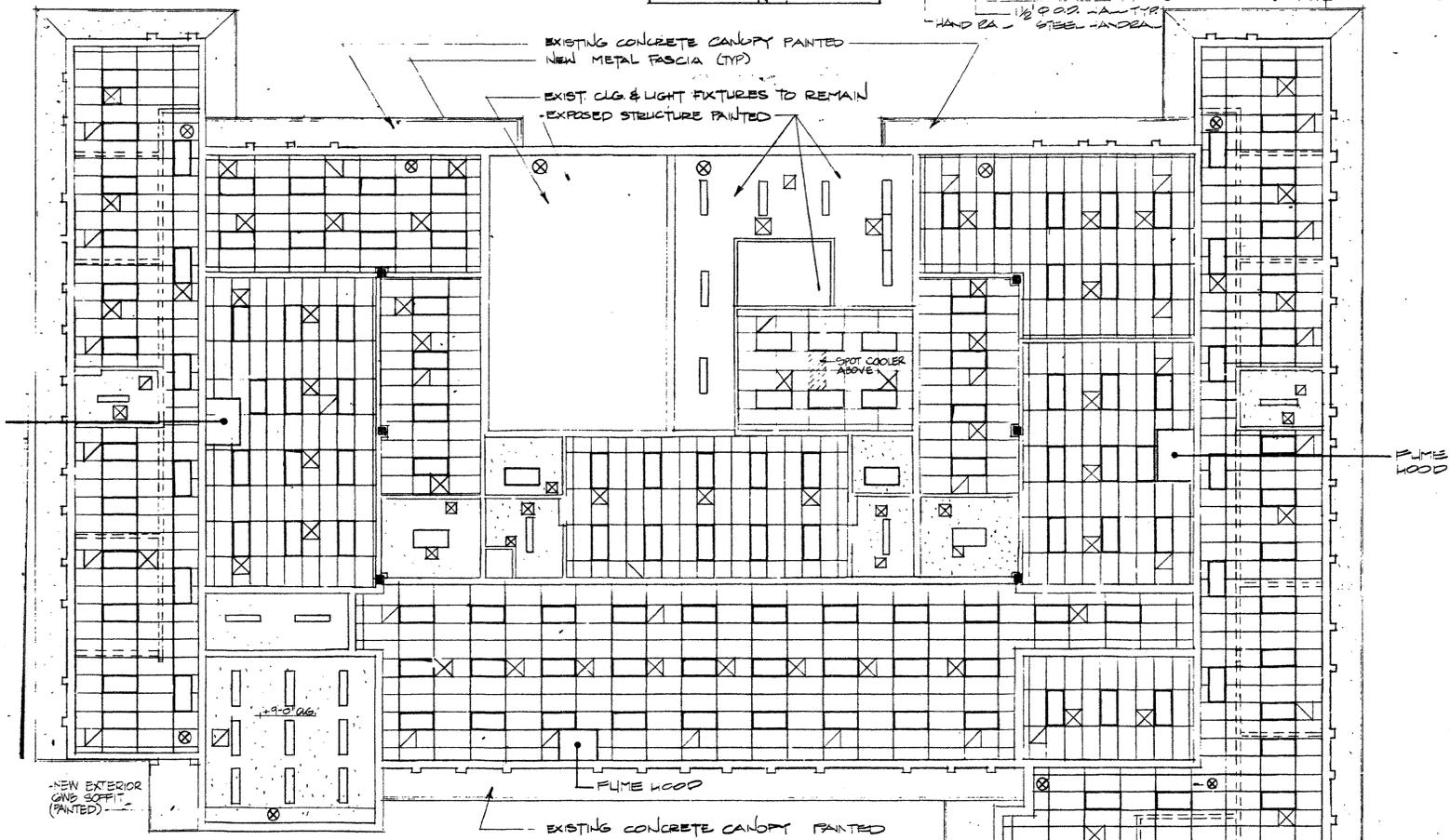
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 RECOMMENDED: [Signature]  
 APPROVED FOR: [Signature]

WALTER REED MEDICAL CENTER WASHINGTON, D.C. 20012 MODIFICATION OF BUILDING 508 HAZARDOUS RESEARCH PLAN, ELEVATIONS AND DETAILS ARCHITECTURAL

DATE: 17 MAY 66  
 SCALE: AS SHOWN  
 SPEC. NO.:  
 DRAWING NUMBER: AS-BLT 40-07-14  
 SHEET: 1



**NEW FLOOR PLAN**  
SCALE 1/8":1'-0"



**NEW REFLECTING CEILING PLAN**  
SCALE 1/8":1'-0"

**LEGEND**

- NEW PAINTED DRYWALL CEILING
- NEW SUSP. ACoust. TILE CLG.
- 2"x4" LAY IN FLOOR LIGHT FIXTURES
- 1"x4" SURFACE FLOOR LIGHT FIXTURE (SUSPENDED IN AREAS OF EXPOSED STRUCTURE)
- 24"x24" SUPPLY DIFFUSER (SEE MECH)
- 24"x24" RETURN AIR/EXHAUST GRILLE (SEE MECH)
- EXIST. LIGHT (SEE ELEC)
- 3/8" STUD PARTITION W/ 1/2" GANB BOTH SIDES & SOUND INSULATION (49% RH)
- CMU & BRICK
- EXISTING 12" x 12" CONCRETE COLUMNS

REVISION		DATE		DESCRIPTION	
<b>WALTER REED ARMY MEDICAL CENTER</b> FACILITIES ENGINEERING DIVISION WASHINGTON, D.C. 20012					
<b>RENOVATION &amp; ADDITION TO BLDG 508</b>					
<b>DIRECTOR OF FACILITIES ENGINEERING</b> WASHINGTON, D.C. 20012					
<b>NEW FLOOR PLANS</b>					
REVIEWED BY	DATE	APPROVED BY	DATE		
DESIGNED BY	DATE	PROJECT NO.	DATE		
CH. UTILITIES BY	DATE	PROJECT NO.	DATE		
CH. ELEC. & GROUND BY	DATE	PROJECT NO.	DATE		
SUBMITTED BY		DATE		APPROVED BY	
SUPERVISOR		DATE		APPROVED BY	
SCALE		DATE		APPROVED BY	
AS NOTED		DATE		APPROVED BY	
PROJECT NO. FW001965J		DATE		APPROVED BY	
FE001436J		DATE		APPROVED BY	
SHEET 2		DATE		APPROVED BY	
OF 5		DATE		APPROVED BY	
2		DATE		APPROVED BY	