APPENDIX E CULTURAL RESOURCES EVALUATION REPORT



NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION OF THE NATIONAL WILDLIFE
HEALTH CENTER
Proposed Modernization of the National
Wildlife Health Center Madison, Wisconsin

Prepared for:

United States Geological Survey

Prepared by:

WSP USA Inc.

December 13, 2022

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION OF THE NATIONAL WILDLIFE HEALTH CENTER

Proposed Modernization of the National Wildlife Health Center - Madison, Wisconsin

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United States Department of the Interior

U. S. GEOLOGICAL SURVEY
Box 25046 M.S. 205
Denver Federal Center
Denver, Colorado 80225

DATE: December 13, 2022

State Historic Preservation Office Wisconsin Historical Society 816 State Street Madison, Wisconsin 53706

Attn: Kay Romanin, State Historic Preservation Office – Compliance, Wisconsin Historical Society

Re: Proposed Modernization of USGS National Wildlife Health Center

Dear Ms. Romanin:

The United States Geological Survey (USGS) is initiating the Section 106 process pursuant to 36 CFR 800.3, because the above referenced project may have a potential impact on historic properties. Enclosed for your review is a memo containing the National Register of Historic Places (NRHP) evaluation of the USGS National Wildlife Health Center (NWHC), located in Madison, Wisconsin. The NRHP Evaluation was prepared in support of an Environmental Impact Statement (EIS) being prepared in advance of the proposed undertaking to fulfill the requirements of the National Environmental Policy Act of 1969, as amended.

We are requesting consultation and comment on the proposed undertaking and as such have included a Request for SHPO Comment and Consultation on a Federal Undertaking Form with attached supporting documentation.

We appreciate your assistance and look forward to your comments. Should you have any questions, please contact me at 916-606-7460 / email: jsizemore@usgs.gov.

Sincerely,

Jordan D. Sizemore, REM

Environmental Protection Specialist

U.S. Geological Survey

Jordan Sizemore



MEMO

DATE: December 13, 2022

TO: Kay Romanin, State Historic Preservation Office – Compliance, Wisconsin

Historical Society via email at compliance@wisconsinhistory.org

FROM: Kate Umlauf, Architectural Historian, WSP USA Inc.

SUBJECT: Request for SHPO Comment and Consultation on Federal Undertaking:

Proposed Modernization of USGS National Wildlife Health Center with

National Register of Historic Places Evaluation

On behalf of the United States Geological Survey (USGS), WSP USA Inc. (WSP) is requesting Wisconsin State Historic Preservation Office (SHPO) comment and consultation on the proposed modernization of the National Wildlife Health Center (NWHC) in Madison, Dane County, Wisconsin (Figures 1 and 2). Attached supporting documentation includes a Request for SHPO Comment and Consultation on a Federal Undertaking Form (Attachment A) and a Wisconsin Historical Society – State Historic Preservation Office Determination of Eligibility Form (Revised 2022) for the NWHC (Attachment B).

The NWHC was established in 1975 as the first bio-medical laboratory dedicated to assessing the impact of disease on wildlife and identifying the role of various pathogens in contributing to wildlife losses. Designated as a "mission essential" facility, the NWHC remains today the only national center devoted to wildlife disease detection, control, and prevention in the United States. However, the age and space limitations of the present facility pose a growing challenge to the NWHC's ability to perform its mission. The result is a need to design and construct a new facility to contemporary standards, thereby ensuring that the NWHC can continue to accomplish its mission successfully. The USGS, which oversees the NWHC, is proposing to construct and operate the new facility on the grounds of the present NWHC in Madison. Attachment C provides the conceptual project designs for the long-term modernization plan (USGS 2017). Redevelopment of the NWHC would result in the following actions:

- The City of Madison is planning to install a new traffic signal at the junction of Schroeder and
 Forward roads just west of the NWHC entryway. Since the volume of traffic along Schroeder
 Road has made it difficult for staff and visitors to safely arrive at and depart from the NWHC
 during peak hours, a proposed new entryway from Forward Road would be built.
- The current 98 parking spaces at the NWHC would be increased to 150 spaces to meet the needs of visitors, students, and peak staff attendance.
- All existing utilities would remain functional throughout the new NWHC construction and until all existing buildings are vacated and decommissioned.
- Bulk autoclaves and alkaline tissue digesters (or equivalent systems) would be used for animal waste disposal, eliminating the use of the current two incinerators.
- Two emergency generators would be installed in a proposed utility yard.

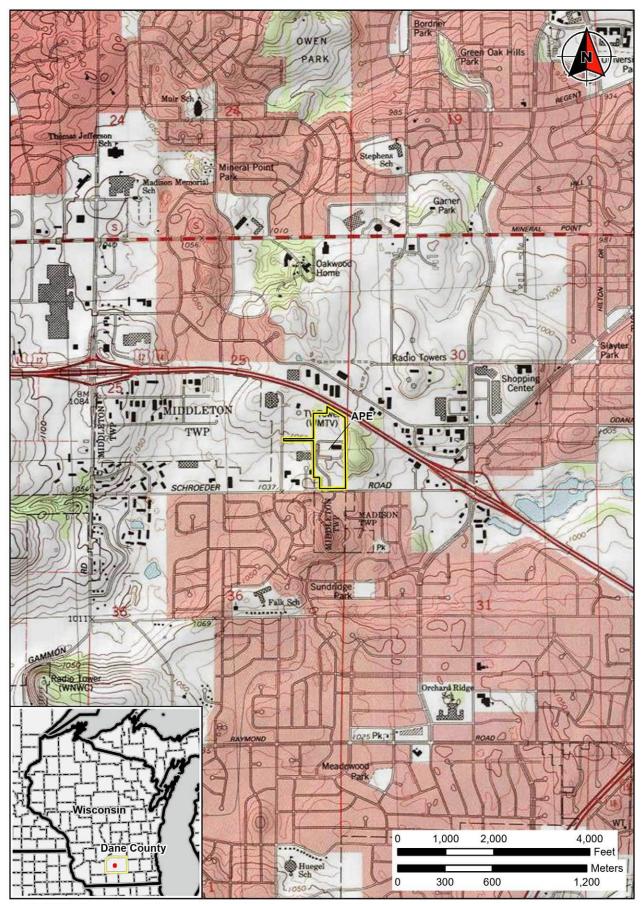


FIGURE 1: Project Location, Madison, Wisconsin (ESRI USA World Topo 2019)



FIGURE 2: Locations of NWHC Architectural and Non-Architectural Resources (ESRI World Imagery 2021)

- The maintenance garage would be expanded to accommodate expanded support functions.
- Energy-efficient lighting would be installed along internal walkways and parking areas, avoiding excessive illumination of adjacent areas.

In support of an Environmental Impact Statement (EIS) being prepared for the proposed modernization of the NWHC, WSP has completed a National Register of Historic Places (NRHP) evaluation of the NWHC to determine the potential for impacts to historic properties as a result of the undertaking.

As this memo will conclude, it is WSP's opinion that the NWHC is not eligible for inclusion in the NRHP.

INTRODUCTION

The purpose of the NRHP evaluation was to provide a recommendation on the eligibility of the NWHC for listing in the NRHP. The facility contains three primary buildings: the Main Building (MB), the Tight Isolation Building (TIB), and a garage. The buildings were evaluated by applying the four evaluation criteria and seven integrity factors as outlined in *National Register Bulletin No. 15: How to Apply the National Register Criteria for Evaluation* (National Park Service [NPS] 1990). The NRHP evaluation comprised background research, architectural survey, review of the Wisconsin Historic Preservation Database (WHPD), archival research at the Wisconsin State Archives, and review of historic digital photography of NWHC buildings.

METHODOLOGY

WSP conducted background research to produce appropriate historical overviews of the development, chronology of use, design, and construction of the NWHC facility with focus on the history and construction of the MB. WSP architectural historians reviewed historical newspapers, publications of the USGS, United States Congressional appropriation reports, annual reports from the NWHC, and architectural drawings and digital photographs of the facility provided by USGS.

WSP contacted and reviewed available sources at local, state, and federal repositories, including the Wisconsin State Historical Society Archives, the University of Wisconsin Archives, and the National Archives and Records Administration (NARA) at Chicago, Illinois. Correspondence records of the NWHC from the late 1990s were located at the Steenbock Library of the University of Wisconsin. No records pertaining to the NWHC were found at the Chicago NARA or at the Wisconsin State Historical Society Archives. Other key resources for contextual information included historical newspapers, annual reports from the NWHC, reports of the U.S. Fish and Wildlife Service (USFWS), appropriation reports of the USGS, U.S. Congressional Appropriation Hearings for the Department of the Interior and related agencies, and architectural drawings and digital photographs of the facility provided by USGS.

Under the supervision of WSP Manager of Historic Preservation Camilla McDonald, WSP Architectural Historian Kate Umlauf conducted the fieldwork for the NWHC on September 20 and 21, 2022. Architectural fieldwork was concurrent with a site visit by WSP Vice President and Project Manager Robert Nardi, and WSP Environmental Planner Jessica Forbes-Guerrero facilitated the first steps in developing the EIS.

Architectural fieldwork consisted of thorough investigation of the NWHC facilities—surveying and photographing the exteriors and interiors of the buildings, speaking with USGS property managers, and reviewing available onsite historical records and information, including building floor plans and historic photographs. Following fieldwork, architectural drawings of the proposed renovation of the MB in 1979 and as-built drawings of the TIB were provided to WSP by the USGS. During the site visit, the WSP

architectural historian visited the Wisconsin SHPO to review the WHPD to identify any previously recorded historic and archaeological resources located at the facility or surveys conducted there.

The background research and field survey provided data for evaluating the NWHC's potential eligibility for inclusion in the NRHP using the NRHP Criteria (36 Code of Federal Regulations [CFR] 60.4). According to the National Register Criteria, properties may be eligible for the NRHP if

- A. they are associated with events that have made a significant contribution to the broad patterns of our history,
- B. they are associated with the lives of significant persons in our past,
- C. they embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction, or
- D. they have yielded, or may be likely to yield, information important in history or prehistory (NPS 1990:7).

The facility was also evaluated under Criteria Consideration G for properties achieving significance within the past 50 years if they are of exceptional importance.

To aid in the evaluation, WSP used two resources produced by the United States General Services Administration (GSA): Growth, Efficiency, and Modernism (GEM): GSA Buildings from the 1950s, 1960s, and 1970s (GEM Book) (GSA 2001), which provides a historic context for GSA's modern buildings, and the Determination of Eligibility Assessment Tool (GSA 2021), a checklist intended to aid in the evaluation of significance for modern federal buildings. Although the NWHC was not designed by or leased by GSA, the facility shares similar architectural and historical characteristics to typical GSA buildings and modern federal buildings in general. These sources are specific to GSA, but they offer a framework for evaluating modest, modern federal buildings using a predeveloped historical context. WSP consulted with GSA Region 3 Historic Preservation Officer Donna Andrews on the use of the Determination of Eligibility Assessment Tool to assess non-GSA federal properties and determined its use appropriate for evaluating the NWHC.

This report was prepared in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended; the Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation of 1983 (48 *Federal Register* 44716), as amended; and *Intensive Survey Manual* (Wisconsin Historical Society 2022). The architectural historian who performed the evaluation exceeds the Professional Qualifications Standards specified in 36 CFR 61.

PREVIOUS CULTURAL RESOURCE SURVEYS

WSP conducted an in-person review of the WHPD to identify previously recorded archaeological and architectural resources or previously conducted surveys at the NWHC.

Archaeological Results

One archaeological investigation has been previously conducted at the NWHC (Table 1). The survey— Archaeological Survey of Ansul Laboratory Site and Adjacent Woods (Price 1977)—was conducted at NWHC in 1977 ahead of renovations to the MB and the construction of the TIB. Prior to the field investigations, the surveyors conducted background research and determined that no previously recorded archaeological resources were located within the project area, as the only recorded site within the Section (Section 30) was 1.5 miles to the east. The survey involved the surface inspection of the entire area proposed for the construction of the TIB (an approximately 12-acre area north of the MB) and subsurface investigation at 20-meter intervals. An additional 10-acre tract of woods was inspected on the surface and with six test pits at the south end of the tract near Schroeder Road. The archaeological investigation did not locate any archaeological or historical resources in the project area, and it was determined that no cultural resources would be damaged as a result of the proposed undertaking (Price 1977). A copy of this survey is included with this memorandum for reference (Attachment H).

TABLE 1: LIST OF PREVIOUSLY RECORDED ARCHAEOLOGICAL SURVEYS AT AND IN THE VICINITY OF THE NWHC

ARI NUMBER	REPORT TITLE	REPORT YEAR	RESULTS
573	Archaeological Survey of the Ansul Laboratory Site and Adjacent Woods	1977	No evidence of archaeological remains.

Architectural Results

No architectural surveys or evaluations have previously been conducted at the NWHC facility.

HISTORIC AND ARCHITECTURAL CONTEXT

Historical Overview of the Development of the NWHC

This section provides a historical overview of the development of the NWHC, spanning Ansul Laboratories and the establishment of the NWHC from 1975 to 1977, USFWS operation and NWHC expansion from 1978 to 1992, and USGS operation of the NWHC from 1993 to the present.

Ansul Laboratories and Establishment of the NWHC (1975 to 1977)

Ansul Chemical Company (Ansul), also known as Ansul Laboratories or the Ansul Research Center, operated at 6006 Schroeder Road from 1969 to 1974. The company was originally formed in 1916 in Marinette, Wisconsin, as a manufacturer of fire protection products and industrial and agricultural chemicals, but a new facility was eventually built in Madison to "bolster [the company's] marketing and development activities" (*Wisconsin State Journal [WSJ*] 1969). Construction of the new laboratory began in 1968 with a projected opening in September 1969. The company hoped Ansul scientists at the new facility would benefit from proximity to the resources of the University of Wisconsin, Madison. Ansul also had long-term plans to develop the land surrounding the building into a prairie ecology with native Wisconsin plants (*WSJ* 1969). In 1970, *The Capital Times* reported on the opening of the company's 25,000-square-foot brick research center at 6006 Schroeder Road in 1969 (*The Capital Times* 1970). Work at the center included "applied research in the areas of new fire extinguisher agents and agrichemicals, with emphasis on herbicides and growth regulating chemicals" (*The Capital Times* 1970). Those employed at the facility worked as analytical, organic, and physical chemists, biochemists, and engineers. At the time this facility opened, Ansul operated from its headquarters in Marinette and subsidiary locations in Belgium, the Netherlands, Canada, Mexico, and Venezuela (*WSJ* 1969).

In its short existence at 6006 Schroeder Road, Ansul was the subject of controversy and had major incidents at the facility. Newspaper articles from the 1970s commonly reported chemical fires at the facility causing extensive damage, speculatively caused by firebombing or arson (WSJ 1970a, 1970c). In January 1971, attendees of a Chicago scientific convention accused Ansul of producing and selling

herbicides to the government that might have been used in the Vietnam War and caused stillbirths and birth defects in victims (*The Capital Times* 1971). Nothing appears to have come from these accusations.

Ansul did not make alterations to the laboratory building during its tenure; however, landscape changes were made in 1970. Construction of frontage roads on the Beltline Highway resulted in the transplanting of approximately 400 trees from the construction project area to the Ansul Chemical Co. property (WSJ 1970b). The motivations of the chemical company to acquire these trees are not clear. The decision possibly falls in line with the company's intent to restore native vegetation to the property.

Ansul's stay at Schroeder Road ended in 1974 when Schroeder Park Square, a joint venture company, purchased the property. The building then sat vacant for three years prior to USFWS ownership (WSJ 1977b).

In June of 1975, the USFWS established the National Wildlife Health Laboratory, also referred to as the Fish and Wildlife Health Laboratory, on the University of Wisconsin, Madison campus and on two other temporary locations in Madison provided by the State of Wisconsin (United States Congress 1978:399). This formed a federal research site that consolidated USFWS wildlife health programs from around the country (WSJ 1977c). However, when needed for use by the University and the State, the spaces could no longer be used by the agency and a new facility was needed. In the spring of 1977, the WSJ reported that a U.S. House of Representatives Appropriations Subcommittee approved \$2.83 million for the purchase and renovation of a permanent site in Madison for the National Fish and Wildlife Health Laboratory (WSJ 1977a, 1977c). The USFWS planned to purchase the property at 6006 Schroeder Road and convert it into a laboratory suited for the research and prevention of disease in wildlife.

USFWS Operation and NWHC Expansion (1978 to 1992)

The USFWS reportedly purchased the Ansul building and adjacent 23 acres for \$1.1 million, leaving over \$1 million of the initial funds available for renovation. Renovations aimed to further consolidate wildlife health programs in the state, such as postmortem wildlife examinations previously conducted by the Central Animal Health Laboratory operated by the Wisconsin state Department of Agriculture (WSJ 1979). At the time of purchase, the USFWS estimated an additional \$5.4 million would be needed to complete the facility.

After the building's purchase in 1978, the Denver Engineering Center of the USFWS developed plans for remodeling the National Wildlife Health Lab. The plans were completed in May 1979; in July, the USFWS contracted Hooper Construction Co. of Madison, Wisconsin, to begin the renovation of the Ansul Laboratory to become the existing MB of NWHC (WSJ 1979). Funds were requested from Congress in 1978 for fiscal year 1979 for the construction of a separate tight isolation facility and for the development of an entrance road, park, and landscaping at the Schroeder Road site (United States Congress 1978:399).

The USFWS dedicated the NWHC MB in 1983 upon completion (Figure 3). At a cost of \$6.4 million, the upgraded facility was compared as equivalent to the Center for Disease Control in Atlanta, Georgia, and the United States Department of Agriculture's (USDA's) National Animal Disease Center in Ames, Iowa, for domestic livestock (*The Capital Times* 1983). Between 1975 and 1983 the NWHC had grown from three to 30 employees and served as the only federal laboratory in the country with a primary orientation to the control of diseases of wildlife for the sake of wildlife.

Operation of the facility required annual budget appropriations for the USFWS. In 1982, operating costs were approved for \$1.06 million for use in 1983. In the same year, Congress approved \$2.7 million for the construction of the TIB, a separate isolation facility for infectious disease research (WSJ 1982b). Despite these funding successes, the laboratory faced threats of closure in its early years of operation at



FIGURE 3: Photograph of Dr. Milton Friend, Director of the National Wildlife Health Laboratory, and Christopher Brand Showing a Bald Eagle at NWHC in 1983 (*The Capital Times* 1983)

the Schroeder Road site. The U.S. Department of the Interior proposed closure of the facility in 1981 as a cost saving measure and again in 1982 by removing it from the department budget as a whole. Those in favor of closing the facility cited the existence of other wildlife research centers, such as the Patuxent Wildlife Resource Center in Laurel, Maryland, and the Denver Wildlife Research Center in Colorado, which could potentially handle the work of the NWHC. Ultimately, Representative Kastenmeier lobbied for the importance of the NWHC as a unique facility that deals with wildlife health rather than wildlife disease threats to humans or livestock and successfully reinstated the NWHC budget for the year 1983 (WSJ 1982a).

The TIB building was completed in 1985, modified in 1989, and dedicated in August 1990 (NWHC 1994:19) (Figure 4). This building provided state-of-the-art biocontainment facilities required for live animal work with highly infectious and hazardous disease agents. The separation of the TIB from the MB was intentional to provide an added barrier against cross-contamination (NWHC 1994:1, 19). A third administrative building proposed by the USFWS for the NWHC was never constructed.

USGS Operation of the NWHC (1993 to Present)

In 1993, the United States Department of the Interior transferred the NWHC from the USFWS to the National Biological Survey (NBS), later changed to National Biological Service. NBS formed in 1993 through the consolidation of certain biological research functions of the USFWS, including the NWHC, NPS, Bureau of Land Management, Minerals Management Service, Office of Surface Mining Reclamation and Enforcement, USGS, and Bureau of Reclamation. In 1996, the Department of the Interior transferred NBS to the USGS and renamed NBS to the Biological Resources Division (Western Ecological Resource Center 2022). Since 1996, NWHC has been operated by the USGS (NWHC 2022).

Federal Wildlife Disease Research (1886 to Present)

According to the USGS, wildlife disease was largely ignored in the U.S. until the early 1900s. Prior to the turn of the century, federal involvement in wildlife and human relationships stemmed from the work of the USDA Bureau of Biological Survey. Laboratory experiments began in 1905 on the control of rodents and damage to agricultural resources. According to former director of the National Wildlife Research Center, Richard Curnow, these activities were headquartered in a laboratory in Albuquerque, New Mexico, until the lab moved in 1920 to Denver, Colorado, known then as the Control Methods Research Laboratory (Curnow 1996:6). Other sources identify the lab as having opened in New Mexico in 1920 and moved to Denver in 1922 (Denver Wildlife Research Center [DWRC] 1968). Nevertheless, this laboratory seems to represent the earliest federal wildlife research center in the United States. Research at this lab in the 1920s centered on the study of wildlife food habits, particularly the consumption of foods with botulism. As such, a food habits laboratory opened at the Denver location in 1931 to continue the research. In August 1940, the USDA Bureau of Biological Survey merged with the Bureau of Fisheries to form the Fish and Wildlife Service. At this time, the two Denver labs combined under the name Denver Wildlife Research Laboratory, later changed to Denver Wildlife Research Center in 1960 (Curnow 1996:6-7). Over many years of expanded and changing areas of research, today the center is housed on the Colorado State University's campus in Fort Collins and focuses on the effects of wildlife disease and patterns on agricultural resources and human life (Curnow 1996; Animal and Plant Health Inspection Service [APHIS] 2022).

The Patuxent Wildlife Research Center in Laurel, Maryland, recently merged with the Leetown Science Center to form the Eastern Ecological Science Center. It was originally established in 1936 as the first wildlife experiment station for the Bureau of Biological Survey in the United States and has since focused on the effects of wildlife disease and patterns on natural resources. In the early days of the station, investigations centered on food habits of wildlife and then transitioned to the effects of farming on wildlife

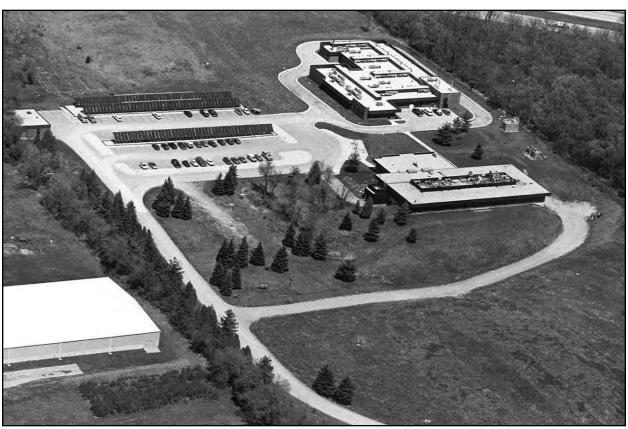


FIGURE 4: Aerial Photograph of NWHC Main Building and Tight Isolation Building with View of Facility Garage and Parking Lot with Solar Panels, 1988 (NWHC Facility Records)

after World War II—in particular, the use of DDT (Trauger and Noon 1989:4-7).

In the 1930s and 1940s the federal government had around one dozen locations across the country where wildlife disease research took place, yet no comprehensive agency program to lead it (NWHC 2018). This landscape of national wildlife research scattered among various federal agencies around the country would not change until the establishment of the NWHC when functions of existing research centers were transferred to the USFWS at the Madison location.

The NWHC formed in response to a catastrophic outbreak of duck plague in 1973 at the Lake Andes National Wildlife Refuge in South Dakota (NWHC 1994; Friend 2003:395; Friend and Pearson, 1973:315). Following the outbreak, an "external blue-ribbon committee" appointed by the USFWS evaluated the outbreak and recommended the development of a research facility to address wildlife disease issues (NWHC 1994:1). As described by Representative Kastenmeier to a U.S. House of Representative Subcommittee in 1978, "the Lab is responsible for all major wildlife disease activities carried out by the Fish and Wildlife Service. The [NWHC] serves several important missions. It determines the impact of disease on wildlife resources, principally waterfowl, but also other species, and identifies the role various pathogens have in contributing to these losses. In addition, the Lab develops effective means for disease prevention wherever possible, and it acts to significantly reduce wildlife losses when disease does erupt" (United States Congress 1978:398-399). The center integrates disease diagnosis, field response to disease outbreaks, research, animal welfare, and training of others in disease identification and control into its functions. Clients of the center include federal, state, and private sectors, all of which have contributed to the development of the NWHC as a major focal point for information, technical assistance, and research on wildlife health issues in the country (NWHC 1994).

The work of the NWHC has had a significant impact on the populations of wild animals since 1975, providing crucial information for the protection of human lives and the country's natural and agricultural resources. Wildlife are often early indicators of problems in the environment; therefore, monitoring of disease and detailed investigations lead to a better understanding of how to prevent and manage adverse effects on our valuable resources.

Research and discovery highlights of the NWHC since 1975 includes the study of avian cholera in the early 1980s that determined the disease could spread from previously infected birds. It was thought to have been impossible for birds to survive the disease; therefore, the discovery of previous carriers was a major finding. The NWHC played a major role in the surveillance of West Nile virus (WNV) throughout the country in the early 2000s. WNV was first detected in the New York City area in 1999 and is known as one of the leading causes of mosquito-borne disease in the U.S. The NWHC immediately began surveillance die-off investigations and experimental studies to explore the effects of WNV on public health and wild bird populations. A major discovery of the NWHC occurred in 2008 when scientists identified the fungus that causes white-nose syndrome (WNS) in bats, a widely known disease that has affected millions of bats in the U.S. Table 2 lists highlighted investigations and discoveries of the NWHC since 1975.

TABLE 2: LIST OF NWHC RESEARCH HIGHLIGHTS SINCE 1975

YEAR	NAME/SUBJECT	RESULTS
Early 1980s	Avian cholera	Three-year study determined the prevalence of cholera in the wild is caused by birds that previously survived the disease, which was previously thought not be possible.
1982	Plants and lichens	Plants and lichen studied to document the effects of air pollution.
1983-1985	Lead poisoning	Study led to a ban on toxic lead shot for hunting.
1989	Exxon-Valdez oil spill	Investigation into the extreme die-offs linked to the oil spill aided in \$150 million settlement between Exxon and the U.S. Government.
1992-1998	California sea otter study	Investigation into high numbers of sea otter mortality linked to parasitic, fungal, or bacterial infections.
1994	Avian vacuolar myelinopathy (AVM)	Investigation of the death of 29 bald eagles in Arkansas led to identification of AVM, a neurological disease now monitored to characterize environmental factors that lead to the disease.
1996	Type C botulism	Investigation into a large outbreak of avian botulism in California birds and the role of fish in the disease.
1998	Amphibian malformations	Investigation into the increase in frog malformations linked to environmental factors.
1999	WNV	Surveillance, die-off investigations, and experimental studies of WNV since detection in New York City in 1999.
1999	Avian botulism	Developed a model for the disease.
2001	Plague immunization	Study into the plague of black-footed ferrets and prairie dogs and the feasibility of immunization.
2002	Chronic wasting disease (CWD)	Disease of the nervous system in deer and elk researched by the NWHC.
2004	Mississippi gopher frog	Discovery of a new infectious agent that nearly decimated the endangered Mississippi gopher frog.
2004	WNV	WNV was detected in several new species of wild birds in the Dakotas and the southeast. New diagnostic test developed for WNV in bird carcasses.
2006- present	Highly pathogenic avian influenza (HPAI)	Research, detection, and characterization of HPAI in wildlife and the environment.
2007-2008	WNS in bats	Discovered the fungus causing WNS, a devastating disease affecting millions of bats.
2018- present	WNS response	Detection, monitoring, treatment, assessment of impacts, and adaptive management continues by NWHC scientists.
2020	Rabbit hemorrhagic disease virus 2	Investigation and testing of disease.
2021	SARS-CoV-2 in wildlife	NWHC assess the prevalence of SARS-CoV-2 in wildlife.

Sources: USGS 2009, 2018; Hopkins and Soileau 2018; Harris et al. 2015; NWHC 2021.

The Patuxent Wildlife Research Center on the Patuxent Wildlife Refuge offers an architectural comparison for the NWHC facility. The Patuxent Center operates from several buildings, one of which is the 1969 Gabrielson Laboratory built during a construction phase that accounts for multiple Patuxent Center laboratories built between 1963 and 1970 (Trauger and Noon 1989:3) (Figure 5). The Gabrielson Laboratory remains the largest building used at the research center. Three additional research buildings that date to 1941, the Merriam, Henshaw, and Nelson Laboratories, are retained as those first constructed for the research center (Trauger and Noon 1989:3).



FIGURE 5: Illustration of the Gabrielson Laboratory, Patuxent Wildlife Research Center, Laurel, Maryland, 1969 (Wildlife Management Initiative 1969)

Architectural Context

The administration of President John F. Kennedy ushered in a new era of federal building design. In 1962 Kennedy appointed an ad hoc committee to carry out a survey of the government's long-term space needs in the area of Washington, D.C. The committee's report, *Guiding Principles for Federal Architecture*, was completed in 1962 and written by Daniel Patrick Moynihan (GSA 2019). These principles solidified the design directives which the federal government continues to follow in the construction of federal buildings. At the core of the three stated architectural principles is a two-part design principle to be met by each design:

First, it must provide efficient and economical facilities for the use of Government agencies. Second, it must provide visual testimony to the dignity, enterprise, vigor, and stability of the American Government (GSA 2019).

The committee made clear that this directive did not require excessively extravagant designs. Rather, the architecture should simply convey the dignified presence of the federal government in the community. Designs were to incorporate modern, local, and regional architectural traditions, and be functional, accessible, and constructed of dependable materials. An official federal architectural style was to be avoided, instead leaving the architectural trends of the period to the discretion and artistry of the architects. The committee hoped to steer the government away from commonplace, uniform designs while maintaining efficiency and economy.

The new principles encouraged agencies to continue a practice of using private architectural firms in hopes of inspiring innovative designs; however, many new public buildings continued to resemble private sector buildings, an issue of federal building design since the early 1950s and one the principles intended to solve. As stated in GSA's GEM Book,

For the most part, buildings that were constructed after the issuance of the 'Guiding Principles for Federal Architecture' were less ornate and monumental than those of previous decades, yet they retained a formality – often through the use of symmetry and scale – that would not be as prevalent in public buildings of the 1980s and 90s. While most noticeable improvements in Federal design occurred in Washington, and other large cities...the exact extent to which Kennedy's initiative spread to other regions of the United States remains less clear but appears to be minimal (GSA 2001:45).

During the 1970s, particularly after the 1973 oil crisis, energy conservation mandates shaped federal building designs. Windows, insulation lighting, and HVAC systems were designed to reduce or minimize energy consumption (GSA 2001:75). Under the administrative lead of Robert L. Kunzig, appointed in 1969 by President Richard Nixon, construction management shifted to a phased approach, which allowed construction to begin prior to the completion of the design, reducing the overall time for construction. In addition, more attention was given to budgets and long-term investments in buildings (GSA 2001:52).

In 1972 U.S. Congress passed the Public Building Amendments of 1972 (Public Law 92-313). These amendments to the Public Buildings Act of 1959 (Public Law 86-249) were the first to legislate the quality of design expected for federal buildings. This law directed agencies to "give due consideration to excellence of architecture and design" and was quickly followed by the Brooks Act of 1972, which required agencies to consider only the qualifications of architects without consideration of fees (GSA 2001:55). Daniel Patrick Moynihan, author of the 1962 *Guiding Principles for Federal Architecture*, further advocated for the improvement of federal buildings when he sponsored the Public Buildings Amendments of 1988 (Public Law 100-678). The 1988 amendments sought to improve the efficiency and effectiveness of management of public buildings by, among other provisions, requiring the Administrator of General Services to establish detailed specification requirements for any new building or leased space.

This period of federal architectural design has evoked mixed reactions. Some critics note a lack of quality and innovation, citing bland exteriors and impersonal feelings evoked by the buildings, whereas others commend the designs as "cost-conscious, non-authoritarian, sensitive, and inclusive," citing their accessibility, clear glass for views of the interiors, and inviting landscaping (GSA 2001:55). The USFWS acquired the NWHC Ansul Laboratory building late in this period of federal architectural design and did not involve GSA in the acquisition or renovation. GSA had assumed responsibility for construction of federal buildings in 1959 through the Public Buildings Act and typically relied on private architects to design new buildings. The choice of the USFWS to purchase an existing, private sector property for renovation and future development was unique. While these facts somewhat remove the NWHC facility from association with federal architecture of the 1950s, 1960s, and 1970s, the building's appearance and features do seem to adhere to several of the guiding principles of 1962. The 1969 Ansul building already took on a similar style to modern federal buildings—an expected comparison, given that federal agencies were frequently criticized for designing buildings that resembled private sector buildings (GSA 2001:45). Therefore, the 1980s renovations to the building in its transition to a federal use retained a "federal" feel without many changes made to the exterior.

ARCHITECTURAL DESCRIPTION

Table 3 lists the buildings and structures surveyed at the NWHC (see locations depicted by Map ID on Figure 2). Figure 2 shows the location of each building within the property parcel boundaries and additional non-architectural resources on the property. Detailed descriptions of each building are provided in this section of the memorandum.

TABLE 3: LIST OF SURVEYED BUILT ENVIRONMENT RESOURCES AT NWHC

MAP ID	NAME	YEAR BUILT	PRIMARY PHOTO
1	NAME Main Building	YEAR BUILT 1969	
2	Tight Isolation Building	1985	
3	Garage	1985	
4	TIB Refrigeration Unit	ca. 2000	

MAP ID 5	NAME	YEAR BUILT	PRIMARY PHOTO
5	Modular Office Building	ca. 2005	
6	Storage Shed	ca. 2017	
7	Prairie Welcome Sign	ca. 2005	
8	Prairie Entrance Shed	ca. 2005	
9	Entrance Gate	ca. 2007/2021	

Setting

The NWHC is approximately 5 miles southwest of the City of Madison, Wisconsin, and contains three primary buildings constructed between 1969 and 1985: the MB constructed in 1969, the TIB constructed in 1985, and a garage constructed in 1985. Additional buildings and structures include three small sheds, a temporary, modular office building, an entrance gate, and an informational sign. The property is entirely surrounded by dense wooded vegetation and in a suburban residential and commercial area, bound to the north by the West Beltline Highway and to the south by Schroeder Road. The parcel to the east contains a large apartment building development and parcels to the west contain the Bill Lister Memorial Field, the Madison Ice Arena, a commercial storage facility, a church, and a small residential lot at the southwest corner of the NWHC property.

At Schroeder Road, a stone and metal entrance gate provides access to the 24.3-acre NWHC property, which features a curved asphalt-paved entrance road, approximately 4.9 acres of restored prairie, a gravel driveway extending to the rear (south) and east elevations of the MB, an asphalt-paved main parking lot, and a secondary gravel parking lot providing public access to the prairie. The primary buildings are clustered around the main parking lot near the northern edge of the parcel. The prairie occupies the southern half of the parcel, while a mix of wooded acres and tall-grass acres cover the remaining areas north of the buildings.

Main Building (Ansul Laboratory, 1969; USFWS Remodel 1978)

The MB at the NWHC was constructed as the Ansul Laboratory in 1969. The building served as a chemical research center and fire protection product manufacturing facility until 1974 when the Schroeder Park Square joint venture purchased the property, after which it sat vacant for three years. After purchasing the property in 1978, the USFWS developed renovation plans to equip the center with necropsy and associated disease diagnostic laboratories, general support laboratories for biological media and reagent preparation, glassware preparation, and other special use areas. The MB was also designed to house administrative support areas, conference rooms, a library, staff offices, data processing, and a records area. This renovation accounts for the existing footprint of the building, which differs slightly from the original 1969 plan of the building. The renovation, completed in 1983, involved additions and reorientation of the main entry, extensive partitioning of the basement and first and second floors, creation of state-of-the-art laboratories, and the installation of new mechanical, electrical, and plumping throughout the building (Figures 6 and 7). The USFWS also installed a passive solar system using a special Department of Energy grant to fund a system that preheated water for the building boilers. Other energy saving innovations installed at the MB included heat recovery devices and options for shifting the heating fuel for the building between oil or natural gas (NWHC 1994:21).

The original 1969 building consisted only of the central rectangular portion of the structure, not including the existing north elevation projection and entry and small additions to the east and west elevations (Figure 8). Between 1979 and 1980, USFWS completed renovations to the interior and exterior of the building. The exterior renovations generally matched the architectural features of the original building. The exterior of the MB has not changed since the 1980s renovation (see Figure 8).

The one-story building stands on a concrete foundation, with full basement, consisting of pier footings and a poured concrete slab. The building has exterior walls of red brick veneer laid in running bond with a course of header bricks at the top course below the roof. The building has an irregular plan with a steel frame flat roof with wide partial overhangs placed above window walls. The overhangs are clad in sheet metal and feature concrete panels on the undersides visible from below. The main entry block, constructed in the 1980s renovation, occupies an L at the northwestern corner of the building. It consists of full-glass double doors with transom facing north and recessed from the façade wall. Metal frame ribbon windows

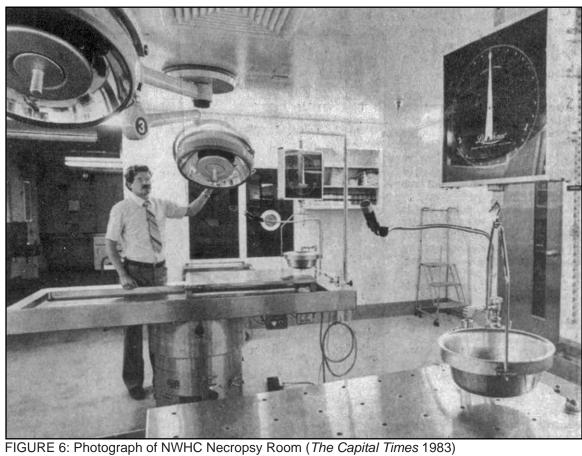




FIGURE 7: Photograph of Renee Sandler Completing Lab Testing at NWHC (*The Capital Times* 1983)



FIGURE 8: Aerial Photograph of NWHC Main Building, ca. 1980 (NWHC Facility Records)

fill the upper half of the western wall of the entry block, all of which is contained underneath an extrawide overhang supported by a single square post at the northwestern corner of the building.

The northern addition to the building formed a new façade, offset on the original north elevation. The addition has a symmetrical design featuring a central bay of floor-to-ceiling metal frame windows below a metal overhang. The bay of windows is flanked by seamless sections of brick lacking fenestration. Around the east elevation of the northern addition are two offset window wall bays, each containing a full-glass entry door with transom. Most of this elevation features a roof overhang that continues onto the north elevation of the original building block. This wall lacks fenestration. The overhang is bisected by a tall, square, brick chimney near the eastern end of the building.

The roof overhang continues around the east elevation of the building, which reveals the basement foundation wall and 1980s addition. The one-story addition to the east elevation of the building has two rectangular sections constructed of concrete block with flat roofs and metal coping. The northernmost section contains an overhead garage door and two solid single-leaf entry doors providing access to delivery rooms. The southernmost section rises taller than the northernmost section and only contains a single entry vestibule at its south elevation providing exterior access to the incinerator room. A tall metal vent stack rises from the roof of the incinerator room.

The south elevation of the building originally functioned as the main façade. It has a central entry bay consisting of double full-glass doors with transom flanked by sections of floor-to-ceiling metal frame windows and outer brick bays. As on the other original building block elevations, the roof overhang runs continuously across the south elevation.

The west elevation contains a small single-story addition at the basement level clad in metal paneled siding and set on a poured concrete foundation. This addition projects from the northern end of the elevation leaving original windows and louvers visible to the south.

The main floor interior of the NWHC MB is composed of two sections: the office/administrative side and the laboratory side. The administrative section includes the reception space, conference rooms, and breakroom within the northern addition to the building, and layout of offices in the western two-thirds of the original building block. Two primary hallways extend from west to east, providing access to the offices and entry to the laboratories at the eastern end of the main floor. Interior finishes on the administrative side include terrazzo or carpeted flooring, rubber wall base, smooth finish plasterboard walls, and dropped acoustic panel ceiling tiles. The laboratory section contains three large laboratory rooms: one for parasitology, one for microbiology, and one for virology. Smaller support rooms are arranged in between these larger laboratories, and all are accessed by a U-shaped hallway. Interior finishes of the laboratory side include epoxy flooring and wall base, metal doors, and concrete block walls.

Tight Isolation Building (1985; Modified 1989)

The TIB is approximately 150 feet northeast of the MB. The TIB contains specialized research laboratories and support areas, offices for investigators, and a biocontainment animal research area. The animal isolation wing is self-contained with cage and glassware cleaning, necropsy, and incineration facilities. Entry into the area requires use of specialized clothing and footwear, changes of clothing and footwear for each room entered, and a mandatory shower upon exiting from the animal area. The animal area was not surveyed as part of this study given these entry restrictions.

The 1984 architectural plans for the TIB depict the NWHC facility site, including the building footprints, as they exist today (Figure 9). The one-story TIB stands on a concrete foundation consisting of pier footings and a poured concrete slab and has exterior walls of red brick veneer laid in running bond. The

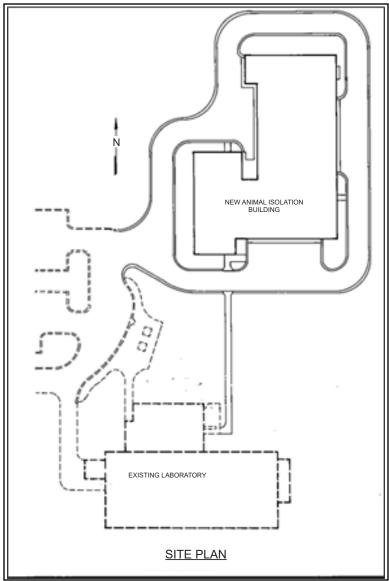


FIGURE 9: Architectural Drawing of NWHC Site Plan for Construction of the TIB, 1984 (USFWS 1984)

building has an irregular plan with a steel frame flat roof with side partial width overhangs placed asymmetrically along the elevations. The overhangs are clad in sheet metal and feature concrete panels on the undersides visible from below. The façade is formed from a projecting wall at the western third of the south elevation. The remaining portions of the south elevation are set back behind the modular office building. The four bay façade has a full-glass single-leaf entry door placed east of three, two-part metal frame windows with brick header sills. These windows repeat at the southern end of the west elevation. The remainder of the building lacks windows and contains limited access doors in keeping with the use of the building for isolation purposes.

A metal clad refrigeration structure (ca. 2000) with a low-pitched gable roof is located off the west elevation of the TIB. A few years after the refrigeration unit was constructed, the NWHC brought a modular office building (ca. 2005) to the property. The modular office building is in front of the eastern two-thirds of the south elevation and has a rectangular plan, low-pitched gable roof, vinyl siding, and one-over-one vinyl sash windows.

Other Buildings

The remaining secondary buildings at the NWHC are all less than 50 years of age. The brick garage (1985) has a rectangular plan, concrete foundation, flat roof clad in sheet metal, recessed vertical window bays, and large overhead garage doors. The building stands approximately 390 feet west of the TIB and across the parking lot. A small metal storage shed (ca. 2017) stands approximately 30 feet north of the garage. A small gravel parking area south of the main parking lot and approximately 180 feet west of the MB contains a wood frame welcome sign (ca. 2005) and a small, prefabricated plastic shed (ca. 2005) at the entrance to the restored prairie and public trails. The welcome sign displays interpretive materials about the prairie and the National Wildlife Refuge system. Lastly, at the Schroeder Road entrance to the property, a metal entrance gate with stone side walls was constructed ca. 2007. The metal gates were replaced in 2021.

LAND USE AND SITE ANALYSIS

Based on the description of the 1977 archaeological survey provided Attachment H, investigations focused on the portion of the parcel to the north and east of the original Ansul Laboratory facility, which would have included the current locations of the existing NWHC facilities and parking lot. Much of the proposed development would be restricted to the existing building and parking lot footprint, where no potential to affect intact archaeological resources remains because of significant disturbance from construction activities. A small section of the parcel to the north of the NWHC facility parking lot totaling less than 1 acre is slated to be developed as access road and a mechanical yard; this portion of the parcel would have been covered by the 1977 survey, and therefore no impacts are anticipated in this area as no archaeological resources were identified during the survey. Though the original survey used a 20-meter interval, rather than the current standard of 15 meters, the entire area was subjected to both a surface inspection and subsurface testing, and therefore it is WSP's opinion that the previous investigations would have been adequate to identify any archaeological resources within the surveyed area. One of the proposed site entrances and the internal service route would follow the route of the existing facility entrance, and therefore no impacts to archaeological resources are anticipated for those components.

A review of the available topographic mapping (USGS 1890, 1892, 1904, 1906. 1959, 1965, 1970) indicates that the vicinity of the project area was undeveloped but cleared of vegetation from the end of the nineteenth century through the third quarter of the twentieth century. Between 1965 and 1970, the quadrangle mapping has been photorevised with the locations of the Ansul building and access road. By 1983, a second service road (still extant) had been developed within the project area, while the current NWHC facilities were not yet depicted on the topographic mapping (USGS 1983). A review of the

available historic aerial imagery indicates that prior to 1969, the entire project area was in use as agricultural fields or pasture. Between 1960 and 1969, the Ansul laboratory facility building was constructed on the parcel, as were the baseball fields to the north of the proposed site entrance road. These baseball fields are still extant. The 1969 imagery depicts that a portion of the parcel to the west of the Ansul building was developed as a parking area and access road to the building, although it is not conclusive from the black-and-white imagery whether this area is dirt or gravel. By 1980, that parking area is mostly overgrown with grasses and shrubs, suggesting that it was a scraped surface or dirt lot. Post-1980 aerial imagery suggests that that small parking lot continued to be used as such at least intermittently, and by 2013 it has been paved, though the original access road from the parking lot to the building has reverted to vegetation. The remainder of the proposed areas for development of the 150-stall parking lot does not appear to have been significantly developed or disturbed between 1960 and the modern day based on the aerial imagery. The proposed new site entrance and retention pond areas also exhibit little evidence of development during that time period (NETR var.).

The remainder of the proposed development areas cover several discontinuous areas that total approximately 2.4 acres and comprise a proposed new 150-stall parking lot, a new site entrance road and utility access corridor, and the planned site for a retention pond, which would be connected to the main facility by a water line. Other planned utility installations generally run either through previously disturbed areas near or in the footprint of the existing facility, or through the proposed parking lot area. The new site entrance is west of the current facility and would connect Forward Drive with the new facility; the proposed parking lot would west of the original Ansul Laboratory building. These areas have not been previously subjected to archaeological survey, and therefore potential impacts to archaeological resources cannot be determined from the available data, though the 1977 survey to the north would suggest that the potential for archaeological resources to be present is low to moderate. The current soil survey data indicates that this part of the project area is on moraines or drumlin geological landforms composed of silt loams (McHenry, Dodge) or loam (Kidder), which may be shallow and eroded, with little potential for intact buried cultural depositions and a typical profile consisting of an A or Ap horizon overlying an E horizon underlain by a BE or Bt horizon. The Bt horizon is typically stacked and underlain by a C horizon (USDA-NRCS 2021).

NRHP EVALUATION OF NWHC

WSP evaluated the eligibility of the NWHC for listing in the NRHP within the context of federal wildlife disease research and by applying the four Criteria of Evaluation as set forth in 36 CFR 60.4. The NWHC MB was constructed in 1969 by a private company under the name of Ansul Chemical Co. just over 50 years ago and qualifies for evaluation under the standard criteria; however, the significance of the facility is not associated with the period of ownership by Ansul Chemical Co. Rather, the significance of the facility is associated with its function and use by the federal government as a wildlife disease research center, which began in 1978 (less than 50 years ago) and continues to the present. Therefore, the NWHC was evaluated under Criteria Consideration G for properties achieving significance within the past 50 years, requiring exceptional significance for listing in the NRHP. The evaluation was guided by the *Determination of Eligibility Assessment Tool* (GSA 2021), which offers a defined framework for evaluating modern-era federal properties.

The TIB has associations with federal wildlife disease research beginning in 1985 when it was constructed. USFWS development plans for the building date to 1978, the time of the acquisition of the Schroeder Road site, and contribute to the overall ability of the NWHC to convey its associations with significant scientific studies and discoveries. While the TIB does contribute to the significance of the resource, the evaluation of the NWHC centers on the significance of the MB.

All remaining buildings of the NWHC were constructed between 1985 and ca. 2007; they do not appear to hold significance associated with federal wildlife disease research and should be considered non-contributing to the significance of the NWHC.

Criterion A

To be considered for listing under Criterion A, a property must be associated with one or more events important in the defined historic context. Modern-era federal buildings can be significant under Criterion A for associations with a significant public building program, design philosophy, public social or environmental programs, as a public building icon, or as the location of a historic action or event (GSA 2021).

The NWHC MB was not constructed by the federal government. The USFWS acquired the building in 1978 and immediately began its renovation for use as a wildlife research center. Funding for the project came from standard U.S. Congressional appropriations to the USFWS as part of the agency's annual budget requests, not associated with a significant public building program. Renovations to the MB in the early 1980s account for additions to three sides of the building, a new entry façade, and extensive alterations to the interior spaces to accommodate laboratories and administrative offices. These renovations were designed by the USFWS Denver Engineering Center, and the resulting building design does not appear to follow any specific federal design philosophies of the time. The NWHC MB renovation design did not alter the original design of the building to the extent that it conveys a strong sense of the federal government. The building does take on a sense of formality with its façade regularity and scale, particularly within its natural setting, but those characteristics existed prior to occupation and renovation by the government and are not associated with the period of significance for the NWHC (1978-present).

The NWHC reflects two social goals of the period: accessibility and energy efficiency. As stated in the *Guiding Principles for Federal Architecture*, "buildings should also be functional for users, including the handicapped [sic]." The renovations made to the MB and the design of the TIB accommodate disabled individuals both as guests of the facility and as employees with flat, ground floor entrances and elevator access on the interior. The USFWS also installed a passive solar system in the facility parking lot using a special Department of Energy grant to preheat water for the building boilers. Other energy saving innovations installed at the MB included heat recovery devices and options for heating the building with oil or natural gas (NWHC 1994:21). The building meets the social goals of accessibility and energy efficiency in federal buildings and is an adequate example of the basic design principles espoused by the federal government as a whole.

The NWHC is considered a symbol of the federal government locally in Madison but is rather unknown to the public regionally or nationally and is not considered a public building icon. Characteristics that contribute to the recognition of the MB as a symbol of the federal government include the USGS signage attached to the façade identifying the building as the "United States Geological Survey National Wildlife Health Center" and the "Milton Friend Building." The collective modern architectural style of federal buildings across the country from the 1950s to the 1980s also contributes to the recognition of the facility as a symbol of the federal government. The buildings, however, lack a connection to other government buildings in Madison as there are few nearby. The nearest federal building is a Post Office 1 mile away. Furthermore, the NWHC is set back over 800 feet from the road and is obstructed by heavy vegetation, making its prominence as a government building diminished. The NWHC is a symbol of the federal government, as a sign of the federal presence in a local community, but it is not a social focal point of the city, nor does it represent a significant symbol of the federal government because of its low profile architectural style.

Lastly, the NWHC is the site of scientific studies and discoveries significant to national history. For

example, the NWHC played a major role in the surveillance, die-off investigations, and experimental studies of WNV immediately following its detection in the New York City area in 1999. Since 1999, the NWHC has continually contributed to the understanding of the disease and its effects not only on wildlife but on public health. The NWHC is also known for its discovery in 2008 of the fungus that causes WNS in bats, a disease affecting millions of bats to date. These events, however, are either only moderately associated with the NWHC or they occurred within the last 20 years, and sufficient historical perspective does not exist to consider its significance within the context of federal wildlife disease research.

Therefore, it is WSP's opinion that the NWHC is not eligible under Criterion A as it does not have sufficient associations with significant federal building programs, it is not an example of architectural design using quality materials, and it is not associated with events important to the national history of federal wildlife disease research. The resource does not meet Criteria Consideration G as the events from the recent past do not rise to a level of exceptional significance as they relate to the NWHC Madison facility.

Criterion B

To be considered for listing under Criterion B, a property must be associated with the lives of persons significant to national, state, or local history. Modern-era federal buildings can be significant under Criterion B for associations to significant historical figures such as politicians and activists with a particular link to the property.

No associations with the NWHC to persons significant to federal wildlife disease research are known. Therefore, it is WSP's opinion that the NWHC is not eligible under Criterion B as it does not meet the requirements for listing in the NRHP for associations with significant individuals. The resource does not meet Criteria Consideration G, as there are no persons of exceptional significance associated with the NWHC from the recent past.

Criterion C

To be considered for listing under Criterion C, a property must embody distinctive characteristics of a type, period, or method of construction, represent the work of a master, possess high artistic values, or represent a significant and distinguishable entity as a grouping. A modern-era federal building can be significant under Criterion C if it is the work of a master architect, if it exemplifies modern-era or contemporary architectural styles, if it is a public building prototype, or it is part of a significant ensemble of public buildings.

Unlike most modern-era federal buildings, the NWHC MB and TIB were renovated and designed, respectively, by the USFWS Denver Engineering Center rather than by a private architectural firm.

The MB and TIB are examples of modern-era architecture with influences of the International Style, best exhibited by an absence of ornament, flat roof, uniform wall surfaces, and windows with minimal exterior reveals. Materials defining the style of the two buildings include running bond brick exterior walls and metal and concrete roofing materials. Other features defining the style and period of the buildings include the wide roof overhangs, entry canopies, and overall lack of ornamentation.

Although the NWHC MB and TIB are adequate examples of modern-era architecture, they are undistinguished and typical examples that use standard technology and materials. The renovation of the MB and construction of the TIB are typical of the 1980s, lacking exceptional design qualities, and do not represent ground-breaking design locally, regionally, or nationally. Therefore, it is WSP's opinion that the NWHC is not eligible under Criterion C. The NWHC also does not meet Criteria Consideration G as

it does not rise to an exceptional level of architectural distinction from the recent past.

Integrity

The NWHC retains good integrity. The period of significance for the facility begins in 1978, less than 50 years ago, when the Schroeder Road property was purchased by the USFWS and renovations to the existing laboratory building were planned. Since the renovations to the MB, no exterior or major interior alterations have been made. The remaining buildings and structures at the NWHC have not been altered since their construction. Therefore, the NWHC retains its integrity of location, setting, design, materials, workmanship, feeling, and association with its period of historic significance.

Given the extensive renovation of the MB in 1978, the integrity of setting, design, feeling, and association of the building with its period of private ownership from 1969 to 1974 has been significantly diminished.

Determination

Although the NWHC represents a degree of historical significance as the location of significant scientific studies and discoveries related to wildlife disease and federal wildlife disease research, it does not rise to a level of exceptional significance as required by Criteria Consideration G for resources less than 50 years of age or achieving significance within the last 50 years. Therefore, WSP concludes that the NWHC is not eligible for listing in the NRHP.

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ATTACHMENT A: REQUEST FOR SHPO COMMENT AND CONSULTATION ON A FEDERAL UNDERTAKING FORM

HP-05-07 (9-28-18)

REQUEST FOR SHPO COMMENT AND CONSULTATION ON A FEDERAL UNDERTAKING

Submit one copy with each undertaking for which our comment is requested. Please print or type. Return to: Wisconsin Historical Society, State Historic Preservation Office, 816 State Street, Madison, WI 53706

Please Check All Boxes and Include All of the Following Information, as Applicable.

I.	GENERAL INFORMATION				
	This is a new submittal. This is supplemental information relating to Case #:, and title: This project is being undertaken pursuant to the terms and conditions of a programmatic or other interagency				
Ш	agreement. The title of the agreement is				
a.	Federal Agency Jurisdiction (Agency providing funds, assistance, license, permit):				
b.	Federal Agency Contact Person:	Phone:			
c.	Project Contact Person:	_Phone:			
d.	Return Address:City:		_Zip Code:		
e.	Email Address:				
f.	Project Name:				
g.	Project Street Address:				
h.	County: City:	_Zip Co	de:		
i.	Project Location: Township, Range, East □ or West □, Section		, Quarter Sections		
j.	Project Narrative Description—Attach Information as Necessary.				
k.	Area of Potential Effect (APE). Attach Copy of U.S.G.S. 7.5 Minute Topographic Quadrangle showing APE.				
II.	IDENTIFICATION OF HISTORIC PROPERTIES				
	Historic Properties are located within the project APE per 36 CFR 800.4. Attach support Historic Properties are not located within the project APE per 36 CFR 800.4. Attach support				
III.	FINDINGS				
	No historic properties will be affected (i.e., none is present or there are historic properties effect upon them). Attach necessary documentation, as described at 36 CFR 800.11. The proposed undertaking will have no adverse effect on one or more historic properties 36 CFR 800.5. Attach necessary documentation, as described at 36 CFR 800.11. The proposed undertaking will result in an adverse effect to one or more historic propertiauthorized representative, will consult with the SHPO and other consulting parties to rescaled. Attach supporting documentation as described at 36 CFR 800.11.	located versions and the	within the project APE under ne applicant, or other federally		
Authori	Jordan Sigemore ized Signature:	_Date:			
Type or	r print name:				
IV.	STATE HISTORIC PRESERVATION OFFICE COMMENTS				
	Agree with the finding in section III above. Object to the finding for reasons indicated in attached letter. Cannot review until information is sent as follows:				
Author	ized Signature:	Date:			

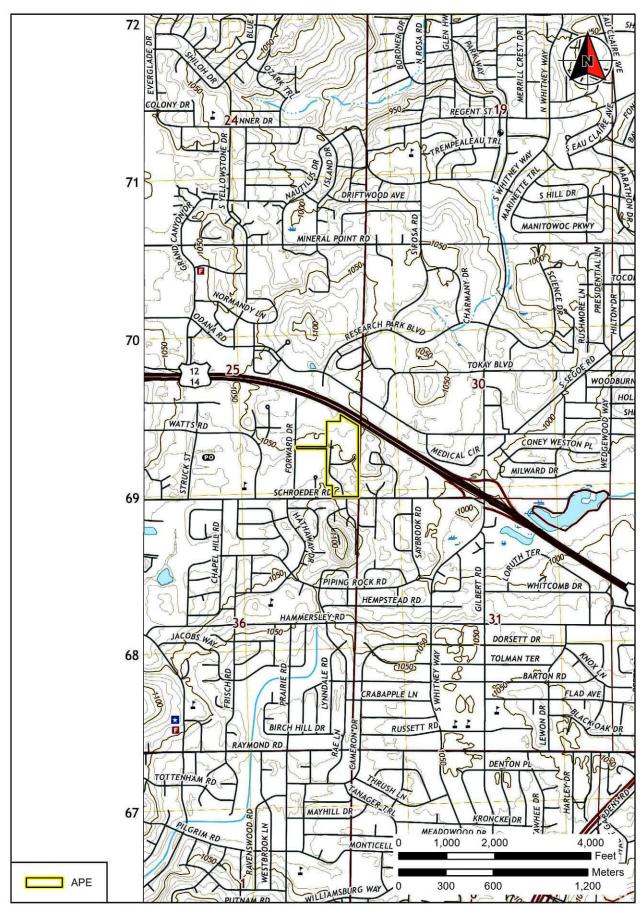


FIGURE A1: Project Area of Potential Effects (USGS Topo 2022)

ATTACHMENT B: WISCONSIN HISTORICAL SOCIETY – STATE HISTORIC PRESERVATION OFFICE DETERMINATION OF ELIGIBILITY FORM

(Revised July 2022)

Wisconsin Historical Society – State Historic Preservation Office Determination of Eligibility Form

Agen	cy Project ID	#: 				
WHS		AHI #:				
Property Name(s):	National Wil	dlife Health Ce	nter			
Address/Location:	6006 Schroe	eder Road				
City & County:	Madison, Da	ane County			Zip Code:	53711
Town: 7	Range:	8	Section:	25		
Date of Construction:	1969				_	
Agency Certification						
As the designated auth that this request for De ☐ Meets the National I	termination of	Eligibility:		ation Act	, as amended,	I hereby certify
☑ Does not meet the N				1.		
Jordan D. Sizemore (E	nvironmental	Protection Spe	cialist)			
Agency Historic Preserv	vation Officer			Date: D	ecember 13, 20	22
State Historic Preserv	ation Office					
In my opinion, the prop	erty:					
☐ Meets the National I	Register of His	storic Places ci	riteria.			
☐ Does not meet the N	National Regis	ter of Historic I	Places criteria	1 .		
State Historic Preservat	ion Officer					Date
Comments (FOR SHPO	USE ONLY):					

Classification:						
Ownership private		e of perty: building(s)	>	# of Contribut 2	ting	# of Non- Contributing 7
X public		site				
			>	0		0
If public, specify:		structure	>	0		1
United States		object	>	0		0
Geological Society (USGS)		district	Total:	2		9
Function/Use:						
Historic Function(s):		Chemical La	aboratory			
Current Function(s):		Federal Res	search Laborat	ory		
Architectural Style(s):	None				
Criteria:						
X A (history)		Ar	eas of Signific	ance:	Science	
X B (important pe	ersons)	Pe	riod of Signifi	cance:	1978-pre	sent
X C (architecture	eng.)	Sig	gnificant Date:	s:		
D (archaeology	')	Sig	gnificant Pers	on:		
		Cu	ıltural Affiliatio	on:		
		Ar	chitect/Builde	r:	U.S. Fish (USFWS	and Wildlife Service)
Criteria Considerat	ions:					
A (owned by re	ligious	institution)		E (reconstru	uction)	
B (moved)				F (commen	norative)	
C (birthplace/gi	rave)		X	G (<50 year	rs old)	
D (cemetery)	-				-	

ATTACHMENT CHECKLIST

☑ Historic boundary map☑ USGS map or Aerial

Determination of Eligibility Prepared By:

Name & Company:	Kate Umlauf (WSP USA, Inc.)				
Address:	250 Marquette Avenue, S	Suite 570		Phone:	(612) 524-0957
City:	Minneapolis	State:	MN	Zip:	55401
Email:	kate.umlauf@wsp.com	•		Date:	December 13, 2022
Sub-contracting to:				-	
Address:				Phone:	
				-	
City:		State:		Zip:	
Email:				=	

Methodology

(Describe the steps taken to identify and evaluate the historic property, including research, consultation with preservation professionals and interested parties, and previous eligibility recommendations.)

This NRHP evaluation consisted of background research, architectural survey, review of the Wisconsin Historic Preservation Database (WHPD), archival research at Wisconsin State Archives, and review of historic digital photography of NWHC buildings.

To begin the background research, WSP contacted and reviewed available sources at local, state, and federal repositories, including the Wisconsin State Historical Society Archives, the University of Wisconsin Archives, and the National Archives and Records Administration (NARA) at Chicago, Illinois. Correspondence records of the NWHC from the late 1990s were located at the Steenbock Library of the University of Wisconsin. No records pertaining to the NWHC were found at the Chicago NARA or the Wisconsin State Historical Society Archives. Other key resources for contextual information included historical newspapers, annual reports from the NWHC, reports of the U.S. Fish and Wildlife Service (USFWS), appropriation reports of the USGS, U.S. Congressional Appropriation Hearings for the Department of the Interior and related agencies, and architectural drawings and digital photographs of the facility provided by USGS.

An architectural survey was conducted on September 20 and 21, 2022, and consisted of thorough investigation of the NWHC facilities—surveying and photographing the exteriors and interiors of the buildings, speaking with USGS property managers, and reviewing available onsite historical records and information, including building floor plans and historic photographs. Architectural drawings of the proposed renovation of the Main Building (MB) in 1979 and as-built drawings of the Tight Isolation Building (TIB) were provided to WSP by USGS following fieldwork. During the site visit, the WSP architectural historian visited the Wisconsin SHPO to review the Wisconsin Historic Preservation Database to identify any previously recorded historic and archaeological resources located at the facility or surveys conducted there.

The background research and field survey provided data for evaluating the NWHC's potential eligibility for inclusion in the NRHP using the NRHP Criteria (36 Code of Federal Regulations [CFR] 60.4). The facility was also evaluated under Criteria Consideration G for properties achieving significance within the past 50 years if they are of exceptional importance.

Narrative Description

(Describe the property, include photographs following description)

The NWHC is approximately 5 miles southwest of the City of Madison, Wisconsin and contains three primary buildings constructed between 1969 and 1985: the MB constructed in 1969, the TIB constructed in 1985, and a garage constructed in 1985. Additional buildings and structures include three small sheds, a temporary, modular office building, an entrance gate, and an informational sign. The property is entirely surrounded by dense wooded vegetation and in a suburban residential and commercial area, bound to the north by the West Beltline Highway and to the south by Schroeder Road.

At Schroeder Road, a stone and metal entrance gate provides access to the 24.3-acre NWHC property, which features a curved asphalt-paved entrance road, approximately 4.9 acres of restored prairie, a gravel driveway extending to the rear (south) and east elevations of the MB, an asphalt-paved main parking lot, and a secondary gravel parking lot providing public access to the prairie. The primary buildings are clustered around the main parking lot near the northern edge of the parcel. The prairie occupies the southern half of the parcel, while a mix of wooded acres and tall-grass acres cover the remaining areas north of the buildings.

The original 1969 building consisted only of the central rectangular portion of the structure, not including the existing north elevation projection and entry and small additions to the east and west elevations. Between 1979 and 1980, USFWS completed renovations to the interior and exterior of the building. The exterior renovations generally matched the architectural features of the original building. The exterior of the MB has not changed since the 1980s renovation.

The one-story building stands on a concrete foundation, with full basement, consisting of pier footings and a poured concrete slab. The building has exterior walls of red brick veneer laid in running bond with a course of header bricks at the top course below the roof. The building has an irregular plan with a steel frame flat roof with wide partial overhangs placed above window walls. The overhangs are clad in sheet metal and feature concrete panels on the undersides visible from below. The main entry block, constructed in the 1980s renovation, occupies an L at the northwestern corner of the building. It consists of full-glass double doors with transom facing north and recessed from the façade wall. Metal frame ribbon windows fill the upper half of the western wall of the entry block, all of which is contained underneath an extra-wide overhang supported by a single square post at the northwestern corner of the building.

The northern addition to the building formed a new façade, offset on the original north elevation. The addition has a symmetrical design featuring a central bay of floor-to-ceiling metal frame windows below a metal overhang. The bay of windows is flanked by seamless sections of brick lacking fenestration. Around the east elevation of the northern addition are two offset window wall bays, each containing a full-glass entry door with transom. Most of this elevation features a roof overhang that continues onto the north elevation of the original building block. This wall lacks fenestration. The overhang is bisected by a tall, square, brick chimney near the eastern end of the building.

The roof overhang continues around the east elevation of the building, which reveals the basement foundation wall and 1980s addition. The one-story addition to the east elevation of the building has two rectangular sections constructed of concrete block with flat roofs and metal coping. The northernmost section contains an overhead garage door and two solid single-leaf entry doors providing access to delivery rooms. The southernmost section rises taller than the northernmost section and only contains a single entry vestibule at its south elevation providing exterior access to the incinerator room. A tall metal vent stack rises from the roof of the incinerator room.

The south elevation of the building originally functioned as the main façade. It has a central entry bay consisting of double full-glass doors with transom flanked by sections of floor-to-ceiling metal frame windows and outer brick bays. As on the other original building block elevations, the roof overhang runs continuously across the south elevation.

The west elevation contains a small single-story addition at the basement level clad in metal paneled siding and set on a poured concrete foundation. This addition projects from the northern end of the elevation leaving original windows and louvers visible to the south.

The main floor interior of the NWHC MB is composed of two sections: the office/administrative side and the laboratory side. The administrative section includes the reception space, conference rooms, and breakroom within the northern addition to the building, and layout of offices in the western two-thirds of the original building block. Two primary hallways extend from west to east, providing access to the offices and entry to the laboratories at the eastern end of the main floor. Interior finishes of the administrative side include terrazzo or carpeted flooring, rubber wall base, smooth finish plasterboard walls, and dropped acoustic panel ceiling tiles. The laboratory side of the main floor contains three large laboratory rooms, one for parasitology, one for microbiology, and one for virology. Smaller support rooms are arranged in between these larger laboratories, and all are accessed by a U-shaped hallway. Interior finishes of the laboratory side include epoxy flooring and wall base, metal doors, and concrete block walls.

The TIB is approximately 150 feet northeast of the MB. The TIB contains specialized research laboratories and support areas, offices for investigators, and a biocontainment animal research area. The animal isolation wing is self-contained with cage and glassware cleaning, necropsy, and incineration facilities. Entry into the area requires use of specialized clothing and footwear, changes of clothing and footwear for each room entered, and a mandatory shower upon exiting from the animal area. The animal area was not surveyed as part of this study given these entry restrictions.

The 1984 architectural plans for the TIB depict the NWHC facility site, including the building footprints, as they exist today. The one-story TIB stands on a concrete foundation consisting of pier footings and a poured concrete slab and has exterior walls of red brick veneer laid in running bond. The building has an irregular plan with a steel frame flat roof with side partial width overhangs placed asymmetrically along the elevations. The overhangs are clad in sheet metal and feature concrete panels on the undersides visible from below. The façade is formed from a projecting wall at the western third of the south elevation. The remaining portions of the south elevation are set back behind the modular office building. The four bay façade has a full-glass single-leaf entry door placed east of three, two-part metal frame windows with brick header sills. These windows repeat at the southern end of the west elevation. The remainder of the building lacks windows and contains limited access doors in keeping with the use of the building for isolation purposes.

A metal clad refrigeration structure (ca. 2000) with a low-pitched gable roof is located off the west elevation of the TIB. A few years after the refrigeration unit was constructed, the NWHC brought a modular office building (ca. 2005) to the property. The modular office building is in front of the eastern two-thirds of the south elevation and has a rectangular plan, low-pitched gable roof, vinyl siding, and one-over-one vinyl sash windows.

The remaining secondary buildings at the NWHC are all less than 50 years of age. The brick garage (1985) has a rectangular plan, concrete foundation, flat roof clad in sheet metal, recessed vertical window bays, and large overhead garage doors. The building stands approximately 390 feet west of the TIB and across the parking lot. A small metal storage shed (ca. 2017) stands approximately 30 feet north of the garage. A small gravel parking area south of the main parking lot and approximately 180 feet west of the MB contains a wood frame welcome sign (ca. 2005) and a small, prefabricated plastic shed (ca. 2005) at the entrance to the restored prairie and public trails. The welcome sign displays interpretive materials on the prairie and the National Wildlife Refuge system. Lastly, at the Schroeder Road entrance to the property, a metal entrance gate with stone side walls was constructed in ca. 2007. The metal gates were replaced in 2021.

Map ID	Name	Year Built	Primary Photo
1	Main Building	1969	
			Mr.
			No. 15 Personal Property lives

Map ID	Name	Year Built 1985	Primary Photo
2	Tight Isolation Building	1985	
3	Garage	1985	
4	TIB Refrigeration Unit	ca. 2000	
5	Modular Office Building	ca. 2005	
6	Storage Shed	ca. 2017	

Map ID	Name	Year Built	Primary Photo
7	Prairie Welcome Sign	ca. 2005	
8	Prairie Entrance Shed	ca. 2005	
9	Entrance Gate	ca. 2007/2021	

Integrity

The NHWC retains good integrity. The period of significance for the facility begins in 1978, less than 50 years ago, when the Schroeder Road property was purchased by the USFWS and renovations to the existing laboratory building were planned. Since the renovations to the MB, no exterior or major interior alterations have been made. The remaining buildings and structures at the NWHC have not been altered since their construction. Therefore, the NWHC retains its integrity of location, setting, design, materials, workmanship, feeling, and association with its period of historic significance.

Given the extensive renovation of the MB in 1978, the integrity of setting, design, feeling, and association of the building with its period of private ownership from 1969 to 1974 has been significantly diminished.

Narrative Statement of Significance

(Describe the context in which you have evaluated the property and provide a statement of significance.)

The NWHC was evaluated within the context of federal wildlife disease research, which has historical significance dating to the late 1880s. The first comparative federal facility conducting wildlife disease research opened in 1920 in New Mexico and operates today from Fort Collins, Colorado. Additional federal wildlife research facilities opened prior to the establishment of the NWHC; however, the Madison facility exists today as the only federal facility orientated on the study of wildlife disease for the sake of wildlife rather than as it affects human life or agricultural and natural resources.

The NWHC MB was constructed in 1969 by a private company under the name of Ansul Chemical Co., just over 50 years ago, and qualifies for evaluation under the standard criteria; however, the significance of the facility is not associated with the period of ownership by Ansul Chemical Co. Rather, the significance of the

facility is associated with its function and use by the federal government as a wildlife disease research center, which began in 1978 (less than 50 years ago) and continues to the present day. Therefore, the NWHC was evaluated under Criteria Consideration G for properties achieving significance within the past 50 years, requiring exceptional significance for listing in the NRHP. The evaluation was guided by the United States General Services Administration's (GSA's) *Determination of Eligibility Assessment Tool* (2021), which offers a defined framework for evaluating modern-era federal properties.

The NWHC is the site of scientific studies and discoveries significant to national history. For example, the NWHC played a major role in the surveillance, die-off investigations, and experimental studies of West Nile virus immediately following its detection in the New York City area in 1999. Since 1999, the NWHC has continually contributed to the understanding of the disease and its effects not only on wildlife but on public health. NWHC is also known for its discovery in 2008 of the fungus that causes white-nose syndrome in bats, a disease affecting millions of bats to date. These events, however, are either only moderately associated with the NWHC or occurred within the last 20 years, and sufficient historical perspective does not exist to consider its significance within the context of federal wildlife disease research.

The TIB has associations with federal wildlife disease research beginning in 1985 when it was constructed. USFWS development plans for the building date to 1978, the time of the acquisition of the Schroeder Road site, and contribute to the overall ability of the NWHC to convey its associations with significant scientific studies and discoveries.

All remaining buildings of the NWHC MB were constructed between 1985 and ca. 2007; they do not appear to hold significance associated with federal wildlife disease research and should be considered non-contributing to the significance of the NWHC.

Criterion A. It is WSP's opinion that the NWHC is not eligible under Criterion A as it does not have sufficient associations with significant federal building programs, is not an example of quality architectural design, and is not associated with events important to the national history of federal wildlife disease research. The resource does not meet Criteria Consideration G as the events from the recent past do not rise to a level of exceptional significance as they relate to the NWHC Madison facility.

Criterion B. No associations with NWHC to persons significant to federal wildlife disease research are known. Therefore, it is WSP's opinion that the NWHC is not eligible under Criterion B as it does not meet the requirements for listing in the NRHP for associations with significant individuals. The resource does not meet Criteria Consideration G, as there are no persons of exceptional significance associated with the NWHC from the recent past.

Criterion C. Although the NWHC MB and TIB are adequate examples of modern-era architecture, they are undistinguished and typical examples that use standard technology and materials. The renovation of the MB and construction of the TIB are typical of the 1980s, lacking exceptional design qualities, and do not represent ground-breaking design locally, regionally, or nationally. Therefore, it is WSP's opinion that the NWHC is not eligible under Criterion C. The NWHC also does not meet Criteria Consideration G as it does not rise to an exceptional level of architectural distinction from the recent past.

Although the NWHC represents a degree of historical significance as the location of significant scientific studies and discoveries related to wildlife disease and federal wildlife disease research, it does not rise to a level of exceptional significance as required by Criteria Consideration G for resources less than 50 years of age or achieving significance within the last 50 years. Therefore, WSP concludes that the NWHC is not eligible for listing in the NRHP.

CRM Context Chapters:	N/A

Bibliography

Animal and Plant Health Inspection Service (APHIS)

National Wildlife Research Center. United States Department of Agriculture, last Modified October 13, 2022.

Accessed November 2022, https://www.aphis.usda.gov/aphis/ourfocus/wildlifedamage/programs/nwrc.

The Capital Times (Wisconsin)

1970 Ansul Opens Center For Research. January 23:58.

1971 What is Ansul Center up to? January 7:46.

1983 Wildlife lab Aims to Save Nature. June 18:5.

Curnow, Richard D.

Introducing the National Wildlife Research Center. *Proceedings of the Seventeenth Vertebrate Pest Conference 1996*, edited by Robert M. Timm & A. Charles Crabb, pp. 6-7. Accessed via DigitalCommons@University of Nebraska-Lincoln, November 2022, https://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=1012&context=vpc17.

Denver Wildlife Research Center (DWRC)

Denver Wildlife Research Center. U.S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, DWRC, Denver Colorado.

Environmental Systems Research Institute, Inc. [ESRI]

2021 World Imagery. ArcGIS map server accessed September 2022 via ArcPro 3.0, http://services.arcgisonline.com/arcgis/rest/services/World Imagery/MapServer.

National Wildlife Health Center (NWHC)

- 1994 Center Overview. National Biological Survey, NWHC, Madison, Wisconsin. Archived at the University of Wisconsin, Madison, Steebock Library.
- NWHC Historical Timeline. United States Geological Survey (website) accessed November 2022, https://www.usgs.gov/centers/nwhc/science/nwhc-historical-timeline.
- History of the NWHC. United States Geological Survey (website) accessed November 2022, https://www.usgs.gov/centers/nwhc/history-nwhc.

Trauger, D.L. and N.C. Noon

1989 Wildlife Conservation Through Scientific Research: 50th Anniversary of the Patuxent Wildlife Research Center. *Fish and Wildlife News* (February-March):1-16.

United States Fish and Wildlife Service (USFWS)

- 1979 Remodeling of National Wildlife Health Laboratory, Madison, Dane, Wisconsin, vol. 3 of 3. United States Department of the Interior, USFWS, Denver Engineering Center.
- National Wildlife Health Laboratory, Madison, Wisconsin, Animal Isolation Building. United States Department of the Interior, USFWS, Denver Engineering Center.

United States General Services Administration (GSA)

2021 Determination of Eligibility Assessment Tool. GSA, Washington, D.C.

United States Geological Survey [USGS]

2022 *Madison, WI*. 15-Minute Series Topographic Quadrangle. Edition of 2022. United States Geological Society, Washington, D.C., https://ngmdb.usgs.gov/topoview/.

Wisconsin State Journal (WSJ)

1969 Investment in Future Includes Plant Here. June 1:29.

1970a 20 Major Firebombings, Arson Attempts Reported in 6 Days. May 11:7.

- 1970b Beltline Work to Begin Any Day. May 12:36.
- 1970c A Chronicle of Firebombings, Arson. August 25:27.
- 1977a Fish Studies Lab to Locate in Madison. May 24:23.
- 1977b Wildlife Lab Funds OKd. May 25:25.
- 1977c City Site for Wildlife Lab Backed in House. June 8:8.
- 1979 Wildlife Health Lab Contract Awarded. July 10:5.
- 1982a Budget Cuts are Threatening Wildlife Health Laboratory. October 25:26.
- 1982b Wildlife Lab Receives Operating Funds, More. November 19:29.

Property Info

Acreage of Property: 23.4

UTM Reference: 16T 297658.60 4769246.05

Zone Easting Northing

Verbal Boundary Description

The recommended boundary corresponds to the current tax parcel.

Boundary Justification

The current tax parcel approximates the historic property line.



FIGURE 1: Aerial Map Showing Current/Historic Boundary of NWHC and Locations of Buildings and Structures (ESRI World Imagery 2021)

Page 12

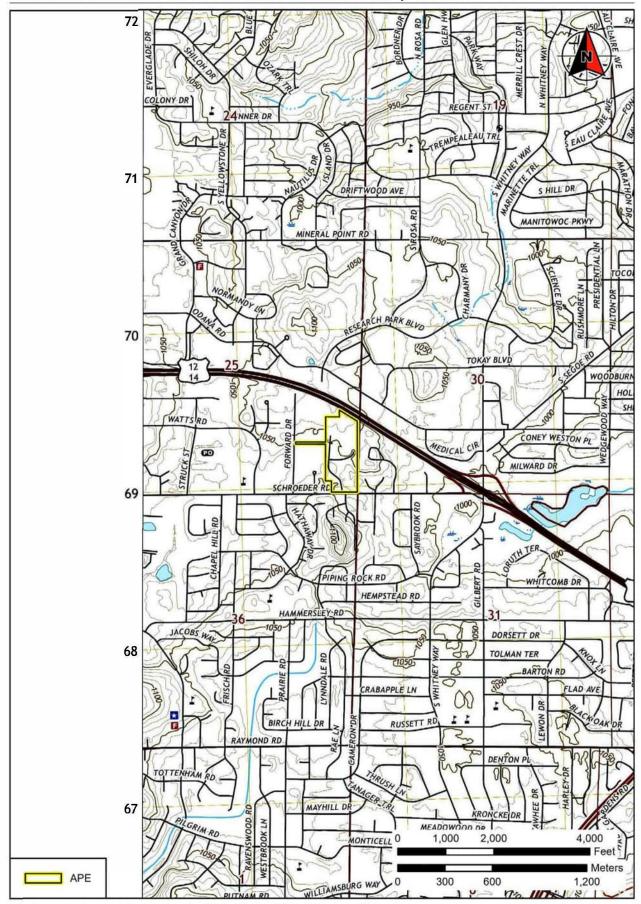


FIGURE 2: Project Area of Potential Effects (USGS Topo 2022)

ATTACHMENT C: CONCEPTUAL PROJECT DESIGNS

SITE ANALYSIS

SITE MAP - SITE PROXIMITY



OPTION A

ALL-IN







OPTION B

LABS & BSL-3AG PRIORITY



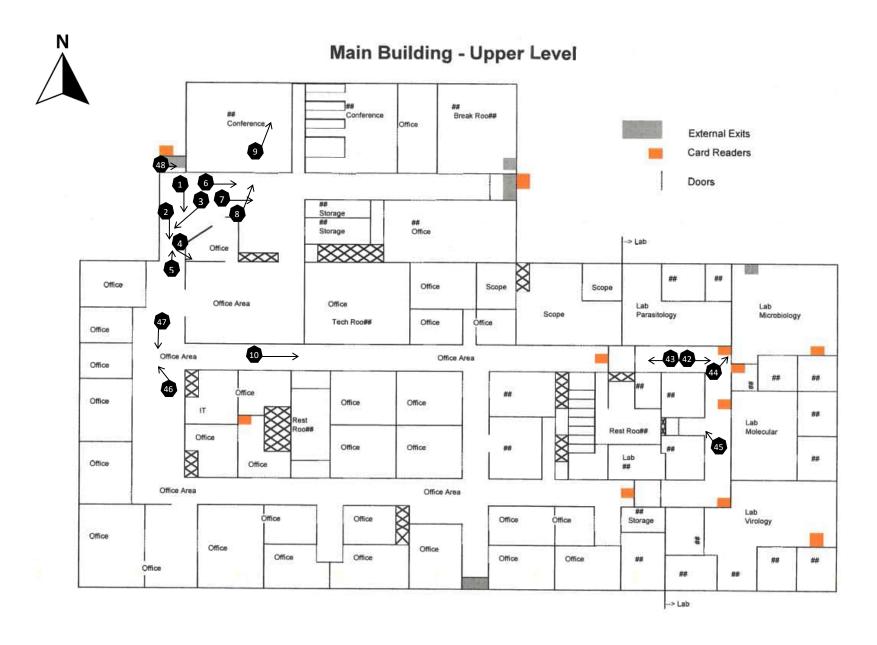
COLOR LEGEND EXESTING BUILDING OFFICE VIVA/UUM

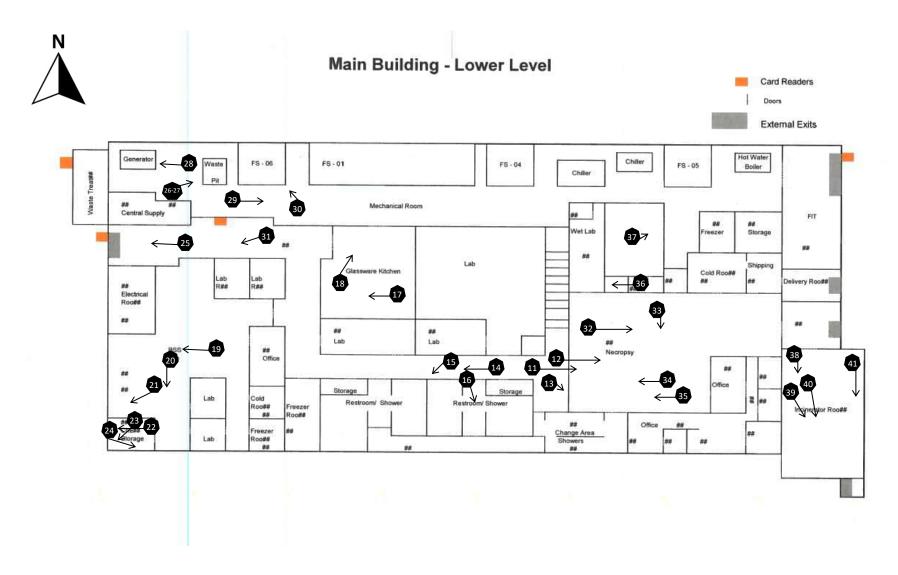
FACILITIES SUPPORT





ATTACHMENT D: PHOTO KEY





Main Building

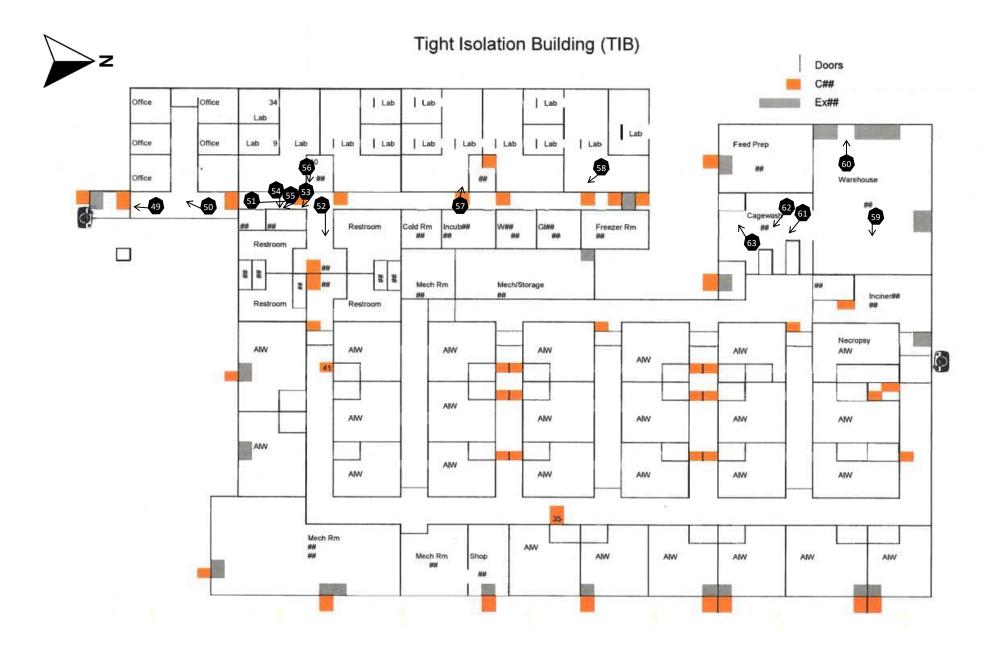




Tight Isolation Building (TIB)

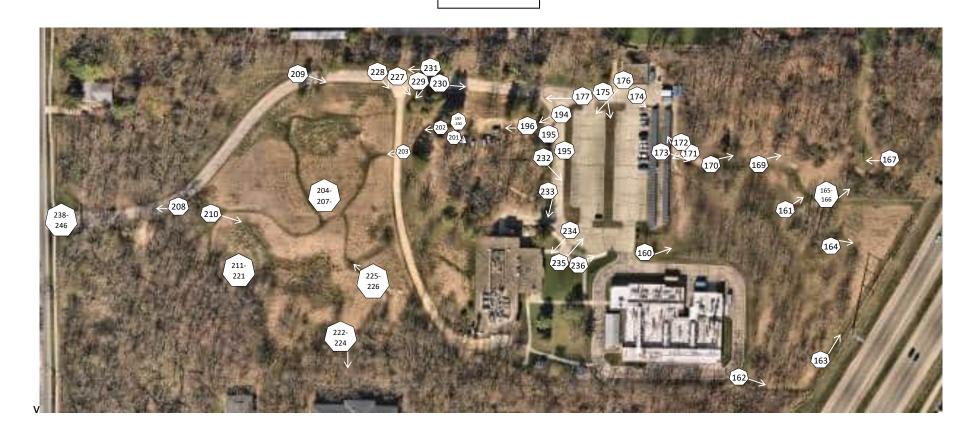




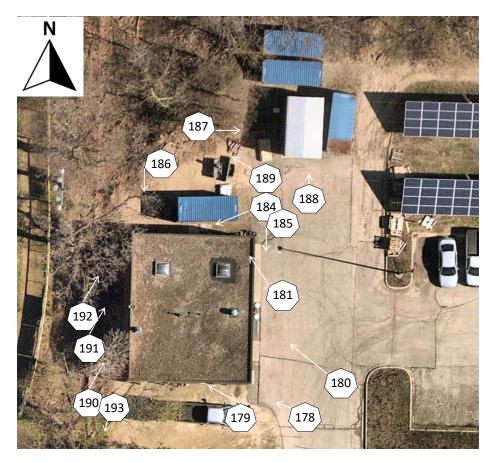


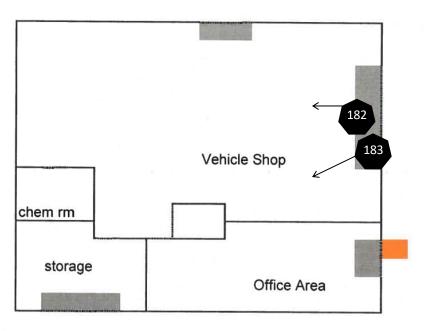


Site Plan



Garage





ATTACHMENT E: EXISTING CONDITION PHOTOGRAPHS



DSC_0001



DSC_0004



DSC_0007



DSC_0002



DSC_0005



DSC_0008



DSC_0003



DSC_0006



DSC_0009



DSC_0010



DSC_0013



DSC_0016



DSC_0011



DSC_0014



DSC_0017



DSC_0012



DSC_0015



DSC_0018



DSC_0019



DSC_0022



DSC_0025



DSC_0020



DSC_0023



DSC_0026



DSC_0021



DSC_0024



DSC_0027



DSC_0028



DSC_0031



DSC_0034



DSC_0029



DSC_0032



DSC_0035



DSC_0030



DSC_0033



DSC_0036



DSC_0037



DSC_0040



DSC_0043



DSC_0038



DSC_0041



DSC_0044



DSC_0039



DSC_0042 5



DSC_0045







DSC_0049



DSC_0052



DSC_0047



DSC_0050



DSC_0053



DSC_0048



DSC_0051 6



DSC_0054



DSC_0055



DSC_0058



DSC_0061



DSC_0056



DSC_0059



DSC_0062



DSC_0057



DSC_0060

7



DSC_0063



DSC_0064



DSC_0067



DSC_0070



DSC_0065



DSC_0068



DSC_0071



DSC_0066



DSC_0069

8



DSC_0072



DSC_0073



DSC_0076



DSC_0079



DSC_0074



DSC_0077



DSC_0080



DSC_0075



DSC_0078



DSC_0081



DSC_0082



DSC_0085



DSC_0088



DSC_0083



DSC_0086



DSC_0089



DSC_0084



DSC_0087



DSC_0090



DSC_0091



DSC_0094



DSC_0097



DSC_0092



DSC_0095



DSC_0098



DSC_0093



DSC_0096 11



DSC_0099







DSC_0103



DSC_0106



DSC_0101



DSC_0104



DSC_0107



DSC_0102



DSC_0105 12



DSC_0108



DSC_0109



DSC_0112



DSC_0115



DSC_0110



DSC_0113



DSC_0116



DSC_0111



DSC_0114

13



DSC_0117



DSC_0118



DSC_0121



DSC_0124



DSC_0119



DSC_0122



DSC_0125



DSC_0120



DSC_0123

14



DSC_0126







DSC_0130



DSC_0133



DSC_0128



DSC_0131



DSC_0134



DSC_0129



DSC_0132 15



DSC_0135



DSC_0136



DSC_0139



DSC_0142



DSC_0137



DSC_0140



DSC_0143



DSC_0138



DSC_0141

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DSC_0144



DSC_0145



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DSC_0151



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DSC_0162





DSC_0172



DSC_0175



DSC_0178



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DSC_0176



DSC_0179



DSC_0174



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DSC_0181



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DSC_0187



DSC_0182



DSC_0185



DSC_0188



DSC_0183



DSC_0186 21



DSC_0189



DSC_0190



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DSC_0196



DSC_0191



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DSC_0198



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DSC_0202



DSC_0205



DSC_0200



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DSC_0206



DSC_0201



DSC_0204

23



DSC_0207







DSC_0220



DSC_0223



DSC_0218



DSC_0221



DSC_0224



DSC_0219



DSC_0222

ATTACHMENT F: HISTORIC PHOTOGRAPHS



Plate 1. Exterior Photograph of NWHC Main Building Prior to Renovations of Main Entrance (NWHC Facility Records)



Plate 2. Interior Photograph of NWHC Main Building Basement Prior to 1980s Renovations (NWHC Facility Records)



Plate 3. Interior Photograph of NWHC Main Building Entrance Prior to 1980s Renovations (NWHC Facility Records)



Plate 4. Photograph of NWHC Garage during Construction, ca. 1980 (NWHC Facility Records)

ATTACHMENT G: ARCHITECTURAL DRAWINGS OF NWHC

United States Department of the Interior

Invitation No.

FWS 9-7904



REMODELING OF NATIONAL WILDLIFE HEALTH LABORATORY
Madison, Dane, Wisconsin

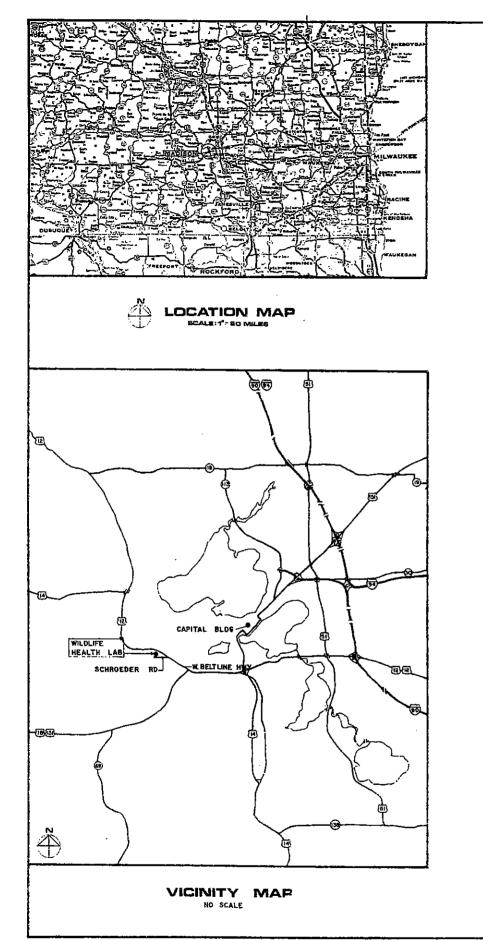
Volume 3 of 3

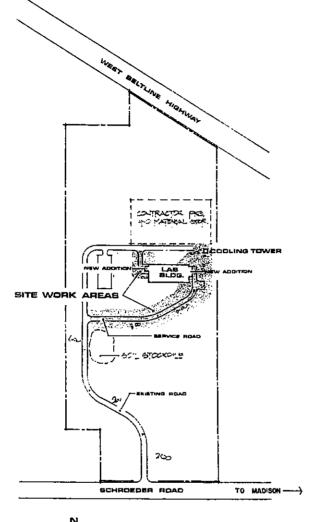
Bid Opening
Bid Location

2:00 p.m. May 1, 1979

Madison, Wisconsin

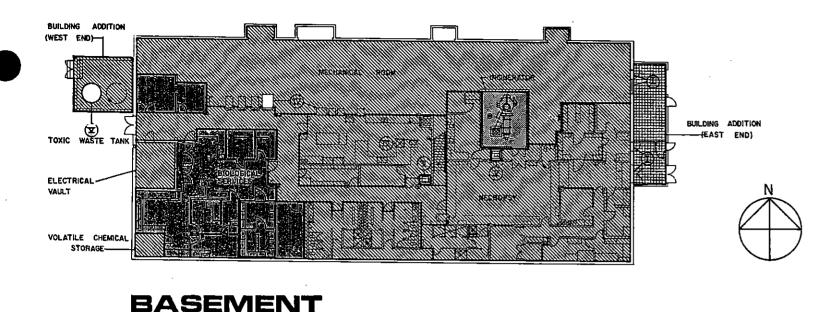
This is a Total Small Business Set-Aside

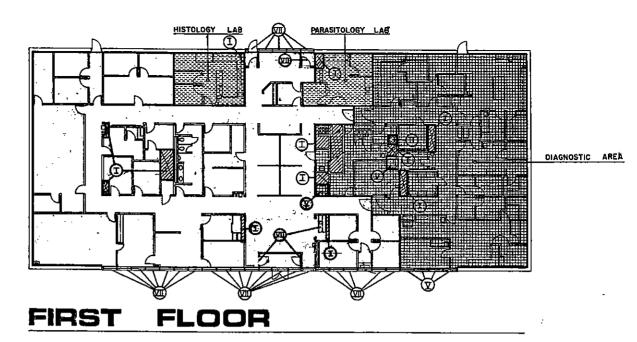






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-5	DEC-WI 227-50	DEMOLITION SCHEDULE	M-10	SEC WINS		CHILLER, H.W.BOILER, PUMP \$ UH		-	1
-6	DEC-WI 201-60	BASEMENT FLOOR PLAN - 18"	M-11	PECHI 27		200F FATS, CULTIPING, DUCT	12 5 7 1	:	
-1	PEC-WI 927-10	FRST FLOOR PLAN- 18'	M-10	DEC 141 227		HOODS, DAMPERS, WALL FAM			1
-5	PEC-WI DE7-85	BASEMENT FLOOR FLAN 'A'	M-19	PEC-WI 927-		EXIST. TEMP. CONTROLS : F51 \$ 4	<u>1</u> ≥ ⊑ i		
-7)	850 WI 927-90	BASEMENT FLOOR FLAM B	M-20	DEC-141 951	130	EVIST. TEMP. CONTROLS: FS-2 4 3	IBMITTED BY IBM OKNVER JOINBERING	م ا و	1
-10	PEC-W1927-100	FRST FLOOR PLAM 'C'	M-61	DEC-WI 927-		CONTROLS STATIC PRESS. PS-5 & G		DESIGNED	1_
-11	DEC-MI 227-11.6	FIRST FLOOR PLAN 'D'	M-27.	1250 MI 257-		BASEMENT DRAINAGE		₫ ĝ	PEVISIONS
15	VEY-WI YET-136	FIRST PLOOR PLAN 'E' 4 'F'	#SS-M	360-MI 927-		FIRST FLOOR DRAINAGE	-1É ÈS	四十里	į.
-13 <u> </u>	PEC-141 907-136	REFLECTED CLG. PLAN (BSUT)	M-24	DEC-141 227		BASEMENT PROCESS PIPING	2 122	0 0	1
·⊬ -15	060-W1927-MJ	REFLECTED CLG.PLAN (19T FLR)	M-25 M-26	PEC-WI 927		BOMT, WATER DISTRIB: PIPING INT FLR. WATER DISTRIB.	1		
-160 -160	980-W1927-150 1860-W1927-160	ROOF PLAN RM, FINISH SCHEDULE (BSMT)	M-27	DEC-MIXE		MECH RM PLUMB, PLAN - WEST	1		
-17	76:W1561-170	ZU, FINISH SCHEDULE (IST FLR.)	M-28	DK-M127		MECH RM.PLUMB. PLAN - EAST	1		
رس -	755-W1221-156	DOOR & FRAME SCHEDULE	Meso	12-W121		MASTE STERILIZATION PLAM	1		
-67	25-141 27 - 120	DOOR & FRAME DETAILS	M 50	DE-WI 27-		MASTE STERILIZATION PLANSELEV.]		
-20	JEE-W1327-200	BUILDING ADDITION (EAST)	Ma	06C-W1 927		HOT WATER MAKE UP WATER SYSTEM			
-건!	72 N 27-510	BUILDING ADDITION (EAST)	M-32	PEC 141 127		COOLER FREEZER BACKFLOW PREVENTED	3		
-E	PO-141 227 July	SUILDING ADDITION (WEST)	M-33	0KC-W1 927		MPJJPHE STEAM BOLER TOXIC VEHT			
:35	1E-101-22-2	BUILDING ADDITION (NEST)	M-34	NO ~125		ST. TRAPINUMIDISTILL TEMPY MIX. STA			
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	[15:24] 757-353 [16:44] 757-353	LAV. INT. ELEVS & DETAILS	M-37	BEC-MISST		EQUIP SOLD: FATS PUMPS, UH. & TOMER			1
- 37	750-WI 201-515	INTERIOR ELEVATIONS (1)	M-525	780-W127		EQUIP SOMED: COLS GRULES, CHILLER & H.			i _
2	7E-WI 227-25.	INTERIOR ELEVATIONS (2)	M-50	162-141 927		PLUMB ! STERILIZATION EQUIP SCHED.	1		
22	DEC-141 527-25.2	INTERIOR ELEVATIONS (3)	M-40	PEC-W1 727		EXIST, 1ST FLR. & ROOF DUCTNORK	ARION.	Jay.	1 7
.5%	DEC-WI 227 - 300	INT. ELEV. LAB, FURN, SECTIONS	M-41	7EC-W1:207	-94.0	EXIST DUCTHORK DETAILS] 🛂 🗎	4 %	L
51	120-M 327-365	LAB FURNITURE SCHEDULE(1)	M-42	BEC-M1201		EXIST, HEATING DETAILS		M. E	
Ë	DEC-WI 927-520	LAB FURNITURE SCHEDULE (2)	 	RE WISH		EXIST, FIRST FLOOR PLUMBING	1	Į.	•
-55	75C-WI 927-35AC	LAB. FURMITURE SCHEDULE (3)	M-44	PEC-M1927	- 910	EXIST, BASEMENT PLUMBING	- 80	, A.	
-54	DEC WI 227-346	LAB FURNITURE SCHEDULE (4)	ļ	 		 	- ***	Ú2.,	1 [
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1-35	12 21 257-360	MILLWORK DETAILS (4)		†					7
-39	7EJ-W 307-500	CEILING DETAILS (I)	ELEC	TRICA]		•
-45	25 M 187-468	CEILING DETAILS (2)	E-1	DEC-141 3:5		SITE PLAN RISER DIAGRAMS - EXIST	4		
-41	752-W1 927 - 410	PARTITION DETAILS	E-2	TEC-WISE		BSMT FLE EXISTING PLAN	4		
1-45	125-41 227-425	WALL SECTION MISC. DTLS.	<u> </u>	755-W1 257		FRST FLA. EXISTING PLAN	-	- 1	1
-45	FEG-W1 227-45-3	ROOF WALL DETAILS	E-4 E-5	755-141 207		PREST PLOOR LIGHTING PLAN	┪	- 1	1 1
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-46	PEC-WI 927-46.0	WALL SECTIONS	E-7	185-M 1851		FIRST FLOOR POWER PLAT	⊣ ╚		α -
-41	DEC-WI-007-476	WALL SECTIONS	E-9	755 W 37		MECHIRM, ROOF ELECT, PLAN]	12	🗓 🤋
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5-3	7527 N 1557-500	COLUMN RELOCATION DETAILS	E-14	PEC-1-1156		MEM BRANCH PAMEL SCHEDULES LAB SQUIFT, PAMEL SCHEDULE		4	l l
<u>5-4</u> 5-6	1967年11元11号10 1967年11元11号7日第20	200F PLAM-MEM CONSTR. MECCLLANEOUS DETAILS.	EB	185-M 185		LIGHTING FIXTURE DETAILS	┨┩┛	3	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓
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GENERA

Schedules I through IV are corresponding bid items on the "Bid Schedules."

8. SCHEDULE I - BASE

- Complete installation of all mechanical and electrical work and interconnecting piping and wiring, and all cutting, patching and demolition work required within mechanical room and electric valut; including area wells, enclosures of duct risers on first floor, roof top equipment, and related site work, except as specifically noted in subsequent schedules.
- Complete building addition at west end including all
 mechanical and electrical work; all required cutting,
 patching and despultion work for foundation well penetration
 on all sides of building. Mort includes complete site
 grading on all sides of building, but excludes road
 paying and curbing.
- Complete re-roofing of existing building including flashings, expansion joints, roof traffic walkways, builer and incinerator thisbles, mechanical equipment supports; all roof penetrations and curbings required for equipment in subsequent schedules; and all cutting, patching and demalition work.
- 4. Complete construction of the Necropsy area including all mechanical and electrical work; and all cutting, patching and demolition work. Hecropsy surgical lights, photo processing equipment and layout table, and dumbwaiter are excluded from the work of this schedule.
- 5. Complete construction of kitchen, glassware storage rooms, volatile chemical storage, basement toilets and showers, basement corridor walls leading to the exterior including all doors leading into spaces intended for completion under subsequent schedules; all mechanical and electrical work; and all cutting, patching and demolition work. Corridor vacamatic sterilizer, and dumbwaiter are excluded from the work of this schedule.

- Casework installation (laboratory furniture with sinks) in Necropsy area, and south side of kitchen.
- Laboratory Equipment in Contract: Hechanical distilled water system; freezer/cold room environmental chamber complete with refrigeration system but excluding back-up freezer condensing unit.
- Laboratory Equipment Government Furnished Contractor Installed (GF-CI): Three Necropsy tables; Necropsy sterilizer; three corridor sterilizers; three glassware dryers; two glassware washers; kitchen water still; hot air sterilizer; and soaking vat.
- 9. Complete installation of the following mechanical equipment including all electrical work, and all required cutting, patching and demolition: Maste sterilization system with one waste treatment tank; hot water boiler, flue, and hot water pumps; air handling units FS-5 and FS-6 including coils, humidifiers and ductwork; exhaust fans for basement. This work shall also include air and water balancing, controls, flow meter read-out kit, start-up with testing of equipment and hood for kitchen soaking vat.
- Installation of complete automatic fire suppression systems of water and halon throughout the basement area with provisions for future extension to first floor.

C. SCHEDULE 11 - INCINERATOR

- Complete installation of incinerator including stack and all mechanical and electrical work within the room.
- D. SCHEDULE III COMPLETION OF BASEMENT
 - Complete construction of Biological Services area including exhaust hood and casework: Revco storage room; Central Supply spaces; all mechanical and electrical work; and all cutting, patching and demolition work. Freezer/cold room environmental chamber is excluded from the work of this schedule.

- 2. Laboratory Equipment in Contract: Fume hood with roof
- 3. Government Furnished Contractor Installed (GF-CI):
- E. SCHEDULE IV COMPLETION OF BASEMENT EQUIPMENT (Except as Moted)
 - Complete Installation of the Following Equipment: Electric generator set including fuel tank, piping, and pumps. Refrigeration chiller, cooling tower, chilled and condenser water pumps, piping, controls and relocation of existing cooling tower with concrete slab and enclosure.
 - Casework installation for remainder of kitchen and glassware storage rooms.
- F. SCHEDULE V DIAGNOSTIC AREA (NIC)
 - Complete construction of the Diagnostic area including women's toilet/lounge spaces, janitor closet; installation of insulated exterior metal panels; all required cutting, patching and demolition work.
 - Complete building addition at east end including all mechanical and electrical work; all required cutting, patching and demolition work and road with curbing.
 - Complete installation of two dumbwaiters including all mechanical and electrical work, masonry shaft construction and all required cutting and patching.
 - Laboratory Equipment in Contract: Two environmental Chambers.
 - Laboratory Equipment Government Furnished Contractor Installed (GF-CI): Three diagnostic sterilizers, diagnostic Ice machines; six egg incubators; and five bipsafety cabinets and transition ducts.

- Complete Installation of the Following Mechanical Equipment Including All Electrical Work: Second toxic waste tank, steam boiler, flue and condensate pump. This work shall also include all additional air and water balancing, controls, and equipment start-up with testing.
- Installation of automatic fire suppression system of water and halom throughout the first floor.
- G. SCHEDULE VI ANCILLARY FACILITIES (NIC)
 - Complete construction of first floor Histology and Parasitology Laboratories including casework; all mechanical and electrical work; and all cutting, patching and demolition work.
- H. SCHEDULE VII COMPLETION OF WORK (Entire Building) (MIC)
 - Complete construction of first floor library, conference room, men's toilet room area, kitchenette, reception area, offices, including all mechanical and electrical work, and all cutting, patching and demolition work.
 - Complete Installation of the Following Mechanical Equipment Including All Electrical Work: Corridor vecematic sterilizer, back-up freezer condensing unit, -poto processing equipment and layout table, heat recovery system with heat exchangers, blo-services freezer/cold room environmental chambers with refrigeration equipment, and Mecropsy Surgical Lights
 - Reglazing of broken exterior windows and doors with new glass, including all cutting, patching and demolition work.



SCHEDULE I



SCHEDULE II



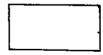
SCHEDULE III



SCHEDULE Y - HIC



SCHEDULE VI - HIC



SCHEDULE VII-HIC

REVISION STATUS DATE DESCRIPTION

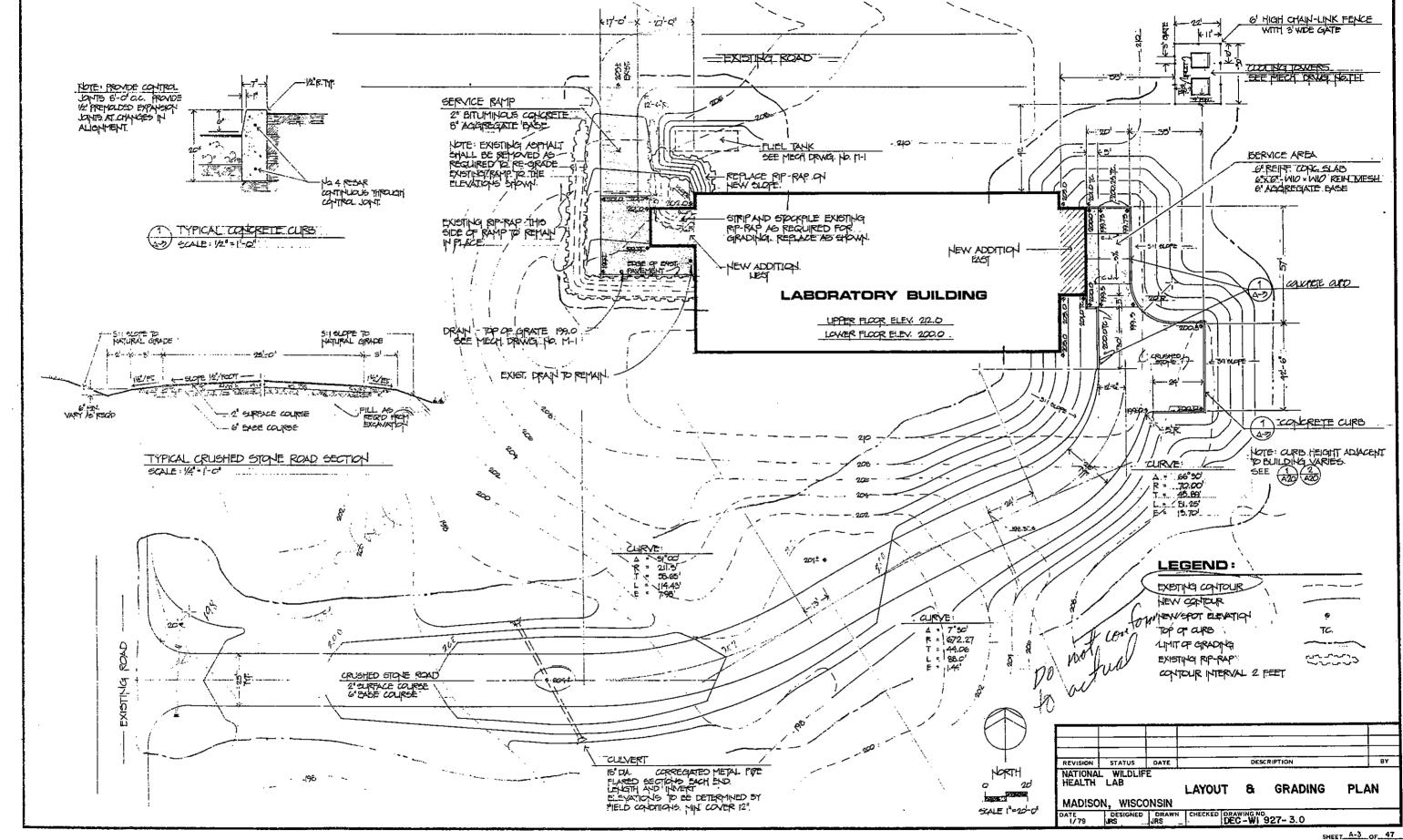
NATIONAL WILDLIFE HEALTH LAB

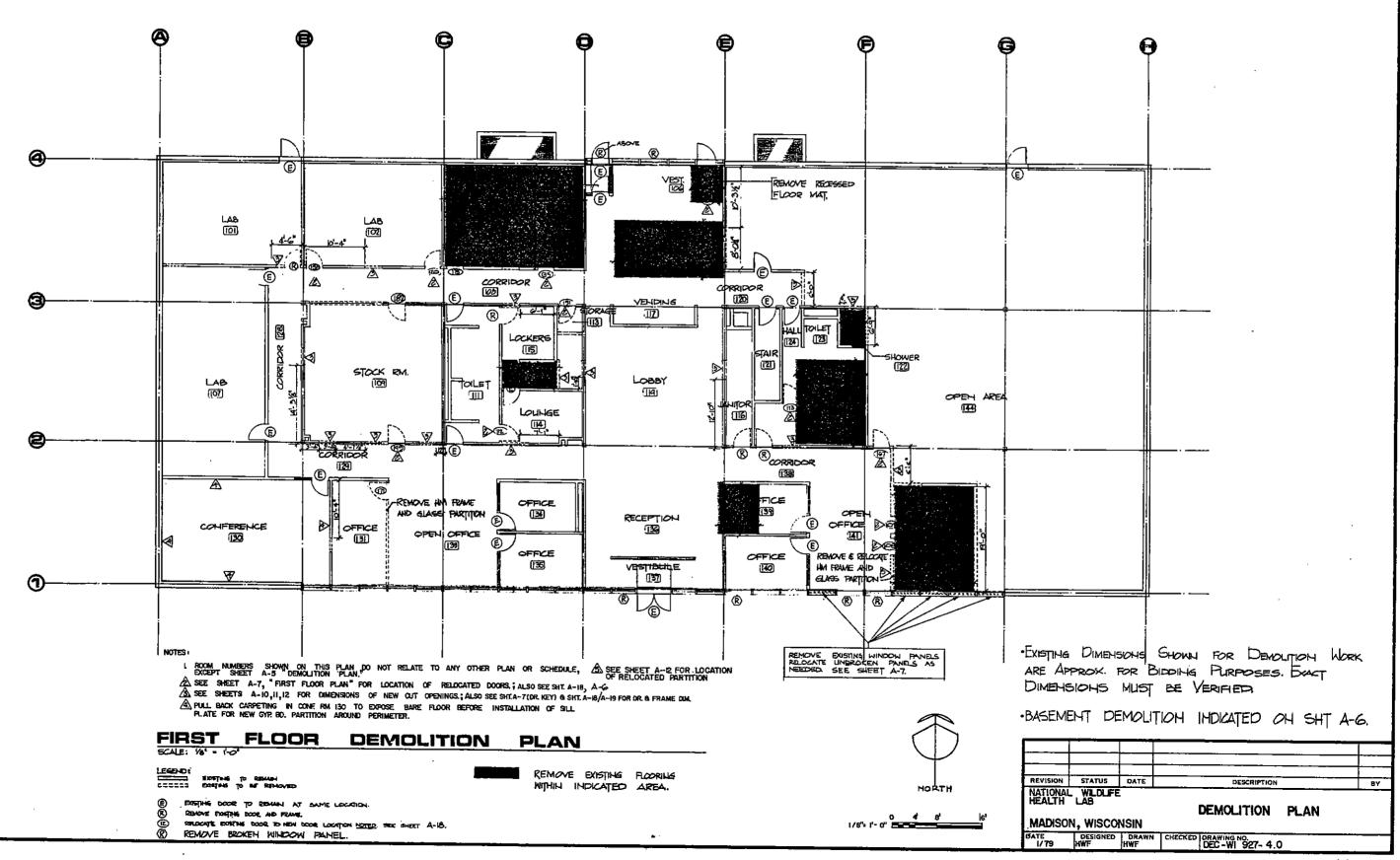
BIDDING SCHEDULE & PLANS

MADISON, WISCONSIN

DATE DESIGNED DRAWN
HWF HWF

779 DESIGNED DRAWN CHECKED DRAWING NO. D.E.C. - WI-927-2.0





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114	LOUNGE (M)	VAT		CORE		BLK	⊢	BLK	- -	BLK	\sim	BLK			<u> </u>	_	<u> 201</u>	<u></u>	
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131	OFFICE	VAT	\vdash	COLE	\hookrightarrow	BLK P	_	₹		ᄴ			 	A.T.	الما	9-0	亚		
199	OPEN OFFICE	WI		CONE		=	-	ZX XX	┝┈	MM	\sim	MM PY	K	A.T.	呤	9-0	ᅏ	RELOCATE DOOR FRAME ISDELIGH	
134	OFFICE	VAT		(DVE		BLK		FILK	├	BLK	\vdash	MM		A.T.	-	40	ᅏ	 	
195	OFFICE	VAT		COVE		BLK		MK.	 	BLK	-	ᄱ	 	A7	ا ۃ	40	ATT		
136	RECEPTION	VAT		CONE			_	MM	┝	BLK	$\overline{}$	BLK	 	A.T.	1	20	쬬	WOOD PANELED BLK, WALLS,	
137 [VESTIBLILE	VAT	r	COVE	<u> </u>	HW		M.W.	\vdash	BLK		BLK		A.T	Ň	4	쁊	NOW PARENT BLK. MALIS.	
198	CORRIDOR	VAT	$\overline{}$	COTE		BLK.	$\overline{}$	BLK	\leftarrow	BLK	igstar		 	A.T.	 	9-5	픞		
159	OFFICE	VAT		COVE		BLK		BLK	\vdash	ММ		BLK	\triangleright	A.T.	-	9-0	쮼	···	
140	OFFICE	VAT		ØÆ.		BLK		МЩ	\vdash	MM	\vdash	PLK		A.T.	-	40	쬬		
141	OPEN OFFICE	VAT		COVE		$\overline{}$		WW		ММ	$\overline{}$	ММ		A.T	1	40			
142	OFFICE	.VAT		COVE		BLK		BLK	∇	BLK	\triangleright	BLK	$\overline{}$	ΑŤ	×	9-0	型		
1							· · ·		<u> </u>				۲-		\vdash	ٺ`	_		
144	OPEN AREA	S		ŀ		BLK.		BLK	$\overline{}$	BLK		BLX	/	-	┢	Ι <u>-</u>	<u>ত্র্যা</u>	·	
									Γ	<u> </u>	П	<u> </u>		├	\vdash	\vdash		······································	
													<u> </u>	П		┖			
										Ī		<u> </u>		<u> </u>		г	┌┈┤	·	
													<u> </u>			Г		······································	
												Г	Ι	1		<u> </u>	Н		
\Box				I					<u> </u>		\vdash		1			 	Н		

LEGEND:

DEMOLISH

DEMOLISH

EXISTING TO REMAIN

REMOVE AND REUSE

VAT VINYL ASSESTES TILE

CON CONCRETE

C.T. CERAMIC TILE

CARP CARPETING

BUL BONC MASONRY BLOCK.

HIM. MINDOW BANEL AND FRAME

AT. ACUSTIC CEILING TILES.

PLAST PLASTER

WD. HOOD PANELING

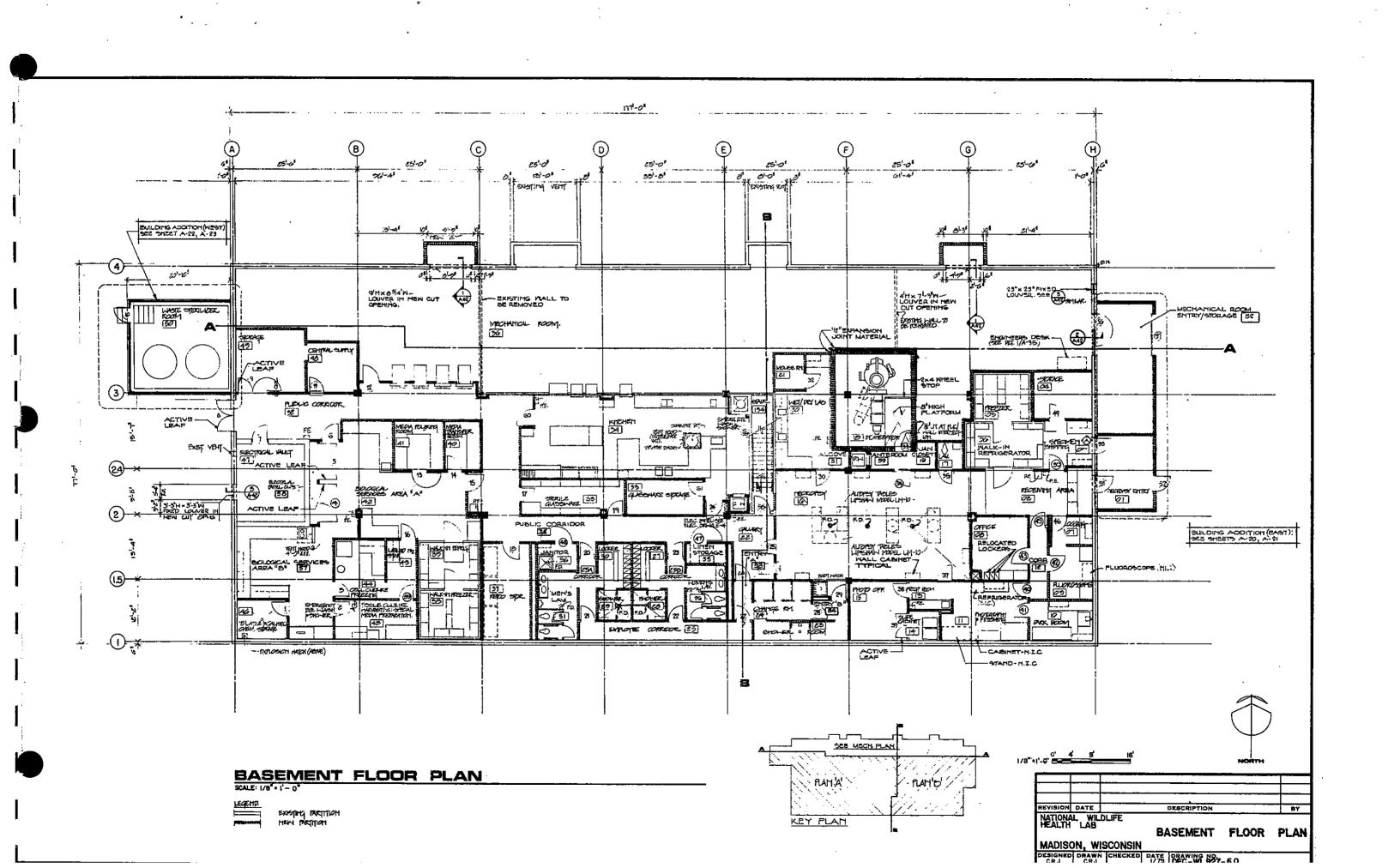
WD. WOOD PANELING

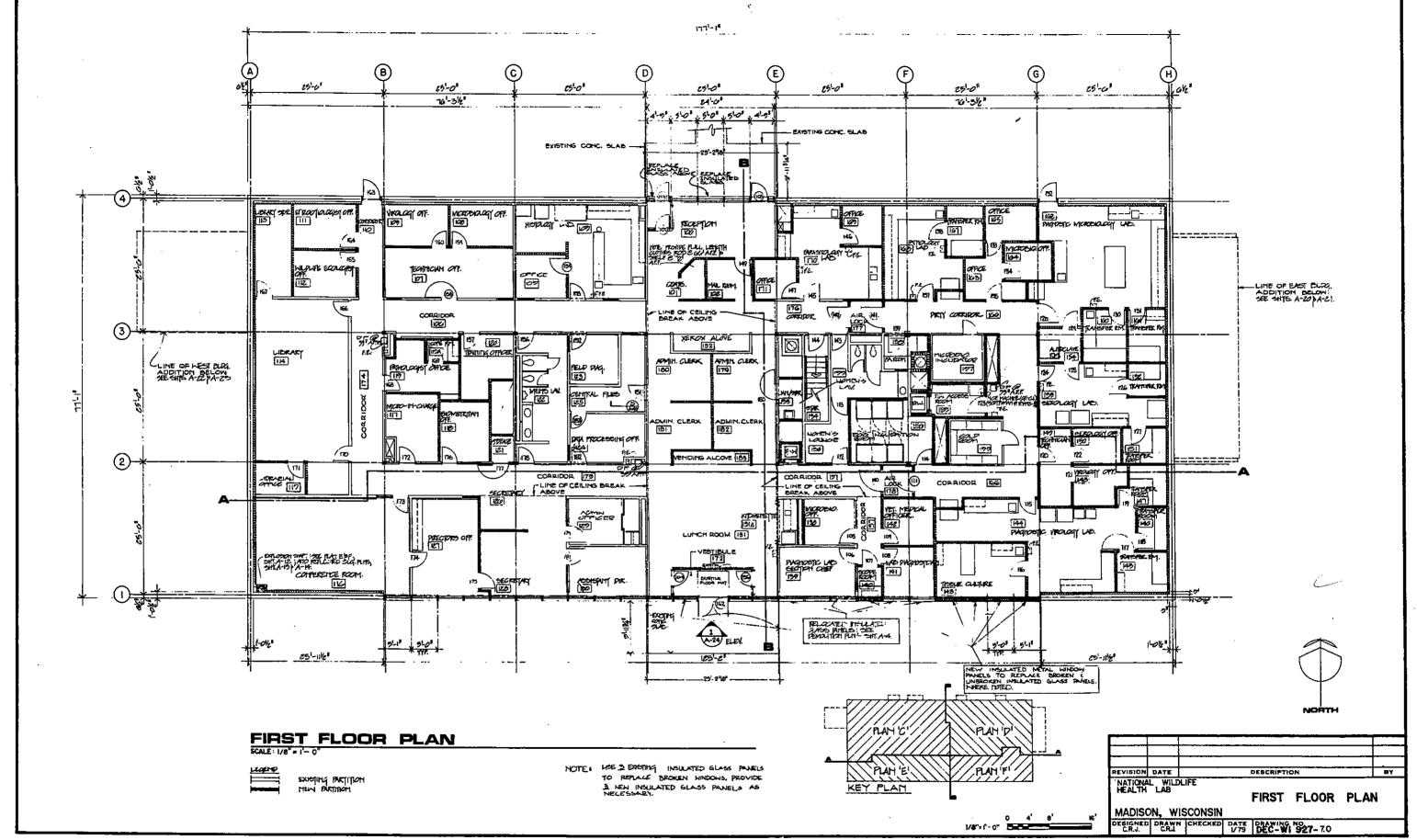
- L ROOM NUMBERS USED ON THIS SHEET DO NOT RELATE TO ANY OTHER SHEET EXCEPT DEMOLITION PLAN, A-4

 2. SEE SHEET A-2 FOR BIDDING SCHEDULE AND BIDDING PLAN.

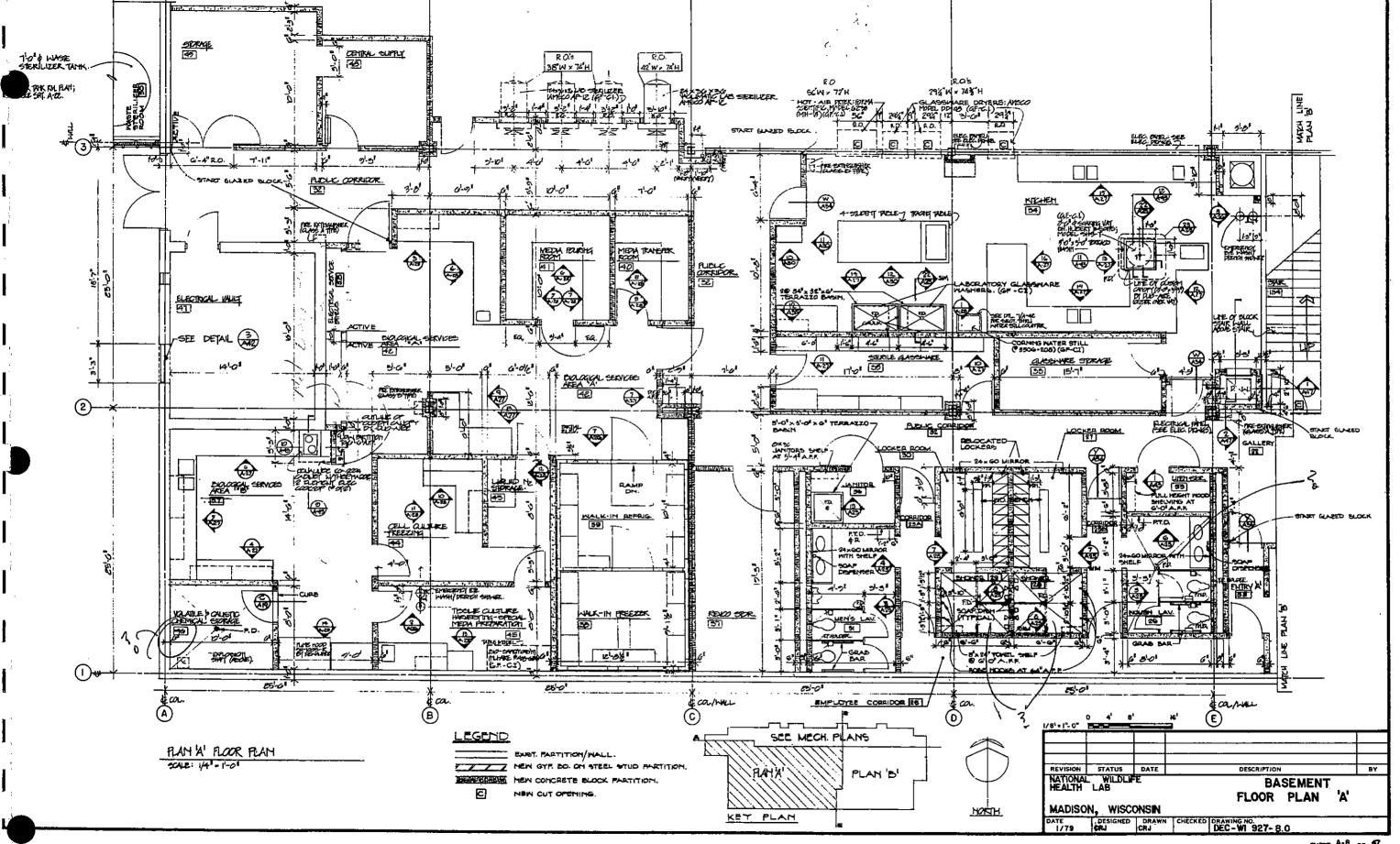
REVISION	STATUS	DATE	DESCRIFTION	BY
NATIONAL	- WILDLI	FE	DEMOLITION SCHEDULE	
	N, WISC	ONSIN	CHECKED DRAWING NO. DEC - Wr. 927- 5.0	

SHEET A-5 OF 47

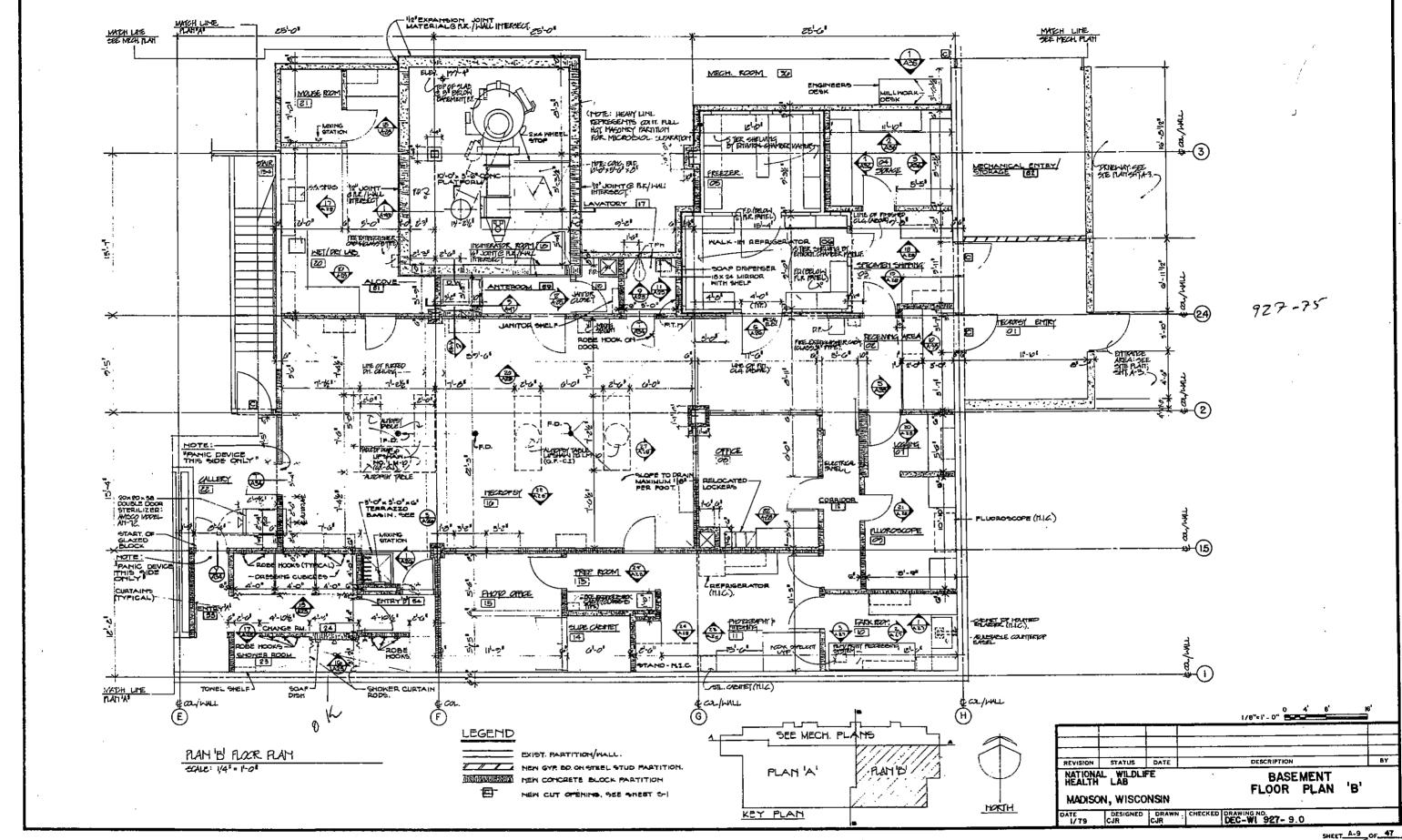


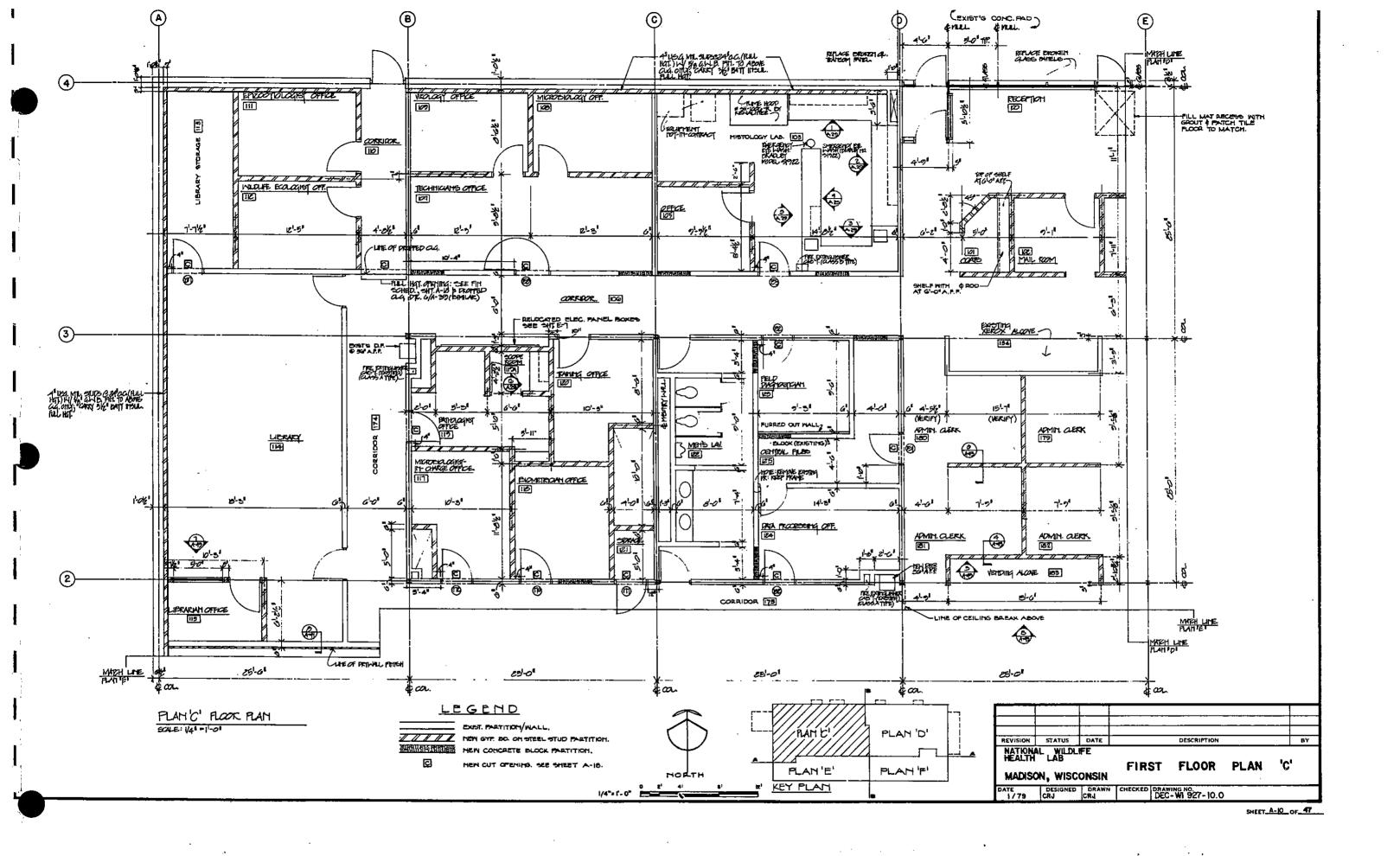


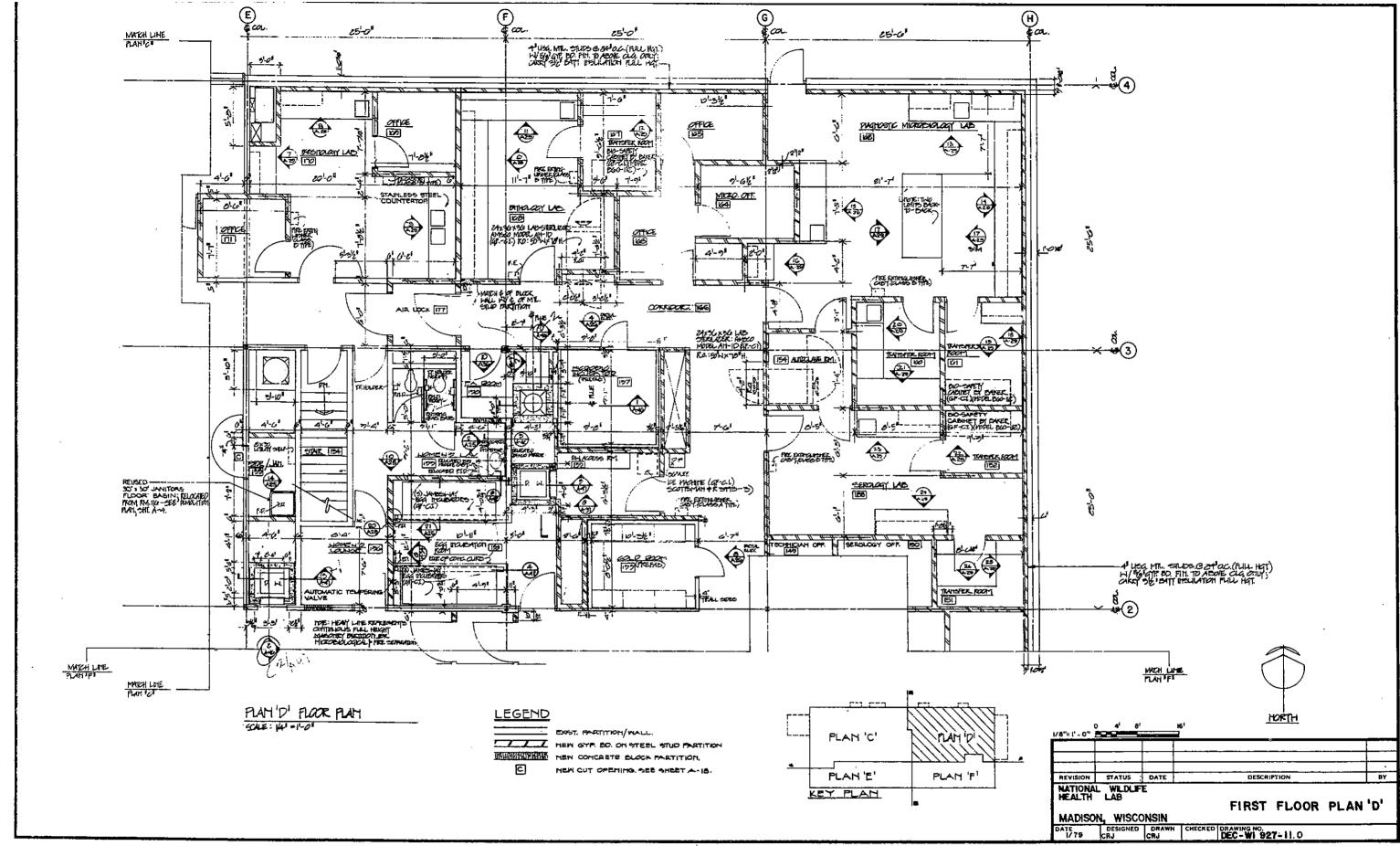
SHEET 4-7 OF 47



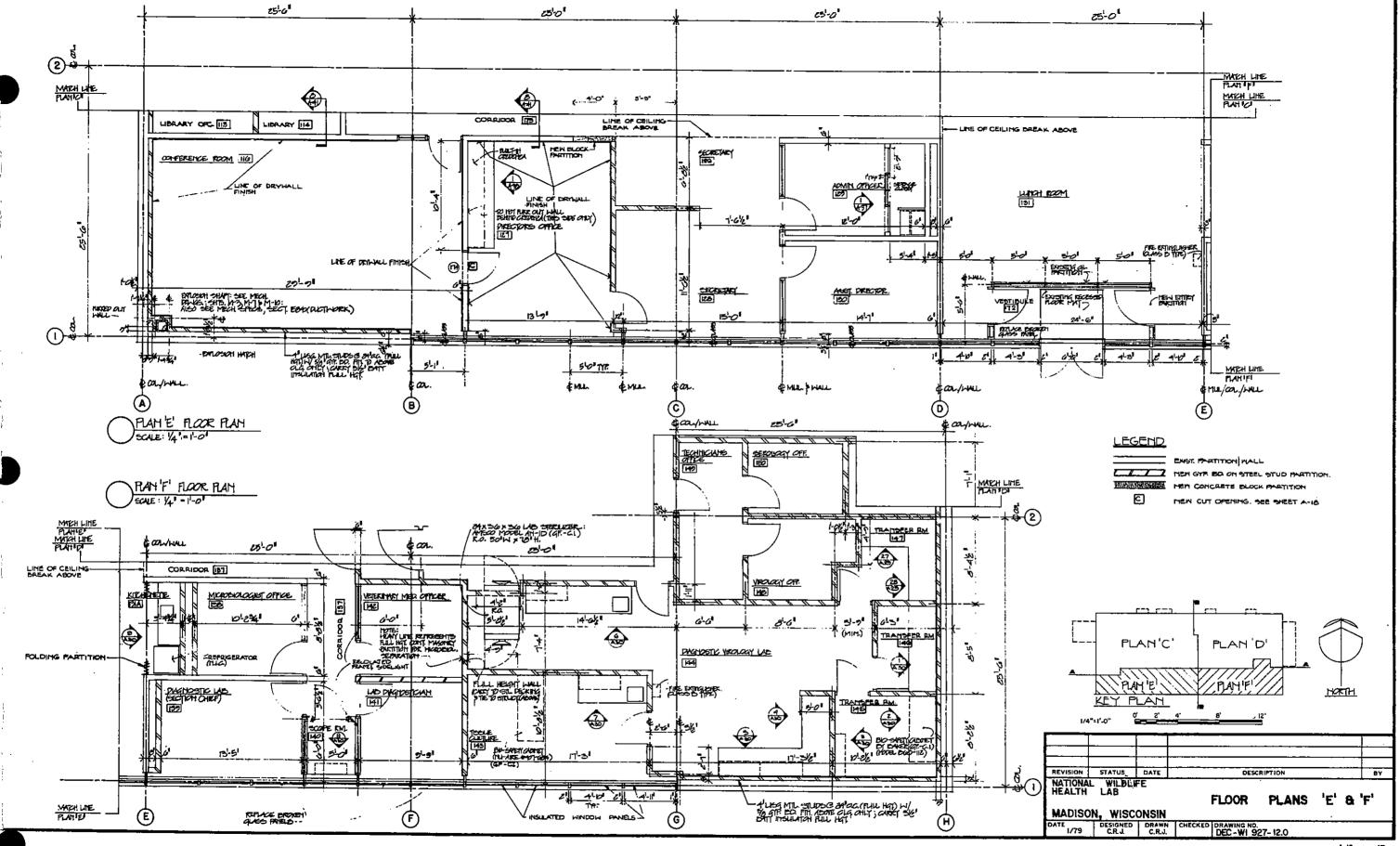
SHEET A-8 OF 47



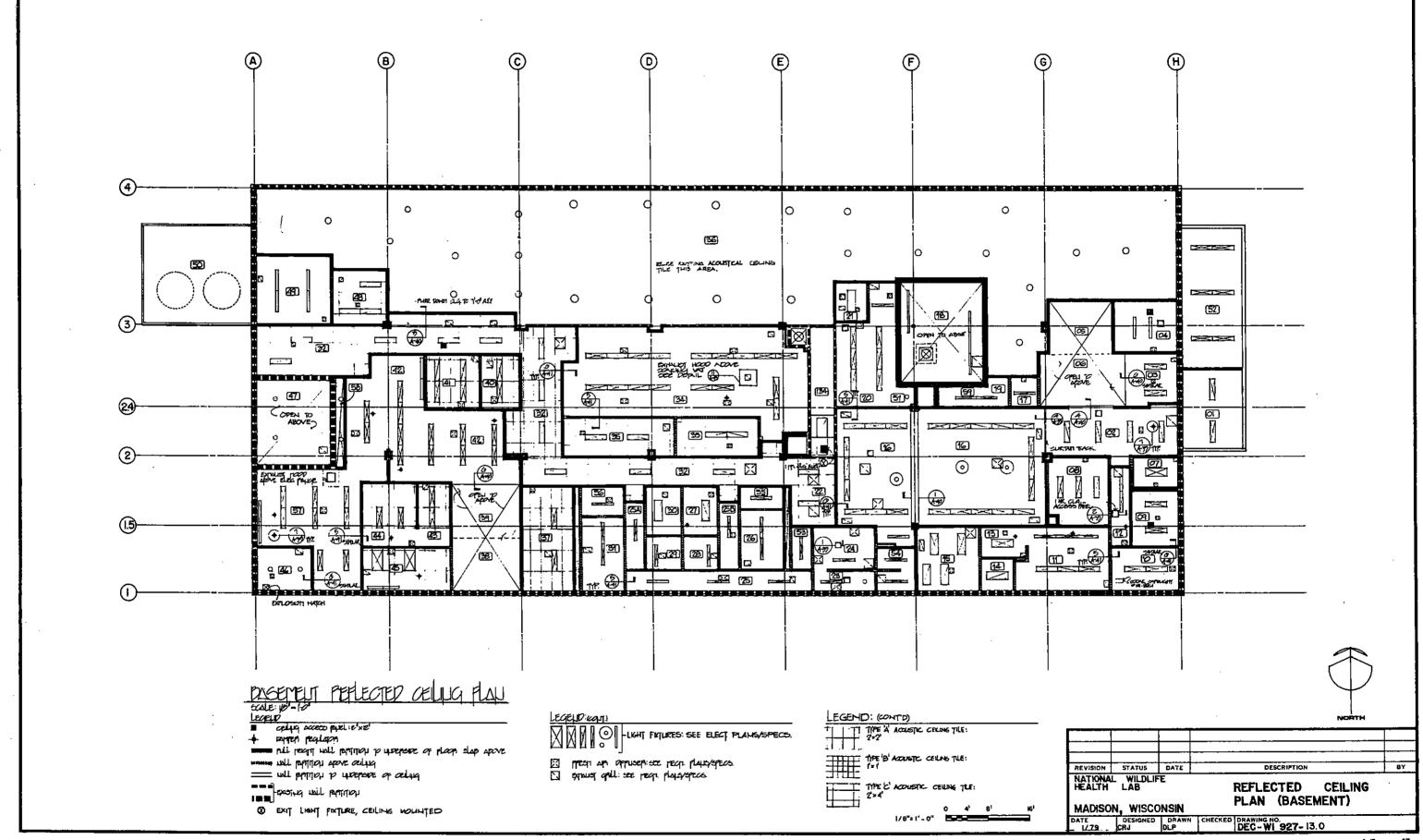


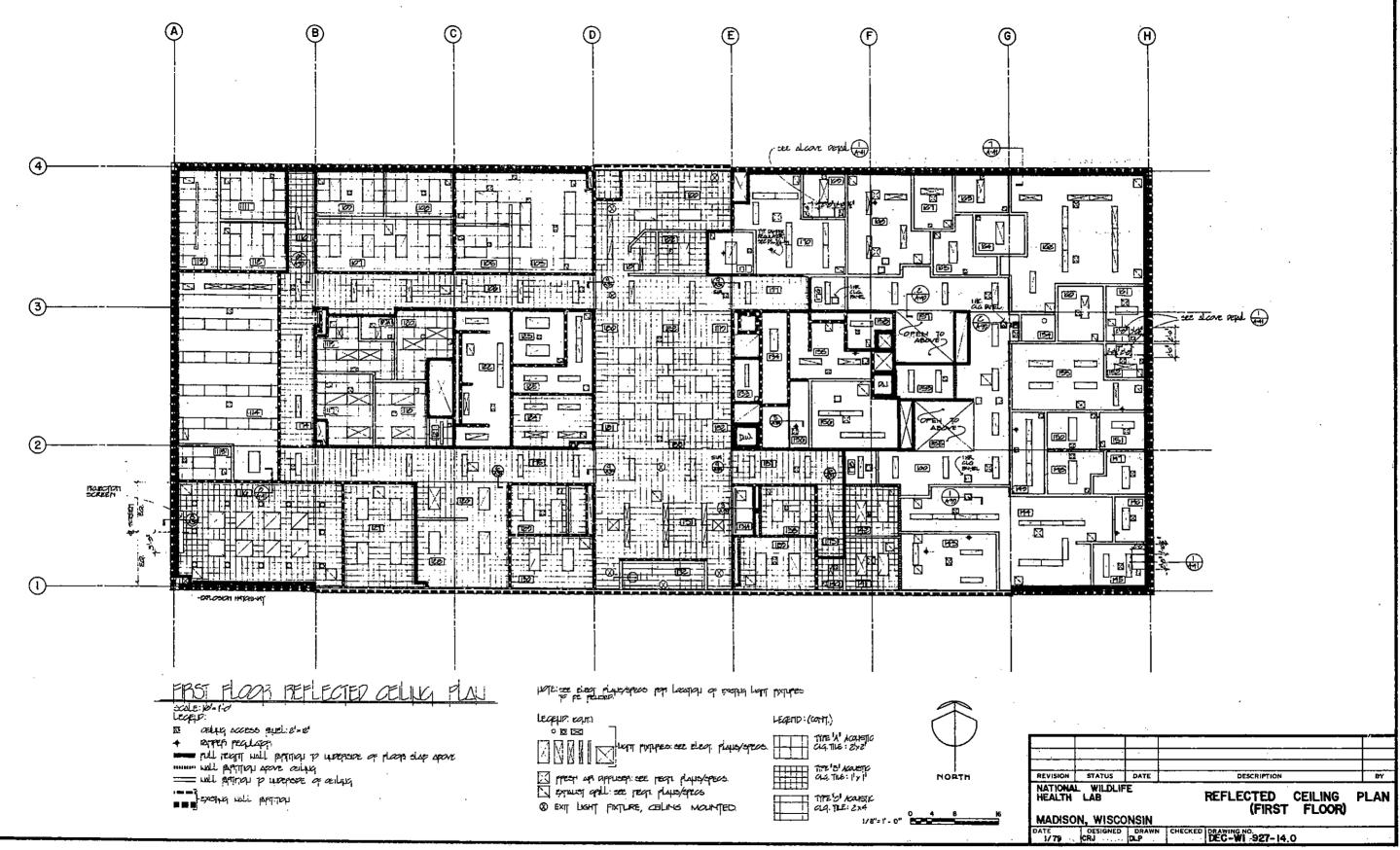


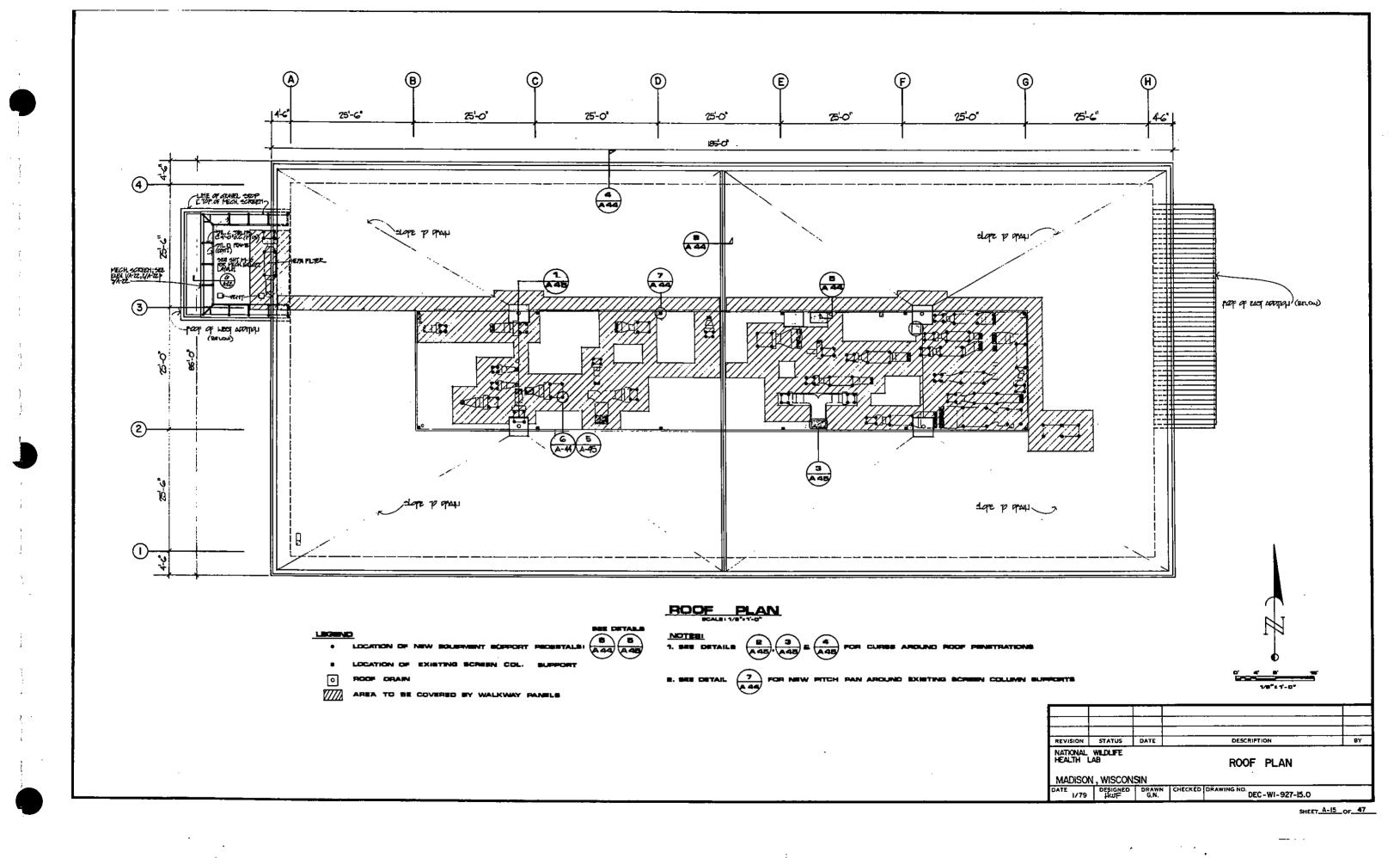
SHEET A-II OF 47



SHEET A-12 OF 47







B	ASEMENT RO		1	Fi	NI	8 	4	SC	٦Þ	E	DL	JLI	Ē			-		
5		FLO	DA	BAS	HE.					LLO				CKIL.	NO	93	μË	-
NO OM		Į				NOF	H	EAS	37	SOU	TH	WE	IT	CRR		┋킽		
μŽ	NAME	MAT.	FIN.	м	7	M	F	M	#	м	F	R4	F	м	F	85	ğd	REMARKS/NOTES
<u> </u>	NOW THIS	ZATZ		VINYL		COHO	P	<i>(</i> ውይ	모	2212	P	COH	D.	wrgu	Þ	VALUE S		
									·	-			<u> </u>		•		-	OPEH HUMBER
72	KCZCIVINZ AKCA	EAVE		20	3	BLK.		ž	_	E.K	EP-2.		<	MR COMB		_		
735 74	BECKMEN CHIPPING	VAT	K	WW.		BLK	P.	22.5 22.5	$\overline{}$	BLK.	P -			GNB	_	B. 2	_	<u>-</u>
225	MALK-IN TREEZER	CONCI	5			BLK.	احز	CONC		BLK.	7	BLK BLK		GMB.	5	0-0	8-7	PREFAB ROOM
Olo .	WALK-THE REPROFRAÇOR	(corr)								BLK		DLK		EXT			87	PREFATE ROOM
<u> </u>	LOGOTHA DEFICE	VAT	Z	ATUAL	\geq	BLK.	Γ.	CONC	_	BLK	P.	BLK	.F	GNB	F	8.0	б-7°	
12	FUNDE ROOM	VAT	\prec	ZIMYL	\leq	BLK	Ι,	DLK	P	N.K	*	B.K	r	GNES	P	60	8-7	
72 10	TARK KOOT	VAT		AIV.	\leq	BLK	P	(CO.C.)	_	(CD)(C)		BLK	Р :]Р ::	GMB	F	00	8-T	
11	PHOTOGRAPHY & PILIPHING	VAT		23.5		BLK	P	DLX.	P	<u> </u>	_	BLK	<u></u>	GNB	P	00	8.7	
.12	CORRIDOR	YAT		VIM.	\geq	ВK	P	BLK		BLK	F	BLK	₹ .	GMB	P	60	87	
<u> </u>	PREPARATION ALCOYE	VAT		ALLA				BLK	F	BLK.	7	BLK	r	GMB	٦	00		
14	GIVE CADINET CLOSET	VAT	K	ALAT.	\leq	BLK.	P	BLK	.P	2000		BLK	<u>P</u>	GMB.	٢.	80	B-7°	
10. Va.	PRODUKAPAT OFFICE	VAT ELAMLE		20VE	<u> </u>	PLK	F EF-2	BLK BLK	P ER2	50.YC)	P EP-2	BLK	P EP2	GMB NRGNE	F .	50	81 81	
<u> 1]-</u>	LAVATORY	YAT		VINYL		DV.	E/-1	BLK.	Er 1	BLK	EP-1	BLK		NR GNE		80	BT	
מב	THURRATOR KOOM	CONC.		Сонс		N.K	$\overrightarrow{}$	PL.K		BLK	$\overline{}$	BLK	\overline{z}	EXP	F	>	VARIES	FIREPROOFING AT CEILING
Ħ	LAHITORS CLOSET	VAT		VINYL	<u></u>	P. K	r	ST.X	P.	BLK.	P .	B⊾K	Р	GNA	۲.	5.0	8-7	
20	_MOT/DRY LAD	ALLA		COVE	IHT	BLK	तन	B-K	Er-1	_	_	(Brk)	.EP-1	GMP.	₽	6-0	V¥XES	
21 72	AALLEEC	VAT	K	COVE VIXYL	₩T	BLK	EP-1	BLK	CP.1	BLK	EP-1	BLK	EP-1	GMB	P D=13	7-6	40	
73	STOLER BOOM	टा	 	CT	\leftarrow	BT K	EP-2	BLX.	P EP-2	귀 전 8	EP-2	ᇠ	FP.A	AT) PROME		00	5-T	
24	CHAHBIE BOOM	CT		CT		PLK.	EP-1	BLK BLK	EP-1	ELX.	EP-1	BLK	_	RGH		00	8-7	
20	CORRIDOR	CT		टा		BTK	EP-1	¥	CP-1	CONC		BLK		R.GNB		00	6 ' 7°	
72:A	LOSER LOSSIDER (MEN)	CT		СТ		BLK	₽.J	B.X	EP-1	ВK	EP-1	BLK	LP-1	RGNB	EP-1	00	8·ť	
200	LOCKER CARRIDOR (MOMEN).	<u> </u>		CT.	\leq	<u>BLK</u>	EP-1	B.K	EP-1	BLK	EP-1	BLK	_	W.GN.		60	81	
26. 21	LACKER ROOM (NOMEH)	CT		CT	\leq	BLK	EP-1	訳	EP-1	BY.K.	EF-1	BLK	-	HEGNE HRGNE		00	87 87	
26.	GIGHER ROOM (NOMEH)	CT.		СТ		BLK	CP2	BLK BLK	EP-2	BLK	EP-2	BLK		N. GNE	_	00	8-7	
21	SHOUTH ROOM (MEND	СТ		СТ		BLK	EP-2	PLX.	EP-2	BLK.	EF-2	BLK		ROLL		ان لاح	<i>8</i> -7°	
30	LOCKER ROOM (MEN)	ст	$ \angle $	CT		BUK	EP-1	BLK.	EP.1	BLK	EP-1	BLK	EP-1	H GHB	₽P-1	80	87	
<u> </u>	MENS LAVATORY	ст		СТ		BLK	EP-1	BLK	EP-1	BYK	EP-1	BYK	EP-1	Nº GNB	_	80	8-7	
52 53	CORRIDOR GLASHARE GURAGE	VAT		VITYL VITYL	\sim	GL:CLIA BLK	P	BY. G:BY.	P	GL BL		G-B-K	_	AΤ		8-0	WEE5	
24	KICHCH	ΩT.		_	3	BLK BLK	P-1	BLK.	EP-1	BYK	P 57-1	BY.K	FR.1	NRGNB		8-0 7-9	7-4 7-4	
35	STRIL GLASSWARE STORAGE	VAT		VINYL		BLK.	P .	BLK	P	BLK		PLK.	P	IAT7	_	8-0	VARIES	· · · · · · · · · · · · · · · · · · ·
26	MECHANICAL ROOM	(CONC)				252		8		BLK		2		IAT I		9.0	9-0	REUSE EXSTING CEILING
21	REVLO STORAGE	VAT	4	VINYL		BLK	T	Ķ	P	(CO1/d		BJK	P		[c]	0.0	8.7	
32 91	HALK-IN PROEZER HALK-IN REPRIGERATOR	(201C)			\leq	\leq	\leq	BT K		20.43		BYK		[14]	=	\leq	81	FREFAB ROCU
40	MEDIA TRANSPER ROOM	VAT		VI-M		BLK	EP.	BLK	EP.I	BLK.	EP-1	BUX	FP.1	(EXP)	6	00	85°	PREFAB ROOM
41	MEDIA POUR HO ROOM	VAT		VNML		BLK	EP-1	BX.	EP1	BLK.	r-i		CP-1		Ė	0.0	83	
4 2	BOLOGICAL SERVICES AREA A	VAT		VIM.		BLK	CP-1	BLK	EF-1	DLK	_	DT.K	EP-1		P	8.0	8.9	
773	LIQUID HE STORAGE	VAT	Z	AHA)										aND			8-7	
	CELL CULTURE PREZING	L <u>YAT</u>	\prec	VIHYL		BLK	EP-1.	BLK	CP-1	BLK	EP-1	BLK	EP-1	ZWB.	_	-	B.T	
45	TECHE CULTURE HARVESTING/ SECUL MEDIA PREPARATION	VAT	/	MW.		BLK	LP-1		EP-1	DONG	P-1	PLK.	EP-1	GHD	P.	ים ש	87	
46		card				BLK	5P-1	<u>PLK</u>	EP-1	CONC	EP-1	CONC	EP-1	GMB	L		8-7	
41	ELECTRICAL VALIET	CONC)				[BLK]		[BLK]	_	[BLK]		CONC	ш,	[EXP]	_	ブ		
40	CENTRAL GUPPLY	VAT		VITYL		BLK	Р	BLX	Р	BL.K	P	BLK	P	AŢ.		8.01	8-3	
41	O ORACE	W		MLLI		_	P	BL.K		BLK	_	(20XC)		CMP		60	8.5	
50 51	NAME STENETICE ROOM	CONC	-	100		_	_	CONC	-	GMB		GMB	LP_	GWB				
.51 .52	ALCOVE (MET/DRY LAB) MECHANICAL ROOM ENTRY/STORAGE	CONC	_	VMYL		BY.K	_	BLK CONC		BLK		Øκ.		H GNE		180	8-7	
53	EHTRY W	CT		CT	1		_	_	_	_	_	<u> </u>	1 -	WEGNE		A. A.	0.74	
54	ENTRY 5	CT		CT										MR-GHE				<u> </u>
55	LINEH STORAGE	VAT		VIMIL		BLK		BLK	_	BLK	_	BLK	•				8-7	
56	JAHITORS CLOSET	VAT	u	MML	Υ .	B.K		BLK	P	BLK	P	DLK	P	GMB	Р	80	8-7	
57	BIOLOGICAL SERVICES AREA 'B'	<u>M</u>	\prec	NAW.			EP-1	Brk					EP-1	GNB		30	37	
<u>58</u> 59	ELECT. PAHEL CLOSET AHTEROOM (DUMBWAITER)	VAT		VETT	K	BTK BTK		Brk Brk	_	BLK	_	[bix]		EXP]		4	87	
<u> </u>	descen (complex)	170		IA 111F		 	-	- DUK	╀╾	BLK	 - -	SLK.	ᢡ	GWB	 	100	01	
-											-	 		1-	+-			
	- ·						E				G				E			7.7

AT - ACOUSTIC TILE (TYPE 'A', B', OR'C')

BLK - CONCRETE MASONRY BLOCK

C.T. - CERAMIC TILE

REVISION	STATUS	DATE	DESCRIPTION	BY
MADISO	LAB	ONSIN	ROOM FINISH SCHEDULI (Basement)	E
DATE I/79	DESIGNED SES/HWF	DRAWN SES/BB	CHECKED DRAWING NO. DEC- WI - 927 - 16.0	

										SH								
E		FLO	OR	BAS		<u> </u>				LLB		,		CBBL	ING	35	Ę	
2						NO	HTH	EAS	T	801	πн	WE	Ţ	!			Ēâ	
ž	NAME	MAT	FN	м	F	M	F	M	F	м	F	M	F	_ m			Z Z	REMARKS/NOTES
1							L.		 -	 	 ' -		•		ا	-		HEMAHRS/NUTES
0	RECEPTION	WAT		YHYL		(41/66		(J4IZ)		∠d N D	Р	[AR]	$\overline{}$	[47]	[6]	461	40	(1)(2)
וו	WAT TRACK	NYT)	\angle	WHL	\leq	وهينك	P	6HD	r	and	r	40	Р	M]	(A)	40	4.0	00
Z	MAIL KOOM	(A)	\prec	VIT	14	AND.	F	₽₩Đ	P	40	P	₫NS.	r	5	[44]	¶⊅1	4.0,	00
2	HISTALARY LAS	ALUL	/	COA.	1HT.	GNB	EP3	įnki	DA.	(EOX)		NA CAL	দ্য	Δ	['בי]	460	ō	3
4.	COUNTY OF THE CO	0	P	E	М	<u> </u>	И	u	М	В	E	R						
튀	CORRIDOR	AIM	4	COVE	INT.	40	<u> </u>	60	Р	[aux]	P -	ÞΝ	P .	[4]	['4']	49	ģ	
<u>م</u>	TRANSCIAN OFFICE			VINTL	K	lux	P			[EW]	P.		_			20		000
\equiv	MICROBIOLOGY OFFICE	M		VHYL	K	400	P	(Brk)	r	[HX]	P .		Р.		(M)			003
4	VIRALARY ATTOR		-	VMY.	K	GATS.	P	(fik)	P	4115	P	_	P		[A]	.960		<u> </u>
7	CORRIDOR	[[VAI]	/	NEW	K	40	P.	446	P	00	P	[BX]	P - "		[1]	40	10'-0"	<u>D@</u>
	CYTOOTIOLOGY OFFICE	নি	/	VENL	\vdash	A15	P	(UK)	'P		1	(AD)	P .			401	10-0t	99
2	HILDLIFE ECOLOGICAL OFFICE	協		ARUT.	⊱	AND AND	P	60	P	ánd fak	P	Ø¥Ð	<u>-</u>		[[A1]	9-01	p o	00
2	LIBRARY STORAGE	MT.		WHYL	1	ALD.	P	AND AND	P			646	P '	•	[]A [†]]	90	10.0°	00
	LIBRARY	ivanii 1		WM	1	ink)	P	EK)	10	(PLK)	P	64B	P ·	M.	[1A1]	4-01	10,0	00
Ħ	LIDRARIAN OFFICE	W)		VIEL.		Z	<u> </u>	41/25 ;	2	EK!		BND	P :		['A']	41.00	0,0	<u> </u>
Я	COMPERCIONE ROOM	VARYET		NHA		GNB	P	AWB	P.	24/2 24/2	P	SHID	P ·		/A*	21-0°	D:0	00
Ħ	MICROBIALIZATI IN CHARGE	W.		WHAT	-	(AND	P	AND.	P	BLK]	P		P	<u>v</u>	'Δ' 'Δ'	00	E.X15.	<u> </u>
2.	BOMETRITIAN OFFICE	VAT		וויאנו		AND		AND	P	BIK!	_	dis.	P	Δ.	ıΔı	00	EXP	
	PATHOLOGIST OFFICE	W		VINT.		GND	P	AND AND	F	QMO.	P	BLK	P	AT .	Δ	00	EXP	
74	GOVE ROOM	JAI		VIHIL		GNB	P	4NB	P.	ZHD	P	640	_	7	IΔ	00	EXE	
Z.	TRAINING OFFICE	741		VINL		EUX.	P -	MK	P.	4ND	P	6ND	F.		Δ.	OD.	EXE.	
:	STORAGE	अग		WHIL		410	F	ELK	P	B.K	F	alb	P	AT	יעי	00	EXP?	
2	MEN'S LAVATORY	团		4		PLK.	.EBL	zki	ER1	-	SRL			_	<u>-</u> -	00		<u> </u>
3	PIED TAGHOSTICIAN	VAT		MITTL		DIX	79	žκ	P		P		P	LASIX	P	00	A O	<u> </u>
4	DATA PROCESSING OFFICE	[VI]		NHVL		DLK	P	шx	Р	BUX		ELK	P	MI	ा है। इस्ते	שש		000
7	ZENTRAL PLES	VAT.		ANIT		DIX.	79-77	ਲਿਲੀ	P	BLK	P	-	P	Uere AT	-	41.4	8-0 202	XX
<u>~</u>	GORTARY	[M]		NHT						AB	P	ave	P		_	9'-01	40	00
긔	TARECTOR'S OFFICE			MM.		GNB	P	.44D	P_	A'K	<u></u>	SMB	₽	AT .	•	91.0	q'.α'	
E	** OCCRETARY	[VIT]		NHV.		GND	r	GWB	Ŀ	614.5		4MB	P	[17]	JBI)	90	4'-0"	
4	ADMINISTRATION OFFICER	[VAT]		Ϋ́		teux 1	4	Æ	P	[2 [X]	Ρ.	Q.H5	$\overline{}$	[AŢ.].	[15]	41.0	41-0	
\mathbf{z}	AND GLANT TAKECIZE	[var]		3		(ZK	F	ibl k	P	Alas	1	4466	$\overline{}$	(AT.)	[יכין	9:0	1-0 "	00
-	LINECH BOOM	(MT)		MHV.				(MD)	£	61.AS		[MD]		Ι Λ Έ.	551	9.0	40	
	RICHERTIE	VII.		WEAT.		(EK)	₹	(GVB)	P	(ark)	P		\setminus	チ		7:5	-450°	
=	XEROX ALCOVE	(VAT)		NAM.				MD]			/_	ĎΦ.		/ T	יפי	91-61		(Q
읡	JANJOGGGE	VAT_		.WML		aND	P	[ax]	P.	ans.	<u></u>	(Erk)	ъ.	4MB		80	EXP.	
#	WALE LANGUAY	100	PC.	ראאוי	/	(FIK)	Ρ.	[N.K].	ŧ	[BLK]	Ρ.	[XX]		(GMB)	_	VARIES	WAIES	
	TIPPE INGE	(i)		<u>[4]</u>		CT.		[XK]	EP-1	OMD.	EP-1	JAK :	EP-1.		P	00	_	00
=	WARIOTA	[AT]	\leftarrow	VINT.		-	<u> </u>	GNB	P	[DZX]	P	[MM]	P	646	7	00	6.0	
討	MICROSOLDER OFFICE	[[24]]		NHTL			P	A E	P	[ax]		\leq			נימין	8-0	4.0	130/10/30/
討	PAZINOUZ AD PROTON CHIEF	[V4] [V4]	K	NHI		[KK]	P	(446)		[ak]	P	GNB	P	-	(°D')	41.01	70	
2	SUPE BOOM	IMT)	\leftarrow	NHYL		[EK]	<u></u>	AND AND	2			GMB	P _		ы	91-61		00
7	TAB DAGREDICAN	[VAT]	1	AMAT.		AND 2450	P.	∠HB GNB	P.	PANEL		140	P		['0']	9401	4.0	
ᆉ		 	H	_		GNB:	_	_	_	(AV#5)	~ -	-	P			21-01		100
5	THESE CLITICE	ALLUM.	_	///	THT.	NK-	F0.	GMB	E	SHO PRIAL	-	ALLE WIL -	30	END MR-	L D.1	10	4.0	000
4.	DIAGHOSTIC VRA DOY LAB	ΛΙΉΥ L		LOIC.	INT	NK-	EP.4	HHE -	EP.		EP-1	됐는.	:	END.	200	00	EXE.	·
5		VINY.		-ירנמי	TNT	7.A.	PP.	With a	PP.	GNB KK,	-	HAND.	PET T	SEC.	PE T	10 D	.×i	
_	TRANSPER BONE	ALLA F		LORE	ואד	1000	-) -	EP-1	HANG-	Ep.4	础	EP.1	を発送し	77	0 21	P-70	
<u> </u>	TRAMOFER KOOM	ABJAF		10VT	IM	NE.	PP-1	规	EP-1	いない	FP.	XX-	EP	W.	-0.	4.4	F-V-0	
Z.	VIOLOGY DELCE	VAL.	-	¥	جرا	ZAVZ		ZAJO	P	6700 6700	-	(A)	-	AST D	P .	B-0	EXP	
1	TECHNICIAH OTTICE	VA.	$\overline{}$	NHV.		AND.		GUD	_	AND.		ALD.		(SPE)		00	_	
ō.	SEROLOGY OFFICE	VAI -		WHM	تجا	AND.	P	AND	P	AND	P	SND		_d₩b	-	8-0	_	·
╗	TRANSFER ROOM	YMYL		DV.	INT	FIR.	EP-1	MIL-	EF-1	POR-	₽P-1	MH-	PP-1	PIE.	EP-1	0-0	EXP	
ΖŢ	TRANSPER ROOM	ALLAT		W.	11/17	GWP.	D-7	GN-	EF-1	GNO GNO	EP-1	GNE	EP-1	WH-	77-1	8-0		
2	SOCOLOGY LAB	VI IIL	\square	W.	IHT.	JOHN .	EP-1	W.E.	EP-1	FINE.	EP-1	FAX.	EP-1	GHA	PP-1		_	
ट	ALTICOLAYE ROOM	V2•YYL	\square	COVE	INT.	MK-	EP-1	NA-	EP-1	GMP GMP	EF-1	WE -	EP-1	SWD	P-1	00	<u> </u>	4
5]	COLD BOOM	earc)		$\overline{}$		ZWD.			_	_	1/	1/	خرا	- The second sec	نرا	EXP	_	PREPABRICATED ROOM
6	ESG. IHCUPATION ROOM	<u>27.</u> 1		Ø.T.		FWP.	EP-1	MH-	€ F•1	[BLK]	EF-1	CHP.	EF-1	GHS	CP-1	-		The state of the s
1	MICRODIOLOGICAL IHCUBATOR	(a c)	\square					i				!"	 		ش	E .		PREPABRICATED ROOM
_	ta room	ফ্		¥		Ø\$€	P	ΘNB.	Р	(FLK)	P	B.N	IP.	ONE	P	00	20	36
9]	DUMB HATER ACCESS ROOM	VAT		Ä		4HB	P	/41/5	P	400	F	PVK	i P	611	P	ALD	FYP	
9	TRANSPER ROOM	ŅΠΥ_		DR.	INT	SMB	EP-1	GHB	EP-Z	GNI-	EF-E	MK-	EP-1	MK- GHE GHE	C7-1	00	EXP.	
	TRANSPER ROOM	NHYL.		/DITE	INT	WA-	EP-1	MK-	EP-1	NA-	EP-1	74	EP-1	MA-	19.	0.0	FVF	1
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73 -	OFFICE	W		YIHYL	<u></u>	SMD	P	80	P	OND	P.	448	P	(AND	-	6:0	EXF.	
64	"PILKONIOLDER OFFICE	TVAT		ष्ट्रमा		740	P	AND	r	4116	P	AMD.	P	áll b	Р.	00	BL.	
165	OFFICE	VAT	Z	VIRT		ZHB	F ''::	API 5	T	2015	-	AND	_	Δ10		00	EXE:	
166	DIKTY TORKIDOK	W	"	AHT.		INE.		ŅĘ.	17-5	WA.	EP-1	WIL.	EF-1	АНБ	-		EXT.	
161	TRANSPER KOOP	·· VIRT3	[=	77VE	TRIT	200	EP-1	14.4 <u>C</u>	E-1	MAL	7	1	FF-1	MR.				
W	PATROLOGY LAIS	VRY1	12	COST.	ΙМΤ :		EF-1	-	EP-I	7	DF-1	GND	19.1	GMB				-
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170	PARABITOLOGY LAB	VINY!		OF.	TEAL	AND.	BE:-1	SND	EF-1	re Ki	H-1	DUG.	E7-1	MH	17- 1			
П.	DIFICE	MMYL		COVE	IMT	ظلاك	F. ,	440		6.3		215		SWID	P -	00	1007	
132.	TVESTIBILE. (SOUTH)	[1247]		VIEN		31.76		GJES		GLASA		3.KA		AT]				(10)
173.	CORRIDOR	. įvar.j		VIII.	<u></u>		5.	CVE	F	GHB	P	SLAGA.		AT]	ъ	1.0	4.0	00
114	CORRIDOR:	- [VAT]		ищ				į,	F			[64.6]	P	AT	ъ	80	5.0	
175	DOWNLOOR	[[[7HIL		(ELK)	F			(NX)	P		\Box	AT.	[b]	8'-0'	4'0"	00
176	CORRIDOR	[MAT]		VIII L		[BLK]	P	GNB	P	[PIN]	P			[47]	['b']	8-0	80	00
177	AIRLOCK	VAT		VITTL		GNB	Ρ,	GHB	P	[bux]	r	GNS	P	GHB	7	8'0'		
175	AIRLOCK	[VAT]		VIMIL		[IXK]	P.	GHB	P	GNB	P	GNB	P	GHB	•	8-0	40	00
179	ADMIN. CLERK	[VAT]		NHW.		[MD]		[MD]		GMB	P	GMB	P	[A1]	['B']	4-0	4.0	100
180	ADMIN. CLERK	[VAT]		MILLY	=	MD		GNO	P	GMB	r	[NO]		[AT]	Ba	4,-0,	9'-0"	100
181	ADMIN. CLERK	M		VIMI.		GHB	P	GHIS	P	GMB	P	[MD]	\geq	ĺΑT,	['6']	4-0	4-0	00
182	ADMIN. CLERK	[VA1]		VMV.		GHB	P	[MD]		GMD	P	GNB	P	[AT]				100
183	VENDING ALCOVE	[VAT]		MM/L] G₩B	Р	GNB	r			GMD	P	[AT]	['6']	4.0	1-0	100
184	VESTIBULE (NORTH)	[VAT]	حسا	AL.	-	GLAS:		GLYSS		GL VE				[AT]	['B']	4-0	10	

<u>LEGEND</u>

BLK. CONCRETE BLOCK
CT. CERAMIC TILE
EP-1 EXPOXY PAINT, TYPE-1
EP-2 EXPOXY PAINT, TYPE-2
EXP. EXPOSED SURPACE
GL-BLK. GLAZED MASONRY BLOCK
GMB. GYPSUM WALL BOARD
INT. INTEGRAL
P PAINTED SURFACE
WD WATER RESISTANT-GYPSUM WALL BOARD
[] EXISTING SURFACE
WR-GND WATER RESISTANT-GYPSUM WALL BOARD
[] EXISTING SURFACE
WO PINISH OR N/A
VAT VINYL ABSTON TILE.

QI QUARRY TILE

 $\alpha_{\rm T}$ QUARRY THE

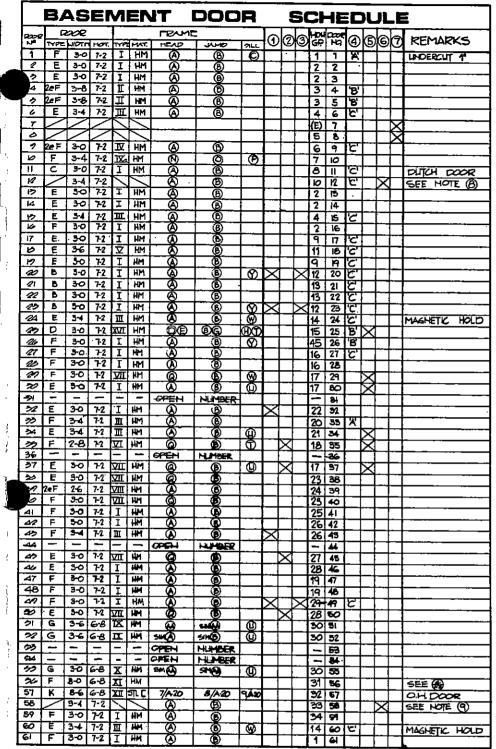
MOTES:

- 1 SCRUB AND WAX EXISTING VAT FLOORS.
- ② PATCH FLOOR TILES TO MATCH EXISTING AROUND MEM PARTITIONS.
- (3) CLOSE UP OPEMING (5) IN CONCRETE BLOCK WALL WITH MASONRY TO MATCH EXISTING.
- 4 CLEAN AND VACUUM CARPETING.
- B PATCH CERAMIC FLOOR TILES AND BASE TO MATCH EXISTING AROUND NEW PARTITIONS. PATCH TO MATCH CERAMIC TILE ON MORTH WALL ROOM 135, SEE ELEV.
- @ PATCH BLOCK WALL SURFACES WITH CEMENT GROUT AND STRIKE SMOOTH WHERE DAMAGED WHEN ABUTTING WALLS HAVE BEEN REMOVED.

LEGEND (ONT)

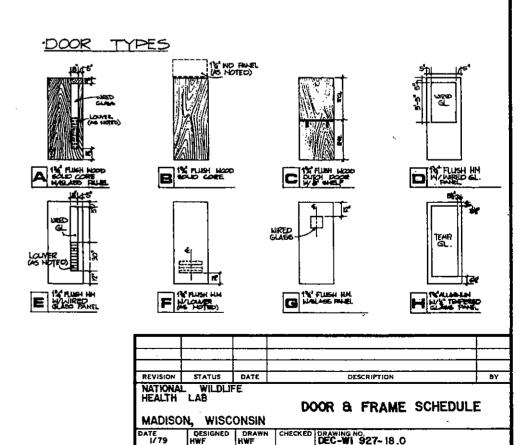
ACCUSTIC THE (TITE A!, B, OX C!)
THE A!: C'XC!
THE B: I'X!
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REVISION	STATUS	DATE		DI	ESCRIPTION		BY	
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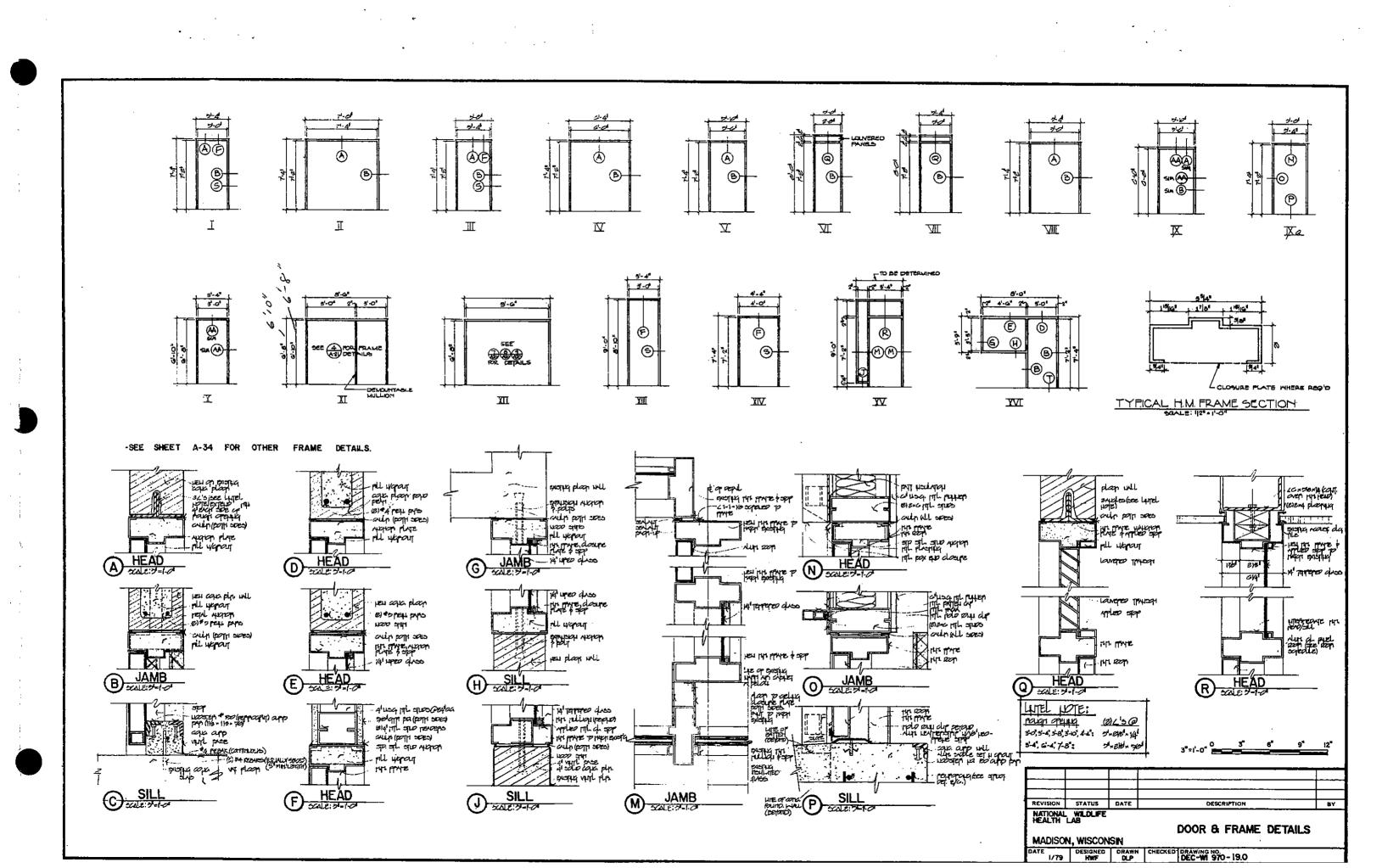
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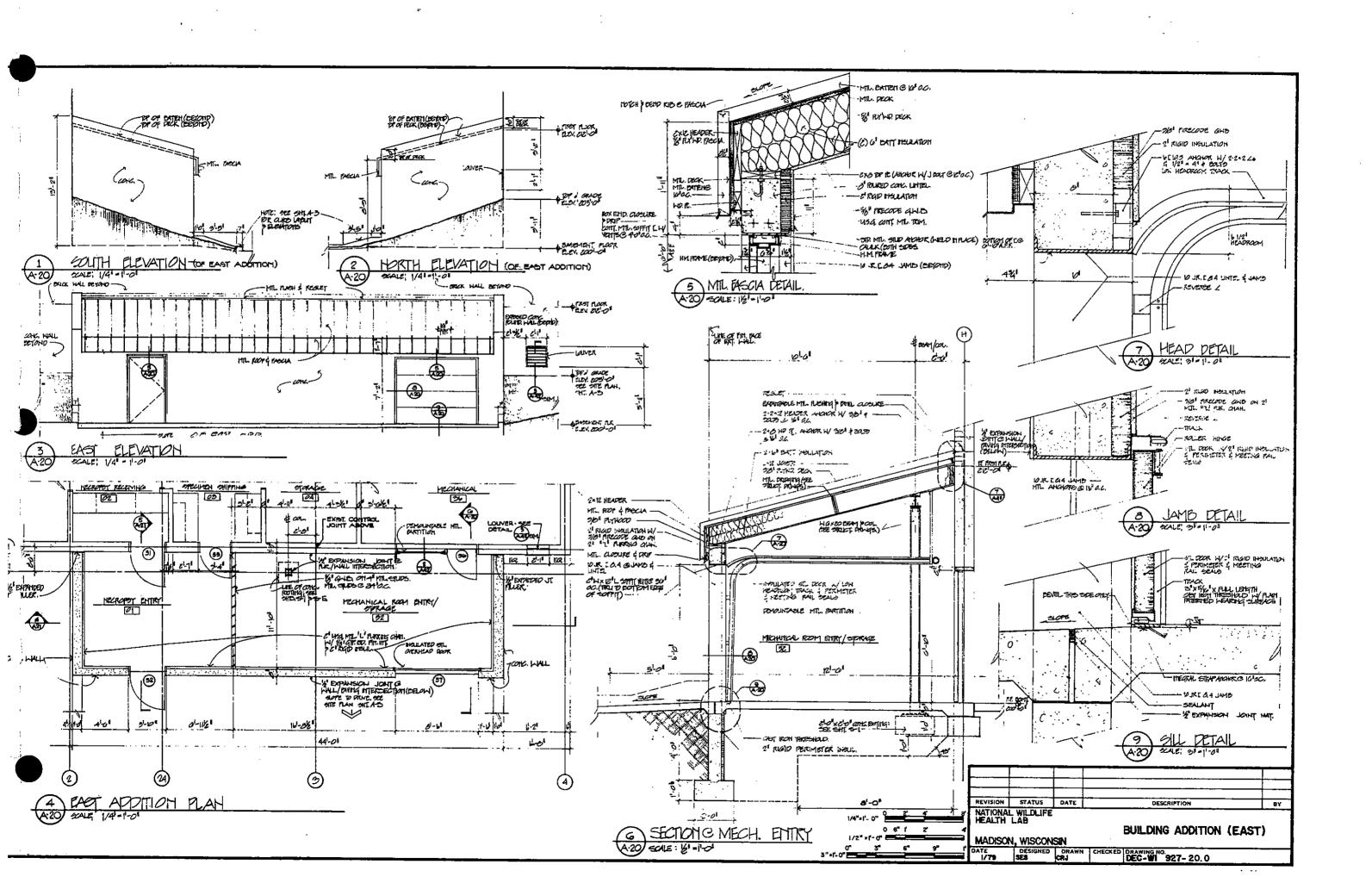
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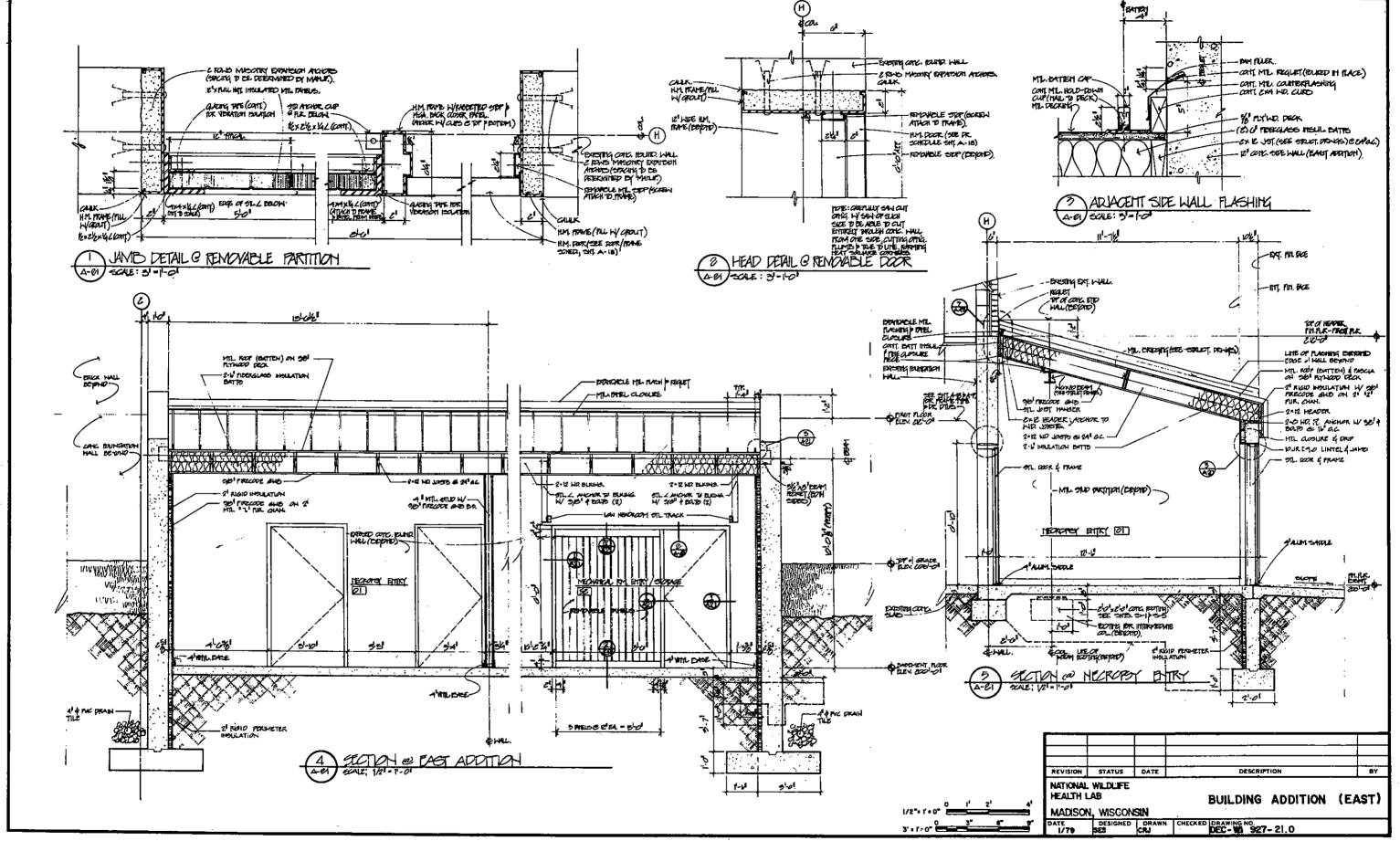


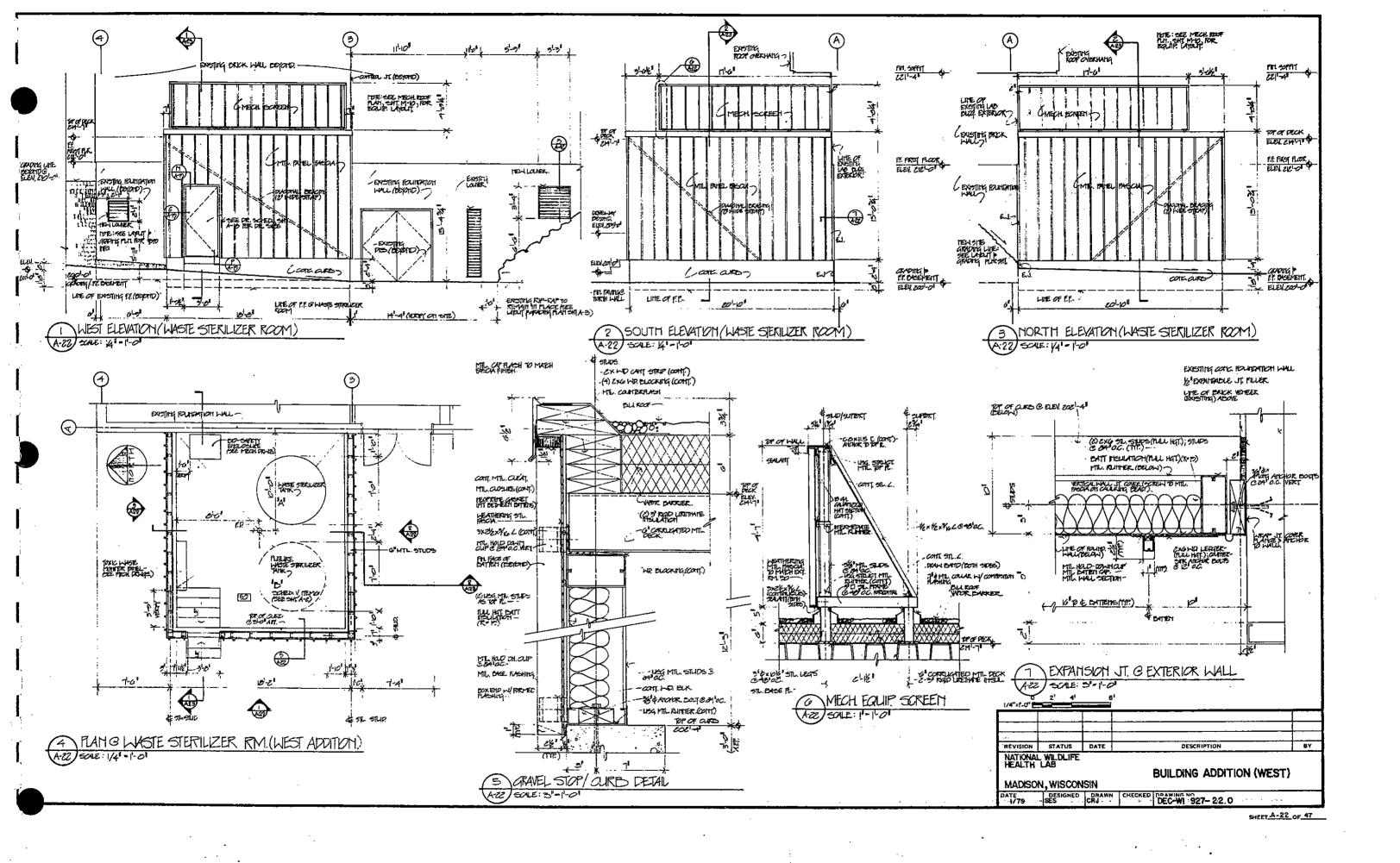
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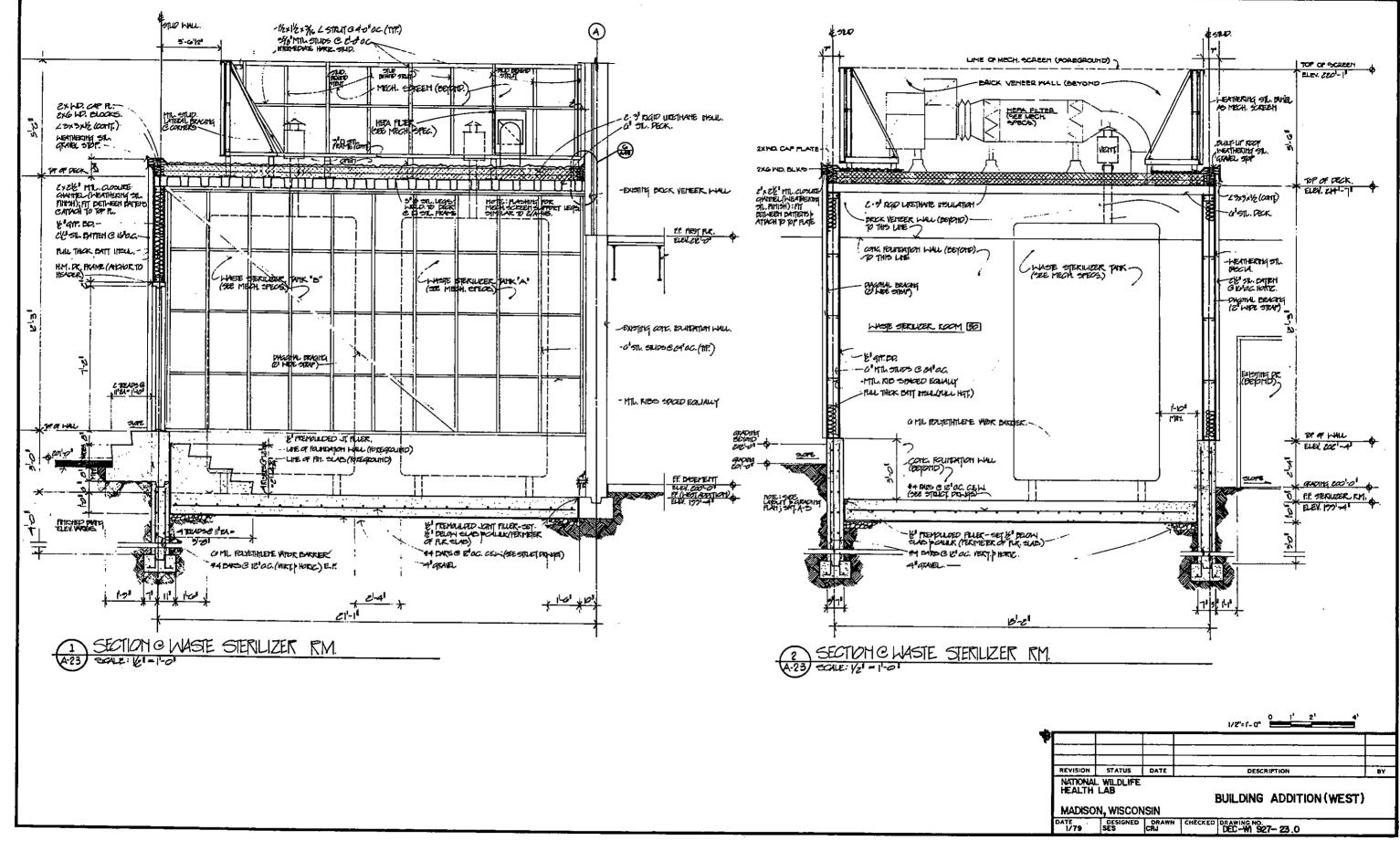
- 1 LOLMERED PANEL 24050.N FRE AREA.
- (?) LOUVERED TRANSOM PANEL. SEE FRAME TYPE YE, YE
- 3 LOLVERED PAHEL W/FLASIBLE LINK.
- @ LABELED DOOR ASSEMBLY, A B a C LABEL.
- (5) STAINLESS STEEL DOOR AND FRAME.
- © RELOCATED DOOR AND FRAME (AND SIDELIGHT AS NECESSARY). SEE DEMOLITION PLAN, SHT A-4.
- TO EXISTING DOOR AND FRAME TO REMAIN.
- (E) EXISTING HARDWARE TO REMAIN.
- ® RELOCATED DOOR AND FRAME FROM MECH RM, BETWEEN COLS E & F, ARJACENT TO STAIRWELL.
- 9 RELOCATED DOOR AND FRAME FROM BASEMENT STARWELL.
- (E) EXISTING HARDWARE TO BE RELIGIO.
- (L) EXISTING LOUYER TO REMAIN,



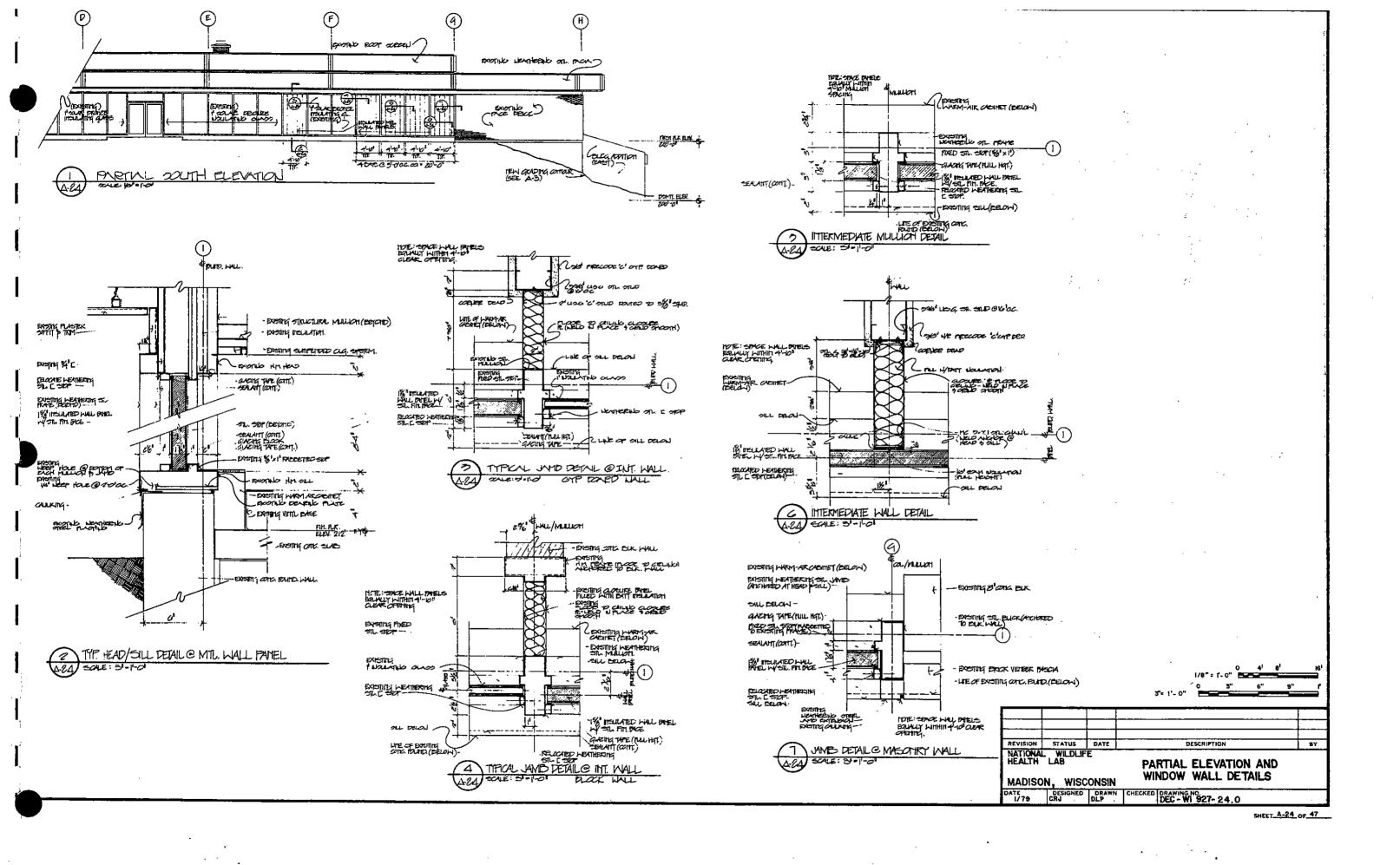


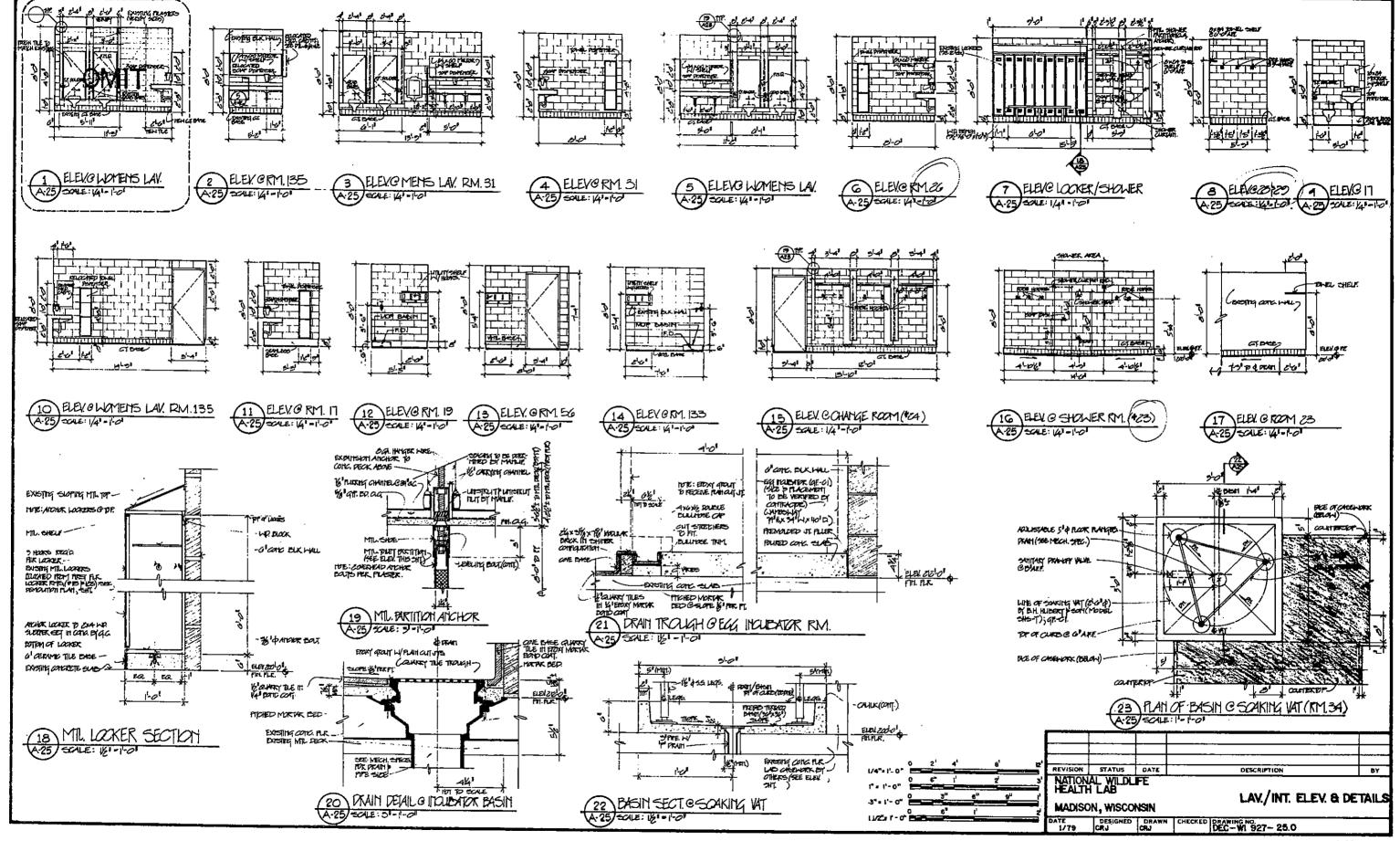




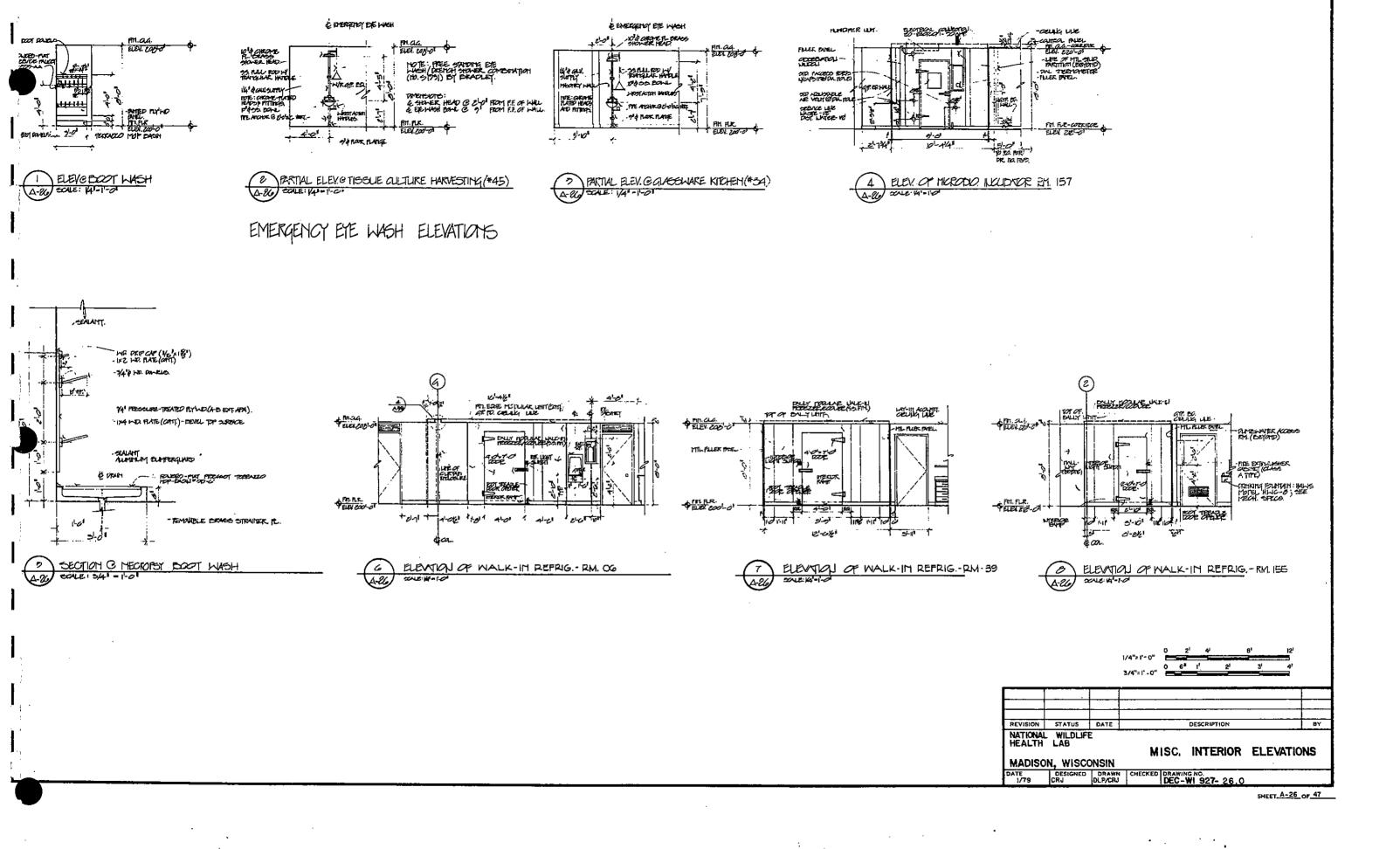


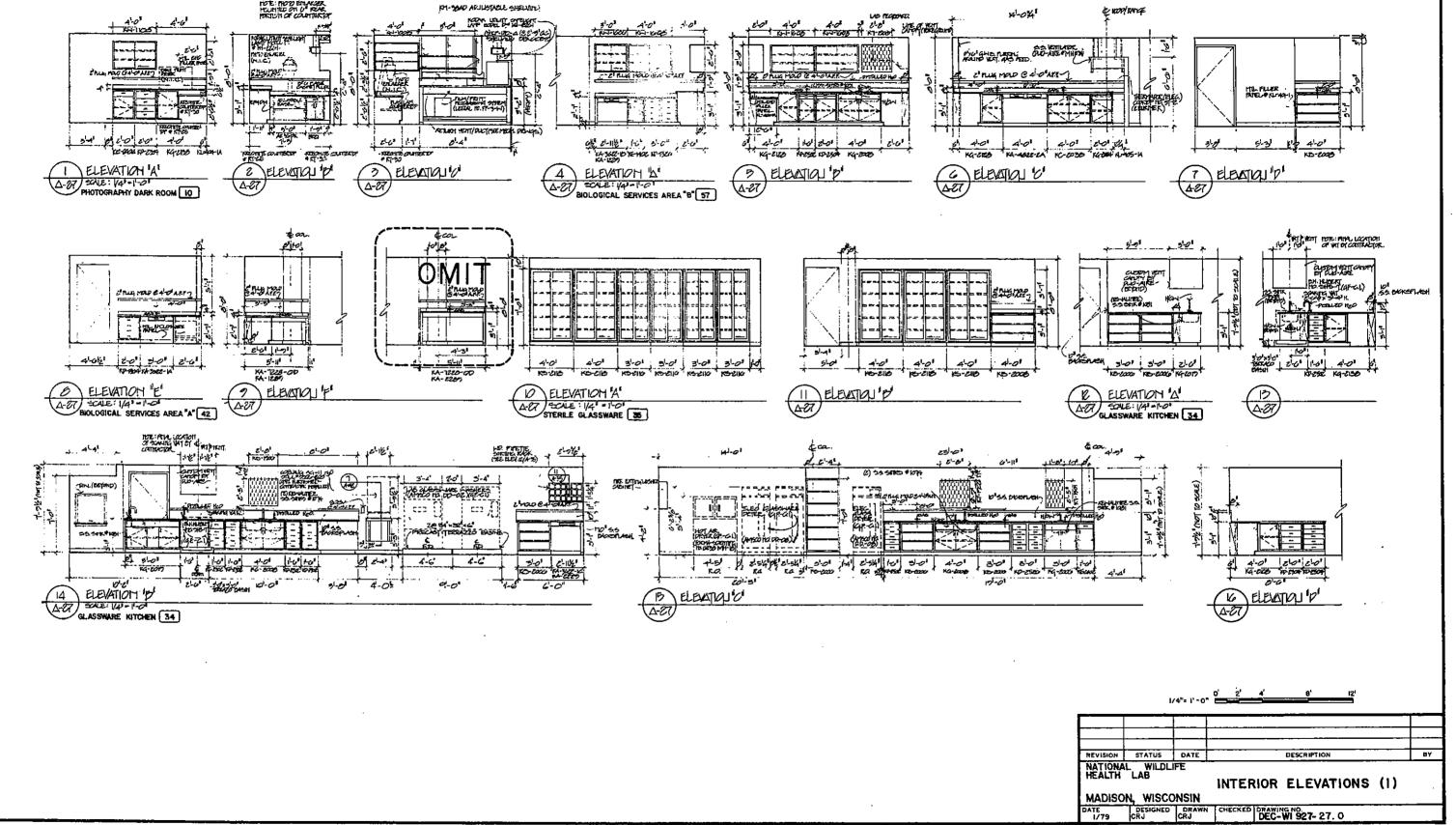
SHEET A-23 OF

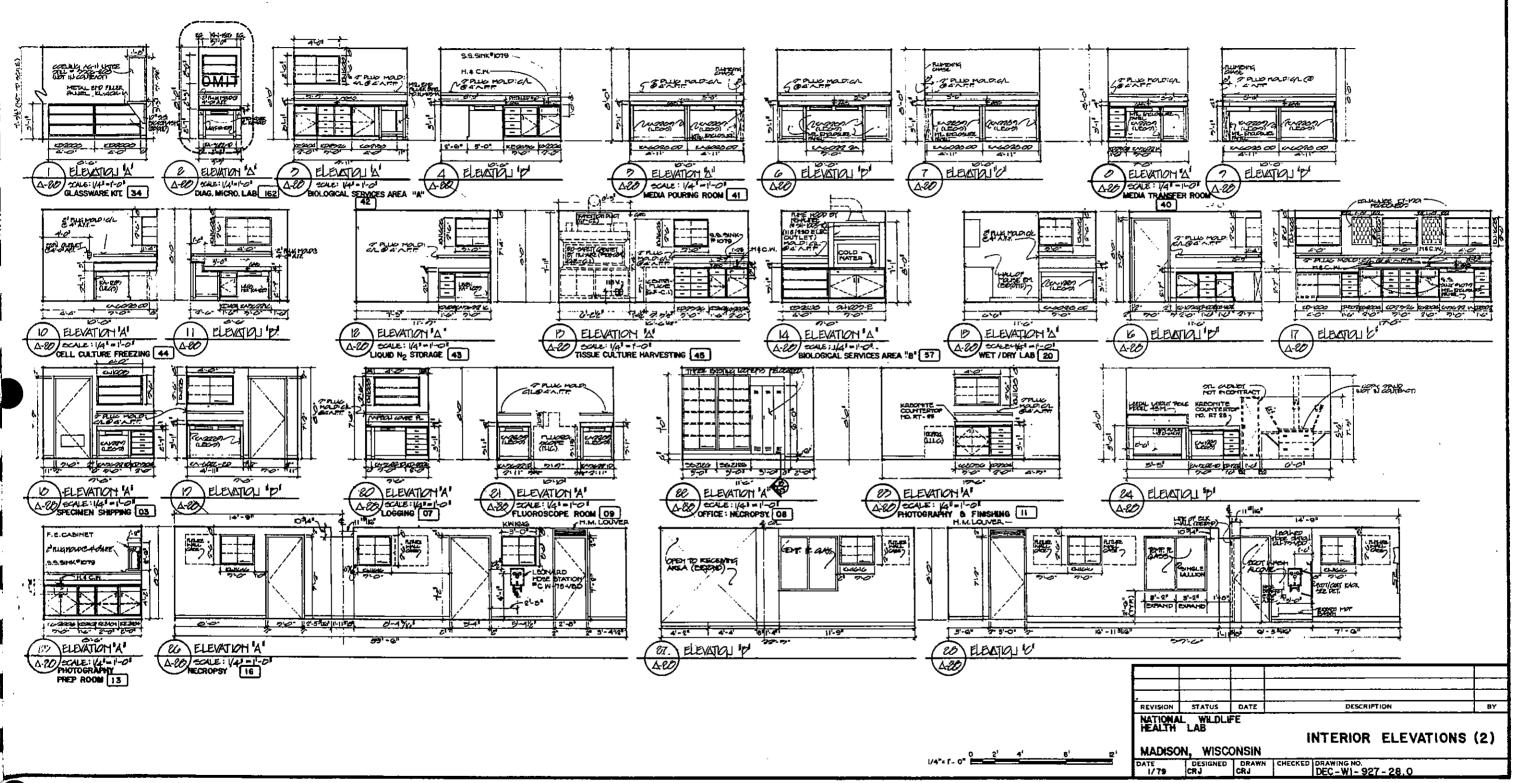


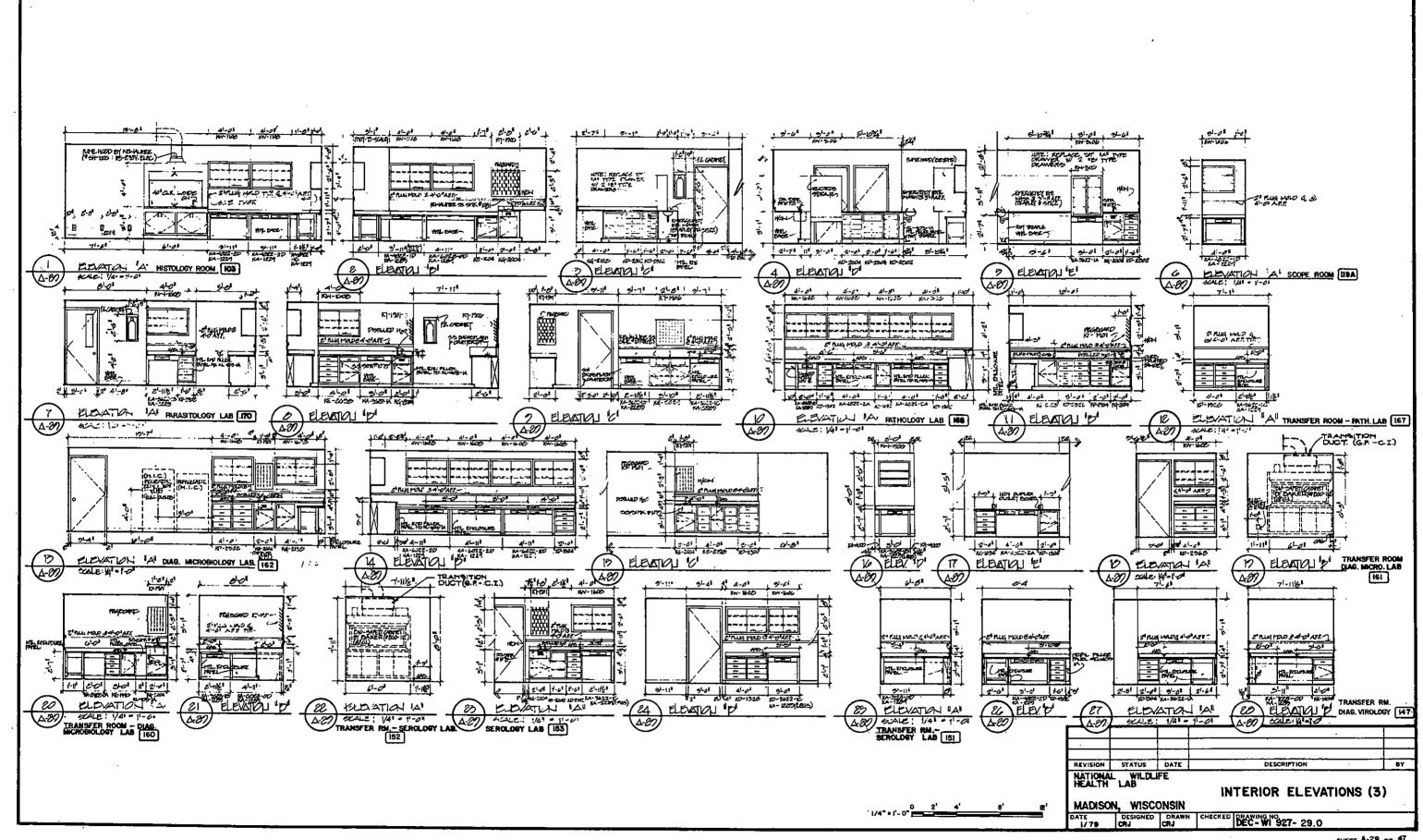


SHEET A-25 OF 47

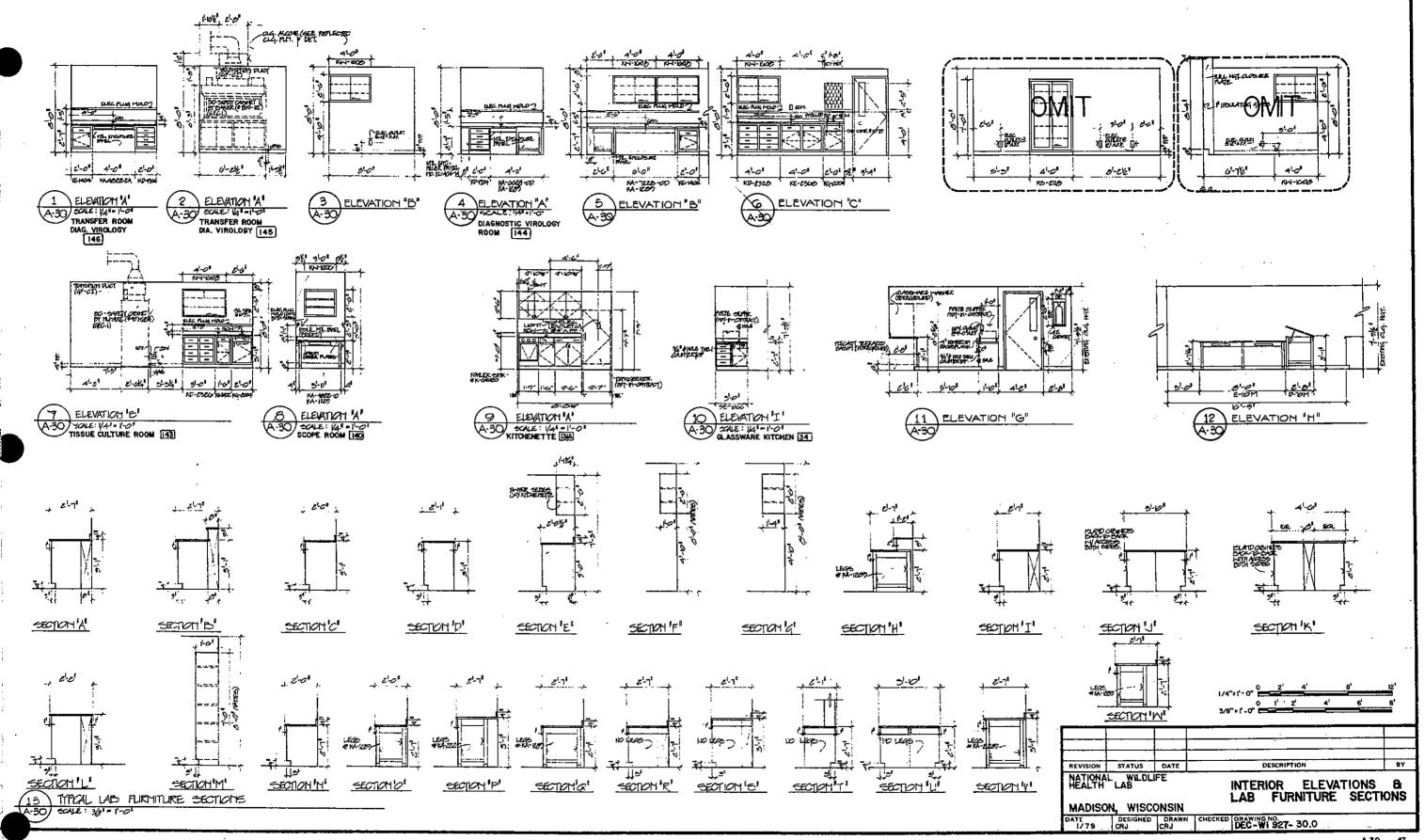








SHEET A-29 OF 47



SHEET A-30 OF 47

LAB FURNITURE SCHEDULE

	ON			FIN	SHE	S					BASE	ACCESSORY	RI	EMARKS
NO.	ELEV	MANUE CODE	SHT	COUNTE MAT'L.	RTOP	CABINE MAT'L.		OVERHE MAT'L.	AD CASE COLOR	OTHER			TYP SECT	
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ש	^	KD- 2504 KD- 2504 KG- 2135 KM-1100	l li	PLAST LAM PLAST LAM PLAST LAM	WHITE	MTL.	20/44 20/44				SEAMLESS SEAMLESS SEAMLESS		6	KABONITE COUNTERTOP(*RT-25 KABONITE COUNTERTOP(*RT-25 MTL. END FILLER PANEL
	0 0		4-9	KAS LUM. NASI LUM.	MHITE	ilagium Ragium Ilagium	GRET	MTL	20		SEAMLESS SEAMLESS SEAMLESS SEAMLESS		I	KREONITE COUNTERTOP (*RT-3 ENLARGES EASEL-KREONITE COUNTERTOP (*RT-30) BASE CABINET FILLER
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י פו	٨	10-200 10-200	1	PLASTLAN PLASTLAN PLASTLAN PLASTLAN	WHITE WHITE DACK	HE HE	8744 8744 2744			220F	SEANLESS SEANLESS	SS SINK (OTS (KEWALINES) MINUSTACTION HANDLES	00z V	wat would acc
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	н	E-16M	4			Mr.	22/4	r		STARKES			_	120000 MOLE (POLICIES &

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REVISION STATUS DATE DESCRIPTION BY

NATIONAL WILDLIFE
HEALTH LAB

LAB FURNITURE SCHEDULE (1)

MADISON, WISCONSIN

DATE
1/79 DESIGNED DRAWN CHECKED DRAWING NO.
DEC.-WI 927- 31.0

LAB FURNITURE SCHEDULE

RC	ON	Л		FINISHE	S				!	BASE	ACCESSORY	RE	EMARKS
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		10-2110	ı	•	Į.					VINYL (BLACK)		м	
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i		KO-8116		-	}	:	i i	:		MINYL (BLACK)		n	
į		KD-0116	ft	<u> </u>		:				MINTLEBLACK)		M	
1		ko-618	i H	i.			}			MINYL BLACK)		М	
	b	10-2110	<u>^</u>	:					MD- 20/47	VINYLOLACY)		м	
	1	10-01C		<u> </u>	1	:	1		HL. 20,417	MMYL (BLACK)		М	
		KD-6110	•		1			:		(myl@lack)		۲	
		x0-2000	4	manerall a rock	m.	20		!		MINYLEGLACK)		٨	
о	^	10-2000	1	KONECOUL SLACK	HT∟	20/20				VINYL (BLACK)		٨	
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i	_	W-22001260)	:		M(L.	20	[_		v	
	.	KN-6000-00		CONFECULTI CLACK	HIL	. 00	Į			_	aro	v	
:		KN-22009(LEGO)		:	ML	20				-	-	v	
41	٨	KA-6085-00	N-10	en er al ance	MIL	20		:		_	640	v	· -
	.	(A-0200 (LEGO)		:	MTL	20	1		i	_		V	
		14-6020-00	4	CONTROL CLACK	ML	20	l			_		V	
!		KA-12259 (LEGS)	•	1	MTL.	20		:	į			~	1
	P	KA-60022-0A	:	romeran alack	Mil	2000	[[<u> </u>	-	CHAMILACIONER PHA	9	
	6	KA-6000-00		penterall awar	Mil	20	•		!	l —		V	
		KN-2007(1500)			HTTL.	20	!	:				V	
		KN-6020 00 KN-8209(1669)		KONBOOK OLACK	Mil	10	•	-]			~	
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ле i	_	KE-2404	1	KEMEKKUL OLAZK	Min	: : 2060				Virmi tavas			
		10-2726		COMBONIAL COLOR	Mil.	2249				אואיו שניים	GAO.	 	1
į		16-020		KARONI DIXX	HTL.	2040	ł		ĺ	milianas		X	<u> </u>
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į	D	KA-3622-1A	A-B	CONTECNI CLACK	Mic.	20 49						8	
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	סו	KD-19224		MARCON DIVER		2000			1	MANY COLACE	ł	I	1
		KN-7622-1	,	ranco aux	ML	2740		:		- and	GOME ALLOS LEE AVI	₽ P	1
	Ε.	KN-7020-CO	1	KATEBU ANCK	MTL.	æ	1	:		_	aro	0	-
		KA-1209 (LEUS)	,	. !	1112.	20				-	-	a	<u>-</u> -
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		94-1000-P	,		' '	Ì		:	THE BOO	VITTL (BLACK)		-	APP ALANESTS ENO LITE
- !	н	KN-26-10	n	KOPPONI CIACK	HIL.	20/40		:		_		0	
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		KJ.K225	1	:	1	1	MIL.	20	1	-		0	
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	16.200	A-2	ia recali	DAZ	HTL.	20/40		ļ		NIMURACK	9.5 SINK FONKENWINEE) 69.5.		
:	1	. 4			,	,	MIL	10		[9.5.5NK DOKEWAINEE) \$3.5. SINK DTS(KENAUNEE) WITH DISTILLED WATER	0	•
:	KW-1600	,					Mile	10		i	· ·	6	
:	K1-1226						1115		VEXACTORS			_	1 19-21705 5-280050
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FOR TYPICAL LAB PURNITURE SECTIONS

REVISION STATUS DATE DESCRIPTION BY

NATIONAL WILDLIFE
HEALTH LAB

LAB FURNITURE SCHEDULE (2)

MADISON, WISCONSIN

DATE DESIGNED DRAWN CHECKED DRAWING NO.
1/79 CRJ CRJ CHECKED DRAWN DEC.-WI 927-32.0

LAB FURNITURE SCHEDULE

RC	ON	<u>/</u>		FINI	SHE	<u>s</u>					BASE	ACCESSORY	RI	EMARKS
NO.	ELEV.	MANUF. CODE	SHT	COUNTI MAT'L.		CABINE MAT'L.		OVERHE MAT'L		OTHER			TYP SECT	
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40	^	KA-4022-10 KA-1220(LEGS) KU-120C		CC4BCC1LI	axx	MIL. ML.	20/22 20	MTL.	æ			KA-GOODHIL OVER PLATE	00	MLAE) MLAE) MLAE)
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;		10- <i>0000</i> 10-0000 U-7U82-U U-8007U00)	1 1	KOMPION KOMPION KOMPION	lack	MTL.	20/22 20/22 20/22				SEAMLESS SEAMLESS 		^ ^ P P	
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NO.	ELEV	MANUE CODE	SHT	T COUNTERTOP				OVERHEAD CASE		OTHER		İ	175.		
				MAT'L.		MAT'L	COLOR	MAT'L.	COLOR				ı	1	
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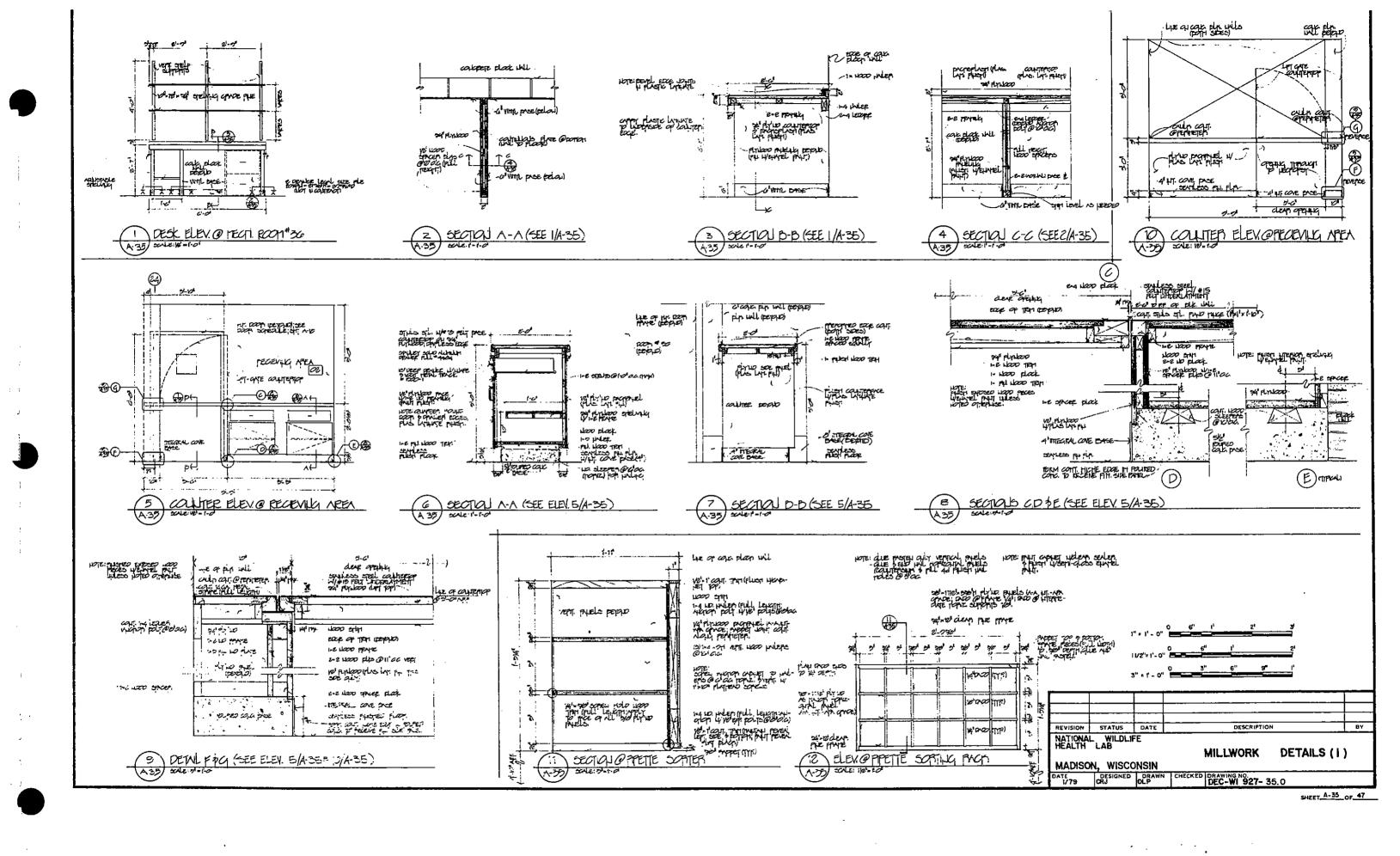


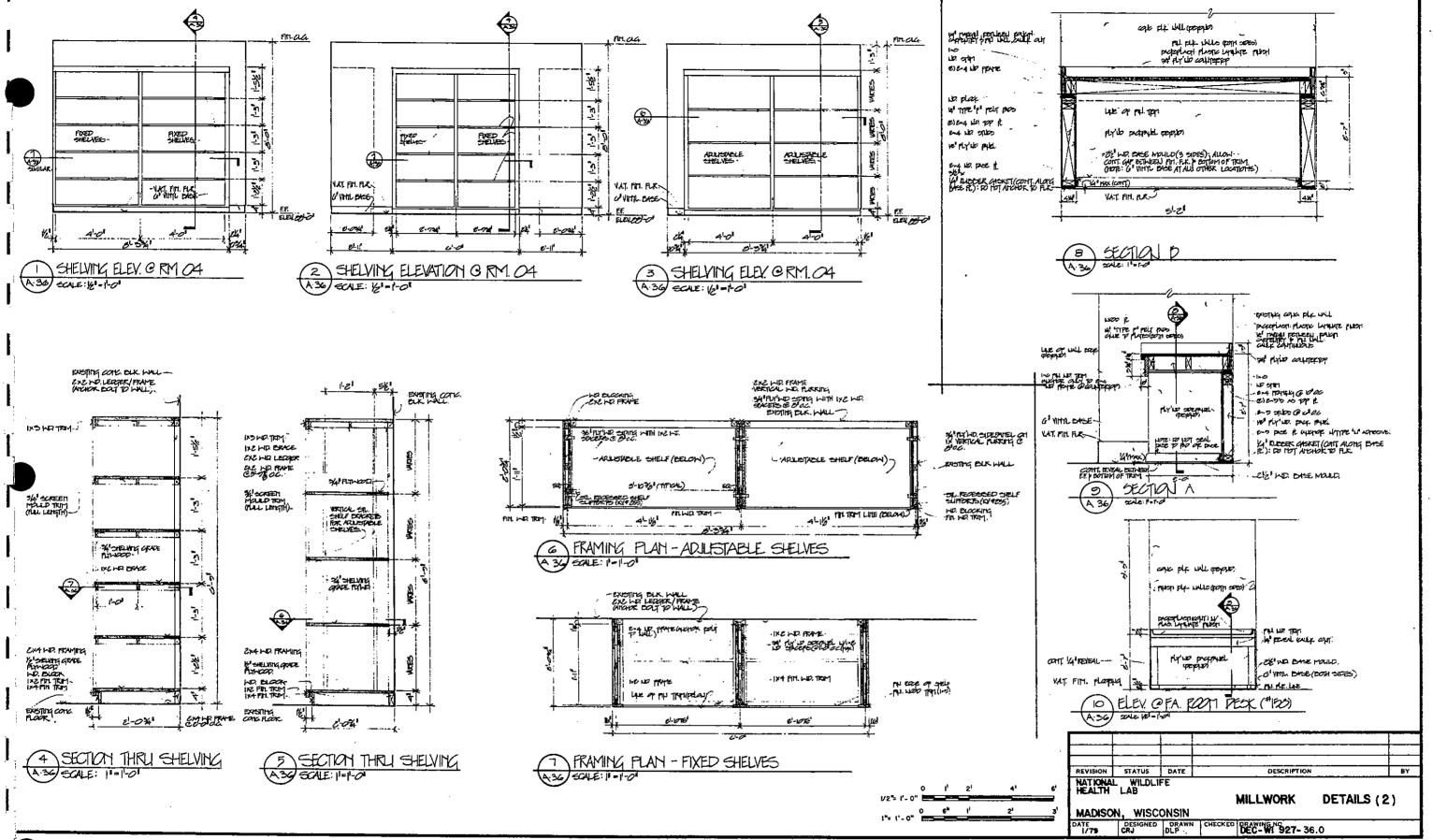
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REVISION	STATUS	DATE		DESCRIPTION		BY
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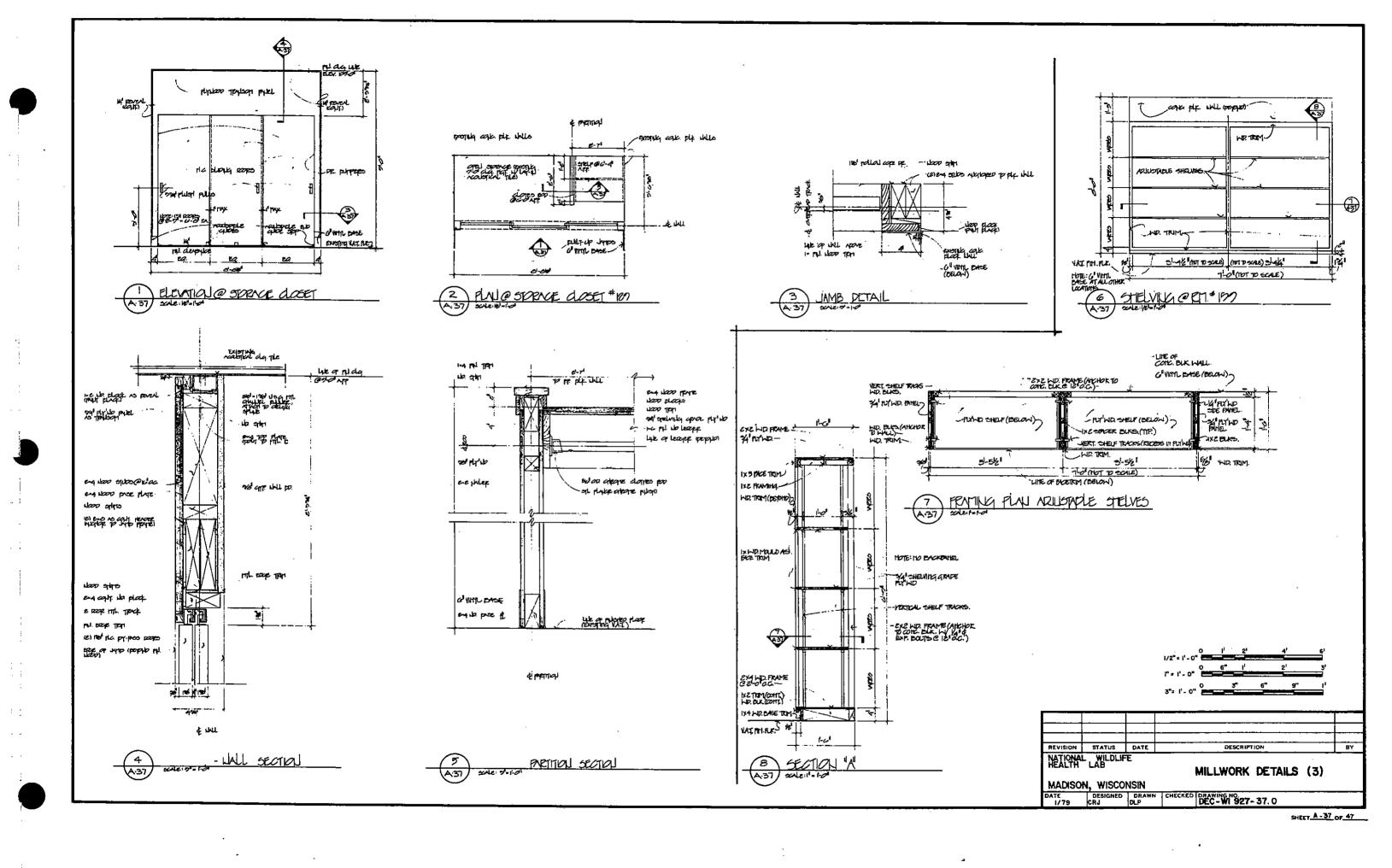
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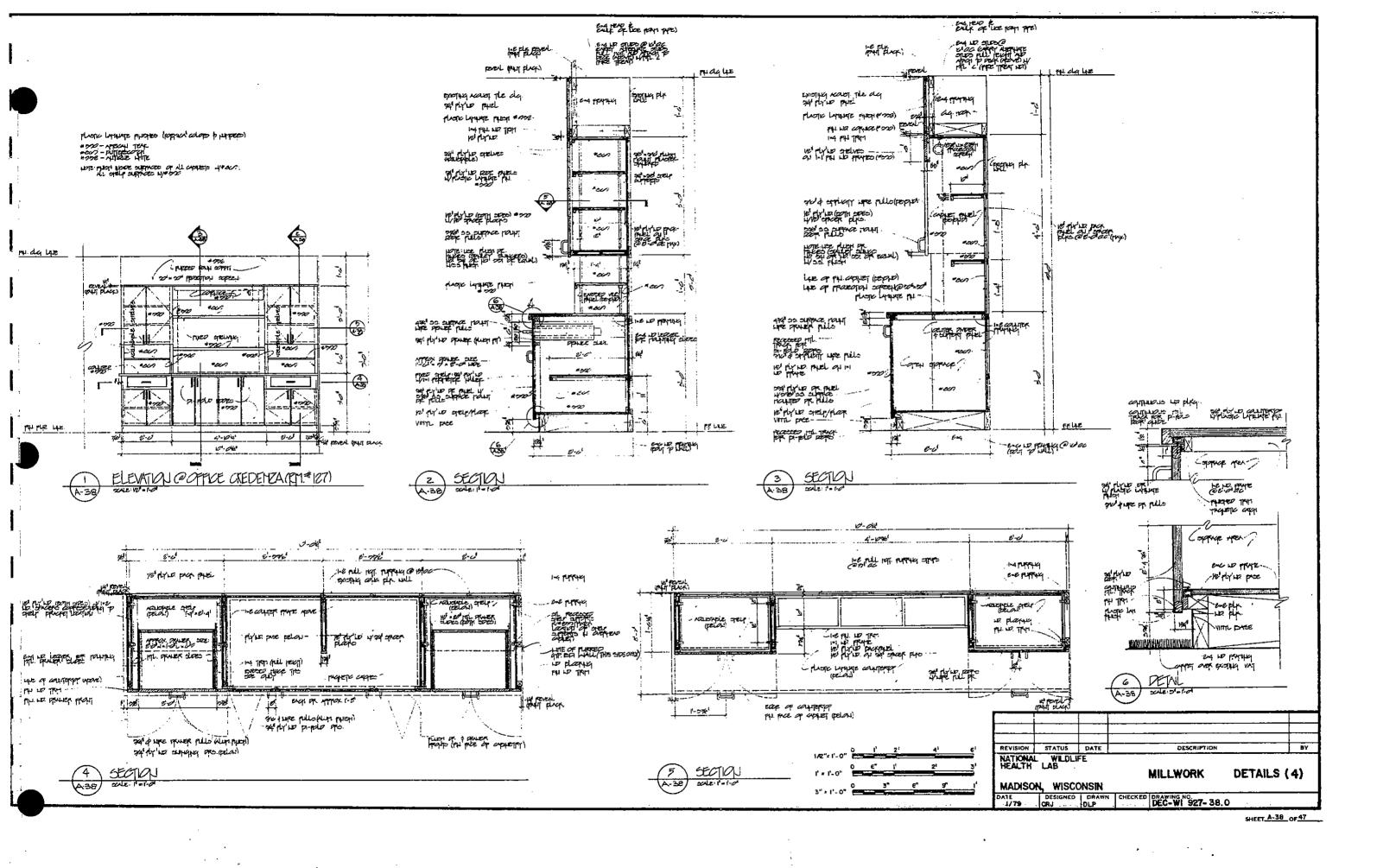
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			- 4									FRAME DETAILS
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 			<u> </u>						···········	1		MADISON, WISCONSIN and FRAME DETAILS DATE DESIGNED DRAWING NO. 1/79 CRJ/ DLP CHECKED DRAWING NO. DECWI 927 - 34.0

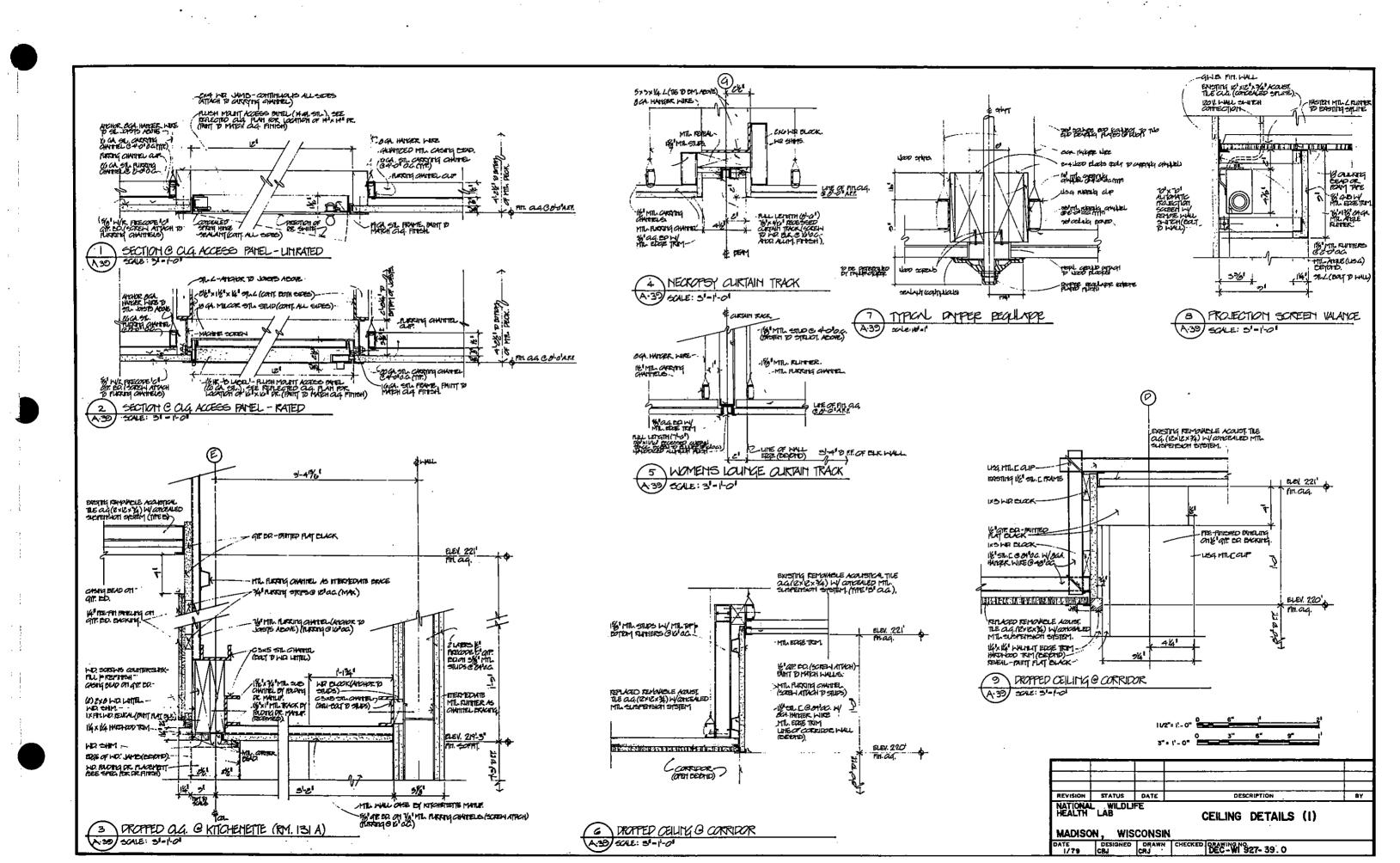


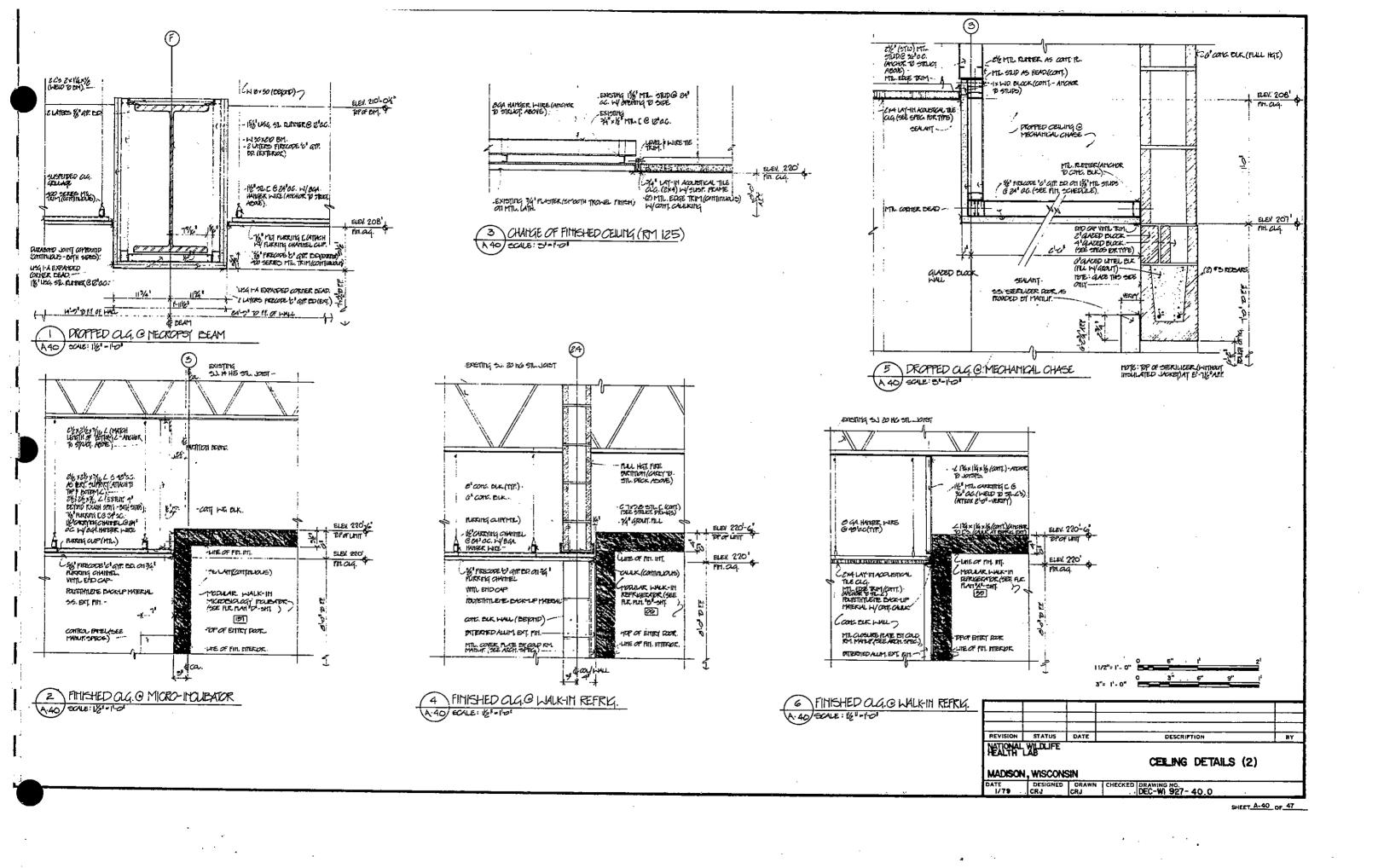


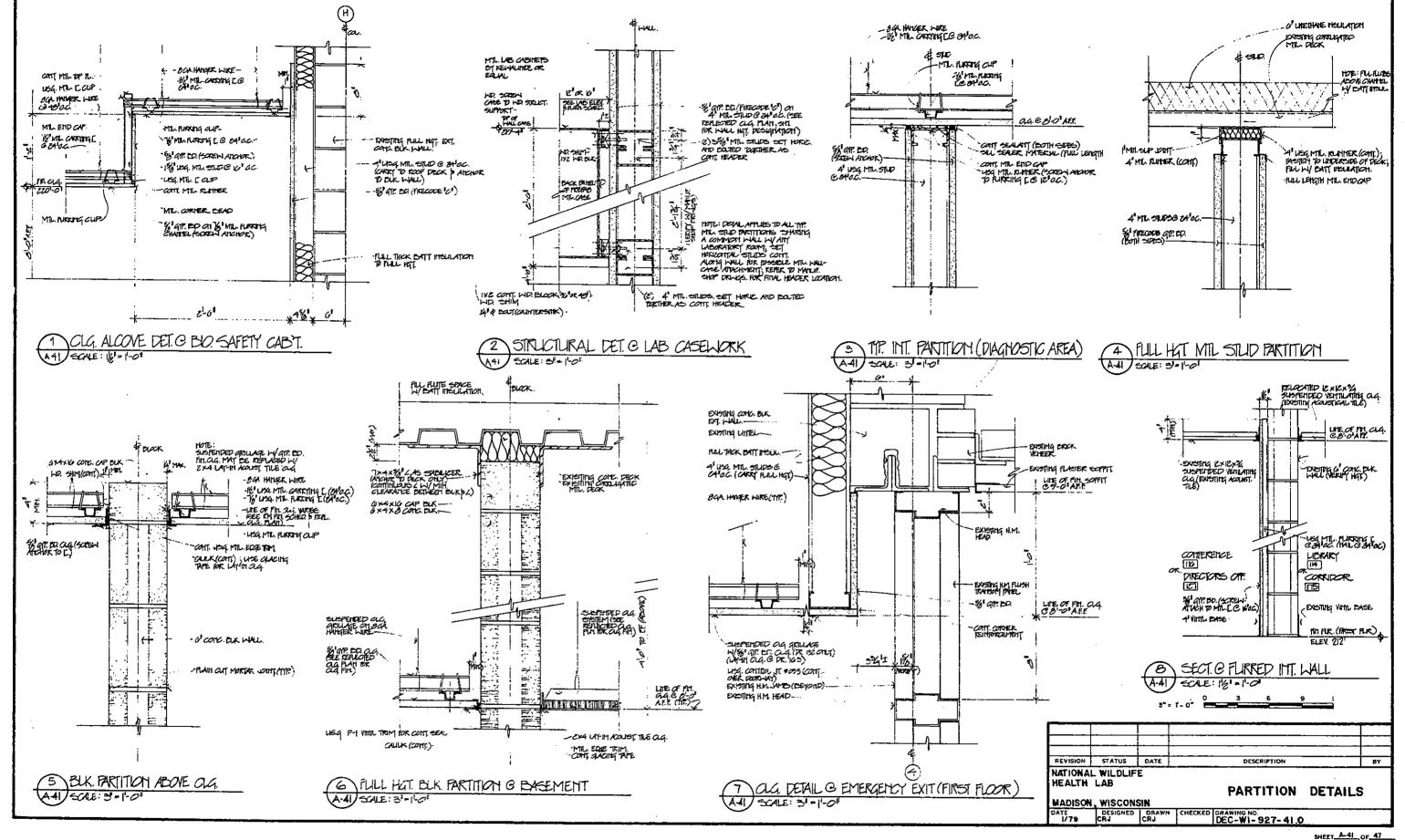
SHEET A-36 OF 47

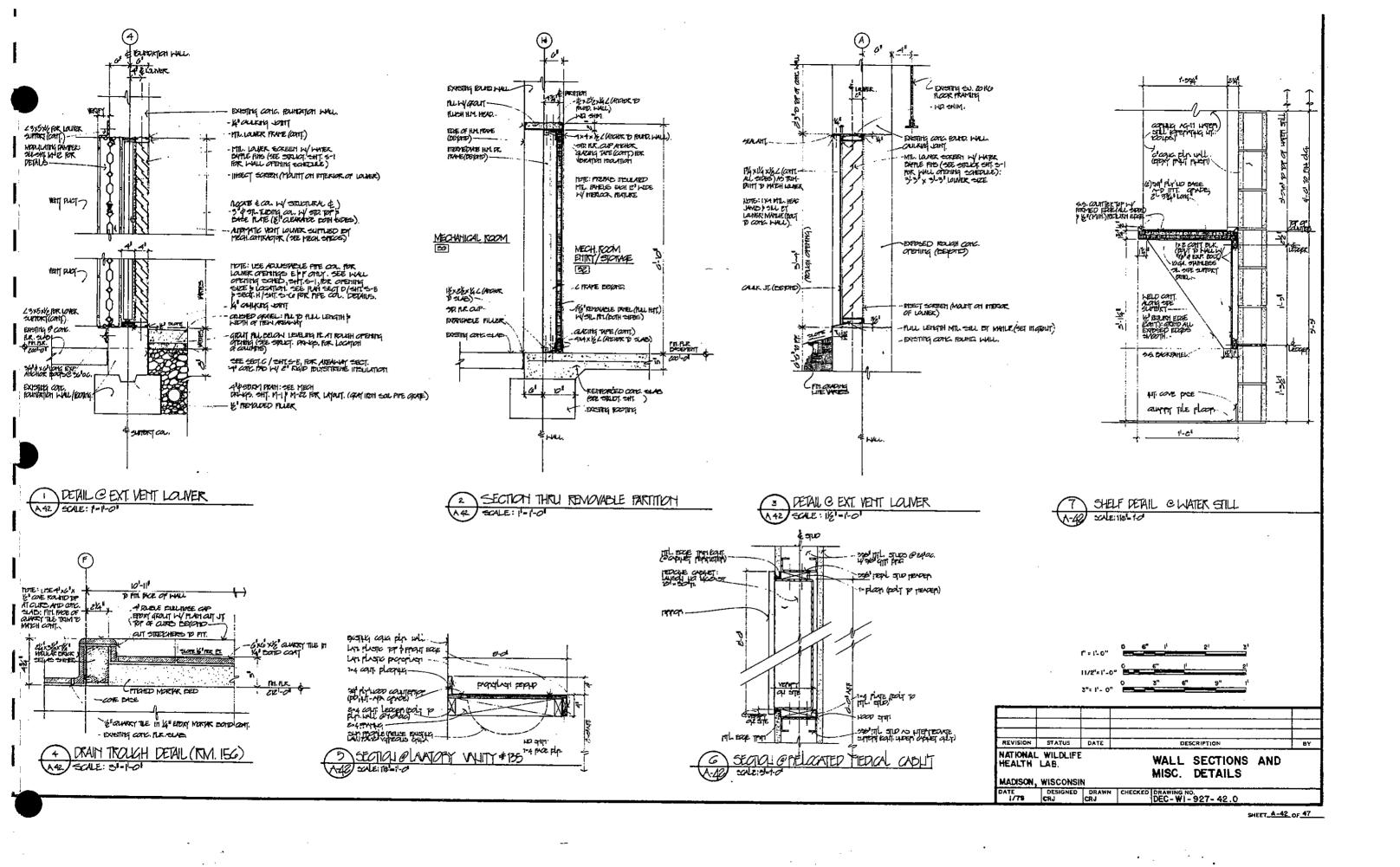


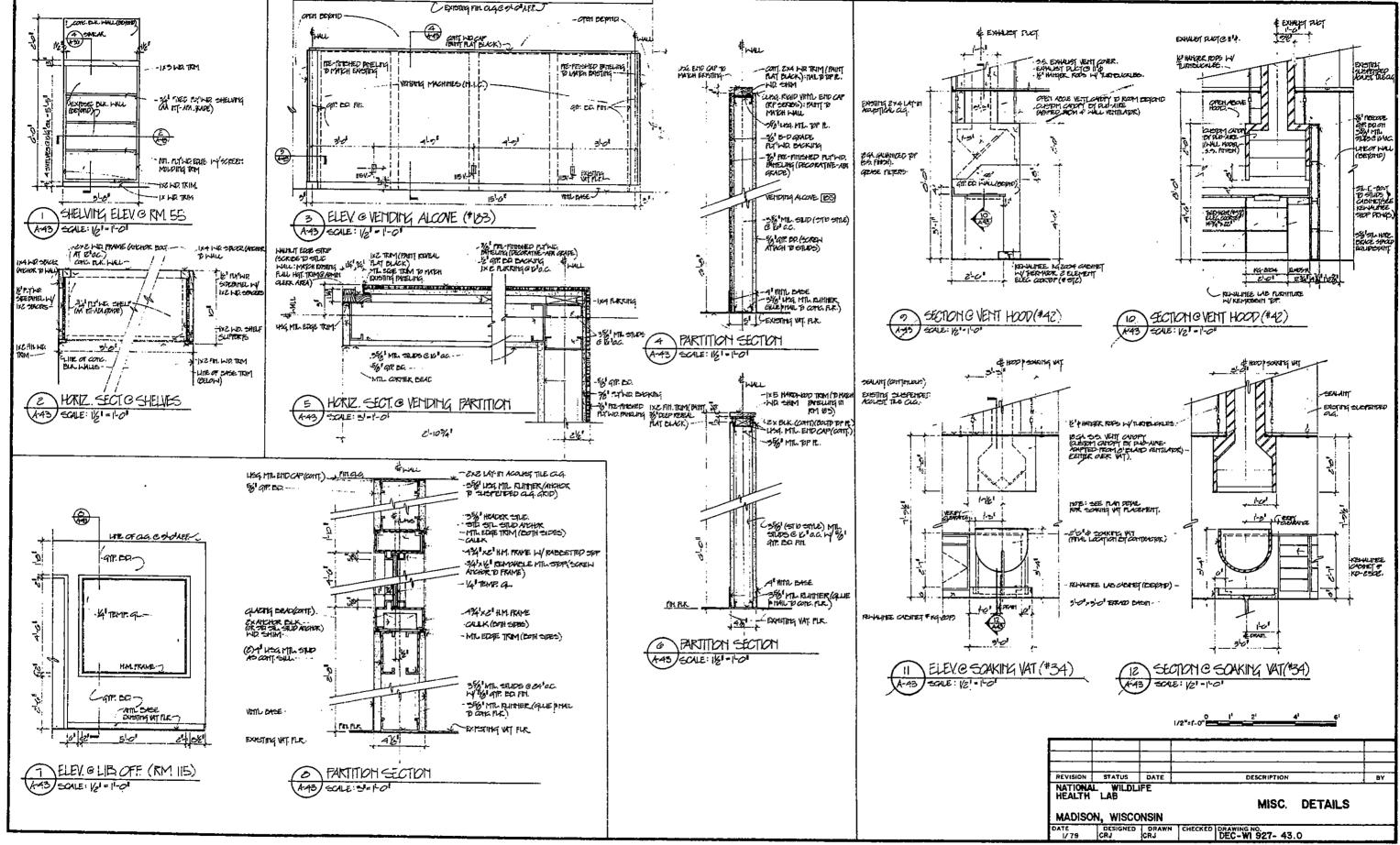


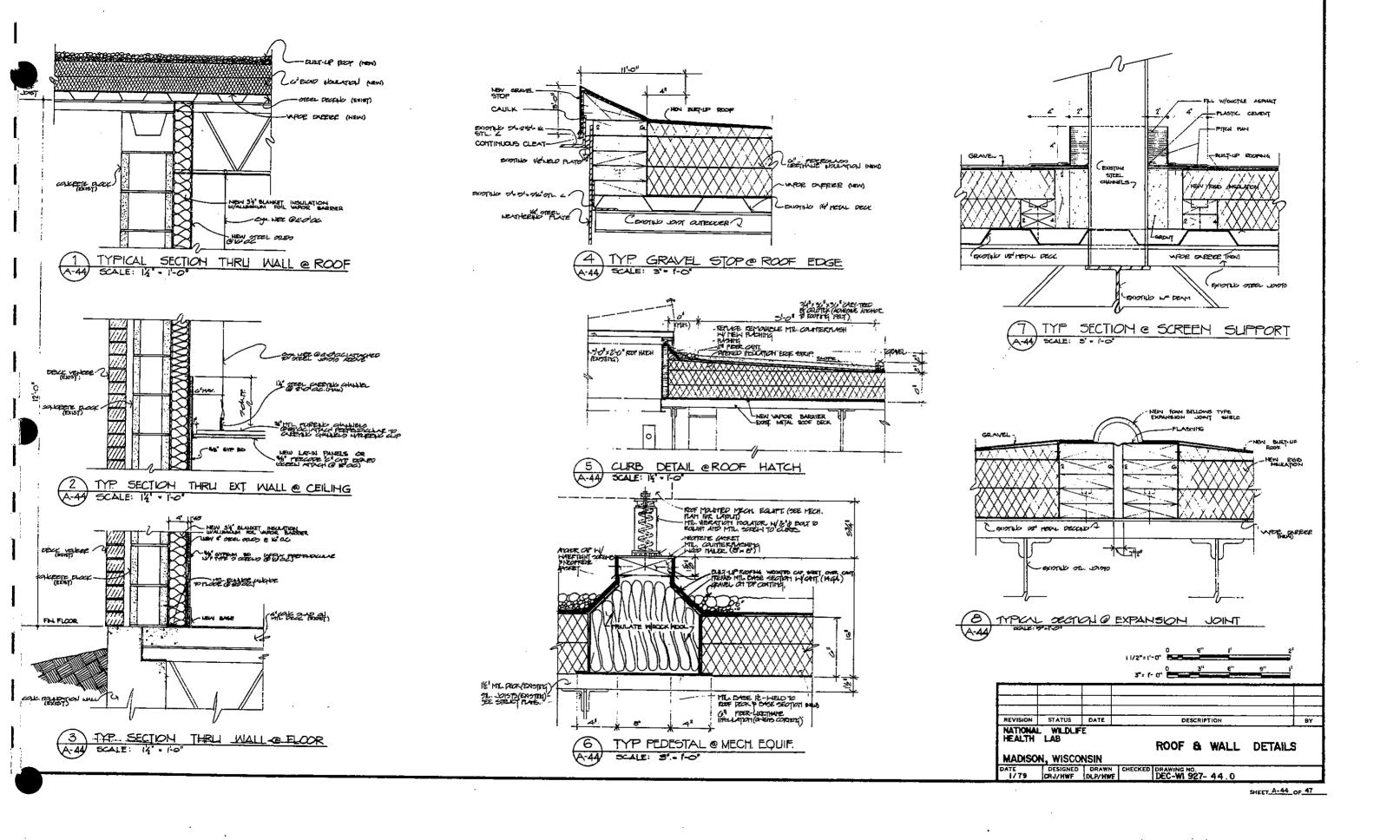


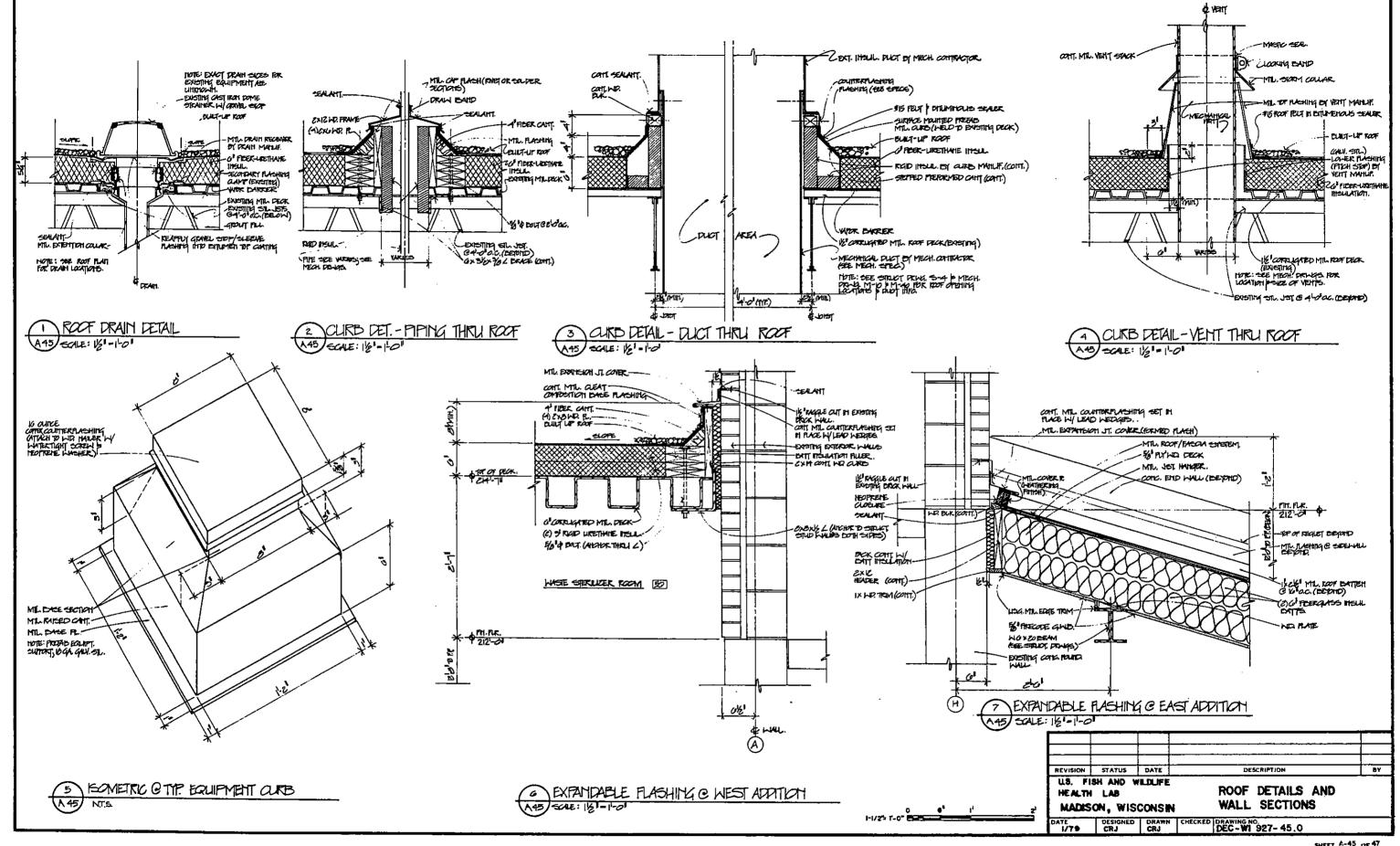




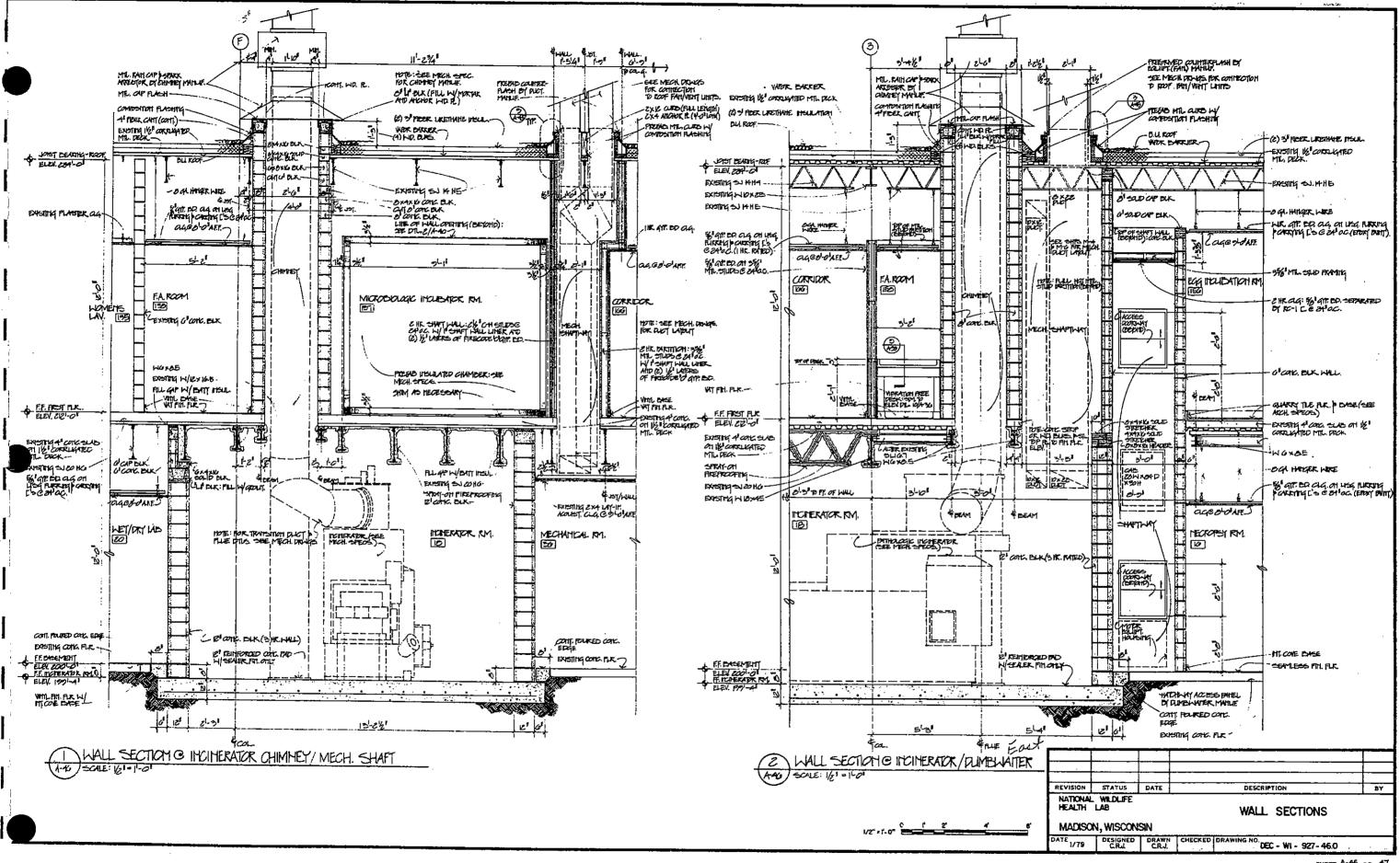


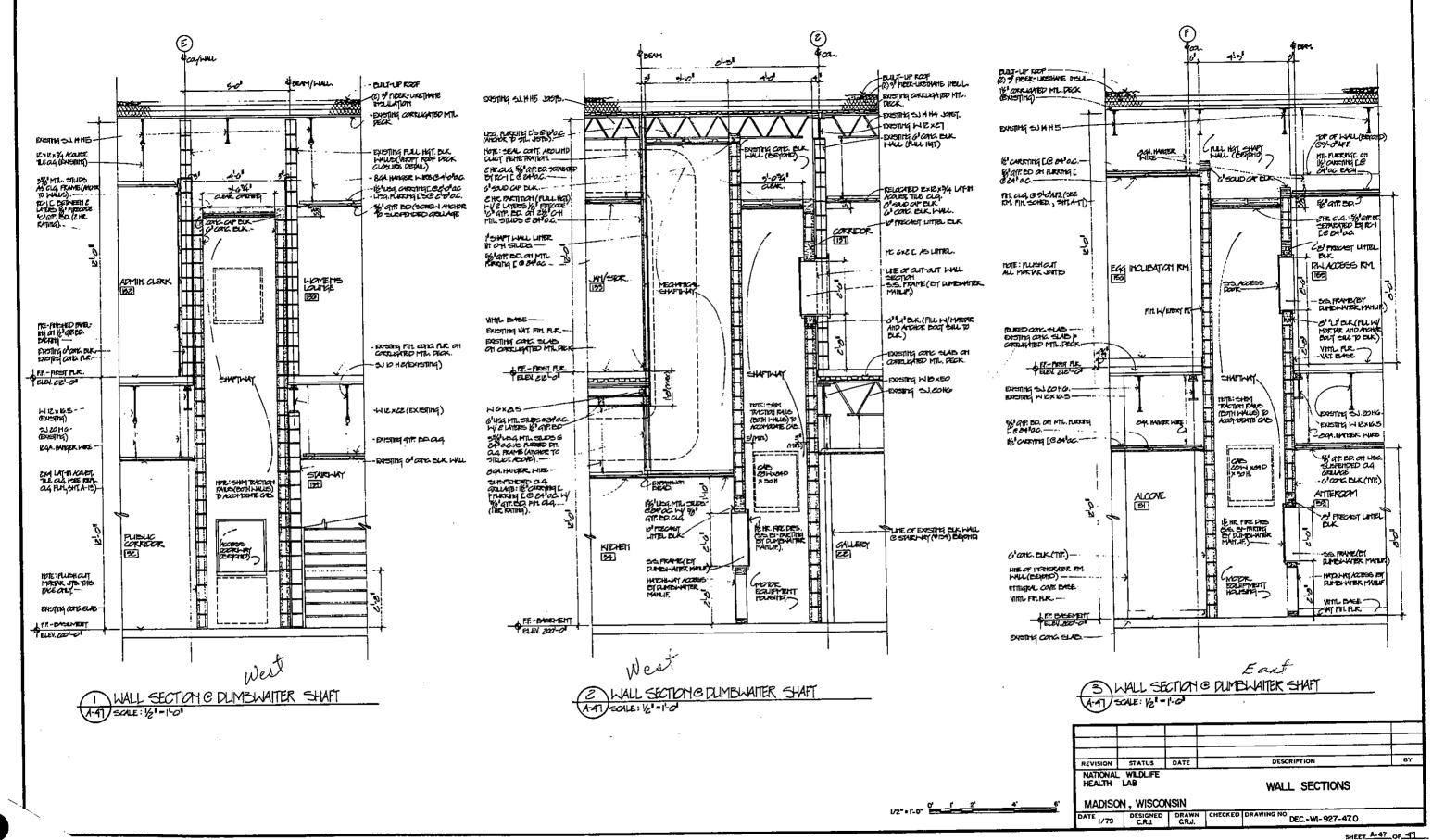


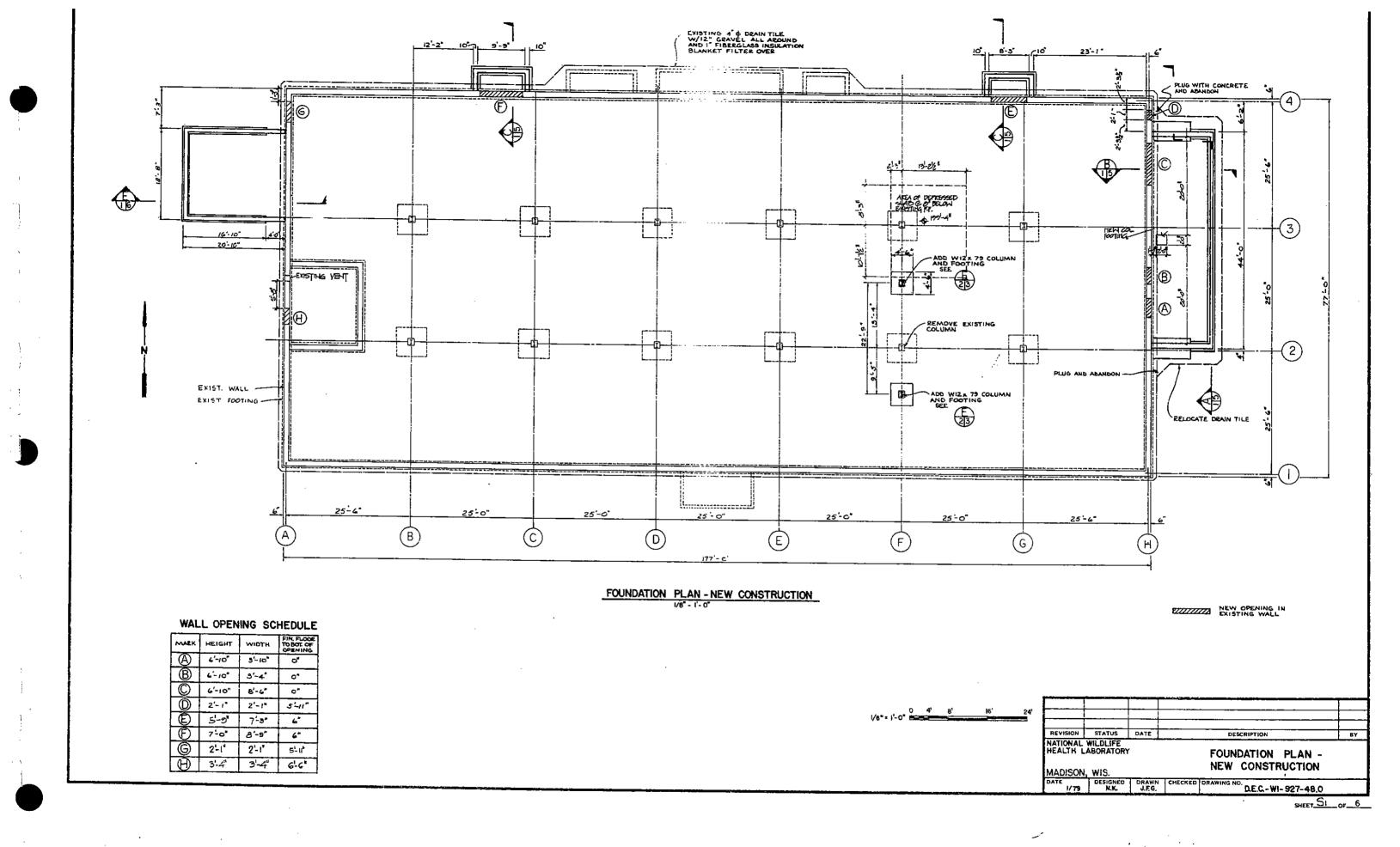


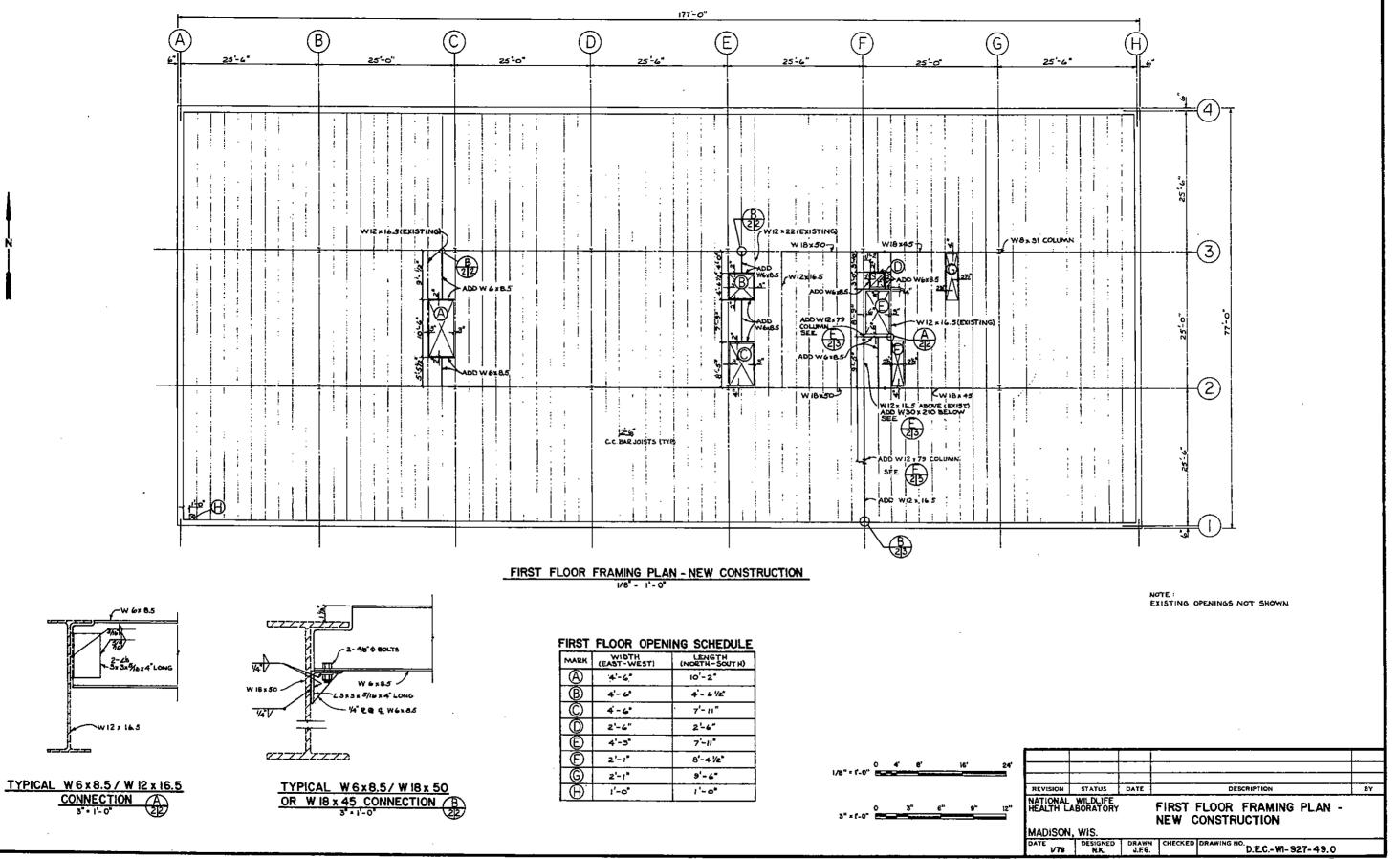


SHEET A-45 OF 47

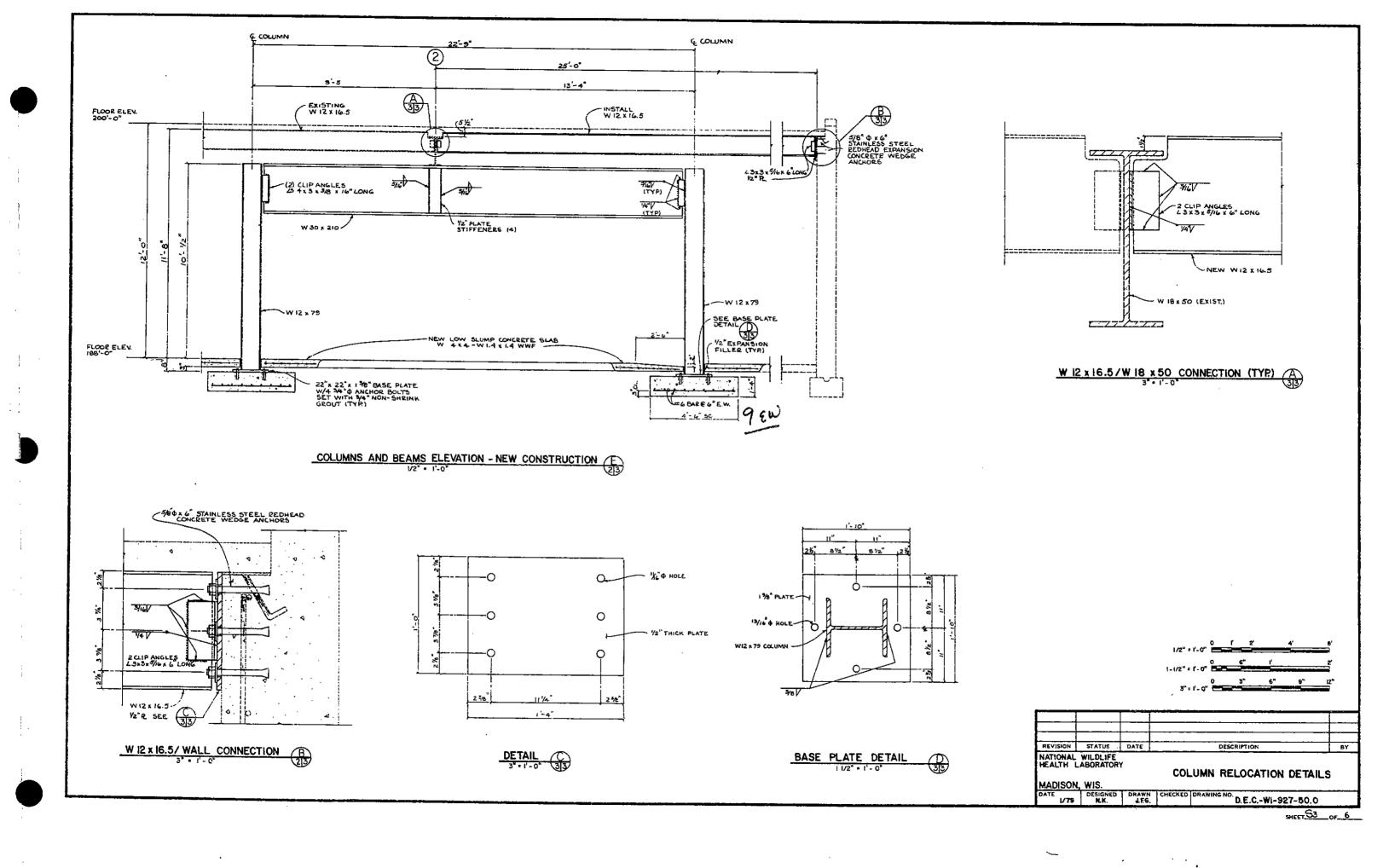


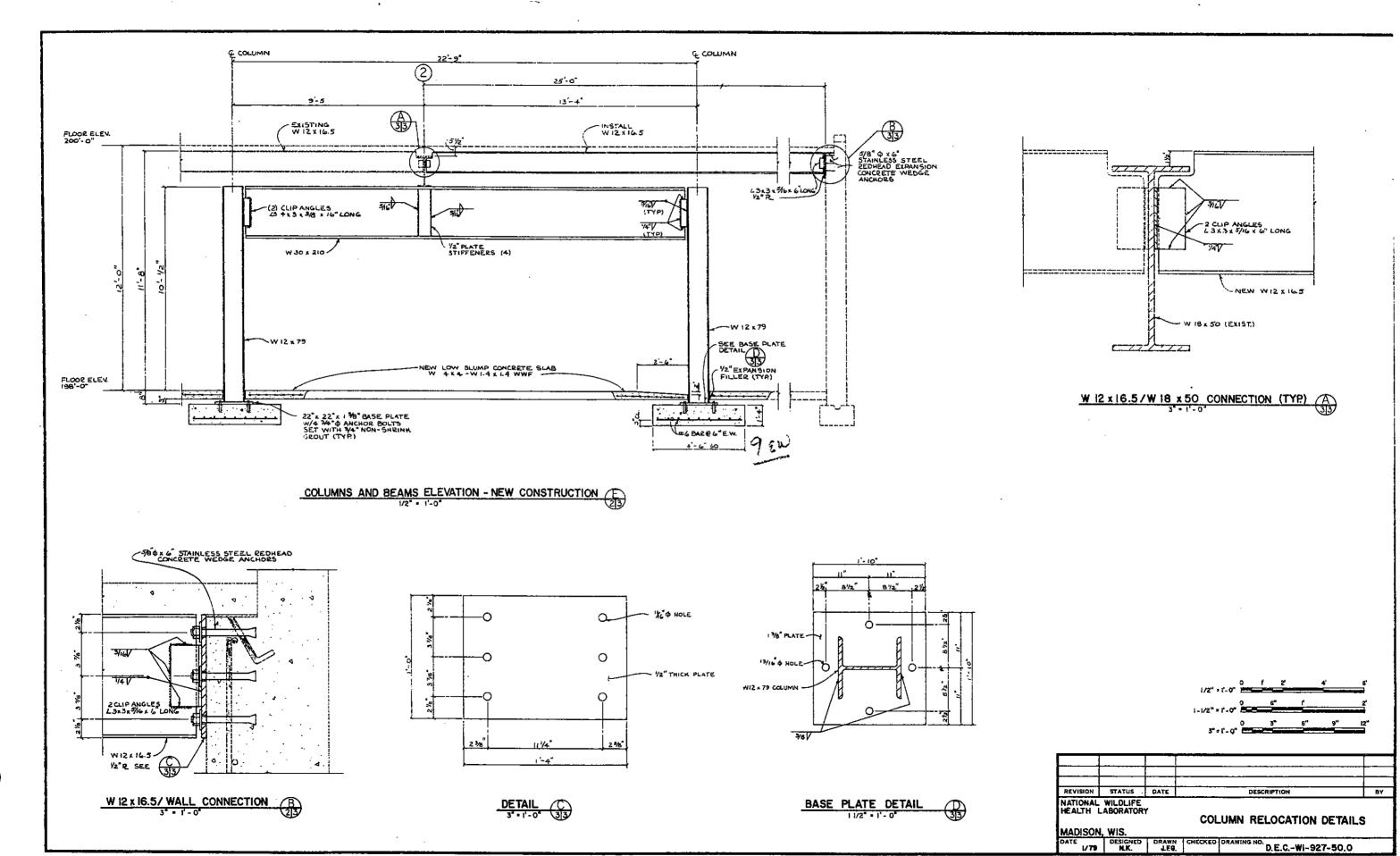




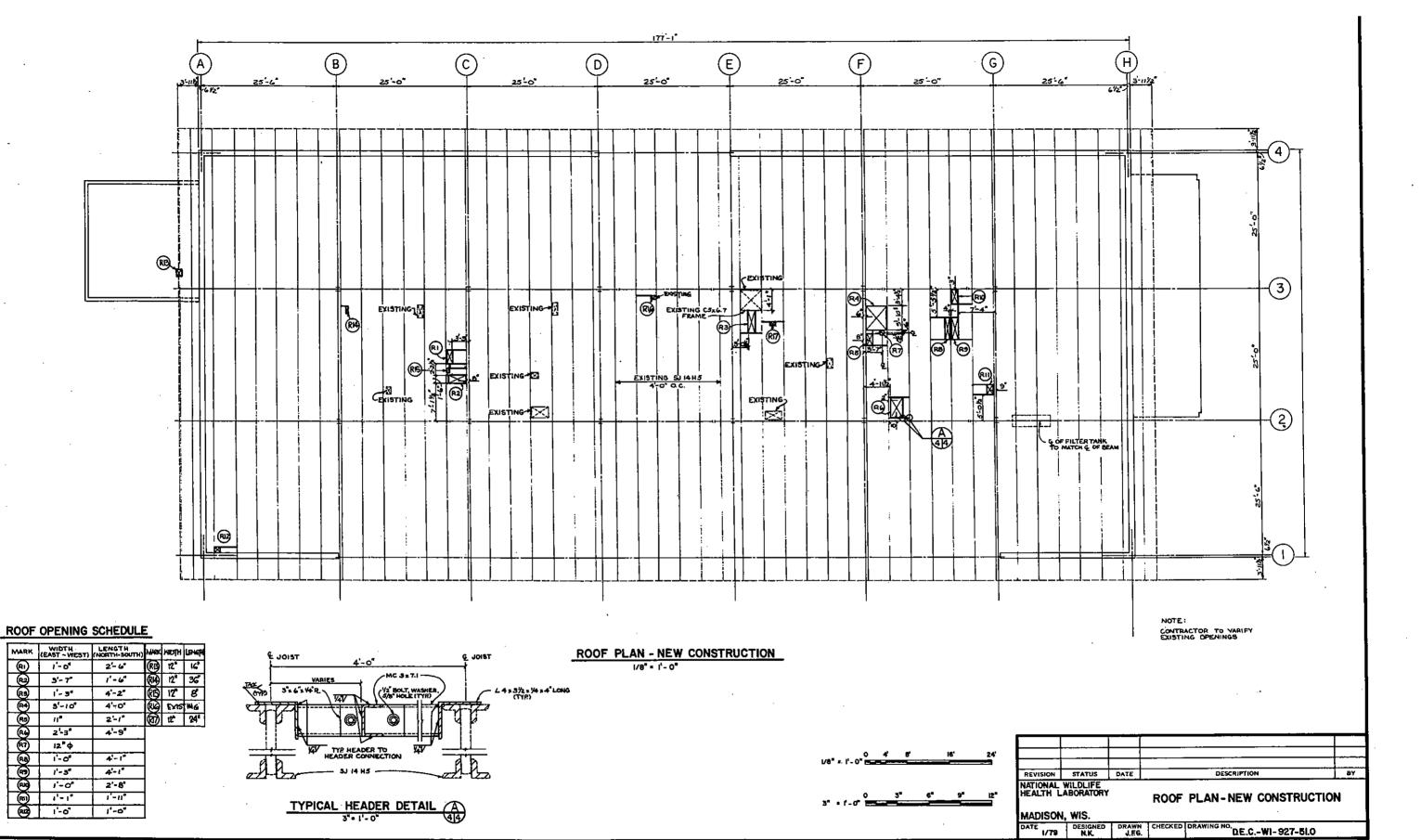


SHEET 52 OF 6

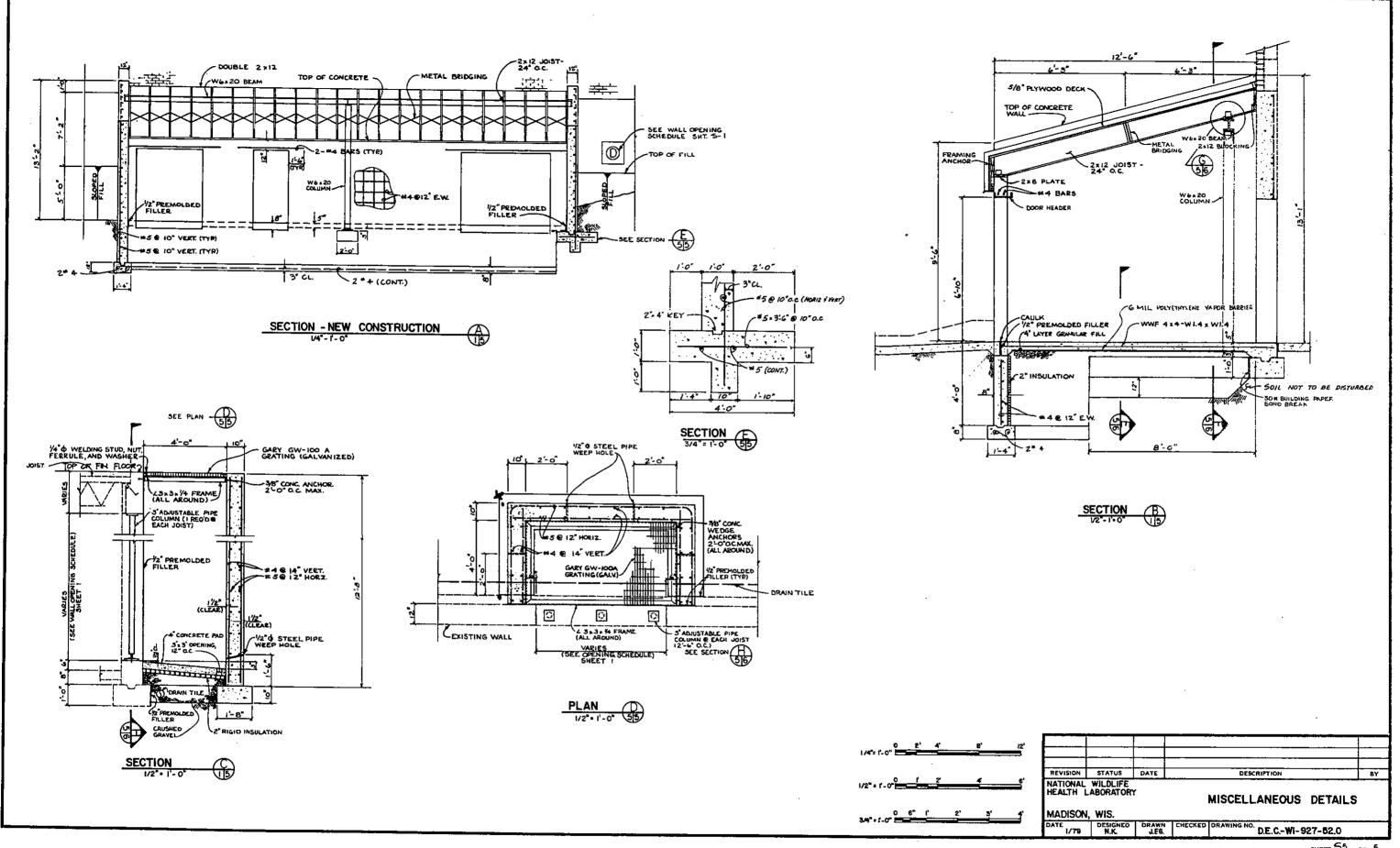


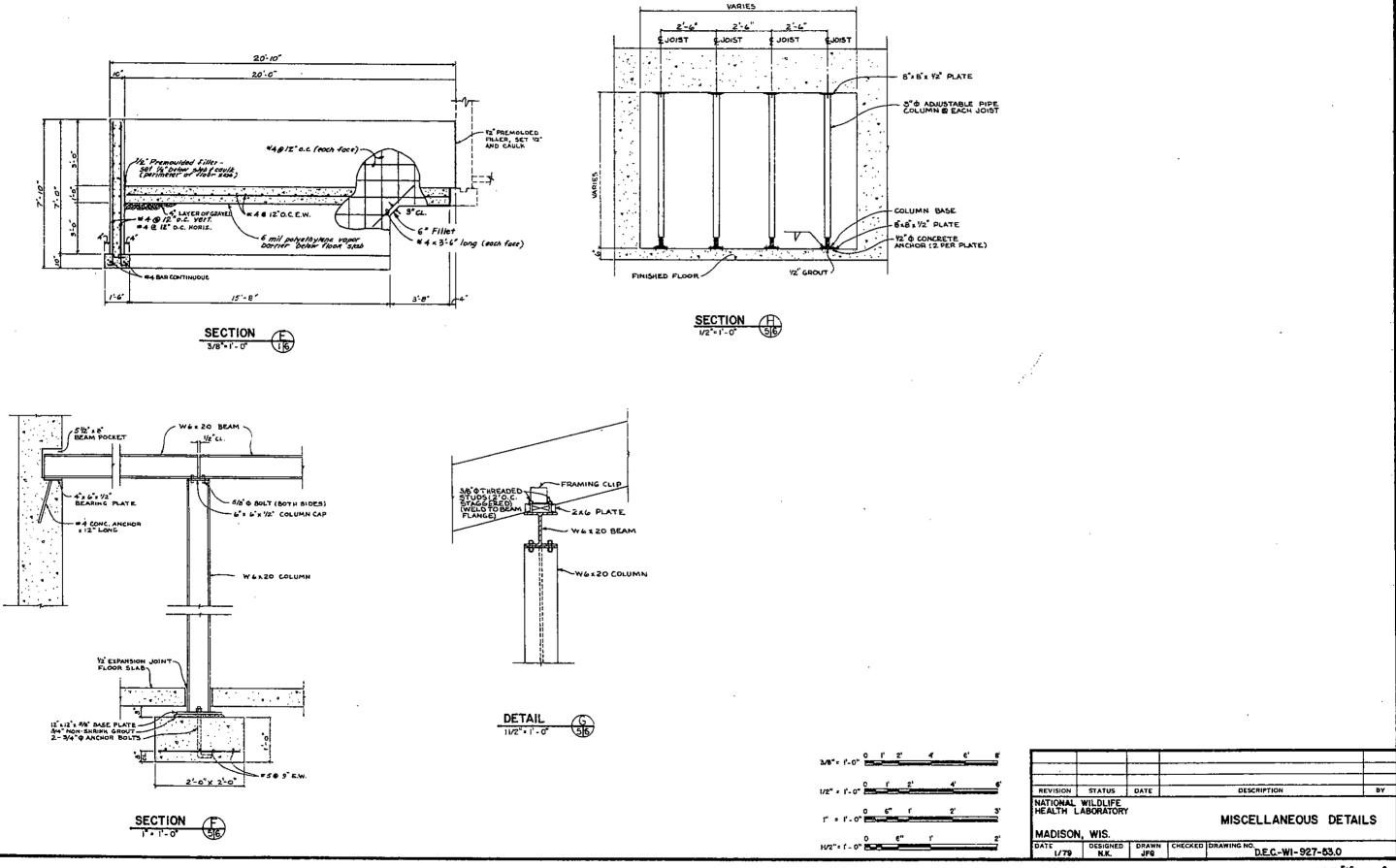


SHEET S3 OF 6

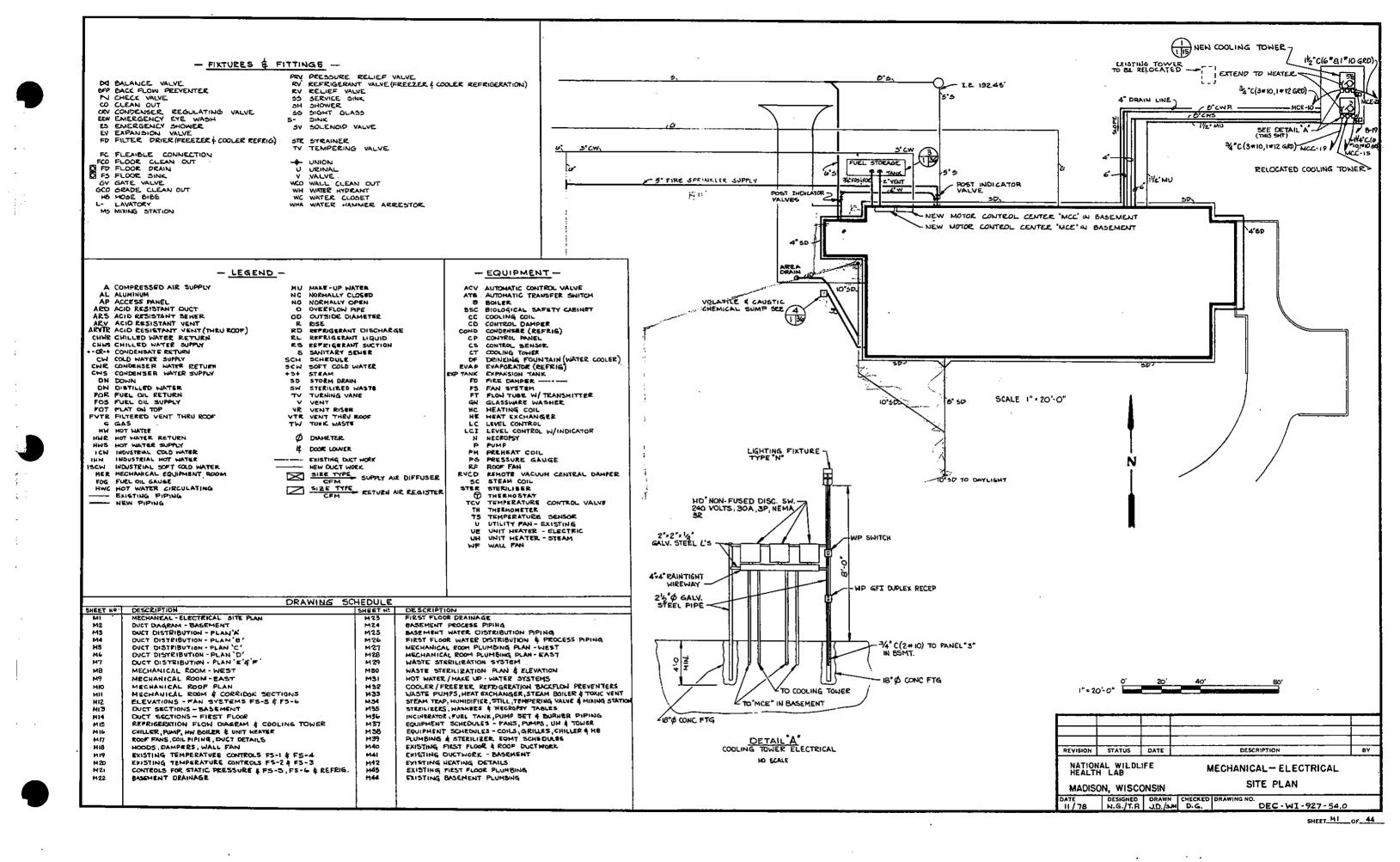


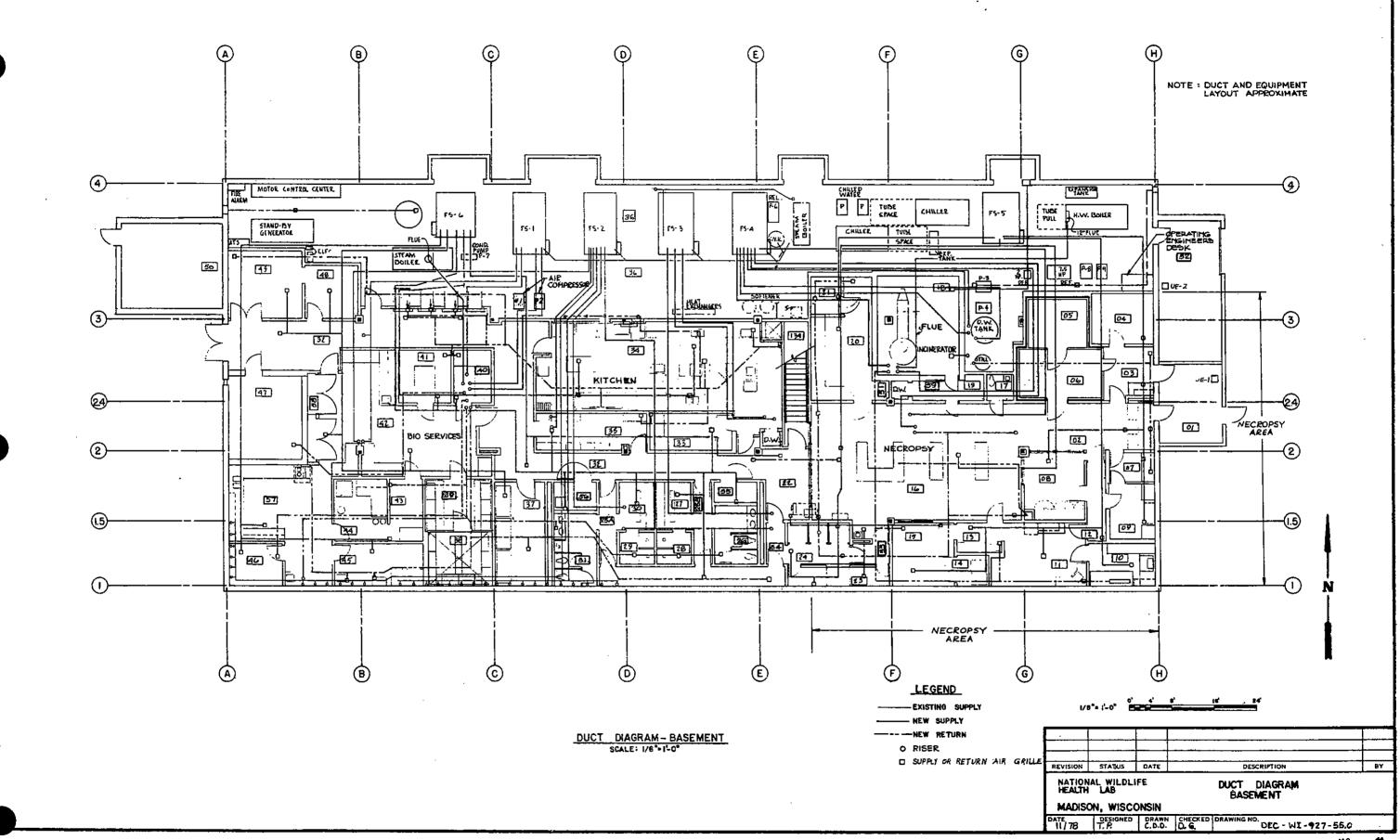
SHEET 54 OF 6

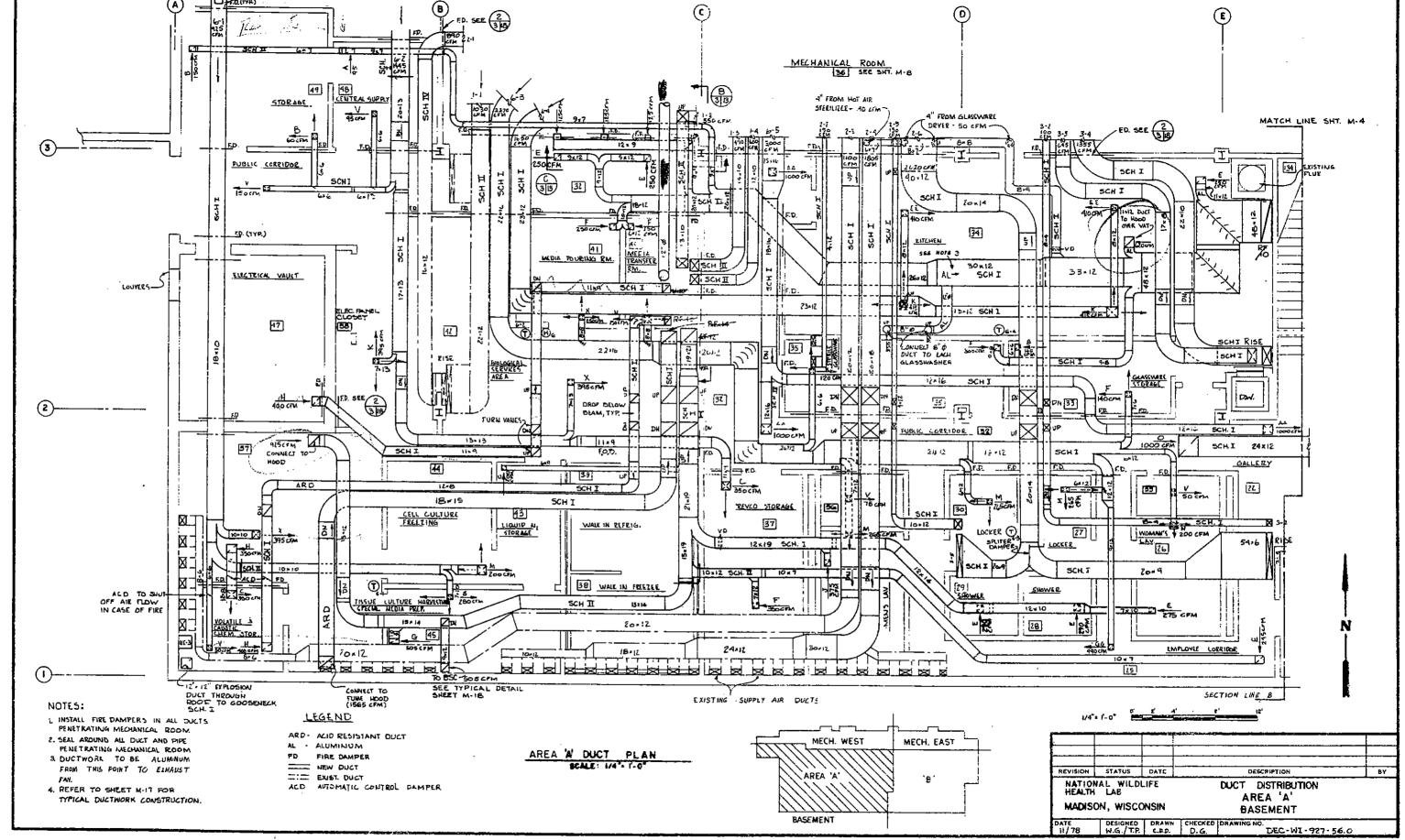




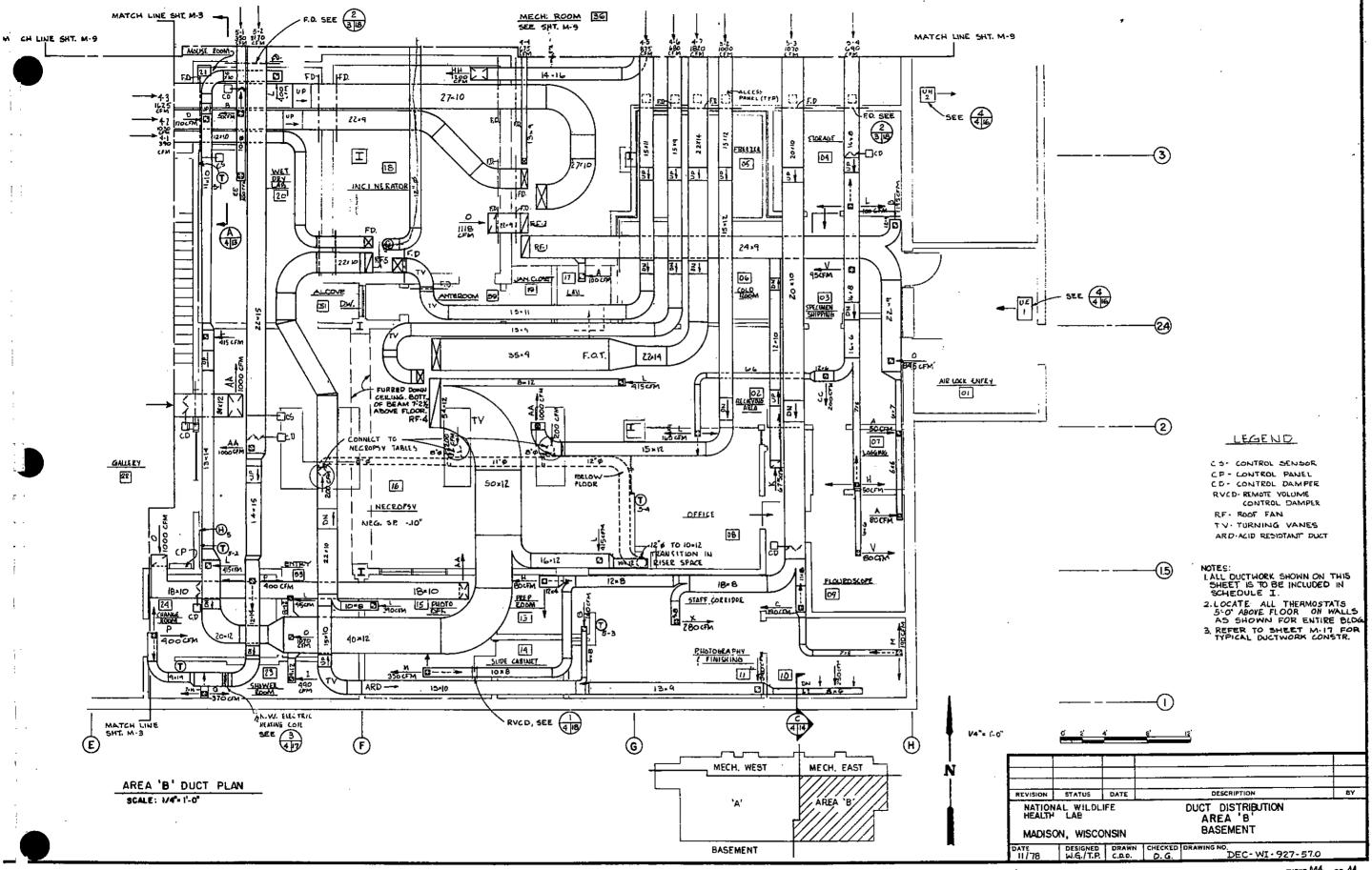
SHEET \$16 OF 6



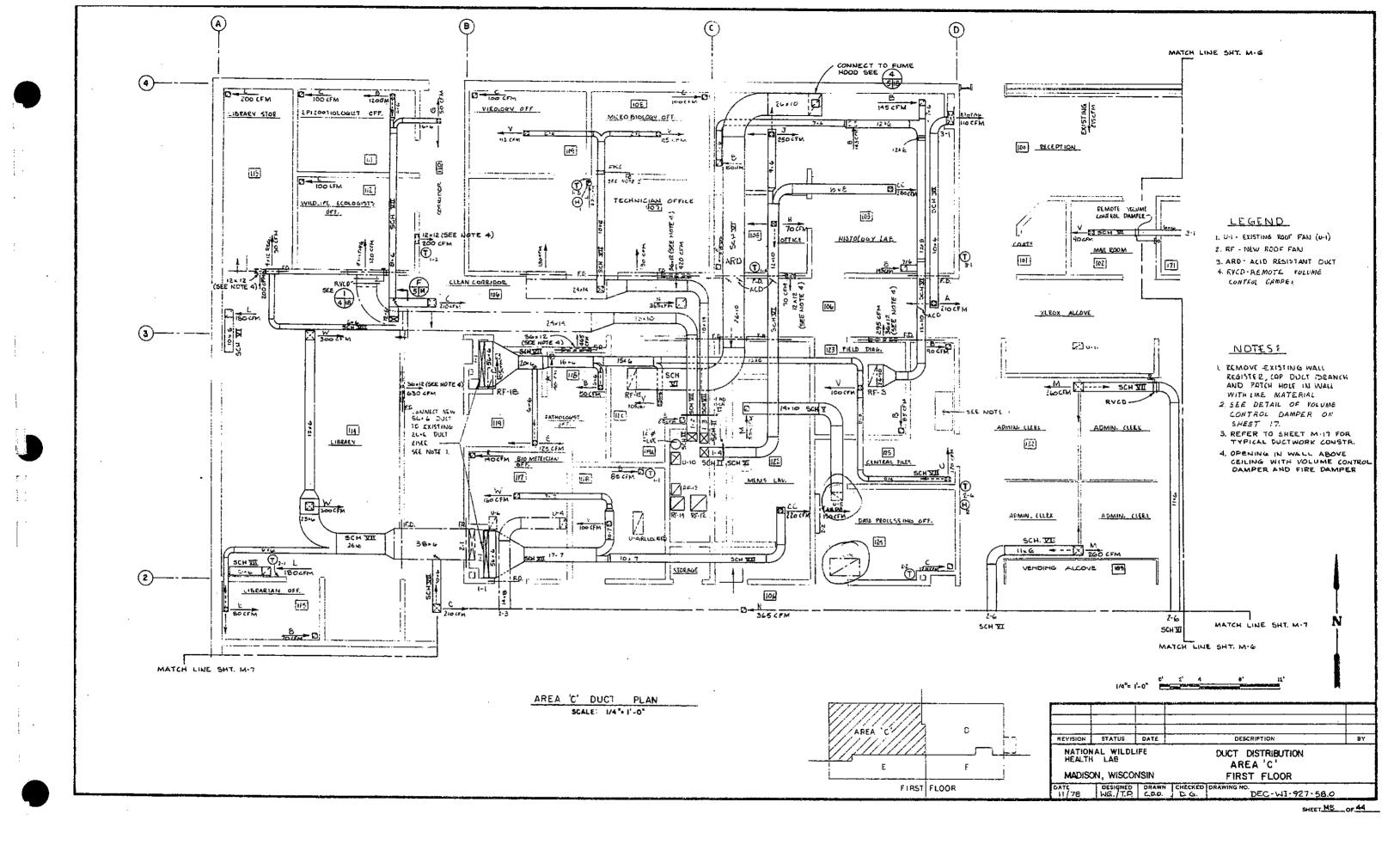


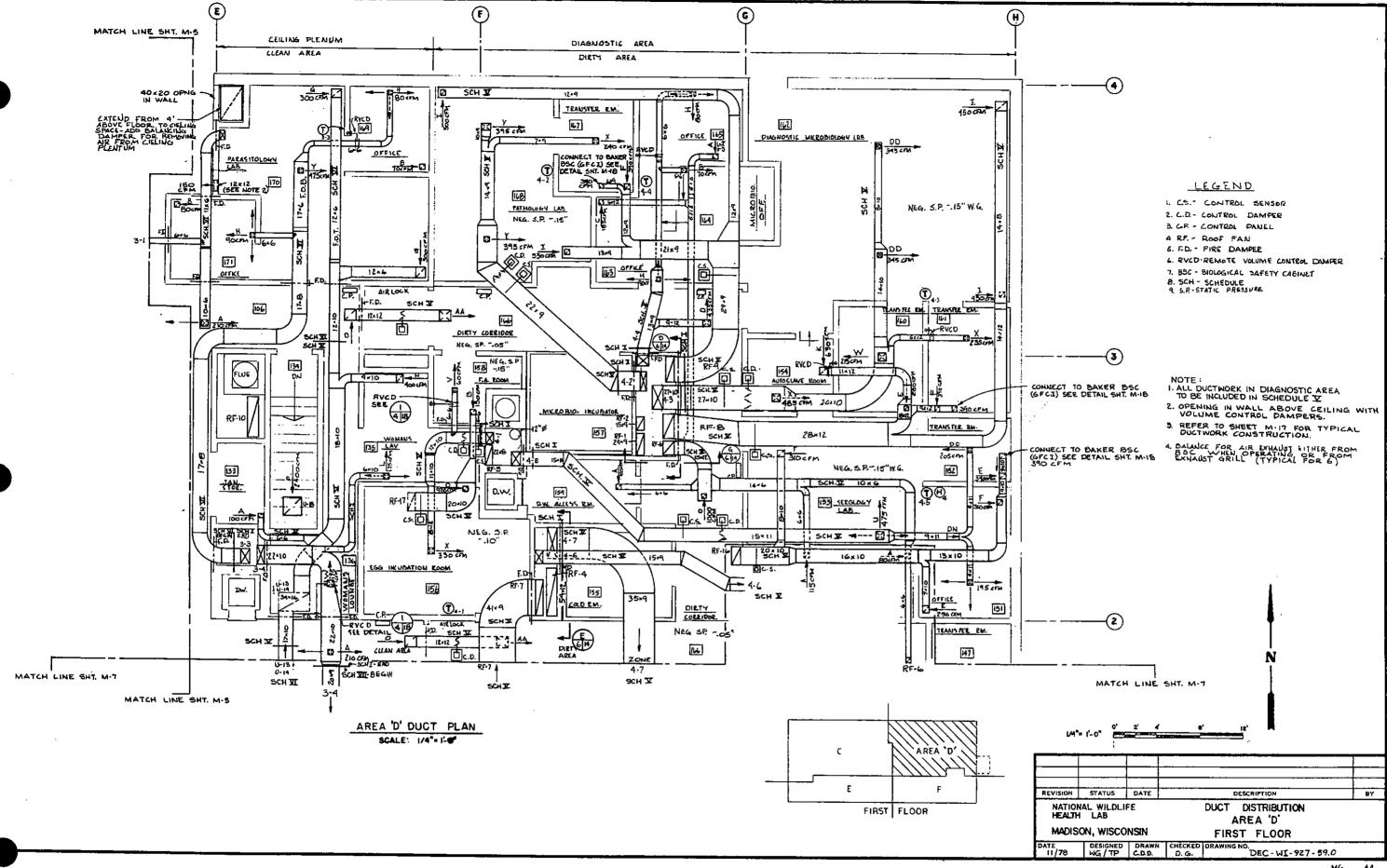


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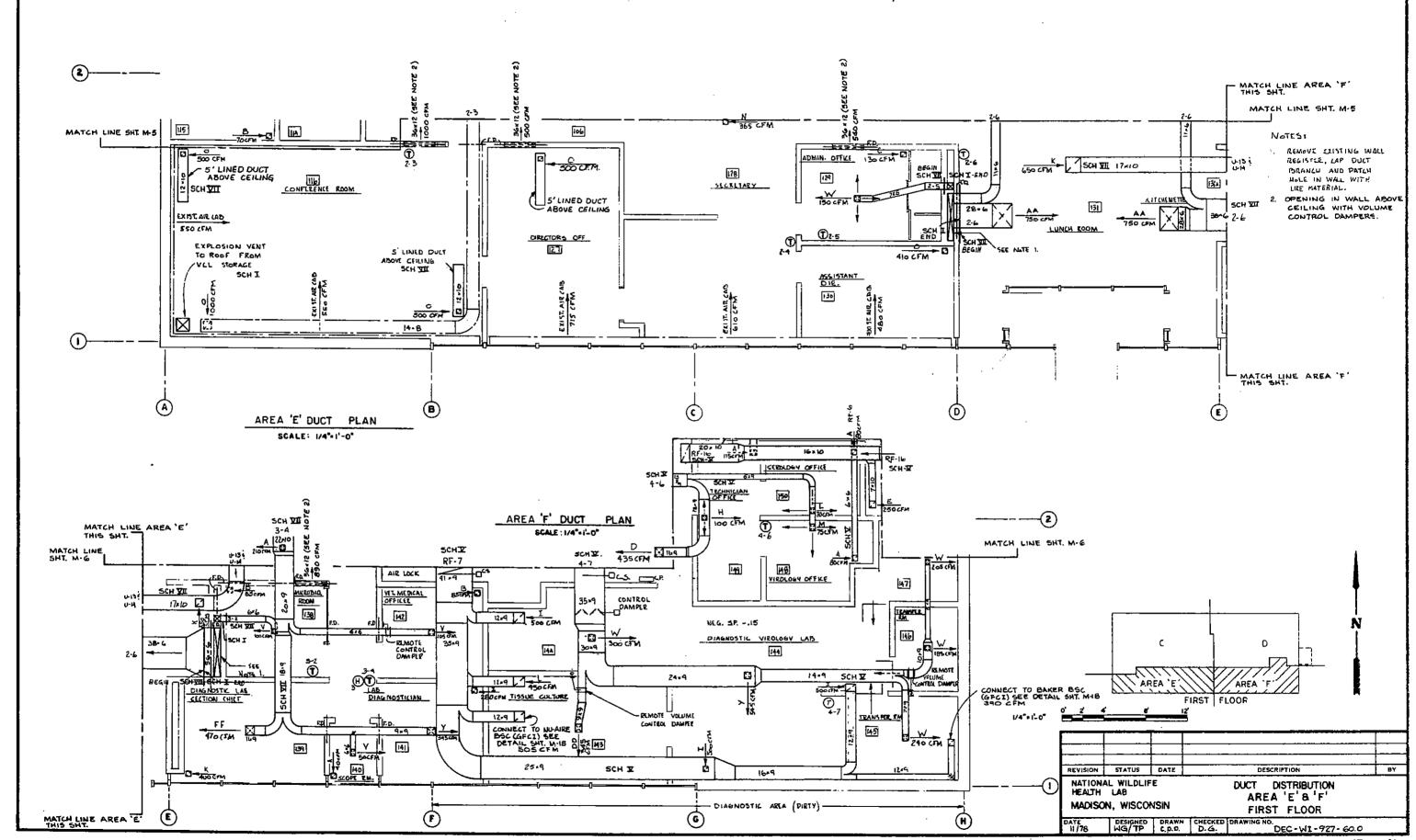


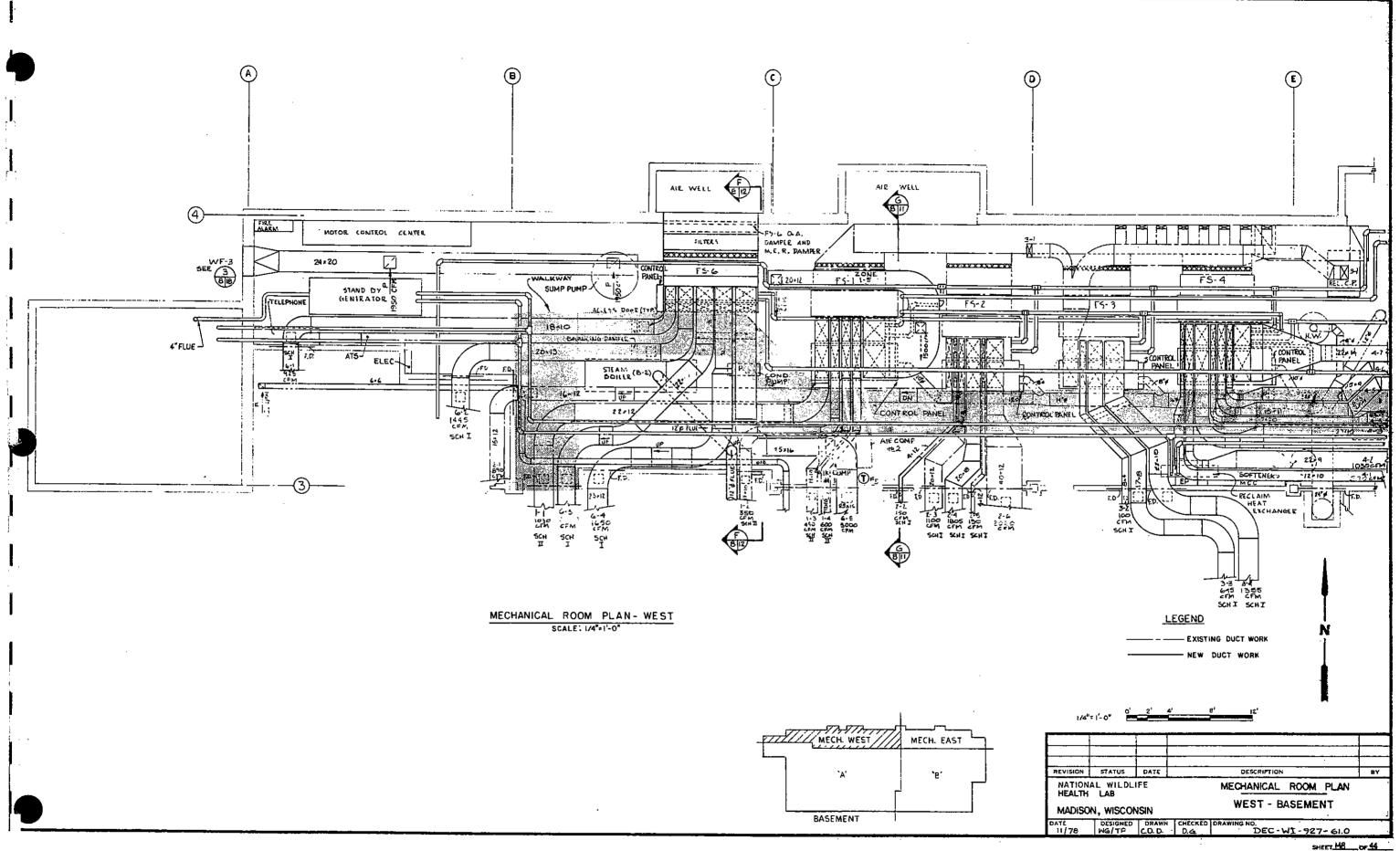
SHEET.M4 OF 44

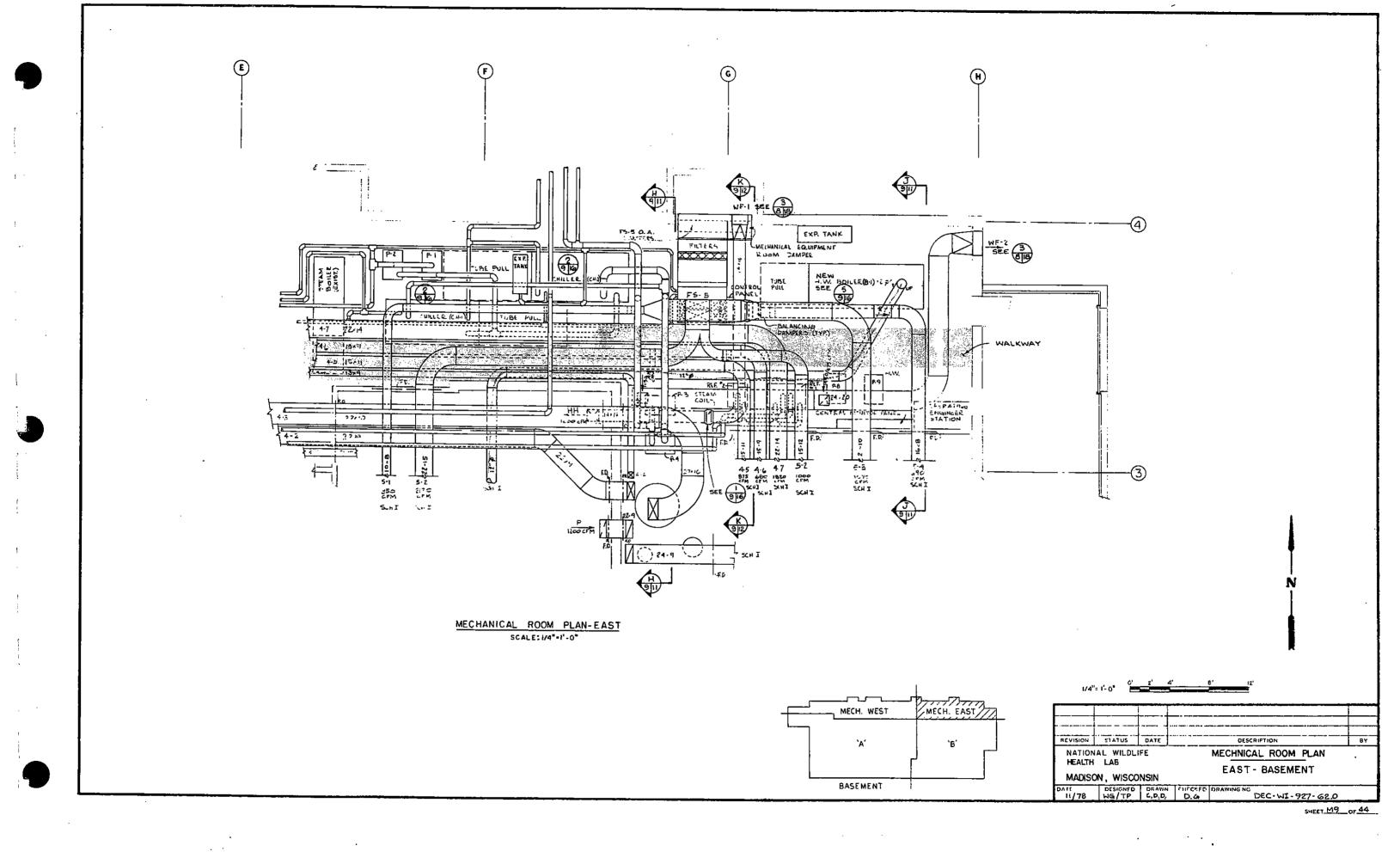


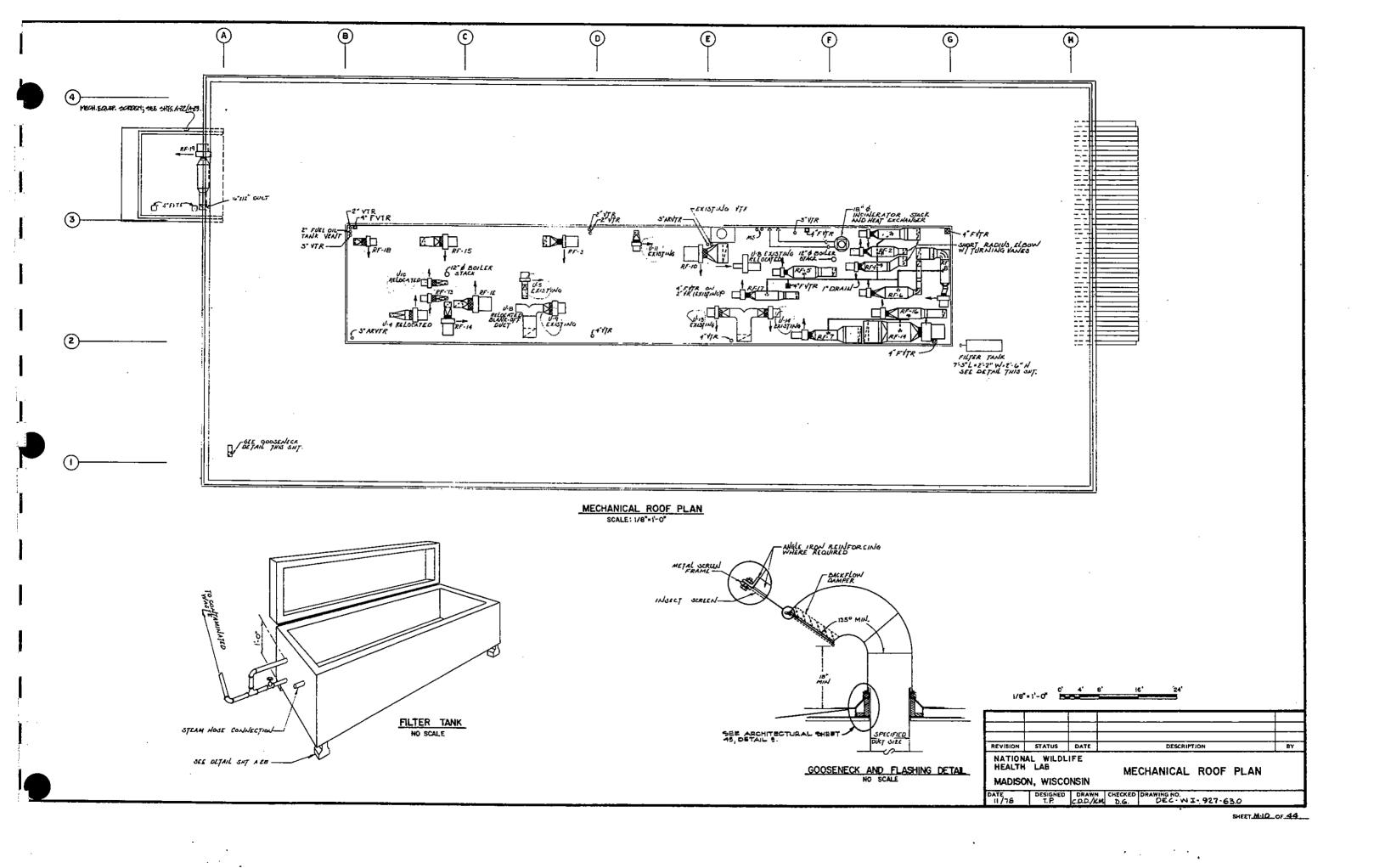


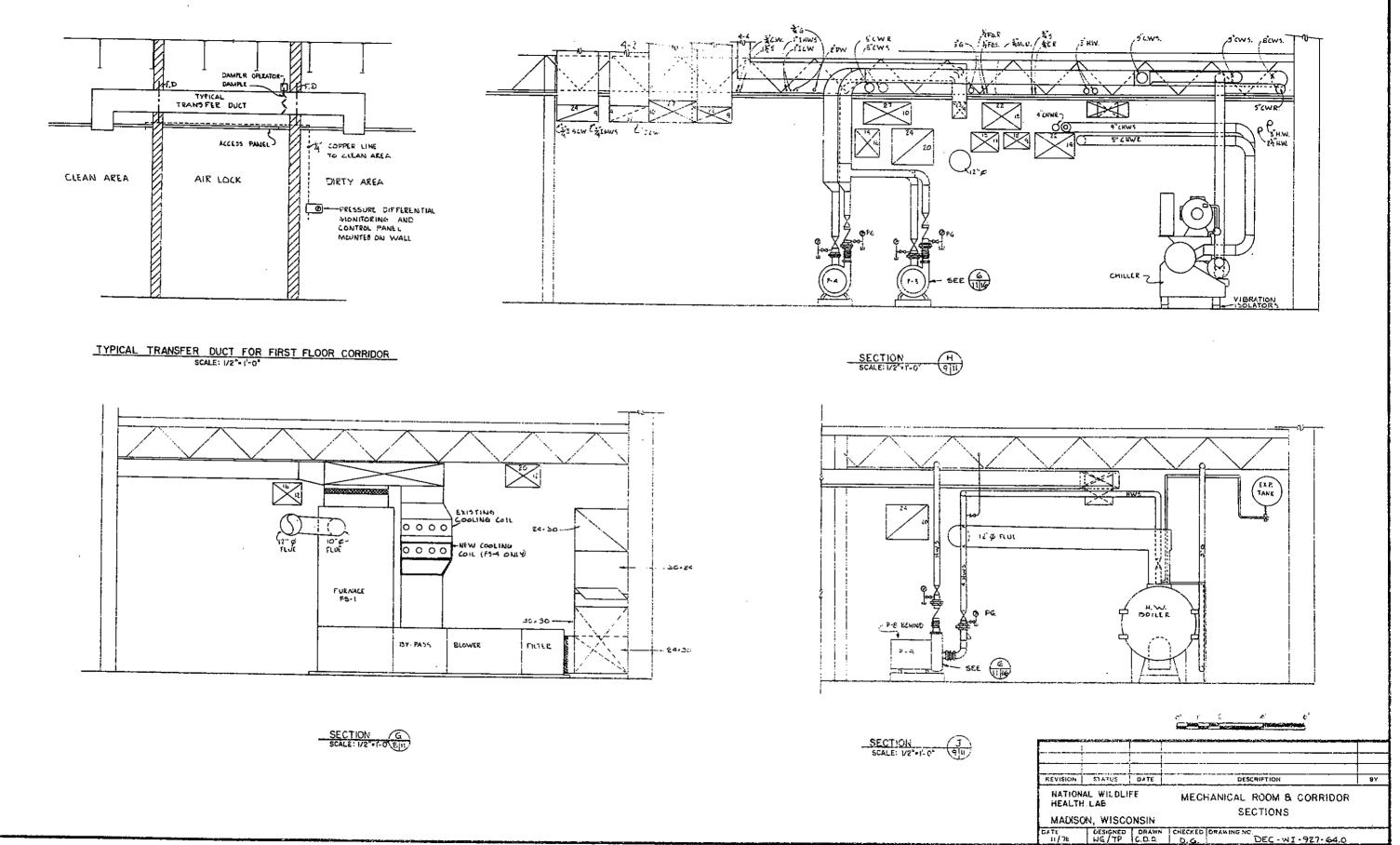
SHEET MG OF 44

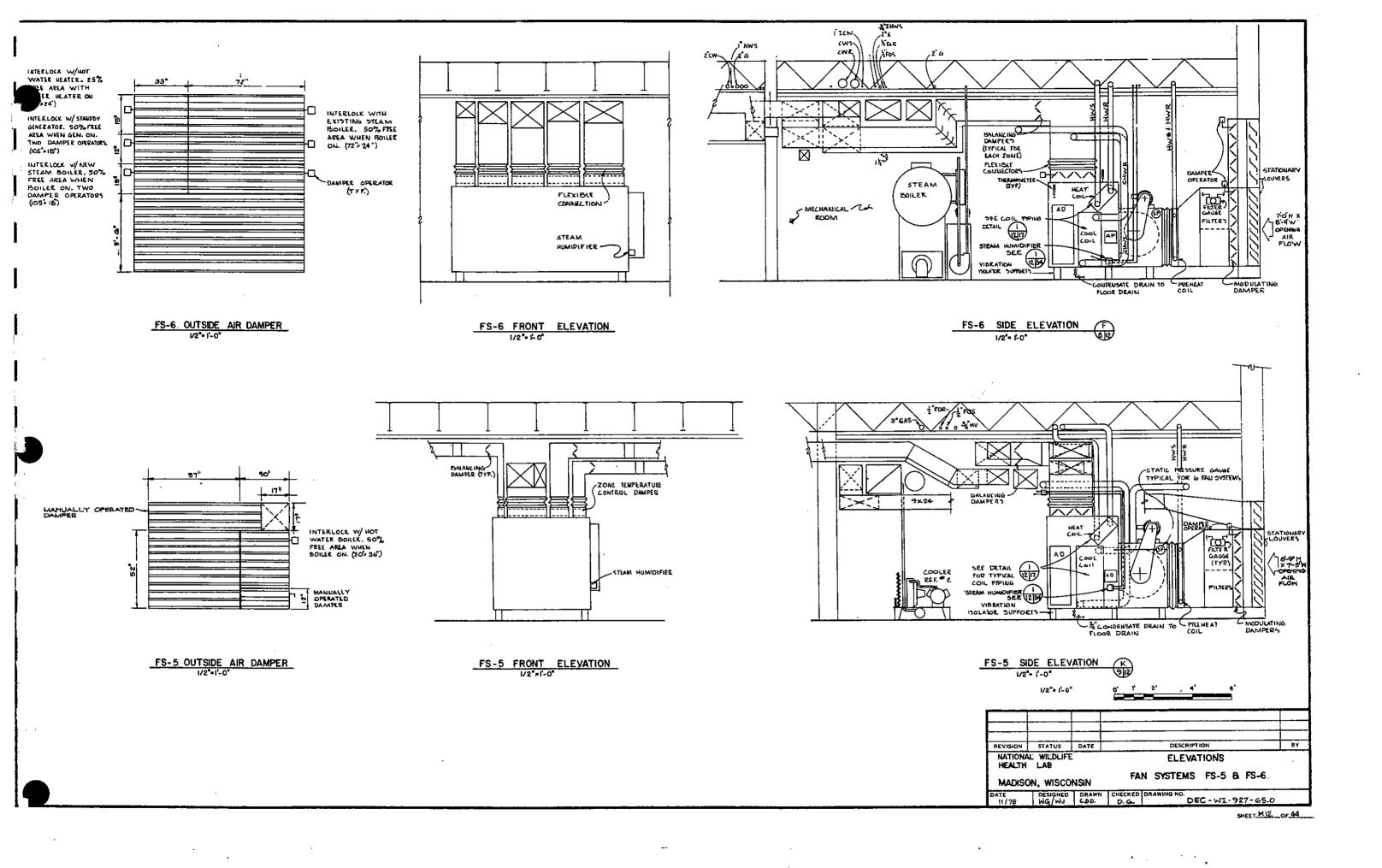


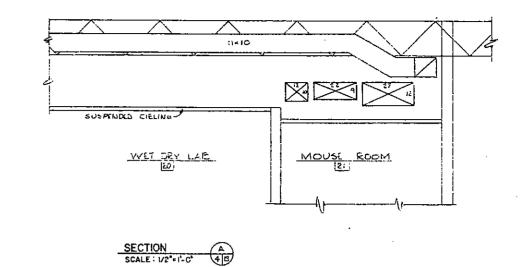


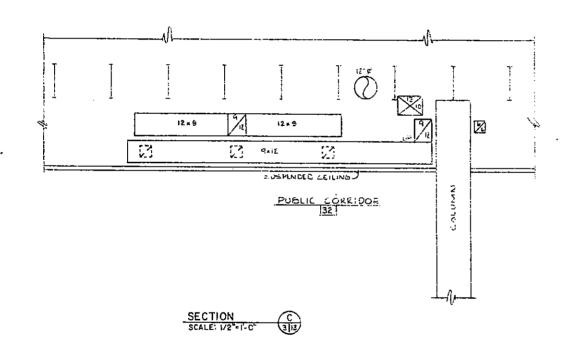


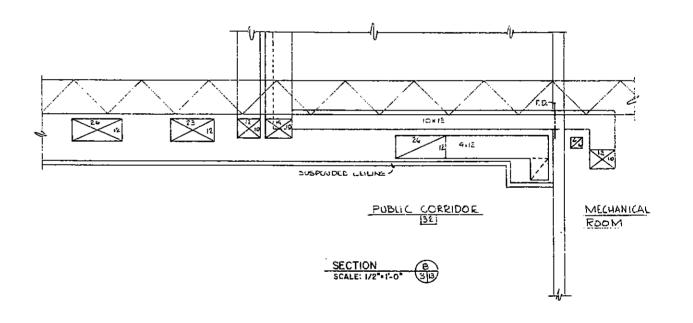


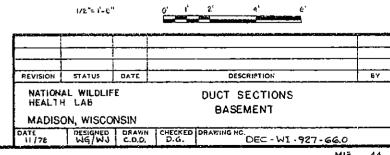




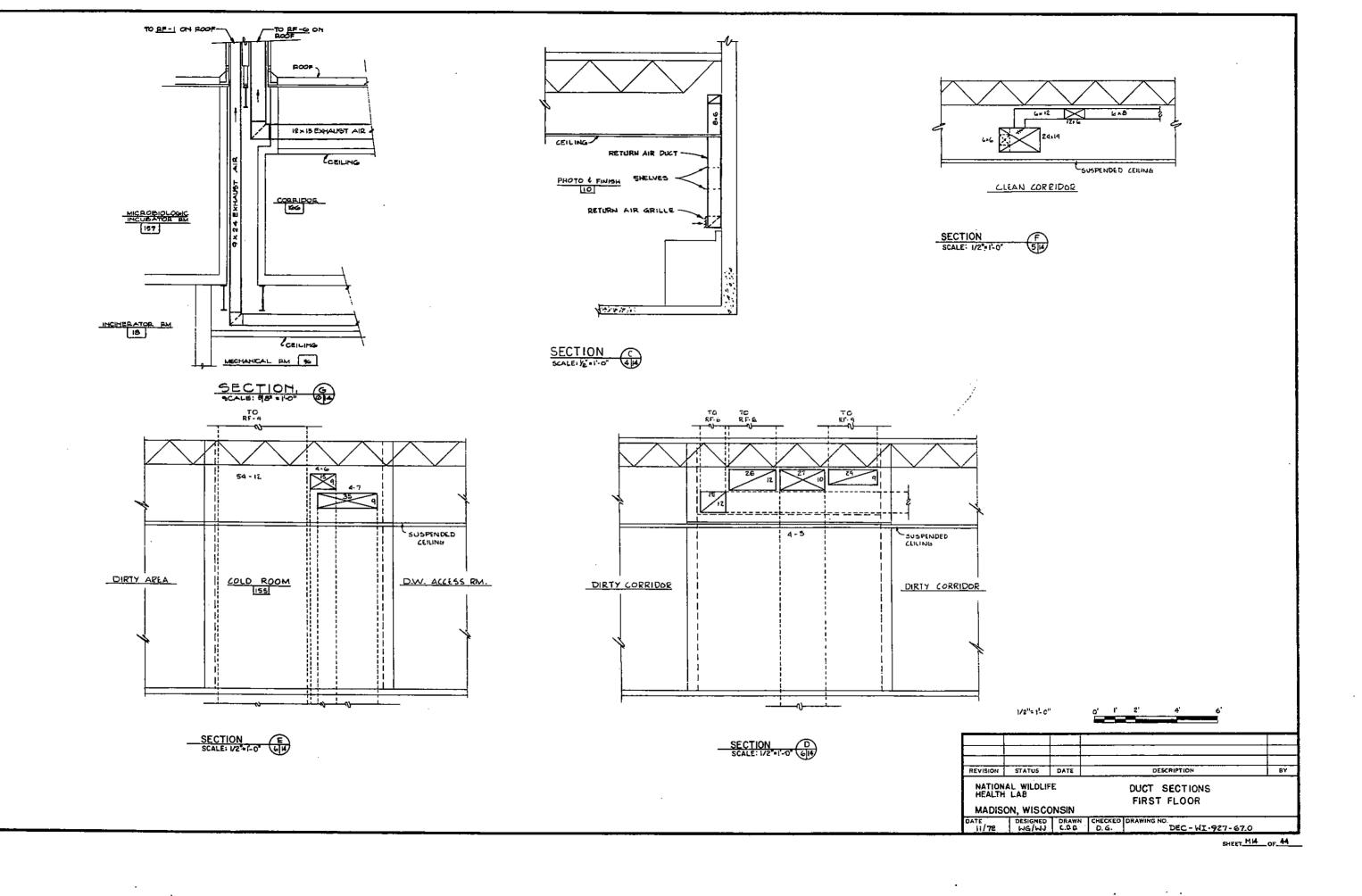


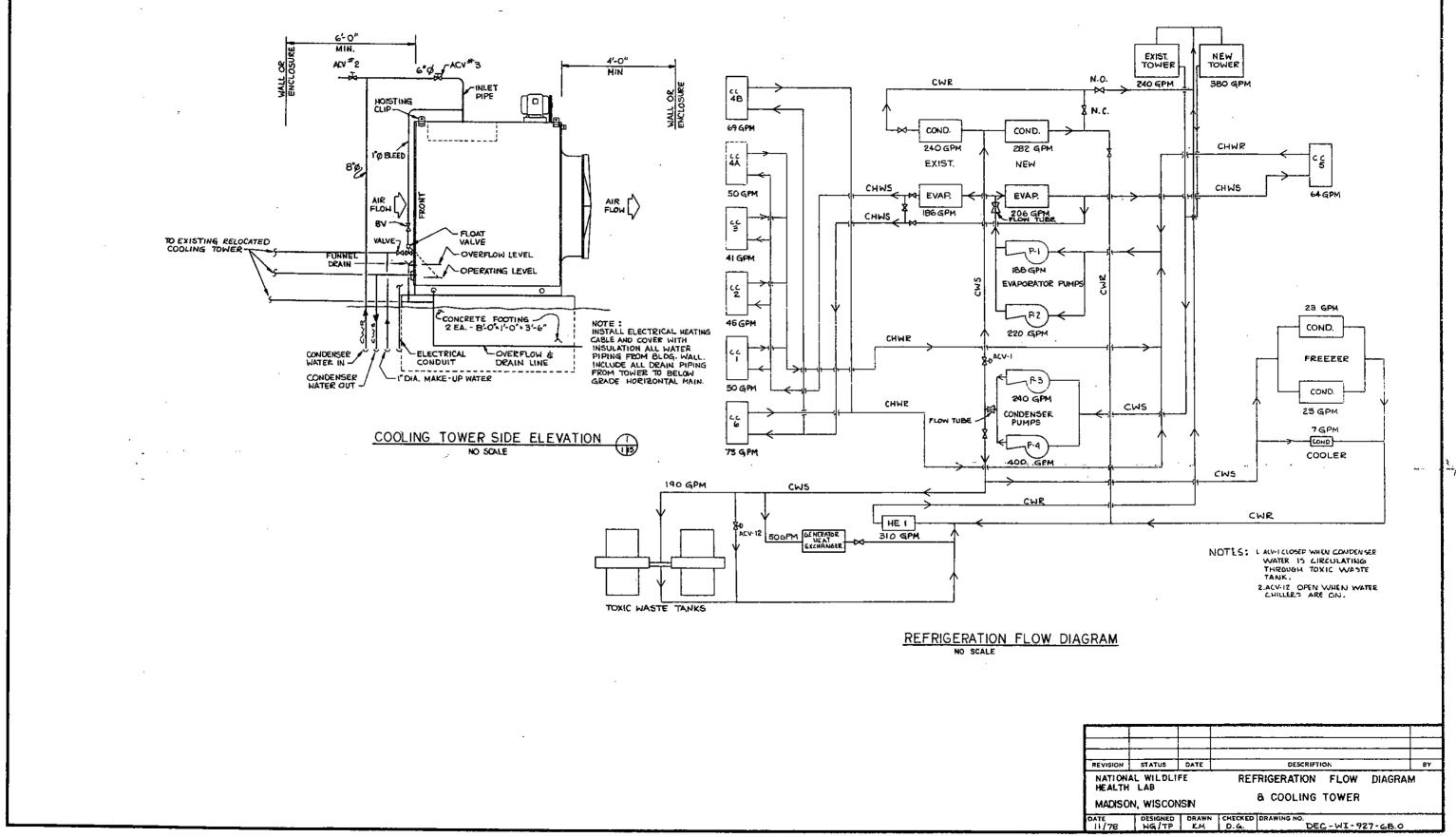


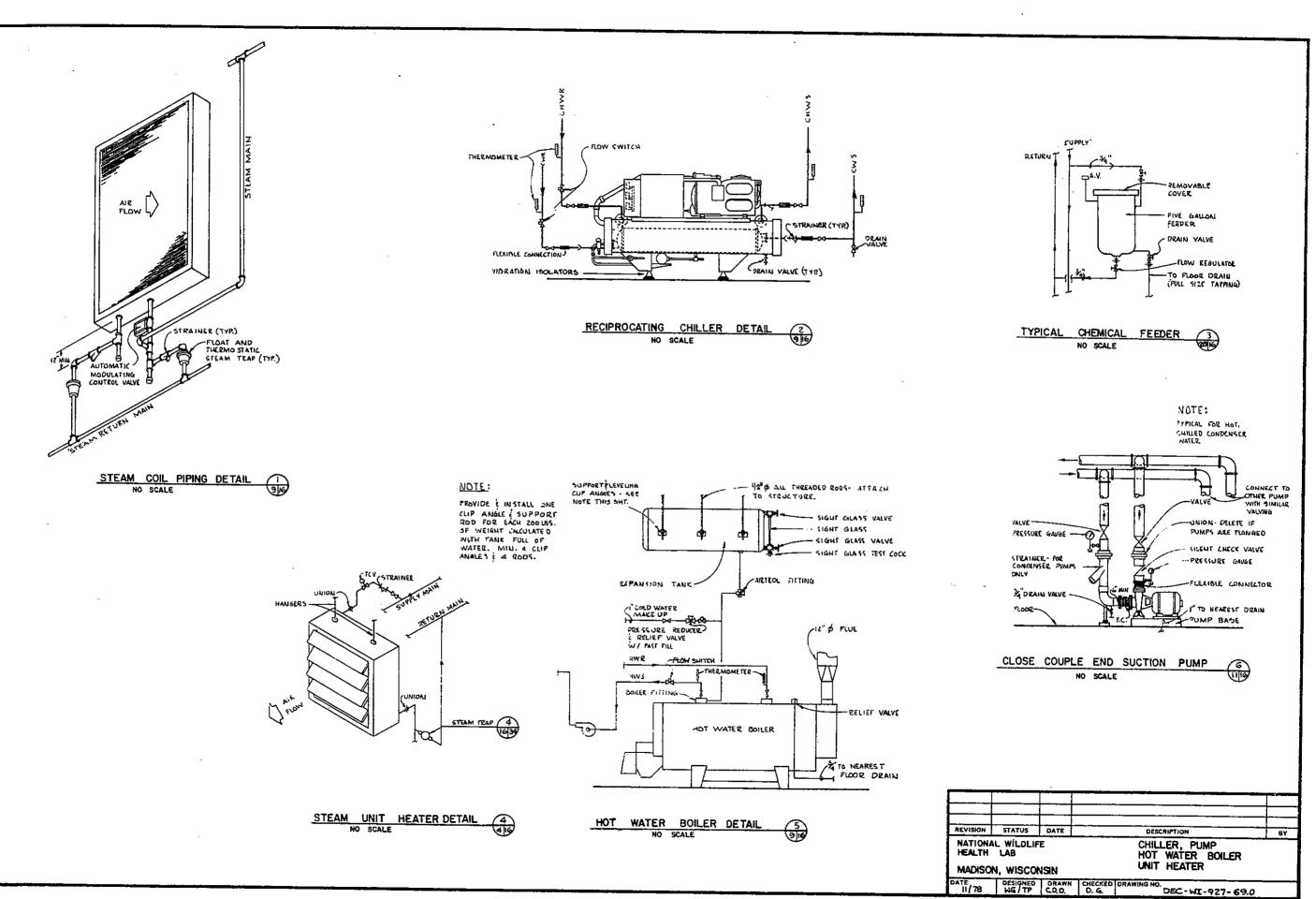


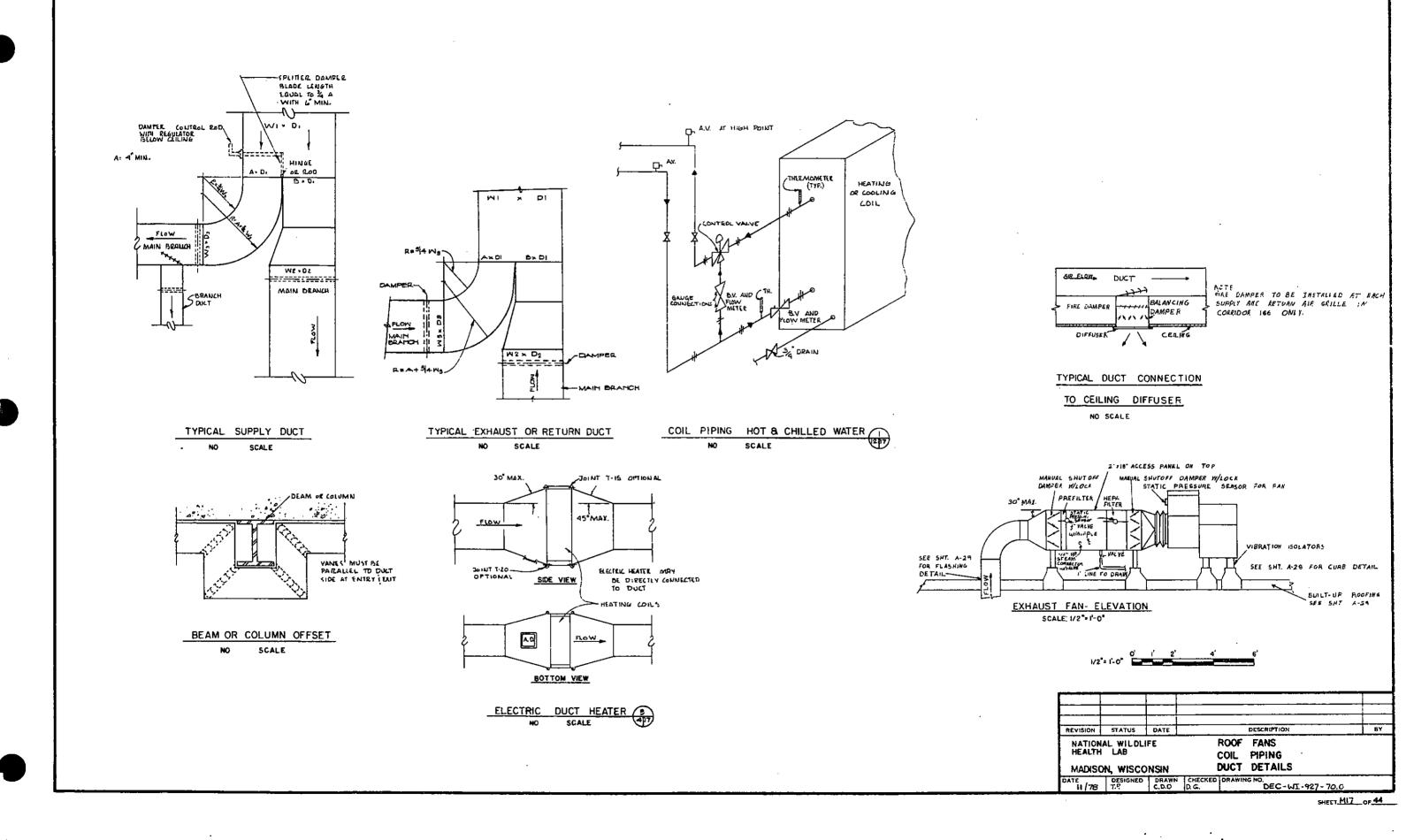


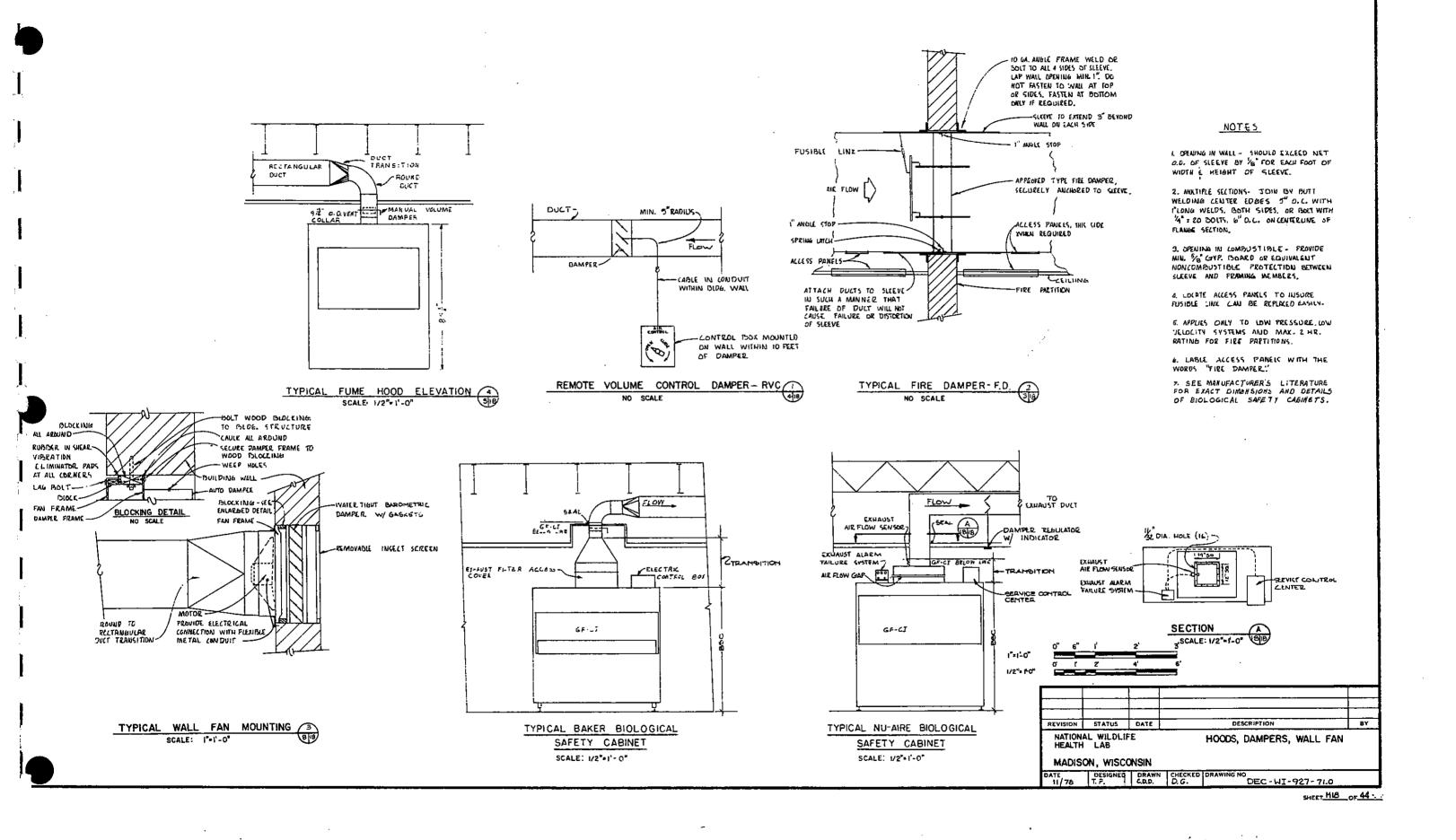
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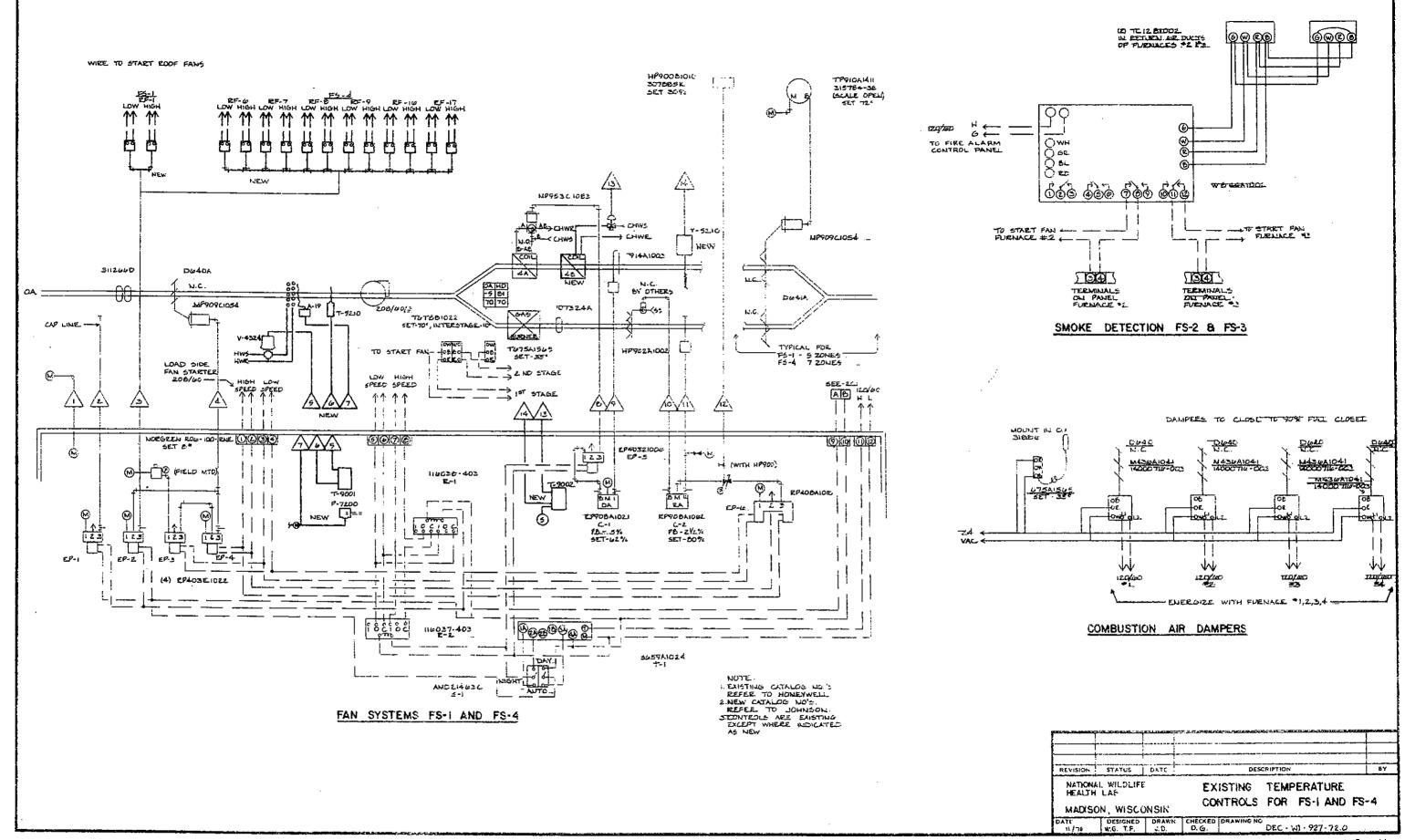




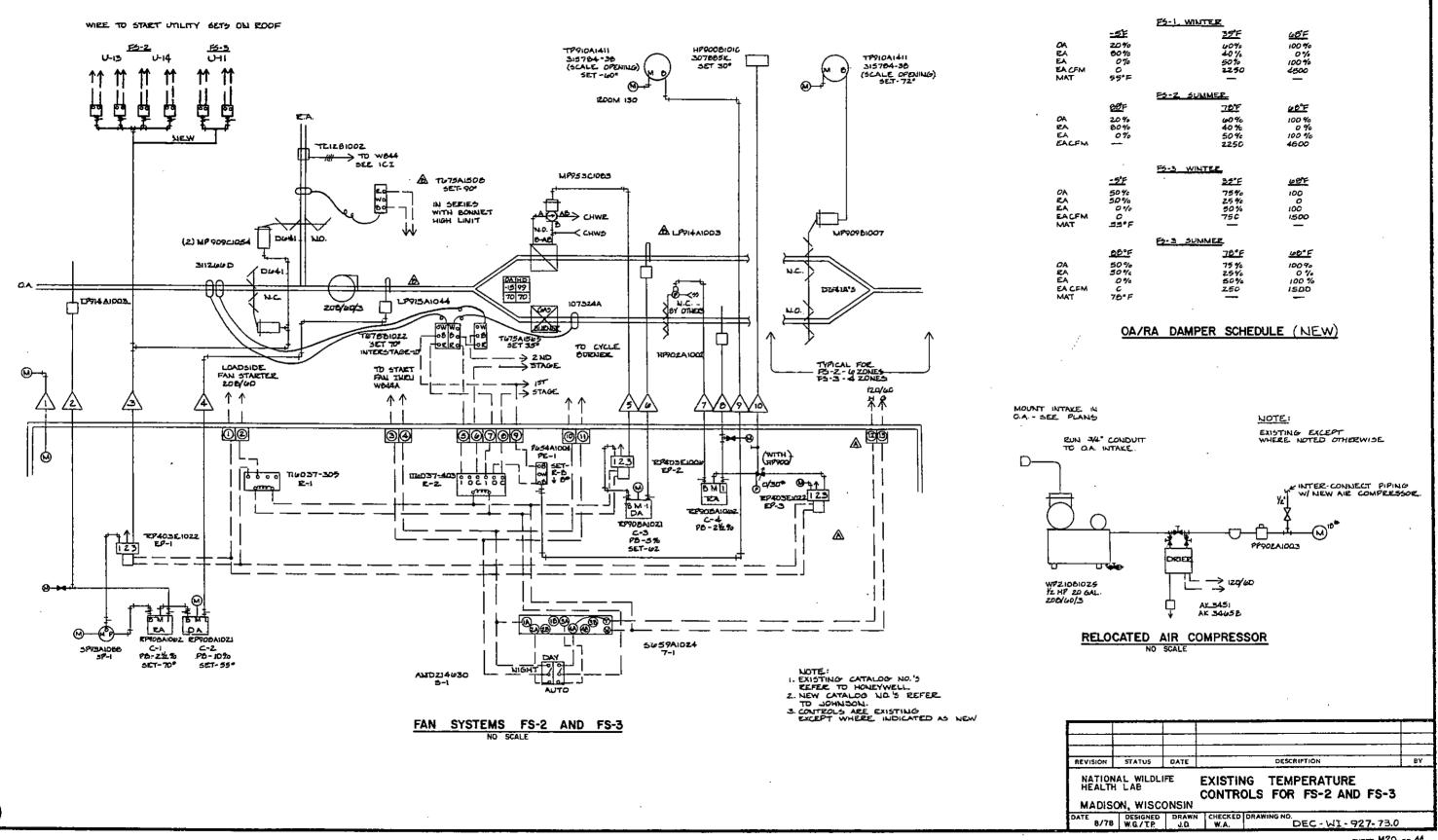


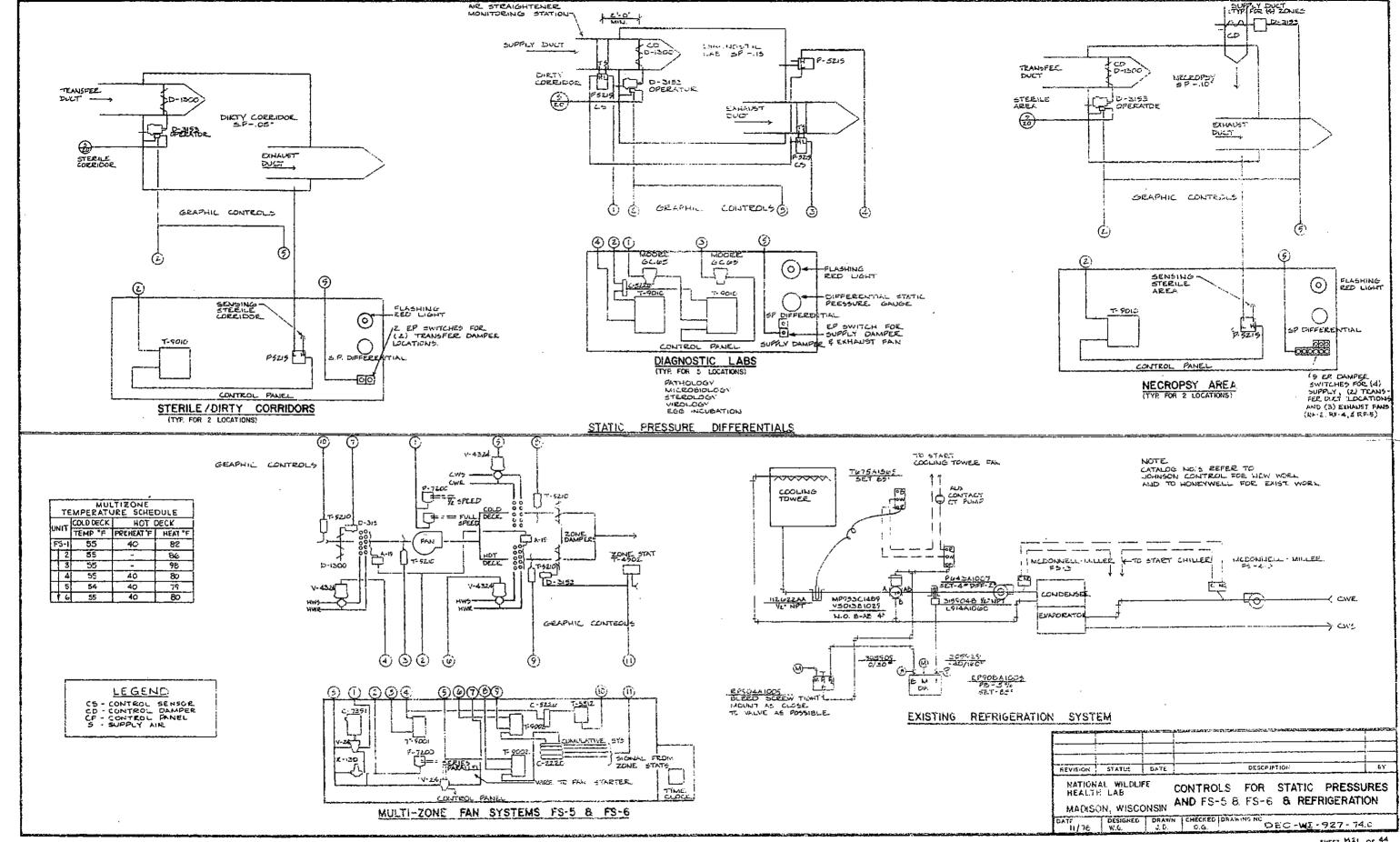




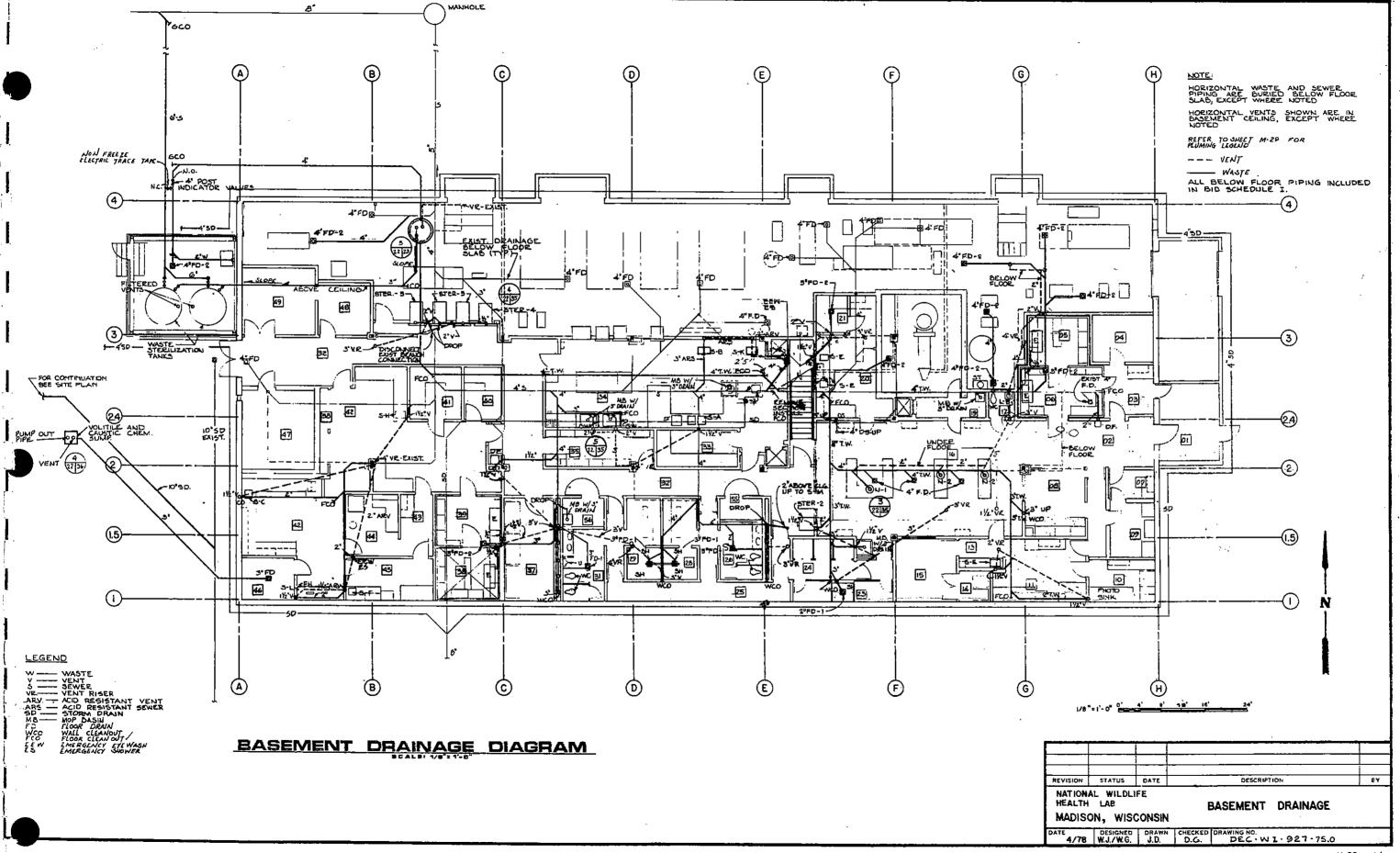


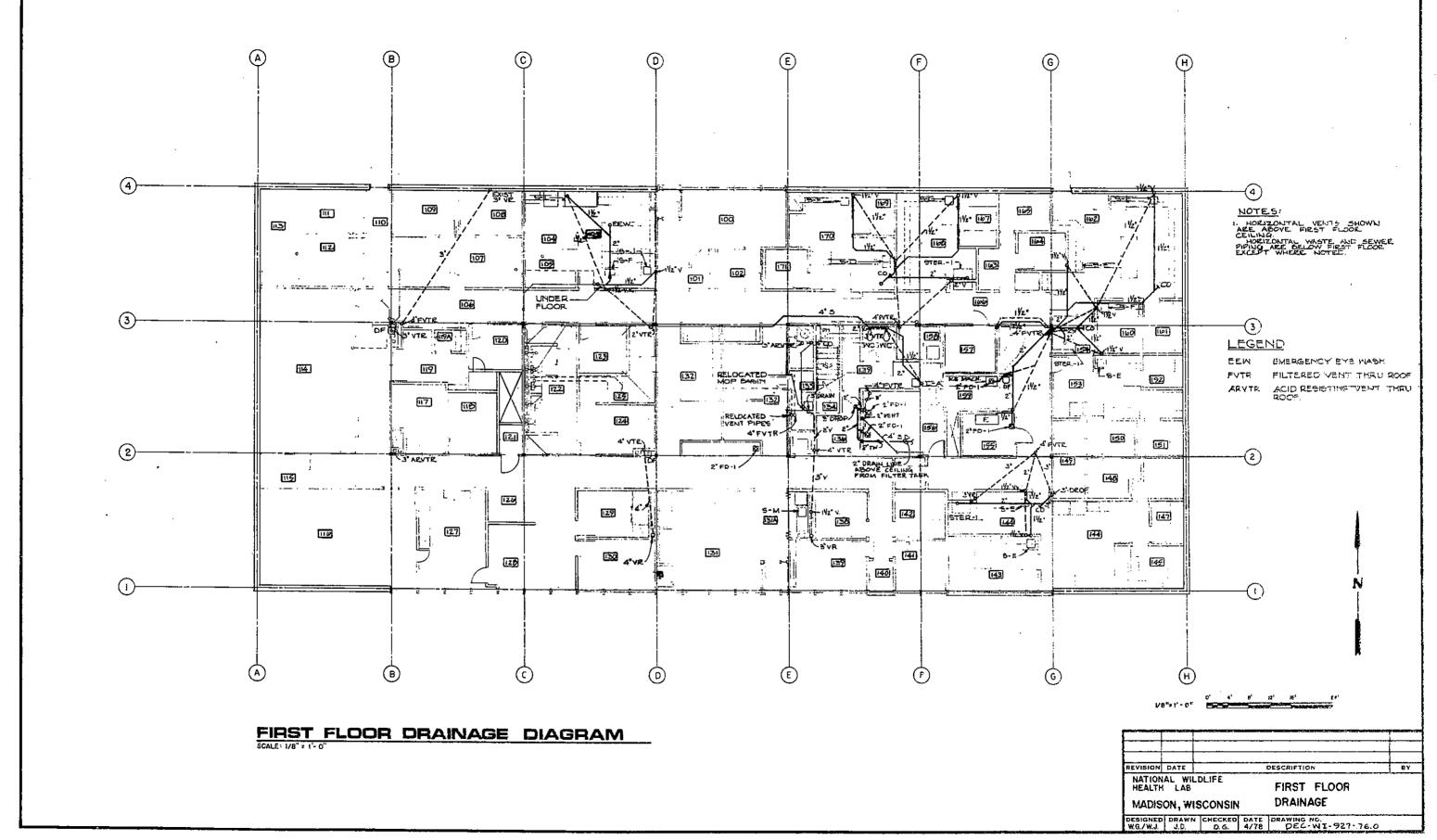
SHEET M.19 OF 44

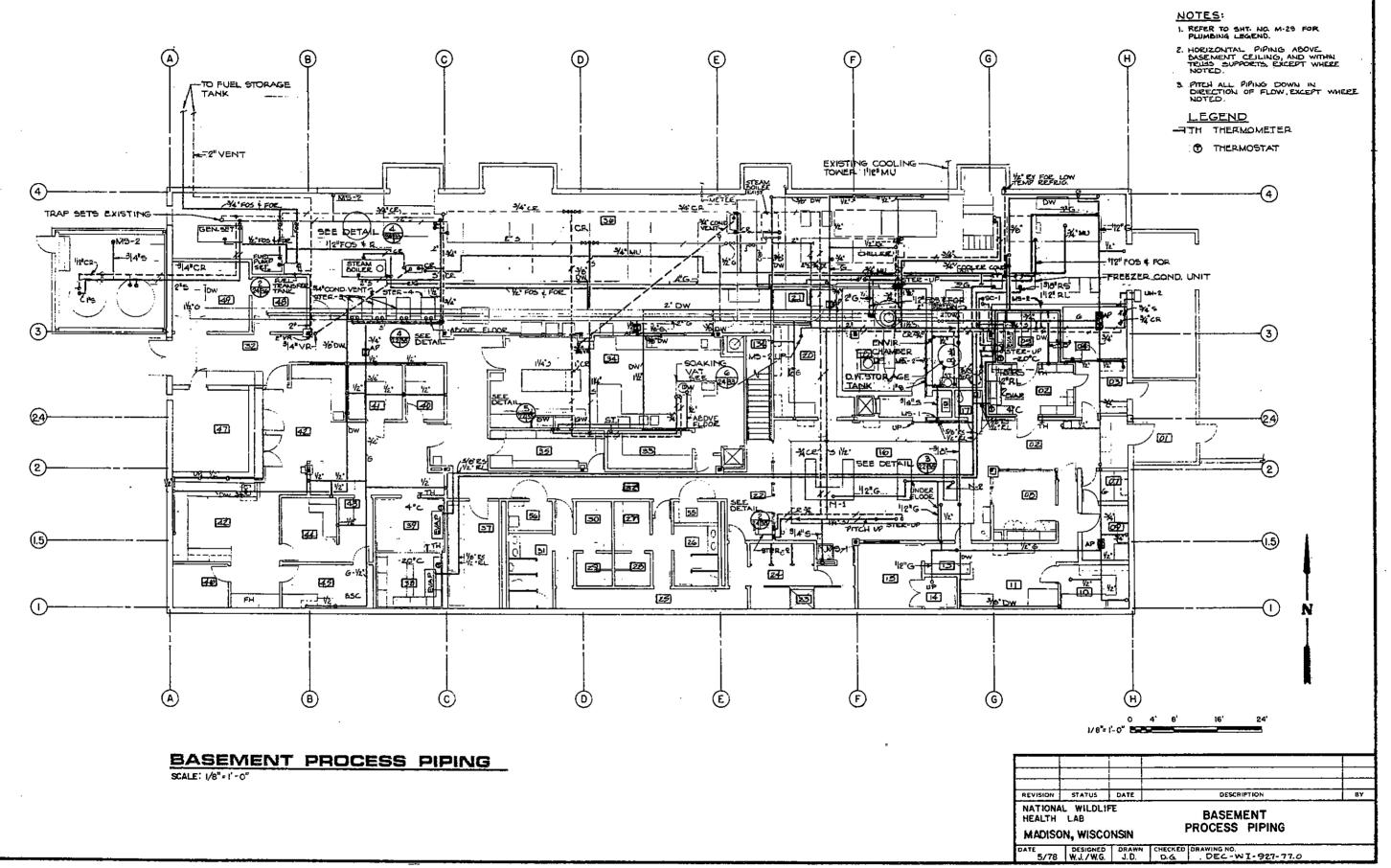


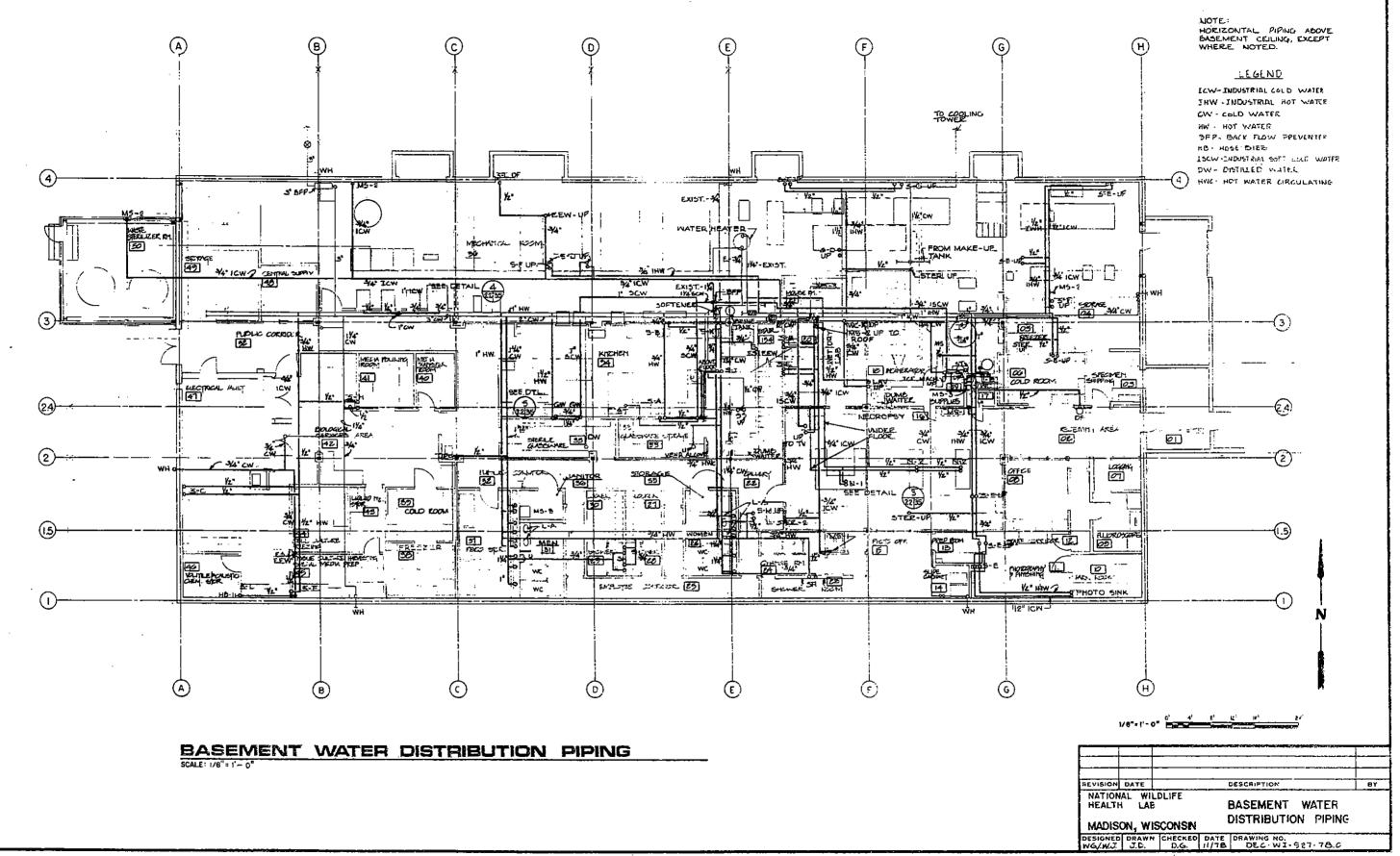


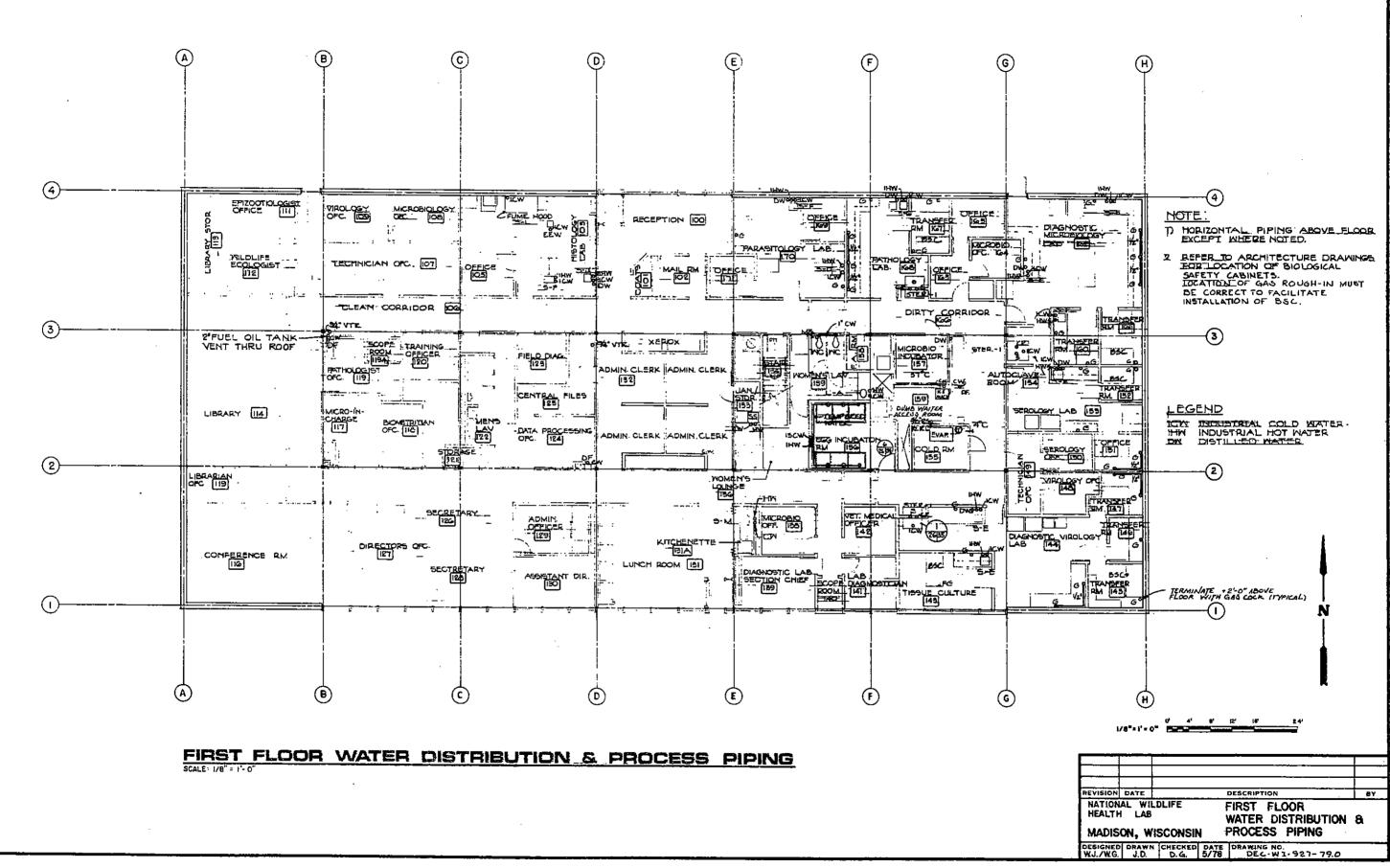
SHEET MILL OF 44

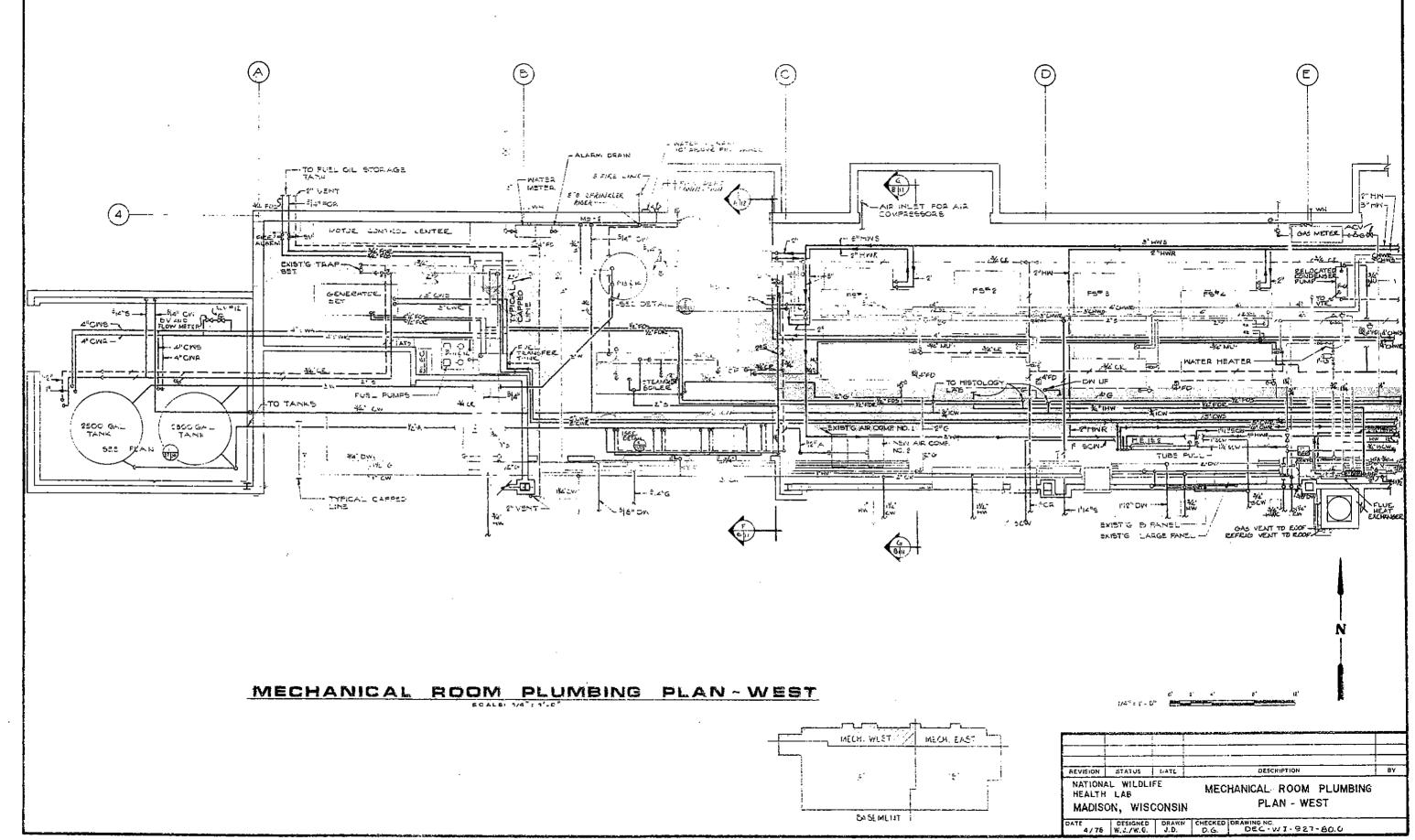


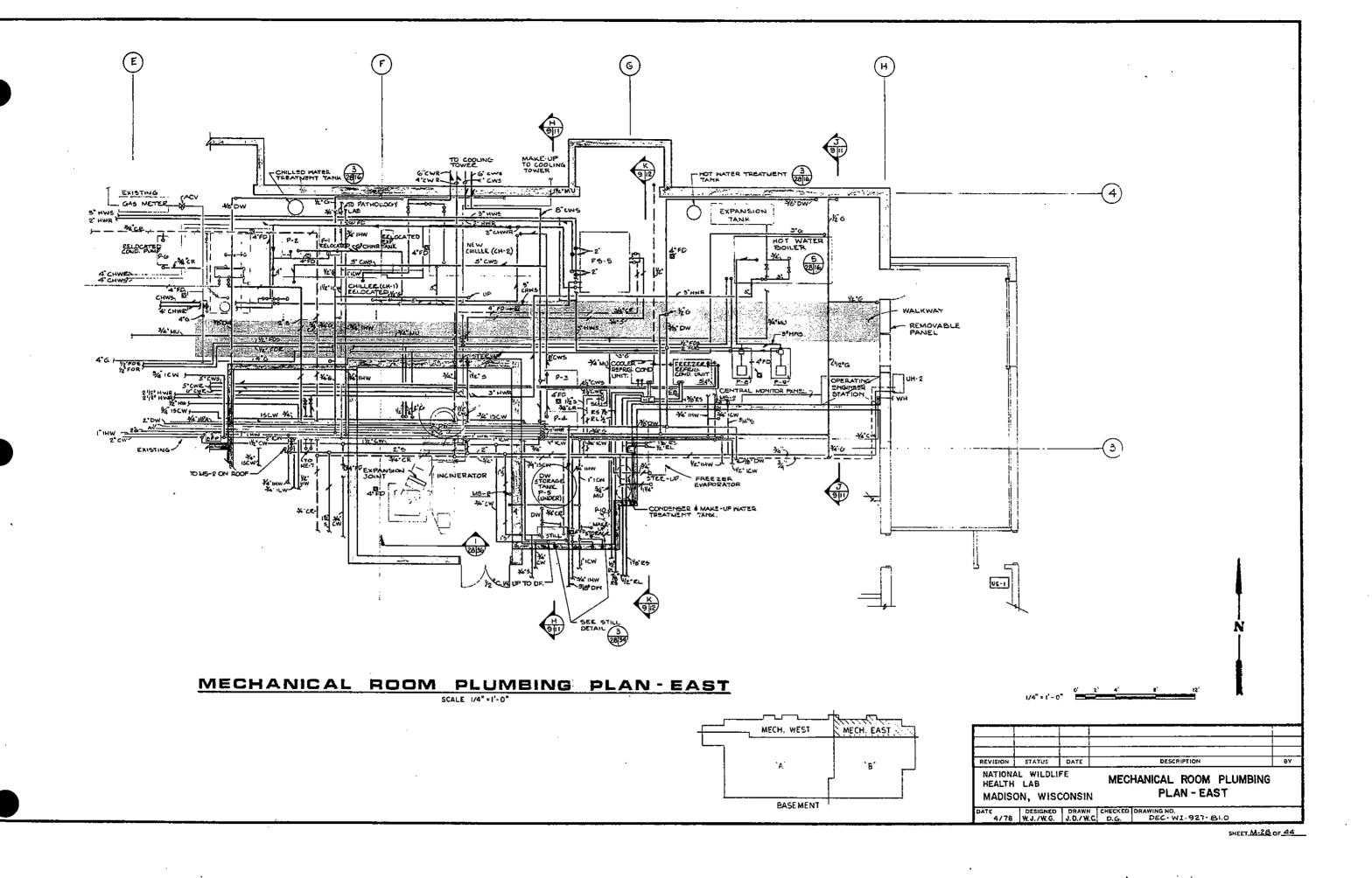


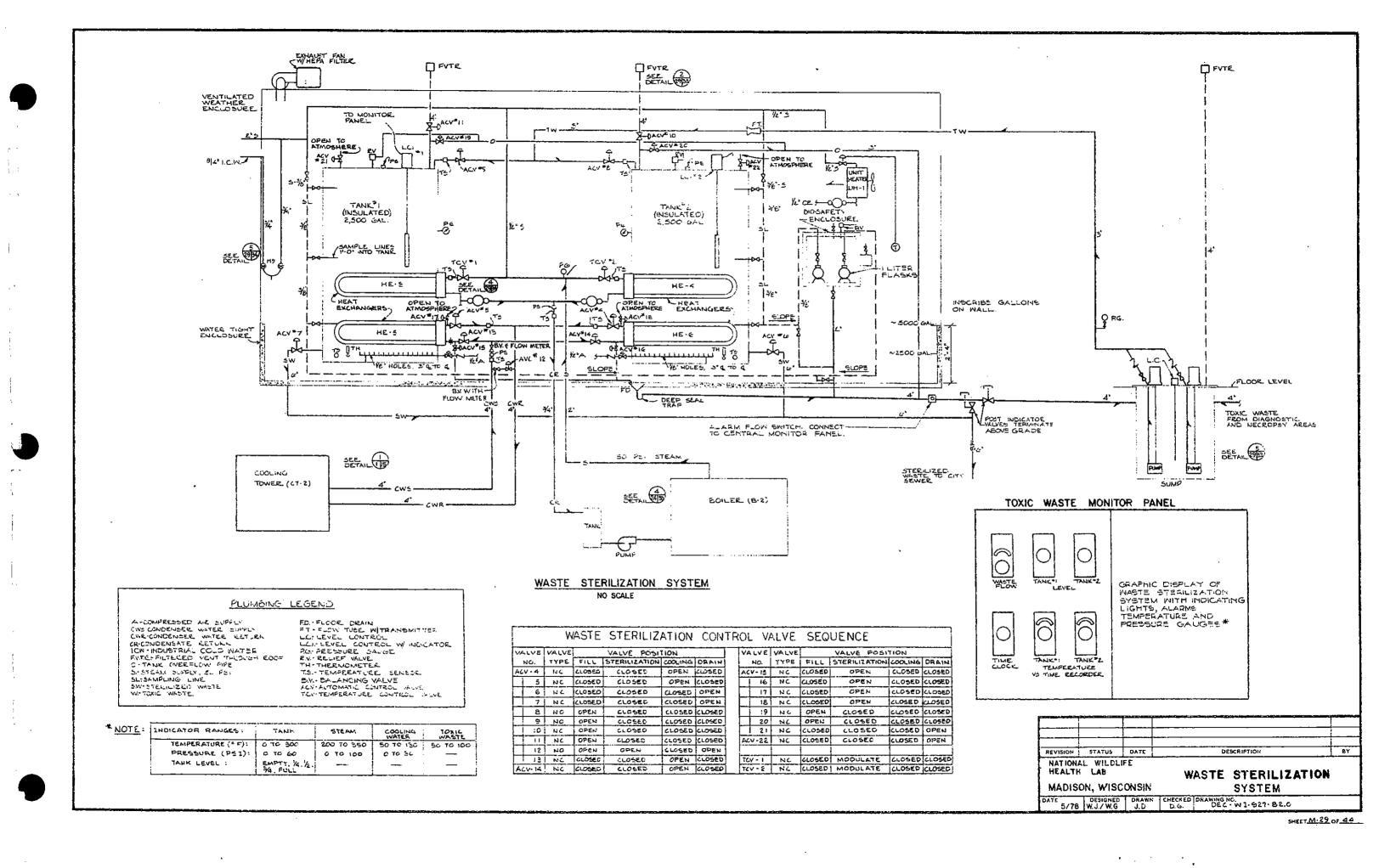


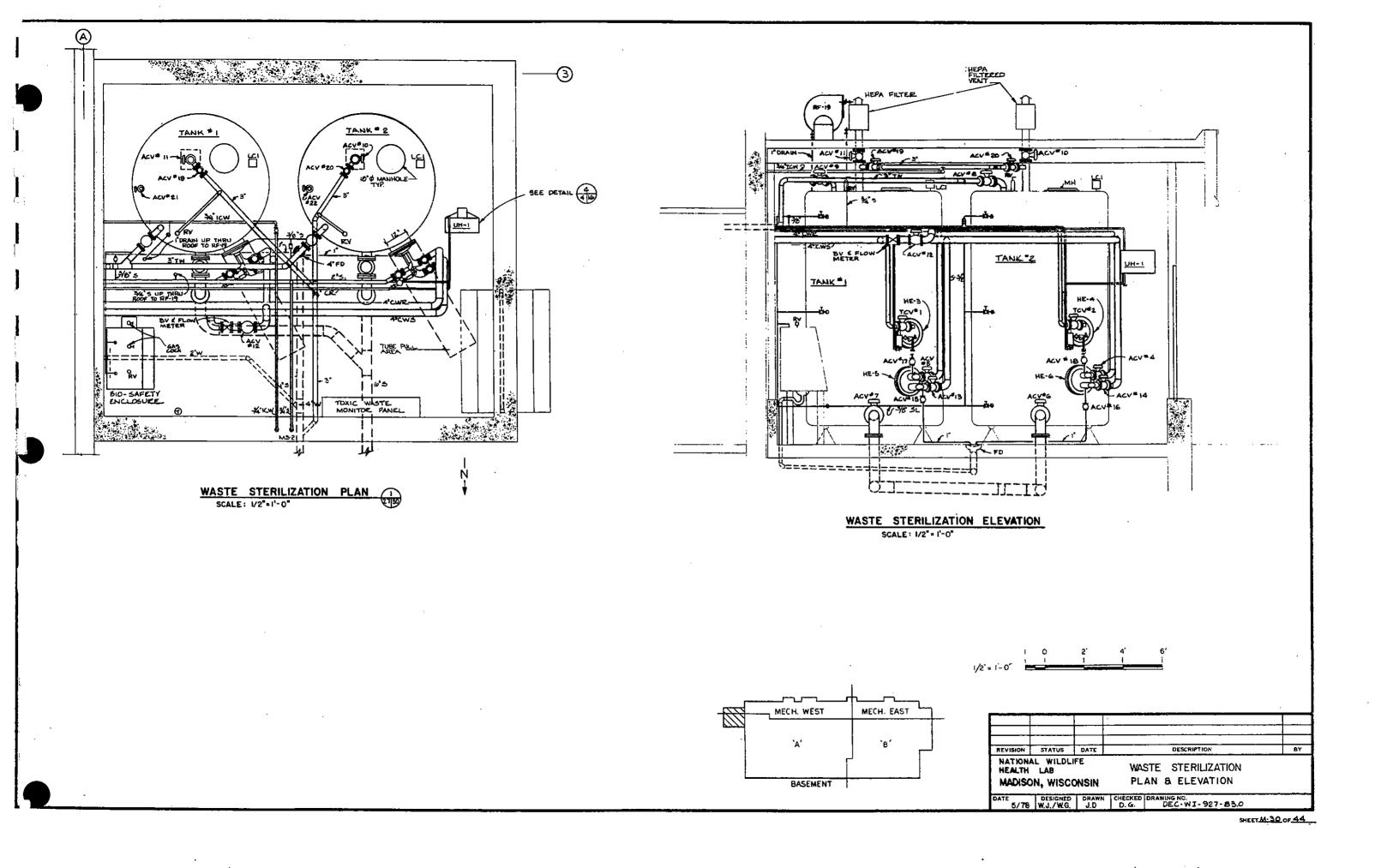


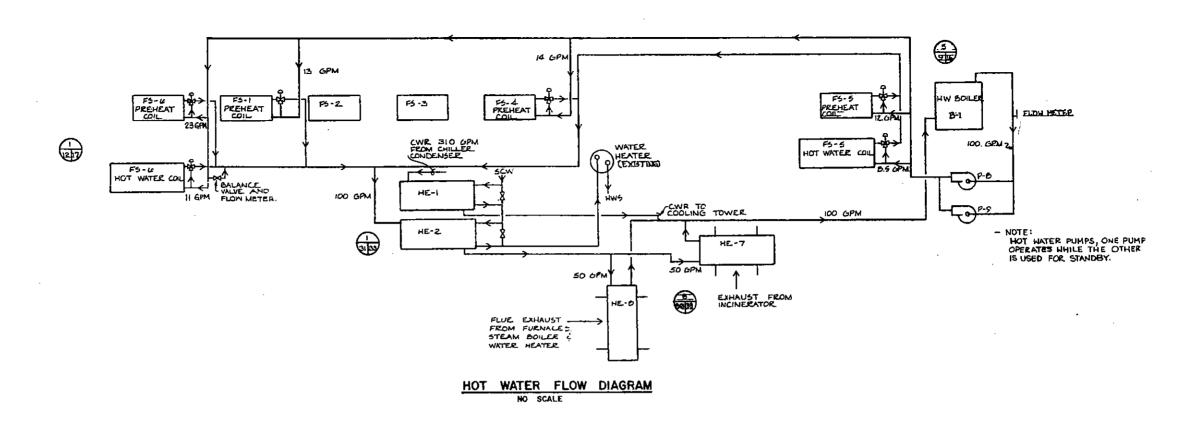


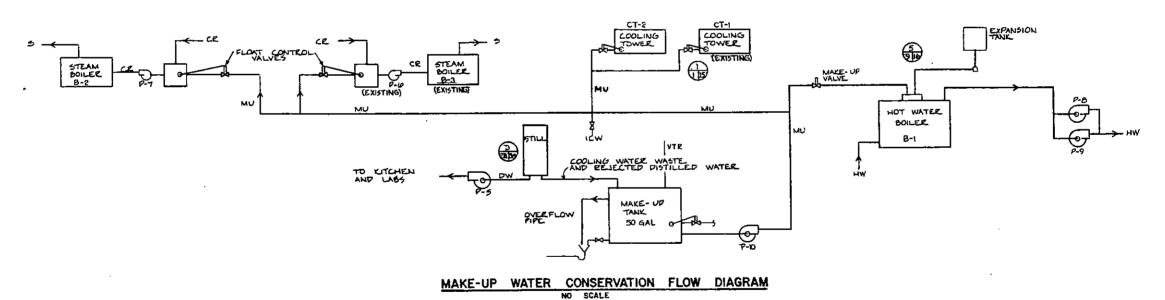


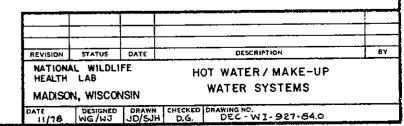


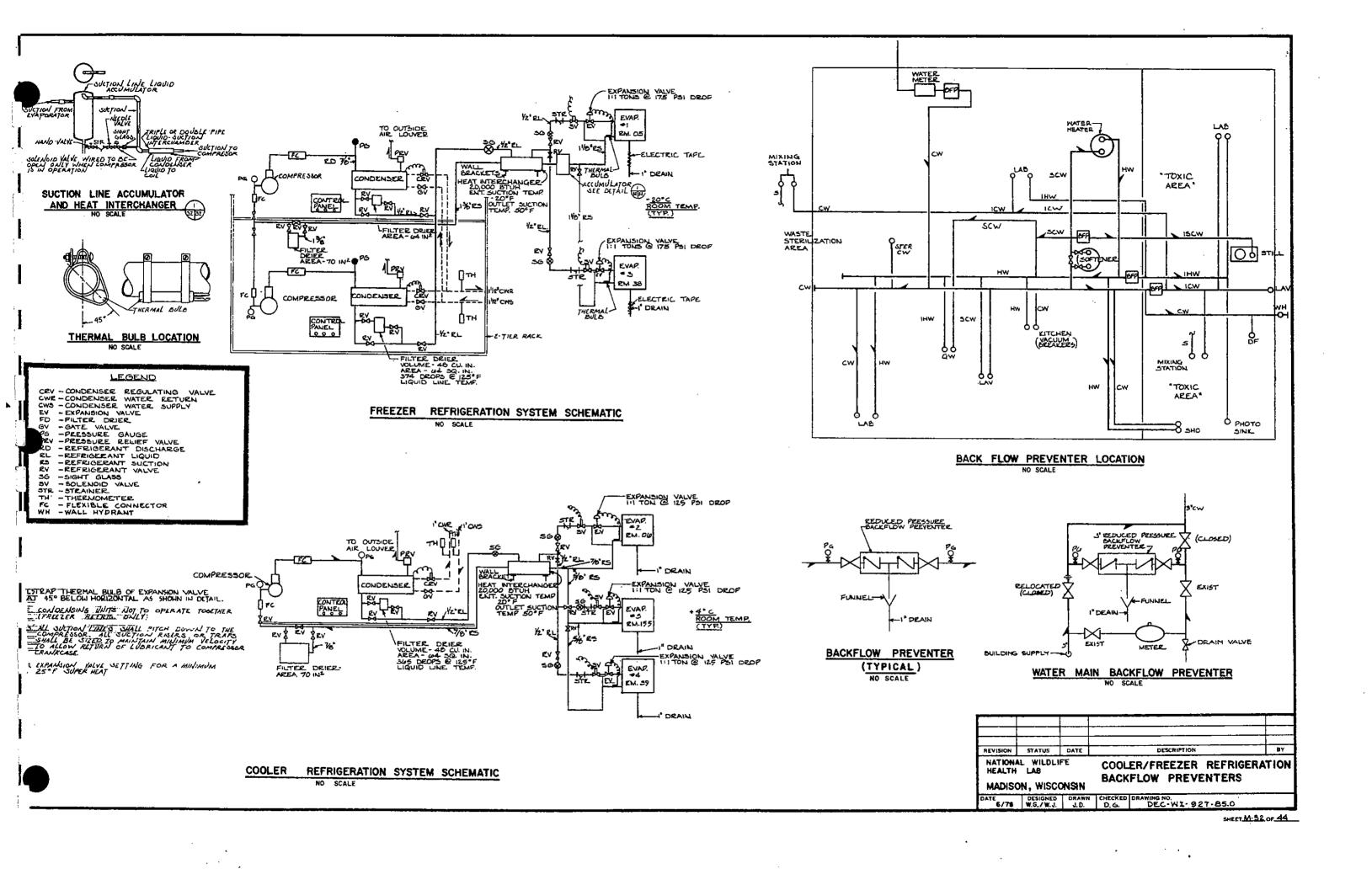


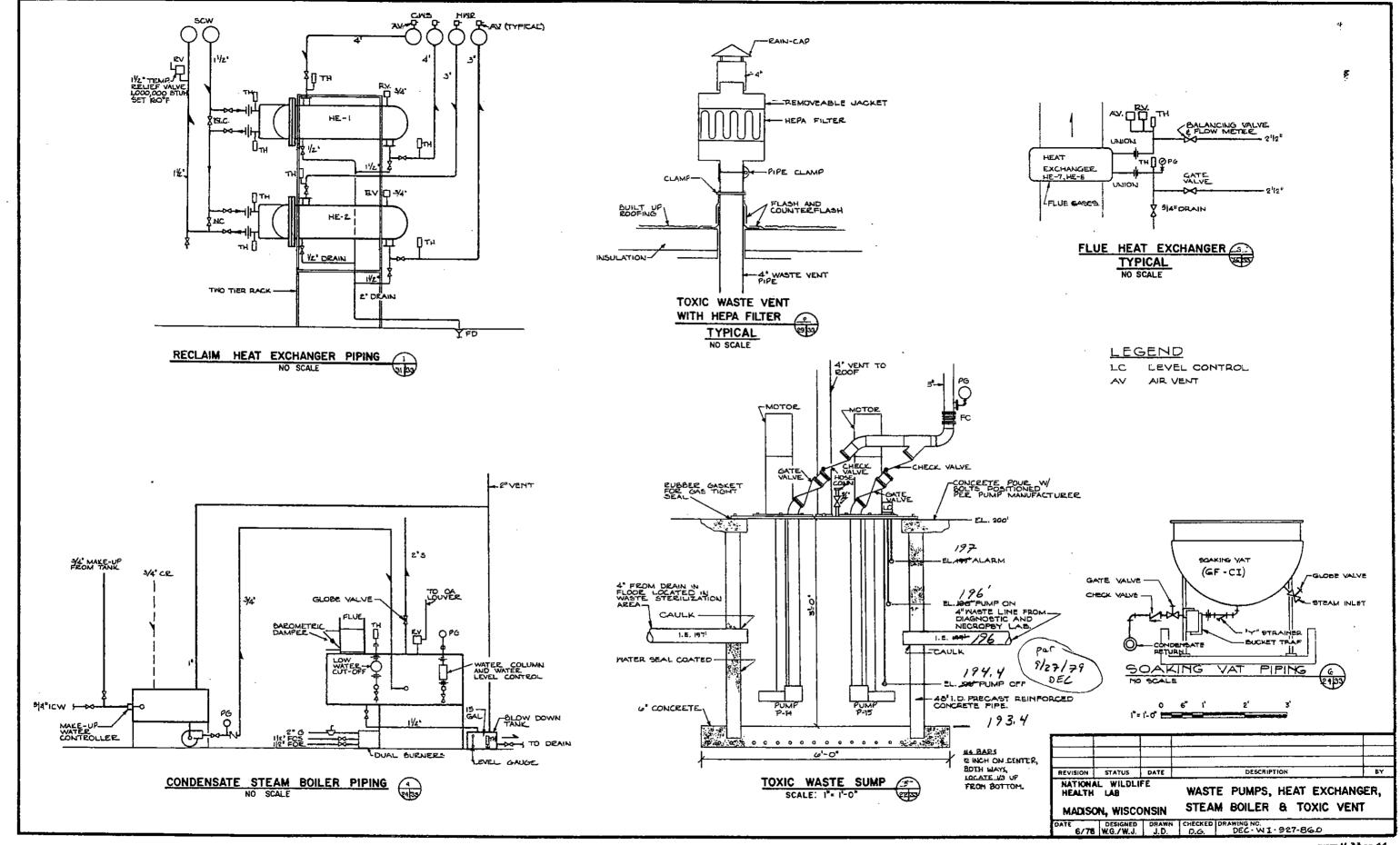


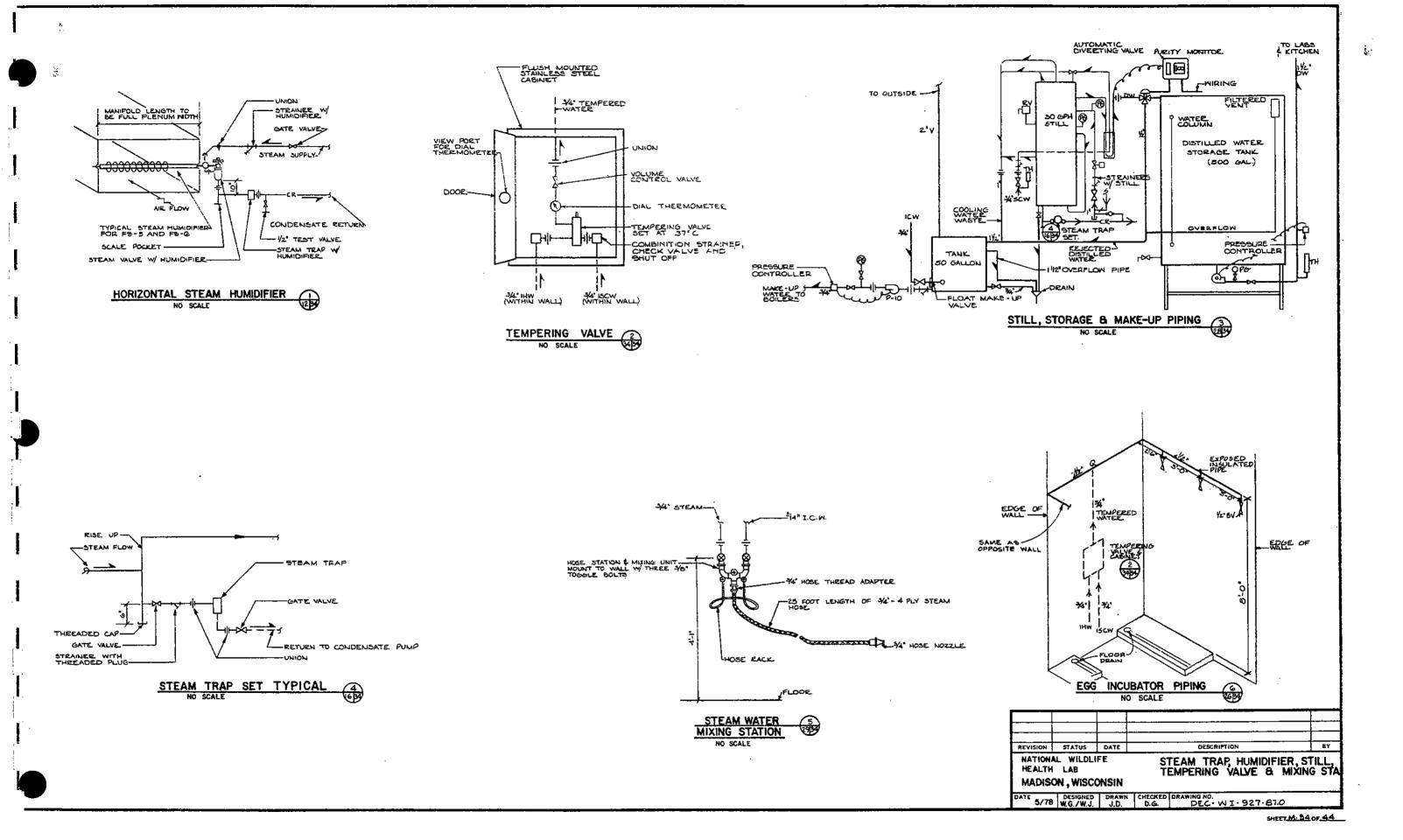


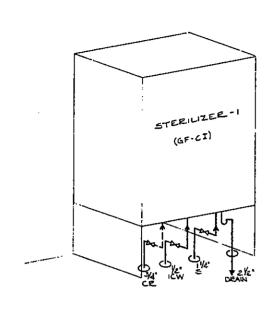




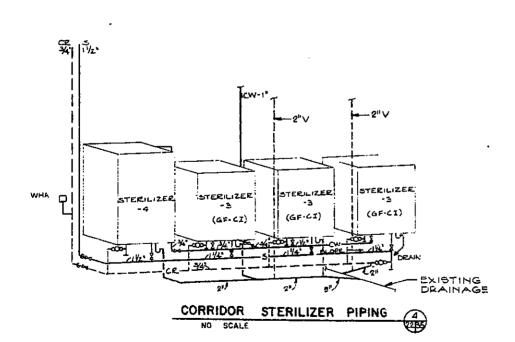


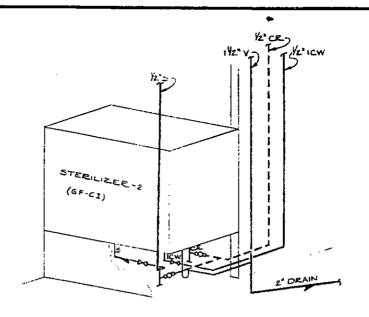




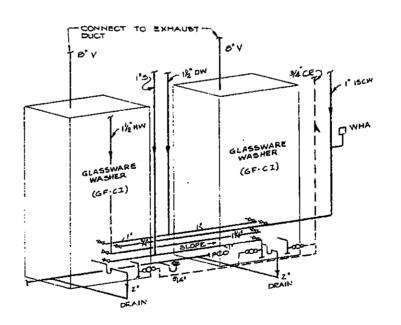


DIAGNOSTIC LAB STERILIZER PIPING TYPICAL

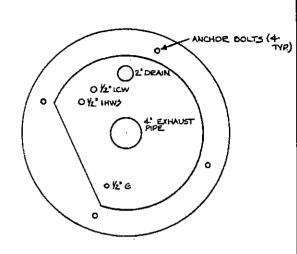




NECROPSY STERILIZER PIPING
NO SCALE



GLASSWARE WASHER PIPING 5
NO SCALE



NECROPSY TABLE PIPING ROUGH IN TYPICAL

2" • 1" - 0"

L E G E N D

OOO STEAM TRAP SET

WHA WATER HAMMER ARRESTOR

CR CONDENSATE RETURN

ISCW INDUSTRIAL SOFT COLD

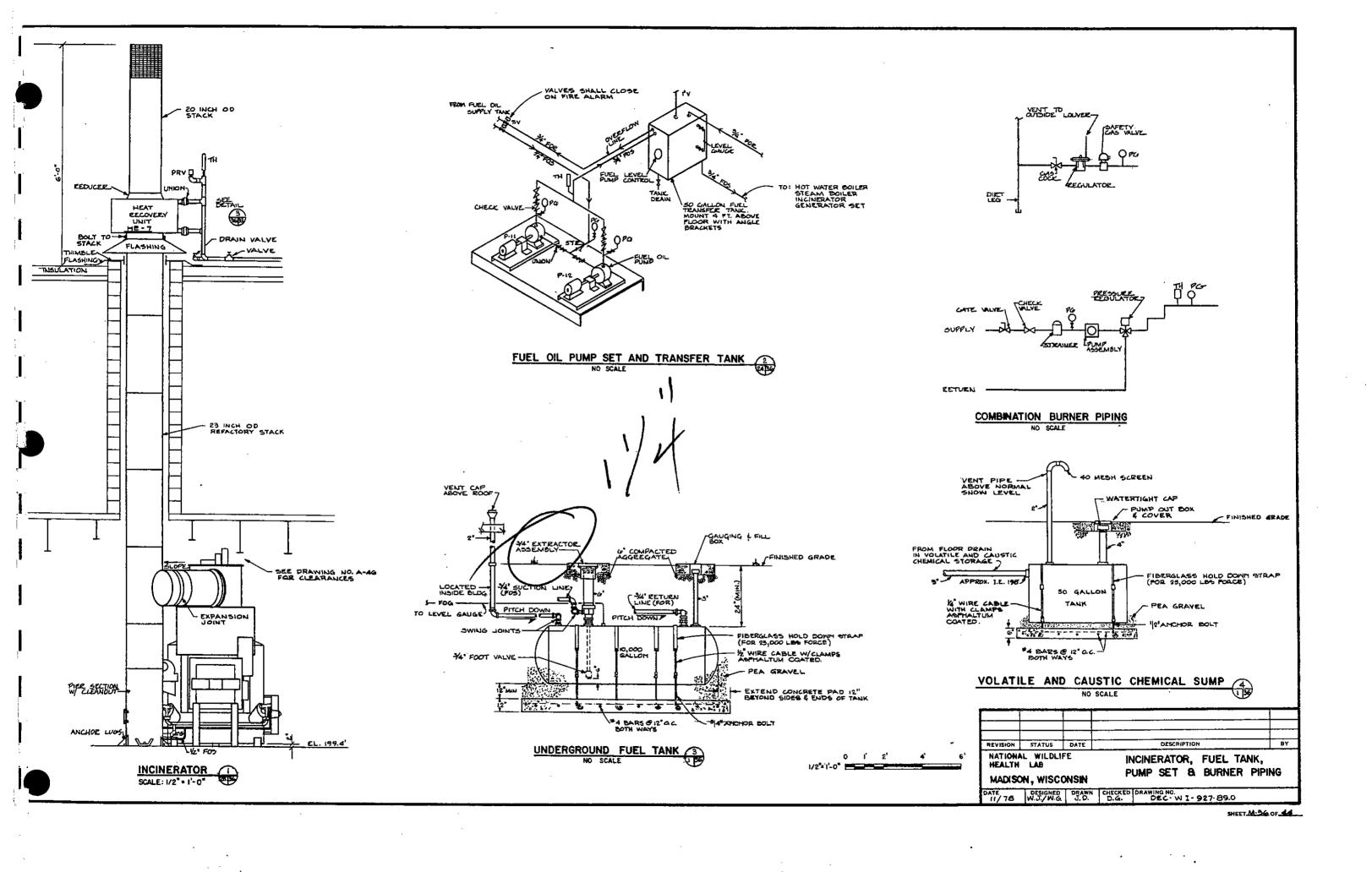
WATER

2"= 1' - 0" C E' 1' 1-E

REVISION STATUS DATE DESCRIPTION BY

NATIONAL WILDLIFE
HEALTH LAB STERILIZERS, WASHERS
MADISON, WISCONSIN & NECROPSY TABLES

DATE S/78 WG/WJ J.D. D.G. DEC.W1-927-88.0



	NEW FA	N S	CHEDL)LF								
<u> </u>												
EF	CFM	1, C	FAM BY	BHP	HP	FPM -	TYPE	WIDE.	PEMARKS .	FATES	SUBSE EANGE	AIR FILTE U
 	245/222			!	-	<u> </u>	<u> </u>					1
EE-1	1945/970	3.5	Z000	1-6	2	1500	15 BISW	190	AUTO WIESTE HIGH SPD. ON DAY CYCLE. LOW SPD. ON MIGHT VYCE P. HESA FILTERS AT OUTLET. SCHILL INCLUDE HOOM EMANOS / HEPA FILTERS AT COTLET	2	0-40	0-4.0
RF-2	1110/559	3.5	Z500	1	1 .	1300	BELT DEVE	~~			0-40	0-4.0
<u>₹</u> F-3	י750/615	1/2	880	.24	1/2	1100	DELT DEWE	_~	CYCLE WIPS EL SCH. SM.	\Box	0-1.0	
RF-4	4005/2400	3.5	1414	3.9	5	1700	BELL DRIVE	440	SAME AS EF-1 SCH/ SIL)		0-4-0	0-4.0
RF-5	1118/559	3.5	2500	-	-	1300	BELLI DELVE.	140	SAME AS EF-1 SCH VII		0-4.0	0.4
RF-6	1100/550	3.5	2500	1	1	1300	BELT DRIVE	140	AUTO WIFE 44. HIGH 300 ON DAY EVELE LEW SPEC ON	┝┿╾	0740	0-4
RF7	2190/1095	4.0	1982	2.2	3	1400	BELT DEWE	230	MIGHT CYCLE HERA PLITERS ON OUTLET POWER	2	0-5.0	0-5
RF-6	2365/1180	4.0	Z000	2.3	3	1500	BELT DEVE	230	SAME AS RE-E CONNECT TO EMERGENCY POWER	2		
RF-9	1975/840	40	2405	1.0	ΙŽ	1600	PETL DEME	100	SAME AS RE- CONNECT TO EMERGENCY POWER		0-5.0	0-5
RF-10	4130/2009	3:5	1590	31/3	15	1800	BELT DRIVE		SCH. V	2	0-50	0-5
25-11			 -	 	 -		TO PIDM	 	SCHIT		0-4.0	<u> </u>
2F-12	2700/1350	174	960	.6		12.00	BECT DEWE			\Box		1
2F-13	400/200	y _z	1000	1:5-	1/0		BELT DEW	250	AUTO WIFS & HIGH SPD ON DAY CYCLE. LOW SPD ON SPD ON		0-z0	<u> </u>
2F-14	1505	11/4				900	BELT DRIVE	140	SANCETES CONSTRUCTION FIGH SPO. ON DAY CHELE LOW		0-1-0	
—		174	1153	Yz.	¥2_	1000	Iła Ki≦₩				0-20	}
PF-15	1250	ŀ⊹ —	юю	1.3	₹5	800	BELT DRIVE I'V BISW		SCH VI		0-2-0	
RF-16		4.0	2460	1.10	2	1600	BELT JAIVE		SAME AS RE-G. CONNECT TO EMERGENCY POWER	2	0-50	0-5
P.F-17	1118/559	35	Z500	<u> </u>	1	1300	BELT DEIVE	440	SANE AS EST-U	-	0-40	0-4
PF-10	3600/1600	1/4	624	70.	34	1500	ZELT DEIVE	140	SCH VII		0-1.0	
RE-19	1100/550	3.5	2500	.39	*	1200	DELT DRIVE	440	TONIC WASTE TANK ROOM EXHAUST	-	0-40	0-4
	<u>i </u>	1	L	1								
											-	
WF-I	izoo	-3/B°	1725	.14-	76		DIRECT DEN	H	INCINERATOR ROOM SUPPLY SON I			
WF-2	3900/1950	3/9	1160	.51	1/2		SIELL NIE	 	MECHANICAL EDOM EXHAUST SZHII	┝╼┥	<u> </u>	
WF-3	3900/1950	Ye.	1160	.51	1/2		OREC: NERE	-	MECHANICAL BOOM EXHAUST SCH I	\vdash	<u></u>	ļ
	1	 		 -	Н		WALL VITO	\vdash		\vdash	 	├
			·						<u> </u>	. 1	1	ł

HOTE:

ALL UNUSED PEMETRATIONS SHALL BE COVERED

	EXISTING		EXIST SP.	NEW 5.P	DEIVE.	TYPE WHEEL	ACTANG EMENT	H.	REMARKS	DIFF. PRES
IJ-I									HAS BEEN REMOVED	
U-2		-		_	1				HAS BEEN REMOVED	
وس				-	П				HAS BEEN REMOVED	
U-4-	2439/1219	10000	¥.	1/2		FC		V 3	RELOCATE TO PRESENT POSITION OF U-7 ON OFF SWITCH IN COMP. RM. SCHOOL	0-1.0
U-5	663	೨∞	1/4	3/6	П	1	П	1/10	ADJUST TO THIS CEM & S.P. ON/OFF W/LIGHTS IN RM. 122. SCH. WIT	0-1.0
U-10				-	П			1/4	TO BE REMOVED SCH 1	\vdash
U-7					П			_	TO BE REPLACED W/U-4 SCH I	
U-6	Z410	2416	٧ç	1/4	П			V4	TO BE RELOCATED TO PRESSURIZED STAIRWELL IN CASE OF FIRE SCHIL	0-1.0
U- 9	2416	²⁴ 00/200	44	Y 4	П			Y4	TO BE CONTROLLED BY OA. TEMP	0-1
מו-ת	420	400	V 4	1/2		П		1/10	TO BE RELOCATED. CYCLE W/F5 *0	0-1.0
U-11	460	200	1/4	Yz.		П		1/10	CYCLE W/PS #3 SCH. VI	0-1-0
U-12.		_		1		П		1/10	TO BE REMOVED SCHI	
U-13	1720	1150	1/4	1/2_				Yu	CONNECTED TO U-4. CHANGE TO THIS SP AND CFM SCH. Y	0-1.0
44-ئ	1720	1150	¼	Yz.	Ţ	T.	¥	46	CONNECTED TO U-13. CHANGE TO THIS. SP AND CFM SCH. Y	0-1.0
				ı	l	ł	i	•		

	COOLIN	10 T	OWE	2 5	CHEL							······	
UNIT NO.	NOM REFRIG			ATA P OF	DE	DOOR.	700	OE 120	ESIGN.	PAR: HEATER		REMARKS	
	T045	GPM	ENT	LVC	DB(°F)	WB(°F)	RPM	HP	كاحت	KW			
CT-I	. BC	240	95	05	60	75	ספרו	3	206/3	3(124)	£XIST.	RELOCATED	SCH.IX
CT-2	127	360	95	65	80	75	1750	5	200/3	3			9CH. I X

NIT	LCCATION	MBH	AIR.	DATA		STEA	M DATA	М	OTOE,	DATA		REMARKS
			CFM.	EXIT	LVG.	LEG/18	吸红	HP	RPM	NY CF	VOU.	SCH, I
2H-1	TOXIC WASTE	14	224	60	110	14	40 PSI	Y25	∞	-	115/1	SCH. I
	HER ENTRANCE	14	224	60	118	14	40 (%)	1/25	800		119/,	SCH: I

LOCATION		OUTDOOR	'	FAN	DATA	•		мото	R DATA	REMARYS	DEE	
	1		5.P	W.	LPM MAX.	внр	FAN TYPE	нР	νο ι τ/φ		1-78	15075
MER		6405	21/2				_	5	208/3	NEW BLOWER ON EXIST, FURNACE	a=3	Ω-2
MER		::40	٤	1000	-	3.5		5	206/3	EXIST: MODIFY AS NECESSARY	DES	D-2
MER	1687	1410	e_	950	-	2.0		3	206/3	EXIST: MODIFY AS NECESSARY	n 3	D-2
MEE		BO50	2/2	2100	980	499	FC	45	208/3	NEW BLOWER ON EXIST. FURNACE	D-3:	D٠٤
NEE	1 / 1	600	د	1790	1130	5.5	FC	71/2	200/3	SCH. I	O:3₽	5-C
MER	10400	10,400	3	1503	1250	9.6	FC	IØ.	206/3	SCH. I	ρ-∔	0-2
	MER MER MER MER MER	MER 19485/ MER 19540/ MER 19540/ MER 1959/ MER 19059/ MER 19059/ MER 19059/ MER 19059/	MER 10407 10407 MER 10549 1140 MER 2059 1410 MER 2009 8050 MER 10400 10,400	MER 10407 1140 & MER 10407 10400 3	MER 10485 6485 2.1/2 1940 MER 10540 1140 2 1000 MER 2570 1410 2 950 MER 2570 1410 2 950 MER 2000 8050 2.1/2 2100 MER 10400 10,400 3 1563	MER 10485 1410 2 1000 MER 2579 1410 2 1000 MER 2579 1410 2 1000 MER 2599 1410 2 200 960 MER 2599 6050 2 1/2 2100 960 MER 10480 10,400 3 1563 1250	MER 10400 10.400 3 1503 1250 9.60	S.P MAX S.P MAX S.P MAX S.P MAX MAX MAX TYPE MAX MAX MAX MAX S.P MAX	SP MAX EPM 6HP FAN HP MAX	MER 10405 1410 2 950 - 2.0 3 206/3 MER 1059 1610 2 1/2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	S.P MAX S.P S.P	S.P MAX SP MAX SP MAX SP SP SP SP SP SP SP S

	ELECTRIC U	NIT	HEATE	R SCHEDUL	E						
UNIT #	LOCATION	KW	PHASE	амр/рназе	VOLTS		CFM		FT.	°F AR RISE	remarks
UE-1	ENTRANCE TO NECROPSY	2	ł	9 .8	208	1100	240	1/50	15	26	MOUNT NEAR CEILING SCH, I

IC IC	SYSTEM SERVED	СРМ		FLUID	EPM	ВНР	HOTOR		TYPE.	% EFF. (HIN)	NP5H (F+)	PEMARKS	
-1	CHILLED WATER	188	32′				3		UNIVERSAL			EXISTING RELOCATED	9CH.]
²-2	CHILLED	220	¢5¹		1750	د.ک	71/2		END SUCTION .	75	11/2		SCH. IX
² -3	CONDENSER WATER	240	.38′				5		UNIVERSAL			EXISTING RELOCATED.	90H I
2-4	CONDENSER WATER	400	60'		1750	7.6	71/2		END SUCTION CLOSE COUPLED	. ÓI	3		90H- ™
P:5	DISTILLED WATER.	15	22 PSI 1 PSIG				1/2_					STAINLESS STEEL	~ CH. I
P-6	CONDENSATE		125751				¥2_	L,				EXATING RELOCATED	эсн. І
2.7.	CONDENSATE	33					1/2_						SCH Y
9-€	HOT WATER	100	501	200	1750	1.7	2		END SUCTION CLOSE COUPLED	72	2	DUPLEX W/P-9	SCH I
P-9	HOT WATER_	ιœ	501	200	1750	1.7	2		END SUCTION (LOSE COUPLED	72.	2	DUPLEX W/P-E	66H I
P-10	BOILEEL MAKE-UP	5	17'		1750		Y0		IN-LINE				SCH I
P-11	FUEL OIL	11/2	50°-P31		1800		∀ 4		DIRECT DRIVE BASE MOUNTED			DUPLEX W/P-12	5CH 1₹
P-12	FUEL OIL	11/2	_{ජව} ්ල		1600		<i>Y</i> 4		FLEXIBLE COUPLING			DUPLEX W/P-II	SCH TA
P-13	DOMESTIC HOT HOO CIRC		7.5		1750		1/6					EXISTING	
P-14	TOXIC WASTE	L	17.3		1750		٧Ł		NON-CLOG SEWAGE PUMP			DUPLEX W/P-15	ecH I
P-15	TOXIC WASTE	.50	17.5	_	1750		1/2		NON-CLOG SEWAGE PUMP			DUPLEX W/P-14	€СН I

REVISION STATUS DATE DESCRIPTION BY
NATIONAL WILDLIFE SOURCEST SCHEDULES

NATIONAL WILDLIFE HEALTH LAR MADISON, WISCONSIN

EQUIPMENT SCHEDULES FANS, PUMPS, UH, & TOWER

ATE 8/78 DESIGNED DRAWN CHECKED DRAWING NO.

T.P. J.D. W.A. DEC-WI-927-90.0

SHEET M. 37 OF 44

COOLIN	G COIL SC	HEDUL	E (CH	ILLED 1	WAT	ER)					_							ı
COTL. NO.	EQUIPMENT OR SYSTEM SERVED		TOTAL CFM	MAX. FACE VEL. (FPA)	ĒΝ	T. F	LV DB	y of Wo	MAX.	TOTAL GPM	TEX	109	MAY.		CIN'S PIZ	NOMINAL SIZE	REMARKS	
CC-46	F5-4	309	9050	490***	74	דט	25	5 4. 5	ం.అక	Ŀβ	42	51	44	4	160	33 x72	INSTALL IN SERIES W	9CH.∑
CC-5	F5·5	290	4070			L		539		64	42	51	3.2	4	10	33x51	ech I	
CC-6	F5-70	415	6000	400	00	75	55	54.0	0.60	73	42	53	5.7	4	10	30x7Z_	. SCH.I	
				Ĺ	L		L					L.						
														<u> </u>				

COIL	G COIL SCH				DATA			F WAT	FP	DAT	A	מועורועו	HIAICC	OIL DATA		[
NO.	DE SYSTEM SERVED	мвн	TOTAL CFM	MAX.FACE VEL.(FPH	ENT °F DB WB	LVG °F	MAY ED	TOTAL	TEL	109	MAX	Phws	FINIS PER	NOMINAL SIZE		
РН-;	1 75 -7	320	<u>.500</u>	400	5	40	0.22	13	180	20	0.4	2	10		SIZE TO FIT EXIST.	5CH.3
PH-4	F5-4-	400	2050	490	-5	40	0.25	14	100	125,	0.4	2	10	16.4 SF	SIZE TO FIT EXIST.	9CH.3
PH-5	F5-5	297	6000	460	-5	40	C.£I	12	180	130	O.J	2	15	33.x57	édi1	}
PH-6	F5-6	507	10,400	625	-5	40	C.36	23	150	136	1.5	2	10 .	24×100	SCH. I	1
H-5	F5-3	221	5100	850	40	60	0.63	6.5	160	130	0.3	٤	5	16×45	SCH. I	
H-0	F5-6	287	6600	#25	40	60	0.39	1,1	180	126	1.6	2	12	10×84	ech I	1
														:		1

RETURN	AIR GRIL	LES			
GRILLE	NECK.		MAX	PS-1	MAX
DESIGNATION	SIZE .	סטכדי	NO DIKTS	DUCTS	NO DUCTS
Α	<i>ω</i> x ω	30	2.5	4 .	.03
В	9 x 6				
ζ.	9×9				
D	12 x to				
E	12.79				
F	12 x 12		1		1.
. 6	15×9				
н	15 x 12				
l I	15 x 15		1		
	1619			\neg	
K	BAB				
L_	2119				
М	21 1 12				
N	21 1 15				
0	21 X 21				
P	24124		*	*	¥
		L			

BOILER		ILE							 -												
	LOCATION	SERVICE		OUTPUT	TOTAL HEAT SURFACE GRESIDE SOPT	NOLUME!	17455		IOUTLET	EFF'CY AT KATED (LOAD(%)	1286.45	I APM	T WAT	TEM	ATA OF LVG	FUEL GRADE	TYPE.	GAS IN- LET PRES (IN W.G.)	DATA .	BOILER TYPE	remarks
B-1"	MEE.	HOT WATER HEAT SYSTEM	70	ZD37	350	≾ω0 GAL	3	100	I4'XD".	97		100	-	0گ	160	NO.2				FIEE.	SCH. I
B-2	۱	PROCESS STEAM		552	153	14.7	_	150	12.	80	50	-	-	-	-	NO.2	NAT.	7	115-	FIRE TUBE	9 CH. ▼
6-3	MER	PROCESS STEAM	16.5	552	153	14.7	L	150	12.	60	50						NAT. GAS	7		FIRE TUBE	EXISTING
	<u>L</u>		1	1	l '		ı	ł	ı]							"			

HEAT	EXCHANG	ER SCHEDULE		•								_														ì
			-				.5 N	ŒĽL.	SIDE	TIA	n :			1	•			TUBE	≲117	DA	JA_					i
NO.	LOCATION		мвн	MAX. LENGTH (FT.)						≸&£	FOUL: ING FACTOR	PPF45	22 F 44	IA DE	FLOW RATE GPM	TEM EUT	WO	P.D.	VEL.	OF I	FOUL- ING FACTOR	PEF45	PEF46	TEMP	renarks	1
eei :	•	ENERGY REZOVERY PREMEAT DISTRICT BUTTON HOT WATER	•	L	WATER	GPM	1	!		4	.00≀	50	300	WATER	30	50	æ	1	.74	4	.001	175	250	1	IN CONDENSER	SCH. VIII
HE-Z	MER	EVERGY ELONES	750	1_	WATER	GPM.	l i			1 1	11	<u>. </u>	1		30	60	10	1.5	2.5	4	.001.	150	300	=	IN HOT WATER LINE (SPACE HEATING)	ec∺ 200
	50	WASTE STERILIZ- ATION (HEATING)		L Č	1	6PH	160°F	2201	234	ı — i	.001	150	Ι	STEAM	40 P516	-	=	-		Z	1001	125	250	375	TANK HEAT EXCHANGER	SCH. I
HE-4	50	WASTE STERILIZ- ATION (HEATING)	l	L"		(HPI	6O°F	Z200 F	234	-	-001	150	-	STEAN		-	_	 - 		2	.001	125	250	375	TANK HEAT EXCHANGER	5CH. ▼
HE-5	50	WASTE STEELUZ- ATION (COOLING)	1.		WATER	JGРН)	Z207	ከውን	l	-	.001	150.	<u> </u>	WATE	188	85	75	'	-	2	2001	125	250	375	TANK HEAT EXCHANGER	SCH I
HE-0	60	WASTE STEPLILIZE		6	WATER	GPH!	260°F	100°F		~	.001	150	=	WATER	188	05	95	' '	-	Z	.DOI	125	250	373	TANK HEAT EXCHANGER	SCH 亚
HE-7		INCINERATOR			CA45	CAM	[1 –	.21	-		<u> </u>	WATE	50	125	143	1	_	Т-	.001	=			FOR 34" FLUE, 2" PASS.	स्था या
HE-PD	MER	ENERGY RECOVERY FURLECES, STEAM COULTE, HYD HEATER	12.3	- :	545	CEW CEW		195	=	, Z .	=	-	\Box	WATES	50	125	-		-	T	.001	=	-		FOR ZA FLUE, 2 PAGS 6 FINS/INCH	स्टभ ऋा
				ļ	↓	<u> </u>									1											1
					<u> </u>	<u>L</u>		L.			1]]			1							<u> </u>			1

STEA	TEAM HEATING COIL													
CCHF M2	EQMT SERVED	TOTAL MBH	TOTAL CFM	FACE	IR D	٩F	LVG *	F MAX	SIZE	Hª RONS	FINS PER INCH			 REMARKS
SC-I	WF-I	36,300	600	384	-5		50	0.03	PN-BT		33	0.001	50	SCH. I

CHILL	R SCHE	DULE]
TINU NO:	CAP,	FLOW 6PM	EVAPORA ENT. WATEL	TOR LV6. WATER TEMP. F.	MÁX. Rú fé	FLOW GP H	CONDE ENT. WATER TEMP. "E	NISER LW. WATER TEMP. 3	MAI.		ERANT	STEPS OF CAPACITY CONTROL	REMARKS	
CH-I	77.5	188	.52	42.	הסר:	Z# 0	65	795	::TZ:7	÷	17.0F12	7	EXIST. TO BE	 •c⊪ :
CH-2	94.8	228	52	. 42	כו	27.2	65	325	ъ.	204.5	22:	4	ech.IV]
											;]

SUPPLY AIR GRILLS GRILLE THROW

D E

Z AA BB CC DD EE FF

нн

NECK

2 9x9
2C 6xb
2C 9x9
2C 12x2
2C 21x21
2C 21x2
2C 21x2
3 6xb
3 9xb
3 9xb

12×12 15x15 16x16

21 X ZI

9×6 12 x & 12×9 15×9 15x1Z 2119

24124

Q 3L 19x15
E 35 9x6
5 35 12x6
T 35 12x9
U 35 15x12
V 4 6x6
W 4 9x9

4

MAX. P.D



		-		
REVISION	STATUS	DATE	DESCRIPTION	EV
HEALTH	LAB ON, WISC		EQUIPMENT SCHEDULES COILS, GRILLES, CHILLER &	
DATE 11/78	DESIGNED W.J./W.G.	J, D.	CHECKED DRAWING NO. D.G. DEC-WI-927-91.0	

SHEET M-38 OF 44

	ING FIXTURE SCHED								
FIXTURE	FIXTURE NAME		שולוולב	CON	VECTIO	ΝÇ .			
SYMBOL	PIXTORE NAME	WASTE	VENT	C.W.	H.W.	STEAM	WILET	D.W.	REMARKS
WC.	WATER CLOSET	4'	2°	}*:	_	_	+	-	
L-A	LAVATORY	1/4	1/2	₩.	-3/6*				
L-B	LAVATORY	1/4	172	-70"	₹0			_	
U	URINAL	Z'	1/2	3/4"		_		_	 -
5H	SHOWER.	21	1/2	1/2.	٧,	<u> </u>			 -
S-A<**S-K	LAB SINK	1/2	1/2"	V2."	1/z		_		
_5°L	CUP SINK	1/2	11/2"	1/4 *					IN FUME HOOD
5+M	LUNCH SINK	1/2	1/2	1/2:	1/2	_			IN FUNE HOOD
РН	PHOTOGRAPHY SINK	1	11/20	1/2.	¥2.			1/z•	
N	NECROPSY	1/2	1/2	1/2"	1/21	<u> </u>			
EEW	EMERGENCY EYE WAGH	1/2				 			
ES	EMERGENCY SHOWER	172	11/21	11/4"	_	-	i — 1	_	
EEW	EMERGENCY EYE WASH	1/2	1/2*	1/z*					
5 V	SOAKING VAT					-4		y ₂ .	STEAM HEATED
₽	TEMPERING VALVE	_	_	3/2	3/4"		-3/4"	<u></u>	0.04447 1104100
M5-142	MIXING STATION	_	_	-₹4*		3/4	7/4		
DF	DRINKING FOUNTAIN	14'	l\z*	70			'' -1		
8	DISTILLED WATER	_			_			1/4"	
мв	MOP BASIN	a'	2"				_		
M5.3	MIXING STATION	_	_	γ ₂ *	1/2		3/4"		

	TANK SCHEDULE							_
LOCATION	EQUIPMENT AND SYSTEM SERVED	FLUID	CAPACITY (GAL)	WORKING PRESS.	DIA. X	REMARKS		_
OUTSIDE	FUEL STORAGE		10,000		7-11 150'6		5CH.]	v
MER_ :	FUEL TRANSFER	NO.2 OIL	50				SCH 1	_
MER	CONDENSATE RECEIVER				Z 10 1 1	EXIST - RELOCATED		
	CONDENSATE RECEIVER		32		2 10 1 1	<u> </u>	SCH 2	_
OUTSIDE	VOLITILE & CAUSTIC CHEM.	CHEM.	50				PCH 1	
		WATER			6 35-0	VERTICAL TANK	€CH :	₽
MER	DISTILLED HOO STORAGE	D/51.H/0	500		1416-1	TOTAL TRACE	5CH :	÷
MER !	BLOW DOWN	HOT HEO	15	125 (1316)	1 0 12 7		9CH 3	÷
KN 30	WASTE STERILIZATION	TOXIC	2500	125 (1510)	6 O 12 O	VERTICAL TANK	SCH :	
RM.50	WASTE STERILIZATION	WASTE				VERTICAL TANK	5CH 2	_
MEE.	EXPAN. TANK - CHILLER	WATER				EXIST - RELOCATED	6CH 1	=_
	EXPAN. TANK-BOILER	WATER		125(P516)		THE REPORTED	SCH]	_
								=

EQUI	PMENT	SCHEDULE: STERILIZ	ERS, S	TILL A	ND WA	SHER							<u></u>
SW100	LOCATION RMS.		WATER	STEAM IDS/NY/CK	DST. Hz0	ON ELL(). (AMP5)	SOLDHO SOLDHO PIPING	CONULT STEAM NPT.	CTION STEAM RETURN	DRAIN	ELECTRIC (VOLT/ PHASE)	VENT SIZE	PEMARY'S
STER-1	54,166,14	STERILIZER	100	€0		3	-₹6*	1,	3/4*	z'	110/1Ø	\equiv	GF-CI SCH. Y
STER	16	STERILIZER	90	<i>6</i> 0		3	3/8°	₹6'	3/8"	1/2"	110/10		GF-C1 9CH I
5TER-3	MER	STERILIZER	160	90		3	3/6°	1.	-7/4"	2	110/10		GF.CI SCH I
STER-4	MER	STERILIZER	400	255		27	¥2°	1.	34	2.	200/7 8		7/2 H.P. 40.
5 T	MER.	STILL	_	450	_	15	4z"	3/4	3/4.	21	110/10	<u> </u>	PUMPS SCH VIII
6W	34	GLASSWARE WASHER	整路	25 LB5/27C	15 GPM		Vz.ª	3/4.	½. √2.	2,	208/3¢	6,	I' HOT WATER SCH. I
	MER	GLASSWARE DRYER	_	~~		(a.IKW				_	208/3 Ø	4.	GF-CI 9CH I
L –	MER	SOFTENER	_				1/4°CW		 _ 	-//			EXISTING
	MER	HOT AIR STERILIZER							t- <u>-</u>		206/3 d	41	GF-CI 9CH I
	42,103	FUME HOOD	_	_	1	_	Vz*		-	1/21	110/1p 200/3p	Ē	S-L, CUP SCH III VI
ST	34	STILL	26		5	8800W	1/8"	-	-	1/2"	220/1¢	_	GF-CI SCHI

L	EVAF	ORATOR S	CHEDUL	E FREE	ZER AND	COOLER	REFRIGERATIO	N N		1
₽	TIM	SYSTEM SERVED	CAPAC	11/4	TEMP DIFF	AR PLOW	MOTOR WATTS	P-IZ CHARGE	REMARKS	
Ė	54	FREEZERS	13,000	BJ.UH. EA.				4.5 (1.6)	2 FREEZER RMS	(I) SCH. I AND (I) SCH. VII
r	7,7	COOLERS	0500	D.I.V.H.EA	10°F	1240 (154)	(3) ZO	2.9 (LB)	3 COOLER PMS	(1) 9CH.I, (1) 9CH.Y AND (1) 9CH. XX

CON	DENSING				ND COOL	ER REF	RIGERANT			
<u>_</u>	SERVED		SUCTION	AMBIENT.	POWER	ELECT.	(NOMINAL)	PEFRIG.	RECEIVER CAP.	REMARKS
L		22,600 BT.U.H. EA	20 % 20 % 10 %	90°F	33	208/3¢		2502	23	(2) UNITS - AIR & WATER
	COOLER	19,500 81.U.H.	30° F 6	90°F	10.1	208/30	2	RZZ	5 <i>u</i>	AIR & WATER COOLED

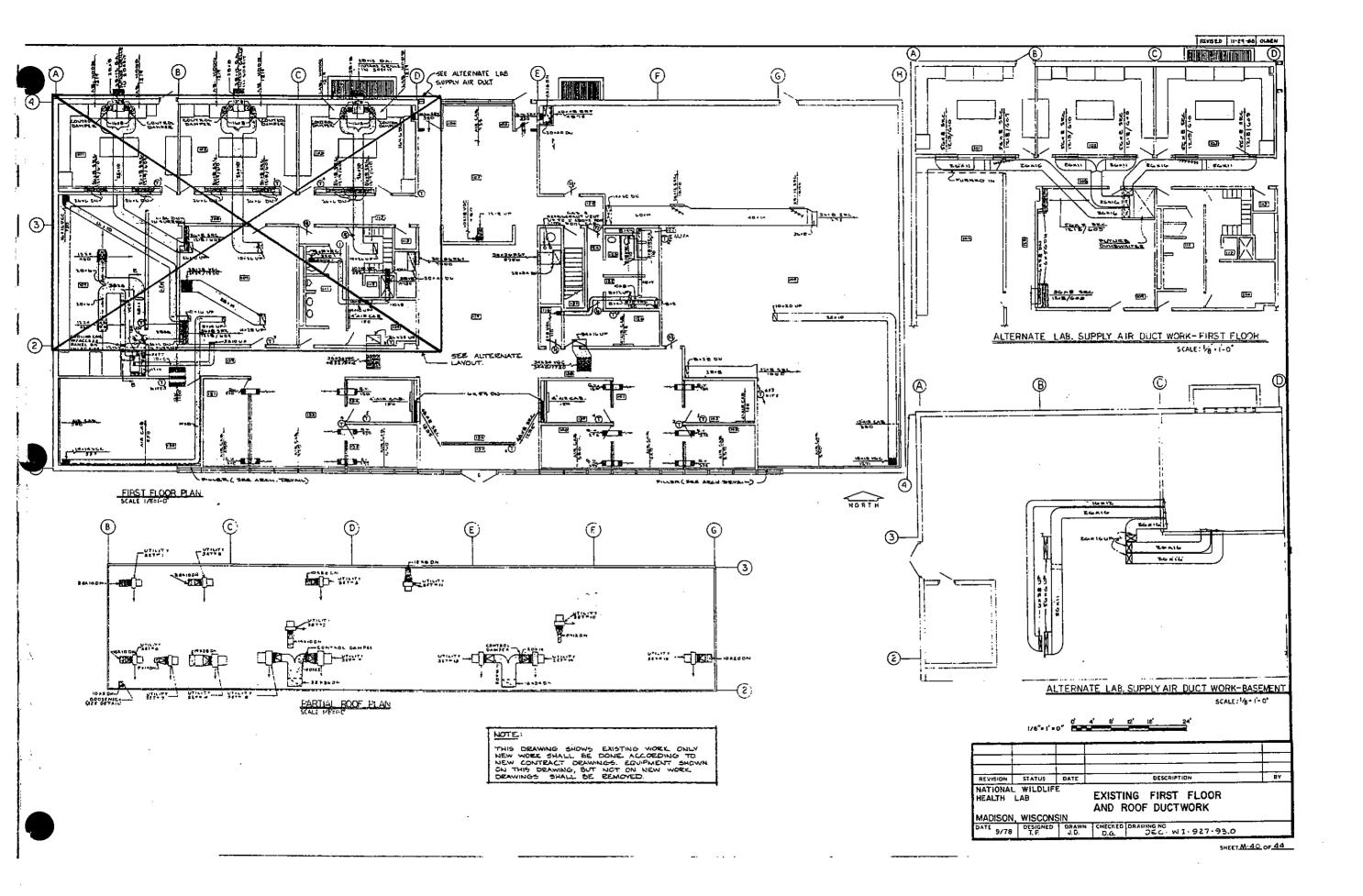
(j) Sch. I AMD (i) Sch. VII Sch. I REVISION STATUS DATE DESCRIPTION BY

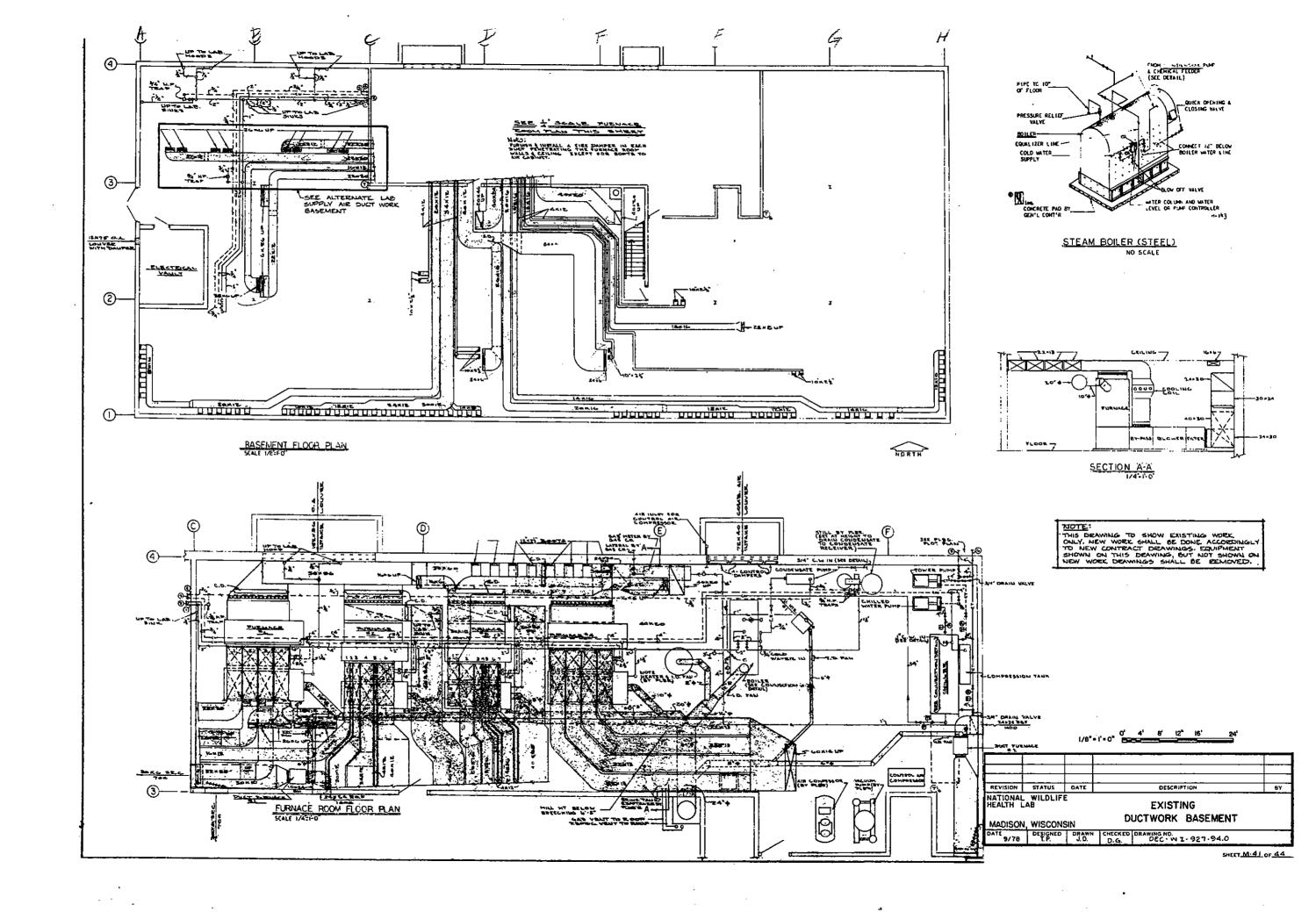
NATIONAL WILDLIFE PLUMBING AND STERILIZER

HEALTH LAB

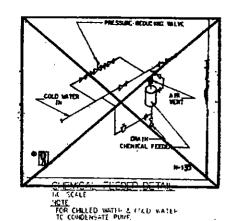
MADISON, WISCONSIN EQUIPMENT SCHEDULES

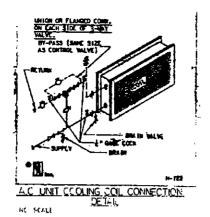
DATE DESIGNED DRAWN CHECKED DRAWING NO. DEC. WI-927-92.0

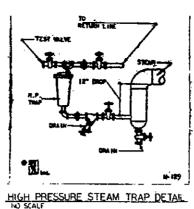


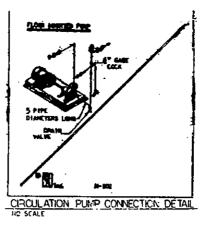


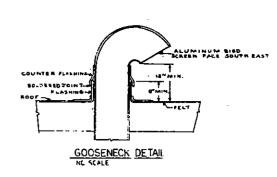
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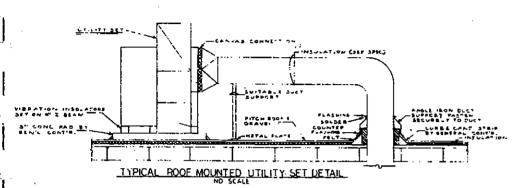


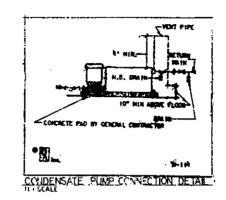


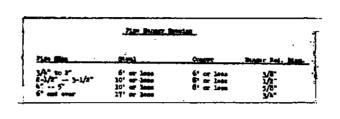


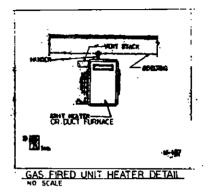






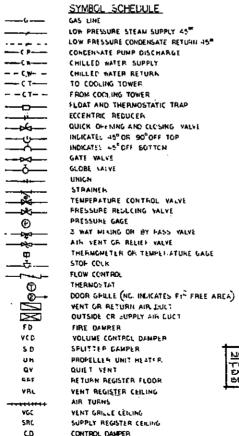






TOWER

(:	Ri See apocifica	tions for bear	KYLON Pek geste lenis, 1905s 2017 grafts mei brischop en speistel (seutstern)
Free1 U.S. Sta	Almina 3 & S	Port Managina	Regarded Construction
	0	In Inches	Transmiss Juints and Bracing
26	24(0.020)	Up Ware 12	8 slip,drive alip, 1 in.pocket look on 8 ft. conterp.
2	22(0,025)	13 three 15	S slip,drive slip, 1 in goolet lest us 8 ft. septemp.
		19 thre 30	S.elip. I is. pocket look on h ft. carriers. S will I is. pocket look on h ft., cartesu with l l l I 2/8 amples h ft. from joint. S silp, I is. poshet look on h ft. corters with cross broak I is. standing case as f ft. corters.
2 2	20(0.032)	31 thru kg	I in, stamling 8 clock, her alip, posint last on b ft, conterv. I in, standing 8 clock, her alip, posint look on 8 ft, conterv stal 1 X 1 X 1/8 in. angle b ft. from point, I in. finding som on b ft. conterp. Longitudinal standing some with 1 X 1 X 1/8 in.angles on b ft. conterp.
		43 6644 54	1-1/2 in, standing 5 cleet, bar slip, mechat leck on a fr. contern. 1-1/2 in, stending 8 clear, bar alip, point lock on 6 fr. centers with 1-1/2 x 1-1/2 x 1/6 in. anglas a fr. free joint. 1-1/2 in, standing seas on 3 fr. centers.
20	18(0.0k0)	55 thru 60	longitudinal standing soon inside with 1-1/2 % 1-1/2 % 1/6 in. sogles on b ft. cunters.
		61 thru 8±	1-1/2 in. standing S clast, her slip, pornet lock on a fir. centers with 1-1/2 X 1-1/2 X 1/6 in. augles 2 ft. from joist. 1-1/2 in. leasning S clast, her slip, pocket lock on 6 ft. centers with 1-1/2 X 1-1/2 X 1/6 in. augles on 2 ft. centers. 1-1/2 X 1-1/2 in. standing seam on 3 ft. centers. Longitudinal standing seams implie with 1-1/2 X 1-1/2 X 1/6 in. augles on 2 ft. centers.
le	16(0.091)	85 thre 96	1-1/2 in. standing S cleat, bar slip, pocket last on a ft. centers reinforced with 1-1/2 X 1-1/2 X 1/1/5 in., or companion segles on 2 ft. centers. 1-1/2 X 1/1/5 in. or companion segles on 2 ft. centers. 1-1/2 X 1/1/5 in. standing S cleat, bar slip, pocket look reinforced with 1-1/2 X 1-1/2 X 3/1/5 in. segles on 8 ft. centers with 1-1/2 X 1-1/2 X 3/1/5 in. segles on 2 ft. centers. Longitudinal standing seam lasting with 1-1/2 X 1-1/2 X 1/1/5 in. sagles on 2 ft. centers.
		Over 96	1-1/2 in. standing 3 cleat, bur ally, poster look reinforced with 2 I 2 X 1/4 in. saging, or comparing angles on 6 ft. certere. 1-1/2 in. standing 8 sleet, bur ally, poster look reinforced with 2 X 2 X 1/2 pm. saging, or comparing magines on 5 ft. centers. 1-1/2 in. standing seems with 2 X 2 X 1/4 in. magine or 2 ft. centers. 1-1/2 in. centers. 1-1/2 in. standing seems with 2 X 2 X 1/4 in. magine or 2 ft. centers. 1-1/2 in. sagine or 2 ft. centers.



MOUCED DRAFT FAN

1, D FAR

NOTE:

VERTICALLY UPWARD OR 45" - BOYE THE HORIZONTAL AXIS. 2.ALL STRAMERS AND SWING CHECK VALVES SHALL BE INSTALLED IN HCHIZONTAL LINES. S. ALL STEAM PIPMS SHALL PITCH 1740' DOWNWARD IN DIRECTION OF FLOW EXCEPT FOR RUNOUTS OR FOR MAINS OTHERWISE INDICATED. A ALC PIPING SHALL BE SECUPLE SUPPLETED AT 7 INCIDENTALLY SUSPENDED. 5. ALL EQUIPMENT SHALL AL SINFENDED ABOVE THE FLOOR BASE. 5. STRAIGHT GAS LINE PRECEDING FRY MUST BE 2 FT, 7. INCREASE ALL RELIEF LINES ONE SIZE FOR EACH 20 FT, CF LENGTH. RELIEF LINES TO YENT TO CUTSIDE. AREA OF RELIEF LINE TO EQUAL S. ALI PIPING CONNECTIONS TO EQUIPMENT MULT BE MADE WITH TALLY BYANGARDS UNIONS OF FLAMES UNIONS OF FLANGES. 9 NO GRILLE OR PORTION THEREOF SHALL PROJECT YERTICALLY . INTO THE AIR STREAM. IO. ALL DUCT DIMENSIONS SHOWN ARE FINISHED INSIDE DIMENSIONS. II. ALL SOUTS ARE TO BE IZX 2 IZ UNLESS OTHERWISE INDICATED. 12, ALL EQUIPMENT WITH MORE THAN ONE ZONE SHALL HAVE A MANUAL YOLUME DAMPER IN EACH ZONE. 13. ALL BREECHING MUST HAVE NO RIGHT ANGLE TURNS, ALL TURNS EXCEPT AT STACK MUST CONSULT OF 2-45" TURKS. 14. PROVIDE DUCT ACCELS PARELS AT ALL FIRE DAMPERS (CONTROL DANFESS. 15. ALL DUCT CONNECTIONS TO EQUIPMENT MUST BE MADE WITH CANVAS CCNNECTIONS.

LATE GATE VALVES ARE TO BE RICHED STEM VALVES WITH STEM

CHILLED WATER & COOLING TOWER PIPING LETAL OCATE UN'ONS DE PLANDES ON LINES TO CHILLER TO FIRMIT TUBE PEMOVAL.

MACIO CLEAN

81440 0FF

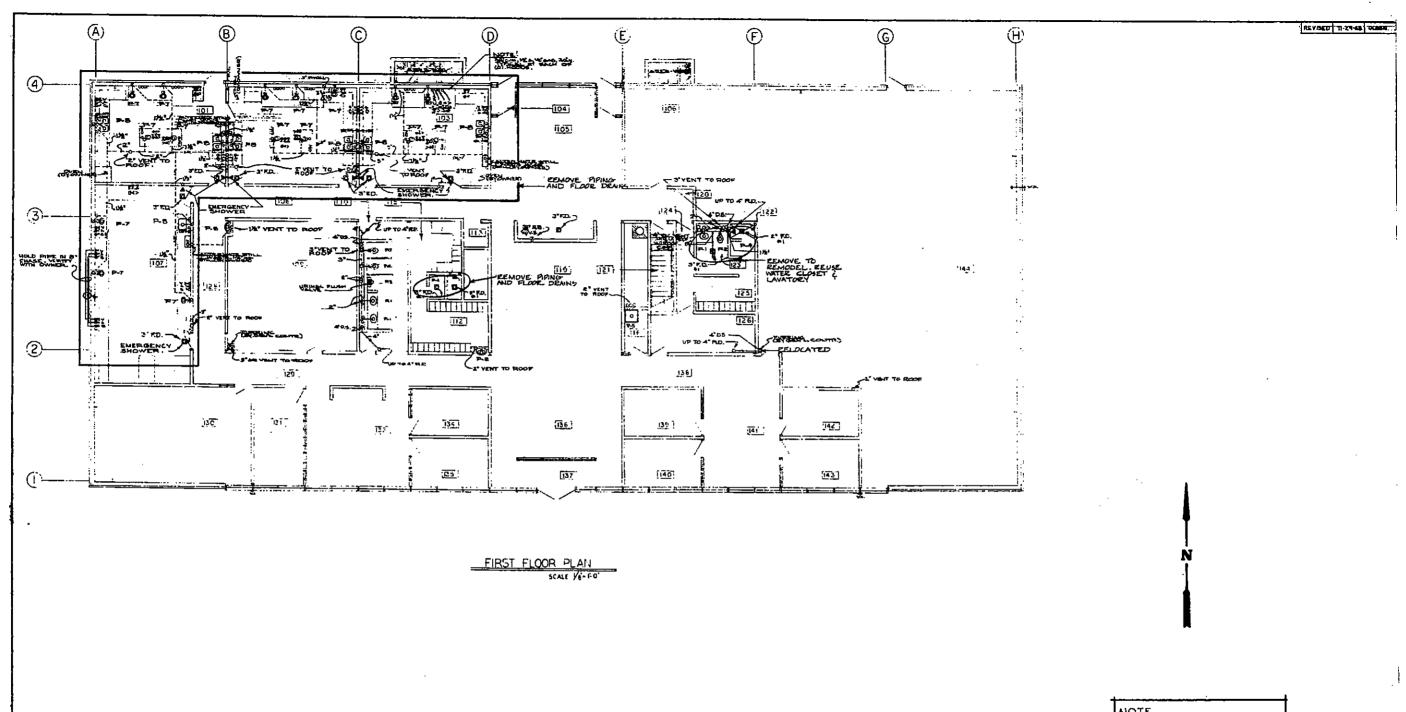
THIS DRAWING SHOWS DETAILS OF EXISTING WORK ONLY. IT SHALL NOT BE USED FOR NEW WORK.

NOTES

REVISION	STATUS	DATE	DESCRIPTION	BY
NATIONA HEALTH		_	EXISTING HEATING DETAILS	1 -
MADISON	i, Wiscon	ISIN .		

SHEET M-42 OF 44

NOTE: SUBMISH I BEAM OF SUPPORTE ON YOP OF COMERTY VIERS, PARS BY RENERAL CONTRACTOR



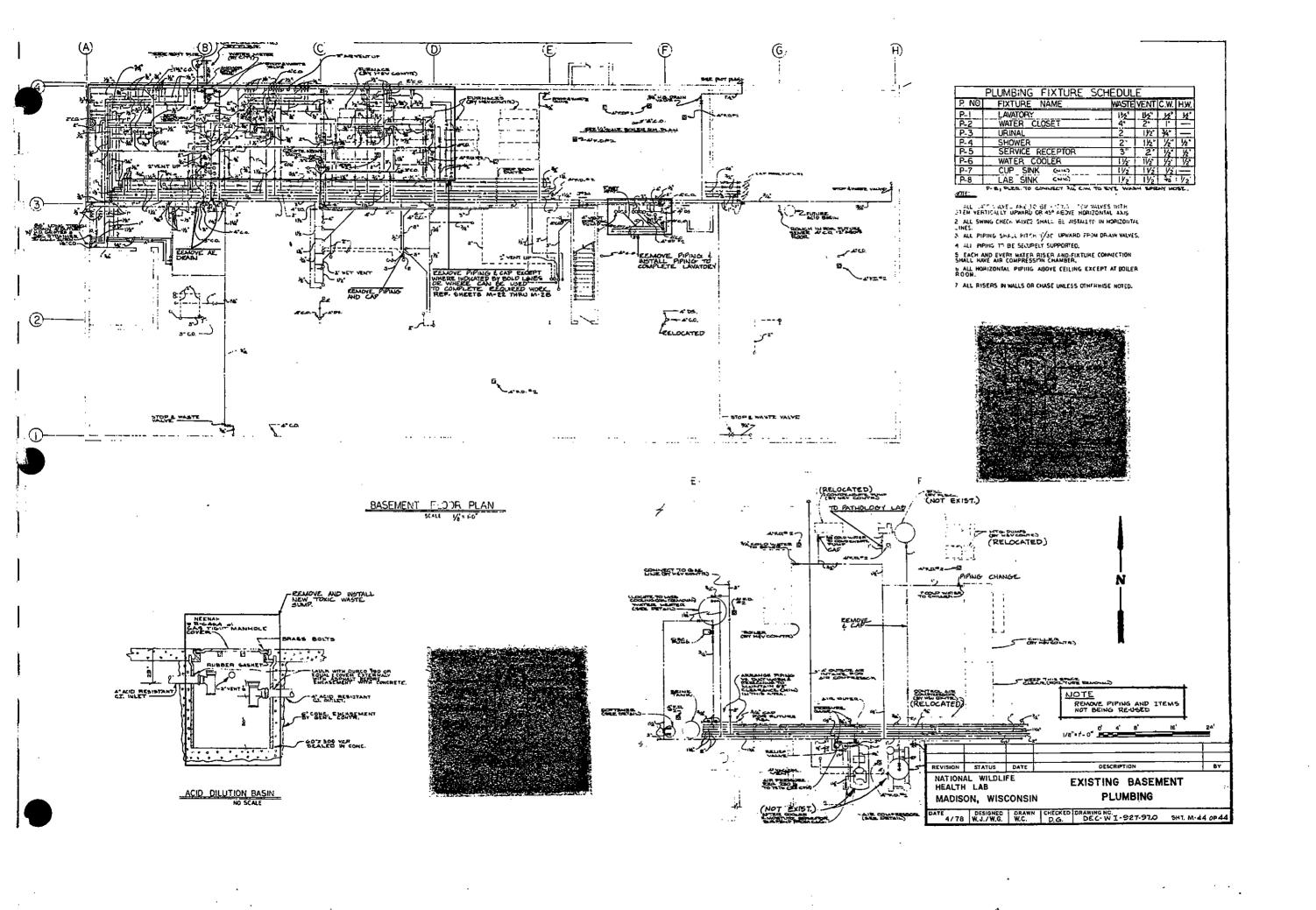
NOTE REMOVE PIPING AND ITEMS NOT BEING RE-USED

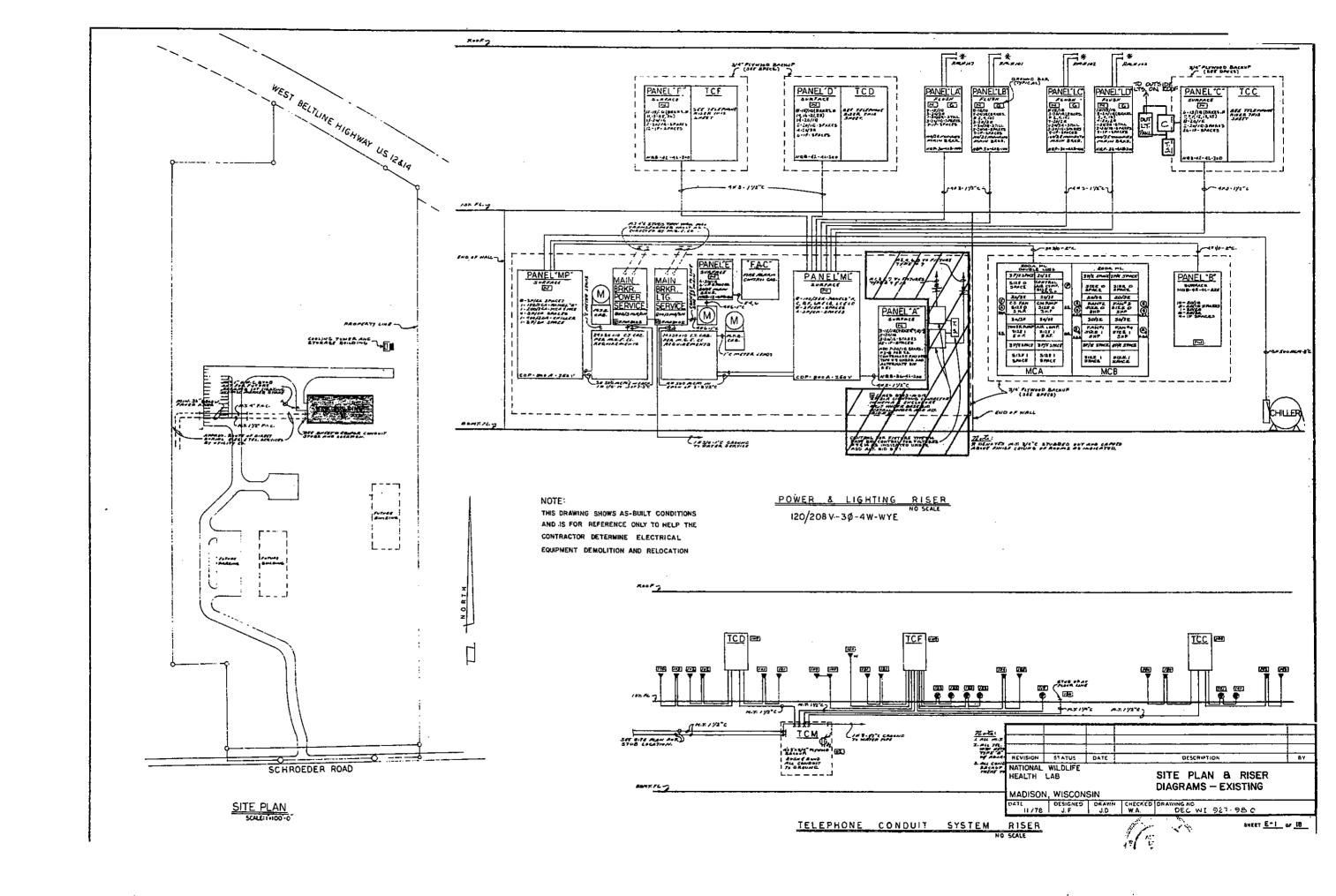
REVISION STATUS DATE DESCRIPTION BY

NATIONAL WILDLIFE EXISTING FIRST FLOOR
HEALTH LAB PLUMBING

DATE A TO WILDLIFE EXISTING FIRST FLOOR
MADISON, WISCONSIN PLUMBING

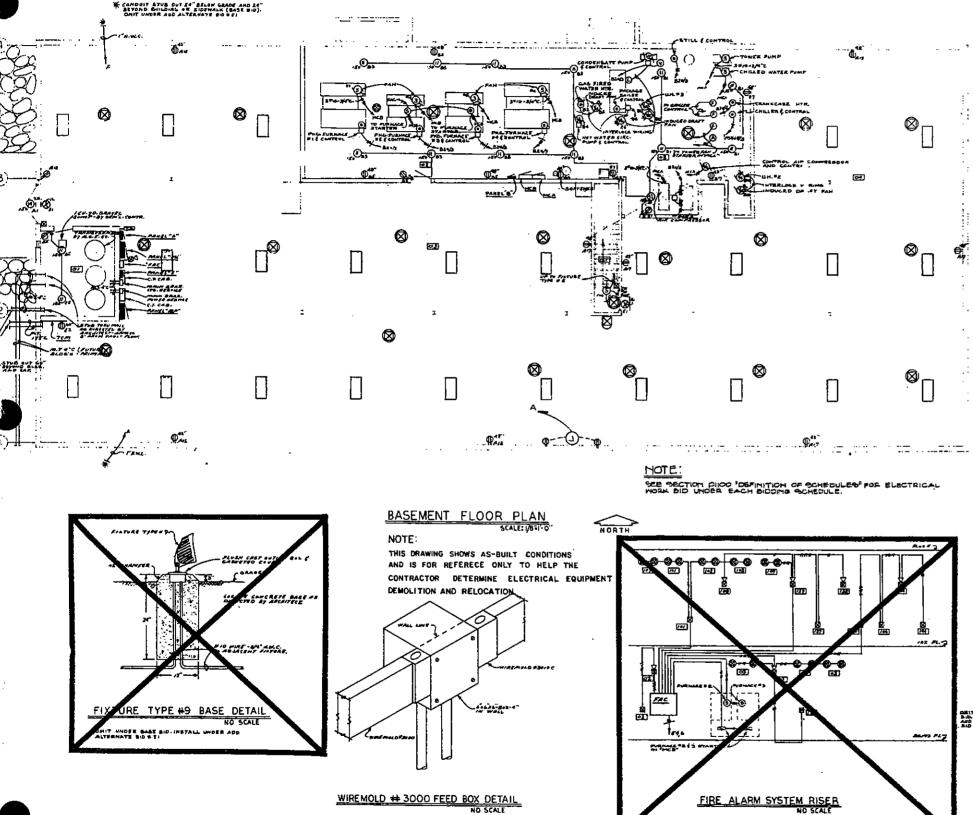
DATE A TO WILDWIG W.C. D.G. DEC. WII-927-96.0 SHI M-45044



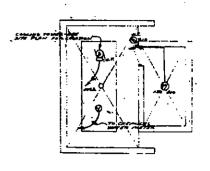


SYMBOL SCHEDULE

CIRHTING FIXTURE OUTLET BRACKET FIXTURE RECESSED INCAMDESCENT FIXTURE SURFACE HOURITED FLUORESCENT FIXTURE THE RECESSED FLUORESCENT FIXTURE EXIT FIXTURE . P & S #15ACI-I - UP 46" OR AS NOTED P & S #15AC2-1 - UP 48" OR AS NOTED P 4 S #15AC3-1 - UP 48" OR AS NOTED HUBBELL 1297 PILOT SWITCH - UP 46" OR AS MOTED BUSS FUSTAT HOLDER WITH SWITCH. INSTALL WHERE REQUIRED. P & S 15401-1 AND #4505 COVER IN F.S. BOX HUBBELL 2022 CONNERCIAL DATY DOOR OPERATED SWITCH, ADVISE GENERAL CONTRACTOR AS TO SIZE OF OPENING. "HAND-OFF-AUTO" CONTROL - IN STARTER, COVER AS INDICATED, SEE NEW AND MES. MULTI-SPEED CONTROL - BY OTHERS - UP 60" OR AB MOTED ATMOS FAETO DIMMER CONTROL UNIT - UP 46" P & S #5242-1 - UP 12", TO CLEAR EQUIPMENT OR AS MOTED. P & \$ #5242-1 AND #4510 COVER IN CAST F.S. BOX. HOURT HORIZONTALLY.UPIZ. F & S #52 2-1 SPLIT WIRED " UP 12", OR AS NOTED. SWITCH TOP HALF IN ROOM #126. LAB EQUIPMENT RECEPTACLE (BY OTHERS) WITH J-BOX AND GREENFIELD CONNECTION (BY ELECTRICAL CONTRACTOR). P & S 7310 20A 3P RECEPTACLE. MOUNT ON SIDE OF LAB TABLE, OR 1M #3000 RACEWAY AS INDICATED.-GROUND 3RD POLE MATICIAL #800 FLOOR BOX WITH #8030C SERVICE FITTING. EXACT LOCATION AS BIRECTED. WIRSHOLD #3000 PLUMBOLS WITH #3000 FEED BOX AS INDICATED - SEE DETAIL. #5242 RECEPTACLES 30" O.C., #7310 RECEPTACLES 60" O.C. - MOUNT UP AB. SIERRA #2123 120%. CLOCK OUTLET - UP 96%. SEE SPECS FOR PLATE AND FINISH. WRIMAL FLUSH VALVE TIMER - BY OTHERS. INSTALL IN DEEP 3 GANG BOX WITH BLANK COYER. EQUIPMENT CONNECTION - AS NOTED HOTOR - H.P. INDICATES CROUSE HINDS FEYS CONDUIT SEAL HEAVY DUTY DISCONNECT WITH COVER INTERLOCK - W.P. DENOTES WEATHERPROOF. KINNEY TYPE "8" TELEPHONE CABINET - SIZE AS NOTED ON RISER STARTER - BY ELECTRICAL CONTRACTOR STARTER - BY OTHERS PANELBOARD GREENFIELD CONNECTION (WITH GROUND WIRE) CONCEALED CONDUST - NUMBER OF CONDUCTORS INDICATED EXPOSED CONDUIT - MANBER OF CONDUCTORS INDICATED COMPUTT - DOWN COMPUT - UF TEMPERATURE CONTROL RELAY OR RELAYS - BY OTHERS. 3 DENOTES CHANTITY. SELENCID CONTROL VALVE - BY OTHERS. - MP 54" WHERE JISED FOR URINAL FLUSH. WATER COOLER. MOUNT BUSS # SR SERIES RECEPTACLE WITH FUSTAT WP BICKIND WAIT. PARAGON #4003-052 TIME SWITCH WITH ASTRO DIAL 43" N. LAT. UNIT MEATER W/® DUCT MOUNTED SMOKE DEITECTOR-BY OTHERS PRESSURE: SWITCH - BY OTHERE A4.7. UTILITY SET ø. 2 MIGHT LIGHT TELEPHONE OUTLET - Ψ 12", TO CLEAR EQUIPMENT, OR AS NOTED. "W" DENOTES WALL QUILLET - Ψ 56". NATIONAL 2000 FLOOR BOX WITH 2004C SERVICE FITTING. EXACT LOCATION AS DIRECTED. MAIN TELEPHONE SERVICE LOCATION - ROOM #02. EXPLOSION PROOF HOOD CONNECTION, CONNECT PER MANUFACTURES INSTRUCTION. AQUASTAT-BY OTHERS LOW WATER CUTOFF-BY OTHERS. FIRE ALARM STATION-UP 60" FIRE ALARM HELL UP 96 OR AS NOTED 136° FIXED YEMP CEILING MOUNTED AUTOMATIC F.A DETECTOR. 136 COME FIXED TEMP/RATE OF RISE CEILING MOUNTED AUTOMATIC FA. DETECTOR. NATIONAL WILDLIFE BASEMENT FLOOR HEALTH LAB EXISTING PLAN MADISON, WISCONSIN 11/7B | DESCRIP SHEET E-2 OF 18







BUILDING - FLOOR PLAN

SEE SHE DAN COL PAINT SCALL PET - 0

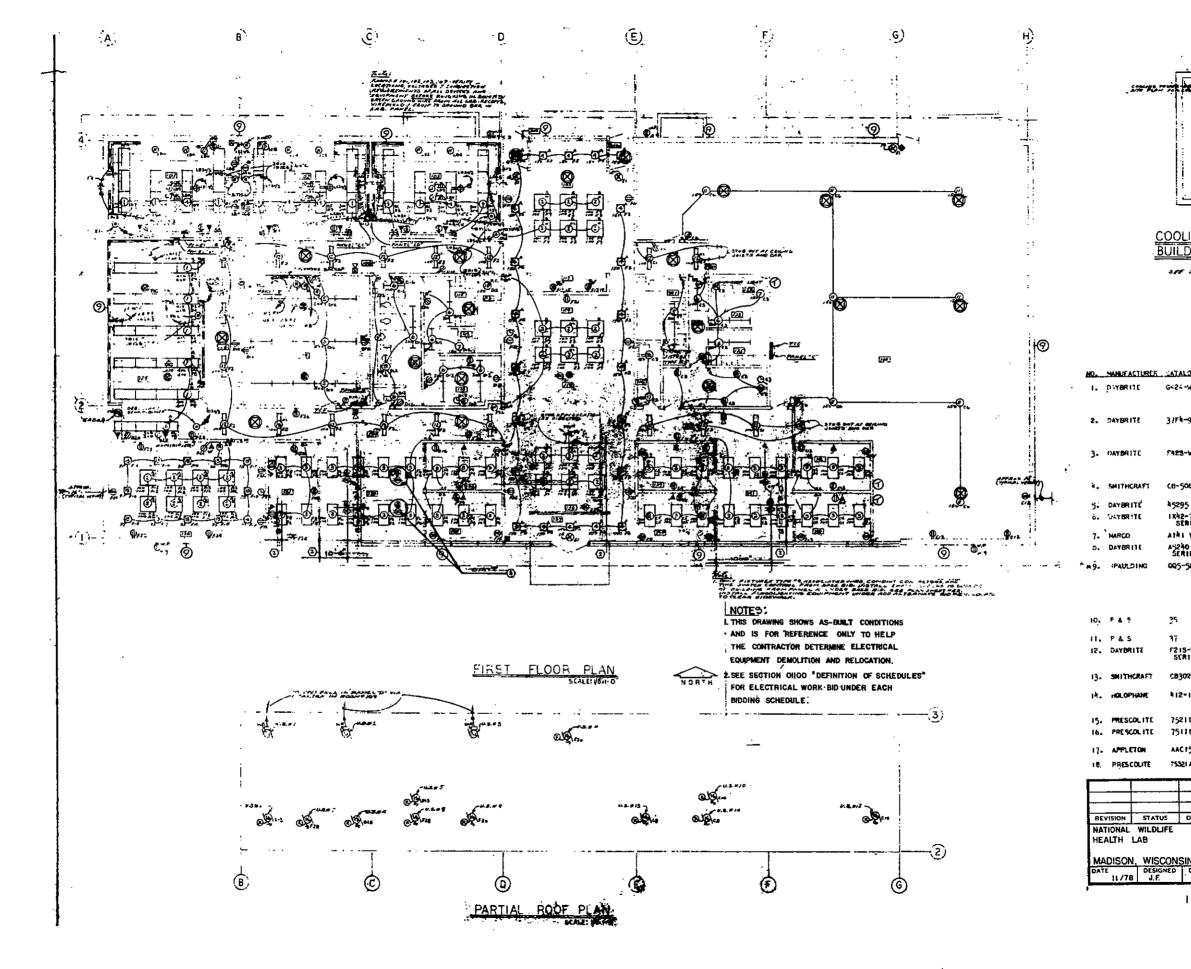
FINTURE CHEDULE MANUFACTURER CATALOG NO. LANGE

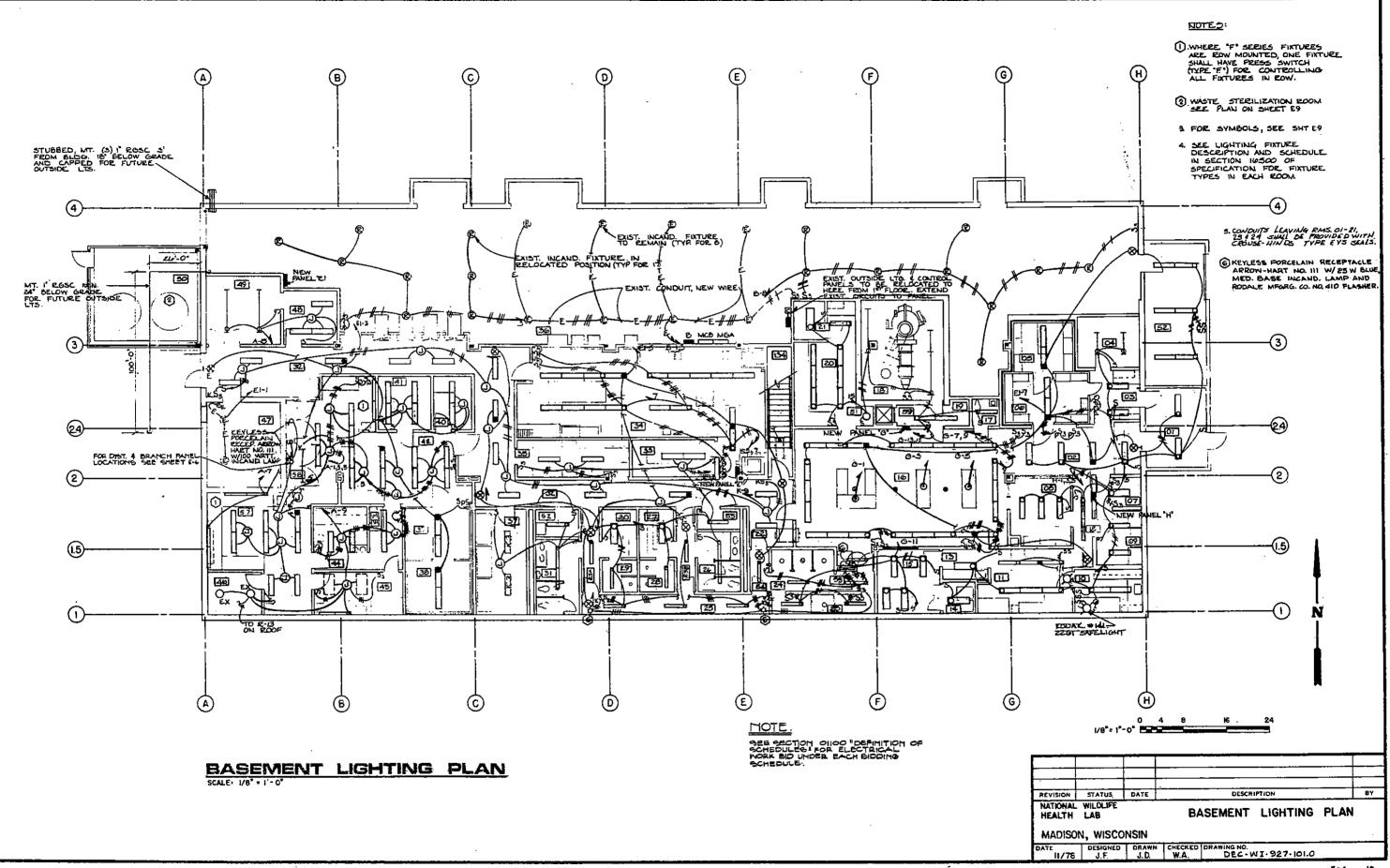
1.	psyserii(G424-WF351	स-रन्ध ्य	2XX + LAMP GRID TYPE TROFFER WITH RESELF SED TRIM AND ACTULE PRISMATIC LEMS, SWITCH (NEOARD AND OUTBOARD LAMPS SEPARATECTY
2.	DAYBRITE	3/14-950	4-F40 44	3X3 FLANGI TYPE TROFFER W/ALSYLIC PRISHATIC LENS AND 48° CROSS LAMPS. SWITCH 2 CROSSED LAMPS SEPARATELY FROM OTHER 2 CROSSED LAMPS.
3•	DAYBRITE	F425-WT05?	à : ù (- 	2XA E LAMF FLANCE TYPE TRANFER WITH SEGRESSED STEEL TRIM AND ACP LIC PAISMATIC LENS, SWITCH INBOARD AND CUTBOLARD LAMPS SEPARATEL
٩.	SMITHCRAFT	CB-506-RG	1-150WR 40/FL	RECESSED FIXTURE W/FLANGED TRIM AND,
5.	DAYBRITE	45295 SERIES	2-F40M	SURFACE FLUORESCENT WITH REFLECTOR.
ċ.	SAYERITE	IX42-707 SERIES	540AA	IXA 2 LAND SURFACE FIXTURE WITH ACRYLLE PRISMATIC LENS.
7-	` HARCO	TV 1 FIA	2-75	VAPORTIGHT DRUM WITH OPAL GLASS.
5.	DAYBRITE	ASSTO W SERIES	5-140M	BRACKET FLUORESCENT WACRYLIS LENS. MOUNT UP TO CLEAR MIRROR.
ĸģ.	PAULDING	оор-уне	1-01:013/ CL	ADJISTABLE QUARTY PLODO 1981 FORM PROPERTY BASE PLANTING THE PARTY ARE T
10,	F & S	35	I-K A	PORCELAIN LAMPHOLDER WITH PULL CHAIN AND GROUNDED C.O.
н.	P&S	37	(= 1 ;0)e	PORCELAIN CAMPHOLDER W/GROUNDED C.C.
15.	STIRBYAG	F215-WFB07 SERIES	2-1 = ~Ar	IX4 S LEMP FLANGE TYPE TROFFER W/ REGRESSED STEEL TRIM AND ACRYLIC PRISMATIC LEMS.
13.	SHITHCRAFT	CB302RG	1-7-94530/ FL	RECESSED FIXTURE WITH FLANGED TRIM AND GOLD, SEMI-SPECULAR BAFFLE.
l≱.	HOLOPHANE	112-120	1-H1000X	BRACKET FIXTURE W/PRISMATIC LLASS REFRACTOR AND BELUXE WHITE LAMF. MOUNT AT ELEVATION 97'-0".
15.	PRESCOLITE	75211	FURN I SKED	CXIT LIGHT - TOP HOURT - STENCIL FACI
16.	PRESCOLITE	75111	FU-EN I 3HED	EXIT LIGHT - SURFACE MOUNT - STENCIL FACE.
17.	APPLETON	AAC 1550	1-150%	CEILING MOUNTED EXPLOSIGN PROOF
18.	PRESCOUTE	75321 ARL	FUFNISHED	ENT US HT TOP MOUNT DOUBLE STENSIL FACE ARROW SIGHT & LEFT.

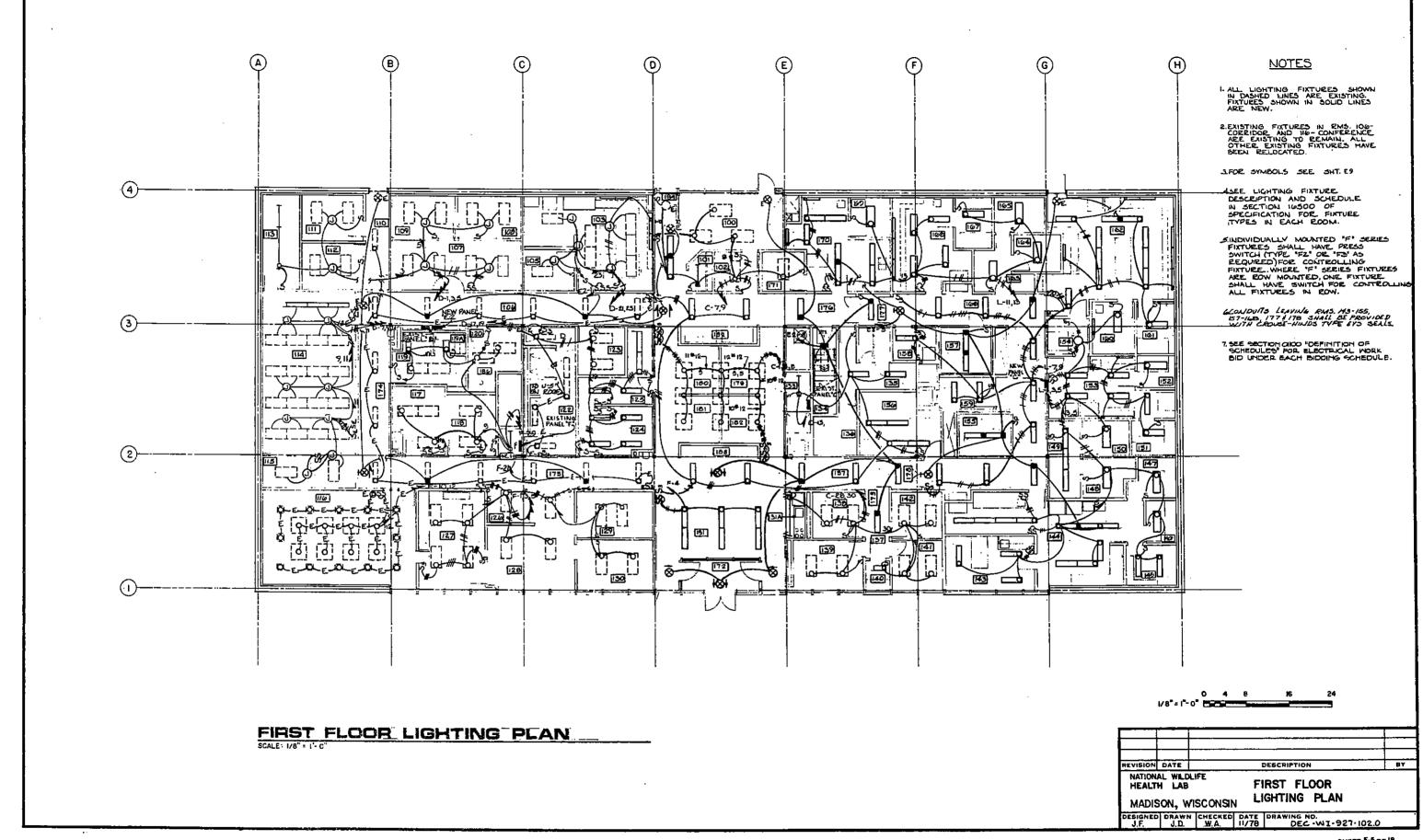
REVISION STATUS DATE
NATIONAL WILDLIFE
HEALTH LAB

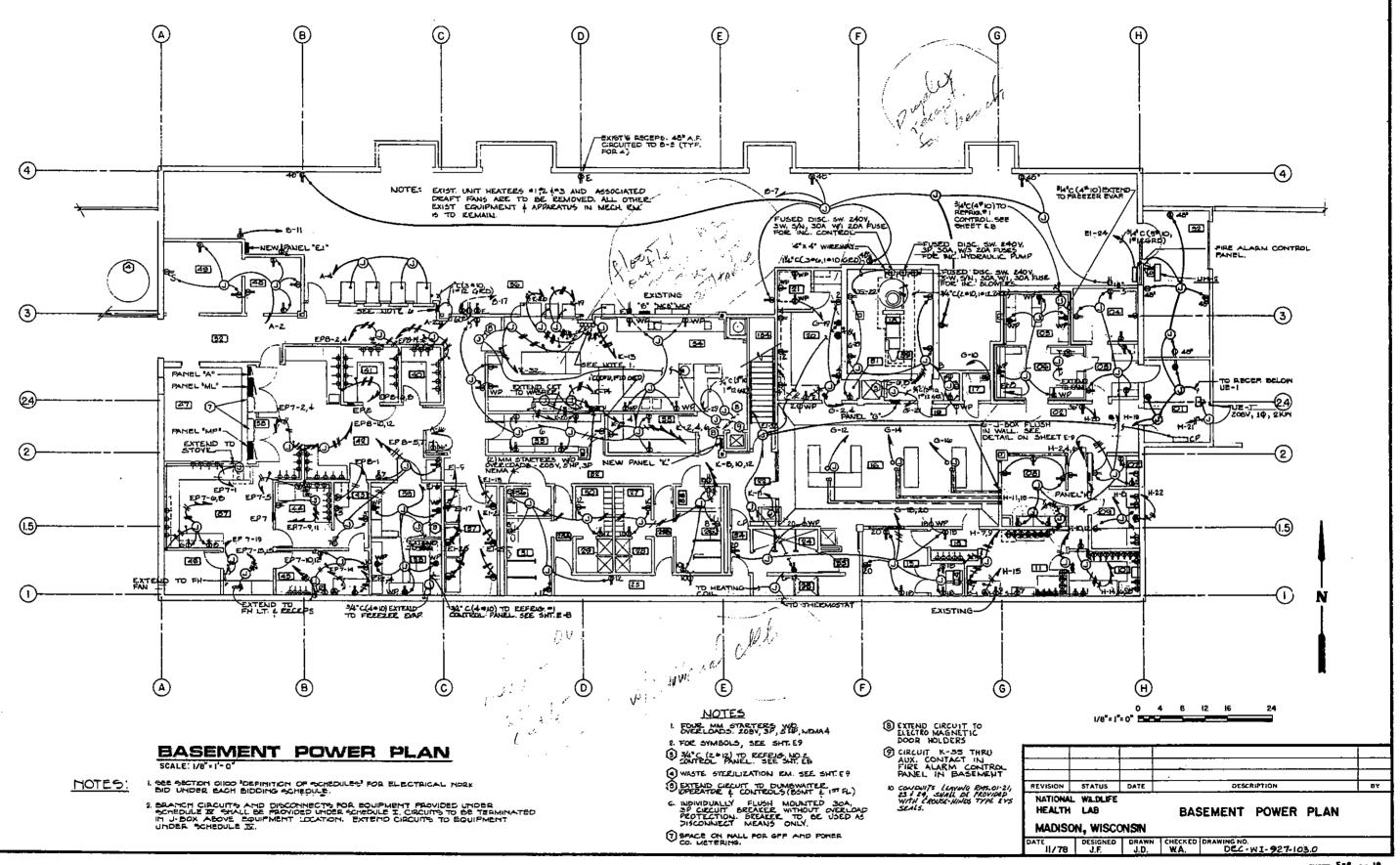
CHECKED DRAWING NO.
W.A. DEC.WI-927-100.0 SHEET E-3 OF 18

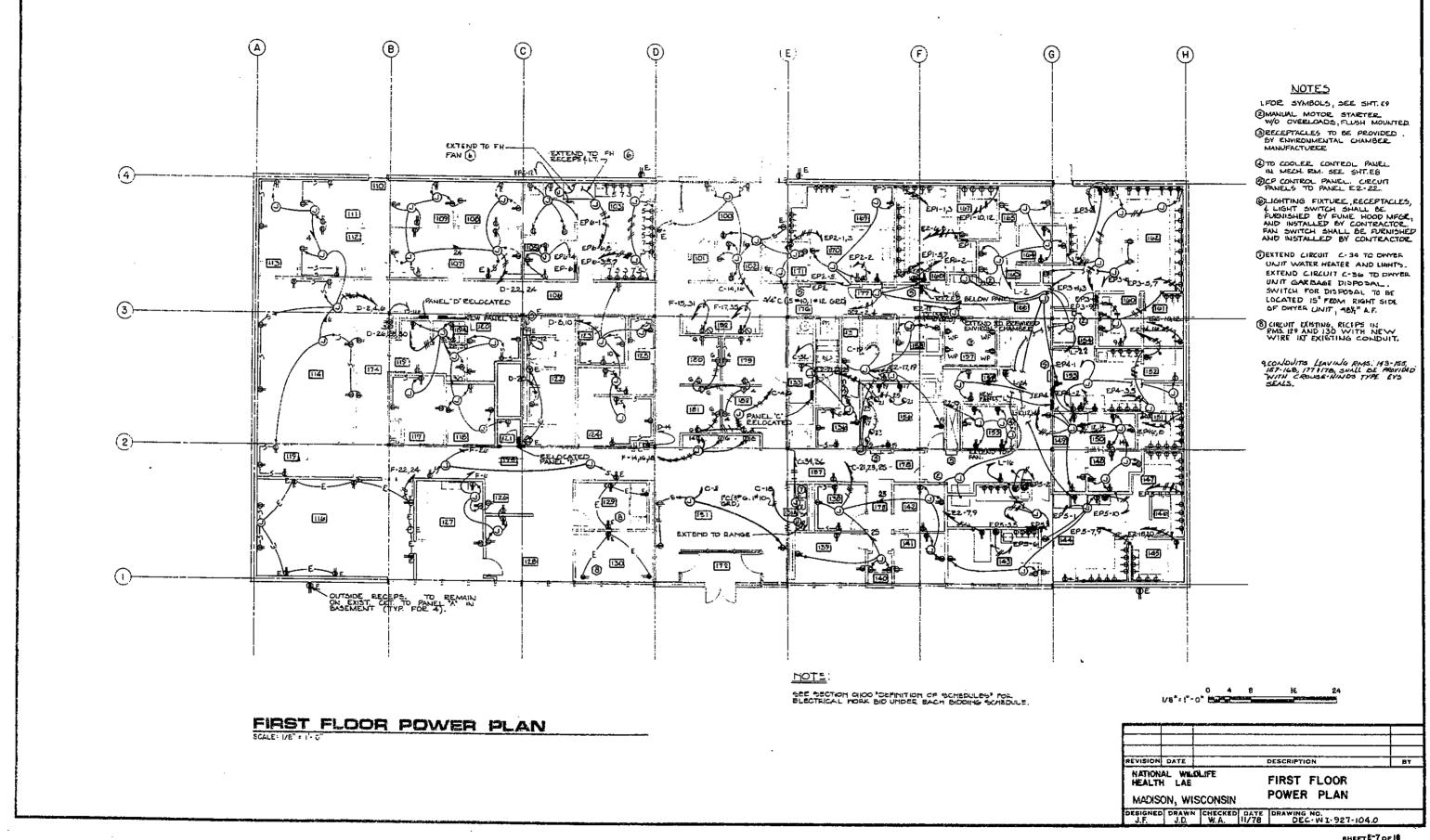
FIRST FLOOR EXISTING PLAN

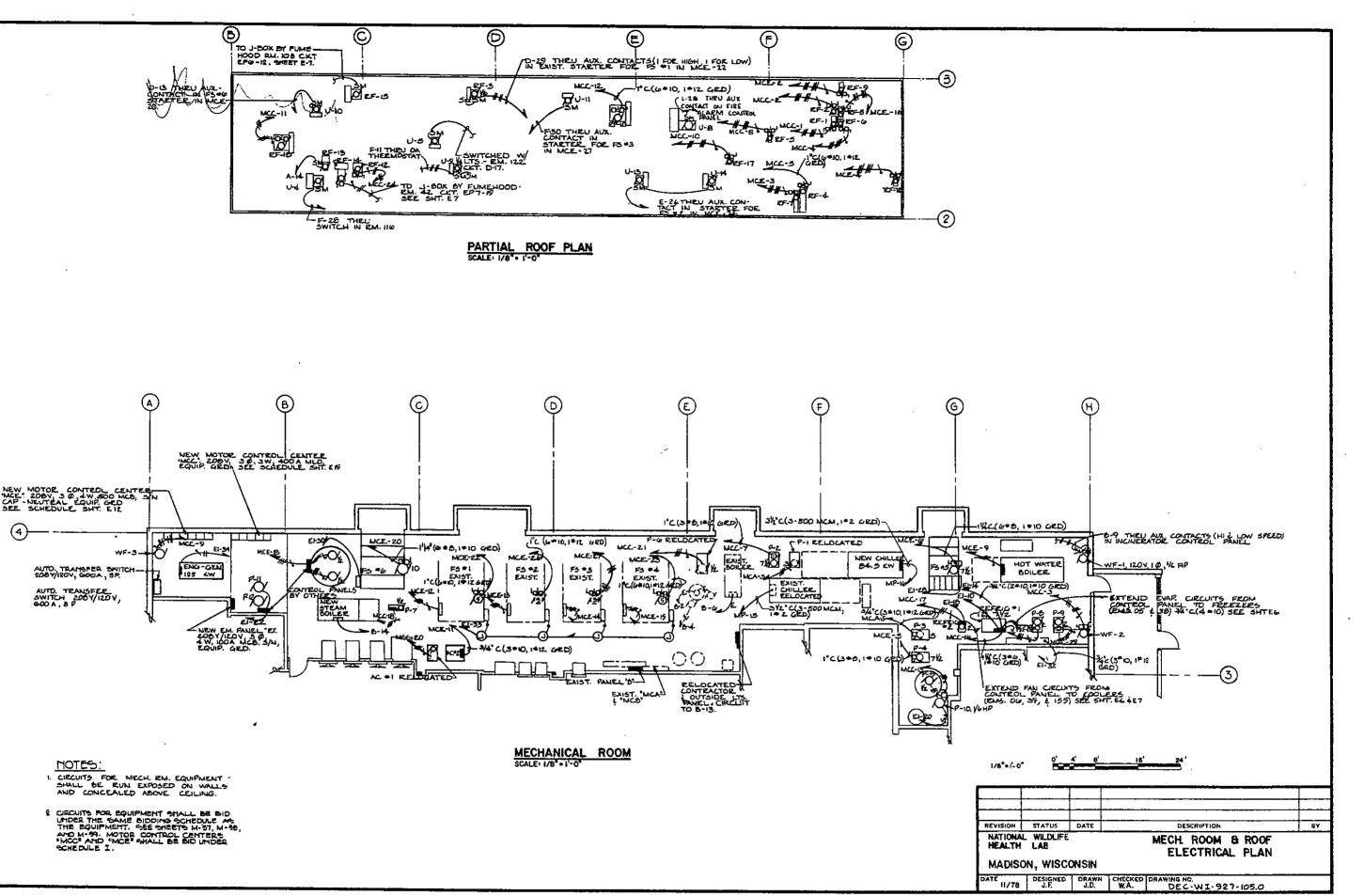












ELECTRICAL SYMBOLS

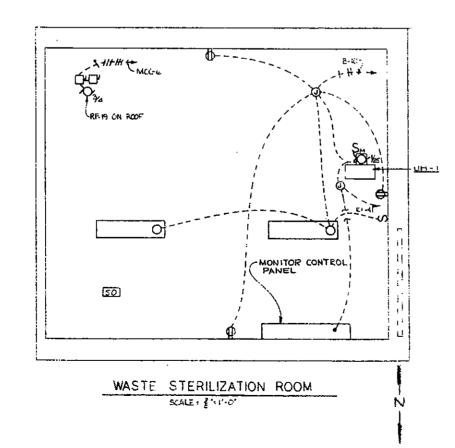
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I'MT CONDUIT STUBBED 2" I'M.T. CONDUIT TO FLUSH ABOVE CEILING AND CAPPED MOUNTED J-BOX ABOVE NECROPSY TABLE IN J-BOX WITH BLANK COVER FLUSH IN OFFICE WALL (TYP & PLACES)

SOUND SYSTEM J-BOX DETAIL NO SCALE

TO NECROPSY TABLES



EXISTING EQUIPMENT NEW EQUIPMENT FLUORESCENT LIGHTING FIXTURE - SEE DESCRIPTION FLUORESCENT LIGHTING FIXTURE - SEE AND FIXTURE SCHEDULE IN SPECS. SOLID CIRCLE LIGHTING FIXTURE SCHEDULE IN SPECS. INDICATES ON EM CIRCUIT . **⊢**α INCANDESCENT LIGHTING FIXTURE - SEE INCANDESCENT LIGHTING FIXTURE - SEE DESCRIPTION 0 SCHEDULE IN SPECS. AND FIXTURE SCHEDULE IN SPECS. EXIT LIGHT - SEE SCHEDINE IN SPEA EXIT LIGHT - SEE DESCRIPTION AND FIXTURE SCHEDULE IN SPECS. IP LIGHT SWITCH SAFETY SWITCH 3-WAY LIGHT SWITCH JUNCTION BOY DUPLEX RECEPTACLE BRANCH C:RCUIT SEE SECTION OLIOO "DEFINITION OF SCHEDULES" FOR ELECTRICAL MORK BID UNDER EACH BIDDING KS3

JUNCTION BOX DUPLEX RECEPTACLE, 125V, 20A QUADRUPLEX RECEPTACLE, 125V, 20A DUPLEX RECEPTACLE 125 V, 20A, ON EM CIRCUIT. WP INDICATES WEATHERPROOF. DUPLEX RECEPTACLE, 125V, 20A, SPLIT-WIRED DUPLEX RECEPTACLE, 250V, 20A SINGLE RECEPTACLE, 125V, 20A (WP INDICATES WEATHERPROOF) SINGLE RECEPTACLE, 250V, 20A TELEPHONE OUTLET XEROX RECEPTABLE CEILING MOUNTED RECEPTACLE W/PLUG IP LIGHT SWITCH IF LIGHT SWITCH WITH PILOT LIGHT 3-WAY LIGHT SWITCH 3-WAY LIGHT SWITCH WITH PILOT LIGHT 4-WAY LIGHT SWITCH MANUAL MOTOR STARTER 3- WAY KEYED LIGHT SWITCH MULTI-OUTLET ASSEMBLY WITH IZSV, ZOA DUPLEX RECEPTACLES WIRED ALTERNATELY, MULTI-OUTLET ASSEMBLY WITH 125V, 20A SINGLE RECEPTACLES WIRED ALTERNATELY. SURFACE METAL RACEWAY BRANCH CIRCUIT CONCEALED IN WALL OR CEILING BRANCH CIRCUIT CONCEALED IN FLOOR EXPOSED BRANCH CIRCUIT CROSS HATCHES INDICATE NUMBER OF "12 AWG CONDUCTORS. NO CROSS HATCHES INDICATE 2"12 AWG CONDUCTORS. CROSS HATCH WITH DOT INDICATES "IZ AWG GROUND.

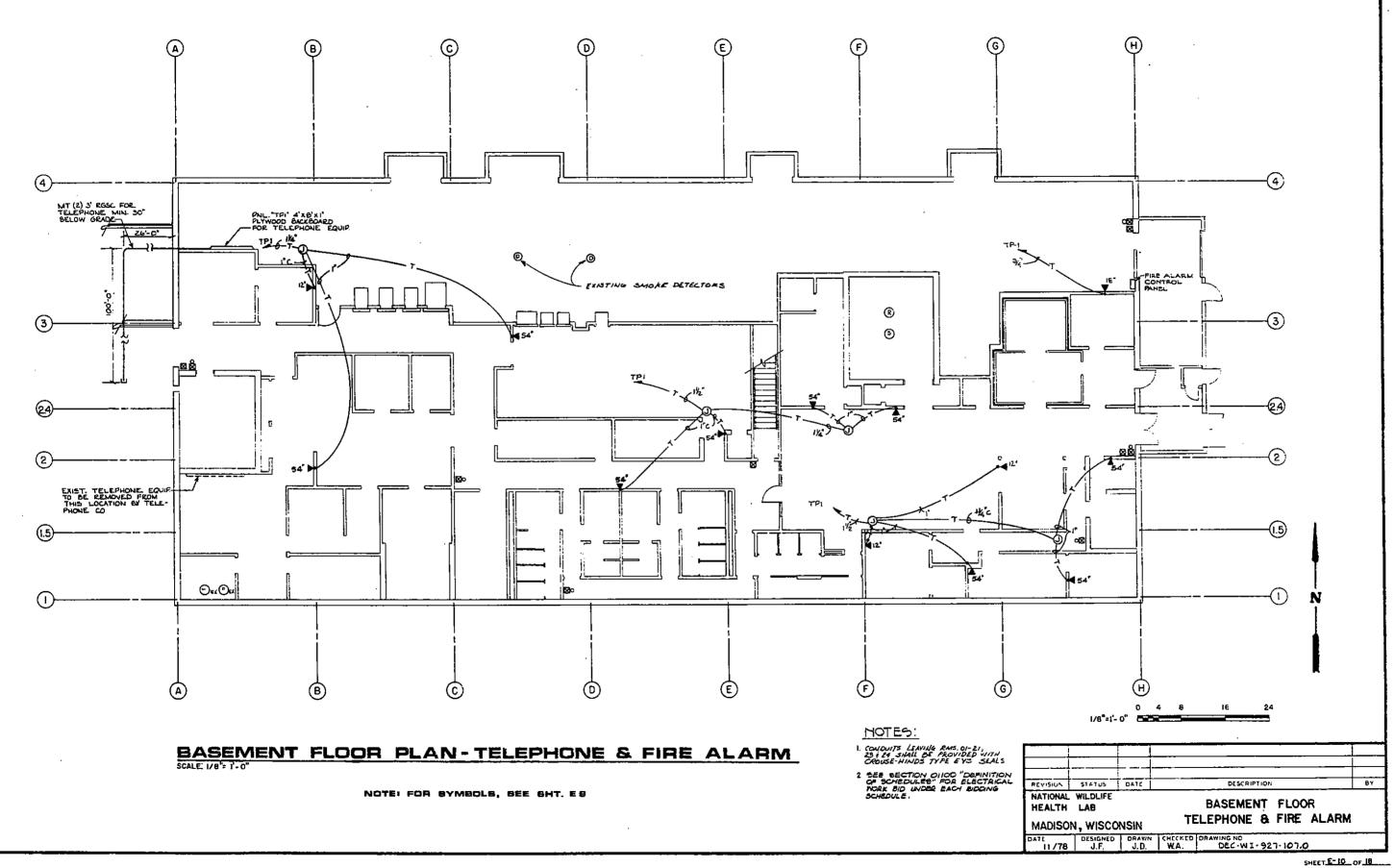
HEAT DETECTOR - 135" F
PATE ANTICIPATION HEAT DETECTOR - 200" F.

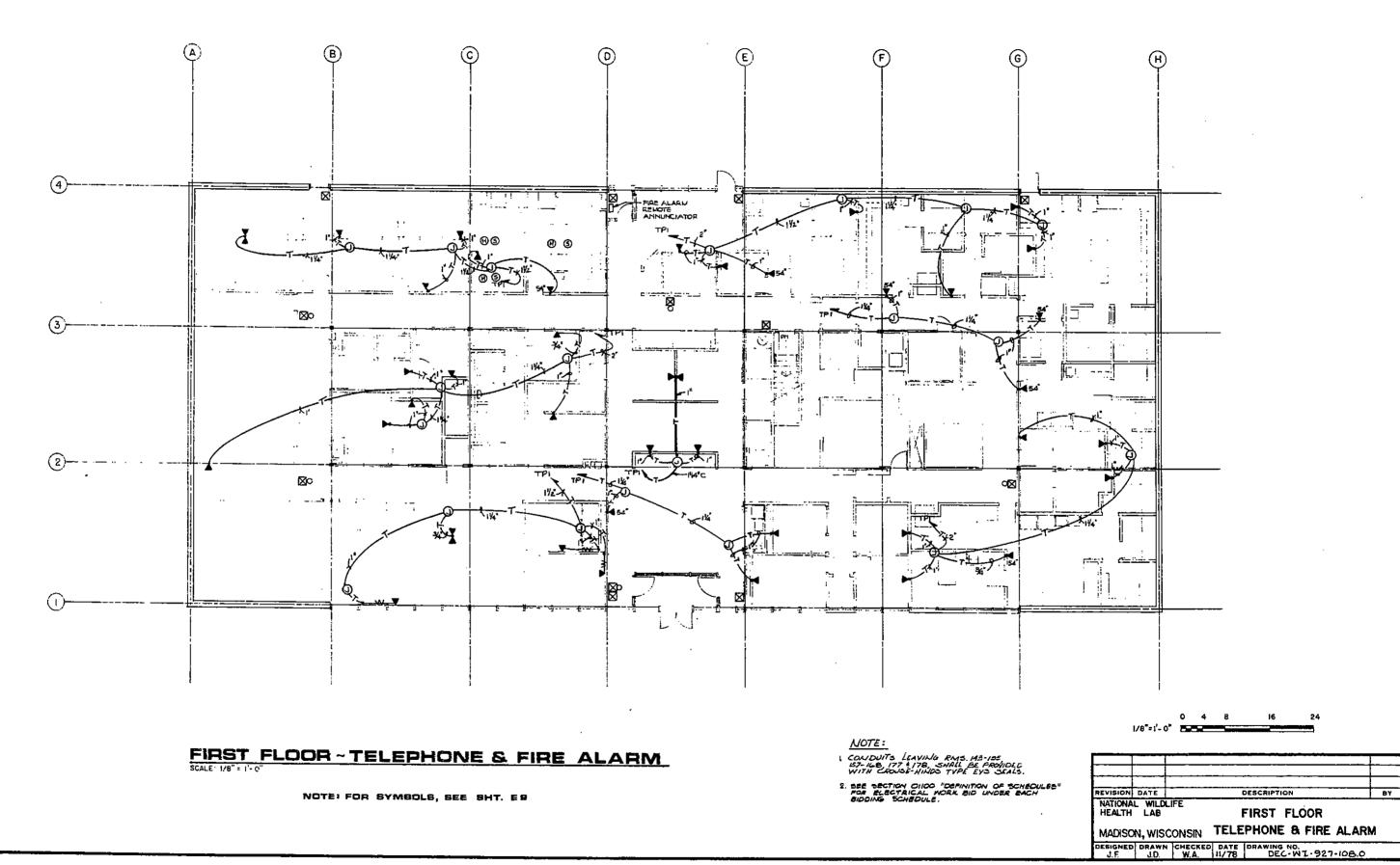
SMOKE DETECTOR
FLAME DETECTOR
MANUÁL FIRE ALARM STATION
FIRE BELL
HOTE SYMBOL INDICATES *12 AWG GROUND. ® 6 € REVISION STATUS DATE DESCRIPTION NATIONAL WILDLIFE WASTE STERILIZATION ROOM, HEALTH LAS SYMBOLS, AND DETAIL MADISON, WISCONSIN

DATE DESIGNED DRAWN CHECKED DRAWING NO. DEC-W1-927-10G.0

NOTE SYMBOL

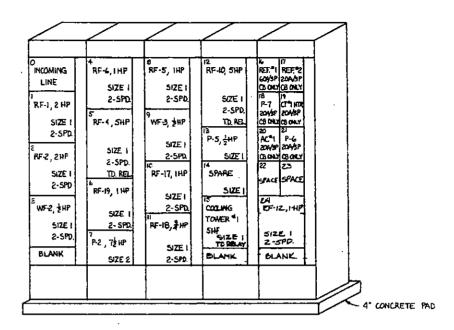
- EMPTY TELEPHONE CONDUIT NO. ZIOC WIREMOLD



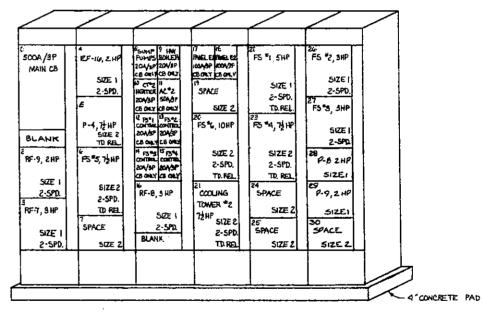


	MOTOR	100	ΙV	R	DL:	CE	NTER	MCC 20	8V, 3Ø, 3'	W, 400A I	MLO, EQUIPT. GRD.
CT. No.	ITEM SERVED	5!	ZE	POLES	STARTER SIZE	MCP/ CB TRIP	WIRE SIZE	CONTROL		PLOT LIGHTS	REMARKS
0	INCOMING LINE	Г	-1	_	_	7	_	_			MAIN LUGS DNLY
_	RF-I		2	3	1	15	6 "12 4 1"12 GRD	HI-LO-STOP PB		1-RED , 2-GRN	
2	RF-2		1	3		7	6"12 \$ 1"12 GRD	ļ <u></u>		1	2-SPEED
(L)	WF-2		ş	3	i	7	6 "12 6 1 "12 GRD				2-SPEED
4	RF-€		1/2	3	1	15	6"12 4 1 "12 GRD		 		2-SPEED - INTERLOCKED W/FS 4
5	RF-4		5	3	_ 1	30	6"10 \$ 1"10 GRD				2-SPEED -INTERLOCKED W/FS S ; TD RELAY
6	RF-19		34	3	_ +	7	6-12 + 1 -12 GRD			1	2- SPEED
7	P-2		갱	3	_ 2	50	3*8 \$ 1 *10 GRD	H-O-A		I-RED, I-GRN	_
8	RF-5			3	L	_ 7	6 12 1 12 GRD	HI-LO-STOP PE		I-RED , 2-GRN	2-SPEED - INTERLOCKED W/F5*5
9	WF-3		į.	_3_	-	_ 7	6"12 1"12 GRD			1 -	2-SPEED
10	RF-17		1]	3	_	7	6"12 1"12 GRD	i			2-SPEED-INTERLOOKED W/FS 4
11	RF-18		å]	3	_	7	6 72 1 12 GRD			<u> </u>	2-5PED
12	1- /-		5	5	1	30	6 10 ft 10 GPD	1		 	2-SPEED-INTERLOCKED W/FS%; TO RELAY
13	P-5	:	ŁΙ	3	1	7	3 12 1 12 670	H-O-∔		1-RED , I-GRN	
	SPARE	[-1	3		15		H-0-A		1-RED, 1-GRN	
15	COOLING TOWER *1		3	3	1	15	3 *12 4 1712 GRD	M-0-A		I-RED, I-GRN	TO RELAY
	REFRIG. 1	(2	177	3	''	60	3"4 1 10 GRD	_		T	BREAKER ONLY
17	REFRIG. *2		2	3		20	3 12 1 12 GRD	_		_	
ıβ			¥	9	_	20	3 -12 4 1 -12 GRD	_			
_	CT. I HEATER		<u>- 1</u>	3		ಂ	3 124 1 12 GRD	-		_	
	AC-I		4	3		20	3-12 + 1-12 GRD	_			
	P-6		ź	3		20	3-12 / 1-12 GRD	_		_	
	SPACE		-1	_]		-		_		-	
	SPACE.		\exists	$\equiv 1$	_			_		T	
24	RF-12_		1	3	1	7	0012 + 1412 GRD	H-LO-STOP PE		I- BED, 2 GRN	2 SPEED

	MOTOR COL	NTF	<u>}OL</u>	<u> CE</u>	ENT	ER MO	E 208/12 0 V,	3Ø, 4W, 500A	MCB, S/N, EQUIPT. GRD.
T. Io.	ITEM SERVED	HP SIZE	POLES	STARTER SIZE	MCP/ CB TRIP	WIRE SIZE	CONTROL	PILOT	REMARKS
٥	INCOMING LINE] -	_	-	500	1	_		MAIN CIRCUIT BREAKER
_		⊥	1		1		_		_
2	RF-9	2	3		स	642 \$ 142 GRD	H1-LO-STOP PE	1-RED, 2-GRN	2-SPEED INTERLOCKED W/FS*4
3	RF-7	3	_3	1	15	6 15 4 1 12 CRD			2-SPEED - INTERLOCKED W/FS 4
4	RF-16	1/2	3	1	15	6 * 12 \$ 1 *12 GPD	1	1	2 - SPEED - INTERLOCKED W/FS 4
5	P-4	75	3	2	50	3 * 8 \$ 1 * 10 GRD	H-O-A	I-RED, 1-GRN	TD RELAY
6	F5 *5	77	3	2	50	6 48 € 1 10 GRD	HI-UD-STOP P8	I-RED, 2-GRN	2-SPEED; TD RELAY
7	SPACE	Ţ <u>-</u>		1			_		
8	SUMP PUMP	(2) }	3		20	3 -12 & 1 -124RD			BREAKER CHLY
97	HW BOILER		3	-	20	3 12 \$ 1 12 GRD			
10	CT "Z HEATER	T -	3	-	20	3 12 1 112 GRD	-		
П	AC 2		3		50	3 6 1 1 10 GRD	_		
12	F5 *1 CONTROL	_	3	-	20	4 12 4 1 12 GRD		_	
13	F5 °2 CONTROL] -	3	-	20	4 12 4 1 12 GRD			
14	F5 °3 CONTROL		3	-	20	4 2 4 1 12 GRD	_		
15	FS *4 CONTROL	7-	3		20	4-12 + 1-12 GRD	_	_	
6	RF-8	2	3	1	15	6 72 4 1 12 GRD	HI-LO-STOP PB	1-RED, 2-GAN	2-SPEED ~ INTERLOCKED W/F5*4
17	PANEL "EI"	—	3	-	100	3*2			BREAKER ONLY
ΙB	PANEL "E2"	-	3	_	100	3 2	, <u> </u>		BREAKER ONLY
19	SPACE	7 - 7	-	1	-			· -	_
ဆ	F5 %	10	3	2	50	6841 10 GRD	HI-LO-STOP PB	1-RED 2-GRN	2-SPEED; TO RELAY
21	COOLING YOMER 2	5	3	,	30	6 *8 4 1 *10 GRD			2- SPEED ; TD RELAY
22	.F5.*i	5	3	· ·	30	6 10 4 1 12 GRD			2-SPEED ; TO RELAY
23	F5 *4	5	3	1	30	6 10 9 1 12 GRD			2-SPEED; TO RELAY
24	SPACE			· - i			 		†
25	SPACE	_		ı	-				
26	F5*2	5	3	1	30	6"10 4 1"12 GED	H1-LO-STOP PB	I-RED, 2-GRA	2-SPEED
	F\$*8	3	3	1	15	6 12 4 1 12 GRD	HI-LO-STOP PB		2-SPEED
	P-E	L	3	-	15	3 # 12 i 1 # 12 CRD	H-C-A		_
	P-9	2	3	1		3=12+1=12640			 _
30	-SPACE	_		T	_		_		



MOTOR CONTROL CENTER MCC

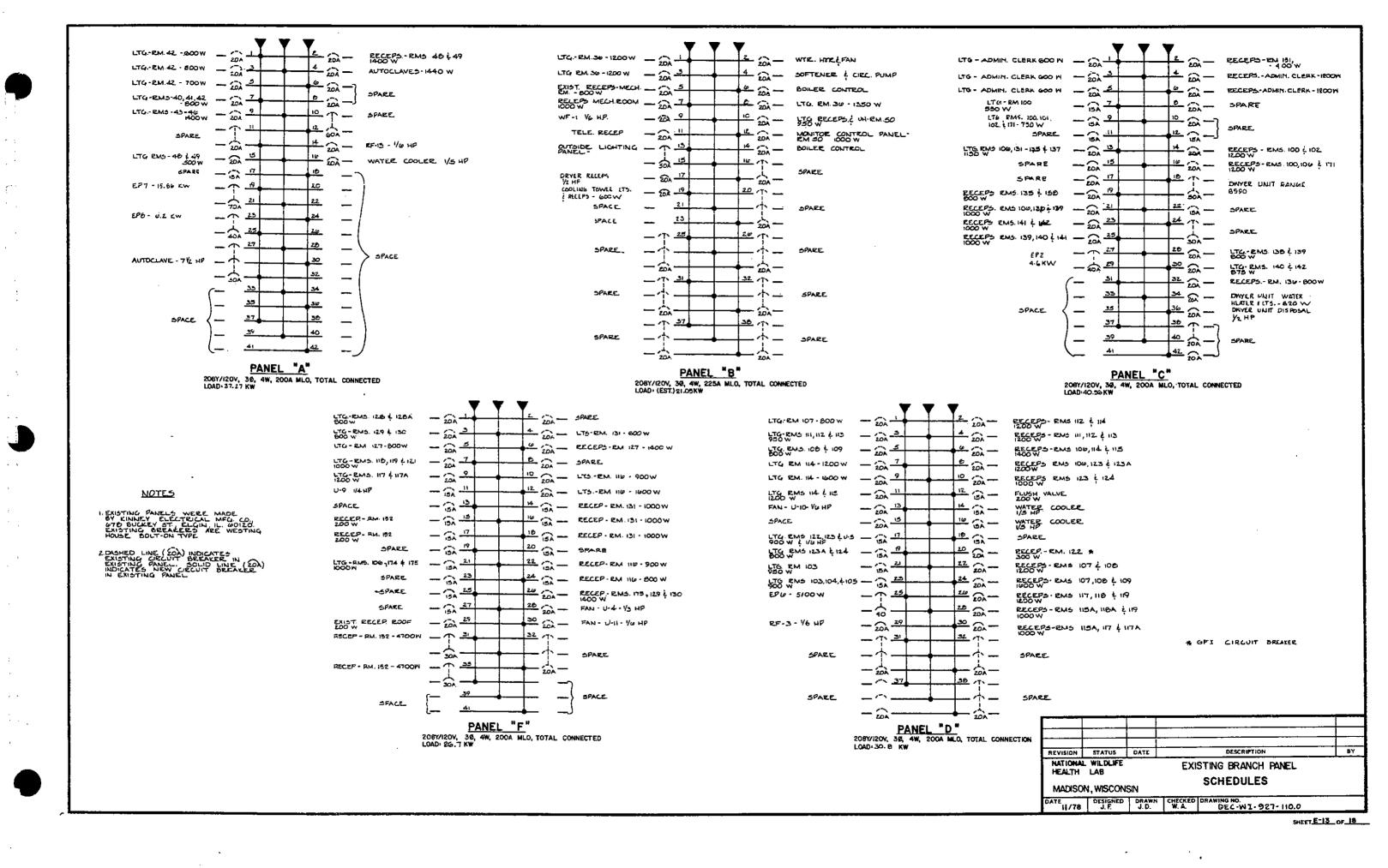


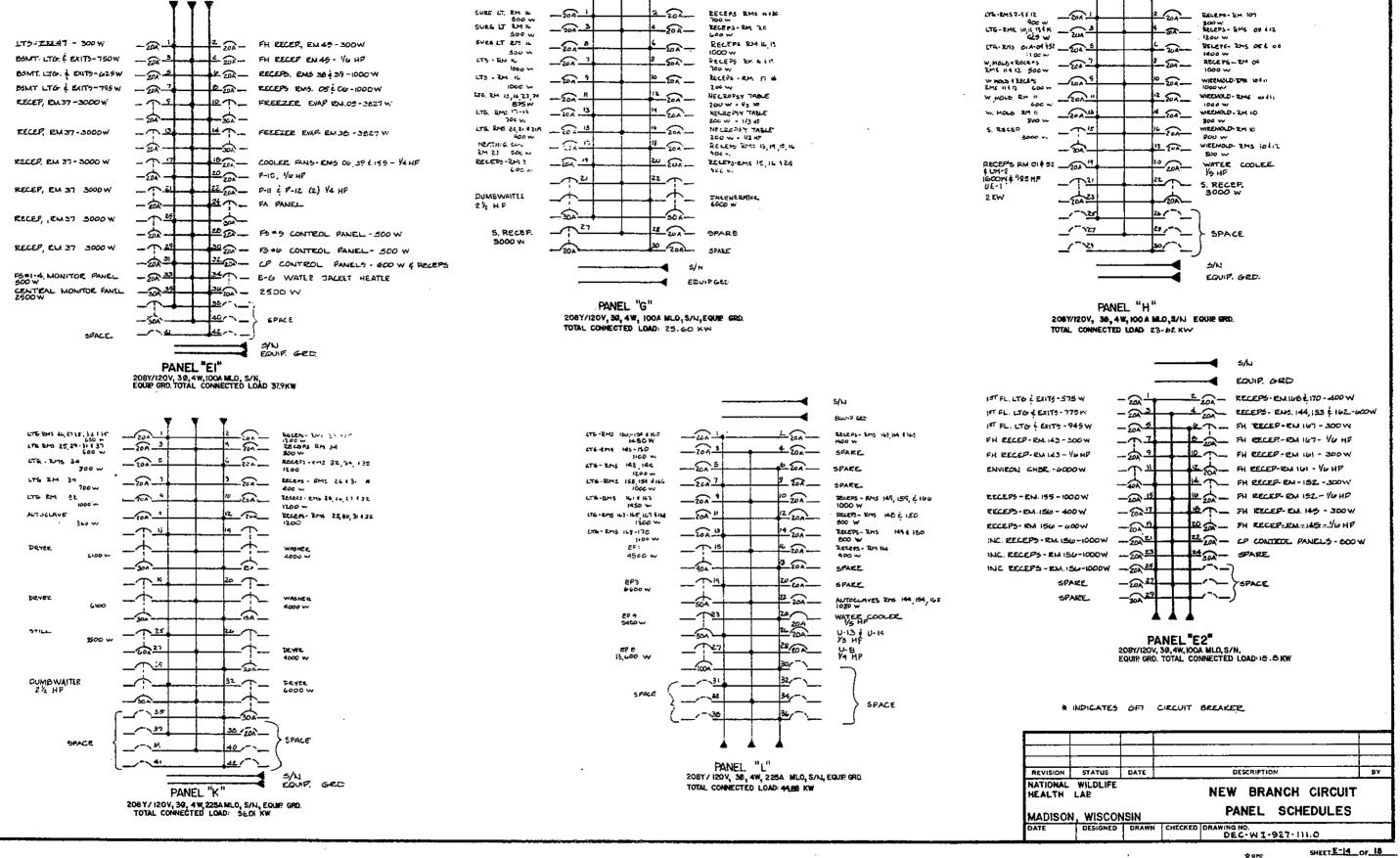
MOTOR CONTROL CENTER MCE

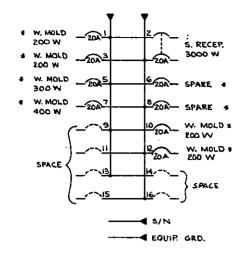
MOTE:

MOTOR CONTROL CENTERS SHALL BE BID UNDER TOHEDULE I. CIRCUITE POR EQUIPMENT SHALL BE BID UNDER THE SAME BIDDING SCHEDULE AS THE EQUIPMENT. SEE SHEETS M-57, M-58, AND M-59.

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REVISION	STATUS	DATE		DESCRIPTION	BY
NATIONAL HEALTH	WILDLIFE LAB			OR CONTROL CENTER	
MADISO	N, WISCON	SIN	JUNI	EDOFFO OF EFFAUNCED	
DATE II/78	DESIGNED J. F.	DRAWN D. G.	W.A.	DEC-WI-927-109.0	



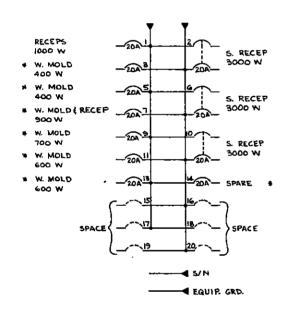




PANEL "EPI"

120/208 Y, 10, 3W, 125A MLO, S/N, EQUIP. GRD.

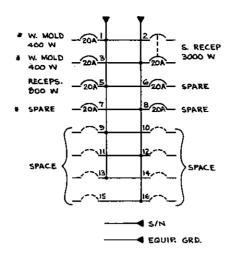
TOTAL CONNECTED LOAD: 4.8 KW



PANEL "EP5"

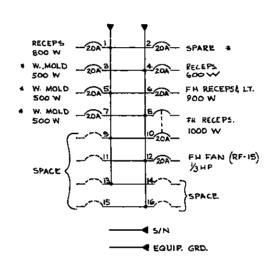
120/2084, 10, 3W, 125A MLO, SYN, EQUIP. GRD.

TOTAL CONNECTED LOAD: 13.6 KW



PANEL "EP2"

1201208V, 14, 3W, 1254 MLO, 5/N, EQUIP. GRD.
TOTAL CONNECTED LOAD: 4.6 KW

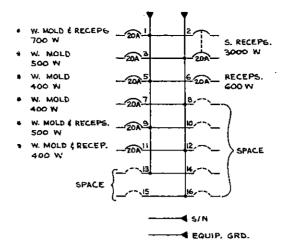


PANEL "EP6"

120/2084, 14, 3W, 126 A MLO, SIN, EQUIP. GRD.

TOTAL CONNECTED LOAD: 5.1 KW

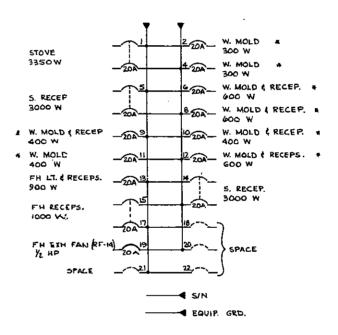
* INDICATES GET CIRCUIT BREAKER



PANEL "EP3"

120/2084, 14, 3W, 125A MLO, S/N, EQUIP. GRD.

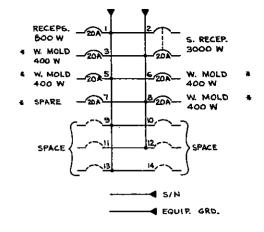
TOTAL CONNECTED LOAD: 6.6 KW



PANEL "EPT"

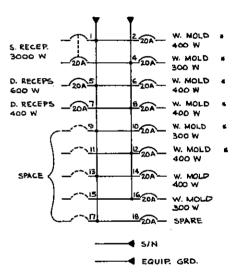
120/208V. 14, 3W, 125A MLO, SIN, EQUIP. GRD.

TOTAL CONNECTED LOAD: 15.8 KW



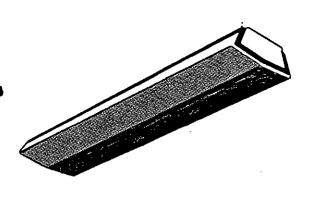
PANEL "EP4"

120/208V. 14, 3W, 125 A MLO, S/N, EQUIP. GRD.
TOTAL CONNECTED LOAD: 5.4 KW

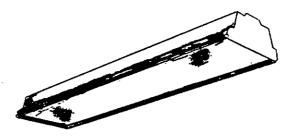


PANEL EPS 120/208V, 10, 3W, 125A MLO, S/N, EQUIP. GRD. TOTAL CONNECTED LOAD; 6.2 KW

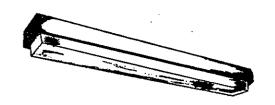
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REVISION	STATUS	DATE	DESCRIPTION	ВУ
	WILDLIFE LAB		LAB EQUIPMENT	•
MADES	M, WISC	ONSIN	PANEL SCHEDULES	
DATE 11/78	DESIGNED	DRAWN S. G.	CHECKED DRAWING NO. W.A. DEC-WI-927-112.0	



TYPES "A", "AI" 8 "A2"



TYPES "B", "BI", " G " & "H"



TYPES "C", "CI" & "C2"



TYPE "N"



TYPES "F","FI","F2" & "F3"



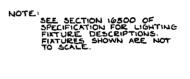
TYPES "D" & "DI"



TYPE "M"



TYPE "EX"





TYPES "X","XI","X2"&"X3"

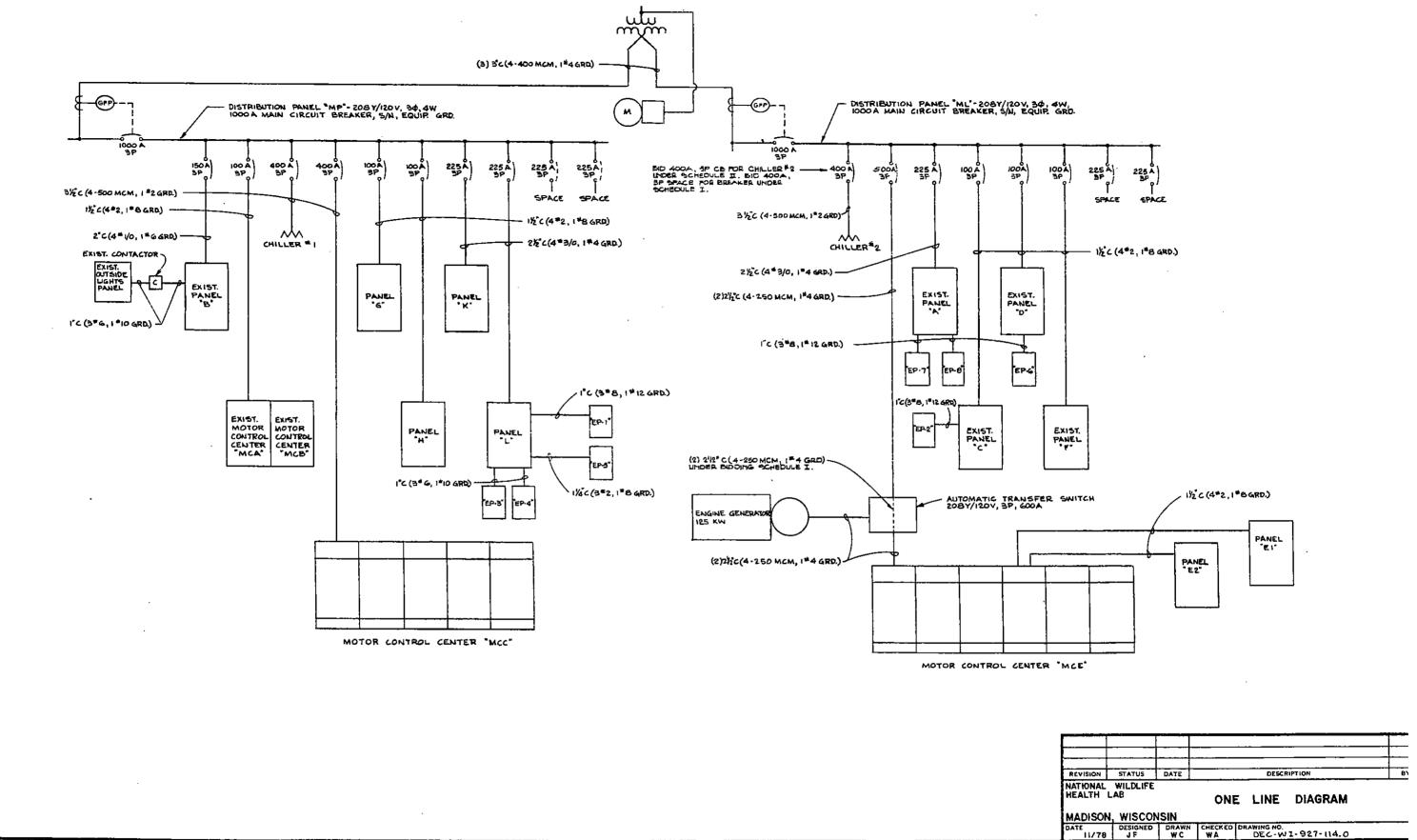
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REVISION	STATUS	DATE	DESCRIPTION	BY
NATIONAL HEALTH	L WILDLIFE LAB		LIGHTING FIXTURE	
MADISC	M, WISCO	NSIN	DETAILS	
DATE	DESIGNED	DRAWN	CHECKED DRAWING NO.	



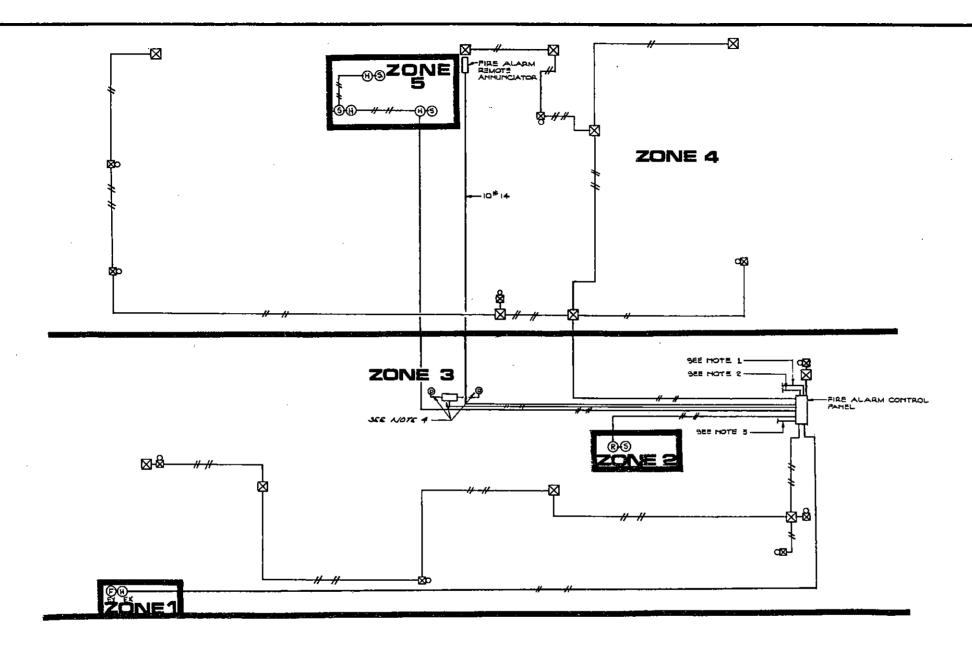


TYPES "K" & "KI"

SHEET E-16 OF 18



SHEET E-17 OF IE



FIRE ALARM RISER DIAGRAM NO SCALE

NOTES:

- L CONTROL WIRING TO MOTOR CONTROL CENTER "MCE" FOR FAN SYSTEM SHUTDOWN AND LAMINAR FLOW HOOD EXHAUST. FAN OVER-RIDE.
- 2. CONTROL WIRING TO HALON. EXSTINGUISHING RELEASING FOR ZONED 1, 2, AND 5.
- 4. WIRING TO WATER FLOW DETECTORS AND SUPERVISORY SWITCHES.
- 4. ELISTAIG SHORE DETECTORS AND RELAY PLANEL. SEE SMOKE DETECTION DETAIL ON SHI. MID

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REVISION	STATUS	DATE	DESCRIPTION	В
NATIONAL HEALTH I			FIRE ALARM RISER DIAGRAM	
MADISON	, WISCONS	NK.		
DATE	DESIGNED	DRAWN	CHECKED DRAWING NO.	

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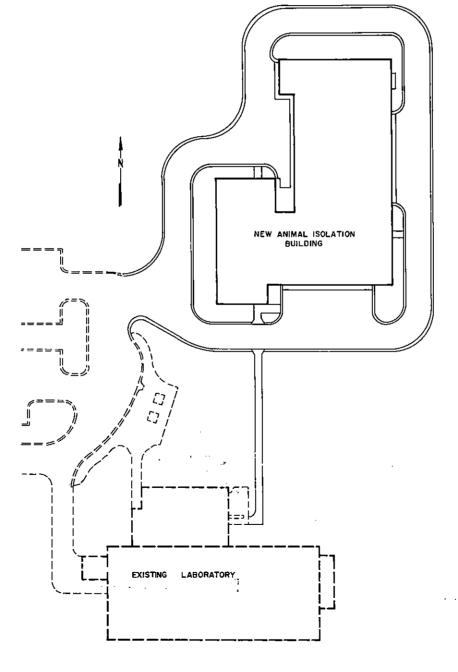
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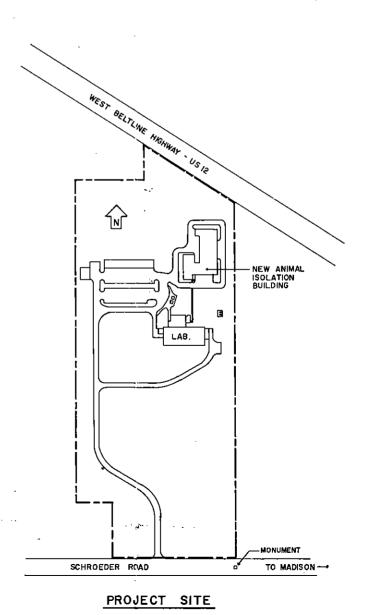
NATIONAL WILDLIFE HEALTH LABORATORY

MADISON, WISCONSIN

ANIMAL ISOLATION BUILDING







CHECKED W. B. S. DATE 7/84

DESIGNED W. B. S. DATE 7/84

DESIGNED W. B. S. DATE 7/84

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VICINITY MAP, PROJECT SITE AND SITE PLAN

SCONSIN

NT OF THE INTERIOR

DANE COUNTY
BTATES DEPARTMENT OF

1 NO.

174

DEC-WI-927-34

SITE PLAN

SITE WORK

L-1	348 .0	4 of 174	SITE PLAN AND EXISTING CONDITIONS	
L-2	349 .0	5 of 174	GRADING PLAN AND SUBSURFACE DRAINAGE	
L-3	350 .0	6 of 174	STAKING PLAN AND LAYOUT	
L-4	351 .0	7 of 174	FINISH GRADE AND SPOT ELEVATIONS	
L-5	352 .0	8 of 174	UTILITY PLAN-MECHANICAL AND ELECTRICAL	
L-6	353 .0	9 of 174	SOILS INFORMATION AND SITE DETAILS	
L-7	354 0	10 of 174	SITE DETAILS	
L-8	355 .0	11 of 174	SEWER MANHOLES AND THRUST BLOCK DETAILS	
L-9	356 .0	12 of 174	FENCE PLAN	
L-10	357 .0	13 of 174	FENCE DETAILS	

ARCHITECTURAL

A-1	358 .0	14 of 174	FIRST FLOOR PLAN
A-2	359 .0	15 of 174	SECOND FLOOR PLAN
A-3	360 .0	18 of 174	FIRST FLOOR PLAN 'A'
A~4	361 ,0	17 of 174	FIRST FLOOR PLAN 'B'
A-4 A-5	362 .0	18 of 174	FIRST FLOOR PLAN 'C'
A-6	363 .0	19 of 174	FIRST FLOOR PLAN 'D'
A-7	364 .0	20 of 174	FIRST FLOOR PLAN 'E'
	365 .0	21 of 174	FIRST FLOOR PLAN 'F'
A-8 A-9	366 .0	22 of 174	SECOND FLOOR PLAN 'G'
A-10	367 .0	22 of 174	SECOND FLOOR PLAN 'H'
			SECOND FLOOR PLAN 'J'
A-11	368 .0	24 of 174 25 of 174	SECOND FLOOR PLAN 'K'
A-12	370.0	26 of 174	SECOND FLOOR PLAN 'L'
A-13			
A-14	371 .0	27 of 174	SECOND FLOOR PLAN 'M'
A-15	372 .0	28 of 174	BUILDING ELEVATIONS
A-16	373 .0	29 of 174	BUILDING ELEVATIONS
A-17	374 .0	30 of 174	BUILDING SECTIONS
A-18	375 .0	31 of 174	BUILDING SECTIONS
. A-19	376 .0	32 of 174	WALL SECTIONS
A-20	377 .0	33 of 174	WALL SECTIONS
A-21	378 .0	34 of 174	WALL SECTIONS
A-22	379 .0	35 of 174	DOOR SCHEDULE, DOOR AND FRAME TYPES
A-23	380 .0	36 of 174	DOOR SCHEDULE AND FRAME DETAILS
A-24	381 .0	37 of 174	DOOR SCHEDULE AND FRAME DETAILS
A-25	382 .0	38 of 174	ROOM FINISH SCHEDULE
A-26	383 .0	39 of 174	ROOM FINISH SCHEDULE
A-27	384 .0	40 of 174	ROOM FINISH SCHEDULE
A-28	385 .0	41 of 174	MISC. DETAILS
A-29	386 .0	42 of 174	U V CHAMBER AND FASCIA DETAILS
A-30	387 .0	43 of 174	WINDOW, LADDER AND MISC. DETAILS
A-31	388 .0	44 of 174	MISC. DETAILS
A-32	389 .0	45 of 174	REFLECTED CEILING PLAN 'A'

_			DRAWING INDEX
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	DEC-WI-927-	NUMBER	
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A-34	391.0	47 of 174	REFLECTED CEILING PLAN 'C'
A-35	392 .0	48 of 174	REFLECTED CEILING PLAN 'D'
A-36	393 .0	49 of 174	REFLECTED CEILING PLAN 'E'
A-37	394 .0	50 of 174	REFLECTED CEILING PLAN 'F'
A-38	395 .0	51 of 174	REFLECTED CEILING PLAN 'G'
A-39	396 .0	52 of 174	REFLECTED CEILING PLAN 'H'
A-40	397 .0	53 of 174	REFLECTED CEILING PLAN 'J'
A-41	398 .0	54 of 174	REFLECTED CEILING PLAN 'K'
A-42	399 .0	55 of 174	REFLECTED CEILING PLAN 'L'
A-43	400 .0	56 of 174	REFLECTED CEILING PLAN 'M'
A-44	401 .0	57 of 174	ROOF PLAN 'N'
A-45	402 .0	58 of 174	ROOF PLAN 'O'
A-46	403 .0	59 of 174	ROOF PLAN 'P'
A-47	404 .0	60 of 174	ROOF PLAN 'Q'
A-48	405 .0	61 of 174	ROOF PLAN 'R'
A-49	406 .0	62 of 174	ROOF PLAN 'S'
A-50	407 .0	63 of 174	INTERIOR ELEVATIONS PLAN 'A'
A-51	408 .0	64 of 174	INTERIOR ELEVATIONS PLAN 'B'
A-52	409 .0	65 of 174	INTERIOR ELEVATIONS PLAN 'C'
A-53	410 .0	66 of 174	INTERIOR ELEVATIONS PLAN 'D'
A-54	411 .0	67 of 174	INTERIOR ELEVATIONS PLAN 'E'
A-55	412 .0	68 of 174	INTERIOR ELEVATIONS PLAN 'F'
A-56	413 .0	69 of 174	INTERIOR ELEVATIONS
A-57	414 .0	70 of 174	INTERIOR ELEVATIONS
A-58	415 .0	71 of 174	INTERIOR ELEVATIONS
A-59	416 .0	72 of 174	INTERIOR ELEVATIONS
A-60	417 .0	73 of 174	INTERIOR ELEVATIONS AND WORKTOP LAYOUTS
A-61	418 .0	74 of 174	LABORATORY FURNITURE SCHEDULE
A-62	419 .0	75 of 174	LABORATORY FURNITURE SCHEDULE
A-:63	420 .0	76 of 174	LABORATORY FURNITURE SCHEDULE
A-64	421 .0	77 of 174	COLOR SCHEDULE
A-65	422 .0	78 of 174	COLOR SCHEDULE
A-66	423 .0	79 of 174	COLOR SCHEDULE
A-67	424 .0	80 of 174	COLOR SCHEDULE
A-68	425 .0	81 of 174	COLOR SCHEDULE
A-69	426 .0	82 of 174	COLOR SCHEDULE

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S-2	428 .0	84 of 174	FOUNDATION PLAN 'B'	
S-3	429 .0	85 of ·174	FOUNDATION PLAN 'C'	
S-4	430 .0	86 of 174	FOUNDATION PLAN 'D'	
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S-6.	432 .0	88 of 174	FOUNDATION PLAN 'F'	
S-7	433 .0	89 of 174	FOUNDATION SECTIONS	
\$-8	434 .0	90 of 174	FLOOR SLAB PLAN 'A'	
S-9	435 .0	91 of 174	FLOOR SLAB PLAN 'B'	
S-10	436 .0	92 of 174	FLOOR SLAB PLAN 'C'	
S-11	437 .0	93 of 174	FLOOR SLAB PLAN 'D'	
S-12	438 .0	94 of 174	FLOOR SLAB PLAN 'E'	
S-13	439 .0	95 of 174	FLOOR SLAB PLAN 'F'	
S-14	440 .0	96 of 174	SLAB SECTIONS	

					/
REVISION	STATUS	DATE	DESCRIPTION	BY	/
ANIMAL I	I NATIONA LABORATO SOLATION L. WISCON	ORY' N BUILD!	DRAWING INDEX		•

			DRAWING INDEX
DRAWING CODE	DWG. NO. DEC-WI-927-	SHEET NUMBER	DESCRIPTION
S-15	441 .0	97 of 174	SECOND FLOOR FRAMING PLAN 'G'
S-16	442 .0	98 of 174	SECOND FLOOR FRAMING PLAN 'H'
S-17	443 .0	99 of 174	SECOND FLOOR FRAMING PLAN 'J'
S-18	444 .0	100 of 174	SECOND FLOOR FRAMING PLAN 'K'
8-19	445 .0	101 of 174	SECOND FLOOR FRAMING PLAN 'L'
8-20	446 .0	102 of 174	SECOND FLOOR FRAMING PLAN 'M'
S-21	447 .0	103 of 174	LOWER ROOF FRAMING PLAN 'N'
S-22	448 .0	104 of 174	LOWER ROOF FRAMING PLAN 'O'
S-23	449 .0	105 of 174	LOWER ROOF FRAMING PLAN 'P'
S-24	450 .0	106 of 174	LOWER ROOF FRAMING PLAN 'Q'
S-25	451 .0	107 of 174	LOWER ROOF FRAMING PLAN 'R'
S-26	452 .0	108 of 174	LOWER ROOF FRAMING PLAN 'S'
S-27	453 .0	109 of 174	UPPER ROOF FRAMING PLAN 'N'
S-28	454 .0	110 of 174	UPPER ROOF FRAMING PLAN 'O'
S-29	455 .0	111 of 174	UPPER ROOF FRAMING PLAN 'P'
S-30	456 .0	112 of 174	UPPER ROOF FRAMING PLAN 'Q'
S-31	457 .0	113 of 174	UPPER ROOF FRAMING PLAN 'R'
S-32	458 .0	114 of 174	UPPER ROOF FRAMING PLAN 'S'
S-33	459 .0	115 of 174	WALL SECTIONS
S-34	460 .0	116 of 174	LINTEL DETAILS AND LINTEL SCHEDULE
\$-35	461 .0	117 of 174	MASONRY DETAILS AND MASONRY NOTES

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M-2	463 .0	119 of 174	EQUIPMENT WATER PIPING PLAN AND SCHEMATIC
M-3	464 .0	120 of 174	WASTE AND VENT SCHEMATIC
M-4	465 .0	121 of 174	WASTE AND VENT SCHEMATIC
M-5	466 .0	122 of 174	TOXIC WASTE SYSTEM
M-6	467 .0	123 of 174	DUCTWORK PLAN 'A'
M-7	468 .0	124 of 174	DUCTWORK PLAN 'B'
M-8	469 .0	125 of 174	DUCTWORK PLAN 'C'
M-9	470 .0	126 of 174	DUCTWORK PLAN 'D'
M-10	471 .0	127 of 174	DUCTWORK PLAN 'E'
M-11	472 .0	128 of 174	DUCTWORK PLAN 'F'
M~12	473 .0	129 of 174	BUILDING WASTE AND VENT PLAN 'A'
M-13	474 .0	130 of 174	BUILDING WASTE AND VENT PLAN 'B'
M-14	475 .0	131 of 174	BUILDING WASTE AND VENT PLAN 'C'
M-15	476 .0	132 of 174	BUILDING WASTE AND VENT PLAN 'D'
M-16	477 .0	133 of 174	BUILDING WASTE AND VENT PLAN 'E'
M-17	478 .0	134 of 174	BUILDING WASTE AND VENT PLAN 'F'
M-18	479 .0	135 of 174	BUILDING STEAM AND WATER PLAN 'A'
M-19	480 .0	136 of 174	BUILDING STEAM AND WATER PLAN 'B'
M-20	481 .0	137 of 174	BUILDING STEAM AND WATER PLAN 'C'
M-21	482 .0	138 of 174	BUILDING STEAM AND WATER PLAN 'D'
M-22	483 .0	139 of 174	BUILDING STEAM AND WATER PLAN 'E'
M-23	484 .0	140 of 174	BUILDING STEAM AND WATER PLAN 'F'
M-2∔	485 .0	141 of 174	ROOF FAN PLAN 'N'
M-25	486 .0	142 of 174	ROOF FAN PLAN 'O'
M-26	487 .0	143 of 174	ROOF FAN PLAN 'P'
M-27	488 .0	144 of 174	ROOF FAN PLAN 'Q'
M-28	489 .0	145 of 174	ROOF FAN PLAN 'R'
M-29	490 .0	146 of 174	ROOF FAN PLAN 'S'
M-30	491 .0	147 of 174	EQUIPMENT GAS, OIL, STEAM, DRAIN AND AIR PIPING PLAN

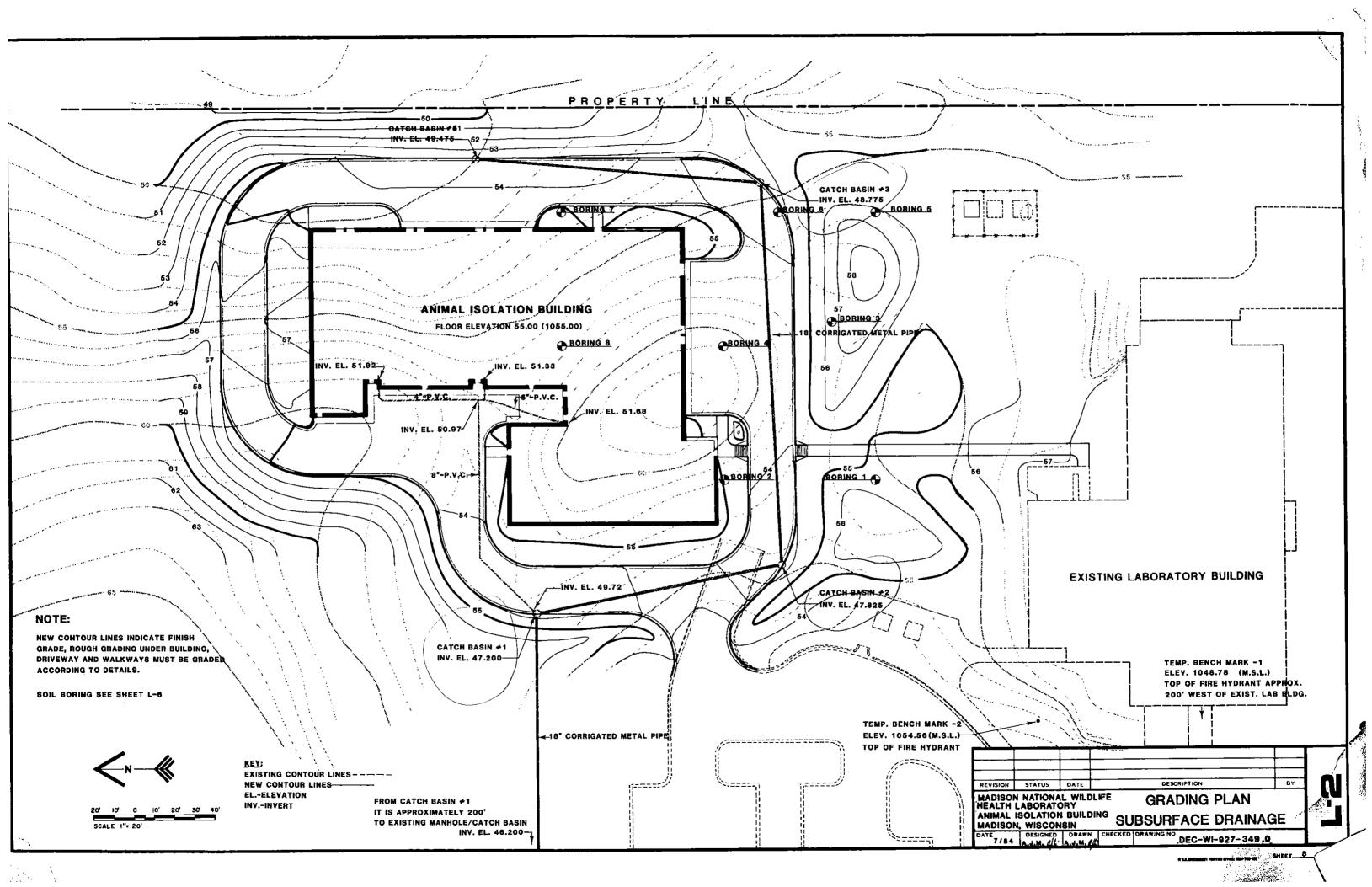
	DRAWING INDEX			
DRAWING CODE	DWG. NO. DEC-WI-927-	SHEET NUMBER	DESCRIPTION	
M-31	492 .0	148 of 174	EQUIPMENT HEAT AND COOL PIPING PLAN	
M-32	493 .0	149 of 174	EQUIPMENT SECTIONS	
M-33	494 .0	150 of 174	CHILLER, TOWER, BOILER, COILS, PUMP AND FAN DETAILS	
M-34	495 .0	151 of 174	EXCHANGER, DAMPER, FAN. DUCT AND DIFFUSER DETAILS	
M-35	496 .0	152 of 174	WATER SOFTNER, WATER HEATER AND COMPRESSOR DETAILS	
M-36	497 .0	153 of 174	STEAM BOILER, HUMIDIFIER AND OIL PUMP DETAILS	
M-37	498 .0	154 of 174	HEATER, OILTANK, BURNERS,TRAP AND BACKFLOW	
M-38	499 .0	155 of 174	CONTROL WIRING	
M-39	500 .0	156 of 174	TEMPERATURE AND STATIC PRESSURE CONTROLS	
M-40	501 .0	157 of 174	MAIN MONITOR PANEL AND CONTROL WIRING	
M-41	502 .0	158 of 174	EQUIPMENT PERFORMANCE SCHEDULE	
14-40	503.0	150 of 174	FOURMENT REPEORMANCE SCHEDULE	-

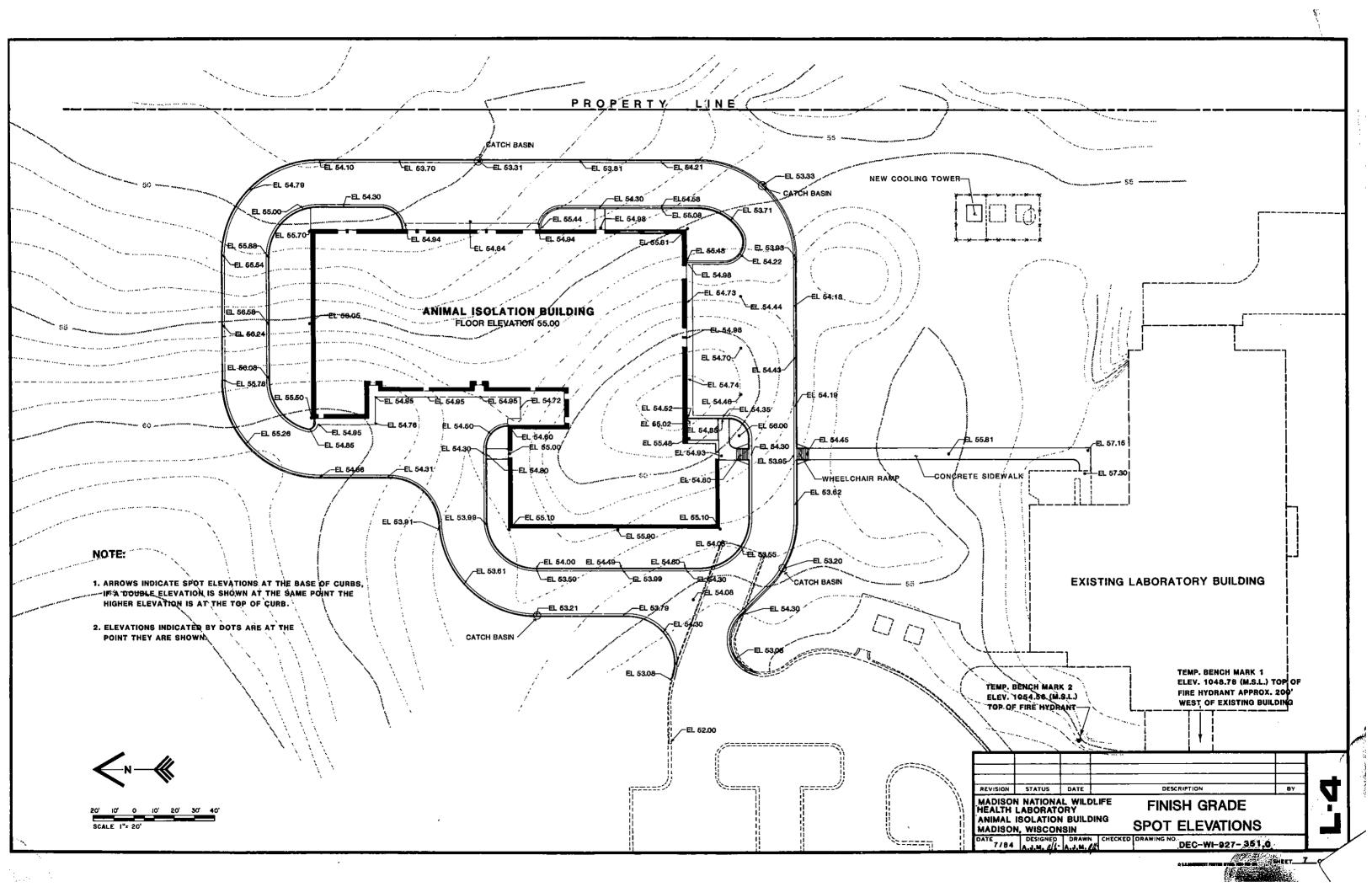
ELECTRICAL

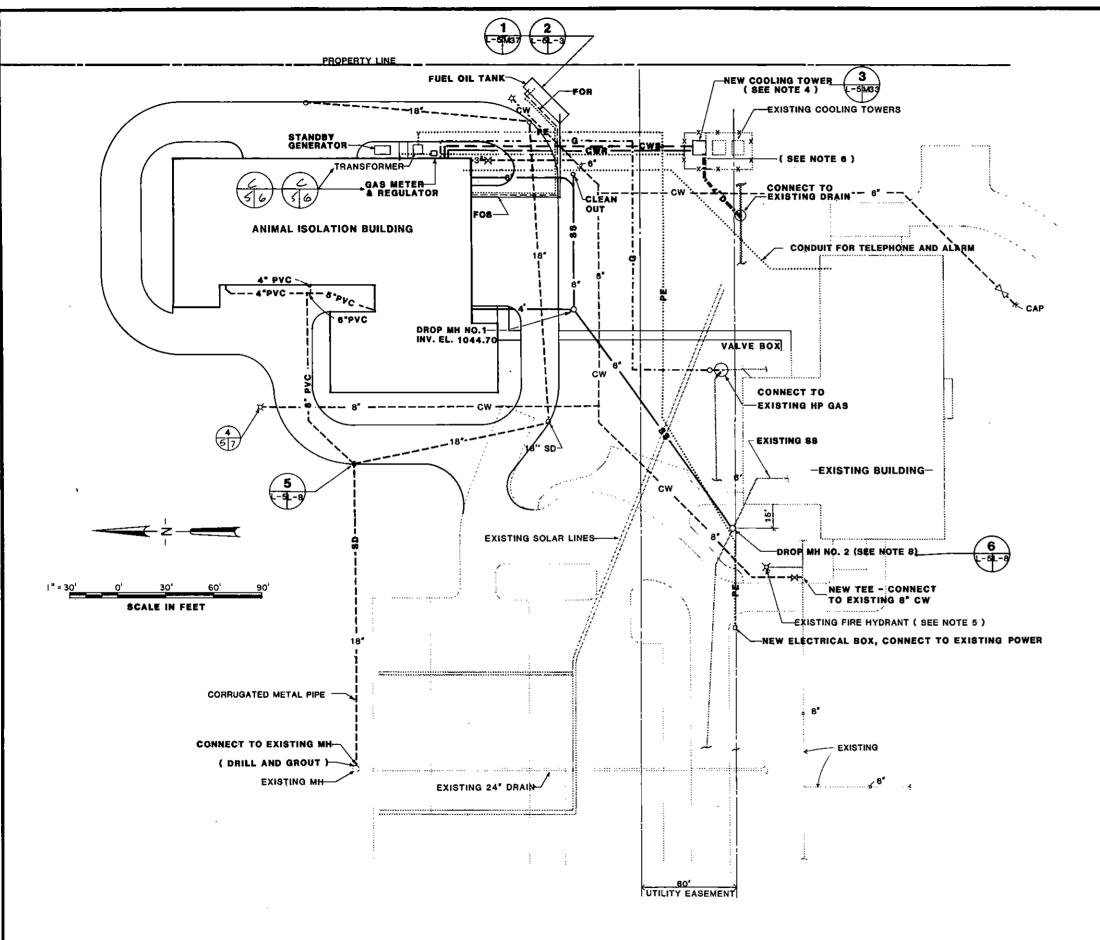
			<u> </u>	
E-1	504 .0	160 of 174	LEGEND AND SITE PLAN	
É-2	505 .0	161 of 174	ELECTRICAL PLAN 'A'	
E-3	506 .0	162 of 174	ELECTRICAL PLAN 'B'	
E-4	507 .0	163 of 174	ELECTRICAL PLAN 'C'	
E-5	508 .0	164 of 174	ELECTRICAL PLAN 'D'	
E-6	509 .0	165 of 174	ELECTRICAL PLAN 'E'	
E-7	510 .0	166 of 174	ELECTRICAL PLAN 'F'	
E-8	511 .0	167 of 174	ELECTRICAL SECOND FLOOR PLAN	
E-9	512 .0	168 of 174	SECOND FLOOR MECHANICAL CHASE AND DETAILS	
E-10	513 .0	169 of 174	LIGHTING FIXTURE DETAILS	_
E-11	514 .0	170 of 174	SERVICE DISTRIBUTION	
E-12	515 .0	171 of 174	MOTOR CONTROL CENTER SCHEDULES	
E-13	516 .0	172 of 174	PANEL SCHEDULES	
E-14	517 .0	173 of 174	PANEL SCHEDULES	
E-15	518 .0	174 of 174	PANEL SCHEDULES	

MADISON NATIONAL WILDLIFE HEALTH LABORATORY ANIMAL ISOLATION BUILDING			DRAWING INDEX	
REVISION	STATUS	DATE	DESCRIPTION	BY

/84 DESIGNED DRAWN CHECKED DRAWING NO...
/84 WRA WRA WBS DEC-WI-927-347,0







NOTES

- 1. BURY FUEL LINES IN THE SAME TRENCH 6" APART.
- 2. EXERCISE CAUTION IN EXCAVATING NEAR EXISTING PIPING OR STRUCTURES.
- 3. REFER TO L-8 FOR EQUIPMENT 8ASES FOR STAND-BY GENERATOR, TRANSFORMER AND GAS REGULATOR.
- 4. CONNECT NEW COOLING TOWER TO EXISTING COLD WATER MAKE-UP.
- 5. ROTATE EXISTING FIRE HYDRANT PUMPER CONNECTION TO FACE STREET
- 6. REMOVE FENCE BETWEEN EXISTING AND NEW COOLING TOWERS, AND EXTEND FENCE AROUND NEW TOWER. N.1.C.
- 7. REFER TO L-1 FOR AREAS TO HAVE PAVING REMOVED
- . PROTECTION FOR EXISTING BUILDING FOUNDATION MAY BE NECESSARY.

LEGEND

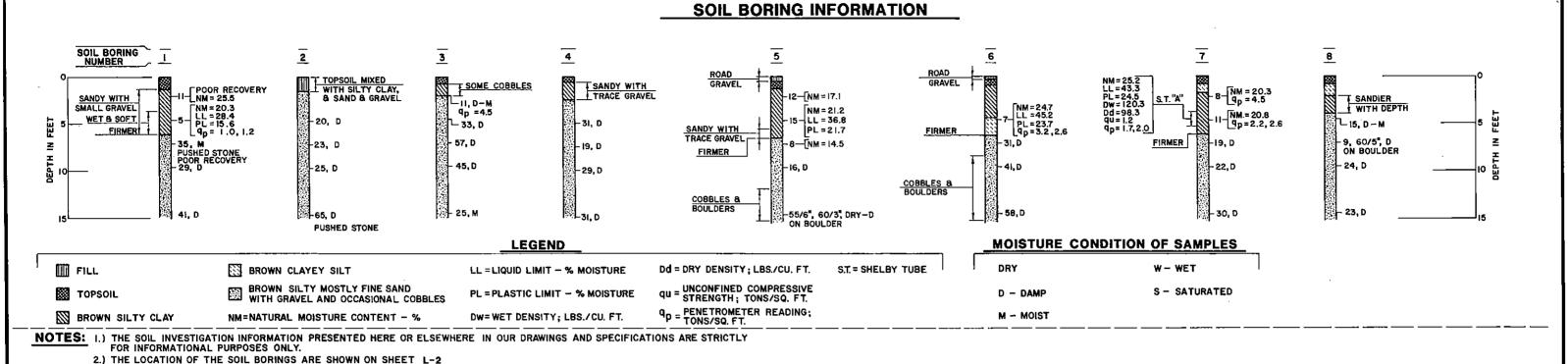
EXISTING	NEW	
	cw	COLD WATER
		GAS
	·······PE	PRIMARY ELECTRICAL - (HIGH VOLTAGE
	——58 ——	SANITARY SEWER
	8D	STORM DRAIN
	FOR	FUEL OIL RETURN (3/4" LINE)
	F08	FUEL OIL SUPPLY (1" LINE)
		FUEL OIL GAGE LINE
	CB	CATCH BASIN
	cwa	CONDENSER WATER RETURN (5" LINE)
	— — C#8 —	CONDENSER WATER SUPPLY (6" LINE)
	D	DRAIN

REVISION STATUS DATE DESCRIPTION BY
MADISON NATIONAL WILDLIFE MECHANICAL AND

MADISON NATIONAL WILDLIFE HEALTH LABORATORY ANIMAL ISOLATION BUILDING MADISON, WISCONSIN

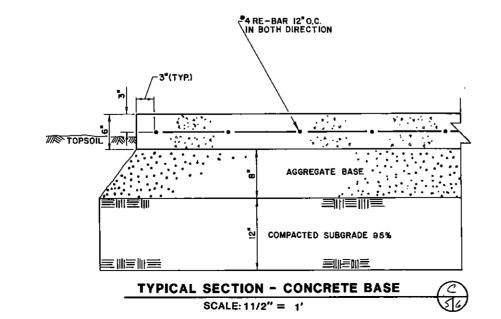
MECHANICAL AND ELECTRICAL UTILITIES PLAN

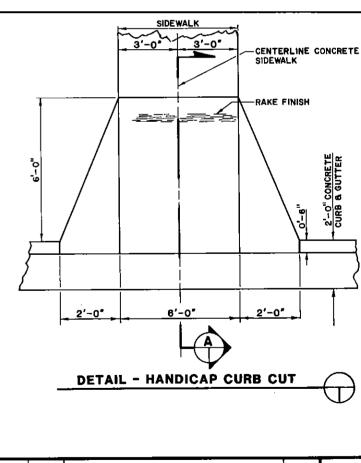
DATE 7/84 DESIGNED DRAWN CHECKED DRAWING NO. DEC-WI-927-352.0

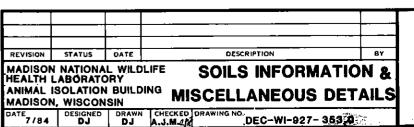


NOTE:

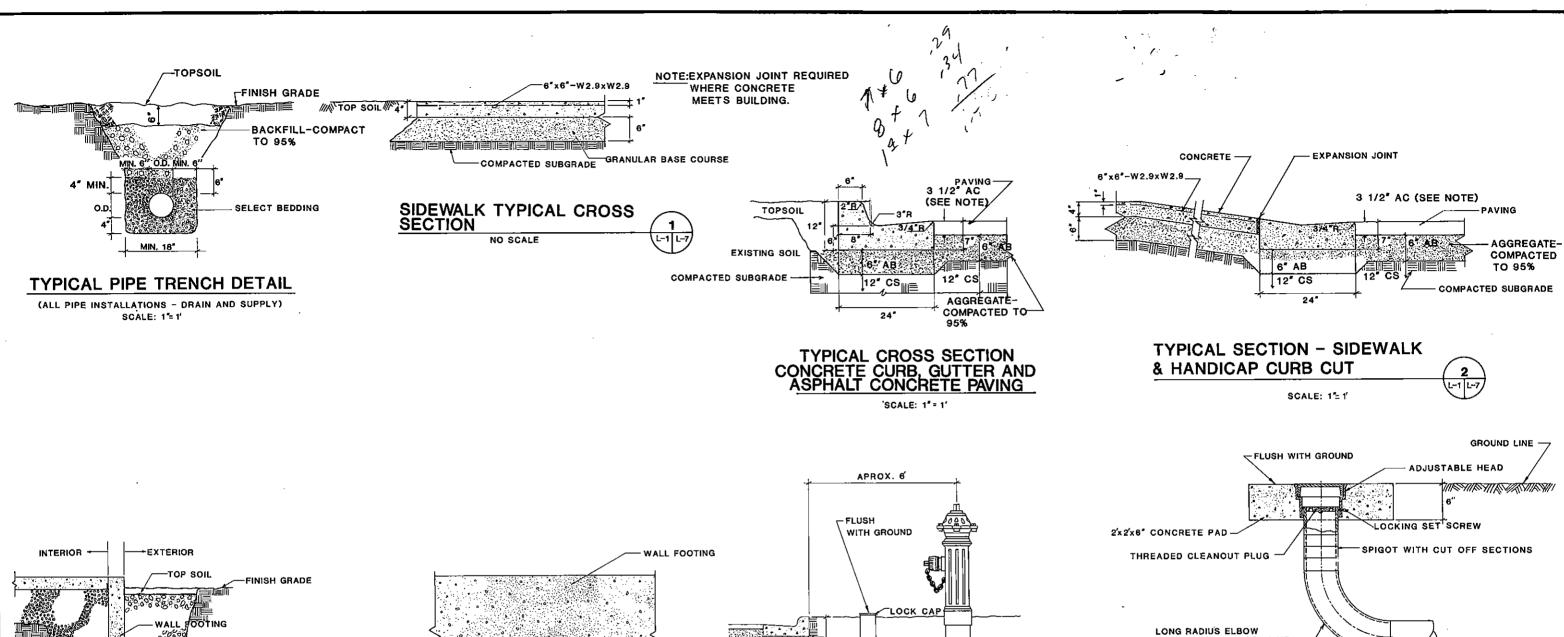
CONCRETE BASE IS TO BE PLACED UNDER COOLING TOWER, GAS METER. TRANSFORMER, STAND BY GENERATOR AND USED AS APRON AROUND BUILDING.

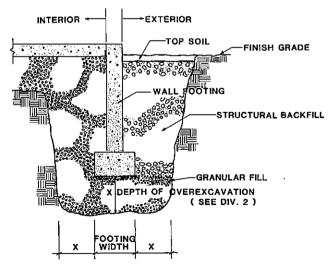






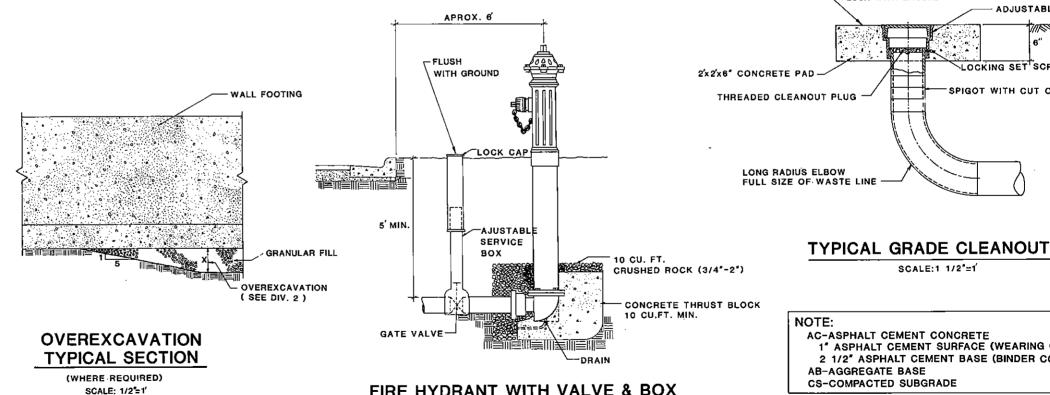
DEC-WI-927- 353 0





OVEREXCAVATION TYPICAL SECTION

(WHERE REQUIRED) SCALE: 1/2"=1"



FIRE HYDRANT WITH VALVE & BOX

(DRY BARREL)

NO SCALE



1" ASPHALT CEMENT SURFACE (WEARING COURSE)

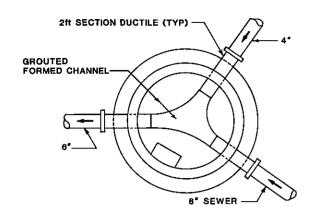
2 1/2" ASPHALT CEMENT BASE (BINDER COURSE)

DESCRIPTION REVISION STATUS DATE MADISON NATIONAL WILDLIFE HEALTH LABORATORY

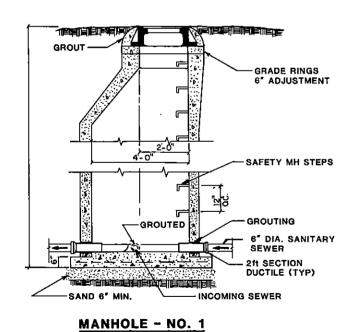
ANIMAL ISOLATION BUILDING MADISON, WISCONSIN

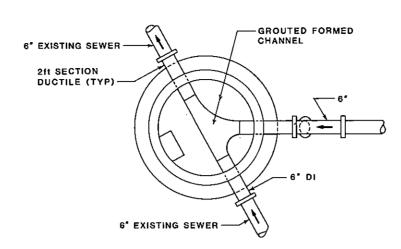
CLEANOUT, GUTTER, HYDRANT AND TRENCH

DATE DESIGNED DRAW DEC-WI-927-35440

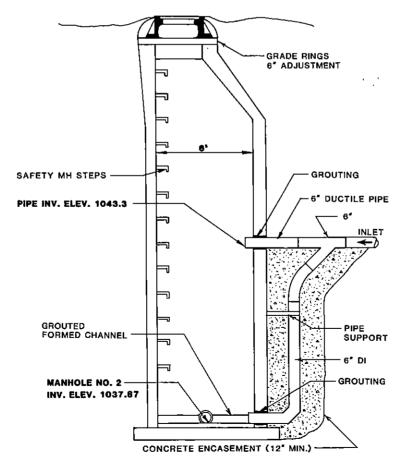


MANHOLE NO. 1 - PLAN VIEW

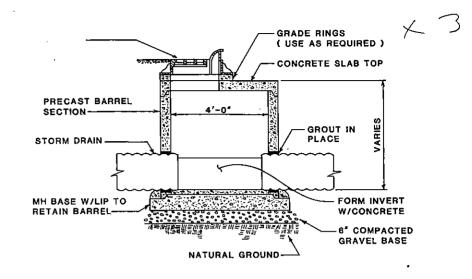




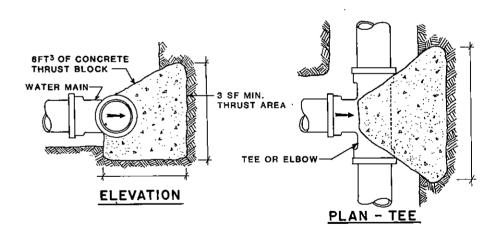
DROP MANHOLE NO. 2 - PLAN VIEW



DROP MANHOLE - NO. 2



TYPICAL CATCH BASIN



TYPICAL THRUST BLOCKS



THIS SHEET NOT TO SCALE

7/84

DESIGNED W G

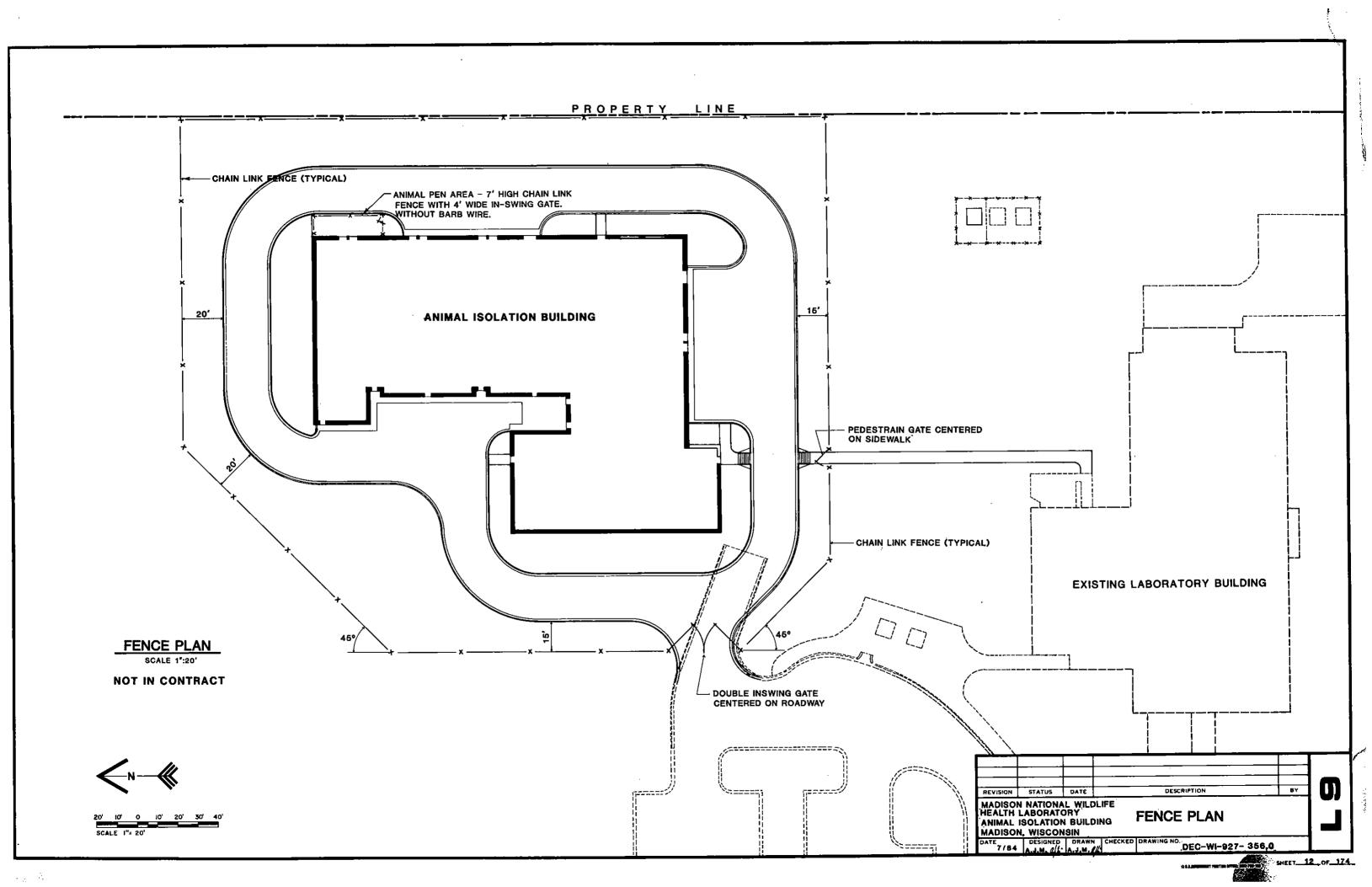
REVISION STATUS DATE DESCRIPTION BY

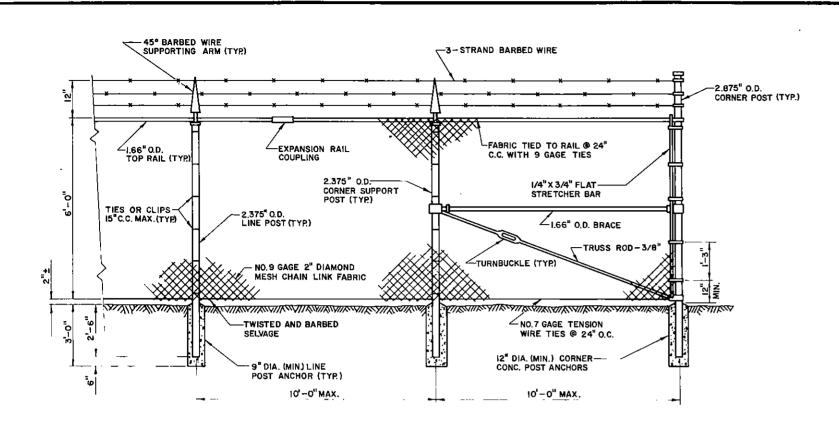
MADISON NATIONAL WILDLIFE
HEALTH LABORATORY
ANIMAL ISOLATION BUILDING
MADISON, WISCONSIN

THRUST BLOCK

A.J.M. DEC-WI-927-355.0

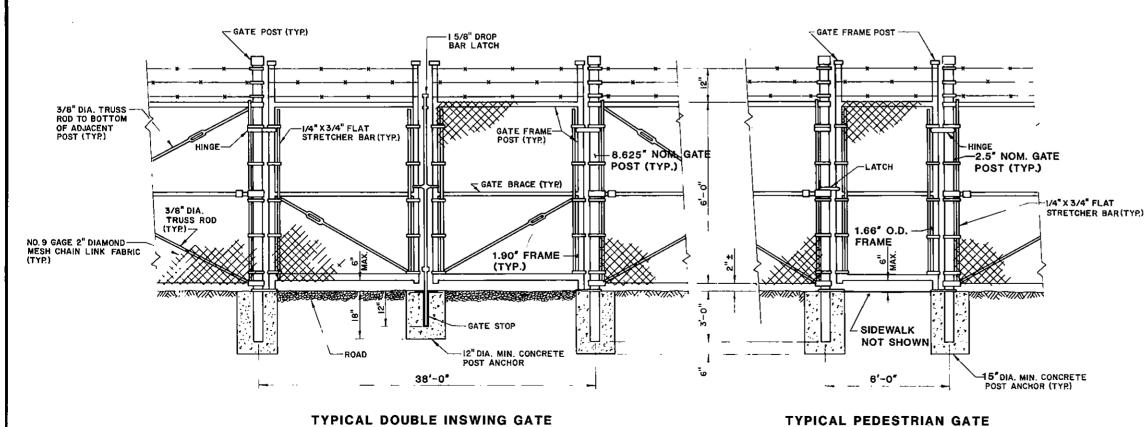
SHEET_11_OF_174





TYPICAL SECTION - CHAIN LINK FENCE
SCALE: NONE

SCALE: NONE



SCALE: NONE

NOTE: ANIMAL PEN AREA - 7' HIGH CHAIN LINK FENCE WITH 4' WIDE IN-SWING GATE. WITHOUT BARB WIRE.

MADISON NATIONAL WILDLIFE
HEALTH LABORATORY
ANIMAL ISOLATION BUILDING

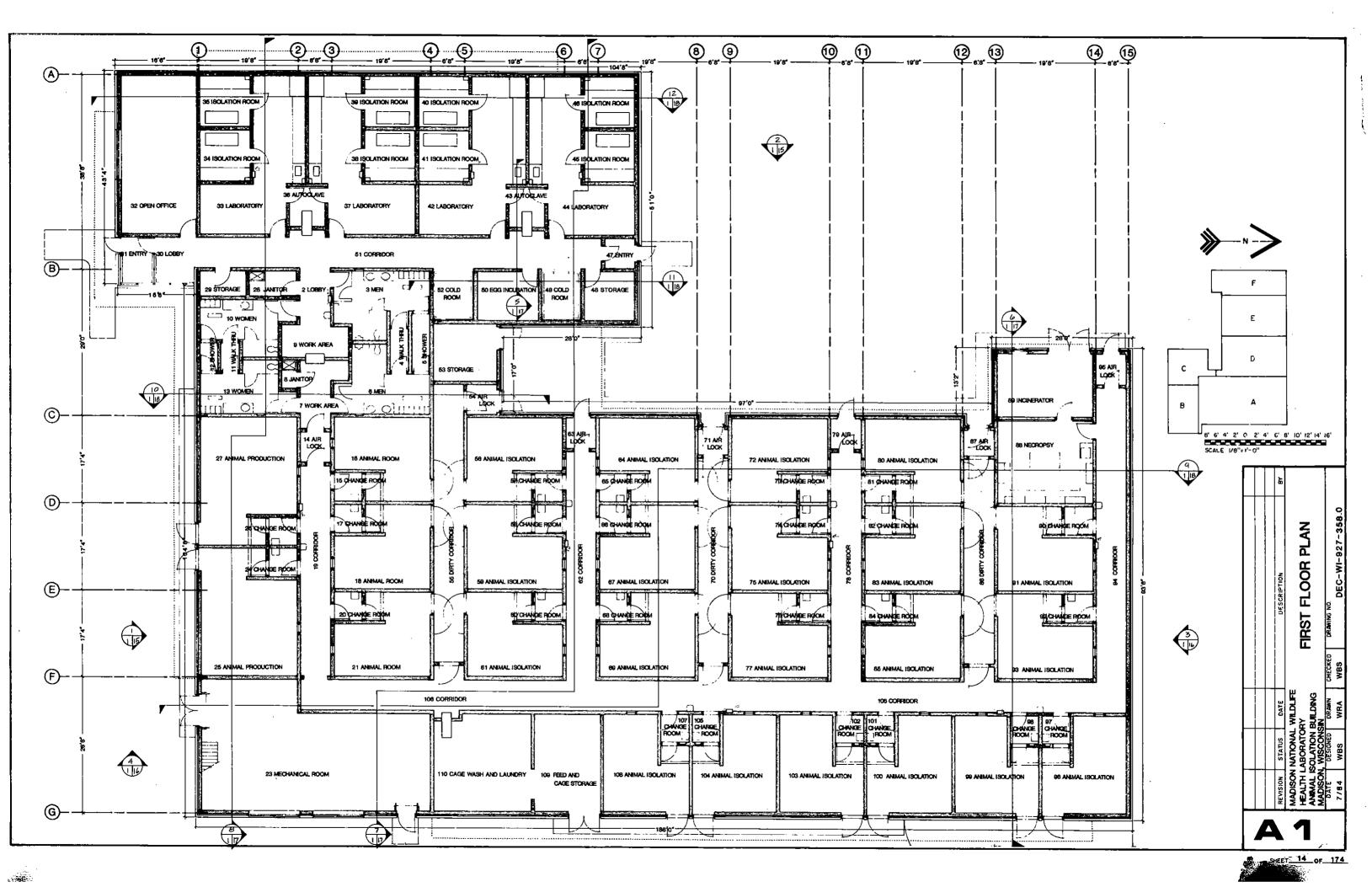
REVISION STATUS DATE
DESCRIPTION
BY

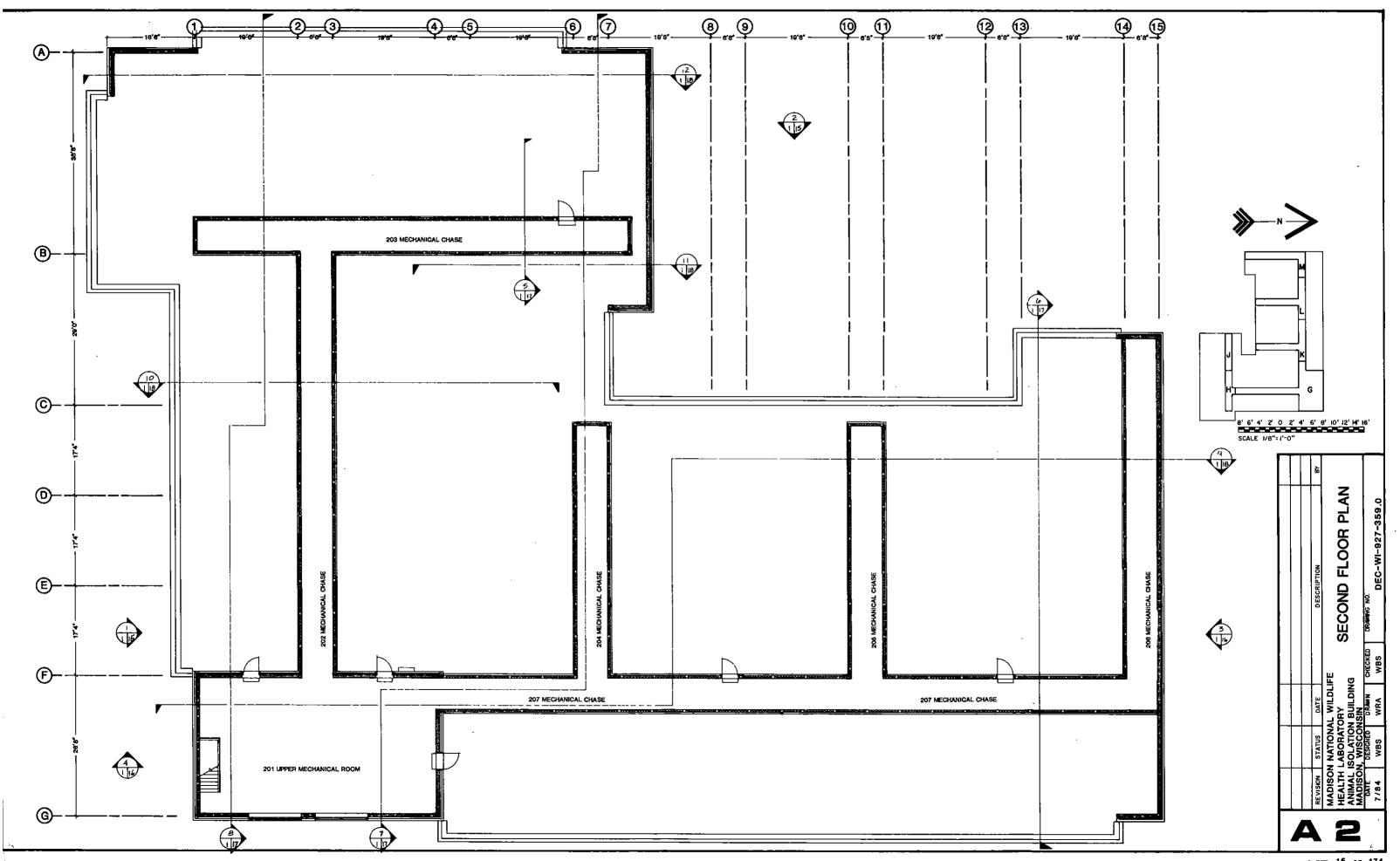
FENCE AND GATE

ANIMAL ISOLATION BUILDING
MADISON, WISCONSIN

DATE
7/84
DEC
D.J. J.V.R.
DEC-WI-927- 357,0

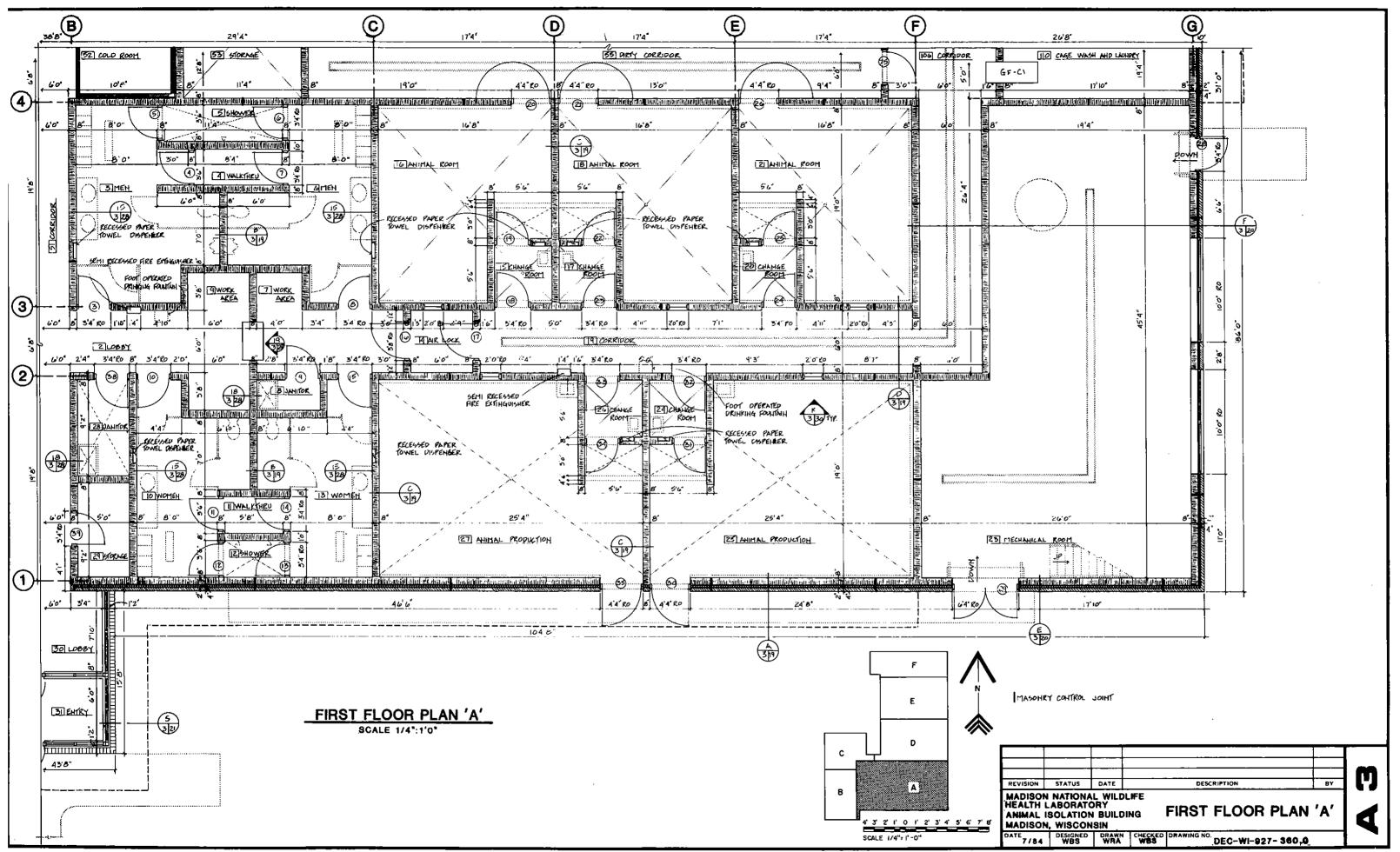
Friedministranismic displaces Scient 13 of 174

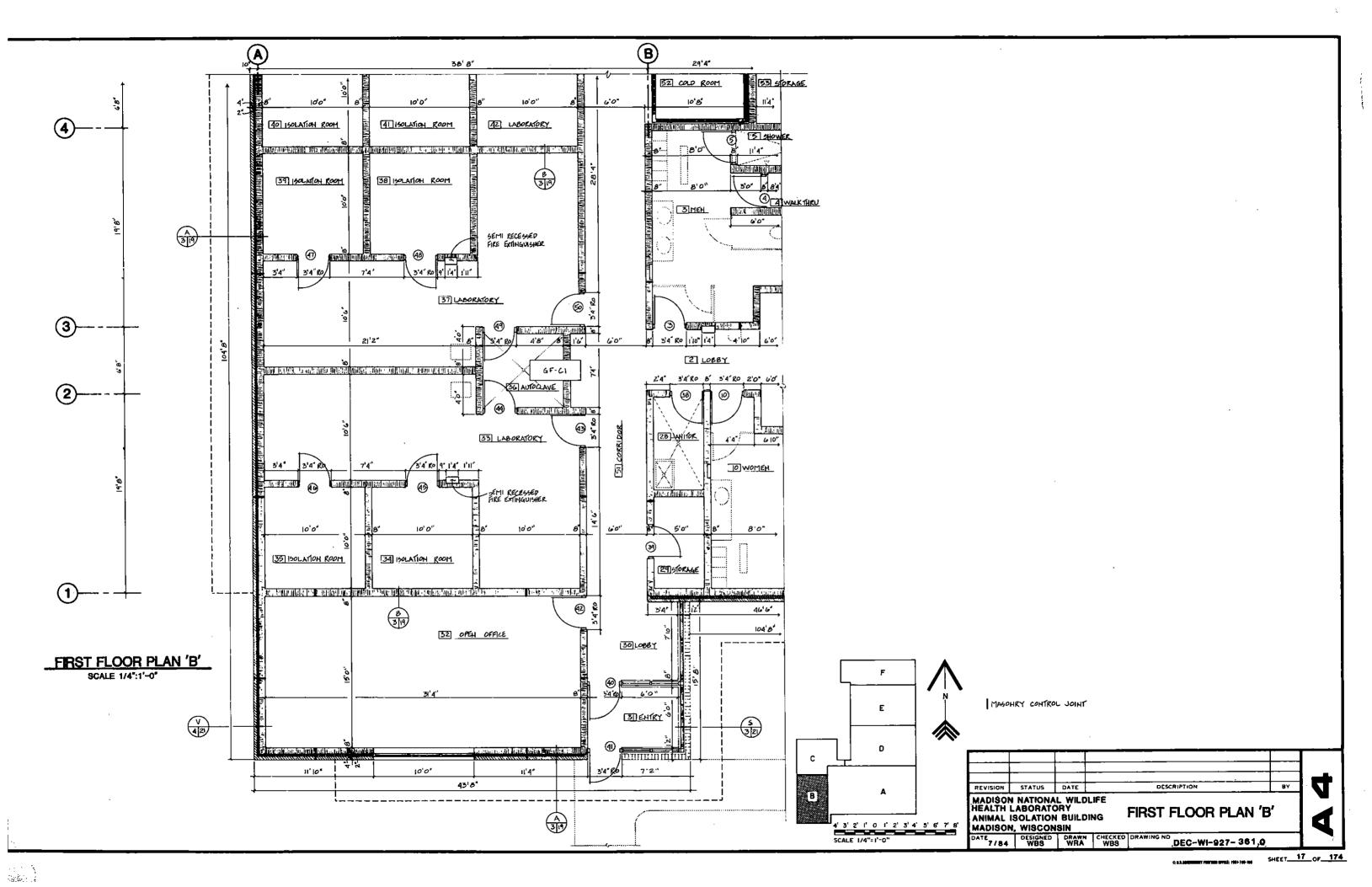


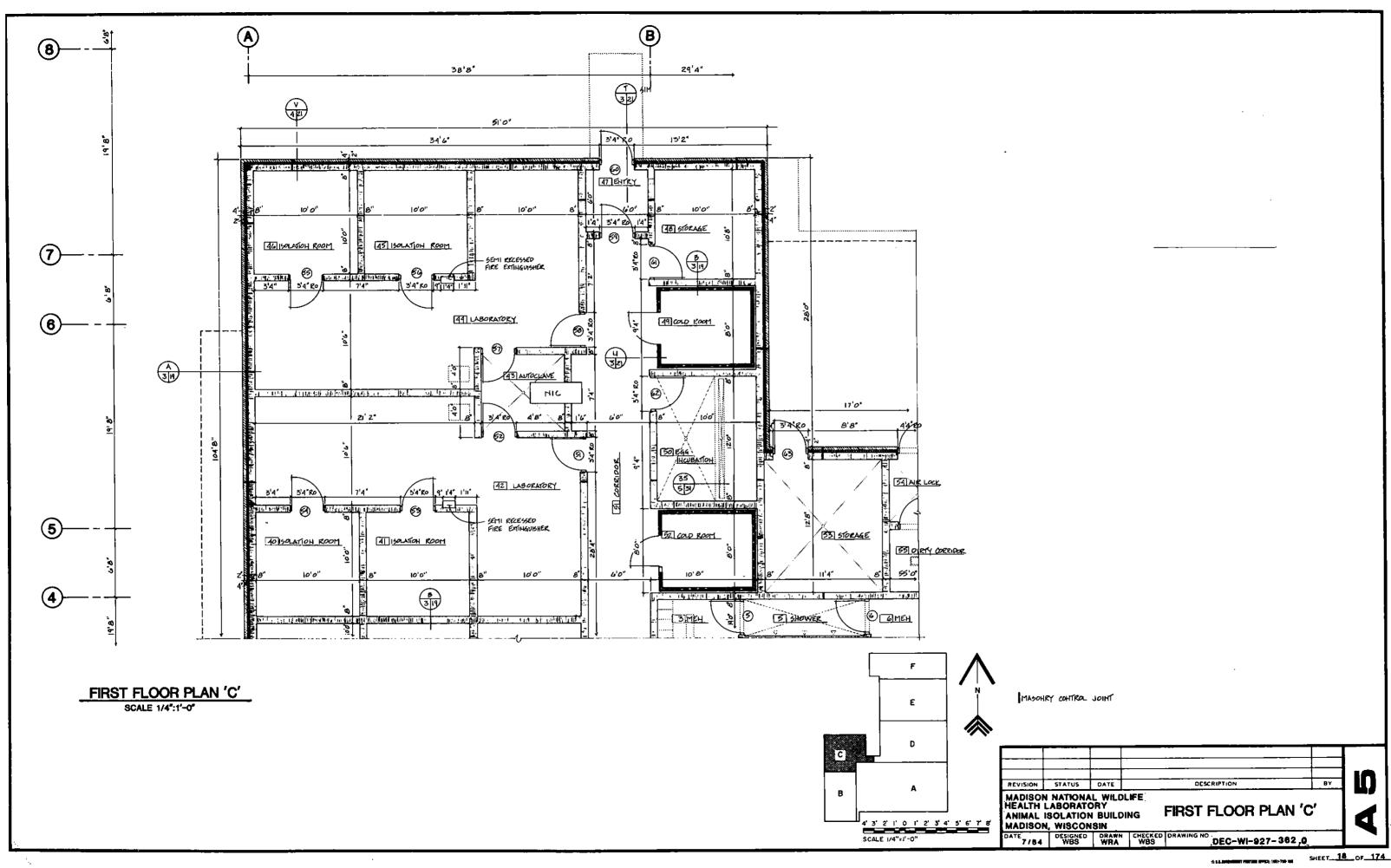


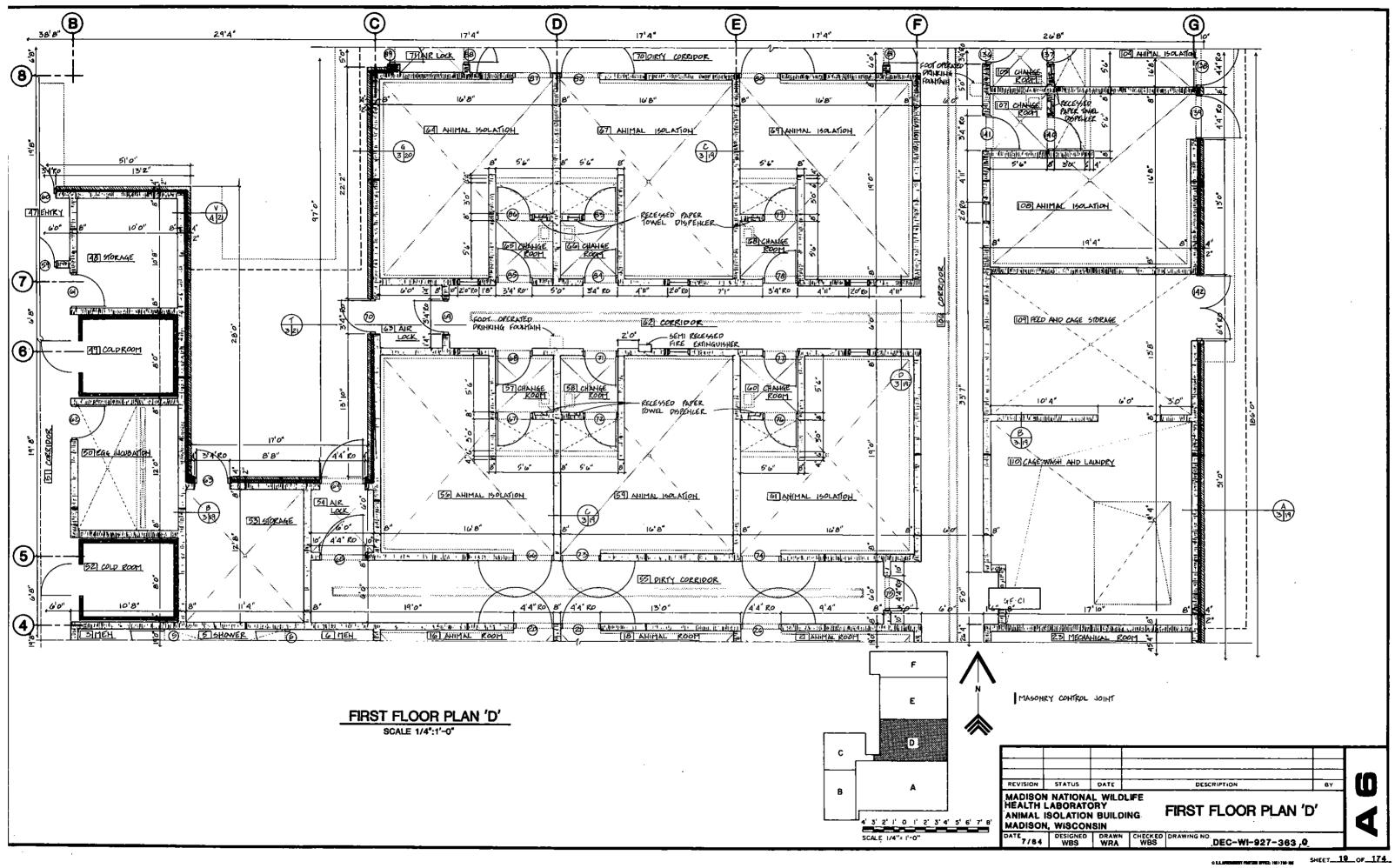
SHEET 15 OF 174

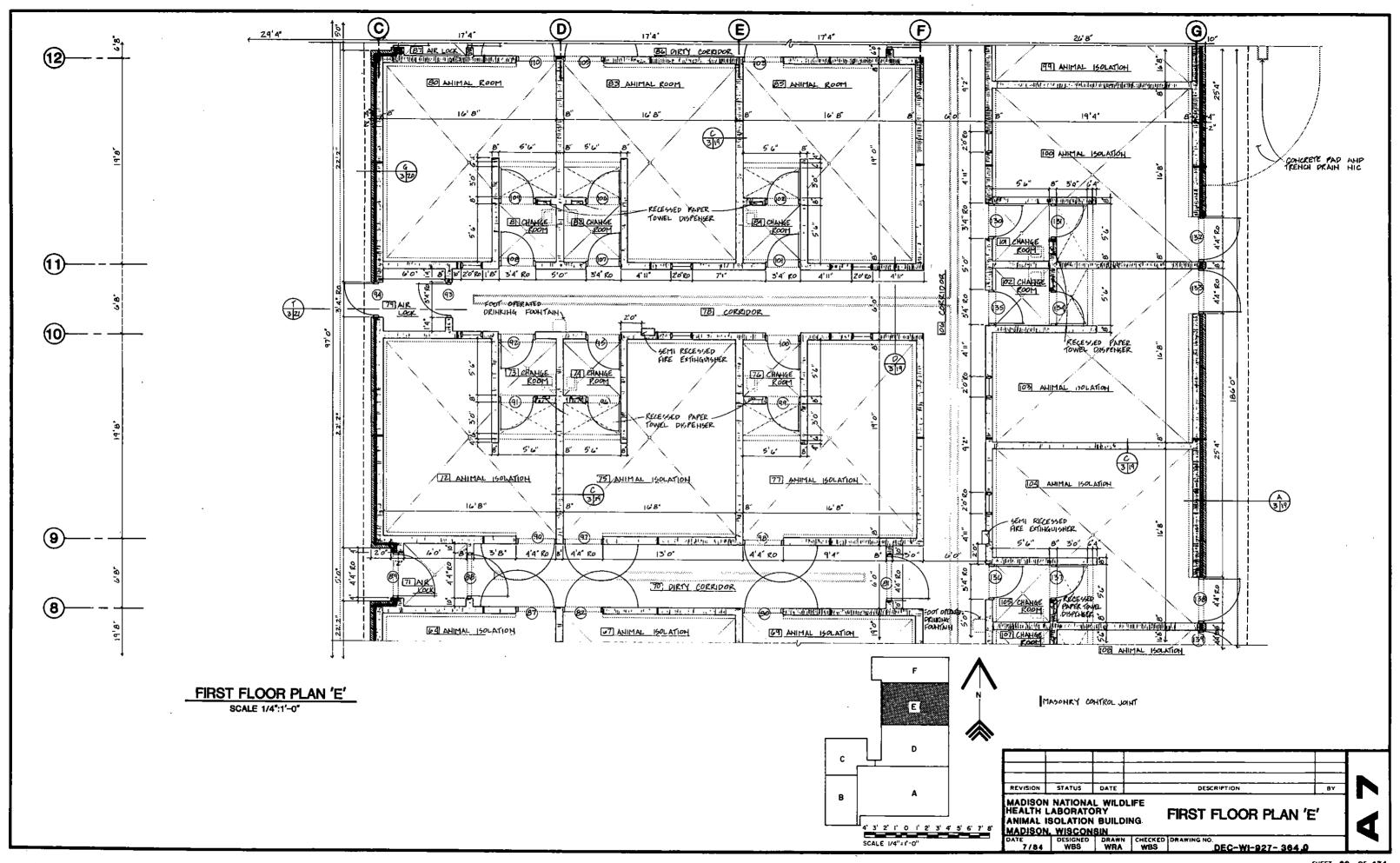
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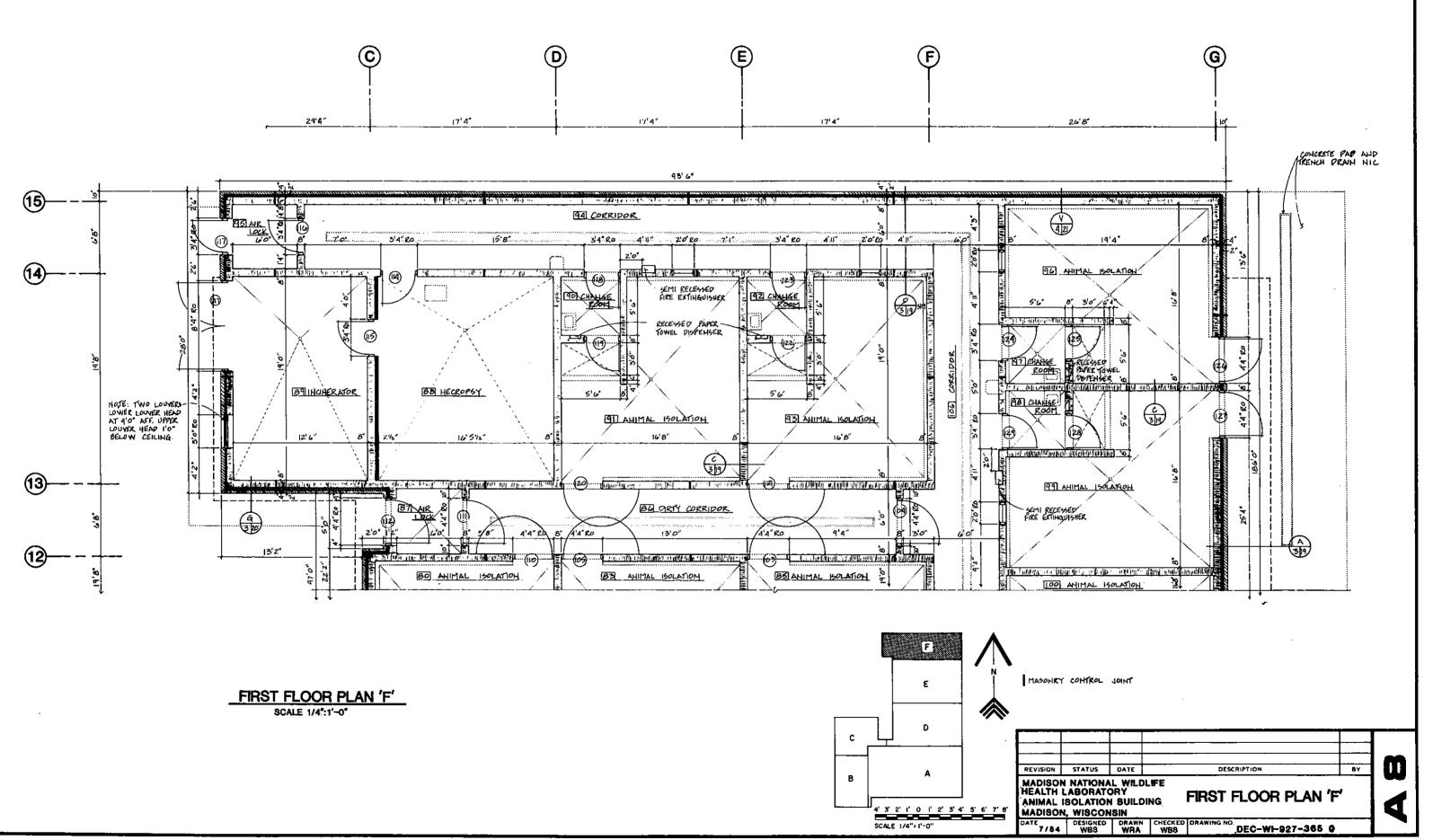






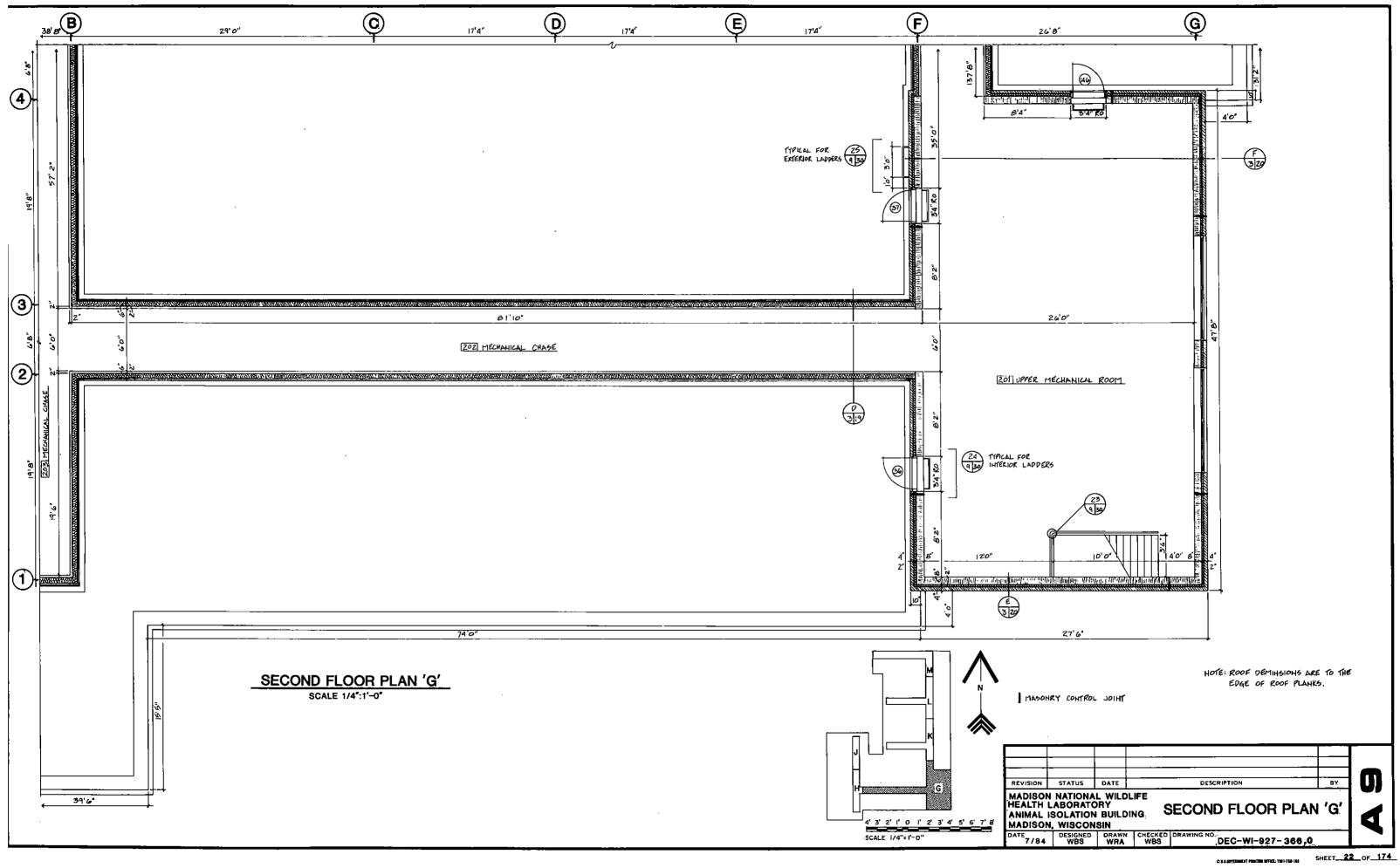


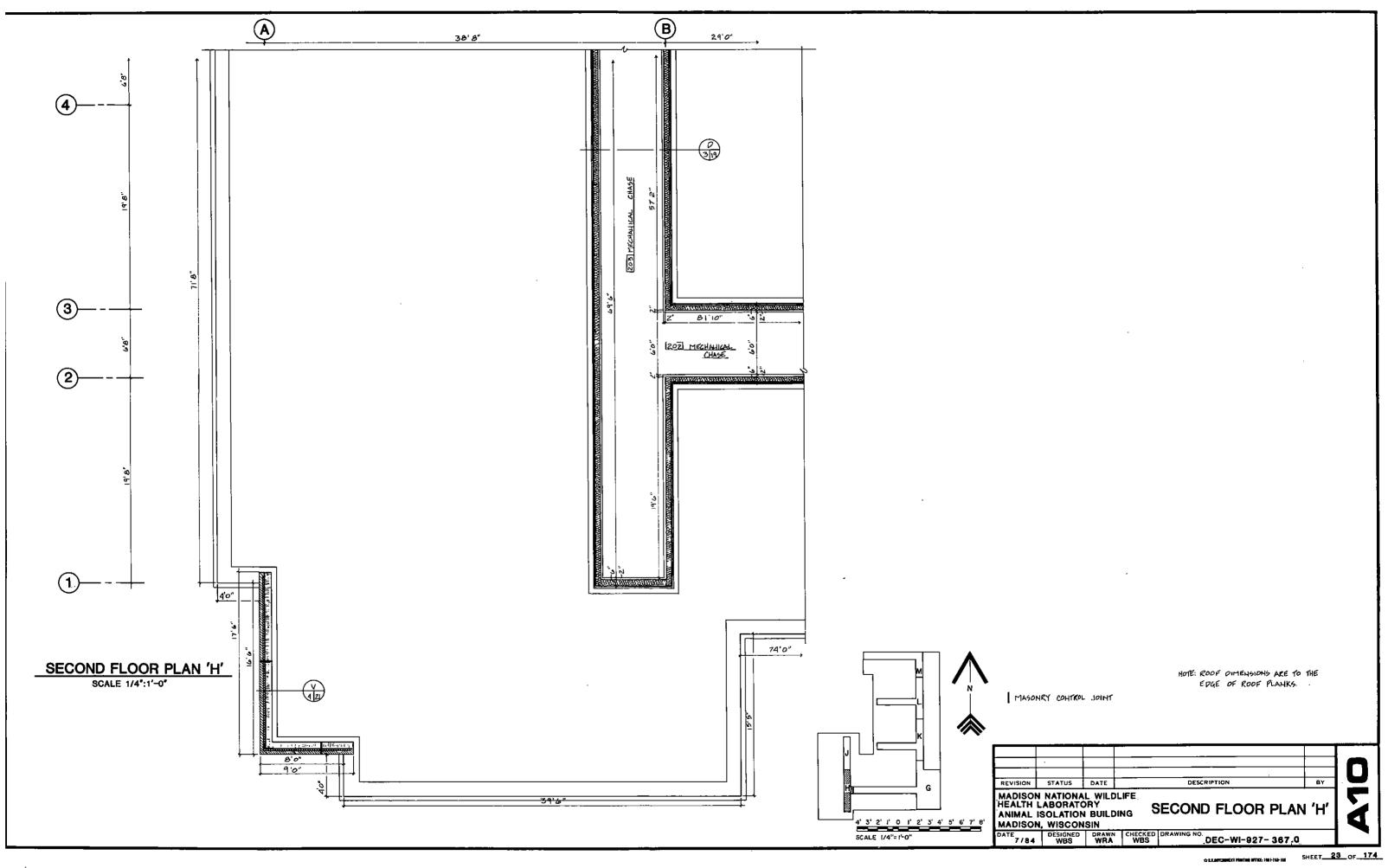


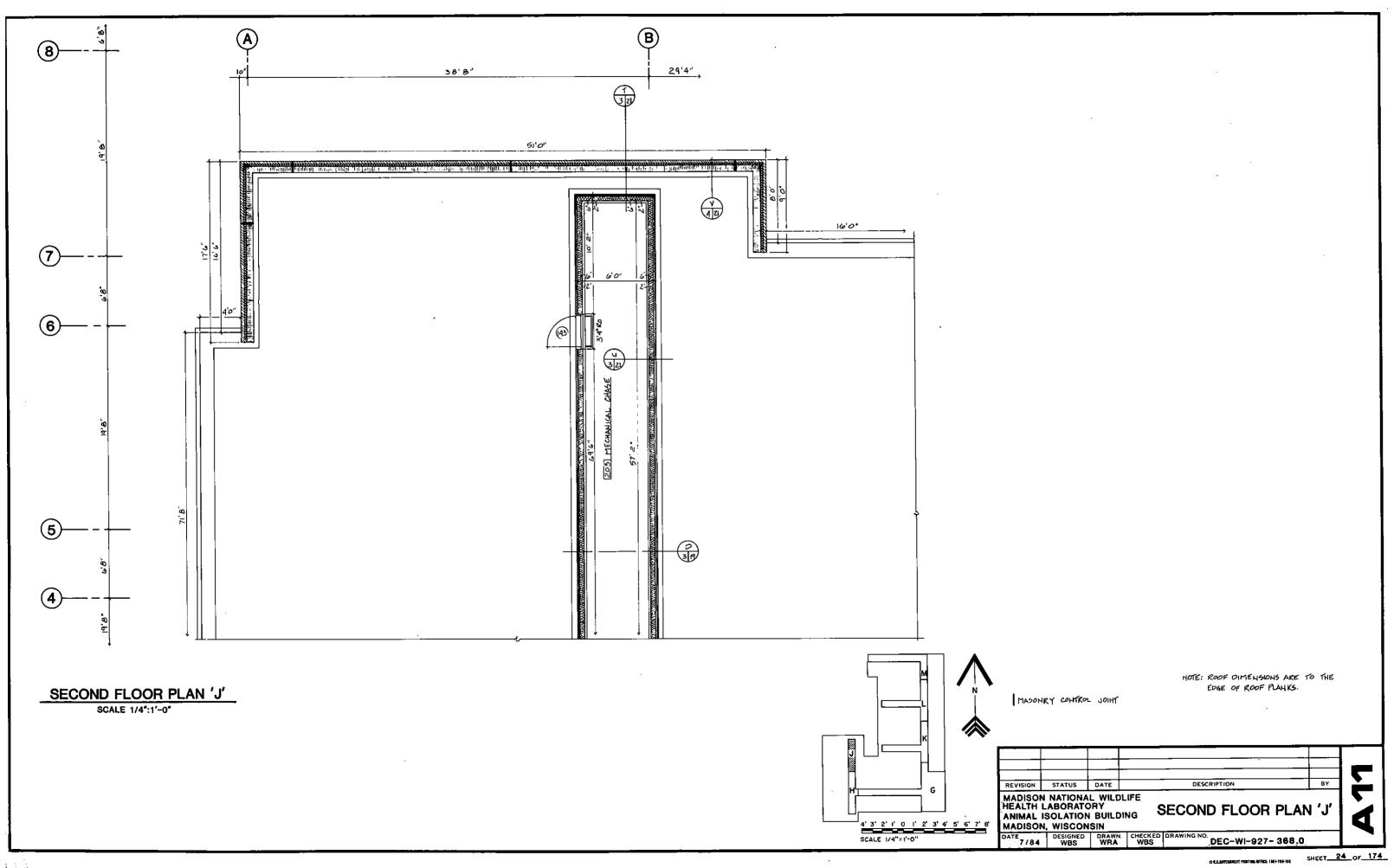


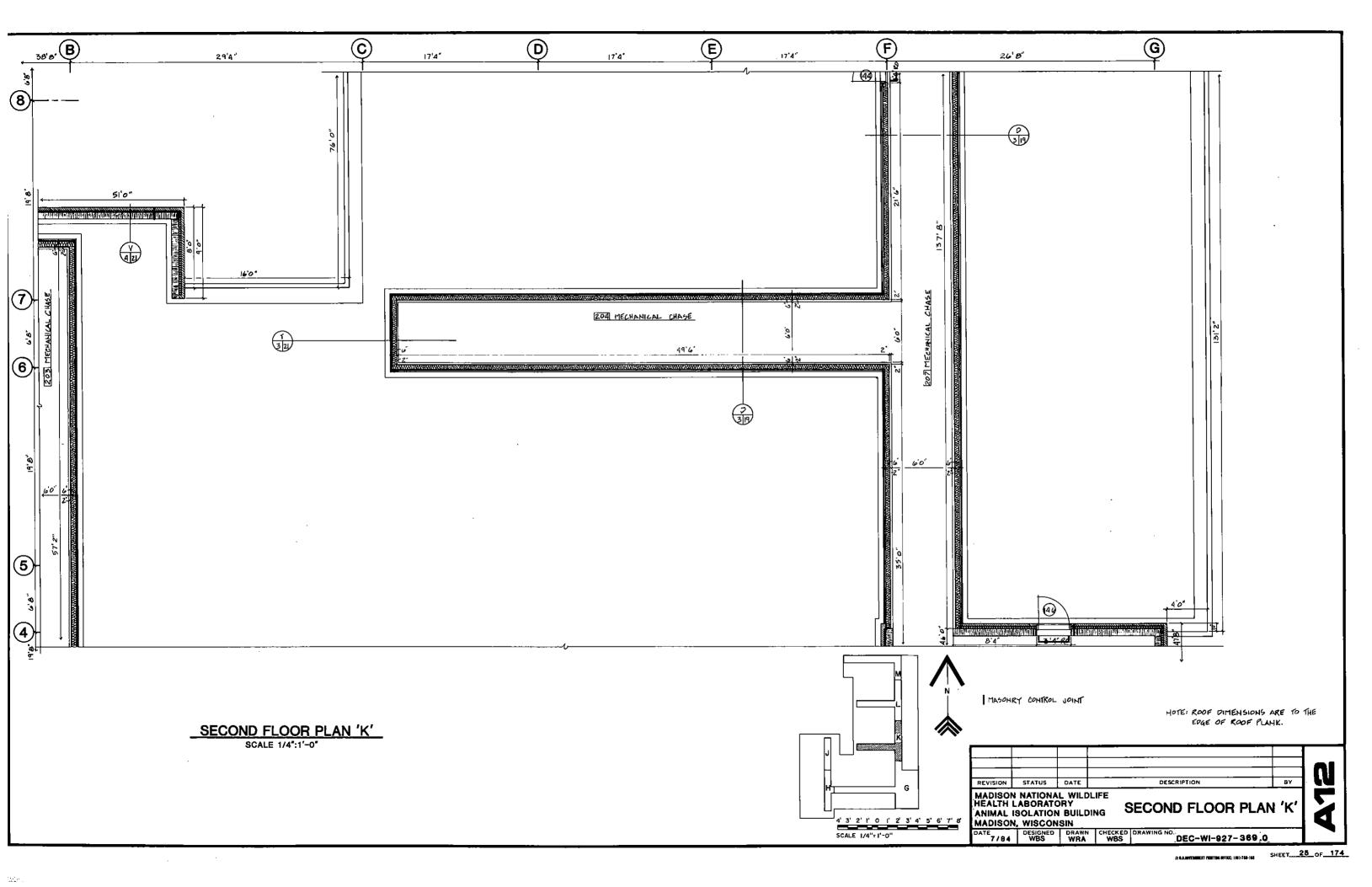
28

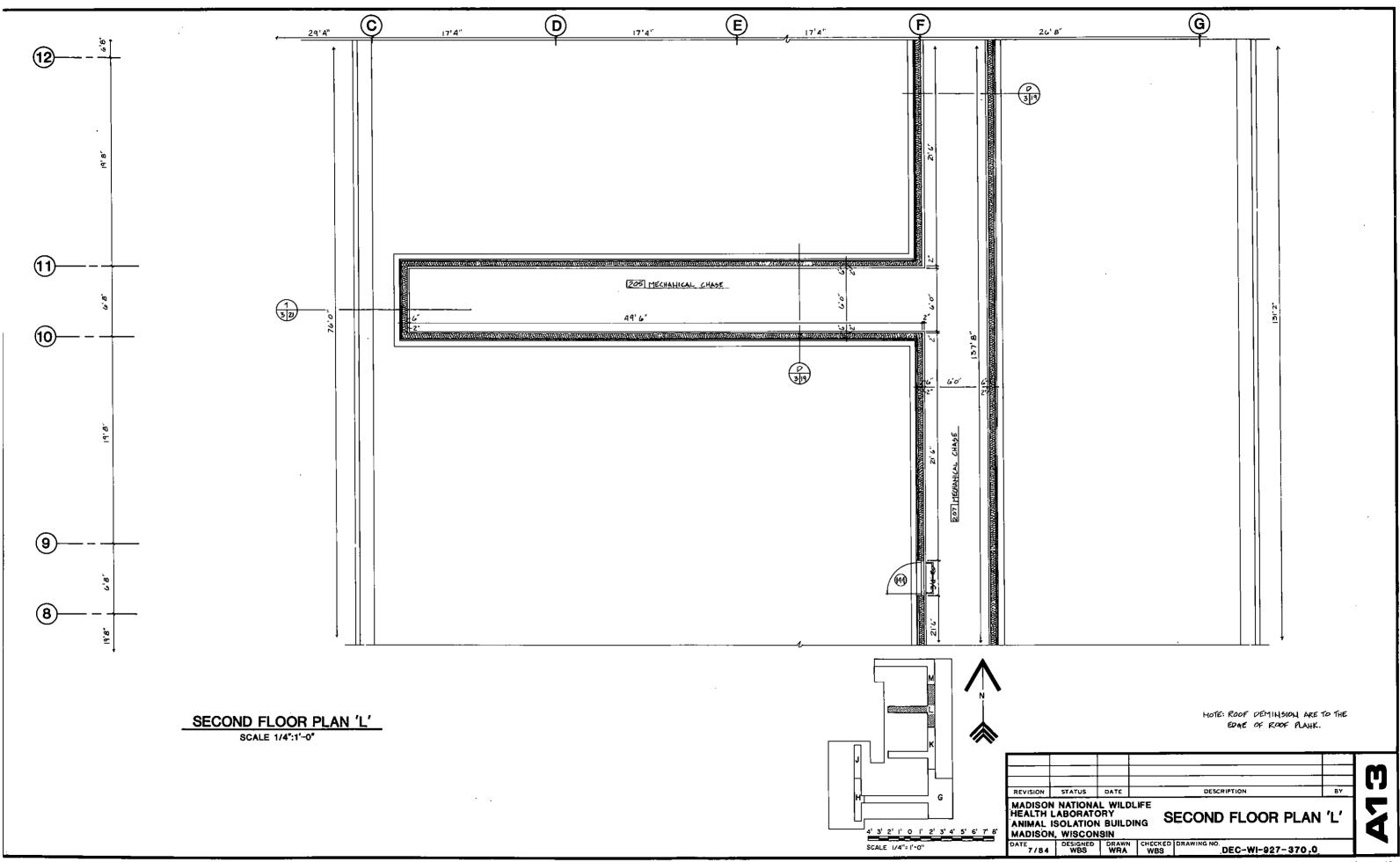
SHEET 21 OF 174



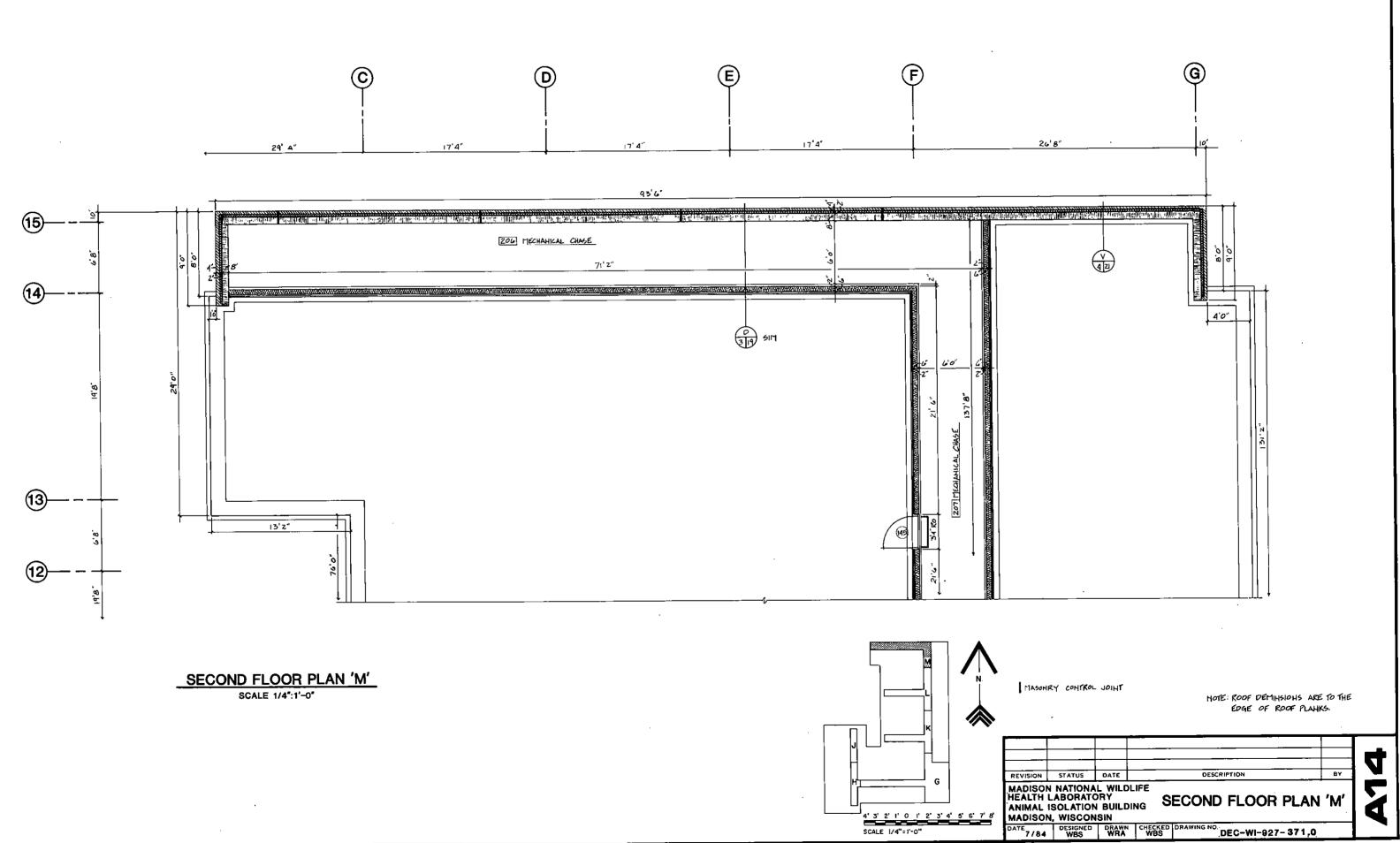




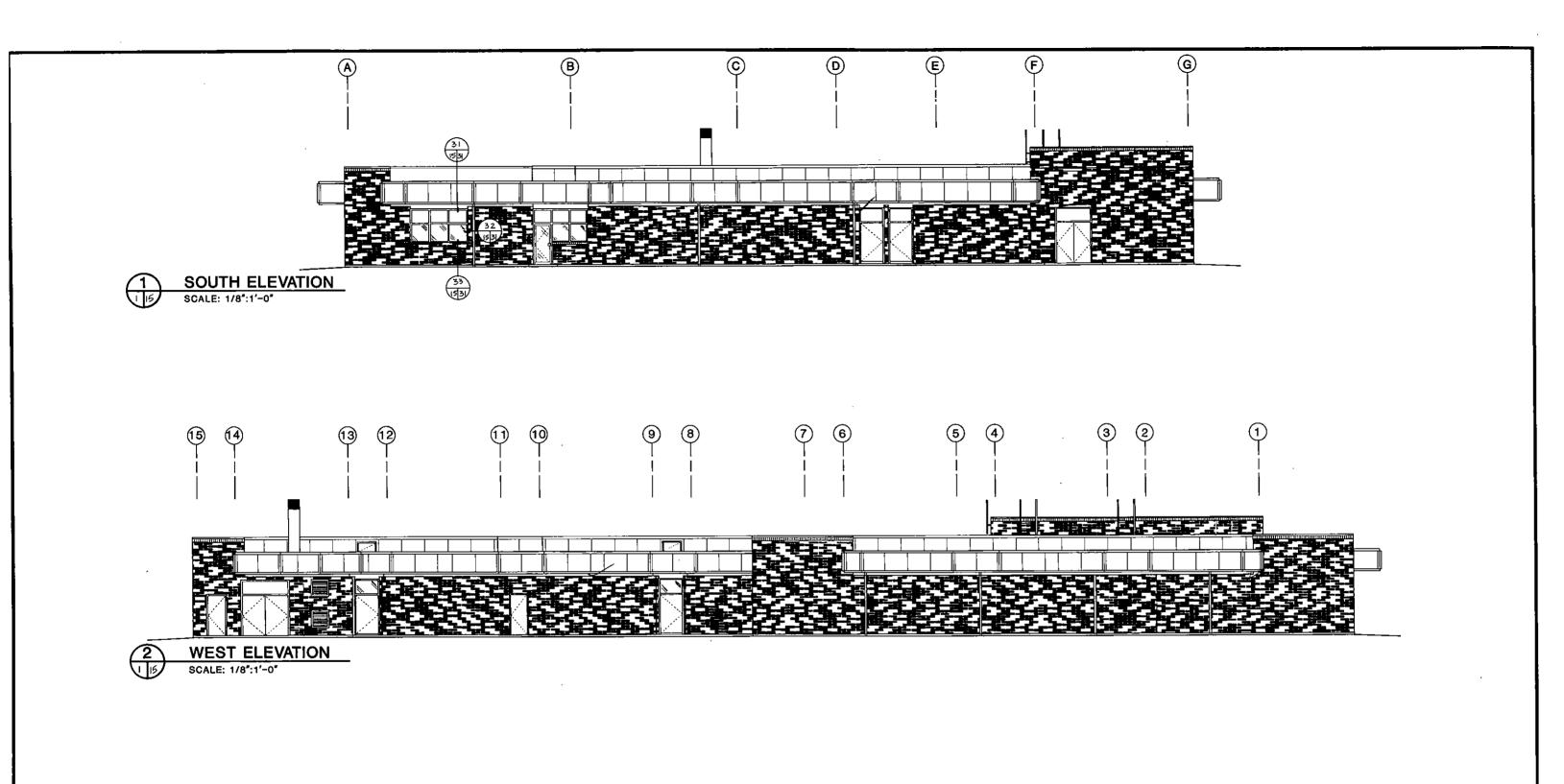




REASTERNET METTER WITEL INCIDENCE



SHEET 27 OF 174

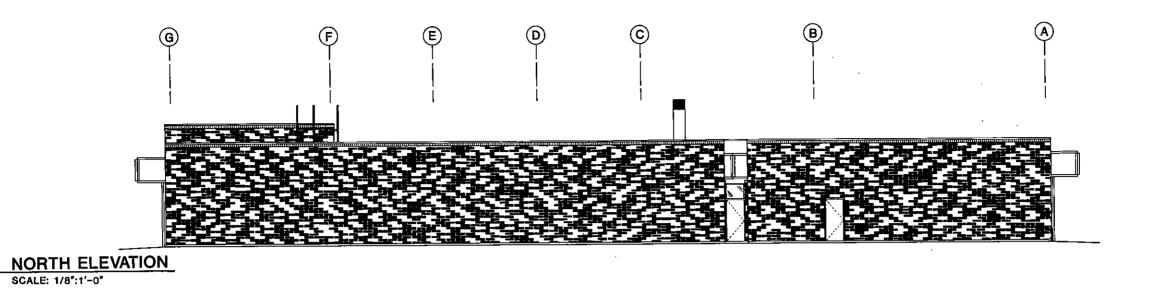


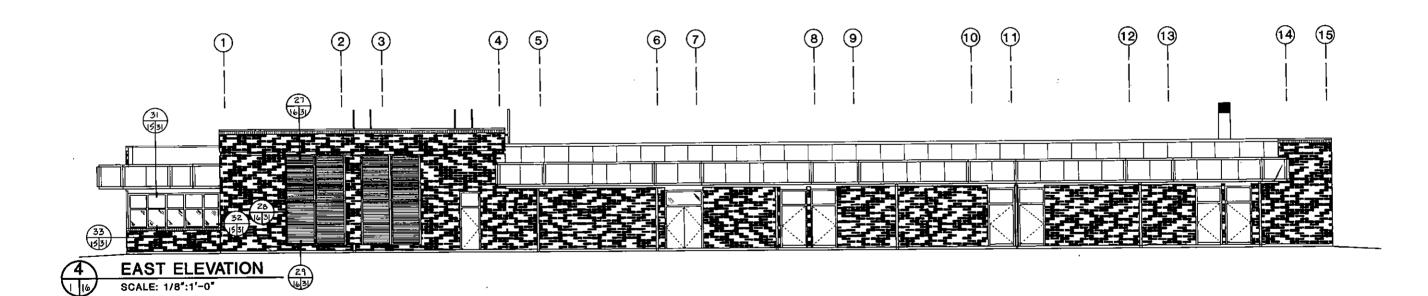
8' 4' 0 4' 8' 12' 16' SCALE 1/8"= 1'-0"

REVISION STATUS DATE DESCRIPTION BY	HEALTH	LABORAT	AL WILDLIFE ORY N BUILDING	BUILDING ELEVA	TIONS
	REVISION	STATUS	DATE	DESCRIPTION	ВУ
				<u> </u>	

MADISON, WISCONSIN

DATE 7/84 DESIGNED WAS WAS WAS WAS WAS DEC-WI-927- 372,0





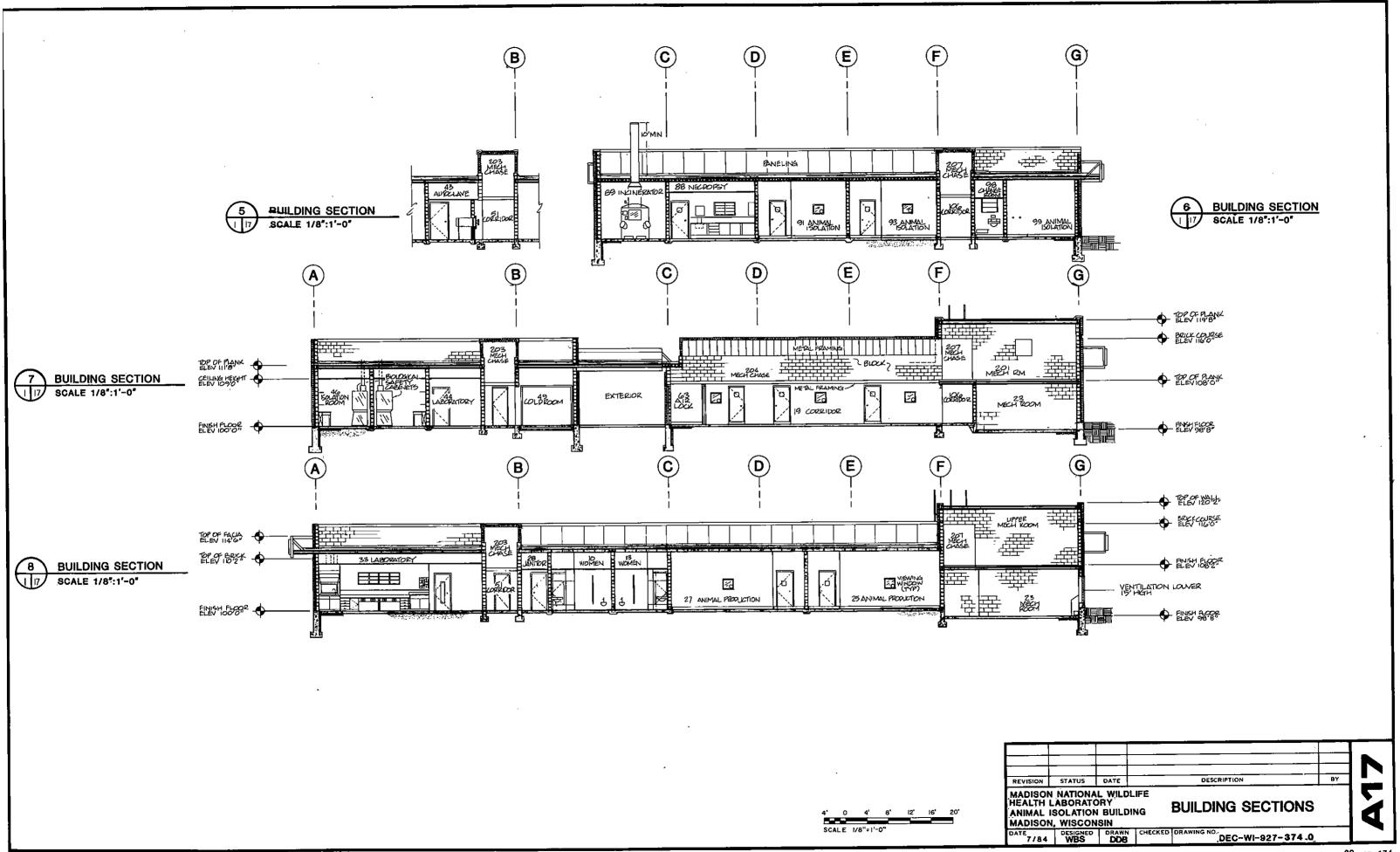
8' 4' 0 4' 8' 12' '16' SCALE I/8"=1'-0"

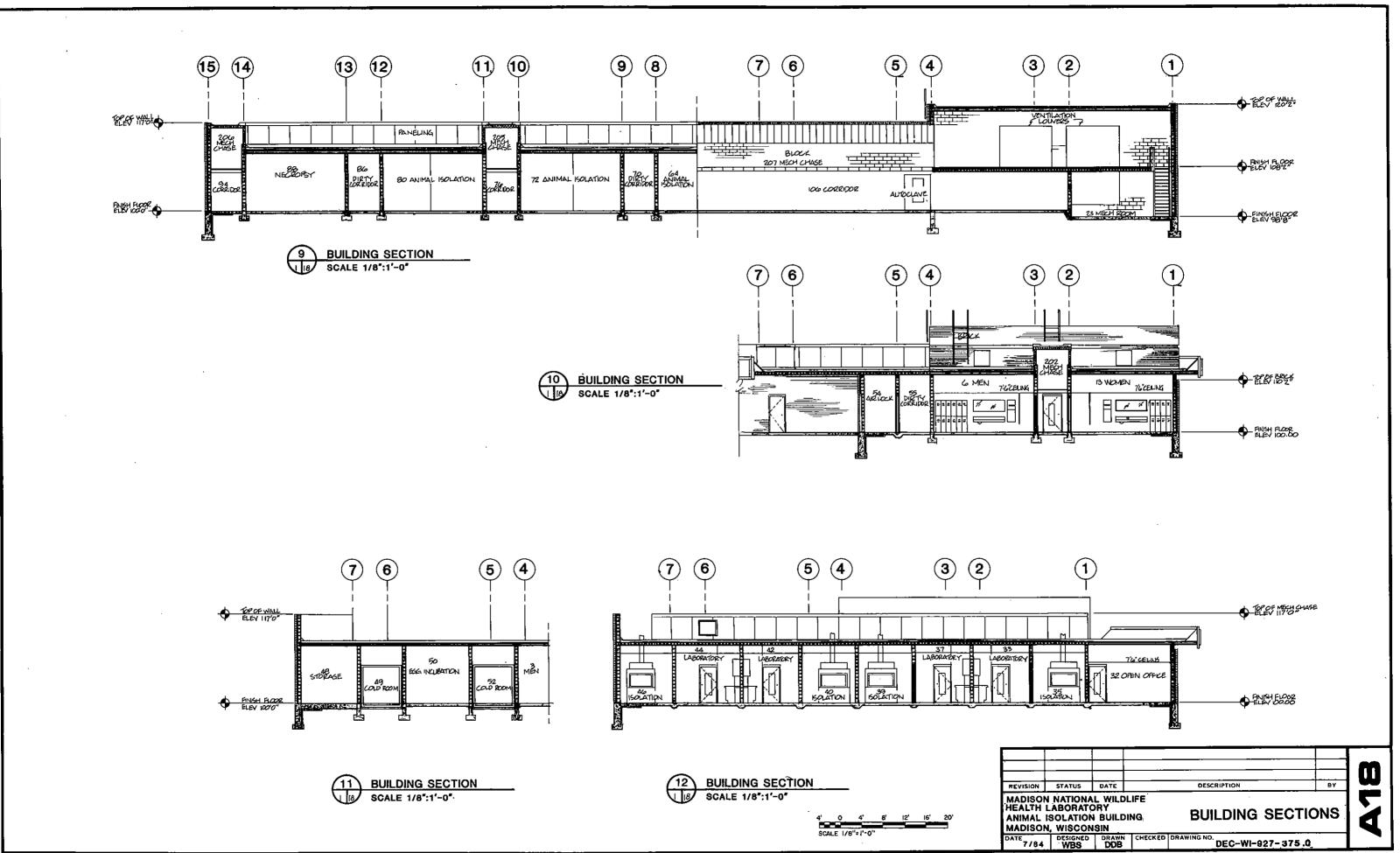
MADISON HEALTH	NATION/ LABORAT	AL WILDLIFE	: BUILDING ELEVATIO	NIC
REVISION	STATUS	DATE	DESCRIPTION	вч
				+

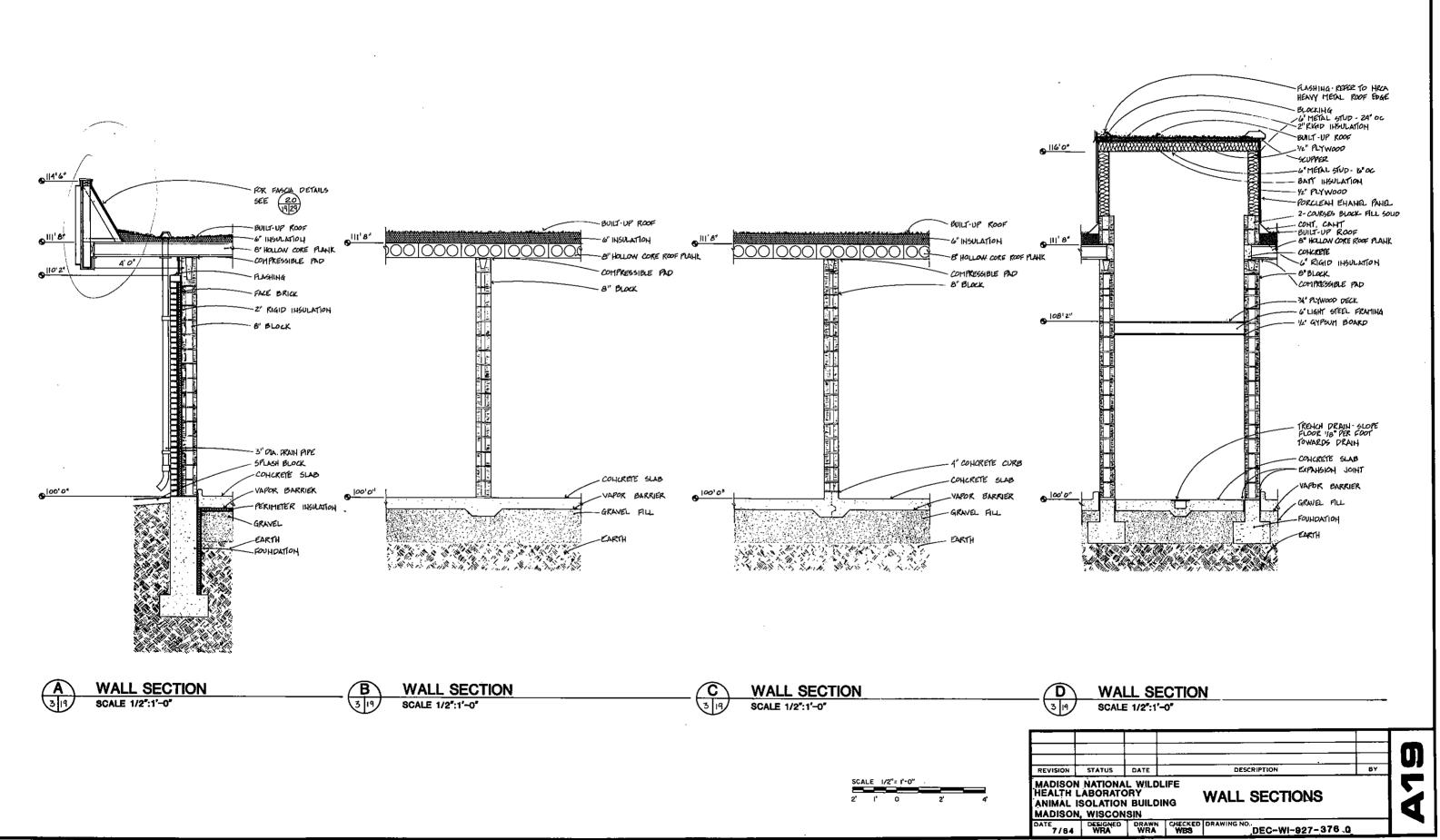
ANIMAL ISOLATION BUILDING,
MADISON, WISCONSIN

DATE
7/84

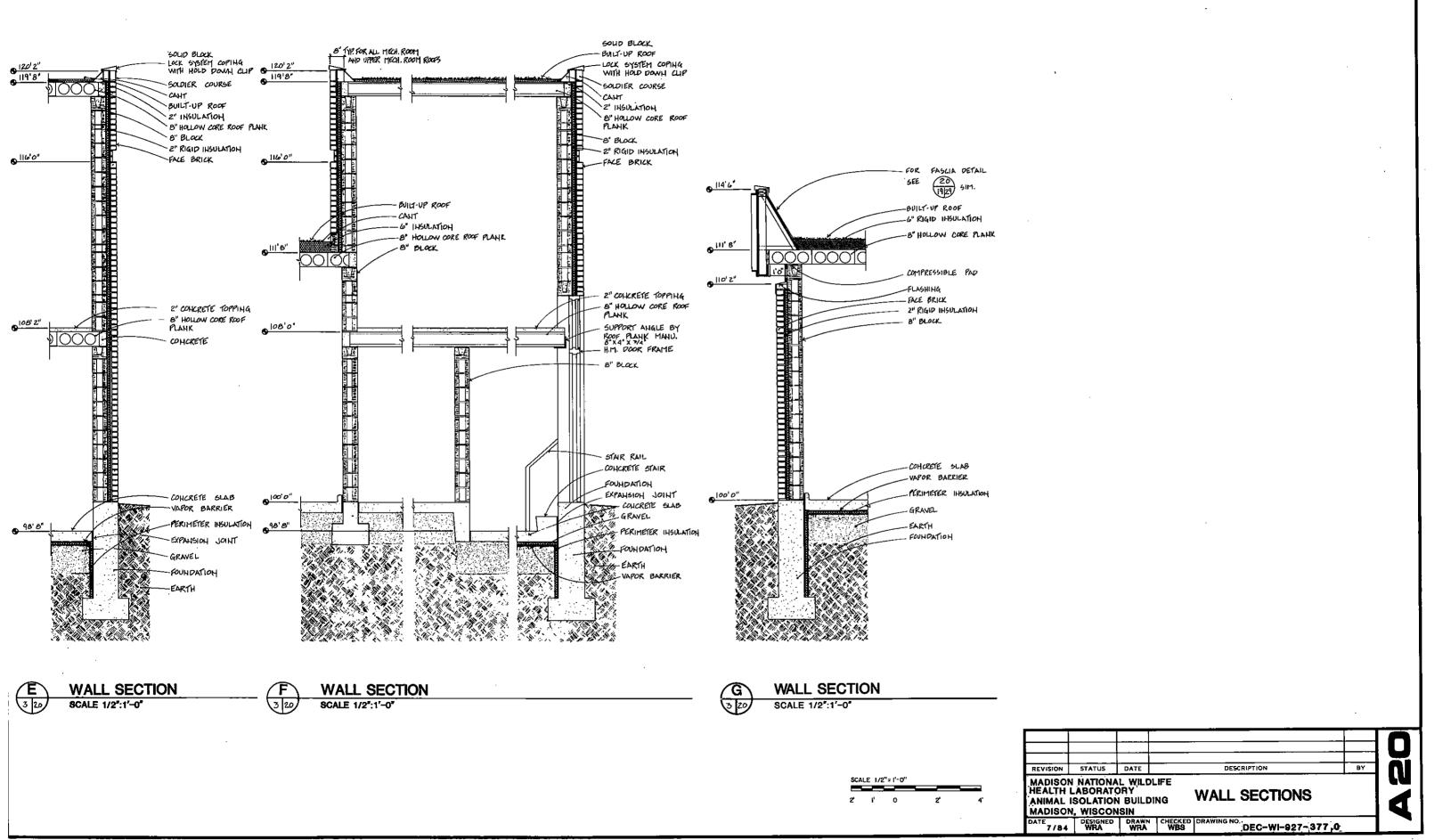
DESIGNED DRAWN CHECKED DRAWING NO.
DEC-WI-927-373.0



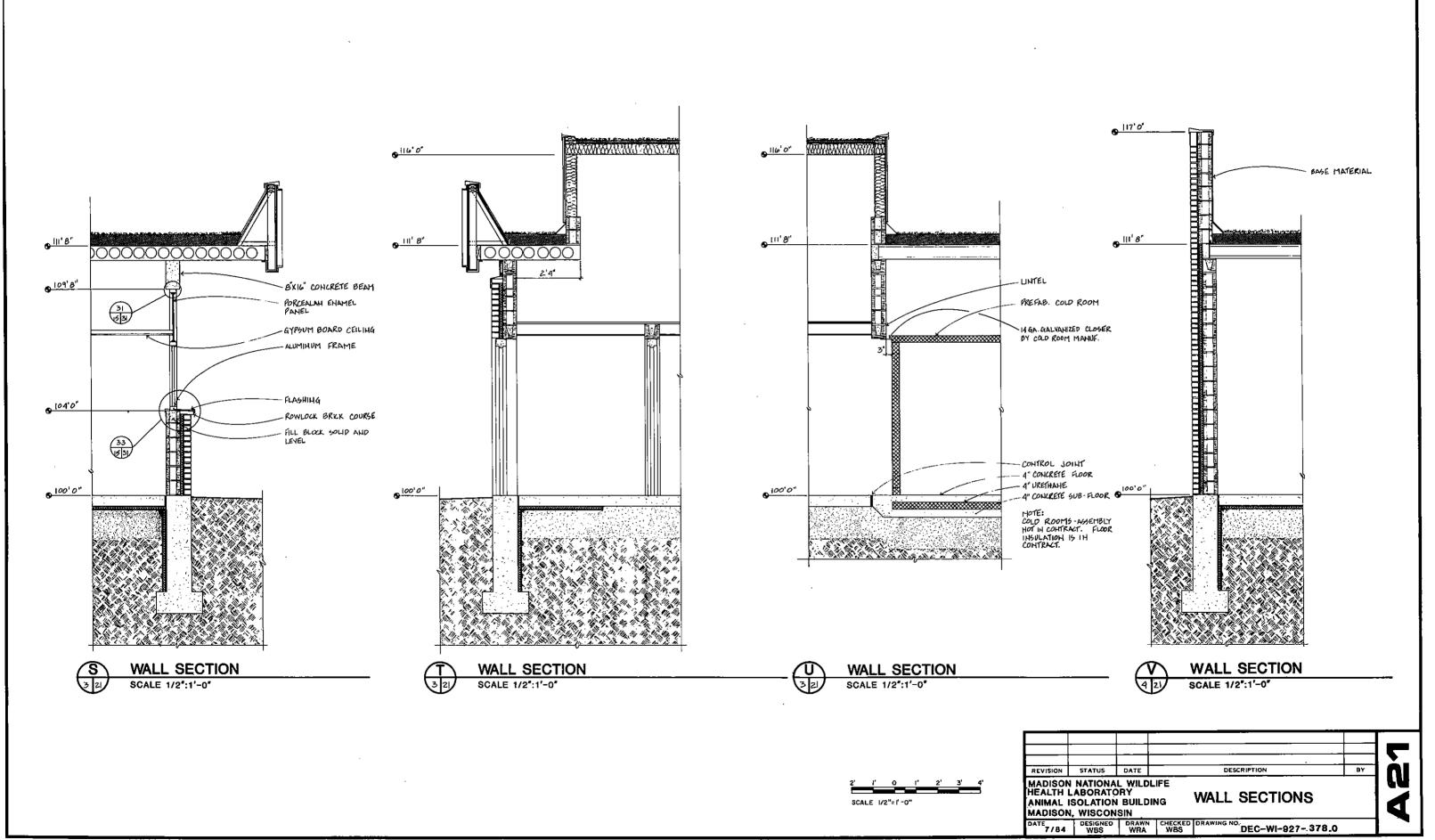




SHEET 32 OF 174



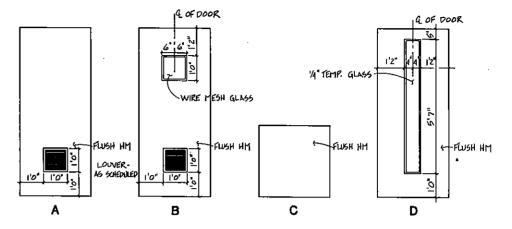
RELEMENT METHOD PROC. INC. THE PERSON SHEET 33 OF 174



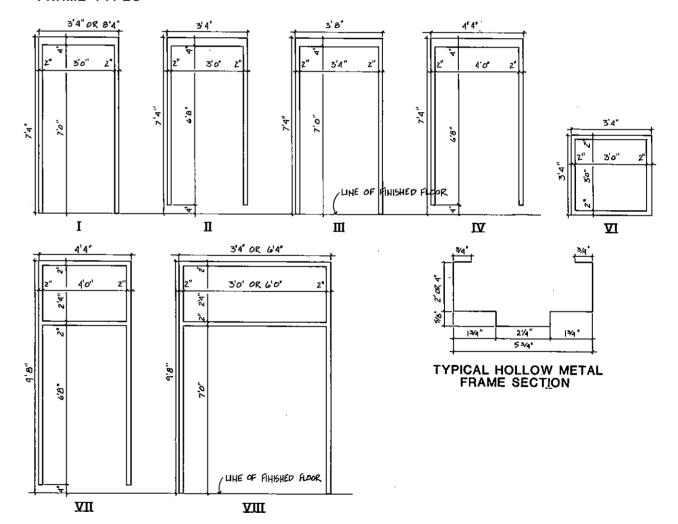
_____ SHEET__<u>34__</u>OF__<u>174_</u>_

DOOR SCHEDULE DOOR SIZE DOOR DOOR HOWR FRAME FRAME DETAILS													
DOOR	FROM	то	D	OOR SIZ	ZE	DOOR	DOOR	HDWR.	FRAME	FRAME DETAILS			DEMARKO
NO.	I HOW	10	WIDTH	HEIGHT	THICK.	TYPE	HAND	GROUP	TYPE	HEAD	JAMB	SILL	REMARKS
													OPEH HUMBER
2 3	LIBBY OZ	MEH 03	3' <i>0</i> " ~	7'0"	134	<u> </u>							OPEH HUMBER
4	HEH 03	WALK THRU 04	3'0"	7'0"	1%	A	LHR LHR	HWI	I/	4	5 . 5	6	
5	MEH 03	SHOWER OS	3'0"	68	134	Ā	LHR	HW 2	i i	4	5	16	
6	SHOWER OS .	MEH 06	30	-68	174	A	LHR	HW 2	Π/	4	5	16	
7	WALK THRU 24	MEH 06	390	7'0'	134	A	LHR	HWI	I/	4	5	6	
8 9	MEH OL	WORK AREA 07	30°	7'0"	1%	٨	LHR	HWI	1/	4	5	. 6	
10	WORK AREA OT LOBBY OZ	JAHMOR 08 WOMEN 10	3'0'	7'0' 7'0'	1%"	<u> </u>	RHR RH	HWI	I	4	3	6	1'50.LOUYER
11	WOMEH ID	WALK THRU II	3'0'	7'0	174	<u> </u>	LHR	HW L	I	4	5	6	
12	WOMEN 10	SHOWER 12	3'0" (48	13/4	Ä	EHK	HW 2-	1	4	5	16	
Į 3	SHOWER 12	WOMEN 13	30	6'8'	174"	A	RHK	HW 2	π_	4	5	16	
. 14	WALK THRU II	WOMEN 13	30	7'0"	13/4"	A	LHK	HW	1 -	4	5	6	
15	WOMEN 13	WORK AREA 07	310	7'0"	1 74"	Α	RHR	HWL	I/	4	_ 5	6	
6 7	WORK AREA 07 AIR LOCK 14	AIR LOCK 14 CORRIDOR 19	3'4' / 3'4"	7'0" 7'0"	1%1° 34°	0	LHR	HW 3/	= /	4	5	6 (AM)	
18	CORRIDOR 14	CHANGE ROOM 15	3'0"	6'8	134*	8	LHR	HW 4/	五一	- <u>4</u>	5	6(HM)	_ .
19	CHANGE ROOM 15	ANIMAL ROOM 16	3'0"	68.	174	В	LH LH	HW 5	п /	4	5	16	1'SQ. LOUVER
20	AHIMAL ROOM IG	PIRTY CORRIDOR 55	4'0	68	134.	A	· LH	HW6-	<u> </u>	10	11	12	180° SWIHG
21	DRY CORRIDOR 55	AHIMAL ROOM 18	4'0'	68	134"	A	LHR	HW6-	11/2	10	ii.	12	180° SWIHG
22	AHIMAL ROOM IB	CHANGE ROOM 17	3'0"	68	1 %"	3	LHR	HW 5		4	- 5	16	1'59. LOUVER
25 24	CHANGE ROOM 17 CORRIDOR 19	CORRIDOR 19 CHANGE ROOM 20	30"	68	1 %"	В	LHR	HW 4	П /	7	8	4	
25	CHANGE ROOM 20	AHIMAL ROOM 21	3'0" / 3'0" /	68"	134	В	КН ВН	HW 4/	_ = _	7	8	4	
26	AHIMAL ROOM 21	DRY CORRIDOR 55	4'0" /	60	1741	A	RH RH	HW 6	<u> </u>	10	7 11	16	1'59.LOUVER 180° SWING
27		Pinary annual light						11.0, 5		10	"	16	OPEN HUMBER
# 28	EXTERIOR	MECHANICAL ROOM 23	3'0" /	יוסיד	13/4"	A	RHR	HW7 /	<u> </u>	ı	2	3	SOUD TRANSOM PAHEL
* 29	EXTERIOR	MECHANICAL ROOM 23	PAIR 3'0"	7'0'	17/4"	A	R-LHR	HW 7 2	YIII 🖊	ı	2	3	SOUD TRANSOM PAHEL
* 3º	EXTERIOR AHIMAL PROPUCTION 25	ANIMAL PRODUCTION 25	4'0'	6 8	13/4	A	RHK	HW6/		17	2	12/5/M)	SOLID TRANSOM PANEL
32	CHANGE ROOM 24	CHANGE ROOM 24	3'0"	6'8"	13/4"	<u>в</u>	RHR RHR	H W 4/	H /	7	5	16	1' SQ. LOUNER
33	CORRIDOR 19	CHANGE ROOM 26	3'0"	68	1 74	В	RHK.	H W 4	# /	7	8	9	
34	CHANGE ROOM 26	AHIMAL PRODUCTION 27	3'0"	6'8"	13/4"	8	EH.	HW 5 -	= -	4	5	16	1' 5Q. LOUVER
*35	AHIMAL PRODUCTION 27	exterior	4'0"	6 8	1 34'	A	RH	HW 6-	<u> </u>	17	2.	12 (51M)	SOLID TRAHSOM PAHEL
#36	MECHANICAL ROOM 201	exterior	3'0" /	3'0"	1 3/4*	C	RH	HW B	マエノ	13	14	15	
* 37	MECHANICAL ROOM 201	exterior	3101	3'0'	1 34	C	LH	HW8,	□ □ ✓	13	14	15	
3 <i>8</i> 39	LOBBY 02 CORRIDOR 51	JAHITOR 28 STORAGE 29	3'0" /	7'0"	13/4"	Α .	LH	HWL	I	4	5	6	1' SQ. LOUYER
40	ENTRY 31	LOBBY 30	30 /	7'0"	174"	Α	RH LHR	HWI -	I	4	5	6	1'59.LOUYER STOREFRONT
4 1	exterior	ENTRY 31	3'0"	7'0"			LHR	HW9				<u> </u>	STOREFRONT
42	LOBBY 30	OPEH OFFICE 32	3'0"	7'0"	13/4"	D	RH	HWI	I	4	5	6	1'50. LOUVER
43	CORRIDOR SI	LABORATORY 33	30' /	יס יד "	12/4"	D	RH	HW I	IZ	4	5	6	
44	LABORATORY 33	AUTOCLAVE 36	3'0" /	7'0"	13/4"	В	LH	441	Î	4	5	6	1'50. LOUYER
46	LABORATORY 33 LABORATORY 33	150LATION ROOM 34	3'0" / 3'0" /	7'0"	3/4"	0	LHR	HWV	I /	4	5	6	
47	LABORATORY 37	PE MOON HOLLANGE	3'0"	70"	13/4"	0	R#R LHR	HW		4	5	6	<u> </u>
48	LABORATORY 37	SOLATION ROOM 38	3'0"	7'0"	13/4	P	RHR	HW	I/	4	5	6	
49	LABORATORY 37	AUTOCLAVE 36	3'0"	7'0"	134	В	RH	HW	ı –	4	5	4	1° 50. LOUVER
50	CORRIDOR SI	LABORATORY 37	3'0" /	7'0"	1341	P	LH	HW		4	5	6	
61	CORRIDOR SI	LABORATORY 42	3.0,	7'0"	1%	Ö	RH	HWL		4	5	6	
52 53	LABORATORY 42 LABORATORY 42	AUTOCLAVE 43	3'0"	7'0"	1%'	В	LH	HWI		4	5	6	1 50. LOUVER
54	LABORATORY 42	ISOLATION ROOM 41	3'0"	7'0" 7'0"	 	D 0	LHR	HWI		4	6	6	<u> </u>
<u> </u>	LABORATORY 44	ISOLATION ROOM 46	3,0,	7'0"	134"	D	KHR LHR	HWI		4	5	- 6	_
56	LABORATORY 44	SOLATION ROOM 45	3'0" /	7'0"	174	D	RHR	HW	1	<u>4</u> 4	5	6	
. 51	LABORATORY 44	AUTOCLAVE 43	3'0"	/ 7°0"	1 34'	В	RH	HW		4	5	6	1'5a. LOINER
58	CORRIDOR SI	LABORATORY 44	3'0"	/ 7'0 "	1 344	D	내	H _W +	Ī/	4	5	6	
59	ENTRY 47	CORRIDOR SI	3'0"	7'0"	134'	ρ	RHR	HW	I/	4	5	4	
* 60	EXTERIOR CO	ENTRY 47	5'0"	7'0"	13/4"	p	RHR	HW7		I	2	3	
61 62	CORRIDOR SI CORRIDOR SI	STORAGE 48 EGG INCUBATION SO	3'0' ノ 3'0'	יסיד / ס'ד /	[34] ¹	0	RH	HWI	I	4	5	6 .	
# 63	EXTERIOR DI	STORAGE 53	3'0"	7'0"	134"	D A	LH RHR	HW 7	YIII.	4	5	6	CI III dain A
*64	EXTERIOR	ENTRY 54	4'0" (4'B"	134"	A .	LHR	HW 6	ATT \	17	2	3	GLASS TRANSOM PAHEL GLASS TRANSOM PAHEL
65	EHTRY 54	DRIY CORRIDOR SS	A'0"	68.	134"	A	LHK	HW 6	一帯ナ	4	5	6	GLASS TRANSOM PANEL
66	DRIY CORRIDOR SS	AHIMAL HOLATION SG.	4'0"	68	13/4"	_ A	LHR	HW 6	ュー	10	- 11	12	180° 5WIHG
67	CHANGE ROOM 57	AHIMAL ISOLATION 56	3'o"	6'8'	1941	В	RH	HW 5	- I	4	5	16	1'SQ. LOUVER

DOOR TYPES



FRAME TYPES



DESCRIPTION REVISION STATUS DATE DOOR SCHEDULE, DOOR

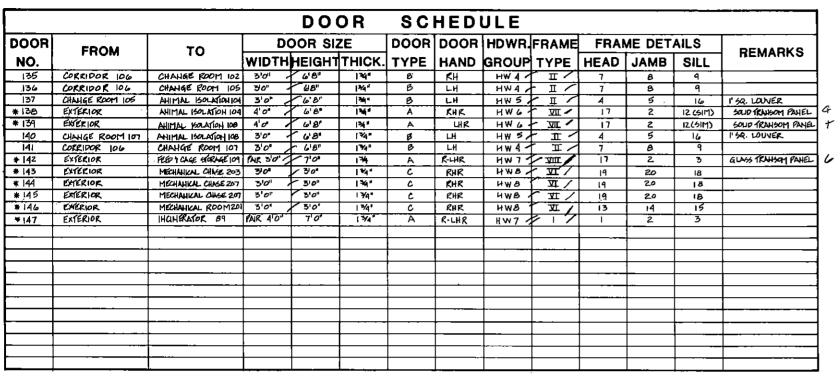
MADISON NATIONAL WILDLIFE HEALTH LABORATORY ANIMAL ISOLATION BUILDING MADISON, WISCONSIN AND FRAME TYPES DATE DESIGNED DRAWN CHECKED

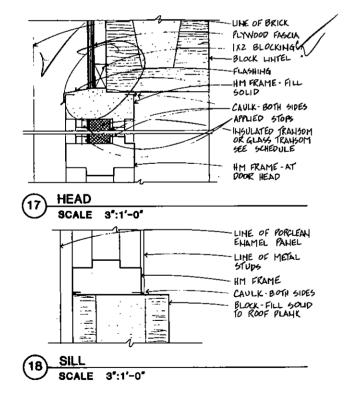
HDWR.-HARDWARE

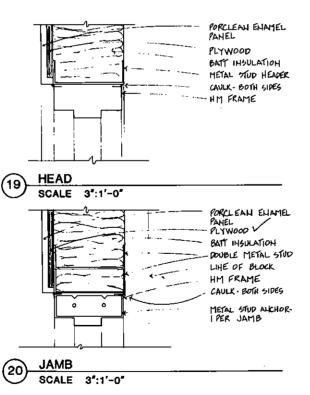
*INSULATED METAL DOOR

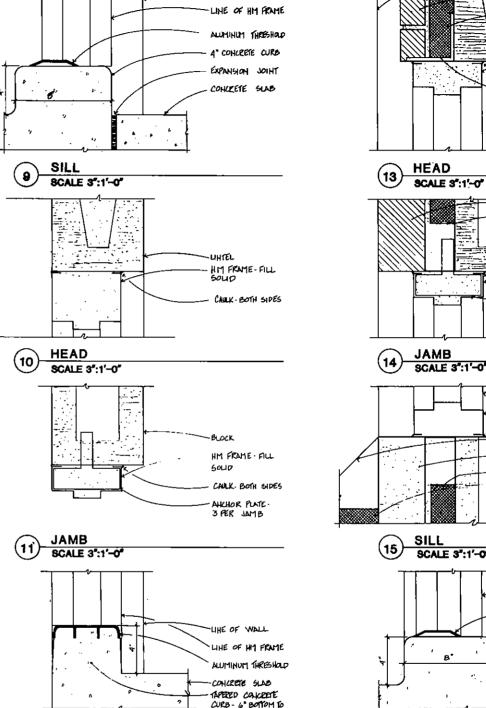
DEC-WI-927- 379.0

		-	DOOR	SCHED	ULE				4' X4' X 1/4' LIMIEL
DOOR	FROM	то	DOOR SIZE	DOOR DOOF	HDWR FRAME	FRAME DET	TAILS	DEMARKS	PALE BRICK RIGHD INSULATION
NO.	PHOM	10	WIDTHHEIGHTTHI	CK. TYPE HAND	GROUP TYPE	HEAD JAMB	SILL	REMARKS	LINTEL HM FRAME - FILL
68	CHANGE ROOM 57	CORRIDOR 62	3'0" 6'8" 13	" B LHR	HW 4/ II/	7 B	4		HM FRAME - FILL SOULD
# 70	AIR LOCK 63 EXTERIOR	CORRIDOR 62	3'0" 7'0" 13	, , , , , , , ,	HW7 I	4 5	6 (GIM)		SOLID CAULK-BOTH SIDES ANCHOR PLATE 3 PER JAMIB
71	CORRIDOR 62	AR LOCK 63 CHANGE ROOM 58	3'0" 7'0" 17		HW7 I	7 8	3 9		
72	CHANGE ROOM SB	ANIMAL ISOLATION 59	30" 60" 17		HW5/I/	4 5	16	1'5Q. LOUVER	INSULATED TRANSOM
75	HIMAL ISOLATION SA	DIRTY CORRIDOR 55	 		HW6 IT	10 11	12	180° SWH4	OR GLASS TRANSOM SEE SCHEDULE
74 75	DIRTY CORRIDORSS	CORRIDOR 106	4'0" 6'8" 13		HW 6 T II	4 5	12	180° SWING	+M FRAME AT
76	CHANGE ROOM 60	AHIMAL ISOLATION W	3'0" 6'8" 17		HW 5 T /	4 5	16	1'50. LOUVER	DOOR HEAD
77	CORRIDOR 62	CHAHGE ROOM GO	3'0' 6'8' 19	· · · · · · · · · · · · · · · · · · ·	HW4/ II/	7 8	9		HEAD JAMB
78	CORRIDOR 62 CHANGE ROOM 68	CHANGE ROOM 68 ANIMAL ISOLATION 69	3'0' 6'8' 13		HW 4 II	7 8	16	1'50. LOUVER	1 SCALE 3":1'-0" 5 SCALE 3":1'-0"
80	AHIMAL ISOLATION GA	DIRTY CORPIDOR 70	4'0" 6'8" 13		HW 6 TE	10 11	12	180° SWING	
81	DRY CORRIDOR 70	CORRIDOR 106	4'0" 6'8" 17		HW6 II	4 5	16		FACE BRICK LINE OF WALL
85	CHANGE ROOM 66	PIRTY CORRIDOR 70 ANIMAL ISOLATION 67	4'0' 6'8' 19		HW6 II	10 11	12	180° SWIHG	RIGID INSULATION
84	CORRIDOR 6Z	CHAHGE ROOM 66	3'0" 6'8"		HW 4	7 8	16	1' 54. LOUVER	BLOCK LIHE OF HM FRAME
85	CORRIDOR 62	CHANGE ROOMGS	30" 6'B' 13	B LH	HW 4/ II /	7 6	4		AHCHOR PLATE.
86 87	CHAHGE ROOM 65	AHIMAL ISOLATION 64	 		HW 5 I	4 5	16	1' SQ. LOUVER	5 PER JAMB - SKAMLESS FLOOR COVERING
88	AHMAL ISOLATION 64 DRIY CORRIDOR 70	PIRTY CORRIDOR 70 AIR LOCK 71	4'0" (48' 13		HW 6 VII /	10 11	12	180° SMH4 GLASSTRANSOM PAUEL	H.M. FRAME FILL CONCRETE SLAD
¥89	AIR LOCK 71	EXTERIOR	4'0" 6'8" 17		HW 6 VII	17 2	3	GLASS TRANSOM PANEL	
90	AHIMUL ISOLATION 72	DIRTY CORRIDOR 70	 		HW 6 Z Z	10 11	12	180° 5W1K4	CAULK - BOTH SIDES
91	CHANGE ROOM 73 CORRIDOR 78	CHANGE ROOM 72	3'0" 48" 13	<u> </u>	HW 4 T	4 5	16	1'50, LOUVER	
93	CORKIDOR 78	AIR LOCK 79	3'0 7'0"	-	HW7 I/	4 5	6(HM)		JAMB SILL
*94	AIR LOCK 79	EXTERIOR	3'0" 7'0" 13		HW7 I	l. 2	3		2 SCALE 3":1'-0" 6 SCALE 3":1'-0"
95	CORRIDOR 78	CHANGE ROOM 74	30" 48" 13		HW4/ II/	7 8	9		
97	CHANGE ROOM 74 DIRTY CORRIDOR 70	AHIMAL ISOLATION 75 ANIMAL ISOLATION 75	3'0' (U8" 13		HW5 II	4 5	16	1' 58. LOUVER 180° SWH4	LINE OF WALL
98	AHIMAL ISOLATION 77		4'0" 7 6'8" 13		HW6 Z II /	10 11	12	180° 5WING	LINE OF HM FRAME
99	CHANGE ROOM 76	AHIMAL ISOLATION 77	 		HWS/II/	4 5	16	1'50, LOUVER	ALVMINUM THRESHOLD
100	CORRIDOR 78	CHANGE ROOM 76	3'0" 6'8" 13		HW 4 / II /	7 B	9		CONCRETE SLAB
102	CHANGE ROOM 84	AHIMAL ISOLATION 89			HW 5 I	4 5	16	1' 50, LOUVER	HMFRAME FILL
103	ANIMAL ISOLATION 85		 	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	HW 6 - IV /	10 11	12	180° 5WIHG	Saip
104	DIRTY CORRIDOR BG		4'0" 4'8" 13		HW6 T	4 5	16	10-5	CAULK BOTH SIDES
106	CHANGE ROOM BZ	AHIMAL ISOLATION 83	 	I" A LHR I" B RH	HW6 II	10 11	12	1' 58. LOUVER	
107	CORRIDOR 78	CHANGE ROOM BZ	30" 68 13	· .	HW4/ II/	7 8	9		
108	CORRIDOR 78 CHANGE ROOM BI	CHANGE ROOM BI	3'0' 6'8" 13		HW 4 / I	7 8	- q		SILL HEAD
110	HIMAL HOLATION BO	DIRTY CORRIDOR 84			HW 6 / II /	10 11	16	1 50. LOUVER 1800 SWHG	3 SCALE 3":1'-0" (7) READ (7) SCALE 3":1'-0"
111	DIRTY CORRIDOR 86		40 68 13		HW 6 / XII	4 5	6	GLASS TRANSOM PANEL	40
* 112 113	AIR LOCK 87	exterior	4'0" 6'8" 3	A LHR	HW 6 - TH	17 2	3	GLASS TRANSOM PAHEL	AMEL (
114	CORRIDOR 94	HECROPSY 89	30 70 13	i" P RH	HW7 / I /	4 5	6	OPEN HUMBER 1' 50. LOUVER	— alock
115	HECROPSY B9	INCHERATOR 88	3'0" 7'0" 13	·	HW 7 / I	4 5	- 	ZHR ARE RATED	
116	CORRIDOR 94	AR LOCK 95	30" 70" 13		HW7 / I/	4 6	6 (5IM)		HM FRAME FILL
* 1 17	AIR LOCK 95 CORRIDOR 94	EXTERIOR CHANGE ROOM 90	3'0' 7'0' 13	i" D RH	HW 4 / II		3		Soup
1 19	CHANGE ROOM 90	ANIMAL ISOLATION 91	 		HW 5 / II /	7 8	16	1'50. LOUVER	CAULY BOTH SIDES ANCHOR PLATE
120	AHIMAL ISOLATION 91	DIRTY CORRIDOR 86	4'0' 6'8" 13	i A LH	HWU/ II/	10 11	12	180°5WH4	3 PER JAM6
121	AHIMAL ISOLATION 93			_ +	HW 6 N		12	180°5WING	CAULK BOTH SIDES
122	CHANGE ROOM 92 CORRIDOR 94	CHANGE ROOM 92	3'0' 6'8' 13		HWS II	4 5 7 8	16	1' SQ. LOUVER	
. 124	CORRIDOR 106	CHANGE ROOM 97	3'0' (08" 1		HW4 I	7 8	1 9	 	HEAD JAMB
125	CHANGE ROOM 97	AHIMAL ISOLATION 96		" B LH	HW5/ I	4 5	16	1' SQ. LOWER	SCALE 3":1'-0"
* 126 * 127	EXTERIOR EXTERIOR	AHIMAL BOLATION 96 ANIMAL BOLATION 99			HW 6 / WI /		12(5/11)	SOLID TRANSOM PAHEL	HE.
128	CHANGE ROOM 98	ANIMAL ISOLATION 99	 	i B RH	HW 5 T T		12(5IM)	1 50. LOUVER	
29	CORRIDOR 106	CHANGE ROOM 98	30' 6'8" 13	I B RH	HW4 II /	7 B	9		
30	CORRIDOR 106	CHANGE ROOM 101		(" B LH	HW 4 II /	7 8	9	11/20 1 2 1 12	
3 * 32	CHANGE ROOM 101 AHIMAL ISOLATION 100	AHIMAL ISOLATION 100 EXTERIOR	 	1" B LH 1" A LH	HW 6 TI	17 2	12 (5IM)	1'50. LOUVER 50UD TRAH50M PANEL	
*133	EXTERIOR	AHIMAL ISOLATIOH 103	40' 68" 13	A LIIR	HW 6 VIII	17 2	12(5IM)	SOUD TRANSOM PANEL	REPUSION STATUS DATE DESCRIPTION RV E
134	CHANGE ROOM 102	HIMAL ISOLATION 103	3'0' 6'8' I	B RH	HW5 I/	4 5	ما	1'50. LOUVER	MADISON NATIONAL WILDLIFE DOOR SCHEDULE AND
HDWR	-HARDWARE								SCALE 3"-1"-0" ANIMAN IOON ATION BIN DING
* MAGIII 47	En METAL BOOK								MADISON, WISCONSIN FRAME DETAILS
+ INQULAI	ED METAL DOOR								DATE DESIGNED DRAWN CHECKED DRAWING NO

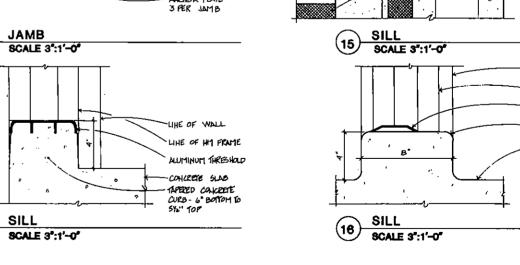




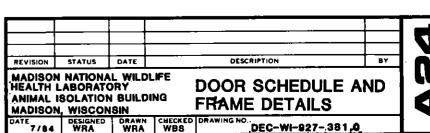




LINE OF WALL







± 1.1.40 person restor (716: 40-70-10)

LIHE OF FACE BRICK

- KIGID INSULATION

HM FRAME - FILL

- 4'X4'XKI UHTEL

FACE BRICK RIGID IHSULATION

AHLHOR PLATE . I PER JAMB

- CAULK - BOTH SIDES

- LIHE OF WALL

HM FRAME

ROOF CANT

- Line of HM Frame

CAULK BOTH SIDES

BLOCK 4" OH EDGE

KIGID INSULATION

ROOF INSULATION

-BLOCK- FILL GOLID

LINE OF HIM FRAME

ALUMIHUM THRESHOLD

4" COHURESE CURB

CONCRETE SLAB

TO ROOF PLANK

BLOCK HM FRAME. FILL

CAULK-BOTH SIDES

FACE BRICK

LINTEL

				RO	OM	FIN	IISH	1 50	HE	DU	LE					
ROOM							WA					C	EILIN	G		
'	ROOM NAME	FLOOR	BASE	NO		EAS		SOL			ST	 			REMARKS	
NO.				MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	HT.		
															HOT USED	
2	Lossy	SEAMLESS	FLASH COVE	BLOCK	PAIHT	BLOCK	PAIHT	BLOCK	PHIAS			GYP. BOARD	PAIHT	7'6"		
3 /	MEH	SEAMLESS	FLAGH COVE	BLOCK	PAIHT	BLOCK	PAINT	BLACK	PAIHT	BLOCK	PAIHT	GYP. BONED	PAHT	7' 6"	WP GYPSUM BOARD COLLING	
4	WALK THRU	SEAMLESS	FLASH COVE	BLOCK	PAINT	BLOCK	PAINT	BLACK	PAINT	BLOCK	PAIHT	GYP. BOARD	PAINT	7'6"	WP GYPSUM BOARD CEILING	
5	SHOWER	CERAMIC TILE	CERAMIC TILE	BLOCK	CT	BLOCK	CT	BLOCK	ET	BLOCK	CT	GYP. BOARD	PAINT	7'6'	WP GYPSUM BOARD CEILING	
6	WEH	SEAMLESS	FLAGH COVE	BLOCK	PAIHT	BLOCK	PAIHT	BLOCK	PAIHT	BLOCK	PAIHY	GYP. BOARD	PAINT	7'6"	WP GYPSUM BOARD CEILING	
7	work area	SEAMLE 55	FLAGH COVE	BLOCK	PAIHT	BLACK	PAIHT	BLOCK	PAIHT	BLOCK	PAIHT	GYP BONED	PAIHT	7'6'		
8	JAHMOR	SEAMLESS	FLASH COVE	BLOCK	PAIHT	BLOCK	PAIHT	BLOCK	PAINT	BLOCK	PAHT	GYP. BOARD	PAIHT	7'6'		
9	WORK AREA	SEAMLESS	FLASH COVE	BLOCK	PAINT	BLOCK	PAHT	BLOCK	PAINT	BLOCK	PAIHT	GYP BOARD	PAIHT	7'6"		
10 /.	WOMEH	SEAMLESS	FLASH COVE	BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAIHT	BLOCK	PAIHT	GYP BOARD	PAINT	7'6'	WP GYPSUM BOARD COUNG	
	WALK THRU	SEAMLESS	FLASH COVE	BLOCK	PAIHT	BLOCK	РАНТ	BLOCK	PAHT	BLOCK	PAINT	GYP BOARD	PAINT	7'6'	WP GYPSUM BOARD CEILING	
12	SHOWER	CERAMIC TILE	CERAMIL TILE	BLOCK	CT	BLOCK	CT	BLOCK	CT	BLOCK	cr	GYP. BOARD	PAIHT	7' 6"	WP GYPSUM BOARD CEILING	
13 /	WOMEH	SEAMLESS	FLASH COVE	BLOCK	PAIHT	BLOCK	PAIHT	BLOCK	PAIHT	BLOCK	PAIH	GYP. BOARD	PAINT	7'6"	WP GYPSUM BOARD CELLING	
14	AIR LOCK	SEAMLESS	FLAMH COVE	BLOCK	PAINT	BLOCK	PAIHY	BLOCK	PAINT	BLOCK	PAINT	GYP. BOARD	PAIHT	7'6"		
15	CHANGE ROOM	COHCRETE		BLOCK	PAHT	BLOCK	PAIHT	BLOCK	PAINT	BLOCK	PAIHT	GYP BOARD	PAIN	7'6	WP GYPSUM BOARD COLLING	
16	AHIMAL ROOM	CONCRETE		BLOCK	PAIHT	BLOCK	PAIHT	BLOUK	PAINT	BLOCK	PAHT	CONCRETE	PAINT	11'0"		
17	CHANGE ROOM	CONCRETE		BLOCK	PAIHT	BLOCK	PAH1	BLOCK	PAINT	BLOCK	PAIHT	GYP. BONED		7'6"	WP GYPSUM BOARD CEILING	
18	ANIMAL ROOM	COHCRETE		BLOCK	PAIHT	BLDCK	PAINT	BLOCK	PAINT	BLOCK	PAINT	CONCRETE	PAIHT	וו' ס'	1	
19	CORRIDOR	SEAMLESS	FLASH COVE	BLOCK	PAIHT	BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PNHT	GYP. BOARD		7'6"		
20	CHANGE ROOM	COHCRETE		BLOCK	PAIHT	BLOCK.	PANT	BLOCK	PAINT	BLOCK	PAIHT	GYP BOARD		7'6"	WP GYPSUM BOARD CEILING	
2	AUIMAL ROOM	CONCRETE		BLOCK	PAHT	BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAINT	COHUCETE		H'D"	in aniega projection	
22	Addition to the second	C-Itapin		1,000	1/481	P= UL	7,24111	PEGE	159(51)	PL-LE	I ASINI	Charle	179[4]	1"5	NOT USED	
25	MECHANICAL ROOM	COHCRETE		BLOCK		BLOCK		BLOCK		BLOCK	 	COHCRETE		8.6,	Art Sec	
24	CHANGE ROOM	COHCRETE		BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAHT	GYP. BOARD	ÖNINT	7'6"	WP GYPSUM BOARD CEILING	
25	AHIMAL PROPURTION	CONCRETE		BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAIHT	CONCRETE		11'0"	VIT GITTON BOAD COUNG	
26	CHANGE ROOM	CONCRETE		BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAIHT	GYP. BOARD	PAINT	7'6"	WP GYPSUM BOARD CEILING	
27	AHIMAL PRODUCTION	COHCRETE		BLOCK	PAINT	BLOCK		BLOCK	PAINS	BLOCK	PAINT	CONCRETE		11'0"	THE DESCRIPTION OF THE PROPERTY OF THE PROPERT	
28	JAHITOR TROUGHON		OLGH COVE	 	<u> </u>		PAINT									
	STORAGE	SEAMLESS SEAMLESS	FLASH COVE	BLOCK BLOCK	PAHT	BLOCK BLOCK	PAHT	BLOCK	PAINT	BLOCK	THAS	GYP. BONED		7'6"		
29 30	LOBBY	_	FLASH COVE		PANI	 	PAINT	BLOCK	PAINT	BLOCK	PANT	GYP. BOARD		7'6'	1	
31	· · · · · · · · · · · · · · · · · · ·	SEAMLESS	FLASH COVE	BRICK	200	GLASS/BLOCK	PAIHT	GLASSI BLACK		BLOCK	PAHT	GYP. BOARD		7'6"		
	entry Open office	SEAMLESS	FLAGH COVE			GLASS/BLOCK	PAINT	GLASSIBLOCK				GYP. BOARD	1			
32		SEAMLESS	FLASH COVE	BLOCK	PAINT	BLOCK	PAHT	BLOCK	PAHT	BLOCK	PAIHT	GYP. BOARD		7'6"		
33	LABORATORY	SEAMLESS	FLASH COVE	BLOCK	PAINT	BLOCK	PAIHT	BLOCK	MHT	BLOCK	PAHI	GYP BOARD		9'0"	WP GYPSUM BOARD CEILING	
34	150LATION ROOM	SEAMLESS	FLASH COVE	BLACK	PAHL	BLACK	PAHT	BLOCK	PANI	BLOCK	PANT	GYP. BOARP		9'0"	WP GYPSUM BOARD CEILING	
35	ISOLATION ROOM	SEMPLESS	FLASH COVE	BLOCK	PAHT	BLOCK	PAIHT	BLACK	PAINT	BLOCK	PAINT	GYP. BOARD		9'0"	WP GYPSUM BOARD CEILING	
36	AUTOCLAVE	SEAMLESS	FLAGH CONE	BLOCK	PAHT	BLOCK	PAIHT	BLOCK	PAUT	BLOCK	PAINT	GYP. BOARD		7'6"	WP GYPSUM BOARD CEILING	
37	LABORATORY	SEAMLESS	FLASH COVE	BLOCK	PAHT	BLOCK	PAIHT	BLOCK	PAINT	BLOCK	PAIHT	GYP. BOARD		9'0"	WP GYPSUM BOARD CEILING	
38	150LATION ROOM	SEAMLESS	FLASH COVE	BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAIHT	GYP. BOARD	, 	9'0"	WP GYPSUM BOARD CEILING	
39	ISOLATION ROOM	SEAMLESS	FLASH COVE	glack	PAINT	BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAIHT	GYP. BOARD		9,0,	WP GYPSUM BOARD CEILING	
40	ISOLATION ROOM	SEAMLESS	FLASH COVE	BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAHT	GYP. BOARD		9'0'	WP GYPSUM BOARD CEILING	
41	150LATION ROOM	SEAMLESS	FLASH COVE	BLOCK	PAINT	BLOCK	THIAS	BLOCK	PAIHT	BLACK	PAINT	GYP. BOARD		9'0"	WP GYPSUM BOARD CEILING	
42	LABORATORY	SEAMLESS	FLASH COVE	BLOCK	Тния	BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAHT	GYP. BOARD		9'0"	WP GYPSUM BOARD CEILING	
43	ALYOCLAVE	SEAMLESS	FLAGH COVE	BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAHT	BLOCK	PAINT	GYP. BOARD		7'6"	WP GYPSUM BOARD CELLING	
44	LABORATORY	SEAMLESS	FLASH COVE	BLOCK	PAIHT	BLOCK	PAINT	BLOCK	PANT	BLOCK	PAINT	GYP.BOARD		9'0"	WP GYPSUM BOARD CELLING	
45	ISOLATION ROOM	SEAMLESS	FLASH COVE	BLOCK	PAINT	BLOCK	PAINT	BLOCK	РЫНТ	BLOCK	PAINT	GYP. BOLRD		9'0"	WP GYPSUM BOARD CELLING	
46	150LATION ROOM	SENTLESS	FLASH COVE	BLACK	MAN	BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAIHT	GYP. BOARD		9'0"	WP GYPSUM BOARD CEILING	
	6.400	SEAMLESS	FLASH COVE	BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAIHT	ELOCK	PAINT	GYP. BOARD	-	7'6'		
47	EHTRY	70-4 10-77	LEWIN CT 12													

REVISION	STATUS	DATE	DESCRIPTION	BY
MADISON HEALTH ANIMAL	NATIONALABORATIONALABORATIONAL	AL WILD ORY N BUILD	LIFE POOM FINISH SC	

				nu	O IAI	1 11,	1131	1 3	<u>JHL</u>	DU	LE					
20014							WA	LLS				_ c	EILIN	G		
ROOM	ROOM NAME	FLOOR	BASE	NO	RTH	EA	ST	SO	UTH	WE	ST				REMARKS	
NO.				MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	HT.		
49	COLD ROOM	CONCRETE												8'6"	PREFAB	
50	EGG IHCUBATION	SEAMLESS	FLASH COVE	BLOCK	PAHT	BLOCK	PAHT	BLOCK	PAHT	BLOCK	PAINT	COHLEGE	PAIHT	j' 0"		
51	CORRIDOR	SEAMLESS	FLASH COVE	BLOCK	PAINT	BLOCK	PAIH	BLOCK	PAINT	BLOCK	PAINT	GYP BOARD	PAIHT	7'6"		
52	COLD ROOM	COHCRETE					L				<u> </u>			8'6"	PREFAB	
55	STORAGE	COHCRETE		BLOCK		BLOCK		BLOCK		BLOCK		CONCRETE		11'0"		
54	AIR LOCK	COHCRETE		BLOCK	PAIHT	BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAHT	COHCRETE	PAINT	11'0"		
55	DRMY CORRIDOR	COHCRETE		BLOCK	PAILIT	BLOCK	PAIHT	BLOCK	PAHT	BLOCK	PAHT	CONCRETE	PAIHT	110		
56	AHIMAL ISOLATION	COHCRETE		BLOCK	PAINT	BLOCK	PAINT	BLACK	PAHT	BLOCK	PAINT	COHERETE	PAHT	I' 0''		
51	CHANGE ROOM	CONCRETE		BLOCK	PAINT	ELOCK	PAIHT	BLOCK	PAINT	BLOCK	PAHT	GYP. BOARD	PAIHT	7'6"	WP GYPSUM BOARD CEILING	
58	CHANGE ROOM	CONCRETE		BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAINT	BLOCK	PAHT	GYP BOARD	PAIH	7'6"	WP GYPSUM BOARD CEILING	
59	AHIMAL ISOLATION	COHCRETE		BLOCK	PAIHT	BLACK	PAINT	BLOCK	PAINT	BLOCK	PAINT	CONCESSE	PAINT	11'0"	<u> </u>	
60	CHANGE ROOM	COHCRETE		BLOCK	PAINT	BLACK	PANT	BLOCK	PAINT	BLOCK	PAINT	GYP. BONED	PAIHT	7'6"	WP GYPSUM BOARD CEILING	
61	AHIMAL ISOLATION	COHCRETE		BLOCK	PAIHT	BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAIHT	CONTRETE	PAIHT	1110		
62	CORRIDOR	SEAMLESS	FLASH COVE	BLOCK	PAINT	BLOCK	PAINT	BLACK	PAIH	BLOCK	PAINT	GYP. BONED	PAIHT	7'6"		
65	AR LOCK	SEAMLESS	FLASH COVE	BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAIHT	GYP BOARD		7'6"		
64	ANIMAL ISOLATION	CONCRETE		BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAHT	BLACK	PAHT	COHCRETE	PAHT	11'0"	1	
65	CHALIGE ROOM	COHCRETE		BLOCK	PAIHT	BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAHT	GYP. BOARD	PAH	7'6"	WP GYPSUM BOARD CEILING	
66	CHANGE ROOM	COHURETE		BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAINT	GYP. BOMED	PAINT	7'6"	WP GYPSUM BOARD CELLING	
67	AHIMAL ISOLATION	COHCRETE		BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAINT	BLACK	PAHT	COHERETE	PAIHT	11,0,		
48	CHANGE ROOM	COHCRETE		BLOCK	PAIHT	BLACK	PAIHT	BLOCK	PAIHT	BLOCK	PAIHT	GYP BOARD	PAINT	7'6"	WP GYPSUM BOARD CEILING	
69	AHIMAL ISOLATION	COHCRETE		BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAIHT	BLOCK	PAINT	COHCRETE	PAHT	11'0"		
70	DIRTY CORRIDOR	CONCRETE		BLACK	PAIHT	BLOCK	PAHT	BLOCK	PAINT	BLOCK.	PAINT	COHCRETE	PAIH	11,0,	-	
71	AIR LOCK	CONCRETE		BLOCK	PAINT	BLOCK	PAINT	BLACK	PAINT	BLOCK	PAIHT	COHCRETE	PAHT	11'0"		
72	AHIMAL ISOLATION	COHCRETE		BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAINT	BLOCK	PAHT	COHCRETE	PAIHT	11'0"		
75	CHANGE ROOM	COHCRETE		BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAHT	BLOCK	PAHT	GYP BOARD	PAINT	7160	WP GYPSUM BOARD CEILING	
74	, CHANGE ROOM	COHCRETE		BLACK	PAINT	BLOCK	PAIHT	BLOCK	PAHT	BLOCK	PAINT	GYP. BOARD	PAHT	7'6'	WP GYPSUM BOARD CEILING	
75	AHIMAL ISOLATION	COHCRETE		BLOCK	PAIHT	BLOCK	PAINT	BLOCK	PAIN	BLOCK	PANT	COHCRETE	PANT	11'0'		
76	CHANGE ROOM	COHCRETE		BLOCK	PAHI	BLOCK	PAINT	BLOCK	PAINT	grax	PAINT	GYP BOARD	PAINT	716"	WP GYPSUM BOARD CEILING	
77	AHIMAL ISOLATION	COHCRETE		BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAHT	BLOCK	PAIHT	CONCRETE	PAIHT	11'0'	THE CAPPORT DUARD CALLING	
78	CORRIDOR	SEAMLESS	FLASH COVE	BLOCK	PAHT	BLOCK	PAHT	BLOCK	PAINT	BLOCK	PAINT	GYP. BOARD		7'6		
79	AIR LOCK	SEAMLESS	FLACH COVE	BLACK	PAINT	BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAINT	GYP. BOARD		7'6"		
- Bo	AHIMAL ISOLATION	CONCRETE	10011 0010	BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAIHT	BLOCK	PAINT	COHCRETE	PAINT	11'0'		
<u>81</u>	CHANGE ROOM	CONCRETE		BLOCK	PAINT	BLACE	PAINT	BLOCK	PAH	BLOCK	PAINT	GYP. BOARD	PAHT	7'6"	WP GYPSUM BOARD CEILING	
82	CHANGE ROOM	COHERETE		BLOCK	PAHT	BLOCK	PAIHT	BLOCK	PAINT	BLOCK	PAINT	GYP. BOARD		7'6	WP GYPSUM BOARD CEILING	
		COHCRETE		_	PAIH	BLOCK		+	PAINT	BLOCK	PAINT	COHCRETE		11'0"	און פון זען טאראט כפונותן	
84	CHAILE COM			BLOCK	PAIHT	BLOCK	PAIH	BLOCK		 `	1 1	GYP BOARD	PAHT		NO CHOCKE GOLD AND INC	
	CHANGE ROOM	COHCRETE		BLACK	 	BLACK	PAIHT	BLOCK	PAINT	BLOCK	PAIHT		 	7163	WP GYPSUM BOARD COLING	
86	ANIMAL ISOLATION	COHLEGE			PAIHT	+	PAINT	1	PAHT	+ -	PAIHT	COHCRESE	PAINT	11'0"		
86	DRY CORRIDOR	COHCRETE		BLOCK	PAH	BLOCK	PAINT	BLOCK	PAINT	BLOCK	LANK.	CONCRETE	PAHT	o	1	
87	AIR LOCK	COHCRETE	71111 40 7	BLACK	PAIHT	BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAHI	CONCRETE	PAHT	II'O"	11/2 61/2/11/4 001/50	
88	HECROPSY	SEAMLESS	FLASH COVE	BLOCK	PAHT	BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAINT	GYPSUM BO.	PAIHT	9'0"	WP GYPSUM BOARD CEILING	
89	IHCHERATOR	COHCRETE		BLOCK	74.05	BLOCK	di via	BLOCK	1000	BLOCK	2000	CONCRETE	2000	'or	ING CHACINA RAYER	
90	CHANGE ROOM	COHCRETE		BLOCK	PAIHT	BLOCK	PAIHT	BLOCK	PAIHT	BLOCK	PAIHT	GYP BOARD		71611	WP GYPSUM BOARD CEILING	
91	ANIMAL ISOLATION	CONCRETE	-	BLOCK	PAHI	BLOCK	PAINT	BLOCK	PAHI	BLOCK	PAHT	CONCRETE		II'O'I	110 0101111 0111	
92	CHANGE ROOM	COHLRETE		BLOCK	PAIHT	BLOCK	PAHT	BLOCK	PAINT	BLOCK	PAIHT	GYP. BOARD		76	WP GYPSUM BOARD CEILING	
93	AHIMAL ISOLATIOH	COHCRETE		BLOCK	PAIHT	BLOCK	PAHT	BLOCK	PAINT	BLOCK	PAIHT	COHCRETE		11'0'		
94	CORRIDOR	GEAMLESS.	FLASH COVE	elar	PAHT	BLOCK	PAINT	BLOCK	PAIN	BLOCK	PAHL	GYP BONED		71611	ļ	
95	AIR LOCK	SEAMLESS	FLASH COVE	BLOCK	PAHT	BLOCK	PAIHT	PLOCK .	PAIHT	BLOCK	PAINT	GYP BONED		716"	·	
96	AHIMAL ISOLATION	COHCRETE		BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAINT	BLOCK	PAIHT	CONCRETE	PAINT	ווי טיון	1	

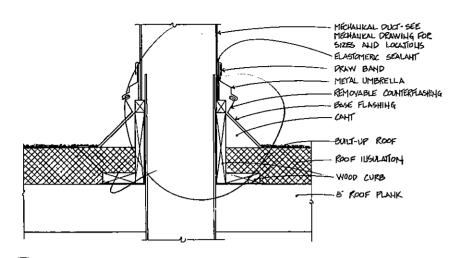
		AL WILDLIFE ORY	ROOM FINISH SCHED				
REVISION	STATUS	DATE	DESCRIPTION	В			
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ANIMAL ISOLATION BUILDING ROOM FINISH SCHEDUL MADISON, WISCONSIN

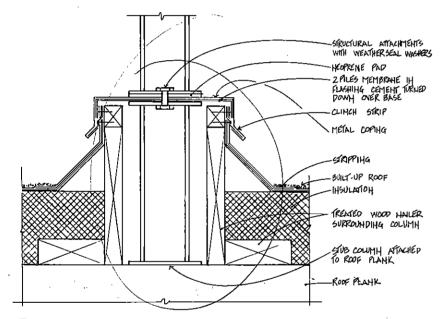
DATE 7/84 DESIGNED DRAWN WRA WRA WSS DRAWING NO. DEC-WI-927-383.0

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ROOM								LLS					EILIN	G	
NO.	ROOM NAME	FLOOR	BASE	— —	RTH	EA			UTH	-	ST				REMARKS
				MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	HT.	
97	CHANGE ROOM	COHCRETE		BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAINT	BLOCK	PAINT	GYP. BOARD	<u> </u>	7'6"	WP GYPSUM BOARD CEILING
98	CHANGE ROOM	COHCRETE		Black	PAINT	BLOCK	PAINT	Brook	PAHT	BLOCK	PAINT	GYP. BOARD	PAHT	7'6"	WP GYPSUM BOARD CEILING
190	ANIMAL ISOLATION	CONCRETE		BLOCK	PAINT	BLOCK	PAUT	BLOCK	PAIHT	BLOCK	PAIHT	CONCRETE	PAINT	11'0"	
101		COHCRETE		BLOCK	PAINT	BLACK	PAINT	BLOCK	PAIHT	BLACK	PAH	CONCRETE	PAIHT	1'0"	
102	CHANGE ROOM	COHERETE		BLACK	PAINT	BLOCK	PAINT	BLOCK	PAINT	BLACK	PAIHT	GYP. BONRD		716"	WE GYPSUM BOARD CEILING
103	CHANGE ROOM ANIMAL ISOLATION	COHCRETE		BLOCK	PAIHT	BLOCK	PAIHT	BLACK	PAINT	BLOCK	PAINT	GYP. BOARD	PAINT	7'6'	WP GYPSUM BOARD CEILING
104	ANIMAL ISOLATION	COHCRETE		BLACK	PAINT	BLOCK	PAINT	BLACK	PAINT	BLOCK	PAIHT	COHORETE	PAINT	11'0"	, , , , , , , , , , , , , , , , , , ,
105	CHANGE ROOM	COHCRETE		BLOCK	PAINT				PAHT	BLOCK	PAIHT	CONCRETE	PAINT	11'0"	
106	CORRIDOR	SEAMLESS	FLASH COVE	BLOCK	PAIHT	BLOCK	PAIHT	BLOCK	PAIHT PAIHT	BLOCK	PAIHT	GYP BOARD		7'6"	WE GYESUM BOARD CEILING
107	CHANGE ROOM	CONCRETE		BLOCK	PAIHT	BLOCK	PAIHT	BLOCK	PAIHT	BLOCK	PAHT	GYP. BOARD		7'6"-74"	7'4' CEILING BETWEEN GEND " 2 THEN "4 - CONCRETE
108	ALIMAL ISPLATION	COHCRETE		BLOCK	PAINT	BLOCK	PAINT	BLACK	PAIHI	BLOCK	PAINT	GYP. BOARD CONCRETE		7'6'	WP GYPSUM BOARD CEILING
POI	FEED ? CAGE STORAGE	COHCRETE		BLOCK	PAIHT	BLOCK	PAHT	BLACE	PAHT	BLOCK	PAHT	COHCRETE		11,0,	·
110	CAGE WASH & LAUHDRY	COHCRETE		BLOCK	PAINT	BLOCK	PAIHT	BLOCK	PAINT	BLOCK	PAINT	COHCRETE	PAHT	11'0"	
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201	UPPER MECHAHICAL ROOM	CONCRETE		BLOCK		BLOCK		BLOCK		BLOCK		COHURETE		10,10,	
202	MECHANICAL CHASE	AYWOOD		BLOCKISIUS		BLOCKISIU		BLOCKISIUS				5100		7'10"	
2015	MECHANICAL CHASE	PLYWOOD		BLAZZ/51UD		BLOCK/5TUP		BLOCK/STUD		BLOCK/STUD		STUP		7'10"	
204	MECHANICAL CHASE	PLYWOOD		BLACK/5TUP				BLOCK/910P		BLOCK/KNO		5100		7' 10"	
205	MECHALICAL CHASE	PLYWOOD		BLOCKISIUP		BLOUZISTUD		1		BLOCK/91UD		5100		7'10"	-
206	MECHANICAL CHASE	NYWOOD		BLOCK				BLOCK 15 W		BLOCK		5100		7'10"	
207	MECHANICAL CHASE	PLY WOOD		BLACK / STUD				BLOCK/51VD		BLOCK/51V		19100		7'10"	
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MAT. :	MATERIAL FIN. : FINISH	HT. : HEIGHT	-		•			•			<u> </u>		-		

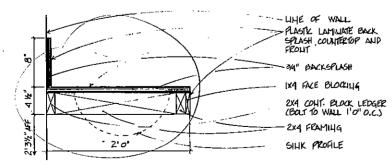
ВУ	BY	DESCI		DATE	STATUS	REVISION
E	SH SCHEDULE	ROOM		RY BUILD!	NATIONA ABORATO BOLATION	ANIMAL I HEALȚH L
┨	WI-927-384 Æ	DRAWING NO	CHECKED WB\$	DRAWN WRA	DESIGNED WRA	MADISON DATE 7/84



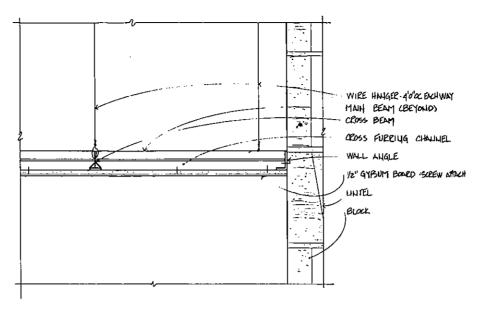
TYPICAL DUCT THRU ROOF SCALE 1 1/2":1'-0"



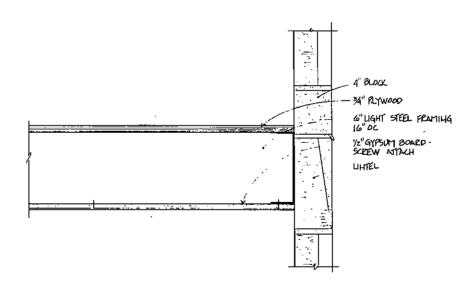
ROOF PEDESTAL SCALE 3":1'-0"



VANITY SINK SCALE 1 1/2":1'-0"

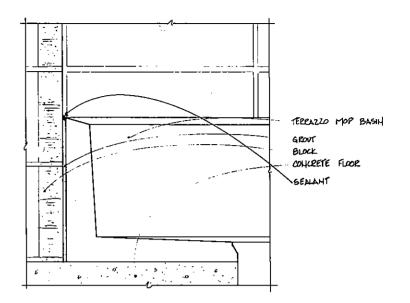


SUSPENDED GYPSUM BOARD CEILING SCALE 3":1'-0"



CORRIDOR CEILING DETAIL SCALE 3":1'-0"

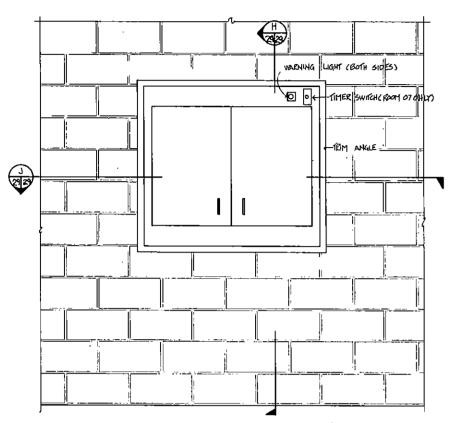




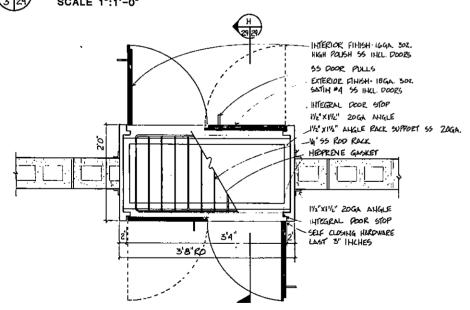
MOP BASIN DETAIL SCALE 3":1'-0"



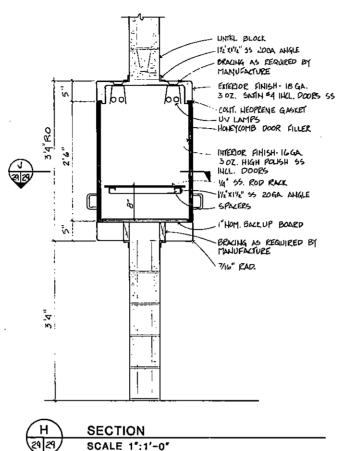
DESCRIPTION REVISION STATUS DATE MADISON NATIONAL WILDLIFE HEALTH LABORATORY MISC. DETAILS ANIMAL ISOLATION BUILDING MADISON, WISCONSIN 7/84 WRA WRA WBS DEC-WI-927-385 .Q

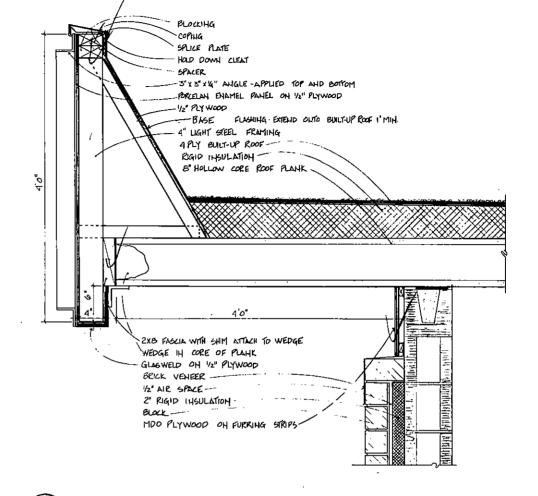


PARTIAL ELEVATION-UV CHAMBER (BOTH SIDES)
3 |29 | SCALE 1":1'-0"

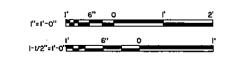


J SECTION 29 29 SCALE 1":1'-0"

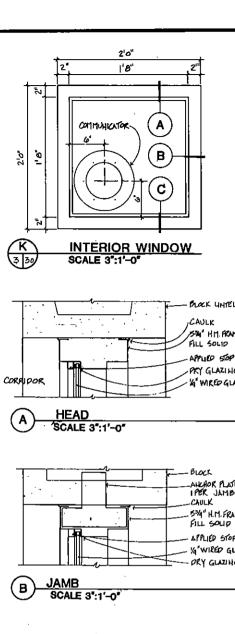


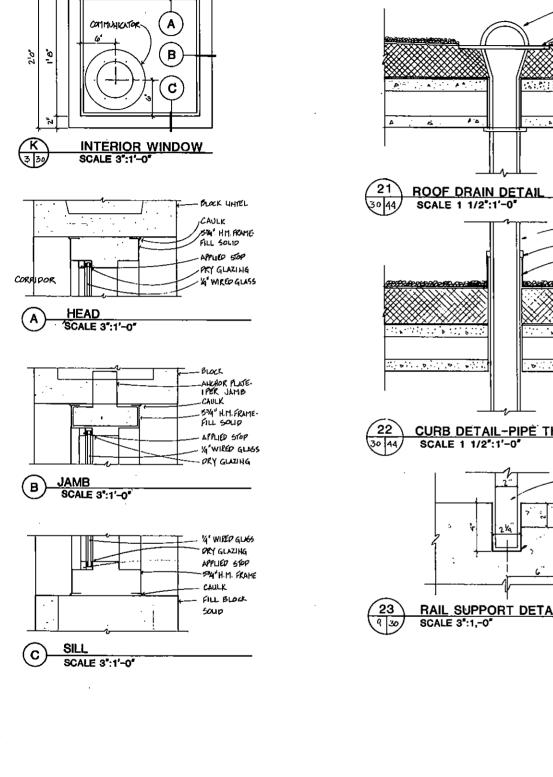


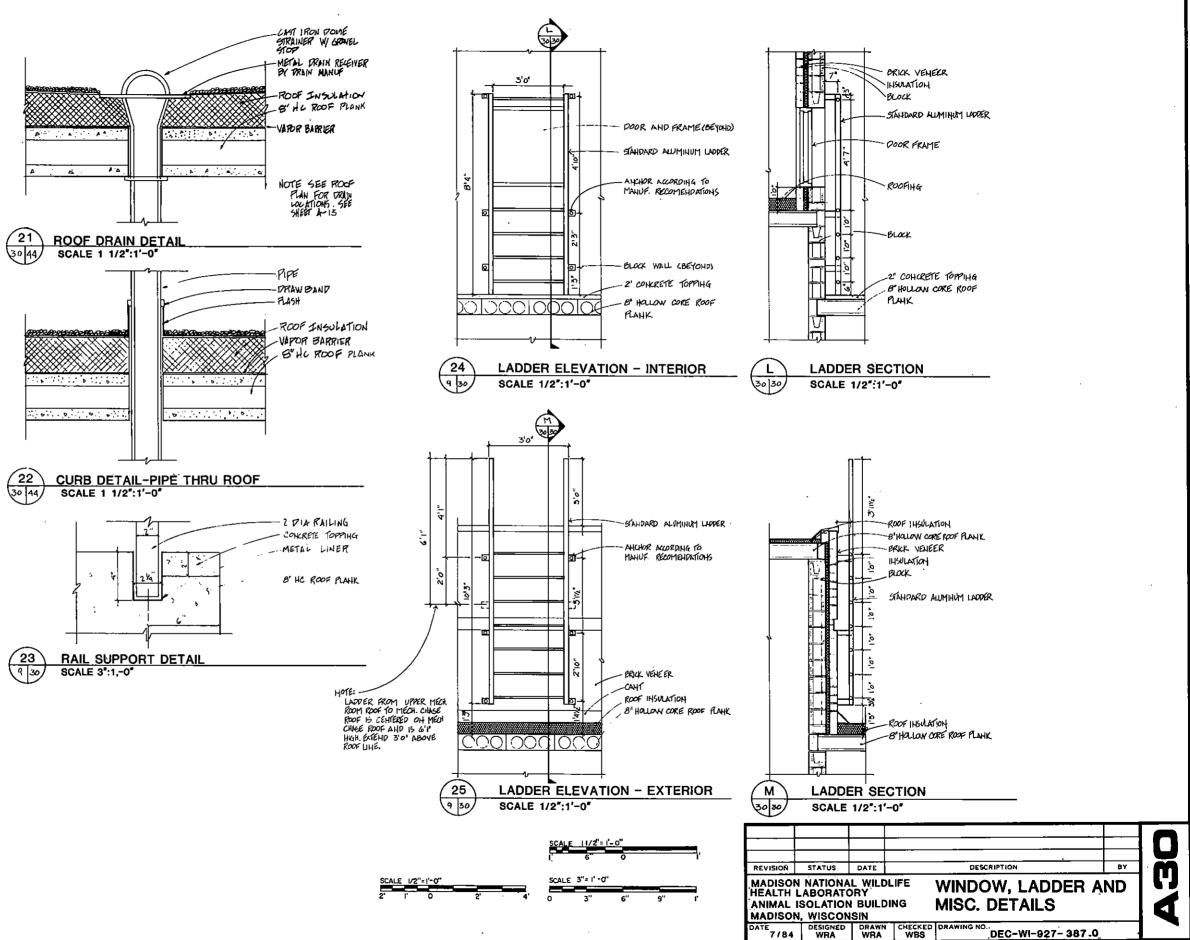
20 FASCIA DETAIL 19 29 SCALE 1 1/2":1'-0"

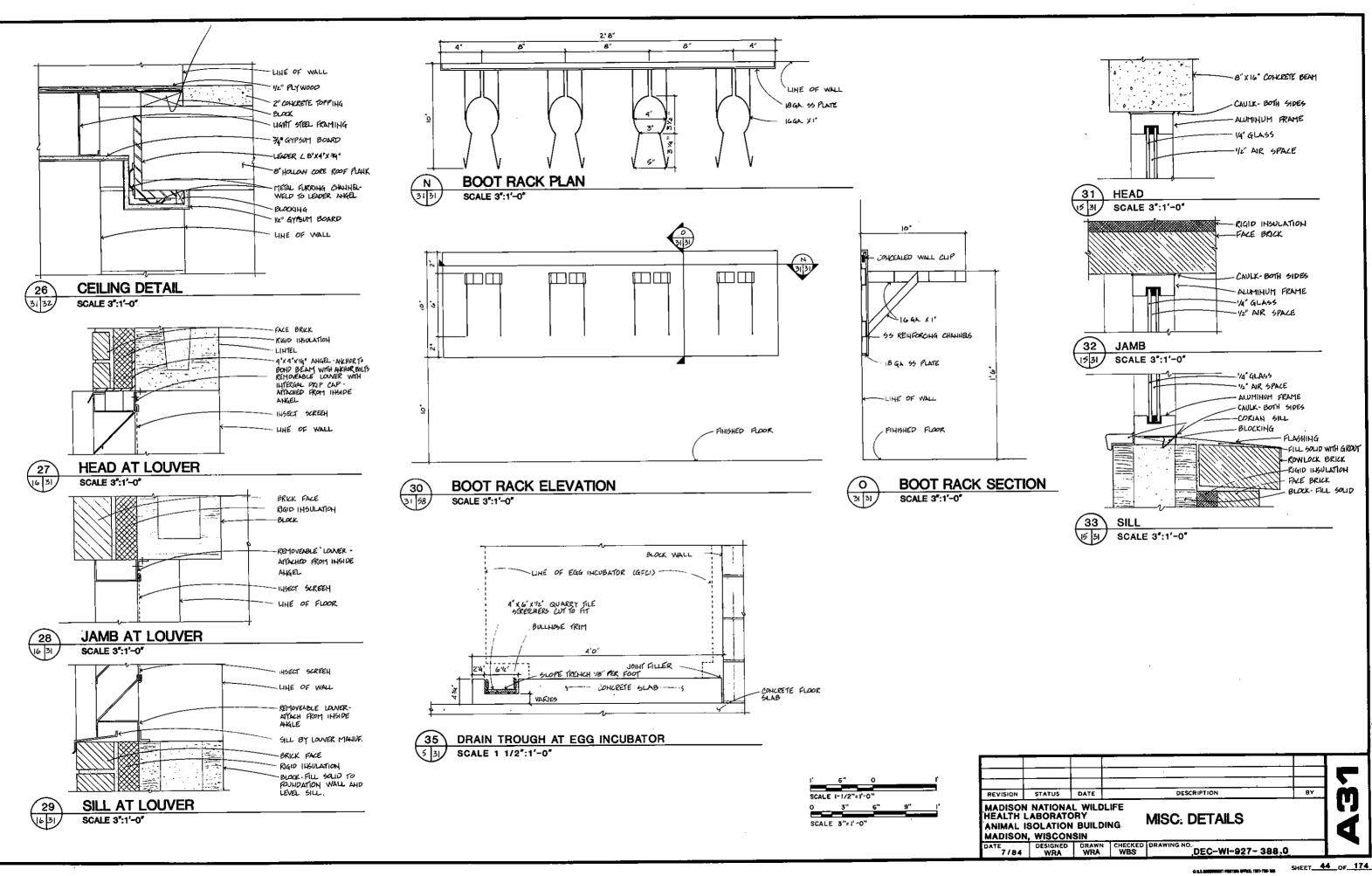


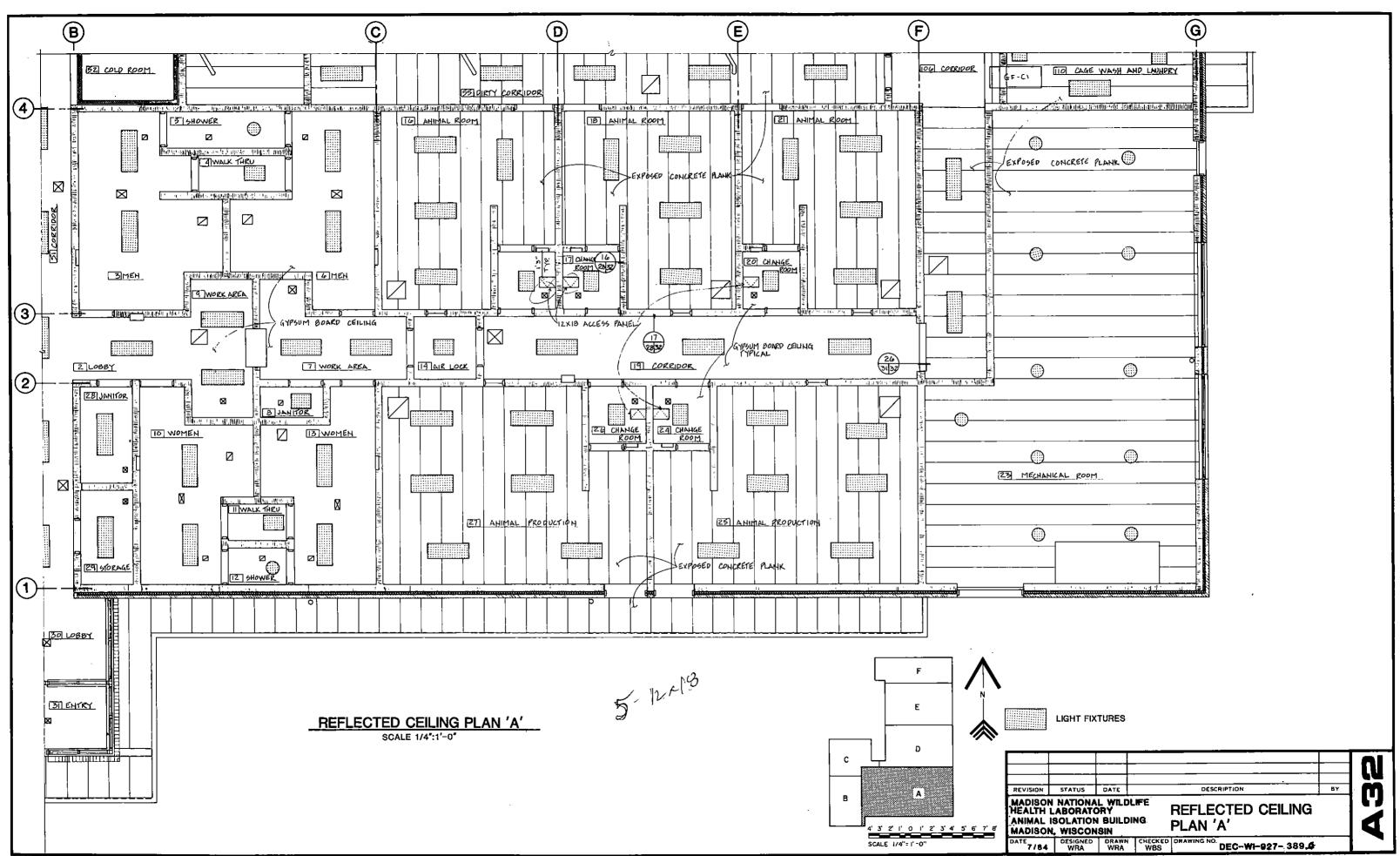
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REVISION	STATUS	DATE		DESCRIPTION	BY	1
MADISON HEALTH L	NATIONA	L WILDL	.IFE	UV CHAMBER AND		
ANIMAL I	SOLATION . WISCON	BUILDI		FASCIA DETAIL		ŀ
DATE 7/84	DESIGNED WBS	DRAWN	CHECKED	DEC-WI-927-386.0		1

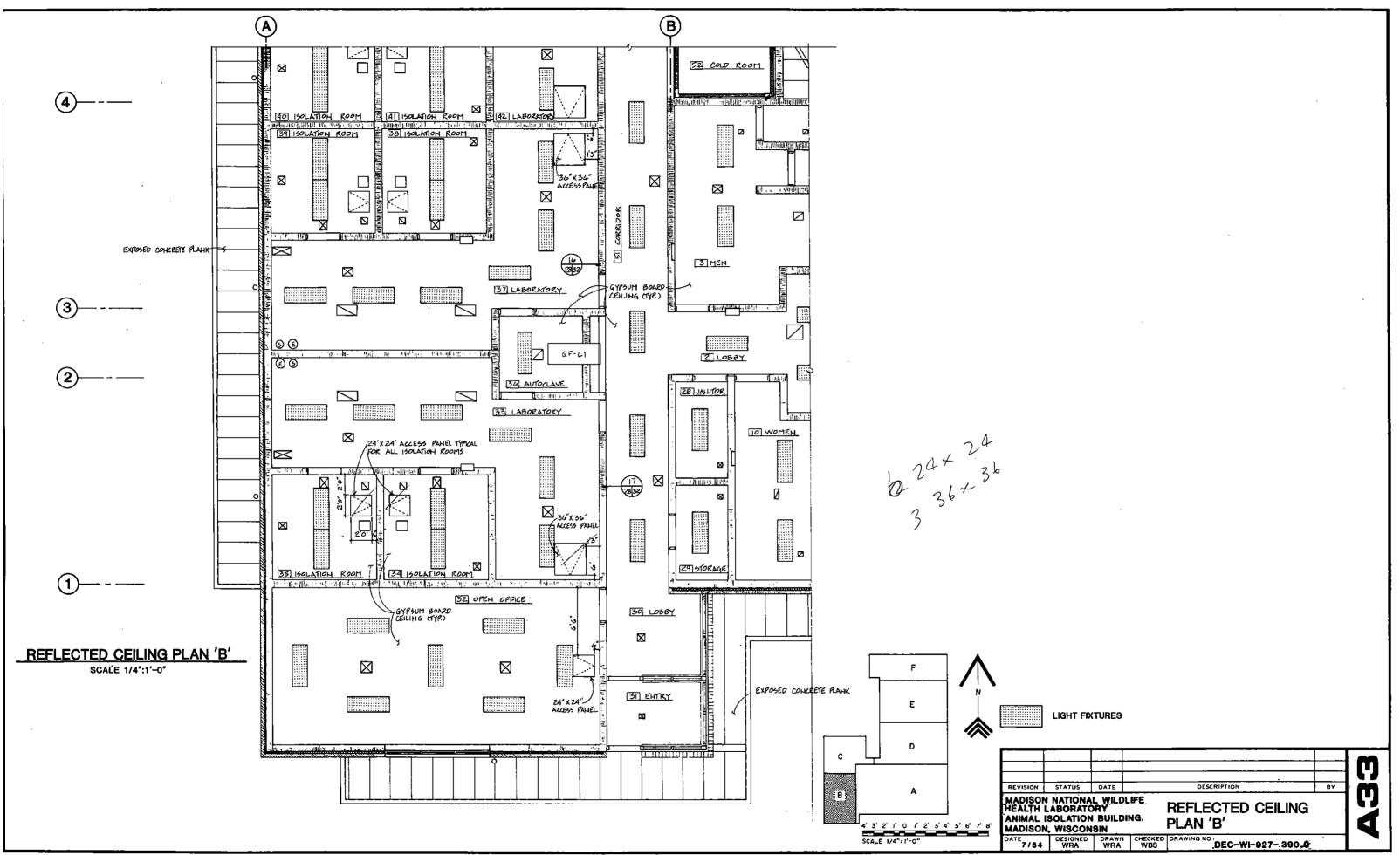


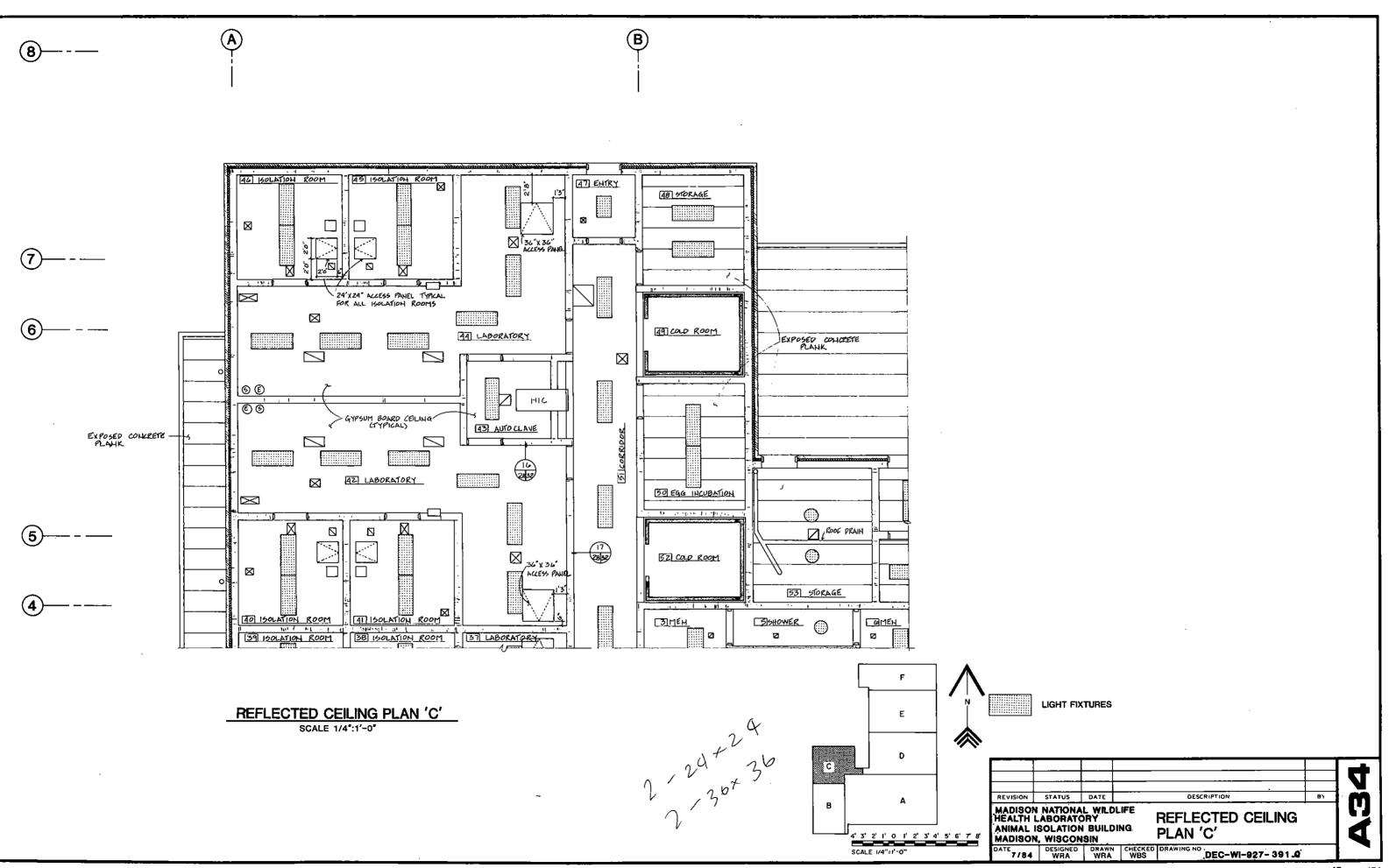


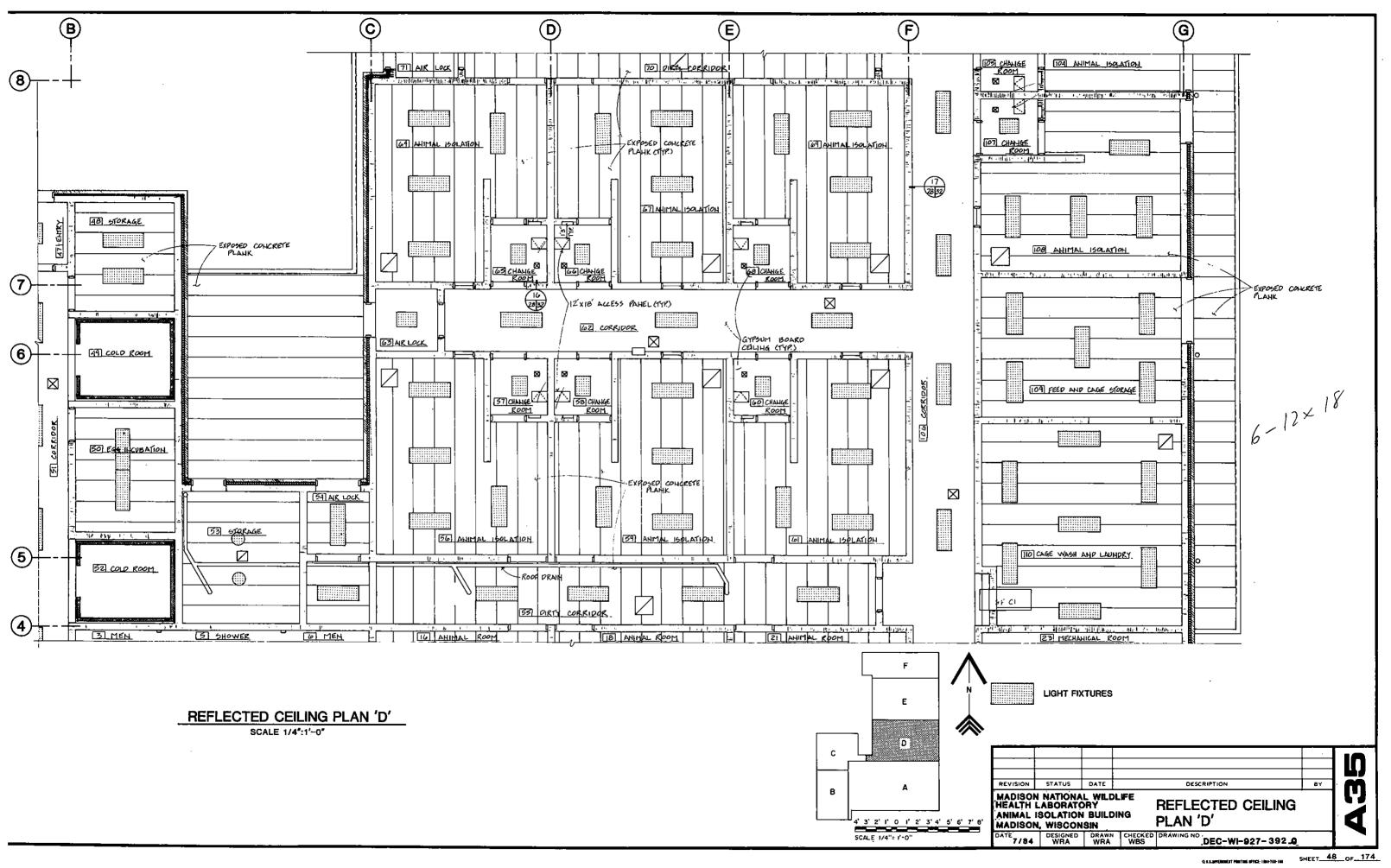


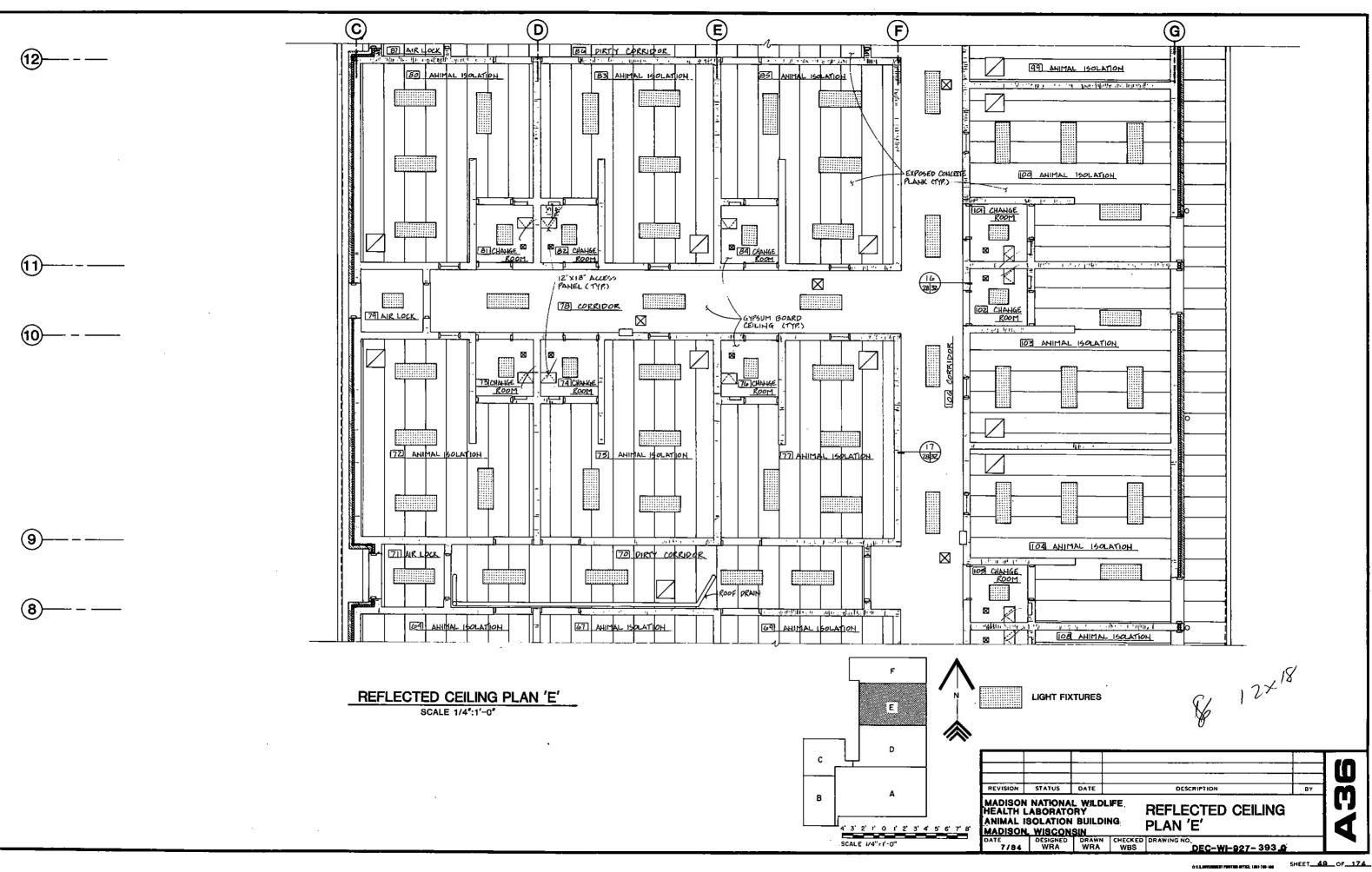


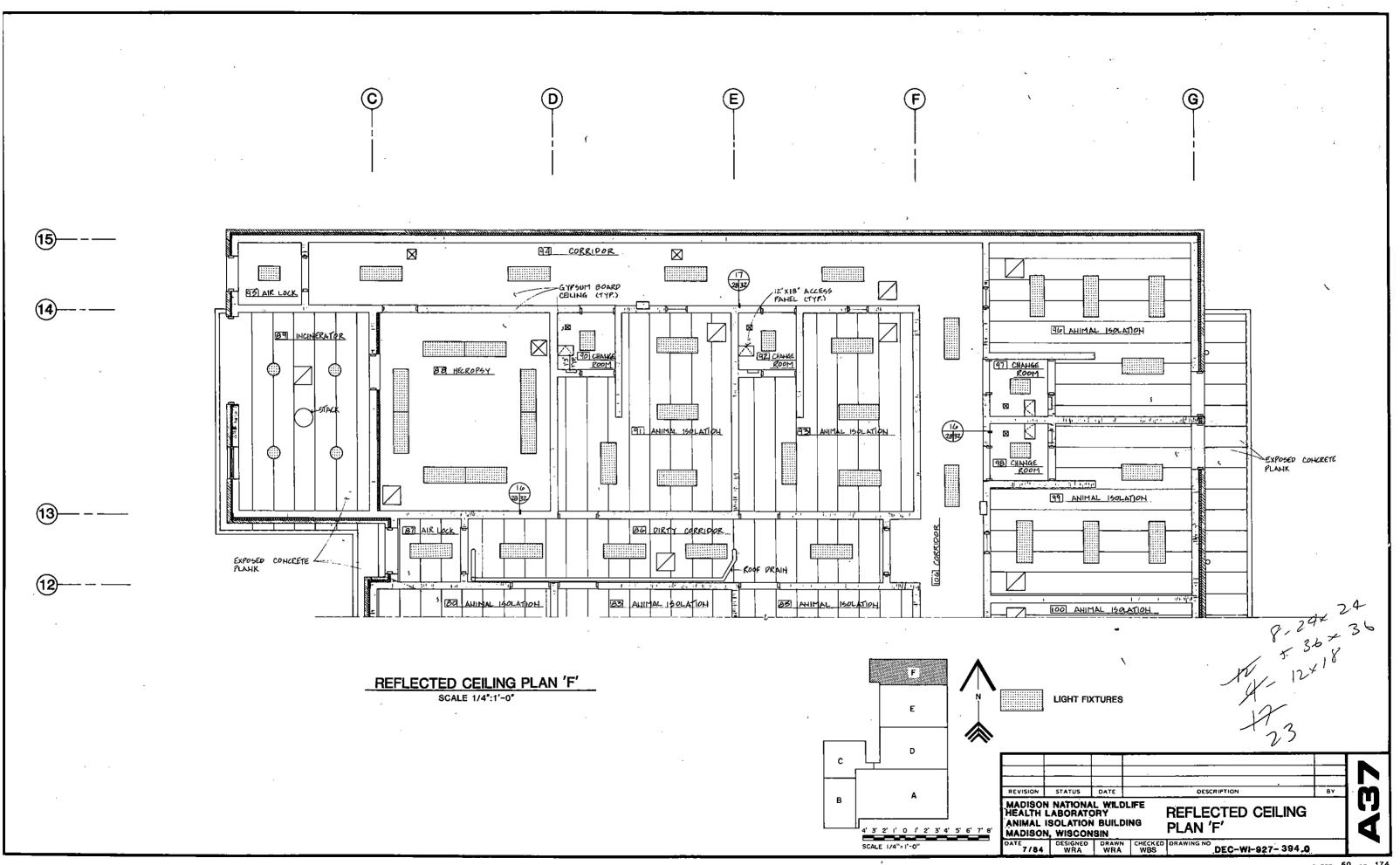


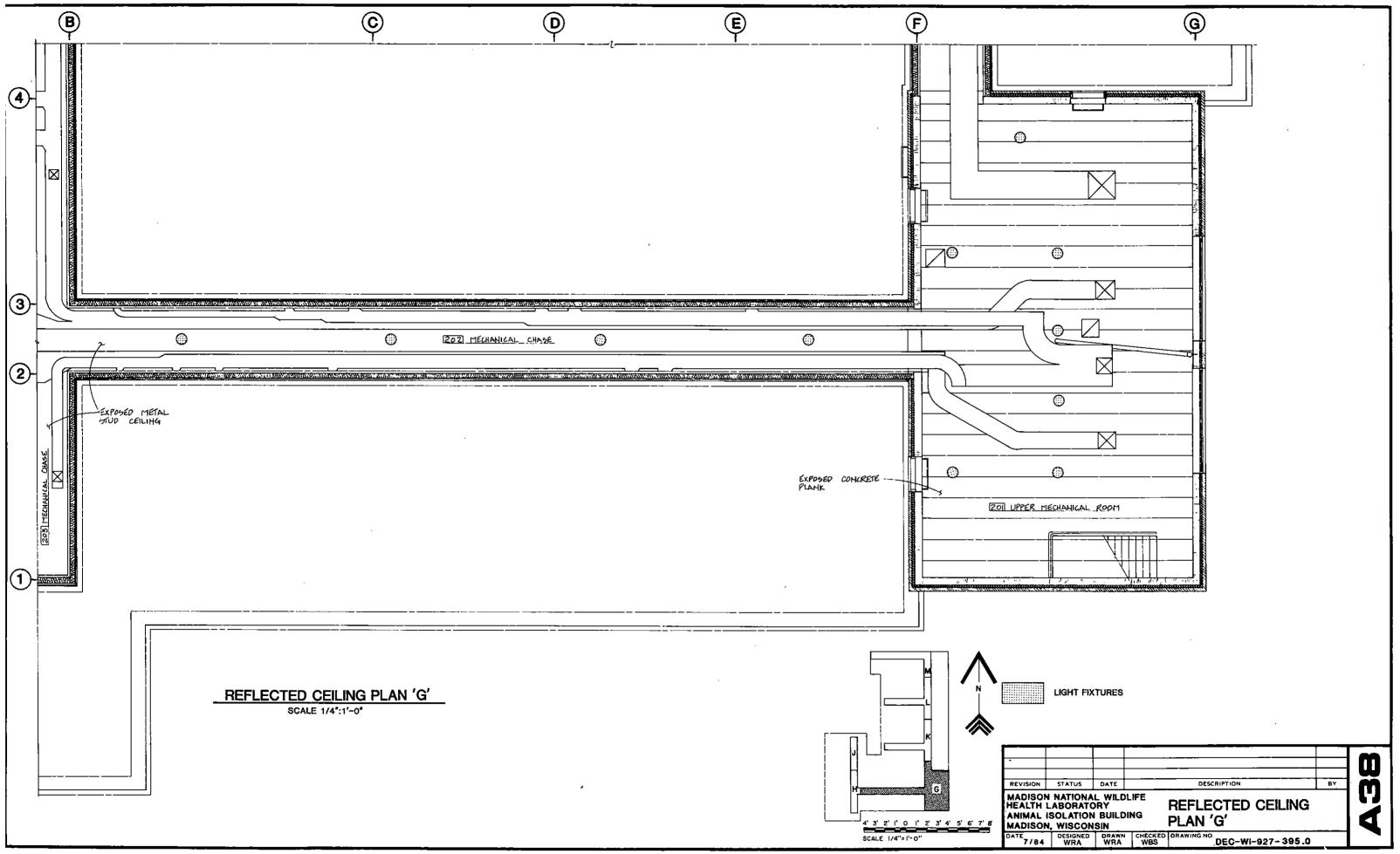


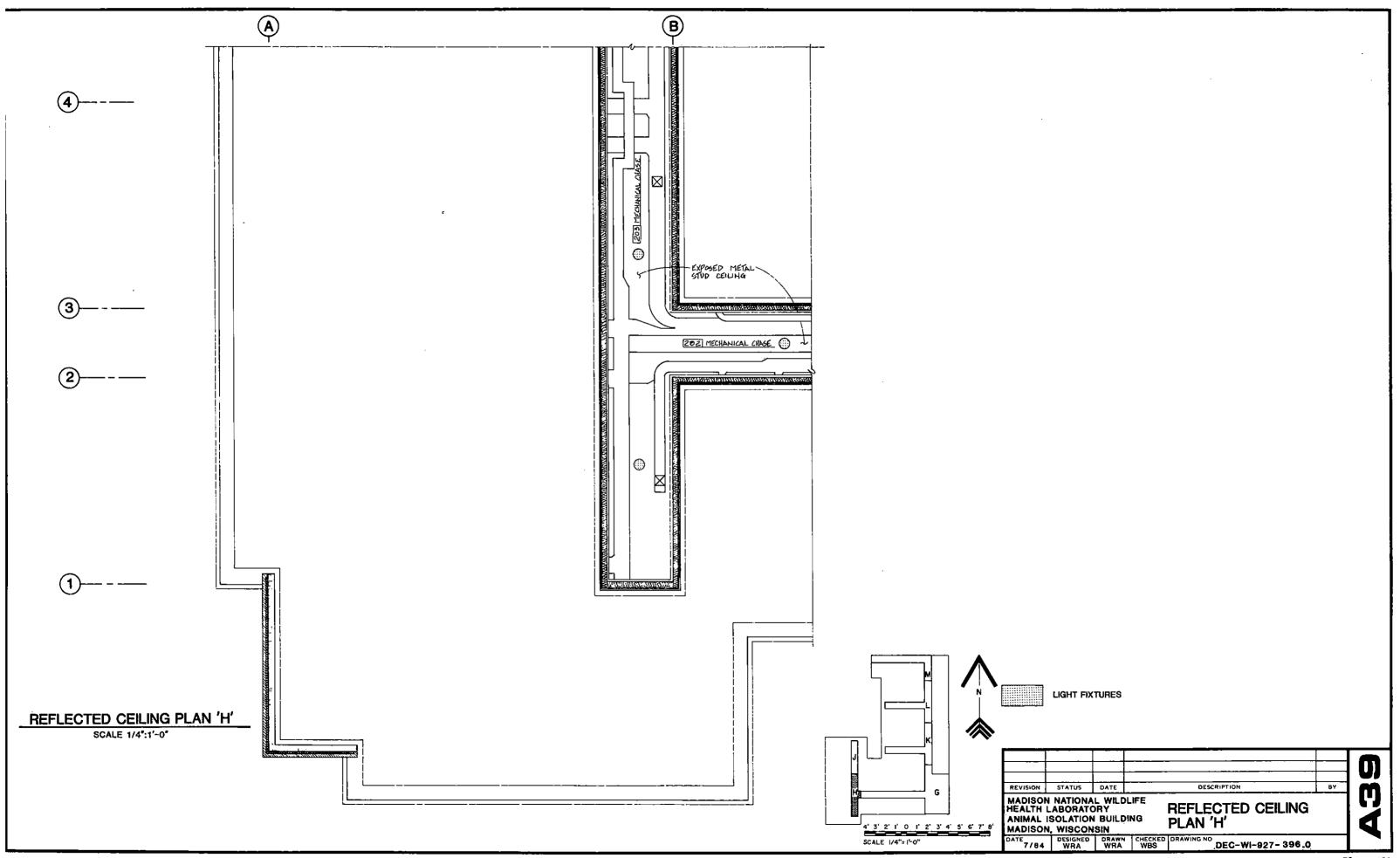


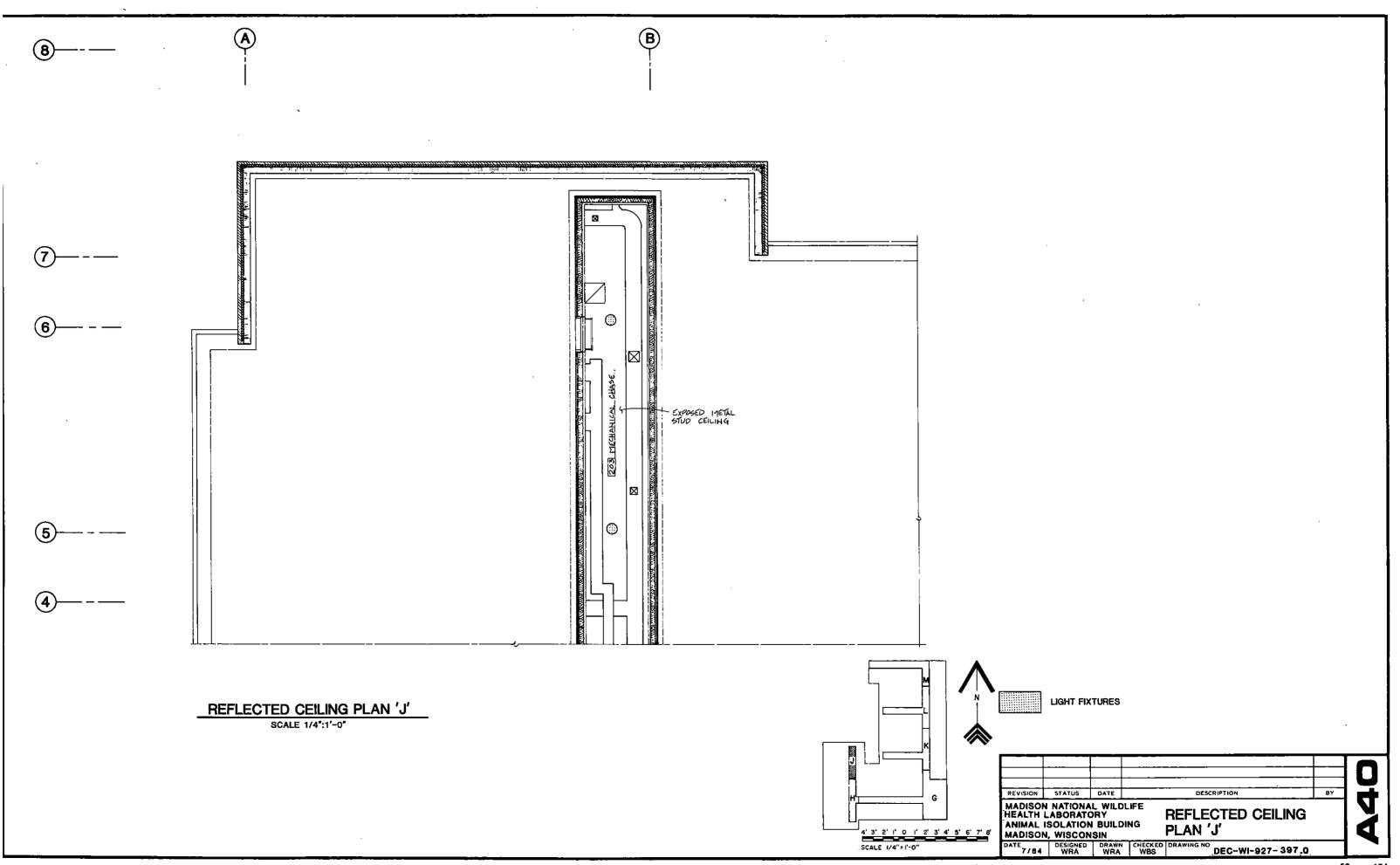


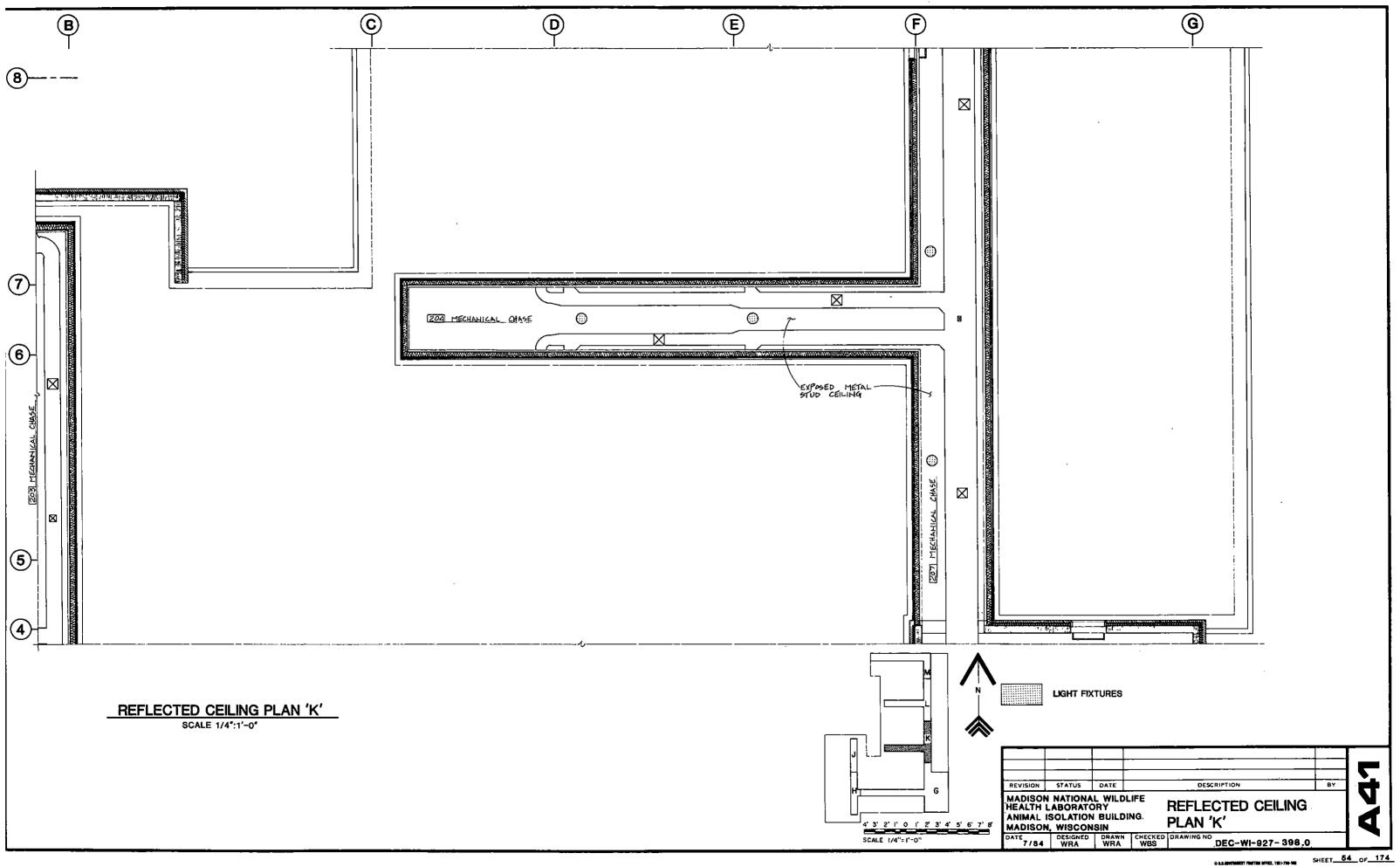


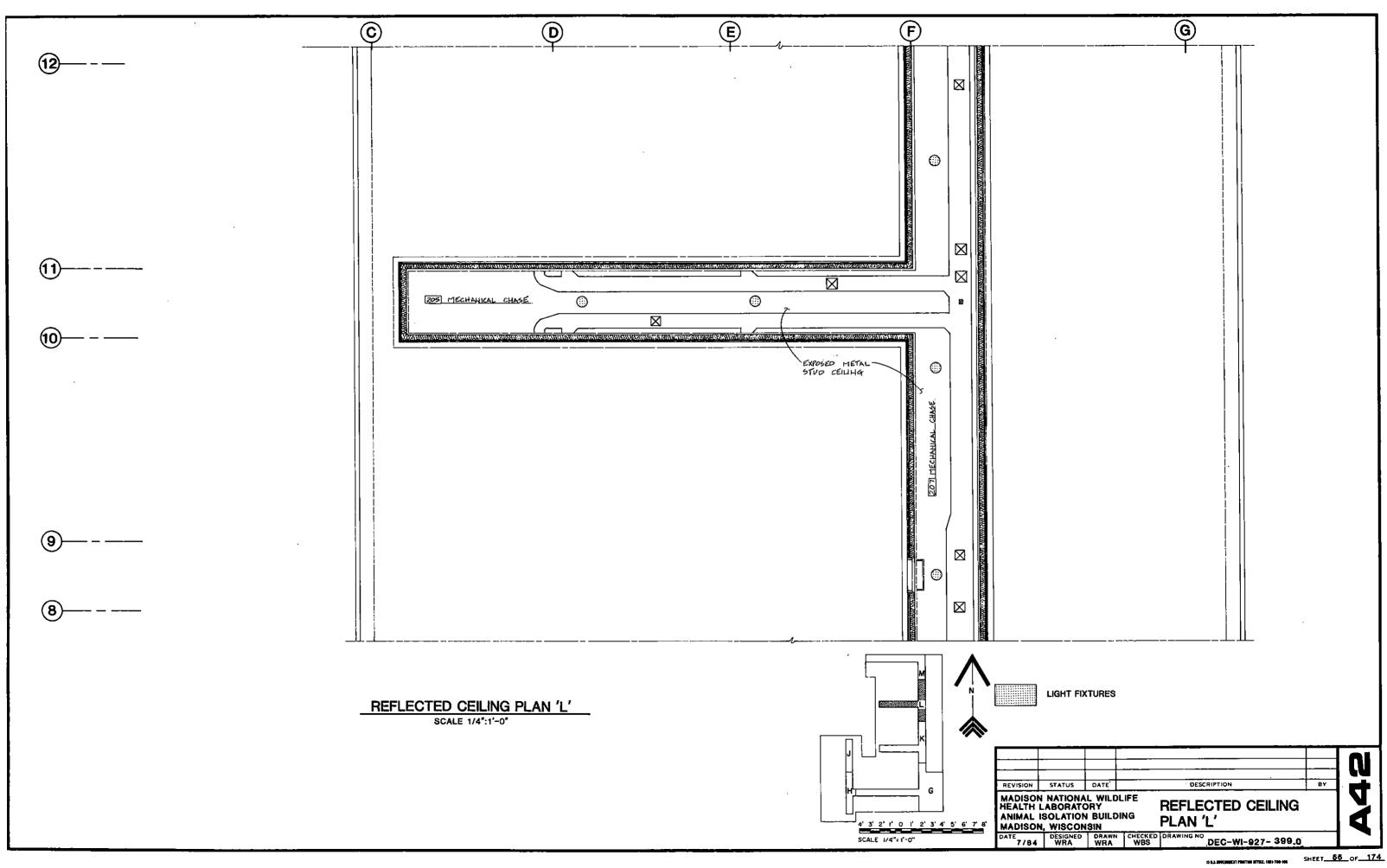


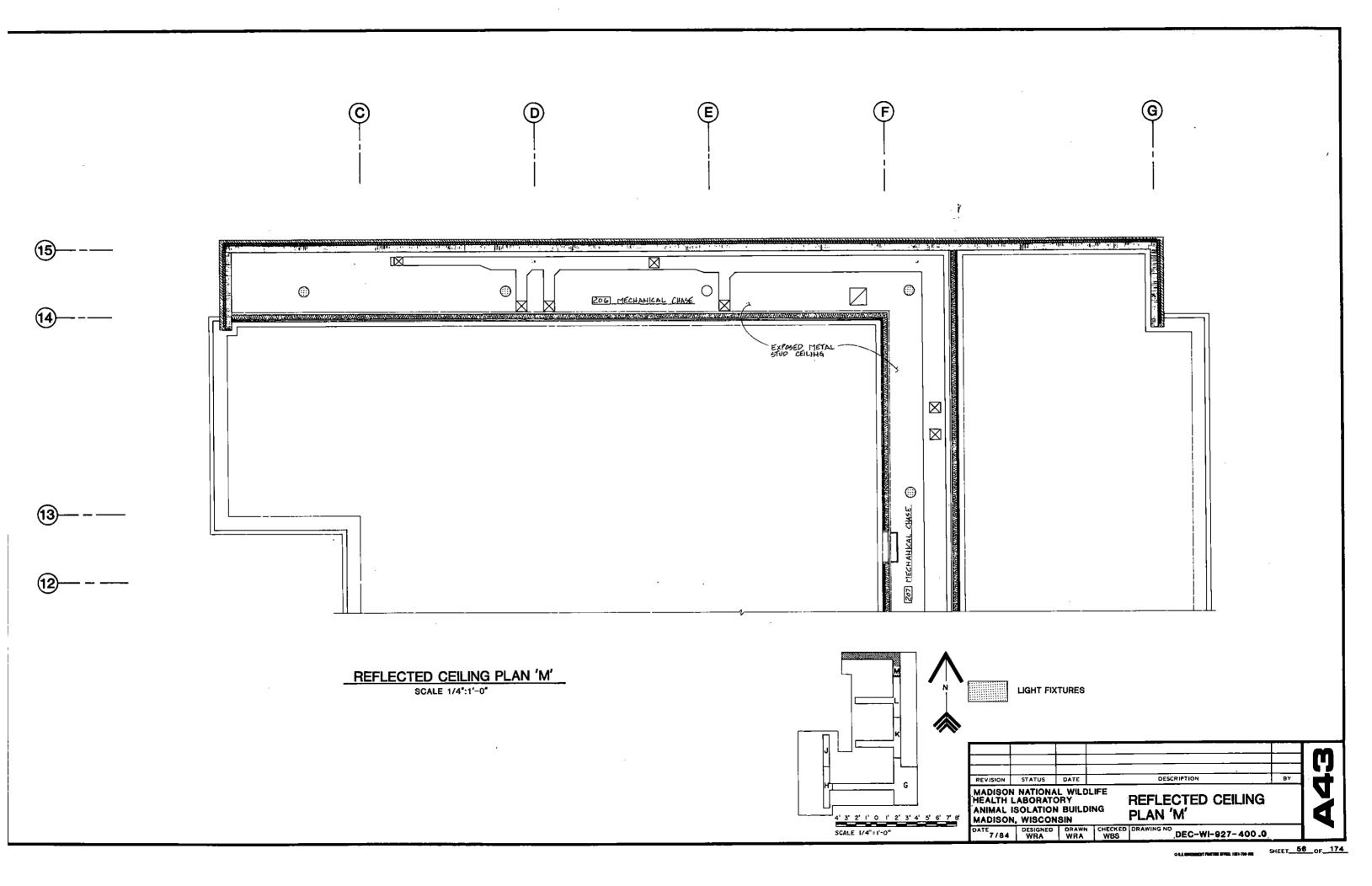


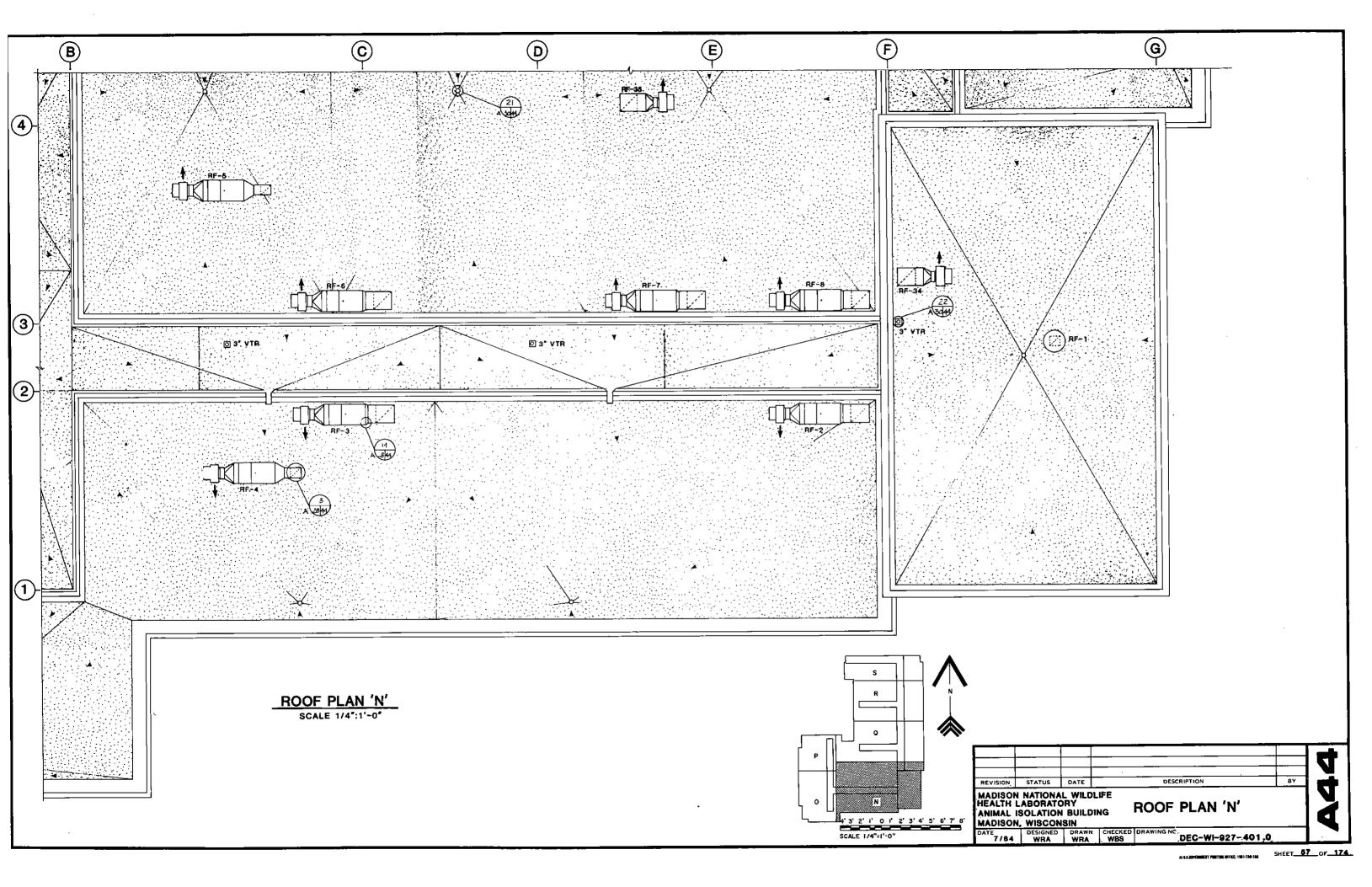


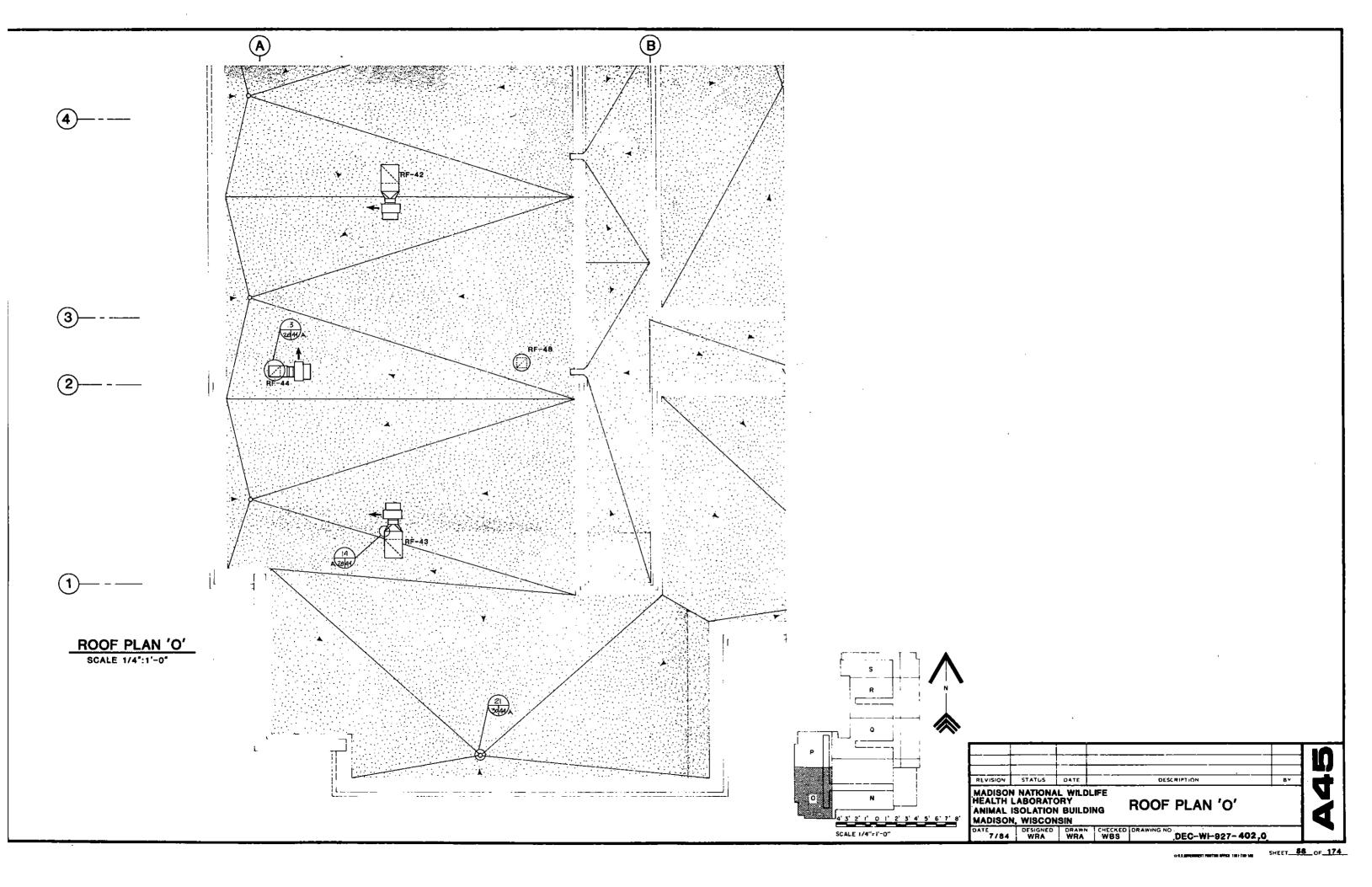


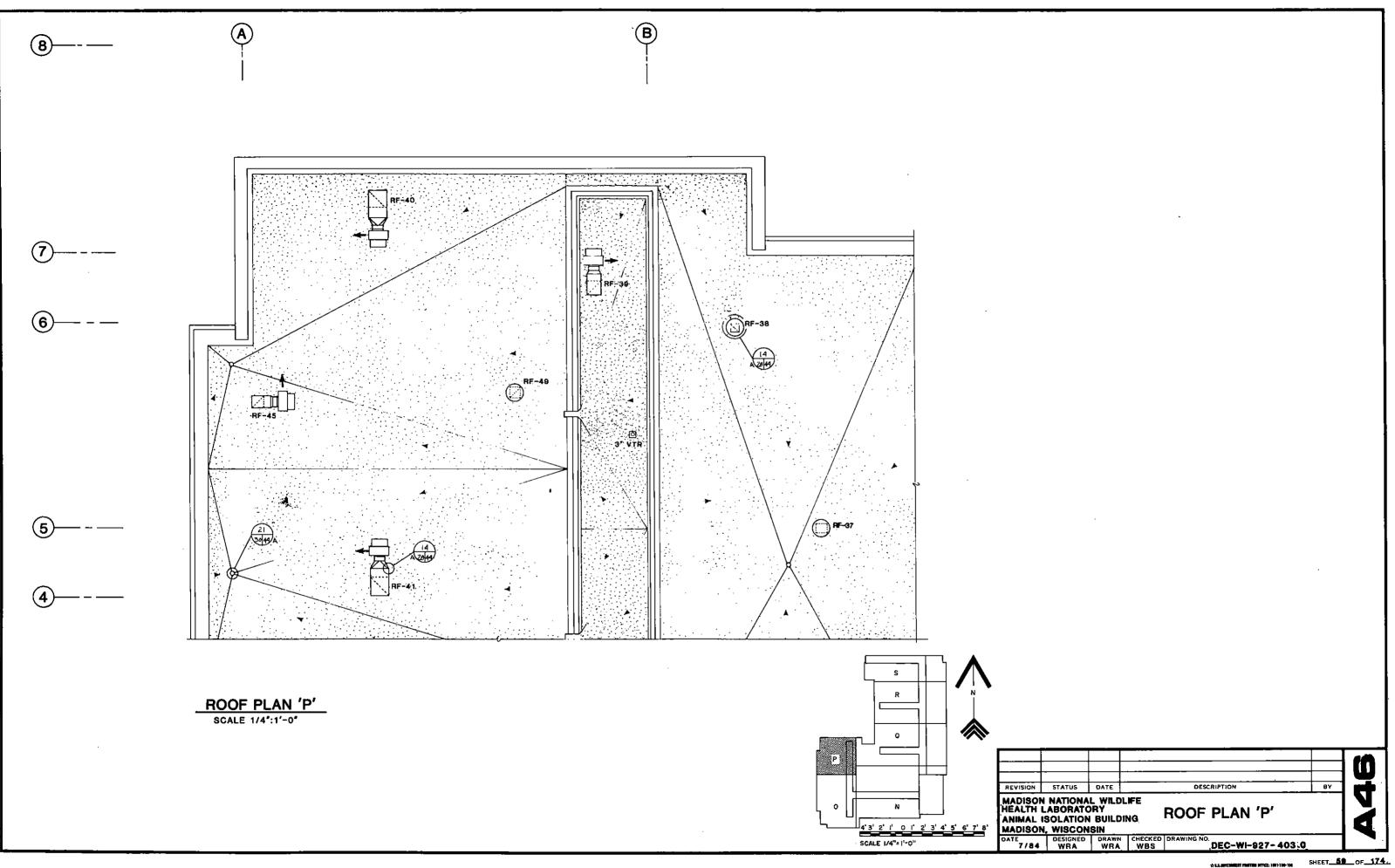


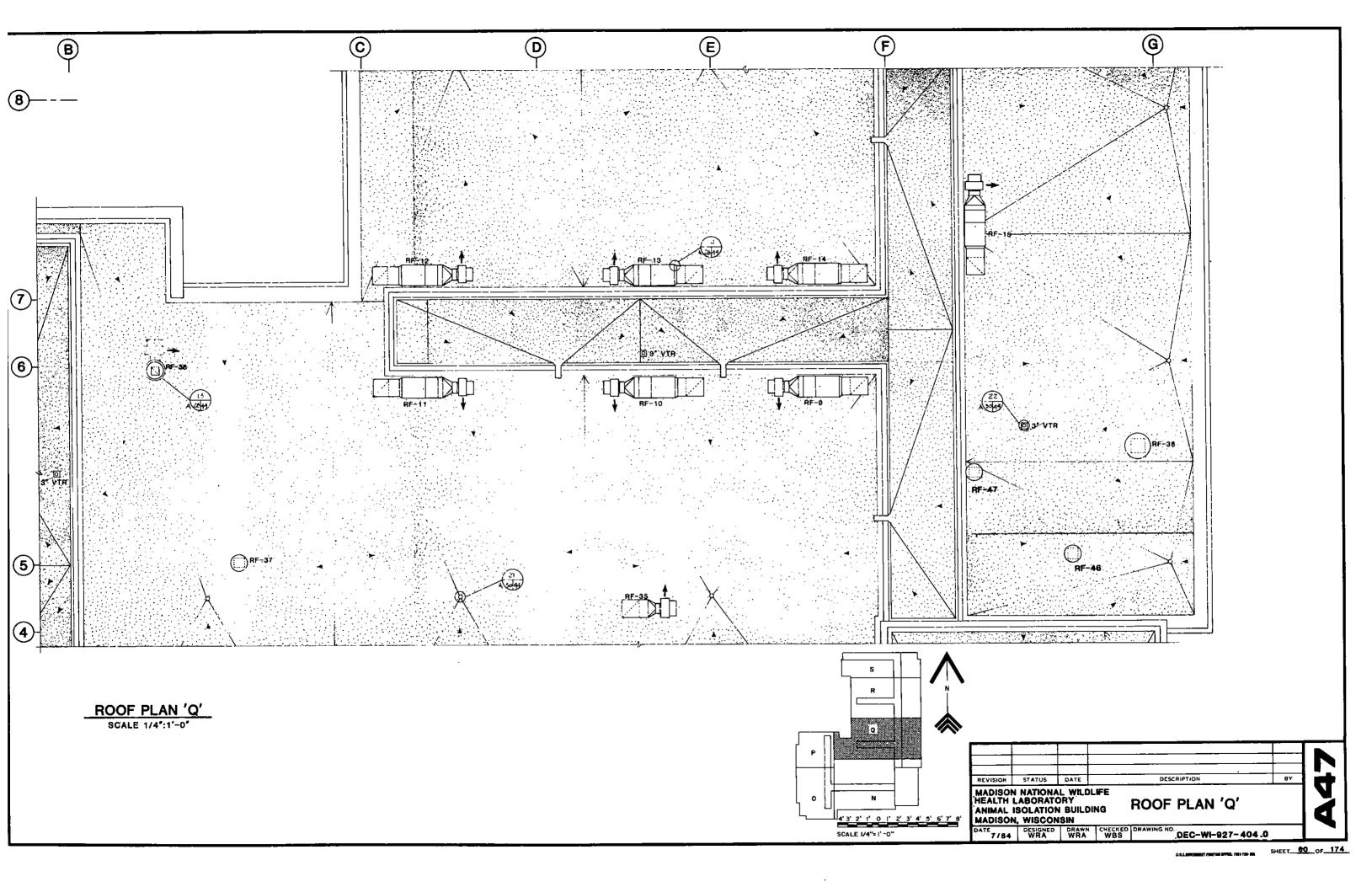


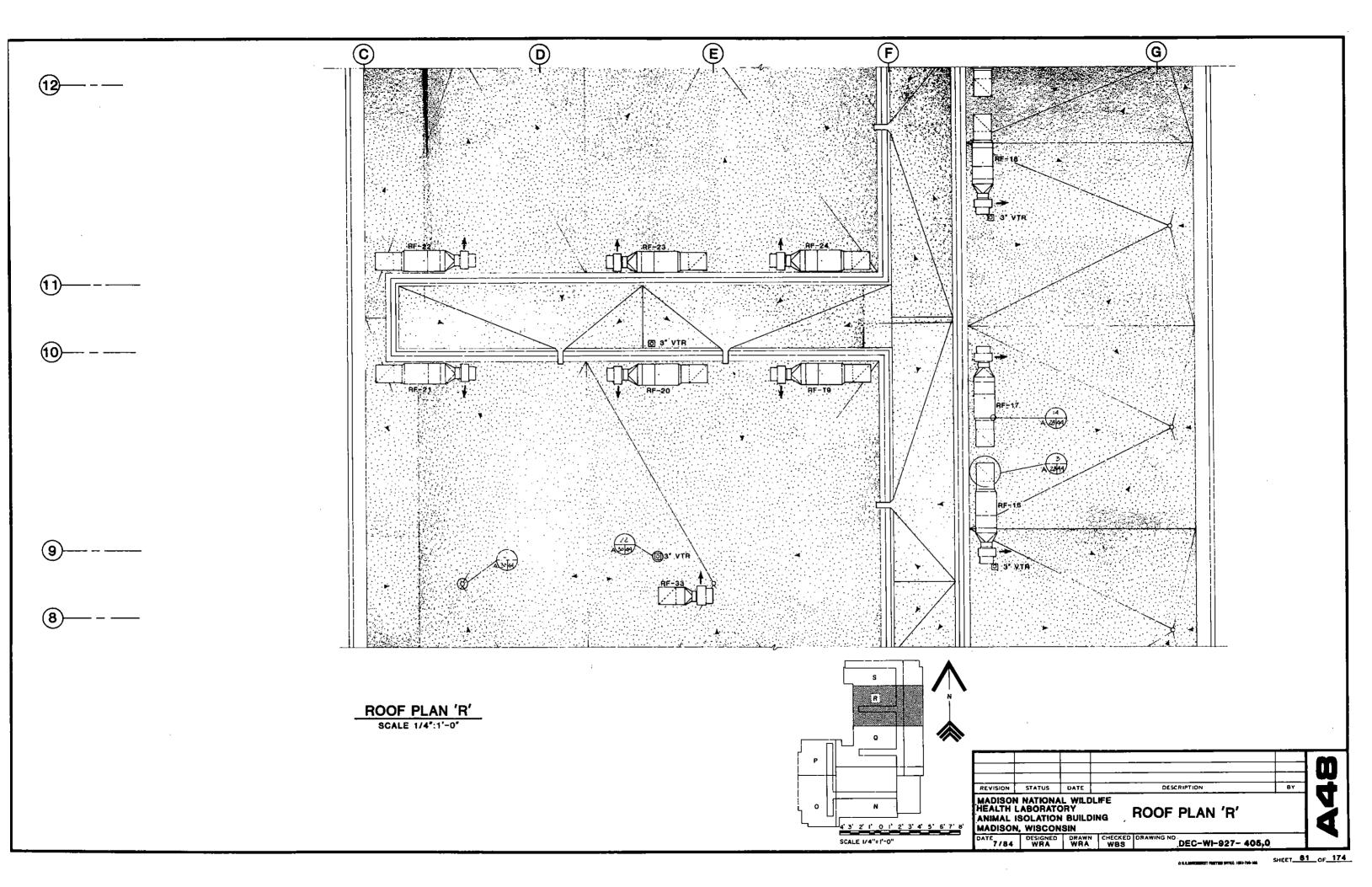


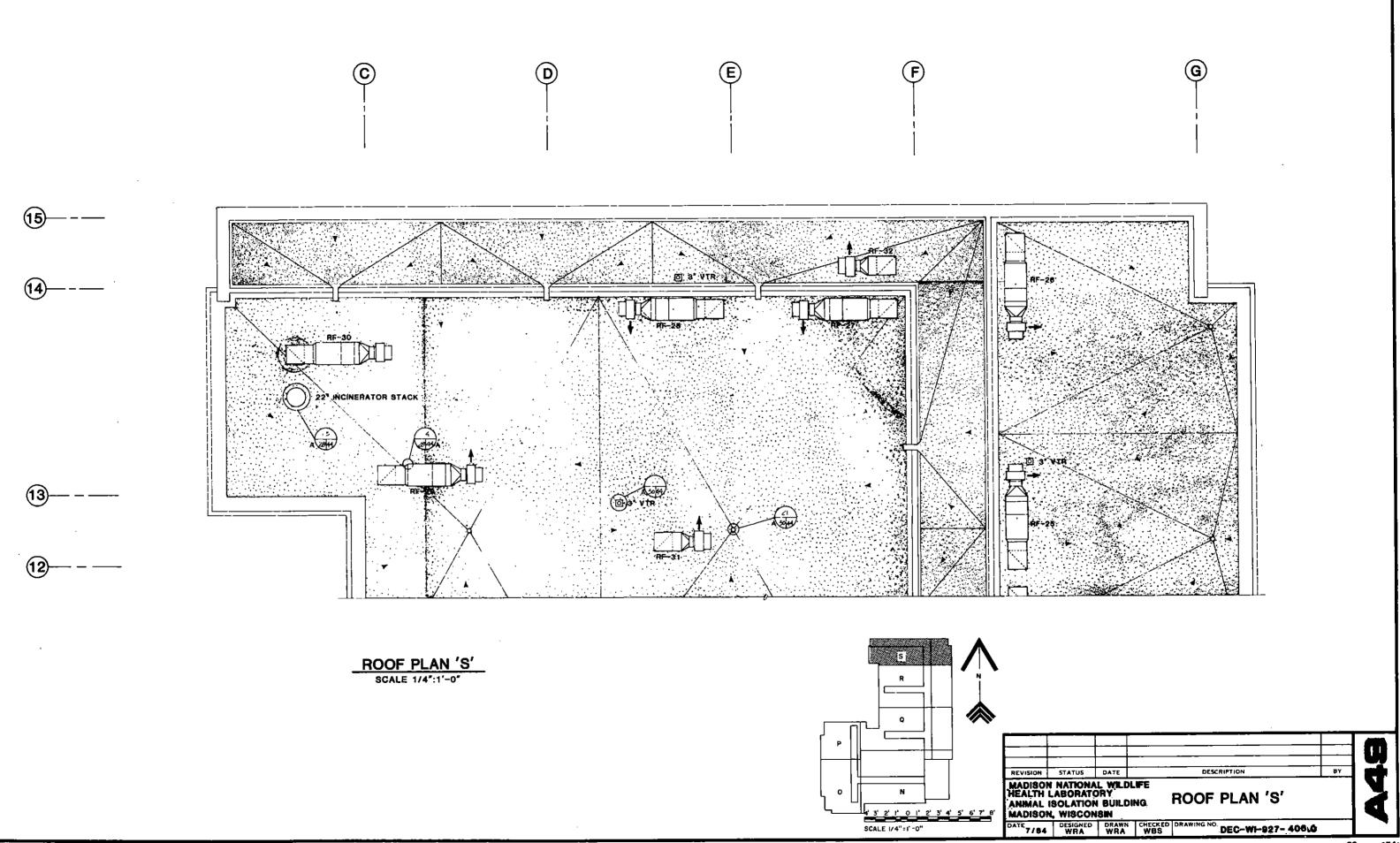


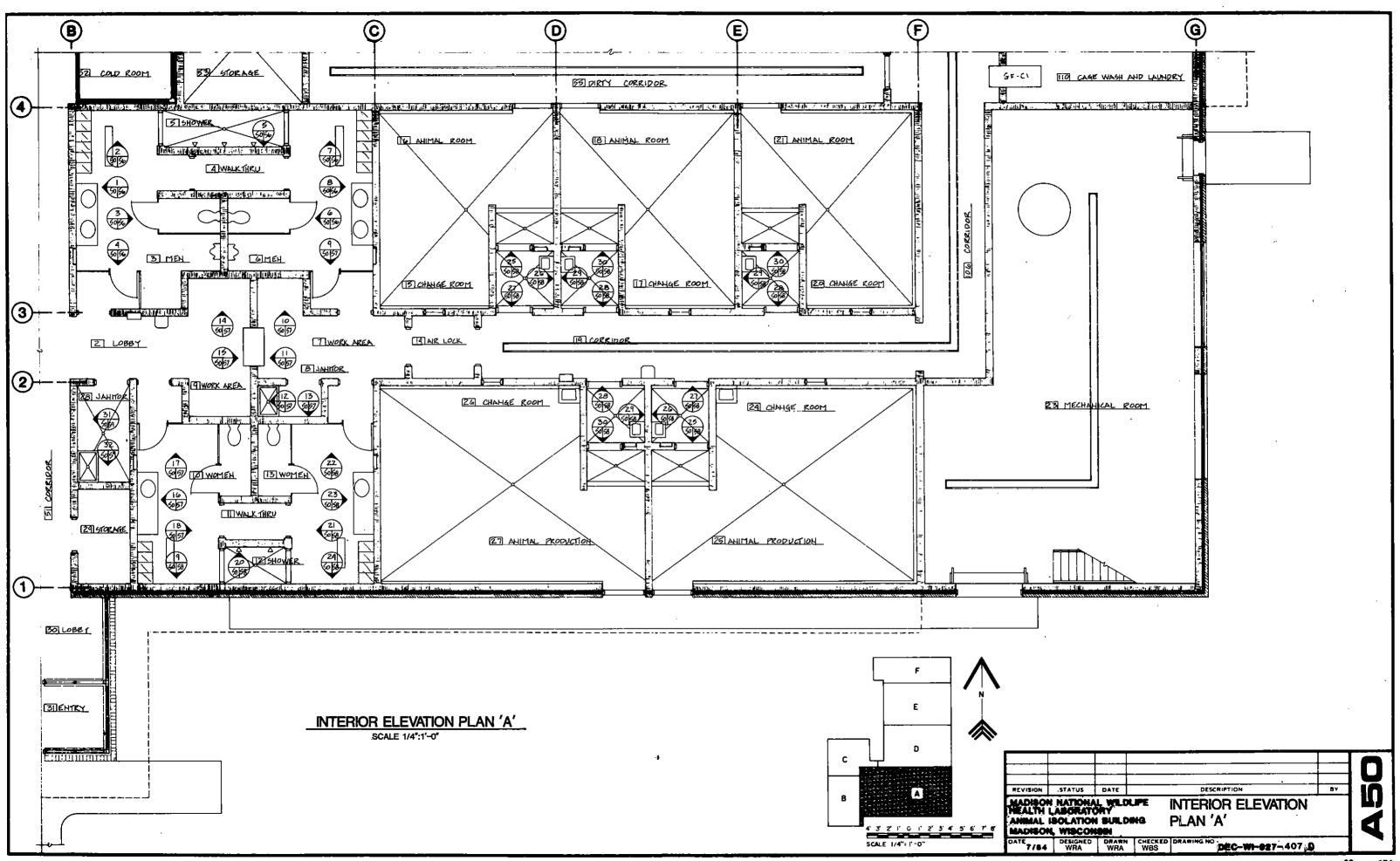


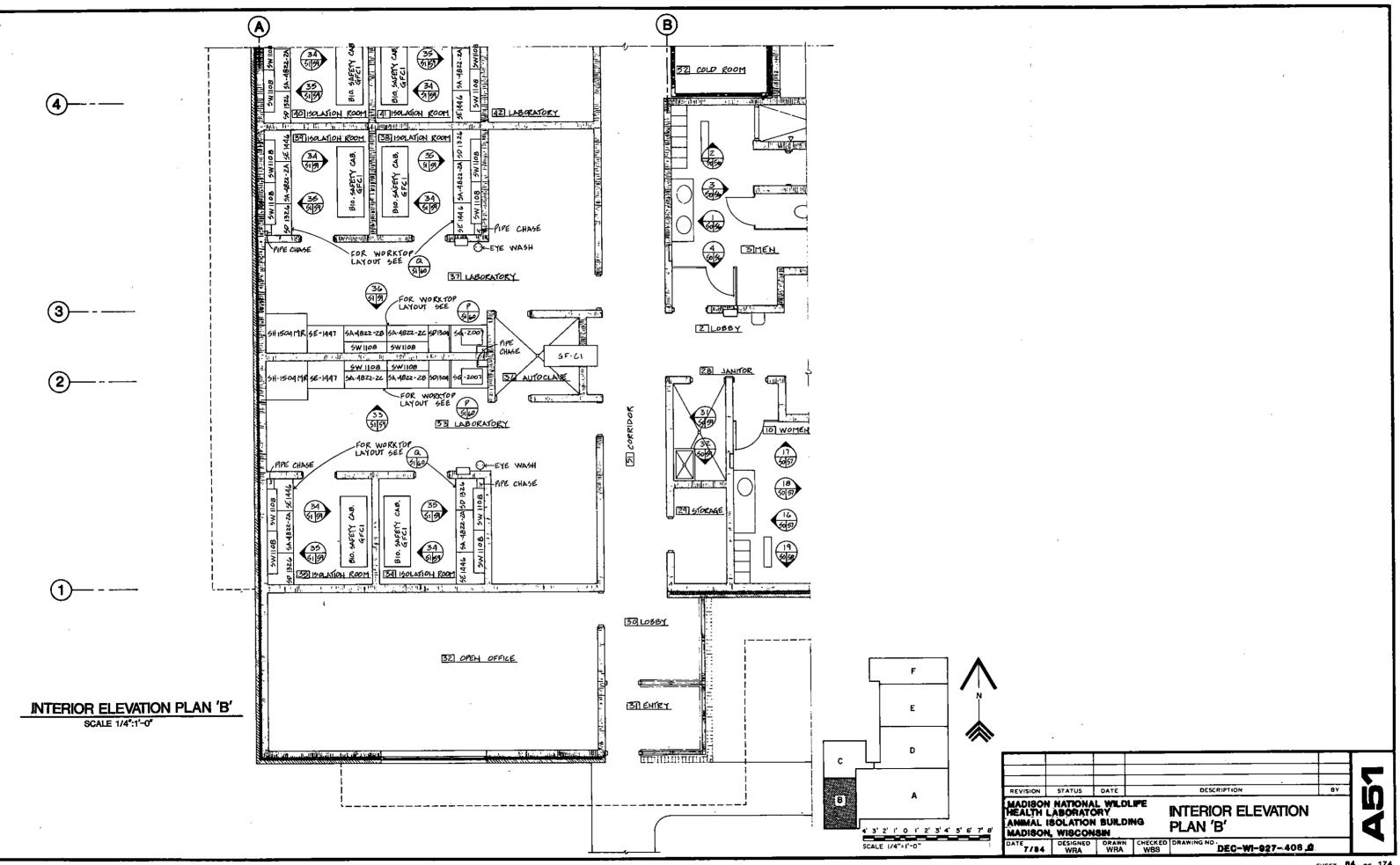


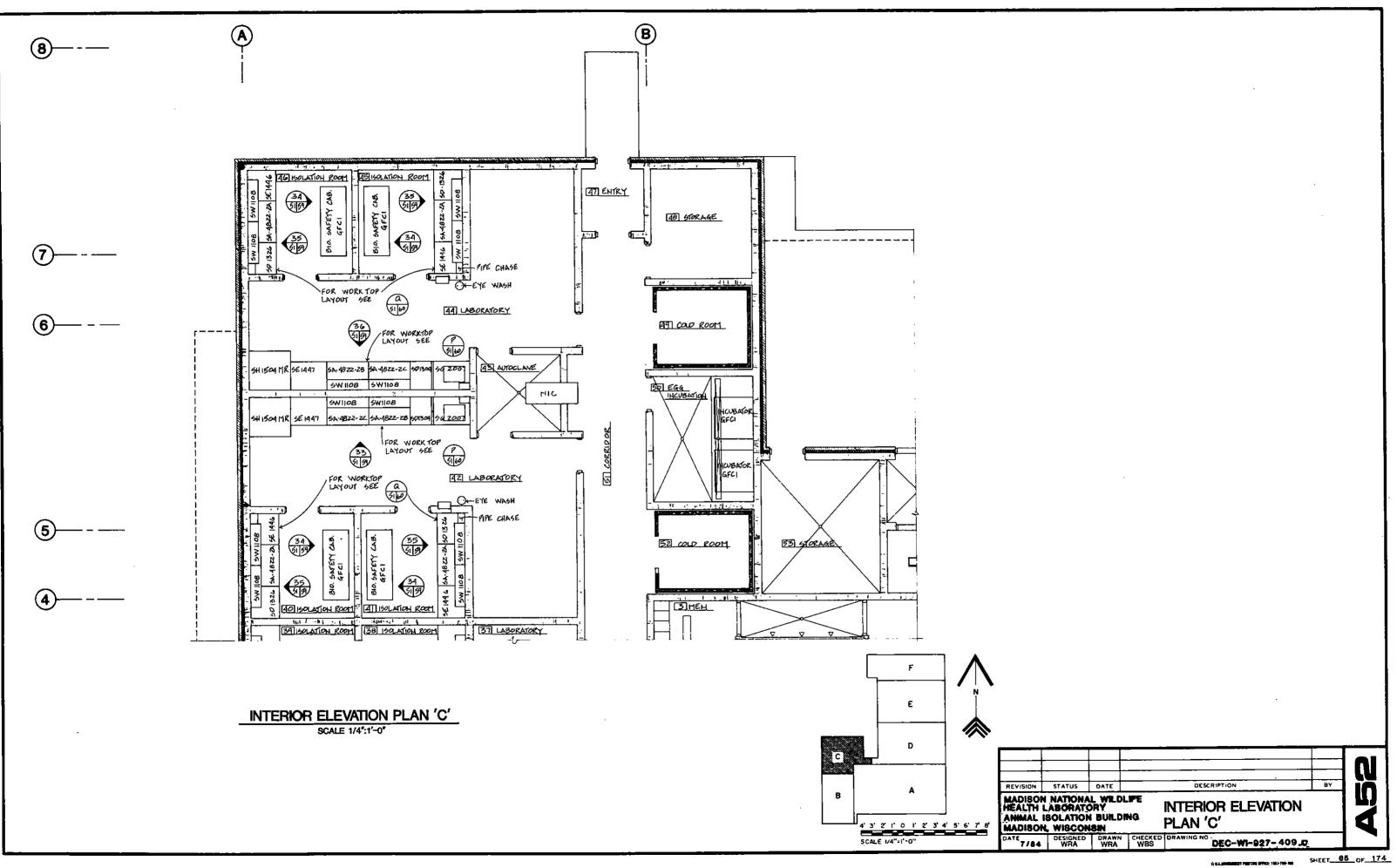


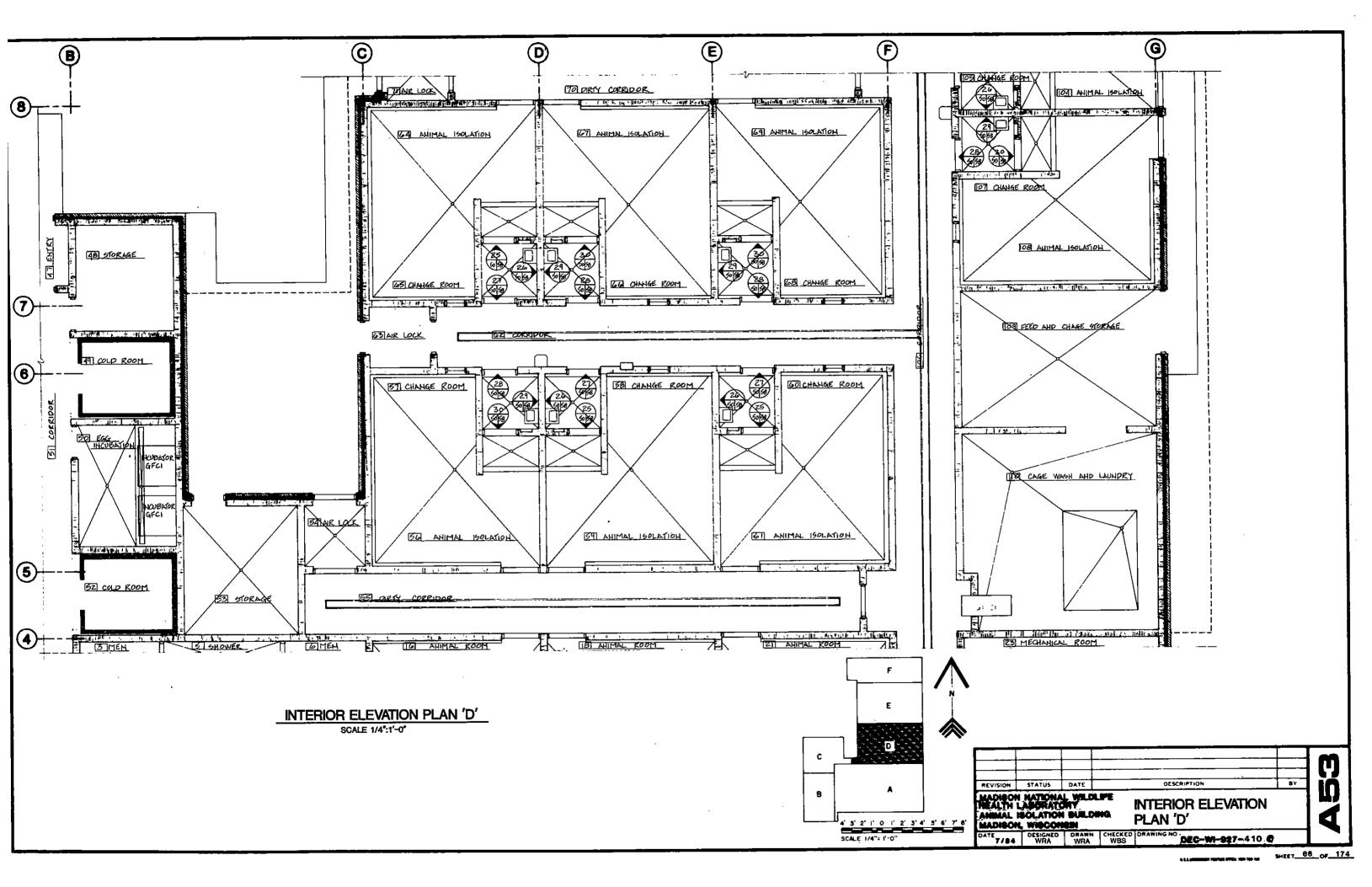


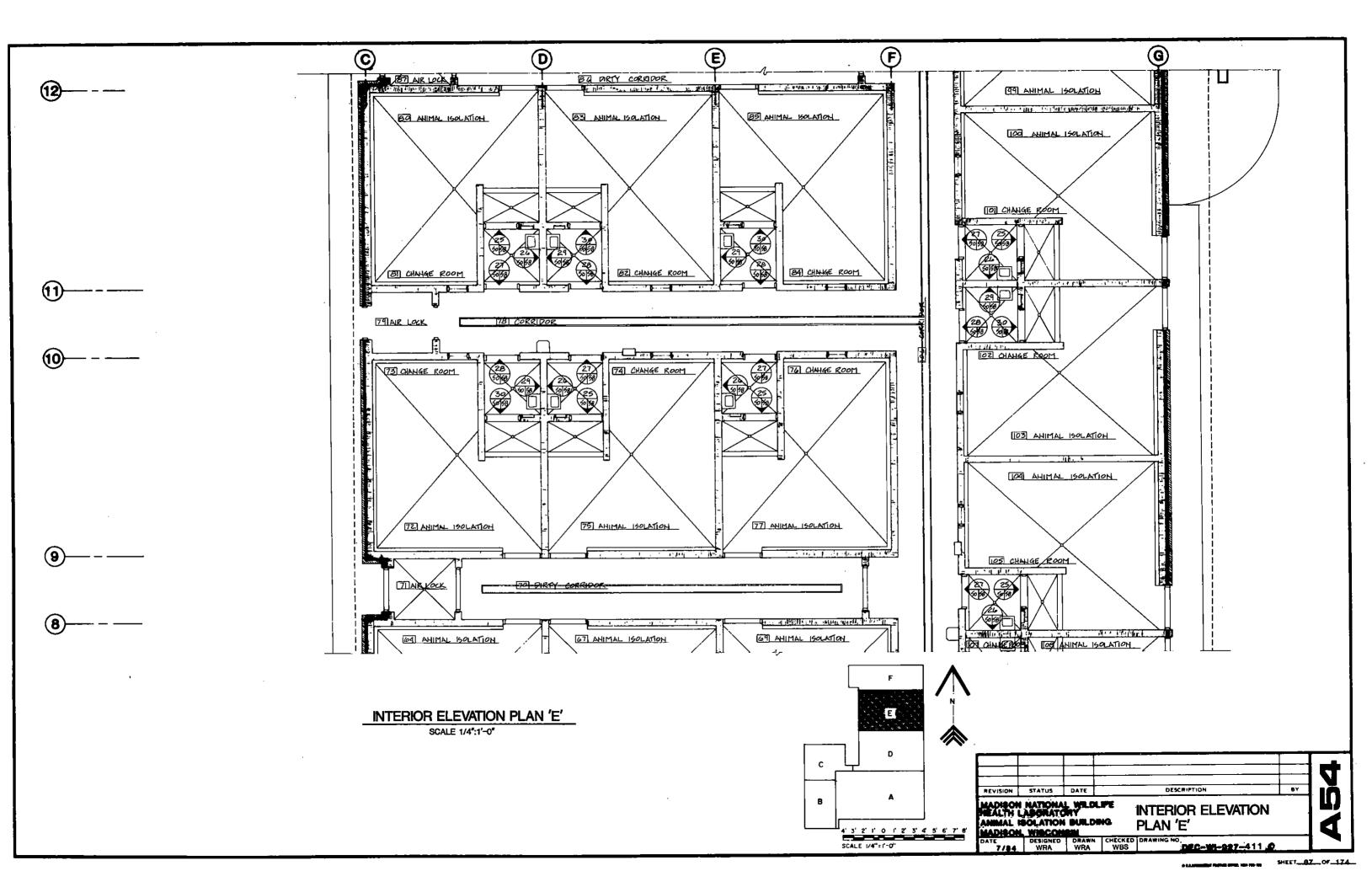


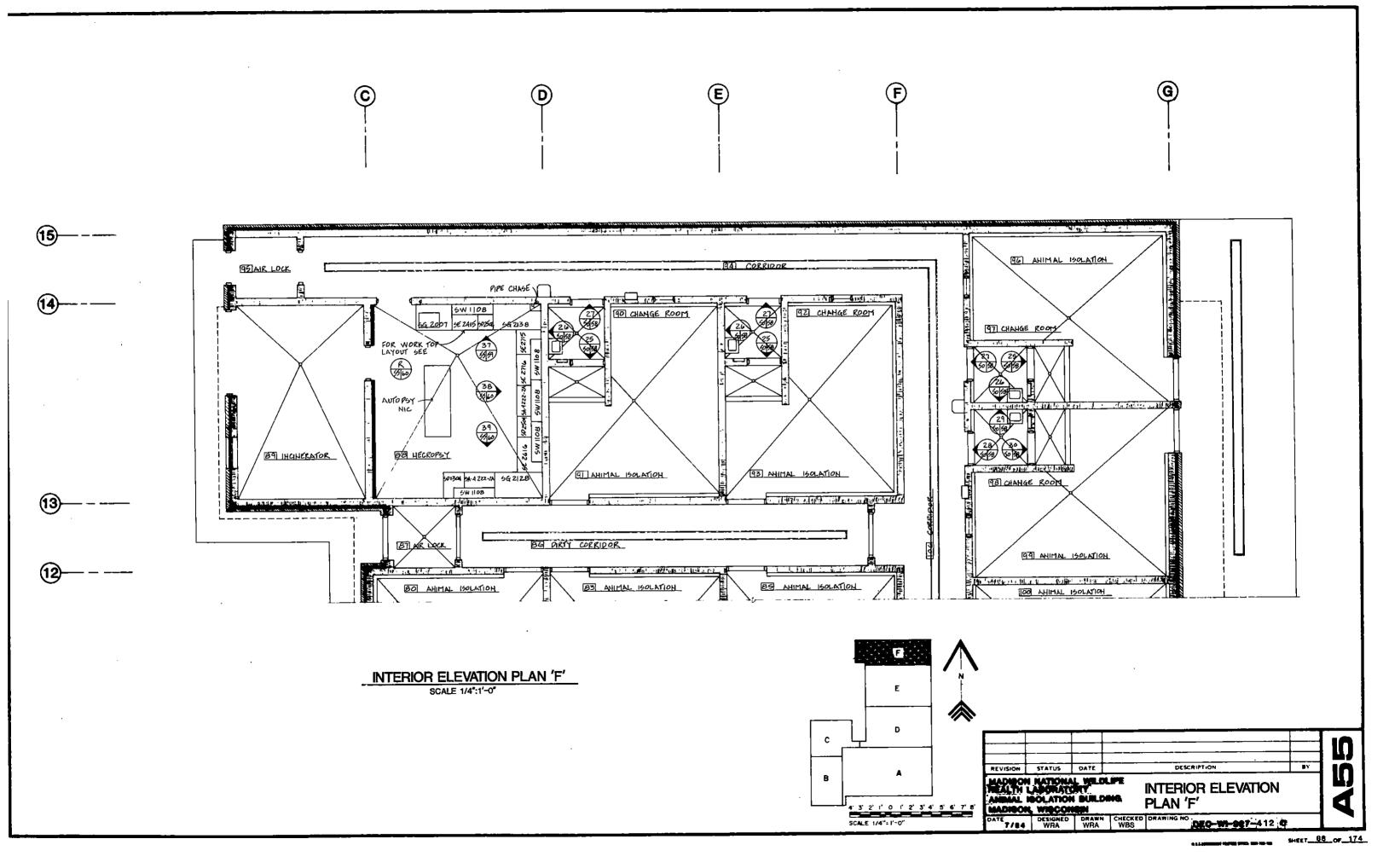


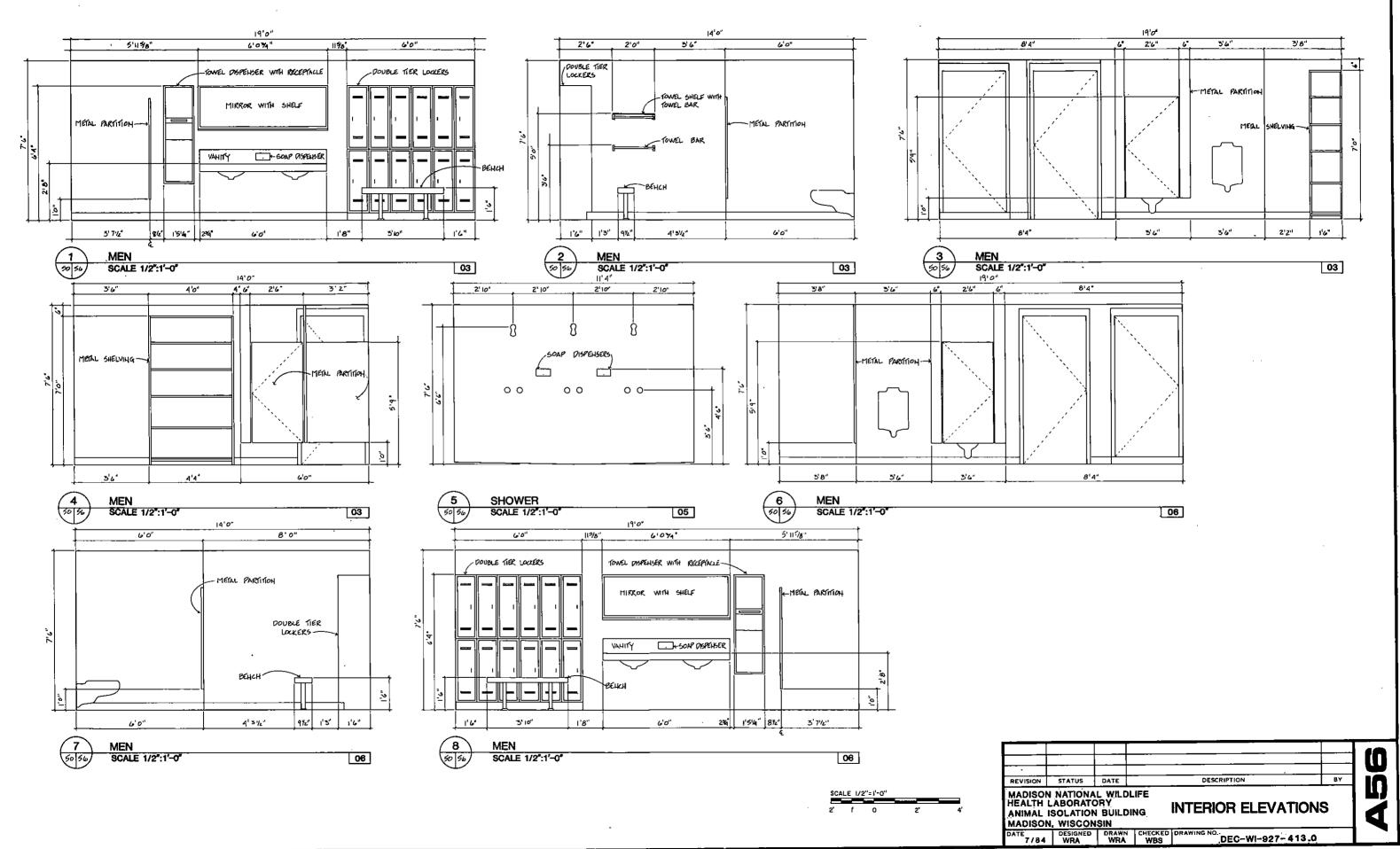


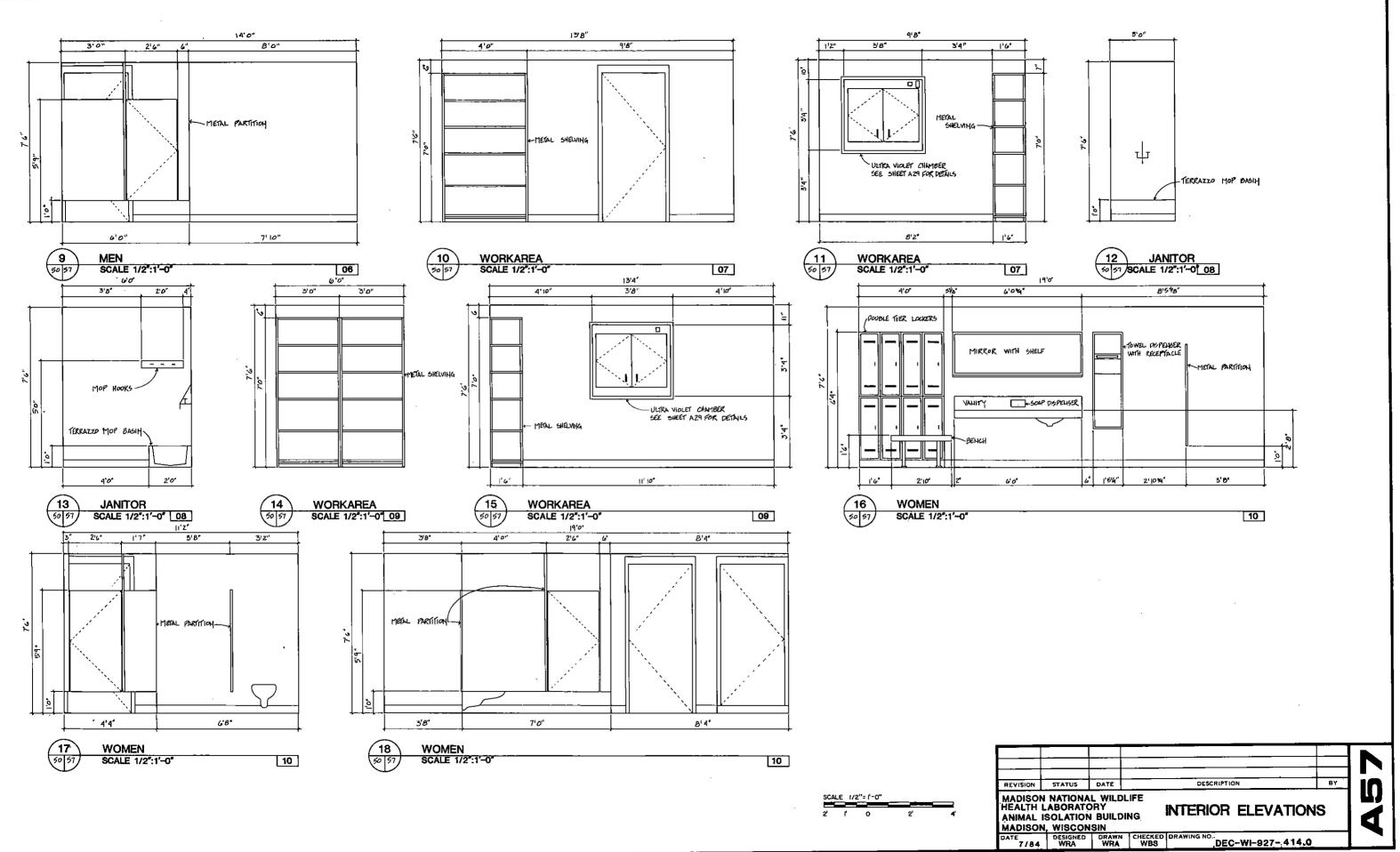


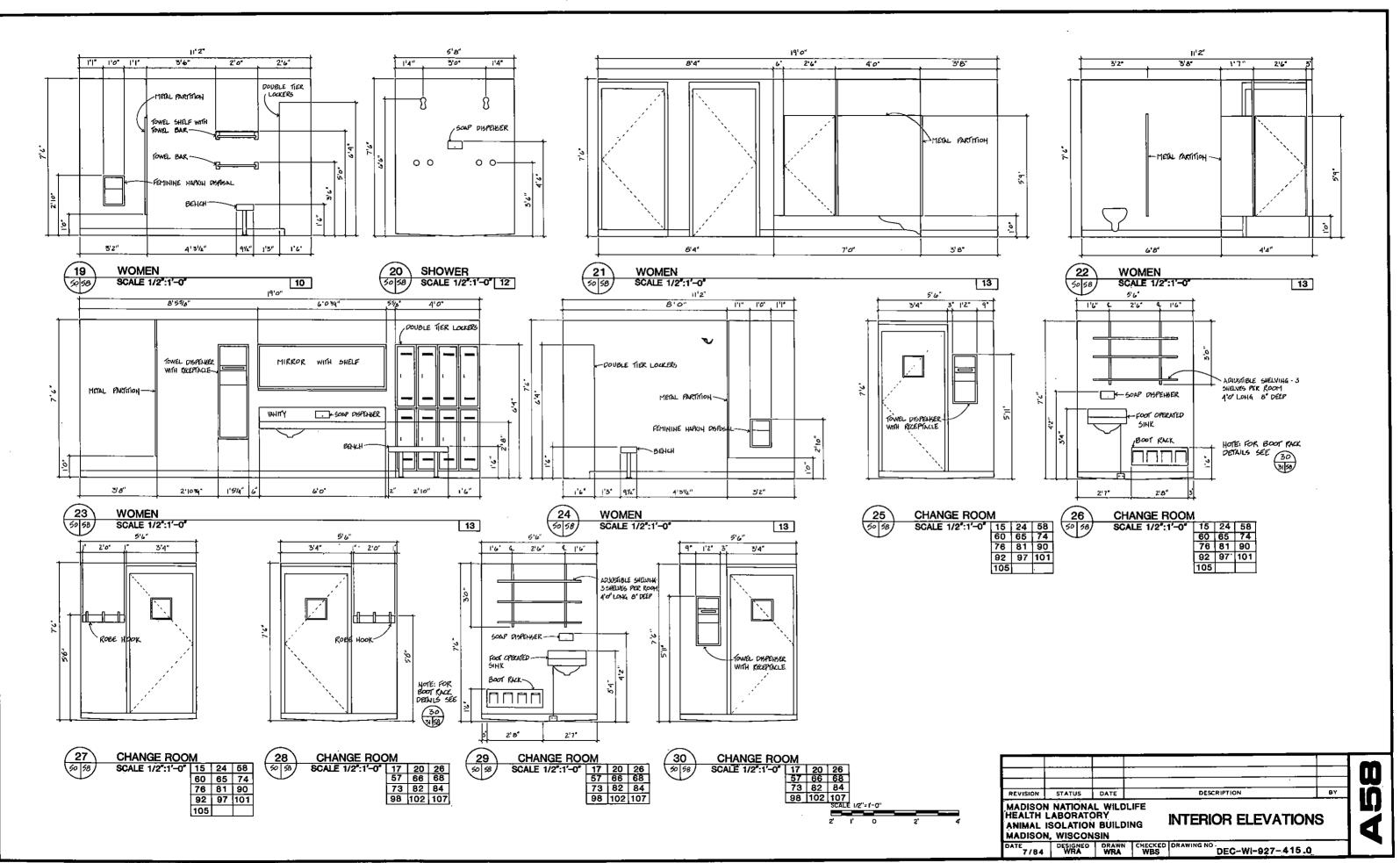


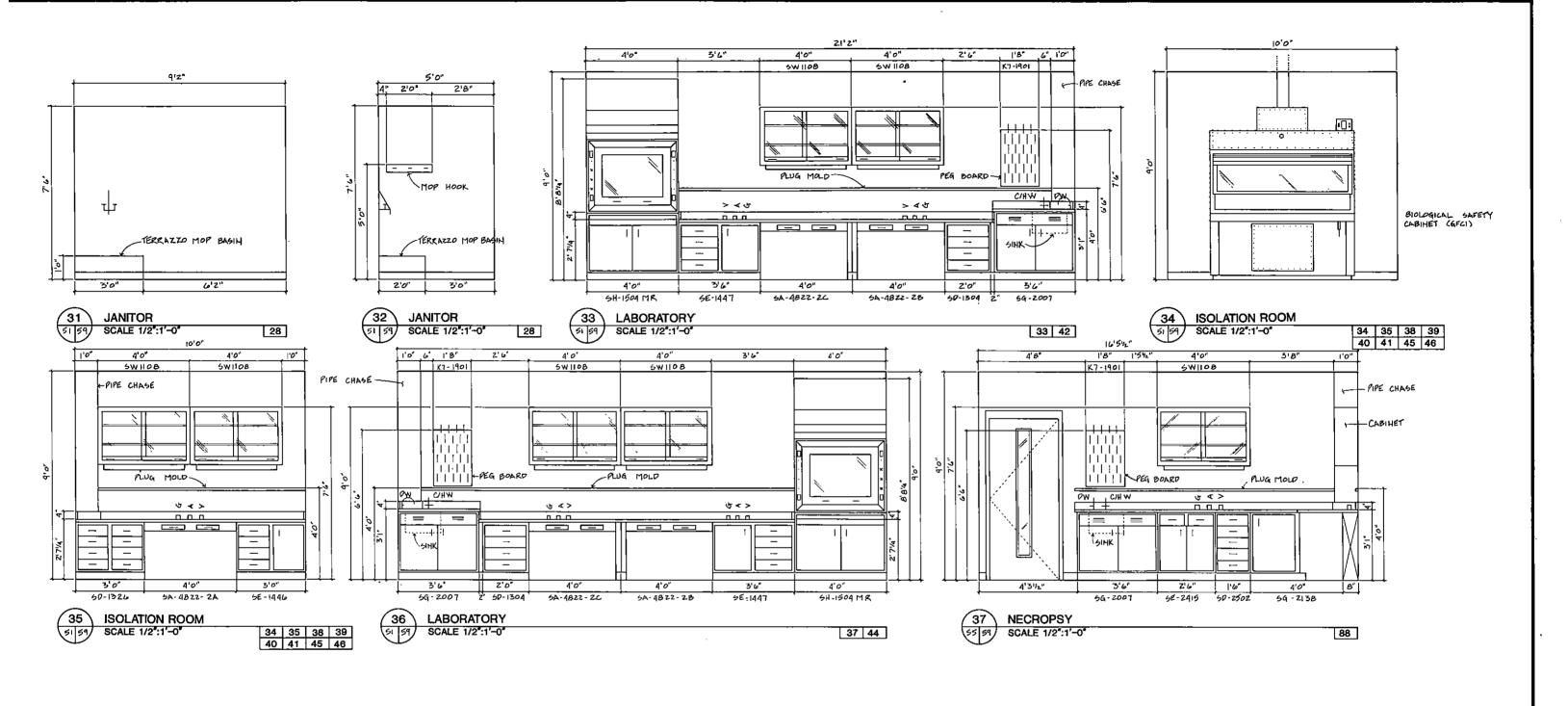


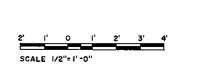




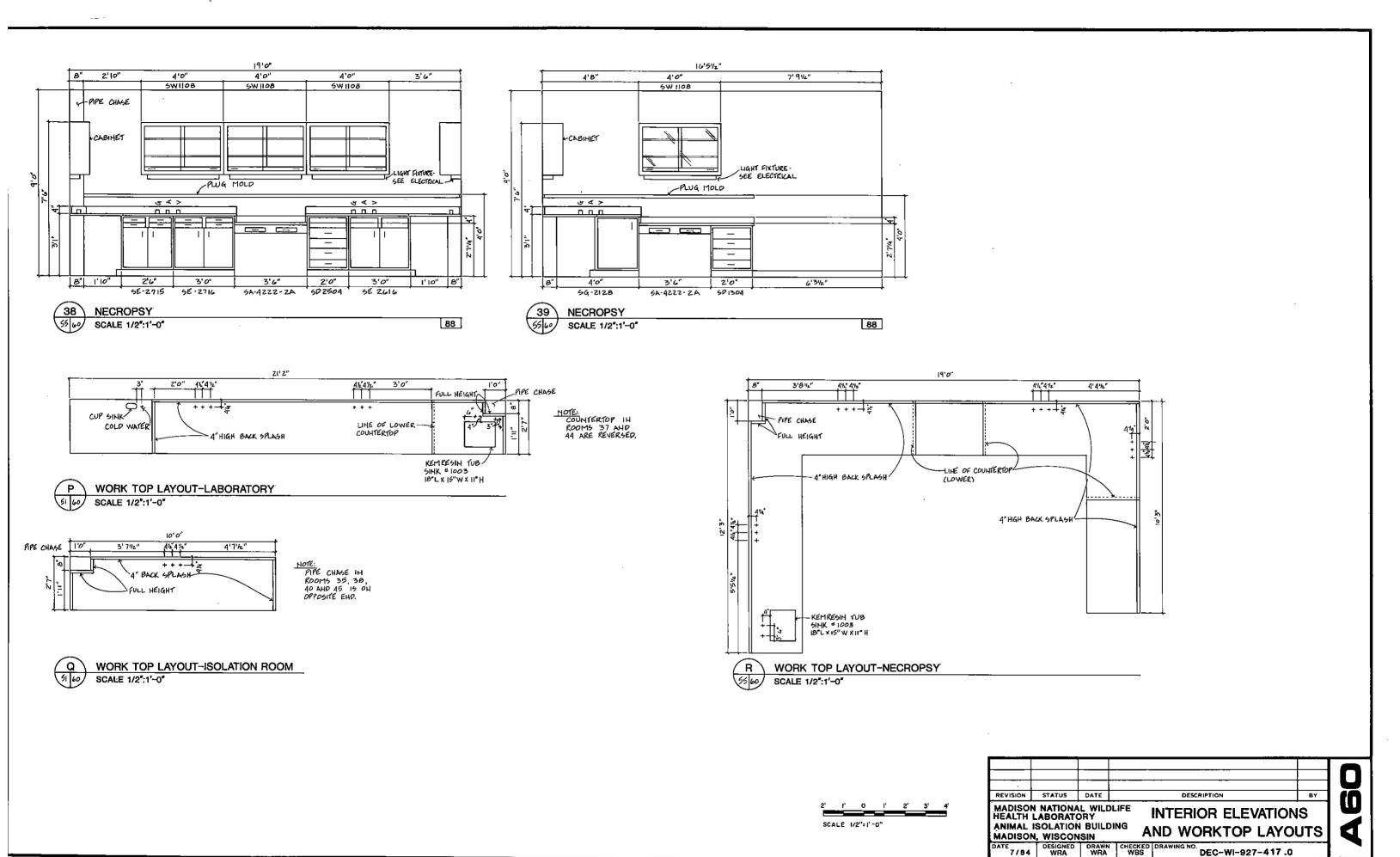








REVISION	STATUS	DATE		DESCRIPTION	ВҮ
MADISOI Heaith	NATIONA LABORAT	DRY'		INTERIOR ELEVATIO	NS
ANIMAL	ISOLATION		NG		
ANIMAL	ISOLATION N. WISCON DESIGNED		NG CHECKED	DRAWING NO.	



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поом		ELEVATION	MANUFACTURE	TYPICAL				FINIS			_					ICE				
NO.	ROOM NAME	NUMBER	NUMBER	SECTION	-	SE U	NIT		COLOR	COUNT	COLOR	⊣ ഗ	g	ပ္ခါန္	: ≥		ا او	ASTE	ACCESSORIES	REMARKS
33	LABORATORY	33-A-59	5H-1504-MR	В	METAL.		COVE	MAT.	- WLOR	KEMRESIH	BLACK	9	4	<u>> C</u>	ᆟᆖ		Ш :	<u> </u>	}	FOR WORKTOP LAYOUT SEE
33	CABORAIORI	35-7-71	5E-1447	Α .	METAL	-	COYE			KEMRESIH				5/			7		 	SHEET A-60
			5A-4822- 2C	Ä	METAL	- "				KEMRESIN		ーン	 	X	+	ж л	7	/	KNEE SPACE PAHEL KL-87A LEG ASSEMBLY SA-1229	58001 12 80
			5A-4822-2B	Â	METAL		$\overline{}$			KEMRESIN			K	5/	+		7	/	KHEE SPACE PAHEL KL-B7A LEG ASSEMBLY SA-1229	
			50-1304	Ä	METAL	 	COVE			KEM KESIH		13/	17	\times	//>	КЛ	- 1	/	FILLER STRIP KL-402-1 (CUTTO FIT)	
			5G - 2007	В	METAL		COVE			KEMRESIN		+	/ /	//	/ ,	8	- 1		KEMRESHH TUB SHK 1003 PEG BOARD 10901	
	•		5W-1108 (ZEA.)		PEIAC	- '-	W VE	METAL	2	NEI INESIG	DLACK	-	+	- "	 •	/ 	Ή	\mathcal{H}	SOFFIT KL-1248 (ZEA.)	-
			5W-1108 (ZEA.)				\leftarrow	110171	 -			-	//	X	+	+	\prec	X	EYE WASH W-927 (OPPOSITE WALL-SEE PLAN)	-
	. •	,															\perp		ETE MASH M. 151 (OLDS) IE MWT- SEE LTM.)	
34 -	ISOLATION ROOM	34·A-59	BIO. SAFETY CAB.				 		 	 		10		+	+	\forall	10	+		GFCI
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		35-A-59	50-1326	A	METAL	1	COVE			KEMRESIN	BLACK	\vdash	H	+	+	\forall	7	+	 -	FOR WORKTOP LAYOUT SEE
			6A-4822-2A	A	METAL	1				KEHRESIN	BLACK	3	4	5/		\square	7	イレ	KHEE SPACE PAHEL KL-87A	SHEET A-60
			5E-1446	A	METAL	1	COVE			KEMKESIH	BLACK		M.	イレ		1/1	7	ブ	1	
			5W-1108 (ZEA.)					METAL	2					1	1		1	1	SOFFIT KL-1248 (ZEA.)	
				+	\vdash		+-		 	 -		+	\vdash		+-	+ +		+	· · · · · · · · · · · · · · · · · · ·	
35	150 LATION ROOM	34-A-59	BIO. SAFETY CAB.	<u> </u>					·	†		10			+-	\Box	10	\top		GFCI
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		35-A-59	50-1326	A .	METAL	ı	COVE			KEMRESIN	BLACK	+	H.	\rightarrow	+	1	7	+		FOR WORK TOP LAYOUT 4
			45-2584-46	A	METAL	ī				KEMRESIN	BLACK	3	4	5/	1/	1/1	7	オ	KHEE SPACE PAHEL KL-87A	SHEET A-60
			SE-1446	Α	METAL	ı	COVE			KEMRESIH	BLACK	$\overline{}$	\square	7	77	17	7	フレ	_	
			5W-1108 (ZEA.)					METAL	2			\mathbb{Z}		4	4		4	4	SOFFIT KL-124B (Z EA.)	
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37	LABORATORY	36-A-59	5G - 2007	В	METAL	1	COYE			KEMRESIN	BLACK		H	7 1	, 6	8	7	9	KEMRESIN TUB SINK 1003 PEG BOARD 10901	FOR WORKTOP LAYOUT SEE
	_		50-1304	A	METAL		COVE			KEMRESIN	BLACK	$\overline{}$		$\overline{}$		1/1	7	$\overline{}$	FILLER STRIP KL-402-1 (CUTTOGIT)	SHEET A-60
	•		5A-4822-26	A	METAL	ī				KEMRESH	BLACK	3	4	5	7	17	7	abla	KHEE SPACE PANEL KL-BTA LEG ASSEMBLY SA-1229	·
			5A-4822-28	A	METAL	1			1	KEM RESIN	BLACK		\Box	$\overline{}$		17	7	7	KHEE SPACE PAHEL KL-87A LEG ASSEMBLY SA-1229	
			5E-1447	A	METAL	ı	COVE			KEMRESIN	BLACK	3	4	5	7/	7/	7	abla	<u> </u>	
			5H · 1504-MR	В	METAL	1	COYE			KEMRESIH	BLACK	- 11	12	13 14	1 /	77	15	16	1	
			5W-1108 (ZEA)					METAL	2				17.	$\overline{}$	7/	17	7	ス	SOFFIT KL-1248 (ZEA)	
												\mathbb{Z}	14	7	1	17	4	4	EYE WASH W-927 COPPOSITE WALL SEE PLAM)	
				-	┼─	ļ			+		+	+	1	+	-	+	\vdash	+		· ·
38	150LATION ROOM	34-A-59	BIO. SAFETY CAB.							***************************************		10					10	1		GFCI
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		35-A-59	50-1326	A	METAL	ı	COYE		1	KEMRESIH	BLACK					\forall				FOR WORKTOP LAYOUT SE
			44-4822-2A	A	METAL	ı				KEMRESIN	BLACK	3	4	5		17	7		KHEE SPACE PANEL KL-BTA	SHEET A-60
			5E-1446	Α	METAL	ı	COVE			KEMKESIH	BLACK						7			
			5W-1108 (2 EA.)					METAL	2	<u> </u>		72	17	4	7	17	4	4	SOFFIT KL 1248 (Z EN.)	
											<u> </u>			\perp	\perp					
39	ISOLATION ROOM	34-A-59	BIO. SAFETY CAB.							-	-	10	K	4	4	1	10	4		GFCI
		35-A-59	50-13Z6	A -	METAL		COVE		1	KEM RESH	BLACK		\forall	\forall	+	\forall	7	十	1	FOR WORK TOP LAYOUT 5
			6A-4822-2A	A	METAL	1		1		KEMRESIN	BLACK	3	4	5/		17	7	\angle	KHEE SPACE PAHEL KL-BTA	SHEET A-60
			5E-1446	A	METAL	1	COVE			KEMRESIN	BLACK		1/1.	1		17	7	1		
			5W-1108 (ZEA.)					METAL	2	1		$\neg \neg$	1/1	イ	イフ	17	1	オ	50FF1T KL-1248 (2 EA.)	i
	•				T	Ī			T	T		√ –	ſΪ	ľ	一	T	ΓÍ	Ť		<u> </u>

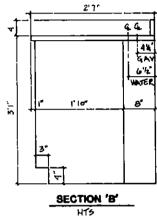
	SECTION 'A'	
yout see	G G G G G G G G G G G G G G G G G G G	
OUT SEE	SECTION 'B'	
_		

10. GAS AND ELECTRIC TO GFCI EQUIPMENT 13. FITTING W-280 11. GAS REMOTE CONTROL W-870-G 12. AIR REMOTE CONTROL W-870-A 13. VACUUM REMOTE CONTROL W-870-V 14. GOOSE NECK COLD WATER REMOTE CONTROL W-874-W 15. CONNECT ELECTRICAL SERVICES	NUMBERED NOTES									
11. GAS REMOTE CONTROL W-870-G 12. AIR REMOTE CONTROL W-870-A 13. VACUUM REMOTE CONTROL W-870-V 14. AIR REMOTE CONTROL W-870-V 15. AND COLD WATER MIXING SWING SPOUT SINK FAUCET W-333 14. GOOSE NECK COLD WATER REMOTE CONTROL W-874-W 15. CONNECT ELECTRICAL SERVICES	I. SAND TAN ≠ 20 AND SAILFISH BLUE ≠29	9. STAINLESS STEEL CRUMB CUP STRAINER 995								
FITTING W-280 12. AIR REMOTE CONTROL W-870-A CUUM FITTING W-280 13. VACUUM REMOTE CONTROL W-870-V 14. GOOSE NECK COLD WATER REMOTE CONTROL W-874-W UG MOLD 15. CONNECT ELECTRICAL SERVICES	2. SAILFISH BLUE #29	10. GAS AND ELECTRIC TO GFCI EQUIPMENT								
CUUM FITTING W-280 13. VACUUM REMOTE CONTROL W-870-V 14. GOOSE NECK COLD WATER REMOTE CONTROL W-874-W 15. CONNECT ELECTRICAL SERVICES	3. GAS FITTING W-280	11. GAS REMOTE CONTROL W-870-G								
OT AND COLD WATER MIXING SWING SPOUT SINK FAUCET W-333 14. GOOSE NECK COLD WATER REMOTE CONTROL W-874-W UG MOLD 15. CONNECT ELECTRICAL SERVICES	4. AIR FITTING W-260	12. AIR REMOTE CONTROL W-870-A								
UG MOLD 15. CONNECT ELECTRICAL SERVICES	5. VACUUM FITTING W-280	13. VACUUM REMOTE CONTROL W-870-V								
	8. HOT AND COLD WATER MIXING SWING SPOUT SINK FAUCET W-333	14. GOOSE NECK COLD WATER REMOTE CONTROL W-874-W								
	7. PLUG MOLD	15. CONNECT ELECTRICAL SERVICES								
.UMINUM DISTILLED WATER GOOSE NECK FAUCET W-369 16, CUP SINK 492	B. ALUMINUM DISTILLED WATER GOOSE NECK FAUCET W-369	18. CUP SINK 492								

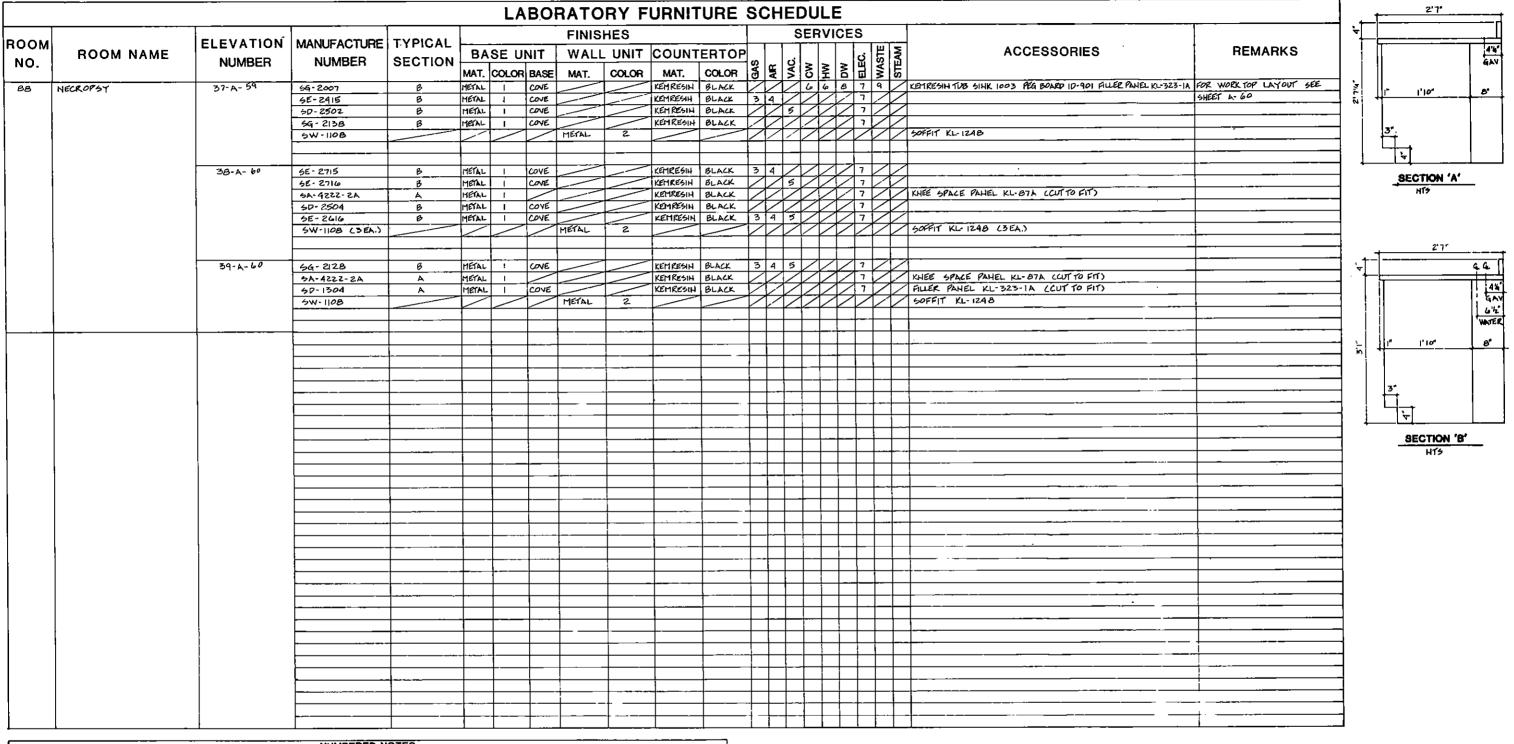
REVISION	STATUS	DATE		DESCRIPTION	87
ANIMAL	I NATIONA LABORATO ISOLATION L WISCON	BUILDI		ABORATORY FURNIT	TURE
DATE 7/84	DESIGNED WRA	DRAWN WRA	CHECKED WBS	DEC-WI-927-418	•

						LA	BOI	RATO	RYF	URNIT	ΓURE	SC	HE	DL	JLE	Ξ				
ROOM		FLEVATION	MANUFACTURE	TVĖIČAI				FINIS	HES					SEF					_	
NO.	ROOM NAME	NUMBER		SECTION		SE U	. 1	WAL		t	COLOR	ر پو	ي ا ڀ	ح ا نِ		_	7. J. E.	F	ACCESSORIES	REMARKS
					MAT.	COLOR	BASE	MAT.	COLOR	MAT.	COLOR	8	\$ \$	5	闰	<u>ā</u> i	<u>d</u> 3	5		4FCI
40	150LATION ROOM	34-A-59	BIO. SAFETY CAB.		 							10/	+		H	+		+		414
						<u> </u>												Ţ		COO WORKER LANGUE (CC
		35-A-59	50-1326	Α	METAL	-	COVE			KEMRESIH	BLACK	K.	44	X	K	4		\times	KHEE SPACE PANEL KI- 87-A	FOR WORKTOP LAYOUT SEE
			5A - 4B22 - 2A	A	METAL	<u> </u>	100			KEMRESIN	BLACK	17	4 2	//	H		: K	+	CHOS SPACE PANEL KL-BI-A	SHOOT B. BD
	1		5E-1446 5W-1108 (ZEA.)	A	METAL		COVE	METAL	2	KEMKESIN	BLACK	+/+	X	+	H		+	+	SOFFIT KL-1248 (ZEA)	 -
			SW-1100 CCCA.					TIGHTE									Í	1		
41	160LATION ROOM	34 · A - 59	BIO. SAFETY CAB.		\vdash					 	 	10	+	+	\forall	\rightarrow	0/	+	- -	GFC1
41	190CATION ROOT	94-8-91	DIO. SAFETT CAD.									ľľ		Ľ.				Í		
		35-A-59	50-1326	A	MÉTAL	 , 	COVE		 	KEMRESIN	BLACK	H	+	+	\forall	\forall	1 /	+	· — · — · — · — ·	FOR WORK TOP LAYOUT SEE
			5A-4822-2A		METAL	 				KEMRESIN	BLACK	13/	4 5	;	M		7 /	1	KHEE SPACE PAHEL KL-87-A	SHEET A-60
			5E-1446	A	METAL	1 .	COYE			KEMRESIH				1					<u> </u>	
	l		5W-1108 (ZEA.)					METAL	2										SOFFIT KL-1248 (ZEA.)	
														1	ĻĴ	آليـــاإ	_ _	\perp	<u> </u>	Line was de la la la la la la la la la la la la la
42	LABORATORY	33-A-59	5H-1504-MR	В	METAL		CONE			KEMKESIN				3 14					<u> </u>	FOR WORKTOP LAYOUT SEE
			5E-1447	A	METAL		COVE			KEMRESIN	BLACK	3	4 5	i //		_	<u> </u>			SHEET A- 60
			5A-4822-ZC	Α	METAL					KEMRESIH		\angle	4	42]/_]		7/		KNEE SPACE PAHEL KL-BTA LEG ASSEMBLY SA-1229	
			5A-4822-2B	A	METAL					KEMRESIN	<u> </u>	3	4 5	5 //			7/		KHEE SPACE PAHEL KL-87A LEG ASSEMBLY SA-1229	
			50-1304	A	METAL		COVE			KEMRESH			4	4/					FILLER STRIP KL-402-1 (CUTTO FIT)	
	1		5G-2007	. 8	METAL		COVE			KEMRESIH	BLACK	\mathcal{L}	4						KEMRESHH TUB SINK 1003 PEG BOARD 10-901	
			5W-1108 (ZEA.)					METAL	2			A	4	44					1 50FFIT KL-1248 (ZEA.)	
					+							+	4	4	H	H	4	4	EYE WASH W-927 (OPPOSITE WALL- SEE PLAN)	
		_								16.26		\Box	\downarrow	٦.					WENGELD GIG CHILL DON'T GET TO TO TO TO	FOR WORKTOP LAYOUT SEE
44	LABORATORY	36-A-59	6G · 2007	В	METAL		COVE			KEMRESIH		+/+	\prec	6		_	_		KEMRESHN TUB SINK 1003 PEG BOARD ID.901 FILLER STRIP KL-402-1 CCUT TO FIT)	SHEET A-60
			60-1304	A	METAL		COVE				BLACK	 	<u> </u>		H	K	7/		KHEE SPALE PAHEL KL-87A LEG ASSEMBLY SA-1229	SHOOT K-60
			6A-4BZZ-2C	4	METAL	1					BLACK	12	4 5	+	H	K	<u> </u>	X	LINEE SPACE PANEL KL-87A LEG ASSEMBLY SA-1229	-
			5A-4822-28	<u> </u>	METAL	+	2000			Kemrenh		/ ニナ	4	<u> </u>	+	M	7/	\times	THE SPACE PANEL KL-DTA LEG ASSETTINE SATILLY	· · · · · · · · · · · · · · · · · · ·
			5E-1447	A	METAL		COVE	_			BLACK			3 14	K,		<u>~</u>	<u>. K</u>		
			5H-1604-MR	8	MEIAL	 	LOVE	METAL	2	KEIIKESIN	PLACE	1"/	''	7 7					50FF1T KL-1248 (ZEA.)	
	1		5W.1108 (ZEA.)		+			TIETAL	 	<u> </u>		+	\prec	+	⊀→	K	+		EYE WASH W-927 COPPOSITE WALL-SEE PLAN)	
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	HOLAGON CODE	34·A-59	BIO. SAFETY CAB.				 		 		 	-		+	\vdash	H	10	1		GFCI
45	ISOLATION ROOM	94.8-31	DID. SAFETT CAD.				_										-			
		35-A-59	50-1326	Α	METAL		COVE	<u> </u>	 _	KEMPEAIN	BLACK	+	+		\forall	\forall	7 .	+		FOR WORKTOP LAYOUT SEE
	1	22: 14: 73	5A-48ZZ-2A	<u> </u>	HETAL		1000		 		BLACK	121							KHEE SPACE PAHEL KL-87A	SHEET A-60
			5E-1446	- 	1		COVE				BLACK		7	\mathcal{X}	+	H	7/	//	141-2 3/142 14122 14 311	
			5W-1108 (ZEA.)		1,5,40	+		METAL	2	1,0(0.1)		1/	1	1/	1	1/1	\mathcal{A}	7	SOFFIT KL-1248 (ZEA.)	
			311 1100 COLAT											ľ	Ĺ			Í		
	ISOLATION ROOM	34-A-59	BIO. SAFETY CAB.		+-	+	+		 _	 	+	10	\perp	+	+	\forall	10	ار	 	GFCI
46	130CATION KOOL	54-A-93	DIO SAFOIT CAD.									1			r			T		
		35-A-59	50-1326	Α.	METAL	 	COVE			кен кемн	BLACK	+		$\overline{}$	+		7	+		FOR WORK TOP LAYOUT SEE
		ادبمنوو	5A-4B22-2A	A .	METAL		-		 		BLACK								KNEE SPACE PAHEL KL-87A	SHEET A-60
			5E-1446	<u>A</u>	METAL		COVE				BLACK	+	7	+	1	1/1	7/	/		
					1. 10.101	-, '	100													

4	2'7'	
4	<u> </u>	
		44°
2' T'4"	1" 1'10"	8"
	3".	
+	SECTION 'A'	_



NUMBE	ERED NOTES
, SAND TAN ≠ 20 AND SAILFISH BLUE ≠29	9. STAINLESS STEEL CRUMB CUP STRAINER 995
2. SAILFISH BLUE +29	10. GAS AND ELECTRIC TO GFCI EQUIPMENT
3. GAS FITTING W-280	11. GAS REMOTE CONTROL W-870-G
4. AIR FITTING W-280	12. AIR REMOTE CONTROL W-870-A
5. VACUUM FITTING W-280	13. VACUUM REMOTE CONTROL W-870-V
6. HOT AND COLD WATER MIXING SWING SPOUT SINK FAUCET W-333	14. GOOSE NECK COLD WATER REMOTE CONTROL W-874-W
7. PLUG MOLD	15. CONNECT ELECTRICAL SERVICES
8. ALUMINUM DISTILLED WATER GOOSE NECK FAUCET W-369	16. CUP SINK 492
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NUMBE	ERED NOTES
1. SAND TAN ≠ 20 AND SAILFISH BLUE ≠29	9. STAINLESS STEEL CRUMB CUP STRAINER 995
2. SAILFISH BLUE ≠29	10. GAS AND ELECTRIC TO GFCI EQUIPMENT
3. GAS FITTING W-280	11. GAS REMOTE CONTROL W-870-G
4. AIR FITTING W-260	12. AIR REMOTE CONTROL W-870-A
5. VACUUM FITTING W-260	13. VACUUM REMOTE CONTROL W-870-V
8. HOT AND COLD WATER MIXING SWING SPOUT SINK FAUCET W-333	14. GOOSE NECK COLD WATER REMOTE CONTROL W-874-W
7. PLUG MOLD	15. CONNECT ELECTRICAL SERVICES
8. ALUMINUM DISTILLED WATER GOOSE NECK FAUCET W-389	16. CUP SINK 492
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REVISION	STATUS	DATE		DESCRIPTION	BY	
ANIMAL I	NATIONA LABORATO SOLATION L WISCON	RY BUILDII	NG S	ABORATORY FUR CHEDULE	NITURE	7
7/84	DESIGNED WRA	DRAWN	CHECKED WBS	DEC-WI-927-4	20.6	

								COLC	R SCH	IEDULE				_						-
ROOM		FLO	OR	BA	SE				WAL	LS				CEN	JNG		ACCE	SSORI	ES	, <u>-</u>
	ROOM NAME					NOF	TH	EA	ST	SOL	ЛН	WE	ST				•			NOTES
NO.	,	MFG.	COLOR	MFQ.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	F&D	LC	CT	MW	
1																	<u> </u>			HOT USED
2	LOBBY	armstrong	MONTINA 86700	ARMSTRANG 4" HIGH	M0H11HA 86700	PRATE & LAMBERT	RENCH VANILLA 3002	PRATI I LAMBERT	FRENCH VANILLA 3002	Pratt & Lambert	FRENCH VANILLA 3002			PRATT'S LAMBERT	IVORY MIST 5500	RATTLAHER CHAMOIS 5522				
3	MEH .	ARM STRONG	MONTINA 86700	armetrong 4° high	MOHTINA 86700	PRATT'S LAMBERT	FRENCH VANILLA 3002	Prati \$ Lambert	FRENCH VANILLA 3002	PRATT & LAMBERT	FRENCH VAHILLA 3002	PRATT'S LAMBERT	FRENCH VANILLA 3002	PRATILIANDERT	IVORY MIST 5500	(Rathanbee Chamois 5522.		Wilson Art Soud Antique Wante 1572-U		
4	WALK THRU	ARMSTRONG	MOHTIHA 86700	ARMETRONG 4" High	MONTIHA 86700	PRATT LAMBERT	FRENCH VANILLA 3002	PRATE'S LAMBERT	FRENCH VAHILLA 3002	PRATI PLAMBERT	FRENCH VANILLA 3002	PRAIT \$LAMBERT	FREHCH VAHLULA 3002	PRATT'S LAMBERT	IVORY MIST 5500	CHAMOIS 5522				
5	SHOWER	DALLAG CERAMK COMPANY	KD-25 2×2 TILE	PALLAS CERAMIC COMPANY	KD-25 2X2 TILE	Pallas Ceranic Company	KD-25 2XZ TILE	PALLAG CERAMIC COMPANY	KD-25 2X2 TILE	PALLAS CERAMIC COMPAHY	KD- 25 2XZ TILE	PALLAG CERAMIC COMPANY	KD-25 2XZ TILE	PRATY'S LAMBERT	IYARY HIST 55.00	PRAY I LAMBER CHAMORS 5522				
6	WEH	armetrohg	MOHTIHA 86700	ARMETRONG 4' HIGH	MONTINA 86700	PRATT ! LAMBERT	FRENCH VANILLA 3002	PRATTILAMBERT	FREHUN VANILLA 3002	PRATTILAMBERT	FREHCH VANILLA 3002	prati i lambert	FREHCH VAHILLA 3002	PRATTY LAMBERT	IVORY MIST 5500	CHAMOIS 552Z		Wilson Art Soud Antique White 1572-6		
7	WORK AREA	ARMSTROLIG	МОИПНА 86700	ARMSTRONG 4" HIGH	MONTINA 86 700	PRATTLAMBERT	FRENCH VAHILLA 3002	PRATILAMBERY	FREHCH VAHILLA 3002	PRATY & LAMBERT	FREIZH YAHILLA 3002	PRATT'S LAMBERT	FREHCH VAHILLA 3002	PRAIT LAMBERT	IVORY MIST	PRATTILAMENE CHAMOIS SSZZ				
В	Jahitor	ARMYTROHG	MONTINA 86700	ARMSTROALG 4" HIGH	Мочтіна 86700	PRATY' LAMBERT	FREHZH VAHILLA 3002	PRATT & LAMBERT	FRENCH VANILLA 3002	PRATT'S LAMBERT	FRENCH VAHILLA 3002	PRAFI' \ LAMBERT	FRENCH VAHILLA 3002.	PRATTY LAMBERT	IVORY MIST	PRATT LAMBOR CHAMOIS 5522				
4	WORK AREA	ARMENRONG	MOHTIHA B6700	ARMSTRONG 4" HIGH	MOHTIHA 86700	PRATE & LAMBERT	FREILH VAHILLA	Pratt ? Lambert	FRENCH YAHILLA 3002	PRATY & LAMBERT	FRENCH VANILLA 3002	PRATTI LAMBERT	FREHUH VANILLA 3002.	PRATT'S LAMBERT	IVORY MIST 5500	MATTILAMORE CHAMOIS 5522				
10	WOMEH	ARMSTROHG	MONTIHA BG700	ARMYTROHG 4" HIGH	MOHTINA 86700	PRATE & LAMBERT	FRENCH YAHILLA 3002	PRATT I LAMBERT	FREHCH VAHILLA 3002	PRATT \$ LAMBERT	FRENCH VANILLA 3002	PRATT & LAMBERT	FREHCH VAHILLA 3002	PRATTSLAMBERT	IVORY MIST	PRATCILAMARE CHAMOS 55.22		WILSOH ART 5210 AUTIANE WHITE 1572-6		
IJ	WALK THRU	ARMSTRONG	MONTINA 86700	ARMSTRONG 4" HIGH	MOHTIHA 86700	PRAIT YLAMBERT	FREHCH VANILLA 3002	MATT'S LAMBERT	FREHCH VANILLA 3002	PRATT & LAMBERT	FRENCH VANILLA 3002	PRATE & LAMBERT	FRENCH VAHILLA 3002	PRATTILAMBERT	IVORY MIST 5500	PRATTILAMBER CHAMOIS 5522				
2	SHOWER	OALLAS CERAMIL COMPANY	KD-25 2X2 TILE	PALLAS CERAMIC COMPAHY	KO-25 2X2 TILE	PALLAS CERAMIC COMPANY	KD-25 2x2 17LE	DALLAS CERAMIC COMPANY	KD-25 2×2 TILE	PALLAY OFFAMIC COMPANY	KD-2/5 2X2 TILE	PALLAS CERAMIC COMPANY	KD-25 2×2 TILE	PRATT & LAMBERT	IVORY MIST 5500	Pratitionness Chamon 5522				
13	MOMEH	ARMSTROH4	MONTINA 86700	ARMSTRONG	МОНТІНА 86700	PRATTS LAMBERT	FREHCH VAMILLA 3002	PRATT & LAMBERT	FREHCH VANILLA 3002	PRATT & LAMBERT	FRENCH VANILLA 3002	PRATT'S LAMBERT	FRENCH VANILLA 3002.	PRATTELAMBERT	IVORY MIST 5500	PROTILAMBEE CHAMOHS 5522		WILSON ART SOUP ANTIQUE WHITE 1872-6		
14	AIR LOCK	ARMSTRONG	MOHTIHA 86700	ARMSTRONG 4" HIGH	MONTIHA 86700	PRATT \ LAMBERT	FREHCH VANIULA 3002	PRATY & LAMBERT	FREHCH VANILLA 3002	PRATE & LAMBERT	FRENCH VANILLA 3002	PRATT & LAMBERT	FREIGH VANILLA 3002	PRATT & LAMBERT	IVORY HIST 5500	ratielange Chamois 5522				WINDOW FRAME-PRATT! LAMBERT CHAMOIS SEZZ
15	CHANGE ROOM	PRATT \$ LAMBERT	FLAGSTONE 2516	PRATI SLAMBERT 4" HIGH	FLAGSTONE 2516	PRATT \$ LAMBERT	FRENCH VAHILLA 3002	PRATT & LAMBERT	FREHCH VAHILLA 3002	PRATA LAMBERT	FRENCH VAHILLA 3002	PRATTYLAMBERT	SKENKH VAHILLA 3002	PRATT'S LAMBERT	IVORY MIST 5500	PRATILIANGER CHAMOIS 5522				
16	ANIMAL ROOM	PRATT & LAMBERT	FLAGSTOHE 2516	PRATT'S LAMBERT 4" HIGH	FLAGSTONE 2516	PRATT'S LAMBERT	MEEKSCHAVM 5520	PRATT & LAMBERT	MEERSCHAUM 5520	PRATT & LAMBERT	MEERSCHAUM 5520	PRATT'S LAMBERT	MEERSCHAUM 8520	PRATI & LAMBERT	MEERSCHAUM 5520	PRATILIAMBER CHAMOIS 5522				WILDOW FRAME-PRAMS LAMBERT CHAMOIS 5522
17	CHAHGE ROOM	PRATT À LAMBERT	FLAGSTONE 2516	PRATT & LAMBERT	FLAGSTONE 2516	PRATELLAMBERT	FRENCH VAHILLA 3002	PRATT > LAMBERT	KEHLH VAHILLA 3002	PRAST & LAMBERT	FREHCH VANILLA 3002	PRATT & LAMBERT	FREHCH YAHILLA 3002	Pract Lambert	IVORY MIST 5500	PRATISLAMBRES CHAMOIS SSZZ				
IB	AHIMAL ROOM	pratt's lambert	FLAGSTOHE 2516	PRATT FLAMBERT 4" HIGH	FLAGISTONE 2516	prati \$lambert	Meerschaum 1620	PRATT \$ LAMBERT	MEERSCHAUM 5520	PRATTYLAMBERT	MEERSCHAUM 6520	PRATT'S LAMBERT	MEERSCHAUM SSZO	PRATT'S LAMBERT	MEERSCHAUM 5520	Prascilumber Chamois 5522				WINDOW FRAME- PRAIT! LAMBERT CHAMOIS 5522
19	CORRIDOR	ARMSTRONG	MOHTIHA 86700	armstrohg 4° high	MOHTIHA 86700	PRATTYLAMBERT	FRENCH VAHILLA 3002	PRATT ? LAMBERT	FRENCH VALUE	PRATTYLAMBERT	FRENCH VAHILLA 3002	PRATT \$ LAMBERT	FRENCH VANILLE	PRATTYLAMBERT	IVORY MIST 5500	MATT LAMBS CHAMOIS SSZZ				WINDOW FRAMES-PRAMES LAMBERT CHAMOIS 5522
20	CHANGE ROOM	PRATT I LAMBERT	FLAGSTONE 2516	PRATTS LAMBERT 4" HIGH	FLAGSTOHE 2516	PRATTALAMBERT	FREHLH VAHILLA 3002	PRATT LAMBERT	FRENCH VAHILLA 3002	PRATT'S LAMBERT	PREHICH VINHILLA 3002	PRATY & LAMBERT	FREHZH VAHILLA 3002	PRATT & LAMBERT	IVORY MIST	PROTELLAMBES CHAMPOIS 5522				
21	AHIMAL ROOM	PRATESLAMBERT	FLAG STONE 2516	PRATT'S LAMBERT 4" HIGH	FLAGSTONE 2516	PRATT & LAMBERT	MERSCHAUM 5520	PRATT \$ LAMBERT	MEER SHAUM 5820	PRATI & LAMBERT	MEERSCHAUM 5520	PRATT \$ LAMBERT	MEERSCHAUM 8520	PRATT & LAMBERT	MEERSCHAUM 5520	CHAMOS SSZZ				Window Frame- Pract! Lambert Chamois 5522
22				1						1										HOT USED
23	MECHANICAL ROOM	COHCRETE		COHCRETE		EXPOSED BLOCK/ COHCRETE		EXPOSED BLOCK / COHCRETE		EXPOSED BLOCK/ COHCRETE		EXPOSED BLOCK) COHKRETE		COHCRETE		Prairy Lambe Chamois 5522		1/	1/	

NOTE:

ALL PAINT SHALL BE FLOROCK, ONE COAT PIGMENTED AQUA PRIME EPOXY AND TWO GOATS PIGMENTED FLOROBASE 80. PRATT & LAMBERT COLORS GIVEN ARE FOR COLOR MATCHING ONLY.

REVISION	STATUS	AL WILDLIFE	DESCRIPTION	
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ANIMAL ISOLATION BUILDING COLOR SCHEDULE
MADISON, WISCONSIN

DATE 7/84 DESIGNED DRAWN CHECKED DRAWING NO. DEC-WI-927-421 C

					,			COLO	R SCH	EDULE	<u> </u>									
ROOM		FLO	OR	BA	SE				WAL	LS				CEIL	<u>ING</u>	<u> </u>	ACCE:	SSORI	<u> </u>	
	ROOM NAME		 			NOF	λLH.	EA	ST TE	SOL	лн	WE				ļ,				NOTES
NO.		MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG	COLOR	MFG	COLOR	F&D	LC	СТ	MW	
24	CHANGE ROOM	PRATT \$ LAMBERT	FLA4510HE 2516	Prat Lambert 4" High	FLAGSTONE 2516	PRATT & LAMBERT	FREHCH VAHILLA 3002	Pratt \ Lambert	RENCH VANILLA 3002	Prati i Lambert	FRENCH VANILLA 3002	prati & lambert	FREHCH VAHILLA 3002	PRATT \$LAMBERT	IVORY MIST 5500	PRATILAMBET				WIHDOW FRAME- PRATI
25	ANIMAL PRODUCTION	PROTILAMBERT	FLAGSTOHE 2516	PRATI ELAMBERT 4" HIGH	FLAGSTONE 2516	PRATT \$ LAMBERT	MEERSCHAUM 5520	PRATT > LAMBERT	MEERSCHAUM 5520	PRATT ? LAMBERT	MEERSCHAVM 3520	PRATT & LAMBERT	MEERSCHAUM 5520	PRATT LAMBERT	MEERSCHAUM 5520	PLATT HLAMBERT CHAMOIS 5522				LAMBERT CHAMOIS
26	CHANGE ROOM	PRATT & LAMBERT	Flagstone 2516	PRATT & LAMBERT 4" HIGH	FLAGSTOHE 2516	PRAST ? LAMBERT	FRENCH VAHILLA 3002	Pratt & Lambert	FREHCH YAMILLA 3002	PRATT I LAMBERT	FRENCH VAHILLA 3002	PRATT I LAMBERT	FRENCH VANILLA 3002	PRATT & LAMBERT	IVORY MIST 5500	PRATTILAMENT CHAMON 5522 PRATTILAMENT				WHPOW FRAME- PRAT
27	AHMAL PRODUCTION	PRATT & LAMBERT	RAGSTONE 2516	PRATT FLAMBERT 4" HIGH	PLAGSTONE 2516	PRATT \$ LAMBERT	MEERSCHAUM 8820	PRATT & LAMBERT	MEERSCHAUM 5520	PRATI I LAMBERT	MEERSCHAUM 5520	RATI FLAMBERT	MEERSCHAUM SSZO	PRATT TLAMBERT	MEERSCHAUM 5520	CHAMOIS SSZZ	/_			LAMBERT CHAMOIS
28	JAHITOR	ARMSTRONG	МОНТІНА 86700	ARMSTRONG 4" HIGH	MOHTIHA 86700	HATT YLAMBERT	FREHCH VANILLA 3002	Pratt'\$ Lambert	FRENCH VANILLA 3002	PRATT'S LAMBERT	FRENCH VAHILLA 3002	PRATT & LAMBERT	FRENCH VARILLA 3002	Pratt & Lambert	IVORY MIST 5500	Printilanbert Chamois 55ez Pontalanbert				
29	STORAGE	armetrohe	MOHTIHA 867∞	ARMSTRONG 4" HIGH	МОНТІНА 86700	PRATT'S LAMBERT	FRENCH VANILLA 3002	PRATT LAMBERT	FREHCH YAHILLA 3002	PRATT'S LAMBERT	FREHCH YAHILLA 3002	Pratti Lambert	FRENCH VAHILLA 3002	Pratt's Lambert	IVORY MIST S500	CHAMOIS 5522		/	<u>/</u>	WIHPOW FRAMES-
30	LOBBY	ARMSTRONG	MOHTIHA 86700	ARMSTRONG 4" HIGH	MONTINA 86700	BRICK		PRATY LAMBERT	FREHCH VANILLA 3002	PRATTS LAMBERT	FREHCH VANILLA 3002	PRATT'S LAMBERT	TREHCH VAHILLA	KATT LAMBERT	IVORY MIST	ohit 8255- Merl Chamor Yknulyareesi				AHODIZED AWMIHUN BROHZE
31	EHTRY	ARMSTROHG	MOHTIHA 86700	ARMSTROUG 4" High	MOHTIHA 86700	PRATY 3 LAMBERT	FREHCH VAHILLA 3002	PRATT ILAMBERT	FREHCH VANILLA 3002	PRATTILAMBERT	FREHCH VANILLA 3002	PRATTILAMBERT	FREHZH VANILLA 3002	Prati Lambert	IYORY MIST S500	AHOPIZED ALUMIHUM BROHZE				WILLDOW FRAMES - AMODIZED ALUMINUT BRONZE
32	OPEH OFFICE	ARMUTRONG	MONTINA B6700	ARMSTRONG 4" HIGH	MONTHA 86700	PRAT SLAMBERT	FREHCH VANILLA 3002	PRATT & LAMBERT	FRENCH VANILLA 3002	PRATTS LAMBERT	FREHCH VAHILLA 3002	PRAY'S LAMBERY	RENCH VANILLA 3002	PRATI & LAMBERT	IVORY MIST 5500	Pratisl ahben Chamois 5522				WILDOW FRAME- AHODIZED ALUMIHU BRONZE
33	LABORATORY	ARMSTRONG	Монтіна 86700	28M51R0H6 4" HIGH	Монпна Вь700	PRATI I LAMBERT	FRENCH VANIULA 3002	PRATT & LAMBERT	FRENCH VANILLA 3002	PRATT'S LAMBERT	FRENCH VANILLA 3002	PRATTS LAMBERT	FRENCH VANILLA 3002	PRATTYLAMBERT	IVORY MIST 5500	Pratitions Section 1982	KEWAUNEE SANPTAN 220 AND SAIL FISH BLUE 229	KEMRESH BLACK		
34	150-ATION ROOM	ARMSTRONG	MOHTHOM 86700	ARMSTRONG 4' HIGH	MOHTINA 86700	Pratt à lambert	FRENCH VANILLA 3002	PRATT'S LAMBERT	FREHCH VAHILLA 3002	PRATTS LAMBERT	FRENCH VAHILLA 3002	PRATT I LAMBERT	FREACH VANILLA 3002	PRATT'S LAMBERT	IVORY MIST	Prattilander Chamob 5522	FISH BLUE #2	1		
36	150LATION ROOM	ARM STRONG	MOHTIHA 86700	ARMSTRONG 4" HIGH	MONTINA 86700	PRATT & LAMBERT	FRENCH VANILLA 3002	PRATT YLAMBERT	FREHLH VAHILLA 3002	PRATT & LAMBERT	FRENCH VANILLA 3002	PRATTYLAMBERT	KEHUH VAHILLA 3002	ORATT & LAMBERT	IVORY MIST 5500	Pratitumeer Chamois 5522	I KEWAUHEE SANDTAN #26 AND SANL- FISH BLIE*29	KEMRESIH BLAKK		
36	AUTOCLAVE	ARMSTROH4	MOH11HA 86700	ARMSTROHA 4" HIGH	MOHTHA 86700	PRATT \$ LAMBERT	FREHCH VANILLA	PRATT' LAMBERT	FREHCH VANILLA 3002	RATTSLAMBERT	FREHLH VANILLA 3002	PRATT & LAMBERT	FREHUH YAHILLA 3002	PRATT'S LAMBERT	IVORY MIST 5500	Pratilande Chamois 5527				<u></u>
37	LABORATORY	ARMYKOHA	MOHTIHA 86700	ARMUTROHG 4" HIGH	МОНПНА 86700	PRATT Y LAMBERT	FRENCH VANILLA 3002	PRATT À LAMBERT	KEHCH VAHILLA 3002	PRATT & LAMBERT	FREHZH YAHILLA 300Z	PRATT ! LAMBERT	FRENCH VANILLA 3002	MATSLAMBERT	IVORY MIST 5500	PRATTY LAMBOR CHAMOIS 5522	T KEWAUHEE SANDTAN #20 AND SAIL- FISH BLUE #24	KEMKEMH		
38	ISOLATION ROOM	ARMSTRONG	MOHTIHA 86700	ARMSTROHG 4' HIGH	MONTIHA 86700	PRATTELAMBERT	FRENCH VANILLA 3002	PRATES LAMBERT	FRENCH VANILLA 3002	PRAITYLAMBERT	FRENCH VANILLA 3002	PRATT' LAMBERT	FREHCH VAHILLA 3002	RATE LAMBERT	IVORY MIST 5500	Pratikahber CHAMOIS SBZZ	KEWAUHEE SAHDTAH #20 AHD SAIL- FISH BLUE #20	I .		
39	ISOLATION ROOM	arm Ston4	MOHTIHA 86700	armstrohg 4° high	MOH11HA 86700	PRATTY LAMBERT	FRENCH VANILLA 3002	PRATT > LAMBERT	FREHCH VANILLA 3002	PRATT & LAMBERT	FREHCH VANILLA 3002	PRAIT LAMBERT	FREHLH VAHILLA 3002	rati's lambert	IVORY MIST 5500	PRATTS LAMBER CHAMONS SEZZ	KEWADHEE SAND (AN \$20 AND SAL FISH BLLE \$2	Kenkesih Black		
40	ISOLATION ROOM	ARMYTROHA	MOHTIHA 86700	ARMS/ROHG 4" HIGH	MOHTINA 86700	PRATI'S LAMBERT	Kench Vahilla 3002	PRATTYLAMORPY	FREHLH VANIULA 3002	PRATT'S LAMBERT	FRENCH VAHILLA 3002	PRATT & LAMBERT	FREHCH VAHILLA 3002	PRATT'S LANGERT	INORY MIST 1500	MATHLAHREY CHAMOIS 5522	SAMPTAN AZ AMPTAN AZ AMP SANL- FYM BUNENZ	1		
41	160LATIOH ROOM	ARMSTROHG	MOHTIHA 86700	ARMENROHG 4" HIGH	МОНТІНА 86700	PRATT & LAMBERT	FREHUH VANILLA 3002	PRAT > LAMBERT	FRENCH VANILLA 3002	PRATT'S LAMBERT	FREHUH VANILLA 3002	PRATT & LAMBERT	FREHLH VANILLA 3002	PRATESLAMBERT	LYORY MIST 5500	Pratituate Chamous SSZZ	T KEWAUNEE SANPTAN #20 AND SAIL- FAM BOURE #29	KEMRESHH BLACK		

NOTE:

ALL PAINT SHALL BE FLOROCK,
ONE COAT PIGMENTED AQUA
PRIME EPOXY AND TWO COATS
PIGMENTED FLOROBASE 80.
PRATT & LAMBERT COLORS
GIVEN ARE FOR COLOR
MATCHING ONLY.

MADISOI HEALTH AMMAL MADISOI	NATIONALABORATIONALABORATION	AL WILDLIPI ORY N BUILDING Nain	COLOR SCHEDULE		
REVISION	STATUS	DATE	DESCRIPTION	BY	
1					

DATE 7/84 DESIGNED DRAWN CHECKED DRAWING NO. DEC-WI-927-422-6

								COLC	R SCH	EDULE										<u> </u>
ROOM		FLO	OR	BA	SE				WAL	LS				CEIL	ING		ACCE	3SORII	<u> ES</u>	
	ROOM NAME					NOF	TH.	EA	ST	SOL	лн	WE	ST			<u> </u>				NOTES
NO.		MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	F&D	FC	CT	MW	
42	LABORATORY	ARMSTROHG	МОНТІНА 86700	ARMSTRONG 4" HIGH	MOHTINA 86700	PRATT & LAMBERT	FREHCH YAHILLA 3002	PRATT & LAMBERT	FRENCH VAHILLA 3002	PRAT'S LAMBERT	FRENCH VANILLA 3002	pratifilambert	FREHUH VANHLLA 3002	frast \$ lambert	IVORY MIST 5600	Pratifications Chamon SSZZ	KEWAULIEE SAHDTAH 120 AHD SAIL: FYH BLUE 129	KATRESIH BLACK		
43	ALMOCLAVE	armstrohg	МОНТІНА 86-700	ARMSTROHG A" HIGH	МОНТІНА 86700	Praty Lambert	FREHCH VANILLA 3002	Prattilambert	FREHCH VAHILLA 3002	PRATT' > LAMBERT	FRENCH VANILLA 3002	PRATI Y LAMBERT	FREHCH VAHILLA 3002	pratt \$lambert	IVORY HIST 18500	ADAT NLAMBERI CHAMOIS 5522				
44	LABORATORY	ARMATROHG	МОНТІНА 86700	ARMSTROHG 4° HIGH	MONTINA 86700	PRATTILAMBERT	FRENCH VANILLA 3002	PRATTYLAMBERT	FRENCH VANILLA 3002	PRATTYLAMBERT	FRENCH YAHILLA 3002	Pratt & Lambert	REHUH VAHILLA 3002	PRATT'S LAMBERT	IVORY MIST 5500	Ratilange Chamous 5522	KEWAUHEE SAHDTAH 20 AHD SAIL- FISH BLUE 221	Kenresih Black		
45	ISOLATION ROOM	ARMAROHG	MOHTINA B6700	акпиконч 4" ицн	MONTINA 86700	rkati i lambert	FREHLH VANILLA 3002	prati ilambert	FRENCH VANILLA 3002	PRAST & LAMBERT	SRENCH WANTELA 3002	prast & lambert	REHCH VAHILLA 3002	PRATT'S LAMBERT	140RY MIST 5500	Prattlander Chamois SS22	Kewauhee Sahdyah 520 Ahd Sail- Fish Blue 529	elack Slack		
46	1501.11104 КООМ	ARMSTRONG	МОНТІНА 86700	ARMSTRONG 4" HIGH	MOHTIHA 86700	PRATT & LAMBERT	FREHCH VAHILLA 3002	PRATTYLAMBERT	FRENCH VANILLA 3002	PRATT & LAMBERT	Kench Vahilla 3002	PRATT'S LAMBERT	FREICH VAHILLA 3002	Prafilambert	IVORY MIST 5500	PRATISLAMBERS CHAMOIS SSZZ	KEWAUHEE 5AHD TAH #Zo AHD 5AHL- FISH BLUE #Z9	KEMRESIH BLAKK		
47	ЕНТКҮ	ARMSTROUG	MONTINA 86700	ARMSTRONG 4" HIGH	MONTINA 86700	PRATT'S LAMBERT	FRENCH VANILLA 3002	Prattalambert	FREHCH VAHILLA 3002	PRATTILAMBERT	FRENCH VANILLA 3002	PRATT LAMBERT	FRENCH VANILLA 3002	Prattilambert	IVORY MIST 5500	ratilande Chamois SSZZ				
48	STORAGE	ARMETROHE	MONTINA 86700	ARYSTROHG 4" HIGH	MOHTIHA 86700	PRATIFILAMBERT	FREHCH VANILLA 3002	Pratificancert	FRENCH VANILLA 3002	Prattylumbert	FRENCH VANILLA 3002	PRATY & LAMBERT	FRENCH VANILLA 3002	PRATT'S LAMBERT	140RY MIST 5500	Prusslanden Chamois 5522				
49	COLD ROOM																			PREFAS UNIT
50	EGG INCUBATION	ARMSTRONG	MOHTIHA 86700	ARMSTRONG 4" HIGH	MONTINA 86700	PRATISLAMBERT	FREHZH VAHILLA 3002	PROTILIANBERT	FRENCH VANILLA 3002	PRATT'S LAMBERT	FRENCH VAHILLA 3002	PRATT LAMBERT	FRENCH VANILLA 3002	PRATTS LAMBERT	IVORY MIST 5500	PRATTILANTECT CHAMOIS 5522				
र्हा	CORRIDOR	armotrong	MONTINA 86700	ARMSTRONG 4" HIGH	MONTINA 86700	PRATT!LAMBERT	FREHCH VANILLA 3002	PRATTYLAMBERT	FRENCH VAHILLA 3002	PRATT \LAMBERT	FREHUH VAHILLA 3002	PRATY'S LAMBERT	FRENCH VANILLA 3002	PRATTYLAMBERT	IVORY MIST 5500	RAMLANERY CHAMOIS SSZZ				
52	Cao ROOM																			PREFAB UNIT
53	610RAGE	COHCRETE		EXPOSED BLOCK		EXPOSEP BLOCK		EXPOSED BLOCK		EXPOSED BLOCK		EXPOSED BLOCK		COHCRETE		PAMILLANDERI CHAMOIS 552Z				
54	AIR LOCK	PRATTY LAMBERT	FLAGSTOHE 2516	PRATT & LAMBERT	CREHCH VANILLA 3002	PRATT \$ LAMBERT	FREHEH VANILLA 3002	Prant Ylambert	FRENCH YAHILLA 3002	PRATT & LAMBERT	FREHCH VANILLA 3002	PRATT & LAMBERT	FRENCH VANILLA 3002	PRATT' LAMBERT	IVORY MIST 5500	Pattalaner Chamons 5522				
55	DIRTY CORRIDOR	PRATTA LAMBERT	FLAGSTONE 2516	PRATES LAMBERT	FRENCH VANILLA 3002	PRATTI LAMBERT	FRENCH VANILLA 3002	PRATT'S LAMBERT	FRENCH VANILLA 3002	PRATTILAMBERT	FRENCH VANILLA 3002	PRATT HUMBERT	FREIKH VANILLA 3002	RATT LAMBERT	IVORY MIST	Pratitanes Chamqu SSZZ- Pratitanes				WIHPOW FRAME- PRAMS
5 to	HOLTATION	PRATE & LAMBERT	2516	PRATT & LAMBERT	2516	ARATI'S LAMBERT	MEERSCHAUM 6620	PRATTILAMBERT	MEERSCHAUM 5620	PRATT'S LAMBERT	MEERSCHAUM 5520	PRATTYLAMBERT	MEERSCHAUM SSZO	PRATT'S LAMBERT	MEERSCHAUM 5520	CHAMOS 5522 PRATTLAMBEE			/	LAMBERT CHAMOR
57	CHANGE ROOM	PRATT \$ LAMBERT	ما 25	PRAIT'S LAMBERT	2516	PRATI & LAMBERT	SOOZ	PRATT'S LAMBERT	FRENCH VAHILLA 3002	PRASTA LAMBERT	GREACH VANILLA	PRATE LAMBERT	FREMAN VANILLA		IVORY MIST	CHAMOIS . 5522 Mantlange				<u> </u>
58	CHAHGE ROOM	PRATILANBERT	2516	FRAIT & LAMBERT 4" HIGH	2516	<u> </u>	3002		FRENCH VANILLA	<u> </u>	3002	PRATT & LAMBERT	T FRENCH VANILLA 3002 MEERSCHAUM	PRATTS LAMBERT	100RY MIST 5500 MEERSCHAUM	CHAMOIS 5522 Pattianse				WINDOW FRAME - PRATI
69	AHIMAL 150LATIOH	PRATT'S LAMBERT	2516	PRATT & LAMBERT 4" HIGH	2516	PRATTI LAMBERT	MEERSCHAUM 5520 KEHCH VAHILLA	PRATT LAMBERT	5520	PRATTI LAMBERT	MEERSCHAUM 5520 FREHCH VAHILLA	<u> </u>	6620	PRATTS LAMBERT	SSZO IVORY MIST	CHAMOB 5522 Patrilanger				Window Frame - Prati Lambert Chamob 5622-
60	CHANGE ROOM	PRATT'S LAMBERT	2516	PRATTALAMBERT 4" HIGH PRATTALAMBERT	2516	PRATT'S LAMBERT	3002	KAIT ! LAMBERT	3002 MEERSCHAUM	PRATT LAMBERT	3002	PRATT Y LAMBERT	3002 MEERSCHAUM	PRATT LAMBERT	5500	CHAMOIS 5522 PRATHAMOER				WIHPOW FRAME- PRAT
61	AHIMAL ISOLATIOH	PRATT'S LAMBERT	2516	4' HIGH	2516		5520	<u> </u>	5520		5520	PRATT'S LAMBERT	5520	ļ	9520	CHAMOIS 5522 PRAFIXANOG				LAMBERT CHAMOIS SSZZ WIHPOW FRAMES-
62	CORRIDOR	ARMSTRONG	MONTIHA 86700	Armetrong 4° High	MOHTIHA 86700	PRATT Y LAMBERT	FRENCH VANILLA 3002	PRATTILAMBERT	FREHCH VANILLA 3002	TRANSPARE (PAR)	300Z	TRAIL A LAMPER	3002	(Pall (Parion)	5500	Chamob 5522				PRATE LAMBERT

NOTE:

ALL PAINT SHALL BE FLOROCK,
ONE COAT PIGMENTED AQUA
PRIME EPOXY AND TWO COATS
PIGMENTED FLOROBASE 60.
PRATT & LAMBERT COLORS
GIVEN ARE FOR COLOR
MATCHING ONLY.

REVISION STATUS DATE DESCRIPTION BY MADISON NATIONAL WILDLIPE HEALTH LABORATORY COLOR COLIETY E		BY
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								COLC	OR SCH	IEDULE	.									
ROOM		FL0	OR	BA	SE				WAI	L \$				CEIL	ING		ACCE	SSORI	ES	
	ROOM NAME					NOF		EA	ST	SOL		WE	ST							NOTES
NO.		MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	F&D	LC	СТ	MW	
63	AIR LOCK	ARMSTRONG	MOHTIHA 86700	armstrong 4° high	MONTHA 86700	PRATE YLAMBERT	FREHLH VAHILLA 3002	PRATT & LAMBERT	FREHLH VANHULA 3002	PRATTI LAMBERT	FRENCH VANILLA 3002	prati i lambért	FRENCH VAHILLA 3002	PRATT & LAMBERT	IVORY MIST 5500	Platent Chamok 5522				*
64	AHIMAL ISOLATION	PRATT I LAMBERT	FLAGSTONE 2516	PRATTI LAMBERT 4" HIGH	FLAGSTONE 2516	Pratti Lambert	MEER%HAUM 5520	PRATT'S LAMBECT	MEERSCHAUM 5520	PRATT'S LAMBERT	MEERSCHAUM 5520	PRATT) LAMBERT	MEERSCHAUM 6620	PRATTSLAMBERT	MEERSCHAUM 5520	rkatilambet Chamois 5522				WIHOOM FRAME-PRATTY LAMBERT CHAMOIS 5522
45	CHANGE ROOM	PRATT + LAMBERT	FLA4510HE 2516	PRATTI LAMBERT 4" HIGH	FLAG510HE 2516	PRATT'S LAMBERT	FREHCH YAHILLA 3002	PRATT ILAMBERT	FREHLH VAHILLA 3002	PRATT) LAMBERT	FRENCH VANILLA 3002	PRATT'S LAMBERT	FREHCH VANIUA 3002	PRATTY LAMBERT	IVORY MIST 5500	PRATTILAMBER CHAMOIS SSZZ				_
66	сначье коом	PRATT \$ LAMBERT	FLAGSTOHE 2516	PRATTYLAMBERT 4" HIGH	FLAGSTONE 2516	Prait's Lambert	FRENCH VAHILLA 3002	PRATE ILAMBERT	FREHCH VANILLA 3002	PRATT & LAMBERT	FREHLH VANILLA 3002	PRATTYLAMBERT	FREHCH VAHILLA SOOE	PRATTILAMBERT	IVORY MIST 5500	Prathlangery Chamos 5522				
67	AHIMAL ISOLATIOH	PRATT'S LAMBERT	FLAGSTONE 2516	PRATTY LAMBERT 4"HIGH	FLAGSTONE 2516	PRATT \$ LAMBERT	MEERSCHAUM 5520	PRATT & LAMBERT	MEERSCHAUM 5520	PRATE LAMBERT	MEERSCHAUM 5520	PRATTY LAMBERT	MEERSCHAUM 5520	PRASTILAMBERT	MEERSCHAUM SS20	PROTILLAGELY CHAMORS 552Z				WINDOW FRAME-PRAMS LAMBERT CHAMOS 5522
68	CHANGE ROOM	PRATTS LAMBERT	FLAGSTONE 2516	PRATTY LAMERT	FLAGSTOHE 2516	PRAT'S LAMBERT	FREHCH VANILLA	PRASS & LAMBERS	FRENCH VANILLA	PRATT3 LAMBERT	FREMCH VAHILLA 3002	PRATT FLAMBERT	FREHCH VAHILLA 3002	PRATT & LAMBERT	IVORY MIST 5500	PRATTILANDES CHAMOS SSZZ				
69	ANIMAL ISOLATION	PRATT'S LAMBERT	FLAGSTONE 2516	PRATT & LAMBERT 4" HIGH	FLAGSTOHE 2516	PRATY & LAMBERT	MEERSCHAUM 5520	PRATTY LAMBERT	MEERS CHAUM 5520	PRATE LAMBERT	MEERSCHAUM 5520	PRATI & LAMBERT	MEERSCHAUM SSZO	PRATT Y LAMBERT	MEERSCHAUM SS20	MONTHLAMBERT CHAMORS 552Z				WIHDOW FRAME-PRATTY LAMBERT CHAMOIS 5522
70	DIRTY CORRIDOR	PRATILAMOERT	FLAGSTONE 2516	PRATTY LAMBERT	FREHLH VANILLA 3002	PRAST & LAMBERT	FREHCH VANILLA 3002	PRATT LAMBERT	FREHCH VANIULA 3002	PRATT'S LAMBERT	FREHCH VANILLA 3002	PRATTI LAMBERT	FRENCH VANIUA 3002.	PRATT I LAMBERT	140RY 19151 5500	Pratifications Chamois 5522				, mil
71	AIR LOCK	PRATT'S LAMBERT	FLAGSTOHE 2516	PRATT! LAMBERT	FRENCH VANILLA 3002	PRATE & LAMBERT	FREHZH VANILLA 3002.	PRATT & LAMBERT	FRENCH VANILLA 3002	PRATTYLAMBERT	FRENCH VAHILLA 3002	PRATTYLAMBERT	FRENCH VANILLA 3002	PRATT'S LAMBERT	IVORY MIST 5500	Pratthanner Chanob 5522				
72	AHIMAL 150LATIOH	RAIT & LAMBERT	FLAGSTONE 2516	Pratty Lambert 4"High	FLAGSTONE 2516	PRATT & LAMBERT	MEER4CHAUM 5520	PRATT LAMBERT	MEERSCHAUM 5520	PRATT & LAMBERT	MEERSCHAUM 5520	PRATILAMBERT	MEERSCHAUM 5520	PRATES LAMBERT	MEERSCHAUM SSZO	Pathameet Chamois SS22				WHOOW FRAME-PRATS LAMBERT CHAMOIS 5522
73	CHANGE ROOM	PRATT > LAMBERT	FLAGSTONE 2516	PRATTA LAMBERT 4" HIGH	FLAGSTONE 2516	PRATT'S LAMBERT	FRENCH VANILLA 3002	PRATTE LAMBERT	FRENCH VANILLA 3002	PRATT YLAMBERT	FREHLH VAHILLA	PRATITION	FRENCH VAHILLA 3002	prati + lambert	IYORY MIST SSOO	Pant Hamber Chamob 5522				7702
74	CHANGE ROOM	PRATI'S LAMBERT	FLAGSTONE 2516	PRATTILAMBERT 4" HIGH	FLAGSTONE 2516	Pratt's Lambert	FRENCH VAHILLA 3002	PRATT & LAMBERT	FRENCH VANILLA 3002	Pratt & Lambert	FREHCH VAHILLA 3002	PRAT & LAMBERT	FRENCH VANILLA 3002	PRATTI LAMBERT	IVORY MIST 5500	(althambed Chamob 5522				
15	HOITAJOCI JAMIHA	PRATT'S LAMBERT	FLAGSTOHE 2516	PRATT'S LAMBERT 4" HIGH	FLAGGTONE 2516	PRATT & LAMBERT	MEER4CHAUM 5520	PRATT \$ LAMBERT	MEER SCHAUM 5520	Pratt's Lambert	MEERSCHAUM 5520	PRATT ! LANGERT	MEERSCHAUM 6620	PRATTY LAMBERT	MEER4CHAUM 5520	PRATTLAMBER CHAMOS SSZZ				WINDOW FRAME - PRATE! LAMBERT CHAMOS 5522
76	CHANGE ROOM	PENT'S LAMBERT	FLA4510HE 2516	PRATT 1 LAMBERT 4" HIGH	ELAGISTOHE 2516	PRATTYLAMBERT	FREHUH VAHILLA 3002	PRATT \$LAMBERS	FRENCH VANILLA 3002	PRATT & LAMBERT	FRENCH VAHILLA 3002	PRATT'S LAMBERT	FRENCH VANILLA 3002	PRATT & LAMBERT	NORY MIST 5500	PRATFILAMBERS CHAMOS SSZZ				
77	AHIMAL ISOLATION	PRATT à LAMBERT	FLAGSTONE 2516	pratt'i lambert 4" high	FLAGSTONE 2516	PRATT'S LAMBERT	MEERSCHAUM 5520	PRATTILAMBERT	MEER SCHAUM SSZO	PRATT'S LAMBERT	MEERSCHAUM 5520	PRATT & LAMBERT	MEERSCHAUM 5520	PEWT'S LAMBERT	MEERSCHAUM 8520	Pratilangen Chanog SSZZ				WINDOW PRAME-PRATTY LAMBERT CHAMOIS SSZZ
78	CORRIDOR	armstrong	HOHTIHA 86700	ARM51R0H6 4" HI6H	MOHTINA 86700	PEMT & LAMBERT	FRENCH VAHILLA 3002	PRATY & LAMBERT	FREHCH VAHILLA 3002	PRATT \$ LAMBERT	FRENCH VAHILLA 3002	PRATI'S LAMBERT	FREMCH VANILLA 3002	PRATT & LAMBERT	1402Y MIST 5500	Pratilange Chamois 5522				WHOOM FRAMES - PRATTY LAMBERT CHAMOIS 5522
79	AR LOCK	ARMSTRONG	MONTINA 86700	ARMS/Roha 4" High	MONTINA 86700	Prate 1 Lambert	FREHCH VANILLA 3002	PRATT & LAMBERT	FRENCH VANILLA 3002	PRATT'S LAMBERT	FRENCH VANILLA 3002	PRATT SLAMBERT	FRENCH VANILLA 3002	PRATTI LAMBERT	IVORY HIST 5500	Prattilanbeet Chamoh 5522				
80	ANIMAL ISOLATION	PRATT'S LAMBERT	FLAGSTONE 2516	PRATTS LAMBERT	FLAGSTONE 2516	PRATT'S LAMBERT	MEERSCHAUM 9520	PRAT'S LAMBERT	MEERSCHAUM 5520	PLATT'S LAMBERT	MEERSCHAUM 5520	FRATT'S LAMBERT	MEERSCHAUM 5520	PRATTY LAM BERT	MEER SCHAUM SSZO	PKATTLAHBE CHAMOS SSZZ			17	WINDOW FRAME PRATTI LAMBERT CHAMOIS 5522
81	CHANGE ROOM	PRATT3 LAMBERT	FLAGSTONE 2516	PRATT YLAMBERT 4" HIGH	FLA4510HE 2516	PRATTY LAMBERT	FRENCH VANILLA 3002	PRATT LAMBERT	FREHCH VAHILLA 3002	Prafit Lambert	FRENCH VANILLA 3002	PRATT'S LAMBERT	FRENCH VAHILLA 3002	PRATT'S LAMBERT	IVORY MIST 5500	PRAMITY LAMPREE CHAMPORY SSZZ				
82	CHANGE ROOM	PRATI 3 LAMBERT	FLAGSTONE 2516	PRATT'S LAMBERT 4" HIGH	FLAGSTONE 2516	PRATE & LAMBERT	FRENCH VAHILLA 3002	PRATT ELAMBERT	FRENCH VANILLA 3002	PRATTYLAMBERT	FREHCH VANILLA 3002	PRATT'S LAMBERT	FEEHCH VAHILLA 3002	PRATI Y LAMBERT	IVORY MIST SSOO	PRATILIAMEN CHAMAS SSZZ				
83	ANIMAL ISOLATION	PRATTS LAMBERT	FLAGSTONE 2516	Pratt's Lambert 4° high	FLAGSTOHE 2516	PRATE & LAMBERT	MEERSCHAUM 5520	PRATTYLAMBERT	MEERSCHAUM 5520	PRATTALAMBERT	MEERSCHAUM 8520	Pratt's Lambert	MEERSCHAUM 5520	PRATT'S LAMBERT	MEERSCHAUM 5520	Pentitumbee Chamas 5527				WHIPOW FRAME -PRAY LAMBORY CHAMOIS 5522
84	CHANGE ROOM	PRATT & LAMBERT	FLAGYOHE 2516	PRATTA LAMBERT 4" HIGH	FLAGSTONE 2516	PRATE > LAMBERT	FRENCH VANILLA 3002	PRATT \$ LAMBERT	FREHCH VAHILLA 3002	PRAST'S LAMBERS	FRENCH VANILLA	Prair's Lambert	FREHCH VAHILLA 3002	Prass 1 Lambers	IVORY HIST	PRATTILITEEE CHAMOIS SSZZ			17	7766

NOTE:

ALL PAINT SHALL BE FLOROCK,
ONE COAT PIGMENTED AQUA
PRIME EPOXY AND TWO COATS
PIGMENTED FLOROBASE 60.
PRATT & LAMBERT COLORS
GIVEN ARE FOR COLOR
MATCHING ONLY.

MADISON MEALTH I ANIMAL	NATIONALABORAT	AL WILDLIPE ORY N BUILDING	COLOR SCHEDULE	
REVISION	STATUS	DATE	DESCRIPTION	av

TATE DESIGNED DRAWN CHECKED DRAWING NO. DEC-WI-827-424.0

								COLC	<u>)R SCH</u>	<u>IEDULE</u>	<u>-</u>					_				
ROOM		FLO	<u>OR</u>	BA	SE				WAL	L\$				CEIL	JING	<u> </u>	<u>ACCE</u>	<u>SSORI</u>	<u>es</u>	
NO.	ROOM NAME			<u> </u>		NOF		EA	ST	SO	JTH	WE	ST							NOTES
NO.		MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG	COLOR	F&D	LC	СТ	MW	
85	AHIMAL ISOLATION	RATT'S LAMBERT	FLAGSTONE 2516	PRATE ?LAMBERE 4" HIGH	Flagstone 2516	PRAT'S LAMBERT	MEERGCHAUM 5520	PRATT > LAMBERT	MEER-XHAUM 5520	PRATT I LAMBERT	MEER5CHAUM 6520	PRATT HAMBERT	MEER-XHAUM 5520	PRATT & LAMBERT	MEERSCHAUM 5520	Parillander Chamois 5522				Window Frame - France Lambert Chamois 5522
86	ARTY CORRIDOR	PRATT & LAMBERT	FLAGSTONE 2516	fratt † Lambert	FREHKH VAHILLA 3002	MATT Y LAMBERT	FRENCH VAHILLA 3002	PRATTS LAMBERT	FRENCH VAHILLA 3002.	PRATT'S LAMBERT	FREHCH VAMILLA 3002	Pratt's Lambert	FREHEH VAHILLA 3002.	Pratti Lambert	IVORY MIST 5500	Pamuande Chamois SSZZ				
87	AIR LOCK	PRATT & LAMBERT	FLAGSTONE 2516	PRATT'S LAMBERT	FREHCH VANILLA 3002	PRATTYLAMBERT	FRENCH VANILLA 3002	PRATT'S LAMBERT	FRENCH VANILLA 3002	PEATT & LAMBERT	FRENCH VANILLA 3002	PRATT'S LAMBERT	FREHCH YANILLA 3002.	PRATTYLAMBERT	140RY M15T 5500	Pathumbeet Chamok 5522				
68	нескоръч	ARMSTROHG	MOHTIHA 86700	ARMSTRONG 4" HIGH	МОНТІНА. 86700	PRATT? LAMBERT	FRENCH VANILLA 3002	PRATTY LAMBERT	FREHCH VAHILLA 3002	PRATTI-LAMBERT	FRENCH VANILLA 3002	PRATT YLAMBERT	REHUH VAHILLA 3002.	praity lambert	IVORY MIST 5500	entandr Chamor Sass Sass Sass Sass Sass Sass Sass Sas	Kewauhee Said-aail- Aid Sail- Feit Blue=29	Kenresih		
89	IHCIHERATOR	COHCRETE		EXPOSED BLOCK		EXPOSED BLOCK		EXPOSED BLOCK		EXPOSED BLOCK		Ехронер в <i>лос</i> к		CONCRETE		(CATTALAMBRES CHAMOIS SSZZ				
90	CHANGE ROOM	PRATTY LAMBERT	FLAGSTONE 2516	PRATTY LAMBERT	FLA4510HE 2516	PRATTY LAMBERT	FRENCH VANILLA 3002	PRATT & LAMBERT	FREHCH VANILLA 3002	PRATT'S LAMIDERT	FRENCH VAHILLA 3002	Pratt 3 Lambert	FREHCH VAHILLA 3002	PRATT'S LAMBERT	IVORY MIST SSOO	PRATTHAMBERY CHAMOIS 5522				
41	AHIMAL ISOLATION	PRATT'S LAMBERT	FLAGSTONE 2516	PRATT'S LAMBERT 4" HIGH	FLA4STONE 2516	PRATT'S LAMBERT	MEERSCHAUM 5520	PRMTYLAMBERT	MEERSCHAUM 5520	PRATT) LAMBERT	MEERSCHAUM 5520	PRATTYLAMBERT	MEERSCHAUM 5520	PRATT I LAMBERT	MEERSCHAUM 5520	Prainlamber Chamois 5522				Wihpow Frame- Pratt Lambert Chamois 5522
92	CHANGE ROOM	PRATTS LAMBERT	FLAGSTONE 2516	PRATTS LAMBERT 4" HIGH	FLAGSTONE 2516	PRATTY LAMBERT	FREHCH VANILLA 3002	PRATILAMBERT	FRENCH VANILLA 3002	Prattylambert	FRENCH VANILLA 3002	PRATT & LAMBERT	FREHCH VAMILLA 3002	PRATTYLAMBERT	140RY MIST 8500	Pratiumbeet Chamois 5522				
93	AHIMAL ISOLATION	PRATTYLAMBERT	FLAGGIONE 2516	PRATTS LAMBERT 4" HIGH	FLAG5TOHE 2516	PRATT & LAMBERT	MEERSCHAUM 5520	PRATT'S LAMBERT	MEERSCHAUM 5520	PRATT3 LAMBERT	MEERSCHAUM 5520	PRATTS LAMBERT	MEERSCHAUM 5520	PRATTS LAMBERT	MEERSCHAUM 5520	Parthanbeet Chamas SS22				Window Frame- Pram Lambert Chamois 5522-
94	CORKIDOR	ARMSTROHG	MOHTIMA 86700	ARMSTROM4 4' HIGH	MONTINA 86700	Pratition de la la la la la la la la la la la la la	FRENCH VAHILLA 3002	PRATTS LAMBERT	FRENCH VANILLA 3002	PRATT'S LAMBERT	FRENCH VANILLA 3002	PLATTYLAMBERT	FRENCH VAHILLA 3002	PRAYTY LAMBERT	IVORY MIST SSOO	MATILATBEET CHAMOIS 5522				William Frames-Frant Lambert Chamois 5522
45	AIR LOCK	ARMSTRONG	MONTINA 86700	ARMSTRONG 4' HIGH	ARMSTRONG 06700	RATT LAMBERT	FRENCH VANILLA 3002	Pratt & Lambert	FRENCH VANILLA 3002	RATTYLAMBERT	FRENCH VANILLA 3002	pratt 4 lambert	FRENCH VAHILLA 3002	PRATT'S LAMBERT	140EY MIST 5500	Praistambret Chamob 5522				
46	AHIMAL ISOLATION	PRATT'S LAMBERT	FLAGSTONE 2516	PRATT'SLAMBERT 4" HIGH	FLAGSTONE 2516	PRATT > LAMBERT	MEER5CHAUM 5520	Pratitilanbert	MEERSCHAUM 5520	PRATISLAMBERT	MEERSCHAUM 5520	PRATT ! LAMBERT	MEERSCHAUM 8620	PRATT'S LAMBERT	MEERSCHAUM 5620	PLATHAMEN CHAMOIS 5522				Mindow Frame- Pratit Lambert Chamois 5522-
97	CHANGE. ROOM	PRATT'S LAMBERT	FLAGSTONE 2516	Pratt's Lambert 4" High	FLAGSTONE 2516	Pratt } Lambert	FRENCH VANILLA 3002	fratt) lambert	FRENCH VANILLA 3002	PRATT & LAMBERT	FRENCH VANILLA 3002	FRATT & LAMBERT	FREHUH VANILLA 3002	PRATT'S LAMBERT	IVORY MIST	PROTILAMBÉE CHAMOIS SS22				
98	CHANGE ROOM	PRATTYLAMBERT	FLAG5TOHE 2516	Prattylambert 4° high	FLAG570HE 2516	PRATTS LAMBERT	FRENCH VANILLA 3002	PRATT I LAMBERT	FREHUH VANILLA 3002	PRAST'S LAMBERT	FREHZH VAHILLA 3002	PRATT LAMBERT	FRENCH VAHILLA 3002	PRATTSLAMBERT	IVORY MIST 5500	Patislambert Chamois 5522				
9 9	AHIMAL ISOLATION	PRATT YLAMBERT	FLAGSTONE 2516	PRAIT YLAMBERT 4"HIGH	FLAGSTONE 2516	PRATTSLAMBERT	MEERGCHAUM 5520	PRATTY LAMBERT	MEERSCHAUM 5520	PRATTS LAMBERT	MEERSCHAUM 5520	PRATT'S LAM BERT	MEER5CHAUM 5520	PRATT'S LAMBERT	MEERSCHAUM SSZO	FEATTY AMBED CHAMOR SSZZ				WINDOW FRAME- PRAM LAMBERT CHAMOIS SSZZ
100	AHIMAL 150LATIOH	PRATT'S LAMBERT	FLAGSTONE 2516	PRATTS LAMBERT 4' HIGH	FLAGSTONE 2516	PEATY Y LAMBERT	MEERSCHAUM SS20	PRATT'S LAMBERT	MEERSCHAUM SSZO	PRAST) LAMBERT	MEERSCHAUM 8520	PRATT 31. AMBERT	MEERSCHAUM 5620	PRATT S LAMBERT	MEERSCHAUM 5520	PRATTILLAMBERT CHAMOIS 5522				WINDOW FRAME-PRATI LAMBERY CHAMOR 5522
101	CHANGE ROOM	PRATT & LAMBERT	FLAGSTONE 2516	PRATTSLAMBERT 4" HIGH	FLAG STONE 2516	Prass Ylambers	FRENCH VAHILLA 3002	PRATT'S LAMBERT	FRENCH VANILLA 3002	PRATES LAMBERT	FRENCH VANILLA 3002	Pract 3 Lambert	FRENCH VAHILLA 5000E	PRATT'S LAMBERT	IVORY MIST 6500	PONTSLAMBERT CHAMOIS SSZZ				
102	CHANGE ROOM	PRATT'S LAMBERT	FLAGSTONE 2516	PRAIT : LAMBERT A' HIGH	FLAGSTONE 2516	PRATT YLAMBERT	FRENCH VANILLA 3002	pratt's lambert	FRENCH VANILLA 3002	PRATT & LAMBERT	FRENCH VANILLA 3002	PRATT'S LAMBERT	FREHCH VANILLA 3002	(KATT) LAMBÉRT	IVORY MIST	PRATTILAMEER CHAMOHS 5522				
103	AHIMAL ISOLATIOH	PRATT > LAMBERT	FLAGSTOHE 2516	Prattslambert 4' high	FLAG STONE 2516	MATT'S LAMBERT	МЕЕКЬСНДИМ 5520	PRATTS LAMBERT	MEERSCHAUM 5520	PRATTS LAMBERT	MEERSCHAUM 5520	PRATT'S LAMBERCY	MEERSCHAUM 5520	PRATT'S LAMBERT	MEERSCHAUM SSZO	PONTILATBOOT CHAMOIS SSZZ				Window Frame- Prati Lambert Chamois 5522
104	AHIMAL ISOLATION	Pratt) Lambert	FLAGSTONE 2516	Pratfilambert 4" high	FLAGSTONE 2516	PRATT'S LAMBERT	MEERSCHAUM 5520	Pratt 9 Lambert	MEERSCHAUM 5520	Praisolambers	MEERSCHAUM 5520	PRATT'S LAMBERT	MEERSCHAUM SSZO	PRATT'S LAMBERT	ITEERSCHAUM 5520	POTTYLAMBERT CHAMOIS 5522				WIHPOW FRAME PRAT LAMBERT CHAMOS 5522
105	CHANGE ROOM	PRATTYLAMBERT	FLAGSTONE 2516	PRATT'S LAMBERT 4" HIGH	FLAGSTONE 2516	prast & Lambert	FRENCH VANILLA 3002-	PRATT ! LAMBER	FRENCH VANILLA 3002	PRATT'S LAMBERT	FREHCH VANILLA 3002	PRATT'S LAMBER	FREHCH VANILIA 3002	PRATT'S LAMBERT	IVORY MIST 5500	PENTINAMERS CHAMOIS SSZZ				
106	CORRIDOR	ARMSTRONG	MOHTIHA 86700	ARMSTRONG 4" HIGH	МОНТІНА 86700	PRATT'S LAMBERT	rench Vanilla 3002	PRATT'S LAMBERT	FRENCH VANILLA 3002	PRATTSLAMBERT	GRENCH VANILLA 3002	PRATTS LAMBERT	FRENCH VANILLA 3002	PRATE SLAMBERT	IVORY MIST	Painlameet Chamois 5522				WHPOW FRAMES - PRAT LAMBERT CHAMOIS 5522

NOTE:

ALL PAINT SHALL BE FLOROCK, ONE COAT PIGMENTED AQUA PRIME EPOXY AND TWO COATS PIGMENTED FLOROBASE 60. PRATT & LAMBERT COLORS GIVEN ARE FOR COLOR MATCHING ONLY.

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REVISION	STATUS	DATE	DESCRIPTION	

MADISON NATIONAL WILDLIFE
HEALTH LABORATORY
ANIMAL ISOLATION BUILDING
MADISON, WISCONSIN

DATE
7/84

DESIGNED

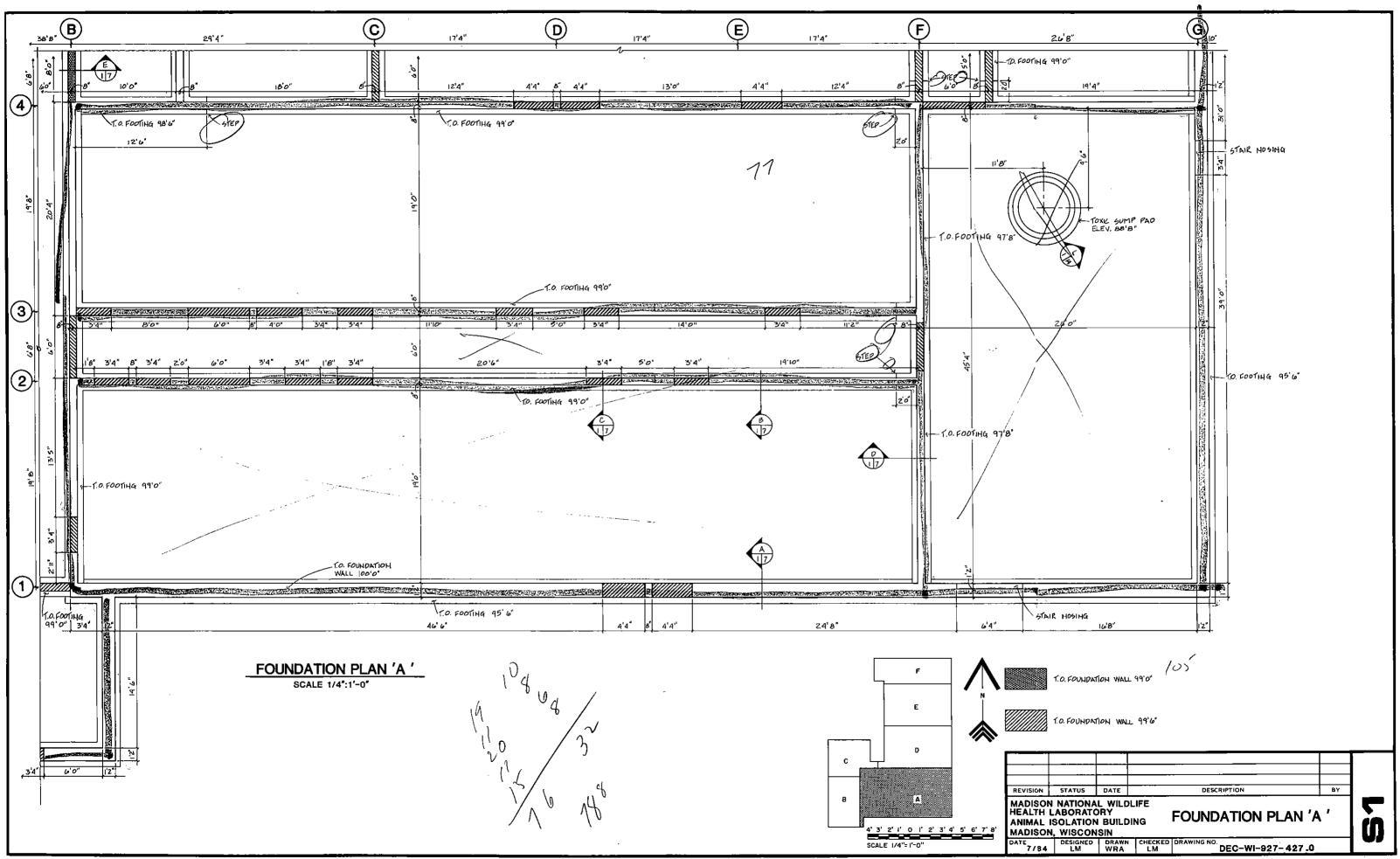
DEC-WI-927-425 6

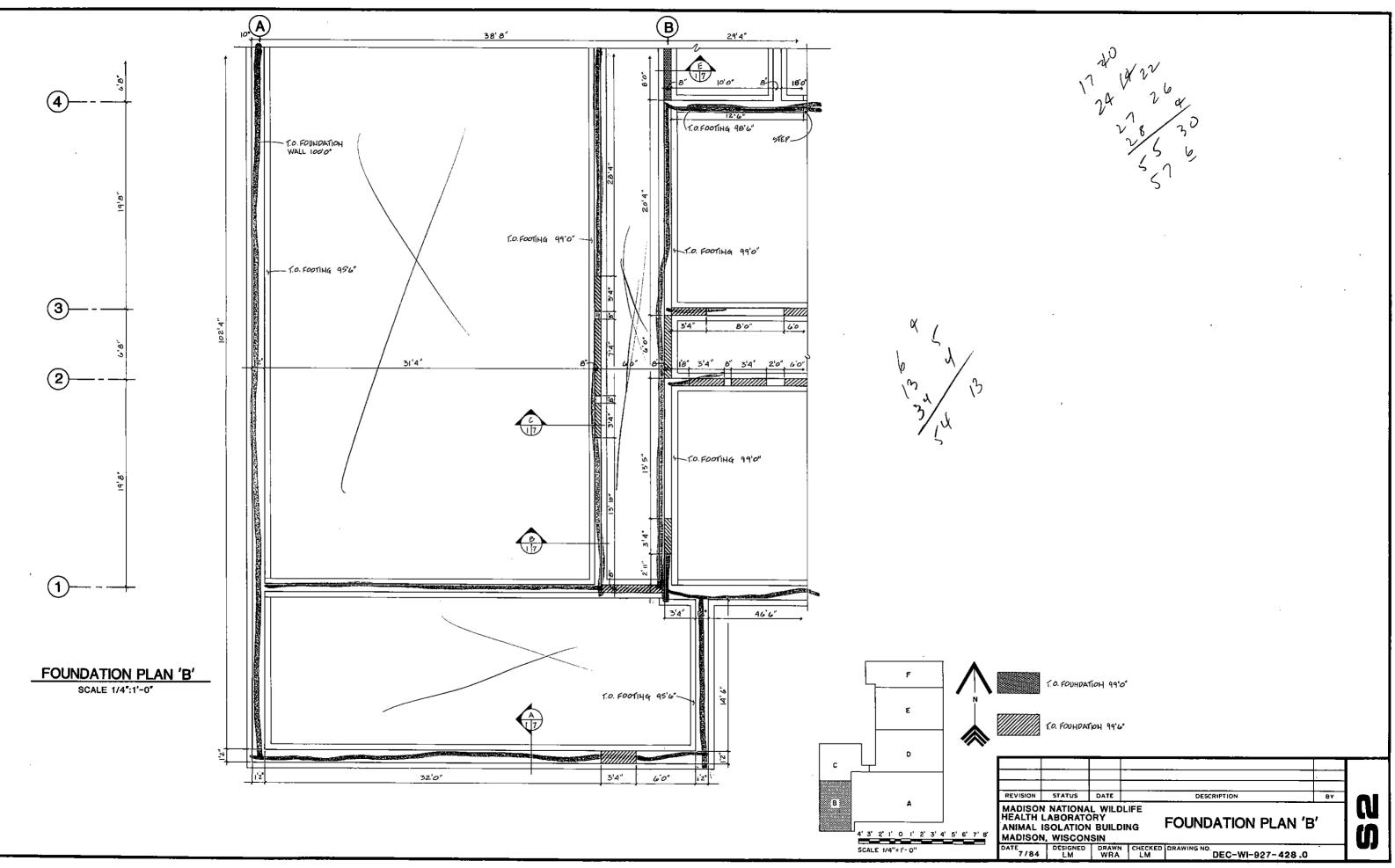
COLOR SCHEDULE																				
ROOM	ROOM NAME	FLOOR		BASE						Щ\$				CEILING		ACCESSORIES				
						NORTH		EAST		SOUTH		WEST								NOTES
NO.		MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG.	COLOR	MFG	COLOR	MFG.	COLOR	F&D	rc	СТ	MW	
107	CHANGE ROOM	Praft's Lambert	FLAGSTONE 2516	PRATTS LAMBERT 4" HIGH	Flag sto ne 2516	PRATTYLAMBERT	FRENCH VANIULA 3002	Pratt 1 Lambert	FEENCH VANILLA 3002	PRATTI LAMBERT	reach vahilla 3002.	PRATTSLAMBERT	FRENCH VANILLA 3002.	Rasslambert	IVORY MIST	MONTS LAMBORY CHAMORS SSZZ				
108	AHIMAL BOLATION	Pratislambert	Flagstone 2516	PRATTSLAMBERT 4" HIGH	FLAGSTONE 2516	pratt's lambert	MEER4CHAUM 5520	PRATTS LAMBERT	MEERSCHAUM 5520	Kata Lambert	MEERSCHAUM 5520	Pratt3-lambert	MEERSCHAUM 5520	Pratilambert	MEERSCHAUM 55520	Ratiolambes Chamous SSZZ				Window Frame-Prats Lambert Chamois 5522
109	feed and cage storage	PRATT'S LAMBERT	FLA4470HE 2516	Pratt's Lambert	FRENCH VANIUA 3002	PRATCY LAMBERT	KENCH VAHILLA 3002.	pract's lamber	FRENCH VANILLA 3002	PRATT I LAMBERT	FRENCH VAMILLA 3002	PRATT'S LAMBERT	FRENCH VANILLA 3002	Pratislambert	IVORY MIST 5500	Platislambert CHAMOIS SSZZ				
110	CAGE WASH AND LAUHDRY	PRATT'S LAMBERT	ELAGSTANE 2516	PRATTS LAMBERT	FREHCH VANILIA 3002	PRATT'S LAMBERT	FREHCH VANILUA 30002	prattilambert	FREHOH VANIULA 3002	PRATTYLAMBERT	FRENCH VANIULA 3002	frati i lambeet	FRENCH VANILLA 3002-	Pratt's Lambert	IVORY MIST SSOO	PRATRIAMERT CHAMOH SSZZ				
201	UPPER MECHANICAL ROOM	CONCRETE		EXPOSED BLOCK		EXPOSED BLOCK		EXPOSED BLOCK		EXPOSED BLOCK		EXPOSED BLOCK		EXPINSED CONJUSETS		PRATISLAMBRES CHAMOS 5522				- -
202	MECHANICAL CHASE	AYWOOD		EXPOSE PLOCK		EXPOSED BLOCK ? EXPOSED METAL STUD		EXPOSED BLOCK S EXPOSED MEYAL STUD		EXPOSED BLOCK & EXPOSED METAL STUD		EXPOSED BLOCK I EXPOSED METAL STUD		EXPOSED METAL STUD						
203	MECHANICAL CHASE	PLY WOOD		EXPOSED BLOCK		CKPOSED BLOCK'S EXPOSED METAL STUD		EXPOSED BLOCK ! EXPOSED METAL STUD		Exposed block ? Exposed Metal Stud		EXPOSED BLOCK 3 EXPOSED METAL STUD		EXPOSED METAL STUD		(RMISLANGERI CHAMOIS 5522				
2.04	MECHANICAL CHASE	RYWOOD .		EXPOSED BLOCK		EXPOSED BLOCK! EXPOSED METAL STUD		EXPOSED BLOCKS EXPOSED MEYAL STUD		EXPOSED BLOCK) EXPOSED METAL STUD		EXPOSED BLOCK) EXPOSED METAL STUD		EXPOSED METAL STUD						
205	МЕСНАНІСАL CHASE	PLYWOOD		EXPOSED BLOCK		EXPOSED BLOCK S EXPOSED METAL STUD		EXPOSED BLOCK; EXPOSED METAL STUD		EXPOSED BLOCKS EXPOSED METAL STUD		EXPOSED BLOCK ; EXPOSED METAL STUD		EXPOSED METAL STUD						
206	MECHANICAL CHASE	PLYW000		EXPOSED BLOCK		EXPOSED BLOCKS EXPOSED METAL STUD		EXPOSED BLOCK S EXPOSED METAL STUD		EXPOSED BLOCK I EXPOSED METAL STUD		EXPOSED BLOCK I EXPOSED METAL STUD		EXPOSED METAL STUD						
207	MECHANICAL CHASE	PLYWOOD		Ехрожо влоск		EXPOSED BLOCK) EXPOSED METAL STUD		EXPOSED BLOCKS EXPOSED METAL STUD		EXPOSED BLOCK! EXPOSED METAL STUD		ESPOSED BLOCKS EXPOSED METAL STUD		EXPOSED METAL STUD		Pratislamben Chamon, 5522				

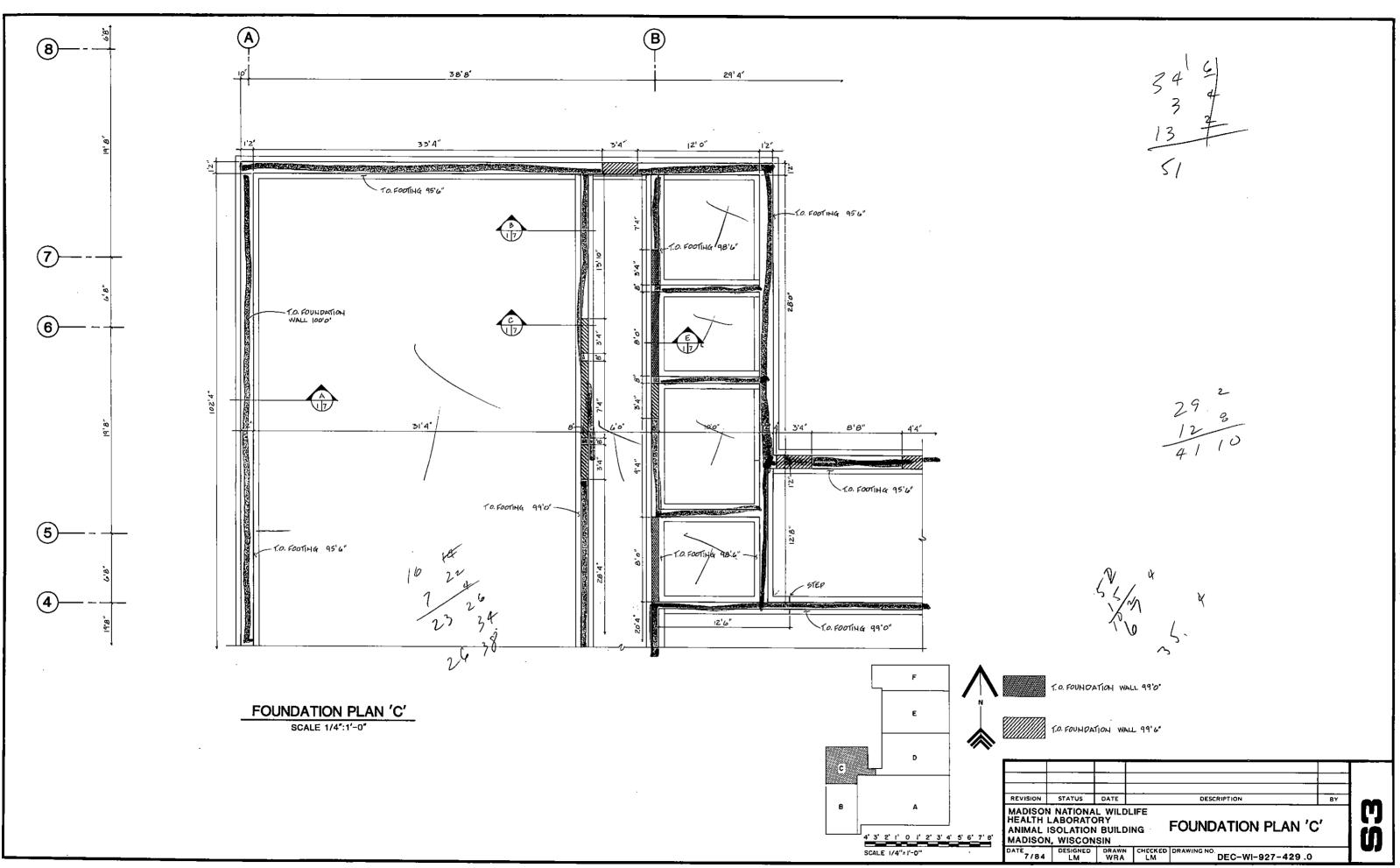
NOTE:

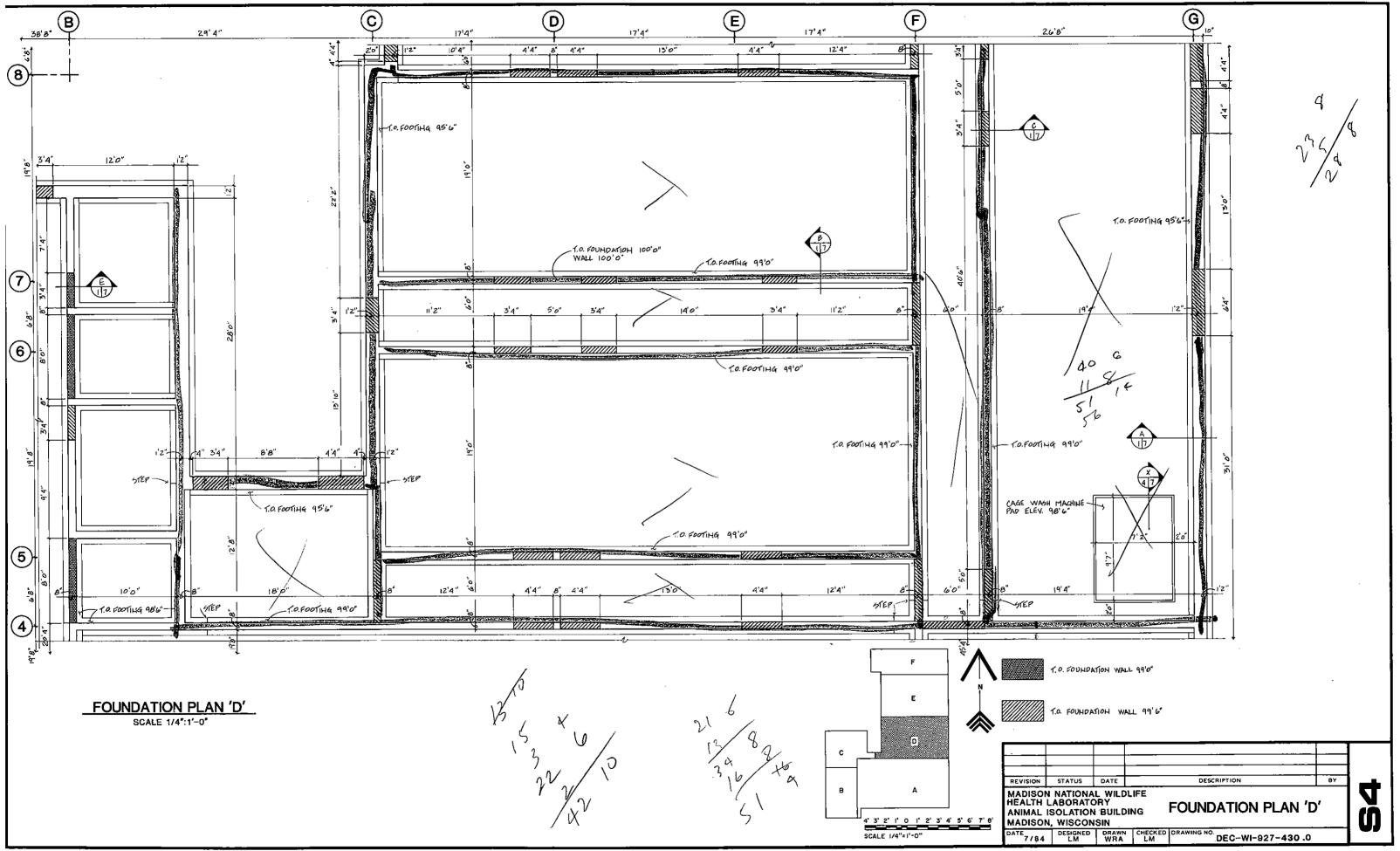
ALL PAINT SHALL BE FLOROCK,
ONE COAT PIGMENTED AQUA
PRIME EPOXY AND TWO COATS
PIGMENTED FLOROBASE 60.
PRATT & LAMBERT COLORS
QIVEN ARE FOR COLOR
MATCHING ONLY.

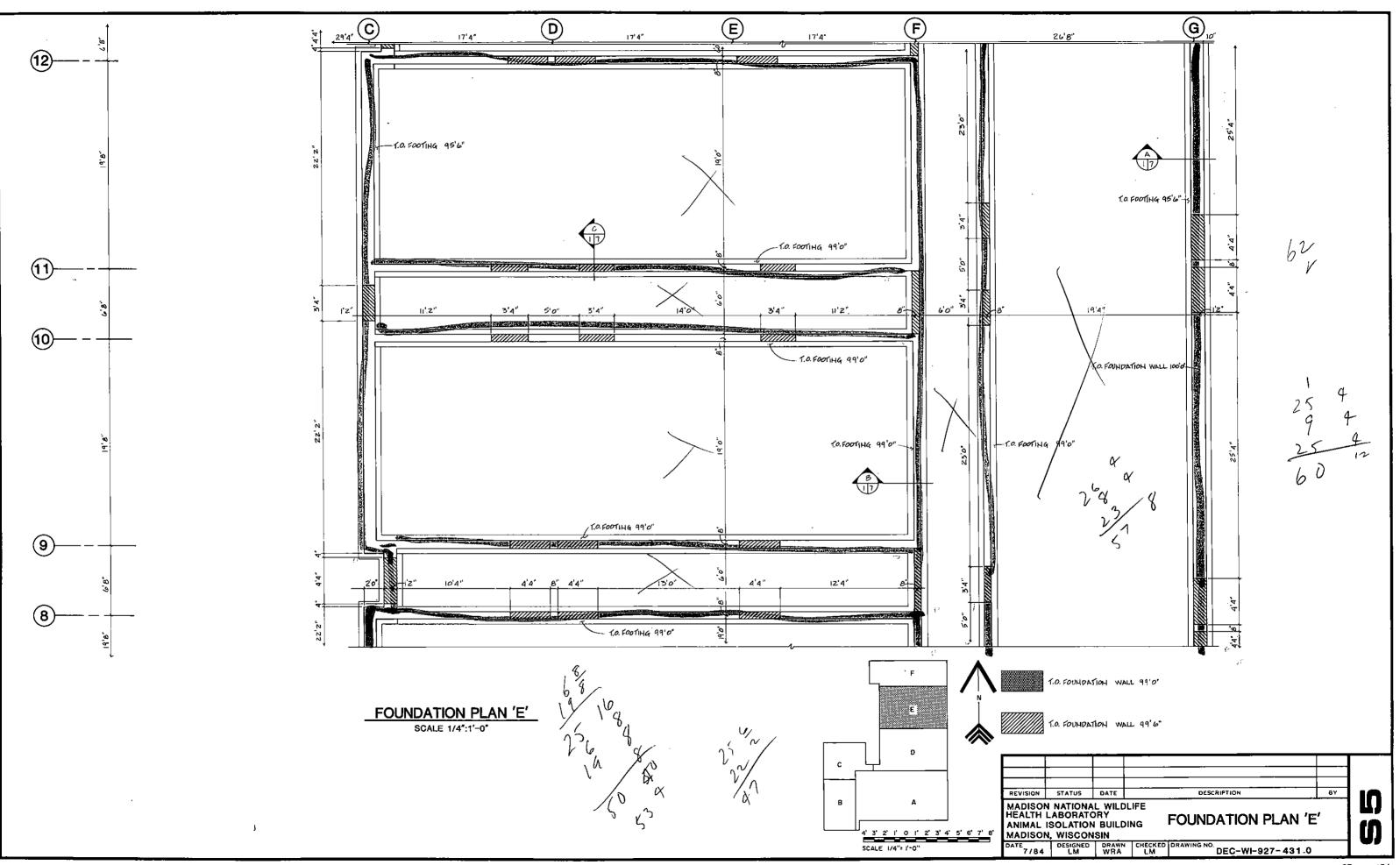
REVISION	STATUS	DATE		DESCRIPTION	BY
ANMAL	I NATIONA LABORATO BOLATION	BUILDI		COLOR SCHEDULE	
DATE 7/84	DESIGNED	DRAWN WRA	CHECKED	DEC-WI-927-426 4	

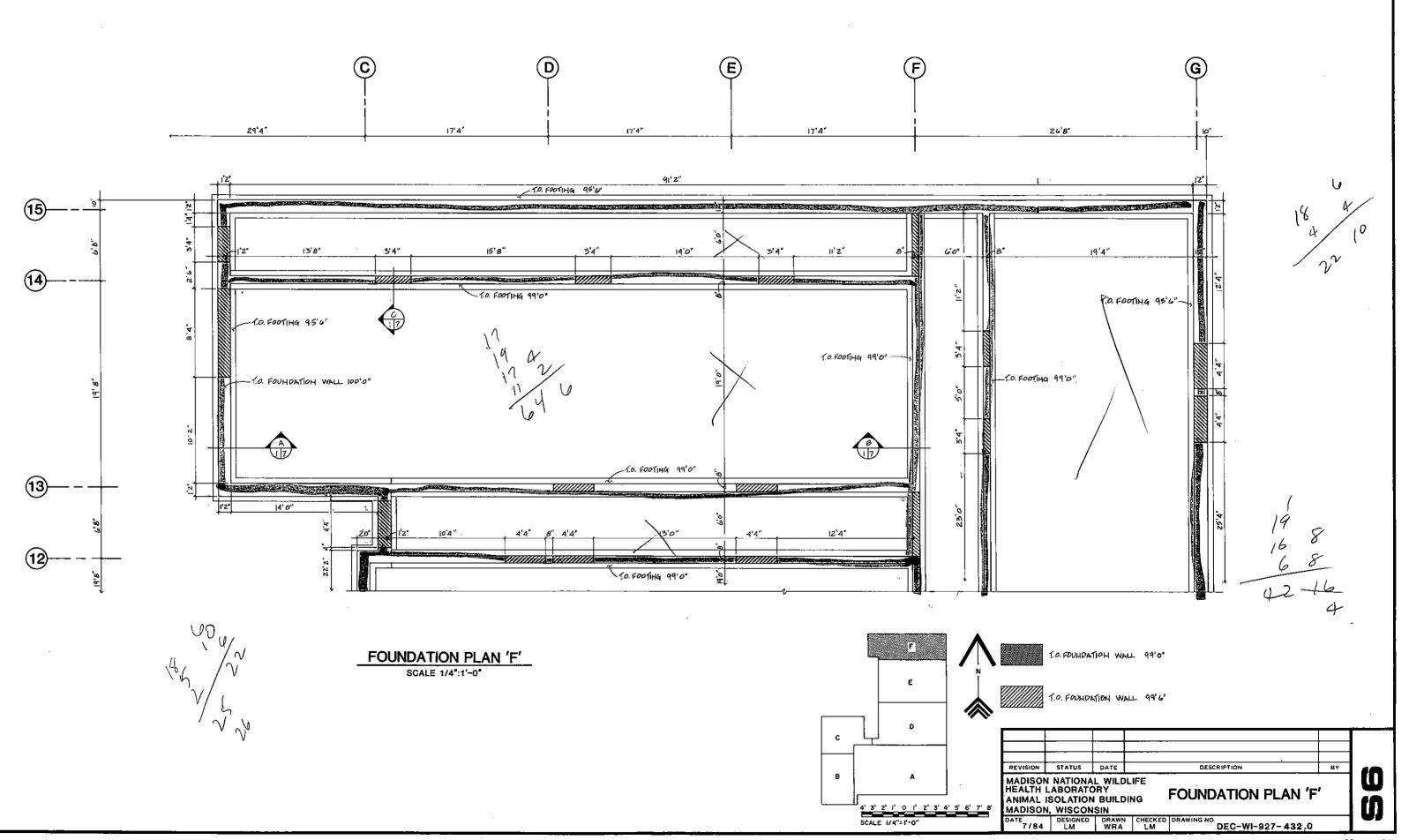


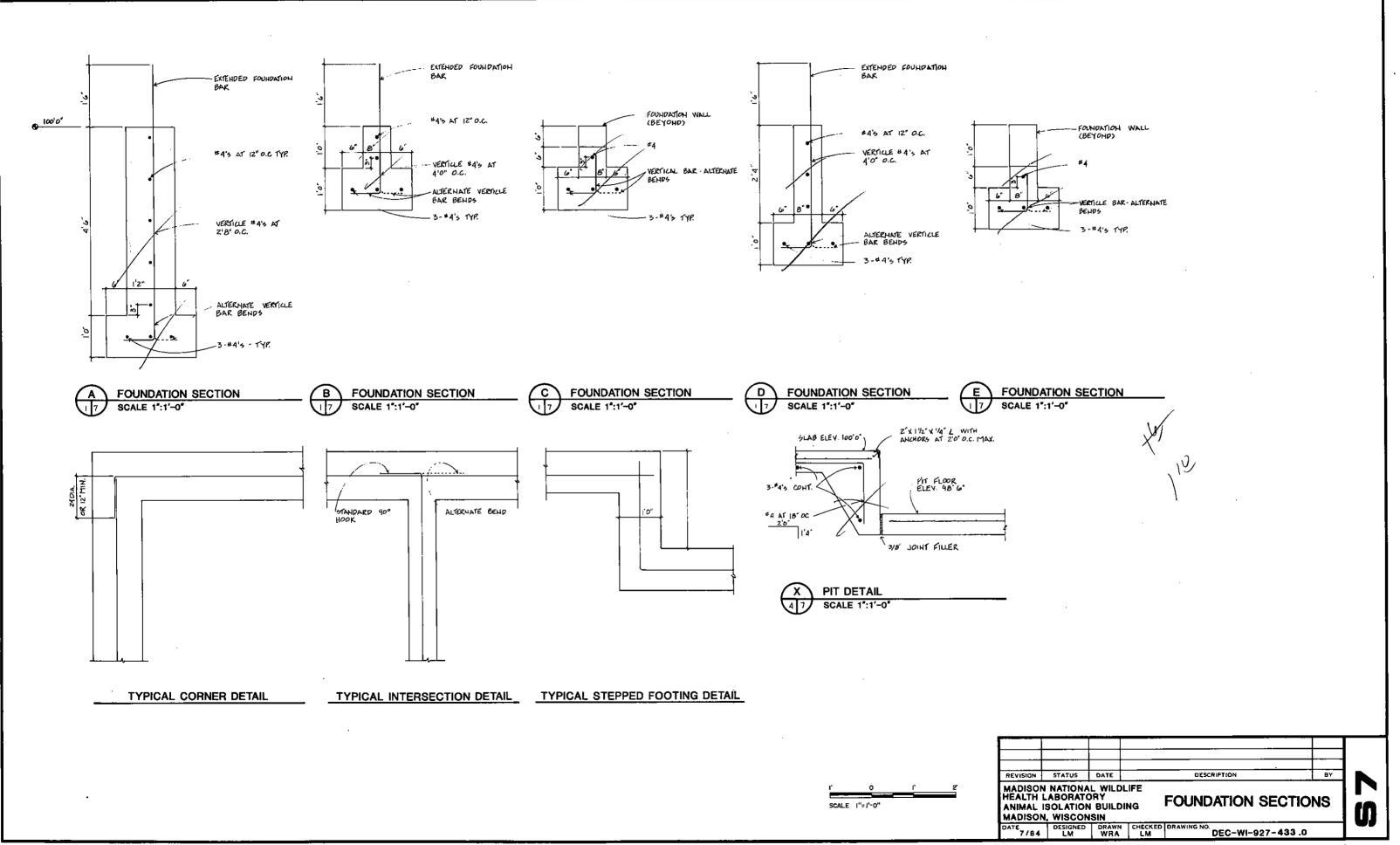


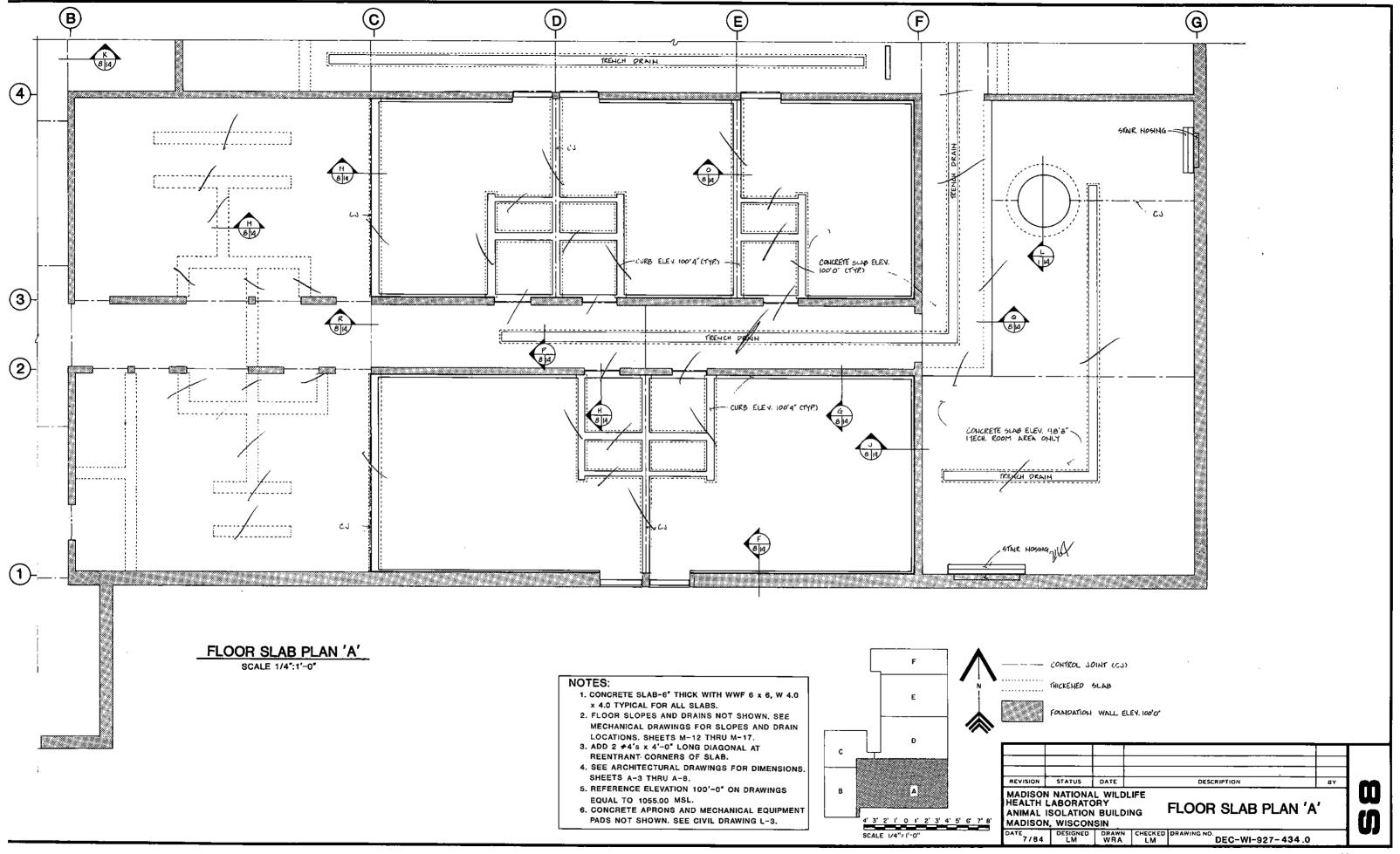


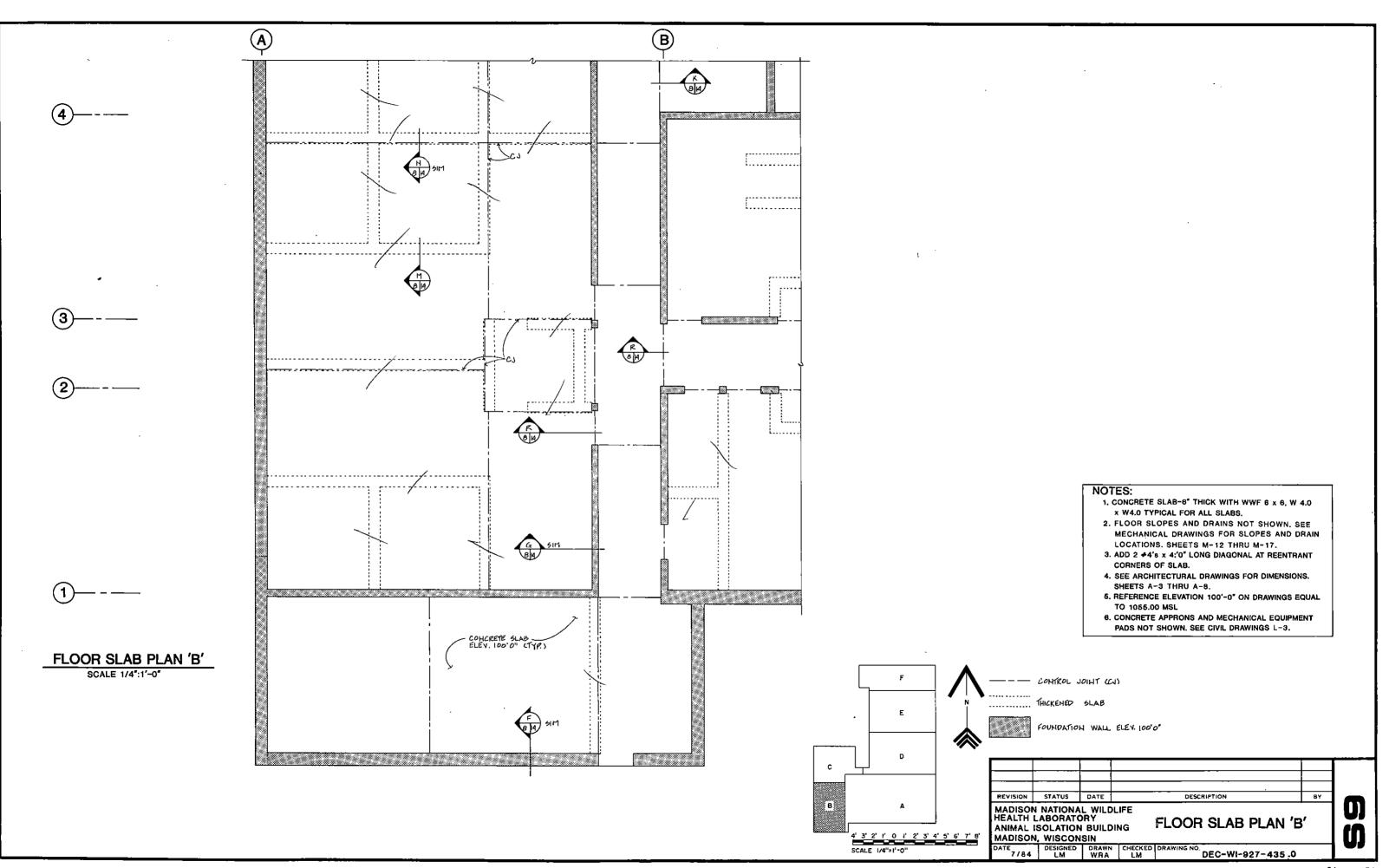


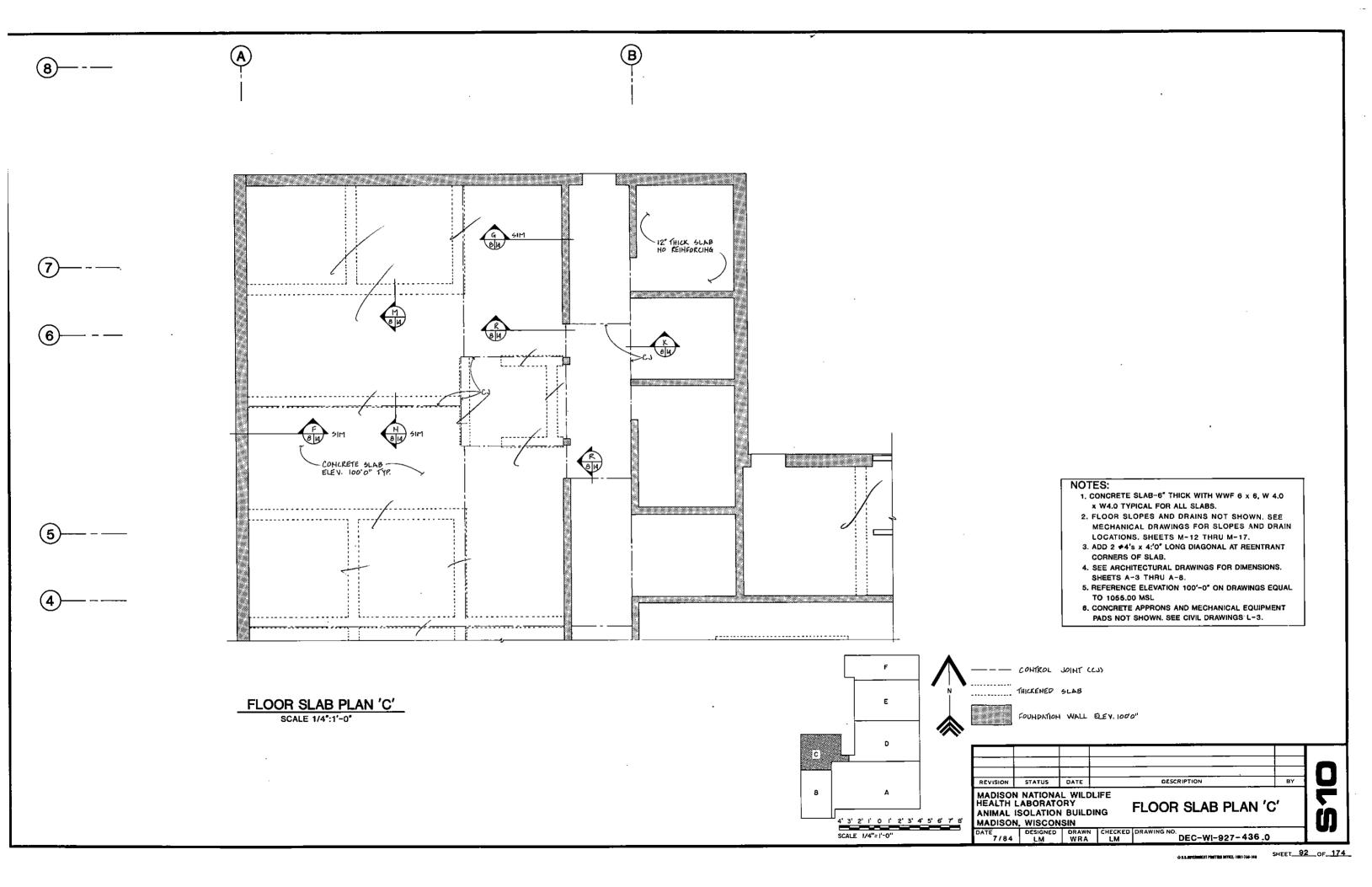


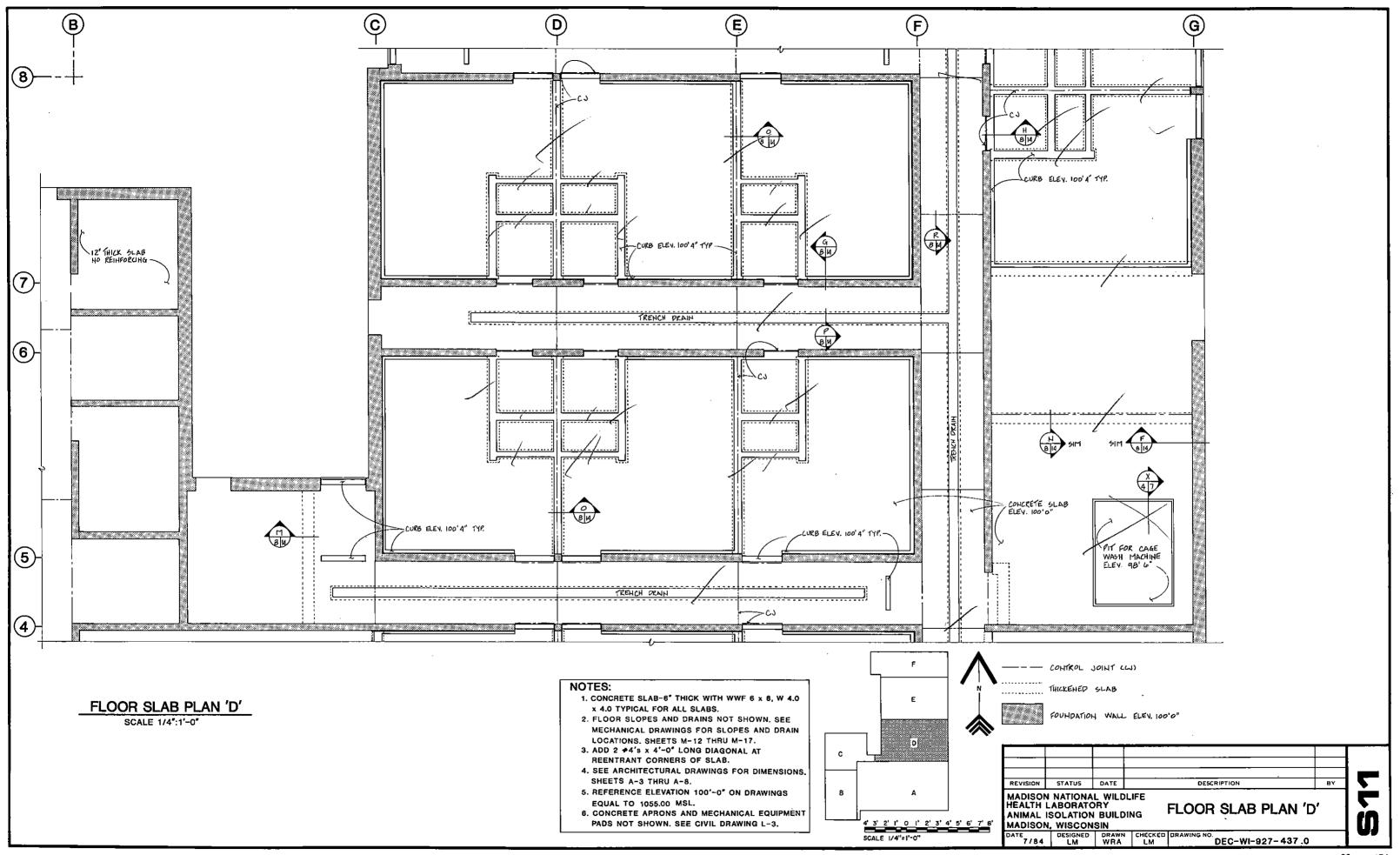


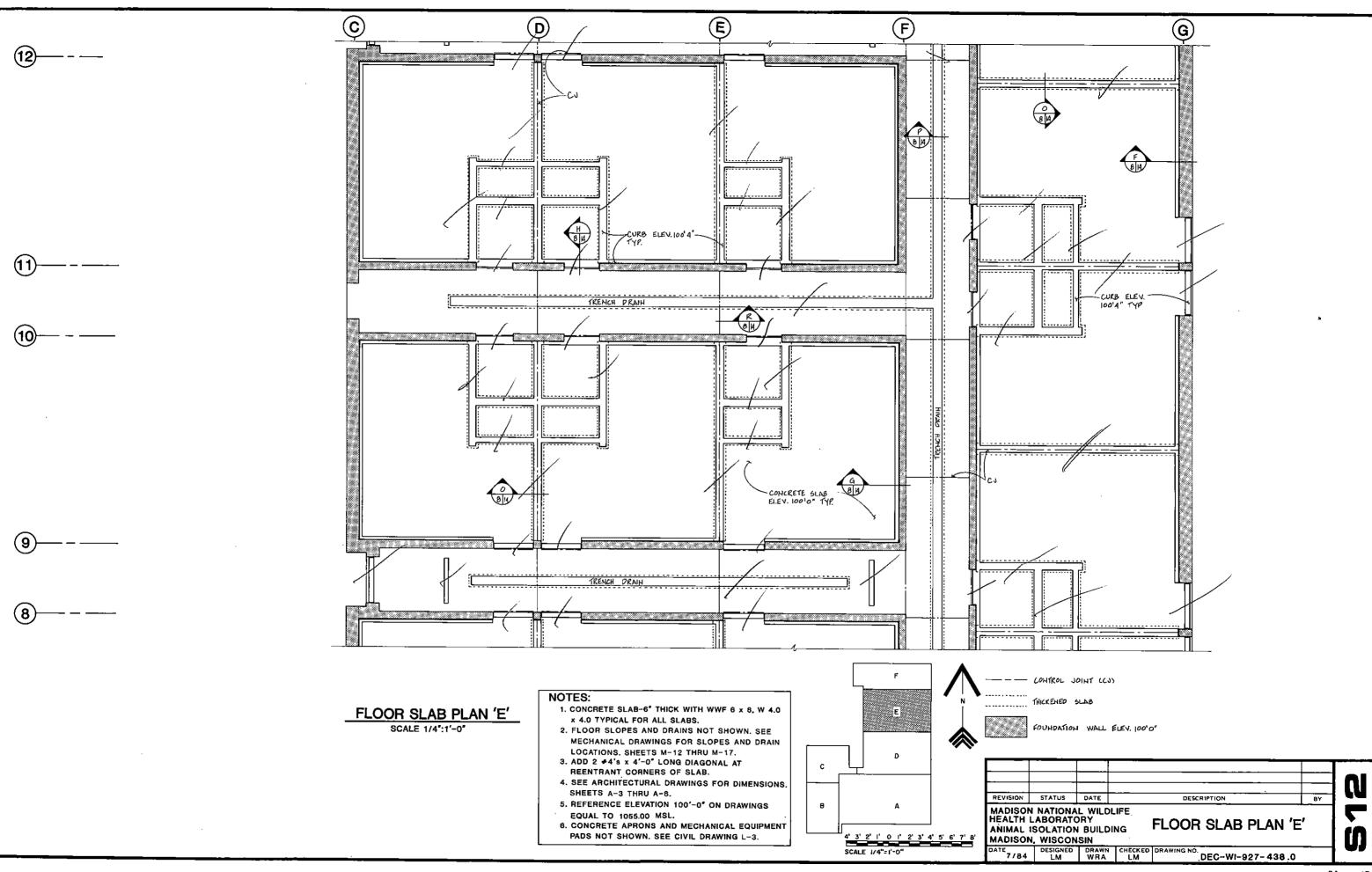


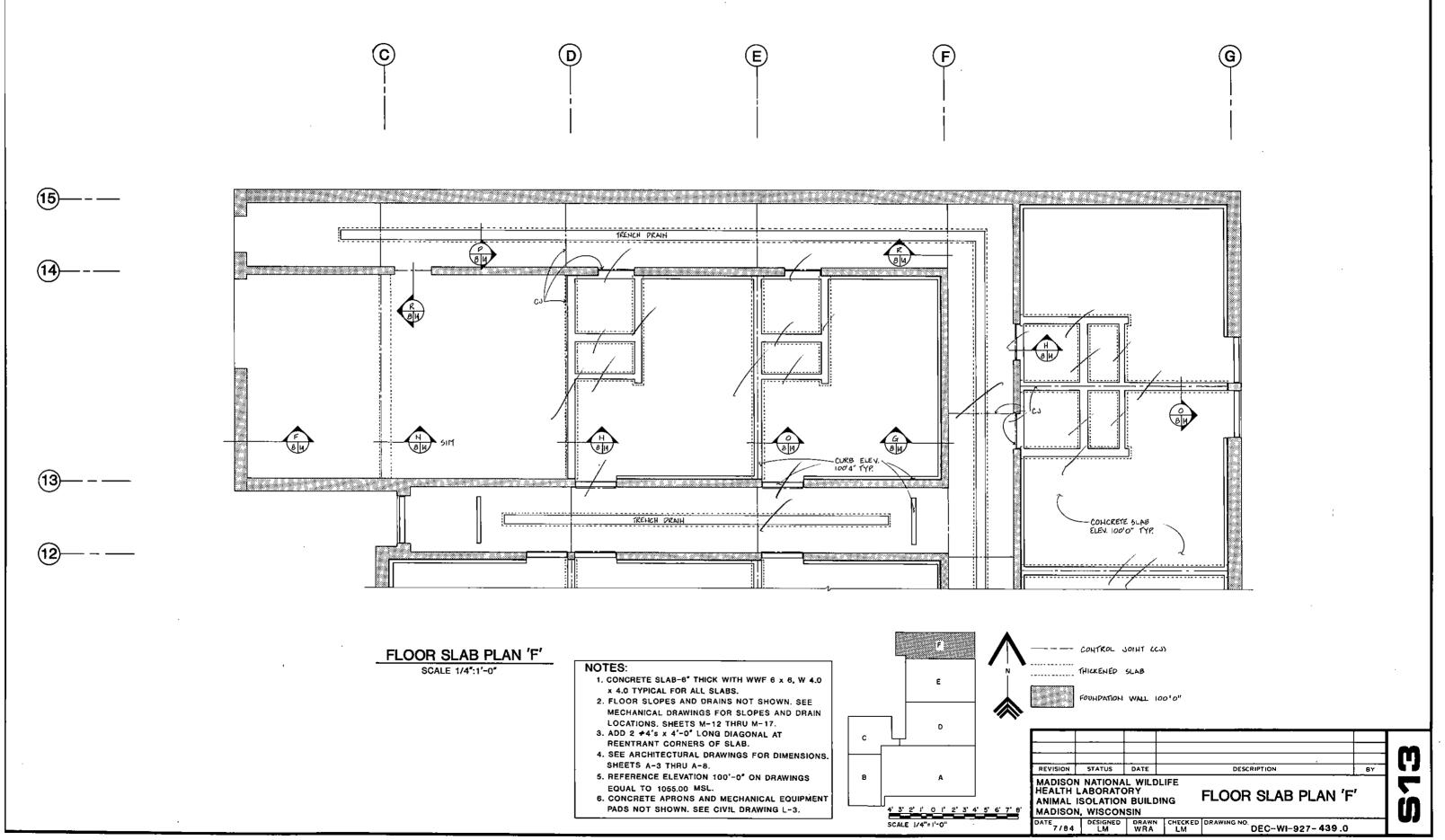


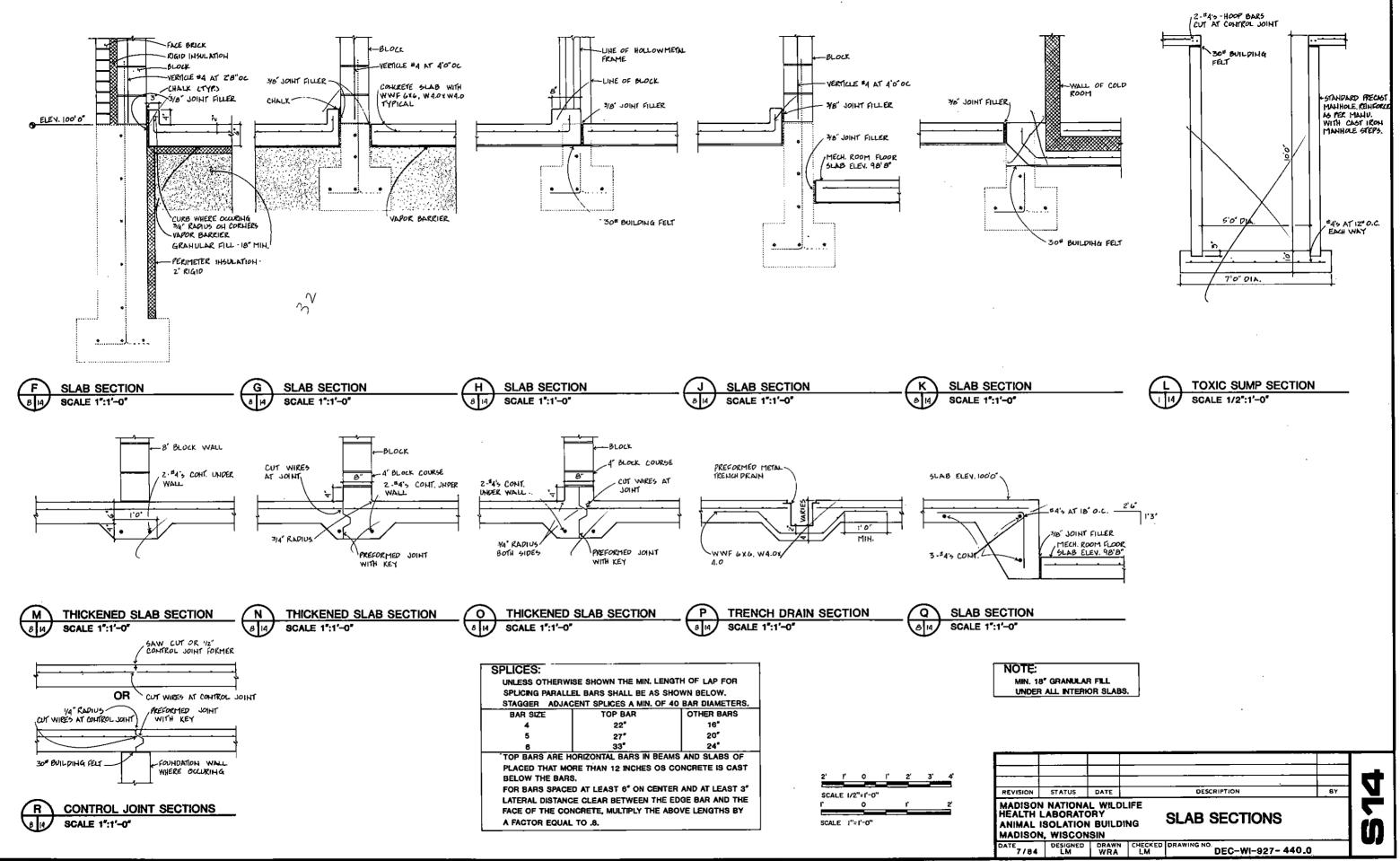


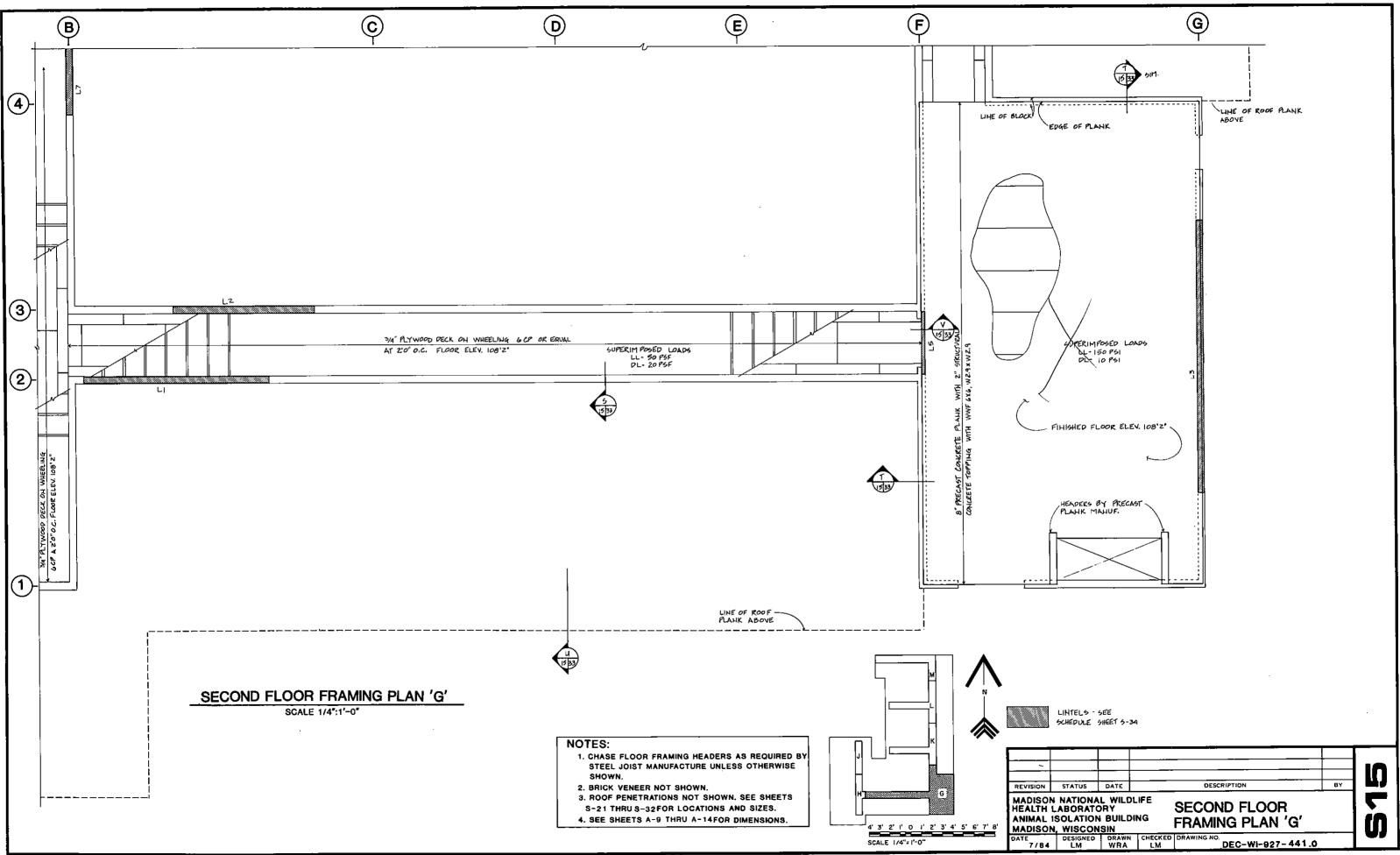


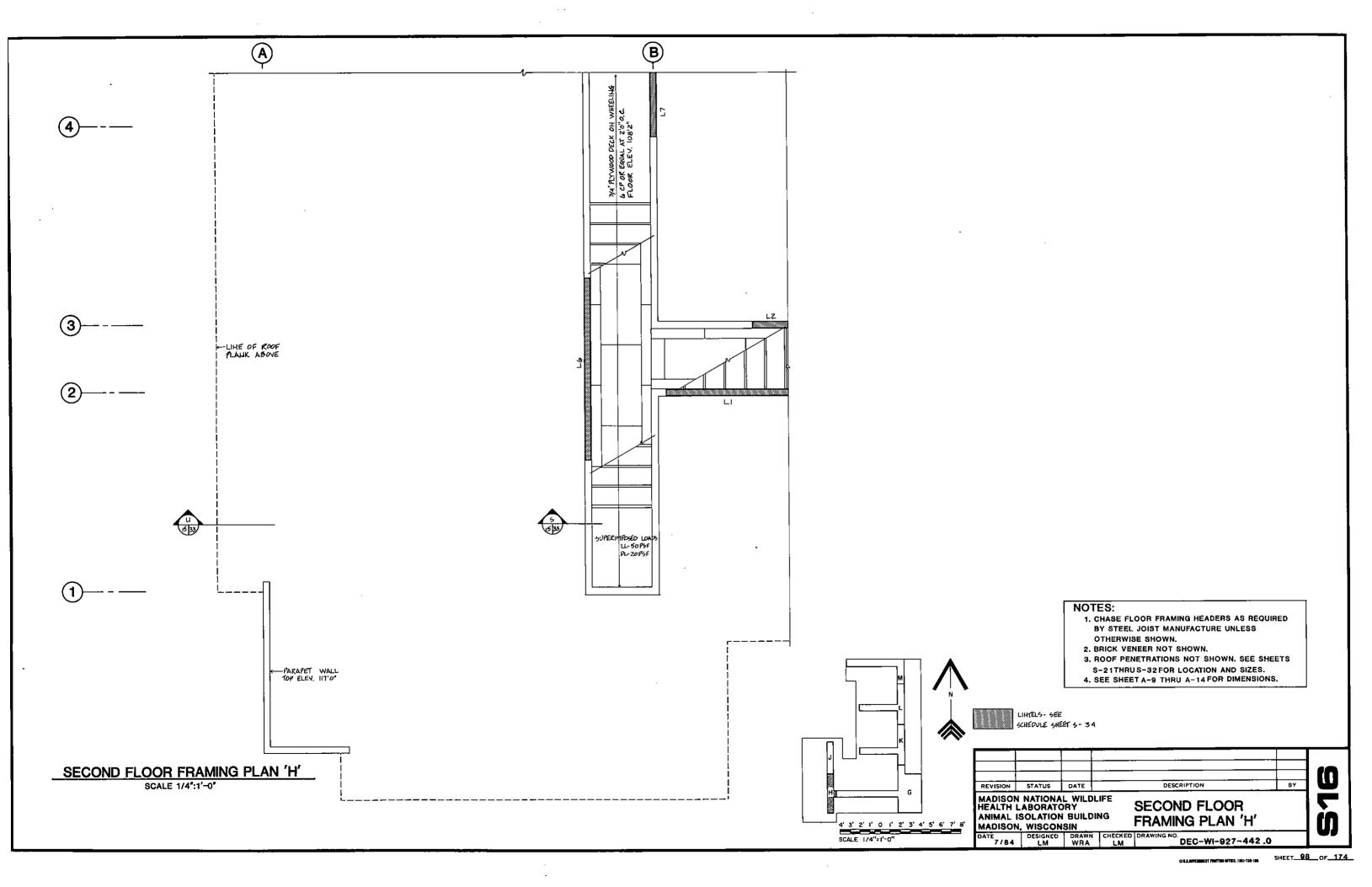


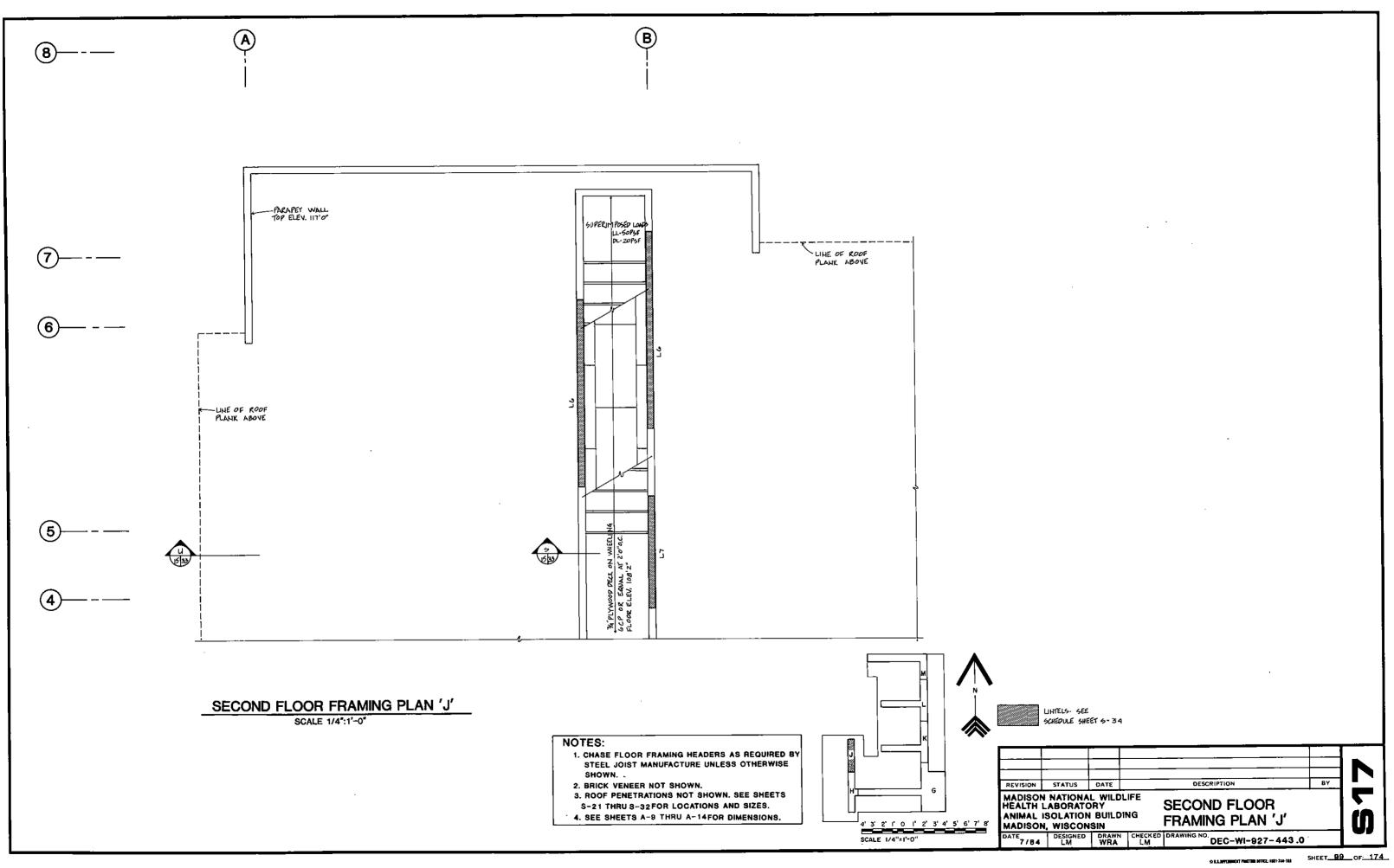


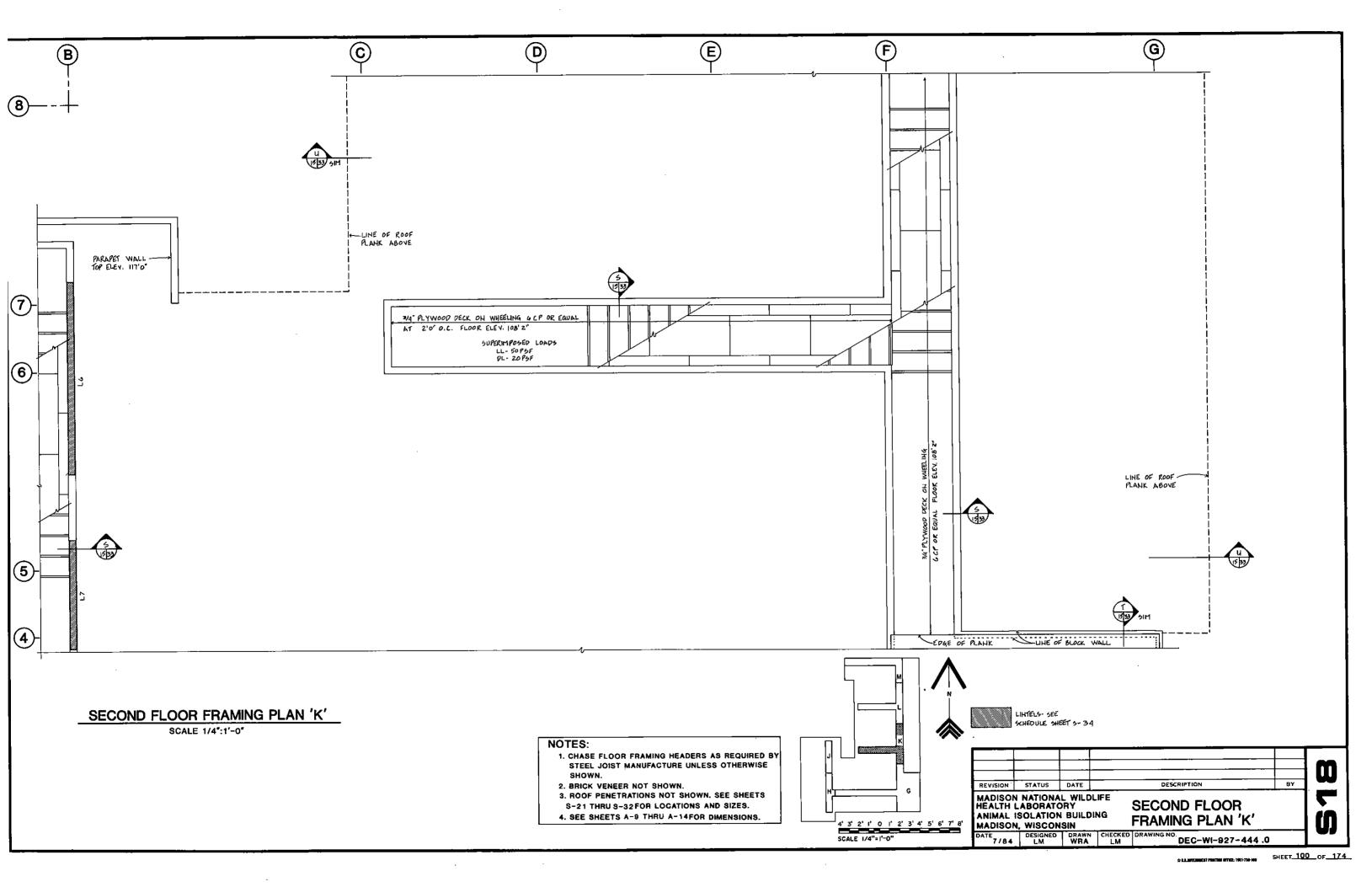


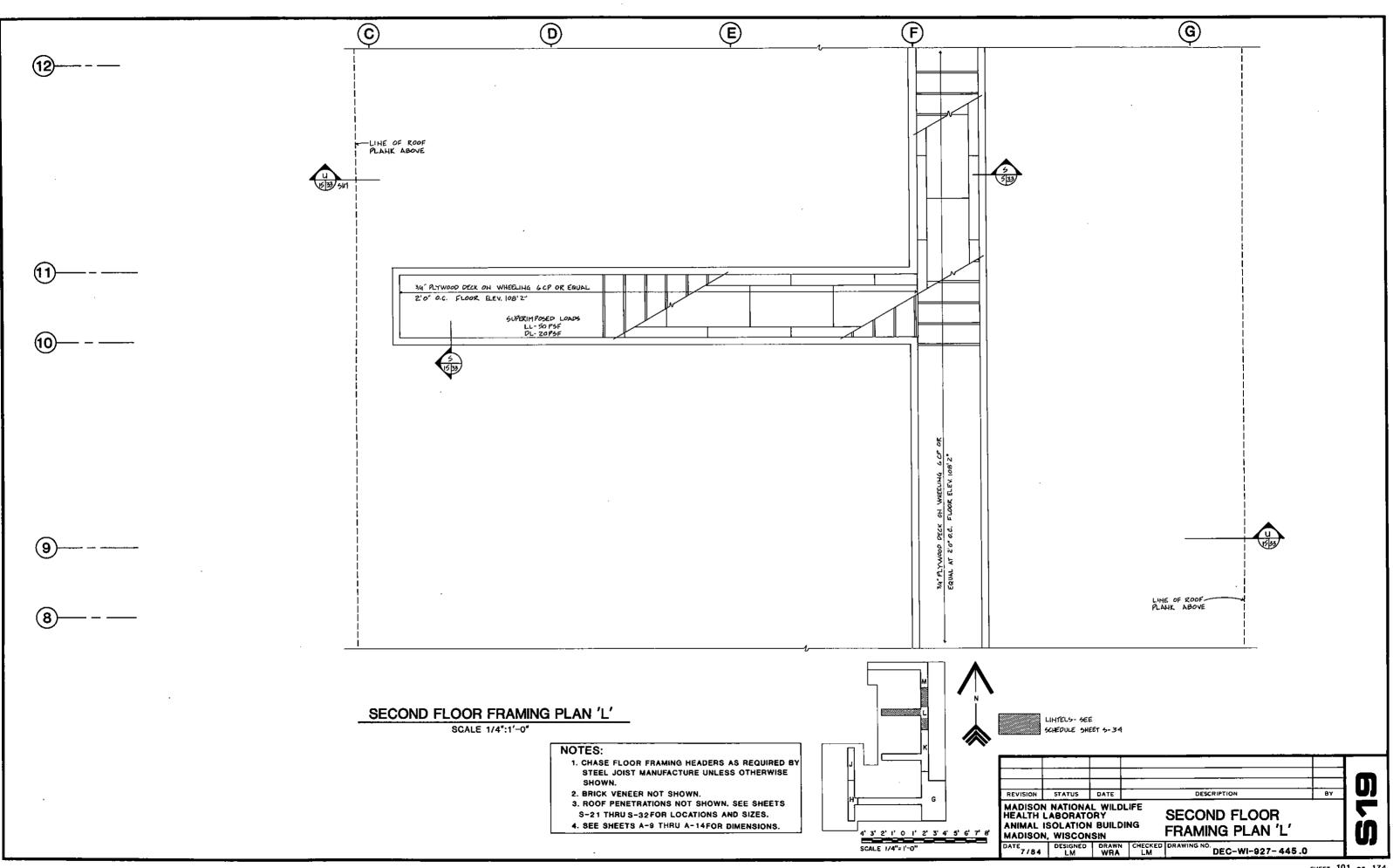


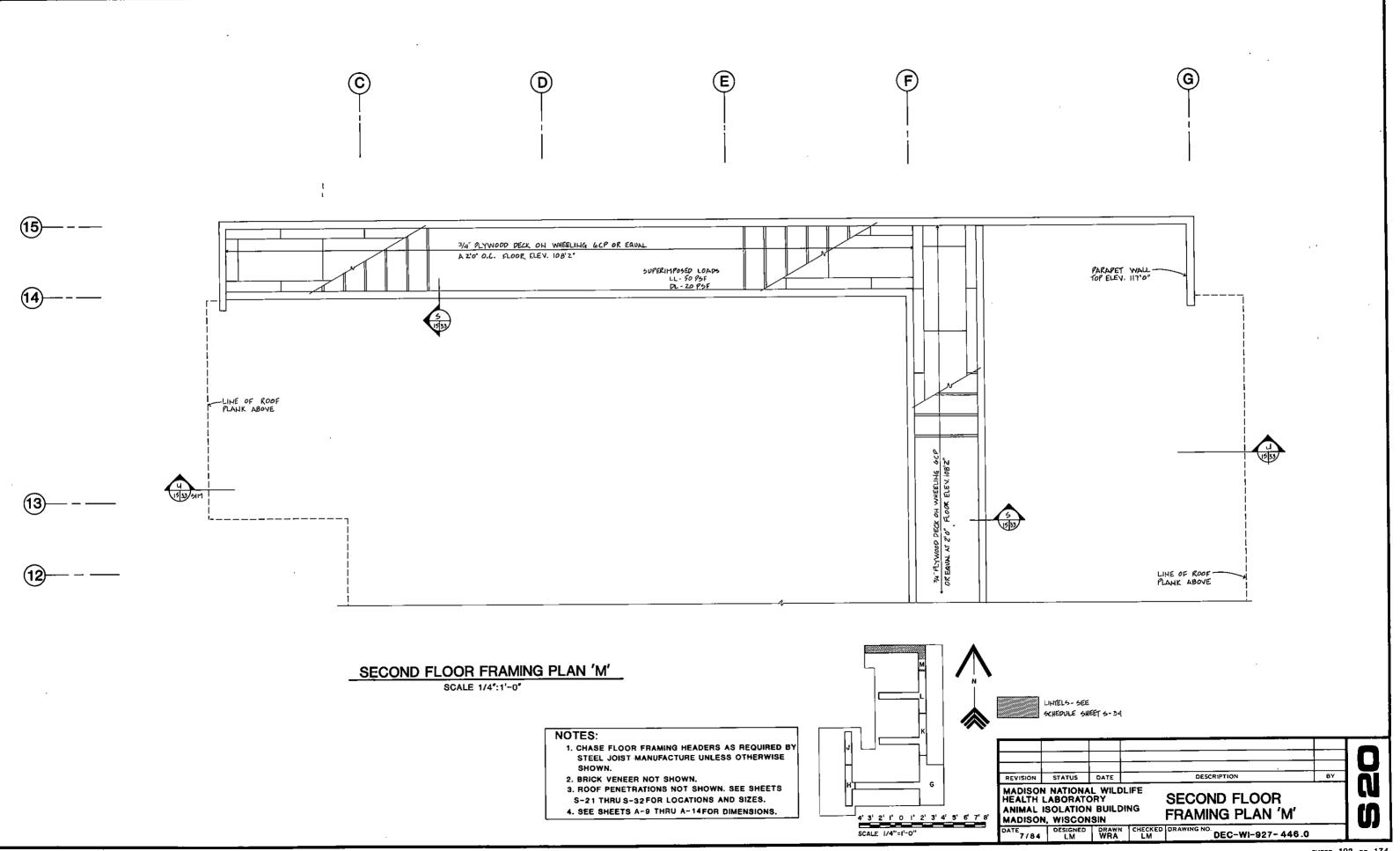


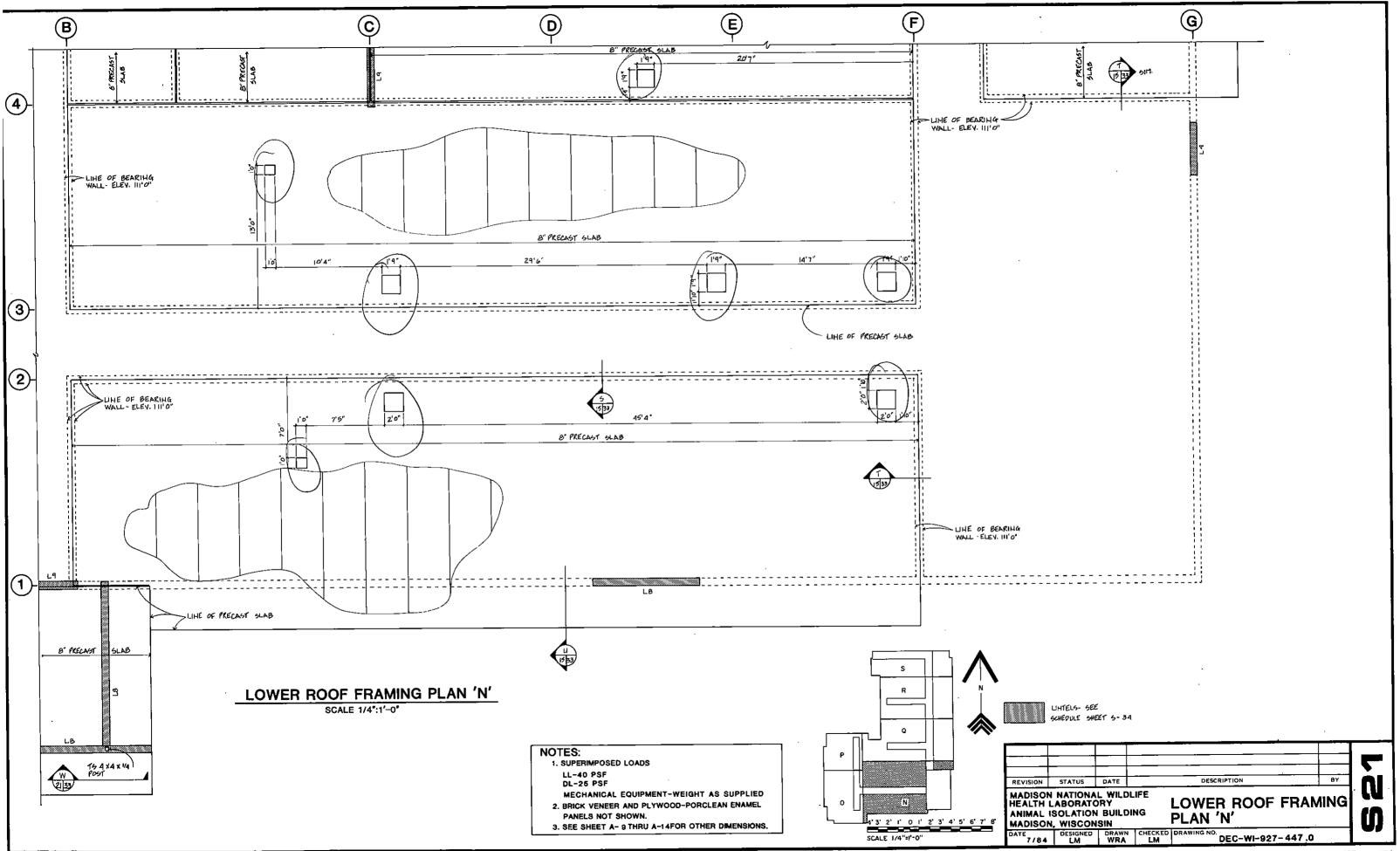


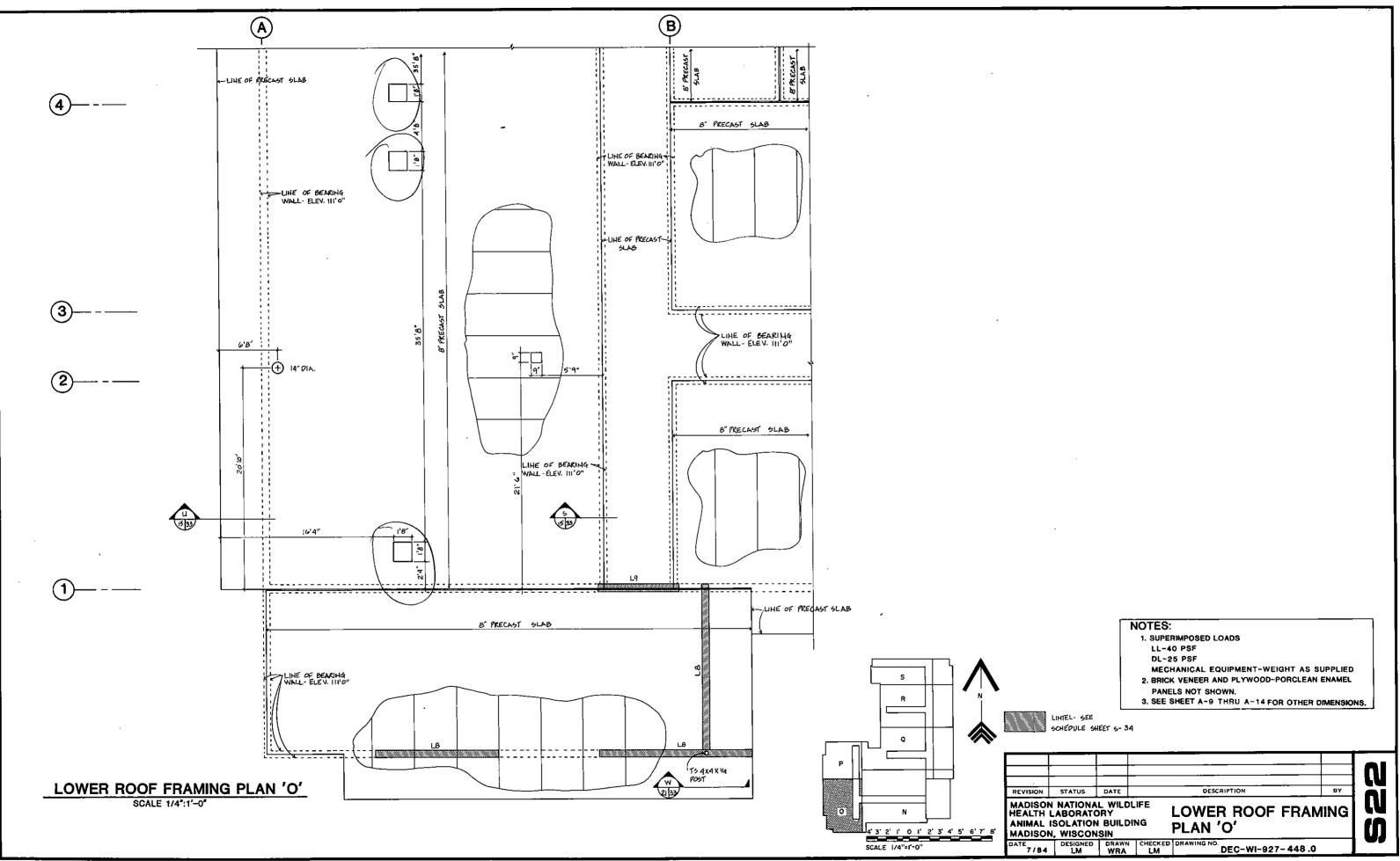


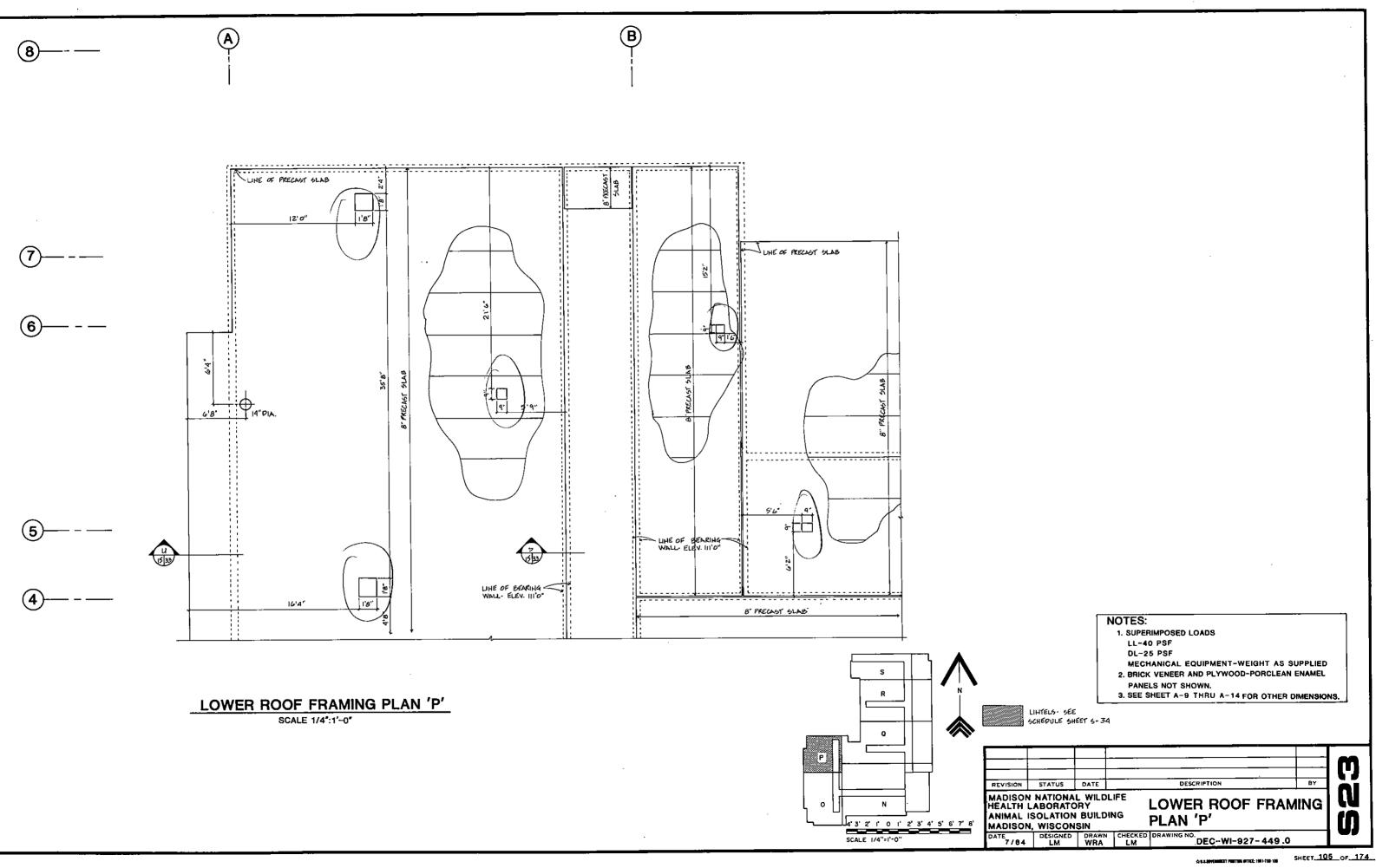


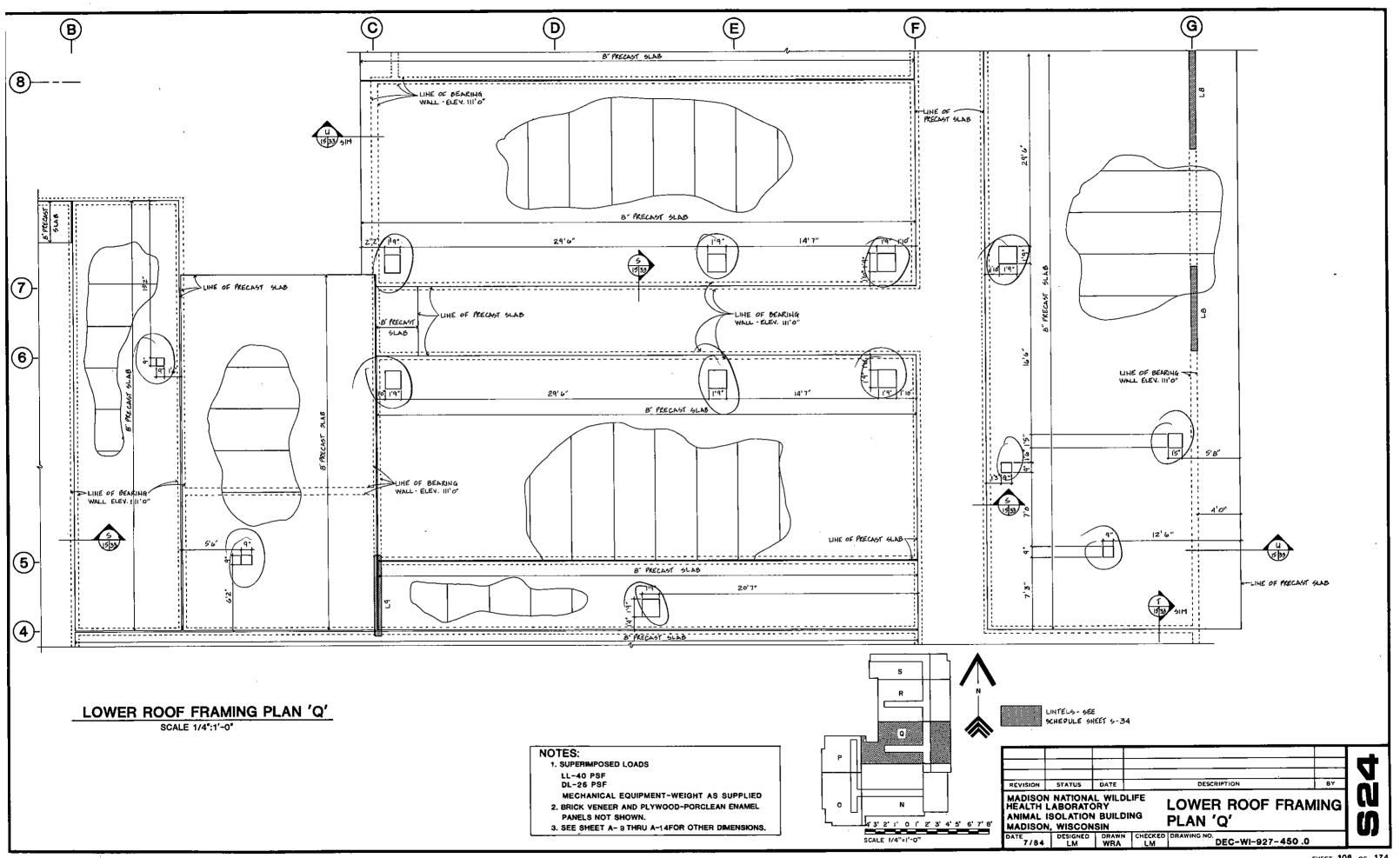


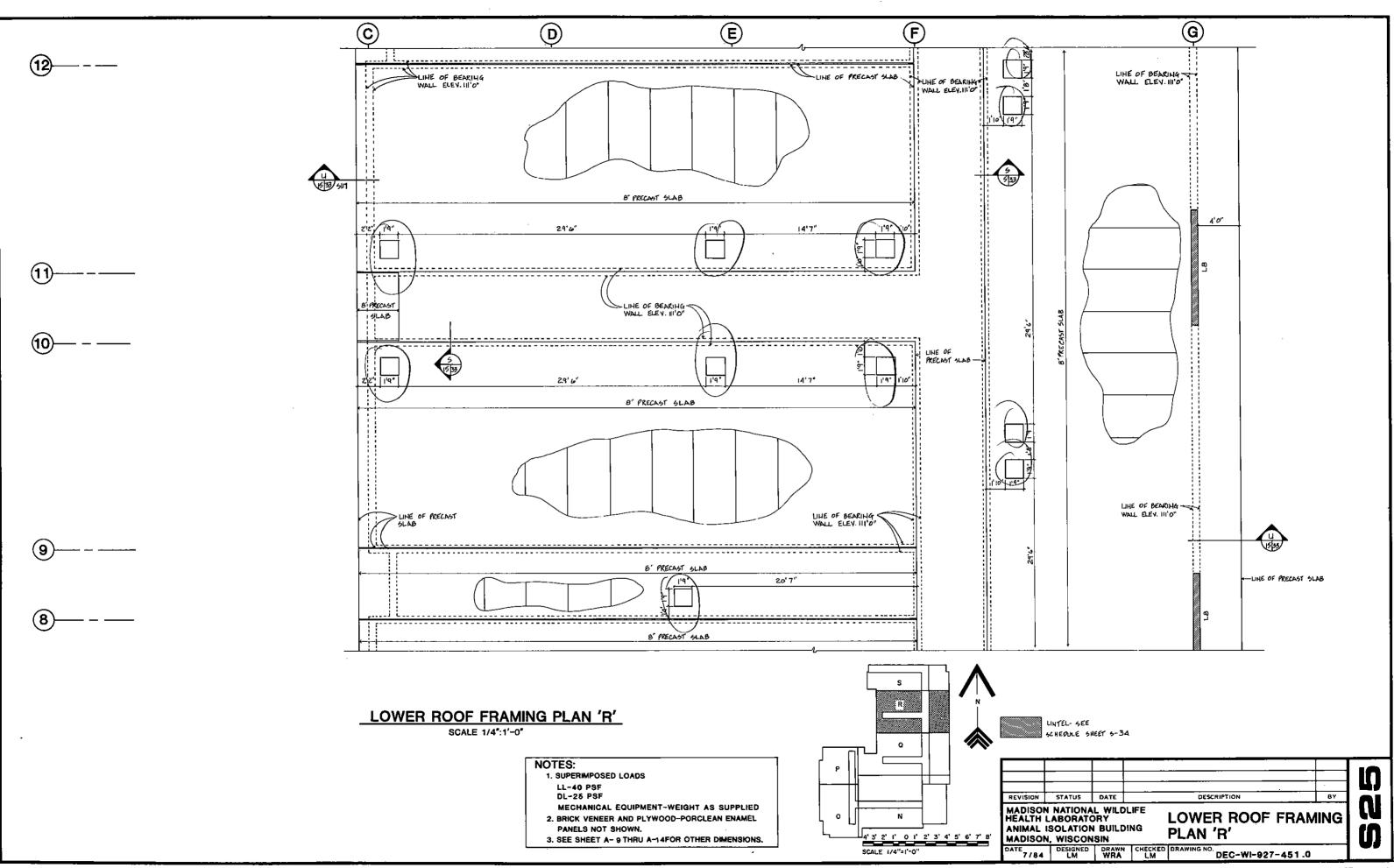


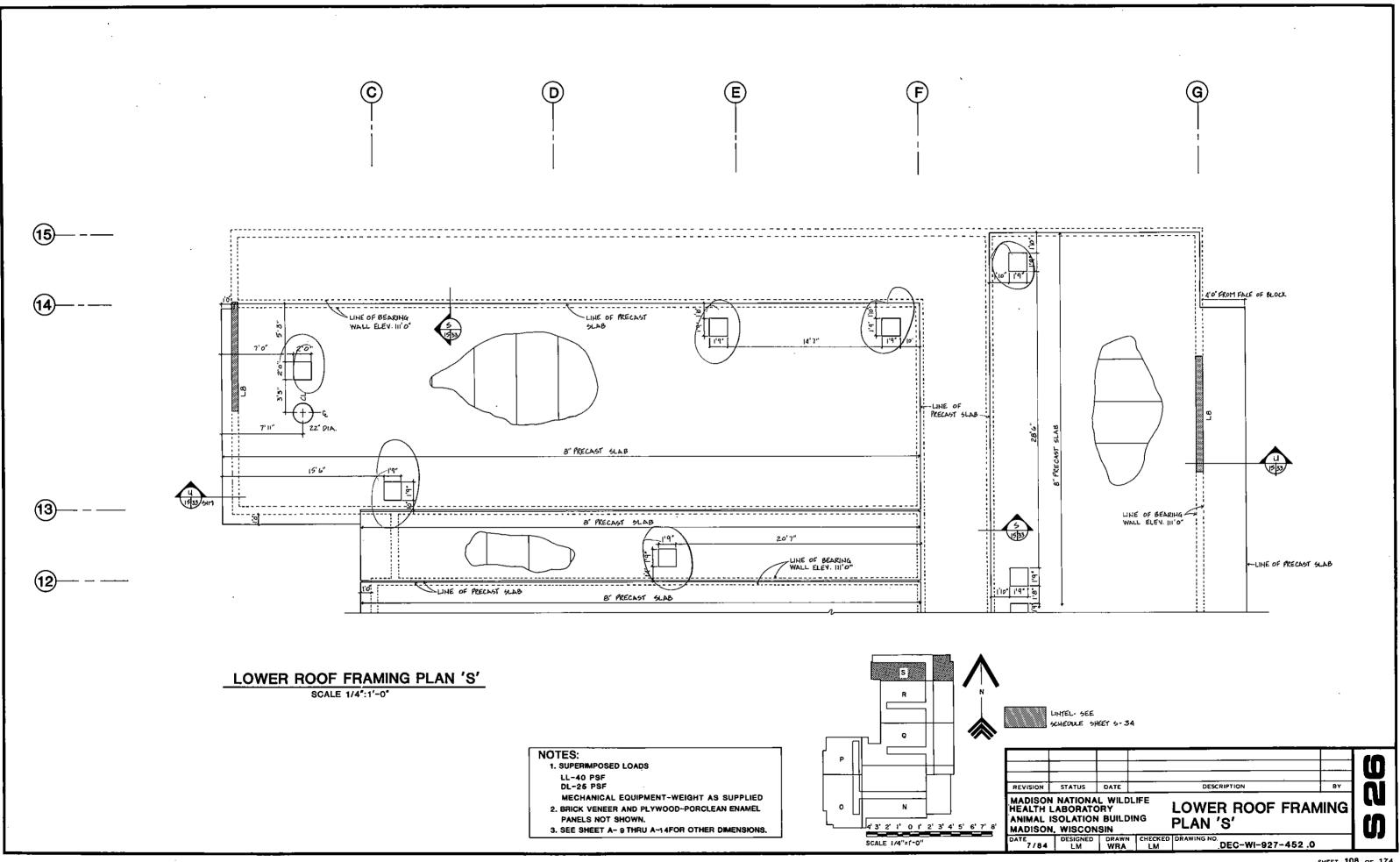


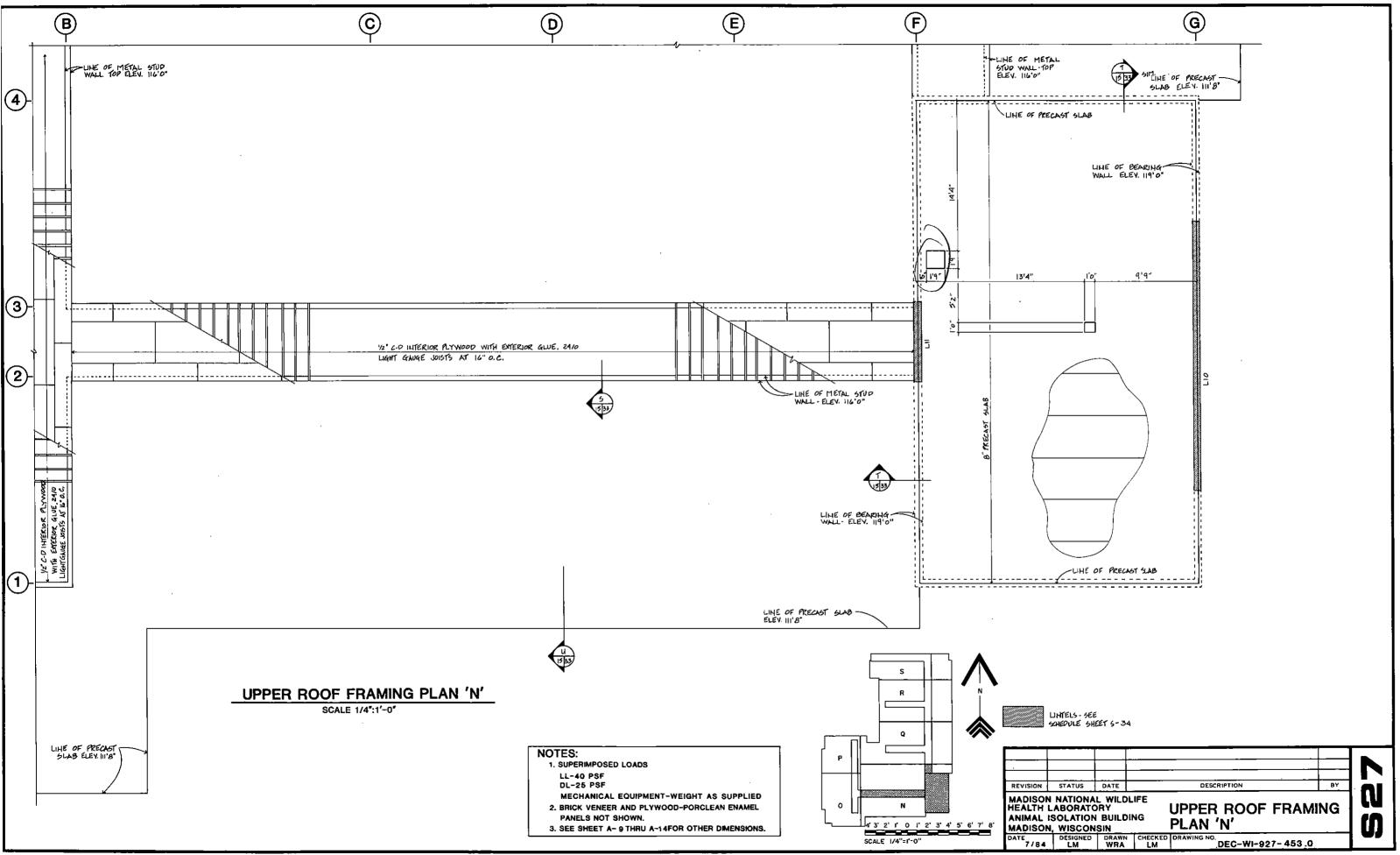


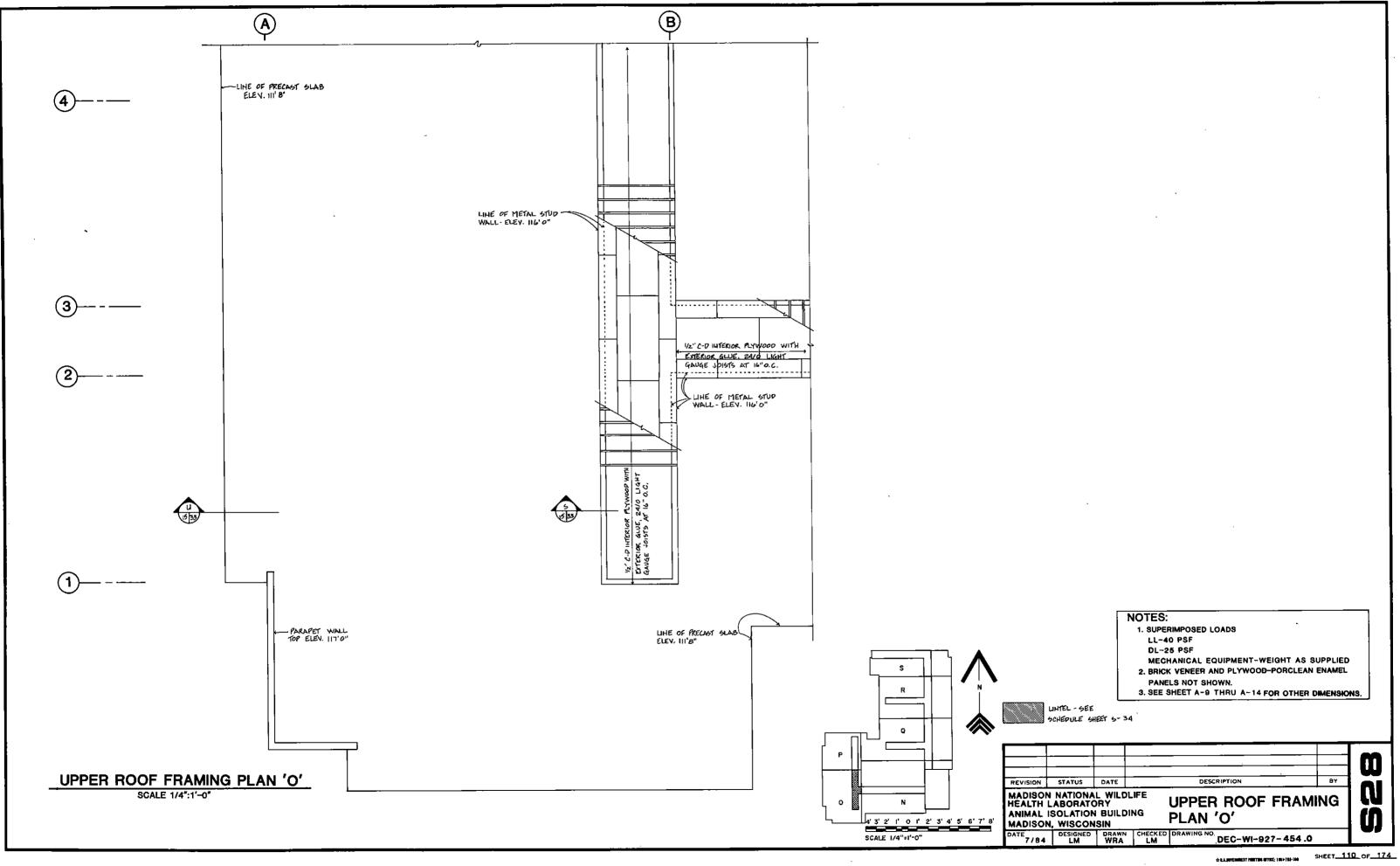


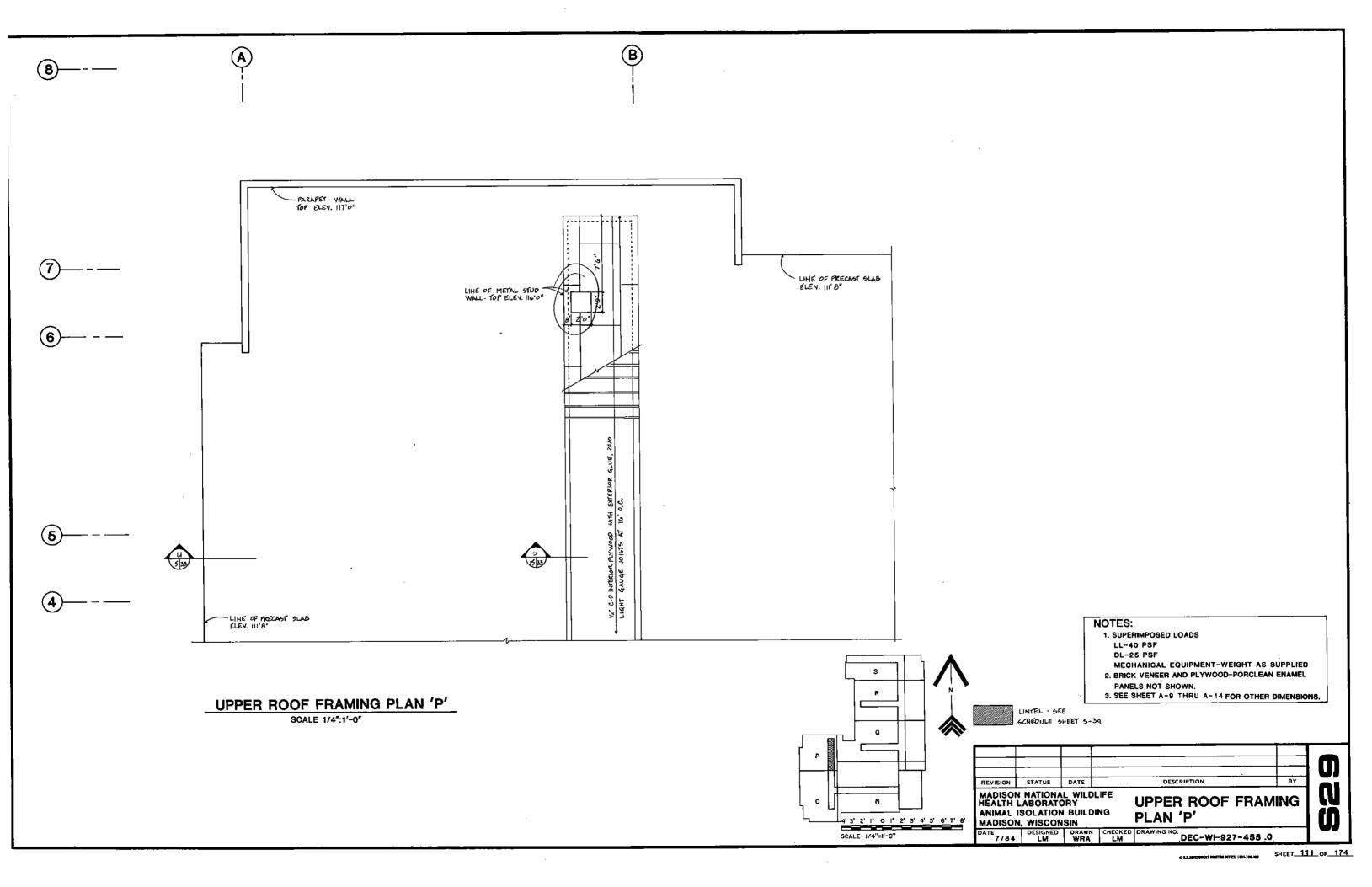


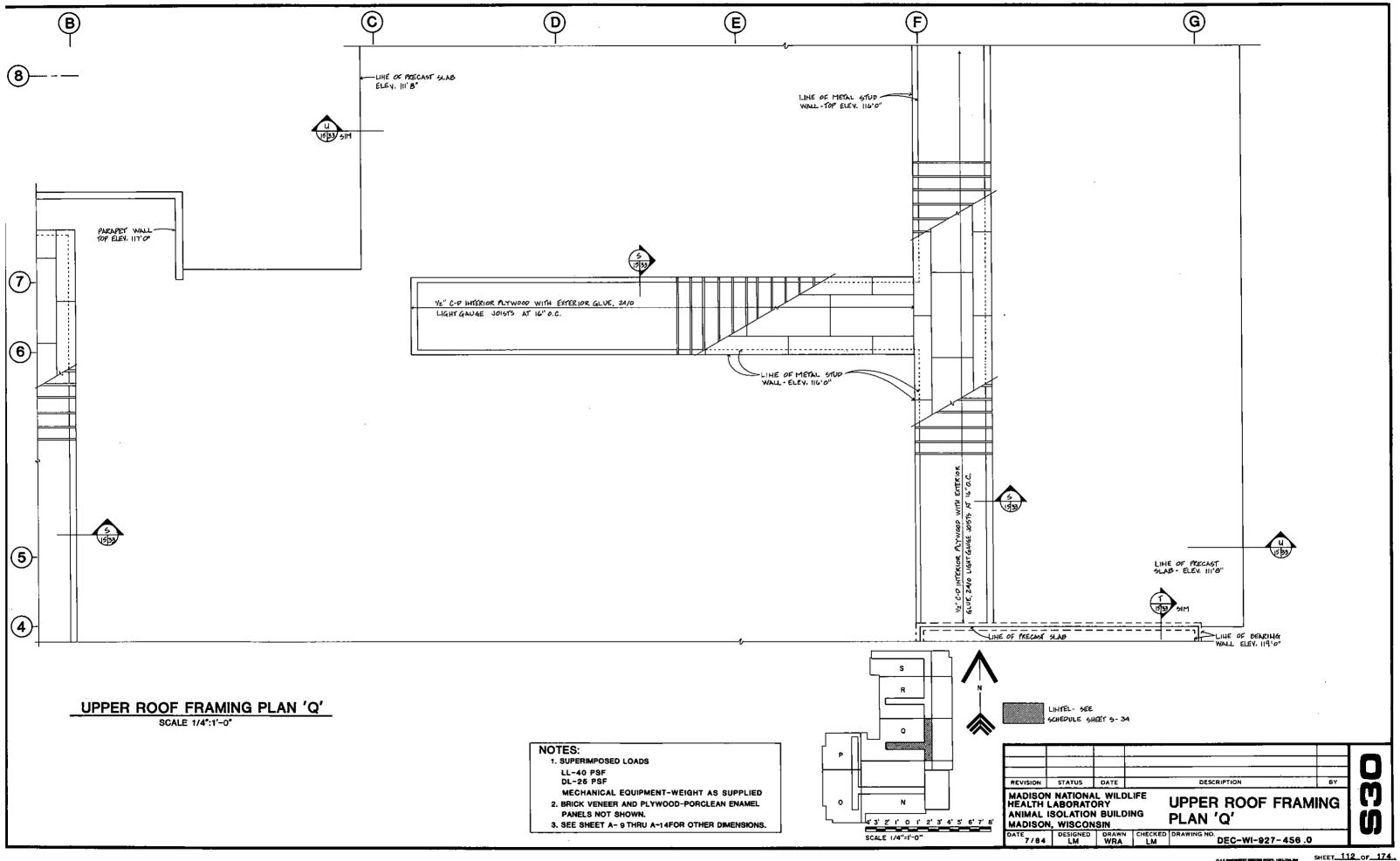


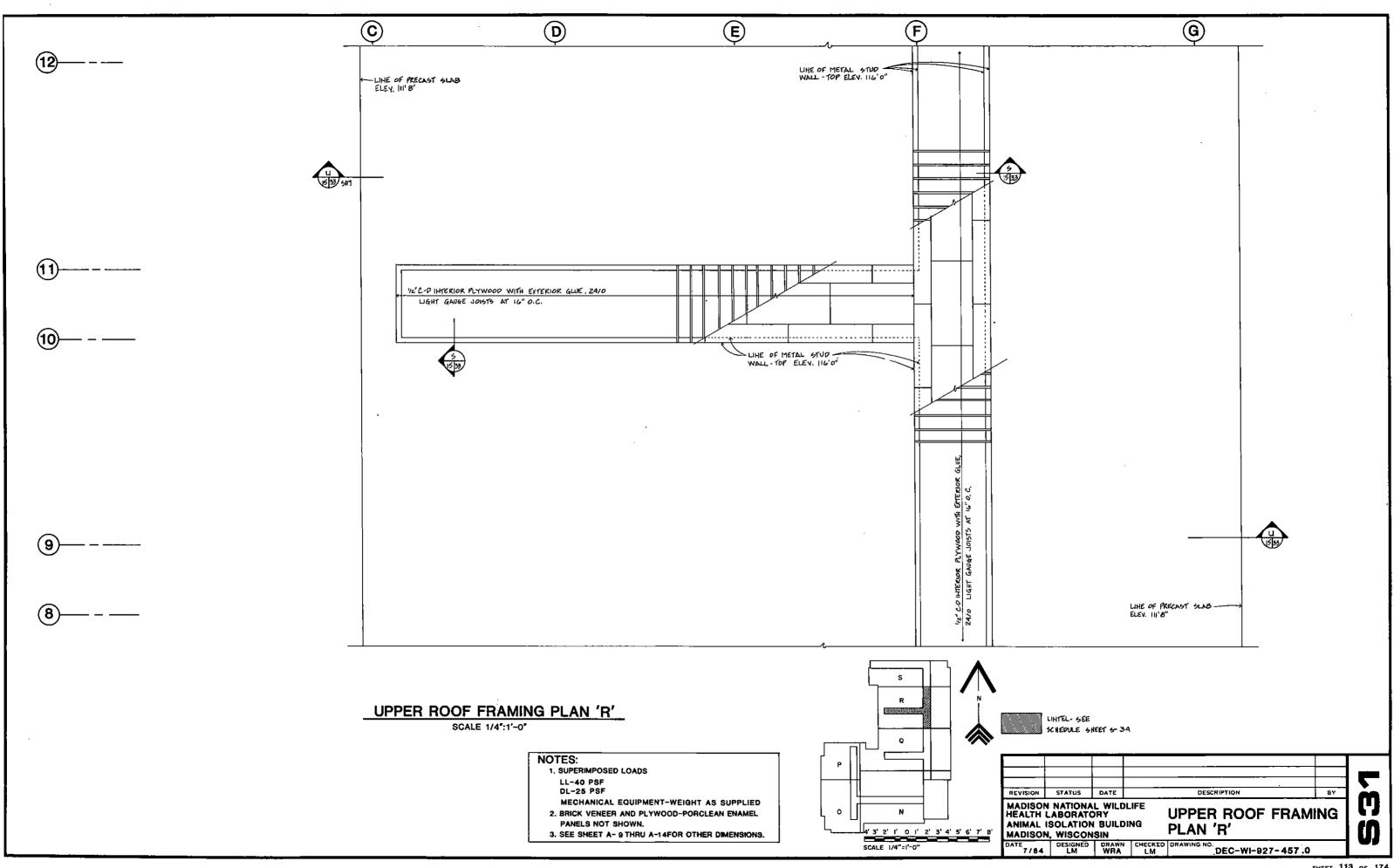


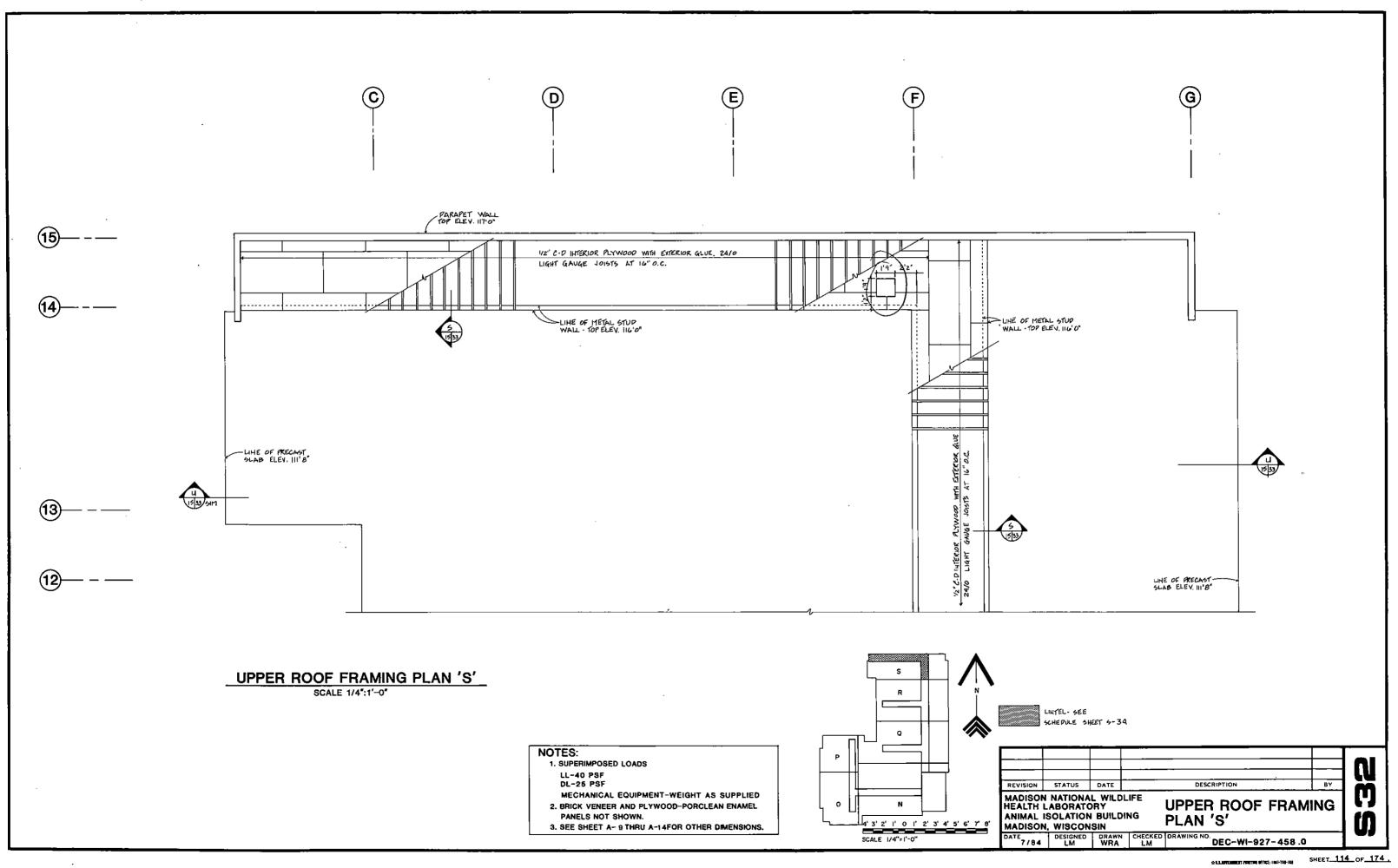


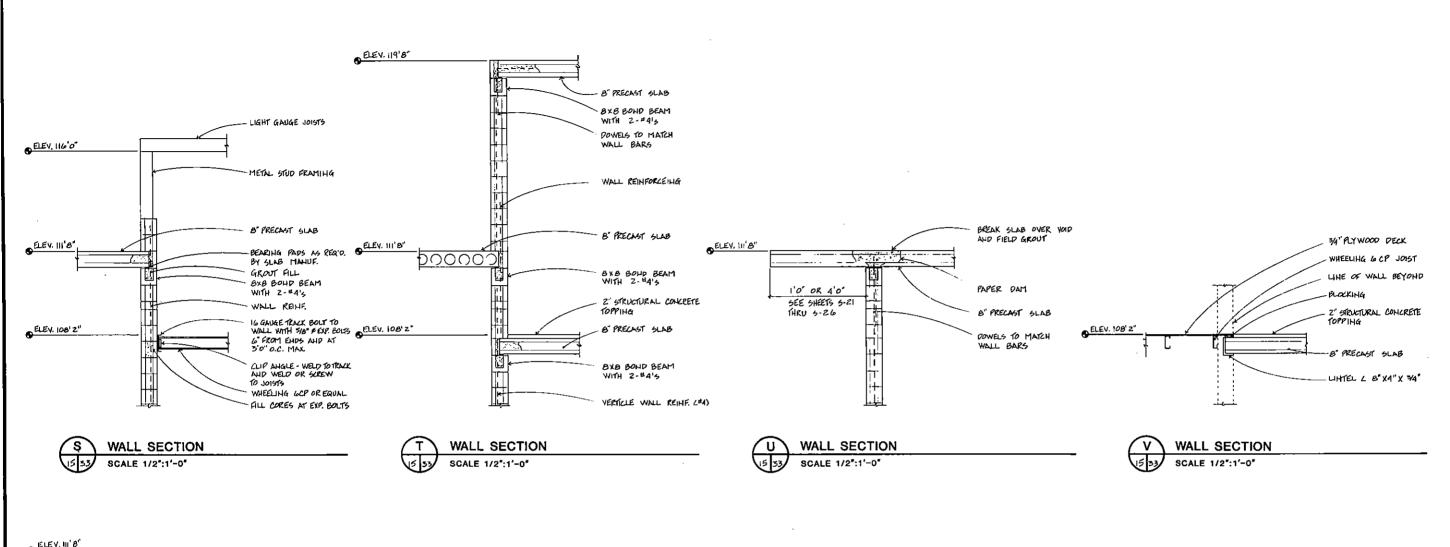


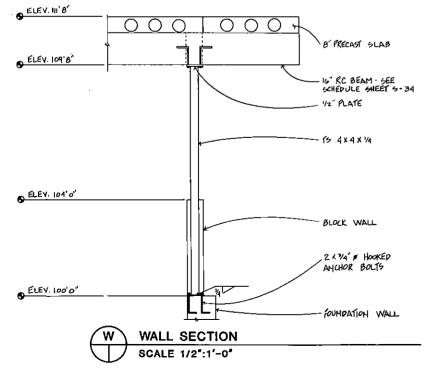


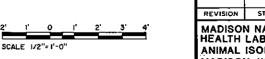




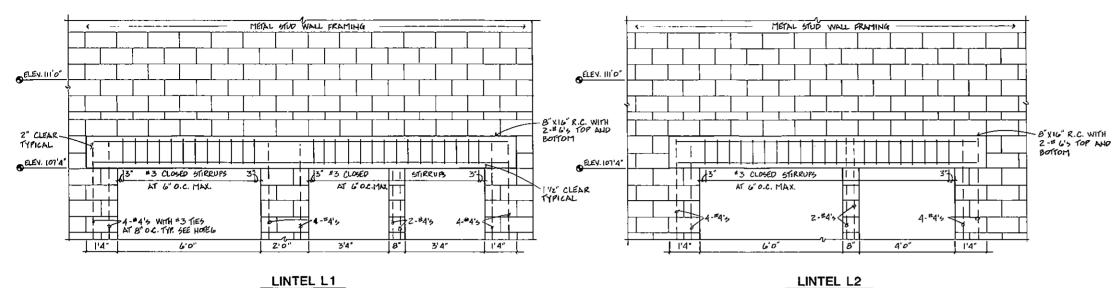






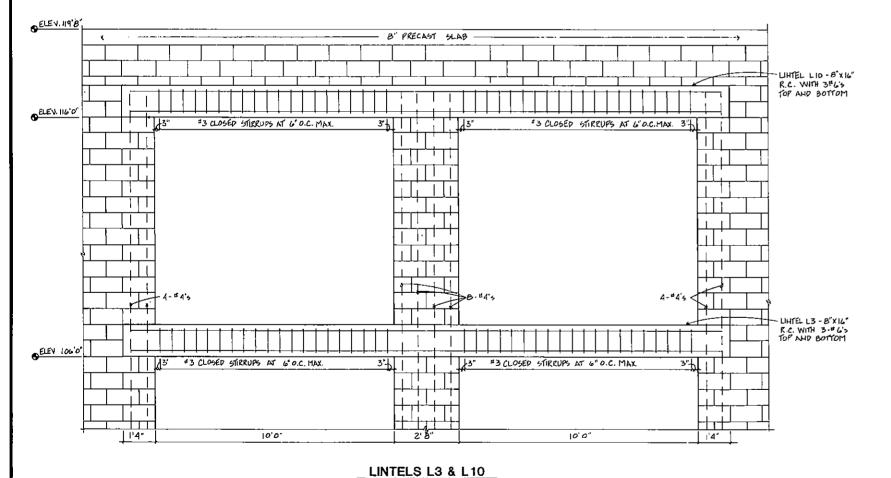


				·	
REVISION	STATUS	DATE		DESCRIPTION	BY
HEALTH	NATIONA LABORATA ISOLATION	ORY	v	VALL SECTIONS	
MADISO	N, WISCO	NSIN _		<u></u>	
			CHECKED D		



SCALE 1/2":1'-0"

SCALE 1/2":1'-0"



SCALE 1/2":1'-0"

LINTEL SCHEDULE							
LINTEL	TYPE	BEARING ELEVATION	REMARKS				
Ţ	B'XIL" RC WITH 2 HC'S TOP AND BOTTOM AND #3 STIRRUPS AT L"O.C. MAX.	107'4'	SHEET S-15 15-16				
L2	B"X IL" RC WITH 2-46'S TOP AHD BOTTOM AHD #3 STIRRUPS AT 6" O.C. MAX.	רסן 4"	SHEET 5-15 \ 5-16				
L3	8" X IC" (C WITH 3-" 6" S TOP ALLO BOTTOM ALLO #3 STIRRUPS AT 6" O.C. MAX.	106'0"	SHEET 5-15				
L4	LB" X 4" X 3/4"	107'4"	SHEET 5-21				
L5	LB" X4" X >>4"	רסן 4"	SHEET 5-15				
Lie	8' X 16' RC WITH 2-46'S TOP AND BOTTOM AND 4 3 STIRRUPS AT 6'0.C. MAX.	107'4"	SHEET S-16 (HRU S-18)				
L7	B"XIG" EC WITH Z = 44'5 TOP AUD BOTTOM AND \$3 STIRRUPS AT 6"O.C. MAX	107'4"	8"XIL" PILASTER WITH 4-"4"5 EACH EMP SHEET 5-16"HRD5-18				
L8	B'X16" RC WITH 2-44'5 TOP AND BOTTOM AND #3 STIRRUPS AT 6"O.C. MAX.	(09.8,	8" X 16" PLASTER WITH 4-#4'S EACH END SHEET 5-21'11(D)5-26				
L9	8"x16" RC WITH Z-E4's TOP AUD BOTTOM AND #3 STIRRUPS AT 6"O.C. MAX.	109'8"	8" X 16" PILASTER WITH 4-44'S EACH EMP SHEET 5-21 THRUSZA				
LIO	8" X16" RC WITH 3-46'5 TOP AHD BOTTOM AND 43 STIRRUPS AT 6"O.C. MAX.	316,0,	SHEET 3-27				
LII	B" X IL" RC WITH 2-44'S TOP AND BOTTOM AND #3 STIRRUPS AT 6"O.C. MAX.	116'0"	SHEET 5-27				
LIHTELS	4'0" AND GREATER HOT OTHERWISH	E DETAILED - 8"X IC" WITH 2-#4"5	•				
LIHTELS	LESS THAH 4'0" - 8" X 8" WITH	2-54'5					

MADISON, WISCONSIN

DATE DESIGNED DRAWN CHECKED DRAWING NO. 7/84 LM WRA LM

SCALE 1/2"= 1'-0"

REVISION STATUS DATE DESCRIPTION B	MADISON NATIONAL WILDLIFE HEALTH LABORATORY ANIMAL ISOLATION BUILDING MADISON WISCONSIN			LINTEL DETAILS AND LINTEL SCHEDULE)
	REVISION	STATUS	DATE	DESCRIPTION	В,

DEC-WI-927-460 .0

#4 VERTILLE BAR EACH CUT HORIZOHTAL REIMFORCING SIDE OF CONTROL JOH AT CONTROL JOINT PREFORMED NO CONTROL JOINS

CHALK - BOTH SIDES

JOINT- BOTH SIDES CLOTH AT 16" O.C. TYPICAL PARTITION WALL

TYPICAL BEARING WALL

TYPICAL MASONRY WALL REINFORCING,

TYPICAL MASONRY CONTROL JOINT

TYPICAL PARTITION/BEARING WALL INTERSECTION

MASONRY NOTES:

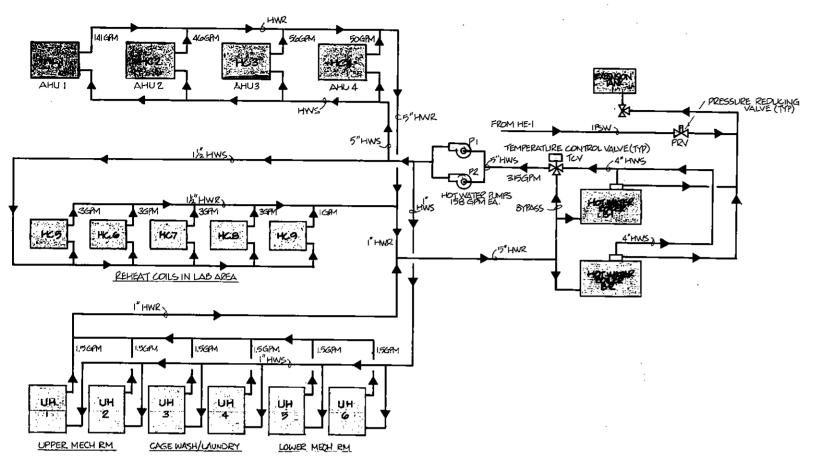
- 1. PROVIDE CJ IN BRICK VENEER WHEREVER MCJ OCCURS.
- 2. PROVIDE CJ IN BOND BEAM WHEREVER MCJ OCCURS, GROOVE BOND BEAM AND CUT ONE BOND BEAM BAR.
- 3. PROVIDE MCJ'S AS SHOWN ON SHEETS A-THRU A- AND AT ALL INTERSECTIONS OF NON-BEARING WALLS WITH BEARING WALLS OR PILASTERS.
- 4. PROVIDE VERTICLE WALL REINFORCING AS SHOWN ON SHEET S-35 AND IN ADDITION PROVIDE 1-#4,
 - A. BOTH SIDES OF WALL OPENINGS.
 - B. EACH WALL CORNER.
 - C. EACH SIDE OF MCJ's.
- 5. FILL BLOCK CORES AT VERTICLE WALL REINFORCING.
- 6. PROVIDE #3 HORIZONTAL TIES AT 8" O.C. WHEREVER VERTICLE REINFORCING IS REQUIRED UNDER LINTEL BEAM BEARINGS.
- 7. PROVIDE 8"x8" BOND BEAM WITH 2-#4's AT THE TOP OF ALL WALLS AND AT FLOOR BEARINGS UNLESS OTHERWISE SHOWN.

DESCRIPTION REVISION STATUS DATE MADISON NATIONAL WILDLIFE MASONRY DETAILS

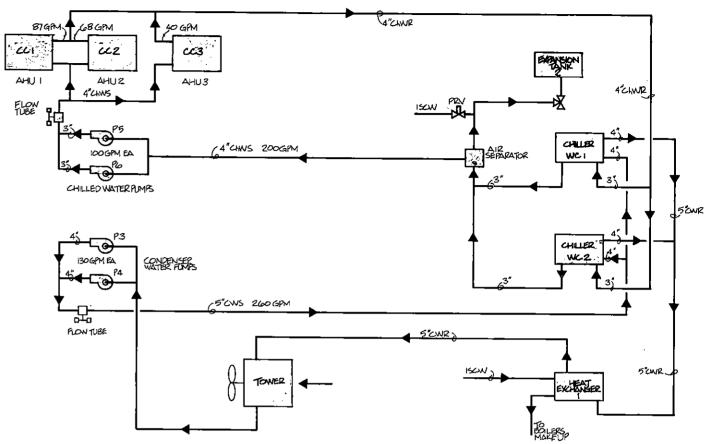
HEALTH LABORATORY ANIMAL ISOLATION BUILDING **AND MASONRY NOTES** MADISON, WISCONSIN DATE DESIGNED DRAWN CHECKED DRAWING NO

SHEET 117 OF 174

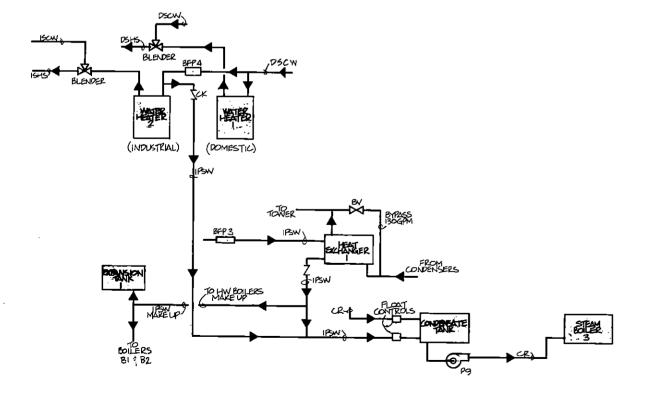
DEC-WI-927-461.0



The state of the s



HOT WATER PIPING



HEAT CONSERVATION PIPING

LEGEND

AIR HANDLING UNIT

UH UNIT HEATERS CHILLED WATER RETURN CHMP CHILLED WATER SUPPLY ChWS CWR CONDENSEL WATER RETURN CWS CONDENSER WATER SUPPLY HWR HOT WATER RETURN (SPACE HEATING) HMS HOT WATER SUPPLY (SPACE HEATING) HC HEATING COIL BALANCE VALVE DSHR DOMESTIC SOPT HOT WATER RETURN (POTABLE) DSHS COMESTIC SOPT HOT WATER SLIPPLY (POTABLE) PSCW DOMESTIC SOPT COLD WATER IPSW INDUSTRIAL PRE-HEATED SOFT WATER ISON INDISTRIAL SOFT COLD WATER (NON POTABLE) ISHS INDUSTRIAL SOFT HOT "UPPLY (NON POTABLE) PRE-HEATED SOFT WATER (POTABLE) PHSW

BACKFLOW PREVENTER

NOTE

CHILLED/CONDENSER WATER PIPING

PLACE SCHEMATICS ON THIS SHEET ON MAIN MONITOR PANEL MRA WITH INDICATING LIGHTS

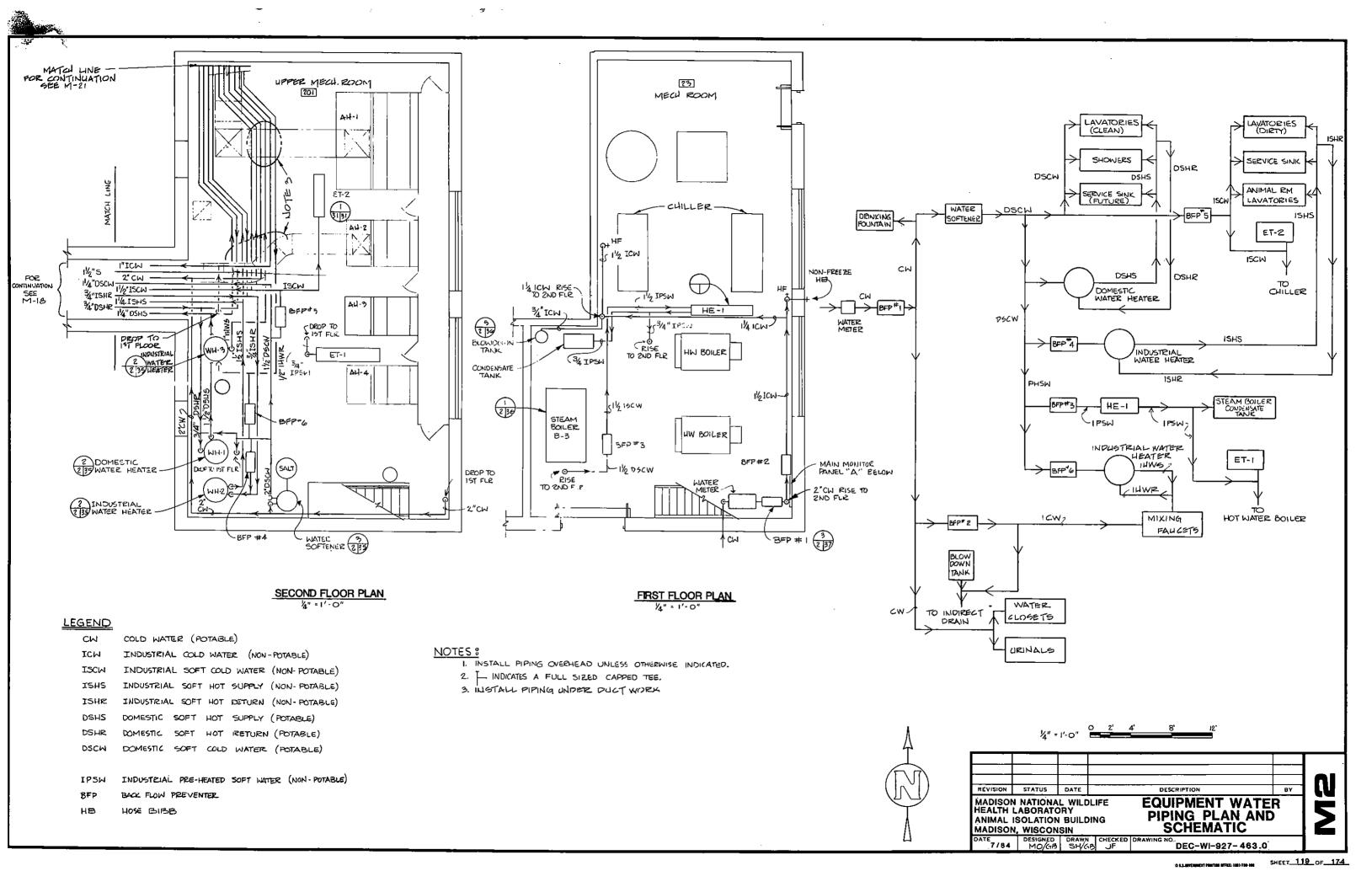
REVISION STATUS DATE DESCRIPTION BY

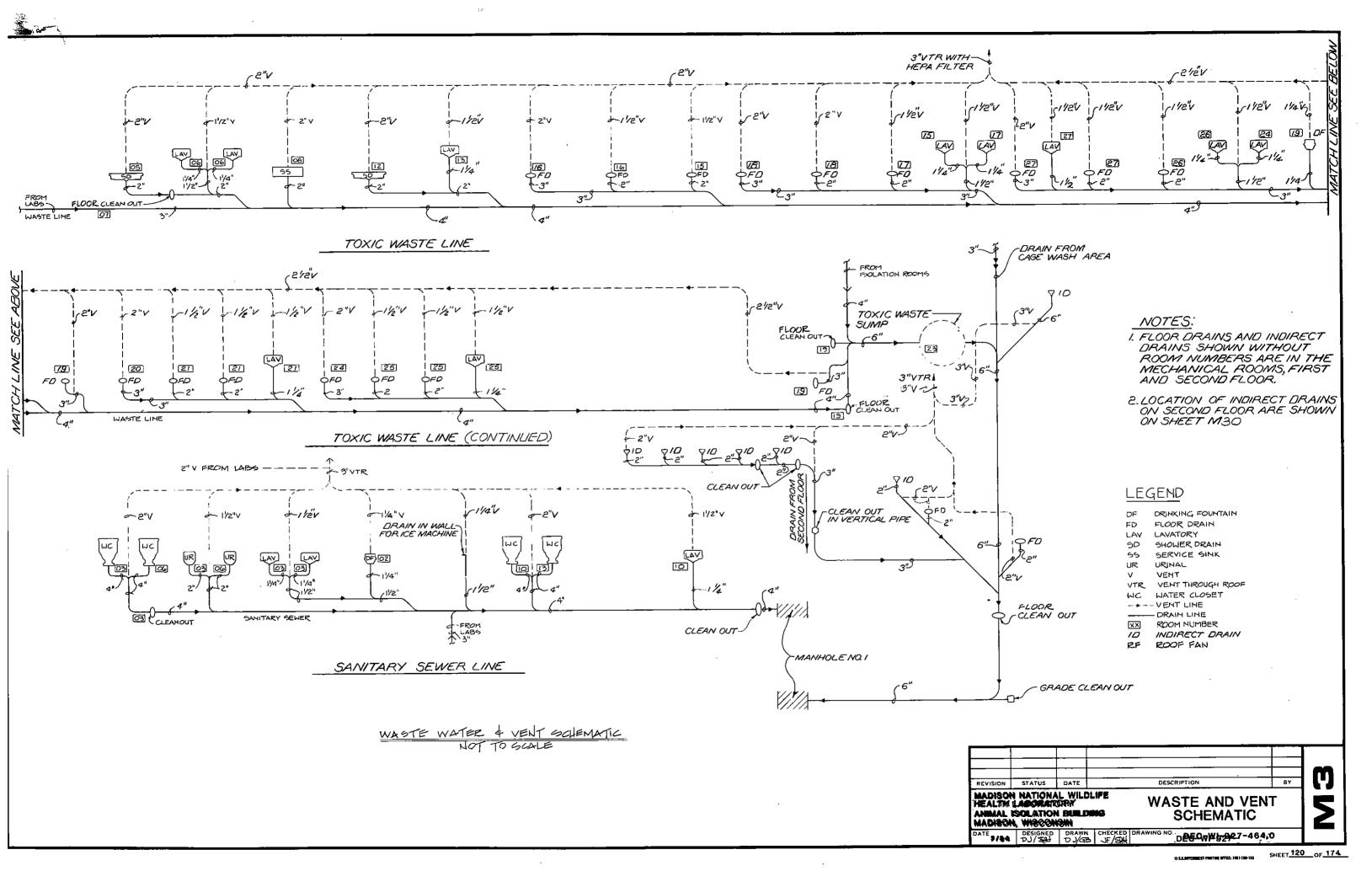
MADISON NATIONAL WILDLIFE
HEALTH LABORATORY
ANIMAL ISOLATION BUILDING
MADISON, WISCONSIN

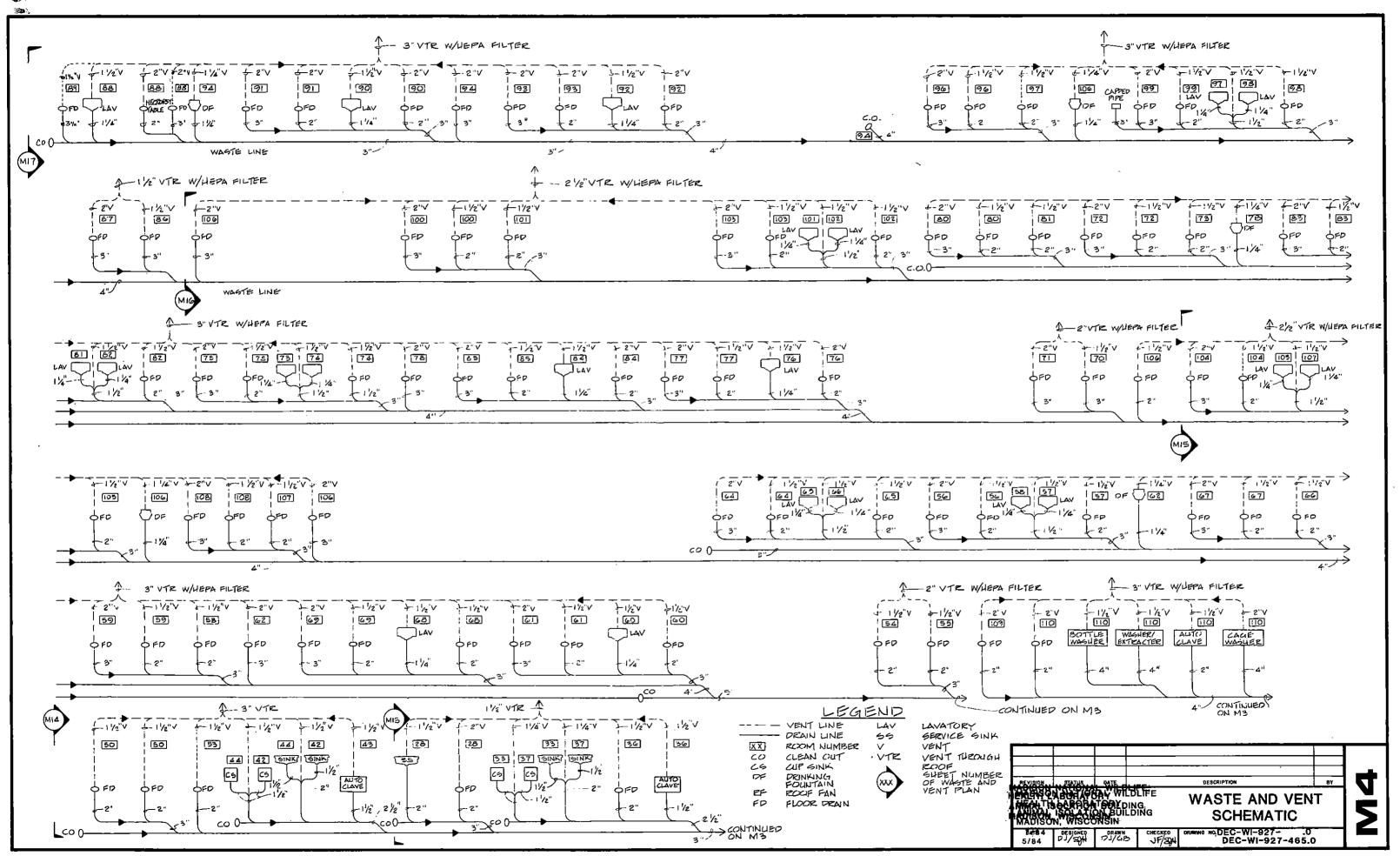
DATE
7/84 WISCONSIN

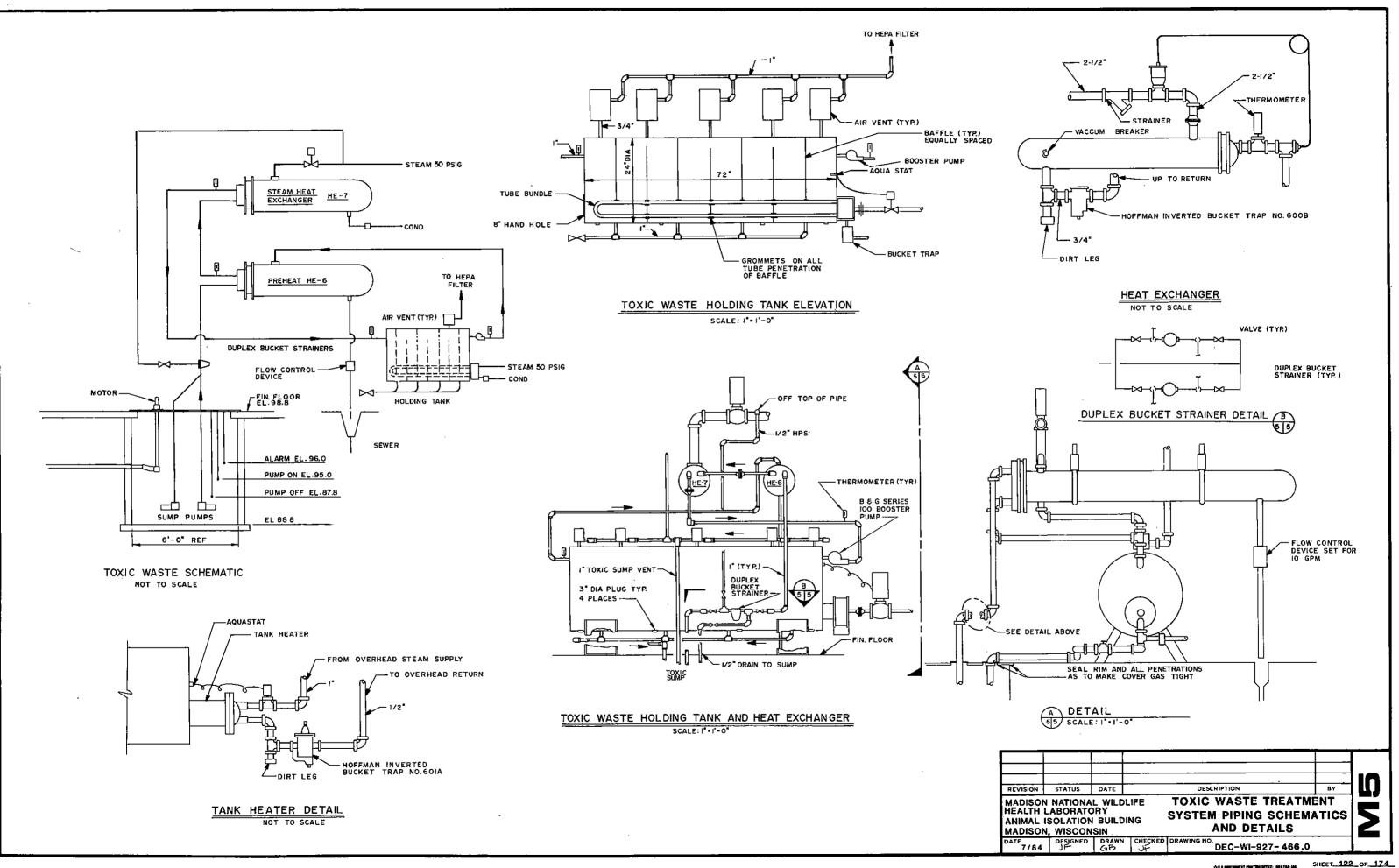
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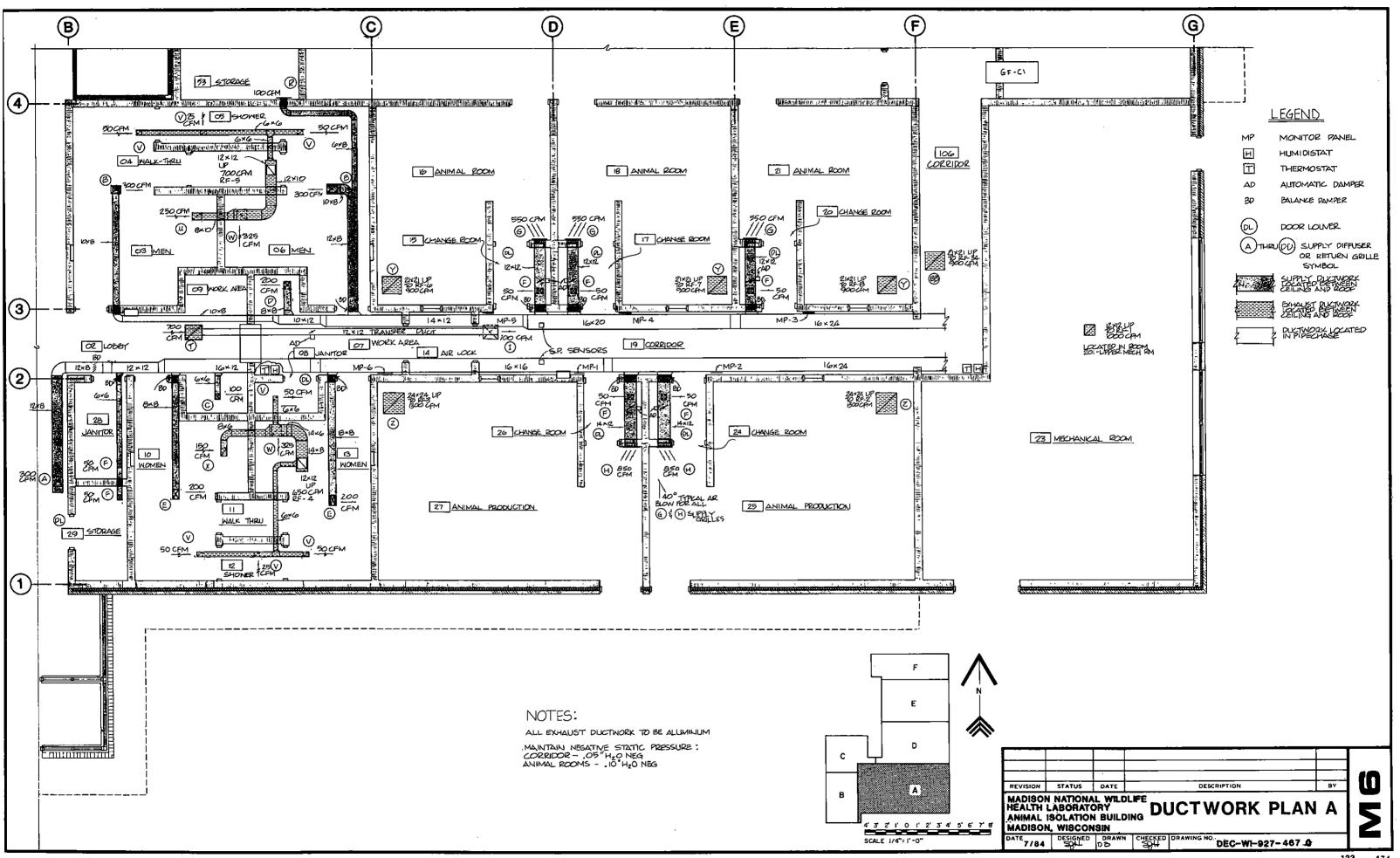
DEC-WI-927-482.0

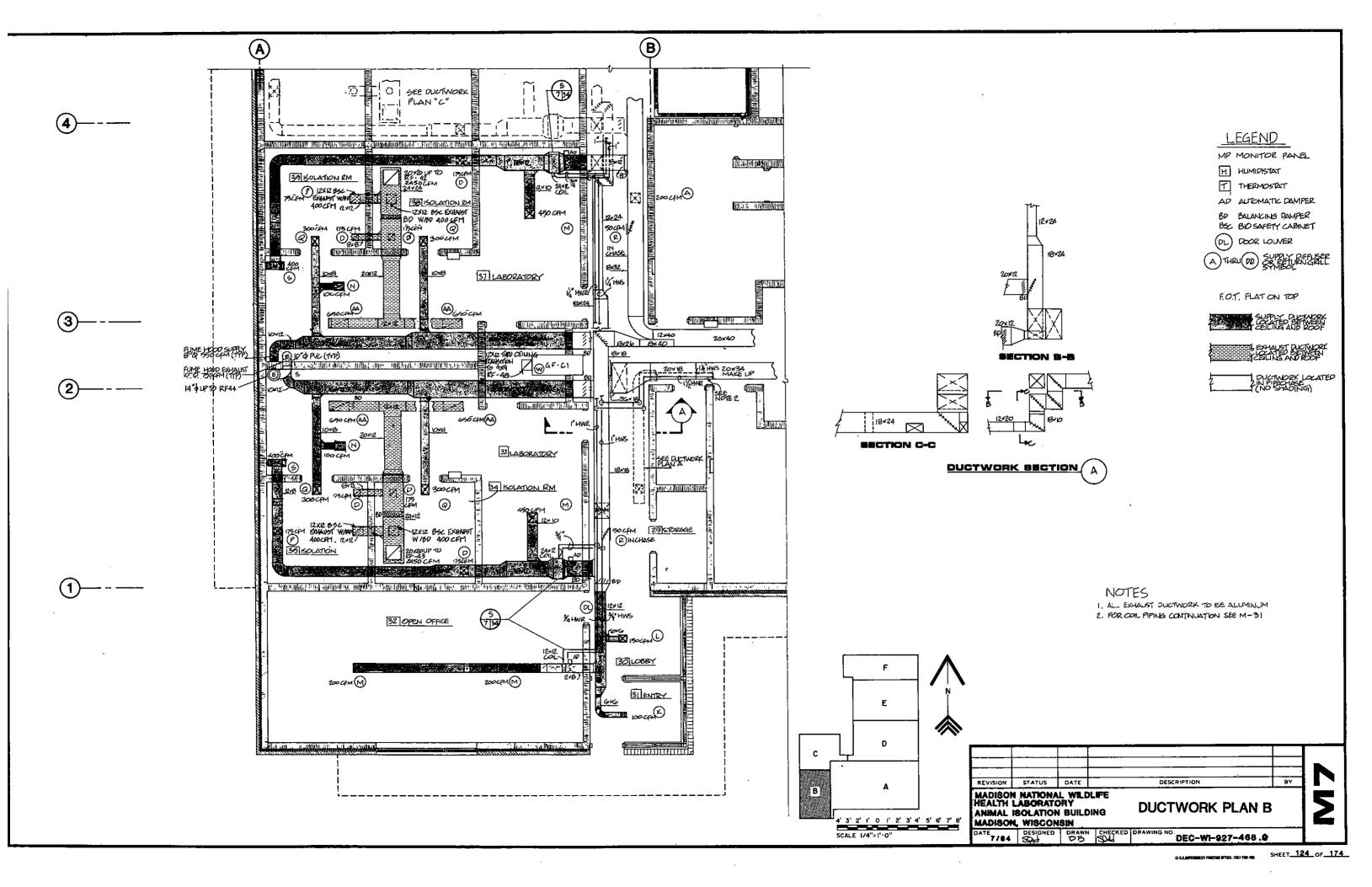


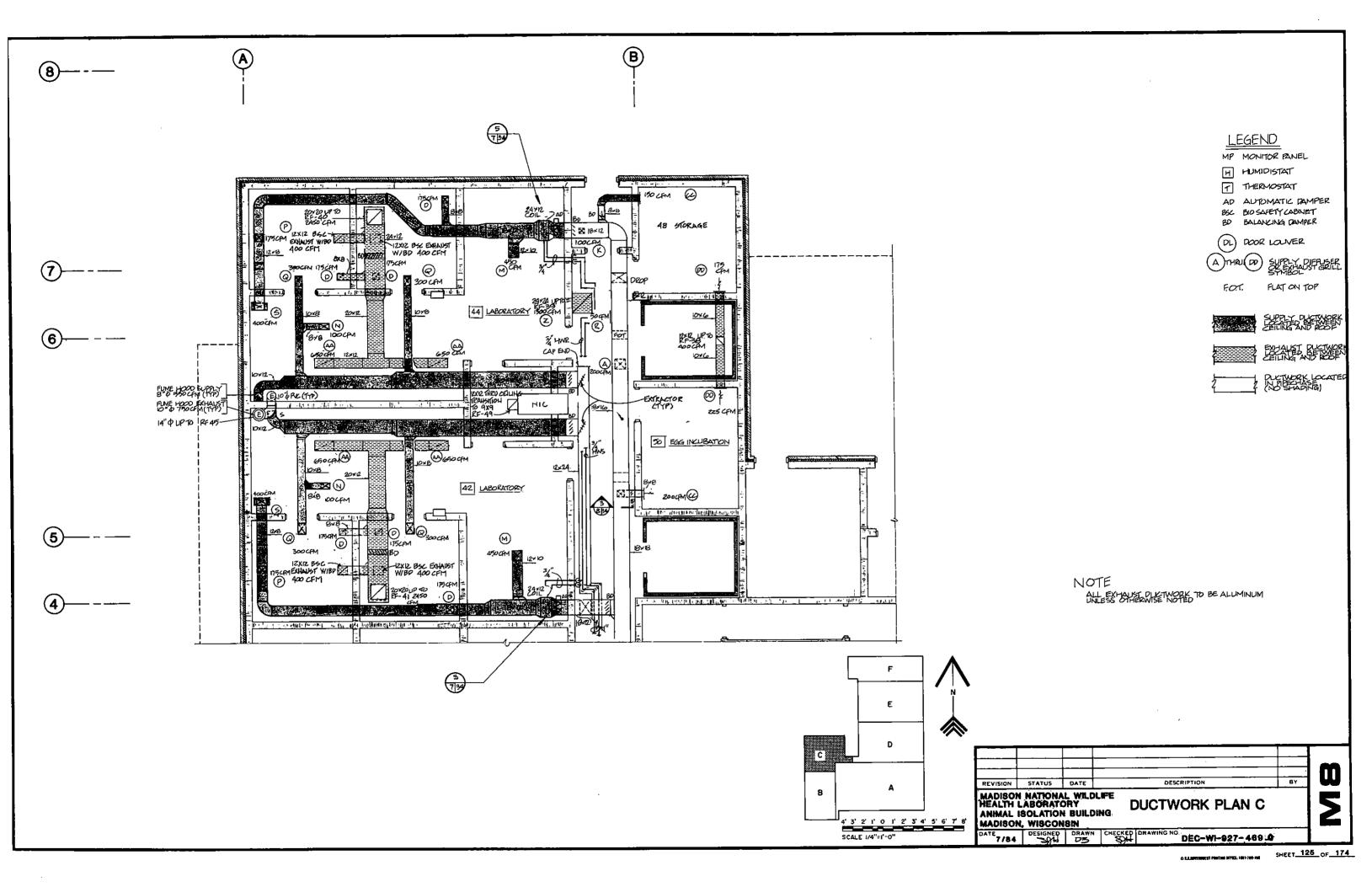


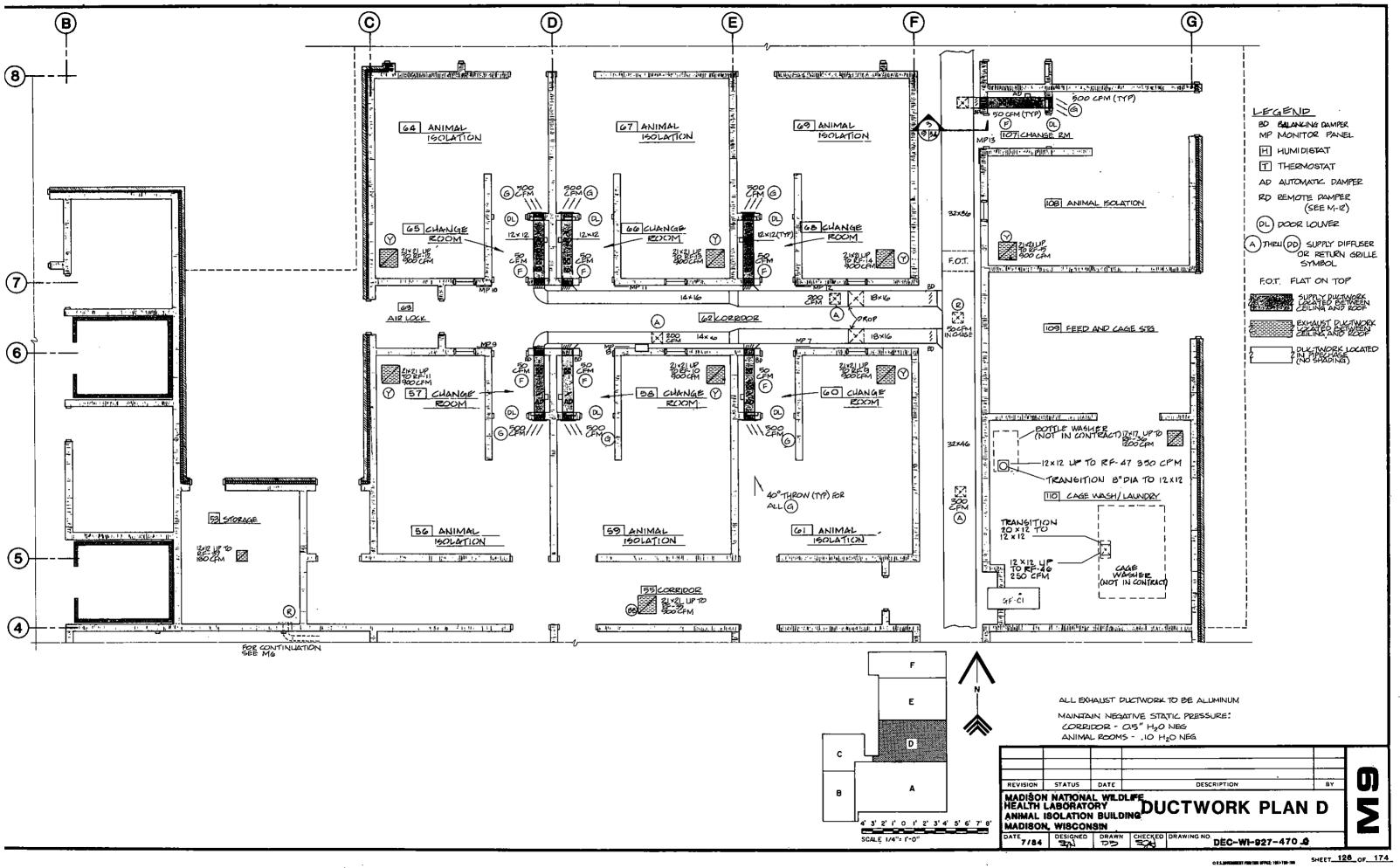


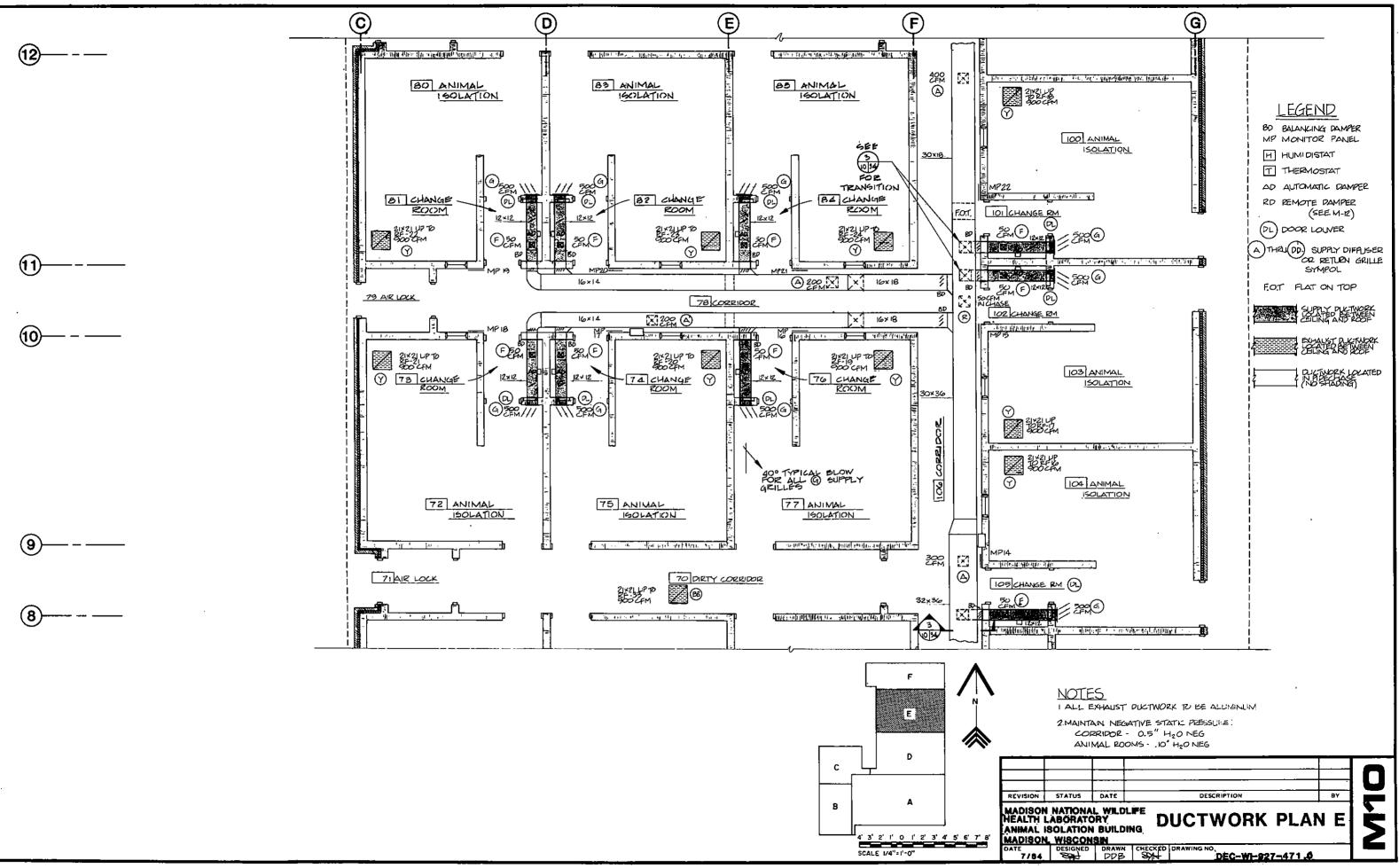


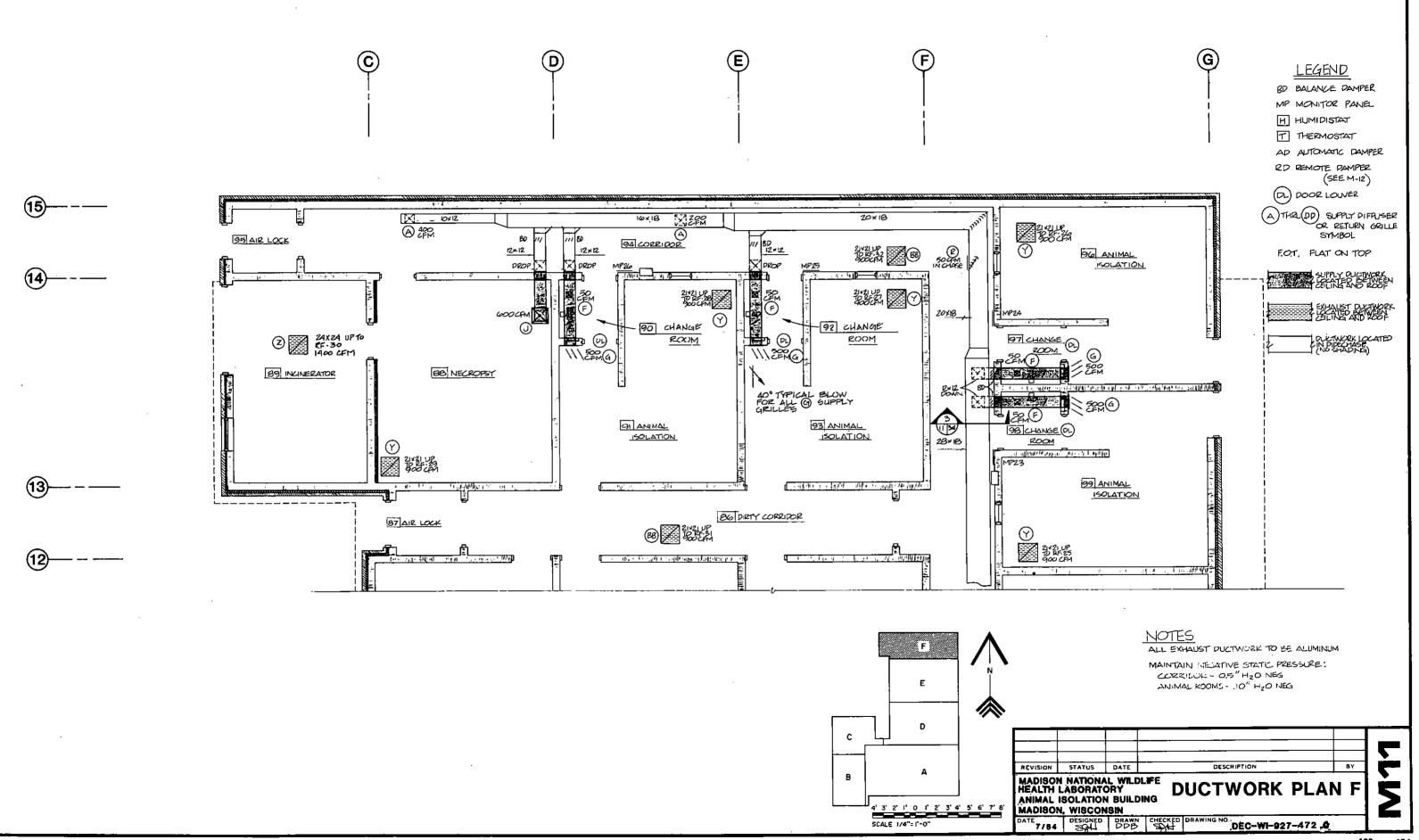


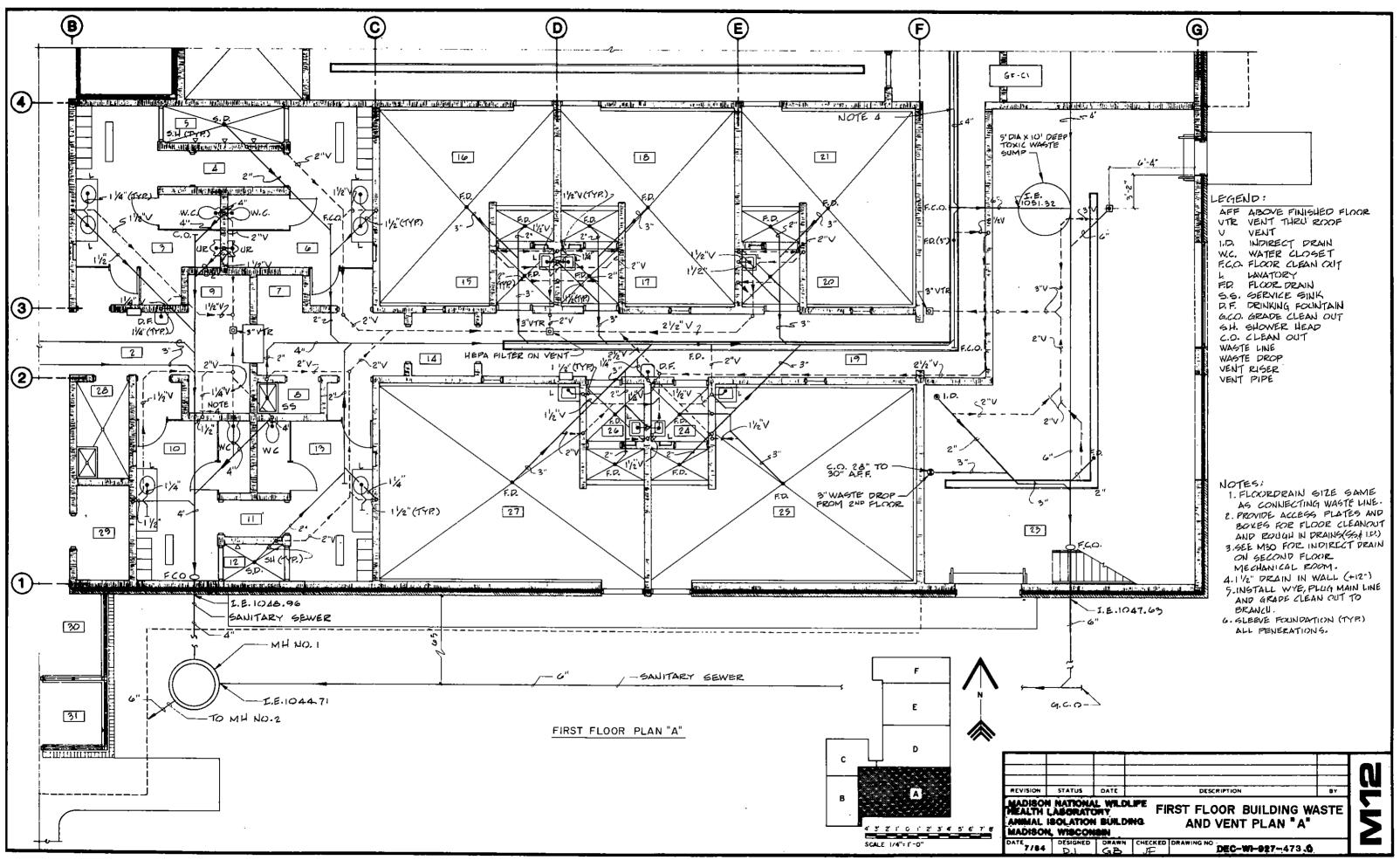


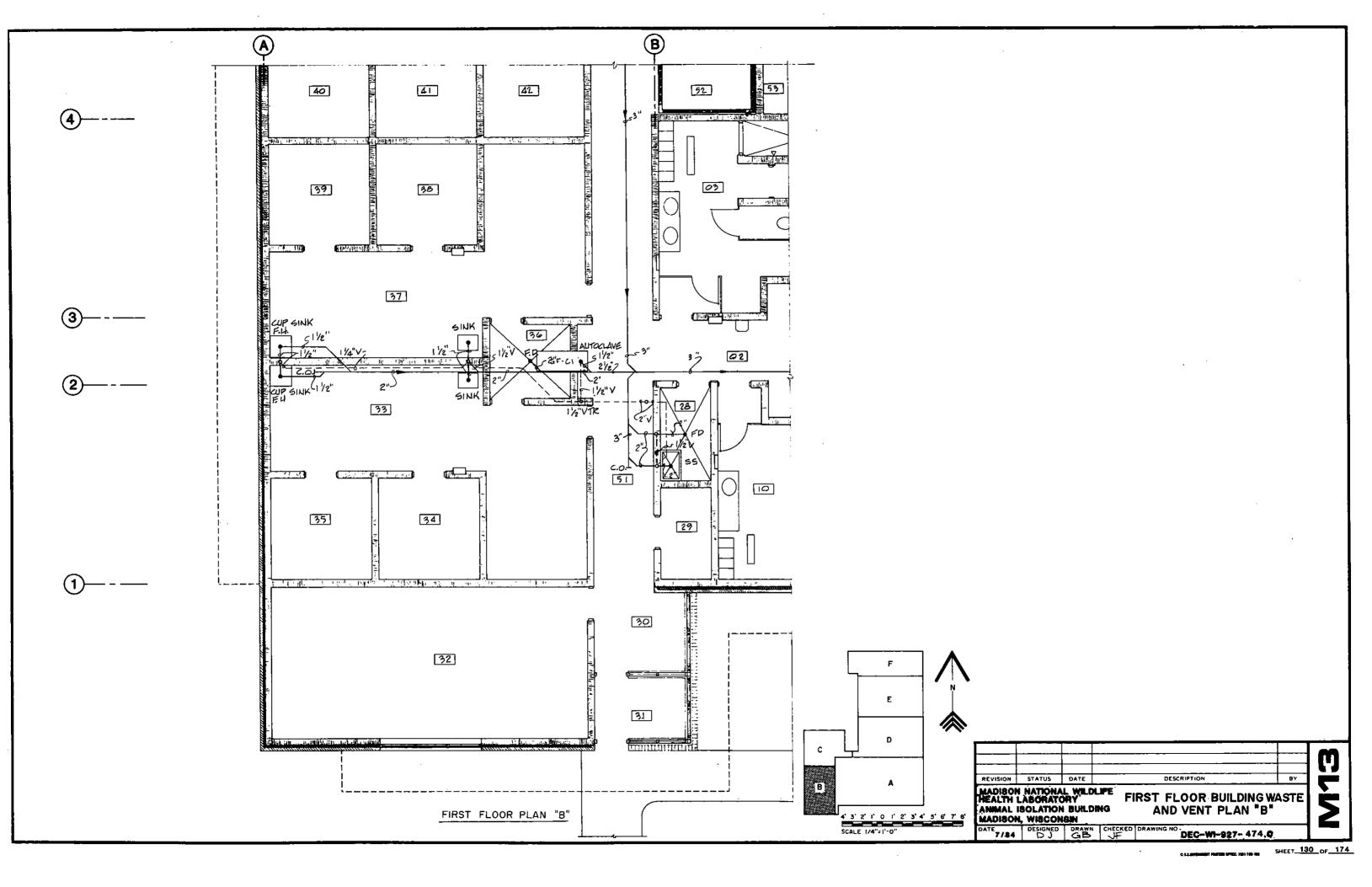


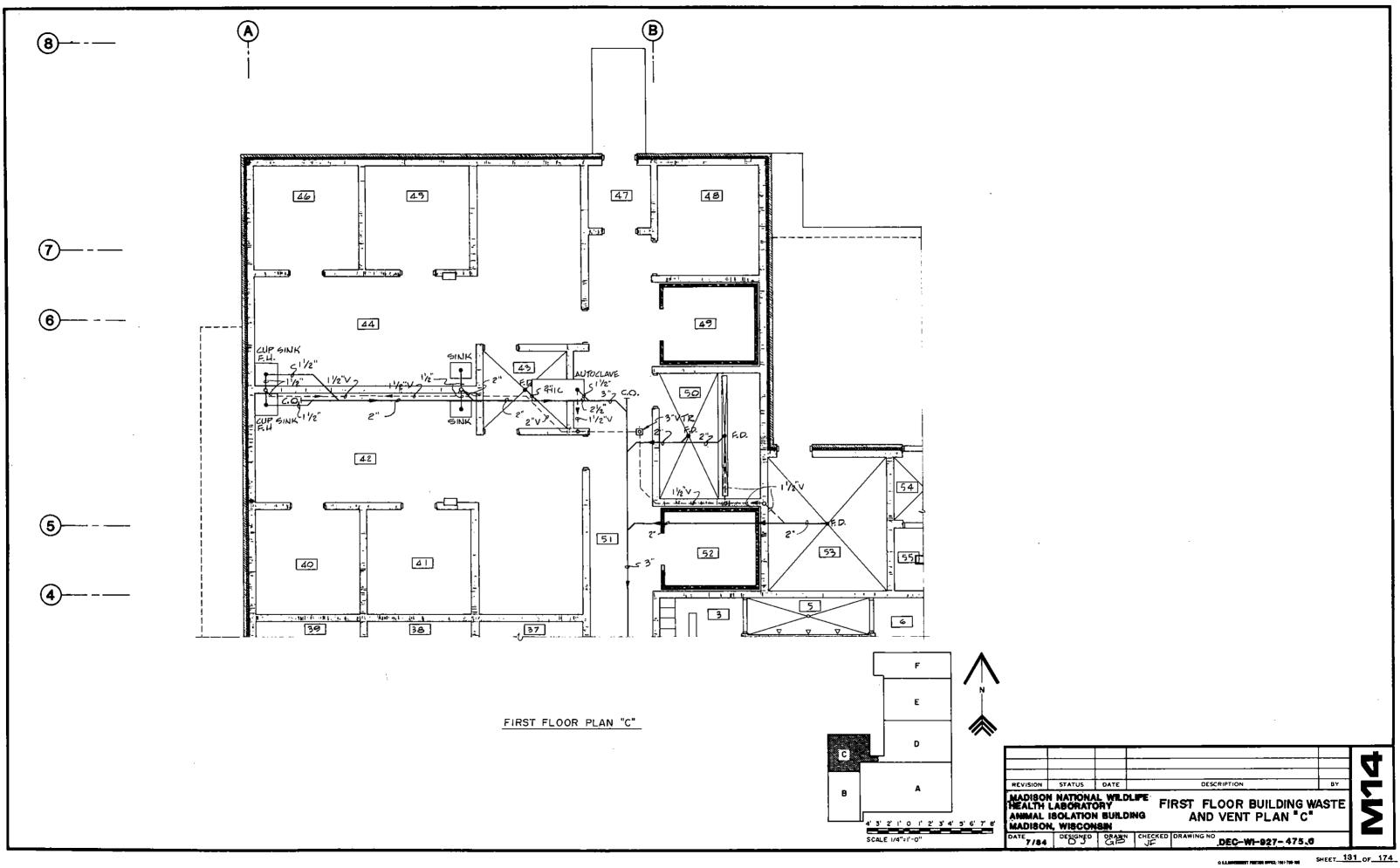


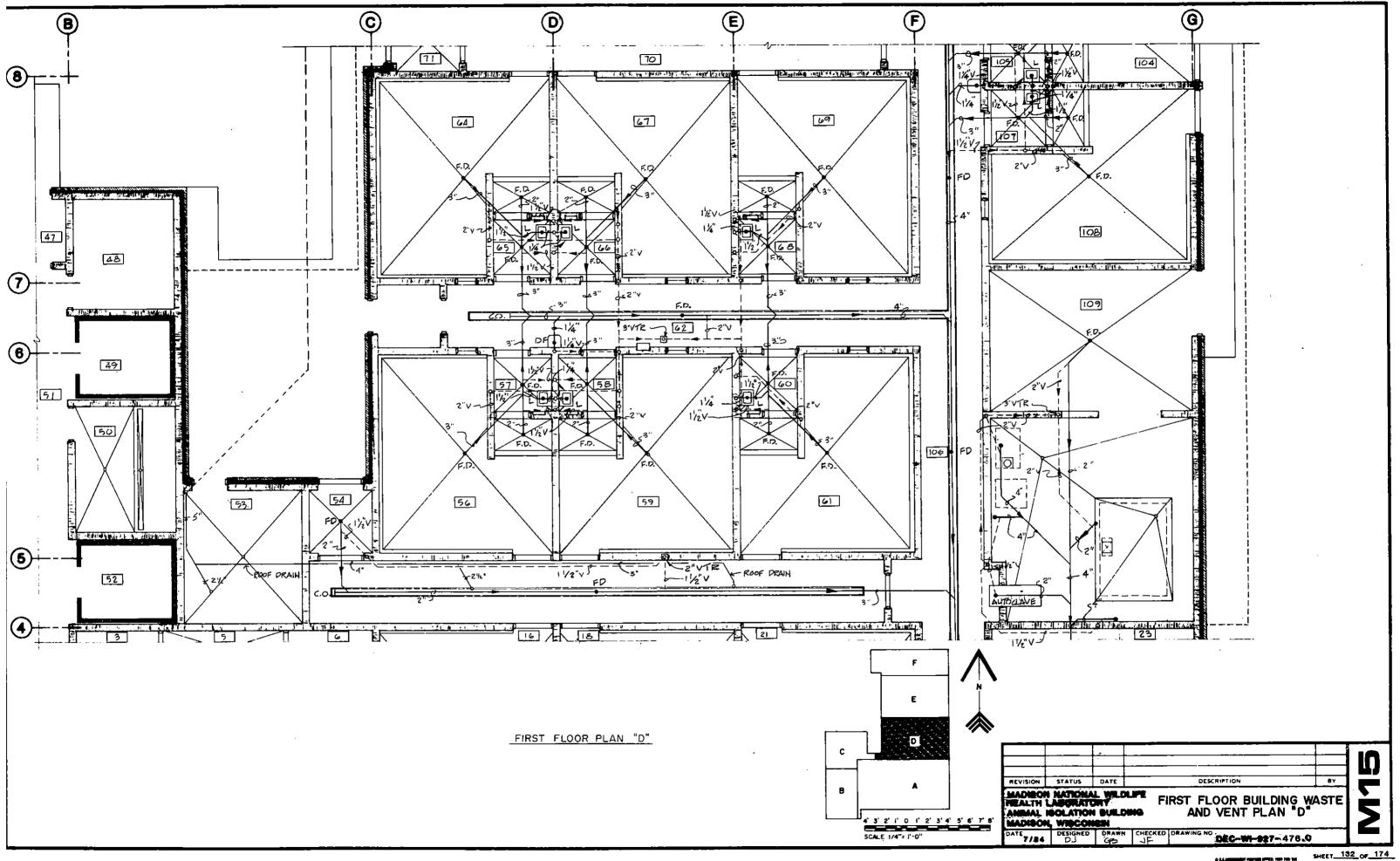


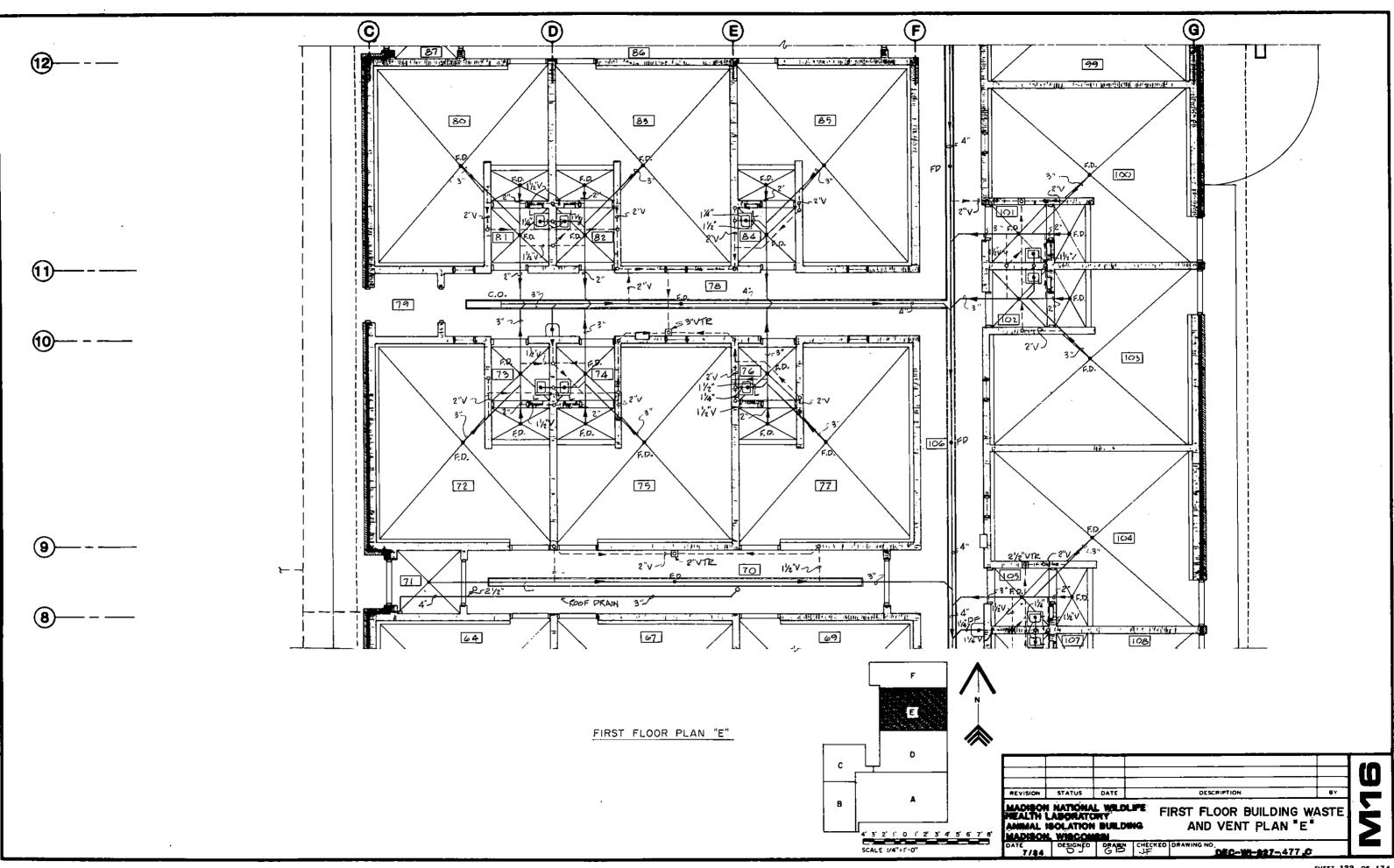


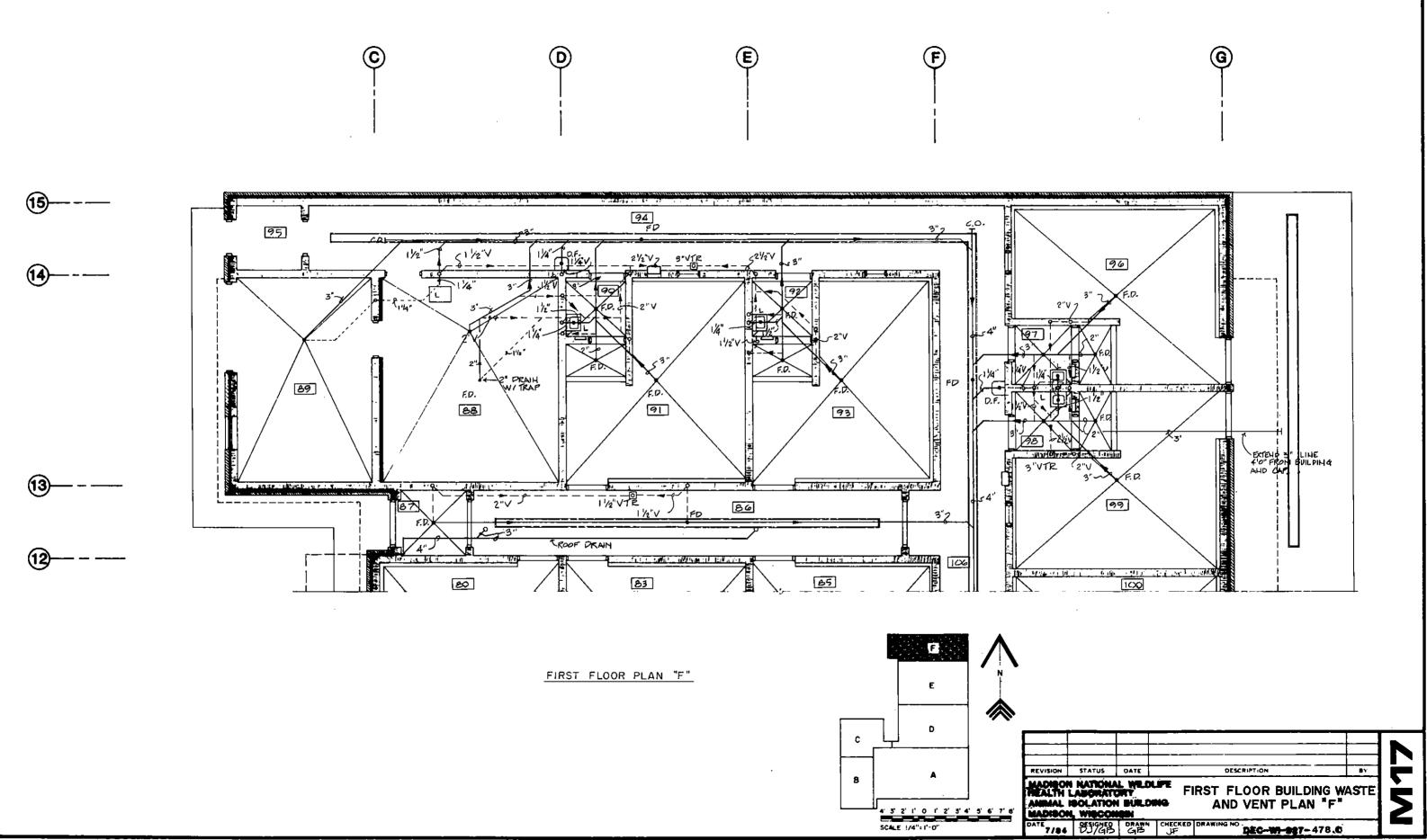


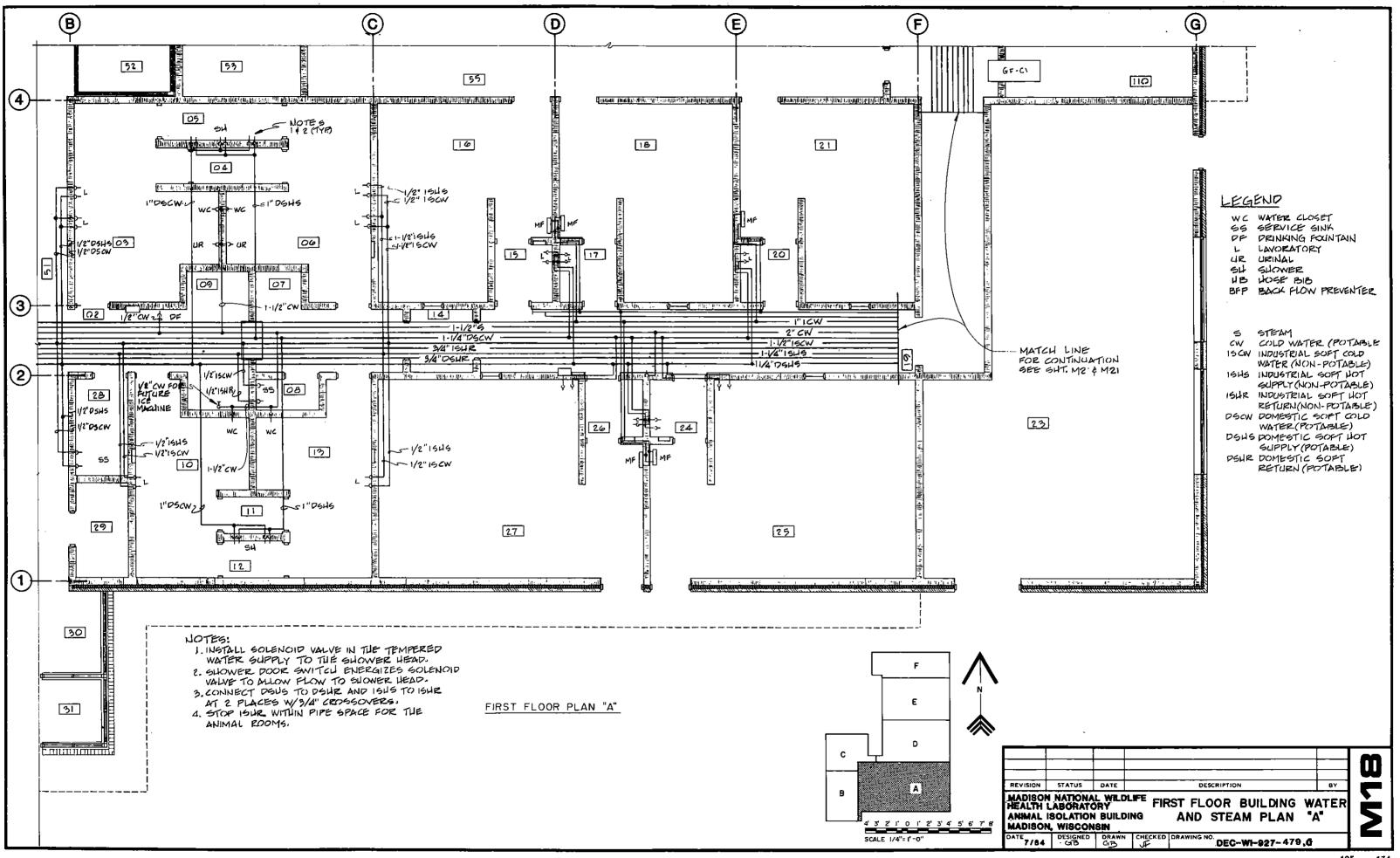


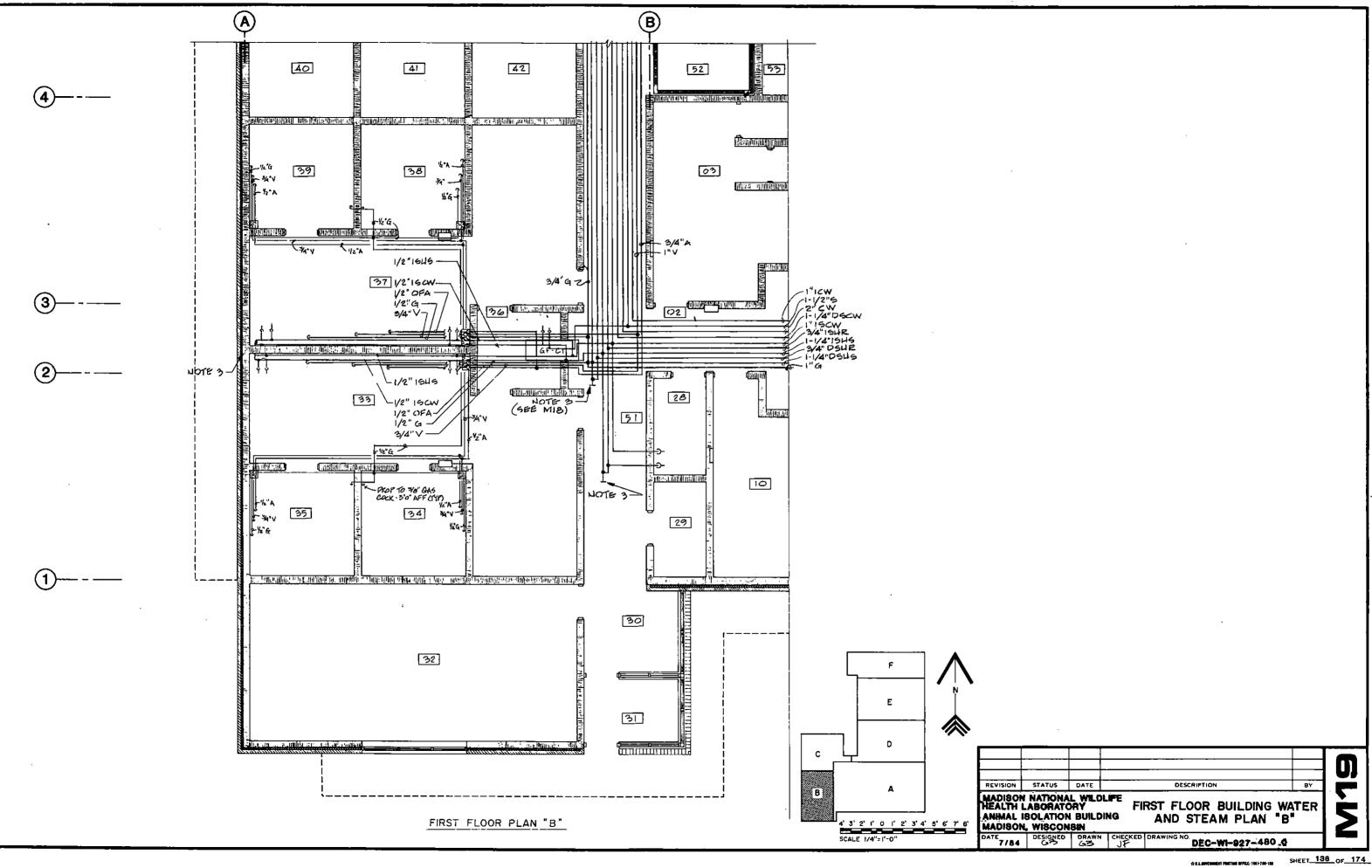


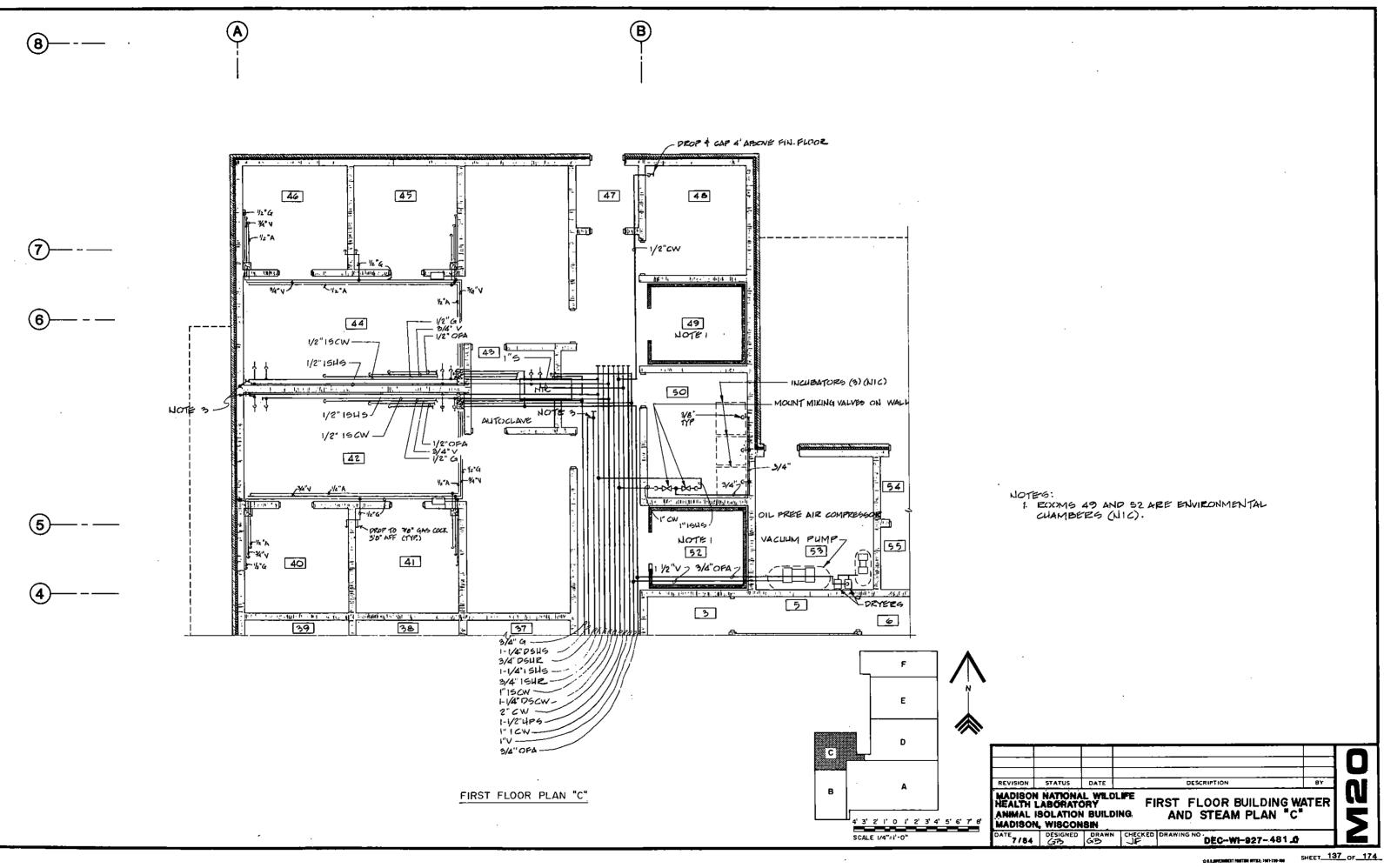


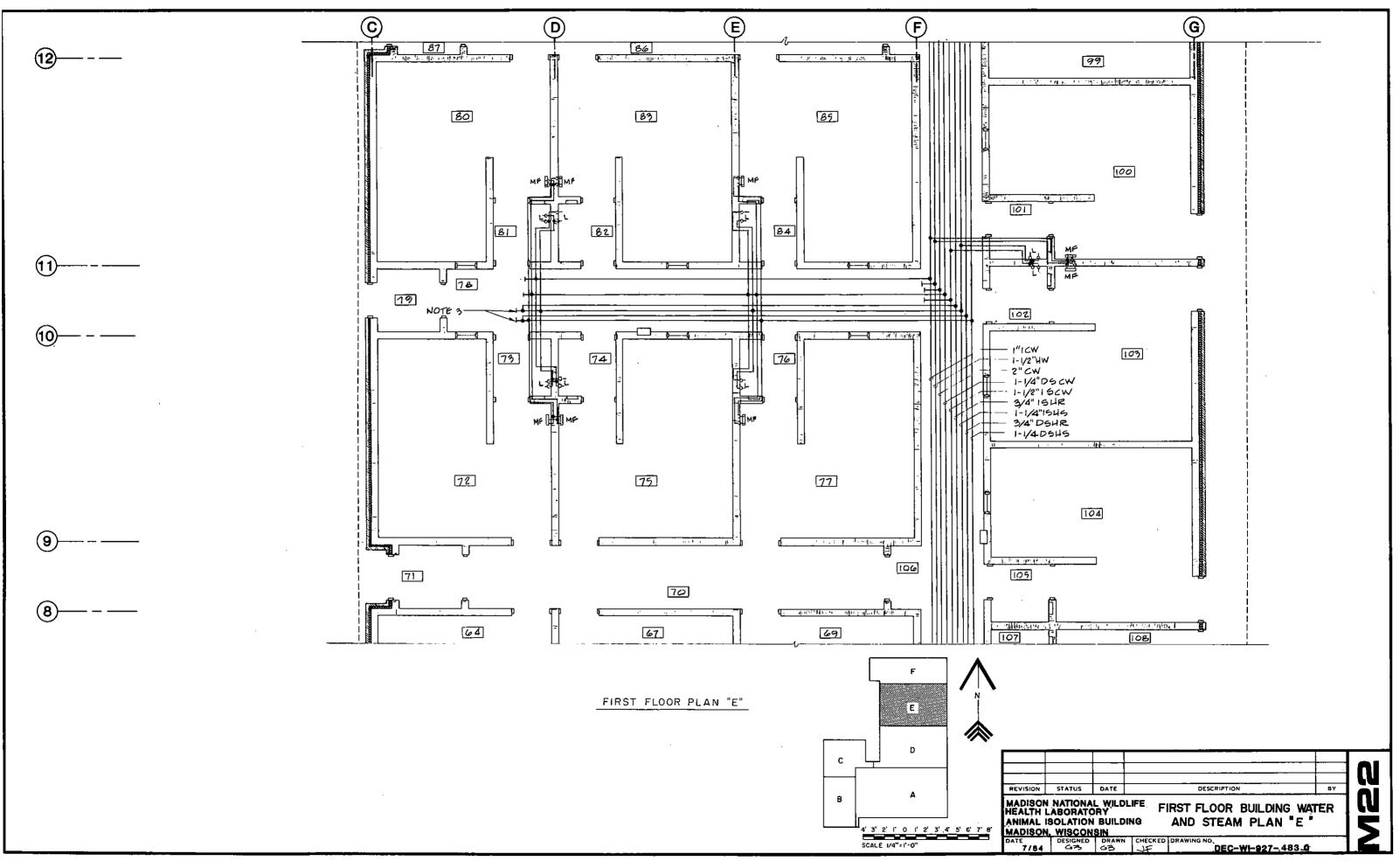


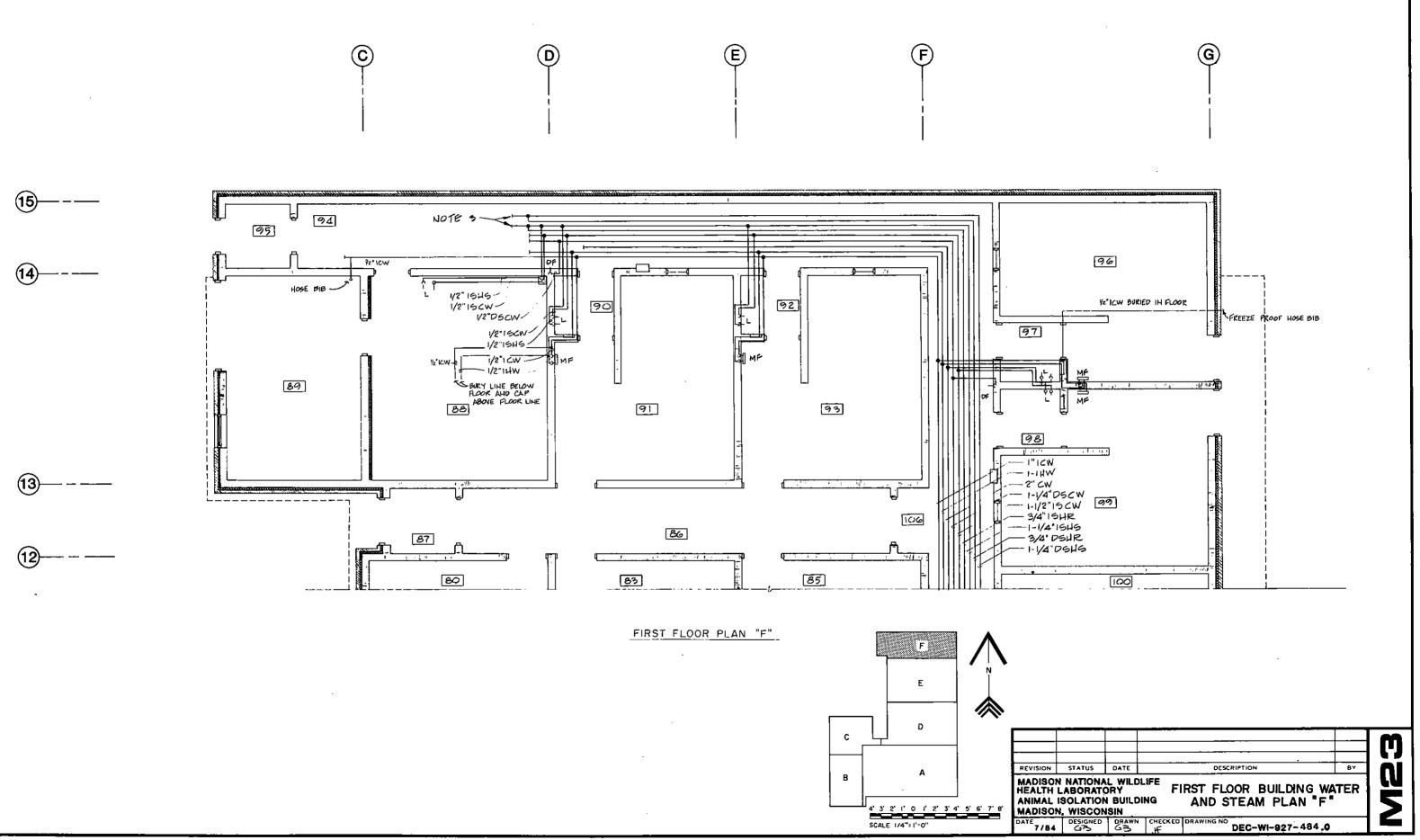


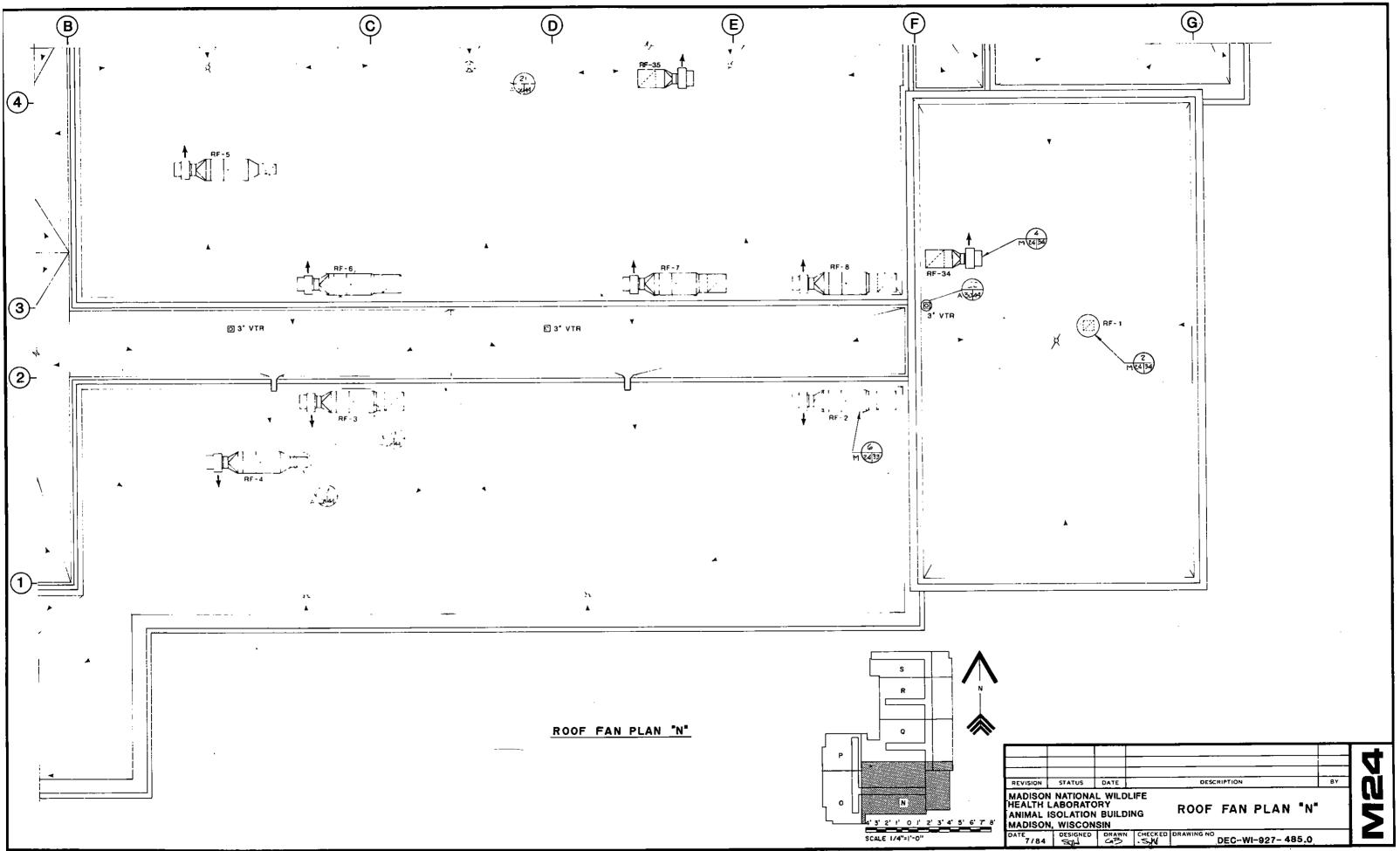


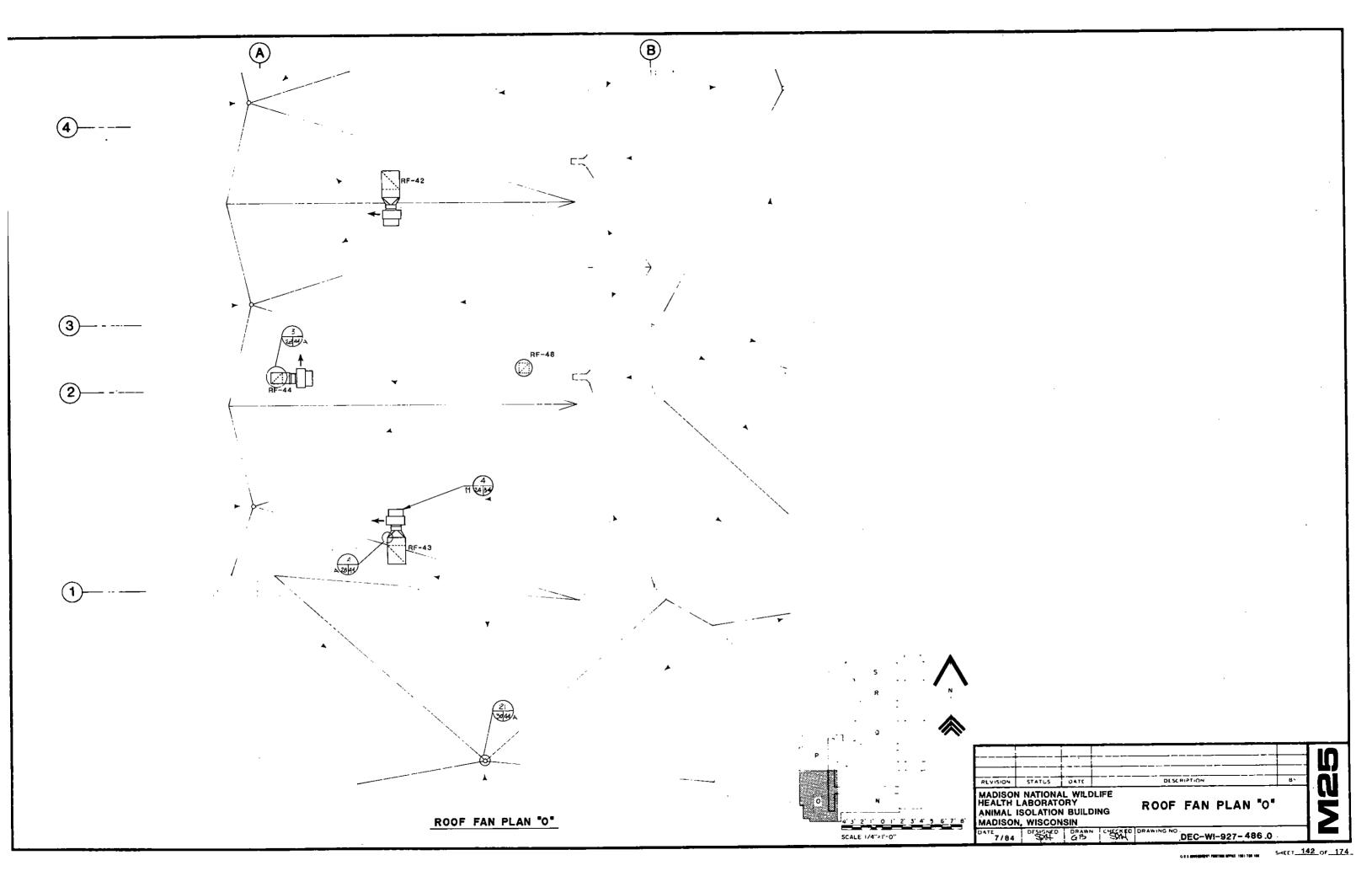


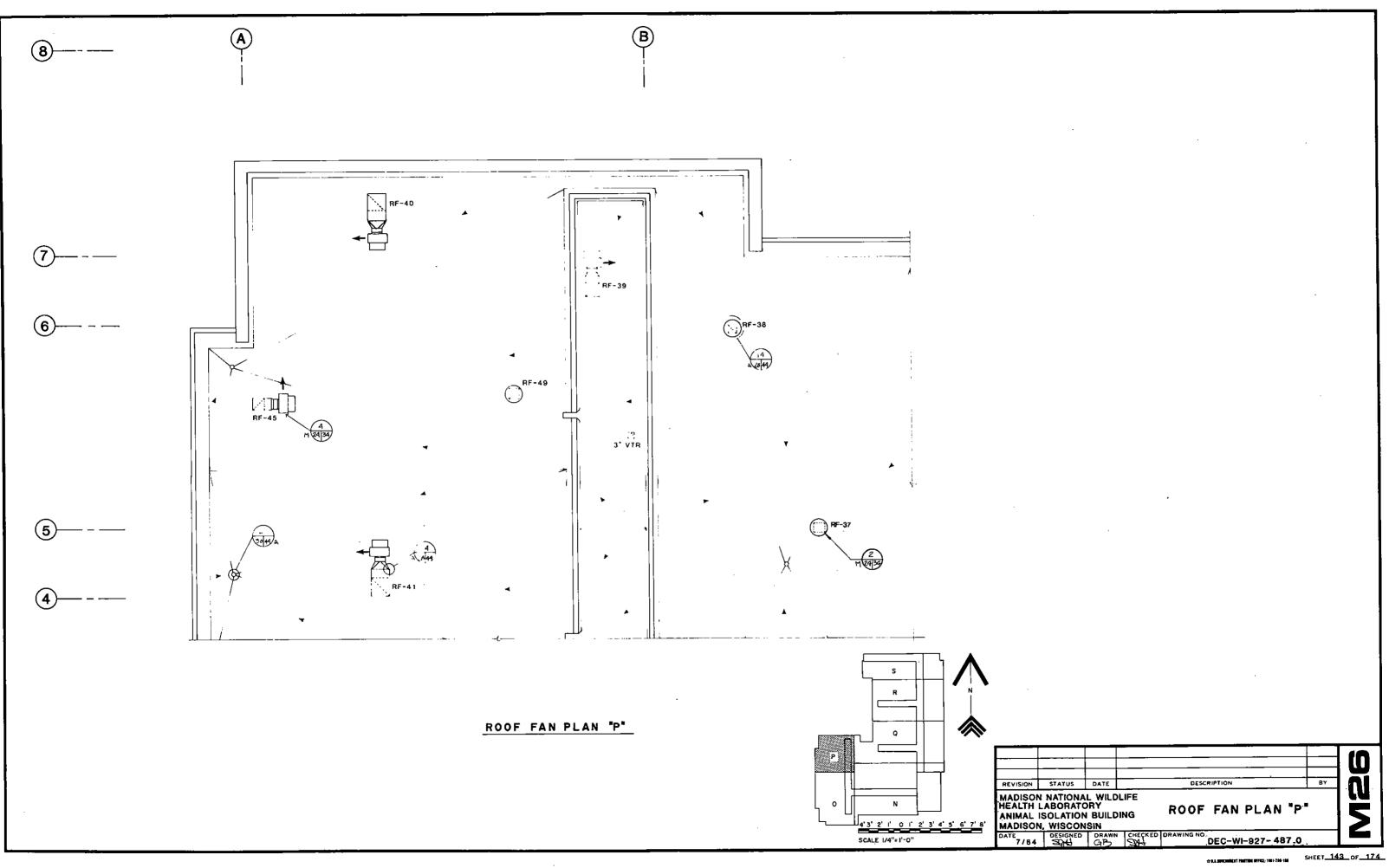


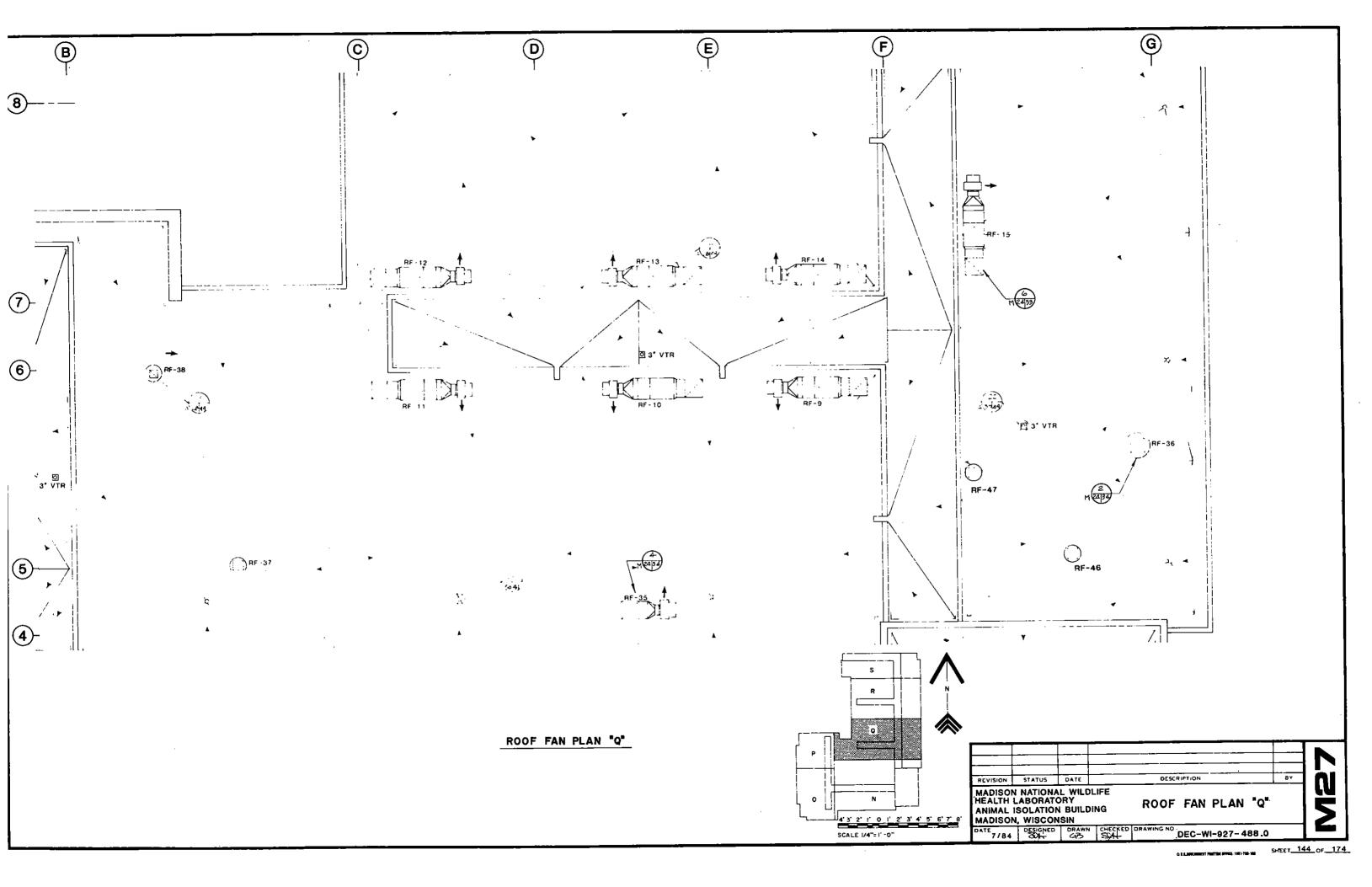


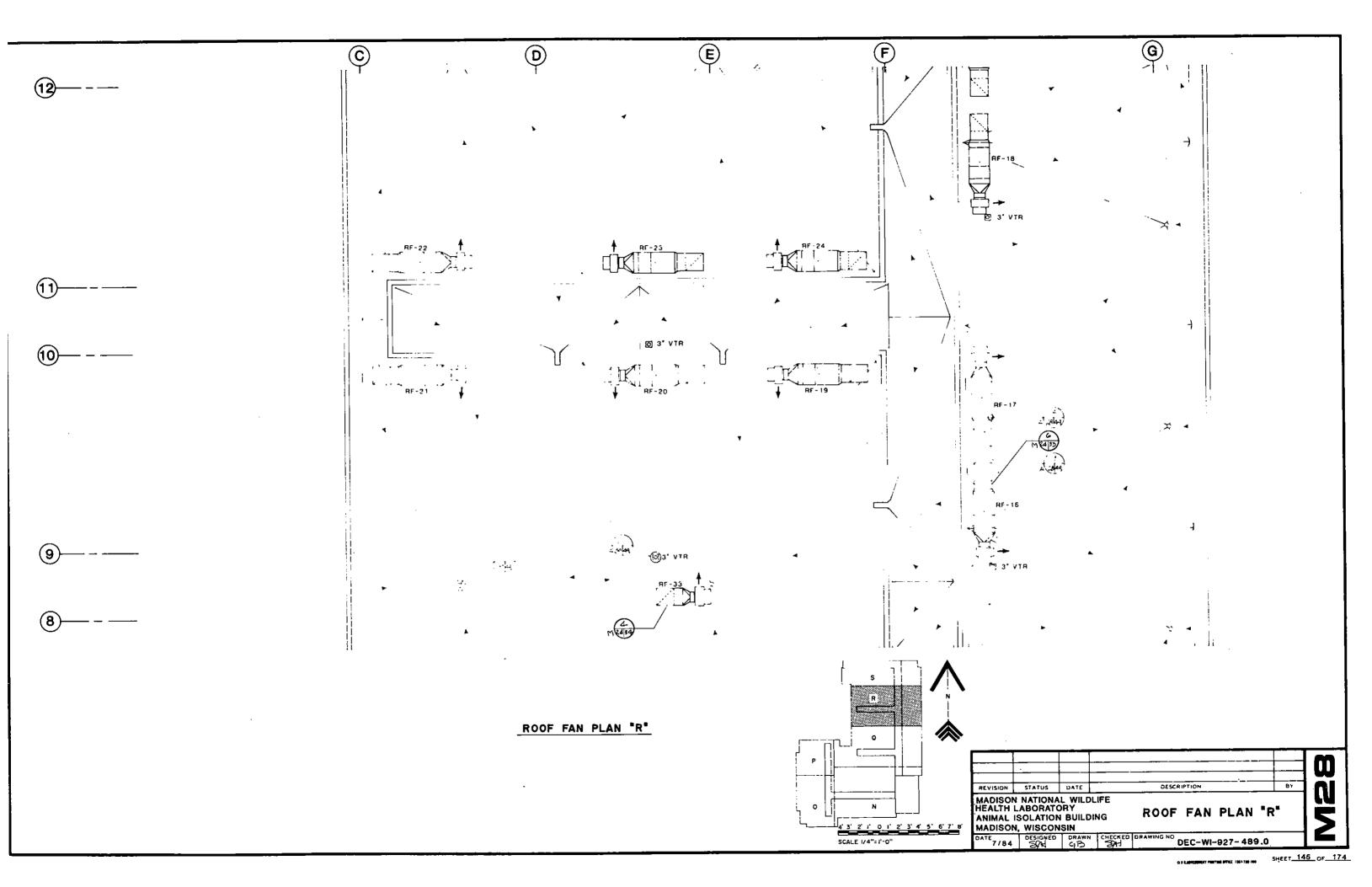


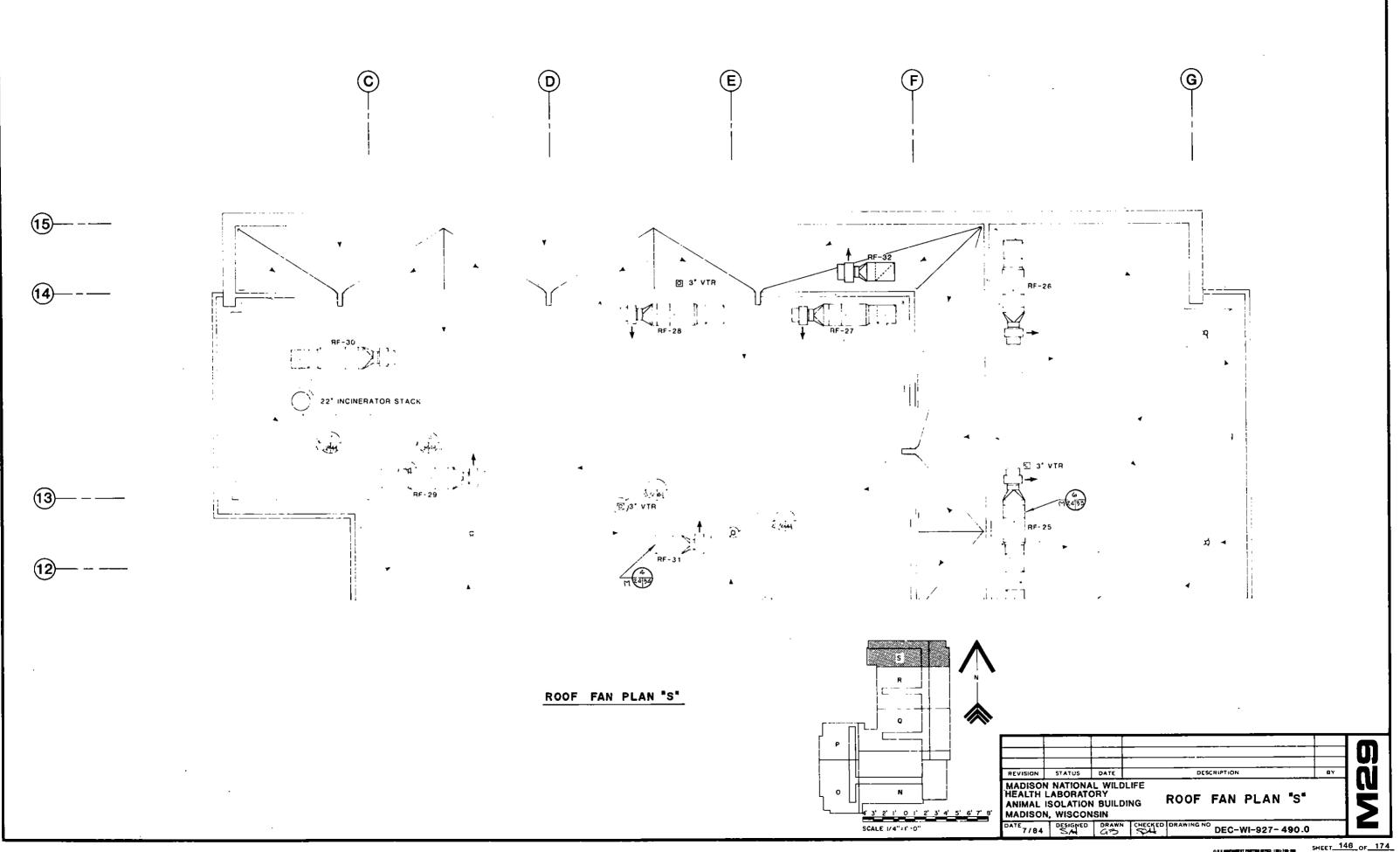


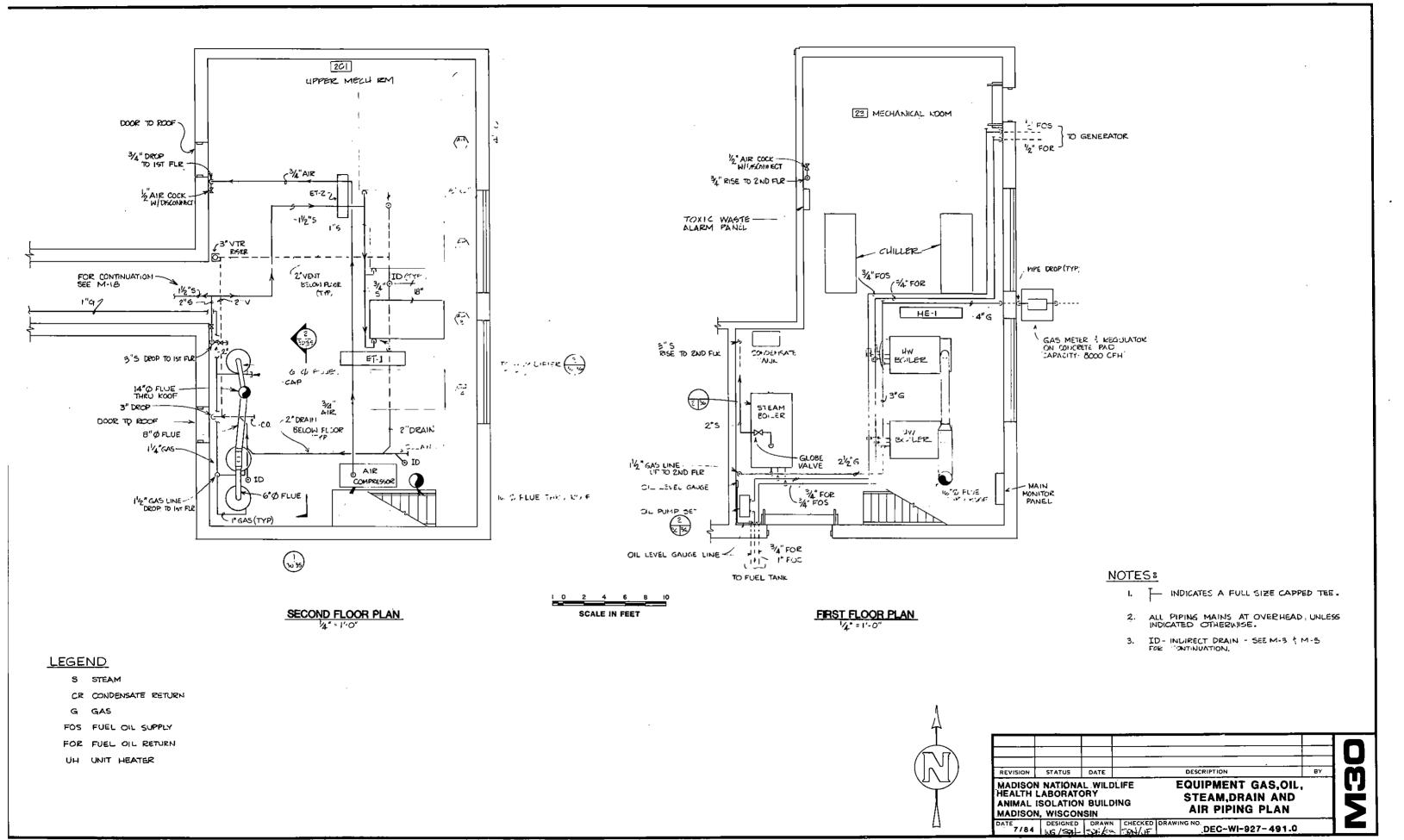


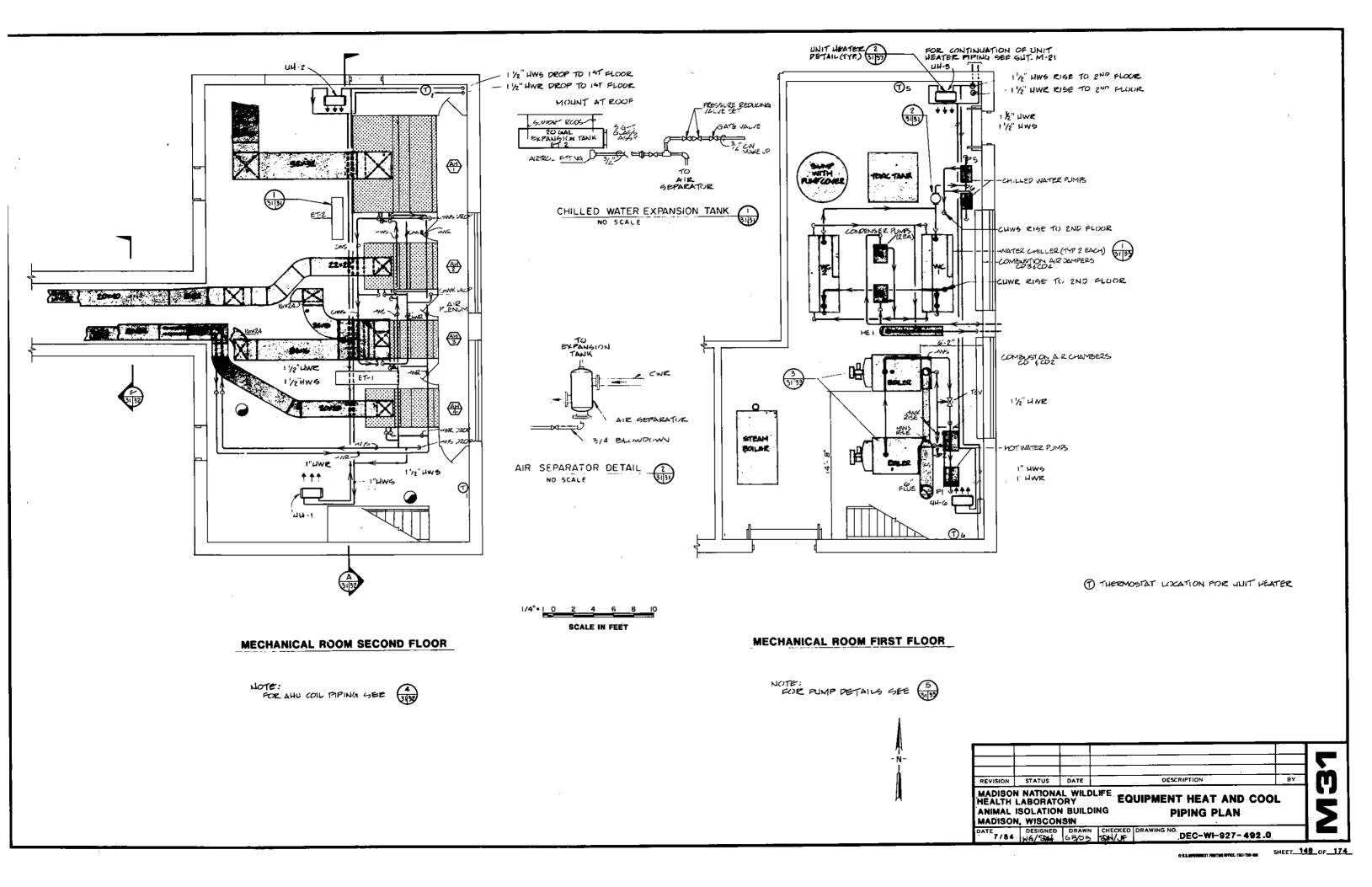


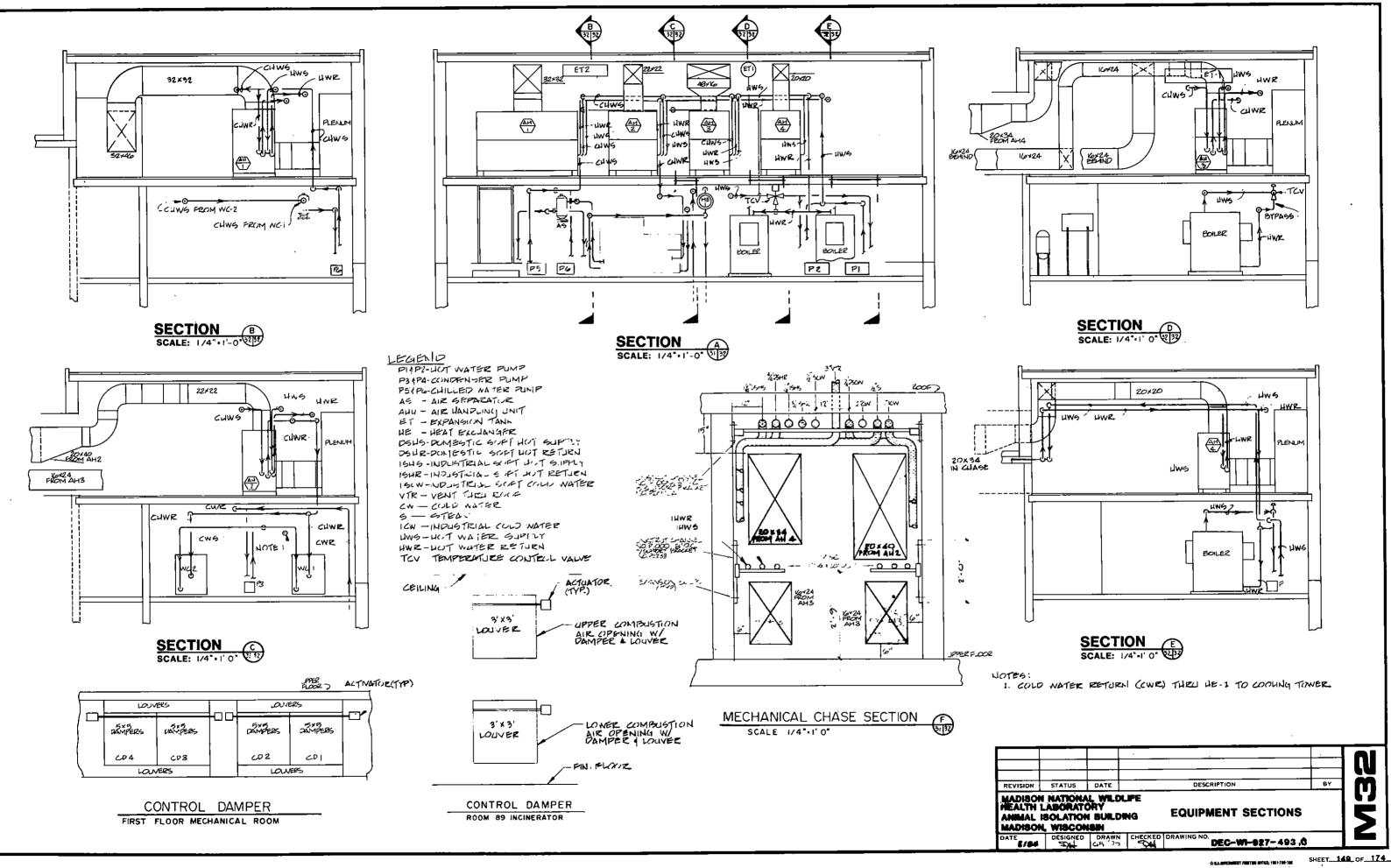


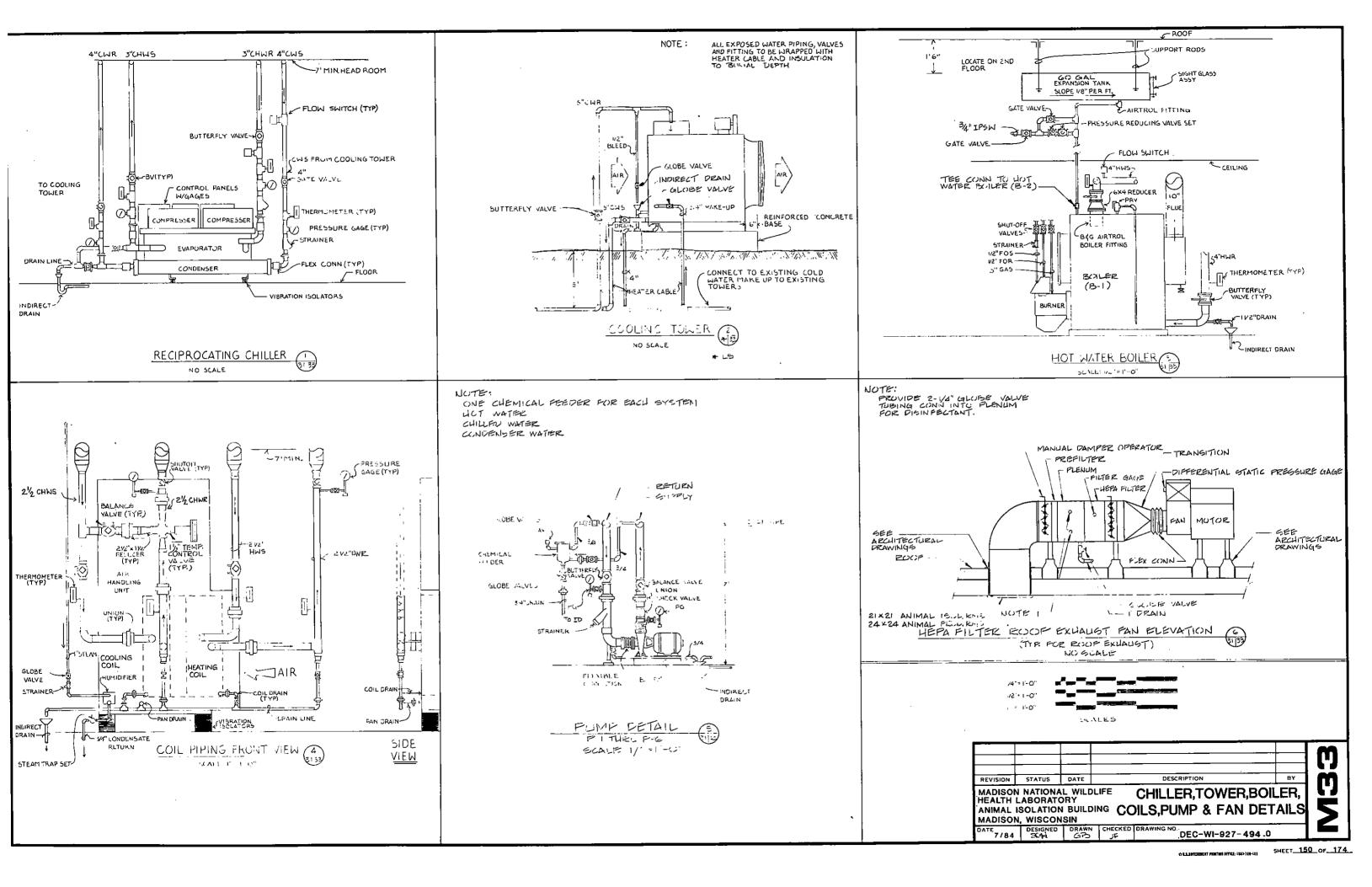


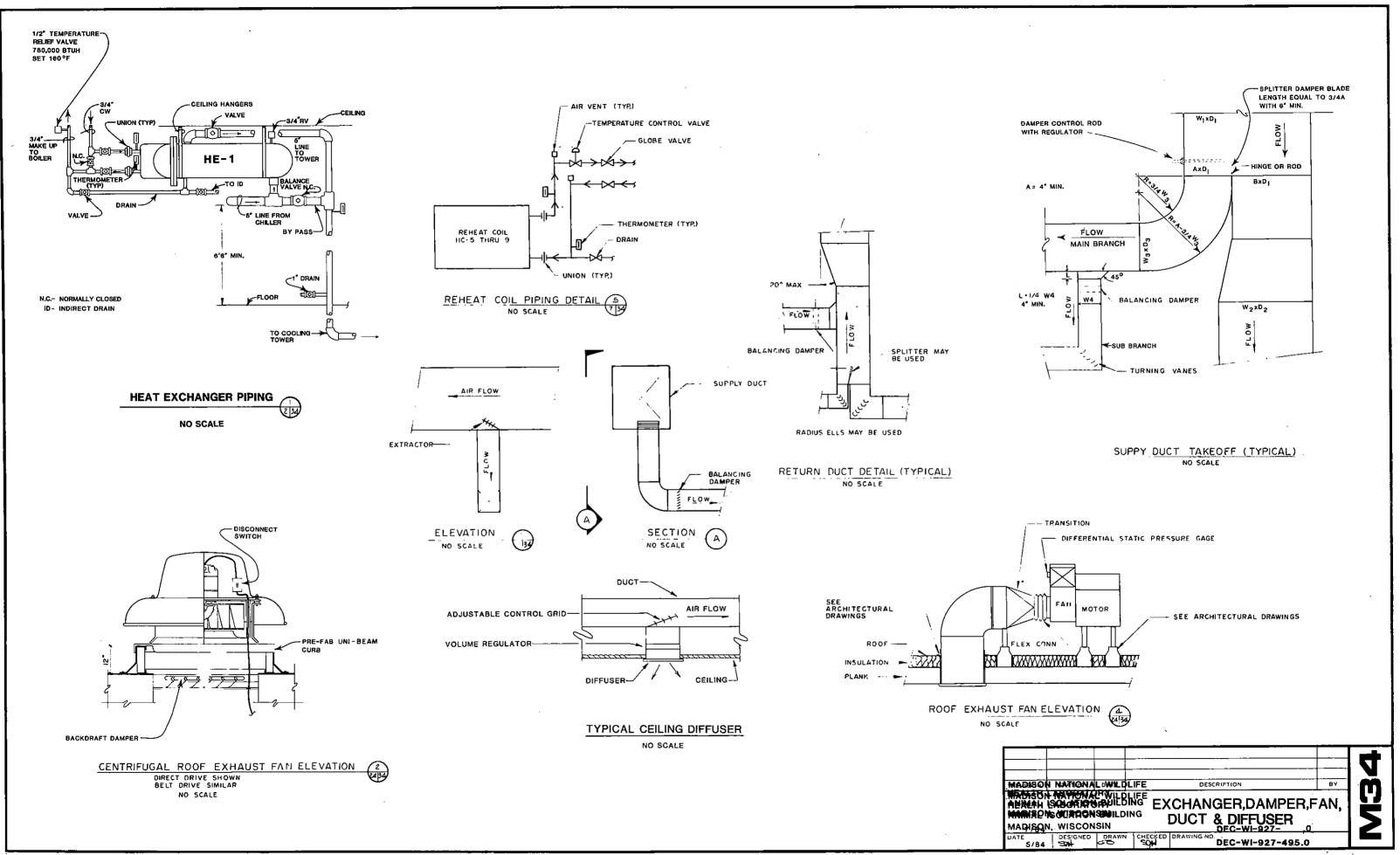


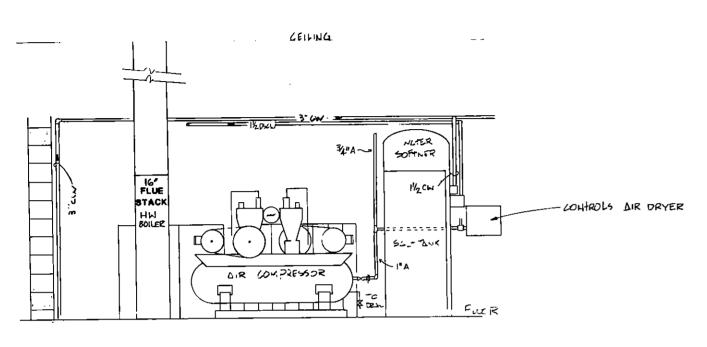






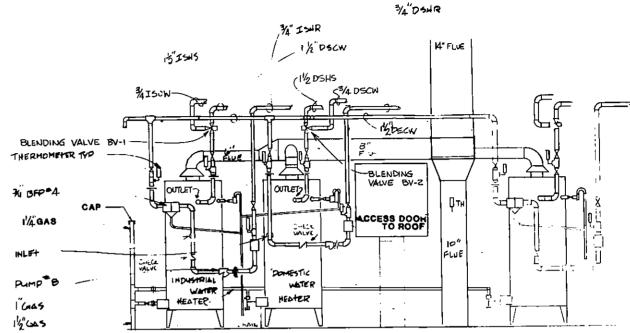




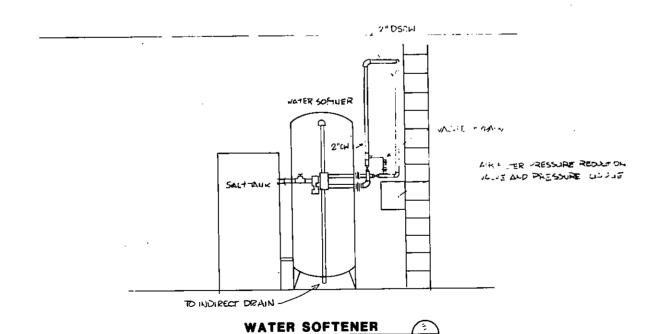


AIR COMPRESSOR

SCALE 1/2" : 1'-0"

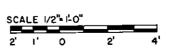


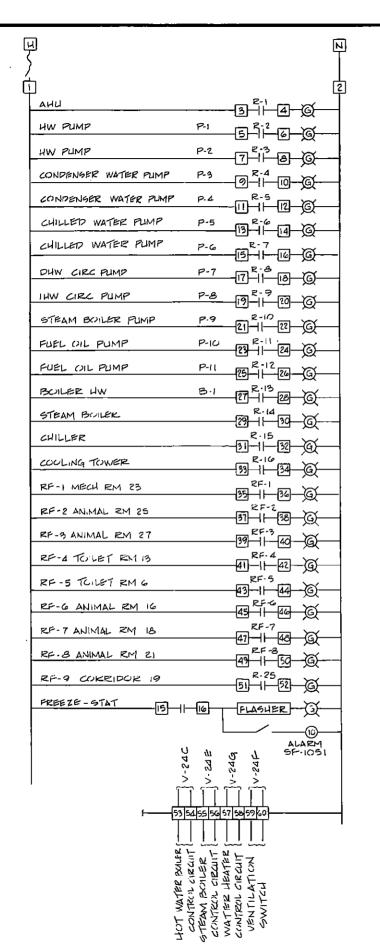
WATER HEATERS SCALE 1/2" : 1'-0"



SCALE 1/2" : 1'-0"

AIR COMPRESSOR PE	RFORMANCE					
MAKE	JOHNSON					
MODEL	FFJ340					
HP	3					
TANK SIZE	24"X72" 120 GAL.					
RPM	400					
STAGES	2					
NUMBER OF COMPRESSORS	2					
PRESS. SETTING	100≠					
DISPL. CFM	17.6					
CFM (FREE AIR) AT 100 PSI	13,9					
ELECTRICAL DATA	208 V / 3.¢					





ANIMAL ISOLATION 56	
ANIMAL ISCHATION 59	
ANIMAL ISCLATION GI	
ANIMAL ISOLATION 64	
ANIMAL ISCULATION 67	
ANIMAL ISCILATION 69	- 6 14 - W
CORRIDOR TO	71 FF-14 72 65
ANIMAL ISCILATION 7?	73 ^{EF-23} 11
ANIMAL 16 CLATION 75	75 ^{RF} 11 ²¹ 16 G
ANIMAL ISOLATION 77	73 1 2 0 0
ANIMAL ISOLATION 80	₽F-22
ANIMAL ISOLATION 83	E3 ^{E1} 1 E4 ©
ANIMAL ISOLATION 85	- 35 PF 124 86 - S
CORRIDOR 86	-67-FF:31-88
INCINERATOR 89	<u> </u>
NECZOPSY 88	
ANIMAL ISOLATION 91	
ANIMAL IGOLATION 93	
ANIMAL 150LATION 36	
ANIMAL ISCOLATICON 99	77 H W Q
ANIMAL IGOLATION 100	
ANIMAL ISCLATION 103	
ANIMIAL ISOLATION 104	
ANINIAL ISCILATION 106	2F 15 10 Q
LABURTURY 33-37	2F-44
150 LATION 32-35	
150LATION 38-39	
LABURATURY 42	
150LATION 41-40	
150LATION 45.46	
CUZRIPUR 51	
CCILD RM 49	

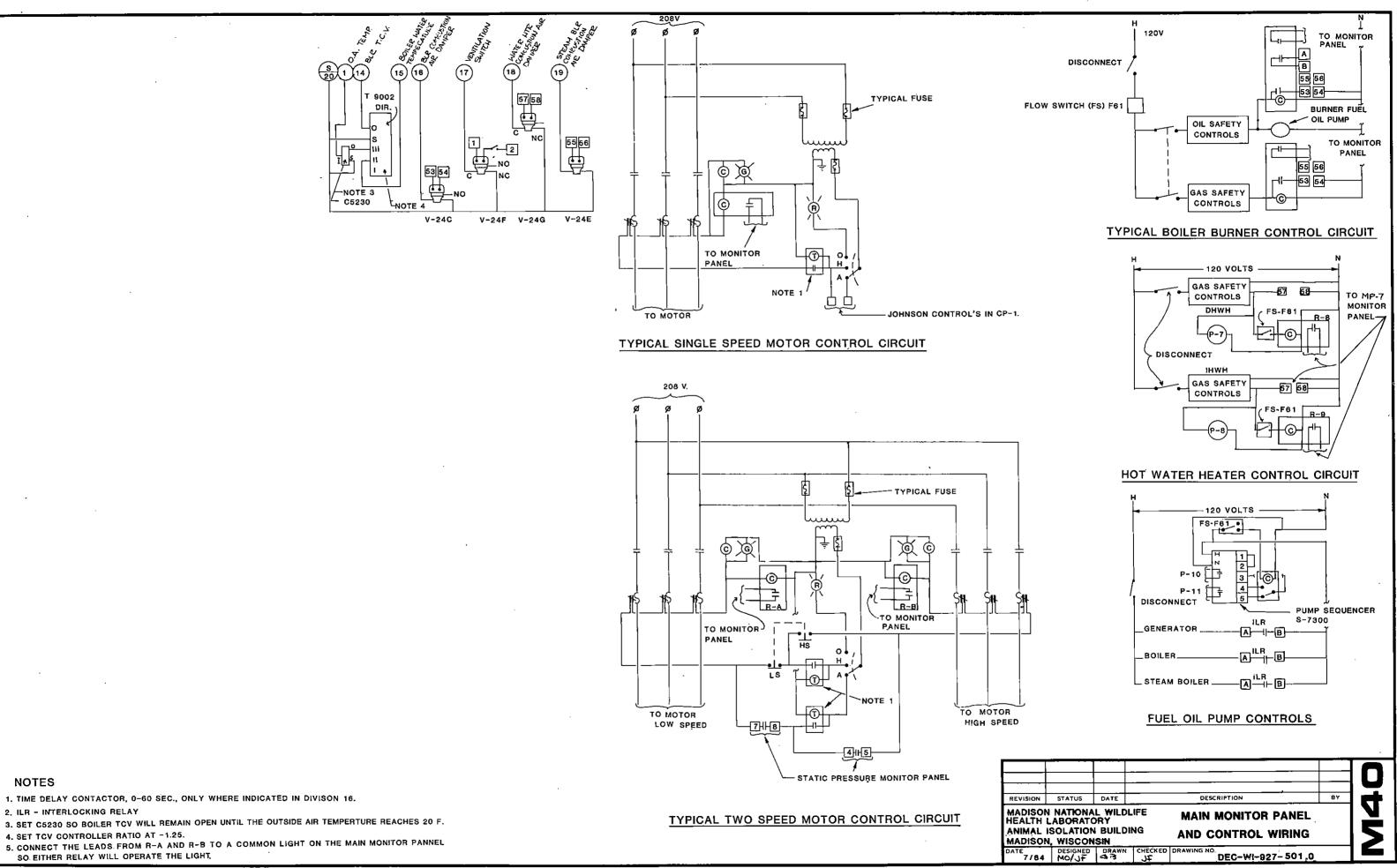
REVISION STATUS DATE DESCRIPTION BY	HEALTH	LABORAT	AL WILDLIFE ORY N BUILDING	CONTROL WIRING	G
	REVISION	STATUS	DATE	DESCRIPTION	ВУ

MADISON, WISCONSIN

DATE DESIGNED DRAWN CHECKED DRAWING NO.

MAIN MONITOR PANEL (MP-A)

DEC-WI-927- 499.0



NOTES

2. ILR - INTERLOCKING RELAY

4. SET TCV CONTROLLER RATIO AT -1.25.

SO EITHER RELAY WILL OPERATE THE LIGHT.

SYMBOL	CEM	SP	FAN	BLIP	MOTOR UP	UEPA FILTER	TYPE	DESIGN BAGED UN
RF-1	1000/500	1/4	1750	1/4	1/4		DIRECT DRIVE	PENN DUMEX AG-10
RF-2,5	1300/650	4	1910	1.48	1-1/2	24 x 24 x 11 · V2	BELT DRIVE	BAKRY 9-61 AHIS
RF-4	650	4	2290	0.68	3/4	1	1	7-61 AU15
RF 5	700	4	2334	0.75	3/4			
RF-6-29	900/ 450	4	2547	1.09	1-1/2			
RF-30	1400/700	4	1952	1.62	2	7		9-614
RF-31-35	900/450	1/2	1643	0.16	1/4	_	•	BARRY RPK-10A
RF-36	1200/600	1/4	955	1/6	1/6		DIRECT DRIVE	PENN DOMEK BB-45
RF-37	184/90	1/4	1750	1/2	1/2	. —	J	XR-60
RF-3B	400/200	1/2	1750	16	1/6	_	l #	XQ-94
RF-39	1300/650	1/2	2136	0.34	1/2	-	BELT DEIVE	BARRY RPK-10C
RF-40-43	2450	3/4	1810	1.3	1-1/2	_	l 1	RPK-15F
RF-44,45	1500/750	3/8	1620	0.32	1/2		· ·	122 - BI W/BAKED HERESITE COATING
RF-46	250	1/8	1750	1/12	1/12	-	DIRECT DRIVE	PENN DUMEX XQ-60
RF-47	350	1/4	1550	1/25	1/25		DIRECT DRIVE	PENN DOMEX XR-82
RF-48,49	200	1/4	1550	1/25	1/25	-	DIRECT DRIVE	PENN DIMEX XX-60

FLUE HEAT	FLUE HEAT EXCHANGER											
	HE 3	HE-2										
	STEAM BLR	HOT WATER BLR										
MODEL	15	MARK I										
HEAT TRANSFERRED	250 MBH	600 MBH										
FLOW RATE	IO GPM	IO GPM										
FLUE DIA.	12"	16"										
CONN. SIZE	. "	1/2"										
WEIGHT	70165.	105 lbs.										
HTG SURFACE	16.86 Saft.	49.59 Saft.										
WATER INLET TEMP.	50°F	50°F										
FLUE EXH. TEMP.	250°F	250°F										

WAT	WATER SOFTENER									
CAPAC	1TY	450,000 GRAINS								
RESIN	VOLUME	15 CU.FT.								
FLOW	RATE:									
PEA	K	83 GPM								
(0)	ITINUOUS	67 GPM								
RVC	KWNSH	ZO GPM								
SALT CA	APACITY	900 lb m								
CONN	ECTION	1 V2"								
ELECT	RICAL	120V								
	BASE	ON BRUNER 450 HBR								

UNIT HEAT!	ER
MAKE	TRANE
MODEL	5
SIZE	18-5
мвн	7.0
LFM	2 80
MOTOR	1/25 HP.
RPM	1050
POWER	115/60/10
GPM	1.5
WATER P.O.	0.3FT
WATER TEMP. DROP	10° F

	SHELL&TUBE H	EAT EX	CHAN	GEF	₹			
	CAPACITY-650 MBH	· · · · · ·				DESIGN F	RESSURE -	125 PS1
_		FLUID	FLOW			PRESSURE DROP, FT.		
77	SHELL SIDE DATA	WATER	130 43		87°	4.7	.0005	HEAT TRANS. AREA -119 SQ.FT. No . OF PASS -4
	CAPACITY - 250 MBI						DESIGN BAS PREGGUE	ED ON BEG "WU" UNIT MODEL-WUIZ6-46
N	CAPACITY - 230 MINU	Pluip	FLOW		-	PRESSURE DRUP, FT.	FOULING	= -
ż	SHELL SIDE DATA TUBE SIDE DATA	WATER	10	1	130 100	1	.002 .002	HEAT TRANS. AREA-26.8 SQ FT. NO. OF PASS - 4
_		1	·		i			AGED ON BEG "WH' UNIT MODEL-WIGG-42
	CAPACITY- 750 MBH		1 44 40 1	1			PREGGURE	-
į		FLUID	GPM		_	DEOP, FT.	FOULING PACTUR	
Ţ	SHELL SIDE DATA						.0005	HEAT TRANS. AREA- 26.8 SQ.FT.
_	TUBE GIDE DATA	1	10	50	200	1	.002	NO. OF PASS-4
_			<u> </u>		<u> </u>	l	DESIGN BA	GED ON BEG "GU" UNIT MODEL-5466-4

<u> COOLING</u>	TOWER_
MAKE	MARLLY
MODEL	4790
NOM, TONS	90
TOTAL JPM	300
WATER ENT	95 °F
WATER LVG	85 °F
DES.DB	88 °F
DESLINE	73°F .
MOTOR HP	5
VOLTAGE	208/3Ø

	MATER BOILER	STEAM BOILER
MAKE	KEWANEE	YORK SHIPLEY
MODEL	M-175K	542
мвн	1750	1388
HР	52.3	40
GAS CONNECTION	IV2"	1 <i>V</i> 2"
FUEL OIL CONNECTION	3/4"	V2"
FLUE SIZE	10"	10"
WATERSIDE HT. TRANS AREA	239 5Q.FT.	218 SQ.FT.
BLOWER MOTOR	3/4 HP	THP
VOLTAGE	115/1Ø	115/Ø
FIRING RATE:		
GAS CU.FT./HR	2188	1675
OIL GAS GAL./HR.	15.6	12
FURNACE VOLUME	29.5 CU.FT.	7.1 CU.FT.
SUPPLY SIZE	6" (150 #FLANGE)	2"(150 = FLANGE
RETURN SIZE	4"	11/4"

PUN	MPS														
No.	SYSTEM SERVED	FLOW GPM	HEAD FT.	MAX. TEMP	SPEED RPM	바	VOLTS		EFF.	BHP MAX	MP. DIA.	CONN.	CONTROL	NPSH	DESIGN PASED ON
P-1	HOT VIATER	150	30	200°F	1750	3	208	3	65	1-8	6-1/2"	2' 2	THERMOSTAT	12'	BEG 1531 2"AB
P – 2	HOT WATER	150	30	200°F	1750	3	208	3	65	1.8	6-1/2	21/2/2"	THERMOSTAT	12'	B4G1531 2"AE
r-3	CONJENSER WATER	130	55	100°F	1750	3	208	3	55	2.9	71/4"	21/2"/2"	THERMOSTAT	6'	B4G 1531 2" 35
P – 4	CONDENSER WATER	130	55	100°F	1750	3	208	3	55	2.9	7 V4"	21/2-/2-	THERMOSTAT	6'	B4G1531 2"BB
F - 5	CHILLED WATER	100	50	55° F	1750	2	208	3	72	1.8	6 V2"	21/2/2	THERMOSTAT	8'	B(G1531 2"AB
3 - 6	CHILLED WATER	100	50	5577	1750	ے	208	3	72	1.8	6 v2"	21/2' 12'	THERMOSTAT	8'	B4G 1531 2"AB
1 - 7	DOMESTIC HOT WATER URCULATION PUMP	10	16	1404	1750	1/6	120	ı	.4	.1	-	1/2"	AGUASTAT	۲,	BEG HV
P - 8	INDUSTRIAL HOT WATER CIRCULATION PUMP	15	14	140°F	1750	1/6	120	1	.4	.1	1	IVZ"	AQUASTAT	2'	B4G HV
P - 9	STEAM BOILER CONDENSATE PUMP	4	140	210°F	1750		208	3	-5	.8	†	172"	BOILER WATER LEVEL	4'	PACO SERIES CO MODEL 30
P - 10	FUEL OIL PUMP	1 1/2	50	55 °F	0081	1/4	120	ı	! — '	-	<u> </u>	— [_]			VIKING SENES 432
P 11	FUEL OIL PUMP	1 1/2	50	55 °F	1800	1/4	120	!	T					<u> </u>	VIKING SERIES 432
P-12	TOXIC WASTE	10	25	80,	1750	,	20E	3	-	† —	T	1-1/4	FLOATS	† —	PACO TYPE NCD
P-13	TOXIC WASTE	10	25	20	1750	 	203	5	† <u> </u>	ļ	· _	1-1/4"	FLOATS		PACO TYPE NCD
P-14	INDUSTRIAL INST WATEL RETURN JUNE	15	25	200-	175:	1/4 -	120	ı	55	12	5-1/4	1,		-	

HEALTH LABORATORY

ANIMAL ISOLATION BUILDING

MADISON, WISCONSIN

DATE

7/84

DESIGNED DRAWN CHECKED DRAWING NO.
DEC-WI-927-502.0

PERFORMANCE SCHEDULES

_								CC	<u>) L S</u>	<u>сн</u>	EDI	JLE					
		"		AIR D	ATA				,	VATER	DATA		1				
	TOTAL MBH	TOTAL CFM	FACE VEL	DB EN	r °F ₩B	DB LVC	9 °F WB	MAX P. D.	TOTAL GPM'	TEM	P °F	MAX P. D.	NO. OF ROWS	FINS PER FT.	NOMINAL SIZE	LOCATION	REMARKS
CC-1	436	14200	590	88	73	67	65	0.50"	87	45	55	5.3	2	163	33 × 105	AHU-I	TYPE W, SIGMA PLOV
46-1	1376	14200	590	-7	-	<i>e</i> 5		0.21"	141	180	160	11.3	2	122	33 X IOS	AHU-I	TYPE W, PRIMA FLOW
CC-2	340	ø500	693	88	73	58	57.6	1.05"	68	45	55	5.0	6	139	30×45	AHU-2	TYPE W, PRIMA FLOW
HC-2	445	6500	693	- 7	_	58	-	0.22"	46	180	160	1.0	2	87	30×45	AHU-2	TYPE W, PRIMA FLOW
CC-3	202	5650	753	ea	73	64	63	1.03"	40	45	55	1.3	4	168	30×36	AHU-3	TYPE W. PRIMA FLOW
HC-3	584	5650	753	-7	_	& 5	_	0.404	56	180	160	1.7	3	97	30×36	AHU-3	TYPE W, PRIMA FLOW
HC-4	484	5000	667	-7	_	85	_	0.32"	50	180	160	1.1	2	152	30×36	AHU-4	TYPE W, PRIMA FLOW
HC-5-8	36.4	1200	600	55	-	83	-	0.16	3	180	156	1.7	<u> </u>	80	12×24	LABS	TYPE T
HC-9	13.4	400	400	55	-	86	_	0.08		180	156	0.2	1	80	12 × 12	OFFICE	TYPE T

				CHI	LLERS	,wc−i w	C-2			
EVAPORAT				CONDENSER						
CAPACITY TONS	FLOW GPM	ENT H20 TEMP °F	LVG H20 TEMP °F	MAX P.D.	ENT H20 TEMP °F	LVG H2O TEMP F	MAX P.D.	POWER KW	EER	REMARKS
41.6	130	55	45	29'	<i>9</i> 5	95	21'	42.5	11.60	208/30

DESIGN BASED ON TRANE MODEL COWB 040M (DUAL)

REGIST	TER & G	RILLE S	SCHEDULE
SYMBOL	SIZE	BLOW	MODEL
Α	12 X 12	3 WAY	AM5, 3
8	12×9	4 1	l R
6	6 X 6	4	5
D	9×9	2	20
=	12×6	4	R
۶	6×6	2	1 20
G	12 ×12		VF5
나	16 X16]]	VF5
	18 X 18	1 -	AM6,1
J	18×18	2	1 26
K	6 X 6	[3]	3
L	9×9	3	3
M	12 X 12	4	6
7	9 × 6	2	25
P	12 ×9	3	315
ଔ	12×9	3	1 314
2	6 ×4	j .	VF5
6	21 X9	2 🕈	AMS, 2CR
T	ા & પ્રાહ		l i
и	12 X 9		16
	6 X6		1
W	_ 12X12		. 1
X	9 x6		IL
Y	21×21	_	20
Ζ	24×24		26
ΔΔ	24×12		21
ВВ	21×21		2
<u></u>	8×6	I WAY	VF5
00	B X 6	T 	VF7

Α	IR HAN	DLING	UNITS	3
SYMBOL	AHU-1	AHU-2	AHU-3	AHU-4
MAKE	TRANE	TRANE	TRANE	TRANE
MODEL	VDT	VOT	VD1	V01
SIZE	25	10	8	8
CFM	14200	6500	5650	5000
S.P.	2-1/2	2-1/2	2-1/2	2-1/2
0V	2133	1911	2434	1786
RPM	647	1009	1300	667
BHP	9.48	4.74	4.79	3.53
FAN	25"	5"-4	13.5"	15"
MOTOR HP	10	5	5	5
VOLTAGE	208/30	208/30	208/30	208/30

VDT - VERTICAL DRAW-THRU

CONDE	NSATE TANK
SIZE	SO GAL
DIMENSIONS	36" X 20"
WEIGHT	220 16/STAND & TANK
WATER HEIGHT	5 FT

WATERS I	HEATERS
CAPACITY	89 GAL
INPUT	154,000 BTU/UR
FUEL CONNECTION	1/2" GAL
EFF. AGA	70%
RECOVERY RATE AT	144 544 615
100°F TEMPERATURE RISE	144 GAL/HE
FLUE SIZE	6"
NO. OF BURNERS	3
WATER CONNECTION SIZE	1-1/2"
VOLTAGE	120

DESCRIPTION REVISION STATUS DATE EQUIPMENT

MADISON NATIONAL WILDLIFE
HEALTH LABORATORY
ANIMAL ISOLATION BUILDING
MADISON, WISCONSIN

DATE
7/84

DESIGNED DRAWN CHECKED DRAWING NO.

DATE
7/84

DESIGNED DRAWN CHECKED DRAWING NO.

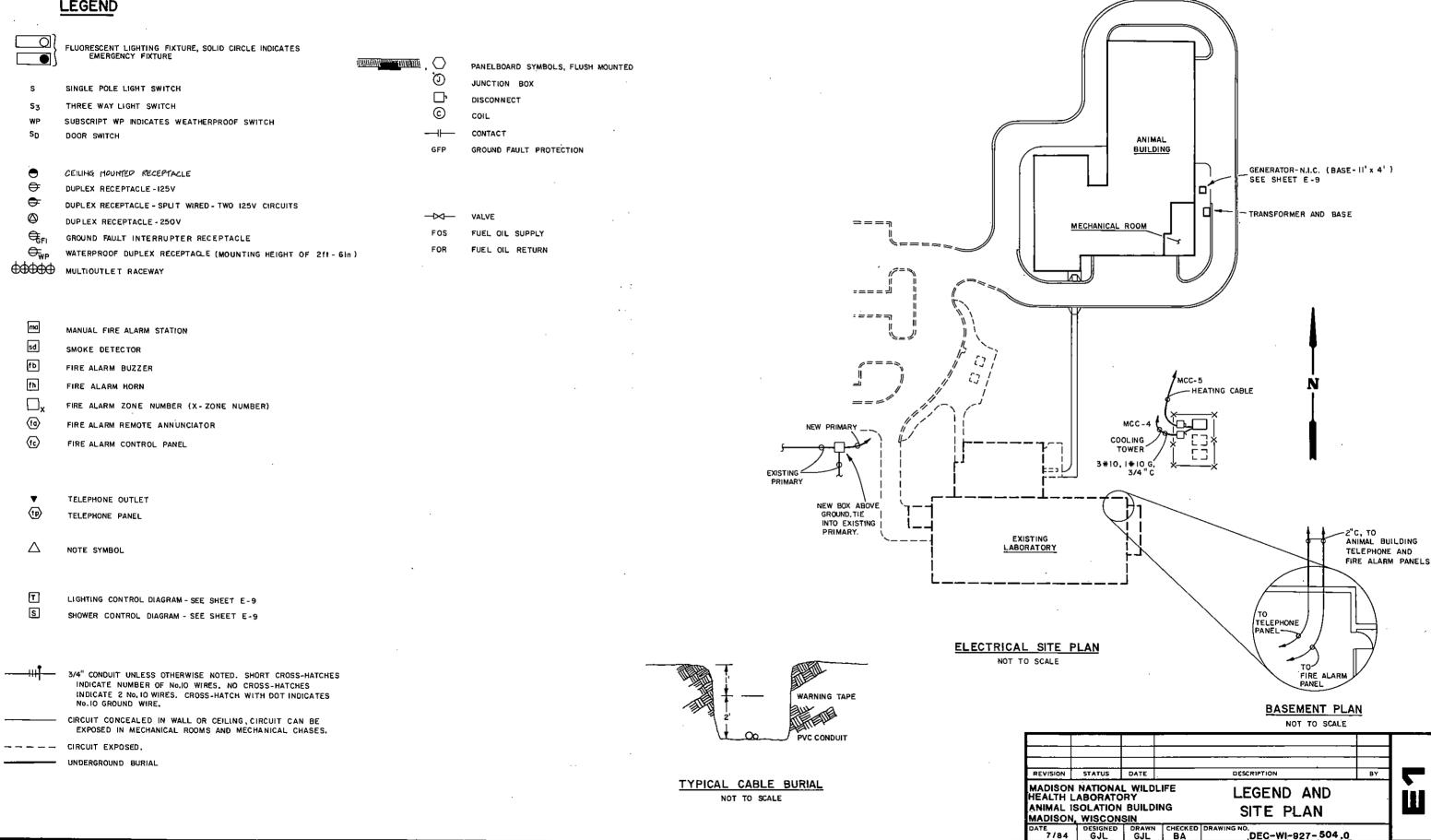
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7/84

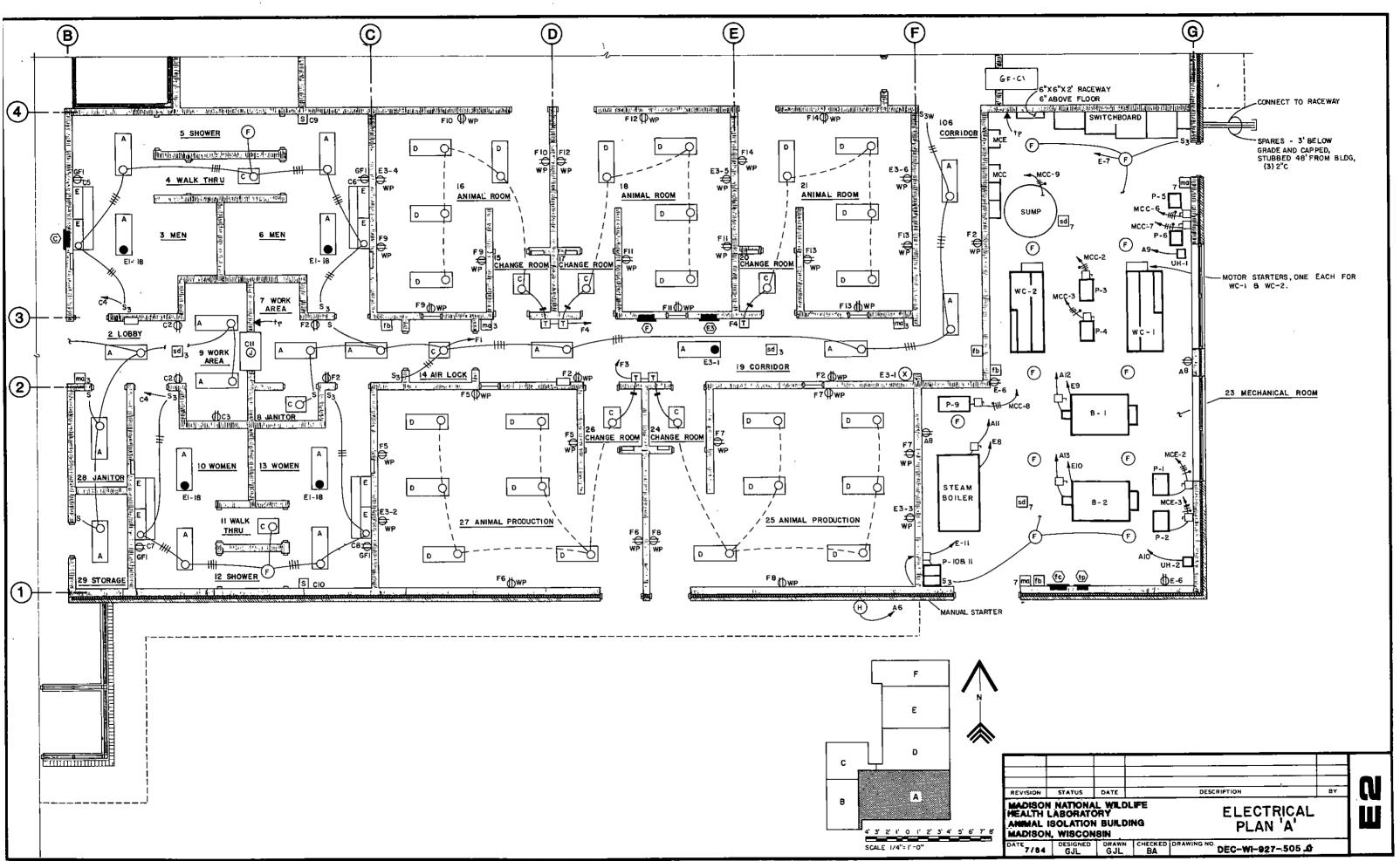
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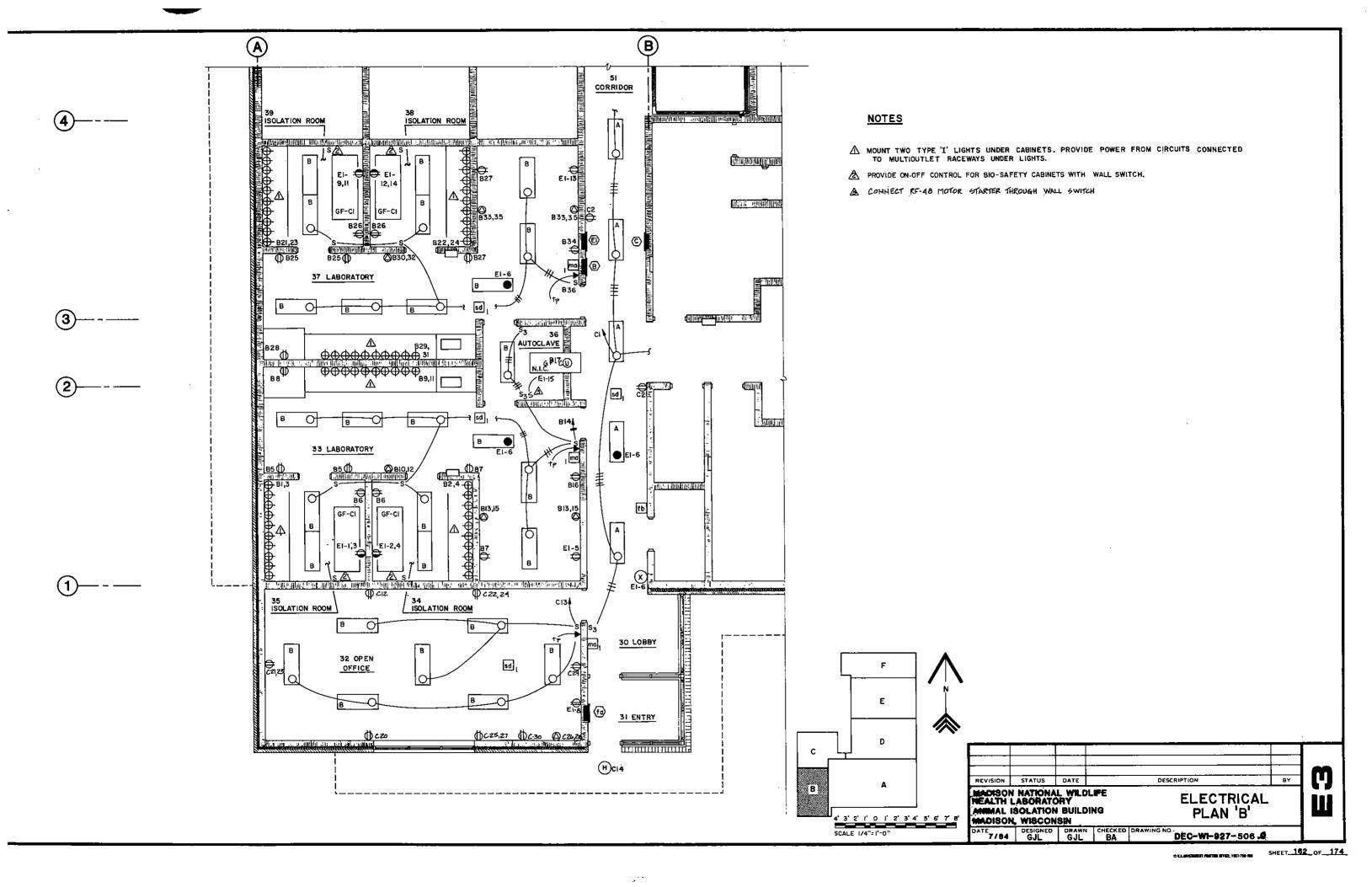
PERFORMANCE SCHEDULES

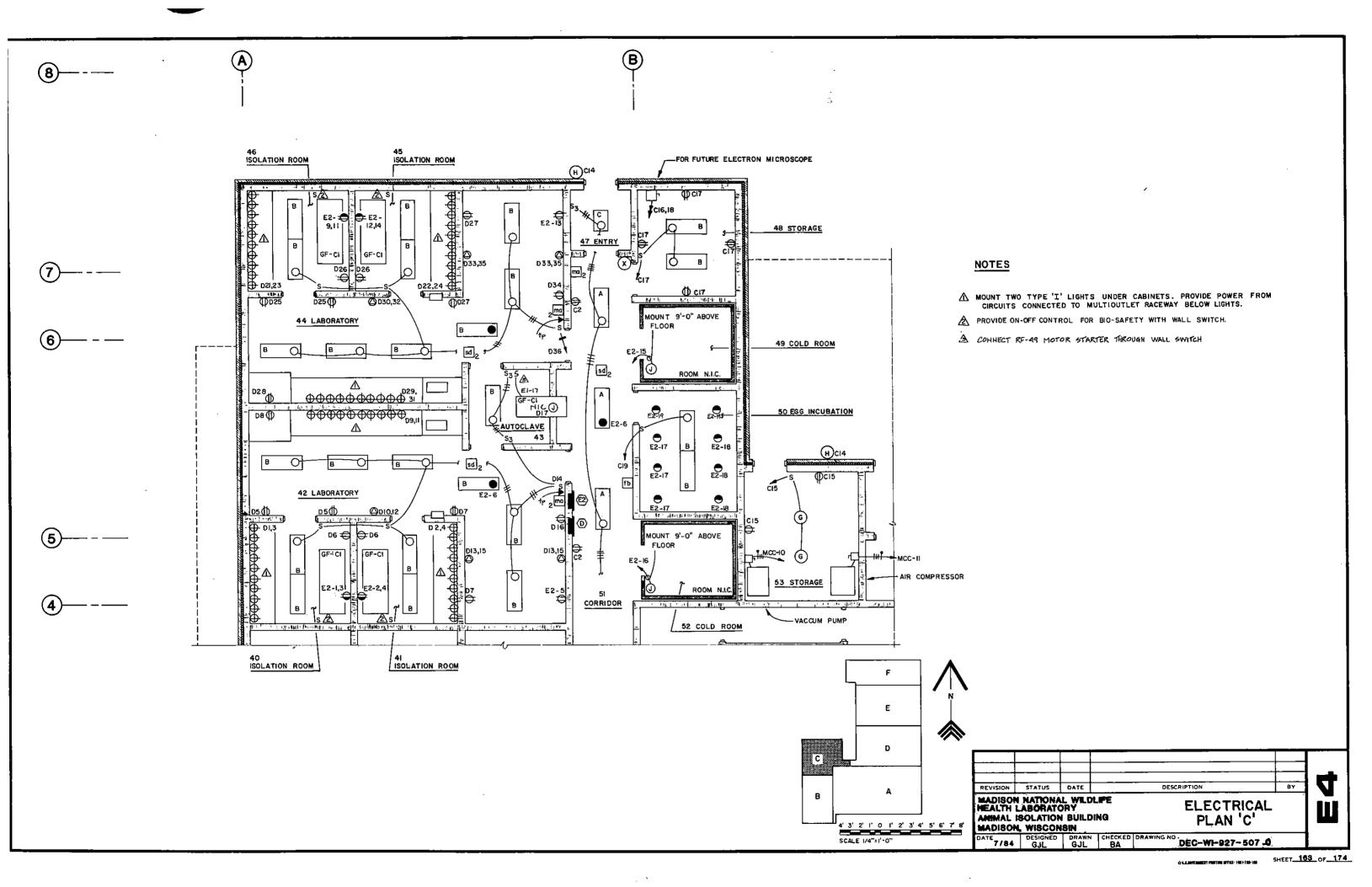
DEC-WI-927-503.0

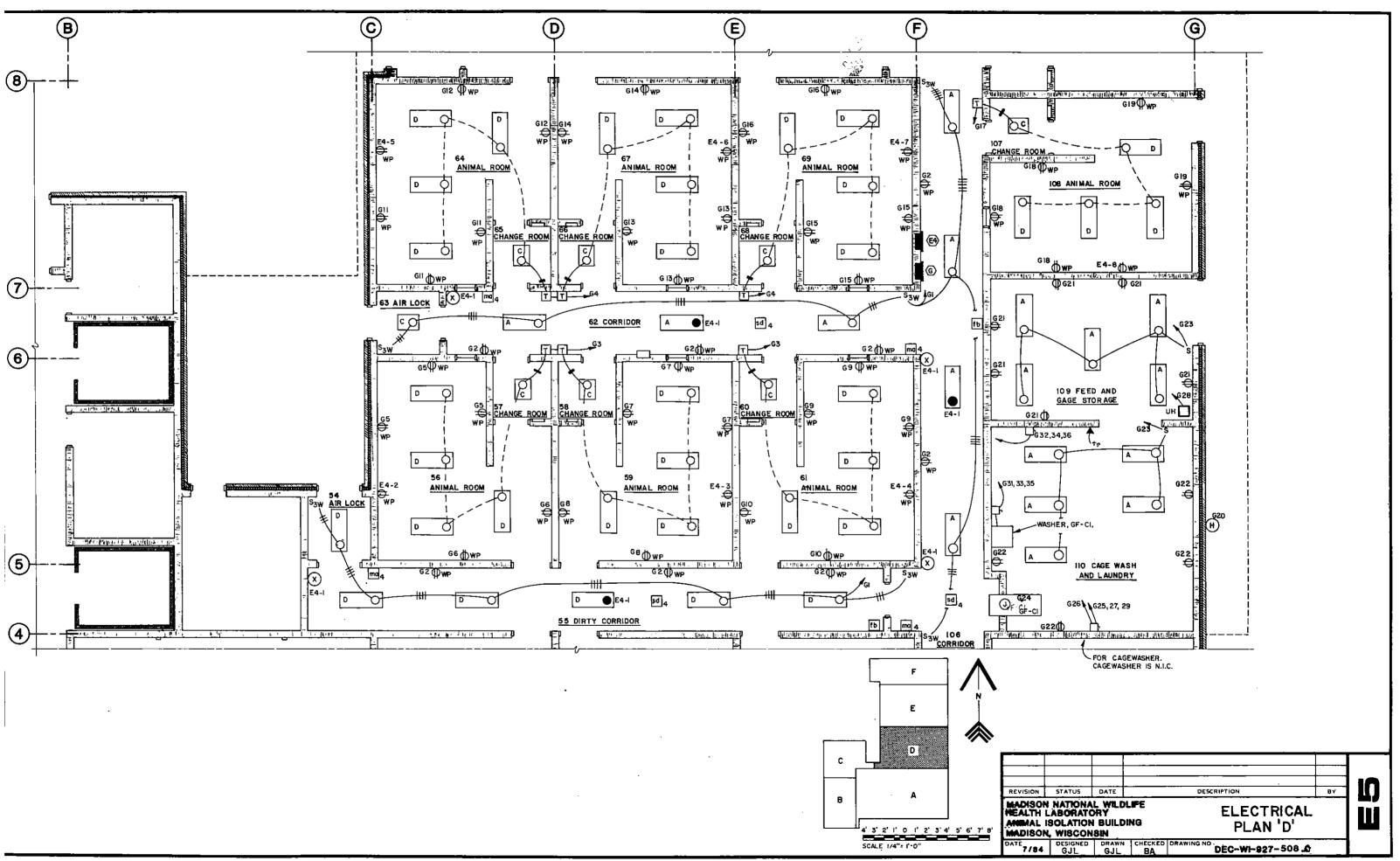
LEGEND

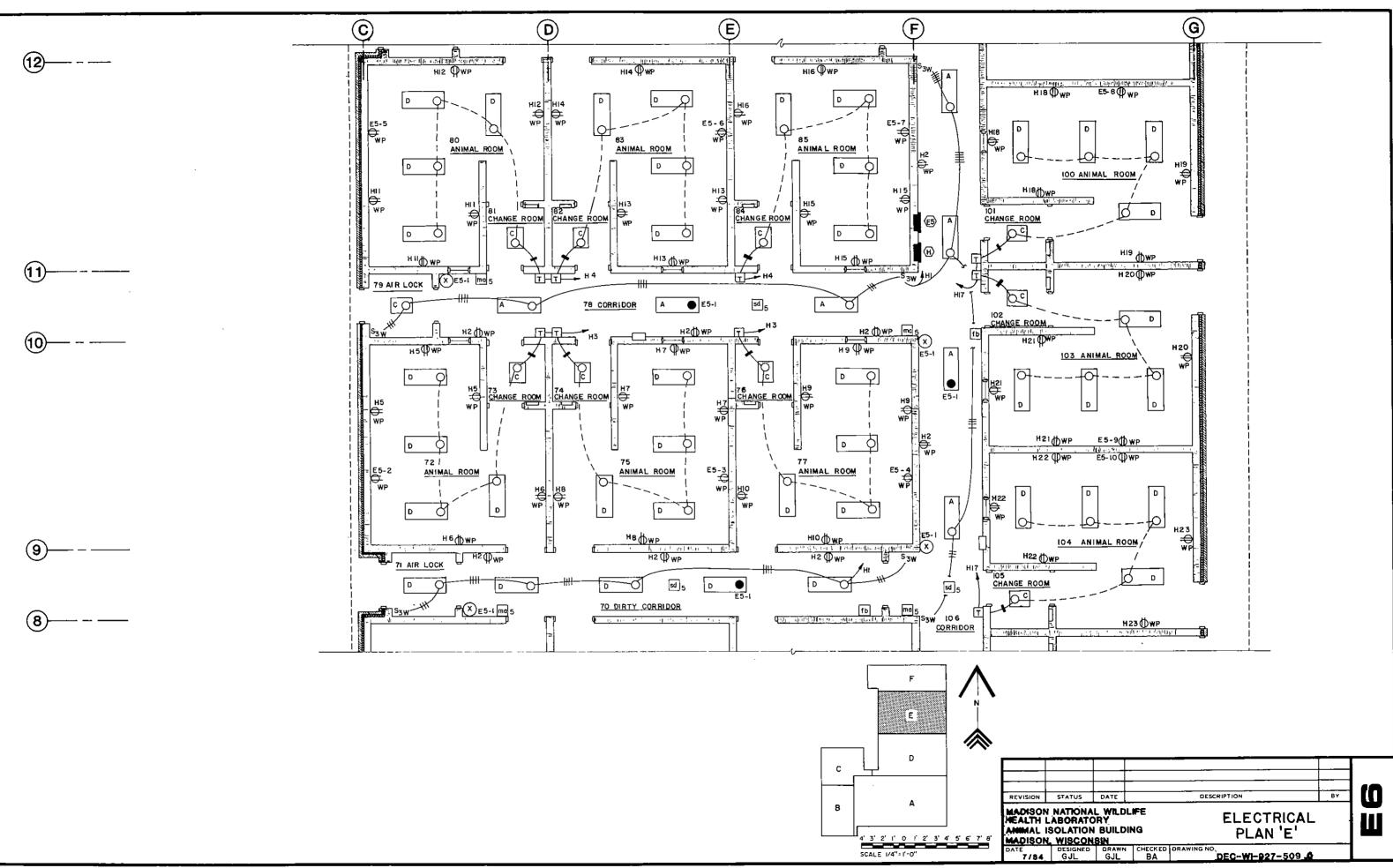


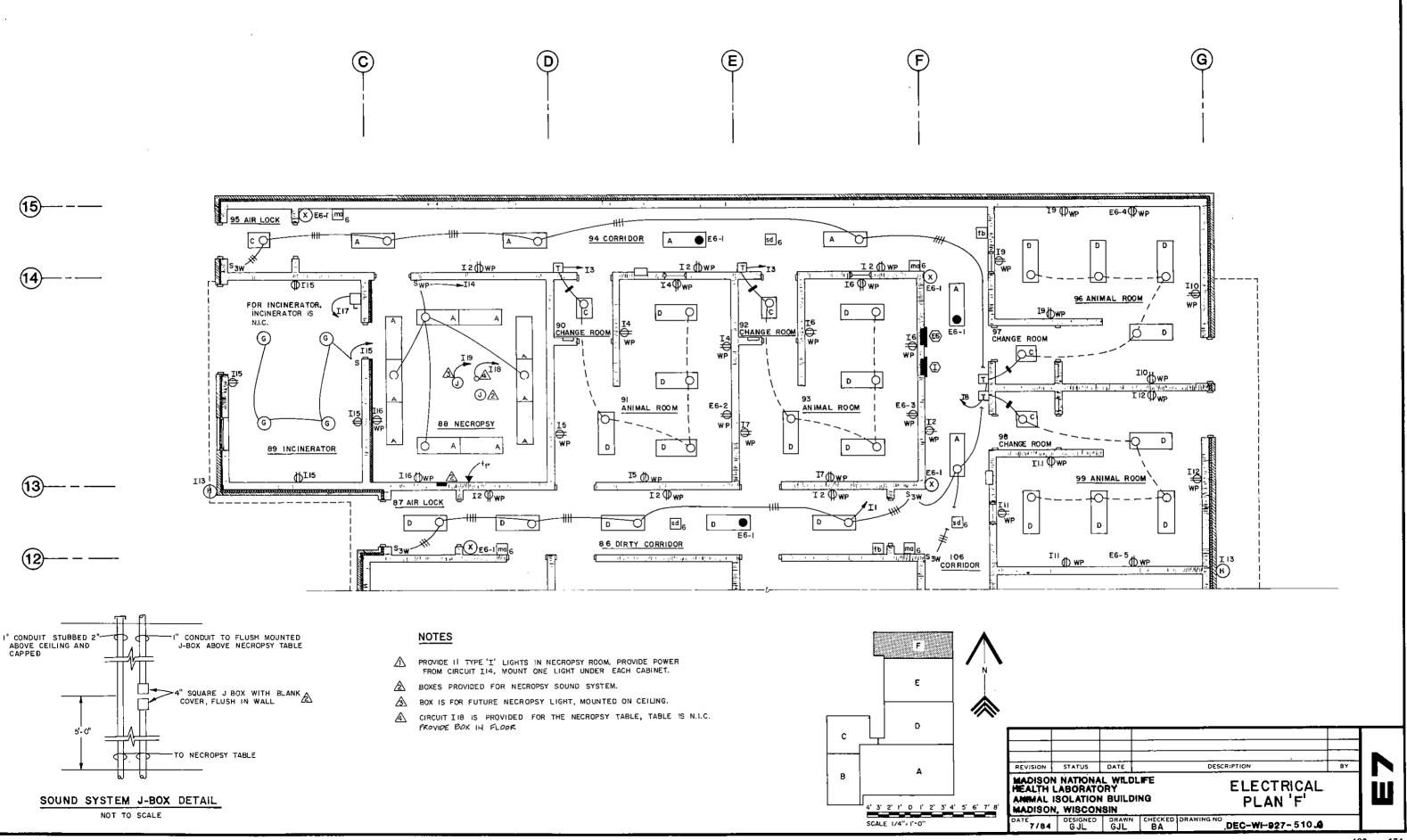


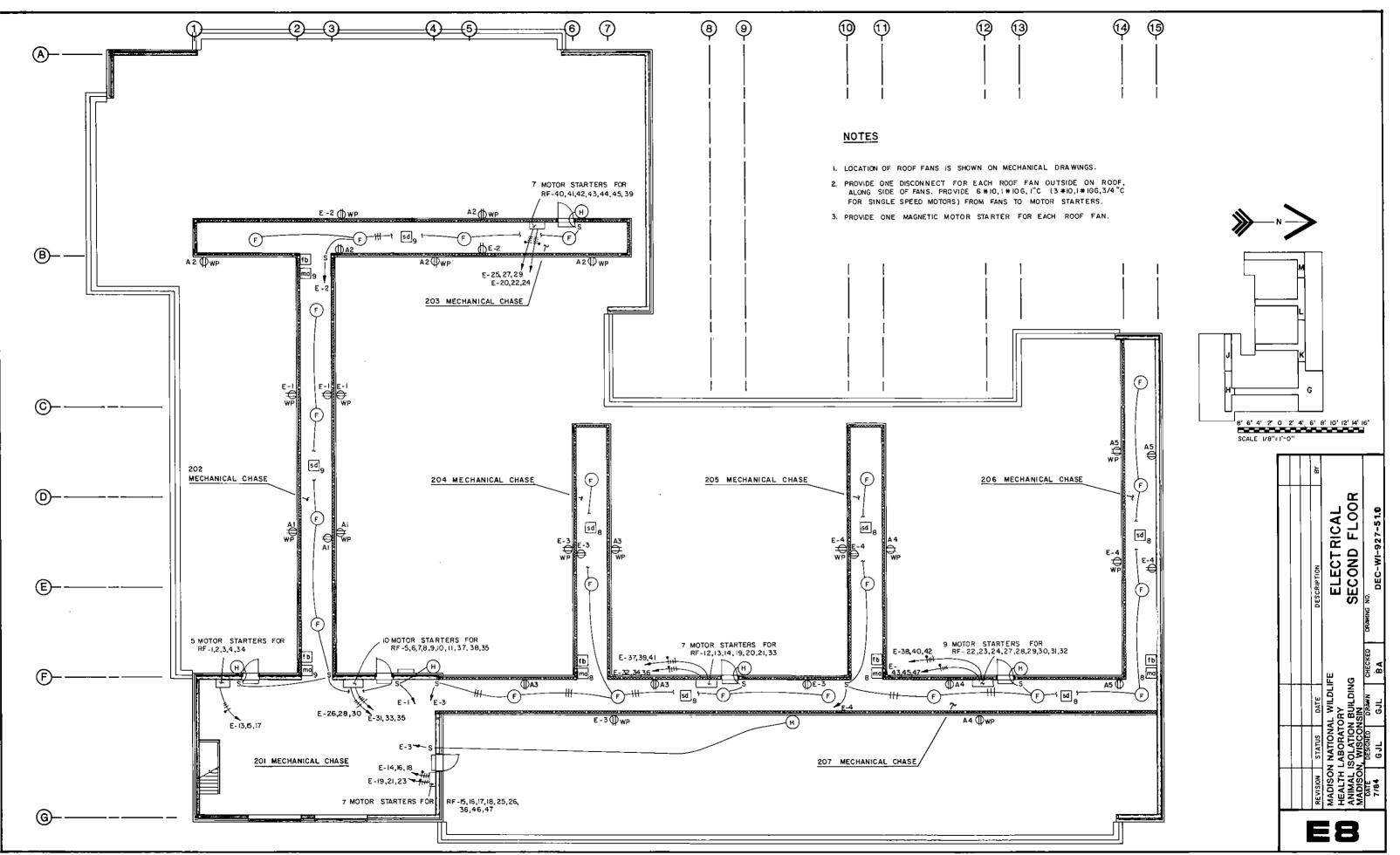


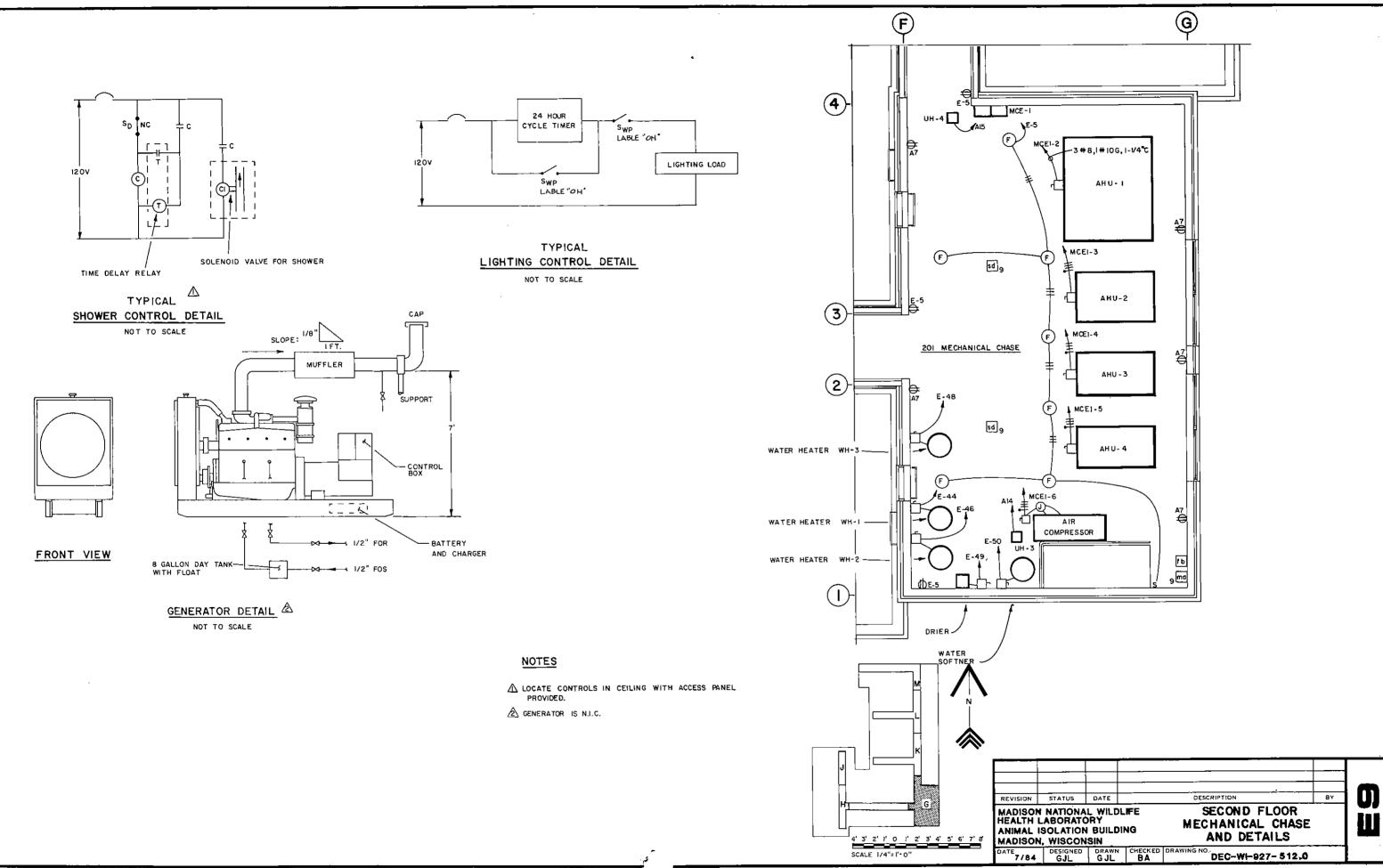








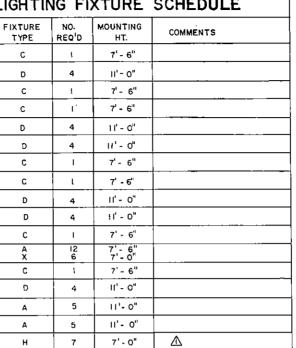


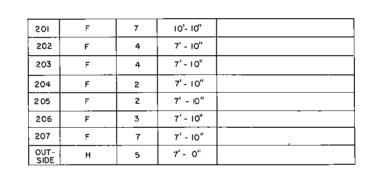


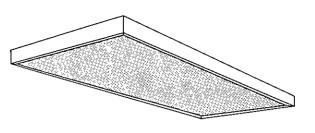
1	LIGHTII	NG FI	XTURE	SCHEDULE
ROOM NO.	FIXTURE TYPE	NO. REQ'D	MOUNTING HT.	COMMENTS
_		_		NOT USED
2	А	ı	7' - 6'	
3	A E	2	7' - 6" 6' - 5"	WALL MOUNTED
4	С	1	7' - 6"	
5	F	I	7' - 6"	
6	A E	2	7' - 6" 6' - 5 "	WALL MOUNTED
7	Α	2	7' - 6"	
8	С	I	7' - 6"	
9	А	2	7' - 6"	.,
10	. A E	2 2	7' - 6" 6' - 5"	WALL MOUNTED
11	С	ı	7'- 6"	
12	F	, l	7'- 6"	
13	A E	2 2	7' - 6" 6' - 5"	WALL MOUNTED
14	С	١	` 7'- 6"	
15	С	ı	7' - 6"	
16	D _.	4	II, - Q,	
17	С	ı	7' - 6"	
18	D	4	11' - 0"	
19	A X	3	7' - 6" 7' - 0"	
20	С	i	7' - 6"	
21	D	4	11' - 0"	
22	·—			NOT USED
23	F		8' - 6"	
24	С	1 *	7' - 6"	
25	D	6	11, - 0,,	
26	С	l	7' - 6"	
27	С	6	11' - 0"	
28	A	l	7' - 6"	
29	A	1	7' - 6"	
30	-	<u> </u>		NO LIGHTS
31	<u> </u>	_	_	NO LIGHTS
32	8	7	7' - 6" 9' - 0"	
33	<u> </u>	2	9' - 0"	
34	BI	2 2	9, - 0,	
35	B	2 2	_	ļ
36	В	ı	9' - 0"	
37	I B	6 2 2	9' - 0"	ļ
38	BT	5	9' - 0"	
39	BI	2 2	9 - 0"	
40	B I	2 2 2 2	9' - 0"	
41	BI		9' - 0"	
42	B	6 2	<u> </u>	
43	В	6	9, - 0,,	
44	BI	2 2	9' -0"	
45	B I B	2 2	9' -0"	
46	<u>I</u>	2		
47	С		7' - 6"	

		r		SCHEDULE
ROOM NO	FIXTURE TYPE	NO. REQ'D	MOUNTING HT.	COMMENTS
48	В	2	9' - 0"	
49	_		l –	
50	В	2	9' - 0"	
51	A X	8 2	7' - 6" 7' - 0"	
52.				
53	G	2	11' - 0"	
54	D	ı	11'- 0"	
55	D X	5 	11' - 0" 10' - 0"	
56	D	4	11'- 0"	
57	С	t .	7' - 6"	
58	С	1	7'- 6"	
59	D	4	11' - O"	
60	С	1	7'- 6"	
61	D	4	11' - 0"	
62	X	3 I·	7' - 6" 7' - 0"	
63	С	1	7' - 6"	
64	D	4	11'- 0"	
65	С	1.	7'- 6"	
66	С	1	7' - 6"	
67	D	4	11'- 0"	
68	С	'	7' - 6"	
69	D	4	11'-0"	
70	×	i	10' - 0"	
71	D		11' - 0"	
72	D	4	II' - O"	
73	C	<u> </u>	7' - 6"	
74	С	1	7' - 6"	
75	D	44	11' - 0"	
76	C	1	7'-6"	-
. 77	D	3	7' - 6"	
78	X	1	7' - 0"	
79	С	1	7' - 6"	
80	c ò	1	7' - 6"	
81	c	1	7 - 6"	-
82	D D	 	11'- 0"	_
84	C	1	7'- 6"	
85	D	4	11' - 0"	
	D	4	11' - O''	
86	X D		11'-0"	
88	A	10	9' - 0"	
89	- I	4	11,- 0,	
90	c	1	7' - 6"	
91	D D	4	11'-0"	
92	- c	1	7'- 6"	
1 -	1 1	↓ - <u>·</u> -		
93	D	4	11' - 0"	

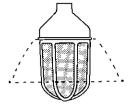
NO.	FIXTURE TYPE	NO. REQ ^I D	MOUNTING HT.	COMMENTS
95	С	ţ	7' - 6"	
96	D	4	11,-0,,	
7	c	1	7' - 6"	
98	С	T'	7' - 6"	
99	D	4	11' - 0"	
100	D	4	11' - 0"	
01	С	ı	7' - 6"	
02	С	L	7' - 6"	
03	D	4	11' - 0"	
04	D	4	fl' - 0"	
0 5	С	1	7' - 6"	
06	A X	12 6	7' - 6" 7' - 0"	
07	С	1	7' - 6"	
08	٥	4	11' - 0"	
09	Α	5	11'- 0"	
10	А	5	11'- 0"	
UT-	н	7	7' - 0"	Δ



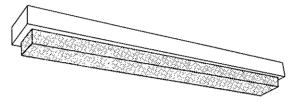




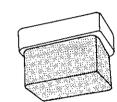
TYPE 'A', 'B', & 'C'



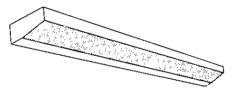
TYPE 'F' & 'G'



TYPE 'D'



YPE H



TYPE 'E'



TYPE 'X'

TYPE 'I'

LIGHTING FIXTURE DETAILS

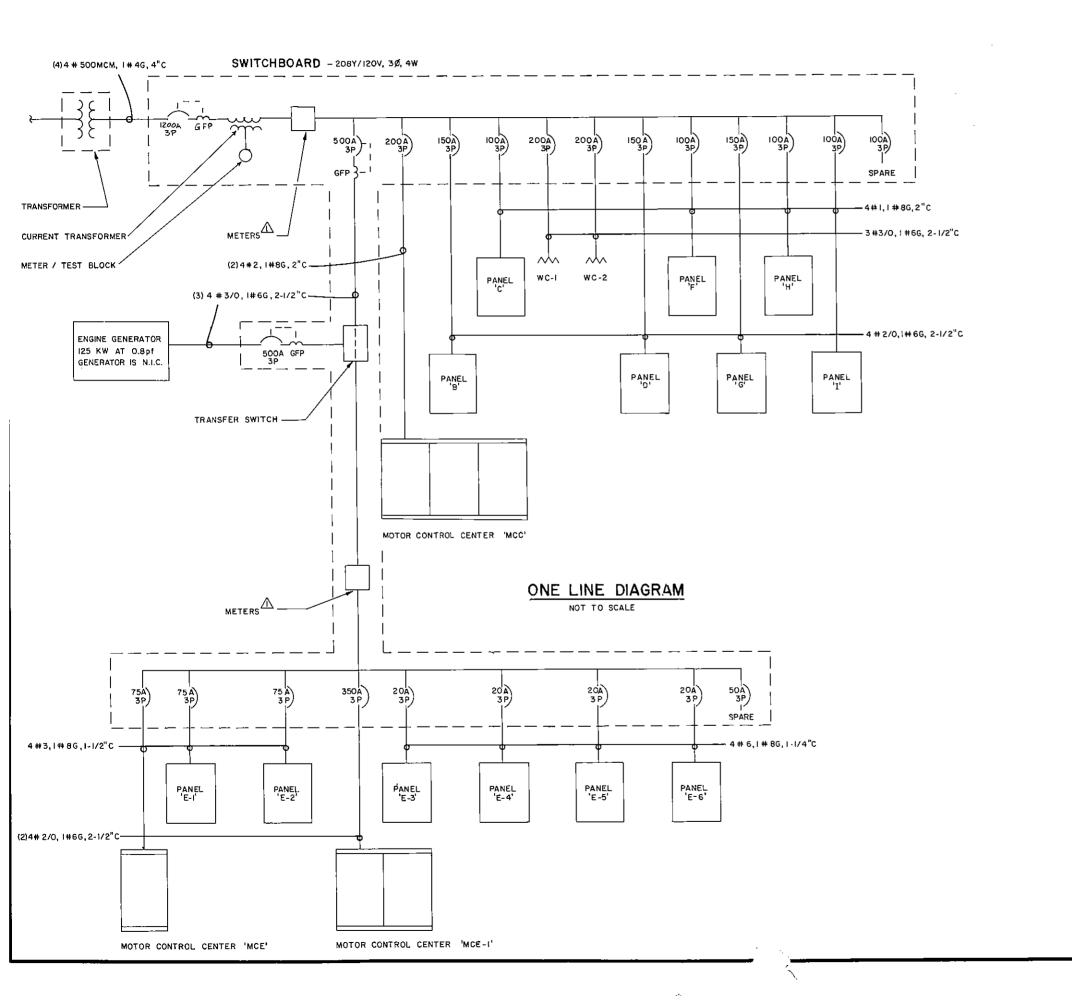
NOT TO SCALE

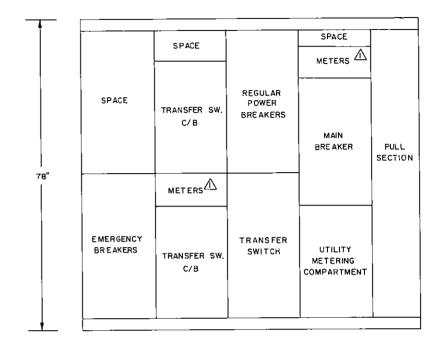
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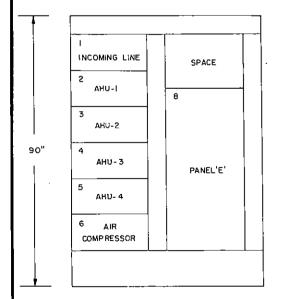
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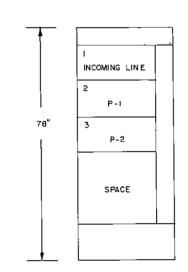
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7	PANEL 'E'	-	3	_	<u> </u>	_	

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3	P-4	3	3	1	10.6	42-198	
4	COOLING TOWER	5	3	1	16.7	42-198	
5	COOLING TOWER HEATING CABLE	_	3		15		C/B ONLY
6	P-5	2	3	<u> </u>	7.5	18-90	
7	P-6	2	3	1	7.5	18-90	
в	P-9	1	3	1	4_	8-38	
9	SUMP PUMP	1	3		4	8-38	PROVIDE CONTROLS FOR 2 PUMPS ONLY ONE RUNNING AT A TIME
10	VACCUM PUMP	5	3		16.7	42-198	
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12	PANEL 'A'	—	3		_	_	





AIR COMPRESSOR INCOMING LINE P-5 P-6 P-3 PANEL 'A' P-9 P-4 SUMP PUMP COOLING TOWER SPACE VACCUM PUMP

MCE-I'

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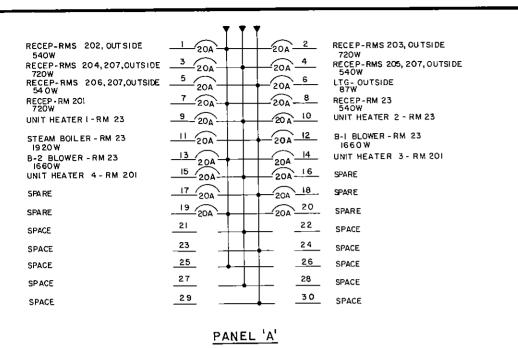
REVISION STATUS DATE MADISON NATIONAL WILDLIFE HEALTH LABORATORY ANIMAL ISOLATION BUILDING MADISON, WISCONSIN

MOTOR CONTROL

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120/208V, 3Ø, 4W, 225 A, MLO, S/N, EQUIP GND

FLUSH MOUNTED, TOTAL CONNECTED LOAD 9,700W

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SPARE

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RECEP-RM 34 RECEP-RM 35 900W RECEP-RM 34 RECEP-RM35 RECEP-RMS 34,35 RECEP-RM 33 20A 20A 8 RECEP-RM 33 360W RECEP-RM 33 900W FUME HOOD-RM 33 -7-20A 1500W 9 20A 10 RECEP-RM33 1000W 20A 12 RECEP-RM 33 900W 20A 14 LTG-RMS 33,34,35,36 RECEP-RM 33 1000W 15 20A 2000W 20A 16 RECEP-RM 33 IBOW -20A 18 17 20A SPARE AUTOCLAVE-RM 36 20A 20 19 20A SPARE 21 20A 20A 22 RECEP-RM 39 RECEP-RM 38 900 W RECEP-RM 39 900 W 900W RECEP-RM 38 20A 24 23 20A 900W RECEP-RMS 38, 39 360W 20A 26 25 20A RECEP-RM 37 FUME HOOD-RM 37 20A 2B 27 20A RECEP-RM 37 29 20A 30 RECEP-RM 37 900 W RECEP-RM37 31 20A 20A 32 RECEP-RM37 20A 34 RECEP-RM 37 RECEP-RM 37 180W LTG-RMS 37, 38, 39 W0001 35 20A 20A 36 IBOOW 20A 38 37 20A-SPARE 20A 40 SPARE 39 20A -41_20A SPARE

RECEP-RMS 2.5I LTG-RMS 2,9,28,29,51 1080W LTG-RMS 3-6,10-13 1400W RECEP-RM 6 HOOW ICE MAKER-RM9 20 A _ 6_ RECEP-RM 3 ISOW RECEP-RM IO 180W 20A B RECEP-RM 13 IBOW CONTROL - RM 6 20A 10 9 20A CONTROL-RM 13 UV CHAMBER-RM 9 11 20A 20A 12 RECEP-RM 32 IOSOW LTG-OUTSIDE 26!W 20A 14 _13 20A LTG-RM 32 1400W LTG,RECEP-RM 53 960W 15 20A DISCONNECT 20A 3300W LTG, RECEP-RM 48 17 20A 20A 20 19 20A LTG-RM 50 400W RECEP RM 32 20A 22 RECEP RM 32 RECEP RM 32 20A 24 23 20A RECEP RM 32 RECEP RM 32 25 20A <u> 26</u> RECEP RM 32 RECEP RM 32 20A 28 27 20A RECEP RM 32 RECEP RM 32 _20A 30 29-20A RECEP RM 32 RECEP RM 32

PANEL 'C'

120/208V, 30, 4W, 225A, MLO, S/N, EQUIP GND FLUSH MOUNTED, TOTAL CONNECTED LOAD 14.100W PROVIDE A 42 SPACE PANELBOARD WITH 6 20A SPARES

PANEL B'

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RECEP-RM 42	15 20A 16 20A 16	LTG-RMS 40,41,42,43 2000W RECEP-RM 42 IBOW	RECEP-RM 2I 540W SPARE SPARE	* 13 20A 20A 16 * RECEP-RM 21 360W SPARE 17 20A 18 SPARE
AUTOCLAVE – RM 43 360 W SPARE	19 20A 20	SPARE SPARE	SPACE	19 20 SPACE
RECEP-RM 46 900W	21 20A 20A 22 23 20A 20A 24	RECEP-RM 45 900W RECEP-RM 45	SPACE SPACE	21 22 SPACE 23 24 SPACE
RECEP-RM 46 900W		900w	SPACE	25 26 SPACE
RECEP-RM 44 360 W RECEP-RM 44	25 20 A 20 A 26 20 A 28 20 A 28	RECEP-RMS 45, 46 360W FUME HOOD-RM 44	SPACE	27 28 SPACE
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360w

SPARE

SPARE

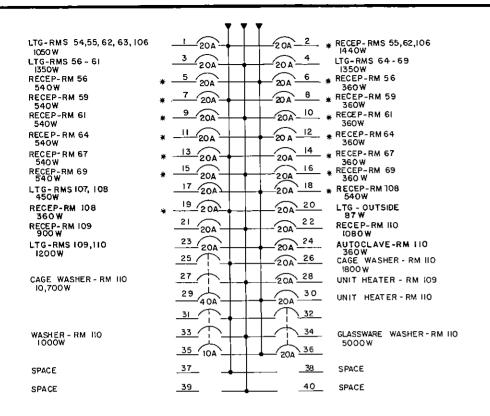
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FLUSH MOUNTED, TOTAL CONNECTED

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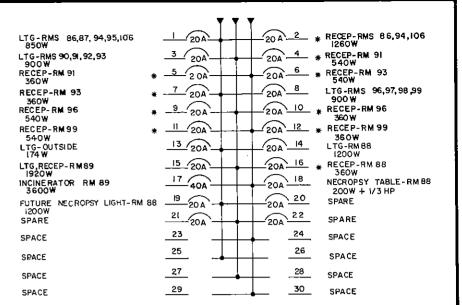
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RECEP-RM 75 540 W	* 7 20A	20A 8 *	RECEP-RM 75
RECEP-RM 77 540W	* 9 20A	20A 10 *	RECEP-RM 77
RECEP-RM 80	* -11 20A	20 A 12 *	RECEP-RM 80
540W RECEP-RM 83	* 13 20A	20A - 14 *	RECEP-RM 83
540 W RECEP-RM 85 540 W	* 15 20A	20A 16	RECEP-RM85
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RECEP-RM IOO 360W	* 19 20A	20A 20 *	RECEP-RM IO3
RECEP-RM 103 540 W	* 21 20A	20A 22 *	RECEP- RM 104 540 W
RECEP-RM IO4	* 23 20A	20A 24	SPARE
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SPARE	27 20A	20A 28	SPARE
SPARE	29 20A	20A 30	SPARE

PANEL 'H'

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GFI BREAKER

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PANEL 'I'

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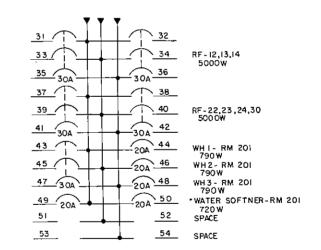
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PANEL 'G'

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GFI BREAKER

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IG50W B-1 CONTROLS - RM 23 600 W P10 B P11 1400W	9 20A 10 11 20A 12 13 14	B-2 CONTROLS-RM 23 600 W SPARE	RF-19,20,21,33 5000 W
RF-1,2,3,4,34 4800W	15 16 16 18 19 20	RF-15,16,17,46,47 4950W	RF- 27, 28, 29, 31, 32 5000W
RF-18,25,26,36 5136W	21 23 30A 24 25 26	RF-40,41,42 2660W	280W SPACE SPACE
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PANEL 'E'

120/208V, 3Ø, 4W, MLO, S/N, EQUIP GND TOTAL CONNECTED LOAD 66,650W PANEL 'E'

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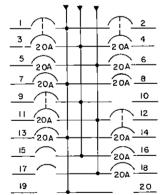
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PANEL 'E-2'

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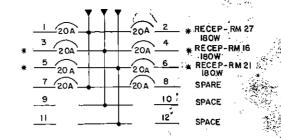
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PANEL'E-I'

120/208 V, 30, 4W, 100 A, MLO, S/N, EQUIP GND FLUSH MOUNTED, TOTAL CONNECTED LOAD 13,360 W LTG-RMS 19 120W RECEP-RM 25 RECEP- RM 18 SPARE SPACE SPACE



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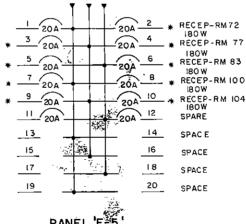
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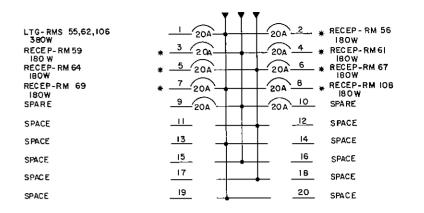
SPACE



PANEL E

120/208V, 30, 4W, 100A, MLO, S/N, EQUIP GND FLUSH MOUNTED, TOTAL CONNECTED LOAD 2,000W

GFI BREAKER



PANEL 'E-4'

120/208V, 30, 4W, 100A, MLO, S/N, EQUIP GND FLUSH MOUNTED, TOTAL CONNECTED LOAD 1,640W

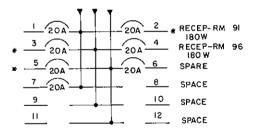
GFI BREAKER

LTG -RMS 86,94,106 RECEP-RM 93 RECEP-RM 99 180W SPARE SPACE SPACE

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DESIGNED GJL

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PANEL'E-6'

120/208V, 30, 4W, 100A, MLO, S/N, EQUIP GND FLUSH MOUNTED, TOTAL CONNECTED LOAD 1,100 W

GFL BREAKER

REVISION STATUS DATE DESCRIPTION MADISON NATIONAL WILDLIFE HEALTH LABORATORY **PANEL** ANIMAL ISOLATION BUILDING **SCHEDULES** MADISON, WISCONSIN

DEC-WI-927-518 0

ATTACHMENT H: ARCHAEOLOGICAL SURVEY REPORT FOR 1977 INVESTIGATIONS AT NWHC

REPORT OF ARCHAEOLOGICAL SURVEY

PROJECT TITLE:

Archaeological Survey of Ansul Laboratory Site and Adjacent Woods

LOCATION:

Section: T7N R9E SW% of SW% Section 30

Township: Madison

County: Dane

State: Wisconsin

CONTACT:

Dr. Louis Locke U.S. Fish and Wildlife Health

1655 Linden Drive Madison, Wisconsin 53706 608/252-5411 ARCHAEOLOGIST:

T. Douglas Price
Department of Anthropology
5240 Social Sciences Bldg.
University of Wisconsin
Madison, Wisconsin 53706

Office: 608/262-4343 Home: 608/233-1340

PROPOSED PROJECT:

Development of a portion of a 23.7 acre tract in the Town of Madison, Dane Co., is planned for facilities for the U.S. Fish and Wildlife Health Lab. An existing structure will be rennovated. An area with a storage shed and air conditioning unit will be converted into a garage area and a large (approximately 10,000 sq. ft.) facility will be constructed in the project area. In addition, a 10 acre tract of woods to the east of the project area is to be purchased as a buffer zone. The focus of new construction activities will be in in a roughly 12 acre area to the north of the existing building at the site.

Lab

SURVEY RECOMMENDATION:

Archaeological survey procedures involved the surface inspection of the entire area for the proposed construction, that is in the roughly 12 acre area north of the existing structure. In addition this area was investigated for subsurface remains using a grid of subsurface test pits spaced approximately 20 m. apart across the entire area north of the existing building. The 10 acre tract of woods was surface inspected and 6 test pits excavated at the south end of this tract near Schroeder Road. No archaeological or historical remains were encountered within the boundaries of the project area north of the existing building or within the tract of woods. The proposed development will not affect any significant archaeological or historical remains. and no damage to cultural resources in the area is anticipated on the basis of the archaeological survey. If plans are changed and new facilities are proposed to the south of the existing building, a new survey would have to be conducted.

T. Douglas Price, Ph.D.

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letter to -

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Proposed project	3
Site Description	4
Survey procedures	5
Survey results	6
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PROPOSED PROJECT

Phone conversations and correspondence with Dr. Louis Locke and M. Ona Lewis of the U.S. Fish and Wildlife Health Lab (1655 Linden Drive, Madison, Wisconsin, 53706) requested an archaeological survey for the proposed purchase and development of a 23.7 acre tract of land previously owned by Ansul Laboratories. The project area is located in the SW4 of the SW4, Section 30, T7N R9E, Town of Madison, Dane Co., Wisconsin (Fig. 1). The project area lies between Schroeder Road and the Beltline in the extreme SW4 of Section 30.

Conversations with Dr. Locke on the morning of the survey indicated that the project involved four major facets: (1) the rennovation of the existing building (the former Ansul Lab) on the property, (2) erection of a multi-vehicle garage on a site to the northeast of the lab where a storage shed and air-conditioning unit now stand, (3) new construction of a 10,000 sq. ft. facility on the property, and (4) purchase of the woods to the east of the 23.7 acre area to act as a buffer area between the lab and the continuing development along Schroeder Road. There is no current map of the specific project area or of the location of planned construction activities because the land has not yet been purchased.

Clearly the existing building and the area planned for the garage have already been completely disturbed and could not be included in the survey. Conversation with Dr. Locke indicated that the 10,000 sq. ft. facility would most probably be built behind the existing building, that is to the north. Dr. Locke also requested a survey and partial test of the 10 acre wooded tract because of the possibility of the presence of an archaeological site in this portion of the survey area, as mentioned in a letter from Richard A. Erney, State Historic Preservation Officer at the State Historical Society.

It was agreed with Dr. Locke that the archaeological survey would thus focus on two areas within the project area: (1) the northern half of the 23.7 acre (approximately 12 acres) area where the 10,000 sq. ft. facility would most likely be erected (hereafter referred to as the north section), and (2) the wooded strip of approximately 10 acres to the east of the 23.7 acre area (hereafter referred to as the wooded tract). It is understood that in the event that the 10,000 sq. ft. facility is to be erected to the south of the existing building on the property, that a new archaeological survey would have to be conducted as this area was not included in the present survey.

SITE DESCRIPTION

Physical Setting

The entire project area covers approximately 35 acres running in a north-south direction from the Beltline to Schroeder Road. In the central part of the project area is a large building erected on a landscaped man-made terrace. A gravel road runs from Schroeder Road along the western edge of the property and behind this building, terminating at a storage shed and air-conditioning unit. The large building and its associated parking lot effectively divide the plot into two equal sections, north and south. Both the north and south sections are moderately dissected, hummocky grassland with rather steep slopes (10-20°) characterizing much of the area. The level tops of the knolls in the area are generally small and there is not much level land within the project area. Because of the uneven topography and the presence of abundant gravel in the soil, it is unlikely that this area has ever been plowed. Moreover, no plow zone was observed in sections or in test pits in the area.

The wooded tract along the east edge of the project area is a thick deciduous woods with abundant undergrowth. This woods narrows to the south toward Schroeder Road. The topography in the wooded tract is similiar to that of the grassland with rather steep slopes and uneven terrain. The north section of the wooded tract is dominated be a large north-south oriented ridge.

One small kettlehole occurs in the northwest corner of the north section and the surface of the kettlehole is now completely filled in and also overgrown with grass. No other potential water sources were observed in the north section or in the wooded tract.

The soil in the project area is primarily characterized by the presence of abundant gravel and numerous glacial erratics. In general, as observed in the test pits and other sections, there is a thin (approximately 6") dark brown topsoil on top of the gravel, silty-clay subsoil. The gravel subsoil is almost certainly a till. On the north slopes of the knolls and in the lower areas of the north section, the dark brown humic topsoil was observed to be thicker (up to 15") and to contain much more silt. It is likely that these areas reflect more loess deposition at the close of the Pleistocene period. In general, the area would appear to represent an original Post-glacial surface, modified only by gradual Recent erosion and deposition. Any archaeological sites in the area are expected to lie very close to the surface.

One major area of disturbance was noted in the initial field inspection of the north section. A large area, approximately 100 m. in diameter, located in the west-central portion of the north section had served at one time as a gravel quarry or borrow pit for landfill. This area had been excavated into the hillside to a depth of approx. 20', This operation resulted in the removal of the original ground surface in this portion of the north section.

Archaeological Context

Numerous sites are reported in the Town of Madison in the Site Codification Files of the State Archaeologist, State Historical Society Building, Madison, Wisconsin. However, inspection of the site files revealed only one site located in section 30. This was also the site reported by Richard Erney in the correspondence with Dr. Locke:

The Dietz Site—an Indian village site located in the SW of the SE of Section 30, Town of Madison. The site was reported by D.A. Baerreis (Dietz, et al. 1956). Cultural features, storage pits, lithics, and ceramic materials belonging to the Woodland period are reported in an area roughly 500' north of the NW edge of the Hemmersley Marsh, some 2 miles east of Lake Wingra.

This site is located approximately 1.5 miles from the project area and could not possibly occur within the boundaries of the proposed development considered here.

SURVEY PROCEDURES

The archaeological survey of the project area was conducted on September 23, 1977, under the direction of T. Douglas Price. Field assistants in the survey were Michael Malpass, Denise Carlevato, and Melissa Conners—graduate students in archaeology at the University of Wisconsin-Madison.

The archaeological survey in the north section of the project area involved both the surface inspection of the plot and subsurface test pitting as well as the examination of exposed sections in the gravel quarry and along the west sides of the north section. The entire north section was walked and the surface and various exposures were examined. The surface inspection provided a familiarization with the area and allowed for the observation of disturbances and the location of potential areas of archaeological significance. Specifically during the surface inspection we were looking for artifacts or surface features such as mounds. No archaeological remains were encountered during the surface investigation.

Subsurface testing was begun in the north section to reveal any buried archaeological materials. A grid of approximately 20 paced meters was used to deploy the test pits.over the entire north section with the exception of the areas of disturbance in the gravel quarry and in the areas of the storage shed and air-conditioning unit. The standard test pit was approximately 50x50 cm. and was excavated into the top of the light-brown, silty-clay subsoil. The depth of the test pits varied from roughly 6-20". For each test pit, the sod was removed and examined for remains and then the test pit was skim-shoveled down to the subsoil. Approximately 40 test pits were excavated in this

manner in the north section. In most cases, the test pits were concentrated on the higher, more level areas of the north section rather than along the steeper slopes. No archaeological remains were encountered in the course of the test pit program in the north section.

The wooded tract, although not scheduled for development, was surveyed. The entire tract was surface inspected by walking fourabreast at a distance of roughly 10-15 m. down the length of the tract. This transect was repeated through the woods. No surface features, particularly mounds, were observed in the course of the surface inspection.

In addition, at the south end of the wooded tract, there is a rather high grassy knoll adjacent to Schroeder Road. Six test pits were excavated in this area, in the same manner described above, to look for possible subsurface remains. It was thought at the time that this area might be adjacent to a reported site (47DA12). No remains were found in these test pits.

The survey and testing procedures were fully sufficient in my judgement to determine the archaeological potential of the area.

SURVEY RESULTS

As noted above, the surface and subsurface inspection program failed to reveal any archaeological or historical remains within the area of the proposed project. The testing and surface inspection should have exposed any significant archaeological remains and none were encountered. The testing was carried to a depth that should have insured the recovery of any archaeological remains with the exception of very old and deeply buried materials. Because of the suspected age of the ground surface, any archaeological remains should have been encountered within the topsoil and they were not. For these reasons, it is unlikely that any significant archaeological remains are to be found within the area of the project.

IMPACT AND PECONMENDATION

INTACT

The proposed development and construction in the project area will not have a significant affect on any archaeological or historical remains as determined from the archaeological survey described in this report.

RECOMMENDATION

Development of the facilities and buildings for the U.S. Fish and Wildlife Health Lab may proceed with regard to the potential destruction of cultural resources. No archaeological or historical remains were found within the area and none are expected to be disturbed by the proposed developments. This recommendation is based on the assumption that the 10,000 sq. ft. facility will be erected north of the present building on the site. If plans are changed such that construction would affect the south section of the project area, a new archaeological survey would have to be conducted.

As is always the case, unexpected archaeological materials, perhaps deeply buried, may be encountered during the course of future construction. In such an event, the office of the State Archaeologist should be notified immediately in order to mitigate the impact of construction on the materials. The office of the State Archaeologist:

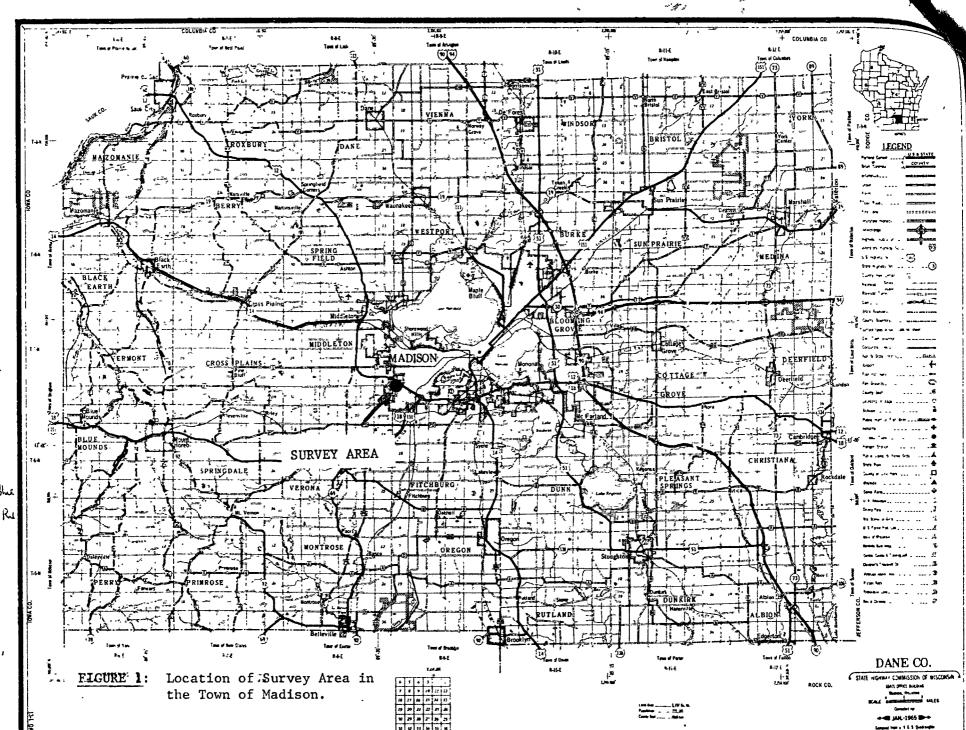
Dr. Joan Freeman
37 State Historical Society Building
University of Wisconsin-Madison
Madison, Wisconsin 53706
608/ 262-9566

NOTE

Copies of this report are being sent to the Wisconsin Archaeological Survey and to the Wisconsin State Archaeologist.

REFERENCES

Dietz, Baerreis, Nero, and Custer
1956 "The Dietz Site"
The Wisconsin Archaeologist, N.S. 37(1): 1-20.



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THE STATE HISTORICAL SOCIETY OF WISCONSIN

816 STATE STREET / MADISON, WISCONSIN 53706

September 14, 1977

Dr. Louis N. Locke U.S. Fish and Wildlife Health Lab 1655 Linden Drive Madison, Wisconsin 53706

SHSW: 07-72-77

Dear Dr. Locke:

As requested in your letter of August 25, 1977, we have examined our files for sites of archeological, historical or architectural significance located in the 23.7 acre tract of land proposed for your disease and diagnostic research center.

There are no structures of architectural or historical significance located on this property. A prehistoric village site is recorded in the SW 1/4 of SE 1/4 of Section 30, T7NR9E, Dane County. Since this village site is located only a short distance to the **Q**ast of the property in question, it is quite probable that additional archeological resources will be located in this area.

Compliance with Section 106 of the National Historic Preservation Act (Public Law 89-665, as amended) requires Federal Agencies to identify all resources listed on, or eligible for inclusion on, the National Register of Historic Places that may be affected in any federally funded, licensed or permitted projects. In order to do this, we would recommend that an archeological survey of this site be undertaken. We are enclosing a list of qualified archeologists who may be contacted to perform this survey.

Additionally, we do not know if you have investigated the possibility of locating space in a historic structure as required in the Public Buildings Cooperative Use Act of 1976 (Public Law 94-541).

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If we can be of any further assistance, please contact Mr. Richard W. Dexter (608/262-2732) in the Historic Preservation Division.

Sincerely,

Richard A. Erney

State Historic Preservation Officer

Environmental Review Coordinator

RAE:rdd Enclosure

cc: Mr. Joseph P. Hough

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University of Misconsin—Madison

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British property

DEPARTMENT OF ANTHROPOLOGY 5240 SOCIAL SCIENCE BUILDING

MADISON, WISCONSIN 53706

Ms. Ona Lewis/Dr. Louis Locke
U.S. Fish and Wildlife Health Lab
1655 Linden Drive
Madfson, Wisconsin 53706

Dear Dr. Locke:

Per our phone conversations and your letter of September 21, 1977, I am sending you a cost estimate to conduct an archaeological survey of the site located in the Town of Madison, Section 30, T7N R9E, SW¹4, of SW¹4, Schroeder Road to the Beltline. I am estimating that this survey can be conducted in one day by myself and a team of field assistants. On the basis of this estimate, i.e. for a one day survey, the cost of the survey and the preparation of a report on the potential impact of construction on archaeological/historical materials in the area will be \$350.00. In the event that the survey requires an additional day, the cost will increase by \$250.00 to a total of \$600. If I can provide additional information, please do not hesitate to contact me, 608/262-4343. It would be most useful and efficient if you could provide me with the planning maps of the area so that I can indicate the areas of archaeological survey and most accurately report the results of the inspection.

Sincerely,

T. Douglas line

T. Douglas Price, Ph.D. Assistant Professor



United States Department of the Interior

FISH AND WILDLIFE SERVICE

IN REPLY REFER TO:

U.S. Fish & Wildlife Health Lab 1655 Linden Drive Madison, Wisconsin 53706

September 21, 1977

Dr. T. Douglas Price Department of Anthropology University of Wisconsin Madison, Wisconsin 53706

Dear Dr. Price,

We request you to make an archeological survey of the site located in the Town of Madison, Section 30, Town 7N Range 9E Southwest Quarter of Southwest Quarter. Schoreder Road to the Beltline.

Please contact Dr. Louis Locke or myself at 252-5411 when this will be possible and for further assistance.

Ona Lewis

Administrative Officer

U.S. Fish and Wildlife Health Lab

Enclosure

University of Wisconsin—Madison

DEPARTMENT OF ANTHROPOLOGY 5240 SOCIAL SCIENCE BUILDING



4 October 1977

Dr. Louis Locke U.S. Fish and Wildlife Pealth Lab 1655 Linden Drive Madison, Wisconsin 53706

Dear Dr. Locke:

I am enclosing three copies of the report of the archaeological survey of the Ansul Lab site that was undertaken for your organization. In essence, the report states that no archaeological remains were encountered during the course of the survey and that no impact on cultural resources in the project area is anticipated. I am also sending copies of the report to the Historic Preservation Office, the office of the State Archaeologist, and to the Wisconsin Archaeological Survey. This is the standard procedure for such reports.

Upon occasion, deeply buried archaeological remains are uncovered during the course of construction work that could not be detected in the procedures of archaeological survey. In such an event, you are requested to contact the office of the State Archaeologist and notify her of the discovery and request a further assessment in order to mitigate the impact of the construction on the prehistoric materials. The state archaeologist is Dr. Joan Freeman, 37 State Historical Society, 608/262-9566.

My fee for conducting the survey and for the preparation of the survey report is \$340.00. Please make the check payable to me at the address above. If I can provide further information or clarification please do not hesitate to contact me (262-4343).

Sincerely,

T. Douglas Price, Ph.D.

Assistant Professor