LA-UR-10-03659
April 2010
Volume 1

Pillars of the Cold War: Historic Administration and Support Buildings, Los Alamos, New Mexico

Historic Building Documentation for the Department of Energy Land Conveyance and Transfer Project



Los Alamos
NATIONAL LABORATORY
EST. 1943

Cover photo: Remodeling work at the Los Alamos Area Office in 1955 after it was transformed from a men's dormitory to an administration building. Photo courtesy of the Los Alamos Historical Society.

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LA-UR-10-03659

Pillars of the Cold War: Historic Administration and Support Buildings, Los Alamos, New Mexico

Historic Building Documentation for the Department of Energy Land Conveyance and Transfer Project

Volume 1

Historic Building Report No. 301

Los Alamos National Laboratory

April 2010
Survey No. 742

Prepared for the U.S. Department of Energy
National Nuclear Security Administration
Los Alamos Site Office

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LOS ALAMOS NATIONAL LABORATORY

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Volume 2d - Indexed Archival Photographs of Buildings TA-73-2

EXECUTIVE SUMMARY

The following documentation is being submitted in partial fulfillment of the 2002 Programmatic Agreement (PA) among the U.S. Department of Energy (DOE), the Advisory Council on Historic Preservation, the New Mexico State Historic Preservation Officer (SHPO), and the Incorporated County of Los Alamos, New Mexico: "Concerning the Conveyance of Certain Parcels of Land to Los Alamos County, New Mexico." As per the terms of the PA, finalized on October 15, 2002, Volume 1 of this report includes an overview history of Technical Areas (TAs) 21 (DP Road Tract), 43 (DOE Los Alamos Area Office Tract), and 73 (Airport Tract), and a use history of buildings TA-21-1001, TA-21-1002, TA-43-39, TA-43-41, and TA-73-2. Appendices to Volume 1 include historic building inventory forms for all buildings with selected photographs and building drawings (Appendix A), maps showing the construction history and the location of eligible and non-eligible properties at the three tracts (Appendix B), oral history and memoir information (Appendix C), a listing of drawings on file at Los Alamos National Laboratory for all five buildings (Appendix D), and a list of salvaged historically significant artifacts (Appendix E). In addition, indexed archival photographs of the five buildings are included in Volume 2.

Buildings 21-1001, 21-1002, 43-39, 43-41, and 73-2 were determined eligible for the National Register of Historic Places under Criterion A or under both Criterion A and Criterion C in correspondence submitted to the New Mexico SHPO by Los Alamos Site Office on July 28, 2000. Initial recommendations for eligibility are contained in *Historic Building Assessment for the Department of Energy Conveyance and Transfer Project*, *Volumes 1 and 2*, Report No. 178, December 23, 1999, LA-UR-00-1003.

The SHPO is requested to concur that the documentation contained in this report satisfies the stipulations listed in the above referenced PA regarding the resolution of adverse effects to TA-21-1001, TA-21-1002, TA-43-39, TA-43-41, and TA-73-2.

INTRODUCTION

In 1997, Congress passed Public Law 105-119. This law directed the U.S. Department of Energy (DOE) to convey or transfer tracts of DOE land to the County of Los Alamos and to the Secretary of the Interior. Any parcels of DOE land transferred to the Secretary of the Interior would be held in trust for the Pueblo of San Ildefonso. The DOE identified 10 suitable tracts of land (DOE 1999):

- Technical Area (TA) 21 Site Tract
- DP Road Tract
- DOE Los Alamos Area Office (LAAO) Tract (also Los Alamos Site Office [LASO])
- Airport Tract
- White Rock Site
- Rendija Canyon Site
- White Rock Y Site
- Site 22
- Manhattan Monument Tract
- TA-74 Tract

Los Alamos National Laboratory (LANL) cultural resources staff surveyed the ten tracts and identified historic properties that were declared eligible for inclusion in the National Register of Historic Places (Register) in consultation with the New Mexico State Historic Preservation Officer (SHPO). Register-eligible historic buildings and structures were identified in the TA-21 Site Tract, the DP Road Tract, the DOE LAAO (LASO) Tract, and the Airport Tract. After completion of the initial historic building survey report, the TA-21 Site Tract was removed from the scope of the Land Conveyance and Transfer Project.

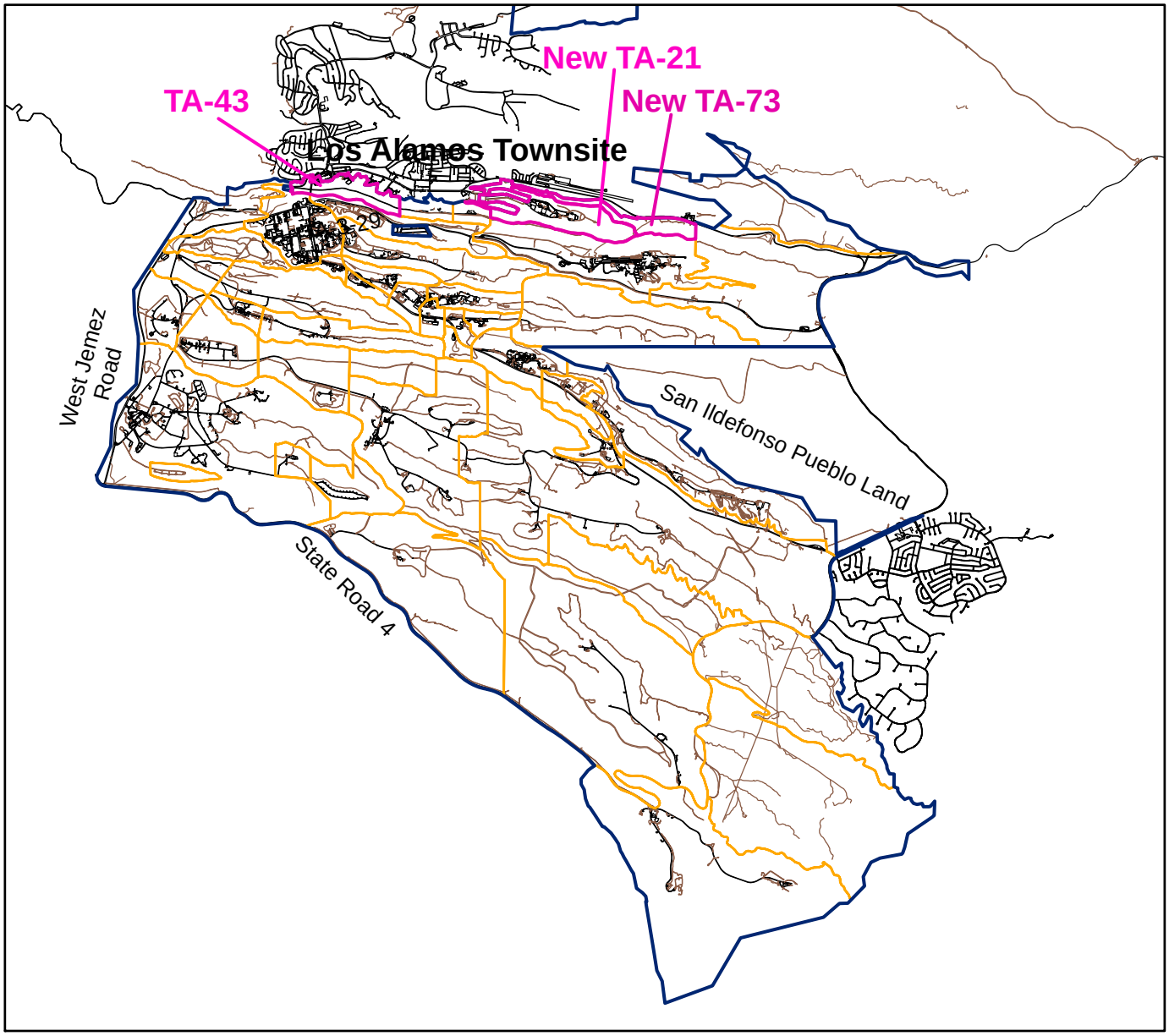
In compliance with Section 106 of the National Historic Preservation Act, this report partially fulfills the 2002 Programmatic Agreement (PA) among the DOE, the Advisory Council on Historic Preservation, the New Mexico SHPO, and the Incorporated County of Los Alamos, New Mexico. This PA concerns the conveyance of certain parcels of land to Los Alamos County, New Mexico, and specifically addresses the resolution of adverse effects to five historic buildings that are eligible for inclusion in the Register: TA-21-1001 (Archives Building) and TA-21-1002 (Warehouse) from the DP Road Tract, TA-43-39 (LASO Building) and TA-43-41 (Steam Plant) from the DOE LAAO Tract, and TA-73-2 (Airport Incinerator) from the Airport Tract (Maps 1–7).

Following the stipulations of the PA, Volume 1 of this report includes an overview history of TAs 21, 43, and 73 and a use history of all five buildings. Appendices to Volume 1 include historic building inventory forms with selected photographs and building drawings (Appendix A), maps showing the construction history and the location of eligible and non-eligible properties at the three tracts (Appendix B), oral history and memoir information (Appendix C), a listing of drawings on file at LANL for all five buildings (Appendix D), and a list of salvaged historically significant artifacts (Appendix

E). In addition, indexed archival photographs of the five buildings are included in Volume 2.

Survey Methods

In 1998, 2005, and 2006, architectural surveys of TA-21-1001, TA-21-1002, TA-43-39, TA-43-41, and TA-73-2 were conducted by Kari L. M. Garcia, Ecology and Air Quality Group (ENV-EAQ), LANL, Sheila A. McCarthy, Historical Architect, Benchmark Consulting Group, and Ken Towery and Kristen Honig, Site Planning and Project Initiation Group, LANL. The building surveys were accomplished by conducting field visits to the five buildings. Architectural and engineering elements were documented and photographs were taken. LANL ENV-EAQ staff also conducted records research at LANL and at the Los Alamos Historical Museum's archives and participated in interviews and building walkthroughs with former workers. Historic artifacts to be salvaged before the land transfer were also identified during these walkthroughs. These retained artifacts are curated at LANL.



Los Alamos
National Laboratory
Cultural Resources Team
ENV-EAQ Ecology &
Air Quality Group

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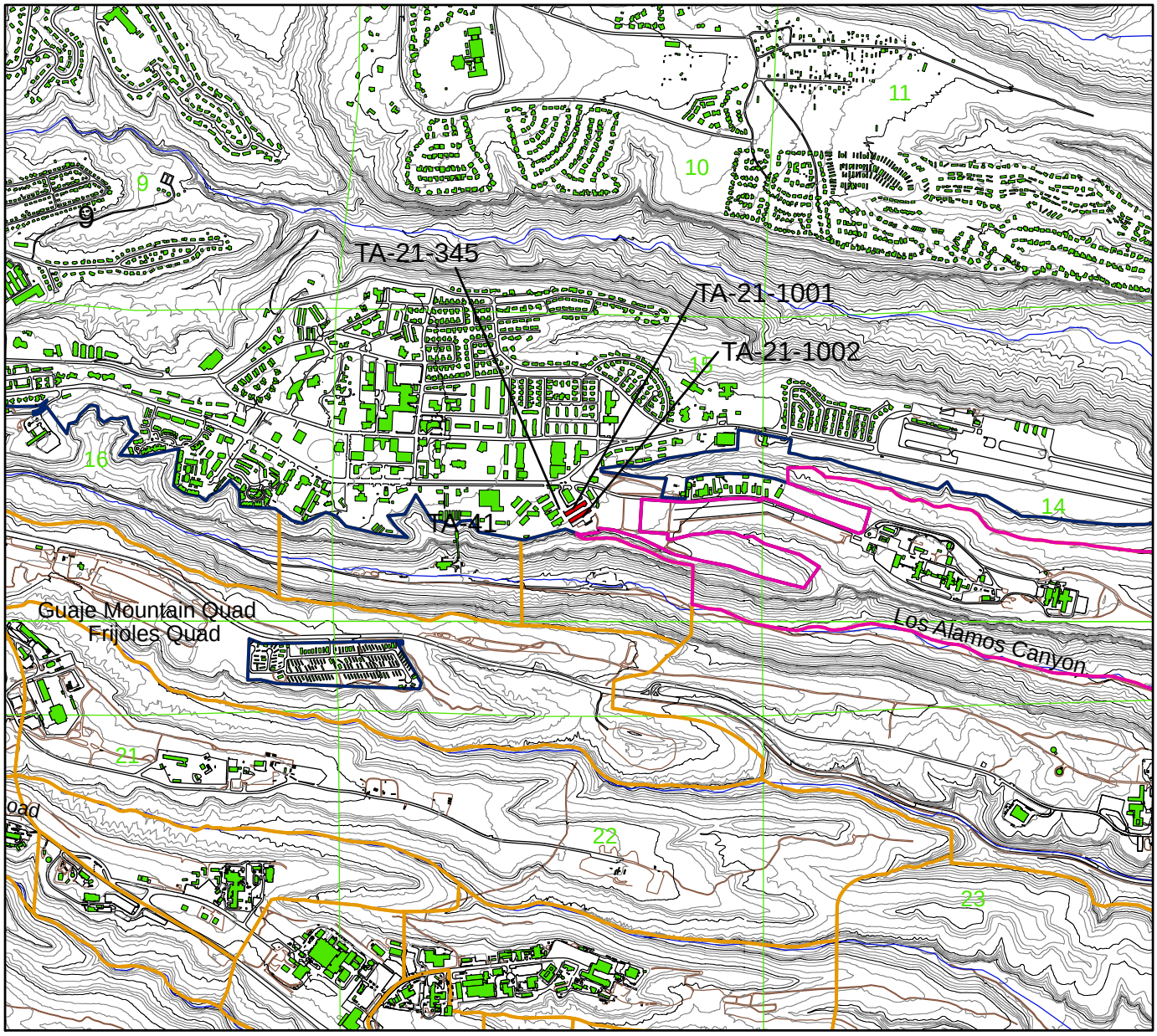
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Technical Areas
LANL Boundary
Technical Areas
Dirt Roads
Paved Roads

LANL Boundary and Technical Areas: TA-43 and new TA-21 and TA-73

Map 1



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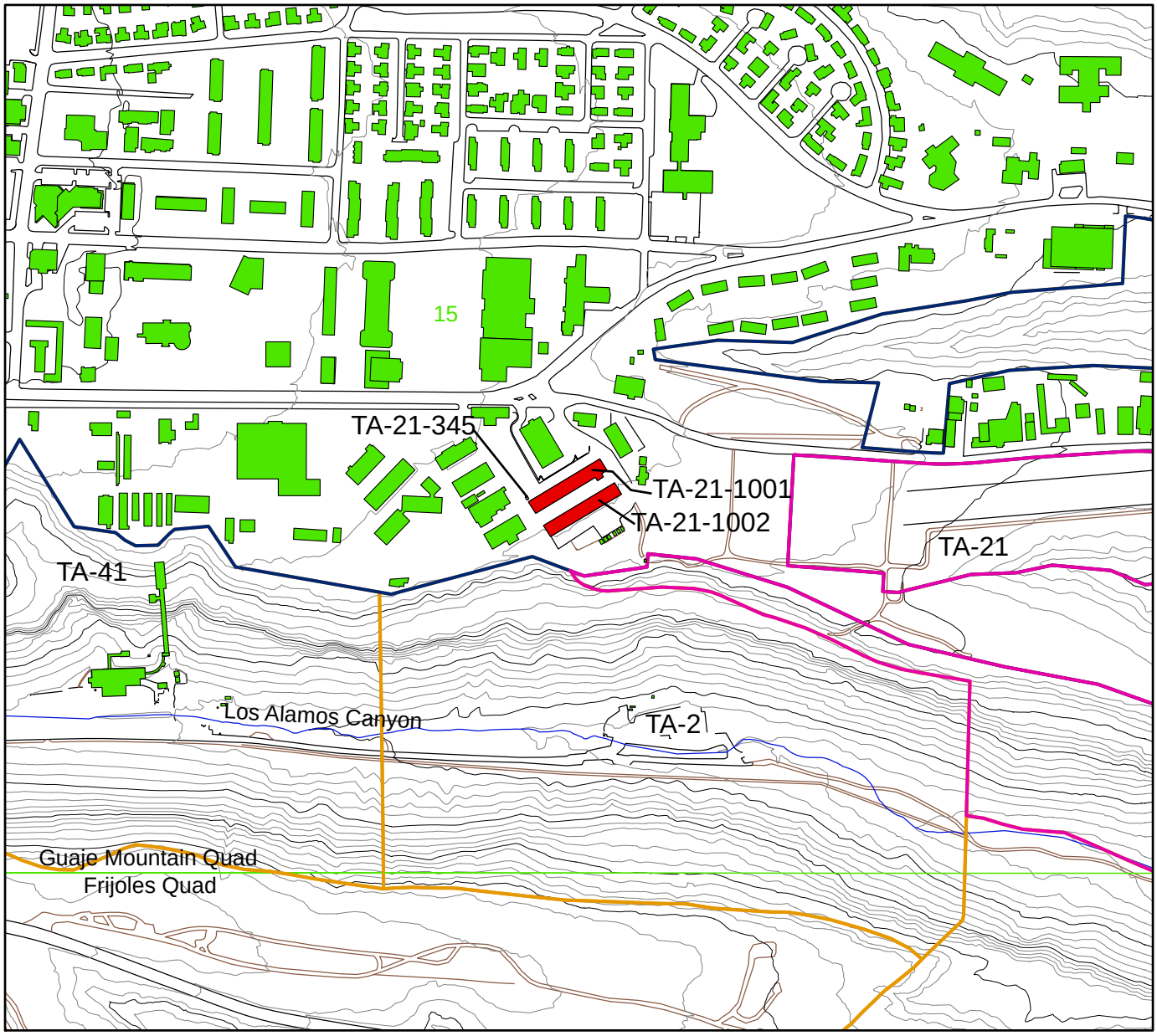
Los Alamos
National Laboratory
Cultural Resources Team
ENV-EAQ Ecology &
Air Quality Group

N W E S

- Buildings Previously Declared Eligible
- Buildings Previously Declared Not Eligible
- Building/Structures
- New Technical Area 21 Boundary
- LANL Boundary
- Technical Areas
- Drainage
- Township, Range, Section
- USGS 7.5 Minute Quad
- 20 Foot Contours
- 100 Foot Contours
- Dirt Roads
- Paved Roads

TA-21
DP Road Tract

Map 2



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National Laboratory
Cultural Resources Team
ENV-EAQ Ecology &
Air Quality Group

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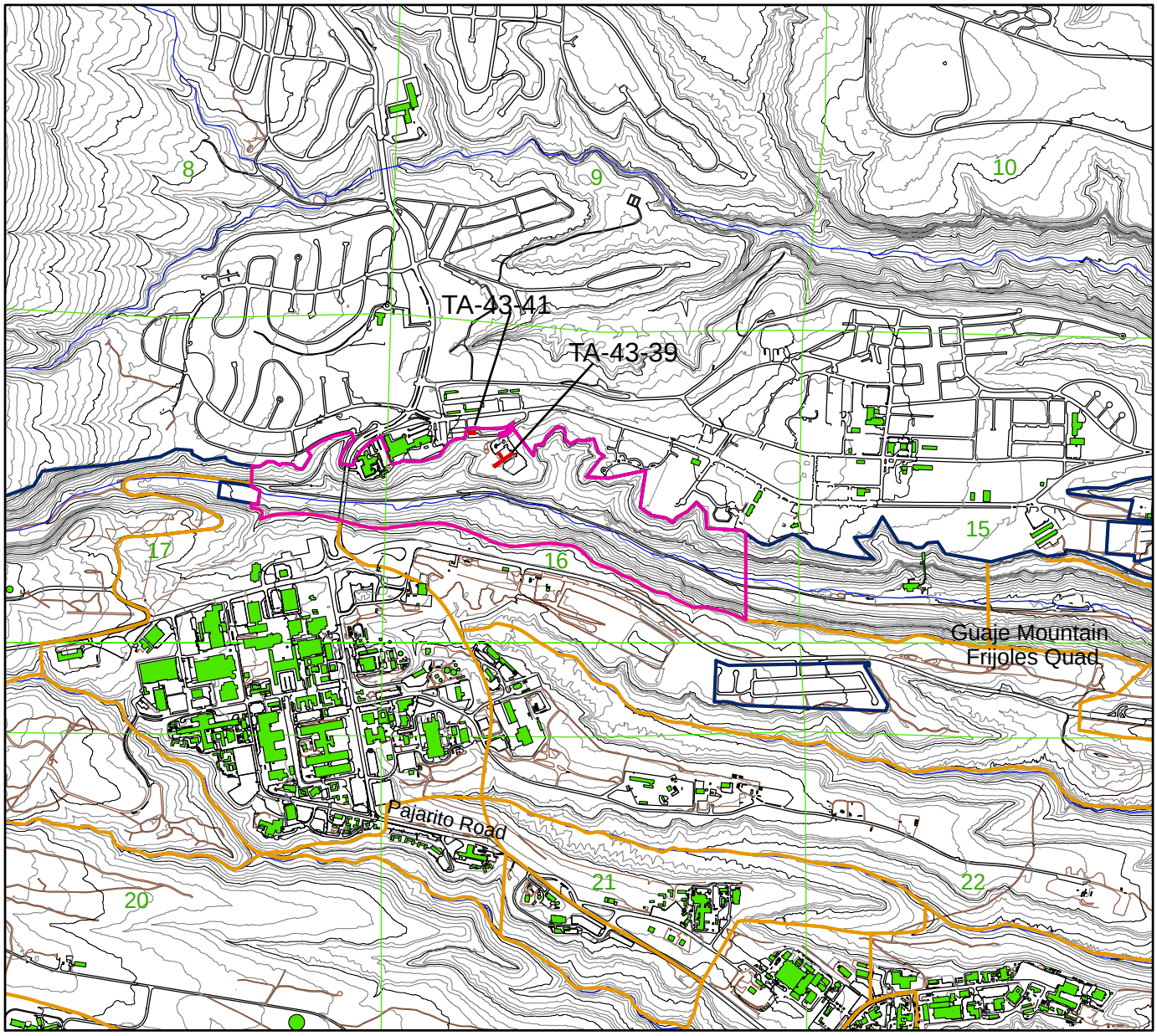
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- Buildings Previously Declared Eligible
- Buildings Previously Declared Not Eligible
- Building/Structures
- New Technical Area 21 Boundary
- LANL Boundary
- Technical Areas
- Drainage
- Township, Range, Section
- USGS 7.5 Minute Quad
- 20 Foot Contours
- 100 Foot Contours
- Dirt Roads
- Paved Roads

TA-21 (TA-21-1001 & TA-21-1002) Closeup

Map 3



1:24,000

Los Alamos
National Laboratory
Cultural Resources Team
ENV-EAQ Ecology &
Air Quality Group

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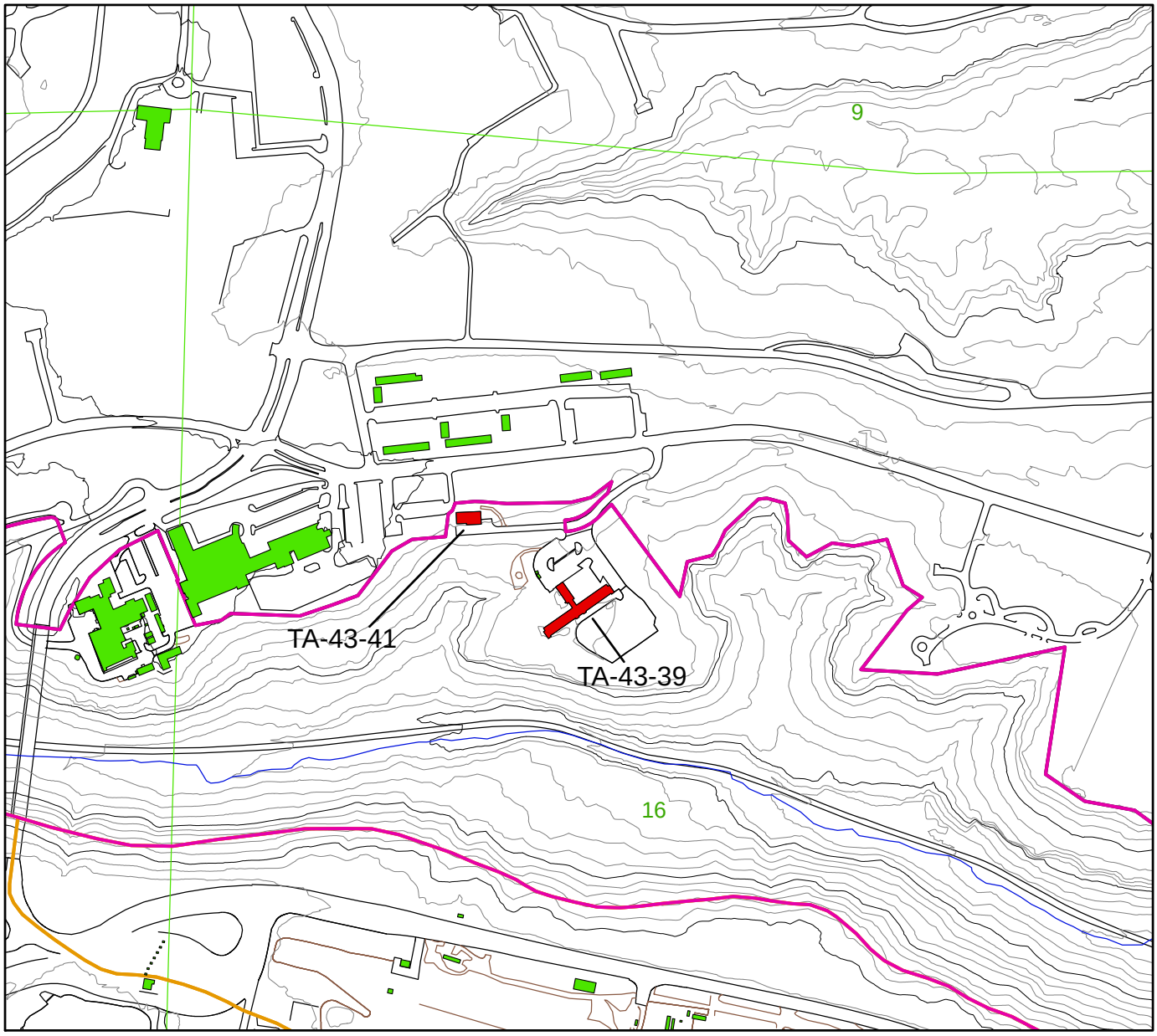
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- Buildings Previously Declared Eligible
- Buildings Previously Declared Not Eligible
- Building/Structures
- Technical Area 43 Boundary
- LANL Boundary
- Technical Areas
- Drainage
- Township, Range, Section
- USGS 7.5 Minute Quad
- 20 Foot Contours
- 100 Foot Contours
- Dirt Roads
- Paved Roads

N W E S

TA-43
DOE LAAO Tract

Map 4



Guaje Mountain Quad

Los Alamos
National Laboratory
Cultural Resources Team
ENV-EAQ Ecology &
Air Quality Group

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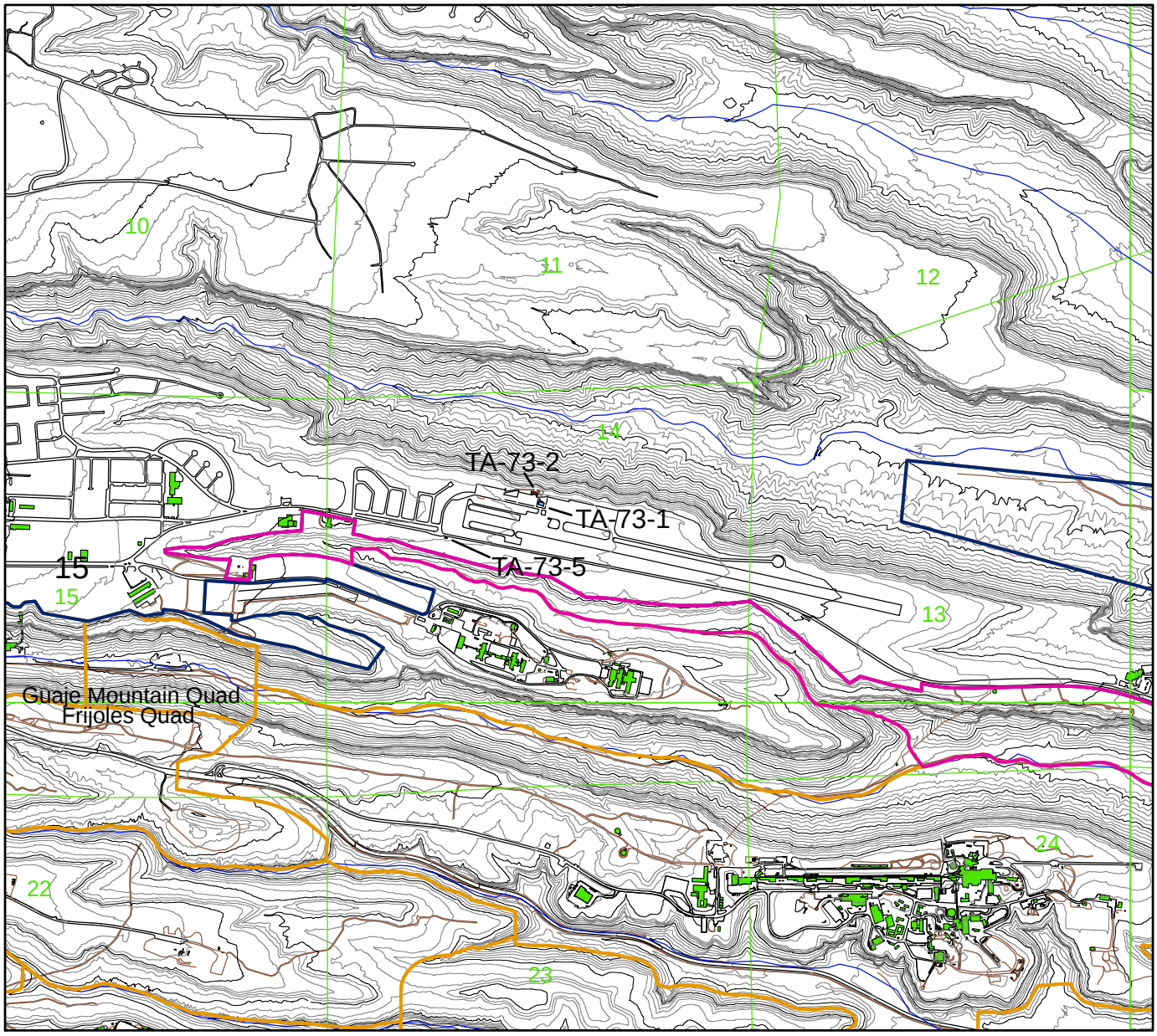
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- Buildings Previously Declared Eligible
- Buildings Previously Declared Not Eligible
- Building/Structures
- Technical Area 43 Boundary
- LANL Boundary
- Technical Areas
- Drainage
- Township, Range, Section
- USGS 7.5 Minute Quad
- 20 Foot Contours
- 100 Foot Contours
- Dirt Roads
- Paved Roads

TA-43 (TA-43-39 & TA-43-41) Closeup

Map 5



Los Alamos
National Laboratory
Cultural Resources Team
ENV-EAQ Ecology &
Air Quality Group

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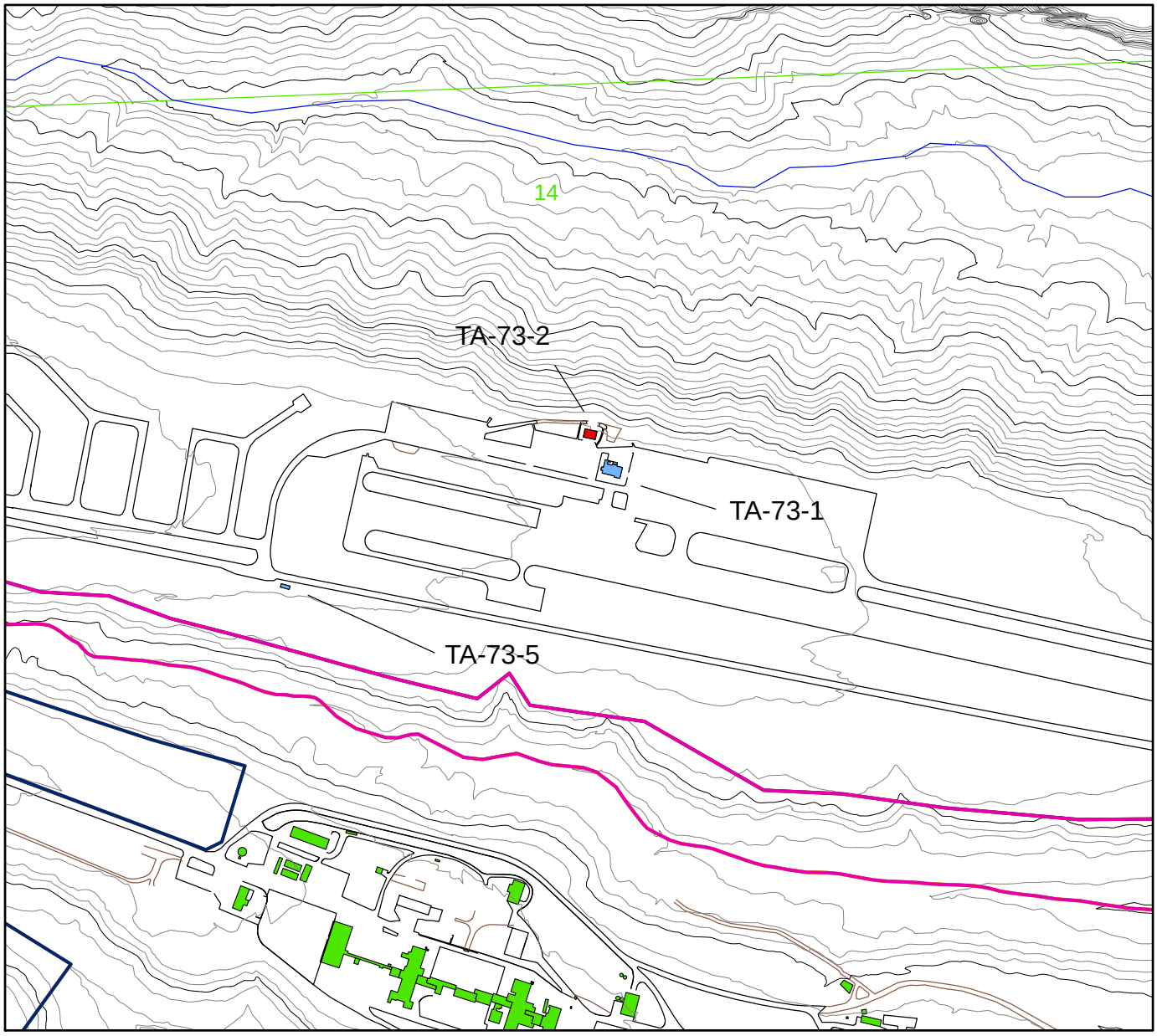
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- Buildings Previously Declared Eligible
- Buildings Previously Declared Not Eligible
- Building/Structures
- New Technical Area 73 Boundary
- LANL Boundary
- Technical Areas
- Drainage
- Township, Range, Section
- USGS 7.5 Minute Quad
- 20 Foot Contours
- 100 Foot Contours
- Dirt Roads
- Paved Roads

TA-73
Airport Tract

Map 6



1:7,000 Guaje Mountain Quad

Los Alamos
National Laboratory
Cultural Resources Team
ENV-EAQ Ecology &
Air Quality Group

500 250 0 500 1,000 1,500 Feet
500 250 0 Meters

N
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S

- Buildings Previously Declared Eligible
- Buildings Previously Declared Not Eligible
- Building/Structures
- New Technical Area 73 Boundary
- LANL Boundary
- Technical Areas
- Drainage
- Township, Range, Section
- USGS 7.5 Minute Quad
- 20 Foot Contours
- 100 Foot Contours
- Dirt Roads
- Paved Roads

TA-73 (TA-73-2) Closeup

Map 7

HISTORICAL OVERVIEW

Manhattan Project (1942–1946)

In 1939, Albert Einstein wrote a letter to President Franklin Roosevelt warning him of a possible German atomic bomb threat (Rothman 1992). President Roosevelt, acting on Einstein's concerns, gave approval to develop the world's first atomic bomb and appointed Brigadier General Leslie Groves to head the "Manhattan Project." Groves, in turn, chose Robert Oppenheimer to coordinate the design of the bomb.

A single isolated and secret research facility was proposed. General Groves had several criteria: security, isolation, a good water supply, an adequate transportation network, a suitable climate, an available labor force, and a locale west of the Mississippi located "at least 200 miles from any international border or the West Coast" (Rothman 1992). In 1942, Oppenheimer, who had visited the Pajarito Plateau on a horseback trip, suggested the Los Alamos Ranch School. Oppenheimer and his staff moved to Los Alamos in early 1943 to begin work. The recruitment of the country's "best scientific talent" and the construction of technical buildings were top priorities (LANL 1995:8). The University of California agreed to operate the site, code-named "Project Y," under contract with the government. Although the fission bomb was conceptually attainable, many difficulties stood in the way of producing a usable weapon. Technical problems included timing the release of energy from fissionable material and overcoming engineering challenges related to producing a deliverable weapon. Nuclear material and high explosive studies were of immediate importance (LANL 1995).

Two bomb designs appeared to be the most promising: a uranium "gun" device and a plutonium "implosion" device. The gun device involved shooting one subcritical mass of uranium-235 into another at sufficient speed to avoid pre-detonation. Together, the two subcritical masses would form a supercritical mass, which would release a tremendous amount of nuclear energy (Hoddeson *et al.* 1993). This method led to the development of the "Little Boy" device. Because it was conceptually simple, "Little Boy" was never tested before its use at Hiroshima. Scientists were less confident about the implosion design, which used shaped high explosives to compress a subcritical mass of plutonium-239. The symmetrical compression would increase the density of the fissionable material and cause a critical reaction.

In 1944, the uncertainties surrounding the plutonium device necessitated a search for an appropriate test site for the implosion design, later used in the "Fat Man" device. Manhattan Project personnel chose the Alamogordo Bombing Range in south-central New Mexico for the location of the test. A trial run involving 100 tons of trinitrotoluene (TNT) was conducted at the test site ("Trinity Site") on May 7, 1945. This dress rehearsal provided measurement data and simulated the dispersal of radioactive products (LANL 1995). The Trinity test was planned for July and its objectives were "to characterize the nature of the implosion, measure the release of nuclear energy, and assess the damage" (LANL 1995:11). The world's first atomic device was successfully detonated in the early morning of July 16, 1945. Little Boy, the untested uranium gun

device, was exploded over the Japanese city of Hiroshima on August 6, 1945. On August 9, 1945, Fat Man was exploded over Nagasaki, essentially ending the war with Japan.

Early Cold War Era (1946–1956)

The future of the early Laboratory was in question after the end of World War II (WWII). Many scientists and site workers left Los Alamos and went back to their pre-war existences. Norris Bradbury had been appointed director of the Laboratory following Oppenheimer's return to his pre-WWII duties (LANL 1993a). Bradbury felt that the nation needed "a laboratory for research into military applications of nuclear energy" (LANL 1993a:62). In late 1945, General Groves directed Los Alamos to begin stockpiling and developing additional atomic weapons (Gosling 2001). Post-war weapon assembly work was now tasked to Los Alamos's Z Division, which had been relocated to an airbase (now Sandia) in nearby Albuquerque, New Mexico (Gosling 2001).

In 1946, Los Alamos became involved in "Operation Crossroads," the first of many atmospheric tests in the Pacific. Later, also in 1946, the U.S. Atomic Energy Commission (AEC) was established to act as a civilian steward for the new atomic technology born of WWII. The AEC formally took over the Laboratory in 1947, making a commitment to retain Los Alamos as a permanent weapons facility.

With the beginning of the Cold War—the term "Cold War" was first coined in 1947—weapons research once again became a national priority. Weapons research at Los Alamos, spearheaded by Edward Teller and Stanislaw Ulam, focused on the development of the hydrogen bomb, the feasibility of which had been discussed seriously at Los Alamos as early as 1946. The simmering Cold War came to a full boil in late 1949 with the successful test of "Joe I," the Soviet Union's first atomic bomb. In January 1950, President Truman approved the development of the hydrogen bomb; Truman's decision led to the remobilization of the country's weapons laboratories and production plants. The year 1950 also marked the initial meeting of Los Alamos's "Family Committee"—a committee tasked with developing the first two thermonuclear devices (LANL 2001). In 1951, the Nevada Proving Ground (now the Nevada Test Site [NTS]) was established and the first Nevada atmospheric test, "Able," was conducted. In the same year, Los Alamos directed "Operation Greenhouse" in the Pacific and successfully conducted the first thermonuclear test, "George," and the first thermonuclear "boosted" test, "Item." In 1952, the first thermonuclear bomb, known as "Mike," was detonated at Enewetak Atoll in the Pacific (LANL 1993a).[1] In short order, the Soviet Union responded with a successful fusion demonstration in August 1953, followed by a test of a hydrogen bomb in 1955. The arms race was on. By 1956, Los Alamos had successfully tested a new generation of high explosives (plastic-bonded explosives) and had begun to make improvements to the primary stage of a nuclear weapon (LANL 2001).

[1] A better understanding of the Marshall Islands language has permitted a more accurate transliteration of Marshall Island names into English. Enewetak is now the preferred spelling (formerly Eniwetok).

Although weapons research and development has always played a major role in the history of LANL, other key themes for the years 1942–1956 include supercomputing advancements, fundamental biomedical and health physics research, high explosives research and development, reactor research and development, pioneering physics research, and the development of the field of high-speed photography (McGehee and Garcia 1999). The Early Cold War era at Los Alamos ended in 1956, a date that marks the completion of all basic nuclear weapons design at LANL; later research at Los Alamos focused on the engineering of nuclear weapons to fit specific delivery systems. The year 1956 was also the last year that Los Alamos was a closed facility—the gates into the Los Alamos townsite came down in 1957.

Late Cold War Era (1956–1990)

The Late Cold War era saw Los Alamos's continued support of the atmospheric testing programs in the Pacific and at NTS. In 1957, the first of many underground tests at NTS was conducted. Other defense mission undertakings during this time included treaty and test ban verification programs (such as the satellite detection of nuclear explosions), research and development of space-based weapons, and continued involvement with stockpile stewardship issues. Non-weapons undertakings supported nuclear medicine, genetic studies, National Aeronautics and Space Administration collaborations, superconducting research, contained fusion reaction research, and other types of energy research (McGehee and Garcia 1999).

End of the Cold War to Recent Times (1990–2006)

During this span of time, the Laboratory had to adapt to major changes occasioned by the transition from the Cold War era to the post-Cold War period, initiated by the collapse of the Soviet Union at the end of 1991. In particular, because international treaties restricted and then halted the testing of nuclear weapons, Laboratory scientists had to devise new methods of ensuring the safety and reliability of the nation's nuclear stockpile. The last underground nuclear test conducted by the United States occurred in 1992. In the years following, the Laboratory developed sophisticated methods of analyzing the viability of weapons in what became known as the stockpile stewardship program. It also produced the first plutonium pit for the W88 warhead, a warhead designed for the intercontinental ballistic missile systems launched from submarines.

While the weapons program remained the Laboratory's prime mission, its scientists continued to conduct research in other fields. Los Alamos became host to one of three national centers of human genome studies and made other major advances in human-health research, culminating in increased bioforensic research aimed at thwarting biological terrorism. The Laboratory continued to make huge advances in computing capacity and capabilities, spurred by the need to solve the increasingly complex codes required for weapon certification. A number of Laboratory experiments flew on satellites to conduct research in the space sciences, and Los Alamos scientists began a formal program to provide scientific and technical expertise in support of homeland-security issues. In response to the nation's need for alternative sources of energy, they also initiated studies aimed at investigating the hydrogen economy and broadening the use of

fuel cells. Materials science research resulted in advances in understanding and manipulating the world of the very small—the nanosciences—and in developing energy-saving superconducting devices. By the end of the era, in research that underlined the environmental concerns of the times, Los Alamos scientists were also collaborating with others to improve planning for evacuations and to model the effects of natural phenomena such as hurricanes, storm surges, floods, and wildfires; and they were studying pollution in Mexico City to understand the regional and global impacts of increasing urbanization on global climate warming.

HISTORICAL CONTEXT OF TA-21 (DP ROAD TRACT), TA-43 (DOE LAAO TRACT), AND TA-73 (AIRPORT TRACT)

TA-21 Records Center and Archives Building and Warehouse Building

DP Road Tract Historical Background

The DP Road Tract is located at the western end of TA-21 in downtown Los Alamos. While administratively part of TA-21, the DP Road Tract is physically separate from the main portion of TA-21 (known as DP Site or the TA-21 Site Tract) (Figure 1). An in-depth history of the TA-21 Site Tract was presented in the assessment report for the Land Conveyance and Transfer Project and is not included in this report (McGehee and Garcia 1999).



Figure 1. Aerial view of the TA-21 Site Tract looking east (DP Road at bottom center), 1979

During the Manhattan Project, the town of Los Alamos included residential areas as well as the wartime laboratory's Main Technical Area or TA-1 (Figure 2).

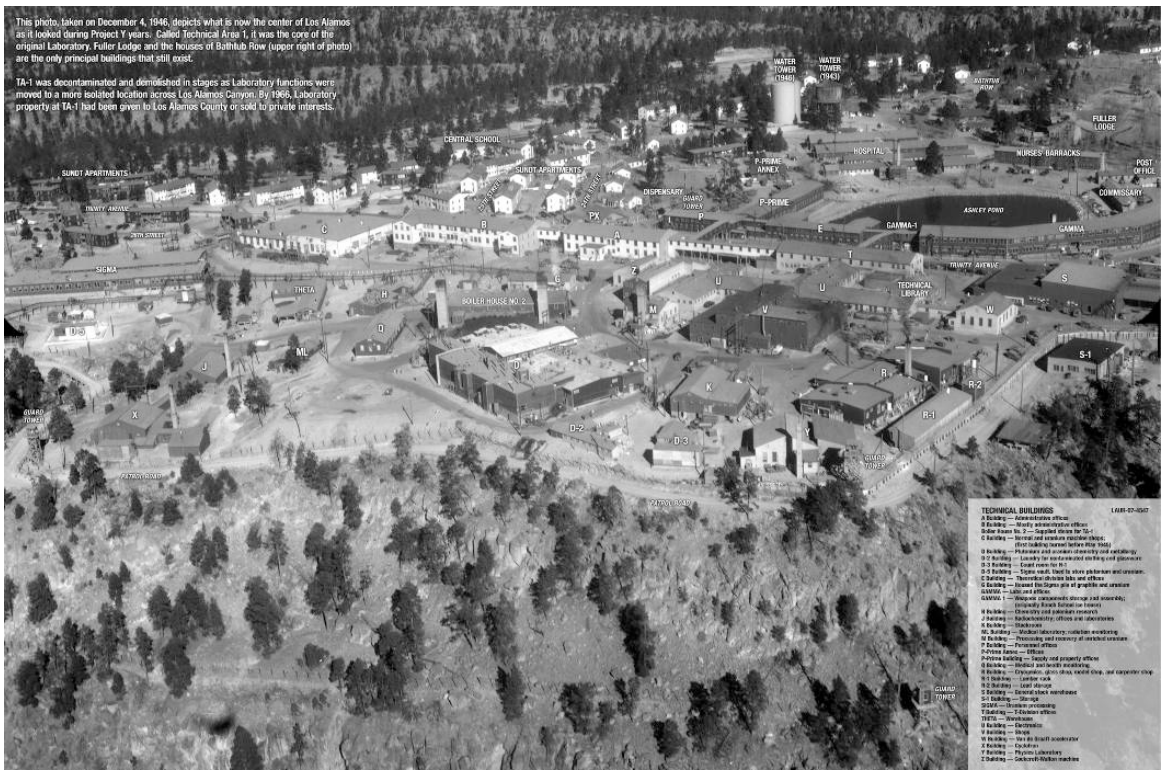


Figure 2. Main Technical Area, 1946

The DP Road Tract is located east of the former Main Technical Area in downtown Los Alamos. The tract is situated south of Trinity Drive and along both sides of the western end of DP Road. Today, this section of Los Alamos is a developed commercial area characterized by mostly post-WWII construction (including warehouses; school and County administration buildings; County service, maintenance, and storage areas; and private businesses). Before its transfer to Los Alamos County, the DP Road Tract contained the LANL Records Center and Archives building (TA-21-1001), a warehouse building housing the LANL subcontractor at the time of survey (TA-21-1002), Morgan™ sheds, a back flow building, and an old portable guard station. At one time this portion of TA-21 also contained LANL fueling facilities, a trailer park, and a playground area (Figures 3 and 4).



Figure 3. Zia warehouse, at time of construction, circa 1950s

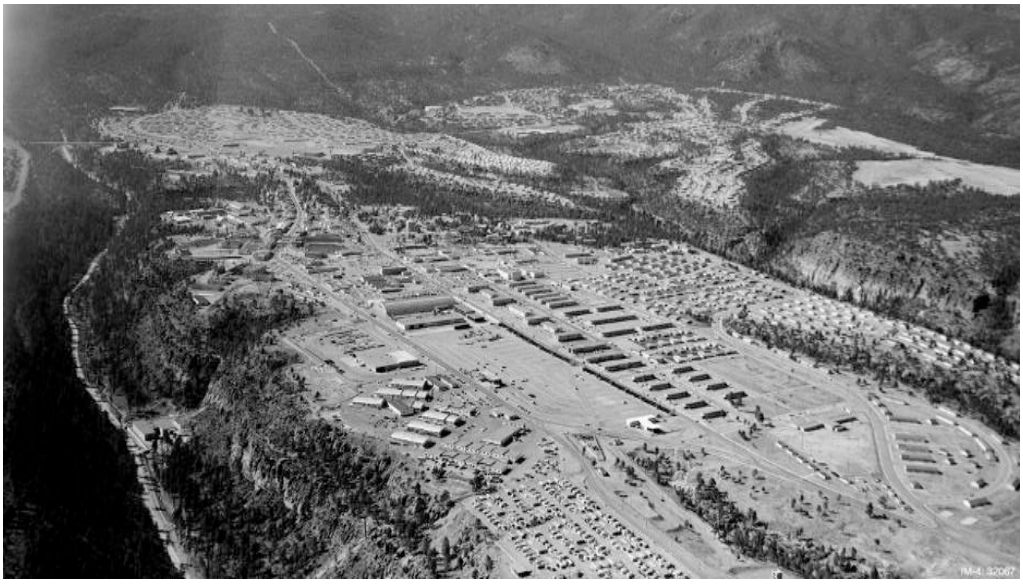


Figure 4. DP Road Tract area, lower center, circa 1950s

TA-21-1001: The Laboratory's Record Center and Archives

The Records Center

From the moment in 1943 when the wartime Laboratory was established at Los Alamos, people began generating records: memos, letters, administrative documents, payroll records, medical charts and X-ray films, scientific notebooks, maps, photographs, and reports. These records needed to be retained, either to comply with government regulations or because they had historical significance: they documented the history of Project Y, part of the Manhattan Project effort to design and build the world's first atomic bombs at Los Alamos during WWII. Yet when Walter Bramlett, the first person hired to oversee the Laboratory's records, arrived in Los Alamos in 1948, he discovered that there was no formal storage area for these important documents (Pedersen 1979). Before 1948, records storage may have been located in the TA-1 main administration building in downtown Los Alamos or in another building near Ashley Pond (Garcia 2009). Eventually, Bramlett was able to acquire space for a records center in one bay of a warehouse (later designated TA-21-1001) that was built in the late 1940s by the AEC to store uniforms, guns, and ammunition (Figure 5). But inevitably, the Laboratory's records continued to accumulate. Bramlett was transferred to the AEC's Albuquerque office for several years, but when he returned to Los Alamos in 1956 he found that the space provided for records storage in the shared warehouse had become too small (Pedersen 1979). To solve that problem, the Laboratory turned the entire warehouse building, TA-21-1001, over to records storage.



Figure 5. Aerial view of TA-21-1001 and TA-21-1002 (at lower right) under construction, (DP Road at bottom left), 1946

Photo courtesy of the Los Alamos Historical Society

The warehouse, from then on referred to as the Records Center, became a vault within a security area—all except for one open bay in the building, which was being used by the Zia Company, the Laboratory's maintenance contractor at the time (Pedersen 1979) (Figures 6–8). Walter Bramlett retired as the head of the Records Center in 1982.



Figure 6. TA-21-1001, Zia Company Mechanical Shop employees, 1951
Photo courtesy of the Los Alamos Historical Society

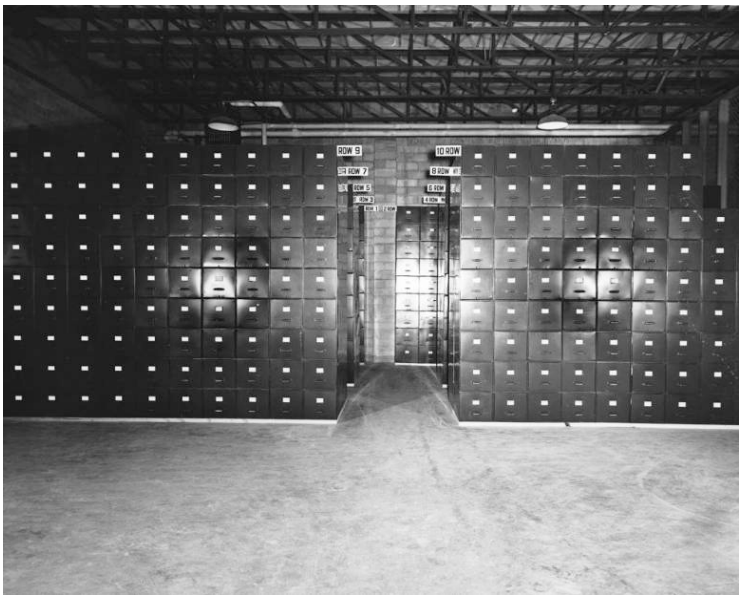


Figure 7. Laboratory records repository (file cabinets), 1950
Photo courtesy of the Los Alamos Historical Society



Figure 8. Laboratory records repository (worker), 1950
Photo courtesy of the Los Alamos Historical Society

Security and Access

The Records Center had to be secure because much of its collection was classified. Security was maintained by physical constraints such as motion detectors, window bars, and combination-lock doors. Access was permitted only to holders of security clearances with a need to know the information contained within; all others, such as outside scholars, had to be escorted while inside the building. Historians, for example, frequently used the Record Center for their research. In 1979, to cite just one year, several researchers were analyzing documents stored in the center to write a history of the DOE while others were researching a history of the controlled thermonuclear research program (Pedersen 1979). The staff of the Records Center also answered a broad range of requests from others—from Laboratory management relating to employees' records, researchers for photographs and information, and people petitioning the government for compensation for alleged injuries caused, for example, by exposure to radiation (Pedersen 1979).

Holdings

By 1979, the holdings of the Records Center had grown to 10,000 cubic feet of papers, microfilm, notebooks, payroll data, and medical X-rays dating from "Year One," as the Laboratory's founding date of 1943 is referred to. On the center's ten-foot-high shelves were stacked administrative files from virtually every Laboratory group; they covered subjects from policies to daily routines. More shelves held employees' medical X-rays, required by law to be retained for seventy-five years after employees leave the Laboratory (Figure 9). By 1979, the center's shelves also held 13,026 scientific

notebooks stored in 1,103 large metal drawers—notebooks that might be of future value in patent cases or to historians wanting to learn the history of a particular scientific program (Figure 10). Records stored in the center were also viewed as having value in the event that past projects were reinstated. As time passed and recording technologies improved, the center's records grew with the addition of sound recordings, digital photographs, films, and more microfilm (Pedersen 1979).



Figure 9. Medical X-ray files; Joe Lopez, Records Center staff, 1979



Figure 10. Metal file cabinets; Pres Martinez, Records Center staff, 1979

Upon receipt, the records stored and managed in the Records Center were indexed, catalogued, and, if fragile, prepared for safe, long-term storage (Figure 11). Not all were kept indefinitely; records were routinely destroyed when they reached the end of their federal retention schedules unless they were important historically or were deemed to have potential future use. Unclassified documents were sent to the landfill and buried; sensitive documents were shredded; and classified documents were destroyed. Many records of special historical import, such as letters, memos, and drawings pertaining to the Manhattan Engineer District (MED) from Year One onward, were sent to the National Archives in Washington to become part of the nation's historical document collection (Pedersen 1979).



Figure 11. Open shelving and records boxes; Albert Montoya (background) and Johnny Roybal (foreground), Records Center staff, 1979

The Laboratory Archives

Prelude

Until 1981, building TA-21-1001 housed only the Records Center. After 1981, however, part of the building became the locus of another entity: the Laboratory's Archives. Although physically housed in the same building, the functions of the Records Center and the Archives differed. The Records Center managed the Laboratory's business records, regularly destroying those no longer needing to be legally retained; the Archives collected, catalogued, and maintained historically important records for posterity.

A set of wartime records that had been stashed in a four-drawer safe at the Laboratory's Theoretical (T) Division offices constituted the first collection of the Archives. T Division held its own reports, notes, and documents, as did other Laboratory divisions. These division documents were disorganized and uncatalogued; no one knew what existed, or where to find them (Hoddeson *et al.* 1993; Kerr 2003). The documents in the T Division safe included files kept by some of the most noted Manhattan Project scientists, including Hans Bethe, Enrico Fermi, and Edward Teller. Recognizing the historical value of these documents, and fearing that if they were sent to Washington they would never be seen again, two scientists from T Division—L.M. Simmons and David Sharp—suggested in October 1975 that an archive for historically significant documents be established at the Laboratory. The impetus for their suggestion was a pilot project whose purpose was to write a technical history of Project Y. The lead historian for the pilot project, Lillian Hoddeson, needed the documents that were stashed away in various divisions for her research; soon she was tracking them down, organizing them, and conducting interviews (Hoddeson *et al.* 1993).

The Laboratory's Archives Realized

It was Hoddeson who advised the Laboratory about its need for an official archive, and her advice did not fall on deaf ears. The leader of the Laboratory's Communications and Records Management Division, Gil Ortiz, who had come to recognize the need on his own, initiated the establishment of a permanent archive in 1981 (Hoddeson *et al.* 1993). Nancy Zachariasen, a librarian, became the Laboratory's first archivist, assisted by Alison Kerr, wife of Don Kerr, director of the Laboratory from July 1979 to September 1985. At first, they shared temporary desk space in the Records Center. Alison Kerr, who had a degree in library science with an emphasis in manuscripts and archives, had been hired as a consultant by T Division in 1979. She had met Hoddeson at that time and had collaborated with her on the proposal for a permanent archive that would conserve and store under secure conditions the Laboratory's historical documents (Kerr 2003).

An initial task of the two new archivists, Zachariasen and Kerr, was to find more permanent space for the archives. Fortunately, it proved possible to remodel an unused space at the east end of the Records Center for this purpose. Zachariasen, however, left Los Alamos before the Archives moved to its new quarters. Eventually, Alison Kerr took her place. Kerr left Los Alamos in 1985, when her husband accepted a position in

industry, but during her tenure as archivist she hired Roger Meade (Kerr 2003) (Figure 12).



Figure 12. LANL archivist Roger Meade in his office at TA-21-1001

The Archives Matures

By 1999, Meade led a twenty-person information/research team within the Laboratory's Information and Records Management Group. He was responsible for records inventory, information practices (such as responding to requests filed under the Freedom of Information and California Public Records acts), and other record-keeping provisions required by federal law and by the contracts that the Laboratory held with the University of California and the DOE (LANL 1999).

Eighty percent of the Archives' holdings were still classified by 2000. By then, most of the collection was paperwork, although not ordinary paperwork—documents that included the historical records of a unique event, the designing and building of the world's first atomic bomb. The archival collections also included irreplaceable technical data amassed from almost fifty years of nuclear tests conducted by Laboratory scientists (Figure 13). Other parts of its collection included documentation related to Laboratory research in numerous fields, including energy research, methods to stop the proliferation of nuclear weapons, and antiterrorism research. The collection also included some artifacts, such as camera film from the Trinity test, early neutron generators, and models of high explosives (LANL 1999).



Figure 13. The Archives stacks at TA-21-1001; archivist Linda Sandoval

Use of the Archives

The holdings at the Laboratory's Archives, during its life at TA-21-1001, were in constant use by researchers across the DOE complex and by hundreds of national and international researchers. Users included Pulitzer Prize winners such as Richard Rhodes, Kai Bird, and Martin Sherwin; noted historians, including Jennet Conant, Gregg Herken, and Jon Hunner; senior policymakers such as former Secretary of the Air Force Thomas C. Reed; prominent scientists including Nobel Laureate Hans Bethe, Robert Serber, Edward Teller, and John Wheeler; and award-winning artists such as the playwright Crispin Whittell. The Archives and its staff also assisted the History Channel, The Discovery Channel, and National Geographic Television, as well as major newspapers from coast to coast. Thus, the information available in the Laboratory's Archives played a significant part in shaping the historiography of one of the most important eras in human history. The Laboratory Archives, stored in a nondescript concrete building in the warehouse area of downtown Los Alamos, contained the only complete history—in the actual workbooks and records of those involved—of the development of the nation's nuclear deterrent (LANL 2008a).

Summary

Building TA-21-1001 housed the Laboratory's Records Center from the late 1940s and the Laboratory's Archives from 1981. The accompanying diagram indicates the kinds of holdings stored in each bay of the building (Figure 14). A small section of TA-21-1002, located directly behind the Records Center and Archives building, was known to the

residents of 21-1001 as "G Bay and H Bay," and was used for overflow unclassified storage of legal and financial records. These satellite storage areas were physically located in TA-21-1002, Bays E and F—adding the names G Bay and H Bay to the existing nomenclature for 21-1001's operations in Bays A through F was simply an organizational convenience.

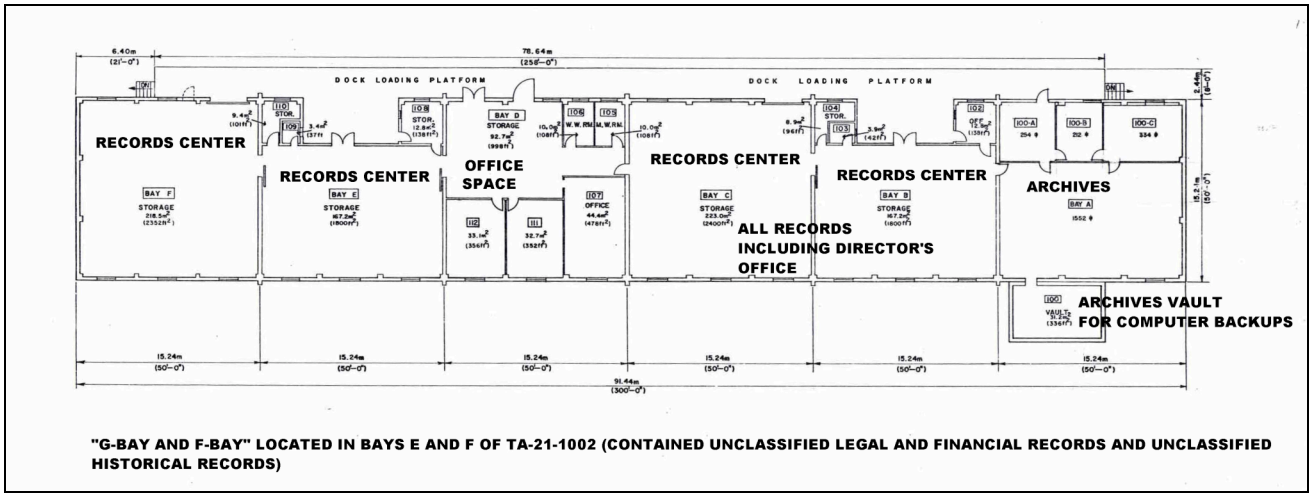


Figure 14. TA-21-1001 layout and holdings

TA-21-1001 remained the location of the Laboratory's Records Center and Archives until May 22, 2006, when both entities stopped accepting records for storage in anticipation of, and preparation for, a move to the Laboratory's newly opened National Security Science Building (NSSB) (Figures 15–17). By that time, the holdings in TA-21-1001 occupied approximately 30,000 cubic feet of space. On February 21, 2007, the new facilities at the NSSB received the last shipment of records from building TA-21-1001 (LANL 2006, 2007; Linda Sandoval Meade, personal communication, 2010).



Figure 15. The Archives at its new location in the NSSB



Figure 16. The new Archives stacks, NSSB; LANL historian Alan Carr at right



Figure 17. Records staff Frank Garcia at the NSSB

TA-21-1002: Warehouse Building

TA-21-1002, built during Los Alamos's transition from a WWII project to a Cold War AEC facility, was built for use as a general warehouse/maintenance/utility shop facility. Building TA-21-1002 has functioned as a warehouse-type building since its construction in 1947. In addition to its use as a warehouse, portions of the building were used for a welding school, a metal shop, an electric line shop, and other utility shops. The Zia Company, a former Laboratory maintenance contractor, originally occupied the building. In 1961, the building was leased as a commercial warehouse by Sears, Metzgers, Los Alamos Transfer, Creamland Dairies, and other private businesses (LANL 1992). In 1998, Johnson Controls Northern New Mexico, the Laboratory's maintenance contractor at the time, was still using the building as a maintenance shop and general warehouse. As stated above, a small portion of the building was used as an overflow facility for the Records Center, although only a few shelves were used for records storage. This use and the building's use as a welding school and general warehouse were the building's last function before closure.

At the time of survey, the building's bays contained a mix of storage, shop, and office spaces. From west to east, the six bays were designated Bays F through A. Bay F housed Records Center documents stored in boxes on shelving units. An open work area was located in the bay's southeast corner. Bays E and D were used to store cardboard boxes belonging to the Laboratory's support contractor (Johnson Controls Northern New Mexico, later KSL) (Figure 18). An environmental chamber was located in Bay E, and Bay D had been modified into three rooms—two small rooms with sheet rock walls had been created in the southern third of the bay. Bay C housed KSL records archives (time sheets, etc.). This bay had also been subdivided into three rooms. It was divided in half,

east to west, and then the western half of the bay was divided north to south. The two western rooms contained shelving units to hold the boxed KSL records. Carpet was stored in the eastern half of the bay. Bay B was configured as open office and work space. Lockers were set up in the bay, and a mezzanine area with additional office space was located over the northern portion of the bay. Two individual rooms had been created on the main floor of the building by enclosing the "set back porch" entrance to the bay. Bay A was the location of the Laboratory's welding school and welding equipment was located throughout the bay. An office space was created with sheet rock walls in the southeastern corner of the bay.



Figure 18. View of original layout of TA-21-2002, Bay E and corresponding sliding fire door

TA-43 LASO Administration Building and Steam Plant

DOE LAAO Tract Historical Background

The DOE LAAO Tract is located in TA-43. Before its transfer to Los Alamos County, this tract contained the DOE LASO [formerly LAAO] Building (TA-43-39), an abandoned steam plant (TA-43-41), the remains of a former pump house, a small wooden shed for lawn maintenance equipment, and horseshoe pits. According to a former building resident, the custom of playing horseshoes during the lunch hour continued up through 1983 (Rush 2001).

The LASO Building was completed in 1949 as a dormitory for Laboratory security personnel (Figure 19). The building later housed the Los Alamos offices of the "federal agencies involved with overseeing the implementation of LANL's mission" (DOE 1998:14) (Figure 20). These agencies included the AEC, Energy Research Development Administration (ERDA), the DOE, and the current agency overseeing the Laboratory, the DOE's National Nuclear Security Administration (NNSA).



Figure 19. TA-43-39, former Police Barracks and AEC Administration Office Building, built from 1948 to 1949



Figure 20. TA-43-39, AEC, late 1960s

The LASO Building, TA-43-39

Introduction

TA-43-39 was known throughout most of its use life as the Los Alamos Area Office (LAAO). In 2003, its name was changed to the Los Alamos Site Office (LASO). The building was constructed as a dormitory for the Laboratory's security force. After 1955, the building served as the home for successive federal agencies whose mission was the oversight of a national network of scientific and industrial installations. This network, composed of field offices, national laboratories, and research centers, was initially created during the nationwide effort to design and build an atomic bomb during WWII. After the energy crisis of 1973 and the subsequent development of a national energy policy, oversight of energy programs was added to the responsibilities of the federal agencies (McGehee and Garcia 1999; Fehner and Holl 1994; AEC 1950).[2] The LASO Building was occupied by federal field offices until 2008 (LANL 2008b).

[2] For histories of the AEC and its successor agencies, see Gosling 2001; Hewlett and Anderson 1990; Buck 1983; Hewlett and Duncan 1990; Hewlett and Holl 1990; Scroger, ed. 1995; Fehner and Gosling 1996; Fehner and Holl 1994; Gosling and Fehner 1994; and Gosling *et al.* 1997.

First Use: TA-43-39 as the Men's Residence Hall

The first function of TA-43-39 was as a men's dormitory, or barracks, for the Laboratory's protective or security force under the management of the AEC. The building, officially known as the Men's Residence Hall, provided all the necessities for the men who lived there: two-person bedrooms, bathrooms, a lounge and dining room, two private lounges, a kitchen, storage areas, laundry closets and chutes, and a roof-top sun deck. TA-43-39 was used as a dormitory until 1955, when it was remodeled to house the AEC's LAAO (Glanzberg 1955; McGehee and Garcia 1999) (Figure 21).



Figure 21. TA-43-39, Men's Residence Hall, 1952

The LAAO under the AEC

The AEC (Figure 22) was the first of several successor federal agencies to house its Los Alamos field office in TA-43-39. The AEC was created by the McMahon Act, which was signed into law by President Truman on August 1, 1946. The commission inherited the far-flung scientific and industrial complex created during WWII by the MED. On January 1, 1947, the AEC officially assumed responsibility for the MED's laboratory at Los Alamos and other operations related to nuclear weapons research, development, testing, production, and storage (ERDA 1975). While the AEC did retain a small office in Santa Fe at 109 E. Palace (Figure 23), the Office of Santa Fe Directed Operations was actually located in Los Alamos and opened on July 2, 1947. Two weeks later, the first manager of the operations office, Carroll L. Tyler, arrived (Figure 24). His mission was a

challenging one: to create not only a permanent scientific laboratory but also a permanent town in place of wartime makeshift facilities (AEC 1954; Fehner and Holl 1994; Sauer 1990). At the official transition from the MED to the AEC, the laboratory was renamed the Los Alamos Scientific Laboratory.

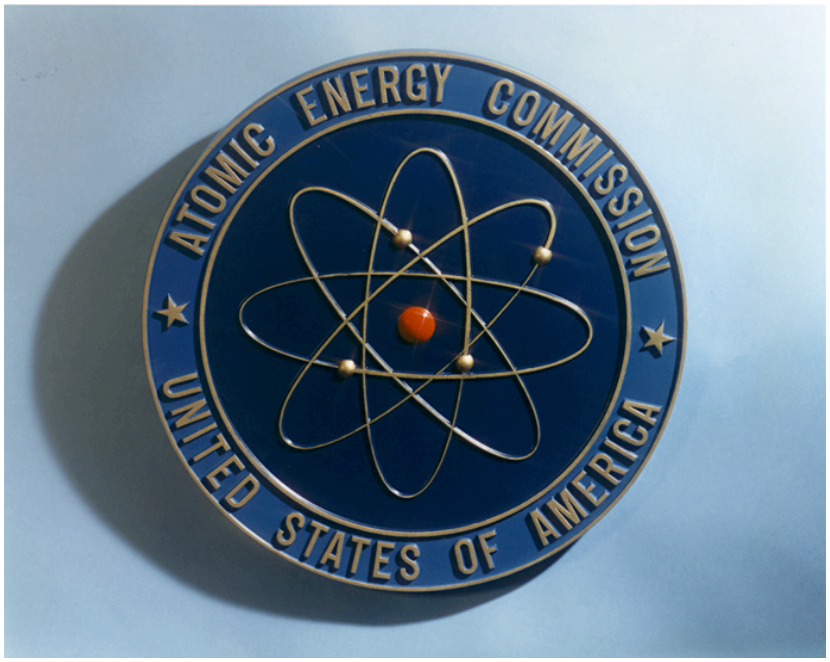


Figure 22. AEC emblem



Figure 23. Dorothy McKibbin outside the AEC office at 109 E. Palace, Santa Fe
Photo courtesy of the Los Alamos Historical Society



Figure 24. Carroll L. Tyler (seated), first AEC Manager at Los Alamos, with Norris Bradbury, Los Alamos Scientific Laboratory Director, 1950
Photo courtesy of the Los Alamos Historical Society

The history of the early AEC years at Los Alamos is complicated. The AEC's Office of Santa Fe Directed Operations managed more than just the post-war scientific laboratory. While other AEC offices at the time dealt with the procurement of fissionable raw materials or other single-area activities, the Santa Fe Directed Operations office

encompassed, in the words of Carroll Tyler, "a research and industrial complex extending from Eniwetok to the Atlantic. It is a composite of weapons laboratories, weapons production plants, industrial factories, military ordnance plants, test sites, and of both open and closed communities. It is an effective partnership of civilian government, a state university, private industry, and the military" (AEC 1950:6).

In September 1948, the AEC's operations office at Los Alamos was renamed the Santa Fe Operations office and, with the continued growth of the U.S. weapons program and the construction of new facilities across the county, the Santa Fe Operations office was moved in 1951 to a former girls' school campus in Albuquerque. Moving the operations office freed up housing in Los Alamos for Laboratory staff involved in thermonuclear weapon development; however, an AEC field office was retained in Los Alamos for the management of the Laboratory's operating contract with its primary scientific contractor, the University of California, and its other contracts for maintenance and nontechnical support with the Zia Company. The AEC office in Albuquerque was eventually renamed the Albuquerque Operations office in 1956, and the office was moved to Kirtland Air Force Base in 1958 (AEC 1950; ERDA 1975).

Los Alamos Area Office

Before 1955, when it moved into TA-43-39, the LAAO occupied a temporary, WWII building in what is now downtown Los Alamos (ERDA 1975; Glanzberg 1955) (Figure 25). The building, T-44, was originally part of the military post's administrative complex and housed wartime offices and the mail and records section (Figure 26). At the time of the AEC's move, TA-43-39 was remodeled to accommodate its new security and administrative functions (Figure 27). The dormitory rooms were modified into offices (individual room faucets and plumbing were removed, counters were placed over the sinks, and door openings between rooms were made). The basement was remodeled into a photo lab for the security office, and lounge areas were converted into conference rooms (McGehee and Garcia 1999). TA-43-39 served as the field office for the AEC for twenty years, from 1955 to 1975.

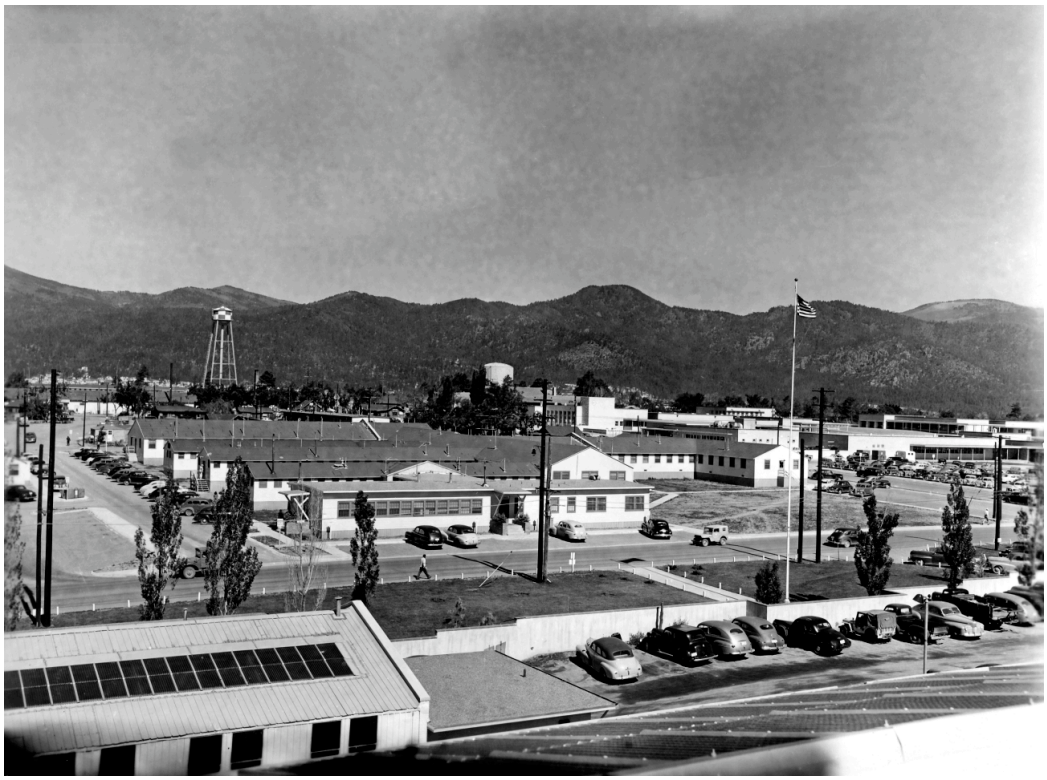


Figure 25. T-44 (center) in downtown Los Alamos, circa 1950
Photo courtesy of the Los Alamos Historical Society



Figure 26. T-44, first AEC office in Los Alamos, circa early 1950s
Photo courtesy of the Los Alamos Historical Society



Figure 27. Remodeling work at TA-43-39, 1955
Photo courtesy of the Los Alamos Historical Society

Los Alamos Security Practices

The Laboratory opened its wartime Security and Pass Office, located within the Main Technical Area, in April of 1943 (Figure 28). Security functions, later located at TA-43-39 under the auspices of the AEC's Los Alamos Security Branch, included safeguarding classified information and investigating new employees (AEC 1950) (Figure 29). The WWII-era Security Office supplied guards for classified shipments, couriers for documents, and guards for convoys. The Security Office was also responsible for incoming shipments and made the arrangements for meeting these shipments as well as safeguarding and delivering them (Truslow 1991). In order to safeguard classified information, the Security Office issued document classification and handling instructions. The issuing of security clearances, also arranged by this office, was often a lengthy process. This background investigation, however, was a requirement for assignment or employment at Los Alamos for both military and civilian personnel.



Figure 28. Security and Pass Office located in the Main Technical Area, circa 1950
Photo courtesy of the Los Alamos Historical Society



Figure 29. TA-43-39, AEC Administration Office Building, circa 1956 (note sign for Pass Office at lower center of photo)

Special nuclear materials and the technical and scientific operations associated with them were under the direct oversight of the Security Office. Due to the expense and military importance of these special materials, they were placed under continuous armed surveillance by a dedicated detail of military and civilian guards (Truslow 1991).

Other areas of responsibility included the guard system, visitor control, and the pass system. Physical components of the guard system included main guard posts placed at key entrances to Los Alamos and at entrances to the Main Technical Area (TA-1). Other guard facilities were also established at outlying technical areas (Truslow 1991).

The AEC Security Service (later known as the Protective Force) was formed in 1947 at the same time the Laboratory transitioned from Manhattan Project control to AEC administration. Actual transfer of duties was a gradual process with most members of the Military Police replaced by mid-November 1947 (Sauer 1990) (Figures 30 and 31). This change in security personnel—the first group of replacement guards arrived in October 1947—reflected a shift from Army Military Police and security guards to a civilian security force (Sauer 1990). The AEC Los Alamos Security Branch's duties mirrored those of the wartime Security Office and included responsibility for the guard force, physical security, personnel security, and shipment security (AEC 1950). Access to Los Alamos was tightly controlled even after the end of the Manhattan Project (Figure 32). In 1957, more than ten years after the end of WWII, the "closed" city of Los Alamos finally opened its gates.



Figure 30. October 1947, the AEC Protective Force takes over from the military; Main Guard Gate, East Road
Photo courtesy of the Los Alamos Historical Society



Figure 31. AEC Protective Force, known as "Blue Boys" because of their blue overcoats
Photo courtesy of the Los Alamos Historical Society



Figure 32. AEC mounted security patrol
Photo courtesy of the Los Alamos Historical Society

The LAAO under the ERDA

The AEC continued the government's monopoly in the field of atomic research and development until the energy crisis of the mid-1970s (Fehner and Holl 1994). That crisis led to the creation of the Energy Reorganization Act of 1974 during the presidency of Gerald Ford. This act established the ERDA, which was given the licensing and regulatory functions of the now-abolished AEC. ERDA inherited the largest portion of its budget and staff from the AEC, including the commission's network of field offices and national laboratories. ERDA was activated on Jan. 19, 1975 (Fehner and Holl 1994). The LAAO remained in the same building, TA-43-39; only the name of the sponsoring agency was changed.

The LAAO under the DOE

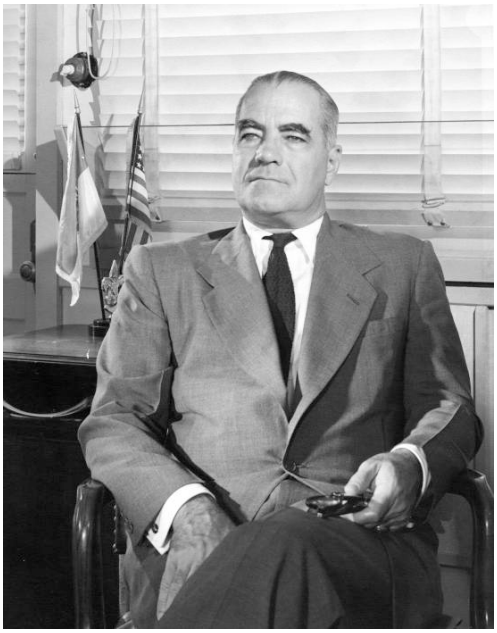
Towards the end of his administration, President Ford, increasingly concerned about the nation's continuing energy problems, recommended that Congress create the DOE. His successor, President Carter, took up the cause, proclaiming a national energy crisis within days of his inauguration in January 1977. On March 1, 1977, Carter presented Congress with a proposal to reorganize the nation's energy policies. In August, Carter signed legislation abolishing ERDA and creating the DOE. The department was officially activated on October 1, 1977 (Fehner and Holl 1994).

Once again, the signs were changed at building TA-43-39. And again, the latest tenant inherited field offices, research centers, university programs, and national laboratories from its predecessor agencies, the AEC and ERDA. The network of national laboratories was kept intact as a valuable national resource. Among what were called "the jewels in the crown" was the scientific laboratory at Los Alamos. Laboratories at Argonne, Berkeley, Brookhaven, Livermore, Oak Ridge, and the new Solar Energy Research Institute established in Golden, Colorado, comprised the additional premier assets of the DOE (Fehner and Holl 1994).

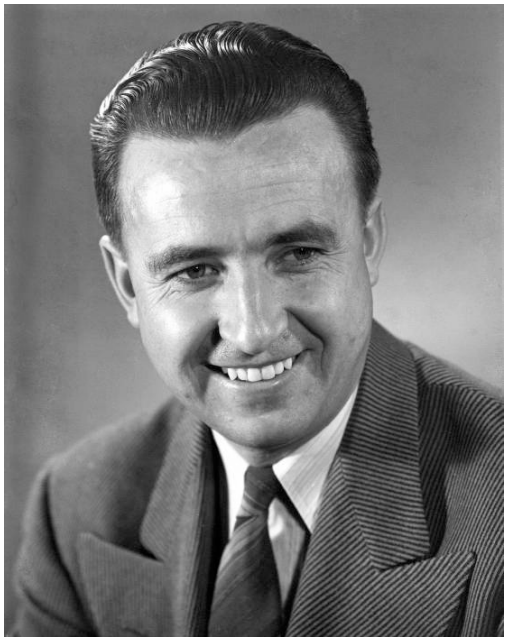
End of an Era

In 2003, the signs on building TA-43-39 changed for the last time when LAAO became the NNSA, LASO (LANL 2003). The NNSA, established by Congress in 2000, is a semi-autonomous agency within the DOE whose main responsibility includes enhancing national security through the military application of nuclear energy (DOE 2009). An end of an era came in October 2008, when employees of LASO were relocated to a new building after TA-43-39 was slated for demolition (LANL 2008b).

Los Alamos Office Managers



Carroll L. Tyler
1947–1954
(Santa Fe Directed Operations Manager)



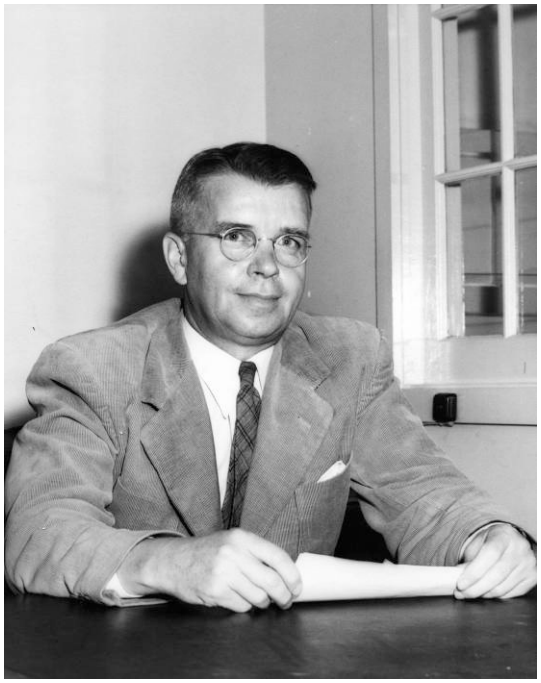
Elmo R. Morgan
1951



Ralph P. Johnson
1951–1952



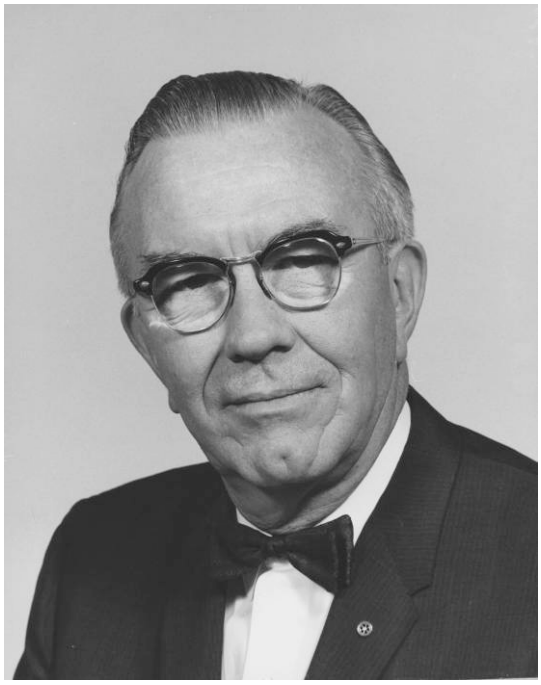
Frank C. DiLuzio
1952–1956



Paul A. Wilson
1956–1961



John J. Burke
1961–1962



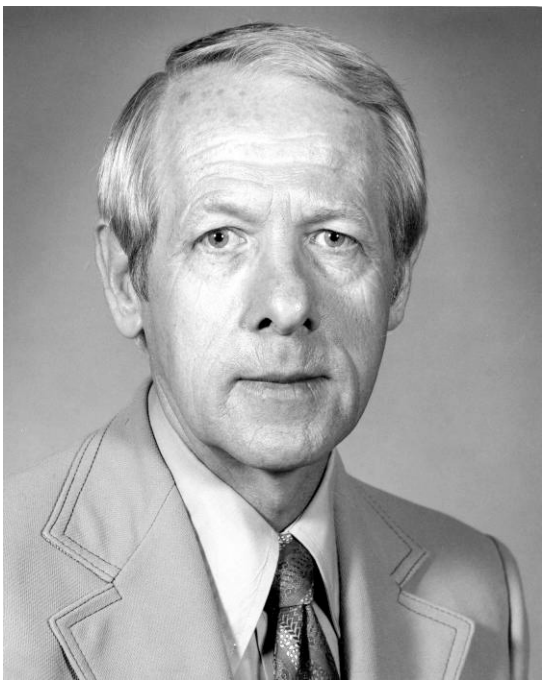
Charles C. Campbell
1962–1967



Herman E. Rosser
1967–1967



H. Jack Blackwell
1968–1974



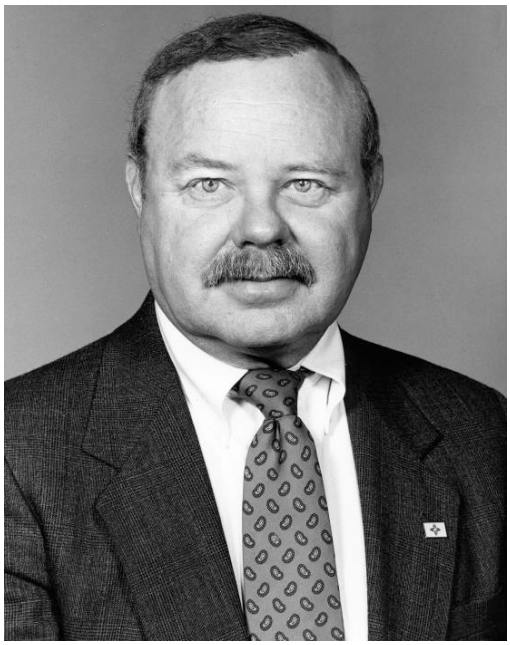
Kenneth R. Braziel
1974–1981



Harold E. Valencia
1981–1989



Jack E. Tillman
1989–1990



Jerry L. Bellows
1991–1994

Other Los Alamos DOE or NNSA Area Managers (not pictured) whose offices were located in the LASO Building (TA-43-39) included G. Thomas Todd (1996–1998), David Gurule (1998–2001), Ralph Erickson (2002–2004), Ed Wilmot (2004–2007), and Donald L. Winchell (2007–2010).[3]

The Steam Plant, TA-43-41

Building TA-43-41, the Western Steam Plant, started operation in 1949 and was taken out of service in the 1980s. As late as 1986, LANL utilities staff still planned to keep the steam plant as a standby facility, but the presence of asbestos and polychlorinated biphenyls, combined with the inability to install modern controls, led to the plant's permanent removal from service in the spring of 1990. In the early 1980s (April of 1981 or 1982), an accident occurred at the plant involving three Zia Company steam plant operators. A build up of carbon monoxide during an early morning startup caused all three operators to lose consciousness. This serious but non-fatal accident probably resulted from a failure to open the damper on the normally idle backup plant (Rush 2001).

The steam plant building supported the DOE's LASO Building (TA-43-39) and served as an auxiliary and backup plant to the townsite steam system, which was fed by the main steam plant located at LANL's TA-3 (Rush 2001). The steam plant was also connected to the Los Alamos Medical Center and the Laboratory's Health Research Laboratory

[3] Gaps in Area Manager service dates reflect periods when interim "acting" managers were appointed.

(HRL) building as a backup. Between 1976 and 1983, the building supported the Zia Company's wastewater laboratory operations (LANL 1992; McGehee and Garcia 1999).

How a Steam Plant Works

A steam plant generates steam for use in heating and, occasionally, for other industrial applications requiring pressurized steam. Boilers, typically operated by gas, oil, or electricity, are used to heat the water used in steam heating systems. A typical steam plant includes boilers, distribution pipes, and radiators at the distribution points.

Key features located inside TA-43-41 include two boilers, a pump room, a shop, a fan platform, numerous fixed and operable windows to allow for natural light and ventilation, and a deaerator platform (Figures 33–35). A deaerator is used for the removal of air and other dissolved gases from the feedwater to steam-generating boilers. Deaerators are typically elevated in boiler rooms to help create head pressure on pumps below.

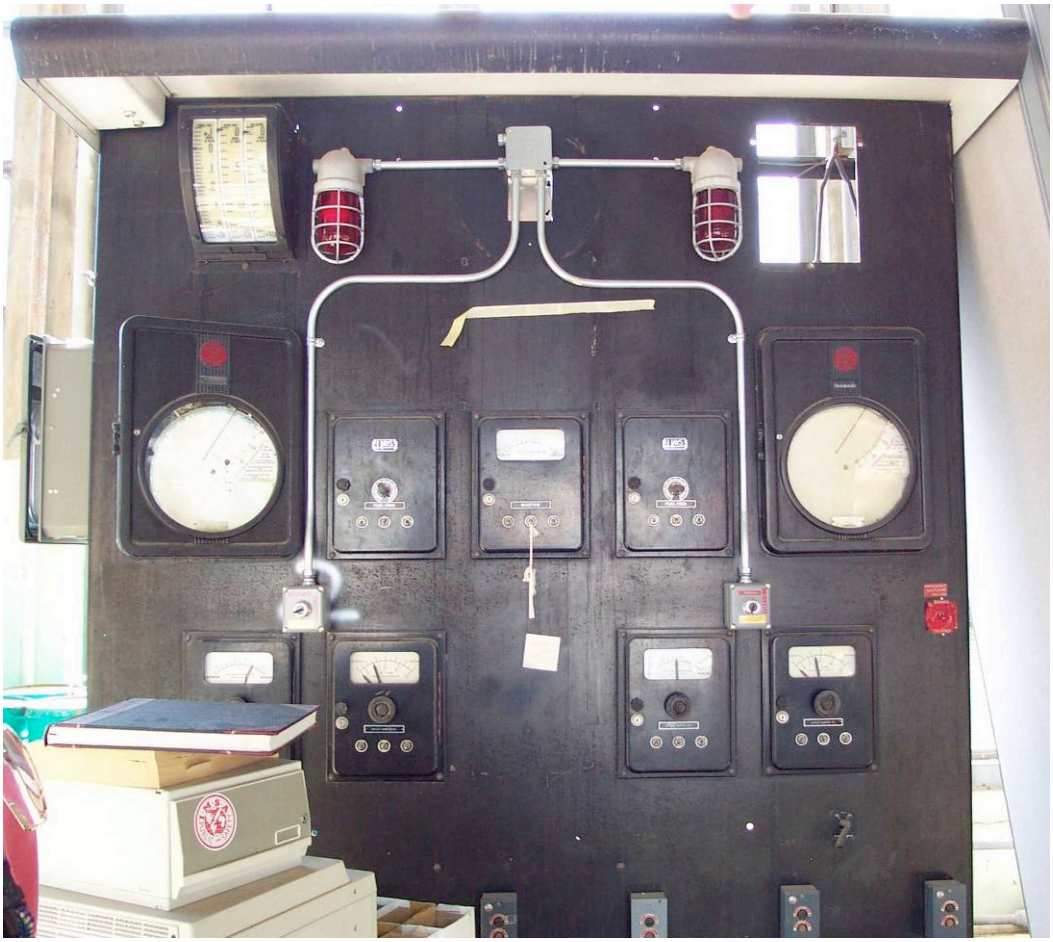


Figure 33. Steam plant control panel



Figure 34. Deaerator tank in abandoned steam plant building, upstairs



Figure 35. Interior view of boiler room section

TA-73 Incinerator

Airport Tract Historical Background

The Airport Tract is located in TA-73. This portion of TA-73 was originally a landfill for the Laboratory and for Los Alamos County. In 1948, the area was developed for use as an airport, and over the years the Airport Tract has supported commercial air transportation and general aviation use (private pilots) (DOE 1999). The tract includes the airport terminal building, a storage building converted from a former Laboratory incinerator, a Morgan™ shed, a gas meter station, and plane hangars. At the time of the historic building survey, Los Alamos County, the airport operator, leased the land from the DOE (DOE 1999).

The Incinerator at the Los Alamos Airport, TA-73-2

Introduction

Beginning in 1947, TA-73-2, a solid-waste incinerator, operated along the edge of Pueblo Canyon on a north-facing slope just northwest of the Los Alamos Airport (Figure 36). The incinerator, whose original purpose was to destroy classified documents, was used for only a short period by the Laboratory because it did not function properly. Later, as described below, it was used by Los Alamos County to burn municipal waste. A steam-cleaning plant for garbage trucks, cans, and dumpsters, removed in 1971, was located immediately south of the incinerator (LANL 1992, 2005; Reneau *et al.* 1998; Innovative Technical Solutions, Inc. 2005).



Figure 36. TA-73-2 in operation
Photo courtesy of Los Alamos Historical Society

Description of the Building

The incinerator is a two-story building. It consists of a stoking floor on the bottom level, sunk below the canyon's edge, and a charging floor above, which was level with the airport terminal parking lot. Toilet and shower facilities were on the charging-floor level. Rising high behind the building was a smoke stack six feet in diameter. Ashes from the incineration process were dumped on the slope below the canyon rim north of the incinerator building. The ash debris accumulated in a fan about 150 feet wide approximately 140 feet below the top of the mesa (LANL 2005; Innovative Technical Solutions, Inc. 2005).

How the Building Operated

Incineration is a method of disposing refuse by burning it at high temperatures. At building TA-73-2, materials to be burned were dumped on the ground-level charging floor where they were pushed through holes in the floor that opened to the stoking floor below. On the stoking floor, the waste was pushed through the furnace, which was equipped with grates. The ash fell through the grates to an ash pit below and then was dumped—along with any unconsumed metal and glass—over the edge of the canyon from a pair of concrete piers that hung over the canyon's rim. Between the furnace and the stack was a combustion chamber where the hot gases were mixed and their burning completed. The stack not only discharged gases to the air but also moved air through the incinerator. Stacks are tall to make sure that the emitted gases are diluted with the outside air and to minimize the escape of fly-ash (Innovative Technical Solutions, Inc. 2005).

The Building's Later History

In June 1948, the Zia Company, which had contracted to provide support operations for the Laboratory and the town of Los Alamos in 1946, acquired the incinerator building (McKee 1950; New Mexico Office of the State Historian 2009). The Zia Company burned municipal trash there until some time before September 1973 (Figures 37–39). After that time, and after the incineration equipment and the effluent stack had been removed (the date of decommissioning is not documented), the Los Alamos Dog Obedience Club used the building. At the time of survey, the building was being used for storage by airport car-rental agencies (Innovative Technical Solutions, Inc. 2005).



Figure 37. Dump truck collecting municipal trash (photograph scanned from McKee 1950)



Figure 38. Trash being dumped on charging floor (note charging holes in foreground)
Photo courtesy of Los Alamos Historical Society



Figure 39. Waste being pushed into the charging holes
Photo courtesy of Los Alamos Historical Society

Other Incinerators at Los Alamos

The incinerator at TA-73-2 is one of several incinerators at Los Alamos. During the Manhattan Project, government workers collected garbage from each residence daily. Both wet and dry garbage were then burned in an incinerator built for the purpose (Figure 40) (Truslow 1991). Any unneeded document was also burned in an incinerator. Lili Hornig, a Manhattan Project chemist, remembers her time working at a post-war Los Alamos incinerator:

> Then I went back to work in that group . . . the following spring sometime, the spring of 1946 to help shut it down, but most of it was transferred to Sandia. I spent a long time burning. We had an incinerator, and we stood out there, in the boiling summer sun for hours feeding the incinerator. I seem to remember that we sent one copy of everything to the Archives. This had been a pretty big office, I seem to remember two secretaries at least all in one big room, a madhouse (Bell 1993).



Figure 40. Manhattan Project residential waste incinerator, five-ton capacity

Another post-war incinerator facility, TA-69-3, was built in 1959 at a location along West Jemez Road, southwest of the town of Los Alamos. Before its removal, the building housed two incinerators that were used to burn classified documents. This process continued until the late 1970s when documents were shredded instead. The incinerator building was of pre-fabricated metal construction, measured approximately 560 square feet in size, and had a concrete foundation. The building was of open, split-level design and was built on a slope (Figure 41). The building's second incinerator (a "confidential paper destroyer") and its associated stack were added some time after the original construction of the facility (Figure 42). The original incinerator was located on the lower level in the north half of the building (Figure 43). A small steel door was located on the building's north elevation and led into this lower incinerator area. The upper level was an open mezzanine with a metal grating walkway. This mezzanine area was located on the south side of the building and had a counter area for sorting the items to be incinerated and a "macerator" to grind up the documents. Processed documents went from the macerator directly to the original incinerator via a long duct. A second incinerator was located on the mezzanine level (LANL 1993b).



Figure 41. Incinerator facility, TA-69-3



Figure 42. TA-69-3 paper destroyer



Figure 43. TA-69-3 original incinerator

ARCHITECTURAL OVERVIEW

Buildings TA-43-39, TA-43-41, and TA-73-2 were designed by the New Mexico firm of W. C. Kruger. It is interesting to note that several of the most significant historical properties remaining at the Laboratory that date from the Manhattan Project and Cold War era were also designed by W.C. Kruger's architectural firm: TA-6-37 (The Concrete Bowl), 8-1, -2, and -3 (Gun Site), 12-4, 14-6, 16-516 and -517 (V-Site), 18-1, -2, -5, -23, and -26 (Pajarito Site), 22-1 (The Quonset Hut), and TA-73-15 (the East Gate Guard Tower). Although Kruger's name is not on the original drawings, his architectural sensibilities may have influenced the design of the two warehouse buildings, TA-21-1001 and TA-21-1002. Decorative design elements located on the main elevations of both warehouse buildings, such as concrete vigas and corbels, demonstrate a familiarity with New Mexico architectural styles (i.e., Pueblo Revival style). However, a close examination of the original drawings for the two warehouses reveals a clue to another possible design influence. The title block shows that Max Flatow, then an architect for the Army Corps of Engineers, submitted the drawings for the two buildings. Although no records exist to confirm who actually designed the warehouses, Flatow, who went on to become a prominent New Mexico architect, may have been solely responsible for the design of TA-21-1001 and TA-21-1002.

Max Flatow joined the Army Corps of Engineers in 1943 and served as a first lieutenant and member of the Manhattan Project. At Los Alamos, Flatow, who had received his architecture degree in 1941 from the University of Texas, Austin, designed some of the military facilities built to support the war effort. Flatow founded his first architectural firm in 1946, expanding the Albuquerque-based company in 1948 to include his original partner, Jason Moore. Flatow's firm became one of the largest in New Mexico after the war; Flatow, along with several partners, was responsible for the design of many prominent New Mexico buildings, housing projects, and commercial developments. The firm designed churches, banks, government buildings, recreational facilities, shopping centers, residential areas, and schools. Well-known Albuquerque projects include the Simms Building, built in 1954 and listed in the National Register of Historic Places, and the Medical Arts Square, built in 1950. Flatow's firm is credited with bringing the style of modernism to New Mexico. In contrast to traditional Territorial and Pueblo Revival styles, many of the firm's buildings are characterized by clean lines and strong horizontal details. Flatow's firm closed its doors in 2002, and Flatow passed away in 2003 (American Institute of Architects 1962, University of New Mexico 2001, and University of New Mexico 2008).

W.C. Kruger

Willard Carl Kruger was the architect responsible for the design of building TA-43-39, first built to house members of the post-war security force and later used as the headquarters for the local office of the AEC and its successor agencies. Kruger's firm also designed the steam plant (TA-43-41), located adjacent to building TA-43-39, and the incinerator building (TA-73-2), located at the airport.

W. C. Kruger was born in 1910. At twenty-four he obtained an architecture degree from what is now Oklahoma State University; that same year (1934), he began professional training as an architectural draftsman for the State Planning Board of New Mexico. Within two years—in 1936—he was named chief architectural designer for the Works Progress Administration for New Mexico, although he relinquished that position in 1938 to establish his own architectural firm, Kruger and Clark (Kruger 1945). During the pre-WWII years, the two partners designed numerous buildings in New Mexico for the New Deal's Public Works Administration and the Works Progress Administration, including courthouses at Truth or Consequences (1938), Mora (1939), Socorro (1940), and Las Vegas (1942); the Carrie Tingley Hospital in Hot Springs (1937), and Clayton High School (1936). Kruger was in sole practice during the war, from 1942 to 1945, when Clark was serving in the military. In 1946, without Clark, Kruger established the firm of W. C. Kruger and Associates. The firm had offices in Santa Fe (Figure 44), Los Alamos, Albuquerque, and, at its height, in Los Angeles (Barnhart, n.d.).



Figure 44. Kruger Professional Building, Santa Fe, 1950

Kruger and Los Alamos: the Manhattan Project Years

The wartime technical area that grew up around Ashley Pond on the Los Alamos Ranch School grounds—now the center of Los Alamos—was designed by a committee. The result of group decision-making might not have been aesthetic, as can be observed from the early photographs of the technical area, but it was certainly functional (Figure 45). Kruger was a member of that committee, chosen because his work was known to the

army, because he had a competent staff, and because he had offices nearby in Santa Fe (Truslow 1991). Other members of the design committee were Samuel Allison of the Chicago Metallurgical Laboratory, Robert Oppenheimer, General Leslie R. Groves, and an Albuquerque engineer, Elmo Morgan (Hoddeson *et al.* 1993). The story is told that "Kruger would pick up Oppenheimer early in the morning, buy him cigarettes, and then find General Groves camped on his office doorstep, irate because they were five minutes late. This was after having worked until two or three a.m. the previous night" (Paxton, n.d.).



Figure 45. Main Technical Area and Ashley Pond, early 1950s

Kruger's specific responsibilities in developing the technical area were listed in the first contract, dated December 23, 1942, drawn up between Kruger's firm and the Albuquerque Engineer District of the Southwestern Engineer Division of the Army Corps of Engineers. (After March 1944, supervision of design and engineering was assumed by the MED.) Kruger and his firm were to complete the design drawings of the metallurgical buildings, adapt standard military plans for other buildings, and prepare plans for utilities and streets and for rehabilitating the Los Alamos Ranch School buildings. The firm was to complete these tasks in just a few weeks: by January 15, 1943. That this deadline was too short is indicated by a modification of the contract on January 14, which extended the completion date to the end of January (Chambers 1974; Paxton, n.d.).

This first contract between Kruger and the Army Corps of Engineers was only the beginning of what would become Kruger's long involvement in creating the physical structure of the town of Los Alamos. But 1943 was surely the most intensely active year

of the relationship, characterized as it was by the urgency of the race to build an atomic bomb before—as was feared might happen—Germany did. In June 1943, for example, Kruger was given the responsibility for the design of dormitories, apartments, and more technical buildings. A month later, on July 7, he was asked to design more dormitories, seven buildings at the Anchor Ranch site several miles south of the technical area (Figure 46), and a school building.



Figure 46. Manhattan Project gun device facilities (center), Anchor Ranch site (TA-8), 1950

In addition, he was asked to remodel the Ranch School's Arts and Crafts Building as the living quarters of Lt. Col. Whitney Ashbridge, who in August 1943 had become commanding officer of the army post that was Los Alamos. On July 15, Kruger was asked for designs to increase the size of D Building (the Laboratory's first plutonium-processing building), to expand the boiler house, to remodel the commissary, Spruce Cottage (a Ranch School building), and the guard house, and to enlarge the military's mess hall. On July 23, Kruger was instructed to prepare plans for a detector and floodlighting system for the technical area. On December 28, Lt. Col. Ashbridge asked Kruger for the design, plans, and specifications for additional high explosives facilities at S-Site (TA-16); that contract was signed on December 31 (Paxton, n.d.) (Figures 47 and 48). Kruger's contributions to the Manhattan Project built environment in areas away from the Main Technical Area include the design of detonator facilities at TA-6 and various facilities related to the development of the first atomic weapons at TAs 8, 12, 14, 15, 16, 18, and 22.



Figure 47. S-Site, 1949

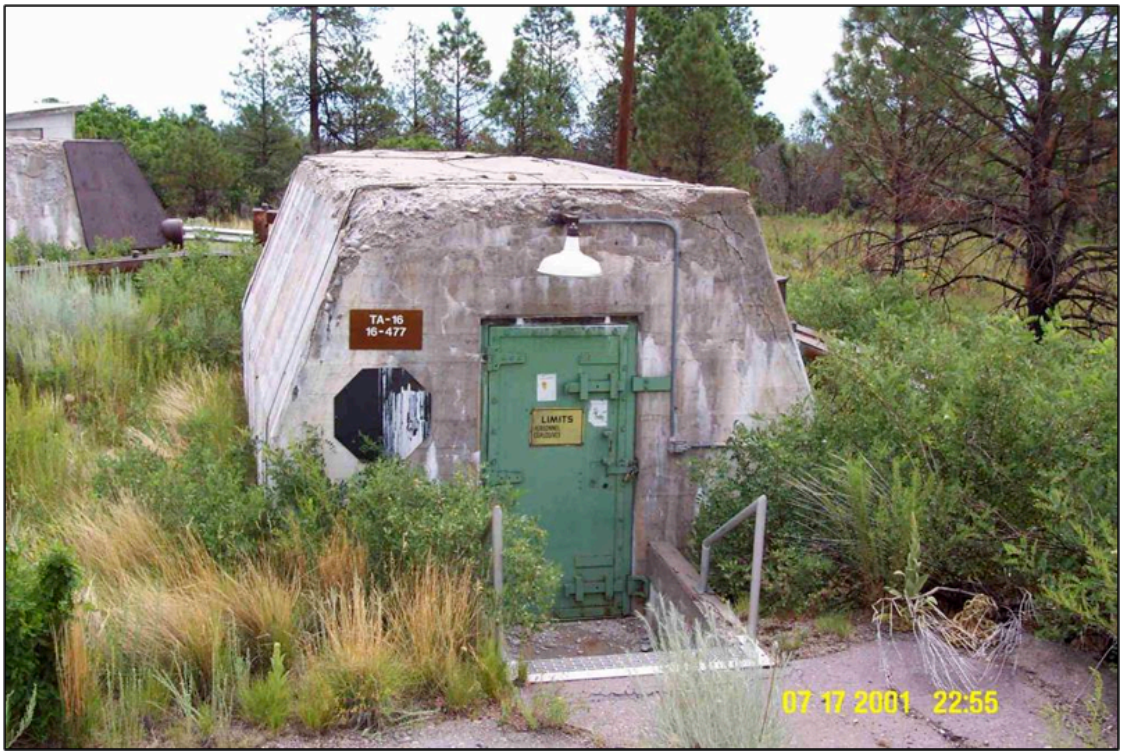


Figure 48. Manhattan Project implosion research facility (TA-16-477); W. C. Kruger, architect

Kruger and Los Alamos: After the War

The end of the war in 1945 caused only a temporary construction slow down, for by January 1946, the Army had agreed to make Los Alamos a permanent installation (Martin 2000). Kruger's firm (now W. C. Kruger and Associates) was given responsibility for drawing architectural and engineering plans for houses and for community buildings as well (Martin 2000). By 1949, Kruger had designed not only new housing (including Western Area houses and the men's residence hall that became the site of the LAAO and the Western Area houses), but recreation facilities, the telephone building, the Community Center (a combined community and shopping area, which included Kruger's only post office commission [Figure 49]), a trailer camp, the high school, the civic auditorium, and the hospital. A permanent community was beginning to take shape, born out of a hastily thrown together, wartime community whose imminent demise had been predicted as soon as international hostilities ceased.



Figure 49. Los Alamos Post Office

Kruger's firm continued as architect-engineer for major Los Alamos buildings until Kruger's death in 1984. The firm designed scientific facilities such as the HRL building (TA-43-1), the Physics Building (SM-215), and accelerator facilities at TA-53; local churches; additional school facilities and remodels to existing schools; and several remodels of the Los Alamos Medical Center.

Kruger's Impact on New Mexico

At the same time, Kruger's firm was making its mark, architecturally, with many other commissions state wide. For example, the firm is credited with the Corps of Engineers

building for the AEC (1950) and buildings at Area II (1948 to 1951) at Sandia Base in Albuquerque, four buildings at the New Mexico State Hospital (1954), and the Governor's Mansion in Santa Fe (1955) (Barnhart, n.d.; Ullrich 1998). The firm designed several important sports facilities, including University of New Mexico's University Stadium (1960) (Figure 50) and New Mexico State University's Pan American Center (1968) (Gugliotta, n.d.; New Mexico State University 2008). In 1966, the firm designed the state penitentiary, the state highway building, and the basic science building at the University of New Mexico medical school. Between 1964 and 1966, Kruger and Associates designed (with John Gaw Meem) a new state capitol building (Figure 51) and, at about the same time, the New Mexico State Library building. In 1968, the firm designed Santa Fe's P.E.R.A. (Public Employees Retirement Association) building and designed downtown Albuquerque's Gold Building (Barnhart, n.d.; Wikipedia 2009). As Kruger indicated in his biography, printed in the second edition of the Directory of American Architects, the scope of his projects was wide: he designed residential, commercial, religious, and educational buildings; health facilities, penal institutions, and public, military, scientific, and mortuary buildings (American Institute of Architects 1962).



Figure 50. University Stadium, Albuquerque



Figure 51. New Mexico State Capital Building, Santa Fe

Kruger's Architectural Style

During the New Deal years (1933 to 1939), an emphasis on regionalism characterized civic architecture. In New Mexico, Kruger's earlier commissions reflected the regional influence of the Pueblo Revival and Territorial Revival styles. His later commissions influenced the definition and adoption of the Territorial Revival style in New Mexico after it was originally developed by noted New Mexico architect John Gaw Meem and his protégé Gordon Street (Wilson 1997). After WWII, Kruger and Associates continued to design in the Territorial Revival style but adapted it to modern construction materials and evolving modern design principles. Territorial Revival architecture combines the Greek Revival style with New Mexico's vernacular adobe style and is characterized by pedimented lintels, brick copings, classical porch posts, flat roofs, and light-colored stucco (Figure 52). It derived ultimately from a style of architecture that became common in New Mexico from the time it became a territory of the United States in 1848.

Kruger did not, however, design TA-43-39 in the Territorial Revival style. Bowing to wartime urgency, restricted budgets, and government standards requiring "Spartan simplicity" for its buildings, Kruger designed TA-43-39 in a modified International style: a minimalist style that emerged in the 1920s and 1930s and emphasized simple, clean lines; regular geometric forms; and the use of glass, steel, and reinforced concrete.



Figure 52. Territorial Revival details, New Mexico State Capital Building

CONCLUSION

The five buildings documented in this report played diverse yet significant supporting roles in Los Alamos's Cold War story, providing key housing and administrative functions as well as important utility and waste disposal services. W.C. Kruger, the designer of most of the buildings, went on to become an important architect in New Mexico, leaving his unique mark—a blend of Pueblo and Spanish design elements with International-style sensibilities—on many government and institutional buildings throughout the state.

TA-21-1001 was built as a permanent concrete warehouse in 1947. In 1949, the building was formally identified as the AEC Depository and by 1950, it was identified as the Records Service Center. TA-21-1001 is important for its role in providing administrative support to the AEC and the Laboratory. It was the Laboratory's central records repository and was the first location for the Laboratory's archives.

TA-21-1002, built in 1947 during Los Alamos's transition from a WWII project to a Cold War AEC facility, functioned as a warehouse-type building throughout its fifty-year-plus lifetime. In addition to its use as a warehouse, portions of the building were used for a welding school, a metal shop, an electric line shop, and other utility shops. The building is significant for its continuous support of general Laboratory operations.

The LASO Building (TA-43-39) is important for both its original function as the "Police Barracks" dormitory for the Laboratory's security personnel and for its final function as the main office building for the various federal agencies that have had responsibility for overseeing the operations of the Laboratory.

The abandoned steam plant (TA-43-41), which began operating in 1949, is important for its association with and support of the DOE LASO Building and other buildings within the townsite of Los Alamos. The building also supported Zia Company wastewater operations between 1976 and 1983.

The incinerator building (TA-73-2) is important for its administrative function as an incinerator for classified documents. These documents came from the Laboratory and from the AEC. Later, this incinerator was used to burn all types of Laboratory trash and Los Alamos County trash.

The story of the scientific history of Los Alamos, starting with the wartime Project Y laboratory, is usually told with an emphasis on the famous scientists and key scientific accomplishments that contributed to the development and later refinement of atomic weapons design and associated technology. This report describes five facilities that enabled the mission of the scientific laboratory and its successive government oversight agencies by providing administrative and other key support functions. These "pillars of the Cold War" and other support buildings like them at Los Alamos made vital, behind-the-scenes contributions to the success of the Laboratory.

PROPERTY DESCRIPTIONS

TA-21-1001

Technical Area: 21

Building Number: 1001

Original Function: Permanent Warehouse (ULR-130/TA-0-130)

Current Function: Records Vault

Date Constructed: 1947

Associated Theme: Laboratory Administration

Property Type: Administration /Office Building

Integrity: Excellent

Eligibility: Yes, Criteria A and C



View to southwest of north side



View to southwest of west end of building (north side)



View of east side



Long view of south side (view to northwest). Note concrete vault in foreground.

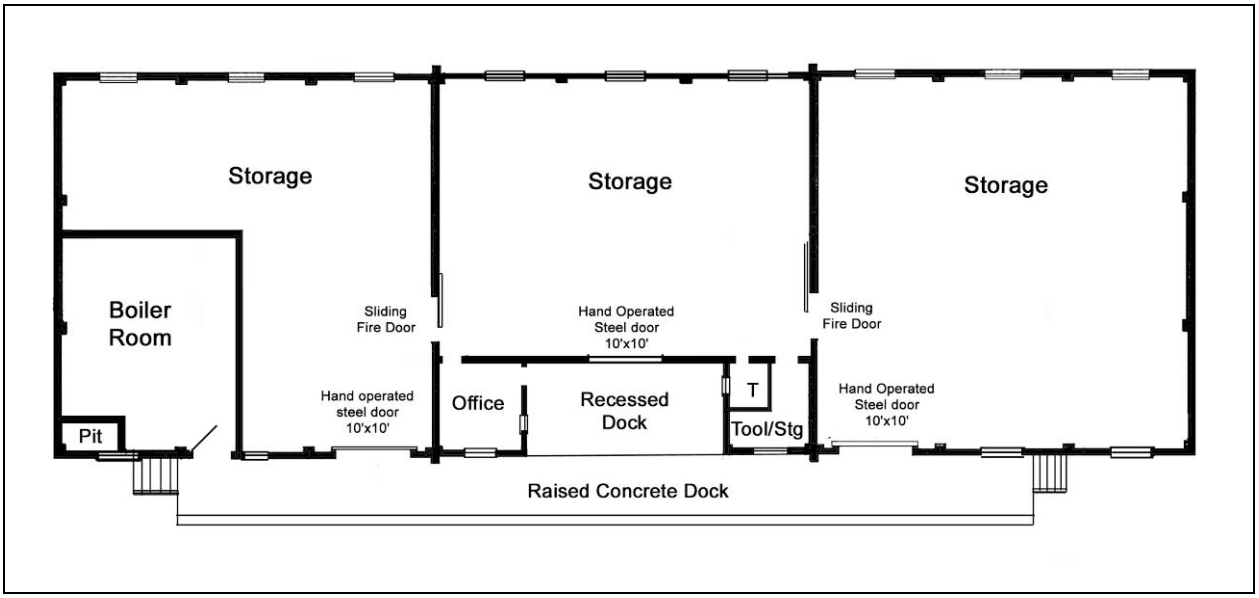


View of west side



Detail of loading bay

Architectural Description



Floor plan of three-bay unit[4]

TA-21-1001 is a single-story, rectangular-in-plan building measuring 300 feet long by 50 feet wide. The building, divided into six bays labeled Bay A to Bay F from east to west, is constructed with a poured concrete perimeter foundation, 4-inch concrete floor slab over compacted grade, and 8-inch concrete walls covered with ¾-inch stucco. The building has a low sloped shed roof, which is constructed with steel trusses spaced 4 feet apart and supported horizontally by cross bracing. Each of the six bays is separated by 8-inch concrete walls that extend through the roof plane providing fire stops between the bays. Class R, three-ply composite, sliding fire doors are set within the concrete firewalls. These 6-foot-wide doors are operated by a pulley and weight system. A raised concrete loading dock, located on the north side of the building, is equipped with stairs at each end and spans ¾ of the length of the building. The dock is equipped with wood and rubber bumpers, and the stairs have pipe handrails.

As stated previously, the building is made up of six bays, which are actually two, three-bay warehouse units constructed side by side that are mirror images of each other. Each of the stand-alone three-bay units measures 150 feet long with the interior dimensions of each bay being 50 feet wide, center of wall to center of wall. The front wall of the center bay is set back from the face of the building by 12 feet thereby creating a recessed dock area. The recessed dock measures 12 feet deep by 26 feet wide and is constructed with decorative corbels and concrete vigas (see diagram above). Above each recessed dock

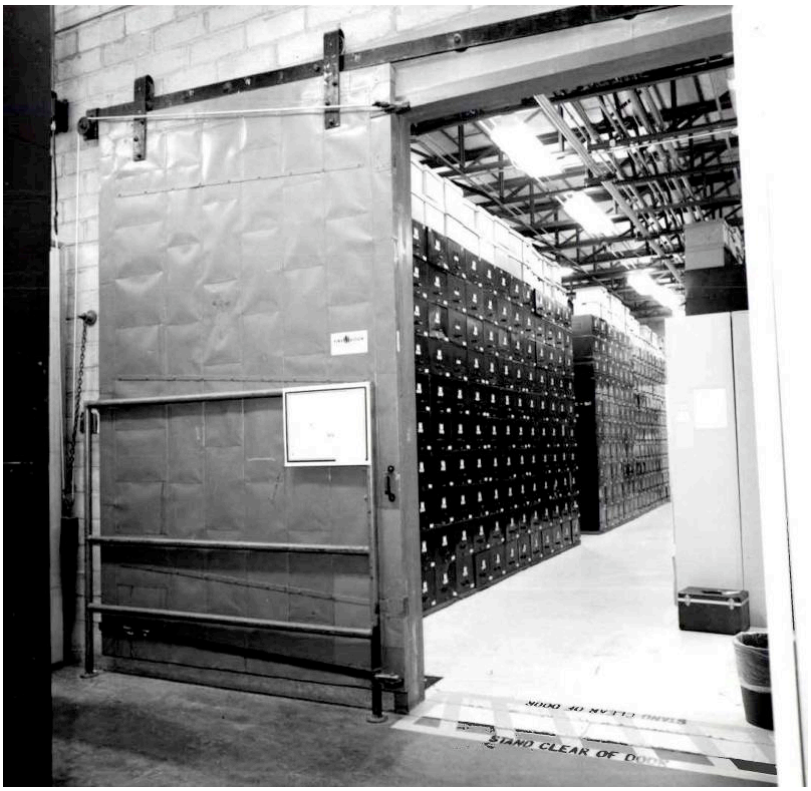
[4]Plan scanned from LANL drawing C24134, *Floor Plan and Sections, Permanent Warehouses,* U.S. Engineer Office, Santa Fe, New Mexico, Office of the Post Engineer. Date not readable due to the quality of drawing. This drawing has been scanned, redrawn, and resized to fit this document.

are ten, 3-foot-high, fixed steel-frame clerestory windows illuminating the center storage bay. Flanking the opening is a small office, equipped with an exterior door and window, and a combination tool/storage and toilet room. A 10-foot by 10-foot accordion overhead door was originally set within the headwall of the recessed bays. This door, in the eastern recessed bay, has since been removed and infilled with concrete block. A pair of metal doors has been installed in its place. The east-end overhead door has been removed, and a single painted metal door with one lite has been installed as well. The surrounding opening has been infilled with concrete block. Additional doors within the building, limited to the north side only, consist of singles and pairs of painted metal doors, each with one lite and security screens. Windows, on both the north and south sides, include steel-frame, four- and three-panel, hopper-style windows equipped with exterior security bars.

A concrete vault was constructed on the south side of Bay A in 1950. The vault, measuring 26 feet 4 inches by 16 feet 3 inches, is constructed with a poured concrete perimeter foundation, 8-inch poured concrete walls, 6-inch concrete floor slab on compacted fill, a sloped concrete roof that varies from 11 inches to 1 foot 1 inch in thickness, and an 8-inch concrete parapet on three sides.



View of interior of Bay D



View of Bay C from Bay B (note original fire door and storage drawers)



Interior view of Bay B

Remodeling History

The interior of the building remains virtually unchanged since it was originally constructed in 1947. Modifications of note include the creation of three small offices in the original east-end bay, the vault room addition, and the reconfiguration of the fourth bay from the end by adding two offices and two restrooms. A chronological summary of building modifications is included below.

In 1949, electrical and lighting upgrades were conducted. New interior partitions were constructed and portions of existing partitions were removed. In 1950, the vault room addition was added to the east end of the south elevation of the building. The top portions of the windows encompassed by the vault room addition were replaced and security sashes were installed. One of the openings became the doorway into the vault room from the main building, and the lower portion of the other was filled with masonry to match the existing wall. Interior modifications were also made in 1951. These included relocating shelving, moving a counter and remodeling it to fit a new location, and removing a wall partition. In 1968, several doors were welded shut, a new pedestrian door was installed (which is sealed today), the wooden bumper along the edge of the dock was removed, and the sprinkler system to the entire building was modified. In 1973, the original center roll-up door opening was sealed, and new metal double pedestrian doors were installed. At the same time, the single pedestrian door to the east of the new doors was welded shut, and the eastern roll-up door was anchored to the floor with a concrete anchor. A single pedestrian door was removed in 1982, and the opening was sealed with concrete masonry unit (CMU) blocks. A fire door was relocated and the original opening was also filled with CMU blocks. In 1987, additional electrical power was installed.

Historical Background

TA-21-1001 was built as a permanent concrete warehouse in 1947. In 1949, the building was formally identified as the AEC Depository and by 1950 it was identified as the Records Service Center, at which time a vault room was added. Since that time (circa 1949/1950), it has been used solely as the LANL Records Center-Archives and Vault.

TA-21-1001 is important for its role in providing administrative support to the AEC and the Laboratory. It was the Laboratory's central records repository and was the first location for the Laboratory's archives, which housed historical Laboratory documents, recordings, and films. Even though it has been modified by the addition of a vault room and other security-related upgrades, this remodeling has been consistent with the original function of the building. The exterior of the building looks as it did originally with the exception of several pedestrian door placements. The interior of the building where the archives stacks are located looks as it did in the 1950s, with original government-issue, dark green file cabinets, metal shelving, and other furnishings.

TA-21-1002

Technical Area: 21

Building Number: 1002
Original Function: Permanent Warehouse (ULR-470/TA-0-470)
Current Function: Warehouse and Shop
Date Constructed: 1947

Associated Theme: Laboratory Administration
Property Type: Support Building
Integrity: Good

Eligibility: Yes, Criterion A



Oblique view of south side, view to northwest



View of west side



View to southeast of north side



View of east side

Architectural Description

The Warehouse Building (TA-21-1002) is virtually identical to the Archives Building (TA-21-1001), albeit a mirror image. TA-21-1002 is a single-story, rectangular-in-plan building that measures 300 feet long by 50 feet wide. The building, divided into six bays, is constructed with a poured concrete perimeter foundation, 4-inch concrete floor slab over compacted grade, and 8-inch concrete walls covered with ¾-inch stucco. The building has a low sloped shed roof, which is constructed with steel trusses spaced 4 feet apart and supported horizontally by cross bracing. The roof is further equipped with a large vent stack as well as smaller stacks and lightning rods. A safety ladder provides access to the roof.

Each of the six bays is separated by 8-inch concrete walls that extend through the roof plane providing fire stops between the bays. Class R, three-ply composite, sliding fire doors are set within the concrete firewalls. These 6-foot-wide doors are operated by a pulley and weight system. A raised concrete loading dock, on the south side, spans three-quarters of the length of the building with stairs at the west end. A concrete ramp is located on the east end. The dock is equipped with wood and rubber bumpers, and the stairs have pipe handrails.



View of original layout of Bay E and corresponding sliding fire door

As stated previously, the building is made up of six bays, which are actually two, three-bay warehouse units constructed side by side that are mirror images of each other. Each of the stand-alone, three-bay units measures 150 feet long with the interior dimensions of each bay being 50 feet wide, center of wall to center of wall. The front wall of the center bay is set back from the face of the building by 12 feet thereby creating a recessed dock area. The recessed dock measures 12 feet deep by 26 feet wide and is constructed with decorative corbels and concrete vigas. Flanking the opening is a small office, equipped with an exterior door and window, and a combination tool/storage and toilet room. The eastern recessed bay has been completely enclosed with concrete block flush with the rest of the building, and two large metal doors and one small fixed window have been set within the wall. The building contains a total of five overhead accordion-style doors. Additional doors within the building, limited to the south side only, consist of singles and pairs of metal doors.

Ten, 3-foot-high, fixed steel-frame clerestory windows are located above each recessed dock and serve to illuminate the center storage bay. Windows, on both the south and north sides, include steel-frame, four- and three-panel, hopper-style windows equipped

with exterior security bars. There are no windows or doors on the east or west elevations of the building.



Detail of steel-frame, hopper-style window

Unlike the Archives Building (TA-21-1001), this building does not contain an exterior vault. Oversized mechanical equipment has been installed on the west end of the building.

Remodeling History

Based on a review of available engineering drawings, few modifications appear to have been made to this building. A section of wooden mezzanine was replaced with a prefabricated metal mezzanine in 1990. In 1992, a small lean-to-type structure was added adjacent to the east wall of the building, apparently to house gas cylinders. The lean-to was originally located along approximately three-quarters of the length of the east wall. It was constructed out of ribbed metal siding with a sloping metal roof. This area also had a chain link fence around it at one time. Only a small portion of this lean-to structure still exists. At some time, one of the windows on the south elevation was walled up with CMU blocks, and the eastern recessed area was walled up to make the south building wall flush with the rest of the building. A single-pane window and a set of metal pedestrian double doors were installed in this new section of wall. Also, at some unknown time, a small wooden shed-type structure was added inside the western recessed area on the south elevation of the building.

Historical Background

This building has not been directly associated with any specific mission or scientific research at the Laboratory. Rather, this building functioned to support overall Laboratory operations, and its use is associated with a general Cold War administration theme. TA-21-1002, built during Los Alamos's transition from a WWII project to a Cold War AEC facility, was built for use as a general warehouse/maintenance/utility shop facility. Building TA-21-1002 has functioned as a warehouse-type building since its construction in 1947. In addition to its use as a warehouse, portions of the building were used for a welding school, a metal shop, an electric line shop, and other utility shops. The Zia Company, a former Laboratory maintenance contractor, originally occupied the building. In 1961, Zia Company records indicate that the building was leased as a commercial warehouse by Sears, Metzgers, Los Alamos Transfer, Creamland Dairies, and other private businesses (LANL 1992). In 1998, Johnson Controls Northern New Mexico, the Laboratory's maintenance contractor at the time the building was surveyed, was still using the building as a maintenance shop, welding school, and general warehouse. This was the building's last official function before closure. Even though the exterior has been slightly modified and minor modifications have occurred to the interior of the building, its function never really changed over its fifty-year-plus lifetime.

TA-43-39

Technical Area: 43

Building Number: 39

Original Function: Police Barracks
Current Function: LASO Building
Date Constructed: 1949

Associated Theme: Laboratory Security and Administration
Property Type: Security Building and Administration/Office Building
Integrity: Good
Eligibility: Yes, Criteria A and C


Oblique view of south side to northwest


View of north side to southwest


View of conference wing (originally the lounge)


View of west side of conference room

Architectural Description

The LASO Building was originally constructed as a police barracks facility. Remnants of its former use as a barracks are still evident in the building. The three-story building with partial basement and small penthouse is predominantly rectangular in plan and measures 292 feet in length by 40 feet 10 inches in width. A one-story building 'leg' with basement extends off the north side of the building and originally housed the lounge/dining and kitchen. This extension measures 97 feet long by 31 feet wide.

The building is constructed with a concrete pier and perimeter foundation and has a crawl space under the main barracks building. The lounge extension was also constructed with a concrete perimeter foundation with interior piers and has a 4-inch concrete floor slab on compacted earth. The basement walls of the extension and the north-south central core of the main building are constructed with exposed 12-inch-thick concrete walls. The

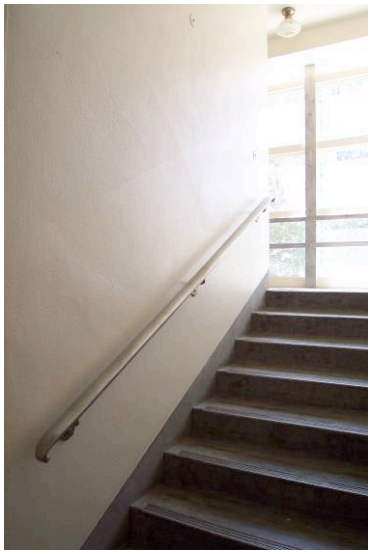
exterior walls of the building are constructed with 8-inch masonry block walls and finished with a layer of painted cement stucco. A 2-foot- by 4-inch-thick cantilevered sun canopy is located on the south side of the building just above each row of windows and spans the length of each wing. This narrow ledge provides shade to all the windows on the south elevation.



Exterior cantilevered sunshades and Chicago-style windows



Exterior detail of east-end stairwell



Detail view of west-end stairwell from first floor

The main building contains a flat concrete roof covered with 2 inches of rigid insulation and built-up roofing material. The entire roof is enclosed by a parapet measuring approximately 18 inches in height. The roof of the lounge/dining extension consists of tapered steel joists covered with 2 inches of insulation and roofing felt and is finished with ¾-inch promenade tile. The roof of the extension served as a sun deck for the personnel housed in the barracks. Access to the roof deck is possible from a hallway on the second floor leading to a steel stairway.

The floors of the main building and extensions are constructed with cast-in-place concrete beams (of varying sizes) and covered with a concrete floor slab. Under each bathroom (two per floor), the floor level is recessed 1½ inches to accommodate the ceramic tile and drainage requirements. Each bathroom originally contained three toilets, three urinals, three sinks, and three showers. Almost all of the showers and many of the urinals were removed once the building was converted to office use.

The building is equipped with four enclosed stairwells. Stairwell 1, located at the far west end of the building, accesses levels 1 through 3 and opens onto an exterior egress door. Stairwell 2 is located in the center of the building and accesses the basement level up to the penthouse. Stairwell 3 is located at the far east end of the building and accesses levels 1 through 3. Due to the change in surrounding grade, the associated exterior egress door is raised above grade and is equipped with exterior concrete steps terminating at the first floor level. The fourth stairwell is located at the far north end of the extension and accesses the basement level as well as the exterior. Stairwells 1 and 3 are basically self

contained and were designed with minor architectural elements. Beginning at the landing level on the south side of the building, each stairwell is equipped with a panel of fixed square windows (four wide by nine high). The east and west outer walls, respectively, of the two stairwells are located at both ends of the building's east-west interior corridor and are equipped with a panel of mostly fixed square windows (three wide by 11 high) that begin at floor level on the first floor. Three of the eleven window rows are operable and have awning-style window units.

The exterior of the building remains virtually unchanged from when it was originally constructed in 1948. The central core of the building contains two rows of full-height windows (eleven units wide). Each 8-foot-tall window is made up of a large fixed window and a smaller fixed or awning-style unit equipped with 7/32-inch crystal plate glass. The north side of the core also contains windows; however, these are a combination of square fixed-pane units and two operable awning-style units. Located on the north and south sides of the building, the windows used for each two-man barracks room (later converted to office space) consist of a modified 'Chicago-style' window with two operable casement units and one awning-style unit. The bathrooms, two per floor and one per wing, are equipped with two, two-lite casement-style windows. As stated previously, the windows in the stairwells are square in shape and the majority of them are fixed in place. The lounge/dining extension contains full-height, fixed windows on both the east and west sides. The window units also contain four additional egress doors.

Access into the building is somewhat limited. The main entrance has been modified in that it now contains three glass and anodized aluminum storefront doors with fixed sidelights. It is possible to enter the lounge/dining extension from the east and west as well through a pair of store-front glass doors. It is also possible to enter the lounge/dining extension from the far north side. The ground floor contains a painted metal, one-panel, four-lite door. Each of the two stairwells contains an exterior painted hollow-metal door with a single light. Above each door is a cantilevered metal canopy.



View of main entrance, south side

The interior of the building is a simple, double-loaded corridor with a central core on three floors. As originally designed, there were twenty-seven, two-man barracks rooms

on each floor: fourteen rooms on the west wing and thirteen rooms on the east wing. The first floor contains the main entrance with access to the central stairs, lounge/dining extension (now conference room), and the original two-man barracks rooms. Two small offices are located just inside the entrance to the right and left. The resident matron's quarters with a private bathroom and kitchen were located to the west of the entrance on the first floor. The rooms in the northern building extension on the first floor were originally designated as a lounge, two coat closets, a men's restroom, a women's restroom, a kitchen, and a dining alcove. The basement rooms were originally designated as a linen supply room, stairwell, housekeeper's office, and a telephone cable room. These rooms were later remodeled into a photo lab for the AEC security force.

Each of the wings contains two-man barracks rooms, two bathrooms (equipped with toilets and showers), a soiled linen closet and chute, a clean linen closet, and other small miscellaneous rooms. The two-man rooms were originally equipped with a built-in lavatory area with sink, medicine cabinet, and lights as well as two closets and a storage area. Almost all of the original built-in barracks furnishings have been removed. The second and third floors are virtually identical to the main floor except for the treatment of the central core. Instead of a main entrance with two offices, the central core was originally configured with private lounges. These two lounges have since been incorporated into private administration offices. The penthouse is only accessible from the interior stairwell (#2). A small landing that originally opened into a single space is located at the top of the stairs. The penthouse measures 45 feet long by14 feet 8 inches wide. The penthouse is constructed with poured concrete walls and a flat roof with parapets. The penthouse room contains three small windows and originally had a door. The roof of the penthouse now contains five antennae for 'sound control.'



View to east down hall, first floor



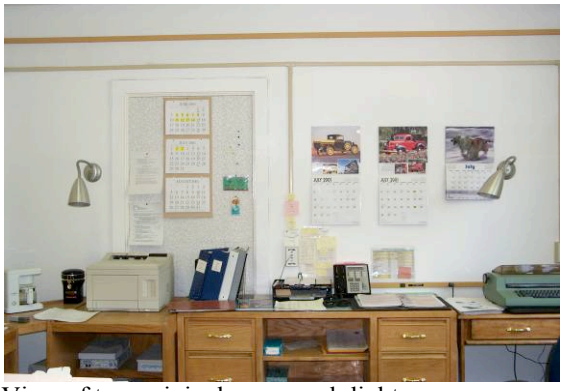


Views of laundry chute





Views of original built-in lavatory/storage areas in two-man barracks rooms



View of two original gooseneck light fixtures on wall in two-man barracks room



Detail of light fixture, first floor



Detail of stairwell handrail



View of original heater, first floor



Detail of original bathroom door sign

Remodeling History

Minor building alterations were made to the building as early as 1949. Steel security grills were installed over several of the windows, a single-pane window and an electric buzzer were added to an interior room door, and several walls were removed.

The building became the headquarters of the local office of the AEC some time before 1961. Successor agencies to the AEC also used the building as their local headquarters (i.e., ERDA, the DOE, and the DOE's NNSA).

In 1961, the basement was remodeled into a photo lab for the security office. This new space included a waiting and fingerprint room, a file room, an office, a finishing room, and a dark room. Also, at this time, some minor modifications were made in some of the first-floor rooms. In 1964, individual room faucets and plumbing were removed, counters were placed over the sinks, and door openings were made between some of the rooms.

The penthouse was modified into a conference room in 1976, and modifications were made to the legal library—walls were removed and portions of the floor were raised. In 1977, modifications were made to the sprinkler system, and, in 1978, modifications were made to the conference room in the northern extension of the building.

An evaporative cooler was installed in the conference rooms in 1980. In 1982, alterations were made to office spaces (walls and partitions and doors between rooms were removed). In 1983, the electrical distribution system was upgraded. In the same year, the windows on the second and third floors in the entrance area on the south elevation were replaced. New thermostats were installed in 1986 to make the building's heating and cooling system more energy efficient during hours when the building was unoccupied.

More modifications were made to the conference room in 1993—the ceiling was lowered and new lighting and a folding partition that divided the room in half were installed. The last major change to the building took place in 1995 when an elevator was installed next to the center interior stairwell.

Historical Background

The LASO Building (TA-43-39) is important for both its original function as the "Police Barracks" dormitory for the early Laboratory's security personnel and for its current function as the administration office building for the various federal agencies that have had responsibility for overseeing the operations of the Laboratory, starting with the AEC. Modifications to this building have been in keeping with its security and later administration functions. Even though the central windows in the entrance area have been replaced, the building exterior looks as it did at the time of construction.

TA-43-41

Technical Area: 43

Building Number: 41
Original Function: Steam Generating Plant
Current Function: Steam Generating Plant
Date Constructed: 1949

Associated Theme: Laboratory Administration
Property Type: Support Building
Integrity: Good
Eligibility: Yes, Criteria A and C


Oblique view of south and east sides


Oblique view of south side to east


Detail view of western section with stairs at left


Oblique view of west side


Partial view north side



Detail of equipment doors on east side

Architectural Description

The steam generating plant (TA-43-41) is a large rectangular building measuring 85 feet 8 inches by 47 feet 8 inches that is divided into two sections. The main section is three stories in height, measures 53 feet 6 inches wide by 47 feet 8 inches deep, and houses a boiler room. The interior of the boiler room is open and divided into two levels. The lower level is an open, three-story room that contains two boilers measuring 15 feet wide by 22 feet 8 inches long each. A smaller upper level contains a fan platform and catwalk. This level is 15 feet 8 inches deep from outside wall to back edge of platform. Direct access into the boiler room is possible at ground level.

The second and smaller section is located to the west of the boiler room and is two stories in height. The western section houses a toilet (10 feet by 11 feet), pump room (26 feet by 22 feet 6 inches), laboratory (24 feet by 10 feet 8 inches), and shop (10 feet by 20 feet 4 inches) on the ground floor. A roof deck, an office (10 feet by 20 feet 4 inches) now divided into two rooms, and deaerator platform (26 feet by 22 feet 6 inches) are located on the second floor. Access into the western section is possible through ground-floor doors as well as by concrete steps on the far western side to the second floor.

The foundation for the main boiler room consists of 8-inch concrete walls supported by 16-inch concrete perimeter footings with concrete piers set at 10 feet 6 inches on center. The floor is 5-inch concrete slab on grade. A 22-foot- by 8-inch-deep concrete trench spans the width of the boiler room from east to west. The second level of the main boiler building contains the upper boiler room. Two fan units rest on a platform constructed with steel framing, floor grating, and 6-inch by 6-inch steel columns. A 1½-inch-diameter pipe railing encloses the second floor on two sides. To the west of the upper boiler room is the deaerator platform.

The foundation of the western section consists of 8-inch- and 12-inch-wide concrete perimeter footings with a 4-inch concrete slab on grade for the toilet room and a 5-inch concrete slab on grade for the shop and the pump room. The walls of the building are constructed with 8-inch-thick poured concrete scored with V-groves that have been subsequently painted. The wall area below the windows on the south side consists of painted, corrugated, formed concrete.

The roof over the boiler room is constructed with a combination of 16W36 and 10W21 steel beams. The beams are then covered with a 3½-inch concrete roof slab. The building has a flat roof surrounded by a 3-foot 2-inch concrete parapet that is equipped with overflow scuppers set into the south elevation parapet wall. The roof also contains two steel ventilating stacks that are 3 feet in diameter and 10 feet tall.

The building is equipped with numerous fixed and operable windows to allow for natural light and ventilation. The south elevation contains the majority of windows. The boiler room is equipped with four, full-height window panels separated by concrete pilasters. Each window panel consists of nine pairs of steel-framed, awning-style units and two fixed window units at the top. The east side of the boiler room has seven pairs of fixed, steel-framed glass units above a pair of oversized metal and four-lite doors. The north

side of the boiler room contains five pairs of two-lite awning-style units set high in the wall to illuminate the upper boiler room. The smaller western section also contains singles and pairs of two-lite steel-framed, awning-style units as well. Security screens protect the windows on the second floor.



Detail of window panel on southeast corner of building

Access into the building is limited. The main entrance into the boiler room consists of a single-panel, four-lite, metal door set atop concrete steps and stoop. An equipment door is located on the east side and consists of a pair of oversized metal doors with four lites. Access into the western area is limited to a pair of metal doors with one panel each and two lites. These doors are also set atop a concrete stoop and open directly into the shop. Access to the office area on the second floor is possible via exterior concrete steps to a roof deck. The office is equipped, on the west side, with a pair of painted two-lite windows and a one-panel metal door.

It is possible to move between building areas and levels from within. The shop has access into the toilet room and the boiler room. Directly inside the boiler room main entrance door is a U-shaped steel stairway that accesses the catwalk to the office and the deaerator room as well as the fan platform catwalk.



Detail of main entrance door into boiler room

Remodeling History

Building TA-43-41 does not appear to have had any remodeling. However, the 1948 plans show notes that a new extension on the east side of the building was planned. From comparing the existing 1985 floor plan and the building itself, the planned extension was never constructed.

Historical Background

The abandoned steam plant (TA-43-41), which began operating in 1949, is important for its association with and support of the DOE LASO Building and other buildings within the townsite of Los Alamos. The building also supported Zia Company wastewater operations between 1976 and 1983. This steam plant, also known as the "Western Steam Plant," likely provided only auxiliary service to the Gold Street Apartments, Los Alamos High School, the downtown County buildings, Fuller Lodge, and the Community Center (now the Central Park Square shopping area) (Rush 2001). It also served as a backup steam plant to the Los Alamos Medical Center and the Laboratory's HRL building. The steam plant was taken out of service in the spring of 1990 (LANL 1992). Since that time, the building has been used for storage and was abandoned at the time of survey. Even though this building was abandoned, the boilers were not removed when the building was taken out of service.

TA-73-2

Technical Area: 73

Associated Theme: Laboratory Administration and Waste Management

Building Number: 2
Property Type: Support Building
Original Function: Incinerator
Integrity: Fair
Current Function: Abandoned
Eligibility: Yes, Criterion A
Date Constructed: 1948


View of south side


Partial view of west side


View of north side


Oblique view of east and north sides

Architectural Description

TA-73-2 is an oversized, one-story building with a walk-out lower level on the north side. The building measures 45 feet wide by 33 feet deep with an additional 8-foot covered dock area with full-height wing walls. The building is constructed with a poured concrete perimeter foundation with a 4-inch concrete slab on grade on the lower level. The board-formed, poured-concrete walls are 12 inches thick and have been left unfinished. The flat concrete roof is constructed with five concrete beams covered by a 3-inch concrete slab, ½ inch of insulation, built-up roofing material, and pea gravel. The finished grade height between the lower level stoking floor grade and the finished grade level on the south side is 12 feet 9 inches. Floor to floor height from the stoking floor to the charging floor is 13 feet 1 inch.

The interior of the building is divided into two floors—the charging floor and the stoking floor. The main floor, with access at grade from the south side, is called the charging

floor. This floor is constructed with 1-foot 1-inch concrete beams covered with a 4-inch poured concrete floor. The concrete beam floor is supported below by 13-inch by 12-inch poured concrete columns. Access into this level is possible through a single, painted, metal personnel door or through one full-height accordion overhead door. As originally constructed, two overhead doors opened onto two truck bays within the building. At some time in the past, the western roll-up door was replaced with the single, metal personnel door. Set within the two bays are six access holes penetrating the concrete floor, three holes per bay. The charging floor also contains a toilet room located in the northwest corner. The toilet room, measuring 6 feet wide, 14 feet long, and 8 feet high, is constructed with brick and concrete block walls capped by a 4-inch-thick concrete slab ceiling. A single wood door provides the only access into the toilet room. Concrete stairs accessing the lower level are located directly to the south of the toilet room and adjacent to the main entry door. The stairs include a 4-foot concrete landing at the top followed by a 17-foot 6-inch-long run to the lower level and are enclosed on the east side with a brick wall. The upper level of the stairway is open to the charging floor; however, it is partially enclosed on the east side with a pipe railing for safety reasons.



View to northwest of charging floor showing toilet room in background and infilled windows. The stairs to the lower level are to the left.



View to southeast of charging floor showing overhead door and infilled windows

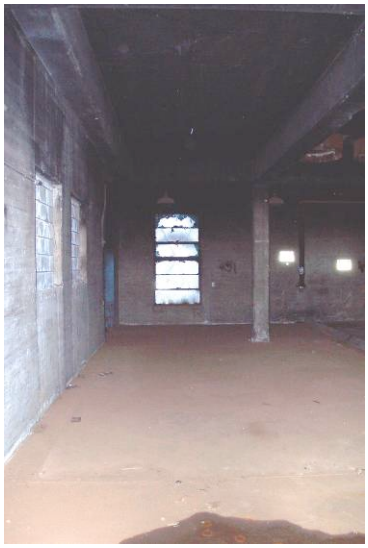
Each floor is equipped with windows for both illumination and ventilation. The charging floor was originally equipped with six, three-lite steel-framed, awning-style windows on both the east and west elevations. The east bank of windows has been infilled with concrete block while the west bank of windows has been covered over with aluminum panels on the exterior. The north elevation, at the charging floor level, originally contained a 9-foot-high window opening equipped with steel-framed, awning-style units as well. This opening has since been infilled with concrete block. The lower level stocking floor is equipped with two steel-framed, awning-style windows, one located on the north side of the floor and one on the east side. Both window units have since been covered with aluminum plates.



View to southwest of stoking floor towards stairway wall. Note charging holes in ceiling.



Stairs to stoking floor



View of window to east on stoking floor



View of door on stoking level

The stoking floor is basically a single, large, open room with structural concrete columns. Two small rooms are tucked under the staircase on the west side. Penetrating the concrete ceiling are six holes from the charging floor above. Garbage is brought to the building, dumped through the holes, and then pushed out the lower level to the incinerator stack. Access into this floor is from the north side through two pairs of paneled wood doors.

A very large flue and incinerator stack (actual size unknown) was once located directly to the north of the building. The centerline of the stack was 9 feet 4 inches from the north wall. The foundation for the stack was approximately 20 feet by 17 feet with the base of the stack itself approximately 14 feet in diameter. The stack has long since been removed. Located away from the building and overhanging the canyon wall on the north side are two cantilevered piers. The 18-foot-long concrete piers are enclosed with pipe railing.



Partial view of cantilevered concrete pier over canyon

Remodeling History

At some unknown time, the building's western roll-up garage door was removed, the opening was walled up with CMUs, and a metal pedestrian door was installed in the former garage door opening. Additionally, the incinerator and stack have been removed and building windows have been covered with metal plates. According to a Los Alamos resident, by 1965 the incinerator had been removed, but the exhaust stack was still there. The stack was removed later.

Historical Background

The old incinerator building (TA-73-2) is important for its Laboratory administrative function as an incinerator for classified documents. These documents came from the Laboratory and from the AEC (the federal agency responsible for overseeing the implementation of LANL's mission at the time). Later, this incinerator was used to burn all types of Laboratory trash and Los Alamos County trash. Non-combustible materials were dumped over the edge of the mesa into Pueblo Canyon to the north. Before abandonment, the building was being used as a storage building by Los Alamos County and the Los Alamos Airport (LANL 1992).

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Appendix A – Historic Building Inventory Form with Photographs and Building Drawings

LANL TA- Building # 21-1001

Camera: Digital photos by LANL ENV-EAQ and IT Corporation

Frame #s: Photos on file at LANL, ENV-EAQ, Cultural Resources Team

Surveyor(s): s. McCarthy, K.Towery/J.Ronquillo/K. Garcia

Date: 9/2005, 3/13/2006

Los Alamos National Laboratory CRT
Historic Building Survey Form

Building Name: LANL Archives and Records Center (ULR-130/TA-0-130) UTMs easting: 383404 northing: 3971079 zone: 13

Legal Description: Map: USGS Guaje Mountain Quad tnsp: 19N range: 6E sec: 15

Current Use/ Function: Building houses Laboratory Archives and Records Center Original Use/ Function: General Storage/Records Vault

Date (estimated): 1947 Date (actual): 1947 Property Type: Support/Administration

Type of Construction

Pre-Fabricated Metal ☐ Steel Frame ☐ Wood Frame ☐ CMU ☐ Reinforced Concrete ☑

Other Type of Construction: 8" thick concrete walls with 3/4" stucco # of Stories: 1

Foundation: Reinforced Concrete

Exterior CMU-Exterior ☐ Reinforced Concrete-Exterior ☑ Steel (galvanized) ☐ Steel (corrugated) ☐

Wood Siding ☐ Asbestos Shingles-Exterior ☐ In-Fill Panels ☐ Other-Exterior

Exterior Treatment (painted, stuccoed, etc): Painted concrete walls; some concrete block infill where once a large overhead door was installed. Above the recessed dock are steel-framed clerestory windows illuminating center storage bay.Exterior decorative elements include concrete corbels and vigas.

Exterior Features (docks, speakers, lights, signs, etc): Recessed dock on north elevation opening up to a long raised concrete loading dock/bay spanning 3/4 of the length of the building equipped with stairs on each end.

Addition CMU-Addition ☐ Reinforced Concrete-Addition ☑ Steel (galvanized)- Addition ☐ Wood ☐

Steel (corrugated)-Addition ☐ Asbestos Shingles-Addition ☐ Other- Addition

Exterior Treatment-Addition: A concrete vault was constructed on the south side of Bay A in 1950.

Exterior Features-Addition: Sloped concrete roof.

Roof Form Slanted/Shed ☐ Gable ☐ Other Roof Type: Low sloped shed roof

Degree of Pitch/ Slope: Slight

Roof Materials Corrugated Metal ☐ Rolled Asphalt ☐ Asbestos Shingles ☐ 4-Ply Built Up ☑

Other Roof Materials: Steel Trusses

Window Type Casement ☐ Single Hung Sash ☐ Double Hung Sash ☐ Fixed Window ☐

Other Window Type: Steel-frame, 4-panel and 3-panel, hopper-

type and small single panel fixed windows all equipped with security bars. Also there are fixed steel-framed clerestory windows.

# of Each Window Type/ Comments: Six 4-panel, four 3-panel, two small fixed-panel, two cmu infilled 4-panel, and 20 clerestory windows(one of which is infilled) on the north elevation (front). Nine 4-panel and seven infilled on the south elevation (rear).

Glass Type: Clear ☑ Wire Glass ☐ Opaque ☐ Painted Glass ☐ Glass Block ☐

Light Pattern:

Door Type

Personnel Door Types — Exterior: Fire Door ☑ Single ☑ Double ☑ Roll-up ☑ Sliding ☐ Hollow Metal ☑ Solid Wood ☐ 1/2 Glazed ☐ Paneled ☐ Louvered ☐ Painted ☑

Personnel Door Types — Interior: Fire Door ☑ Single ☑ Double ☐ Roll-up ☐ Sliding ☑ Hollow Metal ☑ Solid Wood ☐ 1/2 Glazed ☑ Paneled ☐ Louvered ☐ Painted ☐

Equipment Door Types — Exterior: Fire Door ☐ Single ☐ Double ☐ Roll-up ☑ Sliding ☐ Hollow Metal ☑ Solid Wood ☐ 1/2 Glazed ☐ Paneled ☐ Louvered ☐ Painted ☐

Equipment Door Types — Interior: Fire Door ☑ Single ☑ Double ☐ Roll-up ☐ Sliding ☑ Hollow Metal ☑ Solid Metal ☐ 1/2 Glazed ☐ Paneled ☐ Louvered ☐ Painted ☐

# of Each Door Type/Comments: There are 6-ft. wide, Class R, 3-ply composite sliding fire doors operated by a pulley and weight system. There are hand operated steel doors located at the north elevation.

Interior Wall: Gypsum Board ☐ Reinforced Concrete- Interior ☑ CMU- Interior ☐ Plywood ☐ Other- Interior: In-Wall Electrical Wiring ☑ On-Wall Electrical Wiring ☑

Ceiling: Drop Ceiling ☐

Interior Comments (Equipment, etc): The interior of portions of the building is filled with floor to near-ceiling file cabinet units used for records storage.

Degree of Remodeling: Minor

Condition: Excellent ☐ Good ☑ Fair ☐ Deteriorating ☐ Contaminated ☐ Burned ☐

Associated Building ☑

If yes, list building names and #s: Bldg. TA-21-1001 is virtually identical to the Warehouse Bldg., (TA-21-1002) which is located directly to the south of the Archives Bldg.

Integrity: Excellent

Significance: Eligible

Eligible Under Criterion: A ☑ B ☐ C ☑ D ☐ Not Eligible ☐

DOE Themes

Nuclear Weapon Components and Assembly ☐ Nuclear Weapon Design and Testing ☐ Nuclear Propulsion ☐

Peaceful Uses: Plowshare, Nuclear Medicine, Nuclear Energy, Nuclear Science ☐

Energy and Environment: Research and Design Projects ☐

LANL Themes

Weapons Research and Design, Testing, and Stockpile Support ☐ Super Computing ☐

Reactor Technology ☐ Biomedical/Health Physics ☐ Strategic and Supporting Research ☐

Environment/Waste Management ☐ Administration and Social History ☑ Architectural History ☑

Recommendations/ Additional Comments

Architectural Features (elevations) TA-21-1001 is a single- story, rectangular-in-plan building measuring approximately 300-ft. long by 50-ft. wide. The exterior is comprised of reinforced painted concrete with a series of symetrically placed windows on the south elevation. A raised concrete dock runs along most of the north elevation adjacent to a recessed covered dock. The west and east elevations are windowless painted concrete with some exposed conduit and some mechanical equipment mounted to the east elevation.

Total sq ft 15,423 Gross **Architect/ Builder** U.S. Engineer Office, Santa Fe, New Mexico, Office of Post Engineer

Alterations Minor

List of Drawings (Cntrl + Enter for para break)

ENG-C 24134
Sheet 2
TA-0, Bldg. ULR-130 (TA-21-1001 & TA-21-1002)
Permanent Warehouses
Floor Plan and Sections
April 8, 1946
Revised to status of June 25, 1946

ENG-C 24135
Sheet 3
TA-0, Bldg. ULR-130 (TA-21-1001 & TA-21-1002)
Permanent Warehouses
Elevations and Details
April 8, 1946
Revised to status of August 9, 1946

ENG-C 24136
Sheet 4
TA-0, Bldg. ULR-130 (TA-21-1001 & TA-21-1002)
Permanent Warehouses
Foundations - Bldg #2
April 8, 1946
Revised to status of December 14, 1959

ENG-C 24137
Sheet 5
TA-0, Bldg. ULR-130 (TA-21-1001 & TA-21-1002)
Permanent Warehouses
Foundations – Bldg #1
April 8, 1946
Revised to status of April 30, 1946

ENG-C 24138
Sheet 6
TA-0, Bldg. ULR-130 (TA-21-1001 & TA-21-1002)
Permanent Warehouses
Roof Framing Plan and Details
April 8, 1946
Revised to status of June 25, 1946

ENG-C 24140
Sheet 8
TA-0, Bldg. ULR-130 (TA-21-1001 & TA-21-1002)
Permanent Warehouses
Heating & Plumbing
April 8, 1946
Revised to status of December 9, 1946

ENG-C 24141
Sheet 9
TA-0, Bldg. ULR-130 (TA-21-1001 & TA-21-1002)
Permanent Warehouses
Electrical wiring Plan and Details
April 8, 1946
Revised to status of September 25, 1956

ENG-C 24132
Sheet 1A
TA-0, Bldg. ULR-130 (TA-21-1001 & 21-1002)
Permanent Warehouses
Plot Plan and Utilities
October 21, 1946
Revised to status of June 4, 1947

ENG-C 36300
Sheet 1 of 4
(TA-21-1001 & 21-1002)
Records Service Center Vault
Plot & Utility Plan
September 8, 1950

ENG-C 36301
Sheet 2 of 4
(TA-21-1001 & 21-1002)
Records Service Center Vault
Plans – Sections & Vault Door
September 8, 1950
Revised to status of December 21, 1950

ENG-C 36309
Sheet 1
TA-0, Bldg. ULR-130 (TA-21-1001 & 21-1002)
Alterations to Permanent Warehouse for A. E. C.
supply Division
189 Seventh Street
December 4, 1951

ENG-C 24133
Sheet 1
TA-0, Bldg. ULR-130 (TA-21-1001)
Warehouse
180 7th Street
July 25, 1959

ENG-R 3303
Sheet 1 of 1
TA-0, Bldg. ULR-130 (TA-21-1001 & TA-21-1002)
Records Vault
First Floor Plan
May 16, 1969
Revised to status of March 12, 1984

ENG-C 51629
Sheet 2 of 2
(TA-21-1001 & TA-21-1002)
LA Records Center & Archives
Fire Protection Maps
January 7, 1985
Revised to status of January 24, 1989

TA-21-1001
Sheet A-1
Archives
Cold War Era Buildings
Historic Context
July 2006



TA-21-1001 Northwest Elevation



TA-21-1001 Northwest Elevation (Northeast to Southwest - 1)



TA-21-1001 Northwest Elevation (Northeast to Southwest - 2)



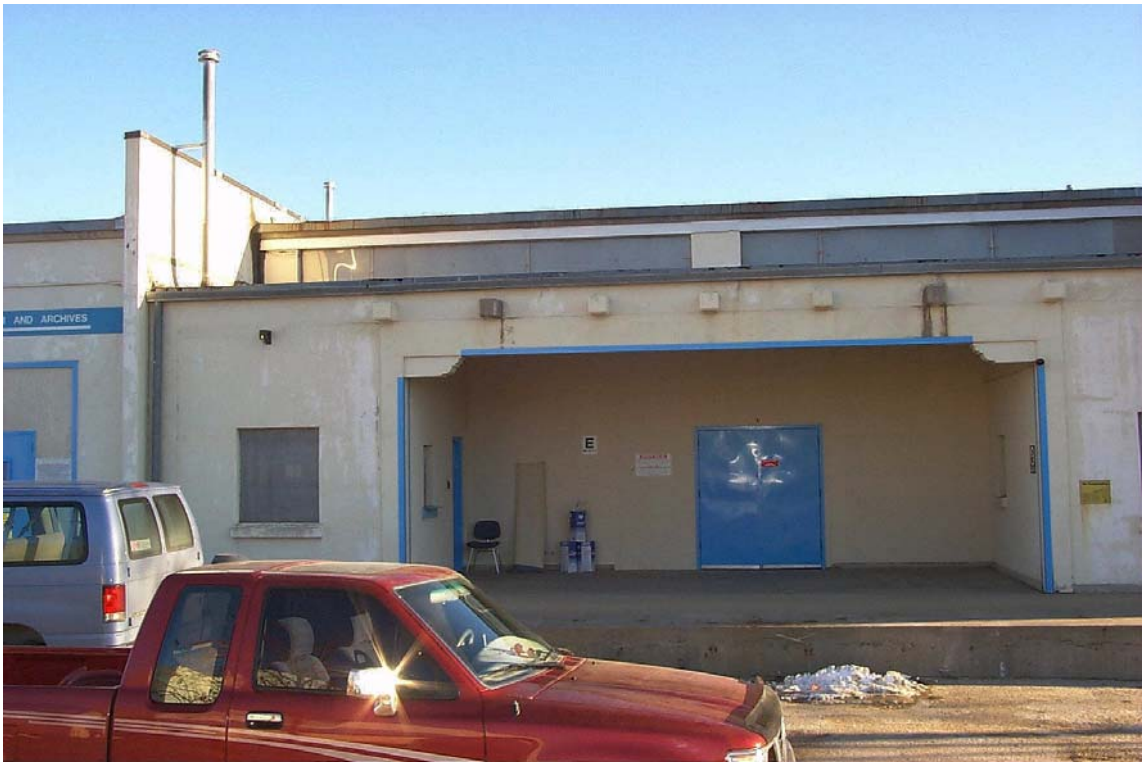
TA-21-1001 Northwest Elevation (Northeast to Southwest - 3)



TA-21-1001 Northwest Elevation (Northeast to Southwest - 4)



TA-21-1001 Northwest Elevation (Northeast to Southwest -5)



TA-21-1001 Northwest Elevation (Northeast to Southwest - 6)



TA-21-1001 Northwest Elevation (Northeast to Southwest - 7)



TA-21-1001 Northeast Elevation



TA-21-1001 Southeast Elevation



TA-21-1001 Southeast Elevation (Northeast to Southwest - 1)



TA-21-1001 Southeast Elevation (Northeast to Southwest - 2)



TA-21-1001 Southeast Elevation (Northeast to Southwest - 3)



TA-21-1001 Southeast Elevation (Northeast to Southwest - 4)



TA-21-1001 Southeast Elevation (Northeast to Southwest - 5)



TA-21-1001 Southeast Elevation (Northeast to Southwest - 6)



TA-21-1001 Southeast Elevation (Northeast to Southwest - 7)



TA-21-1001 Southeast Elevation (Northeast to Southwest - 8)

FLOOR PLAN - W.P. NO. 3

SCALE 1/8" = 1'-0"

SECTION C-C

SCALE 1/2" = 1'-0"

SECTION A-A

SCALE 1/2" = 1'-0"

SECTION B-B

HEAD & JAMB SEC AT DOOR OPENING

SCALE 3" = 1'-0"

FLASHING DETAIL

SCALE 3" = 1'-0"

PLAN OF PIPE GUARD

SECTION D-D

SCALE 1/2" = 1'-0"

DATE	NO.	REVISIONS	BY	APPROVED
6/26/46	⑤	WIDEN CONC. COLUMN AND WALL	M.F.	
6/27/46	⑥	VERT. DIM. REVISED FOR 8"x8" BLOCK & 12" JOINTS	H.D.	
7/31/46	⑦	BRICK & REVEAL INSTALLED WITH HOLLOW CONC. BLOCK ROOF CONSTRUCTION CHANGED	H.D.	

U. S. ENGINEER OFFICE

SANTA FE, NEW MEXICO

PERMANENT WAREHOUSES

FLOOR PLAN & SECTIONS

BLDG. OUTER 150' - 0" x 72' - 0"

W.P. 1/2 SHEETS | SCALE AS SHOWN | SHEET NO.

OFFICE OF POST ENGINEER

APPROV. RECOMMENDED

FILE NO. SFE 601

A.S.F. DWG. NO. SFE 1-201-36

FRONT ELEVATION
(WAREHOUSE No 3)
SCALE 1/8" = 1'-0"

REAR ELEVATION
(WAREHOUSE No 3)
SCALE 1/8" = 1'-0"

END ELEVATION
(WAREHOUSE No 3)
SCALE 1/8" = 1'-0"

SECTION

TYPE 'D-5'

TYPE 'D-1' | TYPE 'D-2' | TYPE 'D-3' | TYPE 'D-4'

ELEVATION | SECT. A-A

CORBEL & VEGA DETAILS
SCALE 1" = 1'-0"

TYPE 'W-1' | TYPE 'W-2' | TYPE 'W-3' | TYPE 'W-4' | TYPE 'W-5'

DOOR & WINDOW SCHEDULE
SCALE 1/4" = 1'-0"

TYP. WALL DETAIL
(FLAKE STANDARD)
SCALE 1 1/2" = 1'-0"

COPING DETAIL
SCALE 1" = 1'-0"

SLIDING DOOR
TOOL ROOM
SCALE 1/4" = 1'-0"

SECT. THRU COUNTER
SCALE 1/2" = 1'-0"

TYP. DOOR DETAILS
SCALE 3/4" = 1'-0"

HEAD & JAMB DETAIL SIMILAR TO TYP. WAREHOUSE SASH

BOTTOM HINGED SASH DET.
SCALE 3" = 1'-0"

HEAD

JAMB

SILL

FILLE REMOVAL DOOR DETAIL TYPE D-5

& ROUGH OPENING FLUE REM. DOOR
SCALE 3/4" = 1'-0"

HEAD & JAMB DETAIL SIMILAR TO TYP. WAREHOUSE SASH

SIDE HINGED SASH AT COUNTER DR.
SCALE 3" = 1'-0"

SCALE 3" = 1'-0" SILL

TYP. DETAIL FOR WAREHOUSE SASH

HEAD

JAMB

SILL

PART PLAN CLERESTORY SCALE 3" = 1'-0"
(FIXED SASH)

DATE	NO.	REVISIONS	BY	APPROV.
3-9-44	2	ADDED FLUE REMOVAL DOOR DETAILS	FHM	
7-20-44	4	CHANGE IN SASH ASSEMBLY TO 5" CONC. CURB & CHANGE IN FINISHING HEIGHTS	FHM	9/19/44

U. S. ENGINEER OFFICE
SANTA FE, NEW MEXICO

PERMANENT WAREHOUSES
ELEVATIONS & DETAILS
BUILDING 130 TA-0

OFFICE OF DIST ENGINEER	SCALE AS SHOWN	SHEET NO. 3
SUBMITTED	RECOMMENDED	APPROVED
FILE NO. PE 4-3		

L.A.S.E. DWG. NO. ENG C 24135

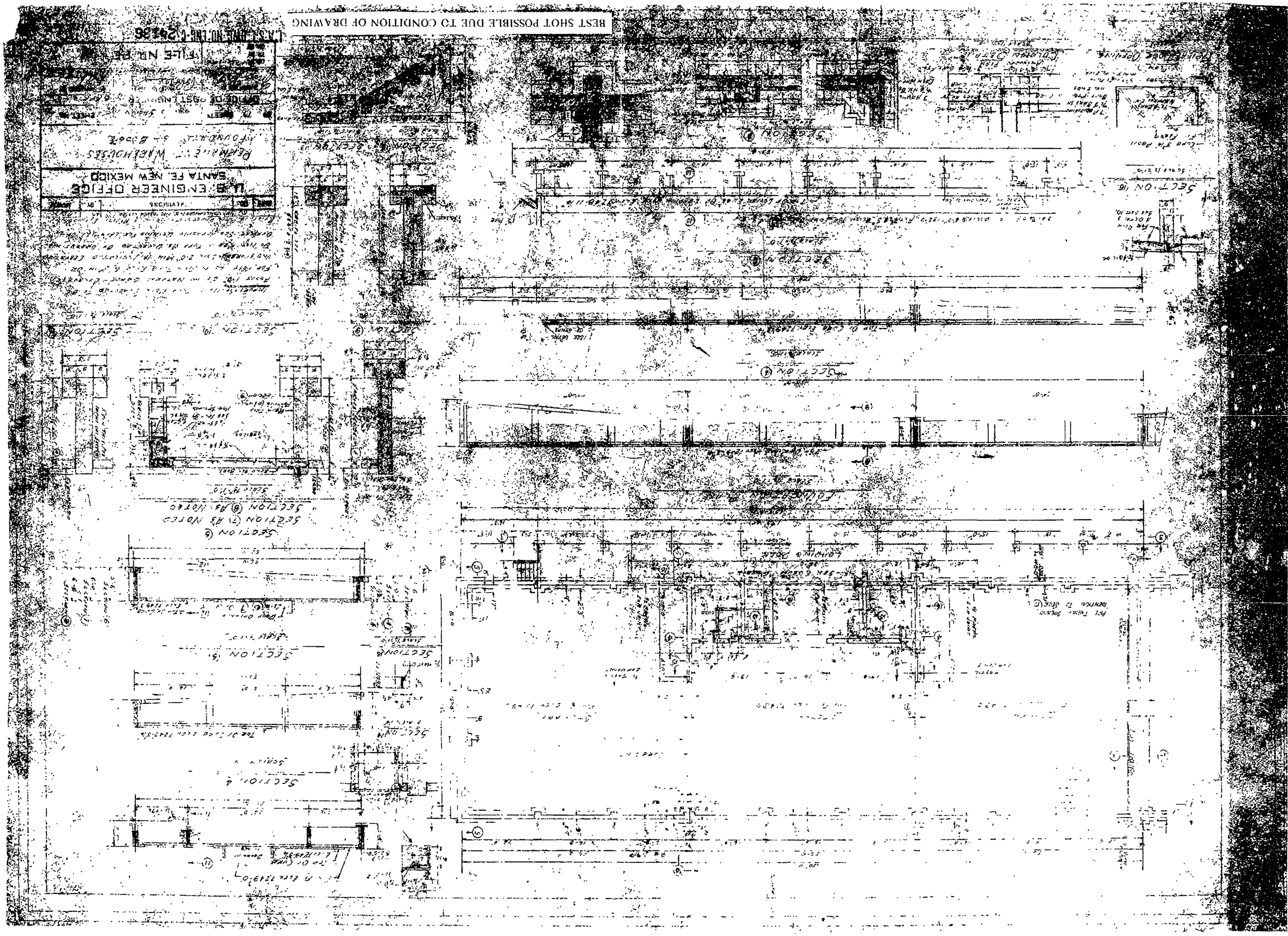
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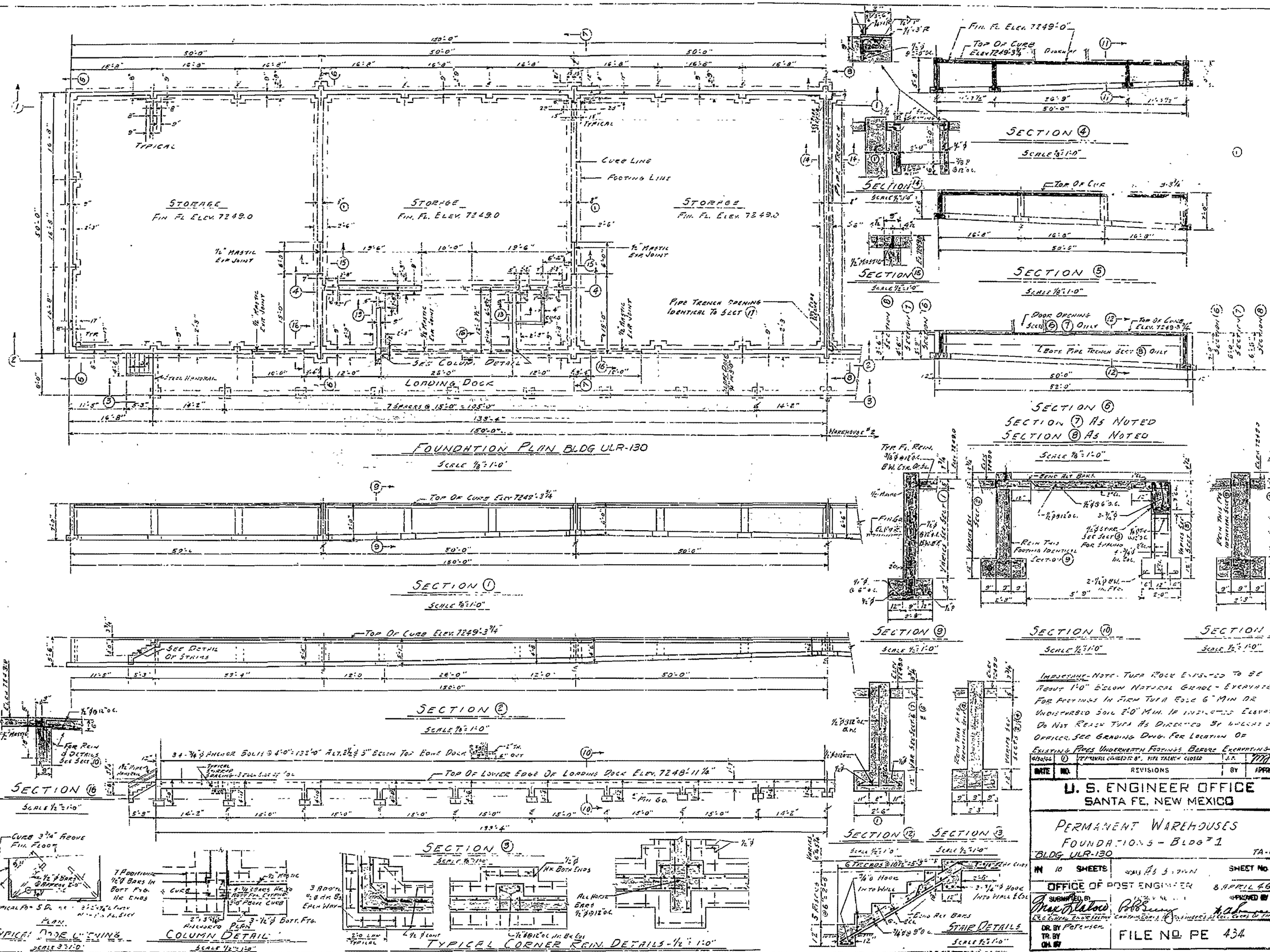
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U.S. ENGINEER OFFICE
SANTA FE, NEW MEXICO

FILE NO. PR-[illegible]

U.S. DAM NO. ENG-[illegible]





IMPORTANT - NOTE - TUFF ROCK EXPOSED TO BE ABOUT 1'-0" BELOW NATURAL GRADE - EXCAVATE FOR FOOTINGS IN FIRM TUFF ROCK 6" MIN OR UNDISTURBED SOIL 2'-0" MIN. IF INDICATED ELEVATIONS DO NOT REACH TUFF AS DIRECTED BY LOCAL OWS OFFICER. SEE GRADING DWG. FOR LOCATION OF EXISTING PIPES UNDERNEATH FOOTINGS BEFORE EXCAVATING.

DATE	NO.	REVISIONS	BY	APPROV.
6/30/46	1	TEMPORARY CONCRETE BP. PIPE TRENCH CLOSED	J.F.	

U. S. ENGINEER OFFICE
SANTA FE, NEW MEXICO

PERMANENT WAREHOUSES
FOUNDATIONS - BLDG^T 1
BLDG. ULR-130 TA-0

IN 10 SHEETS — SHEET No. 5

OFFICE OF POST ENGINEER — 8 APRIL 46

SUBMITTED BY: Max Blalock — APPROVED BY: H.A.H.

DR. BY PEPERSON
TR. BY
CH. BY

FILE NO. PE 434

LAB JOB 3835 LASL, DWG. NO. ENG-C 24137

SECTION 4-4
SECTION 5-5
SECTION 6-6

SECTION 7-7

SECTION 88

ROOF FRAMING PLAN

PLAN OF STRUCTURAL ROOF SLAB

ROOF OPENINGS ②

COLG. COLM. PLAN ②

NOTE:
JOISTS SHOWN ARE BETHLEHEM LOADMASTER STEEL JOISTS. APPROVED ALTERNATES MAY BE USED.

DATE	NO.	REVISIONS	BY	APPROV.
9/25/40	②	DETAIL COMB. COLM. & COLM. BEAM.	MF	770
8/30/40	①	JOIST SPACING REVISED, CORRECTED ROOFING DETAILED	MA	770

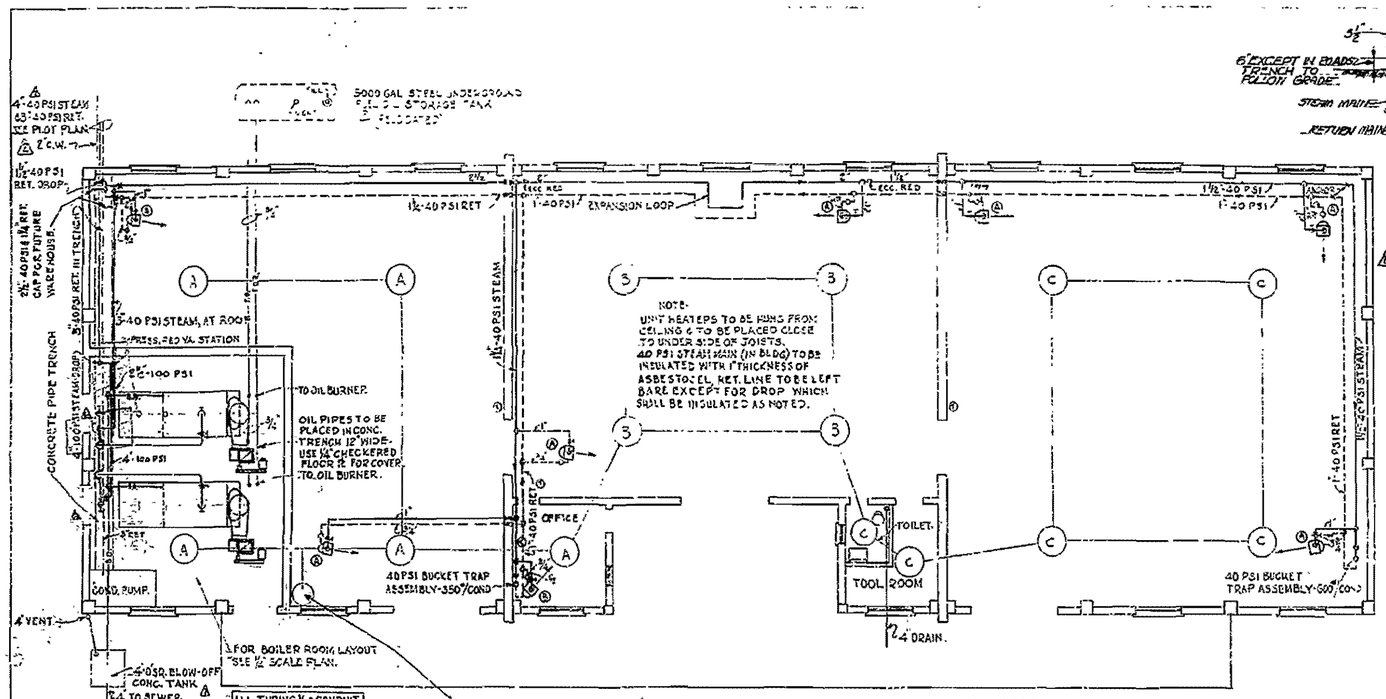
U. S. ENGINEER OFFICE
SANTA FE, NEW MEXICO

POST MARKET - WAREHOUSES
ROOF FRAMING PLAN AND DETAILS
FIDELITER 130 - 14.0

BY	SHEETS	SCALE AS SHOWN	SHEET NO.
		OFFICE OF POST ENGINEER	8 DRAWING

DRAWN BY [illegible] APPROVED BY [illegible]
TRACED BY [illegible] APPROVED BY [illegible]
CHECKED BY [illegible] FILE NO. FE 4

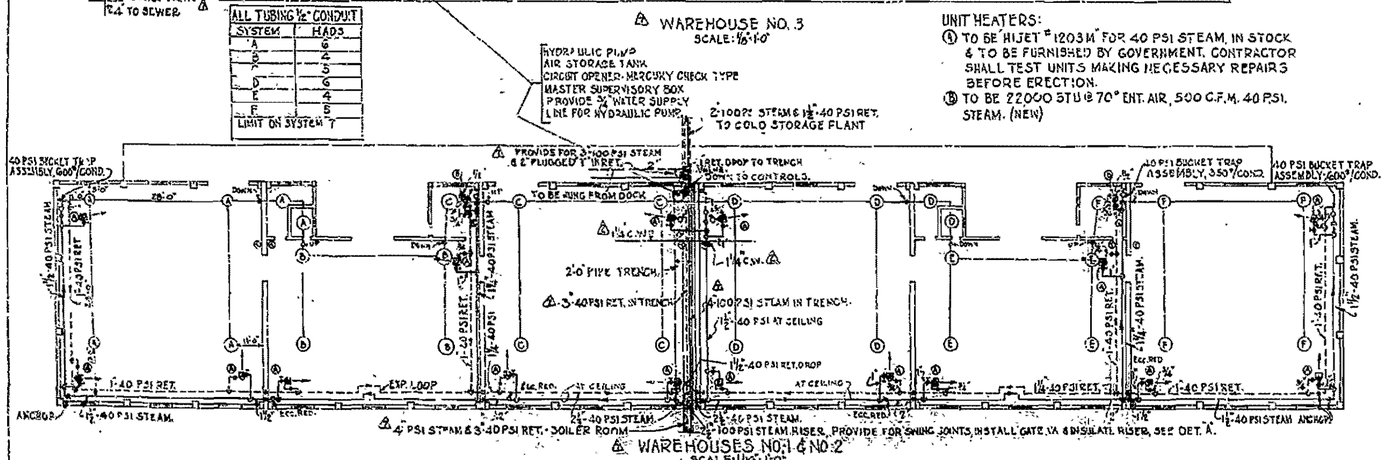
BEST SHOT POSSIBLE DUE TO CONDITION OF DRAWING



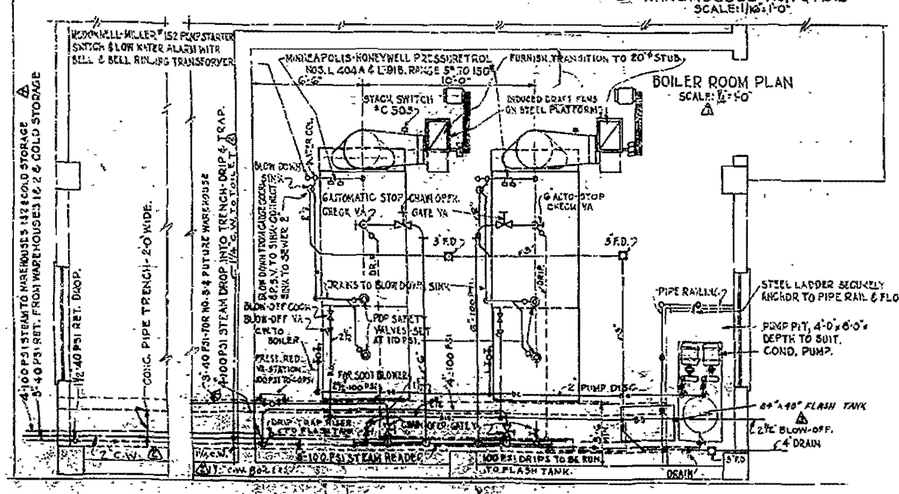
ALL TUBING ½" CONDUIT	
SYSTEM	HADS
A	6
B	4
C	5
D	6
E	4
F	5
LIMIT ON SYSTEM 7	

⚠ WAREHOUSE NO. 3
SCALE: ⅛"-1'0"

UNIT HEATERS:
① TO BE HILET "1203M" FOR 40 PSI STEAM, IN STOCK & TO BE FURNISHED BY GOVERNMENT. CONTRACTOR SHALL TEST UNITS MAKING NECESSARY REPAIRS BEFORE ERECTION.
Ⓑ TO BE 22000 BTU @ 70° ENT. AIR, 500 C.F.M. 40 PSI. STEAM. (NEW)



⚠ WAREHOUSES NO. 1 & NO. 2
SCALE: 1"-1'0"



NOTES:
THE BOILER SHALL BE A "533 KEWANEE, COMPLETE WITH H COLUMN STEEL SUSPENSION, POP SAFETY VALVES (SET AT 100 PSI) MANHOLES, STEAM GAUGE, WITH SYPHONS & COCKS, WATER COLUMN WITH GAUGE GLASS & COCKS, BUT LESS STEEL BASE, GRATES FIRING TOOLS. BOILER TO HAVE A NORMAL WORKING PRESSURE OF 100 PSI & TO HAVE A NOMINAL OIL FIRED RATING OF 108 HP. (BOILER FURNISHED BY GOVERNMENT)

RAY OIL BURNER-TYPE AR-JP, SIZE "5, FULLY AUTOMATIC OPERATION WITH INTERMITTENT ELECTRIC IGNITION. BURNER SHALL HAVE CAPACITIES AS FOLLOWS: JP-1.3 GPH, AR-10-33 GPH, OIL "3, 140,000 BTU/GAL. BURNER SHALL BE COMPLETE WITH PRIMARY CONTROL RELAY, AUXILIARY RELAY, THERMAL OVERLOAD PROTECTION, OIL STRAINER, CHECK VALVE, FURNACE MOUNTING PLATE, BALANCED DRAFT DOOR & FRAME, ELECTRIC TYPE COMPOUND FIRING, VISA FLAME COMBUSTION SAFETY CONTROL, ANTI-SYPHON VALVE & FOOT VALVE, M 904 A KOOLTROL. PROPER SAFETY CONTROLS SHALL BE INSTALLED WITH BURNER TO SHUT OFF INDUCED DRAFT FAN IN CASE OF FAILURE OF IGNITION OR OF FAN FAILURE TO OPERATE TO SHUT DOWN BURNER.

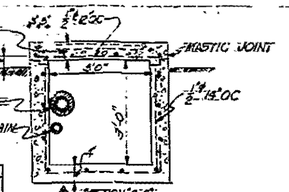
SOOT BLOWER-PROVIDE DIAMOND OR EQUAL, STEAM TYPE SOOT BLOWER FOR ATTACHMENT TO REAR FLUE DOOR OF BOILER & COMPLETE WITH FLEXIBLE ACCESSORIES TO PERMIT OPENING OF REAR BOILER DOORS WITHOUT REMOVAL OF BLOWER.

BLOW-OFF COCK- NORDSTROM, FIG. 114, SIZE 2½", OR EQUAL.
BLOW-OFF VALVE- CRANE FIG. 390, SIZE 2½" OR EQUAL.

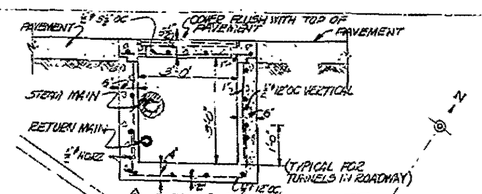
INDUCED DRAFT FAN SHALL BE A "AUTOVENT" TYPE H8-UNIT "3, OR EQUAL, 1560 C.F.M. 1" S.P. 1790 R.P.M. 2H.P. 220 V. 60 CY. 3 Φ MOTOR. UNIT SHALL BE SUITABLE FOR THE ABOVE BOILER WHEN OPERATING AT 150% RATING AT 7300 FT. ALTITUDE WHEN FIRED WITH OIL. UNIT TO BE SUPPORTED ON STEEL PLATFORM TO BE REACHED FROM FLOOR OF BOILER RM. BY A SUITABLE STEEL LADDER. MOTOR TO BE COMPLETE WITH MAGNETIC STARTER WITH OVERLOAD & UNDER VOLTAGE PROTECTION & P.B. STATION.

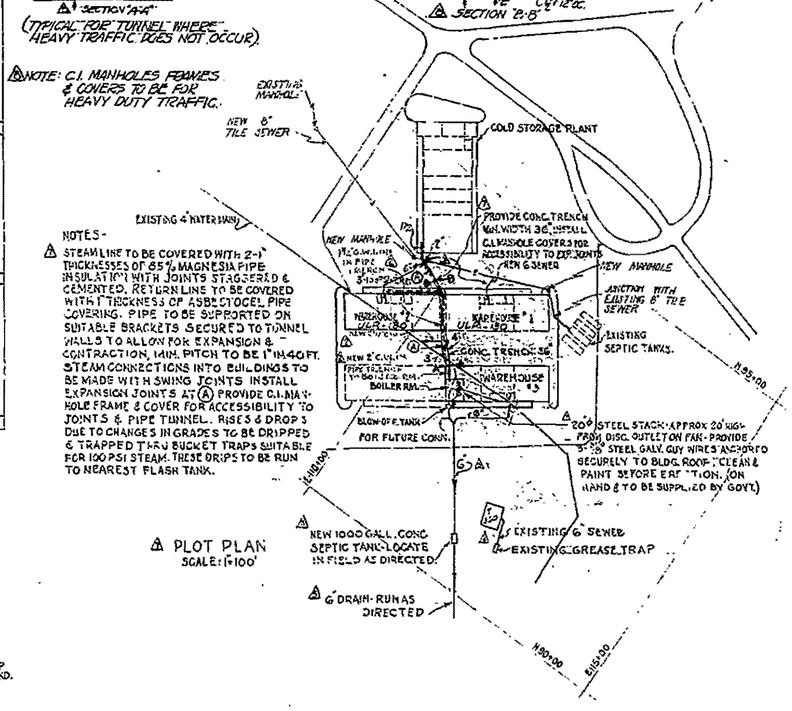
CONDENSATE PUMP SHALL BE A WHITTINGTON DUPLEX CONDENSATE UNIT NO. 52 18-5 "5902021, SIZE 40, 3600 R.P.M. 100# DISC. PRESS 3 H.P., 220 V, 60 CY, 3Φ MOTORS.

⚠ PROVIDE INJECTORS FOR EACH BOILER FOR AUXILLARY BOILER FEED.
⚠ EACH BOILER TO BE EQUIPPED WITH A COPES OR EQUAL BOILER FEED WATER CONTROL. BOILERS TO BE OPERATED TOGETHER OR SINGLE AS THE CONDITIONS WARRANT. RUN A C.W. LINE TO COND. PUMP & INSTALL AMPONNELL MILLER "147-2 COMB. FEEDER & L.W. CUT-OFF FOR MAKE UP WATER.
ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS & DRAWINGS. BRICK BOILER BASES & FIREBOXES FOR BOILER SHALL CONFORM TO DRAWINGS FURNISHED BY RAY OIL BURNER CO. ALL SIZES & ACCESSORIES SHOWN ON ANY PIECE OF EQUIPMENT SHALL APPLY UNLESS OTHERWISE NOTED.
STEAM HEADER SHALL BE SUPPORTED FROM ROOF. ALL PIPING TO BE SECURELY RUNG & ANCHORED TO STRUCTURE SO AS TO AVOID DAMAGE TO BUILDING. PROVIDE FOR TEMPERATURE & THRUST EXPANSION IN ALL PIPING CONNECTIONS. ALL PIPING IS DIAGRAMMATIC & SUBJECT TO RELOCATION IN THE FIELD. INSULATE BOILER, COVER STEAM, RETURNS, DRIPS, SUCTION & DISCHARGE PIPING.
⚠ FITTINGS, VALVES & PIPE FOR BOILER BLOW-OFF SHALL BE EXTRA HEAVY FOR 250 PSI.
⚠ REDUCTIONS IN STEAM LINE SHALL BE MADE BY ECCENTRIC REDUCERS.



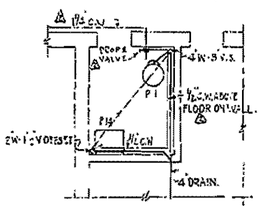
⚠ NOTE: C.I. MANHOLES FRAMES & COVERS TO BE FOR HEAVY DUTY TRAFFIC.



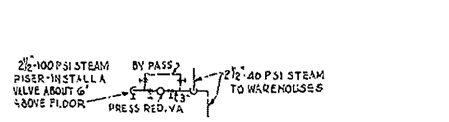


NOTES-
⚠ STEAM LINE TO BE COVERED WITH 2-1" THICKNESSES OF 85% MAGNESIA PIPE INSULATION WITH JOINTS STAGGERED & CEMENTED. RETURN LINE TO BE COVERED WITH 1" THICKNESS OF ASBESTOCEL PIPE COVERING. PIPE TO BE SUPPORTED ON SUITABLE BRACKETS SECURED TO TUNNEL WALLS TO ALLOW FOR EXPANSION & CONTRACTION, MIN. PITCH TO BE 1" IN 40 FT. STEAM CONNECTIONS INTO BUILDINGS TO BE MADE WITH H SWING JOINTS. INSTALL EXPANSION JOINTS AT Ⓐ. PROVIDE C.I. MANHOLE FRAME & COVER FOR ACCESSIBILITY TO JOINTS & PIPE TUNNEL. RISES & DROPS DUE TO CHANGES IN GRADES TO BE DRIPPED & TRAPPED THRU BUCKET TRAPS SUITABLE FOR 100 PSI STEAM. THESE DRIPS TO BE RUN TO NEAREST FLASH TANK.

⚠ PLOT PLAN
SCALE: 1"-100'



TOILET ROOM PLUMBING
SCALE: ½"-1'0"



PRESS. RED. VALVE STATION- DETAIL 'A'
⚠ 100 PSI TO 40 PSI

DATE	NO.	REVISIONS	BY	APPROV.
12/9/46	⚠	ADDED COPES FEEDER & H.D. "147-2 FEEDER & L.W. ARM.	RRR	
9/24/46	⚠	ADDED TUNNEL SECTIONS	RRR	
8/15/46	⚠	ADDED SECOND BOILER ECHNICO "2100PH	RRR	
8-9-46	⚠	ADDED 2 FLUE REMOVAL DOORS	W.H.	
7-29-46	⚠	ADDED NEW SEPTIC TANK	CRR	
7-25-46	⚠	REVISED SEWER FROM #3 & FUTURE WAREHOUSE	RRR	
5-3-46	⚠	ADDED FLASH TANK, REVISED SEWER	RRR	
5-15-46	⚠	REVISED WATER SERVICE TO WAREHOUSES	RRR	
4-18-46	⚠	ADDED NOTE RE. STUB STACK.	RRR	

U. S. ENGINEER OFFICE
SANTA FE, NEW MEXICO

PERMANENT WAREHOUSES
HEATING & PLUMBING
BLDG. ULR-130 TA-0

IN 10 SHEETS | SCALE AS SHOWN | SHEET No. 6

OFFICE OF POST ENGINEER 8 APRIL 1946

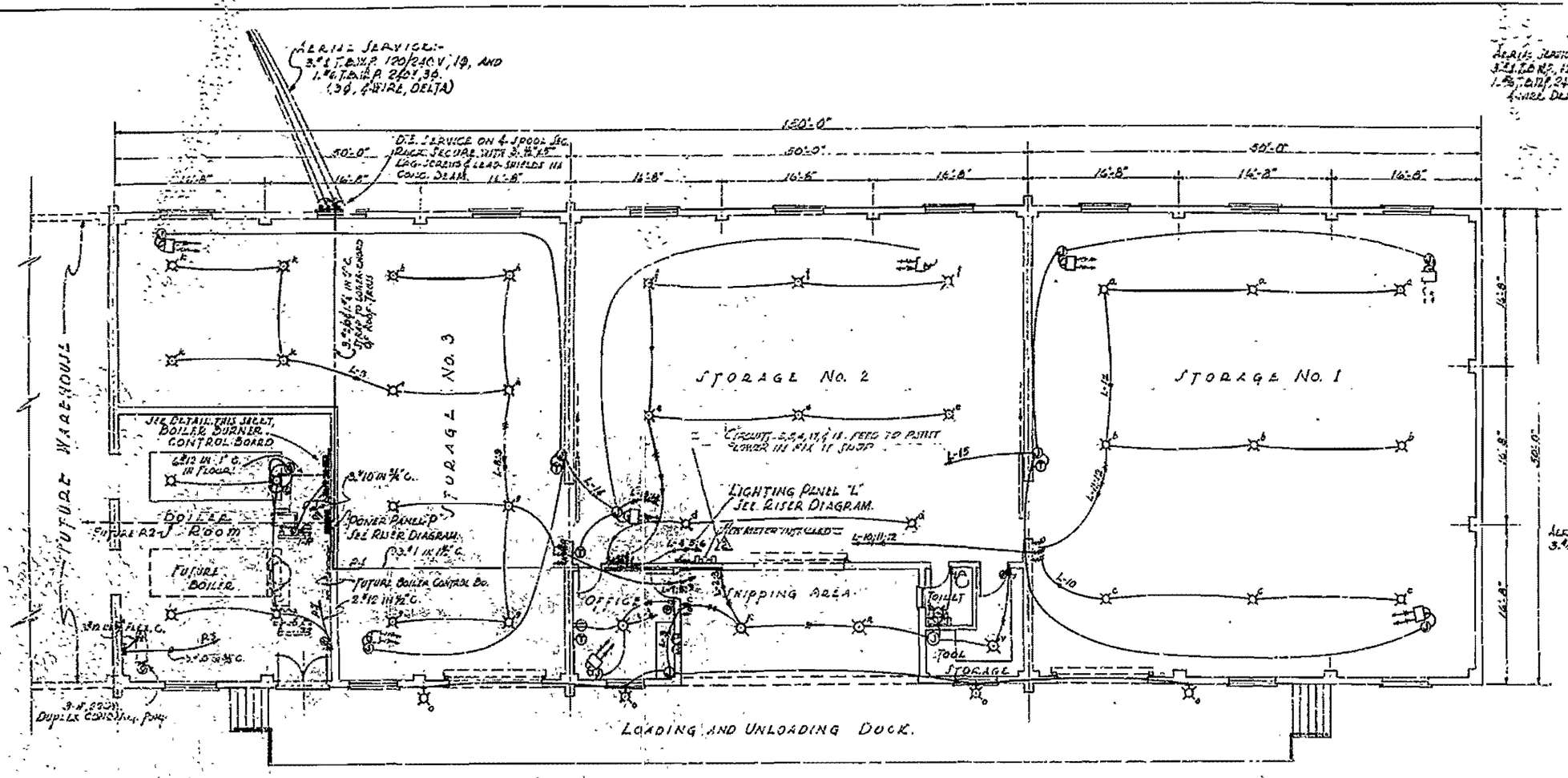
SUBMITTED | RECOMM'D | APPROVED BY

DR. BY RRR
TR. BY
CH. BY

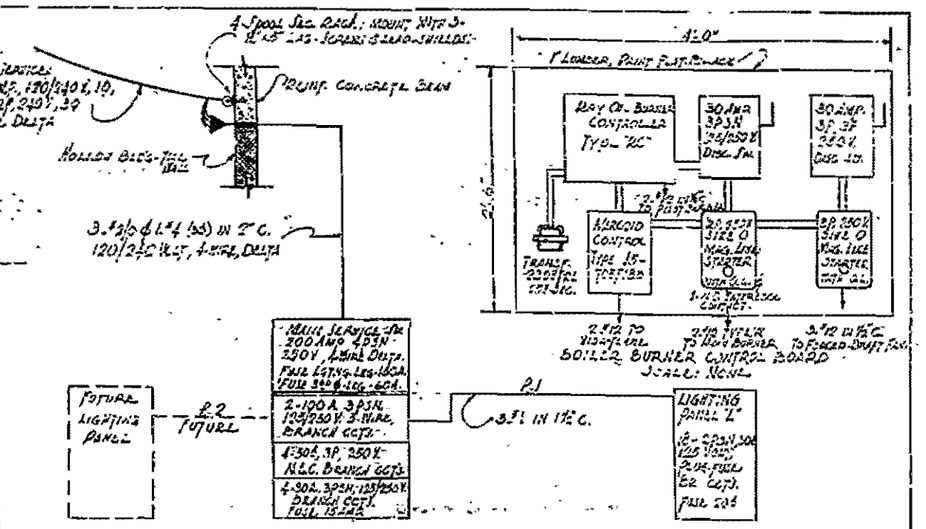
FILE NO. PE 434

RECEIVED FLOODED TO VAULT

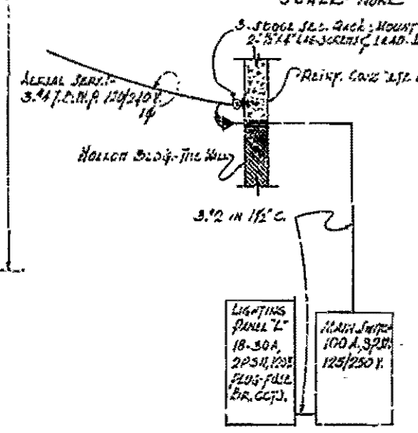
LAB JOB 3835 LASL DWG. NO ENG-C 24140



POWER AND LIGHTING PLAN & DETAILS
WAREHOUSE NO. 3.
SCALE: ⅛" = 1'-0"



ELECTRIC RISER DIAGRAM
WAREHOUSE NO. 3 ONLY.
SCALE: NONE

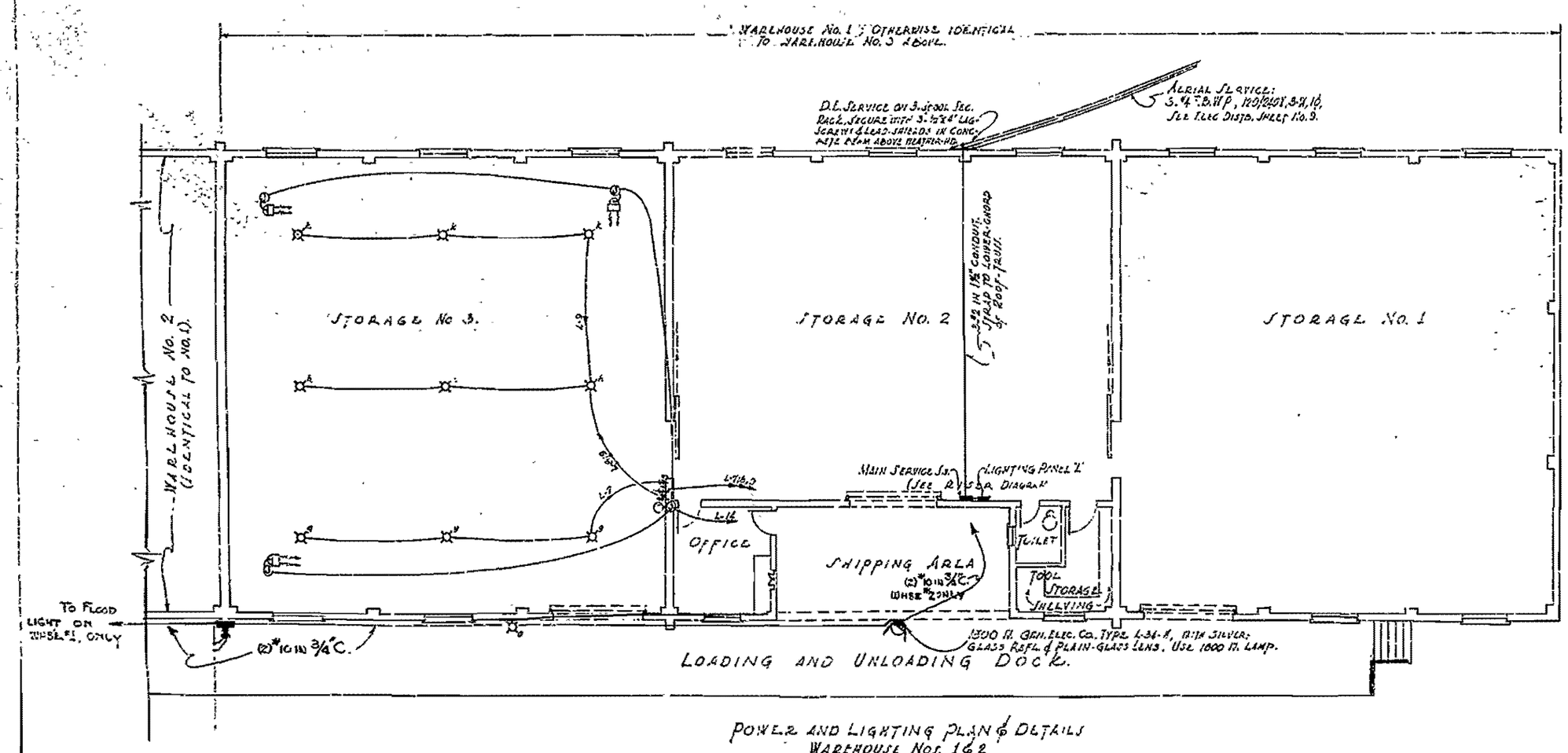


ELECTRIC RISER DIAGRAM.
WAREHOUSE NOS. 1 & 2.
SCALE: NONE.

ELECTRIC FIXTURE SCHEDULE.

ROOM DISCRIPTION.	TYPE	WATTS	MTNG HT.
STORAGE NO. 1	I-5	300	13'-0"
STORAGE NO. 2	G2212	300	14'-6"
STORAGE NO. 3 THSE. NO. 3	G2220	200	13'-0"
STORAGE NO. 3 WHSE. NOS 1&2	I-5	300	13'-0"
BOILER ROOM	G2220	200	13'-0"
SHIPPING AREA	I-4	200	CLNG.
OFFICE	B	200	9'-0"
TOILET	CAS.	60	9'-6"
TOOL STORAGE	G2208	100	11'-0"
EXTERIOR	G.	100	10'-0"

NOTE:
FIXTURE NOS. IN ABOVE SCHEDULE ARE GOODRICH ELECTRIC CO. CAT. NOS. OR EQUAL.



POWER AND LIGHTING PLAN & DETAILS
WAREHOUSE NOS. 1 & 2
SCALE: 1/8" = 1'-0"

NOTES.

1. WIRING SHALL BE INSTALLED IN CONFORMITY WITH 1940 EDITION OF NAT. ELEC. CODE AND SUBSEQUENT ADDENDA.
2. WIRING RUNS IN SPACE STORAGE NOS 1, 2 AND 3 TO BE NO 10 IN ELEC-METALLIC TUBING IN 3/4 ALLED EXPOSED STRAPPED TO LOWER CHORD OF ROOF TRUSS. RUNS IN BOILER ROOM TO BE NO. 12 IN E.M.T. INSTALLED IN A LIKE MANNER, UNLESS OTHERWISE NOTED.
3. ALL DISCONNECT SWITCHES AND DISTRIBUTION PANELS TO BE SURFACE MOUNTING TYPE.
4. WIRING RUNS IN OFFICE, SHIPPING AREA, TOILET, TOOL STORAGE AND LOADING DOCK SHALL BE NO. 12 IN GALV. RIGID CONDUIT CONCEALED IN WALLS AND CEILING.
5. WALL RECEPTACLES SHALL BE 15 AMP. 125 VOLT FLUSH MOUNTED 12" ABOVE FIN. FLOOR EXCEPTION: COMBINATION WALL SWITCH AND RECEPTACLE TO BE MOUNTED 4'-6" ABOVE FIN. FLOOR.
6. WALL SWITCHES FOR LIGHTS IN STO. NOS 1, 2 & 3 SHALL BE 20 AMP. 120 VOLT SURFACE MOUNTED 4'-6" ABOVE FIN. FLOOR; AT ALL OTHER LOCATIONS 15 AMP. 120 VOLT FLUSH MOUNTED 4'-6" ABOVE FIN. FLOOR EXCEPT BOILER ROOM WHICH SHALL BE SURFACE MTD.
7. RUNS TO STEAM-FIRED UNIT HEATERS SHALL BE NO. 12 IN E.M.T. TERMINATED IN 4" OCTAGON PULL BOX WITH BLANK COVER, ADJACENT TO UNIT HEATER. CONTINUE RUN TO MOTOR WITH 2-#12 IN ½" FLEXIBLE CONDUIT. THERMOSTATS SHALL BE 10 AMP. 115-230 VOLT, MINN-HONEYWELL TYPE T6822 OR EQUAL, MOUNTED 5'-0" UP.
8. REFER TO SHEET NO. 10 THIS SET OF DOCS. FOR ELEC. DISTR. DETAIL.
9. REFER TO SHEET NO. 11, P.E. FILE NO. 350, ADDITION TO BOILER HOUSE, FOR WIRING DIAGRAM AND CONTROLS OF BOILER. EXCEPTION: ADD SOLENOID VALVE IN STEAM SUPPLY LINE TO UNIT HEATER, FOR FORCED DRAFT FAN TO OPERATE SIMULTANEOUSLY WITH MAIN BURNER MOTOR.
10. FIXTURES TO BE SUSPENDED FROM OUTLET BOX AT CEILING COVERS ON THE CONDUIT STEMS, EXCEPT OFFICE FIXTURE TO BE SUSPENDED WITH LINK-CHAIN.

LEGEND

- CEILING LIGHT FIXTURE OUTLET
- WALL BRACKET LIGHT FIXTURE OUTLET
- DUPLEX CONVENIENCE OUTLET
- 4" OCTAGON JUNCTION BOX WITH BLANK COVER
- THERMOSTAT - SEE NOTES
- STEAM FIRED UNIT HEATER. FRACTIONAL HP MOTOR.
- MOTOR, SIZE, VOLTAGE, PHASE INDICATED.
- TUMBLER WALL SWITCH (SUB-SCRIPT INDICATES WATER CONTROLLED)
- COMBINATION WALL SW. & DUPLEX CONV. OUTLET.
- IDENTIFIED POWER OR LIGHTING CIRCUIT RUN
- FUSED DISCONNECT SWITCH SIZE SHOWN
- POWER OR LIGHTING CIRCUIT DISTR. PANEL.

DATE	NO.	REVISIONS	BY	APPROV.
9-25-46	2	NEW ELECTRIC METER INSTALLED.	CF&C.	
6-10-46	1	FLOODLIGHTS FOR COLD STORAGE PLANT ADDED	P.J.G.	

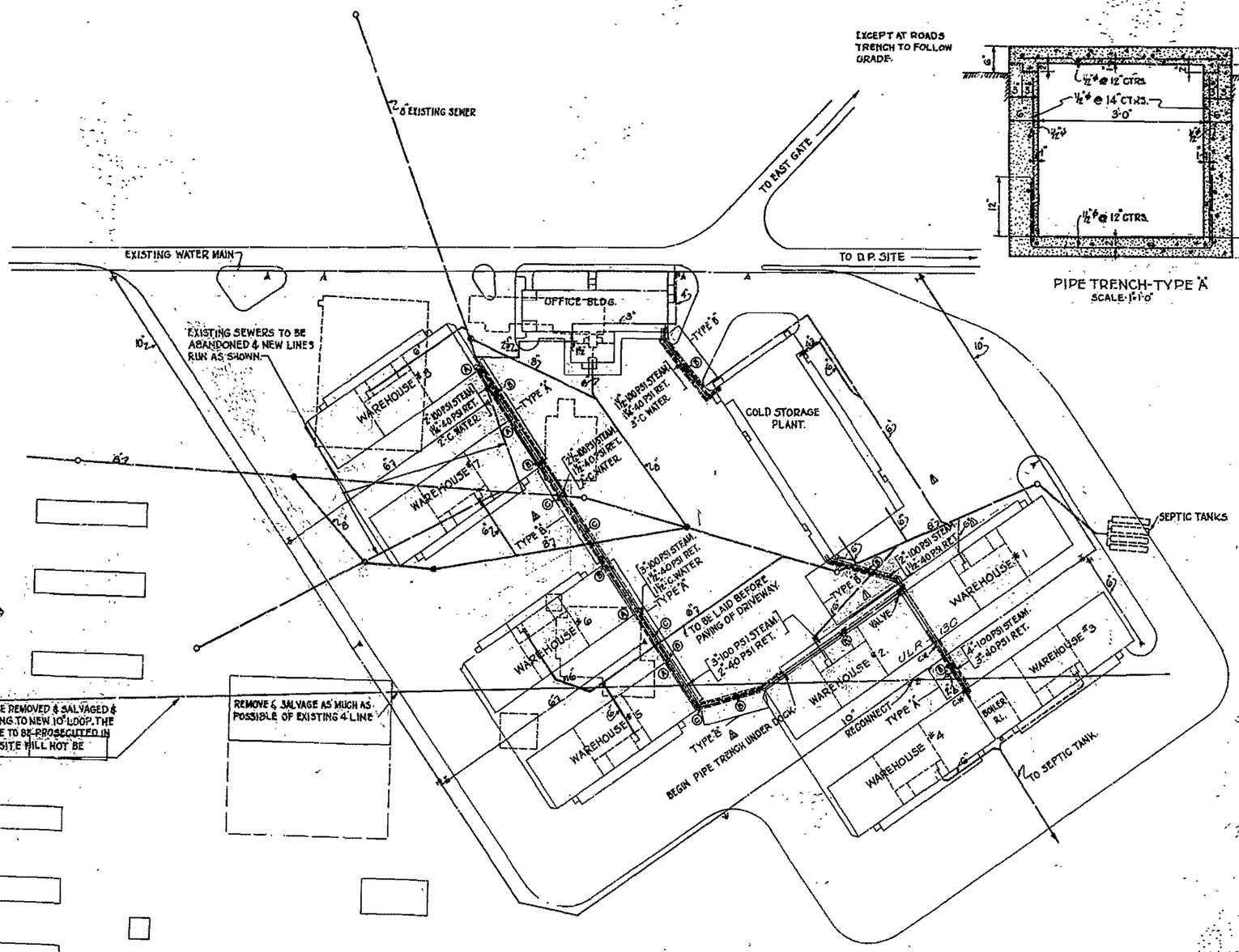
U. S. ENGINEER OFFICE
SANTA FE, NEW MEXICO

PERMANENT WAREHOUSES
ELECTRICAL WIRING PLAN AND DETAILS

BLDG. ULR-130 TA-0

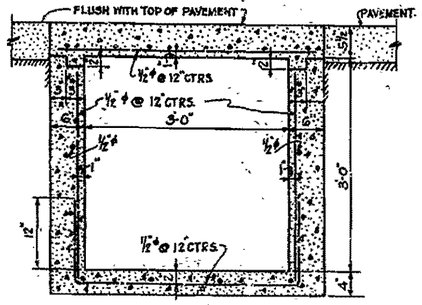
IN 10 SHEETS	SCALE: As Noted	SHEET No. 9
OFFICE OF POST ENGINEER		8 APRIL, 1946
SUBMITTED BY: Brad Hatton, Chief, Engr. Div.	APPROVED RECOMMD: P.P. Quinn, Capt., Corps of Engineers	APPROVED BY: A. A. Fries, Lt. Col., Corps of Engineers
DR. BY J.H. TR. BY CH. BY J.H.	FILE NO. PE 434	

LAB JOB 3835 L.A.S.L. DWG. NO. ENG-C 2414



PLOT PLAN.
SCALE-1"=50'

PIPE TRENCH-TYPE 'A'
SCALE-1"=1'-0"



PIPE TRENCH-TYPE 'B'
SCALE-1"=1'-0"

GENERAL NOTES

⊄ EXISTING FIRE HYDRANTS TO BE REMOVED.
⊄ NEW FIRE HYDRANTS.
—O— EXISTING SEWERS & MANHOLES.
—●— NEW SEWERS & MANHOLES.

100 PSI STEAM LINE IN TRENCH TO BE INSULATED WITH 2-1" THICKNESSES OF 85% MAGNESIA PIPE COVERING WITH JOINTS STAGGERED & CEMENTED. RETURN LINE IN TRENCH TO BE INSULATED WITH 1" THICKNESS OF ASBESTOCEL PIPE COVERING. STEAM & RETURN LINES IN TRENCH, AFTER INSULATION HAS BEEN APPLIED, TO BE WEATHER-PROOFED BY WRAPPING OF 30# FELT, SEALING JOINTS WITH ASPHALT. PIPES TO BE SUPPORTED ON WALL BRACKETS IN TRENCH & HUNG FROM UNDERSIDE OF DECK IN SUITABLE HANGERS ALLOWING FOR EXPANSION & CONTRACTION. MIN. PITCH 1" IN 40'. FURNISH & SET PIPE SLEEVES AS REQUIRED. CONNECTIONS INTO THE WAREHOUSES TO BE MADE BY SWING JOINTS. AT Ⓐ PLUGGED TEES TO BE PLACED IN THE STEAM, RETURN & WATER MAINS IN TRENCH FOR FUTURE CONNECTIONS. AT Ⓑ FURNISH & INSTALL EXPANSION JOINTS, STANDARD TRAVERSE, SUITABLE FOR 100 & 40 PSI STEAM, WHERE RISES OR DROPS OCCUR IN STEAM MAIN DUE TO CHANGE IN GRADE, SAME TO BE DRIPPED & TRAPPED. TRAPS TO BE OF THE INVERTED BUCKET TYPE FOR 100 OR 40 PSI AS REQUIRED. DRIPS FROM THE 100 PSI STEAM TRAPS TO BE RUN TO THE NEAREST FLASH TANK BEFORE CONNECTING TO THE 40 PSI RETURN. FOR STEAM & RETURN CONNECTIONS FOR WAREHOUSE #4 SEE SHEET #8 OF FILE # PE-434. FOR STEAM & RETURN CONNECTIONS & HEATING LAYOUT PLAN FOR WAREHOUSES #5 TO #8 INC. SEE SHEET # FILE #

AT Ⓑ & Ⓒ PROVIDE CAST IRON MANHOLE FRAMES & COVERS SAME TO BE OF THE HEAVY DUTY TYPE.

COLD WATER SERVICE LINES TO BE RUN IN TRENCH AS SHOWN & IS TO BE INSULATED WITH 1" THICKNESS OF WOOL FELT & WEATHER-PROOFED.

DATE	NO	REVISIONS	BY	APPROV.
6-4-47	Δ	CHANGED STEAM TRENCH TYPE.		
12-9-46	Δ	CORRECTED TO SHOW WATER & SEWER AS BUILT.		TYD

U.S. ENGINEER OFFICE
SANTA FE, NEW MEXICO

PERMANENT WAREHOUSES

PLOT PLAN AND UTILITES

BLDG ULR-130 TA-0

IN SHEETS	SCALE	SHEET NO. 1A
OFFICE OF POST ENGINEER		10-21-1946

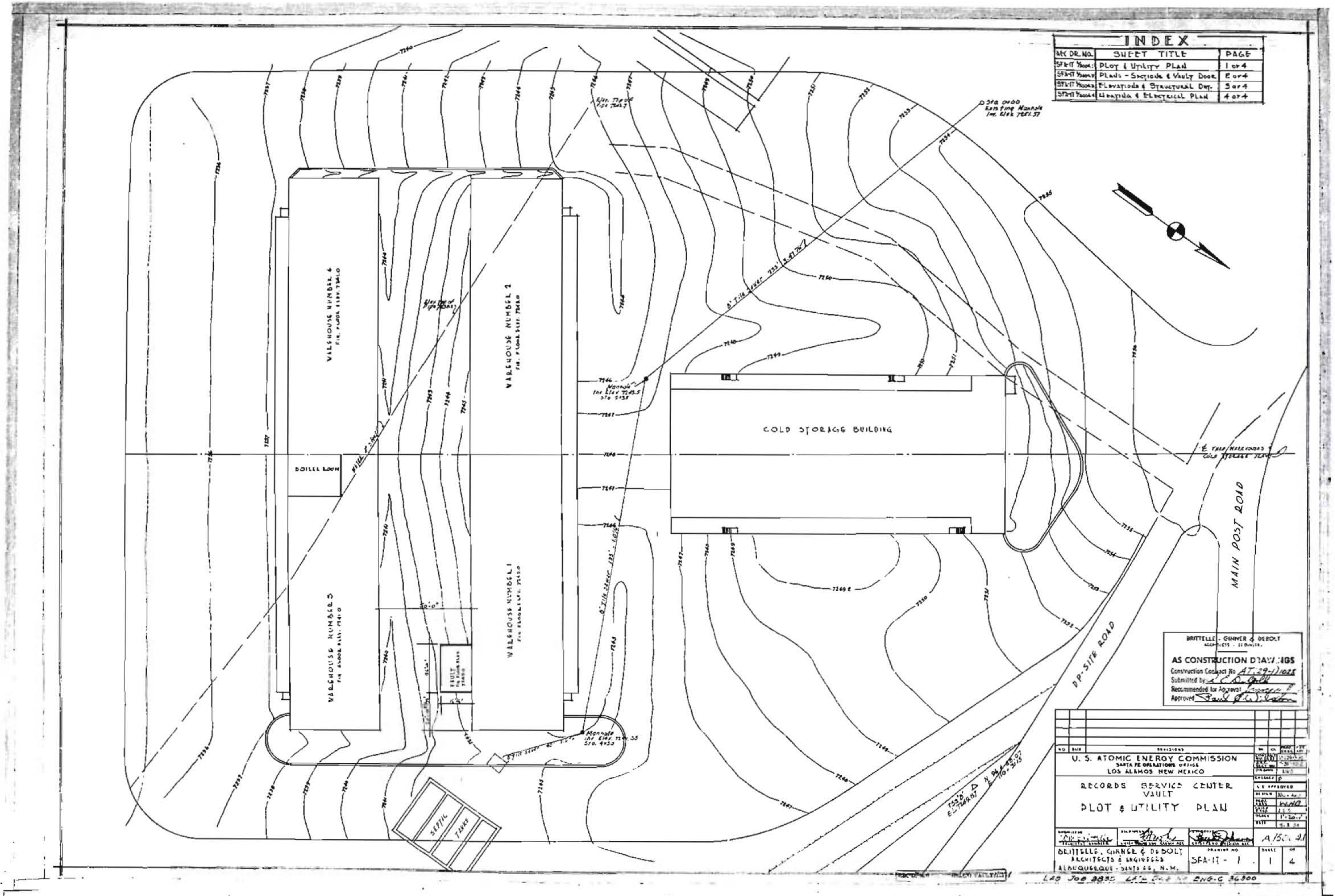
SUBMITTED BY	APPROV. RECOM.	APPROVED BY
HEAD ENGRG SECTION	MAJ., CORPS OF ENGINEERS	COL., CORPS OF ENGRS

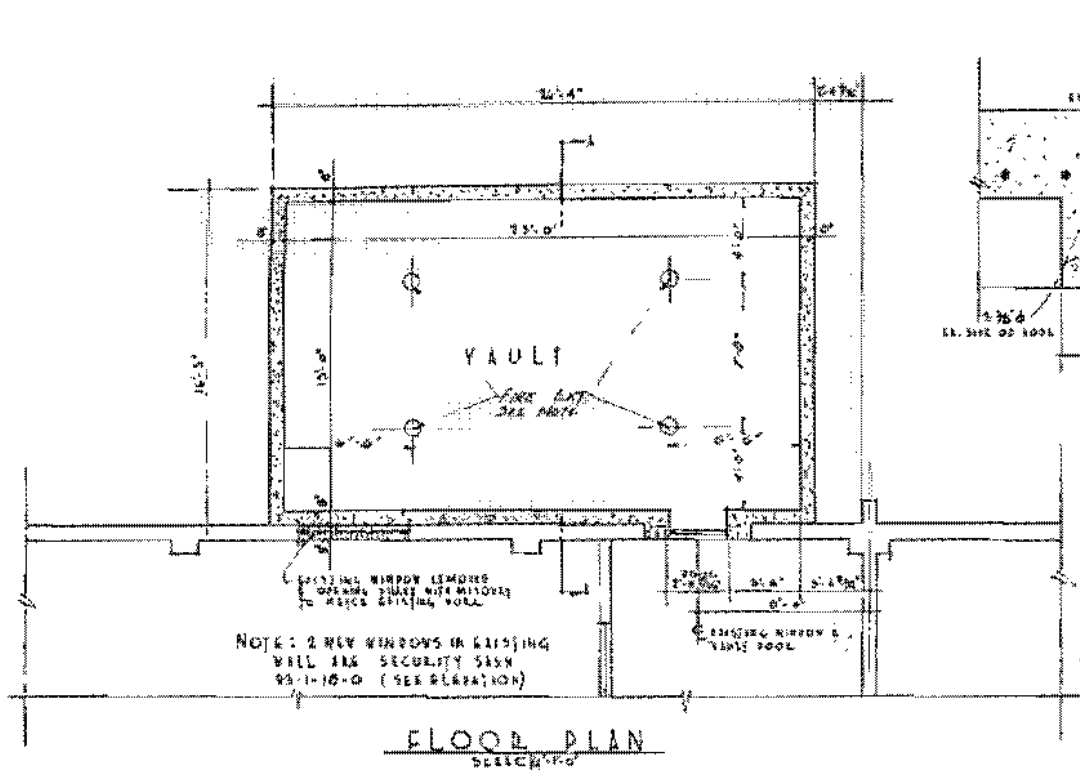
DR. BY
TR. BY
CH. BY .RRR

FILE NO. PE 434

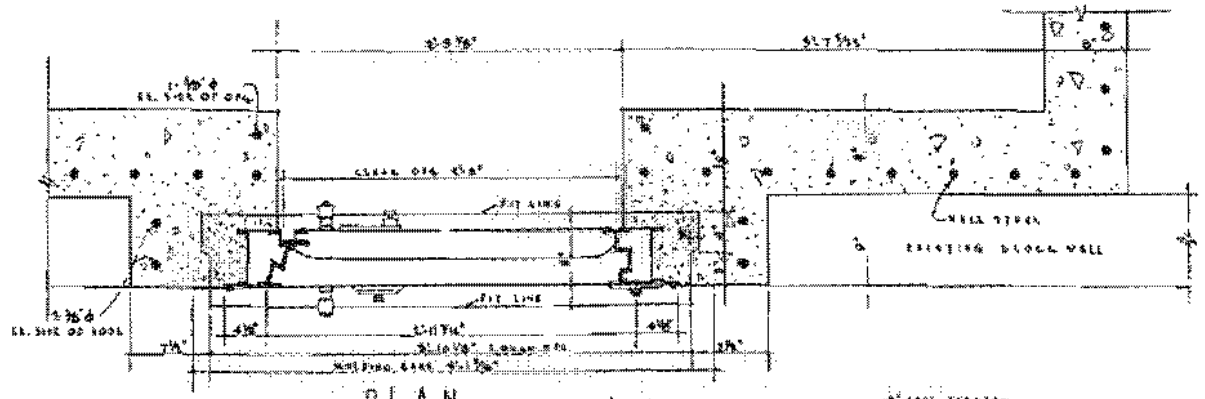
SUPERSEDES DRWG. DATED 2-13-1946

IAB JOB 3855 IASL. DWG. NO. ENG-C 24132

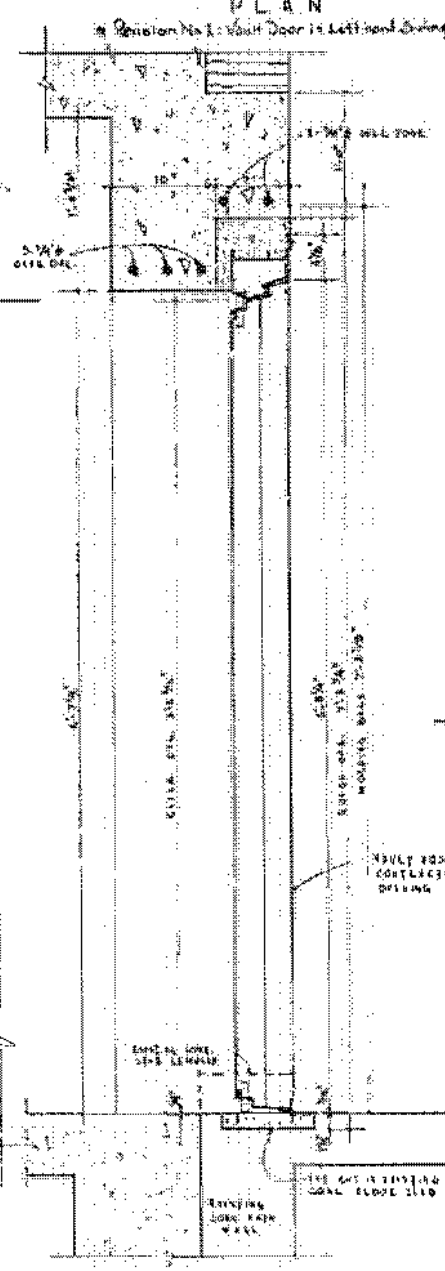

INDEX
ARC DR. NO. | SHEET TITLE | PAGE
SF-17 Y600A | PLOT & UTILITY PLAN | 1 of 4
PLANS - SECTIONS & VAULT DOOR | 2 of 4
ELEVATIONS & STRUCTURAL DET. | 3 of 4
HEATING & ELECTRICAL PLAN | 4 of 4
COLD STORAGE BUILDING
WAREHOUSE NUMBER 1
WAREHOUSE NUMBER 2
WAREHOUSE NUMBER 3
WAREHOUSE NUMBER 4
BOILER ROOM
VAULT
SEPTIC TANKS
MAIN POST ROAD
DP-SITE ROAD
Sta. 0+00 Existing Manhole Inv. Elev. 7251.37
8" Tile Sewer
Manhole
Manhole
50'-0"
BRITTELLE - GINNER & DEBOLT
AS CONSTRUCTION DRAWINGS
Construction Contract No. AT-(29-1)-1025
Submitted by
Recommended for Approval
Approved
U. S. ATOMIC ENERGY COMMISSION
SANTA FE OPERATIONS OFFICE
LOS ALAMOS NEW MEXICO
RECORDS SERVICE CENTER
VAULT
PLOT & UTILITY PLAN
BRITTELLE, GINNER & DeBOLT
ARCHITECTS & ENGINEERS
ALBUQUERQUE - SANTA FE, N.M.
SFA-17 - 1
A/50 21
SHEET 1 OF 4
LAO JOB 3835
ENG-C 36800



FLOOR PLAN

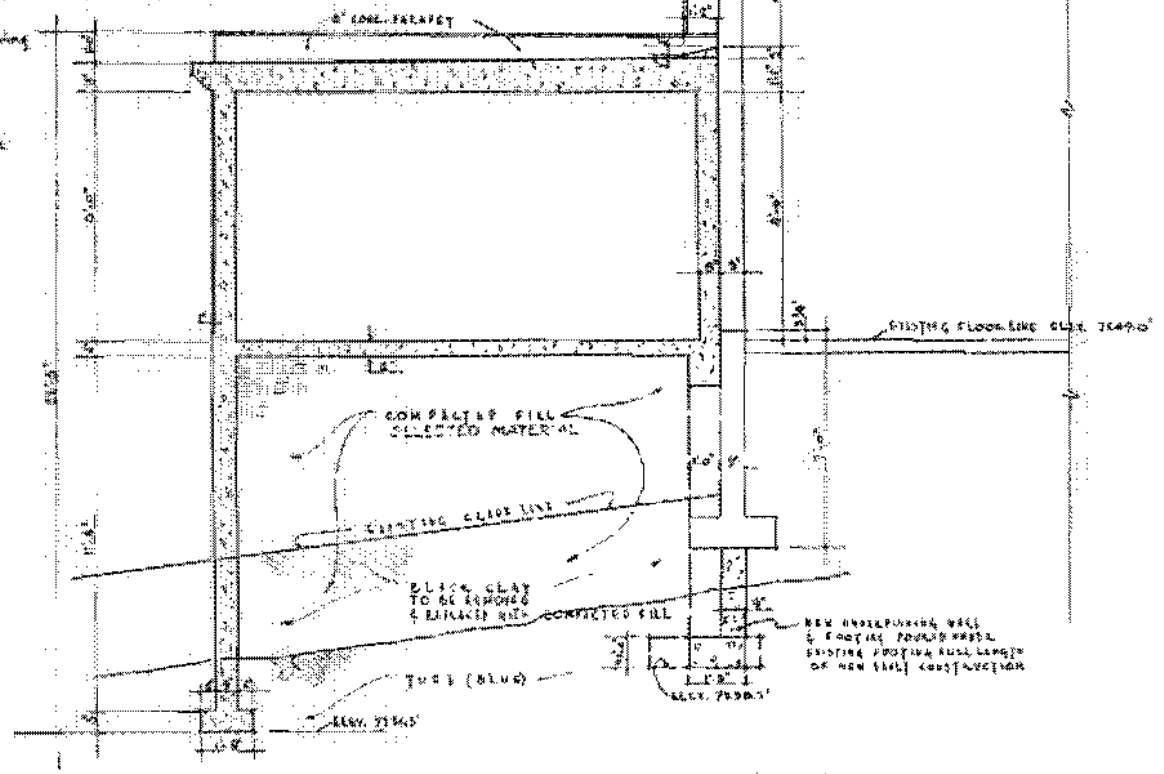


PLAN

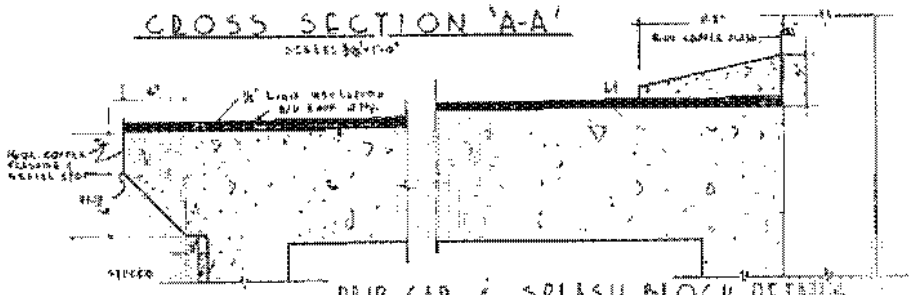


SECTION

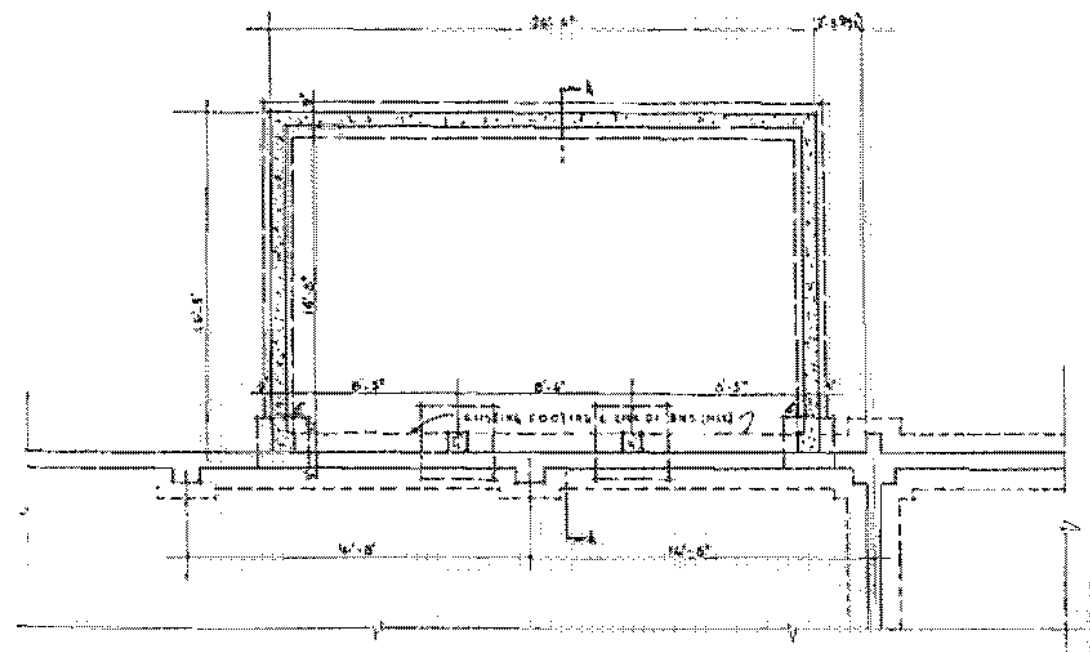
VAULT DOOR DETAILS



CROSS SECTION 'A-A'



DRIP CAP & SPLASH BLOCK DETAILS



FOUNDATION PLAN

MATERIALS SYMBOLS

CONCRETE

HOLLOW BLOCK MASONRY

RIGID BOARD INSULATION

BRITTELLE, GINNER & DEBOLT
ARCHITECTS - ENGINEERS

AS CONSTRUCTION DRAWINGS

Construction Inspected by
Submitted by
Recommended for Approval
Approved

2 | 12-6-56 | Vault Door To Be Left Hand Swing

U. S. ATOMIC ENERGY COMMISSION
SANDIA CORPORATION OPERATOR
LOS ALAMOS, NEW MEXICO

RECORDS SERVICE CENTER
VAULT
PLANS - SECTIONS & VAULT DOOR

DESIGNED	DRAWN	APPROVED	DATE
			A/ISOCC 2

BRITTELLE, GINNER & DEBOLT
ARCHITECTS & ENGINEERS
ALBUQUERQUE - SANTA FE, N.M.

DRAWING NO. SEA-17-2
FAB-C 56 901

SHEET 2 OF 4

Note: Work shall be subject to Factory Supervision, Certification, & Engineering as shall be required by Fireproof Products, Inc., Attleboro, Mass., Catalog No. 96.

PARTIAL HEATING PLAN

PLAN

METAL WINDOW DETAIL

METAL DOOR DETAIL

WINDOW & DOOR DETAIL

OFFICE DETAIL

PARTIAL HEATING PLAN

SECTION

ELEVATION

CEILING SECT.

JAMB SECT.

FLOOR SECT.

FLOOR SEC. ELEV.

TOILET ROOM DETAIL

PLOT PLAN

DOOR HARDWARE					
DOOR	LOCK	HINGES	CLOSER	STOP	HOLDER
A	EQUIPPED W/DOOR	EQUIPPED W/DOOR	TALCO #114 W/REG. HD.	NONE	NONE
B	BAL-CARB #3054 DU.	1½ PR. 4½" P. BRASS BUTTS	TALCO #104	NONE	NONE
C	BAL-CARB #3054 DU.	1½ PR. 4½" P. BRASS BUTTS	NONE	BAL-CARB #401	BAL-CARB #44
D	BAL-CARB #3044	1 PR. 3½" P. BRASS BUTTS	6" #280 BRAINO	NONE	NONE

NOTE: SHOP SHALL VERIFY ALL DIMENSIONS.

U. S. ATOMIC ENERGY COMMISSION - LOS ALAMOS, NEW MEXICO

ALTERATIONS TO PERMANENT W'H/E. FOR A.E.C. SUPPLY DIVISION

180 SEVENTH STREET
LOS ALAMOS, NEW MEXICO

THE ZIA COMPANY

DRAWING NO. Z-786

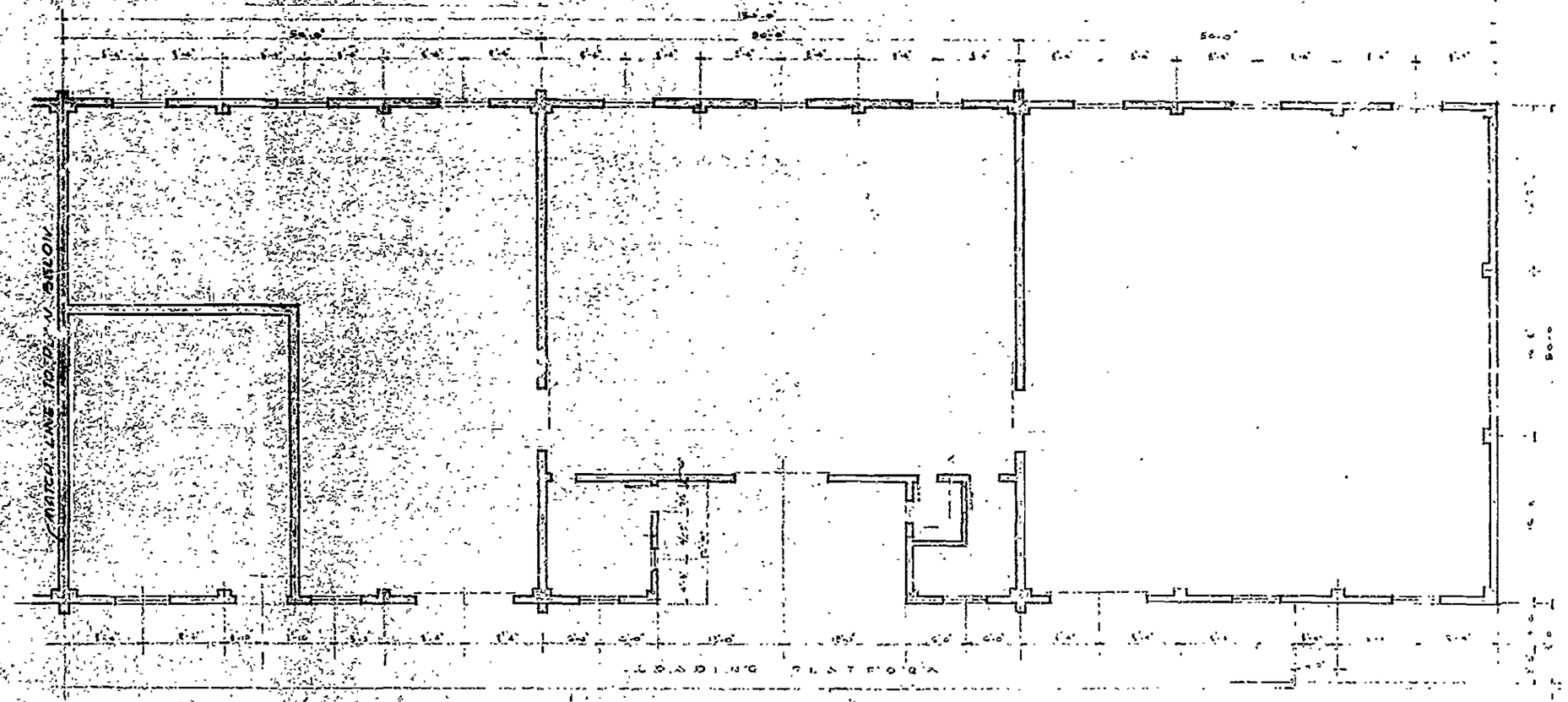
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CHECKED: JK
DATE: 12-4-51
SHEET: 1 OF 1 SHEETS

APPROVED

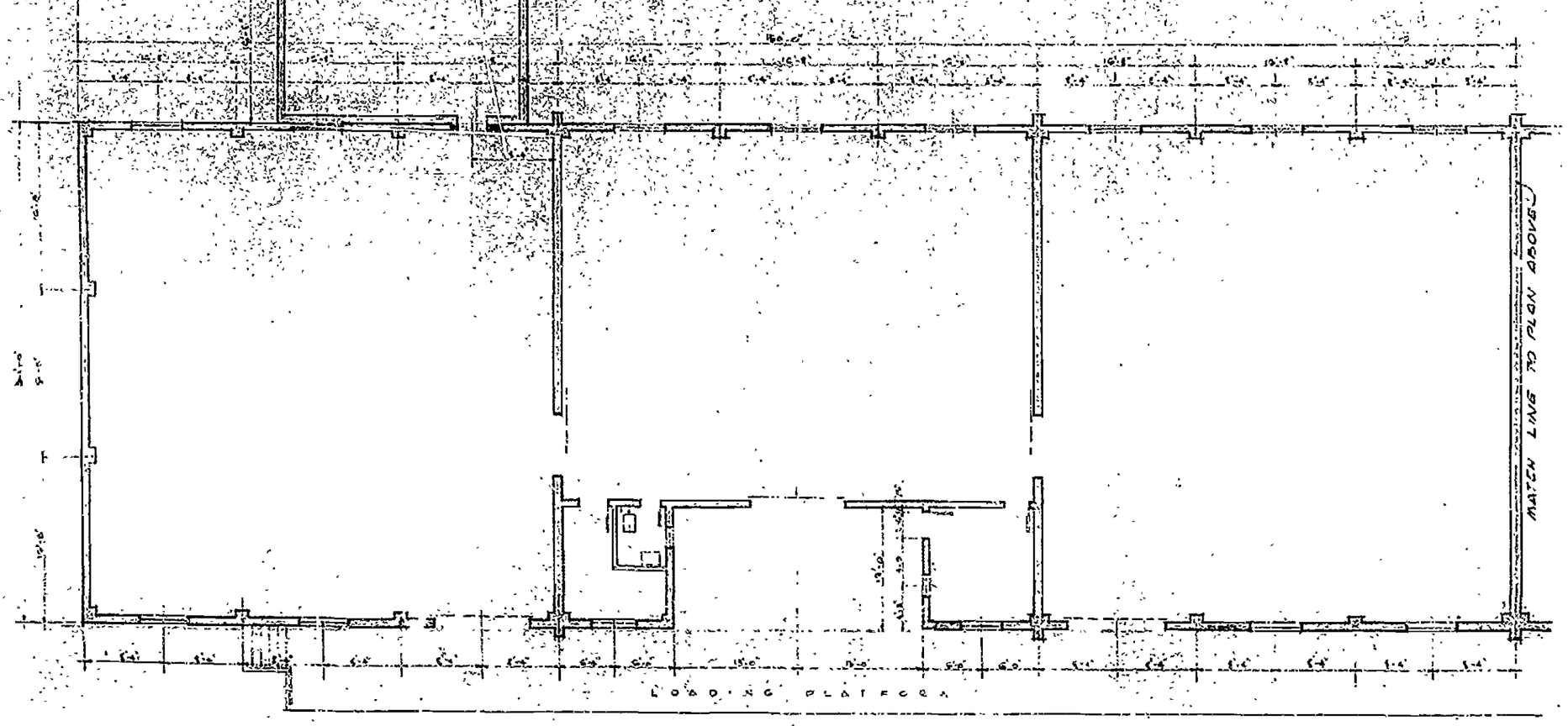
REVISIONS

W/O: 880.624

LAB JOB 3855 I.A.S.L. DWG. NO. ENG-C 3630



- PLAN -
1/8" = 1'-0"



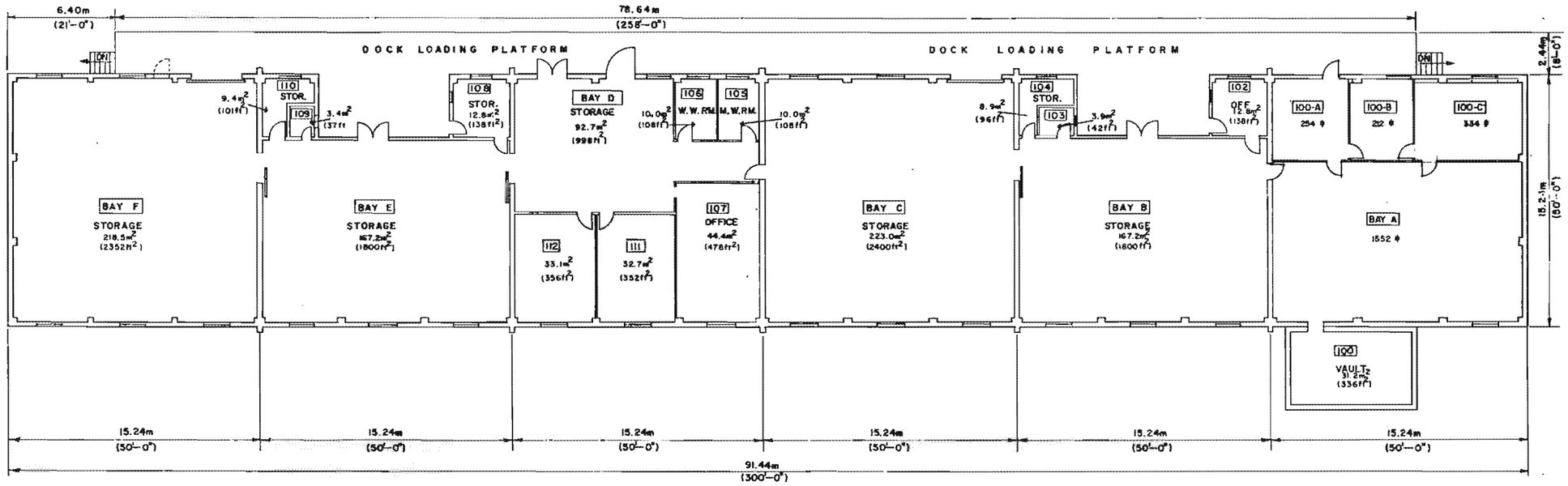
- PLAN -
1/8" = 1'-0"

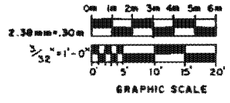
NORTH

NOTE:- FOR CONSTRUCTION SEE ORIGINAL PLANS.

U. S. ATOMIC ENERGY COMMISSION	LOS ALAMOS, NEW MEXICO	
	WAREHOUSE BLDG. ULR-180, TA-0 180-7TH STREET	DRAWING NO.
	LOS ALAMOS, N. M.	DRAWN
		CHECKED
	THE ZIA COMPANY	DATE JULY 24 '52
	SUBMITTED / RECOMMENDED / APPROVED	SHEET 1 OF 1 SHEETS
REVISIONS		

BEST SHOT POSSIBLE DUE TO CONDITION OF DRAWING C.A.S.I. DWG. NO. ENG-C 24133





GRAPHIC SCALE

5	3-12-84	REVISED TO STATUS OF 3-12-84	H&N		
REV.	DATE	REVISION	BY	CKD.	APP.

UNIVERSITY OF CALIFORNIA
Los Alamos
Los Alamos National Laboratory
Los Alamos, New Mexico 87545

FACILITIES ENGINEERING DIVISION

RECORDS VAULT
FIRST FLOOR PLAN

BLDG. ULR-130 TA-0

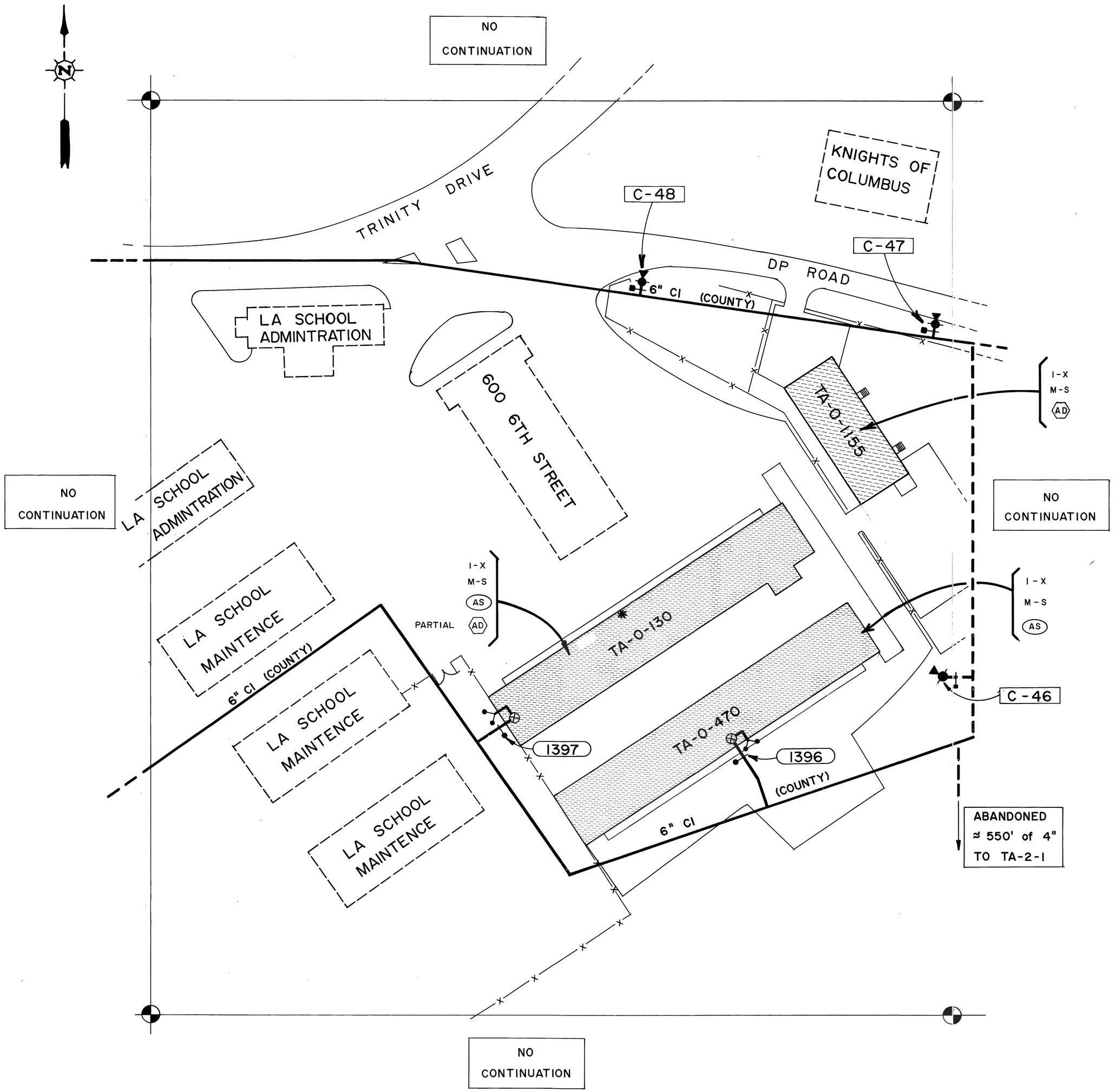
	ft²	m²
BLDG. TOTAL	14,092	1,309.2

SEC. CLASSIFICATION: CL. TO. U
REVIEWER: Prudencio
DATE: 5-30-84

SUBMITTED	RECOMMENDED	APPROVED
E. Trujillo	Dan Rye	R.A. Rick

DRAWN	DAVIS
CHECKED	

DATE 5-30-84 | SHEET NO. 1 OF 1 | DRAWING NO. ENG-R3303



50' 25' 0 50' 100' 150' 200'

SCALE

REV.	DATE	REVISION	BY	CKD.	APP
1	1-24-89	ADDED MUSEUM WAREHOUSE (TA-0-1155)	RWR		

UNIVERSITY OF CALIFORNIA
Los Alamos National Laboratory
Los Alamos, New Mexico 87545

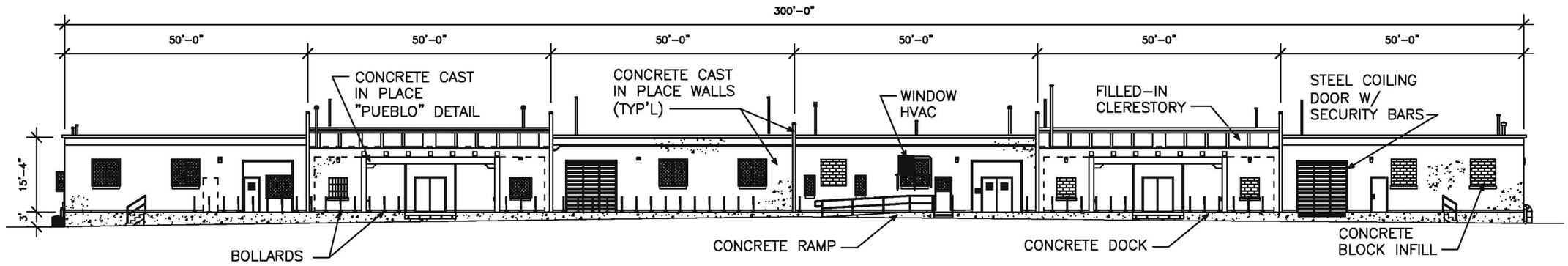
FACILITIES ENGINEERING DIVISION

FIRE PROTECTION MAPS
LA RECORDS CENTER & ARCHIVES

SEC. CLASSIFICATION: CLASS U
REVIEWER RAH
DATE 9/12/85

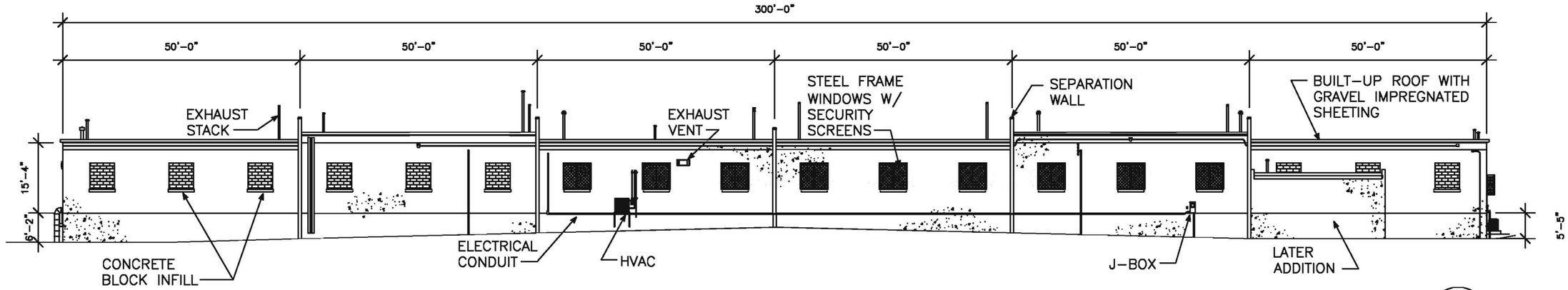
	SUBMITTED	RECOMMENDED	APPROVED
	J R Bowdon	J R Bowdon	RAH
DRAWN	Richard W Pearson	DATE 01/07/85	SHEET NO. 2 OF 2
CHECKED	J R Bowdon		DRAWING NO. ENG-FM-LARC-01

ENG C 51629



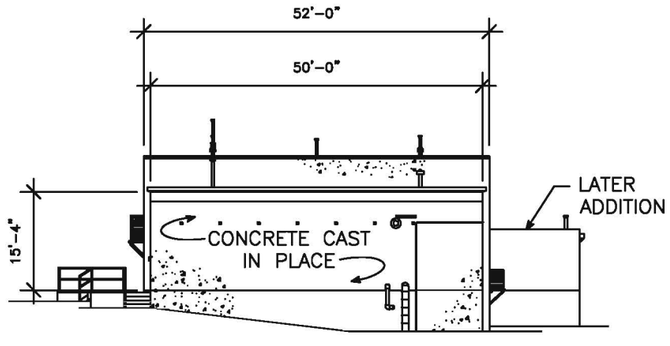
NORTH ELEVATION

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



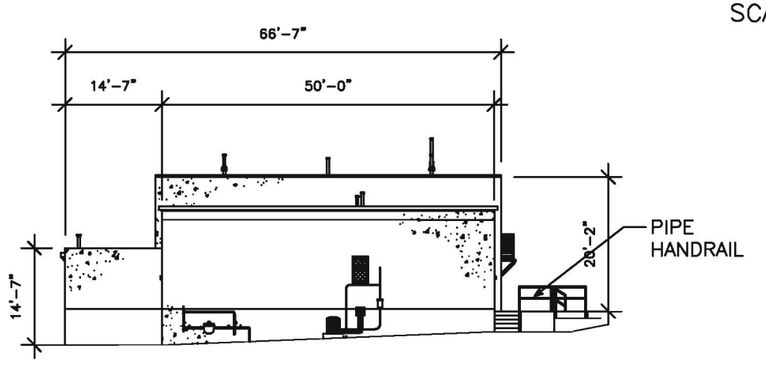
SOUTH ELEVATION

SCALE: 3/32"=1'-0" (2 / A-1)



WEST ELEVATION

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



EAST ELEVATION

SCALE: 3/32"=1'-0" (4 / A-1)

COLD WAR ERA BUILDINGS HISTORIC CONTEXT

DRAWN	K. HONIG
DESIGN	—
CHECKED	K. TOWERY
DATE	JUL 08

TA-21-1001 ARCHIVES

SUBMITTED | APPROVED FOR RELEASE

Los Alamos NATIONAL LABORATORY
PO Box 1663
Los Alamos, New Mexico 87545

SHEET A-1

1 OF 1

CLASSIFICATION U | REVIEWER | DATE

LANL TA- Building # 21-1002

Camera digital photos by LANL ENV-EAQ and IT Corporation

Frame #s Photos on file at LANL, ENV-EAQ, cultural Resources Team

Surveyor(s) S. McCarthy, J.Ronquillo/K.Towery/K. Garcia

Date 9/2005, 3/13/2006

Los Alamos National Laboratory CRT
Historic Building Survey Form

Building Nam Warehouse (ULR-470/TA-0-470) UTMs easting 383421 northing 3971052 zone 13

Legal Description: Map USGS Guaje Mountain Quad tnsp 19N range 6E sec 15

Current Use/ Function Building houses Laboratory
Archival Storage and Laboratory
Welding School

Original Use/ Function Warehouse and Shop

Date (estimated) 1947 Date (actual) 1947 Property Type Support

Type of Construction

Pre-Fabricated Metal ☐ Steel Frame ☐ Wood Frame ☐ CMU ☐ Reinforced Concrete ☑

Other Type of Construction 8" thick concrete walls with 3/4" stucco # of Stories 1

Foundation Reinforced Concrete

Exterior CMU-Exterior ☐ Reinforced Concrete-Exterior ☑ Steel (galvanized) ☐ Steel (corrugated) ☐

Wood Siding ☐ Asbestos Shingles-Exterior ☐ In-Fill Panels ☐ Other-Exterior

Exterior Treatment (painted, stuccoed, etc) Painted concrete wall; typical; some concrete block infill

Exterior Features (docks, speakers, lights, signs, etc) Recessed dock on south elevation opening up to a long raised concrete loading dock/bay spanning 3/4 of the length of the building and equipped with stairs on each end. Exterior decorative elements include concrete corbels and vigas.

Addition CMU-Addition ☐ Reinforced Concrete-Addition ☐ Steel (galvanized)- Addition ☐ Wood ☐

Steel (corrugated)-Addition ☐ Asbestos Shingles-Addition ☐ Other- Addition

Exterior Treatment-Addition

Exterior Features-Addition

Roof Form Slanted/Shed ☐ Gable ☐ Other Roof Type Low sloped shed roof

Degree of Pitch/ Slope Slight

Roof Materials Corrugated Metal ☐ Rolled Asphalt ☐ Asbestos Shingles ☐ 4-Ply Built Up ☑

Other Roof Materials Steel trusses

Window Type Casement ☐ Single Hung Sash ☐ Double Hung Sash ☐ Fixed Window ☐

Other Window Type Steel-frame, 4-panel and 3-panel, hopper-type equipped with security bars. Also there are fixed steel-framed clerestory windows.

# of Each Window Type/ Comments: Eight 4-panel, four 3-panel, one cmu infilled 3-panel, and 20 fixed clerestory windows on the south elevation (front). Seventeen 4-panel and one infilled 4-panel on the north elevation (rear).

Glass Type: Clear ☑ Wire Glass ☐ Opaque ☐ Painted Glass ☐ Glass Block ☐

Light Pattern:

Door Type

Personnel Door Types — Exterior: Fire Door ☑ Single ☑ Double ☑ Roll-up ☑ Sliding ☐ Hollow Metal ☑ Solid Wood ☐ 1/2 Glazed ☐ Paneled ☐ Louvered ☐ Painted ☐

Personnel Door Types — Interior: Fire Door ☑ Single ☑ Double ☐ Roll-up ☐ Sliding ☑ Hollow Metal ☑ Solid Wood ☐ 1/2 Glazed ☑ Paneled ☐ Louvered ☐ Painted ☐

Equipment Door Types — Exterior: Fire Door ☐ Single ☐ Double ☐ Roll-up ☑ Sliding ☐ Hollow Metal ☑ Solid Wood ☐ 1/2 Glazed ☐ Paneled ☐ Louvered ☐ Painted ☐

Equipment Door Types — Interior: Fire Door ☑ Single ☑ Double ☐ Roll-up ☐ Sliding ☑ Hollow Metal ☑ Solid Metal ☐ 1/2 Glazed ☐ Paneled ☐ Louvered ☐ Painted ☐

# of Each Door Type/Comments: There are 6 ft.-wide, Class R, 3-ply composite sliding fire doors operated by a pulley and weight system.

Interior Wall: Gypsum Board ☐ Reinforced Concrete- Interior ☑ CMU- Interior ☐ Plywood ☐ Other- Interior: In-Wall Electrical Wiring ☑ On-Wall Electrical Wiring ☑

Ceiling: Drop Ceiling ☐

Interior Comments (Equipment, etc): The interior of Bays F and C contained shelving for records boxes. Bay a housed the Laboratory's welding school and associated equipment.

Degree of Remodeling: Minor

Condition: Excellent ☐ Good ☑ Fair ☐ Deteriorating ☐ Contaminated ☐ Burned ☐

Associated Building ☐

If yes, list building names and #s: Bldg. TA-21-1002 is virtually identical to the Archives Bldg.(TA-21-1001) which is located directly to the north of the Warehouse Bldg.

Integrity: Good

Significance: Eligible

Eligible Under Criterion: A ☑ B ☐ C ☐ D ☐ Not Eligible ☐

DOE Themes

Nuclear Weapon Components and Assembly ☐ Nuclear Weapon Design and Testing ☐ Nuclear Propulsion ☐

Peaceful Uses: Plowshare, Nuclear Medicine, Nuclear Energy, Nuclear Science ☐ Energy and Environment: Research and Design Projects ☐

LANL Themes

Weapons Research and Design, Testing, and Stockpile Support ☐ Super Computing ☐

Reactor Technology ☐ Biomedical/Health Physics ☐ Strategic and Supporting Research ☐

Environment/Waste Management ☐ Administration and Social History ☑ Architectural History ☐

Recommendations/ Additional Comments

Architectural Features (elevations) TA-21-1002 is a single story rectangular-in-plan building measuring approx. 300-ft. long by 50-ft. wide. The exterior is comprised of reinforced painted concrete with a series of symetrically placed windows on the north elevation. A raised concrete dock runs along most of the south elevation adjacent to a recessed covered dock. The west and east elevations are windowless painted concrete with some exposed conduit and some mechanical equipment mounted to the east elevation.

Total sq ft 15,881 Gross **Architect/ Builder** U.S. Engineer Office, Santa Fe, New Mexico, office of Post Engineer

Alterations Minor

List of Drawings (Cntrl + Enter for para break)

ENG-C 24134
Sheet 2
TA-0, Bldg. ULR-130 (TA-21-1001 & TA-21-1002)
Permanent Warehouses
Floor Plan and Sections
April 8, 1946
Revised to status of June 25, 1946

ENG-C 24135
Sheet 3
TA-0, Bldg. ULR-130 (TA-21-1001 & TA-21-1002)
Permanent Warehouses
Elevations and Details
April 8, 1946
Revised to status of August 9, 1946

ENG-C 24136
Sheet 4
TA-0, Bldg. ULR-130 (TA-21-1001 & TA-21-1002)
Permanent Warehouses
Foundations - Bldg #2
April 8, 1946
Revised to status of December 14, 1959

ENG-C 24137
Sheet 5
TA-0, Bldg. ULR-130 (TA-21-1001 & TA-21-1002)
Permanent Warehouses
Foundations – Bldg #1
April 8, 1946
Revised to status of April 30, 1946

ENG-C 24138
Sheet 6
TA-0, Bldg. ULR-130 (TA-21-1001 & TA-21-1002)
Permanent Warehouses
Roof Framing Plan and Details
April 8, 1946
Revised to status of June 25, 1946

ENG-C 24140
Sheet 8
TA-0, Bldg. ULR-130 (TA-21-1001 & TA-21-1002)
Permanent Warehouses
Heating & Plumbing
April 8, 1946
Revised to status of December 9, 1946

ENG-C 24141
Sheet 9
TA-0, Bldg. ULR-130 (TA-21-1001 & TA-21-1002)
Permanent Warehouses
Electrical wiring Plan and Details
April 8, 1946
Revised to status of September 25, 1956

ENG-C 24132
Sheet 1A
TA-0, Bldg. ULR-130 (TA-21-1001 & 21-1002)
Permanent Warehouses
Plot Plan and Utilities
October 21, 1946
Revised to status of June 4, 1947

ENG-C 36300
Sheet 1 of 4
(TA-21-1001 & 21-1002)
Records Service Center Vault
Plot & Utility Plan
September 8, 1950

ENG-C 24133
Sheet 1
TA-0, Bldg. ULR-130 (TA-21-1001)
Warehouse
180 7th Street
July 25, 1959

ENG-C 51629
Sheet 2 of 2
(TA-21-1001 & TA-21-1002)
LA Records Center & Archives
Fire Protection Maps
January 7, 1985
Revised to status of January 24, 1989

ENG-C 46370
Sheet 3 of 14
TA-21, Bldg. 1002
Weld School Addition
Arch.: Floor Plan & Elevations
June 5, 1992

TA-21-1002
Sheet A-1
Warehouse
Cold War Era Buildings
Historic Context
July 2006



TA-21-1002 Southeast Elevation



TA-21-1002 Southeast Elevation (Northeast to Southwest -1)



TA-21-1002 Southeast Elevation (Northeast to Southwest -2)



TA-21-1002 Southeast Elevation (Northeast to Southwest - 3)



TA-21-1002 Southeast Elevation (Northeast to Southwest - 4)



TA-21-1002 Southeast Elevation (Northeast to Southwest - 5)



TA-21-1002 Southeast Elevation (Northeast to Southwest -6)



TA-21-1002 Northeast and Northwest Elevations



TA-21-1002 Northwest Elevation



TA-21-1002 Northwest Elevation (Southwest to Northeast -1)



TA-21-1002 Northwest Elevation (Southwest to Northeast - 2)

FLOOR PLAN - W.P. NO. 3

SCALE 1/8" = 1'-0"

SECTION C-C

SCALE 1/2" = 1'-0"

SECTION A-A

SCALE 1/2" = 1'-0"

SECTION B-B

HEAD & JAMB SEC AT DOOR OPENING

SCALE 3" = 1'-0"

FLASHING DETAIL

SCALE 3" = 1'-0"

PLAN OF PIPE GUARD

SECTION D-D

SCALE 1/2" = 1'-0"

DATE	NO.	REVISIONS	BY	APPROVED
6/26/46	⑤	WIDEN CONC. COLUMN AND WALL	M.F.	
6/27/46	⑥	VERT. DIM. REVISED FOR 8"x8" BLOCK & 12" JOINTS	H.D.	
7/31/46	⑦	BRICK & REVEAL INSTALLED WITH HOLLOW CONC. BLOCK ROOF CONSTRUCTION CHANGED	H.D.	

U. S. ENGINEER OFFICE

SANTA FE, NEW MEXICO

PERMANENT WAREHOUSES

FLOOR PLAN & SECTIONS

BLDG. OUTER 150' - 0" x 72' - 0"

W.P. 1/2 SHEETS | SCALE AS SHOWN | SHEET NO.

OFFICE OF POST ENGINEER

APPROV. RECOMMENDED

FILE NO. SFE 601

A.S.F. DWG. NO. SFE 1-201-36

FRONT ELEVATION
(WAREHOUSE No 3)
SCALE 1/8" = 1'-0"

REAR ELEVATION
(WAREHOUSE No 3)
SCALE 1/8" = 1'-0"

END ELEVATION
(WAREHOUSE No 3)
SCALE 1/8" = 1'-0"

SECTION

TYPE 'D-5'

TYPE 'D-1' | TYPE 'D-2' | TYPE 'D-3' | TYPE 'D-4'

ELEVATION | SECT. A-A

CORBEL & VEGA DETAILS
SCALE 1" = 1'-0"

TYPE 'W-1' | TYPE 'W-2' | TYPE 'W-3' | TYPE 'W-4' | TYPE 'W-5'

DOOR & WINDOW SCHEDULE
SCALE 1/4" = 1'-0"

TYP. WALL DETAIL
(FLAKE STANDARD)
SCALE 1 1/2" = 1'-0"

COPING DETAIL
SCALE 1" = 1'-0"

SLIDING DOOR
TOOL ROOM
SCALE 1/4" = 1'-0"

SECT. THRU COUNTER
SCALE 1/2" = 1'-0"

TYP. DOOR DETAILS
SCALE 3/4" = 1'-0"

HEAD & JAMB DETAIL SIMILAR TO TYP. WAREHOUSE SASH

BOTTOM HINGED SASH DET.
SCALE 3" = 1'-0"

HEAD

JAMB

SILL

FILLE REMOVAL DOOR DETAIL TYPE D-5

& ROUGH OPENING FLUE REM. DOOR
SCALE 3/4" = 1'-0"

HEAD & JAMB DETAIL SIMILAR TO TYP. WAREHOUSE SASH

SIDE HINGED SASH AT COUNTER DR.
SCALE 3" = 1'-0"

SCALE 3" = 1'-0" SILL

TYP. DETAIL FOR WAREHOUSE SASH

HEAD

JAMB

SILL

PART PLAN CLERESTORY SCALE 3" = 1'-0"
(FIXED SASH)

DATE	NO.	REVISIONS	BY	APPROV.
3-9-44	2	ADDED FLUE REMOVAL DOOR DETAILS	FHM	
7-20-44	4	CHANGE IN SASH ASSEMBLY TO 5" CONC. CURB & CHANGE IN FINISHING HEIGHTS	FHM	9/19/44

U. S. ENGINEER OFFICE
SANTA FE, NEW MEXICO

PERMANENT WAREHOUSES
ELEVATIONS & DETAILS
BUILDING 130 TA-0

OFFICE OF DIST ENGINEER	SCALE AS SHOWN	SHEET NO. 3
SUBMITTED	RECOMMENDED	APPROVED
FILE NO. PE 4-3		

L.A.S.E. DWG. NO. ENG C 24135

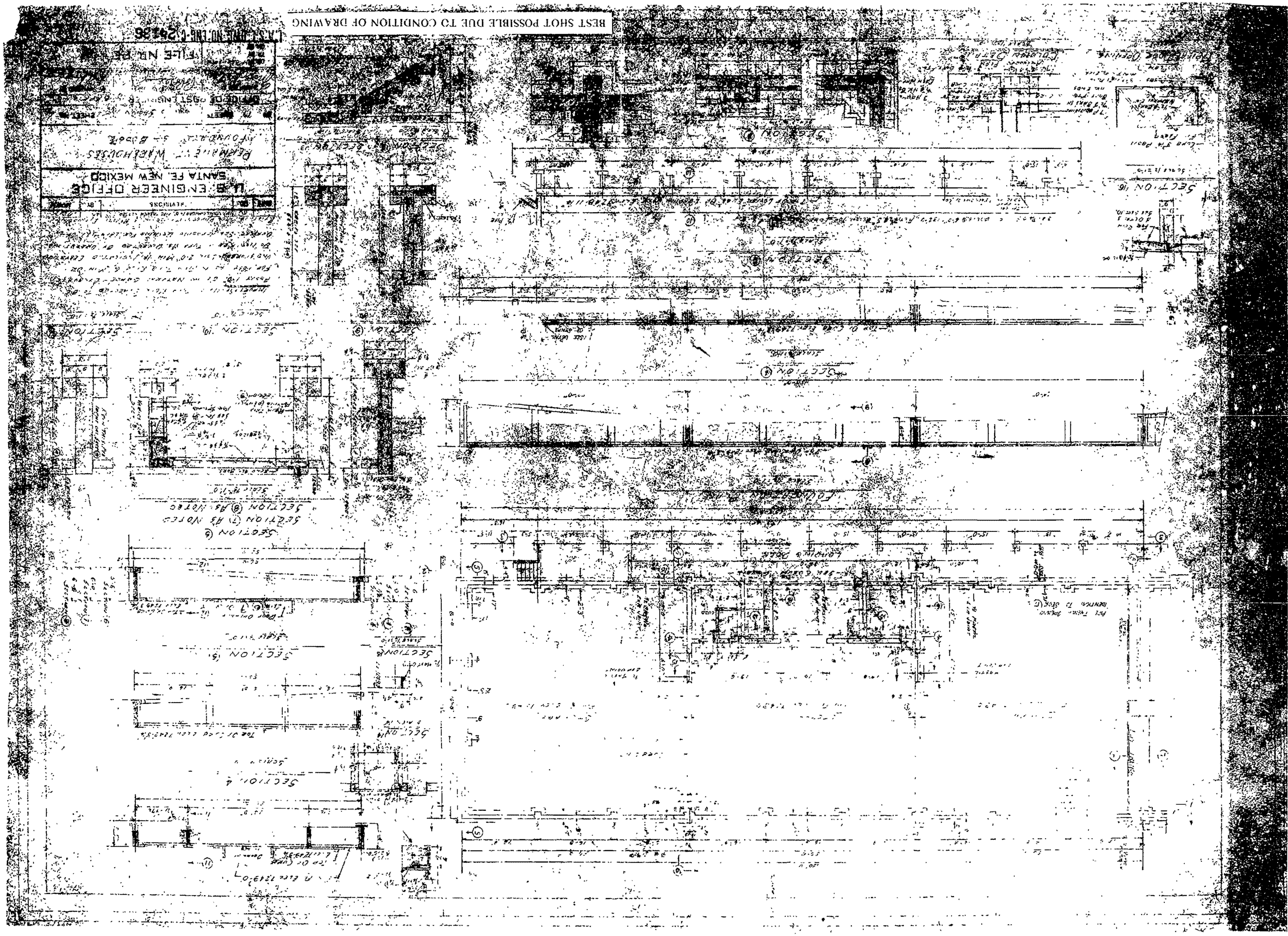
BEST SHOT POSSIBLE DUE TO CONDITION OF DRAWING

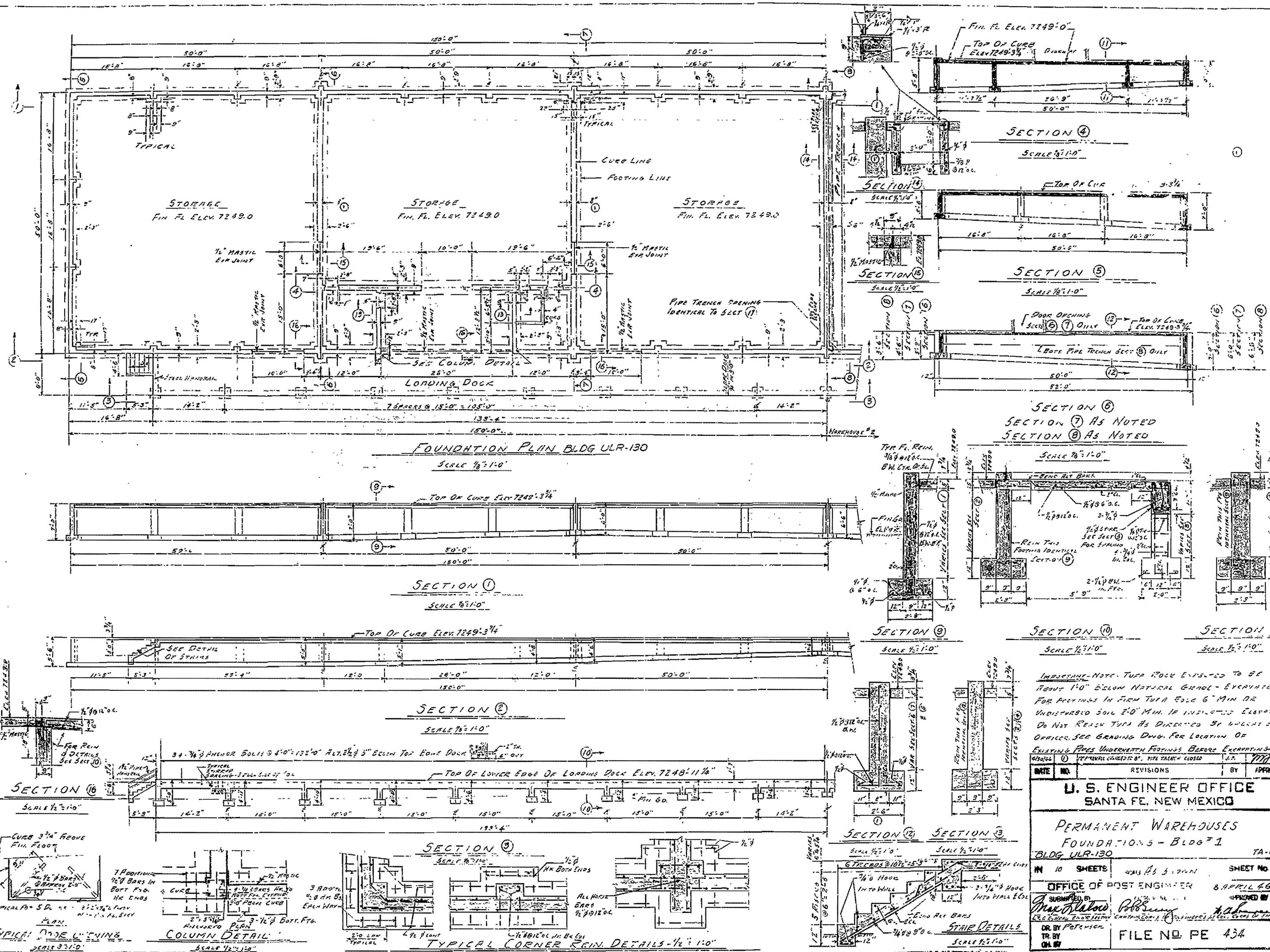
BEST SHOT POSSIBLE DUE TO CONDITION OF DRAWING

U.S. ENGINEER OFFICE
SANTA FE, NEW MEXICO

FILE NO. PR-[illegible]

U.S. DAM NO. ENG-[illegible]





IMPORTANT - NOTE - TUFF ROCK EXPOSED TO BE ABOUT 1'-0" BELOW NATURAL GRADE - EXCAVATE FOR FOOTINGS IN FIRM TUFF ROCK 6" MIN OR UNDISTURBED SOIL 2'-0" MIN. IF INDICATED ELEVATIONS DO NOT REACH TUFF AS DIRECTED BY LOCAL OWS OFFICER. SEE GRADING DWG. FOR LOCATION OF EXISTING PIPES UNDERNEATH FOOTINGS BEFORE EXCAVATING.

DATE	NO.	REVISIONS	BY	APPROV.
6/30/46	1	TEMPORARY CONCRETE BP. PIPE TRENCH CLOSED	J.F.	

U. S. ENGINEER OFFICE
SANTA FE, NEW MEXICO

PERMANENT WAREHOUSES
FOUNDATIONS - BLDG^T 1
BLDG. ULR-130 TA-0

IN 10 SHEETS — SHEET No. 5

OFFICE OF POST ENGINEER — 8 APRIL 46

SUBMITTED BY: Max Blalock — APPROVED BY: H.A.H.

DR. BY PEPERSON
TR. BY
CH. BY

FILE NO. PE 434

LAB JOB 3835 LASL, DWG. NO. ENG-C 24137

SECTION 4-4
SECTION 5-5
SECTION 6-6

SECTION 7-7

SECTION 88

ROOF FRAMING PLAN

PLAN OF STRUCTURAL ROOF SLAB

ROOF OPENINGS ②

COLG. COLM. PLAN ②

NOTE:
JOISTS SHOWN ARE BETHLEHEM LOADMASTER STEEL JOISTS. APPROVED ALTERNATES MAY BE USED.

DATE	NO.	REVISIONS	BY	APPROV.
9/25/40	②	DETAIL COMB. COLM. & COLM. BEAM.	MF	770
8/30/40	①	JOIST SPACING REVISED, CORRECTED ROOFING DETAILED	MA	770

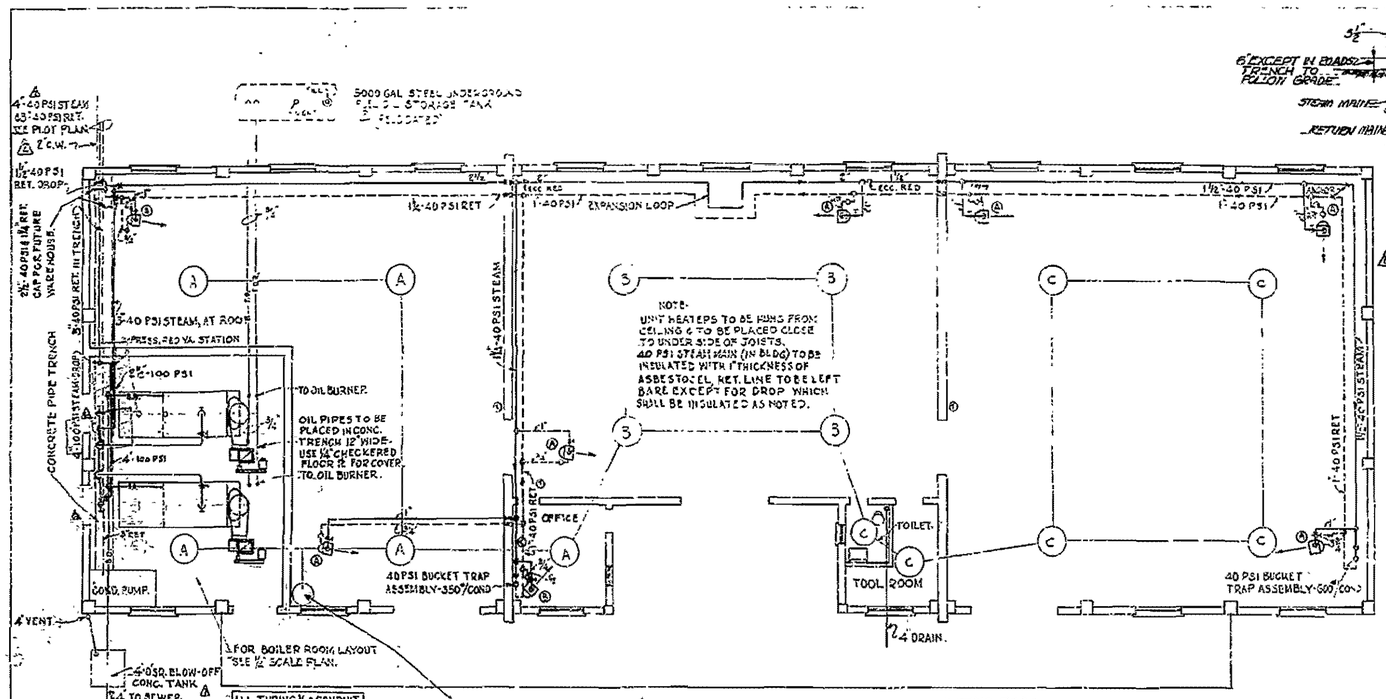
U. S. ENGINEER OFFICE
SANTA FE, NEW MEXICO

POST MARKET - WAREHOUSES
ROOF FRAMING PLAN AND DETAILS
FIDELITER 130 - 14.0

BY	SHEETS	SCALE AS SHOWN	SHEET NO.
		OFFICE OF POST ENGINEER	8 DRAWING

DRAWN BY [illegible] APPROVED BY [illegible]
TRACED BY [illegible] APPROVED BY [illegible]
CHECKED BY [illegible] FILE NO. FE 4

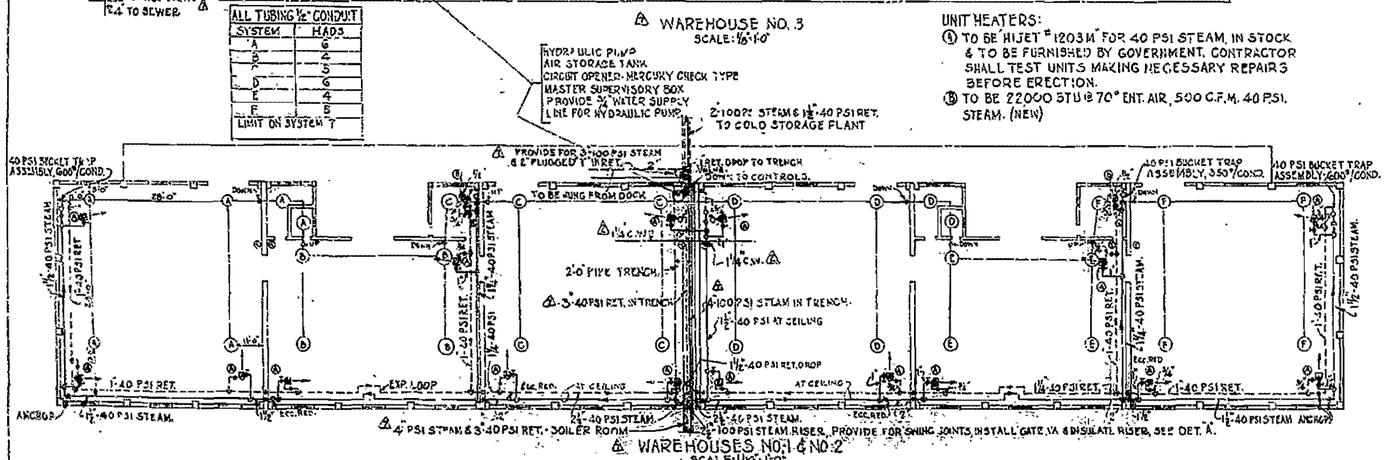
BEST SHOT POSSIBLE DUE TO CONDITION OF DRAWING



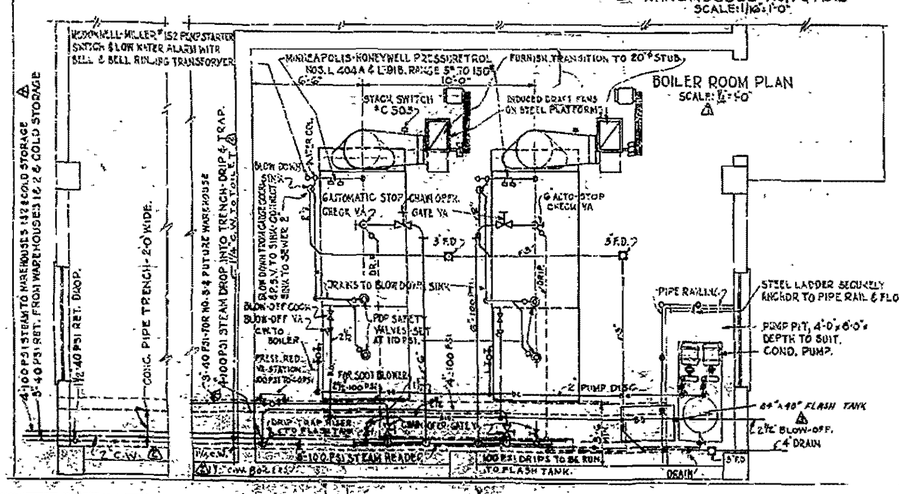
ALL TUBING ½" CONDUIT	
SYSTEM	HADS
A	6
B	4
C	5
D	6
E	4
F	5
LIMIT ON SYSTEM 7	

⚠ WAREHOUSE NO. 3
SCALE: ⅛"-1'0"

UNIT HEATERS:
① TO BE HILET "1203M" FOR 40 PSI STEAM, IN STOCK & TO BE FURNISHED BY GOVERNMENT. CONTRACTOR SHALL TEST UNITS MAKING NECESSARY REPAIRS BEFORE ERECTION.
Ⓑ TO BE 22000 BTU @ 70° ENT. AIR, 500 C.F.M. 40 PSI. STEAM. (NEW)



⚠ WAREHOUSES NO. 1 & NO. 2
SCALE: 1"-1'0"



NOTES:
THE BOILER SHALL BE A "533 KEWANEE, COMPLETE WITH H COLUMN STEEL SUSPENSION, POP SAFETY VALVES (SET AT 100 PSI) MANHOLES, STEAM GAUGE, WITH SYPHONS & COCKS, WATER COLUMN WITH GAUGE GLASS & COCKS, BUT LESS STEEL BASE, GRATES FIRING TOOLS. BOILER TO HAVE A NORMAL WORKING PRESSURE OF 100 PSI & TO HAVE A NOMINAL OIL FIRED RATING OF 108 HP. (BOILER FURNISHED BY GOVERNMENT)

RAY OIL BURNER-TYPE AR-JP, SIZE "5, FULLY AUTOMATIC OPERATION WITH INTERMITTENT ELECTRIC IGNITION. BURNER SHALL HAVE CAPACITIES AS FOLLOWS: JP-1.3 GPH, AR-10-33 GPH, OIL "3, 140,000 BTU/GAL. BURNER SHALL BE COMPLETE WITH PRIMARY CONTROL RELAY, AUXILIARY RELAY, THERMAL OVERLOAD PROTECTION, OIL STRAINER, CHECK VALVE, FURNACE MOUNTING PLATE, BALANCED DRAFT DOOR & FRAME, ELECTRIC TYPE COMPOUND FIRING, VISA FLAME COMBUSTION SAFETY CONTROL, ANTI-SYPHON VALVE & FOOT VALVE, M 904 A KOOLTROL. PROPER SAFETY CONTROLS SHALL BE INSTALLED WITH BURNER TO SHUT OFF INDUCED DRAFT FAN IN CASE OF FAILURE OF IGNITION OR OF FAN FAILURE TO OPERATE TO SHUT DOWN BURNER.

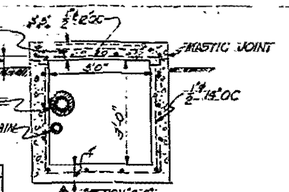
SOOT BLOWER-PROVIDE DIAMOND OR EQUAL, STEAM TYPE SOOT BLOWER FOR ATTACHMENT TO REAR FLUE DOOR OF BOILER & COMPLETE WITH FLEXIBLE ACCESSORIES TO PERMIT OPENING OF REAR BOILER DOORS WITHOUT REMOVAL OF BLOWER.

BLOW-OFF COCK- NORDSTROM, FIG. 114, SIZE 2½", OR EQUAL.
BLOW-OFF VALVE- CRANE FIG. 390, SIZE 2½" OR EQUAL.

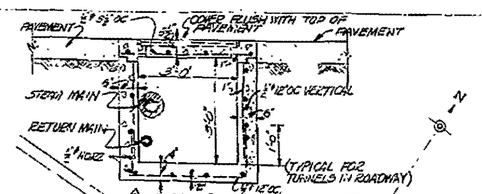
INDUCED DRAFT FAN SHALL BE A "AUTOVENT" TYPE H8-UNIT "3, OR EQUAL, 1560 C.F.M. 1" S.P. 1790 R.P.M. 2H.P. 220 V. 60 CY. 3 Φ MOTOR. UNIT SHALL BE SUITABLE FOR THE ABOVE BOILER WHEN OPERATING AT 150% RATING AT 7300 FT. ALTITUDE WHEN FIRED WITH OIL. UNIT TO BE SUPPORTED ON STEEL PLATFORM TO BE REACHED FROM FLOOR OF BOILER RM. BY A SUITABLE STEEL LADDER. MOTOR TO BE COMPLETE WITH MAGNETIC STARTER WITH OVERLOAD & UNDER VOLTAGE PROTECTION & P.B. STATION.

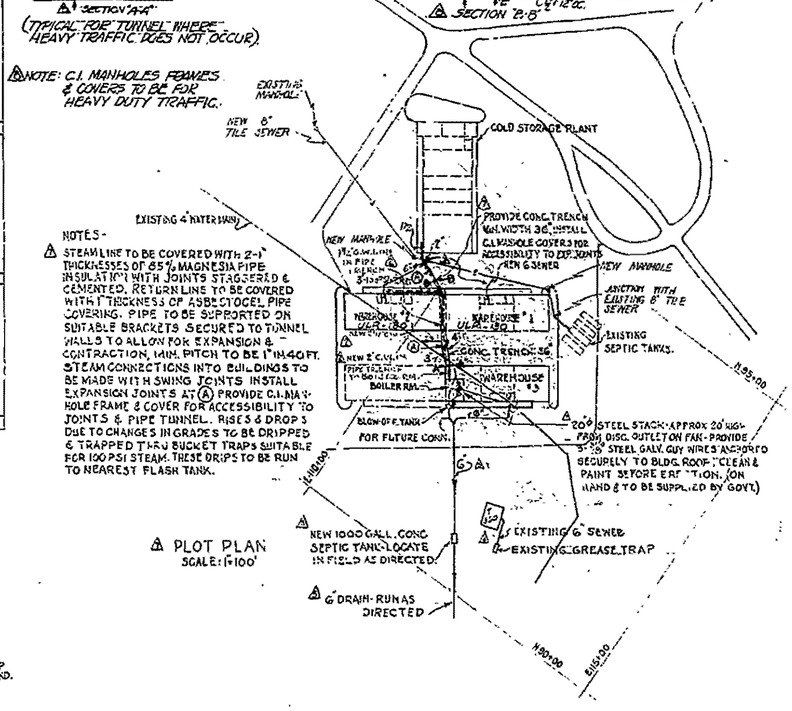
CONDENSATE PUMP SHALL BE A WHITTINGTON DUPLEX CONDENSATE UNIT NO. 52 18-5 "5902021, SIZE 40, 3600 R.P.M. 100# DISC. PRESS 3 H.P., 220 V, 60 CY, 3Φ MOTORS.

⚠ PROVIDE INJECTORS FOR EACH BOILER FOR AUXILLARY BOILER FEED.
⚠ EACH BOILER TO BE EQUIPPED WITH A COPES OR EQUAL BOILER FEED WATER CONTROL. BOILERS TO BE OPERATED TOGETHER OR SINGLE AS THE CONDITIONS WARRANT. RUN A C.W. LINE TO COND. PUMP & INSTALL AMPONNELL MILLER "147-2 COMB. FEEDER & L.W. CUT-OFF FOR MAKE UP WATER.
ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS & DRAWINGS. BRICK BOILER BASES & FIREBOXES FOR BOILER SHALL CONFORM TO DRAWINGS FURNISHED BY RAY OIL BURNER CO. ALL SIZES & ACCESSORIES SHOWN ON ANY PIECE OF EQUIPMENT SHALL APPLY UNLESS OTHERWISE NOTED.
STEAM HEADER SHALL BE SUPPORTED FROM ROOF. ALL PIPING TO BE SECURELY RUNG & ANCHORED TO STRUCTURE SO AS TO AVOID DAMAGE TO BUILDING. PROVIDE FOR TEMPERATURE & THRUST EXPANSION IN ALL PIPING CONNECTIONS. ALL PIPING IS DIAGRAMMATIC & SUBJECT TO RELOCATION IN THE FIELD. INSULATE BOILER, COVER STEAM, RETURNS, DRIPS, SUCTION & DISCHARGE PIPING.
⚠ FITTINGS, VALVES & PIPE FOR BOILER BLOW-OFF SHALL BE EXTRA HEAVY FOR 250 PSI.
⚠ REDUCTIONS IN STEAM LINE SHALL BE MADE BY ECCENTRIC REDUCERS.



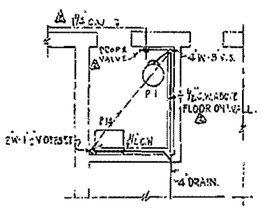
⚠ NOTE: C.I. MANHOLES FRAMES & COVERS TO BE FOR HEAVY DUTY TRAFFIC.



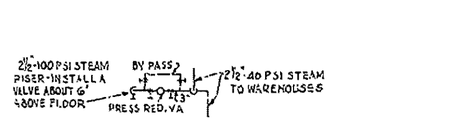


NOTES-
⚠ STEAM LINE TO BE COVERED WITH 2-1" THICKNESSES OF 85% MAGNESIA PIPE INSULATION WITH JOINTS STAGGERED & CEMENTED. RETURN LINE TO BE COVERED WITH 1" THICKNESS OF ASBESTOCEL PIPE COVERING. PIPE TO BE SUPPORTED ON SUITABLE BRACKETS SECURED TO TUNNEL WALLS TO ALLOW FOR EXPANSION & CONTRACTION, MIN. PITCH TO BE 1" IN 40 FT. STEAM CONNECTIONS INTO BUILDINGS TO BE MADE WITH H SWING JOINTS. INSTALL EXPANSION JOINTS AT Ⓐ. PROVIDE C.I. MANHOLE FRAME & COVER FOR ACCESSIBILITY TO JOINTS & PIPE TUNNEL. RISES & DROPS DUE TO CHANGES IN GRADES TO BE DRIPPED & TRAPPED THRU BUCKET TRAPS SUITABLE FOR 100 PSI STEAM. THESE DRIPS TO BE RUN TO NEAREST FLASH TANK.

⚠ PLOT PLAN
SCALE: 1"-100'



TOILET ROOM PLUMBING
SCALE: ½"-1'0"



PRESS. RED. VALVE STATION- DETAIL 'A'
⚠ 100 PSI TO 40 PSI

DATE	NO.	REVISIONS	BY	APPROV.
12/9/46	⚠	ADDED COPES FEEDER & H.D. "147-2 FEEDER & L.W. ARM.	RRR	
9/24/46	⚠	ADDED TUNNEL SECTIONS	RRR	
8/15/46	⚠	ADDED SECOND BOILER ECHNICO "2100PH	RRR	
8-9-46	⚠	ADDED 2 FLUE REMOVAL DOORS	W.H.	
7-29-46	⚠	ADDED NEW SEPTIC TANK	CRR	
7-25-46	⚠	REVISED SEWER FROM #3 & FUTURE WAREHOUSE	RRR	
5-3-46	⚠	ADDED FLASH TANK, REVISED SEWER	RRR	
5-15-46	⚠	REVISED WATER SERVICE TO WAREHOUSES	RRR	
4-18-46	⚠	ADDED NOTE RE. STUB STACK.	RRR	

U. S. ENGINEER OFFICE
SANTA FE, NEW MEXICO

PERMANENT WAREHOUSES
HEATING & PLUMBING
BLDG. ULR-130 TA-0

IN 10 SHEETS | SCALE AS SHOWN | SHEET No. 6

OFFICE OF POST ENGINEER 8 APRIL 1946

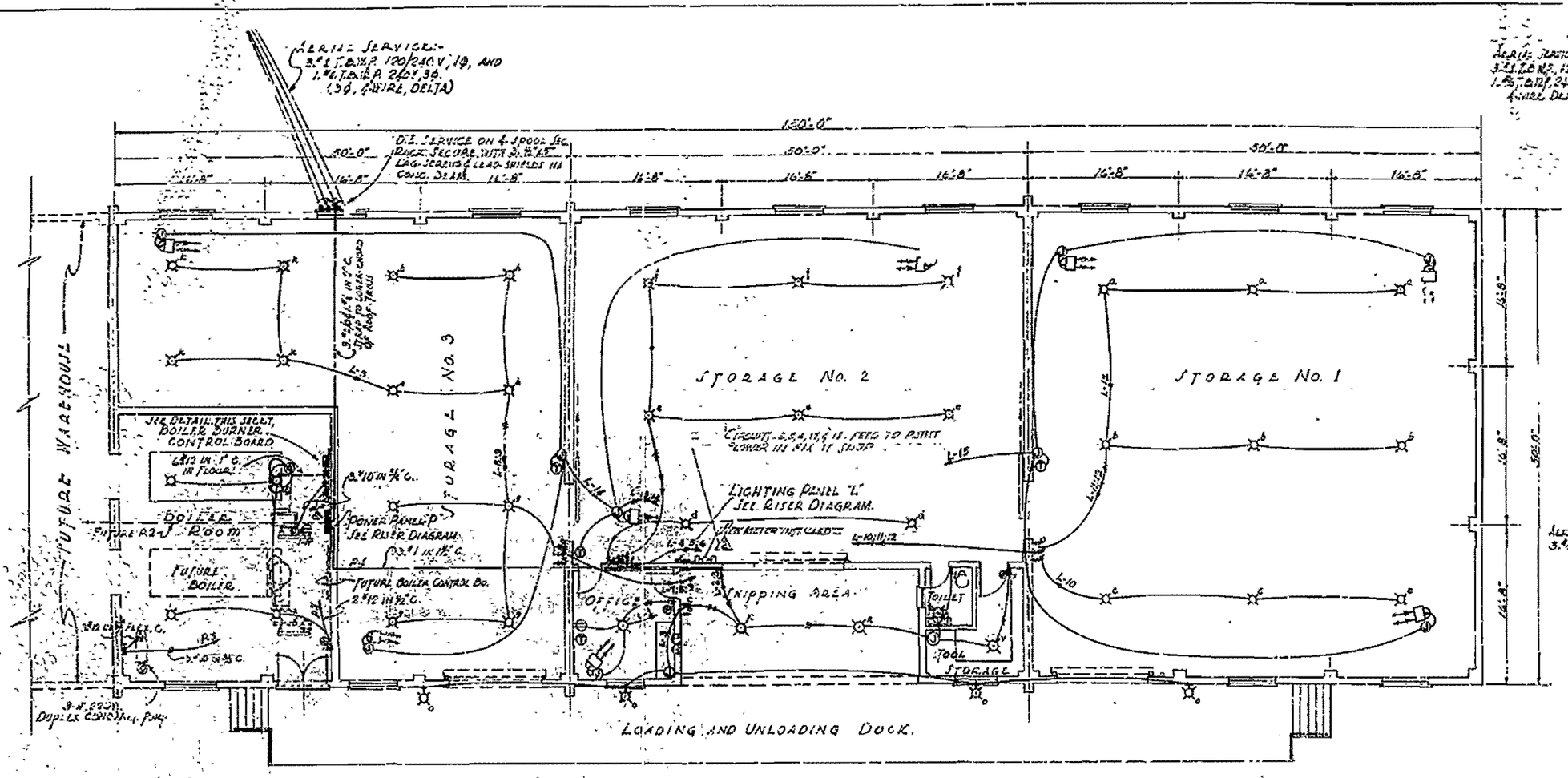
SUBMITTED | RECOMM'D | APPROVED BY

DR. BY RRR
TR. BY
CH. BY

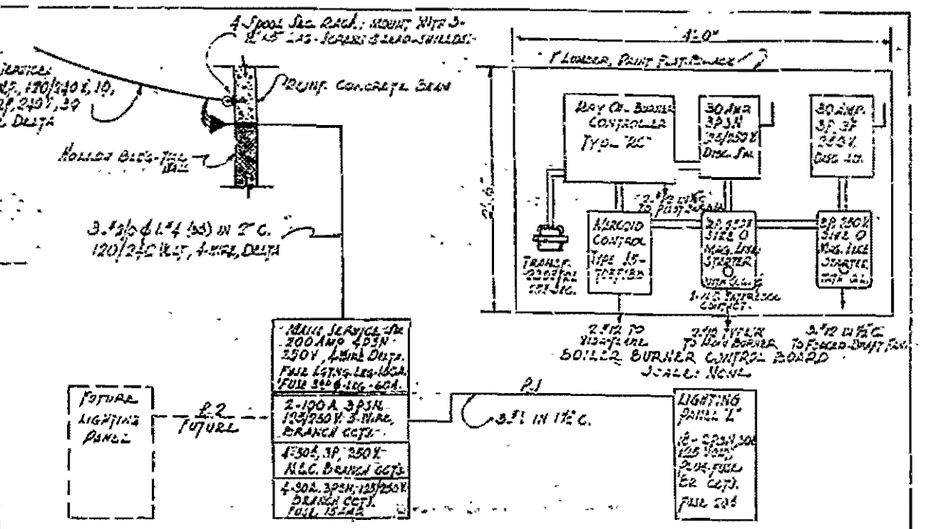
FILE NO. PE 434

RECEIVED FLOODED TO VAULT

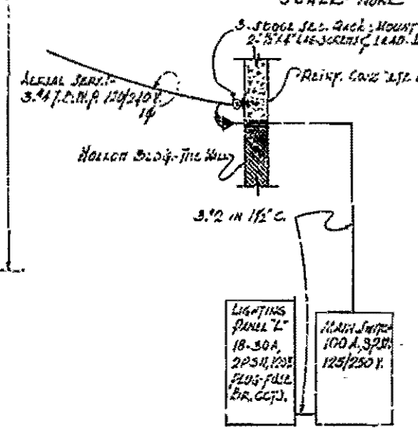
LAB JOB 3835 LASL DWG. NO ENG-C 24140



POWER AND LIGHTING PLAN & DETAILS
WAREHOUSE NO. 3.
SCALE: ⅛" = 1'-0"



ELECTRIC RISER DIAGRAM
WAREHOUSE NO. 3 ONLY.
SCALE: NONE

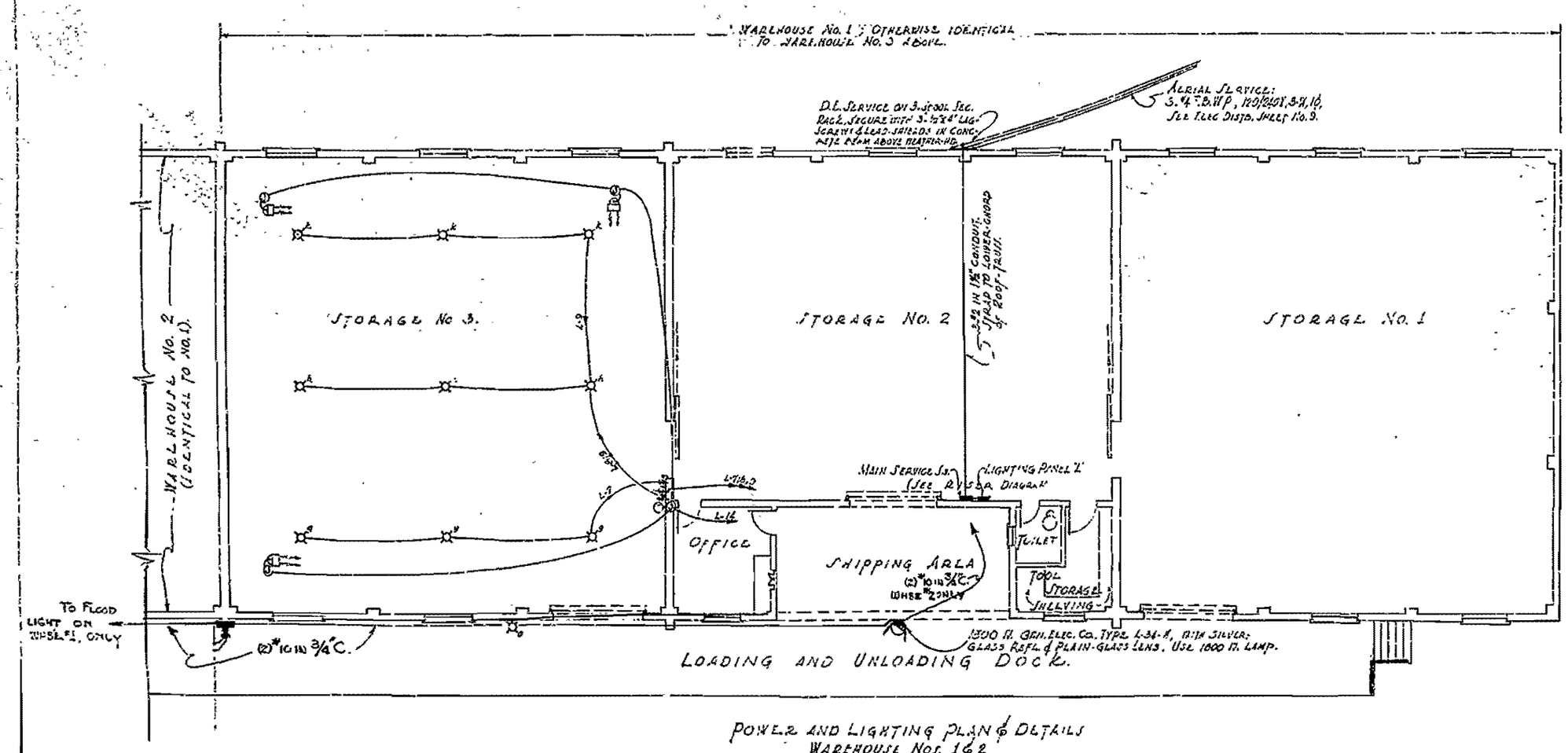


ELECTRIC RISER DIAGRAM.
WAREHOUSE NOS. 1 & 2.
SCALE: NONE.

ELECTRIC FIXTURE SCHEDULE.

ROOM DISCRIPTION.	TYPE	WATTS	MTNG HT.
STORAGE NO. 1	I-5	300	13'-0"
STORAGE NO. 2	G2212	300	14'-6"
STORAGE NO. 3 THSE. NO. 3	G2220	200	13'-0"
STORAGE NO. 3 WHSE. NOS 1&2	I-5	300	13'-0"
BOILER ROOM	G2220	200	13'-0"
SHIPPING AREA	I-4	200	CLNG.
OFFICE	B	200	9'-0"
TOILET	CAS.	60	9'-6"
TOOL STORAGE	G2208	100	11'-0"
EXTERIOR	G.	100	10'-0"

NOTE:
FIXTURE NOS. IN ABOVE SCHEDULE ARE GOODRICH ELECTRIC CO. CAT. NOS. OR EQUAL.



POWER AND LIGHTING PLAN & DETAILS
WAREHOUSE NOS. 1 & 2
SCALE: 1/8" = 1'-0"

NOTES.

1. WIRING SHALL BE INSTALLED IN CONFORMITY WITH 1940 EDITION OF NAT. ELEC. CODE AND SUBSEQUENT ADDENDA.
2. WIRING RUNS IN SPACE STORAGE NOS 1, 2 AND 3 TO BE NO 10 IN ELEC-METALLIC TUBING IN 3/4 ALLED EXPOSED STRAPPED TO LOWER CHORD OF ROOF TRUSS. RUNS IN BOILER ROOM TO BE NO. 12 IN E.M.T. INSTALLED IN A LIKE MANNER, UNLESS OTHERWISE NOTED.
3. ALL DISCONNECT SWITCHES AND DISTRIBUTION PANELS TO BE SURFACE MOUNTING TYPE.
4. WIRING RUNS IN OFFICE, SHIPPING AREA, TOILET, TOOL STORAGE AND LOADING DOCK SHALL BE NO. 12 IN GALV. RIGID CONDUIT CONCEALED IN WALLS AND CEILING.
5. WALL RECEPTACLES SHALL BE 15 AMP. 125 VOLT FLUSH MOUNTED 12" ABOVE FIN. FLOOR EXCEPTION: COMBINATION WALL SWITCH AND RECEPTACLE TO BE MOUNTED 4'-6" ABOVE FIN. FLOOR.
6. WALL SWITCHES FOR LIGHTS IN STO. NOS 1, 2 & 3 SHALL BE 20 AMP. 120 VOLT SURFACE MOUNTED 4'-6" ABOVE FIN. FLOOR; AT ALL OTHER LOCATIONS 15 AMP. 120 VOLT FLUSH MOUNTED 4'-6" ABOVE FIN. FLOOR EXCEPT BOILER ROOM WHICH SHALL BE SURFACE MTD.
7. RUNS TO STEAM-FIRED UNIT HEATERS SHALL BE NO. 12 IN E.M.T. TERMINATED IN 4" OCTAGON PULL BOX WITH BLANK COVER, ADJACENT TO UNIT HEATER. CONTINUE RUN TO MOTOR WITH 2-#12 IN ½" FLEXIBLE CONDUIT. THERMOSTATS SHALL BE 10 AMP. 115-230 VOLT, MINN-HONEYWELL TYPE T6822 OR EQUAL, MOUNTED 5'-0" UP.
8. REFER TO SHEET NO. 10 THIS SET OF DOCS. FOR ELEC. DISTR. DETAIL.
9. REFER TO SHEET NO. 11, P.E. FILE NO. 350, ADDITION TO BOILER HOUSE, FOR WIRING DIAGRAM AND CONTROLS OF BOILER. EXCEPTION: ADD SOLENOID VALVE IN STEAM SUPPLY LINE TO UNIT HEATER, FOR FORCED DRAFT FAN TO OPERATE SIMULTANEOUSLY WITH MAIN BURNER MOTOR.
10. FIXTURES TO BE SUSPENDED FROM OUTLET BOX AT CEILING COVERS ON THE CONDUIT STEMS, EXCEPT OFFICE FIXTURE TO BE SUSPENDED WITH LINK-CHAIN.

LEGEND

- CEILING LIGHT FIXTURE OUTLET
- WALL BRACKET LIGHT FIXTURE OUTLET
- DUPLEX CONVENIENCE OUTLET
- 4" OCTAGON JUNCTION BOX WITH BLANK COVER
- THERMOSTAT - SEE NOTES
- STEAM FIRED UNIT HEATER. FRACTIONAL HP MOTOR.
- MOTOR, SIZE, VOLTAGE, PHASE INDICATED.
- TUMBLER WALL SWITCH (SUB-SCRIPT INDICATES WATER CONTROLLED)
- COMBINATION WALL SW. & DUPLEX CONV. OUTLET.
- IDENTIFIED POWER OR LIGHTING CIRCUIT RUN
- FUSED DISCONNECT SWITCH SIZE SHOWN
- POWER OR LIGHTING CIRCUIT DISTR. PANEL.

DATE	NO.	REVISIONS	BY	APPROV.
9-25-46	2	NEW ELECTRIC METER INSTALLED.	CF&C.	
6-10-46	1	FLOODLIGHTS FOR COLD STORAGE PLANT ADDED	P.J.G.	

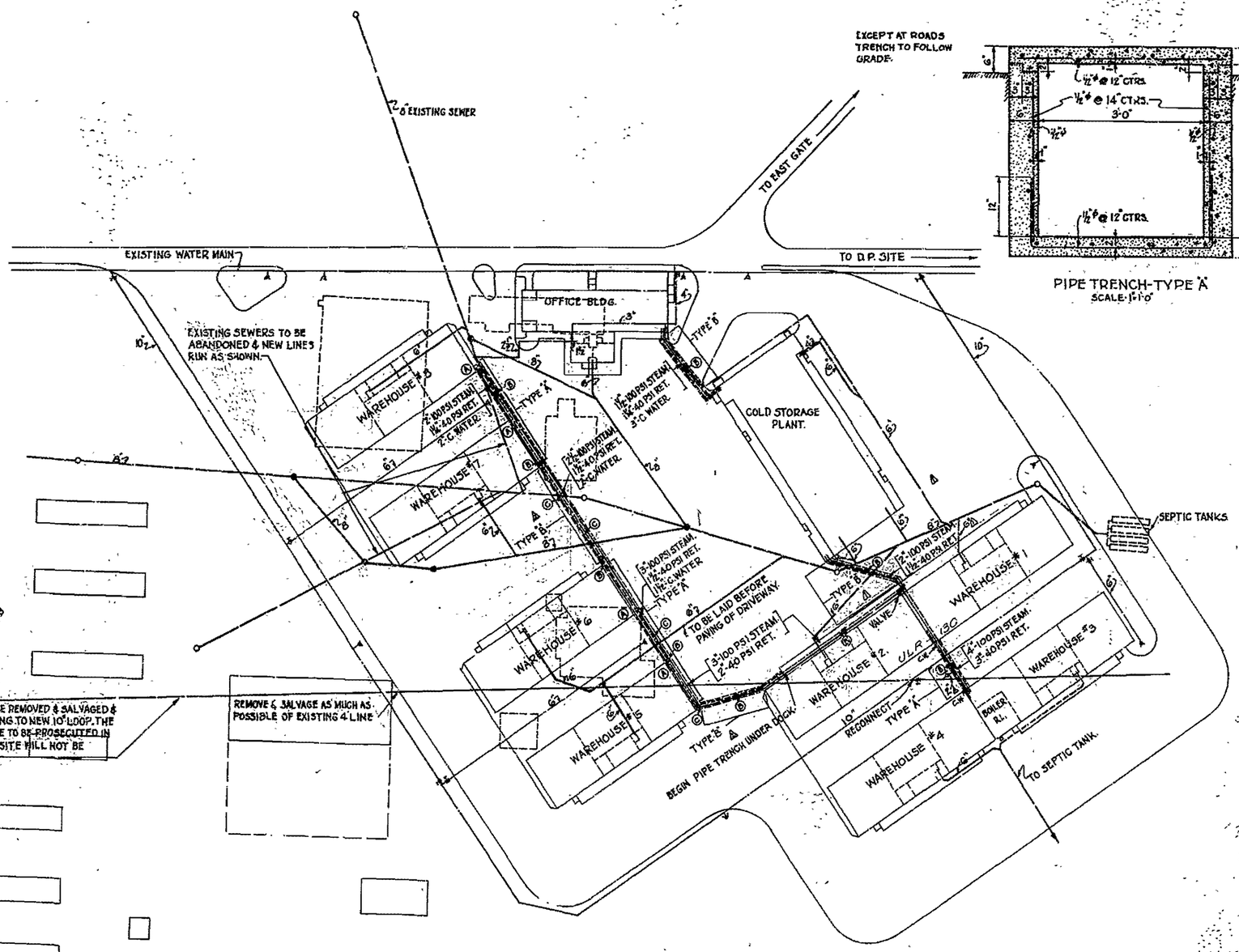
U. S. ENGINEER OFFICE
SANTA FE, NEW MEXICO

PERMANENT WAREHOUSES
ELECTRICAL WIRING PLAN AND DETAILS

BLDG. ULR-130 TA-0

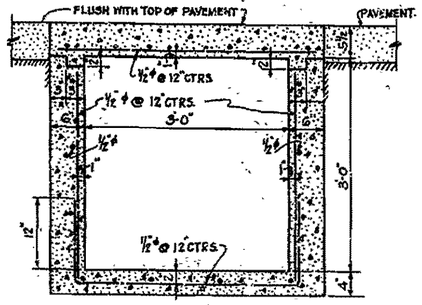
IN 10 SHEETS	SCALE: As Noted	SHEET No. 9
OFFICE OF POST ENGINEER		8 APRIL, 1946
SUBMITTED BY: Brad Hatton, Chief, Engr. Div.	APPROVED RECOMMD: P.P. Quinn, Capt., Corps of Engineers	APPROVED BY: A. A. Fries, Lt. Col., Corps of Engineers
DR. BY J.H. TR. BY CH. BY J.H.	FILE NO. PE 434	

LAB JOB 3835 L.A.S.L. DWG. NO. ENG-C 2414



PLOT PLAN.
SCALE-1"=50'

PIPE TRENCH-TYPE 'A'
SCALE-1"=1'-0"



PIPE TRENCH-TYPE 'B'
SCALE-1"=1'-0"

GENERAL NOTES

⊄ EXISTING FIRE HYDRANTS TO BE REMOVED.
⊄ NEW FIRE HYDRANTS.
—O— EXISTING SEWERS & MANHOLES.
—●— NEW SEWERS & MANHOLES.

100 PSI STEAM LINE IN TRENCH TO BE INSULATED WITH 2-1" THICKNESSES OF 85% MAGNESIA PIPE COVERING WITH JOINTS STAGGERED & CEMENTED. RETURN LINE IN TRENCH TO BE INSULATED WITH 1" THICKNESS OF ASBESTOCEL PIPE COVERING. STEAM & RETURN LINES IN TRENCH, AFTER INSULATION HAS BEEN APPLIED, TO BE WEATHER-PROOFED BY WRAPPING OF 30# FELT, SEALING JOINTS WITH ASPHALT. PIPES TO BE SUPPORTED ON WALL BRACKETS IN TRENCH & HUNG FROM UNDERSIDE OF DECK IN SUITABLE HANGERS ALLOWING FOR EXPANSION & CONTRACTION. MIN. PITCH 1" IN 40'. FURNISH & SET PIPE SLEEVES AS REQUIRED. CONNECTIONS INTO THE WAREHOUSES TO BE MADE BY SWING JOINTS. AT Ⓐ PLUGGED TEES TO BE PLACED IN THE STEAM, RETURN & WATER MAINS IN TRENCH FOR FUTURE CONNECTIONS. AT Ⓑ FURNISH & INSTALL EXPANSION JOINTS, STANDARD TRAVERSE, SUITABLE FOR 100 & 40 PSI STEAM, WHERE RISES OR DROPS OCCUR IN STEAM MAIN DUE TO CHANGE IN GRADE, SAME TO BE DRIPPED & TRAPPED. TRAPS TO BE OF THE INVERTED BUCKET TYPE FOR 100 OR 40 PSI AS REQUIRED. DRIPS FROM THE 100 PSI STEAM TRAPS TO BE RUN TO THE NEAREST FLASH TANK BEFORE CONNECTING TO THE 40 PSI RETURN. FOR STEAM & RETURN CONNECTIONS FOR WAREHOUSE #4 SEE SHEET #8 OF FILE # PE-434. FOR STEAM & RETURN CONNECTIONS & HEATING LAYOUT PLAN FOR WAREHOUSES #5 TO #8 INC. SEE SHEET # FILE #

AT Ⓑ & Ⓒ PROVIDE CAST IRON MANHOLE FRAMES & COVERS SAME TO BE OF THE HEAVY DUTY TYPE.

COLD WATER SERVICE LINES TO BE RUN IN TRENCH AS SHOWN & IS TO BE INSULATED WITH 1" THICKNESS OF WOOL FELT & WEATHER-PROOFED.

DATE	NO	REVISIONS	BY	APPROV.
6-4-47	Δ	CHANGED STEAM TRENCH TYPE.		
12-9-46	Δ	CORRECTED TO SHOW WATER & SEWER AS BUILT.		TYD

U.S. ENGINEER OFFICE
SANTA FE, NEW MEXICO

PERMANENT WAREHOUSES

PLOT PLAN AND UTILITES

BLDG ULR-130 TA-0

IN SHEETS	SCALE	SHEET NO. 1A
OFFICE OF POST ENGINEER		10-21-1946

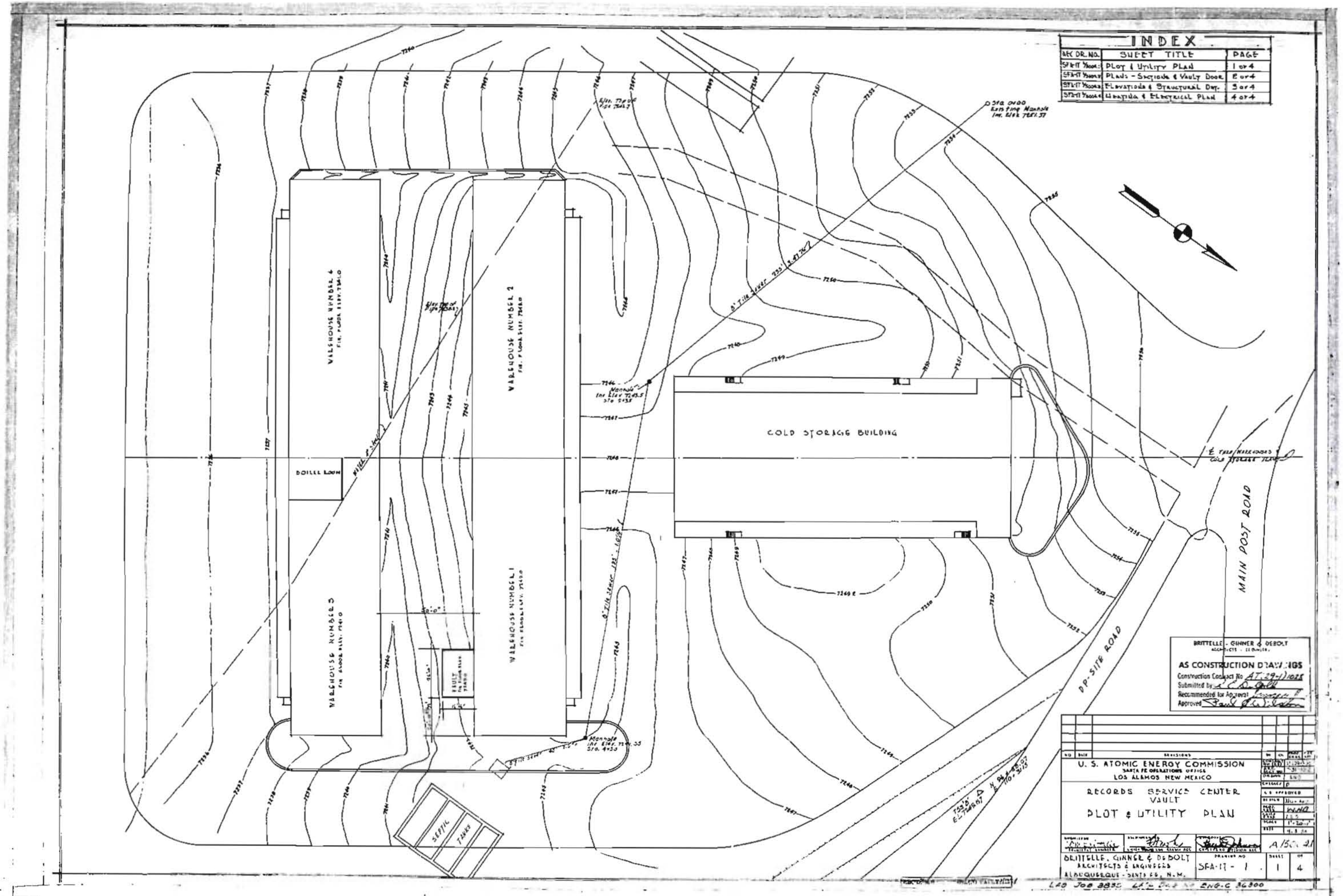
SUBMITTED BY	APPROV. RECOM.	APPROVED BY
HEAD ENGRG SECTION	MAJ., CORPS OF ENGINEERS	COL., CORPS OF ENGRS

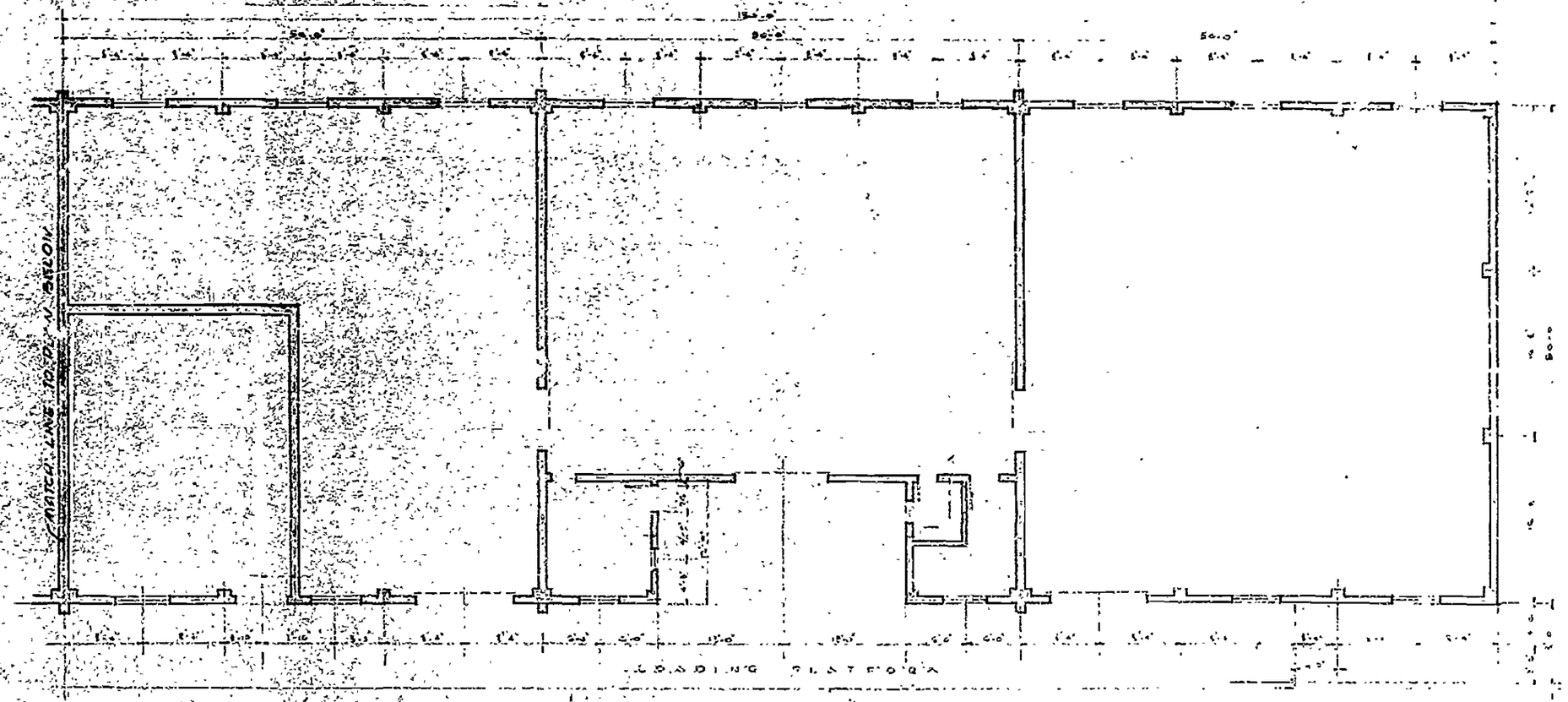
DR. BY
TR. BY
CH. BY .RRR

FILE NO. PE 434

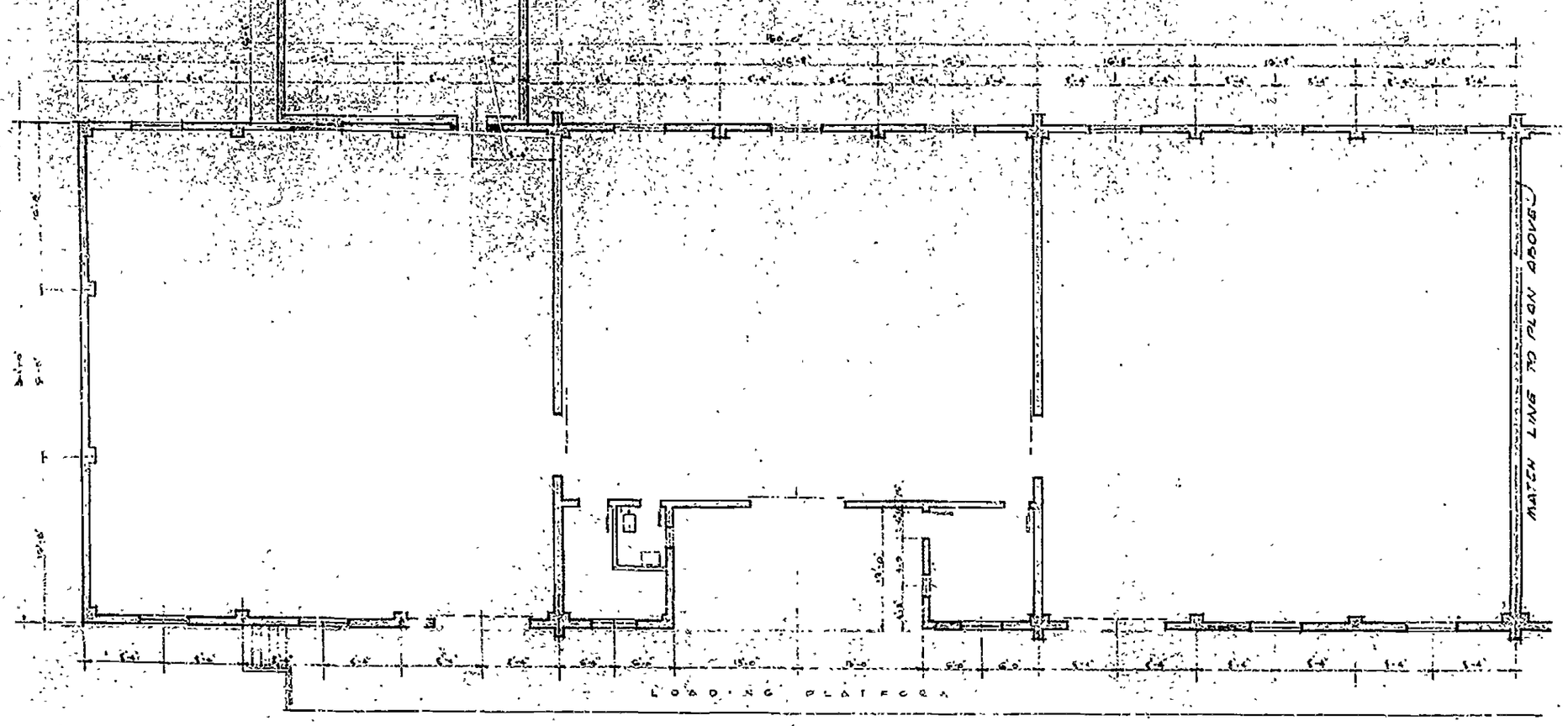
SUPERSEDES DRWG. DATED 2-13-1946

IAB JOB 3855 IASL. DWG. NO. ENG-C 24132


INDEX
ARC DR. NO. | SHEET TITLE | PAGE
SF-17 Y600E: PLOT & UTILITY PLAN | 1 of 4
SF-17 Y600F: PLANS - SECTIONS & VAULT DOOR | 2 of 4
SF-17 Y600G: ELEVATIONS & STRUCTURAL DET. | 3 of 4
SF-17 Y600H: HEATING & ELECTRICAL PLAN | 4 of 4
COLD STORAGE BUILDING
WAREHOUSE NUMBER 1
WAREHOUSE NUMBER 2
WAREHOUSE NUMBER 3
WAREHOUSE NUMBER 4
BOILER ROOM
VAULT
SEPTIC TANKS
MAIN POST ROAD
DP-SITE ROAD
BRITTELLE - GINNER & DEBOLT
AS CONSTRUCTION DRAWINGS
Construction Contract No. AT-(29-1)1025
Submitted by
Recommended for Approval
Approved
U. S. ATOMIC ENERGY COMMISSION
SANTA FE OPERATIONS OFFICE
LOS ALAMOS NEW MEXICO
RECORDS SERVICE CENTER
VAULT
PLOT & UTILITY PLAN
BRITTELLE, GINNER & DeBOLT
ARCHITECTS & ENGINEERS
ALBUQUERQUE - SANTA FE, N.M.
SFA-17 - 1
A/50.21
1 4
LAO JOB 3835 ENG-C 36300



- PLAN -
1/8" = 1'-0"



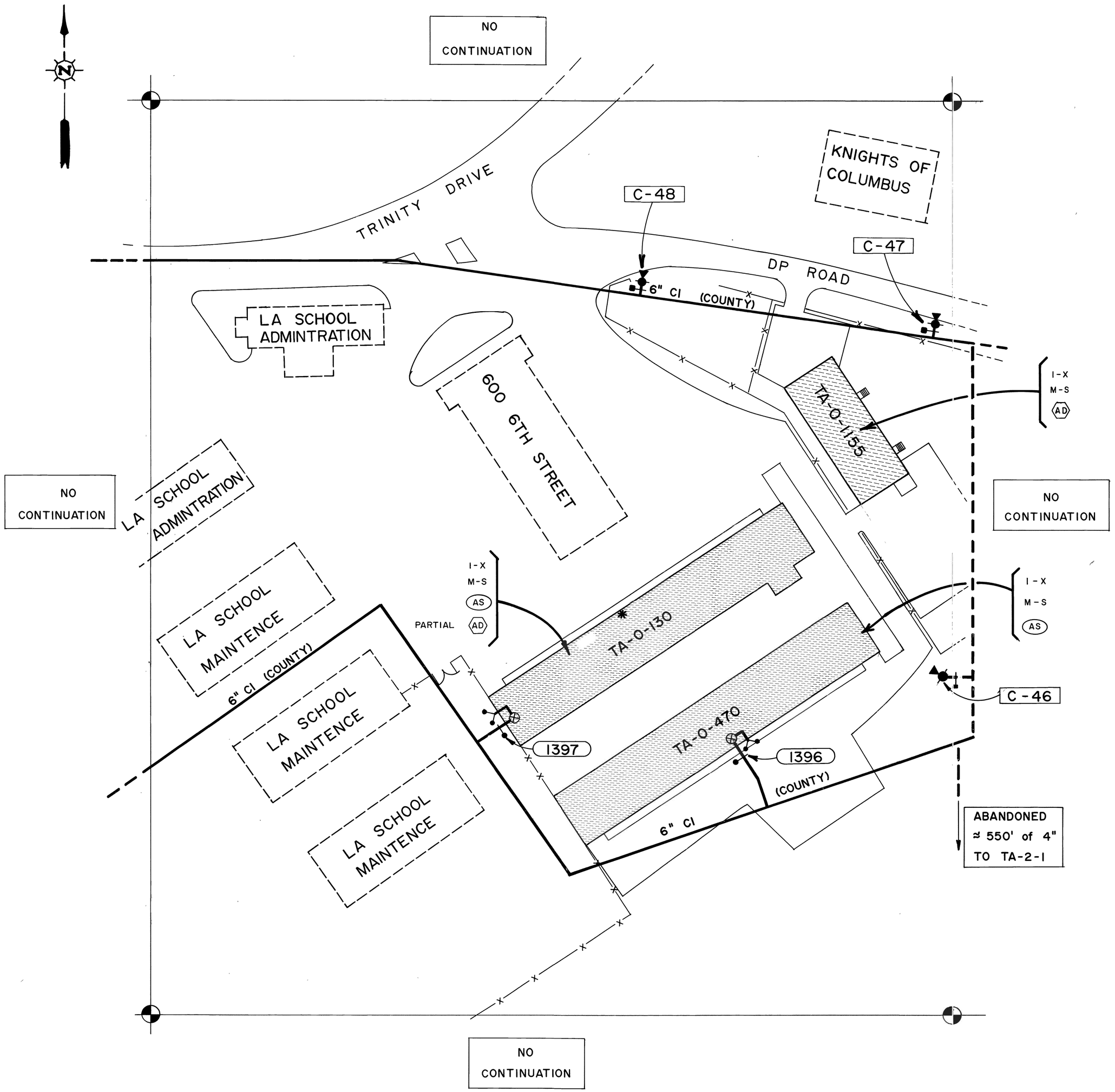
- PLAN -
1/8" = 1'-0"

NORTH

NOTE:- FOR CONSTRUCTION SEE ORIGINAL PLANS.

U. S. ATOMIC ENERGY COMMISSION	LOS ALAMOS, NEW MEXICO	
	WAREHOUSE BLDG. ULR-180, TA-0 180-7TH STREET	DRAWING NO.
	LOS ALAMOS, N. M.	DRAWN
		CHECKED
	THE ZIA COMPANY	DATE JULY 24 '52
	SUBMITTED / RECOMMENDED / APPROVED	SHEET 1 OF 1 SHEETS
REVISIONS		

BEST SHOT POSSIBLE DUE TO CONDITION OF DRAWING C.A.S.I. DWG. NO. ENG-C 24133



50' 25' 0 50' 100' 150' 200'

SCALE

REV.	DATE	REVISION	BY	CKD.	APP
1	1-24-89	ADDED MUSEUM WAREHOUSE (TA-0-1155)	RWR		

UNIVERSITY OF CALIFORNIA
Los Alamos National Laboratory
Los Alamos, New Mexico 87545

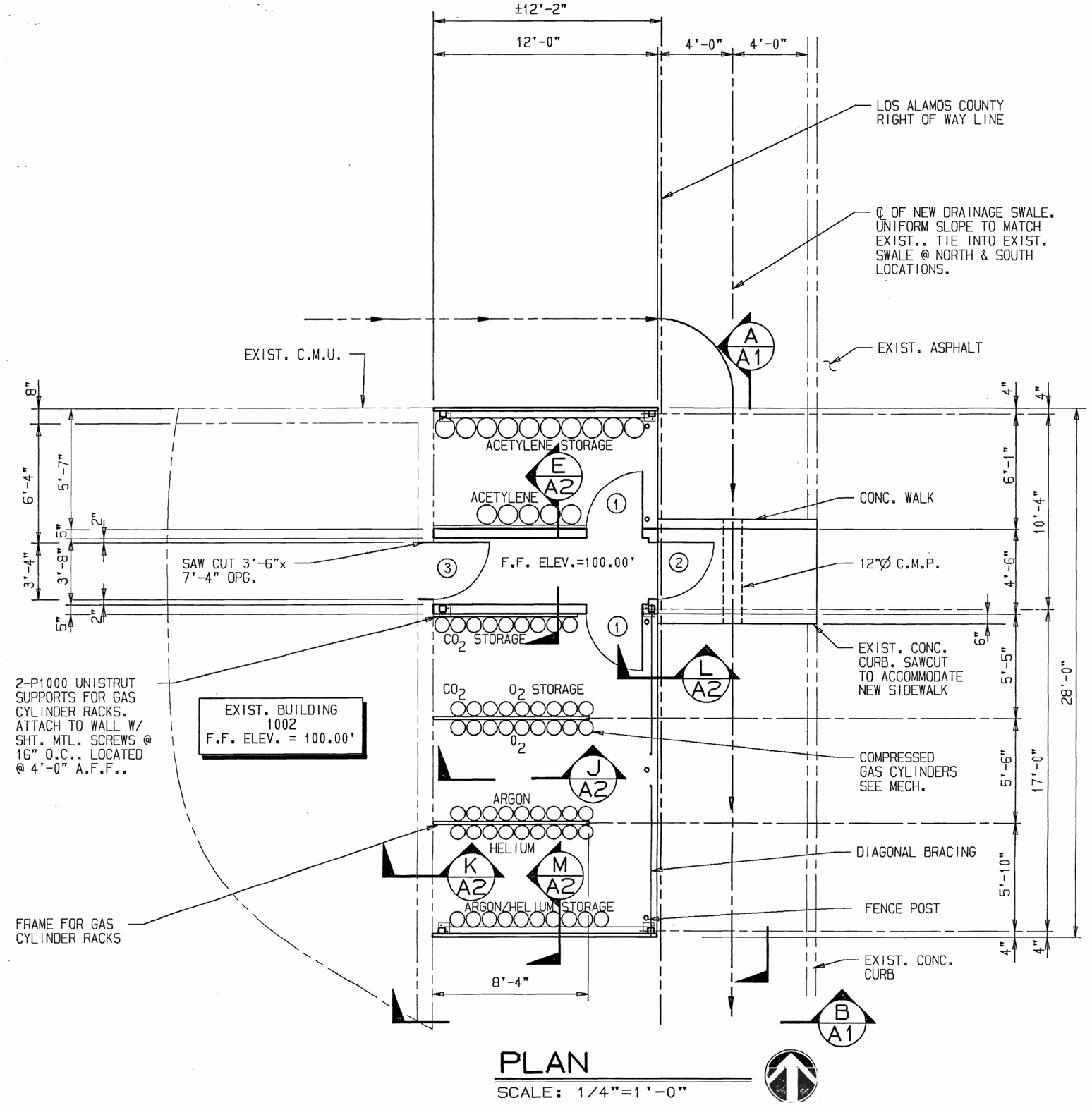
FACILITIES ENGINEERING DIVISION

FIRE PROTECTION MAPS
LA RECORDS CENTER & ARCHIVES

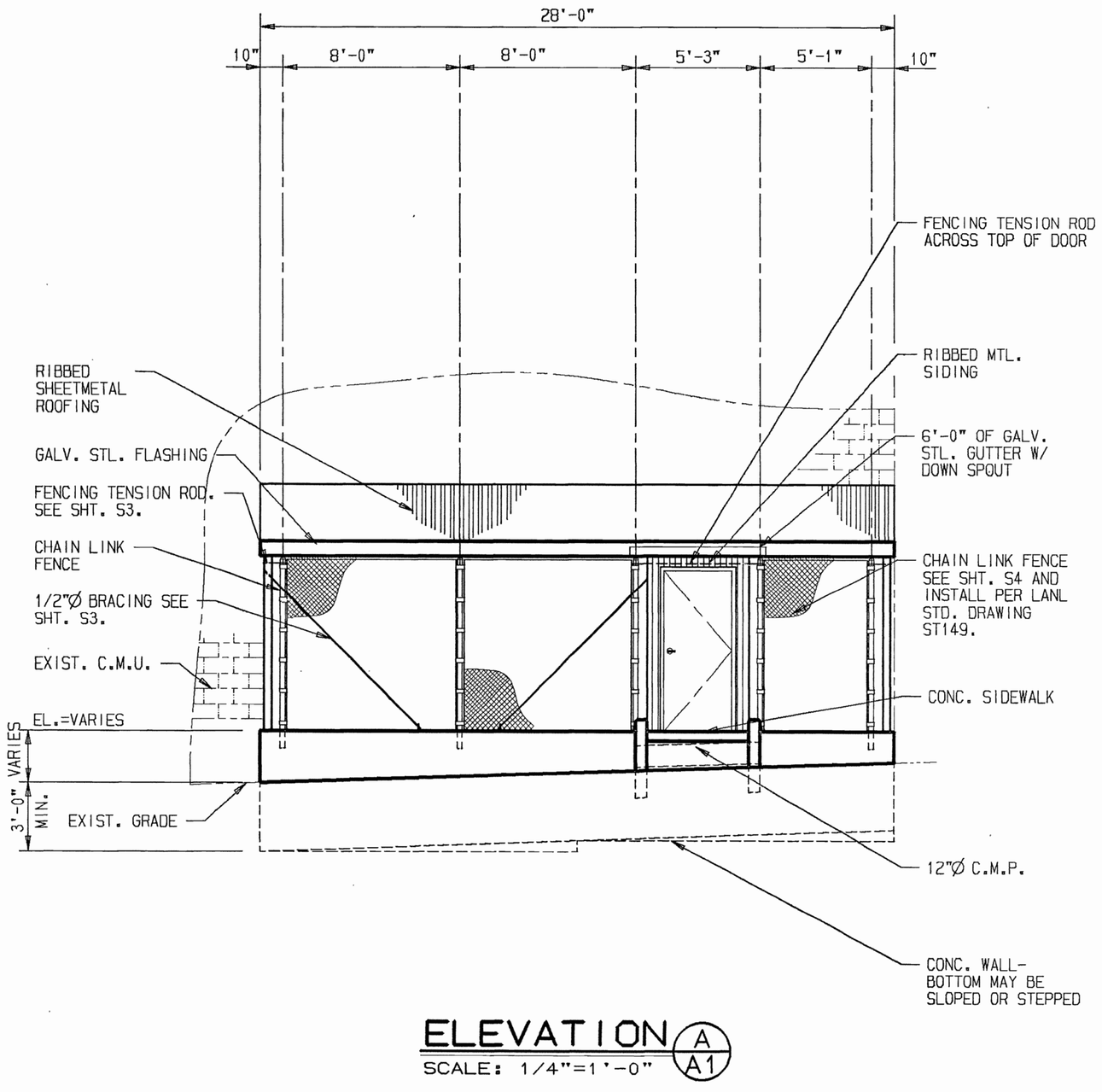
SEC. CLASSIFICATION: CLASS U
REVIEWER RAH
DATE 9/12/85

	SUBMITTED	RECOMMENDED	APPROVED
	J R Bowdon	J R Bowdon	RAH
DRAWN	Richard W Pearson	DATE 01/07/85	SHEET NO. 2 OF 2
CHECKED	J R Bowdon		DRAWING NO. ENG-FM-LARC-01

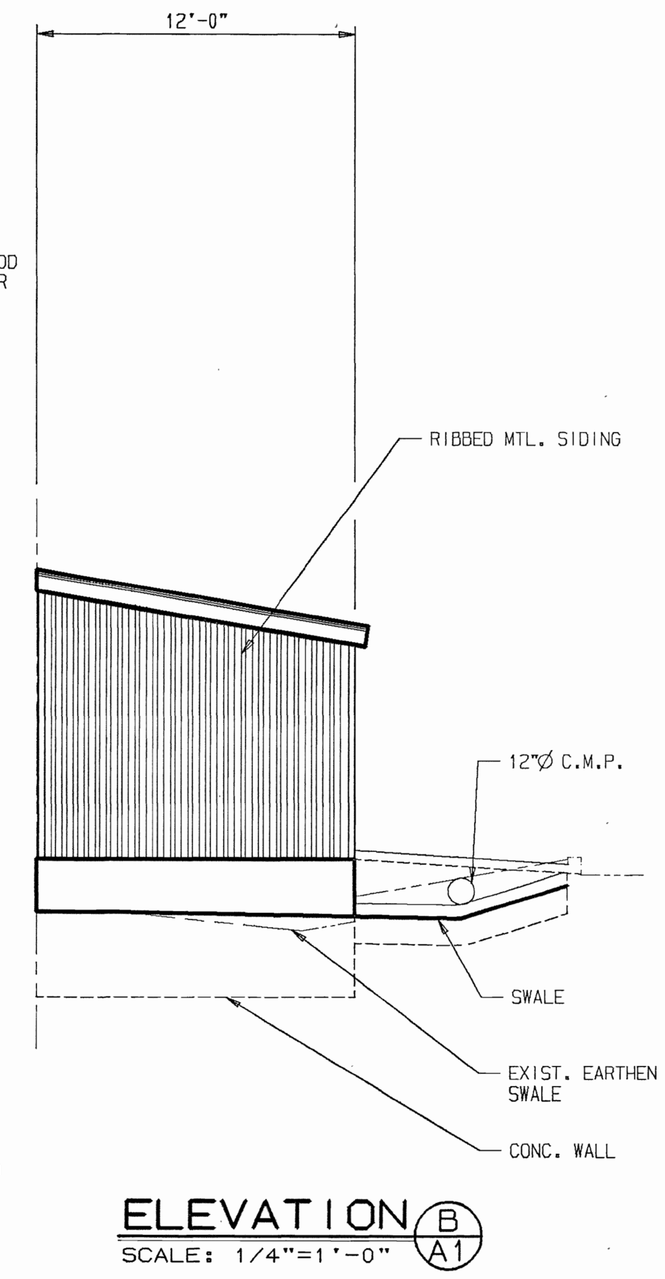
ENG C 51629



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



ELEVATION A A1
SCALE: 1/4"=1'-0"



ELEVATION B A1
SCALE: 1/4"=1'-0"

LEGEND
- EXISTING FEATURES
- NEW UNDERGROUND FEATURES
- NEW FEATURES

GRAPHIC SCALE
4' 2' 0 4' 8'
1/4" = 1'-0"

NO.	DATE	CLASS REV.	REVISIONS	DWN	DES	REL	REQ GRP	REQ D.O.	REC	APP

JOHNSON CONTROLS WORLD SERVICES INC.

WELD SCHOOL ADDITION

ARCH.: FLOOR PLAN & ELEVATIONS

DRAWN	KEVIN LUCERO
DESIGN	KEVIN LUCERO
CHECKED	BOB TALLARICO
RELEASED	BOB TALLARICO
DATE	6-5-92

BLDG. 1002 TA-21

SUBMITTED KEVIN LUCERO | RECOMMENDED LAMAR NOWLAND | APPROVED ELIZABETH MARTINEZ

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET A1 3 OF 14

CLASSIFICATION: UNC. REVIEWER: D. VIGIL DATE 6/5/92

PROJECT IDENTIFICATION NO. 12500

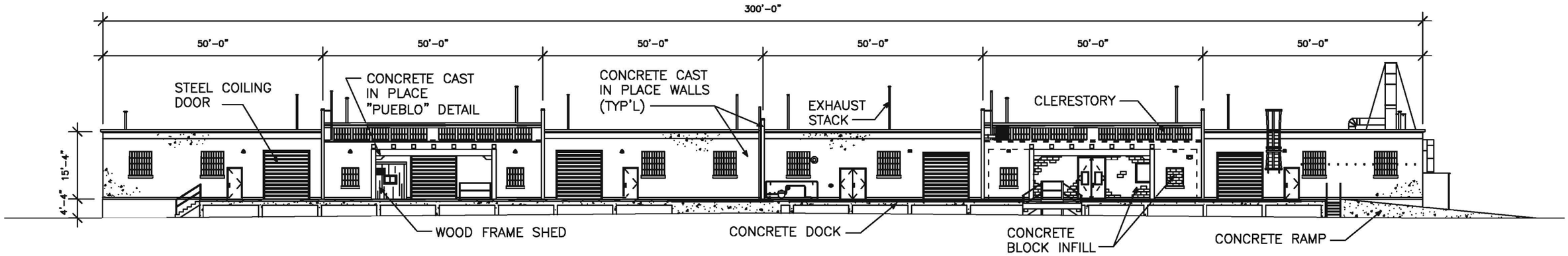
DRAWING NO. C46370

REV.

BASE SCALE: FILE#:

JC1 #92-082

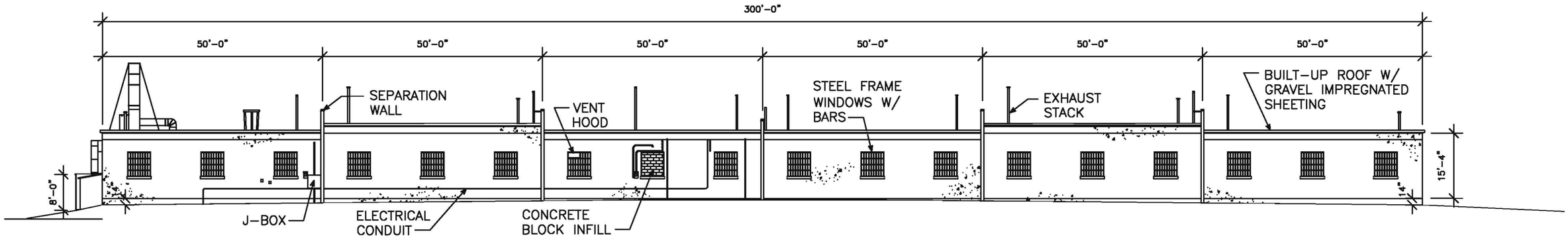
REC'D LOGGED TO VAULT



SOUTH ELEVATION

SCALE: 3/32"=1'-0" (2' 0 2' 4')

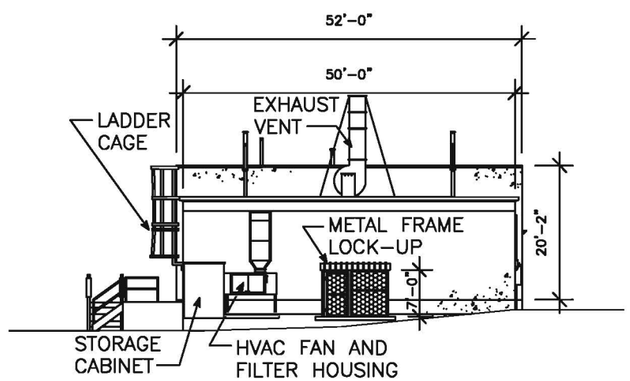
1 / A-1



NORTH ELEVATION

SCALE: 3/32"=1'-0" (2' 0 2' 4')

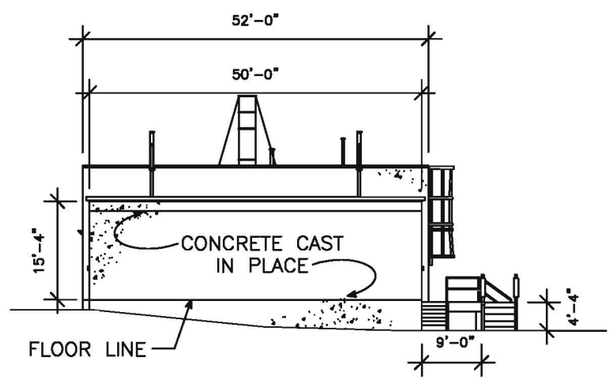
2 / A-1



EAST ELEVATION

SCALE: 3/32"=1'-0" (2' 0 2' 4')

3 / A-1



WEST ELEVATION

SCALE: 3/32"=1'-0" (2' 0 2' 4')

4 / A-1

COLD WAR ERA BUILDINGS HISTORIC CONTEXT		DRAWN	K. HONIG
		DESIGN	—
		CHECKED	K. TOWERY
TA-21-1002	WAREHOUSE	DATE	JUL 08
SUBMITTED	APPROVED FOR RELEASE		
Los Alamos NATIONAL LABORATORY PO Box 1663 Los Alamos, New Mexico 87545		SHEET	A-1
			1 OF 1
CLASSIFICATION U	REVIEWER	DATE	

LANL TA- Building # 43-0039

Camera Digital photos by LANL ENV-EAQ

Frame #s Photos on file at LANL ENV-EAQ, Cultural Resources Team

Surveyor(s) s. McCarthy, K.Towery/J.Ronquillo/K. Garcia

Date 9/2005, 3/13/2006

Los Alamos National Laboratory CRT
Historic Building Survey Form

Building Name DOE-LASO HQ. Building (ULR-469, TA-0-469) UTMs easting 381361 northing 3971373 zone 13

Legal Description: Map USGS Guaje Mountain Quad tnsp 19N range 6E sec 16

Current Use/ Function Administration/Office Building for NNSA/DOE Original Use/ Function Police Barracks/Security Building

Date (estimated) 1949 Date (actual) 1949 Property Type Administration

Type of Construction

Pre-Fabricated Metal ☐ Steel Frame ☐ Wood Frame ☐ CMU ☑ Reinforced Concrete ☑

Other Type of Construction # of Stories 5

Foundation Reinforced Concrete

Exterior CMU-Exterior ☑ Reinforced Concrete-Exterior ☑ Steel (galvanized) ☐ Steel (corrugated) ☐

Wood Siding ☐ Asbestos Shingles-Exterior ☐ In-Fill Panels ☐ Other-Exterior

Exterior Treatment (painted, stuccoed, etc) Concrete frame with shear wall infill consisting of 8" masonry block; painted stucco.

Exterior Features (docks, speakers, lights, signs, etc) The main entrance to the building is located on the south elevation and accentuated by three glass and anodized aluminum storefront doors with fixed sidelights. The elevations exhibit cantilevered sunshades with Chicago-style windows.

Addition CMU-Addition ☐ Reinforced Concrete-Addition ☐ Steel (galvanized)- Addition ☐ Wood ☐

Steel (corrugated)-Addition ☐ Asbestos Shingles-Addition ☐ Other- Addition

Exterior Treatment-Addition Front main entrance has been modified with the addition of glass and anodized aluminum storefront doors with fixed sidelights.

Exterior Features-Addition Modern contemporary feel to main entrance typical of architectural design of the 1950s and 1960s.

Roof Form Slanted/Shed ☐ Gable ☐ Other Roof Type Flat with slight pitch and interior drains

Degree of Pitch/ Slope Slight

Roof Materials Corrugated Metal ☐ Rolled Asphalt ☐ Asbestos Shingles ☐ 4-Ply Built Up ☑

Other Roof Materials

Window Type Casement ☐ Single Hung Sash ☐ Double Hung Sash ☐ Fixed Window ☑

Other Window Type Awning style

# of Each Window Type/ Comments Numerous fixed and operable window on all elvations.

Glass Type Clear ☑ Wire Glass ☐ Opaque ☐ Painted Glass ☐ Glass Block ☐

Light Pattern

Door Type

Personnel Door Types — Exterior
Fire Door ☐ Single ☑ Double ☐ Roll-up ☐ Sliding ☐
Hollow Metal ☑ Solid Wood ☐ 1/2 Glazed ☐ Paneled ☐
Louvered ☐ Painted ☐

Personnel Door Types — Interior
Fire Door ☐ Single ☑ Double ☐ Roll-up ☐ Sliding ☐
Hollow Metal ☑ Solid Wood ☐ 1/2 Glazed ☐ Paneled ☐
Louvered ☐ Painted ☐

Equipment Door Types — Exterior
Fire Door ☐ Single ☑ Double ☐ Roll-up ☐ Sliding ☐
Hollow Metal ☐ Solid Wood ☐ 1/2 Glazed ☐ Paneled ☐
Louvered ☐ Painted ☐

Equipment Door Types — Interior
Fire Door ☐ Single ☑ Double ☑ Roll-up ☐ Sliding ☐
Hollow Metal ☐ Solid Metal ☐ 1/2 Glazed ☐ Paneled ☐
Louvered ☐ Painted ☐

# of Each Door Type/Comments: Glass store front door at main entrance

Interior Wall Gypsum Board ☑ Reinforced Concrete- Interior ☐

CMU- Interior ☑ Plywood ☐ Other- Interior

In-Wall Electrical Wiring ☑ On-Wall Electrical Wiring ☑

Ceiling Drop Ceiling ☑

Interior Comments (Equipment, etc) An interior elevator system was added some time after the building was completed.

Degree of Remodeling Minor

Condition Excellent ☐ Good ☐ Fair ☑ Deteriorating ☐ Contaminated ☐ Burned ☐

Associated Building ☐

If yes, list building names and #s

Integrity Good

Significance Eligible

Eligible Under Criterion A ☑ B ☐ C ☐ D ☐ Not Eligible ☐

DOE Themes

Nuclear Weapon Components and Assembly ☐
Nuclear Weapon Design and Testing ☐
Nuclear Propulsion ☐
Peaceful Uses: Plowshare, Nuclear Medicine, Nuclear Energy, Nuclear Science ☐
Energy and Environment: Research and Design Projects ☐

LANL Themes

Weapons Research and Design, Testing, and Stockpile Support ☐ Super Computing ☐
Reactor Technology ☐ Biomedical/Health Physics ☐ Strategic and Supporting Research ☐
Environment/Waste Management ☐ Administration and Social History ☑ Architectural History ☑

Recommendations/ Additional Comments Also Security theme.

Architectural Features (elevations) The exterior wall elevations exhibit 8 inch thick masonry block with a painted cement stucco. There are symmetrically placed windows at each floor with the main entrance accentuated by a definite central store front door location and floor to ceiling window wall units on the floors directly above the main entrance, south elevation. There is a 2' x 4" thick cantilevered sun canopy on the south side designed to provide shade to all the windows on the south elevation. Enclosed stairwells are located on the far ends of the plan and are equipped with a panel of fixed square windows

Total sq ft 39,778 Gross **Architect/ Builder** W.C. Kruger Co. Architects - Engineers

Alterations Minor alterations included a later addition of a glass store front entrance wall.

List of Drawings (Cntrl + Enter for para break)

ENG-C 44986
Sheet 7
TA-0, Bldg. 469 (TA-43-39)
Police Barracks
Architectural – Basement Plan
February 23, 1948
Revised to as-built status of August 1, 1949

ENG-C 44986
Sheet 8
TA-0, Bldg. 469 (TA-43-39)
Police Barracks
Architectural – First Floor Plan
February 1, 1948
Revised to as-built status of August 1, 1949

ENG-C 44986
Sheet 9
TA-0, Bldg. 469 (TA-43-39)
Police Barracks
Architectural – Second Floor Plan
February 23, 1948
Revised to as-built status of August 1, 1949

ENG-C 44986
Sheet 10
TA-0, Bldg. 469 (TA-43-39)
Police Barracks
Architectural – Third Floor Plan
February 23, 1948
Revised to as-built status of August 1, 1949

ENG-C 44986
Sheet 11
TA-0, Bldg. 469 (TA-43-39)
Police Barracks
Architectural – Elevations
February 23, 1948
Revised to as-built status of August 1, 1949

ENG-C 44986
Sheet 12
TA-0, Bldg. 469 (TA-43-39)
Police Barracks
Architectural – Elevations and Details
February 23, 1948
Revised to as-built status of August 1, 1949

ENG-AB 237
Sheet 1
TA-0, Bldg. 469 (TA-43-39)
AEC/LAAO Headquarters Building
Arch: Basement Floor Plan
February 9, 1995

ENG-AB 237
Sheet 2
TA-0, Bldg. 469 (TA-43-39)
AEC/LAAO Headquarters Building
Arch: First Floor Plan
February 9, 1995

ENG-AB 237
Sheet 3
TA-0, Bldg. 469 (TA-43-39)
AEC/LAAO Headquarters Building
Arch: Second Floor Plan
February 9, 1995

ENG-AB 237
Sheet 4
TA-0, Bldg. 469 (TA-43-39)
AEC/LAAO Headquarters Building
Arch: Third Floor Plan
February 9, 1995

ENG-C 44986
Sheet 11
TA-0, Bldg. 469 (TA-43-39)
Police Barracks
Architectural – Elevations
February 23, 1948
Revised to status of September 14, 2007

ENG-C 44986
Sheet 12
TA-0, Bldg. 469 (TA-43-39)
Police Barracks
Architectural – Elevations and Details
February 23, 1948
Revised to status of September 14, 2007



TA-43-39 Southeast and Northeast Elevations

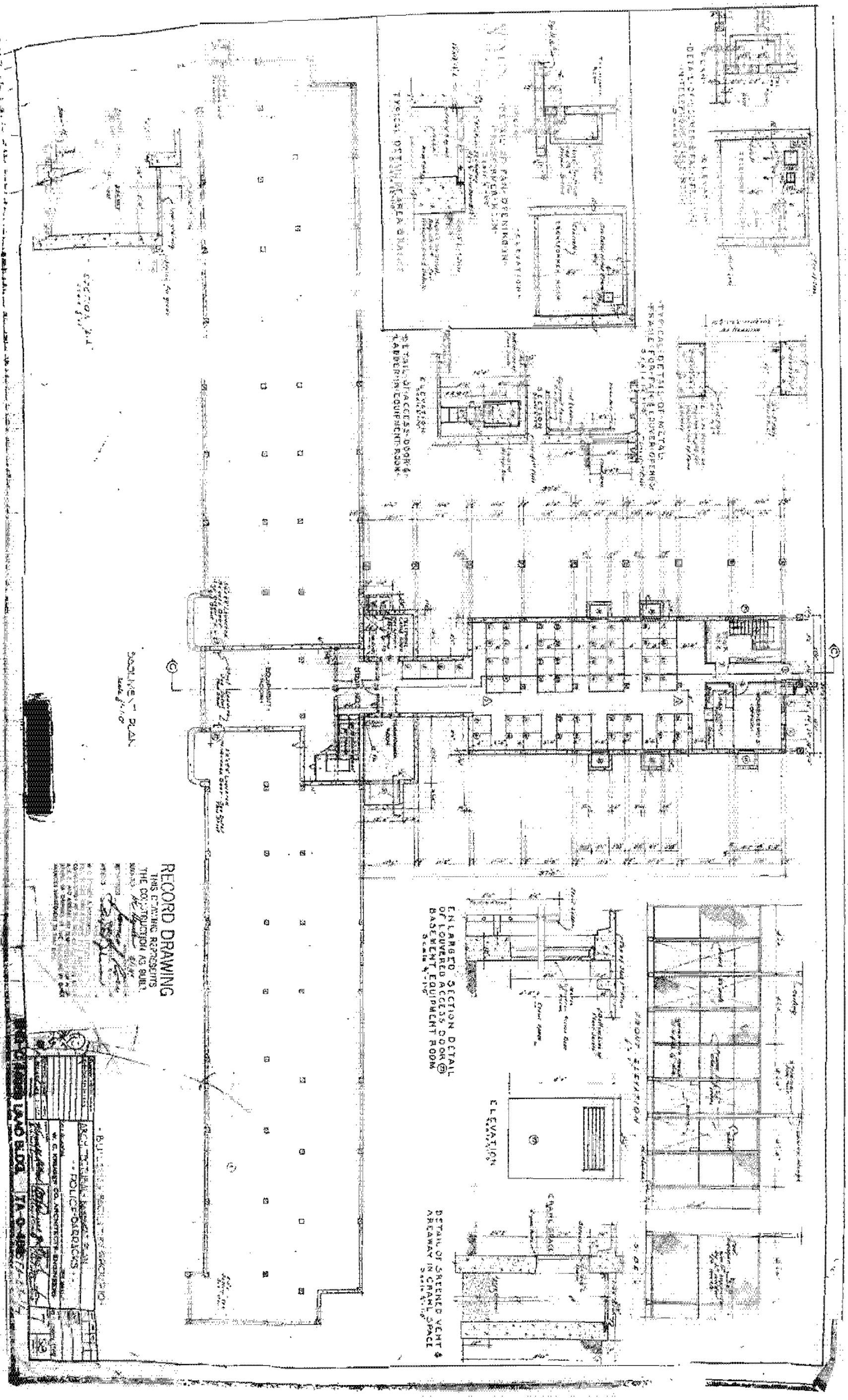


TA-43-39 Northeast and Northwest Elevations



TA-43-39 Southwest Elevation

TA-43 Bldg 39 C44986-7



DOOR SCHEDULE

Scale 1/4"=1'-0"

NOTE: All Doors 1¾" Thick Unless Otherwise Noted. Door No. 36 Omitted

WINDOW SCHEDULE

DEMI-INTERMEDIATE STEEL WINDOWS

Scale 1/4"=1'-0"

NOTE: For Details of Sprinkler System Piping, Valves & Heads See Sheet No. 5 of the Above Listed Specifications in Stores Stock.

ROOM FINISH SCHEDULE

ROOM DESIGNATION	NO	FLOOR	BASE	WSCT	WALLS	CEILING	REMARKS
BASEMENT	Public Toilet						
	Storage						
	Stair No.1						
	Stair Hall & Entrance						
	Service Space						
	Stairs						
	Stair No.2						
	Stair No.3						
	Stair No.4						
	Stair Hall						
	Corridor						
	Hall	125					
	Lounge	126					
	Kitchen	127					
	Serving Space	128					
	Lt. Women	129					
	Women Toilet	130					
	Men Toilet	131					
	Storage	132					
	Storage	133					
	Toilet	134					
	Toilet	135					
	Linen	136					
	Mop	137					
	Dining Area	138					
	Lt. Men	139					
	Toilet	140					
	Toilet	141					
	Office	142					
	Office	143					
	Janitor	144					
	Janitor	145					
	Janitor	146					
	Janitor	147					
	Janitor	148					
	Janitor	149					
	Janitor	150					
	Janitor	151					
FIRST FLOOR		Asphalt Tile	Asphalt Tile	4" Cove	Plaster	Plaster Finish	Asphalt Tile Floor & Base where shown on plan
		Concrete Tile	Concrete Tile		Exposed Brick	Exposed Structural Steel	Ceiling Furred down to 8'-0"
		Ceramic Tile			Ceramic Tile	Acoustical Tile	All Plaster Work shall be Sand Finish
							Ceiling Furred down to 8'-6"
							Ceiling Furred down to 9'-0"
							Ceiling Furred down to 9'-6"
							Ceiling Furred down to 10'-0"
							Ceiling Furred down to 10'-6"
							Ceiling Furred down to 11'-0"
							Ceiling Furred down to 11'-6"
							Ceiling Furred down to 12'-0"
							Ceiling Furred down to 12'-6"
							Ceiling Furred down to 13'-0"

FIRST FLOOR PLAN

Scale 1/8"=1'-0"

NOTE: Office #2 Served by private Resident Mailbox Quarters. See Sheet 84 for Revised Layout

ABBREVIATIONS

GI. Galvanized Iron	Spec. Specifications:
Fire Ext. Ext.	Fl. Floor
Cl. Ceiling	El. Elevation
PHC Plumbing & Heating	DS. Downspout
SS. Service Sink	Sect. Section
MT. Metal Threshold	Det. Detail
Col. Column	MISC. Metal Toilet Partitions
Tele. Telephone	WI. Wrought Iron
Rad. Radiator	W.P. Waterproofing
Dn. Down	H.M. Hollow Metal
Cem. Cement	S.M. Sheet Metal
Conc. Concrete	C.I. Cast Iron
WC. Water Closet	Existing Grade
Ur. Urinal	Finish Grade
Lav. Lavatory	Asb. Cem.-Asbestos Cement

2 HRFP - 2 Hour Fire Partition
MFR. - Manufacturer
Alum. - Aluminum
Col. Sch. - Column Designations
Sp. Gr. - Specific Gravity
Elec. - Electric Plans

RECORD DRAWING
THIS DRAWING REPRESENTS THE CONSTRUCTION AS BUILT.
H. C. Hamilton 8/1/50
James L. Ross
Gary Johnson

KEY TO MATERIALS

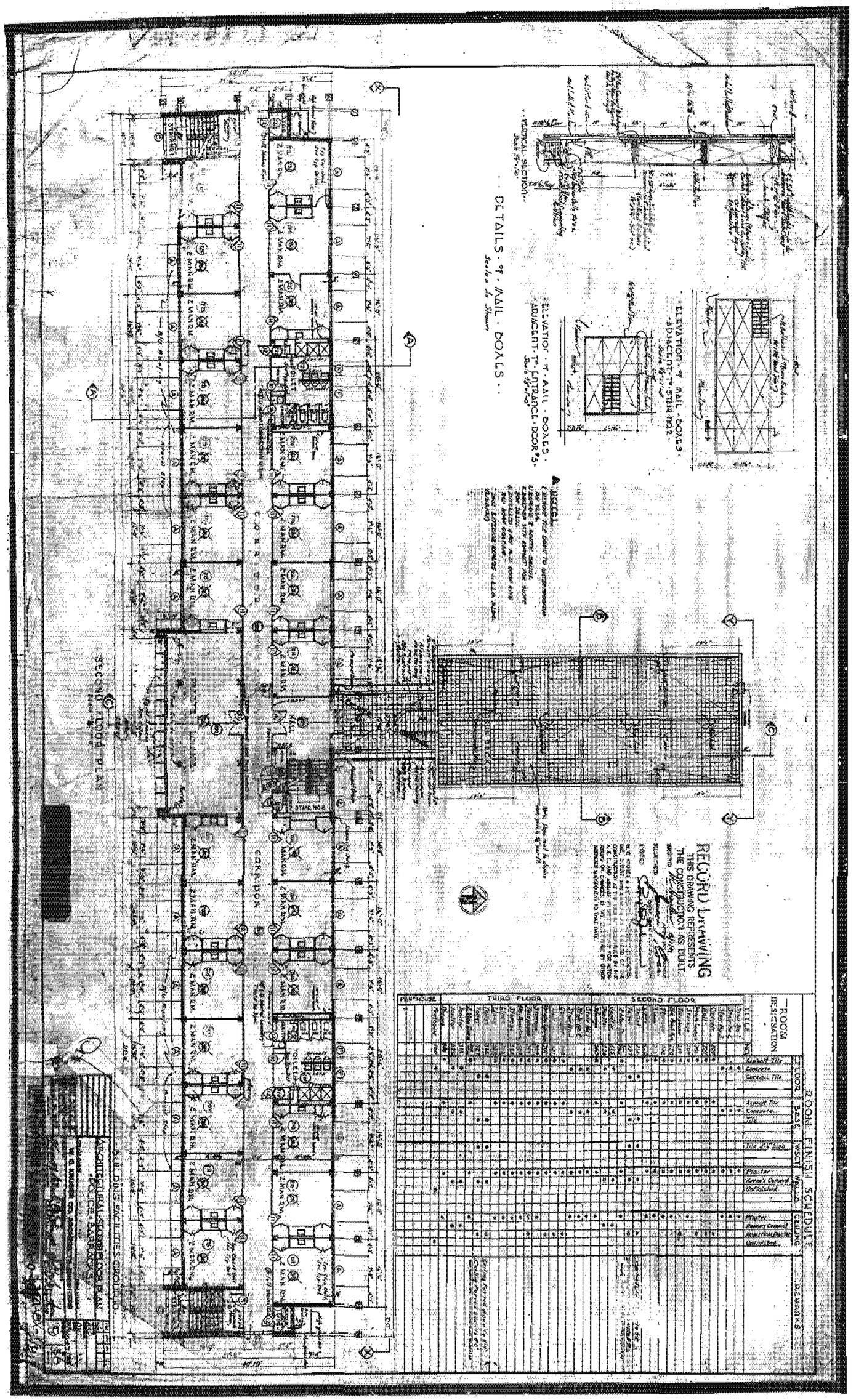
Concrete	Solid Plas. Partition
Earth	Metal
Masonry Block	Metal
Stone	Insulation Bat
Brick	Rigid Insulation
Tile	
Wood Finish	
Wood Rough	

BUILDING FACILITIES PROJECT

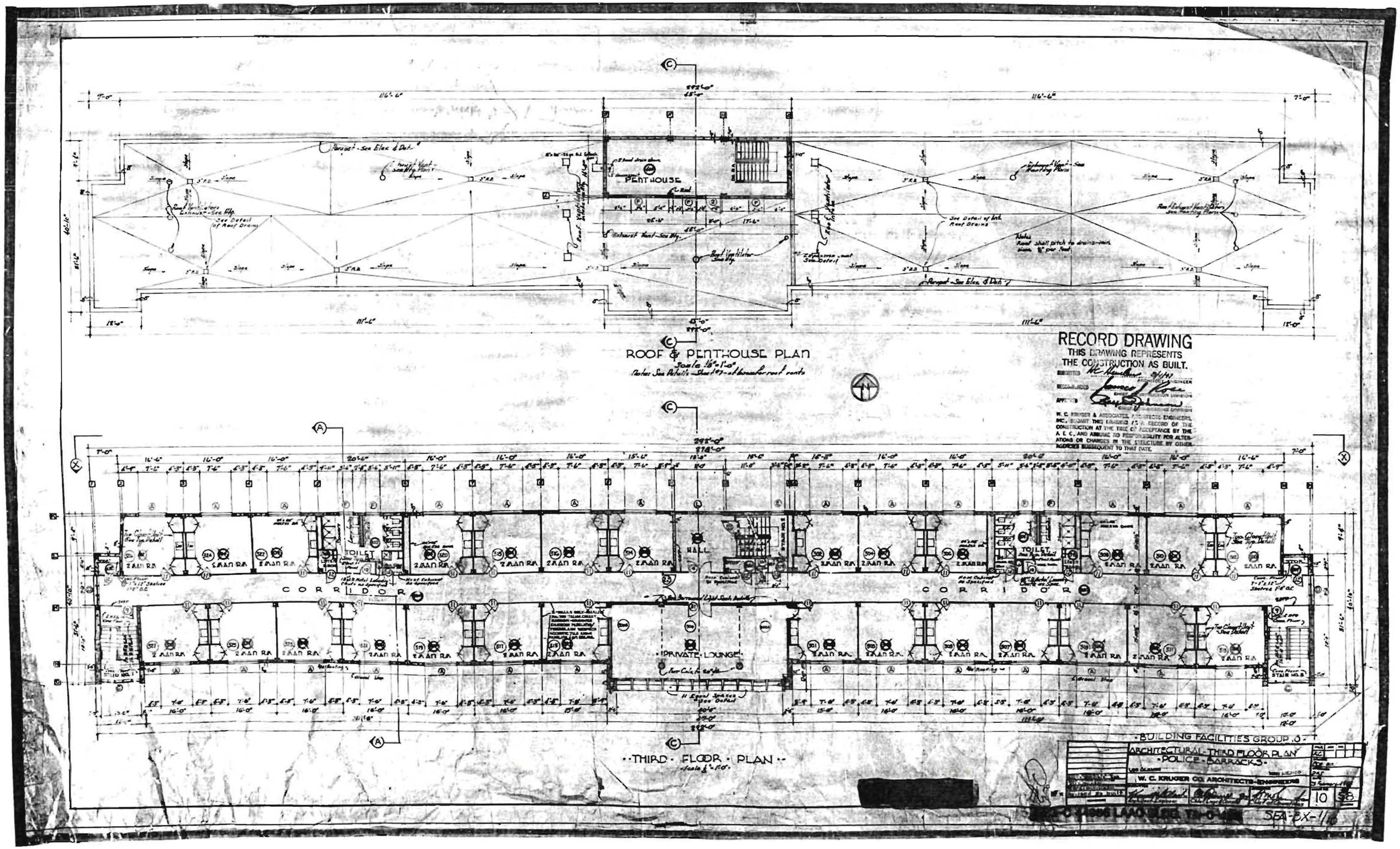
ARCHITECTURAL - FIRST FLOOR PLAN
POLICE BARRACKS
LOS ALAMOS — SCALE 1/8"=1'-0"
W. C. KRUGER CO. ARCHITECTS-ENGINEERS
Kenneth Ellett, Architect-Engineer; Chief Engineer for Chief of Construction; Chief of Construction
DATE 1/7/50 — SHEET 5 — DRAWING 58

ENG-C 44986 LAAO BLDG. TA-0-469 SFA-BX-1/8

TA-43 Bldg 39 C44986-9

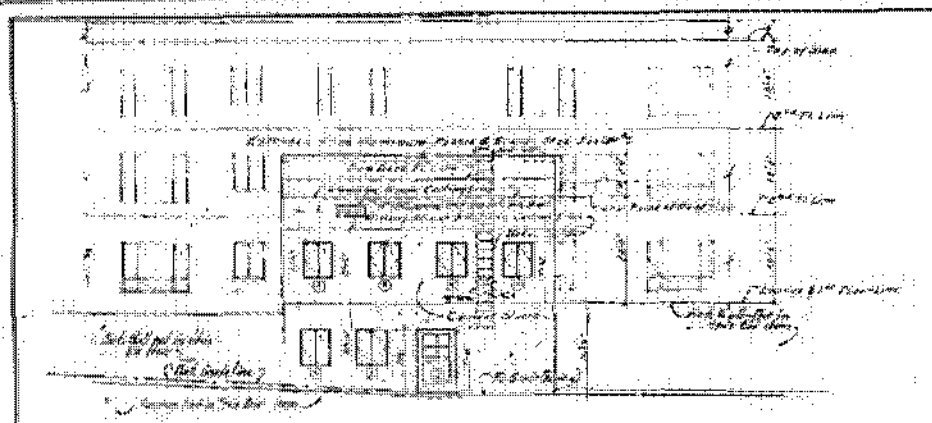


TA-43 Bldg 39 C44986-10

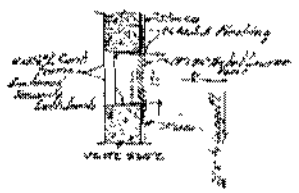


C44986-11

TA-43 Bldg 39

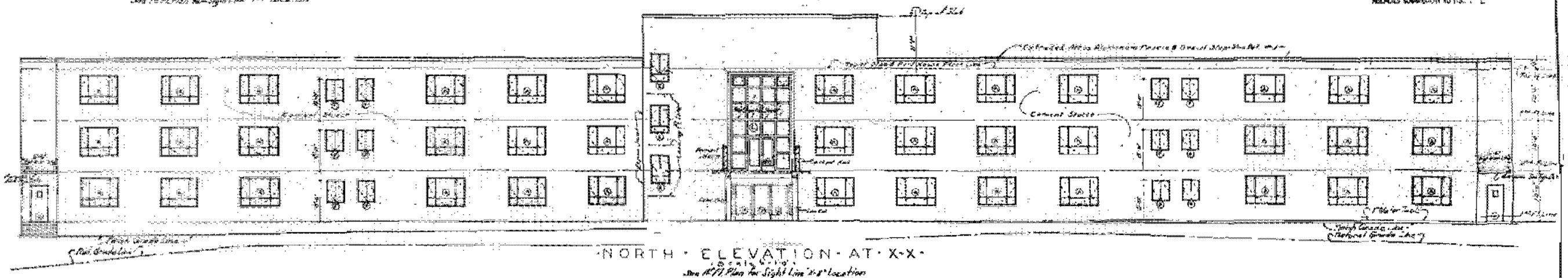


NORTH · ELEVATION · AT · YY ·

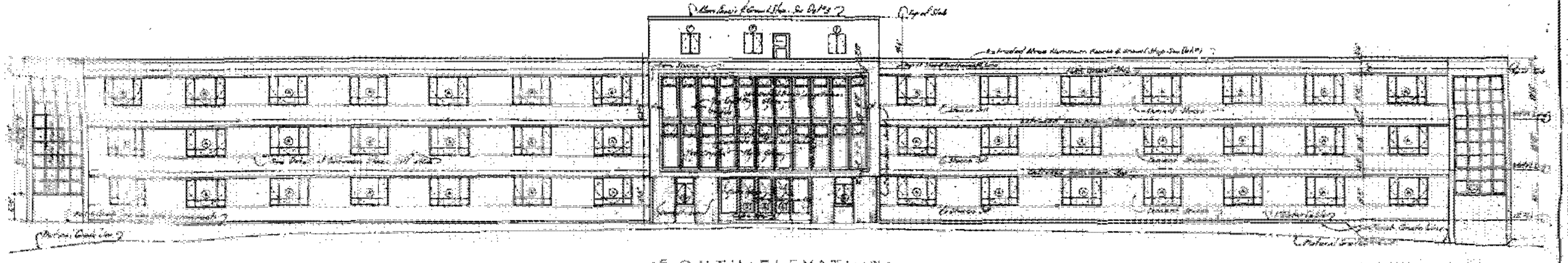


- DET. LOUVERED VENT -
- NORTH ELEV. LOUVRE -
- WING -

RECORD DRAWING
THIS DRAWING REPRESENTS
THE CONSTRUCTION AS BUILT



NORTH · ELEVATION · AT · X-X ·

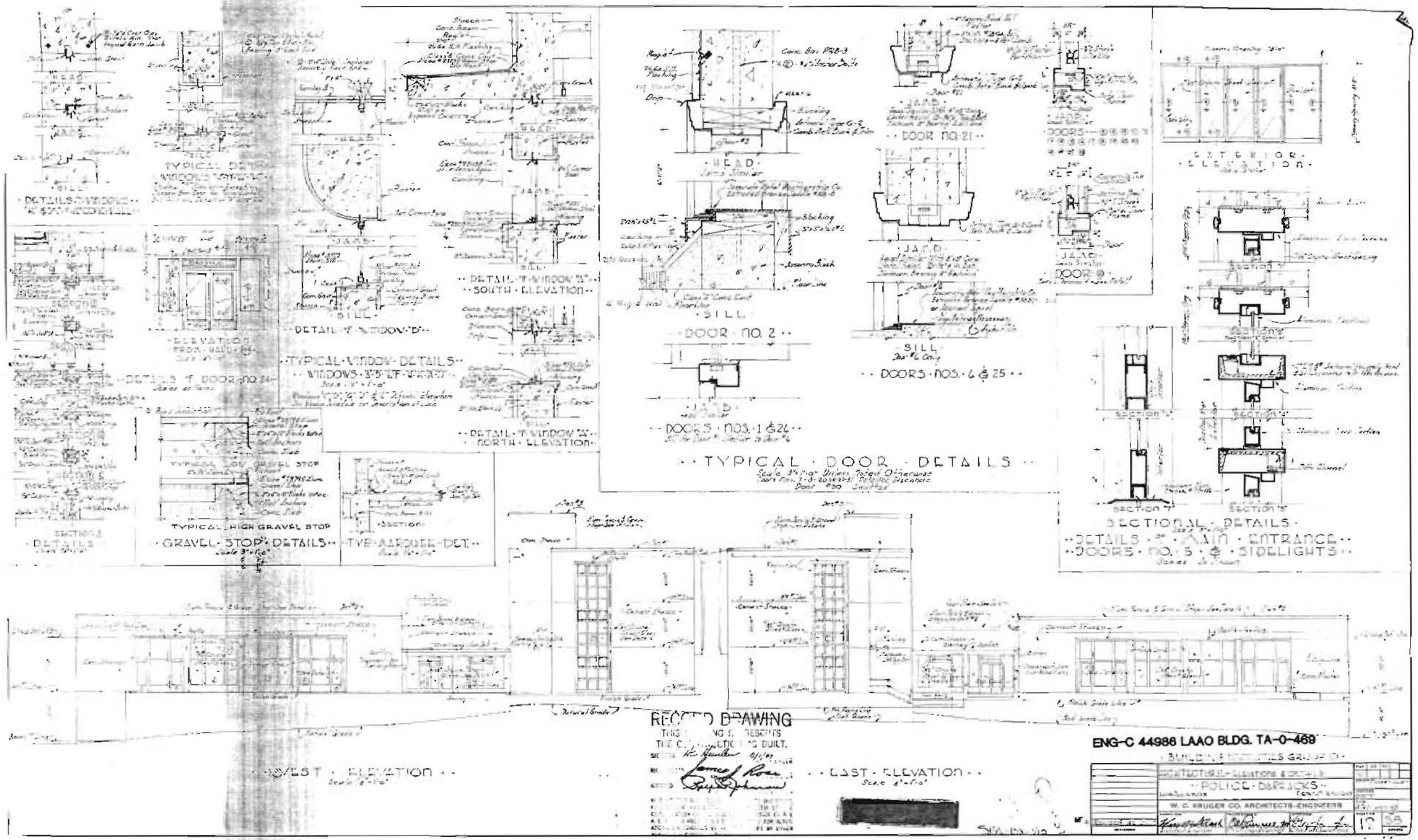


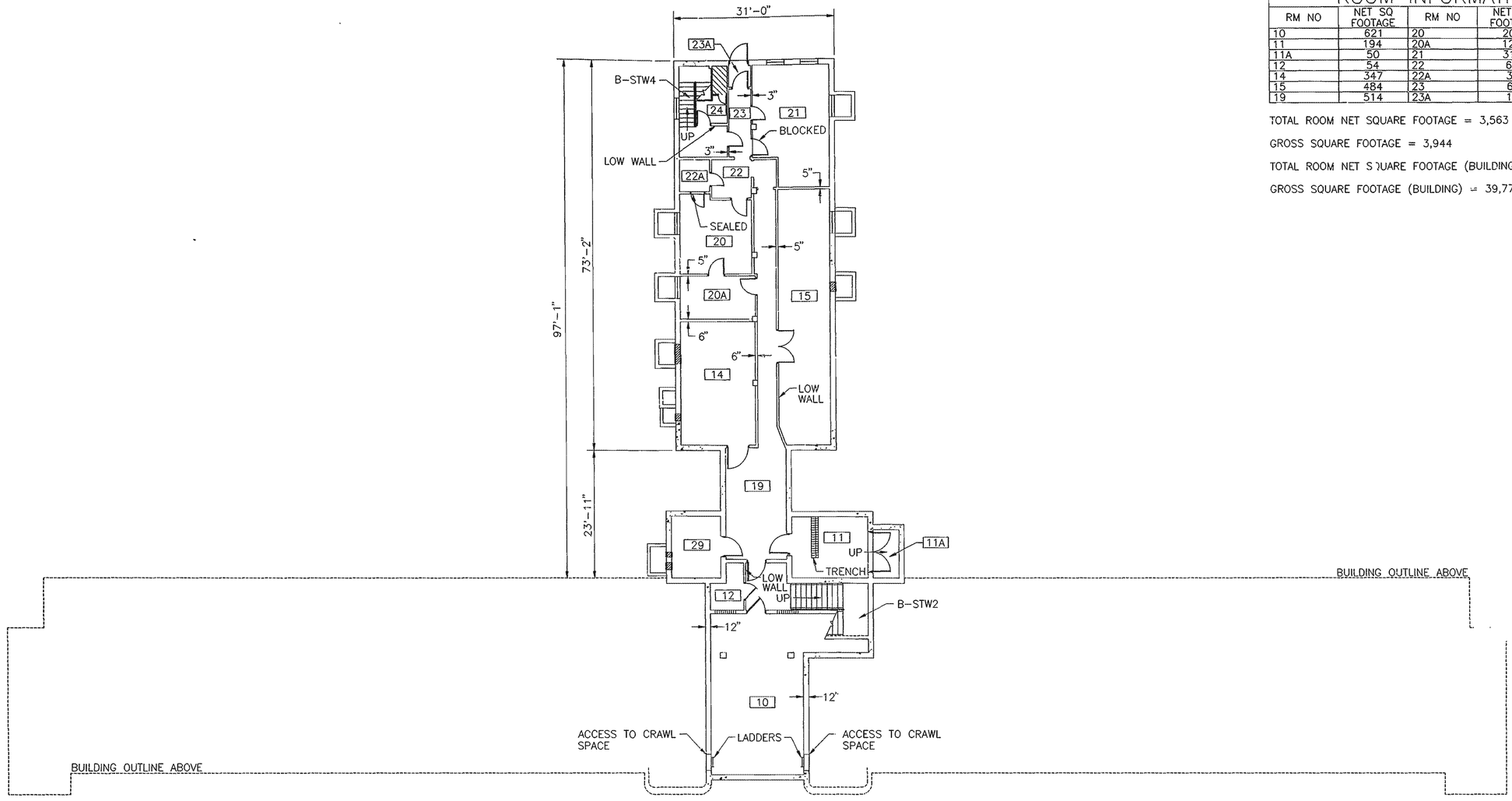
SOUTH · ELEVATION ·

BUILDING FACILITIES GROUP 3

ARCHITECTURAL - Elevations
POLICE - BARRACKS
Los Alamos New Mexico
W. C. KRUEGER CO. ARCHITECTS-ENGINEERS
11 59

END-C 44986 LAAO BLDG. TA-0-406 SFA-BX-1/1


TYPICAL DETAILS WINDOWS
DETAILS WINDOWS
ELEVATION FROM
DETAIL "B" WINDOW "B"
SOUTH ELEVATION
TYPICAL WINDOW DETAILS
WINDOWS
DETAIL "A" WINDOW "A"
NORTH ELEVATION
DETAILS DOOR NO 24
TYPICAL GRAVEL STOP
SECTION
GRAVEL STOP DETAILS
TYP MARQUEE DET
HEAD
JAMB
SILL
DOOR NO. 2
DOORS NOS. 1 & 26
TYPICAL DOOR DETAILS
DOOR NO. 21
DOORS NOS. 6 & 25
DOORS
DOOR 9
EXTERIOR ELEVATION
SECTION
SECTIONAL DETAILS
DETAILS OF MAIN ENTRANCE
DOORS NO. 5 & SIDELIGHTS
WEST ELEVATION
EAST ELEVATION
RECORD DRAWING
ENG-C 44988 LAAO BLDG. TA-0-469
POLICE BARRACKS
W. C. KRUEGER CO. ARCHITECTS-ENGINEERS



ROOM INFORMATION CHART

RM NO	NET SQ FOOTAGE	RM NO	NET SQ FOOTAGE	RM NO	NET SQ FOOTAGE
10	621	20	209	24	32
11	194	20A	126	29	118
11A	50	21	317	UTILITY B	17
12	54	22	62	B-STW2	195
14	347	22A	39	B-STW4	104
15	484	23	61	–	–
19	514	23A	19	–	–

TOTAL ROOM NET SQUARE FOOTAGE = 3,563

GROSS SQUARE FOOTAGE = 3,944

TOTAL ROOM NET SQUARE FOOTAGE (BUILDING) = 37,427

GROSS SQUARE FOOTAGE (BUILDING) = 39,778

LEGEND

- COLUMNS
- CONCRETE
- CONCRETE BLOCK
- LOUVER
- UTILITY SPACE
- WINDOW
- WOOD OR METAL STUD

BASEMENT FLOOR PLAN

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

12 9 6 3 0 12 24 48
GRAPHIC SCALE

N

NOTES

1. ALL EXTERIOR WALLS ARE 12" THICK UNLESS OTHERWISE NOTED.
2. ALL INTERIOR WALLS ARE 8" THICK UNLESS OTHERWISE NOTED.
3. REFERENCE DRAWING ENG-R4415
4. ROOM NET SQUARE FOOTAGE IS COMPUTED BY MEASURING FROM THE INSIDE FACE OF EXTERIOR WALLS TO THE CENTERLINE OF ALL OTHER WALLS. AREAS SHOWN ARE ROUNDED TO THE NEAREST SQUARE FOOT.
5. GROSS SQUARE FOOTAGE IS EQUAL TO ALL FLOOR AREA (INCLUDING ALL OPENINGS IN FLOOR SLABS) MEASURED TO THE OUTER SURFACES OF EXTERIOR OR ENCLOSING WALLS, AND INCLUDES ALL FLOORS, MEZZANINES, HALLS, VESTIBULES, STAIRWELLS, SERVICE AND EQUIPMENT ROOMS, PENTHOUSES, VAULTS, AND ENCLOSED PASSAGES.
6. DIMENSIONS SHOWN ARE ROUNDED TO THE NEAREST INCH.

FIELD VERIFIED 2-8-95

MF	NO	DATE	CLASS REV	DESCRIPTION	DWN	VER	CHKD	SUB	APP

JOHNSON CONTROLS

AS-BUILT RECORD FLOOR PLAN
AEC/LAAO HEADQUARTERS BUILDING
ARCH: BASEMENT FLOOR PLAN

DRAWN	10/24/95 S. GALLEGOS
VERIFIED	10/25/95 D. VIGIL
CHECKED	C. SANDOVAL
DATE	2-9-95

BLDG 39 TA-43

SUBMITTED DUANE VIGIL

APPROVED FOR RELEASE LARRY BAYS

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET 1 OF 4

CLASSIFICATION U REVIEWER T. GUSDORF DATE 10-30-96

PROJECT ID	DRAWING NO	REV
7556	AB237	

JCI NO 91-011

ROOM INFORMATION CHART

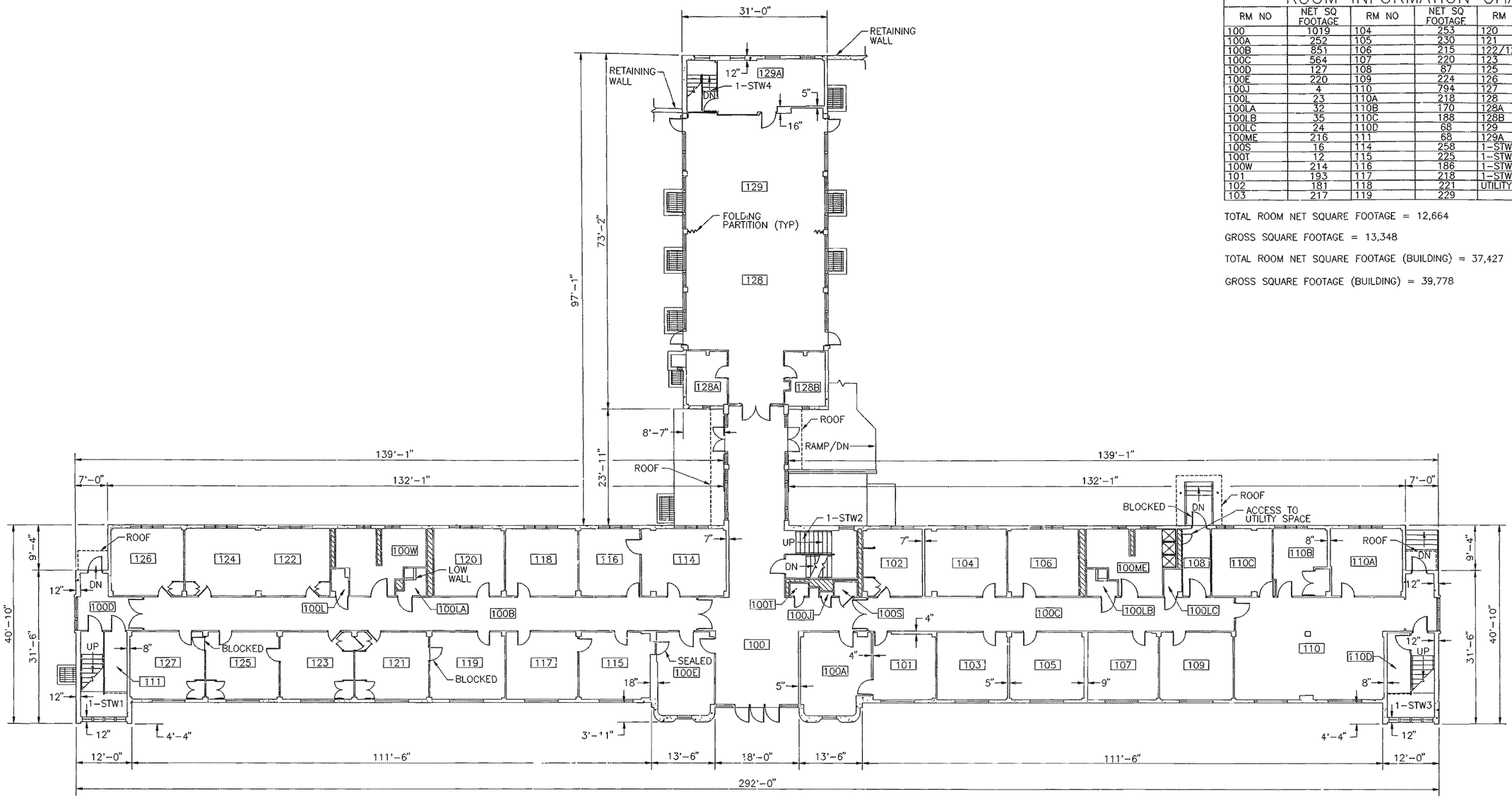
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100	1019	104	253	120	215
100A	252	105	230	121	224
100B	851	106	215	122/124	440
100C	564	107	220	123	224
100D	127	108	87	125	224
100E	220	109	224	126	224
100J	4	110	794	127	233
100L	23	110A	218	128	867
100LA	32	110B	170	128A	100
100LB	35	110C	188	128B	98
100LC	24	110D	68	129	739
100ME	216	111	68	129A	247
100S	16	114	258	1-STW1	113
100T	12	115	225	1-STW2	154
100W	214	116	186	1-STW3	112
101	193	117	218	1-STW4	69
102	181	118	221	UTILITY 1	109
103	217	119	229		

TOTAL ROOM NET SQUARE FOOTAGE = 12,664

GROSS SQUARE FOOTAGE = 13,348

TOTAL ROOM NET SQUARE FOOTAGE (BUILDING) = 37,427

GROSS SQUARE FOOTAGE (BUILDING) = 39,778



LEGEND

- COLUMNS
- CONCRETE
- LOUVER
- UTILITY SPACE
- WINDOW
- WOOD OR METAL STUD

FIRST FLOOR PLAN

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

12 9 6 3 0 12 24 48

GRAPHIC SCALE

N

NOTES

1. ALL EXTERIOR WALLS ARE 8" THICK UNLESS OTHERWISE NOTED.
2. ALL INTERIOR WALLS ARE 3" THICK UNLESS OTHERWISE NOTED.
3. REFERENCE DRAWING ENG-R4415
4. ROOM NET SQUARE FOOTAGE IS COMPUTED BY MEASURING FROM THE INSIDE FACE OF EXTERIOR WALLS TO THE CENTERLINE OF ALL OTHER WALLS. AREAS SHOWN ARE ROUNDED TO THE NEAREST SQUARE FOOT.
5. GROSS SQUARE FOOTAGE IS EQUAL TO ALL FLOOR AREA (INCLUDING ALL OPENINGS IN FLOOR SLABS) MEASURED TO THE OUTER SURFACES OF EXTERIOR OR ENCLOSING WALLS, AND INCLUDES ALL FLOORS, MEZZANINES, HALLS, VESTIBULES, STAIRWELLS, SERVICE AND EQUIPMENT ROOMS, PENTHOUSES, VAULTS, AND ENCLOSED PASSAGES.
6. DIMENSIONS SHOWN ARE ROUNDED TO THE NEAREST INCH.

FIELD VERIFIED 2-8-95

NO	DATE	CLASS REV	DESCRIPTION	DWN	VER	CHKD	SUB	APP
MF								

JOHNSON CONTROLS

AS-BUILT RECORD FLOOR PLAN
AEC/LAAO HEADQUARTERS BUILDING

ARCH: FIRST FLOOR PLAN

DRAWN DRVSS 10/6/95
VERIFIED DRV/CES/SS 10/6/95
CHECKED SANDOVAL
DATE 2-9-95

BLDG 39 TA-43

SUBMITTED DUANE VIGIL

APPROVED FOR RELEASE LARRY BAYS

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET 2 OF 4

CLASSIFICATION U REVIEWER T. GUSDORF DATE 10-30-96

PROJECT ID 7556

DRAWING NO AB237

REV

JCI NO 91-011

ROOM INFORMATION CHART

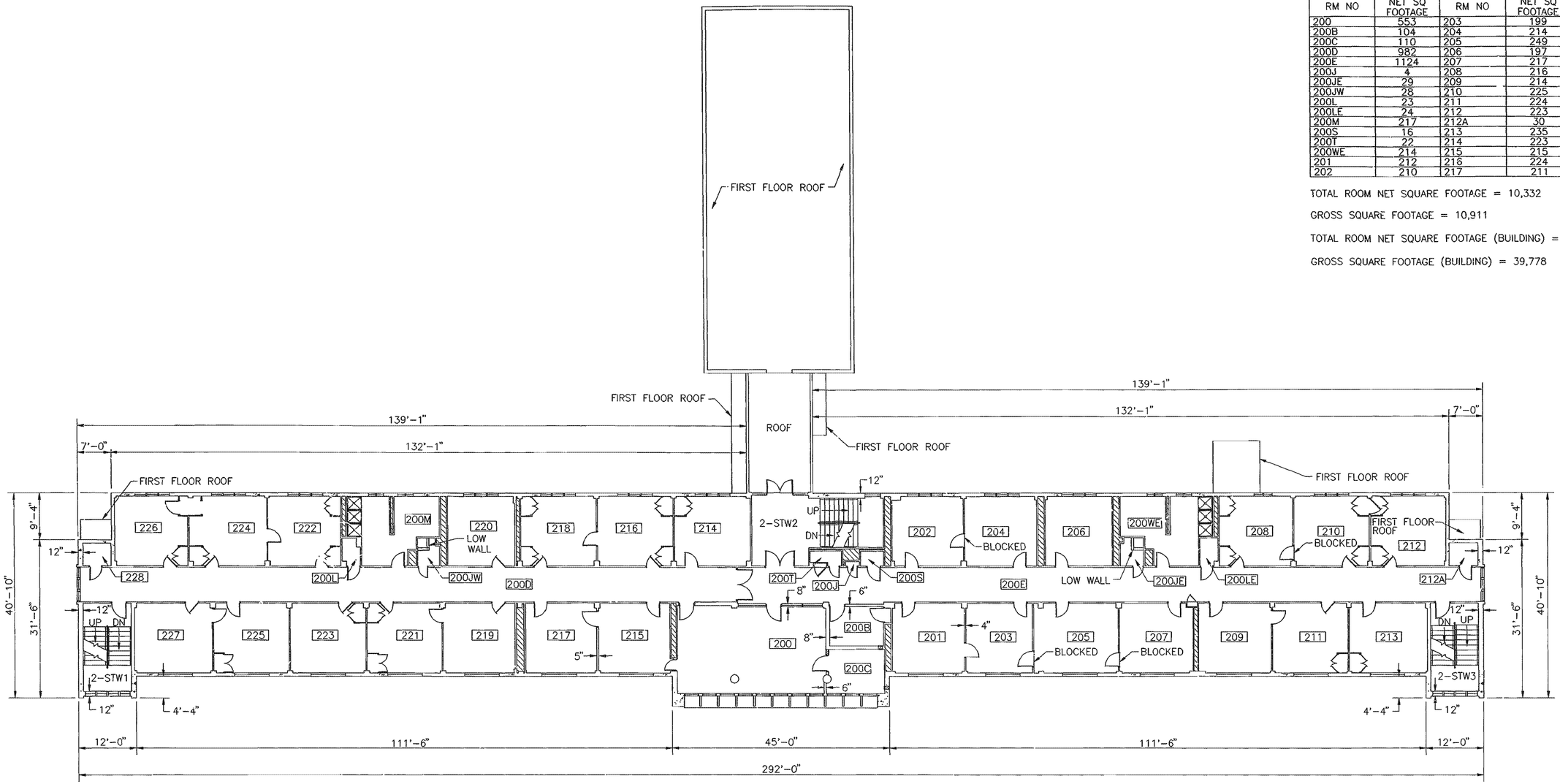
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200	553	203	199	218	224
200B	104	204	214	219	211
200C	110	205	249	220	198
200D	982	206	197	221	224
200E	1124	207	217	222	216
200J	4	208	216	223	224
200JE	29	209	214	224	231
200JW	28	210	225	225	224
200L	23	211	224	226	217
200LE	24	212	223	227	233
200M	217	212A	30	228	29
200S	16	213	235	2-STW1	181
200T	22	214	223	2-STW2	326
200WE	214	215	215	2-STW3	181
201	212	216	224	UTILITY 2	225
202	210	217	211		

TOTAL ROOM NET SQUARE FOOTAGE = 10,332

GROSS SQUARE FOOTAGE = 10,911

TOTAL ROOM NET SQUARE FOOTAGE (BUILDING) = 37,427

GROSS SQUARE FOOTAGE (BUILDING) = 39,778



LEGEND

COLUMNS
CONCRETE
LOUVER
UTILITY SPACE
WINDOW
WOOD OR METAL STUD

NOTES

1. ALL EXTERIOR WALLS ARE 8" THICK UNLESS OTHERWISE NOTED.
2. ALL INTERIOR WALLS ARE 3" THICK UNLESS OTHERWISE NOTED.
3. REFERENCE DRAWING ENG-R4415
4. ROOM NET SQUARE FOOTAGE IS COMPUTED BY MEASURING FROM THE INSIDE FACE OF EXTERIOR WALLS TO THE CENTERLINE OF ALL OTHER WALLS. AREAS SHOWN ARE ROUNDED TO THE NEAREST SQUARE FOOT.
5. GROSS SQUARE FOOTAGE IS EQUAL TO ALL FLOOR AREA (INCLUDING ALL OPENINGS IN FLOOR SLABS) MEASURED TO THE OUTER SURFACES OF EXTERIOR OR ENCLOSING WALLS, AND INCLUDES ALL FLOORS, MEZZANINES, HALLS, VESTIBULES, STAIRWELLS, SERVICE AND EQUIPMENT ROOMS, PENTHOUSES, VAULTS, AND ENCLOSED PASSAGES.
6. DIMENSIONS SHOWN ARE ROUNDED TO THE NEAREST INCH.

SECOND FLOOR PLAN

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

12 9 6 3 0 12 24 48
GRAPHIC SCALE

N

FIELD VERIFIED 2-8-95

NO	DATE	CLASS REV	DESCRIPTION	DWN	VER	CHKD	SUB	APP
MF								

JOHNSON CONTROLS

AS-BUILT RECORD FLOOR PLAN
AEC/LAAO HEADQUARTERS BUILDING
ARCH: SECOND FLOOR PLAN

DRAWN S. GALLEGOS
VERIFIED S. SIMS
CHECKED C. SANDOVAL
DATE 2-9-95

BLDG 39 TA-43

SUBMITTED DUANE VIGIL
APPROVED FOR RELEASE LARRY BAYS

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

SHEET 3 OF 4

CLASSIFICATION U REVIEWER T. GUSDORF DATE 10-30-96

PROJECT ID 7556
DRAWING NO AB237
REV

JCI NO 91-011

ROOM INFORMATION CHART

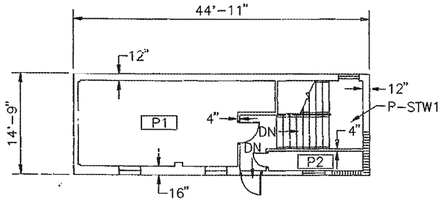
RM NO	NET SQ FOOTAGE	RM NO	NET SQ FOOTAGE	RM NO	NET SQ FOOTAGE
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300A	990	306	197	321	224
300B	1124	307	218	322	663
300E	4	308	211	323	224
300JC	28	309	214	324	29
300JW	28	310	216	325	224
300MW	23	311	214	327	233
300LE	24	312	216	3-STW1	181
300M	216	312A	30	3-STW2	332
300S	16	313	222	3-STW3	181
300T	22	314	205	UTILITY 3	271
300WE	214	315	418	P1	332
301	439	316	212	P2	44
302	186	317	221	P-STW1	176
303	224	318	213	–	–
304	228	319	218	–	–

TOTAL ROOM NET SQUARE FOOTAGE = 10,868

GROSS SQUARE FOOTAGE = 11,575

TOTAL ROOM NET SQUARE FOOTAGE (BUILDING) = 37,427

GROSS SQUARE FOOTAGE (BUILDING) = 39,778



PENTHOUSE ABOVE ROOM 314

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

LEGEND

- CONCRETE
- CONCRETE BLOCK
- LOUVER
- UTILITY SPACE
- WINDOW
- WOOD OR METAL STUD
- COLUMNS

NOTES

1. ALL EXTERIOR WALLS ARE 8" THICK UNLESS OTHERWISE NOTED.
2. ALL INTERIOR WALLS ARE 3" THICK UNLESS OTHERWISE NOTED.
3. REFERENCE DRAWING ENG-R4415
4. ROOM NET SQUARE FOOTAGE IS COMPUTED BY MEASURING FROM THE INSIDE FACE OF EXTERIOR WALLS TO THE CENTERLINE OF ALL OTHER WALLS. AREAS SHOWN ARE ROUNDED TO THE NEAREST SQUARE FOOT.
5. GROSS SQUARE FOOTAGE IS EQUAL TO ALL FLOOR AREA (INCLUDING ALL OPENINGS IN FLOOR SLABS) MEASURED TO THE OUTER SURFACES OF EXTERIOR OR ENCLOSING WALLS, AND INCLUDES ALL FLOORS, MEZZANINES, HALLS, VESTIBULES, STAIRWELLS, SERVICE AND EQUIPMENT ROOMS, PENTHOUSES, VAULTS, AND ENCLOSED PASSAGES.
6. DIMENSIONS SHOWN ARE ROUNDED TO THE NEAREST INCH.

THIRD FLOOR PLAN

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

12 9 6 3 0 12 24 48
GRAPHIC SCALE

N

FIELD VERIFIED 2-8-95

NO	DATE	CLASS REV	DESCRIPTION	DWN	VER	CHKD	SUB	APP

JOHNSON CONTROLS

AS-BUILT RECORD FLOOR PLAN
AEC/LAAO HEADQUARTERS BUILDING

ARCH: THIRD FLOOR PLAN

DRAWN	S. GALLEGOS
VERIFIED	S. MS
CHECKED	C. SANDOVAL
DATE	2-9-95

BLDG 39 TA-43

SUBMITTED DUANE VIGIL

APPROVED FOR RELEASE LARRY BAYS

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET 4 OF 4

CLASSIFICATION U REVIEWER T. GUSDORF DATE 10-30-96

PROJECT ID 7556

DRAWING NO AB237

REV

JCI NO 91-011

ADDITION

Extruded Alcoa Aluminum Fascia & Gravel Stop Sun Deck

Lounge Room Ceiling Line

Dining Room & Kitchen Ceiling Line

Lounge 1st Floor Line

Cement Stucco

Finish Grade Line

Natural Grade Line

·NORTH·ELEVATION·AT·Y-Y·

·Scale 1"=1'-0"·

See 1st Fl. Plan for Sight Line "Y-Y" Location

·ALT.·LOUVERED·VENT·

·NORTH·ELEV.·LOUNGE·

·WING·

·Scale 3"=1'-0"·

Typ. Similar Vent in South Wall Lounge Wing Under Roof Stair ·See Cross Section "C-C"

WINDOW REPLACEMENT (TYP'L)-NORTH ELEVATION ONLY

Top of Slab

Extruded Alcoa Aluminum Fascia & Gravel Stop Sun Deck

Top of Slab & 2nd Floor Line

Cement Stucco

Water Table

Finish Grade Line

Natural Grade Line

·NORTH·ELEVATION·AT·X-X·

·Scale 1"=1'-0"·

See 1st Fl. Plan for Sight Line "X-X" Location

Alum. Louvers & Ground Floor See Det. No. 3

Top of Slab

Extruded Alcoa Aluminum Fascia & Gravel Stop See Det. No. 1

Stucco Sill

See Detail of Continuous Stucco Sill at Wall

Finish Grade Line See Site Improvements

·SOUTH·ELEVATION·

·Scale 1"=1'-0"·

RECORD DRAWING
THIS DRAWING REPRESENTS THE CONSTRUCTION AS BUILT
SUBMITTED W. C. Kruger
RECOMMENDED
APPROVED

W. C. KRUGER & ASSOCIATES, ARCHITECTS-ENGINEERS, INC., C. SHAT THIS DRAWING IS A RECORD OF THE CONSTRUCTION AS THE WORK PROGRESSED BY THE A. C. C., AND ASSUMES NO RESPONSIBILITY FOR ALTERATIONS OR CHANGES OF THE CONSTRUCTION MADE BY OTHER AGENCIES SUBSEQUENT TO THAT DATE.

Tawney
9-14-07

[redacted]

·BUILDING FACILITIES GROUP 10·

ARCHITECTURAL - ELEVATIONS

·· POLICE · BARRACKS ··

LOS ALAMOS — NEW MEXICO

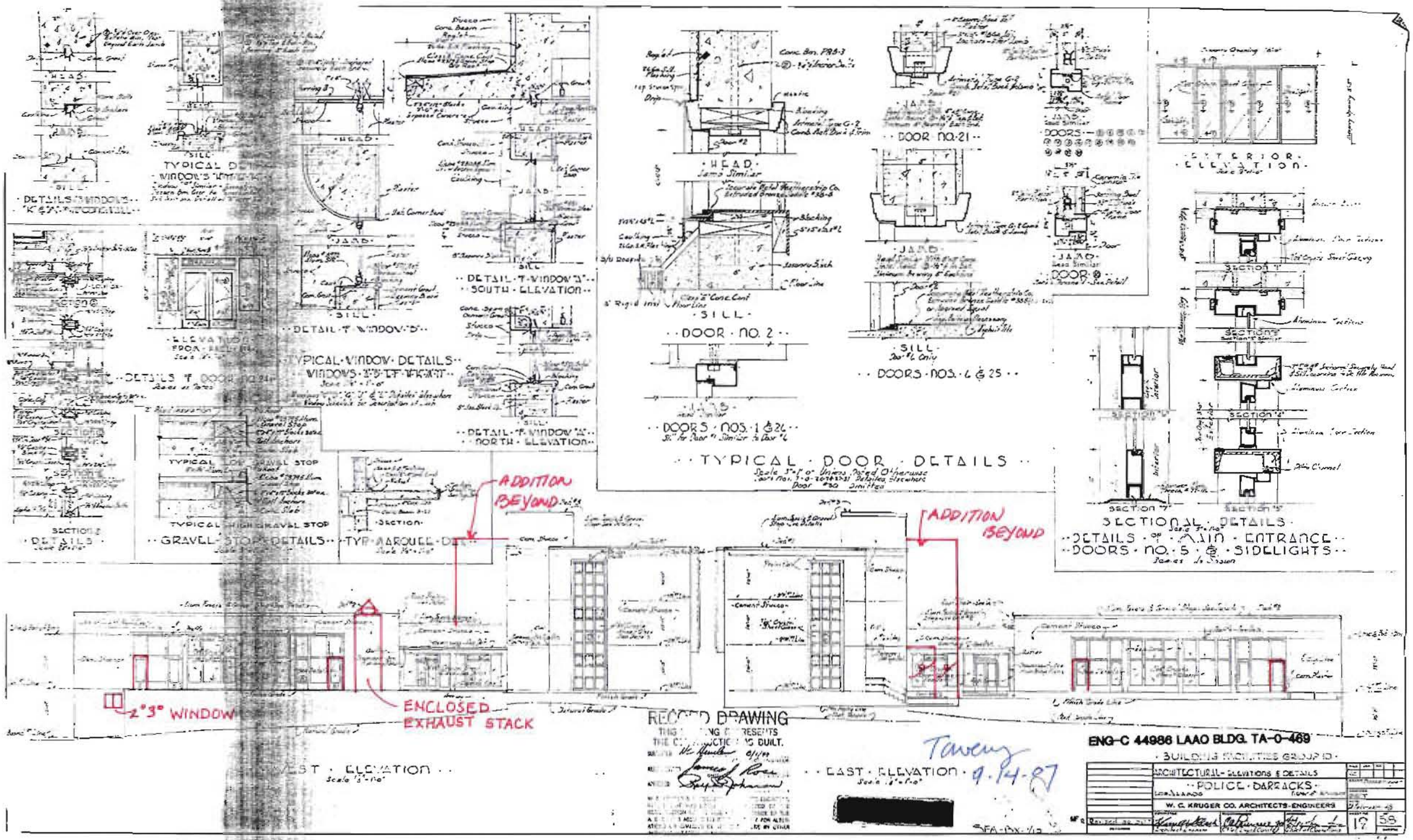
W. C. KRUGER CO. ARCHITECTS - ENGINEERS

Sheet No. 11 — Sheets 58

ENG-C 44986 LAAO BLDG TA-0-469 SFA-BX-1/11

TA-43 Bldg 39

11-98447-C


· DETAILS OF WINDOWS ·
· TYPICAL WINDOW DETAILS ·
· DETAIL "F" WINDOW "D" ·
· SOUTH · ELEVATION ·
· DETAIL "F" WINDOW "A" ·
· NORTH · ELEVATION ·
· DETAILS OF DOOR NO. 24 ·
· GRAVEL STOP DETAILS ·
· TYP. MARQUEE DETAILS ·
· DOOR NO. 21 ·
· DOOR NO. 2 ·
· DOORS NOS. 1 & 24 ·
· DOORS NOS. 6 & 25 ·
· TYPICAL DOOR DETAILS ·
· EXTERIOR ELEVATION ·
SECTIONAL DETAILS
· DETAILS OF MAIN ENTRANCE ·
· DOORS NO. 5 & SIDELIGHTS ·
ADDITION BEYOND
ADDITION BEYOND
2'3" WINDOW
ENCLOSED EXHAUST STACK
· WEST · ELEVATION ·
· EAST · ELEVATION ·
RECORD DRAWING
THIS DRAWING REPRESENTS THE CONSTRUCTION AS BUILT.
Tawney 9-14-87
ENG-C 44986 LAAO BLDG. TA-0-469
· BUILDING FACILITIES GROUP ·
ARCHITECTURAL - ELEVATIONS & DETAILS
· POLICE · BARRACKS ·
LOS ANGELES
W. C. KRUGER CO. ARCHITECTS-ENGINEERS
17
58

LANL TA- Building # 43-0041

Camera Digital photos by LNAL ENV-EAQ

Frame #s Photos on file at LNAL ENV-EAQ, Cultural Resources Team

Surveyor(s) S. McCarthy, J.Ronquillo/K.Towery/K. Garcia

Date 9/2005, 3/13/2006

Los Alamos National Laboratory CRT
Historic Building Survey Form

Building Name Steam Generating Plant (ULR-1051/TA-0-1051) UTMs easting 381246 northing 3971476 zone 13

Legal Description: Map USGS Guaje Mountain Quad tnsp 19N range 6E sec 16

Current Use/ Function Unoccupied; Storage Original Use/ Function Steam Generating Plant

Date (estimated) 1949 Date (actual) 1949 Property Type Support

Type of Construction

Pre-Fabricated Metal ☐ Steel Frame ☐ Wood Frame ☐ CMU ☐ Reinforced Concrete ☑

Other Type of Construction # of Stories 3

Foundation Reinforced Concrete

Exterior CMU-Exterior ☐ Reinforced Concrete-Exterior ☑ Steel (galvanized) ☐ Steel (corrugated) ☐

Wood Siding ☐ Asbestos Shingles-Exterior ☐ In-Fill Panels ☐ Other-Exterior

Exterior Treatment (painted, stuccoed, etc) Painted poured concrete and detail below the windows consists of scored painted corrugated formed concrete. There are numerous fixed and operable windows throughout. The south elevation contains the majority of the windows

Exterior Features (docks, speakers, lights, signs, etc)

Addition CMU-Addition ☐ Reinforced Concrete-Addition ☐ Steel (galvanized)- Addition ☐ Wood ☐

Steel (corrugated)-Addition ☐ Asbestos Shingles-Addition ☐ Other- Addition

Exterior Treatment-Addition

Exterior Features-Addition

Roof Form Slanted/Shed ☐ Gable ☐ Other Roof Type

Degree of Pitch/ Slope Slight

Roof Materials Corrugated Metal ☐ Rolled Asphalt ☐ Asbestos Shingles ☐ 4-Ply Built Up ☑

Other Roof Materials

Window Type Casement ☐ Single Hung Sash ☐ Double Hung Sash ☐ Fixed Window ☑

Other Window Type steel-framed awning style; numerous fixed and operable type windows

# of Each Window Type/ Comments

Glass Type Clear ☑ Wire Glass ☐ Opaque ☐ Painted Glass ☐ Glass Block ☐

Light Pattern

Door Type Personnel Door Types Exterior Fire Door ☐ Single ☑ Double ☐ Roll-up ☐ Sliding ☐
Hollow Metal ☑ Solid Wood ☐ 1/2 Glazed ☐ Paneled ☐
Louvered ☐ Painted ☐

Interior Fire Door ☐ Single ☐ Double ☐ Roll-up ☐ Sliding ☐
Hollow Metal ☐ Solid Wood ☐ 1/2 Glazed ☐ Paneled ☐
Louvered ☐ Painted ☐

Equipment Door Types Exterior Fire Door ☐ Single ☐ Double ☐ Roll-up ☐ Sliding ☐
Hollow Metal ☐ Solid Wood ☐ 1/2 Glazed ☐ Paneled ☐
Louvered ☐ Painted ☐

Interior Fire Door ☐ Single ☐ Double ☐ Roll-up ☐ Sliding ☐
Hollow Metal ☐ Solid Metal ☐ 1/2 Glazed ☐ Paneled ☐
Louvered ☐ Painted ☐

# of Each Door Type/Comments:

Interior Wall Gypsum Board ☐ Reinforced Concrete- Interior ☑
CMU- Interior ☐ Plywood ☐ Other- Interior
In-Wall Electrical Wiring ☐ On-Wall Electrical Wiring ☐

Ceiling Drop Ceiling ☐

Interior Comments (Equipment, etc)

Degree of Remodeling Minor

Condition Excellent ☐ Good ☐ Fair ☑ Deteriorating ☐ Contaminated ☐ Burned ☐

Associated Building ☐

If yes, list building names and #s

Integrity Good

Significance

Eligible Under Criterion A ☑ B ☐ C ☑ D ☐ Not Eligible ☐

DOE Themes

Nuclear Weapon Components and Assembly ☐ Nuclear Weapon Design and Testing ☐ Nuclear Propulsion ☐

Peaceful Uses: Plowshare, Nuclear Medicine, Nuclear Energy, Nuclear Science ☐ Energy and Environment: Research and Design Projects ☐

LANL Themes

Weapons Research and Design, Testing, and Stockpile Support ☐ Super Computing ☐

Reactor Technology ☐ Biomedical/Health Physics ☐ Strategic and Supporting Research ☐

Environment/Waste Management ☐ Administration and Social History ☑ Architectural History ☐

Recommendations/ Additional Comments Support building

Architectural Features (elevations)

Nice clean lines are exhibited by reinforced concrete frames and pilasters with large expanses of infill glazing and such details as "V-grooved" concrete that has been subsequently painted below windows on south elevation. The floor plan is divided into two main areas and is evident by the difference in elevation heights. The main section is three stories in height and houses the boiler room. A smaller second section is two stories in height. These are distintly exhibited on the exterior elevations where the boiler room has a dominant presence. Access to the building is limited with few exterior doors.

Total sq ft 5,748 Gross

Architect/ Builder W. C. Kruger Co. Architects - Engineers

Alterations

List of Drawings (Cntrl + Enter for para break)

ENG-C 45497
Sheet 35
TA-0, Bldg. 1051 (TA-43-41)
Steam Generating Plant
Structural – Foundation Plan and Details
February 23, 1948
Revised to as-built status of August 1, 1949

ENG-C 45497
Sheet 36
TA-0, Bldg. 1051 (TA-43-41)
Steam Generating Plant
Structural – Roof Framing Plan
February 23, 1948
Revised to as-built status of August 1, 1949

ENG-C 45497
Sheet 37
TA-0, Bldg. 1051 (TA-43-41)
Steam Generating Plant
Architectural – Floor Plans and Elevations
February 23, 1948
Revised to as-built status of August 1, 1949

ENG-C 45497
Sheet 38
TA-0, Bldg. 1051 (TA-43-41)
Steam Generating Plant
Architectural Details
February 23, 1948
Revised to as-built status of August 1, 1949

ENG-C 45497
Sheet 43
TA-0, Bldg. 1051 (TA-43-41)
Steam Generating Plant
Steam Piping & Equipment – Plan at Deaerator Platform
February 23, 1948
Revised to as-built status of August 1, 1949

ENG-C 45497
Sheet 45
TA-0, Bldg. 1051 (TA-43-41)
Steam Generating Plant
Steam Piping & Equipment - Sections
February 23, 1948
Revised to as-built status of August 1, 1949

ENG-R 5370
Steam Generating Plant
Ground and Upper Floor Plans
March 1, 1985



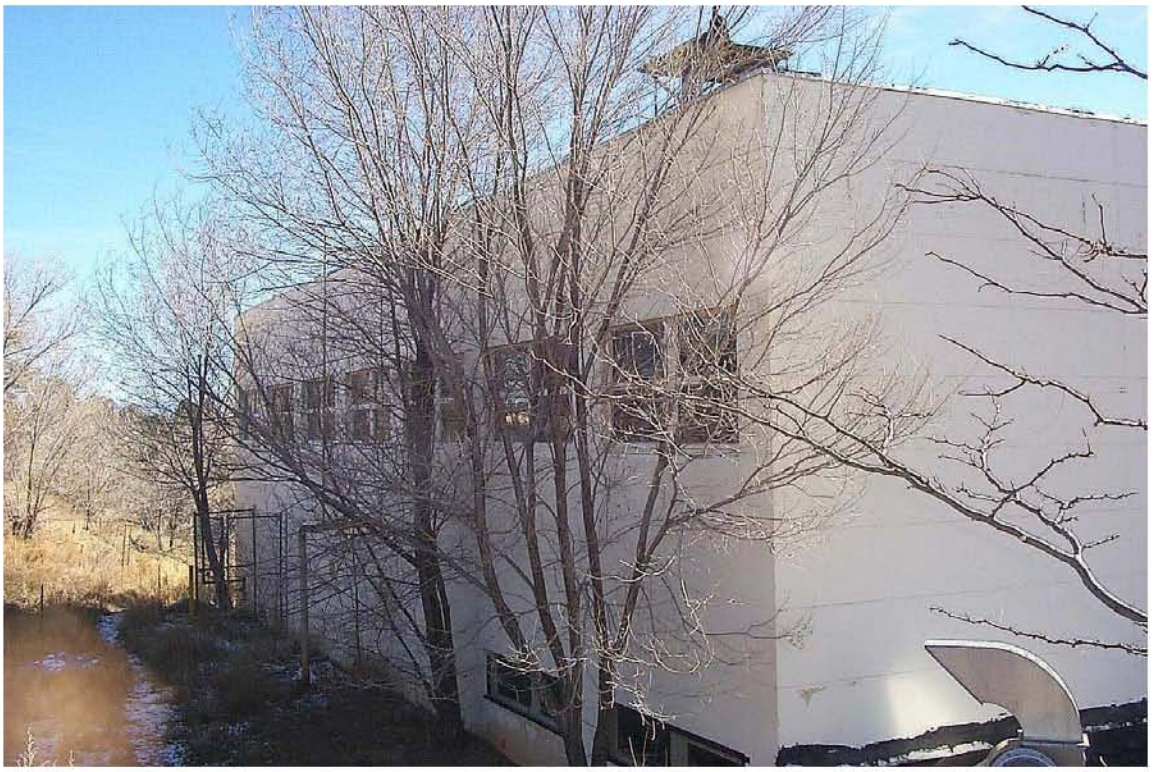
TA-43-41South and East Elevations



TA-43-41 West and South Elevations



TA-43-41 East and North Elevations



TA-43-41North and West Elevations



TA-43-41West Elevation

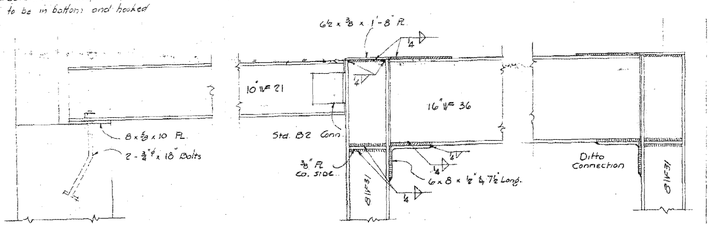
COLUMN NO.	1	2	3,4,5,6,7	8,9,10,11	12	13	14	15, 16	17	18-19,20-21	22
SIZE	12 x 12	12 x 12	8"WF 31	12 x 18	12 x 18	12" x 12	12 x 12	12 x 12	6"WF 15.5	8"WF 31	8"WF 31
REINFORCING	4 - $\frac{3}{4}$"	4 - $\frac{3}{4}$"		4 - $\frac{3}{4}$"	4 - $\frac{3}{4}$"	4 - $\frac{3}{4}$"	4 - $\frac{3}{4}$"	4 - $\frac{3}{4}$"			
TIES	$\frac{1}{4}$"@ 12"	$\frac{1}{4}$"@ 12"		$\frac{1}{4}$"@ 12"	$\frac{1}{4}$"@ 12"	$\frac{1}{4}$"@ 12"	$\frac{1}{4}$"@ 12"	$\frac{1}{4}$"@ 12"			
FOOTING TRANSVERSE	3'-2"	7'-$\frac{1}{2}$"	3'-6"	9'-$\frac{1}{2}$"	3'-2"	7'-$\frac{1}{2}$"	3'-8"	9'-$\frac{1}{2}$"	3'-8"	10'-$\frac{1}{2}$"	3'-6"
FOOTING LONGITUDINAL	3'-6"	4'-$\frac{1}{2}$"	3'-6"	4'-$\frac{1}{2}$"	3'-6"	4'-$\frac{1}{2}$"	3'-6"	4'-$\frac{1}{2}$"	3'-6"	4'-$\frac{1}{2}$"	3'-6"
FOOTING DEPTH	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
ELEVATION - TOP OF FOOTG.	79'-7"	79'-7"	79'-7"	75'-6"	75'-6"	79'-6"	79'-7"	79'-1"	79'-4"	79'-7"	75'-6"

COLUMN NO.	12	13	14	15, 16	17	18-19,20-21	22
FOOTING TRANSVERSE	12'-3$\frac{1}{2}$"	3'-9"	9'-$\frac{1}{2}$"	4'-0"	7'-$\frac{1}{2}$"	6'-2"	15'-$\frac{1}{2}$"
FOOTING LONGITUDINAL	12'-3$\frac{1}{2}$"	3'-0"	4'-$\frac{1}{2}$"	3'-6"	4'-$\frac{1}{2}$"	4'-2"	15'-$\frac{1}{2}$"
FOOTING DEPTH	12"	12"	12"	12"	12"	12"	11'-4
ELEVATION - TOP OF FOOTG.	75'-6"	79'-4"	79'-7"	79'-1"	79'-4"	79'-7"	75'-6"

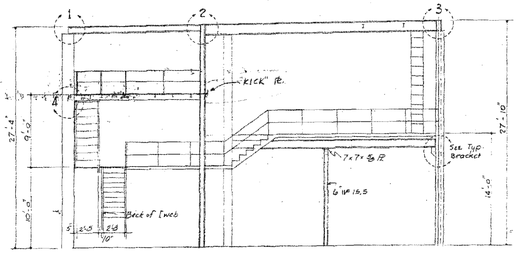
Transverse = perpendicular to wall
Longitudinal = parallel with wall
All footings centered on cols. except as noted
All footing bars to be in bottom and hooked

16-$\frac{3}{4}$" Stirrups (@1, 5, 22, 23, & 24) as shown

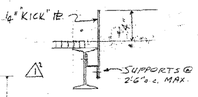
4 Bars in top; bend down 2 to bottom under col. at 12 span



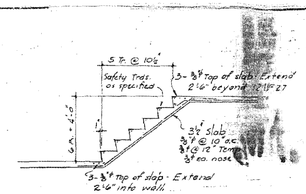
DETAILS 1 - 2 - 3 - 4
1" = 1'-0"



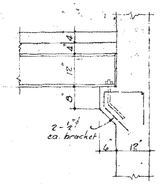
SEE WALL DETAILS SH #36
SECTION -A-A-



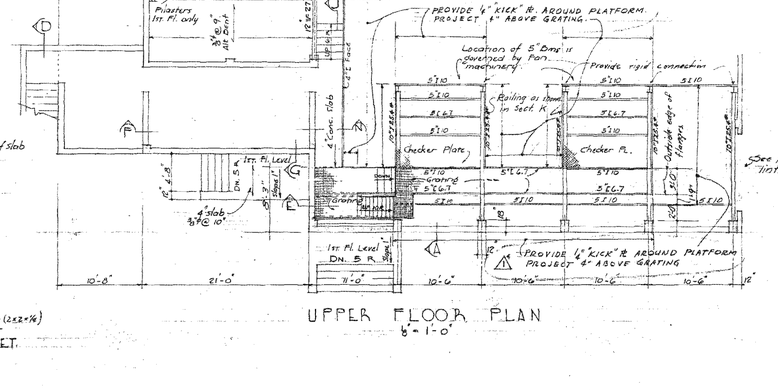
TYP. DETAIL OF "KICK" PL. CONNECT.
1" = 1'-0"



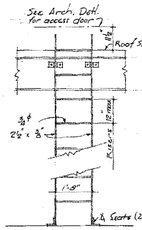
SECT. -J-



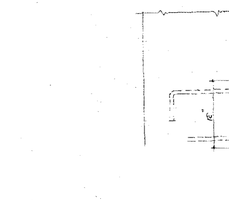
TYPICAL CONC. BRACKET DET.

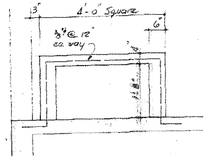


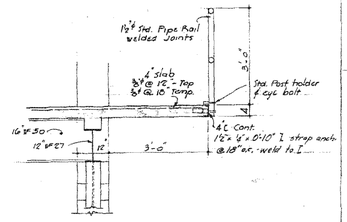
UPPER FLOOR PLAN
$\frac{1}{8}$" = 1'-0"

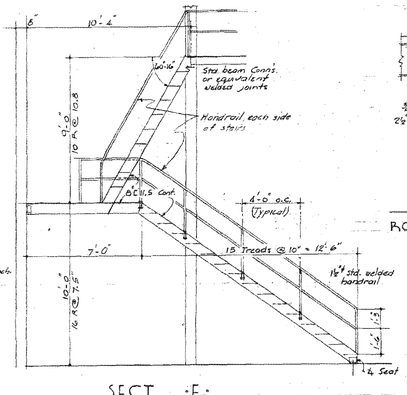


ROOF LADDER DET.

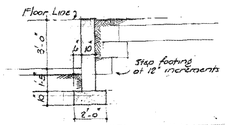






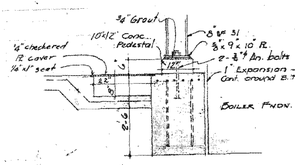


SECT. -E-
$\frac{1}{4}$" = 1'-0"

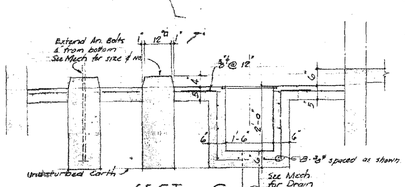


SECT. AT RETAINING WALL R

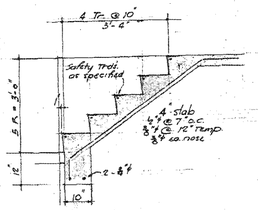
SALT STG. TANK BASE
$\frac{1}{4}$" = 1'-0"



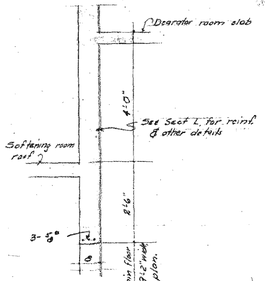
SECT. -H-



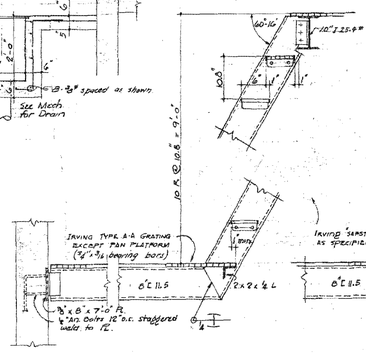
SECT. -C-
$\frac{1}{4}$" = 1'-0"



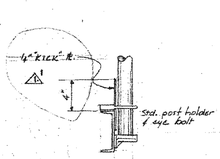
SECTS. S & T
$\frac{1}{4}$" = 1'-0"



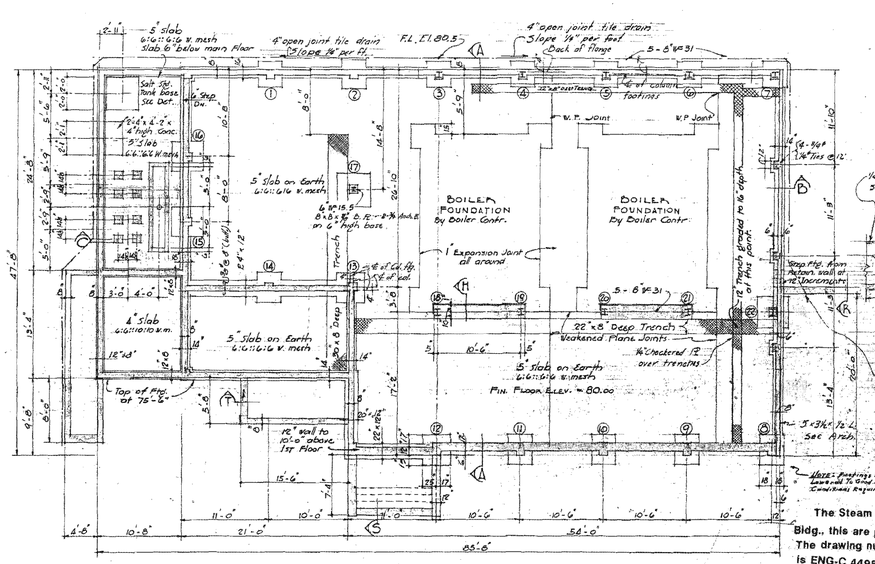
SECT. -Z-
$\frac{1}{2}$" = 1'-0"



CATWALK & STAIR DETAILS
$\frac{3}{4}$" = 1'-0"



RAILING SUPPORT



FOUNDATION PLAN
$\frac{1}{8}$" = 1'-0"

W. P. JOINT DET. (FOR FLOORS)
NOTE- Stop reinf. at joint

TRENCH DETAIL AT INTERSECTION
Tile to discharge thru wall

The Steam Plant was built with the LAAO Bldg., this are part of the set of 58 drawings. The drawing number for the rest of the set is ENG-C 44986.

Western Steam Plant
TA-0-1051

RECORD DRAWING
THIS DRAWING REPRESENTS THE CONSTRUCTION AS BUILT.
SUBMITTED ..... ARCHITECT - ENGINEER
RECOMMENDED ..... CHIEF, ENGINEERING DIVISION
APPROVED ..... CHIEF, ENGINEERING DIVISION
W. C. KRUGER & ASSOCIATES, ARCHITECTS-ENGINEERS, INC., SUBMIT THIS DRAWING AS A RECORD OF THE CONSTRUCTION AT THE TIME OF ACCEPTANCE BY THE A. E. C. AND ASSUME NO RESPONSIBILITY FOR ALTERATIONS OR CHANGES IN THE STRUCTURE BY OTHER AGENCIES SUBSEQUENT TO THAT DATE.

NOTES:
All concrete to be Class "B" (f'c - 2500 psi @ 28 days)
See wall sections th.* for wall reinf. & more complete details.
All wall footings 10' deep except as noted.
Grating - where indicated to be Irving type AA with $\frac{3}{4}$" x $\frac{3}{16}$" bearing bars, or equal.
Checkered floor plate to be $\frac{1}{4}$" thick steel plate.
See sheet 34 for additional notes.
Provide 2-#8 longitudinally in all wall footings less than 18" wide and 3-#8 in wall footing 18" wide or wider. Bars to be continuous.

REVISIONS	
18. 8-19-48 ADDED KICK PLS. J.J.	
19. BUILT 7/23/49 B.J.H.	

° BUILDING FACILITIES GROUP 10 °


STRUCTURAL - FOUNDATION PLAN & DETAILS
STEAM GENERATING PLANT
LOS ALAMOS NEW MEXICO.
W. C. KRUGER CO. ARCHITECTS-ENGINEERS

SUBMITTED ..... Architect-Engineer
RECOMMENDED ..... Chief Engr. & Constr.
APPROVED ..... Chief of Operations

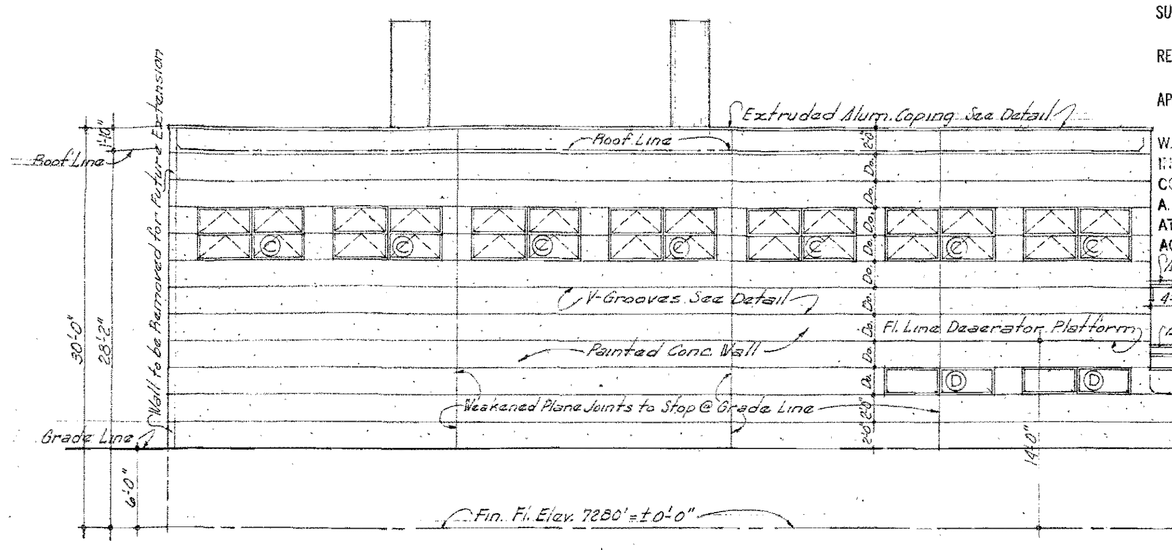
FILE | JOB NO.
DRAWN L.J.D.
CHECKED Giffels
DATE 23 February 1948
SHEET NO. 35 OF 58 SHEETS

REC'D ..... LOGGED ..... TO VAULTS

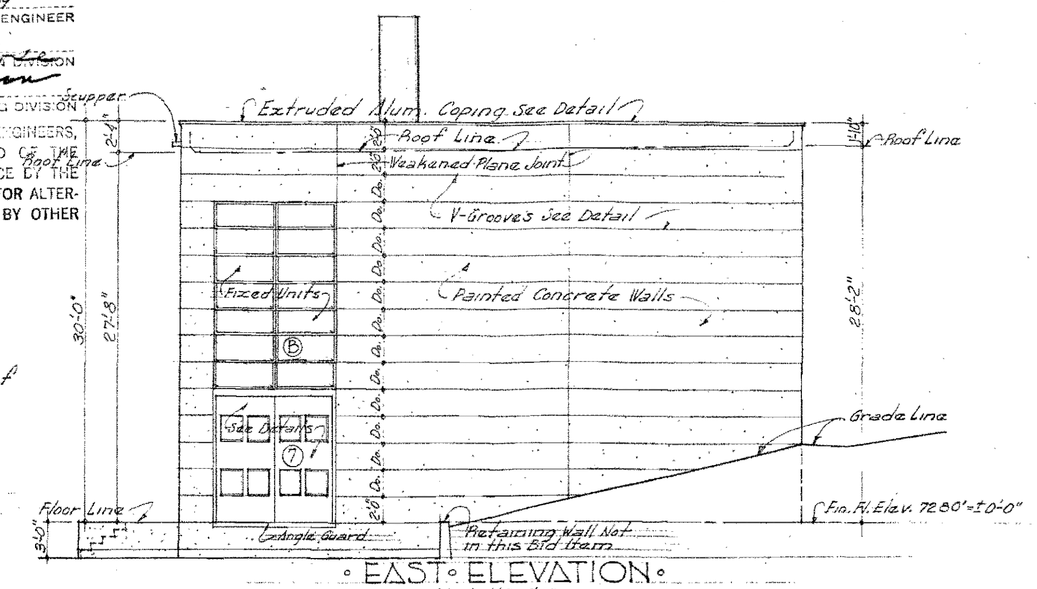
ENG-C 45497 NO L.J. SFA-BX-2/1.1


SECTION ·N·
SCALE - ½":1'-0"
SECTION A-A
SCALE ½" = 1'-0"
SEE SH. # FOR COMPLETE SECTION
SECTION ·G·
SCALE · ½":1'-0"
SECTION ·F·
SCALE · ½":1'-0"
SECTION ·L·
SCALE · ½":1'-0"
SECTION ·B·
SCALE · ¾":1'-0"
SECTION ·W·
SCALE · ¼":1'-0"
ELEVATION ·O·
SCALE · ½":1'-0"
SECTION ·X·
SCALE ½":1'-0"
SECTION ·P·
SCALE 1½":1'-0"
CORNER REINF.
Right angle bars of same lap may be substituted for bends
TYPICAL WALL OPENING REINFORCING
SECTION ·D·
⅜" = 1'-0"
SECTION ·M·
SCALE · ½":1'-0"
Above section typical for both ends of bms #1 & #2.
ROOF FRAMING PLAN
SCALE - ⅛":1'-0"
RECORD DRAWING
THIS DRAWING REPRESENTS
THE CONSTRUCTION AS BUILT.
SUBMITTED
ARCHITECT-ENGINEER
RECOMMENDED
CHIEF CONSTRUCTION DIVISION
APPROVED
W. C. KRUGER & ASSOCIATES, ARCHITECT-ENGINEERS, INC., SUBMIT THIS DRAWING AS A RECORD OF THE CONSTRUCTION AT THE TIME OF ACCEPTANCE BY THE A. E. C., AND ASSUME NO RESPONSIBILITY FOR ALTERATIONS OR CHANGES IN THE STRUCTURE BY OTHER AGENCIES SUBSEQUENT TO THAT DATE
NOTES
Western Steam Plant
TA-0-1051
ENG-C 45497 NO L.J.
BUILDING FACILITIES GROUP 10
STRUCTURAL - ROOF FRAMING PLAN
STEAM GENERATING PLANT
NEW MEXICO
W. C. KRUGER CO. ARCHITECTS-ENGINEERS
SUBMITTED
Architect Engineer
RECOMMENDED
Chief Engr. & Constr.
APPROVED
Chief of Operations
SHEET NO. 36
OF 58 SHEETS

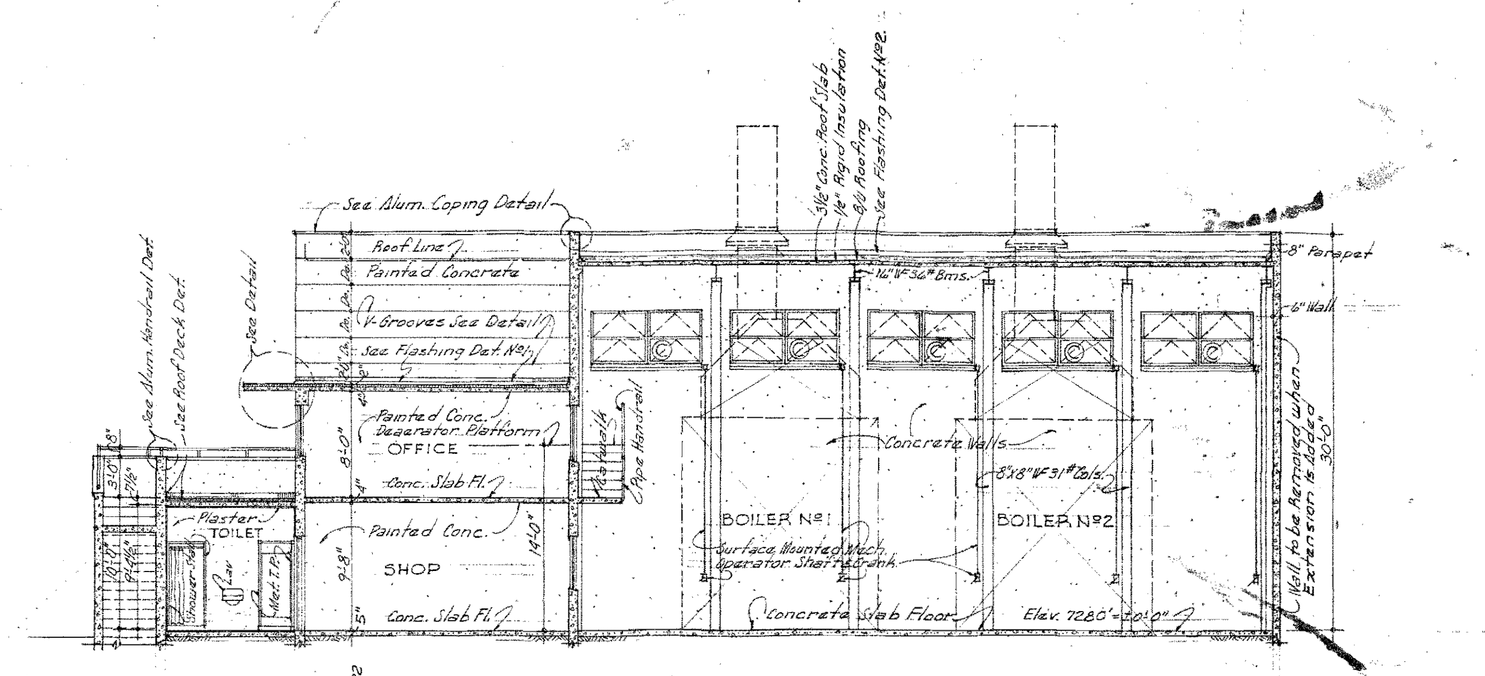
RECORD DRAWING
THIS DRAWING REPRESENTS THE CONSTRUCTION AS BUILT.
SUBMITTED H. C. Kruger 8/11/49 ARCHITECT - ENGINEER
RECOMMENDED James L. Rathbun CHIEF, ENGR. & CONSTR. DIVISION
APPROVED Basil Dunn CHIEF OF OPERATIONS
W. C. KRUGER & ASSOCIATES, ARCHITECTS-ENGINEERS, INC., SUBMIT THIS DRAWING AS A RECORD OF THE CONSTRUCTION AT THE TIME OF ACCEPTANCE BY THE A. E. C. AND ASSUME NO RESPONSIBILITY FOR ALTERATIONS OR CHANGES IN THE STRUCTURE BY OTHER AGENCIES SUBSEQUENT TO THAT DATE.



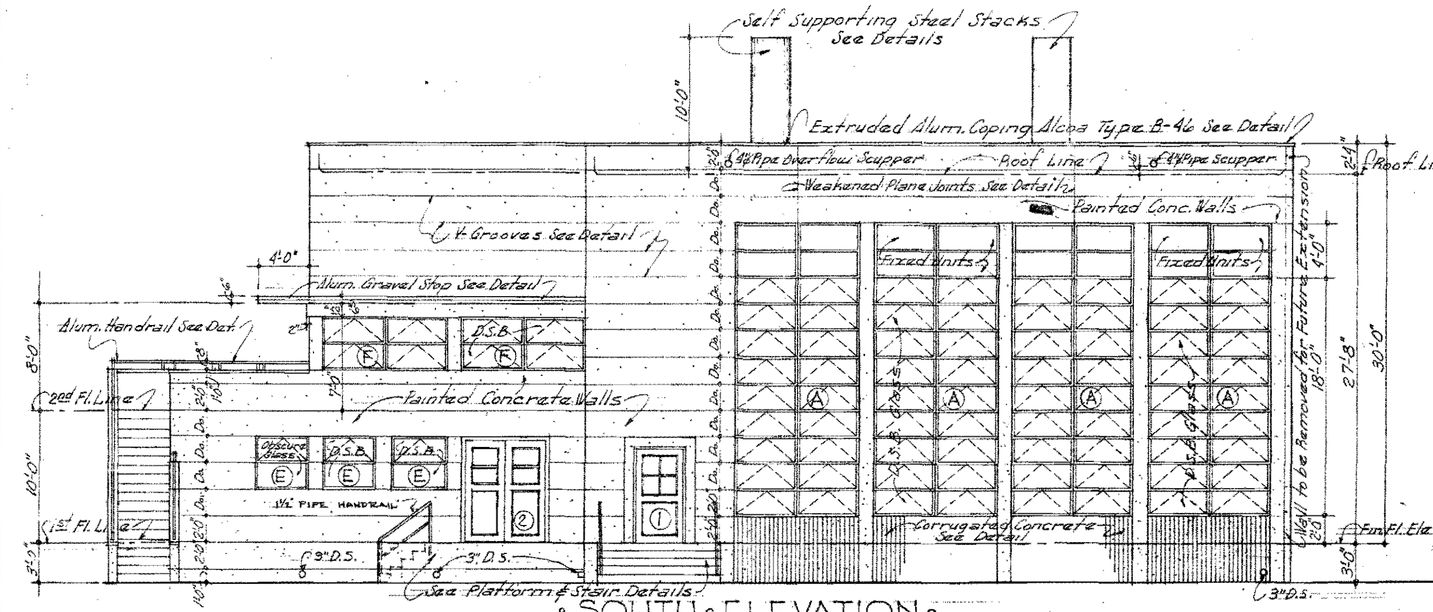
◦ NORTH ◦ ELEVATION ◦
Scale 1/8"=1'-0"

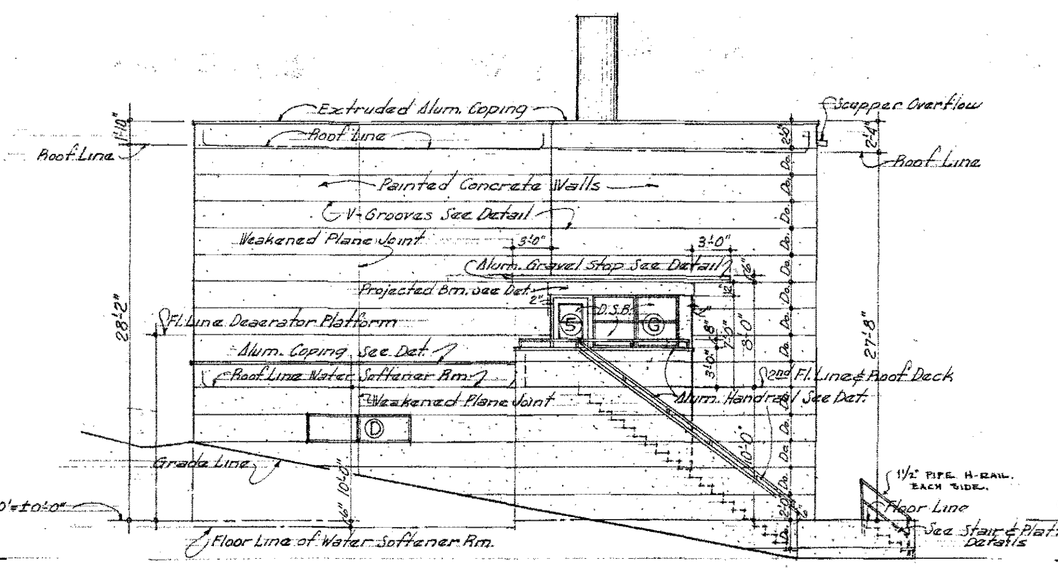


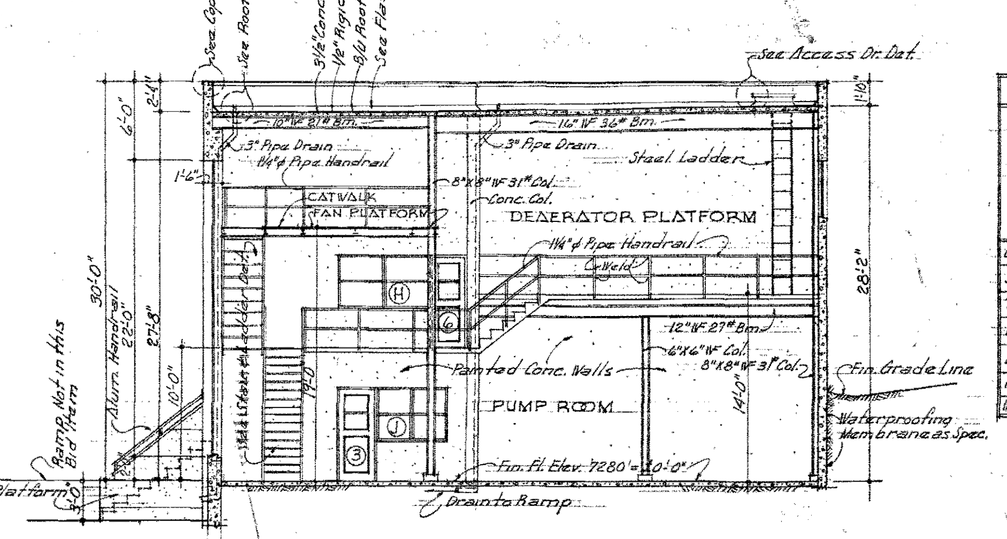
◦ EAST ◦ ELEVATION ◦
Scale 1/8"=1'-0"



◦◦ LONGITUDINAL ◦ SECTION ◦ Ⓩ-Ⓩ ◦◦
Scale 1/8"=1'-0"



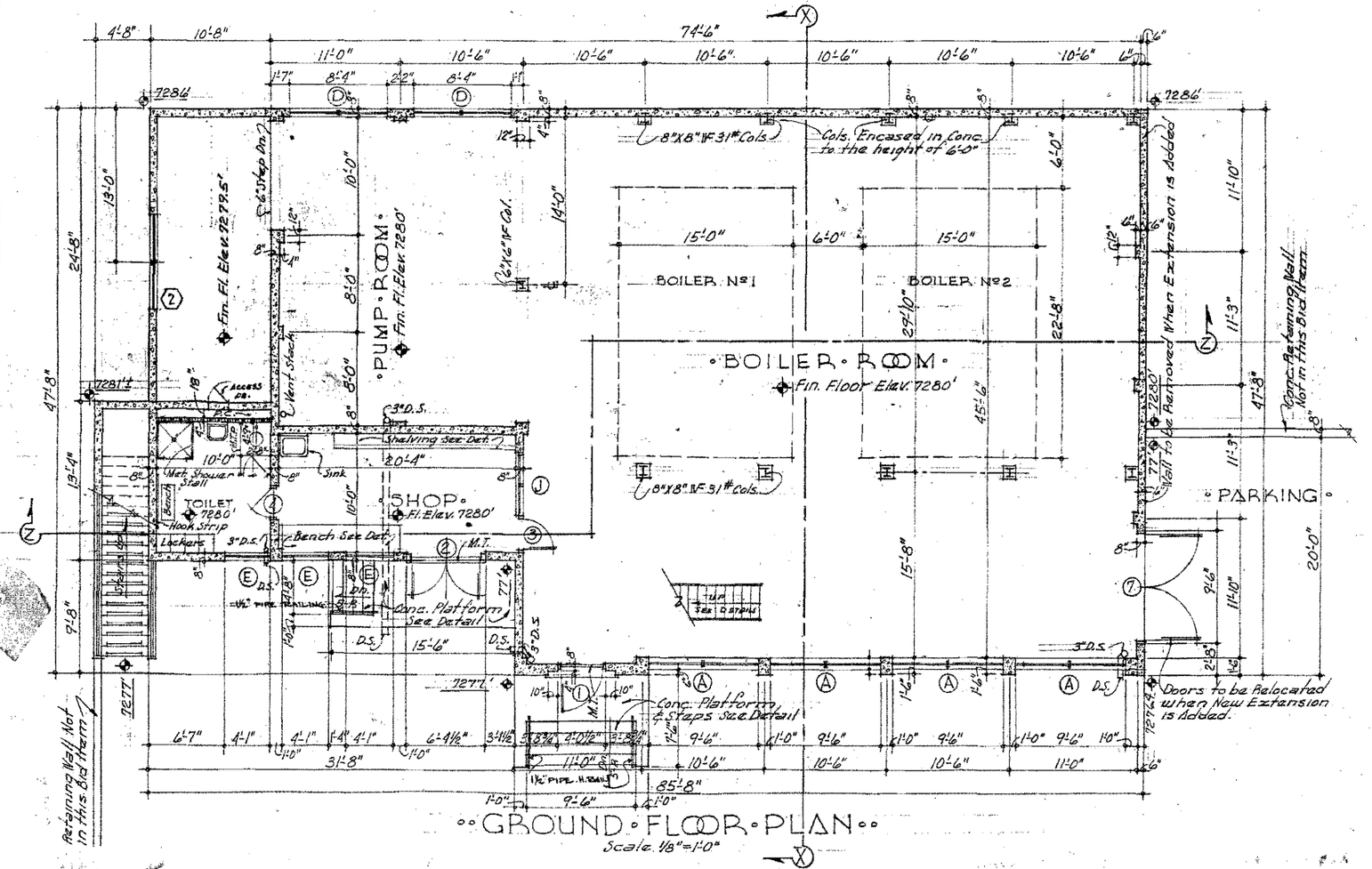


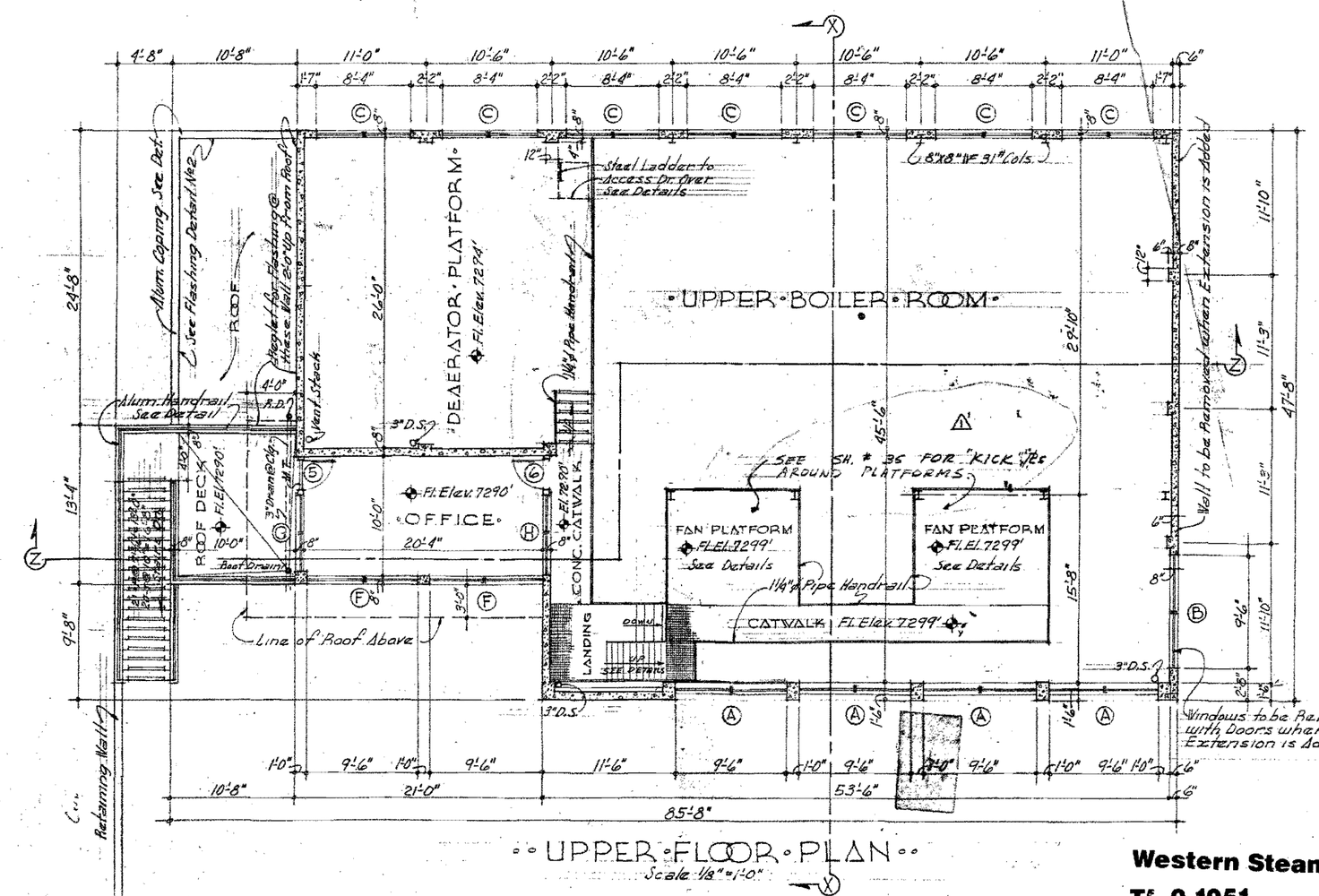


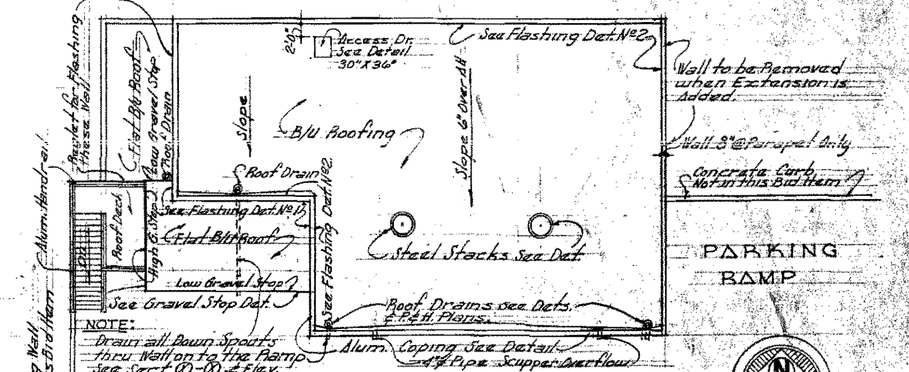
ROOM FINISH SCHEDULE

ROOMS	FLOOR: Concrete	FLOOR: Ceramic Tile	BASE: Concrete	BASE: Ceramic Tile	BASE: None	WALLS: Concrete	WALLS: Plaster on Conc.	CEILING: Concrete	CEILING: Plaster on Conc.	REMARKS
BOILER RM.	●				●	●				
SHOP	●				●	●				
TOILET RM.		●			●		●		●	
OFFICE	●				●	●				
DEAERATOR	●				●	●		●		
ROOF DECK	●				●	●				See Roof Deck Det.
W. SOFTENER RM.	●				●	●				

NOTE: All Concrete Surfaces to have Smooth Finish.







NOTE: See Plumbing Plans for openings in roof for Exhaust, Air, Flashings, & same to be Similar to that Detailed for the Stacks.

KEY TO MATERIALS

- Concrete
- Earth
- Masonry Block
- Stone
- Brick
- Tile
- Wood Finish
- Wood Rough
- Solid Plas. Partition
- Metal
- Metal
- Insulation Batt
- Rigid Insulation

ABBREVIATIONS

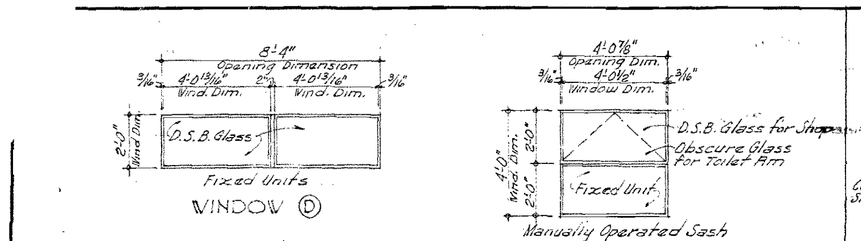
P.C. Pipe chase	Spec. Specifications
G.I. Galvanized Iron	Fl. Floor
Plas. Plaster	El. Elevation
Clg. Ceiling	DS. Downspout
P&H. Plumbing & Heating	Sect Section
S.S. Service Sink	Det Detail
M.T. Metal Threshold	MTP. Metal Toilet Partitions
Col. Column	W.I. Wrought Iron
Tele. Telephone	W.P. Waterproofing
Rad. Radiator	H.M. Hollow Metal
Dn. Down	S.M. Sheet Metal
Cem. Cement	C.I. Cast Iron
Conc. Concrete	◆ Existing Grade
W.C. Water Closet	◇ Finish Grade
Urin. Urinal	Asb. Cem. Asbestos Cement
Lav. Lavatory	

◦ BUILDING FACILITIES GROUP 10 ◦

MF	8-19-48 ADDED NOTE RE: ROOF DET.	ARCHITECTURAL - FLOOR PLANS & ELEV.	FILE	JOB NO.
E.	As Built 7/26/49 B.J.H.	◦◦ STEAM ◦ GENERATING ◦ PLANT ◦◦	KC	
A	REVISIONS AS PER LTR. DATED	LOS ALAMOS NEW MEXICO	DRAWN Hawkins	
		W. C. KRUGER CO. ARCHITECTS-ENGINEERS	CHECKED Dept.	
			DATE 23 Feb 1948	
REVISIONS		SUBMITTED Architect-Engineer / RECOMMENDED Chief, Engr. & Constr. / APPROVED Chief of Operations	SHEET NO. 37	OF 58 SHEETS

Western Steam Plant
T-0-1051

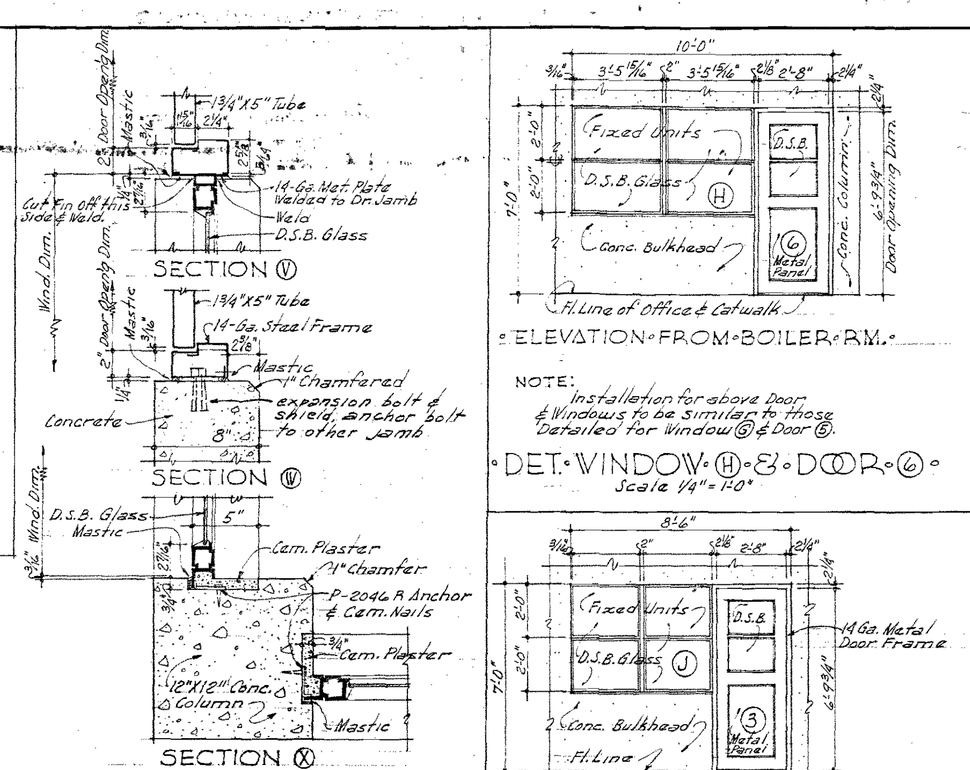
ENG-C 45497 NO L.J. SFA-BX-2/3.1



◦◦WINDOW◦SCHEDULE◦◦
Scale 1/4"=1'0"

NOTE:
All Windows are Donovan Awning Type Windows or Approved Equal. Whether Manually or Mechanically Operated is Noted on Drawings.

For Windows Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ & Ⓕ See Details this Sheet.

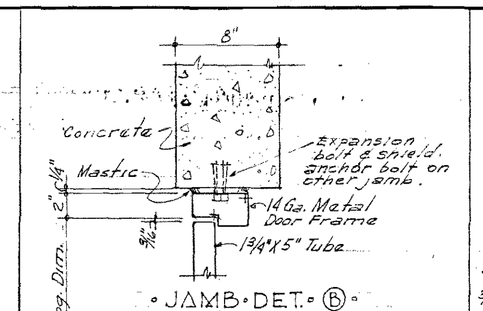


NOTE:
Installation for above Door & Windows to be Similar to those Detailed for Windows Ⓖ & Door Ⓑ.

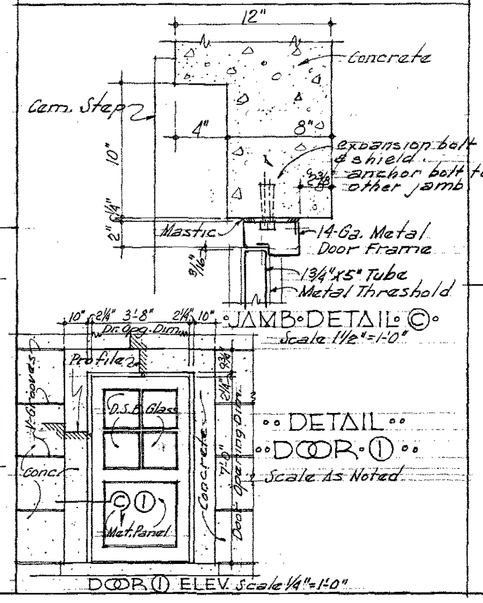
◦DET. WINDOW Ⓗ & DOOR ⑥◦
Scale 1/4"=1'0"

NOTE:
Installation for above Door & Windows to be Similar to those Detailed for Window Ⓘ & Door Ⓑ.

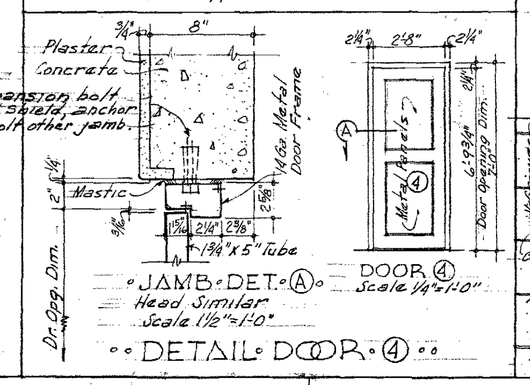
◦DET. WINDOW Ⓙ & DOOR ③◦
Scale 1/4"=1'0"



◦◦DETAIL DOOR ②◦◦
Scale 1/4"=1'0"

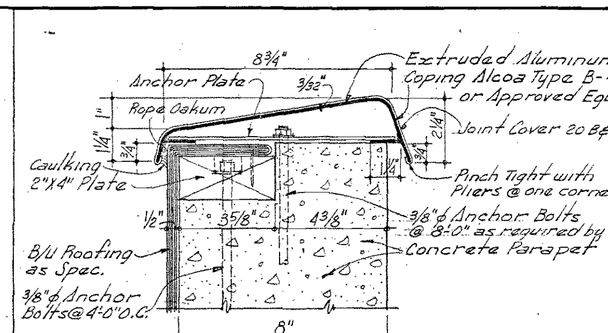


Scale 1/4"=1'0"

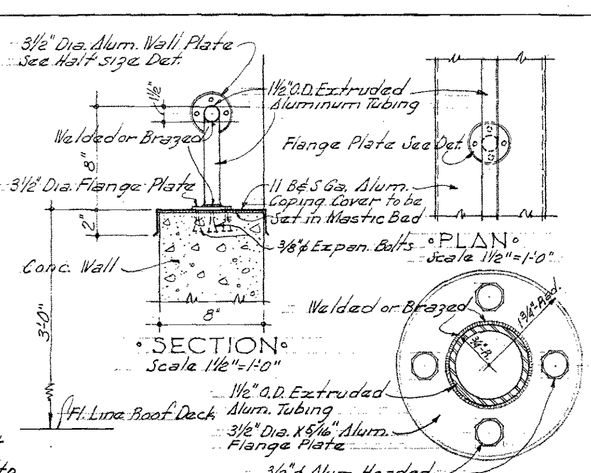


Scale 1/4"=1'0"

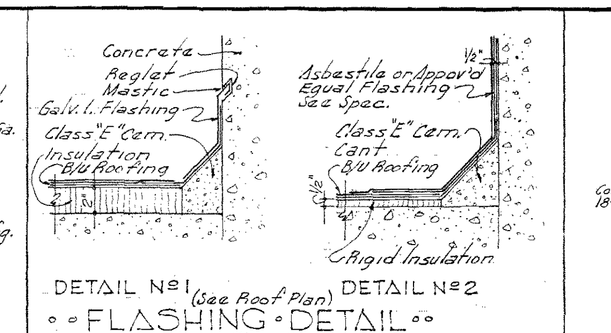
◦◦DETAIL DOOR ④◦◦
Scale 1/4"=1'0"



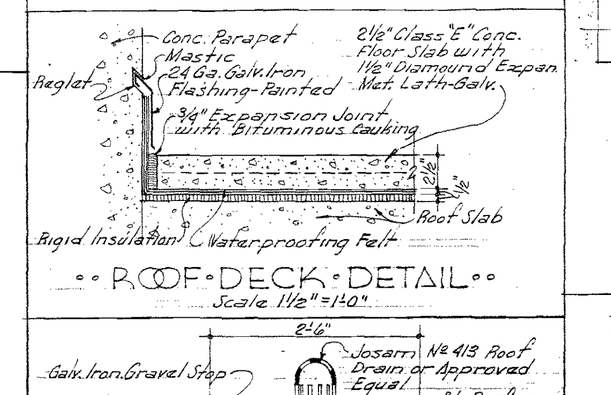
◦◦COPING◦DETAIL◦◦
Scale 3"=1'0"



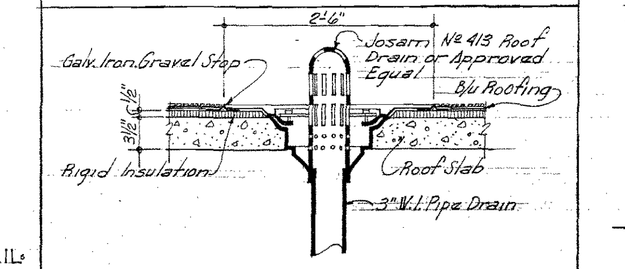
◦◦ALUMINUM◦HANDRAIL◦DETAIL◦◦
Scale As Noted



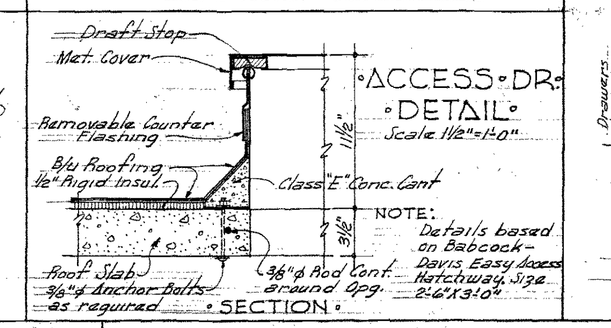
◦◦FLASHING◦DETAIL◦◦
Scale 1½"=1'0"

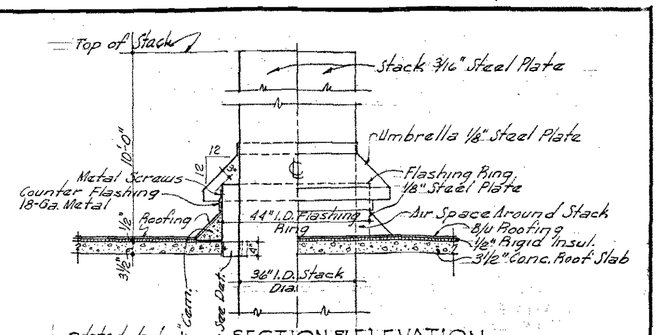


◦◦ROOF◦DECK◦DETAIL◦◦
Scale 1½"=1'0"

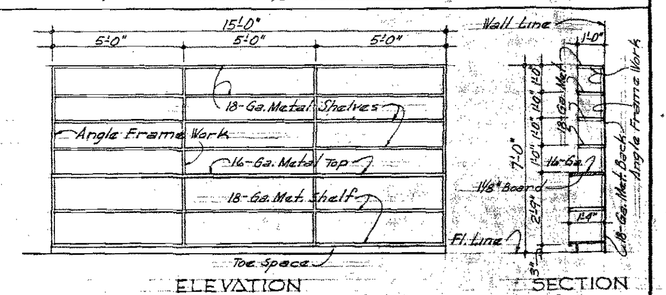


◦◦ROOF◦DRAIN◦DETAIL◦◦
Scale 1"=1'0"

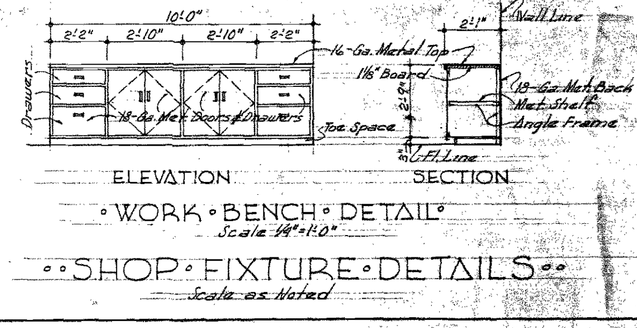




◦◦SMOKE◦STACK◦DETAIL◦◦
Scale 3/8"=1'0"

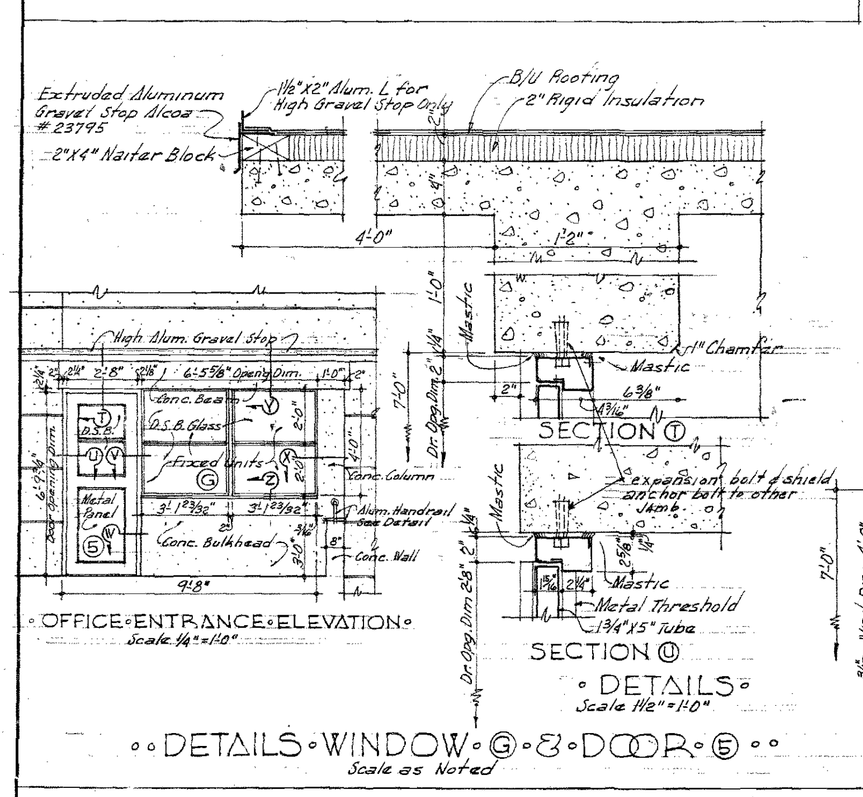


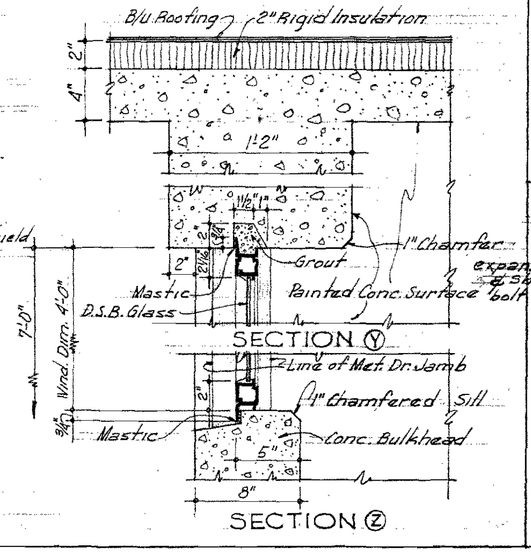
◦SHELVING◦DETAIL◦
Scale ¾"=1'0"

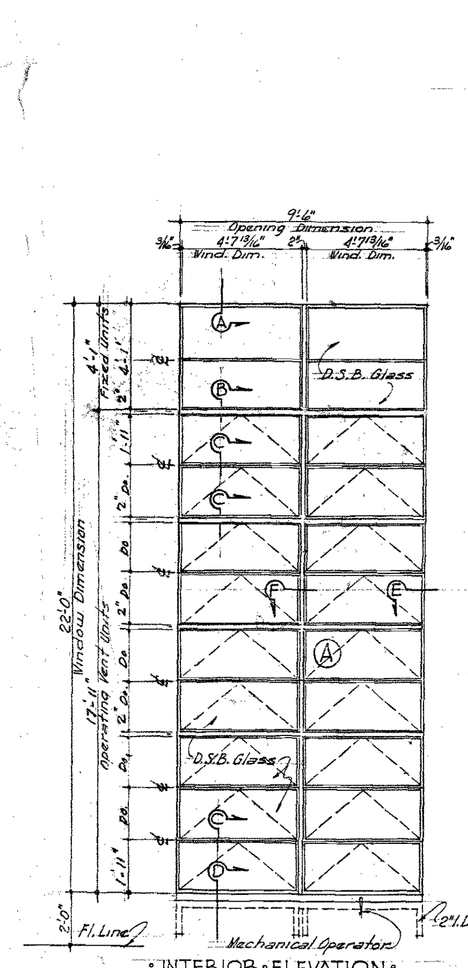


◦WORK◦BENCH◦DETAIL◦
Scale ¾"=1'0"

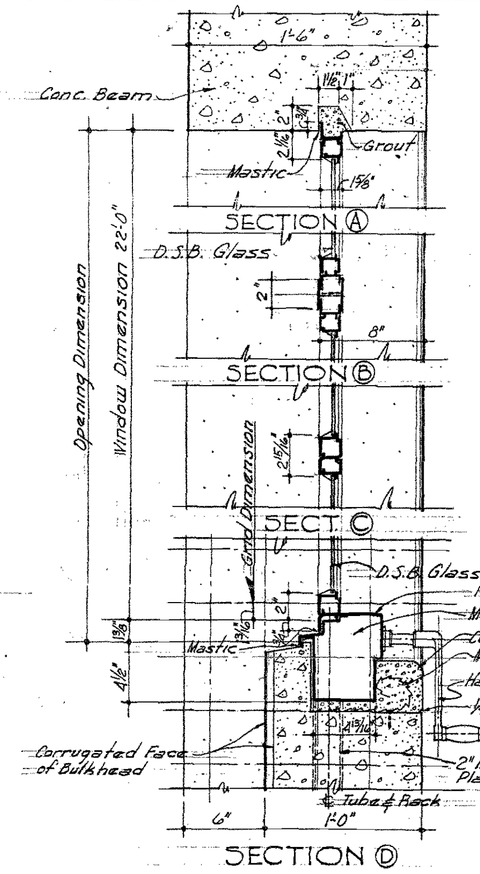
◦◦SHOP◦FIXTURE◦DETAILS◦◦
Scale as Noted

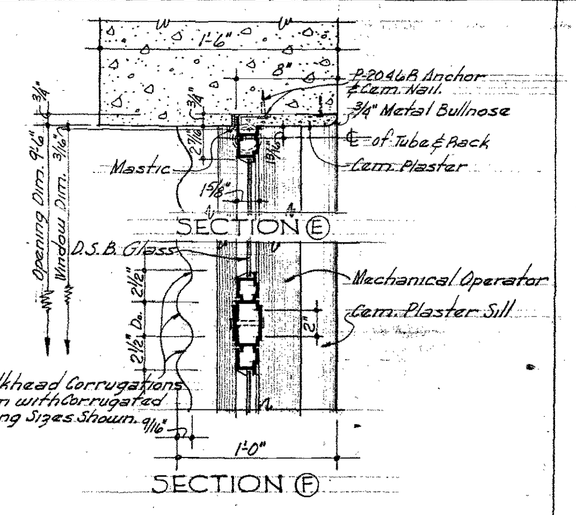






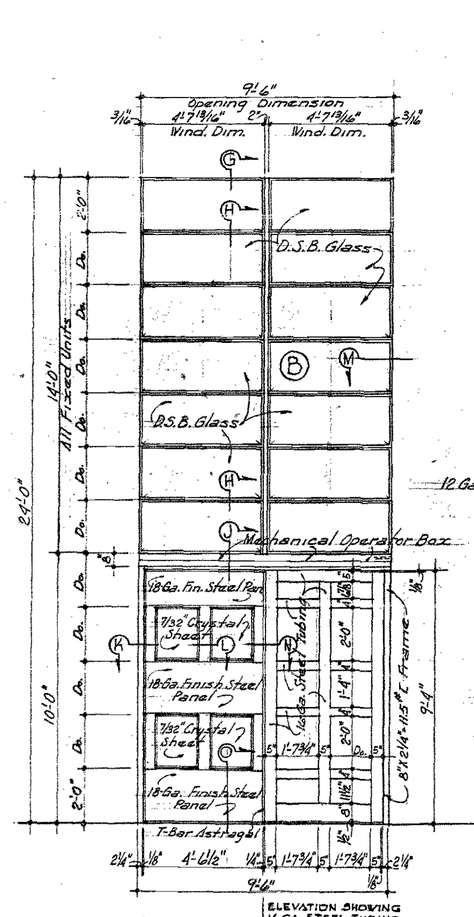
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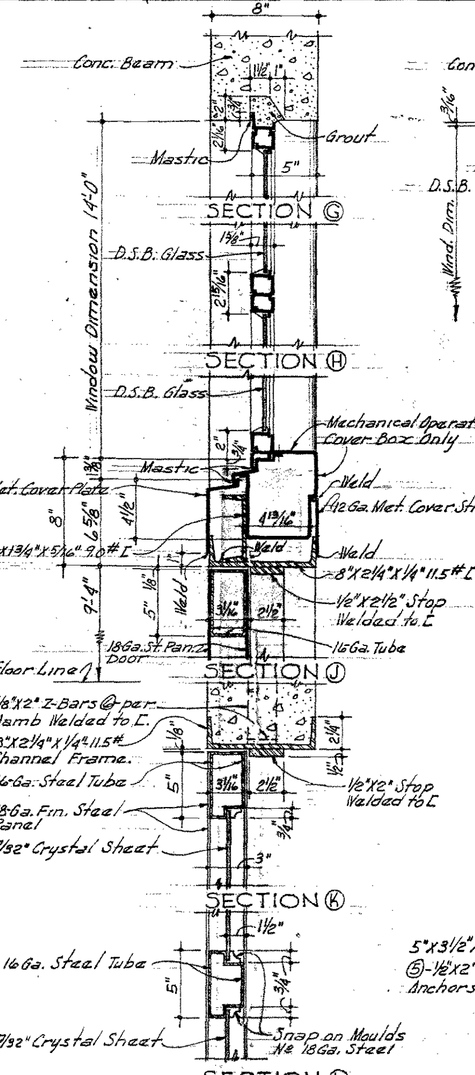
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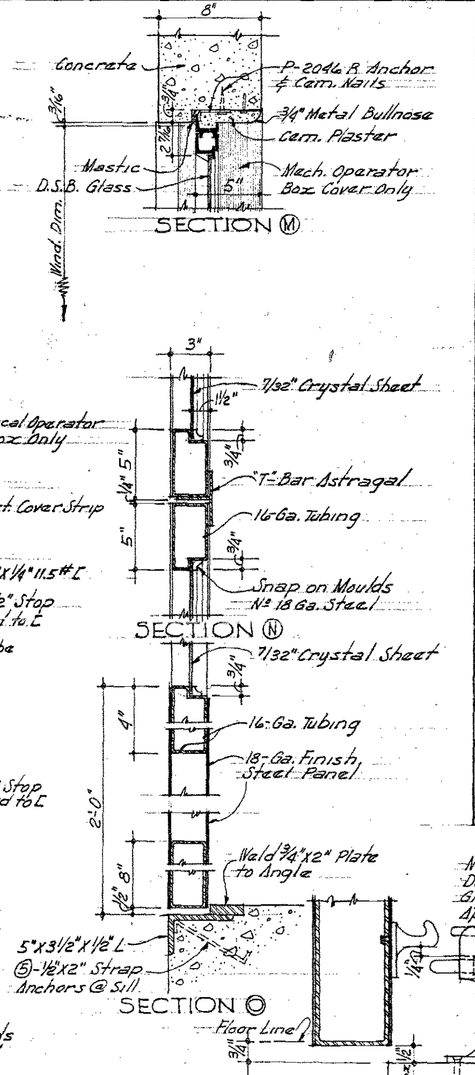
RECORD DRAWING
THIS DRAWING REPRESENTS THE CONSTRUCTION AS BUILT.
SUBMITTED ARCHITECT-ENGINEER
RECOMMENDED CHIEF, CONSTRUCTION DIVISION
APPROVED CHIEF, ENGINEERING DIVISION
W. C. KRUGER & ASSOCIATES, ARCHITECT-ENGINEERS, INC., SUBMIT THIS DRAWING AS A RECORD OF THE CONSTRUCTION AT THE TIME OF ACCEPTANCE BY THE A.E.C., AND ASSUME NO RESPONSIBILITY FOR ALTERATIONS OR CHANGES IN THE STRUCTURE BY OTHER AGENCIES SUBSEQUENT TO THAT DATE.

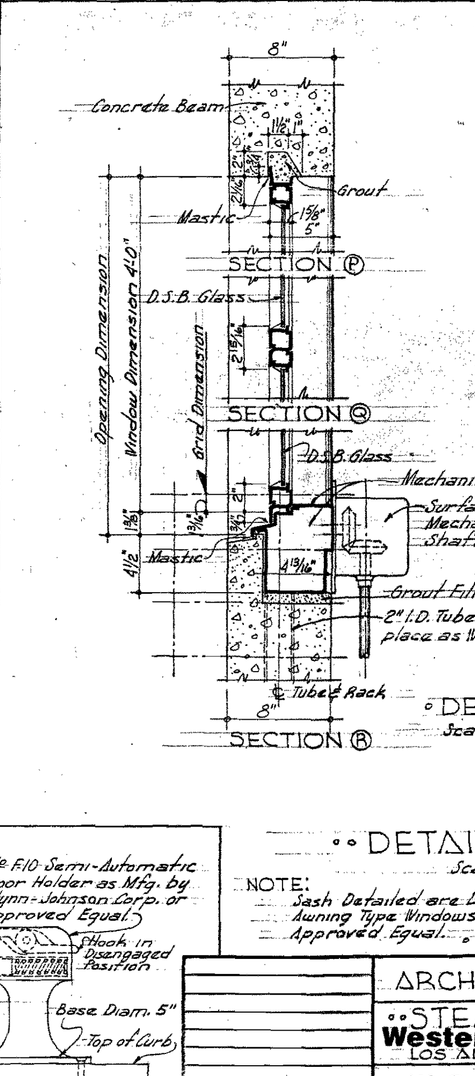


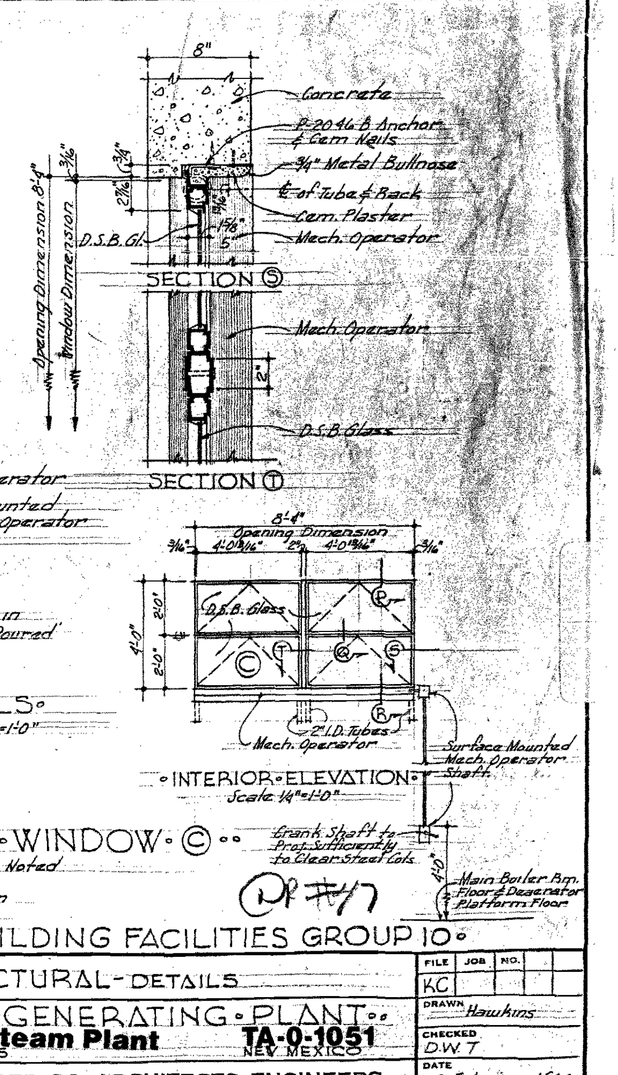
◦◦DETAIL WINDOW Ⓑ & DOOR Ⓕ◦◦
Scale as Noted

NOTE:
Sash Detailed are Donovan Awning Type Windows or Approved Equal.









◦◦DETAILS WINDOW Ⓒ◦◦
Scale as Noted

Crank Sash Ft to Fully Open Position to Clear Steel Sash

NOTE:
Sash Detailed are Donovan Awning Type Windows or Approved Equal.

Main Boiler Rm. Floor & Operating Platform Floor

◦BUILDING FACILITIES GROUP 10◦

ARCHITECTURAL-DETAILS

◦◦STEAM-GENERATING◦PLANT◦◦

Western Steam Plant TA-0-1051
LOS ALAMOS NEW MEXICO

W. C. KRUGER CO. ARCHITECTS-ENGINEERS

FILE	JOB NO.
KC	

DRAWN: Hawkins
CHECKED: D.W.T.
DATE: 23 February 1928
SHEET NO. 38 OF 58 SHEETS

SUBMITTED Architect-Engineer
RECOMMENDED Chief, Engr. & Constr.
APPROVED Chief of Operations

REVISIONS

REC'D LOGGED ✓ TO VAULT

ENG-C 45497 NO L.J. SFA-3X-2/4

73'-10" (INSIDE)

5'X16' DEAERATOR OVERFLOW TANK

B

21'-0"

100-10 P.S.I.

GAS PRESSURE REGULATOR

8"GAS SUPPLY

8"COND. RETURN UP FROM NEAR FLR.

4" VENT THRU ROOF

DEAERATOR -- PLATFORM

DN. TO STORAGE TANK

8" COND. RETURN

STORAGE TANK

CHEMICAL FEEDER UNIT (BLOW TANK) "DEPOSIT" OR EQUAL

PRESSURE TANK-45"X10'-0"

SUPPORT FROM CEILING

3" CHECK VALVE

30# RELIEF VALVE

CONTROL VALVE

3" GM

PLUMBER CONNECTS HERE

5" OUTLET FROM DEAERATOR. SEE PLAN OF PUMP ROOMS.

COND. FROM H.P. DRIP TRAPS

AIR VENT

FOR CONTINUATION SEE PLAN OF PUMP ROOM

SEE PLAN OF PUMP RM. FLR. & SECT. A-A

1½" DRAIN TO OVER FLOOR DRAIN

1½" DN. TO B.F. SUPPLY

3" FROM TANK BOTTOM

GAUGE GLASS

16'-10" STEAM

TIE BETWEEN BLOWDOWN & PUMP DISCHARGE

FOR CONTINUATION SEE PLAN OF PUMP RM.

DEAERATOR OVERFLOW PUMP

DRAIN WITH GATE VALVE AT BOTTOM OF TANK

ANGLE & STRAIGHTWAY VALVES

FLOOR TRENCH 12"W. x 8"D.

2½" BLOW-OFF

BLANK FLANGE FUTURE CONN.

ANGLE & STRAIGHTWAY V.

BLANK FLANGE

FLOOR TRENCH 12"W x 8"D.

3" B.F.

2½" DRAIN TO 12" ABV. FLR.

⅜" DRAINS

2½" BLOW-OFF

UP SEE SECT. B-B

6" STOP-CHECK V.

4" POP SAFETY VALVES

1-SET @ 120 P.S.I.
1-SET @ 122 P.S.I.
1-SET @ 124 P.S.I.

SECTION B-B

6" STOP-CHECK V.

STEAM 12" TO R.D. SET.

1½" AIR

3/4" COND. UP FROM F.O. SET

1" STEAM DN. TO F.O. SET

SEE SHT. 35A FOR DETAILS OF SUPPORT

H.W. CONVERTER (SEE PLUMBING & DETAIL OF PIPING)

EXHAUST UP TO "BEST" MUFFLER

EXHAUST UP FROM F.O. SET

DIAPHRAM VALVE

4" OVERFLOW

OIL SEPARATOR

4" GATE VALVE

2" 100# STEAM DN. TO F.W. PUMP

100# STEAM DN. TO F.W. PUMP

ROOF

OFFICE

1" STEAM DN. TO SHOP & TOILET

2-TUBE CONVECTOR-120"Lg. AT WINDOW HEAD

1" COND. UP FROM SHOP & TOILET

¾" STEAM DN. TO CONVECTOR

BOILER Nº 1

BOILER Nº 2

9'-0"

12'-6"

3'-0"

22'-8"

45'-6"

60"

5'-3"

6" COND. LINE OF BOILER PLANT TRENCH SLOPES

B.O. TRENCH 2" BELOW F.O. TRENCH HERE

DOORS TO BE RELOCATED WHEN NEW EXTENSION IS ADDED

FLOOR TRENCH-F.O. 22"W. x 8"D.

WATER COLUMN

INDUCED DRAFT FAN

3" GATE V. FAN PLATFORM

ORIFICE FOR STEAM FLOW, SEE SH. F FOR CONTROL PIPING.

4" UP FROM TURBINE

4" DRAIN

2½" TO SOOT BLOWER

CATWALK

UP

COMBUSTION CONTROL PANEL (ON FLOOR)

BLANK FLANGE

BLANK FLANGE FUTURE CONNECTION

16" STEAM HEADER

TO BOILERS

WASHDOWN BOOSTER PUMP

FLOW METER PLACE OUTSIDE

4" BLOW-OFF TANK VENT (TERMINATE IN EXHAUST HEAD).

8" B.O. TO BLOW-OFF TANK

AIR COMPRESSOR & RECEIVER (NOT FOR PNEUMATIC CONTROLS)

18'-5"

5'-9"

10'-0"

℄ OF TANK

EL. 77.00

BLOW-OFF TANK (SEE DETAIL)

¾" S. STEAM

G.A.V.

STEAM CONTROL V. WITH THERMOMETER

¾" H.W.

CONVERTER 150 G.P.M. @ 20 P.S.I. RATING PRESS. RISE 30°F TO 180°F

CHK. V.

COND. (RETURN)

¾" C.W.

G.A.V.

1" INVERTED BUCKET TRAP

STRAINER

DIRT LEG

CONNECTIONS TO CONVERTER

NO SCALE

RECORD DRAWING

THIS DRAWING REPRESENTS THE CONSTRUCTION AS BUILT.

SUBMITTED H. Kruger 2/11/49 ARCHITECT-ENGINEER

RECOMMENDED James J. Rose CHIEF, CONSTRUCTION DIVISION

APPROVED Kayser Johnson CHIEF, SERVICE DIVISION

W. C. KRUGER & ASSOCIATES, ARCHITECTS-ENGINEERS, INC., SUBMIT THIS DRAWING AS A RECORD OF THE CONSTRUCTION AT THE TIME OF ACCEPTANCE BY THE A.E.C. AND ASSUME NO RESPONSIBILITY FOR ALTERATIONS OR CHANGES IN THE STRUCTURE BY OTHER

Western Steam Plant
TA-0-1051
BUILDING FACILITIES GROUP 10

REVISIONS	
5	RENOVATIONS AS PER E-4270 - SEE SHTS. 1-2 & 2A
4	CROSS CONN. SEE ZED-19006-8-11-54-G
3	STANDBY HEAT 8/15/51
2	AS BUILT 7/28/49 B.J.H.
1	BOTH COND LINES TO TUNNELING MACHINE ROOM ON A.P. DETAIL
Δ	DEAERATOR PIPING REVISED 4/24/48

STEAM PIPING & EQUIP'T — PLAN AT DEAERATOR PLATFORM
STEAM GENERATING PLANT
LOS ALAMOS NEW MEXICO
W. C. KRUGER CO. ARCHITECTS-ENGINEERS

FILE	JOB NO.
kc	

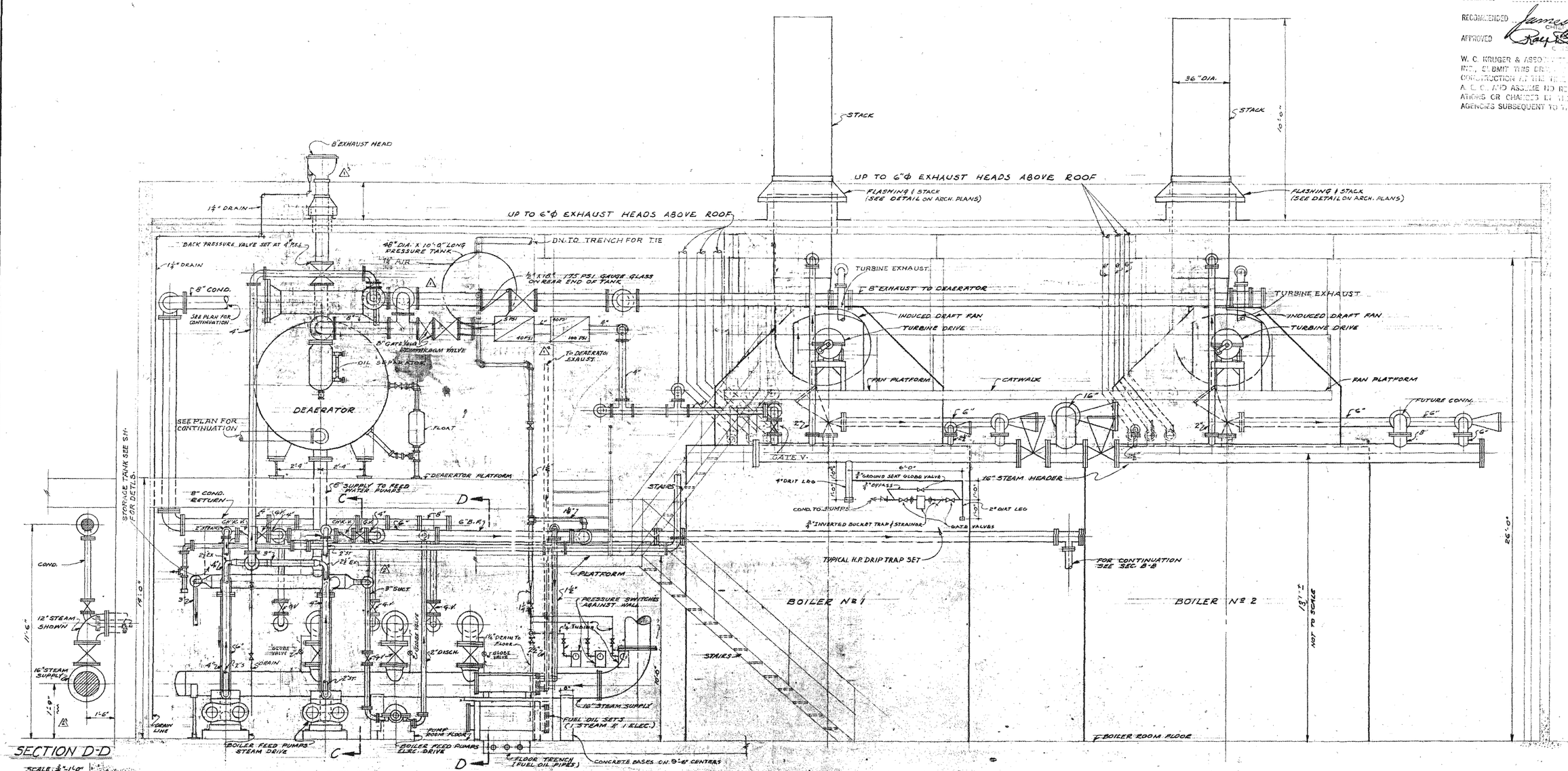
DRAWN Nelson
CHECKED Porter
DATE 23 Feb. 1948
SUBMITTED Kenneth Clark Architect-Engineer
RECOMMENDED W. C. Kruger & Assoc. Chief of Engr. & Constr.
APPROVED [illegible] Chief of Operations
SHEET NO. 43 OF 58 SHEETS

REC'D LOOSE ✓ TO VAULT

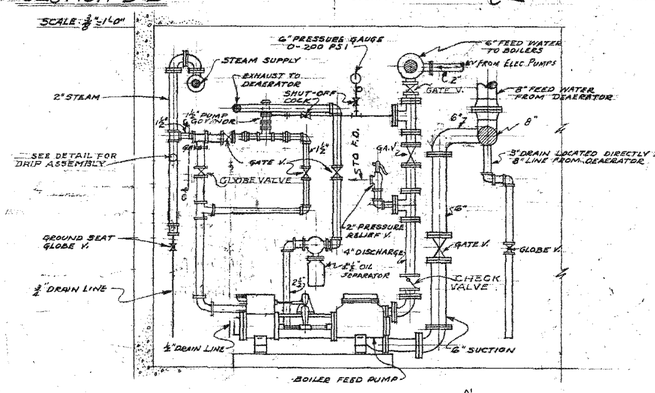
ENG-C 45497 NO L.J. SEA-BX-2

RECORD DRAWING
THIS DRAWING REPRESENTS
THE CONSTRUCTION AS BUILT.
SUBMITTED H. C. Hawkins 8/1/49
ARCHITECT - ENGINEER
RECOMMENDED James L. Rossi
CHIEF OF CONSTR. DIVISION
APPROVED Ralph R. Johnson
CHIEF OF OPERATIONS DIVISION

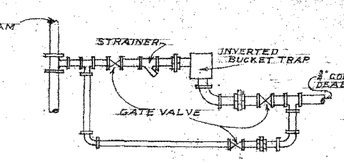
W. C. KRUGER & ASSOCIATES, ARCHITECTS-ENGINEERS, INC., SUBMIT THIS DRAWING AS A RECORD OF THE CONSTRUCTION AS THE SAME WAS ACCEPTED BY THE A. E. C. AND ASSUME NO RESPONSIBILITY FOR ALTERATIONS OR CHANGES IN THIS STRUCTURE BY OTHER AGENCIES SUBSEQUENT TO THAT DATE.



SECTION D-D



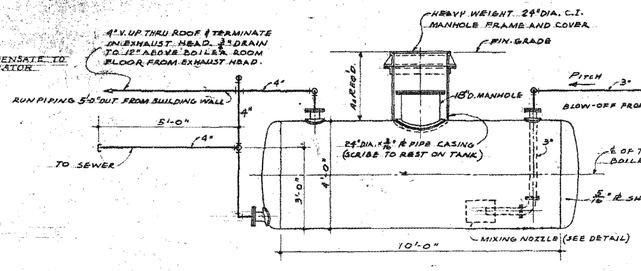
SECTION C-C
SCALE: ⅜"=1'-0"



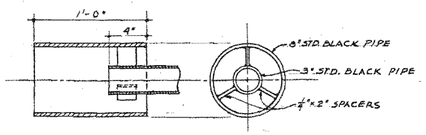
DETAIL C-C

NOTE:
ALL DRAIN LINES TO BE TERMINATED 12" ABOVE PUMP ROOM FLOOR

ELEVATION A-A
SCALE: ⅜"=1'-0"



BLOW-OFF TANK
SCALE: ⅜"=1'-0"



MIXING NOZZLE
SCALE: 1½"=1'-0"

Western Steam Plant
TA-0-1051

BUILDING FACILITIES GROUP 10

STEAM PIPING & EQUIPMENT — SECTIONS
STEAM GENERATING PLANT
LOS ALAMOS NEW MEXICO
W. C. KRUGER CO. ARCHITECTS-ENGINEERS

FILE KC | JOB | NO.
DRAWN Nelson
CHECKED Porter
DATE 23 Feb. 1948
SHEET NO. 45 OF 58 SHEETS

REVISIONS
As Built 7/28/49 A.J.H.
Suction Header Etc.
Change in Deaerator Piping. L.S.W. 7/16/49

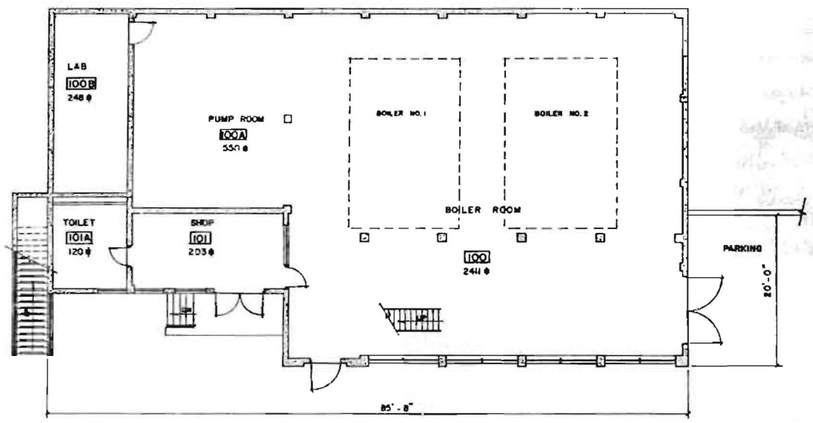
SUBMITTED Kenneth Clark Architect-Engineer
RECOMMENDED Chief of Engr. & Constr.
APPROVED Chief of Operations

RECD. LOCS ✓ TO VAULT 7/19/49

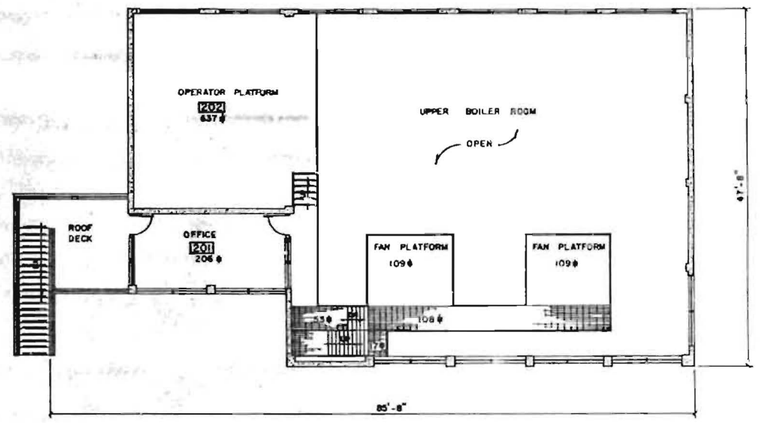
ENG-C 45497 NO L.J. SFA-BX-2/11/2

R 5370-1

old TA-0 Bldg 1051
new TA-43 Bldg 41



GROUND FLOOR PLAN



UPPER FLOOR PLAN

(1/8"=1'-0") 0 2 4 6 8 10 12 14 16 18 20
GRAPHIC SCALE

TOTAL SQ. FOOT = 4771

MF/MF	REV.	DATE	REVISION	BY	CKD	APP'D

UNIVERSITY OF CALIFORNIA
Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

FACILITIES ENGINEERING DIVISION

STEAM GENERATING PLANT
GROUND AND UPPER FLOOR PLANS

SEC. CLASSIFICATION
CLASS: U
REVIEWER: R. Ferran
DATE: 3-4-85

BLDG. 1051 TA-0

SUBMITTED	RECOMMENDED	APPROVED
Bruce Scharn	H.B. Stuart	W.T. Elliott

DRAWN	MP&B/MCM/AMB	DATE	SHEET NO.	DRAWING NO.
CHECKED	R. Ferran	3-1-85	1 OF 1	ENG-R5370

RICD LOGGED TO VAULT

18 17 B 9 8.5 A A 8.5 9 B 17 18

LANL TA- Building # 73-0002

Camera Digital photos by LANL ENV-EAQ

Frame #s Photos on file at LANL ENV-EAQ, Cultural Resources Team

Surveyor(s) S. McCarthy, J.Ronquillo/K.Towery/K. Garcia

Date 9/2005, 3/13/2006

Los Alamos National Laboratory CRT
Historic Building Survey Form

Building Name Incinerator Building (ULR-1123/TA-0-1123) UTMs easting 384909 northing 3971425 zone 13

Legal Description: Map USGS Guaje Mountain Quad tnsp 19N range 6E sec 14

Current Use/ Function Abandoned / Los Alamos County Storage Building Original Use/ Function Incinerator

Date (estimated) 1948 Date (actual) 1948 Property Type Support

Type of Construction

Pre-Fabricated Metal ☐ Steel Frame ☐ Wood Frame ☐ CMU ☐ Reinforced Concrete ☑

Other Type of Construction 12-inch-thick formed poured concrete # of Stories 1

Foundation Reinforced Concrete

Exterior CMU-Exterior ☐ Reinforced Concrete-Exterior ☑ Steel (galvanized) ☐ Steel (corrugated) ☐

Wood Siding ☐ Asbestos Shingles-Exterior ☐ In-Fill Panels ☑ Other-Exterior Concrete block infill

Exterior Treatment (painted, stuccoed, etc) Unfinished formed and poured concrete

Exterior Features (docks, speakers, lights, signs, etc) There is an 8 ft. covered dock area with full height wing walls.

Addition CMU-Addition ☐ Reinforced Concrete-Addition ☐ Steel (galvanized)- Addition ☐ Wood ☐

Steel (corrugated)-Addition ☐ Asbestos Shingles-Addition ☐ Other- Addition

Exterior Treatment-Addition

Exterior Features-Addition

Roof Form Slanted/Shed ☐ Gable ☐ Other Roof Type Flat concrete

Degree of Pitch/ Slope

Roof Materials Corrugated Metal ☐ Rolled Asphalt ☐ Asbestos Shingles ☐ 4-Ply Built Up ☑

Other Roof Materials

Window Type Casement ☐ Single Hung Sash ☐ Double Hung Sash ☐ Fixed Window ☐

Other Window Type Awning-style

# of Each Window Type/ Comments Window units covered with aluminum plates

Glass Type Clear ☑ Wire Glass ☐ Opaque ☐ Painted Glass ☐ Glass Block ☐

Light Pattern

Door Type Personnel Door Types Exterior Fire Door ☐ Single ☑ Double ☐ Roll-up ☐ Sliding ☐
Hollow Metal ☑ Solid Wood ☐ 1/2 Glazed ☐ Paneled ☐
Louvered ☐ Painted ☐

Interior Fire Door ☐ Single ☑ Double ☐ Roll-up ☐ Sliding ☐
Hollow Metal ☐ Solid Wood ☑ 1/2 Glazed ☐ Paneled ☐
Louvered ☐ Painted ☐

Equipment Door Types Exterior Fire Door ☐ Single ☐ Double ☑ Roll-up ☑ Sliding ☐
Hollow Metal ☐ Solid Wood ☑ 1/2 Glazed ☐ Paneled ☑
Louvered ☐ Painted ☐

Interior Fire Door ☐ Single ☐ Double ☐ Roll-up ☐ Sliding ☐
Hollow Metal ☐ Solid Metal ☐ 1/2 Glazed ☐ Paneled ☐
Louvered ☐ Painted ☐

# of Each Door Type/Comments:

Interior Wall Gypsum Board ☐ Reinforced Concrete- Interior ☑
CMU- Interior ☑ Plywood ☐ Other- Interior Brick
In-Wall Electrical Wiring ☐ On-Wall Electrical Wiring ☐

Ceiling Drop Ceiling ☐

Interior Comments (Equipment, etc) Six access holes penetrate the charging floor allowing garbage to be pushed to the stoking floor below.

Degree of Remodeling Minor

Condition Excellent ☐ Good ☐ Fair ☑ Deteriorating ☐ Contaminated ☐ Burned ☐

Associated Building ☐

If yes, list building names and #s

Integrity Fair

Significance Eligible

Eligible Under Criterion A ☑ B ☐ C ☐ D ☐ Not Eligible ☐

DOE Themes

Nuclear Weapon Components and Assembly ☐
Nuclear Weapon Design and Testing ☐
Nuclear Propulsion ☐
Peaceful Uses: Plowshare, Nuclear Medicine, Nuclear Energy, Nuclear Science ☐
Energy and Environment: Research and Design Projects ☐

LANL Themes

Weapons Research and Design, Testing, and Stockpile Support ☐ Super Computing ☐
Reactor Technology ☐ Biomedical/Health Physics ☐ Strategic and Supporting Research ☐
Environment/Waste Management ☐ Administration and Social History ☑ Architectural History ☐

Recommendations/ Additional Comments Support building

Architectural Features (elevations)

Total sq ft 2,816 Gross **Architect/ Builder** W.C. Kruger Co. Architects - Engineers

Alterations The incinerator and exhaust stack have been removed. Changes have been made to a roll-up garage door and windows have been covered by metal plates.

List of Drawings (Cntrl + Enter for para break)

ENG-C 48195
Sheet 1
TA-0, Bldg. 1123 (TA-73-2)
Incinerator **Building**
Plot **Plan**
May 23, 1947

ENG-C 48195
Sheet 2
TA-0, Bldg. 1123 (TA-73-2)
Incinerator **Building**
Structural – **Plans and Details**
May 23, 1947

ENG-C 48195
Sheet3
TA-0, Bldg. 1123 (TA-73-2)
Incinerator **Building**
Architectural – **Plans and Elevations**
May 23, 1947

ENG-C 48195
Sheet 4
TA-0, Bldg. 1123 (TA-73-2)
Incinerator Building
Architectural - Details
May 23, 1947

ENG-C 48195
Sheet 2
TA-0, Bldg. 1123 (TA-73-2)
Incinerator Building
Structural – **Plans and Details**
May 23, 1947
Revised to status of June 2007

ENG-C 48195
Sheet3
TA-0, Bldg. 1123 (TA-73-2)
Incinerator Building
Architectural – Plans and Elevations
May 23, 1947
Revised to status of August 15, 2007



TA-73-2 South and East Elevations



TA-73-2 East Elevation



TA-73-2 North and West Elevations



TA-73-2 North and West Elevations

- LEGEND -
Existing Contours
Finish Contours
Spot Elevations
Gravel Surfacing

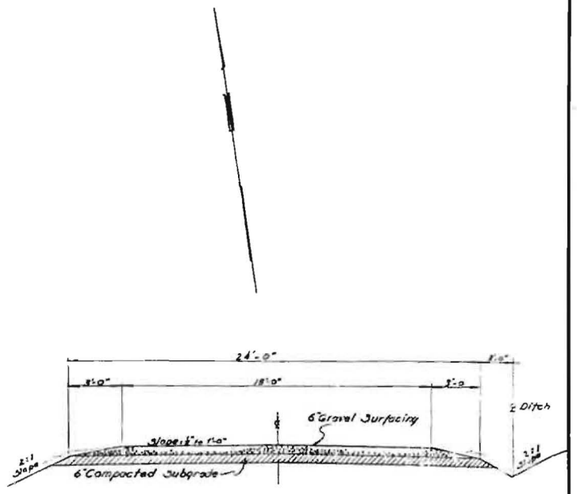
6"FC Pipe from floor drains
CANYON
RIM 2
6"FC Pipe
SEPTIC TANK
6"FC Pipe
Lower Fl. El. 3830
Upper Fl. El. 3835
Cable Line Oil Return
Oil Tank (Fuel) Capacity 1000 Gal. 84"x24"
Gravel Trail to Surfacing
Gravel Trail to Surfacing
8" Steel Pipe Culvert
F.L. 473
Gravel
Gravel
Sanitary Fill
137.6'
45.0'
184.3'
Existing Gravelled Road
Airstrip
135°07'
191.1'
Road
SITE PLAN
1" = 20'

CANYON
RIM 2
150.0' To ℄ of Airstrip
℄ Airstrip
3"Ø 6 Wire 6 in. conduit
Vert. c. Riser on pole Terminate with Serv. Head at this level.
Incinerator
3/4"ø Galv. Iron Rod 3/8" Guy Strand
3/8"ø 6 Strand Galv. Iron Messenger
3"ø, Bare HD Copper
Open Delta Conn. Neutral, 3ø, 4 Wire
℄ Clear 15' each side of centerline
Sanitary Fill
AIRSTRIP ROAD
2" Galv. Steel-Gas
2" Black Wrought Iron-Water
2" Gatevalve & C.I. Box
Exist. 6" Water Line
PLANT ST.
GRADED - SLIDE ANGLE 1:1
Airstrip ℄'s Grade
Sanitary Fill
CANADIAN ROAD
EAST ROAD
Exist. 4" Sub Main & C.I. Box
Exist. 4" R.R. Steel Gas Main
Exist. 4" Steel Water Main
Note: welded Conn. reinf. with saddles. Provide 3 wing Joints adj. to mains.
LOCATION PLAN & UTILITIES
1" = 100'

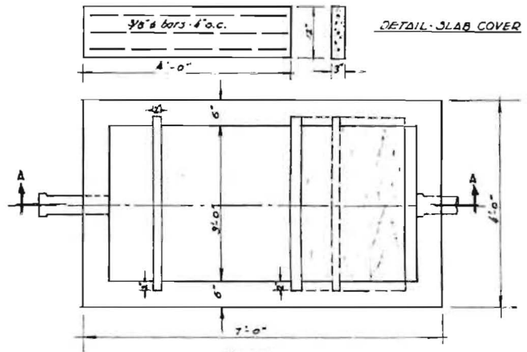
- ELECTRICAL LEGEND -
Existing Power Pole
Existing Transformer
New Primary 3 wire 13.2 K.V.
New Power Pole - Weight & Class
New Underground Service
New Transformer ø K.V.A. Rating
New down Guy

Exist. 15 ø 6.6 K.V. pri. Line
Const. Steel Span C.L. to C.L. poles
Dbl. 6 arm cl. for pole for Stmr. 22 Pin Cut for 6 arm, 3 1/2" Gains per R.L.
Exist. Fire Hydrant
Exist. Fence
EAST
Lt. ties exist. transf. dbl. arm and 6 reg. steel dbl. 6.0" arm for single span D.E. on bldg. Top pole to have hole for clamps.

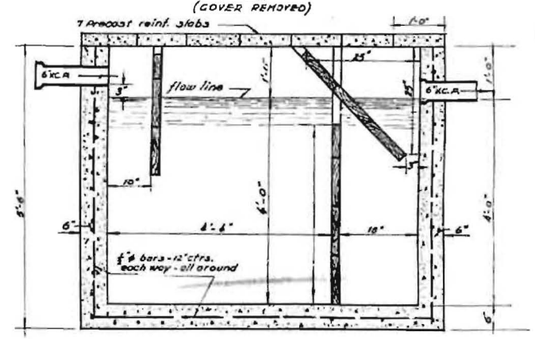
RECORD DRAWING
THIS DRAWING REPRESENTS THE CONSTRUCTION AS BUILT.
DATE 6/28/48



• TYPICAL ROAD SECTION •



• PLAN •
(COVER REMOVED)



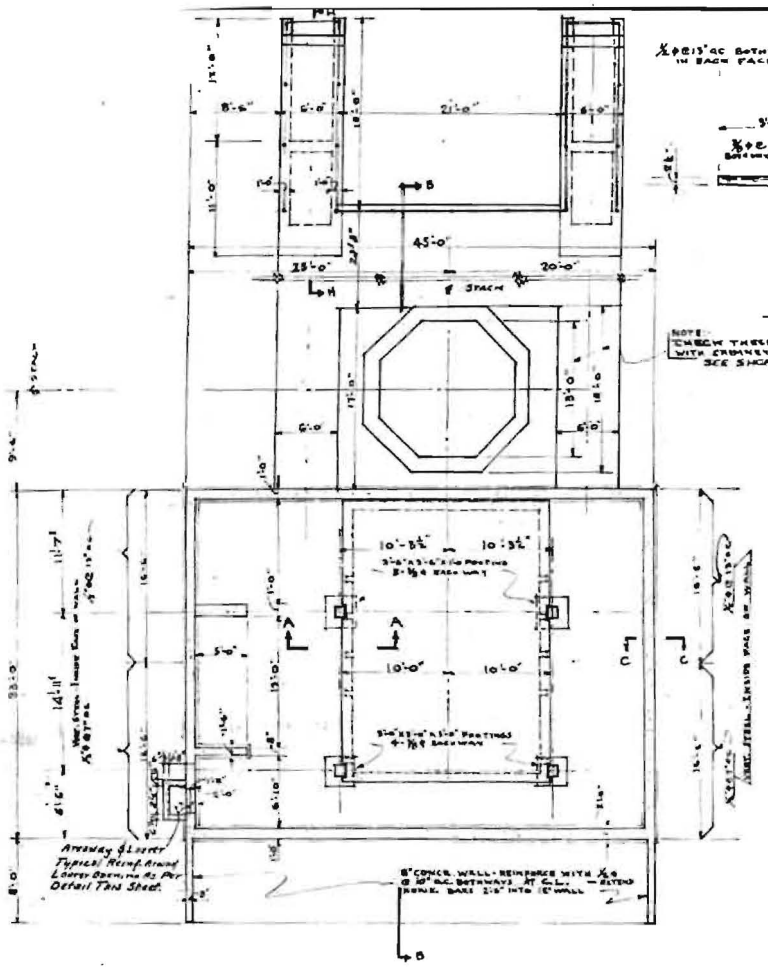
• SECTION A-A •

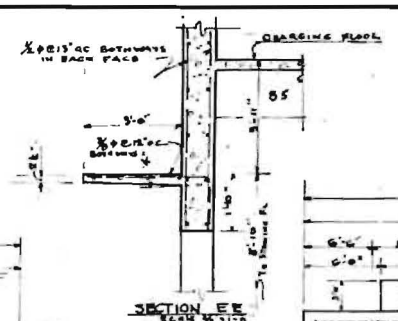
• SEPTIC TANK •
SCALE: 1/2" = 1'-0"

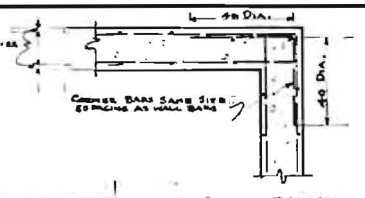
Note: Conc. Pipe may be used in place of V.C. pipe in all lines

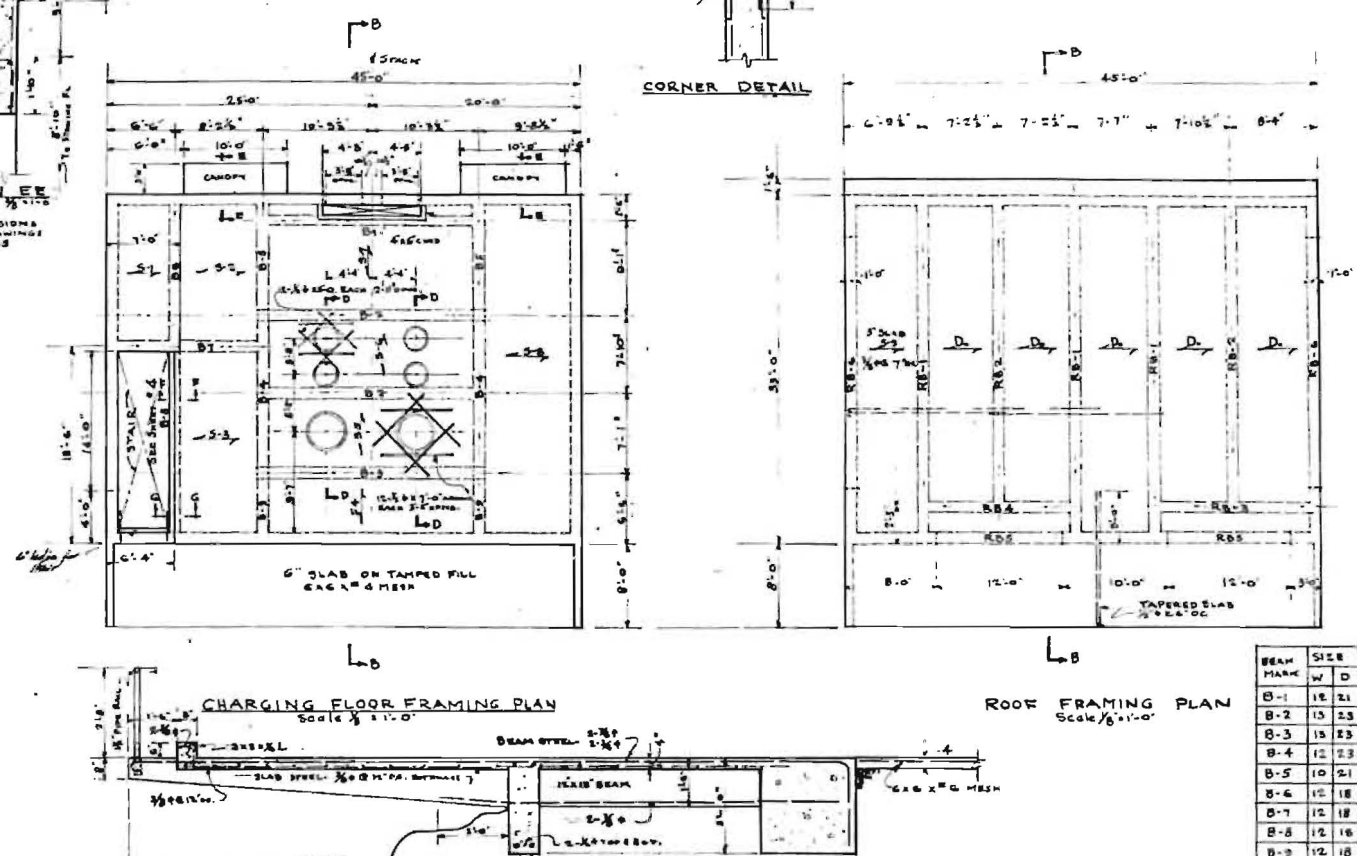
PLOT PLAN - SITE DETAILS, GRADING, DRIVES & UTILITIES INCINERATOR BLDG. LOS ALAMOS, NEW MEX.	FILE 46	JOB	NO.
	DRAWN B.J.O.		
	CHECKED A.O.R.		
W. C. KRUGER CO. ARCHITECTS-ENGINEERS	DATE 23 May 1947		
SUPERVISION Arch'l Supv.	DESIGNED Mech'l & Elec. Engrs.	APPROVED	SHEET NO. 1 OF 20 SHEETS

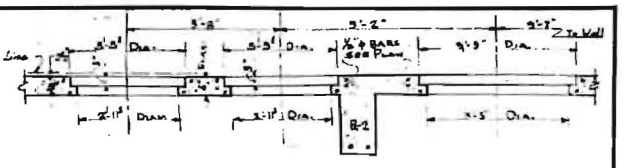
ENG-C 48195

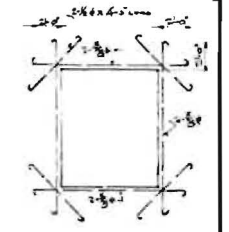












BEAM SCHEDULE

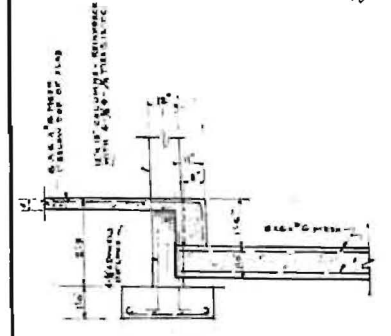
BEAM MARK	SIZE W	SIZE D	STRAIGHT NO.	STRAIGHT SIZE	BENT NO.	BENT SIZE	STIRRUPS NO. LEGS	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
B-1	12	21	2	7/8ø	2	1ø	8	#3	6"-8"-12"-12"	HOOK ENDS OF BARS
B-2	13	23	2	1ø	2	1ø	12	do	6"-8"-8"-12"-12"@12"	" " " "
B-3	15	23	2	1ø	2	1ø	10	do	6"-8"-8"-12"-12"	" " " "
B-4	12	23	2	7/8ø	2	7/8ø	8	do	8"-12"-12"-12"	EXTEND BENT BARS THRU B-8
B-5	10	21	1	7/8ø	2	7/8ø	9	do	4"-6"-6"-6"	STIRRUPS AT WALL END ONLY PROVIDED AT WALL ENDS
B-6	12	18	2	3/4ø	2	3/4ø	8	do	8"-8"-12"-12"	" " " "
B-7	12	18	2	7/8ø	2	7/8ø	8	do	6"-8"-12"-12"	HOOK ENDS
B-8	12	18	2	7/8ø	2	7/8ø	8	do	8"-12"-12"-12"	" " " "
B-9	12	18	2	3/4ø	—	—	8	do	TIES @ 12" O.C.	TOP BARS FROM B-8
RB-1	13	26	2	1"ø	2	1"ø	6	do	6"-6"-6"-6"-6"-8" @ 1'-0" EACH	ALL STIRRUPS ARE # 8 for 1" BARS AND # 7 for 7/8" BARS AND # 6 for 3/4" BARS
RB-2	12	26	2	7/8ø	2	1"ø	—	—		" " " "
RB-3	10	26	2	5/8ø	2	1/2ø	—	—		" " " "
RB-4	10	26	2	1ø	2	7/8ø	—	—		" " " "
RB-5	12	26	1	As Req'd.		1.5	8	#3	TIES @ 12" O.C.	EXTEND 2'-0" BEYOND # 9 BAR
RB-6	12	60	1	As Req'd.		2.5	8	#3	TIES @ 12" O.C.	SEE SHEET # 4

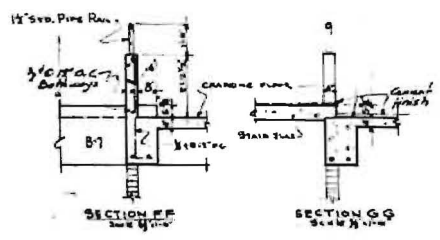
* # 8 will carry the main steel down until 1-0".

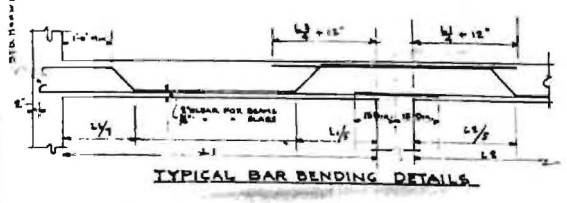
SLAB SCHEDULE

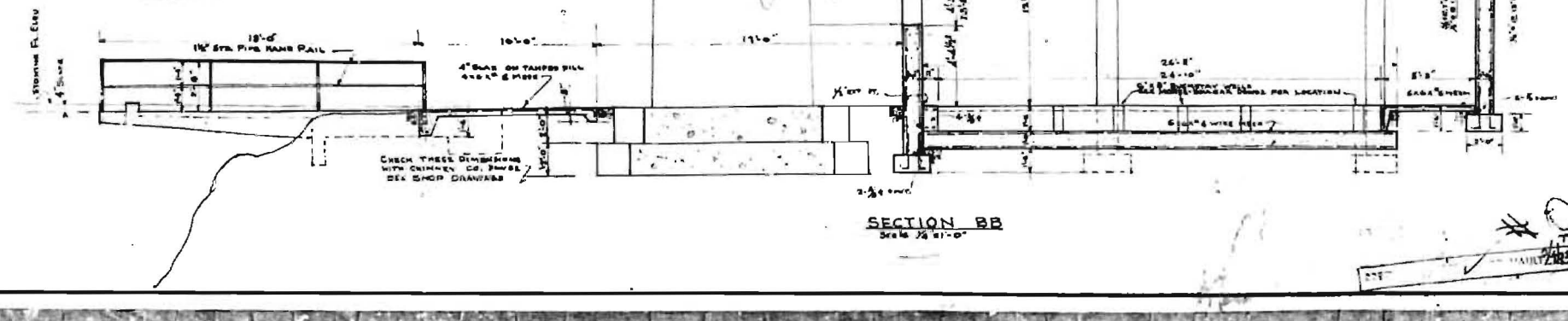
MARK	THICKNESS	MAIN STEEL	TEMP. STEEL
S-1	4"	1/2ø @ 8"o.c.	3/8ø @ 12"o.c.
S-2	4"	1/2ø @ 8"o.c.	do
S-3	4"	1/2ø @ 8"o.c.	do
S-4	4"	3/8ø @ 8"o.c.	do
S-5	5"	1/2ø @ 10"o.c.	3/8ø @ 12"o.c.
S-6	5"	1/2ø @ 6"o.c.	do
S-7	4"	1/2ø @ 7"o.c.	3/8ø @ 12"o.c.
S-8	4"	1/2ø @ 6"o.c.	do
S-9	5"	1/2ø @ 7"o.c.	3/8ø @ 12"o.c.

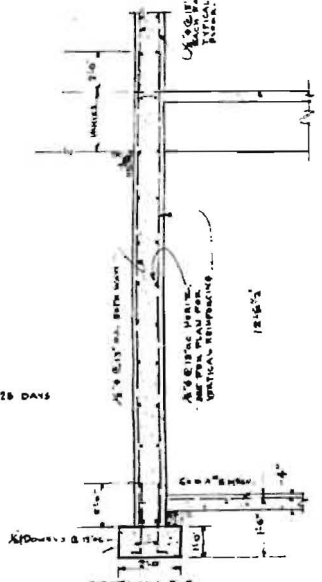
ALL MAIN STEEL ALT. STRT. & BENT EXCEPT SLAB S-9.











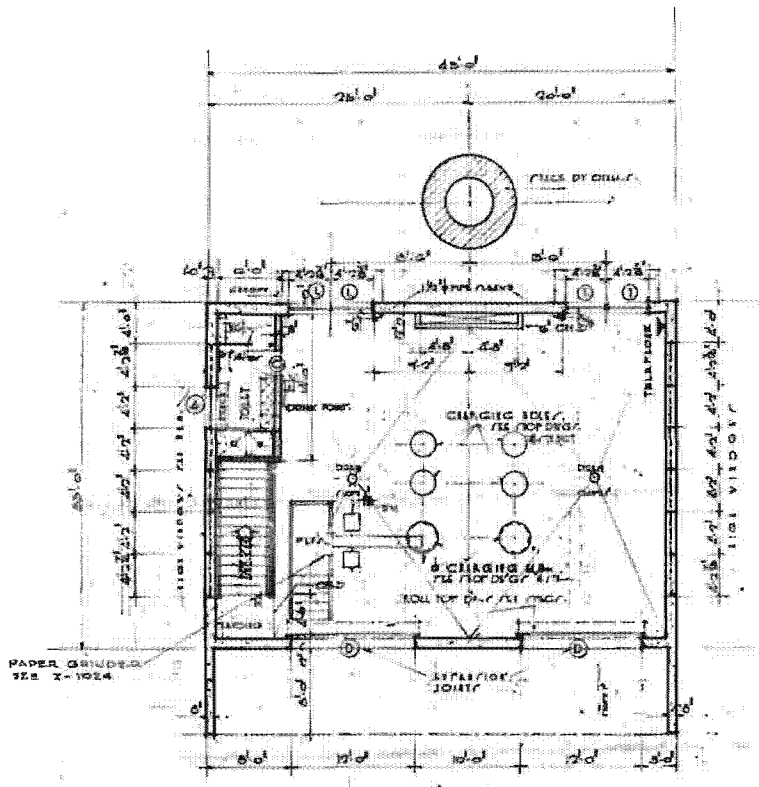
GENERAL NOTES
1. ALL CONCRETE IS TO BE CLASS "B" - 2500# / SQ. IN. COMP. STRESS IN 28 DAYS
2. LAP ALL WALL BARS 40 DIAMETERS AT SPLICES
CONCRETE COVERING:
SLABS - 1/2" CLEAR
BEAMS - 1"
CASINGS & WALLS - 1 1/2" CLEAR
FOOTINGS - 3" CLEAR

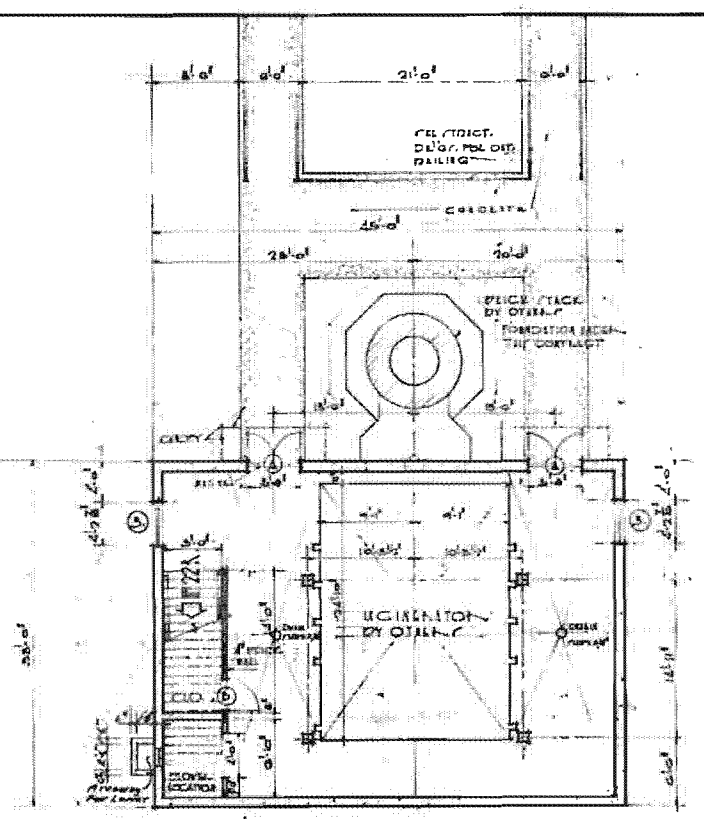
RECORD DRAWING
THIS DRAWING REPRESENTS THE CONSTRUCTION AS BUILT.
DATE 4/22/48

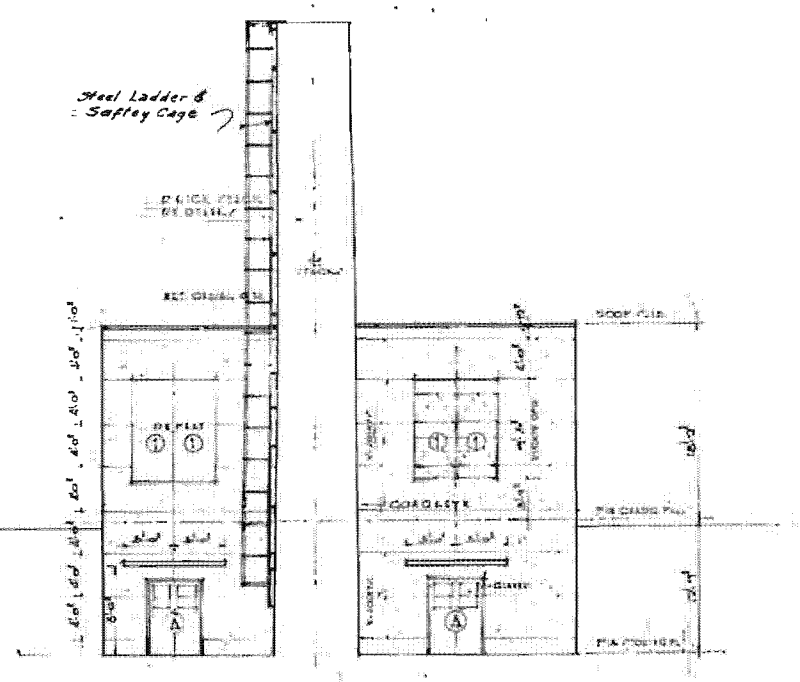
18" Added to Slab Ext.	STRUCTURAL - PLANS & DETAILS			
Access Door & Openings	INCINERATOR BLDG.			
Platforms & Ramp, Plate	LOS ALAMOS NEW MEX.			
Beams at 12" North				
Opening & Lintel	W. C. KRUGER CO. ARCHITECTS-ENGINEERS			
Added Fan Room 11/47				
	Date 23 May 1947	Sheet No. 2	Job No. 50	

ENG-C 48105

APPROVED FOR RELEASE
DECLASSIFIED FROM BEST AVAILABLE MATERIAL







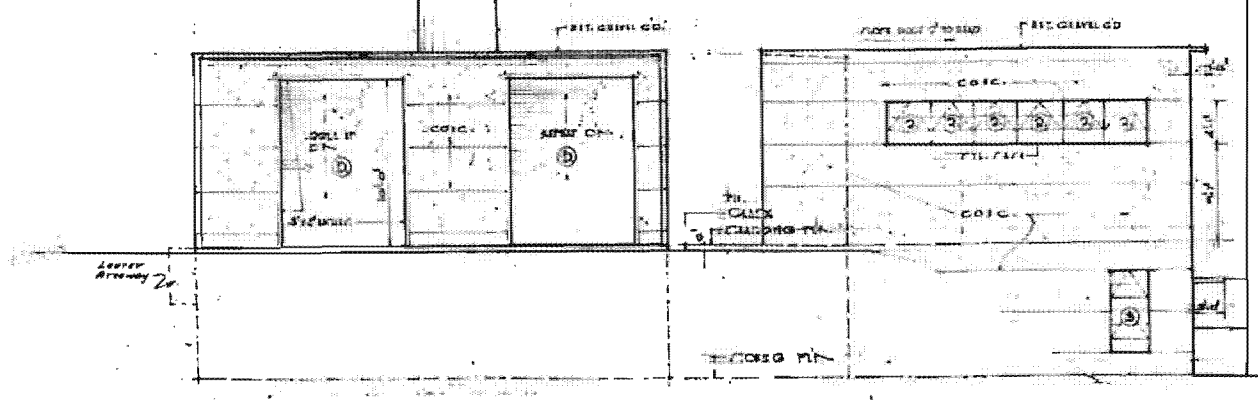
DOOR SCHEDULE

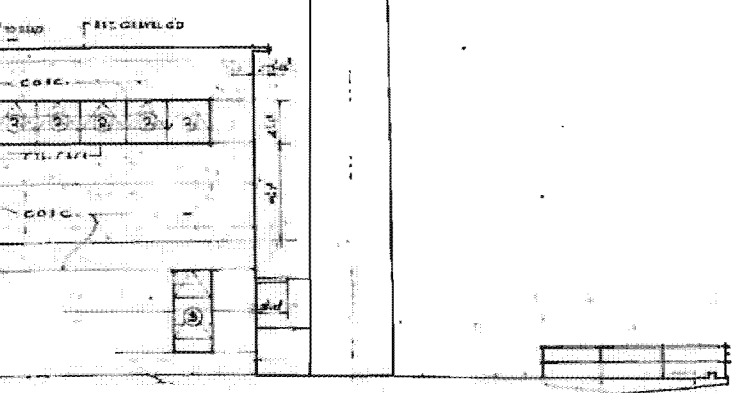
MARK	SIZE	REMARKS
ⓐ	2'-8" x 7'-0"	HORIZONTAL STEEL ROLL TOP FIRE DOOR
ⓑ	2'-8" x 6'-8"	FLUSH SOLID CORE WOOD DOOR
ⓒ	2'-8" x 6'-8"	" " " " "
ⓓ	2'-8" x 6'-8"	STEEL ROLL TOP FIRE DOOR

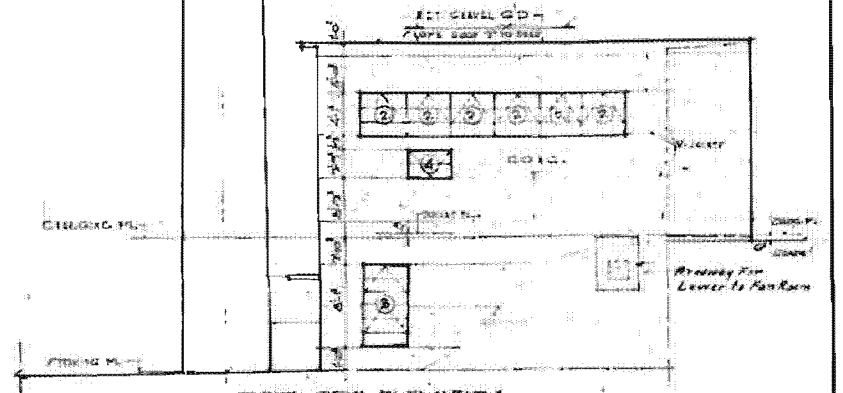
WINDOW SCHEDULE

①	9'-5" x 4'-0 7/8"	STEEL CASE FOR ELEC. STACK DAMPER
②	4'-1" x 4'-0 7/8"	" " " " " " "
⑤	8'-1" x 4'-0 7/8"	" " " " " " "
⑥	2'-9" x 4'-0 7/8"	" " " " " " "

ALL SASH ARCHITECTURAL PROJECTED







RECORD DRAWING
THIS DRAWING REPRESENTS
THE CONSTRUCTION AS BUILT.
DATE 6/28/48

Ladder & Safety Cage Added to Stack. Archway & Louver Added for Fan Room 9/16/47

ARCHITECTURAL — PLANS & ELEVATIONS
INCINERATOR BLDG.
Los Alamos, New Mexico
W. C. KRUGER CO. ARCHITECTS-ENGINEERS
ARCH. ENGR. | MECH. ENGR. | CHIEF OF DRAWING
FILE | JOB NO. | DRAWING NO. 3 | SHEET NO. 20
DATE 23 May 1944

ENG-C 48195

THIS FILM MADE FROM BEST AVAILABLE MATERIAL

D C B A 10 A B C D
1 2 3 4 5

SECTION LVG TO STAIR

SECTION THRU STAIR

SECTION THRU FRONT DOOR

SECTION THRU REAR DOUBLE DRS.

SECT-JAMB & HEAD OF CLOSET DR

DET. OF CEM. TREAD

DET. TOILET DOOR

TYPICAL WINDOW DETAIL

TOILET DETAILS

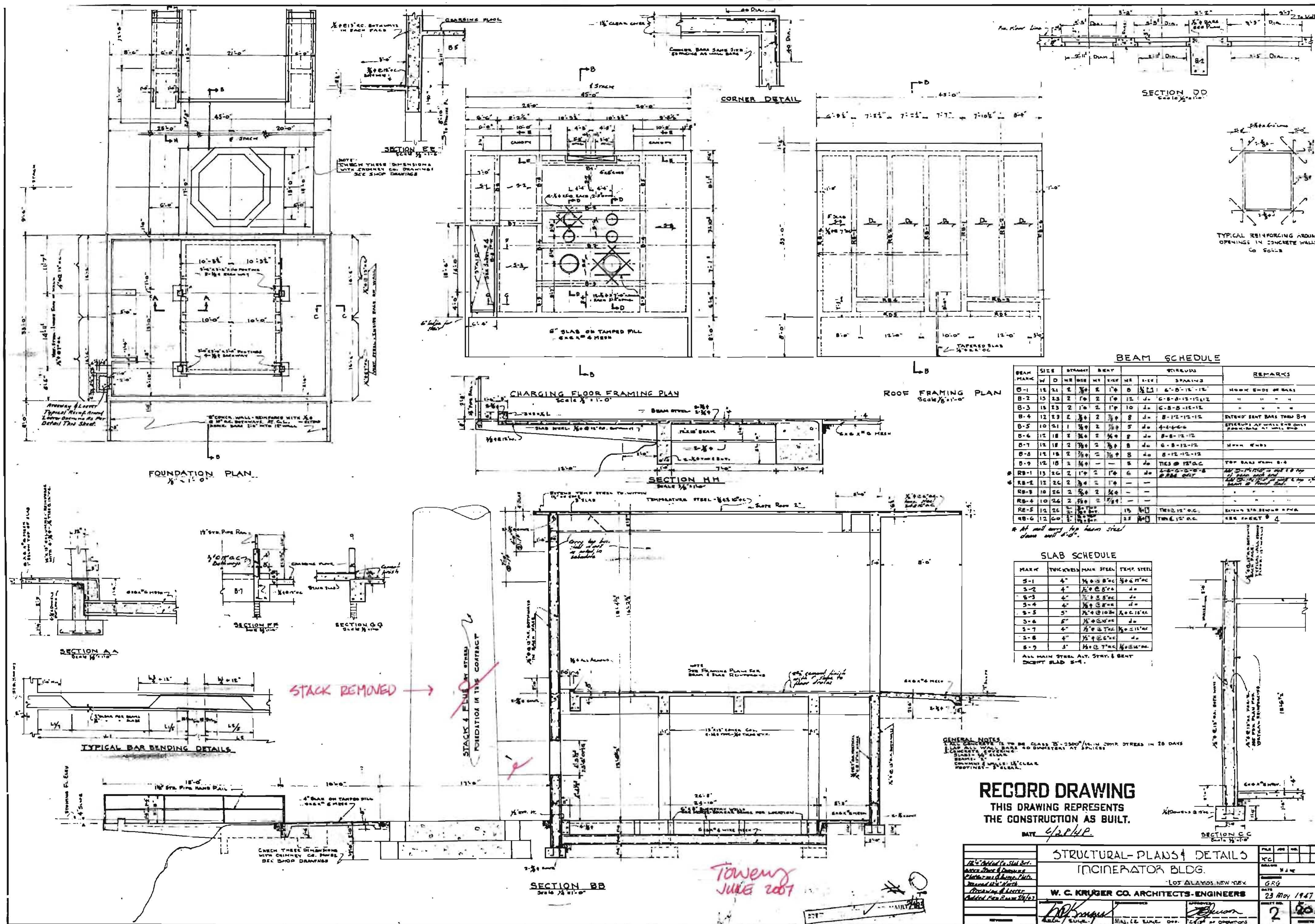
PLAN

RECORD DRAWING
THIS DRAWING REPRESENTS THE CONSTRUCTION AS BUILT.
DATE 4/20/48.

ARCHITECTURAL-DETAILS
INCINERATOR BLDG
LOS ALAMOS, NEW MEX.
W. C. KRUGER CO. ARCHITECTS-ENGINEERS
DATE 23 May 1947
SHEET NO. 4
DRAWING NO. 20

ENG-C 48195

REMED FROM BEST AVAILABLE MATERIAL



BEAM SCHEDULE

BEAM MARK	SIZE W	SIZE D	STRAIGHT NR	STRAIGHT SIZE	BENT NR	BENT SIZE	STIRRUPS NR	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
B-1	12	21	2	3/4"	2	1"	8	3/8"	6-8-12-12	Hook ends of bars
B-2	15	23	2	1"	2	1"	12	do	6-8-8-12-12 & 12	" " " "
B-3	15	23	2	1"	2	1"	10	do	6-8-8-12-12	" " " "
B-4	12	23	2	3/4"	2	7/8"	8	do	8-12-12-12	Extend bent bars thru B-9
B-5	10	21	1	5/8"	2	7/8"	5	do	4-4-4-4-4	Stirrups at wall end only; hook bars at wall end
B-6	12	18	2	3/4"	2	3/4"	8	do	8-8-12-12	
B-7	12	18	2	7/8"	2	7/8"	8	do	6-8-12-12	Hook ends
B-8	12	18	2	7/8"	2	7/8"	8	do	8-12-12-12	
B-9	12	18	2	3/4"	—	—	5	do	Ties @ 12" o.c.	Top bars from B-4
* RB-1	15	26	2	1"	2	1"	6	do	6-6-6-6-6-6 @ each end	[illegible] of beam each end
* RB-2	12	26	2	3/4"	2	1"	—	—		[illegible] beam @ [illegible]
RB-3	10	26	2	5/8"	2	3/4"	—	—		" " " "
RB-4	10	26	2	5/8"	2	5/8"	—	—		" " " "
RB-5	12	26	2- top, 2- bot.	[illegible]			13	3/8"	Ties @ 12" o.c.	Extend 2'6" beyond opng.
RB-6	12	60	[illegible]	[illegible]			25	3/8"	Ties @ 12" o.c.	See sheet # 4

* At wall carry top beam steel down wall 4'-0".

SLAB SCHEDULE

MARK	THICKNESS	MAIN STEEL	TEMP. STEEL
S-1	4"	1/2" ⌀ @ 8" oc	3/8" ⌀ @ 11" oc
S-2	4"	1/2" ⌀ @ 8" oc	do
S-3	4"	1/2" ⌀ @ 8" oc	do
S-4	4"	1/2" ⌀ @ 8" oc	do
S-5	5"	1/2" ⌀ @ 10" oc	3/8" ⌀ @ 15" oc
S-6	6"	1/2" ⌀ @ 10" oc	do
S-7	4"	1/2" ⌀ @ 7" oc	3/8" ⌀ @ 12" oc
S-8	4"	1/2" ⌀ @ 6" oc	do
S-9	3"	3/8" ⌀ @ 7" oc	3/8" ⌀ @ 14" oc

All main steel alt. str. & bent except slab S-9.

GENERAL NOTES
All concrete is to be class "B"-2500#/sq. in. comp. stress in 28 days
Lap all wall bars 40 diameters at splices
Concrete covering:
Slabs - 3/4" clear
Beams - 1"
Columns & walls - 1 1/2" clear
Footings - 3" clear

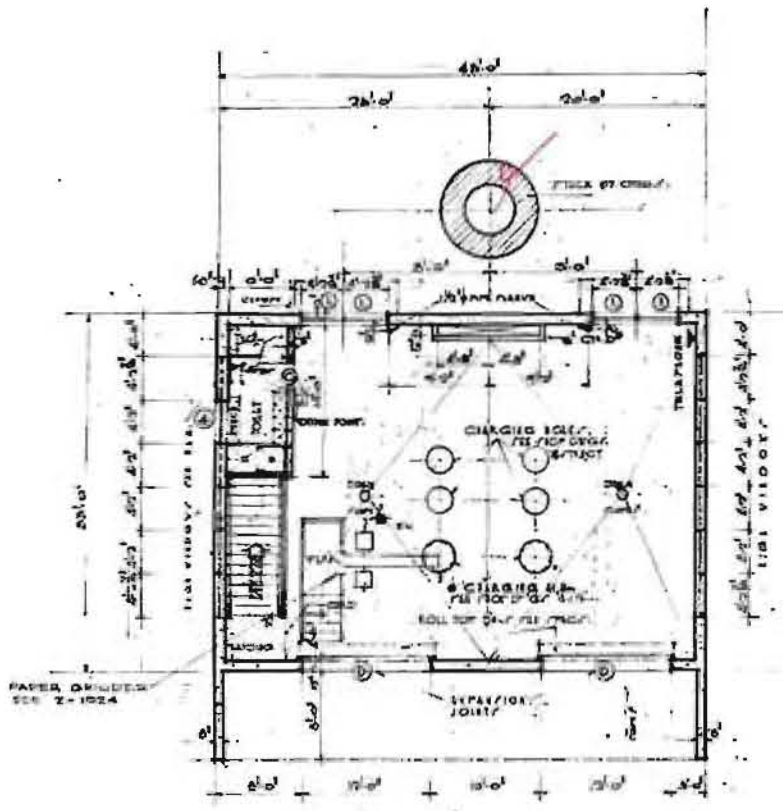
RECORD DRAWING

THIS DRAWING REPRESENTS THE CONSTRUCTION AS BUILT.

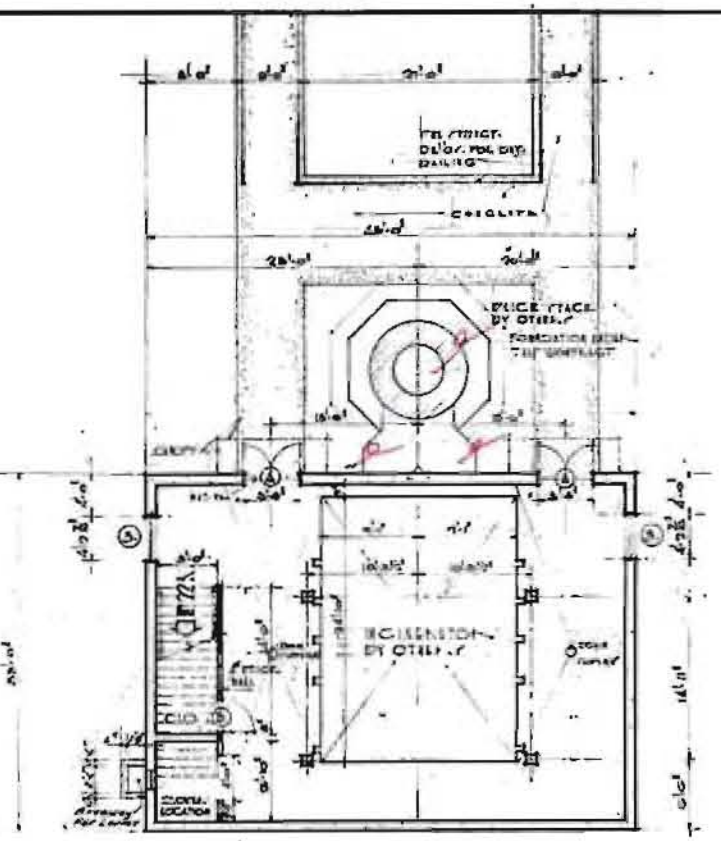
DATE 4/28/48

STRUCTURAL - PLANS & DETAILS
INCINERATOR BLDG.
LOS ALAMOS, NEW MEX.
W. C. KRUGER CO. ARCHITECTS-ENGINEERS
23 May 1947
2 / 20

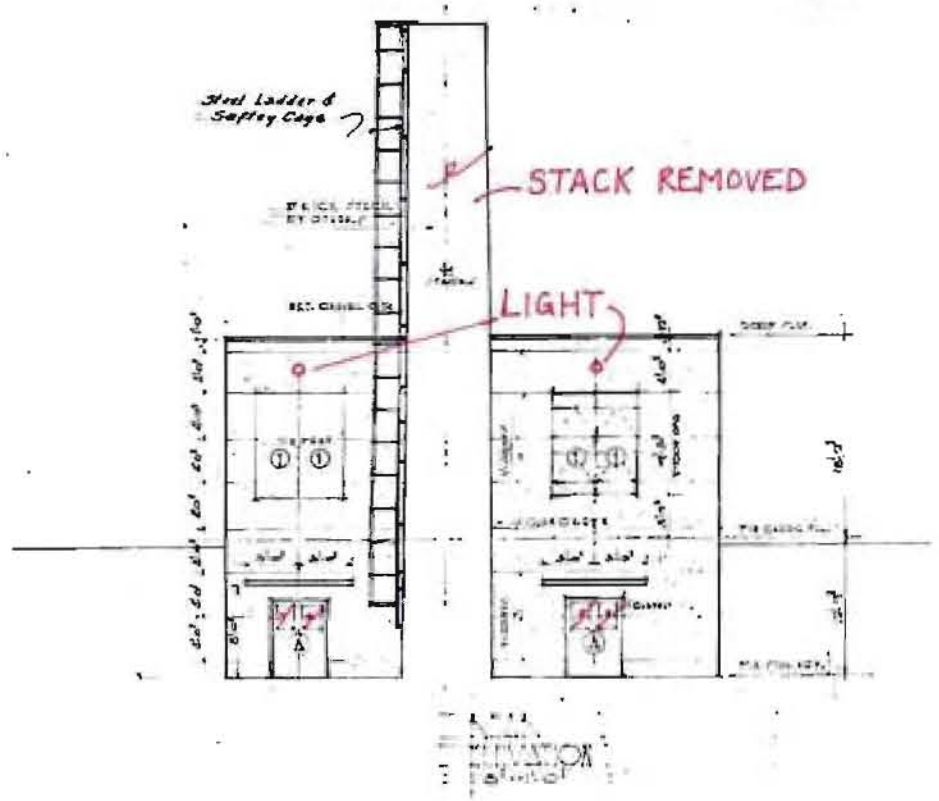
ENG-C 48195



CHARGING FLR PLAN



STOKING FLR PLAN



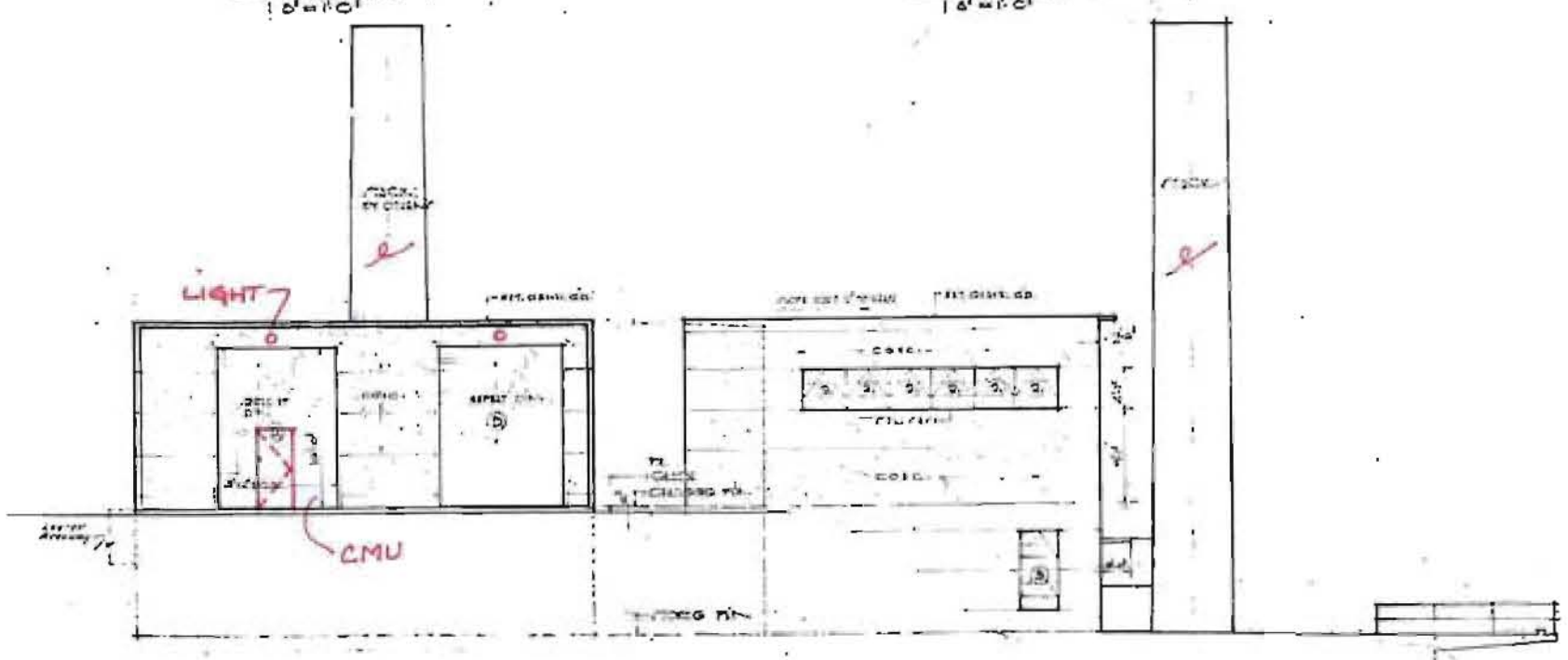
DOOR SCHEDULE

MARK	SIZE	REMARKS
②	2'-8"x7'-0"	INDUSTRIAL STEEL SWING DOOR
③	2'-8"x6'-8"	PLATE STEEL DOOR W/ SILL
④	2'-4"x6'-8"	" " " "
⑤	2'-8"x6'-8"	STEEL ROLL TOP DOOR W/ FRAME

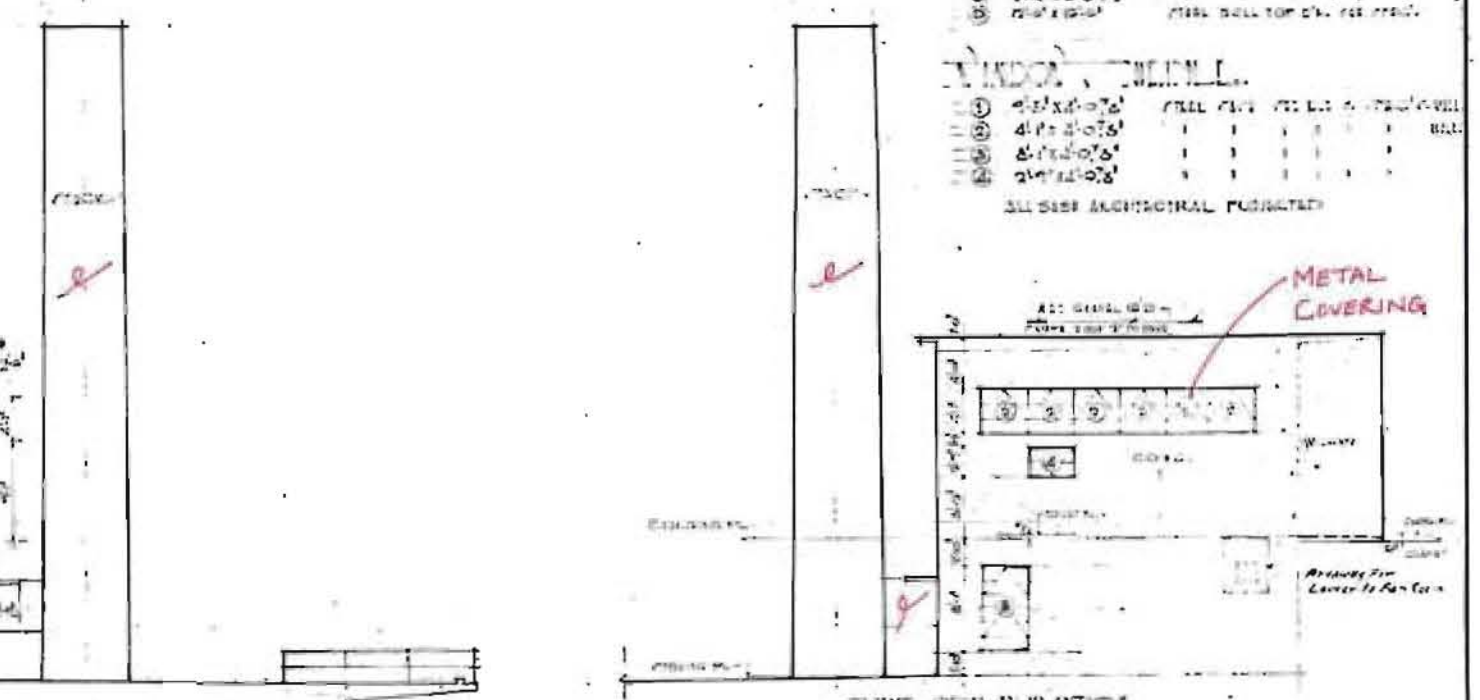
WINDOW SCHEDULE

MARK	SIZE	REMARKS
①	4'-0"x4'-0"x2'-8"	STEEL PIVOT SASH W/ 1/4" PLATE GLASS
②	4'-0"x3'-0"x2'-8"	" " " " " "
③	8'-0"x4'-0"x2'-8"	" " " " " "
④	2'-0"x4'-0"x2'-8"	" " " " " "

ALL SASH ARCHITECTURAL PUBLISHED



FRONT ELEVATION



RIGHT SIDE ELEVATION

Towers 8-15-07

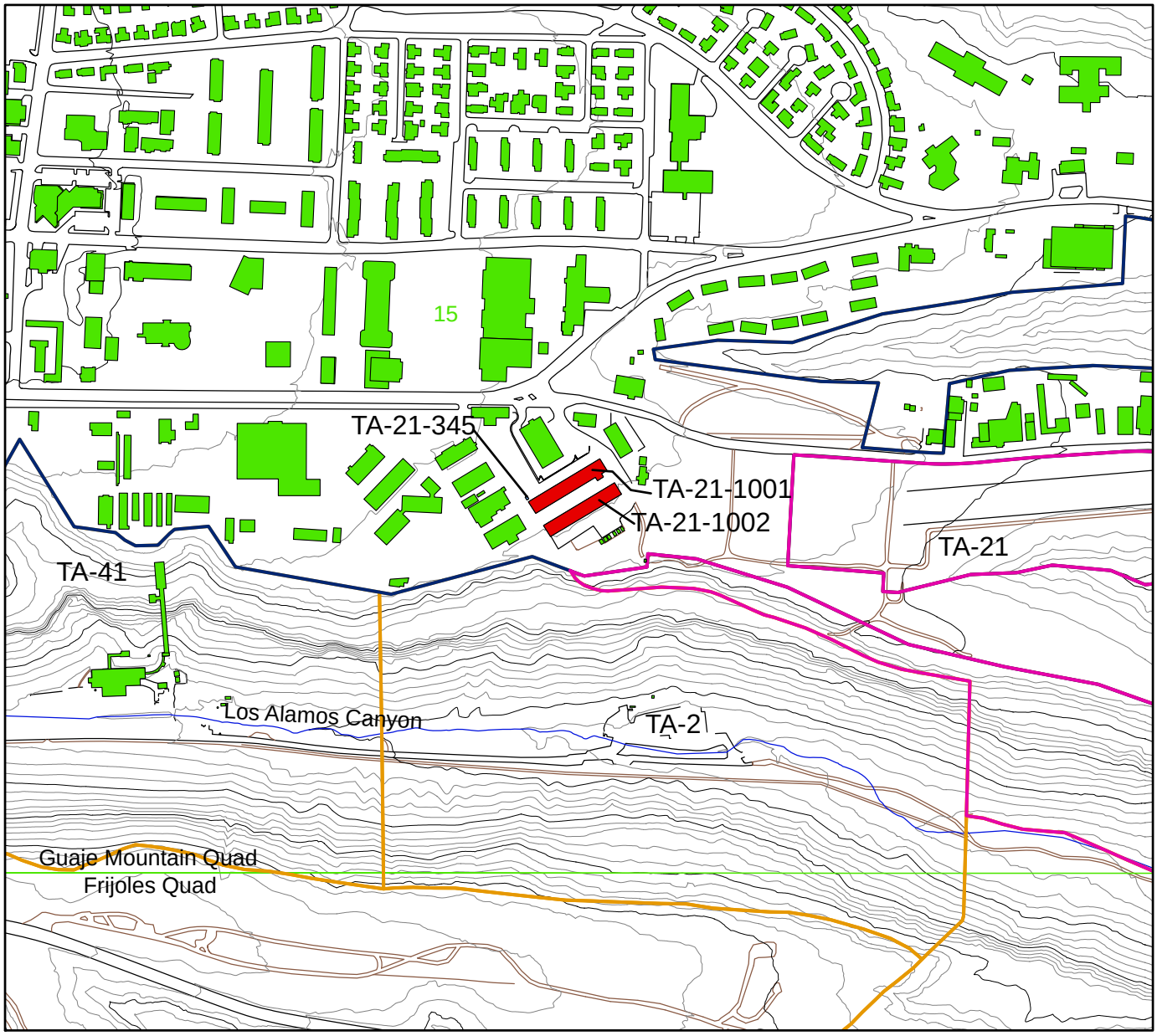
RECORD DRAWING
THIS DRAWING REPRESENTS THE CONSTRUCTION AS BUILT.
DATE 4/22/08

Ladder & Safety Cage Added & Stack Removed Roofing & Metal Covering Added per Con Mem 9/6/07	ARCHITECTURAL — PLANS & ELEVATIONS INCINERATOR BLDG.	
	W. C. KRUGER CO. ARCHITECTS-ENGINEERS	3 / 20

ENG-C 48195

SEATTLE

Appendix B – Maps Showing Technical Area Construction Histories and the Locations of Eligible and Non-Eligible Properties



1:7,000

Los Alamos
National Laboratory
Cultural Resources Team
ENV-EAQ Ecology &
Air Quality Group

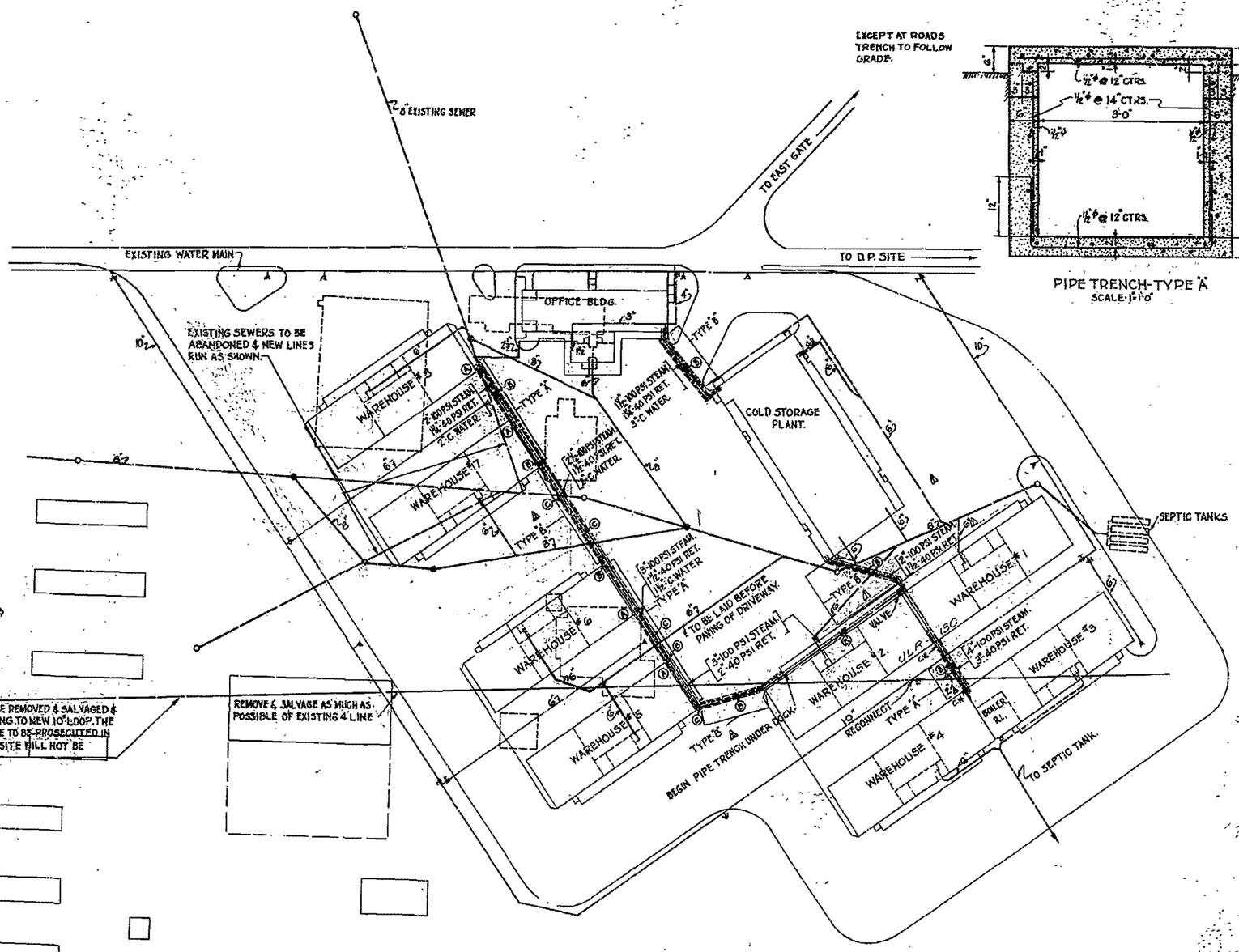
500 250 0 500 1,000 1,500 Feet

500 250 0 Meters

N
W E
S

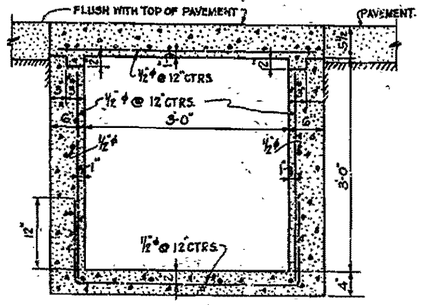
- Buildings Previously Declared Eligible
- Buildings Previously Declared Not Eligible
- Building/Structures
- New Technical Area 21 Boundary
- LANL Boundary
- Technical Areas
- Drainage
- Township, Range, Section
- USGS 7.5 Minute Quad
- 20 Foot Contours
- 100 Foot Contours
- Dirt Roads
- Paved Roads

TA-21
DP Road Tract
Eligible and Non-Eligible



PLOT PLAN.
SCALE-1"=50'

PIPE TRENCH-TYPE 'A'
SCALE-1"=1'-0"



PIPE TRENCH-TYPE 'B'
SCALE-1"=1'-0"

GENERAL NOTES

⊄ EXISTING FIRE HYDRANTS TO BE REMOVED.
⊄ NEW FIRE HYDRANTS.
—O— EXISTING SEWERS & MANHOLES.
—●— NEW SEWERS & MANHOLES.

100 PSI STEAM LINE IN TRENCH TO BE INSULATED WITH 2-1" THICKNESSES OF 85% MAGNESIA PIPE COVERING WITH JOINTS STAGGERED & CEMENTED. RETURN LINE IN TRENCH TO BE INSULATED WITH 1" THICKNESS OF ASBESTOCEL PIPE COVERING. STEAM & RETURN LINES IN TRENCH, AFTER INSULATION HAS BEEN APPLIED, TO BE WEATHER-PROOFED BY WRAPPING OF 30# FELT, SEALING JOINTS WITH ASPHALT. PIPES TO BE SUPPORTED ON WALL BRACKETS IN TRENCH & HUNG FROM UNDERSIDE OF DECK IN SUITABLE HANGERS ALLOWING FOR EXPANSION & CONTRACTION. MIN. PITCH 1" IN 40'. FURNISH & SET PIPE SLEEVES AS REQUIRED. CONNECTIONS INTO THE WAREHOUSES TO BE MADE BY SWING JOINTS. AT Ⓐ PLUGGED TEES TO BE PLACED IN THE STEAM, RETURN & WATER MAINS IN TRENCH FOR FUTURE CONNECTIONS. AT Ⓑ FURNISH & INSTALL EXPANSION JOINTS, STANDARD TRAVERSE, SUITABLE FOR 100 & 40 PSI STEAM, WHERE RISES OR DROPS OCCUR IN STEAM MAIN DUE TO CHANGE IN GRADE, SAME TO BE DRIPPED & TRAPPED. TRAPS TO BE OF THE INVERTED BUCKET TYPE FOR 100 OR 40 PSI AS REQUIRED. DRIPS FROM THE 100 PSI STEAM TRAPS TO BE RUN TO THE NEAREST FLASH TANK BEFORE CONNECTING TO THE 40 PSI RETURN. FOR STEAM & RETURN CONNECTIONS FOR WAREHOUSE #4 SEE SHEET #8 OF FILE # PE-434. FOR STEAM & RETURN CONNECTIONS & HEATING LAYOUT PLAN FOR WAREHOUSES #5 TO #8 INC. SEE SHEET # FILE #

AT Ⓑ & Ⓒ PROVIDE CAST IRON MANHOLE FRAMES & COVERS SAME TO BE OF THE HEAVY DUTY TYPE.

COLD WATER SERVICE LINES TO BE RUN IN TRENCH AS SHOWN & IS TO BE INSULATED WITH 1" THICKNESS OF WOOL FELT & WEATHER-PROOFED.

DATE	NO	REVISIONS	BY	APPROV.
6-4-47	Δ	CHANGED STEAM TRENCH TYPE.		
12-9-46	Δ	CORRECTED TO SHOW WATER & SEWER AS BUILT.		TYD

U.S. ENGINEER OFFICE
SANTA FE, NEW MEXICO

PERMANENT WAREHOUSES

PLOT PLAN AND UTILITES

BLDG ULR-130 TA-0

IN SHEETS	SCALE	SHEET NO. 1A
OFFICE OF POST ENGINEER		10-21-1946

SUBMITTED BY	APPROV. RECOM.	APPROVED BY
HEAD ENGRG SECTION	MAJ., CORPS OF ENGINEERS	COL., CORPS OF ENGRS

DR. BY
TR. BY
CH. BY .RRR

FILE NO. PE 434

SUPERSEDES DRWG. DATED 2-13-1946

IAB JOB 3855 IASL. DWG. NO. ENG-C 24132

PARTIAL HEATING PLAN

PLAN

METAL WINDOW DETAIL

METAL DOOR DETAIL

WINDOW & DOOR DETAIL

OFFICE DETAIL

PARTIAL HEATING PLAN

SECTION

ELEVATION

CEILING SECT.

JAMB SECT.

FLOOR SECT.

FLOOR SEC. ELEV.

TOILET ROOM DETAIL

PLOT PLAN

DOOR HARDWARE					
DOOR	LOCK	HINGES	CLOSER	STOP	HOLDER
A	EQUIPPED W/DOOR	EQUIPPED W/DOOR	TALCO #114 W/REG. HD.	NONE	NONE
B	BAL-CARB #3054 DU.	1½ PR. 4½" P. BRASS BUTTS	TALCO #104	NONE	NONE
C	BAL-CARB #3054 DU.	1½ PR. 4½" P. BRASS BUTTS	NONE	BAL-CARB #401	BAL-CARB #44
D	BAL-CARB #3044	1 PR. 3½" P. BRASS BUTTS	6" #280 BRAINO	NONE	NONE

NOTE: SHOP SHALL VERIFY ALL DIMENSIONS.

U. S. ATOMIC ENERGY COMMISSION - LOS ALAMOS, NEW MEXICO

ALTERATIONS TO PERMANENT W'H/E. FOR A.E.C. SUPPLY DIVISION

180 SEVENTH STREET
LOS ALAMOS, NEW MEXICO

THE ZIA COMPANY

DRAWING NO. Z-786

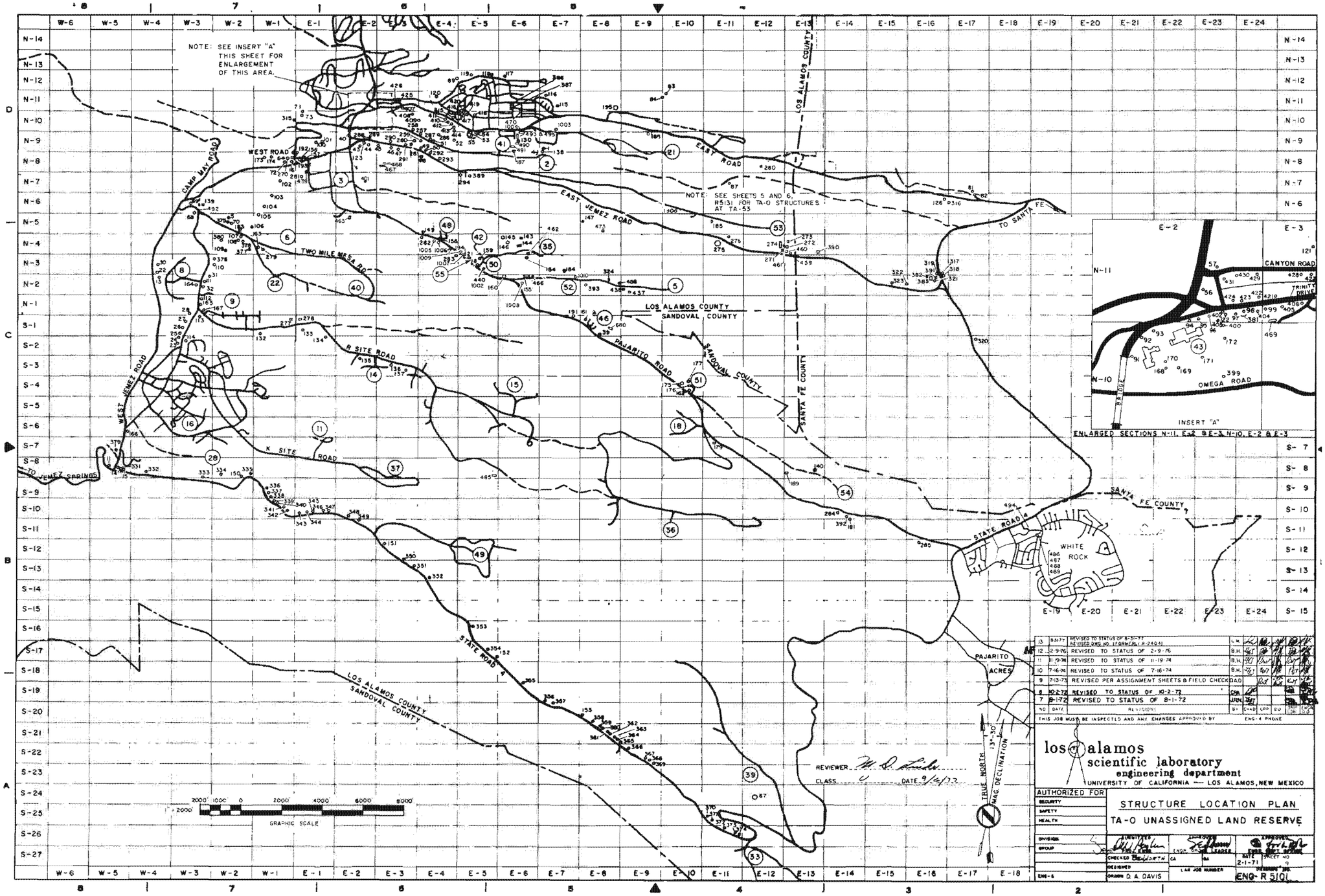
DRAWN: EPG
CHECKED: JK
DATE: 12-4-51
SHEET: 1 OF 1 SHEETS

APPROVED

REVISIONS

W/O: 880.624

LAB JOB 3855 I.A.S.L. DWG. NO. ENG-C 3630



NO	DATE	REVISIONS	BY	CHKD	UPD	ED
13	8-3-77	REVISED TO STATUS OF 8-31-77 REVISED DWG NO. 17 FORMERLY R-2404	L.M.			
12	2-9-76	REVISED TO STATUS OF 2-9-76	B.H.			
11	11-19-74	REVISED TO STATUS OF 11-19-74	B.H.			
10	7-16-74	REVISED TO STATUS OF 7-16-74	B.H.			
9	7-13-73	REVISED PER ASSIGNMENT SHEETS & FIELD CHECKOAD				
8	10-2-72	REVISED TO STATUS OF 10-2-72	CPA			
7	8-1-72	REVISED TO STATUS OF 8-1-72	JRM			

THIS JOB MUST BE INSPECTED AND ANY CHANGES APPROVED BY ENG-4 PHONE

los alamos scientific laboratory
engineering department
UNIVERSITY OF CALIFORNIA — LOS ALAMOS, NEW MEXICO

AUTHORIZED FOR
SECURITY
SAFETY
HEALTH
DIVISION
GROUP
ENG-5

STRUCTURE LOCATION PLAN
TA-0 UNASSIGNED LAND RESERVE

SUBMITTED
APPROVED
CHECKED
DESIGNED
DRAWN D. A. DAVIS
LAB JOB NUMBER
DATE 2-1-71
SHEET NO 9
ENG-R 5101

NOTE: SEE INSERT "A" THIS SHEET FOR ENLARGEMENT OF THIS AREA

LOS ALAMOS

WEST ROAD

CAMP MAY ROAD

EAST JEMEZ ROAD

TWO MILE MESA RD

R SITE ROAD

K SITE ROAD

WEST JEMEZ ROAD

TO JEMEZ SPRINGS

EAST ROAD

TO SANTA FE

PAJARITO ROAD

LOS ALAMOS COUNTY
SANDOVAL COUNTY

SANTA FE COUNTY

STATE ROAD 4

WHITE ROCK

PAJARITO ACRES

CANYON ROAD

TRINITY DRIVE

OMEGA ROAD

INSERT "A"
ENLARGED SECTIONS N-11, E-2 & E-3, N-10, E-2 & E-3

1" = 2000'
2000' 1000' 0 2000' 4000' 6000' 8000'
GRAPHIC SCALE

TRUE NORTH
13°-30'
MAG DECLINATION

REV.	DATE	REVISION	BY	CKD	APP
14	10-18-83	REVISED TITLE BLOCK & DWG TO STATUS OF 6-17-83	HS		

UNIVERSITY OF CALIFORNIA
Los Alamos
Los Alamos National Laboratory
Los Alamos, New Mexico 87545

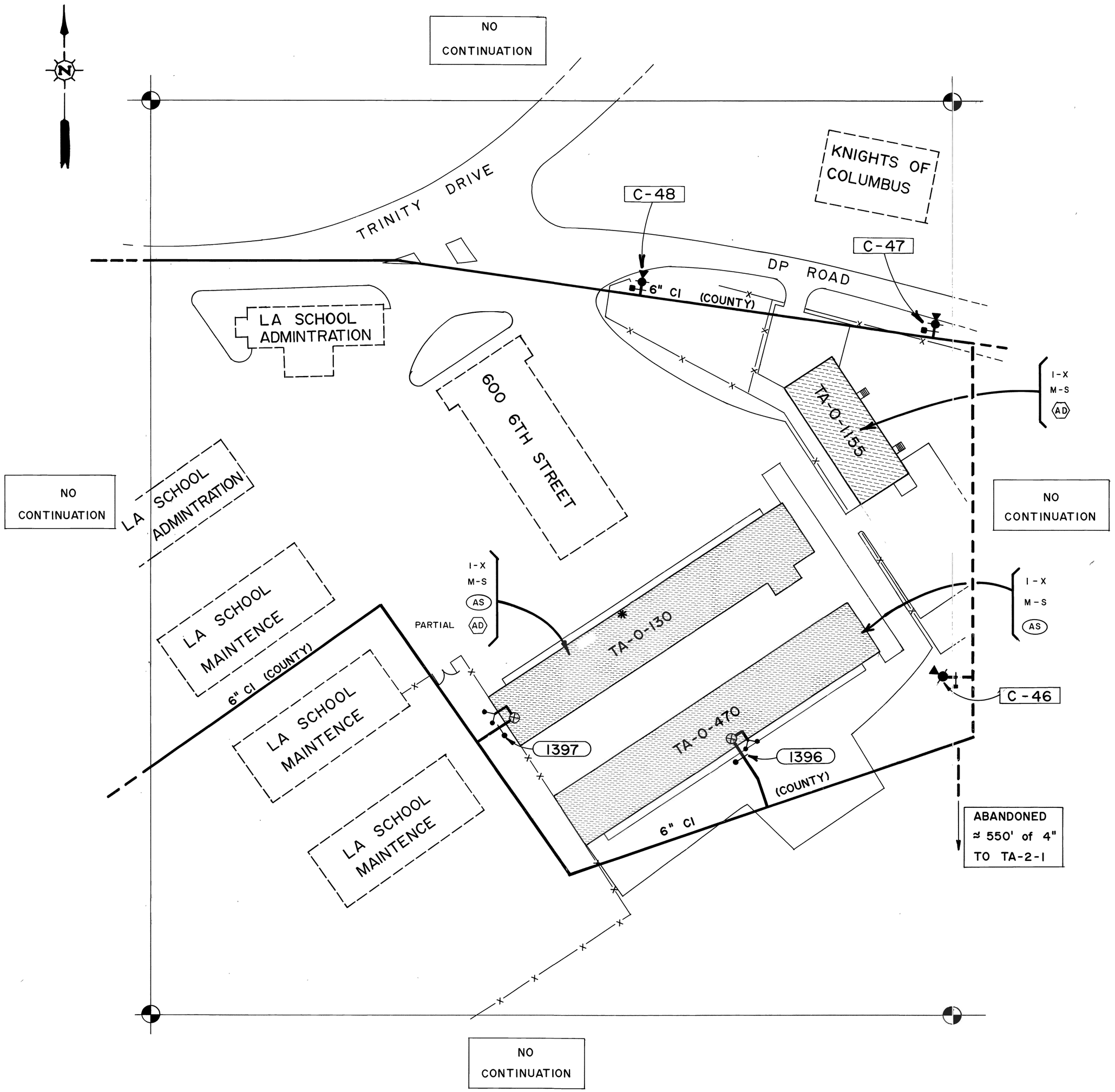
FACILITIES ENGINEERING DIVISION

STRUCTURE LOCATION PLAN
TA-0 UNASSIGNED LAND RESERVE

SEC CLASSIFICATION
CLASS. U
REVIEWER
DATE 12-16-83

SUBMITTED	RECOMMENDED	APPROVED
		W. F. Ellis
DRAWN	DATE	SHEET NO.
CHECKED	10-18-83	12 OF 12

DRAWING NO. ENG-R5101



50' 25' 0 50' 100' 150' 200'

SCALE

REV.	DATE	REVISION	BY	CKD.	APP
1	1-24-89	ADDED MUSEUM WAREHOUSE (TA-0-1155)	RWR		

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Los Alamos National Laboratory
Los Alamos, New Mexico 87545

FACILITIES ENGINEERING DIVISION

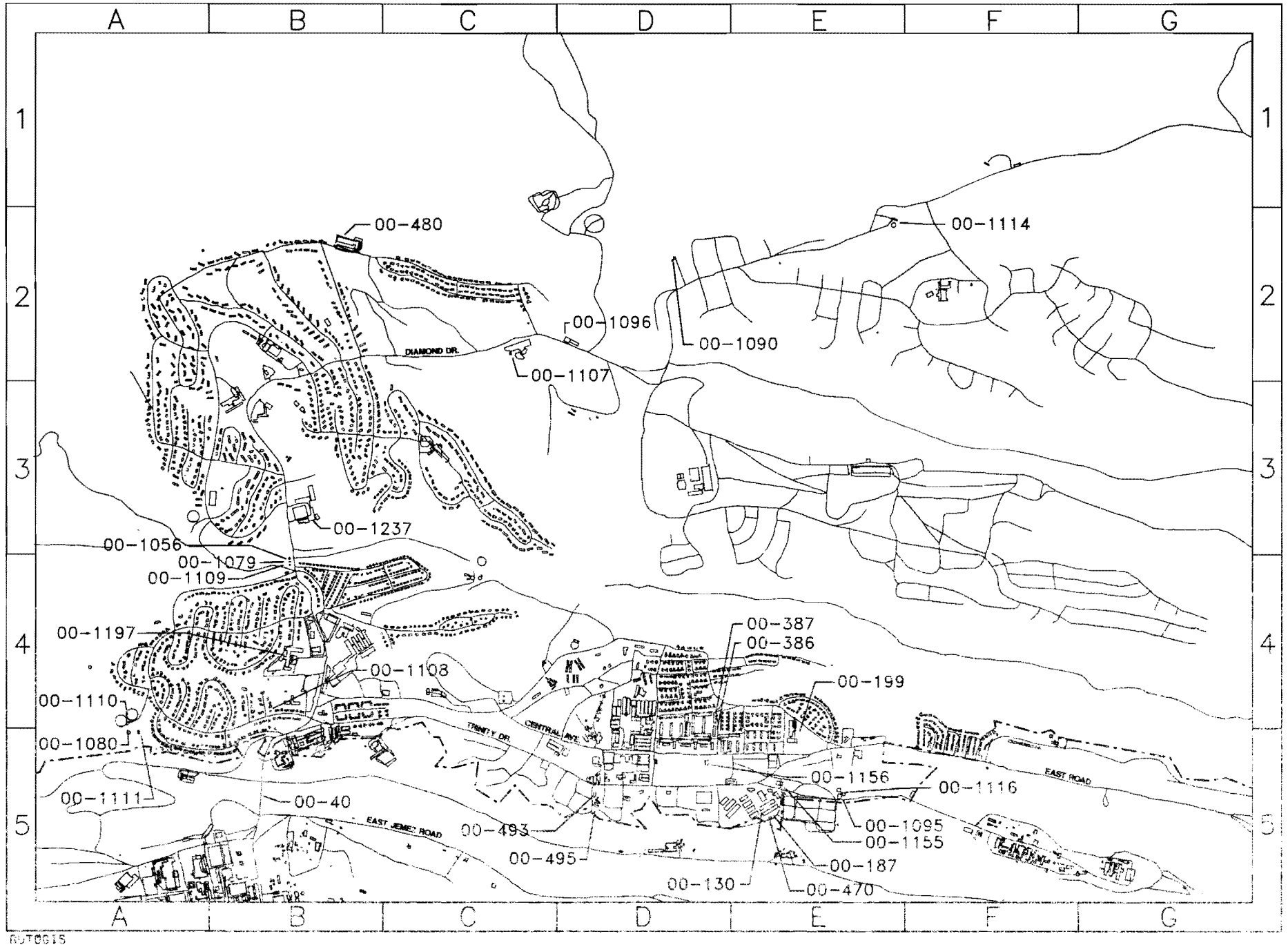
FIRE PROTECTION MAPS
LA RECORDS CENTER & ARCHIVES

SEC. CLASSIFICATION: CLASS U
REVIEWER RAH
DATE 9/12/85

	SUBMITTED	RECOMMENDED	APPROVED
	J R Bowdon	J R Bowdon	RAH
DRAWN	Richard W Pearson	DATE 01/07/85	SHEET NO. 2 OF 2
CHECKED	J R Bowdon		DRAWING NO. ENG-FM-LARC-01

ENG C 51629

TA-0



AUTOCAD

SCALE 1: 12000.

1000 0 1000 2000 FEET

N

REV	DATE	REVISION	BY	CHK	APP
	6-23-89	REDRAWN & REVISED TO STATUS OF 6-16-89			

UNIVERSITY OF CALIFORNIA
Los Alamos Los Alamos National Laboratory
Los Alamos, New Mexico 87545

FACILITIES ENGINEERING DIVISION

STRUCTURE LOCATION MAP

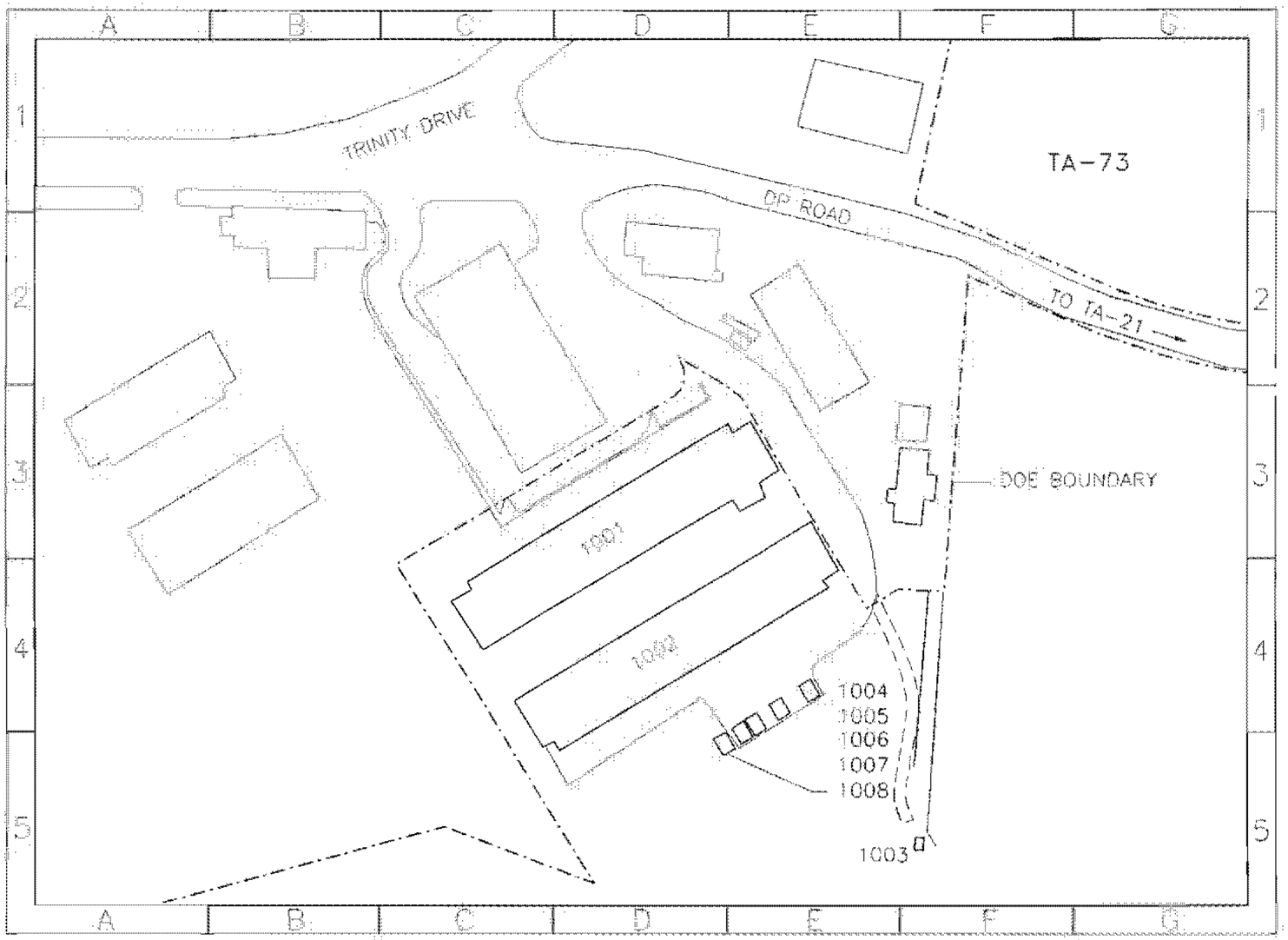
TA-0

SPEC. CLASSIFICATION
CLASS: U
REVIEWER: S.B. Loomis
DATE: 6/29/89

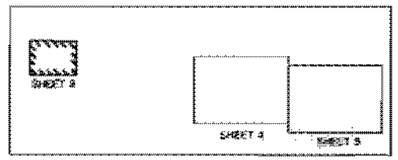
SUBMITTED	RECOMMENDED	APPROVED

DRAWN: C. SANDOVAL
CHECKED: B. COMER
DATE: 6-23-89
SHEET NO.: 3 OF 3
DRAWING NO.: ENG-R 5101

TA-21



TA-21 MAP GUIDE



NO.	DATE	CLASS REV.	REVISIONS	DWN	DES	CKD	REL	SUB	REC	APP

FACILITIES ENGINEERING DIVISION

STRUCTURE LOCATION MAP

TA-21

OP SITE

DRAWN	J. MORK
DESIGN	
CHECKED	B. COMER
RELEASED	B. COMER
DATE	03-27-91

SUBMITTED | RECOMMENDED | APPROVED

LOS ALAMOS LOS ALAMOS NATIONAL LABORATORY LOS ALAMOS, NEW MEXICO 87545

SHEET 3 OF 5

CLASSIFICATION U REVIEWER DATE 4-5-91

LAB JOB NO. | DRAWING NO. ENG-R 5113 | REV. 14

AUTOCAD

A B C D E F G

1 2 3 4 5 6

TA-73

TO TA-21

TA-21

TA-21
TA-02

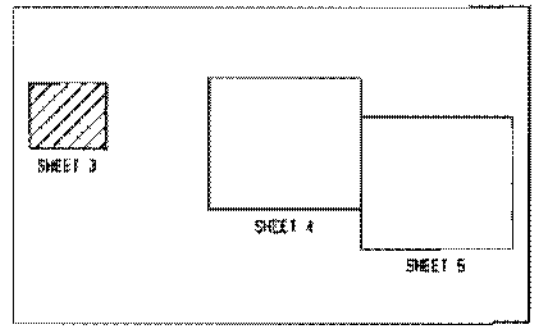
DOE BOUNDARY

TECHNICAL AREA BOUNDARY

1001 1002 1004 1009 1005 1006 1007 1008 1010 1003

FIELD VERIFIED 07-13-94

KEY MAP



N

SCALE: 1:500

50 0 50 100

FEET

NO	DATE	CLASS REV	REVISIONS	DRWN	VER	SCALE	REL	SUB	ARCH	APP
1	07-29-94		REVISED TO NEW STANDARDS AND TO STATUS OF 07-13-94	DRB JPM	SPH	HMS	HMS	KAP	SEC	RAP

JOHNSON CONTROLS WORLD SERVICES INC.

AS-BUILT STRUCTURE LOCATION MAPS

TA-21

OP SITE

DRAWN	J. MOORE
VERIFIED	N. SILVA, J. MOORE
CHECKED	C. SANDOVAL
RELEASED	R. SALAZAR
DATE	08-23-93

SUBMITTED KATHY PORTH — RECOMMENDED BRIAN COWEN — APPROVED ROBERT PROMM

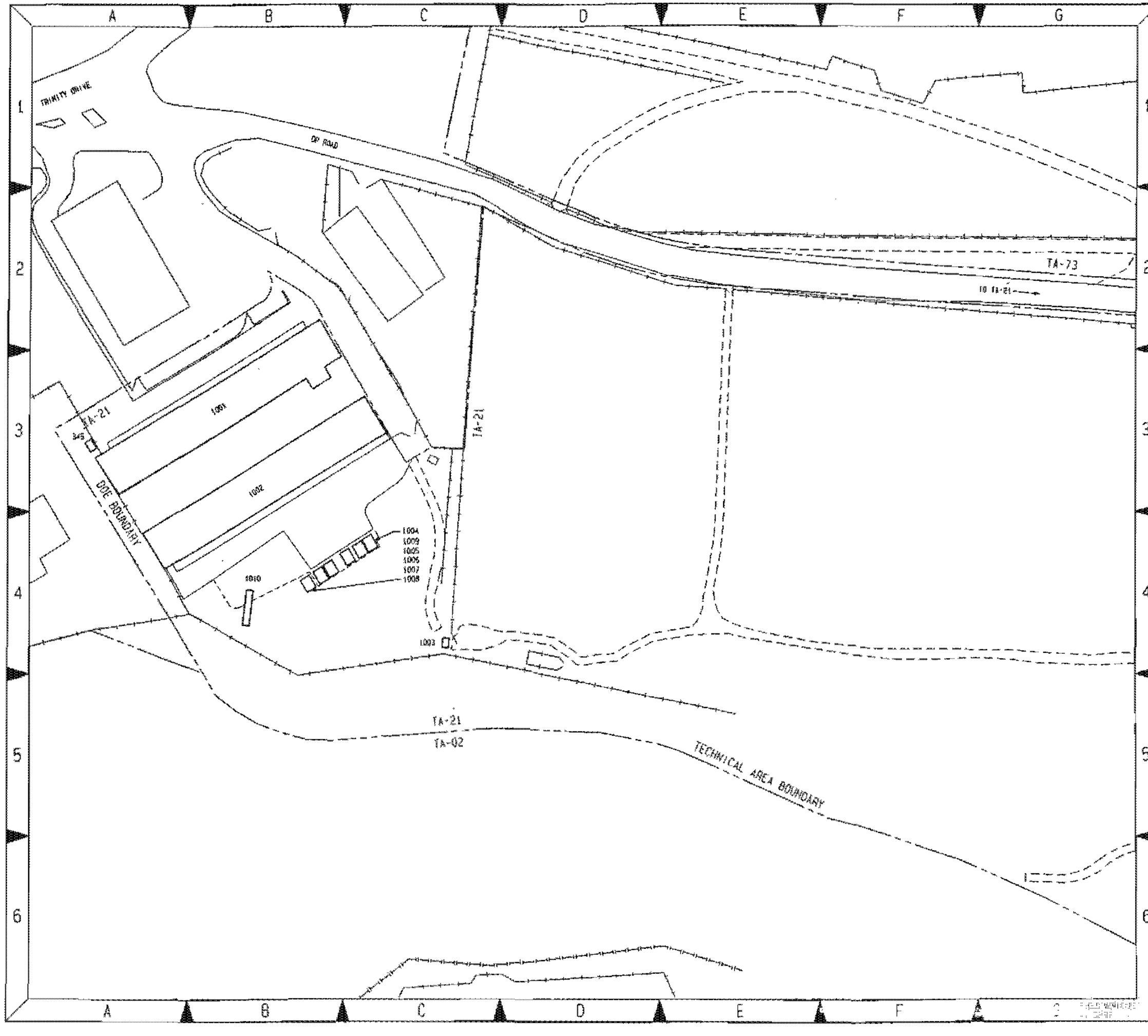
Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET 3 of 5

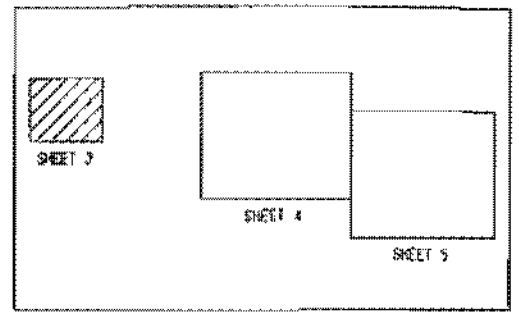
CLASSIFICATION: UC — REVIEWER: N. SALAZAR — DATE: 8-2-94

PROJECT NO	DRAWING NO	REV
11952	AB23	1

ACT NO 91-1666



KEY MAP



N

SCALE 1"=100'

50 0 50 100

FEET

NO	DATE	CLASS REV	DESCRIPTION	DRN	VER	CHKD	CUR	APP
2	01-07-97		REVISED TO STATUS OF 01-03-97	MRS	CUR	RMS	DMV	LAB
1	07-29-96		REVISED TO NEW STANDARDS AND TO STATUS OF 07-12-96	JSR	JSR	RMS	JAF	ECT

JOHNSON CONTROLS

AS-BUILT STRUCTURE LOCATION MAPS

TA-21

OP-SITE

DRAWN K. GALLEGOS

VERIFIED C. DOE, G. REILEY

CHECKED H. SALAZAR

DATE 06-03-93

SUBMITTED DIANE TYLER

APPROVED FOR RELEASE LIBRARY DATE

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

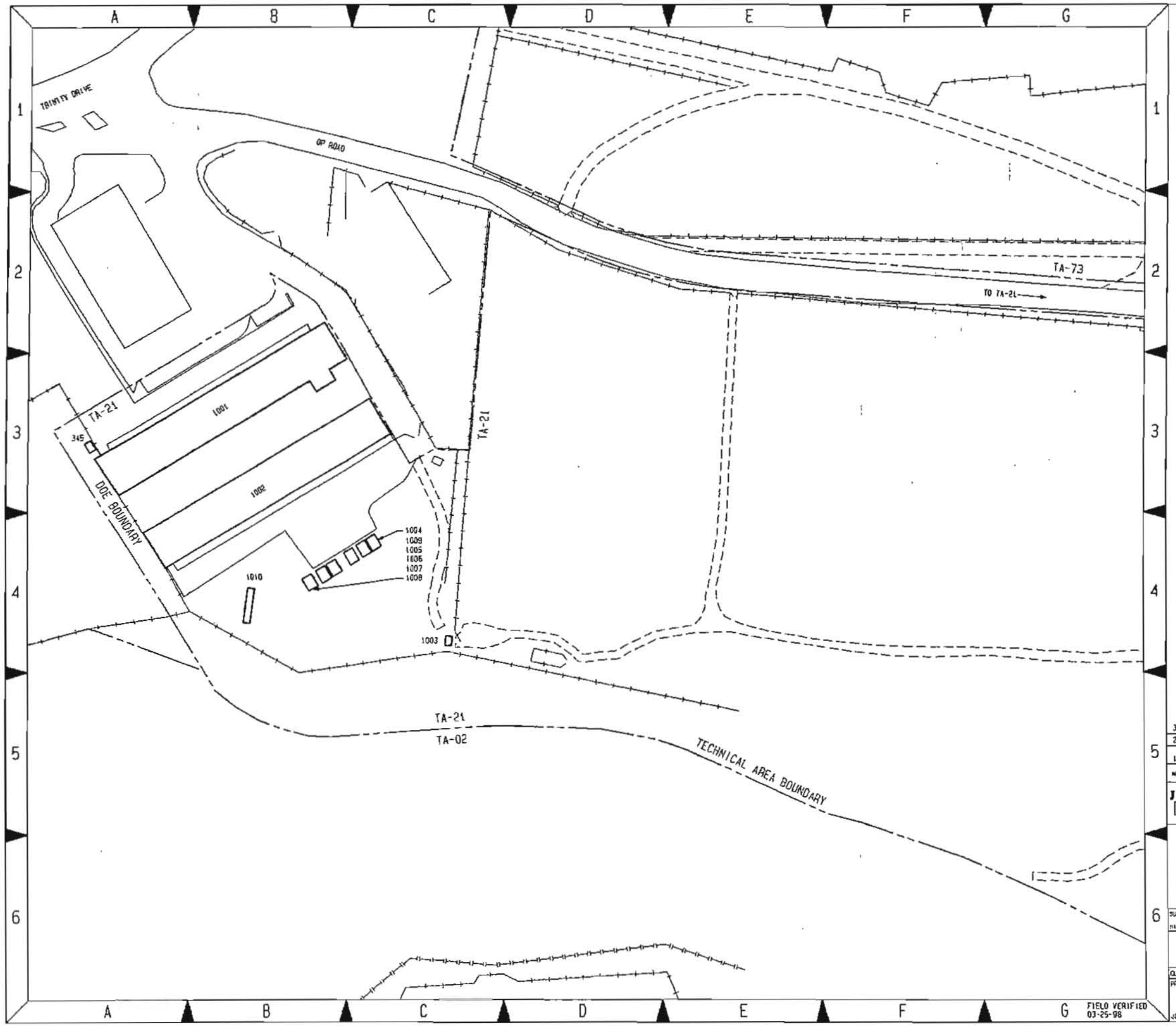
3 5/6

CLASSIFICATION U REVIEWER H. SALAZAR DATE 1-13-97

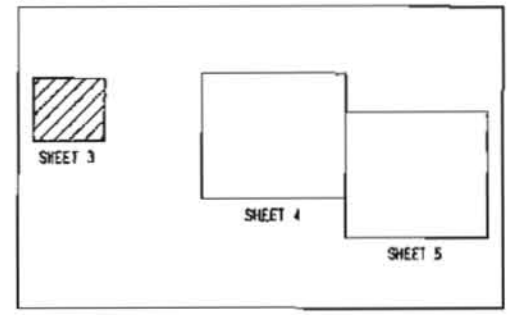
PROJECT ID 11952

DRAWING NO AB23

REV 2



KEY MAP



N

SCALE: 1:600

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FEET

NO	DATE	CLASS REV	DESCRIPTION	DWN	DES	CHKD	SUR	APP
3	03-26-98		REVISED TO STATUS OF 03-25-98	AFV	AFV	HMS	HMS	LAB
2	01-07-97		REVISED TO STATUS OF 01-03-97	MEG	CJR	HMS	DMV	LAB
1	07-29-94		REVISED TO NEW STANDARDS AND TO STATUS OF 07-13-94	JPM	JPM	HMS	JAF	FCT

Johnson Controls
Northern New Mexico

AS-BUILT STRUCTURE LOCATION MAPS

TA-21

OP-SITE

DRAWN: A. GALLEGOS
VERIFIED: C. REILEY
CHECKED: H. SALAZAR
DATE: 03-23-98

SUBMITTED: HAROLD SALAZAR
APPROVED FOR RELEASE: LARRY SAYS

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET 3 OF 5

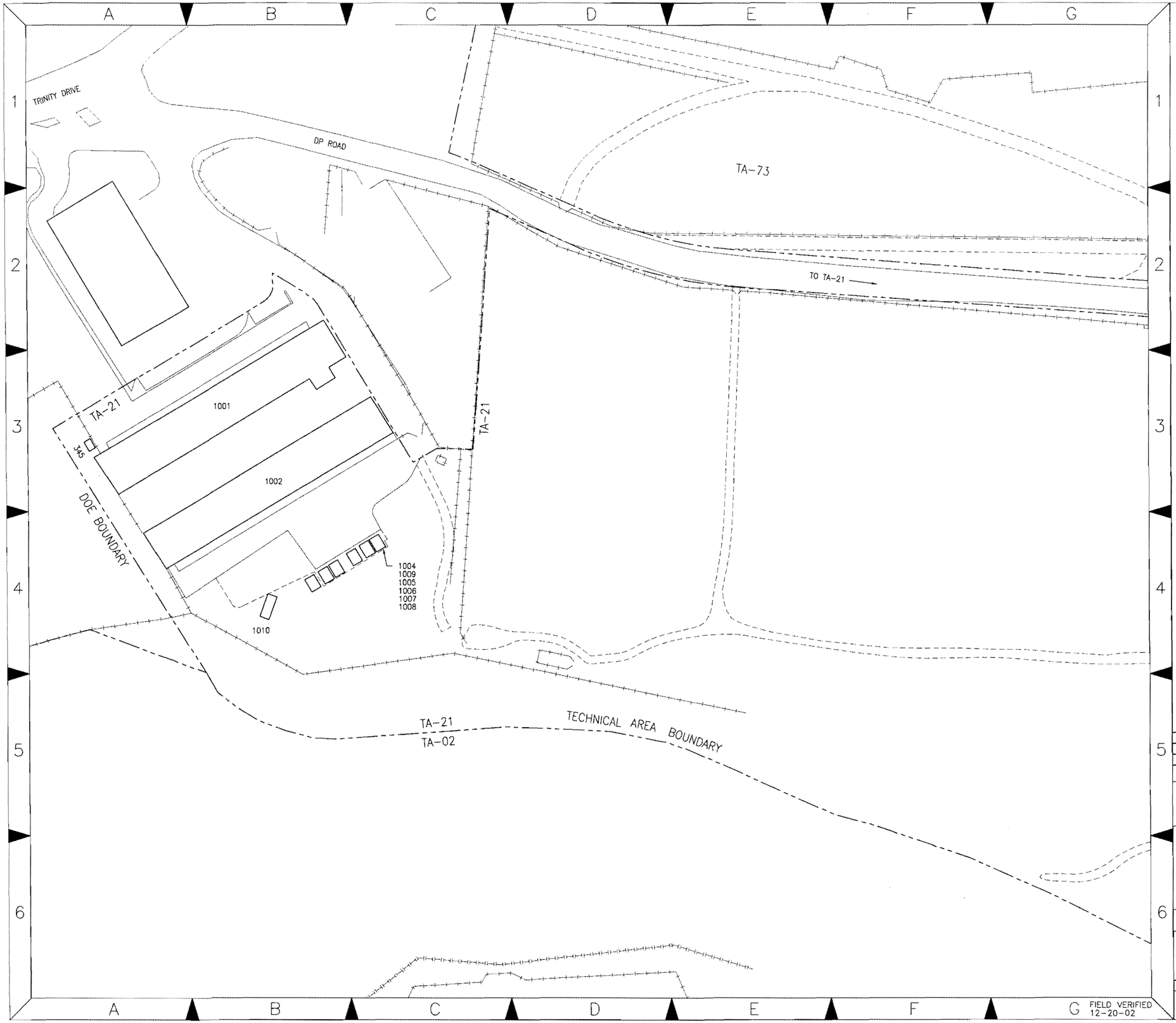
CLASSIFICATION: U REVIEWED: H. SALAZAR DATE: 4-2-98

PROJECT ID: 11952

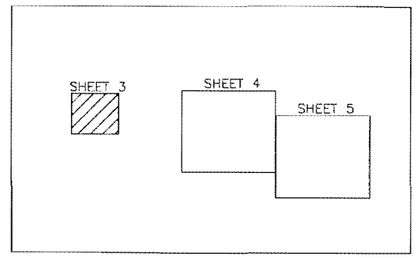
DRAWING NO: A823

REV: 3

JCI NO 97-002



KEY MAP



SCALE: 1:600

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FEET

N

NO	DATE	CLASS REV	DESCRIPTION	DWN	DES	CHKD	SUB	APP
6	12-20-02		REVISED TO STATUS OF 12-20-02	HPR	HPR	MEG	HMS	LAB
5	03-21-01		REVISED TO STATUS OF 03-21-01	HPR	SAD	CES	HMS	LAB
4	03-23-00		REVISED TO STATUS OF 03-23-00	MMM	SAD	CES	HMS	LAB
3	01-07-97		REVISED TO STATUS OF 03-25-98	AFV	AFV	HMS	HMS	LAB

KSL KBR • SHAW • LATA

AS-BUILT STRUCTURE LOCATION MAPS

DP-SITE

TA-21

DRAWN	J. MORK
DESIGN	J. MORK
CHECKED	H. SALAZAR
DATE	08-23-93

SUBMITTED: HAROLD SALAZAR

APPROVED FOR RELEASE BY: LARRY BAYS

Los Alamos NATIONAL LABORATORY
PO Box 1663
Los Alamos, New Mexico 87545

SHEET 3

3 OF 5

CLASSIFICATION: U

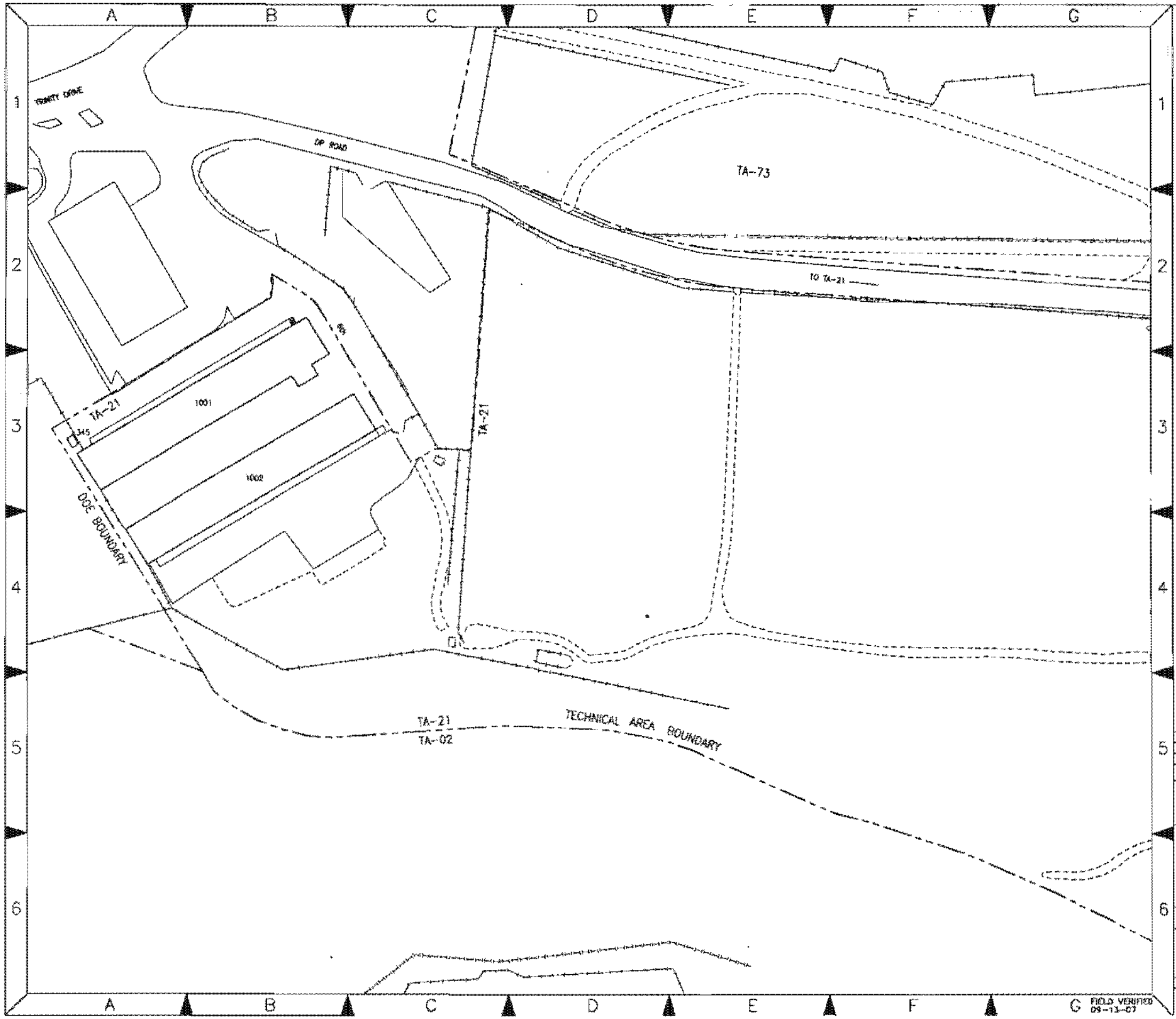
REVIEWER: HAROLD SALAZAR

DATE: 2-11-03

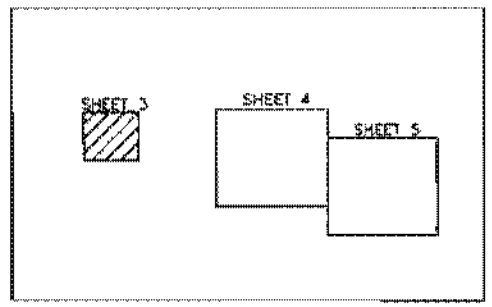
PROJECT ID: KSL NO. 91-020 11952

DRAWING NO: AB23

REV: 6



KEY MAP



SCALE: 1:600

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FEET

N

NO	DATE	CLASS'N APPV	DESCRIPTION	DRWN	DES	CHKD	APPD
3	09-13-07		REVISED TO STATUS OF 08-13-07	JWM	MPR	JMC	HMS
4	12-20-02		REVISED TO STATUS OF 12-20-02	HPR	MPR	JMS	HMS
5	03-21-03		REVISED TO STATUS OF 03-21-03	HPR	MPR	MSC	HMS
6	03-23-03		REVISED TO STATUS OF 03-23-03	HPR	SAS	DLS	HMS

KSL KBR • SHAW • LATA

AS-BUILT STRUCTURE LOCATION MAPS

DP-SITE

TA-21

DRAWN	J. MORK
DESIGN	J. MORK
CHECKED	H. SALAZAR
DATE	08-23-03

SUBMITTED
HAROLD SALAZAR

APPROVED FOR RELEASE BY
LANDY BATS

Los Alamos NATIONAL LABORATORY PO Box 1663 Los Alamos, New Mexico 87545

SHEET 3

3 OF 5

CLASSIFICATION

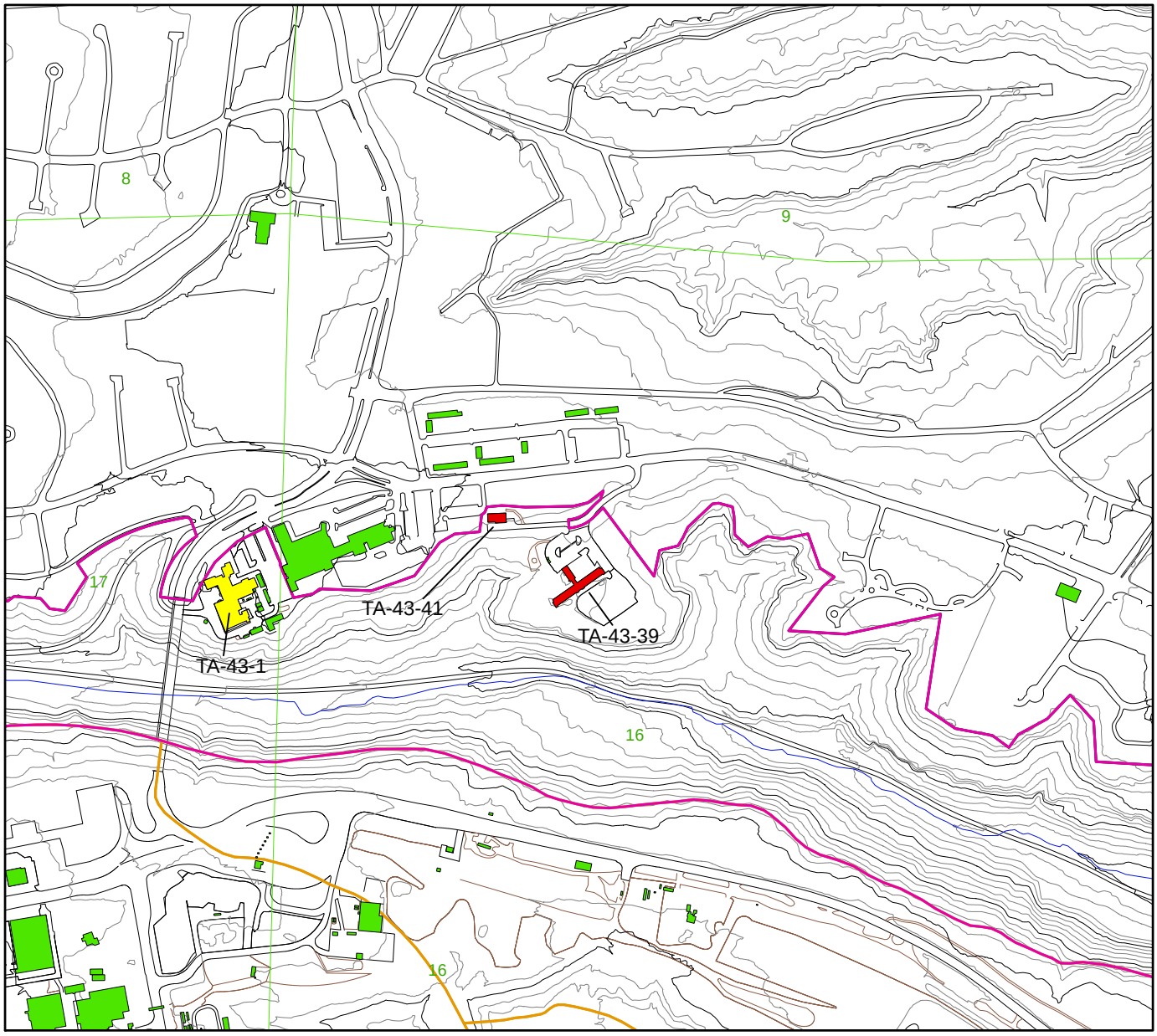
REVISION HAROLD SALAZAR DATE

PROJECT ID 11952

DRAWING NO AB23

REV 7

KSL NO. 01-030



Guaje Mountain Quad

Los Alamos
National Laboratory
Cultural Resources Team
ENV-EAQ Ecology &
Air Quality Group

1:9,409

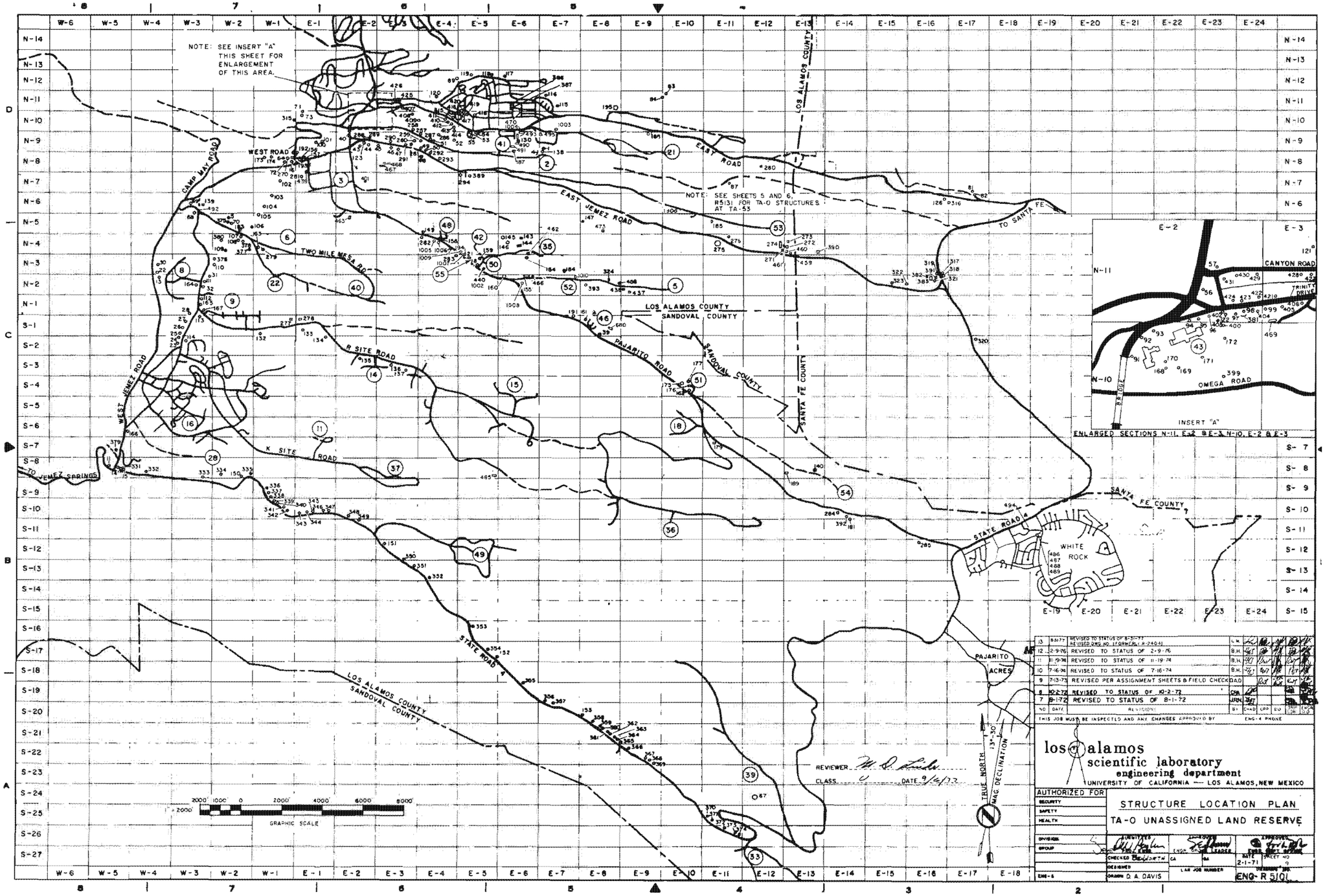
500 250 0 500 1,000 1,500 Feet

500 250 0 Meters

N
W E
S

- Buildings Previously Declared Eligible
- Buildings Previously Declared Not Eligible
- Buildings Not Yet Evaluated
- Building/Structures
- Technical Area 43 Boundary
- LANL Boundary
- Technical Areas
- Drainage
- Township, Range, Section
- USGS 7.5 Minute Quad
- 20 Foot Contours
- 100 Foot Contours
- Dirt Roads
- Paved Roads

TA-43
DOE LAAO Tract
Eligible and Non-Eligible



NO	DATE	REVISIONS	BY	CHKD	UPD	ED
13	8-3-77	REVISED TO STATUS OF 8-31-77 REVISED DWG NO. 17 FORMERLY R-2404	L.M.			
12	2-9-76	REVISED TO STATUS OF 2-9-76	B.H.			
11	11-19-74	REVISED TO STATUS OF 11-19-74	B.H.			
10	7-16-74	REVISED TO STATUS OF 7-16-74	B.H.			
9	7-13-73	REVISED PER ASSIGNMENT SHEETS & FIELD CHECKOAD				
8	10-2-72	REVISED TO STATUS OF 10-2-72	CPA			
7	8-1-72	REVISED TO STATUS OF 8-1-72	JRM			

THIS JOB MUST BE INSPECTED AND ANY CHANGES APPROVED BY ENG-4 PHONE

los alamos scientific laboratory
engineering department
UNIVERSITY OF CALIFORNIA — LOS ALAMOS, NEW MEXICO

AUTHORIZED FOR
SECURITY
SAFETY
HEALTH
DIVISION
GROUP
ENG-5

STRUCTURE LOCATION PLAN
TA-0 UNASSIGNED LAND RESERVE

SUBMITTED
APPROVED
CHECKED
DESIGNED
DRAWN D. A. DAVIS
LAB JOB NUMBER
DATE 2-1-71
SHEET NO 9
ENG-R 5101

NOTE: SEE INSERT "A" THIS SHEET FOR ENLARGEMENT OF THIS AREA

LOS ALAMOS

WEST ROAD

CAMP MAY ROAD

EAST JEMEZ ROAD

TWO MILE MESA RD

R SITE ROAD

K SITE ROAD

WEST JEMEZ ROAD

TO JEMEZ SPRINGS

EAST ROAD

TO SANTA FE

PAJARITO ROAD

LOS ALAMOS COUNTY
SANDOVAL COUNTY

SANTA FE COUNTY

STATE ROAD 4

WHITE ROCK

PAJARITO ACRES

CANYON ROAD

TRINITY DRIVE

OMEGA ROAD

INSERT "A"
ENLARGED SECTIONS N-11, E-2 & E-3, N-10, E-2 & E-3

1" = 2000'
2000' 1000' 0 2000' 4000' 6000' 8000'
GRAPHIC SCALE

TRUE NORTH
13°-30'
MAG DECLINATION

REV.	DATE	REVISION	BY	CKD	APP
14	10-18-83	REVISED TITLE BLOCK & DWG TO STATUS OF 6-17-83	HS		

UNIVERSITY OF CALIFORNIA
Los Alamos
Los Alamos National Laboratory
Los Alamos, New Mexico 87545

FACILITIES ENGINEERING DIVISION

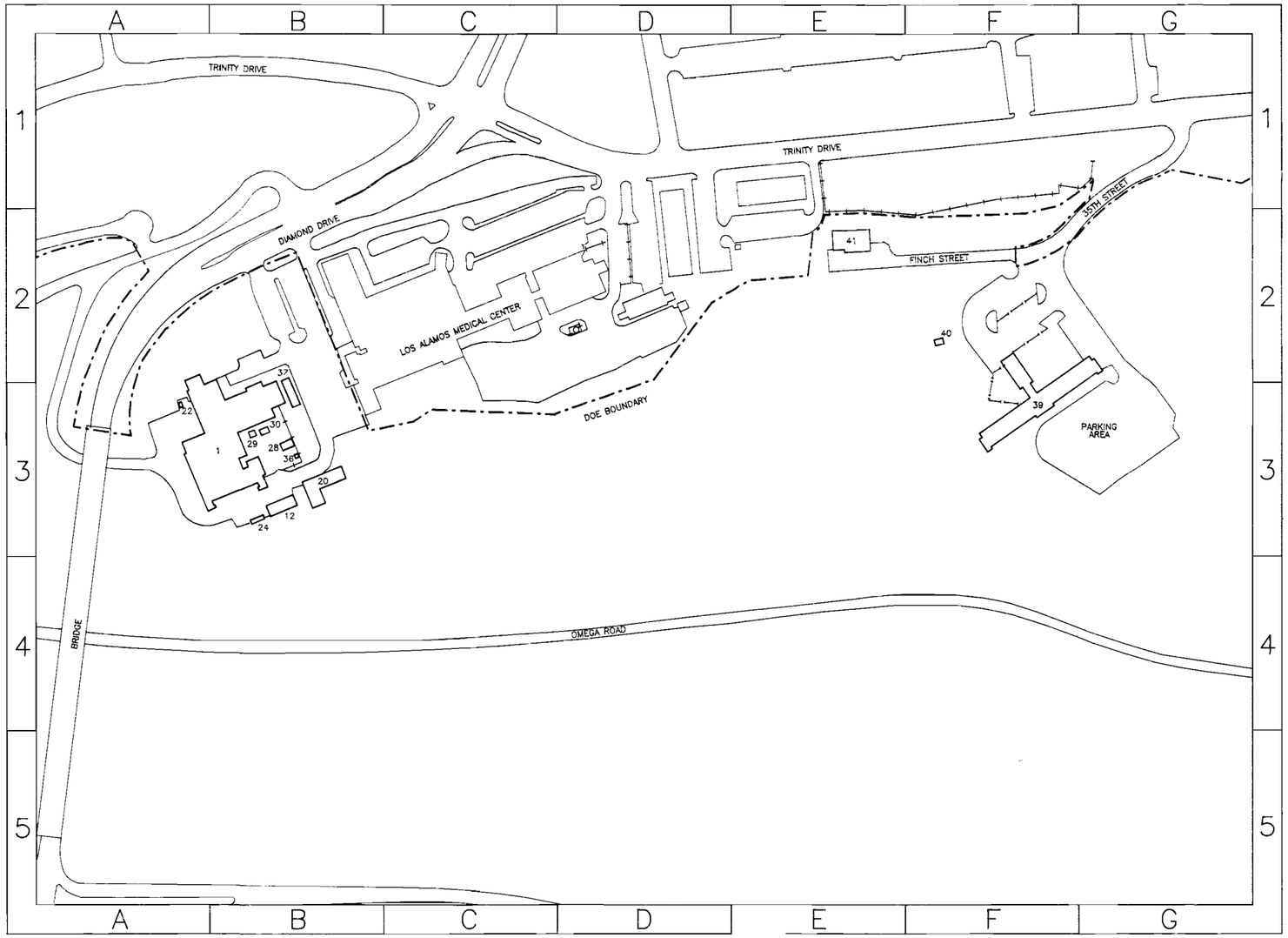
STRUCTURE LOCATION PLAN
TA-0 UNASSIGNED LAND RESERVE

SEC CLASSIFICATION
CLASS. U
REVIEWER
DATE 12-16-83

SUBMITTED	RECOMMENDED	APPROVED
		W. F. Ellis
DRAWN	DATE	SHEET NO.
CHECKED	10-18-83	12 OF 12

DRAWING NO. ENG-R5101

TA-43



AUTOGIS

SCALE 1: 1440.

120 0 120 240 FEET

N

STRUCTURE NUMBER INDEX

STRUCTURE TA-NUMBER	STRUCTURE DESIGNATION	STRUCTURE NOMENCLATURE	STRUCTURE LOCATOR SHEET NO.	MAP KEY
43- 1	HRL- 1	HEALTH RESEARCH LABORATORY	1	B-3
43- 12	HRL- 12	WAREHOUSE	1	B-3
43- 20	HRL- 20	TRANSPORTABLE OFFICE BLDG.	1	B-3
43- 22	HRL- 22	EMERGENCY ACCESS	1	A-3
43- 24	HRL- 24	TRAILER, OFFICE	1	B-3
43- 28	HRL- 28	STORAGE SHED	1	B-3
43- 29	43- 29	STORAGE SHED	1	B-3
43- 30	43- 30	STORAGE SHED	1	B-3
43- 36	43- 36	STORAGE SHED	1	B-3
43- 37	43- 37	OFFICE TRAILER	1	B-3
43- 39	43- 39	DOE HEADQUARTERS	1	F-3
43- 40	43- 40	PUMP HOUSE	1	F-2
43- 41	43- 41	STEAM PLANT	1	E-2

REV.	DATE	REVISION	BY	CKD	APP
15	04-12-89	REDRAWN & REVISED TO STATUS OF 04-03-89			

UNIVERSITY OF CALIFORNIA
Los Alamos National Laboratory
Los Alamos, New Mexico 87545

FACILITIES ENGINEERING DIVISION

STRUCTURE LOCATION MAP

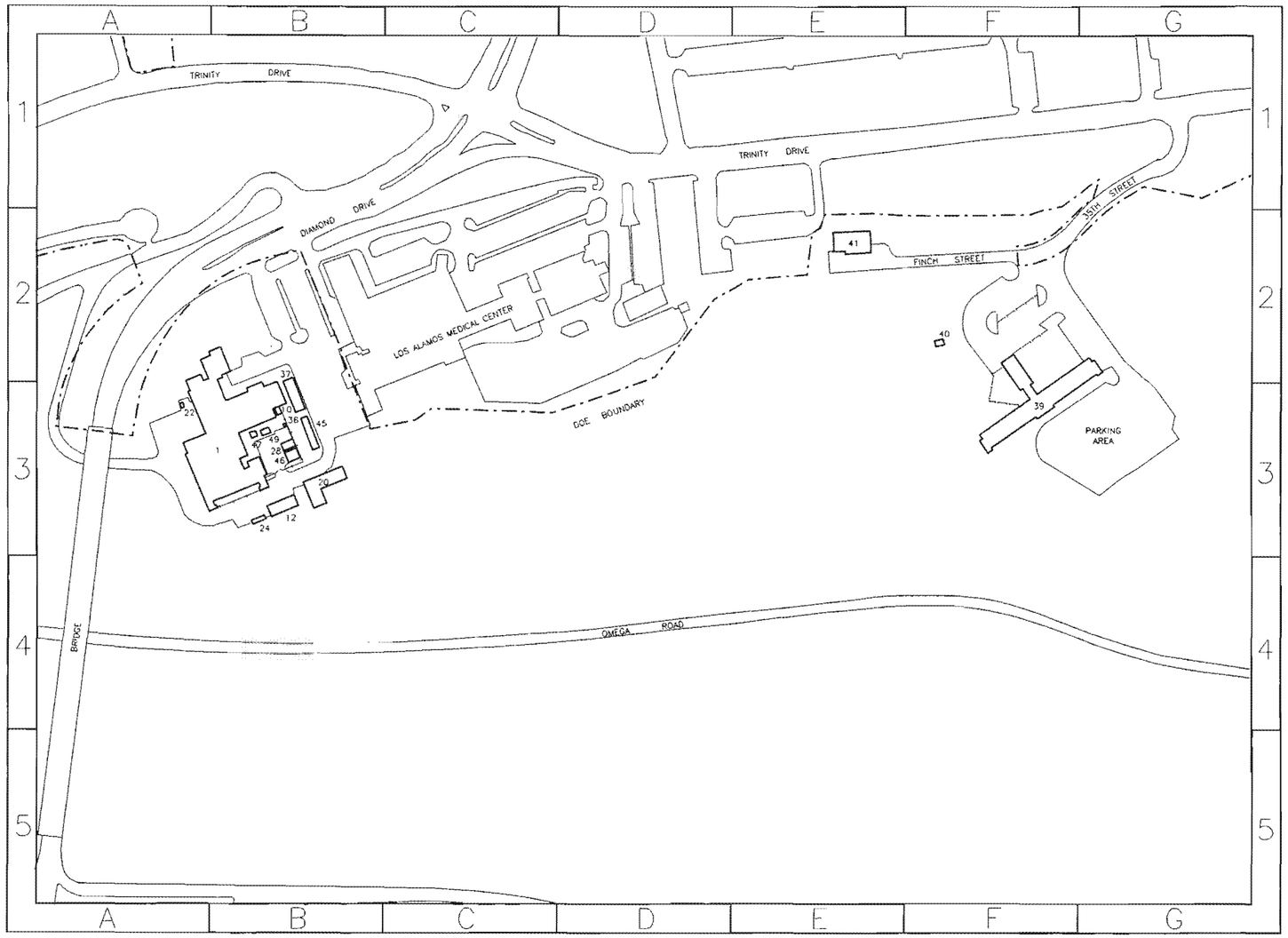
TA-43
HEALTH RESEARCH LABORATORY

SEC. CLASSIFICATION
CLASS: U
REVIEWER:
DATE: 11/3/89

SUBMITTED	RECOMMENDED	APPROVED

DRAWN: C.SANDOVAL
CHECKED: N.BYERS
DATE: 04-12-89
SHEET NO: 1 OF 1
DRAWING NO: ENG-R 5123

TA-43



SCALE 1: 1440

120 0 120 240 FEET

N

AUTOGIS

STRUCTURE NUMBER INDEX

STRUCTURE TA-NUMBER	STRUCTURE DESIGNATION	STRUCTURE NOMENCLATURE	STRUCTURE LOCATOR SHEET NO.	MAP KEY
43- 1	HRL- 1	HEALTH RESEARCH LABORATORY	1	B-3
43- 10	43- 10	SEWAGE LIFT STATION	1	B-3
43- 12	HRL- 12	WAREHOUSE	1	B-3
43- 20	HRL- 20	TRANSPORTABLE OFFICE BLDG.	1	B-3
43- 22	HRL- 22	EMERGENCY ACCESS	1	A-3
43- 24	HRL- 24	TRAILER, OFFICE	1	B-3
43- 28	HRL- 28	STORAGE SHED	1	B-3
43- 36	43- 36	STORAGE SHED	1	B-3
43- 37	43- 37	OFFICE TRAILER	1	B-3
43- 39	43- 39	DOE HEADQUARTERS	1	F-3
43- 40	43- 40	PUMP HOUSE	1	F-2
43- 41	43- 41	STEAM PLANT	1	E-2
43- 45	43- 45	LUNCH CONFERENCE ROOM	1	B-3
43- 46	43- 46	STORAGE SHED	1	B-3
43- 47	43- 47	CHEMICAL SHED	1	B-3
43- 49	43- 49	CHEMICAL SHED	1	B-3

NO.	DATE	CLASS REV.	REVISIONS	DWN	DES	CKD	REL	SUB	REC	APP

FACILITIES ENGINEERING DIVISION

STRUCTURE LOCATION MAP
TA-43
HEALTH RESEARCH LABORATORY
BLDG.

DRAWN	C.SANDOVAL
DESIGN	
CHECKED	B. COMER
RELEASED	B. COMER
DATE	03-06-91

SUBMITTED | RECOMMENDED | APPROVED

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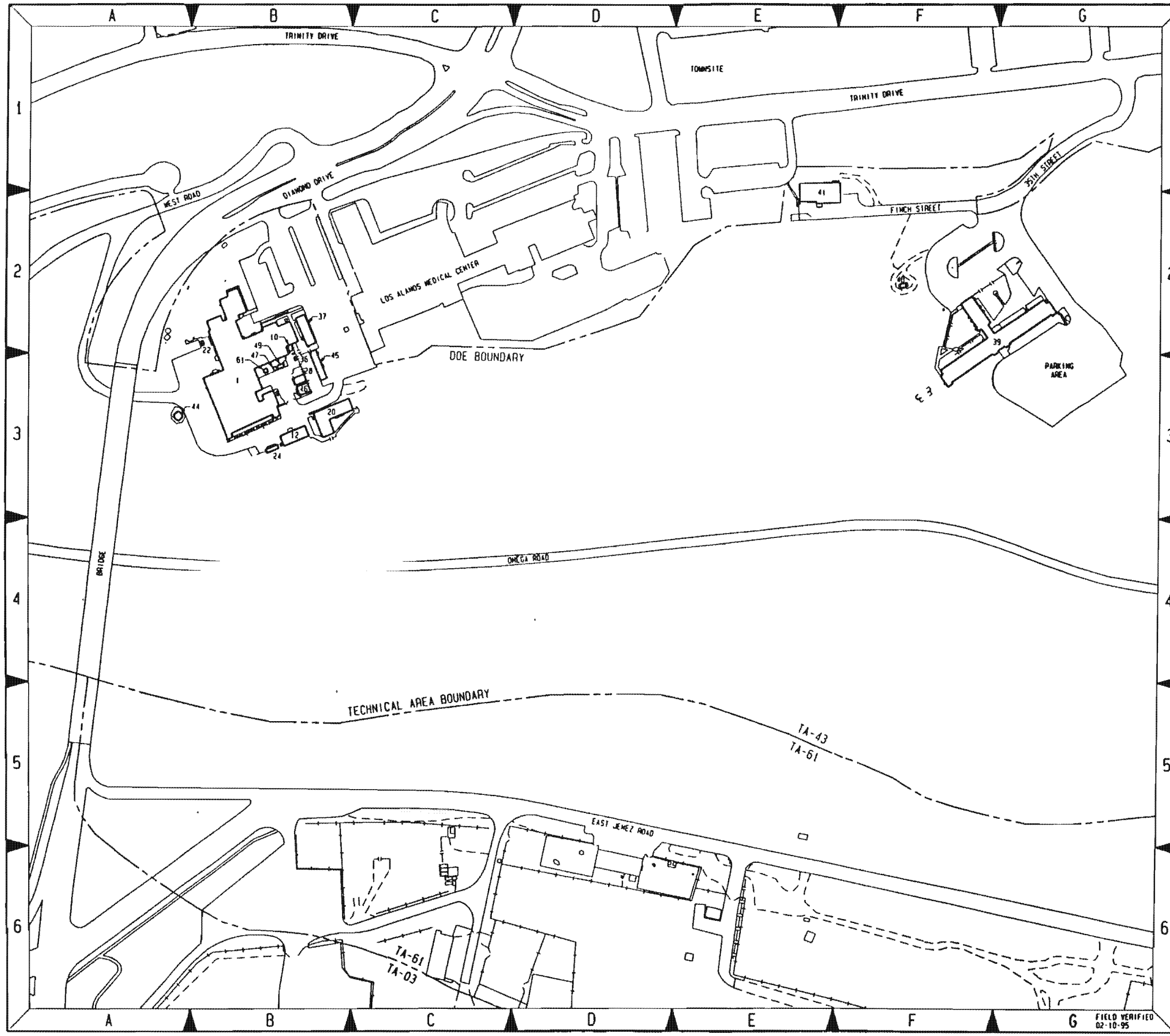
SHEET 1 OF 1

CLASSIFICATION U REVIEWER DATE 4-5-91

LAB JOB NO.

DRAWING NO. ENG-R 5123

REV. 17



STRUCTURE LOCATION INDEX

TA-NUMBER	STRUCTURE DESIGNATION	STRUCTURE NOMENCLATURE	STRUCTURE LOCATOR SHEET NO	STRUCTURE LOCATOR MAP KEY
43-1	HRL-1	HEALTH RESEARCH LABORATORY	2	B-3
43-10	43-10	SEWAGE LIFT STATION	2	B-2
43-12	HRL-12	WAREHOUSE	2	B-3
43-20	HRL-20	TRANSPORTABLE OFFICE BLDG	2	B-3
43-22	HRL-22	EMERGENCY ACCESS	2	B-2
43-24	HRL-24	TRAILER, OFFICE	2	B-3
43-28	HRL-28	STORAGE SHED	2	B-3
43-36	43-36	STORAGE SHED	2	B-3
43-37	43-37	TRAILER OFFICE	2	B-2
43-39	43-39	DOE HEADQUARTERS	2	F-2
43-40	43-40	PUMP HOUSE	2	F-2
43-41	43-41	STORAGE BLDG	2	E-2
43-44	43-44	COOLING TOWER	2	A-3
43-45	43-45	LUNCH CONFERENCE ROOM	2	B-3
43-46	43-46	STORAGE SHED	2	B-3
43-47	43-47	CHEMICAL SHED	2	B-3
43-49	43-49	CHEMICAL SHED	2	B-3
43-61	43-61	CHEMICAL SHED	2	B-3

N

SCALE: 1:1200

100 0 100 200

FEET

NO	DATE	CLASS REV	REVISIONS	DRAWN	VER	CHKD	REL	SUB	REC	APP

JOHNSON CONTROLS WORLD SERVICES INC.

AS-BUILT STRUCTURE LOCATION MAPS

TA-43

HEALTH RESEARCH LAB & DOE HDQRS.

DRAWN	J. CATES
VERIFIED	J. CATES
CHECKED	J. HOWARD
RELEASED	D. SALAZAR
DATE	02-22-95

SUBMITTED JERRY FORTE 2/24/95

RECOMMENDED FRED THOMPSON F. Thompson 3/1/95

APPROVED FRED THOMPSON F. Thompson 3/1/95

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET 2 OF 2

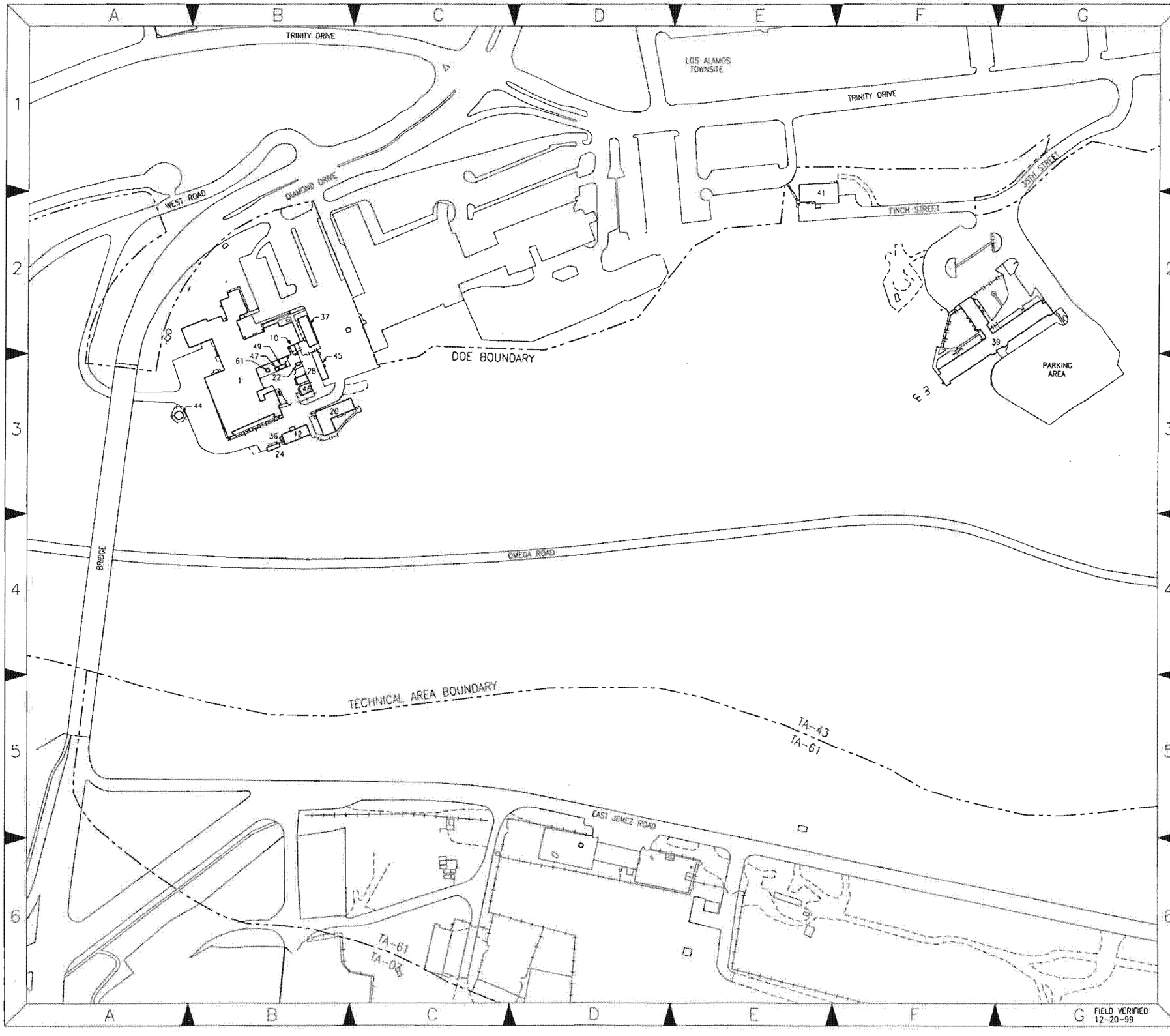
CLASSIFICATION U REVIEWER D. SALAZAR DATE 3/24/95

PROJECT ID 11952

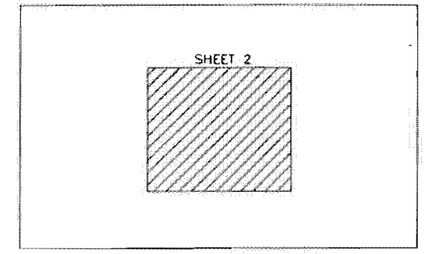
DRAWING NO AB33

REV

020-18 DA 1.7



KEY MAP



STRUCTURE LOCATION INDEX

STRUCTURE TA NUMBER	STRUCTURE DESIGNATION	STRUCTURE NOMENCLATURE	LOCATOR SHEET NO.	LOCATOR MAP KEY
43-1	43-1	HEALTH RESEARCH LABORATORY	2	B-3
43-10	43-10	SEWAGE LIFT STATION	2	B-2
43-12	43-12	WAREHOUSE	2	B-3
43-20	43-20	TRANSPORTABLE OFFICE BLDG.	2	B-3
43-22	43-22	METAL SHED	2	B-3
43-24	43-24	TRAILER	2	B-3
43-28	43-28	GARAGE SHED	2	B-3
43-36	43-36	STORAGE SHED	2	B-3
43-37	43-37	TRAILER	2	B-2
43-39	43-39	DOE HEADQUARTERS	2	F-2
43-41	43-41	STORAGE BLDG.	2	E-2
43-44	43-44	COOLING TOWER	2	A-3
43-45	43-45	TRAILER	2	B-3
43-46	43-46	STORAGE BLDG.	2	B-3
43-47	43-47	SAFETY STORAGE SHED	2	B-3
43-49	43-49	SAFETY STORAGE SHED	2	B-3
43-61	43-61	SAFETY STORAGE SHED	2	B-3

SCALE: 1:1200 IN
100 0 100 200
FEET

N

NO	DATE	CLASS REV	DESCRIPTION	DWN	VER	CHKD	SUB	APP
J	12-20-99		REVISED TO STATUS OF 12-20-99	HMM	SAD	CES	HMS	LAB
2	05-28-97		REVISED TO STATUS OF 05-28-97	MEG	MEG	HMS	DMV	LAB
1	12-04-96		REVISED TO STATUS OF 12-04-96	CJR	CJR	HMS	DMV	LAB

Johnson Controls
Northern New Mexico

AS-BUILT STRUCTURE LOCATION MAPS

TA-43

HEALTH RESEARCH LAB & DOE HDQRS

DRAWN	M. GALLEGOS
VERIFIED	M. GALLEGOS
CHECKED	H. SALAZAR
DATE	02-22-95

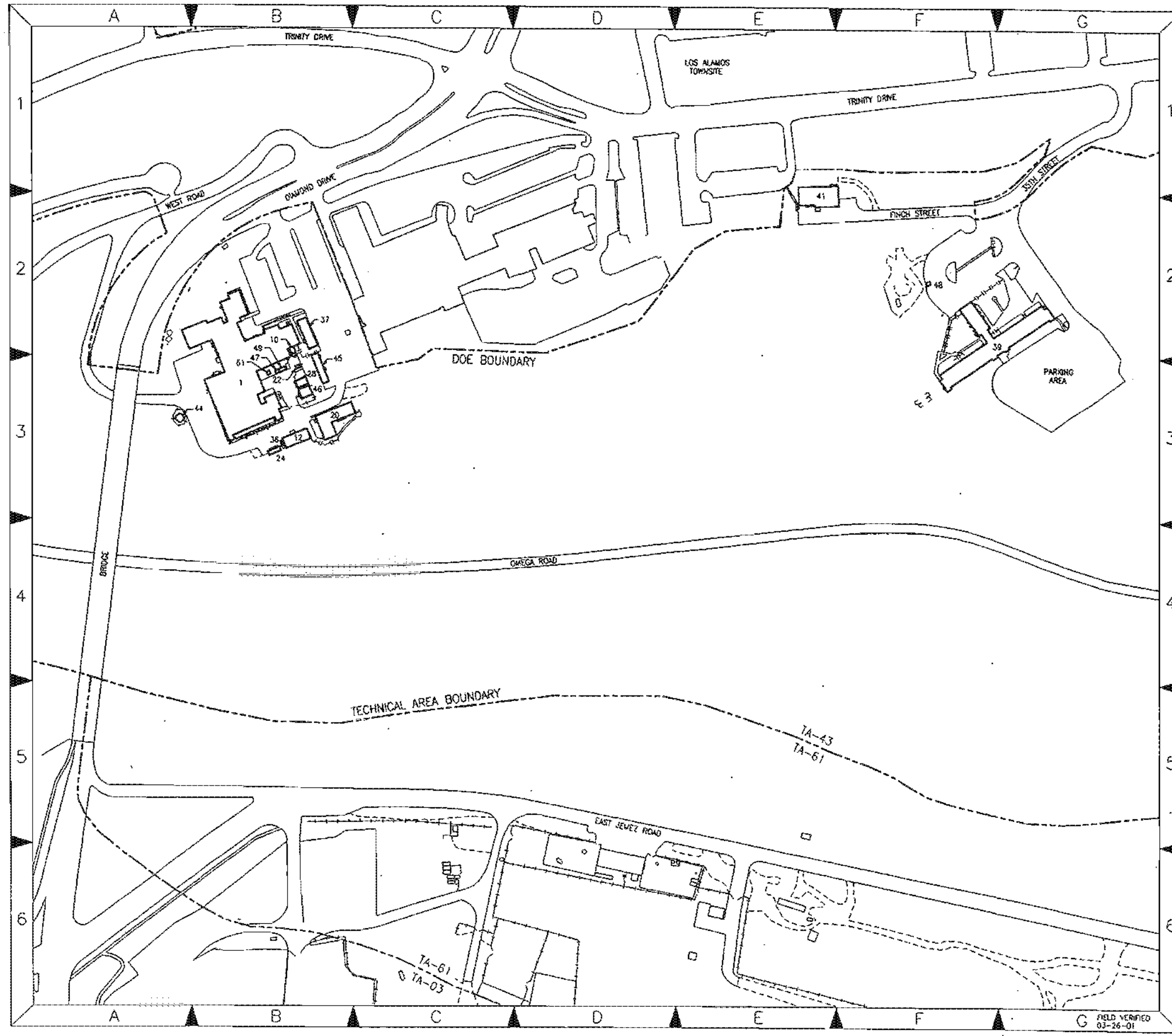
SUBMITTED: HAROLD SALAZAR
APPROVED FOR RELEASE: LARRY BAYS

Los Alamos Los Alamos National Laboratory, Los Alamos, New Mexico 87545

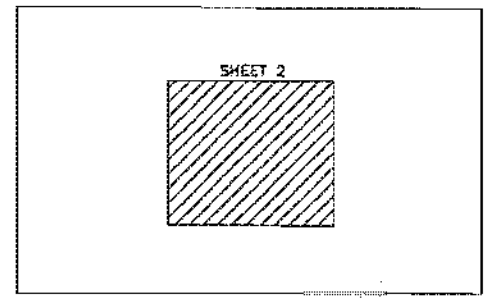
SHEET 2 OF 2

CLASSIFICATION: U REVIEWER: HAROLD SALAZAR DATE: 1-25-00

PROJECT ID: 11952
DRAWING NO: AB33
REV: 3
JCI NO 97-002



KEY MAP



STRUCTURE LOCATION INDEX

STRUCTURE TA NUMBER	STRUCTURE DESIGNATION	STRUCTURE NOMENCLATURE	LOCATOR SHEET NO.	LOCATOR MAP KEY
43-1	43-1	HEALTH RESEARCH LABORATORY	2	B-3
43-10	43-10	SEWAGE LIFT STATION	2	B-2
43-12	43-12	WAREHOUSE	2	B-3
43-20	43-20	TRANSPORTABLE OFFICE BLDG.	2	B-3
43-22	43-22	METAL SHED	2	B-3
43-24	43-24	TRAILER	2	B-3
43-28	43-28	GARAGE, SHED	2	B-3
43-36	43-36	STORAGE SHED	2	B-3
43-37	43-37	TRAILER	2	B-2
43-39	43-39	DOE HEADQUARTERS	2	C-2
43-41	43-41	STORAGE BLDG.	2	C-2
43-44	43-44	COOLING TOWER	2	A-3
43-45	43-45	TRAILER	2	B-3
43-46	43-46	STORAGE BLDG.	2	B-3
43-47	43-47	SAFETY STORAGE SHED	2	B-3
43-48	43-48	SAFETY STORAGE SHED	2	C-2
43-49	43-49	SAFETY STORAGE SHED	2	B-3
43-61	43-61	SAFETY STORAGE SHED	2	B-3

SCALE: 1:1200 IN FEET

100 0 100 200

N

NO	DATE	CLASS REV	DESCRIPTION	DRWN	VER	CHKD	SUB	APP
4	03-26-01		REVISED TO STATUS OF 03-26-01	HPS	SAB	CES	HMS	LAB
3	12-20-99		REVISED TO STATUS OF 12-20-99	MMH	SAB	CES	HMS	LAB
2	05-28-97		REVISED TO STATUS OF 05-28-97	MES	MES	HMS	DMV	LAB
1	12-04-96		REVISED TO STATUS OF 12-04-96	CJR	CJR	HMS	DMV	LAB

Johnson Controls
Northern New Mexico

AS-BUILT STRUCTURE LOCATION MAPS

TA-43

HEALTH RESEARCH LAB & DOE HDQRS

DRAWN	M. GALLEGOS
VERIFIED	M. GALLEGOS
CHECKED	H. SALAZAR
DATE	02-22-95

SUBMITTED: HAROLD SALAZAR

APPROVED FOR RELEASE: LARRY DAYS

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET 2 of 2

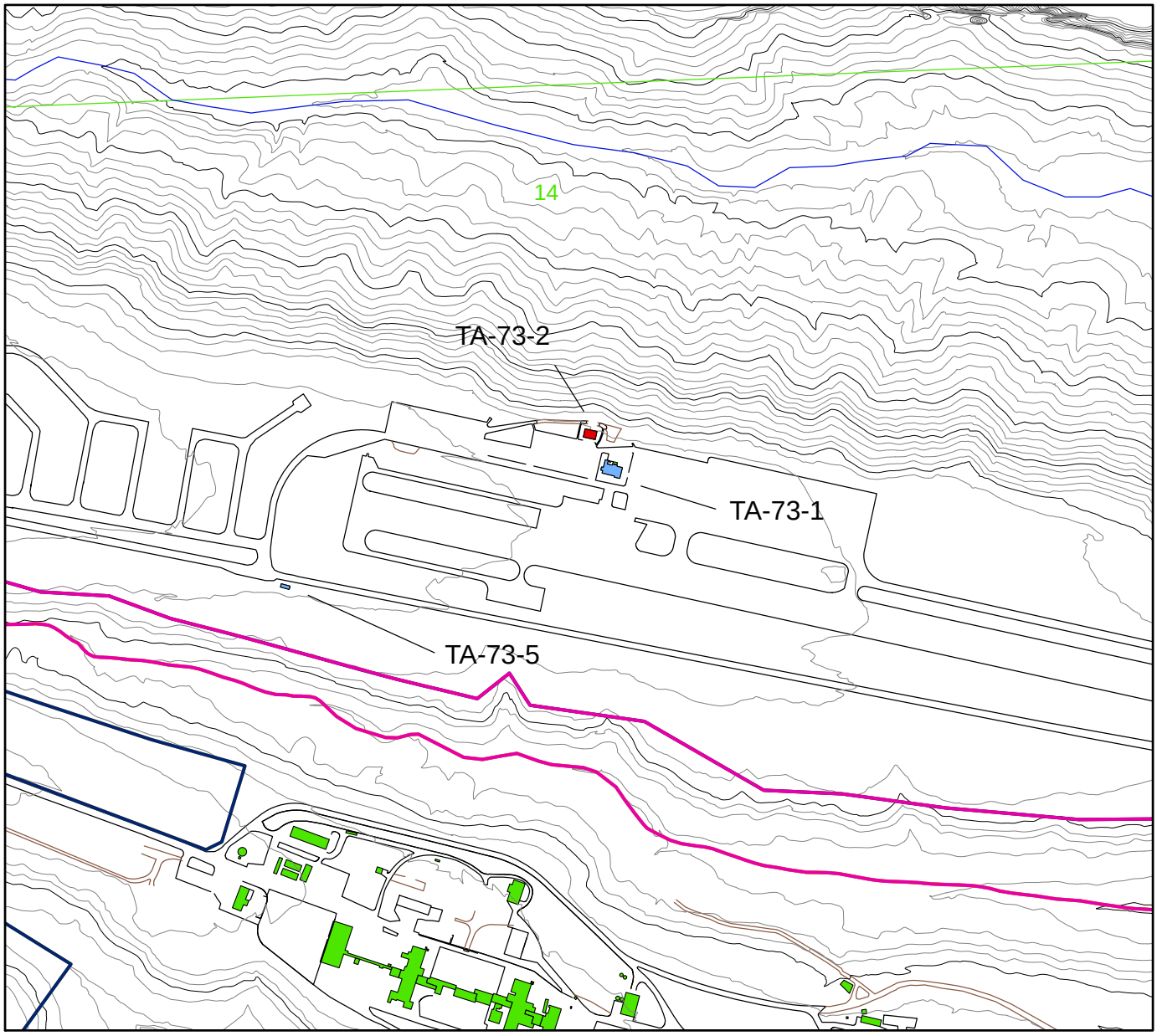
CLASSIFICATION: U REVIEWER: HAROLD SALAZAR DATE: 3-7-01

PROJECT ID: 11952

DRAWING NO: AB33

REV: 4

JCI NO. 91-020



1:7,000 Guaje Mountain Quad

Los Alamos
National Laboratory
Cultural Resources Team
ENV-EAQ Ecology &
Air Quality Group

500 250 0 500 1,000 1,500 Feet
500 250 0 Meters

N
W E
S

- Buildings Previously Declared Eligible
- Buildings Previously Declared Not Eligible
- Building/Structures
- New Technical Area 73 Boundary
- LANL Boundary
- Technical Areas
- Drainage
- Township, Range, Section
- USGS 7.5 Minute Quad
- 20 Foot Contours
- 100 Foot Contours
- Dirt Roads
- Paved Roads

TA-73
Airport Tract
Eligible and Non-Eligible

NOTE: SEE INSERT "A" THIS SHEET FOR ENLARGEMENT OF THIS AREA.

LOS ALAMOS

WEST ROAD

CAMP MAN ROAD

TWO MILE MESA RD.

WEST JEMEZ ROAD

TO JEMEZ SPRINGS

K SITE ROAD

R SITE ROAD

EAST ROAD

EAST JEMEZ ROAD

TO SANTA FE

PAJARITO ROAD

LOS ALAMOS COUNTY

SANDOVAL COUNTY

SANTA FE COUNTY

STATE ROAD 4

WHITE ROCK

PAJARITO ACRES

CANYON ROAD

TRINITY DRIVE

OMEGA ROAD

BRIDGE

INSERT "A"

ENLARGED SECTIONS N-11, E-2 & E-3, N-10, E-2 & E-3

GRAPHIC SCALE

1" = 2000'

TRUE NORTH

13° 30' MAG DECLINATION

REV.	DATE	REVISION	BY	CKD	APP
14	10-18-83	REVISED TITLE BLOCK & DWG TO STATUS OF 6-17-83 HS			

UNIVERSITY OF CALIFORNIA
Los Alamos
Los Alamos National Laboratory
Los Alamos, New Mexico 87545

FACILITIES ENGINEERING DIVISION

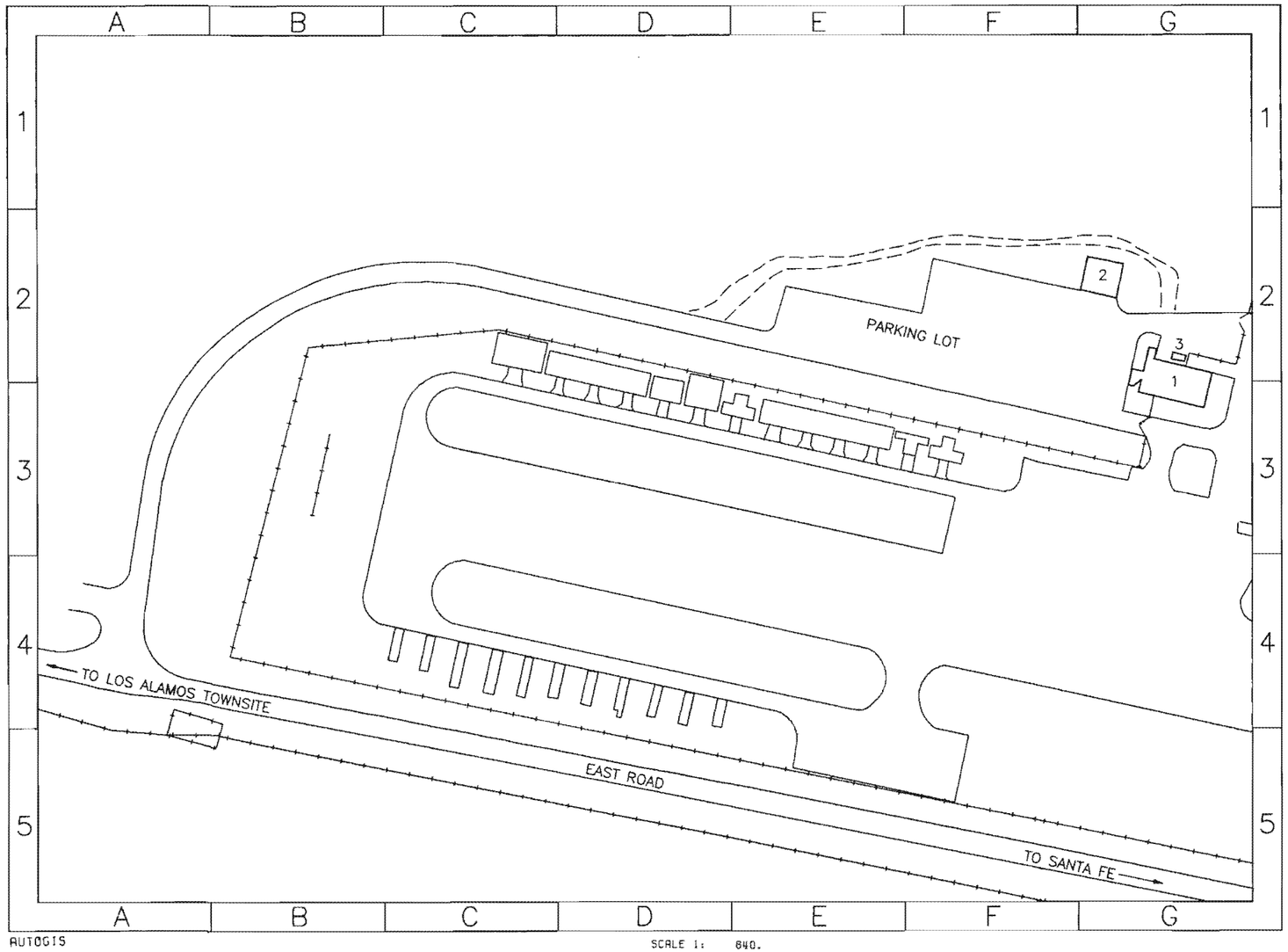
STRUCTURE LOCATION PLAN
TA-0 UNASSIGNED LAND RESERVE

SEC CLASSIFICATION
CLASS. U
REVIEWER
DATE 12-16-83

SUBMITTED	RECOMMENDED	APPROVED
DRAWN	DATE	SHEET NO.
CHECKED	10-18-83	12 OF 12

DRAWING NO. ENG-R5101

TA-73



AUTOCIS

SCALE 1: 640.

N

70 0 70 140 FEET

REV.	DATE	REVISION	BY	CKD.	APP

UNIVERSITY OF CALIFORNIA

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

FACILITIES ENGINEERING DIVISION

STRUCTURE LOCATION MAP

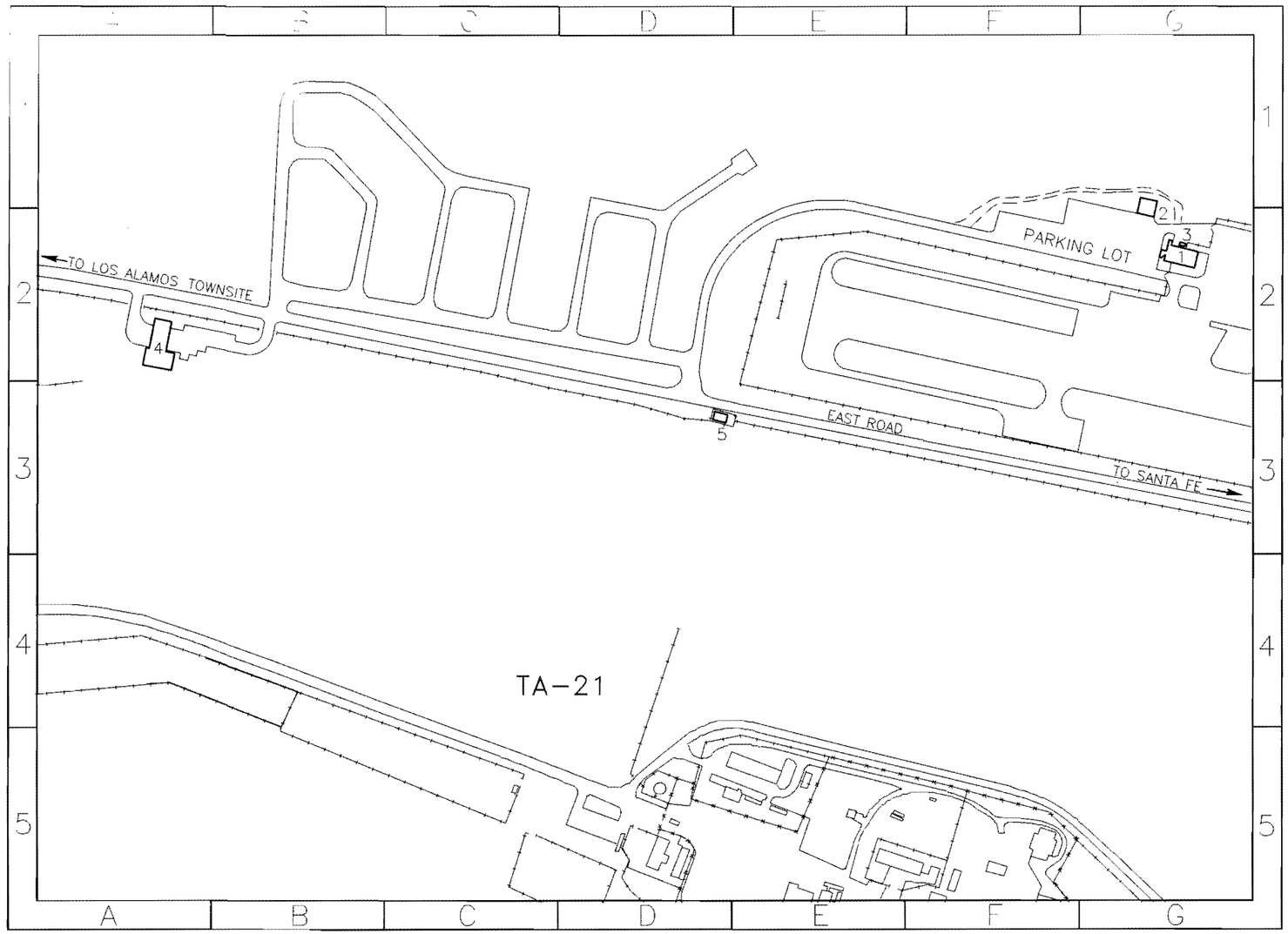
SEC. CLASSIFICATION: CLASS U; REVIEWER A. Hightower; DATE 7/30/89

TA-73 **AIRPORT SITE**

SUBMITTED	RECOMMENDED	APPROVED
Harold Sisler	Bryan Comer	C M Bare

DRAWN	CHECKED	DATE	SHEET NO.	DRAWING NO.
N. SALAZAR	B. COMER	6-30-89	2 OF 2	ENG-R 7125

TA-73



SCALE 1: 840

70 0 70 140 FEET

N

AUTOGIS

NO.	DATE	CLASS REV.	REVISIONS	DWN	DES	CKD	REL	SUB	REC	APP

FACILITIES ENGINEERING DIVISION

STRUCTURE LOCATION MAP

TA-73

AIRPORT SITE

BLDG.

DRAWN	C.SANDOVAL
DESIGN	
CHECKED	B. COMER
RELEASED	B. COMER
DATE	03-07-91

SUBMITTED | RECOMMENDED | APPROVED

LOS ALAMOS NATIONAL LABORATORY
LOS ALAMOS, NEW MEXICO 87545

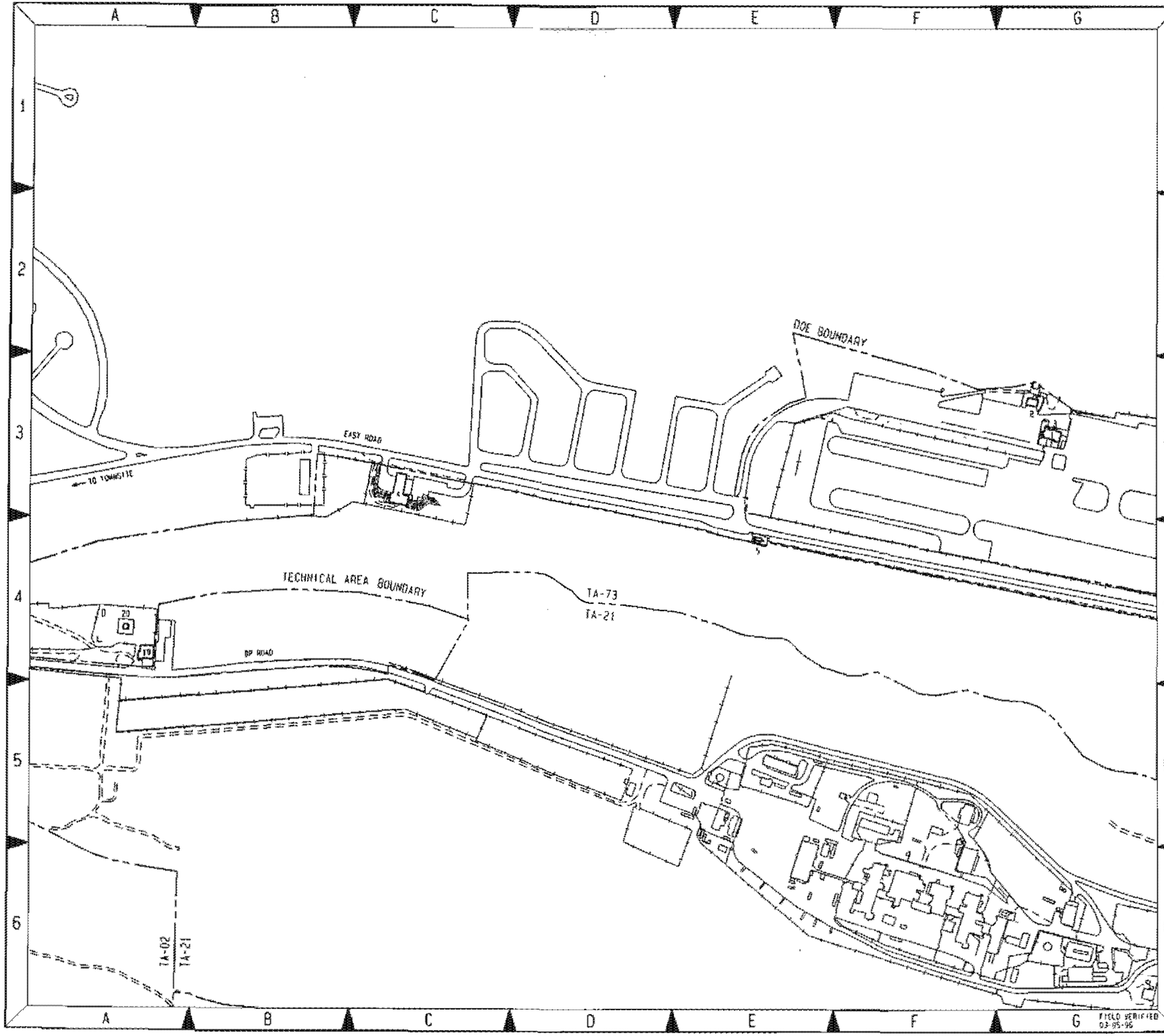
SHEET 2 OF 2

CLASSIFICATION U REVIEWER DATE 4-5-91

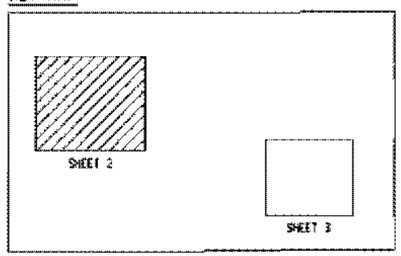
LAB JOB NO.

DRAWING NO. ENG-R 7125

REV. 2



KEY MAP



STRUCTURE LOCATION INDEX

TA-NUMBER	STRUCTURE DESIGNATION	STRUCTURE NOMENCLATURE	STRUCTURE LOCATOR SHEET NO	STRUCTURE LOCATOR MAP KEY
73-1	73-1	AIR TERMINAL FACILITY	2	G-3
73-2	73-2	STORAGE BUILDING	2	G-3
73-3	73-3	MORGAN SHED	2	G-3
73-4	73-4	AIRPORT FIRE STATION	2	G-3
73-5	73-5	EAST GAS METER STATION	2	G-4
73-9	73-9	BOOSTER STATION	3	G-4
73-10	73-10	WATER TANK	3	G-5
73-11	73-11	WATER TANK	3	B-4
73-12	73-12	SHED	3	A-4
73-13	73-13	SHED	3	C-4
73-14	73-14	SHED	3	C-4
73-15	73-15	WEATHER STATION	3	C-4
73-18	73-18	FIRE STATION #2	2	A-4
73-20	73-20	DRILL TOWER	2	A-4

N

SCALE 1:2160

180 0 180 360

FEET

NO	DATE	CLASS REV	DESCRIPTION	DRN	VGA	CHKD	SAB	APVD
2	03-08-96		REVISED TO STATUS OF 03-05-96	JAC	JAC	JRM	JAF	FCT
1	05-31-95		REVISED TO STATUS OF 05-17-95	JAC	JAC	JRM	JAF	FCT

JOHNSON CONTROLS

AS-BUILT STRUCTURE LOCATION MAPS

TA-73

AIRPORT SITE

DRAWN

VERIFIED

CHECKED

DATE 04-20-96

SUBMITTED JOHN KUNTZ

APPROVED FOR RELEASE

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET 2 OF 3

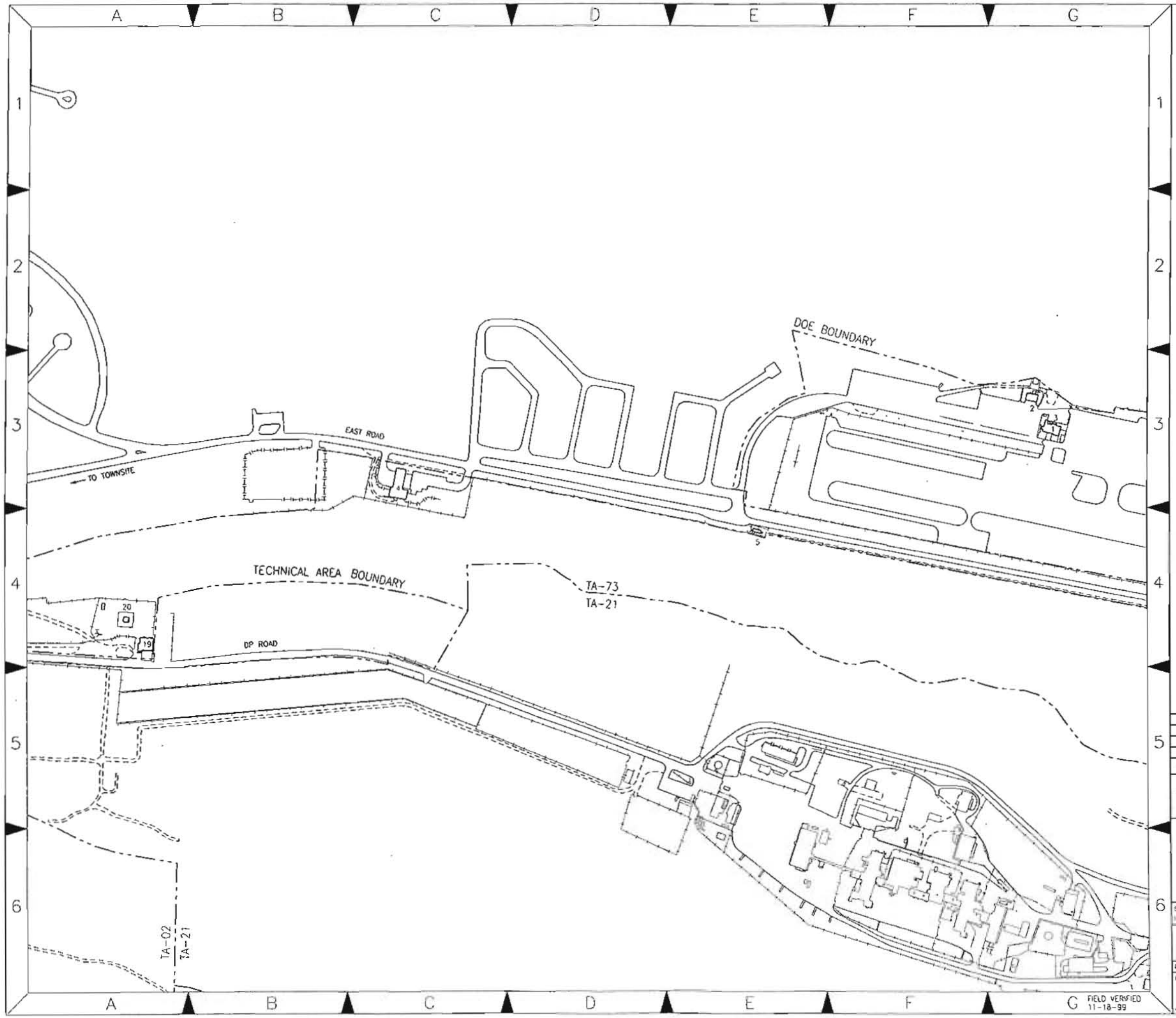
CLASSIFICATION U REVIEWER A. SALAZAR DATE 4-26-96

PROJECT ID 11952

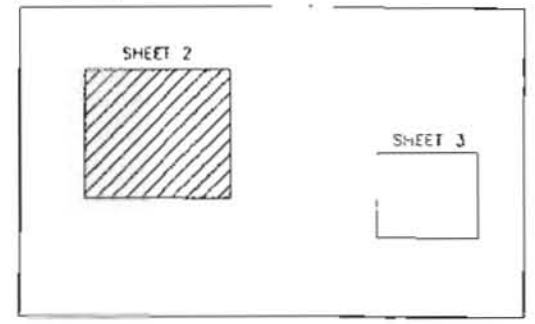
DRAWING NO A854

REV 2

JCI NO 95-020



KEY MAP



STRUCTURE LOCATION INDEX

TA-#	STRUCTURE DESIGNATION	STRUCTURE NOMENCLATURE	STRUCTURE LOCATOR SHEET NO.	STRUCTURE LOCATOR MAP KEY
73-1	73-1	AIR TERMINAL FACILITY	2	G-3
73-2	73-2	STORAGE BUILDING	2	G-3
73-3	73-3	MORGAN SHED	2	G-3
73-4	73-4	AIRPORT FIRE STATION	2	C-3
73-5	73-5	EAST GAS METER STATION	2	E-4
73-9	73-9	BOOSTER STATION	3	G-4
73-10	73-10	WATER TANK	3	C-5
73-11	73-11	WATER TANK	3	B-4
73-12	73-12	SHED	3	A-4
73-13	73-13	SHED	3	C-4
73-14	73-14	SHED	3	F-4
73-15	73-15	WEATHER STATION	3	C-4
73-19	73-19	FIRE STATION #2	2	A-4
73-20	73-20	DRILL TOWER	2	A-4

SCALE: 1:2100 IN

150 0 150 300

FEET

N

NO	DATE	CLASS REV	DESCRIPTION	DWN	VER	CHKD	SUB	APP
4	11-18-99		REVISED TO STATUS OF 11-18-99	MMM	SAD	GES	HMS	LAB
3	03-04-99		REVISED TO STATUS OF 03-04-99	JAC	JAC	HMS	JAF	LAB
2	03-08-96		REVISED TO STATUS OF 03-08-96	JAC	JAC	HMS	JAF	FCT
1	05-31-95		REVISED TO STATUS OF 05-31-95	JAC	JAC	HMS	JAF	FCT

Johnson Controls
Northern New Mexico

AS-BUILT STRUCTURE LOCATION MAPS

TA-73

AIRPORT SITE

DRAWN	J. CATA
VERIFIED	J. CATA
CHECKED	H. SALAZAR
DATE	04-26-96

SUBMITTED HAROLD SALAZAR

APPROVED FOR RELEASE FRED THOMPSON

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET 2 OF 3

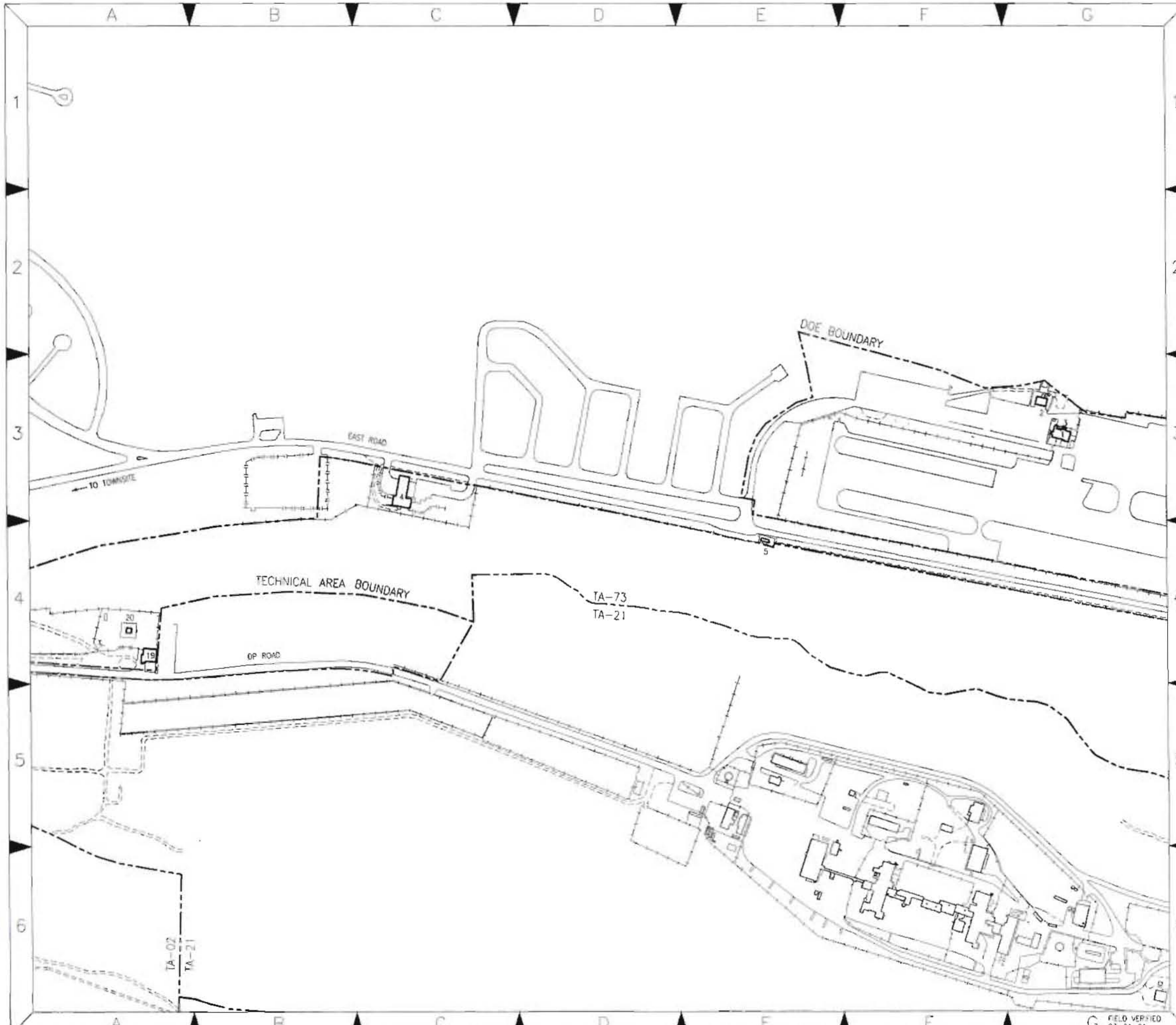
CLASSIFICATION U REVIEWER H. SALAZAR DATE 12-6-99

PROJECT ID 11952

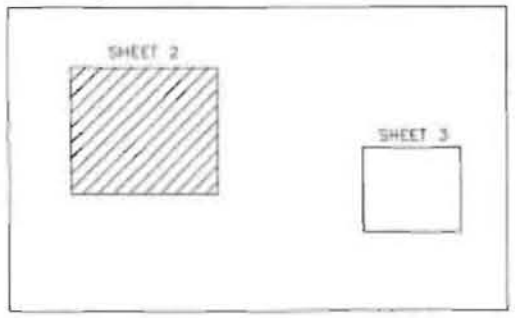
JO NO 91-020

DRAWING NO AB54

REV 4



KEY MAP



STRUCTURE LOCATION INDEX

STRUCTURE TA-#	STRUCTURE DESIGNATION	STRUCTURE NOMENCLATURE	STRUCTURE LOCATOR SHEET NO.	STRUCTURE LOCATOR MAP KEY
73-1	73-1	AIRPORT TERMINAL FACILITY	2	G-3
73-2	73-2	STORAGE BUILDING	2	G-3
73-3	73-3	MORGAN SHED	2	G-3
73-4	73-4	AIRPORT FIRE STATION	2	C-3
73-5	73-5	EAST GAS METER STATION	2	E-4
73-9	73-9	BOOSTER STATION	3	G-4
73-10	73-10	WATER TANK	3	G-5
73-11	73-11	WATER TANK	3	B-4
73-12	73-12	SHED	3	A-4
73-13	73-13	SHED	3	C-4
73-14	73-14	SHED	3	F-4
73-15	73-15	WEATHER STATION	3	C-4
73-19	73-19	FIRE STATION #2	2	A-4
73-20	73-20	DRILL TOWER	2	A-4

SCALE 1:2160 IN
180 0 180 360
FEET

N

NO	DATE	CLASS REV	DESCRIPTION	DWN	VER	CHKD	SUB	APP
5	05-21-01		REVISED TO STATUS OF 03-21-01	HPR		DES	HMS	LAB
4	11-18-99		REVISED TO STATUS OF 11-18-99	MWM	SAD	DES	HMS	LAB
3	03-04-99		REVISED TO STATUS OF 03-04-99	JAC	JAC	HMS	JAF	LAB
2	03-06-96		REVISED TO STATUS OF 03-06-96	JAC	JAC	HMS	JAF	FCT

Johnson Controls
Northern New Mexico

AS-BUILT STRUCTURE LOCATION MAPS

TA-73

AIRPORT SITE

DRAWN	J. DATA
VERIFIED	J. DATA
CHECKED	H. SALAZAR
DATE	04-25-96

SUBMITTED: HAROLD SALAZAR
APPROVED FOR RELEASE: LARRY SAYS

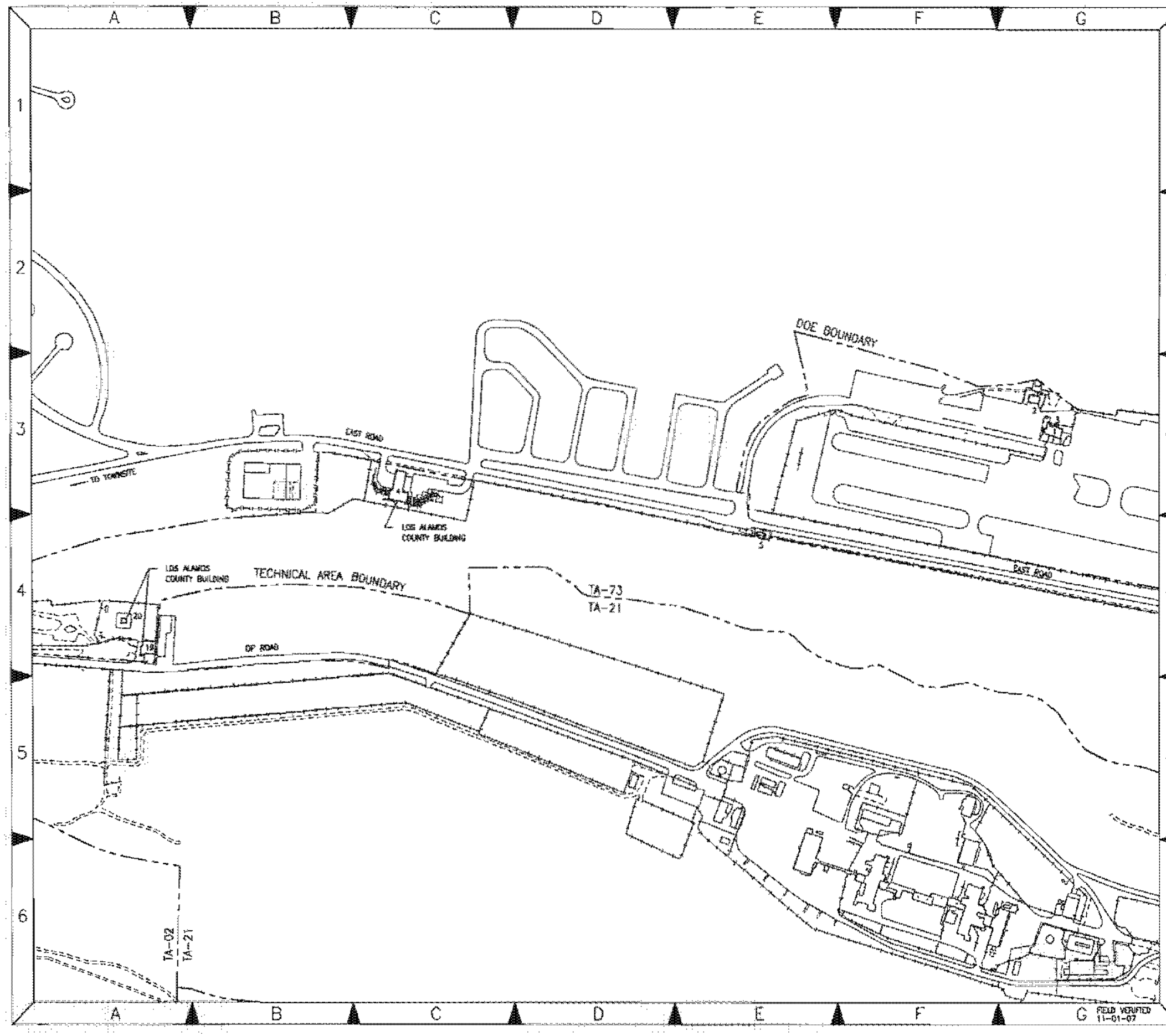
Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET 2 OF 3

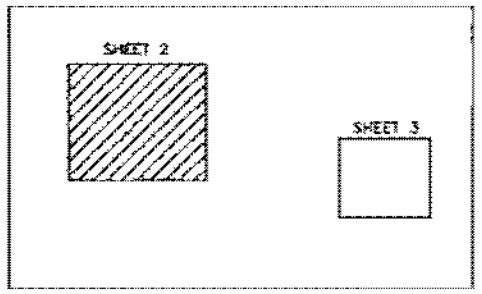
CLASSIFICATION: U REVIEWER: H. SALAZAR DATE: 5-10-01

PROJECT ID: 11952
DRAWING NO: AB54
REV: 5

JCI NO: 91-020



KEY MAP



STRUCTURE LOCATION INDEX

STRUCTURE TA-#	STRUCTURE DESIGNATION	STRUCTURE NOMENCLATURE	STRUCTURE LOCATOR SHEET NO.	STRUCTURE LOCATOR MAP KEY
73-1	73-1	AIRPORT TERMINAL FACILITY	2	d-5
73-2	73-2	STORAGE BUILDING	2	d-6
73-3	73-3	MORGAN SHED	2	c-3
73-4	73-4	L.A.C. FIRE STATION # 5	2	c-3
73-5	73-5	EAST GAS METER STATION	2	c-4
73-9	73-9	BOOSTER STATION	3	c-4
73-10	73-10	WATER TANK	3	c-5
73-11	73-11	WATER TANK	3	d-4
73-12	73-12	MORGAN SHED	3	d-4
73-13	73-13	MORGAN SHED	3	c-4
73-14	73-14	MORGAN SHED	3	c-4
73-15	73-15	EAST GATE (FRONT) GUARD TOWER	3	c-4
73-19	73-19	L.A.C. FIRE STATION #2	2	d-4
73-20	73-20	L.A.C. DRILL TOWER	2	d-6

SCALE: 1:2160 IN

180 0 180 360 FEET

N

NO	DATE	CLASS REV	DESCRIPTION	DRWN	VCP	CHKD	SUB	APP
6	11-01-07		ADDED TO CHANGE L.A.C. BLDG. LABELS	VCP	HPR	SAS	HMS	LAS
5	03-21-01		REVISED TO STATUS OF 03-21-01	HPR	SAS	EES	HMS	LAS
4	11-15-99		REVISED TO STATUS OF 11-15-99	BNG	SAS	CES	HMS	LAS
3	03-04-99		REVISED TO STATUS OF 03-04-99	JAC	JAC	HMS	JAF	LAS

UTILITIES AND INFRASTRUCTURE

AS-BUILT STRUCTURE LOCATION MAPS

AIRPORT SITE

TA-73

DRAWN	J. GAYA
DESIGN	J. GAYA
CHECKED	H. SALAZAR
DATE	04-28-98

SUBMITTED: HAROLD SALAZAR

APPROVED FOR RELEASE BY: LARRY GEIS

Los Alamos NATIONAL LABORATORY PO Box 1663 Los Alamos, New Mexico 87545

SHEET 2 of 3

CLASSIFICATION: U | REVIEWER: H. SALAZAR | DATE:

PROJECT ID: 11952 | DRAWING NO: A854 | REV: 6

Appendix C – Oral History and Memoir Information

Archives staff:

Barrone, Cecilia

2007 "Women's History Month: Cecilia Barrone Reflects About Working at LANL," Labnet video of recollections by former longtime Mail and Records Section/LANL Archives worker, March 22, 2007.

Carr, Alan

2009 Notes from informal interview with Alan Carr, LANL Archives Staff, conducted by Judy Machen, IRM-CAS, on assignment to ENV-EAQ, on 26 February 2009 at TA-3 (NSSB). Subject: Archives and Records Center history, on file at ENV-EAQ, Los Alamos National Laboratory, Los Alamos, New Mexico.

Garcia, Frank

2009 Notes from informal interview with Frank Garcia, LANL Records Center Staff, conducted by Judy Machen, IRM-CAS, on assignment to ENV-EAQ, on February 26, 2009 at TA-3 (NSSB). Subject: Archives and Records Center history, on file at ENV-EAQ, Los Alamos National Laboratory, Los Alamos, New Mexico.

Meade, Roger

2009 Notes from informal interview with Roger Meade, LANL Archives Staff, conducted by Judy Machen, IRM-CAS, on assignment to ENV-EAQ, on February 26, 2009 at TA-3 (NSSB). Subject: Archives and Records Center history, on file at ENV-EAQ, Los Alamos National Laboratory, Los Alamos, New Mexico.

Roybal, Johnny

2009 Notes from informal interview with Johnny Roybal, LANL Records Center Staff, conducted by Judy Machen, IRM-CAS, on assignment to ENV-EAQ, on February 26, 2009 at TA-3 (NSSB). Subject: Archives and Records Center history, on file at ENV-EAQ, Los Alamos National Laboratory, Los Alamos, New Mexico.

Military and Security personnel:

Bell, Iris

1993 *Los Alamos WAACs/WACs: World War II, 1943-1946*. Coastal Printing Incorporated, Sarasota, Florida.

Menzel, Joseph L.

2009 Interview with Joseph L. Menzel, former AEC employee, conducted by Colin Pedicini and Kate Preteska, LANL Bradbury Science Museum, and Judy Machen, IRM-CAS, on assignment to ENV-EAQ, on July 7, 2009. On file at ENV-EAQ, Los Alamos National Laboratory, Los Alamos, New Mexico.

DesGeorges, Joseph

2006 Interview with Joseph DesGeorges, former Pro Force employee (AEC and LANL security companies), conducted by John Ronquillo, Sigma Science, Inc., and Ellen McGehee, ENV-EAQ, on August 18, 2006. On file at ENV-EAQ, Los Alamos National Laboratory, Los Alamos, New Mexico.

Sauer, Burt

1990 Letter from Burt Sauer to Becky [no last name], December 4, 1990, archives collection of the Los Alamos Historical Society, Los Alamos, New Mexico, file EL 35A1.

Department of Energy

Rush, Tom

2001 Notes regarding the LAAO Building and Steam Plant dated June 14, 2001. On file at ENV-EAQ, Los Alamos National Laboratory, Los Alamos, New Mexico.

Other Resources

Video (without audio) of the interior of building TA-21-1001, by John Bass, IRM-RMMSO, showing the LANL Archives in 1994 and the LANL Film Archives in 1998 (unclassified), video available at LANL.

Appendix D – List of Drawings on File at LANL for Buildings TA-21-1001, TA-21-1002, TA-43-39, TA-43-41, and TA-73-2

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sx	Aedwg	Doc Date	Log Date
21	1001	C	24132	1	2		3835	C	PERMANENT WAREHOUSES ULR-130, CIVIL, PLOT PLAN & UTILITIES, PIPE TRENCH TYPE A & B		1	D	P.E. 434	04-JUN-47	14-DEC-59
21	1001	C	24133	1	0			A	WAREHOUSE, 180, 7TH STREET, ARCH; FLOOR PLAN		1	D		24-JUL-59	18-AUG-99
21	1001	C	24135	1	2		3835	A	PERMANENT WAREHOUSE, ARCH; ELEVATIONS & DETAILS, DOOR & WINDOW SCHEDULE		1	D	P.E. 434	09-AUG-46	14-DEC-59
21	1001	C	24136	1	1		3835	S	PERMANENT WAREHOUSE, STRUCT; FOUNDATIONS - BLDG. #2 & SECTIONS		1	D	P.E. 434	14-DEC-59	14-DEC-59
21	1001	C	24137	1	1		3835	S	PERMANENT WAREHOUSES, STRUCT; FOUNDATION PLAN, BLDG. #1, STAIR DETAIL, COLUMN DETAILS, SECTIONS		1	D	P.E. 434	30-APR-46	18-AUG-99
21	1001	C	24138	1	2		3835	A	PERMANENT WAREHOUSES, ARCH, ROOF FRAMING PLAN & DETAILS		1	D	P.E. 434	25-JUN-46	14-DEC-59
21	1001	C	24139	1	0		3835	M	PERMANENT WAREHOUSE, MECHANICAL PLAN		1	D	P.E. 434	14-DEC-59	14-DEC-59
21	1001	C	24140	1	9		3835	M	PERMANENT WAREHOUSES NO. 1, 2 AND 3, MECH; HEATING & PLUMBING, PLOT PLAN, SEPTIC TANK LOCATION		1	D	P.E. 434	09-DEC-46	14-DEC-59
21	1001	C	24141	1	2		3835	E	PERMANENT WAREHOUSE, ELEC; WIRING PLAN & DETAILS, POWER & LIGHTING PLAN, RISER DIAGRAM		1	D	P.E. 434	25-SEP-56	14-DEC-59
21	1001	C	36300	1	0		3835	C	RECORDS SERVICE CENTER VAULT, ULR-130; PLOT & UTILITY PLAN, BLDG. 180, WAREHOUSE 1,2 AND 3		4	D	SFA-IT-1	08-SEP-50	19-FEB-68
21	1001	C	36301	2	1		3835	A	RECORDS SERVICE CENTER VAULT, PLANS - SECTIONS & VAULT DOOR, BLDG. 180, FOUNDATION PLAN		4	D	SFA-IT-2	21-DEC-50	19-FEB-68
21	1001	C	36302	3	0		3835	S	RECORDS SERVICE CENTER VAULT, ELEVATIONS & STRUCTURAL DETAILS, BLDG. 180, DIAGRAMATIC SECTION		4	D	SFA-IT-3	08-SEP-50	19-FEB-68
21	1001	C	36303	4	4		3835	E	RECORDS SERVICE CENTER VAULT, HEATING & ELECTRICAL PLAN, BLDG. 180, POWER AND LIGHTING PLAN OF VAULT, VAULT FLOOR PLAN		4	D	SFA-IT-4	11-SEP-63	19-FEB-68
21	1001	C	36304	1	2		3835	A	PERMANENT WAREHOUSES, ROOF FRAMING PLAN & DETAILS, BLDG. 180		1	D	P.E. 434	25-JUN-46	19-FEB-68
21	1001	C	36305	1	3		3835	E	PERMANENT WAREHOUSES, ELECTRICAL DISTRIBUTION PLAN & DETAILS, BLDG. 180, TRANSFORMER STATION		1	D	P.E. 434	19-SEP-46	19-FEB-68
21	1001	C	36306	1	0		3835	A	WAREHOUSE, 7TH STREET, LOADING PLATFORM, BLDG. 180		1	D		24-JUL-59	19-FEB-68
21	1001	C	36307	1	0		3835	A	WAREHOUSE 180, 7TH STREET, FLOOR PLAN, ELEVATION, SECTION & DETAIL		1	D	Z-226	17-FEB-48	19-FEB-68
21	1001	C	36308	1	0		3835	E	AEC DEPOSITORY 180 7TH STREET, ALTERATIONS & ADDITIONS, PLANS, SECTIONS & DETAILS, ARCH. FLOOR PLAN, ELECTRICAL,GENERAL NOTES		1	D	Z-440	26-APR-49	19-FEB-68
21	1001	C	36309	1	0		3835	A	ALTERATIONS TO PERMANENT WAREHOUSE FOR A.E.C SUPPLY DIVISION, 180 7TH STREET, PLOT PLAN, TOILET ROOM DETAILS		1	D	Z-786	04-DEC-51	19-FEB-68
21	1001	C	36310	1	0		3835	P	A.E.C RECORDS, A.D.T. ALARM, 180, 7TH STREET, FLOOR PLAN		1	A		19-FEB-68	19-FEB-68
21	1001	C	36311	1	0		3835	C	ACQUISITION OF RECORDS VAULT, ULR-130, SOUTHEAST PORTION OF TRACT WA EASTERN AREA, RETAINED PROPERTY		1	D	Z-4137	19-FEB-68	19-FEB-68
21	1001	C	36780	1	0		3885	E	RECORD STORAGE CENTER MODIFICATIONS, ULR-130, PHASE "B", ELEC; PARTIAL FLOOR PLAN, DETAIL, BILL OF MATERIAL, NAMEPLATE SCHEDULE		1	B		27-JUN-68	01-JUL-68

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Aedwg	Doc Date	Log Date
21	1001	C	36791	1	0		3885	E	RECORD STORAGE CENTER MODIFICATIONS, ULR-130, PHASE "A", CIVIL, ARCH; FLOOR PLAN, DOOR DETAILS		1	D		19-APR-68	22-APR-68
21	1001	C	36791	1	0		3885	A	RECORD STORAGE CENTER MODIFICATIONS, ULR-130, PHASE "A", CIVIL, ARCH; FLOOR PLAN, DOOR DETAILS		1	D		19-APR-68	22-APR-68
21	1001	C	36791	1	0		3885	C	RECORD STORAGE CENTER MODIFICATIONS, ULR-130, PHASE "A", CIVIL, ARCH; FLOOR PLAN, DOOR DETAILS		1	D		19-APR-68	22-APR-68
21	1001	C	37022	1	0		3885	F	RECORD STORAGE CENTER MODIFICATIONS, ULR-130, FP; SPRINKLER SYSTEM PLAN VIEW & EQUIPMENT LIST, NOTES		2	D		12-OCT-68	12-NOV-68
21	1001	C	37023	2	0		3885	F	RECORD STORAGE CENTER MODIFICATIONS, ULR-130, FP, SPRINKLER SYSTEM ELEVATIONS & DETAILS		2	D		12-OCT-68	12-NOV-68
21	1001	C	37453	1	0		4095	M	HEATING MODIFICATIONS, MECH, PARTIAL FLOOR PLAN & NOTES		3	D		22-MAY-69	29-MAY-69
21	1001	C	37454	2	0		4095	M	HEATING MODIFICATIONS, MECH; UNIT HEATER & GAS PIPING SCHEMATIC, VENT DETAILS & BILL OF MATERIAL		3	D		22-MAY-69	29-MAY-69
21	1001	C	37455	3	0		4095	E	HEATING MODIFICATIONS, ELEC; PARTIAL FLOOR PLAN, BILL OF MATERIAL, NAMEPLATE SCHEDULE & NOTES		3	D		22-MAY-69	29-MAY-69
21	1001	C	41362	1	0		4989	A	IDS FOR M & R STORAGE, ARCH; PARTIAL PLAN, SECTION, ELEVATION & NOTES		2	D		20-FEB-73	06-MAR-73
21	1001	C	41363	2	0		4989	A	IDS FOR M & R STORAGE, ARCH; ELEVATION, SECTION & DETAILS		2	D		20-FEB-73	06-MAR-73
21	1001	C	42328	1	1		5137	C	OFFICE SPACE AT RECORDS CENTER, BLDG. ULR-130 CIVIL MECHANICAL & ELECTRICAL; PL		2	C			21-FEB-74
21	1001	C	42329	2	1		5137	C	CIVIL MECHANICAL & ELECTRICAL; BILL OF MATERIAL & NOTES		2	C			21-FEB-74
21	1001	C	42997	1	0		5574	A	MODIFICATIONS FOR OFFICE SPACE, ARCH; PARTIAL FLOOR PLAN, SUSPENDED ACOUSTICAL CEILING, DETAILS & SECTIONSI		5	D		23-AUG-76	23-AUG-76
21	1001	C	42997	2	0		5574	M	MODIFICATIONS FOR OFFICE SPACE, MECH; HEATING & VENTILATING PARTIAL FLOOR PLAN & SECTIONS		5	D		23-AUG-76	23-AUG-76
21	1001	C	42997	2	0		5574	AC	MODIFICATIONS FOR OFFICE SPACE, MECH; HEATING & VENTILATING PARTIAL FLOOR PLAN & SECTIONS		5	D		23-AUG-76	23-AUG-76
21	1001	C	42997	3	0		5574	P	MODIFICATIONS FOR OFFICE SPACE, MECH, FIRE PROTECTION PARTIAL FLOOR PLAN		5	D		23-AUG-76	23-AUG-76
21	1001	C	42997	4	0		5574	M	MODIFICATIONS FOR OFFICE SPACE, MECH, NOTES & EQUIPMENT LIST		5	D		23-AUG-76	23-AUG-76
21	1001	C	42997	5	0		5574	E	MODIFICATIONS FOR OFFICE SPACE, ELEC; PLOT PLAN, NOTES & BILL OF MATERIAL		5	D		23-AUG-76	23-AUG-76
21	1001	C	42997	5	0		5574	C	MODIFICATIONS FOR OFFICE SPACE, ELEC; PLOT PLAN, NOTES & BILL OF MATERIAL		5	D		23-AUG-76	23-AUG-76
21	1001	C	44006	1	1		6767	T	BUILDING MODIFICATIONS, TITLE SHEET, INDEX TO DRAWINGS & LOCATION PLAN		15	D		06-MAY-85	31-MAR-82
21	1001	C	44006	2	1		6767	G	BUILDING MODIFICATIONS, GEN; SUBMITTALS		15	D		06-MAY-85	31-MAR-82
21	1001	C	44006	3	1		6767	C	BUILDING MODIFICATIONS, ARCH, GENERAL NOTES		15	D		06-MAY-85	31-MAR-82
21	1001	C	44006	4	1		6767	C	BUILDING MODIFICATIONS, ARCH, GENERAL NOTES		15	D		06-MAY-85	31-MAR-82
21	1001	C	44006	5	1		6767	A	BUILDING MODIFICATIONS, ARCH; FLOOR PLAN, REFLECTED CEILING PLAN, DETAILS & LEGEND		15	D		06-MAY-85	31-MAR-82
21	1001	C	44006	6	1		6767	A	BUILDING MODIFICATIONS, ARCH; ELEVATIONS, SECURITY SCREEN DETAIL, SECTIONS & MISCELLANEOUS DETAILS		15	D		06-MAY-85	31-MAR-82

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Aedwg	Doc Date	Log Date
21	1001	C	44006	7	1		6767	A	BUILDING MODIFICATIONS, ARCH; DOOR & WINDOW DETAILS & DOOR SCHEDULE		15	D		06-MAY-85	31-MAR-82
21	1001	C	44006	8	1		6767	M	BUILDING MODIFICATIONS, MECH; HEATING & VENTILATING FLOOR PLAN, SECTION & LEGEND		15	D		06-MAY-85	31-MAR-82
21	1001	C	44006	9	1		6767	M	BUILDING MODIFICATIONS; MECH; PIPING FLOOR PLAN & DETAIL		15	D		06-MAY-85	31-MAR-82
21	1001	C	44006	10	1		6767	M	BUILDING MODIFICATIONS, MECH; NOTES		15	D		06-MAY-85	31-MAR-82
21	1001	C	44006	11	1		6767	M	BUILDING MODIFICATIONS, MECH, EQUIPMENT LIST		15	D		06-MAY-85	31-MAR-82
21	1001	C	44006	12	1		6767	E	BUILDING MODIFICATIONS, ELEC, REMOVAL PLAN & LEGEND		15	D		06-MAY-85	31-MAR-82
21	1001	C	44006	13	1		6767	E	BUILDING MODIFICATIONS, ELEC, POWER PLAN, LEGEND & ONE LINE DIAGRAM		15	D		06-MAY-85	31-MAR-82
21	1001	C	44006	14	1		6767	E	BUILDING MODIFICATIONS, ELEC; LIGHTING PLAN & SPECIAL SERVICES PLAN		15	D		06-MAY-85	31-MAR-82
21	1001	C	44006	15	1		6767	E	BUILDING MODIFICATIONS, ELEC, BILL OF MATERIAL, NAMEPLATE & PANEL SCHEDULES, NOTES		15	D		06-MAY-85	31-MAR-82
21	1001	C	45244	1	0		8913	E	ADDITIONAL ELECTRICAL POWER, ELEC; LOCATION PLAN, NOTES & SCOPE OF WORK, FORMERLY TA-0-130		5	D		06-MAR-87	19-MAY-87
21	1001	C	45244	2	0		8913	E	ADDITIONAL ELECTRICAL POWER, ELEC; POWER LAYOUT		5	D		06-MAR-87	19-MAY-87
21	1001	C	45244	3	0		8913	E	ADDITIONAL ELECTRICAL POWER, ELEC; ELEVATIONS		5	D		06-MAR-87	19-MAY-87
21	1001	C	45244	4	0		8913	E	ADDITIONAL ELECTRICAL POWER, ELEC; PANEL PP-A & PP-1 SCHEDULE & ONE LINE DIAGRAM		5	D		06-MAR-87	19-MAY-87
21	1001	C	45244	5	0		8913	E	ADDITIONAL ELECTRICAL POWER, ELEC; BILL OF MATERIAL & NAMEPLATE SCHEDULE		5	D		06-MAR-87	19-MAY-87
21	1001	C	48219	1	0			A	WAREHOUSE 120 7TH STREET, ARCH; FLOOR PLAN		1	D		24-JUL-59	05-OCT-95
21	1001	C	48220	1	0			S	NEW DOCK FOR WAREHOUSE #3 120-7TH STREET, STRUCT; PLAN OF DOCK, SECTIONS & DETAILS		1	B	Z-343	06-AUG-48	05-OCT-95
21	1001	C	48221	1	0			A	WAREHOUSE SPACE NO. 1-ROOM "A" 120 7TH STREET, ARCH; FLOOR PLAN		1	C		19-JAN-61	05-OCT-92
21	1001	C	48223	1	0			A	WAREHOUSE ROOMS A, B & C 120-6TH. STREET, ARCH; FLOOR PLAN - EAST END		1	D	Z-4520	25-AUG-72	05-OCT-92
21	1001	C	48226	1	1			A	WAREHOUSE ROOM B, 120 6TH STREET, ARCH; FLOOR PLAN		1	C	Z-1340	12-AUG-63	13-JAN-93
21	1001	C	48594	1	0			C	TECH AREA RE-ROOFING FY-75, CIVIL, TITLE SHEET, INDEX TO DRAWINGS & VICINITY MAP		9	D	LA-NS-1	24-JUN-74	30-NOV-92
21	1001	C	48594	2	0			C	TECH AREA RE-ROOFING FY-75, CIVIL, LOCATION PLAN		9	D	LA-NS-2	24-JUN-74	30-NOV-92
21	1001	C	48594	3	0			A	TECH AREA RE-ROOFING FY-75, ARCH; LOT-1, ROOF PLAN EXISTING FEATURES, SITE PLAN, SECTIONS, LEGEND		9	D	LA-NS-3	24-JUN-74	30-NOV-92
21	1001	C	48594	7	0			A	TECH AREA RE-ROOFING FY-75, ARCH; TYPICAL FLASHING DETAILS, LIGHTNING ROADS & PLUMBING VENTS & PENETRATIONS, CONDUIT CONE, PITCH DAM, ROOF DRAIN		9	D	LA-NS-7	24-JUN-74	30-NOV-92
21	1001	C	48594	8	0			A	TECH AREA RE-ROOFING FY-75, ARCH; TYPICAL FLASHING DETAILS, EXHAUST FAN, ROOF EDGE, EQUIPMENT BASE, TERMINAL POST & ANCHOR		9	D	LA-NS-8	24-JUN-74	30-NOV-92
21	1001	C	48594	9	0			A	TECH AREA RE-ROOFING FY-75, ARCH; TYPICAL FLASHING DETAILS, PLUMBING VENT, WALKWAY WOOD, ROOF STACK		9	D	LA-NS-9	24-JUN-74	30-NOV-92

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Asdwg	Doc Date	Log Date
21	1001	C	48768	76	0			F	AUTOMATIC SPRINKLER SYSTEM FY-64, FP; RECORD STORAGE, SITE & UTILITY PLAN		79	D	LA-GC-76	09-FEB-93	10-FEB-93
21	1001	C	48768	76	0			C	AUTOMATIC SPRINKLER SYSTEM FY-64, FP; RECORD STORAGE, SITE & UTILITY PLAN		79	D	LA-GC-76	09-FEB-93	10-FEB-93
21	1001	C	48768	77	0			F	AUTOMATIC SPRINKLER SYSTEM FY-64, FP; RECORD STORAGE, FLOOR AREA PLAN		79	D	LA-GC-77	09-FEB-93	10-FEB-93
21	1001	C	48768	77	0			A	AUTOMATIC SPRINKLER SYSTEM FY-64, FP; RECORD STORAGE, FLOOR AREA PLAN		79	D	LA-GC-77	09-FEB-93	10-FEB-93
21	1001	C	48768	78	0			F	AUTOMATIC SPRINKLER SYSTEM FY-64, FP; RECORD STORAGE, ELEVATIONS & FLOOR PLAN & SECTION		79	D	LA-GC-78	09-FEB-93	10-FEB-93
21	1001	C	48768	78	0			A	AUTOMATIC SPRINKLER SYSTEM FY-64, FP; RECORD STORAGE, ELEVATIONS & FLOOR PLAN & SECTION		79	D	LA-GC-78	09-FEB-93	10-FEB-93
21	1001	C	48768	79	0			F	AUTOMATIC SPRINKLER SYSTEM FY-64, FP; RECORD STORAGE, ALARM SYSTEM PLAN		79	D	LA-GC-79	09-FEB-93	10-FEB-93
21	1001	C	48768	79	0			E	AUTOMATIC SPRINKLER SYSTEM FY-64, FP; RECORD STORAGE, ALARM SYSTEM PLAN		79	D	LA-GC-79	09-FEB-93	10-FEB-93
21	1001	C	49568	1	0		15473	F	FIRE PROTECTION, ELEC; FLOOR PLAN, KEYED NOTES AND LEGEND		2	D		17-MAY-94	25-MAY-94
21	1001	C	49568	1	0		15473	E	FIRE PROTECTION, ELEC; FLOOR PLAN, KEYED NOTES AND LEGEND		2	D		17-MAY-94	25-MAY-94
21	1001	C	49568	2	0		15473	F	FIRE PROTECTION, ELEC; NOTES, FIRE ALARM RISER DIAGRAM AND BILL OF MATERIAL		2	D		17-APR-94	25-MAY-94
21	1001	C	49568	2	0		15473	E	FIRE PROTECTION, ELEC, NOTES, FIRE ALARM RISER DIAGRAM AND BILL OF MATERIAL		2	D		17-APR-94	25-MAY-94
21	1001	C	51629	1	1			F	LA RECORDS CENTER AND ARCHIVES, FIRE PROTECTION MAPS, BLDGS 1001,1002.		2	D	FM-LARC-00A	22-JUL-88	21-AUG-97
21	1001	C	51629	2	1			F	LA RECORDS CENTER AND ARCHIVES, FIRE PROTECTION MAPS, BLDGS 1001,1002.		2	D	FM-LARC-01	24-JAN-89	21-AUG-97
21	1001	C	53279	1	0		100140	T	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FIRE PROTECTION, TITLE SHEET & INDEX TO DRAWINGS	G-0001	12	D		21-JAN-05	17-JUN-05
21	1001	C	53279	1	1		100140	T	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FIRE PROTECTION, TITLE SHEET & INDEX TO DRAWINGS	G-0001	12	D		12-MAY-05	14-JUN-05
21	1001	C	53279	1	2		100140	T	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FIRE PROTECTION, TITLE SHEET & INDEX TO DRAWINGS	G-0001	12	D		02-JUN-05	17-JUN-05
21	1001	C	53279	2	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; SYMBOLS LEGEND & NOTES	F-0001	12	D		21-JAN-05	17-JUN-05
21	1001	C	53279	2	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; SYMBOLS LEGEND & NOTES	F-0001	12	D		12-MAY-05	14-JUN-05
21	1001	C	53279	3	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; FLOOR PLAN	F-1000	12	D		21-JAN-05	17-JUN-05
21	1001	C	53279	3	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; FLOOR PLAN	F-1000	12	D		12-MAY-05	14-JUN-05
21	1001	C	53279	4	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP, SECTION	F-3000	12	D		21-JAN-05	17-JUN-05
21	1001	C	53279	4	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; SECTION	F-3000	12	D		12-MAY-05	14-JUN-05

Drawings Report - Facilties

TA	Bldg	Fr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Aedwg	Doc Date	Log Date
21	1001	C	53279	5	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; DETAIL	F-5000	12	D		21-JAN-05	17-JUN-05
21	1001	C	53279	5	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP, DETAIL	F-5000	12	D		12-MAY-05	14-JUN-05
21	1001	C	53279	6	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; FUNCTIONAL MATRIX	F-6000	12	D		21-JAN-05	17-JUN-05
21	1001	C	53279	6	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP, FUNCTIONAL MATRIX	F-6000	12	D		12-MAY-05	14-JUN-05
21	1001	C	53279	7	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; WIRING DIAGRAM	F-6001	12	D		21-JAN-05	17-JUN-05
21	1001	C	53279	7	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; WIRING DIAGRAM	F-6001	12	D		12-MAY-05	14-JUN-05
21	1001	C	53279	7	2		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP, WIRING DIAGRAM	F-6001	12	D		02-JUN-05	17-JUN-05
21	1001	C	53279	8	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; WIRING DIAGRAM	F-6002	12	D		21-JAN-05	17-JUN-05
21	1001	C	53279	8	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; WIRING DIAGRAM	F-6002	12	D		12-MAY-05	14-JUN-05
21	1001	C	53279	8	2		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; WIRING DIAGRAM	F-6002	12	D		02-JUN-05	17-JUN-05
21	1001	C	53279	9	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; BILL OF MATERIALS	F-7000	12	D		21-JAN-05	17-JUN-05
21	1001	C	53279	9	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; BILL OF MATERIALS	F-7000	12	D		12-MAY-05	14-JUN-05
21	1001	C	53279	10	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; BATTERY & VOLTAGE DROP CALCULATIONS	F-8000	12	D		21-JAN-05	17-JUN-05
21	1001	C	53279	10	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; BATTERY & VOLTAGE DROP CALCULATIONS	F-8000	12	D		12-MAY-05	14-JUN-05
21	1001	C	53279	11	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; CONDUIT FILL CALCULATIONS	F-8001	12	D		21-JAN-05	17-JUN-05
21	1001	C	53279	11	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; CONDUIT FILL CALCULATIONS	F-8001	12	D		12-MAY-05	14-JUN-05
21	1001	C	53279	12	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, ELEC; SYMBOLS LEGEND & NOTES	E-0001	12	D		21-JAN-05	17-JUN-05
21	1001	C	53279	12	0		100140	E	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, ELEC; SYMBOLS LEGEND & NOTES	E-0001	12	D		21-JAN-05	17-JUN-05
21	1001	C	53279	12	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, ELEC, SYMBOLS LEGEND & NOTES	E-0001	12	D		12-MAY-05	14-JUN-05
21	1001	C	53279	12	1		100140	E	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, ELEC; SYMBOLS LEGEND & NOTES	E-0001	12	D		12-MAY-05	14-JUN-05
21	1001	R	3303	1	5			A	RECORDS VAULT, ARCH; FIRST FLOOR PLAN		1	D		12-MAR-84	30-MAR-84
21	1001	SK	8744	1	0			M	REPLACE FURNACE W/ NEW FURNACE & A/C, MECH; PARTIAL FLOOR PLANS, SECTIONS & LEGEND		3	D	JCI# 98-142	29-JUL-98	01-SEP-98
21	1001	SK	8744	2	0			E	REPLACE FURNACE W/ NEW FURNACE & A/C, ELEC; LEGEND, BILL OF MATERIAL, LP-4 PANEL SCHEDULE, NAMEPLATE SCHEDULES		3	D	JCI# 98-142	29-JUL-98	01-SEP-98
21	1001	SK	8744	3	0			E	REPLACE FURNACE W/ NEW FURNACE & A/C, ELEC; DEMOLITION & POWER FLOOR PLANS, WIRING DIAGRAM		3	D	JCI# 98-142	29-JUL-98	01-SEP-98

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Aedwg	Doc Date	Log Date
21	1002	C	24134	1	3		3835	A	PERMANENT WAREHOUSES, ARCH; FLOOR PLANS & SECTIONS, PIPE GUARD PLAN		1	D	P.E. 434	25-JUN-46	14-DEC-59
21	1002	C	41603	1	0		5066	T	HEATING REVISIONS, WAREHOUSE 120 6TH STREET, DP SITE, TITLE SHEET & INDEX TO DRAWINGS		5	D	LA-JJ-1	11-MAR-71	11-MAR-71
21	1002	C	41604	2	0		5066	M	HEATING REVISIONS, WAREHOUSE 120 6TH STREET, DP SITE, MECH; EXISTING STEAM UNIT HEATER PLANS		5	D	LA-JJ-2	11-MAR-71	11-MAR-71
21	1002	C	41605	3	0		5066	M	HEATING REVISIONS, WAREHOUSE 120 6TH STREET, DP SITE, MECH; NEW GAS FIRED UNIT HEATER PLANS & EQUIPMENT LIST, ELECTRICAL SCHEMATIC		5	D	LA-JJ-3	11-MAR-71	11-MAR-71
21	1002	C	41605	3	0		5066	E	HEATING REVISIONS, WAREHOUSE 120 6TH STREET, DP SITE, MECH; NEW GAS FIRED UNIT HEATER PLANS & EQUIPMENT LIST, ELECTRICAL SCHEMATIC		5	D	LA-JJ-3	11-MAR-71	11-MAR-71
21	1002	C	41606	4	0		5066	M	HEATING REVISIONS, WAREHOUSE 120 6TH STREET, DP SITE, MECH; UNIT HEATER SCHEMATIC GAS PIPING, VENT DETAIL		5	D	LA-JJ-4	11-MAR-71	11-MAR-74
21	1002	C	41607	5	0		5066	M	HEATING REVISIONS, WAREHOUSE 120 6TH STREET, DP SITE, MECH; ROOF PLAN, ELEVATION & VENT GUY DETAILS		5	D	LA-JJ-5	11-MAR-71	11-MAR-71
21	1002	C	41607	5	0		5066	AC	HEATING REVISIONS, WAREHOUSE 120 6TH STREET, DP SITE, MECH; ROOF PLAN, ELEVATION & VENT GUY DETAILS		5	D	LA-JJ-5	11-MAR-71	11-MAR-71
21	1002	C	45135	1	0		8635	S	WELDING SCHOOL EXHAUST SYSTEM, 120, 6TH STREET, STRUCT; MOUNTING PAD PLAN & SECTIONS		5	D	ZT-5221	24-JUL-86	15-SEP-86
21	1002	C	45135	2	0		8635	S	WELDING SCHOOL EXHAUST SYSTEM, STRUCT; NOTES		5	D	ZT-5221	24-JUL-86	15-SEP-86
21	1002	C	45135	3	0		8635	M	WELDING SCHOOL EXHAUST SYSTEM, MECH; MAKE UP AIR SYSTEM PLAN, SECTION, ELEVATION		5	D	ZT-5221	24-JUL-86	15-SEP-86
21	1002	C	45135	4	0		8635	M	WELDING SCHOOL EXHAUST SYSTEM, MECH, EQUIPMENT LIST & GENERAL NOTES		5	D	ZT-5221	25-JUL-86	15-SEP-86
21	1002	C	45135	5	0		8635	E	WELDING SCHOOL EXHAUST SYSTEM, ELEC; FLOOR PLAN, CONTROL CIRCUIT FOR FANS, EQUIPMENT LIST, NAMEPLATE SCHEDULE		5	D	ZT-5221	24-JUL-86	15-SEP-86
21	1002	C	45404	1	0		9290	T	RESTROOM DESIGN, 120, 6TH STREET, TITLE SHEET, INDEX TO DRAWINGS & LOCATION PLAN		7	D	ZT-5670	14-JAN-88	07-MAR-88
21	1002	C	45404	2	0		9290	A	RESTROOM DESIGN, ARCH; REMOVAL & NEW FLOOR PLANS, CEILING FRAMING PLAN, WINDOW & DOOR SCHEDULES AND DETAILS		7	D	ZT-5670	14-JAN-88	07-MAR-88
21	1002	C	45404	3	0		9290	A	RESTROOM DESIGN, ARCH; NOTES & SPECIFICATIONS		7	D	ZT-5670	14-JAN-88	07-MAR-88
21	1002	C	45404	4	0		9290	M	RESTROOM DESIGN, MECH; REMOVAL FLOOR PLAN & LEGEND		7	D	ZT-5670	14-JAN-88	07-MAR-88
21	1002	C	45404	5	0		9290	M	RESTROOM DESIGN, MECH; WATER, SANITARY SEWER PIPING & EXHAUST PLANS & WATER PIPING, WASTE & VENT PIPING ISOMETRICS, FIRE PROTECTION PLAN, LEGEND		7	D	ZT-5670	14-JAN-88	07-MAR-88
21	1002	C	45404	5	0		9290	F	RESTROOM DESIGN, MECH; WATER, SANITARY SEWER PIPING & EXHAUST PLANS & WATER PIPING, WASTE & VENT PIPING ISOMETRICS, FIRE PROTECTION PLAN, LEGEND		7	D	ZT-5670	14-JAN-88	07-MAR-88
21	1002	C	45404	6	0		9290	M	RESTROOM DESIGN, MECH; EQUIPMENT LIST & NOTES		7	D	ZT-5670	14-JAN-88	07-MAR-88

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Da	Title	DiscSht	Tot	Sz	Aadwg	Doc Date	Log Date
21	1002	C	45404	7	0		9290	E	RESTROOM DESIGN, ELEC; NEW & REMOVAL FLOOR PLANS, BILL OF MATERIALS, NOTES & NAMEPLATE SCHEDULE		7	D	ZI-5670	14-JAN-88	07-MAR-88
21	1002	C	45952	1	0		10858	S	REPLACE WOODEN MEZZANINE, STRUCT., REMOVAL PLAN & FIRE PROTECTION REMOVAL PLAN, LOCATION MAP & SCOPE OF WORK		2	D	PAN AM #90-055	12-JUL-90	25-JUL-90
21	1002	C	45952	2	0		10858	S	REPLACE WOODEN MEZZANINE, STRUCT., NEW LAYOUT PLAN, NOTES, ELEVATION AND DETAIL		2	D	PAN AM #90-055	12-JUL-90	25-JUL-90
21	1002	C	46370	1	0		12500	T	WELD SCHOOL ADDITION, TITLE SHEET		14	D	J.C.I. #92-082	05-JUN-92	20-JUL-92
21	1002	C	46370	2	0		12500	G	WELD SCHOOL ADDITION, SUBMITTALS, INSPECTION AND TEST PLANS		14	D	J.C.I. #92-082	05-JUN-92	20-JUL-92
21	1002	C	46370	3	0		12500	A	WELD SCHOOL ADDITION, ARCH; FLOOR PLAN & ELEVATIONS		14	D	J.C.I. #92-082	05-JUN-92	20-JUL-92
21	1002	C	46370	4	0		12500	S	WELD SCHOOL ADDITION, STRUCT; SECTIONS, ELEVATION, DETAILS & SCHEDULE		14	D	J.C.I. #92-082	05-JUN-92	20-JUL-92
21	1002	C	46370	5	0		12500	A	WELD SCHOOL ADDITION, ARCH; GENERAL NOTES		14	D	J.C.I. #92-082	05-JUN-92	20-JUL-92
21	1002	C	46370	6	0		12500	S	WELD SCHOOL ADDITION, STRUCT; FOUNDATION & ROOF FRAMING PLAN		14	D	J.C.I. #92-082	05-JUN-92	20-JUL-92
21	1002	C	46370	7	0		12500	S	WELD SCHOOL ADDITION, STRUCT; SECTIONS & ELEVATION		14	D	J.C.I. #92-082	05-JUN-92	20-JUL-92
21	1002	C	46370	8	0		12500	S	WELD SCHOOL ADDITION, STRUCT; SECTIONS, DETAILS & GENERAL NOTES		14	D	J.C.I. #92-082	05-JUN-92	20-JUL-92
21	1002	C	46370	9	0		12500	M	WELD SCHOOL ADDITION, MECH; GENERAL NOTES		14	D	J.C.I. #92-082	05-JUN-92	20-JUL-92
21	1002	C	46370	10	0		12500	M	WELD SCHOOL ADDITION, MECH; PARTIAL FLOOR PLAN, SECTOPM & LEGEND		14	D	J.C.I. #92-082	05-JUN-92	20-JUL-92
21	1002	C	46370	11	0		12500	M	WELD SCHOOL ADDITION, MECH; SECTION & DETAILS		14	D	J.C.I. #92-082	05-JUN-92	20-JUL-92
21	1002	C	46370	12	0		12500	M	WELD SCHOOL ADDITION, MECH; EQUIPMENT LIST & DETAILS		14	D	J.C.I. #92-082	05-JUN-92	20-JUL-92
21	1002	C	46370	13	0		12500	E	WELD SCHOOL ADDITION, ELEC; PLAN AND KEYED NOTES		14	D	J.C.I. #92-082	05-JUN-92	20-JUL-92
21	1002	C	46370	14	0		12500	E	WELD SCHOOL ADDITION, ELEC; GENERAL NOTES AND BILL OF MATERIAL		14	D	J.C.I. #92-082	05-JUN-92	20-JUL-92
21	1002	C	48222	1	1			A	WAREHOUSE SPACE-ROOM "C" 120 6TH. STREET, ARCH; FLOOR PLAN		1	C	Z-2227	12-SEP-61	05-OCT-92
21	1002	C	48224	1	2			A	WAREHOUSE SPACE ROOM "E" 120 6TH STREET, ARCH; FLOOR PLAN		1	D	Z-2281	13-MAY-68	02-OCT-61
21	1002	C	48225	1	0			A	TRANSFER & STORAGE CO., ROOM A, 120 7TH STREET, ARCH; FLOOR PLAN		1	C	Z-1507	10-SEP-57	13-JAN-93
21	1002	C	48227	1	0			A	WAREHOUSE SPACE-ROOM F, 120 6TH STREET, ARCH; FLOOR PLAN		1	C	Z-1921	03-MAY-60	13-JAN-93
21	1002	C	49679	1	1		16352	E	WELDING SCHOOL, ELEC; NOTES, ONE-LINE DIAGRAM, SITE PLAN AND SCOPE OF WORK		2	D	J.C.I. #95-037	02-MAR-95	06-APR-95
21	1002	C	49679	2	1		16352	E	WELDING SCHOOL, ELEC, PLAN VIEW, B.O.M., ELEVATION, SECTION & NAMEPLATE SCHEDULE		2	D	J.C.I. #95-037	02-MAR-95	06-APR-95
21	1002	C	51629	1	1			F	LA RECORDS CENTER AND ARCHIVES, FIRE PROTECTION MAPS, BLDGS 1001,1002.		2	D	FM-LARC-00A	22-JUL-88	21-AUG-97
21	1002	C	51629	2	1			F	LA RECORDS CENTER AND ARCHIVES, FIRE PROTECTION MAPS, BLDGS 1001,1002.		2	D	FM-LARC-01	24-JAN-89	21-AUG-97
21	1002	R	5380	1	1			A	WAREHOUSE 120 7TH ST., ARCH; FLOOR PLAN		1	D		20-AUG-85	17-MAY-89

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Asdwg	Doc Date	Log Date
21	1002	SK	9329	1	0			S	FABRICATE & INSTALL AWNING, STRUCT, KEY PLAN, PARTIAL PLAN & NOTES		2	D	ECN21TA050001	26-APR-05	04-MAY-05
21	1002	SK	9329	2	0			S	FABRICATE & INSTALL AWNING, STRUCT; DETAIL, ELEVATIONS & SECTION		2	D	ECN21TA050001	26-APR-05	04-MAY-05

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Asdwg	Doc Date	Log Date
43	39	AB	237	1	0		7556	A	AS-BUILT RECORD FLOOR PLAN AEC/LAAO HEADQUARTERS BLDG, BASEMENT FLOOR PLAN		4	D	JCI# 91-011	09-FEB-95	12-DEC-96
43	39	AB	237	2	0		7556	A	AS-BUILT RECORD FLOOR PLAN AEC/LAAO HEADQUARTERS BLDG, FIRST FLOOR PLAN		4	D	JCI# 91-011	09-FEB-95	12-DEC-96
43	39	AB	237	3	0		7556	A	AS-BUILT RECORD FLOOR PLAN AEC/LAAO HEADQUARTERS BLDG, SECOND FLOOR PLAN		4	D	JCI# 91-011	09-FEB-95	12-DEC-96
43	39	AB	237	4	0		7556	A	AS-BUILT RECORD FLOOR PLAN AEC/LAAO HEADQUARTERS BLDG, THIRD FLOOR PLAN		4	D	JCI# 91-011	09-FEB-95	12-DEC-96
43	39	C	41716	1	0		5906	E	INSTALL. OF UNINTERRUPTIBLE POWER SYSTEM BLDG. 469 D.O.E.		3			12-MAY-78	19-NOV-81
43	39	C	41716	2	0		5906	E	INSTALL. OF UNINTERRUPTIBLE POWER SYSTEM BLDG. 469 D O.E.		3			12-MAY-78	19-NOV-81
43	39	C	41716	3	0		5906	E	INSTALL. OF UNINTERRUPTIBLE POWER SYSTEM BLDG. 469 D.O.E.		3			12-MAY-78	19-NOV-81
43	39	C	42459	1	1		4669	A	INTERIM RELOCATION OF FIRE ALARM HEADQUARTERS, ARCH; PARTIAL FLOOR PLAN, DOOR SCHEDULE, ELEVATION,NOTES		4	D		28-JUL-75	06-JUN-01
43	39	C	42460	2	1		4669	M	INTERIM RELOCATION OF FIRE ALARM HEADQUARTERS, MECH; PARTIAL FLOOR PLAN, EQUIPMENT LIST & NOTES LAAO BLDG.		4	D		28-JUL-75	06-JUN-01
43	39	C	42461	3	1		4669	E	INTERIM RELOCATION OF FIRE ALARM HEADQUARTERS, ELEC; ONE LINE DIAGRAM, NOTES, BILL OF MATERIAL		4	D		28-JUL-75	06-JUN-01
43	39	C	42462	4	1		4669	E	INTERIM RELOCATION OF FIRE ALARM HEADQUARTERS, ELEC; PARTIAL POWER & LIGHTING FLOOR PLAN, FEEDER IN CRAWL SPACE PLAN, ELEMENTARY DIAGRAM		4	D		28-JUL-75	06-JUN-01
43	39	C	44986	0	0		0	T	LOS ALAMOS BUILDING FACILITIES, POLICE BARRACKS, DOE BLDG., FORMERLY 469, TA-0		58	D	SFA-BX	23-FEB-48	16-DEC-85
43	39	C	44986	1	2		0	S	POLICE BARRACKS, STRUCT; FOUNDATION PLANS, COLUMN & FOOTING SCHEDULE		58	D	SFA-BX-1/1.1	11-AUG-48	16-DEC-85
43	39	C	44986	2	1		0	S	POLICE BARRACKS, STRUCT; FIRST FLOOR FRAMING PLAN, JOIST & BEAM SCHEDULE		58	D	SFA-BX-1/2	09-OCT-57	16-DEC-85
43	39	C	44986	3	1		0	S	POLICE BARRACKS, STRUCT; SECOND FLOOR FRAMING PLAN, JOIST AND BEAM SCHEDULE		58	D	SFA-BX-1/3	23-FEB-48	16-DEC-85
43	39	C	44986	4	0		0	S	POLICE BARRACKS, STRUCT; THIRD FLOOR FRAMING PLAN, JOIST AND BEAM SCHEDULE		58	D	SFA-BX-1/4	23-FEB-48	16-DEC-85
43	39	C	44986	5	1		0	S	POLICE BARRACKS, STRUCT; ROOF FRAMING PLAN, JOIST AND BEAM SCHEDULE		58	D	SFA-BX-1/5	23-FEB-48	16-DEC-85
43	39	C	44986	6	1		0	S	POLICE BARRACKS, STRUCT; DETAILS		58	D	SFA-BX-1/6	23-FEB-48	16-DEC-85
43	39	C	44986	7	1		0	A	POLICE BARRACKS, ARCH; BASEMENT PLAN AND DETAILS		58	D	SFA-BX-1/7	23-FEB-48	16-DEC-85
43	39	C	44986	8	0	A	0	M	POLICE BARRACKS, ELEC; BASEMENT PLAN, PLUMBING PAN, REVISIONS TO PROVIDE RESIDENT MATRONS QUARTERS		58	D	SFA-BX-1/8-A	03-APR-49	16-DEC-85
43	39	C	44986	8	0	A	0	A	POLICE BARRACKS, ELEC; BASEMENT PLAN, PLUMBING PAN, REVISIONS TO PROVIDE RESIDENT MATRONS QUARTERS		58	D	SFA-BX-1/8-A	03-APR-49	16-DEC-85
43	39	C	44986	8	0	A	0	E	POLICE BARRACKS, ELEC; BASEMENT PLAN, PLUMBING PAN, REVISIONS TO PROVIDE RESIDENT MATRONS QUARTERS		58	D	SFA-BX-1/8-A	03-APR-49	16-DEC-85

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Aadwg	Doc Date	Log Date
43	39	C	44986	8	2		0	A	POLICE BARRACKS, ARCH; FIRST FLOOR PLAN, WINDOW AND DOOR SCHEDULES		58	D	SFA-BX-1/8	09-FEB-65	16-DEC-85
43	39	C	44986	9	1		0	A	POLICE BARRACKS, ARCH, SECOND FLOOR PLAN AND ROOM FINISH SCHEDULE		58	D	SFA-BX-1/9	26-JUN-62	16-DEC-85
43	39	C	44986	10	1		0	A	POLICE BARRACKS, ARCH; THIRD FLOOR PLAN, ROOF AND PENTHOUSE PLAN		58	D	SFA-BX-1/10	06-NOV-61	16-DEC-85
43	39	C	44986	11	0		0	A	POLICE BARRACKS, ARCH; ELEVATIONS		58	D	SFA-BX-1/11	23-FEB-48	16-DEC-85
43	39	C	44986	12	1		0	A	POLICE BARRACKS, ARCH; ELEVATIONS & DETAILS		58	D	SFA-BX-1/12	23-FEB-48	16-DEC-85
43	39	C	44986	13	1		0	A	POLICE BARRACKS, ARCH, CROSS SECTIONS		58	D	SFA-BX-1/12	23-FEB-48	16-DEC-85
43	39	C	44986	14	1		0	A	POLICE BARRACKS, ARCH; DETAILS		58	D	SFA-BX-1/14	23-FEB-48	16-DEC-85
43	39	C	44986	15	1		0	A	POLICE BARRACKS, ARCH; DOOR & WINDOW DETAILS		58	D	SFA-BX-1/15	23-FEB-48	16-DEC-85
43	39	C	44986	16	1		0	A	POLICE BARRACKS, ARCH; DETAILS		58	D	SFA-BX-1/16	03-FEB-48	16-DEC-85
43	39	C	44986	17	1		0	M	POLICE BARRACKS, MECH; HEATING, BASEMENT PLAN, CONDENSATE RETURN METER, DETAIL OF FLASH TANK, RISER DIAGRAM		58	D	SFA-BX-1/17	03-FEB-48	16-DEC-85
43	39	C	44986	18	2		0	M	POLICE BARRACKS, MECH; HEATING, FIRST FLOOR PLAN, VENTING, EXHAUST FAN DETAILS, SYMBOLS		58	D	SFA-BX-1/18	04-FEB-65	16-DEC-85
43	39	C	44986	19	0		0	M	POLICE BARRACKS, MECH; HEATING, SECOND FLOOR PLAN, CONTROL DIAGRAMS		58	D	SFA-BX-1/19	23-FEB-48	16-DEC-85
43	39	C	44986	20	1		0	M	POLICE BARRACKS, MECH; HEATING, THIRD FLOOR PLAN, ROOF VENTILATORS, AIR INTAKE		58	D	SFA-BX-1/20	23-FEB-48	16-DEC-85
43	39	C	44986	21	2		0	M	POLICE BARRACKS, MECH; PLUMBING, BASEMENT PLAN, HOT WATER GENERATOR & CICULATING PUMPS, SPRINKER SYSTEM		58	D	SFA-BX-1/21	23-FEB-48	16-DEC-85
43	39	C	44986	21	2		0	F	POLICE BARRACKS, MECH; PLUMBING, BASEMENT PLAN, HOT WATER GENERATOR & CICULATING PUMPS, SPRINKER SYSTEM		58	D	SFA-BX-1/21	23-FEB-48	16-DEC-85
43	39	C	44986	22	2		0	M	POLICE BARRACKS, MECH; PLUMBING, FIRST FLOOR PLAN, SYMBOLS AND ABBREVIATIONS		58	D	SFA-BX-1/22	04-FEB-65	16-DEC-85
43	39	C	44986	23	0		0	M	POLICE BARRACKS, MECH; PLUMBING, SECOND FLOOR PLAN, WATER PIPING DIAGRAMS		58	D	SFA-BX-1/23	23-FEB-48	16-DEC-85
43	39	C	44986	24	1		0	M	POLICE BARRACKS, MECH; PLUMBING, THIRD FLOOR PLAN, WATER PIPING DIAGRAMS		58	D	SFA-BX-1/24	03-FEB-48	16-DEC-85
43	39	C	44986	25	0		0	M	POLICE BARRACKS, MECH; PLUMBING, DETAILS, WASTE & VENT DIAGRAMS, DOWNSPOUT DIAGRAMS		58	D	SFA-BX-1/25	23-FEB-48	16-DEC-85
43	39	C	44986	26	3		0	E	POLICE BARRACKS, ELEC; BASEMENT PLAN, RISER DIAGRAM		58	D	SFA-BX-1/26	27-OCT-61	16-DEC-85
43	39	C	44986	27	6		0	E	POLICE BARRACKS, ELEC; FIRST FLOOR PLAN, SYMBOLS		58	D	SFA-BX-1/27	08-FEB-65	16-DEC-85
43	39	C	44986	28	2		0	E	POLICE BARRACKS, ELEC; SECOND FLOOR PLAN, FIXTURE SCHEDULE		58	D	SFA-BX-1/28	27-JUN-65	16-DEC-85
43	39	C	44986	29	2		0	E	POLICE BARRACKS, ELEC; THIRD FLOOR PLAN AND PENTHOUSE PLAN		58	D	SFA-BX-1/29	27-OCT-55	16-DEC-85
43	39	C	44986	30	3		0	F	POLICE BARRACKS, ELEC; COMMUNICATIONS, BASEMENT PLAN & DETAILS, SCHEMATIC WIRING DIAGRAM, FIRE ALARM SYSTEM, TELEPHONE RISER DIAGRAM		58	D	SFA-BX-1/30	27-OCT-55	16-DEC-85

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Aadwg	Doc Date	Log Date
43	39	C	44986	30	3		0	E	POLICE BARRACKS, ELEC; COMMUNICATIONS, BASEMENT PLAN & DETAILS, SCHEMATIC WIRING DIAGRAM, FIRE ALARM SYSTEM, TELEPHONE RISER DIAGRAM		58	D	SFA-BX-1/30	27-OCT-55	16-DEC-85
43	39	C	44986	31	2		0	E	POLICE BARRACKS, ELEC; COMMUNICATIONS, FIRST FLOOR PLAN & DETAILS, SYMBOL LIST		58	D	SFA-BX-1/31.1	04-FEB-65	16-DEC-85
43	39	C	44986	32	3		0	E	POLICE BARRACKS, ELEC; COMMUNICATIONS, SECOND FLOOR PLAN & DETAILS		58	D	SFA-BX-1/21.1	27-OCT-55	16-DEC-85
43	39	C	44986	33	3		0	E	POLICE BARRACKS, ELEC; COMMUNICATIONS, THIRD FLOOR PLAN & DETAILS, ROOF AND PENTHOUSE FLOOR PLAN		58	D	SFA-BX-1/33.1	27-OCT-55	16-DEC-85
43	39	C	44986	34	1		0	F	POLICE BARRACKS, FP; AUTOMATIC SPRINKLER SYSTEM, PLANS & DETAILS		58	D	SFA-BX-1/34	23-FEB-48	16-DEC-85
43	39	C	44986	35	0		0	G	SHEET 35 THRU 47 NOT IN THIS SET, SEE C-48522		58	D	SFA-BX	23-FEB-48	16-DEC-85
43	39	C	44986	48	1		0	C	POLICE BARRACKS, CIVIL, PARKING AREA, WALKS & GRADING PLAN, SITE IMPROVEMENTS		58	D	SFA-BX-3/2	23-FEB-48	16-DEC-85
43	39	C	44986	49	0		0	C	POLICE BARRACKS, CIVIL, PARKING AREA, WALKS & GRADING DETAILS, SITE IMPROVEMENTS, RETAINING WALL AND SCHEDULE		58	D	SFA-BX-3/3	23-FEB-48	16-DEC-85
43	39	C	44986	50	1		0	C	POLICE BARRACKS, CIVIL, ROAD PLAN & PROFILE, SITE IMPROVEMENTS		58	D	SFA-BX-3/4	01-AUG-49	16-DEC-85
43	39	C	44986	51	0		0	C	POLICE BARRACKS, CIVIL, GAS DISTRIBUTION PLAN & DETAILS		58	D	SFA-BX-4/1	23-FEB-48	16-DEC-85
43	39	C	44986	52	1		0	C	POLICE BARRACKS, CIVIL, WATER DISTRIBUTION PLAN & DETAILS, STANDARD HYDRANT		58	D	SFA-BX-4/2	01-AUG-49	16-DEC-85
43	39	C	44986	53	0		0	C	POLICE BARRACKS, CIVIL, SANITARY SEWERS PLAN, UTILITIES		58	D	SFA-BX-4/3	23-FEB-48	16-DEC-85
43	39	C	44986	54	1		0	C	POLICE BARRACKS, CIVIL, SANITARY SEWERS PROFILE, UTILITIES		58	D	SFA-BX-4/4	01-AUG-49	16-DEC-85
43	39	C	44986	55	0		0	M	POLICE BARRACKS, CIVIL, SANITARY SEWERS DETAILS, UTILITIES, MANHOLE DETAILS, SEWER CLEAN OUT		58	D	SFA-BX-4/5	23-FEB-48	16-DEC-85
43	39	C	44986	56	2		0	M	POLICE BARRACKS, ARCH; SEWAGE LIFT STATION PLAN & DETAILS, UTILITIES, POWER AND LIGHTING WIRING DIAGRAM		58	D	SFA-BX-4/6	01-OCT-48	16-DEC-85
43	39	C	44986	56	2		0	A	POLICE BARRACKS, ARCH; SEWAGE LIFT STATION PLAN & DETAILS, UTILITIES, POWER AND LIGHTING WIRING DIAGRAM		58	D	SFA-BX-4/6	01-OCT-48	16-DEC-85
43	39	C	44986	56	2		0	E	POLICE BARRACKS, ARCH; SEWAGE LIFT STATION PLAN & DETAILS, UTILITIES, POWER AND LIGHTING WIRING DIAGRAM		58	D	SFA-BX-4/6	01-OCT-48	16-DEC-85
43	39	C	44986	57	0		0	C	POLICE BARRACKS, ELEC; DISTRIBUTION PLANS & DETAILS, UTILITIES, SYMBOL LIST		58	D	SFA-BX-4/7	23-FEB-48	16-DEC-85
43	39	C	44986	58	2		0	C	POLICE BARRACKS, CIVIL, STEAM DISTRIBUTION PLAN & DETAILS, UTILITIES		58	D	SFA-BX-4/8	23-FEB-48	16-DEC-85
43	39	C	45086	45	1		6300	M	ENERGY CONSERVATION RETROFIT PROJECTS, ELEC., BASEMENT FLOOR PLAN, SEQUENCE OF OPERATION		49	D	LA-YG-A-EM45.1	22-JAN-86	08-MAY-86
43	39	C	45086	45	1		6300	E	ENERGY CONSERVATION RETROFIT PROJECTS, ELEC., BASEMENT FLOOR PLAN, SEQUENCE OF OPERATION		49	D	LA-YG-A-EM45.1	22-JAN-86	08-MAY-86
43	39	C	45086	46	1		6300	M	ENERGY CONSERVATION RETROFIT PROJECTS, ELEC., FIRST FLOOR PLAN		49	D	LA-YG-A-EM46.1	22-JAN-86	08-MAY-86

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Aedwg	Doc Date	Log Date
43	39	C	45086	46	1		6300	E	ENERGY CONSERVATION RETROFIT PROJECTS, ELEC., FIRST FLOOR PLAN		49	D	LA-YG-A-EM46.1	22-JAN-86	08-MAY-86
43	39	C	45086	47	1		6300	M	ENERGY CONSERVATION RETROFIT PROJECTS, ELEC., SECOND FLOOR PLAN		49	D	LA-YG-A-EM47.1	22-JAN-86	08-MAY-86
43	39	C	45086	47	1		6300	E	ENERGY CONSERVATION RETROFIT PROJECTS, ELEC., SECOND FLOOR PLAN		49	D	LA-YG-A-EM47.1	22-JAN-86	08-MAY-86
43	39	C	45086	48	1		6300	M	ENERGY CONSERVATION RETROFIT PROJECTS, ELEC., THIRD FLOOR AND PENTHOUSE PLANS		49	D	LA-YG-A-EM48.1	22-JAN-86	08-MAY-86
43	39	C	45086	48	1		6300	E	ENERGY CONSERVATION RETROFIT PROJECTS, ELEC., THIRD FLOOR AND PENTHOUSE PLANS		49	D	LA-YG-A-EM48.1	22-JAN-86	08-MAY-86
43	39	C	45111	1	1		8686	M	STEAM HEATING SYSTEM MODIFICATION, MECH; FLOOR PLAN, DETAILS, LEGEND, BOILER FEED INSTALLATION & FEED CONTROLS		2	D		18-JUL-86	21-JUL-86
43	39	C	45111	2	1		8686	M	STEAM HEATING SYSTEM MODIFICATION, MECH; EQUIPMENT LIST AND NOTES		2	D		18-JUL-86	21-JUL-86
43	39	C	45944	1	0		10849	E	LAAO BUILDING, ELECTRICAL UPGRADE, ELEC; FIRST FLOOR POWER PLAN, LOCATION PLAN, LEGEND, SCOPE OF WORK , PANEL SCHEDULE		6	D	PAN AM #90-041	19-JUN-90	25-JUL-90
43	39	C	45944	2	0		10849	E	LAAO BUILDING, ELECTRICAL UPGRADE, ELEC; SECOND FLOOR POWER PLAN, KEYED NOTES & PANEL SCHEDULES		6	D	PAN AM #90-041	19-JUN-90	25-JUL-90
43	39	C	45944	3	0		10849	E	LAAO BUILDING, ELECTRICAL UPGRADE, ELEC; THIRD FLOOR POWER PLAN, KEYED NOTE & PANEL SCHEDULES		6	D	PAN AM #90-041	19-JUN-90	25-JUL-90
43	39	C	45944	4	0		10849	E	LAAO BUILDING, ELECTRICAL UPGRADE, ELEC; BASEMENT POWER PLAN		6	D	PAN AM #90-041	19-JUN-90	25-JUL-90
43	39	C	45944	5	0		10849	E	LAAO BUILDING, ELECTRICAL UPGRADE, ELEC; MASTER ONE LINE DIAGRAM & RISER DIAGRAM		6	D	PAN AM #90-041	19-JUN-90	25-JUL-90
43	39	C	45944	6	0		10849	E	LAAO BUILDING, ELECTRICAL UPGRADE, ELEC; GENERAL NOTES, BILL OF MATERIAL AND NAMEPLATE SCHEDULE		6	D	PAN AM #90-041	19-JUN-90	25-JUL-90
43	39	C	46461	28	0		10549	E	SCADA WATER PRODUCTION MONITORING & CONTROL SYSTEM INSTALLATION, ELEC; PARTIAL ESS SITE PLANS		37	D		15-MAR-95	28-JUL-05
43	39	C	46461	28	1		10549	E	SCADA WATER PRODUCTION MONITORING & CONTROL SYSTEM INSTALLATION, ELEC; PARTIAL ESS SITE PLANS		37	D		01-JAN-97	30-APR-07
43	39	C	46594	1	0			C	LOS ALAMOS SCIENTIFIC LABORATORY, ERDA WAREHOUSE & OFFICE BUILDING, CIVIL, SITE PLAN		1	D	S1-315-11	18-AUG-92	18-AUG-92
43	39	C	46698	1	0		0	T	WINDOW REPLACEMENT, TITLE SHEET VICINITY MAP/INDEX, BLDG. DOE/LAAO, BLDG. 469		3		ZT-5002		12-SEP-92
43	39	C	46698	2	0		0	A	DEMOLITION DETAILS		3		ZT-5002		12-SEP-92
43	39	C	46698	3	0		0	S	NEW CONSTRUCTION DETAILS		3		ZT-5002		12-SEP-92
43	39	C	47243	1	0		0	T	WINDOW REPLACEMENT AT D.O.E. BUILDING, BLDG. ULR-469, TITLE I		1	C	ZT-4989		11-SEP-92
43	39	C	47258	1	1		0	C	PARKING LOT MODIFICATIONS, L.A.A.O. HEADQUARTERS		1		ZT-5120		14-SEP-92
43	39	C	47276	1	0		0	E	ELECTRICAL UPGRADING OF EXISTING DISTRIBUTION SYSTEM, DRAWING INDEX		3		ZT-4953		15-SEP-92
43	39	C	47276	2	0		0	A	EXISTING FLOOR PLAN, ELEVATIONS, LOCATION PLAN & NOTES		3		ZT-4953		15-SEP-92
43	39	C	47276	3	0		0	A	NEW FLOOR PLAN, ELEVATIONS, DETAILS, PANEL SCHEDULE & BILL OF MATERIAL		3		ZT-4953		15-SEP-92

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Asdwg	Doc Date	Log Date
43	39	C	47298	1	0			A	ALTERATIONS TO OFFICE SPACES, D.O.E./L.A.A., FIRST FLOOR, EAST WING, ARCH; DEMOLITION PLAN		3	D	ZT-4916	29-JUL-92	14-SEP-92
43	39	C	47298	2	0			A	ALTERATIONS TO OFFICE SPACES, D.O.E./L.A.A., FIRST FLOOR, EAST WING, ARCH; NEW CONSTRUCTION PLAN		3	D	ZT-4916	29-JUL-92	14-SEP-92
43	39	C	47298	3	0			E	ALTERATIONS TO OFFICE SPACES, D.O.E./L.A.A., FIRST FLOOR, EAST WING, ARCH, ELEC; FLOOR PLAN, BILL OF MATERIALS, CIRCUIT SCHEDULE		3	D	ZT-4916	29-JUL-92	14-SEP-92
43	39	C	47323	1	0			A	PROPOSED WINDOW REPLACEMENT, ARCH; ELEVATIONS, PROPOSED DEMOLITION & INSTALLATION		1	D	ZT-4870	13-SEP-92	14-SEP-92
43	39	C	47496	1	0		0	S	INSTALL FLAGSTONE SIGN		1	C	ZT-4819		16-SEP-92
43	39	C	47524	1	0		0	E	EMERGENCY POWER LOADS, ELEC; FLOOR PLAN, DETAILS & NOTES, DOE HEADQUARTERS		1		ZT-4683		24-SEP-92
43	39	C	48148	1	0		0	E	DOE OFFICE REMODEL ROOMS 209, 211, 213		3		ZT-5592		01-OCT-92
43	39	C	48148	2	0		0	E	DOE OFFICE REMODEL ROOMS 209, 211, 213		3		ZT-5592		01-OCT-92
43	39	C	48148	3	0		0	A	DOE OFFICE REMODEL ROOMS 209, 211, 213		3		ZT-5592		01-OCT-92
43	39	C	48377	1	0		0	C	PARKING LOT ADDITION A.E.C. HEADQUARTERS BUILDING, PLAN AND DETAILS		2	D	Z-4395		13-JAN-93
43	39	C	48377	2	0		0	C	STRIPING LAYOUT		2	D	Z-4395		13-JAN-93
43	39	C	48379	1	1		0	S	LAAO HEADQUARTERS BUIDLING - STEEL FLOOR SHORING, PLAN, SECTIONS, DETAILS (A		1		LA-MS-1		07-OCT-92
43	39	C	48380	1	0		0	T	LEGAL LIBRARY MODIFICATIONS L.A.A.O. E.R.D.A. BLDG., TITLE SHEET AND VICINITY MA		2		LA-PQ-1		07-OCT-92
43	39	C	48380	2	0		0	A	FLOOR, FRAMING PLAN & MISC DETAILS		2		LA-PQ-2		07-OCT-92
43	39	C	48381	1	0		0	T	E.R.D.A. BUILDING MODIFICATIONS, TITLE SHEET & VICINITY MAP		5		LA-QS-1.0		07-OCT-92
43	39	C	48381	2	0		0	A	KARCHITECTURAL-PENTHOUSE		5		LA-QS-2.0		07-OCT-92
43	39	C	48381	3	0		0	M	MECHANICAL PENTHOUSE		5		LA-QS-3.0		07-OCT-92
43	39	C	48381	4	0		0	E	ELECTRICAL-PENTHOUSE		5		LA-QS-4.0		07-OCT-92
43	39	C	48381	5	0		0	A	E.R.D.A. BUILDING MODIFICATIONS, ROOM 100		5		LA-QS-5.0		07-OCT-92
43	39	C	48391	1	1		0	M	DOE-LAAO BUILDING EVAPORATIVE COOLER RM. 100, MECHANICAL PLAN-& SECTIONS		3		Z-5041		02-NOV-92
43	39	C	48391	2	1		0	M	MECHANICAL DETAILS & SECTIONS		3		Z-5041		02-NOV-92
43	39	C	48391	3	1		0	E	ELECTRICAL PLAN, SECTIONS & DETAILS		3		Z-5041		02-NOV-92
43	39	C	48392	1	0		0	T	U.S. AEC LAAO SIDEWALK IMPROVEMENTS, TITLE AND INDEX SHEET		3		LA-JN-1		02-NOV-92
43	39	C	48392	2	0		0	C	PLOT PLAN AND DETAILS		3		LA-JN-2		02-NOV-92
43	39	C	48392	3	0		0	A	SECTIONS AND ELEVATION		3		LA-JN-3		02-NOV-92
43	39	C	48393	1	0		0	A	ALTERATIONS LAAO BUILDING		4		Z-4415		02-NOV-92
43	39	C	48393	2	0		0	A	ALTERATIONS LAAO BUILDING		4		Z-4415		02-NOV-92
43	39	C	48393	3	0		0	A	ALTERATIONS LAAO BUILDING		4		Z-4415		02-NOV-92
43	39	C	48393	4	0		0	A	ALTERATIONS LAAO BUILDING		4		Z-4415		02-NOV-92

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot Sz	Aadwg	Doc Date	Log Date
43	39	C	48394	1	0		0	A	MINOR ALTERATIONS IN COMMUNITY AFFAIRS OFFICES (SOUTH-WEST WING, FIRST FLOOR, LA		1	Z-2918		02-NOV-92
43	39	C	48399	1	0		0	A	WATERPROOFING BSMNT. WALLS, LAAO HDQS. BLDG.		1	Z-2037		02-NOV-92
43	39	C	48400	1	0		0	A	STAIR, SAFETY TREAD REPLACEMENT, DEPARTMENT OF ENERGY BUILDING, PLANS, DETAILS A		1	Z-4805		02-NOV-92
43	39	C	48401	1	0		0	C	A.E.C. HEADQUARTERS BUILDING PARKING LOT REHAB., STRIPING LAYOUT		1			02-NOV-92
43	39	C	48402	1	0		0	E	EMERGENCY POWER LOADS, ELEC; FLOOR PLAN, DETAILS & NOTES		1	ZT-4683		02-NOV-92
43	39	C	48403	1	0		0	C	A.E.C. HEADQUARTERS BUILDING PARKING LOT REHAB., STRIPING LAYOUT		1	Z-4518		30-OCT-92
43	39	C	48404	1	0		0	C	A.E.C. HEADQUARTERS BLDG. PARKING REHAB, STRIPING LAYOUT		1	Z-4544		30-OCT-92
43	39	C	48405	1	0		0	C	MISCELLANEOUS STRIPING AND SITEWORK, LAAO HEADQUARTERS		1	Z-4660		30-OCT-92
43	39	C	48406	1	0		0	C	OVERLAYING OF PARKING AREA AT A.E.C. HEADQUARTERS, PLOT PLAN & DETAILS		1	Z-4171		30-OCT-92
43	39	C	48407	1	1		0	A	MODIFICATIONS TO ROOM 100-B LOS ALAMOS AREA OFFICE OF D.O.E., PLANS AND DETAILS		1	Z-4807		30-OCT-92
43	39	C	48408	1	0		0	C	PARKING LOT STRIPING LAAO HEADQUARTERS		1	C Z-5032		30-OCT-92
43	39	C	48409	1	0		0	A	D.O.E. LEGAL LIBRARY MODS PLANS AND DETAILS		1	Z-4988		30-OCT-92
43	39	C	48410	1	0		0	A	REST ROOM MODIFICATIONS D.O.E. BUILDING		1	C Z-4825		30-OCT-92
43	39	C	48411	1	0		0	A	CONFERENCE ROOM AT ERDA BLDG., PROPOSED MODIFICATION		1	C		30-OCT-92
43	39	C	48412	1	0		0	A	EXHAUST FAN INSTALL. COMMUNICATIONS HEADQUARTERS ERDA LAAO BLDG. PARTIAL FLOOR P		1	C		30-OCT-92
43	39	C	48413	1	0		0	E	GROUNDING RECEPTACLE SECOND FLOOR ERDA BLDG., PLANS		1	C Z-4754		30-OCT-92
43	39	C	48414	1	0		0	A	RELOCATION OF TIRE CHAIN CHANGING SHED TO A.E.C. HDQTS. BLDG., PLAN & DETAILS		1	C Z-4418		30-OCT-92
43	39	C	48438	1	0		0	C	ADDITIONAL PARKING LOT AT LAAO HQ, PLOT PLAN & MISC. DETAILS		1	C Z-2325		01-MAR-93
43	39	C	48439	1	0		0	A	REPAIRS TO LOUNGE AREA-LAAO BLDG., PLANS AND SCOPE OF WORK		1	C Z-2214		01-MAR-93
43	39	C	48440	1	0			A	REMODELING-ROOMS 126 & 121 - 119 LAAO BUILDING, PLANS, DETAILS AND SCOPE OF WORK		1	Z-2213		19-JAN-93
43	39	C	48441	1	0		0	C	REPAIR OF MAIN ROOF LAAO UDQS BUILDING, PLAN & SCOPE OF WORK		1	C Z-2188		19-JAN-93
43	39	C	48442	1	0		0	C	LAAO LOUNGE ROOF-PARAPET WALL & DRAIN INSTALLATION		1	C Z-2154		19-JAN-93
43	39	C	48443	1	0		0	C	LAAO HQS BLDG. - REMODEL BSMT FOR SECURITY BRANCH PHOTO LAB, PLAN & DETAILS		2	C Z-2215		19-JAN-93
43	39	C	48443	2	0		0	C	PLAN & DETAILS		2	C Z-2215		19-JAN-93
43	39	C	48444	1	0		0	C	BATTERY ROOM L.A.A.O. - ERDA, FIRST FLOOR		1	C Z-4684		19-JAN-93
43	39	C	48445	1	0		0	A	CONDUIT INSTALLATION FOR ANTENNA COAXIAL CABLE AT E.R.D.A. BUILDING, LOCATION, P		1	C Z-4717		19-JAN-93

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Aedwg	Doc Date	Log Date
43	39	C	48446	1	0		0	C	D.O.E. BLDG. MODIFICATIONS ADDITION OF FOLDING DOOR TO STATION 100 PLANS & DETIA		1	C	Z-4635		19-JAN-93
43	39	C	48447	1	0		0	C	PARKING LOT IMPROVEMENTS A.E.C. HEADQUARTERS, PLAN AND SECTION		1	C	Z-4547		19-JAN-93
43	39	C	48450	1	0		0	C	REPAIRS TO BASEMENT WALL E.R.D.A. - LAAO BLDG.		1	C			19-JAN-93
43	39	C	48454	1	0		0	C	L.A.A.O. BUILDING ADDITONAL PARKING LOT STRIPING, PLOT PLAN		1	C	Z-4527		06-NOV-92
43	39	C	48455	1	0		0	UN	SHEET 1 OF 2 NOT INCLUDED IN SET		2		Z-4763		06-NOV-92
43	39	C	48455	2	0		0	A	LAAO-ERDA BLDG. BASEMENT & THIRD FLOOR MODIFICATIONS, BASEMENT & PARTIAL 3RD FLO		2	C	Z-4763		06-NOV-92
43	39	C	48522	1	2	A	0	S	STRUCTURAL, FOUNDATION PLAN, POLICE BARRACKS, BLDG. PAC., GROUP 10		58	D	SFA-BX-1/1.1	28-FEB-48	22-JAN-93
43	39	C	48522	2	2		0	S	POLICE BARRACKS, FIRST FLOOR FRAMING PLAN, LOS ALAMOS BLDG. FACILITIES GROUP 10		58	D	SFA-BX-1/2	28-FEB-48	06-FEB-98
43	39	C	48522	3	1		0	S	POLICE BARRACKS, SECOND FLOOR FRAMING PLAN, LOS ALAMOS BLDG. FACILITIES GROUP 10		58	D	SFA-BX-1/3	28-FEB-48	06-FEB-98
43	39	C	48522	4	0		0	S	POLICE BARRACKS, THIRD FLOOR FRAMING PLAN, LOS ALAMOS BLDG. FACILITIES GROUP 10		58	D	SFA-BX-1/4	28-FEB-48	06-FEB-98
43	39	C	48522	5	1		0	S	POLICE BARRACKS, ROOF FRAMING PLAN, LOS ALAMOS BUILDING FACILITIES GROUP 10		58	D	SFA-BX-1/5	28-FEB-48	06-FEB-98
43	39	C	48522	6	1		0	S	POLICE BARRACKS, LOS ALAMOS BLDG. FAC., GROUP 10. STRUCTURAL-DETAILS		58	D	SFA-BX-1/6	28-FEB-48	22-JAN-93
43	39	C	48522	7	2		0	A	POLICE BARRACKS, LOS ALAMOS BLDG. FAC., GROUP 10, ARCHITECTURAL-BASEMENT		58	D	SFA-BX-1/7	28-FEB-48	22-JAN-93
43	39	C	49759	1	1		12657	T	LAAO BUILDING ELEVATOR INSTALLATION, TITLE SHEET AND INDEX TO DRAWINGS		26	D		01-APR-96	14-FEB-97
43	39	C	49759	2	1		12657	S	LAAO BUILDING ELEVATOR INSTALLATION, STRUCT., FOUNDATION PLAN & FRAMING PLANS		26	D		01-APR-96	14-FEB-97
43	39	C	49759	3	1		12657	S	LAAO BUILDING ELEVATOR INSTALLATION, STRUCT., DETAILS		26	D		01-APR-96	14-FEB-97
43	39	C	49759	4	1		12657	S	LAAO BUILDING ELEVATOR INSTALLATION, STRUCT., DETAILS		26	D		01-APR-96	14-FEB-97
43	39	C	49759	5	1		12657	S	LAAO BUILDING ELEVATOR INSTALLATION, STRUCT., DETAILS		26	D		01-APR-96	14-FEB-97
43	39	C	49759	6	1		12657	S	LAAO BUILDING ELEVATOR INSTALLATION, STRUCT., GENERAL NOTES		26	D		01-APR-96	14-FEB-97
43	39	C	49759	7	1		12657	A	LAAO BUILDING ELEVATOR INSTALLATION, ARCH., DEMOLITION PLANS		26	D		01-APR-96	14-FEB-97
43	39	C	49759	8	1		12657	A	LAAO BUILDING ELEVATOR INSTALLATION, ARCH., FLOOR PLANS		26	D		01-APR-96	14-FEB-97
43	39	C	49759	9	1		12657	A	LAAO BUILDING ELEVATOR INSTALLATION, ARCH., REFLECTED CEILING PLANS		26	D		01-APR-96	14-FEB-97
43	39	C	49759	10	1		12657	A	LAAO BUILDING ELEVATOR INSTALLATION, ARCH., ROOF PLAN AND DETAILS		26	D		01-APR-96	14-FEB-97
43	39	C	49759	11	1		12657	A	LAAO BUILDING ELEVATOR INSTALLATION, ARCH., ELEVATIONS		26	D		01-APR-96	14-FEB-97
43	39	C	49759	12	1		12657	A	LAAO BUILDING ELEVATOR INSTALLATION, ARCH., ELEVATIONS		26	D		01-APR-96	14-FEB-97

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sx	Aedwg	Doc Date	Log Date
43	39	C	49759	13	1		12657	A	LAAO BUILDING ELEVATOR INSTALLATION, ARCH., BUILDING SECTIONS		26	D		01-APR-96	14-FEB-97
43	39	C	49759	14	1		12657	A	LAAO BUILDING ELEVATOR INSTALLATION, ARCH , WALL SECTIONS & DETAILS, FURRING PARTITION		26	D		01-APR-96	14-FEB-97
43	39	C	49759	15	1		12657	A	LAAO BUILDING ELEVATOR INSTALLATION, ARCH., BEAM, WALL, COLUMN DETAILS		26	D		01-APR-96	14-FEB-97
43	39	C	49759	16	1		12657	A	LAAO BUILDING ELEVATOR INSTALLATION, ARCH., SCHEDULES		26	D		01-APR-96	14-FEB-97
43	39	C	49759	17	1		12657	M	LAAO BUILDING ELEVATOR INSTALLATION, MECH., FLOOR PLAN		26	D		01-APR-96	14-FEB-97
43	39	C	49759	18	1		12657	M	LAAO BUILDING ELEVATOR INSTALLATION, MECH., EQUIPMENT LIST, CONTROL SEQUENCE, POWER ROOF VENTILATOR DETAILS.		26	D		01-APR-96	14-FEB-97
43	39	C	49759	19	1		12657	E	LAAO BUILDING ELEVATOR INSTALLATION, ELEC., LEGEND		26	D		01-APR-96	14-FEB-97
43	39	C	49759	20	1		12657	E	LAAO BUILDING ELEVATOR INSTALLATION, ELEC., ONE-LINE DIAGRAM & PANEL SCHEDULE		26	D		01-APR-96	14-FEB-97
43	39	C	49759	21	1		12657	E	LAAO BUILDING ELEVATOR INSTALLATION, ELEC., GROUNDING SYSTEM DIAGRAM & LIGHTNING PROTECTION PLANS		26	D		01-APR-96	14-FEB-97
43	39	C	49759	22	1		12657	E	LAAO BUILDING ELEVATOR INSTALLATION, ELEC., SITE PLAN		26	D		01-APR-96	14-FEB-97
43	39	C	49759	22	1		12657	C	LAAO BUILDING ELEVATOR INSTALLATION, ELEC., SITE PLAN		26	D		01-APR-96	14-FEB-97
43	39	C	49759	23	1		12657	E	LAAO BUILDING ELEVATOR INSTALLATION, ELEC., ELEC., LIGHTING FLOOR PLANS		26	D		01-APR-96	14-FEB-97
43	39	C	49759	24	1		12657	E	LAAO BUILDING ELEVATOR INSTALLATION, ELEC., POWER & SPECIAL SYSTEMS FLOOR PLANS		26	D		01-APR-96	18-FEB-97
43	39	C	49759	25	1		12657	F	LAAO BUILDING ELEVATOR INSTALLATION, ELEC., FIRE ALARM DIAGRAM & ZONE SCHEDULE		26	D		01-APR-96	18-FEB-97
43	39	C	49759	25	1		12657	E	LAAO BUILDING ELEVATOR INSTALLATION, ELEC., FIRE ALARM DIAGRAM & ZONE SCHEDULE		26	D		01-APR-96	18-FEB-97
43	39	C	49759	26	1		12657	E	LAAO BUILDING ELEVATOR INSTALLATION, ELEC., NAMEPLATE & LIGHT FIXTURE SCHEDULES & POWER ROOF VENTILATOR DIAGRAM		26	D		01-APR-96	18-FEB-97
43	39	C	51627	1	1			F	LAAO BUILDING, FIRE PROTECTION MAPS, VICINITY MAP AND LEGEND, (FORMERLY TA-0 URL-469)		2	D	FM-LAAO-01	22-JUL-88	21-AUG-97
43	39	C	51627	1	1			C	LAAO BUILDING, FIRE PROTECTION MAPS, VICINITY MAP AND LEGEND, (FORMERLY TA-0 URL-469)		2	D	FM-LAAO-01	22-JUL-88	21-AUG-97
43	39	C	51627	2	2			F	LAAO BUILDING, FIRE PROTECTION MAPS (FORMERLY TA-0 URL-469)		2	D	FM-LAAO-01	24-JAN-89	21-AUG-97
43	39	C	53951	1	0		100140	T	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FIRE PROTECTION, TITLE SHEET & LIST OF DRAWINGS	G-0001	13	D		29-NOV-06	18-JUL-06
43	39	C	53951	1	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FIRE PROTECTION, TITLE SHEET & LIST OF DRAWINGS	G-0001	13	D		29-NOV-06	18-JUL-06

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot Sz	Aedwg	Doc Date	Log Date
43	39	C	53951	1	1		100140	T	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP, TITLE SHEET & LIST OF DRAWINGS, THESE B SIZE ARE STORED IN CLOSED RECORD FILE BOX	G-0001	13 B		01-FEB-06	28-JUN-07
43	39	C	53951	1	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP, TITLE SHEET & LIST OF DRAWINGS, THESE B SIZE ARE STORED IN CLOSED RECORD FILE BOX	G-0001	13 B		01-FEB-06	28-JUN-07
43	39	C	53951	2	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; SYMBOLS LEGEND & NOTES	F-0001	13 D		29-NOV-06	18-JUL-06
43	39	C	53951	2	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; SYMBOLS LEGEND & NOTES	F-0001	13 B		01-FEB-06	28-JUN-07
43	39	C	53951	3	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; BASEMENT FLOOR PLAN	F-1000	13 D		29-NOV-06	18-JUL-06
43	39	C	53951	3	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; BASEMENT FLOOR PLAN	F-1000	13 B		01-FEB-06	28-JUN-07
43	39	C	53951	4	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; PARTIAL FIRST FLOOR PLAN	F-1001	13 D		29-NOV-06	18-JUL-06
43	39	C	53951	4	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; PARTIAL FIRST FLOOR PLAN	F-1001	13 B		01-FEB-06	28-JUN-07
43	39	C	53951	5	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; SECTION	F-3000	13 D		29-NOV-06	18-JUL-06
43	39	C	53951	5	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; SECTION	F-3000	13 B		01-FEB-06	28-JUN-07
43	39	C	53951	6	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; DETAIL	F-5000	13 D		29-NOV-06	18-JUL-06
43	39	C	53951	6	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; DETAIL	F-5000	13 B		01-FEB-06	28-JUN-07
43	39	C	53951	7	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; FUNCTIONAL MATRIX	F-6000	13 D		29-NOV-06	18-JUL-06
43	39	C	53951	7	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; FUNCTIONAL MATRIX	F-6000	13 B		01-FEB-06	28-JUN-07
43	39	C	53951	8	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; WIRING DIAGRAM	F-6001	13 D		29-NOV-06	18-JUL-06
43	39	C	53951	8	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; WIRING DIAGRAM	F-6001	13 B		01-FEB-06	28-JUN-07
43	39	C	53951	9	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; WIRING DIAGRAM	F-6002	13 D		29-NOV-06	18-JUL-06
43	39	C	53951	9	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; WIRING DIAGRAM	F-6002	13 B		01-FEB-06	28-JUN-07
43	39	C	53951	10	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; BILL OF MATERIALS	F-7000	13 D		29-NOV-06	18-JUL-06
43	39	C	53951	10	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; BILL OF MATERIALS	F-7000	13 B		01-FEB-06	28-JUN-07
43	39	C	53951	11	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; BATTERY & VOLTAGE DROP CALCULATIONS	F-8001	13 D		29-NOV-06	18-JUL-06
43	39	C	53951	11	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; BATTERY & VOLTAGE DROP CALCULATIONS	F-8001	13 B		01-FEB-06	28-JUN-07
43	39	C	53951	12	0		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP, CONDUIT FILL CALCULATIONS	F-8001	13 D		29-NOV-06	18-JUL-06

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Aedwg	Doc Date	Log Date
43	39	C	53951	12	1		100140	F	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, FP; CONDUIT FILL CALCULATIONS	F-8001	13	B		01-FEB-06	28-JUN-07
43	39	C	53951	13	0		100140	E	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, ELEC; SYMBOLS LEGEND & NOTES	E-0001	13	D		29-NOV-06	18-JUL-06
43	39	C	53951	13	1		100140	E	PARTIAL SITE WIDE FIRE ALARM SYSTEM REPLACEMENT PROJECT, ELEC; SYMBOLS LEGEND & NOTES	E-0001	13	B		01-FEB-06	28-JUN-07
43	39	C	54000	113	0		101225	G	PARKING LOT INVENTORY PROGRAM FOR LOS ALAMOS NATIONAL LABORATORY, GEN; PARKING LOT DATA, TA43-03 & TA43-04		156	B		22-MAR-06	03-APR-06
43	39	PL	3727	4	0		5664	F	FIRE PROTECTION IMPROVEMENTS, FY-79, FP; DOE/LAAO HEADQUARTERS BASEMENT FLOOR PLAN & WATER DISTRIBUTION SCHEMATIC, FORMLERY ULR-469		62	D		25-APR-77	18-MAY-78
43	39	PL	3727	5	0		5664	F	FIRE PROTECTION IMPROVEMENTS, FY-79, FP; DOE/LAAO HEADQUARTERS FIRST FLOOR PLAN, FORMERLY ULR-469		62	D		25-APR-77	18-MAY-78
43	39	PL	3727	6	0		5664	F	FIRE PROTECTION IMPROVEMENTS, FY-79, FP; DOE/LAAO HEADQUARTERS SECOND FLOOR PLAN, FORMERLY ULR-469		62	D		25-APR-77	18-MAY-78
43	39	PL	3727	7	0		5664	F	FIRE PROTECTION IMPROVEMENTS, FY-79, FP; DOE/LAAO HEADQUARTERS THIRD FLOOR PLAN, FORMERLY ULR-469		62	D		25-APR-77	18-MAY-78
43	39	R	4414	1	4		0	A	AEC/LAAO HEADQUARTERS BUILDING, BASEMENT FLOOR PLAN		4			31-MAY-89	04-AUG-89
43	39	R	4415	2	5		0	A	AEC/LAAO HEADQUARTERS BLDG. FIRST FLOOR PLAN		4			31-MAY-89	04-AUG-89
43	39	R	4416	3	2		0	A	AEC/LAAO HEADQUARTERS BLDG. SECOND FLOOR PLAN		4			31-MAY-89	04-AUG-89
43	39	R	4417	4	2		0	A	AEC/LAAO HEADQUARTERS BLDG., THIRD FLOOR & PENTHOUSE PLAN		4			31-MAY-89	04-AUG-89
43	39	SK	7918	1	0			A	LAAO MODIFICATION CONFERENCE ROOM, ARCH; REFLECTED CEILING FLOOR PLAN & SECTIONS		6	D	J.C.I. #93-113	07-SEP-93	20-SEP-93
43	39	SK	7918	2	0			M	LAAO MODIFICATION CONFERENCE ROOM, MECH; GENERAL NOTES & EQUIPMENT LIST		6	D	J.C.I. #93-113	07-SEP-93	20-SEP-93
43	39	SK	7918	3	0			M	LAAO MODIFICATION CONFERENCE ROOM, MECH; PARTIAL FLOOR PLAN & SECTIONS		6	D	J.C.I. #93-113	07-SEP-93	20-SEP-93
43	39	SK	7918	4	0			E	LAAO MODIFICATION CONFERENCE ROOM, ELEC; PARTIAL DEMOLITION & INSTALLATION FLOOR PLANS & SECTIONS		6	D	J.C.I. #93-113	07-SEP-93	20-SEP-93
43	39	SK	7918	5	0			E	LAAO MODIFICATION CONFERENCE ROOM, ELEC; GENERAL NOTES & BILL OF MATERIAL		6	D	J.C.I. #93-113	07-SEP-93	20-SEP-93
43	39	SK	7918	6	0			E	LAAO MODIFICATION CONFERENCE ROOM, ELEC; WIRING SCHEMATICS & ELEVATION		6	D	J.C.I. #93-113	07-SEP-93	20-SEP-93
43	39	SK	9072	1	0			M	LAAO MODS, MECH., EQUIPMENT LIST		2	D	JCI 93-113	11-JUL-94	01-NOV-00
43	39	SK	9072	2	0			M	LAAO MODS, MECH., EQUIPMENT LIST AND PLAN, BOILER PIPING ISOMETRIC, BACKFLOW PREVENTER PIPING DETAIL		2	D	JCI 93-113	11-JUL-94	01-NOV-00

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Asdwg	Doc Date	Log Date
43	41	C	45497	35	1	A	0	S	WESTERN STEAM GENERATING PLANT, STRUCT., SUPPORTING BEAMS UNDER GENERATOR BRACKETS TO FLOORS BMS		58	D	SFA-BX-2/1A	22-JUL-49	19-MAY-88
43	41	C	45497	35	2		0	S	WESTERN STEAM GENERATING PLANT, BUILDING FACILITIES GROUP 10, STRUCT., FOUNDATION PLAN & DETAILS		58	D	SFA-BX-2/1.1	25-JUL-49	19-MAY-88
43	41	C	45497	36	1		0	S	WESTERN STEAM GENERATING PLANT, STRUCT., ROOF FRAMING PLAN		58	D	SFA-BX-2/1	25-JUL-49	19-MAY-88
43	41	C	45497	37	2		0	A	WESTERN STEAM GENERATING PLANT, ARCH., FLOOR PLANS & ELEVATIONS, ROOF PLAN		58	D	SFA-BX-2/3.1	26-JUL-49	19-MAY-88
43	41	C	45497	38	0		0	A	WESTERN STEAM GENERATING PLANT, ARCH., DOOR & WINDOW, ROOF, DETAILS		58	D	SFA-BX-2/4	23-FEB-28	19-MAY-88
43	41	C	45497	39	3		0	M	WESTERN STEAM GENERATING PLANT, MECH., PLUMBING-PLAN & DETAILS		58	D	SFA-BX-2/5	09-MAR-50	19-MAY-88
43	41	C	45497	40	1		0	M	WESTERN STEAM GENERATING PLANT, MECH., PLUMBING-RISER DIAGRAMS, ISOMETRIC DIAGRAM OF WAYER, GAS, FIRE LINES, WASTE & VENT PIPING		58	D	SFA-BX-2/6	26-JUL-49	19-MAY-88
43	41	C	45497	41	1		0	E	WESTERN STEAM GENERATING PLANT, ELEC., FLOOR PLAN OF OFFICE, DEAERATOR PLATFORM & BOILER ROOM		58	D	SFA-BX-2/7	27-JUL-49	19-MAY-88
43	41	C	45497	42	2		0	E	WESTERN STEAM GENERATING PLANT, ELEC., PARTIAL PLAN & DETAILS, ONE LINE DIAGRAM		58	D	SFA-BX-2/8	27-OCT-51	19-MAY-88
43	41	C	45497	43	5		0	M	WESTERN STEAM GENERATING PLANT, MECH., STEAM PIPING & EQUIPMENT-PLAN AT DEARERATOR PLATFORM		58	D	SFA-BX-2/9	14-JUL-60	19-MAY-88
43	41	C	45497	44	4		0	M	WESTERN STEAM GENERATING PLANT, MECH., STEAM PIPING & EQUIPMENT AUXILIARIES AND DETIALS, FUEL OIL STORAGE TANK		58	D	SFA-BX-2/10	15-FEB-62	19-MAY-88
43	41	C	45497	45	3		0	M	WESTERN STEAM GENERATING PLANT, MECH , STEAM PIPING & EQUIPMENT-SECTIONS, BLOW OFF TANK		58	D	SFA-BX-2/11.2	28-JUL-49	19-MAY-88
43	41	C	45497	46	1		0	M	WESTERN STEAM GENERATING PLANT, MECH., BOILER PLANT EQUIPMENT		58	D	SFA-BX-2/12	28-JUL-49	19-MAY-88
43	41	C	48522	0	0		0	T	LOS ALAMOS BUILDING FACILITY, GROUP 10, INDEX OF DRAWINGS		58	D		28-FEB-48	22-JAN-93
43	41	C	48522	35	1	A	0	S	STEAM GENERATING PLANT, SUPPORTING BEAMS UNDER DEAERATOR-BACKETS TO FLOOR BMS.		58	D	SFA-BX-2/1A	28-FEB-48	22-JAN-93
43	41	C	48522	35	2		0	S	STEAM GENERATING PLANT, STRUCTURAL-FOUNDATION PLAN AND DETAILS		58	D	SFA-BX-2/1	28-FEB-48	22-JAN-93
43	41	C	48522	36	1		0	S	STEAM GENERATING PLANT, WESTERN AREA, STRUCTURAL ROOF FRAMING		58	D	SFA-BX-2/2	28-FEB-48	22-JAN-93
43	41	C	48522	37	2		0	A	STEAM GENERATING PLANT, WESTERN AREA, ARCHITECTURAL, FLOOR PLANS AND ELEV.		58	D	SFA-BX-2/3.1	28-FEB-48	22-JAN-93
43	41	C	48522	38	0		0	A	STEAM GENERATING PLANT, WESTERN AREA, ARCHITECTURAL-DETAILS		58	D	SFA-BX-2/4	28-FEB-48	22-JAN-93
43	41	C	48522	39	2		0	M	STEAM GENERATING PLANT, WESTERN AREA, PLUMBING PLAN AND DETAILS		58	D	SFA-BX-2/5	28-FEB-48	22-JAN-93
43	41	C	48522	40	1		0	M	STEAM GENERATING PLANT, WESTERN AREA, PLUMBING RISER DIAGRAMS		58	D	SFA-BX-2/6	28-FEB-48	22-JAN-93
43	41	C	48522	41	1		0	E	STEAM GENERATING PLANT, WESTERN AREA, ELECTRICAL PLAN		58	D	SFA-BX-2/7	28-FEB-48	22-JAN-93

Drawings Report - Facilities

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Aedwg	Doc Date	Log Date
43	41	C	48522	42	2		0	E	STEAM GENERATING PLANT, WESTERN AREA, ELECTRICAL PARTIAL PLAN AND DETAILS		58	D	SFA-BX-2/8	28-FEB-48	22-JAN-93
43	41	C	48522	43	5		0	M	STEAM GENERATING PLANT, STEAM PIPING, EQUIPMENT PLAN AT DEAERATOR PLATFORM		58	D	SFA-BX-2/9	28-FEB-48	22-JAN-93
43	41	C	48522	44	4		0	M	STEAM GENERATING PLANT, STEAM PIPING AND EQUIP AUXILIARIES AND DETAILS		58	D	SFA-BX-2/10	28-FEB-48	22-JAN-93
43	41	C	48522	45	2		0	M	STEAM GENERATING PLANT, WESTERN AREA, STEAM PIPING AND EQUIPMENT SECTIONS		58	D	SFA-BX-2/11	28-FEB-48	22-JAN-93
43	41	C	48522	46	1		0	M	STEAM GENERATING PLANT, WESTERN AREA, BOILER PLANT EQUIPMENT		58	D	SFA-BX-2/12	28-FEB-48	22-JAN-93
43	41	C	48522	47	0		0	C	LOS ALAMOS BLDG. FAC., SITE IMPROVEMENTS, GENERAL LAYOUT		58	D	SFA-BX-3/1	28-FEB-48	22-JAN-93
43	41	C	48522	48	1		0	C	LOS ALAMOS BUILDING FAC., PARKING AREA WALKS AND GRADING PLAN		58	D	SFA-BX-3/1	28-FEB-48	22-JAN-93
43	41	C	48522	48	2	A	0	C	LOS ALAMOS BUILDING FAC., PARKING AREA WALKS AND GRADING PLAN, ORIGINAL TRACING		58	D	SFA-BX-3/1	28-FEB-48	22-JAN-93
43	41	C	48522	49	0		0	C	LOS ALAMOS BUILDING FAC., GROUP 10, PARKING AREA, WALKS AND GRADING-DETAILS		58	D	SFA-BX-3/3	28-FEB-48	22-JAN-93
43	41	C	48522	50	1		0	C	LOS ALAMOS BUILDING FAC. GROUP 10, ROADS PLAN AND PROFILE		58	D	SFA-BX-3/4	28-FEB-48	22-JAN-93
43	41	C	48522	51	0		0	C	LOS ALAMOS BLDG. FAC., GAS DISTRIBUTION PLANS AND DETAILS		58	D	SFA-BX-4/1	28-FEB-48	22-JAN-93
43	41	C	48522	52	1		0	C	LOS ALAMOS BLDG. FAC. GROUP 10, WATER DISTRIBUTION AND DETAILS		58	D	SFA-BX-4/2	28-FEB-48	22-JAN-93
43	41	C	48522	53	1		0	C	LOS ALAMOS BLDG FAC., GROUP 10, WATER DISTRIBUTION AND DETAILS		58	D	SFA-BX-4/3	23-FEB-48	22-JAN-93
43	41	C	48522	54	1		0	C	LOS ALAMOS BUILDING FACILITY, SANITARY SEWER - PROFILES		58	D	SFA-BX-4/4	23-FEB-48	22-JAN-93
43	41	C	48522	55	0		0	C	LOS ALAMOS BUILDING FACILITY, GROUP 10, SANITARY SEWERS - DETAILS		58	D	SFA-BX-4/5	23-FEB-48	22-JAN-93
43	41	C	48522	56	2		0	M	LOS ALAMOS BUIDING FAC., GROUP 10, SEWAGE LIFT STATION PLAN AND DETAILS		58	D	SFA-BX-4/6	28-FEB-48	22-JAN-93
43	41	C	48522	57	0		0	E	LOS ALAMOS BLDG., FAC., ELECTRICAL-DISTRIBUTION-PLAN AND DETAILS		58	D	SFA-BX-4/7	23-FEB-48	22-JAN-93
43	41	C	48522	58	1		0	M	LOS ALAMOS BLDG. FAC., GROUP 10, STEAM DISTRIBUTION-PLAN		58	D	SFA-BX-4/8	28-FEB-48	22-JAN-93

Drawings Report - Facilties

TA	Bldg	Pr	Drawnum	Pg	Rev	Sx	Proj	Ds	Title	DiscSht	Tot	Sz	Aedwg	Doc Date	Log Date
73	2	C	48195	1	1		0	C	SITE DETAILS GRADING, DRIVES AND UTILITIES, PLOT PLAN-INCINERATOR		20		SFA-AH-1/1	23-MAY-47	04-APR-93
73	2	C	48195	2	1		0	S	STRUCTURAL-PLANS & DEAILS		20		SFA-AH-1/2	23-MAY-47	04-APR-93
73	2	C	48195	3	1		0	A	ARCHITECTECTURAL-PLANS & ELEVATIONS		20		SFA-AH-1/3	23-MAY-47	04-APR-93
73	2	C	48195	4	0		0	A	ARCHITECTURAL DETAILS		20		SFA-AH-1/4	23-MAY-47	04-APR-93
73	2	C	48195	5	0		0	M	PLUMBING & HEATING-PLANS & DETAILS		20		SFA-AH-1/5	23-MAY-47	04-APR-93
73	2	C	48195	6	0		0	E	ELECTRICAL PLANS & DETAILS		20		SFA-AH-1/6	23-MAY-47	04-APR-93
73	2	C	48195	7	0		0	E	ELECTRICAL DISTRIBUTION		20		SFA-AH-1/7	23-MAY-47	04-APR-93
73	2	C	48195	8	0		0	UN	SHEETS 8 THRU 20 OF 20 NOT INCLUDED IN SET		20				04-APR-93
73	2	C	51626	4	1			F	LOS ALAMOS AIRPORT, FIRE PROTECTION MAPS, SITE PLAN		7	D	FM-LAA-02	24-JAN-89	21-AUG-97
73	2	C	51626	4	1			C	LOS ALAMOS AIRPORT, FIRE PROTECTION MAPS, SITE PLAN		7	D	FM-LAA-02	24-JAN-89	21-AUG-97

Appendix E – List of Salvaged "Artifacts"

The following artifacts and architectural elements were salvaged from TA-43-39 (The Los Alamos Site Office). They are curated with the Bradbury Science Museum's collections or included in ENV-EAQ's collections.

A pair of stairwell handrails

Stairwell light fixtures

Two (round) light fixtures from the building's entrance area

Original round ceiling light fixtures – from several office/dorm rooms

One hallway laundry chute cover

Miscellaneous office supplies/desktop items (staplers etc.)

Original drawer from built-it dorm room dresser

Metal men's room sign - "Gentlemen"

Room numbers from office doors

Metal paper cup dispenser from water cooler

Several Cold War era office chairs

Framed renderings of LANL building projects

VOLUME 2

Indexed Archival Photographs of Buildings TA-21-1001, TA-21-1002, TA-43-39, TA-43-41, and TA-73-2

Volume 2a - Indexed Archival Photographs of Buildings TA-21-1001 and TA-21-1002

Volume 2b - Indexed Archival Photographs of Buildings TA-43-39

Volume 2c - Indexed Archival Photographs of Buildings TA-43-41

Volume 2d - Indexed Archival Photographs of Buildings TA-73-2


Los Alamos
NATIONAL LABORATORY
EST. 1943

LA-UR-10-03659
April 2010
Volume 2a

Pillars of the Cold War: Historic Administration and Support Buildings, Los Alamos, New Mexico

Historic Building Documentation for the Department of Energy Land Conveyance and Transfer Project



Los Alamos NATIONAL LABORATORY EST. 1943

Cover photo: Remodeling work at the Los Alamos Area Office in 1955 after it was transformed from a men's dormitory to an administration building. Photo courtesy of the Los Alamos Historical Society.

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Los Alamos National Laboratory Historic Building Survey
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Technical Area 21 "DP Site"
Technical Area 21, Structure (1001)
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Notes: The Laboratory is divided into different geographic areas called technical areas (TAs) that are designated by numbers. The properties at TA-21 "DP Site" are identified using the current LANL system of placing the "TA" prefix and TA number before each building and structure number, creating a unique property identifier (i.e., TA-21-1001).

The archival photographs that follow are part of required documentation that partially fulfills the 2002 Programmatic Agreement (PA) among the U.S. Department of Energy (DOE), the Advisory Council on Historic Preservation, the New Mexico State Historic Preservation Officer (SHPO), and the Incorporated County of Los Alamos, New Mexico. This PA concerns the conveyance of certain parcels of land to Los Alamos County, New Mexico, and specifically addresses the resolution of adverse effects to five historic buildings that are eligible for inclusion in the National Register of Historic Places: TA-21-1001 (Archives Building) and TA-21-1002 (Warehouse) from the DP Road Tract, TA-43-39 (Los Alamos Site Office [LASO] Building) and TA-43-41 (Steam Plant) from the DOE Los Alamos Area Office Tract, and TA-73-2 (Airport Incinerator) from the Airport Tract.

Buildings 21-1001, 21-1002, 43-39, 43-41, and 73-2 were determined eligible for the National Register of Historic Places under Criterion A or under both Criterion A and Criterion C in correspondence submitted to the New Mexico SHPO by LASO on July 28, 2000. Initial recommendations for eligibility are contained in *Historic Building Assessment for the Department of Energy Conveyance and Transfer Project*, *Volumes 1 and 2*, Report No. 178, December 23, 1999, LA-UR-00-1003.

TA-21 Records Center and Archives Building and Warehouse Building

DP Road Tract Historical Background

The DP Road Tract is located at the western end of TA-21 in downtown Los Alamos. While administratively part of TA-21, the DP Road Tract is physically separate from the main portion of TA-21 (known as DP Site or the TA-21 Site Tract). The DP Road Tract is located east of the former Main Technical Area in downtown Los Alamos. The tract is situated south of Trinity Drive and along both sides of the western end of DP Road. Today, this section of Los Alamos is a developed commercial area characterized by mostly post–World War II construction (including warehouses; school and County administration buildings; County service, maintenance, and storage areas; and private businesses). Prior to its transfer to Los Alamos County, the DP Road

Technical Area 21 "DP Site" continued
Technical Area 21, Structure (1001)
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Tract contained the LANL Records Center and Archives building (TA-21-1001), a warehouse building housing the LANL subcontractor at the time of survey (TA-21-1002), Morgan™ sheds, a back flow building, and an old portable guard station. At one time this portion of TA-21 also contained LANL fueling facilities, a trailer park, and a playground area.

TA-21-1001 was built as a permanent concrete warehouse in 1947. In 1949, the building was formally identified as the Atomic Energy Commission (AEC) Depository and, by 1950, it was identified as the Records Service Center. TA-21-1001 is important for its role in providing administrative support to the AEC and the Laboratory. It was the Laboratory's central records repository and was the first location for the Laboratory's archives.

Los Alamos National Laboratory Historic Building Survey
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Technical Area 21 "DP Site," TA-21-1001
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL — July 6 and 8, 2005; March 31, 2006; and June 23, 2006

RB05-006-001 through RB05-006-083, RB06-005-001 through RB06-005-015, and RB06-006-001 through RB06-006-024

Photograph Number	Description
RB06-006-009	TA-21-1001, northwest side, (front), facing east.
	Northwest side of the building was photographed in 6 sections and are presented here from southwest to northeast (Sections 1 through 6).
RB06-006-001	TA-21-1001, northwest side (front), (section 1), facing southeast.
RB06-006-008	TA-21-1001, northwest side (front), (section 2), facing southeast.
RB06-006-007	TA-21-1001, northwest side (front), (section 3), main building entrance, facing southeast.
RB06-006-004	TA-21-1001, northwest side (front), (section 4), facing southeast.
RB06-006-005	TA-21-1001, northwest side (front), (section 5), facing southeast.
RB06-006-006	TA-21-1001, northwest side (front), (section 6), facing southeast.
RB06-006-010	TA-21-1001, northwest side (front), facing south southwest.
RB06-006-011	TA-21-1001, northeast side, facing southwest.
	Southeast side of the building was photographed in 8 sections and are presented here from northeast to southwest (Sections 1 through 8).
RB06-006-021	TA-21-1001, southeast side (back), facing west.

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Technical Area 21 "DP Site," TA-21-1001 continued
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL — July 6 and 8, 2005; March 31, 2006; and June 23, 2006

Photograph Number	Description
RB06-006-012	TA-21-1001, southeast side, (back), (section 1), facing northwest.
RB06-006-013	TA-21-1001, southeast side (back), (section 2), facing northwest.
RB06-006-014	TA-21-1001, southeast side (back), (section 3), facing northwest.
RB06-006-015	TA-21-1001, southeast side (back), (section 4), facing northwest.
RB06-006-016	TA-21-1001, southeast side (back), (section 5), facing northwest.
RB06-006-017	TA-21-1001, southeast side (back), (section 6), facing northwest.
RB06-006-018	TA-21-1001, southeast side (back), (section 7), facing northwest.
RB06-006-019	TA-21-1001, southeast side (back), (section 8), facing northwest.
RB06-006-020	TA-21-1001, southeast side (back), facing northeast.
RB06-006-022	TA-21-1001, southwest side, facing northeast.
RB05-006-001	TA-21-1001, Bay A, space saving shelving, facing northeast.
RB05-006-002	TA-21-1001, Bay A, space saving shelving, facing southwest.
RB05-006-007	TA-21-1001, Bay A, space saving shelving, looking into room 100 "vault" at rear and original windows, facing southeast.
RB05-006-006	TA-21-1001, Bay A, room 100 "vault," facing southeast.

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Technical Area 21 "DP Site," TA-21-1001 continued
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL — July 6 and 8, 2005; March 31, 2006; and June 23, 2006

Photograph Number	Description
RB05-006-004	TA-21-1001, Bay A, room 100 "vault," south row, facing northeast.
RB05-006-005	TA-21-1001, Bay A, room 100 "vault," north row, facing northeast.
RB05-006-008	TA-21-1001, Bay A, room 100C, office space, facing north.
RB05-006-009	TA-21-1001, Bay B, original 1947 shelving, facing southwest.
RB05-006-010	TA-21-1001, Bay B, original 1947 shelving, facing south.
RB05-006-011	TA-21-1001, Bay B, original 1947 shelving, facing southeast.
RB05-006-012	TA-21-1001, Bay B, original 1947 shelving, facing east.
RB05-006-013	TA-21-1001, Bay B, fire door, looking into Bay C, original shelving, facing south.
RB05-006-014	TA-21-1001, Bay C, original 1947 shelving, facing southeast.
RB05-006-015	TA-21-1001, Bay C, original 1947 shelving, facing northeast.
RB05-006-016	TA-21-1001, Bay D, room 107, office space, original interior windows, facing west.
RB05-006-017	TA-21-1001, Bay D, room 107, office space, facing east.
RB05-006-019	TA-21-1001, Bay D, open common work area, doorways into offices in rear of photo, facing east.

Los Alamos National Laboratory Historic Building Survey
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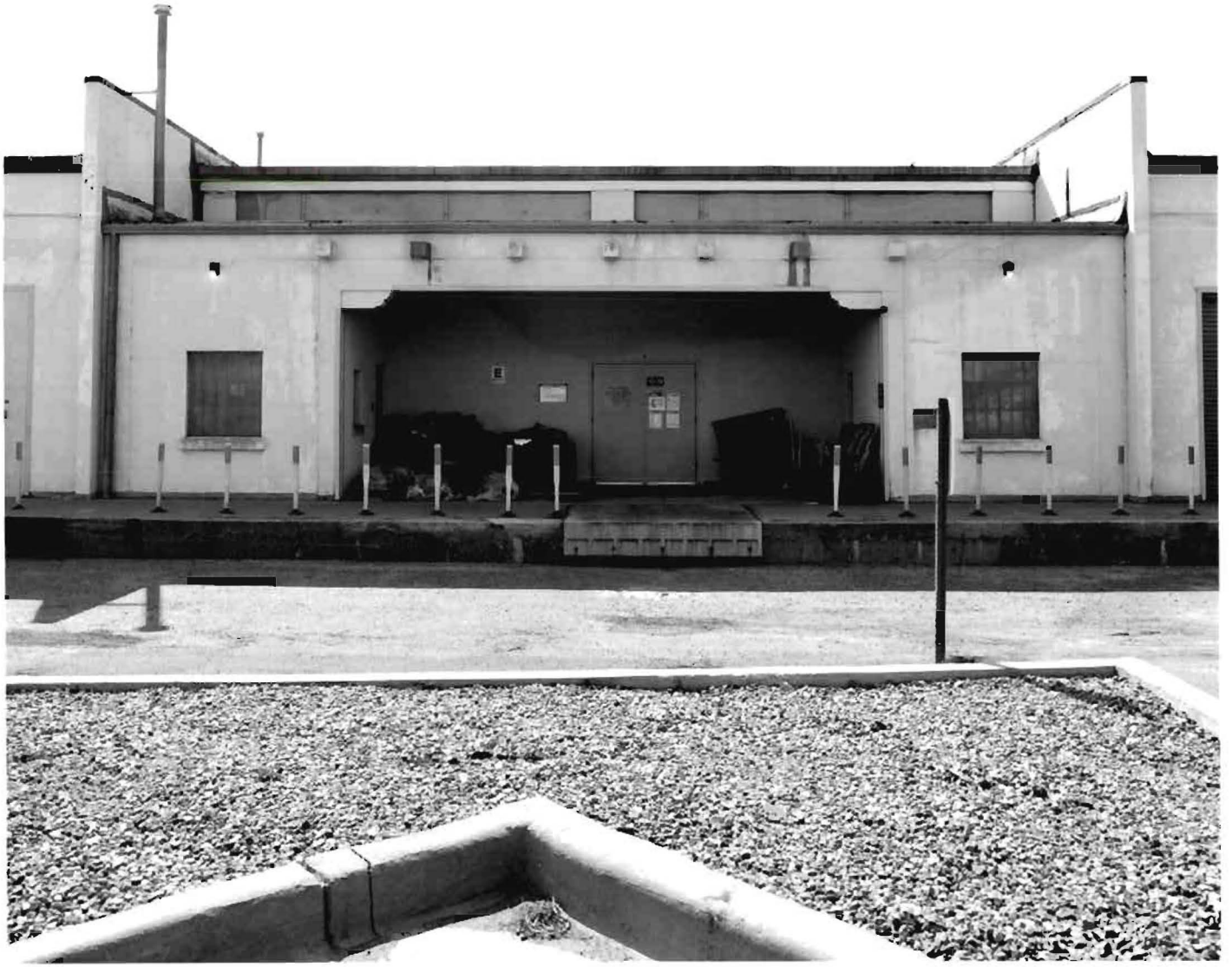
Technical Area 21 "DP Site," TA-21-1001 continued
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL — July 6 and 8, 2005; March 31, 2006; and June 23, 2006

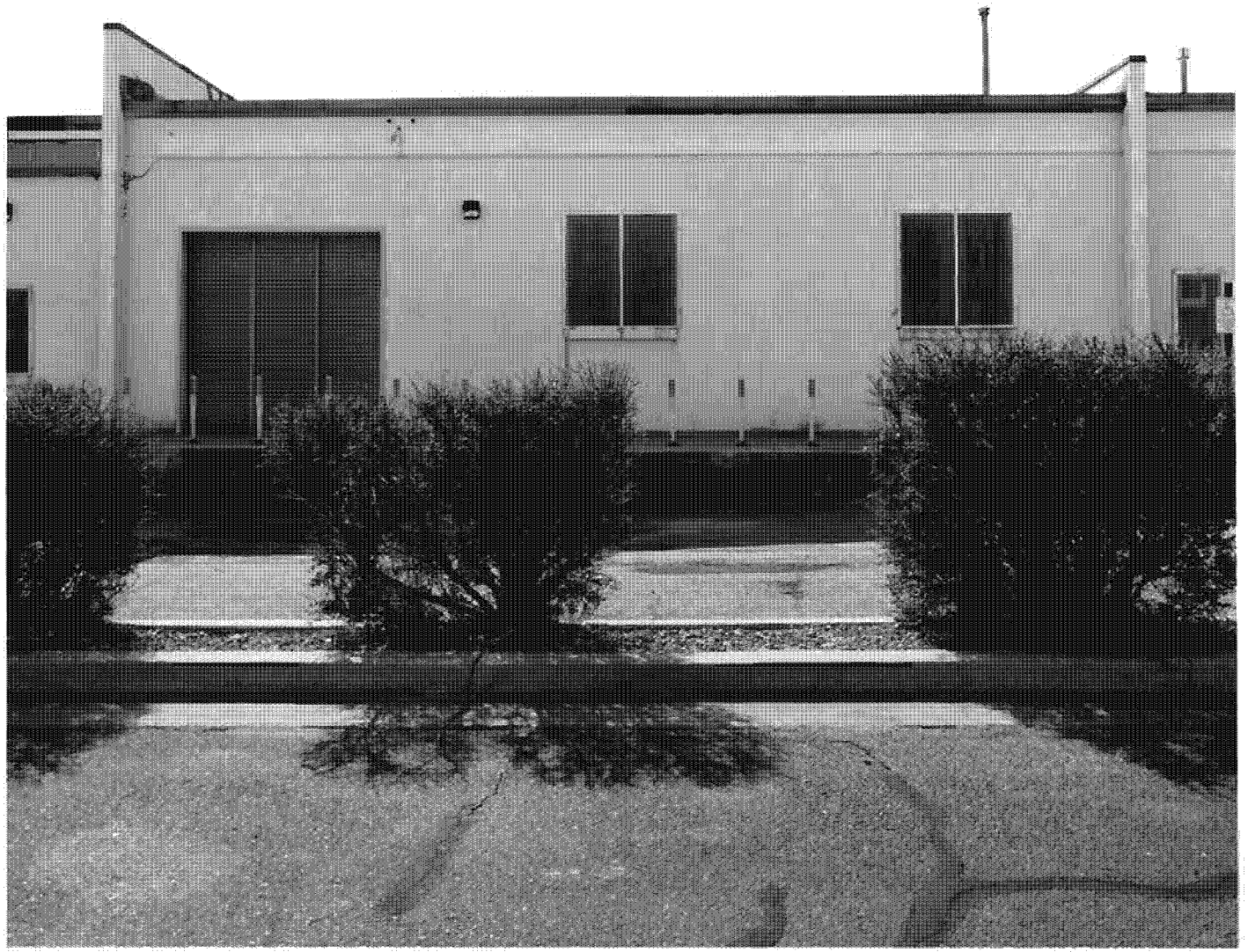
Photograph Number	Description
RB05-006-020	TA-21-1001, Bay D, open common work and lunch area, looking towards Bay C, facing north.
RB05-006-021	TA-21-1001, Bay D, open common work and lunch area, looking into Bay E, facing southwest.
RB05-006-022	TA-21-1001, Bay E, open shelving, facing southwest.
RB05-006-023	TA-21-1001, Bay E, open shelving, facing southeast.
RB05-006-024	TA-21-1001, Bay E, open shelving, original windows, facing southeast.
RB05-006-025	TA-21-1001, Bay F, open shelving, facing south southeast.







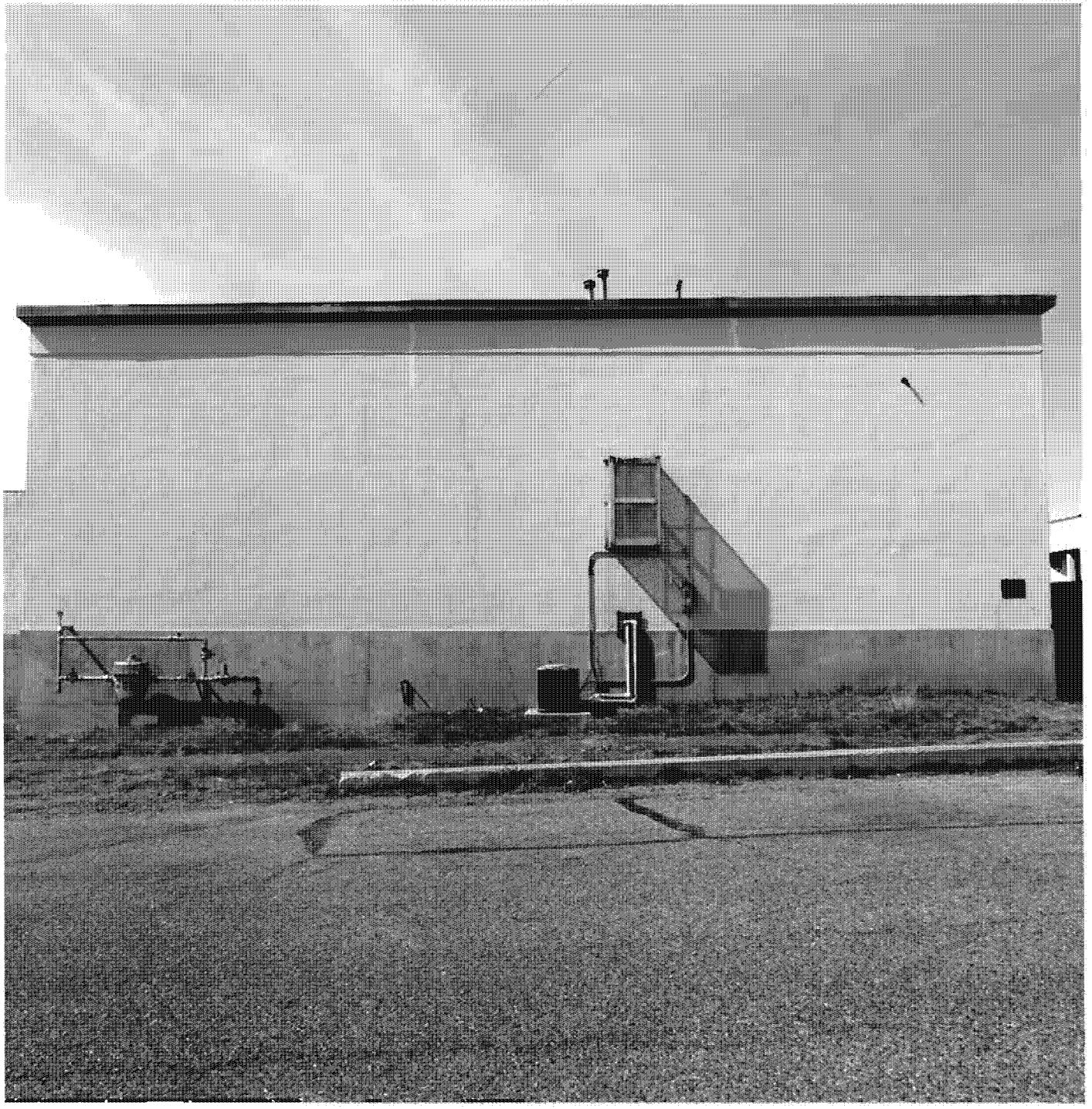


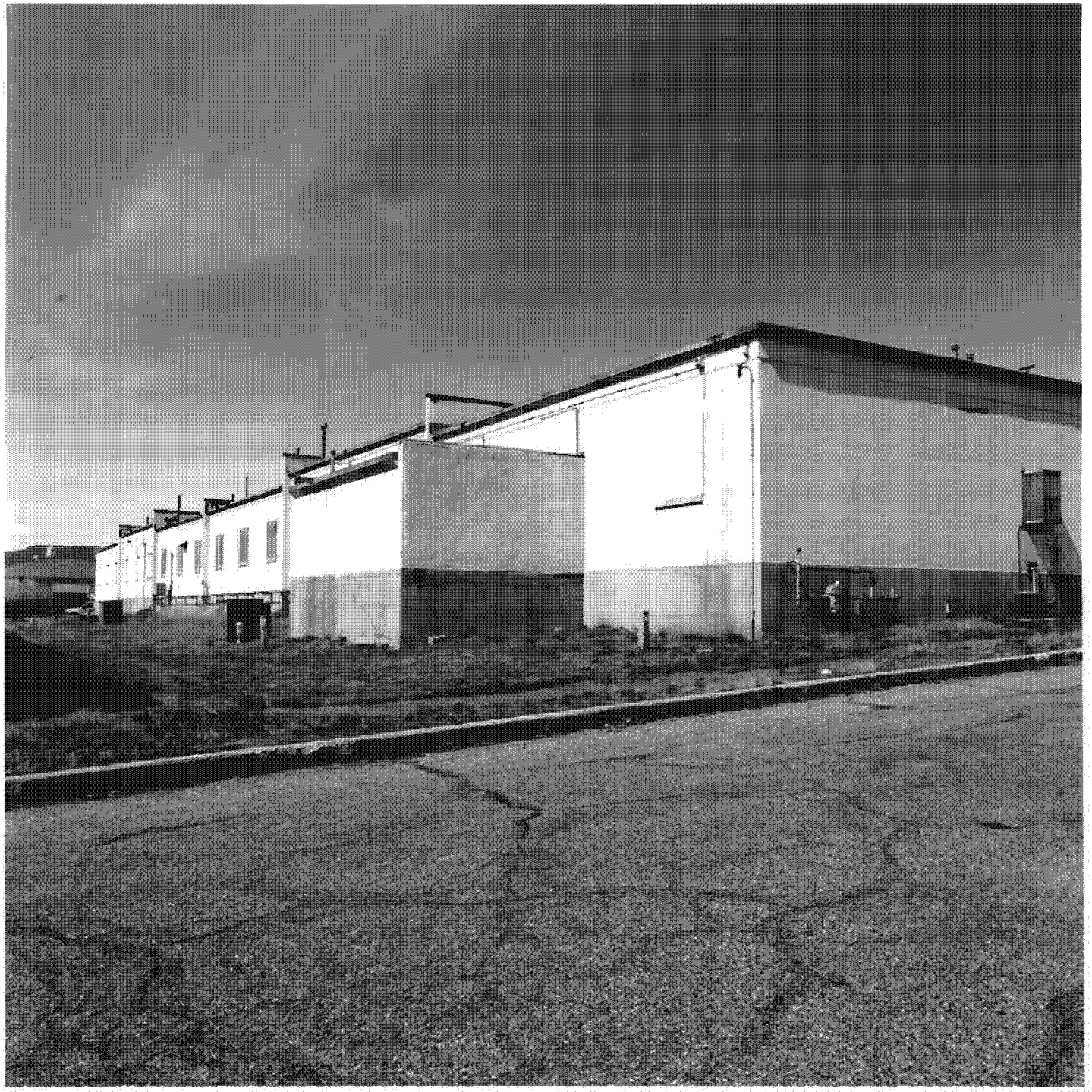







21-1001



























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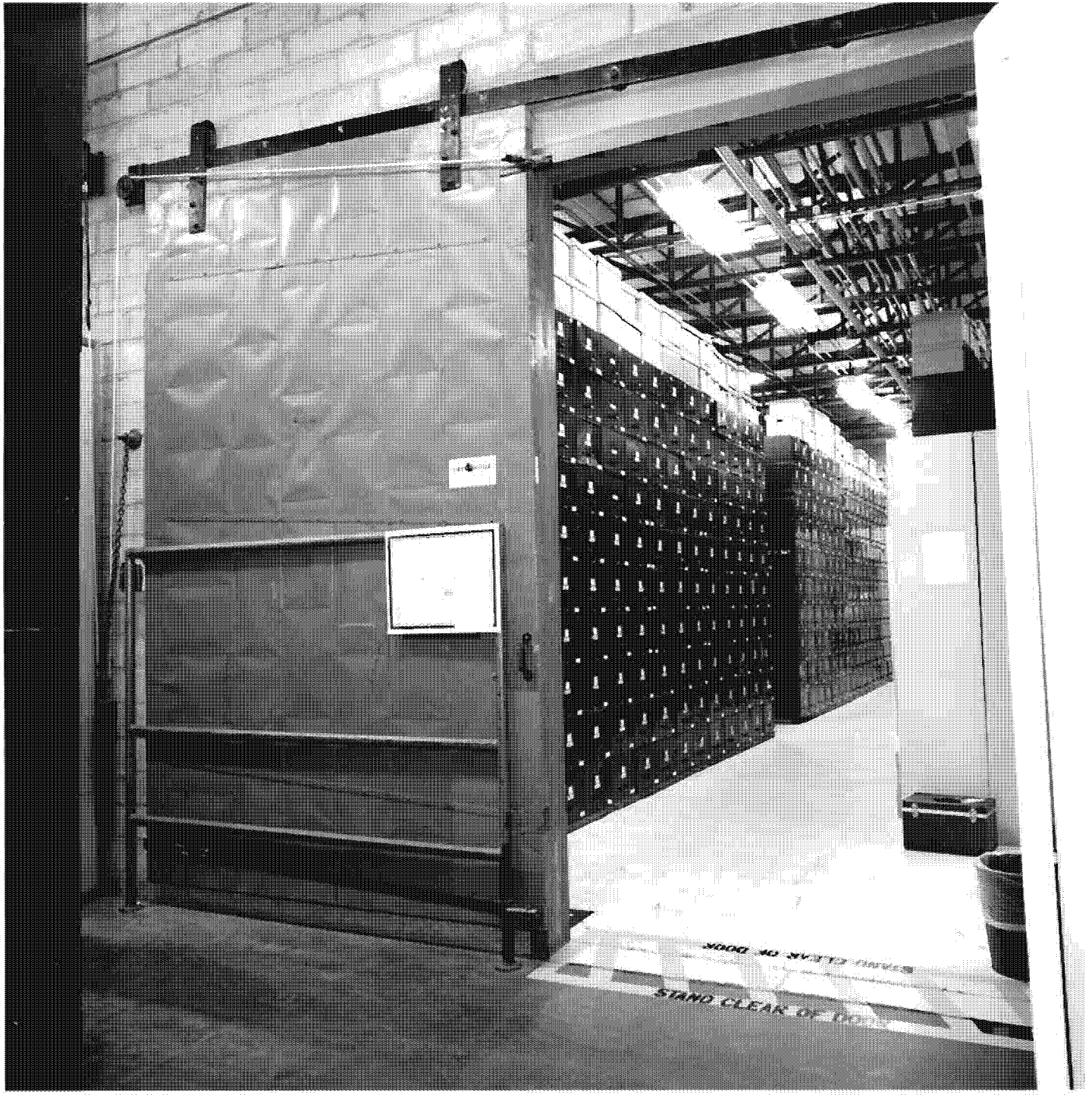


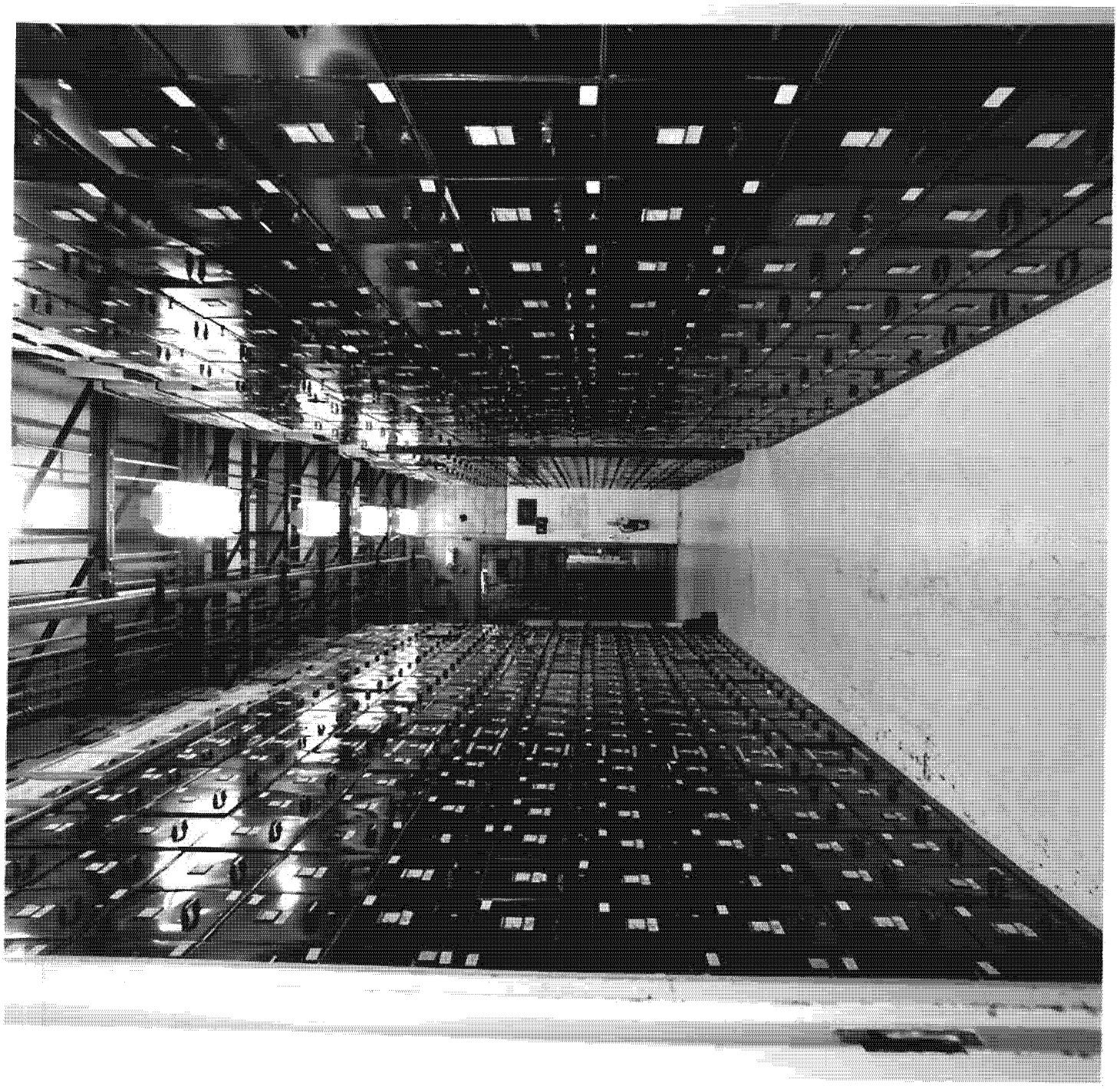



B - BAY
ROW - 2
ROW - 3


B



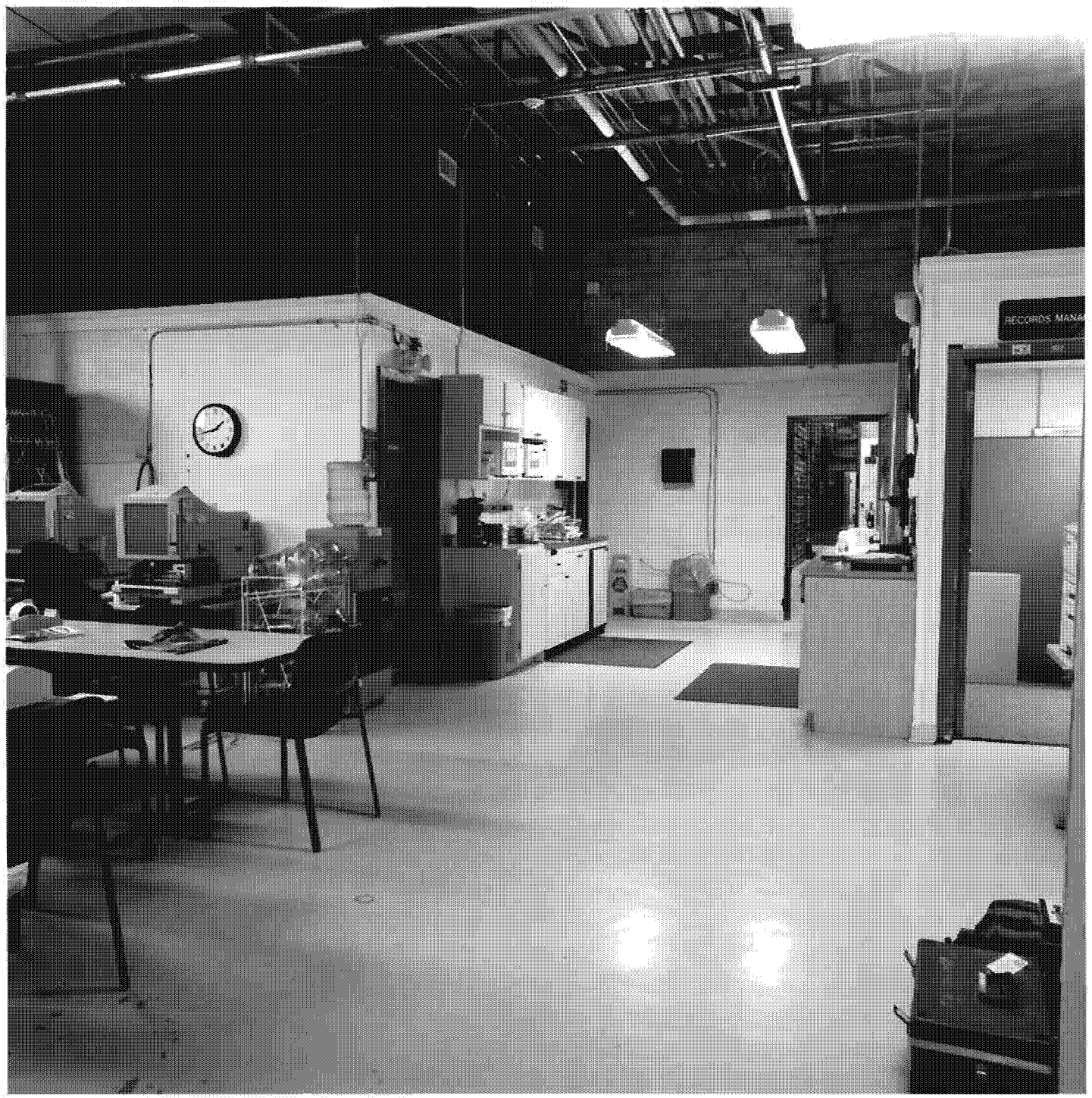

STAND CLEAR OF DOOR










RECORDS MANA








F - BAY
ROW - 24
ROW - 25

Los Alamos National Laboratory Historic Building Survey
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Technical Area 21 "DP Site"
Technical Area 21, Structure (1002)
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

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Technical Area 21 "DP Site" continued
Technical Area 21, Structure (1002)
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

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TA-21-1002, built in 1947 during Los Alamos's transition from a WWII project to a Cold War Atomic Energy Commission facility, functioned as a warehouse-type building throughout its fifty-year-plus lifetime. In addition to its use as a warehouse, portions of the building were used for a welding school, a metal shop, an electric line shop, and other utility shops. The building is significant for its continuous support of general Laboratory operations.

Los Alamos National Laboratory Historic Building Survey
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Technical Area 21 "DP Site," TA-21-1002
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL — July 6 and 8, 2005; March 31, 2006; and June 23, 2006

RB05-006-001 through RB05-006-083, RB06-005-001 through RB06-005-015, and RB06-006-001 through RB06-006-024

Photograph Number	Description
	Southeast side of the building was photographed in 5 sections and are presented here from southwest to northeast (Sections 1 through 5).
RB06-005-001	TA-21-1002, southeast side (front), section 1, facing northwest.
RB06-005-002	TA-21-1002, southeast side (front), section 2, facing northwest.
RB06-005-003	TA-21-1002, southeast side (front), section 3, facing northwest.
RB06-005-004	TA-21-1002, southeast side (front), section 4, facing northwest.
RB06-005-005	TA-21-1002, southeast side (front), section 5, facing northwest.
RB06-005-006	TA-21-1002, northeast side, facing southwest.
	Northwest side of the building was photographed in 8 sections and are presented here from northeast to southwest (Sections 1 through 8).
RB06-005-007	TA-21-1002, northwest side (back), section 1, facing southeast.
RB06-005-008	TA-21-1002, northwest side (back), section 2, facing southeast.
RB06-005-009	TA-21-1002, northwest side (back), section 3, facing southeast.
RB06-005-010	TA-21-1002, northwest side (back), section 4, facing southeast.
RB06-005-011	TA-21-1002, northwest side (back), section 5, facing southeast.

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Technical Area 21 "DP Site," TA-21-1002 continued
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Los Alamos
Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL — July 6 and 8, 2005; March 31, 2006; and June 23, 2006

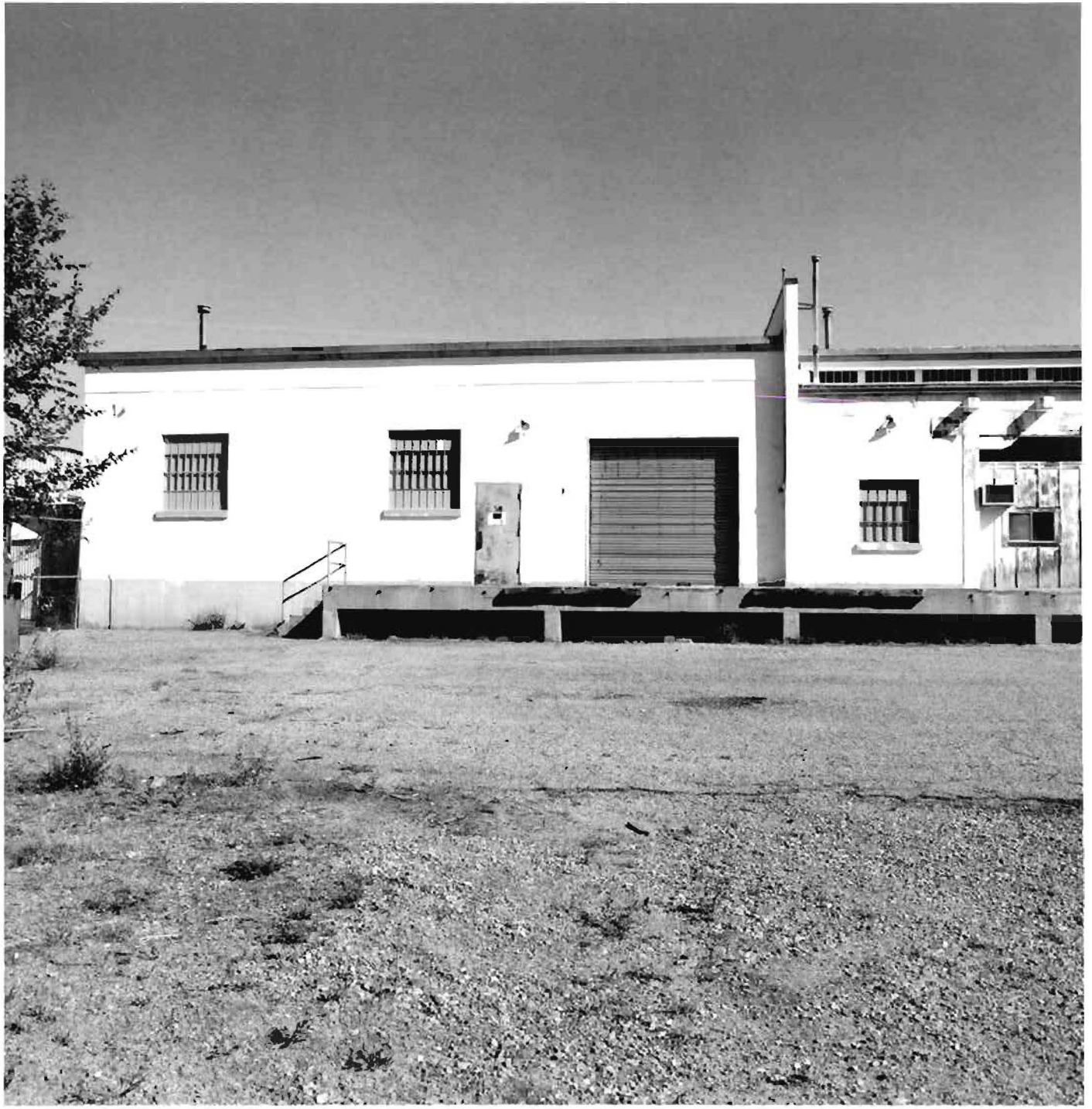
Photograph Number	Description
RB06-005-012	TA-21-1002, northwest side (back), section 6, facing southeast.
RB06-005-013	TA-21-1002, northwest side (back), section 7, facing southeast.
RB06-005-014	TA-21-1002, northwest side (back), section 8, facing southeast.
RB06-005-015	TA-21-1002, southwest side, facing northeast.
RB05-006-049	TA-21-1002, Bay A, LANL welding school, facing north.
RB05-006-050	TA-21-1002, Bay A, LANL welding school, facing west northwest.
RB05-006-051	TA-21-1002, Bay A, room 101A office space, facing east northeast.
RB05-006-040	TA-21-1002, Bay B, open work space and lockers, office space on mezzanine, facing west.
RB05-006-041	TA-21-1002, Bay B, open work space, lunch table, and lockers, facing north.
RB05-006-042	TA-21-1002, Bay B, looking towards office room and entrance into this bay, facing east southeast.
RB05-006-039	TA-21-1002, Bay B, office space, facing east.
RB05-006-036	TA-21-1002, Bay C west half, records room, facing west northwest.
RB05-006-037	TA-21-1002, Bay C east half, carpet storage, facing west northwest.
RB05-006-038	TA-21-1002, Bay C east half, carpet storage, facing south.

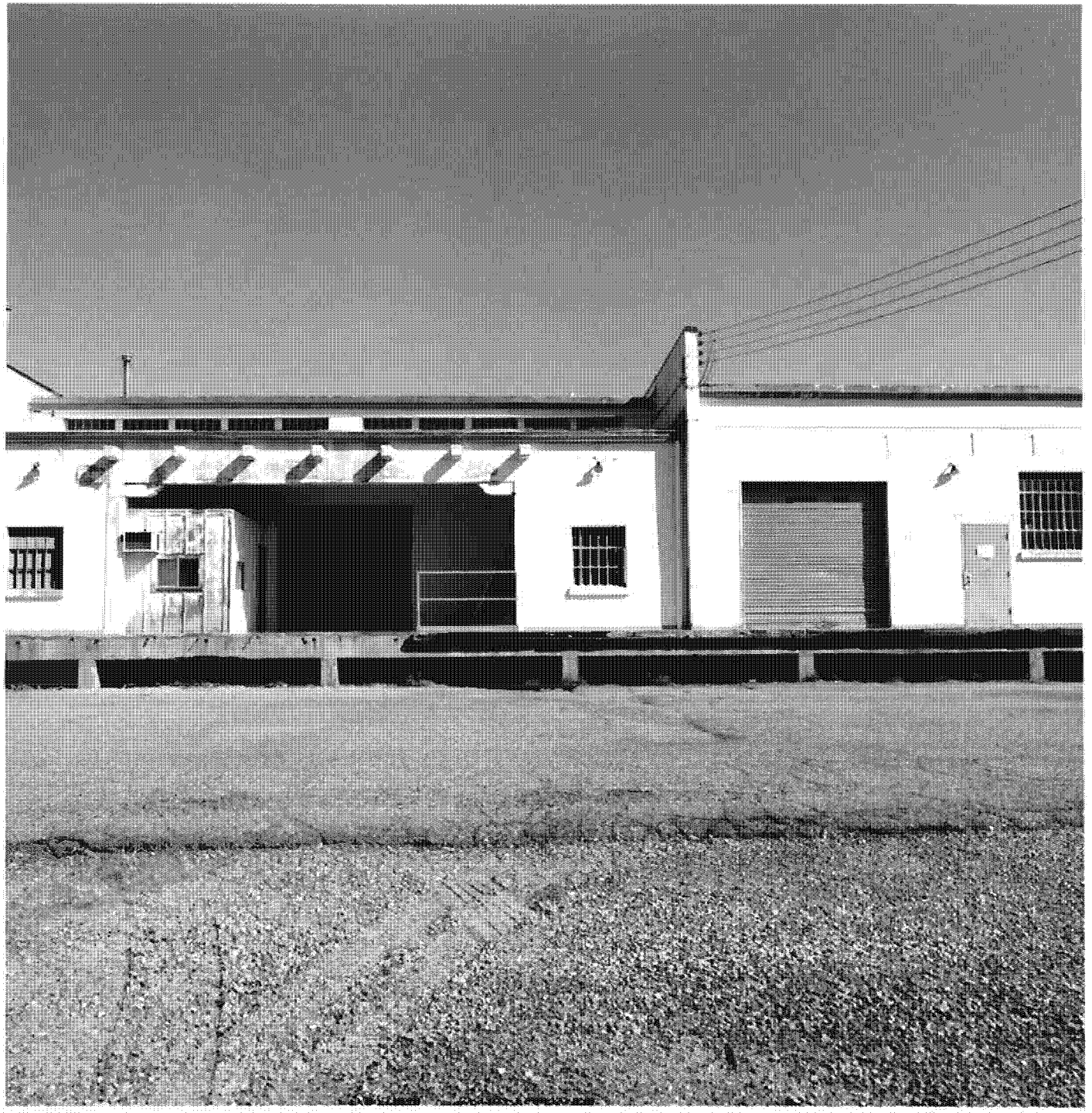
Los Alamos National Laboratory Historic Building Survey
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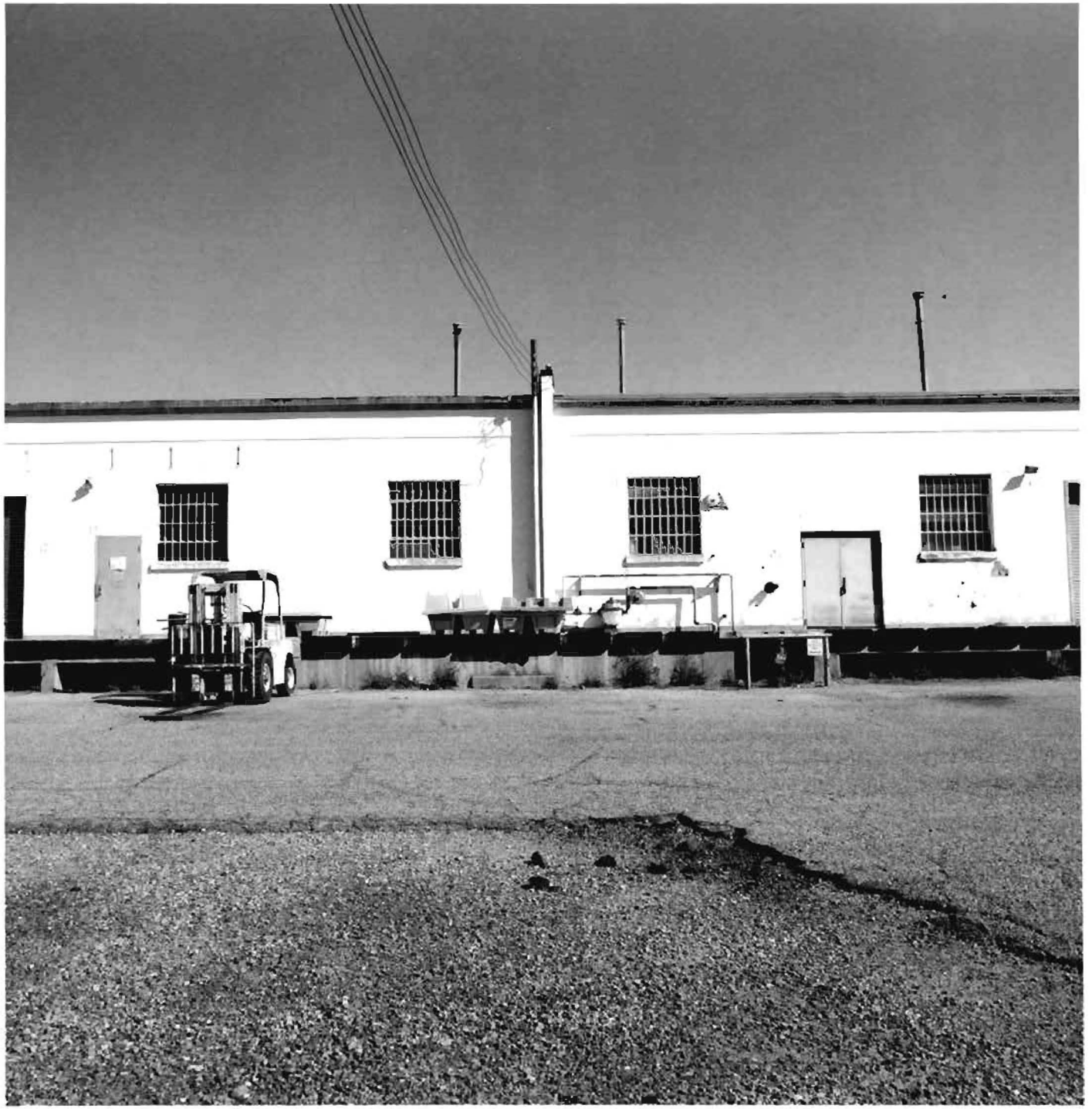
Technical Area 21 "DP Site," TA-21-1002 continued
Los Alamos National Laboratory (LANL)
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Los Alamos County
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Mike O'Keefe, Photographer, IRM-RMMSO, LANL — July 6 and 8, 2005; March 31, 2006; and June 23, 2006

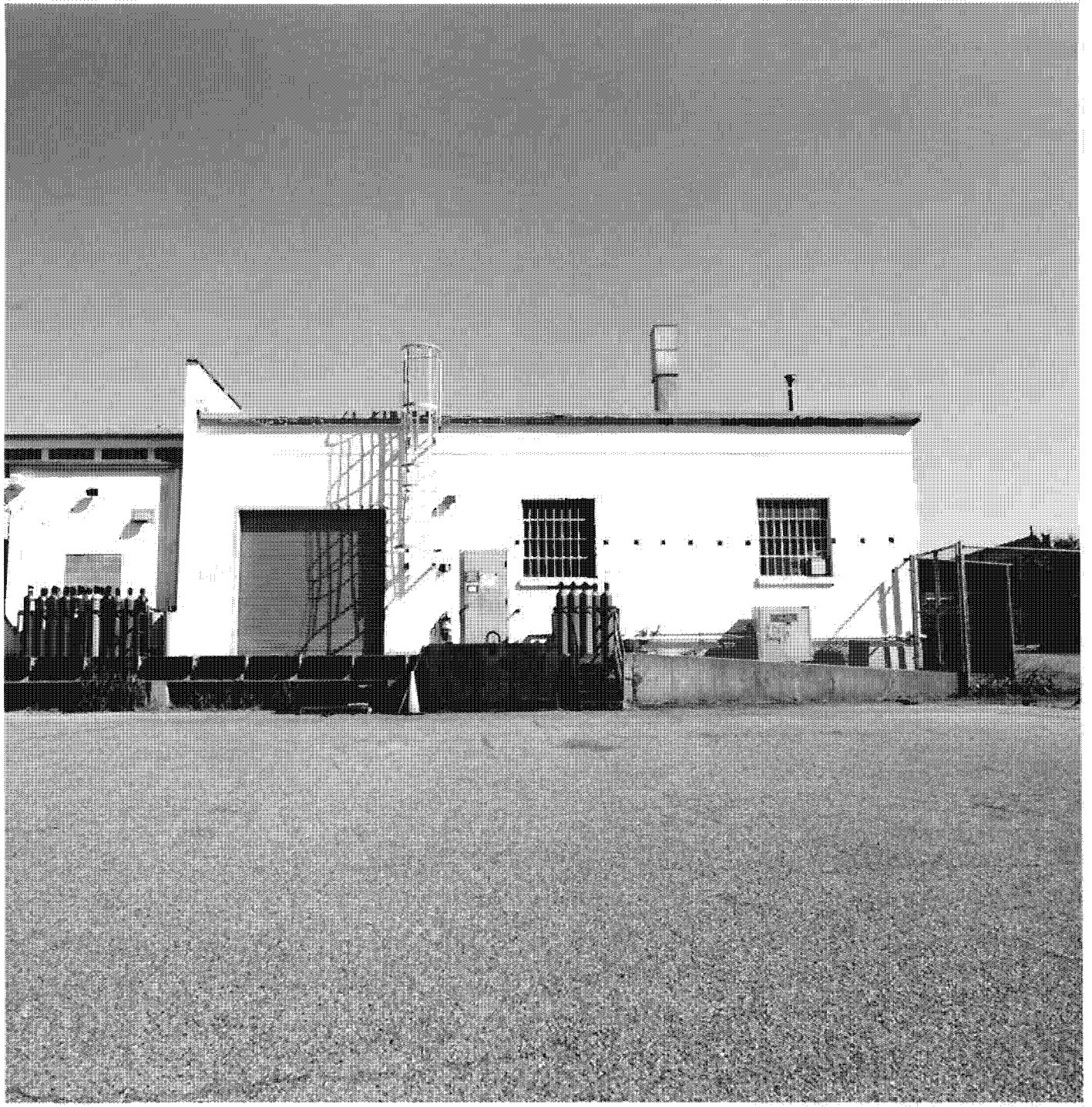
Photograph Number	Description
RB05-006-034	TA-21-1002, Bay D, facing northwest.
RB05-006-035	TA-21-1002, Bay D, inside rooms added with sheet rock walls on south side of bay, facing northeast.
RB05-006-029	TA-21-1002, Bay E, looking into Bay D, facing north.
RB05-006-031	TA-21-1002, Bay E, facing west.
RB05-006-033	TA-21-1002, Bay E, looking at fire door into Bay F, facing southwest.
RB05-006-032	TA-21-1002, Bay E, environmental chamber, facing northwest.
RB05-006-027	TA-21-1002, Bay G (original designation Bay F), open work area, facing east.
RB05-006-028	TA-21-1002, Bay G (original designation Bay F), open shelving, facing west.
RB05-006-026	TA-21-1002, Bay G (original designation Bay F), open shelving, facing northwest.

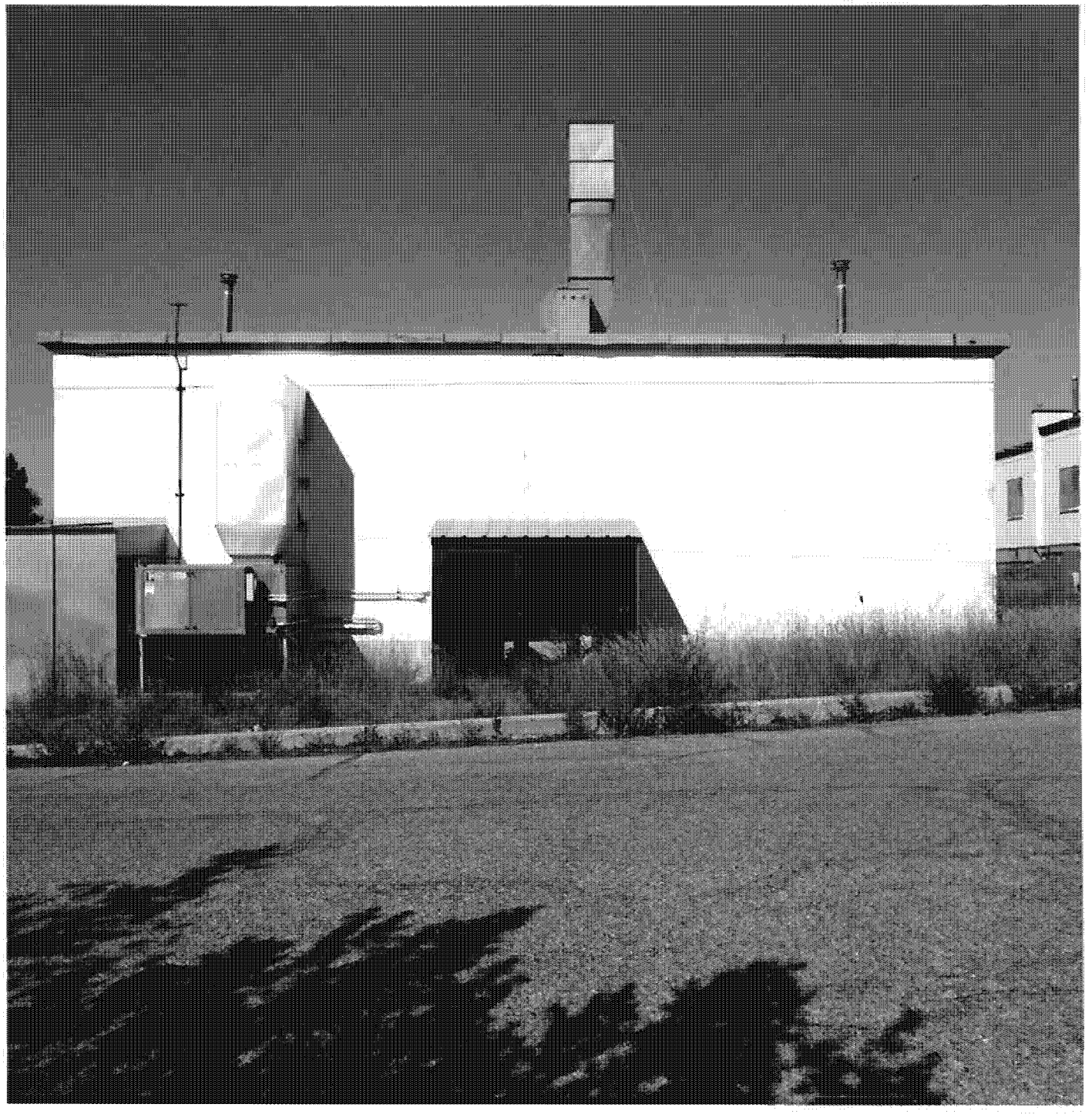


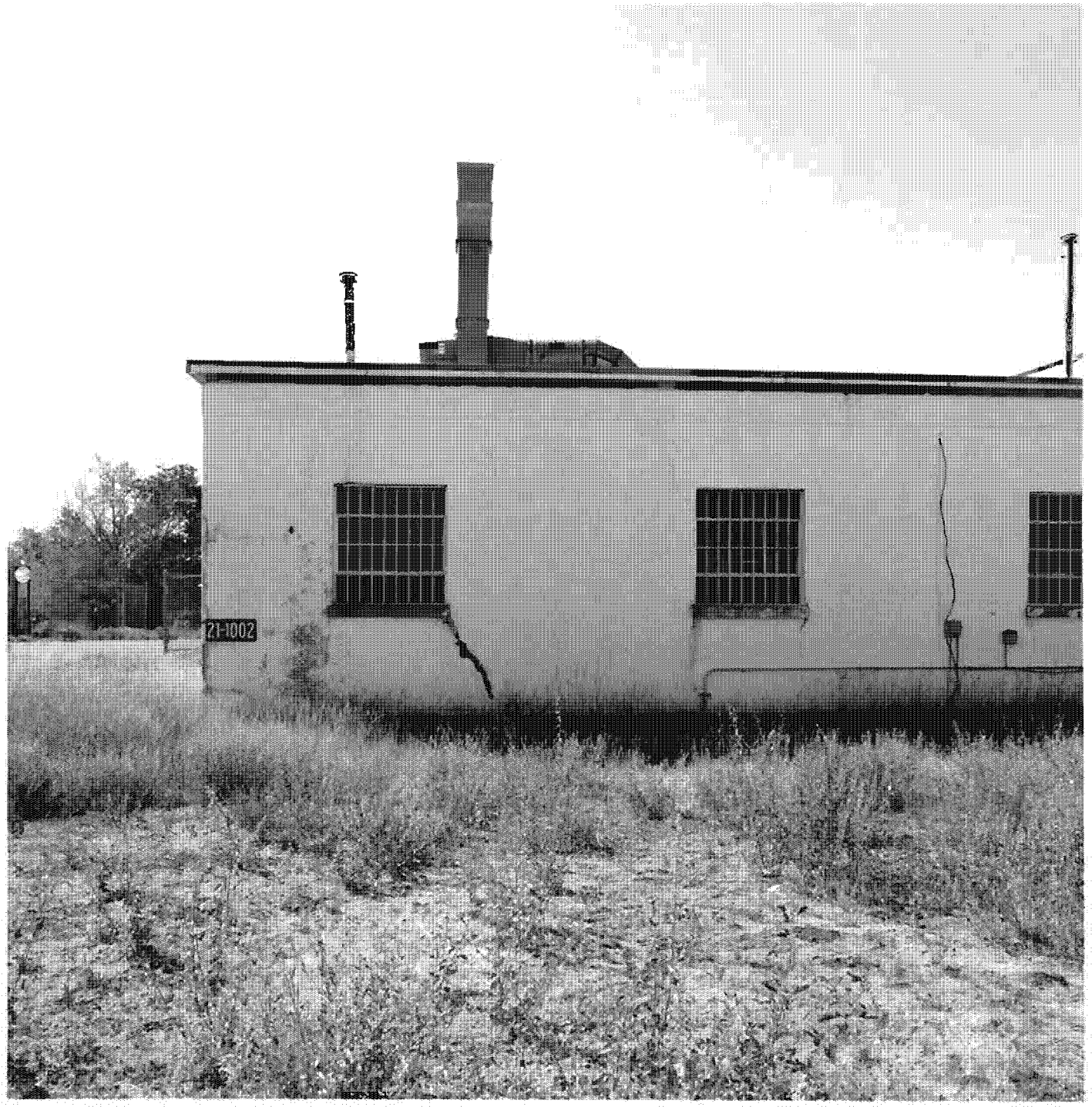











21-1002







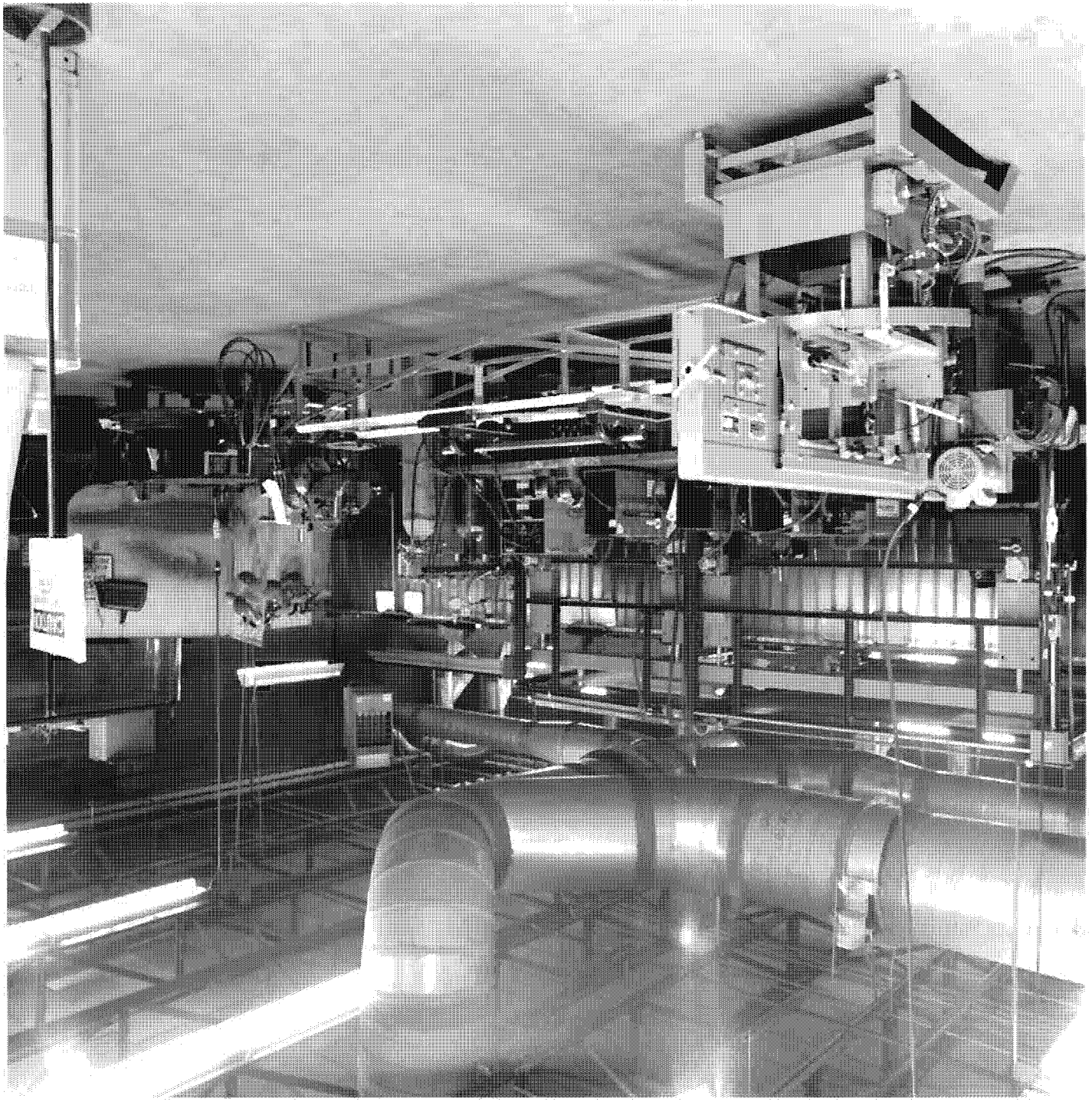


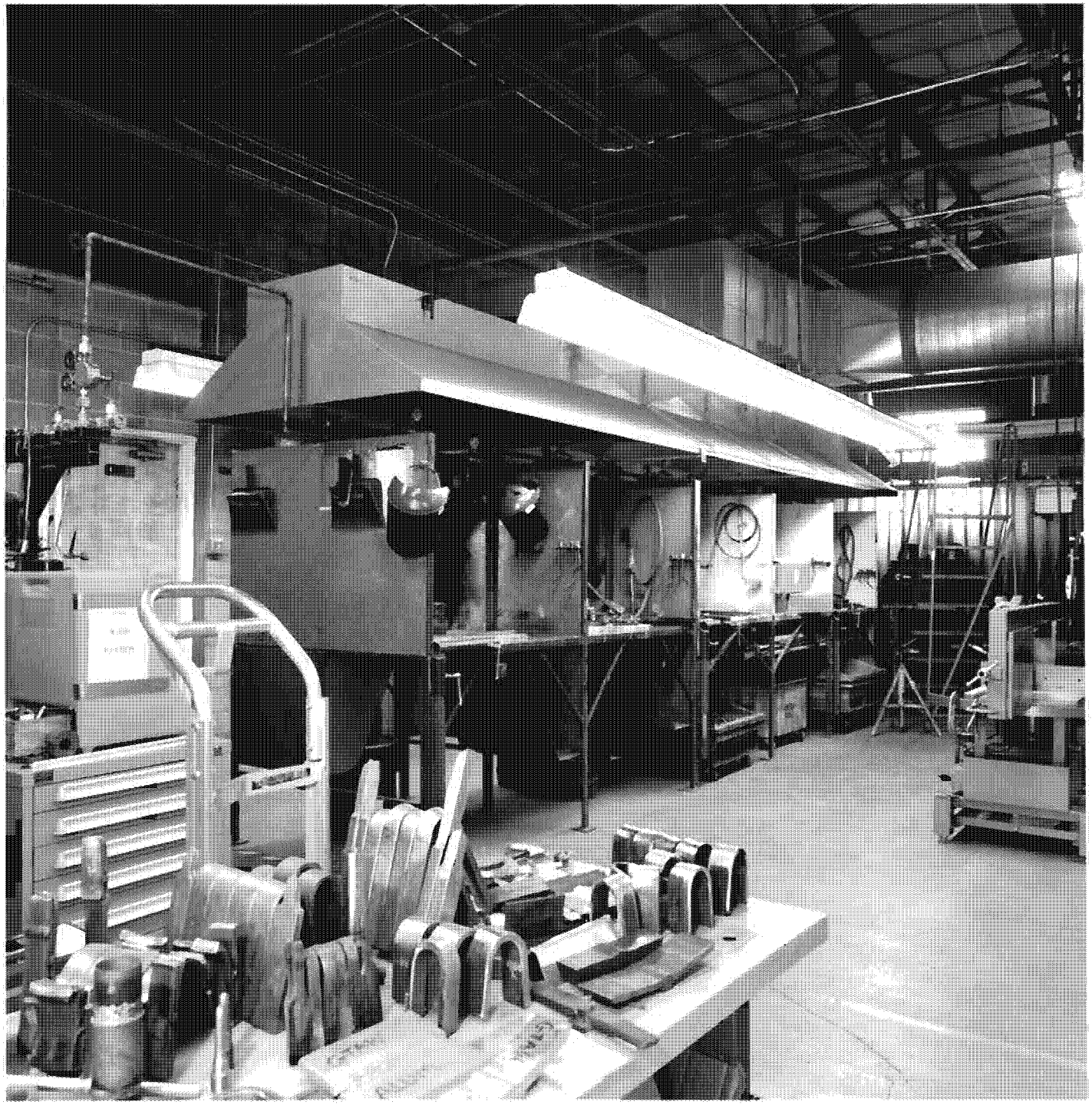














AWP-24




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G-BAY ROW 5
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LA-UR-10-03659
April 2010
Volume 2b

Pillars of the Cold War: Historic Administration and Support Buildings, Los Alamos, New Mexico

Historic Building Documentation for the Department of Energy Land Conveyance and Transfer Project



Los Alamos
NATIONAL LABORATORY
EST. 1943

Cover photo: Remodeling work at the Los Alamos Area Office in 1955 after it was transformed from a men's dormitory to an administration building. Photo courtesy of the Los Alamos Historical Society.

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Los Alamos National Laboratory Historic Building Survey
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Technical Area 43 "Medical Research Laboratory Site"
Technical Area 43, Structure 39
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Notes: The Laboratory is divided into different geographic areas called technical areas (TAs) that are designated by numbers. The properties at TA-43 "Medical Research Laboratory Site" are identified using the current LANL system of placing the "TA" prefix and TA number before each building and structure number, creating a unique property identifier (i.e., TA-43-39).

The archival photographs that follow are part of required documentation that partially fulfills the 2002 Programmatic Agreement (PA) among the U.S. Department of Energy (DOE), the Advisory Council on Historic Preservation, the New Mexico State Historic Preservation Officer (SHPO), and the Incorporated County of Los Alamos, New Mexico. This PA concerns the conveyance of certain parcels of land to Los Alamos County, New Mexico, and specifically addresses the resolution of adverse effects to five historic buildings that are eligible for inclusion in the National Register of Historic Places: TA-21-1001 (Archives Building) and TA-21-1002 (Warehouse) from the DP Road Tract, TA-43-39 (Los Alamos Site Office [LASO] Building) and TA-43-41 (Steam Plant) from the DOE Los Alamos Area Office (LAAO) Tract, and TA-73-2 (Airport Incinerator) from the Airport Tract.

Buildings 21-1001, 21-1002, 43-39, 43-41, and 73-2 were determined eligible for the National Register of Historic Places under Criterion A or under both Criterion A and Criterion C in correspondence submitted to the New Mexico SHPO by LASO on July 28, 2000. Initial recommendations for eligibility are contained in *Historic Building Assessment for the Department of Energy Conveyance and Transfer Project*, *Volumes 1 and 2*, Report No. 178, December 23, 1999, LA-UR-00-1003.

TA-43 Los Alamos Site Office Administration Building and Steam Plant

DOE Los Alamos Area Office Tract Historical Background

The DOE LAAO Tract is located in TA-43. Prior to its transfer to Los Alamos County, this tract contained the DOE LASO [formerly LAAO] Building (TA-43-39), an abandoned steam plant (TA-43-41), the remains of a former pump house, a small wooden shed for lawn maintenance equipment, and horseshoe pits.

The LASO Building (TA-43-39) was completed in 1949 as a dormitory for Laboratory security personnel. The building later housed the Los Alamos offices of the various federal agencies that have had responsibility for overseeing the operations of the Laboratory. These agencies included the Atomic Energy Commission, Energy Research Development Administration, the DOE,

Technical Area 43 “Medical Research Laboratory Site” continued
Technical Area 43, Structure (39)
Los Alamos National Laboratory (LANL)
Los Alamos
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and the current agency overseeing the Laboratory, the DOE’s National Nuclear Security Administration.

Los Alamos National Laboratory Historic Building Survey
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Technical Area 43 "Medical Research Laboratory Site," TA-43-39
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL October 26, 2006; October 11, 15, and 18, 2007, November 13, 2007, and December 17, 2007

RB07-009-001 through RB07-009-019 and RB07-015-001 through RB07-015-079

Photograph Number	Description
RB07-015-017	TA-43-39, southeast side (front), facing west.
	Southeast side of the building was photographed in 5 sections and are presented here from northeast to southwest (Sections 1 through 5).
RB07-015-001	TA-43-39, southeast side (front), (section 1), northeast end, facing northwest.
RB07-015-002	TA-43-39, southeast side (front), (section2), facing northwest.
RB07-015-003	TA-43-39, southeast side (front), (section 3), main entrance into building, facing northwest.
RB07-015-004	TA-43-39, southeast side (front), (section 4), facing northwest.
RB07-015-005	TA-43-39, southeast side (front), (section 5), southwest end, facing west.
RB07-015-006	TA-43-39, southwest side, facing northeast.
	Northwest side of the building along with the southwest and northeast sides of the central northwest trending wing were photographed in 8 sections and are presented here from southwest to northeast (Sections 1 through 8).
RB07-015-007	TA-43-39, northwest side (back), (section 1), southwest end, facing southeast.
RB07-015-008	TA-43-39, northwest side (back), (section 2), facing southeast.

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Technical Area 43 "Medical Research Laboratory Site," TA-43-39 continued
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL October 26, 2006; October 11, 15, and 18, 2007, November 13, 2007, and December 17, 2007

Photograph Number	Description
RB07-015-009	TA-43-39, northwest side (back), (section 3), facing southeast.
RB07-015-010	TA-43-39, southwest side of northwest wing, southeast section, (section 4), facing northeast.
RB07-015-011	TA-43-39, southwest side of northwest wing, northwest section, (section 5), facing northeast.
RB07-015-012	TA-43-39, northwest side of northwest wing (back), (section 6), facing southeast.
RB07-015-014	TA-43-39, northeast side of northwest wing (section 7), facing southwest.
RB07-015-013	TA-43-39, northwest side (back), (section 8), northeast end, facing southeast.
RB07-015-016	TA-43-39, northeast side, facing southwest.
RB07-015-026	TA-43-39, 1st floor, building entrance hallway/lobby, room 100, facing northwest.
RB07-015-024	TA-43-39, 1st floor east wing hallway, room 100B, taken from entrance lobby, facing southwest.
RB07-015-025	TA-43-39, 1st floor west wing hallway, room 100C, taken from entrance lobby, facing northeast.
RB07-015-056	TA-43-39, 1st floor, room 101A, office, curved corner and original light fixtures, facing south.
RB07-015-035	TA-43-39, 1st floor, room 104, office, original light fixtures, facing west.

Los Alamos National Laboratory Historic Building Survey
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Technical Area 43 "Medical Research Laboratory Site," TA-43-39 continued
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL October 26, 2006; October 11, 15, and 18, 2007, November 13, 2007, and December 17, 2007

Photograph Number	Description
RB07-015-036	TA-43-39, 1st floor, room 104, office, door into room 106, facing northeast.
RB07-015-058	TA-43-39, 1st floor, room 110, multi-office space, looking down east wing hallway (room 100C), facing southwest.
RB07-015-059	TA-43-39, 1st floor, room 110, multi-office space, facing east northeast.
RB07-015-057	TA-43-39, 1st floor, room 110A, office, facing north.
RB07-015-040	TA-43-39, 1st floor, room 121, office, original floor tiles, facing east.
RB07-015-041	TA-43-39, 1st floor, room 121, office, original light fixtures, facing east.
RB07-015-060	TA-43-39, 1st floor, room 124, facing north.
RB07-015-054	TA-43-39, 1st floor, room 128 (southeast conference room), looking into room 129 (northwest conference room), facing northwest.
RB07-015-055	TA-43-39, 1st floor, room 128 (southeast conference room), looking towards room entrance, facing south.
RB07-015-049	TA-43-39, 1st floor, room 129 (northwest conference room), looking into room 128 (southeast conference room), facing east southeast.
RB07-015-051	TA-43-39, 1st floor, room 129 (northwest conference room), facing northeast.
RB07-015-052	TA-43-39, 1st floor, room 129 (northwest conference room), facing northwest.

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Technical Area 43 "Medical Research Laboratory Site," TA-43-39 continued
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL October 26, 2006; October 11, 15, and 18, 2007, November 13, 2007, and December 17, 2007

Photograph Number	Description
RB07-015-053	TA-43-39, 1st floor, room 129 (northwest conference room), facing west northwest.
RB07-015-048	TA-43-39, 1st floor, room 129A, current kitchen area, facing southwest.
RB07-015-027	TA-43-39, 1st floor, entrance lobby, room 100, original light fixtures, facing southeast.
RB07-015-028	TA-43-39, 1st floor, entrance lobby, room 100, original light fixture close-up, facing southeast.
RB07-015-037	TA-43-39, 1st floor, entrance lobby, room 100, original light fixture close-up, facing northwest.
RB07-015-038	TA-43-39, 1st floor, northeast wing hallway, room 100B, original light fixture with embossed arrow, close-up, facing south.
RB07-015-029	TA-43-39, 1st floor, entrance lobby, room 100, original northeast side radiator, facing northeast.
RB07-015-030	TA-43-39, 1st floor, southwest wing hallway, room 100C, original "cable chase," facing south southwest.
RB07-015-032	TA-43-39, 1st floor, southwest wing stairwell, stairwell 1, original handrail, facing northwest.
RB07-015-079	TA-43-39, 1st floor, northeast wing stairwell, stairwell 3, original light fixture, facing south.

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Technical Area 43 "Medical Research Laboratory Site," TA-43-39 continued
Los Alamos National Laboratory (LANL)
Los Alamos
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Mike O'Keefe, Photographer, IRM-RMMSO, LANL October 26, 2006; October 11, 15, and 18, 2007, November 13, 2007, and December 17, 2007

Photograph Number	Description
RB07-015-073	TA-43-39, 1st floor northeast wing stairwell, stairwell 3, original light fixture, facing east.
RB07-015-031	TA-43-39, 1st floor, room 100ME, original "Gentlemen" door sign, facing northwest.
RB07-015-039	TA-43-39, 1st floor, room 100W, original shower floor drain, facing north.
RB07-015-042	TA-43-39, 1st floor, room 100LA, original laundry chute terminus on 1st floor southwest wing, room currently used as custodian closet, facing north.
RB07-009-011	TA-43-39, 2nd floor southwest wing hallway, room 200D, facing northeast.
RB07-009-012	TA-43-39, 2nd floor northeast wing hallway, room 200E, facing southwest.
RB07-015-023	TA-43-39, 2nd floor central stairwell, stairwell 2, original handrails, facing north.
RB07-015-018	TA-43-39, 2nd floor, room 200, office and small conference space, facing southwest.
RB07-015-019	TA-43-39, 2nd floor, room 200, office and small conference space, facing northeast.
RB07-015-020	TA-43-39, 2nd floor, room 204, office, original light fixtures, facing west.
RB07-015-021	TA-43-39, 2nd floor, room 204, office, original light fixtures, facing south.
RB07-009-009	TA-43-39, 2nd floor, room 214, vault type room door, facing north.

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Technical Area 43 "Medical Research Laboratory Site," TA-43-39 continued
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL October 26, 2006; October 11, 15, and 18, 2007, November 13, 2007, and December 17, 2007

Photograph Number	Description
RB07-009-002	TA-43-39, 2nd floor, room 215, office, facing west.
RB07-009-003	TA-43-39, 2nd floor, room 215, office, facing northeast.
RB07-009-001	TA-3-39, 2nd floor, room 222, office, original light fixtures, facing west.
RB07-009-004	TA-43-39, 2nd floor, room 223, office, facing west.
RB07-009-006	TA-43-39, 2nd floor, room 223, office, facing south.
RB07-009-007	TA-43-39, 2nd floor, room 226, office, facing east.
RB07-009-008	TA-43-39, 2nd floor, room 226, office, original light fixture, facing east.
RB07-015-075	TA-43-39, 3rd floor, central lobby, elevator, facing north.
RB07-015-074	TA-43-39, 3rd floor, central stairwell, stairwell 2, door to penthouse and original handrail going down, facing north.
RB07-015-069	TA-43-39, 3rd floor, northeast wing hallway, room 300B, facing southwest.
RB07-015-064	TA-43-39, 3rd floor, southwest wing hallway, room 300A, facing northeast.
RB07-009-019	TA-43-39, 3rd floor, room 300 doors, Department of Energy/National Nuclear Security Administration, Los Alamos Site Office, Manager's office, facing south.
RB07-009-018	TA-43-39, 3rd floor, room 300 doors, Department of Energy/National Nuclear Security Administration, Los Alamos Site Office, Manager's office, facing east.

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Technical Area 43 "Medical Research Laboratory Site," TA-43-39 continued
Los Alamos National Laboratory (LANL)
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Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL October 26, 2006; October 11, 15, and 18, 2007, November 13, 2007, and December 17, 2007

Photograph Number	Description
RB07-009-017	TA-43-39, 3rd floor, room 300, reception area, door leads into room 315 Manager's Office, facing south.
RB07-009-016	TA-43-39, 3rd floor, room 300, reception area, door leads into room 301 Deputy Manager's office, facing east.
RB07-015-071	TA-43-39, 3rd floor, room 301 corrugated glass wall, Department of Energy/National Nuclear Security Administration, Los Alamos Site Office, Deputy Manager's office, facing east.
RB07-015-066	TA-43-39, 3rd floor, room 309/311, offices, facing southwest.
RB07-015-067	TA-43-39, 3rd floor, room 309/311, offices, facing northeast.
RB07-015-065	TA-43-39, 3rd floor, room 310, office, door leads into room 308, facing west southwest.
RB07-015-062	TA-43-39, 3rd floor, room 325, office, original mirror fronted medicine chests/cabinets (left closed, right open), wood counter top placed over original metal counter and sink from the building's original construction and usage as a dormitory, bookshelves are in the spaces where the original closets used to be, facing southwest.
RB07-015-061	TA-43-39, 3rd floor, room 327, office, wood counter top placed over original metal counter top and sink, original mirrored medicine chests/cabinets and wall (behind the shelves), and closets from the building's original construction and usage as a dormitory, facing northeast.
RB07-015-063	TA-43-39, 3rd floor southwest wing hallway (room 300A) laundry chute door, between rooms 300MW (left) and 300JW (right), facing west.

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Technical Area 43 "Medical Research Laboratory Site," TA-43-39 continued
Los Alamos National Laboratory (LANL)
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Los Alamos County
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Photograph Number	Description
RB07-015-070	TA-43-39, 3rd floor northeast wing hallway (room 300B) laundry chute door, between rooms 300JC (left) and 300WE (right), facing west.
RB07-009-013	TA-43-39, penthouse, room P1, conference room, facing southwest.
RB07-009-014	TA-43-39, penthouse, room P1, conference room, facing northeast.
RB07-009-015	TA-43-39, penthouse, room P2, utility room, facing northeast.
RB07-015-033	TA-43-39, basement hallway, room 19, facing northwest.
RB07-015-034	TA-43-39, basement hallway, room 19, facing southeast.
RB07-015-076	TA-43-39, basement, room 10, mechanical room, facing southeast.
RB07-015-077	TA-43-39, basement, room 10, mechanical room, facing northeast.
RB07-015-078	TA-43-39, basement, room 14, boiler room, facing northwest.
RB07-015-043	TA-43-39, basement, room 21, office, facing east southeast.
RB07-015-044	TA-43-39, basement, room 21, office, facing west northwest.
RB07-015-045	TA-43-39, basement stairwell, stairwell 4, leading to 1st floor kitchen area (room 129A), facing northwest.
RB07-015-046	TA-43-39, basement, room 24, original "Men" plaque on restroom door, facing northwest.

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Technical Area 43 "Medical Research Laboratory Site," TA-43-39 continued
Los Alamos National Laboratory (LANL)
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Photograph Number	Description
RB07-015-047	TA-43-39, basement, room 22A, "Ladies/MENS REST ROOM", facing southwest.




NO



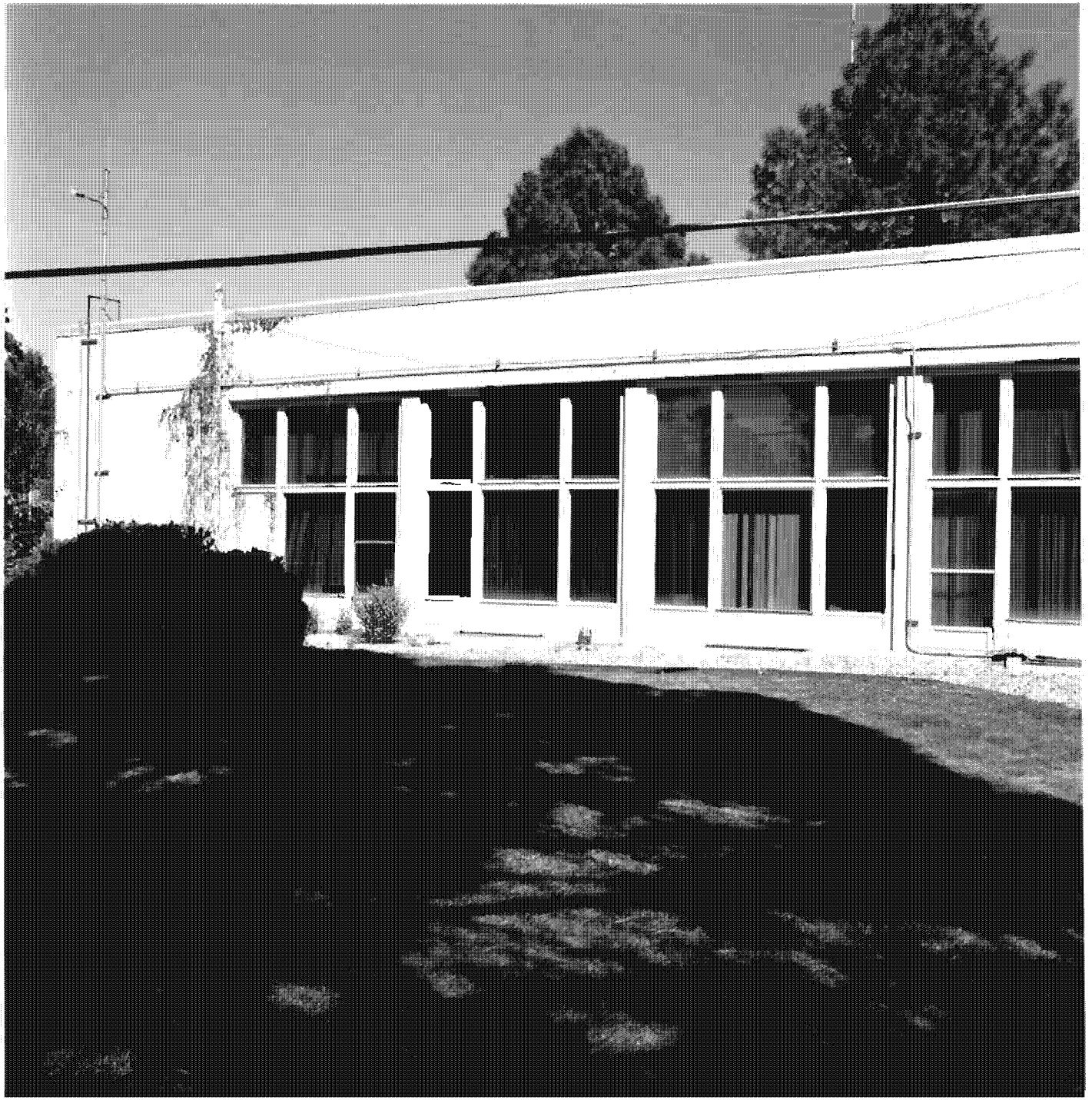






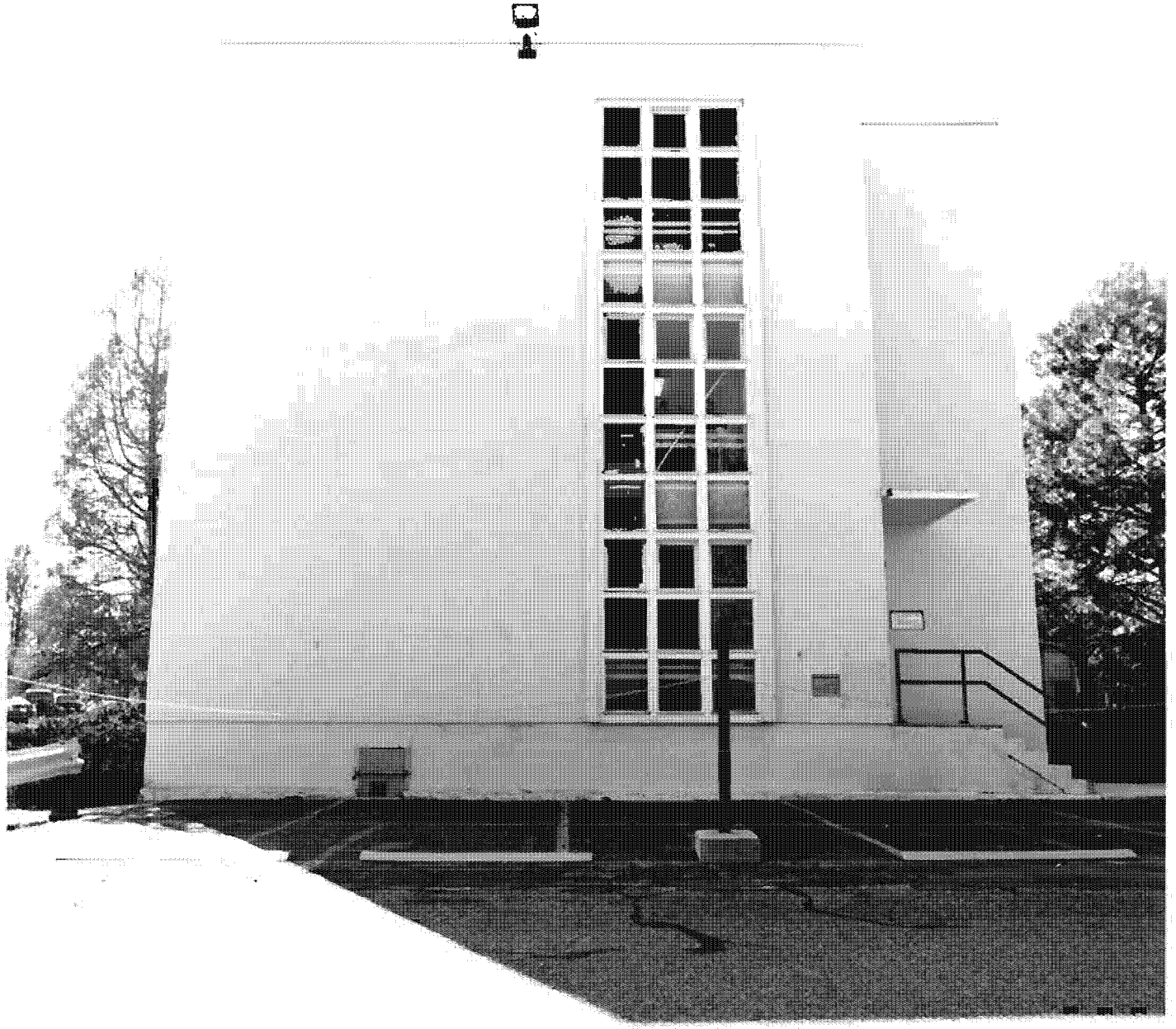




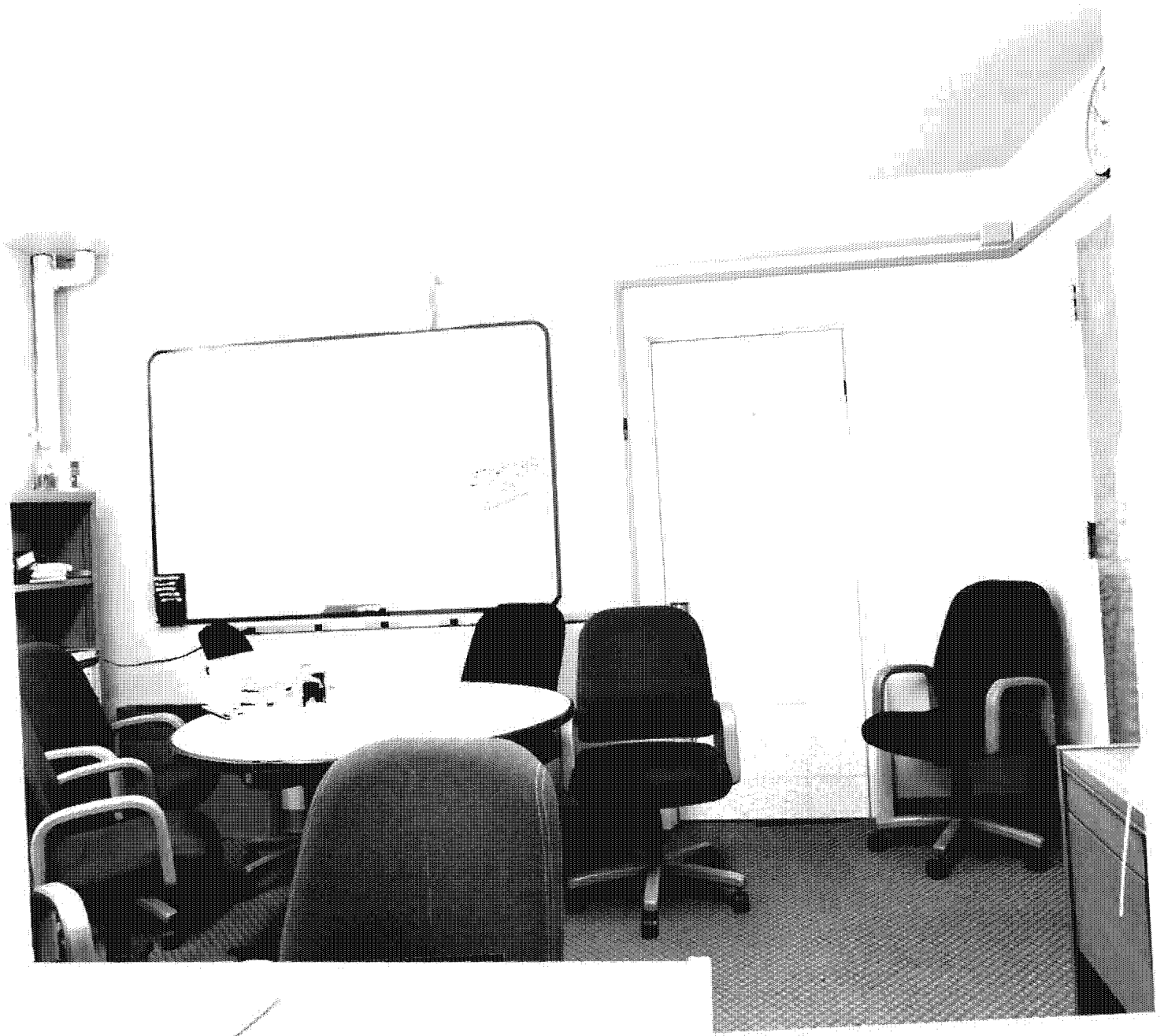








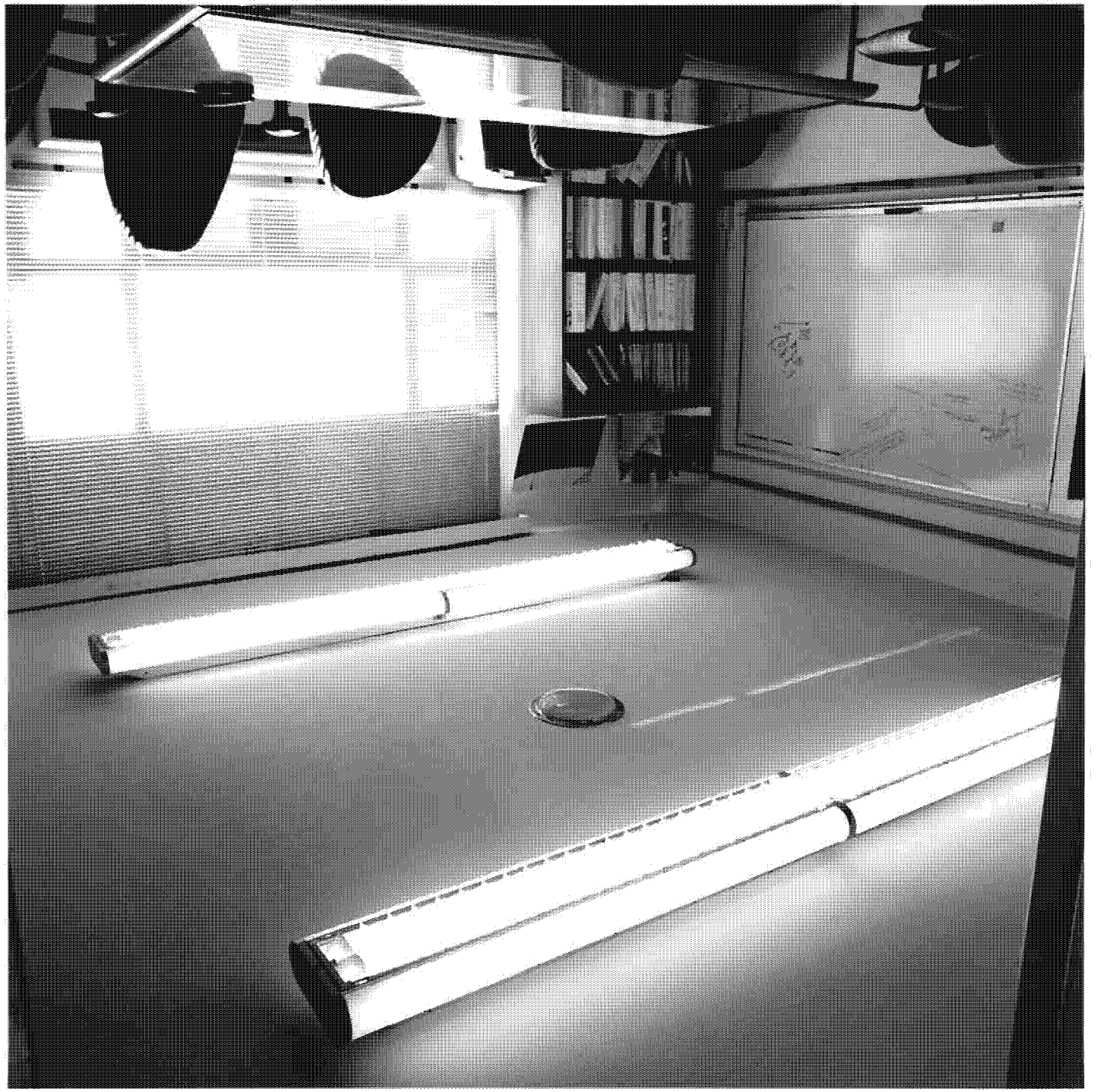





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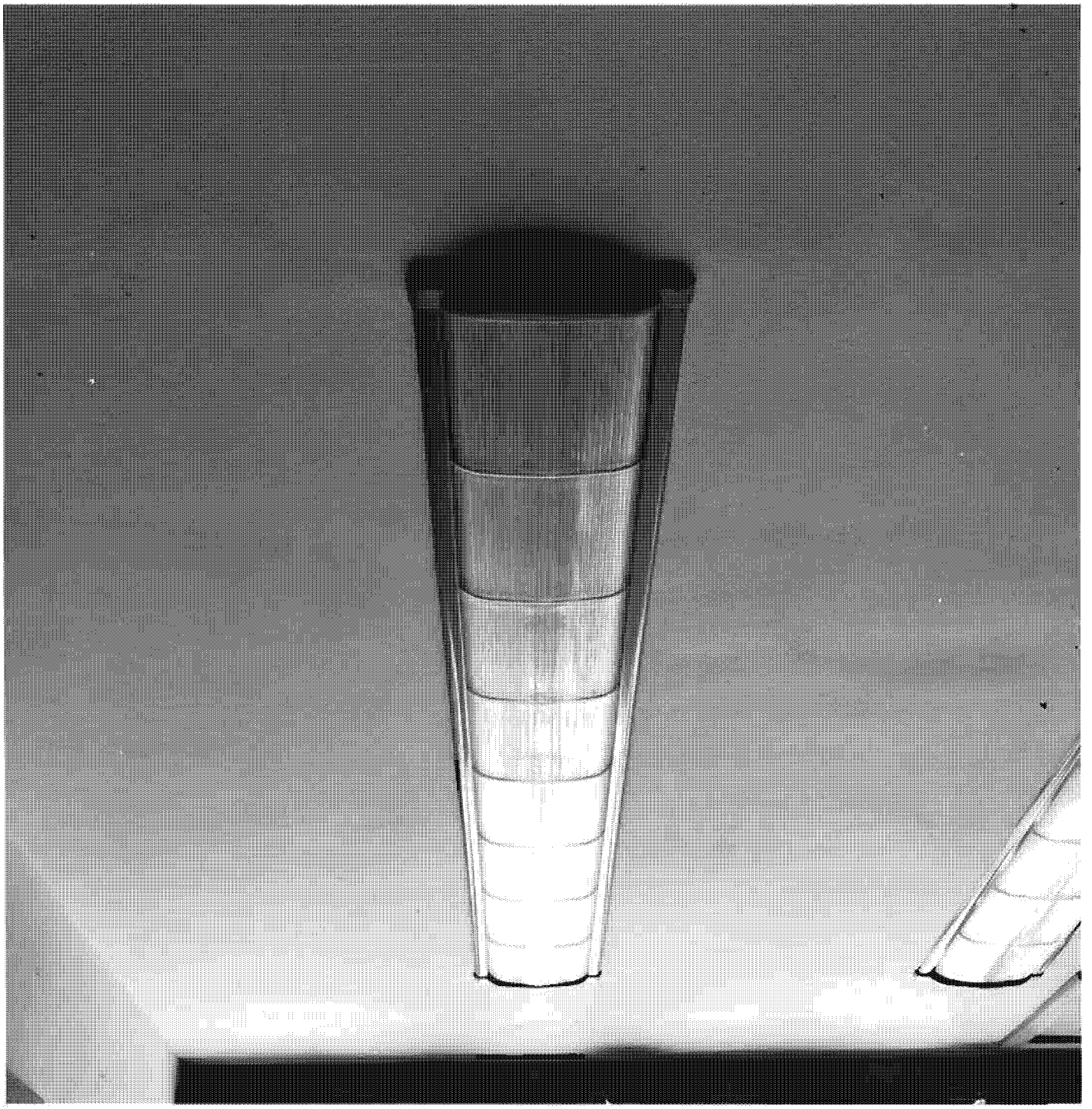



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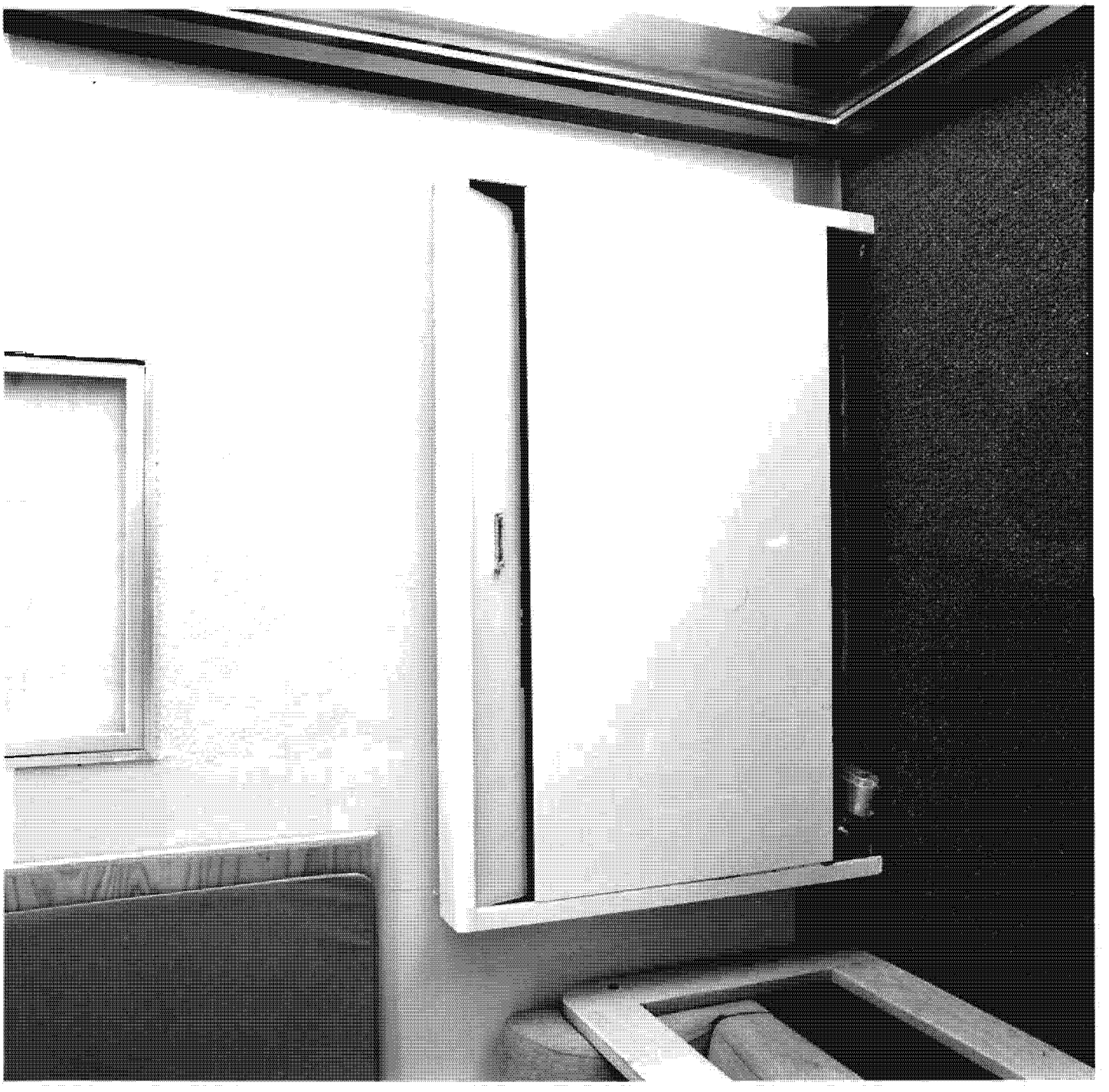
















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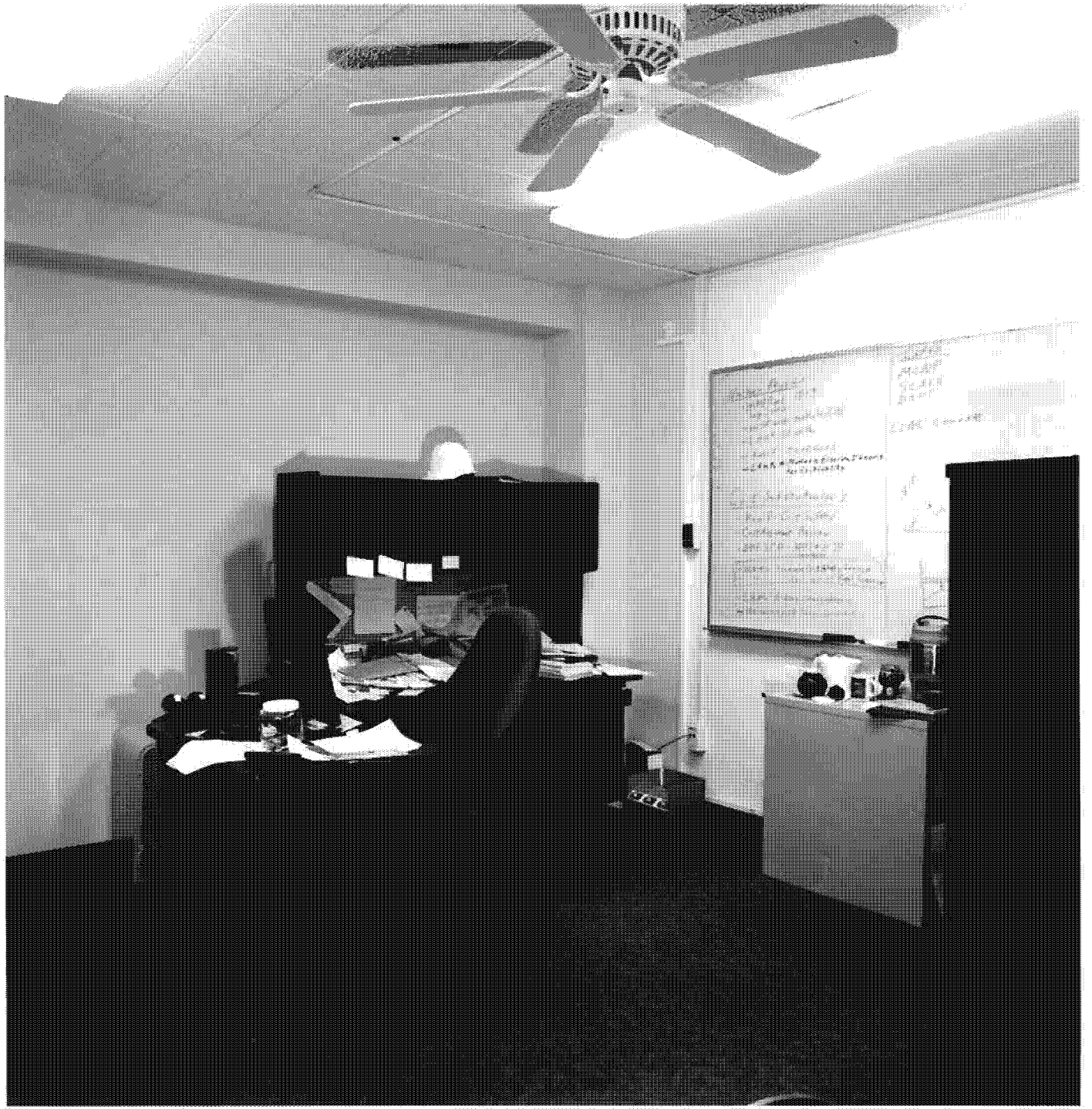
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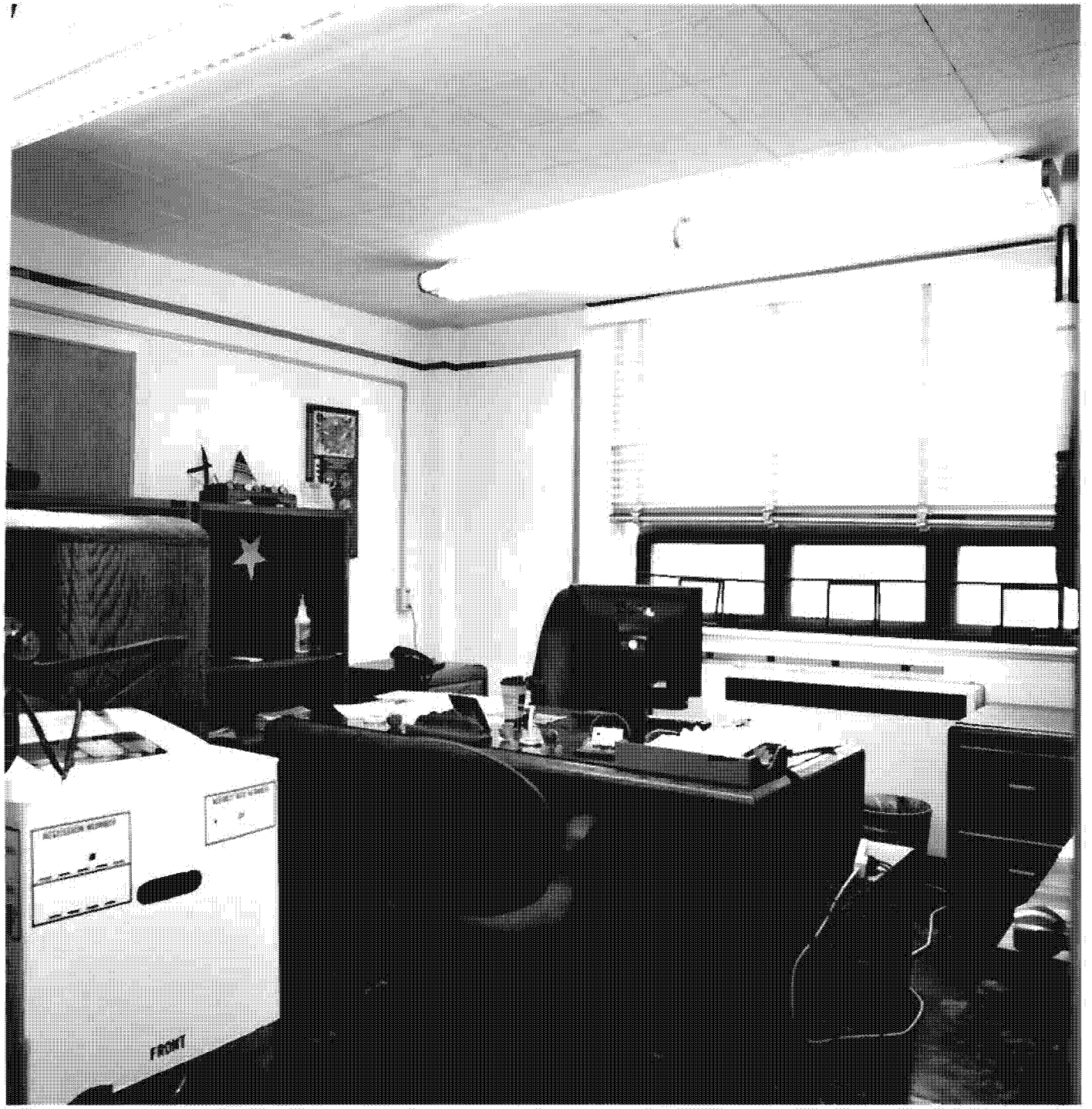



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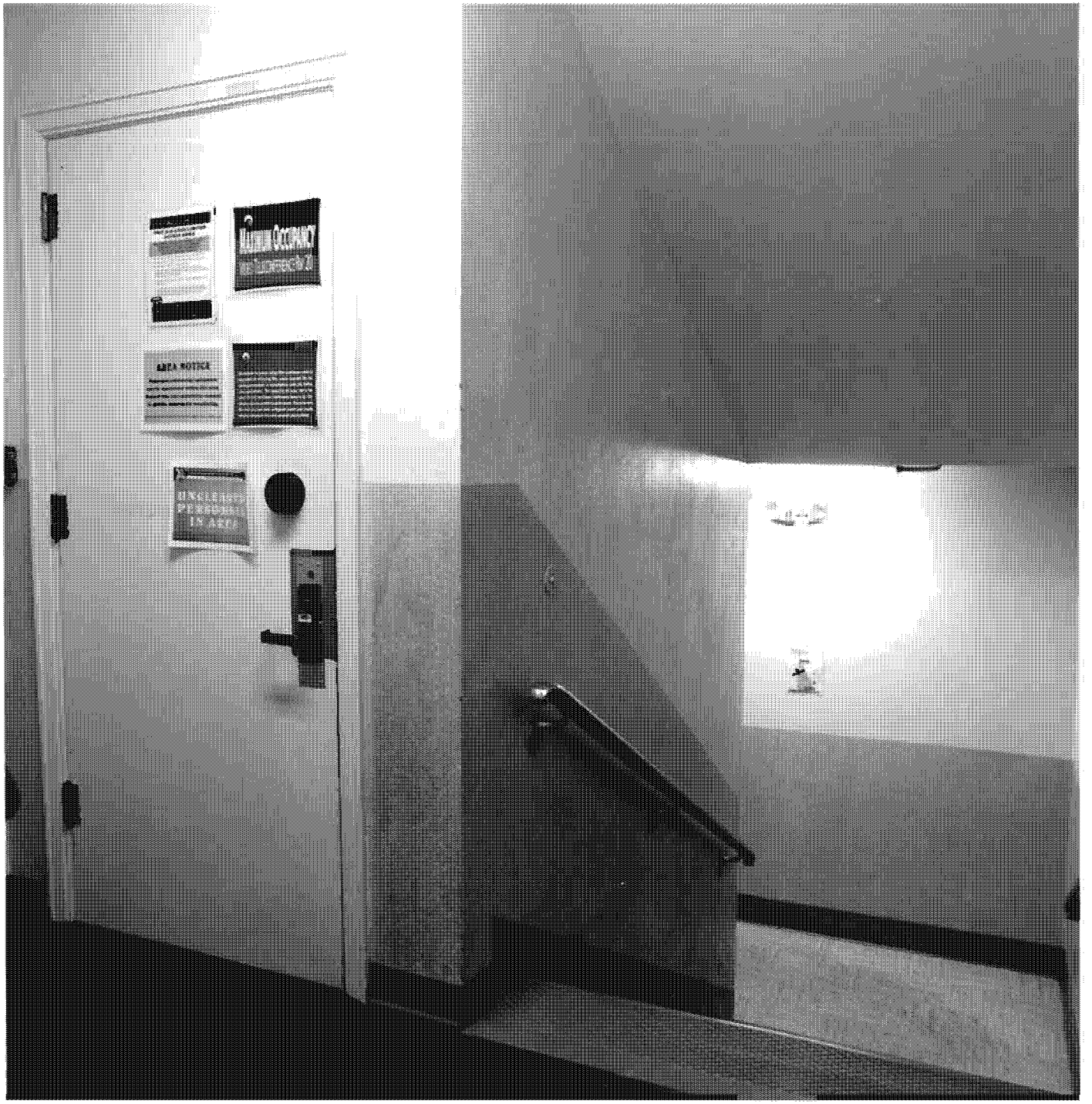

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AREA NOTICE




NNSA
National Nuclear Security Administration
Los Alamos Site Office


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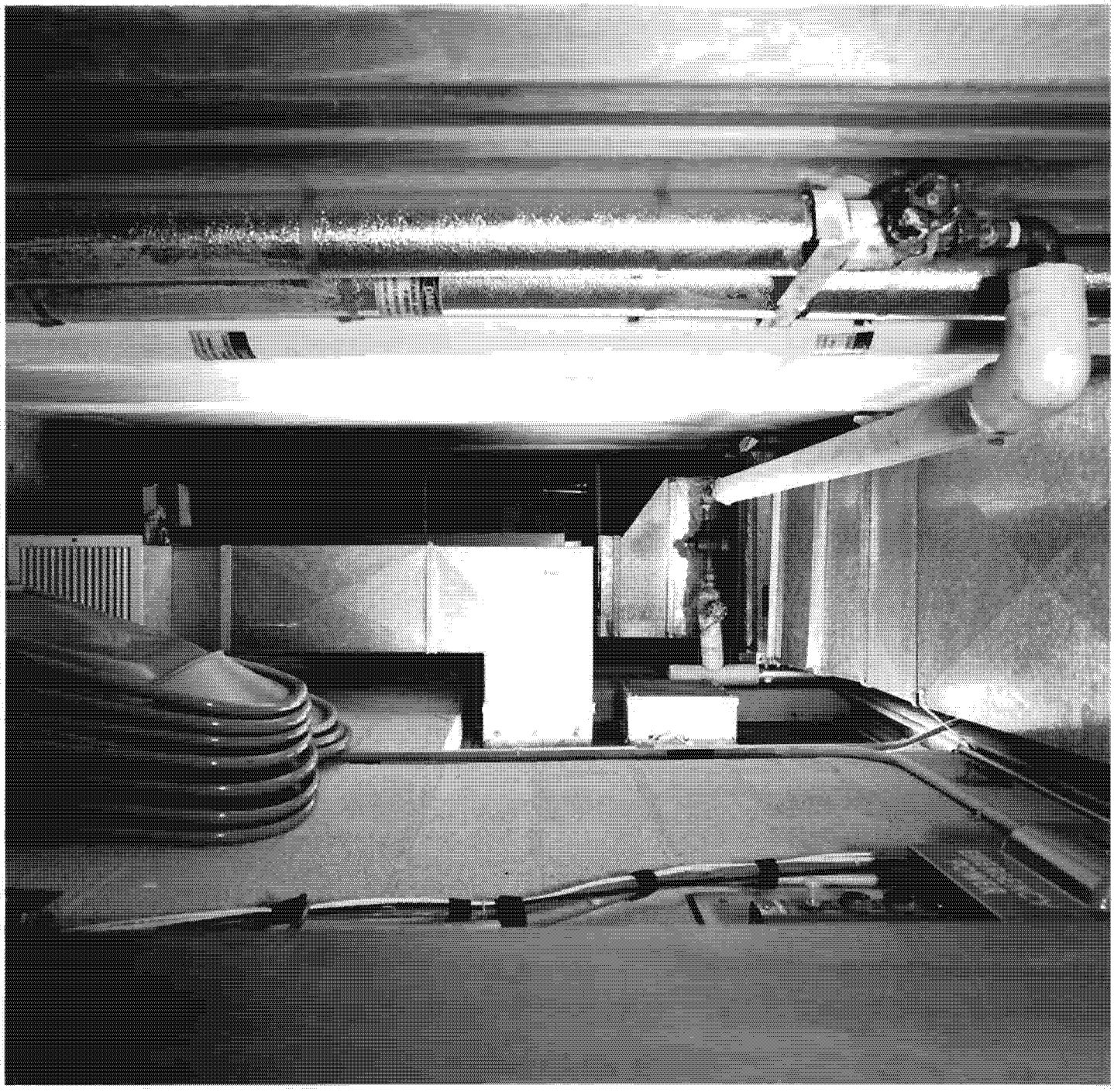



PLEASE KEEP DOO
SOILED LINEN


PLEASE KEEP DOOR CLOSED
NOTICE

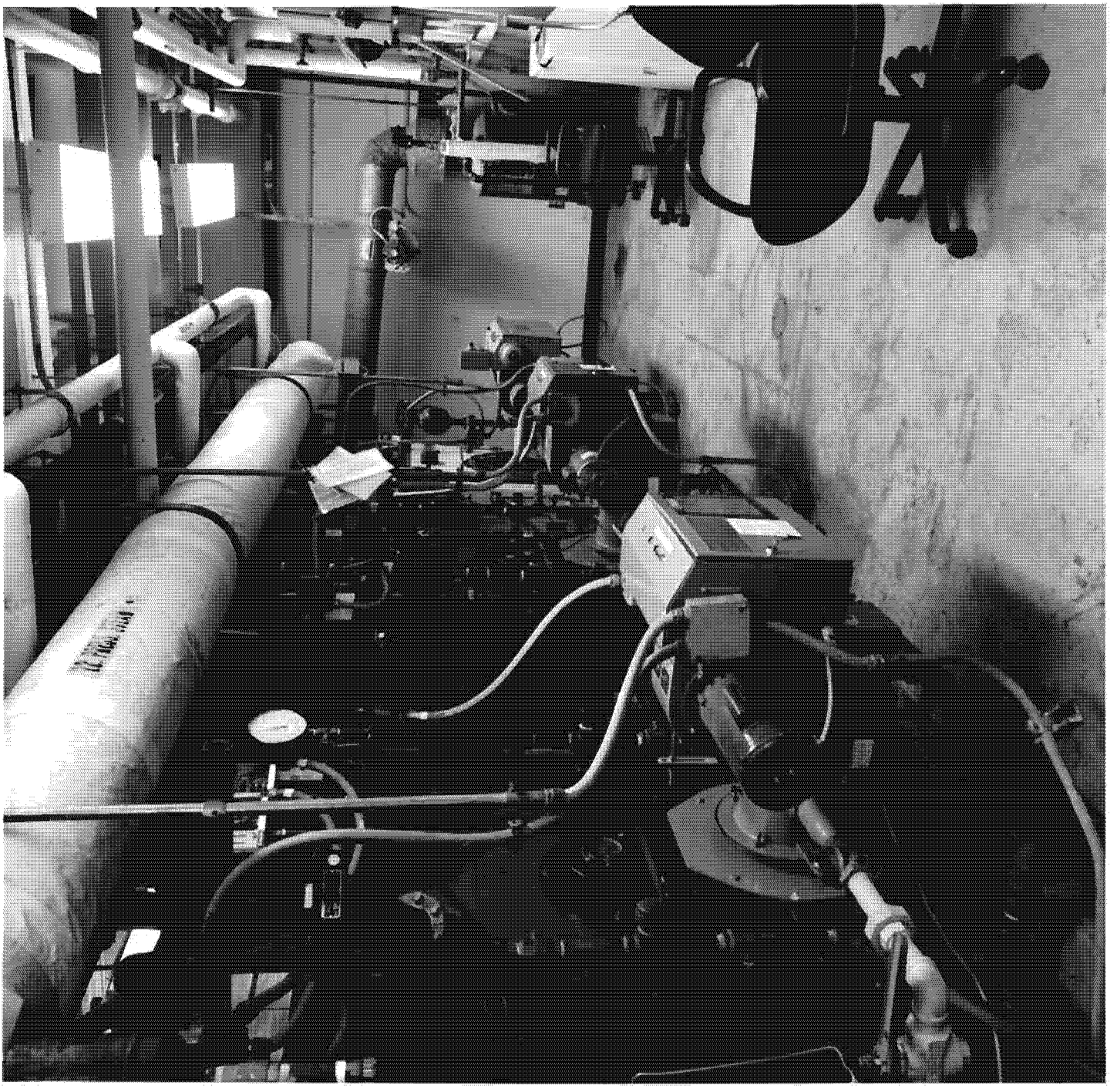

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Department of Energy
NNSA
Los Alamos Site Office







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LA-UR-10-03659
April 2010
Volume 2c

Pillars of the Cold War: Historic Administration and Support Buildings, Los Alamos, New Mexico

Historic Building Documentation for the Department of Energy Land Conveyance and Transfer Project



Los Alamos NATIONAL LABORATORY EST. 1943

Cover photo: Remodeling work at the Los Alamos Area Office in 1955 after it was transformed from a men's dormitory to an administration building. Photo courtesy of the Los Alamos Historical Society.

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Los Alamos National Laboratory Historic Building Survey
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Technical Area 43 "Medical Research Laboratory Site"
Technical Area 43, Structure 41
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Los Alamos County
New Mexico

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TA-43 Los Alamos Site Office Administration Building and Steam Plant

DOE Los Alamos Area Office Tract Historical Background

The DOE LAAO Tract is located in TA-43. Prior to its transfer to Los Alamos County, this tract contained the DOE LASO [formerly LAAO] Building (TA-43-39), an abandoned steam plant (TA-43-41), the remains of a former pump house, a small wooden shed for lawn maintenance equipment, and horseshoe pits.

The steam plant (TA-43-41), which began operating in 1949, is important for its association with and support of the DOE LASO Building and other buildings within the townsite of Los Alamos. The building also supported Zia Company wastewater operations between 1976 and 1983.

Los Alamos National Laboratory Historic Building Survey
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Technical Area 43 "Medical Research Laboratory Site," TA-43-41
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL December 12, 2003

RB04-005-001 through RB04-005-009 and RB04-009-001 through RB04-009-023

Photograph Number	Description
RB04-009-009	TA-43-41, south side (front), facing northeast.
RB04-009-010	TA-43-41, south side east end (front), facing northeast.
RB04-009-011	TA-43-41, south side east end (front) and east side, facing northwest.
RB04-009-001	TA-43-41, east side, facing west.
RB04-009-003	TA-43-41, north side (back) facing southwest.
RB04-009-005	TA-43-41, west side, facing southeast.
RB04-009-008	TA-43-41, west side and south side west end (front), facing northeast.
RB04-009-023	TA-43-41, room 100 (boiler room) from upper floor, facing northeast. Boilers at left side of photo.
RB04-005-006	TA-43-41, room 100 (boiler room), facing northwest. Boilers at right side of photo and control panel at left.
RB04-005-008	TA-43-41, room 100 (boiler room), closeup of boiler #2 vessels, facing north.
RB04-005-007	TA-43-41, room 100, control panel, facing southeast.
RB04-009-022	TA-43-41, room 100A, pump room, facing east northeast.
RB04-009-020	TA-43-41, room 100A, pump room, facing east.

Los Alamos National Laboratory Historic Building Survey
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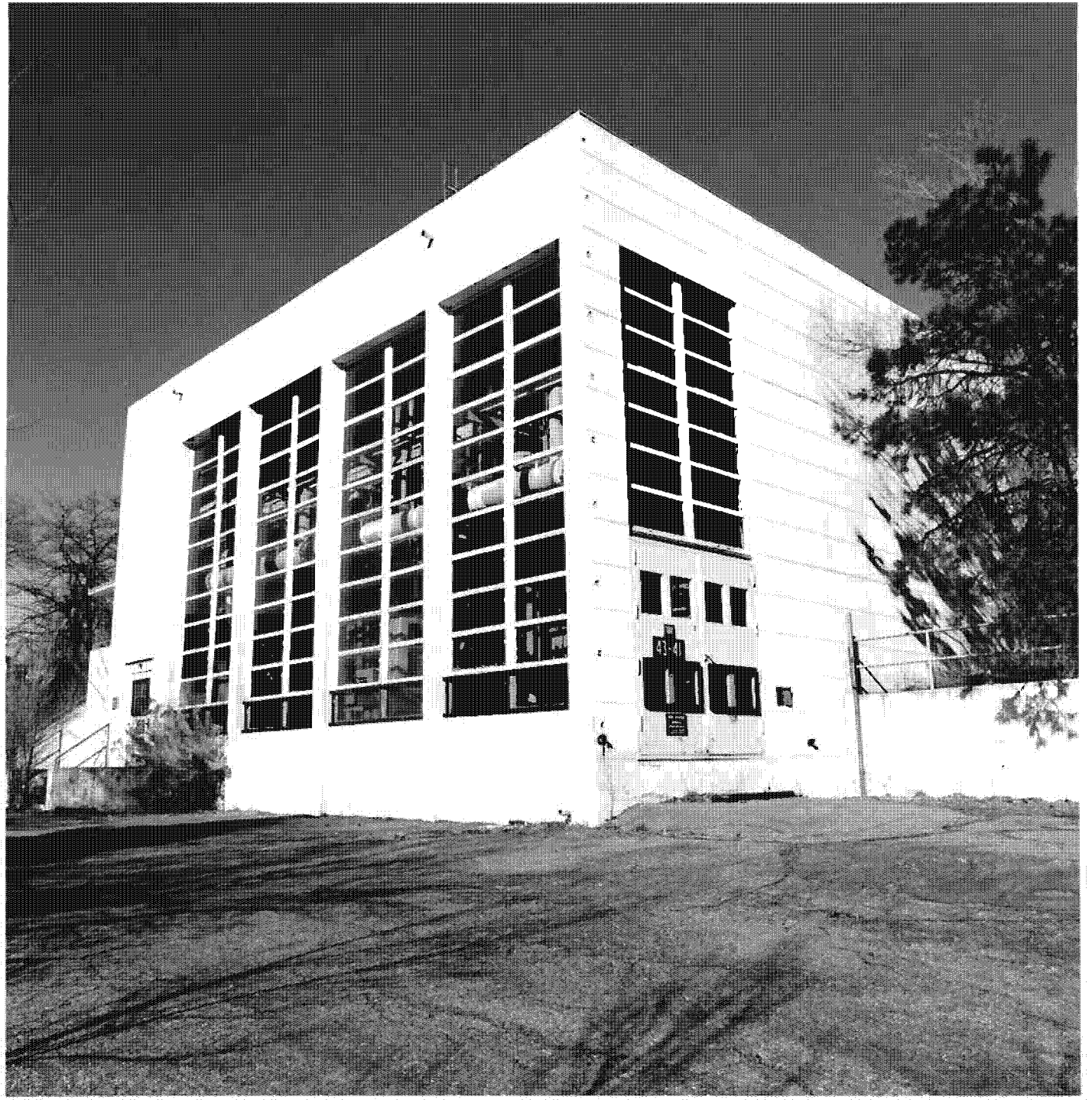
Technical Area 43 "Medical Research Laboratory Site," TA-43-41 continued
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL December 2, 2003

Photograph Number	Description
RB04-009-021	TA-43-41, room 100A, brick wall of boilers, facing east.
RB04-005-005	TA-43-41, room 100 upper boiler room area, open to below, facing northeast.
RB04-009-013	TA-43-41, room 101 "shop," looking into restroom, facing west northwest.
RB04-009-017	TA-43-41, room 101 "shop," looking into office, facing east.
RB04-009-015	TA-43-41, room 101A "restroom," facing west.
RB04-009-014	TA-43-41, room 101A "restroom," facing west northwest.
RB04-009-018	TA-43-41, room 100B "laboratory," facing south.
RB04-009-019	TA-43-41, room 100B "laboratory," facing north.
RB04-005-001	TA-43-41, rooms 201 and 201A, offices, looking into room 201A, facing west southwest.
RB04-005-003	TA-43-41, rooms 201A and 201, offices, looking into room 201, facing east southeast.



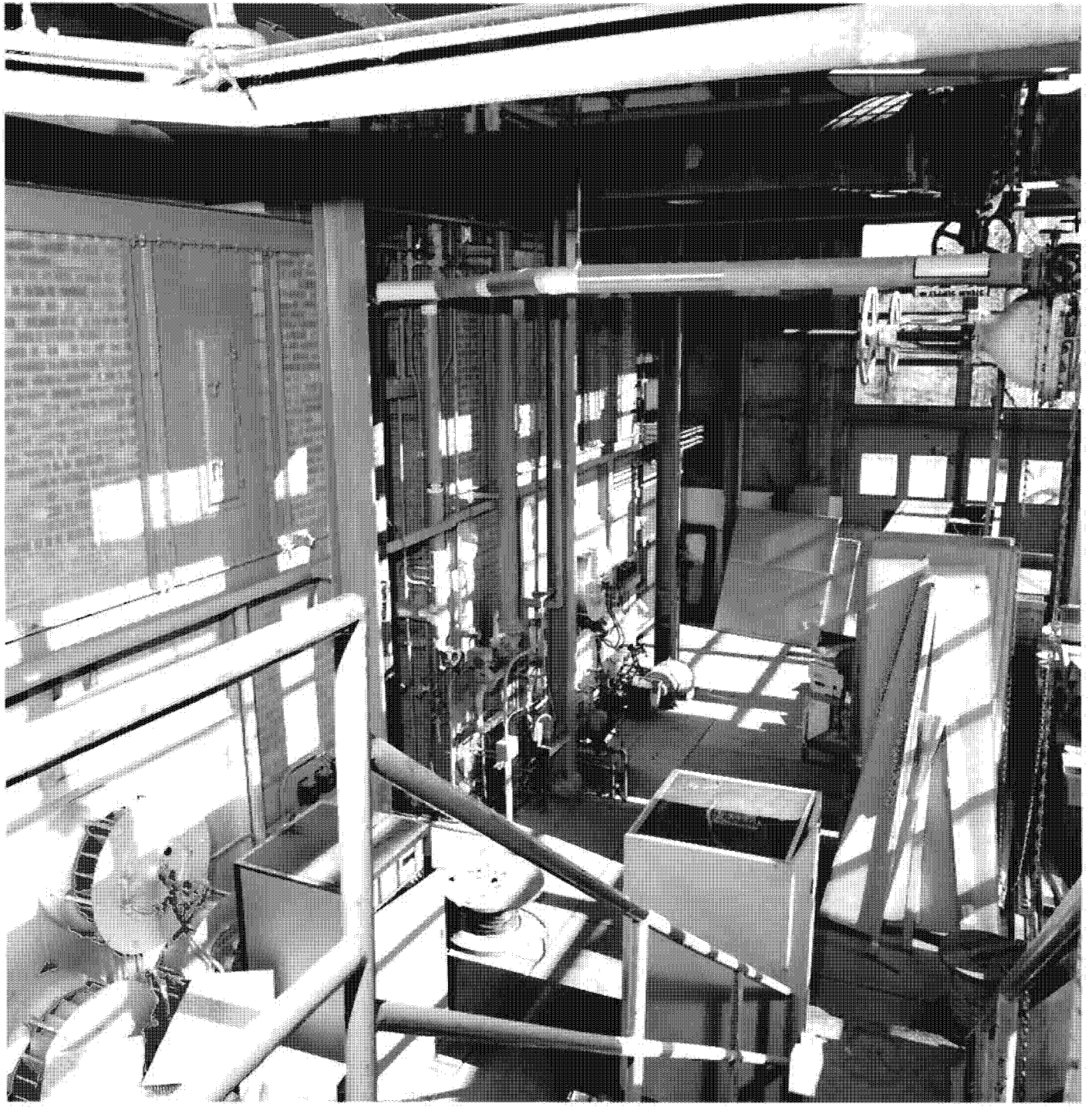


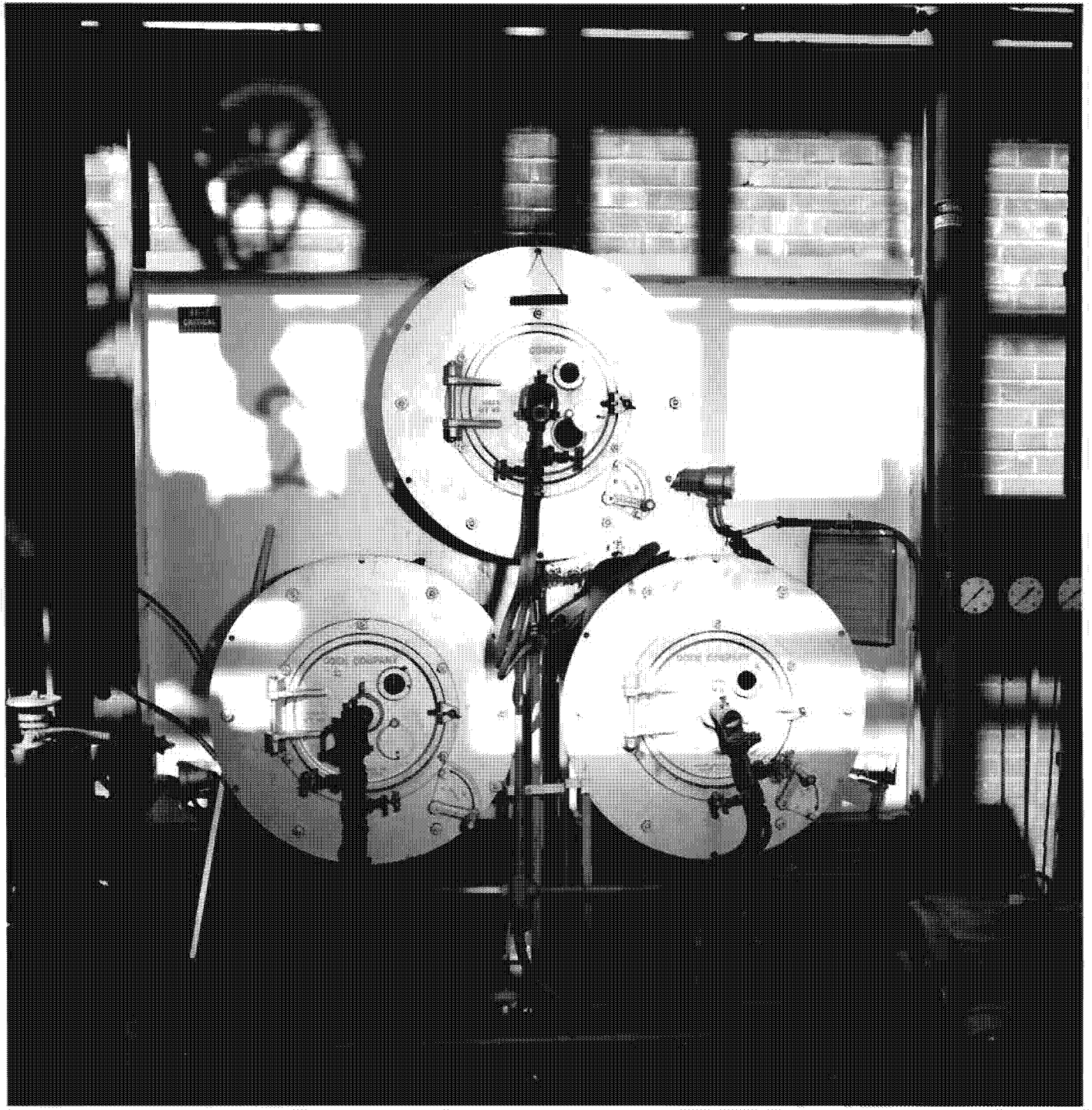












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LA-UR-10-03659
April 2010
Volume 2d

Pillars of the Cold War: Historic Administration and Support Buildings, Los Alamos, New Mexico

Historic Building Documentation for the Department of Energy Land Conveyance and Transfer Project



Los Alamos NATIONAL LABORATORY EST. 1943

Cover photo: Remodeling work at the Los Alamos Area Office in 1955 after it was transformed from a men's dormitory to an administration building. Photo courtesy of the Los Alamos Historical Society.

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Los Alamos National Laboratory Historic Building Survey
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Technical Area 73 "Airport Site"
Technical Area 73, Structure 2
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Notes: The Laboratory is divided into different geographic areas called technical areas (TAs) that are designated by numbers. The properties at TA-73 "Airport Site" are identified using the current LANL system of placing the "TA" prefix and TA number before each building and structure number, creating a unique property identifier (i.e., TA-73-2).

The archival photographs that follow are part of required documentation that partially fulfills the 2002 Programmatic Agreement (PA) among the U.S. Department of Energy (DOE), the Advisory Council on Historic Preservation, the New Mexico State Historic Preservation Officer (SHPO), and the Incorporated County of Los Alamos, New Mexico. This PA concerns the conveyance of certain parcels of land to Los Alamos County, New Mexico, and specifically addresses the resolution of adverse effects to five historic buildings that are eligible for inclusion in the National Register of Historic Places: TA-21-1001 (Archives Building) and TA-21-1002 (Warehouse) from the DP Road Tract, TA-43-39 (Los Alamos Site Office [LASO] Building) and TA-43-41 (Steam Plant) from the DOE Los Alamos Area Office Tract, and TA-73-2 (Airport Incinerator) from the Airport Tract.

Buildings 21-1001, 21-1002, 43-39, 43-41, and 73-2 were determined eligible for the National Register of Historic Places under Criterion A or under both Criterion A and Criterion C in correspondence submitted to the New Mexico SHPO by LASO on July 28, 2000. Initial recommendations for eligibility are contained in *Historic Building Assessment for the Department of Energy Conveyance and Transfer Project*, *Volumes 1 and 2*, Report No. 178, December 23, 1999, LA-UR-00-1003.

TA-73 incinerator

Airport Tract Historical Background

The Airport Tract is located in TA-73. This portion of TA-73 was originally a landfill for the Laboratory as well as for Los Alamos County. In 1948, the area was developed for use as an airport and over the years the airport tract has supported commercial air transportation and general aviation use (private pilots). The tract includes the airport terminal building, a storage building converted from a former Laboratory incinerator, a Morgan™ shed, a gas meter station, and plane hangars. At the time of the historic building survey, Los Alamos County, the airport operator, leased the land from the DOE.

Technical Area 73 “Airport Site” continued
Technical Area 73, Structure (2)
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

The incinerator building (TA-73-2) is important for its administrative function as an incinerator for classified documents. These documents came from the Laboratory and from the Atomic Energy Commission. Later, this incinerator was used to burn all types of Laboratory trash and Los Alamos County trash.

Alamos National Laboratory Historic Building Survey
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Technical Area 73 "Airport Site," TA-73-2
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL March 22, 2006

RB07-002-001 through RB07-002-022

Photograph Number	Description
RB07-002-001	TA-73-2, south side (front), facing north.
RB07-002-004	TA-73-2, east and north (back) sides, facing southwest.
RB07-002-005	TA-732, north side (back), facing south.
RB07-002-006	TA-73-2, north (back) and west sides, facing southeast.
RB07-002-009	TA-73-2, west side, facing northeast.
RB07-002-010	TA-73-2, first floor - "Charging Floor", facing northeast. Window opening infilled with concrete block and the six access holes penetrating the concrete floor to the "Stoking Floor", three for each truck bay, infilled with cement.
RB07-002-011	TA-73-2, first floor - "Charging Floor", restroom in northwest corner, facing northwest. Window opening infilled with concrete block and the six access holes penetrating the concrete floor to the "Stoking Floor", three for each truck bay, infilled with cement.
RB07-002-012	TA-73-2, first floor - "Charging Floor", stairwell in southwest corner, facing southwest. Western accordion overhead door opening infilled with concrete block. A metal pedestrian door installed in the former garage door opening and the six access holes penetrating the concrete floor to the "Stoking Floor", three for each truck bay, infilled with cement.

Alamos National Laboratory Historic Building Survey
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Technical Area 73 "Airport Site," TA-73-2 continued
Los Alamos National Laboratory (LANL)
Los Alamos
Los Alamos County
New Mexico

Mike O'Keefe, Photographer, IRM-RMMSO, LANL March 22, 2006

Photograph Number	Description
RB07-002-014	TA-73-2, first floor - "Charging Floor," facing southeast. Original eastern accordion overhead door and the six access holes penetrating the concrete floor to the "Stoking Floor," three for each truck bay, infilled with cement.
RB07-002-015	TA-73-2, basement - "Stoking Floor," facing southeast. The metal edged access holes penetrating the ceiling to the "Charging Floor."
RB07-002-020	TA-73-2, basement - "Stoking Floor," facing northeast. Window opening infilled with concrete block and the metal edged access holes penetrating the ceiling to the "Charging Floor."
RB07-002-019	TA-73-2, basement - "Stoking Floor," facing northwest. Window opening covered with aluminum plate and the metal edged access holes penetrating the ceiling to the "Charging Floor."
RB07-002-018	TA-73-2, basement - "Stoking Floor," storage rooms under the stairs, facing southwest. The metal edged access holes penetrating the ceiling to the "Charging Floor."
RB07-002-021	TA-73-2, stairs looking up from basement to first floor, "Charging Floor," facing south.


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